Index of Patents

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PART I
LIST
OF
PATENTEES

1985

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Part I, List of Patentees

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- AB Hedemora Verkstalder: *See—*
  - Ragnegard, Samuel; Strid, Kent; and Sundkvist, Goran, 4,519,910, Cl. 210-327.000.
- Ab Leo: *See—*
  - Stamvik, Anders R.; Kristensson, Sten K.; and Lundvall, Karl-Erik, 4,537,722, Cl. 260-397.400.
- AB Mecman: *See—*
  - Hoglund, Ingolf, 4,555,980, Cl. 92-88.000.
- AB Nordstroms Linbanor: *See—*
  - Svens, Runar, 4,492,302, Cl. 198-671.000.
- AB Perma System: *See—*
  - Brolin, Hans, 4,522,244, Cl. 160-170.000.
- AB Rollab: *See—*
  - Nelander, Curt, 4,513,610, Cl. 73-147.000.
- AB Samefa: *See—*
  - Bergstrom, Hans R.; and Johansson, Uno, 4,505,145, Cl. 72-457.000.
- AB Scaniainventor: *See—*
  - Siwersson, Olle L.; Wall, Arne E.; and Kristensson, Kent B. G., 4,561,596, Cl. 239-687.000.
- AB Spray Technics S.T.: *See—*
  - Janson, Bengt G., 4,536,295, Cl. 210-804.000.
- AB Stil-Industri: *See—*
  - Sylven, Hans; Ennerdal, Leif; and Berg, Lars-Eije, 4,527,313, Cl. 24-464.000.
- Ab Thoreb: *See—*
  - Brynielsson, Thore; Tomasson, Tom; Ahlberg, Leif; and Johansson, Magnus, 4,536,004, Cl. 280-166.000.
- AB Thorns Mekaniska Verkstad: *See—*
  - Engman, Guy R., 4,531,391, Cl. 72-10.000.
- AB Vacuum-Extractor: *See—*
  - Uddenberg, Goran O., 4,512,347, Cl. 128-352.000.
- AB Volvo: *See—*
  - Ahlbom, Sten H. N., 4,530,057, Cl. 364-424.000.
  - Ahlbom, Sten H. N., 4,541,049, Cl. 364-424.000.
  - Backlund, Ove, 4,523,553, Cl. 123-192.00B.
  - Fortgens, Walter, 4,493,478, Cl. 254-126.000.
  - Friberg, Gunnar S., 4,499,926, Cl. 138-126.000.
  - Hakansson, Nils O., 4,538,581, Cl. 123-502.000.
  - Jonasson, Kjell, 4,541,654, Cl. 280-801.000.
  - Mattsson, Karl E., 4,538,506, Cl. 92-13.300.
  - Nertman, Inge, 4,496,052, Cl. 206-470.000.
  - Persson, Per I.; and Persson, Bengt, 4,555,053, Cl. 228-107.000.
  - Remmerfelt, Arne; and Larsson, Sten, 4,534,241, Cl. 74-597.000.
  - Roth, Jan, 4,543,854, Cl. 74-713.000.
  - Sandberg, Lars; and Scheuer, Bjorn, 4,558,665, Cl. 123-25.00C.
  - Schlicker, Heinrich A., 4,519,483, Cl. 192-4.00A.
  - Udd, Soren, 4,513,729, Cl. 123-563.000.
  - Westman, Jan-Erik, 4,538,721, Cl. 198-774.000.
  - Zellmer, Michael, 4,501,254, Cl. 123-556.000.
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  - Brandt, Lennart; and Pichl, Heinz, 4,501,560, Cl. 440-53.000.
  - Brandt, Lennart; and Pichl, Heinz, 4,543,068, Cl. 440-53.000.
  - Brandt, Lennart H., 4,529,387, Cl. 440-66.000.
- AB Volvo, Torslanda: *See—*
  - Moss, Hans B. F., 4,505,693, Cl. 474-240.000.
- AB Wilh. Becker, Fack: *See—*
  - Smedberg, Olof R., 4,554,959, Cl. 144-380.000.
- Abar Ipsen Industries: *See—*
  - Moller, Craig A., 4,559,631, Cl. 373-130.000.
  - Moller, Craig A.; and Wolter, Eric H., 4,560,348, Cl. 432-77.000.
- Abarca, Wayne J.: *See—*
  - Sarka, Stephen F.; Abarca, Wayne J.; Johnson, James R.; and Smick, Charles J., Jr., 4,528,762, Cl. 37-236.000.
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  - Abare, Helena E., 4,527,566, Cl. 128-402.000.
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- Abbas, Daniel C., to Eastman Kodak Company. Active electro-optical distance detection methods and devices. 4,511,248, 4-16-85, Cl. 356-4.000.
- Abbas, Daniel C.: *See—*
  - Lawrence, David J.; Abbas, Daniel C.; Phelps, Daniel J.; and Smith, Frank T. J., 4,495,514, Cl. 357-67.000.
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- Abbazia, Leonard P.: *See—*
  - Becker, Amy J.; Abbazia, Leonard P.; and Medri, Mario W., 4,545,989, Cl. 424-154.000.
- Abbes, Claude: *See—*
  - de Villepoix, Raymond; Fages, Jean; Forges, Robert; Abbes, Claude; and Rouaud, Christian, 4,561,662, Cl. 277-229.000.
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- Abbondanti, Alberto, to Westinghouse Electric Corp. Method and apparatus for sampling output AC currents in a voltage-fed inverter power supply. 4,520,298, 5-28-85, Cl. 318-490.000.
- Abbot, Ralph H.: *See—*
  - Penny, Michael F.; Woodcock, Brian; Abbot, Ralph H.; Phillips, David M.; and Spaans, Leendert B., 4,518,254, Cl. 356-5.000.
- Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., to Eli Lilly and Company. A-21978C Cyclic peptides. 4,524,135, 6-18-85, Cl. 435-69.000.
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- Abbott, Frank R., to United States of America, Navy. Electro-ceramic stack. 4,499,566, 2-12-85, Cl. 367-165.000.
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- Abbott, John H.: *See—*
  - Thompson, Raymond W.; Kalidas, Navinchandra; Abbott, John H.; and Laffitte, David S., 4,540,226, Cl. 339-17.0CF.
- Abbott Laboratories: *See—*
  - Abram, Dinah; Armstrong, Alan S.; Herrmann, John E.; and Ling, Chung-Mei, 4,497,900, Cl. 436-511.000.
  - Armstrong, Alan S.; Herrmann, John E.; and Howard, Lawrence V., 4,497,899, Cl. 436-510.000.
  - Bauer, John F.; and Shada, Douglas M., 4,558,070, Cl. 514-557.000.
  - Bertaud, Francois X.; and Siedler, Hans J., 4,494,663, Cl. 215-232.000.
  - Carlsen, Russell O.; Casati, Francois M.; and Raden, Daniel S., 4,500,654, Cl. 521-129.000.
  - Chu, Daniel T., 4,528,285, Cl. 514-224.000.
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  - Chu, Daniel T., 4,533,663, Cl. 514-223.000.
  - Chu, Daniel T., 4,540,694, Cl. 514-232.000.
  - Chu, Daniel T., 4,542,133, Cl. 514-232.000.
  - Dawe, Garfield A., 4,519,792, Cl. 604-152.000.
  - Debernardis, John F.; and Arendsen, David L., 4,500,543, Cl. 514-469.000.
  - DeBernardis, John F.; and Arendsen, David L., 4,505,932, Cl. 514-649.000.
  - Finch, Dale E., 4,498,901, Cl. 604-65.000.
  - Flentge, Charles A.; and Herrin, Thomas R., 4,543,412, Cl. 544-229.000.
  - Flentge, Charles A., 4,559,173, Cl. 260-239.00D.
  - Gendrich, Ronald L.; and Holleman, William H., 4,491,660, Cl. 536-32.000.
  - Genese, Joseph N.; and Seberg, Charles H., 4,496,348, Cl. 604-167.000.
  - Haviv, Fortuna; and Walters, Roland L., 4,503,056, Cl. 514-252.000.
  - Hung, Paul P.; Lee, Shaw-Guang; Roychoudhury, Ranajit; and Ratzkin, Barry J., 4,558,010, Cl. 435-212.000.
  - Kirkemo, Curtis L.; and Shipchandler, Mohammed T., 4,510,251, Cl. 436-536.000.
  - Larkin, Mark E.; and Knox, Kenneth H., 4,523,691, Cl. 220-266.000.
  - Larkin, Mark E.; and Meyer, Leonard J., 4,547,900, Cl. 383-5.000.
  - Larkin, Mark E., 4,548,606, Cl. 604-414.000.
  - Manderino, George L.; and Suarez, Adoracion F., 4,515,890, Cl. 435-7.000.
  - Mendenhall, Douglas W.; and Li, Ping, 4,515,586, Cl. 604-87.000.
  - Parks, James A.; and Plattner, Jacob J., 4,560,558, Cl. 514-379.000.
  - Popelka, Susan R., 4,516,856, Cl. 356-368.000.
  - Reynolds, Gordon S.; Todd, Robert J.; and Russell, Edward J., 4,557,269, Cl. 128-675.000.

  Shaffar, Mark R., 4,495,293, Cl. 436-172.000.
  Sun, Ming, 4,504,579, Cl. 435-28.000.
  Thompson, Kevin R., 4,561,543, Cl. 206-523.000.
  Voss, Houston F.; Plattner, Jacob; and Herrin, Thomas R., 4,550,163, Cl. 544-244.000.
  Wang, Chao-Huei J.; Stroupe, Stephen D.; and Jolley, Michael E., 4,492,762, Cl. 436-537.000.
  Wang, Chao-Huei J.; and Jolley, Michael E., 4,544,546, Cl. 424-7.100.
Abbott, Lee W. Cranberry harvester. 4,501,111, 2-26-85, Cl. 56-8.000.
Abbott, Richard E.: *See—*
  Schachter, David; Abbott, Richard E.; and Cogan, Uri, 4,537,718, Cl. 260-112.50R.
Abbott, Scot D., and Luddy, Michael A. G., to Du Pont de Nemours, E. I., and Company. Particle reagent size distribution measurements for immunoassay. 4,521,521, 6-4-85, Cl. 436-517.000.
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Abbott, Vaughan; Beckwith, Bruce R.; Kingsbury, Charles M.; Mungovan, John P.; and Mills, Elden H., to Emhart Industries, Inc. Blank cylinder apparatus. 4,528,017, 7-9-85, Cl. 65-240.000.
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  Rey, Pierre; Leandri, Jacqueline; and Abbou, Clement, 4,497,074, Cl. 3-1.000.
ABCO Hardware and Builders Supply, Inc.: *See—*
  Salcedo, Javier F., 4,532,569, Cl. 361-76.000.
Abcor, Inc.: *See—*
  Lee, Cheng H., 4,527,999, Cl. 55-16.000.
Abdalla, Mohamed I., to GTE Automatic Electric Laboratories Incorporated. Electroluminescent display having dark field semiconducting layer. 4,532,454, 7-30-85, Cl. 313-506.000.
Abdeev, Jury M.: *See—*
  Sychev, Anatoly P.; Sannikov, Jury I.; Grinin, Jury A.; Polyakov, Ivan P.; and Abdeev, Jury M., 4,519,836, Cl. 75-25.000.
Abdel-Fattah, Adnan M.: *See—*
  Russell, Bruce A.; and Abdel-Fattah, Adnan M., 4,511,308, Cl. 415-191.000.
Abdel-Hehim, Hossam A. A.; Coelho, Wagner C.; and Soares, Gloria M. G., to Petroleo Brasileiro S.A. - Petrobras. Process for the partial solubilization of phosphate rock and obtaining phosphate fertilizers therefrom. 4,523,941, 6-18-85, Cl. 71-37.000.
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  Traver, Darwin G.; Anderson, Carl M.; and Abdelhamid, Amr N., 4,504,188, Cl. 415-1.000.
Abdelmonem, Nabil: *See—*
  Ringel, Helmut; Zimmer, Erich; and Abdelmonem, Nabil, 4,514,296, Cl. 210-96.100.
Abdulin, Fen Z.: *See—*
  Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.; and Berdiev, Oleg S., 4,519,437, Cl. 164-284.000.
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  Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.
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  Kishimoto, Shinzo; Ohno, Shigeru; and Abe, Akira, 4,546,070, Cl. 430-393.000.
Abe, Atsushi: *See—*
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Abe, Hideaki: *See—*
  Matsuura, Masahiro; Ichinomiya, Tsutomu; and Abe, Hideaki, 4,497,323, Cl. 128-685.000.
Abe, Hiroo: *See—*
  Ikeda, Yuuji; Abe, Hiroo; Osaka, Tadashi; and Komuro, Katsumi, 4,551,893, Cl. 29-33.00M.
Abe, Hiroshi; Sato, Nobuhiro; Ono, Kimizo; and Hirano, Kazuo, to Sumitomo Electric Industries, Ltd.; Abe, Hiroshi; and Sato, Nobuhiro. Method for measuring oxygen metabolism in internal organ or tissue. 4,513,751, 4-30-85, Cl. 128-666.000.
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  Yamada, Hisashi; Makise, Masayuki; Katagiri, Tsutomu; and Abe, Kaname, 4,491,553, Cl. 264-51.000.
Abe, Katsumi: *See—*
  Shibata, Minoru; Hayashi, Koichi; and Abe, Katsumi, 4,531,287, Cl. 30-43.600.
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  Sakudo, Noriyuki; Abe, Katsunobu; Tokiguchi, Katsumi; Koike, Hidemi; and Okada, Osami, 4,543,465, Cl. 219-121.0PD.
Abe, Katsuo: *See—*
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  Kamada, Kazumasa; Tamai, Katsumi; Shimomura, Yasunori; and Abe, Kazunori, 4,509,163, Cl. 369-284.000.
  Kamada, Kazumasa; Tamai, Katsumi; Abe, Kazunori; and Shiraishi, Yoshinobu, 4,525,537, Cl. 525-198.000.
Abe, Kenichi: *See—*
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Abe, Kishirou: *See—*
  Itou, Susumu; Abe, Kishirou; and Kunou, Morishi, 4,561,275, Cl. 72-70.000.
Abe, Kiyomi, to Pentel Kabushiki Kaisha. Tablet input apparatus. 4,492,818, 1-8-85, Cl. 178-18.000.
Abe, Kiyoto: *See—*
  Murayama, Noriaki; and Abe, Kiyoto, 4,555,738, Cl. 360-75.000.
Abe, Kohichiroh: *See—*
  Suda, Kenichi; Tamaki, Katsuyuki; Tateishi, Kazushi; and Abe, Kohichiroh, 4,492,994, Cl. 360-85.000.
Abe, Koichi; Kawakami, Kenichi; Yoshii, Toshiya; and Inoue, Toshihide, to Toray Industries, Inc. Magnetic recording material. 4,539,260, 9-3-85, Cl. 428-336.000.
Abe, Koichi: *See—*
  Fujii, Shuzo; Abe, Koichi; and Miwa, Hideo, 4,502,819, Cl. 406-14.000.
  Toya, Shigeo; Abe, Koichi; and Zobuchi, Mitsumasa, 4,529,265, Cl. 350-96.210.
Abe, Kojin: *See—*
  Onda, Kenichi; Abe, Kojin; Yabuno, Kohei; and Uemura, Takeshi, 4,499,530, Cl. 363-17.000.
Abe, Kunihiro, to Fuji Jukogyo Kabushiki Kaisha. System for regulating the idle speed of an internal combustion engine. 4,493,301, 1-15-85, Cl. 123-339.000.
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Abe, Kunihiro: *See—*
  Hara, Kazuo; and Abe, Kunihiro, 4,519,089, Cl. 377-16.000.
  Ohgami, Masaaki; Hara, Kazuo; and Abe, Kunihiro, 4,555,762, Cl. 364-431.090.
Abe, Kunio: *See—*
  Ikedo, Yuji; Abe, Kunio; and Saito, Masatsugu, 4,507,768, Cl. 369-77.100.
  Sakurai, Satoshi; Takahashi, Yoshio; and Abe, Kunio, 4,530,081, Cl. 369-75.200.
Abe, Kuniomi, to Konan Camera Research Institute. Eyeball observing contact lens provided with illuminating means. 4,553,824, 11-19-85, Cl. 351-219.000.
Abe, Masaharu: *See—*
  Oizumi, Masayuki; Abe, Masaharu; and Fushiki, Yasuo, 4,521,491, Cl. 428-458.000.
Abe, Masahiro: *See—*
  Aoyama, Masaharu; Abe, Masahiro; Ajima, Takashi; and Yonezawa, Toshio, 4,520,041, Cl. 427-88.000.
  Hirai, Kiyomiki; Takeuchi, Koji; Ito, Nobuo; and Abe, Masahiro, 4,530,991, Cl. 528-123.000.
  Hirai, Kiyomiki; Takeuchi, Koji; Abe, Masahiro; and Ito, Nobuo, 4,544,733, Cl. 528-123.000.
  Ohshima, Jiro; Abe, Masahiro; and Koshino, Yutaka, 4,502,207, Cl. 29-576.00B.
  Takeuchi, Koji; Abe, Masahiro; Ito, Nobuo; and Hirai, Kiyomiki, 4,542,202, Cl. 528-96.000.
Abe, Masaki: *See—*
  Shimizu, Hiroshi; Abe, Masaki; and Sato, Akihiro, 4,535,069, Cl. 502-115.000.
Abe, Masao; Iwama, Akio; Noda, Yuzuru; and Ichinose, Hisashi, to Nitto Electric Industrial Co., Ltd. Selective permeable membranes

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Abe, Masao: *See*—
  Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, 4,556,623, Cl. 430-83.000.
  Watanabe, Hiroshi; Shimamura, Isao; Abe, Masao; and Mizusawa, Masashi, 4,526,671, Cl. 204-37.600.

Abe, Masaru, to Alps Electric Co., Ltd. Brush-mounting structure of miniature motor. 4,494,026, 1-15-85, Cl. 310-89.000.

Abe, Masaru; Miyoshi, Isao; Tezuka, Toshiro; and Yoshimoto, Toshio, to Bridgestone Tire Company Limited. Pneumatic tires for off-road vehicles. 4,506,718, 3-26-85, Cl. 152-361.00R.

Abe, Masatoshi, to Okamura Corporation. Pivot angle adjusting means for the arm of a material handling device. 4,514,136, 4-30-85, Cl. 414-744.00A.

Abe, Masayuki; Ikoma, Junichi; and Abiko, Kenzi, to Hitachi, Ltd. Disc positioning device. 4,497,003, 1-29-85, Cl. 360-97.000.

Abe, Michiharu, to Ricoh Company, Ltd. Focussing control with astigmatic diffracting means. 4,525,625, 6-25-85, Cl. 250-201.000.

Abe, Michio; and Maeda, Naoyuki, to Tokai TRW & Co. Ltd. Power steering system. 4,499,964, 2-19-85, Cl. 180-142.000.

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Abe, Mitsuo: *See*—
  Miyatake, Satoshi; Abe, Mitsuo; Kume, Masao; Yonemura, Shigehiro; and Umino, Hiroshi, 4,561,216, Cl. 51-165.920.

Abe, Naoto; Akimoto, Hidetoshi; and Nomori, Hiroyuki, to Konishiroku Photo Industry Co., Ltd. Method for removing a selenium layer from a substrate. 4,501,621, 2-26-85, Cl. 134-17.000.

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  Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.

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Abe, Osamu: *See*—
  Mouri, Yasunori; Abe, Osamu; and Teragakiuchi, Akira, 4,532,593, Cl. 364-431.110.
  Shimada, Shigeru; Kakumoto, Shigeru; and Abe, Osamu, 4,550,434, Cl. 382-9.000.

Abe, Riichi; Tsuruta, Katsuji; and Tsujikado, Seiji, to Kabushiki Kaisha Komatsu Seisakusho. Multi-layer padding welding method. 4,491,266, 1-1-85, Cl. 228-225.000.

Abe, Ryoji: *See*—
  Tanaka, Toshimitsu; Abe, Ryoji; and Asanomi, Koji, 4,541,399, Cl. 123-573.000.

Abe, Ryozo; and Sakurai, Masaki, to Victor Company of Japan, Ltd. Reproducing apparatus for reproducing recorded signals from a rotary recording medium. 4,561,026, 12-24-85, Cl. 358-336.000.

Abe, Ryozo: *See*—
  Sigiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,516,161, Cl. 358-342.000.
  Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,496,993, Cl. 358-335.000.
  Sugiyama, Hiroyuki; Abe, Ryozo; and Yoshihara, Kenji, 4,499,505, Cl. 358-342.000.
  Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,500,983, Cl. 369-77.200.
  Sugiyama, Hiroyuki; Abe, Ryozo; Yusa, Yasuhiro; Sakurai, Masaki; and Yoshihara, Kenji, 4,520,473, Cl. 369-126.000.
  Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,530,013, Cl. 358-335.000.
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Abe, Seiko: *See*—
  Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.
  Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,529,164, Cl. 251-129.000.
  Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, 4,546,749, Cl. 123-506.000.
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Abe, Seimei: *See*—
  Yokoe, Sadao; Abe, Seimei; Wakata, Shoichi; Endou, Satosi; and Onozawa, Kazuyoshi, 4,519,549, Cl. 239-703.000.

Abe, Seizaburo: *See*—
  Mizunuma, Takehisa; Abe, Seizaburo; Ohno, Jiro; and Kobayashi, Hisashi, 4,491,487, Cl. 148-6.210.

Abe, Shigeo: *See*—
  Tanaka, Shun-ichiro; Mizunoya, Nobuyuki; and Abe, Shigeo, 4,542,073, Cl. 428-446.000.

Abe, Shigeya: *See*—
  Ito, Teruyoshi; and Abe, Shigeya, 4,527,535, Cl. 123-617.000.

Abe, Shinichi; Taura, Mitsuharu; Amano, Hidetoshi; and Mizuno, Toshiaki, to Toyota Jidosha Kabushiki Kaisha; and Nippondenso Co., Ltd. Method of and device for controlling fuel injection in internal combustion engine. 4,512,320, 4-23-85, Cl. 123-492.000.

Abe, Shinichi: *See*—
  Amano, Hidetoshi; Abe, Shinichi; Taura, Mitsuharu; and Mizuno, Toshiaki, 4,543,937, Cl. 123-491.000.

Abe, Shinji: *See*—
  Fujikawa, Tetsuzo; and Abe, Shinji, 4,538,568, Cl. 123-310.000.

Abe, Shinya: *See*—
  Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, 4,491,592, Cl. 424-318.000.
  Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajiwara, Akiharu; and Ota, Kiichiro, 4,522,759, Cl. 260-404.000.

Abe, Shozo, to NGK Insulators, Ltd. Ceramic leadless packages and a process for manufacturing the same. 4,525,597, 6-25-85, Cl. 174-52.0FP.

Abe, Shuji; Abe, Tatsumi; and Sakamoto, Fumimaro, to Abeseiki Co., Ltd. Press for adjusting and inspecting molds. 4,556,380, 12-3-85, Cl. 425-188.000.

Abe, Shunichi; Akiyama, Mitsuo; and Kudo, Yoshihiko, to Konishiroku Photo Industry Co., Ltd. Circuit for electric power source. 4,538,231, 8-27-85, Cl. 364-483.000.

Abe, Susumu; Munakata, Akio; and Kitahara, Takeshi, to Fujitsu Limited. Image data conversion method and character code/character pattern conversion apparatus. 4,516,173, 5-7-85, Cl. 358-261.000.

Abe, Tadafumi; and Takahashi, Isao, to Tachikawa Spring Co., Ltd. Vehicle seat. 4,534,595, 8-13-85, Cl. 297-452.000.

Abe, Tadafumi: *See*—
  Sakamoto, Takao; and Abe, Tadafumi, 4,521,473, Cl. 428-82.000.
  Urai, Muneharu; Abe, Tadafumi; Haraguchi, Youichirou; Hayashi, Koji; and Kon, Shigeki, 4,519,862, Cl. 156-219.000.

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Abe, Takao: *See*—
  Shirota, Norihisa; and Abe, Takao, 4,517,552, Cl. 340-347.0DD.

Abe, Takeo: *See*—
  Masuda, Teruo; Abe, Takeo; and Koike, Matsuhiro, 4,498,477, Cl. 128-378.000.

Abe, Tatsumi: *See*—
  Abe, Shuji; Abe, Tatsumi; and Sakamoto, Fumimaro, 4,556,380, Cl. 425-188.000.

Abe, Tetsuro: *See*—
  Shiraki, Hiroyuki; and Abe, Tetsuro, 4,507,458, Cl. 528-49.000.

Abe, Tetsuya: *See*—
  Kobayashi, Naotake; Abe, Tetsuya; and Fujiwara, Yoshio, 4,522,881, Cl. 428-336.000.

Abe, Tokuji: *See*—
  Tsuchida, Michinori; Abe, Tokuji; and Kitamura, Hajime, 4,497,722, Cl. 252-62.540.
  Tsuchida, Michinori; Shimizu, Toshihide; Kaneko, Ichiro; and Abe, Tokuji, 4,543,382, Cl. 524-267.000.

Abe, Tomoaki; Kinugawa, Masumi; and Hiromasa, Shunichiro, to Nippondenso Co., Ltd. Method for correcting a controlled variable for the control of the operation of an internal combustion engine on the basis of the quantity of suction air. 4,527,530, 7-9-85, Cl. 123-494.000.

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Abe, Toshiro: *See*—
  Hama, Hiroaki; and Abe, Toshiro, 4,507,938, Cl. 62-324.100.
  Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,531,484, Cl. 123-192.00R.
  Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,537,275, Cl. 180-300.000.

Abe, Toshiyuki: *See*—
  Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.

Abe, Wataru: *See*—
  Kitta, Toshiyuki; and Abe, Wataru, 4,557,087, Cl. 52-230.000.

Abe, Yasuaki; Hayashi, Mikio; Asagi, Kousaku; Mori, Akira; and Fujimura, Kazutoshi, to Sumitomo Chemical Company, Limited. Process for continuous production of prepreg sheets. 4,495,017, 1-22-85, Cl. 156-181.000.

Abe, Yasuhiro: *See*—
  Ryoke, Katsumi; Abe, Yasuhiro; Iida, Shinobu; and Tadokoro, Eiichi, 4,552,798, Cl. 428-194.000.

Abe, Yoichi: *See*—
  Matsumoto, Hajime; and Abe, Yoichi, 4,512,748, Cl. 446-354.000.

Abe, Yoshiaki, to Kao Soap Co., Ltd. Hair rinse composition. 4,493,824, 1-15-85, Cl. 424-70.000.

Abe, Yoshiaki; Nishimura, Yutaka; and Sugimoto, Hitoshi, to Diesel Kiki Co., Ltd. Circuit for controlling glow plug energization. 4,516,543, 5-14-85, Cl. 123-179.00H.

- Abe, Yoshiaki, to Kao Corporation. Hair treatments. 4,530,829, 7-23-85, Cl. 424-70.000.
- Abe, Yoshiaki; and Koyama, Masaaki. Multi-layer coating method based on spectral reflectance of white or gray colors. 4,546,007, 10-8-85, Cl. 427-3.000.
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- Abe, Yoshinori: *See—*
  - Matsunawa, Masahiko; and Abe, Yoshinori, 4,495,522, Cl. 358-280.000.
- Abe, Yoshio: *See—*
  - Hoshi, Hideaki; Okumura, Jun; Naito, Takayuki; Abe, Yoshio; and Aburaki, Shimpei, 4,520,022, Cl. 514-200.000.
- Abe, Yuji: *See—*
  - Matsumoto, Seishi; Nakashimizu, Takeo; and Abe, Yuji, 4,549,617, Cl. 177-1.000.
  - Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.
- Abe, Yumiko; and Yasuda, Kenji, to Hitachi, Ltd. Electrochemical sensor capable of determining hydrogen peroxide concentration and analyzer using the same. 4,525,265, 6-25-85, Cl. 204-403.000.
- Abecassis, Jacky: *See—*
  - Boiron, Jean; Boiron, Christian; Abecassis, Jacky; and Favier, Andre-Marcel, 4,537,512, Cl. 366-132.000.
- Abedi, Hedayat: *See—*
  - Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,533,572, Cl. 427-216.000.
  - Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,541,867, Cl. 75-58.000.
- Abeelen, Petrus C. A. M. V.; Bussink, Jan; and Heuschen, Jean M. H., to General Electric Company. High impact, high modulus fiber reinforced linear polyester. 4,539,350, 9-3-85, Cl. 523-527.000.
- Abegg, M. Taylor; Peterson, John A.; Jessop, Harvey A., deceased; and by Lavery, Ormond F., personal representative, to Megabar Explosives Corporation. Soft composite explosives and process for making same. 4,552,597, 11-12-85, Cl. 149-2.000.
- Abel, Donald, to Morton Glass Works. Apparatus for cutting glass into various shapes. 4,497,477, 2-5-85, Cl. 269-303.000.
- Abel, Earl E. Security lock for sliding doors or windows. 4,493,501, 1-15-85, Cl. 292-263.000.
- Abel, Edward P.; and Bowman, Wayne A., to Eastman Kodak Company. Photographic material with a temporary barrier layer comprising a chill-gelable polymer. 4,504,569, 3-12-85, Cl. 430-214.000.
- Abel, Hal P., to Hughes Aircraft Company. Solderable plated plastic components and process for plating. 4,495,253, 1-22-85, Cl. 428-624.000.
- Abel, Heinz; and Guth, Christian, to Ciba-Geigy Corporation. Wetting agents and their use as mercerizing assistants. 4,494,952, 1-22-85, Cl. 8-125.000.
- Abel, Heinz; and Guth, Christian, to Ciba-Geigy Corporation. Aqueous composition of polymaleic acid, surfactants and complexing agents, and its preparation and use as an assistant in the pretreatment of cellulose-containing fibre materials. 4,539,353, 9-3-85, Cl. 524-123.000.
- Abel, Heinz, to Ciba-Geigy Corporation. Detergent composition for washing off dyeings obtained with fibre-reactive dyes and washing process comprising the use thereof. 4,545,919, 10-8-85, Cl. 252-174.180.
- Abel, Heinz; and Topfl, Rosemarie, to Ciba-Geigy Corporation. Compositions of polymers based on acrylic acid, solvents, surfactants and, if appropriate, silicone oils, their preparation and their use as antifoams and deaerating agents. 4,559,162, 12-17-85, Cl. 252-321.000.
- Abel, Irving R.: *See—*
  - Howard, James W.; and Abel, Irving R., 4,507,551, Cl. 250-216.000.
- Abel, Jonathan S.: *See—*
  - Mazurek, Harry; Day, David R.; Maby, Edward W.; and Abel, Jonathan S., 4,491,605, Cl. 427-38.000.
- Abel, Kenneth N.; and Dunn, Gerald R., to Burroughs Corporation. Method of removing a soldered integrated circuit package from a printed circuit board. 4,561,586, 12-31-85, Cl. 228-264.000.
- Abel, Peter T.: *See—*
  - Memmer, Timothy L.; and Abel, Peter T., 4,557,977, Cl. 428-421.000.
- Abel, William E., to Sentrol, Inc. Housing for an electronic circuit board. 4,513,354, 4-23-85, Cl. 361-399.000.
- Abel, William E., to Sentrol, Inc. Supervised wireless security system. 4,523,184, 6-11-85, Cl. 340-539.000.
- Abele, Anton: *See—*
  - Bihler, Franz; and Abele, Anton, 4,556,229, Cl. 280-5.220.
- Abele, Gunter, to Machinefabriek G. J. Nijhuis B.V. Apparatus for unhairing slaughtered livestock. 4,512,058, 4-23-85, Cl. 17-20.000.
- Abele, John E.: *See—*
  - Gelinas, Sandra L.; Cerundolo, Daniel G.; and Abele, John E., 4,522,212, Cl. 128-642.000.
- Abele, Ludwig: *See—*
  - Scherl, Wolfgang; Abele, Ludwig; and Wahl, Friedrich M., 4,503,556, Cl. 382-9.000.
  - Scherl, Wolfgang; Abele, Ludwig; Wahl, Friedrich M.; and Fuchsberger, Hermann, 4,504,972, Cl. 382-51.000.
- Abele, Manlio, to New York University. Apparatus for stereotactic surgery. 4,501,009, 2-19-85, Cl. 378-19.000.
- Abele, Wolfgang P., to Exxon Research & Engineering Co. Impact resistant bag with increased circumferential yarn strength. 4,505,201, 3-19-85, Cl. 102-324.000.
- Abelein, Dewayne M.: *See—*
  - Mosbrucker, Gregory A.; and Abelein, Dewayne M., 4,497,337, Cl. 137-247.250.
- Abeles, Benjamin: *See—*
  - Tiedje, J. Thomas; Morel, Don L.; and Abeles, Benjamin, 4,546,009, Cl. 427-39.000.
  - Tiedje, Thomas; and Abeles, Benjamin, 4,514,582, Cl. 136-256.000.
- Abelitis, Andris: *See—*
  - Herchenbach, Horst; and Abelitis, Andris, 4,530,661, Cl. 432-106.000.
- Abell, R. Bruce, to Refractory Products Co. Electric furnace insulation. 4,493,089, 1-8-85, Cl. 373-130.000.
- Abellana, Jovito N.; and Duwel, Edward C., to Pitney Bowes Inc. Postage meter system for communicating platen movement to a microprocessor to signal completion of printing. 4,519,048, 5-21-85, Cl. 364-900.000.
- Abellana, Jovito N.; and Nambudiri, Easwaran C. N., to Pitney Bowes Inc. Mailing machine with envelope insertion sensing apparatus. 4,523,523, 6-18-85, Cl. 101-235.000.
- Abels, Martin: *See—*
  - Woditsch, Peter; Abels, Martin; and Brazel, Berthold, 4,525,334, Cl. 423-324.000.
- Abels, Theodor, to Linde Aktiengesellschaft. Hydrostatic-transmission control system, especially for lift and other industrial vehicles. 4,546,847, 10-15-85, Cl. 180-307.000.
- Abend, Robert J.; and Shelton, C. Byron, Jr., to Harris Corporation. Method of fabricating an IC including electro-optical transmitters and receivers. 4,549,338, 10-29-85, Cl. 29-569.00L.
- Abendroth, Paul: *See—*
  - Despot, Janko; and Abendroth, Paul, 4,495,863, Cl. 101-350.000.
  - Mathes, Josef; Abendroth, Paul; Holl, Roland; and Seikel, Wolfgang, 4,530,283, Cl. 101-230.000.
- Abendroth, Werner: *See—*
  - Urbye, Klaus; and Abendroth, Werner, 4,552,623, Cl. 202-248.000.
- Abendstein, Karl: *See—*
  - Pochmarski, Luzian; Koller, Otto; and Abendstein, Karl, 4,525,211, Cl. 75-58.000.
- Aberegg, Dale: *See—*
  - Calvert, Scott A.; Gelin, Robert J.; and Aberegg, Dale, 4,541,130, Cl. 4-593.000.
- Aberg, Gunnar A. K.; Maroko, Peter R.; and af Ekenstam, Bo T., to Aberg, Gunnar A. K. Method and composition for the treatment of cardiac arrhythmias. 4,556,664, 12-3-85, Cl. 514-330.000.
- Aberg, Kerstin, Guje Slungaard, legal representatives: *See—*
  - Nilsson, Rolf; Bjornfoth, Hakan; and Slungaard, Knut, deceased, 4,543,808, Cl. 72-137.000.
- Aberkrom, Peter, to Nemag B.V. Grab. 4,538,848, 9-3-85, Cl. 294-68.230.
- Aberle, Leonard J.; Kim, Dong W.; Lees, Robert; Vermeer, Dick C.; Wohnig, Ernest W.; and Yates, Samuel L., to Allied Corporation. Yarn texturing by moving cavity jet with fluid removal. 4,519,116, 5-28-85, Cl. 28-257.000.
- Abernathey, John R.; and Koburger, Charles W., III, to International Business Machines Corporation. Vertically isolated complementary transistors. 4,556,585, 12-3-85, Cl. 427-85.000.
- Aberson, Gerard M.; and Ring, Gerard J. F., to Kimberly-Clark Corporation. Delayed-swelling absorbent systems. 4,548,847, 10-22-85, Cl. 428-74.000.
- Abeseiki Co., Ltd.: *See—*
  - Abe, Shuji; Abe, Tatsumi; and Sakamoto, Fumimaro, 4,556,380, Cl. 425-188.000.
- Abet Group, The: *See—*
  - Beckman, John B.; and Blickstein, Martin J., 4,519,751, Cl. 417-322.000.
- Abex Corporation: *See—*
  - Alt, Mark R.; and Olds, John R., 4,525,994, Cl. 59-85.000.
  - Bownass, Norris; and Clarkson, Donald J., 4,515,184, Cl. 137-625.660.
  - Cerny, Frank T.; and Lapsker, Irving, 4,501,347, Cl. 188-250.00G.
  - Khandros, Igor Y.; and Larson, Hugo R., 4,536,232, Cl. 148-35.000.
  - Nolden, Wilhelm, 4,508,011, Cl. 91-506.000.
  - Olds, John R.; and Alt, Mark R., 4,517,756, Cl. 37-118.00R.
- Abeysekera, Ratnayake M. S. S.: *See—*
  - Persoon, Eric H. J.; and Abeysekera, Ratnayake M. S. S., 4,501,016, Cl. 382-22.000.
- ABG-Werke GmbH: *See—*
  - Heims, Dirk; Ottermann, Hans-Gert; and Prang, Robert, 4,507,014, Cl. 404-102.000.
- Abic Ltd.: *See—*
  - Daniel, Nisim, 4,515,590, Cl. 604-144.000.
- Abiko, Kenzi: *See—*
  - Abe, Masayuki; Ikoma, Junichi; and Abiko, Kenzi, 4,497,003, Cl. 360-97.000.
- Abiko, Shuzo: *See—*
  - Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, 4,506,220, Cl. 324-252.000.
- Abildgaard, Niels: *See—*
  - Jensen, Hans-Erik K.; Abildgaard, Niels; and Nielsen, Steen H., 4,545,259, Cl. 73-861.280.
- Abileah, Adi; Gafni, Giora; and Simerman, Miguel O., to Elscint Inc. Gamma camera with light guide having greater index of refraction. 4,532,425, 7-30-85, Cl. 250-363.00S.

Abishev, Dzhantore N.: *See—*
Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.

Abitibi Paper Company Ltd.: *See—*
Zajic, James E.; Hill, Martha A.; Manchester, Donald F.; and Muzika, Karel, 4,559,305, Cl. 435-243.000.

Abitibi-Price Inc.: *See—*
Tay, Ching-Hua; and Fairchild, Raymond S., 4,549,929, Cl. 162-78.000.

Abitz, Ronald E.: *See—*
Ware, Warren O.; Borst, Gary M.; and Abitz, Ronald E., 4,492,169, Cl. 108-6.000.

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Abkowitz, Martin A.: *See—*
Badesha, Santokh S.; and Abkowitz, Martin A., 4,520,010, Cl. 427-83.000.
Mammino, Joseph; Sypula, Donald S.; Abramsohn, Dennis A.; Abkowitz, Martin A.; and Scharfe, Merlin E., 4,515,882, Cl. 430-58.000.

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De Vita, Joseph P.; Mulder, Thomas J.; O'Mohundro, Kenneth J.; Wellington, Leslie J.; Deeter, Wayne R.; and Sternaman, Larry D., 4,547,880, Cl. 370-91.000.

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Henry, Michael D.; Ableidinger, Bruce J.; and Agarwal, Nirmal K., 4,513,395, Cl. 364-900.000.

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Ablewhite, John H.: *See—*
Bennett, Walter; Ablewhite, John H.; and Bryant, Anthony J., 4,495,001, Cl. 148-11.50A.

ABM Industries, Inc.: *See—*
Schwarzberger, Michael, 4,505,212, Cl. 112-118.000.

Abner, David K.: *See—*
Jenkins, Richard L.; Pettus, John A.; and Abner, David K., 4,521,225, Cl. 55-18.000.

Abney, Paul A.: *See—*
Martell, Charles R.; Isett, Donald D.; and Abney, Paul A., 4,513,676, Cl. 112-262.100.

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Hubert, Jean-Marie; Bauer, Jean-Michel; and Abouchar, Raif, 4,561,461, Cl. 137-561.00A.

Aboud, Fred G. Safety closure and container. 4,511,049, 4-16-85, Cl. 215-216.000.

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Taylor, Ronald P.; Cekoric, Mark E.; Dewhurst, John E.; and Abouzahr, Saad M., 4,519,965, Cl. 264-51.000.

Abplanalp, Robert H. Apparatus for the mass production of a gasket-bearing aerosol mounting cup. 4,546,525, 10-15-85, Cl. 29-33.00K.

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Sestanj, Kazimir; Fung, Steven; Abraham, Nedumparambil A.; and Bellini, Francesco, 4,499,310, Cl. 568-634.000.

Abraham, Nicholas F., to World Video Library, Inc. Recorded program communication system. 4,521,806, 6-4-85, Cl. 358-86.000.

Abraham, Samuel R. Vehicle gasoline tank cap for gasoline pump flow control. 4,544,007, 10-1-85, Cl. 141-392.000.

Abrahams, Louis: *See—*
Hutchins, Burleigh M.; Dunlap, Raymond R.; and Abrahams, Louis, 4,507,044, Cl. 414-744.00R.
Hutchins, Burleigh M.; and Abrahams, Louis, 4,510,684, Cl. 29-703.000.

Abrahams, Sanders L., to Burroughs Wellcome Co. Antithrombotic agent. 4,491,591, 1-1-85, Cl. 424-274.000.

Abrahamsen, Christian T. Scraper for gutters. 4,531,254, 7-30-85, Cl. 15-236.00R.

Abrahamson, Carl W.: *See—*
Nepper, Robert F.; Solyntjes, Alan J.; and Abrahamson, Carl W., 4,523,836, Cl. 355-16.000.

Abrahamson, Daniel P.: *See—*
Thomas, Paul M.; and Abrahamson, Daniel P., 4,492,503, Cl. 414-152.000.

Abrahamson, John C., to Custom Touch Electronics. Touch responsive security and antitheft system. 4,507,644, 3-26-85, Cl. 340-64.000.

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Abramo, Aina L.: *See—*
Bjork, Anders K.; Abramo, Aina L.; and Christensson, Erik G., 4,492,698, Cl. 424-250.000.

Abramo, Carlos A. D. System for the refrigeration of liquids and/or gases. 4,523,637, 6-18-85, Cl. 165-104.340.

Abramov, Vsevolod V.; Kuznetsov, Vsevolod V.; Veselov, Alexandr V.; Tkhai, Vitaly S.; Rysin, Nikolai I.; and Gerasimov, Vasily I. Injection mold with replacable insert in mold cavity outlet opening. 4,501,549, 2-26[illegible], Cl. 425-542.000.

Abramowitz, Walter: *See—*
Wachspress, Melvin H.; and Abramowitz, Walter, 4,520,363, Cl. 343-828.000.

Abrams, Bernard W.; and Karbo, Donald J., to Gould Inc. Vibration isolation assembly. 4,546,960, 10-15-85, Cl. 267-136.000.

Abrams, Charles F. Mold. 4,519,765, 5-28-85, Cl. 425-263.000.

Abrams, John C., to Potters Industries, Inc. Conductive paste, electroconductive body and fabrication of same. 4,496,475, 1-29-85, Cl. 252-514.000.

Abrams, Lawrence M., to HRI, Inc. Quenching hydrocarbon effluent from catalytic reactor to avoid precipitation of asphaltene compounds. 4,495,060, 1-22-85, Cl. 208-48.00Q.

Abrams, Lloyd W.: *See—*
Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., 4,557,952, Cl. 427-432.000.

Abrams, Richard L.; Henderson, David M.; Pinnow, Douglas A.; and Stephens, Ronald R., to United States of America, Air Force. Imag-

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Abrams, Stanton, to Shelley Manufacturing Company, Division of Alco Food Service Equipment Company. Food products washing and drying machine. 4,548,221, 10-22-85, Cl. 134-141.000.
Abrams, Wayne A.: *See—*
  Nall, Kent J.; Barteldes, W. Christopher; Payne, David W.; Rome, Charles P.; and Abrams, Wayne A., 4,552,120, Cl. 124-1.000.
Abrams, William C. Apparatus for applying a coating material. 4,524,715, 6-25-85, Cl. 118-221.000.
Abramsohn, Dennis A.: *See—*
  Mammino, Joseph; Sypula, Donald S.; Abramsohn, Dennis A.; Abkowitz, Martin A.; and Scharfe, Merlin E., 4,515,882, Cl. 430-58.000.
Abramson, Daniel. Surgical drain. 4,508,533, 4-2-85, Cl. 604-35.000.
Abramson, Harold C., Jr., to Dow Chemical Company, The. Load securing assembly for a forklift truck. 4,538,953, 9-3-85, Cl. 414-608.000.
Abrant, Robert J., to GTE Automatic Electric Laboratories Incorporated. Memory access selection circuit. 4,539,656, 9-3-85, Cl. 364-900.000.
Abrioux, Andre H.; Corcuff, Pierre; and Leveque, Jean L., to L'Oreal. Disconnectible apparatus comprising a double bayonet coupling. 4,494,555, 1-22-85, Cl. 128-755.000.
Abrokwah, Jonathan K., to Honeywell Inc. Control of Si doping in GaAs, (Al,Ga)As and other compound semiconductors during MBE growth. 4,550,031, 10-29-85, Cl. 427-10.000.
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  van Deursen, Petrus H.; Svab, Eugen; and Abromeit, Gerhard, 4,528,870, Cl. 74-701.000.
Absenger, Erich: *See—*
  Hatz, Ernst; and Absenger, Erich, 4,510,897, Cl. 123-90.480.
Abt, Anton, to Reich Spezialmaschinen GmbH. Panel sawing apparatus. 4,555,969, 12-3-85, Cl. 83-471.300.
Abt, Edgar J.; Van Buren, Phillip D.; and Witter, James P., to Motorola, Inc. Fast indexing encoder apparatus. 4,559,525, 12-17-85, Cl. 340-347.00P.
Abt, Edgar J.: *See—*
  Van Buren, Phillip D.; and Abt, Edgar J., 4,544,913, Cl. 340-347.00P.
Abt, Franz: *See—*
  Staudenrausch, Georg; Abt, Franz; Kern, Manfred; and Zinser, Georg, 4,547,931, Cl. 17-1.00F.
Abt, Jurgen; Handtmann, Dieter; Schwartz, Reinhard; and Wocher, Bertold, to Robert Bosch GmbH. Arrangement for measuring injection quantities. 4,546,648, 10-15-85, Cl. 73-119.00A.
Abu Aktiebolag: *See—*
  Carlsson, Lars-Olof, 4,535,952, Cl. 242-84.20G.
Abu-Isa, Ismat A., to General Motors Corporation. Thermal sensing element using methanol saturated fluorocarbon elastomer as the heat responsive material. 4,541,735, 9-17-85, Cl. 374-188.000.
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Abu-Isa, Ismat A.; Wang, Chen-Shih; McCarthy, Daniel P.; and Patterson, David W., to General Motors Corporation. Bonding EPDM gaskets to filled nylon heat exchanger parts. 4,559,688, 12-24-85, Cl. 29-157.30R.
Abu-Moustafa, Magda; and Valayil, Silvester P., to Shipley Company Inc. Electroless copper plating. 4,539,044, 9-3-85, Cl. 106-1.230.
Abu-Moustafa, Magda: *See—*
  Valayil, Silvester; Abu-Moustafa, Magda; and Benjamin, Terry A., 4,512,818, Cl. 148-6.14R.
Abubakari, Allassan; and Holstein, Alfred H., to Syntex (U.S.A.) Inc. Process for removing trace amounts of hydrazine. 4,532,318, 7-30-85, Cl. 528-483.000.
Aburaki, Shimpei; Kamachi, Hajime; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, to Bristol-Myers Company. Cephalosporins. 4,525,473, 6-25-85, Cl. 514-202.000.
Aburaki, Shimpei: *See—*
  Hoshi, Hideaki; Okumura, Jun; Naito, Takayuki; Abe, Yoshio; and Aburaki, Shimpei, 4,520,022, Cl. 514-200.000.
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Aburatani, Kenji: *See—*
  Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.
Abuyama, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus. 4,540,274, 9-10-85, Cl. 355-14.0FU.
Abuyama, Yasuo, to Kabushiki Kaisha Toshiba. Return speed control system for use in a document scanning apparatus. 4,557,585, 12-10-85, Cl. 355-8.000.
Abys, Joseph A.; and Okinaka, Yutaka, to AT&T Bell Laboratories. Electrodes for palladium electroplating process. 4,493,754, 1-15-85, Cl. 204-47.000.
Abys, Joseph A.; and Okinaka, Yutaka, to AT&T Bell Laboratories. Palladium compound synthesis procedure. 4,512,963, 4-23-85, Cl. 423-387.000.
Acampora, Alfonse, to RCA Corporation. Digital signal separation filters. 4,524,423, 6-18-85, Cl. 364-724.000.
Acampora, Alfonse, to RCA Corporation. Sampled data filter system as for a digital TV. 4,542,475, 9-17-85, Cl. 364-724.000.
Acampora, Alfonse, to RCA Corporation. Circuitry for correcting motion induced errors in frame comb filtered video signals. 4,553,158, 11-12-85, Cl. 358-31.000.
Acampora, Alfonse, to RCA Corporation. Pre-emphasis and de-emphasis filters for a composite NTSC format video signal. 4,561,012, 12-24-85, Cl. 358-11.000.
Acampora, Alfonse: *See—*
  Bunting, Richard M.; and Acampora, Alfonse, 4,498,100, Cl. 358-31.000.
Acampora, Anthony, to AT&T Bell Laboratories. Transmitter and receivers using resource sharing and coding for increased capacity. 4,495,619, 1-22-85, Cl. 370-104.000.
Acarnley, Paul P.: *See—*
  Hill, Roland J.; and Acarnley, Paul P., 4,520,302, Cl. 318-696.000.
Access Engineering Ltd.: *See—*
  Garton, John W., 4,498,556, Cl. 182-19.000.
Accettella, Serge: *See—*
  Goulard, Claude; Accettella, Serge; Cathaly-Pretou, Gerard; Fages, Bernard; Jeannin, Daniel; Laloux, Philippe; and Le Fur, Jean, 4,501,489, Cl. 355-54.000.
Acciai, Michael; Pigos, Charles R.; and Speicher, Charles G., to International Business Machines Corporation. Electrode configuration for the print head of an electrolytic printer. 4,502,063, 2-26-85, Cl. 346-155.000.
Acco Babcock Inc.: *See—*
  Kottke, Louis E., 4,538,440, Cl. 72-189.000.
Acco Industries Inc.: *See—*
  Bogel, Graham D., 4,526,513, Cl. 417-5.000.
Accu Tech Associates, Inc.: *See—*
  McCollum, William A.; and Larsen, William, 4,539,842, Cl. 73-168.000.
Accumulatorenwerke Hoppecke Carl Zoellner & Sohn GmbH & Co. KG: *See—*
  Ruch, Jean; Katryniok, Detlef; and Pack, Hugo, 4,507,367, Cl. 429-27.000.
Accupac, Inc.: *See—*
  Powers, Richard, 4,535,823, Cl. 141-5.000.
Accurate Metal Weather Strip Company: *See—*
  Kammerer, Fred R., 4,545,566, Cl. 251-357.000.
AccuRay Corporation: *See—*
  Domin, Thomas M.; Landis, Dan R.; and Williams, Paul, 4,528,507, Cl. 324-229.000.
  Johansson, Bengt A.; and Brodin, Peter, 4,526,654, Cl. 162-259.000.
AccuSpray, Inc.: *See—*
  Muck, Jack E., 4,530,469, Cl. 239-569.000.
  Muck, Jack E., 4,531,675, Cl. 239-290.000.
Accutome, Inc.: *See—*
  Kremer, Frederic B.; and O'Brien, Edward R., III, 4,546,773, Cl. 128-660.000.
ACD, Inc.: *See—*
  Irvine, Michael D., 4,555,637, Cl. 290-52.000.
Ace Controls, Inc.: *See—*
  Colliau, Joel D., 4,534,683, Cl. 408-17.000.
Ace Glass Incorporated: *See—*
  Riley, Larry T., 4,535,969, Cl. 251-215.000.
Ace, Marshall E., Jr., deceased (by Ramsey, David L., executor); Mattson, Ray W.; and Wittenberg, Mark S., to Mattel, Inc. Child's playset. 4,536,162, 8-20-85, Cl. 446-102.000.
ACE Orthopedic Company: *See—*
  Stednitz, Denis P., 4,522,200, Cl. 128-92.0BC.
Ace Pak Company Incorporated: *See—*
  Nakajima, Mutsuhiko, 4,509,312, Cl. 53-375.000.
  Nakajima, Mutsuhiko, 4,516,381, Cl. 53-375.000.
  Nakajima, Mutsuhiko, 4,516,382, Cl. 53-375.000.
Ace Pest & Termite Control Co.: *See—*
  Agron, Michael H.; Buch, James R.; and LaVoie, Robert E., 4,517,557, Cl. 340-540.000.
Ace, Ronald, to Ace Sophisticates, Inc. Spectrophotometer for measuring absorption characteristics of a complex lens. 4,549,081, 10-22-85, Cl. 250-372.000.
Ace Sophisticates, Inc.: *See—*
  Ace, Ronald, 4,549,081, Cl. 250-372.000.
Acebee Manufacturing Co.: *See—*
  Thorschmidt, Donald, 4,540,390, Cl. 493-23.000.
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  Maples, Stephen S., 4,505,158, Cl. 73-766.000.
  Maples, Stephen S., 4,543,732, Cl. 33-502.000.
Aceto, Roger, to Union Carbide Corporation. Expandable casing sizing mechanism and method. 4,535,508, 8-20-85, Cl. 17-49.000.
ACF Industries, Incorporated: *See—*
  Bathe, John G., 4,534,913, Cl. 261-34.00B.
  Doerr, Richard D.; Muller, J. Joseph; and Green, William A., 4,553,076, Cl. 318-282.000.
  Dugge, Richard H., 4,544,306, Cl. 406-30.000.
  Fischer, Robert L.; Pulcrano, Frank C.; Coldiron, Lee C.; Topping, Terry M.; Potter, J. H.; and Owens, Robert H., 4,557,661, Cl. 414-730.000.
  Gilbert, Richard L., 4,543,851, Cl. 74-531.000.
  Jantzen, Steven L., 4,504,047, Cl. 269-43.000.
  Randolph, Robert W., 4,528,913, Cl. 105-282.00A.
  Randolph, Robert W., 4,544,072, Cl. 213-166.000.
  Ruhmann, Douglas C.; Vorwerk, Frederick E.; and Mundloch, James D., 4,497,258, Cl. 105-248.000.
  Tansuwan, Chusak, 4,512,309, Cl. 123-425.000.
  Vorwerk, Frederick E.; and Mundloch, James D., 4,498,400, Cl. 105-248.000.
Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., to United States of America, National Aeronautics and Space Administration. Phthalocyanine polymers. 4,499,260, 2-12-85, Cl. 528-229.000.

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Achard, Georges, to Rhovyl. Yarns and fibers good properties, based on atactic polyvinyl chloride, and process for the production. 4,508,778, 4-2-85, Cl. 428-364.000.

Achard, Georges; Menault, Jacques; and Thouvenot, Roger, to Rhovyl. Solutions based on polyvinyl chloride, the process for their preparation and yarns and fibres thus obtained. 4,529,768, 7-16-85, Cl. 524-365.000.

Acharya, Arun; and BeVier, William F., to Union Carbide Corporation. Attrition resistant molecular sieve. 4,526,877, 7-2-85, Cl. 502-60.000.

Acharya, Arun: *See—*
    Nowobilski, Jeffert J.; and Acharya, Arun, 4,561,498, Cl. 165-160.000.

Acharya, Kishore C.; Gilbert, Thomas J.; and Griffie, Terry R., to General Electric Company. Method of using an array processor for real time processing. 4,504,909, 3-12-85, Cl. 364-414.000.

Achee, John D.: *See—*
    Cuozzo, Anthony; and Achee, John D., 4,523,362, Cl. 29-148.40A.

Achelpohl, Fritz, to Windmoller & Holscher. Apparatus for stacking flat articles. 4,547,111, 10-15-85, Cl. 414-27.000.

Acheson Industries, Inc.: *See—*
    Stoetzer, Steven R., 4,517,118, Cl. 252-513.000.
    Stoetzer, Steven R., 4,518,524, Cl. 252-514.000.

Achia, Biddanda U.; Shaw, David H.; and Bushnell, James D., to Exxon Research & Engineering Co. Method for increasing deasphalted oil production. 4,522,710, 6-11-85, Cl. 208-349.000.

Achiba, Keiichi: *See—*
    Shinozaki, Yoshinobu, Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Achiha, Masahiko; and Ishikura, Kazuo, to Hitachi, Ltd. Color television signal processing circuit. 4,530,004, 7-16-85, Cl. 358-11.000.

Achilles Corporation: *See—*
    Iizuka, Yoshinori, and Kobori, Kazuo, 4,528,927, Cl. 114-125.000.

Achinger, Michael; Jaeger, Erhard; Lipp, Reinhold; and Streitenberger, Walter, to Achinger, Michael. Molding machine for making flaskless molds. 4,537,238, 8-27-85, Cl. 164-169.000.

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Achtnig, Klaus-Peter: *See—*
    Forberg, Horst; Achtnig, Klaus-Peter; Hegner, Gunter; and Boes, Gerhard, 4,533,196, Cl. 339-97.00P.

Achtstaetter, Gerhard, to ITT Industries, Inc. Digital circuit for generating a binary signal on the occurrence of a given frequency ratio of two signals. 4,504,862, 3-12-85, Cl. 358-158.000.

ACI Australia Limited: *See—*
    Marshall, Stephen; and An, Hung D., 4,549,387, Cl. 53-469.000.
    Powell, Roger M.; Marshall, Steven; and Waterworth, Philip D., 4,530,202, Cl. 53-426.000.

Aciers et Outillage Peugeot: *See—*
    Briche, Paul, 4,526,156, Cl. 123-552.000.
    Escaravage, Gerard, 4,554,808, Cl. 70-279.000.

Acitelli, Mario A.; Tynan, Richard F.; and Wayson, Alan R., to International Business Machines Corporation. Article identification material and method and apparatus for using it. 4,540,595, 9-10-85, Cl. 427-7.000.

Acke, Edgar, to Siemens Aktiengesellschaft. Coaxial connector. 4,561,716, 12-31-85, Cl. 339-177.00R.

Acker, Bernd, to Daimler-Benz Aktiengesellschaft. Control system for vehicular friction-type transmission clutch. 4,503,734, 3-12-85, Cl. 74-866.000.

Acker, Loren C., to Engineering & Research Associates, Inc. Electro mechanical tubing sealer. 4,491,711, 1-1-85, Cl. 219-10.810.

Acker, Loren C.; Taylor, Junius E.; and Minney, Stephen C., to Engineering & Research Associates, Inc. Jaws for an electro-mechanical tubing sealer. 4,496,819, 1-29-85, Cl. 219-10.810.

Acker, Louis S. Multicolor light pattern image forming system. 4,527,186, 7-2-85, Cl. 358-1.000.

Acker, Richard C., to Teledyne Industries, Inc. Pressure regulating valve. 4,506,693, 3-26-85, Cl. 137-116.300.

Acker, Richard C., to Teledyne Republic Manufacturing. Multiposition selector valve. 4,538,640, 9-3-85, Cl. 137-596.000.

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Acker, Roy M.: *See—*
    Cartier, Francis R.; Stager, David N.; and Acker, Roy M., 4,527,619, Cl. 165-41.000.

Ackeret, Peter, to IDN Inventions and Development of Novelties AG. Storage device for flat recording media. 4,493,417, 1-15-85, Cl. 206-387.000.

Ackeret, Peter, to IDN Inventions and Development of Novelties AG. Recording media storage apparatus and technique. 4,538,729, 9-3-85, Cl. 206-387.000.

Ackeret, Peter, to Licinvest AG. Picture viewer. 4,546,561, 10-15-85, Cl. 40-513.000.

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Ackerman, Charles B., to Motorola, Inc. Melt level sensing system and method. 4,508,970, 4-2-85, Cl. 250-577.000.

Ackerman, Charles B., to Motorola, Inc. Linearized scanning system and method for an energy beam. 4,540,867, 9-10-85, Cl. 219-121.0LW.

Ackerman, Charles B., to Solavolt International. Apparatus and method for redirecting an incident beam. 4,560,244, 12-24-85, Cl. 350-486.000.

Ackerman, Daniel W., to Universal Instruments Corporation. Method and apparatus for proper registration of mating parts. 4,500,032, 2-19-85, Cl. 228-180.00A.

Ackerman, Don, to Economy Color Card Co., Inc. Sample book and method of making same. 4,498,828, 2-12-85, Cl. 412-4.000.

Ackerman, Gordon K. Toy display wall hanging. 4,543,278, 9-24-85, Cl. 428-18.000.

Ackerman, Jacqueline B. Decorative dispensing container. 4,497,401, 2-5-85, Cl. 206-131.000.

Ackerman, Jerome L.; Clark, Leland C., Jr.; and Thomas, Stephen R., to University of Cincinnati; and Children's Hospital Research Foundation. Methods for detecting and imaging a temperature of an object by nuclear magnetic resonance. 4,558,279, 12-10-85, Cl. 324-315.000.

Ackerman, John F., to General Electric Company. Photoluminescent phosphors and X-ray imaging systems utilizing such phosphors. 4,496,844, 1-29-85, Cl. 250-483.100.

Ackerman, John P.: *See—*
    Zwick, Stanley A.; and Ackerman, John P., 4,499,663, Cl. 29-623.100.

Ackerman, Michael H.: *See—*
    Malherbe, Roger F.; and Ackerman, Michael H., 4,547,537, Cl. 524-97.000.

Ackerman, Mitchell N.: *See—*
    Brown, Jason W.; and Ackerman, Mitchell N., 4,511,272, Cl. 401-6.000.

Ackerman, Walter T.; and Klimeck, Edward F., to Eyelet Specialty Co., Inc. Cosmetic container construction. 4,514,102, 4-30-85, Cl. 401-78.000.

Ackermann, Albert B.; Jones, Donald K.; and Holey, Timothy M., to Boeing Company, The. Escape slide deployment system. 4,512,539, 4-23-85, Cl. 244-137.00P.

Ackermann, Fritz; and Schnaibel, Eberhard, to Robert Bosch GmbH. Operator-controlled automotive gear or transmission change system. 4,505,368, 3-19-85, Cl. 192-0.092.

Ackermann, Jacques: *See—*
    Geiger, Michel; Gagnebin, Gaston; and Ackermann, Jacques, 4,544,284, Cl. 368-294.000.

Ackermann, Keith A.: *See—*
    Schoenheimer, Marcus F.; Gaskell, Lionel A., and Ackermann, Keith A., 4,492,219, Cl. 126-427.000.

Ackermann, Wilhelm; Langlitz, Karlheinz; and Schmitz, Gunter, to Mannesmann Aktiengesellschaft. Force equalizing mechanism for the wheels of heavy load-carrying rail vehicles. 4,491,074, 1-1-85, Cl. 105-164.000.

Ackerson, Arthur O., III. Method of and apparatus for opening container lids. 4,532,831, 8-6-85, Cl. 81-3.430.

Ackert, Gail M.: *See—*
    Calapp, David E.; Ackert, Gail M.; and Brown, Roger J., 4,494,939, Cl. 441-70.000.

Acklam, Donald J.; Bird, David; and Hill, Graham A., to British Aerospace Public Limited Company. Control apparatus. 4,513,235, 4-23-85, Cl. 318-685.000.

Ackland, Bryan D.; Burr, David J.; and Weste, Neil H. E., to AT&T Bell Laboratories. Time warp signal recognition processor using recirculating and/or reduced array of processor cells. 4,509,187, 4-2-85, Cl. 381-43.000.

Ackley, E. Michael. Capsule handling apparatus. 4,500,012, 2-19-85, Cl. 221-173.000.

Ackley, E. Michael. Ink reservoir removing and inserting structure for article marking apparatus. 4,528,904, 7-16-85, Cl. 101-35.000.

Ackley, Harry E., to Cincinnati Milacron Inc. Automatic toolchanger tapping lubricant dispenser. 4,555,047, 11-26-85, Cl. 222-192.000.

Ackley, James W., to Varian Associates, Inc. Load lock pumping mechanism. 4,534,314, 8-13-85, Cl. 118-733.000.

Ackley, John B. Combination sling and therapy device. 4,510,928, 4-16-85, Cl. 128-94.000.

Ackley, Mark W.; and Szafranski, Brian D., to Figgie International Inc. Sorbent type filter assembly for a respirator and method of making same. 4,543,112, 9-24-85, Cl. 55-316.000.

Ackley, Mark W.; and Szafranski, Brian D., to Figgie International Inc. Particulate air filter assembly. 4,548,626, 10-22-85, Cl. 55-316.000.

Ackley, Paul S. Ultrasonic pest repeller. 4,562,561, 12-31-85, Cl. 367-139.000.

Ackmann, Paul W.; and Bryant, Frank R., to Mostek Corporation. Recessed metallization. 4,508,815, 4-2-85, Cl. 430-314.000.

Ackrell, Jack: *See—*
    Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,543,361, Cl. 514-422.000.
    Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,548,949, Cl. 514-422.000.
    Muchowski, Joseph M.; and Ackrell, Jack, 4,548,951, Cl. 514-522.000.

- Acla, Howard L.: *See—*
  - Ritsko, Joseph E.; and Acla, Howard L., 4,495,158, Cl. 423-65.000.
  - Ritsko, Joseph E.; and Acla, Howard L., 4,537,750, Cl. 423-65.000.
- Acme Engineering & Manufacturing Corp.: *See—*
  - Bohanon, Hoy R., Sr., 4,512,242, Cl. 98-31.500.
- Acme Engineering Products Ltd.: *See—*
  - Presser, Gustave S., 4,499,377, Cl. 250-343.000.
- Acme Resin Corporation: *See—*
  - Armbruster, David R., 4,495,316, Cl. 523-139.000.
  - Laitar, Robert A., 4,514,316, Cl. 252-182.000.
  - Laitar, Robert A.; and Gomez, Eduardo, 4,546,124, Cl. 523-143.000.
- ACO Severin Ahlmann GmbH & Co. KG: *See—*
  - Karbstein, Peter, 4,560,302, Cl. 404-4.000.
- Acomb, Byron H., to Union Carbide Corporation. Gas pressure reducing regulator and adapter. 4,516,595, 5-14-85, Cl. 137-73.000.
- Acorn Engineering Company: *See—*
  - Morris, Earl L.; Hafner, V. Walter; and Hahn, Ron T., 4,492,430, Cl. 350-631.000.
  - Morris, Earl L.; and Hafner, V. Walter, 4,505,189, Cl. 98-40.190.
  - Morris, Earl L.; and Hafner, V. Walter, 4,512,241, Cl. 98-32.000.
- A'Costa, Anthony. Gun recoil protector. 4,514,862, 5-7-85, Cl. 2-268.000.
- A'Costa, Anthony. Handgun accuracy control harness. 4,515,301, 5-7-85, Cl. 224-204.000.
- A'Costa, Anthony. Rifled bore construction for a gun barrel. 4,546,564, 10-15-85, Cl. 42-76.00R.
- ACR Electronics Inc.: *See—*
  - Dhanji, Shiraz A., 4,555,457, Cl. 429-199.000.
- ACR Process Corp.: *See—*
  - Walton, Eric K., 4,527,445, Cl. 74-625.000.
- Acrobe Technology Inc.: *See—*
  - Grzybowski, Bohdan; and Horbal, Mark T., 4,518,308, Cl. 414-735.000.
- Acrometal Products, Inc.: *See—*
  - Steinback, Clarence I., 4,513,539, Cl. 51-138.000.
- Acrotechnology Corporation: *See—*
  - Ashley-Rollman, Charles D., 4,506,230, Cl. 330-10.000.
- Acrowood Corporation: *See—*
  - Terrenzio, Gabriel M., 4,513,919, Cl. 241-275.000.
- Acson, Paul; and Esposito, Anthony, to Futures Unlimited, Inc. Display element. 4,531,310, 7-30-85, Cl. 40-1.500.
- Action Concepts, Inc.: *See—*
  - Gooding, Robert J., 4,538,443, Cl. 72-416.000.
- Action Technology: *See—*
  - Gans, Leo, 4,558,889, Cl. 285-7.000.
- Actionair Equipment Limited: *See—*
  - Magill, Robert J.; Gaiger, David J.; and Simkins, Neil, 4,531,534, Cl. 137-75.000.
- Acton, Laurence L.: *See—*
  - Griggs, Michael; Acton, Laurence L.; and Hall, Gordon D., 4,520,265, Cl. 250-338.000.
- Actrol Industries Pty. Ltd.: *See—*
  - Schoenheimer, Marcus F.; Gaskell, Lionel A.; and Ackermann, Keith A., 4,492,219, Cl. 126-427.000.
- Acurex Corp.: *See—*
  - Torbov, Tsvetan I.; Offen, George R.; and Denike, Stuart K., 4,555,996, Cl. 110-345.000.
- Acurex Solar Corporation: *See—*
  - Malley, William G., deceased, 4,528,977, Cl. 126-438.000.
- Acushnet Company: *See—*
  - Brown, Robert A., 4,508,309, Cl. 249-81.000.
  - Brown, Robert A., 4,558,499, Cl. 29-157.30R.
  - Gendreau, Paul M.; Llort, Francisco M.; and Berard, Raymond A., 4,546,980, Cl. 273-218.000.
  - Haas, Steven L.; and Gobush, William, 4,558,863, Cl. 273-77.00A.
- Acuson: *See—*
  - Maslak, Samuel H.; and Wright, John N., 4,550,607, Cl. 73-626.000.
- Acutherm, Ltd.: *See—*
  - Brand, Peter, 4,491,270, Cl. 236-49.000.
  - Kline, James R.; and Brand, Peter, 4,515,069, Cl. 98-40.00D.
  - Kline, James R.; and Brand, Peter, 4,523,713, Cl. 236-1.00C.
- Aczel, Andreas L.: *See—*
  - Munter, Ernst A.; and Aczel, Andreas L., 4,498,171, Cl. 370-110.200.
- Adac Plastics, Inc.: *See—*
  - Jacobson, Edwin B., 4,529,002, Cl. 137-414.000.
- Adachi, Akira; Kubota, Takashi; Okada, Yukio; Miyazaki, Kenichi; and Hagiwara, Taro, to Japan Styrene Paper Corporation; and Nissan Motor Company, Limited. Core material for automobile bumpers. 4,504,534, 3-12-85, Cl. 428-71.000.
- Adachi, Hiromi; and Iwaya, Shoichi, to Mitsubishi Denki Kabushiki Kaisha; and TDK Electronics Co., Ltd. Lighting apparatus for a discharge lamp. 4,517,496, 5-14-85, Cl. 315-227.00R.
- Adachi, Hiroyuki, to Canon Kabushiki Kaisha. Cleaning device. 4,530,594, 7-23-85, Cl. 355-15.000.
- Adachi, Ikuo; Yamamori, Teruo; Ueda, Motohiko; and Doteuchi, Masami, to Shionogi & Co., Ltd. 1,6-Dialkyl-3-substituted-4-nitrophenyl-4,7-dihydropyrazolo[3,4-b]pyridine-5-carboxylic acid esters. 4,562,256, 12-31-85, Cl. 546-120.000.
- Adachi, Keiichi: *See—*
  - Kato, Hirohiko; Ichijima, Seiji; Adachi, Keiichi; and Watanabe, Toshiyuki, 4,536,472, Cl. 430-505.000.
  - Kobayashi, Hidetoshi; Takahashi, Toshiro; Hirano, Shigeo; Hirose, Takeshi; and Adachi, Keiichi, 4,518,682, Cl. 430-543.000.
  - Sasaki, Noboru; Ishikawa, Takatoshi; and Adachi, Keiichi, 4,542,091, Cl. 430-380.000.
- Adachi, Kiyoshi; Uehara, Masaru; Kitagawa, Hiroshi; Kojima, Hirotaka; and Sato, Masaaki, to Mitsubishi Rayon Co., Ltd. Apparatus for continuously packing medical appliances for sterilization. 4,514,965, 5-7-85, Cl. 53-553.000.
- Adachi, Kuniomi: *See—*
  - Okada, Shingo; Sawa, Yuji; and Adachi, Kuniomi, 4,553,376, Cl. 53-511.000.
  - Sawa, Yuji; Itoh, Toshio; and Adachi, Kuniomi, 4,534,155, Cl. 53-459.000.
- Adachi, Makoto: *See—*
  - Sugasawa, Tsutomu; Adachi, Makoto; Sasakura, Kazuyuki; Matsushita, Akira; and Eigyo, Masami, 4,560,684, Cl. 514-221.000.
- Adachi, Masaaki: *See—*
  - Maenishi, Kozo; Adachi, Masaaki; and Bando, Yoshihide, 4,496,806, Cl. 200-16.00R.
- Adachi, Masahiro: *See—*
  - Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.
- Adachi, Masakazu: *See—*
  - Kumakura, Minoru; Kaetsu, Isao; Suzuki, Mieko; and Adachi, Masakazu, 4,552,633, Cl. 204-159.210.
  - Nakamura, Osamu; Ogino, Isao; and Adachi, Masakazu, 4,554,224, Cl. 429-30.000.
- Adachi, Masami: *See—*
  - Suzuki, Hideo; Ohtsuka, Kanji; and Adachi, Masami, 4,524,213, Cl. 549-235.000.
- Adachi, Masao: *See—*
  - Wakamori, Fumio; Noma, Toshiyuki; Adachi, Masao; Funabashi, Motohisa; and Suzuki, Masayoshi, 4,522,534, Cl. 405-37.000.
- Adachi, Muneo: *See—*
  - Takahashi, Yuji; Masaki, Hisaji; Adachi, Muneo; and Igarashi, Masaru, 4,501,419, Cl. 271-288.000.
- Adachi, Shichiro; and Kotani, Sho, to TDK Corporation. Electric soldering iron having a PTC heating element. 4,544,829, 10-1-85, Cl. 219-237.000.
- Adachi, Shigeki, to Hitachi, Ltd. Fuel control method for gas turbine. 4,517,797, 5-21-85, Cl. 60-39.281.
- Adachi, Shoichi, to N.C.A. Co., Ltd. Apparatus for unwinding fabric from a roll. 4,519,595, 5-28-85, Cl. 270-31.000.
- Adachi, Susumu: *See—*
  - Kitakami, Hazime; Ishikawa, Hiroshi; Tezuka, Masayoshi; Adachi, Susumu; and Makinouchi, Akifumi, 4,497,039, Cl. 364-900.000.
- Adachi, Takao: *See—*
  - Uchida, Tetsue; and Adachi, Takao, 4,492,218, Cl. 126-96.000.
- Adachi, Takashi; Morimoto, Shigeo; Takahashi, Yoko; Watanabe, Yoshiaki; and Omura, Sadafumi, to Taisho Pharmaceutical Co., Ltd. Erythromycin B derivatives. 4,496,717, 1-29-85, Cl. 536-7.200.
- Adachi, Takashi: *See—*
  - Tamai, Masaharu; Adachi, Takashi; Oguma, Kiyoshi; Hanada, Kazunori; Omura, Sadafumi; and Katunuma, Nobuhiko, 4,507,232, Cl. 260-112.50R.
- Adachi, Tokio: *See—*
  - Nakagawa, Shinichi; Asano, Kohzoh; Sakata, Shinsuke; Adachi, Tokio; and Kawachi, Shoji, 4,552,925, Cl. 525-200.000.
- Adachi, Tomio; Shiozaki, Shigeru; and Tomie, Takashi, to Teijin Limited. Magnetic recording medium. 4,505,966, 3-19-85, Cl. 428-141.000.
- Adachi, Tomomichi, to Fujitsu Limited. Belt synchronous check system for a line printer. 4,493,084, 1-8-85, Cl. 371-67.000.
- Adachi, Toshikazu: *See—*
  - Harada, Nozomu; Ito, Hiroshi; and Adachi, Toshikazu, 4,523,544, Cl. 118-702.000.
- Adachi, Yasuo; and Nabae, Kiyoyuki, to Toray Industries, Inc. Acrylic fibers for producing carbon fibers. 4,496,631, 1-29-85, Cl. 428-394.000.
- Adachi, Yasuto: *See—*
  - Yazu, Kazumasa; Adachi, Yasuto; and Yoshizaki, Takayoshi, 4,501,610, Cl. 75-0.5AA.
- Adachi, Yoshiharu; Ando, Masamoto; and Nagashima, Takashi, to Aisin Seiki Kabushiki Kaisha. Brake pressure control device for vehicle braking systems. 4,561,699, 12-31-85, Cl. 303-24.00F.
- Adachi, Yoshio: *See—*
  - Yoshioka, Shigehiko; Yamada, Hideto; Goto, Kimihiko; Adachi, Yoshio; and Miyahana, Kazuo, 4,533,434, Cl. 162-124.000.
- Adachi, Ysushi: *See—*
  - Kageyama, Katsuaki; and Adachi, Ysushi, 4,518,244, Cl. 355-3.0FU.
- Adair, Paul C.; Duda, Homer G.; Burkholder, Amy L.; Wright, Richard F.; and Stanley, Mary M., to Mead Corporation, The. Non-aqueous silver halide diffusion imaging system. 4,507,381, 3-26-85, Cl. 430-246.000.
- Adair, Paul C., to Mead Corporation, The. Photosensitive material employing encapsulated radiation sensitive composition and a transparentizable image-receiving layer. 4,508,807, 4-2-85, Cl. 430-138.000.
- Adair, Paul C.; and Adkins, David G., to Mead Corporation, The. Peeling development of photosensitive materials employing microencapsulated radiation sensitive compositions. 4,535,050, 8-13-85, Cl. 430-138.000.
- Adair, Paul C.; and Metz, George D., to Mead Corporation, The. Microencapsulated transfer imaging system employing developer sheet and discontinuous layer of thermoplastic pigment. 4,554,235, 11-19-85, Cl. 430-138.000.
- Adair, Paul C.: *See—*
  - Arney, Jonathan S.; and Adair, Paul C., 4,532,200, Cl. 430-138.000.

Adalbert, Gerhard; and Vysiotis, Theodoros, to Robert Bosch GmbH. Vane compressor, particularly a cooling medium compressor for use in air-conditioning equipment of a vehicle. 4,505,656, 3-19-85, Cl. 418-270.000.

Adalsteinsson, Orn, to Du Pont de Nemours, E. I., and Company. Stabilized mixtures of carbamate insecticides and synthetic pyrethroids. 4,524,150, 6-18-85, Cl. 514-469.000.

Adam, Fritz G., to ITT Industries, Inc. CMOS Selection circuit. 4,491,839, 1-1-85, Cl. 340-825.910.

Adam, Fritz G., to ITT Industries, Inc. Integrated circuit for writing, reading and erasing memory matrices with insulated-gate field-effect transistors having non-volatile storage behaviour. 4,493,058, 1-8-85, Cl. 365-189.000.

Adam, Fritz G., to ITT Industries, Inc. Selection circuit for three or four potentials. 4,499,388, 2-12-85, Cl. 307-474.000

Adam, Fritz G., to ITT Industries, Inc. Low power push-pull CMOS driver circuit. 4,503,342, 3-5-85, Cl. 307-475.000.

Adam, Fritz G., to ITT Industries, Inc. Integrated voltage divider with selection circuit. 4,511,881, 4-16-85, Cl. 340-347.0DA.

Adam, Gunter, to PUMA-Sportschuhfabriken Rudolf Dassler KG. Grip for a racket, especially a tennis racket. 4,537,399, 8-27-85, Cl. 273-75.000.

Adam, Gunter, to PUMA-Sportschuhfabriken Rudolf Dassler KG. Racket grip having a grip strip. 4,537,400, 8-27-85, Cl. 273-75.000.

Adam, Gunter, to PUMA-Sportschuhfabriken Rudolf Dassler KG. Racket with adjustable handle. 4,545,584, 10-8-85, Cl. 273-73.00J.

Adam, Jean-Marie; and Bloch, Peter, to Ciba-Geigy Corporation. Anthraquinone dyes, process for their preparation, and use thereof. 4,501,592, 2-26-85, Cl. 8-676.000.

Adam, Jean-Marie, to Ciba-Geigy Corporation. Quaternary ammonium substituted benzothiazolylphenyl azo pyrimidine dyes. 4,525,583, 6-25-85, Cl. 534-606.000.

Adam, John D., to Westinghouse Electric Corp. Magnetostatic wave delay line. 4,554,519, 11-19-85, Cl. 333-141.000.

Adam, Klaus: *See—*

  Gerber, Heinz; Adam, Klaus; and Horn, Heinz, 4,499,750, Cl. 72-351.000.

Adam, Michel, to SAFT. Casing for a battery of cylindrical electric cells. 4,510,215, 4-9-85, Cl. 429-99.000.

Adam-Molina, Solange; and Hofheinz, Werner, to Hoffmann-La Roche Inc. Method of inhibiting β-lactamase forming pathogens. 4,512,999, 4-23-85, Cl. 514-192.000.

Adam-Molina, Solange, to Hoffmann-La Roche Inc. Intermediates for mefloquin. 4,544,748, 10-1-85, Cl. 546-167.000.

Adam, Randall E.; and Schultz, William J., to Minnesota Mining and Manufacturing Company. Curable epoxy compositions and cured resins obtained therefrom. 4,524,181, 6-18-85, Cl. 525-107.000.

Adam, Roland; Krauth, Dieter; and Derndinger, Hans-Otto, to Daimler-Benz Aktiengesellschaft. Downdraft carburetor for internal combustion engines. 4,495,115, 1-22-85, Cl. 261-44.00F.

Adam, William S.: *See—*

  DePasquale, Michael; and Adam, William S., 4,536,756, Cl. 340-626.000.

Adamczyk, Thomas J.: *See—*

  Valenti, Edward R.; Adamczyk, Thomas J.; and Graham, Larry W., 4,493,482, Cl. 270-12.000.

Adamek, David J., to Champion International Corporation. Sift resistant economy seal carton. 4,530,461, 7-23-85, Cl. 229-37.00R.

Adamek, Frank C.; Bonds, James V.; and Bridges, Charles D., to Gray Tool Company. Multiple tubing hanger tie back system and method. 4,511,002, 4-16-85, Cl. 166-382.000.

Adamek, Frank C.: *See—*

  Stewart, Vernon G.; and Adamek, Frank C., 4,552,369, Cl. 277-226.000.

Adamik, Jaroslav, to San Shoe Trading Corp. Means for displaying a picture or the like in a shoe. 4,516,337, 5-14-85, Cl. 36-136.000.

Adamo, Michael D.; Darter, Cederick U.; and Cho, Frederick Y., to United States of America, Air Force. Conductor structure for thick film electrical device. 4,546,283, 10-8-85, Cl. 310-313.00R.

Adamo, Rosario: *See—*

  Holland, Hugh R.; and Adamo, Rosario, 4,531,673, Cl. 239-113.000.

Adamovic, Zeljko H.: *See—*

  Stockburger, Hermann; Winderlich, Hans-Georg; Bauer, Siegfried; and Adamovic, Zeljko H., 4,533,237, Cl. 355-40.000.

Adamowicz, John A.; Schlup, John R.; and Spotz, Mark S., to Corning Glass Works. Inorganic binders for articles formed from fibers. 4,549,931, 10-29-85, Cl. 162-145.000.

Adamowicz, Philippe; and Muller, Ludwig, to Institut Pasteur. Process for obtaining lipid envelope virus sub-units, notably antigens for use as vaccines, the products obtained and their applications. 4,522,809, 6-11-85, Cl. 424-89.000.

Adamowicz, Slawomir: *See—*

  Stich, Bodo; Hassler, Ernst; and Adamowicz, Slawomir, 4,538,974, Cl. 418-26.000.

Adams, Albert E. Reducing machine apparatus. 4,546,765, 10-15-85, Cl. 128-55.000.

Adams, Allan J., to ASC Incorporated. Control apparatus for pivotal-sliding roof panel assembly. 4,502,726, 3-5-85, Cl. 296-221.000.

Adams, Anthony L., to Texas Instruments Incorporated. Integrated circuit package having interconnected leads adjacent the package ends. 4,514,750, 4-30-85, Cl. 357-70.000.

Adams, Bruce M. Multistate precipitation removal tool. 4,495,668, 1-29-85, Cl. 15-105.000.

Adams, C. Harris; and Farnsworth, Robert P., to Celedata Corporation. Time accounting system. 4,536,646, 8-20-85, Cl. 235-377.000.

Adams, Charles C. Fish hook. 4,506,470, 3-26-85, Cl. 43-44.800.

Adams, Charles L., to PVI Industries, Inc. Water heater. 4,545,329, 10-8-85, Cl. 122-17.000.

Adams, Charles T.: *See—*

  Ryan, Robert C.; Adams, Charles T.; and Washecheck, Don M., 4,530,911, Cl. 502-74.000.

  Thompson, Mark S.; and Adams, Charles T., 4,548,920, Cl. 502-219.000.

  Washecheck, Don M.; and Adams, Charles T., 4,534,852, Cl. 208-89.000.

Adams, Clarence R., to Boeing Company, The. Apparatus for precision grinding of end mounted objects. 4,497,139, 2-5-85, Cl. 51-95.0LH.

Adams, Clarence R., to Boeing Company, The. Method for precision grinding of end mounted objects. 4,546,575, 10-15-85, Cl. 51-288.000.

Adams, Cornell L. Nail lacquer and enamel remover. 4,543,206, 9-24-85, Cl. 252-557.000.

Adams, Dennis V.; Cremers, Norbert J.; and Henry, Raymond L., to BASF Wyandotte Corporation. Aerosol gel. 4,534,958, 8-13-85, Cl. 424-45.000.

Adams, Derek W.: *See—*

  Smith, Kenneth B.; and Adams, Derek W., 4,502,793, Cl. 374-124.000.

Adams, Don L.: *See—*

  Fischer, William C.; Adams, Don L.; Wright, Stuart C.; Verzella, David J.; and Sivigny, Arthur L., 4,528,628, Cl. 364-424.000.

Adams Elevator Equipment Company: *See—*

  Hennessey, Thomas M., 4,504,713, Cl. 200-241.000.

Adams, Ernest C., to Miles Laboratories, Inc. Latex agglutination determination of IgG in neonatals and in colostrum. 4,542,103, 9-17-85, Cl. 436-534.000.

Adams, Floyd J. Contour forming system. 4,529,343, 7-16-85, Cl. 409-182.000.

Adams, Frank H.: *See—*

  Danta, William E.; and Adams, Frank H., 4,515,105, Cl. 118-629.000.

Adams, Frederick J., to TRW Cam Gears Limited. Rotary valve. 4,544,131, 10-1-85, Cl. 251-309.000.

Adams, Gary E.; Casper, John M.; and Gritter, Roy J., to International Business Machines Corporation. LC/FTIR System with thermospray solvent separation. 4,552,723, 11-12-85, Cl. 422-66.000.

Adams, Gary V.; Anderson, Scott R.; and Lauritzen, Donald R., to Morton Thiokol, Inc. Aluminum inflator with steel center-tie. 4,530,516, 7-23-85, Cl. 280-741.000.

Adams, Gary V.; Ahlf, Wilbur J.; Cunningham, Donald J.; and Dahle, David P., to Morton Thiokol, Inc. Light weight welded aluminum inflator. 4,547,342, 10-15-85, Cl. 422-166.000.

Adams, Gary V.; Ahlf, Wilbur J.; Kirchoff, George F.; and Lange, Rholand E., to Morton Thiokol, Inc. Auto ignition device. 4,561,675, 12-31-85, Cl. 280-734.000.

Adams, George B., III; and Siegel, Howard J., to Purdue Research Foundation. Extra stage cube. 4,523,273, 6-11-85, Cl. 364-200.000.

Adams, George C., to Rollform, Incorporated. Panel fastener. 4,498,272, 2-12-85, Cl. 52-714.000.

Adams, George C., to Rollform, Incorporated. Door frame clip. 4,527,369, 7-9-85, Cl. 52-211.000.

Adams, George W.; and Banter, C. Bruce, to Emhart Industries, Inc. Mounting means for timer-motor assembly. 4,514,105, 4-30-85, Cl. 403-24.000.

Adams, Gerald J.; Burkett, William L., Jr.; and Smolik, John V., to Hughes Aircraft Company. Payload deployment from launch vehicle using canted springs for imparting angular and linear velocities. 4,506,852, 3-26-85, Cl. 244-158.00R.

Adams, Graham L.; Briscoe, Peter F.; and Dyson, Arthur F., to Standard Telephones and Cables plc. Cold-welding of electrolytic capacitor rolls. 4,545,108, 10-8-85, Cl. 29-570.000.

Adams, Graham R.: *See—*

  Dewan, Shashi B.; and Adams, Graham R., 4,507,722, Cl. 363-79.000.

  Dewan, Shashi B.; and Adams, Graham R., 4,511,956, Cl. 363-49.000.

Adams Hard-Facing Company, Inc.: *See—*

  Wetmore, Halsey J., 4,529,042, Cl. 172-719.000.

Adams, Jack C., to Energy Recovery Group, Inc. Waste material incineration system and method. 4,509,435, 4-9-85, Cl. 110-344.000.

Adams, James B., Jr., to Otis Engineering Corporation. Valve with latching means. 4,513,944, 4-30-85, Cl. 251-89.000.

Adams, James D., to United States of America, Navy. Pin rooted blade biaxial air seal. 4,541,778, 9-17-85, Cl. 416-193.00A.

Adams, James R., Jr.: *See—*

  Wilwerding, Dennis J.; and Adams, James R., Jr., 4,508,963, Cl. 250-201.000.

Adams, Jay J. Easily releasable and sealable sanitary lid-spout. 4,560,081, 12-24-85, Cl. 220-257.000.

Adams, Jerry L.; Metcalf, Brian W.; and Lippert, Bruce J., to Merrell Dow Pharmaceuticals Inc. α-Aminobutyric acid transaminase inhibitors. 4,520,028, 5-28-85, Cl. 514-447.000.

Adams, John B., Jr., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,534,788, 8-13-85, Cl. 71-92.000.

Adams, John N., to Xerox Corporation. Xerographic copying apparatus having means to reduce contamination of optical components. 4,530,589, 7-23-85, Cl. 355-3.00R.

Adams, John Q., IV. Bee shipping box and hive. 4,524,476, 6-25-85, Cl. 6-1.000.

Adams, John T.; and Kompelien, Arlon D., to Honeywell Inc. Power supply for an electrostatic air cleaner with a modulated pulse width voltage input having a backup pulse width limiting means. 4,562,522, 12-31-85, Cl. 363-21.000.

Adams, Joseph S. Compression wave former. 4,510,748, 4-16-85, Cl. 60-39.020.

Adams, Jurgen; and Schelling, Hugo, to Kienzle Apparate GmbH. Electronic taximeter and control system therefor. 4,539,644, 9-3-85, Cl. 364-467.000.

Adams, Karen M.; and Gandhi, Haren S., to Ford Motor Company. Method for treating exhaust gases with an improved catalyst composition. 4,508,691, 4-2-85, Cl. 423-213.500.

Adams, Keith J. G.; Williams, Terrence P.; Bolt, Norman T.; and Siddique, Qazi M., to British Gas Corporation. Automatic CO_2 removal system and operation thereof. 4,491,566, 1-1-85, Cl. 423-220.000.

Adams, Kenneth J.; and Dyke, David E., to Imperial Clevite Inc. Inorganic composition adapted for use in bonding a high temperature resistant polymeric material to an aluminum base substrate. 4,555,294, 11-26-85, Cl. 156-309.600.

Adams, L. Jane, to Eastman Kodak Company. Process for the preparation of high molecular weight polyesters. 4,501,878, 2-26-85, Cl. 528-286.000.

Adams, L. Jane, to Eastman Kodak Company. Colored polyester compositions. 4,521,556, 6-4-85, Cl. 524-88.000.

Adams, Ladd M.: *See—*

Hayatdavoudi, Asadollah; and Adams, Ladd M., 4,512,420, Cl. 175-67.000.

Adams, Leon M.: *See—*

Tomlinson, Samuel J., Sr.; Dean, Edward E.; and Adams, Leon M., 4,562,212, Cl. 514-690.000.

Adams, Louis E. Adjustable cultivator tool holder. 4,509,603, 4-9-85, Cl. 172-427.000.

Adams Manufacturing Company: *See—*

Sears, Lawrence M.; and Slaby, Terrance C., 4,559,594, Cl. 363-126.000.

Adams, Mark J., to Boeing Company, The. Hinge latch. 4,495,672, 1-29-85, Cl. 16-229.000.

Adams, Mark S. Flexible bag type beverage can carrier. 4,542,826, 9-24-85, Cl. 206-427.000.

Adams, Mark S. Rigid tube type beverage can carrier. 4,542,930, 9-24-85, Cl. 294-160.000.

Adams, Maynard L.: *See—*

Roney, Thomas W.; and Adams, Maynard L., 4,537,446, Cl. 297-464.000.

Adams, Michael J.: *See—*

Payne, David N.; Sasaki, Issei; and Adams, Michael J., 4,515,475, Cl. 356-73.100.

Adams, Neal J.: *See—*

Schuck, Jack K.; and Adams, Neal J., 4,505,210, Cl. 110-336.000.

Adams, Norman S., to Ortner Freight Car Company. Mounting for the top chords of the sides of a railroad hopper car. 4,561,361, 12-31-85, Cl. 105-406.00R.

Adams Plastics, Inc.: *See—*

Simpson, Roy G., 4,495,752, Cl. 54-24.000.

Simpson, Roy G., 4,495,753, Cl. 54-24.000.

Adams, Richard J.; and Belding, Charles A., to Beloit Corporation. Threading belt and threading system. 4,491,503, 1-1-85, Cl. 162-232.000.

Adams, Richard J., to Beloit Corporation. Paper machine belt. 4,552,620, 11-12-85, Cl. 162-358.000.

Adams, Richard M. Orthodontic device to serve as removable anchorage for elastic traction between upper and lower molars. 4,525,143, 6-25-85, Cl. 433-5.000.

Adams, Richard W. Adjustable auxiliary rear-view mirror. 4,526,446, 7-2-85, Cl. 350-624.000.

Adams Rite Products, Inc.: *See—*

Ahad, Munir J., 4,510,779, Cl. 70-208.000.

Sheffer, Ralph L., 4,520,992, Cl. 251-48.000.

Adams, Robert D. Brush uprooting attachment. 4,547,984, 10-22-85, Cl. 37-2.00R.

Adams, Robert D.: *See—*

Cawley, Peter; and Adams, Robert D., 4,542,639, Cl. 73-12.000.

Adams, Ronald, to Boeing Company, The. Movable panel with compound curvature and method of making same. 4,557,440, 12-10-85, Cl. 244-129.400.

Adams, Ronald O., to Santiam O. Adams. Fountain toothbrush. 4,530,369, 7-23-85, Cl. 132-84.00B.

Adams, Roy D.: *See—*

Krueger, Gordon P.; Lund, Anders E., and Adams, Roy D., 4,505,371, Cl. 198-382.000.

Krueger, Gordon P.; Lund, Anders E.; and Adams, Roy D., 4,505,868, Cl. 264-108.000.

Adams, Tello D., to GTE Automatic Electric Laboratories Incorporated. Interface circuit for digital signal transmission system. 4,493,092, 1-8-85, Cl. 375-36.000.

Adams, Tello D., to GTE Automatic Electric Laboratories Incorporated. Digital signal transmission system. 4,507,793, 3-26-85, Cl. 375-36.000.

Adams, Thomas M., to Kaepa, Inc. Footwear lacing assembly. 4,538,367, 9-3-85, Cl. 36-50.000.

Adams, Victor J.; and Polka, Frank, to Motorola, Inc. Method of forming a ring of viscous material against a substrate. 4,526,740, 7-2-85, Cl. 264-259.000.

Adams, Walter P., to Raymond Corporation, The. Shelf height selector. 4,547,844, 10-15-85, Cl. 364-189.000.

Adams, William D. Fuel system for combustion engine. 4,524,744, 6-25-85, Cl. 123-459.000.

Adams, William R., to Trindium Corporation of America. Tarnish-resistant copper alloy and method of preparation. 4,493,736, 1-15-85, Cl. 148-2.000.

Adams, William R.: *See—*

Lortie, Richard P.; and Adams, William R., 4,540,118, Cl. 236-44.00C.

Adams, William V.; and Avard, Duane A., to Durametallic Corporation. Mechanical seal assembly with coolant circulation structure. 4,560,173, 12-24-85, Cl. 277-15.000.

Adamska-Koperska, Joanna. Ring for storing articles of clothing. 4,503,591, 3-12-85, Cl. 24-161.000.

Adamski, Joseph A., to United States of America, Air Force. Method for vacuum baking indium in-situ. 4,559,217, 12-17-85, Cl. 423-299.000.

Adamski, Joseph R.: *See—*

Teich, Wesley W.; and Adamski, Joseph R., 4,507,531, Cl. 219-10.55B.

Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., to Union Special Corporation. Guidance system for a workpiece transfer apparatus. 4,528,922, 7-16-85, Cl. 112-262.300.

Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., to Union Special Corporation. Guidance system for a workpiece transfer apparatus. 4,530,295, 7-23-85, Cl. 112-121.120.

Adamson, Donald, to Envopak Limited. Disposable one-piece security sealing device. 4,501,049, 2-26-85, Cl. 24-30.50P.

Adamson, Gerald J.: *See—*

Brema, Robert J.; Adamson, Gerald J.; Poissant, Philip L.; and Cleminson, John H., 4,498,660, Cl. 256-19.000.

Adamson, Howard, Jr. Spring operated tracheotome. 4,556,059, 12-3-85, Cl. 128-305.300.

Adamson, Thomas; and Schmaltz, Armand J. Adjustable boring head tool holder. 4,507,027, 3-26-85, Cl. 408-197.000.

Adaniya, Takeshi: *See—*

Hara, Tomihiro; Adaniya, Takeshi; and Tonouchi, Akira, 4,519,878, Cl. 204-28.000.

Hara, Tomihiro; Adaniya, Takeshi; Sagiyama, Masaru; Watanabe, Tsutomu; Shimoma, Takashi; and Nabatame, Masaru, 4,543,300, Cl. 428-610.000.

Adapa, Satya N.: *See—*

O'Mahony, John S.; Kahn, Marvin L.; and Adapa, Satya N., 4,551,348, Cl. 426-639.000.

Adaptor, Inc.: *See—*

Gagas, Michael S.; and Gagas, Stanley J., 4,534,378, Cl. 137-367.000.

Adaway, Timothy J.; Fravel, Harold G., Jr.; and Easterly, James P., Jr., to Dow Chemical Company, The. Self-inverting water-in-oil emulsions of water-soluble polymers. 4,525,496, 6-25-85, Cl. 523-337.000.

Aday, Jorge L., to Ethicon, Inc. Single suture strand dispenser package. 4,491,218, 1-1-85, Cl. 206-63.300.

Aday, Jorge L.; and Cerwin, Robert J., to Ethicon, Inc. Multistrand suture package with single strand suture dispensing. 4,533,041, 8-6-85, Cl. 206-63.300.

Aday, Jorge L.; and Cerwin, Robert J., to Ethicon, Inc. Three-panel needled suture holder. 4,555,016, 11-26-85, Cl. 206-63.300.

Adcock, Carson D.; and Lauter, Robert, to W. W. Adcock, Inc. Spa with recessed filter chamber. 4,552,658, 11-12-85, Cl. 210-169.000.

Adcock, D. L. Method and device for filtering lubricating oil for a dough divider machine. 4,513,614, 4-30-85, Cl. 73-169.000.

Adcock, Gerald. Method for removing earth cuttings from holes being formed by a pneumatically exhausted drill tool. 4,499,957, 2-19-85, Cl. 175-71.000.

Addadi, Lia: *See—*

Lahav, Meir; Addadi, Lia; and Weissbuch, Isabela, 4,533,506, Cl. 260-501.120.

Addamiano, Arrigo; and Klein, Philipp H., to United States of America, Navy. Recovery of fragile layers produced on substrates by chemical vapor deposition. 4,512,825, 4-23-85, Cl. 148-175.000.

Addamiano, Arrigo, to United States of America, Navy. Method of preparing single crystalline cubic silicon carbide layers. 4,556,436, 12-3-85, Cl. 148-175.000.

Addams, Charles F., Jr.: *See—*

Paul, Kermit D.; Addams, Charles F., Jr.; and Wuertele, Frederick S., 4,545,410, Cl. 141-18.000.

Addie, David L.; and Ellsworth, Kenneth A., to Motorola, Inc. Button rectifier package for non-planar die. 4,498,096, 2-5-85, Cl. 357-67.000.

Addie, Graeme R., to GIW Industries, Inc. Pump adjustment assembly. 4,527,948, 7-9-85, Cl. 415-128.000.

Addis, John L.: *See—*

Andrews, Roland E.; and Addis, John L., 4,551,636, Cl. 307-264.000.

Addison, Cern A. Apparatus for mixing syrup with feed. 4,491,420, 1-1-85, Cl. 366-156.000.

Addison, Charles: *See—*

Olson, Harold D.; Addison, Charles; and Cagle, J. Douglas, 4,513,476, Cl. 17-44.100.

Addison, Gilbert J., to Coleman Company, Inc., The. Yttrium oxide mantles for fuel-burning lanterns. 4,533,317, 8-6-85, Cl. 431-100.000.

Addleman, Robert L., to Imperial Chemical Industries Limited. Energy beam focusing apparatus and method. 4,553,017, 11-12-85, Cl. 219-121.0LA.

Adebahr, Klaus, to Hauni-Werke Korber & Co. KG. Method and machine for making continuous cigarette rods and the like. 4,548,215, 10-22-85, Cl. 131-84.400.

Adeka Argus Chemical Co., Ltd.: *See—*
- Leistner, William E.; Minagawa, Motonobu; Nakahara, Yutaka; Haruna, Tohru; and Nishimura, Atsushi, 4,529,760, Cl. 524-102.000.
- Minagawa, Motonobu; Nakahara, Yutaka; Shibata, Toshihiro; and Tobita, Etsuo, 4,491,643, Cl. 524-96.000.
- Minagawa, Motonobu; Kubota, Naohiro; and Shibata, Toshihiro, 4,499,220, Cl. 524-102.000.
- Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,500,663, Cl. 524-101.000.
- Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,525,506, Cl. 524-102.000.
- Nakahara, Yutaka; and Kimura, Ryoji, 4,540,728, Cl. 524-100.000.

Adelaide & Wallaroo Fertilizers Ltd.: *See—*
- Walter, Karl H., 4,535,550, Cl. 34-33.000.

Adell, Robert, to U.S. Product Development Company. Door edge guard. 4,499,689, 2-19-85, Cl. 49-462.000.

Adell, Robert, to U.S. Product Development Company. Insulated edge guard. 4,520,593, 6-4-85, Cl. 49-462.000.

Adell, Robert, to U.S. Product Development Company. Door edge guard and method of manufacture. 4,520,594, 6-4-85, Cl. 49-462.000.

Adell, Robert, to U.S. Product Development Company. Metal and plastic edge guard. 4,547,994, 10-22-85, Cl. 49-462.000.

Adell, Robert, to U.S. Product Development Company. Method of making edge guard. 4,559,741, 12-24-85, Cl. 49-462.000.

Adelman, Robert W.; and Blevins, Daniel W., to Crowell Corporation, The. Tire inflation. 4,505,309, 3-19-85, Cl. 141-97.000.

Adelman, Robert W.; and Blevins, Daniel W., to Crowell Corporation, The. Safe tire inflator. 4,538,659, 9-3-85, Cl. 157-1.000.

Adelman, Robert W.: *See—*
- Blevins, Daniel W.; and Adelman, Robert W., 4,529,019, Cl. 141-94.000.

Adelsen, Edward H.; and Oakley, Charles B., to RCA Corporation. Compatible high-definition television system utilizing Hadamard basis functions. 4,523,220, 6-11-85, Cl. 358-12.000.

Adelson, Edward H.: *See—*
- Carlson, Curtis R.; Adelson, Edward H.; and Anderson, Charles H., 4,523,230, Cl. 358-167.000.

Adelstein, Gilbert W.; and Chorvat, Robert J., to G. D. Searle & Co. Substituted 5-phenyl-5-(aminoalkyl)-1,3-diazabicyclo[4.4.0]decan-4-ones and 5-phenyl-5-(aminoalkyl)-1,3-diazabicyclo[4.4.0]dec-2-en-4-ones. 4,560,754, 12-24-85, Cl. 544-282.000.

Adema, Cornelis L.: *See—*
- Haisma, Jan; Adema, Cornelis L.; Pasmans, Johannes M. M.; and Walters, Jurren H., 4,547,801, Cl. 358-111.000.

Adenau, Marvin L.: *See—*
- Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., 4,494,658, Cl. 211-49.00R.
- Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., 4,537,316, Cl. 211-133.000.

Ader, Joseph R., to RCA Corporation. Digital color matrix for a digital television receiver. 4,542,402, 9-17-85, Cl. 358-30.000.

Ader, Vern L. Implement for flattening cylindrically shaped containers. 4,561,351, 12-31-85, Cl. 100-233.000.

Aderans Co., Ltd.: *See—*
- Nemoto, Nobuo, 4,530,810, Cl. 264-222.000.
- Watabe, Nobuo, 4,507,356, Cl. 428-252.000.

Aderhold, Ronald: *See—*
- Walsh, Thomas J.; Bachman, Robert; and Aderhold, Ronald, 4,496,125, Cl. 248-188.000.

Aderneck, Stephen: *See—*
- Aderneck, Stephen E., 4,537,235, Cl. 144-193.00C.

Aderneck, Stephen E., to Aderneck, Stephen. Wood splitter. 4,537,235, 8-27-85, Cl. 144-193.00C.

Ades, Edwin W.; and Cullinan, George J., to Eli Lilly and Company. Cytotoxic compositions of transferrin coupled to vinca alkaloids. 4,522,750, 6-11-85, Cl. 260-112.00R.

Adger, Brian M.; and O'Rourke, David J., to Smith Kline & French Laboratories Limited. Synthesis of 2-pyridylalkylamines substituted on the pyridyl ring by bromine. 4,515,952, 5-7-85, Cl. 546-329.000.

Adger, Brian M.; and Mastrocola, Antonietta R., to Smith Kline & French Laboratories Limited. Synthesis of 2-pyridylalkylamines. 4,526,974, 7-2-85, Cl. 546-329.000.

Adger Kogyo Co., Ltd.: *See—*
- Iijima, Zenshiro, 4,509,982, Cl. 106-23.000.

Adidas Fabrique de Chassures de Sport: *See—*
- Chassaing, Jacques, 4,506,463, Cl. 36-131.000.

adidas Sportschuhfabriken Adi Dassler KG: *See—*
- Bente, Alfred, 4,551,931, Cl. 36-117.000.

Adiletta, Joseph G., to Pall Corporation. Fire resistant thermal insulating structure and garments produced therefrom. 4,495,238, 1-22-85, Cl. 428-215.000.

Adiletta, Joseph G., to Pall Corporation. Gas permeable composite structures. 4,508,775, 4-2-85, Cl. 428-240.000.

Adinolfi, Robert G.: *See—*
- Jordan, Lester W.; Loersch, Joseph F.; and Adinolfi, Robert G., 4,532,403, Cl. 219-121.0ED.

Adir: *See—*
- Beregi, Laszlo; Hugon, Pierre; Duhault, Jacques; and Boulanger, Michelle, 4,505,921, Cl. 514-212.000.
- Malen, Charles; and Poignant, Jean-Claude, 4,496,557, Cl. 514-211.000.
- Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, 4,492,696, Cl. 424-249.000.
- Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,398, Cl. 514-245.000.
- Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,399, Cl. 514-241.000.
- Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, 4,529,729, Cl. 514-253.000.
- Regnier, Gilbert; Guillonneau, Claude; Duhault, Jacques; and Boulanger, Michelle, 4,548,820, Cl. 514-255.000.
- Vincent, Michel; Remond, Georges; and Laubie, Michel, 4,508,729, Cl. 514-419.000.

Adjustable Bushing Corporation: *See—*
- Lew, Wing G.; Deutsch, Richard A.; and Nasserian, Mojtaba, 4,507,034, Cl. 411-21.000.

Adjustable Fixture Company: *See—*
- Schumaker, Eugene J., 4,498,125, Cl. 362-216.000.

Adkin, Francis W. Amplifier suitable for low supply voltage operation. 4,531,100, 7-23-85, Cl. 330-290.000.

Adkins, Charles H. LP Gas safety valve. 4,494,570, 1-22-85, Cl. 137-590.000.

Adkins, David G.: *See—*
- Adair, Paul C.; and Adkins, David G., 4,535,050, Cl. 430-138.000.

Adkins, Jean. Thimble. 4,534,495, 8-13-85, Cl. 223-101.000.

Adkins, John C.: *See—*
- Messick, George H.; and Adkins, John C., 4,491,003, Cl. 72-137.000.

Adkins, Richard C.; and Yost, James O., to Rolls-Royce Limited. Diffusion apparatus. 4,497,445, 2-5-85, Cl. 239-590.000.

Adkisson, Richard W.: *See—*
- Adkisson, William M.; and Adkisson, Richard W., 4,523,203, Cl. 346-76.0PH.

Adkisson, William M.; and Adkisson, Richard W., to Honeywell Inc. Grey scale thermal printer control system. 4,523,203, 6-11-85, Cl. 346-76.0PH.

Adkisson, William M., to Honeywell Inc. Heating resistor shape in a thermal printhead. 4,558,331, 12-10-85, Cl. 346-76.0PH.

Adl, Ali; and Backus, William D., to AT&T Bell Laboratories. Stranded cable termination arrangement. 4,507,008, 3-26-85, Cl. 403-275.000.

Adleman, Larry G. Follow bar with cam tracks for rocker type conduit bender. 4,537,052, 8-27-85, Cl. 72-154.000.

Adleman, Larry G.; and Malanaphy, Richard H., to Ex-Cell-O Corporation. Slug-splitting punch. 4,543,722. 10-1-85, Cl. 30-360.000.

Adleman, Larry G.: *See—*
- Plummer, Jeffrey J.; and Adleman, Larry G., 4,553,738, Cl. 254-358.000.

Adler, Alan D.: *See—*
- Casey, Adria C.; Adler, Alan D.; and Premuzic, Eugene T., 4,525,350, Cl. 424-94.000.

Adler, Alan J. Gliding ring. 4,560,358, 12-24-85, Cl. 446-46.000.

Adler, Arno, to L.C.C.-C.I.C.E. Compagnie Europeenne de Composants Electroniques. Apparatus for the storage and mechanical transfer of stock or matrix capacitors. 4,511,026, 4-16-85, Cl. 198-469.000.

Adler, Clarence E. Three dimensional cinema and novel projector system therefore. 4,509,835, 4-9-85, Cl. 352-43.000.

Adler, David T. Safety shield for a milling machine, drill press, and the like. 4,543,021, 9-24-85, Cl. 409-134.000.

Adler, Harold A. Method and apparatus for mediating inter-jaw biting pressure. 4,541,803, 9-17-85, Cl. 433-141.000.

Adler, Harold A. Shielded dental contact marker. 4,547,155, 10-15-85, Cl. 433-70.000.

Adler, Michael S.: *See—*
- Kirkpatrick, Conilee G.; Adler, Michael S.; and Possin, George E., 4,534,016, Cl. 365-128.000.
- Wildi, Eric J.; and Adler, Michael S., 4,494,134, Cl. 357-43.000.

Adler, Thomas A.: *See—*
- Jackson, John E.; Adler, Thomas A.; Quets, Jean M.; and Tucker, Robert C., Jr., 4,519,840, Cl. 106-1.050.

Adlerborn, Jan; Larker, Hans; and Nilsson, Jan, to ASEA Aktiebolag. Method for manufacturing an object of silicon nitride. 4,505,871, 3-19-85, Cl. 264-325.000.

Adlerstein, Michael G., to Raytheon Company. Semiconductor structures and manufacturing methods. 4,536,469, 8-20-85, Cl. 430-314.000.

Adlhart, Otto J., to Engelhard Corporation. Hydrogen generator. 4,513,065, 4-23-85, Cl. 429-19.000.

Adlon, Daniel T.; and Bianchi, Edward A., to AMP Incorporated. Ribbon cable splitter. 4,522,097, 6-11-85, Cl. 83-464.000.

Adman, Nils G.; and Jacobsson, Rolf A., to Atlas Copco Aktiebolag. Dual motor torque delivering tool. 4,522,269, 6-11-85, Cl. 173-12.000.

Administratie - En Automatiseringscentrum Vulcaan B.V.: *See—*
- van Kattenbroek, Hendrik J., 4,522,293, Cl. 198-377.000.

Administrators of the Tulane Educational Fund: *See—*
- Coy, David H.; and Murphy, William A., 4,505,897, Cl. 514-11.000.
- Lertora, Juan J. L.; and King, Lucy W., 4,555,525, Cl. 514-616.000.

Admiraal, Daniel J. H.; and Lopes Cardozo, Benjamin, to U.S. Philips Corporation. Amplifier arrangement for acoustic signals, provided with means for suppressing (undesired) spurious signals. 4,525,856, 6-25-85, Cl. 381-93.000.

Adnovum AG: *See—*
- Lauchenauer, Alfred E., 4,491,479, Cl. 106-15.050.

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  Borodovsky, Yan A., 4,529,685, Cl. 430-311.000.
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- Aerco International, Inc.: *See—*
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  - Garneau, Richard P., 4,516,695, Cl. 222-153.000.
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Affolter, Peter, to Eastman Kodak Company. Optical disk assembly retaining rings. 4,525,829, 6-25-85, Cl. 369-284.000.

Affupper, Hans. Process and equipment for making zigzag folds in loops of a continuous feed of flexible sheeting. 4,493,689, 1-15-85, Cl. 493-415.000.

Afifi, Mostafa S.; and Chiappetta, Frank R., to General Electric Company. Multifrequency reflector antenna. 4,544,928, 10-1-85, Cl. 343-781.00P.

Afonso, Adriano; and Weinstein, Jay, to Schering Corporation. 2-[(R) Amino acid alkyl]penems. 4,540,579, 9-10-85, Cl. 514-195.000.

Afonso, Adriano; and Weinstein, Jay, to Schering Corporation. 2-[(1′R)-1′-Aminoalkyl]penems. 4,540,580, 9-10-85, Cl. 514-195.000.

Aftab, Ahmad: *See—*

Blaauw, Cornelis; Naguib, Hussein M.; Ahmed, Syed M.; and Aftab, Ahmad, 4,524,091, Cl. 427-74.000.

Afzali-Ardakani, Ali; Cohen, Mitchell S.; Pennington, Keith S.; and Sachdev, Krishna G., to International Business Machines Corporation. Scratch resistant recording materials for electroerosion printing not requiring a lubricant overcoat. 4,554,562, 11-19-85, Cl. 346-135.100.

AG-Bag Corporation: *See—*

Bailen, Eddie H.; Rasmussen, David H.; and Johnson, William C., 4,522,615, Cl. 493-37.000.

Cullen, Steven R., 4,502,378, Cl. 100-65.000.

Ag-Chem Equipment Co., Inc.: *See—*

Takata, Harry H., 4,515,311, Cl. 239-172.000.

Takata, Harry H., 4,518,118, Cl. 239-163.000.

AG fur Industrielle Elektronik AGIE Losone b. Locarno: *See—*

Buhler, Ernst, 4,533,811, Cl. 219-69.00M.

AGA Aktiebolag: *See—*

Brull, John J.; and Carnahan, Michael T., 4,519,812, Cl. 51-422.000.

Krogh, Bjorn, 4,526,526, Cl. 425-71.000.

Norrstrom, Hans; and Idner, Kristina, 4,534,397, Cl. 162-23.000.

Poulsen, Bo, 4,521,676, Cl. 235-375.000.

Poulsen, Bo, 4,556,091, Cl. 141-82.000.

Stavlo, Lars G., 4,542,774, Cl. 141-1.000.

Ziegler, Michael J.; and Simpkins, F. Richard, 4,553,999, Cl. 65-84.000.

Agabekov, Youri. Tubular electric lamp fixture. 4,521,838, 6-4-85, Cl. 362-219.000.

Agache, Georges, to Chenesseau. Internal combustion engine usable with a high vaporization heat fuel. 4,522,173, 6-11-85, Cl. 123-276.000.

Agadi, Isaac. Internal combustion engines. 4,515,138, 5-7-85, Cl. 123-590.000.

Agai, Bela: *See—*

Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.

Agan Chemical Manufacturers, Ltd.: *See—*

Pikarski, Michael; Gabe, Julian; and Dykman, Edmund, 4,537,992, Cl. 564-437.000.

Agano, Toshitaka, to Fuji Photo Film Co., Ltd. Light modulating apparatus. 4,548,477, 10-22-85, Cl. 350-358.000.

Agano, Toshitaka, to Fuji Photo Film Co., Ltd. Method of correcting radiation image read-out error. 4,551,626, 11-5-85, Cl. 250-327.200.

Agapiou, Agapios; Allan, John L. H.; and Jacobson, Felix I., to Phillips Petroleum Company. Supported polyolefin catalyst components and methods of making and using the same. 4,555,496, 11-26-85, Cl. 502-105.000.

Agapiou, Agapios K., to Exxon Research & Engineering Co. Supported polyolefin catalyst for the polymerization of ethylene under high temperatures. 4,508,844, 4-2-85, Cl. 502-132.000.

Agapiou, Michael. Toilet cleaning tool. 4,493,124, 1-15-85, Cl. 15-104.940.

Agar Corporation, N.V.: *See—*

Agar, Joram; and Zanker, Klaus J., 4,503,383, Cl. 324-61.00P.

Agar, Joram; and Zanker, Klaus J., to Agar Corporation, N.V. Device for detecting an interface between two fluids. 4,503,383, 3-5-85, Cl. 324-61.00P.

Agarwal, Nirmal K.: *See—*

Henry, Michael D.; Ableidinger, Bruce J.; and Agarwal, Nirmal K., 4,513,395, Cl. 364-900.000.

Agarwal, Paul D.; Fruechte, Roger D.; Kade, Alexander; and Radomski, Thomas A., to General Motors Corporation. Road load insensitive electric power steering system. 4,527,653, 7-9-85, Cl. 180-79.100.

Agarwal, Pawan K.; Lundberg, Robert D.; Wagensomer, Joseph; and Jagisch, Frank C., to Exxon Research & Engineering Co. Emulsion type adhesive compositions. 4,517,250, 5-14-85, Cl. 428-483.000.

Agarwal, Pawan K.; Lundberg, Robert D.; Graessley, William W.; and Ver Strate, Gay, to Exxon Research & Engineering Co. Hydrocarbon based gels and solutions of blends of sulfonate ionomers and their precursors extended over critical regions. 4,536,310, 8-20-85, Cl. 252-33.000.

Agarwal, Pawan K.; and Lundberg, Robert D., to Exxon Research & Engineering Co. Gelation of hydrocarbon solutions of blends of associating and non-associating polymers. 4,537,919, 8-27-85, Cl. 523-336.000.

Agarwal, Pawan K.; Duvdevani, Ilan; and Lundberg, Robert D., to Exxon Research & Engineering Co. Blend compositions of sulfo EPDM's having improved compression set properties. 4,543,385, 9-24-85, Cl. 524-518.000.

Agarwal, Shashi B.: *See—*

Nickola, Richard A.; and Agarwal, Shashi B., 4,517,229, Cl. 427-383.900.

Nickola, Richard A.; Sok, Brian A.; and Agarwal, Shashi B., 4,542,048, Cl. 427-380.000.

Agarwal, Suresh C., to Babcock & Wilcox Company, The. Olefin oxidation reactor temperature control. 4,491,924, 1-1-85, Cl. 364-500.000.

Agarwal, Suresh C., to Babcock & Wilcox Company, The. Blending control system. 4,494,209, 1-15-85, Cl. 364-502.000.

Agarwal, Suresh C., to Babcock & Wilcox Company, The. Automated catalyst regeneration in a reactor. 4,560,815, 12-24-85, Cl. 585-259.000.

Agarwala, Om P. Sugar and acid infused fruit products and process therefor. 4,542,033, 9-17-85, Cl. 426-321.000.

Agata, Akihiko, to Shin-Ei Kabushiki Kaisha. Steam boiler. 4,556,018, 12-3-85, Cl. 122-35.000.

Agata, Kazuhiro, to NEC Home Electronics Ltd. Horizontal printing type printer. 4,545,695, 10-8-85, Cl. 400-320.000.

Agatahama, Shunichi, to Omron Tateisi Electronics Co. Contact switching device production method. 4,490,903, 1-1-85, Cl. 29-622.000.

Agatahama, Shunichi, to Omron Tateisi Electronics Co. Polarized electromagnetic device. 4,553,118, 11-12-85, Cl. 335-79.000.

Agawa, Setsuo: *See—*

Beppu, Masaru; Agawa, Setsuo; Hazeyama, Takeshi; and Nashimoto, Toshiyuki, 4,551,240, Cl. 209-143.000.

Agback, Karl H.; and Nygren, Alf S., to Pharmacia AB. Method and intermediates for preparing high purity 3,3′-azo-bis-(6-hydroxy benzoic acid). 4,528,367, 7-9-85, Cl. 534-599.000.

Agback, Karl H.; Natvig, Tore; and Truelove, Sidney C., to Pharmacia AB. Use of 3,3′-azo-bis-(6-hydroxy benzoic acid) as a drug and pharmaceutical compositions containing the same. 4,559,330, 12-17-85, Cl. 514-166.000.

Agbay, Albert J.; and Thomas, Ralph H., Sr., to Robert Linkletter Associates, Inc. Tamper resistant and tamper evident closures. 4,512,485, 4-23-85, Cl. 215-225.000.

Agbay, Albert J.; and Thomas, Ralph H., Sr., to Robert Linkletter Associates, Inc. Tamper resistant and tamper evident closures. 4,519,514, 5-28-85, Cl. 215-225.000.

Agbay, Anthony J., to Omco Inc. Barrel lock. 4,513,592, 4-30-85, Cl. 70-34.000.

Agbay, Anthony J.: *See—*

Carlson, John H.; and Agbay, Anthony J., 4,513,591, Cl. 70-34.000.

Agbomeirele, Patricia G.: *See—*

Kroupa, Loretta A.; and Agbomeirele, Patricia G., 4,511,620, Cl. 428-220.000.

Agee, John M. Fracture splint. 4,548,199, 10-22-85, Cl. 128-92.00A.

Agence Nationale de Valorisation de la Recherche: *See—*

Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,505,997, Cl. 429-192.000.

Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,542,081, Cl. 429-192.000.

Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,556,616, Cl. 429-192.000.

Atlani, Martial; Loutaty, Roben; Wakselman, Claude; and Yacono, Charles, 4,504,287, Cl. 55-53.000.

Bourdet, Gilbert L.; and Franco, Michel A., 4,492,464, Cl. 356-4.500.

Delhaye, Michel M.; Dhamelincourt, Paul A.; da Silva, Edouard F.; and Barbillat, Jacques H., 4,523,799, Cl. 350-6.300.

Edme, Jacques; and Deffontaine, Etienne, 4,525,705, Cl. 340-677.000.

Foch, Henri; and Roux, Jacques, 4,550,365, Cl. 363-98.000.

Rey, Pierre; Leandri, Jacqueline; and Abbou, Clement, 4,497,074, Cl. 3-1.000.

Agence Spatiale Europeenne: *See—*

Bentall, Richard H.; and Briscoe, Henry M., 4,556,182, Cl. 248-179.000.

Beretta, Guiliano; and Saitto, Antonio, 4,562,441, Cl. 343-781.00P.

Engelking, Uwe, 4,504,033, Cl. 244-170.000.

O'Sullivan, Dermot; and Schreuders, Jan, 4,529,927, Cl. 323-222.000.

Rhodes, John D.; and Cameron, Richard J., 4,544,901, Cl. 333-212.000.

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Agency of Industrial Science and Technology: *See—*

Abe, Eiichi; and Hirosue, Hideharu, 4,542,043, Cl. 427-213.000.

Akiyama, Masahiro; and Akiyama, Yoshihiro, 4,561,916, Cl. 148-175.000.

Asami, Tadao; Suchiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.
Ebata, Yoshihiro; Tamari, Nobuyuki; Toibana, Yasuo; and Hayami, Ryozo, 4,525,387, Cl. 427-190.000.
Ebata, Yoshihiro; Kinoshita, Makoto; and Hayami, Ryozo, 4,529,459, Cl. 156-89.000.
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Hamasaki, Masanobu, 4,507,540, Cl. 219-121.0LD.
Imagawa, Kyoshiro; Sakuragi, Shiro; and Saitoh, Mitsunori, 4,491,385, Cl. 350-96.200.
Ishida, Masahiko; Haga, Ryoichi; Ishibashi, Tadashi; and Odawara, Yoji, 4,491,522, Cl. 210-603.000.
Ishida, Masahiko; and Haga, Ryoichi, 4,522,721, Cl. 210-603.000.
Jido, Morio, 4,508,265, Cl. 239-3.000.
Kaneko, Makoto; Tachi, Susumu; and Komoriya, Kiyoshi, 4,558,215, Cl. 250-222.100.
Kawamura, Yoshio, 4,531,907, Cl. 431-170.000.
Kikuchi, Keisuke; Morikawa, Takitaro; Shimada, Junichi; and Sakurai, Kenjiro, 4,557,566, Cl. 350-413.000.
Kobayashi, Toshiaki; and Tanaka, Masato, 4,503,232, Cl. 546-336.000.
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Kunikyo, Tomoo, 4,504,945, Cl. 370-88.000.
Matsuda, Kiyofumi; Eiju, Tomoaki; Enomoto, Yuji; and Yoshida, Yoshitaro, 4,529,310, Cl. 356-349.000.
Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.
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Miyata, Takeo; Ono, Takuhiro; and Iwabuchi, Takashi, 4,533,593, Cl. 428-215.000.
Murase, Ichiki; Ohnishi, Toshihiro; and Noguchi, Takanobu, 4,528,118, Cl. 252-500.000.
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Nara, Koichi, 4,506,996, Cl. 374-176.000.
Nara, Koichi, 4,560,288, Cl. 374-201.000.
Noyori, Masato; Saitou, Hiroyoshi; Sato, Masamitsu; and Kikuchi, Kiyoshi, 4,542,477, Cl. 364-900.000.
Oda, Yoshio; Otouma, Hiroshi; and Endoh, Eiji, 4,498,962, Cl. 204-129.000.
Ogura, Mutsuo, 4,500,204, Cl. 356-318.000.
Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, 4,506,109, Cl. 174-128.00S.
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Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, 4,548,044, Cl. 62-48.000.
Sano, Shiro, 4,495,300, Cl. 501-102.000.
Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.
Sawai, Nobushige; Miyasaka, Kaneyoshi; and Murata, Ryoji, 4,541,165, Cl. 29-568.000.
Suzuki, Hiroshi; Gama, Yasuo; and Miyazaki, Shoji, 4,517,110, Cl. 252-180.000.
Tajima, Michio, 4,492,871, Cl. 250-459.100.
Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.
Takayanagi, Takeshi; Suzuki, Shizuo; Minowa, Susumu; and Nozaki, Yoshihiko, 4,557,316, Cl. 164-517.000.
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Wakabayashi, Hajimu; Terai, Ryohei; Yamanaka, Hiroshi; and Hara, Shigeo, 4,514,329, Cl. 252-629.000.
Yamaguchi, Yasuhiro; and Sakatani, Yoshiaki, 4,510,103, Cl. 264-40.200.
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Yamanobe, Takashi; Mitsuishi, Yasushi; and Takasaki, Yoshiyuki, 4,562,150, Cl. 435-99.000.
Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, 4,502,930, Cl. 204-160.100.

Ager, Ian R.: *See—*
    Rowlands, David A.; Gillespie, Roger J.; Ager, Ian R.; Clements-Jewery, Stephen; and Gardner, Colin R., 4,547,507, Cl. 514-291.000.
    Westwood, Robert; Miller, Peter; Ager, Ian R.; and Kay, David P., 4,510,143, Cl. 514-250.000.

Agerlid, Charles G. Outer to inner flow vacuum filter with see through outer enclosure. 4,544,387, 10-1-85, Cl. 55-274.000.

Agers, Brian M.; and Goldstein, Arnold S., to Du Pont de Nemours, E. I., and Company. Yarn texturing jet. 4,492,009, 1-8-85, Cl. 28-254.000.

Agetsuma, Fumio: *See—*
    Ishida, Keiichi; Okumura, Junji; and Agetsuma, Fumio, 4,534,506, Cl. 236-35.300.

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    Bauer, Walter; Farber, Heinrich; and Muller, Jurgen, 4,493,545, Cl. 354-277.000.
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    Becherer, Walter; Geyken, Erwin; Jelinek, Nikolaus; and Lechner, Franz, 4,494,706, Cl. 242-65.000.
    Becker, Manfred; Klotzer, Sieghart; and Moisar, Erik, 4,495,277, Cl. 430-567.000.
    Bergthaller, Peter; Stolzenburg, Rudolf; Marx, Paul; and Hamprecht, Rainer, 4,524,124, Cl. 430-241.000.
    Bergthaller, Peter; Odenwalder, Heinrich; and Matejec, Reinhard, 4,546,073, Cl. 430-543.000.
    Bergthaller, Peter; Rosenhahn, Lothar; Herd, Karl J.; Fuerstenwerth, Hauke; and Stolzenburg, Rudolf, 4,559,296, Cl. 430-519.000.
    Bickl, Horst; Findeis, Gunter; and Treiber, Helmut, 4,492,458, Cl. 355-38.000.
    Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, 4,508,809, Cl. 430-237.000.
    Boie, Immo; and Kovacic, Guido, 4,532,201, Cl. 430-202.000.
    Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, 4,537,486, Cl. 354-317.000.
    Fursich, Manfred; and Treiber, Helmut, 4,561,768, Cl. 355-38.000.
    Greiner, Joachim; and Nippe, Burkhard, 4,497,007, Cl. 360-114.000.
    Heider, Alfred; Schlick, Erich; and Schnall, Gunther, 4,548,399, Cl. 271-221.000.
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    Hosel, Peter, 4,512,704, Cl. 414-292.000.
    Kampfer, Helmut; Hase, Marie; and Glass, Max, 4,504,668, Cl. 548-120.000.
    Kampfer, Helmut; Hase, Marie; and Glass, Max, 4,539,408, Cl. 546-139.000.
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    Kluge, Reimund; and Werner, Eberhard, 4,520,497, Cl. 378-166.000.
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    Massengeil, Hans A.; Overmeer, Robert; Pietruska, Joachim; and Caufriez, Jean J., 4,540,166, Cl. 271-3.100.
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    Nagel, Erich; Huber, Leonhard; and Lammel, Gunter, 4,544,110, Cl. 242-67.10R.
    Osegowitsch, Viktor, 4,556,305, Cl. 354-298.000.
    Payrhammer, Bernd; and Knor, Bernhard, 4,523,839, Cl. 355-68.000.
    Pertzsch, Albert; Liepold, August; Brunner, Hubert; and Zeroni, Ludwig, 4,527,691, Cl. 206-387.000.
    Podszun, Wolfgang; Simm, Walter; Goossens, John; and Suling, Carlhans, 4,521,505, Cl. 430-112.000.
    Renner, Gunter; Wolff, Erich; Sommer, Friedhelm; Stark, Herbert; Stieler, Dieter; and Meier, Egon, 4,529,691, Cl. 430-556.000.
    Reschenhofer, Rudolf; Mullritter, Ludwig; Schnall, Gunther; and Fruth, Franz, 4,497,478, Cl. 270-53.000.
    Schenk, Gunther; Bergthaller, Peter; Heidenreich, Holger; and Wolfrum, Gerhard, 4,524,123, Cl. 430-241.000.
    Schirk, Gunter; and Koninger, Horst, 4,498,752, Cl. 354-301.000.
    Schumann, Hans-Joachim; Ohlschlager, Hans; and Kampfer, Helmut, 4,543,308, Cl. 430-21.000.
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    Stahl, Werner; and Muller, Jurgen, 4,516,763, Cl. 271-11.000.
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    Thate, Kurt; Farber, Heinrich; and Muller, Jurgen, 4,496,273, Cl. 414-411.000.
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    Wagensonner, Eduard; Ruf, Wolfgang; and Landsiedel, Thomas, 4,558,436, Cl. 365-230.000.
    Weber, Klaus; Hujer, Friedrich; and Schaner, Ferdinand, 4,508,224, Cl. 206-455.000.
    Wetzel, Guenter, 4,497,481, Cl. 271-3.100.

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    Bruyndonckx, Jan J.; and Bosschaerts, Jacobus H., 4,519,696, Cl. 355-14.00D.
    De Cock, Etienne M.; De Schamphelaere, Lucien A.; Librecht, Freddy M.; and Van Peteghem, Willy F., 4,524,372, Cl. 346-160.000.
    Deconinck, Hugo F., 4,527,320, Cl. 29-33.00R.
    De Roo, Pierre R.; and Tavernier, Serge M., 4,525,445, Cl. 430-109.000.
    De Schamphelaere, Lucien A.; De Cock, Etienne M.; De Bondt, Werner E.; Librecht, Freddy M.; Boeve, Gerard J.; and Van Peteghem, Willy F., 4,536,778, Cl. 346-160.000.
    de Winter, Walter F.; Uytterhoeven, Herman J.; Gilliams, Yvan K.; and De Volder, Noel J., 4,522,908, Cl. 430-114.000.
    Janssens, Wilhelmus; and Claeys, Daniel A., 4,496,645, Cl. 430-239.000.

  - Lemahieu, Raymond G.; and Janssens, Wilhelmus, 4,514,494, Cl. 430-376.000.
  - Muylle, Wilfried E., 4,537,306, Cl. 206-455.000.
  - Nelen, Petrus R., 4,498,758, Cl. 355-3.0TR.
  - Nelen, Petrus R., 4,548,396, Cl. 271-90.000.
  - Uytterhoeven, Herman J.; Gilliams, Yvan K.; De Winter, Walter F.; Marien, August M.; and De Volder, Noel J., 4,525,446, Cl. 430-117.000.
  - Vackier, Leo N.; Mampaey, Jozef L.; and Alaerts, Leo B., 4,492,177, Cl. 118-651.000.
  - Vackier, Leo N., 4,515,461, Cl. 355-3.0TR.
  - Van de Sande, Christian C.; Verhecken, Andre; and Janssens, Wilhelmus, 4,537,853, Cl. 430-218.000.
  - Van Humbeeck, Freddy J.; Burtin, Jean; and Van Meenen, Johnny P., 4,541,317, Cl. 83-34.000.
- Aggarwal, Sundar L.: *See—*
  - Bingham, Robert E.; Durst, Richard R.; Fabris, Hubert J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,503,204, Cl. 526-187.000.
  - Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,497,748, Cl. 260-665.00R.
  - Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,553,578, Cl. 152-209.00R.
- Aggeler, Michael J., to Texor Corporation. Method and apparatus for handling magnetic recording disks. 4,510,542, 4-9-85, Cl. 360-98.000.
- Aggour, Mohamed A.; and Banerjee, Sanjoy, to Esso Resources Canada Limited. Apparatus and method for determining the hydrogen content of a substance. 4,499,380, 2-12-85, Cl. 250-390.000.
- Agharkar, Shireesh A.: *See—*
  - Tuttle, Alan H.; Leonard, James K.; Agharkar, Shireesh A.; and Waggott, John, 4,557,664, Cl. 415-105.000.
- Aghnides, Elie P. Concealed aerator. 4,534,513, 8-13-85, Cl. 239-428.500.
- Aghnides, Elie P. Concealed aerator which seals against a spout when inserted therein. 4,534,514, 8-13-85, Cl. 239-428.500.
- Agin, Patricia P.: *See—*
  - Pawelek, John M.; and Agin, Patricia P., 4,508,706, Cl. 424-60.000.
- AGIP Petroli S.p.A.: *See—*
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  - Warkentin, Henry, 4,524,780, Cl. 130-30.00G.
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  - Delmas, Michel; Gaset, Antoine; and Le Bigot, Yves, 4,501,910, Cl. 549-506.000.
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  - Lawrence, Robert H., Jr.; and Hill, Phillip E., 4,499,687, Cl. 47-58.000.
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  - Durham, Robert L., 4,555,448, Cl. 428-402.000.
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  - Grossauer, Alfred, 4,542,922, Cl. 285-320.000.
- Agro, Ignatius T.: *See—*
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  - Bates, Robert L., 4,524,535, Cl. 43-4.500.
- Agro-Systems, Inc.: *See—*
  - Anthony, Wilson B., 4,515,816, Cl. 426-69.000.
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  - de Monbrison, Christian, 4,493,163, Cl. 47-61.000.
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  - Rumbach, Karl F., 4,526,537, Cl. 432-239.000.
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  - Ryan, John W., 4,505,337, Cl. 72-260.500.
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  - Morales, Alfredo L.; Galiasso, Roberto E.; Agudelo, Maria M.; Salazar, Jose A.; and Carrasquel, Angel R., 4,520,128, Cl. 502-210.000.
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  - Bantz, Wesley R., 4,554,724, Cl. 29-451.000.
- Ahad, Munir J., to American Safety Equipment Corporation. Three-point automatic restraint system. 4,506,912, 3-26-85, Cl. 280-803.000.
- Ahad, Munir J., to Adams Rite Products, Inc. Aircraft door lock actuating mechanism. 4,510,779, 4-16-85, Cl. 70-208.000.
- Ahad, Samir E.: *See—*
  - Cheng, Chao-Jan; Donak, John R.; and Ahad, Samir E., 4,528,664, Cl. 370-110.300.
- Aharon, Naaman B. Linear concentrating solar collector. 4,532,916, 8-6-85, Cl. 126-424.000.
- Ahern, Anthony J. Electrostatic precipitator having spacers. 4,559,064, 12-17-85, Cl. 55-145.000.
- Ahern, Ronald A., to Molins Limited. Cigarette manufacture. 4,548,216, 10-22-85, Cl. 131-94.000.
- Ahiskali, Serhat M., to AT&T Bell Laboratories. Snap-in bus bar. 4,536,826, 8-20-85, Cl. 361-407.000.
- Ahlberg, David T., to Polysar Limited. Distillation apparatus. 4,559,108, 12-17-85, Cl. 202-154.000.
- Ahlberg, Leif: *See—*
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Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, 4,542,173, Cl. 523-414.000.

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Ahlgren, Goran. Device for dividing ice-hockey rinks. 4,497,483, 2-5-85, Cl. 272-3.000.

Ahlgren, Stig B. Sign having changeable displays. 4,528,763, 7-16-85, Cl. 40-505.000.

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Ahlm, Lars. Method for producing an elastic body with protective layer. 4,539,057, 9-3-85, Cl. 156-212.000.

Ahlman, Esko A. O.: *See—*

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Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.

Ahluwalia, Rajesh K.: *See—*

Im, Kwan H.; and Ahluwalia, Rajesh K., 4,547,351, Cl. 423-242.000.

Ahmad, Shamim; and Schaefer, Ronald J., to B. F. Goodrich Company, The. Energy saving tire with silica-rich tread. 4,519,430, 5-28-85, Cl. 152-209.00R.

Ahmad, Syed I.: *See—*

Yun, Shyun-long; Leon, Luis P.; and Ahmad, Syed I., 4,503,146, Cl. 435-19.000.

Ahmed, Bashir M., to Amchem Products, Inc. Water or steam cure of autodeposited resin coatings on metallic substrates. 4,562,098, 12-31-85, Cl. 427-341.000.

Ahmed, Syed M.: *See—*

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Scott, William B.; and Ahmer, Bruce E., 4,550,241, Cl. 219-121.0LG.

Ahne, Hellmut; Kruger, Hans; and Rubner, Roland, to Siemens Aktiengesellschaft. Method for the preparation of orientation layers for liquid crystal displays and liquid crystal displays having orientation layers. 4,514,043, 4-30-85, Cl. 350-341.000.

Ahnemiller, James; and Peascoe, Warren J., to Uniroyal, Inc. Method for making polyester resin foam by spraying. 4,525,487, 6-25-85, Cl. 521-78.000.

Ahner, Peter; Harer, Helmut; and Schustek, Siegfried, to Robert Bosch GmbH. Combined liquid-cooled on-board network generator and heater for mobile vehicles. 4,500,772, 2-19-85, Cl. 219-209.000.

Ahner, Reinhard. Hand-operated press for treating vegetables or fruit. 4,545,299, 10-8-85, Cl. 100-112.000.

Aho, Martin P. Horizontal drip dryer. 4,538,365, 9-3-85, Cl. 34-239.000.

Ahola, Clifford J.: *See—*

Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., 4,535,941, Cl. 241-21.000.

Ahola, Raimo; Kopola, Harri; and Myllyla, Risto, to Noptel Ky. Method for shooting practice. 4,553,943, 11-19-85, Cl. 434-22.000.

Ahonen, Heikki, to Yhtyneet Paperitehtaat Oy. Steam generator heated by combination of electric heat and condensation of contaminated process steam. 4,532,413, 7-30-85, Cl. 219-279.000.

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Ahr, Nicholas A.: *See—*

Moret, David M.; and Ahr, Nicholas A., 4,495,658, Cl. 2-49.00R.

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Henriksson, Sven-Erik D.; Ahrel, Bo A.; Svensson, Claes G. S.; and Franzen, Torsten A. H., 4,537,655, Cl. 162-23.000.

Ahrendt, Donald A., to Allis-Chalmers Corporation. Single lever control device for multiple functions. 4,523,488, 6-18-85, Cl. 74-471.0XY.

Ahrens Agricultural Industries Co.: *See—*

Ahrens, Claude W., 4,559,905, Cl. 119-73.000.

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Ahrens, Kurt H.: *See—*

Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.

Ahrens, Max: *See—*

Schubert, Hermann; Ahrens, Max; and Haissig, Manfred, 4,532,977, Cl. 164-442.000.

Ahrens, Norbert; Daniel, Helmut; and Schacknies, Gerhard, to Krupp Polysius AG. Method and apparatus for mixing fine material. 4,491,419, 1-1-85, Cl. 366-101.000.

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Ahrens, Paul R.: *See—*

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Keller, Martin B.; and Ahrens, Roger A., 4,547,266, Cl. 162-252.000.

Ahrweiler, Karl-Heinz; Anst[illegible], Helmut; and Hartmann, Werner, to Kusters, Eduard. Calender. 4,534,829, 8-13-85, Cl. 162-361.000.

Ahs, Vilgot, to Tocksfors Verkstads AB. Circuit arrangement for temperature control of an electric heating element. 4,546,238, 10-8-85, Cl. 219-497.000.

Ahuja, Sudhir R., to AT&T Bell Laboratories. Store group bus allocation system. 4,514,728, 4-30-85, Cl. 340-825.500.

Ai, Daniel K.; and Yu, Ho, to Aluminum Company of America. Roll caster apparatus having converging tip assembly. 4,526,223, 7-2-85, Cl. 164-428.000.

Ai, Daniel K.; and Yu, Ho, to Aluminum Company of America. Roll caster apparatus having nozzle tip assembly with novel spacer member. 4,550,766, 11-5-85, Cl. 164-428.000.

Ai, Daniel K.: *See—*

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Yu, Ho; and Ai, Daniel K., 4,550,767, Cl. 164-428.000.

Ai, Hideo; Ikeda, Akihiko; and Matsuoka, Yoshio, to Asahi Kasei Kogyo Kabushiki Kaisha. Epoxy compounds, process for the preparation thereof and resist materials comprising thereof. 4,528,332, 7-9-85, Cl. 525-332.200.

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Aiba, Akira: *See—*

Yoshimura, Tokuo; Hagiwara, Kunio; and Aiba, Akira, 4,528,304, Cl. 523-216.000.

Aiba, Kazumi: *See—*

Tanikawa, Minoru; Imaizumi, Yutaka; Suzuki, Masami; Aiba, Kazumi; Sato, Minoru; and Takahashi, Mineo, 4,550,480, Cl. 29-156.40R.

Aiba, Masahiko; Kuranishi, Masaaki; and Miyake, Hideyuki, to Sharp Kabushiki Kaisha. Piezo activated pump in an ink liquid supply system. 4,555,718, 11-26-85, Cl. 346-140.00R.

Aiba, Shigeo: *See—*

Kako, Hiroyoshi; Kobayashi, Nobuo; Tanimoto, Iwao; and Aiba, Shigeo, 4,539,857, Cl. 74-422.000.

Aiba, Takeshi: *See—*

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.

Aiba, Yoshiro: *See—*

Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.

Aibe, Toshio: *See—*

Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, 4,500,327, Cl. 55-72.000.

Nishino, Hiroshi, and Aibe, Toshio, 4,532,115, Cl. 423-210.000.

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Aichelmann, Frederick J., Jr.; and Lange, Lawrence K., to International Business Machines Corporation. Memory address permutation apparatus. 4,506,364, 3-19-85, Cl. 371-38.000.

Aicher, Frederick T.; Martin, James R., Sr.; and Flanagan, William T., to NDM Corporation. Electrosurgical electrode connector. 4,550,961, 11-5-85, Cl. 339-14.00R.

Aichi Machine Industry Company, Limited: *See—*

Ebihara, Sakae; Tanizaki, Hiroyuki; Sato, Kazuma; and Kanazawa, Yuzo, 4,541,667, Cl. 297-64.000.

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Aichi Spinning Co., Ltd.: *See—*

Imoda, Kinichiro; Kawai, Toshinori; and Nishitani, Kimio, 4,513,921, Cl. 242-36.000.

Aichi Steel Works, Ltd.: *See—*

Aoyama, Shigetsune; Yoshikawa, Kazuo; Hasegawa, Yoshimichi; and Higuchi, Junichi, 4,512,559, Cl. 267-47.000.

Suzuki, Michihiko; Kawaguchi, Katsukiyo; and Kojima, Yoshihiko, 4,505,946, Cl. 427-29.000.

Yamamoto, Toshiro; Kobayashi, Ryohei; Kurimoto, Mamoru; and Ozone, Toshio, 4,544,406, Cl. 75-123.00N.

Aichi, Takeo: *See—*

Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, 4,520,756, Cl. 118-699.000.

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Aichinger, Horst; Marhoff, Paul; and Pfeiler, Manfred, to Siemens Aktiengesellschaft. Diagnostic radiology setup with means for suppressing stray radiation. 4,550,419, 10-29-85, Cl. 378-099.000.

Aid, James D.; and Lindsay, Edward R., to Baxter Travenol Laboratories, Inc. Pressure regulator. 4,554,069, 11-19-85, Cl. 210-101.000.

Aida Engineering Ltd.: *See—*

Kato, Yoshinori; Matsui, Makoto; and Nonaka, Zenichiro, 4,509,638, Cl. 198-486.000.

Sato, Mitsuo, 4,502,379, Cl. 100-214.000.

Tezuka, Yoshitomo, 4,559,276, Cl. 428-599.000.

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Aida, Hideaki: *See—*

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,497,223, Cl. 74-866.000.

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Aida, Hiroyuki: *See—*

Narita, Ryuhei; Aida, Hiroyuki; and Kamiya, Yoshinori, 4,535,503, Cl. 16-382.000.

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Ogata, Yohji; Aida, Isao; Murayama, Hirokazu; and Shibuya, Kenjiro, 4,532,409, Cl. 219-137.00R.

Aida, Masaaki, to Kabushiki Kaisha Midori. Combination scissors and paper knife. 4,528,707, 7-16-85, Cl. 7-131.000.

Aida, Satoshi; and Itoh, Ayao, to Tokyo Shibaura Denki Kabushiki Kaisha. Gas introducing apparatus for respiratory gas analyzer. 4,558,709, 12-17-85, Cl. 128-719.000.

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Aida, Takahiro: *See—*

Kawamoto, Keiji; Kato, Keigo; and Aida, Takahiro, 4,520,126, Cl. 502-184.000.

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Aidn, Martin, to Siemens Aktiengesellschaft. Polarized electromagnetic relay. 4,551,698, 11-5-85, Cl. 335-78.000.

Aiello, Michael E., to Aerotech, Inc. Switching amplifier with MOSFET driver circuit. 4,554,512, 11-19-85, Cl. 330-10.000.

Aiello, Richard E.; Moist, Stanford C., Jr.; Poleshuk, Robert J.; and Wildman, Timothy C., to AMP Incorporated. Connector having means for positively seating contacts. 4,544,220, 10-1-85, Cl. 339-59.00M.

Aigner, Heinrich; Merget, Norbert; Norden, Jurgen; Schweppe, Manfred; and Wetter, Klaus, to Chemische Werke Huels AG. Solid, water-soluble micronutrient mixtures, their preparation and use. 4,505,732, 3-19-85, Cl. 71-11.000.

Aigner, Karl. Double perfusion catheter. 4,540,402, 9-10-85, Cl. 604-44.000.

Aigo, Seiichiro. Carrier for cleaning and etching wafers. 4,500,080, 2-19-85, Cl. 269-56.000.

Aigo, Seiichiro. Information card. 4,511,796, 4-16-85, Cl. 235-492.000.

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Aigo, Seiichiro. Spin drier for semiconductor material. 4,525,938, 7-2-85, Cl. 34-58.000.

Aigrefeuille, Charles V. Y., to Societe Francaise d'Orthopodie. Mold for forming orthopedic soles and plantar moldings adapted to the feet of patients. 4,548,563, 10-22-85, Cl. 425-2.000.

Aihara, Akira: *See—*

Shimizu, Masaaki; and Aihara, Akira, 4,518,380, Cl. 493-420.000.

Aihara, Hironaka: *See—*

Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-317.000.

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Aihara, Katsuzo; Tada, Naofumi; Suzuki, Yasuo; Ishihara, Joo; and Ogawa, Toshio, to Hitachi, Ltd. Method of producing material for superconductor. 4,560,404, 12-24-85, Cl. 75-0.50C.

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Sudoh, Chuzoh; Hagita, Hyoji; Asakawa, Motoo; Nagai, Hiroshi; and Aihara, Kenji, 4,545,227, Cl. 72-12.000.

Tsukamoto, Takashi; Sudo, Chuzo; Aihara, Kenji; and Nishimura, Syozi, 4,525,598, Cl. 174-128.00R.

Aihara, Shigenobu; and Yamada, Akio, to NEC Corporation. Waveguide amplifier circuit. 4,517,527, 5-14-85, Cl. 330-287.000.

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Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.

Aihara, Yoshihiko, to Canon Kabushiki Kaisha. Focus detecting device. 4,545,665, 10-8-85, Cl. 354-402.000.

Aihara, Yoshihiko: *See—*

Someya, Hiromi; Aihara, Yoshihiko; Mizogui, Toyokazu; and Suzuki, Nobuyuki, 4,525,054, Cl. 354-443.000.

Aihara, Yukichi: *See—*

Makimoto, Mitsuo; Aihara, Yukichi; and Yamashita, Sadahiko, 4,506,241, Cl. 333-222.000.

Aikawa, Norihiro, to Kubota, Ltd. Hydraulic circuitry for a backhoe. 4,561,341, 12-31-85, Cl. 91-6.000.

Aiken, Ormarion J. Dental floss holder. 4,531,530, 7-30-85, Cl. 132-91.000.

Aikens, Paul W., to Du Pont de Nemours, E. I., and Company. Chip carrier connector. 4,553,805, 11-19-85, Cl. 339-75.0MP.

Aiki, Kunio: *See—*

Chinone, Naoki; Kashiwada, Yasutoshi; Yamashita, Shigeo; and Aiki, Kunio, 4,506,366, Cl. 372-45.000.

Aikins, Jerry L., to Zimmer, Inc. Sheath and retractable surgical tool combination. 4,491,132, 1-1-85, Cl. 128-305.000.

Aikman, Collin D.: *See—*

Fulks, Bernard D.; Sawin, Steven P.; Aikman, Collin D.; and Jenkins, John M., III, 4,532,311, Cl. 526-62.000.

Aikman, Leslie N. Miniature tobacco filters. 4,532,942, 8-6-85, Cl. 131-198.100.

Aiko, Shinichi; Maruta, Rikio; and Nishitani, Takao, to NEC Corporation. System and method for ADPCM transmission of speech or like signals. 4,554,670, 11-19-85, Cl. 375-30.000.

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Aileo, Jackson A.: *See—*

Scalzo, John P.; and Aileo, Jackson A., 4,523,661, Cl. 181-129.000.

Aimor Denshi Kabushiki Kaisha: *See—*

Matsushima, Keiichi, 4,542,997, Cl. 400-120.000.

Aimoto, Shingo: *See—*

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Ainlay, John A. Leak detector for underground storage tanks. 4,561,291, 12-31-85, Cl. 73-49.200.

Ainpour, Parviz R., to Howmedica, Inc. Method for graft copolymerization to natural rubber articles. 4,526,579, 7-2-85, Cl. 604-265.000.

Ainslie, Norman G.; and Tan, Swie-In, to International Business Machines Corporation. Apparatus for thermo bonding surfaces. 4,534,811, 8-13-85, Cl. 156-73.100.

Ainsworth, Harold: *See—*
- Ainsworth, Leslie; and Ainsworth, Harold, 4,494,251, Cl. 2-425.000.

Ainsworth, John D., to Associated Electrical Industries Limited. Firing-angle control in inverters. 4,554,623, 11-19-85, Cl. 363-96.000.

Ainsworth, John D., to Associated Electrical Industries Limited. Multi-loop control system for an ac/dc converter employing mode switching. 4,558,405, 12-10-85, Cl. 363-81.000.

Ainsworth, Leslie; and Ainsworth, Harold. Eye protector. 4,494,251, 1-22-85, Cl. 2-425.000.

Ainsworth, Thomas S.: *See—*
- Hall, Robert; and Ainsworth, Thomas S., 4,542,316, Cl. 313-318.000.

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- Keitaro, Yonezawa, 4,520,919, Cl. 198-648.000.
- Yonezawa, Keitaro, 4,506,871, Cl. 269-24.000.
- Yonezawa, Keitaro, 4,524,660, Cl. 83-639.000.
- Yonezawa, Keitaro, 4,557,371, Cl. 198-803.010.

Air Cabin Engineering: *See—*
- Seitz, Fred H.; and Jaschke, Max J., 4,524,976, Cl. 273-388.000.

Air Conditioning Corporation: *See—*
- Lubin, David; Connor, Larry W.; and Glass, Samuel W., 4,495,383, Cl. 179-100.00L.

Air Dry Corporation: *See—*
- Leighton, Francis; and Trebes, Fred W., 4,519,580, Cl. 251-223.000.

Air Industrie: *See—*
- Benicourt, Michel; Buffet, Jean; and Huard, Jean-Francois, 4,499,329, Cl. 136-208.000.
- Carre, Christian; and Guibet, Jean P., 4,534,778, Cl. 55-340.000.

Air Lane Systems Inc.: *See—*
- Lem, Hans J., 4,511,030, Cl. 198-633.000.

AIR Ltd.: *See—*
- May, Michael G., 4,511,806, Cl. 290-43.000.

Air Monitor Corporation: *See—*
- DeBaun, Kenneth W., 4,559,835, Cl. 73-861.660.
- Ulbing, Otmar M., 4,557,153, Cl. 74-2.000.

Air-O-Lator Corporation: *See—*
- Cramer, Barry G.; and Cramer, Roy A., 4,514,343, Cl. 261-37.000.

Air-O-Scoop Corporation: *See—*
- Chatlos, Richard, 4,503,756, Cl. 98-2.120.

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- Bellows, Kenneth O., 4,552,204, Cl. 165-10.000.
- Bellows, Kenneth O., 4,557,318, Cl. 165-10.000.
- Bellows, Kenneth O., 4,558,732, Cl. 165-8.000.
- Bellows, Kenneth O., 4,561,492, Cl. 165-8.000.
- Case, Michael A.; Mattison, Glenn D.; and Counterman, Wayne S., 4,548,261, Cl. 165-82.000.
- Counterman, Wayne S., 4,559,998, Cl. 165-109.100.
- Goetschius, Gary C., 4,512,389, Cl. 165-10.000.
- Schoonover, John M., 4,553,458, Cl. 83-33.000.
- Sunter, Thomas C., 4,491,458, Cl. 55-21.000.
- Sunter, Thomas C., 4,500,326, Cl. 55-21.000.

Air Products and Chemicals, Inc.: *See—*
- Agrawal, Rakesh; and Kovak, Kenneth W., 4,543,115, Cl. 62-25.000.
- Allam, Rodney J.; and Prentice, Alan L., 4,535,594, Cl. 60-654.000.
- Bauman, Bernard D., 4,552,847, Cl. 136-5.000.
- Bechara, Ibrahim S., 4,542,214, Cl. 544-107.000.
- Bennett, Douglas L.; Edwards, Thomas J.; and Rowles, Howard C., 4,510,023, Cl. 203-99.000.
- Bernhard, Dennis P.; Rowles, Howard C.; and Teichman, Robert L., 4,519,825, Cl. 62-28.000.
- Bligh, Bernard R., 4,549,890, Cl. 62-18.000.
- Bonney, Glenn E.; and Longsworth, Ralph C., 4,514,204, Cl. 62-41.000.
- Burgoyne, William F., Jr.; Chen, Michael S.; Dixon, Dale D.; and Edwards, Thomas J., 4,556,546, Cl. 423-226.000.
- Burke, Thomas W.; and Klee, David J., 4,524,550, Cl. 51-424.000.
- Burke, Thomas W.; Welch, Robert A.; Schmoyer, Kevin S.; and Bauman, Bernard D., 4,554,025, Cl. 134-17.000.
- Carr, Richard V. C., 4,496,782, Cl. 568-934.000.
- Cassano, Anthony A., 4,526,775, Cl. 423-579.000.
- Chen, Michael S.; Edwards, Thomas J.; and Ernst, William R., 4,524,050, Cl. 423-243.000.
- Chen, Michael S.; and Heffelfinger, Michael T., 4,529,577, Cl. 423-351.000.
- Coe, Charles G.; and Kuznicki, Steven M., 4,544,378, Cl. 55-68.000.
- Davis, Ruth A.; Herron, Donn M.; Pervier, James W.; and Vines, Harvey L., 4,504,295, Cl. 62-30.000.
- Deeba, Michael, 4,536,602, Cl. 564-485.000.
- Di Stefano, Frank V., 4,537,831, Cl. 428-514.000.
- Erickson, Donald C., 4,521,398, Cl. 423-579.000.
- Ford, Michael E.; and Johnson, Thomas A., 4,503,253, Cl. 564-479.000.
- Ford, Michael E.; and Johnson, Thomas A., 4,560,798, Cl. 564-503.000.
- Galla, Edward A.; and Smoyer, Bruce A., 4,525,316, Cl. 264-54.000.
- Geist, Jacob M.; Vines, Harvey L.; Alvarez, Miguel R.; Rowles, Howard C.; and Woodward, Donald W., 4,496,382, Cl. 62-31.000.
- Goar, B. Gene, 4,552,747, Cl. 423-574.00R.
- Grab, George D.; and Dean, Sheldon W., 4,562,052, Cl. 423-235.000.
- Grandin, Roland E.; and Milligan, Barton, 4,501,922, Cl. 564-408.000.
- Greskovich, Eugene J.; and Zanchuk, Walter A., 4,495,874, Cl. 110-347.000.
- Greskovich, Eugene J., 4,515,095, Cl. 110-347.000.
- Gussow, Stanley; Spence, David C.; and Schwartz, William A., 4,558,168, Cl. 585-324.000.
- Hausman, Mary L.; Miller, Gerald D.; and Wempe, Lawrence K., 4,503,185, Cl. 524-553.000.
- Hausman, Mary L.; and Lenney, William E., 4,521,561, Cl. 524-459.000.
- Hegarty, William P., 4,542,114, Cl. 502-39.000.
- Hegarty, William P., 4,545,787, Cl. 55-16.000.
- Kadi, Frank J., 4,530,213, Cl. 62-55.500.
- Kadi, Frank J., 4,530,233, Cl. 73-23.000.
- Kingston, Michael F. E., 4,527,718, Cl. 222-603.000.
- Klee, David J., 4,519,171, Cl. 51-419.000.
- Klee, David J.; and Ehnot, Donald J., 4,524,548, Cl. 51-322.000.
- Klee, David J., 4,527,844, Cl. 312-214.000.
- Klee, David J., 4,528,819, Cl. 62-63.000.
- Koch, William R., 4,539,019, Cl. 55-21.000.
- Lenney, William E., 4,507,429, Cl. 524-800.000.
- Liu, Yu-Nan; and Pervier, James W., 4,545,795, Cl. 62-11.000.
- Marsella, John A.; and Pez, Guido P., 4,558,157, Cl. 564-132.000.
- Marten, Finn L., 4,529,775, Cl. 525-62.000.
- McNeil, Brian A., 4,526,595, Cl. 62-28.000.
- McNeil, Brian A., 4,529,425, Cl. 62-37.000.
- Milligan, Barton; and DeLaMater, George B., 4,533,763, Cl. 568-716.000.
- Milligan, Barton; and DeLaMater, George B., 4,533,765, Cl. 568-763.000.
- Newton, Charles L.; and Stuber, Wayne G., 4,504,296, Cl. 62-31.000.
- Newton, Charles L., 4,525,185, Cl. 62-11.000.
- Newton, Charles L.; Stuber, Wayne G.; and Patterson, Michael A., 4,541,852, Cl. 62-11.000.
- Nicholas, David M., 4,522,722, Cl. 210-605.000.
- Nichols, James D.; Derby, Richard; von dem Bussche, Glenn T.; and Hannum, David A., 4,557,838, Cl. 252-8.55C.
- Older, Geoffrey I.; and Webb, Leigh S., 4,499,740, Cl. 62-374.000.
- O'Reilly, Richard, 4,492,591, Cl. 62-17.000.
- Paterson, Alan J. F., 4,551,091, Cl. 432-23.000.
- Pierantozzi, Ronald, 4,508,846, Cl. 502-174.000.
- Pierantozzi, Ronald, 4,510,267, Cl. 518-715.000.
- Pierantozzi, Ronald, 4,521,540, Cl. 518-717.000.
- Riedy, Richard C., 4,538,416, Cl. 62-6.000.
- Santangelo, Joseph G.; and Fernbacher, John M., 4,512,403, Cl. 166-261.000.
- Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, 4,507,459, Cl. 528-64.000.
- Schuck, Thomas W., 4,559,786, Cl. 62-55.000.
- Shenoy, Thirthahalli A.; and Losin, Martha S., 4,556,404, Cl. 62-17.000.
- Sircar, Shivaji; Ambs, William J.; and Conrad, Roger R., 4,529,416, Cl. 55-68.000.
- Sircar, Shivaji; Conrad, Roger R.; and Ambs, William J., 4,557,736, Cl. 55-62.000.
- Spector, Marshall L.; and Hong, Sun-Nan, 4,552,663, Cl. 210-605.000.
- Spector, Marshall L.; Hong, Sun-Nan; and Seebohm, Robert P., 4,556,491, Cl. 210-608.000.
- Spence, David C.; and Schwartz, William A., 4,560,824, Cl. 585-662.000.
- Sunder, Swaminathan; and Miller, Robert N., 4,539,094, Cl. 208-8.0LE.
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- Thurber, Scott W., 4,555,839, Cl. 29-450.000.
- Wells, James E.; and Eskinazi, Victoria, 4,501,889, Cl. 544-106.000.
- Wells, James E., 4,514,567, Cl. 544-352.000.
- Wells, James E.; and Eskinazi, Victoria, 4,521,600, Cl. 544-352.000.
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- Wilson, Keith B., 4,556,522, Cl. 261-114.00R.
- Wilson, Robert B., Jr.; and Laine, Richard M., 4,562,291, Cl. 564-463.000.
- Woodward, Donald W.; Katsaros, Arthur T.; and Rowles, Howard C., 4,525,187, Cl. 62-31.000.

Air Sensors, Inc.: *See—*
- Watkins, Dennis W., 4,517,735, Cl. 29-621.000.
- Watkins, Dennis W., 4,523,461, Cl. 73-204.000.

Air-Shields, Inc.: *See—*
- Mosteller, Thomas F., 4,496,346, Cl. 604-123.000.

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- Carpanzano, Carmine, 4,511,279, Cl. 403-266.000.

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- Wolfert, Clarke K., 4,554,862, Cl. 98-42.210.

Airaksinen, Pentti: *See—*
- Hietanen, Esko; and Airaksinen, Pentti, 4,503,721, Cl. 74-44.000.

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- Easter, Finis C.; and Aires, Ramon H., 4,504,896, Cl. 363-21.000.

Airesman, Charles: *See—*
- Stern, Mark; Airesman, Charles; and Pandit, Vijay, 4,543,837, Cl. 73-862.630.

- Airflow Research and Manufacturing Corp.: *See—*
  - Gray, Leslie M., III, 4,548,548, Cl. 416-189.000.
- Airheart, Franklin B., to Alston Industries, Inc. Compact high performance disc brake. 4,535,873, 8-20-85, Cl. 188-72.400.
- Airlette Manufacturing Corporation, Inc.: *See—*
  - Jarnot, Frank R., 4,537,119, Cl. 98-52.000.
- Airmar Technology Corporation: *See—*
  - Boucher, Stephen G.; and Jeffers, Robert K., 4,555,938, Cl. 73-187.000.
- Airmaster Fan Company: *See—*
  - Breining, Frank E., 4,517,481, Cl. 310-71.000.
- Airpax Corporation: *See—*
  - Merchant, Donald K., 4,510,479, Cl. 337-91.000
- Airrigation Engineering Company, Inc.: *See—*
  - Woogerd, Stanley M., 4,556,434, Cl. 134-22.140.
- Airtec Industries: *See—*
  - Senaratne, Gane W., 4,505,505, Cl. 294-64.100.
- Airwick AG: *See—*
  - Gombert, Jean-Marie, 4,539,038, Cl. 71-64.110.
- Airwick Industries, Inc.: *See—*
  - Dente, Stephen V.; and Ward, Kenneth J., 4,552,777, Cl. 427-393.100
  - Hennart, Claude; and Blanc, Rene, 4,515,768, Cl. 424-40.000.
  - Mandon, Jean-Pierre, 4,505,429, Cl. 239-56.000.
- Aisan Industry Co., Ltd.: *See—*
  - Itou, Takaaki; Katou, Takashi; and Morino, Toshiharu, 4,495,112, Cl. 261-41.00D.
  - Kozawa, Tadashi, 4,496,379, Cl. 55-387.000.
  - Nakamura, Norihiko; Itoh, Takaaki; and Morino, Toshiharu, 4,491,550, Cl. 261-44.00C.
  - Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; Ota, Yozo; and Morino, Toshiharu, 4,493,804, Cl. 261-44.00C.
  - Tamura, Yoshio; Ito, Takaaki; and Morino, Toshiharu, 4,508,664, Cl. 261-44.00C.
  - Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.
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  - Yoshida, Shigeru, 4,507,132, Cl. 55-320.000.
- Aisan Kogyo Kabushiki Kaisha: *See-*
  - Hada, Toshikatsu; and Isoya, Yukinori, 4,505,250, Cl. 123-540.000.
  - Kitamura, Sunao, 4,541,378, Cl. 123-333.000.
  - Nakai, Kenji, 4,509,693, Cl. 239-585.000.
  - Nomura, Yoshihisa; Watanabe, Shingo; and Yamamoto, Shoichi, 4,541,788, Cl. 417-471.000.
  - Watanabe, Masaki, 4,540,944, Cl. 328-22.000.
- Aisen Kogyo, Ltd.: *See—*
  - Iwahashi, Shoji, 4,493,315, Cl. 128-60.000.
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  - Adachi, Yoshiharu; Ando, Masamoto; and Nagashima, Takashi, 4,561,699, Cl. 303-24.00F.
  - Akagi, Motonobu, 4,504,039, Cl. 251-65.000.
  - Akagi, Motonobu; Kawabata, Yasuhiro; and Hattori, Kyo, 4,530,374, Cl. 137-625.300.
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  - Amano, Hiroyuki; and Sakakibara, Naoji, 4,504,756, Cl. 310-168.000.
  - Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, 4,509,467, Cl. 123-90.160.
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  - Arakawa, Susumu, 4,502,281, Cl. 60-585.000.
  - Frank, Andrew A.; and Omitsu, Takashi, 4,515,041, Cl. 74-866.000.
  - Fujii, Takashi; Ando, Masamoto; and Nishimura, Takumi, 4,552,413, Cl. 303-106.000.
  - Fujikawa, Motoi, 4,534,455, Cl. 192-40.000.
  - Furuta, Yohichi; Tsubouchi, Kaoru; and Nishii, Michiharu, 4,494,445, Cl. 91-369.00A.
  - Furuta, Yohichi; Tsubouchi, Kaoru; and Nanamura, Kaoru, 4,495,772, Cl. 60-533.000.
  - Gomi, Koichi; and Nishio, Shigeru, 4,540,153, Cl. 251-11.000.
  - Hamajima, Shigemitsu; Nishimura, Tomoaki; Sakakibara, Naoji; and Kawata, Shoji, 4,499,542, Cl. 364-424.100.
  - Haneda, Hideo; and Yamanaka, Minoru, 4,494,098, Cl. 335-230.000.
  - Haneda, Hideo; and Yamanaka, Minoru, 4,558,293, Cl. 335-255.000.
  - Hara, Sohichi; and Matsuzaki, Minori, 4,559,685, Cl. 29-156.50R.
  - Hashimoto, Akio; and Yasuda, Tomio, 4,538,698, Cl. 180-79.100.
  - Hashimoto, Akio; and Yasuda, Tomio, 4,561,515, Cl. 180-79.100.
  - Hashimoto, Nobuyuki, 4,491,157, Cl. 137-871.000.
  - Hattori, Takemi; and Esaki, Kozo, 4,491,364, Cl. 297-284.000.
  - Hattori, Takemi, 4,534,592, Cl. 297-284.000.
  - Hayashi, Masaharu; Tsuchikawa, Syunzo; and Itakura, Masato, 4,519,343, Cl. 123-41.490.
  - Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, 4,553,209, Cl. 364-431.070.
  - Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, 4,553,621, Cl. 180-179.000.
  - Hyodo, Hitoshi; and Sakakibara, Naoji, 4,556,861, Cl. 340-62.000.
  - Inada, Masami; and Hashimoto, Kenji, 4,501,298, Cl. 137-625.480.
  - Inada, Masami; and Hashimoto, Kenji, 4,512,546, Cl. 251-65.000.
  - Inden, Masahiro; and Kuwana, Kazutaka, 4,515,345, Cl. 251-141.000.
  - Ishida, Keiichi; Okumura, Junji; and Agetsuma, Fumio, 4,534,506, Cl. 236-35.300.
  - Ishii, Masami; Arai, Fuminao; Hattori, Noriaki; and Mita, Junichi, 4,553,015, Cl. 219-121.0ED.
  - Ishikawa, Kazuo, 4,512,212, Cl. 74-733.000.
  - Iwasaki, Shinichiro, 4,553,058, Cl. 310-268.000.
  - Kagata, Tooru; and Fujikawa, Motoi, 4,538,714, Cl. 192-54.000.
  - Katagiri, Masayoshi; and Kondo, Toshio, 4,498,559, Cl. 188-1.110.
  - Kawabata, Yasuhiro; and Akagi, Motonobu, 4,512,153, Cl. 60-611.000.
  - Kawai, Shinji; Yamaguchi, Yuji; Suzuki, Koichi; and Takeda, Hisanobu, 4,551,868, Cl. 4-443.000.
  - Kawai, Taneichi; and Masuda, Mituyoshi, 4,561,691, Cl. 296-216.000.
  - Kawakami, Toshiro, 4,549,821, Cl. 384-103.000.
  - Kawata, Shoji; Hyodo, Hitoshi; and Akita, Tokihiko, 4,540,060, Cl. 180-179.000.
  - Kazaoka, Kenichi; and Okazaki, Hiroshi, 4,502,730, Cl. 297-366.000.
  - Kitamura, Kazuhiko, 4,519,369, Cl. 123-337.000.
  - Kodama, Hisashi; Hamamoto, Tooru; Tamura, Tetsuomi; Sato, Katsujiro; and Yamada, Kazuharu, 4,535,734, Cl. 123-90.580.
  - Kodama, Hisashi, 4,541,374, Cl. 123-90.590.
  - Kodama, Hisashi, 4,546,734, Cl. 123-90.160.
  - Kondo, Hiroyuki; Yoshimura, Yoshikane; and Nomura, Yoshihisa, 4,527,709, Cl. 220-22.000.
  - Kozakai, Asao; Watanabe, Shingo; and Nakanishi, Nobuyasu, 4,492,414, Cl. 303-116.000.
  - Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, 4,537,444, Cl. 297-284.000.
  - Minakuchi, Fumio, 4,519,333, Cl. 112-311.000.
  - Miyagawa, Seiichi; and Nakane, Takeshi, 4,525,670, Cl. 324-208.000.
  - Mizutani, Hiroyuki; and Ochi, Kunihiko, 4,539,447, Cl. 200-61.910.
  - Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, 4,532,771, Cl. 62-6.000.
  - Morioka, Hiroaki; and Sakakibara, Naoji, 4,545,563, Cl. 251-298.000.
  - Nagashima, Takashi, 4,544,210, Cl. 303-6.00C.
  - Nagata, Kazuhisa; Mori, Keiji; and Ogasawara, Asao, 4,493,507, Cl. 296-216.000.
  - Nakamura, Kaoru, 4,505,112, Cl. 60-533.000.
  - Nakamura, Kaoru, 4,528,895, Cl. 92-129.000.
  - Nakamura, Kaoru, 4,544,075, Cl. 220-82.00R.
  - Nakamura, Kazuaki, 4,522,032, Cl. 62-6.000.
  - Nakamura, Ryuji; and Hayashi, Masaharu, 4,555,004, Cl. 192-58.00B.
  - Nakane, Takeshi; and Nakagawa, Katsumi, 4,500,864, Cl. 338-4.000.
  - Naramoto, Yuichi, 4,537,411, Cl. 280-6.00R.
  - Naruse, Yoshihiro, 4,542,489, Cl. 367-93.000.
  - Nishii, Michiharu, 4,534,270, Cl. 91-376.00R.
  - Nishikawa, Masumi, 4,516,440, Cl. 74-493.000.
  - Nishikawa, Masumi, 4,539,861, Cl. 74-493.000.
  - Nishio, Shigeru, 4,498,494, Cl. 137-514.000.
  - Nomura, Isshi, 4,519,367, Cl. 123-440.000.
  - Ochiai, Chiaki, 4,516,474, Cl. 91-519.000.
  - Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, 4,518,068, Cl. 192-0.052.
  - Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, 4,529,072, Cl. 192-0.052.
  - Oguma, Tomio; and Hayakawa, Seiji, 4,530,339, Cl. 123-561.000.
  - Ohumi, Takeharu; Kurahashi, Yasuo; Hattori, Kyo; and Sakurai, Kazuhiro, 4,535,815, Cl. 137-625.480.
  - Ohyama, Tadashi, 4,493,474, Cl. 251-129.000.
  - Okabe, Yoshio, 4,527,462, Cl. 92-51.000.
  - Okabe, Yoshio, 4,539,001, Cl. 474-138.000.
  - Okamoto, Toshiaki; Oguma, Tomio; and Kaga, Matasaburo, 4,556,038, Cl. 123-564.000.
  - Okazaki, Hiroshi; and Hyodo, Motoi, 4,533,107, Cl. 248-430.000.
  - Okuyama, Teiji; Kuwana, Kazutaka; and Ishikawa, Masanobu, 4,558,897, Cl. 296-1.00S.
  - Omitsu, Takashi, 4,523,565, Cl. 123-399.000.
  - Onda, Tsutomu; Kano, Keiichi; and Itakura, Shinji, 4,498,965, Cl. 2[illegible]4-228.000.
  - Ono, Takuro, 4,554,895, Cl. 123-90.550.
  - Sakakibara, Naoji; Amano, Hiroyuki; Morioka, Hiroaki; and Kawata, Shoji, 4,559,864, Cl. 91-454.000.
  - Suzuki, Akira; Oumi, Takeharu; Takamiya, Sanshiro; and Nakazawa, Hideo, 4,546,760, Cl. 128-1.00D.
  - Suzumura, Nobuyasu; Umebayashi, Kazuyuki; and Yamada, Takahiro, 4,503,504, Cl. 364-425.000.
  - Takamiya, Sanshiro; Yoshizawa, Michisuke; and Suzuki, Akira, 4,556,997, Cl. 623-3.000.
  - Terada, Takami; Nawa, Hiroshi; and Kawamura, Reiki, 4,519,650, Cl. 297-452.000.
  - Terada, Takami; and Harada, Kuniyoshi, 4,529,159, Cl. 248-421.000.
  - Tsubouchi, Kaoru, 4,491,056, Cl. 91-369.00A.
  - Tsubouchi, Kaoru, 4,494,443, Cl. 91-369.00A.
  - Tsuchikawa, Shunzo; Hayashi, Masaharu; and Hori, Takanobu, 4,505,641, Cl. 416-189.000.
  - Tsuchikawa, Shunzo; and Kawabata, Yasuhiro, 4,539,943, Cl. 123-41.050.

  - Watanabe, Tetsumi; Haramura, Shigenori; and Momose, Yutaka, 4,532,767, Cl. 60-525.000.
  - Yamaguchi, Hiroji; Hayashi, Masaharu; and Itakura, Masato, 4,544,053, Cl. 192-58.00B.
  - Yamaguchi, Yuji; and Kawai, Shinji, 4,559,964, Cl. 137-107.000.
  - Yamamoto, Kimihiko; and Ishikawa, Hitoshi, 4,499,837, Cl. 112-158.00A.
  - Yogo, Kenji, 4,549,470, Cl. 92-94.000.
  - Yoneda, Tetsuzo; and Sato, Masanori, 4,539,865, Cl. 74-606.00R.
- Aisin Warner Kabushiki Kaisha: *See—*
  - Hayakawa, Yoichi; and Ito, Yasunobu, 4,503,927, Cl. 180-247.000.
  - Hayakawa, Yoichi; Yokoyama, Shoji; and Ito, Yasunobu, 4,547,178, Cl. 474-11.000.
  - Ito, Yasunobu, 4,492,421, Cl. 339-59.00R.
  - Kawamoto, Matsumi, 4,509,627, Cl. 192-85.00F.
  - Kawamoto, Mutsumi, 4,550,629, Cl. 74-689.000.
  - Motomura, Jiro; Kamiya, Yasuhisa; and Nishikawa, Seiichi, 4,512,449, Cl. 192-3.280.
  - Sakakibara, Shiro; and Kawamoto, Mutsumi, 4,526,061, Cl. 74-689.000.
  - Sakakibara, Shiro; and Kawamoto, Mutsumi, 4,526,062, Cl. 74-689.000.
  - Sakakibara, Shiro; and Hayakawa, Yoichi, 4,545,779, Cl. 474-240.000.
  - Sakakibara, Shiro, 4,549,447, Cl. 74-689.000.
  - Sumiya, Koji; and Kuramochi, Kojiro, 4,509,391, Cl. 74-869.000.
  - Wayman, Robert W.; Kawamoto, Mutsumi; and Sakakibara, Shiro, 4,548,099, Cl. 74-689.000.
  - Yokoyama, Shoji; and Sakakibara, Shiro, 4,534,243, Cl. 74-868.000.
- Aisin-Warner Limited: *See—*
  - Sakakibara, Shiro, 4,541,820, Cl. 474-17.000.
  - Sakakibara, Shiro, 4,541,821, Cl. 474-17.000.
  - Sakakibara, Shiro, 4,559,850, Cl. 74-868.000.
- Aisslinger, Dieter E.: *See—*
  - Pusch, Gunter; Hoffmann, Alexander; and Aisslinger, Dieter E., 4,495,239, Cl. 428-192.000.
  - Pusch, Gunter; Hoffmann, Alexander; and Aisslinger, Dieter E., 4,560,608, Cl. 428-196.000.
- Aito, Yuzo; and Shimada, Keizo, to Teijin Limited. Fiber-reinforced composite materials. 4,532,275, 7-30-85, Cl. 523-468.000.
- Aiuchi, Susumu: *See—*
  - Kubota, Hitoshi; Tanaka, Minoru; and Aiuchi, Susumu, 4,536,419, Cl. 427-255.500.
- Aiura, Hirochika: *See—*
  - Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-211.000.
- Aivasidis, Alexander; and Wandrey, Christian, to Kernforschungsanlage Julich GmbH. Process and apparatus for the continuous anaerobic decomposition of organic compounds. 4,532,042, 7-30-85, Cl. 210-603.000.
- Aizawa, Hiroshi: *See—*
  - Shimizu, Masami; Omi, Junji; Watanabe, Kunio; Uchidoi, Masanori; and Aizawa, Hiroshi, 4,520,340, Cl. 338-195.000.
- Aizawa, Hitomi, to Kabushiki Kaisha Suwa Seikosha. Electronic timepiece with record/playback circuits. 4,508,457, 4-2-85, Cl. 368-63.000.
- Aizawa, Hitomi, to Kabushiki Kaisha Suwa Seikosha. Electronic timepiece with a sound generator. 4,551,029, 11-5-85, Cl. 368-273.000.
- Aizawa, Iwao; and Masuda, Michio, to Hitachi, Ltd. Synchronizing signal generating circuit for solid-state color video camera. 4,517,587, 5-14-85, Cl. 358-17.000.
- Aizawa, Katsuo: *See—*
  - Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.
- Aizawa, Kensuke: *See—*
  - Kiryu, Kyuji; and Aizawa, Kensuke, 4,546,724, Cl. 118-669.000.
- Aizawa, Kohki: *See—*
  - Kominami, Yasuo; Ohkubo, Yuichi; Aizawa, Kohki; and Sasaki, Satoshi, 4,525,636, Cl. 307-264.000.
- Aizawa, Koki; and Haeno, Akira, to Pioneer Electronic Corporation. Level shifting circuit. 4,551,642, 11-5-85, Cl. 307-552.000.
- Aizawa, Koki; Takizawa, Yoshiyuki; Haeno, Akira; and Motoyama, Akira, to Pioneer Electronic Corporation. Pickup level control device for a system for reading out recorded information. 4,558,213, 12-10-85, Cl. 250-214.00R.
- Aizawa, Kuniomi: *See—*
  - Okano, Yoshio; Okuma, Yasuo; Aizawa, Kuniomi; Oyama, Yasuyoshi; and Kitamura, Yoichiro, 4,525,712, Cl. 340-825.310.
- Aizawa, Makoto; Kishimoto, Tsuneo; and Tanimoto, Yoshio, to Mazda Motor Corporation. Fiber-reinforced urethane molding provided with coating films. 4,501,790, 2-26-85, Cl. 428-283.000.
- Aizawa, Masanori: *See—*
  - Miyamatsu, Yasunori; Kaga, Yasuo; Aizawa, Masanori; Ishibashi, Kazuhisa; and Ueno, Hiroshi, 4,526,287, Cl. 220-260.000.
- Aizawa, Michihiko: *See—*
  - Miyoshi, Nobutaka; Sugimoto, Shigeo; and Aizawa, Michihiko, 4,551,991, Cl. 62-476.000.
- Aizawa, Shoji: *See—*
  - Saito, Eiji; Aizawa, Shoji; Mitsui, Michio; Miyata, Tomohiko; and Kuroda, Masayuki, 4,508,266, Cl. 239-3.000.
- Aizawa, Takao: *See—*
  - Senuma, Akitaka; and Aizawa, Takao, 4,499,210, Cl. 521-91.000.
- Aizawa, Tatsuo: *See—*
  - Nishihama, Hitoshi; Gotoda, Katsuhiko; Motomura, Minoru; Nakajima, Tadanobu; and Aizawa, Tatsuo, 4,533,618, Cl. 430-126.000.
- Aizawa, Tatsushi: *See—*
  - Niyama, Eisuke; and Aizawa, Tatsushi, 4,561,488, Cl. 164-463.000.
- Aizawa, Yukio, to Tokyo Shibaura Denki Kabushiki Kaisha. Voltage inverter device. 4,513,362, 4-23-85, Cl. 363-41.000.
- Aizawa, Yukio: *See—*
  - Ohmori, Tadashi; Fujiso, Tokuo; Yasui, Eiji; Nomura, Soichi; and Aizawa, Yukio, 4,537,872, Cl. 502-230.000.
- AJ-Produkter I Hyltebruk AB: *See—*
  - Aspen, Kjell, 4,523,784, Cl. 296-100.000.
- Ajax Consolidated Co.: *See—*
  - Bretz, Frank E., 4,507,937, Cl. 62-298.000.
- Ajiki, Harumi: *See—*
  - Mizutani, Shinichi; and Ajiki, Harumi, 4,523,363, Cl. 29-235.000.
- Ajiki, Mitunori: *See—*
  - Yanagida, Tomomi; Ajiki, Mitunori; and Suzuki, Shigeru, 4,499,145, Cl. 428-418.000.
- Ajiki, Yoshio; and Matsuura, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Valve actuating apparatus. 4,537,164, 8-27-85, Cl. 123-90.160.
- Ajima, Takashi; Ohshima, Jiro; and Koshino, Yutaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of forming deep aluminum doped silicon by implanting Al and Si ions through alumina layer and device formed thereby. 4,515,642, 5-7-85, Cl. 148-1.500.
- Ajima, Takashi: *See—*
  - Aoyama, Masaharu; Abe, Masahiro; Ajima, Takashi; and Yonezawa, Toshio, 4,520,041, Cl. 427-88.000.
  - Yonezawa, Toshio; Ajima, Takashi; Hiraki, Shunichi; Koshino, Yutaka; and Oka, Yoshitami, 4,560,642, Cl. 430-313.000.
- Ajima, Tatsuro: *See—*
  - Tanase, Teruyoshi; Nishigaki, Kenichi; and Ajima, Tatsuro, 4,547,470, Cl. 501-87.000.
- Ajimine, Akio: *See—*
  - Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.
  - Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,551,849, Cl. 381-86.000.
  - Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, 4,550,428, Cl. 381-86.000.
- Ajinomoto Co., Inc.: *See—*
  - Hirai, Kiyomiki; Takeuchi, Koji; Ito, Nobuo; and Abe, Masahiro, 4,530,991, Cl. 528-123.000.
  - Hirai, Kiyomiki; Takeuchi, Koji; Abe, Masahiro; and Ito, Nobuo, 4,544,733, Cl. 528-123.000.
  - Hirose, Takeshi; Ito, Nobuo; Hirai, Kiyomiki; and Takeuchi, Koji, 4,546,155, Cl. 525-504.000.
  - Kato, Toshihisa; Iwagami, Hisao; and Yasuda, Naohiko, 4,537,719, Cl. 260-239.00A.
  - Kurahashi, Osamu; Tsuchida, Takayasu; Kawashima, Hiroki; Enei, Hitoshi; and Nakamori, Shigeru, 4,504,581, Cl. 435-107.000.
  - Kurahashi, Osamu; Kamada, Masahiro; and Enei, Hitoshi, 4,560,652, Cl. 435-108.000.
  - Matsushita, Noritaka, 4,529,555, Cl. 556-174.000.
  - Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.
  - Miwa, Kiyoshi; Terabe, Mahito; Ishida, Masaaki; Matsui, Hiroshi; and Momose, Haruo, 4,560,654, Cl. 435-115.000.
  - Morimoto, Hideyuki; Saeki, Masaru; and Kawakita, Tetsuya, 4,543,330, Cl. 435-110.000.
  - Niki, Katsumi; Inokuchi, Hiroo; Yagi, Tatsuhiko; and Nakamura, Asao, 4,541,908, Cl. 204-101.000.
  - Ohashi, Hiroyuki; Ohara, Ikuo; and Takami, Toru, 4,499,076, Cl. 424-143.000.
  - Oyama, Kiyotaka; Irino, Shigeaki; Harada, Tsuneo; and Nakamura, Masao, 4,521,514, Cl. 435-70.000.
  - Sakakibara, Shumpei; Yugari, Yasumi; and Hashimoto, Shigebumi, 4,536,395, Cl. 514-7.000.
  - Takemoto, Tadashi; Hijiya, Toyoto; and Yamatani, Tetsuo, 4,550,180, Cl. 549-253.000.
  - Takeshita, Kazuhisa; and Takeda, Yasuo, 4,539,056, Cl. 156-183.000.
  - Takeuchi, Koji; Abe, Masahiro; Ito, Nobuo; and Hirai, Kiyomiki, 4,542,202, Cl. 528-96.000.
  - Toyoshi, Seiji; Tanegawa, Tetsuo; Saeki, Masaru; and Kawakita, Tetsuya, 4,523,999, Cl. 210-639.000.
  - Udaka, Shigezo; Miyashiro, Shigeyoshi; Shimizu, Eikou; and Shiio, Tsuyoshi, 4,507,282, Cl. 424-117.000.
  - Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, 4,560,748, Cl. 536-24.000.
  - Yamane, Isao; Kan, Mikio; and Minamoto, Yoshiki, 4,533,637, Cl. 435-240.000.
  - Yamatani, Tetsuo; Hijiya, Toyoto; Takeda, Hideo; Shibuya, Koji; and Tanaka, Kiichiro, 4,508,912, Cl. 549-253.000.
  - Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, 4,529,697, Cl. 435-110.000.

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Mulliner, Richard R.; and Ajioka, James S., 4,499,157, Cl. 428-624.000.
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Ajiro, Yutaka; and Kozuka, Michihiro, to Tomy Kogyo Company, Incorporated. Toy having two bodies capable of connecting to a third body. 4,519,788, 5-28-85, Cl. 446-356.000.
Ajmera, Shreyas H., to Baker's Bakery Ltd. Tray. 4,522,301, 6-11-85, Cl. 206-507.000.
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Ragnebring, Chris, 4,506,613, Cl. 112-143.000.
Akaba, Hayao; Yamada, Takeshi; and Jinbo, Masahiro, to Hoya Lens Corporation. Motor-driven subjective phorometer. 4,537,480, 8-27-85, Cl. 351-235.000.
Akaba, Kunihisa: *See—*
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Akabane, Yukihiro: *See—*
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Kutsukake, Masaki; Yamauchi, Mineo; and Akada, Masanori, 4,559,273, Cl. 428-484.000.
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Loth, Fritz; Dautzenberg, Horst; Stamberg, Jiri ; Peska, Jan; Bertram, Dieter; and Lettau, Herbert, 4,536,217, Cl. 106-122.000.
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Hamano, Isao; Yabunaka, Kiyoshi; Akae, Yoshifumi; Tanaka, Toshinori; Gotou, Takeo; and Matsumoto, Kouichi, 4,543,923, Cl. 123-179.00F.
Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,553,441, Cl. 74-7.00R.
Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Nishimura, Youji; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,558,992, Cl. 417-250.000.
Akagawa, Masaki; Onda, Hideaki; Kobayashi, Osamu; and Nishiumi, Kenji, to Kabushiki Kaisha Nippon Coinco. Bill accepting device. 4,556,139, 12-3-85, Cl. 194-4.00C.
Akagawa, Masaki: *See—*
Sugimoto, Osamu; and Akagawa, Masaki, 4,499,982, Cl. 194-1.00N.
Akagi, Jiro, to Kabushiki Kaisha Komatsu Seisakusho. Fuel injection nozzle assembly. 4,561,590, 12-31-85, Cl. 239-96.000.
Akagi, Motonobu, to Aisin Seiki Kabushiki Kaisha. Solenoid actuated valve device. 4,504,039, 3-12-85, Cl. 251-65.000.
Akagi, Motonobu; Kawabata, Yasuhiro; and Hattori, Kyo, to Aisin Seiki Kabushiki Kaisha; and Toyota Jidosha Kogyo Kabushiki Kaisha. Linear motor-actuated flow control valve. 4,530,374, 7-23-85, Cl. 137-625.300.
Akagi, Motonobu, to Aisin Seiki Kabushiki Kaisha. Mounting device for spiral spring. 4,552,249, 11-12-85, Cl. 185-39.000.
Akagi, Motonobu, to Aisin Seiki Kabushiki Kaisha. Electromagnetic control valve. 4,561,469, 12-31-85, Cl. 137-625.470.
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Kawabata, Yasuhiro; and Akagi, Motonobu, 4,512,153, Cl. 60-611.000.
Akagi, Motoo: *See—*
Morishita, Hajime; Akagi, Motoo; Nonogaki, Saburo; Hayashi, Nobuaki; and Uchino, Shoichi, 4,510,226, Cl. 430-144.000.
Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, 4,520,094, Cl. 430-144.000.
Akagi, Noriyuki: *See—*
Ogawa, Yoshinari; Sakai, Kouichi; and Akagi, Noriyuki, 4,506,043, Cl. 523-523.000.
Ogawa, Yoshinari; and Akagi, Noriyuki, 4,536,531, Cl. 524-135.000.
Akagi, Takao; Yamaguchi, Shinji; and Kubotsu, Akira, to Kuraray Co., Ltd. Fibrous structure having roughened surface. 4,522,873, 6-11-85, Cl. 428-283.000.
Akagi, Toshimasa: *See—*
Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, 4,518,863, Cl. 250-578.000.
Akagi, Toshimichi: *See—*
Tadokoro, Tomoo; and Akagi, Toshimichi, 4,502,435, Cl. 123-198.00F.
Akagi, Yuji: *See—*
Hattori, Toshihiko; Akagi, Yuji; and Kohara, Hideo, 4,509,906, Cl. 418-152.000.
Akagiri, Kenzo; and Katakura, Masayuki, to Sony Corporation. Gain control circuit. 4,521,738, 6-4-85, Cl. 330-134.000.
Akahane, Masao: *See—*
Takeda, Koji; Akahane, Masao; Mukaiyama, Fumiaki; and Kudo, Yasuhiko, 4,551,846, Cl. 375-82.000.
Akahane, Naoto; Yamaguchi, Yoshitake; Matsuura, Takeshi; and Watatani, Seiji, to Hitachi, Maxell Ltd. Magnetic recording medium. 4,561,034, 12-24-85, Cl. 360-134.000.
Akahane, Shoji: *See—*
Shimokobe, Hirokata; Saito, Sueo; Tomioka, Kentaro; Akahane, Shoji; and Hirota, Kazuo, 4,524,824, Cl. 106-35.000.
Akahira, Nobuo: *See—*
Ohta, Takeo; Nakamura, Tatsushi; and Akahira, Nobuo, 4,547,875, Cl. 369-275.000.
Akahori, Hiroyuki: *See—*
Tsujimoto, Michihiro; Asano, Makoto; Hasegawa, Kiyoharu; and Akahori, Hiroyuki, 4,561,000, Cl. 346-208.000.
Akahori, Kimihiko: *See—*
Kodama, Hideyo; Kondo, Yasuo; and Akahori, Kimihiko, 4,544,019, Cl. 164-496.000.
Akahori, Shigetaka: *See—*
Nogami, Takahiro; Akahori, Shigetaka; Oohori, Harumi; and Nakanishi, Nobuyasu, 4,497,395, Cl. 192-4.00A.
Akahoshi, Yutaka: *See—*
Kanno, Tadaaki; Ukai, Takeshi; Akahoshi, Yutaka; and Shibata, Katsuji, 4,509,732, Cl. 270-37.000.
Akaike, Akihiko: *See—*
Yasui, Toshihiko; Matsumoto, Tetsuo; and Akaike, Akihiko, 4,536,468, Cl. 430-296.000.
Akaike, Toshihiro: *See—*
Kasai, Shunji; Akaike, Toshihiro; and Miyata, Teruo, 4,559,304, Cl. 435-240.000.
Akamatsu, Junichi: *See—*
Nakane, Yasuaki; Akamatsu, Junichi; Sakamoto, Susumu; and Kiyomiya, Tadashi, 4,525,412, Cl. 428-199.000.
Akamatsu, Masahiko, to Mitsubishi Denki Kabushiki Kaisha. Semiconductor switch device. 4,491,742, 1-1-85, Cl. 307-252.00C.
Akamatsu, Masahiko, to Mitsubishi Denki Kabushiki Kaisha. Inductively commutated thyristor inverter. 4,506,319, 3-19-85, Cl. 363-138.000.
Akamatsu, Norio; and Toyosu, Yasuhiro. Electrode for an electrocardiograph. 4,550,735, 11-5-85, Cl. 128-639.000.
Akamatsu, Norio: *See—*
Toyosu, Yasuhiro; and Akamatsu, Norio, 4,517,983, Cl. 128-639.000.
Akamatsu, Osamu; and Kitaue, Masaaki, to Nippon Air Brake Co., Ltd. Fluid pressure switch. 4,525,611, 6-25-85, Cl. 200-83.00R.
Akamatsu, Yoshihiro: *See—*
Azuma, Tadashi; Akamatsu, Yoshihiro; Akiyama, Hiroyuki; and Yoshimura, Shohei, 4,496,627, Cl. 428-336.000.
Akamine, Kazuhiko; Ebara, Katsuya; Ito, Kazuyuki; and Mitani, Shinji. Method and apparatus for purifying liquid using an electromagnetic filter. 4,505,824, 3-19-85, Cl. 210-695.000.
Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro, to Yamatake-Honeywell Co., Ltd. Electromagnetic flowmeter. 4,499,754, 2-19-85, Cl. 73-861.120.
Akao, Mutsuo, to Fuji Photo Film Co., Ltd. Material for packaging light-sensitive materials. 4,513,050, 4-23-85, Cl. 428-200.000.
Akasaka, Chosei. Food processor. 4,542,857, 9-24-85, Cl. 241-37.500.
Akasaki, Hidehiko, to Fujitsu Limited. Hybrid integrated circuit device. 4,539,622, 9-3-85, Cl. 361-401.000.
Akase, Masazumi: *See—*
Asaumi, Hiroshi; Take, Shigeo; Akase, Masazumi; and Terada, Isao, 4,533,581, Cl. 428-64.000.
Akashi, Akira: *See—*
Suda, Yasuo; Akashi, Akira; Ishizaki, Akira; Hiramatsu, Akira; and Ohtaka, Keiji, 4,555,169, Cl. 354-407.000.
Akashi, Fumio, to NEC Corporation. Data communication device including circuitry responsive to an overflow of an input packet buffer for causing a collision. 4,500,990, 2-19-85, Cl. 370-85.000.
Akashi, Goro; Nahara, Akira; and Arai, Yoshihiro, to Fuji Photo Film Co., Ltd. Method of forming thin vapor deposited film of organic material. 4,543,275, 9-24-85, Cl. 427-250.000.
Akashi, Goro: *See—*
Asai, Takamitsu; Kitamoto, Tatsuji; and Akashi, Goro, 4,547,393, Cl. 427-48.000.
Kitamoto, Tatsuji; and Akashi, Goro, 4,513,054, Cl. 428-329.000.
Kitamoto, Tatsuji; and Akashi, Goro, 4,515,857, Cl. 428-328.000.
Kitamoto, Tatsuji; and Akashi, Goro, 4,520,069, Cl. 428-328.000.
Nagao, Makoto; Nahara, Akira; and Akashi, Goro, 4,501,225, Cl. 118-718.000.
Shirahata, Ryuji; Yamada, Yasuyuki; Kitamoto, Tatsuji; and Akashi, Goro, 4,503,119, Cl. 428-336.000.
Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, 4,526,131, Cl. 118-718.000.
Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, 4,546,725, Cl. 118-718.000.
Akashi, Mineo; and Kitada, Yoshitaka, to Nippon Electric Co., Ltd. Pulse generator. 4,550,307, 10-29-85, Cl. 340-347.0DA.

Akashi, Shunji, to Yoshida Kogyo K.K. Slide fastener chain. 4,528,731, 7-16-85, Cl. 24-383.000.

Akashi, Shunji: *See—*

Yoshida, Hiroshi; Akashi, Shunji; and Matsuda, Yoshio, 4,490,890, Cl. 24-434.000.

Yoshida, Hiroshi; Akashi, Shunji; and Kuse, Kazuki, 4,516,304, Cl. 29-408.000.

Yoshida, Hiroshi; Matsuda, Yoshio; and Akashi, Shunji, 4,543,805, Cl. 66-148.000.

Akashi, Teruo; Ito, Hiroshi; and Yamada, Shigemichi, to Toyota Jidosha Kabushiki Kaisha. Transmission mechanism with parallel transmission systems including torque converter in the first speed one only. 4,548,101, 10-22-85, Cl. 74-720.000.

Akashi, Tetsuji: *See—*

Kato, Masaaki; and Akashi, Tetsuji, 4,537,352, Cl. 239-90.000.

Akashi, Tsutomu, to Nippon Electric Co., Ltd. Semiconductor memory device. 4,550,390, 10-29-85, Cl. 365-174.000.

Akashi, Yukimasa, to Showa Seiki Kabushiki Kaisha. Tap holder. 4,514,115, 4-30-85, Cl. 408-139.000.

Akasu, Akira: *See—*

Kajiyama, Shigeru; Takaku, Kazuo; Naruse, Akisuke; and Akasu, Akira, 4,531,663, Cl. 228-29.000.

Akasu, Masahira, to Mitsubishi Denki Kabushiki Kaisha. Ignition timing control system for internal combustion engine. 4,527,526, 7-9-85, Cl. 123-425.000.

Akatsu, Yasuaki: *See—*

Shiina, Koji; Sakaguchi, Seiichiro; and Akatsu, Yasuaki, 4,546,608, Cl. 60-649.000.

Akatsu, Yohsuke: *See—*

Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,519,627, Cl. 280-701.000.

Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,527,654, Cl. 180-140.000.

Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,534,435, Cl. 180-140.000.

Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,540,059, Cl. 180-141.000.

Akatsuka, Takao: *See—*

Nakano, Jiro; Ishibashi, Takao; Akatsuka, Takao; and Takata, Mamoru, 4,561,402, Cl. 123-489.000.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,494,497, Cl. 123-179.00B.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,510,396, Cl. 290-30.00R.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,555,006, Cl. 192-0.084.

Akazawa, Hiroyuki; and Yoshiie, Kazue, to Epson Corporation; Okaya Kogyo Kabushiki Kaisha; and Kabushiki Kaisha Suwa Seikosha. Improved ribbon mask and guide for wire dot printers. 4,492,484, 1-8-85, Cl. 400-248.000.

Akazawa, Hiroyuki, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Paper feeding apparatus for printers. 4,500,023, 2-19-85, Cl. 226-76.000.

Akazawa, Hiroyuki, to Epson Corporation. Serial printer. 4,518,269, 5-21-85, Cl. 400-124.000.

Akazawa, Hiroyuki, to Epson Corporation. Serial printer. 4,525,085, 6-25-85, Cl. 400-59.000.

Akazawa, Michihiro; and Kawasaki, Nobuhiro, to Toyo Soda Manufacturing Co., Ltd. Electrolytic cell. 4,519,888, 5-28-85, Cl. 204-252.000.

Akazawa, Takashi: *See—*

Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.

Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, 4,534,010, Cl. 364-748.000.

Akazawa, Yukio; Ishihara, Noboru; and Ohara, Mamoru, to Nippon Telegraph & Telephone Public Corporation. Monolithic integrated circuit device including AC negative feedback type high frequency amplifier circuit. 4,542,350, 9-17-85, Cl. 330-293.000.

Akebono Brake Industry Co., Ltd.: *See—*

Inoue, Takehisa; and Kinoshita, Kazuhisa, 4,506,767, Cl. 188-73.380.

Maehara, Toshifumi, 4,505,520, Cl. 303-119.000.

Maehara, Toshifumi; and Yoshizawa, Hiroyuki, 4,555,145, Cl. 303-92.000.

Maehara, Toshifumi, 4,556,260, Cl. 303-116.000.

Ogiwara, Osao, 4,505,963, Cl. 428-74.000.

Watanabe, Namio, 4,560,035, Cl. 188-72.800.

Akemoto, Haruo: *See—*

Takeshima, Takahiko; Akemoto, Haruo; and Iwai, Hideki, 4,538,666, Cl. 164-305.000.

Aker, Charles M., to Omnithruster, Inc. Shipboard ice lubrication system and jet pump for use therein. 4,522,141, 6-11-85, Cl. 114-40.000.

Aker, Charles M., to Omnithruster, Inc. Shipboard ice lubrication system and jet pump for use therein. 4,543,900, 10-1-85, Cl. 114-40.000.

Aker, Johnny E.: *See—*

Holcomb, Stephen A.; and Aker, Johnny E., 4,502,727, Cl. 297-209.000.

Akerblom, Bengt. Flow-modifying element, especially a rudder. 4,515,101, 5-7-85, Cl. 114-162.000.

Akerlund & Rausing Verpackung GmbH: *See—*

Cue, Robert; and Hagemann, Alfred, 4,539,063, Cl. 156-361.000.

Akermans Verkstad AB: *See—*

Isaksson, Karl, 4,533,899, Cl. 338-128.000.

Akeroyd, Richard T. Dual fuel valve. 4,520,766, 6-4-85, Cl. 123-27.0GE.

Akers, Brian: *See—*

Whitlam, Joseph E.; Richards, Alwyn H.; and Akers, Brian, 4,497,389, Cl. 182-150.000.

Akers, David D.: *See—*

Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.

Akers, James B., Jr.; Leng, Douglas E.; and Normand, Randall J., to Dow Chemical Company, The. Preparation of chlorinated polyolefins. 4,524,189, 6-18-85, Cl. 525-35.00G.

Akers, James L. Light weight pack for attaching to the clothes of a hiker. 4,555,812, 12-3-85, Cl. 2-94.000.

Akers, Michael J.; Hargrove, William W.; Harris, Dale C.; and Sperry, Charles R., to Eli Lilly and Company. Controlled release infusion system. 4,534,758, 8-13-85, Cl. 604-85.000.

Akers, Oliver C. Belt-supported swingable metal detector. 4,540,943, 9-10-85, Cl. 324-326.000.

Akesson, Torsten. Water closet system having a liquid separator. 4,547,917, 10-22-85, Cl. 4-300.000.

Aketagawa, Tokio: *See—*

Kasagi, Yoshitaka; and Aketagawa, Tokio, 4,546,377, Cl 358-23.000.

Akey, Ronald R.: *See—*

Van Gompel, James; and Akey, Ronald R., 4,515,506, Cl 410-46.000.

AKG Akustische u.Kino-Gerate Gesellschaft m.b.H: *See—*

Fidi, Werner, 4,501,462, Cl. 339-93.00R.

AKG Akustische u.Kino-Gerate Gesellschaft m.b.H.: *See—*

Cech, Karl, 4,546,950, Cl. 248-610.000.

Fidi, Werner; Pribyl, Richard; and Wolf, Konrad, 4,508,192, Cl 181-158.000.

Fidi, Werner; and Nawrata, Gunter, 4,512,009, Cl. 369-170.000.

Ruberl, Ernst, 4,521,741, Cl. 330-277.000.

Akhagen, Rune; and Jansson, Arthur, to Forenade Fabriksverken. Increment charge for a finned projectile. 4,543,885, 10-1-85, Cl. 102-373.000.

Akhavein, Ali A.; and Braithwaite, Gavin B., to ICI Americas Inc. Pest controlling animal tag. 4,495,898, 1-29-85, Cl. 119-156.000.

Akhavi, David S., to Iolab Corporation. Fixture for holding an optical lens during tumbling. 4,541,206, 9-17-85, Cl. 51-217.00L.

Akhavi, David S., to Iolab Corporation. Anterior chamber lens. 4,551,864, 11-12-85, Cl. 623-6.000.

Akhavi, David S.; Cudworth, Richard W.; and Kniffin, John R., to Iolab Corporation. Method and apparatus for dissipating static charge from an abrasive tumbling operation. 4,551,949, 11-12-85, Cl. 51-164.100.

Akhtyamov, Yakub A. Method and apparatus for bloating granular material. 4,519,777, 5-28-85, Cl. 432-13.000.

Aki, Osami: *See—*

Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, 4,514,565, Cl. 544-25.000.

Akiba, Juji; Kobayashi, Satoru; and Sugibuchi, Hiroyuki, to Junkosha Company Ltd. Floating oil leak detector. 4,549,171, 10-22-85, Cl. 340-605.000.

Akiba, Masahiro: *See—*

Tomita, Takao; Akiba, Masahiro; Toyota, Hideki; and Terada, Yasuo, 4,522,029, Cl. 60-314.000.

Tomita, Takao; Tottori, Takumi; Terada, Yasuo; Toyota, Hideki; and Akiba, Masahiro, 4,539,813, Cl. 60-314.000.

Akiba, Shigeyuki; Sakai, Kazuo; Utaka, Katsuyuki; and Matsushima, Yuichi, to Kokusai Denshin Denwa Kabushiki Kaisha. Distributed feedback semiconductor laser. 4,506,367, 3-19-85, Cl. 372-45.000.

Akiba, Shigeyuki; Utaka, Katsuyuki; Sakai, Kazuo; and Matsushima, Yuichi, to Kokusai Denshin Denwa Kabushiki Kaisha. Distributed feedback semiconductor laser. 4,553,239, 11-12-85, Cl. 372-50.000.

Akiba, Shigeyuki: *See—*

Utaka, Katsuyuki; Sakai, Kazuo; and Akiba, Shigeyuki, 4,516,243, Cl. 372-96.000.

Akiba, Taichi: *See—*

Hirano, Hiroyuki; Kurihara, Toshihiko; Akiba, Taichi; and Araki, Yositsugu, 4,545,003, Cl. 369-43.000.

Akiba, Yosuke: *See—*

Ando, Hiroshi, 4,550,026, Cl. 426-316.000.

Akiba, Yutaka; Futami, Toshio; and Suda, Teruo, to Hitachi, Ltd. Litz wire. 4,546,210, 10-8-85, Cl. 174-114.00R.

Akiba, Yutaka; and Hirota, Kazuo, to Hitachi, Ltd. Litz wire for degreasing skin effect at high frequency. 4,549,042, 10-22-85, Cl. 174-114.00R.

Akieda, Shigeru: *See—*

Osaki, Kazuhiko; Hamamoto, Hirofumi; Kurokawa, Junzi; and Akieda, Shigeru, 4,547,946, Cl. 29-412.000.

Akifiev, Oleg N.: *See—*

Grinberg, Grigory M.; Akifiev, Oleg N.; Pytel, Jury A.; Gilev, Anatoly P.; and Paberza, Monika Y., 4,500,516, Cl. 424-156.000.

Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, to Manten Co., Ltd.; and Kajima Corporation. Tiles and arrangement for setting tiles. 4,522,003, 6-11-85, Cl. 52-391.000.

Akihiro, Hirai: *See—*

Reiji, Oguma; and Akihiro, Hirai, 4,500,642, Cl. 501-54.000.

- Akihiro, Kazuo: *See—*
  - Ishikawa, Katsutoshi; Shimotori, Hitoshi; Iida, Noboru; Akihiro, Kazuo; and Ozawa, Shuji, 4,540,698, Cl. 514-270.000.
- Akiike, Yukio: *See—*
  - Hayashi, Hideki; Ito, Yukio; Akiike, Yukio; and Kinoshita, Shigeo, 4,511,103, Cl. 242-186.000.
- Akili-Mudarris, Choukrie: *See—*
  - Kassis, Amin I.; and Akili-Mudarris, Choukrie, 4,534,483, Cl. 215-306.000.
- Akima, Isao: *See—*
  - Tanimura, Nobuyoshi; Yamamoto, Sho; Yoshizaki, Kazuo; and Akima, Isao, 4,509,147, Cl. 365-190.000.
- Akimaru, Susumu: *See—*
  - Komatsu, Isamu; Anzai, Masayasu; Hoshi, Nobuyoshi; and Akimaru, Susumu, 4,545,325, Cl. 118-645.000.
- Akimoto, Hidetoshi: *See—*
  - Abe, Naoto; Akimoto, Hidetoshi; and Nomori, Hiroyuki, 4,501,621, Cl. 134-17.000.
- Akimoto, Koichi: *See—*
  - Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, 4,515,804, Cl. 514-456.000.
- Akimoto, Koji: *See—*
  - Kojo, Hidehiko; and Akimoto, Koji, 4,530,947, Cl. 523-450.000.
  - Kojo, Hidehiko; and Akimoto, Koji, 4,535,103, Cl. 523-450.000.
  - Kojo, Hidehiko; Akimoto, Koji; and Urihara, Kazuhiro, 4,560,732, Cl. 525-481.000.
- Akimoto, Mamoru: *See—*
  - Kondo, Kazuo; Imamura, Seiji; Saito, Shigemasa; Akimoto, Mamoru; and Sunaga, Mitsuo, 4,523,711, Cl. 228-198.000.
- Akimoto, Masao: *See—*
  - Hayakawa, Daishiro; Akimoto, Masao; Narita, Katsumi; and Tani, Kenroku, 4,492,928, Cl. 330-126.000.
- Akimoto, Ryosaku: *See—*
  - Fukumoto, Ryutaro; Oyagi, Shuji; Yoshida, Yukio; and Akimoto, Ryosaku, 4,540,040, Cl. 165-12.000.
- Akimoto, Shinichi: *See—*
  - Mizogami, Shigeyoshi; and Akimoto, Shinichi, 4,518,751, Cl. 526-114.000.
- Akimoto, Taizo: *See—*
  - Shiota, Kazuo; and Akimoto, Taizo, 4,535,413, Cl. 364-526.000.
- Akimoto, Toshio: *See—*
  - Shibaoka, Kazuo; Onishi, Shunji; Miwa, Takao; and Akimoto, Toshio, 4,548,634, Cl. 65-79.000.
- Akimoto, Yoshiteru: *See—*
  - Nishiyama, Masao; Katada, Keiichiro; and Akimoto, Yoshiteru, 4,524,044, Cl. 264-328.600.
- Akimura, Yoshitaka; Mifune, Hiroyuki; and Nakamura, Koki, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials. 4,520,099, 5-28-85, Cl. 430-613.000.
- Akin, Alan D.: *See—*
  - Eastridge, Victor R.; Van dewege, Orville; and Akin, Alan D., 4,528,735, Cl. 29-221.500.
- Akino, Hisashi: *See—*
  - Taguchi, Toshio; Akino, Hisashi; and Nozawa, Takamitsu, 4,513,877, Cl. 220-335.000.
- Akio, Kimura: *See—*
  - Toshimasa, Kuroda; Akio, Kimura; Takumi, Horiuchi; Koki, Sasaki; and Terukuni, Ikuta, 4,534,164, Cl. 57-290.000.
- Akio, Matsumoto: *See—*
  - Yoshiyuki, Iwaki; Akio, Matsumoto; and Mitsuyoshi, Yokota, 4,560,916, Cl. 322-86.000.
- Akister, James F.: *See—*
  - Nally, Robert B.; Akister, James F.; and Ma, Hung S., 4,547,899, Cl. 382-7.000.
- Akisue, Osamu; Yamada, Teruaki; Ueda, Shigeru; Tokunaga, Yoshikuni; and Yamada, Masato, to Nippon Steel Corporation. Process for producing deep-drawing cold rolled steel sheets and strips. 4,551,182, 11-5-85, Cl. 148-12.00C.
- Akita, Eiichi: *See—*
  - Atsumi, Kunio; Katano, Kiyoaki; Kai, Fumio; Nishihata, Ken; and Akita, Eiichi, 4,560,750, Cl. 544-21.000.
- Akita, Shigeyuki: *See—*
  - Kago, Yoshiyuki; and Akita, Shigeyuki, 4,558,321, Cl. 340-904.000.
  - Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, 4,512,189, Cl. 73-296.000.
  - Kitagawa, Junji; and Akita, Shigeyuki, 4,518,956, Cl. 340-620.000.
  - Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, 4,520,359, Cl. 340-870.190.
  - Kitagawa, Junji; Akita, Shigeyuki; Kasegawa, Norimichi; and Nakamura, Akira, 4,522,278, Cl. 180-79.100.
  - Kodera, Masao; Akita, Shigeyuki; and Yoshino, Yasuhisa, 4,524,356, Cl. 340-904.000.
  - Tanaka, Hiroaki; and Akita, Shigeyuki, 4,499,465, Cl. 340-870.370.
  - Tanaka, Hiroaki; and Akita, Shigeyuki, 4,523,195, Cl. 340-870.370.
- Akita, Shinji; and Tanaka, Megumu, to Nippon Kokan Kabushiki Kaisha. Restrained mandrel mill inlet table. 4,498,324, 2-12-85, Cl. 72-208.000.
- Akita, Shuichi; and Namizuka, Toshio, to Nippon Zeon Co. Ltd. Rubber composition. 4,550,142, 10-29-85, Cl. 525-236.000.
- Akita, Shuichi: *See—*
  - Ueda, Akio; Akita, Shuichi; and Namizuka, Toshio, 4,555,547, Cl. 525-237.000.
  - Ueda, Akio; Akita, Shuichi; and Chida, Takeshi, 4,555,548, Cl. 525-237.000.
- Akita, Teruo: *See—*
  - Miyake, Masao; and Akita, Teruo, 4,510,194, Cl. 428-212.000.
  - Miyake, Masao; and Akita, Teruo, 4,562,108, Cl. 428-212.000.
- Akita, Tokihiko: *See—*
  - Kawata, Shoji; Hyodo, Hitoshi; and Akita, Tokihiko, 4,540,060, Cl. 180-179.000.
- Akita, Toshiaki: *See—*
  - Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, 4,504,208, Cl. 425-589.000.
- Akita, Yoshio: *See—*
  - Kato, Hidetoshi; Maruyama, Toshinori; Matsuhashi, Hajime, and Akita, Yoshio, 4,555,657, Cl. 320-64.000.
- Akitoshi, Hiroshi: *See—*
  - Terajima, Yoshimi; Akitoshi, Hiroshi; and Nagatani, Nobuaki, 4,553,693, Cl. 229-7.00S.
- Akitsuki, Ikuo: *See—*
  - Itoh, Takuji; and Akitsuki, Ikuo, 4,497,909, Cl. 502-262.000.
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- Akiyama, Chuji: *See—*
  - Yamasaki, Hiro; Chin, Tung Jin; and Akiyama, Chuji, 4,524,627, Cl. 73-861.120.
- Akiyama, Hidenori: *See—*
  - Satoh, Saburoh; Gotoh, Tatumi; Horii, Kenji; and Akiyama, Hidenori, 4,507,266, Cl. 422-186.150.
- Akiyama, Hiroyuki: *See—*
  - Azuma, Tadashi; Akamatsu, Yoshihiro; Akiyama, Hiroyuki; and Yoshimura, Shohei, 4,496,627, Cl. 428-336.000.
- Akiyama, Jun-etsu: *See—*
  - Taya, Akira; Narita, Kazuo; Akiyama, Jun-etsu; Asada, Masao; and Nira, Hisami, 4,527,087, Cl. 313-487.000.
- Akiyama, Junichiro; Tanaka, Mitsuhiro; and Moriuchi, Yoshihisa, to Nippon Gakki Seizo Kabushiki Kaisha. Liquid fuel burner. 4,504,215, 3-12-85, Cl. 431-168.000.
- Akiyama, Kazuhiro, to Fuji Photo Optical Co., Ltd. Motor-driven film winding mechanism. 4,497,555, 2-5-85, Cl. 354-173.100.
- Akiyama, Kazunori: *See—*
  - Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.
- Akiyama, Kitio: *See—*
  - Shigenobu, Hiromichi; Nakabayashi, Takao; Akiyama, Kitio; Miida, Masao; and Karasawa, Hisashi, 4,506,596, Cl. 99-289.00T.
- Akiyama, Masahiro; and Akiyama, Yoshihiro, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method of growth of compound semiconductor. 4,561,916, 12-31-85, Cl. 148-175.000.
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  - Nakano, Yoshikatsu; Matsuura, Masaaki; and Akiyama, Minoru, 4,497,288, Cl. 123-52.00M.
- Akiyama, Mitsuo: *See—*
  - Abe, Shunichi; Akiyama, Mitsuo; and Kudo, Yoshihiko, 4,538,231, Cl. 364-483.000.
  - Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, 4,502,290, Cl. 62-229.000.
  - Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.
- Akiyama, Naoki: *See—*
  - Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.
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- Akiyama, Nobuyuki; and Koizumi, Mitsuyoshi, to Hitachi, Ltd. Apparatus for detecting contaminants on the reticle of exposure system. 4,541,715, 9-17-85, Cl. 356-237.000.
- Akiyama, Nobuyuki: *See—*
  - Hara, Yasuhiko; Akiyama, Nobuyuki; Fushimi, Satoru; Oshima, Yoshimasa; and Aoki, Nobuhiko, 4,508,453, Cl. 356-394.000.
  - Kenbo, Yukio; Akiyama, Nobuyuki; Koizumi, Mitsuyoshi; and Kuni, Asahiro, 4,504,045, Cl. 269-21.000.
- Akiyama, Osamu, to Shimadzu Corporation. Double-beam spectrophotometer. 4,540,281, 9-10-85, Cl. 356-325.000.
- Akiyama, Seikichi: *See—*
  - Ishii, Mitsuru; Akiyama, Seikichi; and Ishibashi, Hiroshi, 4,543,485, Cl. 250-487.100.
- Akiyama, Shigeo. Apparatus for supplying bags of pliable or easily flexible nature. 4,545,184, 10-8-85, Cl. 53-571.000.
- Akiyama, Shoichi; and Kondo, Mikio, to Matsushita Electric Works, Ltd. Infrared-type intrusion detector. 4,551,711, 11-5-85, Cl. 340-567.000.
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- Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, to Nippondenso Co., Ltd.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Engine control event timing employing both crank angle rotation and time measurements. 4,553,208, 11-12-85, Cl. 364-431.050.

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  - Ninomiya, Masakazu; Suda, Toshi; Omori, Norio; Akiyama, Susumu; and Fukaya, Hiroyasu, 4,510,910, Cl. 123-486.000.
  - Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, 4,499,544, Cl. 364-431.040.
- Akiyama, Synith: *See—*
  - Itou, Zyouzi; and Akiyama, Synith, 4,544,380, Cl. 55-80.000.
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- Akiyama, Tetsuo, to Universal Pioneer Corporation. Address data searching method for data recording medium reproducing device. 4,498,158, 2-5-85, Cl. 369-32.000.
- Akiyama, Tetsuo: *See—*
  - Hatakenaka, Toshiki; Akiyama, Tetsuo; Asada, Shinji; and Shinohara, Kunio, 4,561,800, Cl. 404-79.000.
- Akiyama, Toru, to Universal Pioneer Corporation. Pickup control device and method for fast or slow reproduction in a disk reading system. 4,494,154, 1-15-85, Cl. 358-342.000.
- Akiyama, Toru: *See—*
  - Kosaka, Minoru; and Akiyama, Toru, 4,512,002, Cl. 369-44.000.
- Akiyama, Toshio: *See—*
  - Seki, Yasutomo; Akiyama, Toshio; Nakabayashi, Norio; and Iizuka, Yutaka, 4,519,686, Cl. 354-200.000.
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  - Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.
  - Sato, Kazuhiro; Izumita, Morishi; Takahashi, Kenji; Akiyama, Toshiyuki; and Nishizawa, Shigeki, 4,498,106, Cl. 358-213.000.
- Akiyama, Yasuko: *See—*
  - Nara, Michiko; Yamazaki, Kazunori; and Akiyama, Yasuko, 4,536,405, Cl. 514-781.000.
- Akiyama, Yoshihiro: *See—*
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  - Akiyama, Sueshiro, 4,533,353, Cl. 604-321.000.
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- Akiyama, Yoshinori: *See—*
  - Nishimura, Shinichi; Akiyama, Yoshinori; and Kanazawa, Yuzo, 4,497,518, Cl. 297-341.000.
- Akkala, Walter I. Self sealing vacuumed package. 4,534,152, 8-13-85, Cl. 53-434.000.
- Akkerman, Neil H., to AVA International Corporation. Side pocket mandrel. 4,505,331, 3-19-85, Cl. 166-117.500.
- Akkerman, Neil H.; and Dewey, Daniel O., to AVA International Corporation. Valves and valve actuators. 4,519,575, 5-28-85, Cl. 251-58.000.
- Akkerman, Neil H., to AVA International Corporation. Well apparatus. 4,522,259, 6-11-85, Cl. 166-237.000.
- Akkerman, Neil H., to AVA International Corporation. Flow controlling apparatus. 4,540,047, 9-10-85, Cl. 166-188.000.
- Akkerman, Neil H., to Baker Oil Tools, Inc. Method and removable auxiliary apparatus for permanently locking open a well flow control device. 4,542,792, 9-24-85, Cl. 166-374.000.
- Akkerman, Neil H.: *See—*
  - Mills, Aubrey C.; and Akkerman, Neil H., 4,505,332, Cl. 166-120.000.
- Aklin, George H., deceased; and Aklin, Marie M., Voluntary Administrator. Curved field photographic objective. 4,494,829, 1-22-85, Cl. 350-464.000.
- Aklin, Marie M., Voluntary Administrator: *See—*
  - Aklin, George H., deceased; and Aklin, Marie M., Voluntary Administrator, 4,494,829, Cl. 350-464.000.
- Aklonis, Carol A.: *See—*
  - O'Sullivan, Joseph; Aklonis, Carol A.; and Singh, Pushpa, 4,537,858, Cl. 435-119.000.
- Akram, M. Faheem, to Motorola, Inc. Current source. 4,500,831, 2-19-85, Cl. 323-315.000.
- Akram, M. Faheem, to Motorola, Inc. Automatic gain control circuit. 4,503,398, 3-5-85, Cl. 330-285.000.
- Akram, M. Faheem, to Motorola, Inc. Ripple counter circuit having reduced propagation delay. 4,521,898, 6-4-85, Cl. 377-116.000.
- Akram, Tahir; Bartozzi, Daniel S.; and Dasiewicz, Paul P., to International Standard Electric Corporation. PCM Telecommunications system for voice and data. 4,530,093, 7-16-85, Cl. 370-85.000.
- Akred, Brian J.; Messenger, Edward T.; and Nicholson, William J., to Albright & Wilson Limited. Pourable non-sedimenting aqueous based detergent composition having an organic lamellar structural component. 4,515,704, 5-7-85, Cl. 252-135.000.
- Aksberg, Arvi J.: *See—*
  - Schmidt, Henning M.; Malmkvist, Hans G.; Aksberg, Arvi J.; and Johansson, Jan H., 4,542,264, Cl. 179-111.00E.
- Akse, James R.; and Long, Stanley A., to North American Philips Corporation. Copper metallization for dielectric materials. 4,511,601, 4-16-85, Cl. 427-79.000.
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  - Andreasson, Bengt A., 4,520,967, Cl. 242-55.000.
  - Andreasson, Bengt A., 4,544,109, Cl. 242-58.100.
- Aktiebolaget Bofors: *See—*
  - Bergfalk, Bjorn, 4,516,646, Cl. 177-211.000.
  - Wikstrom, Arne, 4,505,204, Cl. 102-523.000.
- A.B. Dick Company: *See—*
  - Ampulski, Joseph W.; Furukawa, James N.; Kesner, Donald R.; and Bernal, Ronald D., 4,495,617, Cl. 370-86.000.
- Aktiebolaget Draco: *See—*
  - Kjellin, Per G.; and Persson, Carl G. A., 4,546,182, Cl. 544-273.000.
  - Wetterlin, Kjell I. L., 4,524,769, Cl. 128-203.150.
  - Wetterlin, Kjell I. L., 4,534,345, Cl. 128-203.150.
- Aktiebolaget Electrolux: *See—*
  - Andersson, Karl F.; and Eriksson, Bolik A. G., 4,513,579, Cl. 62-176.200.
  - Andreasson, Bo C., 4,553,517, Cl. 123-417.000.
  - Berglund, Lars G.; Bjorklund, Sven-Erik B.; and Linde, Lars H., 4,536,043, Cl. 312-222.000.
  - Eknor, Per O. E., 4,516,696, Cl. 222-181.000.
  - Francke, Kurt O.; and Strand, Sten T., 4,506,559, Cl. 74-439.000.
  - Rohdin, Freddie L., 4,506,182, Cl. 310-193.000.
  - Soderstrom, Sigvard V., 4,511,117, Cl. 251-73.000.
- Aktiebolaget Hassle: *See—*
  - Appelgren, Curt H.; Bogentoft, Conny B.; and Ekenved, Gunnar H., 4,562,061, Cl. 424-32.000.
  - Brandstrom, Arne E.; and Lamm, Bo R., 4,544,750, Cl. 546-290.000.
  - Junggren, Ulf K.; and Sjostrand, Sven E., 4,508,905, Cl. 546-271.000.
- Aktiebolaget Iggesunds Bruk: *See—*
  - Sundberg, Ake; and Lindmark, Gunnar, 4,545,413, Cl. 144-176.000.
- Aktiebolaget IRO: *See—*
  - Jacobsson, Kurt A. G., 4,531,385, Cl. 66-132.00T.
  - Tholander, Lars H. G., 4,541,462, Cl. 139-452.000.
- Aktiebolaget Leo: *See—*
  - Eriksoo, Edgar; Sandberg, Eva B.; and Stalhandske, Lars J. T., 4,547,511, Cl. 514-312.000.
- Aktiebolaget SKF: *See—*
  - Fernlund, Ingemar, 4,558,961, Cl. 384-526.000.
  - Gustavsson, Jack G., 4,505,493, Cl. 280-617.000.
  - Lachonius, Leif, 4,535,963, Cl. 248-251.000.
  - Stackling, Hakan, 4,530,610, Cl. 384-560.000.
- Aktiebolaget Svenskt Mjolsocker: *See—*
  - Ostlund, Gunnar, 4,525,275, Cl. 210-323.200.
- Aktiebolaget Volvo Penta: *See—*
  - Ryberg, Bertil; and Mellgren, Kenth, 4,516,000, Cl. 200-44.000.
- Aktiengesellschaft Adolph Saurer: *See—*
  - Kuhnis, Ernst; Kobler, Armin; Schreiber, Max; and Wallimann, Hans, 4,535,709, Cl. 112-83.000.
  - Lucian, Anton; and Geiger, Kurt, 4,520,848, Cl. 139-1.00R.
  - Sancini, Aldo; and Stacher, Miguel A., 4,554,950, Cl. 139-25.000.
- Aktieselskabet Aalborg Portland-Cement-Fabrik: *See—*
  - Arup, Hans, 4,515,861, Cl. 428-450.000.
- Aktieselskabet de Danske Sukkerfabrikker: *See—*
  - Winstrom-Olsen, Bjarne, 4,534,800, Cl. 127-12.000.
- Aktieselskabet Jens Villadsens Fabriker: *See—*
  - Harder, Sven, 4,517,783, Cl. 52-481.000.
- Aktieselskabet JH. Holm Holding: *See—*
  - Bredal, Torben, 4,527,299, Cl. 10-152.00R.
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- Akutagawa Confectionery Co., Ltd.: *See—*
  - Akutagawa, Tokuji, 4,501,544, Cl. 425-218.000.
- Akutagawa, Hitoshi; Shigemasa, Masayoshi; and Hayashi, Hiroaki, to Mazda Motor Corporation. Four-wheel drive automobile. 4,541,503, 9-17-85, Cl. 180-249.000.
- Akutagawa, Susumu: *See—*
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- Akutagawa, Tokuji, to Akutagawa Confectionery Co., Ltd. Apparatus for continuously and automatically molding chocolate block having ornamental relief pattern. 4,501,544, 2-26-85, Cl. 425-218.000.
- Akutagawa, Tooru; and Machida, Yukihiko, to Sony Corporation. Signal translating circuit. 4,559,501, 12-17-85, Cl. 330-293.000.
- Akutsu, Eiichi: *See—*
  - Aruga, Tamotsu; Fujii, Tadashi; Murakami, Kakuji; and Akutsu, Eiichi, 4,554,555, Cl. 346-1.100.
- Akutsu, Hidezoh: *See—*
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- Akutsu, Kazushi: *See—*
  - Hasebe, Koshi; Miura, Kunio; Ono, Takashi; Akutsu, Kazushi; and Minami, Kazuaki, 4,513,377, Cl. 364-449.000.
  - Minami, Kazuaki; Totani, Shinzo; Miura, Kunio; Akutsu, Kazushi; and Ohyama, Shinji, 4,502,123, Cl. 364-424.000.
  - Miura, Kunio; Hasebe, Koshi; Ono, Takashi; Akutsu, Kazushi; Ohyama, Shinji; and Minami, Kazuaki, 4,504,913, Cl. 364-449.000.

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  - Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.
- Akutsu, Makoto. Picture recording method and apparatus. 4,510,511, 4-9-85, Cl. 346-140.00R.
- Akutsu, Masao: *See—*
  - Kinoshita, Harumi; Kushida, Hideo; Itakura, Takeshi; Akutsu, Masao; Takada, Takuzo; and Sugiura, Hiroaki, 4,496,517, Cl. 264-521.000.
  - Tsukada, Takami; Akutsu, Masao; and Saito, Tadao, 4,511,418, Cl. 156-245.000.
- Akutsu, Takao; and Sato, Kiyomi. Apparatus for air drying tobacco leaves. 4,546,780, 10-15-85, Cl. 131-304.000.
- Akutsu, Yoji: *See—*
  - Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
- Akuzawa, Yoshihide: *See—*
  - Hira, Yutaka; Ukai, Yoshitaka; Akuzawa, Yoshihide; Aoki, Osamu; and Shimatani, Saburo, 4,509,874, Cl. 400-691.000.
- Akyol, Atilla, to Rabewerk Heinrich Clausing. Method for applying wear-resistant coatings on working surfaces of tools and devices. 4,510,183, 4-9-85, Cl. 427-185.000.
- Akyurek, Altan: *See—*
  - Neidig, Arno; Akyurek, Altan; and Hettmann, Hubert, 4,502,750, Cl. 339-275.00R.
- Akzo N.V.: *See—*
  - Cooray, Boyd, 4,546,136, Cl. 524-180.000.
  - De Jong, Jan I., 4,519,897, Cl. 208-74.000.
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  - Diamantoglou, Michael; Brandner, Alexander; and Meyer, Gerhard, 4,543,409, Cl. 536-68.000.
  - Freese, Karl-Heinz; and Munch, Hans-Jurgen, 4,536,525, Cl. 523-414.000.
  - Geerdes, Dirk J. F.; and Zabel, Klaus H., 4,505,986, Cl. 428-481.000.
  - Gerlach, Klaus; Lange, Wolfgang; and Loh, Dieter, 4,549,969, Cl. 210-759.000.
  - Gispen, Willem H., 4,550,099, Cl. 514-14.000.
  - Greven, Hendrik M., 4,491,579, Cl. 424-177.000.
  - Gunter, Gerhard; and Haeufler, Hartmut, 4,555,412, Cl. 427-27.000.
  - Harteman, Evert, 4,532,154, Cl. 427-175.000.
  - Ijntema, Klaas, 4,556,695, Cl. 525-359.600.
  - Kik, Leendert A.; and Schuurink, Pieter H. J., 4,517,248, Cl. 428-457.000.
  - Klein, Wolfgang, 4,531,954, Cl. 55-159.000.
  - Klug, Lothar; and Schmuck, Klaus, 4,555,900, Cl. 57-355.000.
  - Lange, Wolfgang; and Boer, G. J., 4,525,340, Cl. 424-16.000.
  - Lutticken, Heinrich D.; and Cornelissen, Daniel R. W., 4,530,831, Cl. 424-89.000.
  - Panneman, Harm J., 4,499,105, Cl. 514-631.000.
  - Savage, David S.; and Redpath, James, 4,551,479, Cl. 514-657.000.
  - Schild, Franz; and Weidenhaupt, Wolfgang, 4,523,425, Cl. 57-212.000.
  - Stoldt, August; Stemig, Heinz; Breidohr, Hans-Gunther; and Martin, Manfred, 4,559,884, Cl. 112-262.100.
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  - Vrouenraets, Cornelius M. F.; and Sikkema, Doetze J., 4,493,870, Cl. 428-245.000.
  - Vrouenraets, Cornelius M. F., 4,514,472, Cl. 428-220.000.
  - Vrouenraets, Cornelius M. F., 4,550,025, Cl. 426-105.000.
  - Willemsen, Stephanus; Weening, Willem E.; and Steenbergen, Anne, 4,557,967, Cl. 428-224.000.
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  - Castro, Anthony J., 4,519,909, Cl. 210-500.200.
  - Harris, Robert D., Jr.; Parker, James P.; and King, Charles L., 4,552,603, Cl. 156-167.000.
  - Heinen, Peter; and Gossens, Peter, 4,521,945, Cl. 28-273.000.
  - Johnston, James J.; and Glynn, Gregory L., 4,533,790, Cl. 174-115.000.
  - Juenger, Rudolf, 4,515,641, Cl. 134-5.000.
  - Klostermeier, Werner; Lasher, Jeffery D.; Meyer, Gerhard; and Zengel, Hans, 4,522,880, Cl. 428-332.000.
  - Kramers, Aloysius A. J., 4,554,121, Cl. 264-103.000.
  - Lange, Wolfgang, 4,545,949, Cl. 264-170.000.
  - Metcalfe, Lincoln D.; and Frank, Dieter, 4,539,294, Cl. 435-180.000.
  - Reck, Richard A., 4,496,474, Cl. 252-311.500.
  - Schwarzkopff, Udo; and Fischer, Horst, 4,502,415, Cl. 119-28.000.
  - Seibert, Karl; Neumann, Klaus; Spiess, Ernst; and Bruil, Hendrik G., 4,521,326, Cl. 252-174.210.
  - van der Hauw, Tjerk; and Jaspers, Hans, 4,529,491, Cl. 204-159.230.
  - White, Kenneth B., 4,503,167, Cl. 521-105.000.
  - White, Kenneth B., 4,530,937, Cl. 521-105.000.
  - White, Kenneth B., 4,530,938, Cl. 521-105.000.
  - White, Kenneth B.; and Largent, William J., 4,542,163, Cl. 521-105.000.
  - White, Kenneth B.; Richmond, James M.; and Stanley, Keith D., 4,544,506, Cl. 260-462.00R.
  - Zengel, Hans-Georg; Bergfeld, Manfred; and Eisenhuth, Ludwig, 4,558,135, Cl. 548-158.000.
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  - Schaetzle, Walter J.; Brett, C. Everett; and Al-Ansari, Jasem M., 4,507,925, Cl. 60-641.400.
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  - Horn, Edward R., 4,532,706, Cl. 29-809.000.
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  - Shelton, William E. A., 4,551,927, Cl. 34-82.000.
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  - Whitney, William G., 4,557,381, Cl. 206-440.000.
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  - Zelkowitz, Phillip, 4,540,966, Cl. 335-297.000.
- Albany International Corp.: *See—*
  - Bikson, Benjamin; Coplan, Myron J.; and Gotz, Gertrud, 4,508,852, Cl. 521-27.000.
  - Bolton, Joseph A.; and Salls, David J., 4,551,202, Cl. 162-198.000.
  - Crook, Robert L., 4,555,440, Cl. 428-223.000.
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  - Nicholson, Charles B., 4,497,709, Cl. 210-489.000.
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  - Bocker, Albert, 4,491,196, Cl. 187-10.000.
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  - Reid, Lola C. M.; and Rojkind, Marcos, 4,501,815, Cl. 435-284.000.
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  - Schaub, Dietmar; and Heups, Gert, 4,491,688, Cl. 178-18.000.
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- Alberta Gas Chemicals, Incorporated: *See—*
  - Winston Adolph A., 4,497,835, Cl. 426-72.000.
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  - Stiles, Alvin B., 4,562,174, Cl. 502-174.000.
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  - Hyne, James B.; and Clark, Peter D., 4,506,733, Cl. 166-303.000.
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- Albertsen, Peter S.; and Miller, Thomas, to Nu-Tec Incorporated. Catalytic unit for burners. 4,549,524, 10-29-85, Cl. 126-289.000.
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- Alberty, Michael: *See—*
  - Ehrlinger, Wolfgang; Hirsch, Gerhard; and Alberty, Michael, 4,550,296, Cl. 333-26.000.
- Alberty, Randall W.: *See—*
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  - Molinazzi, Roberto, 4,516,367, Cl. 52-182.000.
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- Albrecht, Charles W.: *See—*
  - Hicks, Irwin A.; and Albrecht, Charles W., 4,520,676, Cl. 73-281.000.
- Albrecht, Eckart: *See—*
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- Albrecht, Hans: *See—*
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- Albrecht, Raymond E.; and Lindner, Robert G., to H. H. Robertson Company. Adjustable pedestal for elevated floors. 4,558,544, 12-17-85, Cl. 52-126.600.
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  - Goodman, Edward; Dux, James P.; and Albright, Fred R., 4,501,682, Cl. 252-174.150.
- Albright, Jay D.: *See—*
  - Allen, George R., Jr.; Hanifin, John W., Jr.; Moran, Daniel B.; and Albright, Jay D., 4,515,791, Cl. 514-248.000.
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- Albright, John E.: *See—*
  - Wronski, Steve; Albright, John E.; and Carlson, Jeffrey J., 4,502,823, Cl. 409-134.000.
- Albright, John P.; Martin, Robert K.; and Dyson, John A., to University of Iowa Research Foundation. Suturing device and method for using same. 4,493,323, 1-15-85, Cl. 128-340.000.
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  - Mather, Joseph M.; and Albright, Larry E., 4,535,868, Cl. 180-297.000.
- Albright, Roger N.: *See—*
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  - Akred, Brian J.; Messenger, Edward T.; and Nicholson, William J., 4,515,704, Cl. 252-135.000.
  - Cole, Robert; and Stephenson, James E., 4,494,951, Cl. 8-195.000.
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  - Elder, Danny S., 4,528,155, Cl. 264-174.000.
  - Gailey, J. Lynn, 4,494,346, Cl. 52-489.000.
  - Hauser, Henry W., Jr., 4,525,131, Cl. 425-114.000.
  - Malachowski, Frank, 4,542,614, Cl. 52-586.000.
  - Patel, Krishnakant B., 4,540,437, Cl. 75-251.000.
  - Spalding, Peter S., 4,533,802, Cl. 200-81.90R.
- Alcan International Limited: *See—*
  - Bennett, Walter; Ablewhite, John H.; and Bryant, Anthony J., 4,495,001, Cl. 148-11.50A.
  - Dube, Ghyslain, 4,507,150, Cl. 75-63.000.
  - Enright, Philip G.; Hughes, Ian R.; and Jordan, Richard M., 4,522,784, Cl. 420-590.000.
  - Field, David J., 4,526,630, Cl. 148-159.000.
  - Field, David J.; Butler, Ernest P.; and Bassett, Katherine-Ann, 4,534,807, Cl. 148-20.300.
  - Gesing, Adam J.; and Dewing, Ernest W., 4,495,047, Cl. 204-245.000.
  - Gesing, Adam J.; and Stratford, Graham, 4,500,643, Cl. 501-96.000.
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  - Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., 4,505,796, Cl. 204-243.00R.
  - Leone, Gino L., 4,546,229, Cl. 219-118.000.
  - Short, Edward P.; and Bernardo, Gerald, 4,522,696, Cl. 204-297.00W.
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  - Suzuki, Masamichi; Sugihara, Atsushi; Sano, Tadaaki; and Suzuki, Toshihiro, 4,499,123, Cl. 427-282.000.
  - Tracy, John A., 4,534,092, Cl. 29-21.100.
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  - Carville, James G., 4,503,758, Cl. 99-329.0RT.
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  - Schilling, William, 4,497,421, Cl. 222-144.500.
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  - Newell, S. David; Matko, William F.; Onoratti, James L.; and Parrott, Lawrence H., 4,549,337, Cl. 29-527.400.
  - Schmidt, Donald J., 4,493,201, Cl. 72-349.000.
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- Alcock, Robert N., to U.S. Philips Corporation. R.F. Phase shift control system. 4,533,873, 8-6-85, Cl. 328-155.000.
- Alcon Laboratories, Inc.: *See—*
  - Damani, Nalinkant C.; Bhagat, Haresh G.; and McElhaney, Ramon L., 4,514,385, Cl. 424-81.000.
  - Garabedian, Michael E.; and Roehrs, Robert E., 4,550,022, Cl. 424-127.000.
  - Han, Wesley W.; and Roehrs, Robert E., 4,559,343, Cl. 514-264.000.
  - Schafer, Doris; and Schafer, Rolf, 4,546,123, Cl. 523-106.000.
  - Stark, Raymond L., 4,525,346, Cl. 424-80.000.
  - Su, Kai C.; Stebbins, Leslie F.; and Bhatia, Rajkumar P., 4,493,783, Cl. 252-174.230.
  - Williams, Rodger W.; and Atwood, Charles W., 4,553,957, Cl. 604-43.000.
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  - Feurer, Bernard, 4,495,117, Cl. 264-1.400.
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- Aldag, Arthur W., Jr.; and Gardner, Lloyd E., to Phillips Petroleum Company. Catalytic hydrodesulfurization or hydrodenitrogenation. 4,522,709, 6-11-85, Cl. 208-216.00R.
- Aldag, John, to Bantam Systems, Inc. Grain storage structures. 4,502,369, 3-5-85, Cl. 98-56.000.
- Aldebert, Pierre, to Quartz et Silice. Large bandwidth optical fibers. 4,560,247, 12-24-85, Cl. 350-96.300.
- Alden, Jerome S., to Xerox Corporation. Particle dispensing system. 4,558,659, 12-17-85, Cl. 118-653.000.
- Alden, John W., Jr.: *See—*
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- Alden, Lawrence S. Internal combustion engine valve cover. 4,538,560, 9-3-85, Cl. 123-90.380.
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- Alder, James S.: *See—*
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- Alder, Robert L., to Smith International, Inc. Automatic drilling process and apparatus. 4,491,186, 1-1-85, Cl. 175-26.000.
- Alder, Robert L., to Smith International, Inc. In-hole motor tachometer. 4,545,241, 10-8-85, Cl. 73-151.000.
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- Aldinger, Fritz; Bischoff, Albrecht; Keilberth, Richard; and Sperner, Franz, to Heraeus Quarzschmelze GmbH. Electrode connecting cable for cardiac pacemaker. 4,514,589, 4-30-85, Cl. 174-119.00R.
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- Aldorf, Henry E., to Union Oil Company of California. Rare earth halide grease compositions. 4,507,214, 3-26-85, Cl. 252-18.000.
- Aldred, Alan C. G., to British Petroleum Company p.l.c., The. Blends of hardened extract with copolymers of olefin/alkyl acrylate. 4,511,689, 4-16-85, Cl. 524-484.000.
- Aldrich, Allyn M., to Sundstrand Corporation. Multi-motor actuation system for a power drive unit. 4,533,097, 8-6-85, Cl. 244-78.000.
- Aldrich, Allyn M., to Sundstrand Corporation. Position and control system for helicopter blade actuation. 4,534,524, 8-13-85, Cl. 244-17.250.
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- Aldrich, Roger, to Chief Industries, Inc. Rocker clip assembly. 4,506,449, 3-26-85, Cl. 33-288.000.
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- Aldridge, Peter J.; and Harris, Stephen J., to Allied Corporation. Method and apparatus for locating a discontinuity in a data transmission ring. 4,498,082, 2-5-85, Cl. 340-825.160.
- Aldridge, R. Warren, Jr., to Spencer Wright Industries, Inc. Disc brake lathe. 4,523,499, 6-18-85, Cl. 82-4.00A.
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- Aldwinckle, Michael J., to Ciba-Geigy Corporation. Use of N-acyl sarcosinate and its salts as compatibility agents for pesticide/liquid fertilizer formulations. 4,552,580, 11-12-85, Cl. 71-3.000.
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- Aleem, Mohd A.; and Krinickas, Alexander, Jr., to Sundstrand Corporation. Generator armature cooling and air gap sealing system. 4,517,479, 5-14-85, Cl. 310-54.000.
- Alefeld, Georg. Multi-stage apparatus having working-fluid and absorption cycles, and method of operation thereof. 4,531,374, 7-30-85, Cl. 62-79.000.
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- Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A. Starting device for self-contained breathing apparatus. 4,526,758, 7-2-85, Cl. 422-122.000.
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- Alexander, Adam; and Piaget, Gary. Geometric device. 4,506,891, 3-26-85, Cl. 273-153.00S.
- Alexander, Billy R., to United States of America, Navy. Jet engine compressor stage puller. 4,492,014, 1-8-85, Cl. 29-259.000.
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- Andersson, Kenneth L., 4,511,591, Cl. 426-603.000.
- Andersson, Kjell, 4,503,970, Cl. 198-781.000.
- Aule, Olaf; and Noren, Tommy, 4,542,034, Cl. 426-522.000.
- Baeling, Peter; and Ehnstrom, Lars, 4,552,775, Cl. 426-624.000.
- Jakobson, Sten; and Rabold, Karl, 4,508,058, Cl. 119-14.020.
- Kirschenmann, Bernd R. G., 4,515,823, Cl. 426-491.000.
- Munde, Jan, 4,534,570, Cl. 277-95.000.
- Thorsson, Conny R.; and Viira, Indrek J., 4,522,920, Cl. 435-161.000.
- Vernet, Borje, 4,532,144, Cl. 426-643.000.
- Wikholm, Bert S., 4,500,322, Cl. 48-191.000.

- Alfa-Laval Cheese Systems Limited: *See—*
  - Brockwell, Ian P.; and Hancock, Herbert W., 4,539,902, Cl. 99-454.000.
  - Finnighan, Francis M., 4,526,271, Cl. 198-648.000.
- Alfa-Laval, Inc.: *See—*
  - Bazell, Graydon C., 4,501,671, Cl. 210-781.000.
  - Lee, Chie-Ying; West, James D.; and Cole, Gerald F., 4,505,697, Cl. 494-35.000.
  - Ruggiero, Frank J., 4,562,085, Cl. 426-577.000.
  - Schultz, Per-Erik; Chowdhury, Mofazzal H.; and Neff, Clayton B., 4,516,592, Cl. 134-169.00C.
- Alfa-Laval Marine and Powering Engineering AB: *See—*
  - Nilsson, Vilgot, deceased, 4,525,155, Cl. 494-3.000.
- Alfa-Laval Separation A/S: *See—*
  - Forsberg, Bjorn, 4,504,262, Cl. 494-53.000.
  - Ludvigsen, Erik, 4,519,496, Cl. 198-676.000.
- Alfa-Laval Separation AB: *See—*
  - Beier, Oskar H. G.; Kerf, Joseph B. J.; and Ekegren, Sven G., 4,558,574, Cl. 68-18.00R.
  - Eklof, Ulf, 4,510,052, Cl. 210-139.000.
  - Hellekant, Otto E., 4,547,185, Cl. 494-37.000.
  - Karlsson, Per G., 4,536,285, Cl. 210-96.100.
  - Munde, Jan C.; and Laigar, Karl, 4,556,331, Cl. 384-453.000.
- Alfa Romeo Auto S.p.A.: *See—*
  - Banfi, Ambrogio, 4,535,731, Cl. 123-90.150.
  - Bernardoni, Luigi; and Invernizzi, Umberto, 4,509,466, Cl. 123-52.0MF.
  - Bernardoni, Luigi; and D'Angelo, Domenico, 4,519,363, Cl. 123-432.000.
  - Garcea, Giampaolo, 4,539,815, Cl. 60-599.000.
  - Garcea, Giampaolo; and Surace, Filippo, 4,539,944, Cl. 123-41.060.
  - Radaelli, Dario, 4,492,201, Cl. 123-470.000.
- Alfa Romeo S.p.A.: *See—*
  - Ciccarone, Angelo, 4,529,356, Cl. 415-210.000.
  - Surace, Filippo; and Garcea, Giampaolo, 4,494,761, Cl. 277-67.000.
- Alfano, David L.: *See—*
  - Hardy, James A.; and Alfano, David L., 4,519,373, Cl. 123-559.000.
- Alfano, Michael: *See—*
  - Gardella, John M.; Ciepierski, Casimir; Alfano, Michael; and Chang, Tiang-Shing, 4,544,356, Cl. 433-122.000.
- Alfenaar, Marinus: *See—*
  - van den Brink, Franciscus; and Alfenaar, Marinus, 4,552,636, Cl. 204-182.400.
- Alfermann, Larry D.: *See—*
  - Tipton, Larry J.; and Alfermann, Larry D., 4,527.490, Cl. 108-111.000.
- Alferness, Rodney C., to AT&T Bell Laboratories. Wavelength tunable TE to TM mode converter. 4,533,207, 8-6-85, Cl. 350-96.140.
- Alferness, Rodney C.; Korotky, Steven K.; and Marcatili, Enrique A. J., to AT&T Bell Laboratories. Traveling wave electrooptic devices. 4,553,810, 11-19-85, Cl. 350-96.140.
- Alfieri, Carlo: *See—*
  - Bergamaschi, Mario; and Alfieri, Carlo, 4,499,107, Cl. 514-575.000.
- Alfieri, Charles. Hairpiece with simulated natural hairline front. 4,509,539, 4-9-85, Cl. 132-53.000.
- Alfille, Jules. Accessory holder module for optical equipment. 4,502,760, 3-5-85, Cl. 350-318.000.
- Alfing Kessler Sondermaschinen GmbH: *See—*
  - Fischer, Peter; and Schubert, Paul, 4,535,527, Cl. 29-568.000.
  - Gucklhorn, Karl; and Carl, Wolfgang, 4,532,693, Cl. 29-568.000.
- Alfonsi, Marguerite. Composition of matter for improving hair growth. 4,520,012, 5-28-85, Cl. 424-95.000.
- Alfonso Bialetti & Co., Fonderia in Conchiglia S.p.A.: *See—*
  - De Ponti, Luigi, 4,516,484, Cl. 99-279.000.
  - De Ponti, Luigi, 4,557,187, Cl. 99-279.000.
- Alford, James L.; and Terry, Robert E., to Gamma-f Corporation. Antenna feed system with closely coupled amplifier. 4,554,552, 11-19-85, Cl. 343-786.000.
- Alford, John A.; Force, Carlton G.; and Gowan, John W., Jr., to Westvaco Corporation. Emulsion polymerization emulsifier. 4,544,726, 10-1-85, Cl. 526-309.000.
- Alford, Neil M., to Imperial Chemical Industries PLC. Production of fibre-reinforced cementitious composition. 4,528,238, 7-9-85, Cl. 428-246.000.
- Alford, William L. Regular polyhedron-based logical puzzles. 4,558,866, 12-17-85, Cl. 273-153.00S.
- Alfred D. Lobo Co., L.P.A.: *See—*
  - MacKeighen, Harold R.; and Cortesi, Vincent T., 4,532,260, Cl. 521-84.100.
- Alfred Honsel Nieten- und Metallwarenfabrik GmbH & Co.: *See—*
  - Schwab, Manfred F., 4,559,806, Cl. 72-391.000.
- Alfred University Research Foundation, Inc.: *See—*
  - Funk, James E., 4,494,959, Cl. 44-51.000.
  - Funk, James E., 4,501,205, Cl. 110-347.000.
  - Funk, James E., 4,526,584, Cl. 44-51.000.
- Algate Instrument Corp.: *See—*
  - Allen, Frank L., 4,549,360, Cl. 33-293.000.
- Alger, Jeffrey L.: *See—*
  - Kobayashi, Robert J.; Nancarrow, James H.; and Alger, Jeffrey L., 4,517,802, Cl. 60-606.000.
- Alger, Terry W.: *See—*
  - Benett, William J.; and Alger, Terry W., 4,538,277, Cl. 372-33.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., to Bristol-Myers Company. Substituted 3-cyclobutene-1,2-diones, pharmaceutical compositions thereof and methods of use. 4,503,051, 3-5-85, Cl. 514-183.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., to Bristol-Myers Company. Chemical compounds. 4,522,943, 6-11-85, Cl. 514-183.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., to Bristol-Myers Company. Chemical compounds. 4,526,973, 7-2-85, Cl. 546-235.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., to Bristol-Myers Company. Pyridine derivatives of 1,2-diaminocyclobutene-3,4-diones. 4,539,316, 9-3-85, Cl. 514-212.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., to Bristol-Myers Company. Substituted 1,2-diaminocyclobutene-3,4-diones. 4,546,188, 10-8-85, Cl. 546-194.000.
- Algieri, Aldo A.: *See—*
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,510,309, Cl. 546-194.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,517,366, Cl. 546-231.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,528,375, Cl. 546-193.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,528,377, Cl. 546-209.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,528,378, Cl. 546-209.000.
- Algorex, Inc.: *See—*
  - Kitch, Paul E.; Crochetiere, Raymond H.; Gudmundson, Gunnar G.; and Hadank, Walter R., 4,519,688, Cl. 354-297.000.
- Ali-Khan, Imran; Dietz, Karl-Jurgen; Waelbroeck, Francois; and Wienhold, Peter, to Kernforschungsanlage Julich GmbH. Device utilized for separation of hydrogen isotopes from a gas mixture for separation of isotopes contained in a hydrogen isotope mixture. 4,494,965, 1-22-85, Cl. 55-16.000.
- Ali Khan, Mir I.; and Schmidt, Richard J., to Kimberly-Clark Corporation. Method for forming soft, bulky absorbent webs and resulting product. 4,548,856, 10-22-85, Cl. 428-171.000.
- Ali, Mohammad H., to United States Gypsum Company. Fire resistant gypsum board containing mineral wool fibers and method. 4,557,973, 12-10-85, Cl. 428-404.000.
- Ali, Muhammad A. Method of and apparatus for measuring in situ, the subsurface bearing strength, the skin friction, and other subsurface characteristics of the soil. 4,554,819, 11-26-85, Cl. 73-9.000.
- Aliani, Giorgio; Lechat, Jacques B.; and Smits, Jozef A. F., to Exxon Research & Engineering Co. Ethylene copolymers for hot melt systems. 4,497,941, 2-5-85, Cl. 526-331.000.
- Aliberto, Anthony C.; and Silberberg, Joseph, to General Electric Company. Blend of impact modifier, vinyl chloride polymer, and glassy amorphous polymer. 4,517,339, 5-14-85, Cl. 525-85.000.
- Aliberto, Ellen S.; Corbett, Constance R.; and McIntyre, Randall S., to Stauffer Chemical Company. Method of preparing freeze-thaw and refrigerator stable pancake batter and product thereof. 4,504,510, 3-12-85, Cl. 426-553.000.
- Alieri, Rodiero, to SACMI Cooperativa Meccanici Imola Soc. Coop. a Resp. Lim. Apparatus for forming plastic material gaskets in stoppers comprising a cup, such as screw-on and crown caps. 4,518,336, 5-21-85, Cl. 425-110.000.
- Aliev, Gabil G.: *See—*
  - Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.
- Alig, Franz; Hemmerling, Horst; and Neulinger, Franz, to Metallgesellschaft Aktiengesellschaft. Method of automatically controlling a dust-collecting plant. 4,521,226, 6-4-85, Cl. 55-21.000.
- Alig, Franz: *See—*
  - Daar, Horst; and Alig, Franz, 4,521,223, Cl. 55-13.000.
  - Daar, Horst; and Alig, Franz, 4,521,228, Cl. 55-105.000.
- Alig, Roger T., to RCA Corporation. Cathode-ray tube having electron gun with three focus lenses. 4,528,476, 7-9-85, Cl. 313-412.000.
- Alikhan, Raza. Combined surgical instrument polisher and wiper. 4,543,751, 10-1-85, Cl. 51-181.00R.
- Alimbau Marques, Salvador, to Andral Corporation. Convertible fold-up ladder. 4,493,392, 1-15-85, Cl. 182-27.000.
- Alimbau Marques, Salvador; and Grasselli, Giorgio, to Andral Corporation. Detachable workbench top. 4,519,476, 5-28-85, Cl. 182-28.000.
- Alinco Incorporated: *See—*
  - Inoue, Shunsaku, 4,549,632, Cl. 182-23.000.
- Alink, Aloysius J. W. O.; and van Marle, Berend P., to Thomassen International B.V. Device for the separation of particles from a stream of gas. 4,512,759, 4-23-85, Cl. 494-14.000.
- Alink, Aloysius J. W. O., to Thomassen International B.V. Process for the preparation of a combustible gaseous mixture. 4,529,409, 7-16-85, Cl. 48-211.000.
- Alio, Peter. Laundry heat recovery system. 4,509,345, 4-9-85, Cl. 68-20.000.
- Alipchenko, Elena S.: *See—*
  - Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.
- Alisobhani, Jalal: *See—*
  - Lucchi, George A.; and Alisobhani, Jalal, 4,533,915, Cl. 343-5.00W.
- Alisyncro S.p.A.: *See—*
  - Bruno, Carlo L., 4,514,963, Cl. 53-493.000.
- Alkem GmbH: *See—*
  - Ledebrink, Friedrich-Wilhelm; Rosenkranz, Wolfgang; and Stoll, Wolfgang, 4,528,130, Cl. 252-643.000.
  - Stoll, Wolfgang; and Ennerst, Karl, 4,514,364, Cl. 423-4.000.

- Alker, David; Cross, Peter E.; and Campbell, Simon F., to Pfizer Inc. Dihydropyridine anti-ischaemic and anti-hypertensive agents, compositions and use. 4,548,935, 10-22-85, Cl. 514-230.000.
- Alkhazov, Tofik G. O.; Korotaev, Jury P.; and Vartanov, Albert A. Process for purifying gases from hydrogen sulphide. 4,519,992, 5-28-85, Cl. 423-230.000.
- Alkire, John D.: *See—*
  - Jones, Loyd W.; and Alkire, John D., 4,541,946, Cl. 252-189.000.
- Alksninis, Audra T.: *See—*
  - Ellis, Richard G.; and Alksninis, Audra T., 4,561,646, Cl. 271-236.000.
- All Seasons Surfacing Corporation: *See—*
  - Lindmark, Gustaf, 4,548,962, Cl. 523-220.000.
- Allahverdian, Edward. Cake cutter with an adjustable blade. 4,553,325, 11-19-85, Cl. 30-114.000.
- Allain, Jean L.: *See—*
  - Segarra, Gerard; and Allain, Jean L., 4,495,493, Cl. 340-825.500.
- Allais, Andre; Clemence, Francois; Deraedt, Roger; and Lemartret, Odile, to Roussel Uclaf. Benzoxazine-4-one intermediates. 4,518,775, 5-21-85, Cl. 544-92.000.
- Allam, Farouk M. Drilling bit. 4,527,644, 7-9-85, Cl. 175-333.000.
- Allam, Rodney J.; and Prentice, Alan L., to Air Products and Chemicals, Inc. Method and apparatus for generating power and low pressure saturated or near saturated steam. 4,535,594, 8-20-85, Cl. 60-654.000.
- Allan, David E., to Exxon Research & Engineering Co. Delayed coking process with split fresh feed. 4,492,625, 1-8-85, Cl. 208-131.000.
- Allan, David E., to Exxon Research & Engineering Co. Delayed coking process with split fresh feed and top feeding. 4,501,654, 2-26-85, Cl. 208-92.000.
- Allan, David E.; Molstedt, Byron V.; and Mohan, Raam R., to Exxon Research & Engineering Co. Method for the recovery of a tungsten-containing catalyst from coke containing nickel and vanadium. 4,501,820, 2-26-85, Cl. 502-27.000.
- Allan, David E., to Exxon Research & Engineering Co. Low severity delayed coking. 4,519,898, 5-28-85, Cl. 208-131.000.
- Allan, David E.; and Martinez, Charles H., to Exxon Research & Engineering Co. Feed injection method to prevent coking on the walls of transfer line reactors. 4,534,851, 8-13-85, Cl. 208-48.00R.
- Allan, David T. Scabbler bits. 4,502,734, 3-5-85, Cl. 299-88.000.
- Allan, David T. Control valve assembly. 4,526,190, 7-2-85, Cl. 137-119.000.
- Allan, David T. Tool assembly. 4,534,421, 8-13-85, Cl. 173-130.000.
- Allan, G. Graham, to Melamine Chemicals, Inc. Process for oxygen bleaching paper pulp using melamine as a viscosity stabilizer. 4,526,651, 7-2-85, Cl. 162-65.000.
- Allan, G. Graham, to Washington Research Foundation. Vision correction lens made from an aminopolysaccharide compound or an ether or ester thereof. 4,532,267, 7-30-85, Cl. 523-106.000.
- Allan, G. Graham; Freepons, Donald E.; and Crews, George M., to Melamine Chemicals, Inc. Fertilizer compositions, processes of making them and processes of using them. 4,560,400, 12-24-85, Cl. 71-29.000.
- Allan, George G. Plastic lid fitting device. 4,528,797, 7-16-85, Cl. 53-312.000.
- Allan, George G.; and Neogi, Amar N., to Washington Research Foundation. Controlled release compositions. 4,554,155, 11-19-85, Cl. 424-22.000.
- Allan, John L. H.: *See—*
  - Agapiou, Agapios; Allan, John L. H.; and Jacobson, Felix I., 4,555,496, Cl. 502-105.000.
- Allan, Thomas T.: *See—*
  - Bowers, Cecil W.; Thompson, Ivey G.; and Allan, Thomas T., 4,494,403, Cl. 73-40.700.
- Allard, Edward F. Sound suppression of engine noise. 4,516,657, 5-14-85, Cl. 181-204.000.
- Allard, Emmanuel M., to Gould Inc. Electrostatic printer of video pictures with grey tones. 4,521,790, 6-4-85, Cl. 346-154.000.
- Allard, Ira L., to TRW Inc. Process for fabricating lightweight, rigid solar array substrate. 4,554,038, 11-19-85, Cl. 156-196.000.
- Allard, Jean-Claude; Briard, Rene; and Saunier, Christian, to Giravions Dorand. Fire simulation device for training in the operation of shoulder weapons and the like. 4,534,735, 8-13-85, Cl. 434-20.000.
- Allard, Joseph, to Eurotungstene. System for mounting tooth-carrier sectors on a cutter wheel or a milling-cutter drum. 4,512,612, 4-23-85, Cl. 299-91.000.
- Allard, Jules N., to Bush Universal, Inc. Techniques for stiffening shoe insoles. 4,520,522, 6-4-85, Cl. 12-40.500.
- Allardice, John M., to Releasomers, Inc. Method and composition for air bladder release during tire production. 4,547,544, 10-15-85, Cl. 524-267.000.
- Allardice, John M., to Releasomers, Inc. Method for air bladder release during tire production. 4,554,122, 11-19-85, Cl. 264-130.000.
- Allardice, William D. Jr.: *See—*
  - Suzuki, Arata; and Allardice, William D., Jr., 4,506,155, Cl. 250-252.100.
- Allazzetta, Felice; and Prola, Luigi, to Jaeger, Morris. Rope chain machine. 4,503,664, 3-12-85, Cl. 59-16.000.
- Allbert, Helen M.: *See—*
  - Allbert, James C.; and Allbert, Helen M., 4,493,862, Cl. 428-10.000.
- Allbert, James C.; and Allbert, Helen M. Ornamental assembly and method. 4,493,862, 1-15-85, Cl. 428-10.000.
- Allbright, Charles T.; and Culp, Dennis S., to Avery International Corporation. Humidity-resistant wet-stick adhesives. 4,492,724, 1-8-85, Cl. 428-40.000.
- Allcock, Harry R.; Austin, Paul E.; and Neenan, Thomas X., to Research Corporation. Anesthetic polyorganophosphazenes. 4,495,174, 1-22-85, Cl. 424-78.000.
- Allcroft, Arthur N.: *See—*
  - Jensen, Ronald P.; and Allcroft, Arthur N., 4,552,146, Cl. 128-305.000.
- Allden, Per O., to Alvema Rehab AB. Collapsible stroller. 4,506,906, 3-26-85, Cl. 280-642.000.
- Allec, Josiane: *See—*
  - Grollier, Jean F.; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,504,494, Cl. 514-544.000.
  - Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,495,203, Cl. 514-732.000.
  - Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,513,011, Cl. 514-730.000.
- Allee, Frank O.: *See—*
  - Oppenhuisen, Fred H.; and Allee, Frank O., 4,519,192, Cl. 56-298.000.
- Allegany Technology, Inc.: *See—*
  - Stern, Mark; Airesman, Charles; and Pandit, Vijay, 4,543,837, Cl. 73-862.630.
- Allegheny Ludlum Steel Corporation: *See—*
  - Ames, S. Leslie; Gray, Thomas H.; and Kish, Lewis L., 4,501,316, Cl. 164-463.000.
  - Andersen, Poul, 4,516,736, Cl. 242-56.200.
  - Beigay, Jack M., 4,492,849, Cl. 219-137.0WM.
  - Benford, James G., 4,533,409, Cl. 148-111.000.
  - Bloom, William M.; Deringer, John F.; and Hall, Robert J., 4,529,176, Cl. 266-242.000.
  - Borneman, Paul R.; and Hill, James B., 4,533,391, Cl. 75-128.00A.
  - Deverell, Harry E.; and Beigay, Jack M., 4,525,620, Cl. 219-137.0WM.
  - Hunt, Joseph M., 4,503,089, Cl. 427-86.000.
  - Hunt, Joseph M., 4,524,996, Cl. 285-55.000.
  - McCunn, Thomas H.; Ziemianski, John P.; and Franson, Ivan A., 4,545,826, Cl. 148-12.00E.
  - Miller, Robert F., 4,548,655, Cl. 148-111.000.
  - Robinson, Philip R., 4,518,101, Cl. 222-1.000.
  - Tommaney, Joseph W.; and Bishop, Harry L., Jr., 4,514,220, Cl. 75-60.000.
  - Tommaney, Joseph W.; Shidemantle, David R.; and Bishop, Harry L., Jr., 4,529,442, Cl. 75-59.120.
  - Tommaney, Joseph W., 4,529,443, Cl. 75-59.120.
- Allegheny Valve Company: *See—*
  - DeFrees, Joseph H., deceased, 4,508,131, Cl. 137-43.000.
- Allegretti & Co.: *See—*
  - Mattson, Charles A.; and Landy, Richard J., 4,490,910, Cl. 30-276.000.
- Allemand, Didier: *See—*
  - Degoix, Bernard; Boussemaer, Daniel; and Allemand, Didier, 4,537,468, Cl. 350-96.210.
- Allemand, Louis-Rene ; Calvet, Jean; Cavan, Jean-Claude; and Thevenin, Jean-Claude, to Commissariat a l'Energie Atomique. Optical fibers with plastic core and polymer cladding. 4,552,431, 11-12-85, Cl. 350-96.340.
- Allemand, Robert; and Laval, Michel, to Commissariat a l'Energie Atomique. Material for scintillators. 4,510,394, 4-9-85, Cl. 250-483.100.
- Allemane, Claude. Folding guard rail for a platform. 4,520,898, 6-4-85, Cl. 182-113.000.
- Allemann, Kurt; Deneke, Klaus; Hass, Hansjurgen; and Vogel, Gunter, to Dynamit Nobel Aktiengesellschaft. Liquid accelerator for the setting of concrete mixtures. 4,504,315, 3-12-85, Cl. 106-89.000.
- Allemann, Martin; and Kellerhals, Hanspeter, to Spectrospin AG. Method of calibrating ion cyclotron resonance spectrometers. 4,500,782, 2-19-85, Cl. 250-291.000.
- Allemano, Emilio. Combined instrument system for divers. 4,491,015, 1-1-85, Cl. 73-300.000.
- Allemano, Emilio. Depthometer for underwater diving. 4,494,407, 1-22-85, Cl. 73-300.000.
- Allemano, Emilio. Manometric instrument for underwater diving. 4,520,668, 6-4-85, Cl. 73-300.000.
- Allen, Adrian S.; and Flesher, Peter, to Allied Colloids Limited. Polymer dispersions and their preparation. 4,528,321, 7-9-85, Cl. 524-761.000.
- Allen, Adrian S., to Allied Colloids Limited. Production of polymeric thickeners and their use in printing. 4,554,018, 11-19-85, Cl. 106-20.000.
- Allen, Adrian S.: *See—*
  - Flesher, Peter; and Allen, Adrian S., 4,506,062, Cl. 526-211.000.
- Allen-Bradley Company: *See—*
  - Berkopec, William E.; and Burns, James A., 4,549,122, Cl. 318-338.000.
  - Boysen, Gerd C.; Murray, Patrick S.; and Robinson, Marquis B., 4,513,181, Cl. 200-50.00C.
  - Burns, James A.; and Nolan, Dennis C., 4,553,187, Cl. 361-96.000.
  - Callan, John E., 4,504,927, Cl. 364-900.000.
  - Callan, John E., 4,507,571, Cl. 307-278.000.
  - Cannon, Lee E.; Schmitt, Peter C.; and Cheever, Dan R., 4,553,080, Cl. 318-696.000.
  - Dummermuth, Ernst, 4,510,565, Cl. 364-136.000.
  - Frey, Sydney W., Jr.; and Herson, Mark I., 4,535,386, Cl. 361-389.000.
  - Galdun, Daniel J.; Grudowski, Raymond A.; and Flood, Mark A., 4,521,871, Cl. 364-900.000.

  - Galdun, Daniel J.; Struger, Odo J.; Grants, Valdis; and Brown, Ronald A., 4,527,250, Cl. 364-900.000.
  - Nolan, Dennis C., 4,546,424, Cl. 363-87.000.
  - Ray, Glen, 4,491,819, Cl. 336-110.000.
  - Reichert, Gilbert A.; and Schuette, Donald K., 4,496,791, Cl. 174-51.000.
  - Struger, Odo J.; and Sammons, Barry E., 4,553,224, Cl. 364-900.000.
  - Sweeton, David C., 4,527,270, Cl. 371-11.000.
- Allen, Bruce S.: *See—*
  - Kryskow, J. Michael, Jr.; Bobzin, Jeffery J.; and Allen, Bruce S., 4,491,946, Cl. 370-89.000.
- Allen, C. Wayne: *See—*
  - Halcomb, F. Joseph, III; and Allen, C. Wayne, 4,517,969, Cl. 128-92.00E.
- Allen, Charles B. Eyeglass frame with pocket clip. 4,496,224, 1-29-85, Cl. 351-155.000.
- Allen, Charles S.; Berg, Arthur A.; Schmitt, Eugene W.; Stoltenberg, Michael R.; and Lissau, Frederic, to Sloan Valve Company. Combination gladhand and shutoff valve. 4,544,132, 10-1-85, Cl. 251-318.000.
- Allen, Christopher M.; and Hinckliefff, Ian R., to USM Corporation. Fluorocarbon polymer compositions. 4,548,989, 10-22-85, Cl. 525-101.000.
- Allen, Crowley C., Jr., to Research Triangle Institute. Fluid distributor. 4,537,217, 8-27-85, Cl. 137-561.00A.
- Allen, Daniel E.: *See—*
  - Allen, Ross R.; and Allen, Daniel E., 4,550,326, Cl. 346-140.00R.
- Allen, Danny H.; and Sumner, John H., to Burlington Industries, Inc. Filling fringe waste reduction. 4,498,504, 2-12-85, Cl. 139-302.000.
- Allen Datagraph Incorporated: *See—*
  - Allen, Richard M.; Arnold, Jeffrey M.; Field, Joseph J.; and Spraker, Terry E., 4,536,770, Cl. 346-29.000.
- Allen, David A.; and Diekman, Robert L., to Huffy Corporation. Adjustable seat for a tricycle. 4,546,991, 10-15-85, Cl. 280-282.000.
- Allen, David L. Spherical maze game apparatus. 4,550,912, 11-5-85, Cl. 273-113.000.
- Allen, David W.: *See—*
  - Griffiths, Anthony J.; and Allen, David W., 4,505,811, Cl. 209-17.000.
- Allen, Dillis V. Automated conveyor system. 4,499,991, 2-19-85, Cl. 198-472.000.
- Allen, Dillis V. Speed loader. 4,507,889, 4-2-85, Cl. 42-89.000.
- Allen, Dillis V. Rocker engine. 4,535,730, 8-20-85, Cl. 123-78.00F.
- Allen, Douglas, Jr.; and Flam, Eric, to C. R. Bard, Inc. Breathable ostomy gasket composition. 4,497,914, 2-5-85, Cl. 523-105.000.
- Allen, Douglas, Jr.; and Flam, Eric, to C. R. Bard, Inc. Ostomy bag with integral breathable gasket. 4,561,858, 12-31-85, Cl. 604-336.000.
- Allen, Edgar W.: *See—*
  - Farag, Samir F.; Allen, Edgar W.; and Little, Thomas R., 4,513,180, Cl. 200-50.00R.
- Allen, Edwin M.; Foust, Eugene C.; Sievert, Steven A.; Fitzgerald, William C.; and Moffitt, Max L., to United States of America, Navy. Asperic surface test fixture. 4,523,842, 6-18-85, Cl. 356-124.000.
- Allen Engineering Corporation: *See—*
  - Allen, J. Dewayne, 4,540,312, Cl. 404-110.000.
  - Allen, J. Dewayne, 4,544,346, Cl. 425-456.000.
- Allen, Ernest R. Adjustable door jamb anchor. 4,539,784, 9-10-85, Cl. 52-217.000.
- Allen, Francis F., to Bermuda Research Corp. Portable hand-held material broadcasting device. 4,492,341, 1-8-85, Cl. 239-686.000.
- Allen, Frank L., to Algate Instrument Corp. Device for alignment of process equipment and method of use thereof. 4,549,360, 10-29-85, Cl. 33-293.000.
- Allen, Frank W., to Project Packaging, Inc. Apparatus for temporarily supporting a cable. 4,498,651, 2-12-85, Cl. 248-65.000.
- Allen, Frederick C., to Owens-Illinois, Inc. Plural bottle carrier. 4,544,194, 10-1-85, Cl. 294-87.200.
- Allen, Frederick G.; Streit, Dwight C.; and Metzger, Robert A., to University of California, The Regents of the. Method for producing hyperabrupt doping profiles in semiconductors. 4,559,091, 12-17-85, Cl. 148-174.000.
- Allen, Gary D., to Stone Manufacturing & Supply Co. Animal hair shear and cutting device. 4,532,707, 8-6-85, Cl. 30-200.000.
- Allen, George C., to El Paso Products Company. Removal of sulfur compounds from pentane. 4,540,842, 9-10-85, Cl. 585-823.000.
- Allen, George R., Jr.; Hanifin, John W., Jr.; Moran, Daniel B.; and Albright, Jay D., to American Cyanamid Company. Substituted phenyl-1,2,4-triazolo[2,3-b]pyridazin-3(2H)ones as anti-asthma agents. 4,515,791, 5-7-85, Cl. 514-248.000.
- Allen, Gordon H., to Motorola, Inc. Switch circuit having improved switching characteristics. 4,511,809, 4-16-85, Cl. 307-254.000.
- Allen, Henry C., to United States of America, Army. Thixotropic flame inhibitors for rocket propellant grains. 4,529,536, 7-16-85, Cl. 252-182.000.
- Allen, Henry C.: *See—*
  - Ducote, Marjorie E.; and Allen, Henry C., 4,493,741, Cl. 149-19.400.
- Allen, Henry E.: *See—*
  - Banko, William, 4,507,976, Cl. 73-861.540.
- Allen, Henry V.: *See—*
  - Petersen, Kurt E.; Allen, Henry V.; and Knutti, James W., 4,543,457, Cl. 200-83.00N.
- Allen Industries, Inc.: *See—*
  - Lohr, Thomas E., 4,492,408, Cl. 297-344.000.
- Allen, J. Dewayne, to Allen Engineering Corporation. Material spreader system with column bypass. 4,540,312, 9-10-85, Cl. 404-110.000.
- Allen, J. Dewayne, to Allen Engineering Corporation. Concrete screed with curb forming apparatus. 4,544,346, 10-1-85, Cl. 425-456.000.
- Allen, James E. Infant cradle assembly. 4,550,456, 11-5-85, Cl. 5-98.00B.
- Allen, James H., to 'totes' incorporated. Hang-up garment bag. 4,542,824, 9-24-85, Cl. 206-287.100.
- Allen, James L.: *See—*
  - Barmatz, Martin B.; Allen, James L.; and Granett, Dan, 4,520,656, Cl. 73-505.000.
- Allen, Jerry R., to Pester Refining Company. Asphalt rejuvenating composition and process. 4,549,834, 10-29-85, Cl. 404-75.000.
- Allen, John; and Pearce, David, to Marconi Avionics Limited. Inductive connectors. 4,538,863, 9-3-85, Cl. 339-12.00R.
- Allen, John: *See—*
  - Tripp, Jeff; Allen, John; and Murphy, F. Merrick, 4,498,365, Cl. 84-1.240.
- Allen, John H.: *See—*
  - Johnson, Gerald L.; Nolting, Eugene C.; and Allen, John H., 4,492,161, Cl. 101-109.000.
- Allen, John J.; and Meitl, Harold G., to J. I. Case Company. Moveable filler assembly. 4,530,537, 7-23-85, Cl. 296-1.00C.
- Allen, Joseph L.: *See—*
  - Rotramel, George L.; Veilleux, Daniel P.; and Allen, Joseph L., 4,511,579, Cl. 514-490.000.
- Allen, Joseph S., to Stace-Allen Chuck, Inc. Double-cam power chuck. 4,497,499, 2-5-85, Cl. 279-119.000.
- Allen, Karl D.; and Brace, Alan L., to General Motors Corporation. Pressure activated seal ring. 4,497,494, 2-5-85, Cl. 277-27.000.
- Allen, Kenneth D.; Brogdon, James W.; Barton, John S.; and Hicks, Raymond J., to Teledyne Industries, Inc. Torque measuring device. 4,542,658, 9-24-85, Cl. 73-862.310.
- Allen, Landon K., to Advanced Micro Devices, Inc. Selective removal of coating material on a coated substrate. 4,518,678, 5-21-85, Cl. 430-311.000.
- Allea, Larry: *See—*
  - Howell, Samuel G.; and Birchall, William R., 4,497,782, Cl. 423-184.000.
- Allen, Leslie J., to Raychem Corporation. Paddlecard terminator. 4,496,094, 1-29-85, Cl. 228-56.000.
- Allen, Linus S.; and Mills, William R., to Mobil Oil Corporation. Epithermal neutron lifetime logging. 4,556,793, 12-3-85, Cl. 250-267 000.
- Allen Manufacturing Company: *See—*
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- Allen, Mark L. Strike plate and hinge for a high security door system. 4,547,009, 10-15-85, Cl. 292-346.000.
- Allen, Michael: *See—*
  - Yang, Tsen-Shau; and Allen, Michael, 4,533,842, Cl. 307-475.000.
- Allen, Michael D.; and Van Voorhis, John E., to Sprague Electric Company. Solid electrolyte capacitor anode assembly. 4,517,626, 5-14-85, Cl. 361-433.000.
- Allen, Michael E.: *See—*
  - Hartman, Susan E.; Allen, Michael E.; and Pascoe, William E., 4,506,094, Cl. 560-118.000.
- Allen, Norris K. Centralized airlock compartment unit. 4,557,320, 12-10-85, Cl. 165-46.000.
- Allen Organ Company: *See—*
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  - Viitanen, Jouko O.; and Whitefield, John T., 4,502,361, Cl. 84-1.260.
- Allen, Paul E., to Logic Devices, Inc. Liquid circulation apparatus and method. 4,507,056, 3-26-85, Cl. 417-54.000.
- Allen, Peter J.: *See—*
  - Kuepper, Daniel H.; and Allen, Peter J., 4,543,142, Cl. 156-209.000.
- Allen, Peter N.; and Blake, William, to Coherent, Inc. Power supply for a laser. 4,502,145, 2-26-85, Cl. 372-38.000.
- Allen, Peter N.; and Blake, William, to Coherent, Inc. Active pressure regulator for a gas laser. 4,547,885, 10-15-85, Cl. 372-58.000.
- Allen, Ralph; Moore, David A.; and Quinton, Edward F., to Leslie Hartridge Limited. Phase-angle checking apparatus. 4,497,201, 2-5-85, Cl. 73-119.00A.
- Allen, Ralph E.; and Gibson, Christian D., to Raymond Corporation, The. Material handling apparatus. 4,496,031, 1-29-85, Cl. 187-9.00R.
- Allen, Ray L.; and Harrison, N. Cole. Electrostatically enhanced game. 4,553,748, 11-19-85, Cl. 273-1.00E.
- Allen, Richard A. Folding carrier. 4,518,108, 5-21-85, Cl. 224-314.000.
- Allen, Richard B., to General Electric Company. Method for altering the surface of thermoplastic polymers. 4,536,542, 8-20-85, Cl. 525-67.000.
- Allen, Richard B.; and Avakian, Roger W., to General Electric Company. Foamable polycarbonate compositions, articles and methods. 4,544,677, 10-1-85, Cl. 521-91.000.
- Allen, Richard C.: *See—*
  - Kosley, Raymond W., Jr.; and Allen, Richard C., 4,518,713, Cl. 514-326.000.
  - Strupczewski, Joseph T.; Gardner, Beth A.; and Allen, Richard C., 4,528,376, Cl. 546-198.000.
- Allen, Richard M.; Arnold, Jeffrey M.; Field, Joseph J.; and Spraker, Terry E., to Allen Datagraph Incorporated; and Datascope Corporation. Reverse side marking plotter/printer pad. 4,536,770, 8-20-85, Cl. 346-29.000.

- Allen, Richard S.: *See—*
  - Frazier, Terry L.; Grimm, Henry J.; Rooney, John F.; Allen, Richard S.; Brown, Alfred; and Mims, Donald S., 4,501,325, Cl. 166-250.000.
  - Mims, Donald S.; and Allen, Richard S., 4,508,172, Cl. 166-303.000.
- Allen, Robert. Container with indicating closure. 4,528,933, 7-16-85, Cl. 116-308.000.
- Allen, Robert C., to Shell Oil Company. Fire retardant, fast reacting epoxy resin. 4,554,341, 11-19-85, Cl. 528-89.000.
- Allen, Robert E.; and Thomasson, James T., to Newport Corporation. Methods and apparatus for translating electric motor rotation into linear travel. 4,496,865, 1-29-85, Cl. 310-80.000.
- Allen, Robert J.: *See—*
  - Lindstrom, Robert; and Allen, Robert J., 4,524,094, Cl. 428-36.000.
- Allen, Robert L., to Champion International Corporation. Light refractive coated paperboard. 4,521,492, 6-4-85, Cl. 428-464.000.
- Allen, Robert T.: *See—*
  - Karamon, Robert J.; and Allen, Robert T., 4,557,895, Cl. 420-587.000.
- Allen, Ross R., to Hewlett-Packard Company. Self cleaning ink jet drop generator having crosstalk reduction features. 4,542,389, 9-17-85, Cl. 346-140.00R.
- Allen, Ross R.; and Allen, Daniel E., to Hewlett-Packard Company. Fluidic tuning of impulse jet devices using passive orifices. 4,550,326, 10-29-85, Cl. 346-140.00R.
- Allen, Roy A., to Shell Oil Company. Process for preparing higher molecular weight epoxy resins. 4,528,356, 7-9-85, Cl. 528-89.000.
- Allen, Sebree J. Drag reducing device for barges. 4,513,679, 4-30-85, Cl. 114-67.00A.
- Allen, Terry F.: *See—*
  - Kluss, Karl K.; Allen, Terry F.; and Sawyer, John M., 4,522,235, Cl. 138-130.000.
- Allen, Terry S.; Smith, Dennis W.; and Jacobson, Peter E., to Sperry Corporation. Controlled capillary ball bearing cage. 4,541,739, 9-17-85, Cl. 384-470.000.
- Allen, Wade H.; Cory, Theodore M.; and Thornton, Raymond A., to International Business Machines Corporation. Printer selection of options. 4,556,959, 12-3-85, Cl. 364-900.000.
- Allen, Webster F. Trash storing apparatus. 4,536,033, 8-20-85, Cl. 298-2.000.
- Allen, William: *See—*
  - Bergman, Clark; Vergason, Gary E.; Allen, William; and Reed, Michael F., 4,556,471, Cl. 204-298.000.
- Allen, William W.: *See—*
  - Bosshart, John; and Allen, William W., 4,554,752, Cl. 38-61.000.
- Allenbaugh, Howard M., to M.A.G. Engineering & Manufacturing Co., Inc. Adjustable strike. 4,492,397, 1-8-85, Cl. 292-341.180.
- Allenberg, Sam: *See—*
  - Stitt, Edward M., 4,547,001, Cl. 283-81.000.
- Allensworth, Dwight L.; and Chen, Peter J., to United States of America, Energy. Apparatus and method for generating mechanical waves. 4,524,295, 6-18-85, Cl. 310-328.000.
- Allentyne Limited: *See—*
  - Uldall, Peter R., 4,493,696, Cl. 604-43.000.
- Allergan Pharmaceuticals, Inc.: *See—*
  - Wheeler, Larry A., 4,524,063, Cl. 424-78.000.
- Alles, Hans-Ulrich: *See—*
  - Skipka, Guido; Alles, Hans-Ulrich; Randau, Gert; and Niese, Manfred, 4,496,764, Cl. 564-418.000.
- Alles, Harold G.; and Kubik, Peter S., to AT&T Bell Laboratories. Deformable touch sensitive surface. 4,542,375, 9-17-85, Cl. 340-712.000.
- Allesch, Roland: *See—*
  - Ley, Antony; Allesch, Roland; and Bazin, Alain, 4,494,068, Cl. 324-126.000.
- Allewitz, Murry, to Koomey, Inc. Guided float accumulator. 4,518,005, 5-21-85, Cl. 137-207.000.
- Alley, Gary D.: *See—*
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- Alley, James R.: *See—*
  - McGill, James C.; Alley, James R.; and Coombs, David W., 4,528,000, Cl. 55-2.00G.
- Alley, Philip J.; and Ireland, Thomas R., to Hallmark Findings, Inc. Hollow earring post. 4,510,772, 4-16-85, Cl. 63-12.000.
- Alley, Robert P.; Harnden, John D., Jr.; and Kornrumpf, William P., to General Electric Company. Magnetoelastic force/pressure sensor. 4,561,314, 12-31-85, Cl. 73-862.690.
- Alley, Robert P.: *See—*
  - Kornrumpf, William P.; and Alley, Robert P., 4,541,288, Cl. 73-862.690.
- Allfather, Lars P., to Doble Engineering Company. Current tap selecting switch. 4,510,354, 4-9-85, Cl. 200-11.00R.
- Allfather, Lars P., to Doble Engineering Company. Power converting. 4,541,040, 9-10-85, Cl. 363-37.000.
- Allflex International Limited: *See—*
  - Scott, Michael J.; Slater, Paul; and Brooshooft, Lawrence H., 4,516,577, Cl. 128-330.000.
- Allgeyer, David F., to UMC Industries, Inc. Closure such as a glass door for a refrigerator or freezer. 4,496,201, 1-29-85, Cl. 312-296.000.
- Allgood, Robert N.; Peterson, Joe W.; and Whatley, Roger A., to Motorola, Inc. MOS Analog switch driven by complementary, minimally skewed clock signals. 4,508,983, 4-2-85, Cl. 307-577.000.
- Allhands, Marcus N.: *See—*
  - Silverthorn, Charles R.; and Allhands, Marcus N., 4,534,461, Cl. 198-592.000.
- Allia, Frank S. Sailboarding equipment vehicle. 4,561,667, 12-31-85, Cl. 280-47.13B.
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- Alliance Machine Company, The: *See—*
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- Alliance Manufacturing Company, Inc., The: *See—*
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- Allied Colloids Limited: *See—*
  - Allen, Adrian S.; and Flesher, Peter, 4,528,321, Cl. 524-761.000.
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  - Clarke, John B., 4,559,074, Cl. 71-24.000.
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  - Farrar, David; and Hawe, Malcolm, 4,507,422, Cl. 524-425.000.
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  - Farrar, David, 4,543,422, Cl. 560-217.000.
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  - Farrar, David; and Hawe, Malcolm, 4,554,307, Cl. 524-425.000.
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  - Flesher, Peter; and Allen, Adrian S., 4,506,062, Cl. 526-211.000.
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- Allied Corporation: *See—*
  - Abbott, James G.; Berley, Jerry W.; Ward, Allen E., Jr.; and Brandi, Adolph J., Sr., 4,501,710, Cl. 264-40.100.
  - Aberle, Leonard J.; Kim, Dong W.; Lees, Robert; Vermeer, Dick C.; Wohnig, Ernest W.; and Yates, Samuel L., 4,519,116, Cl. 28-257.000.
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  - Aldridge, Peter J.; and Harris, Stephen J., 4,498,082, Cl. 340-825.160.
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  - Anderson, Philip M., III; Bretts, Gerald R.; and Kearney, James E., 4,510,489, Cl. 340-572.000.
  - Anderson, Philip M., III; Kearney, James E.; and Bretts, Gerald R., 4,510,490, Cl. 340-572.000.
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  - Anello, Louis G.; Van Der Puy, Michael; Hendrickson, Larry L.; Rogic, Milorad M.; Swerdloff, Michael D.; and Kolc, Jaroslav F., 4,517,002, Cl. 71-28.000.
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  - Armor, John N., 4,504,681, Cl. 564-267.000.
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  - Aron, Mitchell, 4,515,442, Cl. 350-397.000.
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  - Bedell, John R.; Smith, Robert W.; and Liebermann, Howard H., 4,559,992, Cl. 164-463.000.
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  - Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., 4,497,429, Cl. 228-263.180.
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  - Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., 4,508,257, Cl. 228-263.130.
  - Bose, Debasis; Datta, Amitava; DeChristofaro, Nicholas J.; and Henschel, Claude, 4,515,868, Cl. 428-656.000.
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  - Bose, Debasis; Datta, Amitava; DeCristofaro, Nicholas J.; and Henschel, Claude, 4,515,870, Cl. 428-656.000.
  - Bose, Debasis; and Freilich, Alfred, 4,543,135, Cl. 148-403.000.
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Chung, Daniel C.; and Chandrasekaran, Swayambu, 4,539,354, Cl. 524-128.000.
Cohen, Richard L., 4,553,818, Cl. 350-276.00R.
Colan, Peter V.; Miller, Kenneth L.; and Tyler, Henry P., 4,539,891, Cl. 91-49.000.
Colby, Lewis J., Jr., 4,535,047, Cl. 430-108.000.
Collins, Gordon T., 4,500,154, Cl. 339-89.00M.
Cooke, Robert S., 4,492,788, Cl. 525-410.000.
Cordova, Colleen W.; Mago, Brij M.; Turner, Garland L.; and Braswell, William D., 4,548,866, Cl. 428-398.000.
Costello, Samuel J.; and Sohne, Eric R., 4,509,255, Cl. 29-753.000.
Crumb, Donald A.; and Zander, Richard A., 4,503,677, Cl. 60-562.000.
Czaban, John D.; Cormier, Alan D.; and Legg, Kenneth D., 4,531,088, Cl. 324-71.100.
Davies, Jeffrey N., 4,493,520, Cl. 339-91.00P.
Degironimo, Bruno; Silverman, Neil D.; Oliver, William R.; and Rideout, Eugene C., 4,502,488, Cl. 128-692.000.
Delannoy, Philippe G.; Miller, Granville G.; Eckhardt, Helmut; and Baughman, Ray H., 4,502,981, Cl. 252-512.000.
De Metz, Frederick C.; and Rackliffe, John R., 4,538,250, Cl. 367-154.000.
Dickson, James; Nienart, Louis F.; and Roth, David W., 4,503,085, Cl. 427-34.000.
Dickson, James; and Hays, Charles, 4,513,020, Cl. 427-34.000.
Dieringer, Bruce G., 4,513,214, Cl. 310-71.000.
Dyce, John W.; Waters, Edwin R.; and Sherwood, Cy E., 4,517,740, Cl. 29-857.000.
Elsenbaumer, Ronald L.; Miller, Granville G.; and Toth, James E., 4,526,708, Cl. 252-518.000.
Essert, Robert D., 4,526,438, Cl. 350-96.200.
Evans, Rowland M., 4,507,915, Cl. 60-39.281.
Fairbairn, Leroy W.; and Waldron, Clifford R., 4,507,858, Cl. 29-747.000.
Fanelli, Anthony J.; and Price, Alson K., 4,550,093, Cl. 502-107.000.
Fannin, Richard C., 4,549,888, Cl. 55-163.000.
Fenzel, David T., 4,541,516, Cl. 192-85.0CA.
Ficken, William; Sears, Jerome; and Parfomak, Walter, 4,492,902, Cl. 318-254.000.
Flederbach, Mark; and Gallusser, David O., 4,506,942, Cl. 339-89.00M.
Frissora, Anthony P.; and Kojak, Alexander T., 4,502,528, Cl. 164-463.000.
Frommer, Jane E.; Elsenbaumer, Ronald L.; and Davidson, Douglass S., 4,511,494, Cl. 252-518.000.
Fulmer, Keith H., 4,519,295, Cl. 91-376.00R.
Gaiser, Robert F., 4,514,983, Cl. 60-562.000.
Gaiser, Robert F., 4,520,911, Cl. 192-13.00A.
Gaiser, Robert F.; and Lohraff, Larry G., 4,527,395, Cl. 60-562.000.
Gaiser, Robert F.; and Myers, Lawrence R., 4,553,651, Cl. 192-13.00A.
Gallusser, David O., 4,518,213, Cl. 339-48.000.
Gallusser, David O.; and Frear, David L., 4,527,851, Cl. 339-94.00M.
Gallusser, David O.; and Frear, David L., 4,548,458, Cl. 339-89.00R.
Goebel, Gunther R.; and Hall, Richard G., 4,502,670, Cl. 266-220.000.
Gualtieri, Devlin M.; and Tumelty, Paul F., 4,520,460, Cl. 365-33.000.
Gumkowski, Bert A.; and Oltmanns, Roger W., Jr., 4,560,037, Cl. 188-73.380.
Gupta, Arunava; and Yardley, James T., 4,554,291, Cl. 518-700.000.
Gupta, Arunava; West, Gary A.; and Yardley, James T., 4,558,017, Cl. 501-96.000.
Hanson, John D.; and Cook, John E., 4,499,916, Cl. 137-103.000.
Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,501,856, Cl. 525-240.000.
Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,543,286, Cl. 428-288.000.
Harvey, Bruce J.; Laurent, Harold J.; and Pauwels, Michael A., 4,530,332, Cl. 123-481.000.
Harwath, Frank A., 4,504,815, Cl. 337-201.000.
Hasegawa, Ryusuke, 4,532,979, Cl. 164-463.000.
Haylock, John C.; and Vanderkooi, Nicholas, Jr., 4,551,507, Cl. 525-437.000.
Heidmann, Kurt R.; and Marsh, Andrew, 4,503,947, Cl. 188-72.800.
Heidmann, Kurt R.; and Vorwerk, Donald A., 4,503,948, Cl. 188-72.800.
Hensley, Thomas E.; and Weaver, Richard D., 4,494,701, Cl. 239-585.000.
Herten, Joris F. A.; and Devroede, Emile M., 4,540,736, Cl. 524-556.000.
Hesse, David L., 4,509,813, Cl. 339-91.00R.
Hirose, Takao, 4,544,227, Cl. 339-143.00R
Hochberg, Arie; Haylock, John C.; and Mason, Charles D., 4,525,513, Cl. 524-288.000.
Hopkins, Ronald J.; Thomas, Evan G.; and Kieta, Harold J., 4,517,106, Cl. 252-79.400.
Horak, Dan, 4,547,858, Cl. 364-513.000.
Hsieh, Samuel C., 4,507,713, Cl. 361-92.000.
Iadarola, Ralph E.; Strassle, Warren F.; and Russo, Gene W., 4,543,715, Cl. 29-852.000.
Iadarola, Ralph E., 4,556,759, Cl. 174-68.500.
Ivory, Dawn M.; Miller, Granville G.; Chance, Ronald R.; and Baughman, Ray H., 4,517,116, Cl. 252-500.000.
Jenczewski, Theodore J.; and Skinner, William H., Jr., 4,552,635, Cl. 204-182.400.
Jobbins, Jill M., 4,528,245, Cl. 428-457.000.
Johnson, Duane R., 4,515,258, Cl. 192-91.00A.
Johnson, Edwin A.; and Leung, Chun K., 4,520,449, Cl. 364-559.000.
Johnson, Edwin A., 4,535,406, Cl. 364-431.080.
Juris, Mitchell A.; and Gallagher, David A., 4,498,719, Cl. 339-60.00R.
Justice, Bruce H.; and Aycock, Robert F., 4,514,440, Cl. 427-85.000.
Kaniuk, John A.; Meinking, William E.; and Morris, Jeffrey R., 4,508,835, Cl. 501-94.000.
Kapoor, Deepak; Wan, Chung-Chu; and Wang, Rong Y., 4,533,389, Cl. 75-123.00B.
Kavesh, Sheldon; Sellers, Gregory J.; and Witte, Wayne H., 4,495,487, Cl. 340-572.000.
Kavesh Sheldon; and Prevorsek, Dusan C., 4,536,536, Cl. 524-462.000.
Kavesh, Sheldon; and Prevorsek, Dusan C., 4,551,296, Cl. 264-177.00F.
Kennedy, David K., 4,538,921, Cl. 366-178.000.
Knapp, Anthony W.; and Werth, Dee A., 4,521,064, Cl. 339-45.00M.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,003, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,005, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,528,020, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; Hendrickson, Larry L.; and Van Der Puy, Michael, 4,530,714, Cl. 71-28.000.
Kotliar, Abraham M.; Sibilia, John P.; Hughes, Ronald H.; and Landy, Richard A., 4,558,019, Cl. 501-101.000.
Kuehling, Guenter F., 4,554,818, Cl. 72-410.000.
Kurtz, Bruce E., 4,513,154, Cl. 570-145.000.
Kushnick, Julian H., 4,529,457, Cl. 148-403.000.
Kushnick, Julian H.; Sawhney, Dulari L.; and Hathaway, Robert E., 4,529,458, Cl. 148-403.000.
Kyriakos, Constantinos S.; Maurer, Dean S.; and Millio, Louis J., 4,503,401, Cl. 331-4.000.
LaBerge, Edward F. C.; and Calzetta, Robert K., 4,532,517, Cl. 343-372.000.
Lapke, James A.; and Schmelzle, Carl W., 4,559,421, Cl. 200-51.100.

Leach, Earl A., Jr., 4,511,840, Cl. 324-160.000.

Lewis, James M.; Owens, Robert A.; Sweeney, Richard F.; Wake, Ronald W.; and Rinehart, Robert E., 4,526,856, Cl. 430-191.000.

Li, Hsin L.; and Oswald, Hendrikus J., 4,544,594, Cl. 428-92.000.

Li, Hsin L.; and Oswald, Hendrikus J., 4,562,022, Cl. 264-54.000.

Liburdi, Francesco, 4,541,174, Cl. 29-883.000.

Liebermann, Howard H.; and Tahlmore, Claude D., 4,522,331, Cl. 228-263.180.

Liebermann, Howard H.; and Riesenfeld, James, 4,546,815, Cl. 164-463.000.

Lofquist, Robert A.; Twilley, Ian C.; and Saunders, Peter R., 4,558,097, Cl. 525-183.000.

Long, David J.; and Oxenrider, Bryce C., 4,524,215, Cl. 560-052.000.

Luly, Matthew H.; Lockyer, George D., Jr.; Eibeck, Richard E.; and Gaynor, Joseph, 4,524,119, Cl. 430-108.000.

Mackiewicz, John E.; and Martinic, Jack, 4,539,892, Cl. 91-391.00R.

Maggi, Joseph A.; and Wilensky, Barry F., 4,554,636, Cl. 364-481.000.

Mani, Krishnamurthy N.; and Chlanda, Frederick P., 4,504,373, Cl. 204-180.00P.

Marach, David R., 4,527,849, Cl. 339-59.00M.

Margolin, Mark; Grois, Igor; Herdeg, Peter K.; and Nijman, John P., 4,515,434, Cl. 350-96.210.

Mas, Joseph, 4,524,342, Cl. 336-182.000.

Masilamani, Divakaran; and Manahan, Edward H., 4,510,321, Cl. 562-421.000.

Mathew, Chempolil T.; and Ulmer, Harry E., 4,507,248, Cl. 260-500.50H.

Mathew, Chempolil T.; and Ulmer, Harry E., 4,551,323, Cl. 423-387.000.

Mathew, Chempolil T.; and Ulmer, Harry E., 4,551,324, Cl. 423-387.000.

Mattson, Richard W., 4,528,544, Cl. 338-78.000.

May, Joseph R.; Petruccelli, Frank; Lang, Robert L.; and de Haan, Herman P., 4,517,231, Cl. 428-35.000.

McCombs, Howard L., Jr., 4,517,796, Cl. 60-39.281.

Meeder, Edward A., Jr., 4,551,765, Cl. 358-248.000.

Miller, Ronald P.; Chiles, William H.; and Masteller, Bill L., 4,506,348, Cl. 365-73.000.

Miners, Kamal E. B., 4,505,146, Cl. 73-19.000.

Mullins, Phillip L.; Neal, James G.; and Perkins, Jeffrey T., 4,544,579, Cl. 427-175.000.

Murthy, Andiappan K. S.; Patel, Kundanbhai M.; and Bekker, Alex Y., 4,543,177, Cl. 208-130.000.

Nalewajek, David; Soriano, David S.; and Borowski, Ralph J., 4,548,763, Cl. 260-989.000.

Nalewajek, David; Eibeck, Richard E.; and Sukornick, Bernard, 4,548,881, Cl. 429-194.000.

Narayan, Surendra D.; and Thomas, Rudy V., 4,551,889, Cl. 24-196.000.

Nash, Donald R., 4,509,493, Cl. 123-602.000.

Nelson, Larry A.; and Schmidt, Leon W., 4,550,084, Cl. 436-45.000.

Nijman, John P., 4,510,005, Cl. 156-221.000.

Nishimura, Takahiro, 4,526,304, Cl. 222-607.000.

Nixon, Richard G., 4,554,871, Cl. 102-489.000.

Novotny, Joseph, 4,556,536, Cl. 422-7.000.

Ohtsuki, Tomonari; and Hirose, Takao, 4,557,545, Cl. 339-103.00M.

Orlarey, Maurice M., 4,527,439, Cl. 74-5.430.

Oswald, Hendrikus J.; Butler, Russell H.; and Li, Hsin L., 4,558,497, Cl. 28-257.000.

Ott, William E.; and Krieg, Edwin A., 4,519,482, Cl. 188-343.000.

Ott, William E., 4,561,523, Cl. 188-79.50K.

Oxenrider, Bryce C.; and Long, David J., 4,537,728, Cl. 260-455.00R.

Oxenrider, Bryce C., 4,551,519, Cl. 528-296.000.

Pande, Krishna P., 4,529,996, Cl. 357-16.000.

Parks, Kevin B.; Jordan, David D.; and Taig, Alistair G., 4,553,949, Cl. 464-153.000.

Patel, Gordhanbhai N.; Preziosi, Anthony F.; Bhattacharjee, Himangshu R.; and Lee, Lester T. C., 4,550,150, Cl. 526-233.000.

Pauwels, Michael A.; Wright, Danny O.; Harvey, Bruce J.; and Bauer, Thomas J., 4,512,317, Cl. 123-478.000.

Pauwels, Michael A.; Wright, Danny O.; and Harvey, Bruce J., 4,556,943, Cl. 364-431.120.

Pauwels, Michael A.; and Wright, Danny O., 4,558,416, Cl. 364-431.110.

Perara, Thomas E., 4,510,803, Cl. 73-178.00R.

Petersen, Carl C.; McKeown, Stephen A.; and Normann, Richard W., 4,494,818, Cl. 339-192.00R.

Petersen, Peter, 4,502,531, Cl. 165-76.000.

Petersen, Peter, 4,543,058, Cl. 432-9.000.

Peyton, Richard H., 4,556,077, Cl. 137-112.000.

Pez, Guido P., 4,514,337, Cl. 260-429.300.

Pugh, James G.; and Carmichael, Richard W., 4,553,789, Cl. 303-54.000.

Pujari, Vimal K., 4,518,335, Cl. 425-78.000.

Pujari, Vimal K., 4,556,090, Cl. 141-59.000.

Rauch, Burton S., 4,530,674, Cl. 464-75.000.

Ray, Ranjan, 4,523,621, Cl. 164-46.000.

Ray, Valton O.; Roeland, Robert H.; Potter, Carl H.; and Szmuilowicz, Yehuda I., 4,492,557, Cl. 425-72.00S.

Reddy, Kammalathinna V.; and Berry, Michael J., 4,519,882, Cl. 204-158.00R.

Reichardt, Manfred; and Schutzle, Gunter, 4,536,045, Cl. 339-14.00P.

Remus, Casimer F., 4,550,630, Cl. 74-800.000.

Resch, Alois R., 4,503,610, Cl. 29-845.000.

Riches, Arthur J.; and Mitchell, Brian, 4,550,967, Cl. 339-88.00R.

Ritsema, Irving R., 4,530,423, Cl. 188-73.390.

Ritsema, Irving R., 4,540,068, Cl. 188-73.390.

Roberts, James K., 4,555,001, Cl. 188-79.5GE.

Runkle, Dean E., 4,544,045, Cl. 188-72.600.

Russo, Frank A.; Pauwels, Michael A.; and Bauer, Thomas A., 4,556,942, Cl. 364-431.070.

Sachleben, Harold G.; Hubbard, David W.; Botset, Richard A.; and Hardage, Thomas B., 4,541,576, Cl. 242-18.0PW.

Sachleben, Harold G., Sr., 4,504,085, Cl. 285-119.000.

Sachs, Neville W., 4,558,599, Cl. 73-761.000.

Sacks, William; Sibilia, John P.; Kotliar, Abraham M.; Oltmann, Harold D.; and Chen, Shu P., 4,528,235, Cl. 428-220.000.

Salatiello, Peter P.; Petrucelli, Frank; and Flood, Paul W., 4,508,675, Cl. 264-310.000.

Samuels, George J.; Schmitkons, Thomas A.; Streeter, Terry L.; and Murray, Royce W., 4,524,114, Cl. 429-42.000.

Saprokhin, Alexander M.; Friedland, David J.; Baran, Richard M.; Kim, Jung T.; and McCurry, Lynn E., 4,511,440, Cl. 204-60.000.

Scardilli, A. Vincent; and Levine, Alfred L., 4,559,582, Cl. 362-23.000.

Schildkraut, Alan L.; and Brush, Robert W., Sr., 4,525,017, Cl. 339-89.00M.

Schildkraut, Alan L.; and MacAvoy, David W., 4,536,048, Cl. 339-89.00M.

Schmidt, John C.; Sands, Clifton A.; and Campbell, Donald N., 4,500,391, Cl. 204-1.00T.

Schmidt, John C.; Campbell, Donald N.; and Clay, Sandra B., 4,525,266, Cl. 204-412.000.

Schneider, Michael J., 4,538,576, Cl. 123-446.000.

Schreiner, Peter; Wegh, John R.; and Smith, Roger L., 4,527,672, Cl. 188-264.00G.

Schutzle, Gunter; and Reichardt, Manfred, 4,556,270, Cl. 339-91.00R.

Seitz, William R.; and Zhujun, Zhang, 4,548,907, Cl. 436-163.000.

Shacklette, Lawrence W., 4,522,901, Cl. 429-194.000.

Shealy, James B., 4,535,663, Cl. 83-100.000.

Shepler, Eric F.; and Knapp, Anthony W., 4,508,408, Cl. 339-89.00M.

Sherman, William E., II; and Behrmann, Edgar A., 4,560,368, Cl. 464-112.000.

Sheth, Dilitkumar R.; and Durand, Kevin J., 4,529,177, Cl. 266-274.000.

Shia, George A., 4,556,618, Cl. 429-217.000.

Smith, Stanley B., Jr.; Schleicher, Robert G.; and Waterman, Jon N., 4,531,836, Cl. 356-316.000.

Smith, Stanley B., Jr., 4,545,680, Cl. 356-319.000.

Sorensen, Ian W., 4,557,857, Cl. 252-503.000.

Soriano, David S.; Demmin, Timothy R.; and Robinson, Martin A., 4,507,251, Cl. 260-944.000.

Spaargaren, Robert, 4,515,250, Cl. 188-79.5GT.

Spaargaren, Robert, 4,553,647, Cl. 188-206.00R.

Spangler, Glenn E.; and Cox, John N., 4,551,624, Cl. 250-287.000.

Spratt, Brendan J.; Pryor, David J.; Jones, James B., Jr.; Davis, Dennis W.; and Frazier, Richard V., Jr., 4,554,547, Cl. 343-7.300.

Steer, John E., 4,510,753, Cl. 60-578.000.

Steer, John E.; and Crumb, Donald A., 4,559,781, Cl. 60-562.000.

Steinberg, Albert H.; Petruccelli, Frank; Lucas, Mariann E.; and Zlatkevich, Lev, 4,548,779, Cl. 264-255.000.

Stewart, Donald F.; Tubridy, Michael F.; and Huthwaite, Herbert J., 4,556,696, Cl. 525-432.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,004, Cl. 71-28.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,007, Cl. 71-28.000.

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Swerdloff, Michael D.; Van Der Puy, Michael; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,539,037, Cl. 71-28.000.

Taig, Alistair G., 4,533,028, Cl. 192-13.00A.

Taig, Alistair G., 4,538,710, Cl. 192-13.00A.

Taig, Alistair G., 4,540,383, Cl. 464-110.000.

Thomas, Evan G., 4,491,530, Cl. 252-143.000.

Thomas, Rudy V., 4,509,706, Cl. 242-107.40A.

Thomas, Rudy V., 4,537,363, Cl. 242-107.40A.

Thomas, Rudy V., 4,540,218, Cl. 297-467.000.

Thomas, Rudy V., 4,549,749, Cl. 280-808.000.

Thornton, Donald I.; and Peyton, Richard H., 4,500,425, Cl. 210-136.000.

Tomsa, Vladimir, 4,512,623, Cl. 339-143.00R.

Tomsa, Vladimir, 4,531,802, Cl. 339-90.00R.

Tomsa, Vladimir, 4,534,607, Cl. 339-89.00R.

Tomsa, Vladimir, 4,542,952, Cl. 339-90.00R.

Tsang, Peter H.; Coyle, Joseph P.; Liu, Tung; and VanderPoorte, John G., 4,537,823, Cl. 428-308.400.

Turanchik, Michael F.; Yeung, Kwok K.; and Smith, Nathan L., 4,547,466, Cl. 436-509.000.

Twilley, Ian C.; Turner, Garland L.; Saunders, Peter R.; and Haylock, John C., 4,507,361, Cl. 428-373.000.

Vanderkooi, Nicholas, Jr.; Stevenson, Philip E.; and Welgos, Robert J., 4,508,769, Cl. 428-36.000.

Van Der Puy, Michael; Kolc, Jaroslav F.; Anello, Louis G.; Hendrickson, Larry L.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,537,614, Cl. 71-28.000.

Van Der Puy, Michael; Hendrickson, Larry L.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,540,428, Cl. 71-28.000.

Vaughn, Edward A., 4,514,880, Cl. 19-0.350.

Walker, Bertice E., Jr.; and Hyder, Richard J., 4,523,373, Cl. 29-593.000.

Walther, James F.; and Choi, John I., 4,528,175, Cl. 423-492.000.

Wan, Chung-Chu; Wang, Rong Y.; and Kapoor, Deepak, 4,523,950, Cl. 75-123.00B.

Wells, Rodney L., 4,547,546, Cl. 524-313.000.

Werth, Dee A.; and Luca, Vincent A., Jr., 4,522,458, Cl. 339-45.00M.

Werth, Dee A., 4,531,805, Cl. 339-143.00R.

Wertheimer, Harry P.; Libsch, Thomas A.; Pfeifer, Jerome L.; and Becker, Paul C., 4,535,316, Cl. 338-34.000.

Wilensky, Barry F.; and Maggi, Joseph A., 4,513,318, Cl. 358-139.000.

Williams, Benjamin J., Jr.; and Hodge, Robert G., 4,504,281, Cl. 48-195.000.

Williams, Robert L.; and Marks, Christopher, 4,519,666, Cl. 339-177.00R.

Wilson, Robert K., 4,540,382, Cl. 464-73.000.

Wolf, James F.; Savner, Suzanne M.; Maxfield, MacRae; and Shacklette, Lawrence W., 4,528,254, Cl. 429-197.000.

Woodruff, Frank, 4,558,770, Cl. 192-48.600.

Wright, Danny O.; and Weber, Robert E., 4,556,955, Cl. 364-133.000.

Yamanis, Jean; Carlson, Emery J.; and Armor, John N., 4,560,797, Cl. 564-267.000.

Allied Flux Reclaiming Ltd.: *See—*

Beck, Alfred; and Van Papeveld, Piet, 4,514,931, Cl. 49-21.000.

Allied Products Corporation: *See—*

Harden, Jerrell W., 4,524,837, Cl. 172-156.000.

Hottes, Ronald W., 4,538,400, Cl. 56-11.800.

Allied Tube & Conduit Corporation: *See—*

Basile, Raffaele, 4,549,756, Cl. 285-388.000.

Goldberg, Harold D., 4,547,004, Cl. 285-31.000.

Alligood, John H., to Eastman Kodak Company. Camera loading door interlock. 4,527,873, 7-9-85, Cl. 354-121.000.

Allington, Robert W., to ISCO, Inc. Method and apparatus for reducing Schlieren noise in a liquid chromatograph. 4,523,097, 6-11-85, Cl. 250-458.100.

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Allington, Robert W.: *See—*

Tehrani, Abolghassem Y.; Jones, John N.; and Allington, Robert W., 4,545,904, Cl. 210-96.100.

Allis-Chalmers Corporation: *See—*

Ahrendt, Donald A., 4,523,488, Cl. 74-471.0XY.

Ballendux, Gerardus M., 4,503,727, Cl. 74-477.000.

Bauer, Frederick C., 4,502,348, Cl. 74-482.000.

Berti, Jerome L.; and Patchen, Paul J., 4,497,497, Cl. 277-163.000.

Busboom, Garry W.; and James, Larry R., 4,546,600, Cl. 56-208.000.

Chaulk, Donald E., 4,501,168, Cl. 74-526.000.

Fetter, Stephen M., 4,511,380, Cl. 55-355.000.

Fisher, Richard K., Jr., 4,515,524, Cl. 415-219.00R.

Getzin, Allan R., 4,526,591, Cl. 55-112.000.

Gokhman, Alexander, 4,496,282, Cl. 415-161.000.

Hansen, Kenneth N., 4,497,217, Cl. 74-512.000.

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Haupt, Robert C., 4,524,634, Cl. 74-473.00R.

Kissel, Gary T., 4,555,255, Cl. 55-355.000.

Kuhn, Lowell L.; and Miggels, Stephen G., 4,503,749, Cl. 98-2.110.

Lesiecki, Gerald; and Kraemer, Kenneth E., 4,502,693, Cl. 277-3.000.

O'Dell, Leonard J., 4,560,396, Cl. 55-287.000.

Patchen, Paul, II, 4,513,695, Cl. 123-41.100.

Plate, John R., 4,513,850, Cl. 192-3.580.

Ray, William C., 4,553,638, Cl. 187-9.00E.

Russ, David E., 4,509,602, Cl. 172-311.000.

Schott, Robert E., 4,506,773, Cl. 192-52.000.

Sexton, Robert W.; and Smith, Richard L., 4,499,031, Cl. 261-66.000.

Shelley, George W., Jr., 4,505,612, Cl. 405-101.000.

Shuler, Bernard R., 4,545,793, Cl. 55-355.000.

Shupert, Paul T., 4,502,270, Cl. 56-314.000.

Sieren, Gerald E., 4,491,191, Cl. 180-69.200.

Sieren, Gerald E., 4,506,749, Cl. 180-69.200.

Smith, Richard L., 4,557,740, Cl. 55-440.000.

Wood, Terry G., 4,503,680, Cl. 60-605.000.

Wooldridge, James E., 4,552,058, Cl. 98-1.500.

Allis, Robert F.: *See—*

Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., 4,506,301, Cl. 358-280.000.

Allisio, Giovanni. Self-propelled unit for propelling a person wearing snow skis along a rising snow path. 4,519,470, 5-28-85, Cl. 180-180.000.

Allison, Arlie E. Room heat circulation system. 4,534,276, 8-13-85, Cl. 98-34.500.

Allison, Dallas K. Collapsible shelter. 4,522,441, 6-11-85, Cl. 296-160.000.

Allison, George E. Method for preparing an expanded food product. 4,525,367, 6-25-85, Cl. 426-394.000.

Allison, Irving, Jr. Security platform assembly for computers and other electrical appliances. 4,556,188, 12-3-85, Cl. 248-553.000.

Allison, John, to A.P.V. Company Limited, The. Plate heat exchanger. 4,499,942, 2-19-85, Cl. 165-78.000.

Allison, John H. Pressure energy storage device. 4,525,631, 6-25-85, Cl. 290-4.00R.

Allison, John P., to Kimberly-Clark Corporation. Multi layer sanitary appliance. 4,531,945, 7-30-85, Cl. 604-378.000.

Allison, Lawrence S.: *See—*

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Allison, Philip J.; and Smith, Morley L., to T. S. Simms & Co. Limited. Unitary paint tray. 4,509,226, 4-9-85, Cl. 15-257.060.

Allison, Philip J., to T. S. Simms & Co. Limited. Combination coupler and support bearing for a paint roller. 4,541,140, 9-17-85, Cl. 15-230.110.

Allison, Robert A., to Idea Development Corporation. Apparatus for de-icing the leading edge of an airfoil section of an aircraft. 4,505,445, 3-19-85, Cl. 244-134.00B.

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Allo, Vincent F.; and Stafford, Donald C., to Chicago Bridge & Iron Company. Falling film heat exchanger with member to distribute liquid on external surfaces of tubes. 4,519,448, 5-28-85, Cl. 165-118.000.

Alloca, Robert E.; and Mazon, Meyer I., to Grumman Allied Industries, Inc. Vacuum pumping system. 4,505,647, 3-19-85, Cl. 417-252.000.

Allocco, Carmen, Jr.; Burger, William R.; and Counoupas, Steve S., to Xerox Corporation. Document registration system. 4,506,978, 3-26-85, Cl. 355-14.0SH.

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Allor, Richard L., to Ford Motor Company. Method of machine cutting silicon metal particulates with Si_3N_4. 4,557,244, 12-10-85, Cl. 125-1.000.

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Allport, Maurice J., to Lucas Industries Public Limited Company. Slip ring assembly with inner recess to prevent shorting. 4,535,264, 8-13-85, Cl. 310-232.000.

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Allred, Laurence L., Jr.; and Lange, Bradley N., to Advanced Semiconductor Materials America, Inc. Semiconductor testing and apparatus therefor. 4,520,313, 5-28-85, Cl. 324-158.00R.

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Wever, Ruben; Allred, Lorin D.; and Ruiz, Marco A., 4,525,605, Cl. 179-175.20R.

Allred, Neal C., III, to Lawing, Stephen E.; and Allred, Neal C., III. Cam shaft timing control device. 4,545,338, 10-8-85, Cl. 123-90.150.

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Clausen, Eivind; and Allsop, James D., 4,498,113, Cl. 360-128.000.

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Alluto, Luigi; and Fancelli, Fabio, to Indesit Industrial Elettrodometici Italiana S.p.A. Defrosting device for a refrigerator. 4,530,217, 7-23-85, Cl. 62-156.000.

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Allyn, Christopher L.; Flahive, Peter G.; Iglesias, David E.; Schlosser, Wolfgang O. W.; and Wemple, Stuart H., to AT&T Bell Laboratories. High-power III-V semiconductor device. 4,498,093, 2-5-85, Cl. 357-22.000.

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- Almeida, Anthony. Animal collar. 4,491,090, 1-1-85, Cl. 119-106.000.
- Almeida, Robert. Apparatus for improving oil storage tanks. 4,537,211, 8-27-85, Cl. 137-1.000.
- Almer, Bengt O. Wax profiles for dental bridges. 4,542,780, 9-24-85, Cl. 164-235.000.
- Almgren, Per H. I.; and Durne, Christian H. P., to U.S. Philips Corporation. Illuminating arrangement in microwave ovens. 4,559,585, 12-17-85, Cl. 362-92.000.
- Almicro Electronics Inc.: *See—*
  - Wagner, Peter; and Shkawrytko, Victor, 4,510,350, Cl. 179-5.00P.
- Almond, Eric A.; and Gee, Mark G. Abrasive bodies. 4,496,372, 1-29-85, Cl. 51-309.000.
- Almond, Eric A.; and Gee, Mark G. Abrasive bodies. 4,505,721, 3-19-85, Cl. 51-309.000.
- Almond, Eric A.; and Gee, Mark G. Diamond abrasive products. 4,556,403, 12-3-85, Cl. 51-308.000.
- Almond, Stephen W.; and Himes, Ronald E., to Halliburton Company. Method of gravel packing a well. 4,552,215, 11-12-85, Cl. 166-278.000.
- Almond, Stephen W.; and Conway, Michael W., to Halliburton Company. Method for fracturing subterranean formations. 4,553,601, 11-19-85, Cl. 166-308.000.
- Almond, Stephen W.: *See—*
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- Alongi, C. J.; Miller, Jack L.; and Radzik, William W., to Marmon Group, Inc., The. Method and apparatus for damping spurious vibration in spring reverberation units. 4,504,967, 3-12-85, Cl. 381-65.000.
- Aloni, Roni, to Ramot University Authority for Applied Research and Industrial Development, Ltd. Plant growth method and composition. 4,507,144, 3-26-85, Cl. 71-89.000.
- Alonso, Martin; and Villazon, Francisco, to AMP Incorporated. Housing for a female electrical contact. 4,542,948, 9-24-85, Cl. 339-59.00R.
- Alonso, Sydney A.; and Jones, Cameron W., to New England Digital Corporation. Partial timbre sound synthesis method and instrument. 4,554,855, 11-26-85, Cl. 84-122.000.
- Alopex Industries, Inc.: *See—*
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- Alpaire, Inc.: *See—*
  - Bishop, Charles D.; Stamps, Kenneth H.; and Turney, David L., 4,539,898, Cl. 99-336.000.
  - Bohrer, Walter G., Jr.; and Stamps, Kenneth H., 4,520,717, Cl. 99-337.000.
- Alpaugh, Warren A.; Amelio, William J.; Markovich, Voya; and Sambucetti, Carlos J., to International Business Machines Corporation. Deposition of copper from electroless plating compositions. 4,525,390, 6-25-85, Cl. 427-305.000.
- Alpegiani, Marco; Battistini, Carlo; Bedeschi, Angelo; Franceschi, Giovanni; Foglio, Maurizio; and Zarini, Franco, to Farmitalia Carlo Erba S.p.A. Process for preparing optically active penems. 4,508,649, 4-2-85, Cl. 260-245.20R.
- Alpen Dairy Foods Pty. Limited: *See—*
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- Alpen, Mark E.: *See—*
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- Alperin, Marvin; and Brasswer, Joseph L., to Albrass Enterprises, Inc. Means and method for attaching fan and fixture units or the like substantially flush with a ceiling. 4,513,940, 4-30-85, Cl. 248-674.000.
- Alpern, Marvin, to Ethicon, Inc. Package for surgical instrument. 4,511,035, 4-16-85, Cl. 206-363.000.
- Alpert, Andrew J. Chromatographic support material. 4,517,241, 5-14-85, Cl. 428-332.000.
- Alpert, Sidney A. Football signaling system. 4,541,013, 9-10-85, Cl. 358-142.000.
- Alpha Corporation of Tennessee, The: *See—*
  - Bayha, Charles E.; and McQueen, Daniel H., 4,525,427, Cl. 428-458.000.
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- Alpha-Debon Industries, Inc.: *See—*
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- Alpha Gauge & Instrument Company: *See—*
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- Alpha Industries, Inc.: *See—*
  - Borzym, John J.; and Borzym, Alexander, 4,499,803, Cl. 83-319.000.
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  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,514,740, Cl. 346-139.00R.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,174, Cl. 346-136.000.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,176, Cl. 346-141.000.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,560,295, Cl. 400-637.100.
  - Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.
  - Hayashi, Yuzo; Yamanashi, Fumiaki; and Fujiwara, Yoshiyuki, 4,543,201, Cl. 252-299.100.
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  - Hori, Fumihisa; Tamukai, Tadao; and Miyajima, Mikio, 4,512,675, Cl. 400-328.000.
  - Hosogoe, Junichi, 4,559,532, Cl. 340-710.000.
  - Hosogoe, Junichi; Suzuki, Motoyuki; and Ida, Yuichi, 4,562,314, Cl. 200-5.00R.
  - Igarashi, Sadao, 4,504,796, Cl. 330-286.000.
  - Ijichi, Sadayoshi; and Yamamoto, Masaki, 4,527,280, Cl. 455-183.000.
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  - Izumi, Hiroshi; and Koike, Hiroshi, 4,529,923, Cl. 318-696.000.
  - Kaneko, Akio; Kajiwara, Hitoshi; Haikawa, Yukihiko; and Nishiga, Kazuya, 4,504,968, Cl. 381-103.000.
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  - Kubo, Yoshizo; and Utagawa, Ikuo, 4,503,286, Cl. 178-18.000.
  - Kubo, Yoshizo; and Utagawa, Ikuo, 4,504,700, Cl. 178-18.000.
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  - Murata, Taneo, 4,514,608, Cl. 200-153.00J.
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  - Murayama, Noriaki; and Abe, Kiyoto, 4,555,738, Cl. 360-75.000.
  - Noji, Tasuku; and Hiyama, Torao, 4,494,095, Cl. 334-85.000.
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  - Tsuchiya, Tatsuhiko, 4,528,606, Cl. 360-96.300.
  - Tsukahara, Michiyoshi, 4,561,039, Cl. 361-328.000.
  - Uchida, Katsutoshi; Izumida, Hisashi; Kawana, Kofu; and Suda, Masaru, 4,529,960, Cl. 338-309.000.
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  - Yoshisato, Akiyuki, 4,556,988, Cl. 455-182.000.
- Alroy & Stanley Associates, Inc.: *See—*
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  - Stanley, Smith B.; and Alroy, Yoram A., 4,560,258, Cl. 351-115.000.
- Alsbach, Walter G.: *See—*
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- Alsch, Gottfried, to Naimer, Hubert Laurenz. Star-delta-switch. 4,503,412, 3-5-85, Cl. 335-170.000.
- Alsenz, Richard H. Refrigerator defrost control. 4,531,376, 7-30-85, Cl. 62-156.000.
- Alsenz, Richard H.; and Ansted, Roger C., to Alsenz, Richard H. Shift logic control apparatus for unequal capacity compressors in a refrigeration system. 4,535,602, 8-20-85, Cl. 62-175.000.
- Alsenz, Richard H.; and Ansted, Roger C. Method and apparatus for controlling pressure in a single compressor refrigeration system. 4,537,038, 8-27-85, Cl. 62-118.000.
- Alsobrook, Lawrence C., to Data Technology Corporation. Tape reel and method. 4,540,133, 9-10-85, Cl. 242-71.800.
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  - Johnson, Kalin S.; and Alsobrooks, Daniel E., 4,561,158, Cl. 29-156.40R.
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- Alston, Arthur: *See—*
  - Chin, Thomas G.; and Alston, Arthur, 4,522,056, Cl. 73-64.200.
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- Alston, Lawrence E., to Polaroid Corporation. Electronic imaging camera. 4,541,010, 9-10-85, Cl. 358-44.000.
- Alston, William W., Jr., to Audostart Corporation. Apparatus for measuring auditory reaction time. 4,502,489, 3-5-85, Cl. 128-746.000.
- Alsup, W. Homer. Tear out strip on coin tubes and coin wrappers. 4,505,425, 3-19-85, Cl. 229-87.200.
- Alt, Daniel M.; and Sackett, Michael J., to A. J. Sackett & Sons Co. High-speed fluid blender. 4,534,654, 8-13-85, Cl. 366-137.000.
- Alt, Mark R.; and Olds, John R., to Abex Corporation. Coupling link. 4,525,994, 7-2-85, Cl. 59-85.000.
- Alt, Mark R.: *See—*
  - Olds, John R.; and Alt, Mark R., 4,517,756, Cl. 37-118.00R.
- Alt, Richard C.; and Pinter, Joseph, to International Business Machines Corporation. Disposable strip assembly and retention device for a line printer. 4,510,862, 4-16-85, Cl. 101-93.140.
- Altares, Romulo A.; Gibson, David S.; Goyda, Michael A.; Hegadorn, Joseph L.; and Kapoor, Virendra N., to General Foods Corporation. Method for continuously producing pop-shaped frozen confections. 4,548,045, 10-22-85, Cl. 62-63.000.
- Altec Industries, Inc.: *See—*
  - Freudenthal, Frank D.; and Anderson, Carl M., 4,512,436, Cl. 182-2.000.
- Alteepping, Josef; and Bornemann, Dietrich E., to Standard Oil Company (Indiana). Laminate suitable as sealing liner for liquid containers. 4,514,463, 4-30-85, Cl. 428-286.000.
- Altekruse, Richard A., to General Electric Company. Dual purpose array processor for a CT scanner. 4,494,141, 1-15-85, Cl. 358-111.000.
- Altemark, Detlef; Sommers, Hans; and Weid, Manfred, to Ruhrgas Aktiengesellschaft. Burner. 4,530,656, 7-23-85, Cl. 431-8.000.
- Altemose, James L., to Creative Environments, Inc. Hand portable bottle rack. 4,494,788, 1-22-85, Cl. 294-161.000.
- Alten, Kurt. Deformable seal of the gap between a building opening and a vehicle driven up to it. 4,495,737, 1-29-85, Cl. 52-173.0DS.
- Alten, Kurt. Transfer bridge for ramps. 4,510,638, 4-16-85, Cl. 14-71.700.
- Alten, Kurt. Seal for the gap between the edge of a building opening and the back end of a vehicle driven up to it. 4,516,366, 5-14-85, Cl. 52-173.0DS.
- Alten, Kurt. Ramp bridging device. 4,551,877, 11-12-85, Cl. 14-71.700.
- Altenau, Ernst-Wilhelm; Hahn, Ulf; and Sabranski, Udo, to Rheinmetall GmbH. Explosive shrapnel shell. 4,524,696, 6-25-85, Cl. 102-491.000.
- Altenhofer, Herbert; Wintzheimer, Engelbert; and Neuhauser, Gerhard, to Gebr. Knauf Westdeutsche Gipswerke. Gypsum construction sheet with glass fiber/non-woven felt lining sheet. 4,504,533, 3-12-85, Cl. 428-70.000.
- Altenpohl, Paul J., to W. F. Altenpohl, Inc. Easy-drop sizing carrier for poultry. 4,498,578, 2-12-85, Cl. 198-680.000.
- Altenschopfer, Theodor: *See—*
  - Pruhs, Horst; and Altenschopfer, Theodor, 4,511,487, Cl. 252-99.000.
- Alter, H. Ward; and Oswald, Richard A., to Terradex Corporation. Compact detector for radon and radon daughter products. 4,518,860, 5-21-85, Cl. 250-253.000.
- Alternative Pioneering Systems Inc.: *See—*
  - Erickson, Chad S., 4,531,306, Cl. 34-44.000.
  - Erickson, Chad S., 4,536,643, Cl. 219-400.000.
- Althausen, Ferdinand; Proksa, Ferdinand; and Osinski, Ulrich, to Maschinenfabrik Hennecke GmbH. Machinery for filling cavities with flowable reaction mixtures. 4,520,947, 6-4-85, Cl. 222-63.000.
- Altherr, Russell G.; and Schmitt, Steven F., to AMSTED Industries Incorporated. Railway vehicle draft sill and slackless draft assembly. 4,549,666, 10-29-85, Cl. 213-62.00A.
- Altherr, Russell G.: *See—*
  - Kaim, John W.; Berg, Norman A.; and Altherr, Russell G., 4,537,304, Cl. 206-335.000.
- Althoff, Erwin: *See—*
  - Langhoff, Joseph; Althoff, Erwin; Kolodzey, Wolfgang; and Gerhardus, Ulrich, 4,508,542, Cl. 48-77.000.
- Althoff, Heinz J., to Vereinigte Deutsche Metallwerke AG. Alloy and process for manufacturing rolled strip from an aluminum alloy especially for use in the manufacture of two-piece cans. 4,501,627, 2-26-85, Cl. 148-437.000.
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- Althous, Horst: *See—*
  - Spindeler, Heinrich; Wackerbarth, Folkard; and Althous, Horst, 4,491,505, Cl. 202-270.000.
- Althouse, Rickie M.; Beamenderfer, Robert E.; Durbin, Roger; Hollyday, Robert D.; and Kling, John P., to AMP Incorporated. Solderless mounted filtered connector. 4,519,665, 5-28-85, Cl. 339-147.00R.
- Alticosalian, Girair H. Perfume dispenser. 4,549,674, 10-29-85, Cl. 222-48.000.
- Altissimo, Mario. Automatic washing machine for dogs and like animals. 4,505,229, 3-19-85, Cl. 119-158.000.
- Altman, Daniel E.: *See—*
  - Geller, Myer; Keenan, Thomas E.; Altman, Daniel E.; and Patterson, Richard H., 4,493,114, Cl. 455-617.000.
- Altman, Frederick D.: *See—*
  - Mast, Steven C.; and Altman, Frederick D., 4,512,293, Cl. 123-65.00B.
- Altman, Gerald. Infrared radiation cooler for producing physiologic conditions such as comfort or hypothermia. 4,505,118, 3-19-85, Cl. 62-3.000.
- Altman, Murray; and Bellasalma, Gerald J., to Thermasol, Ltd. Method and apparatus for bending multiple channel tubing. 4,533,512, 8-6-85, Cl. 264-339.000.
- Altman, Ralph F.; Gooch, John P.; Dismukes, Edward B.; Bickelhaupt, Roy E.; and Dahlin, Robert S., to Electric Power Research Institute, Inc. Method for flue gas conditioning with the decomposition products of ammonium sulfate or ammonium bisulfate. 4,533,364, 8-6-85, Cl. 55-5.000.
- Altman, Sidney; and Kasha, Dan. Passive personal alarm device. 4,520,351, 5-28-85, Cl. 340-574.000.
- Altman Stage Lighting Co., Inc.: *See—*
  - Lemons, Thomas M., 4,536,832, Cl. 362-264.000.
- Altman, Ted N., to RCA Corporation. Binary drive circuitry for matrix-addressed liquid crystal display. 4,496,219, 1-29-85, Cl. 350-332.000.
- Altman, Ted N.; and Fedele, Nicola J., to RCA Corporation. Low cost monotonic digital-to-analog converter. 4,544,911, 10-1-85, Cl. 340-347.0DA.
- Altman, Wolf P., to RCA Corporation. High-energy, single longitudinal mode hybrid laser. 4,554,666, 11-19-85, Cl. 372-19.000.
- Altmann, Gerhard; Alber, Friedrich; and Brzuska, Lothar, to Transformatoren Union Aktiengesellschaft. Dry-type transformer with windings cast in casting resin. 4,523,171, 6-11-85, Cl. 336-96.000.
- Altmann, Gerhard; Bendel, Wolfgang; Dedelmahr, Rudolf; and Pfeiffer, Richard, to Transformatoren Union Aktiengesellschaft. Method of manufacturing transformer windings embedded in casting resin. 4,540,536, 9-10-85, Cl. 264-102.000.
- Altmann, Josef; Ratislav, Jaromir; and Ratislav, Jaromir, to Skoda, koncernova podnik. Apparatus for vacuum cleaning of oil fillings. 4,561,866, 12-31-85, Cl. 55-166.000.

- Altmann, Konrad, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Stable optical laser resonator. 4,517,677, 5-14-85, Cl. 372-99.000.
- Altmann, Micha: *See—*
  - Givol, Benny, 4,539,829, Cl. 70-454.000.
- Altnau, Ronald L.: *See—*
  - Fey, Robert M.; and Altnau, Ronald L., 4,526,020, Cl. 68-3.00R.
- Altner, Ulrich; Falb, H. Wolfgang; and Wallroth, Carl F., to Dragerwerk Aktiengesellschaft. Narcotics evaporator having a monitor equipped by-pass. 4,552,139, 11-12-85, Cl. 128-200.140.
- Alto, Kenneth W.: *See—*
  - Castellano, Gary M.; and Alto, Kenneth W., 4,537,404, Cl. 273-422.000.
- Altomare, Robert E.; Beale, Robert J.; Glicksman, Martin; Hegedus, Elizabeth; Schulman, Marvin; and Silverman, Jerry E., to General Foods Corporation. Citrus albedo bulking agent and process therefor. 4,526,794, 7-2-85, Cl. 426-258.000.
- Alton, Michael J., to Omni Devices, Inc. Combined static and dynamic image data display system. 4,521,771, 6-4-85, Cl. 340-705.000.
- Alton Packaging Corporation: *See—*
  - Kurth, Charles W.; and Moerchen, John M., 4,504,497, Cl. 426-130.000.
  - Martin, Charles A., 4,529,091, Cl. 206-586.000.
- Altounian, George N., to Centre de Recherche Industrielle du Quebec. Polyesters polyols prepared from glutaric acid, succinic acid and adipic acid, and polyurethanes prepared therefrom. 4,525,574, 6-25-85, Cl. 528-283.000.
- Altounyan, Roger E. C.; and Auty, Richard M., to Fisons plc. Inhalation device. 4,509,515, 4-9-85, Cl. 128-200.230.
- Altronic, Inc.: *See—*
  - Lepley, Joseph M., 4,522,184, Cl. 123-599.000.
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  - Taboada, John; and Altschuler, Bruce R., 4,523,809, Cl. 350-163.000.
- Altschuler, J. George: *See—*
  - Paisley, Gary V.; Altschuler, J. George; and Rommler, Josef, 4,499,141, Cl. 428-318.800.
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- Aluisi, Alan L. Drum baffle system. 4,519,288, 5-28-85, Cl. 84-411.00M.
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  - Brun, Marcel; Perret, Andre; and Cailleux, Claude, 4,512,695, Cl. 409-134.000.
  - Bucourt, Francois, 4,518,028, Cl. 164-460.000.
  - Keinborg, Maurice; Varin, Philippe; Bertaud, Yves; and Leroy, Michel, 4,532,017, Cl. 204-67.000.
  - LeFebvre, Jacques, 4,492,615, Cl. 204-28.000.
  - Leroy, Michel; and Keinborg, Maurice, 4,533,452, Cl. 204-243.00R.
  - Thomas, Jean-Claude, 4,504,219, Cl. 432-4.000.
  - Vives, Charles, 4,523,628, Cl. 164-468.000.
  - Vives, Charles, 4,530,404, Cl. 164-467.000.
- Aluminum Company of America: *See—*
  - Ai, Daniel K.; and Yu, Ho, 4,526,223, Cl. 164-428.000.
  - Ai, Daniel K.; and Yu, Ho, 4,550,766, Cl. 164-428.000.
  - Anderson, Albert R., 4,552,465, Cl. 374-179.000.
  - Bowman, Kenneth A.; and Zuber, Chester L., 4,491,473, Cl. 75-63.000.
  - Bowman, Kenneth A.; and Gantz, Marvin E., Jr., 4,498,523, Cl. 164-477.000.
  - Bowman, Kenneth A.; Christini, Roy A.; and Ballain, Marlyn D., 4,498,927, Cl. 75-67.00R.
  - Bowman, Kenneth A.; Jacoby, John E.; and Finn, Kellen M., 4,556,535, Cl. 420-580.000.
  - Brown, Melvin H.; and DeYoung, David H., 4,542,704, Cl. 110-347.000.
  - Bush, J. Finley; and The, Paul J., 4,496,524, Cl. 423-122.000.
  - Bush, J. Finley; and Gaydosik, Gary F., 4,508,689, Cl. 423-127.000.
  - Claassen, Pamela L.; and Booz, A. David, 4,522,655, Cl. 106-290.000.
  - Clowes, Ernest J., 4,522,049, Cl. 72-46.000.
  - Culleiton, Charles J.; LaCamera, Alfred F.; and Robare, Thomas J., 4,541,907, Cl. 204-67.000.
  - Flemm, Roy E.; and Morran, James R., 4,497,994, Cl. 219-109.000.
  - Francis, Thomas L.; and Phelps, Frankie E., 4,517,037, Cl. 156-89.000.
  - Hawkins, Ronald G.; and Hooker, Robert M., 4,527,008, Cl. 174-42.000.
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  - Heffner, Robert E.; and Davidson, John J., 4,544,475, Cl. 204-300.0EC.
  - Horansky, Frank J.; and Arndt, Eric D., 4,541,332, Cl. 100-3.000.
  - Hovland, Lyle W.; and Klingensmith, James D., 4,510,502, Cl. 343-880.000.
  - Huet, Roger, 4,534,266, Cl. 89-36.020.
  - Jarrett, Noel; and Hornack, Thomas R., 4,504,366, Cl. 204-1.00R.
  - Kutcher, Howard R., 4,540,101, Cl. 215-252.000.
  - LaBarge, Robert L.; Horansky, Frank J.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,510,857, Cl. 100-53.000.
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  - LaBarge, Robert L.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,512,253, Cl. 100-53.000.
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  - LaBarge, Robert L.; Leftault, Charles J., Jr.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,519,307, Cl. 100-99.000.
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  - Laemmle, Joseph T.; and Bohaychick, John, 4,517,105, Cl. 252-56.00R.
  - Laemmle, Joseph T.; Bohaychick, John; and Lansdale, Willie, 4,522,250, Cl. 164-472.000.
  - Levendusky, Thomas L.; and Benson, Arthur, 4,558,198, Cl. 219-10.55E.
  - Levendusky, Thomas L.; and Benson, Arthur, 4,560,850, Cl. 219-10.55E.
  - Martin, Robert J.; Cisko, Lawrence W.; and Turley, Bernard C., 4,510,033, Cl. 204-245.000.
  - Monks, Frank E., 4,530,230, Cl. 72-363.000.
  - Ormesher, Robert J., 4,491,474, Cl. 75-65.00R.
  - Ormesher, Robert J., 4,518,424, Cl. 75-65.00R.
  - Pearson, Alan; and The, Paul J., 4,519,989, Cl. 423-121.000.
  - Peterson, Richard W.; and Rolf, Richard L., 4,556,468, Cl. 204-243.00R.
  - Phelps, Frankie E.; Francis, Thomas L.; and LaCamera, Alfred F., 4,499,193, Cl. 501-98.000.
  - Phelps, Frankie E.; Boget, Paul J.; and Troup, Robert L., 4,511,666, Cl. 501-98.000.
  - Powers, John H.; and Remaley, Edward G., 4,521,463, Cl. 427-435.000.
  - Puda, Mark E., 4,531,392, Cl. 72-10.000.
  - Ramser, Robert A.; Booz, A. David; Barch, Daniel R.; and Cebulak, Walter S., 4,548,768, Cl. 264-12.000.
  - Ramsey, Everett M., 4,548,651, Cl. 134-11.000.
  - Rawlins, Charles B., 4,523,053, Cl. 174-42.000.
  - Schlesinger, Allen H.; Hudson, L. Keith; and Fish, William M., 4,530,699, Cl. 23-301.000.
  - Shabel, Barrie S., 4,530,235, Cl. 73-81.000.
  - Smith, William R., 4,539,725, Cl. 15-93.00A.
  - Stevenson, David T.; and Troup, Robert L., 4,491,472, Cl. 75-10.00R.
  - van Linden, Jan H. L.; and Whitehead, James S., 4,540,163, Cl. 266-201.000.
  - Voegel, Robert L., 4,540,474, Cl. 204-67.000.
  - Voegel, Robert L.; and Wright, Kenton B., 4,552,638, Cl. 204-286.000.
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  - Weyand, John D.; Woods, Robert W.; DeYoung, David H.; and Ray, Siba P., 4,500,406, Cl. 204-293.000.
  - Willis, W. C., 4,540,100, Cl. 215-252.000.
  - Wright, Kenton B., 4,530,659, Cl. 432-32.000.
  - Yu, Ho; and Ai, Daniel K., 4,527,612, Cl. 164-428.000.
  - Yu, Ho; and Ai, Daniel K., 4,550,767, Cl. 164-428.000.
  - Zuber, Chester L.; Butrum, Virgil T.; Gorss, Jeffrey B.; and Rydholm, Manford E., 4,491,475, Cl. 75-65.00R.
- Aluminum Metals, Inc.: *See—*
  - Carden, Lloyd E., 4,516,362, Cl. 52-75.000.
- Alusuisse Italia S.p.A.: *See—*
  - Suciu, George D.; Stefani, Giancarlo; and Fumagalli, Carlo, 4,510,258, Cl. 502-209.000.
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- Aluteck Co., Ltd.: *See—*
  - Kato, Chizuo, 4,535,022, Cl. 428-142.000.
- Alvarado, Alfredo. Surgical glove carton and trash receptacle. 4,515,270, 5-7-85, Cl. 206-438.000.
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- Alvarado, Jesse T.: *See—*
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- Alvarez, Donald E. Heat recuperator for a strip mill. 4,514,999, 5-7-85, Cl. 72-202.000.
- Alvarez, Ernest. Interchangably headed tool. 4,512,381, 4-23-85, Cl. 145-29.00R.
- Alvarez, Guillermo D. Apparatus for processing soil for planting. 4,494,611, 1-22-85, Cl. 172-32.000.
- Alvarez, Joseph A., III; Brennen, John F.; Krug, Robert W.; Gobioff, Bruce D.; and Shabe, John, to International Business Machines Corporation. Time domain multiple access broadcasting, multipoint, and conferencing communication apparatus and method. 4,507,781, 3-26-85, Cl. 370-104.000.
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Alvarez, Oscar E. Heat sealing machine for bonding battery covers and battery casings together. 4,525,923, 7-2-85, Cl. 29-730.000.
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Aly, Elsayed A., to FMC Corporation. Allylthiodiphenyl ether herbicides. 4,548,640, 10-22-85, Cl. 71-98.000.
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  Eckenhoff, James B.; Place, Virgil A.; and Peery, John R., 4,539,004, Cl. 604-131.000.
  Eckenhoff, James B.; Peery, John R.; and Landrau, Felix A., 4,552,561, Cl. 604-896.000.
  Edgren, David; Wong, Patrick S. L.; and Theeuwes, Felix, 4,503,030, Cl. 424-15.000.
  Edgren, David, 4,519,801, Cl. 604-892.000.
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  Peery, John R.; and Eckenhoff, James B., 4,505,702, Cl. 604-209.000.
  Peery, John R.; and Eckenhoff, James B., 4,522,622, Cl. 604-191.000.
  Theeuwes, Felix, 4,511,351, Cl. 604-56.000.
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  Wolfe, Allan M.; Davenport, James M.; Theeuwes, Felix; and Yum, Su I., 4,533,348, Cl. 604-85.000.
  Wong, Patrick S. L., 4,526,578, Cl. 604-892.000.
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  Kesselring, John P.; Kendall, Robert M.; and Krill, Wayne V., 4,519,770, Cl. 431-7.000.
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  Fogel, Arnold W.; and Zofchak, Albert, 4,537,762, Cl. 424-70.000.
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  Bialczak, Edward C.; and Chernovitz, John J., 4,495,269, Cl. 430-150.000.
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  Evans, Robert H.; Espersen, Charles H.; and Tsai, John W., 4,526,364, Cl. 271-272.000.
  Goodwin, Eber L.; and Zeigler, James E. L., 4,506,879, Cl. 271-238.000.
  Goodwin, Eber L.; and Zeigler, James E. L., 4,529,190, Cl. 271-213.000.
  Westdale, Virgil W.; Hanrahan, James L.; and Anderson, William C., 4,514,077, Cl. 355-3.0DD.
Amada Company, Limited: *See—*
  Ikeda, Hidekatsu, 4,507,997, Cl. 83-368.000.
  Jinnouchi, Katsumi, 4,532,845, Cl. 83-552.000.
  Miyama, Hidetoshi, 4,532,843, Cl. 83-409.000.
  Sakamoto, Katsuyoshi, 4,558,616, Cl. 83-399.000.
  Taguchi, Masayuki, 4,534,247, Cl. 83-13.000.
  Tobita, Chuo, 4,506,573, Cl. 83-153.000.
  Tokiwa, Toru, 4,557,168, Cl. 83-56.000.
  Tsutsumi, Akira, 4,520,261, Cl. 250-203.00R.
  Yamagata, Toshitaka, 4,539,459, Cl. 219-69.00W.
  Yoneda, Akiyoshi, 4,557,172, Cl. 83-848.000.
  Yonekura, Mikio, 4,510,570, Cl. 364-476.000.
Amada, Eiichi; Kuwahara, Hiroshi; Shirasu, Hirotoshi; Suzuki, Taihei; and Morita, Takashi, to Hitachi, Ltd. Time-division switching unit. 4,543,652, 9-24-85, Cl. 370-66.000.
Amada, Eiichi: *See—*
  Morikawa, Yuichi; Saito, Kazuo; Amada, Eiichi; and Shirasu, Hirotoshi, 4,558,185, Cl. 179-170.0NC.
Amada Engineering & Service Co., Inc.: *See—*
  Tsutsumi, Akira, 4,503,313, Cl. 219-121.0LG.
Amada, Nobutaka: *See—*
  Nishida, Masami; Nishimura, Keizo; Arai, Takao; and Amada, Nobutaka, 4,541,091, Cl. 371-39.000.
Amadio, Alex: *See—*
  Johnson, Clifford B., Jr.; Johnson, Barbara; Amadio, Alex; and Amadio, Williane, 4,511,358, Cl. 604-327.000.
Amadio, Williane: *See—*
  Johnson, Clifford B., Jr.; Johnson, Barbara; Amadio, Alex; and Amadio, Williane, 4,511,358, Cl. 604-327.000.
Amagai, Yoshimi: *See—*
  Tanaka, Koichi; Takayama, Hiroshi; Amagai, Yoshimi; Aonuma, Shigeo; and Fukase, Yasuji, 4,504,563, Cl. 430-109.000.
Amagasa, Nobutada, to Mitsubishi Denki Kabushiki Kaisha. Supervisory unit for rotary electrical machinery and apparatus. 4,492,999, 1-8-85, Cl. 361-21.000.
Amaike, Toshiyuki: *See—*
  Takagi, Hiroyoshi; Amaike, Toshiyuki; and Mizutani, Hikaru, 4,556,153, Cl. 220-334.000.
Amako, Shinji: *See—*
  Shinosaki, Akira; and Amako, Shinji, 4,527,411, Cl. 72-340.000.
Amalgamated Sugar Company, The: *See—*
  Schoenrock, Karlheinz W., 4,511,476, Cl. 210-678.000.
  Schoenrock, Karlheinz W. R.; Henscheid, Thomas H.; and Rounds, Hugh G., 4,501,814, Cl. 435-94.000.
Amamoto, Taro: *See—*
  Nakata, Kazuo; Ishikawa, Tsuneo; Amamoto, Taro; and Kawamura, Toshihiko, 4,560,544, Cl. 423-266.000.
Amana Refrigeration, Inc.: *See—*
  Alba, Donald; and Hawkes, Michael A., 4,539,819, Cl. 62-78.000.
  Bond, Ralph W., 4,524,588, Cl. 62-262.000.
  Bucksbaum, Arnold M.; and Simpson, James E., 4,511,779, Cl. 219-10.55E.
  Carlson, Roger W., 4,508,948, Cl. 219-10.55M.
  DeHaan, Robert; and Gisvold, Lee D., 4,494,598, Cl. 165-47.000.
  McCammon, Patrick R., 4,546,225, Cl. 219-10.55F.
  McCammon, Patrick R.; Blackburn, Louis W.; and Hershberger, Bernard J., 4,556,772, Cl. 219-10.55F.
  Pink, John J.; Prunty, Jeffrey L.; and Alba, Donald, 4,557,118, Cl. 62-382.000.
  Wyland, Alvin D.; Smith, Duaine W.; and Blackburn, Louis W., 4,521,658, Cl. 219-10.55B.
  Wyland, Alvin D., 4,525,615, Cl. 219-10.55M.
Amann, Markus: *See—*
  Thomann, Roland; and Amann, Markus, 4,515,498, Cl. 404-4.000.
  Thomann, Roland; and Amann, Markus, 4,553,874, Cl. 404-4.000.
Amann, Ulrich: *See—*
  Feirer, Egon; Amann, Ulrich; and Kuppinger, Gunter, 4,519,309, Cl. 100-229.00R.
  Hacker, Harald; Amann, Ulrich; Geisinger, Karl; and Engelhardt, Hans, 4,503,766, Cl. 100-207.000.
Amano Corporation: *See—*
  Iwasawa, Hiroshi; Numata, Masanori; and Mama, Shinichi, 4,516,138, Cl. 346-80.000.
Amano, Hidetoshi; Abe, Shinichi; Taura, Mitsuharu; and Mizuno, Toshiaki, to Toyota Jidosha Kabushiki Kaisha; and Nippondenso Co., Ltd. Method and apparatus for controlling fuel injection rate in internal combustion engine. 4,543,937, 10-1-85, Cl. 123-491.000.
Amano, Hidetoshi: *See—*
  Abe, Shinichi; Taura, Mitsuharu; Amano, Hidetoshi; and Mizuno, Toshiaki, 4,512,320, Cl. 123-492.000.
Amano, Hiroyuki; and Sakakibara, Naoji, to Aisin Seiki Kabushiki Kaisha. Electrical speed sensor. 4,504,756, 3-12-85, Cl. 310-168.000.

Amano, Hiroyuki: *See*—

Sakakibara, Naoji; Amano, Hiroyuki; Morioka, Hiroaki; and Kawata, Shoji, 4,559,864, Cl. 91-454.000.

Amano, Hisao: *See*—

Morita, Takayuki; Tsunekawa, Takahiko; and Amano, Hisao, 4,494,371, Cl. 57-263.000.

Amano, Itaru; and Fukumura, Seisuke, to Kabushiki Kaisha Kobe Seiko Sho. Mold opening and closing mechanism for a tire vulcanizer. 4,533,304, 8-6-85, Cl. 425-32.000.

Amano, Itaru: *See*—

Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, 4,548,564, Cl. 425-32.000.

Amano, Katutoshi; and Kakuta, Toshio, to Sony Corporation; and Hosiden Electronics Co., Ltd. Printed-circuit board connector. 4,509,811, 4-9-85, Cl. 339-17.00F.

Amano, Katutoshi; and Kakuta, Toshio, to Sony Corporation; and Hosiden Electronics Co., Ltd. Method for the manufacture of a printed-circuit board connector. 4,547,964, 10-22-85, Cl. 29-883.000.

Amano, Masahiro; Seino, Shunji; Nishiyama, Ryota; and Nozaki, Masaoki, to Mitsubishi Paper Mills, Ltd. Process for producing fibrous sheet. 4,519,873, 5-28-85, Cl. 162-138.000.

Amano, Masatoshi: *See*—

Honma, Ichiro; Koyama, Arata; Amano, Masatoshi; and Takumi, Nobusuke, 4,551,327, Cl. 423-594.000.

Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, to Hitachi, Ltd. Fuel injection control apparatus for internal combustion engine. 4,501,249, 2-26-85, Cl. 123-478.000.

Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, to Hitachi, Ltd. Method of fuel control in engine. 4,522,178, 6-11-85, Cl. 123-478.000.

Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, to Hitachi, Ltd. Method of controlling internal combustion engine. 4,523,284, 6-11-85, Cl. 364-431.120.

Amano, Matsuo: *See*—

Hirayama, Takeshi; Amano, Matsuo; Sasayama, Takao; and Baba, Shirou, 4,561,056, Cl. 364-431.050.

Sasayama, Takao; and Amano, Matsuo, 4,497,302, Cl. 123-489.000.

Amano, Naoki: *See*—

Fujiya, Sigeru; Tsubaki, Tohru; Amano, Naoki; Yaginuma, Kyuzi; Kayaba, Hitoshi; Aiko, Yoriyuki; and Takahashi, Takeshi, 4,503,481, Cl. 361-341.000.

Amano Pharmaceutical Co., Ltd.: *See*—

Kosaka, Akira; Murao, Sawao; Hirano, Kenichi; Tanaka, Noriaki; and Matsunaga, Kuniyoshi, 4,554,249, Cl. 435-10.000.

Yanaihara, Noboru; Sugiura, Nobuo; and Hiyama, Takashi, 4,517,180, Cl. 514-16.000.

Yanaihara, Noboru; Sugiura, Nobuo; and Kashimoto, Kazuhisa, 4,530,836, Cl. 514-16.000.

Amano Seiyaku Kabushiki Kaisha: *See*—

Yamada, Hideaki; Otsuji, Shogo; Isobe, Kimiyasu; Matsunaga, Kuniyoshi; and Inukai, Tadahiko, 4,550,078, Cl. 435-25.000.

Amano, Tadashi, to Konishiroku Photo Industry Co., Ltd. Image display system. 4,531,150, 7-23-85, Cl. 358-76.000.

Amano, Takehisa, to Nippon Gakki Seizo Kabushiki Kaisha. Automatic rhythm performing apparatus. 4,526,080, 7-2-85, Cl. 84-1.030.

Amano, Toshihiko: *See*—

Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.

Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, 4,499,249, Cl. 526-206.000.

Nakagawa, Tsuneo; Yamaguchi, Sadatsu; Amano, Toshihiko; and Asano, Kohzoh, 4,546,157, Cl. 526-247.000.

Amano, Toshio, to Sony Corporation. Controlling the operations of at least two devices. 4,519,002, 5-21-85, Cl. 358-335.000.

Amano, Toshio; and Kozakai, Daisuke, to Sony Corporation. Television receiver. 4,559,561, 12-17-85, Cl. 358-192.100.

Amano, Toshio: *See*—

Kozakai, Daisuke; Amano, Toshio; and Nagai, Kunio, 4,527,204, Cl. 360-33.100.

Amano, Yoshiaki: *See*—

Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.

Yokoyama, Eiji; Kaneko, Tadao; Amano, Yoshiaki; and Sugimoto, Shigeo, 4,554,223, Cl. 429-20.000.

Amano, Yoshifumi, to Sony Corporation. Flat panel display apparatus. 4,516,053, 5-7-85, Cl. 313-584.000.

Amano, Yoshifumi, to Sony Corporation. Plasma display panel. 4,562,434, 12-31-85, Cl. 340-775.000.

Amano, Yoshikazu: *See*—

Katsuyama, Harumi; Amano, Yoshikazu; and Kondo, Asaji, 4,503,145, Cl. 435-16.000.

Amano, Yoshinori: *See*—

Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; Tsuji, Shiro; Kihara, Nobuyoshi; and Amano, Yoshinori, 4,544,962, Cl. 360-40.000.

Amara, Susan G.: *See*—

Evans, Ronald M.; Swanson, Larry; Vale, Wylie W., Jr.; Rosenfeld, Michael G.; Amara, Susan G.; Brown, Marvin R.; and Rivier, Jean E. F., 4,530,838, Cl. 514-11.000.

Amaral, Joseph E. S.: *See*—

Blatter, Harold; and Amaral, Joseph E. S., 4,544,923, Cl. 340-825.690.

Amarasinghe, Disamodha C. Suturing assembly and method. 4,553,543, 11-19-85, Cl. 128-334.00R.

Amariti, Luigi; and Santos, Llandro C., to Richardson Graphics Company. Articles having stabilized photosensitive diazo resin layer. 4,499,170, 2-12-85, Cl. 430-169.000.

Amasek, Inc.: *See*—

Stewart, E. Allen; and Keesling, Evan L., 4,520,616, Cl. 56-9.000.

Amata, Mario A., to Lincoln Electric Company, The. Tubular welding electrode. 4,551,610, 11-5-85, Cl. 219-146.300.

Amateau, Maurice F.; and Karasek, Keith R., to International Harvester Company. Graphite-metal matrix bearings and methods of manufacturing. 4,508,158, 4-2-85, Cl. 164-110.000.

Amato, Joseph S.; Weinstock, Leonard M.; and Karady, Sandor, to Merck & Co., Inc. Process for preparation of alpha-alkyl amino acids. 4,508,921, 4-2-85, Cl. 562-443.000.

Amato, Joseph S.; Karady, Sandor; and Weinstock, Leonard M., to Merck & Co., Inc. Silyl, benzyl, p-nitrobenyl, or methyl esters of diazoacetate, a synthon used in the conversion of penicillin to thienamycin. 4,525,582, 6-25-85, Cl. 534-558.000.

Amato, Phillip S.: *See*—

Linehan, Joseph J.; and Amato, Phillip S., 4,506,622, Cl. 114-230.000.

Amax Inc.: *See*—

Beckstead, Leo W.; Havelick, Linn D.; and Hogsett, Robert F., 4,551,314, Cl. 423-54.000.

Bond, Armand P.; Poznansky, Abraham; and Grobner, Paul J., 4,500,351, Cl. 75-128.00N.

Bowersox, Bruce V.; and Shepherd, Thomas I., 4,512,430, Cl. 177-163.000.

Carpenter, Kent H.; and Laferty, John M., 4,504,461, Cl. 423-593.000.

Carpenter, Kent H.; Whorley, Gerald E., deceased; and Lennard, Thomas W., 4,547,220, Cl. 75-84.000.

Chou, Eddie C.; Wiegers, Ben W.; Huggins, Dale K.; and Wiewiorowski, Edward I., 4,544,541, Cl. 423-508.000.

Chou, Eddie C. J.; and Cooperrider, Mark W., 4,545,814, Cl. 75-0.5AA.

Crnojevich, Ranko; Wiewiorowski, Edward I.; and Yu, Peter H., 4,497,659, Cl. 75-109.000.

Duyvesteyn, Willem P. C.; and Hogsett, Robert F., 4,552,629, Cl. 204-55.00R.

Grobner, Paul J.; Bond, Armand P.; and Poznansky, Abraham, 4,547,338, Cl. 420-584.000.

Hodges, Donald R.; and Sherwood, William G., 4,517,058, Cl. 204-4.000.

Kramer, Marcy J.; Warneke, William C.; Meyer, Gustavo A.; and Jha, Mahesh C., 4,497,779, Cl. 423-72.000.

Lussiez, Guy W.; and Ames, Lauren B., 4,547,347, Cl. 423-141.000.

Lussiez, Guy W.; Duterque, Jean-Paul; and Polkinghorn, Thomas W., 4,547,348, Cl. 423-150.000.

McHugh, Larry F.; and Barchers, Daniel E., 4,523,948, Cl. 75-7.000.

McHugh, Lawrence F.; Huggins, Dale K.; Hepworth, Malcolm T.; and Laferty, John M., 4,552,749, Cl. 423-606.000.

Neelameggham, Ramaswami; Priscu, John C.; and Toomey, Robert D., 4,510,029, Cl. 204-130.000.

Neelameggham, Ramaswami; and Priscu, John C., 4,533,442, Cl. 204-68.000.

Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,533,572, Cl. 427-216.000.

Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,541,867, Cl. 75-58.000.

Sabacky, Bruce J.; and Hepworth, Malcolm T., 4,551,313, Cl. 423-59.000.

Sabacky, Bruce J.; and Hepworth, Malcolm T., 4,555,387, Cl. 423-59.000.

Sebenik, Roger F.; LaValle, Pablo P.; Laferty, John M.; and May, William A., 4,495,157, Cl. 423-54.000.

Sebenik, Roger F.; Baker, Jerry D.; and Laferty, John M., 4,547,345, Cl. 423-53.000.

Smit, Francis J., 4,529,506, Cl. 209-13.000.

Sponseller, David L.; and Straatmann, John A., 4,533,405, Cl. 148-36.000.

Voelker, Dennis E.; Beckstead, Leo W.; and Hogsett, Robert F., 4,504,448, Cl. 423-54.000.

Wicker, Gordon R., 4,493,157, Cl. 34-10.000.

Amazonen-Werke H. Dreyer: *See*—

Grosse-Scharmann, Franz, 4,520,874, Cl. 172-49.500.

AMB Systems Corp.: *See*—

Silman, Robert E., 4,521,512, Cl. 435-35.000.

Silman, Robert E., 4,526,865, Cl. 435-35.000.

AMB Technology, Inc.: *See*—

Kurzinski, Cass R., 4,494,594, Cl. 164-443.000.

AMBAC Industries, Incorporated: *See*—

DiDomenico, Robert A., 4,526,154, Cl. 123-502.000.

Perach, Asi, 4,538,645, Cl. 137-625.650.

Voss, James R., 4,502,437, Cl. 123-357.000.

Amber Electro Design, Inc.: *See*—

Meitner, Edmund M.; and Burman, Howard, 4,547,819, Cl. 360-65.000.

Amberger, Charles J.; and Lingscheit, James N., to Ford Motor Company. Coated glass article as a new article of manufacture. 4,546,050, 10-8-85, Cl. 428-630.000.

- Ambic Equipment Limited: *See—*
  - Marshall, Barry R.; and Knight, Paul A., 4,493,619, Cl. 417-307.000.
- Ambient Energy Design: *See—*
  - Archer, John, 4,550,759, Cl. 160-176.00R.
- Ambike, Suhas: *See—*
  - Ng, Tai-Wing; Wright, Arthur P. G.; Blaser, Eric; and Ambike, Suhas, 4,495,087, Cl. 252-315.700.
- Ambike, Suhas H.; Grewal, Narinder S.; and Blaser, Eric, to Warner-Lambert Company. Dental hygiene compositions. 4,545,979, 10-8-85, Cl. 424-52.000.
- Ambike, Suhas H.; Grewal, Narinder S.; and Blaser, Eric, to Warner-Lambert Company. Dental hygiene compositions. 4,550,018, 10-29-85, Cl. 424-52.000.
- Ambler, Frank E.: *See—*
  - Balser, Martin; and Ambler, Frank E., 4,558,594, Cl. 73-189.000.
- Ambler, Kenneth: *See—*
  - Denton, Anthony D., 4,520,262, Cl. 250-221.000.
- Ambler, Michael R.; Lattime, Richard R.; and Wanca, Edward, to Goodyear Tire & Rubber Company, The. Binder for chemical agents. 4,539,346, 9-3-85, Cl. 523-332.000.
- Amboss, Kurt, to Hughes Aircraft Company. Dual-mode electron gun with improved shadow grid arrangement. 4,553,064, 11-12-85, Cl. 313-448.000.
- Ambroise, Modeste; Demange, Michel; Lebizay, Gerald; Munier, Jean-Marie; and Peyronnenc, Michel H. P., to International Business Machines Corporation. Synchronization system for a closed-loop multiplex communication network. 4,539,678, 9-3-85, Cl. 370-86.000.
- Ambros, Peter; and Gatzke, Erich, to Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co. Bonding assistant for a support material. 4,555,533, 11-26-85, Cl. 523-440.000.
- Ambrose, Albert R.; and Fancett, Scott F., to Cooper Industries, Inc. Oscillating axle override system. 4,512,589, 4-23-85, Cl. 280-6.00R.
- Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., to Inco Limited. Manufacturing of titanium anode substrates. 4,534,935, 8-13-85, Cl. 419-23.000.
- Ambrose, Richard J.: *See—*
  - Hergenrother, William L.; Matlock, Mark G.; and Ambrose, Richard J., 4,508,874, Cl. 525-285.000.
  - Hsich, Henry S. Y.; and Ambrose, Richard J., 4,551,807, Cl. 364-473.000.
- Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; Eslinger, Delano R.; and Porter, Samuel, Jr., to PPG Industries, Inc. Thermosetting high solids solvent-based polyester polyol coating compositions. 4,535,132, 8-13-85, Cl. 525-443.000.
- Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., to PPG Industries, Inc. High solids polyester polyols and resinous polyols thereof. 4,540,771, 9-10-85, Cl. 528-272.000.
- Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., to PPG Industries, Inc. High solids polyurethane polyols and coating compositions thereof. 4,543,405, 9-24-85, Cl. 528-78.000.
- Ambrose, Ronald R.: *See—*
  - Chang, Wen-Hsuan; Ambrose, Ronald R.; McKeough, David T.; Porter, Samuel, Jr.; and Eslinger, Delano R., 4,540,766, Cl. 528-45.000.
  - Chang, Wen-Hsuan; and Ambrose, Ronald R., 4,548,998, Cl. 525-441.000.
- Ambrosi, Dominique; and Francois, de Reinach Hirtzbach, to Rhone-Poulenc Agrochimie. Herbicidal dihydropyridine amides. 4,556,414, 12-3-85, Cl. 71-94.000.
- Ambrosi, Dominique: *See—*
  - de Reinach Hirtzbach, Francois; and Ambrosi, Dominique, 4,493,729, Cl. 71-94.000.
- Ambrosius, William, III: *See—*
  - Chung, Randall; and Ambrosius, William, III, 4,550,391, Cl. 365-233.000.
- Ambrosius, William H., III; and Chung, Randall. Addressable buffer circuit with address incrementer independently clocked by host computer and external storage device controller. 4,527,233, 7-2-85, Cl. 364-200.000.
- Ambrosius, William H., III; and Rossean, Larry D., to Western Digital Corporation. Chip topography for MOS Data Encryption Standard circuit. 4,543,646, 9-24-85, Cl. 364-900.000.
- Ambruster, Jeanne B.: *See—*
  - Scantlebury, Todd V.; Ambruster, Jeanne B.; Bolton, Carl W.; Campbell, Stephen E.; and Green, La Thaggar, III, 4,531,916, Cl. 433-173.000.
- Ambs, William J.: *See—*
  - Sircar, Shivaji; Ambs, William J.; and Conrad, Roger R., 4,529,416, Cl. 55-68.000.
  - Sircar, Shivaji; Conrad, Roger R.; and Ambs, William J., 4,557,736, Cl. 55-62.000.
- Amburn, Raymond D. Method and apparatus for killing earth-burrowing insects. 4,546,563, 10-15-85, Cl. 42-1.00R.
- AMCA International Corporation: *See—*
  - Brewer, Bruce L., 4,502,527, Cl. 164-418.000.
  - Larson, Michael E., 4,524,326, Cl. 328-14.000.
  - Olig, Eugene A.; and Ladwig, Lee R., 4,509,126, Cl. 364-474.000.
  - Olig, Eugene A.; and Ladwig, Lee R., 4,547,847, Cl. 364-148.000.
  - Wallace, Gary L.; and Kasper, Frank S., 4,552,048, Cl. 83-23.000.
  - Weingart, Brooks E., 4,492,310, Cl. 212-191.000.
- Amchem Products: *See—*
  - Anderson, James D.; and Seigle, Sandra K., 4,541,945, Cl. 252-149.000.
- Amchem Products, Inc.: *See—*
  - Ahmed, Bashir M., 4,562,098, Cl. 427-341.000.
  - Hall, Wilbur S., 4,554,305, Cl. 524-321.000.
  - Kelly, Timm L., 4,540,444, Cl. 134-3.000.
  - Koch, Robert W., 4,518,518, Cl. 252-142.000.
  - Plante, Stuart E.; and Hess, Susan V., 4,517,025, Cl. 134-38.000
  - Smith, Timothy J. C.; Geke, Jurgen; and Cooper, Robert Q., 4,540,442, Cl. 134-2.000.
  - Vashi, Devendra C., 4,497,667, Cl. 148-6.15R.
  - Williamson, Stanley C., 4,493,782, Cl. 252-95.000.
  - Williamson, Stanley C., 4,559,088, Cl. 148-6.15R.
- Amco Corporation: *See—*
  - Bentson, Wade A., 4,494,453, Cl. 99-353.000.
  - Bentson, Wade A., 4,535,688, Cl. 99-353.000.
  - Ettlinger, Ralph; and Biela, John A., 4,527,743, Cl. 239-530.000.
- Amcodyne Incorporated: *See—*
  - Anderson, Kurt M.; and Morehouse, James H., 4,535,374, Cl. 360-103.000.
  - Savanella, Richard V., 4,530,022, Cl. 360-97.000.
- AMCOR Ltd.: *See—*
  - Movshovitz, Avner; and Ityel, Amos, 4,517,808, Cl. 62-160.000.
  - Wachsman, Mordechai, 4,493,247, Cl. 98-1.000.
  - Yavnieli, Mordechai, 4,490,937, Cl. 43-112.000.
- Amdahl Corporation: *See—*
  - Amdahl, Gene M.; Hanson, Donald L.; Kreuzenstein, Ronald K.; Roshon-Larsen, Gwynne L.; and Woffinden, Gary A., 4,551,797, Cl. 364-200.000.
  - Doran, Robert W., 4,503,512, Cl. 364-761.000.
  - Sebesta, Edward H., 4,497,684, Cl. 156-643.000.
  - Tang, Ching-Chiang, 4,547,794, Cl. 357-70.000.
  - Ziv, Pinhas; and Ng, Yiu-Keung, 4,513,370, Cl. 364-200.000.
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  - Boccaletti, Pietro, 4,516,503, Cl. 104-3.000.
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  - Chmela, Andrew, 4,517,433, Cl. 219-75.000.
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- Amemiya, Shigeo: *See—*
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- Amemiya, Shin-ichi, to Fujitsu Limited. Ultrasonic pulse Doppler blood flow meter. 4,541,437, 9-17-85, Cl. 128-663.000.
- Amemiya, Shinichi: *See—*
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  - Ebben, Gerald J., 4,535,615, Cl. 72-39.000.
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  - Takeda, Hisao; and Taniguchi, Yasunori, 4,525,527, Cl. 524-831.000.
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American Filtrona Corporation: *See—*

Berger, Richard M., 4,499,912, Cl. 131-336.000.

Berger, Richard M., 4,507,107, Cl. 493-44.000.

Berger, Richard M., 4,508,525, Cl. 493-43.000.

Berger, Richard M., 4,552,158, Cl. 131-94.000.

American Flange & Manufacturing Co. Inc.: *See—*

Dwinell, Davis B., 4,520,942, Cl. 220-257.000.

American Gaming Industries, Inc.: *See—*

Samsel, J. Edward, Jr., 4,513,969, Cl. 273-149.00R.

American Genetics International, Inc.: *See—*

Seely, Robert J., 4,529,701, Cl. 435-244.000.

American Greetings Corporation: *See—*

Munro, Joan C., 4,505,687, Cl. 446-368.000.

Thomas, John J., 4,504,240, Cl. 446-100.000.

American Hoechst Corporation: *See—*

Bentley, Trisha; Walls, John E.; and Dhillon, Major S., 4,554,236, Cl. 430-157.000.

Bode, Albert; Chambers, Thomas V.; Hahnke, Manfred; and Kretzschmar, Wolfgang, 4,548,613, Cl. 8-638.000.

Bower, J. David, 4,544,694, Cl. 524-385.000.

Caines, R. Scott, 4,515,863, Cl. 428-480.000.

Caines, R. Scott, 4,522,670, Cl. 156-220.000.

Caines, R. Scott, 4,554,200, Cl. 428-207.000.

Caines, R. Scott, 4,557,963, Cl. 428-156.000.

Dhillon, Major S., 4,504,406, Cl. 252-143.000.

Duyal, Tulay; and Walls, John E., 4,539,285, Cl. 430-157.000.

Funderburk, F. Gene; Culbertson, E. C.; and Posey, Robert G., 4,493,872, Cl. 428-332.000.

Kelly, Michael G., 4,500,438, Cl. 252-8.750.

Kelly, Michael G., 4,534,770, Cl. 8-115.600.

Kelly, Michael G.; and Covill, James H., 4,550,189, Cl. 560-044.000.

Knopf, William H., 4,517,145, Cl. 264-40.200.

Liu, Shuchen, 4,511,640, Cl. 430-157.000.

Metzner, Ernest K., 4,546,203, Cl. 562-538.000.

Neumann, Eberhard H., 4,519,975, Cl. 264-526.000.

Pampalone, Thomas R., 4,550,069, Cl. 430-165.000.

  - Posey, Robert G.; and Culbertson, Edwin C., 4,525,419, Cl. 428-336.000.
  - Walls, John E., 4,502,925, Cl. 204-33.000.
  - Walls, John E.; Dhillon, Major S.; and Bentley, Trisha, 4,533,619, Cl. 430-157.000.
  - Walls, John E.; and Dunder, Thomas A., 4,533,620, Cl. 430-157.000.
- American Home Products Corporation: *See—*
  - Abou-Gharbia, Magid A., 4,546,186, Cl. 546-167.000.
  - Abou-Gharbia, Magid A.; Freed, Meier E.; and Colatsky, Thomas J., 4,546,193, Cl. 548-448.000.
  - Abraham, Nedumparambil A.; and Demerson, Christopher A., 4,501,899, Cl. 548-432.000.
  - Abraham, Nedumparambil A.; and Demerson, Christopher A., 4,520,203, Cl. 548-432.000.
  - Anderson, Donald G.; and Ferrara-Jordan, Elisa M., 4,513,294, Cl. 346-33.0ME.
  - Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., 4,521,606, Cl. 548-503.000.
  - Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., 4,562,200, Cl. 514-415.000.
  - Bagli, Jehan F., 4,505,910, Cl. 514-26.000.
  - Bagli, Jehan F., 4,507,304, Cl. 514-269.000.
  - Bagli, Jehan F.; Bogri, Tibor; Palameta, Bozidar; and Borella, Luis E., 4,542,140, Cl. 514-332.000.
  - Bellini, Francesco; and Bagli, Jehan F., 4,547,516, Cl. 514-385.000.
  - Buzby, George C., Jr., 4,520,205, Cl. 548-491.000.
  - Buzby, George C., Jr., 4,539,426, Cl. 564-92.000.
  - Buzby, George C., Jr.; and Schouten, Henry G., 4,559,178, Cl. 260-455.00R.
  - Commons, Thomas J.; and Potoski, John R., 4,526,977, Cl. 548-246.000.
  - Cound, Cary D., 4,526,097, Cl. 100-215.000.
  - Demerson, Christopher A.; and Humber, Leslie G., 4,515,961, Cl. 548-432.000.
  - Demerson, Christopher A.; and Humber, Leslie G., 4,544,757, Cl. 548-432.000.
  - DeYoung, Joyce L., 4,554,164, Cl. 514-649.000.
  - Failli, Amedeo; and Borella, Luis, 4,529,731, Cl. 514-326.000.
  - Freed, Meier E.; and Abou-Gharbia, Magid A., 4,540,806, Cl. 560-139.000.
  - Freed, Meier E.; and Abou-Gharbia, Magid A., 4,562,255, Cl. 544-357.000.
  - Green, Lorrence H.; and Roberts, John W., 4,554,248, Cl. 435-7.000.
  - Greenspan, George, 4,551,429, Cl. 435-68.000.
  - Guinosso, Charles J., 4,535,168, Cl. 548-402.000.
  - Husbands, G. E. Morris; Yardley, John P.; and Muth, Eric A., 4,535,186, Cl. 564-336.000.
  - Kallai-Sanfacon, Mary-Ann, 4,492,706, Cl. 424-270.000.
  - Klaubert, Dieter H.; Bell, Stanley C.; Pattison, Thomas W.; and Rees, Richard W., 4,495,101, Cl. 260-239.30T.
  - Klaubert, Dieter H.; and Bell, Stanley C., 4,504,660, Cl. 544-163.000.
  - Klaubert, Dieter H.; and Sellstedt, John H., 4,526,978, Cl. 548-251.000.
  - Martel, Rene, 4,533,551, Cl. 514-411.000.
  - McCaully, Ronald J.; and Kim, Dong H., 4,506,077, Cl. 548-402.000.
  - Musser, John H.; and Kees, Kenneth L., 4,528,392, Cl. 560-43.000.
  - Musser, John H.; and Tio, Cesario O., 4,550,172, Cl. 548-180.000.
  - Musser, John H., 4,554,355, Cl. 548-180.000.
  - Santroch, George; and Jirkovsky, Ivo, 4,515,949, Cl. 544-343.000.
  - Sarantakis, Dimitrios, 4,492,651, Cl. 260-112.50S.
  - Schouten, Henry G., 4,500,738, Cl. 568-433.000.
  - Scotese, Anthony C.; Morris, Robert L.; Santilli, Arthur A.; and Strike, Donald P., 4,537,968, Cl. 546-209.000.
  - Stack, Gary P.; and Moyer, John A., 4,539,407, Cl. 546-87.000.
  - Sulkowski, Theodore S.; Silver, Paul J.; Mascitti, Albert A.; and Bender, Reinhold H. W., 4,551,534, Cl. 546-123.000.
  - Wei, Peter H. L., 4,520,196, Cl. 544-285.000.
  - Wei, Peter H. L.; and Carlson, Richard P., 4,551,538, Cl. 548-367.000.
- American Home Products Corporation (Del.): *See—*
  - Epstein, Paul; Ballas, John S., Jr.; Mandler, John J., Jr.; and Van Horn, Joseph M., 4,519,396, Cl. 128-698.000.
  - Flanagan, Eugene L., III, 4,520,830, Cl. 128-660.000.
  - Foldvari, Tibor L.; Boucher, Donald R.; and Flanagan, Eugene L., III, 4,533,926, Cl. 346-136.000.
  - Hon, Edward H., 4,541,439, Cl. 128-691.000.
  - Jones, Flave L.; and Kelly, Mark L., 4,513,295, Cl. 346-33.0ME.
  - Phillipps, Patrick G.; and Schenkel, Jeffrey, 4,537,196, Cl. 128-630.000.
- American Hospital Supply Corporation: *See—*
  - Arrhenius, Gustaf O.; Goldstein, Michael L., and Moore, Candace X., 4,503,838, Cl. 126-263.000.
  - Auth, David C.; Opie, Eric A.; and Lawrence, Dale M., 4,532,924, Cl. 128-303.170.
  - Bootman, Matthew W.; Schillke, Peter; and Laguette, Stephen W., 4,493,701, Cl. 604-73.000.
  - Bootman, Matthew W.; and Yamamoto, Ronald K., 4,543,088, Cl. 604-93.000.
  - Borsanyi, Alexander S.; and Bobo, Donald E., 4,493,706, Cl. 604-153.000.
  - Butterworth, George A. M.; Evans, William M.; and Goldner, Howard J., 4,553,669, Cl. 206-439.000.
  - DeVroom, William A., 4,515,278, Cl. 211-107.000.
  - Dormandy, Ray H., Jr.; and Coe, Frederick L., 4,544,371, Cl. 604-891.000.
  - Eckert, John F., 4,528,161, Cl. 422-100.000.
  - Erhardt, Paul W.; and Woo, Chi, 4,556,668, Cl. 514-353.000.
  - Giegel, Joseph L.; and Brotherton, Mary M., 4,517,288, Cl. 435-7.000.
  - Grossmann, Frederic; and Sims, Larry A., 4,545,371, Cl. 128-132.00D.
  - Haduch, Paul R.; and Rega, Anthony, 4,530,568, Cl. 350-96.260.
  - Herbst, Walter B., 4,533,061, Cl. 220-4.00B.
  - Ivengar, Mike; and Gallagher, Gail, 4,530,344, Cl. 126-246.000.
  - Lane, Ernest, 4,501,030, Cl. 3-1.500.
  - Liston, Max D., 4,528,159, Cl. 422-65.000.
  - Mai, Khuong H. X.; and Patil, Ghanshyam, 4,551,526, Cl. 544-163.000.
  - Mai, Khuong H. X.; and Patil, Ghanshyam, 4,551,537, Cl. 546-330.000.
  - Matier, William L.; and Kam, Sheung-Tsam, 4,501,912, Cl. 560-66.000.
  - Matier, William L.; Erhardt, Paul W.; and Patil, Ghanshyam, 4,508,725, Cl. 514-362.000.
  - Matier, William L., 4,559,359, Cl. 514-522.000.
  - McCord, Kenneth R.; Bullock, James K.; Gille, Henrick K.; and Gilroy, Keith, 4,539,998, Cl. 128-675.000.
  - Newman, Howard F., 4,546,859, Cl. 188-67.000.
  - Pike, Kelly, 4,539,849, Cl. 73-715.000.
  - Redmond, Russell J.; and Ash, Jessica B., 4,500,311, Cl. 604-246.000.
  - Roman, Daniel P., Jr.; and Fruitstone, Mitchell J., 4,540,565, Cl. 424-11.000.
  - Roy, Rob J., 4,542,748, Cl. 128-713.000.
  - Schober, Robert C., 4,557,266, Cl. 128-419.0PG.
  - Stout, David M.; and Yamamoto, Diane M., 4,532,250, Cl. 514-341.000.
  - Stout, David M.; Yamamoto, Diane M.; and Barcelon-Yang, Cynthia, 4,555,517, Cl. 514-336.000.
  - Stout, David M.; and Matier, William L., 4,562,201, Cl. 514-422.000.
  - Sullivan, Michael D.; Murtfeldt, Robert L.; and Yelsey, Arthur R., 4,497,324, Cl. 128-736.000.
  - Swaniger, James R.; and Goth, Paul R., 4,520,824, Cl. 128-395.000.
  - Wada, Takashi; Wada, Masaru; and Matsu, Toshi, 4,505,252, Cl. 126-246.000.
  - Watson, Susan S.; and Watson, William K. R., 4,533,483, Cl. 252-70.000.
  - Wyatt, Philip W.; Newsome, Allen L., Jr.; Bloom, William G.; Siegel, Bernard; and Lubov, Michael, 4,508,123, Cl. 128-692.000.
  - Young, Harvey T., 4,553,963, Cl. 604-246.000.
  - Zegers de Beyl, Rene H.; and Coble, Stephen J., 4,551,133, Cl. 604-66.000.
- American Industrial Research, Inc.: *See—*
  - Wegener, Jack; and Johnson, Raynor A., 4,528,704, Cl. 5-81.00R.
- American Industries, Inc.: *See—*
  - Baker, Ronald D., 4,531,179, Cl. 362-371.000.
- American K-9 Container Corporation: *See—*
  - May, Gary A., 4 [illegible] 728, Cl. 119-19.000.
- American Ka-ro Corporation: *See—*
  - Schurmann, Heiner J., 4,523,677, Cl. 206-158.000.
- American Laser Corporation: *See—*
  - McMahan, William H.; and Holtman, Steve H., 4,504,951, Cl. 372-38.000.
- American Lecithin Company: *See—*
  - Kronstein, Max; and Eichberg, Joseph, 4,520,153, Cl. 524-145.000.
- American Locker Security Systems, Inc.: *See—*
  - Stackhouse, Wells F., 4,513,851, Cl. 194-51.000.
  - Stackhouse, Wells F., 4,557,365, Cl. 194-1.00G.
- American Magnetics Corporation: *See—*
  - Baus, Rene; and Schmidt, Fred W., 4,514,623, Cl. 235-482.000.
- American Maize-Products Company: *See—*
  - DeBoer, Edward D.; and Yahl, Kenneth R., 4,552,564, Cl. 8-115.600.
  - Samuel, Raj K.; Kozlowski, Ronald J.; and Pustek, Frank J., 4,549,909, Cl. 127-33.000.
  - Smolka, George E.; and Alexander, Richard J., 4,562,086, Cl. 426-578.000.
- American Manufacturing Company, Inc.: *See—*
  - Houpt, Grover K.; and Kayros, Richard, 4,561,320, Cl. 74-128.000.
  - Leavitt, John P., Jr., 4,527,938, Cl. 414-280.000.
- American Maplan Corporation: *See—*
  - Hanslik, Wilhelm, 4,541,270, Cl. 73-56.000.
  - Ratheiser, Heinz, 4,509,907, Cl. 425-197.000.
- American Microsystems, Inc.: *See—*
  - Amir, Gideon; and Gregorian, Roubik, 4,521,907, Cl. 381-47.000.
  - Batra, Tarsaim, 4,513,494, Cl. 29-576.00B.
  - Batra, Tarsaim L., 4,517,729, Cl. 29-571.000.
  - Gregorian, Roubik; and Wegner, Glenn, 4,541,103, Cl. 375-32.000.
  - Gregorian, Roubik; and Fotouhi, Bahram, 4,555,668, Cl. 330-9.000.
  - Haque, Yusuf; and Ofner, Erwin, 4,533,876, Cl. 330-253.000.
  - Haque, Yusuf A., 4,540,949, Cl. 330-85.000.
  - Haque, Yusuf A., 4,554,508, Cl. 329-101.000.
  - Whitaker, Sterling R., 4,541,067, Cl. 364-716.000.
- American Monitor Corporation: *See—*
  - Beaty, Larry E.; and Lanham, Steven M., 4,511,651, Cl. 435-15.000.
  - Starr, Maurice, 4,503,012, Cl. 422-100.000.
  - Stephens, Thomas W., 4,529,708, Cl. 436-98.000.

- American Motors (Canada) Inc.: *See—*
  - Bostater, Joseph A.; MacGregor, Angus J.; and Gesicki, Aaron A., 4,493,359, Cl. 164-58.100.
- American Motors Corporation: *See—*
  - Stromberg, Clinton V., 4,561,323, Cl. 74-493.000.
- American Multimedia, Inc.: *See—*
  - Clark, Richard L., 4,502,904, Cl. 156-157.000.
  - Farrow, Robert I.; and Clark, Richard L., 4,551,190, Cl. 156-159.000.
- American National Bank, executor, The: *See—*
  - Pirson, Sylvain J.; and American National Bank, executor, The, 4,491,179, Cl. 166-257.000.
- American National Red Cross: *See—*
  - Fahy, Gregory M., 4,559,298, Cl. 435-1.000.
  - Friedman, Leonard I., 4,557,717, Cl. 494-10.000.
- American Newspaper Publishers Association: *See—*
  - Moynihan, John T., 4,519,841, Cl. 106-27.000.
  - Moynihan, John T., 4,554,019, Cl. 106-27.000.
- American Optical Corporation: *See—*
  - Davignon, Paul A.; and Duclos, Michael G., 4,505,487, Cl. 279-1.00S.
  - Grendol, Clark L., 4,540,534, C. [illegible]4-2.200.
  - Jones, John A., 4,530,706, Cl. 55-275.000.
  - Winthrop, John T., 4,514,061, Cl. 351-169.000.
- American Orthodontics Corporation: *See—*
  - Garton, Robert E., Jr.; and Viglietti, John E., 4,536,154, Cl. 433-8.000.
- American Pecco Corporation: *See—*
  - ten Broeke, Klaas E.; and Kohler, Manfred R., 4,524,874, Cl. 212-197.000.
- American Petro Mart, Inc.: *See—*
  - Hedrick, Harold N.; and Whitney, Solon G., 4,493,907, Cl. 521-26.000.
- American Plasticraft Company: *See—*
  - Simovits, Stephen S., Jr., 4,492,950, Cl. 338-162.000.
- American Polywater Corporation: *See—*
  - Jonnes, Nelson, 4,522,733, Cl. 252-49.300.
- American Precision Industries, Inc.: *See—*
  - Stachura, Victor J., 4,548,260, Cl. 165-78.000.
- American Public Power Association: *See—*
  - Fryszczyn, Bogdan; Bahder, George, deceased; and Bahder, Alice, legal representative, 4,545,133, Cl. 34-21.000.
- American Pulverizer Company: *See—*
  - Lyston, Edgar L., 4,533,088, Cl. 241-186.300.
- American Radionic Co., Inc.: *See—*
  - Stockman, Robert M., 4,558,394, Cl. 361-306.000.
- American Robot Corporation: *See—*
  - Gorman, Robert H., 4,552,505, Cl. 414-735.000.
- American Roller Company: *See—*
  - Brands, George B.; and Hyllberg, Bruce E., 4,513,660, Cl. 101-1.000.
  - Hyllberg, Bruce E.; and Brands, George B., 4,493,256, Cl. 101-216.000.
- American Safety Closure Corp.: *See—*
  - Conti, Vincent N., 4,534,479, Cl. 215-252.000.
  - Conti, Vincent N., 4,555,039, Cl. 215-252.000.
- American Safety Equipment Corporation: *See—*
  - Ahad, Munir J., 4,506,912, Cl. 280-803.000.
  - Hayden, Richard; and Neumann, Fred F., 4,530,540, Cl. 297-341.000.
  - Stamboulian, Nazareth, 4,492,349, Cl. 242-107.40A.
  - Ziv, Avraham; and Tanaka, Akira, 4,492,348, Cl. 242-107.200.
  - Ziv, Avraham, 4,544,112, Cl. 242-107.200.
- American Saw & Mfg. Company: *See—*
  - Howard, L. Brewster, 4,546,682, Cl. 83-13.000.
- American Science and Engineering, Inc.: *See—*
  - Annis, Martin, 4,503,332, Cl. 250-366.000.
  - Bjorkholm, Paul J., 4,511,799, Cl. 250-367.000.
- American Screen Printing Equipment Company: *See—*
  - Bubley, Henry J., 4,512,563, Cl. 271-85.000.
  - Bubley, Henry J., 4,524,687, Cl. 101-123.000.
  - Bubley, Henry J., 4,537,126, Cl. 101-123.000.
  - Lala, Louis A.; and Frenchy, James H., 4,535,549, Cl. 34-4.000.
- American Seating Company: *See—*
  - Lewis, Robert E., 4,518,199, Cl. 297-248.000.
  - McMains, Kevin W.; and Wilkerson, Larry A., 4,527,832, Cl. 297-355.000.
  - Walworth, Robert S.; Hinshaw, Jay; and LaBotz, Arnold H., 4,557,080, Cl. 52-9.000.
  - Wilkerson, Larry A., 4,549,763, Cl. 297-183.000.
- American Security Fence Company: *See—*
  - Boggs, William G.; VanDenburgh, David S.; and Valdez, Gabriel A., 4,509,726, Cl. 256-8.000.
- American Snap Nut Association: *See—*
  - Resnicow, Herbert, 4,556,352, Cl. 411-433.000.
- American Specialty & Supply, Inc.: *See—*
  - Yaklin, Leonard L., 4,548,022, Cl. 53-415.000.
- American Standard Inc.: *See—*
  - Balukin, Richard F.; and Reiss, John R., 4,552,412, Cl. 303-67.000.
  - Bayer, Robert S.; and Petronaci, Mark A., 4,547,738, Cl. 329-107.000.
  - Bergmann, Konrad, 4,522,231, Cl. 137-625.170.
  - Bergmann, Konrad, 4,549,579, Cl. 137-625.210.
  - Bergmann, Konrad, 4,554,948, Cl. 137-625.310.
  - Bodziak, Thomas A., 4,524,932, Cl. 246-247.000.
  - Bozio, Robert P., 4,560,953, Cl. 331-108.00D.
  - Clemmons, Quentin T.; and Czerniewski, Paul F., 4,544,047, Cl. 188-170.000.
  - Crook, Mikel S.; and Decker, Douglas E., 4,544,030, Cl. 165-159.000.
  - De Graw, Kenneth J.; Bocchini, William R.; Wilcockson, Brian; Bogossian, Armen; Ulh, Robert J.; Nause, Earl E.; and Ramirez, Ernest R., 4,519,103, Cl. 4-317.000.
  - Dellario, Patrick R., 4,553,736, Cl. 251-334.000.
  - Edwards, John C.; and Ford, Russell A., 4,550,775, Cl. 165-111.000.
  - Emmel, David G., 4,550,889, Cl. 246-28.00R.
  - Gerken, Carl F., 4,535,578, Cl. 52-243.100.
  - Gilcher, Heinz, 4,535,959, Cl. 246-34.00R.
  - Glamm, Paul R., 4,528,822, Cl. 62-238.700.
  - Gray, David A.; and Webb, Donald O., 4,535,838, Cl. 165-134.00R.
  - Han, Doyoung; and Hansen, William G., 4,543,796, Cl. 62-160.000.
  - Hart, James E., 4,498,712, Cl. 303-23.00R.
  - Hart, James E.; Spalding, Willard P.; and Kyllonen, Allen W., 4,557,181, Cl. 91-519.000.
  - King, Donald L.; Ruff, Robert O.; and Schwarz, Ernest D., II, 4,547,930, Cl. 16-382.000.
  - Kurtz, Ronald C., 4,503,301, Cl. 200-83.00D.
  - Lyons, Michael D., 4,542,944, Cl. 303-6.00R.
  - Lyons, Michael D., 4,545,402, Cl. 137-495.000.
  - Nikolayczik, Hans, 4,513,781, Cl. 137-625.410.
  - Parrock, Joseph J., 4,516,417, Cl. 70-384.000.
  - Parrock, Joseph J., 4,526,022, Cl. 70-339.000.
  - Reiss, John R.; and Katz, Richard, 4,558,907, Cl. 303-74.000.
  - Rogers, Larry K., 4,524,676, Cl. 91-43.000.
  - Rumsey, Steven C., 4,496,193, Cl. 303-19.000.
  - Rumsey, Steven C., 4,550,811, Cl. 188-170.000.
  - Schoeff, Terry G.; and Hemmert, Raymond A., deceased, 4,519,376, Cl. 126-121.000.
  - Schwarz, Ernest D., II, 4,553,286, Cl. 16-382.000.
  - Tischer, James C.; and Utter, Robert E., 4,522,575, Cl. 418-55.000.
  - Utter, Robert E., 4,552,518, Cl. 418-55.000.
  - Vogel, Victor J., 4,540,317, Cl. 406-112.000.
  - Walley, Esmet, 4,491,372, Cl. 303-18.000.
  - Wilson, Richard L., 4,525,011, Cl. 303-19.000.
  - Wood, James A.; and Mazur, Richard J., 4,491,920, Cl. 364-426.000.
- American Sterilizer Company: *See—*
  - Baker, Richard E., Sr.; and Baker, Richard E., Jr., 4,552,720, Cl. 422-26.000.
  - Confer, Richard G., 4,537,276, Cl. 181-21.000.
  - Dyke, Denis G., 4,515,841, Cl. 428-35.000.
  - Fisher, Kenneth J., 4,502,506, Cl. 137-624.120.
  - Fisher, Kenneth J.; and Miller, William R., 4,538,214, Cl. 362-147.000.
  - Koubek, Edward, 4,512,951, Cl. 422-33.000.
  - Linden, Harry A., 4,510,816, Cl. 74-372.000.
  - Mielnik, Thaddeus J., Jr.; and Wolff, Robert A., 4,526,165, Cl. 128-133.000.
  - Roche, John N., 4,512,106, Cl. 49-445.000.
  - Sestak, Joseph T.; and Coon, Dennis C., 4,539,929, Cl. 116-221.000.
  - Sestak, Joseph T.; and Kagan, Jonathan, 4,562,047, Cl. 422-300.000.
  - Tingley, James E., 4,554,936, Cl. 134-146.000.
- American Sunroof Corporation: *See—*
  - Alexander, Michael P., 4,493,506, Cl. 296-209.000.
- American Tech. Manufacturing, Inc.: *See—*
  - Linker, Frank V.; and Linker, Frank V., Jr., 4,539,878, Cl. 83-99.000.
- American Technology Corporation: *See—*
  - Norris, Elwood G., 4,539,708, Cl. 455-49.000.
- American Telephone and Telegraph: *See—*
  - Baumhauer, John C., Jr.; Hershey, Harold J.; and Poteat, Tommy L., 4,533,795, Cl. 179-111.00E.
- American Thermometer Co., Inc.: *See—*
  - Brown, George T., Jr.; and Blakely, Lewis E., Jr., 4,524,778, Cl. 128-736.000.
  - Brown, George T., Jr., 4,524,779, Cl. 128-736.000.
- American Tourister, Inc.: *See—*
  - Wickman, John A.; Killion, John J., III; and Deschenes, Charles, 4,522,288, Cl. 190-106.000.
- American Trailers, Incorporated: *See—*
  - Zajic, Albert H., 4,531,377, Cl. 62-187.000.
- American Transceiver Corp.: *See—*
  - Kostanty, Raymond G.; Sciabbarrasi, Michael; and Grossman, Walter B., 4,524,461, Cl. 455-79.000.
- Amerigian, Albert A.: *See—*
  - Vertenstein, Mathieu J.; and Amerigian, Albert A., 4,496,199, Cl. 384-474.000.
- Amerigo Technology Limited: *See—*
  - Wong, Tony C. T., 4,561,503, Cl. 166-307.000.
- Amerine, James D.: *See—*
  - Viets, Alan K.; Amerine, James D.; and Lowe, Henry M., 4,491,254, Cl. 222-83.500.
- Amerock Corporation: *See—*
  - Clemmons, Richard R.; Zimmer, Darrel E.; and Sanders, Stephen H., III, 4,544,866, Cl. 318-54.000.
  - Lense, Robert F., 4,553,656, Cl. 192-142.00R.
  - Sharp, William G., 4,544,865, Cl. 318-53.000.
- Ameron, Inc.: *See—*
  - Carter, J. Warne, 4,541,887, Cl. 156-431.000.
  - Carter, J. Warne, Sr., 4,537,426, Cl. 285-110.000.
  - Dana, William R.; Friedrich, Ralph S.; and McKenney, John D., 4,557,788, Cl. 156-425.000.
  - Folkers, Joie L., 4,519,637, Cl. 285-113.000.

  - Friedrich, Ralph S.; and Naylor, Kenneth C., 4,506,918, Cl. 285-156.000.
  - Hegle, Richard L., 4,512,685, Cl. 405-284.000.
  - Magarian, Gerald M.; and Friedrich, Ralph S., 4,511,423, Cl. 156-425.000.
  - Seneker, James A., 4,532,299, Cl. 525-122.000.
- Amerosa Enterprises, Inc.: *See—*
  - Lo, Ching P., 4,513,848, Cl. 192-18.00R.
- Amersfoort, Andre G., to Boldt Industries, Inc. Two stage meat strainer. 4,536,920, 8-27-85, Cl. 17-46.000.
- Ames, Adolf: *See—*
  - Wagner, Alfred; and Ames, Adolf, 4,557,131, Cl. 72-273.000.
- Ames, Edwin N.: *See—*
  - Castellaw, Gerald J.; Wigham, Ronald C.; and Ames, Edwin N., 4,557,310, Cl. 160-84.00R.
- Ames, Giovanna F.; and Kustu, Sydney G., to United States of America, Health and Human Services. Method for obtaining periplasmic proteins from bacterial cells using chloroform. 4,497,730, 2-5-85, Cl. 260-112.00R.
- Ames, Lauren B.: *See—*
  - Lussiez, Guy W.; and Ames, Lauren B., 4,547,347, Cl. 423-141.000.
- Ames, Oliver C. Mechanically programmable read only memory. 4,534,014, 8-6-85, Cl. 365-100.000.
- Ames, S. Leslie; Gray, Thomas H.; and Kish, Lewis L., to Allegheny Ludlum Steel Corporation. Method of casting amorphous metals. 4,501,316, 2-26-85, Cl. 164-463.000.
- Ames, Theodore; and Brown, Vernon E., Jr., to Glacier Products. Apparatus for manufacturing soft ice cream and the like. 4,551,025, 11-5-85, Cl. 366-144.000.
- Ametani, Minoru: *See—*
  - Funakoshi, Keigo; and Ametani, Minoru, 4,522,679, Cl. 156-510.000.
- Ametc Development Company: *See—*
  - Maloblocki, Richard, 4,501,292, Cl. 137-533.110.
- Ametek, Inc.: *See—*
  - Loewenstern, Kenneth; Clementi, Daniel M.; and Kipp, Glenn, 4,531,416, Cl. 73-735.000.
- Ameyama, Minoru: *See—*
  - Iwasaki, Kyuhachiro; Ameyama, Minoru; Ebi, Yutaka; Jinnai, Koichiro; and Sato, Tsutomu, 4,527,170, Cl. 346-75.000.
  - Kakeno, Sadao; Ameyama, Minoru; Ichikawa, Kenichi; Umezawa, Michio; and Yamaguchi, Tomoyuki, 4,524,365, Cl. 346-75.000.
- AMF Incorporated: *See—*
  - Angel, Bruce A., 4,549,576, Cl. 137-614.040.
  - Bains, Elizabeth M., 4,550,605, Cl. 73-622.000.
  - Brutsman, James W., 4,552,061, Cl. 100-53.000.
  - Campbell, Sterrett P., 4,517,212, Cl. 426-496.000.
  - Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., 4,512,897, Cl. 210-656.000.
  - Cummins, Donald L., 4,500,266, Cl. 417-474.000.
  - Dreesman, Gordon R.; and Kendall, Cynthia E., 4,535,057, Cl. 435-5.000.
  - Fehrenkamp, William; and Jameson, Joe P., 4,545,040, Cl. 367-76.000.
  - Fehrenkamp, William; Pater, Arnold R.; and Brummel, Arthur D., 4,551,824, Cl. 367-76.000.
  - Gill, Peter R., 4,527,492, Cl. 112-121.120.
  - Hou, Kenneth C., 4,511,473, Cl. 210-348.000.
  - Hou, Kenneth C., 4,559,145, Cl. 210-679.000.
  - Knight, Michael W., 4,533,889, Cl. 335-199.000.
  - Leeke, Gordon; Chu, Chaokang; and Dailey, Nils L., 4,496,461, Cl. 210-198.200.
  - Maldonado, Reynaldo L.; and Rosanoff, Kenneth A., 4,533,634, Cl. 435-240.000.
  - Neville, Richard E., 4,554,933, Cl. 131-304.000.
  - Neville, Richard E. G., 4,510,808, Cl. 73-433.000.
  - Rose, John A.; and Dyer, Keith, 4,507,029, Cl. 409-114.000.
  - Smither, Miles A., 4,527,261, Cl. 367-76.000.
  - Storace, Anthony; and Ketchman, Jeffery, 4,551,806, Cl. 364-473.000.
- Amfit Incorporated: *See—*
  - Phillips, Edward H., 4,510,636, Cl. 12-1.00R.
  - Schartz, Vern R., 4,517,696, Cl. 12-1.00R.
- Amgen: *See—*
  - Ensley, Burt D., Jr., 4,520,103, Cl. 435-121.000.
  - Nicolson, Margery, 4,504,586, Cl. 436-518.000.
  - Rudman, Christopher G., 4,558,033, Cl. 514-4.000.
- Amhil Enterprises Ltd.: *See—*
  - Van Melle, Hugh, 4,552,522, Cl. 425-182.000.
- AMI: *See—*
  - Lescure, Jacques, 4,547,017, Cl. 297-318.000.
- Amiboshi, Saburo: *See—*
  - Ishitani, Kenichiro; Unseki, Takashi; Amiboshi, Saburo; and Kawamura, Eiichi, 4,534,569, Cl. 277-27.000.
- Amici, Francis R.; and Piazza, Pietro, to Coleco Industries, Inc. Creature with snap action jaw. 4,561,854, 12-31-85, Cl. 446-304.000.
- Amick, Christopher G.: *See—*
  - Petrich, Dennis M.; Amick, Christopher G.; and Gruenenwald, Stanley L., 4,517,512, Cl. 324-73.00R.
- Amick, David R., to Rohm and Haas Company. Protracted release microbiocidal article for aqueous systems. 4,505,889, 3-19-85, Cl. 424-21.000.
- Amick, David R., to Rohm and Haas Company. Microbiocidal article for aqueous systems. 4,552,752, 11-12-85, Cl. 424-21.000.
- Amicon Corporation: *See—*
  - Fulton, Scott; Yankopoulos, Basil; and Zediana, Lewis, Jr., 4,562,251, Cl. 536-17.400.
- Amighini, Mario. Manually actuated hydraulic jack for compressively applying terminals on electric cables and conductors in general. 4,492,106, 1-8-85, Cl. 72-453.020.
- Amigo Sales, Inc.: *See—*
  - Palmer, James A.; and Gromak, Stephen C., 4,503,925, Cl. 180-13.000.
- Amikura, Takashi: *See—*
  - Suzuki, Ryoichi; Matsumoto, Seiichi; Amikura, Takashi; Tsunekawa, Tokuichi; and Uchiyama, Takashi, 4,516,835, Cl. 350-336.000.
- Amimoto, Hiroyuki; and Kohsaka, Hiroji, to Horiba, Ltd. Apparatus for measuring or controlling the separation ratio of gas. 4,555,931, 12-3-85, Cl. 73-23.000.
- Amin, Pravin T. Digital processing system with self-test capability. 4,519,077, 5-21-85, Cl. 371-21.000.
- Amin, Pravin T., to Texas Instruments Incorporated. Gate alterable output buffer. 4,556,806, 12-3-85, Cl. 307-475.000.
- Amin, Rajendra K.: *See—*
  - Cook, William T.; Cristinacce, Michael; and Amin, Rajendra K., 4,514,236, Cl. 148-38.000.
- Amino, Toshikazu: *See—*
  - Enomoto, Ryo; and Amino, Toshikazu, 4,529,575, Cl. 423-345.000.
- Amiot, Bruce P.; Fuller, Larry E.; Martinez, Felix J.; Cosentino, Louis C.; Harm, William H.; and Nelson, Wayne L., to Renal Systems, Inc. Dialyzer reuse machine. 4,517,081, 5-14-85, Cl. 210-85.000.
- Amir, Gideon; and Gregorian, Roubik, to American Microsystems, Inc. Multiplier/adder circuit. 4,521,907, 6-4-85, Cl. 381-47.000.
- Amir, Yoel, to Beta Engineering & Development Ltd. Fence particularly useful for detecting intrusion attempts. 4,533,906, 8-6-85, Cl. 340-541.000.
- Amirante, Dominic, to Westinghouse Electric Corp. Programmable time registering AC electric energy meter having randomized load control. 4,511,979, 4-16-85, Cl. 364-481.000.
- Amirijafari, Bahram; and Nuttall, Herbert E., Jr. Combination thermal and solvent extraction oil recovery process and apparatus. 4,495,057, 1-22-85, Cl. 208-11.00R.
- Amit, Haim. Two-stage electric water heater. 4,514,617, 4-30-85, Cl. 219-314.000.
- Amity Leather Products Co.: *See—*
  - Young, Raymond W., 4,540,034, Cl. 150-137.000.
- Amjad, Zahid; and Yorke, Monica A., to Calgon Corporation. Carboxylic functional polyampholytes as silica polymerization retardants and dispersants. 4,510,059, 4-9-85, Cl. 210-701.000.
- Amjad, Zahid; and Masler, William F., III, to B. F. Goodrich Company, The. Method for inhibiting scale deposition. 4,532,048, 7-30-85, Cl. 210-701.000.
- Amjad, Zahid: *See—*
  - Masler, William F., III; and Amjad, Zahid, 4,499,002, Cl. 252-180.000.
- Amjo, Inc.: *See—*
  - Jacobi, Cecil T., Jr.; Maupin, Charles G.; Woodsmall, James B.; Brown, William J.; Thomas, Bruce E.; Owens, Welton D.; Cunningham, Robert J.; and Smith, Rocky D., 4,501,072, Cl. 34-1.000.
- AMK Pipe Technology Limited: *See—*
  - Appleton, William J., 4,529,008, Cl. 138-97.000.
- Amlani, Kish D.: *See—*
  - Morgan, Paul W.; Ellwood, Thomas J.; Amlani, Kish D.; and Hodges, John B., 4,555,955, Cl. 73-862.060.
- Amm, Ronald M. Stratified charge variable compression ratio engine. 4,503,815, 3-12-85, Cl. 123-48.00A.
- Ammann, Hansruedi; and Horler, Hansulrich, to BBC Brown, Boveri & Company, Limited. Exhaust-gas turbocharger with a bearing system located between the turbine and the compressor. 4,538,969, 9-3-85, Cl. 417-407.000.
- Ammann, Heinz, to Sulzer Brothers Limited. Heat exchanger. 4,524,727, 6-25-85, Cl. 122-235.00A.
- Ammann, Heinz, to Sulzer Brothers Limited. Heat exchanger having a gas flue. 4,546,731, 10-15-85, Cl. 122-367.00R.
- Ammco Tools, Inc.: *See—*
  - Bogaerts, Leo C.; and Murphy, John W., 4,510,828, Cl. 82-4.00A.
  - Bullock, James K., Sr., 4,546,548, Cl. 33-203.000.
  - Mountz, Craig E., 4,491,194, Cl. 187-8.430.
  - Mountz, Craig E., 4,491,201, Cl. 188-42.000.
  - Murphy, John W., 4,501,342, Cl. 187-8.410.
- Ammenheuser, Herbert H.; and Fantuzzo, Joseph, to Xerox Corporation. Electrostatographic reproducing apparatus. 4,547,064, 10-15-85, Cl. 355-15.000.
- Ammermann, Eberhard: *See—*
  - Acker, Rolf-Dieter; Ammermann, Eberhard; and Pommer, Ernst-Heinrich, 4,496,563, Cl. 514-222.000.
  - Buschmann, Ernst; Schulz, Guenter; Heilen, Gerd; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,532,234, Cl. 514-63.000.
  - Husslein, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,515,623, Cl. 71-12.000.
  - Rentzea, Costin; Meyer, Norbert; Sauter, Hubert; Ammermann, Eberhard; and Pommer, Ernst-Heinrich, 4,497,819, Cl. 514-397.000.
  - Ruland, Alfred; Reuther, Wolfgang; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,550,173, Cl. 548-262.000.
  - Stubenrauch, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Pommer, Ernst-Heinrich, 4,496,738, Cl. 548-262.000.

- Zeeh, Bernd; Ammermann, Eberhard; Buschmann, Ernst; and Pommer, Ernst-Heinrich, 4,554,285, Cl. 514-383.000.

Ammon, J. Preston; Weaver, Harry R.; and Evans, Evan J., to Elfab Corporation. Apparatus for manufacturing integrated circuit connectors. 4,506,438, 3-26-85, Cl. 29-739.000.
Amoco Corporation: *See*—
- Arzoumanidis, Gregory G.; and Lee, Sam S., 4,540,679, Cl. 502-111.000.
- Edwards, Robert C.; and Golson, F. Austin, 4,546,202, Cl. 562-414.000.
- Froning, H. Robert; and Yellig, William F., Jr., 4,529,037, Cl. 166-266.000.
- Goddin, Clifton S., Jr.; and Cabanaw, Boyd E., 4,557,911, Cl. 423-228.000.
- Hensley, Albert L., Jr.; and Quick, Leonard M., 4,549,957, Cl. 208-216.0PP.
- Warmack, Ralph E., 4,561,074, Cl. 367-46.000.
- Wolff, William F., 4,548,701, Cl. 208-11.0LE.

Amoils, Selig P. Surgical instruments and methods particularly adapted for intra-ocular cutting and the like. 4,513,745, 4-30-85, Cl. 128-305.000.
Amonett, Daniel K., to Emhart Industries, Inc. Clutch for a timing mechanism. 4,538,037, 8-27-85, Cl. 200-38.00R.
Amoroso, Salvatore, Jr.; and Conklin, Russell W., to United Technologies Corporation. Automatic adaptive sensitivity time control for a ground mapping radar. 4,509,050, 4-2-85, Cl. 343-5.0SM.
Amort, Jurgen; Hanisch, Horst; Klapdor, Ute; van der Maas, Hendrikus; and Suerken, Hans-Peter, to Dynamit Nobel Aktiengesellschaft. Method for the modification of starch in an aqueous medium. 4,540,777, 9-10-85, Cl. 536-102.000.
Amos, Alvin W. Portable welding jig. 4,541,621, 9-17-85, Cl. 269-51.000.
Amos, Charles W., to Owens-Illinois, Inc. Tamper indicating package. 4,519,516, 5-28-85, Cl. 215-252.000.
Amos, Homer C.; Benedyk, Joseph C.; Scheie, Carl E.; and McGlove, William R., to Brunswick Corporation. Scoop and cup device for playing a game. 4,511,148, 4-16-85, Cl. 273-326.000.
Amos, Jacquelyn V., to Ski Pack International, Inc. Carrier system for ski equipment. 4,518,107, 5-21-85, Cl. 224-215.000.
Amos, Louis A. Piston dome. 4,541,377, 9-17-85, Cl. 123-307.000.
AMP Incorporated: *See*—
- Adlon, Daniel T.; and Bianchi, Edward A., 4,522,097, Cl. 83-464.000.
- Aiello, Richard E.; Moist, Stanford C., Jr.; Poleshuk, Robert J.; and Wildman, Timothy C., 4,544,220, Cl. 339-59.00M.
- Alonso, Martin; and Villazon, Francisco, 4,542,948, Cl. 339-59.00R.
- Althouse, Rickie M.; Beamenderfer, Robert E.; Durbin, Roger; Hollyday, Robert D.; and Kling, John P., 4,519,665, Cl. 339-147.00R.
- Ashman, John J.; and Rupnik, David W., 4,497,984, Cl. 200-11.0DA.
- Asick, John C., 4,493,518, Cl. 339-45.00M.
- Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,506,940, Cl. 339-17.0LC.
- Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,550,960, Cl. 339-14.00R.
- Baker, Robert W., 4,497,531, Cl. 339-94.00M.
- Bakermans, Johannes C. W., 4,493,147, Cl. 29-861.000.
- Bakermans, Johannes C. W.; and Grabbe, Dimitry G., 4,497,196, Cl. 72-405.000.
- Bakermans, Johannes C. W.; and Korsunsky, Iosif, 4,504,887, Cl. 361-399.000.
- Bakermans, Johannes C. W.; Grabbe, Dimitry G.; and Korsunsky, Iosif, 4,513,353, Cl. 361-399.000.
- Bakermans, Johannes C. W., 4,531,280, Cl. 29-564.600.
- Barkus, Lee A.; and Bright, Edward J., 4,504,105, Cl. 339-75.0MP.
- Barkus, Lee A., 4,505,529, Cl. 339-17.00M.
- Beck, Hoy S., Jr.; and Shoemaker, John R., 4,522,460, Cl. 339-99.00R.
- Bennett, Benny M.; Meehan, Robert F.; and Zell, Dale R., 4,552,422, Cl. 339-17.0CF.
- Bertini, Carlo; and Bruni, Aldo, 4,549,780, Cl. 339-107.000.
- Billman, Timothy B., 4,552,425, Cl. 339-47.00R.
- Billman, Timothy B.; Coller, James R.; and Marpoe, Gary R., Jr., 4,560,218, Cl. 339-17.0CF.
- Bonifanti, George; Jackson, Mark F.; Letsch, Karl H.; Longenecker, Bruce C.; Loomis, Phillip E.; Nguyen, Hung T.; Schuppert, Leo V., Jr.; Spong, Richard V.; and Paukovits, Edward J., Jr., 4,551,901, Cl. 29-564.600.
- Bowen, Terry P.; Caron, Bernard G.; Cooper, Ronald F.; and Glover, Douglas W., 4,534,616, Cl. 350-96.200.
- Boyd, James F., 4,499,341, Cl. 191-12.400.
- Bright, Edward J.; Marpoe, Gary R., Jr.; Schuemann, Klaus D.; and Sheesley, Wilmer L., 4,498,725, Cl. 339-176.00M.
- Bright, Edward J.; Kandybowski, Steven J.; Sheesley, Wilmer L.; and Sinisi, David B., 4,502,747, Cl. 339-75.00M.
- Brown, Christopher K.; Kensinger, Lex D.; Over, William R.; and Wion, Donald A., 4,499,648, Cl. 29-564.200.
- Bunnell, Edward D., 4,508,415, Cl. 339-143.00R.
- Bunnell, Edward D., 4,520,558, Cl. 29-749.000.
- Bunnell, Edward D., 4,545,635, Cl. 339-99.00R.
- Burns, Carmen; and Grabbe, Dimitry, 4,560,826, Cl. 174-52.0FP.
- Cappos, David J.; and Klunk, Thomas M., 4,553,322, Cl. 29-739.000.
- Caron, Bernard G.; and Hoffer, John C., 4,547,039, Cl. 350-96.200.
- Casciotti, Albert; McCleerey, Earl W.; and Cosmos, Pete, 4,508,401, Cl. 339-14.00R.
- Chandler, Curtis S.; Novotny, Larry G.; and Watts, Elvert S., 4,501,459, Cl. 339-48.000.
- Cherry, Hitesh; and Werner, Walter M., 4,508,409, Cl. 339-97.00R.
- Clark, Donald G., 4,516,309, Cl. 29-564.400.
- Coller, James R.; and Coon, Paul A., 4,557,542, Cl. 339-59.00M.
- Coller, James R.; and Thrush, Roger L., 4,558,912, Cl. 339-64.00M.
- Cooper, Ralph M.; and Mena, Walter M., 4,509,710, Cl. 248-73.000.
- Cosmo, Nicola, 4,494,807, Cl. 339-17.0CF.
- Cosmos, Pete; and Myers, Earl C., Jr., 4,506,937, Cl. 339-14.00R.
- Crawford, Christopher L., 4,491,378, Cl. 339-75.0MP.
- Crowman, Stanley W. T.; Dornes, Bryan J.; Paukovits, Edward J., Jr.; Spong, Richard V.; and Talarico, Robert J., 4,557,044, Cl. 29-741.000.
- Davis, Newton G., 4,527,451, Cl. 81-9.510.
- Derr, Paul B., 4,548,457, Cl. 339-88.00R.
- Dery, Ronald A.; and Jones, Warren C., 4,554,033, Cl. 156-52.000.
- Dola, Frank P., 4,500,158, Cl. 339-122.00R.
- Dola, Frank P., 4,562,311, Cl. 179-158.00R.
- Dornes, Bryan J.; and Talarico, Robert J., 4,555,847, Cl. 29-739.000.
- Douty, George H.; Landis, John M.; and Snyder, Clair W., Jr., 4,537,454, Cl. 339-45.00M.
- Dowling, Edward C.; and Fortuna, Jon A., 4,508,399, Cl. 339-17.0CF.
- English, James M.; Gurreri, Nicholas L.; and Kling, John P., 4,553,114, Cl. 333-182.000.
- Esser, Wilhelm C. J., 4,534,613, Cl. 339-258.00S.
- Esser, Wilhelm C. J., 4,557,544, Cl. 339-97.00R.
- Fedder, James L.; and Kandros, Michael A., 4,498,722, Cl. 339-75.0MP.
- Feldman, Steven; and Cihak, Richard J., 4,533,203, Cl. 339-176.00M.
- Fisher, Howard Z., 4,517,234, Cl. 428-119.000.
- Forney, Edgar W., Jr.; and Hogendobler, Richard S., 4,502,749, Cl. 339-177.00R.
- Forney, Edgar W., Jr., 4,540,231, Cl. 339-94.00C.
- Forney, Edgar W., Jr.; and Hogendobler, Richard S., 4,553,806, Cl. 339-94.00C.
- Fukukura, Kazutoyo, 4,492,838, Cl. 200-159.00A.
- Fukukura, Kazutoyo, 4,561,709, Cl. 339-17.00F.
- Galloway, Michael D.; Gingerich, David J.; and Shaffer, David T., 4,497,983, Cl. 200-5.00R.
- Gingerich, David J.; Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,531,030, Cl. 200-68.200.
- Grabbe, Dimitry G.; and Korsunsky, Iosif, 4,511,197, Cl. 339-17.0CF.
- Grabbe, Dimitry G.; and Korsunsky, Iosif, 4,550,959, Cl. 339-9.00E.
- Grubb, Daniel B.; and Hughes, Donald W. K., 4,549,343, Cl. 29-33.00M.
- Guerout, Jean B.; and Urbin, Jack, 4,525,927, Cl. 29-861.000.
- Hall, Lawrence A.; Lightner, Linn S.; Long, William B.; Shannon, Suel G.; and Stahl, Daniel E., 4,493,525, Cl. 339-143.00R.
- Hamsher, Wilbur A., Jr.; and Stahl, Daniel E., 4,491,381, Cl. 339-107.000.
- Hamsher, Wilbur A., Jr., 4,556,275, Cl. 339-218.00M.
- Hatfield, John G.; and Volinskie, Robert, 4,538,487, Cl. 81-9.510.
- Huffnagle, Clifton W.; and Morningstar, LeRoy J., 4,500,157, Cl. 339-97.00R.
- Hughes, Donald W. K.; Metzger, Donald L.; and Reynolds, Charles E., 4,527,857, Cl. 339-258.00S.
- Hughes, Donald W. K., 4,531,803, Cl. 339-97.00R.
- Hughes, Richard L.; and Sigmon, Ned A., 4,508,411, Cl. 339-99.00R.
- Ikeda, Yuuji; Abe, Hiroo; Osaka, Tadashi; and Komuro, Katsumi, 4,551,893, Cl. 29-33.00M.
- John, Heinrich R.; and Munk, Ulrich B., 4,548,461, Cl. 339-217.00R.
- Johnson, Keith, Jr., 4,517,718, Cl. 29-33.00M.
- Kaleida, Richard H., 4,493,952, Cl. 200-5.00A.
- Kamono, Takashi; and Yamada, Hiromi, 4,558,917, Cl. 339-143.00R.
- Kandybowski, Steven J.; and Sucheski, Matthew M., 4,536,055, Cl. 339-258.00R.
- Kimmel, David J.; and Lauterbach, John H., 4,493,954, Cl. 200-11.00R.
- Korsunsky, Iosif, 4,547,031, Cl. 339-75.00M.
- Kourimsky, Friedrich J. A., 4,555,156, Cl. 339-75.00M.
- Kumar, Vijay, 4,512,618, Cl. 339-14.00R.
- Lawrence, George J., 4,514,032, Cl. 339-278.00C.
- Lawson, Gustaf R., 4,525,023, Cl. 339-258.00R.
- Locati, Ronald P.; and Rickrode, James A., 4,509,258, Cl. 29-876.000.
- Logan, Thomas D.; and Wedell, David A., 4,541,677, Cl. 339-17.00F.
- Maack, Werner; and Zendler, Richard, 4,521,960, Cl. 29-749.000.
- Maack, Werner, 4,534,107, Cl. 29-751.000.
- Maack, Werner; Gerst, Michael; and Liedloff, Manfred, 4,559,702, Cl. 29-759.000.
- Manabe, Sakae, 4,537,462, Cl. 339-259.00R.
- Marpoe, Gary R., Jr., 4,516,072, Cl. 324-158.00F.
- McCleerey, Earl W.; and Root, John A., 4,557,543, Cl. 339-97.00P.
- Meehan, Robert F.; Rose, William H.; and Shaffer, David T., 4,530,552, Cl. 339-17.0CF.

- Michael, George W., III, 4,559,704, Cl. 30-90.100.
- Mosser, III: Benjamin H., 4,548,459, Cl. 339-97.00P.
- Mummey, Dale B.; and Oberman, Carl D., 4,542,951, Cl. 339-75.00M.
- Mummey, Dale B.; and Plotts, Alan E., 4,548,453, Cl. 339-17.00C.
- Myers, Ronald W., 4,497,526, Cl. 339-17.0LC.
- Olsson, Billy E., 4,534,606, Cl. 339-75.00M.
- Olsson, Billy E., 4,558,397, Cl. 361-404.000.
- Olsson, Billy E., 4,560,221, Cl. 339-75.0MP.
- Over, William R.; Wion, Donald A.; and Heffner, Richard M., 4,554,725, Cl. 29-564.400.
- Pansanel, Jean C., 4,519,133, Cl. 29-863.000.
- Pegram, Warren J., 4,517,408, Cl. 174-153.00G.
- Peppler, Michael S., 4,498,715, Cl. 339-14.00R.
- Pritulsky, James, 4,515,422, Cl. 339-17.00C.
- Richards, Craig D., 4,538,869, Cl. 339-59.00M.
- Romak, Paul E., 4,550,972, Cl. 339-256.00R.
- Rose, William H.; and Shaffer, David T., 4,496,802, Cl. 200-5.00R.
- Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,506,124, Cl. 200-153.00J.
- Rose, William H., 4,523,064, Cl. 200-67.00D.
- Serrano, Pedro, 4,557,045, Cl. 29-747.000.
- Shannon, Suel G., 4,497,530, Cl. 339-89.00M.
- Swengel, Robert C., Jr., 4,552,423, Cl. 339-19.000.
- Teagno, Vladimiro; and Chiusa, Alessandro, 4,552,260, Cl. 198-345.000.
- Thrush, Roger L., 4,557,548, Cl. 339-258.00P.
- van Alst, Gerardus M., 4,552,429, Cl. 339-99.00R.
- van de Kerkhof, Lodevicus L. J., 4,561,178, Cl. 29-749.000.
- van Dijk, Petrus R. M., 4,498,721, Cl. 339-75.0MP.
- Wasserlein, Henry G., Jr., 4,533,201, Cl. 339-99.00R.
- Weidler, Charles H., 4,530,560, Cl. 339-97.00R.
- Weidler, Charles H.; and Trout, George E., 4,553,808, Cl. 339-97.00R.
- Weisenburger, Lawrence P., 4,560,224, Cl. 339-97.00C.
- Werner, Walter M., 4,504,034, Cl. 248-63.000.
- Wicks, John L., 4,555,321, Cl. 204-224.00R.
- Wise, Joseph A.; and Green, Michael P., 4,538,024, Cl. 174-117.00F.
- Wolfel, Lee A., 4,516,822, Cl. 339-103.00M.

Ampat/Midwest Corp.: *See—*
- Mauser, Richard J., 4,524,978, Cl. 277-189.000.

Ampex Corporation: *See—*
- Babbel, John H.; Russell, William A.; and Steele, Robert B., 4,521,870, Cl. 364-900.000.
- Baker, Jay S., 4,520,276, Cl. 307-228.000.
- Baker, Jay S., 4,532,604, Cl. 364-851.000.
- Baker, Jay S., 4,562,406, Cl. 330-85.000.
- Barzee, Verl N., 4,506,967, Cl. 354-223.000.
- Bennett, Phillip P., 4,532,547, Cl. 358-148.000.
- Brill, Gerow D., 4,532,553, Cl. 358-228.000.
- Chan, Steven S., 4,500,933, Cl. 360-69.000.
- Chow, Yechow T., 4,520,453, Cl. 364-900.000.
- Conly, Ralph A.; and Latimer, Stanley M., 4,533,967, Cl. 360-123.000.
- Cooper, J. Carl, 4,498,141, Cl. 364-728.000.
- Doninelli, Peter D., 4,492,035, Cl. 33-172.00B.
- Fawkes, John S., 4,503,396, Cl. 328-127.000.
- Fechner, Erno H., 4,511,943, Cl. 360-130.230.
- Gallo, Luigi C., 4,514,769, Cl. 358-310.000.
- Gilligan, Thomas J., 4,497,020, Cl. 364-200.000.
- Gilligan, Thomas J., 4,523,302, Cl. 365-195.000.
- Gilligan, Thomas J., 4,532,610, Cl. 365-130.000.
- Griesshaber, Karl H.; and Bialo, Charles A., 4,507,683, Cl. 358-185.000.
- Handley, Kirk H., 4,525,754, Cl. 360-51.000.
- Kudelski, Stefan, 4,500,817, Cl. 318-7.000.
- Kudelski, Stefan, 4,508,292, Cl. 242-190.000.
- Kudelski, Stefan, 4,513,229, Cl. 318-7.000.
- Kudelski, Stefan; and Rosselet, Ernest, 4,521,706, Cl. 310-67.00R.
- Kudelski, Stefan; Rosselet, Ernest; and Pertz, Eberhard, 4,542,663, Cl. 74-801.000.
- Larkins, David N., 4,532,557, Cl. 360-33.100.
- Latimer, Stanley M.; and Orton, Gregory A., 4,520,414, Cl. 360-125.000.
- Lee, Patrick S., 4,516,178, Cl. 360-78.000.
- Louth, Kenneth, 4,514,671, Cl. 318-603.000.
- Louth, Kenneth, 4,536,806, Cl. 360-69.000.
- Louth, Kenneth, 4,538,190, Cl. 360-73.000.
- Louth, Kenneth, 4,544,967, Cl. 360-77.000.
- Morrison, Eric F., 4,519,001, Cl. 358-310.000.
- Noel, Stan L., 4,494,164, Cl. 361-101.000.
- O'Gwynn, David C., 4,514,672, Cl. 318-616.000.
- O'Gwynn, David C.; and Helmers, Thomas L., 4,561,608, Cl. 242-186.000.
- Petersen, David A., 4,504,872, Cl. 360-40.000.
- Poole, Burnet M., 4,553,185, Cl. 360-10.100.
- Ravizza, Raymond F., 4,494,153, Cl. 358-324.000.
- Ryan, John O., 4,503,466, Cl. 358-211.000.
- Ryan, John O., 4,521,736, Cl. 329-102.000.
- Ryan, John O., 4,540,919, Cl. 315-384.000.
- Trytko, David E.; and Wagner, Steven D., 4,528,598, Cl. 358-314.000.
- Williams, Marshall, 4,530,107, Cl. 377-44.000.
- Williams, Marshall, 4,532,560, Cl. 360-72.300.
- Williams, Marshall, 4,557,434, Cl. 242-189.000.
- Williams, Marshall, 4,560,983, Cl. 340-825.000.
- Wood, Roger W.; and Matson, Charles L., 4,527,269, Cl. 371-3.000.
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Ampferer, Herbert, to Dr. Ing. h.c.F. Porsche AG. Internal combustion engine, especially for motor vehicles. 4,493,295, 1-15-85, Cl. 123-41.860.

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Amphlett, Godfrey W.; and Hrinda, Michael E., to Armour Pharmaceutical Company. Process for purifying factor VIII:C. 4,508,709, 4-2-85, Cl. 424-101.000.

Amphoux, Andre; and Carbon, Jean M. Articulated tubular conduit arm for sucking gaseous fluids. 4,540,202, 9-10-85, Cl. 285-184.000.

Ampliform Pty. Ltd.: *See—*
- Jury, Harold R., 4,510,727, Cl. 52-508.000.

Ampulski, Joseph W.; Furukawa, James N.; Kesner, Donald R.; and Bernal, Ronald D., to A.B. Dick Company. Signal generation and synchronizing circuit for a decentralized ring network. 4,495,617, 1-22-85, Cl. 370-86.000.

Amscomatic, Inc.: *See—*
- Sylvester, John D., 4,512,464, Cl. 206-292.000.

Amstar Corporation: *See—*
- Dixon, Thomas, 4,517,572, Cl. 343-876.000.

Amstar Technical Products Co., Inc.: *See—*
- Dixon, Thomas O., 4,549,185, Cl. 343-368.000.

AMSTED Industries Incorporated: *See—*
- Altherr, Russell G.; and Schmitt, Steven F., 4,549,666, Cl. 213-62.00A.
- Day, Donald C., 4,498,798, Cl. 403-24.000.
- Dressel, William G.; and Kucera, William J., 4,538,357, Cl. 33-203.180.
- Gain, Lorand H., Jr., 4,497,340, Cl. 137-556.000.
- Kaim, John W.; Berg, Norman A.; and Altherr, Russell G., 4,537,304, Cl. 206-335.000.
- Kozar, Robert S., 4,512,901, Cl. 210-792.000.
- Kuyper, Geoffrey S., 4,504,441, Cl. 419-35.000.
- Mulcahy, Harry W.; Garivaltis, Dimitris; Karbowniczek, Stanley; and Kaufhold, Horst T., 4,552,074, Cl. 105-224.100.
- Mulcahy, Harry W., 4,561,360, Cl. 105-199.00S.
- Neumann, Otto W., 4,491,075, Cl. 105-207.000.
- Parshall, David G., 4,514,301, Cl. 210-400.000.
- Peting, Robert G., 4,506,919, Cl. 285-231.000.
- Peting, Robert G., 4,552,385, Cl. 285-111.000.
- Pozo, Jaime F., 4,545,058, Cl. 373-73.000.
- Riggs, Peter P.; Data, Harry L.; and Hoganson, Robert B., Jr., 4,534,162, Cl. 57-217.000.
- Simpson, Neville H.; Dosemagen, Thomas H.; and Dirks, David E., 4,490,969, Cl. 57-217.000.
- Wilson, A. Kenneth; and Barker, Ronald E., 4,491,300, Cl. 251-368.000.

Amstelstaal B.V.: *See—*
- Lassally, Gunter M., 4,509,721, Cl. 251-335.00B.

Amstutz, A. Keith; and Kinnie, Bruce H. Orthodontic shield, orthotic device and musician embouchure aid and method of producing and using same. 4,559,013, 12-17-85, Cl. 433-22.000.

Amstutz, Gary A.; and Mayekar, Kishor D., to Union Carbide Corporation. Fluorescent corrosive fluoride solution. 4,536,322, 8-20-85, Cl. 252-301.160.

AMT Co., Ltd.: *See—*
- Inaba, Morimitsu, 4,498,987, Cl. 210-222.000.

Amtel Communications, Inc.: *See—*
- Post, Kendall E.; and Henning, Paul N., 4,503,290, Cl. 179-18.0FC.
- Ziegler, Walter, 4,527,011, Cl. 179-18.0FC.

Amtel Systems Corporation: *See—*
- Drabing, Richard B., 4,538,136, Cl. 340-310.00R.

Amtmann, Heribert, to Siemens Aktiengesellschaft. Diagnostic radiology system for angiographic x-ray examinations. 4,514,759, 4-30-85, Cl. 358-111.000.

Amtrol Inc.: *See—*
- Hull, Robert; and Lane, Joseph A., 4,555,253, Cl. 55-170.000.
- O'Connor, Robert E., 4,546,819, Cl. 165-70.000.

Amundsen, Alan R.; and Stern, Eric W., to Engelhard Corporation. Solubilized platinum (II) complexes. 4,500,465, 2-19-85, Cl. 260-429.00R.

Amundsen, Alan R.; and Stern, Eric W., to Engelhard Corporation. Pharmaceutical composition containing cis-platinum (II) amine lactate and a method of using same. 4,505,928, 3-19-85, Cl. 514-492.000.

Amundson, Everett: *See—*
- Haugen, Gary; and Amundson, Everett, 4,523,674, Cl. 198-843.000.

Amundson, Gregg B.: *See—*
- Bradley, James D.; and Amundson, Gregg B., 4,519,016, Cl. 361-415.000.

Amway Corporation: *See—*
- Glover, David A., 4,557,928, Cl. 424-70.000.

An, Hung D.: *See—*
- Marshall, Stephen; and An, Hung D., 4,549,387, Cl. 53-469.000.

An-Rix, Inc.: *See—*
- Goldstein, Leon C., 4,500,375, Cl. 156-96.000.

An, Sangchol, to Purex Pool Products, Inc. Automatic and manual actuator. 4,538,789, 9-3-85, Cl. 251-129.120.

- An, Sangchol: *See—*
  - Gordbegli, Manochehr; and An, Sangchol, 4,501,232, Cl. 122-235.00C.
- Anada, Harish R.: *See—*
  - Sears, John T.; and Anada, Harish R., 4,510,124, Cl. 423-437.000.
- Anahara, Meiji; and Suzuki, Yoshihisa, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Fiber drafting arrangement. 4,497,089, 2-5-85, Cl. 19-288.000.
- Analgesic Associates: *See—*
  - Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,552,899, Cl. 514-568.000.
- Analog Devices, Incorporated: *See—*
  - Bokil, Delip R.; and Morong, William H., III, 4,547,961, Cl. 29-602.00R.
  - Brokaw, Adrian P.; and Maidique, Modesto A., 4,547,766, Cl. 340-347.0AD.
  - Brokaw, Adrian P.; and Maidique, Modesto A., 4,556,870, Cl. 340-347.0AD.
  - Burton, David P., 4,521,764, Cl. 340-347.0DA.
  - Holloway, Peter R., 4,543,560, Cl. 340-347.0DA.
  - Holloway, Peter R., 4,543,561, Cl. 340-347.0DA.
  - Narasimhan, Tanjore R., 4,562,400, Cl. 323-281.000.
  - Tuthill, Michael G., 4,491,825, Cl. 340-347.0DA.
  - Tuthill, Michael G.; and Minogue, Paschal, 4,558,242, Cl. 307-577.000.
  - Tuttle, Ralph C.; and Payne, Richard S., 4,511,413, Cl. 148-187.000.
- Analog & Digital Systems, Inc.: *See—*
  - Kelly, Michael L., 4,507,800, Cl. 381-88.000.
- Analogic Corporation: *See—*
  - Crooke, Arthur W.; and Stebbins, Edwin E., 4,555,765, Cl. 364-571.000.
  - Dobbs, John M., 4,495,635, Cl. 378-56.000.
  - Gordon, Bernard M., 4,547,893, Cl. 378-19.000.
  - Mattedi, Bruno A.; and Watari, Hiromichi, 4,562,553, Cl. 364-745.000.
  - Praria, Guy B., 4,505,032, Cl. 29-621.000.
- Analytics, Inc.: *See—*
  - Morris, C. Carson; Bielsker, Barry H.; and Cole, Donald A., 4,503,287, Cl. 178-22.080.
- Anami, Kenji; Yoshimoto, Masahiko; Shinohara, Hirofumi; and Tomisawa, Osamu, to Mitsubishi Denki Kabushiki Kaisha. Semiconductor memory device. 4,542,486, 9-17-85, Cl. 365-230.000.
- Anami, Kenji: *See—*
  - Shinohara, Hirofumi; Tomisawa, Osamu; Anami, Kenji; and Yoshimoto, Masahiko, 4,521,704, Cl. 307-530.000.
  - Yoshimoto, Masahiko; Yoshihara, Tsutomu; Anami, Kenji; and Shinohara, Hirofumi, 4,554,646, Cl. 365-189.000.
- Anami, Koretake: *See—*
  - Tashiro, Chiaki; Kawakita, Takeshi; Horii, Ichiro; and Anami, Koretake, 4,514,403, Cl. 514-274.000.
- Anan, Tatsuro: *See—*
  - Miwa, Hiroshi; Kaneko, Toshio; Tonouchi, Akira; and Anan, Tatsuro, 4,505,785, Cl. 204-28.000.
- Anan, Yoshiaki: *See—*
  - Ishimitsu, Ikuo; Tokunaga, Toshimichi; Tanaka, Takeshi; and Anan, Yoshiaki, 4,555,126, Cl. 280-707.000.
- Anand, Ashok K.: *See—*
  - Willyoung, David M.; and Anand, Ashok K., 4,503,681, Cl. 60-655.000.
- Anand, Joginder N.; Revak, Timothy T.; and Rossini, Frank J., to Dow Chemical Company, The. High temperature battery cell comprising stress-free hollow fiber bundle. 4,510,681, 4-16-85, Cl. 29-623.100.
- Anand, Kranti; and Strain, Robert J., to Fairchild Camera & Instrument Corporation. Ion implantation to increase emitter energy gap in bipolar transistors. 4,559,696, 12-24-85, Cl. 29-576.00B.
- Anand, Vidhu: *See—*
  - Kumar, Prabhat; and Anand, Vidhu, 4,561,892, Cl. 75-251.000.
- Ananias, James W., to Ball Corporation. Control of a glassware forming machine. 4,547,211, 10-15-85, Cl. 65-29.000.
- Ananieva, Alla A.: *See—*
  - Rusakova, Svetlana V.; Glyzin, Vladimir I.; Kocherga, Stepan I.; Ananieva, Alla A.; and Libizova, Larisa F., 4,518,592, Cl. 424-195.100.
- Anantha, Narasipur G.; Ning, Tak H.; and Tsang, Paul J., to International Business Machines Corporation. Methods for making high performance lateral bipolar transistors. 4,492,008, 1-8-85, Cl. 29-571.000.
- Anantha, Narasipur G.; Gaur, Santosh P.; Huang, Yi-Shiou; and Tsang, Paul J., to International Business Machines Corporation. Method of fabricating a lateral PNP transistor. 4,510,676, 4-16-85, Cl. 29-577.00C.
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- Anapliotis, Emmanuel, to Mecron medizinische Produkte GmbH. Nail for fixing a fracture of the femur. 4,506,662, 3-26-85, Cl. 128-92.0BC.
- Anasco Gesellschaft mit beschrankter Haftung: *See—*
  - Kretzschmann, Gunther, 4,539,011, Cl. 44-14.000.
- Anastasi, Kenneth J.: *See—*
  - Dombrowski, David M.; and Anastasi, Kenneth J., 4,552,046, Cl. 82-36.00A.
- Anastasio, Frank J.; and Byro, Thomas, to Bobst SA. Flexible coupling for a gravure cylinder. 4,499,831, 2-19-85, Cl. 101-152.000.
- Anastasio, Maurizio: *See—*
  - Rossi, Pietro P.; and Anastasio, Maurizio, 4,491,528, Cl. 252-56.00S.
- Anastassiou, Dimitris; and Pennebaker, William B., to International Business Machines Corporation. Nonlinear filtering of gray scale images. 4,504,864, 3-12-85, Cl. 358-167.000.
- Anastassiou, Dimitris, to International Business Machines Corporation. Data compression method for graphics images. 4,546,385, 10-8-85, Cl. 358-133.000.
- Anatolev, Alex: *See—*
  - Swartz, Franklin J.; and Anatolev, Alex, 4,522,398, Cl. 273-84.00R.
- Anatros Corporation: *See—*
  - Danby, Hal C.; and Ritson, Carl, 4,533,350, Cl. 604-253.000.
  - Danby, Hal C.; and Ciupke, Werner W., 4,537,387, Cl. 251-331.000.
  - Danby, Hal C.; and Ritson, Carl, 4,548,023, Cl. 53-452.000.
  - Danby, Hal C.; and Ritson, Carl, 4,554,837, Cl. 73-705.000.
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  - Danby, Hal C.; and Ritson, Carl, 4,555,950, Cl. 73-705.000.
  - Danby, Hal C.; and Ritson, Carl, 4,559,045, Cl. 604-250.000.
- Anaya, Jose R., to Industrial de Valvulas, S.A. de C.V. Mechanically balanced tapered plug valve. 4,519,414, 5-28-85, Cl. 137-246.220.
- Anazawa, Osamu: *See—*
  - Kurosawa, Akihito; and Anazawa, Osamu, 4,542,834, Cl. 221-116.000.
- Anazawa, Shinzo; Yamada, Hitoshi; Noda, Kuniharu; and Fujimoto, Yasuyuki, to Nippon Electric Co., Ltd.; and Narumi China Corporation. Electronic part mounting construction and method for manufacturing the same. 4,527,010, 7-2-85, Cl. 174-52.0FP.
- ANB Jackets de Puerto Rico: *See—*
  - Dorman, Isidore, 4,523,401, Cl. 40-159.000.
- Anbe, Yoshiharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for controlling continuous rolling mill and control apparatus therefor. 4,506,532, 3-26-85, Cl. 72-8.000.
- Anbe, Yoshiharu: *See—*
  - Koyama, Toshihiro; Anbe, Yoshiharu; and Funahashi, Takuo, 4,507,946, Cl. 72-17.000.
- Anbo, Kiyoshi: *See—*
  - Kiyooka, Katsumi; Harada, Atsushi; and Anbo, Kiyoshi, 4,494,490, Cl. 123-41.560.
- Ancel, Christian; and Philibert, Pierre, to Compagnie Generale des Etablissements Michelin. Compositions having a base of sulfur-vulcanizable rubber. 4,549,594, 10-29-85, Cl. 152-359.000.
- Ancet Corporation: *See—*
  - Kitrilakis, Sotiris; and Johnson, Theodore R., 4,535,778, Cl. 128-635.000.
- Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, to Delalande S.A. -N-Substituted phenyl-5-methoxymethyl-2-oxazolidinones and pharmaceutical compositions containing same. 4,517,197, 5-14-85, Cl. 514-376.000.
- Ancher, Jean-Francois R.: *See—*
  - Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.
- Anchor Continental Inc.: *See—*
  - Bell, John E., 4,516,976, Cl. 604-389.000.
  - Brockington, F. Rhett; and Foster, William Z., 4,539,248, Cl. 428-161.000.
- Anchor/Darling Valve Company: *See—*
  - Karpenko, Anatole N., 4,502,503, Cl. 137-527.800.
- Anchor Hocking Corporation: *See—*
  - Asmus, Edward, 4,545,487, Cl. 206-508.000.
  - Nixdorff, Frank S.; and Dornbusch, Arthur H., 4,503,986, Cl. 215-252.000.
  - Shull, Robert W., 4,531,649, Cl. 215-232.000.
  - Steiner, Gerald E., 4,522,307, Cl. 215-219.000.
- Anchor, Michael J.; and Camp, Ronald L., to BASF Wyandotte Corporation. Solubilization of benzylidene acetone in zinc electroplating baths. 4,528,075, 7-9-85, Cl. 204-55.00R.
- Anchor, Michael J.: *See—*
  - Camp, Ronald L.; Dexheimer, Edward M.; and Anchor, Michael J., 4,555,549, Cl. 525-409.000.
- Anchor Wire Corporation: *See—*
  - Hogg, James W., 4,524,939, Cl. 248-467.000.
  - Hogg, James W., 4,542,876, Cl. 248-491.000.
- Anciens Ateliers Macler P. Suinat & Cie Srs: *See—*
  - Suinat, Jean-Pierre A.; and Suinat, Rene P. J., 4,546,894, Cl. 215-354.000.
- Ancillai, Louis D.: *See—*
  - Sim, F. Thomas; Ancillai, Louis D.; and Leikam, Carson, 4,547,296, Cl. 210-778.000.
- Anco Engineers, Incorporated: *See—*
  - Ibanez, Paul; Stoessel, John; and Barrett, Donald C., 4,560,016, Cl. 177-210.00R.
- Ancos Co., Ltd.: *See—*
  - Hashimoto, Yasuyuki; and Shimizu, Kazuo, 4,544,295, Cl. 401-65.000.
- Ancra Corporation: *See—*
  - Nordstrom, Arnold B., 4,530,483, Cl. 248-500.000.
  - Nordstrom, Arnold B., 4,540,080, Cl. 193-40.000.
  - Prete, Ernest, Jr.; and Knox, Howard, 4,510,651, Cl. 24-68.00R.
- Anctil, Stephen N.; Gleason, Robert F.; Hadfield, Don A.; Logan, John S. B., Jr.; and Richardson, Alfred G., to AT&T Bell Laboratories. Optical fiber cable including a strain equalizing adhesive which constrains optical loss. 4,538,881, 9-3-85, Cl. 350-96.230.
- Anden, Bengt; Ramstrom, Bengt; and Sodergard, Bengt, to ITT Industries, Inc. Device for guiding a submersible pump unit. 4,503,942, 3-12-85, Cl. 187-95.000.

Anderberg, Thomas E.: *See—*
Spencer, William H.; and Anderberg, Thomas E., 4,514,799, Cl. 364-200.000.

Anderegg, Fredy; Furrer, Josef; and Dappen, Heinz, to Autophon AG. Printed circuit assembly. 4,533,787, 8-6-85, Cl. 174-68.500.

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Anderka, Gerold: *See—*
Brandt, Joachim; Deblitz, Gerhard; Post, Jurgen; Willimczik, Bernd; Marten, Rolf; Paschen, Rolf; and Anderka, Gerold, 4,496,958, Cl. 346-139.00R.

Anderlohr, Axel: *See—*
Schuster, Ludwig; Mueller, Franz-Josef; Anderlohr, Axel; Blei, Peter; Eigenberger, Gerhart; Hoppner, Bernd; Kaibel, Gerd; and Steiner, Wolfgang, 4,517,391, Cl. 568-885.000.

Anders, Christian; and Beiersdorfer, Roland. Liquid pulsation dampener device. 4,514,151, 4-30-85, Cl. 417-540.000.

Anders, Dennis F., to National Gypsum Company. Horizontal sliding window with removable fixed sash. 4,554,770, 11-26-85, Cl. 52-207.000.

Anders, Dietmar, to Hermann Berstorff Maschinenbau GmbH. Extruder. 4,508,454, 4-2-85, Cl. 366-80.000.

Anders, Dietmar, to Hermann Berstorff Maschinenbau GmbH. Method of monitoring the production of extruded profiles and an apparatus incorporating means for effecting such monitoring. 4,515,738, 5-7-85, Cl. 264-40.700.

Anders, Dietmar: *See—*
Herbert, Adolf; Anders, Dietmar; and Meier, Gunter, 4,548,568, Cl. 425-131.100.

Anders, Edward O., to Dailey Petroleum Services Corp. Method and apparatus for controlling azimuthal drift of a drill bit. 4,508,182, 4-2-85, Cl. 175-61.000.

Anders, Edward O., to Dailey Petroleum Services Corp. Adjustable length drilling sub. 4,526,241, 7-2-85, Cl. 175-76.000.

Anders, Gene A., to Caterpillar Tractor Co. Heat exchanger core with varied-angle tubes. 4,542,786, 9-24-85, Cl. 165-144.000.

Anders, Helmut; and Dietrich, Gunter, to Rahdener Maschinenfabrik August Kolbus GmbH & Co. Jacket application device for a book binding machine. 4,491,448, 1-1-85, Cl. 412-21.000.

Anders, James V.; Anderson, Thomas W.; Geiger, Daniel D.; and Turnpaugh, George F., to AT&T Bell Laboratories. Circuit for maintaining the DC voltage on an electrically isolated telecommunication line at a reference level. 4,551,670, 11-5-85, Cl. 323-281.000.

Anders, Jude R.: *See—*
Froehling, Paul H.; Anders, Jude R.; Strojny, Lawrence J.; and Rehberger, James M., 4,497,031, Cl. 364-505.000.

Anders, Peter; and Schierling, Bernhard, to Fichtel & Sachs AG. Torsional vibration damper unit. 4,493,673, 1-15-85, Cl. 464-66.000.

Anders, Peter. Clamping device for long trousers, particularly in suitcases. 4,561,539, 12-31-85, Cl. 206-279.000.

Andersen, Brad E.; Hamilton, Billy H.; and Schroeder, Robert E., to AT&T Bell Laboratories. Alarm limit recentering arrangement for maintaining uniform alarm limit tolerances about a sloping regulation characteristic. 4,562,548, 12-31-85, Cl. 364-483.000.

Andersen Corp.: *See—*
Yackiw, Charles; and Lynn, Jeffrey M., 4,528,788, Cl. 52-207.000.

Andersen, David P.; Hedin, Raymond C.; and Siebenand, John F., to Sperry Corporation. Speech sampling and companding device. 4,550,425, 10-29-85, Cl. 381-30.000.

Andersen, Dennis, to Armotek Industries, Inc. Metal coated thin wall plastic printing cylinder for rotogravure printing. 4,503,769, 3-12-85, Cl. 101-153.000.

Andersen, Dennis H., to MTS Systems Corporation. Crosshead and bolster spacing control for servo controlled press. 4,531,901, 7-30-85, Cl. 425-150.000.

Andersen, Einar; and Boe, Gunnar H., to Elkem a/s. Hydrometallurgical method of extraction of copper from sulphide-containing material. 4,552,632, 11-12-85, Cl. 204-107.000.

Andersen, Erik: *See—*
Quinn, David G.; Edwards, Robert B., II; and Andersen, Erik, 4,529,102, Cl. 222-94.000.

Andersen, Hans: *See—*
Strandberg, Hans G.; and Andersen, Hans, 4,535,776, Cl. 128-419.0PG.

Andersen, Harold W.; and Harrison, Charles H., to H. W. Andersen Products Inc. Apparatus and method for testing the sufficiency of sterilization. 4,528,268, 7-9-85, Cl. 435-31.000.

Andersen, Helge H., to Kongskilde Koncernselskab A/S. Flexible tine harrow for the preparation of seed beds. 4,561,504, 12-31-85, Cl. 172-142.000.

Andersen, Ib H. Device for preventing or reducing emittance of odors. 4,546,727, 10-15-85, Cl. 119-1.000.

Andersen, Ingar F.; Lutts, Timothy W.; and Lam, Eddie W., to GCA Corporation. Apparatus and method for separating wax from an entrainer gas. 4,502,871, 3-5-85, Cl. 55-82.000.

Andersen, James H. Combined switch and circuit breaker. 4,528,538, 7-9-85, Cl. 337-43.000.

Andersen, Jorgen, to Radiometer A/S. Syringe for collecting a liquid sample. 4,519,402, 5-28-85, Cl. 128-765.000.

Andersen, Jorn W., to Continental Group, Inc., The. Method for restoring dented areas in bottle neck finish. 4,522,770, 6-11-85, Cl. 264-36.000.

Andersen, Kjeld J.: *See—*
Pedersen, Karsten; Rostrup-Nielsen, Jens R.; Jorgensen, Ib G. H.; and Andersen, Kjeld J., 4,540,714, Cl. 518-714.000.

Andersen, Lars H.; and Hilden, Leif A. Use of phthalyltaurine sulfonamide derivatives in treating epilepsy and arrythmia. 4,556,673, 12-3-85, Cl. 514-414.000.

Andersen, Leonard M. Method for in-situ recovery of energy raw materials by the introduction of cryogenic liquid containing oxygen. 4,495,993, 1-29-85, Cl. 166-261.000.

Andersen, Per F. Wave making machines. 4,507,018, 3-26-85, Cl. 405-79.000.

Andersen, Poul, to Allegheny Ludlum Steel Corporation. Method and apparatus for slitting metal strip. 4,516,736, 5-14-85, Cl. 242-56.200.

Andersen, Robert P.: *See—*
Duga, Robert J.; Kulig, Constantine W.; Doughty, Robert L.; Douglas, Robert J.; and Andersen, Robert P., 4,551,163, Cl. 65-129.000.

Andersen, Steen, to Helioprint AS. Reproduction camera with system to correct exposure for stray light. 4,558,945, 12-17-85, Cl. 355-68.000.

Andersen, W. Lee: *See—*
Violett, Robert S.; and Andersen, W. Lee, 4,557,107, Cl. 60-269.000.

Anderson, Alan; and Spector, George, to Anderson, Alan. Zodiac designer jeans. 4,513,454, 4-30-85, Cl. 2-246.000.

Anderson, Alan S., to Williamson Corporation. Temperature measuring apparatus. 4,561,786, 12-31-85, Cl. 374-129.000.

Anderson, Albert G.; and Dueber, Thomas E., to Du Pont de Nemours, E. I., and Company. Constrained n-alkylamino aryl ketones as sensitizers for photopolymer compositions. 4,535,052, 8-13-85, Cl. 430-277.000.

Anderson, Albert L.: *See—*
Barnes, Ronald L., 4,542,861, Cl. 242-86.50R.

Anderson, Albert R., to Aluminum Company of America. Two-point spring loaded thermocouple probe with replaceable tips. 4,552,465, 11-12-85, Cl. 374-179.000.

Anderson, Alex L. Electrical discharge surface conditioning device. 4,553,012, 11-12-85, Cl. 219-69.00R.

Anderson, Alexander B., to ASE (UK) Limited. Adjustable seat belt anchorage. 4,538,832, 9-3-85, Cl. 280-808.000.

Anderson, Alfred J.; and Thomas, Robert J., to Atlantic Richfield Company. Method of preparing lightweight mirror module. 4,502,200, 3-5-85, Cl. 29-526.00R.

Anderson, Alfredo C.: *See—*
Lynch, John T.; Anderson, Alfredo C.; Withers, Richard S.; and Wright, Peter V., 4,499,441, Cl. 333-161.000.

Anderson, Ardis L., to Conoco Inc. Enrichment of low grade coals. 4,504,274, 3-12-85, Cl. 44-6.000.

Anderson, Arnold E.: *See—*
Melotik, Donald J.; Weintraub, Marvin H.; and Anderson, Arnold E., 4,539,233, Cl. 427-388.100.

Anderson, Arnold N.: *See—*
Mautner, Jacob E.; Crennan, Gerard; and Anderson, Arnold N., 4,539,727, Cl. 16-285.000.

Anderson, Arthur H., to Bimax Controls, Inc. Check valve. 4,527,733, 7-9-85, Cl. 236-41.000.

Anderson, Arthur W.; Fritschel Scott J.; and Holmquist, Howard E., to Du Pont de Nemours, E. I., and Company. Fluorinated alkyl ether-containing ethylenes, precursors thereto, and copolymers thereof with tetrafluoroethylene. 4,522,995, 6-11-85, Cl. 526-243.000.

Anderson, Bernard O., to Nielsen Industries, Inc. Milking barn. 4,508,059, 4-2-85, Cl. 119-14.030.

Anderson, Brian G.: *See—*
Tarnowski, Andrew A.; and Anderson, Brian G., 4,518,898, Cl. 315-371.000.

Anderson, Bruce W., to Allied Corporation. Brake actuator-adjuster mechanism. 4,503,950, 3-12-85, Cl. 188-196.00R.

Anderson, Burton C.; England, David C.; and Resnick, Paul R., to Du Pont de Nemours, E. I., and Company. Cyclic monomers derived from trifluoropyruvate esters. 4,496,750, 1-29-85, Cl. 549-455.000.

Anderson, C. Roger: *See—*
Kogen, James; and Anderson, C. Roger, 4,514,836, Cl. 369-74.000.

Anderson, Carl; and Craig, Richard H., to General Battery Corporation. Battery grids. 4,555,459, 11-26-85, Cl. 429-211.000.

Anderson, Carl E. Scaffolding staging. 4,499,967, 2-19-85, Cl. 182-222.000.

Anderson, Carl E., to Anderson-Cook, Inc. Die for splining thin-wall power transmitting members. 4,506,537, 3-26-85, Cl. 72-469.000.

Anderson, Carl J., to International Business Machines Corporation. Look-back analog to digital converter. 4,551,704, 11-5-85, Cl. 340-347.0AD.

Anderson, Carl M.: *See—*
Freudenthal, Frank D.; and Anderson, Carl M., 4,512,436, Cl. 182-2.000.
Traver, Darwin G.; Anderson, Carl M.; and Abdelhamid, Amr N., 4,504,188, Cl. 415-1.000.

Anderson, Carl P., to Ricoh Company, Ltd. Electrophotographic copying apparatus including transfer hold-down pump. 4,550,999, 11-5-85, Cl. 355-3.0TR.

Anderson, Charles H.: *See—*
Carlson, Curtis R.; Adelson, Edward H.; and Anderson, Charles H., 4,523,230, Cl. 358-167.000.

Anderson, Chester C.: *See—*

Beckstrom, Ronald D.; and Anderson, Chester C., 4,494,682, Cl. 222-551.000.

Anderson, Clayton & Co.: *See—*

Sinclair, Stuart W., 4,556,359, Cl. 414-621.000.

Anderson, Clifford E.; Simon, Clarence E.; and Barnes, Phillip E. Bingo card support. 4,555,084, 11-26-85, Cl. 248-460.000.

Anderson, Clifford J.: *See—*

Bland, Linden; and Anderson, Clifford J., 4,549,432, Cl. 73-200.000.

Anderson, Clifford L., to Eastman Kodak Company. Apparatus for guiding and cooling a heated image-carrying support. 4,545,671, 10-8-85, Cl. 355-3.0SH.

Anderson, Clifford W. Translotor log trailer. 4,496,166, 1-29-85, Cl. 280-401.000.

Anderson Company of Indiana, The: *See—*

Harbison, William H.; and Frankus, Andrew, 4,546,518, Cl. 15-250.230.

Plisky, John J., 4,501,043, Cl. 15-250.420.

Anderson, Conrad V., to Zero-Max Industries, Incorporated. Torque overload release coupling. 4,548,305, 10-22-85, Cl. 192-56.00R.

Anderson-Cook, Inc.: *See—*

Anderson, Carl E., 4,506,537, Cl. 72-469.000.

Jungesjo, Harald N., 4,545,230, Cl. 72-108.000.

Killop, James T., 4,520,540, Cl. 29-90.00B.

Anderson, Darl: *See—*

Brown, Milton F., Jr.; and Anderson, Darl, 4,504,082, Cl. 280-735.000.

Anderson, Daryl E.: *See—*

Brown, Robert L.; Jones, William A.; and Anderson, Daryl E., 4,508,586, Cl. 156-401.000.

Anderson, David F., to United States of America, Energy. Imaging alpha particle detector. 4,527,064, 7-2-85, Cl. 250-374.000.

Anderson, David K., to Combustion Engineering, Inc. Char reinjection system for bark fired furnace. 4,532,872, 8-6-85, Cl. 110-255.000.

Anderson, David L.: *See—*

Mullally, Charles J.; Brown, Steven L.; Anderson, David L.; and Hitchcock, Robert F., 4,509,340, Cl. 62-503.000.

Anderson, David M.; and Kim, Yung J., to Baker Oil Tools, Inc. Insulated tubing joint. 4,501,440, 2-26-85, Cl. 285-47.000.

Anderson, David M., to Baker Oil Tools, Inc. Insulating tubular conduit. 4,526,408, 7-2-85, Cl. 285-47.000.

Anderson, David M., to Phytogen. Plant vector. 4,536,475, 8-20-85, Cl. 435-172.300.

Anderson, Dennis M. Automatic pouring and dispensing machine for manufacturing hard and soft candy. 4,500,273, 2-19-85, Cl. 425-143.000.

Anderson, Diana M.: *See—*

Farrell, George; Anderson, Diana M.; and Walton, Michael E., 4,533,527, Cl. 423-53.000.

Anderson, Donald G.; and Ferrara-Jordan, Elisa M., to American Home Products Corporation. Physiological trend data recorder. 4,513,294, 4-23-85, Cl. 346-33.0ME.

Anderson, Edward, Jr., to Goodyear Tire & Rubber Company, The. Reclaiming of vulcanized rubber. 4,544,675, 10-1-85, Cl. 521-43.000.

Anderson, Edward M. Apparatus and method for separating a mixture of three liquids. 4,521,312, 6-4-85, Cl. 210-744.000.

Anderson, Edwin A.; and Webb, Derrel D. Drill string shock absorber. 4,552,230, 11-12-85, Cl. 175-321.000.

Anderson, Edwin A.: *See—*

Webb, Derrel D.; and Anderson, Edwin A., 4,545,444, Cl. 175-296.000.

Anderson, Eric G., to Rockwell International Corporation. Data input module. 4,521,679, 6-4-85, Cl. 235-492.000.

Anderson, Eric G., to Rockwell International Corporation. Key card receiver. 4,547,661, 10-15-85, Cl. 235-482.000.

Anderson, Eric G., to Rockwell International Corporation. Driver key car identifying system. 4,555,619, 11-26-85, Cl. 235-492.000.

Anderson, Eric V.: *See—*

Prescott, Robert C.; Gold, Calman; and Anderson, Eric V., 4,492,246, Cl. 137-85.000.

Anderson, Everett D.: *See—*

Leslie, James E.; and Anderson, Everett D., 4,529,401, Cl. 604-131.000.

Anderson, Frank E.; and Martin, Robert A. Sanitizer system for beverage can filler machine. 4,559,961, 12-24-85, Cl. 134-166.00R.

Anderson, Garth R.; Manly, Kenneth F.; and Mittelman, Arnold, to Health Research, Inc. (Roswell Park Divison). Process for detecting LDH$_k$ isozyme activity in human serum for use as a diagnostic aid and for monitoring response to cancer therapy. 4,558,007, 12-10-85, Cl. 435-26.000.

Anderson, Gene S., to Cooper Industries, Inc. Thermally stabilized fiber optic cable. 4,515,435, 5-7-85, Cl. 350-96.230.

Anderson, Gene S.; and Watson, David B., to Cooper Industries, Inc. Hybrid cable. 4,552,432, 11-12-85, Cl. 350-96.230.

Anderson, George A., III: *See—*

Fraser, Howard H., Jr.; and Anderson, George A., III, 4,511,314, Cl. 417-363.000.

Anderson, George B., to Sea World, Inc. Marine acoustic analysis system and method. 4,509,151, 4-2-85, Cl. 367-118.000.

Anderson, George F.; and Burt, Dan L., to Motorola, Inc. Metallization means and method for high temperature applications. 4,495,222, 1-22-85, Cl. 427-89.000.

Anderson, George F., to U.S. Leisure Incorporated. Nozzle for water tub. 4,537,358, 8-27-85, Cl. 239-413.000.

Anderson, Glen L.: *See—*

Littman, Erwin J.; and Anderson, Glen L., 4,558,758, Cl. 180-8.100.

Anderson, Gordon K.; and Savage, William S., to Carrier Corporation. Modular air conditioning unit for mobile cargo container. 4,549,405, 10-29-85, Cl. 62-239.000.

Anderson, Graydon E. Internal roll compression system. 4,543,881, 10-1-85, Cl. 100-121.000.

Anderson, Harry B.; and Zalewski, Jack J., to Eaton Corporation. Integral multiswitch display panel. 4,501,937, 2-26-85, Cl. 200-5.00A.

Anderson, Herbert R., Jr.; Araps, Constance J.; and Bates, Richard A., to International Business Machines Corporation. Solder and braze fluxes and processes for using the same. 4,504,007, 3-12-85, Cl. 228-123.000.

Anderson, Herbert R., Jr.; Sachdev, Harbans S.; and Sachdev, Krishna G., to International Business Machines Corporation. Use of depolymerizable polymers in the fabrication of lift-off structure for multilevel metal processes. 4,519,872, 5-28-85, Cl. 156-643.000.

Anderson, Herbert R., Jr.; Araps, Constance J.; and Lotsko, Catherine A., to International Business Machines Corporation. Process for forming metal patterns wherein metal is deposited on a thermally depolymerizable polymer and selectively removed. 4,539,222, 9-3-85, Cl. 427-88.000.

Anderson, Howard L.: *See—*

Long, Nathan R.; and Anderson, Howard L., 4,505,646, Cl. 417-172.000.

Anderson, Hugh G., Jr.: *See—*

Shapiro, Wilbur; Graham, Richard W., II; and Anderson, Hugh G., Jr., 4,544,285, Cl. 384-99.000.

Anderson, Ingvar G.: *See—*

Mackenzie, Harold B.; and Anderson, Ingvar G., 4,517,925, Cl. 122-2.000.

Anderson, J. Edward, to University of Minnesota, Regents of the. Switch mechanism. 4,522,128, 6-11-85, Cl. 104-130.000.

Anderson, Jack F.; and Melrose, Clayton, to Anderson, Jack F. Retractable in-row tiller device. 4,491,183, 1-1-85, Cl. 172-5.000.

Anderson, Jack F.; Melrose, Clayton; and Melrose, Floyd, to Anderson, Jack F. Tool apparatus with control to move tool when object approached. 4,518,043, 5-21-85, Cl. 172-6.000.

Anderson, James D.; and Seigle, Sandra K., to Amchem Products. Inhibitor-containing acid cleaning compositions and processes. 4,541,945, 9-17-85, Cl. 252-149.000.

Anderson, James D.; and Crossin, Patrick, to Burndy Corporation. Compression hand tool. 4,542,583, 9-24-85, Cl. 29-749.000.

Anderson, James E.; Coleman, Michael J.; and Livermore, Frederick C., to Northern Telecom Limited. Overvoltage protection device. 4,544,983, 10-1-85, Cl. 361-119.000.

Anderson, James E.: *See—*

Charlebois, Leonard J.; and Anderson, James E., 4,549,039, Cl. 174-72.00R.

Anderson, James J., to Mobil Oil Corporation. Highly flame resistant rigid urethane-isocyanurate foam compositions. 4,521,547, 6-4-85, Cl. 521-137.000.

Anderson, James J.: *See—*

Lyman, Dale E.; and Anderson, James J., 4,512,932, Cl. 260-990.000.

Anderson, James L.; and Brewster, Jeffrey D., to University of Georgia Research Foundation, Inc. Fiber optic thin-layer cell. 4,540,280, 9-10-85, Cl. 356-246.000.

Anderson, James M.; Knight, Thomas S., III; Kitagawa, Dennis T.; and Rey, Ernesto, to National Semiconductor Corporation. Self repairing bulk memory. 4,493,075, 1-8-85, Cl. 371-10.000.

Anderson, James Y. Powder dispensing container for dripless assembly to and disassembly from a flame spraying torch. 4,506,807, 3-26-85, Cl. 222-181.000.

Anderson, James Y. Apparatus for controlling the rate of fluent material. 4,546,902, 10-15-85, Cl. 222-129.200.

Anderson, Jeff L., to NCR Corporation. Method for forming multiple images on a photographic film. 4,497,892, 2-5-85, Cl. 430-347.000.

Anderson, Jeff L., to NCR Corporation. Method and apparatus for the production of electret material. 4,512,940, 4-23-85, Cl. 264-22.000.

Anderson, Jeffrey A.: *See—*

Rodriguez, Alfonzo S., Jr.; and Anderson, Jeffrey A., 4,533,138, Cl. 273-26.00R.

Anderson, Jeffrey L.; Ruhoff, Philip J.; and Edenborg, Robert B., to Valspar Corporation, The. Cationic electrodeposition composition. 4,511,692, 4-16-85, Cl. 525-7.000.

Anderson, Jerry C. Articulator device and method. 4,500,290, 2-19-85, Cl. 433-54.000.

Anderson, Jerry M., to AT&T Bell Laboratories. Optical connector sleeve. 4,541,685, 9-17-85, Cl. 350-96.210.

Anderson, Joe C. Fishing rod holder. 4,528,768, 7-16-85, Cl. 43-21.200.

Anderson, John. Three way valve. 4,535,821, 8-20-85, Cl. 137-884.000.

Anderson, John D.: *See—*

Wainwright, Ronald C.; Goy, Nicholas M.; Anderson, John D.; Pettigrew, Robert M.; and Bradbrook, John D., 4,541,695, Cl. 350-429.000.

Anderson, John E., to Union Carbide Corporation. Oxygen aspirator burner for firing a furnace. 4,541,796, 9-17-85, Cl. 431-187.000.

Anderson, John F., Jr.; and Long, Delmar D., to Dayco Corporation. Polymeric-coated fabric layer, product utilizing the layer and method of making the same. 4,522,869, 6-11-85, Cl. 428-245.000.

Anderson, John F., Jr.: *See—*

Long, Delmar D.; and Anderson, John F., Jr., 4,520,038, Cl. 427-26.000.

Anderson, John M.; and Johnson, Peter D., to General Electric Company. Use of amalgams in solenoidal electric field lamps. 4,499,400, 2-12-85, Cl. 313-265.000.

Anderson, John M., to General Electric Company. Fluorescent lamp without ballast. 4,508,993, 4-2-85, Cl. 315-59.000.

Anderson, John M., to General Electric Company. Fluorescent lamp electrodes. 4,523,125, 6-11-85, Cl. 313-491.000.

Anderson, John M.; and Johnson, Peter D., to General Electric Company. Use of amalgams in solenoidal electric field lamps. 4,528,209, 7-9-85, Cl. 427-67.000.

Anderson, John N.: *See—*
  Santoso, Muljadi; and Anderson, John N., 4,530,881, Cl. 428-421.000.

Anderson, John W., to Temp Tech, Inc. Controlled temperature food carrier. 4,543,471, 9-24-85, Cl. 219-387.000.

Anderson, John W., Jr.; and Roche, William J., to GTE Products Corporation. Rapid start fluorescent lamp with a bimetal electrode disconnect switch. 4,510,418, 4-9-85, Cl. 315-73.000.

Anderson, John W., Jr.: *See—*
  Roche, William J.; and Anderson, John W., Jr., 4,494,041, Cl. 315-49.000.
  Schlitt, Steven C.; Yong, Thomas S.; Roche, William J.; and Anderson, John W., Jr., 4,495,440, Cl. 313-492.000.

Anderson, Joseph R., to Werner Lehara, Inc. Positive-displacement volumetric depositor apparatus for baking dough and the like. 4,494,920, 1-22-85, Cl. 425-190.000.

Anderson, Joseph R., to Werner Lehara, Inc. Quantity-metering depositor for flowable food products. 4,503,995, 3-12-85, Cl. 222-219.000.

Anderson, Joseph W., to Marine Construction & Design Co. Regenerable flow-through oil/water separation apparatus. 4,497,707, 2-5-85, Cl. 210-136.000.

Anderson, Katherine H., to Medtronic, Inc. Digital gain control for the reception of telemetry signals from implanted medical devices. 4,531,523, 7-30-85, Cl. 128-419.0PT.

Anderson, Keith, to Tocco, Inc. Flux concentrator assembly for inductor. 4,549,057, 10-22-85, Cl. 219-10.790.

Anderson, Keith D., to Northern Telecom Limited. Dual wavelength optical system. 4,502,762, 3-5-85, Cl. 350-394.000.

Anderson, Keith D.: *See—*
  Lair, Clair K.; Jonas, Jules; and Anderson, Keith D., 4,522,356, Cl. 244-3.150.

Anderson, Kenneth: *See—*
  Stonestreet, Paul R.; Williams, David; Anderson, Kenneth; and Butcher, Peter J. L., 4,550,411, Cl. 373-134.000.

Anderson, Kenneth W.: *See—*
  McCormick, Charles L.; and Anderson, Kenneth W., 4,496,724, Cl. 544-182.000.

Anderson, Kurt M.; and Morehouse, James H., to Amcodyne Incorporated. Whitney-type head loading/unloading apparatus. 4,535,374, 8-13-85, Cl. 360-103.000.

Anderson, Larry A.; and Shultz, Charles H., to Columbia Machine, Inc. Pail palletizer with rotatable clamps. 4,498,573, 2-12-85, Cl. 198-374.000.

Anderson, Laurens; and Nashed, Mina A., to Wisconsin Alumni Research Foundation. Method of preparing a disaccharide. 4,495,346, 1-22-85, Cl. 536-18.500.

Anderson, Lawrence V.: *See—*
  Newendorp, Bruce C.; Sturtz, Terry L.; and Anderson, Lawrence V., 4,559,847, Cl. 74-710.500.

Anderson, Lloyd E.: *See—*
  Bell, Dwain C.; Anderson, Lloyd E.; and Anderson, Martin L., 4,529,238, Cl. 294-8.600.

Anderson, Lloyd L.; and Girard, Leon E., to Iowa State University Research Foundation, Inc. Animal head restrainer. 4,549,501, 10-29-85, Cl. 119-99.000.

Anderson, Lowell M.; and Volk, Rodney H., to Westinghouse Electric Corp. Transport refrigeration unit. 4,551,986, 11-12-85, Cl. 62-239.000.

Anderson, Lowell M.: *See—*
  Greenheck, Donald W.; and Anderson, Lowell M., 4,527,400, Cl. 62-239.000.

Anderson, Mardis V.: *See—*
  Moorehead, Robert M.; Eppler, Susan G.; and Anderson, Mardis V., 4,507,735, Cl. 364-422.000.

Anderson, Marie T.; Michel, Karl H.; and Sands, Thomas H., to Eli Lilly and Company. A52688 Antibiotics and process for their production. 4,537,777, 8-27-85, Cl. 514-521.000.

Anderson, Marie T.: *See—*
  Boeck, LaVerne D.; Clem, Gladys M.; Hershberger, Charles L.; Anderson, Marie T.; and Michel, Karl H., 4,537,715, Cl. 260-112.50R.

Anderson, Martin, to Shell Oil Company. Insecticidal N-benzoyl-N'-phenyl-N'-(R-thio)ureas. 4,497,822, 2-5-85, Cl. 514-592.000.

Anderson, Martin, to Shell Oil Company. Pesticidal benzoylurea compounds. 4,517,193, 5-14-85, Cl. 514-471.000.

Anderson, Martin L.: *See—*
  Bell, Dwain C.; Anderson, Lloyd E.; and Anderson, Martin L., 4,529,238, Cl. 294-8.600.

Anderson, Marvin H.: *See—*
  Lee, Reuy-Lin; Kneip, George D., Jr.; and Anderson, Marvin H., 4,535,291, Cl. 324-320.000.

Anderson, Max F. Wind generating means. 4,497,177, 2-5-85, Cl. 60-641.120.

Anderson, Max F. Wind generating means. 4,507,916, 4-2-85, Cl. 60-641.100.

Anderson, Maynard E.; Marshall, Robert T.; and Hulse, Mark M., to United States of America, Agriculture. Spectrophotometric method for simultaneously analyzing protein and fat contents in milk. 4,497,898, 2-5-85, Cl. 436-23.000.

Anderson, Michael H.; Lyons, Christopher S.; and Wigness, Bruce D., to University of Minnesota, Regents of the. Implantable catheters with non-adherent contacting polymer surfaces. 4,536,179, 8-20-85, Cl. 604-266.000.

Anderson Mining Corporation: *See—*
  Wall, Rolfe E., 4,529,133, Cl. 241-20.000.

Anderson, Nils A., to Honeywell Information Systems Inc. Computerized system and method of material control. 4,514,815, 4-30-85, Cl. 364-478.000.

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Anderson, Orin M.: *See—*
  Hall, Charles W.; and Anderson, Orin M., 4,524,466, Cl. 603-3.000.

Anderson, Patricia A.; Hagens, Roger G.; and Roden, Dianne M., to Diversey Wyandotte Inc. Conveyor track lubricant composition employing phosphate esters and method of using same. 4,521,321, 6-4-85, Cl. 252-49.300.

Anderson, Paul A.: *See—*
  Weiler, Gerhard H.; Anderson, Paul A.; and Pagels, Louis T., 4,502,614, Cl. 222-148.000.

Anderson, Paul H.: *See—*
  Sackis, John J.; and Anderson, Paul H., 4,495,319, Cl. 524-96.000.

Anderson, Paul R.: *See—*
  Robson, George E.; and Anderson, Paul R., 4,513,962, Cl. 272-68.000.

Anderson, Philip M., III; Bretts, Gerald R.; and Kearney, James E., to Allied Corporation. Surveillance system having magnetomechanical marker. 4,510,489, 4-9-85, Cl. 340-572.000.

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Anderson, R. David: *See—*
  Jacobs, George S.; and Anderson, R. David, 4,512,365, Cl. 137-413.000.

Anderson, Richard G.: *See—*
  Haldipur, Gaurang B.; Anderson, Richard G.; and Cherish, Peter, 4,493,636, Cl. 431-170.000.

Anderson, Richard J.; and Lee, Shy-Fuh, to Zoecon Corporation. Substituted phenoxyalkanediones and their herbicidal method of use. 4,522,647, 6-11-85, Cl. 71-94.000.

Anderson, Richard J.; and Leippe, Michael M., to Zoecon Corporation. Compositions. 4,544,400, 10-1-85, Cl. 71-90.000.

Anderson, Richard N., to Hunter Douglas Inc. Suspension system for suspending a venetian blind assembly. 4,493,357, 1-15-85, Cl. 160-174.000.

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Anderson, Richard N., to V. E. Anderson Mfg. Co. Window structure. 4,506,478, 3-26-85, Cl. 49-181.000.

Anderson, Richard N., to V. E. Anderson Mfg. Co. Window structure. 4,507,894, 4-2-85, Cl. 49-449.000.

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Anderson, Richard N., to Hunter Douglas Inc. Venetian blind hanger pivot assembly including a hanger pivot member having a slat engaging surface. 4,513,804, 4-30-85, Cl. 160-174.000.

Anderson, Richard N., to Hunter Douglas Inc. Suspension means for suspending venetian blind hanger pivot members. 4,515,201, 5-7-85, Cl. 160-174.000.

Anderson, Richard N., to Hunter Douglas Inc. Housing for a venetian blind tilter mechanism. 4,522,245, 6-11-85, Cl. 160-177.000.

Anderson, Richard N., to Hunter Douglas Inc. Insulated glass spacer support. 4,537,004, 8-27-85, Cl. 52-788.000.

Anderson, Richard N., to Hunter Douglas Inc. Tilter mechanism for a slatted blind. 4,541,468, 9-17-85, Cl. 160-177.000.

Anderson, Richard N., to Hunter Douglas Industries B.V. Apparatus for assembling slatted venetian blinds. 4,543,699, 10-1-85, Cl. 29-24.500.

Anderson, Richard N.: *See—*
  Gaillard, Adrianus J. C.; and Anderson, Richard N., 4,516,300, Cl. 29-24.500.
  Gaillard, Adrianus J. C.; and Anderson, Richard N., 4,545,100, Cl. 29-24.500.

Anderson, Richard W., to Ford Motor Company. Dual plug ignition system. 4,548,174, 10-22-85, Cl. 123-310.000.

Anderson, Robert D., to Honeywell Inc. Programmable integrated circuit AC resistor network. 4,551,705, 11-5-85, Cl. 340-347.0DA.

Anderson, Robert H.; Ross, William E.; and Maki, Theodore R., to Litton Systems, Inc. Magneto-optic chip with gray-scale capability. 4,495,492, 1-22-85, Cl. 340-783.000.

Anderson, Robert L., to Storage Technology Corporation. Microprocessor controlled tape capstan. 4,507,592, 3-26-85, Cl. 318-268.000.

Anderson, Robert L.; and McDonald, William R., to Ford Motor Company. Ionization probe interface circuit with high bias voltage source. 4,515,132, 5-7-85, Cl. 123-494.000.

Anderson, Robert L., to Storage Technology Corporation. Magnetic tape drive with adaptive servo. 4,531,166, 7-23-85, Cl. 360-73.000.

Anderson, Robert L., to Ford Motor Company. Output transistor driver diagnostic system. 4,538,106, 8-27-85, Cl. 324-158.00T.

Anderson, Robert W. Electrically powered sun blind. 4,554,762, 11-26-85, Cl. 49-76.000.

Anderson, Roger J.: *See—*
Lewis, Terry W.; Anderson, Roger J.; and Kerfeld, Donald J., 4,519,065, Cl. 369-275.000.

Anderson, Rogers H. Speed control apparatus for powered trailer. 4,502,557, 3-5-85, Cl. 180-14.200.

Anderson, Ronald L.; and Mascio, Maria R. Cleaning contact lenses with solution of bromelain and carboxypeptidase. 4,521,254, 6-4-85, Cl. 134-26.000.

Anderson, Roy G.: *See—*
Dominick, Thomas S.; and Anderson, Roy G., 4,555,681, Cl. 333-112.000.

Anderson, Russell Y.: *See—*
Jackson, Ronald M.; Olin, Daniel C.; and Anderson, Russell Y., 4,560,981, Cl. 340-747.000.

Anderson, Scott R.: *See—*
Adams, Gary V.; Anderson, Scott R.; and Lauritzen, Donald R., 4,530,516, Cl. 280-741.000.

Anderson, Stanley E.; and Hegler, Gary G., to General Motors Corporation. Combined vacuum pump and power steering pump assembly. 4,497,618, 2-5-85, Cl. 418-212.000.

Anderson, Stephen P., to National Starch and Chemical Corporation. Metal-filled polyimide/polyepoxide blends of improved electrical conductivity. 4,519,941, 5-28-85, Cl. 252-514.000.

Anderson, Stephen P.: *See—*
Schoenberg, Jules E.; and Anderson, Stephen P., 4,506,100, Cl. 564-430.000.

Anderson, Steven A. Seed planter attachment for chisel plow. 4,520,742, 6-4-85, Cl. 111-86.000.

Anderson, Steven A. Wheat combine. 4,522,020, 6-11-85, Cl. 56-209.000.

Anderson Strathclyde Plc: *See—*
Hogg, Thomas M., 4,536,036, Cl. 299-43.000.
Tatton, James P.; and Brownlie, James, 4,501,447, Cl. 299-43.000.
Tomlinson, James E., 4,503,731, Cl. 74-606.00R.

Anderson, Theodore G., II: *See—*
Hart, Stephen L.; and Anderson, Theodore G., II, 4,504,762, Cl. 313-30.000.

Anderson, Thomas E.; Bush, Alvin A.; and Giorgis, John, to General Electric Company. Stored charge inverter circuit. 4,492,881, 1-8-85, Cl. 307-270.000.

Anderson, Thomas L.; and Herrington, F. John, to Mobil Oil Corporation. Bag folder, transporter and carton loader having improved loading and stomper mechanism. 4,553,370, 11-19-85, Cl. 53-117.000.

Anderson, Thomas M., to Stauffer Chemical Company. Mycostatic whey and process of manufacture. 4,497,833, 2-5-85, Cl. 426-41.000.

Anderson, Thomas W.; Milczarek, Richard J.; and Peters, Carl H., to AT&T Bell Laboratories. Announcement system message playback arrangement. 4,545,043, 10-1-85, Cl. 369-32.000.

Anderson, Thomas W.: *See—*
Anders, James V.; Anderson, Thomas W.; Geiger, Daniel D.; and Turnpaugh, George F., 4,551,670, Cl. 323-281.000.

Anderson, Todd B.; Glaser, Thomas W.; and Neesz, John J., to International Business Machines Corporation. Sector servo seek control. 4,544,968, 10-1-85, Cl. 360-78.000.

Anderson, Vaughn R.: *See—*
Wintrell, Reginald; and Anderson, Vaughn R., 4,497,304, Cl. 123-527.000.

Anderson, Vernon B.: *See—*
Ong, Helen H.; Anderson, Vernon B.; and Profitt, James A., 4,524,207, Cl. 546-17.000.

Anderson, Vernon J. Product conveyor lane divider. 4,498,576, 2-12-85, Cl. 198-426.000.

Anderson, Wayne K.; and Quagliato, Dominick A., to Research Foundation of State University of New York, The. Synthesis of platinum (IV) antineoplastic agents. 4,550,187, 10-29-85, Cl. 556-137.000.

Anderson, Wayne R., to Sundstrand Corporation. Two member boost stage valve for a hydraulic control. 4,537,220, 8-27-85, Cl. 137-625.640.

Anderson, Wayne R.: *See—*
Anderson, William J.; and Anderson, Wayne R., 4,496,060, Cl. 211-124.000.

Anderson, William C.; Boundy, Bruce K.; and Schoumaker, Raoul J. P., to Westinghouse Electric Corp. Swivel-tilt platform. 4,500,060, 2-19-85, Cl. 248-349.000.

Anderson, William C.: *See—*
Westdale, Virgil W.; Hanrahan, James L.; and Anderson, William C., 4,514,077, Cl. 355-3.0DD.

Anderson, William H., to Dunrite, Inc. High vacuum apparatus. 4,531,256, 7-30-85, Cl. 15-300.00A.

Anderson, William J.; and Anderson, Wayne R., to Enamel Products and Plating Co. Garment hanger support for transportable wardrobe. 4,496,060, 1-29-85, Cl. 211-124.000.

Anderson, William J., to Enamel Products and Plating Co. Doorstop having bayonet engageable bracket and separately mounted shield. 4,532,672, 8-6-85, Cl. 16-86.00A.

Anderson, William T. Flowable concrete delivery handling apparatus. 4,524,994, 6-25-85, Cl. 285-38.000.

Anderson, William T., to AT&T Bell Laboratories. Optical fiber fabrication process comprising determining mode field radius and cut-off wavelength of single mode optical fibers. 4,552,578, 11-12-85, Cl. 65-29.000.

Andersson, Alf H. Apparatus for planting seeds in drills at predetermined intervals. 4,516,690, 5-14-85, Cl. 221-233.000.

Andersson, Alf H., to Ingenjorsfirman Alf Andersson Handelsbolag. Method and apparatus for spreading and distributing a solid or liquid particulate material. 4,530,462, 7-23-85, Cl. 239-7.000.

Andersson, Anders I., to KMW Aktiebolag. Method and apparatus for measuring the size of a discharge slot in a headbox. 4,539,073, 9-3-85, Cl. 162-198.000.

Andersson, Arne; and Larsson, Peter, to Trilack Utrustningar AB. Agitator. 4,518,265, 5-21-85, Cl. 366-318.000.

Andersson, Arvo E.: *See—*
Jarvinen, Erkki J.; Taskinen, Pekka M.; Pullo, Jarmo J.; Kinnunen, Seppo T.; and Andersson, Arvo E., 4,540,290, Cl. 366-286.000.

Andersson, Bengt T., to Outokumpu Oy. Method for producing blister copper. 4,528,033, 7-9-85, Cl. 75-73.000.

Andersson, Bo. Hydraulic valve means. 4,535,809, 8-20-85, Cl. 137-596.140.

Andersson, Bror A. E. Tartar removal instrument. 4,505,678, 3-19-85, Cl. 433-143.000.

Andersson, Bror A. E.; and Lindblom, Ragnvald E. Impression tray for dental purposes. 4,530,662, 7-23-85, Cl. 433-37.000.

Andersson, Finn, to Desco K/S. Process of cleaning flue gases from heating plants. 4,562,053, 12-31-85, Cl. 423-235.000.

Andersson, Folke O. A.; and Larsson, Hakan A., to Telefonaktiebolaget LM Ericsson. Holder for electronic components. 4,556,269, 12-3-85, Cl. 339-75.00M.

Andersson, Hakan. Transport box. 4,503,973, 3-12-85, Cl. 206-386.000.

Andersson, Hans. Constructional unit. 4,539,247, 9-3-85, Cl. 428-138.000.

Andersson, Hans O. V.; Rundkvist, Kjell D.; and Samsioe, Per E., to Telefonaktiebolaget LM Ericsson. Electronic current interrupter included in a DC distribution system. 4,528,608, 7-9-85, Cl. 361-18.000.

Andersson, Helge: *See—*
Hilmersson, Anders; Lagerstedt, Jan; and Andersson, Helge, 4,512,935, Cl. 261-79.00A.
Lagerstedt, Jan. E. R.; and Andersson, Helge, 4,559,068, Cl. 55-399.000.

Andersson, Henry, to Affarsverket FFV. Universal joint. 4,543,076, 9-24-85, Cl. 464-152.000.

Andersson, Henry, to Affarsverket FFV. Adjustable steering column support. 4,554,843, 11-26-85, Cl. 74-493.000.

Andersson, Jan; Swedberg, Valter; Trok, Benjamin; and Paulsson, Kurt Intercept information display for a private automatic branch exchange telephone system. 4,529,841, 7-16-85, Cl. 179-18.0BE.

Andersson, Karl Erik E., to Verktygsingustri I Blidsberg Aktiebolag. Machine comprising a reciprocating operative member. 4,517,879, 5-21-85, Cl. 92-136.000.

Andersson, Karl F.; and Eriksson, Bolik A. G., to Aktiebolaget Electrolux. Method and arrangement for maintaining a frost-free freezer. 4,513,579, 4-30-85, Cl. 62-176.200.

Andersson, Karl-Hugo; Karlsson, Ingemar; and Quick, Rolf, to Flakt Aktiebolag. Drying plant for a material web. 4,505,053, 3-19-85, Cl. 34-155.000.

Andersson, Karl J. L., to KMW Aktiebolag. Control system for a multilayer headbox using an ultrasonic transducer. 4,526,653, 7-2-85, Cl. 162-259.000.

Andersson, Kenneth; and Pihl, Per, to Alfa-Laval AB. Method of improving the whipping properties of cream. 4,556,574, 12-3-85, Cl. 426-570.000.

Andersson, Kenneth L., to Alfa-Laval AB. Spreadable fat product and method for its production. 4,511,591, 4-16-85, Cl. 426-603.000.

Andersson, Kjell, to Alfa-Laval AB. Roller device for roller conveyors. 4,503,970, 3-12-85, Cl. 198-781.000.

Andersson, Kurt; Bartelsson, Nils; and Bondesson, Stig. Projectile, adapted to be given a rotation on firing, which makes the projectile spin-stabilized. 4,546,940, 10-15-85, Cl. 244-3.290.

Andersson, Lars-Olof: *See—*
Stark, Sven O. S.; and Andersson, Lars-Olof, 4,544,093, Cl. 229-43.000.

Andersson, Leif, to Innova AB. Suturing instrument. 4,557,265, 12-10-85, Cl. 128-340.000.

Andersson, Leif H., to Facit Aktiebolag. Apparatus for feeding sheets of material and continuous webs in printers and typewriters. 4,501,510, 2-26-85, Cl. 400-616.300.

Andersson, Leif H., to Facit Aktiebolag. Paper alignment device for a printer, typewriter or like office machine. 4,543,003, 9-24-85, Cl. 400-632.000.

Andersson, Mikael; Horlen, Per; and Kraemer, Wieland, to AB Asea-Atom. Method of and plant for combustion of water-vapor generating fuels. 4,542,621, 9-24-85, Cl. 60-39.050.

Andersson, Ove. Electrical contact. 4,544,222, 10-1-85, Cl. 339-75.00M.

Andersson, Roger: *See—*
Johansson, Soren; Andersson, Roger; and Jonsson, Lennart, 4,537,581, Cl. 474-123.000.

Andersson, Russell L., to AT&T Bell Laboratories. Image processor using a moment generator. 4,550,432, 10-29-85, Cl. 382-1.000.

Andersson, Sven A., to Nils Weibull AB. Arrangement in a silo or the like for storing pulverulent, granular or lumpy material, such as coal. 4,537,553, 8-27-85, Cl. 414-302.000.

Andersson, Thorbjorn, to Tetra Pak International AB. Method and an apparatus for the removal of waste material in rotary punching. 4,534,248, 8-13-85, Cl. 83-24.000.

Andersson, Tommy, to Autoliv AB. Retractor reel for a vehicle safety belt. 4,531,687, 7-30-85, Cl. 242-107.40A.

Andersson, Ulf. Regulator for regulating the output pressure of a motor driven pump. 4,560,322, 12-24-85, Cl. 417-26.000.

Andert, Charles M.: *See—*
  Corley, John E.; Andert, Charles M.; Geen, Joseph H.; Wells, Wesley G.; and Lark, Russell D., 4,530,625, Cl. 408-14.000.

Anderton, John J., to GTE Products Corporation. Splice casing assembly. 4,512,628, 4-23-85, Cl. 350-96.200.

Anderton, John J., to GTE Products Corporation. Splice work tray assembly. 4,556,206, 12-3-85, Cl. 269-16.000.

Anderton, John J., to GTE Products Corporation. End plug for a fiber optic in-line splice case assembly. 4,556,281, 12-3-85, Cl. 350-96.200.

Anderton, Kenneth; Hall, Nigel; Parton, Brian; Renfrew, Andrew H. M.; and Shaw, Malcolm G., to Imperial Chemical Industries PLC. Cationic triphendioxazine dyes, methods for their manufacture and their use for dyeing cellulosic substrates. 4,512,773, 4-23-85, Cl. 8-657.000.

Anding, Claude: *See—*
  Lacroix, Guy; Anding, Claude; and Viricel, Andree, 4,542,023, Cl. 514-126.000.

Andis Company: *See—*
  Andis, Matthew L., 4,496,825, Cl. 219-222.000.
  Andis, Matthew L., 4,538,362, Cl. 34-97.000.
  Andis, Matthew L., 4,549,560, Cl. 132-37.00R.

Andis, Matthew L., to Andis Company. Electric curling iron having a removable hair grooming attachment. 4,496,825, 1-29-85, Cl. 219-222.000.

Andis, Matthew L., to Andis Company. Hair dryer and concentrator with releasable connecting means. 4,538,362, 9-3-85, Cl. 34-97.000.

Andis, Matthew L., to Andis Company. Hair curling appliance with elastomer material covering heating element. 4,549,560, 10-29-85, Cl. 132-37.00R.

Andle, Jeffrey C.: *See—*
  Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,511,817, Cl. 310-313.00A.
  Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,525,643, Cl. 310-313.00A.

Ando, Akihide: *See—*
  Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.

Ando, Eiji; Goto, Yoshiki; Moriyama, Kumiko; Takeshita, Isao; and Hirao, Kunio, to Matsushita Electric Industrial Co., Ltd. Composition for absorption refrigeration. 4,557,850, 12-10-85, Cl. 252-68.000.

Ando, Fumihiko: *See—*
  Nishizawa, Junichi; Tamamushi, Takashige; Ando, Fumihiko; Yoshikawa, Shigeo; and Shimanuki, Koji, 4,525,742, Cl. 358-213.000.

Ando, Fumitaka: *See—*
  Kijima, Takao; Maebayashi, Jiro; and Ando, Fumitaka, 4,530,513, Cl. 280-701.000.
  Kijima, Takao; Maebayashi, Jiro; and Ando, Fumitaka, 4,536,007, Cl. 280-701.000.

Ando, Giichi: *See—*
  Nakanishi, Yasuo; Sakamoto, Kazunori; Ando, Giichi; and Watanabe, Teruoki, 4,519,854, Cl. 148-127.000.

Ando, Haruhisa: *See—*
  Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.
  Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.

Ando, Haruki: *See—*
  Ukai, Jun; Segawa, Hirohisa; and Ando, Haruki, 4,504,728, Cl. 219-125.100.

Ando, Hideo; Kiyama, Kentaro; and Kitano, Kyozo, to Lion Corporation. Process for removal of unreacted oil from surfactant slurry. 4,517,113, 5-14-85, Cl. 252-353.000.

Ando, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical head. 4,517,666, 5-14-85, Cl. 369-45.000.

Ando, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. System for focusing a light beam on a light reflecting surface. 4,521,680, 6-4-85, Cl. 250-201.000.

Ando, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Videodisc autofocus device. 4,546,460, 10-8-85, Cl. 369-45.000.

Ando, Hiromi: *See—*
  Takayama, Toshio; Ando, Hiromi; and Endou, Mitsuhiro, 4,535,680, Cl. 91-376.00R.

Ando, Hiroshi; and Okumura, Takeo, to Kao Soap Co., Ltd. Hair setting lotion. 4,520,008, 5-28-85, Cl. 424-47.000.

Ando, Hiroshi, to Akiba, Yosuke. Method for preserving food using a preservative gas atmosphere. 4,550,026, 10-29-85, Cl. 426-316.000.

Ando, Hiroshi: *See—*
  Noda, Masahiro; and Ando, Hiroshi, 4,537,287, Cl. 187-29.00R.

Ando, Hiroyuki; Tanabe, Toshio; and Ihara, Shinji, to Matsushita Electric Works, Ltd. Battery powered portable saw. 4,555,849, 12-3-85, Cl. 30-388.000.

Ando, Hisashi: *See—*
  Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, 4,546,222, Cl. 200-144.00B.
  Watanabe, Ryuji; Ando, Hisashi; Kuniya, Keiichi; and Kurosawa, Yukio, 4,551,596, Cl. 200-144.00B.

Ando, Kazuko: *See—*
  Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.

Ando, Keikichi: *See—*
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Ando, Kenji: *See—*
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Ando, Kiyoto: *See—*
  Itagaki, Takaharu; Ito, Tsuyoshi; Ando, Kiyoto; and Teshima, Hiromi, 4,543,365, Cl. 521-53.000.

Ando, Kunio: *See—*
  Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,500,544, Cl. 514-543.000.
  Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,542,143, Cl. 514-356.000.
  Inoue, Fumio; Jitsukata, Hiroshi; and Ando, Kunio, 4,507,585, Cl. 313-471.000.
  Osawa, Michitaka; Funada, Etuo; Miyajima, Hiroyuki; Maekawa, Hitoshi; and Ando, Kunio, 4,544,896, Cl. 330-284.000.

Ando, Makoto; and Miki, Yukio, to Minolta Camera Kabushiki Kaisha. Focus adjusting device for camera having varifocal optical system. 4,493,534, 1-15-85, Cl. 350-429.000.

Ando, Makoto; Metabi, Tsuneyo; Miki, Yukio; and Egawa, Takeshi. Automatic and manual focusing exchangeable lens assembly. 4,553,817, 11-19-85, Cl. 350-255.000.

Ando, Makoto: *See—*
  Honda, Yasuhisa; and Ando, Makoto, 4,548,488, Cl. 354-402.000.

Ando, Masamoto: *See—*
  Adachi, Yoshiharu; Ando, Masamoto; and Nagashima, Takashi, 4,561,699, Cl. 303-24.00F.
  Fujii, Takashi; Ando, Masamoto; and Nishimura, Takumi, 4,552,413, Cl. 303-106.000.

Ando, Masanao: *See—*
  Hishikawa, Yasuo; Mitani, Hisashi; and Ando, Masanao, 4,526,483, Cl. 384-106.000.

Ando, Masao: *See—*
  Senda, Kenichi; Ando, Masao; Nakamura, Kyoichi; and Nishida, Tatehiko, 4,540,718, Cl. 521-58.000.

Ando, Michinori: *See—*
  Hasegawa, Junzo; Ando, Michinori; and Nakamura, Hiroshi, 4,529,460, Cl. 156-92.000.

Ando, Moritoshi; Mita, Kikuo; and Kakinoki, Yoshikazu, to Fujitsu Limited. Method and apparatus for inspecting plated through holes in printed circuit boards. 4,560,273, 12-24-85, Cl. 356-237.000.

Ando, Narumi: *See—*
  Oka, Joji; Iwakura, Hideaki; Ando, Narumi; Iwasaki, Kiyotoshi; and Shindow, Yoshio, 4,524,111, Cl. 428-551.000.

Ando, Osamu: *See—*
  Onoyama, Takashi; Ando, Osamu; and Minakata, Tsuyoshi, 4,552,199, Cl. 164-423.000.

Ando Parachemie Co., Ltd.: *See—*
  Tadashi, Ii; and Saichi, Egusa, 4,517,018, Cl. 75-129.000.

Ando, Saburo: *See—*
  Nishizawa, Hiroshi; Ando, Saburo; and Ito, Syuji, 4,562,532, Cl. 364-200.000.

Ando, Shinichi: *See—*
  Kumekawa, Kazuhisa; and Ando, Shinichi, 4,561,274, Cl. 72-54.000.

Ando, Shizuo: *See—*
  Kamimura, Teturo; Komatsubara, Masahiro; Ando, Shizuo; and Inanaga, Takugi, 4,536,811, Cl. 360-96.600.

Ando, Takao: *See—*
  Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,561, Cl. 514-209.000.
  Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,574, Cl. 514-195.000.
  Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,540,689, Cl. 514-196.000.
  Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.
  Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.

Ando, Takashi, to Mitsubishi Jukogyo Kabushiki Kaisha. Electrostatically operated dust collector. 4,502,002, 2-26-85, Cl. 323-237.000.

Ando, Takayuki: *See—*
  Kawaguchi, Teruhiko; and Ando, Takayuki, 4,545,546, Cl. 242-107.000.
  Sawano, Susumu; Gofuku, Yoshihiro; Hashimoto, Junji; and Ando, Takayuki, 4,524,851, Cl. 188-134.000.

Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, to Hitachi Zosen Corporation. Docking apparatus for ships. 4,549,835, 10-29-85, Cl. 405-4.000.

Ando, Takeki: *See—*
  Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.

Ando, Tomiaki, to Pioneer Electronic Corporation. Speaker with tweeter angle adjusting device. 4,553,630, 11-19-85, Cl. 181-144.000.

Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, to Mitsui Toatsu Chemicals, Inc.; and Toyo Engineering Corporation. Process for the preparation of polymer compositions having low volatile content. 4,537,954, 8-27-85, Cl. 528-481.000.

Ando, Toshihiko: *See—*
  Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, 4,560,748, Cl. 536-24.000.

Ando, Wataru: *See—*
  Saitoh, Keishi; and Ando, Wataru, 4,546,008, Cl. 427-38.000.

Ando, Yasuo; and Ochiai, Toshihiko, to Kabushiki Kaisha Meidensha. Electrolyte for zinc-bromine storage batteries. 4,510,218, 4-9-85, Cl. 429-198.000.

Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Semiconductor integrated circuit device including a protective resistor arrangement for output transistors. 4,514,646, 4-30-85, Cl. 307-200.00B.

Ando, Yoshio; Kumagai, Shuno; and Kinugasa, Toshiyuki, to Honda Giken Kogyo Kabushiki Kaisha. Process for producing a molded skin product. 4,552,715, 11-12-85, Cl. 264-309.000.

Ando, Yoshio: *See—*
  Tanaka, Kano; Ando, Yoshio; and Yanagawa, Hitoshi, 4,514,641, Cl. 250-570.000.

Ando, Yujiro; and Fujii, Haruo, to Canon Kabushiki Kaisha. Image forming apparatus. 4,502,061, 2-26-85, Cl. 346-153.100.

Ando, Yujiro: *See—*
  Fujii, Haruo; and Ando, Yujiro, 4,491,855, Cl. 346-159.000.

Ando, Yuzi, to Sharp Kabushiki Kaisha. Slipping connector assembly for application to microwave oven. 4,542,270, 9-17-85, Cl. 219-10.55B.

Andoh, Naoki; and Fujiwara, Shuetsu, to Japan Synthetic Rubber Co., Ltd. Process for producing aromatic amine. 4,521,622, 6-4-85, Cl. 564-406.000.

Andoh, Shizuo: *See—*
  Yamaguchi, Hisashi; Asano, Toru; Takahara, Kazuhiro; Kurahashi, Keizo; and Andoh, Shizuo, 4,550,310, Cl. 340-365.00C.

Andonov, Radomir: *See—*
  Mailliet, Pierre; Andonov, Radomir; Stomp, Hubert; and Monai, Jean, 4,533,125, Cl. 266-226.000.

Andors, Derik K.: *See—*
  Ferguson, Robert W.; Andors, Derik K.; and Crossman, William W., Jr., 4,510,918, Cl. 126-79.000.

Andou, Norio: *See—*
  Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, 4,492,906, Cl. 318-488.000.

Andow, Fumio; Okita, Yuji; and Suga, Noriyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Protective relaying system. 4,507,700, 3-26-85, Cl. 361-80.000.

Andow, Fumio; and Nakashima, Masuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Protective relaying system. 4,511,981, 4-16-85, Cl. 364-492.000.

Andow, Fumio; Yamaura, Mitsuru; and Kondow, Ryotaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Protective relay system. 4,541,058, 9-10-85, Cl. 364-483.000.

Andow, Fumio; and Inagaki, Junichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Protective relaying system. 4,561,120, 12-24-85, Cl. 455-612.000.

Andrade, Joseph D.; Triolo, Philip M.; Smith, Lee M.; and Miller, Frank J. Process for treating polymer surfaces to reduce their friction resistance characteristics when in contact with non-polar liquid, and resulting products. 4,508,606, 4-2-85, Cl. 204-169.000.

Andrae, Klaus; and Hutschenreuter, Elfriede, to Hoechst Aktiengesellschaft. Shirred sausage casing and process for its manufacture. 4,550,042, 10-29-85, Cl. 428-36.000.

Andrae, Klaus; Bytzek, Max; Hutschenreuter, Elfried; and Lang, Hans U., to Hoechst Aktiengesellschaft. Smoke-permeable, non-reinforced film based on regenerated cellulose for manufacturing sausage casings. 4,556,708, 12-3-85, Cl. 536-57.000.

Andrae, Klaus; Hutschenreuter, Elfriede; and Besser, Horst-Erich, to Hoechst Aktiengesellschaft. Shirred sausage casing and process for its production. 4,562,101, 12-31-85, Cl. 428-36.000.

Andrae, Klaus: *See—*
  Hutschenreuter, Elfriede; Andrae, Klaus; and Heyse, Klaus, 4,528,225, Cl. 428-36.000.

Andral Corporation: *See—*
  Alimbau Marques, Salvador, 4,493,392, Cl. 182-27.000.
  Alimbau Marques, Salvador; and Grasselli, Giorgio, 4,519,476, Cl. 182-28.000.

Andre, Eugene R. Pressure chuck for irregular articles. 4,508,326, 4-2-85, Cl. 269-22.000.

Andre' Gueissaz et Cie, S.A.: *See—*
  Schwab, Bernard, 4,527,784, Cl. 269-42.000.

Andre, Guy, to Raymond, A. Cable clamp. 4,505,006, 3-19-85, Cl. 24-16.0PB.

Andre, Jean-Claude: *See—*
  Moll, Manfred; Bazard, Daniel; Niclause, Michel; Vincent, Louis-Marie; and Andre, Jean-Claude, 4,547,070, Cl. 356-339.000.

Andre, Joel: *See—*
  Jardat, Alain; and Andre, Joel, 4,501,182, Cl. 83-177.000.

Andre, Michel: *See—*
  Calmettes, Lionel; and Andre, Michel, 4,517,708, Cl. 24-20.0CW.

Andre, Paul R.: *See—*
  Nash, Robert W.; Andre, Paul R.; and Knoblock, Dennis F., 4,494,775, Cl. 285-26.000.

Andre, Robert T.: *See—*
  Landry, Walter J.; and Andre, Robert T., 4,512,142, Cl. 56-13.900.

Andre, Wolfram K., to Kurt Wolf & Co. KG. Fitting for a cooking utensil, particularly a steam pressure cooking pan. 4,541,733, 9-17-85, Cl. 374-149.000.

Andre, Wolfram K.: *See—*
  Wolf, Kurt; and Andre, Wolfram K., 4,535,229, Cl. 219-440.000.

Andrea, Tariq A.; John, William W.; and Steffens, James J., to Shell Oil Company. Use of certain pyrimido[5,4-e]-1,2,4-triazines for controlling the growth of unwanted plants. 4,494,981, 1-22-85, Cl. 71-93.000.

Andreadakis, Nicholas C., to Burroughs Corporation. Display panel having memory. 4,518,894, 5-21-85, Cl. 313-491.000.

Andreas Stihl: *See—*
  Bortfeld, Manfred; Schieber, Eberhard; and Dietzsch, Gunter, 4,543,723, Cl. 30-381.000.
  Mierzwa, Dietmar, 4,524,881, Cl. 220-374.000.
  Nitschmann, Karl; Dolata, Hans; and Dietzsch, Gunter, 4,554,853, Cl. 83-522.000.

Andreasen, Knud. Reflector system for securing to a light source. 4,514,793, 4-30-85, Cl. 362-306.000.

Andreasen, Norman H. Kiln floor system. 4,498,269, 2-12-85, Cl. 52-669.000.

Andreasen, Norman H. Kiln floor system. 4,522,320, 6-11-85, Cl. 222-484.000.

Andreasen, Richard: *See—*
  Romanow, Peter; and Andreasen, Richard, 4,556,168, Cl. 236-25.00A.

Andreasson, Bengt A., to Aktiebolaget Amals Mekaniska Verkstad. Device for a roll spindle. 4,520,967, 6-4-85, Cl. 242-55.000.

Andreasson, Bengt A., to Aktiebolaget Amals Mekaniska Verkstad. Roll stands for simple roll replacement. 4,544,109, 10-1-85, Cl. 242-58.100.

Andreasson, Bo C., to Aktiebolaget Electrolux. Ignition system with additional functions. 4,553,517, 11-19-85, Cl. 123-417.000.

Andreasson, Jan Y. N., to EMAB Electrolux Motor Aktiebolag. Choke device. 4,495,911, 1-29-85, Cl. 123-198.00R.

Andreasson, Olof I. Electrical chain welding machine. 4,542,275, 9-17-85, Cl. 219-51.000.

Andreen, John F. Internal combustion engine. 4,516,539, 5-14-85, Cl. 123-53.00R.

Andreev, Anatoly A.; and Romanov, Anatoly A. Method and apparatus for controlling plasma generation in vapor deposition. 4,512,867, 4-23-85, Cl. 204-298.000.

Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., to Vsesojuzny Nauchno-Issledovatelsky Instrumentalny Institut. Multilayer coatings of metal-cutting tools. 4,554,201, 11-19-85, Cl. 428-215.000.

Andreev, Vladimir P.: *See—*
  Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.

Andreev, Vladimir V.: *See—*
  Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.
  Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Andreeva, Tamara S.: *See—*
  Musin, Rafail M.; Gryaznov, Mikhail I.; Timofeev, Dmitry A.; Filatov, Nikolai Y.; and Andreeva, Tamara S., 4,541,070, Cl. 364-900.000.

Andreiko, Craig A.: *See—*
  Kidd, Patrick D.; Sterrett, Terry L.; and Andreiko, Craig A., 4,533,321, Cl. 433-18.000.

Andreini, Rockne J.; Farmer, Audley J.; and Yaguchi, Svetlana, to Earle M. Jorgensen Co. Stainless steel. 4,523,951, 6-18-85, Cl. 75-126.00B.

Andren, Carl F.; Mosley, William H., Jr.; and Sanders, David E., to E-Systems, Inc. Method and apparatus for pulse angle modulation. 4,509,017, 4-2-85, Cl. 329-105.000.

Andren, Carl F.: *See—*
  Mosley, William H., Jr.; and Andren, Carl F., 4,538,280, Cl. 375-1.000.
  Poston, Billy R.; and Andren, Carl F., 4,518,947, Cl. 340-347.0DD.

Andren, Ingmar, to Lindema Kommanditbolag. Cleaning machine with a vertical cylinder screen. 4,534,859, 8-13-85, Cl. 209-301.000.

Andreoli, Charles R., to United States of America, Navy. Tail fin firing device. 4,509,427, 4-9-85, Cl. 102-261.000.

Andreolla, Florian, to Baumgartner, Merzia. Connecting piece for a line or an apparatus to be screwed therein to provide a closed pressure-fluid circuit and method of manufacturing same. 4,531,767, 7-30-85, Cl. 285-220.000.

Andrepont, John S.; and Korzonas, Raymond, to Chicago Bridge & Iron Company. Constant temperature refrigeration system for a freeze heat exchanger. 4,541,248, 9-17-85, Cl. 62-54.000.

Andres, Matthias: *See—*
Steidle-Sailer, Manfred; and Andres, Matthias, 4,525,974, Cl. 52-693.000.

Andres, Michele: *See—*
Pregermain, Simone; Charcosset, Henri; and Andres, Michele, 4,510,039, Cl. 208-10.000.

Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, to Daimler-Benz Aktiengesellschaft. Surface heater structure, especially for vehicles. 4,503,906, 3-12-85, Cl. 165-104.210.

Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, to Daimler-Benz Aktiengesellschaft. Heat-exchanger with a bundle of parallelly extending pipes adapted to be acted upon by air. 4,520,863, 6-4-85, Cl. 165-48.00R.

Andres, Rudolf; Grantz, Helmut; Muenzel, Wolf-Dietrich; and Odebrecht, Wolfgang, to Daimler-Benz Aktiengesellschaft. Surface heating body for vehicles. 4,550,774, 11-5-85, Cl. 165-104.210.

Andres, Rudolf: *See—*
Gmeiner, Gunter; Moller, Hermann; Andres, Rudolf; and Faust, Eberhard, 4,497,517, Cl. 297-231.000.
Huber, Guntram; Moller, Hermann; Faust, Eberhard; Andres, Rudolf; and Quilmalz, Wolfram, 4,552,402, Cl. 297-284.000.

Andres, Uri. Method and apparatus for crushing materials such as minerals. 4,540,127, 9-10-85, Cl. 241-1.000.

Andresen, Arild A.: *See—*
Sollie, Steinar; and Andresen, Arild A., 4,518,050, Cl. 175-250.000.
Sollie, Steinar; and Andresen, Arild A., 4,518,051, Cl. 175-250.000.

Andresen, Bernhard H.; Schenck, Stephen R.; and Kennedy, Nathan R., to Texas Instruments Incorporated. Piezo horn self-oscillating drive circuit. 4,496,914, 1-29-85, Cl. 331-110.000.

Andresen, Bernhard H., to Texas Instruments Incorporated. Gain switching amplifier. 4,511,234, 4-16-85, Cl. 354-428.000.

Andresen, Bernhard H.: *See—*
Taka, Hideo; and Andresen, Bernhard H., 4,544,257, Cl. 354-460.000.

Andresen, Brian D.; and Ng, Kwokei J., to Ohio State University, The. Method for the analysis of materials by chromatography and mass spectrometry. 4,501,817, 2-26-85, Cl. 436-161.000.

Andresen, Erik E.; and Pedersen, Svend P., to Danfoss A/S. Valve with presetting of the amount of throughflow. 4,518,147, 5-21-85, Cl. 251-121.000.

Andresen, Herman J. Lever stroke control. 4,507,601, 3-26-85, Cl. 323-347.000.

Andress, Charles W.: *See—*
Bouchard, Andre C.; Maya, Jakob; Loughridge, Fred; Andress, Charles W.; and Wierzbicki, Julian, 4,527,088, Cl. 313-493.000.

Andress, Harry J.; and Ashjian, Henry, to Mobil Oil Corporation. Products of reaction involving alkenylsuccinic anhydrides with aminoalcohols and aromatic secondary amines and lubricants containing same. 4,522,736, 6-11-85, Cl. 252-51.50A.

Andretta, Angelo: *See—*
Fischer, Bruno; and Andretta, Angelo, 4,553,319, Cl. 29-596.000.

Andrew, Colin: *See—*
Sexton, John S.; Stone, Brian J.; Howes, Trevor D.; and Andrew, Colin, 4,549,372, Cl. 51-206.00R.

Andrew Corporation: *See—*
Brooker, Eric L., 4,511,899, Cl. 343-784.000.
Dyott, Richard B., 4,557,551, Cl. 350-96.150.
Ekelman, Ernest P., Jr.; and Ostertag, Edward L., 4,504,805, Cl. 333-126.000.
Saad, Saad M., 4,491,810, Cl. 333-126.000.
Saad, Saad S., 4,540,959, Cl. 333-21.00R.
Saad, Saad S.; and Knop, Charles M., 4,553,112, Cl. 333-21.00R.
Seal, William W.; and Basa, Laddie A., 4,543,548, Cl. 333-243.000.

Andrew, Sydney P. S., to Imperial Chemical Industries PLC. Method and apparatus to control the level of the air-to-fuel weight ratio in an internal combustion engine. 4,545,351, 10-8-85, Cl. 123-440.000.

Andrew, Wesley A.; Shields, Curtis E.; Hindlin, Harry O.; and Hamilton, Robert, to United States of America, Navy. Helicopter extractable cold weather/water liferaft. 4,533,333, 8-6-85, Cl. 441-38.000.

Andrews, Angus P., to United States of America, Army. Monolitic band-pass filter using piezoelectric cantilevers. 4,517,486, 5-14-85, Cl. 310-331.000.

Andrews, Barney A.: *See—*
Espey, Carl R.; and Andrews, Barney A., 4,506,399, Cl. 10-86.00R.

Andrews, Beatrice M.; Carr, Neil; Gray, George W.; and Hogg, Christine, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the, of Whitehall. Liquid crystal compounds. 4,512,636, 4-23-85, Cl. 350-350.00R.

Andrews, Bethlehem K.; and Reinhardt, Robert M., to United States of America, Agriculture. Agents to produce durable press low formaldehyde release cellulosic textiles: etherified N,N-bis(hydroxymethyl)-carbamates. 4,539,008, 9-3-85, Cl. 8-187.000.

Andrews, Christopher M., to Ciba-Geigy Corporation. Heat-curable epoxide resin compositions. 4,507,445, 3-26-85, Cl. 525-504.000.

Andrews, Dana G., to Boeing Company, The. Aerodynamic braking and recovery method for a space vehicle. 4,504,031, 3-12-85, Cl. 244-113.000.

Andrews, Dana G., to Boeing Company, The. Aerodynamic braking system for a space vehicle. 4,518,137, 5-21-85, Cl. 244-113.000.

Andrews, David R.; and Gaeta, Federico C. A., to Schering Corporation. Antihypertensive compounds having both diuretic and angiotensin converting enzyme inhibitory activity. 4,556,655, 12-3-85, Cl. 514-222.000.

Andrews, David R.: *See—*
Neustadt, Bernard R.; Andrews, David R.; and McNamara, Paul E., 4,559,340, Cl. 514-222.000.

Andrews, Deborah H.: *See—*
Eby, Robert S.; Stephenson, Michael J.; Andrews, Deborah H.; and Hamilton, Thomas H., 4,546,611, Cl. 62-54.000.

Andrews, E. Trent; Lamb, Steve R.; and Moore, Robert R. Anesthetic supply valve and adapter for masks. 4,506,665, 3-26-85, Cl. 128-202.270.

Andrews, Edward W.; and Lambert, Thomas W., to General Electric Company. Film-based dual energy radiography. 4,561,054, 12-24-85, Cl. 364-414.000.

Andrews, Gary D., to Tektronix, Inc. Comb filters. 4,532,542, 7-30-85, Cl. 358-31.000.

Andrews, Gary D.: *See—*
Olmstead, Harold W.; Andrews, Gary D.; and Walquist, Clayton C., 4,501,995, Cl. 315-371.000.

Andrews, Gary E. Fastening device. 4,558,979, 12-17-85, Cl. 410-101.000.

Andrews, Gary W.: *See—*
Dix, Robert M.; Ellis, Timothy A.; and Andrews, Gary W., 4,520,629, Cl. 62-6.000.

Andrews, Gerald D., to Du Pont de Nemours, E. I., and Company. Light stable polymers by anionic polymerization. 4,522,990, 6-11-85, Cl. 526-180.000.

Andrews, Henry L., to Austenal International, Inc. Nonprecious dental alloy. 4,514,359, 4-30-85, Cl. 420-436.000.

Andrews, James B.: *See—*
Scarlet, Richard I.; Andrews, James B.; and Henning, William F., II, 4,492,963, Cl. 343-464.000.

Andrews, Joseph E., Jr.: *See—*
Richmond, Carl T.; Butler, Thomas A.; and Andrews, Joseph E., Jr., 4,525,675, Cl. 328-140.000.

Andrews, Lawrence P.; Heath, Chester A.; Mead, Justin E.; VanDuren, Richard G.; and Janes, Gary A., to International Business Machines Corporation. Peripheral attachment interface for I/O controller having cycle steal and off-line modes. 4,534,011, 8-6-85, Cl. 364-900.000.

Andrews Maclaren Limited: *See—*
Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.

Andrews, Michael F.: *See—*
Henderson, Janet M.; Andrews, Michael F.; and Houghton, Daniel A., 4,530,061, Cl. 364-475.000.

Andrews, Norwood H., to Norandy, Incorporated. Apparatus for comminuting materials to extremely fine size using a circulating stream jet mill and a discrete but interconnected and interdependent rotating anvil-jet impact mill. 4,504,017, 3-12-85, Cl. 241-40.000.

Andrews, Peter. Electric energy saving two-position combination switching device. 4,549,116, 10-22-85, Cl. 315-200.00R.

Andrews, Peter: *See—*
Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.

Andrews, Peter J., to Texas Instruments Incorporated. Direct A.C. to A.C. converter controlled by a data processor. 4,536,835, 8-20-85, Cl. 363-163.000.

Andrews, Robert S. L. Apparatus for reclaiming foundry sand. 4,508,277, 4-2-85, Cl. 241-65.000.

Andrews, Robert S. L. Method of reclaiming foundry sand. 4,549,698, 10-29-85, Cl. 241-17.000.

Andrews, Robert W.; Himpsl, Francis L.; Horvath, Eugene B.; and Speronello, Barry K., to Engelhard Corporation. Cracking catalyst and manufacture thereof. 4,520,119, 5-28-85, Cl. 502-67.000.

Andrews, Roland E., to Tektronix, Inc. Waveform acquisition apparatus and method. 4,495,586, 1-22-85, Cl. 364-487.000.

Andrews, Roland E.; and Addis, John L., to Tektronix, Inc. Wide bandwidth signal coupling circuit having a variable voltage-level shift from input to output. 4,551,636, 11-5-85, Cl. 307-264.000.

Andrews, Roland E.: *See—*
Morgan, David W.; and Andrews, Roland E., 4,527,117, Cl. 324-121.00R.

Andrews, Stanley W., to Precision Grinding Limited. Arrangement for use in positioning an optical image. 4,525,041, 6-25-85, Cl. 350-484.000.

Andrews, Timothy A.: *See—*
Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., 4,523,313, Cl. 371-10.000.
Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., 4,527,251, Cl. 364-900.000.

Andrews, Walter H. Translucent electronic board game with magnetic pawn. 4,545,582, 10-8-85, Cl. 273-238.000.

Andrews, William H.; Milne, David J.; Moyle, Ronald W.; and Peters, James P., to Comalco Aluminum Limited. Treatment of aluminous materials. 4,548,795, 10-22-85, Cl. 423-126.000.

Andrews, Winston A.; and Carpenter, Larry, to Medical Research Associates, Ltd. #2. Sterile handle cover for surgical lamp. 4,559,671, 12-24-85, Cl. 16-111.00R.

Andrick, William C.: *See—*
Raymond, Ronald P.; and Andrick, William C., 4,555,885, Cl. 52-468.000.

Andrie, Philippe; and Mimeur, Jacques, to Commissariat a l'Energie Atomique. Laser sensing means for dimensional control purposes. 4,509,263, 4-9-85, Cl. 33-169.00R.

Andrier, Bernard, to Entrepose G.T.M. pour les Travaux Petroliers Maritimes et PM; Entrepose d'Equipements Mecaniques et Hydrauliques E.M.H.; and Societe Francaise d'Etudes d'Installations Siderurgiques SOFRESID. Flexible offshore platform. 4,505,620, 3-19-85, Cl. 405-224.000.

Andrieu, Andre; Davot, Jean-Pierre P.; and Thibieroz, Jean-Pierre A. M., to Corning Glass Works. Transparent glass-ceramic of light brown color and method of making. 4,526,872, 7-2-85, Cl. 501-4.000.

Andrieux, Bernard, to Societe Anonyme dite: Delas-Weir. Modular bundle of tubes for a steam condenser, and a steam condenser using such modular bundles. 4,559,996, 12-24-85, Cl. 165-76.000.

Andrieux, Raymond, to Valeo. Positioning and play-compensating device for the shaft of an electric motor. 4,533,260, 8-6-85, Cl. 384-206.000.

Andrione, Norbert; Peruzzi, Federigo; and Scandurra, Giancarlo, to Aspera S.p.A. Crankshaft for small reciprocating machines. 4,493,226, 1-15-85, Cl. 74-598.000.

Andrione, Norbert; and Peruzzi, Federigo, to Aspera S.p.A. Suspension system for hermetic motor-compressors of refrigerators and the like. 4,549,859, 10-29-85, Cl. 417-363.000.

Android Corporation: *See*—
- Masserang, Gregory J., 4,540,211, Cl. 294-88.000.
- Rise, William E., 4,496,042, Cl. 198-774.000.

Androsenko, Alexandr P.: *See*—
- Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.

Andruchiw, Roman. Pole climbing aid. 4,527,660, 7-9-85, Cl. 182-9.000.

Andruchiw, Roman; Cordingley, David C.; and Loughborough, Mark T. Apparatus for splicing strips of thermoplastic material. 4,539,064, 9-3-85, Cl. 156-379.700.

Andrus, Paul G.; Smith, B. Thomas; and Dolash, Thomas M., to Battelle Development Corporation. Providing patterns. 4,494,865, 1-22-85, Cl. 355-32.000.

Andrus, Robert E.; and Hampton, Steve, to Hampton, Steve. Foil applicator. 4,555,297, 11-26-85, Cl. 156-461.000.

Andrus, W. Alexander; Christensen, Burton G.; and Heck, James V., to Merck & Co., Inc. 6-(1-Hydroxyethyl)-2-(2-aminoethylthio)-3-tetrazoly-1-carbadethiapen-2-em. 4,544,557, 10-1-85, Cl. 514-210.000.

Andrushkiw, Roman W.: *See*—
- Andruszkiw, Walter; and Andrushkiw, Roman W., 4,530,638, Cl. 415-4.000.

Andruszkiw, Walter; and Andrushkiw, Roman W. Wind driven power generating apparatus. 4,530,638, 7-23-85, Cl. 415-4.000.

Andy, Robert. High strength flame resistant poly-olefins comprising surface coated alumina hydrate plus organic titanate and methods of making the same. 4,525,494, 6-25-85, Cl. 523-200.000.

Anechoic Systems Company, Inc.: *See*—
- Swartz, Henry D.; and Miller, Alan H., 4,550,798, Cl. 181-201.000.

Aneja, Viney P., to General Electric Company. Method for purification of bisphenol A. 4,492,807, 1-8-85, Cl. 568-724.000.

Anello, Joseph G., to Westinghouse Electric Corp. Three-step treatment of stainless steels having metastable austenitic and martensitic phases to increase resistance to chloride corrosion. 4,495,002, 1-22-85, Cl. 148-12.00E.

Anello, Louis G.; Van Der Puy, Michael, Hendrickson, Larry L.; Rogic, Milorad M.; Swerdloff, Michael D.; and Kolc, Jaroslav F., to Allied Corporation. Phosphorodiamide urease inhibitors and urease inhibited urea based fertilizer compositions. 4,517,002, 5-14-85, Cl. 71-28.000.

Anello, Louis G.: *See*—
- Van Der Puy, Michael; Kolc, Jaroslav F.; Anello, Louis G.; Hendrickson, Larry L.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,537,614, Cl. 71-28.000.

Anelva Corporation: *See*—
- Shiokawa, Yoshiro, 4,562,352, Cl. 250-305.000.

Anemaet, John M.: *See*—
- Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.
- Geurtsen, Friedrich H. H.; Anemaet, John M.; Smith, Donald R.; and Boyd, Mary G., 4,555,436, Cl. 428-200.000.

Anetsberger Brothers, Inc.: *See*—
- Anetsberger, Richard J.; and Anetsberger, John A., 4,508,026, Cl. 99-407.000.

Anetsberger, John A.: *See*—
- Anetsberger, Richard J.; and Anetsberger, John A., 4,508,026, Cl. 99-407.000.

Anetsberger, Richard J.; and Anetsberger, John A., to Anetsberger Brothers, Inc. Basket moving mechanism for deep fat fryer. 4,508,026, 4-2-85, Cl. 99-407.000.

Anetzberger, Max; and Eder, Erich, to Motorenfabrik Hatz GmbH & Co. KG. Device for manually starting an internal combustion engine. 4,556,021, 12-3-85, Cl. 123-185.00S.

Anezaki, Shoji: *See*—
- Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; Furujho, Sakae; Okane, Kohji; and Anezaki, Shoji, 4,522,650, Cl. 75-48.000.

Anfusio, Mario. Reciprocating internal combustion engine with multiple-valve cylinders. 4,519,365, 5-28-85, Cl. 123-432.000.

Ang, Peter G. P.; and Sammells, Anthony F., to Texaco Inc. Means and method for reducing carbon dioxide to provide a product. 4,523,981, 6-18-85, Cl. 204-72.000.

Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, to Avery International Corporation. Van label having non-linear discontinuous score lines in the backing. 4,537,809, 8-27-85, Cl. 428-41.000.

Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, to Avery International Corporation. Method for producing labels having discontinuous score lines in the backing. 4,549,063, 10-22-85, Cl. 219-121.0LJ.

Angebault, Joel: *See*—
- Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,529,015, Cl. 139-435.000.
- Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,544,001, Cl. 139-443.000.
- Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,553,570, Cl. 139-435.000.

Angehrn, Jorg A.: *See*—
- Howells, Anthony P. S.; Dienglewicz, Anthony M.; Viswanathan, Raman; and Angehrn, Jorg A., 4,556,884, Cl. 340-860.000.
- Johnson, Wade M., Jr.; and Angehrn, Jorg A., 4,514,809, Cl. 364-422.000.

Angel, Bruce A., to AMF Incorporated. Quick disconnect marine coupling system. 4,549,576, 10-29-85, Cl. 137-614.040.

Angelbeck, Albert W.: *See*—
- Palma, Gary E.; and Angelbeck, Albert W., 4,549,299, Cl. 372-18.000.

Angele, Eduard: *See*—
- Friske, Wolf, 4,532,385, Cl. 191-23.00A.

Angele, Werner, to Pfaff Industriemaschinen GmbH. Method and apparatus for manufacturing par [illegible] 4,526,113, 7-2-85, Cl. 112-127.000.

Angele, Werner, to Pfaff Industriemaschinen GmbH. Method and apparatus for manufacturing pantyhose. 4,536,891, 8-27-85, Cl. 2-409.000.

Angeles, Marshall R.: *See*—
- Engelhart, John E.; Angeles, Marshall R.; and D'Errico, Michael J., 4,496,581, Cl. 514-438.000.

Angeli, Giovanni T.: *See*—
- Lange, Gerhard; and Angeli, Giovanni T., 4,513,924, Cl. 242-67.200.

Angelie, Christian; Cauchetier, Michel; and Paris, Jacques, to Commissariat a l'Energie Atomique. Isotopic separation process. 4,505,791, 3-19-85, Cl. 204-157.10R.

Angell, Cyril E. N., to Avon Industrial Polymers Limited. Respirator speech transmitter. 4,539,983, 9-10-85, Cl. 128-201.190.

Angell, William M.: *See*—
- Matheny, William F., III; Bernard, Clay, II; and Angell, William M., 4,561,820, Cl. 414-331.000.

Angelle, Phillip A.; Porter, Marion G.; and King, James L., to Honeywell Information Systems Inc. Apparatus and method for an operating system supervisor in a data processing system. 4,493,034, 1-8-85, Cl. 364-200.000.

Angelle, Phillip A.: *See*—
- King, James L.; Porter, Marion G.; Angelle, Phillip A.; Circello, Joseph C.; Wilhite, John E.; and Trubisky, Leonard G., 4,530,052, Cl. 364-200.000.

Angelo Guala S.p.A.: *See*—
- Guala, Piergiacomo, 4,494,664, Cl. 215-252.000.
- Guala, Piergiacomo, 4,550,845, Cl. 215-252.000.

Angelo, Michael: *See*—
- Alzmann, Donald R.; Angelo, Michael; and Waldner, Paul R., 4,506,442, Cl. 29-830.000.

Angelov, Angel M.: *See*—
- Antonov, Lyubomir Y.; Trenev, Alexander M.; Angelov, Angel M.; and Yanev, Kostadin D., 4,503,498, Cl. 364-200.000.

Angelov, Georgi; and Shibley, Paul W. M., to Bitumen Development Corporation Limited. Separation of bituminous material from oil sands and heavy crude oil. 4,498,971, 2-12-85, Cl. 208-11.0LE.

Angelov, Mihail H.: *See*—
- Minchev, Pavel M.; Hristov, Hristomir D.; Balinov, Stoimen S.; Angelov, Mihail H.; and Yordanov, Nikolay V., 4,523,708, Cl. 228-37.000.

Angelsen, Bjorn A. J.; and Kristoffersen, Kjell, to Vingmed A/S Inkognitogt. Method of ultrasonically measuring blood flow velocity. 4,559,952, 12-24-85, Cl. 128-663.000.

Angelucci, Richard J.; Cope, Andrew P.; Hallam, Donald E.; and Ladd, Harry E., to Du Pont de Nemours, E. I., and Company. Textile doff servant. 4,555,067, 11-26-85, Cl. 242-35.50A.

Anger, Anton, to Osterreichische Schiffswerften Aktiengellschaft Linz-Korneuburg. Apparatus for producing undercut tubular synthetic plastic articles. 4,521,178, 6-4-85, Cl. 425-548.000.

Anger, Klaus: *See*—
- Lischke, Burkhard; Frosien, Juergen; Anger, Klaus; and Plies, Erich, 4,514,638, Cl. 250-492.200.

Angersbach, Wolfgang; and Meier, Karl-Heinz, to Quick-Rotan Elektromotoren GmbH. Position adjusting drive unit. 4,507,596, 3-26-85, Cl. 318-640.000.

Angevine, Peter A.; Bengtsson, Sune; and Koudijs, George P., to Dorr-Oliver Incorporated. Method for oxidation of flue gas desulfurization absorbent and the product produced thereby. 4,544,542, 10-1-85, Cl. 423-555.000.

Angevine, Philip J.; Oleck, Stephen M.; Wilson, Robert C., Jr.; and Mizrahi, Sadi, to Mobil Oil Corporation. Zeolite containing catalyst support for denitrogenation of oil feedstocks. 4,519,900, 5-28-85, Cl. 208-254.00H.

Angevine, Philip J.; Kuhl, Gunter H.; and Mizrahi, Sadi, to Mobil Oil Corporation. Catalytic conversion of shale oil. 4,521,297, 6-4-85, Cl. 208-89.000.

Angewandte Digital Elektronik GmbH: *See—*
Kreft, Hans-Dietrich, 4,549,176, Cl. 340-825.310.

Angicor Limited: *See—*
Kaster, Robert L.; and Domaas, Perry M., 4,512,471, Cl. 206-438.000.
Kaster, Robert L., 4,532,659, Cl. 623-2.000.

Angiomedics Corporation: *See—*
Van Tassel, Robert A.; Rydell, Mark A.; and Schjeldahl, Gilmore T., 4,531,943, Cl. 604-280.000.

Angiomedics, Incorporated: *See—*
Fletcher, Bruce W.; Rydell, Mark A.; and Reese, Edward W., 4,551,292, Cl. 264-139.000.
Rydell, Mark A., 4,547,193, Cl. 604-282.000.

Angle, Christopher P.; and Parker, Barry R., to General Motors Corporation. Adjustable latch striker. 4,544,192, 10-1-85, Cl. 292-341.180.

Angle, Lonnie L.; and Roberts, John R., Jr., to Angle, Lonnie L. Heating and cooling apparatus having evaporative cooler and heat pump. 4,505,327, 3-19-85, Cl. 165-48.00R.

Angle, Rodney L., to RCA Corporation. Electrically alterable, nonvolatile floating gate memory device. 4,558,339, 12-10-85, Cl. 357-23.500.

Angliker, Hans-Jorg: *See—*
Schmutz, Paul; and Angliker, Hans-Jorg, 4,549,989, Cl. 260-378.000.

Anglin, Jeanne M.; Edwards, Richard R.; and Thomas, John E., to Boeing Company, The. Composite structure having conductive surfaces. 4,542,056, 9-17-85, Cl. 428-116.000.

Anglo-American Clays Corporation: *See—*
Bilimoria, Bomi M.; and May, Anthony A., 4,518,491, Cl. 209-166.000.
Cook, Jerry A.; Garner, Robert H.; Turner, Ralph E., Jr.; and Bilimoria, Bomi M., 4,561,597, Cl. 241-17.000.

Anglo-American Research Ltd.: *See—*
Iseard, Barry S., 4,522,896, Cl. 429-63.000.

Angmorter, Paul K.; Simpson, Howard D.; and Richardson, Ryden L., to Union Oil Company of California. Hydrotreating catalyst and a method for preparing the catalyst. 4,513,097, 4-23-85, Cl. 502-211.000.

Angmorter, Paul K.: *See—*
Simpson, Howard D.; Richardson, Ryden L.; and Angmorter, Paul K., 4,540,483, Cl. 208-216.0PP.

Angott, Paul G.; and Jacob, Keith D. Remotely controlled ceiling fan and light circuit. 4,538,973, 9-3-85, Cl. 417-572.000.

Angott, Paul G. Ceiling fan control box. 4,548,554, 10-22-85, Cl. 417-572.000.

Angres Clinic, Ltd.: *See—*
Angres, Giora G., 4,508,106, Cl. 128-1.00R.

Angres, Giora G., to Angres Clinic, Ltd. Microsurgical method for applying permanent eyelid liner. 4,508,106, 4-2-85, Cl. 128-1.00R.

Angsten, Gregory S. Weight lifting device. 4,509,745, 4-9-85, Cl. 272-130.000.

Angstmann, Heinz-Dieter: *See—*
Streit, Werner; Witt, Linda; and Angstmann, Heinz-Dieter, 4,507,220, Cl. 252-186.100.

Angus Chemical Company: *See—*
Kayser, Robert B.; and Purcell, Robert F., 4,536,300, Cl. 252-8.55D.
Purcell, Robert F.; and Kayser, Robert B., 4,522,732, Cl. 252-8.55D.
Purcell, Robert F.; and Hallock, Louis L., 4,549,883, Cl. 44-57.000.

Anhalt, John W., to International Telephone and Telegraph Corporation. Zero insertion force socket. 4,501,461, 2-26-85, Cl. 339-75.00M.

Anhalt, John W., to International Telephone and Telegraph Corporation. Insulation displacement connector. 4,533,198, 8-6-85, Cl. 339-99.00R.

Anhalt, Richard C. Saw chain rivet spinner. 4,512,070, 4-23-85, Cl. 29-243.530.

Anhauser, Dieter: *See—*
Gockel, Karl-Heinz; Anhauser, Dieter; Hoffmann, Hans R.; and Reinhold, Karl-Heinz, 4,524,095, Cl. 428-43.000.

Anholm, John M., Jr.: *See—*
Duryee, Peter S.; and Anholm, John M., Jr., 4,535,318, Cl. 340-347.0CC.
Eng, Benjamin, Jr.; Anholm, John M., Jr.; and Duryee, Peter S., 4,539,550, Cl. 340-347.0AD.
Eng, Benjamin, Jr.; Duryee, Peter S.; and Anholm, John M., Jr., 4,555,692, Cl. 340-347.0AD.

Anic S.p.A.: *See—*
Cesca, Sebastiano; Priola, Aldo; and Renzi, Fiorenzo, 4,524,092, Cl. 427-388.200.
Francese, Renato; Fruttero, Roberta; Messori, Vittorio; and Peluffo, Anna, 4,502,881, Cl. 71-92.000.
Giroldini, Villiam; and Neri, Carlo, 4,497,739, Cl. 260-239.0BF.
Greco, Alberto; Bertolini, Guglielmo; and Zavattini, Omero, 4,524,187, Cl. 525-332.100.
Mercati, Giorgio; Mariano, Armando; Pertot, Fulvio; Glionna, Antonio; and Ferri, Mario, 4,517,355, Cl. 528-287.000.
Neri, Carlo; and Buonomo, Franco, 4,495,371, Cl. 568-427.000.
Oberrauch, Ermanno; and Eberson, Lennard, 4,544,450, Cl. 204-59.00R.
Priola, Aldo; Romano, Ugo; and Renzi, Fiorenzo, 4,544,725, Cl. 526-301.000.
Romano, Ugo; and Iori, Giuseppe, 4,508,656, Cl. 260-463.000.
Romano, Ugo, 4,512,930, Cl. 260-463.000.

Anicon, Inc.: *See—*
Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,524,719, Cl. 118-719.000.
Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,539,933, Cl. 118-719.000.
Campbell, Bryant A.; and Miller, Nicholas E., 4,545,327, Cl. 118-719.000.
Campbell, Bryant A.; and Miller, Nicholas E., 4,547,404, Cl. 427-248.100.
Foster, Derrick W.; and Herring, Robert B., 4,548,159, Cl. 118-728.000.

Anjier, Joseph L.; Roberson, Morris L.; and Atchison, William E., to Kaiser Aluminum & Chemical Corporation. Bayer process production of alumina hydrate. 4,511,542, 4-16-85, Cl. 423-127.000.

Anklam, Bruno; Koenneker, Reinhard; and Mezger, Hans, to Harley-Davidson Motor Co., Inc. Fuel supply device for internal combustion engines. 4,556,034, 12-3-85, Cl. 123-470.000.

Anma, Katsuo: *See—*
Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.

Anmin Manufacturing Co., Ltd.: *See—*
Yasue, Kazo, 4,555,421, Cl. 428-6.000.

Annaka, Wataru: *See—*
Takagi, Masatoshi; and Annaka, Wataru, 4,497,293, Cl. 123-196.00A.

Annarelli, Dennis C.: *See—*
Dominiani, Frank J., Jr.; and Annarelli, Dennis C., 4,551,320, Cl. 423-321.00R.

Annas, Dulin L., to Anteg, Inc. Time delay switch. 4,552,999, 11-12-85, Cl. 200-34.000.

Anne, Jean, to L.C.C.-C.I.C.E. Compagnie Europeenne de Composants Electroniques. Process for the production of an electronic component enclosed in a housing and apparatus for carrying out the process. 4,499,518, 2-12-85, Cl. 361-306.000.

Anne, Jean, to L.C.C.-C.I.C.E. Compagnie Europeenne de Composants Electroniques. Process and device for placing electronic components in a case. 4,527,318, 7-9-85, Cl. 29-25.420.

Annecke, Rudolf: *See—*
Burger, Rainer; and Annecke, Rudolf, 4,558,642, Cl. 101-148.000.

Annegarn, Marcellinus J. J. C., to U.S. Philips Corporation. Movement detection circuit for a PAL television signal. 4,546,378, 10-8-85, Cl. 358-31.000.

Annen, Klaus; Laurent, Henry; Hofmeister, Helmut; Wiechert, Rudolf; Toepert, Michael; and Wendt, Hans, to Schering Aktiengesellschaft. Novel 6, 16-dimethylcorticoids, their preparation and use. 4,555,507, 11-26-85, Cl. 514-172.000.

Annen, Klaus: *See—*
Hofmeister, Helmut; Schulze, Paul E.; Annen, Klaus; Laurent, Henry; and Wiechert, Rudolf, 4,550,100, Cl. 514-179.000.
Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.

Annino, Raymond; Cheney, Maynard C.; and Fletcher, Kenneth S., to Foxboro Company, The. Apparatus and method for determining the amount of a sample gas component. 4,496,433, 1-29-85, Cl. 204-1.00T.

Annis, Gerald A., to Schlegel Corporation. Pile damper mechanism. 4,515,845, 5-7-85, Cl. 428-86.000.

Annis, Martin, to American Science and Engineering, Inc. Grazing angle detector array. 4,503,332, 3-5-85, Cl. 250-366.000.

Anniston Pump Shop, Inc.: *See—*
Lockwood, John C., 4,513,198, Cl. 235-61.00L.

Anno, Masami: *See—*
Kido, Yasuji; Yoshida, Tsutomu; Hamakado, Toshinari; Anno, Masami; Harada, Takahiro; and Motoki, Yoshinobu, 4,526,866, Cl. 435-68.000.

Anno, Tesfaye: *See—*
Wilfong, Evan C.; and Anno, Tesfaye, 4,515,262, Cl. 194-1.00G.

Annovi, Giuseppe, to Dolomite, S.p.A. Ski boot with a normalized sole. 4,542,599, 9-24-85, Cl. 36-117.000.

Annunziata, Eugene J.; and Stammely, Thomas E., to International Business Machines Corporation. Terminal disconnect and media wire fault detect mechanism. 4,551,671, 11-5-85, Cl. 324-51.000.

Anonuma, Masashi; Tamai, Yasuo; Sato, Tsunehiko; Funabashi, Shinichi; and Ogawa, Hiroshi, to Fuji Photo Film Co., Ltd. Process for preparing magnetic coating composition. 4,511,484, 4-16-85, Cl. 252-62.540.

Anorad Corporation: *See—*
Chitayat, Anwar; Goldstein, Robert C.; and Faizullabhoy, Mustansir A., 4,494,060, Cl. 318-568.000.
Chitayat, Anwar, 4,505,464, Cl. 269-73.000.
Chitayat, Anwar, 4,560,911, Cl. 318-135.000.

Anouchi, Abraham: *See—*
Tozier, John E.; Anouchi, Abraham; and Critchlow, Richard, 4,541,988, Cl. 422-94.000.

Anphar S.A.: *See—*
Spickett, Robert G. W.; Mauri, Jacinto M.; and Puchades, Jesus E. B., 4,560,545, Cl. 423-430.000.

Anritsu Electric Company Limited: *See—*
Itaya, Hiroshi; and Nakatsugawa, Kenji, 4,504,906, Cl. 364-200.000.
Nakatsugawa, Kenji; and Itaya, Hiroshi, 4,520,321, Cl. 328-133.000.
Sonobe, Yougi, 4,549,125, Cl. 318-663.000.
Tanaka, Seiitch; and Inoue, Akitoshi, 4,511,448, Cl. 204-198.000.

Ansaldi, Anthony: *See—*
Winston, Anthony; Ansaldi, Anthony; and Usen, Norman, 4,547,362, Cl. 424-49.000.

Ansbjer, Jan. Self-loading carriage for round bales. 4,549,840, 10-29-85, Cl. 414-24.500.

Anschultz, Dean W.: *See—*

Waller, Robert W.; and Anschultz, Dean W., 4,547,812, Cl. 358-283.000.

Anschutz, Reynold G., to Armco Inc. Cam arm centralizer. 4,505,614, 3-19-85, Cl. 405-195.000.

Ansel, David S.: *See—*

Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., 4,520,176, Cl. 524-598.000.

Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., 4,551,350, Cl. 427-389.900.

Ansel, Robert E.; Cutler, Orvid R., Jr.; and Moschovis, Elias P., to DeSoto, Inc. Low temperature-flexible radiation-curable unsaturated polysiloxane coated fiber optic. 4,496,210, 1-29-85, Cl. 350-96.300.

Ansel, Robert E., to DeSoto, Inc. Radiation-curable coatings containing reactive pigment dispersants. 4,496,686, 1-29-85, Cl. 524-850.000.

Ansell, John W.; Maddern, Thomas S.; and Philip, Alexander S., to Plessey Company plc, The. Telecommunications digital switchblock utilizing control switch state maps. 4,530,089, 7-16-85, Cl. 370-58.000.

Ansell, John W.: *See—*

Maddern, Thomas S.; Ansell, John W.; and Philip, Alexander S., 4,535,442, Cl. 370-13.000.

Anselment, Christoph: *See—*

Sackmann, Karl H.; and Anselment, Christoph, 4,532,388, Cl. 200-61.430.

Anshen, Walter H.: *See—*

Breitscheidel, Hans-Ulrich; Anshen, Walter H.; and Kautz, Rudolf, 4,542,057, Cl. 428-126.000.

Ansite, William K., to Figgie International Inc. Mask assembly. 4,494,538, 1-22-85, Cl. 128-205.250.

Ansite, William K., to Figgie International Inc. Self-contained ventilator/resuscitator. 4,506,667, 3-26-85, Cl. 128-204.250.

Ansite, William K.; and Ryder, James H., to Figgie International Inc. Unified filter and connector housing assembly incorporating a diversion valve. 4,522,639, 6-11-85, Cl. 55-314.000.

Ansite, William K.: *See—*

Rosenberg, Isadore; and Ansite, William K., 4,550,044, Cl. 428-101.000.

Anslinger, Friedrich: *See—*

Gehrung, Manfred; Schoettle, Klaus; Kreissler, Helmut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, 4,514,937, Cl. 51-281.0SF.

Ansorge, Wilhelm, to Europaisches Laboratorium fur Molekularbiologie (EMBL). Process for the injection of very small amounts of samples into cells. 4,532,205, 7-30-85, Cl. 435-30.000.

Ansorge, Wilhelm, to Europaisches Laboratorium fur Molekularbiologie (EMBL). Apparatus for preparing thin gel slabs for electrophoresis. 4,533,307, 8-6-85, Cl. 425-90.000.

Anstalt, Interverre: *See—*

Harcuba, Siegfried, 4,559,072, Cl. 65-136.000.

Ansted, Roger C.: *See—*

Alsenz, Richard H.; and Ansted, Roger C., 4,535,602, Cl. 62-175.000.

Alsenz, Richard H.; and Ansted, Roger C., 4,537,038, Cl. 62-118.000.

Anstey, Michael J.: *See—*

Brown, David F.; and Anstey, Michael J., 4,502,098, Cl. 361-383.000.

Anstine, Larry D.; James, Dean B.; Melaika, Edward A.; and Peterson, John P., Jr., to United States of America, Energy. Nuclear reactor cooling system decontamination reagent regeneration. 4,512,921, 4-23-85, Cl. 252-626.000.

Anstotz, Helmut: *See—*

Ahrweiler, Karl-Heinz; Anstotz, Helmut; and Hartmann, Werner, 4,534,829, Cl. 162-361.000.

ANT Nachrichtentechnik GmbH: *See—*

Blume, Georg; and Franke, Ludwig, 4,491,294, Cl. 248-251.000.

Ehrlinger, Wolfgang; Hirsch, Gerhard; and Alberty, Michael, 4,550,296, Cl. 333-26.000.

Geissler, Klaus H.; and Bock, Herbert, 4,558,406, Cl. 363-126.000.

Grunsch, Eckhardt, 4,559,591, Cl. 363-21.000.

Morz, Gunter; and Speldrich, Werner, 4,533,887, Cl. 333-256.000.

Pivit, Erich; Setzer, Helmut; Konig, Raimund; Distelrath, Peter; Hasse, Peter; and Zeidler, Manfred, 4,553,189, Cl. 361-119.000.

Tegel, Othmar; and Gill, Hardial S., 4,560,952, Cl. 331-107.0DP.

Wassermann, Manfred; and Liebisch, Wolfgang, 4,562,407, Cl. 330-129.000.

Antal, Balazs: *See—*

Fenyvesi, Eva; Szejtli, Jozsef; Zsadon, Bela; Antal, Balazs; and Wagner nee Kohary, Ildiko , 4,547,572, Cl. 536-103.000.

Antal, Paul S.; and Katz, Manfred, to Du Pont de Nemours, E. I., and Company. Reinforcement structure. 4,499,716, 2-19-85, Cl. 57-234.000.

Antcliffe, David L.: *See—*

French, Pierre B.; Antcliffe, David L.; and Donnellan, Gerald L., 4,526,004, Cl. 60-602.000.

Antec Systems Limited: *See—*

Evans, John M.; and Wise, Colin C., 4,502,490, Cl. 128-780.000.

Anteg, Inc.: *See—*

Annas, Dulin L., 4,552,999, Cl. 200-34.000.

Antel, Otto: *See—*

Burkhardt, Fritz; and Antel, Otto, 4,523,367, Cl. 29-568.000.

Antelope Oil Tool & Manufacturing Company: *See—*

Harrison, James E., 4,545,436, Cl. 166-241.000.

Antensteiner, Norbert: *See—*

Hoyer, Otto; Antensteiner, Norbert; and Fortner, Walter, 4,506,425, Cl. 29-402.180.

Antes, Gregor, to LGZ Landis & Gyr Zug AG. Document having a security feature and method of determining the authenticity of the document. 4,501,439, 2-26-85, Cl. 283-91.000.

Antes, Gregor, to LGZ Landis & Gyr Zug AG. Apparatus and a method for testing the authenticity of documents. 4,544,266, 10-1-85, Cl. 356-71.000.

Antes, Gregor: *See—*

Nyfeler, Alex; Gehr, Peter; Stalder, Martin; and Antes, Gregor, 4,556,378, Cl. 425-143.000.

Anthes Equipment Limited: *See—*

Manderla, Henry J., 4,492,358, Cl. 249-18.000.

Manderla, Henry J., 4,514,940, Cl. 52-126.100.

Anthes, Robert J.; and Kremer, Ross A., to Mobil Oil Corporation. Method for beneficiating ores. 4,532,033, 7-30-85, Cl. 209-166.000.

Anthon, Erik W., to Optical Coating Laboratory, Inc. Flatness testing apparatus and method. 4,538,913, 9-3-85, Cl. 356-371.000.

Anthony, Albert J. Oral pack retention system. 4,533,326, 8-6-85, Cl. 433-229.000.

Anthony, Blair T., to General Electric Company. Ultraviolet light absorbing agents, method for making, compositions and articles containing same. 4,495,360, 1-22-85, Cl. 556-436.000.

Anthony, Blair T.; and LeGrand, Donald G., to General Electric Company. Upgrading silicone resin coating compositions. 4,499,224, 2-12-85, Cl. 524-261.000.

Anthony, Blair T., to General Electric Company. Ultraviolet light absorbing agents, method for making, compositions, and articles containing same. 4,525,426, 6-25-85, Cl. 428-447.000.

Anthony, Charles, Jr.: *See—*

Bremer, Roger E.; Anthony, Charles, Jr.; and Chappel, Raymond M., 4,526,176, Cl. 128-641.000.

Anthony, Dennis R. Load-bearing rear-projection screen. 4,548,468, 10-22-85, Cl. 350-117.000.

Anthony Foresi & Associates, Inc.: *See—*

Foresi, Anthony; and Naysmith, Peter, 4,509,740, Cl. 271-224.000.

Anthony, Frank H. Refractory shelf for home hobbyist kiln and method of making kiln. 4,536,153, 8-20-85, Cl. 432-258.000.

Anthony, George M. Heat transfer method and apparatus. 4,526,006, 7-2-85, Cl. 60-671.000.

Anthony, John, to Union Carbide Corporation. Multilayer film having a layer of low pressure, low density heterogeneous ethylene copolymers. 4,513,038, 4-23-85, Cl. 428-35.000.

Anthony Manufacturing Corp.: *See—*

Lockwood, George H., 4,492,247, Cl. 137-119.000.

Anthony, Philip J.; Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, to AT&T Bell Laboratories. Production of semiconductor structures with buried resistive or conductive regions by controlled ion bombardment and heat treatment. 4,539,743, 9-10-85, Cl. 29-576.00B.

Anthony, Thomas E. Electronic blood cell counter. 4,542,518, 9-17-85, Cl. 377-10.000.

Anthony, Thomas R., to General Electric Company. Method for making alignment-enhancing feed-through conductors for stackable silicon-on-sapphire. 4,499,655, 2-19-85, Cl. 29-576.00J.

Anthony, Thomas R.; Houston, Douglas E.; and Loughran, James A., to General Electric Company. Drilled, diffused radiation detector. 4,527,183, 7-2-85, Cl. 357-30.000.

Anthony, Thomas R., to General Electric Company. Insulating glass body with electrical feedthroughs and method of preparation. 4,547,836, 10-15-85, Cl. 361-400.000.

Anthony, Thomas R., to General Electric Company. Anode and cathode connections for the practice of electromigration. 4,549,912, 10-29-85, Cl. 148-33.100.

Anthony, Walter H., to Challenger Circle F, Inc. Electric lamp socket assembly having stripless wiring terminals. 4,529,258, 7-16-85, Cl. 339-99.00L.

Anthony, Wilson B., to Agro-Systems, Inc. Processing of lignocellulose materials. 4,515,816, 5-7-85, Cl. 426-69.000.

Anthony, Zacharias. Poker game. 4,560,171, 12-24-85, Cl. 273-269.000.

Antier, Patrick: *See—*

Delacour, Jacques; Levallois, Emile; Antier, Patrick; and Saint Martin, Francois-Xavier, 4,533,526, Cl. 423-1.000.

Antilla, Arthur: *See—*

Hess, Dennis R.; and Antilla, Arthur, 4,518,432, Cl. 106-117.000.

Antkowiak, Edward T. High-accuracy navigating apparatus with step-driven projected chart. 4,513,378, 4-23-85, Cl. 364-450.000.

Antkowiak, Richard P.: *See—*

Rockwood, Robert E.; and Antkowiak, Richard P., 4,501,530, Cl. 415-170.00A.

Antle, Gary W. Modular stereo headphones. 4,499,593, 2-12-85, Cl. 381-25.000.

Antlfinger, George J.: *See—*

Shah, Pravinchandra K.; and Antlfinger, George J., 4,501,789, Cl. 428-274.000.

Antognini, Luciano; and Guerin, Yves, to ETA S.A., Fabriques d'Ebauches. Method of and a device for controlling a stepping motor. 4,551,665, 11-5-85, Cl. 318-696.000.

Antognini, Luciano, to Societe Industrielle de Sonceboz S.A. Multiphase motor damping method and circuit arrangement. 4,556,836, 12-3-85, Cl. 318-696.000.

Antoku, Fujio: *See—*

Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, 4,507,303, Cl. 514-255.000.

Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, 4,543,355, Cl. 514-253.000.

Antol, Ronald F.; Kalkbrenner, Ralph W.; and Wolfe, Donald L., to Westinghouse Electric Corp. Movable machining chamber with rotatable work piece fixture. 4,501,949, 2-26-85, Cl. 219-121.0LC.

Antol, Ronald F.; Kalkbrenner, Ralph W.; and Kobuck, Richard M., to Westinghouse Electric Corp. Laser lens and light assembly. 4,518,843, 5-21-85, Cl. 219-121.0LC.

Antol, Ronald F.; Kalkbrenner, Ralph W.; and Kobuck, Richard M., to Westinghouse Electric Corp. Strap and vane positioning fixture for fuel rod grid and method. 4,539,738, 9-10-85, Cl. 29-467.000.

Antol, Ronald F.: *See—*
Wilhelm, John J.; Kapoor, Anoop; Kobuck, Richard M.; Antol, Ronald F.; and Norris, George W., 4,537,711, Cl. 252-633.000.

Anton, Alain, to Alsthom-Atlantique, S.A. Insulation process by impregnation of electric leads. 4,543,272, 9-24-85, Cl. 427-58.000.

Anton/Bauer, Inc.: *See—*
Corrigan, John J., 4,550,968, Cl. 339-91.00R.
Corrigan, John J., 4,554,621, Cl. 362-382.000.
Corrigan, John J., III, 4,518,217, Cl. 339-183.000.
Sokira, Thomas J., 4,554,500, Cl. 320-31.000.

Anton Piller GmbH & Co. KG: *See—*
Sachs, Klaus, 4,517,471, Cl. 307-67.000.

Anton Steinecker Maschinenfabrik GmbH: *See—*
Wolfseder, Alfons, 4,522,256, Cl. 165-103.000.
Wolfseder, Alfons, 4,522,257, Cl. 165-113.000.
Wolfseder, Alfons, 4,558,734, Cl. 165-113.000.

Antonazzi, Frank J.; and Bose, Sudesh, to Allied Corporation. Pressure measuring systems with increased accuracy for a constant resolution. 4,532,809, 8-6-85, Cl. 73-701.000.

Antonelli, Christopher C., to Antonelli Plating Co. Apparatus for rinsing electroplating solution from articles. 4,561,956, 12-31-85, Cl. 204-232.000.

Antonelli Plating Co.: *See—*
Antonelli, Christopher C., 4,561,956, Cl. 204-232.000.

Antonellis, Stephen M.; and Breunig, Roger D., to United Technologies Corporation. Rotor assembly for a gas turbine engine. 4,526,508, 7-2-85, Cl. 415-172.00A.

Antonen, Robert C., to Dow Corning Corporation. Thixotropic curable coating compositions. 4,518,631, 5-21-85, Cl. 427-96.000.

Antonevich, John N., to Simco Company, Inc., The. Ground tether continuity monitor. 4,558,309, 12-10-85, Cl. 340-649.000.

Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, to Reanal Finomvegyszergyar. Gonadoliberin derivatives process for the preparation and pharmaceutical compositions thereof. 4,552,864, 11-12-85, Cl. 514-15.000.

Antoni, Herbert, to Paul Forkardt GmbH & Co. KG. Method and apparatus for determining the working range of a double-acting clamping cylinder for actuating chucking devices on machine tools. 4,493,041, 1-8-85, Cl. 364-474.000.

Antonian, Semen G.: *See—*
Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., 4,550,113, Cl. 514-290.000.

Antonis, Basil: *See—*
Chapman, John M.; and Antonis, Basil, 4,549,251, Cl. 362-216.000.

Antonissen, Peter, to Thurne Engineering Company Limited. Slicing machine having interrupt means. 4,531,436, 7-30-85, Cl. 83-68.000.

Antonissen, Peter, to Thurne Engineering Company Limited. Slicing machine having means to determine if sufficient product remains to cut a whole slice. 4,532,840, 8-6-85, Cl. 83-71.000.

Antonov, Dimo P.: *See—*
Atanassov, Lyuben P.; Kohen, Eliezer H.; Maleshkov, Vladimir D.; Antonov, Dimo P.; Russev, Lyubomir S.; and Georgiev, Georgi A., 4,558,408, Cl. 364-130.000.

Antonov, Jury F.; Ioganseen, Vadim I.; Tkachenko, Alexei S.; Chernyavsky, Vladimir P.; and Shapiro, Aron B., to Leningradskoe Proizvodstvennoe Elektromachinostroitelnoe Obiedinenie "Elektrosila". Arrangement for supporting stator end windings of an electrical machine. 4,496,870, 1-29-85, Cl. 310-260.000.

Antonov, Lyubomir Y.; Trenev, Alexander M.; Angelov, Angel M.; and Yanev, Kostadin D., to Baza Za Avtomatizacia Na Nauchniawxperiment. Multiprocessor cratecontroller. 4,503,498, 3-5-85, Cl. 364-200.000.

Antonov, Vladimir A.: *See—*
Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.; and Berdiev, Oleg S., 4,519,437, Cl. 164-284.000.

Antonov, Vladimir M.: *See—*
Kudinov, Gennady A.; Kasyanov, Grigory I.; Lysenko, Evgeny E.; Tolochko, Alexei I.; Yazev, Vasily A.; and Antonov, Vladimir M., 4,561,639, Cl. 266-193.000.

Antonovsky, Ariel D., to Commonwealth Scientific and Industrial Research Organization. Method and apparatus for image formation. 4,560,872, 12-24-85, Cl. 250-310.000.

Antonson, David L., to Minnesota Mining and Manufacturing Company. Decorative tape dispensing and applying apparatus. 4,504,351, 3-12-85, Cl. 156-391.000.

Antonson, Douglas M., to Flo-Pac Corporation. Pull-apart mounting hub. 4,541,207, 9-17-85, Cl. 51-376.000.

Antonucci, Joseph M., to United States of America, Health and Human Services. Dental composite formulation from acrylate monomer and polythiol accelerator. 4,536,523, 8-20-85, Cl. 523-115.000.

Antony, Gabriel; and Frost, Richard B., to Unisearch Limited. Auxological measuring apparatus. 4,539,754, 9-10-85, Cl. 33-169.00R.

Antos, George J.; and Flint, Nancy J., to UOP Inc. Separation of ortho-xylene. 4,529,828, 7-16-85, Cl. 585-828.000.

Antos, John M.: *See—*
Henke, Arthur W.; and Antos, John M., 4,547,916, Cl. 4-300.000.

Antpohler, Heinz-Josef. Device for the manufacture and processing of biscuit mixture shapes. 4,535,687, 8-20-85, Cl. 99-334.000.

Anway, Kenneth L.; and Born, Gerald W., to Quality Products, Inc. Parison stretcher. 4,518,558, 5-21-85, Cl. 264-515.000.

Anzai, Katsushi: *See—*
Ito, Yoshiyasu; Suematsu, Toshio; Takeda, Yuji; and Anzai, Katsushi, 4,545,349, Cl. 123-339.000.

Anzai, Masayasu: *See—*
Komatsu, Isamu; Anzai, Masayasu; Hoshi, Nobuyoshi; and Akimaru, Susumu, 4,545,325, Cl. 118-645.000.

Anzai, Max I.: *See—*
Lin, Frank W.; Moon, Suhdok D.; Van, Tri S.; and Anzai, Max I., 4,517,503, Cl. 318-561.000.

Anzai, Mitsuru: *See—*
Ohya, Masaki; Matsukura, Yoshihiro; and Anzai, Mitsuru, 4,525,414, Cl. 428-213.000.

Anzai, Nobuo; and Ikejima, Hiroyuki, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for controlling an A-C powered elevator. 4,516,664, 5-14-85, Cl. 187-29.00R.

Anzai, Norio; and Yasuoka, Hideki, to Hitachi, Ltd. Method of forming bifets by forming isolation regions connected by diffusion in semiconductor substrate and epitaxial layer. 4,529,456, 7-16-85, Cl. 148-186.000.

Anzai, Satoru: *See—*
Uehara, Makoto; and Anzai, Satoru, 4,498,762, Cl. 355-55.000.

Anzai, Shunju; and Imanaka, Yoshiaki, to Sharp Kabushiki Kaisha. Degradation compensation of photoreceptor sensitivity for electrophotographic copying machine. 4,542,981, 9-24-85, Cl. 355-14.00E.

Anzai, Yoshinori: *See—*
Yamazaki, Hiroyoshi; Minagawa, Yoshiji; Tsuchihashi, Michihiro; Anzai, Yoshinori; and Kajiwara, Toshiro, 4,544,862, Cl. 315-209.00R.

Anzeveno, Peter B.: *See—*
White, William L.; and Anzeveno, Peter B., 4,532,081, Cl. 260-464.000.

AO Medical Products AB: *See—*
Ohlson, Carl E., 4,527,347, Cl. 40-361.000.

AO:s Metall & Mek. Verkstad AB: *See—*
Gajecki, Rickard, 4,508,995, Cl. 315-209.00R.

Aoai, Toshiaki: *See—*
Nagashima, Akira; Hasegawa, Akira; Aoai, Toshiaki; and Nagano, Teruo, 4,536,464, Cl. 430-192.000.

Aoba, Takashi: *See—*
Mori, Leo; Aoba, Takashi; and Tominaga, Mamoru, 4,502,755, Cl. 350-128.000.
Mori, Leo; Tominaga, Mamoru; and Aoba, Takashi, 4,538,216, Cl. 362-311.000.

Aoi, Tomio: *See—*
Irino, Hiroshi; and Aoi, Tomio, 4,527,527, Cl. 123-438.000.
Nomura, Toshio; Imai, Yasuhiro; Aoi, Tomio; Nakajima, Tetsuo; and Irino, Hiroshi, 4,498,440, Cl. 123-438.000.
Nomura, Toshio; Taguchi, Eiji; and Aoi, Tomio, 4,538,577, Cl. 123-452.000.

Aoi, Toshiki; and Nakagawa, Shiro, to TDK Electronics Co., Ltd. Optical recording/reproducing system. 4,530,080, 7-16-85, Cl. 369-45.000.

Aoike, Hitoshi; Machida, Toyotaka; Kumazaki, Toshimasa; and Suenaga, Kazuyuki, to Victor Company of Japan, Ltd. Video recording by frequency modulation of luminance and multiplexed chroma components. 4,491,876, 1-1-85, Cl. 358-330.000.

Aoishi, Eiji: *See—*
Takeuchi, Tooru; Nakamura, Masaru; and Aoishi, Eiji, 4,510,201, Cl. 428-285.000.

Aoki, Akihiro; Hiratsuka, Shozaburo; Yamaguchi, Norihisa; and Makino, Shoji, to Teijin Limited. Process for producing wholly aromatic polyamide filaments heat-treated under tension. 4,525,384, 6-25-85, Cl. 427-174.000.

Aoki, Akihiro: *See—*
Shimada, Keizo; Sasaki, Hideharu; Mera, Hiroshi; Sawaki, Toru; and Aoki, Akihiro, 4,507,467, Cl. 528-348.000.
Tamura, Yorikazu; Aoki, Akihiro; and Shimada, Keizo, 4,529,763, Cl. 524-230.000.

Aoki, Akio, to Trion Corporation. Baseball catching means. 4,513,450, 4-30-85, Cl. 2-19.000.

Aoki, Akio, to Figgie International Inc. Baseball glove or mitt. 4,527,287, 7-9-85, Cl. 2-19.000.

Aoki, Akio: *See—*
Ono, Eiichi; and Aoki, Akio, 4,507,711, Cl. 362-61.000.

Aoki, Akira; and Ito, Kunihiko, to Tachikawa Spring Co., Ltd. Top member for a vehicle seat. 4,514,869, 5-7-85, Cl. 5-472.000.

Aoki, Eiichiro, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instruments having automatic ensemble function. 4,499,808, 2-19-85, Cl. 84-1.030.

Aoki, Eiichiro, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument of waveshape memory type with expression control. 4,539,884, 9-10-85, Cl. 84-1.240.

Aoki, Fujio; and Isobe, Hiroshi, to Diesel Kiki Co., Ltd. Fuel cut-off device for fuel injection pumps for multi-cylinder internal combustion engines. 4,492,191, 1-8-85, Cl. 123-198.00F.

Aoki, Fujio; and Koike, Kazumi, to Diesel Kiki Co., Ltd. Fuel injection device. 4,544,097, 10-1-85, Cl. 239-126.000.

- Aoki, Hachiro: *See—*
  - Sakuranaka, Toru; and Aoki, Hachiro, 4,530,330, Cl. 123-449.000.
- Aoki, Harumi; Morisawa, Tahei; Suzuki, Koji; and Ogawa, Kimiaki, to Asahi Kogaku Kogyo Kabushiki Kaisha. Electronic camera. 4,553,170, 11-12-85, Cl. 358-225.000.
- Aoki, Harumi; Enomoto, Shigeo; Morisawa, Tahei; and Urano, Fumio, to Asahi Kogaku Kogyo Kabushiki Kaisha. Stop control apparatus for electronic camera. 4,558,368, 12-10-85, Cl. 358-228.000.
- Aoki, Harumi: *See—*
  - Kawasaki, Masahiro; Aoki, Harumi; and Suzuki, Koji, 4,544,848, Cl. 250-578.000.
- Aoki, Haruo; and Terahata, Masahiro, to Fuji Photo Film Co., Ltd. System for controlling the activity of developing solutions and apparatus for processing photosensitive materials. 4,494,845, 1-22-85, Cl. 354-297.000.
- Aoki, Hatsuo: *See—*
  - Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.
- Aoki, Hidehiko: *See—*
  - Yoshida, Yoshihiro; and Aoki, Hidehiko, 4,536,716, Cl. 330-69.000.
- Aoki, Hideji: *See—*
  - Kida, Susumu; Usami, Hayato; and Aoki, Hideji, 4,558,346, Cl. 357-74.000.
- Aoki, Hideki. Dental cement composition comprising hydroxyapatite and acrylic acid/itaconic acid copolymer hardener. 4,542,167, 9-17-85, Cl. 523-109.000.
- Aoki, Hirokazu: *See—*
  - Sugie, Mamoru; Toyooka, Takashi; and Aoki, Hirokazu, 4,530,070, Cl. 365-15.000.
  - Toyooka, Takashi; Aoki, Hirokazu; and Sugie, Mamoru, 4,519,049, Cl. 365-12.000.
  - Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.
- Aoki, Hiroshi: *See—*
  - Sugai, Manabu; Kagohashi, Yasuyoshi; and Aoki, Hiroshi, 4,541,589, Cl. 242-200.000.
- Aoki, Hisashi: *See—*
  - Inagaki, Mitsuo; Ito, Seitoku; and Aoki, Hisashi, 4,502,850, Cl. 417-440.000.
- Aoki, Junji: *See—*
  - Uematsu, Hiroaki; Aoki, Junji; and Oku, Narihiro, 4,519,890, Cl. 204-409.000.
  - Uematsu, Hiroaki; and Aoki, Junji, 4,551,222, Cl. 204-417.000.
- Aoki, Kanemasa, to Canon Kabushiki Kaisha. DC Motor. 4,532,449, 7-30-85, Cl. 310-198.000.
- Aoki, Katashi. Method for injection molding a composite parison. 4,507,258, 3-26-85, Cl. 264-255.000.
- Aoki, Katsuhiko: *See—*
  - Betsudan, Shinichi; Aoki, Katsuhiko; Sato, Shigeru; and Katagi, Takashi, 4,559,540, Cl. 343-761.000.
- Aoki, Katsumichi; Kanda, Yoichi; Satake, Keigo; and Shinkawa, Hiroyasu, to Kureha Kagaku Kogyo Kabushiki Kaisha. 1,5-Diphenyl derivative of 1,2,4-triazole-3-carboxamide and herbicide containing the same. 4,492,597, 1-8-85, Cl. 71-92.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, to Kureha Kagaku Kogyo Kabushiki Kaisha. Salts of derivatives of N-(tetrahydrobenzothiazolylcarbamoyl)oxamic acid and herbicidal composition containing the same as active ingredient. 4,549,902, 10-29-85, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Herbicidal 2-(1,3,5-1H-triazin-2-one)-tetrahydrobenzothiazole derivatives, and compositions therefor. 4,551,168, 11-5-85, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, to Kureha Kagaku Kogyo Kabushiki Kaisha. Derivatives of tetrahydrobenzothiazole and herbicidal compositions containing the same as active ingredient. 4,561,877, 12-31-85, Cl. 71-90.000.
- Aoki, Kazumi: *See—*
  - Ohta, Michio; Kamei, Sakito; and Aoki, Kazumi, 4,538,481, Cl. 74-603.000.
- Aoki, Keiji; and Tanaka, Shinichiro, to Toyota Jidosha Kabushiki Kaisha. Method for detecting knocking in internal combustion engine. 4,501,137, 2-26-85, Cl. 73-35.000.
- Aoki, Keiji; and Ikeda, Shinji, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for detecting the ignition time point of an engine. 4,556,035, 12-3-85, Cl. 123-488.000.
- Aoki, Keiji: *See—*
  - Takimoto, Toshiyuki; and Aoki, Keiji, 4,493,305, Cl. 123-490.000.
- Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, to Fuji Photo Film Co., Ltd. Color photographic silver halide light-sensitive material. 4,500,635, 2-19-85, Cl. 430-552.000.
- Aoki, Kozo; Umemoto, Makoto; and Ogawa, Akira, to Fuji Photo Film Co., Ltd. Color photographic silver halide light-sensitive material. 4,524,132, 6-18-85, Cl. 430-552.000.
- Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,557,999, 12-10-85, Cl. 430-385.000.
- Aoki, Kozo: *See—*
  - Sakanoue, Kei; and Aoki, Kozo, 4,513,079, Cl. 430-502.000.
  - Seto, Nobuo; Kamio, Takayoshi; and Aoki, Kozo, 4,514,490, Cl. 430-505.000.
  - Tanabe, Osami; Aoki, Kozo; Ogawa, Akira; and Umemoto, Makoto, 4,552,836, Cl. 430-549.000.
- Aoki, Masahiro, to Olympus Optical Co., Ltd. Apparatus for detecting the focus condition of an imaging lens. 4,500,189, 2-19-85, Cl. 354-407.000.
- Aoki, Masahiro; Nakamura, Junichi; Ida, Masatoshi; Oinoue, Kenichi; and Hayashi, Asao, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for detecting focus conditions of a photographic optical system. 4,562,345, 12-31-85, Cl. 250-201.000.
- Aoki, Masahiro: *See—*
  - Hayashi, Asao; Aoki, Masahiro; Oinoue, Kenichi; and Ida, Masatoshi, 4,540,881, Cl. 250-201.000.
  - Hayashi, Asao; Oinoue, Kenichi; Aoki, Masahiro; and Ida, Masatoshi, 4,562,346, Cl. 250-201.000.
  - Ida, Masatoshi; Oinoue, Kenichi; Aoki, Masahiro; and Hayashi, Asao, 4,503,467, Cl. 358-212.000.
  - Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, 4,492,449, Cl. 354-407.000.
- Aoki, Masakazu: *See—*
  - Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.
- Aoki, Masanori, to Honda Giken Kogyo Kabushiki Kaisha. Rear fender structure for motorcycles. 4,500,101, 2-19-85, Cl. 280-152.100.
- Aoki, Masanori: *See—*
  - Yamanaka, Koichi; Gotoh, Tetsuro; Aoki, Masanori; Kataoka, Isao; and Nishiwaki, Shunro, 4,517,091, Cl. 210-512.100.
- Aoki, Masayuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Back-up control circuit for controlling a magnetron of a microwave oven. 4,524,258, 6-18-85, Cl. 219-10.55B.
- Aoki, Masayuki: *See—*
  - Miyazaki, Koichi; and Aoki, Masayuki, 4,539,453, Cl. 219-10.55C.
- Aoki, Matsuyuki; and Tanaka, Shuji, to Fuji Xerox Co., Ltd. Developer density detecting apparatus. 4,551,002, 11-5-85, Cl. 355-3.0DD.
- Aoki, Mitsuo: *See—*
  - Inoue, Satoru; Uchida, Mitsuru; Yamaguchi, Kimitoshi; Aoki, Mitsuo; Tomita, Masami; and Uematsu, Chiaki, 4,562,136, Cl. 430-107.000.
- Aoki, Naofumi: *See—*
  - Tsuji, Kunio; and Aoki, Naofumi, 4,502,768, Cl. 354-145.100.
- Aoki, Naoki, to Konishiroku Photo Industry Co., Ltd. Universal paper feed cassette. 4,509,738, 4-9-85, Cl. 271-160.000.
- Aoki, Nobuhiko: *See—*
  - Hara, Yasuhiko; Akiyama, Nobuyuki; Fushimi, Satoru; Oshima, Yoshimasa; and Aoki, Nobuhiko, 4,508,453, Cl. 356-394.000.
- Aoki, Nobuyoshi: *See—*
  - Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.
  - Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,497,178, Cl. 62-55.000.
- Aoki, Osamu: *See—*
  - Hira, Yutaka; Ukai, Yoshitaka; Akuzawa, Yoshihide; Aoki, Osamu; and Shimatani, Saburo, 4,509,874, Cl. 400-691.000.
  - Yamamura, Yuichi; Azuma, Ichiro; Ennyu, Katsusuke; and Aoki, Osamu, 4,543,253, Cl. 514-21.000.
- Aoki, Ryoichi: *See—*
  - Kataoka, Takeshi; Aoki, Ryoichi; Matsui, Hisashi; and Matsumoto, Hiroshi, 4,515,024, Cl. 74-10.330.
- Aoki, Ryuji: *See—*
  - Saito, Noboru; Satake, Takeshi; Aoki, Ryuji; and Nagai, Isao, 4,511,671, Cl. 502-242.000.
  - Tsuneki, Hideaki; Ueshima, Michio; Aoki, Ryuji; and Nagai, Isao, 4,558,028, Cl. 502-211.000.
- Aoki, Shigeo; Tamamura, Junichi; Ukai, Yasuhiro; and Morita, Hideo, to Hosiden Electronics Co., Ltd. Liquid crystal display with colors from dye and polarizer mixed. 4,497,543, 2-5-85, Cl. 350-337.000.
- Aoki, Shigeru: *See—*
  - Tashiro, Yasuhisa; and Aoki, Shigeru, 4,542,236, Cl. 562-401.000.
- Aoki, Shigetada; Usui, Masahiko; and Kitano, Kojuro, to Taiyo Fishery Co., Ltd.; and Mayekawa Mfg. Co., Ltd. Contact freezing apparatus. 4,558,572, 12-17-85, Cl. 62-378.000.
- Aoki, Susumu: *See—*
  - Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
- Aoki, Tadamichi: *See—*
  - Ayusawa, Tadashi; Aoki, Tadamichi; and Hamana, Ryozo, 4,544,749, Cl. 546-184.000.
- Aoki, Takaaki. Hand-held type opening and closing action tool. 4,502,220, 3-5-85, Cl. 30-154.000.
- Aoki, Takaaki. Handy scissors. 4,527,332, 7-9-85, Cl. 30-234.000.

Aoki, Takao; Inoue, Takahiro; Goto, Masahiro; and Takeda, Kenji, to Canon Kabushiki Kaisha. Electrophotographic method and apparatus for providing accurate half-tone images. 4,494,856, 1-22-85, Cl. 355-3.00R.
Aoki, Takao; Kadowaki, Hidejiro; and Iwami, Naoki, to Canon Kabushiki Kaisha. Apparatus for color electrophotography. 4,504,137, 3-12-85, Cl. 355-4.000.
Aoki, Takashi: *See—*
Miyoshi, Hideo; Umeda, Tadashi; and Aoki, Takashi, 4,515,465, Cl. 355-14.00C.
Nishikawa, Masao; and Aoki, Takashi, 4,491,840, Cl. 340-903.000.
Nishikawa, Masao; and Aoki, Takashi, 4,505,351, Cl. 180-169.000.
Nishikawa, Masao; Hattori, Torao; Aoki, Takashi; and Yoshizawa, Hiroshi, 4,513,638, Cl. 74-866.000.
Nishikawa, Masao; Aoki, Takashi; Sakai, Shinzo; and Yoshizawa, Hiroshi, 4,516,671, Cl. 192-.076.
Nishikawa, Masao; Aoki, Takashi; Sato, Yoichi; and Yoshizawa, Hiroshi, 4,534,236, Cl. 74-364.000.
Nishikawa, Masao; and Aoki, Takashi, 4,535,652, Cl. 74-733.000.
Aoki, Tetsuo: *See—*
Nakagomi, Koji; Aoki, Tetsuo; and Nakajima, Takayuki, 4,495,621, Cl. 371-6.000.
Aoki, Tomohiro; and Tanaka, Hidetoshi, to Canon Kabushiki Kaisha. Both-side recording apparatus. 4,561,767, 12-31-85, Cl. 355-26.000.
Aoki, Tomohiro: *See—*
Ohkubo, Masaharu; Hayashi, Nobuhiro; and Aoki, Tomohiro, 4,498,755, Cl. 355-3.0DD.
Aoki, Toru: *See—*
Iwaki, Akio; Suzuki, Norihito; Yamamoto, Takeshi; and Aoki, Toru, 4,522,891, Cl. 428-626.000.
Yamamoto, Takeshi; Suzuki, Norihito; Aoki, Toru; and Iwaki, Akio, 4,492,740, Cl. 428-629.000.
Aoki, Toshiyuki: *See—*
Honji, Kunihiko; and Aoki, Toshiyuki, 4,517,504, Cl. 318-5[illegible].000.
Urakawa, Hidetaka; and Aoki, Toshiyuki, 4,503,772, Cl. 101-409.000.
Aoki, Tsutomu: *See—*
Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, 4,529,721, Cl. 514-191.000.
Nagata, Wataru; and Aoki, Tsutomu, 4,555,578, Cl. 548-251.000.
Aoki, Tsuyoshi: *See—*
Sugihara, Taizo; and Aoki, Tsuyoshi, 4,495,133, Cl. 264-504.000.
Aoki, Yoshiaki; Suzuki, Hazime; and Hirota, Tatsuya, to Sanyo Electric Co., Ltd. Clothes dryer. 4,516,335, 5-14-85, Cl. 34-133.000.
Aoki, Yoshiaki: *See—*
Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita, Hideo; and Aoki, Yoshiaki, 4,504,433, Cl. 264-232.000.
Tada, Hideaki; and Aoki, Yoshiaki, 4,491,476, Cl. 75-124.000.
Aoki, Yoshihiro. Magnet clasp. 4,505,007, 3-19-85, Cl. 24-303.000.
Aoki, Yoshihiro. Magnetic retaining device for a belt. 4,527,311, 7-9-85, Cl. 24-303.000.
Aoki, Yoshio: *See—*
Henmi, Fumiaki; and Aoki, Yoshio, 4,547,872, Cl. 369-45.000.
Aoki, Yuji: *See—*
Ikuma, Sadao; Aoki, Yuji; and Watanabe, Noboru, 4,525,536, Cl. 525-194.000.
Aono, Katsutoshi: *See—*
Totani, Tetsushi; Aono, Katsutoshi; and Komura, Michihiro, 4,560,781, Cl. 556-137.000.
Aono, Kiyotaka: *See—*
Ishida, Tokuzi; and Aono, Kiyotaka, 4,520,776, Cl. 123-308.000.
Aono, Koichiro: *See—*
Takahashi, Hiroshi; Nishioka, Akira; Tokunaga, Fumihiro; Aotani, Yoshimasa; and Aono, Koichiro, 4,542,085, Cl. 430-158.000.
Aono, Masayuki: *See—*
Fujimoto, Yuji; Aono, Masayuki; Nakano, Tetuo; and Nakabayashi, Teiji, 4,542,783, Cl. 165-30.000.
Aono, Shigeo, to Nissan Motor Company, Limited. Idling speed control system for internal combustion engine. 4,501,240, 2-26-85, Cl. 123-339.000.
Aono, Shigeo, to Nissan Motor Company, Limited. Method of calibrating pressure sensor. 4,531,399, 7-30-85, Cl. 73-4.00R.
Aono, Shigeo, to Nissan Motor Company, Limited. Method for discriminating motor/combustion pressures in an I.C.E. combustion chamber. 4,538,454, 9-3-85, Cl. 73-115.000.
Aono, Shigeo, to Nissam Motor Company, Limited. Control arrangement for internal combustion engine. 4,556,030, 12-3-85, Cl. 123-425.000.
Aono, Shin: *See—*
Matsui, Fumio; Aono, Shin; Sakai, Hiroshi; Hattori, Katsuhide; and Kakino, Shigeru, 4,511,414, Cl. 149-109.600.
Aono, Susumu: *See—*
Nakata, Shuji; Kawaguchi, Yoshio; and Aono, Susumu, 4,503,312, Cl. 219-117.100.
Aono, Toshiaki; Hara, Hiroshi; and Naito, Hideki, to Fuji Photo Film Co., Ltd. Heat-developable diffusion transfer color photographic material with microcapsules. 4,500,624, 2-19-85, Cl. 430-138.000.
Aono, Toshiaki; and Nakamura, Koichi, to Fuji Photo Film Co., Ltd. Heat development using acids. 4,550,071, 10-29-85, Cl. 430-203.000.
Aono, Toshiaki: *See—*
Naito, Hideki; Hara, Hiroshi; Aono, Toshiaki; and Sato, Kozo, 4,500,626, Cl. 430-203.000.
Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, 4,536,466, Cl. 430-203.000.
Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, 4,536,467, Cl. 430-203.000.
Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, 4,555,476, Cl. 430-351.000.
Aono, Toshio. Mowing rotary sawtoothed cutter. 4,527,382, 7-9-85, Cl. 56-295.000.
Aono, Yukio: *See—*
Ozawa, Isao; Aono, Yukio; and Ueno, Masato, 4,492,366, Cl. 267-140.100.
Aonuma, Shigeo: *See—*
Tanaka, Koichi; Takayama, Hiroshi; Amagai, Yoshimi; Aonuma, Shigeo; and Fukase, Yasuji, 4,504,563, Cl. 430-109.000.
Aoshima, Atsushi; Suzuki, Yoshio; and Nakamura, Mikihiko, to Asahi Kasei Kogyo Kabushiki Kaisha. Distillation process for purifying methyl methacrylate. 4,518,462, 5-21-85, Cl. 203-39.000.
Aoshima, Atsushi; Suzuki, Yoshio; Yamamatsu, Setsuo; and Yamaguchi, Tatsuo, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for preparing carboxylic esters. 4,518,796, 5-21-85, Cl. 560-208.000.
Aoshima, Masaru: *See—*
Sato, Katsutoshi; Itoh, Susumu; and Aoshima, Masaru, 4,530,428, Cl. 193-40.000.
Aossey, Joseph W. Pet door mat alarm. 4,551,713, 11-5-85, Cl. 340-666.000.
Aotani, Seiji; and Kanayama, Hisanori, to Japan Synthetic Rubber Co., Ltd. Carrier composed of particulate polymer. 4,559,303, 12-17-85, Cl. 435-180.000.
Aotani, Yoshimasa: *See—*
Kawamura, Kouichi; Aotani, Yoshimasa; and Umehara, Akira, 4,555,474, Cl. 430-281.000.
Nishioka, Akira; Aotani, Yoshimasa; and Yamasue, Kotaro, 4,497,888, Cl. 430-165.000.
Takahashi, Hiroshi; Nishioka, Akira; Tokunaga, Fumihiro; Aotani, Yoshimasa; and Aono, Koichiro, 4,542,085, Cl. 430-158.000.
Tamoto, Koji; Umehara, Akira; Nagano, Teruo; Iwasaki, Masayuki; and Aotani, Yoshimasa, 4,505,793, Cl. 204-159.160.
Aotsuka, Yasuo; and Yamamoto, Soichiro, to Fuji Photo Film Co., Ltd. Photographic paper material with resin coatings and pigment mixture. 4,558,002, 12-10-85, Cl. 430-538.000.
Aotsuka, Yasuo: *See—*
Ohtsuka, Shuichi; Aotsuka, Yasuo; and Saito, Eiichi, 4,521,103, Cl. 355-14.00D.
Aoun, Joseph, to Lettera Arabica S.a.r.l. Method for the composition of texts in Arabic letters and composition device. 4,527,919, 7-9-85, Cl. 400-111.000.
Aoustin, Jean: *See—*
Mention, Jean-Paul; Aoustin, Jean; and Wallon, Bernard, 4,539,114, Cl. 210-330.000.
Aoyagi, Hayao: *See—*
Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
Aoyagi, Juuro; Ichikawa, Toshiji; Koide, Mikio; and Shimomura, Takeshi, to Terumo Kabushiki Kaisha. Compositions of polyvinyl chloride and tetracarboxylic tetraesters and medical articles thereof. 4,560,720, 12-24-85, Cl. 524-288.000.
Aoyagi, Kenichi: *See—*
Namba, Yuzuru; and Aoyagi, Kenichi, 4,530,325, Cl. 123-308.000.
Namba, Yuzuru; Aoyagi, Kenichi; and Yokoyama, Hiroshi, 4,553,514, Cl. 123-308.000.
Aoyagi, Koshiro; Noguchi, Yukio; Nakajima, Koe; and Ataka, Matsuo, to Nippon Steel Corporation. Reduced energy consumption method for rolling bars or wire rods. 4,528,834, 7-16-85, Cl. 72-202.000.
Aoyagi, Kouji: *See—*
Hayashi, Yoshio; Aoyagi, Kouji; Sakurai, Toshio; Kashima, Tusnehiro; and Higeta, Koichi, 4,509,138, Cl. 364-900.000.
Aoyagi, Masao, to Canon Kabushiki Kaisha. Actuating device for photographic lens assembly. 4,496,217, 1-29-85, Cl. 350-255.000.
Aoyagi, Nobuo: *See—*
Morita, Masahiko; Mano, Junichi; Nishida, Minoru; Tanaka, Tomoo; Aoyagi, Nobuo; and Takizawa, Syoichi, 4,502,897, Cl. 148-12.00F.
Aoyagi, Shigehiko: *See—*
Urata, Shinji; Aoyagi, Shigehiko; and Yamazaki, Kazuhiro, 4,556,907, Cl. 358-210.000.
Aoyagi, Shigeyuki; and Watanabe, Mamoru, to Victor Company of Japan, Ltd. Apparatus for storing information storage mediums into casings. 4,551,966, 11-12-85, Cl. 53-571.000.
Aoyagi, Shoji: *See—*
Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,514,745, Cl. 346-216.000.
Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,531,140, Cl. 346-209.000.
Aoyagi, Yoshiaki: *See—*
Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.
Enomoto, Hiroshi; Kawamata, Masanobu; Nomura, Akira; Aoyagi, Yoshiaki; and Ueda, Fusao, 4,532,238, Cl. 514-245.000.
Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.

- Aoyagi, Yukio; Izumi, Eiki; Yamaguchi, Takeshi; and Tanaka, Sotaro, to Hitachi Construction Machinery Co., Ltd. Hydraulic drive system having a plurality of prime movers. 4,561,250, 12-31-85, Cl. 60-430.000.
- Aoyagi, Yukio: *See—*
  - Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,510,750, Cl. 60-443.000.
  - Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,528,813, Cl. 60-389.000.
  - Izumi, Eiki; Watanabe, Hiroshi, Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,531,369, Cl. 60-456.000.
  - Nakajima, Kichio; Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; and Honma, Kazuo, 4,520,626, Cl. 60-468.000.
  - Watanabe, Hiroshi; Izumi, Eiki; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,561,249, Cl. 60-421.000.
- Aoyama, Akira: *See—*
  - Shibata, Shin; Aoyama, Akira; and Mino, Tetsuya, 4,513,337, Cl. 360-121.000.
- Aoyama, Fumihiko; Murata, Kazushige; and Hayashi, Masahiro, to Inax Corporation. Method for obtaining drain-cast hollow articles for ceramic ware. 4,528,152, 7-9-85, Cl. 264-87.000.
- Aoyama, Katsuhiko: *See—*
  - Bessho, Hironori; Takano, Yuuichi; and Aoyama, Katsuhiko, 4,528,963, Cl. 123-491.000.
- Aoyama, Keizo; and Yamauchi, Takahiko, to Fujitsu Limited. Semiconductor resistor element. 4,504,743, 3-12-85, Cl. 307-310.000.
- Aoyama, Keizo, to Fujitsu Limited. Semiconductor memory. 4,516,224, 5-7-85, Cl. 365-203.000.
- Aoyama, Keizo: *See—*
  - Sampei, Takeshi; Miyahara, Norio; Nikaido, Tadanobu; Sato, Hiroaki; and Aoyama, Keizo, 4,512,012, Cl. 370-66.000.
  - Seki, Teruo; Yamauchi, Takahiko; and Aoyama, Keizo, 4,507,574, Cl. 307-448.000.
  - Yamauchi, Takahiko; Seki, Teruo; and Aoyama, Keizo, 4,549,199, Cl. 357-68.000.
- Aoyama, Masaharu; Hiraki, Shunichi; and Yonezawa, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory device. 4,507,673, 3-26-85, Cl. 357-23.00R.
- Aoyama, Masaharu; Abe, Masahiro; Ajima, Takashi; and Yonezawa, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for forming metallization structure having flat surface on semiconductor substrate. 4,520,041, 5-28-85, Cl. 427-88.000.
- Aoyama, Masaharu: *See—*
  - Yonezawa, Toshio; and Aoyama, Masaharu, 4,561,009, Cl. 357-67.000.
- Aoyama, Shigetsune; Yoshikawa, Kazuo; Hasegawa, Yoshimichi; and Higuchi, Junichi, to Kabushiki Kaisha Toyota Chuo Kenkyusho; Aichi Steel Works, Ltd.; and Chuo Hatsujo Kabushiki Kaisha. Leaf spring construction. 4,512,559, 4-23-85, Cl. 267-47.000.
- Aoyama, Shuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Door lock apparatus of electric cooker. 4,497,993, 2-5-85, Cl. 219-10.55C.
- Aoyama, Shuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Microwave oven construction having separate component receiving chambers. 4,549,054, 10-22-85, Cl. 219-10.55R.
- Aoyama, Shuki: *See—*
  - Sujaku, Takamichi; Aoyama, Shuki; and Fukasawa, Takaaki, 4,506,128, Cl. 219-10.55F.
- Aoyama, Shunichi, to Nissan Motor Company, Limited. Multi-cylinder internal combustion engine. 4,499,870, 2-19-85, Cl. 123-198.00F.
- Aoyama, Shunichi: *See—*
  - Hara, Seinosuke; Aoyama, Shunichi; and Miisho, Kazuyuki, 4,498,432, Cl. 123-90.160.
  - Hara, Seinosuke; Aoyama, Shunichi; and Miisho, Kazuyuki, 4,526,142, Cl. 123-90.160.
  - Kato, Manabu; and Aoyama, Shunichi, 4,534,323, Cl. 123-90.160.
- Aoyama, Steven, to Wilson Sporting Goods Co. Golf ball. 4,560,168, 12-24-85, Cl. 273-232.000.
- Aoyama, Takafumi: *See—*
  - Tabaru, Kazunori; Aoyama, Takafumi; and Kumakura, Toshio, 4,554,232, Cl. 430-106.600.
- Aoyama, Takanobu, to Hitachi, Ltd. Grounding switch. 4,555,603, 11-26-85, Cl. 200-144.0AP.
- Aoyama, Taro: *See—*
  - Oshima, Yujiro; and Aoyama, Taro, 4,522,172, Cl. 123-276.000.
  - Oshima, Yujiro; and Aoyama, Taro, 4,526,143, Cl. 123-301.000.
- Aoyama, Tetsuo: *See—*
  - Kida, Koichi; Aoyama, Tetsuo; and Uchiyama, Takako, 4,521,638, Cl. 585-640.000.
- Aoyama, Tetsuya: *See—*
  - Mukoyama, Yoshiyuki; Hirai, Osamu; and Aoyama, Tetsuya, 4,505,818, Cl. 210-502.100.
- Aoyama, Toshimi; Tohda, Hiroyuki; Kato, Kazuo; and Nakane, Hisashi, to Photopoly Ohka Co., Ltd. Method for providing a patternwise photoresist layer on a substrate plate and a surface-protected substrate plate therefor. 4,557,996, 12-10-85, Cl. 430-324.000.
- Aoyama, Yasuaki, to Toyota Jidosha Kabushiki Kaisha. Progressive forming method of product having varied cross-sectional length. 4,543,811, 10-1-85, Cl. 72-332.000.
- Aoyama, Youichi; Takeuchi, Akira; Ohmuro, Masaru; and Ichimura, Yasuo, to Matsushita Electric Works, Ltd. Circuit breaker. 4,523,164, 6-11-85, Cl. 335-38.000.
- Aoyama, Yutaka: *See—*
  - Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,513,835, Cl. 180-142.000.
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- Aoyoma, Shunichi; and Kato, Manabu, to Nissan Motor Company, Limited. Valve operation changing system of internal combustion engine. 4,516,542, 5-14-85, Cl. 123-90.160.
- Aozuka, Rikio: *See—*
  - Shinya, Ryohei; Miura, Shin'ichi; and Aozuka, Rikio, 4,534,312, Cl. 118-666.000.
- Apace Research Limited: *See—*
  - Reeves, Russell R., 4,508,873, Cl. 525-91.000.
- Apache Equipment, Inc.: *See—*
  - Hedrick, Harold M., II, 4,523,988, Cl. 209-11.000.
- Apairo, Jerry, Jr.; and Heath, Derek E., to Dentsply International, Inc. Dental reamer. 4,538,989, 9-3-85, Cl. 433-102.000.
- Aparicio, Luis R. Electromechanical system for generating heat in metallic vessels. 4,527,031, 7-2-85, Cl. 219-10.49R.
- Apco Graphics, Inc.: *See—*
  - Cobb, Ronald W., 4,528,764, Cl. 40-553.000.
- Apcom, Inc.: *See—*
  - Syler, Rodney R., 4,505,231, Cl. 122-159.000.
- Apel, Thomas R., to Rockwell International Corporation. Singly terminated distributed amplifier. 4,540,954, 9-10-85, Cl. 330-286.000.
- Apeldoorn, Hans J., to U.S. Philips Corporation. TV-IF Circuit. 4,528,592, 7-9-85, Cl. 358-198.000.
- Apellaniz, Ramon, to Tarahelm Limited. Device for heating food contained in a sealed container. 4,501,259, 2-26-85, Cl. 126-263.000.
- Apetrei, Constantin; Nitigus, Victor; Elek, Demeter; Radulescu, Marian; and Sachelaire, Toma, to Research Institute for the Electrotechnical Industry—ICPE. Brake motor. 4,496,864, 1-29-85, Cl. 310-77.000.
- Apirillis 4. Gepipari Muvak: *See—*
  - Vagan, Ferenc, 4,561,607, Cl. 242-118.400.
- Apissomian, Arthur A., to Homecrest Industries Incorporated. Table with resilient edge. 4,503,780. 3-12-85, Cl. 108-27.000.
- APITAL Produzioni Industriali S.p.A.: *See—*
  - Raspanti, Guiseppe; Fossati, Norberto; and Ferrari, Attilio, 4,530,950, Cl. 524-100.000.
- APM Corporation: *See—*
  - Morse, Milton, 4,501,936, Cl. 179-184.000.
  - Morse, Milton, 4,555,600, Cl. 179-184.000.
- Apodaca, Jeffrey S., to Thomas & Betts Corporation. Strippable shielded electrical cable. 4,513,170, 4-23-85, Cl. 174-36.000.
- Apogee Acoustics, Inc.: *See—*
  - Walker, Gary E.; Spiegel, Leo; Shuman, Anthony J.; and Kirtley, James L., Jr., 4,550,228, Cl. 179-115.00V.
- Apogee, Inc.: *See—*
  - Erland, Jonathan, 4,548,470, Cl. 350-129.000.
- Apollo Chemical Corporation: *See—*
  - Jenkins, Evans M., 4,492,584, Cl. 8-471.000.
- Apollo Fire Detectors Limited: *See—*
  - Payne, Roger D., 4,528,610, Cl. 361-62.000.
- Apontoweil, Peter; and Krasselt, Manfred M., to Gist-Brocades N.V. Infectious bronchitis virus strain. 4,500,638, 2-19-85, Cl. 435-235.000.
- Apontoweil, Peter; and Krasselt, Manfred M., to Gist-Brocades N.V. Infectious bronchitis vaccine for poultry. 4,505,892, 3-19-85, Cl. 424-89.000.
- Apontoweil, Peter; and Krasselt, Manfred M., to Gist-Brocades N.V. Vaccines. 4,515,777, 5-7-85, Cl. 424-89.000.
- Apontoweil, Peter; and Kok, Johannes A. G., to Roussel Uclaf. Combined vaccine. 4,537,768, 8-27-85, Cl. 424-89.000.
- Apostola, Samuel N.: *See—*
  - Mallalieu, David H.; Apostola, Samuel N.; and DeVries, Douglas C., 4,524,514, Cl. 30-169.000.
- Apostolos, John A., to State of California, Department of Transportation. Process for inhibiting corrosion of metal embedded in concrete and a reinforced concrete construction. 4,506,485, 3-26-85, Cl. 52-515.000.
- Apothaker, Richard L.; Reed, James; Croce, Carmen L.; and Wagner, Frederick B., III, to Kontes Glass Company. Glass captivated heating unit for still or the like. 4,492,951, 1-8-85, Cl. 338-316.000.
- Apparatebau Rothemuhle Brandt & Kritzler GmbH: *See—*
  - Michalak, Stanislaw; and Hermanns, Bernd, 4,509,584, Cl. 165-10.000.
  - Raths, Gunther, 4,509,583, Cl. 165-4.000.
- Appareillages et Materiels de Servitudes: *See—*
  - Tourneur, Auburt, deceased, 4,538,097, Cl. 318-490.000.
- Apparel Form Company: *See—*
  - Sears, I. Weir; Hostetler, John E.; and Hulsebusch, William H., 4,555,814, Cl. 2-227.000.
- Appel, Eggert; Geisler, Gottfried; and Kiene, Wilfried, to Fischer & Porter Company. Magnetic flowmeter. 4,539,853, 9-10-85, Cl. 73-861.120.
- Appel, Hans; and Heidenescher, Hermann, to Zundwarenfabrik Stracke GmbH & Co. Lateral-traction roller shade. 4,535,830, 8-20-85, Cl. 160-299.000.
- Appel, Marvin: *See—*
  - Blumenthal, Jack L.; Ogren, John R.; Rutkowski, Eugene V.; and Appel, Marvin, 4,514,698, Cl. 330-4.300.
- Appelbaum, Joseph; and Weiss, Reuven, to Ramot University Authority for Applied Research and Industrial Development, Ltd. Solar radiation sensor and system including same for measuring solar radiation distribution. 4,491,727, 1-1-85, Cl. 250-203.00R.
- Appelblatt, Irving; and Krawiecki, Peter, to Cadillac Gage Company. Six-wheel armored vehicle. 4,492,282, 1-8-85, Cl. 180-68.100.

- Appelgren, Curt H.; Bogentoft, Conny B.; and Ekenved, Gunnar H., to Aktiebolaget Hassle. Pharmaceutical preparation. 4,562,061, 12-31-85, Cl. 424-32.000.
- Appels, Johannes A.: *See—*
  - Maas, Henricus G. R.; Klaassen, Francois M.; and Appels, Johannes A., 4,545,110, Cl. 29-571.000.
  - van Ommen, Alfred H.; Maas, Henricus G. R.; Appels, Johannes A.; and Josquin, Wilhelmus J. M. J., 4,514,251, Cl. 156-628.000.
- Appelson, Jay M. Stake-out curtains for automobiles. 4,497,515, 2-5-85, Cl. 296-141.000.
- Appenzeller, Valentin; and Kusters, Eduard, to Kusters, Eduard. Controlled-deflection roll. 4,506,421, 3-26-85, Cl. 29-116.0AD.
- Appiano, Silvano: *See—*
  - Alaria, Gian B.; Appiano, Silvano; Destefanis, Paolo; and Poggio, Cesare, 4,555,782, Cl. 370-104.000.
- Apple Computer, Inc.: *See—*
  - Butts, Gary C., 4,525,613, Cl. 200-159.00R.
  - Oyama, Terrell A., 4,494,814, Cl. 339-112.00R.
  - Sander, Wendell B., 4,533,909, Cl. 340-703.000.
- Apple, Howard P.: *See—*
  - Medero, Richard; Hood, Rush W.; Apple, Howard P.; and Ramsey, Maynard, III, 4,543,962, Cl. 128-682.000.
- Apple, James: *See—*
  - Permut, Ronald; Cope, Robert; Apple, James; Epina, August P.; and Munro, Frederick G., 4,550,884, Cl. 242-189.000.
- Appleby, A. John, to Electric Power Research, Inc. Method for forming molten carbonate fuel cell component and structure. 4,555,453, 11-26-85, Cl. 429-41.000.
- Applegate, Barry G.; and Starkey, Stanley V., to Molins Limited. Apparatus for handling rod-like articles. 4,503,965, 3-12-85, Cl. 198-347.000.
- Applegate, Barry G., to Molins PLC. Feeding articles. 4,549,645, 10-29-85, Cl. 198-408.000.
- Applegate, Barry G.; Carter, David C. M.; and Heybourn, Frank, to Molins Limited. Packet handling apparatus. 4,560,057, 12-24-85, Cl. 198-347.000.
- Applegate, Merlin J.: *See—*
  - Forrest, Robert S.; Brouwer, Floyd; and Applegate, Merlin J., 4,530,162, Cl. 33-228.000.
- Applegate, Steven L.; Molloy, James J.; and Wilbur, Clayton V., to International Business Machines Corporation. Feed rates and two-mode embodiments for thermal transfer medium conservation. 4,558,963, 12-17-85, Cl. 400-120.000.
- Applegath, Douglas D.: *See—*
  - McKinley, Mark J.; and Applegath, Douglas D., 4,526,240, Cl. 175-72.000.
- Appleman, William S.; and Sturgill, James D., to RPC Corporation. Twistlock operator. 4,521,044, 6-4-85, Cl. 294-82.240.
- Appleton, Arthur I., to Appleton Electric Company. Plug and receptacle with separable switch contactors. 4,553,000, 11-12-85, Cl. 200-50.00B.
- Appleton Electric Company: *See—*
  - Appleton, Arthur I., 4,553,000, Cl. 200-50.00B.
- Appleton Mills: *See—*
  - Beck, David A., 4,495,680, Cl. 28-100.000.
- Appleton Papers Inc.: *See—*
  - Bodmer, Jerome R.; and Miller, Robert E., 4,540,998, Cl. 346-212.000.
  - Brockett, Bruce W.; and Miller, Robert E., 4,546,365, Cl. 346-214.000.
  - Brown, Robert W.; and Bowman, Richard P., 4,552,811, Cl. 428-402.210.
  - Glanz, Kenneth D.; and Hoover, Troy E., 4,520,379, Cl. 346-214.000.
  - Glanz, Kenneth D., 4,535,347, Cl. 346-208.000.
  - Goetz, William J.; and Engel, Thomas G., 4,549,932, Cl. 162-207.000.
  - Miller, Robert E.; and Vervacke, Steven L., 4,551,739, Cl. 346-216.000.
  - Mueller, Hans J., 4,524,716, Cl. 118-665.000.
- Appleton, Robert P. Device for retrieving objects from wells. 4,545,432, 10-8-85, Cl. 166-99.000.
- Appleton, William J., to AMK Pipe Technology Limited. Method of and apparatus for repairing drains and underground pipelines. 4,529,008, 7-16-85, Cl. 138-97.000.
- Applezweig, Norman: *See—*
  - Coleman, Douglas L.; and Applezweig, Norman, 4,507,289, Cl. 514-170.000.
  - Coleman, Douglas L.; Applezweig, Norman; and Leiter, Edward H., 4,518,595, Cl. 514-178.000.
- Appliance Valves Corporation: *See—*
  - Donahue, William R., Jr., 4,558,844, Cl. 251-118.000.
- Applied Immune Sciences, Inc.: *See—*
  - Marten, James F., 4,540,401, Cl. 604-28.000.
- Applied Magnetics Corporation: *See—*
  - Martin, Richard T., 4,492,180, Cl. 118-704.000.
  - Reid, James, 4,546,541, Cl. 29-603.000.
- Applied Materials, Inc.: *See—*
  - McNeilly, Michael A.; and Benzing, Walter C., 4,496,609, Cl. 427-55.000.
- Applied Motion Products, Inc.: *See—*
  - MaCleod, Donald J., 4,499,407, Cl. 318-254.000.
- Applied Polymer Technology, Inc.: *See—*
  - Hinrichs, Richard J.; and Thuen, Judy, 4,515,545, Cl. 425-143.000.
  - Hinrichs, Richard J.; and Thuen, Judy, 4,559,810, Cl. 73-54.000.
- Applied Power Inc.: *See—*
  - Clark, Ray, 4,502,673, Cl. 267-64.240.
  - Giacomini, Gian F., 4,523,384, Cl. 33-180.0AT.
  - Hense, Thomas R.; and Rudolph, Ronald M., 4,536,962, Cl. 33-516.000.
  - Hense, Thomas R.; and Rudolph, Ronald M., 4,549,359, Cl. 33-516.000.
  - Knutson, Dale A.; and Fritz, Frank, 4,538,644, Cl. 137-625.640.
  - London, Alvan G., 4,556,118, Cl. 180-89.150.
  - Luening, Alan R.; and Borkowski, Robert A., 4,558,849, Cl. 254-134.000.
  - Miller, Douglas P., 4,560,152, Cl. 269-24.000.
  - Sonneborn, Lamburtus J., 4,493,386, Cl. 180-89.150.
  - Sonneborn, Lamburtus J., 4,545,408, Cl. 137-625.460.
  - Stephens, Robert, 4,506,751, Cl. 180-89.150.
  - Stephens, Robert; and Clark, Raymond, 4,513,845, Cl. 188-299.000.
  - Stuart, Thomas G., 4,509,612, Cl. 180-89.140.
  - Valentin, Ingo, 4,519,752, Cl. 417-298.000.
  - Van Den Kieboom, Jan M.; and Valentin, Ingo, 4,546,632, Cl. 72-158.000.
- Applied Technologies Associates: *See—*
  - Ott, Paul W.; Engebretson, Harold J.; LaHue, Philip M.; and Van Steenwyk, Brett H., 4,559,713, Cl. 33-302.000.
- Applied Thermodynamics & LNG Service: *See—*
  - Guilhem, Jean R., 4,498,304, Cl. 62-49.000.
- Appling, James, to Allied Corporation. Polyurethane heat form and bonding of cable jackets. 4,533,418, 8-6-85, Cl. 156-52.000.
- Appropriate Technology Corporation: *See—*
  - Gardner, Bruce C.; Ingold, Daniel L.; and May, David A., 4,516,618, Cl. 160-120.000.
  - Ingold, Daniel L.; and Stewart, Robert L., 4,497,436, Cl. 236-49.000.
- Apri, Edward W. Self-actuating drinking fountain/faucet. 4,537,350, 8-27-85, Cl. 239-25.000.
- Apri, Edward W. Momentum responsive vehicle shoulder harness latch. 4,550,951, 11-5-85, Cl. 297-480.000.
- April, Georges E., to AED Satellite Systems, Ltd. Automatic disabling of AFC/AFT controller during receiver circuit tuning. 4,504,973, 3-12-85, Cl. 455-192.000.
- Apsley Metals Limited: *See—*
  - Sumner, Anthony J. M., 4,561,927, Cl. 156-406.200.
- APV Anderson Bros. Inc.: *See—*
  - Copas, Gordon A.; Wilke, Howard C.; and Dykema, Dennis A., 4,518,021, Cl. 141-172.000.
  - Stohlquist, Roger H., 4,530,435, Cl. 209-592.000.
  - Stohlquist, Roger H.; and Stenberg, Roger A., 4,545,183, Cl. 53-566.000.
- APV Company Limited: *See—*
  - Smith, David A., 4,523,515, Cl. 92-59.000.
- APV Equipment, Incorporated: *See—*
  - Dinnage, Derek F.; and Worrall, George F., 4,561,941, Cl. 203-24.000.
- APV International Limited: *See—*
  - Davy, Philip A., 4,513,770, Cl. 137-315.000.
  - Evans, Geoffrey R., 4,556,106, Cl. 165-166.000.
  - Hasting, Anthony P. M., 4,534,986, Cl. 426-521.000.
  - Marchant, George W., 4,506,697, Cl. 137-312.000.
- APX Group Inc.: *See—*
  - Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, 4,500,030, Cl. 228-125.000.
  - Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, 4,545,605, Cl. 285-189.000.
  - Hall, James R.; Harter, Donald P.; Clegg, Michael W.; and Gerber, James E., 4,516,659, Cl. 181-243.000.
  - Harwood, Jon W., 4,501,302, Cl. 138-113.000.
  - Harwood, Jon W.; Clegg, Michael W.; and Treadwell, Mark C., 4,537,027, Cl. 60-323.000.
  - Main, Perry A., 4,530,231, Cl. 72-393.000.
  - Trudell, Gerald R.; Kraska, Theodore F.; and Barber, Dennis W., 4,558,721, Cl. 138-151.000.
- Aqua-Aerobic Systems, Inc.: *See—*
  - Johnson, John K.; Earhart, Jack R.; Astrom, Gordon L.; and Herbig, Mark A., 4,540,487, Cl. 210-264.000.
- Aqua-Chem, Inc.: *See—*
  - Parish, Mark G.; and Rulseh, Roy M., 4,519,773, Cl. 431-176.000.
- Aqua Control, Inc.: *See—*
  - Meuleman, Guy A., 4,543,990, Cl. 137-556.000.
- Aquafine Corporation: *See—*
  - Iannicelli, Joseph; Caspersen, Leif; Hansen, Jan M.; and Pedersen, Sven, 4,552,734, Cl. 423-230.000.
  - Iannicelli, Joseph; Caspersen, Leif D.; Hansen, Jan M.; and Moller, Jens C. T., 4,552,735, Cl. 423-224.000.
- Aquaris Industries, Incorporated: *See—*
  - Robinson, Thomas D.; Sharp, Lewis A., Jr.; and McAllister, George P., 4,491,990, Cl. 4-607.000.
- Aquarium Pharmaceuticals, Inc.: *See—*
  - Goldstein, Joel, 4,500,510, Cl. 424-80.000.
- Aquarius fur Dichte Bauten AG: *See—*
  - Kaufmann, Peter, 4,499,925, Cl. 138-125.000.
- Aquastat AB: *See—*
  - Otteblad, Sven I.; and Dovertie, Ralph G., 4,498,408, Cl. 114-52.000.
- Aquino, Agostino J.: *See—*
  - Hoagland, Frank V. N.; and Aquino, Agostino J., 4,533,426, Cl. 156-492.000.

Arabori, Hideo: *See—*
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Arabori, Yoshinari; and Sato, Hisao, to Tokyo Shibaura Denki Kabushiki Kaisha. Microwave oven provided with turntable. 4,501,945, 2-26-85, Cl. 219-10.55F.

Arachnid, Inc.: *See—*
- Zammuto, Samuel N., 4,561,660, Cl. 273-376.000.

Arad, Abraham: *See—*
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham, 4,556,396, Cl. 446-23.000.

Arad, Abraham A.: *See—*
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., 4,490,939, Cl. 446-448.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., 4,529,389, Cl. 446-26.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., 4,540,380, Cl. 446-463.000.

Arad, Avi; Kennedy, Melvin R.; and Nagel, Dietmar. Toy vehicle. 4,556,397, 12-3-85, Cl. 446-436.000.

Arad, Avi: *See—*
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Avi, 4,493,671, Cl. 446-464.000.

Arad, Yoel. Portable gas heater particularly useful for heating foodstuffs. 4,512,328, 4-23-85, Cl. 126-37.00B.

Aragaki, Takehiko: *See—*
- Nakasone, Seiken; Miyagi, Sadao; Aragaki, Takehiko; and Higa, Yasusi, 4,492,601, Cl. 127-48.000.

Araghi, Mehdi N., to Xerox Corporation. Optical image staggering/destaggering arrangement for multiple array scanning system. 4,509,826, 4-9-85, Cl. 350-286.000.

Araghi, Mehdi N.: *See—*
- Banton, Martin E.; Lavallee, Pierre A.; Araghi, Mehdi N.; Daniele, Joseph J.; and Yip, Kwok L., 4,492,435, Cl. 350-360.000.

Aragona, Louis. Punching bag apparatus and adjustable supporting means. 4,512,569, 4-23-85, Cl. 272-78.000.

Arai, Akio, to Fuji Electric Co., Ltd. Photosensitive element having roughened selenium-arsenic alloy surface. 4,537,849, 8-27-85, Cl. 430-85.000.

Arai, Akio: *See—*
- Horikoshi, Hiroshi; Arai, Akio; Tsukagoshi, Sadayuki; and Sakamoto, Junichi, 4,515,365, Cl. 273-25.000.

Arai, Akira, to Nihon Ouyou Kougaku Kabushiki Kaisha. Rainbow projector. 4,557,055, 12-10-85, Cl. 353-81.000.

Arai, Akira: *See—*
- Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, 4,503,907, Cl. 165-133.000.

Arai, Eiichi, to Kabushiki Kaisha Morita Seisakusho. Micromotor with built-in cooling medium pipes. 4,547,687, 10-15-85, Cl. 310-58.000.

Arai, Eisuke: *See—*
- Yoshino, Hideo; Arai, Eisuke; and Kiuchi, Kazuhide, 4,538,167, Cl. 357-59.000.

Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, to Aisin Seiki Kabushiki Kaisha. Hydraulic lifter system for variable cylinder engines. 4,509,467, 4-9-85, Cl. 123-90.160.

Arai, Fuminao; and Okabe, Yoshio, to Aisin Seiki Kabushiki Kaisha. Variable cylinder device for internal combustion engines. 4,522,169, 6-11-85, Cl. 123-198.00F.

Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, to Aisin Seiki Kabushiki Kaisha. Valve actuating device. 4,523,551, 6-18-85, Cl. 123-90.460.

Arai, Fuminao: *See—*
- Ishii, Masami; Arai, Fuminao; Hattori, Noriaki; and Mita, Junichi, 4,553,015, Cl. 219-121.0ED.

Arai, Fuminori; and Kitajima, Masao, to Fuji Photo Film Co., Ltd. Method for measurement of liquid samples. 4,540,670, 9-10-85, Cl. 436-170.000.

Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, to Toyota Jidosha Kabushiki Kaisha. Rotary shaft of transmission. 4,531,420, 7-30-85, Cl. 74-467.000.

Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, to Toyota Jidosha Kabushiki Kaisha. Shift fork in a transmission for an automobile including pawl members with stepped outer portions. 4,531,623, 7-30-85, Cl. 192-82.00R.

Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, to Toyota Jidosha Kabushiki Kaisha. Shift mechanism in a manual transmission. 4,539,859, 9-10-85, Cl. 74-475.000.

Arai, Hajime: *See—*
- Kubo, Seitoku; Kuramochi, Koujiro; and Arai, Hajime, 4,528,869, Cl. 74-695.000.
- Saito, Isoo; Fujioka, Kotaro; Arai, Hajime; and Saruyama, Hideo, 4,491,657, Cl. 528-308.100.

Arai, Hirotsugu: *See—*
- Ueda, Fumio; Tsuboi, Yoshiaki; Arai, Hirotsugu; Horikiri, Kenji; and Ideno, Hiroaki, 4,518,959, Cl. 340-784.000.

Arai, Isao: *See—*
- Kubota, Hirotoshi; Takano, Akira; Arai, Isao; and Matsuzaka, Masayoshi, 4,501,397, Cl. 244-75.00R.

Arai, Katsumi: *See—*
- Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, 4,510,374, Cl. 219-146.100.

Arai, Kazuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing a MESFET by controlling implanted peak surface dopants. 4,519,127, 5-28-85, Cl. 29-571.000.

Arai, Kazuo; and Shimamoto, Takeshi, to Matsushita Electric Industrial Co., Ltd. Gameboard teaching apparatus. 4,492,581, 1-8-85, Cl. 434-128.000.

Arai, Kenichi: *See—*
- Tsuya, Noboru; Arai, Kenichi; and Takeuchi, Toshio, 4,523,966, Cl. 148-171.000.
- Tsuya, Noboru; and Arai, Kenichi, 4,525,223, Cl. 148-171.000.

Arai, Kenichiro: *See—*
- Mori, Masahiko; Arai, Kenichiro; and Tezuka, Chikao, 4,534,665, Cl. 400-145.200.

Arai, Kiyotaka: *See—*
- Suhara, Manabu; Sajima, Yasuo; Ito, Hiroaki; and Arai, Kiyotaka, 4,561,946, Cl. 204-98.000.

Arai, Kouji: *See—*
- Sasaki, Akihiko; Arai, Kouji; Takashi, Takano; and Namiki, Yasuomi, 4,520,405, Cl. 360-10.300.

Arai, Kozo: *See—*
- Ejima, Tatsuhiko; Arai, Kozo; Isoyama, Eizo; and Fujihira, Tadao, 4,547,275, Cl. 204-129.750.

Arai, Mamoru: *See—*
- Manome, Taichi; Ohmine, Toshinori; Okazaki, Takao; and Arai, Mamoru, 4,517,300, Cl. 435-317.000.

Arai, Masami: *See—*
- Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, 4,510,008, Cl. 156-245.000.

Arai, Masatoshi: *See—*
- Takago, Toshio; and Arai, Masatoshi, 4,539,418, Cl. 556-451.000.

Arai, Masayuki; Ogasawara, Terumi; and Shikano, Tohru, to Asahi Seimitsu Kabushiki Kaisha. Automatic diaphragm control device of objective provided with automatic diaphragm for closed circuit television (CCTV) camera. 4,542,410, 9-17-85, Cl. 358-228.000.

Arai, Masayuki; Ogasawara, Terumi; and Shikano, Tohru, to Asahi Seimitsu Kabushiki Kaisha. Photometric circuit incorporated in objective provided with automatic diaphragm for closed circuit television (CCTV) camera. 4,547,808, 10-15-85, Cl. 358-228.000.

Arai, Masayuki: *See—*
- Ogasawara, Terumi; Arai, Masayuki; and Shikano, Tohru, 4,562,477, Cl. 358-228.000.
- Shikano, Tohru; Ogasawara, Terumi; and Arai, Masayuki, 4,562,476, Cl. 358-228.000.

Arai, Mitsuru: *See—*
- Sato, Hideyori; Inaba, Nobuaki; Arai, Mitsuru; and Onzou, Michio, 4,520,625, Cl. 60-464.000.

Arai, Mitsutaka: *See—*
- Yamauchi, Yasuhisa; Asano, Masao; and Arai, Mitsutaka, 4,550,054, Cl. 428-328.000.

Arai, Motomi: *See—*
- Shinzawa, Motohiro; Arai, Motomi; Roppongi, Shomatsu; Dozono, Kichihiko; and Hasegawa, Yoji, 4,538,413, Cl. 60-303.000.

Arai, Naoki: *See—*
- Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,513,360, Cl. 363-20.000.
- Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,524,413, Cl. 363-127.000.

Arai, Naoto, to Kanzaki Paper Manufacturing Co., Ltd. Heat-sensitive recording materials. 4,511,909, 4-16-85, Cl. 346-208.000.

Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, to Sanko Kaihatsu Kagaku Kenkyusho; and Kanzaki Paper Manufacturing Co., Ltd. Phenolic compounds and a heat-sensitive recording material containing the same. 4,535,190, 8-13-85, Cl. 568-721.000.

Arai, Naoto, to Kanzaki Paper Manufacturing Co., Ltd. Heat-sensitive record material. 4,540,99[illegible], [illegible], Cl. 346-216.000.

Arai, Naoto: *See—*
- Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, 4,542,395, Cl. 346-216.000.
- Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,514,745, Cl. 346-216.000.
- Suzuki, Toshitake; Hayashi, Ryuzo; Arai, Naoto; and Oeda, Yoshitaka, 4,523,205, Cl. 346-208.000.
- Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,531,140, Cl. 346-209.000.

Arai, Noboru; Yokota, Masaji; and Yanagimoto, Takekazu, to Fuji Photo Film Co., Ltd. Multi-form slide selection apparatus. 4,531,829, 7-30-85, Cl. 355-43.000.

Arai, Nobukatsu; Machida, Shigeru; Sato, Eiji; Tojo, Kenji; and Uchikawa, Naoshi, to Hitachi, Ltd. Device for pressing orbiting scroll member in scroll type fluid machine. 4,496,296, 1-29-85, Cl. 418-55.000.

Arai, Nobukatsu; and Maeda, Naoki, to Hitachi, Ltd. Balancing weight device for scroll-type fluid machine. 4,522,574, 6-11-85, Cl. 418-55.000.

- Arai, Nobushige, to Sharp Kabushiki Kaisha. Solar heat collector with joint structure. 4,495,939, 1-29-85, Cl. 126-450.000.
- Arai, Nobushige, to Sharp Kabushiki Kaisha. Self-cleaning coating compositions and cooking apparatus coated therewith. 4,504,717, 3-12-85, Cl. 219-10.55E.
- Arai, Nobushige, to Sharp Kabushiki Kaisha. Solar heat collector assembly. 4,526,162, 7-2-85, Cl. 126-450.000.
- Arai, Nobushige, to Sharp Kabushiki Kaisha. Self-cleaning coating compositions and cooking apparatus coated therewith. 4,560,620, 12-24-85, Cl. 428-565.000.
- Arai, Noritoshi: *See—*
  - Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, 4,491,429, Cl. 384-221.000.
- Arai, Ryuichi; and Toganoh, Shigeo, to Canon Kabushiki Kaisha. Recording medium. 4,550,053, 10-29-85, Cl. 428-304.400.
- Arai, Ryuichi: *See—*
  - Toganoh, Shigeo; and Arai, Ryuichi, 4,542,059, Cl. 428-141.000.
- Arai, Sakuji; Sato, Katsuaki; Kochi, Susumu; and Hishida, Hiroaki, to Honda Giken Kogyo Kabushiki Kaisha. Catalytic converter mounting structure for engines. 4,559,776, 12-24-85, Cl. 60-280.000.
- Arai, Shigeharu, to Toyota Jidosha Kabushiki Kaisha. Engine mount. 4,537,381, 8-27-85, Cl. 248-559.000.
- Arai, Shoji, to Matsushita Electric Industrial Co., Ltd. Thermal printing head. 4,506,272, 3-19-85, Cl. 346-76.0PH.
- Arai Shoji Kabushiki Kaisha: *See—*
  - Yoshida, Tadayuki, 4,555,345, Cl. 210-705.000.
- Arai, Sumio: *See—*
  - Nakai, Ryozo; Inoue, Shigeo; and Arai, Sumio, 4,510,074, Cl. 252-400.00R.
- Arai, Takao; and Noguchi, Takaharu, to Hitachi, Ltd. Reproducing and amplifying circuit for magnetoresistive head. 4,492,997, 1-8-85, Cl. 360-113.000.
- Arai, Takao; Yamazaki, Shigeru; Kanazawa, Yasunori; and Noguchi, Takaharu, to Hitachi, Ltd. Azimuthal magnetic recording and reproducing apparatus. 4,539,615, 9-3-85, Cl. 360-121.000.
- Arai, Takao: *See—*
  - Hoshino, Takashi; and Arai, Takao, 4,497,055, Cl. 371-31.000.
  - Hoshino, Takashi; Arai, Takao; and Nishimura, Keizo, 4,539,605, Cl. 360-32.000.
  - Kikegawa, Shinko; Arai, Takao; Yamamoto, Norio; and Ozaki, Kiyoharu, 4,560,414, Cl. 106-281.00R.
  - Kojima, Noboru; Watatani, Yoshizumi; Arai, Takao; Hoshino, Takashi; and Shibuya, Toshifumi, 4,491,880, Cl. 360-19.100.
  - Morita, Seiichiro, Yuasa, Akihiko; and Arai, Takao, 4,509,236, Cl. 29-26.00A.
  - Nishida, Masami; Nishimura, Keizo; Arai, Takao; and Amada, Nobutaka, 4,541,091, Cl. 371-39.000.
  - Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, 4,562,549, Cl. 364-486.000.
- Arai, Takeo: *See—*
  - Ban, Keisuke; Arai, Takeo; Sakakibara, Tatsuo; and Miyake, Noriaki, 4,506,721, Cl. 164-97.000.
- Arai, Tatsuo: *See—*
  - Shimomura, Hiroshi; and Arai, Tatsuo, 4,511,293, Cl. 407-41.000.
  - Shimomura, Hiroshi; and Arai, Tatsuo, 4,529,339, Cl. 407-36.000.
- Arai, Tetsuji; Mimura, Yoshiki; and Shimizu, Hiroshi, to Ushio Denki Kabushiki Kaisha. Method for heating semiconductor wafers by a light-radiant heating furnace. 4,493,977, 1-15-85, Cl. 219-411.000.
- Arai, Tetsuji; and Ikeuchi, Mitsuru, to Ushio Denki Kabushiki Kaisha. Method for annealing semiconductors with a planar source composed of flash discharge lamps. 4,504,323, 3-12-85, Cl. 148-1.500.
- Arai, Tetsuji, to Ushio Denki Kabushiki Kaisha. Light-radiant furnace. 4,508,960, 4-2-85, Cl. 219-388.000.
- Arai, Tetsuji; and Mimura, Yoshiki, to Ushio Denki Kabushiki Kaisha. Light-radiant heating furnace. 4,511,788, 4-16-85, Cl. 219-405.000.
- Arai, Tetsuji; and Mimura, Yoshiki, to Ushio Denki Kabushiki Kaisha. Heating method of semiconductor wafer. 4,525,380, 6-25-85, Cl. 427-53.100.
- Arai, Tetsuji; and Igarashi, Tatsushi, to Ushio Denki Kabushiki Kaisha. Halogen lamp unit. 4,540,911, 9-10-85, Cl. 313-44.000.
- Arai, Tetsuji; and Igarashi, Tatsushi, to Ushio Denki Kabushiki Kaisha. Plane light source unit and radiant heating furnace including same. 4,543,472, 9-24-85, Cl. 219-411.000.
- Arai, Tetsuji; and Shimizu, Hiroshi, to Ushio Denki Kabushiki Kaisha. Light-radiant furnace for heating semiconductor wafers. 4,550,245, 10-29-85, Cl. 219-405.000.
- Arai, Tetsuji: *See—*
  - Mimura, Yoshiki; Arai, Tetsuji; Shimizu, Hiroshi; and Fukuda, Satoru, 4,535,228, Cl. 219-411.000.
- Arai, Tetsuzo: *See—*
  - Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.
- Arai, Tohru: *See—*
  - Shimada, Hisashi; Arai, Tohru; and Endo, Junji, 4,514,275, Cl. 204-298.000.
- Arai, Tomio: *See—*
  - Gomi, Shimpei; Arai, Tomio; Mogi, Fumio; Miura, Kunio; and Otani, Sugio, 4,554,148, Cl. 423-447.100.
- Arai, Tomoji: *See—*
  - Nakagawa, Koichi; Sugimori, Yoshio; Kimata, Yoshihide; Araki, Yosai; and Arai, Tomoji, 4,535,356, Cl. 358-145.000.
- Arai, Tomoyoshi: *See—*
  - Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, 4,539,669, Cl. 369-75.200.
- Arai, Toshihiro: *See—*
  - Matsumura, Michio; Inoue, Takao; and Arai, Toshihiro, 4,510,031, Cl. 204-159.200.
- Arai, Toyoichi: *See—*
  - Yamakawa, Masahiro; Nakamura, Mamoru; and Arai, Toyoichi, 4,558,087, Cl. 524-495.000.
- Arai, Yoshihiro; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,495,242, 1-22-85, Cl. 428-336.000.
- Arai, Yoshihiro; and Tanaka, Takumi, to Unitika Ltd. Method of making heat-resistant polyester. 4,520,174, 5-28-85, Cl. 525-438.000.
- Arai, Yoshihiro; and Tanaka, Takumi, to Unitika Ltd. Method of making heat-resistant polyester by reacting with a N,N,diglycidyl-acidamide. 4,520,175, 5-28-85, Cl. 525-438.000.
- Arai, Yoshihiro; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,521,482, 6-4-85, Cl. 428-336.000.
- Arai, Yoshihiro; Tanaka, Takumi; and Kamiyama, Kenji, to Unitaka Ltd. Method of making heat-resistant polyester with a glycidylisocyanuric acid compound. 4,529,779, 7-16-85, Cl. 525-438.000.
- Arai, Yoshihiro; and Tanaka, Takumi, to Unitika Ltd. Method of making heat-resistant polyester with phenylene-bis-oxazoline. 4,543,396, 9-24-85, Cl. 525-440.000.
- Arai, Yoshihiro; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Magnetic recording media and process of producing them. 4,551,778, 11-5-85, Cl. 360-131.000.
- Arai, Yoshihiro; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Process of manufacturing a magnetic recording medium. 4,557,944, 12-10-85, Cl. 427-39.000.
- Arai, Yoshihiro: *See—*
  - Akashi, Goro; Nahara, Akira; and Arai, Yoshihiro, 4,543,275, Cl. 427-250.000.
- Arai, Yoshinao: *See—*
  - Takeda, Kenji; and Arai, Yoshinao, 4,503,507, Cl. 364-513.000.
- Arai, Yoshio: *See—*
  - Kataoka, Hiroyuki; and Arai, Yoshio, 4,559,644, Cl. 382-9.000.
  - Sato, Masato; Kataoka, Hiroyuki; and Arai, Yoshio, 4,492,985, Cl. 358-293.000.
  - Shimizu, Shigeaki; Kubo, Yoshimi; Arai, Yoshio; Suzuki, Tetsuo; and Igarashi, Hitoshi, 4,517,727, Cl. 29-570.000.
  - Suganuma, Saburo; Kataoka, Hiroyuki; and Arai, Yoshio, 4,542,378, Cl. 340-734.000.
  - Suzuki, Isao; Arai, Yoshio; and Kataoka, Hiroyuki, 4,504,969, Cl. 382-10.000.
- Arai, Yuko: *See—*
  - Katsumata, Hideo; Katsumata, Shigeo; Ishii, Shinzo; and Arai, Yuko, 4,560,661, Cl. 435-183.000.
- Arakawa, Akio, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for driving a motor used in a loom. 4,491,905, 1-1-85, Cl. 364-181.000.
- Arakawa, Akio: *See—*
  - Kimbara, Masahiko; and Arakawa, Akio, 4,553,569, Cl. 139-1.00E.
  - Suzuki, Hajime; Matsuyama, Shinichiro; and Arakawa, Akio, 4,494,203, Cl. 364-470.000.
- Arakawa, Akira: *See—*
  - Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.
- Arakawa, Hajime, to Murata Manufacturing Co., Ltd. High voltage variable resistor with improved central slider contact construction. 4,527,147, 7-2-85, Cl. 338-162.000.
- Arakawa, Hideki, to Fujitsu Limited. Semiconductor non-volatile memory element of an electrically erasable type. 4,503,519, 3-5-85, Cl. 365-104.000.
- Arakawa, Hideo; Kuniya, Keiichi; Chiba, Akio; and Shimizu, Seiki, to Hitachi, Ltd. Ceramic substrate with metal plate. 4,497,875, 2-5-85, Cl. 428-620.000.
- Arakawa, Hideo: *See—*
  - Sugimotc, Gunji; Arakawa, Hideo; Ishihara, Toshikazu; Sugiura, Masahiro; and Takahashi, Katsuhiko, 4,495,560, Cl. 364-154.000.
  - Yamada, Shunsuke; Kawate, Kenji; Ono, Takashi; Arakawa, Hideo; and Suda, Tsuyoshi, 4,496,312, Cl. 432-11.000.
- Arakawa Kagaku Kogyo Kabushiki Kaisha: *See—*
  - Azuma, Noriharu; and Suetomo, Shigeru, 4,540,480, Cl. 208-44.000.
  - Kawatani, Kimio; Fujikawa, Takashi; and Watanabe, Eiji, 4,544,414, Cl. 106-287.240.
  - Makita, Muneharu; Oseto, Osamu; and Munemitsu, Toshiaki, 4,507,376, Cl. 430-109.000.
  - Oseto, Osamu; and Moriuchi, Fumio, 4,508,806, Cl. 430-109.000.
- Arakawa, Kazuhiko: *See—*
  - Katsuma, Makoto; Hiramatsu, Akira; Arakawa, Kazuhiko; and Murakami, Hiroyasu, 4,509,848, Cl. 354-473.000.
- Arakawa, Kazuhiro, to Canon Kabushiki Kaisha. Liquid crystal display keyboard. 4,527,862, 7-9-85, Cl. 350-334.000.
- Arakawa, Kunio: *See—*
  - Onoda, Hajime; and Arakawa, Kunio, 4,548,084, Cl. 73-861.810.
- Arakawa, Masatoshi; Yoshioka, Hayao; and Nakazawa, Kazuyoshi, to Japan Synthetic Rubber Co., Ltd. Process for producing 1,3-butadiene. 4,504,692, 3-12-85, Cl. 585-633.000.
- Arakawa, Michihisa: *See—*
  - Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, 4,502,290, Cl. 62-229.000.

Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, to Nippondenso Co., Ltd. Rotational position detecting apparatus for internal combustion engines. 4,519,362, 5-28-85, Cl. 123-414.000.

Arakawa, Miyao: *See—*
- Takenaka, Akihiko; Arakawa, Miyao; Sato, Masahiro; and Yamaguchi, Toshiyuki, 4,513,609, Cl. 73-116.000.

Arakawa, Nobuyuki: *See—*
- Kishimura, Masaaki; and Arakawa, Nobuyuki, 4,510,279, Cl. 524-144.000.

Arakawa, Noriyuki: *See—*
- Sakagami, Teruo; Arakawa, Noriyuki; and Kakutani, Haruko, 4,543,294, Cl. 428-422.000.
- Sakagami, Teruo; Arakawa, Noriyuki; Teramoto, Yoshikichi; and Nakamura, Kenichi, 4,554,335, Cl. 526-249.000.

Arakawa, Satoshi; and Miyahara, Junji, to Fuji Photo Film Co., Ltd. Radiation image storage panel. 4,501,683, 2-26-85, Cl. 252-301.260.

Arakawa, Satoshi; Nakamura, Takashi; and Takahashi, Kenji, to Fuji Photo Film Co., Ltd. Process for the preparation of phosphor. 4,534,884, 8-13-85, Cl. 252-301.40H.

Arakawa, Satoshi; and Takahashi, Kenji, to Fuji Photo Film Co., Ltd. Radiation image storage panel. 4,547,672, 10-15-85, Cl. 250-483.100.

Arakawa, Satoshi: *See—*
- Horikawa, Kazuo; and Arakawa, Satoshi, 4,496,973, Cl. 358-111.000.
- Horikawa, Kazuo; and Arakawa, Satoshi, 4,498,006, Cl. 250-327.200.
- Horikawa, Kazuo; and Arakawa, Satoshi, 4,527,061, Cl. 250-327.200.

Arakawa, Susumu, to Aisin Seiki Kabushiki Kaisha. Fluid reservoir. 4,502,281, 3-5-85, Cl. 60-585.000.

Arakawa, Tadao; Noguchi, Yoshiki; Hishinuma, Yukio; and Nagasaki, Nobuo, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Coal gasification composite power generating plant. 4,546,603, 10-15-85, Cl. 60-39.120.

Arakawa, Takao: *See—*
- Suzuki, Shinichi; Sasaki, Masayuki; Moriyasu, Toshinori; and Arakawa, Takao, 4,492,452, Cl. 354-430.000.

Arakawa, Takeshi; and Ikeda, Hiroki, to NEC Corporation. Memory system handling a plurality of bits as a unit to be processed. 4,561,072, 12-24-85, Cl. 365-230.000.

Arakawa, Tatsumi: *See—*
- Kambara, Shu; Arakawa, Tatsumi; and Takahashi, Akio, 4,537,950, Cl. 528-380.000.

Arakawa, Tetsuo; and Nagahiro, Kenichi, to Honda Giken Kogyo Kabushiki Kaisha. Intake manifold for internal combustion engines. 4,516,538, 5-14-85, Cl. 123-52.00M.

Arakawa, Yoshihiro: *See—*
- Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi, 4,551,273, Cl. 260-112.50E.

Arakawa, Yoshio: *See—*
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,526,969, Cl. 546-164.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,534,978, Cl. 514-429.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,542,147, Cl. 514-411.000.

Araki, Hidejiro; Nakane, Katsumi; and Otani, Susumu, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method of and apparatus for exchanging bobbins in a flyer frame. 4,548,029, 10-22-85, Cl. 57-267.000.

Araki, Hidejiro; and Kodama, Ikuo, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method of preventing a defective weft yarn from being woven in a fabric in a shuttleless loom. 4,559,976, 12-24-85, Cl. 139-435.000.

Araki, Ichiro: *See—*
- Yoshida, Shigemasa; and Araki, Ichiro, 4,510,537, Cl. 360-78.000.

Araki, Junichi: *See—*
- Ichida, Katsumi; Fukuo, Koichi; Araki, Junichi; and Machida, Isao, 4,553,473, Cl. 92-261.000.
- Ohhashi, Yasuo; Araki, Junichi; and Katsui, Yoshihiro, 4,548,592, Cl. 474-168.000.

Araki, Kazumi; and Kuga, Tetsuro, to Kyowa Hakko Kogyo Co., Ltd. Process for producing L-histidine by fermentation. 4,495,283, 1-22-85, Cl. 435-107.000.

Araki, Kazuo: *See—*
- Ozone, Takashi; Hayakawa, Shohei; Nakajima, Fusao; Yamada, Keiichi; and Araki, Kazuo, 4,527,356, Cl. 51-101.00R.

Araki, Ken: *See—*
- Kinoshita, Akemi; Araki, Ken; Nawafune, Hidemi; and Mizumoto, Shozo, 4,541,902, Cl. 204-1.00T.

Araki, Kunihiko: *See—*
- Kitajima, Tomoya; and Araki, Kunihiko, 4,506,965, Cl. 354-173.100.

Araki, Kunihio, to Ricoh Company, Ltd. Apparatus for detecting vibration by comparing the phase relation of portions of a divided light image. 4,503,325, 3-5-85, Cl. 250-204.000.

Araki, Masafumi: *See—*
- Ikenoya, Yasuo; Ueda, Shuso; and Araki, Masafumi, 4,499,724, Cl. 60-290.000.
- Otani, Junji; Ikenoya, Yasuo; and Araki, Masafumi, 4,492,209, Cl. 123-568.000.

Araki, Ryosuke, to Kabushiki Kaisha Suwa Seikosha. Horizontally-stacked metal-insulator-metal element for electro-optical device and method for manufacture. 4,534,623, 8-13-85, Cl. 350-339.00R.

Araki, Shigeru; and Suzuki, Nobuhiko, to Alps Electric Co., Ltd. Present position display device. 4,504,910, 3-12-85, Cl. 364-424.000.

Araki, Shigeyuki, to Ricoh Company, Ltd. Control system for impact printer. 4,493,570, 1-15-85, Cl. 400-144.200.

Araki, Shigeyuki, to Ricoh Company. Ltd. Multi-phase stepping motor controller. 4,495,455, 1-22-85, Cl. 318-696.000.

Araki, Shin: *See—*
- Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, 4,528,575, Cl. 346-140.00R.

Araki, Shuichi; and Hashiyama, Hideshi, to Dainippon Screen Seizo Kabushiki Kaisha. Method for compressing data of two-value picture image. 4,524,456, 6-18-85, Cl. 382-56.000.

Araki, Shuichi: *See—*
- Okai, Tsukasa; and Araki, Shuichi, 4,513,444, Cl. 382-56.000.

Araki, Tamio: *See—*
- Yamaguchi, Yutaka; Koizumi, Nobuyuki; Hirano, Masami; Araki, Tamio; and Kojima, Koichi, 4,518,023, Cl. 152-361.0FP.

Araki, Toshiyuki: *See—*
- Kyomasu, Mikio; Araki, Toshiyuki; Fukunaga, Shinobu; and Shindo, Masahiro, 4,503,520, Cl. 365-177.000.

Araki, Yosai: *See—*
- Nakagawa, Koichi; Sugimori, Yoshio; Kimata, Yoshihide; Araki, Yosai; and Arai, Tomoji, 4,535,356, Cl. 358-145.000.

Araki, Yoshiharu: *See—*
- Ishii, Kinichi; and Araki, Yoshiharu, 4,494,336, Cl. 49-352.000.

Araki, Yoshihiko: *See—*
- Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, 4,543,406, Cl. 528-111.500.

Araki, Yositsugu: *See—*
- Hirano, Hiroyuki; Kurihara, Toshihiko; Akiba, Taichi; and Araki, Yositsugu, 4,545,003, Cl. 369-43.000.

Araki, Yozo: *See—*
- Hayase, Masao; and Araki, Yozo, 4,525,978, Cl. 53-167.000.

Aramaki, Jun; and Shinkai, Masaru, to Mitsubishi Denki Kabushiki Kaisha. Wire cut electrical discharge machining apparatus with electric feeders in a tubular guide. 4,559,433, 12-17-85, Cl. 219-69.00W.

Aramaki, Minoru; Kobayashi, Yoshiyuki; Nakamura, Tamio; Nakano, Hisaji; and Suenaga, Takashi, to Central Glass Company, Limited. Process of preparing nitrogen trifluoride by gas-solid reaction. 4,543,242, 9-24-85, Cl. 423-406.000.

Arango, Aurelio, to Arango, Miguel Angel. Device for extracting paste from a tube. 4,508,240, 4-2-85, Cl. 222-96.000.

Arango, Miguel Angel: *See—*
- Arango, Aurelio, 4,508,240, Cl. 222-96.000.

Arano, Yasushi; Magata, Yasuhiro; and Yokoyama, Akira, to Nihon Medi-Physics Co., Ltd. P-Glyoxyloylphenylalkanoic acid bis(thiosemicarbazone) derivatives, and their production and use. 4,559,221, 12-17-85, Cl. 424-1.100.

Arano, Yasushi: *See—*
- Yokoyama, Akira; Arano, Yasushi; and Hosotani, Takeo, 4,511,550, Cl. 424-1.100.

Aranyi, Ernie; Ihasz, Richard; Gravener, Roy D.; and Tovey, Hugh J., to United States Surgical Corporation. Instrument for applying plastic-like surgical fastening devices. 4,513,746, 4-30-85, Cl. 128-334.00C.

Aranykalasz Mgtsz: *See—*
- Hegedus, Karoly, 4,518,176, Cl. 280-229.000.
- Plesa, Laszlo, 4,531,290, Cl. 30-178.000.

Aranyosi, Miklos: *See—*
- Toth, Lajos; Tolnay, Lajos; Kiss, Laszlo ; Sziklavaris, Istvan; Aranyosi, Miklos; Zsiros, Laszlo ; Kiss, Ferenc; and Kiss, Lajos, 4,545,815, Cl. 75-49.000.

Arao, Kozo; and Sato, Tadashi, to Canon Kabushiki Kaisha. Optical scanning device. 4,523,803, 6-18-85, Cl. 350-96.130.

Arao, Kozo: *See—*
- Saitoh, Keishi; and Arao, Kozo, 4,532,198, Cl. 430-84.000.
- Shimizu, Isamu; and Arao, Kozo, 4,517,269, Cl. 430-57.000.

Araps, Constance J.: *See—*
- Anderson, Herbert R., Jr.; Araps, Constance J.; and Bates, Richard A., 4,504,007, Cl. 228-123.000.
- Anderson, Herbert R., Jr.; Araps, Constance J.; and Lotsko, Catherine A., 4,539,222, Cl. 427-88.000.

Arashi, Masahiro, to Onomori Iron Works Co., Ltd. Jigger dyeing apparatus. 4,541,255, 9-17-85, Cl. 68-22.00R.

Arashi, Norio: *See—*
- Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.

Arashiba, Nobumasa: *See—*
- Toyoda, Yoshiaki; Wakimura, Kazuo; Hase, Tadaharu; and Arashiba, Nobumasa, 4,555,583, Cl. 568-473.000.

Arasmith, Stanley D. Knife with improved cutting edge for producing novel wood flake. 4,503,895, 3-12-85, Cl. 144-373.000.

- Arata, Ryozo: *See—*
  - Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,500,663, Cl. 524-101.000.
  - Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,525,506, Cl. 524-102.000.
- Arata, Tetsuya: *See—*
  - Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.
- Aratani, Matsuhiko: *See—*
  - Hashimoto, Masashi; and Aratani, Matsuhiko, 4,497,738, Cl. 260-239.00A.
  - Hashimoto, Masashi; Aratani, Matsuhiko; and Sawada, Kozo, 4,539,152, Cl. 260-245.20T.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.
- Aratani, Tadatoshi; Yoshihara, Hiroshi; and Susukamo, Gohfu, to Sumitomo Chemical Company, Limited. Chiral copper complex. 4,552,972, 11-12-85, Cl. 556-35.000.
- Arato, Gabor P., to Isolation Systems Limited. Method and apparatus for monitoring ground faults in isolated electrical systems. 4,528,497, 7-9-85, Cl. 324-51.000.
- Aratsu, Shuichi, to Alps Electric Co., Ltd. Pen recorder. 4,560,996, 12-24-85, Cl. 346-139.00R.
- Araujo, Roger J.; Hares, George B.; Kerko, David J.; Morgan, David W.; and Morse, David L., to Corning Glass Works. Ultraviolet absorbing photochromic glass of low silver content. 4,549,894, 10-29-85, Cl. 65-30.110.
- Arav, Ronnie A., to Beloit Corporation. Control of fluid pressure circuits. 4,530,371, 7-23-85, Cl. 137-115.000.
- Arav, Ronnie A., to Beloit Corporation. Valves. 4,543,977, 10-1-85, Cl. 137-115.000.
- Arav, Ronnie A., to Beloit Walmsley Limited. Apparatus for de-watering fibrous suspensions. 4,544,449, 10-1-85, Cl. 162-374.000.
- Arav, Ronnie A., to Beloit Corporation. Paper forming. 4,561,379, 12-31-85, Cl. 118-126.000.
- Araya, Kotaro: *See—*
  - Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
- Araya, Shinji; and Tsuji, Shintaro, to Mitsubishi Denki Kabushiki Kaisha. Demand estimation apparatus. 4,524,418, 6-18-85, Cl. 364-436.000.
- Araya, Takeshi: *See—*
  - Nakajima, Jun; Araya, Takeshi; Aso, Tadashi; Kawamata, Kiyoshi; and Sugimoto, Kinji, 4,527,045, Cl. 219-130.310.
- Arbabian, Morteza. Waste water heat recovery apparatus. 4,550,771, 11-5-85, Cl. 165-47.000.
- Arbed S.A.: *See—*
  - Block, Franz-Rudolf, 4,529,029, Cl. 164-453.000.
  - Fleming, Georges, 4,508,323, Cl. 266-191.000.
  - Goedert, Jean; Thill, Fernand; Henrion, Romain; Klein, Henri; Liesch, Jean-Francois; and Peckels, Jean, 4,524,958, Cl. 266-272.000.
  - Graas, Rene; and Fackelstein, Michel, 4,492,022, Cl. 29-787.000.
  - Liesch, Jean; Metzdorf, Jacques; Meyers, Andre; Neu, Joseph; and Redo, Jean, 4,548,503, Cl. 356-373.000.
  - Metz, Paul, 4,518,422, Cl. 75-58.000.
  - Metzdorf, Jacques, 4,498,323, Cl. 72-177.000.
  - Peckels, Jean; and Schaaf, Antoine, 4,519,587, Cl. 266-80.000.
  - Schleimer, Francois, 4,561,637, Cl. 266-81.000.
  - Weiner, Antoine, 4,504,311, Cl. 75-51.000.
  - Weiner, Antoine. 4,511,397, Cl. 75-59.170.
- Arbisi, Dominic; and Mitchell, Roger E. Impulse motor structure, drive system and control circuit. 4,535,279, 8-13-85, Cl. 318-696.000.
- Arbisi, Dominic S. Battery-driven vehicle and recharging system. 4,498,551, 2-12-85, Cl. 180-65.500.
- Arbisi, Dominic S.; and Replogle, Coy E. Aerator. 4,522,151, 6-11-85, Cl. 119-3.000.
- Arbo Gereedschapsmakerij B.V.: *See—*
  - Boschman, Everardus H., 4,546,951, Cl. 249-95.000.
- Arbonite Corporation: *See—*
  - Thomson, Ian D. M., 4,493,864, Cl. 428-36.000.
- Arbuckle, Donald P. Fluidic transformer apparatus with feedback. 4,505,115, 3-19-85, Cl. 60-562.000.
- Arbuthnot, Gerald: *See—*
  - Walling, Jorg-Hein; Shannon, Michael A.; and Arbuthnot, Gerald, 4,518,633, Cl. 427-120.000.
  - Walling, Jorg-Hein; Arbuthnot, Gerald; and Shannon, Michael A., 4,560,521, Cl. 264-24.000.
- ARC Rebuilders, Inc.: *See—*
  - Hayes, William; and Dohrenwend, James W., 4,517,083, Cl. 210-131.000.
- Arc Technologies Systems Ltd.: *See—*
  - Lades, Hans; Fink, Friedrich; Liebel, Siegfried; Lauterbach, Inge; Taube, Thomas; and Zollner, Dieter, 4,509,178, Cl. 373-93.000.
  - Schudlich, Kurt; Vielstich, Gunter; Muhlenbeck, Josef; Otto, Josef; Bauer, Hannsgeorg; Zollner, Dieter H.; and Rittmann, Friedrich, 4,518,365, Cl. 445-67.000.
  - Taube, Thomas; and Lauterbach-Dammler, Inge, 4,532,634, Cl. 373-93.000.
  - Zollner, Dieter; Lauterbach-Dammler, Inge; Taube, Thomas; Lades, Hans; Liebel, Siegfried; and Bauer, Hanns-Georg, 4,531,219, Cl. 373-101.000.
- Arcadian Corporation, Inc.: *See—*
  - Hawkins, Edwin F., 4,554,005, Cl. 71-30.000.
  - Pace, Gary M.; and Friedrich, James W., 4,507,142, Cl. 71-83.000.
- Arcair Company: *See—*
  - Coughlin, William J.; Rieppel, Perry J.; and Hoffman, Stephen A., 4,502,179, Cl. 15-322.000.
  - Delius, Henry B., 4,492,841, Cl. 219-69.00R.
  - Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., 4,527,037, Cl. 219-69.00R.
  - Johnson, David E.; and McCall, Kenneth E., 4,540,225, Cl. 339-16.0RC.
  - Moore, Paul E.; Strohl, Robert L.; and Soisson, Lawrence R., 4,544,139, Cl. 266-48.000.
  - Rieppel, Perry J.; and Coughlin, William J., 4,493,970, Cl. 219-137.410.
  - Sadauskas, Raymond L.; and Moore, Paul E., 4,517,440, Cl. 219-145.100.
- Arcamone, Federico: *See—*
  - Foglio, Maurizio; Franceschi, Giovanni; Scarafile, Cosimo; Arcamone, Federico; and Sanfilippo, Aurora, 4,558,042, Cl. 514-192.000.
- Arcan, Mircea. Contact gauge and method of employing same. 4,501,159, 2-26-85, Cl. 73-862.530.
- Arcangeli, Henio R. High efficiency ice making machine and fail safe mechanism therefor. 4,532,776, 8-6-85, Cl. 62-354.000.
- Arcara, Samuel A., to Honeywell Inc. Fuel entrained oxygen compensation for calorific content analyzer. 4,511,262, 4-16-85, Cl. 374-37.000.
- Arcara, Samuel A., to Honeywell Inc. Method of measuring specific gravity and apparatus utilizing the same. 4,527,418, 7-9-85, Cl. 73-30.000.
- Arcari, Giuliana: *See—*
  - Bernardi, Luigi; Temperilli, Aldemio; Ruggieri, Daniela; Arcari, Giuliana; and Salvati, Patricia, 4,500,712, Cl. 546-67.000.
  - Doria, Gianfederico; Passarotti, Carlo; Arcari, Giuliana; and Buttinoni, Ada, 4,551,457, Cl. 514-258.000.
- Arcas, Agustin A.: *See—*
  - Jodar, Francisco Y.; and Arcas, Agustin A., 4,495,892, Cl. 119-16.000.
- Arce, Javier A.: *See—*
  - Fan, Lucy L.; and Arce, Javier A., 4,503,127, Cl. 426-438.000.
- Archambault, Gene. Dish rack and drainboard. 4,531,641, 7-30-85, Cl. 211-41.000.
- Archambeault, William J. Apparatus for counting articles traveling in a random pattern. 4,528,680, 7-9-85, Cl. 377-6.000.
- Archant Limited: *See—*
  - Inman, Roger. 4,550,632, Cl. 76-86.000.
- Archer, Danny, to VRP Partners, Ltd. Expandable support structure usable as loading ramp. 4,527,941, 7-9-85, Cl. 414-537.000.
- Archer, Donald H.; Gilbert, Michael A.; Loomis, Robert H.; and Maybell, Michael J., to Raytheon Company. Radio frequency antenna having a reflector with an edge in a pattern null region to reduce edge scattering. 4,495,504, 1-22-85, Cl. 343-779.000.
- Archer, Farley J. Motorcycle with outrigger wheels. 4,513,837, 4-30-85, Cl. 180-209.000.
- Archer, Gene R. Gardening tool. 4,520,621, 6-4-85, Cl. 56-400.110.
- Archer, John, to Ambient Energy Design. Apparatus for simultaneously closing and opening a group of blinds. 4,550,759, 11-5-85, Cl. 160-176.00R.
- Archer, Michael A., to Lucas Industries Public Limited Company. Control system for a fuel supply system. 4,519,351, 5-28-85, Cl. 123-357.000.
- Archer, Michel, to Societe Anonyme S.T.A.S. Societe Technique d'Accessoires Specialises. Fatigue damage indicator. 4,502,337, 3-5-85, Cl. 73-762.000.
- Archer, Sydney; Benagiano, Giuseppe; Crabbe, Pierre; Diczfalusy, Egon; Djerassi, Carl; and Fried, Josef, to World Health Organization. Esters of 17 α-ethynyl 19-nor-testosterone and 17 α-ethynyl-18-homo-19-nor-testosterone and pharmaceutical compositions containing the same. 4,507,290, 3-26-85, Cl. 514-172.000.
- Archer, Sydney, to Rensselaer Polytechnic Institute. 7-Hydroxylucanthone, 7-hydroxhycanthone and their analogs. 4,539,412, 9-3-85, Cl. 549-27.000.
- Archer, Timothy H.: *See—*
  - Keane, John F.; Butler, John C.; and Archer, Timothy H., 4,533,941, Cl. 358-75.000.
- Archer, Wendel E.; Luther, James M.; and Thieken, Michael L., to AT&T Bell Laboratories. Optical fiber switch, electromagnetic actuating apparatus with permanent magnet latch control. 4,512,627, 4-23-85, Cl. 350-96.200.
- Archibald, G. Kent, to Medical Plastics, Inc. Electrosurgery safety monitor. 4,494,541, 1-22-85, Cl. 123-303.130.
- Archibald, James B.; and Eats, James V., to General Electric Company. Braid clamp for generator shaft voltage and current pickup. 4,519,669, 5-28-85, Cl. 339-274.000.

Archibald, James F.: *See—*
  Turbitt, David M.; and Archibald, James F., 4,554,066, Cl. 209-3.000.

Archibald, Ronald L., to Staveley Machine Tools Limited. Automatic grinding. 4,501,092, 2-26-85, Cl. 51-165.00R.

Architectural Control Systems Incorporated: *See—*
  Senften, David A., 4,529,234, Cl. 292-169.150.

Architectural Resources Cambridge, Inc.: *See—*
  Nizel, Robert N.; and Schimmoller, Frank D., 4,544,214, Cl. 312-209.000.

Archival Color Technologies: *See—*
  Berger, Charles; and Ruth, Kenneth, 4,517,267, Cl. 430-3.000.

Arco Industries Ltd.: *See—*
  D'Andrade, Bruce M.; and Sing Chuen, Johnny Y., 4,508,516, Cl. 446-443.000.

Arcomac S.A.: *See—*
  Lehtinen, Jukka A.; Karhola, Arvo K.; and Griner, Walter H., 4,558,960, Cl. 384-373.000.

Arconthorn Limited: *See—*
  Moreuil, Rene, 4,508,733, Cl. 514-578.000.
  Moreuil, Rene, 4,511,580, Cl. 514-578.000.

Arcu Armaturindustri AB: *See—*
  Hammarstedt, Gosta, 4,507,921, Cl. 60-527.000.

Arcuri, Kym B.; Mauldin, Charles H.; and Shaw, Dave H., to Exxon Research & Engineering Co. Ruthenium-rhenium catalyst on titania support for Fischer-Tropsch synthesis. 4,558,030, 12-10-85, Cl. 502-325.000.

Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, to Snial Resine Poliestere S.p.A.; and Comitato Nazionale per l'Energia Nucleare. Composition of matter suitable for solidifying radioactive wastes, products based on said composition wherein radioactive wastes are solidified and process for obtaining said products. 4,530,783, 7-23-85, Cl. 252-628.000.

Ardac, Inc.: *See—*
  Dolejs, Anthony H., 4,554,807, Cl. 70-208.000.
  Gorgone, Robert L.; Iannadrea, Gerald M.; Dolejs, Anthony H.; Knox, Bruce R.; and Kovach, Alan J., 4,513,439, Cl. 382-7.000.
  Knox, Bruce R.; and Hruby, Andrew J., 4,499,464, Cl. 340-825.720.
  Murck, Sanford C.; and Dolejs, Anthony H., 4,504,052, Cl. 271-9.000.

Ardal Og Sunndal Verk a.s.: *See—*
  Eide, Svein, 4,526,842, Cl. 428-617.000.
  Gunnes, Kare; Naterstad, Tormod; and Lid, Olav, 4,552,530, Cl. 432-192.000.

Ardentov, Vasily V.: *See—*
  Fastritsky, Viktor S.; Vingris, Laimonis T.; Ardentov, Vasily V.; Florinsky, Jury B.; Plotnikov, Viktor I.; Rodnevsky, Leonid A.; and Alexeev, Gennady N., 4,503,392, Cl. 324-232.000.

Ardini, Joseph L., Jr.: *See—*
  Rodman, Paul K.; Ardini, Joseph L., Jr.; and Papworth, David B., 4,561,051, Cl. 364-200.000.

Ardit, Giuseppe: *See—*
  Besson, Duilio; De Marco, Claudio; Peruzzo, Roberto; and Ardit, Giuseppe, 4,535,599, Cl. 62-154.000.

Arditty, Herve; Bourbin, Yannic; Dubos, Jacques; Gautnier, Francis; and Graindorge, Philippe, to Thomson-CSF. Device for providing a drawn fiber-like object with a helical structure. 4,509,968, 4-9-85, Cl. 65-10.100.

Arditty, Herve; and Rollin, Michel, to Thomson-CSF. Optical fibre interferometric electric current measuring device. 4,542,338, 9-17-85, Cl. 324-117.00R.

Arditty, Herve; and Graindorge, Philippe, to Thomson-CSF. Device for heating an annular surface zone of a threadlike object. 4,547,650, 10-15-85, Cl. 219-121.0LE.

Arditty, Herve; and Graindorge, Philippe, to Thomson-CSF. Process and device for manufacturing a fiber keeping a circular polarization. 4,548,631, 10-22-85, Cl. 65-3.100.

Arditty, Herve: *See—*
  Graindorge, Philippe; and Arditty, Herve, 4,536,861, Cl. 367-149.000.
  Graindorge, Philippe; and Arditty, Herve, 4,542,955, Cl. 350-3.630.
  Papuchon, Michel; Arditty, Herve; and Puech, Claude, 4,560,867, Cl. 250-225.000.

Ardo International Marketing: *See—*
  Vogel, Peter, 4,517,692, Cl. 5-451.000.

Arena, Aldo, to Grumman Aerospace Corporation. Method of fabricating a torque joint. 4,513,488, 4-30-85, Cl. 29-516.000.

Arena, Aldo; and Benoit, Robert L., to Grumman Aerospace Corporation. Torsion resistant grooved joint. 4,523,872, 6-18-85, Cl. 403-274.000.

Arena, Aldo, to Grumman Aerospace Corporation. Torque joint. 4,561,799, 12-31-85, Cl. 403-285.000.

Arena, Blaise J., to UOP Inc. Hydrocracking of polyols. 4,496,780, 1-29-85, Cl. 568-861.000.

Arena, Blaise J., to UOP Inc. Ruthenium hydrogenation catalyst with increased activity. 4,503,274, 3-5-85, Cl. 568-863.000.

Arena, Blaise J., to UOP Inc. Increasing catalyst lifetime in hydrogenation of a carbohydrate in aqueous solution. 4,510,339, 4-9-85, Cl. 568-863.000.

Arena, Blaise J., to UOP Inc. Immobilization of organic species on refractory inorganic oxides. 4,520,122, 5-28-85, Cl. 502-152.000.

Arena, Blaise J.: *See—*
  Qualeatti, Gail M.; and Arena, Blaise J., 4,519,951, Cl. 260-409.000.
  Qualeatti, Gail M.; Rosen, Bruce I.; Arena, Blaise J.; and Germanas, Dalia, 4,524,225, Cl. 568-885.000.

Arena, Joseph W.; Gilson, Karle B.; Malcolm, David T.; and Mellander, John A. R., to Crown Forest Industries Limited. Method of making overlaid plywood. 4,541,880, 9-17-85, Cl. 156-94.000.

Arenas, Alvaro; Box, John W.; Davis, Joseph H.; and Tataria, Harshad, to Cordis Corporation. Sealed closure for sealing and closing an opening in a container. 4,544,078, 10-1-85, Cl. 220-256.000.

Arenas, Frank B. Solar efficient structure. 4,498,526, 2-12-85, Cl. 165-45.000.

Arend, Gunter; Konigshofen, Heinrich; Muller, Peter; and Musch, Rudiger, to Bayer Aktiengesellschaft. Xanthogen disulphides. 4,528,388, 7-9-85, Cl. 549-448.000.

Arends, Albert W., to Leesona Corporation. Clamp mechanism for differential pressure thermoformer. 4,509,909, 4-9-85, Cl. 425-388.000.

Arends, Albert W.: *See—*
  Whiteside, Robert C.; Greynolds, Fred L.; and Arends, Albert W., 4,502,588, Cl. 198-409.000.
  Whiteside, Robert C.; Arends, Albert W.; and Karklin, Roland, 4,555,377, Cl. 264-292.000.

Arends, Charles B.: *See—*
  Bubeck, Robert A.; and Arends, Charles B., 4,521,569, Cl. 525-316.000.

Arendsen, David L.: *See—*
  Debernardis, John F.; and Arendsen, David L., 4,500,543, Cl. 514-469.000.
  DeBernardis, John F.; and Arendsen, David L., 4,505,932, Cl. 514-649.000.

Arendt, Hans F.: *See—*
  Hoffmann, Ernst H.; Arendt, Hans F.; Spiewok, Leonhard; and Rettich, Jakob, 4,517,695, Cl. 8-158.000.

Arendt, Paul N.; and Valencia, Vance I., to Jersey Nuclear-Avco Isotopes, Inc. Demodulation of vapor density. 4,551,844, 11-5-85, Cl. 373-12.000.

Arendt, Ronald H.; and Pasco, Wayne D., to General Electric Company. Molten salt synthesis of barium and/or strontium titanate powder. 4,534,956, 8-13-85, Cl. 423-598.000.

Arenhold, Knut. Spring clip. 4,505,010, 3-19-85, Cl. 24-456.000.

Arenhovel, Clemens; Much, Joachim; Onallah, Ali-Maher; and Schmidt, Volkmar, to Ruhrchemie Aktiengesellschaft. Process and apparatus for producing plastic pipe. 4,547,142, 10-15-85, Cl. 425-378.00R.

Arens, Hans, to Grunbeck Wasseraufbereitung GmbH. Multi-tester for water treatment metering apparatus. 4,502,319, 3-5-85, Cl. 73-3.000.

Arens, Hans, to Grunbeck Wasseraufbereitung GmbH. Dosing appliance. 4,510,978, 4-16-85, Cl. 141-65.000.

Arens, Hans, to Grunbeck Wasseraufbereitung GmbH. Dosing pump. 4,515,537, 5-7-85, Cl. 417-489.000.

Arens, Hans, to Grunbeck Wasseraufbereitung GmbH. Dosing pump. 4,523,903, 6-18-85, Cl. 417-489.000.

Arens, Robert A., to Artafax Systems Limited, Inc. Dismountable room partition. 4,493,174, 1-15-85, Cl. 52-243.000.

Arent, Randy L. Portable work station. 4,494,627, 1-22-85, Cl. 182-129.000.

Arentsen, Norbert; and Rentchler, Frances A., to Rentchler, Frances. Clothes hanger hook. 4,517,709, 5-21-85, Cl. 24-232.00R.

Ares N.V. Amsterdam NL, Swiss Branch: *See—*
  Nessi, Pierre; and Crausaz, Jacques, 4,530,366, Cl. 128-736.000.

Ares, Roland A.; and Sylvester, Mark W., to Hussmann Corporation. Climatic control system. 4,502,292, 3-5-85, Cl. 62-238.600.

Ares, Roland A.; Burpo, Steven J.; and Schaeffer, Wayne G., to Hussmann Corporation. Refrigeration system with surge receiver and saturated gas defrost. 4,522,037, 6-11-85, Cl. 62-196.400.

Ares, Roland A.: *See—*
  DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., 4,503,685, Cl. 62-193.000.
  DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., 4,506,523, Cl. 62-470.000.

Arets, Jan W.; and Stinessen, Bernardus J., to U.S. Philips Corporation. Record-disc player comprising a braking mechanism for braking a disc. 4,562,563, 12-31-85, Cl. 369-79.000.

Aretz, Ulrich; Knors, Herbert; Maassen, Wilhelm; Reiners, Franz-Josef; and Tholen, Leo, to W. Schlafhorst & Co. Automatic coil winding machine. 4,558,829, 12-17-85, Cl. 242-35.50A.

Arfert, Horst F. W.; and Leyco, Reynaldo P., to Reynolds Metals Company. Method and apparatus for conveying articles. 4,498,575, 2-12-85, Cl. 198-400.000.

Arfert, Horst F. W., to Reynolds Metals Company. Method and apparatus for packaging containers. 4,516,383, 5-14-85, Cl. 53-410.000.

Arff, Heino, to ITW Ateco GmbH. Cleat for sports shoes. 4,492,047, 1-8-85, Cl. 36-134.000.

Arfsten, Richard. Roof ventilator. 4,520,713, 6-4-85, Cl. 98-42.190.

Argabright, Perry A.; and Rhudy, John S., to Marathon Oil Company. Oil recovery process and system. 4,503,909, 3-12-85, Cl. 166-252.000.

Argall, Bruce M.; Kuchirka, Peter J.; and Radford, Kenneth C., to Westinghouse Electric Corp. Burnable neutron absorbers. 4,522,744, 6-11-85, Cl. 252-478.000.

Argandona, Toby. Fillbox for storage tank inlet. 4,491,147, 1-1-85, Cl. 137-371.000.

Argandona, Toby: *See—*
  Armbruster, Josef, Jr.; and Argandona, Toby, 4,506,529, Cl. 70-168.000.

Argentieri, Michael A., to International Telephone and Telegraph Corporation. Enclosure for a power supply. 4,555,587, 11-26-85, Cl. 174-11.00R.

Argentino, Giovanni: *See—*
  Serrao, Charles A., 4,524,768, Cl. 128-134.000.

Argiles & Mineraux AGS-BMP: *See—*
- Geirnaert, Gilles, 4,560,660, Cl. 435-176.000.

Arginsky, Richard C., to Master Juvenile Products. Spray hoop. 4,498,627, 2-12-85, Cl. 239-279.000.

Argintaru, Lazare: *See—*
- Luginbuhl, Pierre; Parniere, Alain; and Argintaru, Lazare, 4,509,200, Cl. 455-12.000.

Argiropoulos, George D.; and Sahachaisere, Somchai, to Sta-Rite Industries, Inc. Cartridge filter end cap. 4,537,6[illegible]1, 8-27-85, Cl. 210-317.000.

Argo Systems, Inc.: *See—*
- Miles, Thomas P.; and Koenen, Richard A., 4,528,567, Cl. 343-442.000.

Argoudelis, Alexander D.; Marshall, Vincent P.; and Wiley, Paul F., to Upjohn Company, The. Antibiotic 273_{a1}. 4,505,895, 3-19-85, Cl. 424-117.000.

Argoudelis, Alexander D.: *See—*
- Hannon, Betty R.; Reusser, Fritz; Dolak, Lester A.; Argoudelis, Alexander D.; and Castle, Thomas M., 4,540,661, Cl. 435-42.000.

Arguello, Leonard E.; Blaser, Lawrence M.; and Wilson, Verne H., to Fairchild Camera & Instrument Corporation. Dynamic ignition apparatus. 4,538,585, 9-3-85, Cl. 123-609.000.

Arguin, Gerard. Tandem trailer system. 4,526,395, 7-2-85, Cl. 280-408.000.

Argus Chemical Corporation: *See—*
- Brecker, Lawrence R.; and Keeley, Charles, 4,500,665, Cl. 524-227.000.
- Kauder, Otto S.; and Keeley, Charles, 4,508,863, Cl. 524-181.000.

Argyo, Wilhelm, to Siemens Aktiengesellschaft. Layer containing carbon and a method and apparatus for producing such a layer. 4,551,216, 11-5-85, Cl. 204-192.00C.

Arias-Alvarez, Antonio J., to T & R Chemicals, Inc. Therapeutic compositions. 4,532,131, 7-30-85, Cl. 424-162.000.

Arias, Beairit C.: *See—*
- Larrauri, Jose M.; Arias, Beairit C.; and Galiasso, Roberto E., 4,508,616, Cl. 208-111.000.

Arias, Beatriz; Kum, Humberto; and Galiasso, Roberto, to Intevep, S.A. Hydrocracking catalyst. 4,499,202, 2-12-85, Cl. 502-211.000.

Arias Mas, Gonzalo. Machine for making ice flakes from sea water or fresh water. 4,512,160, 4-23-85, Cl. 62-71.000.

Arichi, Isao; Koh, Takuji; and Nanba, Isao, to Omron Tateisi Electronics Co. Mode selection arrangement for use in a timer. 4,547,077, 10-15-85, Cl. 368-107.000.

Arichi, Shigeru; and Uchida, Yoshihiro, to Osaka Chemical Laboratory Co., Ltd. Sovbean saponins, and a method of isolating the same. 4,524,067, 6-18-85, Cl. 514-33.000.

Arieh, Simon; and Courvoisier, Guy, to Battelle Memorial Institute. Ski boot. 4,519,150, 5-28-85, Cl. 36-121.000.

Arieh, Simon: *See—*
- Courvoisier, Guy; and Arieh, Simon, 4,513,197, Cl. 219-527.000.

Ariel, Gideon B., to PepsiCo Inc. Passive programmable resistance device. 4,544,154, 10-1-85, Cl. 272-129.000.

Aries Electronics, Inc.: *See—*
- Sinclair, William Y., 4,531,795, Cl. 339-45.00M.

Ariessohn, Peter C.; and James, Richard K., to Weyerhaeuser Company. Imaging of hot infrared emitting surfaces obscured by particulate fume and hot gases. 4,539,588, 9-3-85, Cl. 358-113.000.

Ariga, Masao: *See—*
- Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.
- Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.

Ariga, Yoshio; Miyano, Toshiyuki; and Wakisaka, Yukinori, to Tokyo Shibaura Denki Kabushiki Kaisha. Stacking device for paper sheets. 4,501,418, 2-26-85, Cl. 271-187.000.

Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, to Honda Giken Kogyo Kabushiki Kaisha. Instrument panel manufacturing system. 4,505,774, 3-19-85, Cl. 156-499.000.

Arigaya, Hideto; Katsai, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, to Honda Giken Kogyo Kabushiki Kaisha; and Oiles Industry Co., Ltd. Sliding member and a method for manufacturing the same. 4,559,249, 12-17-85, Cl. 428-36.000.

Ariizumi, Shoji, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor integrated circuit device with circuits for protecting an input section against an external surge. 4,527,213, 7-2-85, Cl. 361-56.000.

Ariizumi, Shoji; Segawa, Makoto; and Masuoka, Fujio, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory device. 4,535,426, 8-13-85, Cl. 365-182.000.

Ariizumi, Shoji, and Segawa, Makoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Charge pump substrate bias with antiparasitic guard ring. 4,539,490, 9-3-85, Cl. 307-296.00R.

Ariizumi, Shoji; and Segawa, Makoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Static memory having load polysilicon resistors formed over driver FET drains. 4,541,006, 9-10-85, Cl. 357-41.000.

Ariizumi, Shoji; and Segawa, Makoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device having multiple conductive layers and the method of manufacturing the semiconductor device. 4,544,941, 10-1-85, Cl. 357-71.000.

Ariizumi, Shoji: *See—*
- Segawa, Makoto; and Ariizumi, Shoji, 4,504,746, Cl. 307-475.000.
- Segawa, Makoto; and Ariizumi, Shoji, 4,549,102, Cl. 307-578.000.
- Segawa, Makoto; and Ariizumi, Shoji, 4,554,469, Cl. 307-482.000.

Ariizumi, Syoji; Fukatsu, Yasushi; and Masuoka, Fujio, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device having a high resistivity layer in direct contact with a polycrystalline silicon layer of high impurity concentration. 4,558,343, 12-10-85, Cl. 357-51.000.

Arika, Junji; Itabashi, Keiji; and Tamura, Yoshio, to Toyo Soda Manufacturing Co., Ltd. Process for preparation of L type zeolites. 4,530,824, 7-23-85, Cl. 423-328.000.

Arika, Junji; Shiota, Eiji; and Yamamoto, Kazuaki, to Toyo Soda Manufacturing Co., Ltd. Spherical micro-porous silica gel and a production process thereof. 4,554,211, 11-19-85, Cl. 428-402.000.

Arika, Junji; Miyazaki, Hiroshi; Igawa, Kazushige; and Itabashi, Keiji, to Toyo Soda Manufacturing Co., Ltd. Process for preparation of zeolites. 4,562,055, 12-31-85, Cl. 423-329.000.

Arikado, Tsunetoshi: *See—*
- Higashikawa, Iwao; and Arikado, Tsunetoshi, 4,510,173, Cl. 427-44.000.

Arikawa, Hiroo, to S.O.C. Corporation. Micro-fuse assembly. 4,511,875, 4-16-85, Cl. 337-201.000.

Arikawa, Hiroo, to S.O.C. Corporation. Thermal cut-off device. 4,527,144, 7-2-85, Cl. 337-407.000.

Arikawa, Hiroo, to S.O.C. Corporation. Chip type fuse having connecting legs. 4,559,514, 12-17-85, Cl. 337-201.000.

Arikawa, Junichi: *See—*
- Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,511,133, Cl. 271-3.100.
- Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,513,958, Cl. 271-187.000.
- Kokubo, Eiichi; Arikawa, Junichi; Goi, Kowichi; and Imura, Shinichi, 4,517,451, Cl. 235-379.000.
- Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,527,845, Cl. 312-215.000.
- Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,552,354, Cl. 271-163.000.
- Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
- Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.

Arikawa, Tetsuro: *See—*
- Harada, Atsumu; and Arikawa, Tetsuro, 4,517,647, Cl. 364-426.000.

Arikawa, Yoshijiro: *See—*
- Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, 4,521,631, Cl. 568-478.000.

Ariki, Yusaku; Hino, Takio; and Yoshida, Noboru, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Method for purifying 1,2-dichloroethane. 4,507,514, 3-26-85, Cl. 570-262.000.

Arild, Tor. Universal mechanical linkage. 4,498,656, 2-12-85, Cl. 248-608.000.

Arima, Itsuo: *See—*
- Horie, Hiromichi; Morita, Mikio; and Arima, Itsuo, 4,543,208, Cl. 252-62.540.

Arima, Juichi, to Arima Marine International, Inc. Boat hull. 4,492,176, 1-8-85, Cl. 114-56.000.

Arima, Kiyoteru: *See—*
- Miyako, Haruyoshi; and Arima, Kiyoteru, 4,538,258, Cl. 369-271.000.

Arima, Makoto; Tsumura, Takashi; and Ueda, Akihiko, to Kurashiki Boseki Kabushiki Kaisha. Proof-printing machine. 4,558,643, 12-17-85, Cl. 101-158.000.

Arima Marine International, Inc.: *See—*
- Arima, Juichi, 4,492,176, Cl. 114-56.000.

Arima, Tetsuo; Kawamoto, Akio; and Osawa, Hide. Sweetener composition, process for making the same, and comestibles comprising said sweetener composition. 4,556,565, 12-3-85, Cl. 426-3.000.

Arimatsu, Seiji: *See—*
- Sakurai, Kiyomi; and Arimatsu, Seiji, 4,508,814, Cl. 430-303.000.
- Sakurai, Kiyomi; and Arimatsu, Seiji, 4,556,462, Cl. 204-6.000.

Arimatsu, Toshio, to Sumitomo Rubber Industries, Ltd. Method for controlling the state of vulcanization of wheel tires and apparatus therefor. 4,542,466, 9-17-85, Cl. 364-473.000.

Arimatsu, Yoshikazu: *See—*
- Saitoh, Minoru; Arimatsu, Yoshikazu; Tani, Katsuya; and Mitamura, Hideyuki, 4,499,221, Cl. 524-109.000.
- Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, 4,562,239, Cl. 528-65.000.

Arimitsu, Yoshiro, to John Bodger & Sons Co. Seed treating machine. 4,554,067, 11-19-85, Cl. 209-136.000.

Arimoto, Akira: *See—*
- Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, 4,561,717, Cl. 350-6.800.

Arimoto, Satomi, to Mitsubishi Denki Kabushiki Kaisha. Alternating current limiting apparatus. 4,523,249, 6-11-85, Cl. 361-58.000.

Arimoto, Satomi, to Mitsubishi Denki Kabushiki Kaisha. Circuit breaker of spiral arc type. 4,560,848, 12-24-85, Cl. 200-147.00A.

Arimura, Akira: *See—*
- Chang, Ding; Arimura, Akira; Culler, Michael D.; and Chang, Jaw-Kang, 4,562,175, Cl. 514-12.000.

Arimura, Hirofumi; Uemura, Yahiro; and Okuno, Yoshiomi, to Green Cross Corporation, The. Live mumps vaccine and method of stabilizing the same. 4,555,401, 11-26-85, Cl. 424-89.000.

Arimura, Hirofumi: *See—*

Uemura, Yahiro; Arimura, Hirofumi; Morise, Hiroshi; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,526,782, Cl. 424-85.000.

Arinc Research Corporation: *See—*

Russell, James L., 4,527,275, Cl. 375-1.000.

Arino, Masao; and Koyama, Teruo, to Jidosha Kiki Co., Ltd. Mounted check valve assembly. 4,492,249, 1-8-85, Cl. 137-515.000.

Arioka, Hiroyuki: *See—*

Nishimatsu, Masaharu; Ide, Toshiaki; Arioka, Hiroyuki; and Kubota, Yuichi, 4,547,419, Cl. 428-212.000.

Arioka, Takanori: *See—*

Kitada, Toyohiko; and Arioka, Takanori, 4,545,248, Cl. 73-597.000.

Arioli, Amedea; and Arioli, Lorenza, to Arioli & C. S.r.l. Folding device for machines for treating folded fabrics, particularly printed fabrics. 4,560,099, 12-24-85, Cl. 226-105.000.

Arioli & C. S.r.l.: *See—*

Arioli, Amedea; and Arioli, Lorenza, 4,560,099, Cl. 226-105.000.

Arioli, Lorenza: *See—*

Arioli, Amedea; and Arioli, Lorenza, 4,560,099, Cl. 226-105.000.

Aris Isotoner Gloves, Inc.: *See—*

Revene, Nadine, 4,532,657, Cl. 2-409.000.

Arisawa, Norisada: *See—*

Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.

Arisawa, Yasuo: *See—*

Nishizawa, Jun-ichi; Suzuki, Sohbe; Tamamushi, Takashige; and Arisawa, Yasuo, 4,531,156, Cl. 358-213.000.

Arisi, Sergio, to CISE Centro Informazioni Studi Esperienze S.p.A. Instrument unit for measuring temperatures and heat flux in evaporative walls of steam generators. 4,527,908, 7-9-85, Cl. 374-147.000.

Aristo Graphic Systeme GmbH & Co. KG: *See—*

Behnke, Gert, 4,542,261, Cl. 178-18.000.

Aristoff, Paul A., to Upjohn Company, The. Composition and process. 4,525,586, 6-25-85, Cl. 544-174.000.

Aristoff, Paul A.; and Sih, John C., to Upjohn Company, The. 9-Substituted carbacyclin analogs. 4,533,749, 8-6-85, Cl. 562-501.000.

Aristoff, Paul A., to Upjohn Company, The. Interphenylene carbacyclin compound. 4,544,764, 10-1-85, Cl. 560-56.000.

Arita, Koichiro; and Suzuki, Hajime, to Daicel Chemical Industries, Ltd. Copolymer polyamide resin containing polyolefin moiety. 4,555,566, 11-26-85, Cl. 528-323.000.

Arita, Masafumi: *See—*

Tahara, Tetsuya; Arita, Masafumi; and Kuroda, Tsuyoshi, 4,546,107, Cl. 514-411.000.

Arita, Masashi; and Nakazawa, Shigeo. Apparatus for forming gears. 4,546,635, 10-15-85, Cl. 72-345.000.

Arita, Masashi: *See—*

Ike, Masahide; and Arita, Masashi, 4,509,353, Cl. 72-267.000.

Arita, Masataka; and Matsubara, Mitsuyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. X-Ray diagnostic apparatus. 4,520,494, 5-28-85, Cl. 378-108.000.

Arita, Setsuo; and Ito, Tetsuo, to Hitachi, Ltd. Signal diagnostic method and apparatus for multiple transmission system. 4,520,483, 5-28-85, Cl. 371-68.000.

Arita, Tetsuo: *See—*

Sakai, Kiyoshi; Ishikawa, Shozo; Arita, Tetsuo; Mabuchi, Minoru; and Umehara, Shoji, 4,501,808, Cl. 430-59.000.

Arita, Yoshinobu: *See—*

Sakai, Tetsushi; Kobayasi, Yoshizi; Yamauchi, Hironori; and Arita, Yoshinobu, 4,531,282, Cl. 29-578.000.

Arita, Yosihumi; Murakami, Yukihiro; and Yuasa, Miyabi, to Toray Industries, Inc. Apparatus for producing oxidized filaments. 4,545,762, 10-8-85, Cl. 432-59.000.

Arita, Yosihumi; Katsuki, Kosuke; and Tabuchi, Sadao, to Toray Industries, Inc. Winding method and apparatus for multifilament fiber bundle. 4,561,601, 12-31-85, Cl. 242-35.50R.

Aritaka, Norihiro: *See—*

Takeyama, Akira; Tazaki, Kenshi; Nojima, Satoshi; Aritaka, Norihiro; and Mita, Teruyoshi, 4,542,496, Cl. 370-16.000.

Aritake, Toshiyuki, to Mitsubishi Plastics Industries Limited. Adhesive tape and process for its production. 4,513,028, 4-23-85, Cl. 427-173.000.

Aritomi, Mitsutoshi: *See—*

Hokamura, Sadakazu; Shinohara, Toshio; Nomura, Ryoichi; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,505,954, Cl. 427-380.000.

Hokamura, Sadakazu; Shinohara, Toshio; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,508,767, Cl. 427-407.100.

Hokamura, Sadakazu; Yamada, Seiji; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,514,445, Cl. 427-410.000.

Aritsubo, Hirofumi: *See—*

Ogawa, Takahisa; and Aritsubo, Hirofumi, 4,541,638, Cl. 277-9.000.

Ariyoshi, Haruki: *See—*

Ikehara, Yasunobu; Ariyoshi, Haruki; and Hidaka, Ryoichi, 4,560,406, Cl. 75-30.000.

Ariyoshi, Hiromi; and Yokomori, Iwao, to Nippondenso Co., Ltd. Current control method and apparatus for electromagnetic valves. 4,520,420, 5-28-85, Cl. 361-154.000.

Ariyoshi, Takashi; Emura, Noriaki; and Sakanaka, Yasuhiro, to Toyo Soda Manufacturing Co., Ltd. Process for preparing a rubber-asphalt composition. 4,511,679, 4-16-85, Cl. 521-83.000.

Arizona Chemical Company: *See—*

Davis, Curry B.; and Frade, Americo G. P., 4,536,332, Cl. 260-97.600.

Arizona State University: *See—*

Pettit, George R.; and Herald, Cherry L., 4,560,774, Cl. 549-267.000.

Arizono, Kenzo; Terasawa, Michio; and Nobutoki, Michiharu, to Yoshitomi Pharmaceutical Industries, Ltd. Pranoprofen gelled ointment. 4,525,348, 6-25-85, Cl. 424-81.000.

Arjomari-Prioux: *See—*

Gomez, Daniel; and Bartoli, Giampaolo, 4,545,854, Cl. 162-135.000.

Vernois, Michel; and Duboeuf, Jean-Paul, 4,513,056, Cl. 428-264.000.

Arkans, Edward J., to Kendall Company, The. Pressure measurement method. 4,492,234, 1-8-85, Cl. 128-677.000.

Arkansas Medical Research & Development Corporation: *See—*

Elliott, John Q., 4,515,779, Cl. 424-145.000.

Arkind, Kenneth D.: *See—*

Powers, Richard L.; and Arkind, Kenneth D., 4,531,130, Cl. 343-767.000.

Arkles, Barry C.; Peterson, William R., Jr.; and Rokowski, Joseph M., to Petrarch Systems Inc. Mixed alkoxyaminosilanes, methods of making same and vulcanizing silicons prepared therefrom. 4,491,669, 1-1-85, Cl. 556-410.000.

Arkles, Barry C., to Petrarch Systems Inc. Curable silicone containing compositions and methods of making same. 4,500,688, 2-19-85, Cl. 525-431.000.

Arkles, Barry C., to Petrarch Systems Inc. Mixtures of polyacrylate resins and siloxane-styrene copolymers. 4,550,139, 10-29-85, Cl. 525-90.000.

Arlasky, David F.: *See—*

Crites, Allan B., 4,539,548, Cl. 340-63.000.

Arlco PTY Limited: *See—*

Tate, William G., 4,529,110, Cl. 223-85.000.

Arlington Automatics, Inc.: *See—*

Magee, Robert L., Jr., 4,493,374, Cl. 166-382.000.

Arlowe, H. Duane, to United States of America, Energy. Capacitive label reader. 4,553,026, 11-12-85, Cl. 235-451.000.

Arlt, Dieter, to Bayer Aktiengesellschaft. Dialkoxymethyl-butyrolactones. 4,508,913, 4-2-85, Cl. 549-320.000.

Arlt, Dieter: *See—*

Fengler, Gerd; Arlt, Dieter; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,548,934, Cl. 514-225.000.

Jautelat, Manfred; Arlt, Dieter; and Jager, Gerhard, 4,495,370, Cl. 568-322.000.

Klein, Gerhard; Arlt, Dieter; and Braden, Rudolf, 4,505,860, Cl. 260-453.00A.

Armada Corporation: *See—*

Hochstein, Peter A., 4,544,988, Cl. 361-211.000.

Armah, Ben: *See—*

Cohnen, Erich; and Armah, Ben, 4,526,897, Cl. 514-392.000.

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Armando, John E.: *See—*

Brown, Vincent B.; Kozel, Charles A.; Scheitz, John T.; and Armando, John E., 4,537,456, Cl. 339-99.00R.

Armando, Toni E.; Brewer, John R.; Duvall, Leroy F.; and Novotny, John C., to Quaker Oats Company, The. Process for manufacturing cavity-filled cereal pieces. 4,539,211, 9-3-85, Cl. 426-291.000.

Armanet, Jean-Michel: *See—*

Tournier, Herve; Johansson, Allan A.; Sachetto, Jean-Pierre; Armanet, Jean-Michel; Michel, Jean-Pierre; and Roman, Alain, 4,511,433, Cl. 162-16.000.

Armaroli, Gianni: *See—*

Lodi, Oliviero; and Armaroli, Gianni, 4,530,633, Cl. 414-414.000.

Armas & Harshbarger Manufacturing Co.: *See—*

Armas, Joe, 4,552,193, Cl. 144-144.500.

Armas, Joe, to Armas & Harshbarger Manufacturing Co. Panelled door frame shaper template. 4,552,193, 11-12-85, Cl. 144-144.500.

Armatron International, Inc.: *See—*

DeYoreo, Sal G.; and Stevens, David P., 4,519,776, Cl. 431-328.000.

DeYoreo, Sal G., 4,523,404, Cl. 43-112.000.

Armbrecht, Norbert: *See—*

Sommer, Karl; and Armbrecht, Norbert, 4,492,653, Cl. 534-796.000.

Armbrust, Herbert; Dix, Johannes P.; Hansen, Guenter; and Zeidler, Georg, to BASF Aktiengesellschaft. Disazo dyes. 4,521,216, 6-4-85, Cl. 8-639.000.

Armbruster, Curtis J. Collapsible automotive clothing hanger. 4,523,701, 6-18-85, Cl. 223-94.000.

Armbruster, David R., to Acme Resin Corporation. Acid-curable fluoride-containing no-bake foundry resins. 4,495,316, 1-22-85, Cl. 523-139.000.

- Armbruster, Gerhard; Neubert, Werner; and Schaal, Gunter, to Robert Bosch GmbH. Cutting roller. 4,506,711, 3-26-85, Cl. 144-230.000.
- Armbruster, Gerhard; Schadlich, Fritz; and Seidel, Eberhard, to Robert Bosch GmbH. Hand-held power tool with circular-disk-shaped tool. 4,545,121, 10-8-85, Cl. 30-374.000.
- Armbruster, Josef, Jr.; and Argandona, Toby. Standpipe security apparatus. 4,506,529, 3-26-85, Cl. 70-168.000.
- Armbruster, Joseph M. Filter for air circulator. 4,514,197, 4-30-85, Cl. 55-316.000.
- Armbruster, Joseph M. Air circulator and air filtration device. 4,526,592, 7-2-85, Cl. 55-276.000.
- Armbruster, Robert G.; and Scriver, Richard M., to Goodyear Tire & Rubber Company, The. Pneumatic tire with tread of medium vinyl polybutadiene/rubber blend. 4,530,959, 7-23-85, Cl. 524-526.000.
- Armbruster, Thomas L., to Comm Stitch. Undergarment with attached absorbent liner. 4,555,245, 11-26-85, Cl. 604-396.000.
- Armco Inc.: *See—*
  - Anschutz, Reynold G., 4,505,614, Cl. 405-195.000.
  - Binks, Richard H.; and Christ, Frederick C., 4,504,195, Cl. 417-172.000.
  - Boston, Steven L.; Caudill, Forrester; and Arnold, Jerry L., 4,557,953, Cl. 427-432.000.
  - Boynton, Jerald H., 4,545,703, Cl. 405-273.000.
  - Cobb, Jasper E., III, 4,554,947, Cl. 137-596.180.
  - Cook, James R.; and Dishun, Thomas R., 4,525,917, Cl. 29-527.700.
  - Cordea, James N.; Jasper, Joseph C.; and Sheth, Harshad V., 4,502,886, Cl. 75-125.000.
  - Cowan, William S., 4,557,628, Cl. 405-191.000.
  - Flake, Clark J., 4,543,196, Cl. 252-35.000.
  - Galle, Edward M., Jr.; and Cowan, William S., 4,491,351, Cl. 285-318.000.
  - Galle, Edward M., Jr., 4,528,738, Cl. 29-416.000.
  - Goudy, William E., deceased, 4,513,869, Cl. 212-175.000.
  - Haselkorn, Michael H., 4,496,399, Cl. 148-6.15R.
  - Haselkorn, Michael H., 4,498,936, Cl. 148-6.15R.
  - Holland, Ronald A.; Petrie, Harold L.; Brennan, John R.; and Christ, Frederick C., 4,519,457, Cl. 166-317.000.
  - Hoover, Bradley R.; and Bagdal, Karl T., 4,524,546, Cl. 51-165.00R.
  - Jesseman, Rodney J., 4,534,805, Cl. 148-12.300.
  - Lawson, John E., 4,497,592, Cl. 405-202.000.
  - Lawson, John E., 4,550,782, Cl. 166-382.000.
  - McClelland, John R.; Wright, Wade S.; Diamond, Edward P.; Pryor, Leroy C.; and Olson, Douglas R., 4,504,957, Cl. 373-130.000.
  - Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., 4,557,952, Cl. 427-432.000.
  - Palm, Richard R.; James, Robert G.; and Fisher, Robert E., 4,534,706, Cl. 417-17.000.
  - Scheel, John H., 4,527,776, Cl. 266-44.000.
  - Schoen, Jerry W.; and Young, Russel L., 4,545,828, Cl. 148-111.000.
  - Schoen, Jerry W.; and Young, Russel L., 4,554,029, Cl. 148-112.000.
  - Schumacher, William J.; and Tanczyn, Harry, 4,494,988, Cl. 75-128.00A.
  - Seaburg, Paul A.; and Mueller, Warren E., 4,522,005, Cl. 52-544.000.
  - Young, Russel L.; and Margerum, David E., 4,527,032, Cl. 219-10.61R.
- Armellino, Richard A., Jr.; and Armellino, Stephen E. Ballistic material for flexible body armor and the like. 4,522,871, 6-11-85, Cl. 428-252.000.
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  - Armellino, Richard A., Jr.; and Armellino, Stephen E., 4,522,871, Cl. 428-252.000.
- Armeniades, C. D.; and Moorhead, Louise C. Ophthalmic instrument for measuring intraocular fluid pressure. 4,548,205, 10-22-85, Cl. 128-748.000.
- Armenta, Richard, to Syntex (U.S.A.) Inc. Homogeneous enzyme immunoassay for ferritin. 4,560,648, 12-24-85, Cl. 435-7.000.
- Armer, John, to RCA Corporation. Complementary FET ripple carry binary adder circuit. 4,523,292, 6-11-85, Cl. 364-786.000.
- Armerad Betong Vagforbattringar Aktiebolag: *See—*
  - Eriksson, Sture, 4,525,172, Cl. 44-32.000.
  - Sjodin, Carl A., 4,541,846, Cl. 55-97.000.
- Armex Cable Corporation: *See—*
  - Drew, Thomas J.; and Day, Frank S., 4,491,685, Cl. 174-75.00C.
- Armijo, Manuel: *See—*
  - Molnar, Francois; Szabo, Suzanne; Statkov, Peter R.; Armijo, Manuel; Sunkel, Carlos; and Cillero, Fernando, 4,532,249, Cl. 514-324.000.
- Armitage, Bernard J.; and Donaldson, Margaret L., to Boots Company PLC, The. Therapeutic agent. 4,501,727, 2-26-85, Cl. 424-16.000.
- Armitage, Scott T., to Rockwell International Corporation. Digital circuit for generating ascending or descending ramp-like waveforms. 4,504,741, 3-12-85, Cl. 307-228.000.
- Armold, Clark W.; Huebner, Michael B.; and Tobin, David. Process for separation of ash from waste activated sludge. 4,541,933, 9-17-85, Cl. 210-780.000.
- Armor, John N., to Allied Corporation. Catalytic oxidation of primary amines to oximes by elemental oxygen. 4,504,681, 3-12-85, Cl. 564-267.000.
- Armor, John N.: *See—*
  - Yamanis, Jean; Carlson, Emery J.; and Armor, John N., 4,560,797, Cl. 564-267.000.
- Armotek Industries, Inc.: *See—*
  - Andersen, Dennis, 4,503,769, Cl. 101-153.000.
- Armour, Charles R.; Domke, Robert R.; and Spero, Richard J. Training interface device for dispensing stores. 4,541,804, 9-17-85, Cl. 434-15.000.
- Armour Food Company: *See—*
  - Orlowski, Gerald J., 4,529,101, Cl. 221-11.000.
- Armour, John S.: *See—*
  - Chinn, Bryan P.; Armour, John S.; Watson, Peter M. F.; and Donne, Graham L., 4,492,244, Cl. 137-38.000.
- Armour Pharmaceutical Company: *See—*
  - Amphlett, Godfrey W.; and Hrinda, Michael E., 4,508,709, Cl. 424-101.000.
  - Laba, Dennis; Margres, John J., Jr.; and Burkhardt, Kristin, 4,524,062, Cl. 424-65.000.
  - Orlowski, Ronald C.; and Seyler, Jay K., 4,495,097, Cl. 260-112.50T.
  - Orlowski, Ronald C.; and Seyler, Jay K., 4,497,731, Cl. 260-112.50T.
  - Orlowski, Ronald C.; Stahl, Glenn L.; and Colescott, Robert L., 4,528,132, Cl. 260-112.50T.
  - Orlowski, Ronald C.; and Seyler, Jay K., 4,537,716, Cl. 260-112.50T.
  - Seyler, Jay K.; Stahl, Glenn L.; and Orlowski, Ronald C., 4,497,732, Cl. 260-112.50T.
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- Armstrong, Alan S.: *See—*
  - Abram, Dinah; Armstrong, Alan S.; Herrmann, John E.; and Ling, Chung-Mei, 4,497,900, Cl. 436-511.000.
- Armstrong, Alfred, to Crathco, Inc. Beverage-dispenser valve arrangements. 4,505,409, 3-19-85, Cl. 222-509.000.
- Armstrong-Blum Manufacturing Co.: *See—*
  - Yakich, John L., 4,501,181, Cl. 83-169.000.
- Armstrong, Bruce A.: *See—*
  - McMahon, Garfield W.; and Armstrong, Bruce A., 4,524,693, Cl. 367-167.000.
- Armstrong, Bruce G., to Raytheon Company. Integrated circuit memory. 4,561,070, 12-24-85, Cl. 365-227.000.
- Armstrong, Carl R. Radio actuated record controller device. 4,499,567, 2-12-85, Cl. 369-7.000.
- Armstrong, Daniel W., to Advanced Separation Technologies Inc. Bonded phase material for chromatographic separations. 4,539,399, 9-3-85, Cl. 536-103.000.
- Armstrong, Donald E., to GTE Products Corporation. Multilamp photoflash array fabrication. 4,493,667, 1-15-85, Cl. 445-28.000.
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- Armstrong, Gordon P.; Flautt, Martin C.; and Williams, Gary L., to Owens-Corning Fiberglas Corporation. Apparatus for severing strand. 4,537,107, 8-27-85, Cl. 83-694.000.
- Armstrong, Gordon P.; and Flautt, Martin C., to Owens-Corning Fiberglas Corporation. Method and apparatus for producing chopped strands. 4,537,610, 8-27-85, Cl. 65-3.440.
- Armstrong, Gordon P.: *See—*
  - Pollet, Jean-Claude; Flautt, Martin C.; and Armstrong, Gordon P., 4,539,364, Cl. 524-488.000.
- Armstrong, Gregory J.: *See—*
  - Doering, Robert R.; and Armstrong, Gregory J., 4,561,170, Cl. 29-571.000.
- Armstrong, Harold A. Baseball training bat. 4,511,139, 4-16-85, Cl. 273-26.00B.
- Armstrong, Howard L. Automated windshield wiper system. 4,554,493, 11-19-85, Cl. 318-444.000.
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  - Schlesch, Ronald D.; and Lyons, Robert F., 4,508,135, Cl. 137-185.000.
- Armstrong, Jack: *See—*
  - Vessey, John R.; Patel, Chandrakant M.; and Armstrong, Jack, 4,523,673, Cl. 198-486.000.
- Armstrong, James A. Building wall descent device having manually operated brake means. 4,520,895, 6-4-85, Cl. 182-3.000.
- Armstrong, Joe W. Method for printing indicia on porous sheets. 4,547,406, 10-15-85, Cl. 427-282.000.
- Armstrong, John T., Jr.: *See—*
  - Mitchell, Randall M.; and Armstrong, John T., Jr., 4,523,892, Cl. 417-34.000.
- Armstrong Jones Inc.: *See—*
  - Jones, William H., 4,509,961, Cl. 55-294.000.
- Armstrong, Maclay M.; Rogers, John R.; and Houser, Steven A., to Armstrong, Maclay M. Method and implement for pulling bonded orthodontic brackets off teeth. 4,553,932, 11-19-85, Cl. 433-4.000.
- Armstrong, Maclay M.; and Houser, Steven A., to Armstrong, Maclay M. Force-adjustable and disconnectible connector for orthodontic headgear. 4,553,933, 11-19-85, Cl. 433-5.000.

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- Armstrong, Richard G.: *See—*
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- Armstrong, Richard J.: *See—*
  - Dickson, Edward J.; and Armstrong, Richard J., 4,512,535, Cl. 242-200.000.
- Armstrong, Richard M. Electric immersion heater assembly having an isolated terminal box. 4,506,140, 3-19-85, Cl. 219-315.000.
- Armstrong, Robert G.; and Stewart, Richard L., to Popsicle Industries, Inc. Apparatus for releasably retaining a confection stick. 4,507,070, 3-26-85, Cl. 425-126.00S.
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- Armstrong, Thomas R., to Paradyne Corporation. Digital communication link monitoring device. 4,558,317, 12-10-85, Cl. 340-825.060.
- Armstrong, Timothy J.; and Wynen, Gerrard A. Safety harness system for confined space workers. 4,553,633, 11-19-85, Cl. 182-3.000.
- Armstrong, William D., to Halcon SD Group, Inc., The. Process for preparing silver catalysts. 4,555,501, 11-26-85, Cl. 502-243.000.
- Armstrong, William E., to Scovill Inc. Intercom system. 4,554,411, 11-19-85, Cl. 179-37.000.
- Armstrong, William H. Seat pad with adjustable lumbar support. 4,518,200, 5-21-85, Cl. 297-284.000.
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  - Ashley, John C.; and Calhoun, Bernard, 4,516,298, Cl. 26-3.000.
  - Blevins, Jack F.; and Piersol, Jay L., 4,543,384, Cl. 524-501.000.
  - Blossick, Raymond B.; Bortzfield, Frank M.; Brown, Kenneth E.; Herr, Joseph H.; and Rannels, Gerald L., 4,546,574, Cl. 51-170.00T.
  - Colyer, Timothy D., 4,547,245, Cl. 156-220.000.
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  - Ehrhart, Wendell A.; Lenox, Ronald S.; and Sparks, Moses, Jr., 4,496,674, Cl. 523-500.000.
  - Fornadel, J. Stephen; and Long, Harry F., 4,562,218, Cl. 524-15.000.
  - Forry, John S.; and Garrick, John R., 4,562,510, Cl. 361-212.000.
  - Friesen, Paul F., 4,538,388, Cl. 52-199.000.
  - Kauffman, William J.; and Martin, Pamela H., 4,521,215, Cl. 8-508.000.
  - Kauffman, William J.; and Wright, Ralph W., 4,530,856, Cl. 427-197.000.
  - Lenox, Ronald S.; Schwartz, Anne L.; and Hoyle, Charles E., 4,556,625, Cl. 430-145.000.
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  - Olcott, Robert S., Jr., 4,550,478, Cl. 29-130.000.
  - Ollinger, James C.; and Shaub, Melvin H., 4,554,718, Cl. 29-155.00R.
  - Phan, Xuan T.; and Shannon, Paul J., 4,525,302, Cl. 260-239.30R.
  - Wach, Thaddeus F., 4,548,854, Cl. 428-138.000.
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- Arnal, Claude. High capacity wire brushes. 4,531,252, 7-30-85, Cl. 15-179.000.
- Arnal, Yves; Pelletier, Jacques; and Pomot, Claude, to Centre National de la Recherche Scientifique. Process and device for producing a homogeneous large-volume plasma of high density and of low electronic temperature. 4,534,842, 8-13-85, Cl. 204-192.00E.
- Arnaud, Fabrice R.: *See—*
  - Helderle, Paul M.; Arnaud, Fabrice R.; and Le Nours, Yannick, 4,560,005, Cl. 166-332.000.
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- Arnaudeau, Marcel: *See—*
  - Galais, Michel; Sardain, Christian; Fouin, Jean; Arnaudeau, Marcel; and Morin, Pierre, 4,553,909, Cl. 417-369.000.
- Arndt, Alfred; and Rutty, John G. Step-off device for aircraft voice communication system. 4,494,244, 1-15-85, Cl. 455-78.000.
- Arndt, Alfred: *See—*
  - Rutty, John G.; and Arndt, Alfred, 4,551,854, Cl. 455-78.000.
- Arndt, Charles J.: *See—*
  - Oury, Robert F.; and Arndt, Charles J., 4,531,630, Cl. 198-505.000.
- Arndt, Eric D.: *See—*
  - Horansky, Frank J.; and Arndt, Eric D., 4,541,332, Cl. 100-3.000.
  - LaBarge, Robert L.; Horansky, Frank J.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,510,857, Cl. 100-53.000.
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- Arndt, Frederick P., to General Motors Corporation. Spring and retainer assembly and spring delashed steering shafts. 4,509,775, 4-9-85, Cl. 280-779.000.
- Arndt, Friedrich: *See—*
  - Boroschewski, Gerhard; and Arndt, Friedrich, 4,537,622, Cl. 71-108.000.
  - Kruger, Hans-Rudolf; Arndt, Friedrich; and Rusch, Reinhard, 4,491,466, Cl. 71-90.000.
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  - Skotsch, Carlo; Baumert, Dietrich; Krahmer, Hansjorg; and Arndt, Friedrich, 4,517,367, Cl. 546-276.000.
- Arndt, George, to Wynn Oil Company. Lubricant additive concentrate. 4,557,841, 12-10-85, Cl. 252-32.70E.
- Arndt, Guenter. Games apparatus. 4,522,395, 6-11-85, Cl. 273-30.000.
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  - Heil, Ernst; Wenzel, Franz; Arndt, Peter J.; and Schellhaas, Walter, 4,543,383, Cl. 524-458.000.
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- Arnegger, Richard E. Saw blade with aperture. 4,513,742, 4-30-85, Cl. 128-317.000.
- Arneklev, Duane R.: *See—*
  - Pallos, Ferenc M.; Brokke, Mervin E.; and Arneklev, Duane R., 4,517,012, Cl. 71-94.000.
  - Pallos, Ferenc M.; Brokke, Mervin E.; and Arneklev, Duane R., 4,519,833, Cl. 71-100.000.
- Arnell Inc.: *See—*
  - Rabinowitz, Lewis, 4,535,761, Cl. 128-62.00A.
- Arnesen, Tore: *See—*
  - Arnesen, Tore C.; and Arnesen, Tore, 4,545,887, Cl. 204-280.000.
- Arnesen, Tore C.; and Arnesen, Tore. Electrode for electrostatic water treatment. 4,545,887, 10-8-85, Cl. 204-280.000.
- Arneson, Dennis C.: *See—*
  - Hokanson, D. Eugene; and Arneson, Dennis C., 4,556,067, Cl. 128-663.000.
- Arneson, Howard M. Marine outdrive apparatus. 4,544,362, 10-1-85, Cl. 440-61.000.

- Arneson, Leonard A.: *See—*
  - Pryputsch, Gunter G.; Leila, Lennox M.; Parkinson, Gerald E.; and Arneson, Leonard A., 4,503,760, Cl. 99-447.000.
- Arneson Products, Inc.: *See—*
  - Frentzel, Herman E., 4,526,186, Cl. 134-167.00R.
- Arnett, Jo A.: *See—*
  - Arnett, Joseph; and Arnett, Jo A., 4,545,282, Cl. 84-317.000.
- Arnett, Joseph; and Arnett, Jo A. Chord selector device for stringed musical instruments. 4,545,282, 10-8-85, Cl. 84-317.000.
- Arnett, Robert D., Jr. Flow sensing speed control for pressure fluid motor. 4,557,674, 12-10-85, Cl. 418-15.000.
- Arney, Jonathan S.; and Adair, Paul C., to Mead Corporation, The. Photosensitive imaging material employing encapsulated radiation sensitive composition having improved toe speed. 4,532,200, 7-30-85, Cl. 430-138.000.
- Arney, Jonathan S.; and Wright, Richard F., to Mead Corporation, The. Abrasion development. 4,533,615, 8-6-85, Cl. 430-138.000.
- Arney, Neil E. Baker's rack. 4,509,652, 4-9-85, Cl. 211-126.000.
- Arnheim, Hans-Rudolf; and Warner, Hermann, to General Motors Corporation. Window pane, adjustable in height, particularly for motor vehicles. 4,490,942, 1-1-85, Cl. 49-374.000.
- Arnim, Robert C., II; and Bourne, Gregory D., to Phillips Petroleum Company. Stacked open bottom temporary guide base for offshore drilling. 4,510,985, 4-16-85, Cl. 175-7.000.
- Arnold, Alanson J. Marine keel cooler. 4,557,319, 12-10-85, Cl. 165-44.000.
- Arnold, Anthony F.; and Schmeckenbecher, Arnold F., to International Business Machines Corporation. Process for forming a high density metallurgy system on a substrate and structure thereof. 4,521,449, 6-4-85, Cl. 427-96.000.
- Arnold, Anthony F.; and Schmeckenbecher, Arnold F., to International Business Machines Corporation. Process for forming a high density metallurgy system on a substrate and structure thereof. 4,562,513, 12-31-85, Cl. 361-409.000.
- Arnold, Carroll H., to Wain-Roy, Inc. Backhoe stabilizer system. 4,531,883, 7-30-85, Cl. 414-722.000.
- Arnold, Dan M., to Texaco Inc. Borehole compensated oxygen activation nuclear well logging. 4,501,964, 2-26-85, Cl. 250-270.000.
- Arnold, Dan M., to Halliburton Company. Borehole compensated density logs corrected for naturally occurring gamma rays. 4,529,877, 7-16-85, Cl. 250-256.000.
- Arnold, Dan M.: *See—*
  - Dowling, Donald J.; Richter, Albert P., Jr.; Warren, Wayne F.; and Arnold, Dan M., 4,495,805, Cl. 73-155.000.
  - Smith, Harry D., Jr.; Arnold, Dan M.; and Schultz, Ward E., 4,493,998, Cl. 250-252.100.
- Arnold, Dieter, to Carl Schenck AG. Method and apparatus for controlling the density distribution of bulk material. 4,524,810, 6-25-85, Cl. 141-250.000.
- Arnold, Dieter, to Carl Schenck AG. Method and apparatus for equalizing the density distribution of pressed wood panels. 4,557,882, 12-10-85, Cl. 264-40.400.
- Arnold, Dieter K., to Carl Schenck AG. Pressing apparatus for making particleboard. 4,504,207, 3-12-85, Cl. 425-385.000.
- Arnold, Don C.; and Wilcox, Thomas J., to Indiana Brass, Inc. Single lever faucet assembly. 4,493,343, 1-15-85, Cl. 137-625.170.
- Arnold, Don C., to Beatrice Foods Co. Shower head. 4,497,444, 2-5-85, Cl. 239-587.000.
- Arnold, Edward C., to UOP Inc. Carboxyl anchored immobilized antibodies. 4,560,504, 12-24-85, Cl. 260-112.00B.
- Arnold, Edward P.: *See—*
  - Crain, Stephen F.; Gray, Steven H.; Arnold, Edward P.; and Dodd, Timothy J., 4,538,221, Cl. 364-172.000.
- Arnold, Emil; and Singer, Barry M., to North American Philips Corporation. Method and apparatus for displaying and reading out an image. 4,542,405, 9-17-85, Cl. 358-111.000.
- Arnold, Emil; Baumgart, Helmut; and Rossi, Barbara A., to North American Philips Corporation. Method for producing single crystal layers on insulators. 4,555,300, 11-26-85, Cl. 156-613.000.
- Arnold, Ernst, to Meteor AG. Plug-in arrangement and process for tin plating contacts of a plug-in arrangement. 4,516,103, 5-7-85, Cl. 336-65.000.
- Arnold, Eugene E., to Flow Systems, Inc. Self generating profile generator. 4,540,320, 9-10-85, Cl. 409-232.000.
- Arnold, Fred E.: *See—*
  - Reinhardt, Bruce A.; Arnold, Fred E.; and Unroe, Marilyn R., 4,513,131, Cl. 526-285.000.
  - Reinhardt, Bruce A.; Arnold, Fred E.; and Unroe, Marilyn R., 4,547,592, Cl. 568-33.000.
  - Tsai, Tsu-Tzu; and Arnold, Fred E., 4,544,713, Cl. 525-432.000.
  - Tsai, Tsu-Tzu; and Arnold, Fred E., 4,559,404, Cl. 548-152.000.
  - Wallace, J. Shield; and Arnold, Fred E., 4,540,833, Cl. 568-766.000.
- Arnold, George D. M.: *See—*
  - Carden, John C.; Dimitracopoulos, Panayotis C.; and Arnold, George D. M., 4,526,064, Cl. 74-804.000.
- Arnold, Gerald D., to John Thurley Limited. Direct contact water heater. 4,520,761, 6-4-85, Cl. 122-31.00R.
- Arnold, Gerhard: *See—*
  - Herklotz, Gunter; and Arnold, Gerhard, 4,491,507, Cl. 204-47.000.
- Arnold, Gunther: *See—*
  - Maier, Peter; and Arnold, Gunther, 4,558,649, Cl. 108-159.000.
- Arnold, Herbert: *See—*
  - Schnurle, Hans; Arnold, Herbert; and Horbelt, Michael, 4,502,447, Cl. 123-479.000.
- Arnold, Jacobus J.: *See—*
  - Steinmetz, Anthony; Arnold, Jacobus J.; Verweg, Fransiscus G. C.; and Groeneboer, Hendrik, 4,498,727, Cl. 339-278.00C.
- Arnold, Jeffrey M.: *See—*
  - Allen, Richard M.; Arnold, Jeffrey M.; Field, Joseph J.; and Spraker, Terry E., 4,536,770, Cl. 346-29.000.
- Arnold, Jerry L.: *See—*
  - Boston, Steven L.; Caudill, Forrester; and Arnold, Jerry L., 4,557,953, Cl. 427-432.000.
  - Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., 4,557,952, Cl. 427-432.000.
- Arnold, John E., Jr.: *See—*
  - King, Roger A.; and Arnold, John E., Jr., 4,493,710, Cl. 604-250.000.
- Arnold, Kurt: *See—*
  - Kreitchman, Morton A.; and Arnold, Kurt, 4,561,468, Cl. 137-625.500.
- Arnold, Lionel C., to Teepak, Inc. Method and apparatus for making improved end-closures for shirred tubular casings. 4,536,175, 8-20-85, Cl. 493-308.000.
- Arnold, Mark G.; and Winkel, Mark D. Computer systems to inhibit unauthorized copying, unauthorized usage, and automated cracking of protected software. 4,558,176, 12-10-85, Cl. 178-22.080.
- Arnold, Mary T., to Atlantic Richfield Company. Polyimide and/or polyamide-imide compositions in mixed solvents. 4,495,321, 1-22-85, Cl. 524-104.000.
- Arnold, Mary T.; and Siciliano, George R., to Atlantic Richfield Company. Production of bis(alpha-alkylbenzyl)ethers. 4,528,406, 7-9-85, Cl. 568-659.000.
- Arnold, Nancy L., to Procter & Gamble Company, The. Animal litter composition. 4,494,482, 1-22-85, Cl. 119-1.000.
- Arnold, Raymond M., to Advanced Graphic Technology. Dry transfer decal and method of manufacture. 4,517,044, 5-14-85, Cl. 156-277.000.
- Arnold & Richter Cine Technik GmbH & Co. Betriebs KG: *See—*
  - Blaschek, Otto, 4,515,469, Cl. 355-35.000.
  - Blaschek, Otto, 4,533,090, Cl. 242-75.000.
- Arnold, Rudolf, to Claas Saulgau GmbH. Harvesting attachment for stalk fruits standing in rows. 4,543,774, 10-1-85, Cl. 56-98.000.
- Arnold, Stephen R.: *See—*
  - Brockway, Bert R.; and Arnold, Stephen R., 4,559,955, Cl. 131-198.200.
- Arnold, Todd W.; and Patel, Mansukh M., to Wm. Wrigley Jr. Company. Chewing gum with coating of thaumatin or monellin and method. 4,562,076, 12-31-85, Cl. 426-5.000.
- Arnold, Victor, to Austpole Pty., Ltd. Method of attaching a stub to a pole. 4,492,496, 1-8-85, Cl. 405-303.000.
- Arnold, Werner: *See—*
  - Meisner, Alfred; Arnold, Werner; Eggebrecht, Frank; and Grasser, Hans, 4,557,606, Cl. 368-204.000.
- Arnold, William; and Brouwer, Gerardus J., to Brouwer Turf Equipment Limited. Forklift vehicle. 4,520,903, 6-4-85, Cl. 187-9.00R.
- Arnold, William T., to Brouwer Turf Equipment Limited. Sod cutting machine having split undercutting blade. 4,553,606, 11-19-85, Cl. 172-19.000.
- Arnold, Winfried; Locher, Johannes; and Schelling, Bernd, to Robert Bosch GmbH. Current regulating circuit for an electric consumer. 4,492,913, 1-8-85, Cl. 323-282.000.
- Arnoldi, Wilhelm: *See—*
  - Reinmold, Heinz-Josef; and Arnoldi, Wilhelm, 4,556,834, Cl. 318-569.000.
- Arnoldo Mondadori Editore S.p.A.: *See—*
  - Cantini, Maurizio, 4,523,977, Cl. 162-259.000.
- Arnoldsson, Erik: *See—*
  - Hedlund, Bo P. S.; and Arnoldsson, Erik, 4,505,396, Cl. 212-223.000.
  - Hedlund, Bo P. S.; and Arnoldsson, Erik, 4,506,792, Cl. 212-223.000.
- Arnoldt, Peter J., to Ductmate Industries Inc. Flange type duct joint assembly and seal arrangement therefor. 4,508,376, 4-2-85, Cl. 285-363.000.
- Arnoldt, Peter J., to Ductmate Industries Inc. Duct joint assembly. 4,509,778, 4-9-85, Cl. 285-406.000.
- Arnoldy, Roman. Mandrel machine. 4,493,963, 1-15-85, Cl. 219-76.100.
- Arnon, Ephraim, to Northern Telecom Limited. Decision feedback adaptive equalizer acting on zero states following a non-zero state. 4,545,060, 10-1-85, Cl. 375-14.000.
- Arnould, Jacques; and Tonnel, Eugene, to Thomson-CSF. Semiconductor device with deep grip accessible via the surface and process for manufacturing same. 4,520,552, 6-4-85, Cl. 29-571.000.
- Arnout, Michel: *See—*
  - Legrand, Pierre; and Arnout, Michel, 4,493,969, Cl. 219-130.400.
- Arnoux, Daniel; Haye, Maurice; and Bonneau, Daniel, to Construction D'Appereillage. Shock proof case. 4,557,383, 12-10-85, Cl. 206-521.000.
- Arnsteiner, Anton, to Blizzard Gesellschaft m.b.H. Sandwich type construction multilayer skis. 4,523,772, 6-18-85, Cl. 280-610.000.
- Arntyr, Oscar S.; and Engstrom, Thord I. Method and apparatus for laying drains in frost-susceptible ground, and drains laid in such ground. 4,553,876, 11-19-85, Cl. 405-50.000.
- Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, to Degussa Aktiengesellschaft. Process for preparing acrylic or methacrylic acid. 4,521,618, 6-4-85, Cl. 562-535.000.

Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, to Degussa Aktiengesellschaft. Process for preparing aromatic nitriles. 4,539,409, 9-3-85, Cl. 546-286.000.

Arntz-Optibelt KG: *See—*
  Muller, Alexander, 4,509,936, Cl. 474-148.000.

ARO: *See—*
  Fantou, Jean-Paul, 4,543,552, Cl. 336-60.000.

Aro, Enn; Bogan, Leonard E.; Hamersley, Richard A.; Knapke, Paul H.; and Miller, Robert L., to International Telephone and Telegraph Corporation. Circuit for interfacing a processor to a line circuit. 4,495,614, 1-22-85, Cl. 370-58.000.

Aro, Enn; DeHilster, Robert J.; and Bogan, Leonard E., to International Telephone and Telegraph Corporation. Line switch having distributed processing. 4,504,942, 3-12-85, Cl. 370-58.000.

Arold, Frank G. Turbine power plant. 4,519,744, 5-28-85, Cl. 415-92.000.

Aron, Jerome; and Quirin, Michel, to Belrecolt S.A. Hay harvesting machine. 4,519,194, 5-28-85, Cl. 56-370.000.

Aron, Mitchell, to Allied Corporation. Raster and stroke writing deflection amplifier arrangement. 4,491,835, 1-1-85, Cl. 340-739.000.

Aron, Mitchell; and Feintuch, Martin W., to Allied Corporation. Moving map display using optical tunnel. 4,499,491, 2-12-85, Cl. 358-102.000.

Aron, Mitchell, to Allied Corporation. Optical filter device. 4,515,442, 5-7-85, Cl. 350-397.000.

Arona Delonghi, Adriano G., to Fabrication De Maquinas, S.A. Non-refillable and inviolable bottle-cap. 4,497,415, 2-5-85, Cl. 215-21.000.

Arons, Richard M., to Celanese Corporation. Production of ferrimagnetic spinel fibers. 4,541,973, 9-17-85, Cl. 264-60.000.

Aron., Richard M., to Celanese Corporation. Production of ceramic fibers. 4,559,191, 12-17-85, Cl. 264-60.000.

Aronson, David V. Automatic spring compressing machine. 4,544,002, 10-1-85, Cl. 140-89.000.

Aronson, Michael P.: *See—*
  Kulkarni, Ravi D.; Goddard, E. Desmond; and Aronson, Michael P., 4,514,319, Cl. 252-321.000.

Aronson, Vita: *See—*
  Valayil, Silvester P.; and Aronson, Vita, 4,525,759, Cl. 360-135.000.

Aronsson, Bo. Supporting feeder assembly for material handling machines. 4,534,431, 8-13-85, Cl. 180-9.000.

Arora, Mulk R., to North American Philips Corporation. Two step electrochemical etch process for high volt aluminum anode foil. 4,518,471, 5-21-85, Cl. 204-129.100.

Arora, Mulk R., to North American Philips Corporation. Two step electro chemical and chemical etch process for high volt aluminum anode foil. 4,525,249, 6-25-85, Cl. 204-129.750.

Arpe, Hans-Jurgen; and Litterer, Heinz, to Hoechst Aktiengesellschaft. Process for the manufacture of o-toluidine and/or m-toluidine and/or p-toluidine. 4,554,380, 11-19-85, Cl. 564-424.000.

Arpe, Hans-Jurgen: *See—*
  Schmidt, Hans-Joachim; and Arpe, Hans-Jurgen, 4,501,917, Cl. 560-187.000.

Arpesella, Marco, to Pro. Bio. Spe. s.r.l. Low-profile biological bicuspid valve. 4,561,129, 12-31-85, Cl. 623-2.000.

Arpin, Rene , to Rhone-Poulenc Specialites Chimiques. Water-based lime dispersion paint. 4,530,954, 7-23-85, Cl. 524-387.000.

Arpine, Donald A., to Watson Machine Company, The. Reel support system. 4,506,499, 3-26-85, Cl. 57-127.500.

Arques, Marc, to Thomson-CSF. Matched photonic detector-charge transfer reader assembly and image forming target using such an assembly. 4,554,571, 11-19-85, Cl. 357-24.000.

Arquie , Louis: *See—*
  Thirouard, Michel; and Arquie , Louis, 4,562,350, Cl. 250-239.000.

ARR-Tech Manufacturing, Inc.: *See—*
  Sela, Richard, 4,530,632, Cl. 414-35.000.

Arragon, Jean-Pierre, to U.S. Philips Corporation. Time-locking method for stations which form part of a local loop network, and local loop network for performing this time-locking method. 4,535,449, 8-13-85, Cl. 370-86.000.

Arraudeau, Jean-Pierre: *See—*
  Gueret, Jean-Louis H.; and Arraudeau, Jean-Pierre, 4,545,393, Cl. 132-88.500.

Arrazola, Ignacio M., to McDonnell Douglas Corporation. Transparency for use with a flying spot scanner to generate images. 4,515,450, 5-7-85, Cl. 353-5.000.

Arretz, Emmanuel, to Societe Nationale Elf Aquitaine (Production). Production of 2-mercapto ethanol-1. 4,507,505, 3-26-85, Cl. 568-62.000.

Arrhenius, Gustaf O.; Goldstein, Michael L.; and Moore, Candace X., to American Hospital Supply Corporation. Latent heat storage and supply system and method. 4,503,838, 3-12-85, Cl. 126-263.000.

Arrhythmia Research Technology, Inc.: *See—*
  Sitrick, David H., 4,492,235, Cl. 128-705.000.

Arrington, John P., to Raychem Corporation. Method of transmitting UV light through optical fibers. 4,504,1[illegible] 3-1[illegible]-85, Cl. 350-96.340.

Arriola, Arturo: *See—*
  Cooke, Michael W.; Arriola, Arturo; [illegible]man, Julius M.; and Collins, Kenneth D., 4,495,849, Cl. 89-1[illegible]0.

Arrow Container & Packaging Corp.: *See—*
  Koltun, Harry M., 4,496,054, Cl. 206-586.000.

Arrow Display Company, Inc.: *See—*
  Nemitz, Anthony R., 4,510,353, Cl. 200-5.00A.

Arrow International, Inc.: *See—*
  Frankhouser, Paul L., 4,515,592, Cl. 604-163.000.

Arrow Oil Tools, Inc.: *See—*
  Greenlee, Donald R.; and Kline, Albert E., 4,530,398, Cl. 166-123.000.

Arrow-Profile, Inc.: *See—*
  Neville, Glen F., 4,528,938, Cl. 118-711.000.

Arrowsmith, David R.: *See—*
  Young, Alastair J.; Arrowsmith, David R.; and Parsons, David, 4,561,531, Cl. 192-85.0CA.

Arroyo, Candido J.; Cogelia, Nicholas J.; and Darsey, Ralph J., to AT&T Technologies, Inc.; and AT&T Bell Laboratories. Non-shielded, fire-resistant plenum cable. 4,510,348, 4-9-85, Cl. 174-121.00A.

Arru, Pietro: *See—*
  Cerise, Osvaldo; Arru, Pietro; and Vallana, Franco, 4,495,039, Cl. 204-130.000.

Arruberrenal, Edouard: *See—*
  Houdart, Michel; Arruberrenal, Edouard; and Maurette, Frederic, 4,523,163, Cl. 333-218.000.

Arruti, Cristina: *See—*
  Guedon born Saglier, Isabelle; Barritault, Denis; Courtois, Yves; Arruti, Cristina; and Prunieras, Michel, 4,533,635, Cl. 435-240.000.

Arszman, Jerrold H., to United States of America, Army. Fire and forget missiles system. 4,519,315, 5-28-85, Cl. 102-377.000.

Arszman, Jerrold H.: *See—*
  Lilley, Jay S.; and Arszman, Jerrold H., 4,505,153, Cl. 73-117.400.

Art Metal Manufacturing Co. Ltd.: *See—*
  Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, 4,548,126, Cl. 92-213.000.

Artafax Systems Limited, Inc.: *See—*
  Arens, Robert A., 4,493,174, Cl. 52-243.000.

Artama, Arvi; and Nurmi, Uuno, to Lastro Ky. Continuously rinsed electric dust collector. 4,553,987, 11-19-85, Cl. 55-118.000.

Artcraft Panels, Inc.: *See—*
  Woelfel, John, 4,525,965, Cl. 52-309.170.

Artech Corp.: *See—*
  Rowe, Russell H., Jr.; Lare, Paul J.; and Hahn, Henry, 4,542,539, Cl. 623-16.000.

Artemenko, Anatoly I.: *See—*
  Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A., 4,526,758, Cl. 422-122.000.
  Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.

Arter, William L.; and Williams, Foster R., to Jetline Engineering, Inc. Seam tracker. 4,511,785, 4-16-85, Cl. 219-124.340.

Arther, Hugh M.; Preston, Edward G.; Stewart, David B.; and Wood, Godfrey A., to Molins PLC. Producing filler material, particularly for cigarette filters. 4,528,050, 7-9-85, Cl. 156-62.400.

Arthur D. Little, Inc.: *See—*
  DeCloux, Richard J.; Loeffler, Herbert H.; MacConkey, James S.; and Yonkers, E. Hubbard, 4,496,147, Cl. 272-130.000.
  Lipoff, Stuart J., 4,529,941, Cl. 329-112.000.
  McCullough, John E., 4,512,066, Cl. 29-23.500.
  Santhanam, Chakra J., 4,546,612, Cl. 62-55.000.
  Teagan, William P., 4,539,975, Cl. 126-439.000.

Arthur, Eric R., to A. E. Arthur Limited. Bodyforms. 4,493,445, 1-15-85, Cl. 223-68.000.

Arthur G. Russell Company, Incorporated, The: *See—*
  Ensminger, Robert J., 4,534,696, Cl. 414-751.000.

Arthur, Hugh M., to Molins Limited. Continuous rod manufacture. 4,511,420, 4-16-85, Cl. 156-356.000.

Arthur K. Thatcher Revokable Trust: *See—*
  Thatcher, Arthur K.; and McCarter, Ed R., deceased, 4,520,786, Cl. 123-536.000.

Arthur Pfeiffer Vakuumtechnik Wetzlar GmbH: *See—*
  Bachmann, Erich; Fabel, Ludwig; Fischer, Roland; Peter, Werner; Scheiter, Bernd; and Wenzel, Werner, 4,508,494, Cl. 418-13.000.
  Becker, Willi, 4,502,832, Cl. 415-10.000.
  Becker, Willi, 4,541,772, Cl. 415-90.000.
  Lepper, Eberhard; and Lust, Karl-Heinz, 4,520,296, Cl. 318-254.000.

Arthur Shaw Manufacturing Limited: *See—*
  Douglas, Jack E., 4,500,122, Cl. 292-161.000.

Arthur Smith Industries, Inc.: *See—*
  Konle, Robert L., 4,509,292, Cl. 49-499.000.

Arthur, W. Eugene. Self-erecting roadway marking post. 4,522,530, 6-11-85, Cl. 404-10.000.

Arthurs, Trudy: *See—*
  Swartz, Harold S. R.; and Arthurs, Trudy, 4,546,992, Cl. 280-282.000.

Artigalas, Max, to Thomson-CSF. Method for coding binary data and a device decoding coded data. 4,500,871, 2-19-85, Cl. 340-347.0DD.

Artinano, Antonio T.; Jimenez, Hernan N.; Thalman, Bernal C.; and Vasquez, Marco A. E., to Cibertec S.A. Electrical isolation system. 4,539,480, 9-3-85, Cl. 250-551.000.

Artistic Desk Pad & Novelty Co., Inc.: *See—*
  Mayo, Irving A., 4,534,475, Cl. 211-126.000.

Artos Engineering Company: *See—*
  Dusel, Robert O.; Berres, James J.; and Keene, Harold J., 4,493,233, Cl. 83-71.000.
  Dusel, Robert O.; and Blaha, Gerald E., 4,502,586, Cl. 198-345.000.

  - Dusel, Robert O.; and Blaha, Gerald E., 4,521,946, Cl. 29-33.00M.
  - Dusel, Robert O.; and Blaha, Gerald E., 4,546,526, Cl. 29-33.00M.
  - Randar, Magnus; and Moore, David G., 4,561,155, Cl. 29-33.00M.
  - Stoehr, Herbert M.; and Toben, John J., 4,553,418, Cl. 72-132.000.

- Artronics Corporation: *See—*
  - Santomango, Anthony; and Hatheway, Nicholas N., Jr., 4,542,341, Cl. 324-158.00F.
- Arts et Techniques Nouvelles: *See—*
  - Augros, Jacques, 4,512,487, Cl. 215-274.000.
- Arturo Salice S.p.A.: *See—*
  - Salice, Luciano, 4,502,807, Cl. 403-11.000.
  - Salice, Luciano, 4,509,229, Cl. 16-327.000.
  - Salice, Luciano, 4,553,873, Cl. 403-245.000.
- Artusi, Aldo; and Hagmann, Peter. Apparatus for sealing a film or foil or the like on to a container. 4,510,014, 4-9-85, Cl. 156-522.000.
- Artusi, Aldo, to Medipack AG. Container which is a form of packaging in particular for medicaments and the like and process for its manufacture. 4,535,890, 8-20-85, Cl. 206-530.000.
- Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Philipp, Clemens, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Seal for a continuous steel caster. 4,502,526, 3-5-85, Cl. 164-415.000.
- Artz, Gerd; Figge, Dieter; and Philipp, Clemens, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Continuous casting apparatus with shrinkage compensation. 4,510,990, 4-16-85, Cl. 164-431.000.
- Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Potschke, Jurgen, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Apparatus for casting steel in a continuous casting mold equipped with comoving mold walls. 4,553,582, 11-19-85, Cl. 164-432.000.
- Artz, Gerd: *See—*
  - Figge, Dieter; Siemer, Hans; Artz, Gerd; and Philipp, Clemens, 4,544,018, Cl. 164-481.000.
- Artz, Glen D.; and Flanagan, Joseph E., to Rockwell International Corporation. High yield nitrogen gas generators. 4,525,226, 6-25-85, Cl. 149-35.000.
- Artz, Klaus: *See—*
  - de Sousa, Bernardo; Schmid, Werner; and Artz, Klaus, 4,503,100, Cl. 427-428.000.
- Artzt, Peter; Muller, Heinz; Egbers, Gerhard; and Neher, Heinz, to Schubert & Salzer AG. Process and device for interrupting and starting the spinning process at an open-end spinning position. 4,497,166, 2-5-85, Cl. 57-263.000.
- Artzt, Peter: *See—*
  - Seidel, Adolf; Artzt, Peter; Egbers, Gerhard; Grimm, Helmut; Kunde, Klaus; and Schenek, Anton, 4,546,622, Cl. 66-9.00B.
- Aruga, Tamotsu; Fujii, Tadashi; Murakami, Kakuji; and Akutsu, Eiichi, to Ricoh Company, Ltd. Recording method by use of inks. 4,554,555, 11-19-85, Cl. 346-1.100.
- Arundel, Philip A.; and Horsfall, George B., to Imperial Chemical Industries PLC. Apparatus for determining a discolored skin area on the surface of skin. 4,528,986, 7-16-85, Cl. 128-665.000.
- Arup, Hans, to Aktieselskabet Aalborg Portland-Cement-Fabrik. Articles protected against corrosion and methods for protecting articles against corrosion. 4,515,861, 5-7-85, Cl. 428-450.000.
- Arvai, Ernest P., to Puratrol, Inc. Dynamic, reverse-flow oil purifier device. 4,544,483, 10-1-85, Cl. 210-316.000.
- Arvai, Tibor, to S.A. Fouquet. Tool-maker's lathe. 4,538,488, 9-3-85, Cl. 82-32.000.
- Arvey Corporation: *See—*
  - Gillie, Raymond A., 4,514,961, Cl. 53-449.000.
  - Hirsch, Arthur, 4,514,361, Cl. 422-26.000.
  - Sak, Dennis A.; Mestetsky, Thomas; and Manne, Stanley, 4,509,196, Cl. 383-5.000.
  - Sak, Dennis A.; and Mestetsky, Thomas, 4,510,621, Cl. 383-89.000.
- Arvidsson, Gunnar: *See—*
  - Thylen, Lars; Stensland, Leif; and Arvidsson, Gunnar, 4,511,206, Cl. 350-96.110.
- Arvin Industries, Inc.: *See—*
  - Brighton, John C., 4,504,294, Cl. 55-502.000.
  - Otterbein, Roy T., 4,544,513, Cl. 261-153.000.
  - Thayer, Timothy Z.; and Shaw, Frank W., 4,501,118, Cl. 60-301.000.
  - Thayer, Timothy Z.; and Shaw, Frank W., 4,536,371, Cl. 422-171.000.
- Arway, George; Eremity, Frank; Dick, George; and Pullen, Elaine, to Videojet Systems International, Inc. Ink drop velocity control system. 4,555,712, 11-26-85, Cl. 346-75.000.
- Arway, George; Eremity, Frank; and Huang, Tung M., to Videojet Systems International, Inc. Ink valve for marking systems. 4,555,719, 11-26-85, Cl. 346-140.00R.
- Arwidsson, Sven A.: *See—*
  - Carlen, Bo R. J.; and Arwidsson, Sven A., 4,502,385, Cl. 101-218.000.
- Arwin, Hans R.: *See—*
  - Lundstrom, Kurt I.; Arwin, Hans R.; Rieke, Erwin; Sielaff, Gunter; and Hennrich, Norbert, 4,521,522, Cl. 436-525.000.
- Arya, Satya P., to Ingersoll-Rand Company. Offset driver accessory. 4,530,409, 7-23-85, Cl. 173-131.000.
- Arzberger, William A.: *See—*
  - Brown, Merle S.; and Arzberger, William A., 4,537,332, Cl. 222-190.000.
- Arzouman, Harry H., to Safe-T-Jack, Inc. Extendible jack stand adapted for remote control. 4,553,727, 11-19-85, Cl. 248-354.700.
- Arzouman, Harry H., to Safe-T-Jack, Inc. Mobile power unit for a jacking system. 4,558,846, 12-17-85, Cl. 254-8.00B.
- Arzoumanidis, Gregory G.; and Lee, Sam S., to Amoco Corporation. Magnesium hydrocarbyl carbonate supports. 4,540,679, 9-10-85, Cl. 502-111.000.
- Arzounian, Raymond. Exercise machine. 4,519,604, 5-28-85, Cl. 272-73.000.
- ASA S.A.: *See—*
  - Faure, Jean-Louis, 4,492,075, Cl. 57-5.000.
  - Matas Gabalda, Carlos, 4,549,393, Cl. 57-58.360.
- Asaba, Takao, to Yamaha Hatsudoki Kabushiki Kaisha. Engine with supercharger. 4,512,152, 4-23-85, Cl. 60-601.000.
- Asada, Hiroshi; Kobayashi, Kohei; and Iwama, Toshiro, to Nichikeri Chemical Industry Co. Ltd. Sludge treating method. 4,559,143, 12-17-85, Cl. 210-714.000.
- Asada, Hiroshige: *See—*
  - Nojiri, Tadao; Asada, Hiroshige; and Teraura, Nobuyuki, 4,530,110, Cl. 381-43.000.
- Asada, Kazuhiko: *See—*
  - Yamada, Kaneo; Okamoto, Shigemi; and Asada, Kazuhiko, 4,544,514, Cl. 261-153.000.
- Asada, Masahiro: *See—*
  - Iwakiri, Hiroshi; Asada, Masahiro, and Yonezawa, Kazuya, 4,552,947, Cl. 528-126.000.
- Asada, Masao: *See—*
  - Taya, Akira; Narita, Kazuo; Asada, Masao; and Kimura, Yoshio, 4,500,443, Cl. 252-301.40P.
  - Taya, Akira; Narita, Kazuo; Akiyama, Jun-etsu; Asada, Masao; and Nira, Hisami, 4,527,087, Cl. 313-487.000.
- Asada, Shinji: *See—*
  - Hatakenaka, Toshiki; Akiyama, Tetsuo; Asada, Shinji; and Shinohara, Kunio, 4,561,800, Cl. 404-79.000.
- Asada, Shuji; and Nanbu, Tadamasa, to Matsushita Electric Industrial Co., Ltd. Electric iron with cord reel device. 4,517,757, 5-21-85, Cl. 38-88.000.
- Asada, Takafumi; Onishi, Toshio; Senma, Kajuyoshi; and Matsumoto, Hideo, to Matsushita Electric Industrial Co., Ltd. Dynamic pressure type fluid bearing device. 4,557,610, 12-10-85, Cl. 384-107.000.
- Asada, Toshihiko: *See—*
  - Ochi, Akira; and Asada, Toshihiko, 4,540,063, Cl. 181-135.000.
- Asada, Yoshihiro: *See—*
  - Yamamoto, Ryoichi; Matsuo, Yoshihiro; Mikoda, Masanari; and Asada, Yoshihiro, 4,529,638, Cl. 428-69.000.
- Asada, Yoshihisa: *See—*
  - Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, 4,520,230, Cl. 174-107.000.
- Asagi, Kousaku: *See—*
  - Abe, Yasuaki; Hayashi, Mikio; Asagi, Kousaku; Morii, Akira; and Fujimura, Kazutoshi, 4,495,017, Cl. 156-181.000.
- Asahara, Eiko: *See—*
  - Watanabe, Keiichiro; Yamada, Tomiaki; Sazanami, Tsuneo; and Asahara, Eiko, 4,562,154, Cl. 435-162.000.
- Asahara, Sunao: *See—*
  - Kozai, Yoshinori; Amemiya, Yoichi; and Asahara, Sunao, 4,536,649, Cl. 250-231.0SE.
- Asahara, Yoshiyuki: *See—*
  - Ohmi, Shigeaki; Shingaki, Seiichi; Sakai, Hiroyuki; and Asahara, Yoshiyuki, 4,525,189, Cl. 65-3.150.
- Asahi/America Inc.: *See—*
  - van Lingen, H. Peter, 4,556,194, Cl. 251-129.120.
- Asahi Denka Kogyo K.K.: *See—*
  - Kojo, Hidehiko; and Akimoto, Koji, 4,530,947, Cl. 523-450.000.
  - Kojo, Hidehiko; and Akimoto, Koji, 4,535,103, Cl. 523-450.000.
  - Kojo, Hidehiko; Akimoto, Koji; and Urihara, Kazuhiro, 4,560,732, Cl. 525-481.000.
- Asahi-Dow Limited: *See—*
  - Kasahara, Hideo; Suzuki, Hiroshi; and Umeda, Noriaki, 4,543,392, Cl. 525-90.000.
  - Kuribayashi, Isao; and Fukuda, Kunio, 4,543,391, Cl. 525-68.000.
  - Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, 4,499,241, Cl. 525-211.000.
  - Yoshimura, Isao; Mizukami, Osamu; Hata, Hideo; Kageyama, Junichi; and Kaneko, Takashi, 4,501,634, Cl. 156-244.240.
  - Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, 4,537,935, Cl. 525-222.000.
  - Yoshino, Akira; and Iwami, Isamu, 4,520,072, Cl. 428-403.000.
- Asahi Giken Kogyo Kabushiki Kaisha: *See—*
  - Minamida, Ataru, 4,544,818, Cl. 219-10.49R.
- Asahi Glass Company Ltd.: *See—*
  - Asawa, Tat[illegible]; Ishii, Tsuneji; and Gunjima, Tomoki, 4,528,058, Cl. 156-306.600.
  - Asawa, Tatsuro; Sajima, Yasuo; and Iwamoto, Junjiro, 4,537,673, Cl. 204-253.000.
  - Baba, Morimitsu, 4,513,893, Cl. 222-281.000.
  - Gunjima, Tomoki; and Takei, Ryutaro, 4,514,044, Cl. 350-350.00R.
  - Higaki, Hiromichi; and Miyazaki, Nobuyuki, 4,503,097, Cl. 427-386.000.
  - Ishii, Tsuneji; Ito, Hiroaki; and Ishikawa, Takamichi, 4,496,451, Cl. 204-252.000.
  - Kambara, Toru; Uemura, Michihiko; and Iwanaga, Takeya, 4,516,090, Cl. 333-141.000.
  - Matsuo, Masashi; Itoh, Katsuji; Hayashi, Takao; and Oda, Yoshio, 4,504,401, Cl. 252-8.750.
  - Morozumi, Mitsuharu; Ito, Yasumichi; Hiramatsu, Takeshi; and Asai, Minoru, 4,530,970, Cl. 525-193.000.
  - Nakaya, Keiichi; and Sato, Kunio, 4,521,397, Cl. 423-474.000.

Narisawa, Shigeyuki; Funaki, Masahiko; Kojima, Hiroaki; and Kuga, Kazuhiko, 4,525,491, Cl. 521-174.000.
Nishigaki, Haruo; Watanabe, Koji; Fukui, Shiroh; and Kanematsu, Kiyoshi, 4,556,511, Cl. 252-573.000.
Nomaki, Koji; Mase, Hiroshi; Sato, Yasuo; and Iga, Motoichi, 4,548,636, Cl. 65-99.200.
Oda, Yoshio; Morimoto, Takeshi; and Matsubara, Toshiya, 4,518,470, Cl. 204-98.000.
Oda, Yoshio; Morimoto, Takeshi; and Suzuki, Kohji, 4,533,453, Cl. 204-252.000.
Oda, Yoshio; Otouma, Hiroshi; and Endoh, Eiji, 4,536,259, Cl. 204-35.100.
Oda, Yoshio; and Morimoto, Takeshi, 4,551,220, Cl. 204-294.000.
Suhara, Manabu; Sajima, Yasuo; Ito, Hiroaki; and Arai, Kiyotaka, 4,561,946, Cl. 204-98.000.
Suzuki, Kaichiro; Nakaya, Keiichi; Gotoh, Tomohiro; Kitasako, Masayuki; and Iwasaki, Masaharu, 4,491,571, Cl. 423-485.000.
Takahashi, Kunio; Oda, Noriyuki; Kido, Nobuyuki; and Muramatsu, Keizi, 4,540,184, Cl. 277-12.000.
Ukihashi, Hiroshi; Asawa, Tatsuro; Yamabe, Masaaki; and Miyake, Haruhisa, 4,508,603, Cl. 204-98.000.
Yamabe, Masaaki; and Munekata, Seiji, 4,495,364, Cl. 560-180.000.
Yoshida, Shohei; and Vogl, Otto, 4,508,882, Cl. 526-259.000.

Asahi Kakoshi Co., Ltd.: *See—*
Nakagawa, Yasuyuki, 4,545,839, Cl. 156-244.110.
Nakagawa, Yasuyuki, 4,550,048, Cl. 428-138.000.

Asahi Kasei Kogyo Kabushiki Kaisha: *See—*
Ai, Hideo; Ikeda, Akihiko; and Matsuoka, Yoshio, 4,528,332, Cl. 525-332.200.
Aoshima, Atsushi; Suzuki, Yoshio; and Nakamura, Mikihiko, 4,518,462, Cl. 203-39.000.
Aoshima, Atsushi; Suzuki, Yoshio; Yamamatsu, Setsuo; and Yamaguchi, Tatsuo, 4,518,796, Cl. 560-208.000.
Chono, Masazumi; and Ishida, Hiroshi, 4,537,757, Cl. 423-328.000.
Fujiwara, Takashi; and Ishitobi, Tamio, 4,560,743, Cl. 528-348.000.
Fukawa, Isaburo; and Sato, Kazutoshi, 4,525,546, Cl. 526-68.000.
Fukuoka, Shinsuke; Chono, Masazumi; Watanabe, Tomonari; and Kohno, Masashi, 4,547,322, Cl. 260-453.00P.
Fukuoka, Shinsuke; and Watanabe, Tomonari, 4,552,974, Cl. 560-25.000.
Hasegawa, Akio; and Kojima, Hiroshige, 4,550,080, Cl. 435-212.000.
Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, 4,523,000, Cl. 526-336.000.
Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, 4,559,389, Cl. 525-250.000.
Hattori, Yasuo; Morita, Hideo; and Inoki, Yoshihiro, 4,547,560, Cl. 526-340.000.
Hattori, Yoshihiro; Watanabe, Takashi; and Maeda, Kunio, 4,521,488, Cl. 428-409.000.
Hayashi, Hiroshi; and Kuwashima, Junji, 4,529,594, Cl. 514-12.000.
Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide, 4,510,307, Cl. 544-283.000.
Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, 4,525,589, Cl. 544-128.000.
Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, 4,560,755, Cl. 544-363.000.
Hirai, Hidefumi; and Komiyama, Makoto, 4,523,031, Cl. 562-475.000.
Hirai, Hidefumi; and Komiyama, Makoto, 4,523,037, Cl. 568-442.000.
Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, 4,533,731, Cl. 544-140.000.
Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, 4,549,023, Cl. 546-199.000.
Ikami, Hideo, 4,495,118, Cl. 264-25.000.
Inoue, Tadashi; and Tanaka, Tetsuro, 4,549,947, Cl. 204-182.400.
Kabashima, Kazuo; and Tanaka, Kyugo, 4,521,793, Cl. 346-201.000.
Kasatani, Hideo; and Fujiwara, Takashi, 4,529,565, Cl. 264-176.00R.
Kataoka, Hiroshi, 4,550,057, Cl. 428-215.000.
Katsumata, Tsutomu; and Yokota, Masahisa, 4,517,389, Cl. 568-804.000.
Katsumata, Tsutomu; and Dozono, Tetsuro, 4,541,964, Cl. 260-465.300.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,510,328, Cl. 568-32.000.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,511,518, Cl. 260-543.00F.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,536,352, Cl. 260-543.00F.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,555,369, Cl. 260-544.00F.
Kishimoto, Yasushi; and Morita, Hideo, 4,501,857, Cl. 525-338.000.
Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.
Konno, Junichi; Ueda, Yukihiro; Niitsuma, Hiroaki; and Chubachi, Noriyoshi, 4,501,149, Cl. 73-587.000.
Kuboyama, Keiji; Matsui, Takeki; and Kimura, Takeo, 4,539,178, Cl. 420-555.000.
Kuriki, Tomio; and Manabe, Seiichi, 4,508,674, Cl. 264-234.000.
Matsuzaki, Kazuhiko; and Hamada, Minoru, 4,535,127, Cl. 525-154.000.
Mitsui, Osamu; and Fukuoka, Yohei, 4,528,409, Cl. 568-835.000.
Mitsumori, Masaru, 4,511,364, Cl. 44-51.000.
Miyake, Masaaki; and Fukumori, Kunihiko, 4,548,628, Cl. 55-487.000.
Mori, Kyoichiro; and Hirano, Hiroyuki, 4,521,568, Cl. 525-309.000.
Mori, Toshihito; Yoshizaki, Hideo; and Hasegawa, Akio, 4,505,893, Cl. 424-94.000.
Moriguchi, Kisoo; and Ikegami, Tadashi, 4,536,550, Cl. 525-240.000.
Morimoto, Isao; Nakao, Masafumi; and Mori, Koichi, 4,531,183, Cl. 346-135.100.
Murakami, Akira; and Yoshizaki, Hideo, 4,552,760, Cl. 424-94.000.
Mutoh, Yoshihiko; Matsuda, Kazuo; Ohshima, Masashi; and Ohuchi, Hiroo, 4,545,940, Cl. 260-428.000.
Naito, Takeshi; Masamoto, Junzo; Iwaisako, Toshiyuki; and Matsuzaki, Kazuhiko, 4,493,752, Cl. 203-71.000.
Nakamura, Katuyuki; and Neki, Kazuya, 4,524,191, Cl. 525-425.000.
Ohashi, Hiroyuki; Miyamoto, Shoichi; and Kurihara, Shigeru, 4,530,826, Cl. 423-376.000.
Ohshima, Shohzo; Kusuda, Mikio; and Isoya, Toshiro, 4,510,034, Cl. 204-290.00F.
Onitsuka, Hatsuki; Saito, Shin; and Fukuda, Hideo, 4,557,830, Cl. 210-198.200.
Sakata, Norihiko; and Miura, Nobuo, 4,550,003, Cl. 264-53.000.
Sakurai, Hisaya; Ikegami, Tadashi; Miya, Masayoshi; and Takaya, Katsuhiko, 4,526,941, Cl. 526-127.000.
Shibukawa, Mitsuru; Shibuya, Chisei; and Ishii, Kunihiko, 4,556,651, Cl. 514-191.000.
Shimizu, Kunio; Kame, Yuichi; and Tsuji, Yoshimasa, 4,506,953, Cl. 350-276.00R.
Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, 4,530,966, Cl. 525-89.000.
Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, 4,530,967, Cl. 525-89.000.
Takasa, Kenji; and Nakamura, Masakatsu, 4,525,396, Cl. 428-35.000.
Takeda, Kunihiko, 4,533,678, Cl. 521-389.000.
Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.
Tanji, Hiroshi; Iwata, Michitaka; and Sato, Hideo, 4,496,505, Cl. 264-101.000.
Tanji, Hiroshi; Iwata, Michitaka; and Sato, Hideo, 4,542,063, Cl. 428-364.000.
Tsuda, Nobuaki; Kominami, Naoya; Inagaki, Kenji; and Imamiya, Tamotsu, 4,518,497, Cl. 210-259.000.
Ukai, Norio; and Tomizuka, Katsushige, 4,539,805, Cl. 57-290.000.
Yamashita, Izumi; and Toyama, Kunio, 4,558,119, Cl. 528-215.000.
Yamataka, Kazunori; and Isoya, Toshiro, 4,525,251, Cl. 204-79.000.
Yanagihara, Yuzo, 4,543,363, Cl. 521-38.000.
Yokogi, Masanobu; Sugimoto, Yoshifumi; and Ono, Yotsuo, 4,535,028, Cl. 428-398.000.
Yoshida, Mitsuo; and Shiroki, Hiroyuki, 4,496,453, Cl. 204-290.00R.
Yoshida, Mitsuo; Matsucka, Hiroyoshi; and Munekuni, Hajime, 4,526,663, Cl. 204-98.000.
Yoshida, Muneo; and Tamura, Yoshitomo, 4,557,816, Cl. 204-255.000.
Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, 4,542,886, Cl. 264-22.000.

Asahi Kasei Textiles Ltd.: *See—*
Miyake, Masao; and Akita, Teruo, 4,510,194, Cl. 428-212.000.
Miyake, Masao; and Akita, Teruo, 4,562,108, Cl. 428-212.000.

Asahi Kogaku Kogyo Kabushiki Kaisha: *See—*
Aoki, Harumi; Morisawa, Tahei; Suzuki, Koji; and Ogawa, Kimiaki, 4,553,170, Cl. 358-225.000.
Aoki, Harumi; Enomoto, Shigeo; Morisawa, Tahei; and Urano, Fumio, 4,558,368, Cl. 358-228.000.
Doi, Yuzuru; Hara, Masato; and Yoshihama, Hideo, 4,543,477, Cl. 250-227.000.
Fukui, Tsutomu, 4,555,734, Cl. 358-314.000.
Fukui, Tsutomu; and Shirai, Tomoyuki, 4,561,013, Cl. 358-22.000.
Hama, Yoshihiro, 4,506,959, Cl. 350-430.000.
Hama, Yoshihiro, 4,518,238, Cl. 354-270.000.
Haraguchi, Keisuke; and Kando, Toru, 4,544,251, Cl. 354-288.000.
Hidaka, Tsuneo; Inoue, Masahide; and Ogiso, Makoto, 4,511,336, Cl. 433-173.000.
Hirobe, Hitoshi, 4,535,364, Cl. 358-228.000.
Hoshika, Shuji, 4,518,859, Cl. 250-231.0SE.
Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-211.000.
Ito, Tokuhisa; Ohno, Hideaki; Kurata, Izumi; and Okuyama, Takashi, 4,512,642, Cl. 354-4.000.
Iwanade, Hisao, 4,557,593, Cl. 355-57.000.
Kando, Toru; and Haraguchi, Keisuke, 4,522,478, Cl. 354-288.000.
Kawasaki, Masahiro; Aoki, Harumi; and Suzuki, Koji, 4,544,848, Cl. 250-578.000.
Kitazawa, Toshiyuki; Morisawa, Tahei; and Takahashi, Norimichi, 4,560,264, Cl. 354-219.000.
Kobayashi, Takeo, 4,518,243, Cl. 354-418.000.
Komoto, Shinsuke, 4,511,221, Cl. 350-423.000.
Kuroki, Yoshifumi, 4,500,190, Cl. 354-416.000.
Kuroki, Yoshifumi, 4,502,775, Cl. 354-416.000.
Machida, Takeshi, 4,496,243, Cl. 356-244.000.
Morisawa, Tahei, 4,547,052, Cl. 354-152.000.
Morizumi, Masaaki; Kando, Toru; and Haraguchi, Keisuke, 4,500,184, Cl. 354-149.110.

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Negishi, Kiyoshi; Kawasaki, Masahiro; and Tano, Eiichi, 4,514,075, Cl. 354-446.000.
Negoro, Ikuo, 4,555,165, Cl. 350-429.000.
Negoro, Ikuo, 4,557,594, Cl. 355-58.000.
Niiho, Masaaki; and Itagaki, Takuo, 4,523,108, Cl. 307-353.000.
Nishio, Etsuro; and Okura, Zenichi, 4,505,564, Cl. 354-270.000.
Ogawa, Kimiaki, 4,551,764, Cl. 358-228.000.
Ogawa, Ryota; and Negoro, Ikuo, 4,498,759, Cl. 355-8.000.
Ogawa, Ryota, 4,508,434, Cl. 350-454.000.
Ohkura, Zenichi; and Kohmoto, Shinsuke, 4,560,237, Cl. 350-255.000.
Okudaira, Sadao, 4,491,395, Cl. 350-427.000.
Okudaira, Sadao, 4,523,814, Cl. 350-427.000.
Okudaira, Sadao, 4,556,295, Cl. 350-454.000.
Sato, Shigetada, 4,545,654, Cl. 350-454.000.
Shono, Tetsuji, 4,536,070, Cl. 354-402.000.
Sugawara, Saburo, 4,527,881, Cl. 354-432.000.
Sugawara, Saburo, 4,534,636, Cl. 354-403.000.
Sugiyama, Takahiro, 4,556,296, Cl. 350-475.000.
Suzuki, Takeomi, 4,491,402, Cl. 354-406.000.
Suzuki, Takeomi, 4,531,054, Cl. 250-201.000.
Suzuki, Takeomi; Ishibashi, Kenzo; and Hashimoto, Isamu, 4,547,676, Cl. 250-578.000.
Tabata, Yasushi; Ogawa, Kimiaki; and Takahashi, Toshimitsu, 4,534,634, Cl. 354-268.000.
Takami, Satoshi; and Kuroki, Yoshifumi, 4,521,094, Cl. 354-423.000.
Takaoka, Yukio; Morizumi, Masaaki; and Takahashi, Norimichi, 4,525,046, Cl. 354-149.110.
Tano, Eiichi; Kobayashi, Takeo; and Negishi, Kiyoshi, 4,557,575, Cl. 354-289.100.
Tano, Eiichi; Kobayashi, Takeo; and Negishi, Kiyoshi, 4,558,940, Cl. 354-455.000.
Tomori, Yasumasa, 4,518,239, Cl. 354-286.000.
Tomori, Yasumasa, 4,523,815, Cl. 350-430.000.
Urata, Shinji; Aoyagi, Shigehiko; and Yamazaki, Kazuhiro, 4,556,907, Cl. 358-210.000.
Urata, Shinji; Hirobe, Hitoshi; and Iketani, Kohei, 4,558,367, Cl. 358-227.000.
Wakamiya, Shunichiro, 4,553,229, Cl. 369-110.000.
Wakui, Yoshio; Negishi, Kiyoshi; and Tano, Eiichi, 4,555,170, Cl. 354-470.000.
Yamamoto, Masato, 4,529,282, Cl. 354-173.100.

Asahi Kogyo Kabushiki Kaisha: *See—*
Minamida, Ataru, 4,533,807, Cl. 219-10.49R.

Asahi-matsu Foods Inc.: *See—*
Kudo, Shiro; and Mukaiyama, Megumi, 4,504,514, Cl. 426-634.000.
Kudo, Shiro; and Hayashi, Mitsuyoshi, 4,511,588, Cl. 426-302.000.
Kudo, Shiro; and Akaba, Kunihisa, 4,557,936, Cl. 426-104.000.

Asahi Medical Co., Ltd.: *See—*
Yokogi, Masanobu; Sugimoto, Yoshifumi; and Ono, Yotsuo, 4,535,028, Cl. 428-398.000.

Asahi, Naotatsu: *See—*
Sunano, Naomasa; Asahi, Naotatsu; and Yoshida, Toshio, 4,507,643, Cl. 338-34.000.

Asahi Optical Co., Ltd.: *See—*
Tachihara, Satoru, 4,550,987, Cl. 350-454.000.

Asahi, Sadaho, to Yoshida Kogyo K.K. Slide fastener assembly for case or folder. 4,510,655, 4-16-85, Cl. 24-382.000.

Asahi Seimitsu Kabushiki Kaisha: *See—*
Arai, Masayuki; Ogasawara, Terumi; and Shikano, Tohru, 4,542,410, Cl. 358-228.000.
Arai, Masayuki; Ogasawara, Terumi; and Shikano, Tohru, 4,547,808, Cl. 358-228.000.
Koenuma, Masao, 4,492,031, Cl. 33-1.0PT.
Ogasawara, Terumi; Arai, Masayuki; and Shikano, Tohru, 4,562,477, Cl. 358-228.000.
Shikano, Tohru; Ogasawara, Terumi; and Arai, Masayuki, 4,562,476, Cl. 358-228.000.

Asahi Wire Nets & Steel Ltd.: *See—*
Nakayama, Kiyoshi, 4,558,851, Cl. 256-24.000.

Asahi, Yoshio: *See—*
Maki, Takao; Masuyama, Tetsuo; and Asahi, Yoshio, 4,556,751, Cl. 585-481.000.

Asahi Yukizai Kogyo Co., Ltd.: *See—*
Kai, Isao; Ichikawa, Sumiaki; and Mihara, Yozo, 4,532,271, Cl. 523-208.000.
Kawanami, Isao, 4,540,157, Cl. 251-315.000.
Sano, Nichiro; and Tsuno, Kazuhiko, 4,545,565, Cl. 251-331.000.
Ueda, Tomoyuki, 4,516,597, Cl. 137-314.000.

Asahina, Miyoshi; Kitagawa, Keishi; and Fuchizawa, Testuro, to Fuji Photo Film Co., Ltd. Photographic material. 4,547,445, 10-15-85, Cl. 430-22.000.

Asai, Hajime: *See—*
Kishida, Kazuo; Sasaki, Isao; Mukai, Nobuhiro; and Asai, Hajime, 4,510,024, Cl. 204-59.00R.

Asai, Hiromitsu: *See—*
Sugi, Hiromi; Furumura, Kyozaburo; and Asai, Hiromitsu, 4,491,373, Cl. 308-5.00R.

Asai, Isao: *See—*
Muramatsu, Shigeru; Asai, Isao; and Morita, Takayuki, 4,534,517, Cl. 242-35.50A.
Suzuki, Osamu; Morita, Takayuki; Muramatsu, Shigeru; and Asai, Isao, 4,541,577, Cl. 242-35.50A.

Asai, Kiyotsugu: *See—*
Kamiyama, Masayuki; Saito, Takashi; and Asai, Kiyotsugu, 4,552,944, Cl. 528-55.000.

Asai, Kohtaro: *See—*
Murakami, Tokumichi; and Asai, Kohtaro, 4,560,977, Cl. 340-347.0AD.

Asai, Koichi; Oe, Kunio; and Tuda, Mamoru, to Fuji Machine Mfg. Co., Ltd. Method for automatically mounting non-lead electronic components on printed-circuit boards. 4,503,607, 3-12-85, Cl. 29-832.000.

Asai, Koichi; Tsuda, Mamoru; Oe, Kunio; and Muto, Yasuo, to Fuji Machine Mfg. Co., Ltd. Method and apparatus for holding and centering electronic component. 4,515,507, 5-7-85, Cl. 414-226.000.

Asai, Koji: *See—*
Shimazaki, Fumio; Asai, Koji; and Ohno, Jiro, 4,555,113, Cl. 273-80.00B.

Asai, Makoto: *See—*
Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, 4,529,552, Cl. 556-40.000.

Asai, Mamoru; Mitani, Tsuneyoshi; and Ookawa, Hiroyuki, to Musashi Engineering Kabushiki Kaisha. Apparatus for selecting the precise number within a batch of paper sheets. 4,514,856, 4-30-85, Cl. 377-8.000.

Asai, Minoru: *See—*
Morozumi, Mitsuharu; Ito, Yasumichi; Hiramatsu, Takeshi; and Asai, Minoru, 4,530,970, Cl. 525-193.000.

Asai, Mitsuko: *See—*
Harada, Setsuo; Tsubotani, Shigetoshi; and Asai, Mitsuko, 4,497,742, Cl. 260-245.20T.
Imada, Akira; Harada, Setsuo; and Asai, Mitsuko, 4,518,529, Cl. 260-245.20T.
Kanamaru, Tsuneo; Shinagawa, Susumu; and Asai, Mitsuko, 4,521,432, Cl. 514-556.000.

Asai, Osamu: *See—*
Maeda, Kunihiro; Usami, Katsuhisa; Takeda, Yukio; Ogihara, Satoru; and Asai, Osamu, 4,561,891, Cl. 75-238.000.

Asai, Ryuichi; Okamato, Takeshi; and Minagawa, Shoichi, to Clarion Co., Ltd. Rayleigh surface-acoustic-wave device using ZnO(0001)-/SiO_2/Si(111) [112]. 4,562,371, 12-31-85, Cl. 310-313.00A.

Asai, Shin-ichiro: *See—*
Nishikawa, Hiroshi; Saruta, Ueki; and Asai, Shin-ichiro, 4,529,755, Cl. 523-436.000.

Asai, Shinichiro; Katoh, Kazuo; and Nakano, Tatsuo, to Denki Kagaku Kogyo Kabushiki Kaisha. Hybrid integrated circuit and preparation thereof. 4,521,476, 6-4-85, Cl. 428-209.000.

Asai, Tadamichi: *See—*
Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.

Asai, Takamitsu; Kitamoto, Tatsuji; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Method for preparing a magnetic recording medium. 4,547,393, 10-15-85, Cl. 427-48.000.

Asai, Takamitsu: *See—*
Fujiyama, Masaaki; Asai, Takamitsu; and Miura, Toshihiko, 4,552,808, Cl. 428-328.000.

Asai, Yoshiharu: *See—*
Minamida, Kazukiyo; and Asai, Yoshiharu, 4,519,042, Cl. 364-567.000.
Minamida, Kazukiyo; and Asai, Yoshiharu, 4,533,006, Cl. 177-25.000.

Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, to Brother Kogyo Kabushiki Kaisha. Electronic sewing machine. 4,495,878, 1-29-85, Cl. 112-158.00B.

Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, to Brother Kogyo Kabushiki Kaisha. Electronic sewing machine. 4,502,401, 3-5-85, Cl. 112-158.00B.

Asaida, Takashi, to Sony Corporation. Color video signal processing apparatus. 4,520,386, 5-28-85, Cl. 358-13.000.

Asaida, Takashi: *See—*
Iwase, Seiichiro; Asaida, Takashi; and Nagumo, Fumio, 4,547,796, Cl. 358-13.000.
Miyata, Katsuro; Asaida, Takashi; and Nagumo, Fumio, 4,516,172, Cl. 358-228.000.
Nagumo, Fumio; and Asaida, Takashi, 4,527,191, Cl. 358-30.000.

Asaka, Kazuo, to Hitachi Powdered Metals Co. Ltd. Process for making composite mechanical parts by sintering. 4,503,009, 3-5-85, Cl. 419-6.000.

Asaka, Kazuo; and Koyama, Takashi, to Hitachi Powdered Metals Co. Ltd. Process for making sintered composite mechanical parts. 4,539,197, 9-3-85, Cl. 419-6.000.

Asaka, Urataro; Kanai, Shigeo; Tanaka, Yasuhiro; and Iwamoto, Kazuya, to Honda Giken Kogyo Kabushiki Kaisha; and Kabushiki Kaisha Honda Rokku. Air pump apparatus. 4,551,074, 11-5-85, Cl. 417-366.000.

Asakawa, Chosei: *See—*
Yoshida, Shigeru; Shiraishi, Norihisa; Asakawa, Chosei; and Sakaguchi, Morohira, 4,544,142, Cl. 266-252.000.

Asakawa, Hiroshi: *See—*
Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.

Asakawa, Kazuo, to Mitsubishi Gas Chemical Company, Inc. Process for preparation of methanol. 4,507,403, 3-26-85, Cl. 518-713.000.

Asakawa, Kenichi: *See—*
Iwamoto, Yoshinao; Shirasaki, Yuichi; Fujise, Masayuki; and Asakawa, Kenichi, 4,544,233, Cl. 350-96.200.

Izawa, Toshio; Iwamoto, Yoshinao; Shirasaki, Yuichi; and Asakawa, Kenichi, 4,492,492, Cl. 405-160.000.

Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Suzuki, Shizuo; Sirasaki, Yuichi; and Asakawa, Kenichi, 4,540,942, Cl. 324-326.000.

Asakawa, Motoo: *See—*

Sudoh, Chuzoh; Hagita, Hyoji; Asakawa, Motoo; Nagai, Hiroshi; and Aihara, Kenji, 4,545,227, Cl. 72-12.000.

Asakawa, Shiroh: *See—*

Itoh, Yoshimasa; and Asakawa, Shiroh, 4,537,606, Cl. 55-158.000.

Asakawa, Shirow: *See—*

Shimizu, Shoji; Asakawa, Shirow; Saito, Yukihiro; and Ito, Yoshimasa, 4,553,988, Cl. 55-158.000.

Asakawa, Teruo, to Telmec Co., Ltd. Two-dimensional precise positioning device for use in a semiconductor manufacturing apparatus. 4,535,278, 8-13-85, Cl. 318-687.000.

Asakawa, Teruo, to Telmec Co., Ltd. Two dimensional driving device for use in a positioning device in a semiconductor manufacturing apparatus. 4,555,650, 11-26-85, Cl. 318-135.000.

Asakawa, Teruo: *See—*

Imahashi, Issei; and Asakawa, Teruo, 4,525,659, Cl. 318-649.000.

Asakawa, Yoshiaki: *See—*

Ichikawa, Akira; Komatsu, Akio; and Asakawa, Yoshiaki, 4,528,688, Cl. 381-43.000.

Asako, Shigeru: *See—*

Okita, Koichi; and Asako, Shigeru, 4,496,507, Cl. 264-127.000.

Asakura, Masahiko: *See—*

Dobashi, Yoshitomi; Asakura, Masahiko; and Kohmoto, Kohtaro, 4,562,379, Cl. 313-619.000.

Kishida, Eiji; and Asakura, Masahiko, 4,561,394, Cl. 123-179.00G.

Asakura, Osamu: *See—*

Fushimoto, Hideo; Toyomura, Shigeru; Nishimuro, Yoshiaki; Asakura, Osamu; and Rachi, Masahiro, 4,517,660, Cl. 364-708.000.

Asama Chemical Co., Ltd.: *See—*

Yajima, Mizuo, 4,525,306, Cl. 260-428.500.

Asami, Kazuto; Baba, Takao; Nakamura, Minoru; and Tanaka, Mitsuaki, to Glory Kogyo Kabushiki Kaisha. Method of feeding a specific length of wrapping paper for a coin packaging machine and device for carrying out said method. 4,554,775, 11-26-85, Cl. 53-64.000.

Asami, Kazuto: *See—*

Nakamura, Minoru; and Asami, Kazuto, 4,515,172, Cl. 133-8.00A.

Yonekura, Kenichi; Asami, Kazuto; Hino, Yushi; and Yagi, Katsumi, 4,531,625, Cl. 194-102.000.

Asami, Kazutomo; Wada, Fumio; Ishijima, Koji; and Sato, Yutaka, to Mitsubishi Denki Kabushiki Kaisha. Rotary compressor with heat exchanger. 4,518,330, 5-21-85, Cl. 418-63.000.

Asami, Masahiro; Okitsu, Kiyoshi; Okumura, Yoshiaki; Namikoshi, Hajime; Mikumo, Masatoshi; and Watanabe, Shoji, to Daicel Chemical Industries, Ltd. Process for preparing novel graft polymer. 4,529,788, 7-16-85, Cl. 527-300.000.

Asami, Masahiro: *See—*

Toba, Hirotaka; Mikumo, Masatoshi; and Asami, Masahiro, 4,521,565, Cl. 525-64.000.

Yano, Takashi; and Asami, Masahiro, 4,555,468, Cl. 430-160.000.

Asami, Shojiro; Ozawa, Kazuo; and Sawa, Tetsuo, to Sony Corporation. Flexible magnetic disc cassette. 4,510,546, 4-9-85, Cl. 360-133.000.

Asami, Shojiro; and Sumihiro, Hiroshi, to Sony Corporation. Flexible magnetic disc cassette. 4,546,397, 10-8-85, Cl. 360-99.000.

Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, to Agency of Industrial Science and Technology; Nitivy Co., Ltd.; and Seimi Chemical Co., Ltd. Method for separating rare earth metals. 4,514,367, 4-30-85, Cl. 423-21.500.

Asami, Toshio: *See—*

Honma, Kenji; Asami, Toshio; Baba, Masayuki; and Nakayama, Sumio, 4,515,384, Cl. 280-276.000.

Asami, Yoshiaki: *See—*

Suzuki, Shintaro; Fujita, Hirotsugu; Asami, Yoshiaki; and Homma, Fumiko, 4,548,880, Cl. 429-162.000.

Asami, Yukio: *See—*

Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, 4,507,303, Cl. 514-255.000.

Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, 4,543,355, Cl. 514-253.000.

Asan-Dzhalalov, Alexei G.: *See—*

Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.

Asanae, Masumi; Noguchi, Koji; Itoi, Hideyuki; and Funakoshi, Katsumi, to Hitachi Metals, Ltd.; and Mitsui Petrochemical Industries, Ltd. Magnetic toner for pressure fixation. 4,529,680, 7-16-85, Cl. 430-106.600.

Asanae, Masumi: *See—*

Noguchi, Koji; Asanae, Masumi; and Kimura, Fumio, 4,518,673, Cl. 430-108.000.

Asano, Akira, to Honda Giken Kogyo Kabushiki Kaisha. Internal combustion engine. 4,495,903, 1-29-85, Cl. 123-90.380.

Asano, Atsushi: *See—*

Kotera, Nobuo; Hatano, Yuji; Asano, Atsushi; and Kawabe, Ushio, 4,555,643, Cl. 307-476.000.

Asano, Choichi: *See—*

Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.

Asano, Etuo; Suzuki, Yasuro; and Midou, Nobuo, to Hitachi, Ltd. Porous fill stator of a canned motor. 4,492,884, 1-8-85, Cl. 310-45.000.

Asano, Hiroshi; Shimamune, Takayuki; and Goto, Toshiki, to Permelec Electrode Ltd. Electrolysis apparatus using a diaphragm of a solid polymer electrolyte, and method for production thereof. 4,498,942, 2-12-85, Cl. 156-151.000.

Asano, Hiroshi; Shimamune, Takayuki; and Hirao, Kazuhiro, to Permelec Electrode Ltd. Process for the production of ion exchange membranes with coating for electrolysis. 4,502,931, 3-5-85, Cl. 204-192.00C.

Asano, Hiroshi; Shimamune, Takayuki; Hirao, Kazuhiro; and Hirayama, Ryuta, to Permelec Electrode Ltd. Durable electrode for electrolysis and process for production thereof. 4,554,176, 11-19-85, Cl. 427-125.000.

Asano, Hiroshige; and Moroto, Masayuki, to Okuma Machinery Works Ltd. Method of cleaning machined surface and chip removing tool. 4,534,803, 8-13-85, Cl. 134-30.000.

Asano, Hiroyuki: *See—*

Dairiki, Osamu; Ookuma, Humio; and Asano, Hiroyuki, 4,494,205, Cl. 364-472.000.

Asano, Hisashi, to Sony Corporation. Record player with automatic music search function. 4,528,653, 7-9-85, Cl. 369-41.000.

Asano, Hisoshi; Shimamune, Takayuki; Goto, Toshiki; and Hosonuma, Masashi, to Permelec Electrode Ltd. Cathode for electrolyzing acid solutions and process for producing the same. 4,500,405, 2-19-85, Cl. 204-290.00F.

Asano, Ichiro: *See—*

Baba, Yasuo; and Asano, Ichiro, 4,559,492, Cl. 324-83.00D.

Asano, Isao, to Babcock-Hitachi Kabushiki Kaisha. Three o'clock welding method in narrow groove. 4,504,729, 3-12-85, Cl. 219-137.00R.

Asano, Juichi; Okubo, Yasuo; Saito, Hiroshi; and Harada, Shigeru, to Kabushiki Kaisha Komatsu Seisakusho. Pebble-stone crushing device for use in excavator for laying pipelines underground. 4,555,064, 11-26-85, Cl. 241-89.300.

Asano, Junichi: *See—*

Tateoka, Masamichi; Asano, Junichi; Kurata, Mitsuru; and Yokomizo, Yoshikazu, 4,543,491, Cl. 250-578.000.

Asano, Kiyoshi: *See—*

Nakata, Kazuo; Maruo, Masatsuyo; and Asano, Kiyoshi, 4,539,261, Cl. 428-403.000.

Asano, Kohzoh: *See—*

Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, 4,499,249, Cl. 526-206.000.

Nakagawa, Shinichi; Asano, Kohzoh; Sakata, Shinsuke; Adachi, Tokio; and Kawachi, Shoji, 4,552,925, Cl. 525-200.000.

Nakagawa, Tsuneo; Yamaguchi, Sadatsu; Amano, Toshihiko; and Asano, Kohzoh, 4,546,157, Cl. 526-247.000.

Asano, Kozo: *See—*

Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.

Asano, Makoto: *See—*

Tsujimoto, Michihiro; Asano, Makoto; Hasegawa, Kiyoharu; and Akahori, Hiroyuki, 4,561,000, Cl. 346-208.000.

Asano, Masaharu, to Nissan Motor Company, Limited. Fuel injection means for an internal combustion engine of an automobile. 4,491,114, 1-1-85, Cl. 123-492.000.

Asano, Masaharu: *See—*

Kanegae, Hidetoshi; Asano, Masaharu; Yasuhara, Seishi; and Nakajima, Masao, 4,491,112, Cl. 123-479.000.

Asano, Masamichi; and Iwahashi, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Non-volatile semiconductor memory system. 4,506,350, 3-19-85, Cl. 365-191.000.

Asano, Masamichi; and Iwahashi, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory device. 4,509,148, 4-2-85, Cl. 365-230.000.

Asano, Masamichi: *See—*

Iwahashi, Hiroshi; Asano, Masamichi; Yoskikawa, Kuniyoshi; and Mito, Masazi, 4,495,693, Cl. 29-571.000.

Iwahashi, Hiroshi; and Asano, Masamichi, 4,542,485, Cl. 365-230.000.

Iwahashi, Hiroshi; and Asano, Masamichi, 4,556,961, Cl. 365-194.000.

Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, to Konishiroku Photo Industry Co., Ltd. Magnetic recording medium. 4,537,824, 8-27-85, Cl. 428-323.000.

Asano, Masao; Sunaga, Tetsuro; Murata, Hideki; and Matsumoto, Kazumasa, to Konishiroku Photo Industry Co., Ltd. Magnetic recording medium. 4,546,044, 10-8-85, Cl. 428-413.000.

Asano, Masao: *See—*

Yamauchi, Yasuhisa; Asano, Masao; and Arai, Mitsutaka, 4,550,054, Cl. 428-328.000.

Asano, Masaru: *See—*

Ishida, Matsuhiko; Asano, Masaru; Goto, Shigeru; and Sakurai, Takeshi, 4,557,369, Cl. 198-333.000.

Asano, Masumi; Ugajin, Mitsuyuki; and Isogai, Kiyoshi, to Toyota Jidosha Kabushiki Kaisha. Turbocharger lubricating oil sealing method. 4,523,763, 6-18-85, Cl. 277-1.000.

- Asano, Mitsugu: *See—*
  - Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.
- Asano, Seiji; Kagechika, Takashi; and Ishiguro, Minoru, to Fuji Photo Optical Co., Ltd. Shutter mechanism for camera. 4,505,568, 3-19-85, Cl. 354-458.000.
- Asano, Shogo: *See—*
  - Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.
- Asano, Shoji: *See—*
  - Kanayama, Kiyoshi; and Asano, Shoji, 4,550,635, Cl. 82-4.00C.
- Asano, Tadahiko: *See—*
  - Katayama, Sakae; Asano, Tadahiko; Marugame, Kazuo; Kanada, Sadaoki; and Kawasaki, Yoshinari, 4,512,552, Cl. 253-389.00R.
- Asano, Tadashi; Suzuki, Tadashi; and Fujii, Tadatsugu, to Mitsubishi Denki Kabushiki Kaisha. Cooling and heating device. 4,506,521, 3-26-85, Cl. 62-238.700
- Asano, Takateru: *See—*
  - Ichihashi, Taichi; Kawai, Wasaburo; Naraoka, Tadashi; and Asano, Takateru, 4,560,640, Cl. 430-280.000.
- Asano, Takeshi: *See—*
  - Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, 4,547,565, Cl. 528-232.000.
- Asano, Tamotsu: *See—*
  - Umemoto, Mitsumasa; Asano, Tamotsu; Nagata, Teruyuki; and Numata, Satoshi, 4,542,243, Cl. 568-636.000.
- Asano, Toru: *See—*
  - Yamaguchi, Hisashi; Asano, Toru; Takahara, Kazuhiro; Kurahashi, Keizo; and Andoh, Shizuo, 4,550,310, Cl. 340-365.00C.
  - Yoshikawa, Kazuo; Yamaguchi, Hisashi; and Asano, Toru, 4,556,871, Cl. 340-365.00C.
- Asano, Toshiaki: *See—*
  - Ogawa, Akira; and Asano, Toshiaki, 4,512,807, Cl. 106-22.000.
  - Takahashi, Sadatoshi; Tsuji, Sadahiko; Tajima, Akira; Asano, Toshiaki; and Minami, Setsuo, 4,515,446, Cl. 350-427.000.
- Asano, Toshio: *See—*
  - Kawamura, Reiki; Tanaka, Takuo; Asano, Toshio; and Sawada, Yasuhiro, 4,526,420, Cl. 297-218.000.
- Asano, Yuichiro; Hirahashi, Akira; Ohga, Suehisa; Yabe, Tadashi; Kurita, Kunio; and Momose, Atsushi, to Kawasaki Steel Corporation. Method and system for determining shape in plane to be determined in atmosphere of scattering materials. 4,492,472, 1-8-85, Cl. 356-376.000.
- Asanomi, Koji: *See—*
  - Tanaka, Toshimitsu; Abe, Ryoji; and Asanomi, Koji, 4,541,399, Cl. 123-573.000.
- Asanuma, Mari, to International Paper Company. Semi-rigid container with a bottom of improved stability. 4,550,826, 11-5-85, Cl. 206-259.000.
- Asanuma, Nobuyoshi: *See—*
  - Shimizu, Yasuo; Asanuma, Nobuyoshi; and Kami, Yozo, 4,504,081, Cl. 280-714.000.
- Asanuma, Tetsu; and Inagaki, Satoru, to Fuji Xerox Co., Ltd. Fixing roller for a copying machine. 4,538,052, 8-27-85, Cl. 219-469.000.
- Asao, Hiroshi: *See—*
  - Nakamura, Keiichi; Asao, Hiroshi; Okada, Kenichi; Wakabayashi, Yoichi; and Ochiai, Izumi, 4,506,423, Cl. 29-157.00R.
- Asao, Motoaki; and Nanko, Hideaki, to Sanyo Electric Co., Ltd. Digital signal receiver. 4,561,100, 12-24-85, Cl. 375-99.000.
- Asao, Yasuzi; and Fuchizawa, Tetsuro, to Fuji Photo Film Co., Ltd. Support for electrographic plate-making material and a lithographic printing plate employing same. 4,508,804, 4-2-85, Cl. 430-62.000.
- Asao, Yasuzi; and Yamamoto, Ichiro, to Fuji Photo Film Co., Ltd. Electrophotographic plate-making material. 4,522,906, 6-11-85, Cl. 430-60.000.
- Asao, Yasuzi: *See—*
  - Kiritani, Masataka; Asao, Yasuzi; and Takayanagi, Takashi, 4,543,269, Cl. 427-44.000.
- Asaoka, Sachio; and Sendo, Takashi, to Chiyoda Chemical Engineering & Construction Co., Ltd. Process for the preparation of alumina. 4,555,394, 11-26-85, Cl. 423-626.000.
- Asaoka, Sachio; Sendo, Takashi; and Nakamura, Munekazu, to Chiyoda Chemical Engineering & Construction Co., Ltd. Method of preparing alumina. 4,562,059, 12-31-85, Cl. 423-626.000.
- ASARCO Incorporated: *See—*
  - Di Martini, Carl R.; Howe, Herbert E.; Scott, William L.; and Bulvanoski, Leo J., 4,521,247, Cl. 75-77.000.
  - Goffman, Martin; and Jordan, Thomas L., 4,511,443, Cl. 204-108.000.
  - Little, Victor, Jr.; and Thomas, Charles L., 4,536,152, Cl. 431-159.000.
  - Sweat, William T., 4,501,412, Cl. 266-178.000.
- Asari, Akira; Inoue, Yoichi; and Ishii, Takahiko, to Kabushiki Kaisha Kobe Seiko Sho. Hot isostatic pressing apparatus. 4,491,302, 1-1-85, Cl. 266-87.000.
- Asari, Akira; Tsuzuki, Hidehiro; Inoue, Yoichi; and Tabuchi, Takahisa, to Kabushiki Kaisha Kobe Seiko Sho. Hot isostatic pressing apparatus. 4,537,569, 8-27-85, Cl. 425-405.00H.
- Asars, Juris A., to Westinghouse Electric Corp. Electronic circuitry with self-calibrating feedback for use with an optical current sensor. 4,540,937, 9-10-85, Cl. 324-96.000.
- Asato, Goro; and Ross, Lawrence J., to American Cyanamid Company. Salts of 1-(aminodihalophenyl)-2-aminoethanols and antilipogenic compositions prepared therefrom. 4,552,897, 11-12-85, Cl. 514-554.000.
- Asaumi, Hiroshi; Take, Shigeo; Akase, Masazumi; and Terada, Isao. Highly heat-resistant disc roll. 4,533,581, 8-6-85, Cl. 428-64.000.
- Asawa, Tatsuro; Ishii, Tsuneji; and Gunjima, Tomoki, to Asahi Glass Company Ltd. Method of bonding ion exchange membrane of fluorinated polymer to synthetic resin. 4,528,058, 7-9-85, Cl. 156-306.600.
- Asawa, Tatsuro; Sajima, Yasuo; and Iwamoto, Junjiro, to Asahi Glass Company Ltd. Electrolytic cell. 4,537,673, 8-27-85, Cl. 204-253.000.
- Asawa, Tatsuro: *See—*
  - Ukihashi, Hiroshi; Asawa, Tatsuro; Yamabe, Masaaki; and Miyake, Haruhisa, 4,508,603, Cl. 204-98.000.
- Asberg, Sture, to SKF Nova AB. Means for mounting a hub bearing unit to a vehicle. 4,527,916, 7-9-85, Cl. 384-513.000.
- Asberg, Sture, to SKF Nova AB. Ball joint for suspension of wheels. 4,527,924, 7-9-85, Cl. 403-76.000.
- Asberg, Sture, to SKF Nova AB. Hub bearing unit having a ball joint. 4,558,885, 12-17-85, Cl. 280-674.000.
- Asbury, Charles E.: *See—*
  - Clausen, Victor H.; and Asbury, Charles E., 4,503,108, Cl. 428-108.000.
- ASC Incorporated: *See—*
  - Adams, Allan J., 4,502,726, Cl. 296-221.000.
  - Brockway, Patrick H.; Lehr, Howard C.; and George, Richard D., 4,537,440, Cl. 296-108.000.
  - Kaltz, Milton C.; Alexander, Michael P.; and Cichoski, Richard, 4,516,803, Cl. 296-107.000.
  - Kaltz, Milton C.; Alexander, Michael P.; and Lehr, Howard C., 4,529,243, Cl. 296-107.000.
  - Kaltz, Milton C.; and Alexander, Michael P., 4,543,747, Cl. 49-249.000.
  - Kaltz, Milton C.; Garascia, David C.; and Kilpinen, Michael E., 4,553,307, Cl. 29-434.000.
  - Trostle, D. Mark; Kaltz, Milton C.; Moler, Ronald; and Cowsert, Lendell E., 4,512,606, Cl. 296-130.000.
- Asch, Karl; Greschner, Johann; Kallmeyer, Michael; and Kulcke, Werner, to International Business Machines Corporation. Probe head arrangement for conductor line testing with at least one probe head comprising a plurality of resilient contacts. 4,520,314, 5-28-85, Cl. 324-158.00P.
- Asche, Bernard J. Agricultural fan control system. 4,506,199, 3-19-85, Cl. 318-313.000.
- Aschenbach, Louis F., to Eaton Corporation. Thermostat. 4,536,736, 8-20-85, Cl. 337-317.000.
- Aschenbruck, Emil: *See—*
  - Albers, Rolf; Aschenbruck, Emil; Neuhaus, Gunter; and Kotzur, Joachim, 4,523,764, Cl. 277-3.000.
- Aschermann, Kurt. Baseball bat instruction accessory unit. 4,513,965, 4-30-85, Cl. 273-26.00R.
- Aschermann, Willi; and Haarhaus, Peter, to Gebr. Happich GmbH. Sun visor for automobiles. 4,512,605, 4-23-85, Cl. 296-97.00G.
- Aschinger, William T.; Pfeifer, Jack F.; and Shumaker, Dale E., to Columbus Show Case Company, The. Display case adapted for high level incandescent illumination. 4,507,714, 3-26-85, Cl. 362-126.000.
- Aschoff, Hans-Joachim; and Cholewa, Lothar, to Vorwerk & Co. Interholding GmbH. Load monitoring circuit for electric motors. 4,517,502, 5-14-85, Cl. 318-474.000.
- Aschwanden, Felix, to RCA Corporation. Digital sync separator. 4,491,870, 1-1-85, Cl. 358-153.000.
- Aschwanden, Felix, to RCA Corporation. Slow genlock circuit. 4,498,103, 2-5-85, Cl. 358-148.000.
- Aschwanden, Felix, to RCA Corporation. SECAM Modulator. 4,528,527, 7-9-85, Cl. 332-19.000.
- Aschwanden, Felix: *See—*
  - Reitmeier, Glenn A.; and Aschwanden, Felix, 4,506,175, Cl. 307-525.000.
- Aschwanden, Werner; Branca, Quirico; Kyburz, Emilio; and Pfister, Rudolf, to Hoffmann-La Roche Inc. Cycloheptene derivatives. 4,513,002, 4-23-85, Cl. 514-408.000.
- Ascoe Felts, Inc.: *See—*
  - Booth, Ian K.; and Cunnane, Francis J., III, 4,537,816, Cl. 428-234.000.
- Asculai, Samuel S.; and Rapp, Fred, to Exovir, Inc. Interferon-containing compositions. 4,507,281, 3-26-85, Cl. 424-85.000.
- ASE (UK) Limited: *See—*
  - Anderson, Alexander B., 4,538,832, Cl. 280-808.000.
  - Patterson, Michael, 4,550,933, Cl. 280-808.000.
  - Temple, John D., 4,508,363, Cl. 280-808.000.
- ASEA Aktiebolag: *See—*
  - Adlerborn. Jan; Larker, Hans; and Nilsson, Jan, 4,505,871, Cl. 264-325.000.
  - Adolfsson, Morgan; Brogardh, Torgny; Ovren, Christer; and Persson, Anders, 4,493,995, Cl. 250-227.000.
  - Adolfsson, Morgan; Brogardh, Torgny; Goransson, Sture; and Ovren, Christer, 4,498,004, Cl. 250-227.000.
  - Adolfsson, Morgan; Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,514,860, Cl. 455-612.000.
  - Adolfsson, Morgan; and Brogardh, Torgny, 4,547,729, Cl. 324-96.000.
  - Bachler, Sven, 4,550,299, Cl. 335-195.000.
  - Bachler, Sven, 4,562,418, Cl. 335-131.000.
  - Beijar, Ole; and Mattsson, Mats, 4,540,848, Cl. 174-152.00R.
  - Berg, Arne, 4,557,655, Cl. 414-32.000.
  - Berg, Samuel, 4,491,706, Cl. 200-148.00A.
  - Berggren, Jan, 4,529,929, Cl. 324-52.000.

  - Bjorklund, Robert; Gustavsson, Hans; Lundstrom, Ingemar; and Nygren, Bertil, 4,521,450, Cl. 427-121.000.
  - Blomkvist, Kent; and Nordvall, Jan O., 4,506,554, Cl. 73-862.360.
  - Brantmark, Hakan; and Ennerfelt, Johan, 4,553,077, Cl. 318-568.000.
  - Brogardh, Torgny; Linge, Anders; and Sander, Lars, 4,492,860, Cl. 250-227.000.
  - Brogardh, Torgny; and Ovren, Christer, 4,529,875, Cl. 250-227.000.
  - Brogardh, Torgny, 4,531,230, Cl. 382-13.000.
  - Brogardh, Torgny; and Ovren, Christer, 4,539,473, Cl. 250-211.00R.
  - Brogardh, Torgny, 4,559,643, Cl. 382-1.000.
  - Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,560,868, Cl. 250-227.000.
  - Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,562,348, Cl. 250-231.00R.
  - Collin, Thorbjorn; Erikmats, Borje; Forsberg, Svante; Goransson, Harry; Sander, Lars; and Solver, Carl E., 4,532,499, Cl. 340-644.000.
  - Dubon, Chantal; Hok, Bertil; and Ovren, Christer, 4,537,467, Cl. 350-96.200.
  - Eriksson, Jan Erik; Karlsson, Mats; Kollberg, Sten; and Mansson, Bengt, 4,541,472, Cl. 164-504.000.
  - Folgero, Kare, 4,559,632, Cl. 373-159.000.
  - Hellman, Per-Ake; and Stenstrom, Lennart, 4,547,831, Cl. 361-127.000.
  - Henriksson, Bengt, 4,532,398, Cl. 219-10.790.
  - Immonen, Kari, 4,494,306, Cl. 29-809.000.
  - Jonsson, Karl E.; and Lindgren, Gosta, 4,496,920, Cl. 335-201.000.
  - Kaufmann, Herbert; and Larsson, Jan, 4,506,123, Cl. 200-83.00J.
  - Kaufmann, Herbert; and Larsson, Jan, 4,507,534, Cl. 219-86.700.
  - Kollberg, Sten, 4,495,984, Cl. 164-468.000.
  - Larker, Hans; and Tegman, Ragnar, 4,491,540, Cl. 252-628.000.
  - Larsson, Jan, 4,531,041, Cl. 219-90.000.
  - Larsson, Sten, 4,494,297, Cl. 29-527.600.
  - Lassander, Erik; and Stenkvist, Sven E., 4,550,413, Cl. 373-108.000.
  - Lindberg, Per-Olof, 4,520,597, Cl. 51-134.50R.
  - Lindgren, Carl E., 4,516,022, Cl. 250-227.000.
  - Lindqvist, Ake, 4,535,207, Cl. 200-17.00R.
  - Ling, Bernt; and Sternad, Mikael, 4,512,711, Cl. 414-786.000.
  - Liss, Gote, 4,516,198, Cl. 363-35.000.
  - Olsson, Ingemar; Ottosson, Goran; and Sinner, Bengt, 4,496,112, Cl. 242-66.000.
  - Olsson, Ingemar, 4,535,949, Cl. 242-57.000.
  - Persson, Bo G.; and Spicar, Erich, 4,552,990, Cl. 174-117.0FF.
  - Rappinger, Bo; and Stenkvist, Sven-Einar, 4,541,099, Cl. 373-72.000.
  - Saha, Murari M., 4,559,491, Cl. 324-52.000.
  - Siby, Sture, 4,506,556, Cl. 73-862.630.
  - Stenkvist, Sven-Einar, 4,528,673, Cl. 373-108.000.
  - Stenkvist, Sven-Einar, 4,532,633, Cl. 373-72.000.
  - Svedberg, Per, 4,509,089, Cl. 361-100.000.
  - Svedberg, Per, 4,546,401, Cl. 361-91.000.
  - Thoren, Stellan, 4,558,296, Cl. 336-100.000.
  - Valdemarsson, Stefan, 4,541,289, Cl. 73-862.690.
- ASEA Electric, Inc.: *See—*
  - Kranich, Neil J., II; and Boivin, Wallace E., Jr., 4,533,797, Cl. 200-11.0TC.
  - Kranich, Neil J., II, 4,562,316, Cl. 200-16.00D.
- ASEA-STAL AB: *See—*
  - Brannstrom, Roine, 4,530,207, Cl. 60-39.464.
- Asepta AG Wil/SG: *See—*
  - Schmid, Harry, 4,545,498, Cl. 215-260.000.
- Aseptic Technologies, Inc.: *See—*
  - Shuster, Herbert V., 4,553,677, Cl. 215-33.000.
- Ash, Donald L.: *See—*
  - Pye, David S.; Ash, Donald L.; and Rardin, Robert W., 4,498,543, Cl. 166-376.000.
- Ash Grove Cement Company: *See—*
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- Ash, Jessica B.: *See—*
  - Redmond, Russell J.; and Ash, Jessica B., 4,500,311, Cl. 604-246.000.
- Ash, Robin T., to Frito-Lay, Inc. Separator-folder for form-and-fill packaging machines. 4,517,789, 5-21-85, Cl. 53-545.000.
- Ash, Stephen R.; Wolf, Gordon C.; and Bloch, Richard, to Purdue Research Foundation. Catheter guide. 4,498,902, 2-12-85, Cl. 604-164.000.
- Ash, Stephen R.; and Kaufman, Geraldine M., to Purdue Research Foundation. Permanently placed transcutaneous access device to blood vessels. 4,559,039, 12-17-85, Cl. 604-175.000.
- Ashbeck, Robert M., to Davis, Martin I.; and Dewing, Kenneth M. Sealing closure for a flexible container. 4,541,117, 9-10-85, Cl. 383-64.000.
- Ashbee, William H.; Janssen, Donovan M.; Martin, Ronald J.; and Seaward, William S., to International Business Machines Corporation. Electronic alignment for a paper processing machine. 4,511,242, 4-16-85, Cl. 355-14.00C.
- Ashburn, John J.: *See—*
  - Karazim, Michael P.; Okashima, Bob Y.; and Ashburn, John J., 4,499,691, Cl. 51-241.00S.
- Ashby, Benjamin F. Processing tank for making photographic contact prints. 4,511,231, 4-16-85, Cl. 354-301.000.
- Ashby, Bruce A., to General Electric Company. Silicone flame retardants for nylon. 4,496,680, 1-29-85, Cl. 524-265.000.
- Ashby, Bruce A.; and Lucas, Gary M., to General Electric Company. Self-bonding room temperature vulcanizable silicone compositions. 4,506,058, 3-19-85, Cl. 524-730.000.
- Ashby, Ronald E.: *See—*
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- Ashcombe Products Company: *See—*
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- Ashcraft, Charles R.: *See—*
  - Park, Hee C.; and Ashcraft, Charles R., 4,496,620, Cl. 428-323.000.
- Ashe, Bonnie M.: *See—*
  - Doherty, James B.; Zimmerman, Morris; and Ashe, Bonnie M., 4,493,839, Cl. 424-263.000.
  - Doherty, James B.; Zimmerman, Morris; and Ashe, Bonnie M., 4,495,197, Cl. 514-210.000.
  - Doherty, James B.; Ashe, Bonnie M.; Finke, Paul E.; Shah, Shrenik K.; Thompson, Kevan R.; and Zimmerman, Morris, 4,547,371, Cl. 514-200.000.
- Asher, William P.; and Munz, Otto J., deceased (by Munz, Gerta H., executrix). Combined swimming aid and lifesaving device. 4,496,328, 1-29-85, Cl. 441-55.000.
- Ashida, Akira, to Hitachi, Ltd. Discrimination circuit for received data. 4,514,854, 4-30-85, Cl. 375-94.000.
- Ashida, Akira, to Hitachi, Ltd. Clock derivation circuits. 4,531,223, 7-23-85, Cl. 375-110.000.
- Ashida, Akira, to Hitachi, Ltd. Clock extraction circuit using an oscillator and phase-locked programmable divider. 4,538,119, 8-27-85, Cl. 331-1.00A.
- Ashida, Hisashi; and Suzuki, Keiichiro, to Konishiroku Photo Industry Co., Ltd. Electrostatic reproducing apparatus. 4,505,572, 3-19-85, Cl. 355-3.00R.
- Ashida, Kaneyoshi; Ohtani, Masaaki; and Ohkubo, Shoichi, to Mitsubishi Chemical Industries Limited. Process for preparing smoke-retardant polyisocyanurate foam. 4,514,525, 4-30-85, Cl. 521-112.000.
- Ashida, Shinichiro: *See—*
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- Ashikaga, Tadashi; and Terashima, Masayuki, to Kabushiki Kaisha Meidensha. Vector control method and system for an induction motor. 4,510,430, 4-9-85, Cl. 318-800.000.
- Ashikaga, Tadashi: *See—*
  - Ohnishi, Kouhei; Ashikaga, Tadashi; and Terashima, Masayuki, 4,509,003, Cl. 318-800.000.
- Ashikawa, Kazutoshi: *See—*
  - Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.
- Ashikawa, Keitaro. Heat-treated tea and method for preparing the same. 4,526,796, 7-2-85, Cl. 426-465.000.
- Ashikian, Baruir. Two-stage rotary compressor. 4,553,903, 11-19-85, Cl. 417-204.000.
- Ashitaka, Hidetomo: *See—*
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- Ashizawa, Masaaki: *See—*
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  - Yamamoto, Tsutomu; Ashizawa, Masaaki; Nishimoto, Kazuo; and Sekiguchi, Yuji, 4,508,777, Cl. 428-280.000.
- Ashizawa, Toranosuke: *See—*
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- Ashjian, Henry: *See—*
  - Andress, Harry J.; and Ashjian, Henry, 4,522,736, Cl. 252-51.50A.
  - Horodysky, Andrew G.; Ashjian, Henry; and Gawel, Henry A., 4,522,734, Cl. 252-49.600.
- Ashkin, Arthur; Dziedzic, Joseph M.; Simpson, Jay R.; and Stolen, Rogers H., to AT&T Bell Laboratories. Inline optical fiber attentuator. 4,529,262, 7-16-85, Cl. 350-96.150.
- Ashkinazy, Larry R. Modular implant assembly. 4,522,596, 6-11-85, Cl. 433-173.000.
- Ashland Oil, Inc.: *See—*
  - Barger, Dwight F., 4,525,268, Cl. 208-73.000.
  - Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,513,093, Cl. 502-84.000.
  - Beck, H. Wayne; Lochow, Charles F., Jr.; and Nibert, Charles W., 4,515,683, Cl. 208-113.000.
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Rabito, Thomas G.; Oswalt, Stephen M.; and Cline, Richard L., 4,500,606, Cl. 428-480.000.
Rabito, Thomas G.; Cline, Richard L.; Oswalt, Stephen M.; Randleman, Marvin T.; and Kimball, Michael E., 4,552,934, Cl. 525-458.000.
Sawran, William R.; Turrill, Frank H.; Newman, John W.; and Hall, Norman W., 4,497,789, Cl. 423-447.400.
Scaccia, Carlo; and Overley, John R., 4,499,029, Cl. 260-544.00A.
Stamerjohn, David M.; Norton, Richard V.; and Sturtz, Gregory P., 4,543,163, Cl. 203-37.000.
Tolhurst, Gary A.; and Haugse, Albert L., 4,542,049, Cl. 427-388.100.
Walters, Paul W.; Benslay, Roger M.; and Barger, Dwight F., 4,495,063, Cl. 208-113.000.
Wombles, Robert H.; Carlos, Donald D.; and Gannon, Charles R., 4,544,411, Cl. 106-279.000.
Zandona, Oliver J.; Hettinger, William P., Jr.; Kovach, Stephen M.; and Beck, Hubert W., 4,508,839, Cl. 502-65.000.

Ashland Products Company: *See—*
Simpson, Harold, 4,553,353, Cl. 49-161.000.

Ashley, Billy H., to A. Schulman, Inc. Process for preparing curable polyolefin polymers. 4,522,957, 6-11-85, Cl. 523-212.000.

Ashley, Fred C., to Milliken Research Corporation. Yarn bobbin. 4,515,327, 5-7-85, Cl. 242-118.300.

Ashley, John C.; and Calhoun, Bernard, to Armstrong World Industries, Inc. Cane singeing apparatus. 4,516,298, 5-14-85, Cl. 26-3.000.

Ashley, Michael J.; Hemphill, Paul D.; and Leivo, Charles C., to Dresser Industries, Inc. Absorption of pollutant material from a polluted gas. 4,501,722, 2-26-85, Cl. 423-242.000.

Ashley, Michael J.; and Greaves, Roy A., to Dresser U.K. Ltd. Gas/liquid contact processes. 4,530,822, 7-23-85, Cl. 423-242.000.

Ashley, Robert J.; Bardhan, Nabendu; Hardy, Peter D.; and Jeffs, Keith D., to Metal Box p.l.c. Pouch-like bags for containing liquids. 4,553,971, 11-19-85, Cl. 604-415.000.

Ashley-Rollman, Charles D., to Acrotechnology Corporation. Isolation circuit. 4,506,230, 3-19-85, Cl. 330-10.000.

Ashley, Walter M., Jr.: *See—*
Inglett, Wilfred L., Jr.; Ashley, Walter M., Jr.; and Manfredonia, Abe J., 4,537,015, Cl. 53-386.000.

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Seymour, Raymond K.; Palmieri, Joseph M.; Ashline, William J.; and Doughty, Dennis J., 4,513,268, Cl. 335-35.000.

Ashlock, L. T.; Mukamal, Harold; and White, William H., to Swedlow, Inc. Transparent, abrasion resistant coating compositions. 4,500,669, 2-19-85, Cl. 524-440.000.

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Ashman, Arthur; and Bruins, Paul F., to Medical Biological Sciences, Inc. Process of making implantable prosthesis material of modified polymeric acrylic (PMMA) beads coated with PHEMA and barium sulfate. 4,547,390, 10-15-85, Cl. 427-2.000.

Ashman, Arthur: *See—*
Bruins, Paul F.; and Ashman, Arthur, 4,536,158, Cl. 433-201.100.
Bruins, Paul F.; and Ashman, Arthur, 4,547,327, Cl. 264-16.000.

Ashman, Glynn; Berry, Kelvin T.; and Winterbottom, Martin E., to Lucas Industries Limited. Seals used in piston and cylinder arrangements. 4,524,677, 6-25-85, Cl. 92-168.000.

Ashman, John J.; and Rupnik, David W., to AMP Incorporated. Rotary switch assembly. 4,497,984, 2-5-85, Cl. 200-11.0DA.

Ashmead, Harvey H.; and Hsu, Hsin-Hung. Potassium polyphosphate protein hydrolysate fertilizer. 4,491,464, 1-1-85, Cl. 71-11.000.

Ashmead, Stephen D., to Albion International, Inc. Activated charcoal as promoter for phosphorus uptake in plant tissues. 4,529,434, 7-16-85, Cl. 71-34.000.

Ashmore, Mike J., to Atlas Investment Co. Octane booster for engines. 4,528,948, 7-16-85, Cl. 123-25.00L.

Ashok, Sankaranarayanan; and Breedis, John F., to Olin Corporation. Beta copper base alloy adapted to be formed as a semi-solid metal slurry and a process for making same. 4,555,272, 11-26-85, Cl. 148-3.000.

Ashrawi, Samir S.; and Prukop, Gabriel, to Texaco Inc. Method of extracting and reutilizing surfactants from emulsions. 4,559,148, 12-17-85, Cl. 252-8.55D.

Ashrow, David P. Swimming harness. 4,524,711, 6-25-85, Cl. 114-215.000.

Ashton, Michael J.; Bridge, Andrew W.; Chapman, Robert F.; Fenton, Garry; Loveless, Anthony H.; and Riddell, David, to May & Baker Limited. Indole and indoline carboxylic acid compounds and method of use. 4,493,843, 1-15-85, Cl. 424-274.000.

Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., to May & Baker Limited. Hypoglycaemic and hypolipidaemic benzamide substituted (1H-) imidazole derivatives and compositions. 4,507,315, 3-26-85, Cl. 514-396.000.

Ashton, Richard D. A., to North American Decorative Products Inc. Reversible angle display. 4,508,230, 4-2-85, Cl. 211-181.000.

Ashton, Richard F.: *See—*
Ward, Bennie R.; and Ashton, Richard F., 4,528,042, Cl. 148-11.50A.

Ashton, Robert G.: *See—*
Wrobel, Stanley A.; and Ashton, Robert G., 4,537,068, Cl. 73-202.000.

Ashton, Robert H., to Heath Company. Dual channel curve tracer. 4,546,348, 10-8-85, Cl. 340-715.000.

Ashurkoff, Peter: *See—*
Harrison, Bobby J.; and Ashurkoff, Peter, 4,509,567, Cl. 141-97.000.

Ashwood, Valerie A.: *See—*
Evans, John M.; and Ashwood, Valerie A., 4,496,565, Cl. 514-222.000.

Ashworth, Denis H., to Simon Engineering Dudley Limited. Vehicle stabilizing system. 4,536,009, 8-20-85, Cl. 280-755.000.

Ashworth, Joseph A.: *See—*
Grantham, LeRoy F.; and Ashworth, Joseph A., 4,526,677, Cl. 208-262.000.

Ashworth, Robert A., to Florida Progress Corporation. Alternative fuel comprised of sewage sludge and a liquid hydrocarbon fuel oil. 4,560,391, 12-24-85, Cl. 44-51.000.

Ashworth, Robert A.: *See—*
Milner, Geoffrey; Butler, Michael F.; and Ashworth, Robert A., 4,498,909, Cl. 48-209.000.

Asia Oil Company Limited: *See—*
Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.
Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, 4,508,841, Cl. 502-73.000.

Asian Star, U.S.A., Inc.: *See—*
Chiang, Hsing-Hui, 4,545,313, Cl. 112-263.100.

Asick, John C., to AMP Incorporated. Extractor means multi-plane interconnection system. 4,493,518, 1-15-85, Cl. 339-45.00M.

Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., to AMP Incorporated. Input/output intercard connector. 4,506,940, 3-26-85, Cl. 339-17.0LC.

Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., to AMP Incorporated. Shielded backplane assembly. 4,550,960, 11-5-85, Cl. 339-14.00R.

Asics Corporation: *See—*
Inohara, Masanobu, 4,506,461, Cl. 36-29.000.
Inohara, Masanobu, 4,523,393, Cl. 36-29.000.

Asija, Satya P. Automated image input, storage and output system. 4,523,331, 6-11-85, Cl. 382-18.000.

Asik, Joseph R., to Ford Motor Company. Enhanced spark energy distributorless ignition system (B). 4,493,306, 1-15-85, Cl. 123-620.000.

Askam, John F.; and Coton, William H., to Dunlop Limited. Tire building machinery. 4,504,337, 3-12-85, Cl. 156-64.000.

Aske, Vernon H., to Honeywell Inc. Integrated silicon accelerometer with stress-free rebalancing. 4,498,342, 2-12-85, Cl. 73-517.00B.

Asker, Gunnar C. F. Wind ship propulsion system. 4,561,374, 12-31-85, Cl. 114-103.000.

Askew, Dennis D.: *See—*

Odenthal, Conrad J.; and Askew, Dennis D., 4,500,809, Cl. 313-444.000.

Askins, William E.: *See—*

Thomas, Gerald A.; and Askins, William E., 4,557,068, Cl. 43-90.000.

Aslan, Edward E., to Narda Microwave Corporation, The. Radiation detector. 4,518,912, 5-21-85, Cl. 324-95.000.

ASM Assembly Automation Ltd.: *See—*

Chan, Lo K.; Tang, Yui K.; and Chang, Jui, 4,550,871, Cl. 228-4.500.

ASM Fico Tooling, b.v.: *See—*

Fierkens, Richardus H. J.; and Pas, Ireneus J. T. M., 4,534,921, Cl. 264-39.000.

Fierkens, Richardus H. J.; and Pas, Ireneus J. T. M., 4,553,420, Cl. 72-380.000.

Asmus, Edward, to Anchor Hocking Corporation. Food serving tray. 4,545,487, 10-8-85, Cl. 206-508.000.

Asmus, Richard W.: *See—*

Collins, Albert V.; and Asmus, Richard W., 4,507,152, Cl. 106-18.310.

Collins, Albert V.; and Asmus, Richard W., 4,532,161, Cl. 427-440.000.

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Asmus, Stewart. Picture hanging tool. 4,559,690, 12-24-85, Cl. 29-270.000.

Asmussen, Frithjof; Sotobayashi, Hideto; Chen, Jiang-Tsun; and Schnabel, Wolfram, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Positive resist material. 4,551,414, 11-5-85, Cl. 430-270.000.

Asmussen, Jes; and Root, Joseph J., to Board of Trustees operating Michigan State University. Ion generating apparatus and method for the use thereof. 4,507,588, 3-26-85, Cl. 315-39.000.

Aso, Akira, to Molex Incorporated. Electrical connector for flat flexible cable. 4,526,436, 7-2-85, Cl. 339-176.0MF.

Aso, Tadashi: *See—*

Nakajima, Jun; Araya, Takeshi; Aso, Tadashi; Kawamata, Kiyoshi; and Sugimoto, Kinji, 4,527,045, Cl. 219-130.310.

Aso, Tomio: *See—*

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,514,740, Cl. 346-139.00R.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,174, Cl. 346-136.000.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,176, Cl. 346-141.000.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,560,295, Cl. 400-637.100.

Asoma, Yoshito, to Olympus Optical Co., Ltd. Microscope objective. 4,505,553, 3-19-85, Cl. 350-414.000.

Asoma, Yoshito, to Olympus Optical Co., Ltd. Objective lens system for microscopes. 4,537,472, 8-27-85, Cl. 350-414.000.

Asonen, Osmo. Method and arrangement for underwater arc welding. 4,527,046, 7-2-85, Cl. 219-137.00R.

ASP International, Inc.: *See—*

Hayba, Franklin P., 4,505,335, Cl. 169-76.000.

Aspen, Kjell, to AJ-Produkter I Hyltebruk AB. Latch construction for locking a cover to a platform of a lorry. 4,523,784, 6-18-85, Cl. 296-100.000.

Aspen Laboratories, Inc.: *See—*

Birmingham, Michael J.; and Manes, Michael R., 4,520,819, Cl. 128-327.000.

Cline, Albert L., 4,545,375, Cl. 128-303.140.

Kitchin, Dwight W.; and Manes, Michael R., 4,520,820, Cl. 128-327.000.

Manes, Michael R., 4,548,198, Cl. 128-327.000.

Aspenwall, John E., to Jahabow Industries, Inc. Fluorescent lamp housing. 4,535,393, 8-13-85, Cl. 362-217.000.

Aspera S.p.A.: *See—*

Andrione, Norbert; Peruzzi, Federigo; and Scandurra, Giancarlo, 4,493,226, Cl. 74-598.000.

Andrione, Norbert; and Peruzzi, Federigo, 4,549,859, Cl. 417-363.000.

Peruzzi, Federigo; and Zgliczynski, Marek, 4,518,326, Cl. 417-372.000.

Asphahani, Aziz I., to Cabot Corporation. Corrosion-resistance nickel alloy. 4,533,414, 8-6-85, Cl. 148-427.000.

Aspinall, Eric L., to Boeing Company, The. Band tensioning device. 4,557,441, 12-10-85, Cl. 244-129.400.

Aspiotis, Evgeny K.; Vitjuk, Boris Y.; Malakhov, Evgeny I.; Danshin, Boris V.; Sokolov, Vladimir A.; Sidorov, Anatoly S.; and Volkov, Leonid V., to Vsesojuzny Nauchno-Issledovatelsky Institut Maslichnykh Kultur Imeni V.S. Pustovoita. Method of quantitative analysis of substances and nuclear-resonant quantitative analyzer therefor. 4,556,847, 12-3-85, Cl. 324-307.000.

Aspnes, David E., to AT&T Bell Laboratories. Cylindrical grating monochromator for synchrotron radiation. 4,492,466, 1-8-85, Cl. 356-334.000.

ASQ Boats, Inc.: *See—*

Lee, Steven N., 4,515,104, Cl. 118-500.000.

Assab Medicin AB: *See—*

Edebo, Lars B.; Swede, Harald G.; and Tornqvist, Nils-Erik, 4,503,873, Cl. 134-104.000.

Assael, David; and Ruben, Lawrence M., to Hughes Aircraft Company. Four-quadrant gate-sizing technique. 4,549,211, 10-22-85, Cl. 358-126.000.

Assaf, Gad; and Doron, Benjamin, to Solmat Systems Ltd. Dual purpose solar pond for evaporation and heat storage. 4,498,300, 2-12-85, Cl. 60-641.800.

Assaf, Gad. Method of and means for seasonally storing heat in a body of water. 4,498,454, 2-12-85, Cl. 126-415.000.

Assaf, Gad, to Solmat Systems Ltd. Method of and means for maintaining a halocline in an open body of salt water. 4,541,244, 9-17-85, Cl. 60-641.800.

Assaf, Gad, to Solmat Systems Ltd. Method of an apparatus for dynamically stabilizing the wind-mixed layer of a salt-water solar pond. 4,553,529, 11-19-85, Cl. 126-415.000.

Assandri, Alessandro: *See—*

Fontanella, Luigi; Martinelli, Edoardo; and Assandri, Alessandro, 4,528,297, Cl. 514-392.000.

Galliani, Giulio; Omodei-Sale, Amedeo; Consonni, Pietro; and Assandri, Alessandro, 4,535,090, Cl. 514-383.000.

Assard, Gerald L.; and Moorcroft, Arthur L., to United States of America, Navy. Precise bearing support ditherer with piezoelectric drive means. 4,523,120, 6-11-85, Cl. 310-323.000.

Assarsson, Per G.; and Nagasuye, Joseph H., to St. Lawrence Technologies Limited. Fermentation of glucose with recycle of non-fermented components. 4,497,896, 2-5-85, Cl. 435-161.000.

Assbeck, Franz; and Fleckenstein, Volker, to Siemens Aktiengesellschaft. Method and apparatus for the automatic setting of the optimum operating point of a d-c voltage source. 4,510,434, 4-9-85, Cl. 323-237.000.

Assedo, Raphael; and Dubreux, Eric, to Framatome & Cie. Device for guiding a control cluster in a nuclear reactor. 4,562,038, 12-31-85, Cl. 376-353.000.

Asselin, Andre A.; and Humber, Leslie G., to Ayerst, McKenna & Harrison, Inc. 6,7,8,9-Tetrahydro-1H-benz(g)indol-8-amine derivatives. 4,510,157, 4-9-85, Cl. 514-411.000.

Asselin, Andre A.; and Humber, Leslie G., to Ayerst, McKenna & Harrison, Inc. 7,8,9,10-Tetrahydrobenzo[h]quinolin-9-amine derivatives and compositions and methods for treating depression employing them. 4,521,423, 6-4-85, Cl. 514-290.000.

Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., to American Home Products Corporation. 5-Indolyl substituted aminoethanols. 4,521,606, 6-4-85, Cl. 548-503.000.

Asselin, Andre A.; and Humber, Leslie G., to Ayerst, McKenna & Harrison, Inc. Dioxy hexahydrobenzo[6,7]cyclohepta[1,2,3-de]isoquinoline derivatives useful as neuroleptic agents. 4,522,946, 6-11-85, Cl. 514-284.000.

Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., to American Home Products Corporation. 5(Indolyl) and 5(2,3-dihydroindolyl) substituted aminoethanols and their use as anti-hypertensives. 4,562,200, 12-31-85, Cl. 514-415.000.

Asselin, Andre A.: *See—*

Gauthier, Jean A.; Voith, Katherine; and Asselin, Andre A., 4,521,534, Cl. 514-219.000.

Asselin, Ovila. Heat insulated tie rod for concrete wall members. 4,545,163, 10-8-85, Cl. 52-378.000.

Assell, Robert L.; and Skwor, Edward P., to Minnesota Mining and Manufacturing Company. Bone stapler. 4,527,726, 7-9-85, Cl. 227-19.000.

Assens, Michel: *See—*

Auge, Jean; Lavaur, Jacques; and Assens, Michel, 4,549,358, Cl. 33-560.000.

Associated Dynamics, Incorporated: *See—*

Foran, Charles D.; and Smith, Jack D., 4,512,694, Cl. 409-12.000.

Associated Electrical Industries Limited: *See—*

Ainsworth, John D., 4,554,623, Cl. 363-96.000.

Ainsworth, John D., 4,558,405, Cl. 363-81.000.

Gill, Dennis, 4,512,827, Cl. 156-48.000.

Thanawala, Hemesh L., 4,503,380, Cl. 323-206.000.

Ward, Philip A., 4,520,303, Cl. 318-778.000.

Associated Engineering Italy S.p.A.: *See—*

Bruni, Ludovico, 4,515,003, Cl. 72-370.000.

Associated Enterprises, Inc.: *See—*

Tengler, John N., 4,490,908, Cl. 30-90.400.

Associated Equipment Corporation: *See—*

Wright, Bruce R., 4,554,574, Cl. 357-74.000.

Associated Lead Manufacturers Limited: *See—*

Pearson, Derek G., 4,505,850, Cl. 252-609.000.

Associated Medical Systems, Inc.: *See—*

Morin, Marius J.; and Munro, Jack C., 4,556,074, Cl. 132-92.00R.

Associated Mills, Inc.: *See—*

Rundzaitis, Alfons, 4,504,389, Cl. 210-266.000.

Associated Packaging Equipment Corp. Ltd.: *See—*

Malthouse, Martin D.; and Groeger, Heinz K., 4,526,645, Cl. 156-350.000.

Associated Press, The: *See—*

Rutherford, David G.; Helling, Bernd; and Long, John H., 4,547,810, Cl. 358-256.000.

Associated Truss Company: *See—*

Douthit, C. Staton; and Kirby, Edward R., 4,522,547, Cl. 414-391.000.

Kirby, Edward R., 4,514,901, Cl. 29-822.000.

- Associates Group Partners, The: *See—*
  - Loechner, John T.; Kruger, Kurt J.; Nottingham, John R.; and Golembek, Joe M., 4,561,416, Cl. 126-21.00A.
- Association pour la Recherche et le Develloppement des Methodes et Processus Industriels: *See—*
  - Di Benedetto, Dominique; and Marchand, Jean-Claude, 4,531,398, Cl. 73-1.00G.
- Association pour la Recherche et le Developpement des Methodes et Processus Industriels: *See—*
  - Richon, Dominique; and Renon, Henri, 4,524,611, Cl. 73-59.000.
  - Yvan, Schwob, 4,553,978, Cl. 44-1.00E.
- Association pour la Recherche et le Developpemente des Methods et Processus Industriels: *See—*
  - Collot, Jean, 4,510,987, Cl. 164-71.100.
- Assony, Edward M.: *See—*
  - Bargiel, Douglas A.; Assony, Edward M.; Ha, Truong M.; and Rosseau, Richard B., 4,525,888, Cl. 15-83.000.
  - Kazmierczak, Walter; and Assony, Edward M., 4,553,626, Cl. 180-307.000.
- Assut S.A.: *See—*
  - Bichon, Daniel, 4,506,672, Cl. 128-335.500.
- Asszonyi, Csaba; Klausz, Istvan; Kmety, Istvan; Meitzen, Nandor; and Pasztor, Rezso, to Magyar Szenbanyaszati Troszt. Process and arrangement for the support of underground cavity systems by an efficient safety casing wall. 4,505,622, 3-19-85, Cl. 405-288.000.
- Ast, Dale A., to Harper, Truck, Inc. Combination stepladder and hand truck apparatus. 4,494,626, 1-22-85, Cl. 182-20.000.
- Ast, Dieter G., to Cornell Research Foundation, Inc. Method of making strips of metallic glasses having uniformly distributed embedded particulate matter. 4,523,625, 6-18-85, Cl. 164-461.000.
- Astec Components, Ltd.: *See—*
  - Josephson, Elliot, 4,513,226, Cl. 315-219.000.
- Astec Europe Limited: *See—*
  - Patel, Dahyabhai C., 4,542,450, Cl. 363-23.000.
- Astech, Inc.: *See—*
  - Brown, William M.; and Dunn, Robert T., 4,495,386, Cl. 179-2.510.
  - Brown, William M.; and Lindquist, James R., 4,514,594, Cl. 179-2.510.
  - Brown, William M.; and Lindquist, James R., 4,527,307, Cl. 370-30.000.
- Asten Group, Inc.: *See—*
  - Finn, William A.; and Searfass, Harry I., 4,528,236, Cl. 428-222.000.
- Astero, Ulf J., to Optik Innovation AB OIAB. Optical system for projection. 4,537,474, 8-27-85, Cl. 350-432.000.
- Astfalk, Greg; Dougherty, Timothy S.; and Viriyayuthakorn, Montri, to AT&T Technologies, Inc. Methods of and apparatus for insulating a conductor with a plastic material. 4,512,944, 4-23-85, Cl. 264-174.000.
- Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, to Legrand. Floating core transmission member for ultrasonic assistance. 4,500,272, 2-19-85, Cl. 425-78.000.
- Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, to Legrand. Vibration-aided feed device for a molding apparatus. 4,500,280, 2-19-85, Cl. 425-569.000.
- Astolfi, Pietro, to Pico-Glass S.p.A. Clip for portrait frames and the like. 4,509,278, 4-9-85, Cl. 40-156.000.
- Aston, Geoffrey W.; Smith, Susan; Chapman, Paul; and Barker, Howard A., to Redland Technology Limited. Boards. 4,551,384, 11-5-85, Cl. 428-312.600.
- Astor-Werk, Otto Berning & Co.: *See—*
  - Kuhn, Elmar, 4,522,677, Cl. 156-467.000.
- Astoria Fibra-Steel, Inc.: *See—*
  - Jenkins, Donald, 4,554,764, Cl. 49-501.000.
- Astorino, Michael P.: *See—*
  - Adorjan, Jon M.; Kobiske, Michael H.; and Astorino, Michael P., 4,521,002, Cl. 267-8.00R.
- Astra Lakemedel Aktiebolag: *See—*
  - Broberg, Berndt F. J.; and Evers, Hans C. A., 4,529,601, Cl. 514-626.000.
  - Broberg, Berndt F. J.; and Evers, Hans C. A., 4,562,060, Cl. 424-28.000.
  - Hagberg, Curt-Erik; Johansson, Karl N.; Kovacs, Zsuzsanna M. I.; and Stening, Goran B., 4,495,190, Cl. 514-262.000.
  - Helgstrand, Ake J. E.; Johansson, Karl N. G.; Misiorny, Alfons; Noren, Jan O.; and Stening, Goran B., 4,536,400, Cl. 514-120.000.
- Astra Meditec Aktiebolag: *See—*
  - Wellenstam, Kjell I., 4,528,982, Cl. 128-303.00R.
- Astro-Stream Corporation, The: *See—*
  - Cymbler, Murray J., 4,537,405, Cl. 273-428.000.
- Astrolab Inc.: *See—*
  - Dery, Normand; and Boudreau, Jean-Louis, 4,552,611, Cl. 156-391.000.
- Astrom, Erik G.: *See—*
  - Borup, Alf L.; and Astrom, Erik G., 4,520,901, Cl. 184-3.100.
- Astrom, Gordon L.: *See—*
  - Johnson, John K.; Earhart, Jack R.; Astrom, Gordon L.; and Herbig, Mark A., 4,540,487, Cl. 210-264.000.
- Astrom, Ingemar, to Gotaverken Energy Systems AB. Apparatus for the combustion of carbonaceous material. 4,546,709, 10-15-85, Cl. 110-216.000.
- Astrom, Karl J.: *See—*
  - Hagglund, Tore; and Astrom, Karl J., 4,549,123, Cl. 318-610.000.
- Asturias, Carlos E. R. Ethanol production from fermentation of sugar cane. 4,560,659, 12-24-85, Cl. 435-162.000.
- Asuag-SSIH: *See—*
  - Ray, Claude; and Schaeren, Walter, 4,545,688, Cl. 368-291.000.
- Asulab S.A.: *See—*
  - Dinger, Rudolf, 4,498,344, Cl. 73-778.000.
  - Dinger, Rudolf, 4,507,970, Cl. 73-702.000.
  - Dinger, Rudolf; Michel, Jean-Georges; and Leuenberger, Claude-Eric, 4,537,515, Cl. 368-202.000.
  - Gharadjedaghi, Fereydoun; and Guyenet, Jean-Francois, 4,545,649, Cl. 350-356.000.
  - Monbaron, Jean-Jacques; and Bui, Ngoc C., 4,509,133, Cl. 364-513.500.
  - Rusznyak, Andreas, 4,492,932, Cl. 330-300.000.
  - Schneiter, Ali; Fluckiger, Jean-Frederic; and Curchod, Anne, 4,504,703, Cl. 179-102.000.
  - Wattenhofer, Jean-Pierre, 4,539,694, Cl. 377-42.000.
- Aszlanyi, Jozsef: *See—*
  - Hegedus, Bela; Balint, Sandor; Hudak, Janos; Barta, Gyorgy; and Aszlanyi, Jozsef, 4,555,858, Cl. 34-25.000.
- Aszman, Harry W.; Buck, Charles E.; and Everhart, Cherie H., to Colgate-Palmolive Company. Acidic liquid detergent composition for cleaning ceramic tiles without eroding grout. 4,501,680, 2-26-85, Cl. 252-142.000.
- AT&T Bell Laboratories: *See—*
  - Abys, Joseph A.; and Okinaka, Yutaka, 4,493,754, Cl. 204-47.000.
  - Abys, Joseph A.; and Okinaka, Yutaka, 4,512,963, Cl. 423-387.000.
  - Acampora, Anthony, 4,495,619, Cl. 370-104.000.
  - Ackland, Bryan D.; Burr, David J.; and Weste, Neil H. E., 4,509,187, Cl. 381-43.000.
  - Adl, Ali; and Backus, William D., 4,507,008, Cl. 403-275.000.
  - Agrawal, Vishwani D.; and Mercer, Melvin R., 4,493,077, Cl. 371-25.000.
  - Ahiskali, Serhat M., 4,536,826, Cl. 361-407.000.
  - Ahuja, Sudhir R., 4,514,728, Cl. 340-825.500.
  - Albanese, Andres, 4,514,843, Cl. 370-93.000.
  - Alferness, Rodney C., 4,533,207, Cl. 350-96.140.
  - Alferness, Rodney C.; Korotky, Steven K.; and Marcatili, Enrique A. J., 4,553,810, Cl. 350-96.140.
  - Alles, Harold G.; and Kubik, Peter S., 4,542,375, Cl. 340-712.000.
  - Allyn, Christopher L.; Flahive, Peter G.; Iglesias, David E.; Schlosser, Wolfgang O. W.; and Wemple, Stuart H., 4,498,093, Cl. 357-22.000.
  - Anctil, Stephen N.; Gleason, Robert F.; Hadfield, Don A.; Logan, John S. B., Jr.; and Richardson, Alfred G., 4,538,881, Cl. 350-96.230.
  - Anders, James V.; Anderson, Thomas W.; Geiger, Daniel D.; and Turnpaugh, George F., 4,551,670, Cl. 323-281.000.
  - Andersen, Brad E.; Hamilton, Billy H.; and Schroeder, Robert E., 4,562,548, Cl. 364-483.000.
  - Anderson, Jerry M., 4,541,685, Cl. 350-96.210.
  - Anderson, Thomas W.; Milczarek, Richard J.; and Peters, Carl H., 4,545,043, Cl. 369-32.000.
  - Anderson, William T., 4,552,578, Cl. 65-29.000.
  - Andersson, Russell L., 4,550,432, Cl. 382-1.000.
  - Anthony, Philip J.; Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, 4,539,743, Cl. 29-576.00B.
  - Archer, Wendel E.; Luther, James M.; and Thieken, Michael L., 4,512,627, Cl. 350-96.200.
  - Arroyo, Candido J.; Cogelia, Nicholas J.; and Darsey, Ralph J., 4,510,348, Cl. 174-121.00A.
  - Ashkin, Arthur; Dziedzic, Joseph M.; Simpson, Jay R.; and Stolen, Rogers H., 4,529,262, Cl. 350-96.150.
  - Aspnes, David E., 4,492,466, Cl. 356-334.000.
  - Austin, Stewart S.; Baldini, Joseph J., III; Jakubson, Joel E.; and Ryan, Clarke S., 4,507,783, Cl. 371-49.000.
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
  - Baker, Gregory L.; and Bates, Frank S., 4,525,538, Cl. 525-275.000.
  - Baker, Paul A.; and Strautz, Michael G., 4,511,201, Cl. 339-75.0MP.
  - Bantel, Richard G.; and Herr, Diane E., 4,509,167, Cl. 370-62.000.
  - Banu, Mihai; and Tsividis, Yannis, 4,509,019, Cl. 330-107.000.
  - Banu, Mihai, 4,518,870, Cl. 307-356.000.
  - Baranyai, Lawrence; and Colton, John R., 4,499,577, Cl. 370-62.000.
  - Barns, Robert L.; and Pearson, Arthur D., 4,526,599, Cl. 65-3.120.
  - Basarath, Brian A.; and Kakalec, Robert J., 4,536,715, Cl. 330-2.000.
  - Baumhauer, John C., Jr.; Hershey, Harold J.; and Poteat, Tommy L., 4,533,795, Cl. 179-111.00E.
  - Baxter, Leslie A.; and Brown, Sanford S., 4,535,448, Cl. 370-85.000.
  - Beale, Richard G.; and Ganesan, Apparajan, 4,544,878, Cl. 323-315.000.
  - Bean, John C.; Chiu, Kin-Chung R.; and Poate, John M., 4,492,971, Cl. 357-15.000.
  - Bean, John C.; Kastalsky, Alexander; and Luryi, Sergey, 4,514,748, Cl. 357-58.000.
  - Bean, John C.; Feldman, Leonard C.; and Fiory, Anthony T., 4,529,455, Cl. 148-175.000.
  - Bean, John C.; Chiu, Kin-Chung R.; and Poate, John M., 4,554,045, Cl. 156-613.000.
  - Beckner, Mark W.; and Starr, Thomas J. J., 4,542,380, Cl. 340-825.500.
  - Beecher, Robert L., II, 4,531,176, Cl. 361-424.000.
  - Bell, Steve W.; and Embree, Milton L., 4,492,824, Cl. 179-81.00B.
  - Bellisio, Jules A.; and Larsen, Arthur B., 4,491,953, Cl. 375-27.000.

Beni, Gerardo; Hackwood, Susan; and Hornak, Lawrence A., 4,541,771, Cl. 414-730.000.
Beni, Gerardo; Bridges, Thomas J.; Hackwood, Susan; and Lin, Chinlon, 4,545,713, Cl. 414-1.000.
Bennett, Joseph M.; Gordon, Alan M.; Silverio, Vincent J.; and Zydney, Herbert M., 4,506,346, Cl. 364-900.000.
Berenbaum, Alan D.; Jagannathan, Anand; Molinelli, John J.; and Pekarich, Steven P., 4,562,538, Cl. 364-200.000.
Bergmann, Ernest E., 4,492,436, Cl. 350-395.000.
Berkstresser, George W.; Huo, Tai-Chan D.; and Shmulovich, Joseph, 4,550,256, Cl. 250-483.100.
Bernstein, Lawrence, 4,555,774, Cl. 364-900.000.
Berreman, Dwight W.; and Heffner, William R., 4,505,548, Cl. 350-346.000.
Berreman, Dwight W.; Heffner, William R.; and Kmetz, Allan R., 4,529,271, Cl. 350-333.000.
Bertocci, Guido; and Walters, Stephen M., 4,519,073, Cl. 370-118.000.
Bjorkholm, John E., 4,518,456, Cl. 156-626.000.
Blank, Stuart L.; and Gordon, Eugene I., 4,514,756, Cl. 358-66.000.
Blood, Mark L.; Darnell, Joseph W.; Fergeson, Allen D.; and Rouse, David M., 4,554,659, Cl. 370-88.000.
Boddie, James R.; and Thompson, John S., 4,539,635, Cl. 364-200.000.
Boettcher, Charles W., Jr.; Hamilton, Billy H.; Slak, William M.; and Zweig, Walter L., 4,520,437, Cl. 363-41.000.
Bohannon, William D., Jr.; Collins, Roy P.; Kinard, Michael D.; and Weinraub, William C. L., 4,557,560, Cl. 350-96.230.
Boie, Robert A.; and Miller, Gabriel L., 4,526,043, Cl. 73-862.040.
Boivie, Richard H., 4,525,860, Cl. 382-21.000.
Bonyhard, Peter I., 4,530,071, Cl. 365-15.000.
Bordelon, Chester M.; Chin, Gilbert Y.; Jin, Sungho; Sherwood, Richard C.; and Wernick, Jack H., 4,540,453, Cl. 148-31.550.
Bosch, Fridolin L.; and Swan, Clarence B., 4,539,686, Cl. 372-26.000.
Bosch, Martin A.; and Lemons, Ross A., 4,509,145, Cl. 365-112.000.
Boyer, Kim L., 4,554,417, Cl. 179-170.200.
Brahm, David J.; Grinn, James M.; Hepler, Edward L.; and Sullivan, John M., 4,494,193, Cl. 364-200.000.
Briley, Bruce E.; and Hiltner, Jeffrey A., 4,535,360, Cl. 358-181.000.
Brown, Earl F., 4,494,144, Cl. 358-133.000.
Brown, James M.; and Kemper, Kyran B., 4,516,070, Cl. 324-117.00R.
Brown, James M., 4,517,513, Cl. 324-117.00R.
Brown, John F.; and Stanton, Robert M., 4,503,090, Cl. 427-96.000.
Brown, Michael K.; and Rabiner, Lawrence R., 4,519,094, Cl. 381-43.000.
Brzezinski, Alex M.; Hershey, Harold J.; and Whitesell, Stephen R., 4,492,825, Cl. 179-111.00R.
Budrikis, Zigmantas L.; and Netravali, Arun N., 4,554,656, Cl. 370-85.000.
Bulley, Raymond M., 4,543,524, Cl. 324-52.000.
Burrus, Charles A., Jr.; and Stone, Julian, 4,515,612, Cl. 65-3.120.
Burrus, Charles A., Jr.; and Lin, Chinlon, 4,528,670, Cl. 372-44.000.
Bursh, Talmage P., Jr.; Davis, Dean I.; Slominski, John T.; and Swartz, Raymond K., 4,510,346, Cl. 174-36.000.
Burton, William H.; and Snow, William E., 4,505,035, Cl. 29-843.000.
Busch-Vishniac, Ilene J.; Lindenberger, W. Stewart; Lynch, William T.; and Poteat, Tommy L., 4,558,184, Cl. 179-111.00R.
Camlibel, Irfan; Guggenheim, Howard J.; Singh, Shobha; Van Uitert, LeGrand G.; and Zydzik, George J., 4,502,898, Cl. 148-188.000.
Camlibel, Irfan; and Chin, Aland K., 4,510,514, Cl. 357-17.000.
Camlibel, Irfan; Chin, Aland K.; Chin, Brymer H.; and Zipfel, Christie L., 4,538,342, Cl. 29-569.00L.
Candy, James C.; and King, Bernard G., 4,491,982, Cl. 455-607.000.
Carlin, James W., 4,525,716, Cl. 343-381.000.
Carlin, James W., 4,535,476, Cl. 455-63.000.
Carlson, Eric R.; and Schneider, Martin V., 4,521,755, Cl. 333-244.000.
Carlson, Eric R., 4,556,841, Cl. 324-73.00R.
Cava, Robert J.; and Murphy, Donald W., 4,542,083, Cl. 429-218.000.
Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.
Celler, George K., Lischner, David J.; and Robinson, McDonald, 4,494,303, Cl. 29-576.00W.
Celler, George K.; and Robinson, McDonald, 4,497,683, Cl. 156-603.000.
Chan, Dominic K.; Lee, Kwok P.; and Martin, Ronald B., 4,556,972, Cl. 370-60.000.
Chandross, Edwin A.; Reichmanis, Elsa; and Wilkins, Cletus W., Jr., 4,551,416, Cl. 430-311.000.
Chang, Shih-Jeh, 4,500,985, Cl. 370-14.000.
Chang, Shih-Jeh, 4,543,651, Cl. 370-16.000.
Chapin, John T.; and Sabia, Raffaele A., 4,507,362, Cl. 428-383.000.
Chemla, Daniel S.; Damen, Theodoor C.; Gossard, Arthur C.; Miller, David A. B.; and Wood, Thomas H., 4,525,687, Cl. 332-7.510.
Chemla, Daniel S.; Miller, David A. B.; and Smith, Peter W., 4,528,464, Cl. 307-425.000.
Chemla, Daniel S., 4,549,788, Cl. 350-354.000.
Chen, Chung Y.; and Cho, Alfred Y., 4,553,155, Cl. 357-30.000.
Ching, Yau-Chau; and Tomcik, James D., 4,516,258, Cl. 381-31.000.
Cho, Alfred Y.; Glance, Bernard; Lubzens, Daniel; and Schneider, Martin V., 4,534,103, Cl. 29-571.000.
Chodrow, Mark M.; Sander, Bernard T., Jr.; Sharpless, Charles H.; and Theriot, Eugene J., 4,550,404, Cl. 370-110.100.
Christmas, Walter P.; and Sanders, Bruce W., 4,546,468, Cl. 370-54.000.
Cohen, Karen L., 4,527,267, Cl. 370-60.000.
Colbert, Raymond O.; and Hellman, Bengt H., 4,492,876, Cl. 307-66.000.
Coleman, Charles L.; and Rubin, Harvey, 4,562,436, Cl. 340-825.000.
Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,529,839, Cl. 179-2.0TS.
Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,529,840, Cl. 179-2.0TS.
Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,531,024, Cl. 179-2.0TS.
Conway, John H.; and Sloane, Neil J. A., 4,507,648, Cl. 340-347.0DD.
Cook, Joel M.; Donnelly, Vincent M.; Flamm, Daniel L.; Ibbotson, Dale E.; and Mucha, John A., 4,498,953, Cl. 156-646.000.
Cook, Joel M.; Flamm, Daniel L.; Mayer, Edward H.; and Seiler, Bernard C., 4,554,047, Cl. 156-643.000.
Copeland, John A.; and Miller, Stewart E., 4,533,833, Cl. 250-551.000.
Costello, Peter E.; Fossett, Lawrence D.; Lane, Michael S.; Quin, Terrence T.; and Smith, Nicholas K., 4,510,351, Cl. 179-27.00D.
Cox, Donald C., 4,513,412, Cl. 370-29.000.
Cox, Richard V.; and Jayant, Nuggehally S., 4,551,580, Cl. 179-1.50S.
Crockett, Gary B., 4,530,091, Cl. 370-60.000.
Curtis, Hazen, III, 4,556,276, Cl. 339-258.00R.
Curtis, Lyn; and Young, William C 4,519,671, Cl. 350-96.150.
Cuthbert, John D.; and Soos, Nicholas A., 4,510,176, Cl. 427-82.000.
Damen, Theodoor C.; Duguay, Michael A.; Howard, Richard E.; Jackel, Lawrence D.; and Skocpol, William J., 4,550,249, Cl. 250-201.000.
DasGupta, Sujan; and Purvis, Merton B., 4,509,098, Cl. 361-398.000.
Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., 4,539,552, Cl. 340-347.0DA.
Dean, Robert E.; and Dein, Edward A., 4,529,353, Cl. 414-786.000.
DeBalko, George A., 4,529,847, Cl. 179-175.30F.
DeBruler, Dennis L., 4,539,637, Cl. 364-200.000.
Debus, Walter, Jr.; and Siller, Curtis H., 4,550,415, Cl. 375-14.000.
Decker, George A., Jr., 4,557,556, Cl. 350-96.210.
DeVeau, George F., Jr.; and Miller, Calvin M., 4,544,234, Cl. 350-96.210.
DeVeau, George F., Jr.; and Miller, Calvin M., 4,545,644, Cl. 350-96.210.
Dick, George W., 4,554,537, Cl. 340-775.000.
Dixon, Richard W.; Joyce, William B.; Koszi, Louis A.; Miller, Richard C.; and Schwartz, Bertram, 4,514,896, Cl. 29-576.00B.
Dollard, Peter M.; and Turin, William, 4,521,886, Cl. 371-43.000.
Dombrowski, Leonard C., 4,511,859, Cl. 331-11.000.
Doughty, Carolyn A., 4,551,581, Cl. 179-2.00A.
Dragone, Corrado, 4,491,848, Cl. 343-781.00P.
Dragone, Corrado, 4,503,435, Cl. 343-781.00P.
Dragone, Corrado, 4,516,130, Cl. 343-781.00P.
Dragone, Corrado, 4,533,919, Cl. 343-786.000.
Drexler, Leonard H.; Flynn, Richard M.; Fox, George R.; Illium, Herbert C., Jr.; and O'Connor, Robert J., 4,518,830, Cl. 179-103.000.
Dubois, Lawrence H.; and Nuzzo, Ralph G., 4,507,401, Cl. 502-242.000.
Dumbri, Austin C.; and Procyk, Frank J., 4,494,220, Cl. 365-200.000.
Dumbri, Austin C., 4,529,889, Cl. 307-269.000.
Dumbri, Austin C.; and Procyk, Frank J., 4,541,078, Cl. 365-230.000.
Duttweiler, Donald L.; and Zebo, Timothy J., 4,491,701, Cl. 179-170.200.
Duttweiler, Donald L., 4,562,312, Cl. 179-170.200.
Dwarakanath, Mirmira R., 4,495,472, Cl. 330-277.000.
Dyer, Christopher K., 4,540,476, Cl. 204-96.000.
Ehrenbard, Christine H.; and Gottfried, Noah L., 4,494,242, Cl. 375-118.000.
Eizenberg, Moshe; and Murarka, Shyam P., 4,502,209, Cl. 29-589.000.
Embree, David M.; Goldthorp, David C.; Longenecker, Howard H.; and Vogelpohl, David R., 4,491,691, Cl. 179-84.00T.
Eng, Wing K., 4,524,412, Cl. 363-56.000.
Falconer, David D., 4,535,206, Cl. 179-170.200.
Farah, Robert L.; and Walters, Stephen M., 4,516,241, Cl. 370-110.100.
Farah, Robert L., 4,536,741, Cl. 340-347.0DD.
Farquharson, Robert J.; and Gerns, Stanton T., 4,557,411, Cl. 228-56.300.
Federico, Joseph; and Waaben, Sigurd G., 4,519,024, Cl. 363-127.000.
Finegan, Sean N.; McFee, James H.; and Swartz, Robert G., 4,492,852, Cl. 219-405.000.

Flanagan, James L.; and Kubli, Robert A., 4,555,598, Cl. 179-121.00D.
Fleischer, Paul E.; Ganesan, Apparajan; and Laker, Kenneth R., 4,492,935, Cl. 331-135.000.
Flores, Christopher; Gopinath, Bhaskarpillai; and Limb, John O., 4,532,626, Cl. 370-85.000.
Forrest, Stephen R.; and Panock, Richard L., 4,493,113, Cl. 455-606.000.
Forrest, Stephen R.; Kaplan, Martin L.; Schmidt, Paul H.; and Venkatesan, Thirumalai N. C., 4,511,445, Cl. 204-158.0HE.
Fortino, Placido S.; Haas, Laird K. S.; Hong, Siu-Ping; Lo, Wing C.; and Neupauer, Edward J., 4,558,390, Cl. 361-119.000.
Fowler, Glenn D.; Shannon, Patrick A.; Stout, Ronald L.; and Yao, Jean, 4,502,116, Cl. 364-200.000.
Frank, Amalie J., 4,491,947, Cl. 370-94.000.
Frank, Amalie J., 4,499,551, Cl. 364-717.000.
Fraser, Alexander G., 4,499,576, Cl. 370-60.000.
Fraser, Alexander G., 4,507,760, Cl. 365-221.000.
Fraser, Alexander G., 4,513,411, Cl. 370-13.000.
Freeman, Martin; and Levy, Leon S., 4,550,436, Cl. 382-34.000.
French, William G., 4,529,427, Cl. 65-3.120.
Freyman, Ronald L.; and Rotblum, Yehuda, 4,546,276, Cl. 307-578.000.
Frick, Kenneth L., 4,523,183, Cl. 340-507.000.
Friedes, Albert; Greene, Thomas V.; Idenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., 4,555,594, Cl. 179-18.00B.
Frye, Robert C.; Griffith, Joseph E.; and Wong, Yiu H., 4,501,060, Cl. 29-576.00W.
Fulcomer, Emanuel J., Jr., 4,528,681, Cl. 377-16.000.
Gallaher, Lee E.; Toy, Wing N.; and Zee, Benjamin, 4,504,902, Cl. 364-200.000.
Gannett, Joel W., 4,551,838, Cl. 371-25.000.
Gardner, William B.; Patel, Parbhubhai D.; Philen, Dan L.; and Santana, Manuel R., 4,555,175, Cl. 356-32.000.
Giacopelli, James N.; McElroy, James D.; and Taylor, Thomas M., 4,539,437, Cl. 179-18.0ES.
Gibson, John M.; Jacobson, Dale C.; Poate, John M.; and Tung, Raymond T., 4,555,301, Cl. 156-617.00R.
Giger, Adolf J., 4,495,648, Cl. 455-73.000.
Glance, Bernard; and Greenstein, Lawrence J., 4,510,595, Cl. 370-32.000.
Glass, Alastair M.; Johnson, Anthony M.; and Liao, Paul F., 4,555,622, Cl. 250-211.00J.
Glass, Alastair M.; and Liao, Paul F., 4,556,790, Cl. 250-211.00J.
Gleason, Robert F.; and McLay, John, 4,557,557, Cl. 350-96.210.
Goodby, John W.; Leslie, Thomas M.; and Patel, Jayantilal S., 4,561,726, Cl. 350-341.000.
Gordon, Eugene I.; and Levy, Uri, 4,539,687, Cl. 372-43.000.
Gordon, Eugene I., 4,558,449, Cl. 372-44.000.
Gray, Michael A., 4,501,935, Cl. 179-175.000.
Green, Donald R., Jr.; and Stevens, Charles O., II, 4,506,231, Cl. 330-129.000.
Green, Donald R., Jr.; and Moffatt, James P., 4,532,477, Cl. 330-149.000.
Greenstein, Lawrence J.; and Yeh, Yu S., 4,512,034, Cl. 455-139.000.
Grieco, Michael J.; and Hale, Laura P., 4,532,005, Cl. 156-661.100.
Grosch, James T., 4,558,272, Cl. 323-315.000.
Gulati, Surender K.; and Schneider, Clayton E., Jr., 4,506,165, Cl. 307-272.00A.
Gulati, Surender K., 4,513,432, Cl. 377-121.000.
Hafer, Edward H., 4,530,092, Cl. 370-66.000.
Hallock, Gary W., 4,531,154, Cl. 358-148.000.
Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, 4,504,952, Cl. 372-45.000.
Hartman, Robert L.; Koszi, Louis A.; Williams, Richard S.; and Zilko, John L., 4,523,961, Cl. 148-1.500.
Hasegawa, Akira; and Kodama, Yuji, 4,558,921, Cl. 350-96.290.
Haskell, Barin G., 4,535,352, Cl. 358-16.000.
Henry, Charles H.; and Logan, Ralph A., 4,536,940, Cl. 29-569.00L.
Herr, Diane E.; Suk, Laddie E.; and Winchell, David F., 4,540,850, Cl. 179-2.0DP.
Herr, Diane E.; Suk, Laddie E.; and Winchell, David F., 4,544,804, Cl. 179-18.0BC.
Hill, Dwight D., 4,542,456, Cl. 364-200.000.
Hillenius, Steven J.; and Parrillo, Louis C., 4,554,726, Cl. 29-571.000.
Hoffmaster, Timothy D., 4,549,807, Cl. 356-318.000.
Howard, Richard E.; Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,515,436, Cl. 350-96.330.
Huang, Alan, 4,499,555, Cl. 364-900.000.
Huang, Alan; and Knauer, Scott C., 4,516,238, Cl. 370-60.000.
Huang, Alan; and Knauer, Scott C., 4,542,497, Cl. 370-60.000.
Hudson, Robert C.; MacPherson, William F.; and Sharpless, Charles H., 4,499,532, Cl. 363-21.000.
Hwang, James C., 4,493,142, Cl. 29-575.000.
Hwang, James C., 4,514,250, Cl. 156-610.000.
Hwang, Jong-Yeong H.; Thayer, Stevan J.; and Zimmer, Bonnie A., 4,498,186, Cl. 375-7.000.
Jarvis, John F.; Swartz, Robert G.; and Wooley, Bruce A., 4,539,554, Cl. 345-365.00A.
Jayant, Nuggehally S., 4,513,426, Cl. 375-26.000.
Jin, Sungho; and Tiefel, Thomas H., 4,536,229, Cl. 148-31.550.
Johannes, Virgil I., 4,504,944, Cl. 370-84.000.
Johnson, Arlen K., 4,523,162, Cl. 333-202.000.
Johnson, David W., Jr.; and Robbins, Murray, 4,531,110, Cl. 338-22.00R.
Johnson, James M., Jr., 4,510,594, Cl. 370-15.000.
Johnson, Jerry W.; and Leung, Wu-Hon F., 4,530,051, Cl. 364-200.000.
Johnson, Richard A.; and Mattes, Hans G., 4,504,922, Cl. 364-557.000.
Kemper, Kyran B.; and Rubin, Harvey, 4,525,789, Cl. 364-481.000.
Kemper, Kyran B., 4,536,706, Cl. 324-117.00R.
Keramidas, Vassilis G.; and Lourenco, Jose A., 4,500,367, Cl. 148-171.000.
Kim, Suk K.; and Meleis, Hanafy E. S., 4,558,239, Cl. 307-494.000.
Kinsbron, Eliezer; Lynch, William T.; and Smith, Thomas E., 4,514,893, Cl. 29-571.000.
Kmetz, Allan R., 4,506,955, Cl. 350-336.000.
Knauer, Scott C., 4,531,209, Cl. 370-56.000.
Ko, Ping K., 4,532,697, Cl. 29-571.000.
Kosinski, Sandra G.; Lemaire, Paul J.; and O'Connor, Paul B., 4,504,297, Cl. 65-3.110.
Lancaster, Loren T., 4,[illegible], Cl. 29-576.00B.
Langseth, Rollin E., 4,519,0[illegible], Cl. 375-14.000.
Lee, Edward A.; and Shaw, David G., 4,523,311, Cl. 370-69.100.
Lehman, Harvey R.; and [illegible]ana, Matthew F., 4,547,877, Cl. 370-58.000.
Leveille, Michael A.; and Walker, Charles F., 4,499,455, Cl. 340-531.000.
Levinson, Frank H.; and Limb, John O., 4,542,502, Cl. 370-88.000.
Levinson, Frank H.; and Schweizer, Rudolph C., 4,550,975, Cl. 350-96.180.
Levinstein, Hyman J.; Murarka, Shyam P.; and Williams, David S., 4,522,842, Cl. 427-8.000.
Levinstein, Hyman J.; and Vaidya, Sheila, 4,555,842, Cl. 29-571.000.
Levy, Alvin C., 4,492,428, Cl. 350-96.300.
Levy, Jacqueline S.; Medhekar, Ranjana A.; and Winchell, David F., 4,529,842, Cl. 179-18.0BC.
Lindenberger, W. Stewart; Poteat, Tommy L.; and West, James E., 4,524,247, Cl. 179-111.00R.
Lisco, Richard J., 4,500,844, Cl. 330-10.000.
Logan, Shawn M., 4,518,921, Cl. 328-151.000.
LoPinto, Frank J., 4,549,308, Cl. 455-26.000.
Lucas, James A., 4,539,676, Cl. 370-60.000.
Luther, Lars C.; and Rana, Virendra V. S., 4,544,438, Cl. 156-624.000.
MacChesney, John B.; and O'Connor, Paul B., 4,504,299, Cl. 65-3.120.
Macklin, John J.; Silfvast, William T.; and Wood, Obert R., II, 4,498,182, Cl. 372-62.000.
Macklin, John J.; Silfvast, William T.; and Wood, Obert R., II, 4,504,955, Cl. 372-76.000.
Madden, James J., 4,506,938, Cl. 339-17.0CF.
Madden, James J., 4,540,229, Cl. 339-75.00M.
Maher, David P.; and Rance, Robert J., 4,545,024, Cl. 364-717.000.
Mammel, Lewis H.; and Shakespeare, Walter J., 4,534,776, Cl. 55-136.000.
Manocha, Ajit S., 4,554,048, Cl. 156-643.000.
Manzione, Louis T., 4,534,003, Cl. 364-476.000.
Marcuse, Dietrich; and Presby, Herman M., 4,492,463, Cl. 356-73.100.
Marouf, Mohamed A.; and Vancil, Paul W., 4,499,578, Cl. 370-62.000.
Martin, Gary D., 4,494,239, Cl. 375-39.000.
Martinez, Maria N., 4,498,146, Cl. 364-900.000.
Massey, John R., 4,558,174, Cl. 174-92.000.
Massey, Richard P.; and Rowe, Purnell E., 4,558,229, Cl. 307-17.000.
Matthews, Paul G., 4,541,056, Cl. 364-300.000.
Maxemchuk, Nicholas F., 4,516,239, Cl. 370-85.000.
Maxemchuk, Nicholas F.; and Netravali, Arun N., 4,534,024, Cl. 370-85.000.
McCune, Robert F., 4,495,494, Cl. 340-825.060.
Mendell, Harry B., 4,519,032, Cl. 364-200.000.
Miller, Anton J., 4,530,139, Cl. 29-25.350.
Miller, David A. B., 4,546,244, Cl. 250-211.00J.
Miller, Gabriel L., 4,551,674, Cl. 324-158.00R.
Miller, Hubert A., 4,501,003, Cl. 375-94.000.
Miller, Stewart E., 4,549,782, Cl. 350-96.160.
Minford, William J.; Murphy, Edmond J.; and Rice, Trudie C., 4,554,050, Cl. 156-664.000.
Montgomery, Warren A., 4,506,358, Cl. 370-60.000.
Moul, Robert A.; and Thelen, William, 4,542,504, Cl. 370-100.000.
Moyer, Harold W., 4,504,427, Cl. 264-25.000.
Mussmann, Richard F., 4,554,530, Cl. 340-365.00S.
Nash, Randy D.; and Wong, Wai C., 4,512,013, Cl. 370-69.100.
Nash, Randy D., 4,555,591, Cl. 178-22.130.
Ng, Sau-Lan L.; Plewes, John T.; and Robbins, Murray, 4,518,469, Cl. 204-44.500.
Ngo, Peter D. T., 4,513,281, Cl. 340-703.000.
Oh, Kye H., 4,549,914, Cl. 148-187.000.
Ohm, Edward A., 4,535,338, Cl. 343-781.0CA.
Orsic, Milo, 4,521,880, Cl. 370-68.000.
Orsic, Milo, 4,524,440, Cl. 370-54.000.
Pamiello, Gani, 4,495,515, Cl. 357-81.000.
Patel, Chandra K. N.; and Shaw, Earl D., 4,529,942, Cl. 330-4.300.
Perry, Michael W., 4,528,615, Cl. 361-386.000.
Peterson, Donald W., 4,535,455, Cl. 371-13.000.

Peterson, Thomas A., 4,538,224, Cl. 364-200.000.
Peterson, William A.; and Sines, John C., 4,498,128, Cl. 363-21.000.
Peterson, William A., 4,521,739, Cl. 330-257.000.
Petr, David W., 4,518,950, Cl. 340-347.0DD.
Phelan, James J., 4,497,979, Cl. 179-18.00D.
Pike, Robert C., 4,555,775, Cl. 364-900.000.
Pilukaitis, Raymond W.; and Wilson, Thomas G., Jr., 4,504,898, Cl. 363-49.000.
Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,529,426, Cl. 65-3.110.
Prezas, Dimitrios P., 4,561,102, Cl. 381-49.000.
Procyk, Frank J., 4,542,483, Cl. 365-190.000.
Rahim, Chowdhury F., 4,533,877, Cl. 330-253.000.
Rainal, Attilio J., 4,498,122, Cl. 361-414.000.
Ray, Richard C., 4,516,214, Cl. 364-483.000.
Ray, Richard C., 4,536,696, Cl. 320-21.000.
Reddington, Thomas B., 4,554,631, Cl. 364-300.000.
Reichmanis, Elsa; and Wilkins, Cletus W., Jr., 4,521,274, Cl. 156-643.000.
Ren, Chung-Li; Thompson, Matthew V.; and Wang, Han-Chiu, 4,500,859, Cl. 333-208.000.
Reudink, Douglas O., 4,498,173, Cl. 371-30.000.
Robinson, William V., Jr.; and Shively, Richard R., 4,559,609, Cl. 364-784.000.
Ross, David G., 4,540,950, Cl. 330-267.000.
Rubin, Harvey, 4,525,795, Cl. 364-721.000.
Rubin, Harvey, 4,539,652, Cl. 364-900.000.
Rubin, Harvey, 4,554,642, Cl. 364-724.000.
Runge, Peter K., 4,512,630, Cl. 350-96.210.
Rutledge, Donald R., 4,503,676, Cl. 60-527.000.
Ryan, Clarke S., 4,530,095, Cl. 371-49.000.
Schwab, Thomas F., 4,543,627, Cl. 364-200.000.
Schwarz, Alfred O., 4,506,310, Cl. 361-104.000.
Scordo, Dominick, 4,558,180, Cl. 179-18.0BC.
Shackle, Peter W., 4,516,037, Cl. 307-252.00A.
Sharper, Craig A., 4,544,916, Cl. 340-347.0DD.
Sharpless, Charles H.; and Van Slooten, Robert W., 4,546,475, Cl. 371-49.000.
Shoji, Masakazu, 4,514,647, Cl. 307-269.000.
Shoji, Masakazu, 4,514,749, Cl. 357-68.000.
Shoji, Masakazu, 4,516,123, Cl. 340-825.860.
Silverio, Vincent J., 4,493,031, Cl. 364-200.000.
Smith, Arnold R., 4,534,586, Cl. 292-228.000.
Smith, Arnold R., 4,540,846, Cl. 174-38.000.
Smith, Peter W., 4,507,776, Cl. 370-4.000.
Smith, Peter W.; and Tomlinson, Walter J., III, 4,515,429, Cl. 350-96.130.
Smoot, Lanny S., 4,498,001, Cl. 250-214.00A.
Sooch, Navdeep S., 4,550,284, Cl. 323-315.000.
Spears, Danny R., 4,550,401, Cl. 370-85.000.
Spires, Dewayne A., 4,503,289, Cl. 179-16.00F.
Spires, Dewayne A., 4,510,550, Cl. 361-152.000.
Starr, Thomas J. J., 4,514,845, Cl. 371-15.000.
Steele, Raymond; Wong, Wai C.; and Xydeas, Costas S., 4,495,620, Cl. 370-118.000.
Stone, Julian, 4,523,315, Cl. 372-3.000.
Stone, Julian, 4,556,314, Cl. 356-73.100.
Swanson, Eric J., 4,518,926, Cl. 330-253.000.
Swanson, Eric J., 4,542,304, Cl. 307-353.000.
Tai, King L.; and Vratny, Frederick, 4,496,448, Cl. 204-192.00E.
Tamburro, Peter J., 4,494,816, Cl. 339-177.00R.
Taylor, Gary N., 4,500,628, Cl. 430-311.000.
Tegethoff, Ronald H., 4,546,216, Cl. 179-170.200.
Thierbach, Mark E., 4,493,029, Cl. 364-200.000.
Thompson, Dennis J., 4,493,053, Cl. 364-900.000.
Thompson, Dennis J., 4,495,565, Cl. 364-200.000.
Thompson, John S., 4,503,490, Cl. 364-200.000.
Thomson, David J., 4,493,094, Cl. 375-119.000.
Thomson, David J., 4,556,869, Cl. 340-347.0DD.
Tomcik, James D., 4,535,472, Cl. 381-31.000.
Tsang, Won-Tien, 4,512,022, Cl. 372-45.000.
Tu, Peter J., 4,544,950, Cl. 358-143.000.
Turner, Jonathan S., 4,491,945, Cl. 370-60.000.
Turner, Jonathan S., 4,494,230, Cl. 370-60.000.
Turner, Jonathan S., 4,512,011, Cl. 370-60.000.
Turner, Jonathan S.; and Wyatt, Leonard F., 4,550,397, Cl. 370-60.000.
Turner, Jonathan S., 4,551,833, Cl. 370-60.000.
Turner, Jonathan S., 4,561,090, Cl. 370-60.000.
Tzinis, Costas H.; and Vadimsky, Richard G., 4,550,074, Cl. 430-322.000.
Venkatesan, Thirumalai N. C., 4,518,934, Cl. 332-7.510.
von Seggern, Heinz; and Wang, Tsuey T., 4,512,941, Cl. 264-22.000.
von Seggern, Heinz, 4,527,218, Cl. 361-233.000.
Voorhoeve, Rudolf J. H., 4,542,006, Cl. 423-365.000.
Wagner, Alfred, 4,548,883, Cl. 430-5.000.
Wen, Wilson K., 4,520,477, Cl. 370-58.000.
White, Jonathan C., 4,500,995, Cl. 372-3.000.
White, Jonathan C., 4,504,949, Cl. 372-3.000.
Williams, Gareth F., 4,540,952, Cl. 330-279.000.
Williamson, Andrew H., Jr., 4,538,021, Cl. 174-92.000.
Winchell, David F., 4,550,224, Cl. 179-18.0BC.
Witmore, Ronald K.; and Zelenski, Jerome J., 4,493,073, Cl. 370-14.000.
Zee, Benjamin, 4,530,049, Cl. 364-200.000.
Zweig, Walter L., 4,527,080, Cl. 307-510.000.

AT&T Bell Telephone Laboratories: *See—*
Burger, William A.; Embree, David M.; Singer, Martin H.; and Vogelpohl, David R., 4,508,937, Cl. 179-84.00T.
Daudelin, Douglas S., 4,509,120, Cl. 364-200.000.
Hartmann, Philip W.; Kohs, Dwight W.; Spencer, Douglas A.; and Turnbow, Garry V., 4,510,596, Cl. 370-58.000.
Schneider, Herbert A., 4,523,140, Cl. 323-315.000.
Shevchuk, George J., 4,509,647, Cl. 211-41.000.

AT&T Information Systems: *See—*
Baker, Donn; Clarke, John E.; and Johnson, Chris G., 4,536,052, Cl. 339-126.00R.
Farquharson, Robert J.; and Gerns, Stanton T., 4,557,411, Cl. 228-56.300.
Lane, Michael S.; and Scholbrock, Steven D., 4,535,445, Cl. 370-62.000.
Thapar, Hemant K., 4,534,040, Cl. 375-39.000.

AT&T Information Systems Inc.: *See—*
Burger, William A.; Embree, David M.; Singer, Martin H.; and Vogelpohl, David R., 4,508,937, Cl. 179-84.00T.
Buzzard, Clair A.; and Mina, Kent V., 4,535.454, Cl. 370-110.200.
Carson, Robert A.; Fenton, Francis M.; and Jones, David F., 4,560,837, Cl. 179-18.0BD.
Fossett, Lawrence D.; and Michael, Steven C., 4,538,030, Cl. 179-7.1TP.
Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., 4,512,016, Cl. 370-110.100.
Grimes, Gary J., 4,516,250, Cl. 375-82.000.
Grimes, Gary J., 4,528,521, Cl. 331-1.00A.
Kirschenbaum, Bernard, 4,538,782, Cl. 248-68.100.
Koenig, Mark J.; and Oye, Kevin J., 4,511,969, Cl. 364-200.000.
Kohs, Dwight W., 4,538,271, Cl. 371-49.000.
Ngo, Peter D. T., 4,547,042, Cl. 350-334.000.
Nici, Richard J.; Schramm, George W.; and Sharp, John B., 4,512,017, Cl. 370-110.100.
Peck, Stephen R.; and Sharp, John B., 4,534,023, Cl. 370-58.000.
Raamot, Jaan, 4,545,053, Cl. 370-68.000.
Smith, Douglas C., 4,554,412, Cl. 179-78.00R.
Squicciarini, Gaetano N., 4,535,198, Cl. 179-2.0DP.
Wei, Lee-Fang, 4,520,490, Cl. 375-27.000.
Zink, John H., 4,532,377, Cl. 179-2.0DP.
Zink, John H., 4,535,199, Cl. 179-2.0DP.

AT&T Laboratories: *See—*
Burson, Kyle L.; Early, Scott H.; and Ganesan, Apparajan, 4,554,515, Cl. 330-261.000.
Kaplan, Martin L., 4,492,652, Cl. 568-75.000.
Kennedy, James C.; Trimnell, Lawrence J.; and Zola, Meyer J., 4,558,444, Cl. 370-58.000.

AT&T Nassau Metals Corporation: *See—*
Budzich, Mieczlyslaw; and Fitz, Forest G., Jr., 4,534,254, Cl. 83-425.200.

AT&T Technologies, Inc.: *See—*
Arroyo, Candido J.; Cogelia, Nicholas J.; and Darsey, Ralph J., 4,510,348, Cl. 174-121.00A.
Astfalk, Greg; Dougherty, Timothy S.; and Viriyayuthakorn, Montri, 4,512,944, Cl. 264-174.000.
Bahnck, Norman; and Kloap, Philip, 4,556,362, Cl. 414-744.00B.
Bailey, Alred S.; and Fisher, John R., Jr., 4,558,812, Cl. 228-180.100.
Bair, Wallace C.; Myers, Daryl L.; and Rogers, Jane W., 4,547,644, Cl. 219-10.49R.
Banks, Edward L.; Ellington, Thomas S., IV; and Kuyel, Birol, 4,499,162, Cl. 430-5.000.
Banks, Edward L.; Ellington, Thomas S., IV; and Zavecz, Terrence E., 4,529,299, Cl. 355-55.000.
Banks, Edward L.; Ellington, Thomas S., IV; and Zavecz, Terrence E., 4,537,498, Cl. 355-55.000.
Beatenbough, Charles M.; and Elliott, William A., 4,545,636, Cl. 339-105.000.
Beltz, Richard K.; and Large, Donald M., 4,498,451, Cl. 125-23.00R.
Beltz, Richard K.; and Large, Donald M., 4,531,277, Cl. 29-466.000.
Blitchington, Frank H.; and Haught, David E., 4,556,903, Cl. 358-106.000.
Bohannon, William D., Jr.; Collins, Roy P.; Kinard, Michael D.; and Weinraub, William C. L., 4,557,560, Cl. 350-96.230.
Bordelon, Chester M.; Chin, Gilbert Y.; Jin, Sungho; Sherwood, Richard C.; and Wernick, Jack H., 4,540,453, Cl. 148-31.550.
Brown, Robert J.; Fernandez, Douglas R.; and McGonigal, Charles, 4,539,748, Cl. 29-874.000.
Brzostek, Melvin W.; Hardesty, Edwin C.; and Hutchins, Erle M., 4,494,815, Cl. 339-123.000.
Bursh, Talmage P., Jr.; Davis, Dean I.; Slominski, John T.; and Swartz, Raymond K., 4,510,346, Cl. 174-36.000.
Burton, William H.; and Snow, William E., 4,505,035, Cl. 29-843.000.
Cartwright, John S.; and Hurst, Jerry C., 4,545,761, Cl. 432-5.000.
Chandler, Donald E.; Chisholm, William M.; and Lechner, Ralph T., 4,515,354, Cl. 269-15.000.
Chapman, Ivan B., Jr., 4,523,498, Cl. 81-177.100.
Chavers, Richard A.; and Duff, Oland J., 4,502,745, Cl. 339-17.00C.
Chisholm, William M.; and Thompson, Fred E., 4,518,085, Cl. 206-454.000.
Cook, Joel M.; Flamm, Daniel L.; Mayer, Edward H.; and Seiler, Bernard C., 4,554,047, Cl. 156-643.000.

  - Cushman, Robert H.; and Stout, Charles E., Jr., 4,523,972, Cl. 156-617.0SP.
  - Cushman, Robert H.; and Hoegermeyer, Carl L., 4,557,514, Cl. 294-64.100.
  - Davis, Charles L.; Fegley, Charles R.; and Moll, Jack H., Jr., 4,502,215, Cl. 29-874.000.
  - Dick, Bernard M., 4,542,439, Cl. 361-405.000.
  - Dines, David R.; and Webb, Vertis C., 4,512,707, Cl. 414-404.000.
  - Dines, David R.; Svoboda, George; and Workman, Robert G., 4,535,535, Cl. 29-845.000.
  - DiTroia, Anthony J., 4,547,960, Cl. 29-593.000.
  - Dorey, John K., II; Schmidt, Steven L.; and Townsend, Wesley P., 4,537,799, Cl. 427-259.000.
  - Draper, Clifton W.; and Poate, John M., 4,495,255, Cl. 428-669.000.
  - Ellis, Roland, Jr.; Jacobs, Brian E.; March, Edward J.; and Newman, Raymond J., 4,512,509, Cl. 228-180.200.
  - Fanning, William J., 4,521,828, Cl. 361-386.000.
  - Fanning, William J., 4,541,034, Cl. 361-405.000.
  - Fegley, Charles R.; and Regneth, Lorenz, 4,495,396, Cl. 219-85.00G.
  - Fegley, Charles R.; and Tamashasky, Joseph A., 4,513,852, Cl. 198-399.000.
  - Fletcher, Ivan M.; and Gladish, Gary W., 4,513,855, Cl. 198-473.000.
  - Frazee, Ralph E., Jr.; Myers, Daryl L.; and Smithgall, David H., Sr., 4,545,542, Cl. 242-18.00A.
  - Frazee, Ralph E., Jr.; and Smithgall, David H., Sr., 4,553,706, Cl. 242-18.00A.
  - Ganesan, Apparajan, 4,531,106, Cl. 333-173.000.
  - Gault, William A., 4,521,272, Cl. 156-616.00R.
  - Gill, Daniel G., 4,501,368, Cl. 211-41.000.
  - Gilley, James H., 4,515,484, Cl. 374-137.000.
  - Gladish, Gary W., 4,514,130, Cl. 414-416.000.
  - Gliwa, William F.; and Kalina, Robert F., 4,516,737, Cl. 242-77.000.
  - Goulstone, Ray T.; Gursky, Michael T.; and O'Boyle, John M., 4,558,581, Cl. 72-379.000.
  - Gutbier, Ernst A., 4,529,116, Cl. 228-103.000.
  - Hambleton, Robert J., 4,548,341, Cl. 222-146.600.
  - Hancock, Harvey G.; and Szymanski, Michael E., 4,503,283, Cl. 174-22.00R.
  - Handy, Christopher C., Jr.; and Lorimer, D'Arcy H., 4,508,688, Cl. 423-92.000.
  - Hardesty, Edwin C.; and Hutchins, Erle M., 4,522,459, Cl. 339-98.000.
  - Hardesty, Edwin C.; and Hardesty, Ronald C., 4,536,939, Cl. 29-566.400.
  - Hetherington, Jack C., 4,491,492, Cl. 156-212.000.
  - Hoffman, Brian D.; Pollack, Steven H.; and Weissman, Barry, 4,528,747, Cl. 29-834.000.
  - Huggins, Ronald G.; O'Brien, William D., Jr.; and Partus, Fred P., 4,554,078, Cl. 210-749.000.
  - Iyengar, Rama, 4,533,570, Cl. 427-163.000.
  - Jabben, Gary D., 4,539,445, Cl. 200-5.00A.
  - Jablway, Ali N.; and Mitchell, Alexander M., 4,524,321, Cl. 324-66.000.
  - Jablway, Ali N.; and Mitchell, Alexander M., 4,536,703, Cl. 324-52.000.
  - Jerde, Leslie G.; Lory, Earl R.; Muething, Kevin A.; and Tsou, Len Y., 4,491,499, Cl. 156-626.000.
  - Kanotz, William M.; Vesperman, William C.; and Wilson, Max K., 4,493,747, Cl. 156-64.000.
  - Kanotz, William M., 4,516,922, Cl. 425-113.000.
  - Kassahun, Bahiru; and Viriyayuthakorn, Montri, 4,522,148, Cl. 118-405.000.
  - Kent, William C.; and Payne, Charles H., 4,504,008, Cl. 228-180.200.
  - Kent, William C., 4,513,498, Cl. 29-845.000.
  - Kent, William C.; and Payne, Charles H., 4,527,731, Cl. 228-180.200.
  - Kent, William C., 4,540,030, Cl. 140-93.00R.
  - Kent, William C., 4,545,520, Cl. 228-180.100.
  - Kiersarsky, Albert S.; Sauer, Earl S.; Vesperman, William C.; and Wilson, Max K., 4,541,980, Cl. 264-174.000.
  - Kim, Byoung S., 4,555,954, Cl. 73-862.040.
  - Kirschenman, Duane L., 4,516,318, Cl. 29-846.000.
  - Kleinedler, Gary E.; and Pohl, Herbert A., 4,519,132, Cl. 29-845.000.
  - Krause, Dennis L., 4,491,509, Cl. 204-192.00R.
  - Krause, Dennis L., 4,539,434, Cl. 174-68.500.
  - Kuyel, Birol, 4,496,425, Cl. 156-626.000.
  - Kuyel, Birol, 4,537,813, Cl. 428-209.000.
  - Loesch, Robert P., 4,551,185, Cl. 148-150.000.
  - Lord, Herbert A., 4,560,420, Cl. 148-1.500.
  - Macdonald, David I., 4,537,663, Cl. 204-14.100.
  - Mackay, Robert D., 4,500,149, Cl. 339-17.00C.
  - Mackay, Robert D., 4,503,609, Cl. 29-843.000.
  - Marx, Morris F., III, 4,500,481, Cl. 264-40.600.
  - McDonald, James S., 4,505,184, Cl. 91-39.000.
  - Moerschel, Kenneth G., 4,514,436, Cl. 427-10.000.
  - Morse, William C.; and Phaneuf, John B., 4,494,033, Cl. 310-352.000.
  - Muething, Kevin A., 4,518,455, Cl. 156-613.000.
  - Nauman, Delbert A., 4,496,432, Cl. 204-1.00T.
  - Nesbitt, Raymond A., 4,526,810, Cl. 427-98.000.
  - Ng, Sau-Lan L.; Plewes, John T.; and Robbins, Murray, 4,518,469, Cl. 204-44.500.
  - Ors, Jose A.; and Small, Richard D., Jr., 4,511,757, Cl. 174-68.500.
  - Ouellette, Paul J., 4,537,461, Cl. 339-258.00R.
  - Paek, Un C.; and Schroeder, Charles M., Jr., 4,533,378, Cl. 65-3.120.
  - Paek, Un C.; and Schroeder, Charles M., Jr., 4,539,226, Cl. 427-163.000.
  - Paek, Un-Chul, 4,516,826, Cl. 350-96.310.
  - Partus, Fred P., 4,501,442, Cl. 285-190.000.
  - Phaneuf, John B., 4,546,543, Cl. 29-884.000.
  - Price, John W., 4,496,797, Cl. 179-81.00B.
  - Rapp, Willard E., 4,538,351, Cl. 29-845.000.
  - Rapp, Willard E., 4,543,713, Cl. 29-837.000.
  - Rieman, Richard F., 4,536,622, Cl. 179-103.000.
  - Rizzo, John S., 4,500,394, Cl. 204-15.000.
  - Rysewyk, Ambrose L., 4,532,953, Cl. 137-255.000.
  - Schaaf, Theodore F., 4,507,330, Cl. 427-261.000.
  - Schoenthaler, David; and Wojcik, Thaddeus, 4,515,297, Cl. 222-160.000.
  - Seefeldt, Roger L., 4,506,785, Cl. 206-334.000.
  - Seidel, Roland H., 4,514,027, Cl. 339-105.000.
  - Small, Richard D., Jr., 4,554,229, Cl. 430-17.000.
  - Swanson, Robert R., 4,557,782, Cl. 156-250.000.
  - Tardy, John, 4,538,771, Cl. 242-7.120.
  - Truax, Bruce E., 4,502,785, Cl. 356-376.000.
  - Tucker, John G., 4,519,552, Cl. 242-7.170.
  - Venable, Edward R., 4,516,787, Cl. 279-1.0SG.
  - Viriyayuthakorn, Montri; and DeBoo, Robert V., 4,495,022, Cl. 156-500.000.
  - Viriyayuthakorn, Montri; and DeBoo, Robert V., 4,547,246, Cl. 156-244.120.
  - Weaver, Frederick R., Jr., 4,539,776, Cl. 51-156.000.
  - White, Frank T., 4,502,655, Cl. 248-228.000.
  - Wiechard, Charles A., 4,524,516, Cl. 30-290.000.
  - Wong, Ching-Ping, 4,508,758, Cl. 427-96.000.
  - Wong, Ching-Ping, 4,552,818, Cl. 428-447.000.
  - Wyatt, Kenneth L., 4,516,739, Cl. 242-155.00M.
  - Wyatt, Kenneth L., 4,555,105, Cl. 271-264.000.
  - Zado, Frank M., 4,495,007, Cl. 148-23.000.
  - Zado, Frank M., 4,523,712, Cl. 228-207.000.
  - Zado, Frank M., 4,561,913, Cl. 148-23.000.
- AT&T Teletype Corporation: *See—*
  - Cardona, Ramon M.; Leno, Theodore M.; and O'Leary, Melody M., 4,525,087, Cl. 400-613.200.
  - Durkee, David B.; Koller, James P.; and Wentzel, Robert M., 4,516,140, Cl. 346-140.00R.
  - Durkee, David B.; and Liebman, Alan J., 4,538,156, Cl. 346-21.000.
  - Jung, Werner; and Purzycki, Alfred Z., 4,547,089, Cl. 400-354.000.
  - Kirpluk, Kenneth R.; and Lewinski, Kenneth F., 4,556,189, Cl. 248-649.000.
  - LaSpesa, Richard E., 4,514,100, Cl. 400-55.000.
  - Willcox, Charles R., 4,516,136, Cl. 346-76.0PH.
- Atago Bussan Co. Ltd.: *See—*
  - Yoshioka, Shigeyoshi, 4,560,276, Cl. 356-334.000.
- Atago, Takeshi; and Manaka, Toshio, to Hitachi, Ltd. Electronic control system for controlling air-fuel ratio in an internal combustion engine. 4,510,907, 4-16-85, Cl. 123-435.000.
- Atago, Takeshi: *See—*
  - Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, 4,506,646, Cl. 123-501.000.
  - Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, 4,550,705, Cl. 123-488.000.
  - Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Ataka, Kikuo: *See—*
  - Uchiumi, Shinichiro; and Ataka, Kikuo, 4,518,793, Cl. 560-175.000.
- Ataka, Matsuo: *See—*
  - Aoyagi, Koshiro; Noguchi, Yukio; Nakajima, Koe; and Ataka, Matsuo, 4,528,834, Cl. 72-202.000.
- Ataka, Saburo: *See—*
  - Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,816, Cl. 313-366.000.
- Ataka, Tatsuaki: *See—*
  - Itaya, Kingo; Shibayama, Kimio; Toshima, Shinobu; Ataka, Tatsuaki; and Iwasa, Koji, 4,498,739, Cl. 350-357.000.
- Atalla Corporation: *See—*
  - Atalla, Martin M., 4,515,288, Cl. 221-1.000.
  - Atalla, Martin M.; and Bestock, Ralph R., 4,536,647, Cl. 235-379.000.
- Atalla, Martin M., to Atalla Corporation. Currency-dispensing method and apparatus. 4,515,288, 5-7-85, Cl. 221-1.000.
- Atalla, Martin M.; and Bestock, Ralph R., to Atalla Corporation. Pocket banking terminal, method and system. 4,536,647, 8-20-85, Cl. 235-379.000.
- Ataman, Ergin'; and King, J. Thomas, to NCR Canada Ltd. Noise cleaner for binary images. 4,510,618, 4-9-85, Cl. 382-54.000.
- Atanassov, Atanas K.: *See—*
  - Mitkov, Atanas L.; Georgiev, Ivan N.; Radulov, Peter T.; Hung, Le K.; and Atanassov, Atanas K., 4,532,940, Cl. 130-6.000.
- Atanassov, Haralampi A.: *See—*
  - Makedonski, Boris G.; and Atanassov, Haralampi A., 4,549,370, Cl. 51-7.000.

Atanassov, Lyuben P.; Kohen, Eliezer H.; Maleshkov, Vladimir D.; Antonov, Dimo P.; Russev, Lyubomir S.; and Georgiev, Georgi A., to Obedineni Zavodi za Zapametyavashti Ustroystva. Manual crate controller. 4,558,408, 12-10-85, Cl. 364-130.000.

Atarashi, Kazuya, to Honda Giken Kogyo Kabushiki Kaisha. Glove box on vehicular instrument panel. 4,552,399, 11-12-85, Cl. 296-37.120.

Atari, Inc.: *See—*
Kramer, Dan H., 4,496,936, Cl. 340-347.00P.

Atasi Corporation: *See—*
Brown, Stanley F.; and Plonczak, Garold W., 4,491,888, Cl. 360-97.000.
Brown, Stanley F.; and Plonczak, Garold W., 4,553,183, Cl. 360-98.000.
Chambers, Aaron L., 4,495,533, Cl. 360-72.200.
Starr, James A., 4,522,303, Cl. 206-588.000.

Atchison, William E.: *See—*
Anjier, Joseph L.; Roberson, Morris L.; and Atchison, William E., 4,511,542, Cl. 423-127.000.

Atchisson, Maxwell G., to SW Daniel, Inc. Firing mechanism for semiautomatic firearms. 4,522,105, 6-11-85, Cl. 89-139.000.

Atchisson, Maxwell G. Low-recoil firearm with noncircular guide rod for angularly locating bolt carrier assembly. 4,553,469, 11-19-85, Cl. 89-191.020.

Atchley, Raymond. End effector. 4,561,686, 12-31-85, Cl. 294-64.100.

ATEC Inc.: *See—*
Weber, Willis W., 4,522,727, Cl. 210-673.000.

Atecs Corporation: *See—*
Grant, Richard W.; and Sciulli, Ronald D., 4,527,499, Cl. 114-39.000.

Atelier de construction Steiger S.A.: *See—*
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Atelier de Mecanique de Precision F.M.: *See—*
Fourcaulx, Claude; and Fourcaulx, Bernard, 4,503,303, Cl. 200-156.000.

Ateliers de Constructions Electriques de Charleroi: *See—*
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Defosse, Georges; and Hensenne, Joseph, 4,523,573, Cl. 124-41.00R.
Neumann, Jacques, 4,551,101, Cl. 434-55.000.

Ateliers de Constructions Mecaniques de Vevey S.A.: *See—*
Hess, Fritz; and Dalliard, Fernand, 4,535,702, Cl. 105-4.00R.

Ateliers des Charmilles S.A.: *See—*
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Janicke, Johan, 4,495,393, Cl. 219-69.00M.
Marendaz, Georges-Andre, 4,551,809, Cl. 364-474.000.
Schneider, Rudolf, 4,547,647, Cl. 219-69.00W.

Ateliers et Chantiers de Bretagne, A C B: *See—*
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Ateliers Reunis: *See—*
Levy-Joseph, Marc, 4,519,622, Cl. 280-33.99S.

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Ateya, Antoun I.; and Lu, Wei C., to Eastman Kodak Company. Electric field adjustment for magnetic brushes. 4,496,644, 1-29-85, Cl. 430-122.000.

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Blodgett, Jerry A.; Szu, Harold H.; Giles, C. Lee; and Athale, Ravindra, 4,505,544, Cl. 350-162.130.

Athenes, Claude; Tarbouriech, Francois; and Poux, Gerard, to Thomson-CSF Telephone. Logic selection module. 4,491,837, 1-1-85, Cl. 340-825.020.

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Atherton, John R.; Sindall, John H.; and Heathcock, Osmond R., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the; and IMI Kynoch Limited. Protective systems. 4,532,997, 8-6-85, Cl. 169-56.000.

Atherton, Paul; Burns, Peter; and Green, Brian N., to VG Instruments Group Limited. Sample introduction device for mass spectrometers. 4,562,351, 12-31-85, Cl. 250-288.000.

Athey, Graham, to Imperial Chemical Industries PLC. Polyester fibrefill blend. 4,520,066, 5-28-85, Cl. 428-288.000.

Athey, Roy L., to United Technologies Corporation. Method for eliminating low cycle fatigue cracking in integrally bladed disks. 4,536,932, 8-27-85, Cl. 29-156.80B.

Athmer, F.: *See—*
Cronenberg, Dieter-Julius; and Faflek, Jeno, 4,519,165, Cl. 49-307.000.

Atkielski, John. Boomerang. 4,541,637, 9-17-85, Cl. 273-426.000.

Atkin, Howard S., to Dunlop Limited. Flexible couplings. 4,496,331, 1-29-85, Cl. 464-70.000.

Atkin, John; and Loustau, Marie-Therese, to Societe Anonyme dite: SAFT. Method of manufacturing an electrode for an electrochemical cell, and an electrode manufactured by the method. 4,514,473, 4-30-85, Cl. 429-10.000.

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Atkins, Kenneth E.; and Gentry, Robert R., to Union Carbide Corporation. Polyester fiber reinforced molding compounds. 4,525,498, 6-25-85, Cl. 523-511.000.

Atkins, Kenneth E., to Union Carbide Corporation. Uniformly pigmented, low shrinking polyester molding compositions. 4,555,534, 11-26-85, Cl. 523-507.000.

Atkins, Richard P.: *See—*
Salloum, Robert J.; and Atkins, Richard P., 4,497,945, Cl. 528-94.000.

Atkins, Ronald T., to United States of America, Army. Thermal conductivity measurement method. 4,522,512, 6-11-85, Cl. 374-44.000.

Atkins, Terrance J.; Field, Martin J.; and Lamirande, Donald J., to General Motors Corporation. Fuel rail. 4,539,961, 9-10-85, Cl. 123-468.000.

Atkins, Walter J., to Chrysler Corporation. Fuel conditioning device. 4,554,902, 11-26-85, Cl. 123-557.000.

Atkinson, Alan W.; Hurst, David R.; and Somerfield, Kenneth T., to T&N Materials Research Limited. Housing for electrical or electronic equipment. 4,530,949, 7-23-85, Cl. 523-512.000.

Atkinson, Alan W.; Dearden, Katryna J.; and Lancaster, Janet M., to T&N Materials Research Limited. Gaskets. 4,534,922, 8-13-85, Cl. 264-119.000.

Atkinson, Anthony: *See—*
Harvey, Michael J.; and Atkinson, Anthony, 4,546,161, Cl. 527-312.000.

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Lawrence, Christopher J.; Wilkinson, Philip M.; and Atkinson, Colin, 4,510,744, Cl. 57-280.000.

Atkinson, Gerald O., to Hughes Tool Company. Clamping assembly. 4,507,843, 4-2-85, Cl. 29-466.000.

Atkinson, Gerald O., to Hughes Tool Company - USA. Method for shanking rock bits. 4,559,852, 12-24-85, Cl. 76-108.00A.

Atkinson, Gordon E.; and Kubina, Stephen J., to Vernay Laboratories, Inc. Valve assembly. 4,535,819, 8-20-85, Cl. 137-846.000.

Atkinson, Ivor B.; and Holdstock, Barry C., to CooperVision, Inc. Hydrogel contact lenses for permanent wear. 4,492,776, 1-8-85, Cl. 523-108.000.

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Atkinson, Robert W., to Snyder Laboratories, Inc. Moveable coil linear motor. 4,555,645, 11-26-85, Cl. 310-27.000.

Atkinson, Robert W., to Snyder Laboratories, Inc. Lavage system with linear motor. 4,561,431, 12-31-85, Cl. 128-66.000.

Atkinson, Roger F., to Itec, Inc. Universal signalling tone receiver. 4,502,049, 2-26-85, Cl. 340-825.730.

Atkinson, Thomas J.: *See—*
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Atlani, Martial; Loutaty, Roben; Wakselman, Claude; and Yacono, Charles, to Compagnie Francaise de Raffinage; and Agence Nationale de Valorisation de la Recherche. Method of purifying a gas mixture containing undesirable gas compounds. 4,504,287, 3-12-85, Cl. 55-53.000.

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Ellison, Burlan E.; Spranca, Harry P.; and Hooper, Christopher C., 4,495,743, Cl. 52-478.000.

Atlantic Control Systems, Inc.: *See—*
Talbot, George M., 4,528,905, Cl. 101-76.000.

Atlantic Pacific Marine Corporation: *See—*
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Atlantic Research Corporation: *See—*
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Scheffee, Robert S., 4,498,906, Cl. 44-51.000.
Scheffee, Robert S., 4,504,277, Cl. 44-51.000.

Atlantic Richfield Company: *See—*
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Arnold, Mary T., 4,495,321, Cl. 524-104.000.
Arnold, Mary T.; and Siciliano, George R., 4,528,406, Cl. 568-659.000.
Baillie, Lloyd A., 4,513,603, Cl. 73-37.000.
Ball, Bennett D., 4,561,245, Cl. 60-39.020.
Bartlett, Robert W.; and Bolles, Thomas R., 4,526,763, Cl. 423-112.000.
Baucum, Dewayne E., 4,491,440, Cl. 405-288.000.
Berman, Elliot, 4,510,344, Cl. 136-256.000.
Boitz, Gary L.; and Tulk, Thomas C., 4,502,233, Cl. 33-181.0AT.
Bourland, Larry G., 4,501,848, Cl. 524-527.000.
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Bourland, Larry G., 4,501,850, Cl. 524-527.000.
Bourland, Larry G., 4,530,965, Cl. 525-67.000.
Breder, E. William, Jr.; Jaecker, John A.; and Johnson, Marvin F. L., 4,544,786, Cl. 585-500.000.
Breder, E. William, Jr., 4,544,787, Cl. 585-500.000.
Clausius, Richard A., 4,496,533, Cl. 423-448.000.
Curtin, Daniel J., 4,545,620, Cl. 299-4.000.
Davis, Gerald E., 4,560,541, Cl. 423-126.000.

Dean, Barry D., 4,491,647, Cl. 525-67.000.
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Dean, Barry D., 4,504,627, Cl. 525-205.000.
Dean, Barry D., 4,514,543, Cl. 525-205.000.
Dean, Barry D., 4,528,326, Cl. 525-66.000.
Dean, Barry D., 4,532,301, Cl. 525-280.000.
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Emery, Leonard W., 4,509,596, Cl. 166-263.000.
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Fisher, Edwin N., 4,544,304, Cl. 404-17.000.
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Gaffney, Anne M., 4,499,324, Cl. 585-500.000.
Gaffney, Anne M., 4,511,754, Cl. 585-656.000.
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Grey, Roger A., 4,533,754, Cl. 568-437.000.
Gupta, Vijai P., 4,544,453, Cl. 203-44.000.
Hansen, Gerald D., 4,502,959, Cl. 210-705.000.
Hastings, Joe R., 4,523,459, Cl. 73-155.000.
Hazbun, Edward A., 4,556,749, Cl. 585-330.000.
Hearn, Daniel P., 4,503,330, Cl. 250-357.100.
Hutchison, David A., 4,498,998, Cl. 252-52.00R.
Ingram, Alvin R., 4,547,527, Cl. 521-60.000.
Johnson, Marvin F. L., 4,547,608, Cl. 585-500.000.
Jones, C. A.; and Sofranko, John A., 4,495,374, Cl. 585-500.000.
Jones, C. Andrew; and Sofranko, John A., 4,499,322, Cl. 585-500.000.
Jones, C. Andrew; Leonard, John J.; Sofranko, John A.; and Withers, Howard P., 4,523,049, Cl. 585-500.000.
Jones, C. Andrew; and Sofranko, John A., 4,523,050, Cl. 585-500.000.
Jones, C. Andrew; Leonard, John J.; and Sofranko, John A., 4,547,607, Cl. 585-500.000.
Jones, C. Andrew; and Sofranko, John A., 4,547,611, Cl. 585-500.000.
Jones, C. Andrew; Leonard, John J.; and Sofranko, John A., 4,554,395, Cl. 585-500.000.
Jones, C. Andrew; Leonard, John J.; and Sofranko, John A., 4,560,821, Cl. 585-500.000.
Josefowicz, Jack Y., 4,547,272, Cl. 204-67.000.
Junttila, Jack D., 4,533,086, Cl. 241-16.000.
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Kesling, Haven S., Jr., 4,518,806, Cl. 568-659.000.
Kolecki, Ronald E., 4,552,003, Cl. 72-38.000.
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Li, Ying H., 4,527,342, Cl. 34-10.000.
Li, Ying H.; and Bonnecaze, Bernard F., 4,545,132, Cl. 34-20.000.
Lordi, Frank E., 4,496,681, Cl. 524-371.000.
Loutfy, Raouf O.; Withers, James C.; Das, Subodh K.; and Jones, Samuel S., 4,529,717, Cl. 502-433.000.
Loutfy, Raouf O.; and Withers, James C., 4,559,215, Cl. 423-496.000.
Lowther, Frank E., 4,503,013, Cl. 422-127.000.
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Mancinelli, Paul A., 4,503,188, Cl. 525-98.000.
Mancinelli, Paul A., 4,543,395, Cl. 525-332.400.
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Manikian, Victor; and McDonald, Giles N., 4,498,808, Cl. 405-61.000.
McCoy, John J., 4,501,915, Cl. 560-157.000.
Medeiros, David J.; and Burnett, Mark B., 4,533,743, Cl. 549-489.000.
Meyers, Kevin O.; and Skillman, Harry L., Jr., 4,495,996, Cl. 166-279.000.
Miller, Richard F., 4,495,105, Cl. 260-414.000.
Miller, Richard F.; Go, Tony S.; and Wilson, George R., III, 4,497,702, Cl. 208-47.000.
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Miller, Richard F.; and Nicholson, Michael P., 4,511,457, Cl. 208-48.0AA.
Miller, Richard F.; and Nicholson, Michael P., 4,529,500, Cl. 208-48.0AA.
Miller, Richard F.; and Nicholson, Michael P., 4,544,794, Cl. 585-721.000.
Miller, Richard F.; and Nicholson, Michael P., 4,544,795, Cl. 585-721.000.
Miller, Richard F., 4,547,202, Cl. 44-62.000.
Miller, Richard F.; and Nicholson, Michael P., 4,556,476, Cl. 208-48.0AA.
Morel, Don L.; Gay, Robert R.; and Turner, Gary B., 4,517,403, Cl. 136-249.000.
Motier, John, 4,527,581, Cl. 137-13.000.
Nguyen, Tinh; and Gaul, James M., 4,528,154, Cl. 264-109.000.
Norrgran, Daniel A., 4,541,993, Cl. 423-27.000.
Ottoson, Javan D., 4,495,710, Cl. 34-10.000.
Perkins, Thomas K., 4,499,948, Cl. 166-248.000.
Perkins, Thomas K., 4,522,262, Cl. 166-248.000.
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Peterman, Lee G.; and Staebel, Raymond J., 4,543,245, Cl. 423-574.00R.
Pinault, Frances S., 4,547,354, Cl. 423-587.000.
Piurek, Walter J., 4,534,502, Cl. 228-102.000.
Priebe, William F., 4,548,525, Cl. 405-52.000.
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Roth, David J.; Culler, Lawrence R.; and Heifner, Ralph D., 4,527,779, Cl. 266-227.000.
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Schuh, Frank J., 4,519,463, Cl. 175-61.000.
Schuh, Frank J., 4,523,652, Cl. 175-61.000.
Shawl, Edward T., 4,543,419, Cl. 560-25.000.
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Short, Lewis A.; and Horne, Ottis J., 4,532,182, Cl. 428-367.000.
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Shum, Wilfred P.; White, John F.; and Beals, Eva M., 4,558,154, Cl. 562-537.000.
Skinner, James L., 4,498,905, Cl. 44-1.00C.
Skinner, James L., 4,547,198, Cl. 44-1.00R.
Sofranko, John A., 4,517,398, Cl. 585-500.000.
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Stevens, Frank, 4,521,635, Cl. 568-659.000.
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Talbert, Sherwood G.; Flanigan, Lawrence J.; Corliss, John M.; Hagopian, John G.; and Nunheimer, Thomas P., 4,557,253, Cl. 126-429.000.
Tanner, David P., 4,492,736, Cl. 428-446.000.
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Wakefield, G. Felix; Bender, David L.; and Rea, Samuel N., 4,551,291, Cl. 264-104.000.
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Wright, Harold A., 4,500,692, Cl. 526-201.000.
Yoo, Jin S.; and Radlowski, Cecelia A., 4,492,677, Cl. 423-244.000.
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Younes, Usama E., 4,508,883, Cl. 526-262.000.
Yuill, William A., 4,551,312, Cl. 423-53.000.

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  Bent, Rodney B.; and Casper, Paul W., 4,543,580, Cl. 343-460.000.

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  Adman, Nils G.; and Jacobsson, Rolf A., 4,522,269, Cl. 173-12.000.
  Eklof, Ake T., 4,494,614, Cl. 173-116.000.
  Gidlund, Per A. L., 4,548,278, Cl. 173-121.000.
  Hansson, Gunnar C., 4,496,164, Cl. 279-19.600.
  Hansson, Gunnar C., 4,558,539, Cl. 51-170.00R.
  Herron, Lorne R., 4,511,289, Cl. 405-259.000.
  Lindberg, Eric T.; and Friedman, Anna M., 4,496,023, Cl. 181-230.000.
  Molin, Alexis, 4,498,544, Cl. 173-1.000.
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  Schoeps, Knut C., 4,533,337, Cl. 464-25.000.
  Skogberg, Bo T.; and Romell, Gunnar V. R., 4,509,889, Cl. 411-19.000.
  Van Hee, Michel A. J., 4,524,638, Cl. 74-606.00R.
  Verner, Bo L.; and Fors, Lars B. S., 4,549,997, Cl. 261-77.000.

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  Miller, Albert J., 4,492,952, Cl. 340-52.00F.
  Miller, Albert J., 4,501,005, Cl. 377-20.000.

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  Ashmore, Mike J., 4,528,948, Cl. 123-25.00L.

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  Meissner, Konrad E., 4,532,971, Cl. 141-142.000.

  - Meissner, Konrad E.; and Colombo, John W., 4,544,005, Cl. 141-94.000.
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  - Cechanski, Michael, 4,525,225, Cl. 149-19.500.
- Atlas Steel Rule Die, Inc.: *See—*
  - Graboyes, Herman A., 4,537,124, Cl. 101-28.000.
- Atmospheric Instrumentation Research, Inc.: *See—*
  - Call, David B., 4,543,836, Cl. 73-861.850.
- Ato Chimie: *See—*
  - Guerin, Bernard; Poisson, Pierre; and Sturtz, Georges, 4,495,111, Cl. 260-932.000.
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- Atobe, Takashi, to Daiwa Seiko Inc. Device for preventing backlash on spool of fishing reel. 4,549,703, 10-29-85, Cl. 242-84.52B.
- Atobe, Takashi, to Daiwa Seiko Inc. Level winder for double-bearing reel of fishing rod. 4,557,429, 12-10-85, Cl. 242-84.420.
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  - Brun, Claude; Cheux, Auguste; and Pelletier, Robert, 4,558,023, Cl. 502-108.000.
  - Commandeur, Raymond; and Gurtner, Bernard, 4,523,044, Cl. 585-11.000.
  - Dubreux, Bernard; Emeraud, Jackie; Tatin, Gerard; and Schirmann, Jean-Pierre, 4,552,563, Cl. 8-107.000.
  - Frusta, Georges; and Prudhon, Francois, 4,505,667, Cl. 431-182.000.
  - Lacombe, Jean-Loup; and Brun, Claude, 4,536,484, Cl. 502-62.000.
  - Olah, George A., 4,503,263, Cl. 568-694.000.
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  - Ollivier, Jean-Paul; and Vinatier, Bernard, 4,560,613, Cl. 428-309.900.
  - Pralus, Christian, 4,545,918, Cl. 252-142.000.
  - Tatin, Gerard, 4,536,182, Cl. 8-107.000.
- Atoji, Hitomi: *See—*
  - Ikuta, Kunio; and Atoji, Hitomi, 4,503,457, Cl. 358-75.000.
- Atomic Energy of Canada Limited: *See—*
  - Buckley, Leo P.; Burrill, Kenneth A.; Desjardins, Conrad D.; and Salter, Robert S., 4,555,361, Cl. 252-626.000.
  - Chuang, Karl T.; and Everatt, Allan E., 4,504,426, Cl. 261-114.00R.
  - Chuang, Karl T.; and Thatcher, David R. P., 4,552,744, Cl. 423-522.000.
  - Hutcheon, Ronald M., 4,543,509, Cl. 313-454.000.
  - Liu, Dirkson D. S., 4,537,503, Cl. 356-28.500.
  - Symons, Edward A.; Rolston, John H.; Clermont, Michel J.; and Paterson, Linda M., 4,514,377, Cl. 423-648.00A.
  - Wanke, Sieghard E.; Rangwala, Huseni A.; Otto, Fred D.; Dalla Lana, Ivo G.; Paterson, Linda M.; and Rolston, John H., 4,536,488, Cl. 502-159.000.
- Atsugi Motor Parts Co., Ltd.: *See—*
  - Emura, Junichi; Kanari, Issei; and Saito, Hideaki, 4,527,676, Cl. 188-299.000.
  - Kakizaki, Shinobu; and Yamamoto, Yoshifumi, 4,526,401, Cl. 280-707.000.
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- Atsumi, Akira; Oguni, Kensaku; Kuroda, Shigeaki; Senshu, Takao; and Yoshioka, Kazuo, to Hitachi, Ltd. Refrigerating apparatus having a gas injection path. 4,517,811, 5-21-85, Cl. 62-197.000.
- Atsumi, Akira; Oguni, Kensaku; Senshu, Takao; Terada, Hirokiyo; and Yoshioka, Kazuo, to Hitachi, Ltd. Refrigeration apparatus. 4,551,983, 11-12-85, Cl. 62-174.000.
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  - Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
- Atsumi, Haruo; and Koizumi, Haruyuki, to Omron Tateisi Electronics Co. Rotary shaft - push button switch anchor assembly. 4,510,355, 4-9-85, Cl. 200-47.000.
- Atsumi, Haruo; Iwakiri, Norio; Kiyono, Yasuhiro; and Hayakawa, Tomohiko, to Omron Tateisi Electronics Co. Limit switch assembly. 4,556,768, 12-3-85, Cl. 200-302.200.
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  - Atsumi, Morihiro; Yoshida, Hitoshi; Ito, Nobuei; and Atsumi, Kinya, 4,556,780, Cl. 219-270.000.
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- Atsumi, Morihiro: *See—*
  - Yamaguchi, Shunzo; Fukazawa, Takeshi; and Atsumi, Morihiro, 4,505,107, Cl. 60-303.000.
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  - Yoshida, Hitoshi; Atsumi, Morihiro; Ito, Nobuei; and Atsumi, Kinya, 4,499,366, Cl. 219-270.000.
- Atsumi, Shinya: *See—*
  - Iwashita, Takashi; Atsumi, Shinya; and Nakahama, Ryoji, 4,551,104, Cl. 440-56.000.
- Atsuta, Toshio: *See—*
  - Matsui, Shigetomo; Atsuta, Toshio; and Toma, Shouji, 4,542,846, Cl. 228-112.000.
  - Yoshida, Toshio; and Atsuta, Toshio, 4,491,001, Cl. 72-76.000.
  - Yoshida, Toshio; Itoga, Kouyu; Matsui, Shigetomo; and Atsuta, Toshio, 4,509,776, Cl. 285-55.000.
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  - Sorba, Antoine; Attal, Gerard J.; Seignier, Georges B.; and Hamad, Ahmed M., 4,527,116, Cl. 324-77.00B.
- Attard, Michel: *See—*
  - Chevrel, Roger; Attard, Michel; and Leviandier, Michel, 4,515,491, Cl. 400-693.000.
- Attaway, Julian J., to MM Systems Corporation. Moldings. 4,512,127, 4-23-85, Cl. 52-288.000.
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- Atteberry, Eldon A.: *See—*
  - LaRou, Albert M.; and Atteberry, Eldon A., 4,537,519, Cl. 384-478.000.
- Attema, Gijsbertus. Electrical ducting system. 4,493,516, 1-15-85, Cl. 339-21.00R.
- Attia, Yosry A.; and Tewksbury, Ted L., to Battelle Development Corporation. Process for producing a metalliferous concentrate from a particulate feed material. 4,512,879, 4-23-85, Cl. 209-3.000.
- Attia, Yosry A.; and Fuerstenau, Douglas W., to University of California, The Regents of the. Method for removing inorganic sulfides from non-sulfide minerals. 4,552,652, 11-12-85, Cl. 209-5.000.
- Attig, T. G.; and Grasselli, Robert K., to Standard Oil Company, The. Ammoxidation of methanol to produce hydrogen cyanide. 4,511,548, 4-16-85, Cl. 423-376.000.
- Attig, Thomas G.; Graham, Anne M.; and Pesa, Frederick, to Standard Oil Company, The. Ruthenium-copper-containing, activated-carbon-supported catalyst and process for making alcohol using same. 4,560,672, 12-24-85, Cl. 502-183.000.
- Attila, Toth. Directly-heated electrical resistance unsoldering tip for simultaneous liquefying and removing solder from a joint. 4,495,403, 1-22-85, Cl. 219-233.000.
- Attler, Anthony R. Dipstick guide device for automotive vehicles. 4,510,690, 4-16-85, Cl. 33-126.70R.
- Attridge, David M.: *See—*
  - Teumer, Roger G.; and Attridge, David M., 4,493,483, Cl. 271-186.000.
- Attwood, Michael R.; Hassall, Cedric H.; Lambert, Robert W.; Lawton, Geoffrey; and Redshaw, Sally, to Hoffmann-La Roche Inc. Pyridazo[1,2-a][1,2]diazepines. 4,512,924, 4-23-85, Cl. 260-243.300.
- Atushi, Yahagi: *See—*
  - Teruyuki, Ohba; Kazuo, Arai; Atushi, Yahagi; and Shigeru, Iwakoshi, 4,560,109, Cl. 239-583.000.
- Atwater, Richard G., to Firex Corporation. Surge protected smoke alarm. 4,511,889, 4-16-85, Cl. 340-629.000.
- Atwell, George. Desalination system. 4,536,257, 8-20-85, Cl. 202-177.000.
- Atwell, Graham J.: *See—*
  - Rewcastle, Gordon W.; Atwell, Graham J.; Baguley, Bruce C.; and Denny, William A., 4,537,729, Cl. 260-944.000.
- Atwell, William A., to Pillsbury Company, The. Refrigerated dough. 4,526,801, 7-2-85, Cl. 426-128.000.
- Atwood, Brian G.: *See—*
  - Hewett, Gary E.; Atwood, Brian G.; and Wennberg, Timothy J., 4,554,839, Cl. 73-864.160.
- Atwood, Charles W.: *See—*
  - Williams, Rodger W.; and Atwood, Charles W., 4,553,957, Cl. 604-43.000.
  - Williams, Rodger W.; Atwood, Charles W.; and Morgan, Lawrence J., 4,560,144, Cl. 251-344.000.
- Atwood, Edwards S.: *See—*
  - Driscoll, John N.; and Atwood, Edwards S., 4,549,953, Cl. 204-419.000.
- Atwood, Harold T. Pizza press. 4,559,002, 12-17-85, Cl. 425-152.000.
- Atwood, Jerry L., to University of Alabama. Multidentate macromolecular complex salt clathrates. 4,496,744, 1-29-85, Cl. 549-208.000.
- Atwood Vacuum Machine Company: *See—*
  - Kemp, James M., 4,528,739, Cl. 29-509.000.
  - Stidham, Mark A., 4,533,276, Cl. 403-165.000.
- Atwood, Warren C.: *See—*
  - Wolf, Stanley; and Atwood, Warren C., 4,495,220, Cl. 427-82.000.
- Atzbach, Carl L.: *See—*
  - Overley, Ronald V.; Tedhams, Michael H.; and Atzbach, Carl L., 4,554,907, Cl. 126-191.000.
- Atzet, Jon E. Anti-dieseling device for demand carburetors. 4,513,706, 4-30-85, Cl. 123-198.00D.
- Atzler, Peter: *See—*
  - Heiden, Ulrich; and Atzler, Peter, 4,517,773, Cl. 51-336.000.
- Au, Alex: *See—*
  - Chen, Peter C.; and Au, Alex, 4,554,644, Cl. 365-154.000.
- Au, Andrew N. S.: *See—*
  - Fouts, Robert W., Jr.; Au, Andrew N. S.; Miller, Burton E.; and Gotcher, Alan J., 4,545,926, Cl. 252-511.000.
- Au, Andrew T., to Dow Chemical Company, The. Preparation of cyano(6-(substituted phenoxy)-2-pyridinyl)methyl esters of 3-(2,2-dihaloethenyl)-2,2-dimethylcyclopropane carboxylic acids. 4,546,189, 10-8-85, Cl. 546-300.000.
- Aubel, John A.; Jenkins, Patrick A.; and Ruffner, Thomas S., to Borg-Warner Corporation. Securing assembly for a threaded member. 4,529,346, 7-16-85, Cl. 411-117.000.

Auberon, Marcel; Cabanel, Daniel; Dolbeau, Michel; Phan, Albert; Pillois, Philippe; Bournazel, Claude L.; and Huvey, Michel, to Societe Nationale Industrielle et Aerospatiale; and Institut Francais du Petrole. Process for providing a metal connector fixed to a pipe of composite material and pipe thus made. 4,549,919, 10-29-85, Cl. 156-172.000.

Auberry, Horace; Liebscher, Anton; and Oberg, Sven, to Ro-Search, Incorporated. Method and device for the manufacture of footwear. 4,523,346, 6-18-85, Cl. 12-133.00R.

Aubert, Andre ; Valignat, Jean; and Wyon, Christophe, to Commissariat a l'Energie Atomique. Covering for photothermal conversion. 4,504,553, 3-12-85, Cl. 428-622.000.

Aubert, Daniel; Ferrand, Claude; and Maffrand, Jean-Pierre, to Sanofi. Thieno [3,2-c] pyridine derivatives and their therapeutic application. 4,529,596, 7-16-85, Cl. 514-231.000.

Aubert, Jacques; Bethuel, Louis; and Carles, Maurice, to Commissariat a l'Energie Atomique. Uranium hexafluoride purification process. 4,544,531, 10-1-85, Cl. 423-19.000.

Aubert, Jean-Daniel; and Fornerod, Andre, to Cybelec S.A. Device for forming part of a press brake for determining automatically the thickness of the sheet. 4,550,586, 11-5-85, Cl. 72-389.000.

Aubert, Michel; and Renaux, Charley, to Commissariat a l'Energie Atomique. Handling process and installation for the assemblies of a neutron nuclear reactor. 4,507,261, 3-26-85, Cl. 376-270.000.

Aubourg, Patrick F.; and Fabricant, Barbara L., to Owens-Corning Fiberglas Corporation. Methods of introducing fluorine into glasses. 4,521,523, 6-4-85, Cl. 501-30.000.

Aubrey, David R.; and Kearley, Stephen J., to Electricity Council, The. Sectionalizer. 4,553,188, 11-12-85, Cl. 361-115.000.

Aubriot, Claude, to VIRAX. Pipe-cutter with cutter wheels and yokes. 4,531,288, 7-30-85, Cl. 30-99.000.

Aubrun, Claude. Headed cotter pin with safety annular retaining means. 4,553,891, 11-19-85, Cl. 411-351.000.

Aubry, Claude; Chaumette, Jacques; and Touchon, Pierre, to Saint-Gobain Vitrage. Method for the differentiated hardening of glass sheets, especially of automobile windshields, and tempered glass sheet. 4,508,783, 4-2-85, Cl. 428-410.000.

Aubry, Jacques A., to Societe Nationale Industrielle Aerospatiale. Vehicle wheel suspension system incorporating coaxial tube damping and anti-roll means. 4,491,342, 1-1-85, Cl. 280-700.000.

Auburn Research Foundation: *See—*

Harris, Hubert; and Smith, Durward A., 4,524,681, Cl. 99-474.000.

Aucel, Jean-Claude; and Testud, Jean-Louis, to La Telemecanique Electrique. Method for identifying the model of a thermal enclosure and application to regulation of thermal enclosure. 4,527,231, 7-2-85, Cl. 364-149.000.

Auchapt, Pierre R.; and Ferlay, Aime J., to Commissariat a l'Energie Atomique. Process for the remote coating of the surfaces of a cavity, as well as the application of this process. 4,504,524, 3-12-85, Cl. 427-230.000.

Auchapt, Pierre R.; and Mathieu, Daniel, to Commissariat a l'Energie Atomique. Device for measuring a pressure difference within a pulsed column. 4,526,035, 7-2-85, Cl. 73-439.000.

Auchterlonie, Richard C. Offset QPSK demodulator and receiver. 4,501,002, 2-19-85, Cl. 375-86.000.

Auciello, Anthony R.: *See—*

Auciello, Michael J.; and Auciello, Anthony R., 4,515,271, Cl. 206-519.000.

Auciello Iron Works, Inc.: *See—*

Auciello, Michael J.; and Auciello, Anthony R., 4,515,271, Cl. 206-519.000.

Auciello, Michael J.; and Auciello, Anthony R., to Auciello Iron Works, Inc. Insert means for forming voids in concrete and method of applying same. 4,515,271, 5-7-85, Cl. 206-519.000.

Auckenthaler, Robert, to SIG Schweizerische Industrie-Gesellschaft. Method and apparatus for making a wrapper sleeve. 4,505,769, 3-19-85, Cl. 156-217.000.

Aucoin, Thomas A.: *See—*

Iafrate, Gerald J.; Aucoin, Thomas A.; and Ferry, David K., 4,503,447, Cl. 357-16.000.

Aucouturier, Jean L.: *See—*

Vidalin, Jacques; and Aucouturier, Jean L., 4,524,427, Cl. 364-900.000.

Vidalin, Jacques; and Aucouturier, Jean L., 4,525,803, Cl. 364-900.000.

Aude, Thomas C., to Bechtel International Corporation. Apparatus and method for slack flow elimination in a slurry pipeline. 4,492,248, 1-8-85, Cl. 137-236.00R.

Audeh, Costandi A., to Mobil Oil Corporation. Combined surface and in situ tar sand bitumen production. 4,499,949, 2-19-85, Cl. 166-260.000.

Audeh, Costandi A., to Mobil Oil Corporation. Enhanced recovery of hydrocarbonaceous fluids from the oil shale. 4,500,414, 2-19-85, Cl. 208-11.00R.

Audeh, Costandi A.; and Dickert, Joseph J., Jr. Process for treating oil shale with a mild oxidant. 4,501,651, 2-26-85, Cl. 208-11.00R.

Audeh, Costandi A., to Mobil Oil Corporation. Process for recovering uranium from spent shale. 4,514,378, 4-30-85, Cl. 423-18.000.

Audeh, Costandi A.; and Mitchell, Thomas O., to Mobil Oil Corporation. Process for the efficient utilization of solvent modified oil shales. 4,518,480, 5-21-85, Cl. 208-11.0LE.

Audeh, Costandi A., to Mobil Oil Corporation. Enhanced recovery of hydrocarbonaceous fluids from oil shale. 4,536,279, 8-20-85, Cl. 208-11.00R.

Audeh, Costandi A., to Mobil Oil Corporation. Apparatus for co-processing of oil and coal. 4,552,725, 11-12-85, Cl. 422-140.000.

Auderset, Heinrich: *See—*

Steigmeier, Edgar F.; and Auderset, Heinrich, 4,526,468, Cl. 356-338.000.

Audesse, Emery G.: *See—*

Kimball, Stephen F.; Audesse, Emery G.; and Griffin, Robert M., 4,550,270, Cl. 313-579.000.

Audhya, Tapan: *See—*

Goldstein, Gideon; Heavner, George; Kroon, Daniel; and Audhya, Tapan, 4,505,853, Cl. 260-112.50R.

Goldstein, Gideon; Heavner, George; Audhya, Tapan; and Tjoeng, Foe-Siong, 4,547,489, Cl. 514-11.000.

Audi AG: *See—*

Heck, Klaus; and Lindner, Horst, 4,543,170, Cl. 204-129.200.

Audi, Josef: *See—*

Halberschmidt, Friedrich; Reinmold, Heinz-Josef; and Audi, Josef, 4,528,780, Cl. 51-165.800.

Halberschmidt, Friedrich; Audi, Josef; Radermacher, Herbert; and Schwarzenberg, Norbert, 4,557,745, Cl. 65-104.000.

Schwarzenberg, Norbert; Ueberwolf, Heinz; Halberschmidt, Friedrich; and Audi, Josef, 4,493,724, Cl. 65-273.000.

Audi NSU Auto Union Aktiengesellschaft: *See—*

Bauder, Armin, 4,524,735, Cl. 123-196.00R.

Bauder, Armin, 4,524,979, Cl. 277-189.000.

Bier, Axel, 4,516,034, Cl. 307-10.00R.

Bier, Axel, 4,517,469, Cl. 307-10.0LS.

Blatt, Georg; van den Boom, Johannes; Kuipers, Geert; and Hollerweger, Heinz, 4,515,239, Cl. 181-290.000.

Brockhaus, Herbert, 4,524,740, Cl. 123-340.000.

Hanle, Edgar; Wunderlich, Joachim; Zwickl, Johann; and Haerdl, Stefan, 4,505,511, Cl. 296-93.000.

Hartlieb, Dieter, 4,527,936, Cl. 414-47.000.

Hohn, Bernd-Robert, 4,548,100, Cl. 74-689.000.

Kromer, Gunter, 4,498,435, Cl. 123-306.000.

Leitermann, Wulf; and Heneka, Rolf, 4,519,646, Cl. 297-15.000.

Lindner, Horst J.; Ufer, Peter P.; Heck, Klaus; and Schmoger, Gerhard, 4,504,370, Cl. 204-129.100.

Rossie, Egbert; and Feucht, Klaus, 4,503,639, Cl. 49-374.000.

Ruf, Max, 4,543,925, Cl. 123-188.00S.

Audiau, Francois; Gueremy, Claude G. A.; and Le Fur, Gerard R., to Pharmuka Laboratoires. Derivatives of 2-piperazino-pyrimidine, methods for their preparation and their utilization as drugs or intermediates for drugs. 4,535,080, 8-13-85, Cl. 514-255.000.

Audibert, Francois: *See—*

Sugier, Andre; Audibert, Francois; and Van Landeghem, Hugo, deceased, 4,529,738, Cl. 518-700.000.

AudioPro Marketing: *See—*

Karlstrom, J. Krister, 4,543,569, Cl. 340-539.000.

Audiovox Corp.: *See—*

Turner, Earl W., 4,538,135, Cl. 340-63.000.

Audley, Gary J.: *See—*

Campbell, Ian M.; Baulch, Donald L.; and Audley, Gary J., 4,496,783, Cl. 568-947.000.

Audoin, Marcel; Fedeli, Jean-Marc; and Poujois, Robert, to Commissariat a l'Energie Atomique. Interference suppression apparatus for a capacitive keyboard. 4,543,564, 9-24-85, Cl. 340-365.00C.

Audoin, Michel: *See—*

Bricot, Claude; Gerard, Jean-Louis; and Audoin, Michel, 4,535,431, Cl. 369-44.000.

Gerard, Jean-Louis; Berthet, Pierre; Bricot, Claude; and Audoin, Michel, 4,561,082, Cl. 369-45.000.

Audostart Corporation: *See—*

Alston, William W., Jr., 4,502,489, Cl. 128-746.000.

Audoye, Paul: *See—*

Le Bigot, Yves; Audoye, Paul; Delmas, Michel; and Gaset, Antoine, 4,562,273, Cl. 549-473.000.

Audren, Jean-Thierry; and Pelletier, Charlie, to Societe de Fabrication d'Instruments de Mesure. Electronic circuit for constant charge control of an electrostatic motor, in particular for an accelerometer or a rate gyro. 4,546,292, 10-8-85, Cl. 318-116.000.

Audykowski, Thaddeus; Mentha, Anton; and Losert, Ewald, to Ciba-Geigy Corporation. Photosensitive coating composition and the use thereof for protective purposes. 4,544,623, 10-1-85, Cl. 430-280.000.

Auer, C. J.: *See—*

Lack, Larry H., 4,507,990, Cl. 81-57.390.

Lack, Larry H., 4,561,329, Cl. 81-62.000.

Auer, Eberhard; Gehrmann, Klaus; Ohorodnik, Alexander; and Rosenthal, Johannes, to Hoechst Aktiengesellschaft. Process for making alkanephosphonous acid esters. 4,549,995, 10-29-85, Cl. 260-973.000.

Auer, Frank M.: *See—*

Lack, Larry H., 4,507,990, Cl. 81-57.390.

Lack, Larry H., 4,561,329, Cl. 81-62.000.

Auer, Hugo, to Robert Bosch GmbH. Apparatus for producing pouch packages in pairs. 4,552,613, 11-12-85, Cl. 156-515.000.

Auer, Jay R., to Corflex International, Inc. Extruded structural system. 4,557,091, 12-10-85, Cl. 52-282.000.

Auer, Mark J. Manufacturing fiberboard ducts. 4,528,053, 7-9-85, Cl. 156-204.000.

Auer, Robert, to Coulter Electronics, Inc. Coincidence correction in particle analysis system. 4,510,438, 4-9-85, Cl. 324-71.400.

Auer, Werner, to Teldix GmbH. Flywheel. 4,492,131, 1-8-85, Cl. 74-574.000.

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Auerbach, Abraham, to General Electric Company. Method for deposition of elemental metals and metalloids on substrates. 4,526,807, 7-2-85, Cl. 427-53.100.

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  Eichelberger, Charles W.; Wojnarowski, Robert J.; and Auerbach, Abraham, 4,528,748, Cl. 29-835.000.
Auerbach, Albert A.: *See—*
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Auerbach, Guenther, to Sandoz Ltd. Monoazo compounds having a sulfo group-containing diazo component radical and a 6-(2′-chloro-1′,3′,5′-triazin-6′-ylamino)-1-hydroxy-3-sulfonaphthalene coupling component radical having a substituted amino group in the 4′-position. 4,518,391, 5-21-85, Cl. 8-549.000.
Auerbach, Louis H.: *See—*
  Harvey, Roy L.; Griffin, Kevin J.; Galvin, Aaron A.; and Auerbach, Louis H., 4,538,138, Cl. 340-521.000.
Auernhammer, Erich, to Siemens Aktiengesellschaft. Cooling arrangement for an enclosed electric machine. 4,553,055, 11-12-85, Cl. 310-62.000.
Auerswald, David C.; and Culter, Francis M. Method for regenerating water polishers using ammonium sulphate. 4,511,675, 4-16-85, Cl. 521-26.000.
Auerweck, Ferdinand J.; Bulgarelli, Donald J.; Roller, Curtis A.; and Varrese, Francis R., to Honeywell Inc. Method of producing a uniform fluid-tight seal between a thin, flexible member and a support and an apparatus utilizing the same. 4,541,282, 9-17-85, Cl. 73-715.000.
Aufderhaar, Ernst, to Ciba-Geigy Corporation. 5-Cyano- and 5-carbamoyl-10-nitro-5H-dibenz[b,f]azepine. 4,540,514, 9-10-85, Cl. 260-239.00D.
Aufderhaar, Ernst, to Ciba-Geigy Corporation. Process for the manufacture of 5-carbamoyl-10-oxo-10,11-dihydro-5H-dibenz[b,f]azepine. 4,559,174, 12-17-85, Cl. 260-239.00D.
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Aufderheide, Brian E., to W. H. Brady Co. Capacitance membrane switch. 4,562,315, 12-31-85, Cl. 200-5.00A.
Aufiero, James M.; D'Agostino, William P., Jr.; and Moore, John P., to Itek Corporation. Real time single frame memory for converting video interlaced formats. 4,532,546, 7-30-85, Cl. 358-111.000.
Augat Inc.: *See—*
  Damon, Neil F.; and Rydwansky, Frank C., Jr., 4,508,405, Cl. 339-75.0MP.
  Kirkman, Michael, 4,526,429, Cl. 339-17.00C.
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  Petersen, Richard W.; Pierini, John M.; and Yeo, Herbert G., 4,522,053, Cl. 720-316.000.
  Wyss, Robert P., 4,535,536, Cl. 29-845.000.
Auge, Jean; Lavaur, Jacques; and Assens, Michel, to Auge, Jean. Apparatus for automatic measurement and classification of carcases. 4,549,358, 10-29-85, Cl. 33-560.000.
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  Naete, Hidehiko; Funaoka, Chihiro; Augello, Daniel; and Coste, Jean-Claude, 4,560,885, Cl. 307-10.00R.
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Augier, Robert, to Societe Anonyme de Recherche et d'Etudes Techniques. Apparatus for manufacturing bricks of compressed earth. 4,559,004, 12-17-85, Cl. 425-261.000.
Augoyard, Jean-Pierre, to G.T.M.-Entrepose. Process for forming a prestress anchorage by drawing a steel sleeve over a metal core. 4,560,424, 12-24-85, Cl. 148-150.000.
Augros, Jacques, to Arts et Techniques Nouvelles. Bottle stopper. 4,512,487, 4-23-85, Cl. 215-274.000.
Augsburger, John J.; and Darlington, R. Keith. Corrosion inhibition of aqueous brines. 4,536,302, 8-20-85, Cl. 252-8.55R.
August Bilstein GmbH & Co. KG: *See—*
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August, Melvin C.; and Williams, John T., to Cray Research, Inc. Circuit module with enhanced heat transfer and distribution. 4,535,385, 8-13-85, Cl. 361-388.000.
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  Hanson, Gustaf H., 4,492,573, Cl. 433-11.000.
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  Ciardiello, Giovanni; and Augusti, Ferdinando, 4,554,594, Cl. 358-283.000.
Augustin, Eugene P., to Boman Industries. Waveguide polarization coupling. 4,528,528, 7-9-85, Cl. 333-21.00A.
Augustin, Hubert; and Pirker, Robert, to Voest-Alpine Aktiengesellschaft. Frog, in particular frog point, for rail crossing or rail switches as well as process for producing same. 4,514,235, 4-30-85, Cl. 148-37.000.
Augustin, Rainer, to SEA Schleifmittel Entwicklung Anwendung GmbH. Elastic grinding element and method for producing it. 4,539,017, 9-3-85, Cl. 51-293.000.
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Augustin, Ulrich, to Daimler-Benz Aktiengesellschaft. Hydraulic adjusting device for controlling the beginning of injection of an injection pump. 4,494,514, 1-22-85, Cl. 123-504.000.
Augustine, Paul C., Jr., to General American Transportation Corporation. Railway hopper car and center sill construction therefor. 4,493,266, 1-15-85, Cl. 105-255.000.
Augusto, Peter, to Bausch & Lomb Incorporated. Motor control system for motorized ophthalmic instrument. 4,496,225, 1-29-85, Cl. 351-234.000.
Augusto, Peter; and Stevens, Donn E., to Bausch & Lomb Incorporated. ANDed motor control system for motorized ophthalmic instrument. 4,496,226, 1-29-85, Cl. 351-234.000.
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Auinger, Herbert, to Siemens Aktiengesellschaft. Pole-changing three-phase winding for optional, fractional pole-pair ratios. 4,528,472, 7-9-85, Cl. 310-198.000.
Aujla, Sharanjit S., to Northern Telecom Limited. Minimum insertion force connector. 4,530,553, 7-23-85, Cl. 339-17.0LC.
Aulagner, Michel; and Jour, Jean-Paul. Double cable funicular transport device, looped on itself and with speed variation. 4,508,205, 4-2-85, Cl. 198-334.000.
Auld, Bert A.; Pettibone, Donald W.; and Plummer, James D., to United States of America, Air Force. Two-dimensional bulk acoustic wave correlator-convolver. 4,523,293, 6-11-85, Cl. 364-821.000.
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Aule, Olaf; and Noren, Tommy, to Alfa-Laval AB. Method for heat treatment of milk and the like. 4,542,034, 9-17-85, Cl. 426-522.000.
Aulich, Hubert; Eisenrith, Karl-Heinz; and Urbach, Hans-Peter, to Siemens Aktiengesellschaft. Process for the manufacture of substrates from carbon-coated silicon dioxide fabric that can be used for large-surface silicon bodies. 4,497,675, 2-5-85, Cl. 148-191.000.
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Aultman, William H.; and Reese, Morris T., to Sangamo Weston, Inc. Low leakage capacitor header and manufacturing method therefor. 4,521,830, 6-4-85, Cl. 361-433.000.
Aultz, Thomas R.; Hughes, Charles C.; and Humbert, Stanley F., to R. A. Jones & Co. Inc. Perimeter guard for a machine. 4,498,567, 2-12-85, Cl. 192-133.000.
Aumann, James P. Open sleigh that disassembles to a generally flat storage position and assembles into an interlocked operating position. 4,561,666, 12-31-85, Cl. 280-20.000.
Aumann, James T.; and Filshtinsky, Michael, to Christensen, Inc. Coring device with an improved weighted core sleeve and anti-gripping collar. 4,512,423, 4-23-85, Cl. 175-226.000.
Aumann, James T.: *See—*
  Rowley, David S.; and Aumann, James T., 4,512,419, Cl. 175-58.000.
Aumick, James M., to Ingersoll-Rand Company. Method of loosening and adjusting tightly-joined elements. 4,521,949, 6-11-85, Cl. 29-446.000.
Auphan, Michel J., to U.S. Philips Corporation. Apparatus for the scanning of objects by means of ultrasound echography. 4,552,020, 11-12-85, Cl. 73-602.000.
Auping B. V.: *See—*
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Auracher, Franz; Buerk, Hermann; Keil, Rudolf; Stockmann, Michael; Weingand, Kaspar; and Zeitler, Karl-Heinz, to Siemens Aktiengesellschaft. Optical device or switch for controlling radiation conducted in an optical waveguide. 4,505,539, 3-19-85, Cl. 350-96.150.
Auracher, Franz; and Keil, Rudolf, to Siemens Aktiengesellschaft. Prism coupler device for an optical waveguide. 4,545,642, 10-8-85, Cl. 350-96.190.
Auracher, Franz; and Stockmann, Michael, to Siemens Aktiengesellschaft. Frequency analyzer in planar waveguide technology and method of manufacture. 4,548,464, 10-22-85, Cl. 350-96.140.
Aurora Equipment Company: *See—*
  Evans, Robert J., 4,509,649, Cl. 211-70.600.
  Nichols, Max, 4,541,344, Cl. 108-108.000.
Aurora Industries, Inc.: *See—*
  Smillie, John G., 4,494,318, Cl. 34-112.000.
AURORA Konrad G. Schulz GmbH & Co.: *See—*
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  Hengel, James F.; Armstrong, Donald J.; Ament, Frank; Center, Marc B.; and Ausen, John E., 4,539,956, Cl. 123-357.000.
Ausiello, Francesco P., to Fiat Auto S.p.A. Modular power plant for the combined production of electrical and thermal energy and installation comprising a plurality of modular power plants. 4,527,071, 7-2-85, Cl. 290-4.00R.
Ausnit, Steven, to Minigrip, Inc. Method and apparatus for filling reclosable bags. 4,514,962, 5-7-85, Cl. 53-457.000.
Ausnit, Steven, to Minigrip, Inc. Method of forming a bag chain. 4,523,918, 6-18-85, Cl. 493-198.000.

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- Ausonia Farmaceutici s.r.l.: *See—*
  - **De Vincentiis, Leonardo, 4,496,589, Cl. 514-565.000.**
  - **De Vincentiis, Leonardo, 4,501,914, Cl. 560-105.000.**
  - **De Vincentiis, Leonardo, 4,503,076, Cl. 514-631.000.**
- **Ausschnitt, Christopher P., to Perkin-Elmer Corporation, The. Overlay test wafer. 4,538,105, 8-27-85, Cl. 324-158.00R.**
- Ausset, Alain: *See—*
  - **Beauducel, Claude; Cretin, Jacques; Ausset, Alain; and Ringot, Gabriel, 4,503,526, Cl. 367-20.000.**
- Aussie Auto Accessory Imports, Ltd.: *See—*
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  - Ehrnford, Lars E. M., 4,521,191, Cl. 433-164.000.
  - Fox, Adrian S., 4,500,658, Cl. 523-117.000.
- Austin, Barry G., to General Aluminum Products, Inc. Patio enclosure. 4,561,227, 12-31-85, Cl. 52-226.000.
- Austin, Faye: *See—*
  - **Schlom, Jeffery; Colcher, David; Nuti, Marianna; Hand, Patricia H.; and Austin, Faye, 4,522,918, Cl. 435-68.000.**
- **Austin, Forrest L.; and Bebeau, Jerald R., to Cornelius Company, The. Carbonated beverage mixing nozzle for a dispenser. 4,509,690, 4-9-85, Cl. 239-429.000.**
- **Austin, Forrest L., to Cornelius Company, The. Beverage dispensing valve. 4,549,675, 10-29-85, Cl. 222-129.100.**
- **Austin, Hollis B., to Northern Telecom Limited. Test instrument with flexibly connected head. 4,533,864, 8-6-85, Cl. 324-51.000.**
- **Austin, Hollis B.: *See—***
  - **Phillips, Lot; Austin, Hollis B.; and Blakeslee, Kenneth S., 4,513,179, Cl. 179-175.30R.**
- **Austin, James W.; Bradburn, Ronald G.; Cromwell, Clarence A.; Gratch, Eitan; Groiss, Erich; Perkins, Derek; and Walker, Robert A., to Brenda Mines Ltd. Process for purifying molybdenite concentrates. 4,500,496, 2-19-85, Cl. 423-55.000.**
- **Austin, Jon W.; and Vaughn, Cecil C. Peristaltic pumping method and apparatus. 4,515,589, 5-7-85, Cl. 604-122.000.**
- **Austin, Ormand R.: *See—***
  - **Davis, Richard K., 4,554,495, Cl. 318-572.000.**
- **Austin, Paul E.: *See—***
  - **Allcock, Harry R.; Austin, Paul E.; and Neenan, Thomas X., 4,495,174, Cl. 424-78.000.**
- **Austin, Peter W.: *See—***
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- **Austin, Richard G.: *See—***
  - **Michaelson, Robert C.; and Austin, Richard G., 4,533,772, Cl. 568-860.000.**
  - **Michaelson, Robert C.; and Austin, Richard G., 4,533,773, Cl. 568-860.000.**
  - **Myers, Richard S.; Michaelson, Robert C.; and Austin, Richard G., 4,496,778, Cl. 568-860.000.**
  - **Myers, Richard S.; Michaelson, Robert C.; and Austin, Richard G., 4,496,779, Cl. 568-860.000.**
- **Austin Rover Group Limited: *See—***
  - **Daniel, Neville H.; and Duncan, Hugh M., 4,495,919, Cl. 123-440.000.**
  - **Daniel, Neville H.; and Duncan, Hugh M., 4,497,297, Cl. 123-440.000.**
  - **Randle, James N., 4,519,628, Cl. 280-701.000.**
- **Austin, Stewart S.; Baldini, Joseph J., III; Jakubson, Joel E.; and Ryan, Clarke S., to AT&T Bell Laboratories. Error detection circuitry for digital systems. 4,507,783, 3-26-85, Cl. 371-49.000.**
- **Austpole Pty., Ltd.: *See—***
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- Australasian Training Aids (Pty.) Ltd.: *See—*
  - **Knight, Lindsay C., 4,505,481, Cl. 273-348.100.**
  - **Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.**
- Australian Atomic Energy Commission: *See—*
  - Eberhardt, John E., 4,535,241, Cl. 250-339.000.
- Australian Dairy Corporation: *See—*
  - **Hammond, Leslie A.; and Freeman, Norman H., 4,510,856, Cl. 99-457.000.**
- Australian National University, The: *See—*
  - **Brandstetter, Aharon, 4,513,167, Cl. 136-244.000.**
  - **Sargeson, Alan M.; Herlt, Anthony J.; and Harrowfield, John M., 4,497,737, Cl. 260-239.0BC.**
- **Austria Metall Aktiengesellschaft: *See—***
  - Eder, Theodor; and Koser, Jaroslav, 4,552,085, Cl. 114-84.000.
- **Austria Tabkwerke Aktiengesellschaft vorm. Osterreischische Tabakregie: *See—***
  - Peschetz, Johann, 4,515,542, Cl. 425-84.000.
- Autarkic Flow Controls: *See—*
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- **Aute Gesellschaft fur autogene Technik mbH: *See—***
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- **Autelca AG: *See—***
  - Dubey, Pierre, 4,492,296, Cl. 194-100.00A.
  - Lindenmuller, Johann, 4,504,259, Cl. 493-23.000.
  - Siegenthaler, Fritz, 4,553,694, Cl. 232-7.000.
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- Autenrieth, Veit: *See—*
  - **Hofle, Lothar; and Autenrieth, Veit, 4,547,105, Cl. 408-141.000.**
- **Auth, David C. Non-sticking electrocautery system and forceps. 4,492,231, 1-8-85, Cl. 128-303.170.**
- **Auth, David C.; Opie, Eric A.; and Lawrence, Dale M., to American Hospital Supply Corporation. Multipolar electrosurgical device and method. 4,532,924, 8-6-85, Cl. 128-303.170.**
- **Auth, David C.: *See—***
  - **Hilse, Gernot R. K.; Intlekofer, Michael J.; and Auth, David C., 4,561,807, Cl. 406-99.000.**
- **Auth, Gerald L., to Midac Corporation. Apparatus and method for photoluminescence analysis. 4,562,356, 12-31-85, Cl. 250-458.100.**
- **Auth, Werner, to Robert Bosch GmbH. Method and apparatus for lambda regulation in an internal combustion engine. 4,528,962, 7-16-85, Cl. 123-489.000.**
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- **Auto-Indexer: *See—***
  - **Marchese, Gerald R.; and Calhan, Richard B., 4,548,107, Cl. 83-23.000.**
- **Auto Logic, Inc.: *See—***
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- **Auto-Tint, Inc.: *See—***
  - **Tarr, Henry, 4,556,011, Cl. 118-46.000.**
- **Autoclave Engineers, Inc.: *See—***
  - Smith, Charles W., Jr., 4,532,984, Cl. 165-61.000.
  - **Zimmerman, Franz X., 4,509,179, Cl. 373-109.000.**
- **Autocon, Incorporated: *See—***
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- **Autocoussin: *See—***
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- **Autodynamics Corporation of America: *See—***
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- **Autoflow Engineering Limited: *See—***
  - **Soper, Peter H. H.; and Cammack, Andrew S., 4,535,566, Cl. 51-124.00L.**
- Autoflug GmbH: *See—*
  - **Butenop, Klaus; and Singer, Klaus-Peter, 4,518,131, Cl. 242-107.40B.**
  - **Ernst, Hans-Hellmut; and Seel, Holger, 4,509,707, Cl. 242-107.40A.**
  - **Sedlmayr, Gerhard, 4,518,174, Cl. 280-808.000.**
  - **Singer, Klaus-Peter; and Butenop, Klaus, 4,508,289, Cl. 242-107.40B.**
  - **Werkes, Heinz; and Nohren, Hubert, 4,540,987, Cl. 343-18.00B.**
  - **Zeumer, Monika; and Straszewski, Klaus, 4,560,204, Cl. 297-483.000.**
- **Autoflug-Stakupress GmbH & Co.: *See—***
  - **Straszewski, Klaus; Ender, Erhard; and Krutzfeldt, Herbert, 4,527,317, Cl. 24-641.000.**
- **Autoipari Kutato es Fejleszto Vallalat: *See—***
  - **Cser, Gyula, 4,513,699, Cl. 123-52.0MB.**
- **Autoipari Kutato Intezet: *See—***
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- **Autoliv AB: *See—***
  - **Andersson, Tommy, 4,531,687, Cl. 242-107.40A.**
  - **Gueguen, Daniel; and Rothera, Jacques, 4,497,458, Cl. 242-107.40B.**
- **Autologic, S.A.: *See—***
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- **Automated Container Corporation: *See—***
  - **Griffith, Edwin D., 4,538,758, Cl. 229-4.500.**
  - **Zysset, Edgar H., 4,511,299, Cl. 413-12.000.**
  - **Zysset, Edgar H., 4,535,909, Cl. 220-273.000.**
- **Automated Industrial Systems: *See—***
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  - **Lawrence, Merlin, 4,517,436, Cl. 219-121.0LH.**
- **Automated Medical Products Corporation: *See—***
  - **Meier, Hans, 4,491,435, Cl. 403-55.000.**
- **Automated Optics, Inc.: *See—***
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  - Tomesko, Charles L., 4,502,909, Cl. 156-356.000.
- **Automated Robotic Systems, Inc.: *See—***
  - **Dunn, Jimmy L.; Mayo, George L.; and Romeo, Frank C., 4,520,550, Cl. 29-568.000.**
- **Automated Swimpools, Inc.: *See—***
  - **Schuster, Siegfried; and Boes, Christian, 4,539,719, Cl. 4-491.000.**
- Automatic Liquid Packaging, Inc.: *See—*
  - **Weiler, Gerhard H.; Anderson, Paul A.; and Pagels, Louis T., 4,502,614, Cl. 222-148.000.**
  - **Weiler, Gerhard H.; and Pagels, Louis T., 4,519,513, Cl. 215-32.000.**
  - **Weiler, Gerhard H.; and Pagels, Louis T., 4,526,279, Cl. 215-32.000.**
  - Weiler, Gerhard H., 4,540,542, Cl. 264-524.000.
- Automatic Orange Juicer Corp., The: *See—*
  - Nelson, Stewart C., 4,509,418, Cl. 100-97.000.
- Automatic Roller Doors, Australia, Pty., Ltd.: *See—*
  - Perisic, Milan, 4,501,963, Cl. 250-231.0SE.
- Automatic Switch Company: *See—*
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Baur, Robert, 4,531,801, Cl. 339-89.00M.
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Burns, Edgar A.; and Johnson, James W., 4,547,032, Cl. 339-90.00R.
Clark, Thomas A., 4,514,024, Cl. 339-40.000.
Kutnyak, Thomas A.; Dunn, George T.; and Guiles, Chester L., 4,518,018, Cl. 138-130.000.
Kutnyak, Thomas A.; and Tolbert, Thomas W., 4,547,029, Cl. 339-16.00R.
Martens, George D.; Smith, Alexander B.; and Healy, Thomas D., 4,532,796, Cl. 73-632.000.
Martens, George D., 4,559,825, Cl. 73-622.000.
Ramsey, Robert W., Jr., 4,549,845, Cl. 414-620.000.
Torgersen, Robert H., 4,546,920, Cl. 239-102.000.
Van Brunt, Michael K.; and Madle, Peter, 4,547,623, Cl. 174-35.00R.
Automation Systems, Inc.: *See—*
Bartlett, Peter G., 4,499,549, Cl. 364-601.000.
Automatismes et Techniques Advancees: *See—*
Loustau, Desire, 4,494,580, Cl. 140-1.000.
Automatix Incorporated: *See—*
Libby, Charles J., Jr.; and Gaiman, Barry, 4,497,996, Cl. 219-124.340.
Automeg, Inc.: *See—*
Horvath, Joseph G.; and Miller, James C., 4,540,922, Cl. 318-490.000.
Automotive Engine Associates: *See—*
Showalter, Merle R., 4,493,292, Cl. 123-41.200.
Showalter, Merle R., 4,506,861, Cl. 251-139.000.
Showalter, Merle R., 4,506,998, Cl. 384-312.000.
Showalter, Merle R., 4,527,774, Cl. 251-337.000.
Showalter, Merle R., 4,557,236, Cl. 123-435.000.
Automotive Products Limited: *See—*
Temperley, Harry D.; and Joynes, Brian, 4,497,175, Cl. 60-581.000.
Windsor, Harry M.; and Mallion, Andrew J., 4,497,397, Cl. 192-0.076.
Windsor, Harry M., 4,518,064, Cl. 192-3.580.
Automotive Products plc: *See—*
Davies, David A., 4,537,297, Cl. 192-106.200.
Dixon, Alan G., 4,555,005, Cl. 192-70.270.
Hanson, William M., 4,537,524, Cl. 403-140.000.
Little, John B., 4,548,308, Cl. 192-106.200.
Nix, Richard; and Compton, David J., 4,516,748, Cl. 248-1.000.
Nix, Richard; and Leigh-Monstevens, Keith V., 4,551,976, Cl. 60-533.000.
Nix, Richard A.; and Leigh-Monstevens, Keith V., 4,557,361, Cl. 192-85.00C.
Osborne, Duncan W., 4,537,293, Cl. 188-196.0BA.
Parsons, David; Windsor, Harry M.; and Comfort, John V., 4,561,530, Cl. 192-0.076.
Webster, Henry G.; and Bainbridge, Wilfred N., 4,544,057, Cl. 192-0.076.
Wimbush, Maurice J., 4,503,678, Cl. 60-584.000.
Wimbush, Maurice J., 4,506,507, Cl. 60-584.000.
Young, Alastair J.; Arrowsmith, David R.; and Parsons, David, 4,561,531, Cl. 192-85.0CA.
Autophon AG.: *See—*
Anderegg, Fredy; Furrer, Josef; and Dappen, Heinz, 4,533,787, Cl. 174-68.500.
Autoquip Corporation: *See—*
Naegeli, Robert W., 4,531,614, Cl. 187-8.500.
Autry Industries, Inc.: *See—*
Autry, James C., 4,534,121, Cl. 36-35.00R.
Autry, James C., to Autry Industries, Inc. Insole with concentric circular heel structure. 4,534,121, 8-13-85, Cl. 36-35.00R.
Autry, Larry W.: *See—*
Poppe, Wassily; Chen, Yu-Tsai; and Autry, Larry W., 4,495,328, Cl. 524-606.000.
Auty, Richard M.: *See—*
Altounyan, Roger E. C.; and Auty, Richard M., 4,509,515, Cl. 128-200.230.
Auvil, Steven R.; and Mills, Patrick L., to Monsanto Company. Glycolaldehyde process. 4,503,260, 3-5-85, Cl. 568-462.000.
Auvil, Steven R.: *See—*
Coleman, James P.; Hallcher, Richard C.; McMackins, Dudley E.; Penquite, Charles R.; and Auvil, Steven R., 4,560,775, Cl. 549-326.000.
Auvray, Gerard: *See—*
d'Auria, Luigi; Auvray, Gerard; and Desormiere, Bernard, 4,529,986, Cl. 343-433.000.
Auwerda, Cornelis P.; and Koel, Gerrit J., to U.S. Philips Corporation. Method of manufacturing optical fibres. 4,493,721, 1-15-85, Cl. 65-3.120.
AuYeung, John: *See—*
McLauchlan, John M.; AuYeung, John; Tubbs, Eldred F.; Goss, Willis C.; and Psaltis, Demetri, 4,533,242, Cl. 356-5.000.
AuYeung, John C., to California Institute of Technology. Tunable graded rod laser assembly. 4,504,950, 3-12-85, Cl. 372-20.000.
Auzary, Louis: *See—*
Cuny, Francis; and Auzary, Louis, 4,527,038, Cl. 219-75.000.
Auzolat, Jean, to Equipements Automobiles Marchal. Windscreen-wiper element comprising a windscreen-wiper arm subjected to the action of a compression spring by means of a stop bracket. 4,497,084, 2-5-85, Cl. 15-250.340.
AVA International Corporation: *See—*
Akkerman, Neil H., 4,505,331, Cl. 166-117.500.
Akkerman, Neil H.; and Dewey, Daniel O., 4,519,575, Cl. 251-58.000.
Akkerman, Neil H., 4,522,259, Cl. 166-237.000.
Akkerman, Neil H., 4,540,047, Cl. 166-188.000.
Mills, Aubrey C.; and Akkerman, Neil H., 4,505,332, Cl. 166-120.000.
Vazquez, Gonzalo, 4,527,631, Cl. 166-322.000.
Avakian, Roger W., to General Electric Company. Thermally stabilized polyetherimides. 4,508,861, 4-2-85, Cl. 524-101.000.
Avakian, Roger W., to General Electric Company. Stabilization of flame retardant polycarbonate-polyester compositions. 4,555,540, 11-26-85, Cl. 524-130.000.
Avakian, Roger W.: *See—*
Allen, Richard B.; and Avakian, Roger W., 4,544,677, Cl. 521-91.000.
Avalon Research: *See—*
Coad, George L., 4,491,095, Cl. 123-46.00R.
Avar, Geza: *See—*
Haas, Peter; Avar, Geza; and Grammes, Hartwig, 4,540,626, Cl. 428-318.800.
Haas, Peter; Avar, Geza; and Grammes, Hartwig, 4,546,121, Cl. 521-164.000.
Avard, Duane A.: *See—*
Adams, William V.; and Avard, Duane A., 4,560,173, Cl. 277-15.000.
Avci, Sakir T.: *See—*
Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.
Avco Corporation: *See—*
Boshier, Geoffrey, 4,549,207, Cl. 358-107.000.
Colby, George V., Jr., 4,502,052, Cl. 343-458.000.
De Ferrari, Alfred; and Doddman, William H., 4,500,038, Cl. 239-85.000.
Dickey, Thomas A., 4,541,237, Cl. 60-39.281.
Harrill, Roy L.; and Odom, James T., 4,533,994, Cl. 364-200.000.
Laskaris, A. Theodore; and Roy, Paul J., 4,495,231, Cl. 428-36.000.
Loszewski, Raymond C.; and Alvarez, Robert T., 4,510,272, Cl. 523-400.000.
Petro, David J., 4,502,275, Cl. 60-39.270.
Rosenthal, Dan G.; and Fiedler, Louis J., 4,514,470, Cl. 428-662.000.
Avco Everett Research Laboratory, Inc.: *See—*
Dagenais, Dominique M., 4,518,232, Cl. 350-620.000.
Avdel Limited: *See—*
Clarke, Ronald L. C.; and Savage, Donald S., 4,506,536, Cl. 72-391.000.
Jeal, Harvey P., 4,557,649, Cl. 411-40.000.
Avedesian, Michael M. Apparatus and method involving supercritical fluid extraction. 4,493,797, 1-15-85, Cl. 530-507.000.
Avedian, Aaron M.; and Tyler, Verl A., to A & M Farms, Inc. Apparatus and method for separating produce such as raisins. 4,532,030, 7-30-85, Cl. 209-45.000.
Avella, Frank S.: *See—*
Johnson, Sigurd A.; Avella, Frank S.; and Jones, Robert I., 4,508,305, Cl. 208-455.000.
Avellino, Frank J.; and Johnson, Robert R., to GTE Products Corporation. Apparatus for monitoring the performance of a press or like machine. 4,547,891, 10-15-85, Cl. 377-16.000.
Avenel, Michel; Evrard, Paul; and Leca, Jean-Paul, to Societe Chimique des Charbonnages-CdF Chimie. Encapsulation of photocells with acrylic prepolymer. 4,549,033, 10-22-85, Cl. 136-251.000.
Avener, Marshall S. Protector device for electrical outlets. 4,531,800, 7-30-85, Cl. 339-75.00P.
Averbuch, Marie-Therese; Durif-Varambon, Andre; Gauthier, Sylviane; Nicolau, Ion F.; and Peuzin, Jean C., to Commissariat a l'Energie Atomique. Pyroelectric detector and vidicon. 4,492,857, 1-8-85, Cl. 250-211.00R.
Averhoff, Wil W. Fence post driving and pulling apparatus. 4,555,090, 11-26-85, Cl. 254-29.00R.
Averill, John A., to Allied Corporation. Analyzer maintenance. 4,535,522, 8-20-85, Cl. 29-280.000.
Avery, Carl F., to Marion Laboratories, Inc. Package for collecting cultures. 4,492,305, 1-8-85, Cl. 206-210.000.
Avery, Grant D., to Sprague Electric Company. Ferromagnetic article detector with dual Hall-sensors. 4,518,918, 5-21-85, Cl. 324-208.000.

- Avery International Corporation: *See—*
  - Allbright, Charles T.; and Culp, Dennis S., 4,492,724, Cl. 428-40.000.
  - Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, 4,537,809, Cl. 428-41.000.
  - Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, 4,549,063, Cl. 219-121.0LJ.
  - Freedman, Melvin S.; and Hartman, Paul H., 4,543,139, Cl. 156-152.000.
  - Hunt, Stuart B. D.; Chandler, Philip B.; and Harrison, Thomas L., 4,528,056, Cl. 156-253.000.
  - Moya, Edward J., 4,556,443, Cl. 156-356.000.
  - Parsons, Robert E.; Westcott, Martha L.; and Johnson, Susan L., 4,548,845, Cl. 428-40.000.
  - Van Ocker, William G.; Pawlenko, Ivan; Reider, Donald F.; Troebs, Charles J.; Clair, Robert A.; and Crandall, Stanley C., 4,493,572, Cl. 400-196.100.
- Avery, John: *See—*
  - Blomquist, Leonard A.; and Avery, John, 4,540,460, Cl. 156-571.000.
- Avery, Joseph J., to Sherburne Corporation. Snow-making nozzle. 4,516,722, 5-14-85, Cl. 239-14.000.
- Avery, Randall N., to Westinghouse Electric Corp. Reinforced tank wall structure for transformers. 4,492,314, 1-8-85, Cl. 220-71.000.
- Avery, Richard J., Jr. Refrigerant accumulator and charging apparatus and method for vapor-compression refrigeration system. 4,528,826, 7-16-85, Cl. 62-503.000.
- Avery, Robert C. Engine turning tool bracket. 4,535,655, 8-20-85, Cl. 81-484.000.
- Avery, Robert W., to Fairey Hydraulics, Ltd. Electric D.C. motors with a plurality of units, each including a permanent magnet field device and a wound armature for producing poles. 4,535,263, 8-13-85, Cl. 310-112.000.
- Aves, Gary A.: *See—*
  - Aves, William L., Jr.; and Aves, Gary A., 4,495,006, Cl. 148-16.500.
  - Aves, William L., Jr.; and Aves, Gary A., 4,533,403, Cl. 148-19.000.
- Aves, William L., Jr., to Dresser Industries, Inc. Carbosiliconizing ferrous substrates. 4,495,005, 1-22-85, Cl. 148-16.500.
- Aves, William L., Jr.; and Aves, Gary A., to Dresser Industries, Inc. Borocarburizing ferrous substrates. 4,495,006, 1-22-85, Cl. 148-16.500.
- Aves, William L., Jr.; and Aves, Gary A., to Dresser Industries, Inc. Pack composition for borocarburizing ferrous substrates. 4,533,403, 8-6-85, Cl. 148-19.000.
- Aves, William L., Jr., to Dresser Industries, Inc. Pack composition for carburosiliconizing ferrous substrates. 4,539,053, 9-3-85, Cl. 148-19.000.
- Avetisian, Ashot A.: *See—*
  - Petrosian, Ashot G.; Kuzanian, Armen S.; Ovanesian, Karine L.; Butaeva, Tatyana I.; Shirinian, Grigory O.; and Avetisian, Ashot A., 4,543,342, Cl. 501-86.000.
- Avey, Kenneth F. C., to British Matthews Limited, The. De-palletizer. 4,516,900, 5-14-85, Cl. 414-417.000.
- AVI Alpenlandische Veredelungs-Industrie Gesellschaft m.b.H.: *See—*
  - Ritter, Gerhard; and Ritter, Klaus, 4,539,787, Cl. 52-664.000.
- Avicola, Kenneth, to Exxon Production Research Co. Fiber optical modulator and data multiplexer. 4,545,253, 10-8-85, Cl. 73-655.000.
- Avidan, Amos A.; and Kam, Anthony Y., to Mobil Oil Corporation. Process for the conversion of alcohols and oxygenates to hydrocarbons in a turbulent fluid bed reactor. 4,513,160, 4-23-85, Cl. 585-640.000.
- Avidan, Amos A.; Gould, Ronald M.; and Kane, Steven E., to Mobil Oil Corporation. Conversion of oxygenates to lower olefins in a turbulent fluidized catalyst bed. 4,547,616, 10-15-85, Cl. 585-640.000.
- Avidon, Yakov. Apparatus for electrostatic paint spraying. 4,545,536, 10-8-85, Cl. 239-695.000.
- Avimage, Inc.: *See—*
  - Reynolds, Collins J., III, 4,521,857, Cl. 364-439.000.
- Avions Marcel Dassault - Breguet Aviation (AMD-BA): *See—*
  - Boulay, Jean-Louis; Larigaldie, Serge; and Reibaud, Jean-Louis, 4,531,691, Cl. 244-1.00A.
- Aviram, Ari; and Shih, Kwang K., to International Business Machines Corporation. Metal-insulator resistive ribbon for thermal transfer printing. 4,491,431, 1-1-85, Cl. 400-241.100.
- Aviram, Ari; and Shih, Kwang K., to International Business Machines Corporation. Chemical heat amplification in thermal transfer printing. 4,491,432, 1-1-85, Cl. 400-241.100.
- Aviram, Ari, to International Business Machines Corporation. Light induced capacitance changes in donor polymers (or small molecules) films and its use for information storage in video disks and the like. 4,538,252, 8-27-85, Cl. 369-13.000.
- Aviram, Ari: *See—*
  - Sachdev, Krishna G.; Sachdev, Harbans S.; Aviram, Ari; and Wizner, Mark A., 4,525,722, Cl. 346-1.100.
  - Sachdev, Krishna G.; and Aviram, Ari, 4,549,824, Cl. 400-241.100.
- Avis, Robert P., to Scott Paper Company. Wet-strengthened cellulosic webs. 4,557,801, 12-10-85, Cl. 162-157.600.
- AVL AG: *See—*
  - Marsoner, Hermann; and Ritter, Christoph, 4,496,512, Cl. 264-267.000.
  - Marsoner, Hermann; Harnoncourt, Karl; and List, Helmut, 4,501,296, Cl. 137-625.410.
  - Marsoner, Hermann; Ritter, Christoph; Kleinhappl, Erich; and Strutz, Winfried, 4,512,953, Cl. 422-67.000.
  - Marsoner, Hermann, 4,529,495, Cl. 204-411.000.
- Avmat Computers Ltd.: *See—*
  - Shapir, Ben A., 4,502,064, Cl. 346-160.000.
- Avner, Correy B. Secondary grilling apparatus. 4,510,855, 4-16-85, Cl. 99-450.000.
- Avon Industrial Polymers Limited: *See—*
  - Angell, Cyril E. N., 4,539,983, Cl. 128-201.190.
- Avon Murdoch Limited: *See—*
  - Murdoch, George, 4,527,843, Cl. 312-31.200.
- Avon Products, Inc.: *See—*
  - Hussain, Zahera J.; and Zukoski, Ronald D., 4,552,693, Cl. 252-522.00A.
- Avra, Raymond E.: *See—*
  - Herrington, Lawrence; and Avra, Raymond E., 4,537,367, Cl. 242-198.000.
- Avrameas, Stratis; and Guesdon, Jean-Luc, to Institut Pasteur. Conjugate obtained by coupling a lectin and a specific ligand, containing such a conjugate and its applications in biology. 4,526,871, 7-2-85, Cl. 436-504.000.
- Avrea, Walter C. Closure and valving apparatus. 4,498,599, 2-12-85, Cl. 220-203.000.
- Avril, Pierre, to Jeumont-Schneider Corporation. Protective cover for an exhaust fan motor. 4,494,450, 1-22-85, Cl. 98-42.020.
- Avtomobilny Zavod Imeni Leninskogo Komsomola: *See—*
  - Evlanov, Viktor I., 4,530,512, Cl. 280-661.000.
- Avtomontaza Ljubljana n.sub.o. Tovarna Gospodarskih vozil, trgovina in servis motornih vozil, TOZD Tovarna grelnih naprav n.sub.o.: *See—*
  - Zgonik, Miran, 4,538,925, Cl. 374-39.000.
- AVX Corporation: *See—*
  - Philofsky, Elliott; Parkinson, Ward; and Wilson, Dennis, 4,527,185, Cl. 357-70.000.
  - Prymak, John D., 4,509,103, Cl. 361-321.000.
  - Scrantom, DeHart G.; and Shealey, E. David, 4,539,740, Cl. 29-564.100.
  - Scrantom, Dehart G., 4,558,514, Cl. 29-838.000.
  - Scrantom, Dehart G.; and Hopkins, Lonnie, 4,561,954, Cl. 204-192.00R.
- AWA Engineering Co., Ltd.: *See—*
  - Kubo, Yoshiharu, 4,540,132, Cl. 242-67.10R.
- Awabdy, Issac A.: *See—*
  - Gleason, James R.; Shaffer, Roy E.; and Awabdy, Issac A., 4,559,377, Cl. 524-44.000.
- Awaji Sangyo Kabushiki Kaisha: *See—*
  - Mio, Mitsushi; and Negita, Hisao, 4,536,645, Cl. 219-543.000.
- Awalt, Thomas Y., Jr., to Deep Seven Company. Anchor handling and storage device. 4,528,929, 7-16-85, Cl. 114-210.000.
- Awalt, Thomas Y., Jr., to Deep Seven Company. Anchor boom assembly. 4,556,007, 12-3-85, Cl. 114-210.000.
- Awane, Katunobu: *See—*
  - Nakabu, Shigeo; Matsuda, Yuji; Yoshida, Hirokazu; Iwasaki, Masaru; Nukii, Takashi; and Awane, Katunobu, 4,544,989, Cl. 361-401.000.
  - Nukii, Takashi; Nakabu, Shigeo; Iwasaki, Masaru; and Awane, Katunobu, 4,514,042, Cl. 350-331.00R.
- Awano, Katsuya: *See—*
  - Irikura, Tsutomu; Suzue, Seigo; Okubo, Hideo; and Awano, Katsuya, 4,559,402, Cl. 546-121.000.
- Awano, Koichi; Nitta, Yoshifumi; and Ibe, Satoshi, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha; and Niigata Kisetsu Kabushiki Kaisha. Method for controlling temperature of water to be fed into water cooling tower. 4,554,964, 11-26-85, Cl. 165-39.000.
- Awano, Shunya; Koseki, Kazusuke; and Nishida, Masanori, to Ichikawa Woolen Textile Co., Ltd. Heat resistant pad for use with rear facilities of aluminium extrusion pressing machine. 4,529,644, 7-16-85, Cl. 428-284.000.
- Awano, Shunya; Koseki, Kazusuke; and Nishida, Masanori, to Ichikawa Woolen Textile Co., Ltd. Heat resistant pad for use with rear facilities of aluminum extrusion pressing machine. 4,541,264, 9-17-85, Cl. 72-257.000.
- Awata, Masashi: *See—*
  - Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, 4,517,296, Cl. 435-119.000.
- Awater, Albert: *See—*
  - Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., 4,517,141, Cl. 264-4.700.
  - Goyert, Wilhelm; Grimm, Wolfgang; Awater, Albert; Wagner, Hans; and Kruger, Bruno, 4,500,671, Cl. 524-494.000.
- Awaya, Akira: *See—*
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,147, Cl. 514-274.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.
- Awazu, Tatsuo: *See—*
  - Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.
- Awerbuch, Leon; and Rogers, Alfred N., to Electric Power Research Institute, Inc. Silica stabilization and reinjection for geothermal method and apparatus. 4,502,285, 3-5-85, Cl. 60-641.500.

Awerbuch, Leon; and Van der Mast, Victor C., to Bechtel International Corporation. Geothermal reboiler apparatus and method. 4,534,174, 8-13-85, Cl. 60-641.500.

Awerkamp, John B. Fluid-operated oil or water well pump. 4,492,537, 1-8-85, Cl. 417-404.000.

Axel Johnson Engineering AB: *See—*
- Hakansson, Sven; and Lundh, Bengt, 4,501,669, Cl. 210-770.000.

Axelrod, Lester: *See—*
- Oster, Stanley M.; and Axelrod, Lester, 4,537,099, Cl. 225-93.000.

Axelrod, Randolph H.; and Piascinski, Joseph J., to RCA Corporation. Heat-resistant, optically-black coating. 4,562,120, 12-31-85, Cl. 428-469.000.

Axelrod, Randolph H.: *See—*
- Piascinski, Joseph J.; Axelrod, Randolph H.; and Mount, James, 4,493,668, Cl. 445-40.000.

Axelrod, Robert J.; Campbell, John R.; and Ting, Sai-Pei, to General Electric Company. Compositions of polyphenylene ether resin and poly(tetra-alkylated bisphenol) having reduced melt viscosity. 4,507,436, 3-26-85, Cl. 525-92.000.

Axelrod, Robert J., to General Electric Company. Flame retardant composition of polyphenylene ether, styrene resin and cyclic phosphonate. 4,520,152, 5-28-85, Cl. 524-120.000.

Axelrod, Robert J., to General Electric Company. Flame retardant mixture of triaryl phosphates and resinous compositions thereof. 4,526,917, 7-2-85, Cl. 524-141.000.

Axelrod, Robert J., to General Electric Company. Process for preparing aryl phosphates. 4,562,011, 12-31-85, Cl. 260-978.000.

Axelrod, Shimshon: *See—*
- Keren, Yehuda; Carmon, Shmuel; Behar, Meyer; and Axelrod, Shimshon, 4,511,543, Cl. 423-167.000.

Axelson, Inc.: *See—*
- Bruton, Billy R., 4,505,291, Cl. 137-77.000.
- Snyder, David E., 4,523,602, Cl. 137-467.000.
- Vanderburg, Ralph W., 4,527,770, Cl. 251-26.000.

Axelson, John A., Jr.; and Wise, Kenneth M., to JBC Systems, Inc. Commodity handling system. 4,527,245, 7-2-85, Cl. 364-478.000.

Axelson, Peter W. Controllable sled for snow skiing. 4,524,984, 6-25-85, Cl. 280-18.000.

Axelsson, Carl-Lennart, to IPS Interproject Service AB. Carbon gasification method. 4,511,372, 4-16-85, Cl. 48-197.00R.

Axen, Rolf E.; Kaj, Goran L.; and Rigner, Bror S., to Pharmacia AB. Method of forming polymeric layers. 4,535,010, 8-13-85, Cl. 427-246.000.

Axenov, Ivan I.; Bren, Viktor G.; Padalka, Valentin G.; Sablev, Leonid P.; Stupak, Rimma I.; and Khoroshikh, Vladimir M. Vacuum-arc plasma apparatus. 4,551,221, 11-5-85, Cl. 204-298.000.

Axenov, Vladimir N.: *See—*
- Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.

Axer, Heinrich, to Joseph Vogele AG. Bituminous finisher. 4,493,585, 1-15-85, Cl. 404-102.000.

Axford, Robin; and Young, John R., to Bondax Carpets Limited. Apparatus for cutting carpet. 4,528,882, 7-16-85, Cl. 83-522.000.

Axford, Theodore G.: *See—*
- Sheldon, William W.; and Axford, Theodore G., 4,551,938, Cl. 43-4.500.

Axford, Wayne L. Guttering system. 4,551,956, 11-12-85, Cl. 52-12.000.

Axia Incorporated: *See—*
- Reed, Larry T., 4,493,746, Cl. 156-644.000.
- Reed, Larry T., 4,526,672, Cl. 204-428.000.

Axis Products Limited: *See—*
- Martin, Edward T., 4,509,411, Cl. 98-34.500.

Axiuk, Oleg: *See—*
- Porter, John F.; Walling, Joerg-Heim J.; and Axiuk, Oleg, 4,545,858, Cl. 162-267.000.

Axmann, Arnold, to Siemens Aktiengesellschaft. Arrangement for controlling the operation of a grabbing crane for loading and unloading a ship. 4,504,918, 3-12-85, Cl. 364-478.000.

Axmear, Frederick E.; and Collins, David W., to International Business Machines Corporation. Phase modulated servo system. 4,549,232, 10-22-85, Cl. 360-77.000.

Axonica, Inc.: *See—*
- Calenoff, Emanuel; Jones, Ruth M.; Tsay, Yuh-Geng; and Beigler, Myron A., 4,499,065, Cl. 424-9.000.

Axonics, Inc.: *See—*
- Barnes, Clarence W., 4,536,655, Cl. 250-461.100.
- Calenoff, Emanuel; Tsay, Yuh-Geng; Jones, Ruth M.; and Scott, John R., 4,528,267, Cl. 435-7.000.

Axthammer, Ludwig; and Wossner, Felix, to Fichtel & Sachs AG. Pressurized fluid device. 4,491,160, 1-1-85, Cl. 141-349.000.

Axthammer, Ludwig; and Wossner, Felix, to Fichtel & Sachs AG. Piston rod with an integral piston for a shock absorber. 4,508,201, 4-2-85, Cl. 188-322.190.

Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, to Nihon Tokushu Noyaku Seizo K.K. Herbicidally active substituted phenylsulfonylurea derivatives and intermediates therefor. 4,500,342, 2-19-85, Cl. 71-93.000.

Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; and Shiokawa, Kozo, to Nihon Tokushu Noyaku Seizo K.K. Herbicidally active methyl-substituted tetrahydro-2-pyrimidinone derivatives. 4,514,210, 4-30-85, Cl. 71-92.000.

Aya, Masahiro; Yasui, Kazuomi; and Kamochi, Atsumi, to Nihon Tokushu Noyaku Seizo K.K. Synergistic herbicidal mixtures of substituted phenylsulfonylurea derivatives and benzthiazol-2-yl-oxyacetic acid N-methylanilide. 4,530,717, 7-23-85, Cl. 71-90.000.

Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, to Nihon Tokushu Noyaku Seizo K.K. Herbicidally active novel substituted phenylsulfonylurea derivatives and intermediates therefor. 4,545,944, 10-8-85, Cl. 260-545.00R.

Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, to Nihon Tokushu Noyaku Seizo K.K. Certain 2-pyridyloxyacetanilides and their use as herbicides. 4,552,586, 11-12-85, Cl. 71-94.000.

Aya, Toshihiko: *See—*
- Kadoi, Sho; and Aya, Toshihiko, 4,539,392, Cl. 528-336.000.

Ayabe, Mitsukuni; Shimizui, Tunehiko; Kibayashi, Iwao; and Hirano, Hideki, to Denki Kagaku Kogyo Kabushiki Kaisha. Process for the preparation of hydantoin precursor of phenylalanine. 4,549,028, 10-22-85, Cl. 548-308.000.

Ayache, Charles. Eyeglass frame. 4,561,734, 12-31-85, Cl. 351-103.000.

Ayache, Liliane: *See—*
- Le Foyer de Costil, Carol; Ayache, Liliane; and Tisseyre, Jean-Paul, 4,545,990, Cl. 514-557.000.

Ayad, Hafez M.: *See—*
- Hodakowski, Leonard E.; and Ayad, Hafez M., 4,496,493, Cl. 260-940.000.

Ayada, Haruki: *See—*
- Takezawa, Susumu; Ikebe, Ken'ichi; Ayada, Haruki; Fukui, Tatsuyuki; and Okada, Munenori, 4,516,746, Cl. 244-170.000.

Ayano, Satoshi: *See—*
- Gaku, Morio; Kimbara, Hidenori; Ayano, Satoshi; and Yoshimura, Susumu, 4,533,727, Cl. 528-361.000.

Ayasli, Yalcin, to Raytheon Company. Bidirectional switch. 4,502,027, 2-26-85, Cl. 333-103.000.

Ayasli, Yalcin, to Raytheon Company. Distributed power amplifier. 4,543,535, 9-24-85, Cl. 330-53.000.

Ayata, Kenzo: *See—*
- Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,529,030, Cl. 164-468.000.
- Narita, Kiichi; Mori, Takasuke; and Ayata, Kenzo, 4,515,203, Cl. 164-468.000.
- Narita, Kiichi; Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,527,615, Cl. 164-468.000.

Ayata, Naoki; Shirato, Yoshiaki; Takatori, Yasushi; and Seki, Mitsuaki, to Canon Kabushiki Kaisha. Droplet generating method and apparatus therefor. 4,520,373, 5-28-85, Cl. 346-140.00R.

Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, to Canon Kabushiki Kaisha. Printing apparatus or system. 4,521,805, 6-4-85, Cl. 358-75.000.

Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, to Canon Kabushiki Kaisha. Image recording system having multiple image recording means. 4,527,885, 7-9-85, Cl. 355-3.00R.

Ayata, Naoki; and Konuki, Tadashi, to Canon Kabushiki Kaisha. Mask aligner having a malfunction disposal device. 4,553,834, 11-19-85, Cl. 355-53.000.

Ayata, Naoki: *See—*
- Koumura, Noboru; Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; and Ozawa, Kunitaka, 4,500,918, Cl. 358-75.000.
- Saito, Seiji; Ayata, Naoki; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,538,182, Cl. 358-280.000.

Aycock, Robert F.: *See—*
- Justice, Bruce H.; and Aycock, Robert F., 4,514,440, Cl. 427-85.000.

Aydin, Kemal, to Kadex, Incorporated. Electronic lock system. 4,534,194, 8-13-85, Cl. 70-278.000.

Ayengar, Padmasini K.: *See—*
- Aladjem, Frederick J.; and Ayengar, Padmasini K., 4,554,257, Cl. 436-519.000.

Ayer, John B., to Canadian Patents & Development Limited. Voltage controlled current switch with short circuit protection. 4,509,102, 4-2-85, Cl. 361-92.000.

Ayerbe, Andre: *See—*
- Porta, Augusto; Schaub, Maurice; Ayerbe, Andre; and Bunter, Guy, 4,560,455, Cl. 204-130.000.

Ayers, Buell O.; and Clardy, Edwin K. Pressure compensation for a chromatograph. 4,512,181, 4-23-85, Cl. 73-23.100.

Ayers, Ralph L.; Stovin, Garfield W.; and Szabo, Robert J., to Variform Plastics, Inc. Mobile home skirting system. 4,549,378, 10-29-85, Cl. 52-169.120.

Ayers, Ray R.; and Hemphill, Dean P., to Shell Oil Company. Method and apparatus for on surface joining of submarine pipeline segments using an eccentric hinge. 4,493,590, 1-15-85, Cl. 405-170.000.

Ayers, Ray R.; and Kipp, Robert M., to Shell Oil Company. Pipeline connector. 4,500,117, 2-19-85, Cl. 285-3.000.

Ayers, Ray R., to Shell Oil Company. Marine electrical plug. 4,500,151, 2-19-85, Cl. 339-59.00R.

Ayers, Ray R., to Shell Oil Company. Float recovery system. 4,516,517, 5-14-85, Cl. 114-51.000.

Ayers, Ray R., to Shell Oil Company. Activating mechanism. 4,526,206, 7-2-85, Cl. 138-89.000.

Ayers, Ray R., to Shell Oil Company. Barge-based oil barrier. 4,554,072, 11-19-85, Cl. 210-242.300.

Ayers, Ray R., to Shell Oil Company. Work platform. 4,556,341, 12-3-85, Cl. 405-195.000.

Ayers, Ray R.: *See—*
- Stevens, James W.; and Ayers, Ray R., 4,525,101, Cl. 405-169.000.

Ayers, William, to Energy Conversion Devices, Inc. Mobile atom insertion reaction, mobile atom transmissive membrane for carrying out the reaction, and reactor incorporating the mobile atom transmissive membrane. 4,547,273, 10-15-85, Cl. 204-73.00R.

Ayers, William J., Jr.; Carter, Charles R.; Griffith, Richard A.; Loomis, Richard B.; and Notestein, John E., to United States of America, Energy. Sliding-gate valve for use with abrasive materials. 4,524,796, 6-25-85, Cl. 137-240.000.

Ayers, William R. Phase separation detecting filter. 4,539,107, 9-3-85, Cl. 210-96.100.

Ayerst, McKenna & Harrison, Inc.: *See—*
Asselin, Andre A.; and Humber, Leslie G., 4,510,157, Cl. 514-411.000.
Asselin, Andre A.; and Humber, Leslie G., 4,521,423, Cl. 514-290.000.
Asselin, Andre A.; and Humber, Leslie G., 4,522,946, Cl. 514-284.000.
Gauthier, Jean A.; and Jirkovsky, Ivo L., 4,492,697, Cl. 424-248.400.
Gauthier, Jean A.; Voith, Katherine; and Asselin, Andre A., 4,521,534, Cl. 514-219.000.
Sestanj, Kazimir; Fung, Steven; Abraham, Nedumparambil A.; and Bellini, Francesco, 4,499,310, Cl. 568-634.000.

Aykut, Eva-Marie, executor: *See—*
Aykut, Kurt, deceased; Aykut, Eva-Marie, executor; and Wolf, Wolfram, 4,520,614, Cl. 53-540.000.

Aykut, Kurt; and Reissmann, Klaus, to E.C.H. Will (GmbH & Co.). Apparatus for gathering and singularizing stacks of paper sheets or the like. 4,518,075, 5-21-85, Cl. 198-460.000.

Aykut, Kurt, deceased; by Aykut, Eva-Marie, executor; and Wolf, Wolfram. Apparatus for introducing stacks of paper sheets or the like into cartons. 4,520,614, 6-4-85, Cl. 53-540.000.

Ayliffe, Peter J.: *See—*
Crossland, William A.; Ross, Peter W.; and Ayliffe, Peter J., 4,511,926, Cl. 358-236.000.
Crossland, William A.; Coates, David; and Ayliffe, Peter J., 4,528,562, Cl. 340-805.000.

Ayoub, Peter; and Cantor, Alan, to United States of America, Navy. Deployment sequence mode selection system for aircraft ejection seat. 4,527,758, 7-9-85, Cl. 244-150.000.

Ayres, Barry E.: *See—*
O'Callaghan, Cynthia H.; Ayres, Barry E.; Livermore, David G. H.; Newall, Christopher E.; and Weir, Niall G., 4,504,477, Cl. 514-203.000.

Ayres, Charles A.: *See—*
Messura, Kathleen A.; and Ayres, Charles A., 4,499,263, Cl. 528-483.000.

Ayres, Paul S.; Ziels, Burton D.; and Chen, Chou-Ming, to Babcock & Wilcox Company, The. Vacuum insulated stem injection tubing. 4,512,721, 4-23-85, Cl. 417-51.000.

Ayroldi, Giuseppe. Apparatus for the recovery of oils or other similar substances floating on streaming water courses. 4,511,470, 4-16-85, Cl. 210-242.300.

Ayroldi, Giuseppe. Apparatus for the recovery of oils or other similar pollutants floating on bodies of water, including the open seas. 4,514,299, 4-30-85, Cl. 210-242.300.

Aytac, Haluk M. Three-level MOS logic circuit. 4,518,875, 5-21-85, Cl. 307-473.000.

Ayukawa, Taizo, to Kakudai Shosan Kabushiki Kaisha; and Taizo Ayukawa. Hair tonic composition. 4,508,707, 4-2-85, Cl. 424-70.000.

Ayusawa, Kazutoshi; Satoh, Hosaku; and Kazama, Munetada, to Oki Electric Industry Co., Ltd. Microwave dielectric ceramic compositions. 4,550,089, 10-29-85, Cl. 501-139.000.

Ayusawa, Tadashi; Aoki, Tadamichi; and Hamana, Ryozo, to Mitsubishi Petrochemical Co., Ltd. Process for production of piperidine. 4,544,749, 10-1-85, Cl. 546-184.000.

Azad, Farzin H.: *See—*
Kim, Wontaik; and Azad, Farzin H., 4,516,864, Cl. 374-130.000.

Azar, Jack C.: *See—*
Henry, Arnold W.; Azar, Jack C.; and Sagal, John, 4,518,655, Cl. 428-329.000.

Azgapetian, Alice M., executrix: *See—*
Azgapetian, Victor, deceased, 4,514,056, Cl. 350-372.000.

Azgapetian, Victor, deceased (by Azgapetian, Alice M., executrix), to United States of America, Air Force. Acoustically tuned optical filter system. 4,514,056, 4-30-85, Cl. 350-372.000.

Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F. S.p.A.: *See—*
Silvestrini, Bruno, 4,554,288, Cl. 514-418.000.

Azionaria Costruzioni Macchine Automatiche - A.C.M.A. - S.p.A.: *See—*
Rueff, Herbert; and Manfredi, Oscar, 4,558,555, Cl. 53-493.000.

Azizian, Hormoz: *See—*
Rempel, Garry L.; and Azizian, Hormoz, 4,503,196, Cl. 525-338.000.

Azmon, Emanuel: *See—*
Tuval, Miron; Azmon, Emanuel; and Melamed, Avraham, 4,491,367, Cl. 299-4.000.

Azonic Technology, Inc.: *See—*
Dunn, Joseph V., 4,559,098, Cl. 156-345.000.

Azrack-Hamway International, Inc.: *See—*
Turbowitz, Leslie; and Pipa, William, 4,540,376, Cl. 446-164.000.

Azrak-Hamway International, Inc.: *See—*
Pipa, William J.; and Turbowitz, Leslie D., 4,545,451, Cl. 180-70.100.

AZS Corporation: *See—*
Duncan, John J.; and Zvejnieks, Andrejs, 4,539,368, Cl. 524-748.000.

Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, to Hitachi, Ltd. Fuel jet method and apparatus for pulverized coal burner. 4,515,094, 5-7-85, Cl. 110-347.000.

Azuma, Chiaki: *See—*
Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi; Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro, 4,556,619, Cl. 430-17.000.

Azuma, Hiroshi: *See—*
Ishikawa, Masayuki; Azuma, Hiroshi; Sugimoto, Akiko; Takahashi, Noriko; and Takashima, Yoshimi, 4,517,189, Cl. 514-259.000.

Azuma, Ichiro: *See—*
Yamamura, Yuichi; Azuma, Ichiro; Ennyu, Katsusuke; and Aoki, Osamu, 4,543,253, Cl. 514-21.000.

Azuma, Kazufumi; Nakatani, Mitsuo; Nate, Kazuo; Okunaka, Masaaki; and Yokono, Hitoshi, to Hitachi, Ltd. Process for forming thin film. 4,495,218, 1-22-85, Cl. 427-53.100.

Azuma, Kazufumi; Nate, Kazuo; Nakatani, Mitsuo; Yokono, Hitoshi; and Endo, Takeshi, to Hitachi, Ltd. Photosensitive resin composition. 4,530,746, 7-23-85, Cl. 204-159.130.

Azuma, Kenichi: *See—*
Imai, Hiroshi; Takeuchi, Keiji; Azuma, Kenichi; and Ozaki, Hironori, 4,529,052, Cl. 180-6.480.

Azuma, Nobuo; Satoh, Kenji; Mohri, Katsuo; and Furuhata, Takashi, to Hitachi, Ltd. Device for controlling consecutive recording of video information signals from video camera. 4,507,690, 3-26-85, Cl. 360-33.100.

Azuma, Noriharu; and Suetomo, Shigeru, to Arakawa Kagaku Kogyo Kabushiki Kaisha. Process for preparing hydrogenated petroleum resin. 4,540,480, 9-10-85, Cl. 208-44.000.

Azuma, Saburo: *See—*
Ida, Jinsei; Hagimoto, Yosio; Takahashi, Masao; and Azuma, Saburo, 4,494,282, Cl. 29-33.00P.

Azuma, Tadashi; Akamatsu, Yoshihiro; Akiyama, Hiroyuki; and Yoshimura, Shohei, to Fujimori Kogyo Co., Ltd.; and Japan Styrene Paper Corporation. Electrical conductive foam beads and molded electrical conductive foamed articles obtained therefrom. 4,496,627, 1-29-85, Cl. 428-336.000.

Azuma, Toru: *See—*
Hada, Kazunari; Fujii, Norio; Kawahara, Atsushi; Azuma, Toru; and Hazama, Junji, 4,506,382, Cl. 382-27.000.

Azuma, Yoshifumi: *See—*
Mukae, Toshiyuki; and Azuma, Yoshifumi, 4,521,105, Cl. 355-64.000.

Azuma, Yusaku; Kitayama, Yoshifumi; and Kawaida, Shinji, to Bridgestone Tire Company Limited. Strip deforming apparatus. 4,510,011, 4-9-85, Cl. 156-407.000.

Azumaya, Noriyoshi: *See—*
Saito, Shojiro; and Azumaya, Noriyoshi, 4,533,266, Cl. 400-208.000.

Azumi, Takashi; Maruyama, Takesuke; and Hisada, Takanori, to Hitachi, Ltd. Lens system with plastic lenses compensating for temperature changes. 4,557,567, 12-10-85, Cl. 350-427.000.

Azumi, Toshinori: *See—*
Norota, Susumi; Kiriyama, Tsutomu; Imoto, Tadashi; and Azumi, Toshinori, 4,521,364, Cl. 264-176.00F.

Azypatent AG: *See—*
Gippa, Michelangelo, 4,523,359, Cl. 29-38.00A.
Mandozzi, Aldo, 4,496,038, Cl. 198-339.000.

Azzara, Frank. Ironing board attachment. 4,525,942, 7-2-85, Cl. 38-106.000.

Azzaroni, Cesare. Automatic machine for unloading and reloading films from and into X ray cassettes. 4,539,794, 9-10-85, Cl. 53-493.000.

Azzola, Roberto: *See—*
Ballocca, Guido; and Azzola, Roberto, 4,531,326, Cl. 49-497.000.

B.A.T. Cigaretten-Fabriken GmbH: *See—*
Grell, Karl-Heinz; and Krappitz, Heinz, 4,535,885, Cl. 198-695.000.
Hesterberg, Eugen, 4,557,101, Cl. 53-50.000.
Hirsch, Werner; and Ehling, Uwe, 4,507,875, Cl. 34-44.000.
Krappitz, Heinz; Carstensen, Hans-Peter; and Weinhold, Friedrich, 4,517,829, Cl. 73-49.800.
Rudolph, Gert; and Rodemeyer, Gunther, 4,516,588, Cl. 131-291.000.
Schneider, Werner; Pangritz, Dirk; and Riedesser, Walter, 4,548,677, Cl. 162-139.000.
Weiss, Arno; and Ulrich, Jorn, 4,523,598, Cl. 131-291.000.
Weiss, Arno; and Gaisser, Horst, 4,557,057, Cl. 34-48.000.

B. B. Robertson Company: *See—*
Robertson, Michael L., 4,510,854, Cl. 99-337.000.

B&B Specialties Inc.: *See—*
Bauer, Gerald; and Swan, Henry B., 4,543,942, Cl. 126-314.000.

B-Bar-B, Inc.: *See—*
Ellert, Roger H., 4,510,737, Cl. 53-570.000.

B. Bunch Company, Inc.: *See—*
Bunch, Earnest B., Jr., 4,547,184, Cl. 493-414.000.
Bunch, Ernest B., Jr., 4,558,644, Cl. 101-226.000.

B. D. Wait Co. Limited: *See—*
Wignall, Robert A.; and Travale, Samuel, 4,540,530, Cl. 261-92.000.

B. F. Goodrich Company, The: *See—*
Ahmad, Shamim; and Schaefer, Ronald J., 4,519,430, Cl. 152-209.00R.
Amjad, Zahid; and Masler, William F., III, 4,532,048, Cl. 210-701.000.

Babbin, William R.; and Messerly, James W., 4,512,942, Cl. 264-26.000.
Babbin, William R., 4,559,095, Cl. 156-244.130.
Barron, Larry R.; and Wang, Pao-Chi, 4,507,443, Cl. 525-453.000.
Bynoe, Robert J., 4,492,064, Cl. 52-309.800.
Chasar, Dwight W., 4,495,320, Cl. 524-101.000.
Chasar, Dwight W., 4,501,684, Cl. 252-400.00A.
Chasar, Dwight W., 4,507,416, Cl. 524-101.000.
Chasar, Dwight W.; and Matheny, Perry D., 4,515,733, Cl. 260-988.000.
Chasar, Dwight W., 4,520,151, Cl. 524-101.000.
Chasar, Dwight W., 4,522,735, Cl. 252-49.900.
Chasar, Dwight W., 4,529,533, Cl. 524-101.000.
Devry, William E., 4,524,093, Cl. 427-389.900.
Doljack, Frank A., 4,541,063, Cl. 364-550.000.
Ely, Duain N.; and Macarchenia, Joseph H., 4,516,745, Cl. 244-134.00A.
Fisher, John M., 4,519,782, Cl. 441-40.000.
Fisher, John M.; and Putt, James C., 4,520,838, Cl. 137-69.000.
Fisher, John M., 4,534,445, Cl. 182-48.000.
George, Thomas R., Jr.; and Lochhead, Robert Y., Jr., 4,536,528, Cl. 524-313.000.
Grider, Bruce A., 4,511,021, Cl. 188-218.0XL.
Hall, Dale R.; and Jackson, Robert L., 4,542,170, Cl. 523-179.000.
Heimovics, John F., Jr., 4,513,881, Cl. 222-54.000.
Hoff, Charles M., Jr., 4,506,981, Cl. 356-347.000.
Hsu, Chin C., 4,526,937, Cl. 524-724.000.
Huang, Chor; and Schlatzer, Robert K., 4,509,949, Cl. 586-558.000.
Kapiloff, Anita G.; and Hatch, Randolph T., 4,496,470, Cl. 252-181.000.
Kramer, James H., 4,497,593, Cl. 405-212.000.
Kugelman, Michael M., 4,514,619, Cl. 219-483.000.
Lai, John T., 4,496,772, Cl. 568-704.000.
Lai, John T., 4,500,662, Cl. 524-99.000.
Lai, John T., 4,523,032, Cl. 562-478.000.
Lai, John T.; and Son, Pyong N., 4,547,538, Cl. 524-100.000.
Landsness, Clifford A.; and Buehrle, Thomas M., 4,498,042, Cl. 324-54.000.
Landsness, Clifford A., 4,547,251, Cl. 156-415.000.
Landsness, Clifford A., 4,552,602, Cl. 156-157.000.
Masler, William F., III; and Amjad, Zahid, 4,499,002, Cl. 252-180.000.
McRowe, Arthur W.; and Brown, Randall J., 4,507,414, Cl. 524-100.000.
Minchak, Robert J.; and Schenk, William N., 4,522,902, Cl. 429-252.000.
Myers, Ronald E., 4,533,726, Cl. 528-336.000.
Myers, Ronald E., 4,535,147, Cl. 528-321.000.
Myers, Ronald E., 4,544,695, Cl. 524-405.000.
Okamoto, Yoshihisa, 4,540,742, Cl. 525-61.000.
Parish, James M., 4,499,844, Cl. 114-367.000.
Percec, Virgil, 4,562,243, Cl. 528-174.000.
Rahrig, Douglas B., 4,536,360, Cl. 264-142.000.
Ramp, Floyd L.; and Stiberth, Lothar F., 4,558,086, Cl. 524-399.000.
Rhee, Chong-Kon, 4,539,365, Cl. 524-495.000.
Riew, Changkiu K.; and Howard, Frank H., 4,496,692, Cl. 525-112.000.
Rundo, John R., 4,499,703, Cl. 52-746.000.
Rundo, John R., 4,545,549, Cl. 242-158.40R.
Sarver, Glen E.; and Worstell, Bernard W., 4,513,768, Cl. 137-142.000.
Schneider, Wolfgang; and Lenczyk, John P., 4,547,599, Cl. 570-241.000.
Schollenberger, Charles S., 4,552,932, Cl. 525-440.000.
Shah, Pravinchandra K.; and Antlfinger, George J., 4,501,789, Cl. 428-274.000.
Shaw, Chong-Kuang, 4,515,957, Cl. 548-177.000.
Starmer, Philip H., 4,529,766, Cl. 524-310.000.
Stuhldreher, Terrence M.; and Rockarts, Rene L., 4,531,902, Cl. 425-408.000.
Traynor, Lee, 4,543,402, Cl. 526-258.000.
Tucker, Harold A., 4,500,684, Cl. 525-327.300.
Weaver, David E., 4,507,425, Cl. 524-460.000.
Weisend, Norbert A., Jr., 4,494,715, Cl. 244-134.00A.
Weisend, Norbert A., Jr.; and Beard, William A., Jr., 4,526,031, Cl. 73-147.000.
Weisend, Norbert A., Jr., 4,561,613, Cl. 244-134.00A.
Wootton, Gerald V., 4,492,613, Cl. 203-39.000.
Worcester, Winthrop S., 4,548,663, Cl. 156-159.000.
Wright, Robert B., 4,535,490, Cl. 4-585.000.
Yang, Wei-Yeih W.; and Okamoto, Yoshihisa, 4,496,514, Cl. 264-328.600.
Yu, Simon H., 4,511,742, Cl. 568-614.000.

B. & G. Consultants, Inc.: *See—*
Groves, George D., 4,515,349, Cl. 256-1.000.

B & G Plastics, Inc.: *See—*
Kolton, Chester; and Spater, Stuart S., 4,512,093, Cl. 40-20.00R.

B.H.F. (Engineering) Ltd.: *See—*
Vilk, Peter; and Stephens, Alan, 4,494,974, Cl. 65-337.000.

B & H Manufacturing Company, Inc.: *See—*
Hoffman, Wolfgang, 4,500,386, Cl. 156-449.000.
Hoffmann, Wolfgang, 4,545,832, Cl. 156-86.000.
Hoffmann, Wolfgang; and West, Michael, 4,552,608, Cl. 156-351.000.

B.H. S.A.: *See—*
Beistegui Chirapozu, Jose L., 4,548,406, Cl. 272-73.000.

B & H Technologies, Inc.: *See—*
Baumberg, Iosif, 4,519,749, Cl. 417-158.000.

B.I. Incorporated: *See—*
Carroll, Gary T.; and Hunter, Robert D., 4,549,264, Cl. 364-406.000.

B/K Patent Development Company, Inc.: *See—*
Schwab, Pierre P., 4,541,032, Cl. 361-331.000.

B.M.H. Feedgear: *See—*
McLeod, Alasdair D., 4,492,299, Cl. 198-417.000.

B.P. Australia Limited: *See—*
Mainwaring, David E.; and Jones, Charles U., 4,539,010, Cl. 44-1.00C.

B & P Barnett Limited: *See—*
Collins, Anthony J., 4,545,358, Cl. 124-88.000.

B & R Choiniere: *See—*
Laliberte, Jacques; and Choiniere, Gabriel, 4,561,805, Cl. 406-71.000.

B.S.P. Packaging Systems di Pattarozzi D. & C.s.a.s.: *See—*
Pattarozzi, Domenico, 4,551,052, Cl. 414-81.000.

B. V. Arenco P.M.B.: *See—*
Boogers, Wilhelmus P. L., 4,505,281, Cl. 131-105.000.

B.W.B. Controls, Inc.: *See—*
Bergeron, Ned; and Stollberg, Theodore A., 4,499,846, Cl. 116-272.000.
Bergeron, Ned A., 4,535,899, Cl. 212-153.000.

Baab, Heribert, to Metallgesellschaft Aktiengesellschaft. Wet-process dust-collecting apparatus especially for converter exhaust gases. 4,505,724, 3-19-85, Cl. 55-118.000.

Baab, William E.: *See—*
Hummel, John E.; and Baab, William E., 4,526,565, Cl. 493-196.000.

Baader, Bernd: *See—*
Geyer, Christoph; and Baader, Bernd, 4,528,570, Cl. 346-74.200.

Baader, Wolfgang. Apparatus for the treatment of animal excrements and sewage sludges. 4,498,855, 2-12-85, Cl. 425-308.000.

Baak, Tryggve, to Schlumberger Technology Corporation. Reinforced and chemically resistant optical filament. 4,504,113, 3-12-85, Cl. 350-96.330.

Baardman, Frank: *See—*
van Helden, Robert; Baardman, Frank; and Syrier, Johannes L. M., 4,533,379, Cl. 71-88.000.

Baas, Gerardus C. Disc for the protection of the udder of a cow. 4,495,896, 1-29-85, Cl. 119-146.000.

Baas, Willem; Hof, Tette; Comes, Heinrich; Jaunich, Helmut; and Krampe, Hubert, to Hoogovens Groep B.V.; and Foseco Trading A.G. Method of operating a mixer type hot metal car for the transport of molten iron and a device for carrying out the method. 4,524,954, 6-25-85, Cl. 266-45.000.

Baasch, Richard H. Method and apparatus for liquefying snow. 4,506,656, 3-26-85, Cl. 126-343.50R.

Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, to Bayer Aktiengesellschaft. Process for the preparation of fluorinated nitroalkanes. 4,518,812, 5-21-85, Cl. 568-946.000.

Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, to Bayer Aktiengesellschaft. Preparation of fluorinated nitroalkanes. 4,533,776, 8-6-85, Cl. 568-946.000.

Baasner, Bernd; and Klauke, Erich, to Bayer Aktiengesellschaft. Process for the preparation of benzal chlorides. 4,558,166, 12-10-85, Cl. 570-144.000.

Baatrup, Johannes V., to Danfoss A/S. Tool, particularly a boring tool. 4,557,338, 12-10-85, Cl. 173-134.000.

Baatrup, Johannes V.; and Pedersen, Harry E., to Danfoss A/S. Hydrostatic steering device steering wheel travel limits. 4,558,759, 12-17-85, Cl. 180-132.000.

Baatz, Henning; Ritsscher, Dieter; and Wriegt, Jurgen, to GNS Gesellschaft fur Nuklear-Service mbH. Radiation-shielding transport and storage container. 4,528,454, 7-9-85, Cl. 250-506.100.

Baba, Akinori, to Mitsubishi Denki Kabushiki Kaisha. Backup control apparatus. 4,562,528, 12-31-85, Cl. 364-133.000.

Baba, Fumio, to Fujitsu Limited. Double bootstrapped clock buffer circuit. 4,542,307, 9-17-85, Cl. 307-482.000.

Baba, Fumio; Mochizuki, Hirohiko; and Miyahara, Hatsuo, to Fujitsu Limited. Semiconductor memory device. 4,558,434, 12-10-85, Cl. 365-189.000.

Baba, Keikichi: *See—*
Takitani, Masaru; Tomiyasu, Shizuo; and Baba, Keikichi, 4,525,558, Cl. 526-142.000.

Baba, Kenichi: *See—*
Yazawa, Kenji; and Baba, Kenichi, 4,539,264, Cl. 428-621.000.
Yazawa, Kenji; and Baba, Kenichi, 4,543,301, Cl. 428-621.000.

Baba, Kiyokazu, to Kabushiki Kaisha Komatsu Seisakusho. Device for splitting a pair of segmented transfer bars of a transfer press or the like. 4,503,969, 3-12-85, Cl. 198-621.000.

Baba, Kiyokazu, to Kabushiki Kaisha Komatsu Seisakusho. Apparatus for palletizing pressings. 4,536,118, 8-20-85, Cl. 414-43.000.

Baba, Kiyokazu; and Nishida, Kenji, to Kabushiki Kaisha Komatsu Seisakusho. Method and device for separating and connecting transfer bar of three upright type transfer press. 4,555,012, 11-26-85, Cl. 198-621.000.

Baba, Masanao: *See—*
Teraura, Makoto; and Baba, Masanao, 4,501,218, Cl. 114-144.00R.
Teraura, Makoto; and Baba, Masanao, 4,531,921, Cl. 440-53.000.

Baba, Masatoshi: *See—*
Tanaka, Norio; Taniguchi, Masakazu; Baba, Masatoshi; Ikai, Takashi; Nawamaki, Tsutomu; and Matsunaga, Masaji, 4,557,753, Cl. 71-92.000.
Baba, Masayuki: *See—*
Honma, Kenji; Asami, Toshio; Baba, Masayuki; and Nakayama, Sumio, 4,515,384, Cl. 280-276.000.
Baba, Morimitsu, to Asahi Glass Company Ltd.; and Baba Seisakusho Co., Ltd. Apparatus for spreading a polyurethane foamable compositon. 4,513,893, 4-30-85, Cl. 222-281.000.
Baba, Nobuyuki: *See—*
Matsushita, Susumu; Tada, Yoshimitsu; Ikushige, Tetsuo; and Baba, Nobuyuki, 4,556,538, Cl. 422-70.000.
Baba Seisakusho Co., Ltd.: *See—*
Baba, Morimitsu, 4,513,893, Cl. 222-281.000.
Baba, Seizo: *See—*
Kato, Heiji; Kizaki, Kanji; and Baba, Seizo, 4,539,833, Cl. 72-243.000.
Baba, Shirou: *See—*
Hirayama, Takeshi; Amano, Matsuo; Sasayama, Takao; and Baba, Shirou, 4,561,056, Cl. 364-431.050.
Baba, Susumu, to Murata Kikai Kabushiki Kaisha. Yarn splicing apparatus for spun yarns. 4,505,098, 3-19-85, Cl. 57-22.000.
Baba, Takao: *See—*
Asami, Kazuto; Baba, Takao; Nakamura, Minoru; and Tanaka, Mitsuaki, 4,554,775, Cl. 53-64.000.
Baba, Takashi: *See—*
Yoshida, Kokichi; Niinobe, Takao; and Baba, Takashi, 4,505,788, Cl. 204-74.000.
Baba, Takeshi; and Matsuoka, Kazuhiko, to Canon Kabushiki Kaisha. Colored image reading apparatus. 4,517,589, 5-14-85, Cl. 358-75.000.
Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, to Canon Kabushiki Kaisha. Scanning optical system subjected to a moisture proof treatment. 4,523,801, 6-18-85, Cl. 350-6.800.
Baba, Tetsuro: *See—*
Nemoto, Michio; Yoshida, Kiyokazu; and Baba, Tetsuro, 4,516,101, Cl. 335-208.000.
Baba, Toru; and Saito, Yasuo, to Kioritz Corporation. Mowing machine with annular inertia shifter. 4,557,052, 12-10-85, Cl. 30-276.000.
Baba, Yasuo; and Asano, Ichiro, to Horiba, Ltd. Apparatus for automatically phase-calibrating. 4,559,492, 12-17-85, Cl. 324-83.00D.
Baba, Yuko, to Nissan Motor Company, Limited; and Hashimoto Forming Kogyo Co., Ltd. Mold for molding wheel cover having spoke-like portions. 4,530,484, 7-23-85, Cl. 249-56.000.
Babai, Matzliach; and Maishar, Uzi. Cathode and electrochemical cell containing same. 4,499,160, 2-12-85, Cl. 429-101.000.
Babaian, Eduard A.: *See—*
Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I., 4,529,589, Cl. 424-81.000.
Babany, Lucien: *See—*
Bursztejn, Jacques; and Babany, Lucien, 4,562,307, Cl. 179-2.00E.
Babasade, Wolfgang. Induction smoke regenerator and method for producing natural smoke. 4,558,196, 12-10-85, Cl. 219-10.510.
Babb, Albert L., to Biomedics, Inc. Chemotherapeutic agent and tracer composition and use thereof. 4,528,178, 7-9-85, Cl. 424-7.100.
Babb, Bruce E.: *See—*
LiMuti, Charles M.; Babb, Bruce E.; and Mauck, John C., 4,555,483, Cl. 435-19.000.
Babb, John H., Jr.; and Marotto, Robert A., to Kysor Industrial Corporation. Security strike assembly. 4,550,939, 11-5-85, Cl. 292-340.000.
Babb, Larry F., to Emerson Electric Co. Tube flaring tool die assembly. 4,526,023, 7-2-85, Cl. 72-116.000.
Babbel, John H.; Russell, William A.; and Steele, Robert B., to Ampex Corporation. Audio/video system having touch responsive function display screen. 4,521,870, 6-4-85, Cl. 364-900.000.
Babbin, William R.; and Messerly, James W., to B. F. Goodrich Company, The. Method and apparatus for vulcanizing hose. 4,512,942, 4-23-85, Cl. 264-26.000.
Babbin, William R., to B. F. Goodrich Company, The. Vulcanization of hose composites protected with thermoplastic jackets. 4,559,095, 12-17-85, Cl. 156-244.130.
Babbitt, Brett A.; and Le, Tri C., to Joy Manufacturing Company. Mechanically preloaded packing assembly. 4,516,752, 5-14-85, Cl. 251-214.000.
Babbitt, Brett A.; Le, Tri C.; and Noble, Bruce P., to Joy Manufacturing Company. Expanding gate valve with fluid-powered actuator. 4,535,967, 8-20-85, Cl. 251-54.000.
Babbitt, Richard W.: *See—*
Bayha, William T.; Borowick, John; Stern, Richard A.; and Babbitt, Richard W., 4,516,131, Cl. 343-785.000.
Mariani, Elio A.; Stern, Richard A.; and Babbitt, Richard W., 4,538,123, Cl. 333-208.000.
Stern, Richard A.; and Babbitt, Richard W., 4,517,536, Cl. 333-254.000.
Stern, Richard A.; and Babbitt, Richard W., 4,542,357, Cl. 333-24.200.
Babbs, Charles F.: *See—*
Tacker, Willis A., Jr.; Bourland, Joe D.; Babbs, Charles F.; and Geddes, Leslie A., 4,548,203, Cl. 128-419.00D.
Babcock-BSH Aktiengesellschaft Vormals Buttner-Schilde-Haas AG: *See—*
Roos, Friedrich; and Bahner, Friedrich, 4,494,315, Cl. 34-48.000.
Babcock, Daniel A. Clutch brake. 4,512,450, 4-23-85, Cl. 192-12.00R.
Babcock, Daniel L., to Boeing Company, The. Data bus test instrument having a tri-colored LED and indicating continuity, voltage and polarity. 4,550,287, 10-29-85, Cl. 324-73.00R.
Babcock Electro-Mechanical, Inc.: *See—*
Hurter, Max, 4,554,521, Cl. 335-125.000.
Babcock, Ernest R. Buffing pad retainer. 4,491,999, 1-8-85, Cl. 15-230.000.
Babcock-Hitachi Kabushiki Kaisha: *See—*
Asano, Isao, 4,504,729, Cl. 219-137.00R.
Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,088, Cl. 204-182.500.
Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,091, Cl. 204-301.000.
Kusaka, Iwao, 4,501,233, Cl. 122-406.00S.
Morita, Shigeki; Masai, Tadahisa; Nakashita, Shigeto; Uemura, Toshio; Kouda, Fumio; and Nawata, Tsuyoshi, 4,545,307, Cl. 110-264.000.
Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, 4,521,631, Cl. 568-478.000.
Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.
Babcock, Jon A.: *See—*
Cory, John M.; Varney, Edward W.; Babcock, Jon A.; and Pupillo, Andrew, 4,533,114, Cl. 251-67.000.
Babcock, Michael A. Slalom waterskiing simulator. 4,544,153, 10-1-85, Cl. 272-97.000.
Babcock Textilmaschinen GmbH: *See—*
Gottschalk, Karl-Heinz, 4,551,928, Cl. 34-82.000.
Babcock, Walter C.: *See—*
Friesen, Dwayne; Babcock, Walter C.; and Tuttle, Mark, 4,515,906, Cl. 521-28.000.
Babcock & Wilcox Company, The: *See—*
Agarwal, Suresh C., 4,491,924, Cl. 364-500.000.
Agarwal, Suresh C., 4,494,209, Cl. 364-502.000.
Agarwal, Suresh C., 4,560,815, Cl. 585-259.000.
Ayres, Paul S.; Ziels, Burton D.; and Chen, Chou-Ming, 4,512,721, Cl. 417-51.000.
Barnett, Daniel C., 4,545,235, Cl. 73-1.00G.
Berneburg, Philip L.; and Krukonis, Val J., 4,552,786, Cl. 427-249.000.
Berthold, John W., III; and Fitzgerald, Charles S., 4,536,827, Cl. 362-32.000.
Bohl, Thomas L., 4,518,699, Cl. 436-49.000.
Bohl, Thomas L.; and Ciammaichella, Richard C., 4,521,089, Cl. 350-582.000.
Bohl, Thomas L., 4,562,044, Cl. 422-64.000.
Braun, Minel J., 4,513,733, Cl. 126-435.000.
Butt, Donald B.; and Young, William C., 4,547,649, Cl. 219-121.0LF.
Campo, Juan J., 4,561,802, Cl. 405-195.000.
Chulick, Eugene T., 4,538,683, Cl. 166-264.000.
Domian, Henry A.; and Weber, Charles M., 4,560,854, Cl. 219-121.0EW.
Dooley, Jimmy B., 4,545,711, Cl. 408-197.000.
Downs, William; and Rackley, John M., 4,558,652, Cl. 110-347.000.
Enterline, Larry L.; and Kaya, Azmi, 4,562,531, Cl. 364-164.000.
Feldstein, Joel G.; and Gutzwiller, James F., Jr., 4,513,903, Cl. 228-107.000.
Finch, Curtis L., 4,513,497, Cl. 29-727.000.
Flora, John H.; and Henderson, James E., 4,491,784, Cl. 324-61.0QL.
Garrison, Frank E.; and Harth, George H., III, 4,526,137, Cl. 122-476.000.
Gerber, David W., 4,561,680, Cl. 285-98.000.
Ghering, Walter L.; and Thompson, William L., 4,512,200, Cl. 73-861.040.
Gwin, Richard B.; and Manning, Philip H., 4,556,162, Cl. 228-50.000.
Hall, George R., II, 4,502,341, Cl. 73-863.010.
Hall, George R., II, 4,557,419, Cl. 236-93.00R.
Haller, Kurt H.; and Kidaloski, Raymond G., 4,538,550, Cl. 122-235.00G.
Hammond, Charles W., 4,492,187, Cl. 122-390.000.
Hammond, Charles W., 4,503,811, Cl. 122-392.000.
Holbrook, Richard L.; and Mayer, Dean L., 4,538,337, Cl. 29-445.000.
Kaya, Azmi; and Sommer, Alan C., 4,507,930, Cl. 62-129.000.
Keyes, Marion A.; and Thompson, William L., 4,509,041, Cl. 340-578.000.
Keyes, Marion A., IV; and Thompson, William L., 4,511,882, Cl. 340-347.0DD.
Keyes, Marion A., IV; Lukas, Michael P.; and Moss, William H., 4,549,503, Cl. 122-479.00R.
Keyes, Marion A., IV; and Thompson, William L., 4,561,311, Cl. 73-861.220.
Klatt, John H.; and Scheib, Thomas J., 4,539,840, Cl. 73-112.000.
Knudsen, James K.; and Keyes, Marion A., IV, 4,552,026, Cl. 73-861.240.
Lindstrom, Gerald D.; Eckhart, Clifford F.; Farthing, George A., Jr.; Muckley, James J.; and Taylor, Brian E., 4,519,322, Cl. 110-264.000.
Moss, William H.; and Scheib, Thomas J., 4,521,869, Cl. 364-900.000.
Orcutt, Donald R., 4,539,055, Cl. 156-92.000.

- Pocock, Robert E., 4,492,559, Cl. 431-12.000.
- Polinski, Leonard R., Jr., 4,532,466, Cl. 323-311.000.
- Reed, Stuart E., 4,538,442, Cl. 72-367.000.
- Richman, Lonnie J.; and Stockmaster, Edward F., 4,561,558, Cl. 220-203.000.
- Schluderberg, Donald C., 4,522,781, Cl. 376-427.000.
- Schluderberg, Donald C., 4,530,814, Cl. 376-317.000.
- Schluderberg, Donald C., 4,538,674, Cl. 165-70.000.
- Slabinski, Chet J., 4,503,549, Cl. 377-49.000.
- Smith, Jane E.; and Whitford, Rowland E., 4,509,547, Cl. 137-85.000.
- Thompson, William L., 4,494,213, Cl. 364-604.000.
- Whaley, Hubert L., 4,516,520, Cl. 116-217.000.
- White, Jack M., 4,527,434, Cl. 73-867.650.
- Wiener, Murray, 4,512,336, Cl. 126-442.000.
- Zadiraka, Allan J., 4,540,129, Cl. 241-34.000.

Babcock, William E., to RCA Corporation. Multiple scan rate deflection circuit incorporating scan compensation. 4,536,684, 8-20-85, Cl. 315-411.000.

Babcock, William E.: *See—*
- Wedam, Werner F.; and Babcock, William E., 4,503,367, Cl. 315-371.000.

Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., to AT&T Bell Laboratories. Geographically distributed multiprocessor time-shared communication processing system. 4,500,960, 2-19-85, Cl. 364-200.000.

Babel, Werner, to Maho Werkzeugmaschinen bau Babel & Co. Indexing attachment. 4,529,342, 7-16-85, Cl. 409-164.000.

Babet, Jean-Michel: *See—*
- Thibonnet, Bernard, 4,534,408, Cl. 165-108.000.

Babies by Storm, Inc.: *See—*
- Storm, Linda W., 4,492,326, Cl. 224-160.000.

Babin, Michel: *See—*
- Millot, Jean-Paul; Desfontaines, Guy; and Babin, Michel, 4,544,521, Cl. 376-209.000.

Babineaux, David, III. Method of treating waste water. 4,536,293, 8-20-85, Cl. 210-717.000.

Babington, Robert L.; and Babington, Robert S., to Owens-Illinois, Inc. Flow control module and method for liquid fuel burners and liquid atomizers. 4,507,074, 3-26-85, Cl. 431-12.000.

Babington, Robert S., to Owens-Illinois, Inc. Atomization apparatus and method for liquid fuel burners and liquid atomizers. 4,507,076, 3-26-85, Cl. 431-117.000.

Babington, Robert S., to Owens-Illinois, Inc. Flow control module and method for liquid fuel burners and liquid atomizers. 4,516,928, 5-14-85, Cl. 431-12.000.

Babington, Robert S.: *See—*
- Babington, Robert L.; and Babington, Robert S., 4,507,074, Cl. 431-12.000.

Babington, Thomas G. Load shaving system. 4,495,777, 1-29-85, Cl. 62-185.000.

Babitzka, Rudolf; Beck, Walter; and Linder, Ernst, to Robert Bosch GmbH. Electrically controllable valve. 4,494,727, 1-22-85, Cl. 251-64.000.

Babitzka, Rudolf; Haag, Gottlob; and Linder, Ernst, to Robert Bosch GmbH. Slip clutch. 4,512,452, 4-23-85, Cl. 192-104.00C.

Babitzka, Rudolf; and Linder, Ernst, to Robert Bosch GmbH. Method for the injection of fuel and fuel injection apparatus for performing the method. 4,522,174, 6-11-85, Cl. 123-300.000.

Babler, Egon S., to Xerox Corporation. Print wheel mounting. 4,507,001, 3-26-85, Cl. 400-144.200.

Babler, Fridolin; and Weissmuller, Adolf, to Ciba-Geigy Corporation. Stoving lacquers containing graphite. 4,517,320, 5-14-85, Cl. 523-215.000.

Babler, Fridolin, to Ciba-Geigy Corporation. Process for the preparation of perylene. 4,550,215, 10-29-85, Cl. 585-469.000.

Babler, Fridolin; and Munk, Kurt, to Ciba-Geigy Corporation. Electrically conductive fillers. 4,554,094, 11-19-85, Cl. 252-518.000.

Baboulet, Jean-Pierre C.: *See—*
- Ramisse, Yves D.; Baboulet, Jean-Pierre C.; Vie, Michel P.; and Malaval, Paul C., 4,536,327, Cl. 252-511.000.

Babrovniczky, Bert: *See—*
- Minshall, Michael; Park, Brian; Etchegoyen, Carlos; and Babrovniczky, Bert, 4,558,687, Cl. 126-59.000.

Babson, Arthur L. Multiple use container for the packaging of fluids. 4,559,052, 12-17-85, Cl. 604-403.000.

Babson Bros. Co.: *See—*
- Horky, John W., 4,530,370, Cl. 134-57.00R.
- Rubino, Daniel A., 4,491,085, Cl. 119-14.100.

Babson, Edward; Porter, Michael R.; and Porter, Robert E., to Porter Sewing Machines, Inc. Double overlock seamer. 4,546,716, 10-15-85, Cl. 112-162.000.

Babuder, Gerald A.; and Weigl, Jeffrey L., to Cajon Company. Fluid coupling. 4,552,389, 11-12-85, Cl. 285-379.000.

Babuka, Robert; Piechota, John L.; and Poch, Leonard J., to International Business Machines Corporation. High density planar interconnected integrated circuit package. 4,553,192, 11-12-85, Cl. 361-395.000.

Babyak, Richard J.: *See—*
- Oefinger, Richard W.; and Babyak, Richard J., 4,517,820, Cl. 72-391.000.

Bacaner, Marvin B.: *See—*
- Broadhurst, John H.; and Bacaner, Marvin B., 4,558,223, Cl. 250-374.000.

Bacardit, Joan S.: *See—*
- Coll, Juan V.; Bacardit, Joan S.; and Bofill, Joaquim F., 4,524,585, Cl. 60-562.000.

Bacardit, Juan S., to Bendiberica S.A. Hydraulic power-assistance actuating mechanisms, especially for servo-assisted steering systems. 4,503,753, 3-12-85, Cl. 91-375.00R.

Bacardit, Juan S., to Bendiberica S.A. Hydraulic distributor with a reaction biased control member. 4,512,238, 4-23-85, Cl. 91-370.000.

Bacardit, Juan S., to Bendiberica S.A. Hydraulic rotary distributor with a star-shaped rotor, more particularly for a power-assisted steering mechanism. 4,527,591, 7-9-85, Cl. 137-625.210.

Bacardit, Juan S., to Bendiberica S.A. Rotating hydraulic distributor and method of manufacturing chamfered closing edges of a rotating member of such a distributor. 4,540,024, 9-10-85, Cl. 137-625.210.

Bacardit, Juan S.; Coll, Juan V.; and Bofill, Joaquim F., to Bendiberica S.A. Brake master cylinder. 4,550,566, 11-5-85, Cl. 60-554.000.

Bacardit, Juan S.: *See—*
- Coll, Juan S.; Bofill, Joaquim F.; and Bacardit, Juan S., 4,543,790, Cl. 60-547.100.

Baccaro, Lorene E.: *See—*
- Giles, Harold F., Jr.; and Baccaro, Lorene E., 4,543,291, Cl. 428-412.000.
- Giles, Harold F., Jr.; and Baccaro, Lorene E., 4,543,292, Cl. 428-412.000.

Bacchiere, Daniel P.; and Polinski, Stanley F., to Bacchiere, Daniel P. Magnetic chuck control system. 4,523,250, 6-11-85, Cl. 361-145.000.

Bacchio, Giovanni, to Fonderie Officine Riunite Ing. Graziano di L. Graziano & C.S.a.s. Drawing apparatus for textile fibre webs. 4,547,936, 10-22-85, Cl. 19-258.000.

Bacevius, Joseph G. Clamping device and article holder therefor. 4,528,622, 7-9-85, Cl. 362-396.000.

Bach, Eric; and Schmidt, Dieter, to Siemens Aktiengesellschaft. X-Ray diagnostic system comprising at least one x-ray generator and x-ray apparatus. 4,553,254, 11-12-85, Cl. 378-098.000.

Bach, Hanswilhelm: *See—*
- Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm, 4,533,755, Cl. 568-454.000.

Bach, Lloyd G.; and Gaiser, Robert F., to Allied Corporation. Master cylinder. 4,514,982, 5-7-85, Cl. 60-562.000.

Bach, Lloyd G.: *See—*
- Kytta, Oswald O.; and Bach, Lloyd G., 4,494,378, Cl. 60-547.100.
- Kytta, Oswald O.; and Bach, Lloyd G., 4,522,031, Cl. 60-547.100.

Bach, Nicholas J.; Kornfeld, Edmund C.; and Titus, Robert D., to Eli Lilly and Company. Hydroxyaminotetralincarboxamides. 4,500,545, 2-19-85, Cl. 514-619.000.

Bachalo, William D. Apparatus and method for determining the size and velocity of particles, droplets, bubbles or the like using laser light scattering. 4,540,283, 9-10-85, Cl. 356-336.000.

Bacharach Instrument Company: *See—*
- Tozier, John E.; Anouchi, Abraham; and Critchlow, Richard, 4,541,988, Cl. 422-94.000.

Bacharach, Ottmar; and Schafer, Herbert, to Gebr. Pfeiffer AG. Roller mill construction. 4,491,280, 1-1-85, Cl. 241-121.000.

Bachelard, Roland; and Lamalle, Maurice, to Produits Chimiques Ugine Kuhlmann. Process for the preparation of finely divided aluminas or alumina-magnesia spinels having homogeneous pore structure. 4,532,121, 7-30-85, Cl. 423-600.000.

Bachenheimer, Steven: *See—*
- Heymann, Mark S.; and Bachenheimer, Steven, 4,527,707, Cl. 220-1.00R.

Bacher, Michel; and Despres, Dominique, to Valeo. Clutch mechanism for automobile vehicles. 4,531,622, 7-30-85, Cl. 192-70.180.

Bachi, Inc.: *See—*
- Bachi, Robert W.; and Bachi, Phillip L., 4,520,944, Cl. 220-305.000.

Bachi, Phillip L.: *See—*
- Bachi, Robert W.; and Bachi, Phillip L., 4,520,944, Cl. 220-305.000.

Bachi, Robert W.; and Bachi, Phillip L., to Bachi, Inc. Open-ended container closure. 4,520,944, 6-4-85, Cl. 220-305.000.

Bachle, Walter W., to General Signal Corporation. Cable fitting with variable inner diameter grommet assembly. 4,525,000, 6-25-85, Cl. 285-177.000.

Bachle, Wilfred H., to Ford Aerospace and Communications Corporation. Fluid actuated thermal compensator with adjustable stroke characteristics. 4,494,693, 1-22-85, Cl. 236-100.000.

Bachler, Sven, to ASEA Aktiebolag. Electric switch with protective function. 4,550,299, 10-29-85, Cl. 335-195.000.

Bachler, Sven, to ASEA Aktiebolag. Electromagnetically operated electric switch. 4,562,418, 12-31-85, Cl. 335-131.000.

Bachman, Brett: *See—*
- Farber, David A.; Bachman, Brett; Pilat, John F.; and Wallach, Walter A., Jr., 4,516,203, Cl. 364-200.000.

Bachman, Brett L.; Nealon, James T.; and Young, Charles J., to Data General Corporation. Digital data processing system using unique means for comparing operational results and locations at which such results are to be stored. 4,493,025, 1-8-85, Cl. 364-200.000.

Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., to Data General Corporation. Digital computer system having descriptors for variable length addressing for a plurality of instruction dialects. 4,499,535, 2-12-85, Cl. 364-200.000.

Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., to Data General Corporation. Unique memory for use in a digital data system. 4,519,030, 5-21-85, Cl. 364-200.000.

Bachman, Brett L.: *See—*
- Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
- Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.
- Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
- Bratt, Richard G.; Schleimer, Stephen I.; Gavrin, Edward S.; Pilat, John F.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Clancy, Gerald F.; Mundie, Craig J.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,532,586, Cl. 364-200.000.
- Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.

Bachman, Burl A., to DL Process Co. Laser formed rotary print plate with internal sintered titanium ink reservoir. 4,526,098, 7-2-85, Cl. 101-115.000.

Bachman, Gerald L.; and Vineyard, Billy D., to Monsanto Company. Asymmetric catalysis. 4,515,731, 5-7-85, Cl. 260-465.00D.

Bachman, Joseph L., Jr.: *See—*
- Johnson, A. David, Jr.; Bachman, Joseph L., Jr.; Ginther, George E., Sr.; Zimmermann, Charles E.; and Johnson, Albert D., Sr., 4,551,126, Cl. 493-453.000.

Bachman, Robert: *See—*
- Walsh, Thomas J.; Bachman, Robert; and Aderhold, Ronald, 4,496,125, Cl. 248-188.000.

Bachman, Wesley J., to Dickey-john Corporation. Spreader control. 4,523,280, 6-11-85, Cl. 364-424.000.

Bachman, Wesley J.: *See—*
- Knepler, John T.; and Bachman, Wesley J., 4,491,241, Cl. 221-3.000.

Bachmann, Alfred. Tongs for inserting a curtain-carrying sliding member into a profiled curtain rail. 4,524,502, 6-25-85, Cl. 29-268.000.

Bachmann, Einar H.; and Ingvarsson, Kristjan, to Digger Meter Corporation, The. Depth monitoring system. 4,491,927, 1-1-85, Cl. 364-561.000.

Bachmann, Erich; Fabel, Ludwig; Fischer, Roland; Peter, Werner; Scheiter, Bernd; and Wenzel, Werner, to Arthur Pfeiffer Vakuumtechnik Wetzlar GmbH. Two stage rotary vane pump. 4,508,494, 4-2-85, Cl. 418-13.000.

Bachmann, G. Merle; Davis, Charles L.; and Morgan, Annis R., Jr., to Coca-Cola Company, The. Display panel for vending machines. 4,551,935, 11-12-85, Cl. 40-584.000.

Bachmann, Heinrich; and Kollmar, Ulrich. Raking apparatus. 4,515,519, 5-7-85, Cl. 414-680.000.

Bachmann, Henry C.; Brown, Omar L.; Fraze, Ermal C.; Gregg, James R.; and Wynn, David K., to Dayton Reliable Tool & Mfg. Co. Shell making method and apparatus. 4,561,280, 12-31-85, Cl. 72-346.000.

Bachmann, Herbert, to Stopinc Aktiengesellschaft. Linear sliding closure unit. 4,524,956, 6-25-85, Cl. 266-236.000.

Bachmann, Herbert, to Stopinc Aktiengesellschaft. Rotary valve assembly for use in regulating the flow of molten material. 4,557,462, 12-10-85, Cl. 251-184.000.

Bachmann Industries, Inc.: *See—*
- Bachmann, Lothar, 4,493,311, Cl. 126-285.00A.
- Bachmann, Lothar, 4,493,342, Cl. 137-601.000.

Bachmann, Lothar, to Bachmann Industries, Inc. Guillotine damper. 4,493,311, 1-15-85, Cl. 126-285.00A.

Bachmann, Lothar, to Bachmann Industries, Inc. Double louver damper. 4,493,342, 1-15-85, Cl. 137-601.000.

Bachmann, Rainer, to Black & Decker Inc. Electrically driven tacker or the like for driving fastening elements into a workpiece. 4,524,897, 6-25-85, Cl. 227-131.000.

Bachmann, Rainer; and van Hauten, Hartmut, to Black & Decker Inc. Adjustable fence for a saw table or the like. 4,558,618, 12-17-85, Cl. 83-438.000.

Bachmann, Wilhelm; and Kemner, Axel, to WABCO Westinghouse Steuerungstechnik GmbH. Fluid pressure regulating valve mechanism. 4,543,975, 10-1-85, Cl. 137-85.000.

Bachner, Frank J.: *See—*
- Fan, John C. C.; and Bachner, Frank J., 4,556,277, Cl. 350-1.700.

Bachofen AG: *See—*
- Kagi, Bruno, 4,510,845, Cl. 91-180.000.

Bachot, Jean; and Grosbois, Jean, to Chloe Chimie. Porous diaphragm for electrolytic cell. 4,539,085, 9-3-85, Cl. 204-98.000.

Bachot, Jean; Quentin, Jean-Pierre; and Bourgeois, Jean-Luc, to Chloe Chimie. Process for preparing ion-exchange membranes. 4,547,411, 10-15-85, Cl. 427-393.500.

Bachschmid, Reiner: *See—*
- Zeilinger, Karl; and Bachschmid, Reiner, 4,561,634, Cl. 251-364.000.

Bachtiger, Hans, to Gygli Technik AG. Method for attaching ready-made pieces of material to another piece of material. 4,506,615, 3-26-85, Cl. 112-262.100.

Bachus, Ernst-Jurgen: *See—*
- Strebel, Bernhard; and Bachus, Ernst-Jurgen, 4,530,084, Cl. 370-3.000.

Bachynsky, Nicholas. Method for anti-cholinergic blockage of withdrawal symptoms in smoking cessation. 4,555,397, 11-26-85, Cl. 424-10.000.

Baciu, Antoine; Rius, Jean M.; and Sivry, Bernard, to Cibie Projecteurs. Method and apparatus for the injection moulding of plastics articles. 4,522,778, 6-11-85, Cl. 264-328.700.

Back-Ease Products, Inc.: *See—*
- Licciardi, Anthony L., 4,503,845, Cl. 128-75.000.

Back, Erik G.; and Lundin, Bjorn-Eric, to Boliden Aktiebolag. Process for recovering lead from lead chloride containing raw material. 4,512,803, 4-23-85, Cl. 75-77.000.

Back, Gerhard, to Ciba-Geigy Corporation. Bis-1:2-chromium complexes of disazo dyes, and their preparation and use. 4,502,860, 3-5-85, Cl. 8-437.000.

Back, Gerhard; Beffa, Fabio; and Schutz, Hans-Ulrich, to Ciba-Geigy Corporation. Fibre-reactive chromium complex dyes, process for their manufacture and use thereof to dye cellulose or wool. 4,502,865, 3-5-85, Cl. 8-543.000.

Back, Gunter, to Hoechst Aktiengesellschaft. Positioning device for an exposing and developing apparatus. 4,533,239, 8-6-85, Cl. 355-72.000.

Back, Karl J., to Stretch Emballering AB. Plant for wrapping the envelope surface of a preferably cylindrical article. 4,553,372, 11-19-85, Cl. 53-411.000.

Backau-Walther Aktiengesellschaft: *See—*
- Bechthold, Horst; Fischer, Heinz J.; and Schulte, Wolfgang, 4,541,999, Cl. 423-235.000.

Backe, Egbert; Muller, Rolf; Otto, Dieter; Leonardi, Cornelio; Kochendorfer, Heinrich; Fussner, Paul; Walker, Ewald; and Rommel, Rudi. Device and method for locking a drive shaft disposed in a fuel injection pump for internal combustion engines and holding bolt therefor. 4,499,757, 2-19-85, Cl. 73-119.00A.

Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, to Linde Aktiengesellschaft. Hydrostatic drive systems. 4,503,674, 3-12-85, Cl. 60-448.000.

Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, to Linde Aktiengesellschaft. Control and regulating means for an adjustable hydrostatic unit. 4,531,367, 7-30-85, Cl. 60-447.000.

Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, to Linde Aktiengesellschaft. Control arrangements for regulating the speed of a hydrostatic energy consumer. 4,545,201, 10-8-85, Cl. 60-420.000.

Backes, Reiner, to ITT Industries, Inc. MOS Transition detector for plural signal lines using non-overlapping complementary interrogation pulses. 4,518,872, 5-21-85, Cl. 307-448.000.

Backes, Reiner, to ITT Industries, Inc. Integrated circuit for a keyboard of an electronic apparatus. 4,518,951, 5-21-85, Cl. 340-365.00S.

Backhaus, Martin: *See—*
- Lubcke, Hartmut; and Backhaus, Martin, 4,500,991, Cl. 370-88.000.

Backhouse, Alan J., to Imperial Chemical Industries PLC. Pigmented basecoat composition. 4,539,363, 9-3-85, Cl. 524-460.000.

Backlund, Lars K., to Santrade Ltd. Rotary drill bit. 4,554,985, 11-26-85, Cl. 175-371.000.

Backlund, Lennart, to Forenade Fabriksverken. Arrangement for tubular heat exchangers located in a lake. 4,540,041, 9-10-85, Cl. 165-45.000.

Backlund, Ove, to AB Volvo. Combustion engine with balancing device. 4,523,553, 6-18-85, Cl. 123-192.00B.

Backlund, Peter S., to Union Oil Company of California. Fertilizers containing nitrogen and micronutrients. 4,494,976, 1-22-85, Cl. 71-28.000.

Backman, Ralf, to WAMAC AB. Method and apparatus for coordinating streams of newspapers branched off from a stream of newspapers. 4,546,962, 10-15-85, Cl. 270-54.000.

Backstrom, Gudrun E.: *See—*
- Lindahl, Ulf P. F.; Backstrom, Gudrun E.; and Thunberg, John Y. L., 4,496,550, Cl. 514-54.000.

Backus, Alan L.: *See—*
- Bartok, Stephen; Stansbury, Benjamin H., Jr.; and Backus, Alan L., 4,535,931, Cl. 236-20.00R.

Backus, James: *See—*
- McManus, James W.; Winckler, Elmer; and Backus, James, 4,538,682, Cl. 166-255.000.
- Winckler, Elmer, 4,516,637, Cl. 166-377.000.

Backus, William D.: *See—*
- Adl, Ali; and Backus, William D., 4,507,008, Cl. 403-275.000.

Backx, Leo J. J.: *See—*
- Heeres, Jan; Backx, Leo J. J.; and Mostmans, Joseph H., 4,524,110, Cl. 428-537.100.

Bacon, David L.; Kremer, Richard D.; and Morse, Randall H., to Schleicher & Schuell, Inc. Centrifugal filtering device and filter unit therefor. 4,534,863, 8-13-85, Cl. 210-232.000.

Bacon, Forrest C.; and Nord, Keith W., to Ex-Cell-O Corporation. Corrugated box forming, loading and sealing machine. 4,499,704, 2-19-85, Cl. 53-156.000.

Bacon, Forrest C., to Ex-Cell-O Corporation. Inspection and rejection apparatus. 4,559,754, 12-24-85, Cl. 53-53.000.

Bacon, Frank M.; Brainard, John P.; O'Hagan, James B.; and Walko, Robert J., to United States of America, Energy. Single-ring magnetic cusp low gas pressure ion source. 4,529,571, 7-16-85, Cl. 376-144.000.

Bacon, Kenneth H., Sr. Combination counterflow heat exchanger and fractionating tower. 4,502,877, 3-5-85, Cl. 62-42.000.

Bacon, Paul A.: *See—*

Blake, Colin C.; and Bacon, Paul A., 4,545,873, Cl. 204-109.000.

Bacquet, Cathy A.; and Twumasi, Daniel Y., to Kallestad Laboratories, Inc. Method for ligand determination utilizing an immunoassay monitorable by biotin-containing enzymes, and compositions therefor. 4,550,075, 10-29-85, Cl. 435-7.000.

Bactex Corporation: *See—*

Wood, Sarah W., 4,562,070, Cl. 424-92.000.

Badalamenti, Vito; and Weller, Nicholas J., to Kal Tool Engineering. Blow molding detabber. 4,548,574, 10-22-85, Cl. 425-531.000.

Badaliants, Khoren A.: *See—*

Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.

Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Badaut, Roger: *See—*

Pere, Gerard; and Badaut, Roger, 4,513,630, Cl. 74-60.000.

Badders, Edwin T. Noise attenuating filter for fluid flow systems. 4,518,493, 5-21-85, Cl. 210-137.000.

Bade, Volkbert, to Th. Goldschmidt AG. Process for the preparation of betaines. 4,497,825, 2-5-85, Cl. 514-556.000.

Bademian, Leon, to Isomet Corporation. Overlapping electrode structure for multi-channel acousto-optic devices. 4,516,838, 5-14-85, Cl. 350-358.000.

Bademian, Leon, to Isomet Corporation. Apparatus and method for acousto-optic character generation. 4,540,245, 9-10-85, Cl. 350-358.000.

Baden, Hans-Gunter: *See—*

Flach, Jurgen, deceased; Opitz, Rigobert; Daugart, Heinz; and Baden, Hans-Gunter, 4,507,608, Cl. 324-220.000.

Badenhorst, Jurchens B.: *See—*

Sanderson, Ronald D.; and Badenhorst, Jurchens B., 4,544,589, Cl. 428-35.000.

Badenia GmbH Stepeedeckenfabrik: *See—*

Molders, Claus, 4,559,673, Cl. 19-82.000.

Bader, Edgar; Rohrbach, Gerd; Petersen, Jurgen; and Kittel, Ludwig, to Te Ka De Felten & Guilleaume Fernmeldeanlagen GmbH. Data transmission systems for full duplex communication. 4,514,840, 4-30-85, Cl. 370-29.000.

Bader, James S.; and Dugan, Larry M., to Adolph Coors Company. Multiple container packaging system. 4,548,021, 10-22-85, Cl. 53-398.000.

Bader, James S., to Adolph Coors Company. Can clip and multiple container package. 4,552,265, 11-12-85, Cl. 206-159.000.

Bader, Leonhard; Hermann, Ferdinand; Ruprich, Wilhelm; and Winter, Hermann, to NCR Corporation. Method of making a drive element assembly for ink jet printing. 4,493,137, 1-15-85, Cl. 29-25.350.

Badesha, Santokh S.; and Abkowitz, Martin A., to Xerox Corporation. Process for modifying the electrical properties of selenium, and selenium alloys. 4,520,010, 5-28-85, Cl. 427-83.000.

Badesha, Santokh S., to Xerox Corporation. Process for reclamation of high purity selenium from scrap alloys. 4,530,718, 7-23-85, Cl. 75-121.000.

Badesha, Santokh S.; and Smith, Thomas W., to Xerox Corporation. Process for selenium purification. 4,548,800, 10-22-85, Cl. 423-510.000.

Badesha, Santokh S.; and Fekete, George T., to Xerox Corporation. Process for preparation of chalcogens and chalcogenide alloys of controlled average crystallite size. 4,557,922, 12-10-85, Cl. 423-510.000.

Badge, Roger: *See—*

Negus, Paul D.; Ng, Tak C.; Badge, Roger; and Cowen, David W., 4,560,943, Cl. 329-103.000.

Badger Company, Inc., The: *See—*

Hughes, Richard E., 4,524,024, Cl. 260-97.600

Badger Meter, Inc.: *See—*

Fiorina, Mark A.; and Roberts, Todd N., 4,499,764, Cl. 73-253.000.

Badger, Philip O., to Miracle Metals, Inc. Method of mitigating boundary friction and wear in metal surfaces in sliding contacts. 4,528,079, 7-9-85, Cl. 204-129.100.

Badger, Philip O., to Miracle Metals, Inc. Implantation of certain solid lubricants into certain metallic surfaces by mechanical inclusion. 4,553,417, 11-19-85, Cl. 72-42.000.

Badiali, Roberto, to Officine Savio S.p.A. Splicer device to disassemble and recompose yarn mechanically. 4,494,367, 1-22-85, Cl. 57-22.000.

Badiali, Roberto: *See—*

Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, 4,539,802, Cl. 57-22.000.

Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, 4,545,191, Cl. 57-22.000.

Badicel, Evelyn; and Porko, Gunnar O. Method of supplying concrete. 4,494,903, 1-22-85, Cl. 414-376.000.

Badillo, Paul, to Bakron Corp. Rotary loop taker for lock-stitch sewing machine. 4,493,278, 1-15-85, Cl. 112-184.000.

Badische Corporation: *See—*

Donnelly, Edward N.; Haberkorn, Wilhelm A.; Hagen, Gerry A.; McGregor, Thomas R.; and Postman, William, 4,522,774, Cl. 264-168.000.

Gusack, James A.; and Smith, Thomas E., 4,545,835, Cl. 156-180.000.

Badon, Aime ; Berthonnier, Jean-Yves; and Mounier, Claude, to Merlin Gerin. Metal-clad puffer-type circuit-breaker having closing resistors. 4,562,319, 12-31-85, Cl. 200-144.0AP.

Baduel, Guy M., to Isover Saint-Gobain. Method and apparatus for scrubbing effluent gases from mineral fiber production. 4,508,555, 4-2-85, Cl. 65-3.430.

Badura, Jan: *See—*

Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.

Badwal, Sukhvinder P. S.: *See—*

de Bruin, Henderikus J.; and Badwal, Sukhvinder P. S., 4,548,680, Cl. 204-1.00T.

Badzioch, Stanislaw, to United States Borax & Chemical Corporation. Glass ceramic ionic conductor materials and method of making. 4,507,369, 3-26-85, Cl. 429-104.000.

Bae, Ik J., to Dong Hwa Engineering Co. Ltd. Collapsible container. 4,498,598, 2-12-85, Cl. 220-6.000.

Baecker, Donald R.; and Bijou, Joseph V. System for locating a towed marine object. 4,532,617, 7-30-85, Cl. 367-19.000.

Baeger, Holm, to VDO Adolf Schindling AG. Electro-optical display without reflection. 4,521,078, 6-4-85, Cl. 350-334.000.

Baeger, Holm: *See—*

Nickol, Friedrich W.; and Baeger, Holm, 4,500,611, Cl. 428-686.000.

Baehrle, Friedrich: *See—*

Wulf, Helmut; and Baehrle, Friedrich, 4,532,894, Cl. 123-142.50E.

Baeling, Peter; and Ehnstrom, Lars, to Alfa-Laval AB; and Svenska Lantmannens Riksforbund, Forening u.p.a, by said Lars Ehnstrom. Process for the production of animal feed stuff from a liquid residue obtained by fermentation and distillation of grain raw material. 4,552,775, 11-12-85, Cl. 426-624.000.

Baer, Edmund: *See—*

Ernst, Gunter; Baer, Edmund; Wurz, Dieter; Dittrich, Hans; and Roller, Wilhelm, 4,541,968, Cl. 261-109.000.

Ernst, Gunter; Baer, Edmund; Wurz, Dieter; and Dittrich, Hans, 4,549,999, Cl. 261-109.000.

Baer, Harold J.: *See—*

Smith, Roger D.; and Baer, Harold J., 4,537,401, Cl. 273-112.000.

Baer, James R.; Manes, Kenneth; and Lunka, Harold, to Storage Technology Partners II. Recording disk load and unload apparatus. 4,545,045, 10-1-85, Cl. 369-77.200.

Baer, Jean-Michel, to Thomson-CSF. Wide band impedance transformer with transformation ratio close to three for radio frequencies. 4,554,518, 11-19-85, Cl. 333-33.000.

Baer, Jurgen: *See—*

Gillhaus, Horst; Hegewaldt, Fritz; Faber, Wolfgang; Baer, Jurgen; and Toplak, Ernst, 4,518,352, Cl. 432-199.000.

Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, to BASF Aktiengesellschaft. Catalyst for the preparation of methyl methacrylate. 4,520,125, 5-28-85, Cl. 502-170.000.

Baer, Karl: *See—*

Goetz, Norbert; Laas, Harald; Tavs, Peter; Hupfer, Leopold; and Baer, Karl, 4,538,009, Cl. 568-799.000.

Menig, Helmuth; Fischer, Martin; and Baer, Karl, 4,560,769, Cl. 548-560.000.

Baer, Martin D. Shower track. 4,561,136, 12-31-85, Cl. 4-615.000.

Baer, Ralph H., to Sanders Associates, Inc. Electro-optical sensor for color television games and training systems. 4,496,158, 1-29-85, Cl. 273-312.000.

Baer, Ralph H., to Sanders Associates, Inc. Microprocessor interface device. 4,540,176, 9-10-85, Cl. 273-148.00B.

Baer, Stephen C., to Zomeworks Corporation. Summer/winter solar control system. 4,505,255, 3-19-85, Cl. 126-419.000.

Baer, Stephen C., to Zomeworks Corporation. Thermal control system for solar collector. 4,528,976, 7-16-85, Cl. 126-422.000.

Baer, Ted A., to Zoecon Corporation. Substituted amino acid process. 4,517,130, 5-14-85, Cl. 260-465.00E.

Baermann, Horst. Flexible magnetic sheet for therapeutic use. 4,549,532, 10-29-85, Cl. 128-1.300.

Baertschi, Peter; Wetter, Kurt; and Graf, Felix, to Rieter Machine Works, Ltd. Draw-roll assembly. 4,535,515, 8-20-85, Cl. 28-245.000.

Baese, Horst; and Tolasch, Gerhard, to Hauni-Werke Korber & Co. KG. Method and apparatus for transporting cigarettes or the like between producing and processing machines. 4,507,040, 3-26-85, Cl. 414-403.000.

Baeslack, Bernd: *See—*

Kratzenberg, Wolfgang; and Baeslack, Bernd, 4,533,327, Cl. 434-20.000.

Baessler, Lee R., to Aleksich, Bronco, Trustee for Grennamyer Trust I. Telemetry system for monitoring hospital patient temperature. 4,503,862, 3-12-85, Cl. 128-736.000.

Baeten, Roger L.: *See—*

Tressler, Richard E.; Stach, Joseph; and Baeten, Roger L., 4,518,349, Cl. 432-11.000.

Baetz, Wolfgang; Graefer, Albrecht; and Low, Edgar, to Karl Schmidt Fabrik fur Giessereibedarf GmbH & Co. Nonskid box studs. 4,545,421, 10-8-85, Cl. 164-397.000.

Bafunno, Daniel V.; Detter, Gary C.; Ehrhardt, James D.; Gaughan, Patrick J.; Johnson, Dale C.; and Rowlands, Richard C., to General Motors Corporation. Switch, lamp, and connector assembly. 4,554,618, 11-19-85, Cl. 362-155.000.

Bagaglia, Adriano; Marchetti, Renato; and Penco, Eugenio, to Selenia Industrie Eletroniche Associate, S.p.A. Sealed CO_2 laser. 4,546,482, 10-8-85, Cl. 372-86.000.

Bagalini, Dante, to Westinghouse Electric Corp. Molded case circuit breaker with resettable combined undervoltage and manual trip mechanism. 4,553,116, 11-12-85, Cl. 335-20.000.

Bagaric, Stjepan; and Pietsch, Gunter, to Heede International Ltd. Crane anti-skewing device. 4,505,207, 3-19-85, Cl. 105-163.0SK.

Bagby, George W., to Washington State University Research Foundation, Inc. Process for fusing bone joints. 4,501,269, 2-26-85, Cl. 128-92.00G.

Bagby, John T.: *See—*

  Beastall, William H.; Ballew, Vernon R.; Collier, Richard D.; and Bagby, John T., 4,523,417, Cl. 52-273.000.

Bagby, Robert J., to United States Riley Corporation. Single cable optical fibre signaling system. 4,556,280, 12-3-85, Cl. 350-96.160.

Bagcraft Corporation of America: *See—*

  Blamer, Robert H., 4,493,685, Cl. 493-235.000.

Bagdal, Karl T.: *See—*

  Hoover, Bradley R.; and Bagdal, Karl T., 4,524,546, Cl. 51-165.00R.

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  Roebuck, Malcolm J., 4,532,684, Cl. 29-4.000.

Bager, Reinhard. Heavy duty clamping electrical connector. 4,515,426, 5-7-85, Cl. 339-42.000.

Bagg, Robert D. Golf apparatus. 4,553,752, 11-19-85, Cl. 273-32.00A.

Baggett, Gary P.; Peterson, Robert D.; and Penner, Wayne A., to Mobil Oil Corporation. DC offset filter. 4,545,026, 10-1-85, Cl. 364-724.000.

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  Barker, Sidney A.; Baggett, Neil; Stevenson, John; and deCourcy, David R., 4,504,314, Cl. 106-38.350.

Baggio, Horacio; Eckart, George R.; and DeBeradinis, Louis A., to Woodhead Industries, Inc. Mini center for electrical power distribution. 4,546,418, 10-8-85, Cl. 362-85.000.

Baggio, Jean-Louis; and Saintherant, Patrice, to Compagnie Francaise des Petroles. Process for recovering butane and propane from crude gas. 4,526,596, 7-2-85, Cl. 62-40.000.

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  Campello, Ugo; Racca, Enrico; Sosta, Pierluigi; and Baggiolini, Deris, 4,555,020, Cl. 206-235.000.

Baggiolini, Enrico G.; Batcho, Andrew D.; Boris, Alfred; and Uskokovic, Milan R., to Hoffmann-La Roche Inc. Synthesis of 1α,25-dihydroxyergocalciferol. 4,508,651, 4-2-85, Cl. 260-397.200.

Baggott, George T., to Crescent Metal Products Inc. Insulated cabinet with interchangeable heat transfer unit. 4,544,024, 10-1-85, Cl. 165-48.00R.

Baghdady, Elie J. Method and apparatus for signal detection, separation and suppression. 4,513,249, 4-23-85, Cl. 328-150.000.

Bagli, Jehan F., to American Home Products Corporation. Aminopyrimidine derivatives, compositions and use. 4,505,910, 3-19-85, Cl. 514-26.000.

Bagli, Jehan F., to American Home Products Corporation. Use of 6-amino-5-pyrimidinecarbonitrile derivatives as cardiotonic agents. 4,507,304, 3-26-85, Cl. 514-269.000.

Bagli, Jehan F.; Bogri, Tibor; Palameta, Bozidar; and Borella, Luis E., to American Home Products Corporation. Pyridinyl substituted ketenemercaptal derivatives. 4,542,140, 9-17-85, Cl. 514-332.000.

Bagli, Jehan F.: *See—*

  Bellini, Francesco; and Bagli, Jehan F., 4,547,516, Cl. 514-385.000.

Baglione, Richard A. Super-heat monitoring and control device for air conditioning refrigeration systems. 4,505,125, 3-19-85, Cl. 62-209.000.

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Bagnall, Ralph S.; and Helm, William N., to Massey-Ferguson Industries Limited. Agricultural harvester heat exchanger. 4,542,785, 9-24-85, Cl. 165-95.000.

Bagnall-Wild, Ralph H.: *See—*

  Smith, Gordon R.; Stewart, John H.; and Bagnall-Wild, Ralph H., 4,494,198, Cl. 364-423.000.

Bagnell, Michael J.; and Ivy, William R. Radiation shielding structures. 4,514,640, 4-30-85, Cl. 250-517.100.

Bagnulo, Luigi, to Caunned Aktiengesellschaft. Method of corrosion protection. 4,496,444, 1-29-85, Cl. 204-148.000.

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Baguelin, Yves, to Renault Vehicules Industriels. Diesel piston engine. 4,492,192, 1-8-85, Cl. 123-198.00F.

Baguley, Bruce C.: *See—*

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Bagus, Brian M.: *See—*

  Bione, Angelo A.; and Bagus, Brian M., 4,524,665, Cl. 84-1.010.

Bagusche, Siegfried: *See—*

  Berstein, Garri; and Bagusche, Siegfried, 4,542,565, Cl. 29-90.00R.

Bagwell, Bobby F.; and Wells, Rickey D. Dual hydraulic lifts. 4,500,071, 2-19-85, Cl. 254-423.000.

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  Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.

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  Fryszczyn, Bogdan; Bahder, George, deceased; and Bahder, Alice, legal representative, 4,545,133, Cl. 34-21.000.

Bahder, George, deceased: *See—*

  Fryszczyn, Bogdan; Bahder, George, deceased; and Bahder, Alice, legal representative, 4,545,133, Cl. 34-21.000.

Bahi, Lakhdar: *See—*

  Barnwell, Richard; Bushnell, Dennis; Nagamatsu, Henry T.; Bahi, Lakhdar; and Ross, Janet, 4,522,360, Cl. 244-204.000.

Bahl, Andrew L.; Stilwell, George R., Jr.; Uberbacher, Edward C.; and Williamson, Charles A., to International Business Machines Corporation. Detachable fiber optic connector assembly. 4,553,814, 11-19-85, Cl. 350-96.210.

Bahl, Chander P.; and Nunberg, Jack, to Cetus Corporation. Method for using an amino-terminus DNA sequence to synthesize a specific double-stranded DNA. 4,555,486, 11-26-85, Cl. 435-91.000.

Bahl, Inder J.: *See—*

  Bhartia, Prakash; and Bahl, Inder J., 4,529,987, Cl. 343-700.0MS.

Bahnck, Norman; and Kloap, Philip, to AT&T Technologies, Inc. Methods of and apparatus for handling semiconductor devices. 4,556,362, 12-3-85, Cl. 414-744.00B.

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Bahnson Company, The: *See—*

  Lamar, Roger H.; and Davis, Robert A., 4,506,514, Cl. 62-91.000.

Bahr, Dietrich J.; Burckardt, Karl-Heinz; Goldrian, Gottfried; Rudolph, Volker; and Spruth, Wilhelm G., to International Business Machines Corporation. Method of recording information on an electrosensitive record carrier. 4,536,769, 8-20-85, Cl. 346-1.100.

Bahr, Dietrich J.: *See—*

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Bahr, Richard G.; and Cohen, Paul B., to Prime Computer, Inc. Method and apparatus for the detection and regeneration of a lost token in a token based data communications network. 4,494,233, 1-15-85, Cl. 370-86.000.

Bahr, Richard G.; and Hogan, Thomas C., to Prime Computer, Inc. Ring communications system. 4,528,661, 7-9-85, Cl. 370-86.000.

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Bahr, Toralf. Stringing apparatus for pilot lines. 4,531,714, 7-30-85, Cl. 254-134.30R.

Bahrle, Dieter K.; and Schwerdt, Friedrich W., to International Business Machines Corporation. Method of making printed circuits with one conductor plane. 4,521,280, 6-4-85, Cl. 204-15.000.

Bahry, Avraham; and Dolev, Moshe. Protective hasps for a padlock. 4,548,058, 10-22-85, Cl. 70-56.000.

Bai, Monty W.; and Meyer, Alfred B., to Motorola, Inc. Method for simulating a shock pulse. 4,495,792, 1-29-85, Cl. 73-12.000.

Baier, Heinrich; Waschulewski, Hans-Georg; and Kurten, Hans-Werner, to Losenhausen Maschinenbau AG. Operator's seat and controls arrangement for a tandem road roller. 4,505,356, 3-19-85, Cl. 180-322.000.

Baier, Heinz; Kurten, Hans W.; and Waschulewski, Hans-Georg, to Losenhausen Maschinenbau AG. Unbalance vibrator. 4,515,027, 5-7-85, Cl. 74-87.000.

Baier, Manfred; and Tobler, Andreas, to BBC Brown, Boveri & Company, Limited. Current transformer insulated by pressurized gas. 4,511,873, 4-16-85, Cl. 336-90.000.

Baier, Manfred; and Rascher, Andreas, to BBC Brown, Boveri & Company, Limited. Air-core choke coil. 4,538,131, 8-27-85, Cl. 336-57.000.

Baier, Manfred: *See—*

  Boebel, Manfred; Baier, Manfred; and Buess, Gerhard, 4,538,594, Cl. 128-6.000.

Baigas, Joseph F., Jr., to Hobbs Bonded Fibers. Evaporative cooler with high loft cooler pad. 4,556,521, 12-3-85, Cl. 261-94.000.

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  Raj, Rishi; and Baik, Sunggi, 4,552,711, Cl. 264-65.000.

Baika, Toyokazu: *See—*

  Nakamura, Norihiko; Baika, Toyokazu; Miki, Toshio; and Kohigashi, Minoru, 4,494,495, Cl. 123-90.150.

  Nakamura, Norihiko; and Baika, Toyokazu, 4,494,496, Cl. 123-90.150.

  Nakamura, Norihiko; and Baika, Toyokazu, 4,498,431, Cl. 123-90.150.

  Nakamura, Norihiko; Baika, Toyokazu; Shibata, Yoshiaki; and Miki, Toshio, 4,561,390, Cl. 123-90.150.

Bailard, James A.; and Jenkins, Scott A., to United States of America, Navy. Physiochemically controlled scour jet array system. 4,506,686, 3-26-85, Cl. 134-57.00R.
Baile, George H.; and Johnson, John J., to SKF Industries, Inc. Unitary full complement bearing components containing rolling elements in a self-supporting lubricating matrix. 4,492,415, 1-8-85, Cl. 384-463.000.
Bailen, Eddie H.; Rasmussen, David H.; and Johnson, William C., to AG-Bag Corporation. Method and apparatus for manufacturing an agricultural bag. 4,522,615, 6-11-85, Cl. 493-37.000.
Bailey, Alan, to Cape Gate Fence & Wire Works (Proprietary) Limited. Fencing. 4,553,740, 11-19-85, Cl. 256-33.000.
Bailey, Alan: *See—*
  Lauder, David R.; and Bailey, Alan, 4,548,312, Cl. 198-392.000.
Bailey, Alred S.; and Fisher, John R., Jr., to AT&T Technologies, Inc. Method and apparatus for batch solder bumping of chip carriers. 4,558,812, 12-17-85, Cl. 228-180.100.
Bailey, Arthur, deceased; and by Bailey, Vici, executor, to Vici Bailey. Lateral filing drawers. 4,492,418, 1-8-85, Cl. 312-220.000.
Bailey, Bernard A. Welder's helmet. 4,525,876, 7-2-85, Cl. 2-8.000.
Bailey, Clarence W. Side-dumping, material-hauling conveyance. 4,494,798, 1-22-85, Cl. 298-17.600.
Bailey, Dana S.: *See—*
  Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,511,817, Cl. 310-313.00A.
  Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,525,643, Cl. 310-313.00A.
Bailey, Danny J. Fishing line sinker. 4,546,567, 10-15-85, Cl. 43-44.870.
Bailey, Darrell E.: *See—*
  Watson, James M.; and Bailey, Darrell E., 4,492,675, Cl. 422-187.000.
  Watson, James M.; and Bailey, Darrell E., 4,558,169, Cl. 585-440.000.
Bailey, David A., to Garrett Corporation, The. Multi-quadrant brushless DC motor drive. 4,494,051, 1-15-85, Cl. 318-254.000.
Bailey, David C.: *See—*
  Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., 4,551,829, Cl. 370-3.000.
Bailey, Denis M., to Sterling Drug Inc. Substituted aminobenzamides and their use as agents which inhibit lipoxygenase activity. 4,510,139, 4-9-85, Cl. 514-234.000.
Bailey, Denis M., to Sterling Drug Inc. 2-Phenylindole derivatives, their use as complement inhibitors. 4,510,158, 4-9-85, Cl. 514-415.000.
Bailey, Denis M., to Sterling Drug Inc. Substituted aminobenzoates, their preparation and use. 4,515,980, 5-7-85, Cl. 560-45.000.
Bailey, Denis M., to Sterling Drug Inc. Substituted aminophenylalkyl ketones, their preparation and use. 4,539,429, 9-3-85, Cl. 514-658.000.
Bailey, Denis M., to Sterling Drug Inc. Antidepressant imidazolines and related compounds. 4,540,705, 9-10-85, Cl. 514-401.000.
Bailey, Denis M., to Sterling Drug Inc. Benzyloxy or alkoxy substituted phenylaminobenzamides. 4,549,016, 10-22-85, Cl. 544-165.000.
Bailey, Denis M.: *See—*
  Wentland, Mark P.; and Bailey, Denis M., 4,499,091, Cl. 514-254.000.
  Wentland, Mark P.; and Bailey, Denis M., 4,517,191, Cl. 514-300.000.
Bailey, Derrick S.; Cogswell, Frederic N.; and Griffin, Brian P., to Imperial Chemical Industries PLC. Shaped articles formed from polymers capable of exhibiting anisotropic melts. 4,508.891, 4-2-85, Cl. 528-191.000.
Bailey, Donald H., to Suburban Tool, Inc. Stacked dimension and deviation calculator apparatus for use with gage blocks. 4,542,473, 9-17-85, Cl. 364-560.000.
Bailey, Donald L., to Marquest Medical Products, Inc. Lyophilizing and forming biologicals having a predetermined unit dosage. 4,521,975, 6-11-85, Cl. 34-5.000.
Bailey, Donald L.: *See—*
  Packo, Joseph J.; and Bailey, Donald L., 4,508,631, Cl. 252-68.000.
Bailey, Fay W., to Phillips Petroleum Company. Thermoplastic resin composition having high impact strength. 4,499,227, 2-12-85, Cl. 524-399.000.
Bailey, Fay W.; and Whitte, William M., to Phillips Petroleum Company. Ethylene polymer blends and process for forming film. 4,547,551, 10-15-85, Cl. 525-240.000.
Bailey, Frank C.: *See—*
  Law, Kock-Yee; and Bailey, Frank C., 4,508,803, Cl. 430-59.000.
  Law, Kock-Yee; and Bailey, Frank C., 4,525,592, Cl. 564-307.000.
Bailey, Gregory W. Rotary compression bending machine. 4,524,599, 6-25-85, Cl. 72-321.000.
Bailey, Helen A. B.: *See—*
  Pierce, Harry C.; and Bailey, Helen A. B., 4,518,152, Cl. 254-134.30R.
Bailey, J. Barry W.: *See—*
  Mackey, Phillip J.; and Bailey, J. Barry W., 4,504,309, Cl. 75-72.000.
  Mackey, Phillip J.; and Bailey, J. Barry W., 4,544,141, Cl. 266-215.000.
Bailey, James T., Jr., to United States Forgecraft Corporation. Safety hook construction. 4,546,523, 10-15-85, Cl. 24-241.0PP.
Bailey, John C., to Union Carbide Corporation. Nonaqueous cell employing an anode having a boron-containing surface film. 4,516,317, 5-14-85, Cl. 29-623.500.
Bailey, John G., to Champion International Corporation. Carton for dispensing rolled sheet material. 4,549,689, 10-29-85, Cl. 229-17.00S.
Bailey, John M.; Gibson, Dennis H.; Hackett, David E.; Stockner, Alan R.; and Waldman, Donald J., to Caterpillar Tractor Co. Distributor fuel injection pump having a nutator pump subassembly. 4,531,494, 7-30-85, Cl. 123-450.000.
Bailey, John M., to Caterpillar Tractor Co. Ignition-assisted fuel combustion system. 4,548,172, 10-22-85, Cl. 123-298.000.
Bailey, John W.: *See—*
  Turner, Laurence F.; Bailey, John W.; and Parrish, Henry H., 4,562,425, Cl. 340-347.0DD.
Bailey, Julian C. Steamer. 4,499,819, 2-19-85, Cl. 99-483.000.
Bailey, Mary L. Blood bag support for centrifugation. 4,543,084, 9-24-85, Cl. 494-20.000.
Bailey, Maureen L.: *See—*
  Drozd, Jan W.; and Bailey, Maureen L., 4,560,657, Cl. 435-123.000.
Bailey, Nathan M. Portable floating fishing light. 4,553,194, 11-12-85, Cl. 362-267.000.
Bailey, Peter J.: *See—*
  Smith, Alan; and Bailey, Peter J., 4,533,632, Cl. 435-47.000.
Bailey, Ralph J. Multiposition valved dispenser. 4,493,443, 1-15-85, Cl. 222-400.800.
Bailey, Ronald D.; Charbonnier, Jacques; and Chotard, Michel, to Allied Corporation; and Societe Anonyme D.B.A. Axial retention of the shoe of a drum brake and a drum-brake shoe equipped with an axial-retention device. 4,553,649, 11-19-85, Cl. 188-340.000.
Bailey, Terry R., to Minnesota Mining and Manufacturing Company. High-angularity retroreflective sheeting and method for manufacture. 4,505,967, 3-19-85, Cl. 428-164.000.
Bailey, Theodore B., to United States of America, Navy. Absorption path controlled filter. 4,502,758, 3-5-85, Cl. 350-267.000.
Bailey, Thomas F.; Campbell, John E.; Rives, Allen K.; and Shah, Nehal M., to A-Z International Tool Company. Drilling apparatus and cutter therefor. 4,533,003, 8-6-85, Cl. 175-269.000.
Bailey, Vici, executor: *See—*
  Bailey, Arthur, deceased; and Bailey, Vici, executor, 4,492,418, Cl. 312-220.000.
Bailey, Walter H., to United States of America, Army. Adaptive threshold detection utilizing a tapped charge transfer device delay line. 4,503,432, 3-5-85, Cl. 343-7.00A.
Bailey, Warren P. N., to National Research Development Corporation. Optical inspection of machined surfaces. 4,512,663, 4-23-85, Cl. 356-446.000.
Bailey, Wayne E. Two reservoir solar air-weight impelling hydro power system. 4,508,971, 4-2-85, Cl. 290-1.00R.
Bailey, William J.: *See—*
  Van Becelaere, Robert M.; and Bailey, William J., 4,559,867, Cl. 98-1.000.
Bailey, William L.; and Kaszeta, William J., to Solavolt International. Voltage regulator. 4,544,876, 10-1-85, Cl. 323-282.000.
Bailey, William R., to Allied Corporation. Connector. 4,508,413, 4-2-85, Cl. 339-129.000.
Baileys, James P.; and Hedrick, Warren R., to Interpace Corporation. Insulated chimney assembly. 4,502,370, 3-5-85, Cl. 98-60.000.
Bailin, Sidney C.: *See—*
  Mason, Gary R.; Speaker, Kenneth W.; Macropol, James L.; McKie, Robert A.; and Bailin, Sidney C., 4,503,499, Cl. 364-200.000.
Bailleul, Gilles; and Coville, Patrick, to U.S. Philips Corporation. Heating plate for printing apparatus. 4,554,434, 11-19-85, Cl. 219-216.000.
Bailleux, Christian; Bernard, Michel; Dupont, Bernard; Lozach, Guy; and Mata, Jean-Pierre, to Electricite de France (Service National). Blend of polymers, its preparation and its application to the manufacture of components of electrochemical reactors. 4,493,917, 1-15-85, Cl. 524-394.000.
Baillie, Lloyd A., to Atlantic Richfield Company. System for measuring crush properties of a catalyst. 4,513,603, 4-30-85, Cl. 73-37.000.
Baillod, Frederic, to SRP, Inc. Shock cushioning package. 4,491,225, 1-1-85, Cl. 206-583.000.
Bailly, Andre: *See—*
  Brandon, Bernard; Bailly, Andre; and Meunier, Francis, 4,548,046, Cl. 62-79.000.
Bailly, Jean C., to BP Chimie Societe Anonyme. Catalysts for the polymerization and copolymerization of propylene and polymerization processes using these catalysts. 4,511,703, 4-16-85, Cl. 526-125.000.
Bailly, Jean C.: *See—*
  Blaya, Alain; Crouzet, Pierre; Sandis, Stylianos; and Bailly, Jean C., 4,497,904, Cl. 502-104.000.
Bailly, Richard L. Odor absorbing wrap. 4,539,982, 9-10-85, Cl. 128-156.000.
Bain, James L. W.: *See—*
  Riley, Danny A.; and Bain, James L. W., 4,552,145, Cl. 128-630.000.
Bain, John W., Jr. Security lock for kayaks and the like. 4,526,125, 7-2-85, Cl. 114-347.000.
Bain, Lee L., to Xerox Corporation. Programmable driver/controller for ink jet printheads. 4,521,786, 6-4-85, Cl. 346-140.00R.
Bain, Lee L.; and Fischbeck, Kenneth H., to Xerox Corporation. Circuitry for correcting dot placement for oscillating carriage ink jet printer. 4,524,364, 6-18-85, Cl. 346-1.100.
Bainard, Dean R., to Fluorocarbon Company, The. Method of producing a hydrodynamic seal. 4,542,573, 9-24-85, Cl. 29-417.000.
Bainbridge, Wilfred N.: *See—*
  Webster, Henry G.; and Bainbridge, Wilfred N., 4,544,057, Cl. 192-0.076.
Baines, Patrick A., to Venture Packaging, Inc. Bag with carrying handle. 4,539,705, 9-3-85, Cl. 383-8.000.
Baines, Richard M. Flexible barrier holding and manipulating mechanism. 4,553,739, 11-19-85, Cl. 256-23.000.

Bains, Elizabeth M., to AMF Incorporated. Hopping mechanism for pipe and coupling inspection probe. 4,550,605, 11-5-85, Cl. 73-622.000.

Bains, Kuldip: *See—*

Evans, John L.; and Bains, Kuldip, 4,506,738, Cl. 169-24.000.

Bains, Paul C. Apparatus for observation in a high velocity liquid stream. 4,536,789, 8-20-85, Cl. 358-99.000.

Bains, William R.; and Sumrall, Calhoun W., to Ford Aerospace & Communications Corporation. Ram air steering system for a guided missile. 4,522,357, 6-11-85, Cl. 244-3.220.

Bainton, Stephen D.: *See—*

Vance, Ian A. W.; and Bainton, Stephen D., 4,525,835, Cl. 370-29.000.

Bair, Eugene C.; and Crawford, Delmar E., to General Electric Company. Method of treating a loose wound core, method of fabricating a loose wound core, and method of operating apparatus. 4,559,698, 12-24-85, Cl. 29-598.000.

Bair, Kenneth W., to Burroughs Wellcome Co. Phenanthrene derivatives. 4,511,582, 4-16-85, Cl. 514-654.000.

Bair, Kenneth W., to Burroughs Wellcome Co. Perylene derivatives. 4,530,800, 7-23-85, Cl. 260-501.210.

Bair, Kenneth W., to Burroughs Wellcome Co. Fluoranthene derivatives. 4,532,344, 7-30-85, Cl. 560-252.000.

Bair, Kenneth W., to Burroughs Wellcome Co. Triphenylene derivatives. 4,551,282, 11-5-85, Cl. 260-501.180.

Bair, Wallace C.; Myers, Daryl L.; and Rogers, Jane W., to AT&T Technologies, Inc. Apparatus for heating a preform from which lightguide fiber is drawn. 4,547,644, 10-15-85, Cl. 219-10.49R.

Bairakovsky, Gennady M.: *See—*

Sidorov, Viktor V.; Tselniker, Efim Y.; Sidorov, Evgeny P.; Sukhov, Leonid V.; Gorb, Vyacheslav F.; and Bairakovsky, Gennady M., 4,495,401, Cl. 219-136.000.

Baird, Billy C.: *See—*

Baird, William R.; and Baird, Billy C., 4,527,486, Cl. 105-215.00C.

Baird Corporation: *See—*

Gilles, Pieter; and Schmitt, Jean-Claude, 4,528,158, Cl. 422-63.000.

Baird, David M. Seal for quick disconnect coupling. 4,493,475, 1-15-85, Cl. 251-149.100.

Baird, Denzil B.: *See—*

Dansie, Ryan F.; Holmes, Wendell; and Baird, Denzil B., 4,556,199, Cl. 254-348.000.

Baird, Donald H.: *See—*

Freeman, Eva C.; and Baird, Donald H., 4,508,610, Cl. 204-192.00P.

Baird, J. Mark; Barnett, Larry R.; and Lau, Yue-Ying, to United States of America, Navy. Active circulator gyrotron traveling-wave amplifier. 4,554,483, 11-19-85, Cl. 315-4.000.

Baird, John K.; and Shim, Jaewon L., to Merck & Co., Inc. Non-heated gellan gum gels. 4,503,084, 3-5-85, Cl. 426-573.000.

Baird, Malcolm H. I.; and Nirdosh, Inderjit, to University of Waterloo. Determination of surface and interfacial tension. 4,523,456, 6-18-85, Cl. 73-64.400.

Baird Manufacturing Company: *See—*

Looney, Raymond H., 4,531,542, Cl. 137-514.700.

Baird, Richard H.; Blechar, Theodore J.; Giladett, Leo V. B.; Horner, Reginald M.; Prouty, Gerald G.; and Rinde, David L., to Electric Power Research Institute, Inc. Kinetically bonded tubes and tubesheet. 4,527,623, 7-9-85, Cl. 165-173.000.

Baird, Thomas E., Sr.: *See—*

Ford, Roger S.; Shie, Herman J., III; and Baird, Thomas E., Sr., 4,514,199, Cl. 55-337.000.

Baird, Truette H.: *See—*

Fullbright, Olen E.; Baird, Truette H.; and Wade, Jack H., 4,527,403, Cl. 66-177.000.

Baird, William C., Jr.; and Mauldin, Charles H., to Exxon Research & Engineering Co. Catalytic reforming process. 4,541,915, 9-17-85, Cl. 208-65.000.

Baird, William R.; and Baird, Billy C., to Saturn Machine & Welding Co., Inc. Vehicle with selectively useable wheel sets. 4,527,486, 7-9-85, Cl. 105-215.00C.

Baisden, Jerry. Crane tool for attachment to a backhoe arm. 4,523,684, 6-18-85, Cl. 212-175.000.

Baise, Arnold I.; and Wu, Anthony W., to International Business Machines Corporation. Biphenylene end-capped quinoxaline polymers and their use as insulating coatings for semiconductor devices. 4,507,333, 3-26-85, Cl. 427-82.000.

Bajars, Laimonis: *See—*

Happel, John; Hnatow, Miguel A.; and Bajars, Laimonis, 4,491,639, Cl. 502-219.000.

Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, to Hitachi, Ltd. Photosensor with diode array. 4,495,409, 1-22-85, Cl. 250-211.00J.

Baji, Toru: *See—*

Koike, Norio; Tsukada, Toshihisa; Baji, Toru; and Sasano, Akira, 4,500,915, Cl. 358-44.000.

Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, 4,556,800, Cl. 250-578.000.

Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, 4,554,478, Cl. 313-366.000.

Bajka, Imre; and Furrer, Robert, to Siemens Aktiengesellschaft Berlin & Munchen. Method for removing solder from the drill holes of empty printed circuit boards coated with solder. 4,501,770, 2-26-85, Cl. 427-97.000.

Bajon, Jean: *See—*

Favreau, Michel; Bajon, Jean; and Soca, Serge, 4,499,486, Cl. 358-37.000.

Bajtala, Ladislav; and Puskin, Pavel, to System-Finanz Anlagenberatungsgesellschaft m.b.H., by said Ladislav Bajtala. Cigarette dispenser with electric starter. 4,556,154, 12-3-85, Cl. 221-147.000.

Bajulaz, Roger. Method for the transformation of thermal energy into mechanical energy by means of a combustion engine as well as this new engine. 4,513,568, 4-30-85, Cl. 60-39.600.

Bak, Claude; Bellocci, Rio; and Colmet, Serge, to Pont-a-Mousson S.A. Method for inoculating liquid metal cast under low pressure. 4,527,608, 7-9-85, Cl. 164-58.100.

Baka Manufacturing Company, Inc.: *See—*

Wapner, Herbert H., 4,548,200, Cl. 128-207.170.

Bakai, Eduard A.: *See—*

Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.

Bakalyar, Stephen R., to Rheodyne Incorporated. Injector with minimal flow-interrupt transient. 4,506,558, 3-26-85, Cl. 73-863.720.

Bakay, Arpad: *See—*

Bodas, Janos; Bakay, Arpad; Papp, Istvan; Palfalvi, Gyorgy; and Kovacs, Gyula, 4,538,677, Cl. 165-146.000.

Bake, Earl A.: *See—*

Clapper, Robert L.; Gradle, Richard J.; and Bake, Earl A., 4,522,230, Cl. 137-496.000.

Bake, Louis S., Jr. Cushioned container. 4,533,050, 8-6-85, Cl. 206-545.000.

Bakel, Izhak, to Geshuri Laboratories Ltd. Process for producing N-phosphonomethylglycine acid. 4,507,250, 3-26-85, Cl. 260-502.50F.

Bakeman, Paul E., Jr.; and Quinn, Robert M., to International Business Machines Corporation. Method for increasing the radiation resistance of charge storage semiconductor devices. 4,506,436, 3-26-85, Cl. 29-577.00C.

Baker Aktiengesellschaft: *See—*

Junge, Bodo; and Muller, Lutz, 4,536,493, Cl. 514-25.000.

Baker, Alan J. Hand-held scraper. 4,495,670, 1-29-85, Cl. 15-236.00R.

Baker, Alan J.; and Leiby, Robert W. Precision angle transducer using nonprecision rotors. 4,533,902, 8-6-85, Cl. 340-347.00P.

Baker, Alan S., to Imperial Chemical Industries PLC. Emulsifying agents. 4,504,275, 3-12-85, Cl. 44-51.000.

Baker, Alan S., to Imperial Chemical Industries PLC. Emulsifying agents. 4,504,276, 3-12-85, Cl. 44-51.000.

Baker, Alan S., to Imperial Chemical Industries PLC. Emulsifying agents. 4,509,950, 4-9-85, Cl. 44-51.000.

Baker, Alfred G.; and Baker, Andrew J. Process for producing hollow, bilayered silicate microspheres. 4,549,892, 10-29-85, Cl. 65-21.400.

Baker, Andrew J.: *See—*

Baker, Alfred G.; and Baker, Andrew J., 4,549,892, Cl. 65-21.400.

Baker, Andrew P.: *See—*

Carpenter, Peter E. G.; and Baker, Andrew P., 4,496,916, Cl. 337-6.000.

Baker, Anthony C.; and Pinkham, Thomas A., to Interpace Corporation. Line-post insulator support system, method of assembly thereof, and clamp for use therein. 4,523,054, 6-11-85, Cl. 174-45.00R.

Baker, Bart M.: *See—*

Baker, Stanley Z.; Baker, Bart M.; and Baker, Benjamin H., 4,550,525, Cl. 43-131.000.

Baker, Benjamin H.: *See—*

Baker, Stanley Z.; Baker, Bart M.; and Baker, Benjamin H., 4,550,525, Cl. 43-131.000.

Baker, Bernard R., to Kaiser Aluminum & Chemical Corporation. Nickel sulfate coloring process for anodized aluminum. 4,559,114, 12-17-85, Cl. 204-37.600.

Baker, Bernard S.; and Ghezel-Ayagh, Hossein G., to Energy Research Corporation. Fuel cell system. 4,532,192, 7-30-85, Cl. 429-19.000.

Baker, Bradley D.; and Kelly, Richard L., to Dysan Corporation. Method and apparatus for disk drive alignment. 4,513,331, 4-23-85, Cl. 360-75.000.

Baker CAC, Inc.: *See—*

Foster, Stephen R.; and Austin, Peter W., 4,523,516, Cl. 92-130.00B.

Baker, Charles D., to University of Utah Research Institute. Artificial sphincter apparatus and method. 4,553,271, 11-19-85, Cl. 623-14.000.

Baker, Charles D., to Technical Research Associates, Inc. Polymethylmethacrylate bone cements and methods for preparing such bone cements. 4,554,686, 11-26-85, Cl. 623-16.000.

Baker, Charles L.; and Mannino, Mickeal. Self-contained emergency escape device. 4,506,760, 3-26-85, Cl. 182-5.000.

Baker, Charles M. Automatic coal stove stoker. 4,537,140, 8-27-85, Cl. 110-281.000.

Baker, Christopher J.: *See—*

Fenemore, Keith E.; Foden, George P.; and Baker, Christopher J., 4,501,973, Cl. 290-1.00A.

Baker Colony Farms Ltd.: *See—*

Maendel, Jonathan P., 4,512,393, Cl. 165-54.000.

Baker, Dale A., to Harnischfeger Corporation. Apparatus for checking alignment of tandem flangeless monorail wheels. 4,545,128, 10-8-85, Cl. 33-203.000.

Baker, Don R.; and Tam, Teresa M., to Stauffer Chemical Company. N-Carbonyl-N-(4-substituted benzyl)-4-chloroanilines. 4,521,243, 6-4-85, Cl. 71-100.000.

Baker, Don R.: *See—*

Tam, Teresa M.; and Baker, Don R., 4,544,398, Cl. 71-88.000.

Walker, Francis H.; and Baker, Don R., 4,548,641, Cl. 71-118.000.

Baker, Donal E., to Westinghouse Electric Corp. Demodulator circuit for parallel AC power systems. 4,510,399, 4-9-85, Cl. 307-57.000.

Baker, Donal E., to Westinghouse Electric Corp. Electronic phase detector having an output which is proportional to the phase difference between two data signals. 4,520,319, 5-28-85, Cl. 328-133.000.

Baker, Donal E., to Westinghouse Electric Corp. Variable speed constant frequency power system with auxiliary DC output. 4,554,501, 11-19-85, Cl. 322-29.000.

Baker, Donn; Clark, John E.; and Johnson, Chris G., to AT&T Information Systems. Modular cross-connect panel. 4,536,052, 8-20-85, Cl. 339-126.00R.

Baker Drilling Equipment Company: *See—*
  McCubbin, Charles E., 4,506,555, Cl. 73-862.460.

Baker, Dwight C.: *See—*
  Olsen, Richard E.; and Baker, Dwight C., 4,519,028, Cl. 364-200.000.

Baker, Edward D.; Lang-Ree, Nils; and Johnson, Ralph K., to Nieco Corporation. Pizza oven. 4,506,652, 3-26-85, Cl. 126-21.00A.

Baker, Edward H.; and King, George R. Restraining belts. 4,532,681, 8-6-85, Cl. 403-28.000.

Baker, Gary C. Spot thermal or environmental conditioner. 4,522,255, 6-11-85, Cl. 165-48.00R.

Baker, Gary C., to Hurt, William B., a part interest. Spot thermal or environmental conditioner. 4,526,227, 7-2-85, Cl. 165-124.000.

Baker, George A.: *See—*
  Sattelberg, Stanley E.; and Baker, George A., 4,498,602, Cl. 220-452.000.

Baker, George E.: *See—*
  Ziehm, Richard T.; Wilczek, Stephen P.; Baker, George E.; Husted, Raymond R.; Dumas, Glen A.; Bunker, Keith G.; and Place, George H., Jr., 4,521,847, Cl. 364-184.000.

Baker, Gordon P.: *See—*
  Warman, Thomas E.; Baker, Gordon P.; and Smith, James E., 4,544,090, Cl. 227-131.000.

Baker, Gregory L.; and Bates, Frank S., to AT&T Bell Laboratories. Polymerizing monomer in presence of polymer containing electrophilic moiety using Ziegler-Natta catalyst. 4,525,538, 6-25-85, Cl. 525-275.000.

Baker, Harold L., to Morrison Products, Inc. Center plate-blade interconnection on a centrifugal blower wheel. 4,515,527, 5-7-85, Cl. 416-184.000.

Baker, Henry L.: *See—*
  Gargini, Eric J.; and Baker, Henry L., 4,538,174, Cl. 358-86.000.

Baker, Hugh W. B.; Buckle, Valerie A.; and Fehr, Ivor J. M., to Gillette Company, The. Writing instrument with nib operated valve. 4,547,090, 10-15-85, Cl. 401-235.000.

Baker, Hugh W. B.; and White, Robert, to Gillette Company, The. Marking instrument. 4,551,035, 11-5-85, Cl. 401-104.000.

Baker, Hugh W. B.; and Whiting, Graham J., to Gillette Company, The. Writing instrument tip. 4,551,038, 11-5-85, Cl. 401-265.000.

Baker, Ian M., to U.S. Philips Corporation. Infra-red radiation imaging devices and methods for their manufacture. 4,521,798, 6-4-85, Cl. 357-30.000.

Baker, Ian M., to U.S. Philips Corporation. Method of manufacturing an infrared radiation imaging device. 4,559,695, 12-24-85, Cl. 29-572.000.

Baker Industries Inc.: *See—*
  Vogt, William R.; and Wynne, John M., 4,507,652, Cl. 340-501.000.
  Wynne, John M., 4,529,970, Cl. 340-506.000.

Baker Instruments Corporation: *See—*
  Kang, Jemo; and Tolman, Glen L., 4,529,796, Cl. 536-29.000.

Baker International Corporation: *See—*
  Goodwin, Alton C.; Junglen, Mark T.; and Kent, John S., 4,554,963, Cl. 165-1.000.
  Herron, Charles R., 4,520,734, Cl. 105-157.00R.
  Schmuck, Phillip W.; Salerni, John V.; and Wetzel, Rodney J., 4,540,051, Cl. 166-278.000.

Baker, Ira R.: *See—*
  Barreras, Francisco J.; and Baker, Ira R., 4,556,061, Cl. 128-419.0PT.

Baker, Irwin G., to Boeing Company, The. Triple redundant electromechanical linear actuator and method. 4,521,707, 6-4-85, Cl. 310-80.000.

Baker, James G., to Polaroid Corporation. Compact afocal attachment for use with photographic objectives. 4,496,223, 1-29-85, Cl. 350-432.000.

Baker, James W., Jr.: *See—*
  Darland, Michael L.; Stoner, Donald L.; Baker, James W., Jr.; and Sponhnholtz, Michael A., 4,500,751, Cl. 179-2.0DP.

Baker, Jay S., to Ampex Corporation. Zero-delay ramp generator. 4,520,276, 5-28-85, Cl. 307-228.000.

Baker, Jay S., to Ampex Corporation. Predistortion circuit. 4,532,604, 7-30-85, Cl. 364-851.000.

Baker, Jay S., to Ampex Corporation. Current controlled amplifier. 4,562,406, 12-31-85, Cl. 330-85.000.

Baker, Jerry D.: *See—*
  Sebenik, Roger F.; Baker, Jerry D.; and Laferty, John M., 4,547,345, Cl. 423-53.000.

Baker, Jerry W.; Crus, Richard A.; and Haderle, Donald J., to International Business Machines Corporation. Method for assuring atomicity of multi-row update operations in a database system. 4,498,145, 2-5-85, Cl. 364-900.000.

Baker, John N.: *See—*
  Rogers, Colin C.; Baker, John N.; and Estebanez, Joseph, 4,537,212, Cl. 137-2.000.

Baker, Joseph, to Automatic Switch Company. Rotary valve. 4,501,297, 2-26-85, Cl. 137-625.460.

Baker, M. J., to British Aerospace Public Limited Company. Sequencing means for Stirling cycle, Ericsson cycle or like apparatus. 4,528,818, 7-16-85, Cl. 62-6.000.

Baker, Malcolm J.: *See—*
  Stiff, Rodney A.; and Baker, Malcolm J., 4,530,293, Cl. 111-2.000.
  Stiff, Rodney A.; Baker, Malcolm J.; and Lester, Leslie J., 4,555,896, Cl. 56-13.900.

Baker, Maurice G., to Imperial Chemical Industries PLC. Catalyst production and use. 4,548,916, 10-22-85, Cl. 502-105.000.

Baker, Melvin C., to Du Pont de Nemours, E. I., and Company. Method for reducing color of poly(tetramethylene ether) glycol with hypochlorite. 4,525,580, 6-25-85, Cl. 528-490.000.

Baker, Michael E.; and Baker, Thomas M., to Boeing Company, The. High lift system control assembly. 4,533,096, 8-6-85, Cl. 244-75.00R.

Baker, Michael J.; and Hardwick, Geoffrey J., to British Gas Corporation. Gas-fired water heaters. 4,530,347, 7-23-85, Cl. 126-360.00R.

Baker, Nathaniel R.: *See—*
  Lynch, Franklin E.; and Baker, Nathaniel R., 4,520,763, Cl. 123-1.00A.

Baker Oil Tools, Inc.: *See—*
  Akkerman, Neil H., 4,542,792, Cl. 166-374.000.
  Anderson, David M.; and Kim, Yung J., 4,501,440, Cl. 285-47.000.
  Anderson, David M., 4,526,408, Cl. 285-47.000.
  Beimgraben, Herbert W., 4,495,073, Cl. 210-448.000.
  Beimgraben, Herbert W., 4,515,011, Cl. 73-151.000.
  Beimgraben, Herbert W., 4,522,272, Cl. 175-74.000.
  Beimgraben, Herbert W., 4,560,013, Cl. 175-73.000.
  Carmody, Michael A., 4,503,913, Cl. 166-319.000.
  Chenoweth, David V.; and McStravick, David M., 4,509,599, Cl. 166-370.000.
  Fineberg, Douglas H., 4,531,587, Cl. 166-332.000.
  Jackson, Gerald D., 4,493,373, Cl. 166-321.000.
  Kim, Yung J., 4,531,552, Cl. 138-149.000.
  Krause, William F., Jr.; and Hopmann, Mark E., 4,510,995, Cl. 166-217.000.
  Le, Tam D.; and Turner, Weems D., 4,519,262, Cl. 74-89.200.
  Luke, Mike A., 4,548,265, Cl. 166-140.000.
  Muse, John F.; Riddle, Harry W.; Zeiler, Frank S.; and Buruato, Juventino, 4,531,582, Cl. 166-241.000.
  Peterson, Elmer R., 4,531,590, Cl. 175-4.520.
  Riddle, Harry W., 4,530,399, Cl. 166-173.000.
  Ross, Richard J.; and Speller, David J., 4,498,536, Cl. 166-250.000.
  Ross, Richard J., 4,535,842, Cl. 166-63.000.
  Ross, Richard J.; and Speller, David J., 4,552,218, Cl. 166-319.000.
  Salerni, John V.; and Zachman, James R., 4,541,484, Cl. 166-278.000.
  Stout, Gregg W., 4,515,217, Cl. 166-297.000.
  Stout, Gregg W., 4,523,649, Cl. 175-4.510.
  Stout, Gregg W., 4,526,233, Cl. 166-377.000.
  Stout, Gregg W.; and Nelson, John A., 4,543,700, Cl. 29-426.400.
  Stout, Gregg W., 4,557,331, Cl. 166-297.000.
  Weinberg, Roger A.; and Glaser, Mark C., 4,508,167, Cl. 166-120.000.
  Weinberg, Roger A., 4,513,817, Cl. 166-138.000.
  Wetzel, Rodney J.; and Stout, Gregg W., 4,541,486, Cl. 166-297.000.
  Wetzel, Rodney J.; and Stout, Gregg W., 4,543,703, Cl. 29-455.00R.

Baker, Pamela K.; and Kiernan, Jane A., to American Cyanamid Company. Phenylethanolamine derivatives and acid addition salts thereof for enhancing the growth rate of meat-producing animals and improving the efficiency of feed utilization thereby. 4,501,751, 2-26-85, Cl. 514-374.000.

Baker, Paul A.; and Strautz, Michael G., to AT&T Bell Laboratories. Module mounting assembly. 4,511,201, 4-16-85, Cl. 339-75.0MP.

Baker, Paul E., to Immunex Corporation. Serum-free cell culture medium and process for making same. 4,560,655, 12-24-85, Cl. 435-241.000.

Baker Perkins Exports Pty. Ltd.: *See—*
  Willett, Paul E., 4,538,050, Cl. 219-388.000.

Baker Perkins Holdings PLC: *See—*
  Johnson, Reginald F., 4,505,093, Cl. 53-531.000.
  Salter, Keith, 4,522,503, Cl. 366-287.000.
  Wilson, Peter G., 4,549,386, Cl. 53-51.000.

Baker, Peter J.; Brookes, David A.; and Johnson, Martin, to British Petroleum Company p.l.c., The. Mineral slurries. 4,525,173, 6-25-85, Cl. 44-51.000.

Baker, Peter J., to General Motors Corporation. Combined spring mount and sectioned cage construction. 4,555,002, 11-26-85, Cl. 192-45.000.

Baker, Philip G.: *See—*
  Plummer, William T.; and Baker, Philip G., 4,561,753, Cl. 354-432.000.

Baker ProLift, Inc.: *See—*
  Albert, James W.; and Turner, Weems D., 4,496,285, Cl. 417-12.000.

Baker, Quentin A., to Southwest Research Institute. Staged direct injection diesel engine. 4,543,930, 10-1-85, Cl. 123-299.000.

Baker, Rees T.; Chludzinski, James J.; and Dumesic, James A., to Exxon Research & Engineering Co. Inhibition of carbon accumulation on metal surfaces. 4,529,626, 7-16-85, Cl. 427-226.000.

Baker, Richard, to Corning Glass Works. Multiple-user optical analyzer system using optical network for data transmission and control. 4,509,212, 4-2-85, Cl. 455-612.000.

Baker, Richard E., Jr.: *See—*
  Baker, Richard E., Sr.; and Baker, Richard E., Jr., 4,552,720, Cl. 422-26.000.

Baker, Richard E., Sr.; and Baker, Richard E., Jr., to American Sterilizer Company. Debris compressing autoclave. 4,552,720, 11-12-85, Cl. 422-26.000.
Baker, Richard H.; Chu, David L.; and Chambers, Derek, to Reliance Electric Company. Series resonance charge transfer regulation method and apparatus. 4,523,269, 6-11-85, Cl. 363-138.000.
Baker, Richard H., to Gould Inc. Field effect regulator with stable feedback loop. 4,536,699, 8-20-85, Cl. 323-276.000.
Baker, Richard W., to Pako Corporation. Film-width and transmittance scanner system. 4,506,969, 3-26-85, Cl. 354-298.000.
Baker, Richard W., to Medtronic, Inc. Pacemaker programmer with telemetric functions. 4,550,370, 10-29-85, Cl. 364-413.000.
Baker, Richard W., to Membrane Technology and Research, Inc. Process for recovering organic vapors from air. 4,553,983, 11-19-85, Cl. 55-16.000.
Baker, Richard W.: *See*—
Roman, Ian C.; and Baker, Richard W., 4,542,010, Cl. 423-579.000.
Baker, Robert D.; Driggers, Gerald W.; Gray, Ronald W.; and Hawkins, Lawrence A., to Combustion Engineering, Inc. Tubular discharge electrode for electrostatic precipitator. 4,521,229, 6-4-85, Cl. 55-137.000.
Baker, Robert G., to Nordson Corporation. Hot melt adhesive hose cuff. 4,518,016, 5-21-85, Cl. 138-96.00R.
Baker, Robert G.: *See*—
Jameson, Calvin R.; and Baker, Robert G., 4,553,023, Cl. 219-301.000.
Baker, Robert R.; and Allor, Richard L., to Ford Motor Company. Device for directly analyzing strength of ceramic tool bits. 4,552,024, 11-12-85, Cl. 73-821.000.
Baker, Robert W., to AMP Incorporated. Electrical connector. 4,497,531, 2-5-85, Cl. 339-94.00M.
Baker, Rodney W. Ratchet tool. 4,507,989, 4-2-85, Cl. 81-57.390.
Baker, Ronald D., to American Industries, Inc. Light fixture. 4,531,179, 7-23-85, Cl. 362-371.000.
Baker, Ross G., Jr.; and Calfee, Richard V., to Intermedics, Inc. Microprocessor controlled cardiac pacemaker and method for avoiding pacer sustained tachycardia. 4,554,920, 11-26-85, Cl. 128-419.0PG.
Baker, Ross G., Jr.: *See*—
Calfee, Richard V.; Bertasz, Robert N.; Terry, Reese S., Jr.; Gordon, Pat L.; and Baker, Ross G., Jr., 4,539,992, Cl. 128-419.0PG.
Baker, Roy F.; and Banach, Frank G., to Zenith Electronics Corporation. Television AFC system usable with offset carrier frequencies. 4,547,805, 10-15-85, Cl. 358-195.100.
Baker, Scott A.: *See*—
Bortnik, John F.; Clayman, Donald A.; and Baker, Scott A., 4,491,568, Cl. 423-442.000.
Baker, Stanley Z. Flytrap. 4,490,938, 1-1-85, Cl. 43-114.000.
Baker, Stanley Z.; Baker, Bart M.; and Baker, Benjamin H., to J. T. Eaton & Company, Inc. Tamper proof rodent bait station. 4,550,525, 11-5-85, Cl. 43-131.000.
Baker, Stephen R.; Jamieson, William B.; Ross, William J.; and Todd, Alec, to Lilly Industries Limited. SRS-A Antagonists. 4,513,005, 4-23-85, Cl. 514-451.000.
Baker, Stephen R.; Lindstrom, Terry D.; Jamieson, William B.; and Ross, William J., to Lilly Industries Limited. Certain aurones and their use in the treatment of allergies. 4,532,257, 7-30-85, Cl. 514-470.000.
Baker, Steven F., to General Motors Corporation. Locking fuel cap. 4,527,406, 7-9-85, Cl. 70-165.000.
Baker, Steven S.; Webb, Peter J.; and Clarke, John B., to British Steel Corporation. Lancing in electric arc steelmaking. 4,530,102, 7-16-85, Cl. 373-105.000.
Baker, Terence S.; and Couslon, William F. Assay. 4,508,830, 4-2-85, Cl. 436-510.000.
Baker, Thomas J.: *See*—
Sweet, Richard H.; Baker, Thomas J.; Stickel, Erick E.; and Gauthier, Emile, 4,527,315, Cl. 24-615.000
Baker, Thomas M.: *See*—
Baker, Michael E.; and Baker, Thomas M., 4,533,096, Cl. 244-75.00R.
Baker, Thomas R.; Hittenberger, William H.; and Posen, Boris J., to Kliklok Corporation. Apparatus and method for high speed forming a hinged carton. 4,549,876, 10-29-85, Cl. 493-169.000.
Baker, W. Barry; and Betsill, Harry E., to Du Pont de Nemours, E. I., and Company. Pump unit for sampling air. 4,527,953, 7-9-85, Cl. 417-38.000.
Baker, Walter F. Woodbox. 4,517,956, 5-21-85, Cl. 126-283.000.
Baker, Warren N. Portable acoustical shield and sound enhancing closure. 4,515,238, 5-7-85, Cl. 181-30.000.
Baker, William; Smith, Gordon H.; Beach, Xiomara I.; Sallee, Gary F.; Stein, Jeffrey I.; and Charest, George E., to Masco Corporation of Indiana. Processor controlled, scanning radio receiver having tabular storage of service band frequency codes. 4,521,915, 6-4-85, Cl. 455-165.000.
Baker, William B.; and Betsill, Harry E., to Du Pont de Nemours, E. I., and Company. Audio dosimeter. 4,554,639, 11-19-85, Cl. 364-556.000.
Baker, William E. Relief valve. 4,497,338, 2-5-85, Cl. 137-467.000.
Baker, William H. Modular welded perimeter skimming gutter for swimming pools. 4,542,544, 9-24-85, Cl. 4-510.000.
Baker, William R., to Thrall Car Manufacturing Company. Center beam railroad freight car. 4,543,887, 10-1-85, Cl. 105-355.000.
Bakermans, Johannes C. W., to AMP Incorporated. Apparatus for fabrication of a crossover wire harness. 4,493,147, 1-15-85, Cl. 29-861.000.
Bakermans, Johannes C. W.; and Grabbe, Dimitry G., to AMP Incorporated. Apparatus for performing operations on strip material. 4,497,196, 2-5-85, Cl. 72-405.000.
Bakermans, Johannes C. W.; and Korsunsky, Iosif, to AMP Incorporated. Leadless integrated circuit package housing having means for contact replacement. 4,504,887, 3-12-85, Cl. 361-399.000.
Bakermans, Johannes C. W.; Grabbe, Dimitry G.; and Korsunsky, Iosif, to AMP Incorporated. Connection of leadless integrated circuit package to a circuit board. 4,513,353, 4-23-85, Cl. 361-399.000.
Bakermans, Johannes C. W., to AMP Incorporated. Modular unit assembly machine. 4,531,280, 7-30-85, Cl. 29-564.600.
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Ajmera, Shreyas H., 4,522,301, Cl. 206-507.000.
Bakhshi, Shiv K.: *See*—
Stahl, Steven B.; Bakhshi, Shiv K.; and Naul, George M., 4,508,673, Cl. 264-120.000.
Bakhshi, Virendar S.: *See*—
Powell, Byron E.; Bakhshi, Virendar S.; and Randolph, Donald A., 4,552,683, Cl. 252-189.000.
Bakish Materials Corp.: *See*—
Neumann, Manfred; Schiller, Siegfried; ZeiBig, Gerhard; Morgner, Henry; and Jasch, Gunter, 4,524,717, Cl. 118-718.000.
Neumann, Manfred; Morgner, Henry; Forster, Harry; Jasch, Gunter; Kunack, Wilfried; Godenschweg, Martin; and Unganz, Peter, 4,532,888, Cl. 118-718.000.
Bakken, Paula S. Waitress apron. 4,545,079, 10-8-85, Cl. 2-48.000.
Bakker, Harry J.: *See*—
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Bakker, Jan, to U.S. Philips Corporation. Magnetic head and method of manufacturing a magnetic head. 4,494,160, 1-15-85, Cl. 360-129.000.
Bakker, John A., to Illinois Tool Works Inc. Security device. 4,502,305, 3-5-85, Cl. 70-49.000.
Bakker, William J. Paper roll rewinder. 4,492,345, 1-8-85, Cl. 242-67.30R.
Bako, Lazlo; and Scelba, Stephen S., to Presto Lock, Inc. Security device for firearms. 4,499,681, 2-19-85, Cl. 42-1.00Y.
Bako, Lazlo, to Presto Lock, Inc. Combination lock with security feature. 4,520,641, 6-4-85, Cl. 70-312.000
Bakola-Christianopoulou, Maria: *See*—
Papageorgiou, Vassilios P.; Bakola-Christianopoulou, Maria; and Tsipis, Constantinos A., 4,560,782, Cl. 556-137.000.
Bakron Corp.: *See*—
Badillo, Paul, 4,493,278, Cl. 112-184.000.
Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., to Gulf Oil Corporation. Preparation of an aromatic polyimide acid by solution polymerization using propylene glycol methyl ether. 4,524,171, 6-18-85, Cl. 524-376.000.
Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., to Gulf Oil Corporation. Method of preparation of polyimide acids. 4,535,115, 8-13-85, Cl. 524-376.000.
Bakshi, Kiran R.; D'Souza, Adrian; and Sabourin, Edward T., to Gulf Research & Development Company. Isolation of m,m'-dinitrobenzophenone. 4,560,800, 12-24-85, Cl. 568-306.000.
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Cioci, Sergio, 4,557,643, Cl. 409-136.000.
Balaban, Alvin R.; and Steckler, Steven A., to RCA Corporation. Digital television receiver with time-multiplexed analog-to-digital converter. 4,514,760, 4-30-85, Cl. 358-143.000.
Balaban, Alvin R.; and Steckler, Steven A., to RCA Corporation. Digital television receiver with analog-to-digital converter having time multiplexed gain. 4,517,586, 5-14-85, Cl. 358-13.000.
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Steckler, Steven A.; and Balaban, Alvin R., 4,502,078, Cl. 358-188.000.
Balabanova, Tzvetanka. Foldable multi-functional carriage. 4,493,492, 1-15-85, Cl. 280-651.000.
Balage, Charly G.: *See*—
Le Dantec, Olivier J.; and Balage, Charly G., 4,553,889, Cl. 411-21.000.
Balakrishnan, Ramanatha V., to National Semiconductor Corporation. Schottky TTL integrated logic gate circuit with reduced speed power product. 4,504,744, 3-12-85, Cl. 307-456.000.
Balakrishnan, Ramanatha V., to National Semiconductor Corporation. Current limiting circuit for high current peripheral drivers. 4,533,839, 8-6-85, Cl. 307-270.000.
Balanky, Michael F. Protective cover for vehicles. 4,531,560, 7-30-85, Cl. 150-52.00K.
Balanovsky, Lev; and Brauner, Arne H., to International Paper Company. Non-round liquid-tight paper board container. 4,505,423, 3-19-85, Cl. 229-5.500.
Balanyk, Thomas E.: *See*—
Sandham, H. James; and Balanyk, Thomas E., 4,496,322, Cl. 433-217.000.
Balashova, Taisia M.: *See*—
Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.
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- Balasubramanian N., to Digital Optics Corporation. Braked gravity transport for laser reading and writing systems. 4,505,578, 3-19-85, Cl. 355-43.000.
- Balax, Inc.: *See—*
  - Koller, Joseph A., 4,539,832, Cl. 72-118.000.
- Balazs, Endre A.; and Leshchiner, Adolf, to Biomatrix, Inc. Hyaluronate modified polymeric articles. 4,500,676, 2-19-85. Cl. 525-54.200.
- Balazs, Laszlone: *See—*
  - Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, 4,533,638, Cl. 435-288.000.
- Balazs nee Czurda, Marta: *See—*
  - Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.
- Balbes, Michael S.; Day, Charles E.; Hooper, Robert L.; and Lin, Hank S., to Microdyne Corporation. Receive only earth satellite ground station. 4,538,175, 8-27-85, Cl. 358-86.000.
- Balbinot, Renzo: *See—*
  - Vaccari, Franco; and Balbinot, Renzo, 4,507,877, Cl. 36-2.600.
- Balbo, Edoardo, to Ing. C. Olivetti & C., S.p.A. Ink-jet printer damping. 4,528,578, 7-9-85, Cl. 346-140.00R.
- Balbo, Edoardo: *See—*
  - Brescia, Riccardo; Manini, Enrico; Balbo, Edoardo; and Scardovi, Alessandro, 4,546,361, Cl. 346-140.00R.
- Balboni, Francis H. Snow removal implement. 4,531,713, 7-30-85, Cl. 254-131.500.
- Balch, Duane C., to Chartwell Corporation. Locking drain valve. 4,512,547, 4-23-85, Cl. 251-115.000.
- Balch, Duane C., to Chartwell Corporation. Oil drainage and collection system. 4,530,421, 7-23-85, Cl. 184-1.500.
- Balch, John A.: *See—*
  - Sovis, John F.; and Balch, John A., 4,547,206, Cl. 55-255.000.
- Balch, Richard A.; and Palmer, Ansell W., to General Electric Company. Sensing switch for a detachable communications probe. 4,491,791, 1-1-85, Cl. 324-157.000.
- Balchunis, Robert J.; and Sher, Frank T., to Minnesota Mining and Manufacturing Company. Antistatic films. 4,532,185, 7-30-85, Cl. 428-447.000.
- Balcke-Duerr AG: *See—*
  - Fickelscher, Kurt G., 4,521,158, Cl. 416-160.000.
  - Fickelscher, Kurt G., 4,541,816, Cl. 464-81.000.
  - Fickelscher, Kurt G., 4,545,263, Cl. 74-640.000.
  - Ruscheweyh, Hans, 4,498,786, Cl. 366-336.000.
  - Ruscheweyh, Hans, 4,514,344, Cl. 261-159.000.
  - Ruscheweyh, Hans, 4,527,903, Cl. 366-337.000.
  - Trage, Burghard; Hintzen, Franz-Josef; and Leitz, Richard, 4,550,570, Cl. 60-693.000.
- Balcon Industries: *See—*
  - Ballo, James A., 4,516,489, Cl. 100-98.00R.
- Balczun, Paul J., to Lord Corporation. Grease seal. 4,498,679, 2-12-85, Cl. 277-92.000.
- Balda, Raymond J.; Bukhman, Yefim; and Goodner, Willis R., to Motorola, Inc. Process for fabricating semiconductor device. 4,523,372, 6-18-85, Cl. 29-590.000.
- Balde, Daniel; and Boutemy, Gerard E. M., to Produits Chimiques Ugine Kuhlmann. 2-(Or4-)Amino-5-alkylthio-pyrimidine herbicides. 4,528,026, 7-9-85, Cl. 71-92.000.
- Balde, Daniel: *See—*
  - Bernard, Michel; Balde, Daniel; Ghenassia, Elie; and Laumain, Francois, 4,499,222, Cl. 524-123.000.
- Baldenko, Dmitry F.; Gusman, Moisei T.; and Semenets, Valery I., to Vsesojuzny Nauchno-Issledovatelsky Institut Burovoi Tekhniki. Bottom hole motor for driving rock-breaking tool. 4,518,049, 5-21-85, Cl. 175-107.000.
- Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., to Vsesojuzny Nauchno-Issledovatelsky Institut Burovoi Tekhniki. Hinge joint for a screw planetary hydraulic drill. 4,556,398, 12-3-85, Cl. 464-16.000.
- Balder, Richard T.; and Knutsen, Michael P. Portable bird perch assembly. 4,497,278, 2-5-85, Cl. 119-26.000.
- Baldi, Alfonso L.; and Damiano, Victor V., to Alloy Surfaces Company, Inc. Diffusion aluminizing of cobalt-base superalloys. 4,528,215, 7-9-85, Cl. 427-252.000.
- Baldi, Alfonso L., to Alloy Surfaces Company, Inc. Diffusion coating mixtures. 4,537,927, 8-27-85, Cl. 524-407.000.
- Baldi, Livio; and Maggis, Aldo, to SGS-ATES Componenti Elettronici S.p.A. Metallization process of a wafer back. 4,517,226, 5-14-85, Cl. 427-90.000.
- Baldini, Joseph J., III: *See—*
  - Austin, Stewart S.; Baldini, Joseph J., III; Jakubson, Joel E.; and Ryan, Clarke S., 4,507,783, Cl. 371-49.000.
- Baldry, Kenneth; and Davids, Martin, to Reuters Ltd. Conversational video system having local network control. 4,555,781, 11-26-85, Cl. 370-60.000.
- Baldszun, Karl; Grazianski, Thomas; and Kuhn, Gunther, to Eppendorf Geratebau Netheler & Hinz GmbH. Cell for mixing operations and for optical examination. 4,560,269, 12-24-85, Cl. 356-246.000.
- Baldt Incorporated: *See—*
  - Albertini, Rocco D.; and Grzeczkowski, Thomas V., 4,517,913, Cl. 114-293.000.
- Balducci, Walter O.; and Miller, Theodore H., to Emhart Industries, Inc. Exit device. 4,498,319, 2-12-85, Cl. 70-92.000.
- Baldvins, Jon O.; and Puleo, Joseph, Jr., to Markem Corporation. Radiation imageable compositions containing hollow ceramic microspheres. 4,504,565, 3-12-85, Cl. 430-138.000.
- Baldvins, Jon O.: *See—*
  - Peart, Whitcomb S.; and Baldvins, Jon O., 4,541,340, Cl. 101-470.000.
- Baldwin, Arthur; and Baldwin, Mark. Portable tool box. 4,550,828, 11-5-85, Cl. 206-349.000.
- Baldwin, Bernard A.; and Mark, Harold W., to Phillips Petroleum Company. Metal working lubricant. 4,559,153, 12-17-85, Cl. 252-48.600.
- Baldwin, Bernard A.: *See—*
  - Macdonell, Gary D.; Lindstrom, Merlin R.; Baldwin, Bernard A.; Louthan, Rector P.; and Schuettenberg, Alexander D., 4,537,690, Cl. 252-48.400.
- Baldwin, David L. Maze and flexible wand game apparatus. 4,513,971, 4-30-85, Cl. 273-153.00R.
- Baldwin, Francis P.: *See—*
  - Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,548,995, Cl. 525-354.000.
  - Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,554,326, Cl. 525-354.000.
- Baldwin, Graham J.; and McCann, Michael O., to Smiths Industries Public Limited Company. Chip-carrier substrates. 4,509,096, 4-2-85, Cl. 361-386.000.
- Baldwin Hardware Manufacturing Corporation: *See—*
  - Fayerman, Peter; and Shaffer, Elwood, 4,502,720, Cl. 292-348.000.
- Baldwin, Jeffrey D., to Sundstrand Corporation. Compact resistor assembly for rotary electric machine. 4,492,887, 1-8-85, Cl. 310-68.00R.
- Baldwin, John J.; Jones, James H.; and Lundell, George F., to Merck & Co., Inc. Amino substituted tetrahydrobenzindoles. 4,501,900, 2-26-85, Cl. 548-436.000.
- Baldwin, John J.; and Ponticello, Gerald S., to Merck & Co., Inc. 4-Substituted amino-3-[3-alkylindoloamino-2-hydroxypropoxy] thiadiazoles, compositions and pharmaceutical use. 4,539,317, 9-3-85, Cl. 514-222.000.
- Baldwin, John J.; and Ponticello, Gerald S., to Merck & Co., Inc. Tertiary aminohydroxypropoxy substituted thiadiazoles, pharmaceutical compositions and use. 4,539,318, 9-3-85, Cl. 514-222.000.
- Baldwin, John J., to Merck & Co., Inc. 3-Cycloalkylamino-2-OR-propoxycyanopyridines, derivatives thereof, having anti-hypertensive activity. 4,550,117, 10-29-85, Cl. 514-344.000.
- Baldwin, John J.; and Ponticello, Gerald S., to Merck & Co., Inc. Substituted-aminohydroxypropoxy-thiadiazoles, β-blocking compositions and use. 4,562,184, 12-31-85, Cl. 514-222.000.
- Baldwin, John J.: *See—*
  - Huff, Joel R.; Saari, Walfred S.; and Baldwin, John J., 4,505,918, Cl. 514-341.000.
  - Huff, Joel R.; Saari, Walfred S.; and Baldwin, John J., 4,506,074, Cl. 546-278.000.
- Baldwin, Mark: *See—*
  - Baldwin, Arthur; and Baldwin, Mark, 4,550,828, Cl. 206-349.000.
- Baldwin, Roger A.; Stauter, John C.; Kauffman, Jim W.; and Laughlin, William C., to Kerr-McGee Corporation. Process for the removal and recovery of selenium from aqueous solutions. 4,519,913, 5-28-85, Cl. 210-611.000.
- Baldwin, Roger A.: *See—*
  - Kauffman, Jim W.; Laughlin, William C.; and Baldwin, Roger A., 4,519,912, Cl. 210-611.000.
- Baldwin, Samuel L., to General Electric Company. Orientable refractor mounting. 4,520,435, 5-28-85, Cl. 362-311.000.
- Baldwin, Thomas O.; and Holzman, Thomas F., to Upjohn Company, The. Isolation of bacterial luciferase. 4,548,994, 10-22-85, Cl. 525-329.900.
- Balenger, John W. Weight transducer for inexpensive electronic scale. 4,512,432, 4-23-85, Cl. 177-211.000.
- Bales, Michael E., to Maytag Company, The. Grease collection system for range. 4,517,886, 5-21-85, Cl. 99-425.000.
- Bales, Michael E., to Maytag Company, The. Control panel clock lens arrangement. 4,526,332, 7-2-85, Cl. 248-27.100.
- Bales, Michael E.; and Schmidt, Wallace E., to Maytag Company, The. Oven ventilating system. 4,527,542, 7-9-85, Cl. 126-299.00D.
- Baley, William D., to Lehigh Press, Inc., The. Sheet folding apparatus and method. 4,494,949, 1-22-85, Cl. 493-432.000.
- Balfe, James W. Automatic indexing chuck. 4,505,488, 3-19-85, Cl. 279-5.000.
- Balha, Frances R. Shopping cart. 4,545,591, 10-8-85, Cl. 280-33.99C.
- Balhorn, Alan C. Solar energy apparatus with automatic tracking alignment adjustments. 4,548,195, 10-22-85, Cl. 126-424.000.
- Baliga, Bantval J., to General Electric Company. Normally-off semiconductor device with low on resistance and circuit analogue. 4,506,282, 3-19-85, Cl. 357-43.000.
- Baliga, Bantval J., to General Electric Company. Normally-off, gate-controlled electrical circuit with low on-resistance. 4,523,111, 6-11-85, Cl. 307-574.000.
- Balinov, Stoimen S.: *See—*
  - Minchev, Pavel M.; Hristov, Hristomir D.; Balinov, Stoimen S.; Angelov, Mihail H.; and Yordanov, Nikolay V., 4,523,708, Cl. 228-37.000.
- Balinski, Ryszard; and Sokulski, Marek, to Osrodek Badawczo-Rozwojowy Aparatury Mleczarskiej. Container for activation of microbiophysical properties of substances especially food-stuffs. 4,513,658, 4-30-85, Cl. 99-485.000.

Balint, Sandor: *See—*
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Balique, Georges A. Apparatus for recording, control and early detection of cardiovascular diseases. 4,545,387, 10-8-85, Cl. 128-687.000.

Balius, Donald G. External transfer case chain slack adjustment structure. 4,509,934, 4-9-85, Cl. 474-136.000.

Balk, Albertus C.: *See—*
- Duyker, Christiaan J. H.; and Balk, Albertus C., 4,494,684, Cl. 224-39.000.

Balko, Alexander B.; and Shah, Dhiraj M. Process for restoring patency to body vessels. 4,512,338, 4-23-85, Cl. 128-1.00R.

Balko, Edward N.; and Moulthrop, Lawrence C., to Oronzio de Nora Impianti Elettrochimici S.p.A. Bipolar separator plate for electrochemical cells. 4,533,455, 8-6-85, Cl. 204-279.000.

Balko, Edward N.: *See—*
- Dantowitz, Philip; Balko, Edward N.; and McElroy, James F., 4,543,303, Cl. 429-34.000.

Balkwill, G. Russell; Robinet, Jules P.; and Tamasovics, John F. Electrical conduit with vapor barrier device. 4,496,792, 1-29-85, Cl. 174-65.00R.

Balkwill, John T., to Varian Associates, Inc. Multifiber design for microchannel plates. 4,532,171, 7-30-85, Cl. 428-188.000.

Ball, Bennett D., to Atlantic Richfield Company. Turbine anti-icing system. 4,561,245, 12-31-85, Cl. 60-39.020.

Ball Corporation: *See—*
- Ananias, James W., 4,547,211, Cl. 65-29.000.
- Brighton, Andrew P., 4,535,239, Cl. 250-339.000.
- Cerny, Daryl D., 4,526,290, Cl. 220-415.000.
- Daudt, Stephen W.; Gleason, George W.; Hermanson, William C.; and Olsen, Arthur A., 4,553,217, Cl. 364-560.000.
- Escallon, Eduardo C., 4,526,804, Cl. 427-32.000.
- Falk, R. Aaron, 4,513,201, Cl. 250-342.000.
- Fights, Michael L.; and Jones, William E., 4,555,416, Cl. 427-248.100.
- Frawley, Norman E., 4,508,404, Cl. 339-45.00M.
- Greeson, Richard L.; and Geikas, George I., 4,511,614, Cl. 428-141.000.
- Jones, William E., 4,553,998, Cl. 65-69.000.
- Lester, James M.; Reinker, Richard P.; and Regenbrecht, Douglas E., 4,507,941, Cl. 62-514.00R.
- Munson, Robert E.; and Haddad, Hussain A., 4,511,868, Cl. 333-257.000.
- Munson, Robert E.; and Haddad, Hussain A., 4,516,097, Cl. 333-261.000.
- Olsen, Arthur A., 4,511,250, Cl. 356-225.000.
- Sanford, Gary G.; and Paschen, Dean A., 4,547,779, Cl. 343-700.0MS.
- Sears, James T., 4,549,695, Cl. 239-265.350.
- Shideler, Anthony; and Raddatz, Dwight B., 4,549,306, Cl. 378-58.000.
- Smith, Eugene F.; and Nguyen, Tuan A., 4,559,801, Cl. 72-348.000.
- Wood, Charles L., 4,529,429, Cl. 65-29.000.
- Woolley, Richard P., 4,532,803, Cl. 73-471.000.

Ball, Cyril T.; Tourle, Peter; and Wright, Robert L., to English Electric Valve Company Limited. Travelling wave tube arrangements. 4,558,257, 12-10-85, Cl. 315-5.380.

Ball, David C., to W. W. Sly Manufacturing Co., The. Bulk conveyor apparatus. 4,492,294, 1-8-85, Cl. 193-25.00C.

Ball, David C., to W. W. Sly Manufacturing Co., The. Bulk conveyor apparatus. 4,557,364, 12-10-85, Cl. 193-25.00C.

Ball, David J., to International Telephone and Telegraph Corporation. Self-locking connector. 4,508,407, 4-2-85, Cl. 339-89.00R.

Ball, Donald L.: *See—*
- Boateng, Daniel A. D.; Ball, Donald L.; and Swinkels, Godefridus M., 4,525,332, Cl. 423-89.000.

Ball, Graham J., to BOC Group plc, The. Gas mixing apparatus. 4,546,794, 10-15-85, Cl. 137-599.000.

Ball, Herbert. Internal combustion engine. 4,517,937, 5-21-85, Cl. 123-190.00D.

Ball, James H., to Minnesota Mining and Manufacturing Company. Buried cable splice closure. 4,554,401, 11-19-85, Cl. 174-37.000.

Ball, John: *See—*
- Nelson, Steve; Reynolds, Frank; Roos, George E.; and Ball, John, 4,505,179, Cl. 89-1.00G.

Ball, John M.: *See—*
- McMahan, William J.; and Ball, John M., 4,524,606, Cl. 73-40.000.

Ball, Kevin D.; and Davies, Peter, to Coated Electrodes Limited. Apparatus for sealing electrodes in electric arc furnaces. 4,517,678, 5-14-85, Cl. 373-95.000.

Ball, Lawrence E.: *See—*
- Wu, Mu-Yen M.; and Ball, Lawrence E., 4,525,578, Cl. 528-354.000.
- Wu, Mu-Yen M.; and Ball, Lawrence E., 4,540,498, Cl. 252-8.55D.

Ball, Randell D. Well site document container. 4,516,719, 5-14-85, Cl. 232-1.00D.

Ball, Randell D. Electric heating apparatus for providing freeze protection for fluid-control devices at well sites. 4,558,206, 12-10-85, Cl. 219-301.000.

Ball, William J.; Cotton, Leonard; and Stewart, David G., to British Petroleum Company Limited, The. Process for the production of oxygenated hydrocarbons by the catalytic conversion of synthesis gas. 4,492,772, 1-8-85, Cl. 518-713.000.

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Ball, Wolfgang: *See—*
- Warzelhan, Volker; and Ball, Wolfgang, 4,525,550, Cl. 526-116.000.

Ballain, Marlyn D.: *See—*
- Bowman, Kenneth A.; Christini, Roy A.; and Ballain, Marlyn D., 4,498,927, Cl. 75-67.00R.

Balland, Jean, to Societe Anonyme dite: Manufacture de Produits Chimiques Protex. Process for fixing direct and reactive dyestuffs on cellulosic fibers with addition of magnesium salt and zirconium salt to fixing agent. 4,547,196, 10-15-85, Cl. 8-496.000.

Ballantine, James A.; Purnell, John H.; and Thomas, John M., to British Petroleum Company p.l.c., The. Proton-catalysed reactions in which water is not a stoichiometric reactant catalysed by metal cation-exchanged layered clays. 4,499,319, 2-12-85, Cl. 585-467.000.

Ballantyne, Ernest R.: *See—*
- Shea, Gregory T.; and Ballantyne, Ernest R., 4,538,653, Cl. 141-285.000.

Ballarati, Vito; and Tajana, Franco, to Val Lesina S.p.A. Fabrics with a crepe effect constituted by continuous texturized synthetic yarns of high yarn/count/no. of filaments ratio. 4,537,227, 8-27-85, Cl. 139-420.00R.

Ballard, Delbert L., to Utah Computer Industries, Inc. Process for depositing a thin-film layer of magnetic material onto an insulative dielectric layer of a semiconductor substrate. 4,529,621, 7-16-85, Cl. 427-95.000.

Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., to Imperial Chemical Industries PLC. Poly(1,2-disubstituted cyclohexa-3,5-dienes. 4,524,198, 6-18-85, Cl. 526-292.100.

Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., to Imperial Chemical Industries Limited. Preparation of aromatic polymers from cyclohexa-3,5-diene polymers. 4,536,555, 8-20-85, Cl. 526-295.000.

Ballard, Denis G. H.; Moran, Kenneth T.; and Shirley, Ian M., to Imperial Chemical Industries PLC. Conducting polymers. 4,548,737, 10-22-85, Cl. 252-500.000.

Ballard, James W.; and Ballard, Larry R., to Bonnici, Charles. Ventilator having insert for controlling moisture and method of making same. 4,512,243, 4-23-85, Cl. 98-42.010.

Ballard, James W., to Jimco Products. Roof ventilator having fluid flow control and method of making same. 4,538,508, 9-3-85, Cl. 98-42.170.

Ballard, John R., to Rolls-Royce Limited. Air intakes of aircraft mounted gas turbine engines. 4,502,875, 3-5-85, Cl. 55-306.000.

Ballard, Larry R.: *See—*
- Ballard, James W.; and Ballard, Larry R., 4,512,243, Cl. 98-42.010.

Ballard, Louis F., to MTD Products Inc. Selecting mechanism. 4,524,632, 6-25-85, Cl. 74-471.00R.

Ballard, Lowell D.: *See—*
- Edelman, Seymour; and Ballard, Lowell D., 4,501,319, Cl. 165-84.000.

Ballard, Nathan T.: *See—*
- Lin, Yeong S.; Ballard, Nathan T.; Lee, John T.; and Teng, Edward F., 4,552,820, Cl. 428-611.000.

Ballard, Paul T.; and Little, Gordon R., to Systems Research Laboratories, Inc. Coherent light detecting system including passive averaging network. 4,515,478, 5-7-85, Cl. 356-345.000.

Ballard, Philip D.; Goin, Cheryl A.; Josephson, Paul J.; Keller, Andrew D.; Lykins, Larry W.; and Miller, Jeffrey J., to International Business Machines Corporation. Toner cartridge and method of replenishing toner to a xerographic device. 4,502,514, 3-5-85, Cl. 141-1.000.

Ballard, Philip M.: *See—*
- Bates, Robert N.; and Ballard, Philip M., 4,553,266, Cl. 455-327.000.

Ballard, Stephen C.: *See—*
- Payet, George L.; and Ballard, Stephen C., 4,534,819, Cl. 156-515.000.

Ballarini, John A.; and Hetland, Timothy A. Process for the direct electrodeposition of gray chromium on aluminum base substrates such as aluminum base lithographic sheets. 4,545,867, 10-8-85, Cl. 204-33.000.

Ballas, John S.: *See—*
- Kuehnle, Manfred R.; Rose, Robert M.; and Ballas, John S., 4,526,357, Cl. 271-18.200.

Ballas, John S., Jr.: *See—*
- Epstein, Paul; Ballas, John S., Jr.; Mandler, John J., Jr.; and Van Horn, Joseph M., 4,519,396, Cl. 128-698.000.

Ballast-Nedam Groep N.V.: *See—*
- Tjebbes, Johannes C.; and Wolters, Tjako A., 4,505,214, Cl. 114-29.000.

Ballato, Arthur, to United States of America, Army. Normal coordinate monolithic crystal filter. 4,542,355, 9-17-85, Cl. 333-191.000.

Ballato, Arthur, to United States of America, Army. Frequency synthesizer using a matrix of selectable piezoelectric resonators. 4,547,748, 10-15-85, Cl. 331-49.000.

Ballato, Arthur: *See—*
- Vig, John R.; and Ballato, Arthur, 4,554,717, Cl. 29-25.350.

Ballatore, Daniel; Bonnet, Yves A.; Ferry, Michel F.; and Jacquart, Christian A., to International Business Machines Corporation. Interface circuit with impedance adaptation means. 4,538,032, 8-27-85, Cl. 179-170.00D.

Balle, Gerhard; Rasshofer, Werner; and Schoberth, Winfried, to Bayer Aktiengesellschaft. Process for the production of polymer-containing aromatic polyether polyamines. 4,506,039, 3-19-85, Cl. 521-137.000.

Balle, Gerhard: *See—*

Rasshofer, Werner; Balle, Gerhard; Dieterich, Dieter; and Meyborg, Holger, 4,532,266, Cl. 521-159.000.

Slawyk, Wilhelm; Balle, Gerhard; Munzer, Manfred; and Wohnhas, Adolf, deceased, 4,507,444, Cl. 525-455.000.

Ballegeer, Jean C.; and Nguyen, Duyet H., to Thomson-CSF. Method and device for transmission of digital data. 4,495,573, 1-22-85, Cl. 364-200.000.

Ballegeer, Jean C.; and Nguyen, Duyet H., to Thomson-CSF. Resource granting process and device in a system comprising autonomous data processing units. 4,541,043, 9-10-85, Cl. 364-200.000.

Ballendux, Gerardus M., to Allis-Chalmers Corporation. Transmission shift mechanism. 4,503,727, 3-12-85, Cl. 74-477.000.

Ballenegger, Marc E.: *See—*

Albert, Alban I.; Ballenegger, Marc E.; Overeem, Jan C.; and Tyson, Robert G., 4,510,159, Cl. 514-456.000.

Ballereau, Jean: *See—*

de la Pintiere, Louis; and Ballereau, Jean, 4,505,323, Cl. 165-11.00A.

Ballerin, Edmond: *See—*

Ballerin, Jean-Paul; Georgelin, Alexandre; and Ballerin, Edmond, 4,559,918, Cl. 124-78.000.

Ballerin, Jean-Paul; Georgelin, Alexandre; and Ballerin, Edmond, to Faiveley Entreprises. Ball-throwing device with ball throwing heads and ball conveying system including Y-junction. 4,559,918, 12-24-85, Cl. 124-78.000.

Ballerini, Daniel: *See—*

Vandecasteele, Jean-Paul; Ballerini, Daniel; Lemal, Jeanine; and Le Penru, Yann, 4,542,098, Cl. 435-190.000.

Ballestra, Mario, to Ballestra S.p.A. Mono-stage device to generate gaseous SO_3 from melted sulphur. 4,548,789, 10-22-85, Cl. 422-160.000.

Ballestra S.p.A.: *See—*

Ballestra, Mario, 4,548,789, Cl. 422-160.000.

Ballew, Vernon R.: *See—*

Beastall, William H.; Ballew, Vernon R.; Collier, Richard D.; and Bagby, John T., 4,523,417, Cl. 52-273.000.

Ballheimer, Benny, to Caterpillar Tractor Co. Coupling of driving member to driven member. 4,499,786, 2-19-85, Cl. 74-606.00R.

Ballheimer, Benny: *See—*

Amdall, John K.; and Ballheimer, Benny, 4,531,746, Cl. 277-53.000.

Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, to Ciba-Geigy Corporation. Chromogenic dihydroquinazolines. 4,503,227, 3-5-85, Cl. 544-246.000.

Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, to Ciba-Geigy Corporation. Chromenoazaindolizine compounds. 4,506,073, 3-19-85, Cl. 546-64.000.

Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, to Ciba-Geigy Corporation. Chromogenic dihydroquinazolines. 4,562,449, 12-31-85, Cl. 346-218.000.

Balliello, Paolo, to Ciba-Geigy Corporation. Cold water dispersible dyestuff granulates. 4,507,126, 3-26-85, Cl. 8-526.000.

Balliello, Paolo, to Ciba-Geigy Corporation. Solid formulations of metal complex dyes. 4,525,170, 6-25-85, Cl. 8-524.000.

Balliet, Layton; Wantshouse, Richard A.; and Wylie, Thomas J., to International Business Machines Corporation. Fiber optic loop system with bypass mode. 4,545,074, 10-1-85, Cl. 455-601.000.

Ballik, Rainer; and Hutten, Heinrich, to Pierburg GmbH & Co., KG. Fuel-injection systems and associated methods. 4,511,082, 4-16-85, Cl. 239-8.000.

Ballinger, Dale O., to Biosound, Inc. Phased array for an ultrasonic transducer. 4,532,615, 7-30-85, Cl. 367-87.000.

Ballintubber Enterprises Limited: *See—*

Finan, Michael; Finan, Peter; and Divilly, Michael, 4,495,716, Cl. 37-3.000.

Finan, Michael, 4,541,834, Cl. 44-30.000.

Ballman, Richard L.: *See—*

Menezes, Edgar V.; Southern, John H.; Ballman, Richard L.; and Chamberlin, J. M., 4,522,773, Cl. 264-167.000.

Ballmann, Fred A.; and Cooper, James M., to Parmelee Industries, Inc. Face mask and dispenser assembly. 4,550,856, 11-5-85, Cl. 221-63.000.

Ballmer, Horst, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Method and means for stepwise charge control of electrochromic layers. 4,512,637, 4-23-85, Cl. 350-357.000.

Ballmer, Horst, to Carl-Zeiss-Stiftung. Continuous charge control for electrochromic layers. 4,529,275, 7-16-85, Cl. 350-357.000.

Ballmer, Horst; and Wiedmann, Erwin, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Optical control circuit for electrochromic layers. 4,529,873, 7-16-85, Cl. 250-201.000.

Ballmer, Horst, to Carl-Zeiss-Stiftung. Method and apparatus for temporarily increasing the absorptance of optical transmitting components. 4,531,814, 7-30-85, Cl. 350-355.000.

Ballo, James A., to Balcon Industries. Apparatus for crushing articles. 4,516,489, 5-14-85, Cl. 100-98.00R.

Ballocca, Guido; and Azzola, Roberto, to S.A.I.A.G. S.p.A. Extruded weather strip for motor vehicle bodies and an extrusion head for forming the weather strip. 4,531,326, 7-30-85, Cl. 49-497.000.

Ballon, Jean; Comparat, Vincent; and Pouxe, Joseph, to Centre National de la Recherche Scientifique. Curved gas-filled detector with avalanche of electrons, and strip. 4,553,062, 11-12-85, Cl. 313-93.000.

Balloon Works, Inc., The: *See—*

Conn, Sidney H., 4,529,153, Cl. 244-126.000.

Ballreich, Kurt; Jensen, Ernst; and Knappworst, Jurgen, to Dynamit Nobel Aktiengesellschaft. Training cartridge with plastic projectile or dummy projectile. 4,546,704, 10-15-85, Cl. 102-444.000.

Ballu, Patrick J. M., to Tecnoma. Agricultural sprayer. 4,512,516, 4-23-85, Cl. 239-168.000.

Ballu, Patrick J. M., to Tecnoma. Hand-operated hose for atomizing a liquid for the treatment of plants. 4,518,122, 5-21-85, Cl. 239-530.000.

Ballu, Patrick J. M., to Tecnoma. Mobile apparatus for spraying a liquid for the treatment of plants. 4,529,129, 7-16-85, Cl. 239-164.000.

Ballu, Patrick J. M., to Tecnoma. Mobile apparatus for spraying a liquid for the treatment of plants. 4,561,591, 12-31-85, Cl. 239-159.000.

Ballwin-Washington, Inc.: *See—*

Hunt, Donald E., 4,492,210, Cl. 123-568.000.

Bally, Diego, to Markus Grass. Adapter for arranging an instant picture cassette at a 35 mm camera and method for manufacturing the same. 4,531,818, 7-30-85, Cl. 354-83.000.

Bally, Fred R.; and Waldman, Donald J., to Caterpillar Tractor Co. Bypass restrictor for distribution valve. 4,557,237, 12-10-85, Cl. 123-450.000.

Bally Manufacturing Corporation: *See—*

Clark, Norman R., 4,548,408, Cl. 273-121.00A.

Ghosh, Atish; and Pasierb, John, 4,498,079, Cl. 340-725.000.

Hooker, Donald E., 4,542,905, Cl. 273-121.00A.

Nicolaus, Frank G., 4,505,167, Cl. 74-577.00R.

Bally Midway Mfg. Co.: *See—*

Byczek, Roger W.; and Wurz, Norman R., 4,561,714, Cl. 339-97.00P.

White, Johnnie W., 4,534,609, Cl. 339-117.00R.

Balmer, Oskar: *See—*

Focke, Heinz; and Balmer, Oskar, 4,505,385, Cl. 206-260.000.

Focke, Heinz; and Balmer, Oskar, 4,531,597, Cl. 177-84.000.

Balnave, Peter, to Kahle Engineering Company. Method and means for spooling tubing. 4,498,945, 2-12-85, Cl. 156-256.000.

Balogh, Albert: *See—*

Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.

Balogh, Alojz: *See—*

Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.

Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , to Eszakmagyarorszagi Vegyimuvek. Herbicide composition containing carboxylic-acid-amidothiolcarbamate derivatives. 4,559,083, 12-17-85, Cl. 71-100.000.

Balogh, Karoly: *See—*

Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.

Bals, Edward J. Rotary atomizing sprayer. 4,502,634, 3-5-85, Cl. 239-223.000.

Balsavage, Walter. Magazine and feed mechanism for firearms. 4,524,672, 6-25-85, Cl. 89-33.100.

Balschi, James A.: *See—*

Springer, Charles S., Jr.; Pike, Martin M.; Balschi, James A.; Yarmush, David M.; and Chu, Simon C. K., 4,532,217, Cl. 436-79.000.

Balser, Klaus, to Bayer Aktiengesellschaft. Process for the production of hydroxyalkyl methyl celluloses. 4,508,895, 4-2-85, Cl. 536-91.000.

Balser, Martin; and Ambler, Frank E., to Xontech, Inc. Phased array acoustic antenna. 4,558,594, 12-17-85, Cl. 73-189.000.

Balsys, Manfred; Kling, Dieter; Maier, Hans; Miller, Franz; and Schmid, Walter, to Albert Handtmann Armaturenfabrik GmbH & Co., KG. Double poppet valve. 4,522,223, 6-11-85, Cl. 137-240.000.

Baltare, Gunnar, to Eaton Corporation. Drum brake spider assembly with removable anchor pin. 4,526,254, 7-2-85, Cl. 188-341.000.

Baltare, Gunnar, to Eaton Corporation. Drum brake spider assembly with cantilever anchor pin. 4,552,254, 11-12-85, Cl. 188-328.000.

Baltek Corp.: *See—*

Kohn, Henri-Armand, 4,536,427, Cl. 428-44.000.

Balter, Floyd A.: *See—*

Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, 4,503,393, Cl. 324-235.000.

Baltes, Eugene ; de Lannoy, Jean; and Rodriguez, Ludovic, to UCB Pharmaceuticals, Inc. 2-[4-(Diphenylmethyl)-1-piperazinyl]-acetic acids and their amides. 4,525,358, 6-25-85, Cl. 514-255.000.

Baltes, Heinrich P.; Glass, Andrew S.; and Jauch, Karl, to LGZ Landis & Gyr Zug AG. Security blank with enhanced authenticating features, and a method and an apparatus for determining the genuineness of the security blank. 4,537,504, 8-27-85, Cl. 356-71.000.

Baltes, Herbert; Litterer, Heinz; Leupold, Ernst I.; and Wunder, Friedrich, to Hoechst Aktiengesellschaft. Process for the production of a crystalline aluminosilicate zeolite. 4,522,800, 6-11-85, Cl. 423-329.000.

Balthazor, Terry M.: *See—*

Chupp, John P.; and Balthazor, Terry M., 4,540,522, Cl. 260-465.00E.

Ku, Audrey Y.; Chupp, John P.; and Balthazor, Terry M., 4,496,765, Cl. 564-440.000.

Baltimore Aircoil Company, Inc.: *See—*

Carter, Thomas P.; Schinner, Edward N.; Harrison, Richard H., Jr.; and Cates, Robert E., 4,518,544, Cl. 261-112.000.

Cates, Robert E.; Harrison, Richard H., Jr.; and Carter, Thomas P., 4,530,804, Cl. 261-30.000.

Geary, David F.; Honchar, Dennis R.; and Miller, Robert P., 4,540,637, Cl. 428-626.000.

Baltimore Spice Company, The: *See—*

Hershfeld, Robert R., 4,532,858, Cl. 99-534.000.

- Baltruschat, Helmut: *See—*
  - Schnurbusch, Horst; and Baltruschat, Helmut, 4,544,402, Cl. 71-93.000.
- Baltsch, Erwin; Gobbels, Heinz-Dieter; Grecksch, Hans; Lassmann, Manfred; Raasch, Hans; and Schlosser, Helmut, to W. Schlafhorst & Co. Method and apparatus for controlling the thread joining process in an open end rotor spinning machine. 4,538,408, 9-3-85, Cl. 57-263.000.
- Baltynova, Nazymkul: *See—*
  - Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.
- Baltz, Gene F.; Clark, Amos M.; Hartke, David J.; and Jourdan, Donovan K., to Outboard Marine Corporation. Fuel priming system with integral auxilliary enrichment feature. 4,498,434, 2-12-85, Cl. 123-187.50R.
- Baltz, Gene F.; and Kingsley, Warren G., to Outboard Marine Corporation. Deceleration enrichment fuel system for an internal combustion engine. 4,542,726, 9-24-85, Cl. 123-320.000.
- Baltz, Gene F.; and Jourdan, Donovan K., to Outboard Marine Corporation. Manual starter with ignition spark retard. 4,552,103, 11-12-85, Cl. 123-186.000.
- Baltz, Richard H.; Wild, Gene M.; and Seno, Eugene T., to Eli Lilly and Company. Process for the production of mycaminosyltylonolide. 4,537,957, 8-27-85, Cl. 336-7.100.
- Baltz, Richard H.: *See—*
  - Turner, Jan R.; Krupinski, Veronica M.; Fukuda, David S.; and Baltz, Richard H., 4,559,301, Cl. 435-76.000.
- Baltz, Robert J.: *See—*
  - Boggs, John A.; and Baltz, Robert J., 4,534,488, Cl. 220-323.000.
- Baltzer, Karen L.; and Peterson, Jan B., to Kavouras, Inc. System for preparing aircraft driftdown plans. 4,538,229, 8-27-85, Cl. 364-428.000.
- Balukin, Richard F.; and Reiss, John R., to American Standard Inc. Brake pipe charging cut-off arrangement. 4,552,412, 11-12-85, Cl. 303-67.000.
- Balyasny, Marik; and Lovell, William F., to Automation Industries, Inc. Apparatus for cleaving an optical fiber. 4,530,452, 7-23-85, Cl. 225-96.000.
- Balz, Gunther W., to Roto-Finish Company, Inc. Dual motion vibratory finishing machine and method. 4,499,692, 2-19-85, Cl. 51-313.000.
- Balz, Werner: *See—*
  - Fitterer, Horst; Roos, Roland; Muenzner, Wulf; Balz, Werner; and Berger, Heinz, 4,557,433, Cl. 242-187.000.
  - Heil, Guenter; Spoor, Herbert; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; Balz, Werner; and Lehner, August, 4,559,118, Cl. 204-159.140.
  - Heil, Guenter; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; and Balz, Werner, 4,560,456, Cl. 204-159.140.
  - Kohl, Albert; Schneider, Norbert; Ley, Gregor; Balz, Werner; Melzer, Milena; and Jakusch, Helmut, 4,507,457, Cl. 427-48.000.
  - Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.
  - Roller, Hermann; Lehner, August; Hack, Joachim; Grau, Werner; Balz, Werner; and Baur, Reinhold, 4,534,999, Cl. 427-130.000.
- Balzano, Quirino: *See—*
  - Garay, Oscar M.; and Balzano, Quirino, 4,494,122, Cl. 343-722.000.
  - Garay, Oscar M.; Siwiak, Kazimierz; and Balzano, Quirino, 4,504,834, Cl. 343-749.000.
- Balzar, Juliane: *See—*
  - Engelhardt, Friedrich; Piesch, Steffen; Balzar, Juliane; and Dawson, Jeffery C., 4,499,232, Cl. 524-548.000.
- Balzeit, Ralf: *See—*
  - Dinse, Wolfgang; Balzeit, Ralf; and Gesell, Reinhard, 4,492,984, Cl. 358-289.000.
- Balzer, David J.; Dennison, Thomas M.; Getz, Marvin G.; and Oestmann, Eldon D., to Caterpillar Tractor Co. Integral idler track adjusting and recoil apparatus. 4,514,014, 4-30-85, Cl. 305-10.000.
- Balzer, Dieter; and Hager, Walter, to Pfaff Industriemaschinen GmbH. Sewing machine having auxiliary work turning needle. 4,542,707, 9-24-85, Cl. 112-310.000.
- Balzer, Dieter, to Chemische Werke Huels AG. Process for extracting extensively emulsion-free oil from a subterranean reservoir. 4,542,790, 9-24-85, Cl. 166-274.000.
- Balzer and Droll KG: *See—*
  - Fichtner, Karl-Heinz, 4,502,589, Cl. 198-484.000.
- Balzer, Juliane: *See—*
  - Engelhardt, Friedrich; Piesch, Steffen; Balzer, Juliane; and Dawson, Jeffery C., 4,507,440, Cl. 525-218.000.
- Balzer, Norbert R., to Park-Ohio Industries, Inc. Method of shearing metal billets. 4,537,102, 8-27-85, Cl. 83-16.000.
- Balzers Aktiengesellschaft: *See—*
  - Eisele, Ignaz; Bullemer, Bernhard; and Beck, Andreas, 4,543,467, Cl. 219-271.000.
  - Moll, Eberhard, 4,555,611, Cl. 219-121.000.
  - Thoni, Werner; Huber, Peter; and Hohenegger, Karl, 4,498,728, Cl. 350-1.700.
- BAMA, SpA: *See—*
  - Verdi, Guido, 4,525,236, Cl. 156-517.000.
- Bamberg, Joe T.; and Kohn, Gustave K., to Zoecon Corporation. 3-Amino-4-(2-pyridyloxy)phenoxyalkanoic and alkenoic acid esters. 4,508,906, 4-2-85, Cl. 546-300.000.
- Bamberg, Joe T.: *See—*
  - Kohn, Gustave K.; and Bamberg, Joe T., 4,499,271, Cl. 546-22.000.
  - Kohn, Gustave K.; and Bamberg, Joe T., 4,520,199, Cl. 546-302.000.
- Bamberger, Carlos E.: *See—*
  - Brynestad, Jorulf; and Bamberger, Carlos E., 4,503,021, Cl. 423-297.000.
- Bammert, Hubert: *See—*
  - Schurle, Hermann; Grimm, Wolfgang; and Bammert, Hubert, 4,505,683, Cl. 434-365.000.
- Ban, Itsuki; and Nakajima, Akihiro. Apparatus for removing torque ripples in a direct current motor. 4,546,294, 10-8-85, Cl. 318-311.000.
- Ban, Keisuke; and Daimaru, Akimasa, to Honda Giken Kogyo Kabushiki Kaisha. Method of constructing a fiber-reinforced piston for internal combustion engines. 4,498,219, 2-12-85, Cl. 29-156.50R.
- Ban, Keisuke; Arai, Takeo; Sakakibara, Tatsuo; and Miyake, Noriaki, to Honda Giken Kogyo Kabushiki Kaisha. Method for production of fiber-reinforced composite material. 4,506,721, 3-26-85, Cl. 164-97.000.
- Ban, Keisuke; and Daimaru, Akimasa, to Honda Giken Kogyo Kabushiki Kaisha. Method for making a reinforced article for an internal combustion engine. 4,534,400, 8-13-85, Cl. 164-97.000.
- Ban, Masaki, to Honda Giken Kogyo Kabushiki Kaisha. Variable capacity flywheel. 4,520,688, 6-4-85, Cl. 74-572.000.
- Ban, Thomas E. Golf practice device. 4,526,374, 7-2-85, Cl. 273-194.00R.
- Ban, Thomas E. Storage container for paint applicators. 4,533,044, 8-6-85, Cl. 206-362.000.
- Ban, Thomas E.: *See—*
  - Gardner, Samuel A.; and Ban, Thomas E., 4,503,018, Cl. 423-168.000.
- Ban, Toshika: *See—*
  - Takao, Mitsunori; and Ban, Toshika, 4,510,569, Cl. 364-431.120.
- Ban, Yasutaka; and Osada, Toshihiko, to Fujitsu Limited. Electron beam exposing method. 4,500,789, 2-19-85, Cl. 250-492.200.
- Ban, Yuzaburoh: *See—*
  - Ogura, Mototsugu; Ban, Yuzaburoh; and Hase, Nobuyasu, 4,533,410, Cl. 148-175.000.
- Banach, Frank G.: *See—*
  - Baker, Roy F.; and Banach, Frank G., 4,547,805, Cl. 358-195.100.
- Banas, Kenneth P.: *See—*
  - Fox, James W.; Moery, Ronald J.; and Banas, Kenneth P., 4,532,394, Cl. 200-275.000.
- Banas, Robert M.; and Kenyon, John W. Hybrid seal with both static and dynamic seal rings. 4,557,487, 12-10-85, Cl. 277-12.000.
- Banasiak, Dennis S.; and Byers, Jim D., to Phillips Petroleum Company. Process for preparing olefinic aldehydes. 4,540,826, 9-10-85, Cl. 568-420.000.
- Banasiak, Dennis S., to Phillips Petroleum Company. Disproportionation of functional olefins. 4,560,792, 12-24-85, Cl. 560-261.000.
- Banasiak, Dennis S.: *See—*
  - Johnson, Timothy W.; and Banasiak, Dennis S., 4,535,116, Cl. 524-385.000.
- Banba, Fumiyasu; and Ogata, Mikito, to Hitachi, Ltd. Memory system. 4,558,446, 12-10-85, Cl. 371-10.000.
- Banba, Kiyotaka: *See—*
  - Matsunaga, Fujihisa; Nishimura, Tadahiko; Miyake, Etsuo; and Banba, Kiyotaka, 4,517,387, Cl. 568-728.000.
- Banba, Toshio: *See—*
  - Amemori, Koichi; Takahashi, Yosuke; Miyazaki, Manabu; Tsukahara, Hiroaki; Kawabe, Toshihiko; and Banba, Toshio, 4,557,235, Cl. 123-367.000.
- Banbury, John R., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Color head up display system. 4,560,233, 12-24-85, Cl. 350-3.700.
- Bancelin, Bernard: *See—*
  - Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, 4,547,834, Cl. 361-386.000.
- Bancroft, Charles F.; Brown, Thomas B.; Bullock, Peter W.; and Sutter, Leroy V., Jr., to Hughes Aircraft Company. Method and apparatus for forming a ball at the end of a wire. 4,523,071, 6-11-85, Cl. 219-56.220.
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  - Johnson, Gerald L.; Nolting, Eugene C.; and Allen, John H., 4,492,161, Cl. 101-109.000.
  - LeBrun, Thomas Q.; Torkelson, John; Dempster, Roy E.; and Van Tyne, Richard G., 4,510,619, Cl. 382-57.000.
  - Torkelson, John; and Sanders, Weldon A., Jr., 4,536,801, Cl. 358-280.000.
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- Band, Elliot I.; and Breen, Michael J., to Stauffer Chemical Company. Olefin polymerization catalyst and process. 4,552,859, 11-12-85, Cl. 502-127.000.
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  - Eguchi, Mitsuo; Tagawa, Kiyoharu; Ogawa, Hitoshi; Bandai, Mikio; and Nagashima, Nobuharu, 4,523,829, Cl. 354-406.000.

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- Orban, Erno ; Borvendeg, Janos; Nagy, Laszlo; Sotinee Tolvay, Marta; and Bander, Erzsebet, 4,539,199, Cl. 424-22.000.

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- Matsuoka, Hiroshi; and Furukawa, Yutaka, 4,522,614, Cl. 474-260.000.
- Wada, Noriaki, 4,500,666, Cl. 524-232.000.
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- Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.

Bando, Seiji: *See—*
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Bandoh, Kazuo; and Osada, Michio. Apparatus for cleaning plastics forming mold faces. 4,543,684, 10-1-85, Cl. 15-309.000.

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Bandtel, Eberhard: *See—*
- Immel, Otto; Schwarz, Hans-Helmut; Quast, Hein; and Bandtel, Eberhard, 4,514,578, Cl. 568-853.000.

Bandukwalla, Phiroze: *See—*
- Mount, Gordon L.; Bandukwalla, Phiroze; and Mulugeta, Jarso, 4,503,684, Cl. 62-115.000.

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- Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,570, Cl. 544-286.000.
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Banerjee, Sanjoy: *See—*
- Aggour, Mohamed A.; and Banerjee, Sanjoy, 4,499,380, Cl. 250-390.000.

Baney, Ronald H., to Dow Corning Corporation. Method for preparing silicon carbide. 4,534,948, 8-13-85, Cl. 423-345.000.

Banfi, Ambrogio, to Alfa Romeo Auto S.p.A. Device for automatically varying the timing of a camshaft. 4,535,731, 8-20-85, Cl. 123-90.150.

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Bang, Hyo J. Oil filter wrench. 4,552,040, 11-12-85, Cl. 81-65.000.

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- Mathiasen, Herluf S., 4,551,584, Cl. 179-156.00R.

Bangay, Alan J.; Cole, Adrian; and Vernon, John S., to BICC Public Limited Company. Friction-actuated extrusion. 4,557,894, 12-10-85, Cl. 419-67.000.

Bangerter, Richard M.: *See—*
- Kennard, Lon H.; Hall, Duane O.; and Bangerter, Richard M., 4,492,820, Cl. 179-5.00P.

Bangerter, Roger O.; and Meeker, Donald J., to United States of America, Energy. Ion beam inertial confinement target. 4,525,323, 6-25-85, Cl. 376-106.000.

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- Charron, Dwayne, 4,549,465, Cl. 89-196.000.

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- Nyffeler, Heinz; and Banholzer, Guido, 4,530,521, Cl. 285-21.000.

Banholzer, Rolf, to Boehringer Ingelheim KG. N-(β-Fluoroethyl)-nortropine. 4,549,021, 10-22-85, Cl. 546-127.000.

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- Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel, Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.

Baniel, Avraham M., to Yissum Research Development Company of the Hebrew University of Jerusalem. Method for producing permeable polymeric membranes. 4,517,142, 5-14-85, Cl. 264-22.000.

Banister, Arthur J.; Hauptman, Zdenek V.; and Kendrick, Aidan G., to National Research Development Corporation. Synthesis of poly(sulphur nitride). 4,555,316, 11-26-85, Cl. 204-59.00R.

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Banitt, Elden H., to Riker Laboratories, Inc. Cyclopentanone derivatives. 4,497,954, 2-5-85, Cl. 546-221.000.

Banitt, Elden H.: *See—*
- McQuinn, Roy L.; Bronn, William R.; and Banitt, Elden H., 4,496,734, Cl. 546-221.000.

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- Gerhard, Robert E., 4,506,428, Cl. 29-446.000.

Bank, Herbert M.; and Rubenstein, Irving H., to Maryland Cup Corporation. Apparatus for coating and flavoring ice cream cones. 4,505,220, 3-19-85, Cl. 118-16.000.

Bankar, Vilas G.; Stuchlik, Terry L.; and Werny, Frank, to Du Pont de Nemours, E. I., and Company. Trilobal filaments exhibiting high bulk and sparkle. 4,492,731, 1-8-85, Cl. 428-362.000.

Banker, Dennis C.; Montegari, Frank A.; and Norsworthy, John P., to International Business Machines Corporation. Push-pull Darlington current sink (PPDCS) logic circuit. 4,531,067, 7-23-85, Cl. 307-454.000.

Banker, John G., to United States of America, Energy. Method for fabricating uranium alloy articles without shape memory effects. 4,493,737, 1-15-85, Cl. 148-11.50R.

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Bankert, Richard B.: *See—*
- Jou, Yi-Her; and Bankert, Richard B., 4,529,712, Cl. 436-519.000.

Bankier, Jack D.; and Gross, Dennis A., to Barristo, Ltd. Method of manufacturing abrasive articles. 4,497,694, 2-5-85, Cl. 204-16.000.

Banko, Anton, to Surgical Design Corporation. Surge prevention system for an ophthalmic instrument. 4,496,342, 1-29-85, Cl. 604-27.000.

Banko, Victor F.: *See—*
- Talish, Roger J.; and Banko, Victor F., 4,550,714, Cl. 128-1.500.

Banko, William, to Shamos, Morris; and Allen, Henry E. Flow meter with hall effect sensor and method. 4,507,976, 4-2-85, Cl. 73-861.540.

Banks, Bruce A., to United States of America, National Aeronautics and Space Administration. Diamondlike flakes. 4,495,044, 1-22-85, Cl. 204-192.00C.

Banks, Bruce A.: *See—*
- Finke, Robert C.; and Banks, Bruce A., 4,545,553, Cl. 244-134.00D.
- Mirtich, Michael J.; Sovey, James S.; and Banks, Bruce A., 4,560,577, Cl. 427-38.000.

Banks, Charles A., to SL Industries, Inc. Multiple electrical outlet strip construction. 4,493,515, 1-15-85, Cl. 339-14.00L.

Banks, Dennis G.: *See—*
- Banks, Joseph R.; and Banks, Dennis G., 4,533,170, Cl. 296-78.00A.

Banks, Edward L.; Ellington, Thomas S., IV; and Kuyel, Birol, to AT&T Technologies, Inc. Photomask and method of using same. 4,499,162, 2-12-85, Cl. 430-5.000.

Banks, Edward L.; Ellington, Thomas S., IV; and Zavecz, Terrence E., to AT&T Technologies, Inc. Interposer element for photomasks in projection printer. 4,529,299, 7-16-85, Cl. 355-55.000.

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Banks, Edwin R.; Ray, Roger C.; and Dale, Paul B. Table-driven apparatus for data display and modification. 4,538,225, 8-27-85, Cl. 364-200.000.

Banks, Eric W.: *See—*
- Roquemore, Glenn R.; Smith, Patrick E.; and Banks, Eric W., 4,540,315, Cl. 405-264.000.

Banks, Joan D.: *See—*
- Nelson, John A.; and Banks, Joan D., 4,548,258, Cl. 165-1.000.

Banks, Joseph R.; and Banks, Dennis G. Stroller cover and support frame therefor. 4,533,170, 8-6-85, Cl. 296-78.00A.

Banks, Julia G.; and Ficho, William, to Vasilia Ltd. Personalized items and process for making them. 4,508,156, 4-2-85, Cl. 164-35.000.

Banks, Peter B., to English Electric Valve Company Limited. Method of manufacturing a camera tube faceplate. 4,541,699, 9-17-85, Cl. 354-227.100.

Banks, Reginald G. S.: *See—*

Sheppard, Christine M.; Puxley, David C.; Banks, Reginald G. S.; and McKenzie, Donald, 4,546,091, Cl. 502-84.000.

Banks, Robert L., to Phillips Petroleum Company. Olefin metathesis catalyst. 4,508,850, 4-2-85, Cl. 502-351.000.

Banks, Robert L.; and Kukes, Simon G. Olefin disproportionation and catalyst therefor. 4,524,235, 6-18-85, Cl. 585-646.000.

Banks, Robert L.: *See—*

Kukes, Simon G.; and Banks, Robert L., 4,499,328, Cl. 585-646.000.

Kukes, Simon G.; and Banks, Robert L., 4,504,694, Cl. 585-643.000.

Kukes, Simon G.; and Banks, Robert L., 4,513,099, Cl. 502-228.000.

Kukes, Simon G.; and Banks, Robert L., 4,517,401, Cl. 585-645.000.

Kukes, Simon G.; and Banks, Robert L., 4,522,936, Cl. 502-249.000.

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Banks, Russell; and Magid, David J., to Enviro-Spray Systems Incorporated. Expandable bag and method of manufacture. 4,510,734, 4-16-85, Cl. 53-449.000.

Bankston, Benjamin F., to United States of America, National Aeronautics and Space Administration. Apparatus and method for inspecting a bearing ball. 4,551,677, 11-5-85, Cl. 324-226.000.

Bankston, Patrick D. Illuminated buoy marker. 4,544,364, 10-1-85, Cl. 441-6.000.

Bannai, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Interrupt control apparatus for a data processing system. 4,517,643, 5-14-85, Cl. 364-200.000.

Bannerman, Wyburn G.; and Ludwig, Charles H., to Georgia-Pacific Corporation. Cohesive fibrous mat for in-transit particulate control. 4,492,729, 1-8-85, Cl. 428-283.000.

Bannikov, Jury G.: *See—*

Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Banning, Harmon W.: *See—*

Patukonis, Robert J.; and Banning, Harmon W., 4,495,556, Cl. 363-59.000.

Banning, Jurgen, to O. Dorries GmbH. Suction box for dehydrating paper webs. 4,541,896, 9-17-85, Cl. 162-363.000.

Bannink, Engbert T., Jr.; and Olson, Glenn O., to Boeing Company, The. Integral lightning protection system for composite aircraft skins. 4,502,092, 2-26-85, Cl. 361-218.000.

Bannink, Engbert T., Jr., to Boeing Company, The. Method of sealing and bonding laminated epoxy plates. 4,556,439, 12-3-85, Cl. 156-92.000.

Bannink, Engbert T., Jr., to Boeing Company, The. Conductive bonded/bolted joint seals for composite aircraft. 4,556,591, 12-3-85, Cl. 428-43.000.

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Bannister, Brian C., to Marler Haley Exposystems Ltd. Barrier system. 4,533,122, 8-6-85, Cl. 256-69.000.

Bannister, Dennis J., to United Kingdom Atomic Energy Authority. Solid state electrochemical cell. 4,556,615, 12-3-85, Cl. 429-192.000.

Bannister, Richard J., to Burroughs Corporation. Generalized fault reporting system. 4,554,661, 11-19-85, Cl. 371-15.000.

Banno, Shigeki; and Komai, Takeshi, to Nippon Oil and Fats Co., Ltd. Curing method for unsaturated polyester resin. 4,507,432, 3-26-85, Cl. 525-21.000.

Banno, Tadashi: *See—*

Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.

Banno, Taiichi; Hijikata, Kazuo; and Takekawa, Hiroshi, to Olympus Optical Co., Ltd. Photometering apparatus for use in chemical analyzer. 4,498,780, 2-12-85, Cl. 356-414.000.

Banno, Taiichi: *See—*

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, 4,517,160, Cl. 422-65.000.

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, 4,558,946, Cl. 356-73.000.

Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, to Chugai Ro Co., Ltd.; and Mitsubishi Kinzoku Kabushiki Kaisha. Vacuum sintering furnace. 4,518,353, 5-21-85, Cl. 432-205.000.

Banno, Tsutomu; Hayashi, Michiaki; and Senso, Hitoshi, to Pioneer Electronic Corporation. Turntable dc brushless motor stopping control. 4,549,120, 10-22-85, Cl. 318-254.000.

Bannochie, John G., to Eltech Systems Corporation. Porous gas diffusion-electrode. 4,501,803, 2-26-85, Cl. 429-101.000.

Bannon, Glen M.; Hardie-Muncy, Darlene A.; and Wauters, Ronald P., to General Foods Corporation. Method for producing a non-segregating instant stuffing mix and product thereof. 4,530,848, 7-23-85, Cl. 426-293.000.

Banon, Louis: *See—*

Moretti, Antonio; and Banon, Louis, 4,498,024, Cl. 310-54.000.

Banos, Zoltan: *See—*

Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, 4,539,111, Cl. 210-179.000.

Banovic, Peter: *See—*

Burton, Charles A.; and Banovic, Peter, 4,516,699, Cl. 222-591.000.

Banquy, David, to Foster Wheeler Energy Corporation. Process for the production of ammonia. 4,524,056, 6-18-85, Cl. 423-359.000.

Banquy, David L., to Foster Wheeler Energy Corporation. Process for the production of oxygenated organic compounds such as methanol. 4,546,111, 10-8-85, Cl. 518-703.000.

Bansal, Arun K. Electrically powered swing for infant. 4,491,317, 1-1-85, Cl. 272-86.000.

Bansal, Arun K., to Quaker Oats Company, The. Method for making a marbled pet food. 4,524,081, 6-18-85, Cl. 426-249.000.

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Bansal, Ravinder K.: *See—*

McCombs, Norman R.; and Bansal, Ravinder K., 4,561,865, Cl. 55-25.000.

Bansbach, Armin; and Senkel, Helmut, to Semperlux GmbH. Lamp with a linear light source. 4,554,619, 11-19-85, Cl. 362-222.000.

Bantam Systems, Inc.: *See—*

Aldag, John, 4,502,369, Cl. 98-56.000.

Bantel, Richard G.; and Herr, Diane E., to AT&T Bell Laboratories; and American Bell, Inc. Data conference arrangement. 4,509,167, 4-2-85, Cl. 370-62.000.

Banter, C. Bruce: *See—*

Adams, George W.; and Banter, C. Bruce, 4,514,105, Cl. 403-24.000.

Bantick, John R.; Fuher, John; Hardern, David N.; and Lee, Thomas B., to Fisons plc. Naphthalene and 2-oxo-benzopyran acids and derivatives and pharamaceutical use thereof. 4,518,612, 5-21-85, Cl. 514-457.000.

Bantjes, John H.: *See—*

Patil, Arvind S.; Bantjes, John H.; Pepoy, Louis J.; and Sappok, Reinhard J., 4,525,217, Cl. 106-304.000.

Bantle, Max: *See—*

Ullmann, Werner; Bantle, Max; Neumann, Harry; Seuser, Ulrich H.; and Mathys, Andre, 4,557,075, Cl. 51-58.000.

Banton, Martin E.; Lavallee, Pierre A.; Araghi, Mehdi N.; Daniele, Joseph J.; and Yip, Kwok L., to Xerox Corporation. Multiple array full width electro mechanical modulator. 4,492,435, 1-8-85, Cl. 350-360.000.

Banton, Martin E., to Xerox Corporation. Multi-mode reproduction apparatus. 4,524,395, 6-18-85, Cl. 358-300.000.

Banton, Martin E., to Xerox Corporation. Image annotator for use with printing and coping machines. 4,551,008, 11-5-85, Cl. 355-14.00E.

Banton, Martin E.: *See—*

Yip, Kwok-leung; and Banton, Martin E., 4,561,023, Cl. 358-208.000.

Bantz, Wesley R., to AGVS Installations, Inc. Method for installing an automatic guided vehicle system guide path. 4,554,724, 11-26-85, Cl. 29-451.000.

Banu, Mihai; and Tsividis, Yannis, to AT&T Bell Laboratories. Tunable active filter. 4,509,019, 4-2-85, Cl. 330-107.000.

Banu, Mihai, to AT&T Bell Laboratories. Common mode signal detector. 4,518,870, 5-21-85, Cl. 307-356.000.

Bany, Peter-Michael; Berger, Wolfgang; Bettge, Hans; Bialkowski, Gunter; Rozek, Rafl; Steinemer, Norbert; and Volkmann, Claus-Jurgen, to Siemens Aktiengesellschaft. Vacuum switching tube with a helical current path. 4,516,004, 5-7-85, Cl. 200-144.00B.

Bany, Stephen W.; Koshar, Robert J.; and Williams, Todd R., to Minnesota Mining and Manufacturing Company. Ophthalmic devices fabricated from urethane acrylates of polysiloxane alcohols. 4,543,398, 9-24-85, Cl. 525-474.000.

Banyasz, Joseph L.; Owens, Cassandra D.; Mooz, Elizabeth D.; Lilly, A. Clifton, Jr.; Martin, Peter; Merritt, Henry B.; and Semp, Bernard A., to Philip Morris Incorporated. Process for increasing the filling power of tobacco. 4,497,330, 2-5-85, Cl. 131-291.000.

Banzhaf, Werner: *See—*

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Banzi, Viviano; Barbe, Pier C.; and Noristi, Luciano, to Montedison S.p.A. Catalysts components and catalysts for the polymerization of olefins. 4,529,716, 7-16-85, Cl. 502-121.000.

Baptist Medical Center of Oklahoma, Inc.: *See—*

Richard, Gordon L., 4,499,339, Cl. 179-107.0FD.

Baptista, Raymond J.; and Spector, George. Snow shield foot and leg insulator. 4,542,597, 9-24-85, Cl. 36-2.00R.

Baquet, Philippe: *See—*

Rouly, Eric; Baquet, Philippe; and Dubuit, Jean-Louis, 4,520,726, Cl. 101-123.000.

Bar, Alfredo, to Necchi Societa per Azioni. Starting relay-terminal box group for hermetic motor-driven compressors. 4,492,886, 1-8-85, Cl. 310-68.00C.

Bar, Alfredo, to Necchi Societa per Azioni. Silencer of the resonance absorption type in motorcompressor for refrigerators. 4,523,663, 6-18-85, Cl. 181-403.000.

Bar, Helmut: *See—*

Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, 4,504,670, Cl. 549-347.000.

Bar-Nefy, Simcha; and Tiomkin, Michael, to Israel Aircraft Industries, Ltd. Mine field clearing apparatus mountable on a vehicle. 4,491,053, 1-1-85, Cl. 89-1.130.

Bar-Nefy, Simcha; and Tiomkin, Michael V., to Israel Aircraft Industries, Ltd. Minefield clearing apparatus. 4,552,053, 11-12-85, Cl. 89-1.130.
Bar-on, Yair; and Horn, Gavriel. Energy conservation circuit for standby operation. 4,531,237, 7-23-85, Cl. 455-343.000.
Bar-Ray Products, Inc.: *See—*
  Pokrinchak, Jordan J., 4,510,708, Cl. 40-361.000.
Bar, Vilmos; Boszormenyi, Jozsef; Richter, Peter; Mercz, Jeno; and Rozsnyai, Tamas, to Material Vegyipari Szovetkezet; and Human Oltoanyagtermelo es Kutato Intezet, a part interest. Compositions for and medical use of water-soluble derivatives of 6,6-methylene-bis-(2,2,4-trimethyl-1,2-dihydroquinoline). 4,510,147, 4-9-85, Cl. 514-314.000.
Bar-Yonah, Yitzchak. Selectively light transmitting panel. 4,519,675, 5-28-85, Cl. 350 259.000.
Barabas, Eugene S., to GAF Corporation. Rust removal process using removable coatings of maleic acid copolymers. 4,517,023, 5-14-85, Cl. 134-4.000.
Barabas, Eugene S.; and Cho, James R., to GAF Corporation. Preparation of vinylpyrrolidone/vinyl acetate copolymers of various molecular weights using a single initiator system consisting essentially of t-Butylperoxypivalate. 4,520,179, 5-28-85, Cl. 526-212.000.
Barabas, Eugene S.; and Cho, James R., to GAF Corporation. Polymerization of vinylpyrrolidone to various molecular weights using a single initiator system consisting essentially of t-Butylperoxypivalate. 4,520,180, 5-28-85, Cl. 526-212.000.
Barabas, Eugene S., to GAF Corporation. Rust removal process. 4,521,253, 6-4-85, Cl. 134-3.000.
Barabas, Eugene S.; and Cho, James R., to GAF Corporation. Method of preparing an aqueous solution comprising vinylpyrrolidone/vinyl acetate copolymers of various molecular weights using a single initiator system consisting essentially of t-Butylperoxypivalate. 4,554,311, 11-19-85, Cl. 524-808.000.
Barabas, Eugene S.; and Cho, James R., to GAF Corporation. Method of preparing aqueous solutions of polyvinyl-pyrrolidone homopolymer of various molecular weights using a single initiator system consisting essentially of t-Butylperoxypivalate. 4,554,312, 11-19-85, Cl. 524-808.000.
Barabash, Martin J.: *See—*
  Barker, Graham; and Barabash, Martin J., 4,562,214, Cl. 514-844.000.
Baradel, Agostino: *See—*
  Guerriero, Renato; Veronese, Giuseppe; Baradel, Agostino; and Rivola, Luigi, 4,547,346, Cl. 423-87.000.
Barajas, Felix, to McDonnell Douglas Corporation. Solder composition for high-density circuits. 4,509,994, 4-9-85, Cl. 148-24.000.
Barajas, Felix, to McDonnell Douglas Corporation. Solder composition. 4,531,986, 7-30-85, Cl. 148-24.000.
Barakitis, Nikolaos: *See—*
  Cohen, Sheppard; Barakitis, Nikolaos; Loughridge, Frederick A.; and Marlor, Richard C., 4,524,301, Cl. 313-493.000.
Barall, Heinz, to Hibar Systems Limited. Metering pump. 4,545,507, 10-8-85, Cl. 222-137.000.
Barall, Heinz, to Hibar Systems Limited. Fluid pressure operated actuator. 4,551,072, 11-5-85, Cl. 417-318.000.
Baram, David. Valve. 4,553,564, 11-19-85, Cl. 137-554.000.
Baram, Martin. Cartridge for chemicals. 4,513,861, 4-30-85, Cl. 206-219.000.
Baran, Anthony S., to RCA Corporation. Stencilling a unique machine-readable marking on each of a plurality of workpieces. 4,497,848, 2-5-85, Cl. 427-106.000.
Baran, John S.; and Liang, Chi-Dean, to G. D. Searle & Co. Octahydronaphthalenes. 4,499,289, 2-12-85, Cl. 549-292.000.
Baran, John S.: *See—*
  Hansen, Donald W., Jr.; Baran, John S.; and Owens, William H., 4,514,332, Cl. 260-112.50E.
  Lowrie, Harman S.; and Baran, John S., 4,554,359, Cl. 549-231.000.
Baran, Madelyn M.; and Bleile, Dennis M., to Bio-Rad Laboratories, Inc. Simultaneous assay for T and B lymphocyte populations and subpopulations. 4,511,662, 4-16-85, Cl. 436-513.000.
Baran, Mark E.: *See—*
  Choy, Edmund M.; and Baran, Mark E., 4,548,649, Cl. 106-213.000.
Baran, Michael S.; Besasie, Joseph C.; Warren, Wayne L.; and Montgomery, Allen W., to Koss Corporation. Portable stereophone. 4,517,418, 5-14-85, Cl. 179-156.00R.
Baran, Paul; and Pranger, Maarten R., to Packet Technologies, Inc. Two-way cable-television system. 4,509,073, 4-2-85, Cl. 358-86.000.
Baran, Richard M.: *See—*
  Saprokhin, Alexander M.; Friedland, David J.; Baran, Richard M.; Kim, Jung T.; and McCurry, Lynn E., 4,511,440, Cl. 204-60.000.
Baran, Walter J., Jr., to United Technologies Corporation. Turbine stator assembly. 4,512,712, 4-23-85, Cl. 415-116.000.
Baran, Walter J., Jr., to United Technologies Corporation. Stator assembly for bounding the flow path of a gas turbine engine. 4,525,997, 7-2-85, Cl. 60-39.161.
Barancik, Martin B.: *See—*
  Liu, Ping Y., 4,503,183, Cl. 524-504.000.
Baranoff-Rossine, Dimitri, to Societe Scome-France. Method and apparatus for identifying sound recordings. 4,495,526, 1-22-85, Cl. 360-15.000.
Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V. Solar photoelectric module. 4,491,683, 1-1-85, Cl. 136-259.000.
Baranowski, Kenneth M., to Baranowski, Kenneth M. Boarding ramp. 4,538,314, 9-3-85, Cl. 14-71.100.
Baranowski, Thomas J., Jr.: *See—*
  Black, Jonathan; and Baranowski, Thomas J., Jr., 4,519,394, Cl. 128-419.00F.
Baranski, Jan A.: *See—*
  Sigvardt, Niels H.; and Baranski, Jan A., 4,513,956, Cl. 271-9.000.
Baranyai, Lawrence; and Colton, John R., to AT&T Bell Laboratories. Linear time division multiplexed conferencer for data transfer applications. 4,499,577, 2-12-85, Cl. 370-62.000.
Baranyi, Giuseppa; Kazmaier, Peter M.; Hsiao, Cheng-Kuo; and Burt, Richard A., to Xerox Corporation. Processes for the preparation of squaraine compositions. 4,524,218, 6-18-85, Cl. 564-307.000.
Baranyi, Giuseppa: *See—*
  Kazmaier, Peter M.; Baranyi, Giuseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,559,286, Cl. 430-59.000.
Baranyi, Guiseppa: *See—*
  Kazmaier, Peter M.; Baranyi, Guiseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,552,822, Cl. 430-59.000.
Baraona, John P., to Republic Steel Corporation. Flexible probe assembly for use in nondestructive testing of a convex workpiece surface. 4,543,528, 9-24-85, Cl. 324-262.000.
Barari, Fred S. Earthquake safety support for transportable building. 4,522,000, 6-11-85, Cl. 52-167.000.
Barathon, Jean-Claude; Moiny, Fernand; Soyez, Christian; and Soyez, Gerard, to Soyez FR. S.A. Packaging of drinking straws. 4,494,361, 1-22-85, Cl. 53-553.000.
Baratta, Suzanne: *See—*
  Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, 4,505,943, Cl. 426-565.000.
Barauke, Norbert, to Spindelfabrik Sussen, Schurr, Stahlecker & Grill GmbH. Device for interrupting the feed of a roving to the drawing frames of a spinning machine. 4,519,199, 5-28-85, Cl. 57-87.000.
Baravaglio, Marie E. Bullet trap for a shooting stand. 4,512,585, 4-23-85, Cl. 273-410.000.
Baravian, Jean; and Barbey, Jacques, to Rhone-Poulenc Fibres. Waterproof membrane with fuse bonded non-woven reinforcement. 4,518,658, 5-21-85, Cl. 428-291.000.
Baravian, Jean, to Rhone-Poulenc Fibres. Process for the treatment of non-woven sheets and the product obtained. 4,560,385, 12-24-85, Cl. 8-115.700.
Barazone, Mounque. Apparatus for laying paving fabric. 4,555,073, 11-26-85, Cl. 242-86.50R.
Barba, Walter D., to Aeromarine Technology, Inc. Process for the protective sealing of anodic aluminum oxide and its alloys which confers a particular resistance to agressive alkaline agents. 4,549,910, 10-29-85, Cl. 148-6.270.
Barbagli, Rino O., to Fiat Allis Europe, S.p.A. Remote controlled hydraulic circuit having selector means for establishing priority therein. 4,508,013, 4-2-85, Cl. 91-516.000.
Barbagli, Rino O., to Fiat Allis Europe S.p.A. Device for correcting deviations from rectilinear movement of tracked vehicles having separate transmissions for right and left side tracks. 4,531,601, 7-30-85, Cl. 180-6.480.
Barbagli, Rino O., to Fiat Allis Europe S.p.A. Device for controlling the travel of a vehicle. 4,552,031, 11-12-85, Cl. 74-473.00R.
Barbagli, Rino O.; and Marras, Gaetano, to Fiat Allis Europe S.p.A. Steering device for a hydrostatic-drive vehicle, in particular a crawler-mounted earth-moving machine. 4,561,513, 12-31-85, Cl. 180-6.480.
Barbanti-Brodano, Giuseppe: *See—*
  Ricciardi, Robert P.; Barbanti-Brodano, Giuseppe; and Milanesi, Gabriele, 4,562,155, Cl. 435-172.300.
Barbaric, Zoran L.; and Nelson, Robert S., to University of California, The Regents of the. High-efficiency X-radiation converters. 4,560,882, 12-24-85, Cl. 250-487.100.
Barbas, George A.: *See—*
  Sheets, Ronald E.; Barbas, George A.; Doering, Howard W., Jr.; and Bjorkman, John R., 4,539,479, Cl. 250-491.100.
  Sheets, Ronald E.; Barbas, George A.; Doering, Howard W., Jr.; and Bjorkman, John R., 4,555,630, Cl. 250-492.100.
Barbe, Karl-Heinz; and Berger, Erich, to Hauni-Werke Korber & Co. KG. Apparatus for severing a running web of tipping paper or the like. 4,503,867, 3-12-85, Cl. 131-95.000.
Barbe, Pier C.: *See—*
  Albizzati, Enrico; Parodi, Sandro; and Barbe, Pier C., 4,522,930, Cl. 502-124.000.
  Banzi, Viviano; Barbe, Pier C.; and Noristi, Luciano, 4,529,716, Cl. 502-121.000.
Barbe, Pierre L.; and Depoisson, Jean P., to Pont-a-Mousson S.A. Gate valve. 4,505,453, 3-19-85, Cl. 251-328.000.
Barbe, Pierre L. C. C., to Pont-a-Mousson S.A. Gate valve. 4,541,613, 9-17-85, Cl. 251-326.000.
Barbee, Robert B.; Bass, Roy K.; Davis, Burns; and Minnick, Larry A., to Eastman Kodak Company. Polyesteramides and containers having improved gas barrier properties formed therefrom. 4,501,879, 2-26-85, Cl. 528-288.000.
Barbee, Robert B.; and Davis, Burns, to Eastman Kodak Company. Copolyesters from ether-containing glycols and acids. 4,518,763, 5-21-85, Cl. 528-173.000.
Barbee, Robert B.; and Davis, Burns, to Eastman Kodak Company. Polyester resins useful for forming containers having improved gas barrier properties. 4,546,170, 10-8-85, Cl. 528-302.000.
Barbee, Robert B.; and Wicker, Thomas H., Jr., to Eastman Kodak Company. Polyester resins capable of forming containers having improved gas barrier properties. 4,552,948, 11-12-85, Cl. 528-194.000.

Barbee, Robert B.: *See—*
Davis, Burns; and Barbee, Robert B., 4,560,741, Cl. 528-302.000.

Barber, Alan G., to Union Carbide Corporation. Method for dispersing fibrillated fibers. 4,524,158, 6-18-85, Cl. 523-130.000.

Barber, Alan G., to Union Carbide Corporation. Leak stopping composition and method. 4,524,159, 6-18-85, Cl. 523-177.000.

Barber, Alan G., to Union Carbide Corporation. Cooling system cleaning composition. 4,540,443, 9-10-85, Cl. 134-2.000.

Barber-Colman Company: *See—*
Fermanich, Raymond J., 4,532,951, Cl. 137-84.000.
Moyer, Robert C., 4,497,242, Cl. 98-115.300.
Parsons, Gerald R., 4,533,800, Cl. 200-61.390.
Trost, Wayne C., 4,512,373, Cl. 139-11.000.

Barber, Dennis W.: *See—*
Trudell, Gerald R.; Kraska, Theodore F.; and Barber, Dennis W., 4,558,721, Cl. 138-151.000.

Barber, Donald T., to Datafile Limited. Method of adding color coded labels to files. 4,523,776, 6-18-85, Cl. 283-39.000.

Barber, Edmund A., Jr. Chord display device for fretted string instrument. 4,503,748, 3-12-85, Cl. 84-474.000.

Barber, Eugene F.; and Barber, Steven C. Self-contained corner radius punch and die machine. 4,539,880, 9-10-85, Cl. 83-467.00R.

Barber, Forest C. Arthroscopic surgery dissecting apparatus. 4,512,344, 4-23-85, Cl. 128-305.000.

Barber, Forest C. Drilling a curved hole. 4,541,423, 9-17-85, Cl. 128-92.00E.

Barber, Gerald L.; and Comstock, Wayne P. Undulating amusement ride apparatus. 4,513,960, 4-30-85, Cl. 272-44.000.

Barber, James C., to James C. Barber and Associates, Inc. Production of fluid fertilizer from phosphorus furnace waste stream. 4,514,366, 4-30-85, Cl. 423-318.000.

Barber, James C., to James C. Barber and Associates, Inc. Energy conservation during the smelting of ores. 4,529,439, 7-16-85, Cl. 75-10.00R.

Barber, James C., to James C. Barber and Associates, Inc. Fertilizer from phosphorus furnace waste stream. 4,537,615, 8-27-85, Cl. 71-36.000.

Barber, James J., to Halcon SD Group, Inc., The. Process for the electrochemical synthesis of ethylene glycol from formaldehyde. 4,517,062, 5-14-85, Cl. 204-77.000.

Barber, James J., to Halcon SD Group, Inc., The. Process for the recovery of high purity squaric acid. 4,523,980, 6-18-85, Cl. 204-59.00R.

Barber, Larry J., to Mesa Technology. Testable tape for bonding leads to semiconductor die and process for manufacturing same. 4,510,017, 4-9-85, Cl. 156-651.000.

Barber, Lois M. Ulnar deviation splint. 4,558,694, 12-17-85, Cl. 128-87.00A.

Barber, Loren L., Jr., to MacDermid, Incorporated. Method for electroplating metals using microemulsion additive compositions. 4,502,926, 3-5-85, Cl. 204-45.100.

Barber, Michael; and Lloyd, Charles F., to CTS Corporation. Electromagnetically operated hydraulic valve device with snap-together valve housing. 4,509,716, 4-9-85, Cl. 251-141.000.

Barber, Michael F. Fluid discriminating apparatus. 4,537,232, 8-27-85, Cl. 141-382.000.

Barber, Ralph R.; and Schultze, Eckart F., to Duff-Norton Company, Inc. Hydraulic directional control valve. 4,500,069, 2-19-85, Cl. 251-282.000.

Barber, S. Morgan. Device for suspending the human body in an inverted position. 4,523,582, 6-18-85, Cl. 128-71.000.

Barber, Steven C.: *See—*
Barber, Eugene F.; and Barber, Steven C., 4,539,880, Cl. 83-467.00R.

Barber, Thomas D., to Schlumberger Technology Corporation. Phasor processing of induction logs including skin effect correction. 4,513,376, 4-23-85, Cl. 364-422.000.

Barber, William A., to American Cyanamid Company. Exhaust emission catalyst. 4,497,783, 2-5-85, Cl. 423-213.500.

Barber, William D.; Eberhard, Jeffrey W.; and Karr, Steven G., to General Electric Company. Time domain technique to determine mean frequency. 4,542,657, 9-24-85, Cl. 73-861.250.

Barber, William F. All-terrain vehicle with tractive roller assembly. 4,560,019, 12-24-85, Cl. 180-9.320.

Barberis, Dario, to WABCO Westinghouse Compagnia Freni S.p.A. Vehicle braking apparatus and method. 4,536,039, 8-20-85, Cl. 303-16.000.

Barberis, Giulio: *See—*
Bella, Luigi; Brignolo, Roberto; Barberis, Giulio; and Sposini, Maurizio, 4,542,499, Cl. 370-85.000.

Barbero, Aquilino; and Realis Luc, Roberto, to Ing. C. Olivetti & C., S.p.A. Ink jet printing head and serial printer. 4,503,442, 3-5-85, Cl. 346-140.00R.

Barbero, Mario, to Fiat Auto S.p.A. Guide device for sliding windows of motor vehicles and a method for its manufacture. 4,553,354, 11-19-85, Cl. 49-431.000.

Barbet, Karl-Heinz: *See—*
Busch, Peter; and Barbet, Karl-Heinz, 4,524,943, Cl. 249-63.000.

Barbetta, Angelo J.; Gruber, Robert J.; Isganitis, Louis V.; Law, Kock-Yee; Lin, John W.; Koch, Ronald J.; and Dunn, Steven T., to Xerox Corporation. Developer compositions with infrared absorbing additives. 4,539,284, 9-3-85, Cl. 430-110.000.

Barbetta, Angelo J.: *See—*
Hoffend, Thomas R.; and Barbetta, Angelo J., 4,560,635, Cl. 430-106.600.

Barbey, Jacques: *See—*
Baravian, Jean; and Barbey, Jacques, 4,518,658, Cl. 428-291.000.

Barbier, Jean P.: *See—*
Rialland, Jean P.; and Barbier, Jean P., 4,520,036, Cl. 426-271.000.

Barbieri, John J.; and Oar, Ross C., to Barbieri, John J. Object-simulating belt buckle. 4,514,883, 5-7-85, Cl. 24-163.00K.

Barbieri, Raul; and Marianelli, Giorgio. Composable wall-clock. 4,505,596, 3-19-85, Cl. 368-236.000.

Barbieri, Stephen C.; and Mayer, Linda J., to OMI International Corporation. High speed copper electroplating process and bath therefor. 4,555,315, 11-26-85, Cl. 204-52.00R.

Barbillat, Jacques H.: *See—*
Delhaye, Michel M.; Dhamelincourt, Paul A.; da Silva, Edouard F.; and Barbillat, Jacques H., 4,523,799, Cl. 350-6.300.

Barbon, Alessandro: *See—*
Ghelli, Giovanni; and Barbon, Alessandro, 4,497,634, Cl. 8-94.260.

Barbosa, Joseph A.: *See—*
Cooper, Ellis; and Lindahl, Gerald, 4,546,245, Cl. 250-211.00K.

Barbour, Bruce E. Wrist strap illuminating device. 4,521,832, 6-4-85, Cl. 362-103.000.

Barbour, John J.: *See—*
Henderson, James N.; Donbar, Ken W.; Barbour, John J.; and Bell, Anthony J., 4,506,031, Cl. 502-162.000.

Barbour, Mathew: *See—*
Torrance, Donald M., 4,545,145, Cl. 47-48.500.

Barbulescu, Adrian; Boulet, Rodrique; and Lessard, Denis, to Centre de Recherche Industrielle du Quebec. System and method for extracting liquid from a humid mass by compression. 4,534,868, 8-13-85, Cl. 210-780.000.

Barbuto, David J., to Quality Controls, Inc. Flexible seal for rotor valves. 4,548,385, 10-22-85, Cl. 251-175.000.

Barby, Donald; and Haq, Zia, to Lever Brothers Company. Low density porous cross-linked polymeric materials and their preparation and use as carriers for included liquids. 4,522,953, 6-11-85, Cl. 521-64.000.

Barcellona, Alessandro; Ferrando Gorin, Guido; and Lausarot, Aldo, to Fiat Auto S.p.A. Mixing of gaseous substances. 4,498,496, 2-12-85, Cl. 137-599.000.

Barcelon-Yang, Cynthia: *See—*
Stout, David M.; Yamamoto, Diane M.; and Barcelon-Yang, Cynthia, 4,555,517, Cl. 514-336.000.

Barch, Daniel R.: *See—*
Ramser, Robert A.; Booz, A. David; Barch, Daniel R.; and Cebulak, Walter S., 4,548,768, Cl. 264-12.000.

Barch, Herbert W.; Salego, George T.; Retsch, William H.; and Blair, Rudolph, to PPG Industries, Inc. Cylindrical sleeve applicator for use in manufacturing chemically treated filaments. 4,491,082, 1-1-85, Cl. 118-234.000.

Barch, Herbert W.; Salego, George T.; Blair, Rudolph; and Retsch, William H., to PPG Industries, Inc. Applicator for treating textile filaments with chemical treatments. 4,517,916, 5-21-85, Cl. 118-234.000.

Barchechat, Shlomo; and Kolitsky, Norman, to Safe-Air Inc. Ventilation damper control system. 4,545,363, 10-8-85, Cl. 126-285.00B.

Barchers, Daniel E.: *See—*
McHugh, Larry F.; and Barchers, Daniel E., 4,523,948, Cl. 75-7.000.

Barchus, Oscar W. Animal skinning holder. 4,543,688, 10-1-85, Cl. 17-44.300.

Barclay, Donald J.; Morgan, William M.; and Vigar, James M., to International Business Machines Corporation. Electrodeposition of chromium and its alloys. 4,502,927, 3-5-85, Cl. 204-51.000.

Barclay, Donald J., to International Business Machines Corporation. Electrodeposition of chromium and its alloys. 4,507,178, 3-26-85, Cl. 204-29.000.

Barclay, Donald J.: *See—*
Dowden, Barry F.; Barclay, Donald J.; and Kirkman, David H., 4,526,441, Cl. 350-357.000.

Barclay, John A., to United States of America, Energy. Low-temperature magnetic refrigerator. 4,507,927, 4-2-85, Cl. 62-3.000.

Barclay, John A.; and Dyson, Jack E., to United States of America, Energy. Rotary multiposition valve. 4,553,566, 11-19-85, Cl. 137-625.110.

Barclay, John L.; Brooks, Alan G.; and Duebel, Clive P. J., to British Petroleum Company p.l.c., The. Apparatus and method for transferring solids. 4,492,497, 1-8-85, Cl. 406-153.000.

Barclay, John L.; Stevens, Geoffrey C.; Stokes, Brian; and Ward, Denis S., to British Petroleum Company Limited, The. Solids transfer system. 4,557,637, 12-10-85, Cl. 406-153.000.

Barclay, Thomas E.; and Zett, John A., to E-Systems, Inc. Variable threshold receiver. 4,516,248, 5-7-85, Cl. 375-76.000.

Barcus-Berry, Inc.: *See—*
Crooks, Robert C., 4,496,859, Cl. 307-520.000.

Barcus, Lester M. String instrument pickup system. 4,491,051, 1-1-85, Cl. 84-1.160.

Barcy, Michael F., to CT Harwood Limited. Engine preheaters. 4,512,322, 4-23-85, Cl. 123-549.000.

Barcza, Sandor, to Sandoz, Inc. Disilacyclohexane derivatives in antifertility agents. 4,528,191, 7-9-85, Cl. 514-63.000.

Bard Limited: *See—*
Cross, David E., 4,540,156, Cl. 251-309.000.

Bardell, Paul H., Jr.; and McAnney, William H., to International Business Machines Corporation. Simultaneous self-testing system. 4,513,418, 4-23-85, Cl. 371-25.000.

Barden Corporation, The: *See—*

Saravis, Lawrence M., deceased; Stein, Jeffrey A.; and Saravis, Darren S., 4,512,617, Cl. 308-6.00C.

Bardhan, Nabendu: *See—*

Ashley, Robert J.; Bardhan, Nabendu; Hardy, Peter D.; and Jeffs, Keith D., 4,553,971, Cl. 604-415.000.

Bardin, Roland; Mack, Joel; and Counioux, Jean-Jacques, to Compagnie Europeenne d'Accumulateurs. Lead-antimony-magnesium alloys for storage cell supports and method of manufacturing said alloys. 4,525,327, 6-25-85, Cl. 420-565.000.

Bardina, Juan; and Gonzalez, Mikel, to Technomex Development, Ltd. Decontamination method for semiconductor wafer handling equipment. 4,560,417, 12-24-85, Cl. 134-1.000.

Barditch, Irving F., to United States of America, Army. Gastight seals for rubber suits. 4,558,467, 12-17-85, Cl. 2-2.10R.

Bardle Servovalve Company: *See—*

Nicholson, Robert D., 4,560,969, Cl. 335-272.000.

Bardo, Charles J.; Seawell, Jesse Q.; Dylewski, Anthony J.; and Clark, John L., Jr., to Ceramic Cooling Tower Company. Cooling tower with concrete support structure, fiberglass panels, and a fan supported by the liquid distribution system. 4,543,218, 9-24-85, Cl. 261-24.000.

Bardong, Helmut: *See—*

Nonnenmann, Manfred; Hesse, Wolfgang; Haller, Klaus; and Bardong, Helmut, 4,519,120, Cl. 29-157.00R.

Bardonner, Hans: *See—*

Reiff, Friedrich; Hartner, Hartmut; Basedow, Arno; Hugenbusch, Hans-Wolfgang; Schmidt, Peter C.; and Bardonner, Hans, 4,507,511, Cl. 568-852.000.

Bardos, Andrew M.: *See—*

Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., 4,551,829, Cl. 370-3.000.

Bardos, Thomas J., Perlman, Michael E.; and MacDiarmid, Joan E., to Research Foundation of State University of New York, The. Bis(2,2-dimethyl-1-aziridinyl)phosphinic amides for use in the treatment of tumors. 4,544,501, 10-1-85, Cl. 260-239.0EP.

Bardoux, Raymond; and Joffre, Henri, to Commissariat a l'Energie Atomique; and Merlin Gerin. Practical device for the measurement of the absorbed dose versus depth in soft tissues. 4,538,071, 8-27-85, Cl. 250-505.100.

Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased (by Lee, Janice N., executrix), to General Foods Corporation. Pressurized container providing for the separate storage of a plurality of materials. 4,524,078, 6-18-85, Cl. 426-112.000.

Bare, Rex O.; and Robinson, Earl F., to C. R. Bard, Inc. Medical electrode construction. 4,522,211, 6-11-85, Cl. 128-640.000.

Bare, Thomas M.; and Heald, Anthony F., to ICI Americas Inc. CNS-Depressant pyrazolopyridines. 4,511,568, 4-16-85, Cl. 514-293.000.

Bare, Thomas M., to ICI Americas Inc. Pyrazolo[3,4-b]pyridine carboxylic acid esters and their pharmaceutical use. 4,552,883, 11-12-85, Cl. 514-303.000.

Bare, Thomas M.: *See—*

Campbell, James B., Jr.; and Bare, Thomas M., 4,546,104, Cl. 514-293.000.

Barege, Jacqueline. Dispenser for continuous, severable strips. 4,516,711, 5-14-85, Cl. 225-20.000.

Barer, Sol J.; and Terwedow, Henry A., Jr. Mosquito development inhibitor employing substituted phenols. 4,525,362, 6-25-85, Cl. 514-712.000.

Barer, Sol J.: *See—*

Hsieh, Jih-Han; Barer, Sol J.; and Maxwell, Peter C., 4,535,059, Cl. 435-142.000.

Bares, Jan, to Xerox Corporation. Development system using a thin layer of marking particles. 4,518,245, 5-21-85, Cl. 355-3.0DD.

Bares, Jan, to Xerox Corporation. Metering blade for use in a development system. 4,553,829, 11-19-85, Cl. 355-3.0DD.

Barfell, Don L., to Elkhart Machine & Tool Co., Inc. Seat pedestal. 4,518,139, 5-21-85, Cl. 248-418.000.

Barfield, Gilbert; and Hagopian, Gary J. Mold and method for forming golf balls. 4,501,715, 2-26-85, Cl. 264-248.000.

Barfield, Gilbert; and Hagopian, Gary J. Apparatus for forming golf ball molds. 4,552,004, 11-12-85, Cl. 72-60.000.

Barfield, Michelle D.; and Spector, George. Ornament. 4,513,035, 4-23-85, Cl. 428-11.000.

Barfuss, Juergen; Oestreich, Ulrich; Schoeber, Gernot; and Schrey, Wolfgang, to Siemens Aktiengesellschaft. Cable construction. 4,541,686, 9-17-85, Cl. 350-96.230.

Barge, Fred H. Reclining radiographic wall table. 4,534,076, 8-13-85, Cl. 5-147.000.

Barger, Dwight F., to Ashland Oil, Inc. Combination process for upgrading residual oils. 4,525,268, 6-25-85, Cl. 208-73.000.

Barger, Dwight F.: *See—*

Walters, Paul W.; Benslay, Roger M.; and Barger, Dwight F., 4,495,063, Cl. 208-113.000.

Bargiel, Douglas A.; Assony, Edward M.; Ha, Truong M.; and Rosseau, Richard B., to FMC Corporation. Maintaining constant pick-up broom pattern. 4,525,888, 7-2-85, Cl. 15-83.000.

Bargigia, Gianangelo; and Carniselli, Giuliano, to Montedison S.p.A. Composition based on a fluorohydrocarbon solvent, suitable for removing water from the surface of manufactured articles. 4,491,531, 1-1-85, Cl. 252-153.000.

Bargiotti, Alberto; Penco, Sergio; and Casazza, Anna M., to Farmitalia Carlo Erba S.p.A. Anthracycline glycosides. 4,522,815, 6-11-85, Cl. 514-34.000.

Barham, Jerel J.: *See—*

Moser, William H., 4,518,303, Cl. 414-528.000.

Barho, Hans; and Denz, Helmut, to Robert Bosch GmbH. Multi-cylinder internal combustion engine having disconnectable groups of cylinders. 4,550,704, 11-5-85, Cl. 123-481.000.

Barich, David J.: *See—*

Wiltermood, Larry C.; Barich, David J.; and Siedow, Fred G., 4,521,968, Cl. 33-178.00E.

Barie, Walter P.: *See—*

Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., 4,524,171, Cl. 524-376.000.

Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., 4,535,115, Cl. 524-376.000.

Baril, Michel; and Sillard, Gilles, to Thomson-CSF. Electromagnetic wave switch. 4,507,632, 3-26-85, Cl. 333-258.000.

Barillo, Joseph: *See—*

Urban, Warren J.; Barillo, Joseph; and Krupa, Jerry J., 4,536,338, Cl. 260-400.000.

Barin, Ihsan; Gamroth, Michael; Hesse, Rolf; and Wirosoedirdio, Soegianto, to Klockner-Humboldt-Deutz AG. Method and apparatus for removing arsenic from an arsenic-containing material. 4,497,780, 2-5-85, Cl. 423-88.000.

Barish, Herman B., to Lockheed Corporation. Split-point twist drill. 4,556,347, 12-3-85, Cl. 408-230.000.

Bark, Jeffrey E., to Medical Engineering Corporation. Skin mounted drainage catheter retention disc. 4,533,349, 8-6-85, Cl. 604-174.000.

Bark, Marvin L.: *See—*

Tseng, Wen F.; and Bark, Marvin L., 4,505,023, Cl. 29-571.000.

Barkan, Edward: *See—*

Swartz, Jerome; Barkan, Edward; and Harrison, Shelley A., 4,496,831, Cl. 235-472.000.

Barkas, Emanuel E., to Harvey Hubbell Incorporated. Shuttered electrical receptacle. 4,544,219, 10-1-85, Cl. 339-40.000.

Barker, A. Paul. Kit for and method of immobilizing the cervical spine. 4,538,601, 9-3-85, Cl. 128-89.00R.

Barker, Allan D., to A.D. & R.E. Barker Pty. Ltd. Connectors for vessels or pipes. 4,497,511, 2-5-85, Cl. 285-158.000.

Barker, Clifford S.: *See—*

Schimmel, William P.; Barker, Clifford S.; and Jones, Dana P., 4,526,747, Cl. 419-8.000.

Barker, Dale E., to Procter & Gamble Company, The. Easy open/reclosable container with pouring lip and hold-open feature. 4,516,689, 5-14-85, Cl. 220-335.000.

Barker, Dale E.; Bettle, Griscom, III; and Van Coney, Robert H., to Procter & Gamble Company, The. Liquid product pouring and measuring package with self draining feature. 4,550,862, 11-5-85, Cl. 222-109.000.

Barker, Graham; and Barabash, Martin J., to Witco Chemical Corporation. Personal care emulsion. 4,562,214, 12-31-85, Cl. 514-844.000.

Barker, Howard A.: *See—*

Aston, Geoffrey W.; Smith, Susan; Chapman, Paul; and Barker, Howard A., 4,551,384, Cl. 428-312.600.

Barker, James M., to Otis Engineering Corporation. Valved plug for packer. 4,532,989, 8-6-85, Cl. 166-188.000.

Barker, Jeffrey G., to Ranks Hovis McDougall p.l.c. Method of and apparatus for wrapping articles. 4,517,786, 5-21-85, Cl. 53-450.000.

Barker, Laurence S., to Xerox Corporation. Jammed sheet removal aid in a reproducing machine. 4,533,135, 8-6-85, Cl. 271-275.000.

Barker, Lynn M., to United States of America, Energy. Isentropic compressive wave generator impact pillow and method of making same. 4,497,873, 2-5-85, Cl. 428-547.000.

Barker, Michael, to Dow Chemical Company, The. Roof insulation retention. 4,517,776, 5-21-85, Cl. 52-90.000.

Barker, Michael D., to D. Wickham and Company Limited. Centrifugal pumps. 4,556,364, 12-3-85, Cl. 415-170.00A.

Barker, Michael D.: *See—*

Martin, Derek J.; and Barker, Michael D., 4,531,617, Cl. 187-89.000.

Barker, Peter L.: *See—*

Biftu, Tesfaye; Witzel, Bruce E.; and Barker, Peter L., 4,533,671, Cl. 514-413.000.

Biftu, Tesfaye; Witzel, Bruce E.; and Barker, Peter L., 4,536,512, Cl. 514-413.000.

Barker, Robert B.; Davidge, Ronald V.; Gibson, David K.; and Van Cleave, George W., to International Business Machines Corporation. Electronically gated paper aligner system. 4,519,700, 5-28-85, Cl. 355-3.0SH.

Barker, Robert I.; King, David P.; and Pawlowski, Henry A., to Monsanto Company. Multifunction processability testing method and apparatus. 4,552,025, 11-12-85, Cl. 73-846.000.

Barker, Ronald C.; and Schuler, Chester L., to Montage Computer Corporation. Video composition method and apparatus. 4,538,188, 8-27-85, Cl. 360-14.300.

Barker, Ronald E.: *See—*

Wilson, A. Kenneth; and Barker, Ronald E., 4,491,300, Cl. 251-368.000.

Barker, Sidney A.; Baggett, Neil; Stevenson, John; and deCourcy, David R., to Foseco International Limited. Alkali metal silicate binder compositions. 4,504,314, 3-12-85, Cl. 106-38.350.

Barker, Thruburn: *See—*

Ottsen, Henning; and Barker, Thruburn, 4,513,401, Cl. 367-19.000.

Barker, W. David; Heisey, Raymond K., Jr.; and Mariano, Arturo C., to Butler Manufacturing Company. Attachment clip unit for standing seam roof. 4,543,760, 10-1-85, Cl. 52-544.000.

Barkhau, Marvin L.; and Kujawa, Joseph J., to Owens-Illinois, Inc. Forehearth for molten glass and method of using same. 4,511,385, 4-16-85, Cl. 65-135.000.

Barkhau, Marvin L.; Perry, Philip D.; Poundstone, Donald H.; and Sherman, James E., to Owens-Illinois, Inc. Electrically heated forehearth and method of controlling molten glass temperature therein. 4,515,614, 5-7-85, Cl. 65-29.000.

Barkhoudarian, Sarkis, to Rockwell International Corporation. Lightweight torquemeter and torque-measuring method. 4,523,482, 6-18-85, Cl. 73-862.360.

Barkhoudarian, Sarkis, to Rockwell International Corporation. Surface-acoustic-wave, digitized angular accelerometer. 4,549,436, 10-29-85, Cl. 73-517.00A.

Barkis, Edward D.; Moore, Douglas G.; Fernald, Allen M.; and McClellan, Felton L., to Standard Oil Company (Indiana). Non-fraying, breathable fabric suitable for use as a cotton bale cover and bag fabric, apparatus and method for making the same. 4,557,958, 12-10-85, Cl. 428-36.000.

Barkley, Billy L., to Celanese Corporation. Process for producing self-texturing fabric with soft hand. 4,503,008, 3-5-85, Cl. 264-342.00R.

Barkmeyer, Hans: *See—*
  Hesse, Theodor; and Barkmeyer, Hans, 4,511,292, Cl. 406-152.000.

Barkus, Lee A.; and Bright, Edward J., to AMP Incorporated. Release mechanism for a connector cover. 4,504,105, 3-12-85, Cl. 339-75.0MP.

Barkus, Lee A., to AMP Incorporated. Electrical connector for use between circuit boards. 4,505,529, 3-19-85, Cl. 339-17.00M.

Barletta, Joseph M.; and Yang, John P., to Lockheed Electronics Co., Inc. Electronic tag identification system. 4,525,713, 6-25-85, Cl. 340-825.540.

Barley, Geoffrey W., to UOP Inc. Vehicle seats. 4,494,794, 1-22-85, Cl. 297-307.000.

Barley, Geoffrey W., to UOP Inc. Parallel folding armrest. 4,496,190, 1-29-85, Cl. 297-411.000.

Barley, Geoffrey W., to UOP Inc. Suspension seats for vehicles. 4,505,513, 3-19-85, Cl. 297-307.000.

Barlian, Reinhold. Device for detecting vapor leakages. 4,534,662, 8-13-85, Cl. 374-4.000.

Barlian, Reinhold; and Fischle, Martin, to Barlian, Reinhold. Temperature-humidity surveillance equipment. 4,553,432, 11-19-85, Cl. 73-336.000.

Barlics, John J. Container. 4,549,693, 10-29-85, Cl. 239-58.000.

Barlics, John J. Trivet. 4,550,894, 11-5-85, Cl. 248-346.000.

Barlier, Pernette R. M.; Boury, Gerard R.; and Mazeau, Jean-Pierre, to Corning Glass Works. Decorative enamel for glass-ceramics having low coefficients of thermal expansion. 4,532,221, 7-30-85, Cl. 501-22.000.

Barlier, Pernette R. M.; and Mazeau, Jean-Pierre, to Corning Glass Works. Tinted opal glasses. 4,532,223, 7-30-85, Cl. 501-32.000.

Barlow, Anthony; Schlossman, Irwin S.; and Borgerding, Robert E., to National Distillers and Chemical Corporation. Electrical tree and water tree resistant compounds and polymer compositions containing the same. 4,499,013, 2-12-85, Cl. 252-567.000.

Barlow, Anthony; and Maringer, Melvin F., to National Distillers and Chemical Corporation. Water tree resistant compounds and polymer compositions containing the same. 4,536,530, 8-20-85, Cl. 524-109.000.

Barlow, Anthony; and Marginger, Melvin F., to National Distillers and Chemical Corporation. Tree retardant additive composition for polymeric insulation. 4,543,381, 9-24-85, Cl. 524-188.000.

Barlow, Anthony: *See—*
  Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,512,920, Cl. 252-573.000.
  Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,514,535, Cl. 524-109.000.
  Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,514,536, Cl. 524-261.000.
  Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,548,865, Cl. 428-379.000.

Barlow, Craig B.: *See—*
  Yung, Kenneth K.; Barlow, Craig B.; and Glass, Joe R., 4,560,538, Cl. 423-3.000.

Barlow, George J.; Nibby, Chester M., Jr.; and Johnson, Robert B., to Honeywell Information Systems Inc. Pause apparatus for a memory controller with interleaved queuing apparatus. 4,558,429, 12-10-85, Cl. 364-900.000.

Barlow, Gordon A.; and Krutsch, John R., to Gordon Barlow Design. Educational toy with path creating tiles for a vehicle. 4,504,243, 3-12-85, Cl. 446-447.000.

Barlow, Jeffrey J.; and Smith, Leslie H., to Imperial Chemical Industries PLC. Alkanolamine derivatives. 4,550,111, 10-29-85, Cl. 514-255.000.

Barlow, Joel H.; and Michaels, Michael. Paint machine and method of operation. 4,556,586, 12-3-85, Cl. 427-282.000.

Barlow, John: *See—*
  Edwards, Michael F.; Barlow, John; Foreman, Frederick A.; and Williams, Gwynne, 4,538,860, Cl. 305-56.000.

Barlow, Peter L.; and Riches, Kenneth M., to Shell Oil Company. Process for the manufacture of a cutback of a mixture of bitumen and rubber. 4,503,176, 3-5-85, Cl. 524-62.000.

Barlow, Wayne K.: *See—*
  Webster, Henry L.; and Barlow, Wayne K., 4,542,751, Cl. 128-760.000.

Barmag Barmer Maschinenfabrik AG: *See—*
  Dammann, Peter; Lorenz, Hellmut; and Maier, Roland, 4,519,204, Cl. 57-340.000.
  Dammann, Peter, 4,549,395, Cl. 57-340.000.
  Gerhartz, Siegmar, 4,504,024, Cl. 242-18.100.
  Hertell, Siegfried; and Hager, Artur, 4,515,512, Cl. 418-1.000.
  Krenzer, Eberhard, 4,501,046, Cl. 19-0.350.
  Krenzer, Eberhard, 4,557,689, Cl. 432-59.000.
  Lenk, Erich, 4,493,628, Cl. 425-192.000.
  Oberstrass, Detlev, 4,545,192, Cl. 57-105.000.
  Oberstrass, Detlev, 4,559,775, Cl. 57-340.000.
  Post, Karl-Heinz; and Eich, Otwin, 4,535,966, Cl. 251-31.000.
  Runkel, Walter; Lenk, Erich; and Bauer, Karl, 4,529,378, Cl. 432-59.000.
  Runkel, Walter; Lenk, Erich; and Bauer, Karl, 4,560,347, Cl. 432-59.000.
  Schippers, Heinz; Lenk, Erich; Martens, Gerhard; Mayer, Manfred; Pieper, Werner; and Putsch, Siegfried, 4,504,021, Cl. 242-18.100.
  Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, 4,505,436, Cl. 242-43.00A.
  Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, 4,505,437, Cl. 242-43.00A.
  Schippers, Heinz, 4,519,203, Cl. 57-328.000.
  Schippers, Heinz; Hertell, Siegfried; and Eich, Otwin, 4,523,901, Cl. 417-395.000.
  Schippers, Heinz; and Munnekehoff, Gerd, 4,561,602, Cl. 242-35.50A.
  Schippers, Heinz; Lenk, Erich; Schiminski, Herbert; and Turk, Herbert, 4,561,603, Cl. 242-43.00A.
  Turk, Herbert; and Schiminski, Herbert, 4,561,244, Cl. 57-336.000.

Barman, David A. Spring-loaded snare. 4,506,472, 3-26-85, Cl. 43-87.000.

Barmatz, Martin B.; Allen, James L.; and Granett, Dan, to United States of America, National Aeronautics and Space Administration. Gravity enhanced acoustic levitation method and apparatus. 4,520,656, 6-4-85, Cl. 73-505.000.

Barmatz, Martin B.; Stoneburner, James D.; Jacobi, Nathan; and Wang, Taylor G., to United States of America, National Aeronautics and Space Administration. Acoustic particle separation. 4,523,682, 6-18-85, Cl. 209-638.000.

Barmatz, Martin B.; Granett, Dan; and Lee, Mark C., to United States of America, National Aeronautics and Space Administration. Vibrating-chamber levitation systems. 4,549,435, 10-29-85, Cl. 73-505.000.

Barme, Michel, to Institut Pasteur. Stabilizing agents for live viruses for preparing vaccines, and stabilized vaccines containing said stabilizing agents. 4,500,512, 2-19-85, Cl. 424-89.000.

Barna, Bruce A.: *See—*
  Lamparter, Richard A.; Barna, Bruce A.; and Johnsrud, David R., 4,542,239, Cl. 562-487.000.

Barna, Gordon L.; and Lippert, James W., to Kaiser Aluminum & Chemical Corporation. Heat exchange structure. 4,519,442, 5-28-85, Cl. 165-9.200.

Barnabeo, Austin E., to Union Carbide Corporation. Water curable, azide sulfonyl silane modified, alkylene-alkyl acrylate copolymers. 4,514,545, 4-30-85, Cl. 525-330.400.

Barnabeo, Austin E.; and Keogh, Michael J., to Union Carbide Corporation. Reactive organo titanate catalysts. 4,524,201, 6-18-85, Cl. 528-395.000.

Barnabeo, Austin E., to Union Carbide Corporation. Water curable, azide sulfonyl silane modified ethylene polymers. 4,551,504, 11-5-85, Cl. 525-333.900.

Barnaby, Harold T., to Core Laboratories, Inc. Nonsteady-state core holder. 4,537,063, 8-27-85, Cl. 73-38.000.

Barnaby, Harold T., to Core Laboratories, Inc. Driven-capillary viscosimeter. 4,539,837, 9-10-85, Cl. 73-55.000.

Barnard, James A.: *See—*
  Howe, Dennis G.; and Barnard, James A., 4,530,082, Cl. 369-112.000.

Barnard, John A.: *See—*
  Agnew, John B.; Barnard, John A.; and Tirtaatmadja, Viyada, 4,491,515, Cl. 208-180.000.

Barnard, Maxwell K. Inertial energy interchange system with energy makeup by combustion engine on demand. 4,495,451, 1-22-85, Cl. 318-150.000.

Barnard, Maxwell K.: *See—*
  Herbert, Frank P.; and Barnard, Maxwell K., 4,546,435, Cl. 364-300.000.

Barnard, Richard H.; and Stock, Terence P., to ITT Industries, Inc. Fluid flow measurement. 4,561,310, 12-31-85, Cl. 73-861.020.

Barnard, Royal W. Compact water purifying device. 4,540,489, 9-10-85, Cl. 210-287.000.

Barnard, Timothy J.: *See—*
  Nath, Prem; Barnard, Timothy J.; and Crea, Dominic, 4,507,181, Cl. 204-15.000.

Barnel, Pierre: *See—*
  Nebon, Jean-Pierre; Barnel, Pierre; Denis, Robert; and Bertrand, Claude, 4,549,242, Cl. 361-115.000.

Barner, Gregory P.; and Hancock, Drew S., to Siemens-Allis, Inc. Concealed-fastener panelboard front and clamping latches. 4,517,623, 5-14-85, Cl. 361-358.000.

Barner, Richard; and Hubscher, Josef, to Hoffmann-La Roche Inc. Intermediate in the production of vitamin E. 4,559,407, 12-17-85, Cl. 549-548.000.

Barner, Robert P., Jr.; and Durham, William M., to International Business Machines Corporation. Medium speed multiplex data. 4,507,779, 3-26-85, Cl. 370-100.000.

Barner, William H.: *See—*
Martin, Ernest N.; Barner, William H.; and Martin, Don M., 4,511,067, Cl. 222-230.000.

Barnert, Eike; and Schmitz, Heinz, to Kernforschungsanlage Julich GmbH. Fluidized bed furnace and method of emptying the same. 4,495,215, 1-22-85, Cl. 427-6.000.

Barnes, Albert L., to Eltech Systems Corporation. Metal borides, carbides, nitrides, silicides, oxide materials and their method of preparation. 4,528,119, 7-9-85, Cl. 252-503.000.

Barnes, Brian R.: *See—*
Tusinski, Joseph; Barnes, Brian R.; and Mathews, Herbert H., 4,561,213, Cl. 51-105.0LG.

Barnes, Casper W., to North American Philips Corporation. Ultrasound imaging with FM detection. 4,512,196, 4-23-85, Cl. 73-620.000.

Barnes, Casper W.; and Towfiq, Farhad, to North American Philips Corporation. Method and apparatus for remote tissue identification by statistical modeling and hypothesis testing of echo ultrasound signals. 4,542,744, 9-24-85, Cl. 128-660.000.

Barnes, Christopher S.; Moore, Paul A.; and White, Philip D., to U.S. Philips Corporation. High power acoustic wave arrangement with N^2 parallel-series connected acoustic wave devices. 4,494,031, 1-15-85, Cl. 310-313.00B.

Barnes, Clarence W., to Axonics, Inc. Fluorometer having an improved optical system. 4,536,655, 8-20-85, Cl. 250-461.100.

Barnes, David; and Bliss, Peter J., to Unisearch Limited. Method for the anaerobic degradation of organic material. 4,505,819, 3-19-85, Cl. 210-603.000.

Barnes, David I.: *See—*
Robinson, Joseph G.; and Barnes, David I., 4,526,767, Cl. 423-329.000.

Barnes Drill Co.: *See—*
Estabrook, Mark R., 4,528,776, Cl. 51-34.00C.

Barnes-Hind, Inc.: *See—*
Lim, Drahoslav; Kulkarni, Chidambar L.; and Repella, Dennis A., 4,536,554, Cl. 526-264.000.

Barnes, James K.: *See—*
Barnes, Joey L.; and Barnes, James K., 4,549,656, Cl. 206-589.000.

Barnes, James L.: *See—*
Studt, William L.; Dodson, Stuart A.; Zimmerman, Harry K.; and Barnes, James L., 4,544,670, Cl. 514-617.000.

Barnes, James M.: *See—*
Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., 4,517,141, Cl. 264-4.700.

Barnes, Joey L.; and Barnes, James K. Package device and method of manufacturing. 4,549,656, 10-29-85, Cl. 206-589.000.

Barnes, John F.: *See—*
Root, Jon C.; Barnes, John F.; and Coovert, Jack E., 4,514,312, Cl. 252-32.500.

Barnes, John M.; Haley, Robert G.; and Trepus, George E., Jr., to Boeing Company, The. Foam rigidizing process and products produced therewith. 4,548,861, 10-22-85, Cl. 428-322.700.

Barnes, Johnny G.; Hooten, John A.; Hurley, Patrick J.; and Miller, Ernest L., to International Business Machines Corporation. Printer sharing by plurality of display units in word processing system. 4,525,806, 6-25-85, Cl. 364-900.000.

Barnes, Lant I. Casting rod. 4,501,085, 2-26-85, Cl. 43-19.000.

Barnes, Lloyd L., Jr.: *See—*
Lawrence, John E.; and Barnes, Lloyd L., Jr., 4,528,063, Cl. 156-626.000.

Barnes, Marvin: *See—*
Hickling, Colin D.; and Barnes, Marvin, 4,495,481, Cl. 337-349.000.

Barnes, Michael F.: *See—*
Gillig, Steven F.; Fergus, George H.; and Barnes, Michael F., 4,550,426, Cl. 381-46.000.

Barnes, Michael W.; Kristofferson, Clifford E.; and Manzara, Anthony P., to Thiokol Corporation. Low vulnerability gun propellant. 4,506,069, 3-19-85, Cl. 528-232.000.

Barnes, Philip E., to United Technologies Corporation. Balanced output hydraulic actuator system. 4,531,448, 7-30-85, Cl. 91-384.000.

Barnes, Phillip E.: *See—*
Anderson, Clifford E.; Simon, Clarence E.; and Barnes, Phillip E., 4,555,084, Cl. 248-460.000.

Barnes, Pierre D.; and Marts, Maynard W., to Cessna Aircraft Company, The. Proportional solenoid valve. 4,524,947, 6-25-85, Cl. 251-129.000.

Barnes, Ramon M.; and Fodor, Peter, to Allied Corporation. Spectrochemical analysis. 4,556,318, 12-3-85, Cl. 356-316.000.

Barnes, Richard A., to General Electric Company. Integrated circuit board system and an integrated circuit board assembly for application thereto. 4,504,821, 3-12-85, Cl. 340-146.200.

Barnes, Robert A.: *See—*
Frantz, Keith R.; Barnes, Robert A.; and Marks, Bruce G., 4,535,270, Cl. 315-8.000.

Barnes, Robert S.: *See—*
Campbell, James R., 4,551,604, Cl. 219-78.120.

Barnes, Ronald A. Seed treater and conveying apparatus. 4,503,803, 3-12-85, Cl. 118-303.000.

Barnes, Ronald L., to Anderson, Albert L. Reel drive mechanism. 4,542,861, 9-24-85, Cl. 242-86.50R.

Barnes, Ronald L.: *See—*
Kruse, Richard M.; Moffett, David J.; Patel, Madhu C.; and Barnes, Ronald L., 4,536,648, Cl. 235-454.000.

Barnes, Stephen R.; Tarbox, Gary L.; Huntsman, Lee L.; and McLaren, Barry D., to Lawrence Medical Systems, Inc. Method and system for non-invasive ultrasound Doppler cardiac output measurement. 4,509,526, 4-9-85, Cl. 128-663.000.

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Barnett, Joe R., to Thermo King Corporation. Transport refrigeration system with top freezing avoidance. 4,519,215, 5-28-85, Cl. 62-158.000.

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Lau, Yue-Ying; Chu, Kwo R.; Granatstein, Victor L.; and Barnett, Larry R., 4,533,875, Cl. 330-4.000.
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Tank, Gene F.; Dawson, Samuel O.; and Barnett, Phillip R., 4,498,913, Cl. 55-356.000.

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Barnette, Luverne H.; and Liang, Charles C., to Duracell Inc. Solid state cell with anolyte. 4,525,440, 6-25-85, Cl. 429-191.000.

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Childers, Roger K.; Buchanan, Kenneth L.; Barnette, Randall; and Buchanan, Delbert L., 4,506,685, Cl. 133-3.00A.

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Wagner, Eugene R.; Barney, Charlotte L.; and Matthews, Donald P., 4,533,677, Cl. 514-638.000.

Barnhart, Gerald K. Fish lure. 4,492,054, 1-8-85, Cl. 43-42.230.

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Barnich, Richard G.; Ferguson, Michael H.; and McGregor, Charles K., to Tel Data Group Limited Partnership. Telephone call accounting system. 4,525,601, 6-25-85, Cl. 179-7.0MM.

Barnicol-Ottler, Max; Loczenski, Martin; Mieschke, Norbert; Ott, Gerhard; Przybylski, Gerhard; and Weber, Dietmar, to Siemens Aktiengesellschaft. Flexible electric cable. 4,538,022, 8-27-85, Cl. 174-113.00R.

Barnie, James W.; and Rudko, Robert I., to Raytheon Company. Multiple pulse tea laser. 4,507,788, 3-26-85, Cl. 372-83.000.

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Heininger, Ammon N., Jr.; and Barnik, Edward A., 4,516,324, Cl. 30-377.000.

- Barnoin, Pierre; Mens, Jacques M. N.; and Merle, Gilbert, to Societe Nationale Industrielle et Aerospatiale. Structural supports and aircraft landing gears including such supports. 4,537,374, 8-27-85, Cl. 244-102.00R.
- Barnoin, Pierre: *See—*
  - Mens, Jacques M. N.; Barnoin, Pierre; and Martin, Michel J. L., 4,558,837, Cl. 244-108.000.
- Barns, Robert L.; and Pearson, Arthur D., to AT&T Bell Laboratories. Optical fiber fabrication process. 4,526,599, 7-2-85, Cl. 65-3.120.
- Barnum, Charly, to Kesser Electronics International, Inc. Lighting control system and method. 4,551,654, 11-5-85, Cl. 315-159.000.
- Barnum, Dean C.: *See—*
  - Campbell, Frank L.; Barnum, Dean C.; and Corea, William C., 4,492,275, Cl. 175-46.000.
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  - Campbell, Frank L.; Barnum, Dean C.; and Corea, William C., 4,499,956, Cl. 175-46.000.
- Barnum, Thomas G.; and Pelt, Thomas E., to Bradley Corporation. Flood preventer for fluid filling systems. 4,498,203, 2-12-85, Cl. 4-427.000.
- Barnum, Thomas G.; Smart, William A., Jr.; and Mullett, Donald H., to Bradley Corporation. Flood level sensor for fluid filling systems. 4,538,307, 9-3-85, Cl. 4-427.000.
- Barnwell, John K. Syringe and accessory. 4,543,094, 9-24-85, Cl. 604-236.000.
- Barnwell, Richard; Bushnell, Dennis; Nagamatsu, Henry T.; Bahi, Lakhdar; and Ross, Janet, to Rensselaer Polytechnic Institute. Passive drag control of airfoils at transonic speeds. 4,522,360, 6-11-85, Cl. 244-204.000.
- Baron, Arthur L.; and Krishnan, Sivaram, to Mobay Chemical Corporation. Flame resistant sulfur-bearing copolycarbonate. 4,515,937, 5-7-85, Cl. 528-204.000.
- Baron, Burl E.: *See—*
  - Blackburn, Jan W.; and Baron, Burl E., 4,521,042, Cl. 285-334.000.
- Baron, Dieter, to INTERO-Stahl - und Maschinenbau Schmitz GmbH & Co. KG. Characters to a hot steel body. 4,538,546, 9-3-85, Cl. 118-697.000.
- Baron Enterprises Ltd.: *See—*
  - Baron, Michael, 4,557,285, Cl. 137-15.000.
- Baron, Francis; Flandrois, Serge; and Pacault, Adolphe, to Centre National de la Recherche Scientifique. Battery with graphite-manganese chloride insertion compound. 4,530,888, 7-23-85, Cl. 429-206.000.
- Baron, George B., to Dresser Industries, Inc. Crowd drive assembly for power shovels. 4,509,895, 4-9-85, Cl. 414-685.000.
- Baron, Joseph J., Jr.: *See—*
  - Sinker, Stephen M.; Baron, Joseph J., Jr.; Rupp, Raymond W.; Doerr, Marvin L.; and McChesney, Charles E., 4,554,328, Cl. 525-437.000.
- Baron, Kenneth: *See—*
  - Holstedt, Richard A.; Baron, Kenneth; and Jessup, Peter J., 4,511,516, Cl. 260-462.00R.
  - Simpson, Howard D.; Richardson, Ryden L.; and Baron, Kenneth, 4,500,424, Cl. 208-216.0PP.
- Baron, Kenneth S.: *See—*
  - Lee, Frank W. C.; and Baron, Kenneth S., 4,533,715, Cl. 528-45.000.
- Baron, Klaus U.: *See—*
  - Kranz, Jakob; Kaiser, Joachim; Wiegemann, Hans-Bertram; and Baron, Klaus U., 4,556,320, Cl. 356-350.000.
- Baron, Michael, to Baron Enterprises Ltd. Plugging a cut pipe for soldering a fitting. 4,557,285, 12-10-85, Cl. 137-15.000.
- Baron, Raphael: *See—*
  - Borodulin, German; Shkolnik, Alexander; and Baron, Raphael, 4,552,125, Cl. 126-437.000.
- Baron, Richard D., to Lykes Pasco Packing Company. Rotary filling and capping apparatus. 4,498,275, 2-12-85, Cl. 53-506.000.
- Baron, Tibor: *See—*
  - Fox, Clarence D.; and Baron, Tibor, 4,522,371, Cl. 251-139.000.
- Baron, Walter. Finger sucking preventive device. 4,506,663, 3-26-85, Cl. 128-133.000.
- Baron, Walter J., to Water Services of America, Inc. Four-way fluid flow diverter valve. 4,506,703, 3-26-85, Cl. 137-625.430.
- Baron, Walter J., to Water Services of America, Inc. Dash pot basket for heat exchanger tube cleaning element. 4,508,164, 4-2-85, Cl. 165-95.000.
- Baron, Walter J., to Water Services of America, Inc. Fluid flow diverter disc valve. 4,520,847, 6-4-85, Cl. 137-625.430.
- Baron, Walter J., to Water Services of America, Inc. Fluid flow diverter valve with improved flow-through construction. 4,543,996, 10-1-85, Cl. 137-625.430.
- Baron, Walter J., to Water Services of America, Inc. Heat exchanger tube cleaning element capturing device with hinged retainer. 4,544,026, 10-1-85, Cl. 165-95.000.
- Baron, Walter J.; and Cleaver, Laird C., to Water Services of America, Inc. Basket retainer for heat exchanger tube cleaning element. 4,552,207, 11-12-85, Cl. 165-95.000.
- Baron, Walter J., to Water Services of America, Inc. Alignment of basket retainer clips for heat exchanger tube cleaning elements. 4,561,495, 12-31-85, Cl. 165-95.000.
- Barone, Bruno J.: *See—*
  - Click, Gaylon T.; and Barone, Bruno J., 4,515,899, Cl. 502-35.000.
- Barone, Charles: *See—*
  - Hopmayer, Gary S.; and Barone, Charles, 4,493,018, Cl. 363-145.000.
- Barone, Domenico: *See—*
  - Winters, Giorgio; Sala, Alberto; and Barone, Domenico, 4,500,525, Cl. 514-210.000.
- Barone, John A. Methods for coating acoustical surfaces. 4,540,605, 9-10-85, Cl. 427-243.000.
- Barone, Sam A. Removable freeze plug. 4,494,670, 1-22-85, Cl. 220-235.000.
- Baroni, Bruno, to Sasib S.p.A. Control device for regulating the feeding of cut tobacco to a cigarette making machine. 4,513,755, 4-30-85, Cl. 131-84.00C.
- Baros, Bernard C.: *See—*
  - Parrott, Kenneth S.; Gillis, Wendell K.; and Baros, Bernard C., 4,548,509, Cl. 366-349.000.
- Barouk, Louis S.; and Mayzaud, Maurice P., to Etablissements Mayzaud Maurice, by said Maurice P. Mayzaud. Shoe, more especially for patients having undergone a surgical operation on the fore-foot. 4,546,557, 10-15-85, Cl. 36-110.000.
- Barozzi, Gian P.; and Horeschi, Giancarlo, to Tokyo Juki Industrial Co., Ltd. Feed roller device of typewriter. 4,527,922, 7-9-85, Cl. 400-637.500.
- Barozzi, Gian P.: *See—*
  - Horeschi, Giancarlo; and Barozzi, Gian P., 4,552,474, Cl. 400-310.000.
- Barr, Charles A.; Van Allen, David E.; and Zanardelli, John K., to Polaroid Corporation. Handheld viewer for transparency film. 4,491,434, 1-1-85, Cl. 40-362.000.
- Barr, Colin, to Burroughs Corporation. Electro-optical imaging system. 4,516,032, 5-7-85, Cl. 250-578.000.
- Barr, Dallas N.: *See—*
  - Nettleton, John E.; and Barr, Dallas N., 4,507,790, Cl. 372-100.000.
- Barr, Gaitskill S., to Expert Automation, Inc. Transfer drive apparatus. 4,528,860, 7-16-85, Cl. 74-52.000.
- Barr, John A.: *See—*
  - Thomas, Gerald S.; Punshon, John; and Barr, John A., 4,531,496, Cl. 123-495.000.
- Barr, John D.; and Fuller, John M., to NL Industries, Inc. Drill bit. 4,505,342, 3-19-85, Cl. 175-329.000.
- Barr, John D., to NL Industries, Inc. Drag bit and cutters. 4,558,753, 12-17-85, Cl. 175-329.000.
- Barr, Kenneth J.: *See—*
  - McCullough, John G.; and Barr, Kenneth J., 4,502,979, Cl. 252-389.00R.
- Barr, Michael E., to Deere & Company. Control spool valve. 4,531,546, 7-30-85, Cl. 137-625.690.
- Barr, Robert A. Positive displacement pump assembly. 4,519,712, 5-28-85, Cl. 366-77.000.
- Barr, Robert A. Extruder screw and positive displacement wave pump assembly. 4,558,954, 12-17-85, Cl. 366-90.000.
- Barr, Robert A. Wave pump assembly. 4,558,991, 12-17-85, Cl. 417-199.00R.
- Barr, Robert M. S.: *See—*
  - Reed, Leonard W.; Barr, Robert M. S.; and Dick, David A., 4,547,416, Cl. 428-36.000.
- Barr, Rodney E.; and Kochanek, George E., to Borg-Warner Corporation. Housing for capacitive pressure sensor. 4,507,973, 4-2-85, Cl. 73-724.000.
- Barr & Stroud Limited: *See—*
  - Craig, Robert L.; Hunter, Iain; and Packard, Paul D., 4,561,063, Cl. 364-559.000.
  - Hamilton, James G., 4,519,673, Cl. 350-96.320.
  - Lidwell, Michael O., 4,494,819, Cl. 350-1.400.
  - Neil, Iain A., 4,505,535, Cl. 350-1.300.
  - Neil, Iain A., 4,558,222, Cl. 250-353.000.
  - Smith, Gordon R.; Stewart, John H.; and Bagnall-Wild, Ralph H., 4,494,198, Cl. 364-423.000.
- Barr, William A. Parking brake safety mechanism for automatic transmissions. 4,509,624, 4-9-85, Cl. 192-4.00A.
- Barr, William A. Safety parking brake for automatic transmissions. 4,518,066, 5-21-85, Cl. 192-4.00C.
- Barr, William A. Fifth wheel coupler. 4,549,745, 10-29-85, Cl. 280-434.000.
- Barraclough, Paul: *See—*
  - Harris, Clifford J.; and Barraclough, Paul, 4,537,972, Cl. 548-302.000.
- Barras, Francois: *See—*
  - Ducournau, Alain; and Barras, Francois, 4,527,476, Cl. 101-352.000.
- Barrash, Marshall J., to Coca-Cola Company, The. Multi-container package with optional cover and method for making the same. 4,523,676, 6-18-85, Cl. 206-150.000.
- Barrat, Christian R.: *See—*
  - Wevers, Jean; Ernst, Hubert; Cassidy, Stephen; and Barrat, Christian R., 4,548,757, Cl. 260-502.50E.
- Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, to Lever Brothers Company. Skin treatment composition. 4,507,319, 3-26-85, Cl. 514-546.000.
- Barratt, Stuart; and Lumb, Anthony P., to General Electric Company, p.l.c., The. Plural data processor groups controlling a telecommunications exchange. 4,493,030, 1-8-85, Cl. 364-200.000.
- Barraud, Andre ; and Leloup, Jean, to Commissariat a l'Energie Atomique. Process and apparatus for producing alternate monomolecular layers. 4,511,604, 4-16-85, Cl. 427-402.000.
- Barre, Claude, to Siemens Aktiengesellschaft. Programmable logic array in ECL technology. 4,506,363, 3-19-85, Cl. 371-15.000.
- Barre, Claude, to Siemens Aktiengesellschaft. Circuit arrangement constructed in ECL circuitry. 4,513,210, 4-23-85, Cl. 307-455.000.

Barre, Claude, to Siemens Aktiengesellschaft. ECL Gate having emitter bias current switched by input signal. 4,517,476, 5-14-85, Cl. 307-455.000.

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Barre, Claude, to Siemens Aktiengesellschaft. Integrated logic element in E^{2}CL technology. 4,546,271, 10-8-85, Cl. 307-443.000.

Barre, Guy: *See—*

Lambert, Jean C.; Barre, Guy; Dejaifve, Pierre E.; and Bidan, Gerard, 4,554,292, Cl. 518-728.000.

Barreca, John R. Peristaltic pump. 4,545,745, 10-8-85, Cl. 417-477.000.

Barrell, Kenneth: *See—*

Carter, Moira A.; and Barrell, Kenneth, 4,562,215, Cl. 523-220.000.

Barrera, Giorgio. Apparatus for forming stator coils of dynamo electric machines. 4,512,376, 4-23-85, Cl. 140-92.100.

Barrera, Giorgio, to Officine Meccaniche Pavesi & C. S.p.A. Pre-wound coils inserting device for use in the manufacture of dynamo-electric machines. 4,521,958, 6-11-85, Cl. 29-734.000.

Barrera, Giorgio, to Officine Meccaniche Pavesi & C. S.p.A. Method and device for forming the rotor winding coils of a dynamoelectric machine. 4,541,170, 9-17-85, Cl. 29-597.000.

Barrera, Ralph E.: *See—*

Dessert, Robert A.; Gaspar, Richard A.; Laubach, Richard T.; Punater, Dinesh G.; and Barrera, Ralph E., 4,495,582, Cl. 364-469.000.

Barrera, Ricardo: *See—*

Riffel, Leonard F.; and Barrera, Ricardo, 4,556,046, Cl. 126-299.00D.

Barreras, Francisco J., to Cordis Corporation. P Wave detection system. 4,510,945, 4-16-85, Cl. 128-696.000.

Barreras, Francisco J.; and Baker, Ira R., to Cordis Corporation. Cardiac pacer with battery consumption monitor circuit. 4,556,061, 12-3-85, Cl. 128-419.0PT.

Barreras, Francisco J.; and Martucci, James P., to Cordis Corporation. Cardiac pacer having input/output circuit programmable for use with unipolar and bipolar pacer leads. 4,558,702, 12-17-85, Cl. 128-419.0PG.

Barrett, Antony G. M.: *See—*

Colle, Roberto; Gozzo, Franco; Preziuso, Ciro; Barrett, Antony G. M.; and Barton, Derek H. R., 4,529,437, Cl. 71-94.000.

Barrett, Christopher J.: *See—*

Moss, Anthony R. L.; and Barrett, Christopher J., 4,529,270, Cl. 350-315.000.

Barrett, Dave D., Jr. Insulating cementitious mixture and method of use. 4,541,870, 9-17-85, Cl. 106-96.000.

Barrett, Donald C.: *See—*

Ibanez, Paul; Stoessel, John; and Barrett, Donald C., 4,560,016, Cl. 177-210.00R.

Barrett, George M. Method and apparatus for extracting heat from a natural water source. 4,544,021, 10-1-85, Cl. 165-45.000.

Barrett, Harrison H., to United States of America, Health and Human Services. Modular scintillation camera. 4,514,632, 4-30-85, Cl. 250-368.000.

Barrett, Howard W.; and Fledderjohann, Paul F., to Goodyear Aerospace Corporation. Indirect cooling of electronic circuits. 4,536,824, 8-20-85, Cl. 361-384.000.

Barrett, John S.: *See—*

Nigol, Olaf; and Barrett, John S., 4,514,237, Cl. 148-142.000.

Barrett, L. Paul: *See—*

Keen, Harry J.; and Barrett, L. Paul, 4,549,439, Cl. 73-862.650.

Barrett, Lawrence G. Unitized floor panel and method of laying the same. 4,543,765, 10-1-85, Cl. 52-747.000.

Barrett, Mark D.: *See—*

Elmore, Carl L.; Poulin, Ted M.; and Barrett, Mark D., 4,519,446, Cl. 165-101.000.

Barrett, Michael E.; Koon, Randy G.; and Laughon, Thomas C., to Singer Company, The. Mounting for electronic circuit board in power hand tool. 4,510,404, 4-9-85, Cl. 310-50.000.

Barrett, Monroe C.: *See—*

Fachini, Robert M.; Orsborn, Jesse H.; and Barrett, Monroe C., 4,519,189, Cl. 56-16.600.

Fachini, Robert M.; Barrett, Monroe C.; and McClure, Maxwell D., III, 4,520,617, Cl. 56-16.600.

Barrett, Paul Q.: *See—*

Gorman, Anthony G.; Smith, Peter L.; and Barrett, Paul Q., 4,513,413, Cl. 370-30.000.

Barrett, Raymond L., Jr.; and Gross, Thomas A. O., to Sensormatic Electronics Corporation. Duplexer with sum and difference signal outputs. 4,519,066, 5-21-85, Cl. 370-24.000.

Barrett, Raymond L., Jr.: *See—*

Gross, Thomas A. O.; Barrett, Raymond L., Jr.; and Pfister, Henry F., 4,549,186, Cl. 343-748.000.

Barrett, Robert C.; Buscher, John H.; and Putnam, William M., to Eastman Machine Company. Apparatus for supporting and guiding machine for operating on sheet material such as cloth. 4,554,738, 11-26-85, Cl. 30-275.000.

Barrett, Ronald A., to Tektronix, Inc. Buffer amplifier. 4,495,471, 1-22-85, Cl. 330-151.000.

Barrett, Terence W., to United States of America, Navy. Method and apparatus for detecting singlet state resonance fluorescence. 4,555,177, 11-26-85, Cl. 356-318.000.

Barrett, Timothy M. Pistol magazine loading guide. 4,520,585, 6-4-85, Cl. 42-7.000.

Barri, Sami A. I.: *See—*

Ball, William J.; Barri, Sami A. I.; and Young, Dennis, 4,533,649, Cl. 502-71.000.

Barriac, Jacques, to Societe d'Applications Generales d'Electricite et de Mecanique Sagem. Gyrocompass for sea vehicles. 4,530,164, 7-23-85, Cl. 33-324.000.

Barriac, Jacques, to Societe d'Applications Generales d'Electricite et de Mecanique Sagem. Gyroscopic navigational installations. 4,530,237, 7-23-85, Cl. 73-178.00R.

Barrie, Andrew; and Freedman, Phillip A., to V.G. Isogas Limited. Automatic mass spectrometer inlet system. 4,495,414, 1-22-85, Cl. 250-288.000.

Barringer, Anthony R. Remote detection of hydrocarbon seeps. 4,517,458, 5-14-85, Cl. 250-253.000.

Barringer, Anthony R.: *See—*

Loveless, Arthur J.; and Barringer, Anthony R., 4,506,225, Cl. 324-334.000.

Barringer, Eric A.; and Eagar, Thomas W., to Massachusetts Institute of Technology. Non-hygroscopic welding flux binders. 4,512,822, 4-23-85, Cl. 148-24.000.

Barringer, Eric A.; Fegley, M. Bruce, Jr.; and Bowen, H. Kent, to Massachusetts Institute of Technology. Synthesis and processing of monosized oxide powders. 4,543,341, 9-24-85, Cl. 501-1.000.

Barringer, Eric A.; and Eagar, Thomas W., to Massachusetts Institute of Technology. Non-hygroscopic welding flux binders. 4,557,768, 12-10-85, Cl. 148-24.000.

Barringer Research Limited: *See—*

Loveless, Arthur J.; and Barringer, Anthony R., 4,506,225, Cl. 324-334.000.

Barrington, Burchus Q., to Halliburton Company. Downhole tester valve with resilient seals. 4,522,266, 6-11-85, Cl. 166-330.000.

Barrington, Claud C.: *See—*

Jennings, Charles E.; Barrington, Claud C.; Chen, Lien-Yan; Hopkins, Bob C.; McIntyre, John N.; and Regitz, Alfred P., 4,510,960, Cl. 137-75.000.

Barriquand: *See—*

Barriquand, B.; Villard, F.; Martin, M.; Tridon, M.; and Pignal, M., 4,545,135, Cl. 34-58.000.

Barriquand, Robert; Barriquand, Bernard; Durantet, Bernard; and Machabert, Bernard, 4,516,413, Cl. 68-5.00C.

Barriquand, B.; Villard, F.; Martin, M.; Tridon, M.; and Pignal, M., to Barriquand; and Robatel. Installations for spin-drying fibrous or porous materials. 4,545,135, 10-8-85, Cl. 34-58.000.

Barriquand, Bernard: *See—*

Barriquand, Robert; Barriquand, Bernard; Durantet, Bernard; and Machabert, Bernard, 4,516,413, Cl. 68-5.00C.

Barriquand, Robert; Barriquand, Bernard; Durantet, Bernard; and Machabert, Bernard, to Barriquand. Machines for the liquid or gaseous treatment of textile material or other fibrous or porous materials. 4,516,413, 5-14-85, Cl. 68-5.00C.

Barristo, Ltd.: *See—*

Bankier, Jack D.; and Gross, Dennis A., 4,497,694, Cl. 204-16.000.

Barritault, Denis: *See—*

Guedon born Saglier, Isabelle; Barritault, Denis; Courtois, Yves; Arruti, Cristina; and Prunieras, Michel, 4,533,635, Cl. 435-240.000.

Barrois, Claus D., to Koenig & Bauer Aktiengesellschaft. Inking unit. 4,519,312, 5-28-85, Cl. 101-349.000.

Barrois, Claus D., to Koenig & Bauer Aktiengesellschaft. Inking unit. 4,541,339, 9-17-85, Cl. 101-349.000.

Barrom, Donna L.: *See—*

Russ, Julio G.; and Barrom, Donna L., 4,537,766, Cl. 424-63.000.

Russ, Julio G.; and Barrom, Donna L., 4,545,983, Cl. 424-63.000.

Barron, Charles D.; and Kuus, Felix, to Smith International, Inc. Cablehead side entry sub. 4,524,834, 6-25-85, Cl. 166-385.000.

Barron, David J. Elevated court game apparatus. 4,556,218, 12-3-85, Cl. 273-30.000.

Barron, Earl L. Cable retention clip. 4,557,446, 12-10-85, Cl. 248-65.000.

Barron, Edward R.; and Lastnik, Abraham L., to Multi-Tech Corporation. Body armor. 4,530,111, 7-23-85, Cl. 2-2.500.

Barron, Kimball R.: *See—*

Claney, Robert L.; Walton, Herbert H.; Kehoe, Steven D.; and Barron, Kimball R., 4,554,943, Cl. 137-242.000.

Barron, Larry R.; and Wang, Pao-Chi, to B. F. Goodrich Company, The. Sealant and coating composition. 4,507,443, 3-26-85, Cl. 525-453.000.

Barron, Robert R.: *See—*

Miller, Coleman J.; and Barron, Robert R., 4,539,535, Cl. 333-164.000.

Barrow, Billy E.; Barrow, William E.; and Barrow, Michael A., to Barrow Systems, Inc. Bottling plant cooling systems. 4,507,931, 4-2-85, Cl. 62-175.000.

Barrow, Michael, to Burroughs Corporation. Printed circuit board maximizing areas for component utilization. 4,553,111, 11-12-85, Cl. 333-1.000.

Barrow, Michael, to Burroughs Corporation. Multilayered printed circuit board with controlled 100 ohm impedance. 4,560,962, 12-24-85, Cl. 333-1.000.

Barrow, Michael A.: *See—*

Barrow, Billy E.; Barrow, William E.; and Barrow, Michael A., 4,507,931, Cl. 62-175.000.

Barrow Systems, Inc.: *See—*

Barrow, Billy E.; Barrow, William E.; and Barrow, Michael A., 4,507,931, Cl. 62-175.000.

- Barrow, William E.: *See—*
  - Barrow, Billy E.; Barrow, William E.; and Barrow, Michael A., 4,507,931, Cl. 62-175.000.
- Barrows, Douglas P.: *See—*
  - Sutter, David L.; Furbish, Ivan J.; Ferguson, Roland C.; Berry, Richard L.; and Barrows, Douglas P., 4,490,949, Cl. 52-9.000.
- Barrows, Kenneth C.; and Divers, Raymond T., to Carrier Corporation. Connector block. 4,523,798, 6-18-85, Cl. 339-192.0RL.
- Barrows, Thomas H., to Minnesota Mining and Manufacturing Company. Process for preparing synthetic absorbable poly(esteramides). 4,529,792, 7-16-85, Cl. 528-291.000.
- Barrows, Thomas H., to Minnesota Mining and Manufacturing Company. Absorbable sutureless nerve repair device. 4,534,349, 8-13-85, Cl. 128-334.00R.
- Barrus, Gordon B.; Emenaker, Leo J., Radke, Glen R.; Farb, Norman E.; and Holzer, Gerold, to Printronix, Inc. Printer shuttle drive having castered cam followers. 4,498,793, 2-12-85, Cl. 400-320.000.
- Barry, Brian; and Freeman, Christopher, to Rolls-Royce Limited. Aerodynamic damping of vibrations in rotor blades. 4,531,362, 7-30-85, Cl. 60-226.100.
- Barry, Carol M. F.: *See—*
  - Kuehnle, Manfred R.; Martinez, Ferdinand; Runyan, I. V.; and Barry, Carol M. F., 4,510,223, Cl. 430-44.000.
- Barry, David J. Hollow core door and method for making. 4,513,553, 4-30-85, Cl. 52-456.000.
- Barry, Edward R. Lightweight body respirator having flexible walls. 4,523,579, 6-18-85, Cl. 128-30.200.
- Barry, Eugene F.: *See—*
  - Hubball, John A.; and Barry, Eugene F., 4,509,964, Cl. 55-386.000.
- Barry, George W. J.: *See—*
  - O'Dowd, Dennis H.; and Barry, George W. J., 4,555,347, Cl. 210-752.000.
- Barry, Judith A. Automatic depth-determining aquatic sampling device. 4,554,826, 11-26-85, Cl. 73-170.00A.
- Barry, Jurgen: *See—*
  - Pross, Wilhelm; Barry, Jurgen; Muhlbock, Franz; and Hartmann, Klaus, 4,492,462, Cl. 356-39.000.
- Barry, Kevin M. Positioning system for embroidery hoop. 4,545,127, 10-8-85, Cl. 33-180.00R.
- Barry, Leonard D. Rotary loader and side-coupling transfer system. 4,519,737, 5-28-85, Cl. 414-337.000.
- Barry, Robert C.: *See—*
  - Harvey, Barry; and Barry, Robert C., 4,523,182, Cl. 340-347.0DA.
- Barry, Robert F.; Delzell, Susan C.; Wilson, John F.; and Nylund, Theodore W., to Westinghouse Electric Corp. Nuclear fuel assembly. 4,560,532, 12-24-85, Cl. 376-434.000.
- Barry, Terrence J. Headache relief method. 4,509,521, 4-9-85, Cl. 128-421.000.
- Barry Wright Corporation: *See—*
  - Cholakis, Peter N., 4,512,720, Cl. 416-241.00A.
  - Peretti, Mark F., 4,518,368, Cl. 464-70.000.
  - Peterson, Robert R.; Schubert, Dale W.; and Cholakis, Peter N., 4,492,949, Cl. 338-114.000.
  - Peterson, Robert R., 4,505,688, Cl. 464-111.000.
  - Roake, Joseph C., 4,506,439, Cl. 29-747.000.
- Barsa, Edward A., to Upjohn Company, The. Product and process trimerization of organic isocyanates. 4,540,781, 9-10-85, Cl. 544-193.000.
- Barsacq, Gabriel, to S.A.R.L. Aspiramatic. Centralized suction cleaning installations. 4,553,991, 11-19-85, Cl. 55-218.000.
- Barsi, Endre: *See—*
  - Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 4,510,642, Cl. 15-231.000.
- Barsness, Gerald H.; and Kleine, Richard A. Wood and coal burning stove. 4,556,044, 12-3-85, Cl. 126-77.000.
- Barson, Craig; and Denny, Thomas, to Johnson & Johnson Products, Inc. Knitted surgical swabs. 4,540,398, 9-10-85, Cl. 604-1.000.
- Barsotti, Rudolf H.; and Grove, Arthur W., to International Business Machines Corporation. Differential sensor measuring apparatus and method including sensor compensator circuitry. 4,509,007, 4-2-85, Cl. 324-60.00C.
- Barsteika, Paul V.: *See—*
  - Lindahl, Herbert S.; Barsteika, Paul V.; and Werner, Daniel P., 4,551,989, Cl. 62-468.000.
- Barsukov, Anatoly V.: *See—*
  - Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.
- Barszczewski, Andrzej, to Canadian Patents & Development Limited. Fast frequency measuring system. 4,494,067, 1-15-85, Cl. 324-79.00D.
- Bart, Edward F.; Chu, Arthur S.; and Cook, George R., to Allied Corporation. Tar fraction for driveway sealers using oxidized coal tar distillate. 4,537,635, 8-27-85, Cl. 106-277.000.
- Bart, Gordon B.; Hiemstra, Carol L.; and Tyo, James H., to Camp International, Inc. Gravity lumbar reduction maintenance apparatus. 4,534,341, 8-13-85, Cl. 128-75.000.
- Bart, Hans-Jorg: *See—*
  - Marr, Rolf; Bart, Hans-Jorg; and Wachter, Reinhard, 4,503,015, Cl. 423-24.000.
- Bart, Hansueli, to Colt Industries Operating Corp. Apparatus for heating the fuel-air mixture being supplied by a fuel metering system for use in a fuel injection type combustion engine. 4,528,967, 7-16-85, Cl. 123-549.000.
- Barta, Frank E. Method of making a dairy-based food product. 4,497,834, 2-5-85, Cl. 426-42.000.
- Barta, Gyorgy: *See—*
  - Hegedus, Bela; Balint, Sandor; Hudak, Janos; Barta, Gyorgy; and Aszlanyi, Jozsef, 4,555,858, Cl. 34-25.000.
- Barta, Laszlo: *See—*
  - Sajo, Istvan; Vamos, Gyorgy; Urmossy, Miklos; Sipos nee Kaveczka, Barbara; Zemplen nee Papp, Eva; Borsovszky, Eva; and Barta, Laszlo, 4,491,633, Cl. 436-147.000.
- Barta nee Szalai, Gizella: *See—*
  - Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.
- Bartashevich, Svyatoslav A.: *See—*
  - Stepanenko, Alexandr V.; Voitov, Vladimir G.; Klimenkov, Stepan S.; Bartashevich, Svyatoslav A.; and Karpitsky, Viktor S., 4,545,229, Cl. 72-73.000.
- Bartch, Donald W.: *See—*
  - Deal, Samuel B.; and Bartch, Donald W., 4,560,581, Cl. 427-64.000.
- Bartee, Gary E.: *See—*
  - Hoyt, Robert M.; Bobbitt, Donald E.; Bartee, Gary E.; Garton, Stanley C.; and Pilliard, J. Paul, 4,499,698, Cl. 52-157.000.
- Barteldes, W. Christopher: *See—*
  - Nall, Kent J.; Barteldes, W. Christopher; Payne, David W.; Rome, Charles P.; and Abrams, Wayne A., 4,552,120, Cl. 124-1.000.
- Bartelink, Dirk J. Three-electrode MOS electron device. 4,510,516, 4-9-85, Cl. 357-23.100.
- Bartelink, Dirk J.: *See—*
  - Biegelsen, David K.; and Bartelink, Dirk J., 4,542,397, Cl. 357-32.000.
- Bartell, Frederick O. Blackbody simulator with uniform emissivity. 4,514,639, 4-30-85, Cl. 250-493.100.
- Bartell, Robert J., to Universal Electric Company. Electric motor. 4,529,901, 7-16-85, Cl. 310-90.000.
- Bartell, Robert J.: *See—*
  - Colwell, Robert; and Bartell, Robert J., 4,505,031, Cl. 29-596.000.
- Bartelloni, Rene , to Papeteries de Jeand'heurs. Latex containing papers. 4,510,019, 4-9-85, Cl. 162-141.000.
- Bartelme, Michael J., III: *See—*
  - Ciuba, Stanley J.; and Bartelme, Michael J., III, 4,495,225, Cl. 427-236.000.
- Bartels, James I., to Honeywell Inc. Fuel burner control system with low fire hole. 4,513,909, 4-30-85, Cl. 236-26.00R.
- Bartels, James I., to Honeywell Inc. Adaptive low fire hold control system. 4,513,910, 4-30-85, Cl. 236-26.00R.
- Bartels, James I., to Honeywell Inc. Reliable field-effect transistor timer circuit. 4,521,705, 6-4-85, Cl. 307-605.000.
- Bartels-Keith, James R.; Boggs, Roger A.; Puttick, Anthony J.; and Sofen, Nancy M., to Polaroid Corporation. Photographic products and processes and novel compounds. 4,503,139, 3-5-85, Cl. 430-219.000.
- Bartels-Keith, James R.; and Puttick, Anthony J., to Polaroid Corporation. Uracil derivatives of thio- and selenourea compounds. 4,526,965, 7-2-85, Cl. 544-311.000.
- Bartels, Willi. Nutcracker. 4,554,737, 11-26-85, Cl. 30-120.300.
- Bartels, Wolfgang, to Rheinmetall GmbH. Barrel mount for cannon. 4,531,447, 7-30-85, Cl. 89-37.700.
- Bartelsen, Lutz; and Neuendorf, Hans-Cristoph, to Flachglas Aktiengesellschaft. Electric self-defrosting windshield heating arrangement providing fast or slow heat. 4,513,196, 4-23-85, Cl. 219-203.000.
- Bartelsson, Nils: *See—*
  - Andersson, Kurt; Bartelsson, Nils; and Bondesson, Stig, 4,546,940, Cl. 244-3.290.
- Barten, Axel: *See—*
  - Stahl, Werner; and Barten, Axel, 4,553,460, Cl. 83-113.000.
- Bartenbach, Christian. Protection device against solar light. 4,517,960, 5-21-85, Cl. 126-440.000.
- Bartenbach, Christian. Window having sunshade prismatic bars. 4,522,467, 6-11-85, Cl. 350-263.000.
- Bartenbach, Christian. Nonglare light fixtures for a rod-shaped light source. 4,539,628, 9-3-85, Cl. 362-217.000.
- Barter, LeRoy D., to Beckman Instruments, Inc. Device for starting and operating gas discharge tubes. 4,511,195, 4-16-85, Cl. 315-308.000.
- Bartesaghi, Angelo. Plane die-cutting machine. 4,516,457, 5-14-85, Cl. 83-646.000.
- Bartesch, Helmut; and Florin, Gerd, to Escher Wyss Limited. Method for treating soybeans. 4,556,573, 12-3-85, Cl. 426-467.000.
- Bartfield, William, to Prize Frize, Inc. Apparatus and method for dispensing individual orders of a hot food product and components usable therewith. 4,540,588, 9-10-85, Cl. 426-231.000.
- Barth, Bruce P.; and Mallon, Charles B., to Union Carbide Corporation. Coating composition containing polymeric surfactant. 4,558,095, 12-10-85, Cl. 525-57.000.
- Barth, Edward G.; Braude, Ruvim; and Kay, Nicholas W., to Burroughs Corporation. Conductor composition and devices using it. 4,496,875, 1-29-85, Cl. 313-632.000.
- Barth, Edward G.; Braude, Ruvim; and Kay, Nicholas W., to Burroughs Corporation. Dielectric composition and devices using it. 4,547,467, 10-15-85, Cl. 501-20.000.
- Barth, Frederic. Dental hygiene apparatus having a plurality of rotating brushes. 4,538,315, 9-3-85, Cl. 15-23.000.
- Barth, Gerald D., to Illinois Tool Works Inc. Sheet metal screw. 4,516,893, 5-14-85, Cl. 411-184.000.
- Barth, Gerald D., to Illinois Tool Works Inc. Rotary fastener. 4,518,294, 5-21-85, Cl. 411-188.000.

Barth, Gerald D., to Illinois Tool Works Inc. Asymetrically shaped thread forming screw and method of making same. 4,534,690, 8-13-85, Cl. 411-386.000.

Barth, Gerhard: *See—*
Schneider, Manfred; Barth, Gerhard; Barth, Johannes; and Neubert, Wolfgang, 4,553,288, Cl. 19-113.000.

Barth, Hans; and Prokopp, Manfred, to Riba-Pruftechnik GmbH. Testing arrangement for printed circuit boards. 4,551,673, 11-5-85, Cl. 324-158.00F.

Barth, Hans: *See—*
Humble, David R.; and Barth, Hans, 4,516,873, Cl. 403-191.000.

Barth, Hubert; Hartenstein, Johannes; Satzinger, Gerhard; Fritschi, Edgar; Ganser, Volker; Tauschel, Horst-Dietmar; and Wolf, Gunter, to Warner-Lambert Company. 2-Alkylthio-1-aminoalkyl-2-pyrroline-3-carbonitriles, compositions and use. 4,499,089, 2-12-85, Cl. 514-222.000.

Barth, Hubert; Fritschi, Edgar; Ganser, Volker; Hartenstein, Johannes; Herrmann, Manfred; and Satzinger, Gerhard, to Warner-Lambert Company. 2-Pyrrolin-3-carbonitrile derivatives, and pharmaceutical compositions containing them and their anti-inflammatory and ulcer protective activity. 4,517,185, 5-14-85, Cl. 514-232.000.

Barth, Johannes: *See—*
Schneider, Manfred; Barth, Gerhard; Barth, Johannes; and Neubert, Wolfgang, 4,553,288, Cl. 19-113.000.

Barth, Merlyn; and Kosednar, Joseph, to Interface Control Systems, Inc. Jackpot-resistant magnetic card encoding. 4,562,490, 12-31-85, Cl. 360-44.000.

Barth, Peter, to Lohmann GmbH & Co. KG. Process for the removal of impurities from a gas stream containing solvent vapors. 4,494,967, 1-22-85, Cl. 55-74.000.

Barth, Peter: *See—*
Cioca, Gheorghe; Feeley, George F.; Brabson, Joseph B.; and Barth, Peter, 4,497,862, Cl. 428-220.000.

Barth, Phillip W., to Leland Stanford Junior University, The Board of Trustees of the. Semiconductor device having improved lead attachment. 4,516,148, 5-7-85, Cl. 357-68.000.

Barth, Phillip W., to Leland Stanford Junior University, The Board of Trustees of the. Integral fluid filter and capillary. 4,537,680, 8-27-85, Cl. 210-316.000.

Barth, Rudolf: *See—*
Guilino, Gunther; Barth, Rudolf; and Koppen, Werner, 4,504,128, Cl. 351-167.000.

Barth, Stanley D.: *See—*
Meyer, John J.; and Barth, Stanley D., 4,535,214, Cl. 219-60.200.

Barth, Tomislav: *See—*
Simek, Petr; Barth, Tomislav; Brtnik, Frantisek; Jost, Karel; Machova, Alena; Servitova, Linda; and Slantinova, Jirina, 4,508,645, Cl. 260-112.50R.

Barth, Walter; and Kremser, Harald H., to Bleistiftmaschinenfabrik Dipl. Ing. Karl Zuber GmbH & Co. KG. Apparatus for securing parts on elongated writing instruments, in particular for securing an eraser for a sheath receiving it on a pencil. 4,509,245, 4-9-85, Cl. 29-525.000.

Barth, Walter: *See—*
Kremser, Harald H.; and Barth, Walter, 4,520,548, Cl. 29-517.000.

Barth, Wayne E., to Pfizer Inc. Process for 6-(aminomethyl)penicillanic acid 1,1-dioxide and derivatives thereof. 4,502,990, 3-5-85, Cl. 260-245.20R.

Barth, Wayne E., to Pfizer Inc. 6-(Aminoacyloxymethyl)penicillanic acid 1,1-dioxides as beta-lactamase inhibitors. 4,503,040, 3-5-85, Cl. 424-114.000.

Barth, Wayne E., to Pfizer Inc. 6-(Aminomethyl)penicillanic acid 1,1-dioxide esters and intermediates therefor. 4,536,393, 8-20-85, Cl. 424-114.000.

Barthel, Alfred: *See—*
Young, John K.; and Barthel, Alfred, 4,495,775, Cl. 62-48.000.

Barthel, Jan; and Bublitz, Hermann R., to International Business Machines Corporation. Microprocessor-controlled adapter circuit for real-time controls, in particular for print hammer controls. 4,495,597, 1-22-85, Cl. 364-900.000.

Barthel, Pierre, to Freyssinet International (STUP). Elongated elements of pre-stressed concrete, adapted to be assembled end to end. 4,504,174, 3-12-85, Cl. 405-252.000.

Barthel, Richard C.; and Roy, Richard D., to Singer Company, The. Appliance controller. 4,521,722, 6-4-85, Cl. 318-578.000.

Barthelat, Rene ; and Dore, Alain, to Societe d'Applications Generales d'Electricite et de Mecanique Sagem. Sighting heads for periscope installations, particularly for submarines. 4,491,397, 1-1-85, Cl. 350-500.000.

Barthell, Barry L.: *See—*
Duchane, David V.; and Barthell, Barry L., 4,555,313, Cl. 204-3.000.

Barthell, Eduard: *See—*
Goossens, Bernhard; Kuster, Erich; Dahmen, Kurt; and Barthell, Eduard, 4,528,350, Cl. 526-307.000.

Barthelmes, Karlheinz: *See—*
Zurinski, Viktor; Lucic, Ivan; and Barthelmes, Karlheinz, 4,542,747, Cl. 128-660.000.

Barthelmes, Norbert: *See—*
Hahn, Alfred; Rauch, Werner; and Barthelmes, Norbert, 4,542,521, Cl. 378-155.000.

Barthels, Manfred: *See—*
Gehrig, Manfred; Barthels, Manfred; and Wienges, Hans, 4,506,072, Cl. 544-274.000.

Barthez, Roland; Boissonnet, Francisque; and Bogo, Rene, to Compagnie Francaise de Raffinage. Bidirectional thermal syphon valve, installation for the production and storage of heat or cold comprising such a thermal syphon valve, and various uses. 4,531,510, 7-30-85, Cl. 126-419.000.

Bartho, Istvan: *See—*
Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.

Barthold, Klaus: *See—*
Baur, Richard; Oppenlander, Knut; Strickler, Rainer; and Barthold, Klaus, 4,546,151, Cl. 525-430.000.
Oppenlaender, Knut; Stork, Karl; and Barthold, Klaus, 4,517,114, Cl. 252-389.00R.

Bartholdson, Lennart O., to Polar-Plastik HB. Implantable breast prostheses. 4,507,810, 4-2-85, Cl. 3-36.000.

Bartholet, Stephen J., to Odetics, Inc. Vertical actuator mechanism for the legs of a walking machine. 4,502,556, 3-5-85, Cl. 180-8.600.

Bartholet, Stephen J.; and Sivaslian, Armen H., to Odetics, Inc. Horizontal actuator mechanism for the legs of a walking machine. 4,503,924, 3-12-85, Cl. 180-8.600.

Bartholet, Stephen J., to Odetics, Inc. Leg mechanism for walking machine. 4,511,011, 4-16-85, Cl. 180-8.600.

Bartholet, Stephen J., to Odetics, Inc. Walking machine. 4,527,650, 7-9-85, Cl. 180-8.600.

Bartholmei, Peter: *See—*
Hoheisel, Peter; and Bartholmei, Peter, 4,550,833, Cl. 206-527.000.

Bartholomaus, Reiner, to Mannesmann Rexroth GmbH. Pressure reducing valve. 4,491,153, 1-1-85, Cl. 137-625.650.

Bartholomaus, Reiner; and Gibas, Christoph, to Mannesmann Rexroth GmbH. Solenoid having low-friction coating internally of the armature sleeve. 4,518,938, 5-21-85, Cl. 335-262.000.

Bartholomaus, Reiner; and Rivolier, Michel, to Mannesmann Rexroth GmbH. Device for the actuation of a slide valve. 4,519,573, 5-28-85, Cl. 251-30.000.

Bartholomew, Bruce J., to General Dynamics Corporation/Convair Div. System and method for time sharing laser system which also generates a local oscillator signal. 4,504,122, 3-12-85, Cl. 350-388.000.

Bartholomew, Donald D., to Proprietary Technology, Inc. Manually releasable drainport closure apparatus. 4,508,234, 4-2-85, Cl. 215-206.000.

Bartholomew, Donald D., to Proprietary Technology, Inc. Swivelable quick connector assembly. 4,524,995, 6-25-85, Cl. 285-54.000.

Bartholomew, Donald D., to Proprietary Technology, Inc. Swivelable quick connector assembly. 4,526,411, 7-2-85, Cl. 285-305.000.

Bartholomew, Donald D., to Proprietary Technology, Inc. Swivelable quick connector assembly. 4,541,658, 9-17-85, Cl. 285-319.000.

Bartholomew, Richard P. Saddle rack. 4,541,535, 9-17-85, Cl. 211-96.000.

Bartholomew, Roy E., to Allied Corporation. Electro-pneumatic control for a vehicle fluid pressure braking system. 4,550,953, 11-5-85, Cl. 303-15.000.

Barthomeuf, Denise M.; and Rosenfeld, Daniel D., to Exxon Research & Engineering Co. Process for the separation of C_9 aromatic isomers. 4,554,398, 11-19-85, Cl. 585-828.000.

Bartkowski, Charles: *See—*
Hart, Richard A.; and Bartkowski, Charles, 4,539,685, Cl. 372-25.000.

Bartl, Herbert; Alberts, Heinrich; and Schuster, Klaus, to Bayer Aktiengesellschaft. Process for the production of anhydride-group- or carboxyl-group-containing graft copolymers of polysaccharide esters. 4,501,871, 2-26-85, Cl. 527-313.000.

Bartl, Herbert: *See—*
Waniczek, Helmut; Lindner, Christian; Suling, Carlhans; Bartl, Herbert; and Uerdingen, Walter, 4,506,045, Cl. 524-31.000.
Waniczek, Helmut; Bartl, Herbert; Hohmann, Gerhard; and Mott, Ludwig, 4,522,965, Cl. 524-109.000.

Bartl, Knut: *See—*
Ziegenhorn, Joachim; Roder, Albert; Bartl, Knut; and Wehmeyer, Gunter, 4,544,630, Cl. 435-11.000.

Bartlett, Allen J., to Helix Technology Corporation. Cryopump with improved second stage array. 4,555,907, 12-3-85, Cl. 62-55.500.

Bartlett, Donald S.; Boback, John A.; and Powell, Thomas M., to GMFanuc Robotics Corporation. Opener apparatus and system utilizing same. 4,556,361, 12-3-85, Cl. 414-744.00A.

Bartlett, Gary F.; and Olsen, Robert W., to Construction Specialties, Inc. Panel wall system. 4,506,484, 3-26-85, Cl. 52-476.000.

Bartlett, Geoffrey M.; Hofmeister, James P.; and Pring, Edward J., to International Business Machines Corporation. Formatting text/-graphics using plural independent formatting mechanisms. 4,539,653, 9-3-85, Cl. 364-900.000.

Bartlett, James V. Biohazard waste container. 4,534,489, 8-13-85, Cl. 220-404.000.

Bartlett, John C.; Bohnhoff, Alan E.; Croley, Donald F.; Dyer, Stanley; Edds, Kenneth E.; Horlander, Frank J.; and Stafford, Donald W., to International Business Machines Corporation. Drive for thermal printing lift-off correction. 4,545,693, 10-8-85, Cl. 400-120.000.

Bartlett, Keith G.; and Caolo, Mary A., to Hewlett-Packard Company. Polymethyl methacrylate compatible silicon dioxide complexing agent. 4,508,591, 4-2-85, Cl. 156-659.100.

Bartlett, Peter G., to Automation Systems, Inc. Digital computer having analog signal circuitry. 4,499,549, 2-12-85, Cl. 364-601.000.

Bartlett, Philip L.; Daly, John J., Jr.; and Sterling, John D., Jr., to Du Pont de Nemours, E. I., and Company. Aerosol propellant compositions. 4,543,202, 9-24-85, Cl. 252-305.000.

Bartlett, Robert H. Autotransfusion system. 4,547,186, 10-15-85, Cl. 604-4.000.

Bartlett, Robert L.; and McKee, Robert N., to Shopsmith, Inc. Table assembly for a multipurpose tool. 4,510,980, 4-16-85, Cl. 144-1.00C.

Bartlett, Robert L.: *See—*

Legler, John G.; Bartlett, Robert L.; Haas, Charles J.; Woods, Garry W.; and Clark, John O., 4,548,246, Cl. 144-1.00C.

Bartlett, Robert W., to SRI International. Particulate silicon photovoltaic device and method of making. 4,514,580, 4-30-85, Cl. 136-250.000.

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Bartolomucci, Francesco: *See—*

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Barton, Delmar O.; and Simpson, Loran R., to Metromail Corporation. Phase controlled gripper operating system for collator. 4,511,130, 4-16-85, Cl. 270-54.000.

Barton, Derek H. R.; Motherwell, William B.; and Zard, Sammir Z., to Roussel Uclaf. 20-Isocyano-$\Delta^{17(20)}$-steroids. 4,501,701, 2-26-85, Cl. 260-397.400.

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Barton, Donald L., to Hewlett-Packard Company. Planarization of dielectric films on integrated circuits. 4,545,852, 10-8-85, Cl. 156-643.000.

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Bartsch, Erich O.; and Vollstedt, Gerald, to Deutsche Texaco Aktiengesellschaft. Method of loading and/or transferring environmentally harmful materials in shallow-water and mudland regions and artificial islands suitable therefor. 4,525,282, 6-25-85, Cl. 210-747.000.

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Bartz, Stephen A., to Lucht Engineering, Inc. Paper cutter. 4,506,824, 3-26-85, Cl. 234-28.000.

Bartz, Wilfried: *See—*

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Basa, Laddie A.: *See—*

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- Basalay, Robert J.: *See—*
  - West, C. Thomas; and Basalay, Robert J., 4,500,439, Cl. 252-46.400.
- Basarath, Brian A.; and Kakalec, Robert J., to AT&T Bell Laboratories Linear dual detector opto-isolator circuit. 4,536,715, 8-20-85, Cl. 330-2.000.
- Basarte, Angel A. Inserting self-threaded rods into wooden bodies. 4,502,199, 3-5-85, Cl. 29-433.000.
- Basawapatna, Ganesh R., to Microsource, Inc. Frequency source having YIG absorption/transmission filter. 4,554,516, 11-19-85, Cl. 331-76.000.
- Basch, Duane C., to Xerox Corporation. Drum support apparatus. 4,561,763, 12-31-85, Cl. 355-3.0DR.
- Baschang, Gerhard: *See—*
  - Hartmann, Albert; Wacker, Oskar; Baschang, Gerhard; and Tarcsay, Lajos, 4,548,923, Cl. 514-8.000.
- Bascou, Jacques, to Regie Nationale des Usines Renault. Retractable key carrier. 4,524,594, 6-25-85, Cl. 70-456.00R.
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  - Chebra, Ronald J., 4,527,235, Cl. 364-200.000.
  - James, Rolland T.; and Chebra, Ronald J., 4,528,423, Cl. 179-5.00R.
  - James, Rolland T., 4,529,971, Cl. 340-508.000.
- Basedow, Arno: *See—*
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- Basener, Helmut, to INA Walzlager Schaeffler KG. Bearing seal with dual sealing lips. 4,544,286, 10-1-85, Cl. 384-486.000.
- Basevi, John L. Noise making balloon valve. 4,560,392, 12-24-85, Cl. 446-186.000.
- Basevi, Licinio. Instructional chess game. 4,515,371, 5-7-85, Cl. 273-260.000.
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  - Acker, Rolf-Dieter; Ammermann, Eberhard; and Pommer, Ernst-Heinrich, 4,496,563, Cl. 514-222.000.
  - Acker, Rolf-Dieter; Parg, Adolf; and Wuerzer, Bruno, 4,508,915, Cl. 556-418.000.
  - Armbrust, Herbert; Dix, Johannes P.; Hansen, Guenter; and Zeidler, Georg, 4,521,216, Cl. 8-639.000.
  - Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, 4,520,125, Cl. 502-170.000.
  - Barzynski, Helmut; and Holoch, Klaus, 4,515,877, Cl. 430-5.000.
  - Barzynski, Helmut, 4,523,208, Cl. 346-214.000.
  - Barzynski, Helmut; and Holoch, Klaus, 4,555,471, Cl. 430-273.000.
  - Baumann, Hans; and Kaack, Hermann, 4,511,506, Cl. 534-631.000.
  - Baumann, Hans; and Kaack, Hermann, 4,544,738, Cl. 534-617.000.
  - Baumann, Hans; and Grychtol, Klaus, 4,560,744, Cl. 534-696.000.
  - Baur, Richard; Oppenlander, Knut; Strickler, Rainer; and Barthold, Klaus, 4,546,151, Cl. 525-430.000.
  - Becker, Rainer; Theobald, Hans; Schirmer, Ulrich; Spiegler, Wolfgang; Seufert, Walter; and Wuerzer, Bruno, 4,500,340, Cl. 71-90.000.
  - Becker, Rainer; Jahn, Dieter; Keil, Michael; Himmele, Walter; and Wuerzer, Bruno, 4,517,013, Cl. 71-98.000.
  - Berbner, Heinz; Seid, Bernhard; Voelker, Heinz; and Zettler, Hans D., 4,557,969, Cl. 428-283.000.
  - Bergmann, Udo; Hansen, Guenter; Lach, Dietrich; Thomas, Michael; and Zeidler, Georg, 4,491,543, Cl. 534-677.000.
  - Bergmann, Udo; Dix, Johannes P.; Hansen, Guenter; and Schefczik, Ernst, 4,496,480, Cl. 534-794.000.
  - Bergmann, Udo; Degen, Helmut; Hansen, Guenter; Krallmann, Reinhold; and Weber, Hans, 4,537,597, Cl. 8-639.000.
  - Bergmann, Udo; Hansen, Guenter; and Zeidler, Georg, 4,547,566, Cl. 534-684.000.
  - Binnig, Fritz; Mueller, Claus D.; Raschack, Manfred; and von Philipsborn, Gerda, 4,556,662, Cl. 514-300.000.
  - Bleckmann, Gerhard; Lynch, John; and Mohr, Heinz, 4,515,375, Cl. 277-1.000.
  - Blinne, Gerd; and Muench, Volker, 4,551,493, Cl. 524-89.000.
  - Blum, Rainer; Spoor, Herbert; Holtmann, Gerhard; and Osterloh, Rolf, 4,507,456, Cl. 528-45.000.
  - Blum, Rainer; Spoor, Herbert; Osterloh, Rolf; Mosler, Gerhard; and Rubbert, Bernhard, 4,525,570, Cl. 528-75.000.
  - Blum, Rainer; Buensch, Hellmut; Druschke, Wolfgang; and Mueller, Helmut, 4,543,393, Cl. 525-124.000.
  - Bott, Kaspar; Kaibel, Gerd; Hartmann, Horst; Irnich, Rudolf; and Buelow, Horst, 4,551,208, Cl. 203-60.000.
  - Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, 4,507,274, Cl. 423-573.00R.
  - Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, 4,521,387, Cl. 423-210.000.
  - Bronstert, Klaus; Nickl, Johann; Krause, Hans-Joachim; and Schmitt, Werner, 4,558,104, Cl. 526-65.000.
  - Brunnmueller, Fritz; and Kroener, Michael, 4,543,215, Cl. 260-465.50R.
  - Brunnmueller, Fritz; and Kroener, Michael, 4,560,756, Cl. 544-408.000.
  - Buerkle, Ottmar; Schmidts, Kurt; Schneider, Alfred; and Schuett, Walter, 4,530,475, Cl. 242-199.000.
  - Bung, Richard; Gans, Karl; Schreyer, Gerold; and Welzel, Gerhard, 4,534,720, Cl. 425-7.000.
  - Burger, Arnulf; Scharff, Karl-Heinz; Geiger, Kurt; Schnee, Gunther; and Pieper, Hartwig, 4,536,909, Cl. 15-4.000.
  - Buschmann, Ernst; Schulz, Guenter; Heilen, Gerd; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,532,234, Cl. 514-63.000.
  - Buschmann, Ernst; Zeeh, Bernd; Jung, Johann; and Sauter, Hubert, 4,554,006, Cl. 71-76.000.
  - Degner, Dieter; Hannebaum, Heinz; Siegel, Hardo; and Gramlich, Walter, 4,539,081, Cl. 204-78.000.
  - Deimling, Karl; Falk, Roland; Krug, Aribert; Nagel, Peter; and Sand, Rudolf, 4,557,947, Cl. 427-130.000.
  - Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Jurgen, 4,525,581, Cl. 528-503.000.
  - Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Juergen, 4,532,320, Cl. 528-498.000.
  - Denzinger, Walter; Hartmann, Heinrich; Trieselt, Wolfgang; Mueller, Richard; Diessel, Paul; and Hettche, Albert, 4,559,159, Cl. 252-174.240.
  - Disteldorf, Walter; Eisfeld, Wolfgang; and Kohler, Rolf-Dieter, 4,550,208, Cl. 564-329.000.
  - Dockner, Toni; and Frank, Anton, 4,529,537, Cl. 252-182.000.
  - Dockner, Toni; Kempe, Uwe; and Frank, Anton, 4,550,176, Cl. 548-343.000.
  - Dockner, Toni; and Krug, Herbert, 4,551,528, Cl. 544-242.000.
  - Druschke, Wolfgang; Kast, Hans; and Zettl, Alexander, 4,529,772, Cl. 524-555.000.
  - Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Lucas, Ekhart; Merger, Franz; and Nees, Friedbert, 4,496,770, Cl. 568-463.000.
  - Echte, Adolf; and Gausepohl, Hermann, 4,493,922, Cl. 525-71.000.
  - Eckhardt, Heinz; Halbritter, Klaus; and Rohr, Wolfgang, 4,518,785, Cl. 549-453.000.
  - Eckhardt, Heinz; Halbritter, Klaus; Goetz, Norbert; and Heilen, Gerd, 4,532,337, Cl. 549-425.000.
  - Eicken, Karl; Goetz, Norbert; and Wuerzer, Bruno, 4,494,983, Cl. 71-118.000.
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  - Eilingsfeld, Heinz; Etzbach, Karl-Heinz; Hoffmann, Gerhard; and Neumann, Peter, 4,533,612, Cl. 430-59.000.
  - Ernst, Hansgeorg; Vogel, Friedrich; and Paust, Joachim, 4,518,813, Cl. 570-241.000.
  - Ernst, Hansgeorg; Gehrken, Henning-Peter; and Paust, Joachim, 4,550,182, Cl. 549-408.000.
  - Fechner, Wolf D.; Polster, Rudolf; Kranz, Joachim; and Hartmann, Eduard, 4,523,958, Cl. 106-288.00Q.
  - Fischer, Karl, 4,491,612, Cl. 427-412.000.
  - Fischer, Martin, 4,529,546, Cl. 260-397.200.
  - Fischer, Rolf; Weitz, Hans-Martin; and Siegel, Hardo, 4,513,150, Cl. 568-385.000.
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  - Fitterer, Horst; Roos, Roland; Muenzner, Wulf; Balz, Werner; and Berger, Heinz, 4,557,433, Cl. 242-187.000.
  - Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, 4,492,804, Cl. 564-493.000.
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  - Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.
  - Gehrung, Manfred; Schoettle, Klaus; Kreissler, Helmut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, 4,514,937, Cl. 51-281.0SF.
  - Gimpel, Juergen; Schwendemann, Volker; and Gulbins, Erich, 4,530,978, Cl. 525-528.000.
  - Gimpel, Jurgen; Jackel, Klaus-Peter; and Sander, Hans, 4,510,284, Cl. 524-379.000.
  - Goetz, Norbert; Girgensohn, Bjoern; and Zanker, Fritz, 4,504,363, Cl. 203-14.000.
  - Goetz, Norbert; Laas, Harald; Tavs, Peter; Hupfer, Leopold; and Baer, Karl, 4,538,009, Cl. 568-799.000.
  - Grabhoefer, Herbert; and Volkert, Otto, 4,508,774, Cl. 428-220.000.
  - Graser, Fritz; Hoffmann, Gerhard; Leyrer, Reinhold J.; Neumann, Peter; and Patsch, Manfred, 4,517,270, Cl. 430-58.000.
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  - Grittmann, Ernst-Juergen; Weis, Hans-Joachim; and Manzke, Klaus, 4,527,211, Cl. 360-109.000.
  - Grosskinsky, Otto-Alfred; Frommer, Elmar; Ritz, Josef; Thomas, Erwin; and Weiss, Franz-Josef, 4,551,318, Cl. 423-265.000.
  - Grychtol, Klaus; and Baumann, Hans, 4,537,955, Cl. 534-696.000.
  - Guttner, Christine; Heilmann, Peter; Kullmann, Udo; Mayer, Dieter; and Grau, Werner, 4,560,624, Cl. 428-632.000.
  - Haas, Franz; Janisch, Gerhard; and Schreyer, Gerold, 4,535,004, Cl. 427-212.000.
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  - Hackenberger, Alfred; Patsch, Manfred; and Gaeng, Manfred, 4,506,089, Cl. 560-020.000.
  - Hagen, Helmut; Markert, Juergen; and Wuerzer, Bruno, 4,497,651, Cl. 71-94.000.

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Hamprecht, Gerhard; Varwig, Juergen; and Rohr, Wolfgang, 4,514,572, Cl. 549-246.000.

Hamprecht, Gerhard, 4,522,763, Cl. 260-455.00A.

Hamprecht, Gerhard; Varwig, Juergen; and Wuerzer, Bruno, 4,523,942, Cl. 71-88.000.

Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,491,637, Cl. 502-66.000.

Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,543,427, Cl. 568-342.000.

Hecke, Paul; Burger, Arnulf; and Werther, Heinz-Ulrich, 4,497,081, Cl. 15-102.000.

Heil, Guenter; Lenz, Werner; and Kovacs, Jenoe, 4,557,813, Cl. 204-159.140.

Heil, Guenter; Spoor, Herbert; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; Balz, Werner; and Lehner, August, 4,559,118, Cl. 204-159.140.

Heil, Guenter; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; and Balz, Werner, 4,560,456, Cl. 204-159.140.

Henne, Andreas; Hesse, Anton; Heil, Guenter; and Schornick, Gunnar, 4,522,693, Cl. 204-159.150.

Hoelderich, Wolfgang; Mross, Wolf D.; and Schwarzmann, Matthias, 4,503,281, Cl. 585-640.000.

Hoelderich, Wolfgang; Mross, Wolf D.; and Schwarzmann, Matthias, 4,554,142, Cl. 423-277.000.

Hoelderich, Wolfgang; Merger, Franz; Mross, Wolf D.; and Fouquet, Gerd, 4,560,822, Cl. 585-606.000.

Hoffmann, Gerhard; Bronstert, Bernd; Hahn, Herbert; and Jun, Mong-Jon, 4,547,454, Cl. 430-271.000.

Hoffmann, Gerhard; and Neumann, Peter, 4,556,621, Cl. 430-49.000.

Hoffmann, Gerhard, 4,559,285, Cl. 430-49.000.

Horacek, Heinrich, 4,522,968, Cl. 524-388.000.

Horacek, Heinrich; Wittmann, Otto; Marx, Matthias; and Mayer, Johann, 4,546,039, Cl. 428-357.000.

Horn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, 4,522,743, Cl. 252-311.000.

Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, 4,560,708, Cl. 521-137.000.

Horner, Michael; and Irgang, Matthias, 4,536,347, Cl. 260-465.00F.

Husslein, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,515,623, Cl. 71-12.000.

Husslein, Gerd; Hamprecht, Gerhard; Koenig, Karl-Heinz; Boehm, Walter; and Gaeng, Manfred, 4,515,985, Cl. 562-472.000.

Ihbe, Jorg; Taubenmann, Peter; Thiele, Heino; and Zettler, Hans-Dieter, 4,505,592, Cl. 366-134.000.

Jaedicke, Hagen; and Tonne, Peter, 4,493,802, Cl. 260-507.00R.

Jahn, Dieter; Becker, Rainer; Keil, Michael; Spiegler, Wolfgang; and Wuerzer, Bruno, 4,545,806, Cl. 71-88.000.

Janitschke, Lothar; and Hoffmann, Werner, 4,517,382, Cl. 564-267.000.

Janitschke, Lothar; and Hoffmann, Werner, 4,550,211, Cl. 568-361.000.

Jung, Norbert; Lindner, Edmund; and Lohrbaecher, Volker, 4,526,286, Cl. 220-22.000.

Kohl, Albert; Schneider, Norbert; Ley, Gregor; Balz, Werner; Melzer, Milena; and Jakusch, Helmut, 4,507,457, Cl. 427-48.000.

Kraft, Helmut; Schumacher, Heinz; Pommer, Ernst-Heinrich; Schlotterbeck, Dietrich; and Ley, Gregor, 4,528,185, Cl. 424-81.000.

Kretschmer, Alfred, 4,534,308, Cl. 118-260.000.

Kubinyi, Hugo; Traut, Martin; and Gries, Josef, 4,500,467, Cl. 514-2.000.

Kummer, Rudolf; Schneider, Heinz-Walter; Taglieber, Volker; and Weiss, Franz-Josef, 4,523,027, Cl. 560-191.000.

Kummer, Rudolf; Richter, Wolfgang; Schwirten, Kurt; and Stops, Peter, 4,533,757, Cl. 568-454.000.

Laas, Harald; Tavs, Peter; Hannebaum, Heinz; and Stroezel, Manfred, 4,562,277, Cl. 556-34.000.

Laemmermann, Fritz; Rindfleisch, Werner; Fabian, Wolfgang; and Polster, Rudolf, 4,497,120, Cl. 34-15.000.

Lange, Arno; Kiehs, Karl; and Adolphi, Heinrich, 4,508,734, Cl. 514-594.000.

Lange, Arno; Merger, Franz; Hettinger, Peter; and Adolphi, Heinrich, 4,537,901, Cl. 514-404.000.

Lechtken, Peter; Nuerrenbach, Axel; and Schole, Juergen, 4,510,146, Cl. 514-312.000.

Lechtken, Peter; Mueller, Gerhard; and Schmieder, Klaus, 4,515,982, Cl. 560-125.000.

Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.

Lenz, Werner; Sander, Hans; and Moller, Dieter, 4,532,300, Cl. 525-124.000.

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Lotsch, Wolfgang; Kemper, Reinhard; and Schefczik, Ernst, 4,525,591, Cl. 544-250.000.

Lynch, John; Naarmann, Herbert; Schulz, Gunther; Vyvial, Rudolf; Wallbillich, Gunter; and Zuerger, Manfred, 4,517,277, Cl. 430-281.000.

Lynch, John; and Elzer, Albert, 4,548,894, Cl. 430-273.000.

Lynch, John; and Elzer, Albert, 4,550,072, Cl. 430-256.000.

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Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,540,717, Cl. 521-52.000.

Markert, Jurgen; Hagen, Helmut; and Wuerzer, Bruno, 4,522,646, Cl. 71-94.000.

Marx, Hans-Norbert, 4,547,366, Cl. 424-78.000.

Marx, Matthias; Ganss, Helmut; and Frank, Wolfram, 4,514,526, Cl. 521-166.000.

Mattner, Otto; Merger, Franz; and Towae, Friedrich, 4,530,796, Cl. 260-453.00P.

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Merger, Franz; and Towae, Friedrich, 4,497,963, Cl. 560-115.000.

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Mross, Wolf D.; Schwarzmann, Matthias; Plueckhan, Juergen; and Dehler, Juergen, 4,530,910, Cl. 502-24.000.

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Parg, Adolf; Wuerzer, Bruno; and Hamprecht, Gerhard, 4,523,946, Cl. 71-092.000.

Parg, Adolf; Ziegler, Hans; and Wuerzer, Bruno, 4,537,621, Cl. 71-103.000.

Patsch, Manfred; and Ruske, Manfred, 4,491,662, Cl. 544-74.000.

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Pipper, Gunter; Theysohn, Rainer; and Zahradnik, Franz, 4,539,391, Cl. 528-323.000.

Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.

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Plath, Peter; Eicken, Karl; Sauter, Hubert; and Wuerzer, Bruno, 4,537,617, Cl. 71-92.000.

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  - Adams, Dennis V.; Cremers, Norbert J.; and Henry, Raymond L., 4,534,958, Cl. 424-45.000.
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  - Narayan, Thirumurti, 4,525,489, Cl. 521-108.000.
  - Narayan, Thirumurti, 4,544,763, Cl. 560-26.000.
  - Ozmeral, Ahmet C., 4,510,067, Cl. 252-174.210.
  - Patil, Arvind S.; Bantjes, John H.; Pepoy, Louis J.; and Sappok, Reinhard J., 4,525,217, Cl. 106-304.000.
  - Patton, John T., Jr.; and Rupert, John P., 4,555,530, Cl. 521-131.000.
  - Reichel, Curtis J., 4,535,178, Cl. 560-91.000.
  - Reichel, Curtis J.; and Hartman, Robert J., 4,550,194, Cl. 560-200.000.
  - Schmidt, Douglass N., 4,532,133, Cl. 514-725.000.
  - Schmidt, Douglass N.; Finnan, Jeffrey L.; and Lisa, Rudolph E., 4,533,674, Cl. 514-474.000.
  - Schmolka, Irving R., 4,495,168, Cl. 424-45.000.
  - Schmolka, Irving R., 4,495,169, Cl. 424-47.000.
  - Schmolka, Irving R., 4,511,563, Cl. 514-162.000.
  - Schmolka, Irving R., 4,534,959, Cl. 424-45.000.
  - Schmolka, Irving R., 4,544,495, Cl. 252-174.210.
  - Schwartz, Ellen S.; and Tincher, Cline A., 4,493,780, Cl. 252-73.000.
  - Wilson, Joe C.; Hirozawa, Stanley T.; and Conville, John J., 4,548,787, Cl. 422-15.000.
  - Wingard, Michael G.; and Peterson, John F. D., 4,554,079, Cl. 210-776.000.
- Bashford, Anthony J., to NCR Corporation. Dual directional document drive apparatus. 4,506,878, 3-26-85, Cl. 271-227.000.
- Bashinsky, Kazimir D.: *See—*
  - Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.
- Bashirov, Zaur A.: *See—*
  - Uretsky, Yan S.; Kajumov, Rashid R.; Bashirov, Zaur A.; Bashirova, Alfia G.; and Strelnikov, Alexandr A., 4,513,620, Cl. 73-664.000.
- Bashirova, Alfia G.: *See—*
  - Uretsky, Yan S.; Kajumov, Rashid R.; Bashirov, Zaur A.; Bashirova, Alfia G.; and Strelnikov, Alexandr A., 4,513,620, Cl. 73-664.000.
- Bashleben, Christine P.; Shay, Gregory D.; and Smith, Alfred E., to DeSoto, Inc. Vinyl acetate emulsion copolymers of improved gloss. 4,529,767, 7-16-85, Cl. 524-323.000.
- Bashour, Joseph E. Container and closure. 4,498,597, 2-12-85, Cl. 215-329.000.
- Bashour, Samuel B. Method of and apparatus for restricting the passage of food through the stomach. 4,558,699, 12-17-85, Cl. 128-346.000.
- Basi, Jagtar S.; and Mendel, Eric, to International Business Machines Corporation. Method for polishing semiconductor wafers with montmorillonite slurry. 4,549,374, 10-29-85, Cl. 51-283.00R.
- Basic, John N., Sr. Incinerator with two reburn stages and, optionally, heat recovery. 4,516,510, 5-14-85, Cl. 110-346.000.
- Basic Packaging Systems, Inc.: *See—*
  - Titchenal, Oliver R., 4,524,459, Cl. 383-37.000.
- Basil, Dan. Lift rail window structure. 4,516,355, 5-14-85, Cl. 49-460.000.
- Basil, Richard V., Jr.: *See—*
  - Hudspeth, Thomas; Basil, Richard V., Jr.; and Keeling, Harmon H., 4,539,534, Cl. 333-115.000.
- Basile, Peter A.; and Blatherwick, William J., to Johnson & Johnson Dental Products Company. Amalgam dispensing device. 4,502,611, 3-5-85, Cl. 221-93.000.
- Basile, Peter A., to Black & Decker Inc. Mounting arrangement. 4,540,146, 9-10-85, Cl. 248-201.000.
- Basile, Peter A.: *See—*
  - Duncan, L. Scot; Groth, Hugh F.; and Basile, Peter A., 4,559,666, Cl. 15-353.000.
- Basile, Philip C., to RCA Corporation. Transceiver having collision detection capability for contention-formatted FDM local area networks. 4,519,074, 5-21-85, Cl. 370-124.000.
- Basile, Philip C., to RCA Corporation. Switching circuit which is self-biased in one mode of operation. 4,532,433, 7-30-85, Cl. 307-241.000.
- Basile, Philip C., to RCA Corporation. Active, bi-directional bus tap. 4,556,881, 12-3-85, Cl. 340-825.000.
- Basile, Raffaele, to Allied Tube & Conduit Corporation. Conduit coupling assembly. 4,549,756, 10-29-85, Cl. 285-388.000.
- Basinger, Richard A.: *See—*
  - Hemmerle, Clayton J.; and Basinger, Richard A., 4,524,504, Cl. 29-450.000.
- Basiulis, Algerd, to Hughes Aircraft Company. Heat pipe cooling module for high power circuit boards. 4,503,483, 3-5-85, Cl. 361-385.000.
- Baskett, Theodore N. Self-balanced surface-processing apparatus. 4,514,933, 5-7-85, Cl. 51-32.000.
- Baski, Henry A. Method of manufacturing a pitless adapter. 4,531,664, 7-30-85, Cl. 228-125.000.
- Baskin, Joseph M.; Miller, Gary E.; and Wiesner, Wayne, to Boeing Company, The. Wind turbine rotor. 4,557,666, 12-10-85, Cl. 416-32.000.
- Baskins, Lowell L.; Keene, James M.; and Montfort, John G., to Infrared Industries, Inc. Double-pass flue gas analyzer. 4,549,080, 10-22-85, Cl. 250-343.000.
- Basnett, Robert T., to Westinghouse Electric Corp. Vacuum contactor kickout spring adjustment apparatus. 4,504,808, 3-12-85, Cl. 335-154.000.
- Basnett, Robert T., to Westinghouse Electric Corp. Vacuum contactor with kickout spring. 4,544,817, 10-1-85, Cl. 200-293.000.
- Basnett, Robert T.; and Bratkowski, Walter V., to Westinghouse Electric Corp. Vacuum contactor having DC electromagnet with improved force watts ratio. 4,559,511, 12-17-85, Cl. 335-132.000.
- Basol, Bulent M.; Tseng, Eric S.; and Lo, Dennis S., to Standard Oil Company (Ohio), The. Electrodeposition of thin film heterojunction photovoltaic devices that utilize Cd rich $Hg_{1-x}Cd_xTe$. 4,548,681, 10-22-85, Cl. 204-2.100.
- Basore, William T. Support for hi-fi turntable base. 4,560,136, 12-24-85, Cl. 248-559.000.
- Bass, Alva W., to United States of America, Army. Eccentrically tightened latch device. 4,493,581, 1-15-85, Cl. 403-323.000.
- Bass, David L. Anti-kerf bind device. 4,534,112, 8-13-85, Cl. 30-383.000.
- Bass, Eric. Exercise device for use in tank containing water. 4,551,108, 11-5-85, Cl. 441-116.000.
- Bass, Eric. Swimming pool exercise device. 4,552,540, 11-12-85, Cl. 441-129.000.
- Bass, Joseph. Portable auxiliary toilet seat. 4,525,880, 7-2-85, Cl. 4-244.000.
- Bass, Leland J.; Quick, Roy F., Jr.; Shah, Ashwin V.; and Wickwire, Ralph O., to Burroughs Corporation. System for electronically displaying portions of several different images on a CRT screen through respective prioritized viewports. 4,542,376, 9-17-85, Cl. 340-724.000.
- Bass, Leland J.; Shah, Ashwin V.; and Wickwire, Ralph O., to Burroughs Corporation. System for electronically displaying multiple images on a CRT screen such that some images are more prominent than others. 4,550,315, 10-29-85, Cl. 340-703.000.
- Bass, Leland J.; Quick, Roy F., Jr.; Shah, Ashwin V.; and Wickwire, Ralph O., to Burroughs Corporation. Method of electronically moving portions of several different images on a CRT screen. 4,559,533, 12-17-85, Cl. 340-724.000.
- Bass, Robert J., to Pfizer Inc. Method of treating diarrhoea using indole compounds. 4,558,048, 12-10-85, Cl. 514-232.000.
- Bass, Roy K.: *See—*
  - Barbee, Robert B.; Bass, Roy K.; Davis, Burns; and Minnick, Larry A., 4,501,879, Cl. 528-288.000.
- Bassa, Altan, to Du Pont de Nemours, E. I., and Company. Vacuum box with variable stage volume to improve coating uniformity. 4,545,321, 10-8-85, Cl. 118-50.000.
- Basseches, Mark T. Binder assembly with randomly removable leaves. 4,551,039, 11-5-85, Cl. 402-60.000.
- Basset, Jean M. M.; Leconte, Michel; Ollivier, Jean; and Quignard, Francoise, to Societe Nationale Elf Aquitaine. Catalyst for the metathesis of olefins. 4,550,216, 10-29-85, Cl. 585-645.000.
- Bassett, David A. Rotor system for horizontal axis wind turbines. 4,533,297, 8-6-85, Cl. 416-132.00B.
- Bassett, Katherine-Ann: *See—*
  - Field, David J.; Butler, Ernest P.; and Bassett, Katherine-Ann, 4,534,807, Cl. 148-20.300.
- Bassett, Neville C.: *See—*
  - Ensor, Paul M. D.; and Bassett, Neville C., 4,533,468, Cl. 209-172.000.
- Bassett, Raymond C.: *See—*
  - Hubler, Lawrence C.; Ferrara, Joseph J.; Albright, Roger N.; and Bassett, Raymond C., 4,508,329, Cl. 270-53.000.
- Bassetti, Larry W.; and Kantor, Sherwood, to International Business Machines Corporation. Fine line print enhancement. 4,544,264, 10-1-85, Cl. 355-14.00R.

Bassetti, Piero, to Bassetti, S.p.A. Removable cover adapted to cover three-dimensional articles. 4,495,233, 1-22-85, Cl. 428-81.000.

Bassetti, S.p.A.: *See—*
Bassetti, Piero, 4,495,233, Cl. 428-81.000.

Bassler, Elmer A., Jr.: *See—*
Shields, Edward P.; and Bassler, Elmer A., Jr., 4,547,117, Cl. 414-404.000.

Bassler, Peter: *See—*
Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, 4,520,125, Cl. 502-170.000.

Basso, Peter J. Insulated modular cooler. 4,517,815, 5-21-85, Cl. 62-457.000.

Bassuk, Lawrence J.: *See—*
Kuehnle, Manfred R.; Cahill, Lysle D.; Butler, John C.; and Bassuk, Lawrence J., 4,515,879, Cl. 430-31.000.

Bast, Gordon B.; Metz, Carl W.; and Nicholas, John F. Mobile telephone mounting pedestal. 4,560,831, 12-24-85, Cl. 179-2.00E.

Bast, Wilhelm, to Faust-Fertigungstechnik GmbH & Co. KG. Apparatus for applying viscous substances particularly adhesives. 4,508,051, 4-2-85, Cl. 118-410.000.

Bastel, Paul: *See—*
Herrmann, Bodo; Bastel, Paul; and Bas, Selahattin, 4,539,460, Cl. 219-73.210.

Bastenbeck, Edwin W., to Enthone, Incorporated. Selective nickel stripping compositions and method of stripping. 4,554,049, 11-19-85, Cl. 156-656.000.

Bastenhof, Dirk, to Ecopool Design Limited. Combustion powered wave generator. 4,515,500, 5-7-85, Cl. 405-79.000.

Bastenhof, Dirk, to Ecopool Design Limited. Surf wave generator. 4,522,535, 6-11-85, Cl. 405-79.000.

Bastenhof, Dirk, to Ecopool Design Limited. Wave generator. 4,558,474, 12-17-85, Cl. 4-491.000.

Bastian Advanced Systems, Inc.: *See—*
Tipton, Larry J.; and Alfermann, Larry D., 4,527,490, Cl. 108-111.000.

Bastian, Donald G.: *See—*
Gaspar, Richard A.; Bastian, Donald G.; and Denlinger, Timothy L., 4,554,044, Cl. 156-510.000.
Punater, Dinesh G.; and Bastian, Donald G., 4,514,819, Cl. 364-556.000.

Bastida, Ezio M.; and Bergamini, Paolo, to CISE Centro Informazioni Studi Esperienze S.p.A. Planar microwave oscillator mounted on a dielectric cavity. 4,511,860, 4-16-85, Cl. 331-96.000.

Bastioli, Catia; Gianotti, Giuseppe; Mattera, Adriano; and Parrini, Paolo, to Montedison S.p.A. Process for preparing poly-piperazinamide anisotropic shaped articles. 4,560,522, 12-24-85, Cl. 264-41.000.

Bastion, Patrick; Lhuillier, Francois; and Mutschler, Ulrich, to Societe Staubli-Verdol. Weaving mechanism with improved selection of the hooks. 4,532,963, 8-6-85, Cl. 139-59.000.

Bata Industries Limited: *See—*
Schilke, Waldemar, 4,544,519, Cl. 264-328.100.

Bata Schuh AG.: *See—*
Fink, Hans, 4,508,582, Cl. 156-93.000.

Bata Shoe Company, Inc.: *See—*
Hamy, Norbert; Nutt, Phillip; and Sheridan, Douglas, 4,559,723, Cl. 36-102.000.

Batard, Denis; Freland, Jean-Claude; Wallez, Bernard; Desffains, Jean Paul; and Valle, Roger, to S.A. Arlux. Orthopaedic lumbo-sacral corset with semi-rigid elements and inflatable pads. 4,559,933, 12-24-85, Cl. 128-78.000.

Batavier, Benjamin. Garment with a pocket for a purse or wallet. 4,490,858, 1-1-85, Cl. 2-252.000.

Batchelder, Clarence F.; Thomas, Charles E.; and Casady, Kent B., to Clipp Control. Servo amplification system. 4,557,178, 12-10-85, Cl. 91-367.000.

Batchelder, David N.: *See—*
Pitt, Gillies D.; Williamson, Roger J.; Batchelder, David N.; and Prabakaran, Arulanandam M., 4,519,259, Cl. 73-861.220.

Batcheler, Jerry H.; and Marek, Raymond G. Domestic automatic continuously monitoring soil moisture monitor/indicator. 4,514,722, 4-30-85, Cl. 340-604.000.

Batchelor, Douglas R., to Libman Broom Company. Refill sponge mop assembly. 4,509,224, 4-9-85, Cl. 15-244.00R.

Batchelor, Douglas R., to Libman Broom Company. Mop head. 4,553,282, 11-19-85, Cl. 15-150.000.

Batchelor, Frederick H.; and Brown, David J., to Massey-Ferguson Services N.V. Lockable control lever arrangement. 4,526,055, 7-2-85, Cl. 74-471.0XY.

Batchelor, William H., to Propane Carburetion Systems, Inc. Gaseous fuel supply and control system for an internal combustion engine. 4,520,785, 6-4-85, Cl. 123-525.000.

Batchelor, William H., to Propane Carburetion Systems, Inc. Fuel feed control system and control valve for dual fuel operation of an internal combustion engine. 4,535,728, 8-20-85, Cl. 123-27.0GE.

Batchelor, William H.: *See—*
Lagano, Thomas; and Batchelor, William H., 4,513,727, Cl. 123-525.000.

Batcho, Andrew D., to Hoffmann-La Roche Inc. 7-Nitroindoles. 4,506,078, 3-19-85, Cl. 548-469.000.

Batcho, Andrew D.: *See—*
Baggiolini, Enrico G.; Batcho, Andrew D.; Boris, Alfred; and Uskokovic, Milan R., 4,508,651, Cl. 260-397.200.

Bateman, Charles D., to Sundstrand Corporation. Ground proximity warning system with time based mode switching. 4,495,483, 1-22-85, Cl. 340-970.000.

Bateman, Charles D., to Sundstrand Data Control, Inc. Static low tire pressure detection system for aircraft. 4,506,328, 3-19-85, Cl. 364-463.000.

Bateman, Charles D., to Sundstrand Data Control, Inc. Aircraft weight and balance system with automatic loading error correction. 4,507,742, 3-26-85, Cl. 364-567.000.

Bateman, Charles D.: *See—*
Pulk, Brian E.; and Bateman, Charles D., 4,550,385, Cl. 364-558.000.

Bateman, Glenn, to Tektronix, Inc. Non-linear amplifier systems. 4,507,615, 3-26-85, Cl. 328-142.000.

Bateman, Glenn; and DuPuy, Richard E., Jr., to Tektronix, Inc. Nonlinear amplifier systems for repetitive signals. 4,546,321, 10-8-85, Cl. 328-142.000.

Bateman, Ivor: *See—*
Morey, Norval K.; and Bateman, Ivor, 4,534,390, Cl. 144-373.000.

Bateman, Neil E.; and Woods, Ross A., to R. P. Scherer Corporation. Pharmaceutical composition and process for the manufacture thereof. 4,546,197, 10-8-85, Cl. 560-66.000.

Bateman, Wayne: *See—*
Kruger, Robert A.; and Bateman, Wayne, 4,536,790, Cl. 358-111.000.

Bates, Alexander P.; and Harcourt, Philip E., to Bergeson, Lloyd. Wing sail drive system. 4,506,619, 3-26-85, Cl. 114-91.000.

Bates, Darrell R. Chain-powered pipe tong device. 4,494,424, 1-22-85, Cl. 81-57.180.

Bates, Frank S.: *See—*
Baker, Gregory L.; and Bates, Frank S., 4,525,538, Cl. 525-275.000.

Bates, H. John, to NL Industries, Inc. Control valve system for blowout preventers. 4,509,405, 4-9-85, Cl. 91-420.000.

Bates, Howard J., Jr., to NL Industries, Inc. Tensioner apparatus with emergency limit means. 4,501,219, 2-26-85, Cl. 114-264.000.

Bates, Jack; and Clayson, Arthur E., to United States of America, Navy. Sabot diverter. 4,534,265, 8-13-85, Cl. 89-14.600.

Bates, James F.: *See—*
Gates, Guy W.; Bates, James F.; Larsen, John F.; and Law, Benjamin F., 4,502,351, Cl. 74-753.000.

Bates, John K., Jr. Signal processing and synthesizing method and apparatus. 4,559,602, 12-17-85, Cl. 364-487.000.

Bates, Kenneth C. Apparatus for determining various operational conditions of an aircraft. 4,507,657, 3-26-85, Cl. 340-959.000.

Bates, Kenneth N. Solar collector device. 4,522,193, 6-11-85, Cl. 126-438.000.

Bates, Kenneth W.; and Watts, Norman H., to USS Engineers & Consultants, Inc. Sliding gate valves. 4,543,981, 10-1-85, Cl. 137-315.000.

Bates, Lyn V. Orthodontic bracket. 4,561,844, 12-31-85, Cl. 433-14.000.

Bates, Paul E.: *See—*
Grogg, Terry W.; Bugaj, Joseph E.; and Bates, Paul E., 4,510,125, Cl. 424-1.100.

Bates Printing Specialties, Inc.: *See—*
Brown, Lyman J., 4,513,993, Cl. 283-103.000.

Bates, Richard A.: *See—*
Anderson, Herbert R., Jr.; Araps, Constance J.; and Bates, Richard A., 4,504,007, Cl. 228-123.000.

Bates, Robert L., to Agro Land & Cattle Company, Inc. Trolling method and apparatus. 4,524,535, 6-25-85, Cl. 43-4.500.

Bates, Robert N.; and Ballard, Philip M., to U.S. Philips Corporation. R.F. Circuit arrangement. 4,553,266, 11-12-85, Cl. 455-327.000.

Bates, Stanley I.: *See—*
Inoue, Kimio; Hoyer, Gale G.; and Bates, Stanley I., 4,514,574, Cl. 564-424.000.

Bates Ventilsakke Co. A/S: *See—*
Berthelsen, Ernst R., 4,540,396, Cl. 493-447.000.

Bates, William C.: *See—*
True, Thomas T.; Good, William E.; and Bates, William C., 4,498,101, Cl. 358-62.000.

Bates, William L.: *See—*
McWhorter, Fred A.; and Bates, William L., 4,500,110, Cl. 280-680.000.

Bateson, Norman E., to Norson Industries, Inc. Pneumatic gate for railway hopper cars. 4,500,230, 2-19-85, Cl. 406-1[illegible].000.

Bateson, Paul F.: *See—*
Drake, Cyril F.; Jones, Ronald; Bateson, Paul F.; Grant, Ronald J.; and Burrage, Martin E., 4,511,404, Cl. 106-14.120.
Drake, Cyril F.; Maries, Alan; and Bateson, Paul F., 4,518,429, Cl. 106-14.390.

Batey, Jonathan H., to VG Instruments Group Limited. Apparatus for and method of operating quadrupole mass spectrometers in the total pressure mode. 4,535,236, 8-13-85, Cl. 250-292.000.

Bath, Duncan T.; and Ferguson, James H., to Canadian General Electric Company Limited. Flexible stator slot closure arrangement. 4,547,690, 10-15-85, Cl. 310-214.000.

Bath Iron Works Corporation: *See—*
Omo, RB, Jr., 4,542,674, Cl. 83-527.000.

Batham, John K.: *See—*
Fontaine, Paul I.; Jones, Evan T. R.; and Batham, John K., 4,561,894, Cl. 75-257.000.

Bathe, John G., to ACF Industries, Incorporated. Apparatus controlling discharge volume of a carburetor accelerator pump. 4,534,913, 8-13-85, Cl. 261-34.00B.

Bathke, Heinz: *See—*
Lorenz, Werner; Bathke, Heinz; and Sommers, Hans, 4,509,913, Cl. 431-90.000.

Bathmann, Hans-Jurgen; Hoh, Bernhard; and Schulz, Siegmar, to Mannesmann Aktiengesellschaft; and Krautkraemer GmbH. Nondestructive testing of structural material by means of ultrasonics. 4,492,118, 1-8-85, Cl. 73-612.000.

Bathori, Julius: *See—*

Burge, Joseph C.; and Bathori, Julius, 4,522,559, Cl. 415-196.000.

Batick, Philip, Jr. Fishing rod and reel holder for handicapped persons. 4,559,735, 12-24-85, Cl. 43-21.200.

Batigne, Jean; Deslandes, Claude; Gillot, Jacques; and Tritten, Paul, to Commissariat a l'Energie Atomique. Method of manufacturing cylindrical ceramic tubes having localized imprints on their inner faces. 4,541,976, 9-17-85, Cl. 264-69.000.

Batina, William P.; and White, Robert M., to Cordis Corporation. Acquisition circuit for cardiac pacer. 4,550,731, 11-5-85, Cl. 128-419.0PT.

Batke, Manfred: *See—*

Munnich, Wilhelm; and Batke, Manfred, 4,492,328, Cl. 226-197.000.

Batla, Masroor A.: *See—*

Bond, Raymond G.; and Batla, Masroor A., 4,560,832, Cl. 179-2.0EA.

Batni, Prahlada R. Commutatorless direct current machine. 4,514,653, 4-30-85, Cl. 310-178.000.

Batorewicz, Wadim; and Wheeler, Edward L., to Uniroyal, Inc. Process for the preparation of p-nitrosodiphenylamine. 4,518,803, 5-21-85, Cl. 564-410.000.

Batra, Subhash C.: *See—*

Kadison, Eric M.; Batra, Subhash C.; and Meir, Gad E., 4,494,156, Cl. 360-48.000.

Batra, Subhash K. Suture. 4,510,934, 4-16-85, Cl. 128-335.500.

Batra, Tarsaim, to American Microsystems, Inc. Late mask process for programming read only memories. 4,513,494, 4-30-85, Cl. 29-576.00B.

Batra, Tarsaim L., to American Microsystems, Inc. Method for fabricating MOS device with self-aligned contacts. 4,517,729, 5-21-85, Cl. 29-571.000.

Batson, David C.: *See—*

Goebel, Franz; Haskins, Timothy B.; and Batson, David C., 4,562,094, Cl. 427-115.000.

Batstra, Ype, to International Osobouw Sales Office N.V. Method for manufacturing light-weight shaped concrete articles, such as block-shaped building elements. 4,547,331, 10-15-85, Cl. 264-333.000.

Batt, Thomas N. Scraper with mitt. 4,538,320, 9-3-85, Cl. 15-236.00R.

Battagin, Gian Piero: *See—*

Crutzen, Serge; Franzetti, Gian Aldo; and Battagin, Gian Piero, 4,530,241, Cl. 73-602.000.

Battais, Alain; Boutevin, Bernard J. L.; and Pietrasanta, Yves J. D., to Etat Francais represente par le Delegue General. Organometallic telomers, methods of preparation and biocidal compositions obtained. 4,499,022, 2-12-85, Cl. 260-429.700.

Battarel, Andre P.; and Lequin, Claude G., to Societe Europeenne de Propulsion. Electromagnetic bearing for high temperature environment. 4,504,098, 3-12-85, Cl. 308-10.000.

Battelle Development Corporation: *See—*

Andrus, Paul G.; Smith, B. Thomas; and Dolash, Thomas M., 4,494,865, Cl. 355-32.000.

Attia, Yosry A.; and Tewksbury, Ted L., 4,512,879, Cl. 209-3.000.

Caulfield, Henry J., 4,544,230, Cl. 350-96.140.

Gardner, David L., 4,532,123, Cl. 424-21.000.

Haour, Georges; Richter, Dag; and Wagnieres, Willy, 4,559,187, Cl. 264-11.000.

Hillman, Melville E. D.; Huffman, William J.; Lipinsky, Edward S.; and Stambaugh, Edgel, 4,523,928, Cl. 44-56.000.

Hughes, Kenneth E.; Hutson, Timothy B.; and Fink, David J., 4,544,516, Cl. 264-108.000.

McGinniss, Vincent C.; and Sliemers, Francis A., 4,491,653, Cl. 525-356.000.

Preston, Joseph R.; and Hillenbrand, Louis J., 4,557,807, Cl. 204-4.000.

Reif, Robert B.; and Albrechtson, Loren R., 4,531,402, Cl. 73-28.000.

Reif, Robert B.; and Albrechtson, Loren R., 4,531,486, Cl. 123-198.0DC.

Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., 4,543,418, Cl. 549-562.000.

Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., 4,555,366, Cl. 260-404.800.

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Treharne, Richard W.; McKibben, Charlton K.; and Moles, Donald R., 4,559,206, Cl. 422-186.240.

Verber, Carl M., 4,544,229, Cl. 350-96.140.

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Beck, Rasmus; and Hansen, Erich, 4,491,949, Cl. 372-86.000.

Beuter, Karl, 4,512,194, Cl. 73-579.000.

Guers, Karl; and Beck, Rasmus, 4,504,954, Cl. 372-61.000.

Hartmann, Rolf; Krah, Albrecht; Egle, Hilda; and Ziegler, Rudolf, 4,544,441, Cl. 156-634.000.

Rickus, Edmund; and Jager, Karlheinz, 4,495,375, Cl. 136-255.000.

Stoesser, Klaus; and Vinson, Heinz, 4,499,462, Cl. 340-825.310.

Battelle Memorial Institute: *See—*

Arieh, Simon; and Courvoisier, Guy, 4,519,150, Cl. 36-121.000.

Baumberger, Otto; and Kalbskopf, Reinhard, 4,508,054, Cl. 118-718.000.

Boegli, Jean-Charles; and Trouilhet, Yves, 4,501,145, Cl. 73-204.000.

Carter, Timothy J. N.; and Dahne, Claus, 4,508,832, Cl. 436-517.000.

Courvoisier, Guy; and Arieh, Simon, 4,513,197, Cl. 219-527.000.

Ensminger, Dale, 4,554,034, Cl. 156-69.000.

Fiorentino, Robert J., 4,521,360, Cl. 264-108.000.

Giddey, Claude; and Dove, Georges, 4,525,372, Cl. 426-564.000.

Haour, Georges; Kornmann, Michel; and Willy, Wagnieres, 4,529,628, Cl. 427-319.000.

Kenan, Richard P.; and Verber, Carl M., 4,561,728, Cl. 350-356.000.

Muralidhara, Harapanahalli; Parekh, Bhupendra; and Senapati, Nagabhusan, 4,561,953, Cl. 204-182.300.

Nguyen, Van T.; Bellmann, Gunter; and Boussel, Francoise, 4,530,961, Cl. 524-832.000.

Porta, Augusto; Schaub, Maurice; Ayerbe, Andre; and Bunter, Guy, 4,560,455, Cl. 204-130.000.

Prost, Jean-Louis; and Gross, Daniel, 4,535,627, Cl. 73-290.00B.

Puyane, Ramon; Gonzalez-Oliver, Carlos J. R.; and Harmer, Alan L., 4,495,297, Cl. 501-12.000.

Rao, Surendra B., 4,559,600, Cl. 364-474.000.

Rohrmann, Charles A.; and Fullam, Harold T., 4,537,835, Cl. 423-502.000.

Sauer, Ronald H., deceased; and Beedlow, Peter A., 4,549,355, Cl. 33-148.00H.

Senapati, Nagabhusan; and Mangaraj, Duryodhan, 4,548,771, Cl. 264-23.000.

Tournier, Herve; Johansson, Allan A.; Sachetto, Jean-Pierre; Armanet, Jean-Michel; Michel, Jean-Pierre; and Roman, Alain, 4,511,433, Cl. 162-16.000.

Batten, Ronald W., to V.S.I. Corporation. Fastener wrenching means. 4,538,483, 9-3-85, Cl. 81-56.000.

Battenfeld Extrusionstechnik GmbH: *See—*

Schafer, Heinrich, 4,517,858, Cl. 74-801.000.

Schwab, Erwin; Parisi, Graziano; and Pander, Peter, 4,551,289, Cl. 264-23.000.

Battenfeld Maschinenfabriken GmbH: *See—*

Cyriax, Wilhelm; Tamboers, Gerhard; and Holzschuh, Johannes, 4,500,274, Cl. 425-185.000.

Cyriax, Wilhelm, 4,552,384, Cl. 285-111.000.

Feist, Norbert, 4,533,521, Cl. 422-133.000.

Fillmann, Werner, 4,542,054, Cl. 428-68.000.

Batterman, Eric P., to RCA Corporation. Signal transition enhancement circuit. 4,553,042, 11-12-85, Cl. 307-263.000.

Batterman, Eric P.: *See—*

Bernard, Francis S.; Eliscu, Steven M.; and Batterman, Eric P., 4,494,214, Cl. 364-724.000.

Chin, Danny; Batterman, Eric P.; and Bolger, Thomas V., 4,523,221, Cl. 358-21.00R.

Batters, Robert C. Electrical therapeutic assembly and method for reducing pain and edema in a hand. 4,554,923, 11-26-85, Cl. 128-421.000.

Battershell, Robert D.: *See—*

Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.

Battery Engineering Inc.: *See—*

Epstein, James; and Marincic, Nikola, 4,507,857, Cl. 29-623.200.

Battey, George L.: *See—*

Calvert, Nathaniel; and Battey, George L., 4,504,089, Cl. 297-214.000.

Battista, Richard A.: *See—*

Smith, William E.; and Battista, Richard A., 4,528,407, Cl. 568-804.000.

Battiste, David R.: *See—*

Kukes, Simon G.; and Battiste, David R., 4,522,702, Cl. 208-89.000.

Battistella, Guido: *See—*

Richelli, Angelo; and Battistella, Guido, 4,553,406, Cl. 62-341.000.

Battistini, Carlo: *See—*

Alpegiani, Marco; Battistini, Carlo; Bedeschi, Angelo; Franceschi, Giovanni; Foglio, Maurizio; and Zarini, Franco, 4,508,649, Cl. 260-245.20R.

Battiston, Joseph, Jr.: *See—*

Battiston, Joseph D., Sr.; and Battiston, Joseph, Jr., 4,518,002, Cl. 135-67.000.

Battiston, Joseph D., Sr.; and Battiston, Joseph, Jr., to Tubular Fabricators Ind., Inc. Foldable walker with plunger actuated latch assembly. 4,518,002, 5-21-85, Cl. 135-67.000.

Battle, Billy J.; and Jones, Lawrence S., to United States Pipe and Foundry Company. Guides for gate valves. 4,532,957, 8-6-85, Cl. 137-375.000.

Battle, Billy J.; Graham, Robert M.; Jones, Lawrence S.; Malizio, Andrew B.; and Rhodes, George F., to United States Pipe and Foundry Company. Restrained pipe joint. 4,540,204, 9-10-85, Cl. 285-231.000.

Battle, Carl W. Legal educational game and method of teaching legal subject matter. 4,509,922, 4-9-85, Cl. 434-322.000.

Battles, James E.: *See—*

Knoedler, Reinhard; Nelson, Paul A.; Shimotake, Hiroshi; and Battles, James E., 4,508,797, Cl. 429-184.000.

Batts, John H.: *See—*

Blanchard, Russell O.; and Batts, John H., 4,556,158, Cl. 223-88.000.

Battson, Donald F., to RCA Corporation. Reducing grain in multiphase-clocked CCD imagers. 4,507,684, 3-26-85, Cl. 358-213.000.

Batty, John R., Jr., to Cordis Corporation. Implant communication system with frequency shift means. 4,532,932, 8-6-85, Cl. 128-631.000.

Batty, John R., Jr.; and Slocum, Chester D., to Cordis Corporation. System and process for enabling a predefined function within an implanted device. 4,550,732, 11-5-85, Cl. 128-419.0PG.

Batty, John R., Jr.: *See*—
Slocum, Chester D.; and Batty, John R., Jr., 4,494,545, Cl. 128-419.00P.

Batz, Hans-Georg: *See*—
Albert, Winfried; Ziegenhorn, Joachim; Siedel, Joachim; Batz, Hans-Georg; Lenz, Helmut; and Pautz, Brigitte, 4,543,325, Cl. 435-7.000.

Batzer, Thomas H.; and Call, Wayne R., to United States of America, Energy. Vacuum pump apparatus. 4,559,787, 12-24-85, Cl. 62-55.500.

Batzill, Wolfgang; and Diefenbach, Horst, to BASF Farben & Fasern AG. Process for coating an electrically conductive substrate. 4,496,672, 1-29-85, Cl. 523-404.000.

Batzold, John S.: *See*—
Hoffman, James E.; and Batzold, John S., 4,560,453, Cl. 204-106.000.

Bau- und Forschungsgesellschaft Thermoform AG: *See*—
Sinner, Michael; Dietrichs, Hans-Hermann; Puls, Jurgen; Schweers, Werner; and Brachthauser, Karl-Heinz, 4,520,105, Cl. 435-163.000.

Bauakademie der Deutschen Demokratischen Republik: *See*—
Kutscher, Fritz; and Zschocke, Christian, 4,538,699, Cl. 180-125.000.

Bauch, Ernst, to Neumunstersche Maschinen- und Apparatebau Gesellschaft mbH (Neumag). Staple fiber cutting machine. 4,528,880, 7-16-85, Cl. 83-411.00R.

Bauche, Heinrich: *See*—
Fricker, Wolfgang-Peter; Scholz, Manfred; Bauche, Heinrich; and Gollasch, Bernd, 4,495,147, Cl. 376-283.000.

Bauchet, Bernard, to Sintra-Alcatel. Feed-through for hybrid circuit box and matching connectors. 4,531,791, 7-30-85, Cl. 339-14.00R.

Bauck, Randall C.; Kleczkowski, S. Peter; and Radman, Anton J., to Iomega Corporation. Magnetic disk drive having a movable drive motor. 4,502,083, 2-26-85, Cl. 360-99.000.

Baucom, Keith B., to SCM Corporation. Perfluoro-keto-ylids as precursors of polychloroketones, 1,2-diketones and quinoxalines. 4,546,184, 10-8-85, Cl. 544-353.000.

Baucum, Dewayne E., to Atlantic Richfield Company. Method and apparatus for installing a roof support member in a mine. 4,491,440, 1-1-85, Cl. 405-288.000.

Bauder, Armin, to Audi NSU Auto Union Aktiengesellschaft. Reciprocating piston engine. 4,524,735, 6-25-85, Cl. 123-196.00R.

Bauder, Armin, to Audi NSU Auto Union Aktiengesellschaft. Cylinder head gasket for internal combustion engines. 4,524,979, 6-25-85, Cl. 277-189.000.

Baudino, Michael D., to Medtronic, Inc. Cardiac output monitor. 4,541,433, 9-17-85, Cl. 128-668.000.

Baudis, Ulrich: *See*—
Beyer, Hans-Hermann; Baudis, Ulrich; and Biberbach, Peter, 4,509,993, Cl. 148-15.500.
Beyer, Hans-Hermann; Baudis, Ulrich; Biberbach, Peter; and Weber, Wolfgang, 4,536,224, Cl. 148-6.110.

Baudon nee Chardon, Sylvie: *See*—
Haldric, Bernard; and Baudon nee Chardon, Sylvie, 4,548,591, Cl. 464-89.000.

Baudoux, Richard; and Webb, Anthony J., to T. D. Williamson, Inc. Pressure activated closure lock. 4,515,287, 5-7-85, Cl. 220-316.000.

Baudrand, Donald W., to Richardson Chemical Company. Electrical contact materials. 4,503,131, 3-5-85, Cl. 428-672.000.

Bauer, Adolf, to Krauss-Maffei Aktiengesellschaft. Mixing head. 4,503,014, 3-5-85, Cl. 422-135.000.

Bauer, Adolf, to Krauss-Maffei Aktiengesellschaft. Mixing head. 4,510,120, 4-9-85, Cl. 422-133.000.

Bauer, Alexander: *See*—
Leistner, Gerhard; Muller, Gerhard; Sell, Gunther; and Bauer, Alexander, 4,517,093, Cl. 210-629.000.

Bauer, Angelo: *See*—
Schonfeld, Harald; and Bauer, Angelo, 4,543,825, Cl. 73-459.000.

Bauer, Anton, to Braun Aktiengesellschaft. Control circuit for holding constant the operating voltage of an electric load. 4,504,777, 3-12-85, Cl. 323-300.000.

Bauer, Armin; Ehrend, Helfried; Morche, Klaus; Nutzel, Karl; and Sauerbier, Michael, to Rhein-Chemie Rheinau GmbH. Use of cross-linked epoxidized fatty oils in vulcanizing polymers. 4,524,182, 6-18-85, Cl. 525-120.000.

Bauer, Bernhard: *See*—
Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.
Hafner, Gunther; Noreikat, Karl-Ernst; Schmidt, Hans-Dieter; Letsche, Ulrich; and Bauer, Bernhard, 4,546,426, Cl. 364-153.000.
Olschewski, Armin; Herrmann, Gerhard; and Bauer, Bernhard, 4,512,670, Cl. 384-147.000.
Olschewski, Armin; Herrmann, Gerhard; Bauer, Bernhard; and Zirk, Elisabeth, 4,512,672, Cl. 384-477.000.
Olschewski, Armin; and Bauer, Bernhard, 4,534,095, Cl. 29-148.40C.

Bauer Bros. Co., The: *See*—
Engall, John F., 4,491,504, Cl. 162-237.000.

Bauer, Carl F.; Hussey, James H.; Langston, Benny; and Parikh, Niranjan M., to American Can Company. Flux in recovery of aluminum in reverberatory furnace and method of making. 4,501,614, 2-26-85, Cl. 75-257.000.

Bauer, Dan O.: *See*—
Tew, Sydney K., and Bauer, Dan O., 4,530,487, Cl. 251-138.000.

Bauer, Daniel: *See*—
Kalopissis, Gregoire; Gallien, Jacqueline; Jacquet, Bernard; Bauer, Daniel; and Chalaye, Jean Phillipe, 4,545,978, Cl. 424-10.000.

Bauer, Denise; Komornicki, Jacques; and Tellier, Jacques, to Societe Nationale Elf Aquitaine. Process of liquid-liquid extraction of metals, with the aid of a microemulsion, from an aqueous solution. 4,555,343, 11-26-85, Cl. 210-643.000.

Bauer, Denise ; Fourre, Patrick; and Sabot, Jean-Louis, to Rhone-Poulenc Specialites Chimiques. Liquid/liquid extraction of gallium values from basic aqueous solutions thereof. 4,559,203, 12-17-85, Cl. 423-112.000.

Bauer, Dennis P., to Ethyl Corporation. Process for preparing amino acid esters. 4,496,756, 1-29-85, Cl. 560-41.000.

Bauer, Dennis P.: *See*—
Lee, John Y.; and Bauer, Dennis P., 4,514,575, Cl. 568-17.000.

Bauer, Eckhart: *See*—
Engel, Wolfhard; Bauer, Eckhart; Trummlitz, Gunter; Danneberg, Peter; and Kahling, Joachim, 4,536,402, Cl. 514-443.000.

Bauer, Eric; and Moulin, Blaise, to Caracteres S.A. Removable printing disc coupling for printing machine. 4,542,999, 9-24-85, Cl. 400-175.000.

Bauer, Ewald; and Krejza, Jurgen, to Wurttembergische Metallwarenfabrik AG. Saucepan lid with detachable handle. 4,512,495, 4-23-85, Cl. 220-316.000.

Bauer, Frederick C., to Allis-Chalmers Corporation. Hand and foot throttle control linkage. 4,502,348, 3-5-85, Cl. 74-482.000.

Bauer, Friedrich; and Leonhard, Kurt, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Air-compressing, direct-injection internal combustion engine. 4,501,239, 2-26-85, Cl. 123-261.000.

Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans J., to Bauer, Fritz; and Sohne oHG. Angle joint. 4,527,925, 7-9-85, Cl. 403-143.000.

Bauer, Fritz. Adjustable mountings for a movie camera. 4,536,066, 8-20-85, Cl. 352-35.000.

Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans Jurgen, to Bauer, Fritz; and Sohne oHG. Lockable tilting apparatus for chair seats. 4,555,085, 11-26-85, Cl. 248-561.000.

Bauer, Fritz E.: *See*—
Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.

Bauer, Gerald; and Swan, Henry B., to B&B Specialties Inc. Insulated flue assembly. 4,543,942, 10-1-85, Cl. 126-314.000.

Bauer, Gerd F., to Modern Equipment Company. Method and apparatus for the treatment of iron with a reactant. 4,509,979, 4-9-85, Cl. 75-130.00R.

Bauer, Gerhard; Hees, Eckart; and Beckers, Karl-Dieter, to Thyssen Aktiengesellschaft vorm. August Thyssen-Hutte; and Martin & Pagenstecher GmbH. Slidable closure element for slide closures of metallurgical vessels. 4,508,241, 4-2-85, Cl. 222-600.000.

Bauer, Gordon L., to Wyrepak Industries, Inc. Cap assembly with friction drag on tension brush. 4,508,290, 4-2-85, Cl. 242-128.000.

Bauer, Gunter; and Eckert, Joachim, to GfE Gesellschaft fur Elektrometallurgie mbH. Method of recovering molybdenum oxide. 4,512,958, 4-23-85, Cl. 423-55.000.

Bauer, Hanns-Georg: *See*—
Zollner, Dieter; Lauterbach-Dammler, Inge; Taube, Thomas; Lades, Hans; Liebel, Siegfried; and Bauer, Hanns-Georg, 4,531,219, Cl. 373-101.000.

Bauer, Hannsgeorg: *See*—
Schudlich, Kurt; Vielstich, Gunter; Muhlenbeck, Josef; Otto, Josef; Bauer, Hannsgeorg; Zollner, Dieter H.; and Rittmann, Friedrich, 4,518,365, Cl. 445-67.000.

Bauer, Hans; and Schmitz, Heinz-Withold, to Klockner-Humboldt-Deutz AG. Method and apparatus for reclaiming foundry sand. 4,491,277, 1-1-85, Cl. 241-5.000.

Bauer, Hans J.; and Garben, Bernd, to International Business Machine Corporation. Method and apparatus for making ohmic and/or Schottky barrier contacts to semiconductor substrates. 4,545,115, 10-8-85, Cl. 29-590.000.

Bauer, Hans J.: *See*—
Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans J., 4,527,925, Cl. 403-143.000.

Bauer, Hans Jurgen: *See*—
Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans Jurgen, 4,555,085, Cl. 248-561.000.

Bauer, Hans-Peter: *See*—
Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans J., 4,527,925, Cl. 403-143.000.
Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans Jurgen, 4,555,085, Cl. 248-561.000.

Bauer, Heinz; and Becker, Hans, to Linde Aktiengesellschaft. Multi-stage rectification of gaseous hydrocarbons containing sour gases. 4,512,782, 4-23-85, Cl. 55-48.000.

Bauer, Helmut: *See*—
Krob, Erwin; Leichtfried, Friedrich; and Bauer, Helmut, 4,496,167, Cl. 280-605.000.
Krob, Erwin; and Bauer, Helmut, 4,506,905, Cl. 280-633.000.
Krob, Erwin; and Bauer, Helmut, 4,533,155, Cl. 280-628.000.
Svoboda, Josef; Krob, Erwin; and Bauer, Helmut, 4,531,758, Cl. 280-628.000.

Bauer, Henry W., III; and Shukla, Ravindra S., to Coulter Electronics, Inc. Method and compositions for determination of gamma glutamyl transpeptidase. 4,560,650, 12-24-85, Cl. 435-15.000.

Bauer, Hermann: *See—*
- Spielmann, Norbert; and Bauer, Hermann, 4,531,452, Cl. 92-168.000.

Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., to Khimiko-Metallurgichesky Institut. Shaft furnace for heat treatment of finely dispersed materials. 4,494,930, 1-22-85, Cl. 432-95.000.

Bauer, James J.; and Strautins, Vilnis, to Clark Equipment Company. Adjustable steering column. 4,495,834, 1-29-85, Cl. 74-493.000.

Bauer, James J., to Clark Equipment Company. Plugging defeat system for electric motors. 4,499,409, 2-12-85, Cl. 318-383.000.

Bauer, James J.: *See—*
- Trusock, George J.; Bauer, James J.; and Gandhi, Bhupen, 4,500,819, Cl. 318-106.000.

Bauer, Jean-Michel: *See—*
- Hubert, Jean-Marie; Bauer, Jean-Michel; and Mollet, Serge, 4,496,621, Cl. 428-236.000.
- Hubert, Jean-Marie; Bauer, Jean-Michel; and Abouchar, Raif, 4,561,461, Cl. 137-561.00A.

Bauer, Johannes: *See—*
- Dalferth, Hans H.; and Bauer, Johannes, 4,505,103, Cl. 59-85.000.

Bauer, John F.; and Shada, Douglas M., to Abbott Laboratories. Acid salts of valproic acid. 4,558,070, 12-10-85, Cl. 514-557.000.

Bauer, Karl: *See—*
- Runkel, Walter; Lenk, Erich; and Bauer, Karl, 4,529,378, Cl. 432-59.000.
- Runkel, Walter; Lenk, Erich; and Bauer, Karl, 4,560,347, Cl. 432-59.000.

Bauer, Klaus: *See—*
- Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, 4,492,598, Cl. 71-93.000.

Bauer, Kurt; Fischer, Karl-Heinz; and Huber, Heinz, to Robert Bosch GmbH. Method of detecting execution errors in program-controlled apparatus. 4,535,456, 8-13-85, Cl. 371-16.000.

Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, to SWF Auto-Electric GmbH; and Daimler-Benz Aktiengesellschaft. Windshieid wiper-arm assembly. 4,559,663, 12-24-85, Cl. 15-250.350.

Bauer, Kurt H. Process for the production of readily soluble 5-aminosalicylic acid preparations, compositions and methods of use. 4,540,685, 9-10-85, Cl. 514-162.000.

Bauer, Lothar: *See—*
- Schleiermacher, Herbert; and Bauer, Lothar, 4,497,287, Cl. 123-52.0MC.

Bauer, Marshall, to Nation Enterprises, Inc. Dough forming molding assembly. 4,511,324, 4-16-85, Cl. 425-398.000.

Bauer, Martin W.; Thys, Carl J.; Fredriksen, Peter A.; Robin, David J.; and Schaar, Richard J., to International Jensen Incorporated. Front panel for electronic device such as an automotive radio and method for installing same. 4,562,595, 12-31-85, Cl. 455-345.000.

Bauer, Michael T., to National Viewtech Corp. Liquid coupling system for video projectors. 4,511,927, 4-16-85, Cl. 358-250.000.

Bauer, Paul, to Beru-Werk, Albert Ruprecht, GmbH & Co. KG, Firma. Self-regulating electric glow plug. 4,556,781, 12-3-85, Cl. 219-270.000.

Bauer, Rainer: *See—*
- Muller, Thomas; and Bauer, Rainer, 4,520,673, Cl. 73-623.000.

Bauer, Robert, to Miles Laboratories, Inc. Color comparison reference standard and method for using same. 4,523,852, 6-18-85, Cl. 356-421.000.

Bauer, Robert K.: *See—*
- McNamara, Robert P.; Ennis, Gregory B.; Feiertag, Richard J.; and Bauer, Robert K., 4,533,948, Cl. 358-122.000.

Bauer, Roger E.; Straalsund, Jerry L.; and Chin, Bryan A., to United States of America, Energy. Comminuting irradiated ferritic steel. 4,507,227, 3-26-85, Cl. 252-626.000.

Bauer, Siegfried: *See—*
- Stockburger, Hermann; and Bauer, Siegfried, 4,505,471, Cl. 271-251.000.
- Stockburger, Hermann; Winderlich, Hans-Georg; Bauer, Siegfried; and Adamovic, Zeljko H., 4,533,237, Cl. 355-40.000.
- Stockburger, Hermann; and Bauer, Siegfried, 4,546,242, Cl. 235-454.000.

Bauer, Thomas A.: *See—*
- Russo, Frank A.; Pauwels, Michael A.; and Bauer, Thomas A., 4,556,942, Cl. 364-431.070.

Bauer, Thomas J.: *See—*
- Pauwels, Michael A.; Wright, Danny O.; Harvey, Bruce J.; and Bauer, Thomas J., 4,512,317, Cl. 123-478.000.

Bauer, Walter; Farber, Heinrich; and Muller, Jurgen, to AGFA-Gevaert, A.G. Film cassette. 4,493,545, 1-15-85, Cl. 354-277.000.

Bauer, Walter, to AGFA-Gevaert, A.G. Means for converting X-rays into radiation which darkens X-ray films. 4,499,381, 2-12-85, Cl. 250-483.100.

Bauer, Wilfried; and Pless, Janos, to Sandoz Ltd. Polypeptides, processes for their production, pharmaceutical compositions comprising said polypeptides and their use. 4,496,543, 1-29-85, Cl. 514-11.000.

Bauer, Wilhelm: *See—*
- Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.
- Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, 4,511,214, Cl 350-632.000.

Bauer, Wolfgang; and Grosser, Werner, to Karl Schmidt GmbH. Device for making a firm, but releasable joint between a steering wheel and a locking bolt. 4,510,821, 4-16-85, Cl. 74-552.000.

Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, to Bayer Aktiengesellschaft. ABS-Polycarbonate mixtures which have improved flame resistance. 4,548,987, 10-22-85, Cl. 525-67.000.

Bauerle, Rainer: *See—*
- Wallroth, Carl F.; and Bauerle, Rainer, 4,522,213, Cl. 128-716.000.

Bauerle, Rolf: *See—*
- Defago, Raymond; and Bauerle, Rolf, 4,543,102, Cl. 8-471.000.

Bauers, Barton M.; Raudat, John L.; Ehlers, Raymond C.; and Thompson, Timothy H. Continuous motion packer controller. 4,522,011, 6-11-85, Cl. 53-55.000.

Bauerschmidt, Werner, to Grundig E.M.V. Linearized phase lock loop FM-demodulator. 4,523,151, 6-11-85, Cl. 329-124.000.

Baues, Peter, to Siemens Aktiengesellschaft. Device for transmitting measured values to a remote location. 4,525,873, 6-25-85, Cl. 455-600.000.

Baues, Peter, to Siemens Aktiengesellschaft. Device for transmitting measured values to a remote location. 4,525,874, 6-25-85, Cl. 455-600.000.

Baugh, Benton F. Valve assembly. 4,492,359, 1-8-85, Cl. 251-1.00A.

Baugh, Benton F. Torus type connector. 4,516,795, 5-14-85, Cl. 285-315.000.

Baugh, Benton F.; Henderson, Herman O., Jr.; Fowler, John H.; and Ahlstone, Arthur, to Smith International, Inc. Breech block hanger support well completion method. 4,540,053, 9-10-85, Cl. 166-348.000.

Baugh, Benton F.: *See—*
- Leicht, Frederick M.; Baugh, Benton F.; and Palany, Harish C., 4,548,273, Cl. 166-348.000.

Baugh, Bill T.: *See—*
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- Summers, Kenneth L.; and Baughman, Gary M., 4,534,481, Cl. 215-253.000.

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- Bauman, Bernard D., to Air Products and Chemicals, Inc. Visual quality control method for barrier treated containers. 4,552,847, 11-12-85, Cl. 136-5.000.
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  - Wallace, Robert S., 4,556,996, Cl. 623-2.000.
- Bauman, Robert A., to Colgate-Palmolive Company. N-Alkylisostearamides as antistatic agents. 4,497,715, 2-5-85, Cl. 252-8.800.
- Bauman, Robert C. Soft contact lens with surface identification and method of using same. 4,525,044, 6-25-85, Cl. 351-160.00H.
- Bauman, Therese M.; and Lee, Chi-Long, to Dow Corning Corporation. Nonslumping foamable polyorganosiloxane compositions containing silica and fibers. 4,529,741, 7-16-85, Cl. 521-99.000.
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- Baumann, Arthur, to Mettler Instrumente AG. Apparatus for automatically monitoring a constant current source in a measuring instrument. 4,549,623, 10-29-85, Cl. 177-212.000.
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- Baumann, Hans-Peter, to Sandoz Ltd. Polybenzoates as disperse dyeing assistants. 4,516,979, 5-14-85, Cl. 8-583.000.
- Baumann, Hansjorg W., to Lonza Ltd. Insulating insert for storage or transportation container. 4,497,859, 2-5-85, Cl. 428-71.000.
- Baumann, Heinrich, to Robert Bosch GmbH. Positioning sensor. 4,528,471, 7-9-85, Cl. 310-11.000.
- Baumann, Heinz, to Schaum-Chemie W. Bauer GmbH & Co. KG. Method of preparing a urea-formaldehyde combination foam that is low in formaldehyde. 4,537,913, 8-27-85, Cl. 521-107.000.
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- Baumann, John A.: *See—*
  - Michel, Christian G.; Schachter, Rozalie; Kuck, Mark A.; Baumann, John A.; and Raccah, Paul M., 4,508,931, Cl. 136-255.000.
- Baumann, Ludwig G. Device for the treatment of the eyes with a washing or bathing liquid. 4,493,119, 1-15-85, Cl. 4-620.000.
- Baumann, Marcus: *See—*
  - Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, 4,514,415, Cl. 514-470.000.
  - Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, 4,558,043, Cl. 514-210.000.
- Baumann, Rainer, to Honeywell Inc. Ring laser gyroscope. 4,533,248, 8-6-85, Cl. 356-350.000.
- Baumann, Theodor; and Schreyegg, Otmar, to Philipp Holzmann Aktiengesellschaft. Molding device for sub-soil curtain wall sections. 4,499,699, 2-19-85, Cl. 52-169.100.
- Baumann, Ubald A., to Marmet Corp. Glazed curtain wall construction. 4,545,161, 10-8-85, Cl. 52-235.000.
- Baumann, William J., to Motorola, Inc. Pulse deinterleaving signal processor and method. 4,516,220, 5-7-85, Cl. 364-715.000.
- Baumann, Wolfgang, to FA. Elga Elektro- und Apparatebau GmbH. Method of braze-jointing metallic profile components. 4,497,428, 2-5-85, Cl. 228-175.000.
- Baumbach, Bertram W., to Reliance Electric Company. Line protector for a communications circuit. 4,502,088, 2-26-85, Cl. 361-124.000.
- Baumbach, Per L.; and Poulsen, Jorgen, to Radiometer A/S. Method for transcutaneous measurement of a blood parameter and an electrochemical measuring electrode device for carrying out the method. 4,539,994, 9-10-85, Cl. 128-635.000.
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- Baumeister, Hans P., to Eastman Kodak Company. Corona generating apparatus and method. 4,511,244, 4-16-85, Cl. 355-14.0FU.
- Baumeister, Hans-Peter, to Eastman Kodak Company. Digital circuit with improved input/output connections. 4,547,056, 10-15-85, Cl. 354-412.000.
- Baumeister, Hans-Peter, to Eastman Kodak Company. Method/apparatus for playback of color video still pictures from a magnetic disk. 4,553,175, 11-12-85, Cl. 358-310.000.
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- Baumer, Klaus: *See—*
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  - Wiegand, Herbert; and Baumer, Klaus, 4,499,861, Cl. 123-1.00A.
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- Baumert, Dietrich: *See—*
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- Baumgartel, Patrice, to Carl-Zeiss-Stiftung. Spacing safety mechanism for operation microscopes with electromotive stands. 4,531,816, 7-30-85, Cl. 350-521.000.
- Baumgarten, Gerd D., to Heinrich Baumgarten KG Eisen- und Blechwarenfabrik. Lid button with a controllable steam outlet. 4,557,396, 12-10-85, Cl. 220-206.000.
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- Baumgarth, Rolf: *See—*
  - Brearey, Nicholas J.; and Baumgarth, Rolf, 4,538,228, Cl. 364-426.000.
- Baumgartner, Charles E.: *See—*
  - Karas, Bradley R.; and Baumgartner, Charles E., 4,500,566, Cl. 427-115.000.
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- Baumgartner, Edward W.: *See—*
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  - Sudbeck, Rainer; and Baumgartner, Hans, 4,514,153, Cl. 418-69.000.
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- Baumgartner, Merzia: *See—*
  - Andreolla, Florian, 4,531,767, Cl. 285-220.000.
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  - Boegli, Serge; and Lebet, Jean-Pierre, 4,501,579, Cl. 493-45.000.
- Baumgartner, Steven A.: *See—*
  - Campbell, Clarence R.; Mickelson, Elliot S.; and Baumgartner, Steven A., 4,532,098, Cl. 264-320.000.
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- Baumhardt, Robert J., to Brunswick Corporation. Two cycle loop scavenged engine with improved transfer passage flow. 4,549,507, 10-29-85, Cl. 123-59.00B.
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- Baumoel, Joseph. Cast metal sonic transducer housing. 4,556,813, 12-3-85, Cl. 310-334.000.
- Baunach, Steven C.; Riley, James A.; and Okimura, Lucy, to Pitney Bowes Inc. Word processing system with foreground/background capability. 4,545,015, 10-1-85, Cl. 364-200.000.
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  - Roller, Hermann; Lehner, August; Hack, Joachim; Grau, Werner; Balz, Werner; and Baur, Reinhold, 4,534,999, Cl. 427-130.000.
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- Baur, Robert, to Automation Industries, Inc. Plug and receptacle connector locking means. 4,531,801, 7-30-85, Cl. 339-89.00M.
- Baur, Roland: *See—*
  - Biondetti, Mario; and Baur, Roland, 4,501,040, Cl. 8-156.000.
- Baur, Walter: *See—*
  - Hauers, Manfred; and Baur, Walter, 4,524,566, Cl. 53-534.000.
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- Baus, Heinz G. Structural assembly, for shower partition or the like. 4,512,045, 4-23-85, Cl. 4-610.000.
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- Baus, Richard E.; and Swift, Graham, to Rohm and Haas Company. Emulsion polymer of heterogeneous molecular weight and preparation thereof. 4,501,845, 2-26-85, Cl. 524-460.000.
- Bausch & Lomb Incorporated: *See—*
  - Augusto, Peter, 4,496,225, Cl. 351-234.000.
  - Augusto, Peter; and Stevens, Donn E., 4,496,226, Cl. 351-234.000.
  - Bridson, William D.; and Esmay, Edward N., 4,505,556, Cl. 350-532.000.
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  - Clark, James A.; and Gabriel, Alfred P., 4,512,206, Cl. 74-10.540.
  - Esmay, Edward N., 4,527,870, Cl. 350-523.000.
  - Friends, Gary D.; Melpolder, John B.; Kunzler, Jay F.; and Park, Joon S., 4,495,361, Cl. 556-419.000.
  - Huckenbeck, Claus O., 4,554,744, Cl. 33-241.000.
  - Kunzler, Wilhelm F.; and Coombs, William F., 4,555,372, Cl. 264-2.100.
  - Murr, William C., 4,558,933, Cl. 351-226.000.
  - Ogunbiyi, Lai; Scott, Francis L.; and Smith, Francis X., 4,537,746, Cl. 422-28.000.
  - Petersen, David A., 4,547,968, Cl. 33-32.00R.
  - Stevens, Donn E., 4,500,180, Cl. 351-234.000.
- Bausch, Max: *See—*
  - Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.
  - Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, 4,511,214, Cl. 350-632.000.
- Bauscher, Billy J.: *See—*
  - Sandy, Julius W.; Riebock, William D.; and Bauscher, Billy J., 4,536,107, Cl. 408-214.000.
- Bause, Roland. Electronically controlled fuel injection system. 4,541,272, 9-17-85, Cl. 73-118.000.
- Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, to Irion & Vosseler GmbH & Co. & Zahlerfabrik. Stamping foils and methods. 4,495,232, 1-22-85, Cl. 428-41.000.
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  - Rohrbach, Hans-Joerg, 4,494,928, Cl. 432-13.000.
- Bautista, John; and Miller, Lawrence H., to Ideal School Supply Corporation. Paper guide for paper cutter. 4,494,430, 1-22-85, Cl. 83-468.000.
- Bavelloni, Franco, to Z. Bavelloni S.p.A. Pressure shoe for glass processing apparatus. 4,537,301, 8-27-85, Cl. 198-626.000.
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- Bawa, Mohendra S.: *See—*
  - Witter, David E.; and Bawa, Mohendra S., 4,547,258, Cl. 156-605.000.
- Bawks, James R.: *See—*
  - Dissett, Walter L.; and Bawks, James R., 4,557,158, Cl. 74-650.000.
- Bax, Hanns-Jorg: *See—*
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- Baxter, Alan R., to Jacmorr Manufacturing Limited. Three part slide. 4,537,450, 8-27-85, Cl. 308-3.800.
- Baxter Corporation, The: *See—*
  - Bowen, John C., Jr., deceased; and Bowen, Wiley C., executrix, 4,513,789, Cl. 139-85.000.
- Baxter, Gary R.: *See—*
  - Springer, Richard E.; and Baxter, Gary R., 4,549,829, Cl. 403-57.000.
- Baxter, Gregory R.: *See—*
  - Southworth, Peter R.; and Baxter, Gregory R., 4,540,326, Cl. 414-217.000.
- Baxter, Jack L.: *See—*
  - Sermersheim, DeWayne T.; and Baxter, Jack L., 4,500,303, Cl. 474-112.000.
- Baxter, John: *See—*
  - Bishop, Arthur E.; and Baxter, John, 4,561,516, Cl. 180-142.000.
- Baxter, Kenneth D.: *See—*
  - Espiritu Santo, Eugenio; Baxter, Kenneth D.; and Bluem, Gary R., 4,510,814, Cl. 73-862.570.
- Baxter, Kenneth F., to International Paint Public Limited Company. Anti-corrosive paint. 4,505,748, 3-19-85, Cl. 106-14.390.
- Baxter, Kenneth F.: *See—*
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- Baxter, Kern C. A.; and Grm, Heinz-Gert. Pressure exerting device. 4,516,568, 5-14-85, Cl. 128-70.000.
- Baxter, Leslie A.; and Brown, Sanford S., to AT&T Bell Laboratories. Dual bus communication system. 4,535,448, 8-13-85, Cl. 370-85.000.
- Baxter, Martin G.; Elphick, Albert R.; Miller, Alistair A.; and Sawyer, David A. Substituted aromatic compounds. 4,560,687, 12-24-85, Cl. 514-242.000.
- Baxter, Otela; and Spector, George. Mountain climb and slide. 4,546,965, 10-15-85, Cl. 272-56.50R.
- Baxter, Ronald D., to General Signal Corporation. ISFET sensor and method of manufacture. 4,505,799, 3-19-85, Cl. 204-416.000.
- Baxter, Ronald D.: *See—*
  - Freud, Paul J.; Baxter, Ronald D.; and Kroninger, Paul M., Jr., 4,542,435, Cl. 361-283.000.
- Baxter Technologies Inc.: *See—*
  - Heathe, William R., 4,518,205, Cl. 308-3.00R.
- Baxter Travenol Laboratories, Inc.: *See—*
  - Aid, James D.; and Lindsay, Edward R., 4,554,069, Cl. 210-101.000.
  - Bilstad, Arnold C.; Foley, John T.; and Woodworth, Walker P., 4,493,693, Cl. 604-6.000.
  - Bilstad, Arnold C.; Foley, John T.; and Woodworth, Walker P., 4,498,983, Cl. 210-97.000.
  - Bilstad, Arnold C.; and Foley, John T., 4,501,531, Cl. 417-63.000.
  - Bohman, Paul; Hart, John; and Fabisiewicz, Gene, 4,507,114, Cl. 604-111.000.
  - Brown, Richard L., 4,530,691, Cl. 494-45.000.

- Cabernoch, James L.; and White, Leonard A., 4,558,792, Cl. 215-11.00R.
- Calamai, Edward G.; and Daigle, Martha A., 4,508,643, Cl. 260-112.00B.
- DeVries, James H., 4,526,515, Cl. 417-63.000.
- D'Silva, Edmund D., 4,515,535, Cl. 417-360.000.
- Fentress, Philip W.; Kenley, Rodney S.; and Schnell, William J., 4,552,721, Cl. 422-28.000.
- Fowles, Thomas A.; Slater, Glenn L.; and Winchell, David A., 4,511,529, Cl. 264-515.000.
- Fowles, Tom A.; Lee, Robert; Richmond, Frank M.; and Tobiasz, Henry, 4,497,104, Cl. 29-419.00R.
- Gajewski, Henry M.; and Measells, Paul, 4,505,708, Cl. 604-408.000.
- Gajewski, Henry M.; Vernick, Barry H.; Measells, Paul E.; and Garber, Jan W., 4,507,387, Cl. 435-2.000.
- Garver, Edward B., Sr.; and Zabielski, Kenneth D., 4,508,534, Cl. 604-111.000.
- Gokcen, Cem; and Williams, Robert J., 4,510,115, Cl. 264-515.000.
- Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., 4,560,472, Cl. 210-140.000.
- Hitchcock, James R., Jr.; and Nevens, Charles J., 4,519,795, Cl. 604-289.000.
- Karpowicz, John L.; and Zielsdorf, Randall A., 4,554,492, Cl. 318-309.000.
- Keilman, Michael R.; and West, Richard, 4,508,236, Cl. 215-308.000.
- Kersten, Jean; and Mathias, Jean M., 4,517,090, Cl. 210-493.200.
- Kulin, Ralph; Granzow, Daniel B.; and Danielsen, Brant R., 4,500,788, Cl. 250-455.100.
- Kulin, Ralph; Moncrief, Jack W.; Popovich, Robert P.; and Stauber, Ronald C., 4,503,333, Cl. 250-455.100.
- Mason, Joe; and Eckert, Hermann F., 4,521,366, Cl. 264-312.000.
- Miller, Carl; and Hogan, Lawrence R., 4,513,796, Cl. 141-83.000.
- Munsch, John M.; Danielsen, Brant R.; and Miller, Jimmy L., 4,541,829, Cl. 604-80.000.
- Olson, Raymond G., 4,504,200, Cl. 417-476.000.
- Olson, Raymond G., 4,540,351, Cl. 417-476.000.
- Pekkarinen, Michael O., 4,526,574, Cl. 604-52.000.
- Rudzena, William L.; Frederick, Warren P.; and Stone, Albert, 4,504,265, Cl. 604-86.000.
- Ruschke, Rick R., 4,521,212, Cl. 604-126.000.
- Ruschke, Ricky R., 4,548,600, Cl. 604-122.000.
- Soika, Emil H., 4,496,352, Cl. 604-263.000.
- Stone, Albert; Pyde, Edwin; and Carveth, Peter, 4,496,046, Cl. 206-219.000.
- Stone, Albert; Pyde, Edwin; and Carveth, Peter, 4,519,499, Cl. 206-219.000.
- Thomas, William R., 4,495,278, Cl. 435-5.000.
- White, Leonard A., 4,495,135, Cl. 264-553.000.
- White, Leonard A., 4,521,466, Cl. 428-35.000.
- White, Leonard A., 4,526,803, Cl. 427-14.100.
- Winchell, David A.; and Fowles, Thomas A., 4,539,172, Cl. 264-515.000.

Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., to Data General Corporation. Digital data processing system. 4,493,024, 1-8-85, Cl. 364-200.000.

Baxter, Ward, II: *See—*

- Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.

Baxter, William J. Smokestack emission control apparatus. 4,528,005, 7-9-85, Cl. 55-178.000.

Bay, David L.: *See—*

- Knoll, William C.; and Bay, David L., 4,525,649, Cl. 315-96.000.
- Knoll, William C.; and Bay, David L., 4,532,456, Cl. 315-223.000.

Bay Mills Limited: *See—*

- Boucher, Ray, 4,555,298, Cl. 156-523.000.
- O'Connor, Terry J.; and Cooper, Ian G., 4,491,617, Cl. 428-236.000.
- O'Connor, Terry J.; and Cooper, Ian G., 4,539,254, Cl. 428-236.000.

Bay, Paul G.; Boyer, Nicodemus E.; and Sienkowski, Kenneth J., to PPG Industries, Inc. Polybromo dinaphthyl ethers. 4,546,139, 10-8-85, Cl. 524-367.000.

Bay, William P. Helmet shield apparatus. 4,495,657, 1-29-85, Cl. 2-10.000.

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Bayer Aktiengesellschaft: *See—*

- Arend, Gunter; Konigshofen, Heinrich; Muller, Peter; and Musch, Rudiger, 4,528,388, Cl. 549-448.000.
- Arlt, Dieter, 4,508,913, Cl. 549-320.000.
- Arndt, Frank; Claussen, Uwe; Harnisch, Horst; and Schellhammer, Carl-Wolfgang, 4,526,705, Cl. 252-301.320.
- Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, 4,518,812, Cl. 568-946.000.
- Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, 4,533,776, Cl. 568-946.000.
- Baasner, Bernd; and Klauke, Erich, 4,558,166, Cl. 570-144.000.
- Balle, Gerhard; Rasshofer, Werner; and Schoberth, Winfried, 4,506,039, Cl. 521-137.000.
- Balser, Klaus, 4,508,895, Cl. 536-91.000.
- Bartl, Herbert; Alberts, Heinrich; and Schuster, Klaus, 4,501,871, Cl. 527-313.000.
- Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, 4,548,987, Cl. 525-67.000.
- Beck, Gunther, 4,555,577, Cl. 548-200.000.
- Beck, Ulrich; Stohr, Frank-Michael; and Nickel, Horst, 4,521,217, Cl. 8-639.000.
- Beecken, Hermann, 4,540,523, Cl. 260-465.00D.
- Beecken, Hermann, 4,558,133, Cl. 546-329.000.
- Behre, Horst; Blank, Heinz U.; Burmeister, Gerhard; and Lindner, Otto, 4,534,905, Cl. 260-505.00C.
- Behre, Horst; Blank, Heinz U.; Seyberlich, Alfred; and Hagedorn, Ferdinand, 4,540,817, Cl. 564-218.000.
- Benninghoven, Alfred; Kampf, Gunther; and Holm, Reimer, 4,527,059, Cl. 250-288.000.
- Benz, Gunter; Metzger, Karl G.; and Zeiler, Hans-Joachim, 4,535,083, Cl. 514-274.000.
- Biermann, Hans-Peter, Kohler, Peter; and Heine, Heinrich, 4,491,619, Cl. 428-403.000.
- Binsack, Rudolf; Rempel, Dieter; Lindner, Christian; and Morbitzer, Leo, 4,535,124, Cl. 525-67.000.
- Bockmann, Walter; Bruhne, Friedrich; and Lipper, Karl-August, 4,528,146, Cl. 260-544.00D.
- Boehmke, Gunther; Mazanek, Jan; Botsch, Hans-Jurgen; and Schneider, Gottfried, 4,547,199, Cl. 44-51.000.
- Bonse, Gerhard; Marzolph, Gerhard; and Blank, Heinz U., 4,496,736, Cl. 546-327.000.
- Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.
- Bonten, Heinz; Nielinger, Werner; Michael, Dietrich; and Haupt, Heinrich, 4,525,505, Cl. 524-100.000.
- Bornatsch, Wolfgang; Kuth, Robert; and Perrey, Hermann, 4,502,863, Cl. 8-524.000.
- Brandes, Wilhelm; Kaspers, Helmut; Reinecke, Paul; Scheinpflug, Hans; and Kramer, Wolfgang, 4,514,402, Cl. 514-250.000.
- Brandes, Wilhelm; and Daum, Werner, 4,518,605, Cl. 514-383.000.
- Brandes, Wilhelm; and Daum, Werner, 4,537,905, Cl. 514-521.000.
- Brandt, Horst; Gehrke, Gunter; Muders, Rolf; Otten, Hans-Gunter; and Wiegner, Dieter, 4,523,926, Cl. 8-639.000.
- Brassat, Bert; Buysch, Hans-Josef; Hermann, Karl H.; and Haupt, Heinrich, 4,551,495, Cl. 524-94.000.
- Brauer, Wolfgang; Korte, Siegfried; Neukam, Theo; and Suling, Carlhans, 4,535,139, Cl. 526-287.000.
- Breidenbach, Peter; Hurnik, Helmut; and Pedain, Josef, 4,518,729, Cl. 524-101.000.
- Brinkwerth, Wolfgang; Huffer, Wolfgang; Raue, Roderich; Schieder, Rudolf; and Telle, Helmut, 4,551,265, Cl. 252-301.170.
- Brokmeier, Dieter, 4,528,302, Cl. 523-204.000.
- Brunn, Horst; Hund, Franz; Rambold, Wolfgang; Kresse, Peter; and von Szadkowski, Gerd, 4,492,600, Cl. 106-14.340.
- Casper, Rudolf; Wendling, Peter; Konter, Wolfgang; Pampus, Gottfried; and Hohmann, Gerhard, 4,525,561, Cl. 526-220.000.
- Claussen, Uwe, 4,492,648, Cl. 252-582.000.
- Claussen, Uwe; Merten, Josef; Rohr, Harry; and Melchior, Bernd, 4,492,778, Cl. 523-137.000.
- Claussen, Uwe, 4,519,935, Cl. 252-299.100.
- Claussen, Uwe; and Harnisch, Horst, 4,544,496, Cl. 252-301.350.
- Claussen, Uwe; Hannes, Hellmut; and Weber, Hans-Leo, 4,544,583, Cl. 428-1.000.
- Cohnen, Wolfgang; Kircher, Klaus; Muller, Peter R.; Krishnan, Sivaram; and Neuray, Dieter, 4,552,911, Cl. 524-94.000.
- Colln, Reimer; and Mohrmann, Karl H., 4,528,379, Cl. 546-209.000.
- Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., 4,517,141, Cl. 264-4.700.
- de Montigny, Armand; Illger, Hans-Walter; Gonzalez-Doerner, Alberto C.; and Moretto, Hans-Heinrich, 4,497,962, Cl. 556-446.000.
- Dhein, Rolf; Rottmaier, Ludwig; Merten, Rudolf; and Siebourg, Wolfgang, 4,520,147, Cl. 524-100.000.
- Dickore, Karlfried; and Kuhle, Engelbert, 4,491,671, Cl. 560-115.000.
- Ebert, Wolfgang; Meyer, Rolf-Volker; Idel, Karsten-Josef; and Dhein, Rolf, 4,535,149, Cl. 528-388.000.
- Ebneth, Harold; Wolf, Gerhard D.; and Giesecke, Henning, 4,522,889, Cl. 428-614.000.
- Eckstein, Udo, 4,510,311, Cl. 548-132.000.
- Eichenauer, Herbert; Doring, Joachim; Ott, Karl-Heinz; and Bottenbruch, Ludwig, 4,560,726, Cl. 525-71.000.
- Elbe, Hans-Ludwig; Buchel, Karl H.; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,500,537, Cl. 514-383.000.
- Elbe, Hans-Ludwig; and Hammann, Ingeborg, 4,501,753, Cl. 514-447.000.
- Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; and Scheinpflug, Hans, 4,547,515, Cl. 514-383.000.
- Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Hanssler, Gerd; and Reinecke, Paul, 4,562,198, Cl. 514-383.000.
- Fauss, Rudolf; Linker, Karl-Heinz; and Findeisen, Kurt, 4,503,025, Cl. 423-384.000.
- Fauss, Rudolf; Meiners, Hans J.; Rasshofer, Werner; and Meyborg, Holger, 4,515,923, Cl. 525-127.000.
- Feldner, Kurt; and Grape, Wolfgang, 4,552,973, Cl. 556-469.000.
- Fengler, Gerd; Arlt, Dieter; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,548,934, Cl. 514-225.000.

Feyen, Peter; Seifert, Hermann; and Kohler, Egon, 4,537,730, Cl. 260-989.000.
Fiedler, Paul; and Braden, Rudolf, 4,536,344, Cl. 260-465.00R.
Findeisen, Kurt; and Fauss, Rudolf, 4,504,673, Cl. 560-180.000.
Fischer, Wolfgang; and Leiblein, Felix, 4,536,511, Cl. 514-404.000.
Forster, Heinz; Eue, Ludwig; and Schmidt, Robert R., 4,500,341, Cl. 71-92.000.
Forster, Heinz; Hofer, Wolfgang; Mues, Volker; Eue, Ludwig; and Schmidt, Robert R., 4,509,971, Cl. 71-90.000.
Forster, Heinz; Klauke, Erich; Priesnitz, Uwe; Riebel, Hans-Jochem; Eue, Ludwig; and Schmidt, Robert R., 4,518,416, Cl. 71-94.000.
Forster, Heinz; Diehr, Hans-Joachim; Stetter, Jorg; Eue, Ludwig; and Schmidt, Robert R., 4,540,430, Cl. 71-90.000.
Forster, Heinz; Eue, Ludwig; and Schmidt, Robert, 4,540,827, Cl. 568-442.000.
Forster, Heinz; Klauke, Erich; Eue, Ludwig; Schmidt, Robert R.; and Lurssen, Klaus, 4,549,899, Cl. 71-90.000.
Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
Freitag, Dieter; Bottenbruch, Ludwig; and Schmidt, Manfred, 4,533,702, Cl. 525-439.000.
Fuchs, Rainer; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,491,585, Cl. 424-263.000.
Fuchs, Rainer; Klauke, Erich; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,529,557, Cl. 260-465.00D.
Fuchs, Rainer; and Naumann, Klaus, 4,544,508, Cl. 260-465.00D.
Fuhr, Karl; and Freier, Hans-Joachim, 4,528,307, Cl. 523-440.000.
Furstenwerth, Hauke, 4,500,715, Cl. 548-140.000.
Gabel, Eike; Blank, Heinz U.; and Behre, Horst, 4,538,007, Cl. 568-751.000.
Goldmann, Gerd; Spott, Georg; and Frohlich, Christian, 4,533,432, Cl. 159-47.100.
Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, 4,492,703, Cl. 424-266.000.
Goldmann, Siegfried; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,789, Cl. 546-274.000.
Goldmann, Siegfried; Bossert, Friedrich; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,555,512, Cl. 514-302.000.
Goliasch, Karl; Muller, Herbert; and Pelster, Heinrich, 4,562,010, Cl. 260-546.000.
Goyert, Wilhelm; Grimm, Wolfgang; Awater, Albert; Wagner, Hans; and Kruger, Bruno, 4,500,671, Cl. 524-494.000.
Goyert, Wilhelm; and Winkler, Jurgen, 4,521,582, Cl. 528-67.000.
Grape, Wolfgang; Saykowski, Franz; Schlak, Ottfried; and Wurminghausen, Thomas, 4,554,187, Cl. 427-387.000.
Grogler, Gerhard; and Kopp, Richard, 4,521,338, Cl. 260-239.00A.
Grogler, Gerhard; Hess, Heinrich; and Kopp, Richard, 4,546,165, Cl. 528-53.000.
Grohe, Klaus; Petersen, Uwe; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,658, Cl. 514-254.000.
Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,709, Cl. 544-117.000.
Groll, Manfred; and Ockelmann, Dieter, 4,537,721, Cl. 260-242.200.
Haas, Peter; and Hettel, Hans, 4,493,909, Cl. 521-166.000.
Haas, Peter; Avar, Geza; and Grammes, Hartwig, 4,540,626, Cl. 428-318.800.
Haas, Peter; Avar, Geza; and Grammes, Hartwig, 4,546,121, Cl. 521-164.000.
Hagemann, Hermann; Klauke, Erich; and Kysela, Ernst, 4,549,994, Cl. 260-544.00F.
Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.
Hajek, Manfred; Muller, Hanns P.; and Rasshofer, Werner, 4,562,289, Cl. 564-2.000.
Halpaap, Reinhard; Pedain, Josef; Thoma, Wilhelm; and Grammel, Jurgen, 4,530,990, Cl. 528-53.000.
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Hausmann, Heinz; Niessen, Heinz J.; Telle, Otto; and Neumaier, Hermann, 4,500,348, Cl. 71-103.000.
Hegasy, Ahmed; Rupp, Roland; Ramsch, Klaus-Dieter; and Luchtenberg, Helmut, 4,562,069, Cl. 424-80.000.
Heiker, Fred R.; Muller, Lutz; Puls, Walter; and Bischoff, Hilmar, 4,526,784, Cl. 514-25.000.
Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,537,881, Cl. 514-25.000.
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Heise, Klaus-Peter; Kuth, Robert; Neufang, Karl; Pantke, Hellmuth; and Wedemeyer, Karlfried, 4,544,372, Cl. 8-602.000.
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Henk, Hermann; Kramer, Erich; Schundehutte, Karl H.; and Nickel, Horst, 4,540,776, Cl. 534-635.000.
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Hentschel, Karl-Heinz; Dhein, Rolf; Winter, Hans; and Vojacek, Herbert, 4,499,000, Cl. 252-73.000.
Herwig, Jens; Scheef, Hans-Volker; Schleppinghoff, Bernhard; and Lange, Peter M., 4,504,688, Cl. 568-697.000.
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Heywang, Gerhard; Kuhle, Engelbert; Behrenz, Wolfgang; Hammann, Ingeborg; and Homeyer, Bernhard, 4,507,292, Cl. 514-183.000.
Hocker, Jurgen; Muller, Hans K.; and Broich, Bruno, 4,519,939, Cl. 252-500.000.
Hoff, Dieter; and Ramsch, Klaus-Dieter, 4,537,898, Cl. 514-356.000.
Hohmann, Walter; and Wunderlich, Klaus, 4,492,790, Cl. 544-188.000.
Holmwood, Graham; and Regel, Erik, 4,499,281, Cl. 548-262.000.
Holmwood, Graham; Lurssen, Klaus; and Frohberger, Paul-Ernst, 4,515,617, Cl. 71-76.000.
Holmwood, Graham; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Paul, Volker, 4,518,600, Cl. 514-256.000.
Holmwood, Graham; and Lurssen, Klaus, 4,525,204, Cl. 71-92.000.
Holmwood, Graham; Buchel, Karl H.; Lurssen, Klaus; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,532,341, Cl. 549-559.000.
Holmwood, Graham; Stetter, Jorg; Buchel, Karl H.; Reinecke, Paul; Brandes, Wilhelm; and Scheinpflug, Hans, 4,548,945, Cl. 514-383.000.
Hoppe, Dieter; and Kleemann, Heinz-Werner, 4,496,723, Cl. 544-90.000.
Horak, Otto; Falkenberg, Werner; Muders, Rolf; and Beinert, Werner, 4,525,283, Cl. 210-762.000.
Hynek, Bernd; Valk, Giselher; and Treptau, Gerhard, 4,525,403, Cl. 428-87.000.
Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; and Heitz, Walter, 4,525,579, Cl. 528-388.000.
Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; Bottenbruch, Ludwig; and Heitz, Walter, 4,537,951, Cl. 528-388.000.
Immel, Otto; Schwarz, Hans-Helmut; Quast, Hein; and Bandtel, Eberhard, 4,514,578, Cl. 568-853.000.
Ippen, Jakob; and Stuttgen, Friedel, 4,493,355, Cl. 152-329.000.
Ippen, Jakob; and Stuttgen, Friedel, 4,531,561, Cl. 152-510.000.
Ippen, Jakob; and Stuttgen, Friedel, 4,534,393, Cl. 152-524.000.
Jager, Gerhard; Buchel, Karl H.; Kramer, Wolfgang; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,505,922, Cl. 514-383.000.
Jager, Gerhard; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,514,409, Cl. 514-383.000.
Jager, Gerhard; Fauss, Rudolf; Findeisen, Kurt; Becker, Benedikt; and Homeyer, Bernhard, 4,562,185, Cl. 514-229.000.
Jager, Horst, 4,532,323, Cl. 544-75.000.
Jautelat, Manfred; Arlt, Dieter; and Jager, Gerhard, 4,495,370, Cl. 568-322.000.
Jautelat, Manfred, 4,507,496, Cl. 560-266.000.
Kabbe, Hans-Joachim; Krause, Hans-Peter; and Sitt, Rudiger, 4,510,156, Cl. 514-415.000.
Kerimis, Dimitrios; Muller, Hanns P.; and Wagner, Kuno, 4,499,253, Cl. 528-45.000.
Kerimis, Dimitrios; Hombach, Rudolf; Muller, Peter; and Dollhausen, Manfred, 4,521,545, Cl. 521-107.000.
Kinast, Gunther, 4,500,716, Cl. 548-196.000.
Klauke, Erich; and Findeisen, Kurt, 4,555,370, Cl. 260-545.00R.
Klein, Gerhard; Arlt, Dieter; and Braden, Rudolf, 4,505,860, Cl. 260-453.00A.
Kleiner, Frank; Kubens, Rolf; Reese, Eckart; and Wank, Joachim, 4,515,925, Cl. 525-439.000.
Kloker, Werner; and Kraft, Klaus, 4,524,177, Cl. 525-14.000.
Klotz, Helmut; and Bloch, Klaus, 4,539,082, Cl. 204-93.000.
Knops, Hans-Joachim; Kramer, Wolfgang; and Frohberger, Paul-Ernst, 4,495,184, Cl. 514-238.000.
Koemm, Ulrich; and Geisler, Klaus, 4,540,765, Cl. 528-45.000.
Kohler, Peter; Ringe, Peter; and Heine, Heinrich, 4,529,448, Cl. 106-288.00B.
Kolb, Gunter, deceased; Tork, Leo; and Hohne, Wolfgang, 4,510,302, Cl. 526-264.000.
Konig, Joachim; Suling, Carlhans; and Korte, Siegfried, 4,501,865, Cl. 526-71.000.
Kopp, Richard; Grogler, Gerhard; Reiff, Helmut; and Dieterich, Dieter, 4,496,491, Cl. 260-453.0AR.
Kopp, Richard; and Freitag, Hans-Albrecht, 4,510,269, Cl. 521-166.000.
Kotulla, Bernhard; Weiser, Martin; Faltin, Jurgen; Preis, Lothar; Schmidt, Rudolf; and Born, Eberhard, 4,501,516, Cl. 405-260.000.
Kraatz, Udo; Jager, Gerhard; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; Scharf, Hans-Dieter; and Frauenrath, Herbert, 4,559,355, Cl. 514-383.000.
Kramer, Wolfgang; Jautelat, Manfred; and Kranz, Eckart, 4,492,795, Cl. 548-341.000.
Kramer, Wolfgang; Reiser, Wolf; Berg, Dieter; Brandes, Wilhelm; and Reinecke, Paul, 4,503,059, Cl. 514-326.00A
Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, 4,549,900, Cl. 71-92.000.
Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Regel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,530,715, Cl. 71-76.000.

Kranz, Eckart; and Findeisen, Kurt, 4,536,353, Cl. 260-545.00R.

Krimm, Heinrich; and Buysch, Hans-Josef, 4,501,905, Cl. 549-228.000.

Krimm, Heinrich; Buysch, Hans-Josef; Lange, Peter M.; and Klipper, Reinhold, 4,511,722, Cl. 548-231.000.

Krishnan, Sivaram; Neuray, Dieter; Cohnen, Wolfgang; and Geisler, Klaus, 4,503,213, Cl. 528-199.000.

Krock, Friedrich W.; and Neeff, Rutger, 4,521,341, Cl. 260-371.000.

Kruckenberg, Winfried; and Schundehutte, Karl H., 4,497,736, Cl. 534-855.000.

Kruger, Bernd-Wieland; and Behrenz, Wolfgang, 4,511,562, Cl. 514-112.000.

Kruger, Bernd-Wieland; Homeyer, Bernhard; Hammann, Ingeborg; and Stendel, Wilhelm, 4,548,931, Cl. 514-141.000.

Kuhle, Engelbert; Brandes, Wilhelm; Rosslenbroich, Hans-Jurgen; and Klauke, Erich, 4,496,575, Cl. 514-390.000.

Kuhle, Engelbert; Klauke, Erich; Paulus, Wilfried; and Genth, Hermann, 4,513,003, Cl. 514-411.000.

Kuhle, Engelbert; Hagemann, Hermann; Paul, Volker; and Brandes, Wilhelm, 4,514,417, Cl. 514-482.000.

Kuhle, Engelbert; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,515,812, Cl. 514-592.000.

Kuhle, Engelbert; Stegelmeier, Hartmut; Brandes, Wilhelm; and Hanssler, Gerd, 4,529,735, Cl. 514-407.000.

Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Reinecke, Paul; and Rosslenbroich, Hans-Jurgen, 4,547,517, Cl. 514-390.000.

Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Brandes, Wilhelm; and Reinecke, Paul, 4,562,208, Cl. 514-593.000.

Kunde, Klaus; and Stohr, Frank-Michael, 4,517,357, Cl. 534-605.000.

Le Blanc, Helmut; and Wedemeyer, Karlfried, 4,496,763, Cl. 564-402.000.

Lindner, Christian; Braese, Hans-Eberhard; Ott, Karl-Heinz; and Uerdingen, Walter, 4,511,695, Cl. 525-80.000.

Lindner, Christian; Ott, Karl-Heinz; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,743, Cl. 525-80.000.

Lindner, Christian; Ott, Karl-Heinz; and Braese, Hans-Eberhard, 4,522,959, Cl. 523-335.000.

Lindner, Christian; Uerdingen, Walter; Hinz, Jurgen; and Trabert, Ludwig, 4,522,964, Cl. 524-71.000.

Lorenz, Manfred, 4,492,796, Cl. 548-471.000.

Lorenz, Otto; and Rose, Gerd, 4,528,323, Cl. 524-839.000.

Luhmann, Erhard; Hoppe, Lutz; Szablikowski, Klaus; and Lampert, Friedrich-Karl, 4,517,324, Cl. 524-27.000.

Mardin, Mithat; Busse, Wolf-Dieter; Hoffmeister, Friedrich; Seuter, Friedel; Perzborn, Elisabeth; Schlossmann, Klaus; Mayer, Dieter; and Fiedler, Volker, 4,540,707, Cl. 514-404.000.

Mardin, Mithat; Sundermann, Rudolf; Hoffmeister, Friedrich; Busse, Wolf-Dieter; Horstmann, Harald; and Raddatz, Siegfried, 4,552,874, Cl. 514-222.000.

Marhold, Albrecht; and Klauke, Erich, 4,533,777, Cl. 570-144.000.

Martinola, Friedrich, 4,519,916, Cl. 210-678.000.

Martinola, Friedrich, 4,519,917, Cl. 210-678.000.

Marzolph, Gerhard; Blank, Heinz U.; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,552,890, Cl. 514-425.000.

Maurer, Fritz; Priesnitz, Uwe; and Riebel, Hans-Jochem, 4,492,800, Cl. 562-506.000.

Maurer, Fritz; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,503,057, Cl. 514-269.000.

Maurer, Fritz; Homeyer, Bernhard; and Hammann, Ingeborg, 4,513,000, Cl. 514-407.000.

Maurer, Fritz; Brandes, Wilhelm; Kuck, Karl-Heinz; Reinecke, Paul; and Scheinpflug, Hans, 4,521,420, Cl. 514-259.000.

Maurer, Fritz; Homeyer, Bernhard; and Becker, Benedikt, 4,535,091, Cl. 514-407.000.

Maurer, Fritz, 4,536,574, Cl. 544-253.000.

Maurer, Fritz; Homeyer, Bernhard; Becker, Benedikt; and Hanssler, Gerd, 4,542,126, Cl. 514-86.000.

Medem, Harald; Schreckenberg, Manfred; Dhein, Rolf; Nouvertne, Werner; and Rudolph, Hans, 4,506,066, Cl. 528-196.000.

Mennicke, Winfried, 4,497,734, Cl. 534-695.000.

Metzger, Karl G.; Schrock, Wilfried; Habich, Dieter; Naab, Paul; and Zeiler, Hans-Joachim, 4,515,789, Cl. 514-196.000.

Metzger, Karl G., 4,529,591, Cl. 424-114.000.

Metzger, Karl G.; Pfitzner, Jorg; Schmidt, Delf; Weyland, Horst; Benz, Gunter; and Schroder, Theo, 4,546,079, Cl. 435-71.000.

Meussdoerffer, Johann-Nikolaus; Niederprum, Hans; Nieder-Vahrenholz, Hans-Georg; and Bockelmann, Wolfgang, 4,500,350, Cl. 75-1.00R.

Meyer, Rolf-Volker; Kreuder, Hans-Joachim; and Hohl, Erwin, 4,510,288, Cl. 525-111.000.

Michna, Martin; and Henk, Hermann, 4,514,188, Cl. 8-641.000.

Michna, Martin; and Henk, Hermann, 4,548,761, Cl. 260-508.000.

Minz, Franz-Rudolf; and Vajna, Sandor, 4,556,463, Cl. 204-98.000.

Mitrowsky, Alexander; Wissner, Adolf; and Hauser, Werner, 4,499,023, Cl. 260-453.0SP.

Moeschler, Heinrich-Ferdinand; Golker, Christian; and Lange, Peter M., 4,552,954, Cl. 536-24.000.

Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, 4,527,746, Cl. 241-23.000.

Muller, Hanns P.; and Schafer, Karl, 4,537,596, Cl. 8-115.600.

Muller, Hanns P.; Hettel, Hans; Wagner, Kuno; and Vogtel, Peter, 4,546,116, Cl. 521-106.000.

Muller, Peter; Wagner, Kuno; Wegner, Christian; and Schwabe, Peter, 4,544,683, Cl. 523-111.000.

Musch, Rudiger; Gobel, Wilhelm; Konter, Wolfgang; and Nolte, Wilfried, 4,521,576, Cl. 526-213.000.

Muschelknautz, Edgar; and Rink, Norbert, 4,494,970, Cl. 65-9.000.

Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,533,376, Cl. 65-5.000.

Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,539,029, Cl. 65-5.000.

Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,553,996, Cl. 65-4.400.

Naumann, Klaus; Scheinpflug, Hans; Rosslenbroich, Hans-Jurgen; and Paul, Volker, 4,537,888, Cl. 514-228.000.

Neukam, Theo; Brauer, Wolfgang; and Korte, Siegfried, 4,522,764, Cl. 260-456.00R.

Nickel, Horst; and Otten, Hans-Gunter, 4,539,009, Cl. 8-641.000.

Niederdellmann, Georg; and Grigat, Ernst, 4,511,680, Cl. 521-49.500.

Nielinger, Werner; Hermann, Karl H.; and Michael, Dietrich, 4,550,133, Cl. 524-399.000.

Niemers, Ekkehard; Lunkenheimer, Winfried; and Brandes, Wilhelm, 4,491,595, Cl. 424-326.000.

Noll, Klaus; Pedain, Josef; and Potter, Terry, 4,559,397, Cl. 528-45.000.

Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, 4,515,918, Cl. 524-504.000.

Nouvertne , Werner; and Stix, Wolfgang, 4,539,370, Cl. 525-67.000.

Oeckl, Siegfried; Schmitt, Hans-Georg; and Brandes, Wilhelm, 4,560,694, Cl. 514-359.000.

Ostlinning, Edgar; and Idel, Karsten, 4,500,702, Cl. 528-388.000.

Ostlinning, Edgar; and Idel, Karsten, 4,501,884, Cl. 528-388.000.

Ott, Karl-Heinz; Lindner, Christian; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,515, Cl. 525-79.000.

Perrey, Hermann; and Matner, Martin, 4,535,111, Cl. 524-199.000.

Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,544,658, Cl. 514-254.000.

Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,547,503, Cl. 514-254.000.

Petersen, Uwe; Grohe, Klaus; Kuhle, Engelbert; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,559,341, Cl. 514-254.000.

Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,559,342, Cl. 514-254.000.

Pfister, Theodor; Eue, Ludwig; Schmidt, Robert R.; and Hanssler, Gerd, 4,541,858, Cl. 71-86.000.

Pflugbeil, Wolf-Dietrich; and Kramer, Wolfgang, 4,510,314, Cl. 548-262.000.

Podszun, Wolfgang; Bley, Fritjof; and Walkowiak, Michael, 4,552,906, Cl. 523-115.000.

Potter, Terry A.; Nachtkamp, Klaus; and Weider, Franz, 4,507,427, Cl. 524-591.000.

Preis, Lothar; Hoffmann, Jurgen; and Rompf, Kurt, 4,526,492, Cl. 403-268.000.

Preuss, Reinhard; Perrey, Hermann; Ritter, Helmut; Reinecke, Paul; and Brandes, Wilhelm, 4,535,074, Cl. 514-93.000.

Rasshofer, Werner; and Prolingheuer, Ernst-Christoph, 4,500,656, Cl. 521-164.000.

Rasshofer, Werner, 4,501,873, Cl. 528-48.000.

Rasshofer, Werner, 4,507,464, Cl. 528-288.000.

Rasshofer, Werner, 4,525,534, Cl. 525-127.000.

Rasshofer, Werner; Konig, Klaus; Meyborg, Holger; Meckel, Walter; and Zenner, Armin, 4,525,590, Cl. 544-222.000.

Rasshofer, Werner; Balle, Gerhard; Dieterich, Dieter; and Meyborg, Holger, 4,532,266, Cl. 521-159.000.

Rasshofer, Werner, 4,532,317, Cl. 528-60.000.

Rasshofer, Werner; Grogler, Gerhard; Konig, Klaus; and Dieterich, Dieter, 4,540,720, Cl. 521-159.000.

Raue, Roderich, 4,496,719, Cl. 548-455.000.

Raue, Roderich; Huhne, Volker; and Kuhlthau, Hans-Peter, 4,513,142, Cl. 548-507.000.

Raue, Roderich; Kuhlthau, Hans-Peter; and Lehment, Klaus-Friedrich, 4,542,223, Cl. 548-455.000.

Raue, Roderich; and Kuhlthau, Hans-Peter, 4,542,224, Cl. 548-455.000.

Rauleder, Gebhard; Waldmann, Helmut; Bottenbruch, Ludwig; Traenckner, Hans-Joachim; and Gau, Wolfgang, 4,562,274, Cl. 549-525.000.

Rave, Roderich, 4,502,862, Cl. 8-437.000.

Redeker, Detmar; and Mrotzek, Dieter, 4,496,340, Cl. 494-29.000.

Regel, Erik; Buchel, Karl H.; Lurssen, Klaus; and Frohberger, Paul-Ernst, 4,507,141, Cl. 71-76.000.

Regel, Erik; Draber, Wilfried; Buchel, Karl H.; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,559,077, Cl. 71-76.000.

Reinehr, Ulrich; Herbertz, Toni; Jungverdorben, Hermann-Josef; and Dross, Joachim, 4,497,868, Cl. 428-400.000.

Reinehr, Ulrich; Herbertz, Toni; Jungverdorben, Hermann-Josef; and Uhlemann, Hans, 4,505,870, Cl. 264-206.000.

Reinehr, Ulrich; Herbertz, Toni; and Jungverdorben, Hermann-Josef, 4,508,672, Cl. 264-78.000.

Reiser, Wolf; Elbe, Hans-Ludwig; and Feyen, Peter, 4,501,897, Cl. 548-262.000.

Resz, Raoul; Alberts, Heinrich; Burgdorfer, Hans-Heribert; and El Sayed, Aziz, 4,514,546, Cl. 525-57.000.

Richartz, Adolf; Reichmann, Wolfgang; and Knipp, Ulrich, 4,539,166, Cl. 264-45.100.

Richter, Roland; Muller, Hanns P.; Wagner, Kuno; Riberi, Bernd; and Frohlich, Jurg, 4,518,761, Cl. 528-67.000.
Richter, Roland; Reinecke, Paul; Muller, Hanns P.; Bonse, Gerhard; and Brandes, Wilhelm, 4,560,738, Cl. 528-62.000.
Riebel, Hans-Jochem; Eue, Ludwig; Faust, Wilfried; and Priesnitz, Uwe, 4,548,639, Cl. 71-94.000.
Ritter, Helmut; Paulus, Wilfried; and Genth, Hermann, 4,532,259, Cl. 514-608.000.
Roos, Ernst; and Kircher, Klaus, 4,521,542, Cl. 521-89.000.
Salzburg, Herbert; Hajek, Manfred; and Meyborg, Holger, 4,506,086, Cl. 549-464.000.
Salzburg, Herbert; Reinking, Klaus; and Kleiner, Frank, 4,529,666, Cl. 428-475.800.
Salzburg, Herbert; Fauss, Rudolf; Findeisen, Kurt; and Homeyer, Bernhard, 4,556,649, Cl. 514-63.000.
Schafer, Walter; Meiners, Hans-Joachim; Seel, Klaus; Reichmann, Wolfgang; Wagner, Kuno; and Findeisen, Kurt, 4,499,038, Cl. 264-51.000.
Schauf, Dieter; Protoschill, Klaus; Oberbach, Karl; and Depcik, Hans-Werner, 4,511,184, Cl. 301-63.0PW.
Schauf, Dieter, 4,544,588, Cl. 428-35.000.
Schellhammer, Karl-Wolfgang; Rottmaier, Ludwig; Merten, Rudolf; and Schimmel, Ulrich, 4,551,263, Cl. 252-186.390.
Schmidt, Adolf, 4,508,862, Cl. 524-157.000.
Schmidt, Friedrich, 4,544,381, Cl. 55-89.000.
Schmidt, Manfred; Bottenbruch, Ludwig; and Freitag, Dieter, 4,508,890, Cl. 528-167.000.
Schmidt, Manfred; Rathmann, Dietrich; and Reinking, Klaus, 4,517,328, Cl. 524-370.000.
Schmidt, Manfred; and Dicke, Hans-Rudolf, 4,536,561, Cl. 528-191.000.
Schmidt, Thomas, 4,544,744, Cl. 544-182.000.
Schmidt, Thomas, 4,546,178, Cl. 544-182.000.
Schmitt, Hans-Georg; Palus, Wilfried; and Genth, Hermann, 4,520,023, Cl. 514-241.000.
Schmitt, Hans-Georg; Reinecke, Paul; Paulus, Wilfried; Genth, Hermann; and Radt, Walter, 4,521,412, Cl. 514-244.000.
Schmitt, Hans-Georg; Paulus, Wilfried; and Genth, Hermann, 4,545,994, Cl. 514-514.000.
Scholl, Hans-Joachim; Reiff, Helmut; and Sachs, Hanns I., 4,528,117, Cl. 252-312.000.
Scholl, Hans-Joachim; Sachs, Hanns I.; Jabs, Gert; and Loew, Gunther, 4,528,153, Cl. 264-109.000.
Scholl, Hans-Joachim; Pedain, Josef; Riberi, Bernd; and Mennicken, Gerhard, 4,552,946, Cl. 528-67.000.
Scholl, Walter, 4,499,015, Cl. 534-697.000.
Schroder, Rolf; and Lurssen, Klaus, 4,494,982, Cl. 71-97.000.
Schroder, Rolf; and Lurssen, Klaus, 4,554,017, Cl. 71-113.000.
Schroer, Walter; and Wlasitsch, Gyula, 4,521,465, Cl. 428-35.000.
Schubart, Rudiger; and Magg, Hans, 4,534,901, Cl. 556-7.000.
Schutze, Detlef-Ingo; Schmitz, Reinold; and Wunderlich, Klaus, 4,555,580, Cl. 549-52.000.
Schwerdtel, Wulf; Lauer, Hubert; and Heinrich, Josef, 4,548,913, Cl. 502-68.000.
Schwirtlich, Ingo; Woditsch, Peter; and Koch, Wolfgang, 4,561,930, Cl. 156-616.00R.
Sehnem, Hans P., 4,518,791, Cl. 560-124.000.
Seidel, Wolfgang; Kazda, Stanislav; and Knorr, Andreas, 4,558,055, Cl. 514-291.000.
Serini, Volker; Schulte, Bernhard; Block, Hans-Dieter; and Freitag, Dieter, 4,491,656, Cl. 528-167.000.
Sirinyan, Kirkor; Giesecke, Henning; Wolf, Gerhard D.; Ebneth, Harold; and Merten, Rudolf, 4,493,861, Cl. 427-304.000.
Sirinyan, Kirkor; and Merten, Rudolf, 4,508,780, Cl. 428-407.000.
Sirinyan, Kirkor; Merten, Rudolf; and Giesecke, Henning, 4,535,032, Cl. 428-629.000.
Sirinyan, Kirkor; Merten, Rudolf; Wolf, Gerhard D.; Giesecke, Henning; Claussen, Uwe; and Ebneth, Harold, 4,542,074, Cl. 428-450.000.
Sirinyan, Kirkor; Wolf, Gerhard D.; Merten, Rudolf; and von Gizycki, Ulrich, 4,554,183, Cl. 427-306.000.
Sirrenberg, Wilhelm; Klauke, Erich; and Hammann, Ingeborg, 4,533,676, Cl. 514-535.000.
Sirrenberg, Wilhelm; Marhold, Albrecht; Hammann, Ingeborg; Krehan, Ingomar; and Stendel, Wilhelm, 4,536,587, Cl. 549-366.000.
Sirrenberg, Wilhelm; Maurer, Fritz; Klauke, Erich; Becker, Benedikt; and Stendel, Wilhelm, 4,552,900, Cl. 514-269.000.
Skipka, Guido; Alles, Hans-Ulrich; Randau, Gert; and Niese, Manfred, 4,496,764, Cl. 564-418.000.
Slawyk, Wilhelm; Balle, Gerhard; Munzer, Manfred; and Wohnhas, Adolf, deceased, 4,507,444, Cl. 525-455.000.
Starzewski, Karl-Heinz A. O.; and Witte, Josef, 4,537,982, Cl. 556-22.000.
Stawitz, Josef, 4,520,202, Cl. 548-416.000.
Stegelmeier, Hartmut; and Brandes, Wilhelm, 4,515,801, Cl. 514-403.000.
Steinberger, Helmut; Kirschnek, Helmut; and Pfeiffer, Josef, 4,524,172, Cl. 524-506.000.
Steinberger, Helmut; Moretto, Hans-Heinrich; Michel, Werner; and Kniege, Wilfried, 4,548,999, Cl. 525-453.000.
Steinberger, Helmut; and Clarenz, Werner, 4,562,223, Cl. 524-506.000.
Stephan, Gunter; and Schundehutte, Karl Heinz, 4,550,207, Cl. 564-311.000.
Stix, Wolfgang; Bottenbruch, Ludwig; and Neuray, Dieter, 4,518,747, Cl. 525-462.000.
Stohr, Frank-Michael; and Nickel, Horst, 4,544,737, Cl. 534-605.000.
Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.
Stopp, Gerhard; Karkossa, Horst; and Trescher, Viktor, 4,508,920, Cl. 562-423.000.
Stopp, Gerhard; Karkossa, Horst; and Trescher, Viktor, 4,529,817, Cl. 562-423.000.
Tacke, Peter; Korber, Helmut; Merten, Josef; and Neuray, Dieter, 4,499,237, Cl. 525-67.000.
Thoma, Wilhelm; Langel, Rolf; Schmitz, Anton; and Schroer, Walter, 4,507,413, Cl. 524-42.000.
Thoma, Wilhelm; Nachtkamp, Klaus; Schroer, Walter; and Langel, Rolf, 4,543,144, Cl. 156-230.000.
Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,517,011, Cl. 71-92.000.
Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,561,879, Cl. 71-92.000.
Tietze, Lutz-Friedjan; and Fischer, Roland, 4,524,202, Cl. 536-18.500.
von Bittera, Miklos; Federmann, Manfred; von Gizycki, Ulrich; Schapel, Dietmar; Stendel, Wilhelm; Voege, Herbert; and Dorn, Hubert, 4,543,247, Cl. 424-14.000.
von Bittera, Miklos; Dorn, Hubert; Schapel, Dietmar; Stendal, Wilhelm; Voege, Herbert; Federman, Manfred; and von Gizycki, Ulrich, 4,544,547, Cl. 424-14.000.
von Bonin, Wulf; Mummenhoff, Peter; Beck, Ulrich; and Baumgen, Heinz, 4,499,153, Cl. 428-479.600.
von Bonin, Wulf; and Jonas, Friedrich, 4,529,742, Cl. 521-107.000.
Waniczek, Helmut; Lindner, Christian; Suling, Carlhans; Bartl, Herbert; and Uerdingen, Walter, 4,506,045, Cl. 524-31.000.
Waniczek, Helmut; Bartl, Herbert; Hohmann, Gerhard; and Mott, Ludwig, 4,522,965, Cl. 524-109.000.
Waniczek, Helmut; Uerdingen, Walter; and Brudermanns, Karola, 4,533,728, Cl. 528-370.000.
Wegner, Christian, 4,547,561, Cl. 528-60.000.
Wehinger, Egbert; Meyer, Horst; and Benz, Ulrich, 4,497,821, Cl. 514-302.000.
Wehinger, Egbert; Meyer, Horst; Bossert, Friedrich; Vater, Wulf; Towart, Robertson; Stoepel, Kurt; and Kazda, Stanislav, 4,510,310, Cl. 546-321.000.
Wehinger, Egbert; Bossert, Friedrich; Vater, Wulf; and Stoepel, Kurt, 4,551,467, Cl. 514-334.000.
Wehinger, Egbert; Kazda, Stanislav; and Knorr, Andreas, 4,559,350, Cl. 514-332.000.
Weissmuller, Joachim; Kramer, Wolfgang; Berg, Dieter; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,542,130, Cl. 514-212.000.
Weitz, Robert; Neeff, Rutger; and Hugl, Herbert, 4,556,401, Cl. 8-641.000.
Werner, Friedrich; Blank, Heinz U.; Cramm, Gunther; Braden, Rudolf; and Ziemann, Heinz, 4,495,369, Cl. 564-480.000.
Wild, Peter; and Stohr, Frank-Michael, 4,509,948, Cl. 8-539.000.
Wingler, Frank, 4,532,277, Cl. 524-37.000.
Wingler, Frank; Waniczek, Helmut; and Geyer, Otto-Christian, 4,533,397, Cl. 106-181.000.
Winkler, Hermann; and Sachs, Hanns I., 4,510,184, Cl. 427-212.000.
Woditsch, Peter; Abels, Martin; and Brazel, Berthold, 4,525,334, Cl. 423-324.000.
Zabrocki, Karl; Ott, Karl-Heinz; Schmidt, Adolf; and Pischtschan, Alfred, 4,520,165, Cl. 525-84.000.
Zabrocki, Karl; Tiburtius, Christoph; Doring, Joachim; and Richter, Klaus, 4,547,533, Cl. 523-206.000.
Zecher, Wilfried; and Merten, Rudolf, 4,515,974, Cl. 549-372.000.
Zecher, Wilfried; Merten, Rudolf; and Dunwald, Willi, 4,517,353, Cl. 528-45.000.
Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, 4,546,138, Cl. 524-326.000.
Zecher, Wilfried; Dunwald, Willi; Merten, Rudolf; and Reinking, Klaus, 4,546,162, Cl. 528-67.000.
Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, 4,548,970, Cl. 524-98.000.
Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, 4,549,006, Cl. 528-73.000.
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  Homann, Ernst; Nelboeck, Michael; Schlieder, Klaus; and Bayer, Gernold, 4,553,553, Cl. 128-749.000.

Bayer, Helmut, to Electrovac Fabrikation Elektrotechnischer Spezialartikel Gesellschaft mbH. Hot warning device for cooking apparatus. 4,544,831, 10-1-85, Cl. 219-449.000.

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Bayer, Horst O.; Swithenbank, Colin; and Yih, Roy Y., to Rohm and Haas Company. Herbicidal 4-trifluoromethyl-4'-nitrodiphenyl ethers. 4,515,988, 5-7-85, Cl. 568-586.000.

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  Emonts, Johannes, 4,517,801, Cl. 60-602.000.
  Grohmann, Kurt, 4,520,258, Cl. 219-279.000.
  Heiden, Ulrich; and Atzler, Peter, 4,517,773, Cl. 51-336.000.
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  Lobe, Hartwig, 4,555,638, Cl. 307-10.00R.
  Melzer, Hans-Harald; and Spindebock, Wolf-Dieter, 4,555,904, Cl. 60-605.000.
  Minner, Willy; Krappel, Alfred; and Guggenmos, Johannes, 4,509,482, Cl. 123-418.000.
  Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,523,283, Cl. 364-431.010.
  Schausberger, Christoph, 4,552,108, Cl. 123-270.000.
  Schweiger, Erwin; Starmuhler, Erwin; and Temmesfeld, Axel, 4,510,893, Cl. 123-41.020.
  Seidl, Jiri, 4,558,676, Cl. 123-432.000.
  Seidl, Josef, 4,560,885, Cl. 280-748.000.
  Woltmann, Reinhard; and Sixt, Karl, 4,508,159, Cl. 164-306.000.

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  Busch, Lothar; and Orth, Walter, 4,549,692, Cl. 237-12.30A.
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  Dorsch, Werner, 4,560,106, Cl. 236-91.00E.
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  Kalchschmied, Dietmar; Bonenberger, Hartmut; and Huber, Bernd, 4,498,696, Cl. 293-126.000.
  Krappel, Alfred; Guggenmos, Johannes; and Holzmann, Josef, 4,506,643, Cl. 123-418.000.
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  Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,533,900, Cl. 340-52.00R.
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  Radermacher, Karl-Heinz; and Haberl, Josef, 4,547,717, Cl. 318-484.000.
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  Nilsson, Karl E., 4,508,288, Cl. 242-107.000.
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  Kit, Malon; and Kit, Saul, 4,514,497, Cl. 435-235.000.
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  - Braun, Moritz; Kaufmann, Anna; and Muller, Edwin, 4,554,063, Cl. 204-254.000.
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  - Furrer, Andreas, 4,517,522, Cl. 330-10.000.
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  - Jenny, Ernst; Mayer, Andreas; and Moser, Peter, 4,513,571, Cl. 60-603.000.
  - Jenny, Ernst; and Zumstein, Bruno, 4,559,784, Cl. 60-606.000.
  - Julke, Elias; Kaiser, Tony; Osman, Maged A.; and Perkins, Roger, 4,559,167, Cl. 252-518.000.
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  - Killer, Eric; Scherer, Gunther; and Stucki, Samuel, 4,546,010, Cl. 427-96.000.
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  - Korner, Gerhard; Plettner, Horst; Viering, Walter; and Rees, Volker, 4,511,775, Cl. 200-148.00A.
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  - Mayer, Andreas; El-Nashar, Ibrahim; and Spinnler, Fritz, 4,517,950, Cl. 123-559.000.
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  - Prenner, Herbert; and Schroder, Paul, 4,544,855, Cl. 310-59.000.
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- BBC Brown Boveri, Inc.: *See—*
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- BBS Kraftfahrzeugtechnik, GmbH + Co. KG.: *See—*
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- BDM Corporation, The: *See—*
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- Beach, Burt L.: *See—*
  - Tremain, David L.; Beach, Burt L.; and Rimington, David J., 4,561,305, Cl. 73-323.000.
- Beach, Daryl R.: *See—*
  - Miyahara, Masato; Okano, Michiaki; and Beach, Daryl R., 4,503,552, Cl. 378-196.000.
- Beach, David L.; and Harrison, James J., to Gulf Research & Development Company. Sulfonated Group Va ylides and process for preparing same. 4,507,247, 3-26-85, Cl. 260-446.000.
- Beach, David L.; and Harrison, James J., to Gulf Research & Development Company. Process for the preparation of nickel ylides containing ylide ligands with a sulfonated group V component. 4,529,554, 7-16-85, Cl. 556-14.000.
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- Beach, Edward B. Container for flat articles. 4,520,922, 6-4-85, Cl. 206-44.00R.
- Beach, Laurence R., Jr.; Rance, William G., Jr.; Whittington, Paul H.; and Wightman, William O., Jr., to International Business Machines Corporation. Vacuum probe for attaching tape to reel hub within a cartridge. 4,531,689, 7-30-85, Cl. 242-195.000.
- Beach, Raymond D. Tooth brush. 4,519,109, 5-28-85, Cl. 15-110.000.
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  - Cole, Clinton W.; and Beach, Verlin R., 4,520,837, Cl. 137-68.00R.
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- Beachem, Ronald G., to Med-Tech Micrographics, Inc. Automatic x-ray microfilm reader. 4,497,572, 2-5-85, Cl. 355-45.000.
- Beachey, Edwin H., to University of Tennessee Research Corporation. Synthetic polypeptide fragments. 4,521,334, 6-4-85, Cl. 260-112.50R.
- Beacom, Roger R. Seal gasket specifically configured to seal the joint between adjacent oval concrete pipes. 4,538,822, 9-3-85, Cl. 277-207.00A.
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- Beales, Keith J.; Carter, Steve F.; Partington, Sally; and France, Paul W., to British Telecommunications. Method for drying oxide glasses. 4,539,033, 9-3-85, Cl. 65-134.000.
- Beall, Donald L.; Tomlinson, Harold W., Jr.; and Hart, William G., Jr., to General Electric Company. Method and apparatus for visual image processing. 4,493,105, 1-8-85, Cl. 382-21.000.
- Beall, Gary W., to Radecca, Inc. Process for treating organics contaminated water. 4,517,094, 5-14-85, Cl. 210-664.000.
- Beall, Gary W., to Radecca, Inc. Method of removing organic contaminants from aqueous compositions. 4,549,966, 10-29-85, Cl. 210-661.000.
- Beall, George H.; MacDowell, John F.; and Taylor, Mark P., to Corning Glass Works. Transparent glass-ceramics containing mullite. 4,519,828, 5-28-85, Cl. 65-33.000.
- Beall, George H.; Borrelli, Nicholas F.; and Morse, David L., to Corning Glass Works. Transparent, mullite glass-ceramics containing ZnO and method. 4,526,873, 7-2-85, Cl. 501-5.000.
- Beall, Mark A. Guitar pick. 4,497,237, 2-5-85, Cl. 84-322.000.
- Beall, Nelson J.: *See—*
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  - Shum, Wilfred P.; White, John F.; and Beals, Eva M., 4,537,998, Cl. 568-483.000.
  - Shum, Wilfred P.; White, John F.; and Beals, Eva M., 4,558,154, Cl. 562-537.000.
- Beals, Penny L.; Simon, Phyllis M.; and Campbell, Bruce D., to Raychem Corporation. Optical fiber taps. 4,557,550, 12-10-85, Cl. 350-96.150.
- Beals, Tom C. Load bearing security cover for pick up truck. 4,531,775, 7-30-85, Cl. 296-100.000.
- Beam, Clark W.; and Crutchfield, Mark K., to Hydril Company. Ram blowout preventer securing and retracting apparatus. 4,504,037, 3-12-85, Cl. 251-1.00A.
- Beam, Dennis A.: *See—*
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  Connett, Peter; Connett, Michael; and Blackwell, James B., 4,529,562, Cl. 264-464.000.
Beamenderfer, Robert E.: *See—*
  Althouse, Rickie M.; Beamenderfer, Robert E.; Durbin, Roger; Hollyday, Robert D.; and Kling, John P., 4,519,665, Cl. 339-147.00R.
Beams, David M., to Dickey-john Corporation. Metal detector. 4,531,118, 7-23-85, Cl. 340-684.000.
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  Lee, Patrick G.; Bean, Donald E.; and Jones, Randy T., 4,517,567, Cl. 343-17.700.
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Bean, George H.; and Gum, Peter H., to International Business Machines Corporation. Method and means for switching system control of CPUs. 4,494,189, 1-15-85, Cl. 364-200.000.
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  Fischer, Larry E.; Sridhar, Bettadapur N.; and Bean, Jackie E., 4,518,559, Cl. 376-230.000.
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Bean, Robert; Gardner, Edward A.; Chow, Michael; Rubinson, Barry L.; Lary, Richard F.; and Blackledge, Robert, to Digital Equipment Corporation. Apparatus and method for controlling digital data processing system employing multiple processors. 4,543,626, 9-24-85, Cl. 364-200.000.
Beane, Bennie J., to General Electric Company. Rotary calcining system with cleaning means. 4,521,379, 6-4-85, Cl. 422-209.000.
Beane, Michael J., to Liquidometer Corporation. Inductively-coupled signalling system. 4,500,881, 2-19-85, Cl. 340-825.730.
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  Marino, Joseph A.; Kling, Michael J.; and Roth, Sydney J., 4,502,324, Cl. 73-117.300.
Bear, Herbert: *See—*
  Beattie, David L. G.; Bear, Herbert; and Willis, Robin B., 4,543,114, Cl. 55-418.000.
Bear Medical Systems, Inc.: *See—*
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  DeVries, Douglas F.; and Cohen, Arie, 4,527,557, Cl. 128-204.230.
Beard, Charles D.; Yamada, Akira; and Doddi, Namassivaya, to Iolab Corporation. Ultraviolet absorbing polymers comprising 2-hydroxy-5-acrylyloxyphenyl-2H-benzotriazoles. 4,528,311, 7-9-85, Cl. 524-91.000.
Beard, Charles L., Jr.; and Camden, Thomas M., Jr., to Westinghouse Electric Corp. High uranium utilization fuel rod for light water reactors. 4,493,814, 1-15-85, Cl. 376-428.000.
Beard, Franklin. Sonic fracing process and means to carry out said process. 4,537,256, 8-27-85, Cl. 166-299.000.
Beard, Frederick H.; Moyer, Maynard M.; and Smith, Clarence, Jr., to Snyder Corporation. Pipe and bar stock transfer and machining system and apparatus. 4,516,307, 5-14-85, Cl. 29-564.000.
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  Borsuk, Gerald M.; Chesson, Edwin E.; Beard, Jerome C.; and Lisle, Thomas K., Jr., 4,521,896, Cl. 377-60.000.
Beard, Robert W.; and Kirk, Russell F., to OXIMETRIX, Inc. Portable fluid infusion apparatus. 4,493,704, 1-15-85, Cl. 604-154.000.
Beard, Walter C. Reclosable valve with removable hermetic external seal means. 4,513,889, 4-30-85, Cl. 222-153.000.
Beard, William A., Jr.: *See—*
  Weisend, Norbert A., Jr.; and Beard, William A., Jr., 4,526,031, Cl. 73-147.000.
Bearden, Roby; and Stuntz, Gordon F., to Exxon Research & Engineering Co. Reducing metal content of oil feeds. 4,537,676, 8-27-85, Cl. 208-251.00R.
Bearden, Roby, Jr.; and Aldridge, Clyde L., to Exxon Research & Engineering Co. Hydroconversion process. 4,548,700, 10-22-85, Cl. 208-10.000.
Bearden, Roby, Jr.; and Aldridge, Clyde L., to Exxon Research & Engineering Co. Hydroconversion process. 4,557,822, 12-10-85, Cl. 208-112.000.
Beardmore, David H., to Phillips Petroleum Company. Burning of fuels. 4,500,281, 2-19-85, Cl. 431-3.000.
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Beardmore, David H.; and Needham, Riley B. Method and apparatus for the recovery of hydrocarbons. 4,515,093, 5-7-85, Cl. 110-347.000.
Bearl, Leslie K.: *See—*
  McCollin, Chris D.; Allred, Richard E.; Bearl, Leslie K.; and Card, David C., 4,506,730, Cl. 166-85.000.
Bearpark, John P.: *See—*
  Nelson, William; and Bearpark, John P., 4,498,522, Cl. 164-460.000.
Bearrs, James G.: *See—*
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Beasant, Andrew J.; Orwin, Olaf J. B.; and Fortune, David J., to GIB Precision Limited. Torque limiting clutch. 4,541,512, 9-17-85, Cl. 192-56.00R.
Beasley, Daniel T.: *See—*
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Beasley, Gary; and Spector, George. Microwave clothes dryer. 4,510,697, 4-16-85, Cl. 34-1.000.
Beasley, James P.: *See—*
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  Green, Jerry T.; and Beasley, Max M., 4,519,326, Cl. 112-79.00R.
Beasley, Robert L. Aquatic exercise device with rigid fluid resistance member. 4,509,744, 4-9-85, Cl. 272-116.000.
Beasley, Roy D.; and LaGrone, James H., to Mobil Oil Corporation. Method of monitoring the growth of cuttings beds in angled well bores. 4,495,803, 1-29-85, Cl. 73-151.000.
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Beatenbough, Paul K.: *See—*
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  Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.
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  Cooper, Stephen E.; and Leohner, Donald L., 4,492,714, Cl. 426-602.000.
  Hipko, George P., 4,540,880, Cl. 235-487.000.
  Johnson, Terry L., 4,534,416, Cl. 172-311.000.
  Jones, John H.; and Schoenleber, Donald W., 4,520,958, Cl. 229-72.000.
Beattie, David L. G.; Bear, Herbert; and Willis, Robin B., to Porta-Test Systems, Ltd. Pipeline concave strainer. 4,543,114, 9-24-85, Cl. 55-418.000.
Beattie, Patrick J.; and Chase, David O., to John D. Brush & Co., Inc. Portable fire resistant case. 4,541,545, 9-17-85, Cl. 220-431.000.
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  Biftu, Tesfaye; Hwang, San-Bao; Doebber, Thomas W.; Beattie, Thomas R.; and Shen, Tsung-Ying, 4,539,332, Cl. 514-461.000.
  Yang, Shu S.; Beattie, Thomas R.; Durette, Philippe L.; Gallagher, Timothy F.; and Shen, Tsung-Ying, 4,515,722, Cl. 260-403.000.
Beattie, Willard H.: *See—*
  Freund, Samuel M.; Maier, William B., II; Holland, Redus F.; and Beattie, Willard H., 4,554,060, Cl. 204-157.10R.
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Beatty, Graydon E.: *See—*
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Beatty, Harry F., to VBM Corporation. Synchronized double post fluid operated lift assembly. 4,505,455, 3-19-85, Cl. 254-89.00H.
Beatty, Michael C.: *See—*
  Markusch, Peter H.; Rosthauser, James W.; and Beatty, Michael C., 4,501,852, Cl. 524-591.000.
Beatty, Robert M.; Huber, Paul G.; and Miller, Edward B., to General Electric Company. Remote load control relay processor. 4,562,550, 12-31-85, Cl. 364-492.000.
Beaty, Larry E.; and Lanham, Steven M., to American Monitor Corporation. Reagent composition and assay for the determination of γ-glutamyltransferase activity. 4,511,651, 4-16-85, Cl. 435-15.000.
Beauch, Howard D., to General Motors Corporation. Tilt steering column for vehicles. 4,543,848, 10-1-85, Cl. 74-493.000.
Beauchamp, David C.; and Burton, Philip J., to Charles Winn (Valves) Limited. Butterfly valve. 4,491,298, 1-1-85, Cl. 251-306.000.
Beaudet, Didier, to Societe Anonyme de Telecommunications. Device for regulating a laser diode. 4,504,976, 3-12-85, Cl. 455-611.000.

Beaudet, Emilien, to Exxon Research & Engineering Co. Heat insulating panel. 4,509,307, 4-9-85, Cl. 52-309.400.
Beaudet, Leo A.; and Lennon, Donald J., to Dennison Manufacturing Company. Anodized electrostatic imaging surface. 4,496,236, 1-29-85, Cl. 355-3.0DR.
Beaudet, Leo A.: *See—*
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Beaudet, William R.; Culpepper, Mark A.; and Rester, David H., to Mead Corporation, The. Fluid jet print head. 4,554,558, 11-19-85, Cl. 346-75.000.
Beaudoin, Gaston. Carrier braked forward and reverse planetary transmission. 4,502,353, 3-5-85, Cl. 74-792.000.
Beaudoin, Paul; and Maronne, Pierre, to Societe Francaise de Services S.A. Vibrating needle viscosity meter. 4,558,588, 12-17-85, Cl. 73-54.000.
Beauducel, Claude; Cretin, Jacques; Ausset, Alain; and Ringot, Gabriel, to Institut Francais du Petrole; and Compagnie Generale de Geophysique. Device for water inflow detection inside a seismic streamer. 4,503,526, 3-5-85, Cl. 367-20.000.
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  Cretin, Jacques; and Beauducel, Claude, 4,523,191, Cl. 340-825.520.
Beaufort, Ronald E., to Varco International, Inc. Fluid actuated jack mechanism. 4,494,376, 1-22-85, Cl. 60-421.000.
Beaujean, Holger; Kamphausen, Willi; Niephaus, Dieter; and Nommensen, Ove, to Kernforschungsanlage Julich GmbH. Valve system for pressurized vessels. 4,493,434, 1-15-85, Cl. 222-3.000.
Beaujean, Joseph M. E., to Bogey B.V. Dustproof case for an optical information tape including a clamping lens. 4,528,654, 7-9-85, Cl. 369-100.000.
Beaujean, Joseph M. E., to Docdata BV. Optical medium. 4,531,136, 7-23-85, Cl. 346-135.100.
Beaujean, Joseph M. E., to Docdata BV. Method and system for reproducing relief structures onto a substrate. 4,543,225, 9-24-85, Cl. 264-167.000.
Beaulieu, Roger D.; Alcorn, William W.; and Matychowiak, David S., to Super-Truss Building Systems, Inc. Superinsulation roof rafter trusses and building system. 4,516,363, 5-14-85, Cl. 52-90.000.
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Beaumont, Paul, to Lucas Industries Limited. Air compressor having condition responsive clutch control. 4,561,827, 12-31-85, Cl. 417-223.000.
Beaupre, Jean. Synthesis color photographic map and method of making same. 4,552,444, 11-12-85, Cl. 354-354.000.
Beauprey, Richard R., to Disc Instruments, Inc. Optical encoder with a shutter clutched for directional movement. 4,533,830, 8-6-85, Cl. 250-231.0SE.
Beaussant, Raymond, to Intertechnique. Device for protection against accelerations. 4,546,491, 10-15-85, Cl. 2-2.10A.
Beavan, Stuart W.: *See—*
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Beaver Products, Inc.: *See—*
  Walston, Everett V., 4,512,126, Cl. 52-251.000.
Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., to Dow Chemical Company, The. Bonded asbestos diaphragms. 4,530,749, 7-23-85, Cl. 204-296.000.
Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., to Dow Chemical Company, The. Bonded asbestos diaphragms. 4,557,810, 12-10-85, Cl. 204-98.000.
Beaver, Richard N.: *See—*
  Dang, Hiep D.; Beaver, Richard N.; Spillers, Frank W.; and Hazelrigg, Mark J., Jr., 4,497,112, Cl. 29-825.000.
  Morris, Gregory J. E.; Grosshandler, Sandor; Beaver, Richard N.; Pimlott, John R.; and Dang, Hiep D., 4,560,452, Cl. 204-98.000.
Beavers, John A.; and North, Willard F., to Hughes Tool Company. Method of reclaiming electric motor laminations. 4,508,583, 4-2-85, Cl. 156-94.000.
Beazley, Todd M.; and Diller, Calvin D., to Tektronix, Inc. Method and apparatus for detection of non-linear electrical devices. 4,547,724, 10-15-85, Cl. 324-57.00R.
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Bebie, Alain M. Keyboard design. 4,536,625, 8-20-85, Cl. 200-5.00A.
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Becerra-Novoa, Jorge O.: *See—*
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Bechara, Ibrahim S., to Air Products and Chemicals, Inc. Carbamate and carbonate salts of tertiary amines. 4,542,214, 9-17-85, Cl. 544-107.000.
Becher, Friedrich; and Eggert, Walter, to Hermann Pfauter GmbH & Co. Method of shaping by generating for producing profiles on workpieces, and apparatus for performing this method. 4,537,537, 8-27-85, Cl. 409-34.000.
Becherer, Daryl. Remote control water fowl retrieving device. 4,545,315, 10-8-85, Cl. 114-61.000.
Becherer, Johannes; Kuhlein, Klaus; and Kussmaul, Ulrich, to Cassella Aktiengesellschaft. Process for preparing 2-chlorobenzoxazoles. 4,517,370, 5-14-85, Cl. 548-217.000.
Becherer, Walter; Geyken, Erwin; Jelinek, Nikolaus; and Lechner, Franz, to AGFA-Gevaert, A.G. Apparatus for convoluting strips of photosensitive material or the like. 4,494,706, 1-22-85, Cl. 242-65.000.
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Bechis, Dennis J.; Chen, Hsing-Yao; and Hughes, Richard H., to RCA Corporation. Color picture tube having an inline electron gun with asymmetric focusing lens. 4,558,253, 12-10-85, Cl. 313-414.000.
Bechstedt, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Process for production liquid fabric conditioners. 4,539,123, 9-3-85, Cl. 252-8.800.
Bechstein, Bradley L., to Tibbet Incorporated. Support system for ceiling and wall panels. 4,553,365, 11-19-85, Cl. 52-483.000.
Becht, Carl T., to Senco Products, Inc. Surgical stapling instrument. 4,493,322, 1-15-85, Cl. 128-334.00R.
Becht, Charles, IV, to Exxon Research & Engineering Co. Refractory gas distributor for fluidized bed reactors. 4,532,108, 7-30-85, Cl. 422-143.000.
Bechtel, Daniel L. Scope-mounting devices for firearms. 4,531,321, 7-30-85, Cl. 42-1.0ST.
Bechtel International Corporation: *See—*
  Aude, Thomas C., 4,492,248, Cl. 137-236.00R.
  Awerbuch, Leon; and Van der Mast, Victor C., 4,534,174, Cl. 60-641.500.
  Brooks, Paul S., 4,545,124, Cl. 33-169.00D.
  Carney, John C., 4,507,022, Cl. 406-50.000.
  Galstaun, Lionel S., 4,552,572, Cl. 55-36.000.
  Wallace, Norman R., 4,552,460, Cl. 366-196.000.
Bechtel, Klaus, to Erwin Sick GmbH Optik-Elektronik. Light barrier with spectrally filtered reflection means. 4,546,246, 10-8-85, Cl. 250-221.000.
Bechtel National Corp.: *See—*
  Dickinson, Ben W. O., III; Dickinson, Robert W.; Odgers, Irving L.; and McGhee, James, 4,497,381, Cl. 175-61.000.
  Dickinson, Ben W. O., III; and Dickinson, Robert W., 4,501,337, Cl. 175-171.000.
  Dickinson, Ben W. O., III; Dickinson, Robert W.; and Hutchison, Stanley O., 4,527,639, Cl. 175-61.000.
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Bechthold, Horst; Fischer, Heinz J.; and Schulte, Wolfgang, to Backau-Walther Aktiengesellschaft. Method for removing acidic components including nitrogen oxide from waste gases. 4,541,999, 9-17-85, Cl. 423-235.000.
Bechtle, Samuel J. Eye drop application aid. 4,531,944, 7-30-85, Cl. 604-302.000.
Bechtolsheim, Andreas, to Sun Microsystems, Inc. High-speed memory and memory management system. 4,550,368, 10-29-85, Cl. 364-200.000.
Bechtolsheim, Andreas V., to Sun Microsystems, Inc. High-speed memory and memory management system. 4,527,232, 7-2-85, Cl. 364-200.000.
Beck, Alfred; and Van Papeveld, Piet, to Allied Flux Reclaiming Ltd. Securing device for manhole cover. 4,514,931, 5-7-85, Cl. 49-21.000.
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Beck, Arnold A., to Goodyear Aerospace Corporation. Antiskid control circuit. 4,523,282, 6-11-85, Cl. 364-426.000.
Beck, Blaine E.: *See—*
  Corris, C. James; and Beck, Blaine E., 4,558,177, Cl. 179-2.0EA.
  Corris, C. James; and Beck, Blaine E., 4,558,183, Cl. 179-84.00A.
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Beck, David A., to Appleton Mills. Method and apparatus for forming a helical wound substrate composed solely of longitudinal yarns. 4,495,680, 1-29-85, Cl. 28-100.000.

Beck, Earl, to In Ex Painting. Adjustable paint roller. 4,528,714, 7-16-85, Cl. 15-230.110.

Beck, Ermon. Simulated clay tile roof construction and method of making same. 4,498,267, 2-12-85, Cl. 52-555.000.

Beck, Ernst; Lenard, Peter; and Pokorny, Erich, to Vollmer Werke Maschinenfabrik GmbH. Machine for machining circular saw blades. 4,499,794, 2-19-85, Cl. 76-75.000.

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Beck, Franklin L., to Sperry Corporation. Sway rod suspension system. 4,537,382, 8-27-85, Cl. 248-568.000.

Beck, Gerhard; Bartmann, Wilhelm; Knolle, Jochen; and Rupp, Richard H., to Hoechst Aktiengesellschaft. Δ^1-Pyrroline thiolactim ethers and a process for their preparation. 4,548,936, 10-22-85, Cl. 514-422.000.

Beck, Gunther, to Bayer Aktiengesellschaft. 2,4-Dichloro-5-thiazolecarboxaldehyde and a process for its preparation. 4,555,577, 11-26-85, Cl. 548-200.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., to Ashland Oil, Inc. Immobilization of vanadia deposited on sorbent materials during treatment of carbo-metallic oils. 4,513,093, 4-23-85, Cl. 502-84.000.

Beck, H. Wayne; Lochow, Charles F., Jr.; and Nibert, Charles W., to Ashland Oil, Inc. Passivation of vanadium accumulated on catalytic solid fluidizable particles. 4,515,683, 5-7-85, Cl. 208-113.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., to Ashland Oil, Inc. Immobilization of vanadia deposited on sorbent materials during treatment of carbo-metallic oils. 4,549,958, 10-29-85, Cl. 208-253.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Kmecak, Ronald A.; Kovach, Stephen M.; and Hettinger, William P., Jr., to Ashland Oil, Inc. Carbometallic oil conversion with zeolite y containing catalyst. 4,561,968, 12-31-85, Cl. 208-120.000.

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  Hettinger, William P., Jr.; Turrill, Frank H.; Rozman, George J.; and Beck, H. Wayne, 4,515,680, Cl. 208-87.000.

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Beck, Harold K., to Halliburton Company. Low pressure responsive downhole tool with floating shoe retarding means. 4,515,219, 5-7-85, Cl. 166-374.000.

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  Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,542,025, Cl. 424-78.000.

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  Maurer, Fritz; Homeyer, Bernhard; and Becker, Benedikt, 4,535,091, Cl. 514-407.000.
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  Castleberry, Donald E.; and Becker, Charles A., 4,520,357, Cl. 340-783.000.

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Beckerer, Frank S., Jr. Holder for containers. 4,508,303, 4-2-85, Cl. 248-311.200.

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  - Blough, William M., Jr., 4,539,295, Cl. 436-34.000.
  - Cook, William E.; Vodian, Morton A.; and Haunold, Otto, 4,495,150, Cl. 422-99.000.
  - Durbin, Dennis, 4,551,715, Cl. 340-671.000.
  - Giebeler, Robert H., Jr., 4,541,736, Cl. 384-465.000.
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  - Miller, Steven P.; and Quan, Stella S. M., 4,510,239, Cl. 435-7.000.
  - Nielsen, Steven T.; and Lee, Carleton C., 4,511,349, Cl. 494-16.000.
  - Piramoon, Alireza, 4,501,565, Cl. 494-85.000.
  - Stephens, Donald E., 4,518,700, Cl. 436-52.000.
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  - Sutton, John H., III; and Chulay, Steven J., 4,548,596, Cl. 494-20.000.
  - Wedemeyer, Robert C.; and Giebeler, Robert H., Jr., 4,512,758, Cl. 494-13.000.
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  - Wright, Herschel E.; and Wedemeyer, Robert C., 4,512,202, Cl. 73-863.000.
  - Zysman, Lawrence J.; and Greene, Malbone W., 4,545,690, Cl. 374-165.000.
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- Beckman, John A.: *See—*
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- Beckman, John H.: *See—*
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- Beckman, Orval E., to Zenith Radio Corporation. Demodulator having two phase shift networks for wide band television audio. 4,518,997, 5-21-85, Cl. 358-198.000.
- Beckman, Robert F.: *See—*
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- Beckmann, Kenneth B. Heat exchanger seal. 4,529,212, 7-16-85, Cl. 277-207.00A.
- Beckmann, Kenneth B. Heat exchanger and method for joining plates thereof. 4,541,480, 9-17-85, Cl. 165-79.000.
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  - Dittmar, Heinz; Beckmann, Manfred; Dorr, Karl-Heinz; Rothe, Ulrich; and Sander, Ulrich, 4,533,537, Cl. 423-522.000.
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  - Temme, Karl; Beckschafer, Klaus; and Pruller, Helmut, 4,498,986, Cl. 210-199.000.
- Beckstead, Dell R.: *See—*
  - Geddes, Harold L.; and Beckstead, Dell R., 4,506,647, Cl. 123-557.000.
- Beckstead, Leo W.; Havelick, Linn D.; and Hogsett, Robert F., to Amax Inc. Process for improving solvent extraction operation using two mixers. 4,551,314, 11-5-85, Cl. 423-54.000.
- Beckstead, Leo W.: *See—*
  - Voelker, Dennis E.; Beckstead, Leo W.; and Hogsett, Robert F., 4,504,448, Cl. 423-54.000.
- Beckstrom, Ronald D.; and Anderson, Chester C., to Hunt-Wesson Foods, Inc. Pouring fitment with container and closure therefor. 4,494,682, 1-22-85, Cl. 222-551.000.
- Beckway, Bruce C.: *See—*
  - Fox, James D.; Beckway, Bruce C.; and DeGroot, Robert H., 4,556,167, Cl. 229-45.00R.
- Beckwith, Bruce R.: *See—*
  - Abbott, Vaughan; Beckwith, Bruce R.; Kingsbury, Charles M.; Mungovan, John P.; and Mills, Elden H., 4,528,017, Cl. 65-240.000.
  - Kingsbury, Charles M.; Beckwith, Bruce R.; and Messina, Anthony, 4,507,138, Cl. 65-158.000.
  - Morris, Nicholas G.; Kingsbury, Charles M.; and Beckwith, Bruce R., 4,505,731, Cl. 65-225.000.
- Beckwith, Elaine C.: *See—*
  - Ezis, Andre; Beckwith, Elaine C.; and Blair, Howard D., 4,496,503, Cl. 264-56.000.
- Beckwith, Paul B.: *See—*
  - Chan, Luen C.; Beckwith, Paul B.; and Pearce, Jeffrey B., 4,520,506, Cl. 382-56.000.
- Beckwith, Robert E., Jr.: *See—*
  - Chang, Irving B.; and Beckwith, Robert F., Jr., 4,496,622, Cl. 428-280.000.
  - Chang, Irving B.; and Beckwith, Robert E., Jr., 4,497,921, Cl. 524-59.000.
  - Chang, Irving B.; and Beckwith, Robert E., Jr., 4,537,922, Cl. 524-82.000.
- Beckwith, Robert S.: *See—*
  - Bellefeuille, David T.; and Beckwith, Robert S., 4,524,608, Cl. 73-40.50R.
- Beckwith, Sterling. Control apparatus for hydraulically driven generator. 4,533,835, 8-6-85, Cl. 290-43.000.
- Beckwith, Walter L., Jr., to Brown & Sharp Manufacturing Company. Magnetic ball bar gauge. 4,492,036, 1-8-85, Cl. 33-180.00R.
- Beckworth Davis International, Inc.: *See—*
  - Davis, Clint A.; and Trail, Melvin P., 4,561,059, Cl. 364-477.000.
- Becnel, Larry H., to General Dynamics, Pomona Division. Inspection device and method for cylindrical work pieces. 4,535,545, 8-20-85, Cl. 33-550.000.
- Beconpatch Limited: *See—*
  - McGivern, James F., 4,549,320, Cl. 5-2.00R.
- Becton, Dickinson and Company: *See—*
  - Alchas, Paul G., 4,537,593, Cl. 604-411.000.
  - Bennett, Michael C., 4,555,046, Cl. 222-189.000.
  - Burns, James A., 4,527,561, Cl. 128-314.000.
  - Burns, James A., 4,529,614, Cl. 427-2.000.
  - Burns, James A., 4,535,769, Cl. 128-314.000.
  - Burns, James A., 4,553,541, Cl. 128-314.000.
  - Christinger, Werner, 4,500,310, Cl. 604-228.000.
  - Christinger, Werner, 4,543,093, Cl. 604-228.000.
  - Chupp, Vernon L., 4,545,677, Cl. 356-39.000.
  - Dunmire, Robert W.; Miller, Drew J.; and Johnson, Michael D., 4,519,098, Cl. 2-161.00R.
  - Fulwyler, Mack J., 4,499,052, Cl. 422-52.000.
  - Hasskamp, Paul R., 4,537,231, Cl. 141-238.000.
  - Haynes, John L., 4,503,385, Cl. 324-71.400.
  - Hoffman, Michael A., 4,538,733, Cl. 209-3.100.
  - Horres, C. Russell, Jr., 4,529,706, Cl. 436-63.000.
  - Johnson, Michael D., 4,514,460, Cl. 428-245.000.
  - Johnson, Michael D., 4,515,851, Cl. 428-246.000.
  - Johnson, Michael D., 4,555,813, Cl. 2-161.00R.
  - Mansour, James D.; and Schulte, Thomas, 4,508,821, Cl. 435-34.000.
  - Muller, A. Bromley, 4,553,956, Cl. 604-9.000.
  - North, Howard L., Jr., 4,506,018, Cl. 436-10.000.
  - Nugent, Edward L.; and Lutkowski, Lawrence, 4,555,336, Cl. 210-232.000.
  - Nugent, Edward L., 4,555,341, Cl. 210-359.000.
  - Ray, David J., 4,506,551, Cl. 73-660.000.
  - Shoor, Bernard A.; and Fulwyler, Mack J., 4,526,276, Cl. 209-552.000.
  - Stoermer, Ralph T., III; and Darner, James C., 4,562,051, Cl. 423-219.000.
  - Telang, Anil, 4,516,973, Cl. 604-319.000.
  - Tice, Gregory, 4,517,851, Cl. 73-864.910.
  - Unterleitner, Fred C., 4,498,766, Cl. 356-73.000.
  - Wilner, L. Bruce; and Wong, Herbert V., 4,523,964, Cl. 148-33.200.
  - Wilner, Leslie B., 4,498,229, Cl. 29-580.000.
  - Youngman, George, 4,494,399, Cl. 73-1.00G.
- Bed Store, The: *See—*
  - Danko, Peter, 4,507,815, Cl. 5-400.000.
- Bedard, Jean T.: *See—*
  - Provost, Pierre; and Bedard, Jean T., 4,535,858, Cl. 177-134.000.
- Bedard, Pierre, to Molrose Management, Ltd. Cardiac valve prosthesis holder. 4,506,394, 3-26-85, Cl. 3-1.500.
- Beddome, Robert A.; and Cheung, Harry, to Union Carbide Corporation. Air separation process to produce elevated pressure oxygen. 4,560,398, 12-24-85, Cl. 62-29.000.
- Bedekovic, Davor; and Fletcher, Ian J., to Ciba-Geigy Corporation. Preparation of chromogenic azaphthalides. 4,508,897, 4-2-85, Cl. 544-127.000.

Bedekovic, Davor: *See—*
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,503,227, Cl. 544-246.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,506,073, Cl. 546-64.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,562,449, Cl. 346-218.000.
Bedel, Denis E., to North American Philips Lighting Corporation. Compact fluorescent lamp unit having segregated air-cooling means. 4,503,360, 3-5-85, Cl. 315-112.000.
Bedell, John R., to Electric Power Research Institute, Inc. Method and apparatus for magnetically holding a cast metal ribbon against a belt. 4,506,725, 3-26-85, Cl. 164-463.000.
Bedell, John R.; and Rosenthal, Eli, to Electric Power Research Institute, Inc. Method and apparatus for slitting a continuously cast metal ribbon. 4,527,613, 7-9-85, Cl. 164-463.000.
Bedell, John R.; Smith, Robert W.; and Liebermann, Howard H., to Allied Corporation. Continuous vacuum casting and extraction device. 4,559,992, 12-24-85, Cl. 164-463.000.
Bedell, John R., to Electric Power Research Institute, Inc. Vacuum belt hugger for casting of ribbon. 4,561,487, 12-31-85, Cl. 164-253.000.
Bedell, Stanley F.; and Viola, Michael S., to Polaroid Corporation. Ink jet transparency. 4,547,405, 10-15-85, Cl. 427-256.000.
Bedenbender, John W., to Texas Instruments Incorporated. Force or pressure feedback control for seismic vibrators. 4,519,053, 5-21-85, Cl. 367-190.000.
Bedeschi, Angelo: *See—*
  Alpegiani, Marco; Battistini, Carlo; Bedeschi, Angelo; Franceschi, Giovanni; Foglio, Maurizio; and Zarini, Franco, 4,508,649, Cl. 260-245.20R.
Bedford, C. Mitchell: *See—*
  Chase, David W., 4,544,028, Cl. 165-104.140.
Bedford Engineering Co.: *See—*
  Bradley, William P.; Herman, Michael; and Paltrow, Robert W., 4,530,730, Cl. 156-227.000.
  Bradley, William P., 4,530,731, Cl. 156-227.000.
  Bradley, William P., 4,531,993, Cl. 156-227.000.
Bedford, Richard T. Reflective safety belt. 4,534,619, 8-13-85, Cl. 350-98.000.
Bedi, James J.; and Joshi, Madhusudan, to Ethicon, Inc. Two-piece tissue fastener with locking top and method for applying same. 4,531,522, 7-30-85, Cl. 128-335.000.
Bedini, Dante. Automatic coffee pot. 4,498,375, 2-12-85, Cl. 99-303.000.
Bedini, John C., to TVI Systems, Ltd. Monaural to binaural audio processor. 4,555,795, 11-26-85, Cl. 381-17.000.
Bedline Manufacturing Company: *See—*
  Spitz, Melvin P., 4,504,987, Cl. 5-13.000.
Bednar, Ernest G. Utility pole and tree climbing aid. 4,506,762, 3-26-85, Cl. 182-221.000.
Bednar, Gregory M.; and Fryer, George B., to International Business Machines Corporation. Method and apparatus for segmenting character images. 4,562,594, 12-31-85, Cl. 382-9.000.
Bednar, Richard D.; and Hampton, James K., to Ransomes, Inc. Neutral lock mechanism for a direction and speed control pedal. 4,543,850, 10-1-85, Cl. 74-512.000.
Bednarczuk, Robert. Portable golf driving net assembly. 4,523,760, 6-18-85, Cl. 273-181.00F.
Bednarek, Milan B.; and Houze, Eric C., to Du Pont de Nemours, E. I., and Company. Acrylic polyurethane coating composition. 4,555,535, 11-26-85, Cl. 524-40.000.
Bednarski, John R.; Gitlitz, Melvin H.; and Russo, David A., to M&T Chemicals Inc. Antifouling paint. 4,547,532, 10-15-85, Cl. 523-122.000.
Bednarz, Jurgen; and Lindig, Wolfgang, to Siemens Aktiengesellschaft. Metallized molded plastic component housings for shielding against electromagnetic interference fields. 4,542,076, 9-17-85, Cl. 428-624.000.
Bedney, Harris I., to Deere & Company. Forward-folding agricultural implement featuring narrow row spacing. 4,504,076, 3-12-85, Cl. 280-411.00A.
Bednorz, Johannes G.; Hollis, Ralph L., Jr.; Lanz, Martin; Pohl, Wolfgang D.; and Yeack-Scranton, Celia E., to International Business Machines Corporation. Piezoelectric x-y-positioner. 4,520,570, 6-4-85, Cl. 33-180.00R.
Bedolo, Orlando. Refrigerating-cycle heat pump purifying system for condensable gaseous mixtures of dry-cleaning plants. 4,506,515, 3-26-85, Cl. 62-93.000.
Bedu, Marcel; Farcy, Jean-Claude; and Goin, Christian, to Commissariat a l'Energie Atomique. Flash tube having coax cable connector. 4,496,873, 1-29-85, Cl. 313-231.710.
Bedu, Marcel; and Rousseau, Thierry, to Commissariat a l'Energie Atomique. Device for measuring the variations in the gain of a laser amplifier as a function of the pumping energy and a process utilizing this device. 4,507,606, 3-26-85, Cl. 324-158.00R.
Beduchaud, Michel; and Playe, Patrice, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Indirect electrostatic printer. 4,514,078, 4-30-85, Cl. 355-3.0BE.
Beebe, Donald E. Wear protector for tooth brackets on roadway surface cutting machines. 4,561,698, 12-31-85, Cl. 299-86.000.
Beebe International, Inc.: *See—*
  Smith, Glenn S., 4,552,073, Cl. 105-154.000.
Beebe, Randall. Carrying device for transporting a cylindrical tank. 4,560,193, 12-24-85, Cl. 294-31.200.
Beebe, Richard P., to Hewlett-Packard Company. Data compression apparatus. 4,499,548, 2-12-85, Cl. 364-575.000.
Beecham Group Limited: *See—*
  Broom, Nigel J. P., 4,517,124, Cl. 260-245.20R.
  Clayton, John P., 4,534,968, Cl. 424-114.000.
  Ponsford, Roger J., 4,505,894, Cl. 424-114.000.
  Rooke, David J.; and Burnstead, Barry W., 4,537,887, Cl. 514-197.000.
  Saias, Edmond, 4,518,606, Cl. 514-197.000.
Beecham Group p.l.c.: *See—*
  Beeley, Lee J.; and Newsome, Peter M., 4,558,063, Cl. 514-402.000.
  Blaney, Francis E.; Hadley, Michael S.; King, Francis D.; and Watts, Eric A., 4,533,498, Cl. 260-243.300.
  Clarke, Brian P.; Harbridge, John B.; and Stirling, Irene, 4,539,202, Cl. 424-114.000.
  Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,525,352, Cl. 424-114.000.
  Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,525,353, Cl. 424-114.000.
  Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,526,783, Cl. 424-114.000.
  Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,529,720, Cl. 514-191.000.
  Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,556,559, Cl. 424-114.000.
  Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,560,552, Cl. 424-114.000.
  Dales, John R. M.; and Vallance, Marguerita A., 4,501,696, Cl. 260-245.20R.
  Driver, Michael J., 4,540,688, Cl. 514-196.000.
  Evans, John M.; and Ashwood, Valerie A., 4,496,565, Cl. 514-222.000.
  Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, 4,542,149, Cl. 514-422.000.
  Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, 4,555,509, Cl. 514-278.000.
  Faruk, Erol A., 4,510,152, Cl. 514-321.000.
  Gaster, Laramie M.; and Orlek, Barry S., 4,504,480, Cl. 514-214.000.
  Hadley, Michael S.; and King, Francis D., 4,544,660, Cl. 514-329.000.
  Hadley, Michael S.; and Blaney, Francis E., 4,560,757, Cl. 546-112.000.
  Harbridge, John B., 4,544,549, Cl. 424-114.000.
  Harbridge, John B.; and Stirling, Irene, 4,562,182, Cl. 514-210.000.
  Hurst, Jim; and May, Josephine B., 4,559,348, Cl. 514-303.000.
  King, Francis D., 4,558,044, Cl. 514-222.000.
  King, Francis D., 4,559,346, Cl. 514-299.000.
  Milner, Peter H., 4,539,149, Cl. 260-239.100.
  Milner, Peter H., 4,555,363, Cl. 260-239.100.
  Newsome, Peter M.; Moss, Stephen F.; Beeley, Lee J.; and Burgess, Malcolm N., 4,505,926, Cl. 514-398.000.
  Newsome, Peter M.; and Mullan, Noel A., 4,520,014, Cl. 424-153.000.
  Newsome, Peter M.; Mullan, Noel A.; and Marshall, John P., 4,539,319, Cl. 514-222.000.
  Oduro-Yeboah, Joshua, 4,524,075, Cl. 514-451.000.
  Osborne, Neal F., 4,560,550, Cl. 424-114.000.
  Ponsford, Roger J.; and Howarth, Thomas T., 4,548,815, Cl. 424-114.000.
  Smith, Richard A. G., 4,507,283, Cl. 424-94.000.
  Southgate, Robert; and Brown, Pamela, 4,521,337, Cl. 534-560.000.
  Stirling, Irene; Bruton, Gordon; Calvert, Stephen H.; and Clarke, Brian P., 4,524,073, Cl. 514-80.000.
  Taylor, Andrew W.; and Cook, Richard T., 4,537,886, Cl. 514-193.000.
  Ward, Robert W.; Smith, Stephen A.; and Markwell, Roger E., 4,548,948, Cl. 514-422.000.
  Watts, Eric A., 4,499,099, Cl. 514-299.000.
Beecham Inc.: *See—*
  Lareau, Mary R., 4,547,300, Cl. 252-8.800.
Beecher, Robert L., II, to AT&T Bell Laboratories. Cartridge having improved electrostatic discharge protection. 4,531,176, 7-23-85, Cl. 361-424.000.
Beecher, William H., to Illinois Tool Works Inc. Bag shut-off clamp. 4,551,888, 11-12-85, Cl. 24-30.50P.
Beecher, William H.: *See—*
  Hall, Kenneth F.; and Beecher, William H., 4,496,355, Cl. 604-327.000.
Beecken, Hermann, to Bayer Aktiengesellschaft. Phenylalkylamino-styryl dyestuffs. 4,540,523, 9-10-85, Cl. 260-465.00D.
Beecken, Hermann, to Bayer Aktiengesellschaft. p-(Pyridinium-vinyl)-N,N-(disubstituted-aniline salts for dyeing paper and their preparation. 4,558,133, 12-10-85, Cl. 546-329.000.
Beede Electrical Instrument Co., Inc.: *See—*
  Crowdes, George J., Jr., 4,491,007, Cl. 73-2.000.
  Reenstra, Arthur L., 4,492,920, Cl. 324-146.000.
Beedlow, Peter A.: *See—*
  Sauer, Ronald H., deceased; and Beedlow, Peter A., 4,549,355, Cl. 33-148.00H.
Beehive International: *See—*
  Sharma, Gulab, 4,555,649, Cl. 315-382.000.
Beehler, Pavitt, Siegemund, Jagger & Martella: *See—*
  Ducret, Robert P., 4,504,852, Cl. 358-11.000.
Beekman, Stewart M. Process for preparing basic aluminum carbonate gels substantially free from foreign anions and fibrous colloidal alumina monohydrate of a boehmite crystal lattice structure. 4,500,444 2-19-85, Cl. 252-315.700.

Beeks, Elaine C.: *See—*
Lewarchik, Ronald J.; Murphy, Edward J.; and Beeks, Elaine C., 4,504,374, Cl. 204-181.00C.

Beel, Joseph W.: *See—*
Jonas, Rodger H.; Beel, Joseph W.; and Lynch, William R., 4,532,147, Cl. 426-655.000.

Beeley, Lee J.; and Newsome, Peter M., to Beecham Group p.l.c. Treatment of diarrhoea with 2-aminoimidazoline derivatives. 4,558,063, 12-10-85, Cl. 514-402.000.

Beeley, Lee J.: *See—*
Newsome, Peter M.; Moss, Stephen F.; Beeley, Lee J.; and Burgess, Malcolm N., 4,505,926, Cl. 514-398.000.

Beelmann, Richard; and Kerstges, Johannes, to Deutsche Babcock Werke Aktiengesellschaft. Mill with blower impeller. 4,545,727, 10-8-85, Cl. 415-206.000.

Beeloo, Leendert A., to Gas Power Systems, Inc. Flow control apparatus and method. 4,504,190, 3-12-85, Cl. 415-166.000.

Beem, W. Wayne: *See—*
Johnson, Wallace R.; and Beem, W. Wayne, 4,518,362, Cl. 440-6.000.

Beemer, Richard B.; Hennessey, Richard G.; and Melles, Harold W., to J. I. Case Company. Composite drive for a tractor including a fluid coupling assembly with a lockup clutch. 4,548,303, 10-22-85, Cl. 192-3.310.

Beemer, Richard B.: *See—*
Hennessey, Richard G.; Beemer, Richard B.; and Melles, Harold W., 4,526,255, Cl. 192-3.580.

Beer, Arthur G.: *See—*
Stephenson, Ronald L.; and Beer, Arthur G., 4,502,659, Cl. 249-66.00R.

Beer, Gary L.: *See—*
Chemtob, Elie M.; and Beer, Gary L., 4,505,884, Cl. 423-484.000.

Beer, Gunter: *See—*
Pesch, Wolfgang; and Beer, Gunter, 4,512,808, Cl. 106-83.000.

Beer, Henri B.; and Hinden, Jean M., to Eltech Systems Corporation. Electrode with electrocatalytic surface. 4,528,084, 7-9-85, Cl. 204-290.00F.

Beer, Henri B.; Katz, Michael; and Hinden, Jean M., to Eltech Systems Corporation. Method of making a catalytic lead-based oxygen evolving anode. 4,543,174, 9-24-85, Cl. 204-290.00R.

Beer, Henri B.; Hinden, Jean M.; Honard, Mark R.; Bishara, Jeries I.; and Walker, Joseph K., Jr., to Eltech Systems Corporation. Manufacture of electrodes with lead base. 4,543,348, 9-24-85, Cl. 502-101.000.

Beer, Henri B.: *See—*
de Nora, Vittorio; and Beer, Henri B., 4,545,886, Cl. 204-252.000.

Beer, Janos M.; Dilmore, James A.; Vermes, Geza; and Young, William E., to Westinghouse Electric Corp. Multiannular swirl combustor providing particulate separation. 4,539,918, 9-10-85, Cl. 110-266.000.

Beer, Michael: *See—*
Hofbauer, August; and Beer, Michael, 4,508,073, Cl. 123-307.000.

Beer, Michael W., to Eurobond (1984) Limited. Process and apparatus for separating laminated sheets. 4,526,634, 7-2-85, Cl. 156-64.000.

Beerens, Cornelis J. M. Chain saw bars. 4,492,030, 1-8-85, Cl. 30-384.000.

Beerens, Cornelis J. M. Chain saw bar. 4,557,054, 12-10-85, Cl. 30-384.000.

Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, to SMS Schloemann-Siemag Aktiengesellschaft. Approach roller feed bed for cooling beds for the retardation and transverse conveyance of product lengths. 4,505,374, 3-19-85, Cl. 198-448.000.

Beerman, Nancy E.: *See—*
Miller, James R.; Fayerman, Jeffrey T.; Kovacevic, Steven; and Beerman, Nancy E., 4,503,155, Cl. 435-172.300.

Beerman, Ronald J.: *See—*
Spamer, William S.; and Beerman, Ronald J., 4,530,548, Cl. 312-45.000.

Beers, Dale M., to General Electric Company. Low modulus one component RTV compositions processes. 4,513,115, 4-23-85, Cl. 524-731.000.

Beers, Dale M., to General Electric Company. Low modulus one-component RTV compositions and processes. 4,539,367, 9-3-85, Cl. 524-731.000.

Beers, Melvin D.; and Thompson, James E., to Loctite Corporation. Oil resistant low modulus silicone sealant composition. 4,514,529, 4-30-85, Cl. 523-200.000.

Beers, Melvin D.: *See—*
White, Mary A.; Beers, Melvin D.; Lucas, Gary M.; Smith, Robert A.; and Swiger, Roger T., 4,517,352, Cl. 528-18.000.

Beerwald, Hans; Boehm, Guenter; and Glomski, Guenter, to Schott Glaswerke. Plasma process for the production of a dielectric rod. 4,508,554, 4-2-85, Cl. 65-3.100.

Beery, John C.; and Witzke, Kenneth, to E.S.P. Systems, Inc. Automatic sheet transport mechanism. 4,539,752, 9-10-85, Cl. 33-18.00B.

Bees, George L., to Candela Corporation. Series inverter for capacitor charging. 4,506,196, 3-19-85, Cl. 315-241.00R.

Beesley, Casper R. Guides for color grading faceted gemstones. 4,534,644, 8-13-85, Cl. 356-30.000.

Beesley, Graham E., to Motorola, Inc. Radio receiver incorporating a data operated squelch system. 4,554,665, 11-19-85, Cl. 371-55.000.

Beesley, Graham E., to Sinclair Research Limited. F.M. Amplifier for use in I.F. Stages. 4,555,677, 11-26-85, Cl. 330-302.000.

Beeson, Charles F., to Johnson Service Company. Motorized valve actuator. 4,549,446, 10-29-85, Cl. 74-625.000.

Beeson, Charles F.: *See—*
Rudich, George, Jr.; Beeson, Charles F.; Bartley, Gary L.; and Heckenbach, Terry A., 4,554,496, Cl. 318-600.000.

Beestman, George B., to Monsanto Company. High concentration encapsulation of water soluble-materials. 4,534,783, 8-13-85, Cl. 71-27.000.

Beetstra, Tsjalling, to U.S. Philips Corporation. Method and device for writing a data block into a record carrier body. 4,497,050, 1-29-85, Cl. 369-59.000.

Beever, William H.; Shue, Robert S.; and Childers, Clifford W., to Phillips Petroleum Company. Encapsulated electronic components and encapsulation compositions. 4,514,588, 4-30-85, Cl. 174-52.0PE.

Beever, William H.: *See—*
Selby, Larry M.; and Beever, William H., 4,528,335, Cl. 525-420.000.

Beffa, Fabio, to Ciba-Geigy Corporation. Metal complexes of disazo dyes. 4,493,798, 1-15-85, Cl. 534-697.000.

Beffa, Fabio: *See—*
Back, Gerhard; Beffa, Fabio; and Schutz, Hans-Ulrich, 4,502,865, Cl. 8-543.000.
Puntener, Alois; and Beffa, Fabio, 4,507,124, Cl. 534-695.000.

Befort, Horst U., to TRW Inc. Journalling structure for seat belt retractors. 4,529,145, 7-16-85, Cl. 242-107.40A.

Befort, Horst U., to TRW Automotive Products, Inc. End release buckle. 4,542,563, 9-24-85, Cl. 24-641.000.

Bege, Dietmar: *See—*
Kuhnke, Klaus; Bege, Dietmar; Puthawala, Anwer; and Wittrowsky, Gunter, 4,500,449, Cl. 252-628.000.

Begg, Alan R., to British Petroleum Company Limited. Powder forging of aluminum and its alloys. 4,501,611, 2-26-85, Cl. 75-0.50R.

Begg, Geoffrey S., to Norman W. Hutchinson & Sons PTY. Ltd. Alarm system for electric fences. 4,523,187, 6-11-85, Cl. 340-661.000.

Beggs, George; and Richardson, Thomas H. Flossing device. 4,495,957, 1-29-85, Cl. 132-92.00A.

Beggs, Russell J. Toothbrush. 4,502,177, 3-5-85, Cl. 15-167.00R.

Beggs, Stanley L.; Riel, Frank J.; and Lawson, Dale W. R., to Rohr Industries, Inc. Honeycomb noise attenuation structure. 4,539,244, 9-3-85, Cl. 428-116.000.

Beghin-Say S.A.: *See—*
Cuel, Jacques, 4,523,388, Cl. 34-35.000.
Holvoet, Marcel; and Picard, Bernard, 4,546,027, Cl. 428-109.000.
Pigneul, Raymond, 4,496,359, Cl. 604-387.000.

Begin, Ghislain: *See—*
Boillot, Jean-Paul; Begin, Ghislain; Alexandrov, N.; Fihey, Jean-Luc; Di Vincenzo, A.; and Villemure, Denis, 4,532,404, Cl. 219-124.340.

Begin, John D., to GTE Valeron Corporation. Worn tool detector utilizing normalized vibration signals. 4,514,797, 4-30-85, Cl. 364-148.000.

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Boissinot, Jean-Guy; and Begin, Pierre, 4,553,992, Cl. 55-279.000.

Begle, Guntram: *See—*
Friedli, Paul; Hinderling, Thomas; and Begle, Guntram, 4,518,909, Cl. 318-566.000.

Begley, Benjamin D., to Eaton Corporation. Gerotor motor and improved lubrication flow circuit therefor. 4,533,302, 8-6-85, Cl. 418-61.00B.

Begley, Maxwell G.; and Munslow-Davies, Keith. Line clamp. 4,490,891, 1-1-85, Cl. 24-516.000.

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Begluitti, John H. Quick fix drill wrench. 4,558,976, 12-17-85, Cl. 408-226.000.

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Beha, Johannes G.; Jaeckel, Heinz; and Vettiger, Peter, to International Business Machines Corporation. Buried junction Josephson interferometer. 4,525,730, 6-25-85, Cl. 357-5.000.

Behague, Francois: *See—*
Dupuis, Bernard; and Behague, Francois, 4,499,575, Cl. 370-58.000.

Behar, David; Rajbenbach, Arie L.; Juszynski, Marta; and Ben-Hur, Nahum. Synthetic wound covering. 4,554,317, 11-19-85, Cl. 525-28.000.

Behar, Jean M. Cervical immobilization device. 4,528,981, 7-16-85, Cl. 128-133.000.

Behar, Marvin L. Picnic basket. 4,499,999, 2-19-85, Cl. 206-546.000.

Behar, Meyer: *See—*
Keren, Yehuda; Carmon, Shmuel; Behar, Meyer; and Axelrod, Shimshon, 4,511,543, Cl. 423-167.000.

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Fischler, Henryk; Krupka, Yaakov; and Behar, Salamon, 4,527,567, Cl. 128-419.0PT.

Beharry, Michael, to Hougen Manufacturing, Inc. Annular cutter. 4,516,890, 5-14-85, Cl. 408-204.000.

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Divers, Edward F.; Lascola, John C.; and Behers, Robert G., 4,494,894, Cl. 405-290.000.

Beheydt, Andre: *See—*
Abiven, Henri; Beheydt, Andre; Clermont, Michel; Delattre, Maurice; and Pouheau, Pierre, 4,502,349, Cl. 74-572.000.

Behl, Charanjit; Beskid, George; Shah, Navnit; Tossounian, Jacques; and Unowsky, Joel, to Hoffmann-La Roche Inc. Enteric coated oral dosage form. 4,525,339, 6-25-85, Cl. 424-16.000.

- Behme, Werner, to Parke, Davis & Company. Knife holder for sliding microtomes. 4,502,358, 3-5-85, Cl. 83-700.000.
- Behn, Ernest E.; and Behn, Jerome L. Cultivator shield attachment. 4,552,225, 11-12-85, Cl. 172-513.000.
- Behn, Ernest E.; and Behn, Jerome L. Ridge cleaning attachment for planters. 4,553,607, 11-19-85, Cl. 172-156.000.
- Behn, Jerome L.: *See—*
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  - Behn, Ernest E.; and Behn, Jerome L., 4,553,607, Cl. 172-156.000.
- Behn, Reinhard; Heywang, Hermann; and Pachonik, Horst, to Siemens Aktiengesellschaft. Method and a device for the production of electrical components, in particular laminated capacitors. 4,508,049, 4-2-85, Cl. 118-50.100.
- Behnke, Albert R., Jr.; Jones, John P., Jr.; Michielsen, Charles E., deceased; and by Michielsen, Sophie, legal representative. Cartridge for use in rebreathing apparatus. 4,502,876, 3-5-85, Cl. 55-387.000.
- Behnke, Gert, to Aristo Graphic Systeme GmbH & Co. KG. Digitizing stylus. 4,542,261, 9-17-85, Cl. 178-18.000.
- Behnke, Horst; Michaud, Horst; Seeholzer, Joseph; and Solansky, Svatoplug, to SKW Trostberg Aktiengesellschaft. Nitrogen fertilizer and process for its manufacture. 4,551,166, 11-5-85, Cl. 71-30.000.
- Behr, Friedrich; Schulten, Rudolf; and Weirich, Walter, to Kernforschungsanlage Julich GmbH. Diffusion membrane and process for separating hydrogen from gas mixture. 4,496,373, 1-29-85, Cl. 55-16.000.
- Behr, Iley F. Message bank. 4,502,499, 3-5-85, Cl. 133-6.000.
- Behr, Norbert: *See—*
  - Gobel, Gerd; Behr, Norbert; van der Mei, Henk; Carduck, Franz-Josef; and von Ettingshausen, Othmar, 4,491,600, Cl. 426-384.000.
- Behr, Raymond D., to Dow Chemical Company, The. Method and apparatus for forming an integral closure for a thermoplastic container. 4,515,647, 5-7-85, Cl. 156-91.000.
- Behr, Raymond D.; and Zieke, Larry M., to Dow Chemical Company, The. Process for making cast thermoplastic film with integral closures. 4,562,027, 12-31-85, Cl. 264-146.000.
- Behr-Thomson Dehnstoffregler GmbH: *See—*
  - Saur, Roland, 4,522,334, Cl. 236-34.500.
  - Saur, Roland, 4,537,158, Cl. 123-41.100.
  - Saur, Roland, 4,550,693, Cl. 123-41.100.
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- Behre, Horst; Blank, Heinz U.; Seyberlich, Alfred; and Hagedorn, Ferdinand, to Bayer Aktiengesellschaft. Process for the preparation of 5-amino-2,4-dimethylacetanilide. 4,540,817, 9-10-85, Cl. 564-218.000.
- Behre, Horst: *See—*
  - Gabel, Eike; Blank, Heinz U.; and Behre, Horst, 4,538,007, Cl. 568-751.000.
- Behrendt, Joseph W.; Evans, John D.; and Cox, James W., Jr., to FMC Corporation. Boom extension stowage system. 4,491,229, 1-1-85, Cl. 212-270.000.
- Behrens AG: *See—*
  - Volkel, Elmar; and Bredow, Walter, 4,546,683, Cl. 83-27.000.
- Behrens, Dieter: *See—*
  - Albrecht, Wolf-Wigand; Papp, Uwe; and Behrens, Dieter, 4,512,805, Cl. 75-244.000.
- Behrens, Frederick A.: *See—*
  - Thurber, Charles H., Jr.; Behrens, Frederick A.; and Hunton, John H., 4,530,476, Cl. 244-3.210.
- Behrens, Gunter; Schmitz, Walter; Kitzer, Peter; and Rusch, Dieter, to Licentia Patent-Verwaltungs-GmbH. Foldable solar cell panel apparatus. 4,555,585, 11-26-85, Cl. 136-245.000.
- Behrens, Henry: *See—*
  - Kiricoples, Charles P.; Behrens, Henry; and Brown, Robert L., 4,536,099, Cl. 401-209.000.
- Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, to Olympia Werke AG. Optical print head with removable mounting. 4,528,573, 7-9-85, Cl. 346-108.000.
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- Behrens, Martin; and Stoberl, Walter, to Siemens Aktiengesellschaft. Paper transportation device for printers which use reel paper, with one paper pressure roller. 4,561,792, 12-31-85, Cl. 400-618.000.
- Behrens, Thomas: *See—*
  - Ott, Karl-Erich; and Behrens, Thomas, 4,552,461, Cl. 366-279.000.
- Behrens, Walter R. Illuminated wind socks for airports. 4,553,430, 11-19-85, Cl. 73-188.000.
- Behrenz, Wolfgang: *See—*
  - Heywang, Gerhard; Kuhle, Engelbert; Behrenz, Wolfgang; Hammann, Ingeborg; and Homeyer, Bernhard, 4,507,292, Cl. 514-183.000.
  - Kruger, Bernd-Wieland; and Behrenz, Wolfgang, 4,511,562, Cl. 514-112.000.
- Behringer, John; and Martin, Pierre, to Robot-Coupe, S.A. Food processor assembly. 4,523,720, 6-18-85, Cl. 241-37.500.
- Behringer, Uwe; Bohlen, Harald; Kulcke, Werner; and Nehmiz, Peter, to International Business Machines Corporation. Electron beam projection lithography. 4,554,458, 11-19-85, Cl. 250-492.200.
- Behringer, Wolfgang, to Siemens Aktiengesellschaft. Apparatus supporting a plurality of dental instruments. 4,514,172, 4-30-85, Cl. 433-126.000.
- Behringer, Wolfgang; Stockl, Klaus; and Weiland, Rolf-Juergen, to Siemens Aktiengesellschaft. Dentist chair. 4,527,976, 7-9-85, Cl. 433-33.000.
- Behringwerke Aktiengesellschaft: *See—*
  - Bohn, Hans; and Kraus, Walter, 4,500,451, Cl. 260-112.00R.
  - Bohn, Hans, 4,507,229, Cl. 260-112.00B.
  - Bohn, Hans, 4,524,027, Cl. 260-112.00R.
  - Dopatka, Hans-Detlef, 4,545,958, Cl. 422-102.000.
  - Heber, Helmut; Eberle, Reinhard; and Teetz, Volker, 4,508,644, Cl. 260-112.50R.
  - Heimburger, Norbert; Kumpe, Gerhardt; Wormsbacher, Wilfried; and Preis, Hans M., 4,562,072, Cl. 424-101.000.
  - Toth, Tibor, 4,508,831, Cl. 436-512.000.
- Behrmann, Edgar A.: *See—*
  - Sherman, William E., II; and Behrmann, Edgar A., 4,560,368, Cl. 464-112.000.
  - Wisthuff, Scott D.; and Behrmann, Edgar A., 4,493,675, Cl. 464-136.000.
- Behrmann, Georg. Transportable holding assembly for rapid erection of buildings. 4,546,578, 10-15-85, Cl. 52-67.000.
- BEI Electronics, Inc.: *See—*
  - Haville, George D., 4,504,776, Cl. 323-288.000.
- Beidler, David B., to General Battery Corporation. Vent for a storage battery. 4,517,262, 5-14-85, Cl. 429-87.000.
- Beidler, Glenn S., to Pneumo Corporation. Anti-rotation device for contracting rod ring seals. 4,540,186, 9-10-85, Cl. 277-195.000.
- Beidler, Richard F.; and Ruby, Philip R., to American Cyanamid Company. Process for esterifying 3,5-di-tert-butyl-4-hydroxybenzoic acid. 4,528,395, 7-9-85, Cl. 560-67.000.
- Beier, Heinz: *See—*
  - Vaubel, Gert; and Beier, Heinz, 4,557,315, Cl. 164-420.000.
- Beier, Oskar H. G.; Kerf, Joseph B. J.; and Ekegren, Sven G., to O.T.H. Beier & Company (Proprietary) Limited; and Alfa-Laval Separation AB. Wool washing and recovery of wool wax and water therefrom. 4,558,574, 12-17-85, Cl. 68-18.00R.
- Beier, Rudolf: *See—*
  - Welschof, Hans-Heinrich; and Beier, Rudolf, 4,493,388, Cl. 180-258.000.
- Beier, Stefan, to Kaltenbach & Voigt GmbH & Co. Circuit arrangement for controlling the action of an adjusting device, in particular for a patient chair. 4,549,124, 10-22-85, Cl. 318-663.000.
- Beier, Sybille: *See—*
  - Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
- Beierholm, Hans M.; and Thun, Niels, to Danfoss A/S. Electrical shock prevention means for high voltage DC regulators. 4,547,842, 10-15-85, Cl. 363-35.000.
- Beiermann, Norbert: *See—*
  - Kretschmer, Horst; Tietze, Guenter; Beiermann, Norbert; Schingnitz, Manfred; and Goehler, Peter, 4,501,156, Cl. 73-861.040.
- Beiersdorf Aktiengesellschaft: *See—*
  - Cohnen, Erich; and Armah, Ben, 4,526,897, Cl. 514-392.000.
  - Grah, Klaus, 4,512,854, Cl. 204-15.000.
  - Hofeditz, Wolfgang; Hornig, Joachim; and Karmann, Werner, 4,552,138, Cl. 128-156.000.
  - Malek, Wasfi N., 4,550,052, Cl. 428-323.000.
  - Schmeer, Gert; Engelmann, Eberhard; and Schafer, Karl, 4,536,441, Cl. 428-317.300.
  - Szonn, Bodo; Schafer, Karl; and Malskeit, Alfred, 4,522,853, Cl. 428-40.000.
- Beiersdorfer, Roland: *See—*
  - Anders, Christian; and Beiersdorfer, Roland, 4,514,151, Cl. 417-540.000.
- Beigay, Jack M., to Allegheny Ludlum Steel Corporation. Method of welding steel strip. 4,492,849, 1-8-85, Cl. 219-137.0WM.
- Beigay, Jack M.: *See—*
  - Deverell, Harry E.; and Beigay, Jack M., 4,525,620, Cl. 219-137.0WM.
- Beigler, Myron A.: *See—*
  - Calenoff, Emanuel; Jones, Ruth M.; Tsay, Yuh-Geng; and Beigler, Myron A., 4,499,065, Cl. 424-9.000.
- Beihammer, Horst: *See—*
  - Hegemann, Fritz; and Beihammer, Horst, 4,534,418, Cl. 172-708.000.
- Beijar, Ole; and Mattsson, Mats, to ASEA Aktiebolag. Electric high-voltage earthquake-resistant bushing. 4,540,848, 9-10-85, Cl. 174-152.00R.
- Beijen, James H.: *See—*
  - Ramey, Carl; Hill, Royce W.; and Beijen, James H., 4,535,925, Cl. 227-55.000.
- Beikel, Alfons G.; and Jarosch, Harald, to Westfalia Separator AG. Device for removing air from hermetic, automatically emptying centrifuge drums. 4,493,350, 1-15-85, Cl. 141-65.000.
- Beikman, Douglas L. Apparatus and method of handling bales. 4,500,242, 2-19-85, Cl. 414-24.500.

- Beilstein, Kurt H., to Hofmann GmbH. Condiment dispenser. 4,530,470, 7-23-85, Cl. 241-169.100.
- Beim, Rudolf, to Ford Motor Company. Dual power transmission for tractor vehicles. 4,532,827, 8-6-85, Cl. 74-745.000.
- Beimesch, Bruce J., to National Distillers and Chemical Corporation. Hydraulic fluids based on two centistoke synthetic hydrocarbons. 4,537,696, 8-27-85, Cl. 252-75.000.
- Beimesch, Bruce J.: *See—*
  - Schnur, Nicholas E.; and Beimesch, Bruce J., 4,519,932, Cl. 252-73.000.
- Beimesch, Wayne E.; and Hortel, Thomas C., to Procter & Gamble Company, The. Energy efficient hydration process. 4,497,757, 2-5-85, Cl. 264-13.000.
- Beimgraben, Herbert W., to Baker Oil Tools, Inc. Retrievable screen device for drill pipe and the like. 4,495,073, 1-22-85, Cl. 210-448.000.
- Beimgraben, Herbert W., to Baker Oil Tools, Inc. Torque transmitting and indicating device for well drilling apparatus. 4,515,011, 5-7-85, Cl. 73-151.000.
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- Beinert, Werner: *See—*
  - Horak, Otto; Falkenberg, Werner; Muders, Rolf; and Beinert, Werner, 4,525,283, Cl. 210-762.000.
- Beirne, Patrick R., to Mitel Corporation. Subscriber line interface circuit. 4,540,854, 9-10-85, Cl. 179-18.0FA.
- Beisel, Victor A. Sonic seed dehulling system. 4,505,196, 3-19-85, Cl. 99-519.000.
- Beisel, Victor A. Grass seed from stem remover. 4,533,469, 8-6-85, Cl. 209-243.000.
- Beisemann, Gerd: *See—*
  - Feldmann, Hugo; Hollmann, Friedrich; Beisemann, Gerd; and Gartner, Horst, 4,519,233, Cl. 72-247.000.
- Beisker, Wolfgang: *See—*
  - Eisert, Wolfgang; and Beisker, Wolfgang, 4,548,499, Cl. 356-318.000.
- Beisler, Walter: *See—*
  - Bittner, Franz; Poortman, Boudewijn J.; Rademacher-Dubbick, Kristian; Roskam, Abram K.; Stevens, Udo; Tromp, Wouter T.; Beisler, Walter; Bock, Seigfried; and Bertsch, Hermann, 4,507,975, Cl. 73-861.120.
- Beisse, Achim; Harer, Helmut; Mohr, Adolf; and Schustek, Siegfried, to Robert Bosch GmbH. Combination synchronous and asynchronous electric motor. 4,556,809, 12-3-85, Cl. 310-114.000.
- Beisser, Jean-Claude, to Societe Nouvelle Transfix. Electrical transformers with improved insulation and coolant guiding. 4,542,362, 9-17-85, Cl. 336-60.000.
- Beisswanger, Rudolf, to J. M. Voith GmbH. Winding machine for winding a web slit lengthwise. 4,508,283, 4-2-85, Cl. 242-56.400.
- Beisswenger, Siegfried, to Dr. Ing. Rudolf Hell GmbH. High stability electron beam generator for processing material. 4,500,791, 2-19-85, Cl. 250-493.100.
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- Beisswenger, Thomas: *See—*
  - Effenberger, Franz; and Beisswenger, Thomas, 4,523,012, Cl. 544-316.000.
- Beistegui Chirapozu, Jose L., to B.H. S.A. Gymnastic bicycle. 4,548,406, 10-22-85, Cl. 272-73.000.
- Beiswenger, David W.: *See—*
  - Kessler, David R.; Beiswenger, David W.; and Makusij, Andrew J., 4,503,826, Cl. 123-470.000.
- Beit Shemesh Engines Ltd.: *See—*
  - Shapiro, Jacov, 4,506,502, Cl. 60-39.430.
- Beiter, Werner. Blood lancet. 4,545,376, 10-8-85, Cl. 128-314.000.
- Beitinger, Eberhard: *See—*
  - Glaser, Eberhard; and Beitinger Eberhard, 4,501,446, Cl. 299-9.000.
  - Nussbaumer, Manfred; Beitinger, Eberhard; and Mohlenbrink, Wolfgang, 4,513,504, Cl. 33-1.00H.
- Beitler, Bradley D.: *See—*
  - Haeber, John A.; Rains, John K.; Beitler, Bradley D.; and Kukuchek, George S., 4,550,936, Cl. 285-26.000.
  - Richart, Jene A.; Beitler, Bradley D.; and Deeken, David G., 4,523,878, Cl. 405-195.000.
- Beitler, Uzi: *See—*
  - Margel, Shlomo; and Beitler, Uzi, 4,552,812, Cl. 428-407.000.
- Beitz, James V., to United States of America, Energy. Removal of fluoride impurities from UF_6 gas. 4,555,318, 11-26-85, Cl. 204-157.10R.
- Beitzer, George W., to Spectron Glass and Electronics, Incorporated. Tilt sensor and method of assembly. 4,536,967, 8-27-85, Cl. 33-366.000.
- Bek-Tech Products Incorporated: *See—*
  - Trammell, Earl M., Jr., 4,525,664, Cl. 324-51.000.
- Bekefi, George; and McMullin, Wayne A., to United States of America, Navy. Lowbitron - a source of coherent electromagnetic radiation. 4,530,096, 7-16-85, Cl. 372-4.000.
- Bekesi, Julius G.: *See—*
  - DeBarbieri, Augusto; and Bekesi, Julius G., 4,508,710, Cl. 514-19.000.
  - DeBarbieri, Augusto; and Bekesi, Julius G., 4,540,683, Cl. 514-18.000.
- Bekiaroglou, Prodromos. Engine with rotating cylinder wall. 4,553,506, 11-19-85, Cl. 123-45.00R.
- Bekishev, Kenes K.: *See—*
  - Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.
- Bekker, Alex Y.: *See—*
  - Murthy, Andiappan K. S.; Patel, Kundanbhai M.; and Bekker, Alex Y., 4,543,177, Cl. 208-130.000.
- Bekker, Vladimir; Buchheim, Wayne J.; Vanderlinde, William; and Wang, Donald S. T., to Monsanto Company. Terpolymer processing aid for polyvinyl halide polymers. 4,547,428, 10-15-85, Cl. 428-402.000.
- Bekkers, Henricus A. M.; and Reyenga, Tjerk, to Technoplast B.V. Safety closure. 4,555,036, 11-26-85, Cl. 215-220.000.
- Bekooy, Jan T. Refolding and stacking receptacle for segmented sheet material. 4,540,395, 9-10-85, Cl. 493-410.000.
- Bekum Plastics Machinery Inc.: *See—*
  - Jahnel, Werner F. F., 4,501,548, Cl. 425-503.000.
- Bekyarov, Georgi L.: *See—*
  - Futekov, Lyubomir P.; Bekyarov, Georgi L.; and Parichkova, Rina G., 4,494,871, Cl. 356-315.000.
- Belamaric, Zelimir, to L. Schuler GmbH. Electrical power source for resistance welding apparatus. 4,554,430, 11-19-85, Cl. 219-108.000.
- Belanger, Andre; Fauteux, Denis; and Gauthier, Michel, to Hydro-Quebec. Composite and flexible anodes for lithium cells in non-aqueous medium. 4,517,265, 5-14-85, Cl. 429-217.000.
- Belanger, Barry F.; and Sieb, Lawrence E., to General Electric Company. Dual energy rapid switching imaging system. 4,541,106, 9-10-85, Cl. 378-099.000.
- Belanger, Barry F.: *See—*
  - Keyes, Gary S.; Belanger, Barry F.; and Hall, Anne L., 4,559,557, Cl. 358-111.000.
- Belanger, Ernest. Wind-powered water-craft. 4,497,631, 2-5-85, Cl. 440-8.000.
- Belanger, Homer J.; and Patacca, Angelo M., to United Technologies Corporation. Containment structure. 4,503,104, 3-5-85, Cl. 428-36.000.
- Belanger, Inc.: *See—*
  - Belanger, James A., 4,530,126, Cl. 15-97.00B.
  - Belanger, James A.; Calvin, Douglas J.; and Thompson, Brian K., 4,552,297, Cl. 227-120.000.
- Belanger, James A., to Belanger, Inc. Car washing apparatus. 4,530,126, 7-23-85, Cl. 15-97.00B.
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- Belanger, Richard W.; and Melendy, Peter S. Mechanism for glue gun. 4,523,705, 6-18-85, Cl. 226-127.000.
- Belanger, Thomas D., Jr.: *See—*
  - Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,508,398, Cl. 339-17.0LM.
  - Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,518,211, Cl. 339-17.0LM.
- Belani, Jadish G.: *See—*
  - Goodrich, Gary B.; and Belani, Jadish G., 4,518,735, Cl. 524-403.000.
  - Goodrich, Gary B.; and Belani, Jadish G., 4,535,350, Cl. 357-74.000.
- Belart, Juan, to ITT Industries, Inc. Master cylinder for hydraulically actuated brakes for automotive vehicles. 4,492,082, 1-8-85, Cl. 60-589.000.
- Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; and Weise, Lutz, to ITT Industries, Inc. Control arrangement for an antiskid hydraulic braking system of a vehicle. 4,492,413, 1-8-85, Cl. 303-92.000.
- Belart, Juan, to ITT Industries, Inc. Hydraulic brake booster. 4,508,008, 4-2-85, Cl. 91-372.000.
- Belart, Juan; Burgdorf, Jochen; Weise, Lutz; Kircher, Dieter; and Goossens, Andre F. L., to ITT Industries, Inc. Hydraulic brake system with slip control. 4,521,061, 6-4-85, Cl. 303-114.000.
- Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, to ITT Industries, Inc. Method for monitoring and controlling hydraulic brake slip control devices supplied with energy from an external source, and an apparatus for implementing this method. 4,523,791, 6-18-85, Cl. 303-92.000.
- Belart, Juan; and Burgdorf, Jochen, to ITT Industries, Inc. Dual-circuit hydraulic brake system. 4,523,792, 6-18-85, Cl. 303-92.000.
- Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, to ITT Industries, Inc. Method and apparatus for controlling and monitoring hydraulic brake slip. 4,555,144, 11-26-85, Cl. 303-92.000.
- Belbel, Elie; Blanchard, Christian; Lauraire, Michel; Fechant, Louis; and Haury, Andre, to La Telemecanique Electrique. Contactor

having self-protection means against the effect of the forces of repulsion between the contacts. 4,513,270, 4-23-85, Cl. 335-195.000.

Belbel, Elie; Blanchard, Christian; Fechant, Louis; Haury, Andre; and Lauraire, Michel, to La Telemecanique Electrique. Limiting switch. 4,536,630, 8-20-85, Cl. 200-151.000.

Belbel, Elie; Blanchard, Christian; Haury, Andre; and Lauraire, Michel, to La Telemecanique Electrique. Switch device having an insulating screen inserted between the contacts during breaking and means for shearing the arc between this screen and an insulating wall. 4,562,323, 12-31-85, Cl. 200-151.000.

Belbin, Chesley E., Sr. Tablet storage and dispensing device. 4,512,500, 4-23-85, Cl. 221-82.000.

Belcher, Joe D. Apparatus for applying designs to wall structure. 4,497,114, 2-5-85, Cl. 33-41.00D.

Belco Pollution Control Corporation: *See*—
Gibbons, Robert E., 4,519,817, Cl. 55-112.000.

Belden, Byron B.: *See*—
Johnson, James D.; Belden, Byron B.; and Kamp, Terrence A., 4,525,094, Cl. 403-11.000.

Belder, Eimbert G.; van der Linde, Robert; and Schippers, Jan, to DSM Resins B.V. Polyester and its use in powder coating. 4,528,341, 7-9-85, Cl. 525-438.000.

Belding, Charles A.: *See*—
Adams, Richard J.; and Belding, Charles A., 4,491,503, Cl. 162-232.000.

Bele, Robert; and Micaletti, Gilbert, to CGR Ultrasonic. Image display process by ultrasounds from an alignment of transducer elements. 4,561,308, 12-31-85, Cl. 73-626.000.

Bele, Robert: *See*—
Prud'hon, Lucien; and Bele, Robert, 4,531,412, Cl. 73-621.000.

Belenger, Jacques; and Jeanjacquot, Alain. Centrifugal clinical blood pump. 4,507,048, 3-26-85, Cl. 415-90.000.

Belew, Patricia W.: *See*—
Rosenberg, E. William; and Belew, Patricia W., 4,491,588, Cl. 424-273.00R.

Belew, Robert R., to United States of America, National Aeronautics and Space Administration. Variable length strut with longitudinal compliance and locking capability. 4,536,114, 8-20-85, Cl. 410-156.000.

Belferman, Leonid M.: *See*—
Eystratov, Vitaly A.; Elkin, Mikhail Y.; Danilenko, Viktor Y.; Stepunin, Ivan M.; Tsenta, Nikolai E.; Rud, Sergei A.; and Belferman, Leonid M., 4,494,448, Cl. 92-172.000.

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Belforte, Piero; Bostica, Bruno; Pilati, Luciano; Bovo, Amilcare; and Canato, Luigi, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Switching unit for the transfer of digitized signals in PCM system. 4,545,051, 10-1-85, Cl. 370-66.000.

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Belfoure, Edward: *See*—
Miller, Kenneth F.; and Belfoure, Edward, 4,504,634, Cl. 525-439.000.

Belfoure, Edward L.: *See*—
Liu, Ping Y.; and Belfoure, Edward L., 4,559,388, Cl. 525-146.000.
Miller, Kenneth F.; and Belfoure, Edward L., 4,506,065, Cl. 528-194.000.

Belgard, Richard A.: *See*—
Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.
Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
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Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., 4,514,800, Cl. 364-200.000.
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Belikin, Alexandr V.: *See*—
Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.

Belikov, Evgeny V.: *See*—
Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.; Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.; Osher, Mikhail I.; and Plyakin, Nikolai P., 4,549,760, Cl. 294-88.000.

Belin, Claude: *See*—
Le Mehaute, Alain; and Belin, Claude, 4,495,258, Cl. 429-103.000.

Belin, Rudolf E.; Boyce, William F.; and Feehan, John D., to Commonwealth Scientific and Industrial Research Organization. Helical wrapping of tape. 4,519,195, 5-28-85, Cl. 57-3.000.

Beliveau, Jean L., to EPSM Inc. Insulated building block. 4,557,093, 12-10-85, Cl. 52-405.000.

Beliveau, Jean L., to EPSM Inc. Insulated block building. 4,557,094, 12-10-85, Cl. 52-405.000.

Belka, Heinrich, to Esge-Marby GmbH & Co. KG. Baggage carrier for two-wheeled vehicles. 4,537,338, 8-27-85, Cl. 224-39.000.

Belknap, Alfred R.: *See*—
Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., 4,492,507, Cl. 414-475.000.
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Belko, Robert P.; Boden, Richard M.; and Hanna, Marie R., to International Flavors & Fragrances Inc. Use of norbornyl oxyacetaldehyde in augmenting or enhancing aroma of detergents or fabric softeners. 4,543,192, 9-24-85, Cl. 252-8.600.

Belko, Robert P.: *See*—
Hall, John B.; Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,549,982, Cl. 252-522.00R.
Sprecker, Mark A.; Klemarczyk, Philip T.; and Belko, Robert P., 4,492,645, Cl. 252-522.00R.
Sprecker, Mark A.; Belko, Robert P.; and Greene, Roger E., 4,493,790, Cl. 252-522.00R.
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Bell, Alan G.: *See*—
Borriello, Gaetano; Lyon, Richard F.; and Bell, Alan G., 4,513,427, Cl. 375-110.000.

Bell, Alexis D., to Mallinckrodt, Inc. Salt substitute containing potassium chloride coated with a mixture of maltodextrin and sodium chloride and method of preparation. 4,556,566, 12-3-85, Cl. 426-96.000.

Bell, Anthony J.: *See*—
Henderson, James N.; Donbar, Ken W.; Barbour, John J.; and Bell, Anthony J., 4,506,031, Cl. 502-162.000.

Bell, Audrey R. Animal play and exercise structure. 4,497,279, 2-5-85, Cl. 119-29.000.

Bell, Cecil R., Jr.; Lathery, Willie M.; Patel, Navin D.; and London, Jasper R., to Consolidated Foods Corporation. Loading system for a toe closing assembly. 4,539,924, 9-10-85, Cl. 112-262.200.

Bell, Christy W.: *See*—
Titus, Charles H.; Wittle, John K.; and Bell, Christy W., 4,495,990, Cl. 166-65.00R.

Bell, Curtis H.: *See*—
Olsen, Roy W.; and Bell, Curtis H., 4,561,838, Cl. 425-387.100.

Bell, David B. Voice/data digital, duplex link. 4,549,290, 10-22-85, Cl. 370-32.000.

Bell, David J.: *See*—
Jones, Harold; and Bell, David J., 4,535,898, Cl. 211-153.000.

Bell, David L., to BICC-Vero Electronics Limited. Circuit board installation. 4,498,118, 2-5-85, Cl. 361-384.000.

Bell, David R.; and Miller, Theodore E., Jr., to Dow Chemical Company, The. Method for the batch preparation of sample aliquots by solvent extraction and separation of solubles from nonsoluble particulate. 4,533,643, 8-6-85, Cl. 436-178.000.

Bell, Dwain C.; Anderson, Lloyd E.; and Anderson, Martin L. Carpet handling tool. 4,529,238, 7-16-85, Cl. 294-8.600.

Bell, Edward D. Apparatus for rapid refueling of armored fighting vehicles. 4,535,826, 8-20-85, Cl. 141-231.000.

Bell Equipment Company: *See*—
Bell, James L.; and Horvath, John, 4,543,028, Cl. 414-408.000.

Bell, Eugene, to Massachusetts Institute of Technology. Fabrication of living blood vessels and glandular tissues. 4,539,716, 9-10-85, Cl. 623-1.000.

Bell, Eugene, to Massachusetts Institute of Technology. Fabrication of living blood vessels and glandular tissues. 4,546,500, 10-15-85, Cl. 623-1.000.

Bell, Frank H., to Thiokol Corporation. External tracer for gun launched projectiles. 4,495,870, 1-29-85, Cl. 102-511.000.

Bell, Frank H., to Thiokol Corporation. Inertia type friction initiator for rotating projectiles. 4,515,080, 5-7-85, Cl. 102-205.000.

Bell, Frank H., to Morton Thiokol, Inc. Gun launched IR cloaking device for vehicles. 4,522,126, 6-11-85, Cl. 102-370.000.

Bell, George M., to Stavis, Hillel. Infinitely adjustable support system. 4,533,104, 8-6-85, Cl. 248-245.000.
Bell, Gilbert C.; and Stanhope, Harry W., to Celanese Corporation. Yarn package for spiralers. 4,516,394, 5-14-85, Cl. 57-234.000.
Bell, Gordon M.; and Hopkinson, Philip J., to General Electric Company. Method for making a transformer having improved space factor. 4,521,956, 6-11-85, Cl. 29-605.000.
Bell, Gordon M.: *See—*
  Rademaker, Leo C.; Hopkinson, Philip J.; Bell, Gordon M.; and Hay, Noah D., 4,521,954, Cl. 29-605.000.
Bell, Graeme I.: *See—*
  Cousens, Lawrence S.; Bell, Graeme I.; and Valenzuela, Pablo D. T., 4,510,245, Cl. 435-172.300.
Bell, Hank, to Hydro-Med Products, Inc. Apparatus for forming a rolled tubular fabric article. 4,529,396, 7-16-85, Cl. 493-244.000.
Bell, Harry. Manually operable post driver. 4,494,612, 1-22-85, Cl. 173-1.000.
Bell, Harvey; Lenchin, Julianne M.; and Zwiercan , Gary A., to National Starch and Chemical Corporation. Liquid batter for coating foodstuffs and method of making same. 4,504,509, 3-12-85, Cl. 426-549.000.
Bell, Harvey: *See—*
  Lenchin, Julianne M.; and Bell, Harvey, 4,529,607, Cl. 426-94.000.
Bell Helicopter Textron Inc.: *See—*
  Reyes, Peter A.; and Finney, Robert H., 4,522,563, Cl. 416-134.00A.
  Taylor, Robert R.; Bowen, Billy C.; and Emery, John H., 4,547,701, Cl. 313-500.000.
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  Broersma, Lester V., 4,555,816, Cl. 2-425.000.
  Sundahl, James G., 4,549,541, Cl. 128-201.190.
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  Benham, Harold H., Jr.; and Wells, Thomas R., 4,515,451, Cl. 353-120.000.
  Clause, Marvin B., Jr.; and Thompson, Callie R., 4,542,893, Cl. 270-52.500.
  Cloud, Wilbert L.; and Shaw, Steve, 4,503,976, Cl. 209-546.000.
  Fallos, George, 4,553,652, Cl. 192-18.00R.
  Grant, Frederic F., 4,514,055, Cl. 350-6.300.
  Guenther, Kenneth L.; and Zemke, Edward H., 4,494,742, Cl. 270-58.000.
  Guzik, Rudolph, 4,496,232, Cl. 355-3.0CH.
  Hainsworth, Thomas E., 4,492,504, Cl. 414-273.000.
  Hams, Kenneth A., 4,533,133, Cl. 271-9.000.
  Kosner, Jerry J., 4,509,735, Cl. 271-11.000.
  Reinert, Warren; and Fallos, George, 4,505,470, Cl. 271-100.000.
  Ricciardi, Mario, 4,516,761, Cl. 270-41.000.
  Spencer, William H.; and Anderberg, Thomas E., 4,514,799, Cl. 364-200.000.
  Stefansson, Rafn, 4,522,385, Cl. 271-10.000.
  Stefansson, Rafn, 4,556,333, Cl. 400-58.000.
  Stites, David G., 4,514,050, Cl. 350-444.000.
  Stocker, Lester H., 4,502,676, Cl. 270-45.000.
  Svyatsky, Eduard; and Rabindran, K. George, 4,561,352, Cl. 101-2.000.
  Toeppen, John S., 4,494,840, Cl. 353-101.000.
  Zemke, Edward H., deceased; Pogue, Harold D.; Shah, Girish B.; and Bowles, Myron A., 4,544,146, Cl. 270-58.000.
Bell & Howell Japan Ltd.: *See—*
  Katsuyama, Tsutomu, 4,531,819, Cl. 354-92.000.
Bell, Jackie D.: *See—*
  Fabbri, Vittorio E.; and Bell, Jackie D., 4,552,159, Cl. 132-9.000.
  Fabbri, Vittorio E.; and Bell, Jackie D., 4,561,850, Cl. 434-98.000.
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Bell, James D., to Union Underwear Company, Inc. Trim attaching machine and method. 4,524,706, 6-25-85, Cl. 112-121.290.
Bell, James L.; and Horvath, John, to Bell Equipment Company. Dump apparatus for trash containers. 4,543,028, 9-24-85, Cl. 414-408.000.
Bell, John E., to Anchor Continental Inc. Adhesive tape fasteners. 4,516,976, 5-14-85, Cl. 604-389.000.
Bell, John L., to Burroughs Corporation. Method of initializing and recovering from failures in a local area network. 4,519,070, 5-21-85, Cl. 370-88.000.
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Bell, John M.: *See—*
  Hare, Harold L.; and Bell, John M., 4,502,287, Cl. 62-126.000.
Bell, John R.; Scoville, Robert E.; and Whitt, Joade, to National Steel Corporation. Shroud tube manipulating and supporting apparatus. 4,550,867, 11-5-85, Cl. 222-607.000.
Bell, Joseph W.: *See—*
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Bell, Lon E.; and Gruber, William P., to Technar, Incorporated. Temperature sensitive transducer with a resonant bimetal disk. 4,541,731, 9-17-85, Cl. 374-117.000.
Bell, Malcolm C. E.: *See—*
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Bell, Malcolm R.: *See—*
  Schlegel, Donald C.; and Bell, Malcolm R., 4,496,590, Cl. 514-646.000.
Bell Manufacturing Company: *See—*
  Cockburn, Harrold; Weatherly, Darrel; and Yarbro, Earl, 4,509,468, Cl. 123-90.380.
Bell Maschinenfabrik Aktiengesellschaft: *See—*
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Bell, Michael; Kreuer, Klaus-Dieter; Rabenau, Albrecht; and Weppner, Werner, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Solid proton conductors and their use. 4,495,078, 1-22-85, Cl. 252-62.200.
Bell, Michael. Eye protection means for eye wear. 4,547,909, 10-22-85, Cl. 2-431.000.
Bell, Michael S. Backpack for hikers. 4,561,578, 12-31-85, Cl. 224-262.000.
Bell, Noel G. Traveling trench shore. 4,547,097, 10-15-85, Cl. 405-283.000.
Bell, Noel G. Trench shoring apparatus. 4,548,528, 10-22-85, Cl. 405-283.000.
Bell, R. Richard, to International Jensen Incorporated. Optimizing antenna interface for automobile radio receivers. 4,531,234, 7-23-85, Cl. 455-247.000.
Bell, Raymond J.: *See—*
  Poole, John S.; Gere, Dennis R.; Bell, Raymond J.; and Nickerson, Mark A., 4,500,432, Cl. 210-659.000.
Bell, Richard S., to Mighty-Mac, Inc. Exercise garment. 4,497,071, 2-5-85, Cl. 2-94.000.
Bell, Robert A.: *See—*
  Kern, Mark T.; Bell, Robert A.; and Riedl, Max J., 4,544,843, Cl. 250-239.000.
Bell, Robert J.: *See—*
  Watkins, Randy W.; Bell, Robert J.; Martorano, Joseph A.; and Essinger, Walter F., 4,559,535, Cl. 340-793.000.
Bell, Robert K., to General Electric Company. VCO Having field effect and bipolar transistors in parallel. 4,511,861, 4-16-85, Cl. 331-108.00R.
Bell, Robert L.; and Lathlaen, Richard A., to Combustion Engineering, Inc. High accuracy differential pressure capacitive transducer and methods for making same. 4,501,051, 2-26-85, Cl. 29-25.410.
Bell, Ronald D.: *See—*
  McGill, Eugene C.; and Bell, Ronald D., 4,519,993, Cl. 423-235.000.
Bell, Russell A.: *See—*
  Turner, John V.; and Bell, Russell A., 4,532,334, Cl. 549-297.000.
Bell, Stanley C.: *See—*
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Bell, Steve W.; and Embree, Milton L., to AT&T Bell Laboratories. Speakerphone linear comparator. 4,492,824, 1-8-85, Cl. 179-81.00B.
Bell, Steven A., to Coherent Communications, Inc. Method and apparatus for recording a digital signal on motion picture film. 4,491,399, 1-1-85, Cl. 352-92.000.
Bell, Steven A.; and Kruglak, Ivan T., to Coherent Communications, Inc. System for recording a time code signal on motion picture film. 4,504,130, 3-12-85, Cl. 352-92.000.
Bell, Ted A., to Pretty Products, Inc. Merchandise display rack. 4,516,682, 5-14-85, Cl. 211-59.100.
Bell Telephone Laboratories, Inc.: *See—*
  Draper, Clifton W.; and Poate, John M., 4,495,255, Cl. 428-669.000.
  Eldumiati, Ismail I.; and Maul, Michael K., 4,525,776, Cl. 364-200.000.
Bell, Vivien L.; Ferguson, Ian J.; and Weatherley, Mark J., to Minnesota Mining and Manufacturing Company. Recording element for optical data storage. 4,547,444, 10-15-85, Cl. 430-11.000.
Bell, Vivien L., to Minnesota Mining and Manufacturing Company. Recording element for optical data storage. 4,551,413, 11-5-85, Cl. 430-270.000.
Bell, William D.: *See—*
  Patel, Shantilal G.; and Bell, William D., 4,551,892, Cl. 28-166.000.
Bella, Luigi; Brignolo, Roberto; Barberis, Giulio; and Sposini, Maurizio, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Distributed control system for multiple random access to the transmission line of a local network for speech and data. 4,542,499, 9-17-85, Cl. 370-85.000.
Bellafiore, Francis V., to Chicago Bridge & Iron Company. Method of coating the walls of narrow vertical elongated spaces. 4,504,525, 3-12-85, Cl. 427-230.000.
Bellafiore, Gaspare. Hearing aid. 4,532,649, 7-30-85, Cl. 381-69.000.
Bellah, Glen R.; Mylander, Richard H.; Idelman, Lloyd B.; and Coons, Robert R., to International Harvester Company. Multi-directional single lever control for transmissions. 4,494,418, 1-22-85, Cl. 74-475.000.
Bellah, Glen R., to J. I. Case Company. Start switch mechanism. 4,541,307, 9-17-85, Cl. 74-850.000.
Bellamy, Brad L.: *See—*
  Dykstra, Jerald P.; and Bellamy, Brad L., 4,514,637, Cl. 250-492.200.
Bellamy, Francois: *See—*
  Majoie, Bernard; Bellamy, Francois; Dodey, Pierre; and Robin, Jacques, 4,528,294, Cl. 514-327.000.
Bellanca, Carmen L.: *See—*
  Nevins, Norman; McVay, Robert L.; and Bellanca, Carmen L., 4,542,053, Cl. 428-48.000.
Bellar, Robert J.; Golden, William G.; Saperstein, David D.; and Vats, Ashok, to International Business Machines Corporation. Method and

apparatus for simultaneously recording multiple FT-IR signals. 4,511,986, 4-16-85, Cl. 364-576.000.

Bellasalma, Gerald J.: *See*—
- Altman, Murray; and Bellasalma, Gerald J., 4,533,512, Cl. 264-339.000.

Bellay, Jeffrey D., to Texas Instruments Incorporated. Emulator device including a semiconductor substrate having the emulated device embodied in the same semiconductor substrate. 4,527,234, 7-2-85, Cl. 364-200.000.

Bellay, Jeffrey D.; and Thaden, Robert C., to Texas Instruments Incorporated. Precharged discharge sensing for EPROM. 4,545,038, 10-1-85, Cl. 365-230.000.

Bellefeuille, David T.; and Beckwith, Robert S. Gas leak meter. 4,524,608, 6-25-85, Cl. 73-40.50R.

Bellemann, Rudolf; Diehlmann, Rolf; Dobrocsi, Bela; and Wacker, Karl F., to Joh. A. Benckiser Wassertechnik GmbH. Apparatus for cleaning filters in pressurized fluid flow systems. 4,549,961, 10-29-85, Cl. 210-108.000.

Bellemare, Richard A., to Pitney Bowes Inc. Correction of imaging imperfections. 4,491,963, 1-1-85, Cl. 382-53.000.

Beller, Wilbert E.; and Mateja, Edward J., to Singer Company, The. Digital fluid flow rate sensor. 4,526,041, 7-2-85, Cl. 73-861.470.

Beller, Wilbert E.; Georgacakis, George D.; and Obermann, George, to Singer Company, The. Switch construction. 4,533,803, 8-6-85, Cl. 200-153.00K.

Bellerive, Donald E.: *See*—
- Moran, William; and Bellerive, Donald E., 4,530,497, Cl. 272-71.000.

Bellerose, Richard J., to J. C. Pitman Company, Inc. Potato slicer. 4,546,684, 10-15-85, Cl. 83-355.000.

Bellet, Jean L.: *See*—
- Couasnon, Tristan de; and Bellet, Jean L., 4,550,407, Cl. 371-29.000.

Belletire, John L., to Pfizer Inc. Carboxylic acid therapeutic agents. 4,530,919, 7-23-85, Cl. 562-467.000.

Belleville, Marc J. E.: *See*—
- Pumo, Joseph; and Belleville, Marc J. E., 4,540,898, Cl. 307-269.000.

Belleville, Maryse: *See*—
- Bayssat, Michel; Belleville, Maryse; and Grand, Marcel, 4,512,994, Cl. 514-374.000.

Bellezza, Gianfranco, to C.P.M. S.p.A. Impianti Industriali. Guardhouse of improved type. 4,555,991, 12-3-85, Cl. 109-9.000.

Belli, Aldo. *See*—
- Giordano, Claudio; Belli, Aldo; Uggeri, Fulvio; and Villa, Giovanni, 4,560,777, Cl. 549-374.000.
- Piccolo, Oreste; Belli, Aldo; Villa, Giovanni; Zen, Enrico; and Citterio, Attilio, 4,542,233, Cl. 560-21.000.

Belli, Remo D.: *See*—
- Hartry, Donald R.; and Belli, Remo D., 4,549,462, Cl. 84-413.000.

Bellin, Howard T.; Fellner, Donald; and Tchorbajian, Nichan. Portable EKG monitoring device for ST deviation. 4,546,776, 10-15-85, Cl. 128-704.000.

Bellin, Jack L.: *See*—
- Hartog, Jan J.; Bellin, Jack L.; Knollman, Gilbert C.; and Jonath, Arthur D., 4,538,462, Cl. 73-577.000.

Bellini, Francesco; and Bagli, Jehan F., to American Home Products Corporation. Antisecretory agents derived from meldrum's acid. 4,547,516, 10-15-85, Cl. 514-385.000.

Bellini, Francesco: *See*—
- Sestanj, Kazimir; Fung, Steven; Abraham, Nedumparambil A.; and Bellini, Francesco, 4,499,310, Cl. 568-634.000.

Bellino, Joseph P., to General Electric Company. Portable smoke alarm. 4,525,703, 6-25-85, Cl. 340-628.000.

Bellis, Edward J.; and Gale, Philip F. Apparatus for locating faults in electric cables. 4,491,782, 1-1-85, Cl. 324-52.000.

Bellis, Harold E., to Du Pont de Nemours, E. I., and Company. Process for preparing substituted formamides. 4,543,424, 9-24-85, Cl. 564-215.000.

Bellis, Robert D.; Tod, Timothy W.; and Tod, Roger J., to Coin Controls Limited. Machine having a coin or token payout mechanism. 4,535,794, 8-20-85, Cl. 133-8.00E.

Bellisio, Jules A.; and Larsen, Arthur B., to AT&T Bell Laboratories. Dual mode coding. 4,491,953, 1-1-85, Cl. 375-27.000.

Belliveau, Dennis A.; and Thomas, Eugene W., to Hitchiner Manufacturing Co., Inc. Self-tapping support for shell molds. 4,508,157, 4-2-85, Cl. 164-63.000.

Bellman, Brian M., to United States of America, Air Force. Clock distribution circuit for active aperture antenna array. 4,521,893, 6-4-85, Cl. 375-107.000.

Bellmann, Bernhard G.; Birkner, Horst W.; and Kaminsky, Theo, to Santrade Ltd. Tool carrying magazine for a tool handling machine. 4,545,107, 10-8-85, Cl. 29-568.000.

Bellmann, Gunter: *See*—
- Nguyen, Van T.; Bellmann, Gunter; and Boussel, Francoise, 4,530,961, Cl. 524-832.000.

Bello, Vincent G.; and Sweeting, Charles W., to United Technologies Corporation. Boost feedforward pulse width modulation regulator. 4,536,700, 8-20-85, Cl. 323-285.000.

Bello, Vincent G.; and Sweeting, Charles W., to United Technologies Corporation. Flyback feedforward pulse width modulation regulator. 4,546,421, 10-8-85, Cl. 363-21.000.

Bellocci, Rio; and Pamart, Joel, to Pont-a-Mousson S.A. Loading method and installation for a metal alloy founding furnace to supply foundry molds. 4,491,303, 1-1-85, Cl. 266-114.000.

Bellocci, Rio; Gourmel, Yves; and Pierrel, Michel, to Pont-a-Mousson S.A. Tubular die for the continuous casting of a thin-walled tube. 4,506,723, 3-26-85, Cl. 164-421.000.

Bellocci, Rio: *See*—
- Bak, Claude; Bellocci, Rio; and Colmet, Serge, 4,527,608, Cl. 164-58.100.

Bellos, Thomas J., to Petrolite Corporation. Thioureylenes. 4,492,658, 1-8-85, Cl. 260-455.00A.

Bellos, Thomas J.; and Lovett, Eva G., to Petrolite Corporation. Polyalkanolamines. 4,505,839, 3-19-85, Cl. 252-344.000.

Bellows, Alfred H., to GTE Automatic Electric Laboratories Incorporated. Circuit breaker. 4,491,814, 1-1-85, Cl. 335-192.000.

Bellows, James C., to Westinghouse Electric Corp. Apparatus for monitoring corrosive salt solutions in a low pressure steam turbine. 4,509,332, 4-9-85, Cl. 60-660.000.

Bellows, James C.: *See*—
- Kemper, Christian T.; Osborne, Robert L.; and Bellows, James C., 4,517,468, Cl. 290-52.000.

Bellows, Kenneth O., to Air Preheater Company, Inc., The. Means for lifting heating element baskets. 4,552,204, 11-12-85, Cl. 165-10.000.

Bellows, Kenneth O., to Air Preheater Company, Inc., The. Means for lifting heating element baskets. 4,557,318, 12-10-85, Cl. 165-10.000.

Bellows, Kenneth O., to Air Preheater Company, Inc., The. Element basket for rotary regenerative heat exchangers. 4,558,732, 12-17-85, Cl. 165-8.000.

Bellows, Kenneth O., to Air Preheater Company, Inc., The. Element basket assembly for heat exchanger. 4,561,492, 12-31-85, Cl. 165-8.000.

Bellville, Dennis J.: *See*—
- Bauld, Nathan L.; and Bellville, Dennis J., 4,503,195, Cl. 525-333.400.
- Bauld, Nathan L.; and Bellville, Dennis J., 4,552,928, Cl. 525-326.200.

Belly, Robert T.; and Clements, Laurie J., to Eastman Kodak Company. Composition, analytical element and method for the detection of bacteria. 4,556,636, 12-3-85, Cl. 435-34.000.

Belly, Robert T.: *See*—
- Frank, David S.; and Belly, Robert T., 4,555,396, Cl. 424-3.000.
- Guardino, Robert F.; and Belly, Robert T., 4,525,453, Cl. 435-34.000.

Belmont, Lee. Vacuum coupled squeegee attachment. 4,557,013, 12-10-85, Cl. 15-401.000.

Belmont Textile Machinery Company: *See*—
- Niederer, Kurt W., 4,550,880, Cl. 242-18.0DD.

Belmonte, James A.; and Hillman, Arthur E., to Corning Glass Works. Masking apparatus for selectively charging honeycomb structures. 4,557,962, 12-10-85, Cl. 428-117.000.

Belmor Manufacturing Company: *See*—
- Kooyumjian, Thomas A., 4,523,657, Cl. 180-68.100.

Belmore, James E.: *See*—
- Larson, Jay M.; Jenkins, Lawrence F.; and Belmore, James E., 4,547,229, Cl. 148-134.000.

Beloit Corporation: *See*—
- Adams, Richard J.; and Belding, Charles A., 4,491,503, Cl. 162-232.000.
- Adams, Richard J., 4,552,620, Cl. 162-358.000.
- Arav, Ronnie A., 4,530,371, Cl. 137-115.000.
- Arav, Ronnie A., 4,543,977, Cl. 137-115.000.
- Arav, Ronnie A., 4,561,379, Cl. 118-126.000.
- Berry, Kenneth W., 4,510,859, Cl. 100-35.000.
- Beucker, Albert W., 4,551,894, Cl. 29-130.000.
- Chance, James L.; and Wedel, Gregory L., 4,538,360, Cl. 34-41.000.
- Cooke, Ronald D.; and Laage, Neil A., 4,498,249, Cl. 34-125.000.
- Ely, Donald A., 4,510,698, Cl. 34-117.000.
- Ely, Donald A., 4,556,451, Cl. 162-205.000.
- Flohr, Gary R., 4,498,137, Cl. 364-471.000.
- Frye, Kenneth G.; and Karis, Arthur T., 4,539,072, Cl. 162-197.000.
- Frye, Kenneth G.; and Gill, Michael L., 4,541,585, Cl. 242-66.000.
- Frye, Kenneth G., 4,548,117, Cl. 83-500.000.
- Gill, Michael L., 4,538,734, Cl. 209-668.000.
- Justus, Edgar J., 4,495,711, Cl. 34-23.000.
- Justus, Edgar J., 4,495,712, Cl. 34-52.000.
- Justus, Edgar J., 4,536,255, Cl. 162-358.000.
- Justus, Edgar J., 4,549,415, Cl. 68-158.000.
- Justus, Edgar J., 4,561,939, Cl. 162-360.100.
- Karr, Gerald W.; and Muller, Gernot, 4,501,197, Cl. 100-35.000.
- Lucas, Robert G., 4,549,701, Cl. 242-75.300.
- Matthew, John B.; and Robinson, David H., 4,529,137, Cl. 241-163.000.
- Matthew, John B.; and Kirchner, Edward C., 4,531,681, Cl. 241-146.000.
- Nanda, Ashok K.; Silveri, Luigi; and McCool, Michael A., 4,548,673, Cl. 162-4.000.
- Olshansky, Alexis; and Guild, Gerald A., 4,520,704, Cl. 83-499.000.
- Roerig, Arnold J.; and Schroeder, Robert W., 4,517,056, Cl. 162-344.000.
- Sennett, Thomas; and Guetschow, Jimmy L., 4,559,105, Cl. 162-352.000.

Beloit Walmsley Limited: *See*—
- Arav, Ronnie A., 4,544,449, Cl. 162-374.000.

Belokin, Paul, Jr. Electrical connector having handle-mounted bifurcated resilient pin-engaging electrical plate. 4,511,200, 4-16-85, Cl. 339-50.00R.

Belokopytov, Jury A.: *See*—
- Sominin, Mikhail A.; Surikov, Valery N.; Belokopytov, Jury A.; and Fesenko, Evgeny P., 4,545,008, Cl. 364-148.000.

Belonger, Donald P.: *See—*
  Gilbert, Wilbur E.; Martin, Robert E.; and Belonger, Donald P., 4,508,387, Cl. 297-429.000.
Belongia, Larry P., to Magna-Graphics Corporation. Rotary web processing apparatus. 4,553,461, 11-19-85, Cl. 83-344.000.
Belopolsky, Yakov, to Northern Telecom Limited. Thick film resistor. 4,503,418, 3-5-85, Cl. 338-309.000.
Belopolsky, Yakov, to Northern Telecom Limited. Fuse for thick film device. 4,533,896, 8-6-85, Cl. 337-232.000.
Belorussky Nauchnoissledovatelsky Institut Kardiologii: *See—*
  Sidorenko, Georgy I.; Lopato, Georgy P.; Yakubovich, Vladimir M.; Nikitin, Yaroslav G.; Usachev, Oleg I.; and Vorobiev, Anatoly P., 4,499,904, Cl. 128-703.000.
Belorussky Politekhnichesky Institut: *See—*
  Lyakhevich, Genrikh D.; Khimanych, Anatoly P.; Suzansky, Vasily G.; and Kovalerchik, Vulf P., 4,552,621, Cl. 202-84.000.
  Stepanenko, Alexandr V.; Voitov, Vladimir G.; Klimenkov, Stepan S.; Bartashevich, Svyatoslav A.; and Karpitsky, Viktor S., 4,545,229, Cl. 72-73.000.
Belouet, Christian, to Compagnie Generale d'Electricite; and Societe Nationale Elf Aquitaine. Device for depositing a layer of polycrystalline silicon on a carbon tape. 4,520,752, 6-4-85, Cl. 118-405.000.
Belrecolt S.A.: *See—*
  Aron, Jerome; and Quirin, Michel, 4,519,194, Cl. 56-370.000.
Belsterling, Charles A.; and Soberman, Robert K., to Calspan Corporation. Tool-supporting self-propelled robot platform. 4,536,690, 8-20-85, Cl. 318-687.000.
Belt, Robert. Cooking apparatus for pickup trucks. 4,518,189, 5-21-85, Cl. 296-22.000.
Belt, Roger F.: *See—*
  Shone, Michael F.; and Belt, Roger F., 4,544,239, Cl. 350-376.000.
Belt, Ronald A.; and Joseph, James D., to Honeywell Inc. Means and method of processing optical image edge data. 4,553,260, 11-12-85, Cl. 382-22.000.
Beltek Corporation: *See—*
  Nishida, Katsumi, 4,495,607, Cl. 369-6.000.
Belter, Jerome G., to Dana Corporation. Multi-thickness fire ring assembly. 4,518,168, 5-21-85, Cl. 277-235.00B.
Belter, Jerome G., to Dana Corporation. Port baffle for engine gasket. 4,534,572, 8-13-85, Cl. 277-235.00B.
Belter, Lothar; and Stoecker, Alberto, to Schaeffer Scovill Verbindungstechnik GmbH. Fastener for waistbands or the like. 4,545,096, 10-8-85, Cl. 24-585.000.
Beltone Electronics Corporation: *See—*
  Brander, Richard, 4,543,453, Cl. 179-107.00R.
  Cerny, Elmer J., 4,498,555, Cl. 181-129.000.
  Moy, Alexander, 4,551,607, Cl. 219-121.0LJ.
Beltrame, Leonardo; and Granziera, Attilio, to Beltrame, Leonardo, a part interest. Acoustic unit base for electropneumatic horns. 4,541,505, 9-17-85, Cl. 181-179.000.
Beltran, Edward R. Accessory kit for flying disc toy. 4,515,570, 5-7-85, Cl. 446-47.000.
Beltrand, Steven D.: *See—*
  Jacobozzi, Vivian M.; and Beltrand, Steven D., 4,531,638, Cl. 206-486.000.
Beltronics Inc.: *See—*
  Bishop, Robert; and Bezjian, Krikor, 4,537,505, Cl. 356-237.000.
Belttari, Stanley C.: *See—*
  Jacobson, Mark K.; and Belttari, Stanley C., 4,500,232, Cl. 408-153.000.
Beltz, John P.: *See—*
  Southgate, Peter D.; Fairbanks, David W.; Davis, Richard B.; and Beltz, John P., 4,498,779, Cl. 356-384.000.
Beltz, Richard K.; and Large, Donald M., to AT&T Technologies, Inc. Cutting articles along known planes. 4,498,451, 2-12-85, Cl. 125-23.00R.
Beltz, Richard K.; and Large, Donald M., to AT&T Technologies, Inc. Assembling components having mating faces. 4,531,277, 7-30-85, Cl. 29-466.000.
Beltz, Thomas G. Truss system and components thereof. 4,546,591, 10-15-85, Cl. 52-645.000.
Belvederi, Bruno, to G.D. Societa per Azioni. Device for dispensing viscous materials. 4,535,693, 8-20-85, Cl. 101-366.000.
Belviso, Vincent; and Wicks, William H., to Cyclonic Equipment Co., Inc. Coin-operated, elapsed time apparatus. 4,541,519, 9-17-85, Cl. 194-1.00N.
Belwith International, Ltd.: *See—*
  Sjogren, C. Norman, 4,514,996, Cl. 70-100.000.
Bely, Diamar I.; Mardanov, Valentin P.; Meschanov, Gennady I.; Peshkov, Izyaslav B.; Povelichenko, Anatoly P.; and Timoshin, Jury M., to Vsesojuzny Nauchno-Issledovatelsky, Proektno-Konstruktorsky I Tekhnologichesky Institut Kabelnoi Promyshlennosti "VNIIKP". Multiwire twisted conductor and device for coating twisted conductor wires. 4,497,867, 2-5-85, Cl. 428-385.000.
Belyaev, Sergei V.: *See—*
  Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.
Belyaeva, Svetlana A.: *See—*
  Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.
Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., to Nauchno-Issledovatelsky I Kostruktorsky Institut. Uneven bars. 4,491,314, 1-1-85, Cl. 272-63.000.
Belykh, Sergei I.; Moschensky, Anatoly D.; Davydov, Anatoly B.; Pershin, Gely G.; Smirnov, Boris A.; and Gromov, Mikhail V., to Vsesojuzny Nauchno-Issledovatelsky I Ispytatelny Institut Meditsinskoi Tekhniki. Device for uniting bone fragments. 4,492,226, 1-8-85, Cl. 128-92.0BC.
Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I. Joining element for fixation of bone tissues. 4,550,723, 11-5-85, Cl. 128-92.00B.
Belz, Roland K. Composite packaging material and process for making same. 4,551,369, 11-5-85, Cl. 428-36.000.
Belzile, Jean-Yves. Absorbent swab imbiber. 4,540,366, 9-10-85, Cl. 433-136.000.
Bemis Company, Inc.: *See—*
  Cooper, Barry A., 4,504,434, Cl. 264-22.000.
  Jacobson, Roger K.; and Munson, Ronald W., 4,515,273, Cl. 206-604.000.
  Nelson, Rodney C., 4,522,012, Cl. 53-175.000.
  Odom, Robert E., 4,498,893, Cl. 493-12.000.
  Odom, Robert E., 4,561,238, Cl. 53-573.000.
Bemis Manufacturing Company: *See—*
  Pepper, Kenneth V., 4,553,356, Cl. 52-11.000.
  Pepper, Kenneth V., 4,553,357, Cl. 52-12.000.
Ben Bernstein & Associates: *See—*
  Bernstein, Benjamin T.; and Toman, George M., 4,528,777, Cl. 51-40.000.
Ben Clements & Sons, Inc.: *See—*
  Dilley, Gerald G., 4,559,977, Cl. 140-93.600.
  Furutsu, Akira, 4,499,928, Cl. 140-93.200.
  Furutsu, Akira, 4,507,828, Cl. 24-16.0PB.
  Furutsu, Akira, 4,511,073, Cl. 227-67.000.
  Furutsu, Akira, 4,535,926, Cl. 227-67.000.
  Furutsu, Akira, 4,538,754, Cl. 227-67.000.
  Furutsu, Akira, 4,553,688, Cl. 227-67.000.
  Kato, Masami, 4,503,006, Cl. 264-148.000.
Ben-Dror, Jonathan: *See—*
  Vardi, Isaih; Kimchi, Yigal; and Ben-Dror, Jonathan, 4,504,396, Cl. 210-800.000.
  Vardi, Isaih; Bourne, Joseph; Ben-Dror, Jonathan; and Kimchi, Yigal, 4,522,720, Cl. 210-512.100.
Ben-Gurion University of the Negev Research and Development Authority: *See—*
  Korin, Eliyaho; Rappaport, Elazar; Pasternak, Dov; Roy, Aharon S.; and Wolf, David, 4,498,459, Cl. 126-430.000.
  Pack, Isak; Veintraub, David; Yarkoni, Abraham; and Merchuk, Josef, 4,543,965, Cl. 128-748.000.
  Shani, Gad, 4,535,246, Cl. 250-390.000.
  Trop, Moshe, 4,530,850, Cl. 426-584.000.
Ben-Hur, Nahum: *See—*
  Behar, David; Rajbenbach, Arie L.; Juszynski, Marta; and Ben-Hur, Nahum, 4,554,317, Cl. 525-28.000.
Ben-Shmuel, Dan; and Zacuto, Philip, to Heat Extractor Inc. Heat extractor. 4,497,439, 2-5-85, Cl. 237-53.000.
Ben-Shmuel, Sonja. Centrifugal apparatus for making coffee. 4,545,296, 10-8-85, Cl. 99-289.00P.
Ben, Victor R., to Du Pont de Nemours, E. I., and Company. Antistatic composition and polyester fiber containing same. 4,506,070, 3-19-85, Cl. 528-287.000.
Ben-Yehuda, Yoel: *See—*
  Givol, Benny, 4,539,829, Cl. 70-454.000.
Ben Zeev, Ya'acov: *See—*
  Henquin, Teodor; and Ben Zeev, Ya'acov, 4,506,359, Cl. 370-81.000.
Benagiano, Giuseppe: *See—*
  Archer, Sydney; Benagiano, Giuseppe; Crabbe, Pierre; Diczfalusy, Egon; Djerassi, Carl; and Fried, Josef, 4,507,290, Cl. 514-172.000.
Benamy, Daniel A., to Allied Corporation. Averaging non-integer frequency division apparatus. 4,555,793, 11-26-85, Cl. 377-48.000.
Benard, David J.: *See—*
  McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., 4,558,451, Cl. 372-89.000.
Benard, Jacques A. V., to Spiro-Gills, Incorporated. Apparatus to manufacture heat exchanger finned tube. 4,514,900, 5-7-85, Cl. 29-727.000.
Benaroya, Henry; LeFoll, Jean; and Cadoux, Jean-Elie. Device for selectively taking up a layer of light liquid from the surface of a sheet of water. 4,491,518, 1-1-85, Cl. 210-177.000.
Benarr, Garry M.; Burns, Terry A.; and Walker, William J., to International Business Machines Corporation. Pinless connector interposer and method for making the same. 4,548,451, 10-22-85, Cl. 339-17.00M.
Benasutti, John E., to Burroughs Corporation. Circuit change pin for printed wiring board. 4,530,551, 7-23-85, Cl. 339-17.00C.
Benasutti, John E.: *See—*
  Braun, Robert E.; and Benasutti, John E., 4,510,446, Cl. 324-158.00R.
Benatar, Victor; and Wilburn, Walter R., to Advance Engineering, Inc. System for preventing clogging of the outlet orifice of a dispenser tank containing powdered reagent and auxiliary tank discharge means. 4,497,599, 2-5-85, Cl. 406-132.000.
Benbow, Eugene C., to Westinghouse Electric Corp. Electrical energy meter having a cover-mounted time-of-day multifunction register. 4,491,789, 1-1-85, Cl. 324-113.000.

- Bench, Ronald W.; and Hineline, Edson S., Jr., to Comdial Telephone Systems, Inc. Push-button dial for a telephone. 4,508,938, 4-2-85, Cl. 179-90.0BD.
- Benchimol, Jean-Louis; and Quillec, Maurice. Process for the liquid phase epitaxial deposition of a monocrystalline ternary compound. 4,532,001, 7-30-85, Cl. 156-622.000.
- Bencini, Elena: *See—*
  - Foa, Marco; Francalanci, Franco; Gardano, Andrea; and Bencini, Elena, 4,537,970, Cl. 546-319.000.
- Benckiser-Knapsack GmbH: *See—*
  - Crawford, David L., 4,517,208, Cl. 426-332.000.
  - Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,510,068, Cl. 252-186.290.
  - Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,526,582, Cl. 8-107.000.
- Bencsik, Peter: *See—*
  - Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.
- Bencuya, Izak; and Cogan, Adrian I., to GTE Automatic Electric Laboratories Incorporated. Fabrication of junction field effect transistor with filled grooves. 4,543,706, 10-1-85, Cl. 29-571.000.
- Bencuya, Izak: *See—*
  - Cogan, Adrian I.; and Bencuya, Izak, 4,551,909, Cl. 29-571.000.
- Bencz, Gyozo; Deres, Janos; and Tuti, Peter, to Orszagos Koolaj es Gazipari Troszt; and Vegyi- es Robbanoanyag Felugyelet. Charge liner for hollow explosive charges. 4,557,771, 12-10-85, Cl. 149-14.000.
- Bend Research, Inc.: *See—*
  - Friesen, Dwayne; Babcock, Walter C.; and Tuttle, Mark, 4,515,906, Cl. 521-28.000.
  - Heller, Jorge, 4,502,976, Cl. 252-315.400.
  - Roman, Ian C.; and Baker, Richard W., 4,542,010, Cl. 423-579.000.
- Benda, Steven J.; Kivisto, George M.; and Kivisto, Paul M. Clamp mechanism. 4,552,345, 11-12-85, Cl. 269-43.000.
- Bendahan, Samuel H., to Dynalube Holdings Limited. Cable lubricating device. 4,498,558, 2-12-85, Cl. 184-15.100.
- Bendall, Brian; and Flannery, Stephen W., to Meynell Valves Limited. Mixing valve. 4,509,677, 4-9-85, Cl. 236-122.000.
- Bendall, Max R.: *See—*
  - Pegg, David T.; Doddrell, David M.; and Bendall, Max R., 4,521,732, Cl. 324-300.000.
- Bendel, Wolfgang: *See—*
  - Altmann, Gerhard; Bendel, Wolfgang; Dedelmahr, Rudolf; and Pfeiffer, Richard, 4,540,536, Cl. 264-102.000.
- Bendell, Sidney L., to RCA Corporation. Color TV camera with four-port prism. 4,507,679, 3-26-85, Cl. 358-55.000.
- Bendell, Sidney L., to RCA Corporation. Solid-state color TV camera image size control. 4,521,804, 6-4-85, Cl. 358-51.000.
- Bendell, Sidney L.; and Johnson, Cydney A., to RCA Corporation. Exposure time control for a solid-state color camera. 4,532,550, 7-30-85, Cl. 358-213.000.
- Bendell, Sidney L., to RCA Corporation. Television camera with solid-state imagers cooled by a thermal servo. 4,551,760, 11-5-85, Cl. 358-213.000.
- Bender, Albert, to Maschinenfabrik Gehring Gesellschaft mit beschrankter Haftung & Co. Kommanditgesellschaft. Apparatus for holding workpieces. 4,502,255, 3-5-85, Cl. 51-227.00R.
- Bender, Annie L.: *See—*
  - Bender, Robert L.; and Bender, Annie L., 4,553,749, Cl. 273-1.00R.
- Bender, Audrey L., executrix: *See—*
  - Bender, Charles E., deceased; and Bender, Audrey L., executrix, 4,539,315, Cl. 514-162.000.
- Bender, Charles E., deceased; and Bender, Audrey L., executrix, to Dynatech Laboratories Incorporated. Sublingually absorbable nontoxic aspirin composition. 4,539,315, 9-3-85, Cl. 514-162.000.
- Bender, David L.: *See—*
  - Wakefield, G. Felix; Bender, David L.; and Rea, Samuel N., 4,517,049, Cl. 156-622.000.
  - Wakefield, G. Felix; Bender, David L.; and Rea, Samuel N., 4,551,291, Cl. 264-104.000.
  - Wakefield, G. Felix; and Bender, David L., 4,552,289, Cl. 222-600.000.
- Bender, Franz; Hertweck, Gernot; Grohn, Michael; and Moser, Peter, to Daimler-Benz Aktiengesellschaft. Valve guide arrangement for the valve stem of a valve in an internal combustion engine. 4,495,906, 1-29-85, Cl. 123-188.0GC.
- Bender, Franz; Blumensaat, Klaus; and Burthel, Wolfgang, to Daimler-Benz Aktiengesellschaft. Pneumatic control system. 4,556,170, 12-3-85, Cl. 236-86.000.
- Bender, Fredric G.; Everson, Charles W.; and Swartz, William E., to Stauffer Chemical Company. Method of increasing the organoleptic acceptability of shank meat. 4,500,559, 2-19-85, Cl. 426-646.000.
- Bender, Fredric G.: *See—*
  - Swartz, William E.; Everson, Charles W.; and Bender, Fredric G., 4,556,571, Cl. 426-265.000.
- Bender, Harold C. Drawbar apparatus. 4,523,771, 6-18-85, Cl. 280-474.000.
- Bender, John R.; and Washburn, James R., to Motorola, Inc. Gate controlled switch. 4,529,999, 7-16-85, Cl. 357-38.000.
- Bender, Reinhold H. W.: *See—*
  - Sulkowski, Theodore S.; Silver, Paul J.; Mascitti, Albert A.; and Bender, Reinhold H. W., 4,551,534, Cl. 546-123.000.
- Bender, Robert. Method of beneficiating coal. 4,560,390, 12-24-85, Cl. 44-15.00R.
- Bender, Robert L.; and Bender, Annie L. Toy and game apparatus. 4,553,749, 11-19-85, Cl. 273-1.00R.
- Bender, Roland, to United States of America, Navy. Electrical connector for sonobuoy launch system. 4,560,228, 12-24-85, Cl. 339-147.00R.
- Bender, Rolf; Jacob, Werner; and Pfuderer, Horst, to INA Walzlager Schaeffler KG. Antifriction bearing for longitudinal displacement guidance of a gun barrel. 4,524,671, 6-25-85, Cl. 89-14.050.
- Bendiberica S.A.: *See—*
  - Bacardit, Juan S., 4,503,753, Cl. 91-375.00R.
  - Bacardit, Juan S., 4,512,238, Cl. 91-370.000.
  - Bacardit, Juan S., 4,527,591, Cl. 137-625.210.
  - Bacardit, Juan S., 4,540,024, Cl. 137-625.210.
  - Bacardit, Juan S.; Coll, Juan V.; and Bofill, Joaquim F., 4,550,566, Cl. 60-554.000.
  - Coll, Juan S.; Bofill, Joaquim F.; and Bacardit, Juan S., 4,543,790, Cl. 60-547.100.
  - Coll, Juan V.; Bacardit, Joan S.; and Bofill, Joaquim F., 4,524,585, Cl. 60-562.000.
  - Folch, Carlos M., 4,553,644, Cl. 188-72.400.
- Bendickson, Roy B.; and Wridt, Alfred A., to Snap-on Tools Corporation. Target including sliding scale. 4,498,244, 2-12-85, Cl. 33-203.150.
- Bendickson, Roy B.; and Zuzinec, Raymond R., Sr., to Snap-on Tools Corporation. MacPherson spring compressor. 4,502,664, 3-5-85, Cl. 254-10.500.
- Bending Products, Inc.: *See—*
  - McGuire, Samuel B., 4,542,637, Cl. 72-466.000.
- Benditalia S.p.A.: *See—*
  - Cadeddu, Leonardo, 4,514,985, Cl. 60-589.000.
- Bendix Automation Company: *See—*
  - Laskowski, Edward L., 4,513,507, Cl. 33-169.00R.
- Bendix Corporation, The: *See—*
  - de Campos, Hugo N., 4,500,144, Cl. 384-463.000.
  - Esken, Robert L., 4,493,153, Cl. 33-149.00J.
  - Fulmer, Keith H., 4,490,977, Cl. 60-547.100.
  - Gaiser, Robert F., 4,499,729, Cl. 60-578.000.
  - Gaiser, Robert F., 4,510,752, Cl. 60-562.000.
  - Heidmann, Kurt R.; Canale, Jon S.; and Burkhardt, Hans, 4,522,287, Cl. 188-73.350.
  - Hendrickson, Richard T.; and Lohraff, Larry G., 4,531,370, Cl. 60-554.000.
  - Kwon, Ki C.; and Luther, Thomas A., 4,496,195, Cl. 308-6.00C.
  - Kwon, Ki C., 4,496,197, Cl. 308-6.00C.
  - Kytta, Oswald O.; and Bach, Lloyd G., 4,494,378, Cl. 60-547.100.
  - Kytta, Oswald O.; and Bach, Lloyd G., 4,522,031, Cl. 60-547.100.
  - Kytta, Oswald O., 4,535,679, Cl. 91-376.00R.
  - Meyer, Helmut P.; and Isliker, Gaston R., 4,497,633, Cl. 445-7.000.
  - Piscitelli, R. Amelia; Hemmer, Valentine J.; and Shepler, Eric F., 4,493,527, Cl. 339-258.00R.
  - Putt, James B., 4,493,742, Cl. 156-91.000.
  - Runkle, Dean E.; and Colpaert, James J., 4,512,445, Cl. 188-71.900.
  - Schildkraut, Alan L., 4,494,810, Cl. 339-89.00M.
  - Schneider, Michael J., 4,494,696, Cl. 239-90.000.
  - Schneider, Michael J., 4,503,825, Cl. 123-446.000.
  - Sorensen, Ian W.; and Kiwak, Robert S., 4,555,393, Cl. 423-447.100.
  - Spaargaren, Robert, 4,502,574, Cl. 188-79.50P.
  - Trinh, Lanh T.; and Loy, Robert W., 4,493,307, Cl. 123-630.000.
  - Walter, Chris J.; Wilson, Colleen R.; and Berkovich, Semyon, 4,493,074, Cl. 370-119.000.
  - Wisthuff, Scott D.; and Behrmann, Edgar A., 4,493,675, Cl. 464-136.000.
  - Woo, Ji Y., 4,500,111, Cl. 280-688.000.
  - Woodruff, Frank; Ferguson, John H., Jr.; and Hoffman, John R., 4,505,108, Cl. 60-327.000.
- Bendix Limited: *See—*
  - Joseph, Ian N., 4,530,544, Cl. 303-22.00R.
- Bendix, Roger J. Holder for paint brushes, rollers or the like. 4,561,556, 12-31-85, Cl. 220-90.000.
- Bendl, Peter, to Feodor Burgmann Dichtungswerke GmbH & Co. Articulated pipe joint seal assembly. 4,548,415, 10-22-85, Cl. 277-100.000.
- Bendrick, Charles J.: *See—*
  - Plotkin, George M.; Bendrick, Charles J.; and Wolf, George, 4,496,539, Cl. 424-94.000.
- Bendson, Steven A.; and Mularie, William M., to Minnesota Mining and Manufacturing Company. Integrated magnetostrictive-piezoelectric-metal oxide semiconductor magnetic playback head. 4,520,413, 5-28-85, Cl. 360-113.000.
- Bendure, Raymond L.: *See—*
  - Swanson, James L.; and Bendure, Raymond L., 4,556,146, Cl. 206-440.000.
- Benecke, Herman P.: *See—*
  - Revici, Emanuel; Sherwood, Bob E.; Benecke, Herman P.; Rice, John M.; and Geisler, Richard W., 4,513,008, Cl. 514-560.000.
- Benedek, George B.: *See—*
  - Clark, John I.; Mengel, Loretta S.; and Benedek, George B., 4,526,789, Cl. 514-627.000.
- Benedek, Vasile; and Huckler, Volker, to Deere & Company. Safety ignition interlock switch for vehicle transmission. 4,491,039, 1-1-85, Cl. 74-850.000.
- Benedetto, Enrico: *See—*
  - De Witt, Paolo; and Benedetto, Enrico, 4,521,285, Cl. 204-72.000.
- Benedict, Gary F., to Garrett Corporation, The. Method and apparatus for laser hardening of steel. 4,533,400, 8-6-85, Cl. 148-4.000.
- Benedict, Gary F.; and Eskildsen, Jim, to Garrett Corporation, The. Method and apparatus for laser gear hardening. 4,539,461, 9-3-85, Cl. 219-121.00L.

Benedict, George J.; Reed, Edward D., Jr.; and Jones, Robert W., to GTE Communications Products Corporation. Laser beam energy profile synthesizer. 4,553,244, 11-12-85, Cl. 372-95.000.
Benedict, Mellen-Thomas. Glass cutter. 4,528,752, 7-16-85, Cl. 30-164.950.
Benedict, Ralph H., Jr., to Touch-On, Inc. Touch switchable lamp. 4,507,716, 3-26-85, Cl. 362-295.000.
Benedictus, Jan H., to U.S. Philips Corporation. Shaving apparatus. 4,490,907, 1-1-85, Cl. 30-34.200.
Benedini, Giorgio; and Strange, Anthony E. J., to Saipem S.p.A.; and N.I.C.C. Limited. System for coating welded pipe joints with weighting material. 4,529,568, 7-16-85, Cl. 264-262.000.
Benedyk, Joseph C.: *See—*
  Amos, Homer C.; Benedyk, Joseph C.; Scheie, Carl E.; and McGlove, William R., 4,511,148, Cl. 273-326.000.
Benefiel, Earl H.: *See—*
  Matthewson, Randall W.; Benefiel, Earl H.; and Brudi, Ronald A., 4,493,421, Cl. 211-13.000.
Benefield, Robert E., Jr.: *See—*
  Boultinghouse, Harold D.; Boeke, Paul J.; Benefield, Robert E., Jr.; and Leland, John, 4,532,015, Cl. 204-38.400.
Beneke, Herbert: *See—*
  Luecke, Wolfgang; Beneke, Herbert; and Friedrich, Bodo, 4,539,388, Cl. 528-271.000.
Benelli Armi S.p.A.: *See—*
  Benelli, Paolo, 4,538,502, Cl. 89-128.000.
Benelli, Paolo, to Benelli Armi S.p.A. Reconversion device for a gun from semi-automatic to pump operation. 4,538,502, 9-3-85, Cl. 89-128.000.
Benenati, Salvatore. Heat exchanging electronic module housing. 4,546,407, 10-8-85, Cl. 361-386.000.
Benenati, Salvatore: *See—*
  Lefkowitz, Stephen; Benenati, Salvatore; and Ickowski, Edward S., 4,524,384, Cl. 358-108.000.
Benesh, Joseph C.: *See—*
  Lewis, George A.; Collins, Kent L.; Benesh, Joseph C.; and Ward, Patrick C., 4,538,091, Cl. 313-625.000.
Benesh, Vladimir. Cartridge holder. 4,535,558, 8-20-85, Cl. 42-89.000.
Beneteau, Charles, to Patrick S.A. Cross-country ski boots. 4,505,056, 3-19-85, Cl. 36-117.000.
Beneteau, Christian, to Champion Spark Plug Europe S.A. Wiper blade with air deflecting device. 4,561,143, 12-31-85, Cl. 15-250.420.
Beneteau, Donald J. Resistance welding apparatus with compound electrode holder. 4,504,725, 3-12-85, Cl. 219-86.250.
Beneteau, Donald J. Resistance welding apparatus. 4,525,618, 6-25-85, Cl. 219-89.000.
Benett, William J.; and Alger, Terry W., to United States of America, Energy. Inductive gas line for pulsed lasers. 4,538,277, 8-27-85, Cl. 372-33.000.
Benevento, Peter J., to Lambro Industries, Inc. Vent attachment for a hot air clothes dryer. 4,498,247, 2-12-85, Cl. 34-82.000.
Beney, Gilbert; and Combet, Michel, to Eimco-Secoma Societe Anonyme. Drilling and bolting turret. 4,497,378, 2-5-85, Cl. 173-32.000.
Beneze, Heinz W.; and Tomaszewski, Walter, to Firestone Tire & Rubber Company, The. Locking device for membrane fastener apparatus. 4,532,744, 8-6-85, Cl. 52-222.000.
Beneze, Heinz W.: *See—*
  Yang, James H. C.; Tomaszewski, Walter; and Beneze, Heinz W., 4,534,145, Cl. 52-222.000.
Benezra, Leo L.: *See—*
  McCain, G. Howard; Benezra, Leo L.; and Finch, Craig E., 4,535,112, Cl. 524-233.000.
Benfey, David P.: *See—*
  Herz, Harold L.; Jobes, Sam S.; Jordan, John D.; Benfey, David P.; and Wheeler, William C., 4,531,181, Cl. 363-21.000.
  Miller, Gary; Jobes, Sam S.; and Benfey, David P., 4,551,657, Cl. 315-399.000.
Benford, Harry: *See—*
  Hoffman, Allan; and Benford, Harry, 4,552,142, Cl. 128-207.160.
Benford, James G., to Allegheny Ludlum Steel Corporation. Method and apparatus for reducing core losses of grain-oriented silicon steel. 4,533,409, 8-6-85, Cl. 148-111.000.
Bengmark, Stig; Broome, Albert; and Overland, Christian H., to Uno Plast A/S. Surgical device. 4,533,356, 8-6-85, Cl. 604-358.000.
Bengtsson, Alvar. Irrigation system. 4,553,699, 11-19-85, Cl. 239-183.000.
Bengtsson, Bengt L.; Palmlin, Peter; and Saldert, Bertil K., to Nestec S.A. Blanching process. 4,521,439, 6-4-85, Cl. 426-509.000.
Bengtsson, Bengt L.; Palmlin, Peter; and Ekholm, Jan, to Nestec S.A. Blanching of mushrooms. 4,525,368, 6-25-85, Cl. 426-438.000.
Bengtsson, Bengt L.; and Lindberg, Peter, to Nestec S.A. Process of preparing frozen fruit or vegetables. 4,547,380, 10-15-85, Cl. 426-302.000.
Bengtsson, Jan: *See—*
  Haraldsson, Roland; Bengtsson, Jan; and Friberg, Claes, 4,517,211, Cl. 426-444.000.
Bengtsson, Leif W.: *See—*
  Taylor, Edward S.; and Bengtsson, Leif W., 4,522,154, Cl. 122-4.00D.
Bengtsson, Sigurd W., to AB Fixfabriken. Locking device. 4,518,178, 5-21-85, Cl. 292-8.000.
Bengtsson, Sigurd W. Latch assembly. 4,548,432, 10-22-85, Cl. 292-8.000.
Bengtsson, Sune: *See—*
  Angevine, Peter A.; Bengtsson, Sune; and Koudijs, George P., 4,544,542, Cl. 423-555.000.
Benham, Harold H., Jr.; and Wells, Thomas R., to Bell & Howell Company. Indexing microfilm. 4,515,451, 5-7-85, Cl. 353-120.000.
Benham, Thomas, to Mallinckrodt, Inc. Method and apparatus for punching holes in polymer tubes. 4,554,849, 11-26-85, Cl. 83-40.000.
Benharkate, Marguerite M.: *See—*
  Maillard, Jacques G.; Van, Tri V.; Legeai, Jacky M.; and Benharkate, Marguerite M., 4,556,674, Cl. 514-426.000.
Benhase, Craig, to Dexport Tool Company, Inc. Cutting tool. 4,505,626, 3-19-85, Cl. 408-224.000.
Benhase, Craig, to Dexport Tool Company. Cutting tool. 4,531,867, 7-30-85, Cl. 408-224.000.
Beni, Gerardo; Hackwood, Susan; and Hornak, Lawrence A., to AT&T Bell Laboratories. Robot having magnetic proximity sensor and manufacturing method using same. 4,541,771, 9-17-85, Cl. 414-730.000.
Beni, Gerardo; Bridges, Thomas J.; Hackwood, Susan; and Lin, Chinlon, to AT&T Bell Laboratories. Waveguide robot system for laser beam. 4,545,713, 10-8-85, Cl. 414-1.000.
Benicewicz, Brian C.: *See—*
  Calundann, Gordon W.; Charbonneau, Larry F.; and Benicewicz, Brian C., 4,522,974, Cl. 524-605.000.
Benichou, Alain; and Siguier, Max, to Societe Anonyme d'Explosifs et de Produits Chimiques; and Siguier, Max. Strings for tennis rackets and rackets equipped with same. 4,530,206, 7-23-85, Cl. 57-250.000.
Benicourt, Michel; Buffet, Jean; and Huard, Jean-Francois, to Air Industrie. Thermoelectric installation. 4,499,329, 2-12-85, Cl. 136-208.000.
Benier B.V.: *See—*
  Benier, Johan, 4,555,226, Cl. 425-96.000.
Benier, Johan, to Benier B.V. Apparatus for rolling dough and coiling it. 4,555,226, 11-26-85, Cl. 425-96.000.
Benin, Joshua; and Luoma, Robert P., II, to Du Pont de Nemours, E. I., and Company. Electric heating element for sterilely cutting and welding together thermoplastic tubes. 4,501,951, 2-26-85, Cl. 219-243.000.
Benin, Joshua; Delp, Helen R.; and Krauss, Leland L., to Du Pont de Nemours, E. I., and Company. Automatic splicing device and process. 4,521,263, 6-4-85, Cl. 156-159.000.
Benincasa, Timothy C.: *See—*
  Snyder, Daniel S.; and Benincasa, Timothy C., 4,511,869, Cl. 334-20.000.
Bening, Curtis R., to Deere & Company. Brake and transmission interlock system. 4,491,209, 1-1-85, Cl. 192-4.00A.
Benitez, Francisco M.: *See—*
  Hughes, Vincent L.; and Benitez, Francisco M., 4,514,554, Cl. 526-339.000.
  Small, Augustus B.; Hughes, Vincent L.; and Benitez, Francisco M., 4,562,233, Cl. 526-76.000.
Benitez, Luiz N.: *See—*
  Mahrus, Duraid; and Benitez, Luiz N., 4,547,336, Cl. 419-31.000.
Benitez, Willie B., III; and Masten, Billy R., to Texas Instruments Incorporated. Dual peak detector. 4,517,455, 5-14-85, Cl. 235-463.000.
Benjamin, Albert S.: *See—*
  Phillips, Gary M.; and Benjamin, Albert S., 4,542,080, Cl. 429-174.000.
Benjamin, Benjamin C., to Schmelzer Corporation. Releasable and adjustable securing device. 4,557,455, 12-10-85, Cl. 248-496.000.
Benjamin, James A.; and Schutten, Herman P., to Eaton Corporation. Piezoelectric generator driven by a combustion engine. 4,511,818, 4-16-85, Cl. 310-338.000.
Benjamin, James A.; Lade, Robert W.; and Schutten, Herman P., to Eaton Corporation. AC Solar cell with alternately generated pn junctions. 4,533,783, 8-6-85, Cl. 136-249.000.
Benjamin, James A.: *See—*
  Schutten, Herman P.; Benjamin, James A.; and Lade, Robert W., 4,541,001, Cl. 357-23.400.
  Schutten, Herman P.; Benjamin, James A.; and Lade, Robert W., 4,542,396, Cl. 357-23.400.
  Schutten, Herman P.; Lade, Robert W.; and Benjamin, James A., 4,546,367, Cl. 357-23.400.
  Schutten, Herman P.; Lade, Robert W.; and Benjamin, James A., 4,553,151, Cl. 357-23.400.
  Schutten, Herman P.; Benjamin, James A.; and Lade, Robert W., 4,558,243, Cl. 307-584.000.
Benjamin, Kelly L., to Dow Corning Corporation. Primer compositions for improving adhesion of abrasion resistant silicone coatings to plastic surfaces. 4,544,582, 10-1-85, Cl. 427-407.100.
Benjamin, Lawrence; Rodriguez, Sheila S.; and Meinberg, Nancy A., to Procter & Gamble Company, The. Animal litter composition. 4,517,919, 5-21-85, Cl. 119-1.000.
Benjamin, Terry A.: *See—*
  Valayil, Silvester; Abu-Moustafa, Magda; and Benjamin, Terry A., 4,512,818, Cl. 148-6.14R.
Benjamin, Thomas A.; and Ransom, Dean A., to Snyder Laboratories, Inc. Collapsible wound suction evacuator. 4,559,035, 12-17-85, Cl. 604-73.000.
Benjamin, William S.: *See—*
  Johnson, Robert S.; Fletcher, Paul E.; Benjamin, William S.; and Zsitvay, John I., 4,516,287, Cl. 15-119.00A.
Benke, Bela: *See—*
  Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.

Benkendorfer, Kyle B.: *See—*
  Wang, Chun S.; Benkendorfer, Kyle B.; and Burba, John L., III, 4,511,710, Cl. 528-485.000.

Benkeser, Robert A.; Laugal, James A.; and Rappa, Angela, to Purdue Research Foundation. Process for reducing aromatic compounds in ethylenediamine with calcium. 4,533,752, 8-6-85, Cl. 564-428.000.

Benkeser, Robert A.; Laugal, James A.; and Rappa, Angela, to Purdue Research Foundation. Process for reducing organic compounds with calcium, amine, and alcohol. 4,533,760, 8-6-85, Cl. 568-667.000.

Benkmann, Christian, to Linde Aktiengesellschaft; and Chemische Werke Huels AG. Safe adsorption process for the separation of hydrocarbons from oxygen containing gas. 4,498,910, 2-12-85, Cl. 55-18.000.

Benko, David A., to Goodyear Tire & Rubber Company, The. Ion beam deposition or etching re rubber-metal adhesion. 4,517,066, 5-14-85, Cl. 204-192.00C.

Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, to Egyt Gyogyszervegyeszeti Gyar. 2-Hydroxymethyl-quinoxaline-1,4-dioxide derivatives, a process for preparing same and compositions containing same. 4,511,717, 4-16-85, Cl. 544-353.000.

Benkovic, Stephen J.; Putney, Scott D.; and Schimmel, Paul R., to Research Corporation. Method for degrading DNA. 4,521,509, 6-4-85, Cl. 435-6.000.

Benmussa, Simon. Self heating receptacle. 4,510,919, 4-16-85, Cl. 126-263.000.

Benmussa, Simon. Self-heating receptacle. 4,559,921, 12-24-85, Cl. 126-263.000.

Benn, Gerald P.: *See—*
  Farrar, David; and Benn, Gerald P., 4,556,728, Cl. 560-217.000.

Benneche, Tore; Strande, Per; and Undheim, Kjell, to Nyegaard & Co. A/S. Substituted pyrimidin-2-ones and the salts thereof. 4,539,324, 9-3-85, Cl. 514-274.000.

Benner, Eugene L.: *See—*
  Jackson, Keith L.; Benner, Eugene L.; Polley, Richard B.; and Wickman, James J., 4,546,706, Cl. 105-182.00E.

Benner, Lester C.: *See—*
  Brady, Thomas R.; and Benner, Lester C., 4,523,543, Cl. 118-697.000.

Benner, Philip E. Method and apparatus for removing ions from a liquid. 4,552,664, 11-12-85, Cl. 210-695.000.

Bennes Marrel: *See—*
  Chanal, Roger; and Cotte, Daniel, 4,516,601, Cl. 137-510.000.
  Chanal, Roger; and Cotte, Daniel, 4,557,290, Cl. 137-510.000.
  Corompt, Antoine, 4,548,541, Cl. 414-479.000.

Bennett and Bennett: *See—*
  Bennett, Rodney W.; Bennett, Jerry C.; Bennett, William C.; and Bennett, Charlie, 4,498,277, Cl. 56-1.000.

Bennett, Benny M.; Meehan, Robert F.; and Zell, Dale R., to AMP Incorporated. Modular receptacle pin grid array. 4,552,422, 11-12-85, Cl. 339-17.0CF.

Bennett, Brian; and Clough, Donald K., to Sandoz Ltd. Solutions of U.V. absorbers useful for improving the light fastness of dyeings on polyester. 4,557,730, 12-10-85, Cl. 8-442.000.

Bennett, Brian; and Clough, Donald K., to Sandoz Ltd. Method for improving the fastness of dyeings and optical brightenings with amine, cyanamide derivative and epihalohydrin condensate. 4,559,058, 12-17-85, Cl. 8-496.000.

Bennett, Charlie: *See—*
  Bennett, Rodney W.; Bennett, Jerry C.; Bennett, William C.; and Bennett, Charlie, 4,498,277, Cl. 56-1.000.

Bennett, Dale E. Closed loop control apparatus for short-circuit arc welding. 4,529,864, 7-16-85, Cl. 219-137.710.

Bennett, David R.: *See—*
  Welch, David P.; and Bennett, David R., 4,547,113, Cl. 414-49.000.

Bennett, Dennis W.: *See—*
  Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., 4,499,190, Cl. 436-122.000.
  Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., 4,529,710, Cl. 436-173.000.

Bennett, Donald B.; Thorsrud, Lee T.; and Petschauer, Thomas W., to Sperry Corporation. VLSI Wired-OR driver/receiver circuit. 4,500,988, 2-19-85, Cl. 370-85.000.

Bennett, Donald B.; and Esch, John W., to Sperry Corporation. Reflexive utilization of descriptors to reconstitute computer instructions which are Huffman-like encoded. 4,506,325, 3-19-85, Cl. 364-200.000.

Bennett, Douglas L.; Edwards, Thomas J.; and Rowles, Howard C., to Air Products and Chemicals, Inc. Perforated bubble caps for enhanced vapor/liquid contact on a distillation tray. 4,510,023, 4-9-85, Cl. 203-99.000.

Bennett, Edgar F.: *See—*
  Cox, Samson A.; Bennett, Edgar F.; and Yule, Thomas J., 4,504,737, Cl. 250-435.000.

Bennett, Edward A.: *See—*
  Bennett, James F.; and Bennett, Edward A., 4,543,972, Cl. 135-118.000.

Bennett, Edward M.: *See—*
  Clark, Charles J.; and Bennett, Edward M., 4,541,947, Cl. 252-307.000.

Bennett, Ernest W.: *See—*
  Betts, Max W.; Johnson, Nigel, deceased; Bennett, Ernest W.; and Bennett, Joyce H., executors, 4,526,019, Cl. 66-132.00R.

Bennett, George R.; and Day, Robert S., to Molins PLC. Handling rod-like articles. 4,553,660, 11-19-85, Cl. 198-425.000.

Bennett, Gloria A.; Elder, Michael G.; and Kemme, Joseph E., to United States of America, Energy. Thermal protection apparatus. 4,513,352, 4-23-85, Cl. 361-385.000.

Bennett, Jack L.; Wardynski, Wayne E.; and Seyuin, Kenneth J., to General Motors Corporation. Tripot joint with spider retaining shaft bumper assembly. 4,540,384, 9-10-85, Cl. 464-111.000.

Bennett, Jackie D.; Bennett, Johnnie R.; and Bennett, Jimmie D., Jr., to 3-J-Co., Inc. Tobacco stripper. 4,509,536, 4-9-85, Cl. 130-30.00R.

Bennett, James F.; and Bennett, Edward A. Lockable tent stake. 4,543,972, 10-1-85, Cl. 135-118.000.

Bennett, James G.; and Chambers, Gregory R., to General Electric Company. Copper-magnesium catalyst and method for alkylation of hydroxyaromatic compounds therewith. 4,554,266, 11-19-85, Cl. 502-344.000.

Bennett, James G., Jr.; Tungate, Freddie L.; and Kokoszka, John J., to General Electric Company. Process for making ortho-alkylated phenols. 4,503,272, 3-5-85, Cl. 568-804.000.

Bennett, James G., Jr.; and Lee, Gim F., Jr., to General Electric Company. Polyphenylene ether compositions. 4,513,120, 4-23-85, Cl. 525-316.000.

Bennett, James G., Jr.; and Tungate, Freddie L., to General Electric Company. Catalyst precursor prepared from manganese carbonate and a magnesium compound. 4,547,480, 10-15-85, Cl. 502-159.000.

Bennett, James G., Jr.: *See—*
  Chambers, Gregory R.; and Bennett, James G., Jr., 4,554,267, Cl. 502-340.000.

Bennett, James R.: *See—*
  Fuller, Oliver C.; Bennett, James R.; and Skeen, J. Hall, 4,531,666, Cl. 228-171.000.

Bennett, James W.; Howe, Gary L.; Jaakola, Kenneth A.; and Koutavas, Samuel G., to Future Tech, Inc. Magnetically attachable electric preheater for automobile engines. 4,506,138, 3-19-85, Cl. 219-205.000.

Bennett, Jeffrey H., to Northern Telecom Limited. Switched-capacitor variable equalizer. 4,494,082, 1-15-85, Cl. 333-28.00R.

Bennett, Jerry C.: *See—*
  Bennett, Rodney W.; Bennett, Jerry C.; Bennett, William C.; and Bennett, Charlie, 4,498,277, Cl. 56-1.000.

Bennett, Jimmie D., Jr.: *See—*
  Bennett, Jackie D.; Bennett, Johnnie R.; and Bennett, Jimmie D., Jr., 4,509,536, Cl. 130-30.00R.

Bennett, John A.; and Taylor, Scott L., to Versatech Products Inc. Apparatus for cleaning beaches. 4,542,550, 9-24-85, Cl. 15-3.000.

Bennett, John A.: *See—*
  Hunsley, Alexander; and Bennett, John A., 4,536,287, Cl. 210-293.000.

Bennett, John G., to United States of America, Army. Foldable, pop-open corner reflector decoy target articles. 4,503,101, 3-5-85, Cl. 428-9.000.

Bennett, John T.: *See—*
  Bennett, John T., Jr.; and Goodman, Jack E., 4,511,534, Cl. 422-100.000.

Bennett, John T., Jr.; and Goodman, Jack E., to Bennett, John T. Liquid transfer device. 4,511,534, 4-16-85, Cl. 422-100.000.

Bennett, Johnnie R.: *See—*
  Bennett, Jackie D.; Bennett, Johnnie R.; and Bennett, Jimmie D., Jr., 4,509,536, Cl. 130-30.00R.

Bennett, Joseph M.; Gordon, Alan M.; Silverio, Vincent J.; and Zydney, Herbert M., to AT&T Bell Laboratories. Programmable cartridge telephone communication system. 4,506,346, 3-19-85, Cl. 364-900.000.

Bennett, Joyce H., executors: *See—*
  Betts, Max W.; Johnson, Nigel, deceased; Bennett, Ernest W.; and Bennett, Joyce H., executors, 4,526,019, Cl. 66-132.00R.

Bennett, Julian; and Salsby, Bernard, to National Plastics Limited. Container closure. 4,545,499, 10-8-85, Cl. 215-352.000.

Bennett Levin Associates, Inc., The: *See—*
  Levin, Bennett, 4,522,253, Cl. 165-18.000.

Bennett, M. Owen: *See—*
  Cowans, Kenneth W.; and Bennett, M. Owen, 4,549,146, Cl. 330-149.000.

Bennett, Michael C., to Becton, Dickinson and Company. Pouring spout for a container and a container assembly including same. 4,555,046, 11-26-85, Cl. 222-189.000.

Bennett, Peter C.: *See—*
  Coffee, Ronald A.; Bennett, Peter C.; Houghton, Leonard E.; Johnson, Graham C.; Sommerville, John A.; Boyce, Peter H.; and Currall, William J. P., 4,553,702, Cl. 239-690.000.

Bennett, Phillip P., to Ampex Corporation. Video device synchronization system. 4,532,547, 7-30-85, Cl. 358-148.000.

Bennett, Richard J.: *See—*
  Dougherty, Emery W.; Heyde, John B.; Bennett, Richard J.; Smith, Roy L.; Tateosian, Louis H.; and Eden, George T., 4,514,174, Cl. 433-226.000.

Bennett, Richard W.: *See—*
  Sikora, John G.; and Bennett, Richard W., 4,498,973, Cl. 208-63.000.

Bennett, Robert A. Educational game. 4,496,327, 1-29-85, Cl. 273-249.000.

Bennett, Robert A. Device for selecting numbers randomly. 4,497,486, 2-5-85, Cl. 273-144.00B.

Bennett, Robert A. Slide type cap closure. 4,505,400, 3-19-85, Cl. 215-250.000.

Bennett, Robert A. One piece press and lock tab for containers. 4,553,684, 11-19-85, Cl. 220-268.000.

- Bennett, Robert M.: *See—*
  - Thompson, David L.; Bennett, Robert M.; and Roline, Glenn M., 4,556,063, Cl. 128-419.0PT.
- Bennett, Rodney W.; Bennett, Jerry C.; Bennett, William C.; and Bennett, Charlie, to Bennett and Bennett. Method for harvesting narrowly spaced rows of plants, method for converting conventional apparatus for such harvesting and apparatus for such harvesting. 4,498,277, 2-12-85, Cl. 56-1.000.
- Bennett, Ross L.; Price, Robert B.; Springen, Clyde H.; and Kilbourn, Harlan C., to Texas Instruments Incorporated. Hand-held manipulator application module. 4,517,652, 5-14-85, Cl. 364-513.000.
- Bennett, Simon D.: *See—*
  - Kino, Gordon S.; Khuri-Yakub, Butrus T.; Bennett, Simon D.; and Liang, Kenneth K., 4,503,708, Cl. 73-628.000.
  - Kino, Gordon S.; Bennett, Simon D.; and Husson, Didier, 4,513,749, Cl. 128-660.000.
- Bennett, Terry A.; Claassen, George R.; and Zimmerman, William B., to PPG Industries, Inc. Method and apparatus for bending glass sheets to complicated shapes including an S-shaped transverse bend. 4,508,556, 4-2-85, Cl. 65-25.400.
- Bennett, Terry A.; Zimmerman, William B.; and Shadle, Barry L., to PPG Industries, Inc. Spring loaded stop member for glass sheet shaping molds. 4,529,433, 7-16-85, Cl. 65-273.000.
- Bennett, Terry A.: *See—*
  - Fecik, Michael T.; Bennett, Terry A.; and Ewing, John J., 4,539,031, Cl. 65-29.000.
- Bennett, Thomas M.: *See—*
  - Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.
- Bennett, Tommy N. Tracer lite. 4,547,837, 10-15-85, Cl. 362-186.000.
- Bennett, Walter; Ablewhite, John H.; and Bryant, Anthony J., to Alcan International Limited. Production of age hardenable aluminum extruded sections. 4,495,001, 1-22-85, Cl. 148-11.50A.
- Bennett, William C.: *See—*
  - Bennett, Rodney W.; Bennett, Jerry C.; Bennett, William C.; and Bennett, Charlie, 4,498,277, Cl. 56-1.000.
- Bennett, William G.; and Spease, Arthur L., to Teleflex Incorporated. Molded ball socket terminal (connecting belts). 4,499,785, 2-19-85, Cl. 74-501.00R.
- Bennett, William T.; and Parks, Bennie L., to American Brands, Inc. Method and apparatus for perforating material. 4,507,535, 3-26-85, Cl. 219-121.0LL.
- Bennewitz, Paul F. Apparatus and method for producing and using directional, electrical and magnetic fields. 4,495,953, 1-29-85, Cl. 128-789.000.
- Benneyan, Gregoire: *See—*
  - Wolf, Franz-Josef; Pletsch, Hubert; and Benneyan, Gregoire, 4,504,244, Cl. 464-83.000.
- Benning, Gordon D.; Pascas, Brian J.; Blackhall, Robert K.; Wilker, Paul S.; and Neathway, Graham A., to Trillium Telephone Systems Inc. Home communications and control system. 4,538,031, 8-27-85, Cl. 179-81.00B.
- Benning, Jack G., Jr.: *See—*
  - Maltby, Frederick L.; Loewenstern, Kenneth M.; and Benning, Jack G., Jr., 4,511,948, Cl. 361-280.000.
- Benning, Larry J.: *See—*
  - van Ee, Dirk; and Benning, Larry J., 4,512,392, Cl. 165-54.000.
- Benninghoven, Alfred; Kampf, Gunther; and Holm, Reimer, to Bayer Aktiengesellschaft. Laser activated mass spectrometer for the selective analysis of individual trace-like components in gases and liquids. 4,527,059, 7-2-85, Cl. 250-288.000.
- Bennington, Lester D.; and McAfee, Richard C., to SWS Silicones Corporation. Radiation polymerizable compositions containing organopolysiloxanes having a —N—Si— or —N—O—Si— linkage. 4,526,955, 7-2-85, Cl. 528-33.000.
- Bennion, Colin; and Robinson, David, to Fisons plc. Fused 1,3,5-triazines. 4,499,269, 2-12-85, Cl. 544-198.000.
- Bennison, John J.: *See—*
  - Brocklebank, Philip; and Bennison, John J., 4,557,896, Cl. 422-14.000.
- Bennison, Stewart; and Linnik, Ronald L., to JSK Company Ltd. Bag opening machine. 4,504,183, 3-12-85, Cl. 414-412.000.
- Bennitt, Robert A., to Ingersoll-Rand Company. Unidirectional-flow fluid valve. 4,495,964, 1-29-85, Cl. 137-512.100.
- Benoit, Gordon L., to Mobil Oil Corporation. Thermoplastic bag and thermoplastic bag pack. 4,554,192, 11-19-85, Cl. 428-35.000.
- Benoit, Gordon L.: *See—*
  - Prader, Randolph D.; Benoit, Gordon L.; and Maddock, Robert T., 4,493,419, Cl. 206-554.000.
- Benoit, Richard E.: *See—*
  - Johnston, Harold; and Benoit, Richard E., 4,516,818, Cl. 339-36.000.
- Benoit, Robert L.: *See—*
  - Arena, Aldo; and Benoit, Robert L., 4,523,872, Cl. 403-274.000.
- Benovic, Jeffrey L.; Buckler, Robert T.; Burd, John F.; and Li, Thomas M., to Miles Laboratories, Inc. Theophylline immunogens, antibodies, labeled conjugates, and related derivatives. 4,533,493, 8-6-85, Cl. 260-112.00B.
- Benquey, Jean; and Benquey, Louisa F., to Societe d'Exploitation du Laboratoire Abadie. Light ramp for lighting instrument panels, more especially in aircraft or helicopter. 4,551,790, 11-5-85, Cl. 362-23.000.
- Benquey, Louisa F.: *See—*
  - Benquey, Jean; and Benquey, Louisa F., 4,551,790, Cl. 362-23.000.
- Benrud, Vernal M., to Sperry Corporation. Low input capacitance amplifier. 4,498,058, 2-5-85, Cl. 330-300.000.
- Bensadon, Joseph M.; and Brickman, Norman F., to International Business Machines Corporation. X.21 Switching system. 4,551,835, 11-5-85, Cl. 370-110.100.
- Bensadoun, Michel, to Electricite de France (Service National). Liquid rheostat for starting an electric motor with improved sill structure. 4,510,483, 4-9-85, Cl. 338-80.000.
- Benscoter, Richard D., to Butler Manufacturing Company. Underfloor junction box. 4,496,067, 1-29-85, Cl. 220-3.700.
- Benslay, Roger M., to Ashland Oil, Inc. Separation of regenerated catalyst from combustion products. 4,556,540, 12-3-85, Cl. 422-142.000.
- Benslay, Roger M.: *See—*
  - Walters, Paul W.; Benslay, Roger M.; and Barger, Dwight F., 4,495,063, Cl. 208-113.000.
- Benson, Arthur: *See—*
  - Levendusky, Thomas L.; and Benson, Arthur, 4,558,198, Cl. 219-10.55E.
  - Levendusky, Thomas L.; and Benson, Arthur, 4,560,850, Cl. 219-10.55E.
- Benson, Benjamin A. Carrying case. 4,542,777, 9-24-85, Cl. 150-52.00B.
- Benson, Clark K.: *See—*
  - Caridis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., 4,510,165, Cl. 426-439.000.
  - Caridis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., 4,554,865, Cl. 99-353.000.
- Benson, Cory D.: *See—*
  - Schaumburg, Edward G.; Benson, Cory D.; Wolf, Alby H.; and Zais, Michael G., 4,534,401, Cl. 164-102.000.
- Benson Engineering & Mfg., Inc.: *See—*
  - Youngworth, Thomas H., 4,497,182, Cl. 62-151.000.
- Benson, Glendon M., to New Process Industries, Inc. Constant temperature element. 4,512,150, 4-23-85, Cl. 60-526.000.
- Benson, Harvey S., to Southwest Research Institute. Electric capacity measurement of erratically shorted capacitors. 4,494,065, 1-15-85, Cl. 324-61.00R.
- Benson Inc.: *See—*
  - Doggett, David E., 4,498,737, Cl. 350-237.000.
  - Doggett, David E., 4,528,448, Cl. 250-231.0SE.
- Benson, John; Hanel, Harold L.; and Freeman, Douglas A., to International Telephone and Telegraph Corporation. Powder actuated tool. 4,492,329, 1-8-85, Cl. 227-10.000.
- Benson, John A.: *See—*
  - Berry, Paul S.; Benson, John A.; Kettlewell, Peter J.; and Turner, Michael J. B., 4,513,689, Cl. 119-82.000.
- Benson, Jon M.; and Castle, Craig A., to Xomed, Inc. Replaceable battery pack for intra-oral larynx. 4,547,894, 10-15-85, Cl. 381-70.000.
- Benson, Jon M.: *See—*
  - Castle, Craig A.; Benson, Jon M.; and Toch, Theodore H., 4,502,151, Cl. 381-70.000.
- Benson, Lee, to Overseas Promotions Ltd. Disc camera drive. 4,561,743, 12-31-85, Cl. 354-121.000.
- Benson, Lloyd R., to Triangle Grinding Inc. Insert retaining apparatus. 4,545,705, 10-8-85, Cl. 407-108.000.
- Benson, Michael R.; Hill, William D.; OBrien, Garrett G.; and Hollenbeck, Dennis W., to General Electric Company. Testable optically isolated control circuit. 4,495,655, 1-22-85, Cl. 455-603.000.
- Benson, Michael R.; and Hill, William D., to General Electric Company. Resistor temperature device trip unit. 4,556,329, 12-3-85, Cl. 374-173.000.
- Benson, Robert D. Windshield washer apparatus. 4,517,704, 5-21-85, Cl. 15-250.040.
- Benson, Robert F., to Nicolet Instrument Corporation. Multi-layer circuit board inspection system. 4,536,239, 8-20-85, Cl. 156-64.000.
- Benson S.A.: *See—*
  - Roche, Michel, 4,540,995, Cl. 346-139.00C.
- Benson, Steven R. Double-chambered exhaust manifold. 4,514,986, 5-7-85, Cl. 60-605.000.
- Benson, Warren E.; and Breen, Stanley, to Forte Technology, Inc. Method and apparatus for determining dielectric constant. 4,555,661, 11-26-85, Cl. 324-61.00R.
- Benson, Werner: *See—*
  - Liepmann, Hans; Ruhland, Michael; Muesch, Herbert; Benson, Werner; Heinemann, Henning; and Zeugner, Horst, 4,508,716, Cl. 514-220.000.
- Bent, John H., deceased; and by Bent, Paul, executor, to Minnesota Mining and Manufacturing Company. Bone stapler. 4,540,110, 9-10-85, Cl. 227-8.000.
- Bent, Kenneth R., Jr., to Gilmore-Kramer, Inc. Inflatable seal for opening in building wall. 4,505,483, 3-19-85, Cl. 277-34.000.
- Bent, Paul, executor: *See—*
  - Bent, John H., deceased; and Bent, Paul, executor, 4,540,110, Cl. 227-8.000.
- Bent, Rodney B.; and Casper, Paul W., to Atlantic Scientific Corporation. System for lightning ground stroke position by time of arrival discrimination. 4,543,580, 9-24-85, Cl. 343-460.000.
- Bentall, Richard H.; and Briscoe, Henry M., to Agence Spatiale Europeenne. Device for the orientation and the positioning of a useful load. 4,556,182, 12-3-85, Cl. 248-179.000.
- Bente, Alfred, to adidas Sportschuhfabriken Adi Dassler KG. Sole for a cross-country ski boot and associated binding base plate. 4,551,931, 11-12-85, Cl. 36-117.000.
- Bente, Lynn A.: *See—*
  - Wideman, Lawson G.; and Bente, Lynn A., 4,508,930, Cl. 585-377.000.
- Benteler-Werke Aktiengesellschaft: *See—*
  - Vaubel, Gert; and Beier, Heinz, 4,557,315, Cl. 164-420.000.

Bentham, Jeremy B., to Shell Oil Company. Apparatus for contacting a liquid with a gas. 4,550,000, 10-29-85, Cl. 261-114.00R.

Bentley, Arthur C.: *See—*

  Bruder, Frank J., 4,518,163, Cl. 272-132.000.

Bentley, Arthur P. Pressure balanced liquid elevating mechanism. 4,492,528, 1-8-85, Cl. 417-241.000.

Bentley, Gustavus A.; Nash, Stephen E.; and Pichler, Gerald P., to Federal-Mogul Corporation. Rotating-lip grease seal. 4,513,976, 4-30-85, Cl. 277-25.000.

Bentley, Herbert W., to UNASCO Pty. Limited. Pipe jointing compounds. 4,548,960, 10-22-85, Cl. 523-176.000.

Bentley Laboratories, Inc.: *See—*

  Gordon, Lucas S.; and Pierson, Jeanne, 4,493,705, Cl. 604-122.000.

  Raible, Donald A., 4,512,761, Cl. 604-8.000.

  Raible, Donald A., 4,534,760, Cl. 604-175.000.

  Raible, Donald A., 4,534,761, Cl. 604-175.000.

Bentley, Trisha; Walls, John E.; and Dhillon, Major S., to American Hoechst Corporation. Amino acid stabilizers for water soluble diazonium compound condensation products. 4,554,236, 11-19-85, Cl. 430-157.000.

Bentley, Trisha: *See—*

  Walls, John E.; Dhillon, Major S.; and Bentley, Trisha, 4,533,619, Cl. 430-157.000.

Benton, Clarence E.: *See—*

  Wood, Charles L.; and Benton, Clarence E., 4,506,570, Cl. 82-4.00A.

Benton, Diana L. Chambered bracelet. 4,502,298, 3-5-85, Cl. 63-1.00R.

Benton, Michael W. Battery post extension member. 4,560,229, 12-24-85, Cl. 339-224.000.

Benton, Stephen A., to Polaroid Corporation. Method and apparatus for making achromatic holograms. 4,498,729, 2-12-85, Cl. 350-3.690.

Benton, Thomas K.; and Seay, James R., to Combustion Engineering, Inc. Apparatus for measuring fluid flow rate in a two-phase fluid stream. 4,545,260, 10-8-85, Cl. 73-861.650.

Benton, William M. Transaction verification system using optical coupling data communication link. 4,523,087, 6-11-85, Cl. 235-379.000.

Bentson, Wade A., to Amco Corporation. Tortilla basket fryer. 4,494,453, 1-22-85, Cl. 99-353.000.

Bentson, Wade A., to Amco Corporation. Tortilla basket fryer. 4,535,688, 8-20-85, Cl. 99-353.000.

Bentz, Joseph W., to Precision Timer Co., Inc. Ignition control circuit for a boiler system. 4,496,305, 1-29-85, Cl. 431-1.000.

Benusa, John E.; and Kingston, Richard L. Method for stomach lavage. 4,525,156, 6-25-85, Cl. 604-28.000.

Benuzzi, Gino. Device for making a groove in the edge of a panel. 4,534,256, 8-13-85, Cl. 83-863.000.

Beny, Janos; and Tompkins, David E. Method and apparatus for locating the dynamic axis of a sphere. 4,546,644, 10-15-85, Cl. 73-65.000.

Benz, Dieter. Switching arrangement for a rotating toothbrush. 4,544,816, 10-1-85, Cl. 200-52.00R.

Benz, Frank J.; Shaw, Randall C.; and Dixon, David S., to United States of America, National Aeronautics and Space Administration. Device and method for frictionally testing materials for ignitability. 4,561,784, 12-31-85, Cl. 374-8.000.

Benz, Gotlieb, to Machinenfabrik Flums AG. Method and apparatus for packing soft packages into boxes. 4,537,008, 8-27-85, Cl. 53-438.000.

Benz, Gunter; Metzger, Karl G.; and Zeiler, Hans-Joachim, to Bayer Aktiengesellschaft. Cleavage products of 4′,6′-didesoxy-4′-thio-,6′-amino-hepturonic acid nucleosides. 4,535,083, 8-13-85, Cl. 514-274.000.

Benz, Gunter: *See—*

  Metzger, Karl G.; Pfitzner, Jorg; Schmidt, Delf; Weyland, Horst; Benz, Gunter; and Schroder, Theo, 4,546,079, Cl. 435-71.000.

Benz & Hilgers GmbH: *See—*

  Kramer, Erhardt; Moller, Dieter; and Brauer, Ralph, 4,505,311, Cl. 141-129.000.

Benz, Karl; and Kech, Gunter, to VEGA Grieshaber GmbH & Co. KG. Device for the determination and/or control of a certain charging level in a container. 4,499,765, 2-19-85, Cl. 73-290.00V.

Benz, Michael, deceased (by Benz, Violet E., Executrix), to Benz, Violet E.; Benz, Michael J.; and Benz, Randy, a part interest to each. Humane animal trap. 4,492,055, 1-8-85, Cl. 43-88.000.

Benz, Michael J.: *See—*

  Benz, Michael, deceased, 4,492,055, Cl. 43-88.000.

Benz, Randy: *See—*

  Benz, Michael, deceased, 4,492,055, Cl. 43-88.000.

Benz, Ulrich: *See—*

  Wehinger, Egbert; Meyer, Horst; and Benz, Ulrich, 4,497,821, Cl. 514-302.000.

Benz, Violet E.: *See—*

  Benz, Michael, deceased, 4,492,055, Cl. 43-88.000.

Benz, Violet E., Executrix: *See—*

  Benz, Michael, deceased, 4,492,055, Cl. 43-88.000.

Benz, Wilhelm: *See—*

  Kraft, Wilfred; and Benz, Wilhelm, 4,560,441, Cl. 162-273.000.

Benzing, Norman L.: *See—*

  Lincoln, Clark N.; and Benzing, Norman L., 4,506,806, Cl. 222-175.000.

Benzing, Walter C.: *See—*

  McNeilly, Michael A.; and Benzing, Walter C., 4,496,609, Cl. 427-55.000.

Benzing, William M.; Patterson, Waldo C.; and Cadle, Lawrence C., to Conoco Inc. Method and apparatus for shear wave logging. 4,542,487, 9-17-85, Cl. 367-31.000.

Benzinger, Hans, to Thielscher-Electronic GmbH. Coupling filter, especially an input filter, for receivers of centralized ripple control systems. 4,551,686, 11-5-85, Cl. 330-100.000.

Benzoni, Josette: *See—*

  Teutsch, Jean G.; Deraedt, Roger; and Benzoni, Josette, 4,515,787, Cl. 514-180.000.

Beppu, Kohichi; and Kawakami, Shigezo, to Kabushiki Kaisha Kobe Seiko Sho. Pressure reduction apparatus for solid particle-containing high pressure liquids. 4,508,549, 4-2-85, Cl. 55-165.000.

Beppu, Masaru; Agawa, Setsuo; Hazeyama, Takeshi; and Nashimoto, Toshiyuki, to Nittetsu Mining Co., Ltd. Apparatus for classifying particulate material with air currents. 4,551,240, 11-5-85, Cl. 209-143.000.

Bequette, Robert J.: *See—*

  Alexander, Robert L.; Bequette, Robert J.; Kensler, Terry T.; and Scott, Joseph A., 4,537,883, Cl. 514-110.000.

Ber-Vac Inc.: *See—*

  Vachon, Bertrand, 4,554,977, Cl. 172-177.000.

Beran, Anthony V. Clamping structure. 4,516,293, 5-14-85, Cl. 24-16.0PB.

Beran, Debra L.; Cann, Kevin J.; Jorgensen, Robert J.; Karol, Frederick J.; Maraschin, Norma J.; and Marcinkowsky, Arthur E., to Union Carbide Corporation. Ethylene polymerization using supported vanadium catalyst. 4,508,842, 4-2-85, Cl. 502-112.000.

Beranek, Mark W.: *See—*

  Oprysko, Modest M.; and Beranek, Mark W., 4,543,270, Cl. 427-53.100.

Berard, Alain: *See—*

  Grimberg, Martine; and Berard, Alain, 4,520,442, Cl. 364-414.000.

Berard, Claude: *See—*

  Laviron, Andre; and Berard, Claude, 4,520,309, Cl. 324-73.00R.

  Laviron, Andre; and Berard, Claude, 4,547,861, Cl. 364-715.000.

Berard, Raymond A.: *See—*

  Gendreau, Paul M.; Llort, Francisco M.; and Berard, Raymond A., 4,546,980, Cl. 273-218.000.

Berardi, Randal L., to RCA Corporation. Apparatus for accurately establishing the sealing length of CRT envelopes. 4,507,873, 4-2-85, Cl. 33-180.00R.

Berbalk, Hermann, to Oerlikon-Boehringer GmbH. Power-driven steady rest for lathes. 4,535,661, 8-20-85, Cl. 82-40.00R.

Berbalk, Hermann, to Oerlikon-Boehringer GmbH. Machine for machining crankshafts. 4,558,978, 12-17-85, Cl. 409-200.000.

Berberich, Bernd. Plate holder for pad printing machines. 4,491,072, 1-1-85, Cl. 101-327.000.

Berbner, Heinz; Seid, Bernhard; Voelker, Heinz; and Zettler, Hans D., to BASF Aktiengesellschaft. Sheet-like packing material of melamine or phenol resin fibers. 4,557,969, 12-10-85, Cl. 428-283.000.

Bercaw, Kenneth K.: *See—*

  Shank, William E.; and Bercaw, Kenneth K., 4,519,722, Cl. 403-26.000.

Berchem, Antoine: *See—*

  Kambanis, Stamatis M.; Berchem, Antoine; Gregoire, Dennis; and Rybicky, Jaroslav, 4,537,941, Cl. 527-403.000.

Berchem, Rutger, to Berchem & Schaberg GmbH. Cutting-tooth anchor for suction dredge and method of making same. 4,510,706, 4-16-85, Cl. 37-64.000.

Berchem, Rutger, to Berchem & Schaberg GmbH. Sprocket wheel and method of making same. 4,527,987, 7-9-85, Cl. 474-152.000.

Berchem, Rutger, to Berchem & Schaberg GmbH. Method of making a piston bottom. 4,532,686, 8-6-85, Cl. 29-156.50R.

Berchem, Rutger, to Berchem & Schaberg GmbH. Traction chain for a driven wheel of a wheeled vehicle. 4,550,757, 11-5-85, Cl. 152-228.000.

Berchem, Rutger, to Berchem & Schaberg GmbH. Method of making forged steel articles, especially for vehicle parts. 4,561,908, 12-31-85, Cl. 148-12.00F.

Berchem & Schaberg GmbH: *See—*

  Berchem, Rutger, 4,510,706, Cl. 37-64.000.

  Berchem, Rutger, 4,527,987, Cl. 474-152.000.

  Berchem, Rutger, 4,532,686, Cl. 29-156.50R.

  Berchem, Rutger, 4,550,757, Cl. 152-228.000.

  Berchem, Rutger, 4,561,908, Cl. 148-12.00F.

Berchoux, Andre, to Rhone-Poulenc-Textile. Device for the preparation of dispersions. 4,529,321, 7-16-85, Cl. 366-177.000.

Berchtold, Jean: *See—*

  West, Bradford D., Jr.; and Berchtold, Jean, 4,544,974, Cl. 360-120.000.

Berchtold, Nikolaus, to Maag Gear-Wheel & Machine Company Limited. Gear measuring feeler. 4,528,758, 7-16-85, Cl. 33-174.00L.

Berchtold, Nikolaus, to Maag Gear-Wheel & Machine Company Limited. Tooth flank profile measuring apparatus containing a feeler for determining the surface roughness of a tooth flank. 4,552,014, 11-12-85, Cl. 73-105.000.

Bercier, John R.; Cieslowski, Thomas C.; Delaquila, Gary E.; Leone, James W.; and Mauersberger, Paul H., to Wagner Zip-Change Inc. Display letter mounting and method therefor. 4,553,345, 11-19-85, Cl. 40-576.000.

Berco S.p.A.: *See—*

  Bisi, Ugo, 4,560,174, Cl. 277-92.000.

Bercovici, Serge, to Cegedur Societe de Transformation de l'Aluminium, Pechiney. Method of monitoring and controlling operating parameters of a machine for the continuous casting of strips between rolls. 4,497,360, 2-5-85, Cl. 164-454.000.

Bercovici, Serge, to Cegedur Societe de Transformation de l'Aluminium Pechiney. Method of controlling and regulating operational parameters of a machine for continuously casting bands between cylinders, allowing adhesion to be avoided. 4,501,315, 2-26-85, Cl. 164-454.000.

Berczi, Charles N.; and Hall, Karen, to Milliken Research Corporation. Industrial fabrics. 4,522,872, 6-11-85, Cl. 428-257.000.

Berczi, Charles N.; and Hall, Karen, to Milliken Research Corporation. Flame retardant finishing composition for synthetic textiles. 4,524,170, 6-18-85, Cl. 524-371.000.

Berczik, Douglas M.; Brodi, George; and O'Connell, Thomas E., to United Technologies Corporation. Processing for titanium alloys. 4,543,132, 9-24-85, Cl. 148-11.50F.

Berdanier, Barry N., to Texas Instruments Incorporated. Scanner position sensor for an integrated laser/FLIR rangefiner. 4,542,986, 9-24-85, Cl. 356-5.000.

Berdanier, Barry N.: *See—*

Patrick, Thomas R.; Powell, Richard; and Berdanier, Barry N., 4,561,775, Cl. 356-5.000.

Berdiev, Oleg S.: *See—*

Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.; and Berdiev, Oleg S., 4,519,437, Cl. 164-284.000.

Berecz, Imre, to Microdot Inc. Anti-vibration thread form. 4,540,321, 9-10-85, Cl. 411-310.000.

Berecz, Imre; and Hinton, Dennis L., to Microdot Inc. Adjustable torque responsive control. 4,546,833, 10-15-85, Cl. 173-12.000.

Beregi, Laszlo; Hugon, Pierre; Duhault, Jacques; and Boulanger, Michelle, to Adir. Sulfonylurea compounds and their use in treating diabetes. 4,505,921, 3-19-85, Cl. 514-212.000.

Berejka, Anthony J.: *See—*

Tancrede, Jean M.; and Berejka, Anthony J., 4,497,936, Cl. 525-222.000.

Berenato, Joseph W., III; Raivel, Earl L., Jr.; and Strepelis, John J., to Bethlehem Steel Corporation. Semi-automatic pusher machine leveler bar control and method. 4,555,209, 11-26-85, Cl. 414-163.000.

Berenbaum, Alan D.; Jagannathan, Anand; Molinelli, John J.; and Pekarich, Steven P., to AT&T Bell Laboratories. Microprocessor having decision pointer to process restore position. 4,562,538, 12-31-85, Cl. 364-200.000.

Berendt, Hans-Ulrich; and Pacher, Marielise, to Ciba-Geigy Corporation. Process for aftertreating dyed fibrous material made of or containing cellulose. 4,515,596, 5-7-85, Cl. 8-107.000.

Berendt, Hans-Ulrich: *See—*

Schafer, Paul; and Berendt, Hans-Ulrich, 4,494,956, Cl. 8-543.000.

Schafer, Paul; and Berendt, Hans-Ulrich, 4,496,472, Cl. 252-186.220.

Berenger, Daniel, to Gerland S.A. Method of and apparatus for producing decorative floor and wall coverings. 4,495,012, 1-22-85, Cl. 156-78.000.

Berenguier, Pierre H.: *See—*

ab der Halden, Charles H.; and Berenguier, Pierre H., 4,551,845, Cl. 375-40.000.

Berenyi nee Poldermann, Edit: *See—*

Rakoczi, Jozsef; Berenyi nee Poldermann, Edit; Fekete, Bela; Szekeres, Laszlo; Papp, Gyula; and Keszthelyi nee Udvary, Eva, 4,530,923, Cl. 514-183.000.

Berenz, John J.; and Nakano, Kenichi, to TRW Inc. Two-gate noncoplanar FET with self-aligned source. 4,537,654, 8-27-85, Cl. 156-644.000.

Berenz, John J.; Dalman, G. Conrad; and Lee, Charles A., to TRW Inc. Opposed gate-source transistor. 4,551,904, 11-12-85, Cl. 29-571.000.

Berenz, John J.: *See—*

McIver, George W.; Nakano, Kenichi; and Berenz, John J., 4,507,845, Cl. 29-571.000.

Beres, Arthur W.; and Verderico, Joseph P., to Goodyear Tire & Rubber Company, The. Cable take-up for tire vulcanizer. 4,508,497, 4-2-85, Cl. 425-28.00R.

Beresniewicz, Aleksander, to Du Pont de Nemours, E. I., and Company. Tertiary perfluorinated compounds as rate enhancing additives in PTFE dispersion polymerization. 4,555,556, 11-26-85, Cl. 526-212.000.

Beret, Samil: *See—*

Jenkins, John M., III; Jones, Russell L.; Jones, Thomas M.; and Beret, Samil, 4,543,399, Cl. 526-70.000.

Reynolds, John G.; Yu, S. Gary; and Beret, Samil, 4,559,130, Cl. 208-59.000.

Beretta, Guiliano; and Saitto, Antonio, to Agence Spatiale Europeenne. Orbital spacecraft having common main reflector and plural frequency selective subreflectors. 4,562,441, 12-31-85, Cl. 343-781.00P.

Beretta, Paolo; and Kitchin, Jonathan P., to Minnesota Mining and Manufacturing Company. Cyanine dyes for sensitizing silver halide emulsions to infrared radiation and photographic elements including them. 4,515,888, 5-7-85, Cl. 430-584.000.

Berezowsky, John W. Paper sheet holders. 4,521,035, 6-4-85, Cl. 281-48.000.

Berfield, Robert C., to Shop-Vac Corporation. Resilient detented lid latch. 4,501,378, 2-26-85, Cl. 220-324.000.

Berfield, Robert C.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., to Shop-Vac Corporation. Air flow responsive outlet from tank of vacuum cleaner. 4,508,550, 4-2-85, Cl. 55-216.000.

Berfield, Robert C., to Shop-Vac Corporation. Vibration isolating means. 4,512,713, 4-23-85, Cl. 415-119.000.

Berfield, Robert C., to Shop-Vac Corporation. Compact vacuum cleaner. 4,547,927, 10-22-85, Cl. 15-327.00F.

Berfield, Robert C.: *See—*

Miller, Jonathan; Wacek, Rudolph W.; Berfield, Robert C.; Meland, Ronald F.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,538,971, Cl. 417-423.00A.

Berg, Albert T., Jr.: *See—*

Langlie, Howard; and Berg, Albert T., Jr., 4,560,827, Cl. 174-52.00S.

Berg, Arne, to ASEA Aktiebolag. Delivery of articles to and from a mechanical treating machine served by an industrial robot. 4,557,655, 12-10-85, Cl. 414-32.000.

Berg, Arthur A., to Sloan Valve Company. Front air swingaway. 4,550,928, 11-5-85, Cl. 280-421.000.

Berg, Arthur A.: *See—*

Allen, Charles S.; Berg, Arthur A.; Schmitt, Eugene W.; Stoltenberg, Michael R.; and Lissau, Frederic, 4,544,132, Cl. 251-318.000.

Berg, Arthur H. Method for making plastic article with fibrous reinforcement. 4,499,039, 2-12-85, Cl. 264-137.000.

Berg, B. Alan: *See—*

Dambach, Philip J.; and Berg, B. Alan, 4,538,874, Cl. 339-99.00R.

Dambach, Philip J.; and Berg, B. Alan, 4,538,878, Cl. 339-217.00R.

Berg, Cyrus. Lifting lug for shipping containers. 4,541,662, 9-17-85, Cl. 294-82.100.

Berg, Daniel T., to Motorola, Inc. Duplex communication transceiver with modulation cancellation. 4,520,475, 5-28-85, Cl. 370-24.000.

Berg, Dieter: *See—*

Kramer, Wolfgang; Reiser, Wolf; Berg, Dieter; Brandes, Wilhelm; and Reinecke, Paul, 4,503,059, Cl. 514-326.00A.

Weissmuller, Joachim; Kramer, Wolfgang; Berg, Dieter; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,542,130, Cl. 514-212.000.

Berg, Eric P.: *See—*

Sandvig, Timothy C.; Ersfeld, Dean A.; and Berg, Eric P., 4,544,572, Cl. 427-44.000.

Berg, Gilbert G.: *See—*

Cannady, Daniel L., Jr.; Berg, Gilbert G.; Leschek, Walter C.; and Meier, Joseph F., 4,552,781, Cl. 427-57.000.

Berg, Gunnar H., to Hughes Tool Company. Elevator/spider with counterbalance. 4,550,942, 11-5-85, Cl. 294-102.200.

Berg, Harvey F.; Peterson, Lyle; and Leslie, James E., to Deltec Systems, Inc. Drug delivery system. 4,559,038, 12-17-85, Cl. 604-153.000.

Berg, Harvey J., to Minnesota Mining and Manufacturing Company. Molded fibrous filtration products. 4,536,440, 8-20-85, Cl. 428-284.000.

Berg, Howard M.: *See—*

Mitchell, Curtis W.; and Berg, Howard M., 4,501,637, Cl. 156-630.000.

Berg, James G.; and Wei, Ta-Sheng, to Minnesota Mining and Manufacturing Company. Polyethylene-terephthalate-backed adhesive tape or extreme dimensional stability. 4,529,645, 7-16-85, Cl. 428-294.000.

Berg, Keith E. Self cleaning indoor barbecue griller. 4,508,097, 4-2-85, Cl. 126-41.00R.

Berg, Lars-Eije: *See—*

Sylven, Hans; Ennerdal, Leif; and Berg, Lars-Eije, 4,527,313, Cl. 24-464.000.

Berg, Lloyd; and Yeh, An-I. Separation of methanol from acetone by extractive distillation. 4,501,645, 2-26-85, Cl. 203-51.000.

Berg, Lloyd; and Yeh, An-I. Separation of n-butyl acetate from n-butanol by extractive distillation. 4,507,176, 3-26-85, Cl. 203-51.000.

Berg, Lloyd; and Yeh, An-I. Separation of isopropyl ether from isopropanol and water by extractive distillation. 4,510,022, 4-9-85, Cl. 203-51.000.

Berg, Lloyd. Separation of benzene from non-aromatic hydrocarbons by extractive distillation. 4,514,262, 4-30-85, Cl. 203-51.000.

Berg, Lloyd; and Yeh, An-I. Separation of n-butyl acetate from n-butanol by extractive distillation. 4,525,245, 6-25-85, Cl. 203-51.000.

Berg, Lloyd; and Yeh, An-I. Separation of methyl acetate from methanol by extractive distillation. 4,543,164, 9-24-85, Cl. 203-56.000.

Berg, Lloyd; and Yeh, An-I. Separation of isopropyl ether from methyl ethyl ketone by extractive distillation. 4,544,454, 10-1-85, Cl. 203-51.000.

Berg, Lloyd; and Yeh, An-I. Separation of methanol from methyl acetate by extractive distillation. 4,549,938, 10-29-85, Cl. 203-51.000.

Berg, Lloyd; and Yeh, An-I. Separation of isopropyl ether from acetone by extractive distillation. 4,551,207, 11-5-85, Cl. 203-56.000.

Berg, Lloyd T.; and Flowers, Stephen A. Folded carton beverage accessories dispenser. 4,541,526, 9-17-85, Cl. 206-44.120.

Berg, Martin. Combustion chamber for dual turbine wheel engine. 4,553,386, 11-19-85, Cl. 60-39.150.

Berg, Norman A.: *See—*

Kaim, John W.; Berg, Norman A.; and Altherr, Russell G., 4,537,304, Cl. 206-335.000.

Berg, Norman J.: *See—*

Casseday, Michael W.; Berg, Norman J.; and Filipov, Andree N., 4,558,925, Cl. 350-358.000.

Berg, Richard M. Omni-directional radar and electro-optical multiple corner retro reflectors. 4,551,726, 11-5-85, Cl. 343-18.00C.

Berg, Roy C.; Malloy, Thomas P.; and Vora, Bipin V., to UOP Inc. Production of dialkylated aromatics. 4,520,218, 5-28-85, Cl. 585-449.000.

Berg, Samuel, to ASEA Aktiebolag. Circuit breaker with means for producing a flow of arc-extinguishing gas. 4,491,706, 1-1-85, Cl. 200-148.00A.

Bergamaschi, Mario; and Alfieri, Carlo, to Dr. L. Zambeletti, S.p.A. Method for treating infected renal calculosis. 4,499,107, 2-12-85, Cl. 514-575.000.

Bergamini, Paolo: *See—*

Bastida, Ezio M.; and Bergamini, Paolo, 4,511,860, Cl. 331-96.000.

Bergamo, Robert L.; Foreman, Gordon T.; Gallaro, Anthony V.; and Nagel, Judy A., to North American Philips Consumer Electronics

Corp. Photographic process for applying phosphor pattern to color CRT shadow mask. 4,505,999, 3-19-85, Cl. 430-24.000.

Bergamo, Robert L.: *See—*
Lambert, Robert L.; Nagel, Judy A.; and Bergamo, Robert L., 4,546,064, Cl. 430-270.000.

Bergandi Manufacturing Co., Inc.: *See—*
Rohrbacher, Herbert E., 4,513,793, Cl. 140-92.400.

Bergdahl, Herbert O., Jr. Sharpener for turning tools. 4,527,361, 7-9-85, Cl. 51-239.000.

Berge, Arvid: *See—*
Ugelstad, John; and Berge, Arvid, 4,530,956, Cl. 524-458.000.

Berge, Christian: *See—*
Cordier, Bernard; and Berge, Christian, 4,520,665, Cl. 73-155.000.

Bergelson, Michael; Fridman, Jacob; and John, Erwin R., to Neurometrics, Inc. Automatic evoked potential detection. 4,493,327, 1-15-85, Cl. 128-731.000.

Bergen, Franciscus H. M., to U.S. Philips Corporation. Smear reduction for a television pickup. 4,510,528, 4-9-85, Cl. 358-213.000.

Bergen, Gary R., to Emhart Industries, Inc. Latch bolt operating assembly having bolt operating improvements. 4,516,798, 5-14-85, Cl. 292-169.130.

Bergen, Henry M.; Zaimi, Sedat; Castellano, Vincenzo; and Schildkraut, Irwin, to IPC Communications, Ltd. Dual talk path key telephone. 4,536,621, 8-20-85, Cl. 179-99.00R.

Bergen, Richard F.: *See—*
Gundlach, Robert W.; and Bergen, Richard F., 4,558,221, Cl. 250-325.000.

Bergenwall, Henning. Device for raising and lowering objects. 4,549,720, 10-29-85, Cl. 254-124.000.

Berger, Abe, to M&T Chemicals Inc. Siloxane-containing polymers. 4,499,149, 2-12-85, Cl. 428-447.000.

Berger, Alfons: *See—*
Meinhardt, Heinrich; Berger, Alfons; and Zimmerman, Harald, 4,504,015, Cl. 241-3.000.

Berger, Barry D., to Esselte Pendaflex Corporation. Marker storage cassette and holders therefor. 4,538,736, 9-3-85, Cl. 211-69.500.

Berger, Charles; and Ruth, Kenneth, to Archival Color Technologies. Processing machine for printing. 4,517,267, 5-14-85, Cl. 430-3.000.

Berger, Christian; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, to Rhone-Poulenc Sante. Cephalosporin derivatives, their preparation and compositions containing them. 4,508,717, 4-2-85, Cl. 514-203.000.

Berger, Christian; Farge, Daniel; Moutonnier, Claude; and Wolff, Gerard, to Rhone-Poulenc Industries. Cephalosporin derivatives. 4,520,193, 5-28-85, Cl. 544-016.000.

Berger, Dieter; Frey, Gunter; Knappe, Wolfgang-Reinhold; Kuhr, Manfred; Rittersdorf, Walter; and Werner, Wolfgang, to Boehringer Mannheim GmbH. Agent for the determination of esterolytic and/or proteolytic enzymes. 4,551,428, 11-5-85, Cl. 435-19.000.

Berger, Don E.: *See—*
Davis, Jeffrey J., 4,559,528, Cl. 340-566.000.

Berger, Eric V., to GTE Automatic Electric Laboratories Incorporated. Bending tool. 4,522,055, 6-11-85, Cl. 72-477.000.

Berger, Erich: *See—*
Barbe, Karl-Heinz; and Berger, Erich, 4,503,867, Cl. 131-95.000.

Berger, Frank M.; DeGraw, Joseph I., Jr.; and Johnson, Howard L., to Berger, Frank M. P-Alkyl or cycloalkyl phenoxy alkanols and alkanol esters and process for the treatment of allergic conditions. 4,543,362, 9-24-85, Cl. 514-480.000.

Berger, Fritz: *See—*
Vogel, Ernst; and Berger, Fritz, 4,507,528, Cl. 200-302.200.

Berger, Gunther; and Frech, Alfred, to Robert Bosch GmbH. Cutter block for a motor driven hand planer. 4,557,305, 12-10-85, Cl. 144-230.000.

Berger, Hans S.; Mercurio, Frank; and Reiner, Norbert L., to Coleco Industries, Inc. Child's ride-on toy with reversing drive for rear wheels. 4,516,648, 5-14-85, Cl. 180-6.660.

Berger, Harvey L.; Ericson, A. Earle; and Levine, Carl, to Sono-Tek Corporation. Ultrasonic liquid atomizer, particularly for high volume flow rates. 4,541,564, 9-17-85, Cl. 239-102.000.

Berger, Heinz: *See—*
Fitterer, Horst; Roos, Roland; Muenzner, Wulf; Balz, Werner; and Berger, Heinz, 4,557,433, Cl. 242-187.000.

Berger, Hermann, to Chemie Und Filter GmbH, Verfahrenstechnik KG. Switching circuit with a time delay device. 4,498,019, 2-5-85, Cl. 307-132.00E.

Berger, James K., to Pioneer Research, Inc. Servowriter system for magnetic disc drives. 4,531,167, 7-23-85, Cl. 360-77.000.

Berger, Jean-Luc; and Descure, Patrick, to Thomson-CSF. Device for scanning an image in successive lines, utilizing the electrical charge transfer, incorporating a line memory and a television camera incorporating such a device. 4,506,299, 3-19-85, Cl. 358-213.000.

Berger, Jean P.; and Crothers, Carlyle W., to Northern Telecom Limited. Mounting of electronic components on printed circuit boards. 4,515,304, 5-7-85, Cl. 228-136.000.

Berger, Jenson & Nicholson, Limited: *See—*
Salome, Frederik, 4,531,975, Cl. 106-18.300.

Berger, John G., to Sperry Corporation. Power failure protector circuit. 4,530,027, 7-16-85, Cl. 361-92.000.

Berger, Josef: *See—*
Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, 4,559,663, Cl. 15-250.350.

Berger, Karl. Throat examination device. 4,550,717, 11-5-85, Cl. 128-16.000.

Berger, Kenneth R., to Frito-Lay, Inc. Ultrasonically-sealable peelable seal. 4,521,467, 6-4-85, Cl. 428-35.000.

Berger, Kenneth R.: *See—*
Kreager, William D.; and Berger, Kenneth R., 4,534,818, Cl. 156-466.000.

Berger, Klaus; Affeldt, Karl-Heinz; and Bottcher, Lutz, to Robert Bosch GmbH. Method and apparatus for measuring blood pressure by instantaneous comparison of multiple frequency-range components of Korotkoff noise. 4,534,361, 8-13-85, Cl. 128-680.000.

Berger, L. Joseph, Jr.; and Guequierre, Denis D. In-line disposable filter. 4,493,717, 1-15-85, Cl. 55-330.000.

Berger, Michael F., to Tandy Corporation. Memory management system. 4,545,016, 10-1-85, Cl. 364-200.000.

Berger, Paul L.: *See—*
Berger, Richard C.; and Berger, Paul L., 4,513,939, Cl. 248-544.000.

Berger, Richard C.; and Berger, Paul L. Vibration absorption mounting for a rooftop air handling unit. 4,513,939, 4-30-85, Cl. 248-544.000.

Berger, Richard F.; and Pardes, Greg. Flexible pleated container structure. 4,526,296, 7-2-85, Cl. 222-107.000.

Berger, Richard M., to American Filtrona Corporation. Free air dilution smoke filter and method and apparatus for fabricating same. 4,499,912, 2-19-85, Cl. 131-336.000.

Berger, Richard M., to American Filtrona Corporation. Filter manufacturing technique. 4,507,107, 3-26-85, Cl. 493-44.000.

Berger, Richard M., to American Filtrona Corporation. Method and apparatus for producing tobacco smoke filter having improved tar/-carbon monoxide ratio. 4,508,525, 4-2-85, Cl. 493-43.000.

Berger, Richard M., to American Filtrona Corporation. Free air dilution smoke filter and method and apparatus for fabricating same. 4,552,158, 11-12-85, Cl. 131-94.000.

Berger, Saul H., to Grumman Aerospace Corporation. Hand glove. 4,531,241, 7-30-85, Cl. 2-161.00R.

Berger, Terry A., to Hewlett-Packard Company. Self cleaning electrochemical detector and cell for flowing stream analysis. 4,496,454, 1-29-85, Cl. 204-402.000.

Berger, Wolfgang: *See—*
Bany, Peter-Michael; Berger, Wolfgang; Bettge, Hans; Bialkowski, Gunter; Rozek, Rafl; Steinemer, Norbert; and Volkmann, Claus-Jurgen, 4,516,004, Cl. 200-144.00B.

Berger, Zoltan, to Borbe-Wanner AG. Apparatus for shredding documents. 4,558,827, 12-17-85, Cl. 241-224.000.

Bergermann, Franz; and Prufer, Michael, to Triumph-Adler A.G. fur Buro- und Informationstechnik. Method of displaying a text on a single-line display unit of a word processor. 4,504,825, 3-12-85, Cl. 340-709.000.

Bergermann, Franz; and Prufer, Michael, to Triumph-Adler A.G. fur Buro- und Informationstechnik. Method of cursor control for enabling all text in working memory to be displayed well in advance of reproduction of editing. 4,528,560, 7-9-85, Cl. 340-709.000.

Bergeron, David L., to International Business Machines Corporation. Trench-defined semiconductor structure. 4,547,793, 10-15-85, Cl. 357-50.000.

Bergeron, Hervin J., Jr., to Ledet, Stephen J., Jr.; and Elder, James Donald, part interest to each. Air circulation system for generally enclosed structures. 4,505,325, 3-19-85, Cl. 165-45.000.

Bergeron, Hervin J., Jr., to Ledet, Stephen J., Jr.; and Elder, James D., part interest to each. Air circulation system and air flow elements therefor. 4,538,507, 9-3-85, Cl. 98-31.500.

Bergeron, Hervin J., Jr., to Ledet, Stephen J., Jr.; and Elder, James D., part interest to each. Air circulation system for generally enclosed structures. 4,541,479, 9-17-85, Cl. 165-45.000.

Bergeron, Ned; and Stollberg, Theodore A., to B.W.B. Controls, Inc. Plunger and transparent indicator. 4,499,846, 2-19-85, Cl. 116-272.000.

Bergeron, Ned A., to B.W.B. Controls, Inc. Boom warning actuator. 4,535,899, 8-20-85, Cl. 212-153.000.

Bergeron, Raymond J., Jr., to University of Florida. Methods and intermediates for the preparation of spermidine, homospermidine and norspermidine. 4,505,861, 3-19-85, Cl. 260-465.00E.

Bergersen, Hans A.; and Risberg, Eilif, to International Standard Electric Corporation. Electrical resistance heating element. 4,501,956, 2-26-85, Cl. 219-553.000.

Berges, Hanns-Peter; Frieden, Peter; and Leier, Wolfgang, to Leybold-Heraeus GmbH. Oil-sealed vacuum pump. 4,525,129, 6-25-85, Cl. 418-84.000.

Berges, Hanns-Peter; and Kabelitz, Hans-Peter, to Leybold-Heraeus GmbH. Method of producing a rotor for rotary slide-vane vacuum pumps, and a rotor produced by said method. 4,561,837, 12-31-85, Cl. 418-255.000.

Bergeson, Lloyd: *See—*
Bates, Alexander P.; and Harcourt, Philip E., 4,506,619, Cl. 114-91.000.
Lord, John G., 4,499,841, Cl. 114-98.000.

Bergevin, Benoit: *See—*
Jean, Benoit; Bergevin, Benoit; and Rheault, Fernand, 4,556,368, Cl. 417-208.000.

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Bergh, Daniel D. *See*—
  Timoshenkin, John A.; and Bergh, Daniel D. 4,495,381, Cl. 174-178.000.
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Bergh, Ralph A. *See*—
  Shaw, Herbert J.; and Bergh, Ralph A. 4,493,528, Cl. 350-96.150.
  Shaw, Herbert J.; and Bergh, Ralph A. 4,536,058, Cl. 350-320.000.
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Bergk, Gunther. *See*—
  Schwarz, Gerhard; and Bergk, Gunther. 4,523,139, Cl. 320-40.000.
Bergkvist, Hans; and Jaun, Hans, to Institut Cerac S.A. Rock drilling apparatus. 4,503,916, 3-12-85, Cl. 175-27.000.
Bergland, Paul W., to Zerand Corporation. Web apparatus with variable repeat interval. 4,545,518, 10-8-85, Cl. 226-139.000.
Bergler, Otto, to Eugen Lutz GmbH & Co. Maschinenfabrik. Combination table and miter saw. 4,531,441, 7-30-85, Cl. 83-471.300.
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Berglund, Jan, to Wicanders AB. Screw cap with security ring. 4,505,401, 3-19-85, Cl. 215-252.000.
Berglund, Lars G.; Bjorklund, Sven-Erik B.; and Linde, Lars H., to Aktiebolaget Electrolux. Operating device in a dish-washing machine. 4,536,043, 8-20-85, Cl. 312-222.000.
Berglund, Lennart H. A., to Boliden Aktiebolag. Method for recovering useful products from waste products obtained when manufacturing aluminum fluoride. 4,560,540, 12-24-85, Cl. 423-116.000.
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  Lagerstrom, Gosta B.; and Berglund, Lennart H. A. 4,557,918, Cl. 423-375.000.
Berglund, Malcolm F. Tool for opening a pressure cooker. 4,522,088, 6-11-85, Cl. 81-3.550.
Berglund, Norman, to Thunder Bay Northland Machinery Inc. Rotary grain cleaner. 4,543,179, 9-24-85, Cl. 209-30.000.
Bergman, Clark; Vergason, Gary E.; Allen, William; and Reed, Michael F., to Multi-Arc Vacuum Systems Inc. Physical vapor deposition apparatus. 4,556,471, 12-3-85, Cl. 204-298.000.
Bergman, Ernest R., to Copeland Corporation. Thermally protected dynamoelectric machine and method of assembly. 4,503,347, 3-5-85, Cl. 310-68.00C.
Bergman, Jan; Van Genderen, Pieter; and Hol, Willem A., to Hollandse Signaalapparaten B.V. Pulse radar apparatus. 4,524,359, 6-18-85, Cl. 343-7.700.
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Bergman, Jan, to Hollandse Signaalapparaten B.V. Threshold circuit for radar video data. 4,527,159, 7-2-85, Cl. 343-7.00A.
Bergman, Marc A. *See*—
  Chu, Raymond D.; and Bergman, Marc A. 4,493,614, Cl. 417-22.000.
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Bergman, Robert G.; Janowicz, Andrew H.; and Periana-Pillai, Roy A., to United States of America, Energy. Process for functionalizing alkanes. 4,511,745, 4-16-85, Cl. 570-241.000.
Bergman, Roger W., to Dow Chemical Company, The. 1,3-Oxathiolane-2-thiones as sulfide mineral collectors in froth flotation. 4,511,464, 4-16-85, Cl. 209-166.000.
Bergman, Rolf S. *See*—
  Otto, Lee W.; Ingold, John H.; and Bergman, Rolf S. 4,517,491, Cl. 313-579.000.
  Tschetter, Charles D.; and Bergman, Rolf S. 4,535,269, Cl. 313-579.000.
Bergmann, Conrad E. Apparatus for packaging articles. 4,525,133, 6-25-85, Cl. 425-120.000.
Bergmann, David E. Apparatus and method for maintaining altitude and attitude of a neutral buoyancy balloon. 4,547,167, 10-15-85, Cl. 446-220.000.
Bergmann, Erich, to ETA S.A., Fabriques d'Ebauches. Article comprising a substrate having a hard and corrosion-proof coating thereon. 4,557,981, 12-10-85, Cl. 428-627.000.
Bergmann, Ernest E., to AT&T Bell Laboratories. Polarization independent beam splitter. 4,492,436, 1-8-85, Cl. 350-395.000.
Bergmann, Heinz. Equipment for compacting trash consisting of packing materials and easily compressed wastes. 4,524,685, 6-25-85, Cl. 100-210.000.
Bergmann, Konrad, to American Standard Inc. Sanitary water valve. 4,522,231, 6-11-85, Cl. 137-625.170.
Bergmann, Konrad, to American Standard Inc. Straight-way valve. 4,549,579, 10-29-85, Cl. 137-625.210.
Bergmann, Konrad, to American Standard Inc. Straight-way valve. 4,554,948, 11-26-85, Cl. 137-625.310.
Bergmann, Kurt W.; and Westerhuis, Popko J., to Feldmuhle Aktiengesellschaft. Process for the preparation of coated paper and cardboard and coating materials for the performance of the process. 4,495,029, 1-22-85, Cl. 162-135.000.
Bergmann, Michael J.; Lederer, Armin; and Wallner, Norbert, to Siegert GmbH Company. Rotary resistors. 4,491,823, 1-1-85, Cl. 338-174.000.
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  Strempel, Hans-Jurgen; Diehl, Manfred; and Bergmann, Roland. 4,508,633, Cl. 252-135.000.
Bergmann, Udo; Hansen, Guenter; Lach, Dietrich; Thomas, Michael; and Zeidler, Georg, to BASF Aktiengesellschaft. Dis-, tris-, and tetrakisazo compounds containing resorcinol, sulfonylamino, and two or three sulfonic acid groups. 4,491,542, 1-1-85, Cl. 534-677.000.
Bergmann, Udo; Dix, Johannes P.; Hansen, Guenter; and Schefczik, Ernst, to BASF Aktiengesellschaft. Isothiazolazo dyes having coupling components which are free from unsaturated aliphatic radicals. 4,496,480, 1-29-85, Cl. 534-794.000.
Bergmann, Udo; Degen, Helmut; Hansen, Guenter; Krallmann, Reinhold; and Weber, Hans, to BASF Aktiengesellschaft. Navy blue mixtures of disperse mono-azo dyes for cellulose acetate. 4,537,597, 8-27-85, Cl. 8-639.000.
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Bergmans, Charles, to Clarks of England, Inc. Shoe having an improved attachment of the upper to the sole. 4,505,055, 3-19-85, Cl. 36-18.000.
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  Palm, Erich J.; and Bergmans, Christianus H. J. 4,530,043, Cl. 363-21.000.
Bergmans, Hendrik J., to U.S. Philips Corporation. High speed scanning arrangement for video tape recorder. 4,558,381, 12-10-85, Cl. 360-77.000.
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Bergner, Arndt, to Hilti Aktiengesellschaft. Expansion dowel assembly. 4,501,520, 2-26-85, Cl. 411-21.000.
Bergous, Rauno, to Valmet Oy. Tractor with improved frame construction. 4,506,756, 3-26-85, Cl. 180-291.000.
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Bergquist, Lyle E., to Martin Marietta Corporation. Ultra sensitive noble gas leak detector. 4,492,110, 1-8-85, Cl. 73-40.700.
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  Mullen, Charles K.; Shepherd, Gary D.; Fernandez, Ramon B.; and Bergren, Kenneth B. 4,507,272, Cl. 423-447.400.
Bergren, Orion D. *See*—
  Parkinson, Dean B.; and Bergren, Orion D. 4,519,632, Cl. 283-75.000.
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Bergstedt, Lowell C. Child's growth measuring and registering devices. 4,495,702, 1-29-85, Cl. 33-169.00R.
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  Saaf, Lars L.; and Bergsten, Lars E. 4,515,141, Cl. 123-647.000.
Bergsten, Sten E. *See*—
  Suomala, John E.; Bratton, Kenneth L.; Bergsten, Sten E.; Savic, Nicolas M.; and Gardner, E. Boyd. 4,554,000, Cl. 65-129.000.
Bergstrom, Arne. Objectives particularly for television cameras. 4,560,863, 12-24-85, Cl. 250-213.0VT.

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Edgren, Anders; Soderberg, Jan; and Bergstrom, Bengt, 4,513,106, Cl. 521-58.000.

Bergstrom, Hans R.; and Johansson, Uno, to AB Samefa. Equipment for straightening deformed vehicles or vehicle parts. 4,505,145, 3-19-85, Cl. 72-457.000.

Bergstrom, John R., to Mo och Domsjo Aktiebolag. Process for recovery of sulfur dioxide liberated in the chemical pulping of lignocellulosic material. 4,508,593, 4-2-85, Cl. 162-29.000.

Bergstrom, John R.: *See—*

Lindahl, Jonas A. I.; and Bergstrom, John R., 4,537,656, Cl. 162-38.000.

Bergstrom, Par-Halan: *See—*

Jelvestam, Roland E.; and Bergstrom, Par-Halan, 4,492,868, Cl. 250-345.000.

Bergstrom, Per-Olof: *See—*

Ahlen, Karl-Gustav; Bergstrom, Per-Olof; and Wallgren, Hans A., 4,559,849, Cl. 74-761.000.

Bergstrom, Sheryl L.; and Foutch, Gary L., to United States of America, National Aeronautics and Space Administration. Production of butanol by fermentation in the presence of cocultures of clostridium. 4,539,293, 9-3-85, Cl. 435-160.000.

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Bergthaller, Peter; Odenwalder, Heinrich; and Matejec, Reinhard, to AGFA-Gevaert, A.G. Photographic recording material containing a precursor of a photographically-active compound. 4,546,073, 10-8-85, Cl. 430-543.000.

Bergthaller, Peter; Rosenhahn, Lothar; Herd, Karl J.; Fuerstenwerth, Hauke; and Stolzenburg, Rudolf, to AGFA-Gevaert, A.G. Photographic recording material containing new azo dyes. 4,559,296, 12-17-85, Cl. 430-519.000.

Bergthaller, Peter: *See—*

Schenk, Gunther; Bergthaller, Peter; Heidenreich, Holger; and Wolfrum, Gerhard, 4,524,123, Cl. 430-241.000.

Stolzenburg, Rudolf; Bergthaller, Peter; Wolfrum, Gerhard; and Strauss, Jurgen, 4,521,506, Cl. 430-241.000.

Bergthold, Frederick M., Jr.: *See—*

Laderman, Arnold J.; and Bergthold, Frederick M., Jr., 4,538,635, Cl. 137-114.000.

Bergveld, Piet: *See—*

Koning, Gerrit; and Bergveld, Piet, 4,534,825, Cl. 156-644.000.

Bergwerksverband GmbH: *See—*

Cornely, Wolfgang; Esser, Heinz; and Schmidt, Rudolf, 4,510,180, Cl. 427-136.000.

Degel, Josef; Henning, Klaus-Dirk; Klein, Jurgen; and Wybrands, Klaus, 4,491,609, Cl. 427-215.000.

Kemper, Franz, 4,534,597, Cl. 299-81.000.

Klein, Jurgen; and Schulz, Peter, 4,535,065, Cl. 502-21.000.

Knoblauch, Karl; Heimbach, Heinz; and Harder, Burkhard, 4,548,799, Cl. 423-351.000.

Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, 4,497,595, Cl. 405-261.000.

Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, 4,525,103, Cl. 405-261.000.

Richter, Ekkehard; Korbacher, Werner; Knoblauch, Karl; and Giessler, Klaus, 4,521,221, Cl. 48-196.00R.

Romey, Ingo; and Lennartz, Rudiger, 4,517,086, Cl. 210-323.200.

Schilling, Hans-Dieter; and Holl, Lothar, 4,545,959, Cl. 422-142.000.

Stephan, Peter, 4,525,104, Cl. 405-290.000.

Vaupel, Knut; and Schulz, Peter, 4,518,286, Cl. 406-46.000.

Bergwitz-Larsen, Carl-Aage; and Osterlund, Rolf G. L., to KabiVitrum AB. Novel pharmaceutical composition. 4,536,495, 8-20-85, Cl. 514-54.000.

Beringer Co., Inc.: *See—*

Trott, Delano B., 4,511,472, Cl. 210-340.000.

Beringer, Richard D.: *See—*

Evans, Maurice L.; Mola, Clark M.; and Beringer, Richard D., 4,532,665, Cl. 15-21.00D.

Berinson, Robert. Picture mount and system for hanging pictures. 4,530,482, 7-23-85, Cl. 248-475.100.

Berisch, Volker; and Birkenbach, Alfred, to ITT Industries, Inc. Deceleration-sensitive braking pressure control unit for a vehicular hydraulic brake system. 4,542,945, 9-24-85, Cl. 303-6.00C.

Beristain, Charles D., to United Technologies Corporation. Capacitive pressure sensor with low parasitic capacitance. 4,530,029, 7-16-85, Cl. 361-283.000.

Berke, Carl M., to Polaroid Corporation. Polyacrylic acid/chitosan polyelectrolyte complex. 4,501,835, 2-26-85, Cl. 524-32.000.

Berke, Joseph J.; and Michael, Charles T., to Berke, Joseph J. Elongated needle electrode and method of making same. 4,561,445, 12-31-85, Cl. 128-642.000.

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Berkeley, James E., to Shopsmith, Inc. Cutter head system. 4,538,655, 9-3-85, Cl. 144-230.000.

Berken, George A.: *See—*

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Berkey, George E., to Corning Glass Works. Method of making polarization preserving optical fiber. 4,561,871, 12-31-85, Cl. 65-3.110.

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Rejwan, Sasson, 4,530,176, Cl. 40-359.000.

Berkich, Ronald S. Slip-on screwdriver ratchet. 4,546,677, 10-15-85, Cl. 81-62.000.

Berkman Industries, Inc.: *See—*

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Berkman, Joseph L., to Berkman Industries, Inc. Storage system for either boxed or unboxed cassettes. 4,518,084, 5-21-85, Cl. 206-387.000.

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Kohls, John B., 4,527,905, Cl. 368-93.000.

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Walter, Chris J.; Wilson, Colleen R.; and Berkovich, Semyon, 4,493,074, Cl. 370-119.000.

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Berkowitz, Irving L., to Kason Industries Inc. Panel fastener system. 4,512,122, 4-23-85, Cl. 52-127.900.

Berkowitz, Phillip T.: *See—*

Tang, Kuo-Chang; and Berkowitz, Phillip T., 4,503,226, Cl. 544-193.000.

Berks, Robert S.: *See—*

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Berkstresser, David E. Recumbent velocipede. 4,526,392, 7-2-85, Cl. 280-281.0LP.

Berkstresser, George W.; Huo, Tai-Chan D.; and Shmulovich, Joseph, to AT&T Bell Laboratories. Visual display system utilizing high luminosity single crystal garnet material. 4,550,256, 10-29-85, Cl. 250-483.100.

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Berlekamp, Elwyn R.; and Tong, Po, to Cyclotomics, Inc. Interleavers for digital communications. 4,559,625, 12-17-85, Cl. 371-2.000.

Berlex Laboratories, Inc.: *See—*

Diamond, Julius; and Wohl, Ronald A., 4,517,310, Cl. 514-394.000.

Berley, Jerry W.: *See—*

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Petersen, Helmuth, 4,553,253, Cl. 378-084.000.

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Berman, Daniel. Ocean thermal energy system. 4,537,030, 8-27-85, Cl. 60-641.700.

Berman, Edward. Carrier and method for providing yarn for latch hook rug kits and the like. 4,521,474, 6-4-85, Cl. 428-93.000.

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Berman, James. Teller machine enclosure. 4,513,670, 4-30-85, Cl. 109-24.100.

Berman, James. Automatic teller machine enclosure. 4,558,650, 12-17-85, Cl. 109-24.100.

Berman, Jody R.; Bertram, James L.; and Whiteside, Ross C., Jr., to Dow Chemical Company, The. Adducts of epoxy resins and amino-substituted aromatic sulfonic acid amides. 4,528,359, 7-9-85, Cl. 528-109.000.

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Berman, Oded; Eilam, Zohar; and Itzchak, Zeev B., to Ergoplic Ltd., An Israel Company. Speaking toy employing chordic input. 4,516,950, 5-14-85, Cl. 446-297.000.

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Berman, William A.: *See—*

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Allen, Francis F., 4,492,341, Cl. 239-686.000.

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Bernal, Eddie L., to Taco Operations, Incorporated. Method of making a readily portable burrito. 4,491,601, 1-1-85, Cl. 426-421.000.

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Bernard, Daniel: *See—*
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Bernard, Donald C., to Frito-Lay, Inc. Method of preparing low oil fried potato chips. 4,537,786, 8-27-85, Cl. 426-438.000.

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Bernard, Jean R.; and Breysse, Michele, to Elf France. Regeneration process of an aromatization catalyst containing a Group VIII metal on a zeolite. 4,493,901, 1-15-85, Cl. 502-37.000.

Bernard, Louis A., to Societe Nationale Industrielle et Aerospatiale. Devices for maneuvering helicopters on a ship's deck. 4,529,152, 7-16-85, Cl. 244-116.000.

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McCartney, Bernard, 4,530,620, Cl. 404-121.000.

Bernard, Michel; Balde, Daniel; Ghenassia, Elie; and Laumain, Francois, to Produits Chimiques Ugine Kuhlmann. Phosphorus-containing flame proofing compositions for synthetic materials. 4,499,222, 2-12-85, Cl. 524-123.000.

Bernard, Michel: *See—*
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Bernard, Philippe; and Prudhon, Francois, to Rhone-Poulenc Chimie de Base. Clean combustion process/apparatus. 4,526,529, 7-2-85, Cl. 431-9.000.

Bernard, Samuel, Jr., to Minnesota Mining and Manufacturing Company. Method of establishing communication. 4,521,644, 6-4-85, Cl. 179-2.0DP.

Bernard, Walter J.; and Millard, Richard J., to Sprague Electric Company. Reducing the oxygen content of tantalum. 4,508,563, 4-2-85, Cl. 75-0.5BB.

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Bullock, Wilbur W., 4,531,771, Cl. 294-104.000.

Bernardi, Adriano: *See—*
Canella, Marco; Marghinotti, Daniele; Bernardi, Adriano; and Sodini, Giancarlo, 4,551,335, Cl. 426-44.000.

Bernardi, Carl E. Automatic apparatus for downsetting lead frame strips. 4,524,601, 6-25-85, Cl. 72-422.000.

Bernardi, Carl E.: *See—*
Ross, John P.; and Bernardi, Carl E., 4,505,015, Cl. 29-116.00R.

Bernardi, Luigi; Temperilli, Aldemio; Ruggieri, Daniela; Arcari, Giuliana; and Salvati, Patricia, to Farmitalia Carlo Erba S.p.A. Ergoline derivatives. 4,500,712, 2-19-85, Cl. 546-67.000.

Bernardi, Luigi. Portable device for infusing insulin on the basis of glycemic measurements. 4,526,569, 7-2-85, Cl. 604-4.000.

Bernardi, Luigi; Lazzari, Ettore; Malnati, Maria L.; Mazzini, Giuseppe; Pegrassi, Lorenzo; and Rossi, Alessandro, to Farmitalia Carlo Erba S.p.A. Antipsycotic benzoxazines. 4,558,049, 12-10-85, Cl. 514-234.000.

Bernardo, Gerald: *See—*
Short, Edward P.; and Bernardo, Gerald, 4,522,696, Cl. 204-297.00W.

Bernardon, Jean-Michel: *See—*
Kaplan, Jean-Pierre; George, Pascal; and Bernardon, Jean-Michel, 4,492,695, Cl. 424-246.000.

Bernardoni, Luigi; and Invernizzi, Umberto, to Alfa Romeo Auto S.p.A. Diesel engine with an effective compression ratio substantially equal to the geometrical compression ratio. 4,509,466, 4-9-85, Cl. 123-52.0MF.

Bernardoni, Luigi; and D'Angelo, Domenico, to Alfa Romeo Auto S.p.A. Intake system for an internal combustion engine provided with several intake valves. 4,519,363, 5-28-85, Cl. 123-432.000.

Bernarducci, Ernest: *See—*
Paszek, Leon E.; and Bernarducci, Ernest, 4,532,066, Cl. 252-144.000.

Bernareggi, Virgilio; Bonifacio, Fausto; Margutti, Roberto; and Fano, Maurizio, to Valeas S.p.A. Spasmolytic endo-8,8-dialkyl-8-azoniabicyclo (3.2.1) octane-6,7-exo-epoxy-3-alkyl-carboxylate salts. 4,558,054, 12-10-85, Cl. 514-291.000.

Bernat, Fred, to San-Mar Laboratories, Inc. Activated silicon-containing aluminum complex flame retardant and method for flameproofing. 4,548,841, 10-22-85, Cl. 427-372.200.

Bernat, Fred B., to San-Mar Laboratories, Inc. Activated silicon-containing aluminum complex and process of preparation and use. 4,536,394, 8-20-85, Cl. 424-154.000.

Bernauer, Joachim, to Albert-Frankenthal AG. Method and device for controlling the supply of ink to the inking units of a multi-color printing press. 4,541,336, 9-17-85, Cl. 101-211.000.

Bernauer, Joachim; Dorow, Joachim; and Gobel, Primin, to Albert-Frankenthal AG. Gravure cylinder. 4,552,068, 11-12-85, Cl. 101-415.100.

Bernays, David J., Jr., to Charles Stark Draper Laboratory, Inc., The. Resettable feedback sensor. 4,495,460, 1-22-85, Cl. 324-77.00A.

Berndt, Dale F., to Particulate Instruments. Smoke opacity meter. 4,544,273, 10-1-85, Cl. 356-434.000.

Berndt, Dieter, to TRP Energy Sensors, Inc. Temperature sensing assembly. 4,491,426, 1-1-85, Cl. 374-194.000.

Berndt, Dieter R., to TRP Energy Sensors, Inc. Temperature-responsive pacifier assembly. 4,511,265, 4-16-85, Cl. 374-151.000.

Berndt, Dietmar: *See—*
Neidig, Arno; Berndt, Dietmar; Wahl, Georg; and Wittmer, Mark, 4,505,418, Cl. 228-122.000.

Berneburg, Philip L.; and Krukonis, Val J., to Babcock & Wilcox Company, The. Method for densification of ceramic materials. 4,552,786, 11-12-85, Cl. 427-249.000.

Bernel Chemical Co.: *See—*
Fogel, Arnold W.; and Zofchak, Albert, 4,537,762, Cl. 424-70.000.

Bernel Chemical Company Inc.: *See—*
Fogel, Arnold W.; and Smith, Ronald J., 4,559,226, Cl. 424-66.000.

Berner, Erling. Rotary-type heat exchanger. 4,542,782, 9-24-85, Cl. 165-9.000.

Berner, Godwin, to Ciba-Geigy Corporation. Process for the electron beam curing of coating compositions. 4,511,596, 4-16-85, Cl. 427-44.000.

Berner, Godwin; and Rutsch, Werner, to Ciba-Geigy Corporation. Process for curing acid-curable finishes. 4,540,598, 9-10-85, Cl. 427-54.100.

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Berner, Kurt, to Ecoboard Limited. Apparatus for bonding sheet material. 4,547,254, 10-15-85, Cl. 156-555.000.

Berner, Paul C., Jr.; and Brickman, Eugene L., to Vetco Offshore, Inc. Tubing suspension system. 4,561,499, 12-31-85, Cl. 166-85.000.

Berner, Victor G.: *See—*
Mitrofanov, Nicholas M.; and Berner, Victor G., 4,501,988, Cl. 313-93.000.

Bernert, Claus-Rudiger; Kirchner, Hans-Gert; and Nader, Reinhard, to Wolff Walsrode Aktiengesellschaft. Process for the continuous granulation of carboxymethyl cellulose. 4,507,473, 3-26-85, Cl. 536-86.000.

Bernert, Richard: *See—*
Damrau, Wayne A.; Vreeland, William C.; Bernert, Richard; and Wohrle, Albert, 4,534,309, Cl. 118-410.000.

Bernett, Marianne K.; Weber, David C.; and Ravner, Harold, to United States of America, Navy. Antistatic packaging material and steel substrates packaged therewith. 4,526,832, 7-2-85, Cl. 428-336.000.

Bernett, Thomas B., to Eaton Corporation. Flow control device. 4,508,144, 4-2-85, Cl. 138-45.000.

Bernfeld, Kenneth G. Adaptors for a collet chuck. 4,496,163, 1-29-85, Cl. 279-1.00A.

Bernhagen, Wolfgang; Falk, Volker; Springer, Helmut; Weber, Jurgen; Wiebus, Ernst; and Kniep, Claus, to Ruhrchemie Aktiengesellschaft. Process for preparing 3-dimethylamino-2,2-dimethylpropanal 4,515,986, 5-7-85, Cl. 564-471.000.

Bernhard, Dennis P.; Rowles, Howard C.; and Teichman, Robert L., to Air Products and Chemicals, Inc. Process for recovering C_4+ hydrocarbons using a dephlegmator. 4,519,825, 5-28-85, Cl. 62-28.000.

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Forster, Rolf, 4,545,760, Cl. 433-18.000.

Bernhard, Horst; and Esselborn, Reiner, to Merck Patent Gesellschaft mit beschrankter Haftung. Nacreous pigments, their preparation and use. 4,494,993, 1-22-85, Cl. 106-291.000.

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Bernhardson, Gary E. Cross country ski binding. 4,557,498, 12-10-85, Cl. 280-615.000.

Bernhardsson, Goran; and Jargell, Tomas. Method and a device for mixing and homogenization of a main substance with at least one additive substance, liquids in particular. 4,498,784, 2-12-85, Cl. 366-134.000.

Bernhardt, Anthony F., to Spectra-Physics, Inc. Noise reduction in laser amplifiers. 4,551,684, 11-5-85, Cl. 330-4.300.

Bernhardt, Daniel. Anti-spill recloseable container. 4,555,043, 11-26-85, Cl. 220-306.000.

Bernhardt, Daniel. Tamperproof food package. 4,555,056, 11-26-85, Cl. 229-45.00R.

Bernhardt, Frederick W.; and Schott, John E. Mine roof anchor bolt. 4,556,350, 12-3-85, Cl. 411-10.000.

Bernhardt, Siegfried: *See—*
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Bernhardt, Terry L., to U.S. Currency Protection Corp. Dual signal electromagnetic article theft detector. 4,511,888, 4-16-85, Cl. 340-571.000.

Bernhardt, Terry L., to U.S. Currency Protection Corp. Antitheft system with digitally coded signal. 4,559,529, 12-17-85, Cl. 340-571.000.

Bernhart, Claude; Cautreels, Werner; and Gautier, Patrick, to Sanofi. Derivatives of γ-butyrolactone with an anti-arythmic activity and compositions. 4,542,134, 9-17-85, Cl. 514-236.000.

Berni, Albert J., to Shell Oil Company. Marine seismic system. 4,520,467, 5-28-85, Cl. 367-24.000.

Bernicot, Michel: *See—*
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Bernin, Victor M. Noncontacting keyboard employing a transformer element. 4,494,109, 1-15-85, Cl. 340-365.00L.

Bernle, Gote L., to Tetra Pak International AB. Arrangement for the raising and transporting of packing container blanks. 4,493,687, 1-15-85, Cl. 493-310.000.

Bernon, Roland: *See—*
- Bothorel, Pierre; Bernon, Roland; and Gabriel, Guy, 4,549,812, Cl. 366-142.000.

Bernou, Joseph; and Sguazzi, Georges, to La Soudure Autogene Francaise. Aligning and welding sheet plate edges. 4,506,821, 3-26-85, Cl. 228-5.700.

Berns, Harald, to Johann Knupp GmbH & Co. Device for marking the height above the floor of the edges of articles of clothing. 4,534,501, 8-13-85, Cl. 227-65.000.

Bernstein, Benjamin T.; Bock, Thomas J.; Toman, George M.; and Bhatia, Chandrakant, to Union Special Corporation. Modularized Cardan sewing machine. 4,516,512, 5-14-85, Cl. 112-165.000.

Bernstein, Benjamin T.; and Toman, George M., to Ben Bernstein & Associates. Knife sharpener. 4,528,777, 7-16-85, Cl. 51-40.000.

Bernstein, David H.: *See—*
- Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
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- Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
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- Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.

Bernstein, Ira M. Dental appliance having enhanced occlusal durability. 4,541,800, 9-17-85, Cl. 433-6.000.

Bernstein, Joel E., to Elorac, Ltd. Method of treating acne vulgaris and composition. 4,505,896, 3-19-85, Cl. 424-164.000.

Bernstein, Joel E. Method and composition for treating and preventing irritation of the eyes. 4,505,909, 3-19-85, Cl. 514-217.000.

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Bernstein, Kerry, to International Business Machines Corporation. Multi-port register implementations. 4,558,433, 12-10-85, Cl. 365-189.000.

Bernstein, Larry H. Malate dehydrogenase method. 4,543,327, 9-24-85, Cl. 435-26.000.

Bernstein, Lawrence, to AT&T Bell Laboratories. Fast response for switched data networks. 4,555,774, 11-26-85, Cl. 364-900.000.

Bernstein, Lawrence S.; Bien, Fritz; and Jamieson, John A., to Spectral Sciences Incorporated. System and method for remote detection and identification of chemical species by laser initiated nonresonant infrared spectroscopy. 4,496,839, 1-29-85, Cl. 250-341.000.

Bernstein, Peter R.; and Willard, Alvin K., to ICI Americas Inc. Pharmaceutically active phenylcarboxylic acid derivatives. 4,499,299, 2-12-85, Cl. 514-570.000.

Bernstein, Pierre: *See—*
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Bernstein, Victor H., to Tri County Tool Inc., a part interest. Manually operable universal key code cutting device. 4,525,908, 7-2-85, Cl. 29-76.00C.

Bernt, Erich: *See—*
- Scheibe, Peter; Bernt, Erich; and Klose, Sigmar, 4,517,287, Cl. 435-4.000.

Bernt, Paul, to Siemens Aktiengesellschaft. Contact arrangement for vacuum switches. 4,532,391, 7-30-85, Cl. 200-144.00B.

Berntsen, Inc.: *See—*
- Rushing, William C., 4,502,258, Cl. 52-103.000.

Bernuchon, Marc; Pompei, Michel; and Gregoire, Daniel, to Hutchinson. Hydraulic membrane shock absorbers. 4,511,126, 4-16-85, Cl. 267-140.100.

Bero, Vernon L.; and Schultz, Fredrick W., to Gold Bond Ice Cream, Inc. Apparatus for the manufacture of ice cream sandwiches. 4,537,121, 8-27-85, Cl. 99-450.400.

Bero, Vernon L.: *See—*
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Berol Kemi AB: *See—*
- Alvryd, Karl B. G.; Elsby, Leif E.; and Uneback, Hans I., 4,548,647, Cl. 106-164.000.
- Hellsten, Karl M. E., 4,545,898, Cl. 209-166.000.
- Mathiesen, Mait M.; Gillberg, Lars I.; Hellsten, Karl M. E.; and Karlsson, Gunvor B. T., 4,496,367, Cl. 44-51.000.
- Mathiesen, Mait M.; Gillberg, Lars I.; Hellsten, Karl M. E.; and Karlsson, Gunvor B. T., 4,549,881, Cl. 44-51.000.

Berrebi, Georges, to Eurecat-Europeenne de Retraitement de Catalyseurs. Process of presulfurizing catalysts for hydrocarbons treatment. 4,530,917, 7-23-85, Cl. 502-220.000.

Berrebi, Georges, to Eurecat-Europeene de Retraitement de Catalyseurs. Process for the transportation through an elongate chamber and electromagnetic radiation heating of granulated material. 4,551,437, 11-5-85, Cl. 502-5.000.

Berrehail, Mohamed. Orthopedic vest for support and restrainment in the treatment of subjects to trauma and surgery of the shoulder, scapular arch and upper limb. 4,550,724, 11-5-85, Cl. 128-133.000.

Berreman, Dwight W.; and Heffner, William R., to AT&T Bell Laboratories. Bistable liquid crystal twist cell. 4,505,548, 3-19-85, Cl. 350-346.000.

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Berrer, Dagmar: *See—*
- Szczepanski, Henry; and Berrer, Dagmar, 4,523,947, Cl. 71-93.000.

Berres, James J.: *See—*
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Berrey, Harry R.; and Caulier, Paul W., to Genicom Corporation. Bi-directional drive print wire actuator with forward-velocity and reverse-position closed loop feedback control. 4,523,867, 6-18-85, Cl. 400-124.000.

Berrey, Harry R.: *See—*
- Bittner, John R.; Berrey, Harry R.; and Billings, Ralph S., 4,504,051, Cl. 270-40.000.

Berridge, Lawrence F., Jr.; and Novini, Amir R., to Inspection Technology Inc. Video image compensator for inspection apparatus. 4,491,868, 1-1-85, Cl. 358-139.000.

Berry, Alan J.: *See—*
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Berry, C. Bernard, to Ethyl Corporation. Process for producing acyloxybenzenesulfonate salts. 4,544,503, 10-1-85, Cl. 260-402.000.

Berry, Christopher: *See—*
- Abbott, James B.; Kohn, Ernest O.; Berry, Christopher; and Slade, Mark N., 4,512,172, Cl. 72-68.000.

Berry, David J.: *See—*
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Berry, Desmond J.: *See—*
Meyers, Graham J.; Hudson, Barry L.; and Berry, Desmond J., 4,546,787, Cl. 137-119.000.

Berry, James A.; and Sherman, Morton, to Celotex Corporation, The. Structure for retrofitting corrugated building exteriors. 4,494,343, 1-22-85, Cl. 52-309.110.

Berry, James A.; Sherman, Morton; and Stevenson, John W., to Celotex Corporation, The. Foam slabs in mine tunnel stoppings. 4,516,879, 5-14-85, Cl. 405-132.000.

Berry, James B.; and Spector, George. Ear frame. 4,534,185, 8-13-85, Cl. 63-1.00R.

Berry, Jean-Luc, to S.I.C.A. Pulposec de Chevrieres. Continuous press, in particular for pressing beet pulp and other juice-containing materials. 4,499,823, 2-19-85, Cl. 100-121.000.

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Ashman, Glynn; Berry, Kelvin T.; and Winterbottom, Martin E., 4,524,677, Cl. 92-168.000.

Berry, Kenneth W., to Beloit Corporation. Supercalender NIP relieving arrangement. 4,510,859, 4-16-85, Cl. 100-35.000.

Berry, Larry R.; and Richert, Anton S., to Sun Studs, Inc. Veneer lathe. 4,494,588, 1-22-85, Cl. 144-209.00R.

Berry, Michael J.: *See—*
Reddy, Kammalathinna V.; and Berry, Michael J., 4,519,882, Cl. 204-158.00R.

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Berry, Paul S.; Kettlewell, Peter J.; and Turner, Michael J. B., to National Research Development Corporation. Poultry-harvesting assembly. 4,508,062, 4-2-85, Cl. 119-82.000.

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Berry, William W., to International Minerals & Chemical Corp. Recovery of uranium from a mixture of western uranium ore and phosphate rock. 4,545,962, 10-8-85, Cl. 423-20.000.

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Bersheim, Thomas. Game control apparatus. 4,491,325, 1-1-85, Cl. 273-148.00B.

Bersier, Jacques: *See—*
Burli, Martin; Bersier, Jacques; Plattner, Eric; and Herrmann, Hans-Ulrich, 4,559,176, Cl. 260-352.000.

Berson, Leo A.: *See—*
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Berstein, Garri; Hansen, Willi; and Winkens, Rudolf, to Wilhelm Hegenscheidt Gesellschaft mbH. Method for setting the stroke of movable rolling units, and crankshaft rolling machine for implementing said method. 4,539,831, 9-10-85, Cl. 72-110.000.

Berstein, Garri; and Bagusche, Siegfried, to Wilhelm Hegenscheidt Gesellschaft mbH. Rolling tool. 4,542,565, 9-24-85, Cl. 29-90.00R.

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Berstein, Patrick. Transaction terminal with simplified data entry. 4,532,416, 7-30-85, Cl. 235-379.000.

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Berstermann, Wilhelm; Grisar, Ulrich; and Koerfer, Egon, to Klockner-Werke Aktiengesellschaft. Apparatus for the spectrographic analysis of workpieces formed from iron and steel alloys. 4,544,270, 10-1-85, Cl. 356-313.000.

Berstermann, Wilhelm, to Klockner-Werke Aktiengesellschaft. Process and apparatus for the emission-spectroscopical testing of metallic samples. 4,556,315, 12-3-85, Cl. 356-313.000.

Bert, Alain, to Thomson-CSF. Hyperfrequency power oscillator. 4,528,524, 7-9-85, Cl. 331-56.000.

Bert, Georges: *See—*
Nuzillat, Gerard; and Bert, Georges, 4,514,649, Cl. 307-450.000.

Bert, Jack A.; and Olsen, R. Eric, to Chevron Research Company. Dynamic methods and apparatus for reducing octane requirement increase. 4,517,943, 5-21-85, Cl. 123-415.000.

Bert, James D.; and Cynamon, Nathan, to American Device Manufacturing Company. Compound lock for baggage or parcel lockers and the like. 4,528,829, 7-16-85, Cl. 70-389.000.

Bert Moore Sales, Inc.: *See—*
Todd, Dale, 4,502,610, Cl. 220-346.000.

Bert, Stephen F., to Textron, Inc. Non-expansible linkage bracelet. 4,503,665, 3-12-85, Cl. 59-82.000.

Bertails, Jean C., to Societe pour l'Etude et la Fabrication de Circuits Integres Speciaux E.F.C.I.S. High-pass filter of the first order and application thereof to telephony. 4,524,425, 6-18-85, Cl. 364-825.000.

Bertani, Alberto; Mariani, Piercarlo; and Lissoni, Davide, to Elesa S.p.A. Tipping handle for control handwheels. 4,552,034, 11-12-85, Cl. 74-547.000.

Bertasz, Robert N.: *See—*
Calfee, Richard V.; Bertasz, Robert N.; Terry, Reese S., Jr.; Gordon, Pat L.; and Baker, Ross G., Jr., 4,539,992, Cl. 128-419.0PG.

Bertaud, Francois X.; and Siedler, Hans J., to Abbott Laboratories. Sterile solution container. 4,494,663, 1-22-85, Cl. 215-232.000.

Bertaud, Yves: *See—*
Keinborg, Maurice; Varin, Philippe; Bertaud, Yves; and Leroy, Michel, 4,532,017, Cl. 204-67.000.

Berte, Francois, to Societe Anonyme des Etablissements Jouvenel et Cordier. Electrovalve. 4,494,573, 1-22-85, Cl. 137-625.500.

Berte, Marc; Bidard, Louis; and Lechopier, Serge, to Compagnie d'Electronique et de Piezo-Electricite. High-frequency piezoelectric resonator with reinforced electrode connection. 4,517,485, 5-14-85, Cl. 310-320.000.

Bertec Inc.: *See—*
Therrien, Gaston, 4,509,217, Cl. 5-430.000.

Bertellotti, Ansano; and Traina, Anthony, to GTE Communication Systems Corporation. Printed wiring board file with variable printed wiring board spacings. 4,538,211, 8-27-85, Cl. 361-415.000.

Bertels, Augustinus W. M., to Nagron Steel and Aluminium B.V. Solar energy system and solar heat collector. 4,527,545, 7-9-85, Cl. 126-433.000.

Bertels, Augustinus W. M., to Transinvest B.V. Device for converting wind energy into another form of energy. 4,550,259, 10-29-85, Cl. 290-55.000.

Bertelsen, Corey A.: *See—*
Farnham, Robert A.; Zestar, Lawrence P.; and Bertelsen, Corey A., 4,495,058, Cl. 208-11.00R.

Bertelsen, Per M., to Kemotron A/S. Process for controlling the properties of white liquor. 4,536,253, 8-20-85, Cl. 162-30.110.

Bertelsen, William R. Segmented air-track apparatus. 4,530,545, 7-23-85, Cl. 305-16.000.

Bertelson, Peter C.: *See—*
Bush, John W.; and Bertelson, Peter C., 4,519,591, Cl. 267-148.000.

Bertero, Mario; and Pike, Edward R., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Diffraction limited imaging systems. 4,549,204, 10-22-85, Cl. 358-93.000.

Berthel, Robert O. Heavy rain rate warning indicator. 4,504,823, 3-12-85, Cl. 340-602.000.

Berthel, Robert O.; Plank, Vernon G.; Jones, Stephen H.; and Matthews, Anthony J., to United States of America, Air Force. Fall velocity indicator/viewer. 4,514,758, 4-30-85, Cl. 358-93.000.

Berthel, Robert O.; Plank, Vernon G.; and LaGross, Dennis L., to United States of America, Air Force. Apparatus for continuously inspecting the physical characteristics of particulate matter. 4,561,018, 12-24-85, Cl. 358-107.000.

Berthel, Robert O.: *See—*
Plank, Vernon G.; Matthews, Anthony J.; Berthel, Robert O.; and LaGross, Dennis L., 4,499,761, Cl. 73-170.00R.

Berthelot, Daniel; and Girerd, Jean-Paul, to S.A. Martin. Device for instantaneously changing the gluing width of a web of paper in the manufacture of corrugated cardboard, and process for use of such a device. 4,549,924, 10-29-85, Cl. 156-470.000.

Berthelsen, Ernst R., to Bates Ventilsakke Co. A/S; and Windmoller & Holscher. Apparatus for folding paper sacks to Z shape. 4,540,396, 9-10-85, Cl. 493-447.000.

Berthet, Jeanne; Blin, Marie-Francoise; Gaussens, Gilbert; and Noaillac, Jean R., to Commissariat a l'Energie Atomique. Conditioning device for hydrosoluble fertilizers and/or other products. 4,557,749, 12-10-85, Cl. 71-64.110.

Berthet, Pierre: *See—*
Bricot, Claude; Berthet, Pierre; Mertz, Bruno; and Gerard, Jean-Louis, 4,556,966, Cl. 369-52.000.
Bricot, Claude; Berthet, Pierre; and Gerard, Jean-Louis, 4,562,564, Cl. 369-44.000.
Gerard, Jean-Louis; Bricot, Claude; and Berthet, Pierre, 4,553,228, Cl. 369-46.000.
Gerard, Jean-Louis; Berthet, Pierre; Bricot, Claude; and Audoin, Michel, 4,561,082, Cl. 369-45.000.

Berthiaume, William J. Mechanical seal. 4,558,873, 12-17-85, Cl. 277-96.100.

Berthold, John W., III; and Fitzgerald, Charles S., to Babcock & Wilcox Company, The. Image collection and object illumination. 4,536,827, 8-20-85, Cl. 362-32.000.

Berthold, Rainer; and Strietzel, Rainer, to Brown, Boveri & Cie AG. Identification card. 4,506,148, 3-19-85, Cl. 235-380.000.

Berthold, Rainer: *See—*
Koerner, Hans-Gerhard; Lang, Helmut; Berthold, Rainer; Strietzel, Rainer; and Melchior, Friedrich, 4,495,851, Cl. 89-6.500.

Berthold, Richard, to Sandoz Ltd. Pharmaceutical compositions effective against coronary heart disease and hypertension. 4,510,150, 4-9-85, Cl. 514-338.000.

Berthold, Robert V.: *See—*
Ward, Carl E.; and Berthold, Robert V., 4,497,650, Cl. 71-93.000.

Berthold, Rudiger, to Hoechst Aktiengesellschaft. Process for the preparation of arylhydrazine-N-sulfonic acids. 4,504,424, 3-12-85, Cl. 260-513.600.

Berthold, Rudiger, to Hoechst Aktiengesellschaft. Process for the preparation of aryldiazosulfonates. 4,515,940, 5-7-85, Cl. 534-565.000.

Bertholet, Raymond; and Hirsbrunner, Pierre, to Nestec S.A. Preparation of serotonine and derivatives. 4,506,080, 3-19-85, Cl. 548-504.000.

Bertholet, Raymond: *See—*
Hirsbrunner, Pierre; and Bertholet, Raymond, 4,530,799, Cl. 260-501.130.

Berthollet, Pierre, to Societe A.C.B. Shrub-lifting machine with piston controlled anchor. 4,494,325, 1-22-85, Cl. 37-2.00R.

Berthonnier, Jean-Yves: *See—*

Badon, Aime ; Berthonnier, Jean-Yves; and Mounier, Claude, 4,562,319, Cl. 200-144.0AP.

Berthou, Jan-Olov K.: *See—*

Ohlsson, Stig L.; and Berthou, Jan-Olov K., 4,494,964, Cl. 51-296.000.

Berti, Alfredo; Mussati, Werther; and Bruschi, Roberto, to Snamprogetti S.p.A. Thermally insulated pipe for the construction of underwater pipelines. 4,560,188, 12-24-85, Cl. 285-47.000.

Berti, Eugenio, to Burroughs Corporation. Motor control for data disc rotating systems. 4,494,058, 1-15-85, Cl. 318-372.000.

Berti, Eugenio, to Memorex Corporation. Disk drive positioning system providing fault-free protection against endstop head crashes by use of a passive network in the actuator driving signal path. 4,553,181, 11-12-85, Cl. 360-75.000.

Berti, Jerome L.; and Patchen, Paul J., to Allis-Chalmers Corporation. Oil ring assembly with annular expander spring. 4,497,497, 2-5-85, Cl. 277-163.000.

Bertiger, Bary R., to Motorola, Inc. Wave soldering in a reducing atmosphere. 4,538,757, 9-3-85, Cl. 228-180.100.

Bertiller, Roland; Kellner, Gerd; and Peter, Bernhard, to Mauser-Werke Oberndorf GmbH. Two-barrel revolver-type firearm. 4,561,340, 12-31-85, Cl. 89-127.000.

Bertiller, Roland: *See—*

Politzer, Anton; and Bertiller, Roland, 4,535,676, Cl. 89-14.100.

Bertin & Cie: *See—*

Boy-Marcotte, Jean-Louis M. R.; Dahan, Gilbert M. I.; Dancette, Michel; Le Nabour, Marcel P.; Pellerin, Jean-Francois G. A.; Rivallin, Jose; and Jannot, Marcel A. J., 4,511,805, Cl. 290-2.000.

Boy-Marcotte, Jean-Louis M. R.; Chastang, Georges J.; Salvaire, Laurent O.; and Burnouf, Christian D., 4,515,148, Cl. 126-438.000.

Collard, Maurice; and De Goncourt, Louis, 4,557,500, Cl. 280-669.000.

Schlegel, Raymond F.; Bourassin, Rene P.; and Lapautre, Michel A., 4,508,530, Cl. 494-49.000.

Bertin, Claude L.: *See—*

Bansal, Jai P.; Bertin, Claude L.; and Troutman, Ronald R., 4,555,721, Cl. 357-42.000.

Bertin, Jean; and Frost, Jonathan R., to Synthelabo. Therapeutically useful 3,7a-diazacyclohepta[j,k]fluorene derivatives. 4,503,058, 3-5-85, Cl. 514-214.000.

Bertin, Patrice, to Valeo. Power-assisted steering device for motor vehicles. 4,492,283, 1-8-85, Cl. 180-148.000.

Bertinger, Roland: *See—*

Erben, Edwin; Muhlratzer, August; Bertinger, Roland; Cornils, Boy; Tihanyi, Bela; and DeWin, Werner, 4,551,328, Cl. 423-607.000.

Bertini, Carlo; and Bruni, Aldo, to AMP Incorporated. Electrical connector with alternative cable exits. 4,549,780, 10-29-85, Cl. 339-107.000.

Bertini, Millo. Target-pigeon launcher. 4,508,093, 4-2-85, Cl. 124-1.000.

Bertkau, Geoffrey H.: *See—*

Mizerak, Robert J.; Bertkau, Geoffrey H.; Line, William F.; and Chicoye, Etzer, 4,528,198, Cl. 426-16.000.

Bertland, Alexander U.; and Lampson, George P., to Merck & Co., Inc. Herpes simplex type I subunit vaccine. 4,540,669, 9-10-85, Cl. 435-235.000.

Bertocci, Guido; and Walters, Stephen M., to AT&T Bell Laboratories. Bit compression multiplexer. 4,519,073, 5-21-85, Cl. 370-118.000.

Bertolacini, Ralph J.; Hirschberg, Eugene H.; and Modica, Frank S., to Standard Oil Company (Indiana). Composition for removing sulfur oxides from a gas. 4,497,902, 2-5-85, Cl. 502-65.000.

Bertolacini, Ralph J.; Hirschberg, Eugene H.; and Modica, Frank S., to Standard Oil Company, The. Catalyst for removing sulfur oxides from a gas. 4,542,116, 9-17-85, Cl. 502-65.000.

Bertolazzi, Luciano F.: *See—*

Laverman, Royce J.; and Bertolazzi, Luciano F., 4,543,978, Cl. 137-255.000.

Bertoldo, Gene: *See—*

Intrater, Josef; and Bertoldo, Gene, 4,535,029, Cl. 428-408.000.

Bertolet, Roy D.: *See—*

Hughes, Howard C.; and Bertolet, Roy D., 4,497,849, Cl. 427-120.000.

Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, to Officine Savio S.p.A. Procedure to splice yarns. 4,539,802, 9-10-85, Cl. 57-22.000.

Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, to Officine Savio S.p.A. Splicer device to splice textile yarns mechanically. 4,545,191, 10-8-85, Cl. 57-22.000.

Bertolini, Guglielmo: *See—*

Greco, Alberto; and Bertolini, Guglielmo, 4,518,766, Cl. 528-370.000.

Greco, Alberto; Bertolini, Guglielmo; and Zavattini, Omero, 4,524,187, Cl. 525-332.100.

Bertolino, Renee Z. Battery charge indicator. 4,497,881, 2-5-85, Cl. 429-91.000.

Berton, Antonio: *See—*

Gubitosa, Giuseppe; Berton, Antonio; Pernicone, Nicola; and Vidotto, Graziano, 4,522,931, Cl. 502-150.000.

Bertotti, Elvio: *See—*

Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,783, Cl. 252-628.000.

Bertram, Dieter: *See—*

Loth, Fritz; Dautzenberg, Horst; Stamberg, Jiri ; Peska, Jan; Bertram, Dieter; and Lettau, Herbert, 4,536,217, Cl. 106-122.000.

Bertram, James L.: *See—*

Berman, Jody R.; Bertram, James L.; and Whiteside, Ross C., Jr., 4,528,359, Cl. 528-109.000.

Wang, Chun S.; Pham, Ha Q.; and Bertram, James L., 4,499,255, Cl. 528-95.000.

Bertram, Leo; and Schemmann, Hugo, to U.S. Philips Corporation. Electric motor having a stator iron of a bent shape. 4,503,346, 3-5-85, Cl. 310-49.00R.

Bertram, Leo; Schemmann, Hugo; and de Boer, Jan, to U.S. Philips Corporation. Electric motor having a U-shaped stator iron. 4,554,471, 11-19-85, Cl. 310-49.00R.

Bertram, Leo: *See—*

Schemmann, Hugo; and Bertram, Leo, 4,500,825, Cl. 318-792.000.

Bertram, Rick V., to Union Oil Company of California. Process for recovering carbonaceous and sulfur-containing particles from a retort. 4,519,874, 5-28-85, Cl. 201-39.000.

Bertrand, Andre: *See—*

Stahl, Andre; Munier, Daniel; and Bertrand, Andre, 4,502,022, Cl. 331-68.000.

Bertrand, Claude, to Centre National de la Recherche Scientifique. Method of controlling a combustion flame. 4,538,979, 9-3-85, Cl. 431-12.000.

Bertrand, Claude: *See—*

Nebon, Jean-Pierre; Barnel, Pierre; Denis, Robert; and Bertrand, Claude, 4,549,242, Cl. 361-115.000.

Bertrand, Gilles: *See—*

Reymond, Jean-Claude; Bertrand, Gilles; and Gabanou, Roland, 4,494,201, Cl. 364-449.000.

Bertrand, Jean-Noel; and Castelein, Jean, to Montefina S.A. Polymer compositions. 4,525,533, 6-25-85, Cl. 525-98.000.

Bertrand, Philippe, to Labavia-S.G.E. Improvements to mounting electric retarders onto a gear casing of a vehicle. 4,491,755, 1-1-85, Cl. 310-93.000.

Bertrand, Pierre C.; and De Paepe, Thijlbert C., to Sereg, S.A. Measuring apparatus having a sensor located remotely from its electricity power supply. 4,532,510, 7-30-85, Cl. 340-870.390.

Bertsch, Carl F., to Exxon Research & Engineering Co. Passivation of cracking catalysts with cadmium and tin. 4,504,381, 3-12-85, Cl. 208-113.000.

Bertsch, Carl F., to Exxon Research & Engineering Co. Passivation of cracking catalysts. 4,522,704, 6-11-85, Cl. 208-113.000.

Bertsch, Gotthilf; and Braun, Josef, to Maschinenfabrik Sulzer-Ruti AG. Weaving machine. 4,552,187, 11-12-85, Cl. 139-434.000.

Bertsch, Hermann: *See—*

Bittner, Franz; Poortman, Boudewijn J.; Rademacher-Dubbick, Kristian; Roskam, Abram K.; Stevens, Udo; Tromp, Wouter T.; Beisler, Walter; Bock, Seigfried; and Bertsch, Hermann, 4,507,975, Ci. 73-861.120.

Bertsch, Jack, to Polytronics, Inc. Electrical connector device. 4,500,160, 2-19-85, Cl. 339-166.00R.

Bertsch, Ludo A.: *See—*

Dodds, David E.; and Bertsch, Ludo A., 4,525,845, Cl. 375-36.000.

Dodds, David E.; and Bertsch, Ludo A., 4,534,038, Cl. 375-36.000.

Dodds, David E.; and Bertsch, Ludo A., 4,534,039, Cl. 375-36.000.

Bertsch, Peter K., to Helix Technology Corporation. Refrigeration system with clearance seals. 4,543,792, 10-1-85, Cl. 62-6.000.

Bertsch, Peter K., to Helix Technology Corporation. Balanced integral Stirling cryogenic refrigerator. 4,550,571, 11-5-85, Cl. 62-6.000.

Bertsch, Richard; Gunther, Dieter; and Steinbrenner, Ulrich, to Robert Bosch GmbH. Metering device for an internal combustion engine. 4,492,204, 1-8-85, Cl. 123-489.000.

Bertschinger, Hans: *See—*

Schmid, Walter A.; and Bertschinger, Hans, 4,557,627, Cl. 405-146.000.

Bertus, Brent J.; and McKay, Dwight L., to Phillips Petroleum Company. Liquid treating agent for cracking catalyst. 4,562,167, 12-31-85, Cl. 502-100.000.

Bertus, Brent J.: *See—*

Mark, Harold W.; Bertus, Brent J.; Roberts, John S.; McKay, Dwight L.; and Fenska, Lyle E., 4,535,066, Cl. 502-62.000.

Bertz, Hans-Ulrich: *See—*

Meder, Willi; Bertz, Hans-Ulrich; and Golder, Peter, 4,519,141, Cl. 33-179.50R.

Beru-Werk, Albert Ruprecht, GmbH & Co. KG, Firma: *See—*

Bauer, Paul, 4,556,781, Cl. 219-270.000.

Berube, Gilles, to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. 2.75 Inch plastic warhead. 4,498,396, 2-12-85, Cl. 102-529.000.

Beruto, Marco; Luzzi, Antonio; and Ramello, Piero, to Minnesota Mining and Manufacturing Company. Gelatin silver halide photographic elements for tanning development. 4,504,572, 3-12-85, Cl. 430-264.000.

Berutti, Giampiero, to SPM S.p.A. Delineator pole, more particularly for skiing race courses, having a pivotable arrangement. 4,491,438, 1-1-85, Cl. 404-10.000.

Berweger, Manfred. Multi-component delivery apparatus. 4,494,676, 1-22-85, Cl. 222-63.000.

Berwick, James D.; and Lam, Kyle T., to Verbatim Corporation. Magnetic media test fixture apparatus. 4,504,871, 3-12-85, Cl. 360-31.000.

Berwind Corporation: *See—*

Brenton, Ronald G.; and Runck, Robin B., 4,499,640, Cl. 29-25.410.

  Fathauer, George H.; and Hood, Charles F., 4,499,766, Cl. 73-304.00C.

  Fathauer, George H.; Hood, Charles F.; and Runck, Robin B., 4,499,767, Cl. 73-304.00C.

  Fathauer, George H.; and Hood, Charles F., 4,555,941, Cl. 73-304.00C.

  Fleckenstein, Phillip P., 4,499,641, Cl. 29-25.410.

  Fleckenstein, Phillip P., 4,549,245, Cl. 361-284.000.

Bery, Yuri A., to Weyerhaeuser Company. Structural and surface properties tester for paper. 4,541,273, 9-17-85, Cl. 73-150.00R.

Besasie, Joseph C.: *See—*

  Baran, Michael S.; Besasie, Joseph C.; Warren, Wayne L.; and Montgomery, Allen W., 4,517,418, Cl. 179-156.00R.

Besch, Creighton J., to Conveyor Sales & Mfg. Co. Chain conveyor. 4,545,477, 10-8-85, Cl. 198-841.000.

Beschke, Helmut: *See—*

  Bergstein, Wolfgang; Friedrich, Heinz; Kleemann, Axel; Prescher, Gunther; and Beschke, Helmut, 4,496,729, Cl. 544-336.000.

Besecke, Siegmund; Schroder, Gunter; Ude, Werner; and Wunderlich, Winfried, to Rohm GmbH. Polyarylene ethers containing phosphorus. 4,492,805, 1-8-85, Cl. 568-012.000.

Besecke, Siegmund; Siegert, Hermann-Josef; and Schroder, Gunter, to Rohm GmbH. Method for making isobutyric acid or esters thereof. 4,504,675, 3-12-85, Cl. 560-233.000.

Besecke, Siegmund; and Schroder, Gunter, to Rohm GmbH Chemische Fabrik. Process for preparing cross-linked acrylic elastomers. 4,562,234, 12-31-85, Cl. 526-241.000.

Beseda, Viliam: *See—*

  Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.

Besedin, Vladlen L.: *See—*

  Dzjuba, Vladimir F.; Besedin, Vladlen L.; and Birjukov, Boris N., 4,538,474, Cl. 74-63.000.

Besemann, Alfred, to E.C.H. Will (GmbH & Co.). Apparatus for accumulating stacks of paper sheets or the like. 4,523,502, 6-18-85, Cl. 83-71.000.

Beseme, Jean H.; Corral, Jose R.; and Glotin, Bernard J., to Schlumberger Technology Corporation. Apparatus for measuring the internal dimensions of a tube, notably in a well, and displacement measurement method applicable to such an apparatus. 4,559,709, 12-24-85, Cl. 33-178.00F.

Besenhard, Jurgen O.; Wudy, Erich; and Fritz, Heinz P., to Varta Batterie Aktiengesellschaft. Lithium battery electrode frame. 4,547,442, 10-15-85, Cl. 429-209.000.

Beshty, Bahjat S.; Hatfield, W. Robert; Lee, Hyo C.; Heck, Ronald M.; and Hsiung, Thomas H., to Engelhard Corporation. Method for recovering platinum in a nitric acid plant. 4,526,614, 7-2-85, Cl. 75-83.000.

Besic, Frank C., to University Patents, Inc. Food materials for prevention of carious degradation of teeth. 4,515,770, 5-7-85, Cl. 424-49.000.

Besier, Horst-Erich: *See—*

  Andrae, Klaus; Hutschenreuter, Elfriede; and Besier, Horst-Erich, 4,562,101, Cl. 428-36.000.

Beskid, George: *See—*

  Behl, Charanjit; Beskid, George; Shah, Navnit; Tossounian, Jacques; and Unowsky, Joel, 4,525,339, Cl. 424-16.000.

Bessac, Michel, to Foncages et Forages Bessac, S.A. Machine for making underground galleries. 4,508,390, 4-2-85, Cl. 299-33.000.

Bessaguet, Louis: *See—*

  Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, 4,500,272, Cl. 425-78.000.

  Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, 4,500,280, Cl. 425-569.000.

Bessay, Raymond; and Riollet, Gilbert, to Alsthom-Atlantique. Guide blade set for diverging jet streams in a steam turbine. 4,500,256, 2-19-85, Cl. 415-191.000.

Bessay, Raymond: *See—*

  Riollet, Gilbert; and Bessay, Raymond, 4,500,070, Cl. 251-282.000.

Besselman, Thomas P., to NCR Corporation. Thermal magnetic transfer ribbon. 4,533,596, 8-6-85, Cl. 428-341.000.

Besser Company: *See—*

  Kaschner, William C.; and Bobolts, Elroy, Jr., 4,505,630, Cl. 414-152.000.

  Kaschner, William C.; and Bobolts, Elroy, Jr., 4,553,893, Cl. 414-152.000.

  Wauhop, Billy J., Jr.; and Stratz, Willard W., 4,531,304, Cl. 34-30.000.

Besser Industries, Inc.: *See—*

  Salts, Thomas R., 4,498,831, Cl. 414-46.000.

Bessette, Richard P. Convertible hopper car. 4,543,888, 10-1-85, Cl. 105-377.000.

Bessho, Hironori; Takano, Yuuichi; and Aoyama, Katsuhiko, to Toyota Jidosha Kabushiki Kaisha. Method of and system for controlling restart of engine. 4,528,963, 7-16-85, Cl. 123-491.000.

Bessho, Yoshinori: *See—*

  Yanagi, Toshiaki; and Bessho, Yoshinori, 4,498,403, Cl. 112-121.120.

Bessinger, Walter L.; and Hoffman, Keith A., to Knape & Vogt Manufacturing Company. Drawer slide apparatus. 4,549,774, 10-29-85, Cl. 308-3.800.

Bessman, Samuel P., to Spectrum Medical Industries, Inc. Tissue pulverizer. 4,509,695, 4-9-85, Cl. 241-2.000.

Besson, Bernard; and Guernet, Jacques, to Societe Anonyme de Vehicules Industriels et d'Equipements Mecaniques (SAVIEM). Hydromechanical transmission comprising a hydrokinetic coupler when necessary in particular for direction of tracked vehicles. 4,548,098, 10-22-85, Cl. 74-687.000.

Besson, Duilio; De Marco, Claudio; Peruzzo, Roberto; and Ardit, Giuseppe, to Industrie Zanussi S.p.A. Control device for refrigerating equipment. 4,535,599, 8-20-85, Cl. 62-154.000.

Besson, Raymond: *See—*

  Valdois, Michel; Maitre, Pierre; Besson, Raymond; and Boy, Jean-Jacques, 4,547,691, Cl. 310-361.000.

Besson, Raymond J.; Boy, Jean-Jacques; and Valentin, Jean-Pascal, to Schlumberger Technology Corporation. Piezoelectric transducer, notably for pressure measurement. 4,562,375, 12-31-85, Cl. 310-338.000.

Besson, Rene ; and Guerin, Yves, to ETA S.A., Fabriques d'Ebauches. Control device for two bidirectional step motors. 4,558,268, 12-10-85, Cl. 318-696.000.

Best, Christopher H.; and Seilly, Alec H., to Lucas Industries Limited. Linear transducers. 4,544,905, 10-1-85, Cl. 336-136.000.

Best, Christopher H., to Lucas Industries Limited. Governor system. 4,548,177, 10-22-85, Cl. 123-357.000.

Best, Gerd; and Weikert, Norbert B., to Krampte & Co. Fertigung in Bergbaubedarf GmbH Zweigniederlassung. Rotary cutting roller. 4,491,370, 1-1-85, Cl. 299-81.000.

Best, Gerd; and Weikert, Norbert B., to Krampe & Co. Fertigung in Bergbaubedarf GmbH Zweigniederlassung. Cutting roller. 4,498,707, 2-12-85, Cl. 299-81.000.

Best, John S.; Lee, Kenneth; and Tsang, Ching H., to International Business Machines Corporation. Dual biasing for integrated inductive MR head. 4,547,824, 10-15-85, Cl. 360-113.000.

Best, John S.; and Bullock, David C., to International Business Machines Corporation. Ion doped servo pattern for magnetic recording disk. 4,556,597, 12-3-85, Cl. 428-201.000.

Best Lock Corporation: *See—*

  Best, Walter E.; and Foshee, William R., 4,496,178, Cl. 292-169.130.

  Best, Walter E.; and Foshee, William R., 4,531,390, Cl. 70-372.000.

  Best, Walter E.; and Foshee, William R., 4,550,581, Cl. 70-422.000.

  Foshee, William R., 4,531,389, Cl. 70-372.000.

Best, Norman D.: *See—*

  Wyle, Charles; Shea, Donald M.; and Best, Norman D., 4,536,935, Cl. 29-281.100.

Best, Robert H., to Burlington Industries, Inc. Automatic failure sensor for hot wire cutters. 4,546,802, 10-15-85, Cl. 139-336.000.

Best, Steven A., to Exxon Research & Engineering Co. Polymerization catalyst, production and use. 4,558,024, 12-10-85, Cl. 502-115.000.

Best, Steven A., to Exxon Research & Engineering Co. Polymerization catalyst, production and use. 4,558,025, 12-10-85, Cl. 502-115.000.

Best, Walter: *See—*

  Pulsmeier, Harald; and Best, Walter, 4,536,971, Cl. 34-89.000.

Best, Walter E.; and Foshee, William R., to Best Lock Corporation. Extended latch tube assembly. 4,496,178, 1-29-85, Cl. 292-169.130.

Best, Walter E.; and Foshee, William R., to Best Lock Corporation. Lock capping. 4,531,390, 7-30-85, Cl. 70-372.000.

Best, Walter E.; and Foshee, William R., to Best Lock Corporation. Break-away knob driver. 4,550,581, 11-5-85, Cl. 70-422.000.

Best, Willie H. Radiant wall oven and process of drying coated objects. 4,546,553, 10-15-85, Cl. 34-39.000.

Bestobell Sparling Limited: *See—*

  Johnson, Rodney C., 4,542,656, Cl. 73-861.280.

Bestobell (U.K.) Limited: *See—*

  Starnes, Peter E., 4,526,029, Cl. 73-61.00R.

Bestock, Ralph R.: *See—*

  Atalla, Martin M.; and Bestock, Ralph R., 4,536,647, Cl. 235-379.000.

Beta Corporation of St. Louis: *See—*

  Volk, Joseph A., Jr., 4,528,489, Cl. 318-480.000.

Beta Engineering & Development Ltd.: *See—*

  Amir, Yoel, 4,533,906, Cl. 340-541.000.

  Porat, Chaim; and Sadeh, Yaacov, 4,500,873, Cl. 340-515.000.

  Porat, Chaim, 4,527,150, Cl. 340-541.000.

  Sadeh, Yaacov, 4,493,276, Cl. 112-121.120.

  Sadeh, Yaacov, 4,498,404, Cl. 112-121.120.

Beta II, Incorporated: *See—*

  Volk, Joseph A., Jr.; and Volk, Joseph A., 4,538,471, Cl. 73-861.730.

  Volk, Joseph A., Jr.; and Volk, Joseph A., 4,543,835, Cl. 73-861.730.

  Volk, Joseph A., Jr.; and Volk, Joseph A., 4,550,619, Cl. 73-862.620.

Beta Industries, Inc.: *See—*

  Corwin, Richard R.; and Moorman, Stephen L., 4,498,770, Cl. 356-349.000.

Beta Instrument Company Limited: *See—*

  Kyriakis, John, 4,529,175, Cl. 266-78.000.

Beta Technology, Inc.: *See—*

  Livingston, James W.; and Schontzler, James G., 4,509,543, Cl. 134-57.00D.

Betancourt, Humberto: *See—*

  Calderon, Jose L.; and Betancourt, Humberto, 4,551,232, Cl. 208-92.000.

Betancourt, Walter J.: *See—*

  Bohmer, William; Betancourt, Walter J.; and Hoffman, Louis S., 4,493,531, Cl. 350-336.000.

Betatene Limited: *See—*

  Curtain, Cyril C.; and Snook, Harvey, 4,554,390, Cl. 568-870.000.

Betelle, Jean: *See—*

  Jourdan, Jean-Marie; Betelle, Jean; and Bougon, Philippe M. M., 4,551,632, Cl. 307-9.000.

Betensky, Ellis I., to U.S. Precision Lens, Inc. Compact projection lens. 4,526,442, 7-2-85, Cl. 350-412.000.

Beth Israel Hospital Association, The: *See—*
  Carey, Martin C.; Moses, Alan C.; and Flier, Jeffrey S., 4,548,922, Cl. 514-4.000.
  Lanner, Michael; and Coffey, Cynthia L., 4,524,721, Cl. 119-17.000.
  Spears, James R., 4,512,762, Cl. 604-21.000.

Beth Israel Medical Center: *See—*
  Mosbach, Erwin H.; Une, Misuho; and McSherry, Charles K., 4,545,938, Cl. 260-397.100.

Bethea, James R., to Noble Manufacturing Company. Tiling arrangement. 4,522,855, 6-11-85, Cl. 428-49.000.

Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., to Sears Manufacturing Company. Mold assembly for molding cushion articles. 4,501,541, 2-26-85, Cl. 425-117.000.

Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., to Sears Manufacturing Company. Process for molding cushion articles. 4,542,887, 9-24-85, Cl. 264-46.400.

Bethke, Timothy A.: *See—*
  Wagner, Wayne M.; Schmeichel, Steven D.; and Bethke, Timothy A., 4,558,891, Cl. 285-322.000.

Bethlehem Steel Corporation: *See—*
  Berenato, Joseph W., III; Raivel, Earl L., Jr.; and Strepelis, John J., 4,555,209, Cl. 414-163.000.
  Carpenter, John A., 4,553,731, Cl. 251-27.000.
  Hart, Robert G.; and Townsend, Herbert E., 4,500,399, Cl. 204-181.00C.
  Hart, Robert G., 4,529,664, Cl. 428-457.000.
  Nace, Robert J., 4,551,951, Cl. 51-170.0EB.
  Plante, Arcade J.; and Wetzel, Richard F., 4,495,587, Cl. 364-507.000.
  Rice, Michael A.; and Herman, Stewart T., 4,543,189, Cl. 210-713.000.
  Tatham, Edward J.; Kravits, Richard; Clymer, John C.; and Hoffman, Carvel D., 4,511,801, Cl. 250-394.000.
  Thomas, Dean G.; and Kopnicky, Robert J., 4,558,959, Cl. 374-141.000.

Bethmann, Karl W.; and Theis, Ulrich. Ammunition, preferably for machine cannons, including a projectile equipped with a tracer, with the lethal range of the projectile being limited if the target is missed. 4,519,316, 5-28-85, Cl. 102-513.000.

Bethmann, Karl W., to Rheinmetall GmbH. Method of making a hollow-charge inserts for armor-piercing projectiles. 4,551,287, 11-5-85, Cl. 269-3.00R.

Bethmann, Karl W.: *See—*
  Bocker, Jurgen; Gersbach, Klaus; Bethmann, Karl W.; and Glotz, Gerhard, 4,524,697, Cl. 102-517.000.
  Romer, Rudolf; Jaeneke, Christian; Bethmann, Karl W.; and Moll, Manfred, 4,555,971, Cl. 89-1.110.

Bethoon, Walter D.; and Shepard, Roderick C. Portable shelters. 4,506,688, 3-26-85, Cl. 135-107.000.

Bethuel, Louis: *See—*
  Aubert, Jacques; Bethuel, Louis; and Carles, Maurice, 4,544,531, Cl. 423-19.000.

Bethurum, Gary C., to Thomas & Betts Corporation. Flat cable pitch transition connector. 4,512,621, 4-23-85, Cl. 339-99.00R.

Bethurum, Gary C.: *See—*
  Kurbikoff, Peter A.; and Bethurum, Gary C., 4,521,062, Cl. 339-14.00R.

Betoliere, Jean-Pierre: *See—*
  Romier, Roger; and Betoliere, Jean-Pierre, 4,511,776, Cl. 200-148.00A.

Betsch, Regis J.; Liu, Michael S.; and Tufte, Obert N., to Honeywell Inc. Integrated three-dimensional localized epitaxial growth of Si with localized overgrowth of GaAs. 4,551,394, 11-5-85, Cl. 428-641.000.

Betsill, Harry E.: *See—*
  Baker, W. Barry; and Betsill, Harry E., 4,527,953, Cl. 417-38.000.
  Baker, William B.; and Betsill, Harry E., 4,554,639, Cl. 364-556.000.

Betsudan, Shinichi; Aoki, Katsuhiko; Sato, Shigeru; and Katagi, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Antenna system with plural horn feeds. 4,559,540, 12-17-85, Cl. 343-761.000.

Bett, John A. S.: *See—*
  Setzer, Herbert J.; Bett, John A. S.; and Lesieur, Roger R., 4,522,802, Cl. 423-652.000.

Bettarini, Franco; Massardo, Pietro; Piccardi, Paolo; and Longoni, Angelo, to Montedison S.p.A. Method for combatting infestations of insects and acari, and compositions for use in said method. 4,540,711, 9-10-85, Cl. 514-720.000.

Bettarini, Franco: *See—*
  Massardo, Pietro; Bettarini, Franco; Bianchini, Ennio; and Piccardi, Paulo, 4,496,771, Cl. 568-651.000.

Bettcher Industries, Inc.: *See—*
  Bettcher, Louis A., 4,492,027, Cl. 30-276.000.
  Bettcher, Louis A., 4,509,261, Cl. 30-276.000.
  Bettcher, Louis A.; and Decker, Richard B., 4,516,323, Cl. 30-276.000.

Bettcher, Louis A., to Bettcher Industries, Inc. Rotary hand knife. 4,492,027, 1-8-85, Cl. 30-276.000.

Bettcher, Louis A., to Bettcher Industries, Inc. Boning and trimming knife and housing. 4,509,261, 4-9-85, Cl. 30-276.000.

Bettcher, Louis A.; and Decker, Richard B., to Bettcher Industries, Inc. Rotary hand knife and parts therefor. 4,516,323, 5-14-85, Cl. 30-276.000.

Bette, Willi: *See—*
  Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,503,542, Cl. 372-58.000.
  Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,521,889, Cl. 372-87.000.
  Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,556,981, Cl. 372-86.000.

Bettencourt, George S.; and Strickler, Robert E., to Westinghouse Electric Corp. Multiple connector hood for interconnections to printed circuit boards. 4,552,426, 11-12-85, Cl. 339-75.00M.

Bettendorf Stanford Inc.: *See—*
  Koberlein, Ross D., 4,512,137, Cl. 53-435.000.

Better Semiconductor Processes (BSP): *See—*
  Tressler, Richard E.; Stach, Joseph; and Baeten, Roger L., 4,518,349, Cl. 432-11.000.

Betteravia Byproducts Co.: *See—*
  Henderson, Charles J.; and Cotton, Gerald L., 4,560,561, Cl. 426-74.000.

Bettesworth, Lyle J. Knife holder and carrying case. 4,531,696, 7-30-85, Cl. 248-37.300.

Bettge, Hans; Bialkowski, Gunter; and Hoene, Ernst-Ludwig, to Siemens Aktiengesellschaft. Vacuum-switching tube, especially for a low-voltage contactor. 4,540,863, 9-10-85, Cl. 200-144.00B.

Bettge, Hans: *See—*
  Bany, Peter-Michael; Berger, Wolfgang; Bettge, Hans; Bialkowski, Gunter; Rozek, Rafl; Steinemer, Norbert; and Volkmann, Claus-Jurgen, 4,516,004, Cl. 200-144.00B.

Bettigole, Neal H. Prefabricated pavement module. 4,531,857, 7-30-85, Cl. 404-44.000.

Bettigole, Neal H. Prefabricated pavement module. 4,531,859, 7-30-85, Cl. 404-73.000.

Bettin, Leonard A.: *See—*
  Frase, Roland J.; and Bettin, Leonard A., 4,496,004, Cl. 172-311.000.

Bettinger, Gunter: *See—*
  Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,515,331, Cl. 242-199.000.
  Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,541,587, Cl. 242-197.000.

Bettini, Giuliano; Penso, Luigi; and Rodriguez, Giuseppe, to Selenia, Industrie Elettroniche Associate, S.p.A. MTI Radar adaptable to different environmental conditions. 4,496,949, 1-29-85, Cl. 343-7.700.

Bettle, Griscom, III: *See—*
  Barker, Dale E.; Bettle, Griscom, III; and Van Coney, Robert H., 4,550,862, Cl. 222-109.000.

Betton, Arnold L., to Phantom Systems, Inc. Antitheft ignition system and solenoid apparatus for use therewith. 4,533,016, 8-6-85, Cl. 180-287.000.

Betts, Alan J., to International Business Machines Corporation. Magnetizable recording disk and disk file employing servo sector head positioning. 4,511,938, 4-16-85, Cl. 360-77.000.

Betts, Bruce A., to TRW Inc. Corrosion resistant gray cast iron graphite flake alloys. 4,548,643, 10-22-85, Cl. 75-124.000.

Betts, Edmund D.; and Keith, Jon T., to Gregor Jonsson Associates, Inc. Self-adjusting tail breaker means. 4,507,825, 4-2-85, Cl. 17-73.000.

Betts, Joseph E.: *See—*
  Abolins, Visvaldis; Betts, Joseph E.; and Holub, Fred F., 4,497,925, Cl. 524-269.000.

Betts, Max W.; Johnson, Nigel, deceased; by Bennett, Ernest W.; and by Bennett, Joyce H., executors, to Courtaulds PLC. Yarn feed mechanism. 4,526,019, 7-2-85, Cl. 66-132.00R.

Betts, Max W.: *See—*
  Flavell, John; Jeffcoat, Keith; and Betts, Max W., 4,501,132, Cl. 66-64.000.
  Robinson, Frank; and Betts, Max W., 4,506,525, Cl. 66-109.000.

Betts, Robert E.; Crawford, John F.; and Meador, Jacqueline C., to United States of America, Army. Contoured configured detonating cord and detonator. 4,542,695, 9-24-85, Cl. 102-378.000.

Betts, Robert E.; Crawford, John F.; and McNeill, Robert E., to United States of America, Army. Smoke canister. 4,549,486, 10-29-85, Cl. 102-334.000.

Betts, William; and Smith, Wesley H., to Paradyne Corporation. Error vector normalizer. 4,517,680, 5-14-85, Cl. 375-75.000.

Betts, William: *See—*
  Bremer, Gordon; Betts, William; and Martinez, Kenneth, 4,532,640, Cl. 375-120.000.

Betts, William L.; and Martinez, Kenneth, to Paradyne Corporation. Phase tracking loop impairment monitor for modems. 4,534,036, 8-6-85, Cl. 375-10.000.

Betts, William L.; and Martinez, Kenneth. Digital modem having a monitor for signal-to-noise ratio. 4,555,790, 11-26-85, Cl. 375-39.000.

Betts, William L.: *See—*
  Bremer, Gordon; and Betts, William L., 4,509,171, Cl. 370-100.000.
  Bremer, Gordon; Betts, William L.; and Greene, Robert T., 4,525,846, Cl. 375-39.000.
  Martinez, Kenneth; and Betts, William L., 4,534,026, Cl. 370-100.000.

Bettschen, Josef, to Mondaine Watch Ltd. Water-tight watch. 4,558,956, 12-17-85, Cl. 368-291.000.

Betz, Ansgar, to Zahnradfabrik Friedrichshafen AG. Pressure support means in rack and pinion steering. 4,553,447, 11-19-85, Cl. 74-422.000.

Betz, Dieter; and Issler, Jorg, to Robert Bosch GmbH. Ignition coil for a multi-cylinder internal combustion engine. 4,509,495, 4-9-85, Cl. 123-643.000.

- Betz, Hans: *See—*
  - Becker, Erwin; Ehrfeld, Wolfgang; Munchmeyer, Dietrich; Betz, Hans; and Heuberger, Anton, 4,493,753, Cl. 204-9.000.
- Betz Laboratories, Inc.: *See—*
  - Becker, Larry W., 4,534,866, Cl. 210-697.000.
  - Davis, Dwight P.; and Doherty, Francis G., 4,561,983, Cl. 210-755.000.
  - Geiger, Gary E., 4,497,713, Cl. 210-699.000.
  - Harpel, William L.; and Pilny, Richard J., 4,504,395, Cl. 210-712.000.
  - Hollander, Orin, 4,560,481, Cl. 210-697.000.
  - Muccitelli, John A., 4,541,932, Cl. 210-750.000.
  - Muccitelli, John A., 4,549,968, Cl. 210-750.000.
  - O'Leary, Richard P., 4,533,123, Cl. 261-61.000.
  - Reichgott, David W.; and Leary, Michael J., 4,496,667, Cl. 521-26.000.
  - Reichgott, David W.; and Leary, Michael J., 4,511,676, Cl. 521-26.000.
  - Reid, Dwight K., 4,555,326, Cl. 208-48.00R.
- Betz, Wolfgang; and Huther, Werner, to MTU Motoren-und Turbinen-Union Munchen GmbH. Method for sealing a ceramic molding. 4,539,231, 9-3-85, Cl. 427-255.000.
- Betzing, Hans: *See—*
  - Lautenschlager, Hans-Heiner; Betzing, Hans; Prop, Gerrit; and Zierenberg, Ottfried, 4,552,869, Cl. 514-77.000.
- Betzner, William E.; and Holtman, Richard K., to Celotex Corporation, The. Apparatus for blow line addition of thermosettable binder in fiberboard manufacture including a cooling nozzle. 4,533,436, 8-6-85, Cl. 162-261.000.
- Beu-Tex Corp.: *See—*
  - Kennedy, William J.; and Beucus, A. John, 4,539,724, Cl. 8-149.100.
- Beucker, Albert W., to Beloit Corporation. Urethane covered paper machine roll with vented interface between roll and cover. 4,551,894, 11-12-85, Cl. 29-130.000.
- Beucus, A. John: *See—*
  - Kennedy, William J.; and Beucus, A. John, 4,539,724, Cl. 8-149.100.
- Beudat, Andre: *See—*
  - Hamlin, Inge; and Beudat, Andre, 4,507,646, Cl. 340-310.00R.
- Beuhler, Allyson J.: *See—*
  - Polak, Anthony J.; and Beuhler, Allyson J., 4,500,667, Cl. 524-406.000.
  - Polak, Anthony J.; and Beuhler, Allyson J., 4,560,444, Cl. 204-1.00T.
- Beuscher, Joseph J., to Brockway-Imco Inc. Blow pin assembly. 4,497,623, 2-5-85, Cl. 425-525.000.
- Beutel, Rainer: *See—*
  - Simon, Ulrich; and Beutel, Rainer, 4,530,895, Cl. 430-145.000.
- Beuter, Karl, to Battelle-Institut e.V. Method and apparatus for controlling or measuring the thickness of material layers. 4,512,194, 4-23-85, Cl. 73-579.000.
- Beuther, Harold; Kibby, Charles L.; Kobylinski, T. P.; and Pannell, Richard B., to Gulf Research & Development Company. Fluid bed catalyst for synthesis gas conversion and utilization thereof for preparation of diesel fuel. 4,493,905, 1-15-85, Cl. 502-325.000.
- Beuther, Harold; Kobylinski, Thaddeus P.; Lee, Win-Chung; and Schmid, Bruce K., to Gulf Research & Development Company. Coal liquefaction process using low grade crude oil. 4,541,916, 9-17-85, Cl. 208-8.0LE.
- Beutier, Didier; Bruvier, Hugues; and Palvadeau, Claude, to Societe Miniere et Metallurgique de Penarroya. Electrochemical elimination of nickel from lead containing chloride solutions. 4,548,793, 10-22-85, Cl. 423-92.000.
- Bevan, Christopher G., to C. G. Bevan Associates Limited. Moulding of articles. 4,522,772, 6-11-85, Cl. 264-71.000.
- Bevan, Christopher G., to C. G. Bevan Associates Limited. Moulding of construction products. 4,524,039, 6-18-85, Cl. 264-71.000.
- Bevan, David R.: *See—*
  - Islam, Abul B. M. A.; and Bevan, David R., 4,543,966, Cl. 128-754.000.
- Bever Control A/S: *See—*
  - Bjor, Hakon E., 4,506,745, Cl. 175-45.000.
- Beveridge, Harold N. Electrode for electrostatic transducer. 4,533,794, 8-6-85, Cl. 179-111.00R.
- Beverly, Ian, to Spencer Wright Industries, Inc. Tufting machine broken yarn detector. 4,522,139, 6-11-85, Cl. 112-273.000.
- Beversdorf, Wallace D.; Erickson, Lawrence R.; and Grant, Ian, to University of Guelph. Hybridization process utilizing a combination of cytoplasmic male sterility and herbicide tolerance. 4,517,763, 5-21-85, Cl. 47-58.000.
- BeVier, William E., to Union Carbide Corporation. Process and apparatus for direct heat transfer temperature swing regeneration. 4,511,375, 4-16-85, Cl. 55-28.000.
- BeVier, William E.: *See—*
  - Acharya, Arun; and BeVier, William E., 4,526,877, Cl. 502-60.000.
- Bevilaqua, Paul M.; and Stachura, Stanley J., to Rockwell International Corporation. Spray dryer for the purification of a gas. 4,519,990, 5-28-85, Cl. 423-210.000.
- Bevington, John F.; Meeker, Paul; and Savidge, Michael, to National Super Service Company, The. Muffled vacuum cleaner. 4,519,112, 5-28-85, Cl. 15-326.000.
- Bewers, Ronald, to Ford Motor Company. Tilt cab support stay. 4,522,528, 6-11-85, Cl. 403-61.000.
- Bewersdorf, Elmer: *See—*
  - McCain, William B.; and Bewersdorf, Elmer, 4,519,598, Cl. 270-53.000.
- Bewley, Jesse R.: *See—*
  - Koppel, Gary A.; Barton, Russell L.; Bewley, Jesse R.; Briggs, Stephen L.; and Parton, Joseph W., 4,552,888, Cl. 514-474.000.
- Bexten, Ludger: *See—*
  - Gartner, Roderich; Cornils, Boy; Bexten, Ludger; and Kupies, Dieter, 4,504,588, Cl. 502-24.000.
- Bey, Philippe; and Jung, Michel, to Merrell Toraude et Compagnie. Method of treating psoriasis. 4,496,588, 1-29-85, Cl. 514-564.000.
- Bey, Philippe, to Merrell Dow Pharmaceuticals Inc. N-2,3-Butadienyl-1,4-butanediamine derivatives. 4,551,550, 11-5-85, Cl. 564-215.000.
- Bey, Philippe; and Jung, Michel, to Merrell Dow France et Cie. α-Halomethyl derivatives of α-amino acids. 4,560,795, 12-24-85, Cl. 562-561.000.
- Bey, Roger. Attenuating rotating valve. 4,530,375, 7-23-85, Cl. 137-625.320.
- Beyeler, Harry: *See—*
  - Darms, Roland; Beyeler, Harry; and Haug, Theobald, 4,496,794, Cl. 174-68.500.
  - Darms, Roland; Haug, Theobald; and Beyeler, Harry, 4,503,285, Cl. 174-68.500.
  - Darms, Roland; Beyeler, Harry; and Haug, Theobald, 4,562,119, Cl. 428-458.000.
- Beyer, Guenter; Hauptmann, Rudolf; and Peters, Rainer, to Siemens Aktiengesellschaft. Three-dimensional air space surveillance radar. 4,531,125, 7-23-85, Cl. 343-7.900.
- Beyer, Hans-Hermann; Baudis, Ulrich; and Biberbach, Peter, to Degussa Aktiengesellschaft. Regeneration agent for carburization salt bath. 4,509,993, 4-9-85, Cl. 148-15.500.
- Beyer, Hans-Hermann; Baudis, Ulrich; Biberbach, Peter; and Weber, Wolfgang, to Degussa Aktiengesellschaft. Salt bath for the currentless production of wear resistant boride layers. 4,536,224, 8-20-85, Cl. 148-6.110.
- Beyer, Henry R.; DeSipio, Richard G.; Long, Thomas F.; and Ritz, Joseph, to United States of America, Navy. Data link data and address recognition. 4,500,885, 2-19-85, Cl. 343-456.000.
- Beyer, Henry R.: *See—*
  - Naubereit, Henry; Beyer, Henry R.; DeSipio, Richard G.; and Picard, Salvatore R., 4,500,884, Cl. 343-456.000.
- Beyer, Kenneth E.; and Horlacher, Wilhelm H., to Honeywell Inc. Two-stage solenoid valve. 4,546,955, 10-15-85, Cl. 251-129.150.
- Beyer, Klaus D.; and Silvestri, Victor J., to International Business Machines Corporation. Method for forming a void free isolation structure utilizing etch and refill techniques. 4,528,047, 7-9-85, Cl. 148-175.000.
- Beyer, Michael J., to NI Industries, Inc. Method of spin forging a vehicle wheel. 4,528,734, 7-16-85, Cl. 29-159.010.
- Beyerle, Rudi: *See—*
  - Schonafinger, Karl; Beyerle, Rudi; Bohn, Helmut; Just, Melitta; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,551,454, Cl. 514-252.000.
- Beyerlein, Robert A.; Poeppelmeier, Kenneth R., and Jacobson, Allan J., to Exxon Research & Engineering Co. Cation-reordered, bismuth-containing perovskites. 4,503,166, 3-5-85, Cl. 502-303.000.
- Beyfuss, Berthold: *See—*
  - Olschewski, Armin; Hetterich, Hermann; Horling, Peter; and Beyfuss, Berthold, 4,522,514, Cl. 384-569.000.
- Beyl, Jean; Bernard, Jean; Guerreau, Rene; le Faou, Daniel; and Peyre, Henri, to Ste Look. Ski brake. 4,508,360, 4-2-85, Cl. 280-605.000.
- Beyl, Jean: *See—*
  - Bernard, Jean; Beyl, Jean; Briee, Serge; and le Faou, Daniel, 4,557,499, Cl. 280-626.000.
- Beyl, Jean J. A.; Buzon, Philippe; Campillo, Christian; Cursillat, Jackie; le Faou, Daniel; and Peyre, Henri, to Ste Look. Ski-binding toe abutment member for a ski boot having a truncated sole. 4,494,769, 1-22-85, Cl. 280-630.000.
- Beyl, Jean J. A.: *See—*
  - Bernard, Jean; Beyl, Jean J. A.; Campillo, Christian; and le Faou, Daniel, 4,533,154, Cl. 280-615.000.
  - Bernard, Jean; Beyl, Jean J. A.; Campillo, Christian; and le Faou, Daniel, 4,553,771, Cl. 280-615.000.
- Beymer, Dale A. Tightening apparatus. 4,552,042, 11-12-85, Cl. 81-476.000.
- Beymer, Glen E.: *See—*
  - Washburn, Philip J., 4,494,805, Cl. 312-215.000.
- Beynet, Pierre A.; and von Aschwege, J. Thomas, to Standard Oil Company, The. Multiterminators for riser pipes. 4,516,881, 5-14-85, Cl. 405-195.000.
- Beynie, Claude P., to Societe Anonyme de Telecommunications. Method for transmitting a HDBn code signal with an auxiliary binary signal in a digital transmission line and system for monitoring repeaters in the line by means of auxiliary signals. 4,550,403, 10-29-85, Cl. 370-110.100.
- Beyts, Pamela K.; and Latymer, Zdenek, to Tate & Lyle Public Limited Company. Sweetening agents containing chlorodeoxysugar. 4,495,170, 1-22-85, Cl. 424-48.000.
- Bez, Eckhard; and Farrant, John L., to Commonwealth Scientific and Industrial Research Organization. Porting and ducting arrangement. 4,560,327, 12-24-85, Cl. 417-493.000.
- Bezak, Michael J. Foot holding apparatus for sit-ups and like exercises. 4,509,748, 4-9-85, Cl. 272-145.000.
- Bezard, Jean-Jacques; Jourdain, Charles H.; and Lalanne, Bruno, to J A E G E R. Apparatus for monitoring the level of liquid by resistive wire. 4,513,616, 4-30-85, Cl. 73-295.000.
- Bezard, Jean-Jacques; Jourdain, Charles H.; and Lalanne, Bruno, to JAEGER. Apparatus for monitoring the level of liquid in a tank or reservoir. 4,558,456, 12-10-85, Cl. 377-25.000.

Bezard, Jean-Yves L. N.; Brocard, Jean-Marie; and Parisel, Christian A. F., to Societe National d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Servo valve control device. 4,561,470, 12-31-85, Cl. 137-625.610.

Bezdicek, Jan: *See—*
  Novak, Jiri; Pjgrt, Jan; Bezdicek, Jan; Fenik, Milan; Kuda, Vladimir; and Vasicek, Vladimir, 4,503,891, Cl. 139-116.000.
  Pajgrt, Jan; Bezdicek, Jan; and Novak, Jiri, 4,509,629, Cl. 192-0.098.

Bezjian, Krikor: *See—*
  Bishop, Robert; and Bezjian, Krikor, 4,537,505, Cl. 356-237.000.

Bezman, Richard D., to Chevron Research Company. Manufacture of noble metal/zeolite catalysts. 4,556,646, 12-3-85, Cl. 502-66.000.

Bezman, Richard D.: *See—*
  Klaassen, Alan W.; and Bezman, Richard D., 4,544,645, Cl. 502-66.000.

Bezold, Helmut, to Kraftwerk Union Aktiengesellschaft. Method for deep-drawing sheet metal and an apparatus for carrying out the method. 4,532,793, 8-6-85, Cl. 72-342.000.

Bezusko, Michael J.; Liska, Daniel P.; and McGee, Joseph A., to General Motors Corporation. Heat shielded, spark plug boot assembly. 4,497,532, 2-5-85, Cl. 339-112.00R.

Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., to Ethicon, Inc. Absorbable polymers of substituted benzoic acid. 4,510,295, 4-9-85, Cl. 525-437.000.

Bezwada, Rao S., to American Cyanamid Company. Storage stable, one package, heat curable polyurea/urethane coating compositions and method of preparation. 4,523,003, 6-11-85, Cl. 528-58.000.

Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., to Ethicon, Inc. Surgical sutures made from absorbable polymers of substituted benzoic acid. 4,532,928, 8-6-85, Cl. 128-335.500.

Bezwada, Rao S.: *See—*
  Koelmel, Donald F.; Jamiolkowski, Dennis D.; Shalaby, Shalaby W.; and Bezwada, Rao S., 4,546,152, Cl. 525-437.000.

Bhaduri, Sumit; Sharma, Krishna R.; and Kalpathi, Gopalkrishnan S., to Indian Explosives Ltd. Catalytic process for the direct carbonylation of organic nitro compounds. 4,491,670, 1-1-85, Cl. 560-24.000.

Bhagat, Haresh G.: *See—*
  Damani, Nalinkant C.; Bhagat, Haresh G.; and McElhaney, Ramon L., 4,514,385, Cl. 424-81.000.

Bhagat, Jayant K., to General Motors Corporation. Silicon nitride formation and use in self-aligned semiconductor device manufacturing method. 4,528,211, 7-9-85, Cl. 427-88.000.

Bhagavatula, Venkata A.; and Keck, Donald B., to Corning Glass Works. Method of forming laminated single polarization fiber. 4,494,968, 1-22-85, Cl. 65-3.120.

Bhagavatula, Venkata A., to Corning Glass Works. Method of forming laminated single polarization fiber. 4,494,969, 1-22-85, Cl. 65-3.120.

Bhagavatula, Venkata A.; and Nolan, Daniel A., to Corning Glass Works. Polarization-retaining single-mode optical waveguide. 4,549,781, 10-29-85, Cl. 350-96.300.

Bhagwan, Jai: *See—*
  Trofimenkoff, Frederick N.; Bhagwan, Jai; and Poscente, Sandro P., 4,558,301, Cl. 340-347.0AD.

Bhagwat, Anil G., to Xerox Corporation. Sheet feeding apparatus. 4,538,799, 9-3-85, Cl. 271-9.000.

Bhagwat, Anil G.: *See—*
  Strutt, John R.; and Bhagwat, Anil G., 4,523,832, Cl. 355-3.0SH.

Bhalla, Prithvi: *See—*
  Kust, Cyril; and Bhalla, Prithvi, 4,509,973, Cl. 71-92.000.

Bharteey, Brij M.: *See—*
  Shariff, Sadiq A.; Bharteey, Brij M.; and Mehkri, Shahab A., 4,528,614, Cl. 361-379.000.

Bharteey, Brit M.; and Rowe, Neal E., to Westinghouse Electric Corp. Terminal connector assembly for electric control device. 4,539,541, 9-3-85, Cl. 335-132.000.

Bhartia, Prakash; and Bahl, Inder J., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Broadband microstrip antennas with varactor diodes. 4,529,987, 7-16-85, Cl. 343-700.0MS.

Bharucha, Kekhusroo R.; and Slemon, Clarke E., to Canada Packers Inc. Process for the electrochemical reduction of 7-ketolithocholic acid to ursodeoxycholic acid. 4,547,271, 10-15-85, Cl. 204-59.00R.

Bhaskar, Ravi K.: *See—*
  Sparer, Randall V.; and Bhaskar, Ravi K., 4,513,034, Cl. 428-1.000.

Bhatia, Chandrakant; Toman, George M.; and Bock, Thomas J., to Union Special Corporation. Mechanism generating elliptical motion. 4,513,674, 4-30-85, Cl. 112-220.000.

Bhatia, Chandrakant: *See—*
  Bernstein, Benjamin T.; Bock, Thomas J.; Toman, George M.; and Bhatia, Chandrakant, 4,516,512, Cl. 112-165.000.

Bhatia, Harsaran S.; Bhatia, Satyapal S.; Riseman, Jacob; and Valsamakis, Emmanuel A., to International Business Machines Corporation. Method for contacting a narrow width PN junction region. 4,507,171, 3-26-85, Cl. 156-643.000.

Bhatia, Harsaran S.; Dorler, Jack A.; Gaur, Santosh P.; Lechaton, John S.; Mosley, Joseph M.; and Srinivasan, Gurumakonda R., to International Business Machines Corporation. Method and resulting structure for selective multiple base width transistor structures. 4,535,531, 8-20-85, Cl. 29-577.00C.

Bhatia, Kishan: *See—*
  Burnes, Edward E.; and Bhatia, Kishan, 4,515,759, Cl. 423-220.000.

Bhatia, Madhukar: *See—*
  Resnick, Brian J.; Messina, Elena R.; Bhatia, Madhukar; and Holmes, John G., 4,538,233, Cl. 364-513.000.

Bhatia, Rajkumar P.: *See—*
  Su, Kai C.; Stebbins, Leslie F.; and Bhatia, Rajkumar P., 4,493,783, Cl. 252-174.230.

Bhatia, Satyapal S.: *See—*
  Bhatia, Harsaran S.; Bhatia, Satyapal S.; Riseman, Jacob; and Valsamakis, Emmanuel A., 4,507,171, Cl. 156-643.000.

Bhatia, Vinay K., to F. L. Smidth & Co. A/S. Method for removing sulfur oxides from hot flue gases. 4,555,390, 11-26-85, Cl. 423-242.000.

Bhatia, Vinay K., to F. L. Smidth & Co. A/S. Treatment of flue gas. 4,562,054, 12-31-85, Cl. 423-244.000.

Bhattacharjee, Himangshu R.: *See—*
  Patel, Gordhanbhai N.; Preziosi, Anthony F.; Bhattacharjee, Himangshu R.; and Lee, Lester T. C., 4,550,150, Cl. 526-233.000.

Bhattacharya, Somnath, to International Business Machines Corporation. Compressively stresses titanium metallurgy for contacting passivated semiconductor devices. 4,514,751, 4-30-85, Cl. 357-71.000.

Bhattacharyya, Alakananda: *See—*
  Shore, Sheldon G.; and Bhattacharyya, Alakananda, 4,496,532, Cl. 423-417.000.

Bhatti, Mohinder S., to Owens-Corning Fiberglas Corporation. Method for producing glass fiber. 4,511,383, 4-16-85, Cl. 65-6.000.

Bhatti, Mohinder S., to Owens-Corning Fiberglas Corporation. Method of making and using glass fiber forming feeders. 4,515,610, 5-7-85, Cl. 65-2.000.

Bhatti, Mohinder S., to Owens-Corning Fiberglas Corporation. Method of making glass fibers. 4,515,611, 5-7-85, Cl. 65-2.000.

Bhatti, Mohinder S.; Porzio, Thomas J.; and Nagy, Monte L., to Owens-Corning Fiberglas Corporation. Apparatus for forming glass fibers. 4,516,995, 5-14-85, Cl. 65-1.000.

Bhatti, Mohinder S., to Owens-Corning Fiberglas Corporation. Method for producing glass fiber. 4,518,408, 5-21-85, Cl. 65-6.000.

Bhatti, Mohinder S., to Owens-Corning Fiberglas Corporation. Method of making glass fiber forming feeders. 4,561,870, 12-31-85, Cl. 65-1.000.

Bhavsar, Dilip K., to General Electric Company. System for polynomial division self-testing of digital networks. 4,498,172, 2-5-85, Cl. 371-25.000.

Bhise, Vijay S.; and Gilman, Harold, to Halcon SD Group, Inc., The. Preparation of glycols from ethylene oxide. 4,508,927, 4-2-85, Cl. 568-858.000.

Bhojwani, Arju H.; and Woebcke, Herman N., to Stone & Webster Engineering Corporation. Solids quench boiler and process. 4,550,769, 11-5-85, Cl. 165-1.000.

BHS-Bayerische Berg-, Hutten- und Salzwerke Aktiengesellschaft: *See—*
  Jobst, Lothar, 4,549,452, Cl. 83-100.000.
  Mosburger, Hans, 4,516,454, Cl. 83-499.000.

BHS-Dr. Ing Hofler, Maschinenbau GmbH: *See—*
  van de Locht, Heinrich, 4,512,109, Cl. 51-123.00G.

Biadigo, Mario; and Zucchi, Gianfranco, to Ideal Standard S.p.A. Automatic machine for the fettling of the syphon of sanitary appliances. 4,553,920, 11-19-85, Cl. 425-267.000.

Biadigo, Mario; and Zucchi, Gianfranco, to Ideal Standard S.p.A. Automatic machine for the internal fettling of sanitary appliances. 4,555,229, 11-26-85, Cl. 425-267.000.

Biagi, Gino; and Fini, Vincenzo, to Firbimatic s.r.l. Accessory device for removing solvent vapor in machines for dry cleaning garments and the like. 4,494,317, 1-22-85, Cl. 34-73.000.

Bialas, John S., Jr.; Daniels, Richard J.; and Mruk, William J., to International Business Machines Corporation. Precision regulation, frequency modulated substrate voltage generator. 4,547,682, 10-15-85, Cl. 307-297.000.

Bialas, Volker: *See—*
  Brankamp, Klaus; Bialas, Volker; and Bongartz, Heinz B., 4,519,040, Cl. 364-474.000.

Bialczak, Edward C.; and Chernovitz, John J., to AM International, Inc. Waterborne two component diazo type coating composition with hydrolyzed polyvinyl acetate and hexamethoxy methylmelamine resin. 4,495,269, 1-22-85, Cl. 430-150.000.

Biale, John, to Union Oil Company of California. Composition for improved adhesion of vinylidene chloride latex to ionomer films. 4,544,699, 10-1-85, Cl. 524-512.000.

Bialecki, Adolph: *See—*
  Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., 4,530,131, Cl. 15-321.000.

Bialek, Rene F., to Texaco Canada Resources Ltd. Apparatus for treating tar sands emulsion. 4,498,958, 2-12-85, Cl. 196-46.000.

Bialkowski, Gunter: *See—*
  Bany, Peter-Michael; Berger, Wolfgang; Bettge, Hans; Bialkowski, Gunter; Rozek, Rafl; Steinemer, Norbert; and Volkmann, Claus-Jurgen, 4,516,004, Cl. 200-144.00B.
  Bettge, Hans; Bialkowski, Gunter; and Hoene, Ernst-Ludwig, 4,540,863, Cl. 200-144.00B.
  Peche, Gerhard; and Bialkowski, Gunter, 4,497,990, Cl. 200-144.00B.

Bialkowski, Wojciech L., to Domtar Inc. Paper machine wet line control. 4,500,968, 2-19-85, Cl. 364-471.000.

Biallas, Bernd: *See—*
  Struck, Bernd-Dieter; Biallas, Bernd; and Schulten, Rudolf, 4,544,459, Cl. 204-103.000.

Bialo, Charles A.: *See—*
  Griesshaber, Karl H.; and Bialo, Charles A., 4,507,683, Cl. 358-185.000.

Bialobrzeski, Walter: *See—*
  Martin, Richard A.; and Bialobrzeski, Walter, 4,555,378, Cl. 264-292.000.

Bialy, Jan; Penczek, Irena; Maczenski, Stanislaw; and Borensztajn, Marek, to Enichimica S.p.A. Process for the production of polyphenylene oxide. 4,556,699, 12-3-85, Cl. 526-68.000.

Biancalana, Carlo; Vescovi, Giuseppe; and Volpini, Maurizio, to Bitiess Microtecnica S.A. Cleaning device for dental instruments to be used during surgery and dental treatments. 4,552,163, 11-12-85, Cl. 134-100.000.

Biancardi, Osvaldo, to Williams Instrument Company, Inc. Pressure controlled pulse generator. 4,529,001, 7-16-85, Cl. 137-100.000.

Bianchi, Angelo, to Sant-Andrea Novara Officine Meccaniche e Fonderie S.p.A. Chain-driven comb head for slivers of textile fibres, particularly for drawing frames. 4,554,709, 11-26-85, Cl. 19-218.000.

Bianchi, Edward A.: *See—*
  Adlon, Daniel T.; and Bianchi, Edward A., 4,522,097, Cl. 83-464.000.

Bianchi, Gianfranco; Pierpaoli, Piero; Borelli, Riccardo; and Rainoldi, Luciano, to Kent-Tieghi S.p.A. Electronic transmitter for transmitting pressure values of industrial process fluids. 4,538,465, 9-3-85, Cl. 73-722.000.

Bianchi, Gianfranco; Borelli, Riccardo; and Pierpaoli, Piero, to Kent-Tieghi S.p.A. Differential pressure transmitter for industrial process fluids, provided with compensation of static pressure change effects. 4,559,829, 12-24-85, Cl. 73-708.000.

Bianchi, Giuseppe, to Industrie Zanussi S.p.A. Electrolytic cell having nonporous partition. 4,493,760, 1-15-85, Cl. 204-278.000.

Bianchi, Giuseppe; Mussinelli, Gianluigi; and Faita, Giuseppe, to Oronzio de Nora S.A. Ground anode prepacked with backfill in a flexible structure for cathode protection with impressed currents. 4,544,464, 10-1-85, Cl. 204-147.000.

Bianchi, Giuseppe: *See—*
  de Nora, Oronzio; and Bianchi, Giuseppe, 4,519,886, Cl. 204-196.000.

Bianchi, Guiseppe, to Industrie Zanussi S.p.A. Apparatus and process for producing chlorine gas and for employing such chlorine gas for the production of chlorine water. 4,496,452, 1-29-85, Cl. 204-266.000.

Bianchi, Guiseppe; and Mussinelli, Gian L., to Oronzio de Nora S.A. Method for electrically connecting non corrodible anodes to the corrodible core of a power supply cable. 4,526,666, 7-2-85, Cl. 204-196.000.

Bianchi International: *See—*
  Bianchi, John E.; Nichols, Richard D. E.; and Gerfen, Richard, 4,542,841, Cl. 224-193.000.
  Nichols, Richard D. E., 4,504,001, Cl. 224-198.000.

Bianchi, John E.; Nichols, Richard D. E.; and Gerfen, Richard, to Bianchi International. Semi-front opening holster. 4,542,841, 9-24-85, Cl. 224-193.000.

Bianchi, Julio J., to General Electric Company. Flip-over mechanism. 4,551,621, 11-5-85, Cl. 235-117.00R.

Bianchi, Mario; and Barzaghi, Fernando, to Roussel Uclaf. Derivatives of 4-phenyl-4-oxobuten-2-oic acid, pharmaceutical compositions containing them, and therapeutic uses for them. 4,500,731, 2-19-85, Cl. 514-452.000.

Bianchi, Nereo, to Necchi Societa per Azioni. Two-position needle plate for sewing machines. 4,493,280, 1-15-85, Cl. 112-260.000.

Bianchi, Nereo, to Necchi Societa per Azioni. Needle clamp for a sewing machine. 4,508,042, 4-2-85, Cl. 112-226.000.

Bianchi, Sergio: *See—*
  Felder, Ernst; Bianchi, Sergio; and Bollinger, Heinrich, 4,503,252, Cl. 564-474.000.

Bianchin, Bernard: *See—*
  Perrin, Bernard; Bianchin, Bernard; and Sauret, Georges, 4,518,499, Cl. 210-332.000.

Bianchini, Ennio: *See—*
  Massardo, Pietro; Bettarini, Franco; Bianchini, Ennio; and Piccardi, Paulo, 4,496,771, Cl. 568-651.000.

Bianchini, Gregory M.; and McRae, Thomas G., to United States of America, Energy. Vapor spill monitoring method. 4,535,639, 8-20-85, Cl. 73-863.110.

Bianco, Tommaso: *See—*
  Perri, Giulio C.; Bianco, Tommaso; and Piccirilli, Beniamino, 4,530,902, Cl. 435-105.000.

Biard, James R.; and Elmer, Ben R., to Spectronics, Inc. Apparatus for input amplifier stage. 4,529,947, 7-16-85, Cl. 330-259.000.

Biard, James R.; and Elmer, Ben R., to Spectronics, Inc. Data transmission link. 4,545,076, 10-1-85, Cl. 455-612.000.

Biarnesen, Terry L.: *See—*
  Rumage, Donald V.; and Biarnesen, Terry L., 4,530,419, Cl. 182-106.000.

Biaschim S.p.A.: *See—*
  Piccolo, Oreste; Belli, Aldo; Villa, Giovanni; Zen, Enrico; and Citterio, Attilio, 4,542,233, Cl. 560-21.000.

Biasini, Americole R.: *See—*
  Biasini, Lino; Biasini, Americole R.; and Clausen, Eivind, 4,501,220, Cl. 118-73.000.

Biasini, Lino; Biasini, Americole R.; and Clausen, Eivind, to Allsop, Inc. Musical instrument valve cleaning/lubricating device and method. 4,501,220, 2-26-85, Cl. 118-73.000.

Biba, Kenneth J.; and Picazo, Jose J., Jr., to Sytek, Incorporated. Multiple channel data communication system. 4,521,891, 6-4-85, Cl. 375-8.000.

Biber, Conrad H., to Polaroid Corporation. Sonic ranging/detection system employing varied beamwidth. 4,551,825, 11-5-85, Cl. 367-101.000.

Biber, Klaus; Grunvogel, Karl; Lemcke, Ulrich; Jakubowski, Heinz; and Schulz, Kurt, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Adjustable stand for optical observation instruments. 4,523,732, 6-18-85, Cl. 248-123.100.

Biberbach, Peter: *See—*
  Beyer, Hans-Hermann; Baudis, Ulrich; and Biberbach, Peter, 4,509,993, Cl. 148-15.500.
  Beyer, Hans-Hermann; Baudis, Ulrich; Biberbach, Peter; and Weber, Wolfgang, 4,536,224, Cl. 148-6.110.

Bibia Rubber B.V.: *See—*
  Duyker, Christiaan J. H.; and Balk, Albertus C., 4,494,684, Cl. 224-39.000.

Bible, Robert E.; Bible, Robert E., Jr.; and Mason, Richard S., to Automation Engineering, Inc. Circuit board inspection apparatus and method. 4,538,909, 9-3-85, Cl. 356-237.000.

Bible, Robert E., Jr.: *See—*
  Bible, Robert E.; Bible, Robert E., Jr.; and Mason, Richard S., 4,538,909, Cl. 356-237.000.

Bibow, Lawrence C., to Brunswick Corporation. Exhaust relief system. 4,526,002, 7-2-85, Cl. 60-293.000.

BICC Public Limited Company: *See—*
  Bangay, Alan J.; Cole, Adrian; and Vernon, John S., 4,557,894, Cl. 419-67.000.
  Cane, Michael R., 4,553,807, Cl. 339-94.00R.
  Childs, John B.; and Fairey, Norman R., 4,505,878, Cl. 419-67.000.
  Cooke, Edward I.; Pinnington, Arthur J.; and Smeatham, Charles A., 4,541,979, Cl. 264-174.000.
  Cooke, Edward I., 4,554,116, Cl. 264-1.500.
  Dench, Godfrey R. M., 4,497,537, Cl. 350-96.230.
  Dey, Phillip; Fearns, Peter; Plessner, Karl W.; Pickup, Kenneth H.; Gaylard, Bernard; and Murphy, Arthur B., 4,491,387, Cl. 350-96.230.
  Harvey, Peter, 4,494,822, Cl. 350-96.210.
  Harvey, Peter, 4,496,212, Cl. 350-96.200.
  Hutchison, John B., 4,515,991, Cl. 174-65.0SS.
  Nelson, William; and Bearpark, John P., 4,498,522, Cl. 164-460.000.
  Puckowski, Robert T.; Cooper, Dennis; and Duffy, Patrick J., 4,533,417, Cl. 156-51.000.
  Smith, Alan M.; and Taylor, Peter J., 4,530,566, Cl. 350-96.200.
  Verne, Stefan, 4,551,569, Cl. 585-6.600.
  White, Cyril J.; and Joyce, Christopher, 4,498,724, Cl. 339-97.00R.

BICC-Vero Electronics Limited: *See—*
  Bell, David L., 4,498,118, Cl. 361-384.000.

Bicer, Demetrio. Cardiovascular valve prosthesis. 4,494,253, 1-22-85, Cl. 3-1.500.

Bich, Rene, to Societe J. G. Allinquant. Piston locking for gas springs. 4,527,780, 7-9-85, Cl. 267-64.120.

Bichara, Michel; Koensgen, Jean-Pierre; Bodu, Michel; Meriaux, Michel; and Zimmermann, Jean-Pierre, to Mines de Potasse d'Alsace S.A. Treatment of carnallitic ores. 4,504,092, 3-12-85, Cl. 299-5.000.

Bichara, Michel; Wendling, Emile; and Bodu, Michel, to Mines de Potasse d'Alsace S.A. Process for the manufacture of potassium sulphate by treating solutions containing magnesium chloride and potassium chloride. 4,533,536, 8-6-85, Cl. 423-551.000.

Bichon, Daniel, to Assut S.A. Sheathed surgical suture filament and method for its preparation. 4,506,672, 3-26-85, Cl. 128-335.500.

Bick, David E.; Flippance, Christopher F.; and Parry, Ian C., to Dowty Hydraulic Units Limited. Retarders suitable for wagon speed control and having means for holding them in their operative condition. 4,535,872, 8-20-85, Cl. 188-62.000.

Bick, Hal W. Rotatable heating apparatus. 4,501,955, 2-26-85, Cl. 219-469.000.

Bickel, Hans: *See—*
  Woodward, Robert E.; and Bickel, Hans, 4,550,162, Cl. 544-016.000.

Bickelhaupt, Roy E.: *See—*
  Altman, Ralph F.; Gooch, John P.; Dismukes, Edward B.; Bickelhaupt, Roy E.; and Dahlin, Robert S., 4,533,364, Cl. 55-5.000.

Bicker, Uwe: *See—*
  Bosies, Elmar; Gall, Rudi; Weimann, Gunter; Bicker, Uwe; and Pahlke, Wulf, 4,492,659, Cl. 260-925.000.
  Bosies, Elmar; Kampe, Wolfgang; Thiel, Max; Bicker, Uwe; and Boerner, Dietmar, 4,517,183, Cl. 514-183.000.

Bickerdike, Robert L.; and Hughes, Garyth, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Bulk production of alloys by deposition from the vapor phase and apparatus therefor. 4,517,027, 5-14-85, Cl. 148-6.300.

Bickerstaff, Alan E.; Cotton, Austin H.; Ladell, Michael G.; and Neale, David M., to Xerox Corporation. Apparatus for supplying a liquid to a heated surface. 4,536,076, 8-20-85, Cl. 355-3.0FU.

Bickford, Harold J.: *See—*
  Sandiford, Burton B.; Fett, E. Reinold; and Bickford, Harold J., 4,501,324, Cl. 166-250.000.

Bickford, Ian J.: *See—*
  Embrey, Derek M.; Webb, Stuart F.; Bickford, Ian J.; and Caxton Doss-Desouza, Argus F., 4,554,422, Cl. 200-61.910.

Bickford, Karin S.: *See—*
  Staffin, H. Kenneth; Roaper, Robert B.; and Bickford, Karin S., 4,519,718, Cl. 374-45.000.

Bickl, Horst; Findeis, Gunter; and Treiber, Helmut, to AGFA-Gevaert, A.G. Method of and arrangement for copying a colored original. 4,492,458, 1-8-85, Cl. 355-38.000.

Bickler, Donald B.: *See—*
  Ross, Bernd, deceased; Bickler, Donald B.; and Gallagher, Brian D., 4,524,237, Cl. 136-261.000.

Bickley, Robert H.; Bucher, Charles A.; and Yee, David M., to Motorola, Inc. High power RF relay switch trigger. 4,510,472, 4-9-85, Cl. 333-262.000.

Bicocchi, Eugenio. Audio-visual device for gymnastic implements. 4,512,566, 4-23-85, Cl. 272-72.000.

Bicron Corporation: *See—*

  Noakes, John E.; and Culp, Randolph A., 4,507,226, Cl. 252-600.000.

Bidan, Gerard: *See—*

  Lambert, Jean C.; Barre, Guy; Dejaifve, Pierre E.; and Bidan, Gerard, 4,554,292, Cl. 518-728.000.

Bidard, Louis: *See—*

  Berte, Marc; Bidard, Louis; and Lechopier, Serge, 4,517,485, Cl. 310-320.000.

Biddle, Richard A.; and Sutton, Ernest S., to Thiokol Corporation. Highly soluble, non-hazardous hydroxylammonium salt solutions for use in hybrid rocket motors. 4,527,389, 7-9-85, Cl. 60-207.000.

Biddulph, Richard H., to United States Borax & Chemical Corporation. Method of treating refractory boride shapes. 4,543,227, 9-24-85, Cl. 264-233.000.

Bidegaray, Dominique A., to Christensen, Inc. Rotating bits including a plurality of types of preferential cutting elements. 4,512,426, 4-23-85, Cl. 175-329.000.

Bidwell, Brian A.: *See—*

  Vance, Ian A. W.; Jeffrey, Colin; Bidwell, Brian A.; Leevers, David F. A.; and Woodley, Michael J. A., 4,506,262, Cl. 340-825.440.

Bidwell, Richard H., to Dzus Fastener Co., Inc. Stud fastener receptacle. 4,522,541, 6-11-85, Cl. 411-554.000.

Bieber, Gerold, to Zahnradfabrik Friedrichshafen AG. Mechanical gear selector. 4,542,6[illegible]2, 9-24-85, Cl. 74-470.000.

Bieber, William J. H-Pattern shifter for automatic transmissions. 4,546,665, 10-15-85, Cl. 74-473.00R.

Biechler, Charles S.; Carroll, Allen M.; Graves, Richard E.; and Lyons, Steven A., to Perkin-Elmer Corporation, The. Virtual addressing for E-beam lithography. 4,498,010, 2-5-85, Cl. 250-492.200.

Biedermann, Jurgen; Etschenberg, Eugen; Friehe, Hugo; Scheef, Wolfgang; and Winkelmann, Johannes, to A. Nattermann & Cie GmbH. Optically active dipeptides and the use thereof as tissue dissolving and histolytic agent in human beings. 4,505,854, 3-19-85, Cl. 260-112.50R.

Biedermann, Jurgen; Prop, Gerrit; and Doppelfeld, Ille-Stephanie, to A. Nattermann & Cie GmbH. Process for producing (-)-2-[1-(2,6-dichlorophenoxy)-ethyl]-1,3-diazacyclopent-2-ene. 4,518,783, 5-21-85, Cl. 548-353.000.

Biedermann, Siegfried M.: *See—*

  Radtke, Carl T.; Kaiser, Ewald A.; Biedermann, Siegfried M.; and Chapman, Rick J., 4,494,256, Cl. 4-502.000.

Biedka, Ryszard, to ITT Industries, Inc. Fibre fusion splicing. 4,548,630, 10-22-85, Cl. 65-2.000.

Biegel, Robert A., to Thrall Car Manufacturing Company. Handbrake system for railway car. 4,508,197, 4-2-85, Cl. 188-47.000.

Biegelmeier, Gottfried, to Brown, Boveri & Cie AG. Protective electric house-wiring switch. 4,541,030, 9-10-85, Cl. 361-56.000.

Biegelsen, David K.; and Sirkin, Eric R., to Xerox Corporation. P-Glass reflow technique. 4,496,608, 1-29-85, Cl. 427-53.100.

Biegelsen, David K.; and Bartelink, Dirk J., to Xerox Corporation. Self aligning small scale integrated circuit semiconductor chips to form large area arrays. 4,542,397, 9-17-85, Cl. 357-32.000.

Biehl, Philip D.: *See—*

  Loskorn, Richard A.; Biehl, Philip D.; and Catiller, Robert D., 4,514,824, Cl. 364-900.000.

Biehl, Reinhard; Schmalbein, Dieter; and Laukien, Gunther, to Bruker Analytische Messtechnik GmbH. Coupling arrangement for a cavity resonator. 4,551,694, 11-5-85, Cl. 333-24.00C.

Biehle, William C., to Metal Improvement Company, Inc. Apparatus for measuring flow-rate of electromagnetic granular media. 4,552,017, 11-12-85, Cl. 73-198.000.

Biek, Paul A., to Dresser Industries, Inc. Dwell and depth attachment. 4,557,646, 12-10-85, Cl. 409-218.000.

Biela, John A.: *See—*

  Ettlinger, Ralph; and Biela, John A., 4,527,743, Cl. 239-530.000.

Bielamowicz, Lawrence J.: *See—*

  Reisberg, Joseph; Bielamowicz, Lawrence J.; and Thigpen, David R., 4,493,371, Cl. 166-274.000.

Bieler, Barrie H.; and Tsang, Floris Y., to Dow Chemical Company, The. Plugging micro-leaks in multi-component, ceramic tubesheets with material leached therefrom. 4,505,995, 3-19-85, Cl. 429-104.000.

Bieler, Hans. Cutting or drilling apparatus. 4,521,145, 6-4-85, Cl. 409-218.000.

Bielfeldt, Friedrich B., to Maschinenfabrik J. Dieffenbacher GmbH & Co. Injection press. 4,505,661, 3-19-85, Cl. 425-190.000.

Bieli-Moschlin, Ruedi; and Hurschler-Flury, Alois. Equipment for the repair of, in particular for correcting dents or bulges in, containers. 4,555,926, 12-3-85, Cl. 72-392.000.

Bielinski, Ralph F.; Chacon, M. Frank; Kramer, Dennis M.; Mathias, William R.; and Schneider, Stanley, to Eaton Corporation. Electrothermal wire responsive miniature precision current sensor. 4,538,199, 8-27-85, Cl. 361-93.000.

Bielkevicius, Jonas R.; and Schmitt, Paul M., to GTE Communications Products Corporation. Flag detection circuit. 4,554,541, 11-19-85, Cl. 340-825.680.

Biella-Neher AG.: *See—*

  Rohner, Benedikt, 4,545,484, Cl. 206-425.000.

Bielomatik Leuze GmbH & Co.: *See—*

  Kunzmann, Otto, 4,537,545, Cl. 412-7.000.

  Schall, Walter; Negro, Guido; Hipp, Martin; and Albrecht, Hans, 4,509,396, Cl. 83-126.000.

  Seefeldt, Joachim, 4,545,715, Cl. 414-36.000.

Bielsker, Barry H.: *See—*

  Morris, C. Carson; Bielsker, Barry H.; and Cole, Donald A., 4,503,287, Cl. 178-22.080.

Biemans, Arnoldus. Needle threading device. 4,492,325, 1-8-85, Cl. 223-99.000.

Biemans, Arnoldus. Needle threading devices. 4,557,408, 12-10-85, Cl. 223-99.000.

Bien-Air: *See—*

  Mosimann, David; Walther, Theodor; and Schnider, Jean-Pierre, 4,507,085, Cl. 433-126.000.

Bien, Alfred A., to Chrysler Corporation. Telescopic shaft coupling arrangement. 4,504,164, 3-12-85, Cl. 403-109.000.

Bien, Fritz: *See—*

  Bernstein, Lawrence S.; Bien, Fritz; and Jamieson, John A., 4,496,839, Cl. 250-341.000.

Bieneman, Matthew J., to Westinghouse Electric Corp. Multi-level raster scan display system. 4,554,538, 11-19-85, Cl. 340-799.000.

Bienert, Horst; Kohlpaintner, Georg; and Jardin, Hans, to Webasto-Werk W. Baier GmbH & Co. Rigid cover for a vehicle top. 4,509,791, 4-9-85, Cl. 296-216.000.

Bienert, Horst; and Lutz, Alfons, to Webasto-Werk W. Baier GmbH & Co. Motor vehicle roof arrangement of the type interchangeably driveable by both motor and crank drives. 4,531,777, 7-30-85, Cl. 296-223.000.

Bienert, Horst; and Hirschberger, August, to Webasto-Werk W. Baier GmbH & Co. Telescopic winch drive. 4,548,439, 10-22-85, Cl. 296-223.000.

Bienick, Richard H.: *See—*

  Middleton, Jerry L.; and Bienick, Richard H., 4,527,601, Cl. 141-348.000.

Bienvenu, E. Gayle: *See—*

  Bienvenu, Gerald A.; and Bienvenu, E. Gayle, 4,501,226, Cl. 119-1.000.

Bienvenu, Gerald A.; and Bienvenu, E. Gayle. Disposable pet litter container. 4,501,226, 2-26-85, Cl. 119-1.000.

Bienvenue, Louis L.: *See—*

  Meisner, John W.; Moore, Robert M.; and Bienvenue, Louis L., 4,505,644, Cl. 417-50.000.

Bienwald, F. Wolfgang, to Leviton Manufacturing Company, Inc. Plug-in wire terminal system. 4,508,417, 4-2-85, Cl. 339-176.00L.

Bier, Axel, to Audi NSU Auto Union Aktiengesellschaft. Circuit for operating a displaceable component in a motor vehicle, in particular a motor vehicle window. 4,516,034, 5-7-85, Cl. 307-10.00R.

Bier, Axel, to Audi NSU Auto Union Aktiengesellschaft. Circuit for a current consuming device in a motor vehicle. 4,517,469, 5-14-85, Cl. 307-10.0LS.

Bier, David A., to PPG Industries, Inc. Method of spacing sheets and moving groups of spaced sheets. 4,533,073, 8-6-85, Cl. 225-4.000.

Bier-Drive AG: *See—*

  Mockesch, Erich; and Noack, Hans-Herbert, 4,548,321, Cl. 206-525.000.

Bier, Wilhelm: *See—*

  Becker, Erwin; Bier, Wilhelm; Ehrfeld, Wolfgang; and Munchmeyer, Dietrich, 4,541,977, Cl. 264-102.000.

Bierbrauer, Heiner; and Diels, Wolfgang, to Gebr. Hennig GmbH. Protective cover for a machine bed. 4,522,246, 6-11-85, Cl. 160-223.000.

Biere, Helmut; Rufer, Clemens; and Boettcher, Irmgard, to Schering Aktiengesellschaft. Diphosphonic acid derivatives and pharmaceutical preparations containing them. 4,503,049, 3-5-85, Cl. 514-80.000.

Bierens, John, to Granning Suspensions, Inc. Automotive vehicle suspension. 4,506,910, 3-26-85, Cl. 280-711.000.

Bieri, Hans, to Hydrostress AG. Concrete cutting or milling apparatus including a guide rail. 4,557,245, 12-10-85, Cl. 125-14.000.

Bierig, David A. Rotatable spar. 4,503,796, 3-12-85, Cl. 114-89.000.

Bieringer, Hermann: *See—*

  Horlein, Gerhard; Schonowsky, Hubert; Bieringer, Hermann; and Langeluddeke, Peter, 4,493,731, Cl. 71-118.000.

  Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, 4,531,969, Cl. 71-108.000.

  Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, 4,492,598, Cl. 71-93.000.

Bieringer, Robert J., to Owens-Illinois, Inc. Method and apparatus for inspecting articles. 4,500,203, 2-19-85, Cl. 356-240.000.

Bieringer, Ulrich: *See—*

  Napp, Gerhard; Bieringer, Ulrich; Kreismer, Heinz; and Goseberg, Walter, 4,500,833, Cl. 323-359.000.

Bierlein, John C.; and DeHart, Arnold O., to General Motors Corporation. Bearing having nickel-tin-copper barrier layer. 4,553,856, 11-19-85, Cl. 384-276.000.

Bierlein, John C.: *See—*

  MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., 4,540,636, Cl. 428-610.000.

  MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., 4,554,208, Cl. 428-332.000.

Bierley, Howard L.: *See—*

  Logan, Robert C.; and Bierley, Howard L., 4,529,196, Cl. 272-116.000.

Bierman, Laurence W.; Polinsky, Samuel M.; Hempel, David A.; and Humberger, Roger B., to J. R. Simplot Company. Process for the

recovery of cadmium and other metals from solution. 4,511,541, 4-16-85, Cl. 423-100.000.
Bierman, Laurence W.; Edinborough, Charles R.; and Johnson, David K., to J. R. Simplot Company. Process for granulation of fertilizer materials. 4,554,004, 11-19-85, Cl. 71-29.000.
Biermann, Eberhard, to Robert Bosch GmbH. Damping device of an air flow rate meter disposed in the air intake tube of an internal combustion engine. 4,554,825, 11-26-85, Cl. 73-118.000.
Biermann, Hans-Peter; Kohler, Peter; and Heine, Heinrich, to Bayer Aktiengesellschaft. Thermostable iron oxide pigments. 4,491,619, 1-1-85, Cl. 428-403.000.
Biermann, Wendell J., to United States of America, Energy. Variable effect desorber-resorber absorption cycle. 4,542,629, 9-24-85, Cl. 62-476.000.
Biermann, Wendell J., to United States of America, Energy. Absorption machine with desorber-resorber. 4,546,620, 10-15-85, Cl. 62-476.000.
Biermann, Wendell J.: *See—*
  Sarkisian, Paul H.; Reimann, Robert C.; and Biermann, Wendell J., 4,542,628, Cl. 62-335.000.
Biermans, Andreas J.: *See—*
  Jonckers, Kees; Van Nassau, Petrus J. M.; and Biermans, Andreas J., 4,539,077, Cl. 203-49.000.
  van Nassau, Petrus J. M.; Biermans, Andreas J.; Jonckers, Kees; and de Cooker, Mario G. R. T., 4,540,813, Cl. 564-71.000.
Biernacki, Andreas: *See—*
  Denner, Wolf J.; Biernacki, Andreas; and Breitschwerdt, Gunter, 4,550,650, Cl. 98-115.300.
Biernoth, Gerhard; and Merk, Werner, to Lever Brothers Company. Fractionation of butterfat using a liquefied gas or a gas in the supercritical state. 4,504,503, 3-12-85, Cl. 426-312.000.
Biersach, James E. Omnidirectional siren. 4,554,531, 11-19-85, Cl. 340-387.000.
Biery Cheese Company: *See—*
  Biery, Dennis H., 4,527,940, Cl. 414-416.000.
Biery, Dennis H., to Biery Cheese Company. Cheese unloading machine. 4,527,940, 7-9-85, Cl. 414-416.000.
Bieschke, Martin, to Textron, Inc. Wire clamp assembly. 4,492,422, 1-8-85, Cl. 339-95.00R.
Biesecker, Douglas A.: *See—*
  Porterfield, Richard; Soth, Henry J.; and Biesecker, Douglas A., 4,543,705, Cl. 29-566.300.
Bietti, Giuseppe; Cereda, Enzo; Donetti, Arturo; del Soldato, Piero; Giachetti, Antonio; and Micheletti, Rosamaria, to Istituto de Angeli S.p.A. Guanidino-heterocyclyl-phenyl-amidines and salts thereof. 4,548,944, 10-22-85, Cl. 514-363.000.
Biewald, Heinz; Gronebaum, Theo; and Kuper, Hans-Heinrich. Machine for assembling veneer strips. 4,545,845, 10-8-85, Cl. 156-544.000.
Biferno, Michael A., to McDonnell Douglas Corporation. Fail transparent LCD display. 4,562,433, 12-31-85, Cl. 340-716.000.
Biffle, Morris S. High pressure rotary stripper. 4,500,094, 2-19-85, Cl. 277-31.000.
Biffle, Morris S. Drilling media injection for rotating blowout preventors. 4,529,210, 7-16-85, Cl. 277-31.000.
Bifok AB: *See—*
  Hansen, Elo H.; and Ruzicka, Jaromir, 4,504,443, Cl. 422-81.000.
  Karlberg, Bo I.; and Thelander, Sidsel, 4,546,088, Cl. 436-178.000.
Biftu, Tesfaye; Witzel, Bruce E.; and Barker, Peter L., to Merck & Co., Inc. 5-(2,3-Dihydro-1H-pyrrolizin-5-oyl)-2-alkanoic or carboxylic acids and analogs as anti-inflammatory and analgesic agents. 4,533,671, 8-6-85, Cl. 514-413.000.
Biftu, Tesfaye; Witzel, Bruce E.; and Barker, Peter L., to Merck & Co., Inc. 5-(2,3-Dihydro-1H-pyrrolizin-5-oyl)-2,3-dihydro-1H-pyrrolizine-1-alkanoic or carboxylic acids and use thereof as anti-inflammatory and analgesic agents. 4,536,512, 8-20-85, Cl. 514-413.000.
Biftu, Tesfaye; Hwang, San-Bao; Doebber, Thomas W.; Beattie, Thomas R.; and Shen, Tsung-Ying, to Merck & Co., Inc. 2,5-Diaryl tetrahydrofurans and analogs thereof as PAF-antagonists. 4,539,332, 9-3-85, Cl. 514-461.000.
Biftu, Tesfaye: *See—*
  Chang, Michael N.; and Biftu, Tesfaye, 4,511,724, Cl. 548-452.000.
Big Four Manufacturing Company, Inc.: *See—*
  Hoyt, Harold C., Jr.; Martinez, Danilo C.; and Philipak, Stanley M., 4,523,077, Cl. 219-137.0PS.
Big-Inch Marine Systems, Inc.: *See—*
  Dopyera, Emil E.; and Miller, Jack E., 4,530,526, Cl. 285-261.000.
Big Jon, Inc.: *See—*
  Emory, John E., Jr., 4,495,721, Cl. 43-21.200.
  Emory, John E., Jr., 4,527,349, Cl. 43-21.200.
Bigbee, Marvin L.: *See—*
  Hadley, Howard C.; and Bigbee, Marvin L., 4,541,549, Cl. 222-143.000.
  Rettig, Vernon E.; Bigbee, Marvin L.; Steilen, Ronald M.; and Head, Glenn D., Jr., 4,518,046, Cl. 172-311.000.
Bigbie, Burke N.; and Boyd, Gilbert R., to Joy Manufacturing Company. Adapter for a wellhead. 4,541,490, 9-17-85, Cl. 166-379.000.
Bigelow, James H.: *See—*
  Hastings, Jerome K.; Bigelow, James H.; and Pearson, Robert L., 4,521,757, Cl. 335-79.000.
Bigelow, Lavell M.; Bigelow, Robert D.; and Bigelow, William S. Combustion method and apparatus. 4,506,653, 3-26-85, Cl. 126-69.000.
Bigelow, Robert D.: *See—*
  Bigelow, Lavell M.; Bigelow, Robert D.; and Bigelow, William S., 4,506,653, Cl. 126-69.000.
Bigelow, Stephen L.: *See—*
  Carlin, John A.; and Bigelow, Stephen L., 4,534,557, Cl. 273-55.00A.
Bigelow, William S.: *See—*
  Bigelow, Lavell M.; Bigelow, Robert D.; and Bigelow, William S., 4,506,653, Cl. 126-69.000.
Bigg, Dennis; and Menin, Jacques, to Synthelabo. 2-(Inden-2-yl)-imidazoline derivatives, process for their preparation and pharmaceutical compositions containing them. 4,559,356, 12-17-85, Cl. 514-401.000.
Bigg, Dennis: *See—*
  Schneider, Roland; Warolin, Christian; and Bigg, Dennis, 4,529,730, Cl. 514-319.000.
Biggers, Rececca L.: *See—*
  Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., 4,530,131, Cl. 15-321.000.
Biggs, Lawrence G.; and Radochonski, Pierre, to Tektronix, Inc. Method and apparatus for avoiding the drying of ink in the ink jets of ink jet printers. 4,540,997, 9-10-85, Cl. 346-140.00R.
Bigot, Bernard, to Rhone-Poulenc Industries. Production of concentrated phosphoric acid and hemihydrated calcium [illegible]te. 4,524,057, 6-18-85, Cl. 423-555.000.
Bigot, Jean: *See—*
  Goursat, Albert-Gilbert; Vernet, Gilles; Rim[illegible] Je[illegible]n-Francis; Foulard, Jean; Darle, Thierry; and Bigot, J[illegible] 4[illegible]21,244, Cl. 75-0.50B.
Bigret, Roland, to Alsthom-Atlantique. Device for applying imbalance to a rotor. 4,517,822, 5-21-85, Cl. 73-1.00B.
Bihl, Claudia J., to Kirby, Theodore A. Universal size arm sling. 4,526,164, 7-2-85, Cl. 128-94.000.
Bihler, Franz; and Abele, Anton, to Kleindienst GmbH. Stair-climbing apparatus for wheelchair. 4,556,229, 12-3-85, Cl. 280-5.220.
Bihlmayer, Gustav: *See—*
  Schnell, Peter; Bihlmayer, Gustav; and Daume, Dietrich, 4,543,145, Cl. 156-231.000.
Bijou, Joseph V.: *See—*
  Baecker, Donald R.; and Bijou, Joseph V., 4,532,617, Cl. 367-19.000.
Bijur Lubricating Corp.: *See—*
  Keller, Philip J., 4,494,913, Cl. 417-349.000.
Bikson, Benjamin; Coplan, Myron J.; and Gotz, Gertrud, to Albany International Corp. Compositions and method of preparation by chlorosulfonation of difficultly sulfonatable poly(ether sulfone). 4,508,852, 4-2-85, Cl. 521-27.000.
Bilan, Inc.: *See—*
  Cross, Ronald H., 4,494,380, Cl. 62-3.000.
Bilberry, Johnny B. Neck support. 4,501,023, 2-26-85, Cl. 2-2.000.
Bilbrey, Robert A.; and Koball, Bruce R., to Universal Supply, Inc.; and Towers, Edward F. Opto-mechanical cursor positioning device. 4,543,571, 9-24-85, Cl. 340-710.000.
Bilco Company, The: *See—*
  Lyons, Robert J., 4,546,855, Cl. 182-106.000.
Bilco Tools, Inc.: *See—*
  Coyle, William E., Sr., 4,552,041, Cl. 81-470.000.
Bilde, Rene: *See—*
  Vazquez, Miguel; and Bilde, Rene, 4,491,284, Cl. 242-83.000.
Bildstein, Hubert: *See—*
  Petter, Helmut; Bildstein, Hubert; and Simader, Fritz, 4,516,255, Cl. 378-143.000.
Bildusas, Leon L., to Eschem Inc. Resealable articles and process. 4,500,021, 2-19-85, Cl. 225-49.000.
Bilek, Paul J.; Flinn, Richard A.; McCluhan, Thomas K.; and Trojan, Paul K., to Elkem Metals Company. Alloy useful for producing ductile and compacted graphite cast irons. 4,545,817, 10-8-85, Cl. 75-123.00E.
Bilen, Roger J., to Owens-Corning Fiberglas Corporation. Rotary fiber forming method and apparatus. 4,544,393, 10-1-85, Cl. 65-6.000.
Bilgutay, Ilhan M. Four function vital sign monitor. 4,517,986, 5-21-85, Cl. 128-671.000.
Bilik, Charles W.: *See—*
  Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., 4,521,161, Cl. 417-68.000.
  Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., 4,551,070, Cl. 417-68.000.
Bilimoria, Bomi M.; and May, Anthony A., to Anglo-American Clays Corporation. Beneficiation of clays by froth flotation. 4,518,491, 5-21-85, Cl. 209-166.000.
Bilimoria, Bomi M.: *See—*
  Cook, Jerry A.; Garner, Robert H.; Turner, Ralph E., Jr.; and Bilimoria, Bomi M., 4,561,597, Cl. 241-17.000.
Bilka, Kenneth P.: *See—*
  Cherukuri, Subraman R.; Bilka, Kenneth P.; and Hriscisce, Frank T., 4,497,832, Cl. 426-5.000.
Bilkie, Robert M. Tap duct crimping tool. 4,553,422, 11-19-85, Cl. 72-458.000.
Bill, Jacob C., to North American Philips Corporation. Radiation hardenable coating and electronic components coated therewith. 4,533,975, 8-6-85, Cl. 361-323.000.
Bill, Rudolf; and Wolf, Rainer, to Sandoz Ltd. Flameproofing composition for polypropylene comprising a halogenated alkylaryl ether, an organo-tin compound and a sterically hindered phenol or bisphenol. 4,532,287, 7-30-85, Cl. 524-343.000.
Billard, Alain A.; Calmettes, Hubert C.; and Encoyand, Roland C., to Etienne LaCroix - Tous Artifices. Infrared decoy launching device to

be deployed rapidly with a double safety device. 4,498,392, 2-12-85, Cl. 102-342.000.

Billard, Alain A.; and Santalucia, Andre R., to Etienne LaCroix - Tous Artifices. Electromagnetic decoy launching device, in particular for an aircraft. 4,517,896, 5-21-85, Cl. 102-342.000.

Billard, Alain A.; Santalucia, Andre R.; and Breseghello, Christian, to Etienne Lacroix - Tous Artifices. Securing apparatus for modules carried on aircraft, in particular for flare launching modules. 4,524,670, 6-25-85, Cl. 89-1.530.

Billard, Alain A.; Calmettes, Hubert C.; and Santalucia, Andre, to Etienne Lacroix - Tous Artifices. Cartridge for launching electromagnetic decoys with multiple charges. 4,549,489, 10-29-85, Cl. 102-505.000.

Billcon Co., Ltd.: *See—*
Sasaki, Tsutomu, 4,561,457, Cl. 133-3.00G.

Billenstein, Siegfried; Hartung, Herbert; May, Adolf; and Bucking, Hans-Walter, to Hoechst Aktiengesellschaft. Quaternary N-alkyl-N,N′,N′-polyoxyalkyl-α,ω-diamino-alkylene fatty acid esters, and their use. 4,515,723, 5-7-85, Cl. 260-404.500.

Biller, Cleveland J.: *See—*
Peters, Penn A.; Biller, Cleveland J.; and Johnson, David D., 4,500,004, Cl. 212-80.000.

Biller, Sven-Olov, to KOCKUMS Industri AB. Self-centering feeding device. 4,510,981, 4-16-85, Cl. 144-246.00F.

Billerbeck, Gerd: *See—*
Endel, Dieter; and Billerbeck, Gerd, 4,550,459, Cl. 5-437.000.

Billet, Gilles: *See—*
Fournier, Andre; and Billet, Gilles, 4,496,919, Cl. 335-5.000.

Billet, Maurice; and Lallement, Serge, to Compagnie des Produits Industriels de l'Ouest. Protective bellows, particularly for the front wheel drive of a motor vehicle. 4,556,399, 12-3-85, Cl. 464-175.000.

Billet, Reinhard; Kober, Rainer; Mackowiak, Jerzy; and Geipel, Werner, to Paul Rauschert GmbH & Co. KG. Annular filling member for gas-liquid contact. 4,522,767, 6-11-85, Cl. 261-94.000.

Billet, Reinhard; Kober, Rainer; Mackowiak, Jerzy; and Geipel, Werner, to Paul Rauschert GmbH & Co. KG. Saddle filling member for gas-liquid contact. 4,537,731, 8-27-85, Cl. 261-94.000.

Billet, Rene, to Societe Anonyme Francaise du Ferodo. Method of reconditioning a diaphragm friction clutch and reconditionable clutch mechanism. 4,502,198, 3-5-85, Cl. 29-402.080.

Billet, Rene, to Valeo. Clutch cover assembly with retaining lugs for the pressure plate. 4,560,055, 12-24-85, Cl. 192-109.00R.

Billeter, Henry R., to Sloan Valve Company. Combination air cylinder and hydraulic slack adjuster. 4,494,631, 1-22-85, Cl. 188-153.00R.

Billi, Roberto; and Copperi, Maurizio, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Digital echo-cancellation method and circuit arrangement. 4,558,187, 12-10-85, Cl. 179-170.200.

Billiet, Colin T., to Domnick Hunter Filters Ltd. Apparatus for treating compressed air for breathing purposes. 4,537,748, 8-27-85, Cl. 422-122.000.

Billig, Ernst: *See—*
Abatjoglou, Anthony G.; and Billig, Ernst, 4,522,933, Cl. 502-161.000.

Billing, Lars. Arrangement in apparatus for mechanical nailing. 4,496,092, 1-29-85, Cl. 227-149.000.

Billing, Ralph S.: *See—*
Bittner, John R.; Billing, Ralph S.; and Stewart, Robert T., Jr., 4,543,002, Cl. 400-212.000.

Billings, Bruce J., to Durr Industries, Inc. Oven heat exchanger. 4,544,526, 10-1-85, Cl. 422-173.000.

Billings, Jeff. Excavator bucket with retractable scraper and scarifier. 4,512,090, 4-23-85, Cl. 37-117.500.

Billings, Philip A.; and Franks, William S., Jr., to Xerox Corporation. Printing machine with static elimination system. 4,494,166, 1-15-85, Cl. 361-214.000.

Billings, Philip A., to Xerox Corporation. Sheet decurling mechanism. 4,505,695, 3-19-85, Cl. 493-459.000.

Billings, Ralph S.: *See—*
Bittner, John R.; Berrey, Harry R.; and Billings, Ralph S., 4,504,051, Cl. 270-40.000.

Billings, Raymond J., to Software Distribution Newtork, Inc. Secure copy method and device for stored programs. 4,550,350, 10-29-85, Cl. 360-15.000.

Billings, Robert C.: *See—*
May, Marvin M.; Billings, Robert C.; Kendall, Harry A.; and Bayorgeon, Jeffrey T., 4,555,091, Cl. 254-267.000.

Billings, William G., to Phillips Petroleum Company. Zinc oxide-char gasification process. 4,496,370, 1-29-85, Cl. 48-197.00R.

Billingsley, Henry C.; and Clark, Amos M., to Outboard Marine Corporation. Dual fuel supply system. 4,499,887, 2-19-85, Cl. 123-575.000.

Billingsley, James D.; and Moore, Fergus E., to LTV Aerospace and Defense Company. Predetection processing of optical information. 4,524,385, 6-18-85, Cl. 358-113.000.

Billingsley, James D., to LTV Aerospace and Defense Company. Dynamic infrared scene projector. 4,530,010, 7-16-85, Cl. 358-231.000.

Billington, Donald G.; Brooker, Reginald D.; Powell, Harry; Walker, Roger; Wilkins, David R. G.; and Weaver, Stuart, to McCorquodale Machine Systems Limited. Printing in register on sheets. 4,552,065, 11-12-85, Cl. 101-93.330.

Billington, Richard W.; Blackwell, Gordon B.; and Prodger, Terence E., to Dentsply Limited. Polyethylenically unsaturated monophosphates. 4,514,342, 4-30-85, Cl. 260-952.000.

Billington, Robert L., to Storage Technology Corporation. Magnetoresistive transducer using an independent recessed electromagnetic bias. 4,523,243, 6-11-85, Cl. 360-113.000.

Billman, Timothy B., to AMP Incorporated. High current connector. 4,552,425, 11-12-85, Cl. 339-47.00R.

Billman, Timothy B.; Coller, James R.; and Marpoe, Gary R., Jr., to AMP Incorporated. Socket for surface mount dip. 4,560,218, 12-24-85, Cl. 339-17.0CF.

Billon, Alain; Le Page, Jean-Francois; and Peries, Jean-Pierre, to Institut Francais du Petrole. Process for converting a highly viscous hydrocarbon charge to a less viscous, more easily transportable and more easily refinable hydrocarbon fraction. 4,498,974, 2-12-85, Cl. 208-96.000.

Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, to Institut Francais du Petrole. Heavy oil process with hydrovisbreaking, hydrodemetallation and hydrodesulfuration. 4,510,042, 4-9-85, Cl. 208-59.000.

Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, to Institut Francais du Petrole. Heavy oil process with hydrodemetallation, hydrovisbreaking and hydrodesulfuration. 4,511,458, 4-16-85, Cl. 208-59.000.

Billon, Alain; Peries, Jean-Pierre; and Quignard, Alain, to Institut Francais du Petrole. Process for the treatment of highly viscous heavy oils at the oil field to effect desalting and transportability thereof. 4,533,462, 8-6-85, Cl. 208-88.000.

Billon, Alain: *See—*
Toulhoat, Herve; Plumail, Jean-Claude; Billon, Alain; and Quignard, Alain, 4,498,972, Cl. 208-59.000.

Billon-Pierron, Claude; Chavand, Jean; and Peccoud, Michel, to Commissariat a l'Energie Atomique. Wire cutting process and apparatus. 4,528,435, 7-9-85, Cl. 219-69.00M.

Bills, Kenneth W., Jr.; and Svob, Gerald J., to United States of America, Air Force. Simultaneous incremental strain/incremental temperature analog device for, and method, of testing for stress response. 4,523,475, 6-18-85, Cl. 73-781.000.

Bilofsky, Ruth C.: *See—*
Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,520,189, Cl. 528-331.000.
Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,521,588, Cl. 528-363.000.
Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,525,413, Cl. 428-212.000.

Bilotti, Federico: *See—*
Rothfuss, Robert G.; Kuhl, David K.; Bilotti, Federico; Melling, Hugh; and Mills, Earl J., 4,534,351, Cl. 128-334.00R.

Bilow, Norman; and Hermansen, Ralph D., to Hughes Aircraft Company. Method of making an epoxy prepolymer curing agent. 4,534,882, 8-13-85, Cl. 252-182.000.

Bilsing, Alfred. Conveyor robot. 4,492,511, 1-8-85, Cl. 414-744.00A.

Bilson, Edward B., to ITT Corporation. Luminaire door hinge. 4,523,693, 6-18-85, Cl. 220-337.000.

Bilstad, Arnold C.; Foley, John T.; and Woodworth, Walker P., to Baxter Travenol Laboratories, Inc. Trans-membrane pressure monitoring system. 4,493,693, 1-15-85, Cl. 604-6.000.

Bilstad, Arnold C.; Foley, John T.; and Woodworth, Walker P., to Baxter Travenol Laboratories, Inc. Pressure cuff draw mode enhancement system and method for a single needle blood fractionation system. 4,498,983, 2-12-85, Cl. 210-97.000.

Bilstad, Arnold C.; and Foley, John T., to Baxter Travenol Laboratories, Inc. Control circuit for a blood fractionation apparatus. 4,501,531, 2-26-85, Cl. 417-63.000.

Bily, Robert R. Starter cultures of improved activity for dairy products and process of making same. 4,544,636, 10-1-85, Cl. 435-253.000.

Bilyeu, Delford D., to Grumman Emergency Products, Inc. Pneumatic fire pump pressure controller. 4,492,525, 1-8-85, Cl. 417-34.000.

Bilz, Axel: *See—*
Hofle, Lothar; and Autenrieth, Veit, 4,547,105, Cl. 408-141.000.

Bilz, Reiner: *See—*
Hofle, Lothar; and Autenrieth, Veit, 4,547,105, Cl. 408-141.000.

Bimax Controls, Inc.: *See—*
Anderson, Arthur H., 4,527,733, Cl. 236-41.000.

Bimber, Russell M.: *See—*
Cryberg, Richard L.; and Bimber, Russell M., 4,528,400, Cl. 568-314.000.

Binaghi, Marco: *See—*
Fiore, Leonardo; Binaghi, Marco; and Bonicelli, Ugo, 4,503,190, Cl. 525-108.000.

Binard, Luc Andre M. G., to Studiecentrum voor Kernenergie, S.C.K. Equipment for determining the position of a metal body in a medium with low electric conductivity. 4,552,134, 11-12-85, Cl. 128-1.500.

Bindel, Rudolf; and Ruoff, Eugen, to Elring Dichtungswerke GmbH. Cylinder head gasket. 4,500,100, 2-19-85, Cl. 277-235.00B.

Binder, Adam. Device for harnessing wind energy including shock absorber. 4,496,848, 1-29-85, Cl. 290-55.000.

Binder, Berthold; and Purrer, Josef, to Klockner-Humboldt-Deutz AG Zweigniederlassung Fahr. Chopping arrangement. 4,555,065, 11-26-85, Cl. 241-241.000.

Binder, Dieter, to Leavoson-Gesellschaft m.b.H. & Co. KG. Derivatives of thienylacetic acid amides and their pharmaceutically acceptable acid salts and a process for the preparation thereof. 4,499,286, 2-12-85, Cl. 548-527.000.

Binder, Dieter: *See—*
Pfister, Rudolf; Zeller, Paul; Binder, Dieter; and Hromatka, Otto, 4,544,655, Cl. 514-222.000.

Binder, George G., Jr.: *See—*
Tsao, Yuh-hwang; and Binder, George G., Jr., 4,519,452, Cl. 166-288.000.

Binder, Germaine; and Kremer, Bernard, to Thomson-Brandt. Insulated multiwire electric cable having protected solderable and non-heat-sealing conductors. 4,524,241, 6-18-85, Cl. 174-119.00R.

Binder, Jean-Jacques; and Cherbuy, Bernard, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Apparatus for removing excess developer particles on the surface of a recording element. 4,538,321, 9-3-85, Cl. 15-306.00R.

Binder, Karl-Franz: *See—*
- Czermak, Ladislaus; Steinhart, Winfried; Binder, Karl-Franz; and Steinhart, Paul, 4,543,033, Cl. 414-732.000.

Binder, Klaus: *See—*
- Krauss, Robert; and Binder, Klaus, 4,549,668, Cl. 220-203.000.

Binder, Kurt: *See—*
- Gast, Theodor; Binder, Kurt; and Honig, Gunter, 4,493,215, Cl. 73-861.180.
- Gast, Theodor; Kubach, Hans; and Binder, Kurt, 4,512,549, Cl. 251-137.000.

Binder, Michael; Petersen, Eric R.; Walker, Charles W., Jr.; Wade, William L., Jr.; and Gilman, Sol, to United States of America, Army. Method of making a porous carbon cathode, a porous carbon cathode so made, and electrochemical cell including the porous carbon cathode. 4,514,478, 4-30-85, Cl. 429-196.000.

Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, to United States of America, Army. Method of pretreating carbon black powder to improve cathode performance and lithium sulfuryl chloride cell including the pretreated carbon black powder. 4,526,881, 7-2-85, Cl. 502-101.000.

Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, to United States of America, Army. Method of pretreating carbon black powder to improve cathode performance and lithium sulfuryl chloride cell including the pretreated carbon black powder. 4,543,305, 9-24-85, Cl. 429-101.000.

Binder, Michael: *See—*
- Walker, Charles W., Jr.; Wade, William L., Jr.; Binder, Michael; and Gilman, Sol, 4,560,628, Cl. 429-105.000.

Binder, Paul B.; and Kroninger, Paul M., Jr., to General Signal Corporation. Electrical feedthrough means for pressure transducer. 4,536,820, 8-20-85, Cl. 361-283.000.

Binder, Rolf; Hanselmann, Daniel; and Schlepfer, Walter, to Rieter Machine Works, Ltd. Apparatus for opening textile fiber bales. 4,513,479, 4-30-85, Cl. 19-80.00R.

Bindernagel, Ali: *See—*
- Faste, Heinrich; and Bindernagel, Ali, 4,523,622, Cl. 164-66.100.

Bindl, Max; and Reusch, Heinz. Liquid boiler, particularly utility-water boiler. 4,510,891, 4-16-85, Cl. 122-32.000.

Bindl, Max. Utility water boiler. 4,524,726, 6-25-85, Cl. 122-13.00R.

Bindra, Perminder S.; David, Allan P.; Galasco, Raymond T.; Gasdik, Charles E.; Light, David N.; and Pickar, Paul B., to International Business Machines Corporation. Copper plating bath having increased plating rate, and method. 4,540,473, 9-10-85, Cl. 204-52.00R.

Binet, Jean: *See—*
- Wick, Alexander E.; and Binet, Jean, 4,515,814, Cl. 514-652.000.

Binev, Binio: *See—*
- Eckhardt, Erich; Schmitt, Karl; Grone, Wolfgang; and Binev, Binio, 4,553,620, Cl. 180-6.480.

Binge, Derek S.: *See—*
- Olikara, Philip; and Binge, Derek S., 4,561,614, Cl. 244-173.000.

Binggeli, Bruno K.: *See—*
- Kiess, Helmut G.; Binggeli, Bruno K.; and Derendinger, Max, 4,557,885, Cl. 264-105.000.
- Kiess, Helmut G.; Binggeli, Bruno K.; and Derendinger, Max, 4,557,886, Cl. 264-105.000.

Binggeli, Rudolf, to Emil Suter Maschinenfabrik AG. Seam folding machine. 4,538,334, 9-3-85, Cl. 29-243.500.

Bingham, David, to Intersil, Inc. Class AB amplifier. 4,529,948, 7-16-85, Cl. 330-264.000.

Bingham, David; Evans, Lee L.; and Bradshaw, Peter D., to Intersil, Inc. Digitally switched analog signal conditioner. 4,546,324, 10-8-85, Cl. 330-9.000.

Bingham, David, to Intersil, Inc. High speed charge balancing comparator. 4,547,683, 10-15-85, Cl. 307-355.000.

Bingham, F. Emmett: *See—*
- Fenton, Donald M.; Delaney, Dennis D.; and Bingham, F. Emmett, 4,508,537, Cl. 23-293.00S.

Bingham, Grady A., to Thermal Concepts, Inc. Earth-type heat exchanger for heat pump system. 4,516,629, 5-14-85, Cl. 165-45.000.

Bingham, Joseph P.; and Hatch, Douglas J., to North American Philips Corporation. Method and apparatus for controlling access to selected television programs. 4,521,809, 6-4-85, Cl. 358-120.000.

Bingham, Lawrence K.: *See—*
- Sutch, George T., 4,561,194, Cl. 34-229.000.

Bingham, Robert E.; Durst, Richard R.; Fabris, Hubert J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., to General Tire & Rubber Company, The. Solution polymerization. 4,503,204, 3-5-85, Cl. 526-187.000.

Bingham, Wallace K., to Minnesota Mining and Manufacturing Company. Threads for identification of garments. 4,527,383, 7-9-85, Cl. 57-200.000.

Bingham, Wallace K., to Minnesota Mining and Manufacturing Company. Thermally stable flame retardant reflective and retroreflective trim. 4,533,592, 8-6-85, Cl. 428-213.000.

Bingler, Douglas J., to Milton Roy Company. Shaft driven pump without seals. 4,526,507, 7-2-85, Cl. 415-170.00B.

Bingler, Douglas J., to Milton Roy Company. Injection molded sliding vane pump. 4,543,228, 9-24-85, Cl. 264-275.000.

Bingley, John D., to RCA Corporation. Cold start surge current limiting system for a hydrazine thruster augmentation heater. 4,523,429, 6-18-85, Cl. 60-203.100.

Bingmann, Horst, to Hoechst Aktiengesellschaft. Fluorane compounds. 4,508,904, 4-2-85, Cl. 546-196.000.

Binion, W. Sidney. Reticle display for small arms. 4,561,204, 12-31-85, Cl. 42-1.0ST.

Binkley, Bruce I., to Energy Exchange Systems. Battery recharger. 4,540,929, 9-10-85, Cl. 320-2.000.

Binks Manufacturing Company: *See—*
- Cavanaugh, James E.; Hetherington, Robert D.; and Parmley, Thomas A., 4,516,725, Cl. 239-127.000.
- Culbertson, Samuel W.; and Dixon, George, 4,537,357, Cl. 239-290.000.
- Gerdes, Donald F.; and Telchuk, Steve E., 4,521,227, Cl. 55-225.000.
- Pomponi, Edward A., Jr., 4,526,191, Cl. 137-206.000.
- Smith, David H., 4,513,913, Cl. 239-119.000.
- Smith, David H., 4,518,121, Cl. 239-526.000.

Binks, Richard H.; and Christ, Frederick C., to Armco Inc. Jet pump for oil wells. 4,504,195, 3-12-85, Cl. 417-172.000.

Binks, Ronald; Rehak, Anthony S.; and Sinberg, Howard, to Siemens Corporate Research & Support, Inc. Circuit for switching between ring signal and message waiting signal without bell tap. 4,533,792, 8-6-85, Cl. 179-84.00C.

Binley, Gary N., to Thomas J. Lipton, Inc. Process for forming extruded ice confections and products formed thereby. 4,504,511, 3-12-85, Cl. 426-565.000.

Binnewies, Hartmut: *See—*
- Muller, Alf; Schobbe, Hermann; Loper, Bernd; and Binnewies, Hartmut, 4,533,184, Cl. 301-63.00R.

Binnie, Kevin D., to K. D. Binnie Engineering Pty. Ltd. Seaming machine for mufflers. 4,513,487, 4-30-85, Cl. 29-243.500.

Binnig, Fritz; Mueller, Claus D.; Raschack, Manfred; and von Philipsborn, Gerda, to BASF Aktiengesellschaft. Bispidine derivatives and antiarrhythmic compositions. 4,556,662, 12-3-85, Cl. 514-300.000.

Binnig, Gerd K.; and Gerber, Christoph E., to International Business Machines Corporation. Method and dilution refrigerator for cooling at temperatures below 1° K. 4,499,737, 2-19-85, Cl. 62-56.000.

Binnig, Gerd K.; Gerber, Christoph E.; Rohrer, Heinrich; and Weibel, Edmund, to International Business Machines Corporation. Method for depositing material with nanometer dimensions. 4,539,089, 9-3-85, Cl. 204-192.00R.

Binnig, Gerd K.; Feenstra, Randall M.; Hodgson, Rodney T.; Rohrer, Heinrich; and Woodall, Jerry M., to International Business Machines Corporation. Narrow line width pattern fabrication. 4,550,257, 10-29-85, Cl. 250-492.200.

Binnig, Rupert; Gerlach, Gunter; Nilles, Peter; and Pankatz, Jurgen, to Seitz Enzinger Noll Maschinenbau Aktiengesellschaft. Method and apparatus for cleaning containers. 4,512,811, 4-23-85, Cl. 134-10.000.

Binoeder, Peter P.; and Whitacre, James B., to Burroughs Corporation. Adjustable system for skew comparison of digital signals. 4,542,505, 9-17-85, Cl. 371-1.000.

Binsack, Rudolf; Rempel, Dieter; Lindner, Christian; and Morbitzer, Leo, to Bayer Aktiengesellschaft. Thermoplastic polyester moulding compositions which have good impact strength. 4,535,124, 8-13-85, Cl. 525-67.000.

Binsack, Rudolf: *See—*
- Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, 4,515,918, Cl. 524-504.000.

Binz GmbH & Co.: *See—*
- Lehmann, J. C. Ludwig, 4,523,078, Cl. 219-202.000.

Binz, Reiner; and Pointner, Norbert, to Siemens Aktiengesellschaft. Time slot multiplex system for the division multiplexing of digital communication signals. 4,512,014, 4-16-85, Cl. 370-84.000.

Bio-Care Incorporated: *See—*
- Miller, Gregory R.; and Clark, Steven G., 4,505,128, Cl. 62-272.000.
- Miller, Gregory R.; and Clark, Steven G., 4,545,790, Cl. 55-161.000.

Bio-Chem Valve Corp.: *See—*
- Lawrence, John N.; and Sandor, Istvan, 4,524,802, Cl. 137-595.000.

Bio Clinic Company: *See—*
- Wagner, Bill L., Sr., 4,550,547, Cl. 53-430.000.

Bio-Organics, Inc.: *See—*
- Tenzer, Abraham I., 4,551,164, Cl. 71-6.000.

Bio-Plas, Inc.: *See—*
- DeVaughn, Donald H., 4,542,833, Cl. 215-319.000.

Bio-Rad Laboratories, Inc.: *See—*
- Baran, Madelyn M.; and Bleile, Dennis M., 4,511,662, Cl. 436-513.000.
- Delony, Timothy E.; and Chu, Daniel Y. M., 4,518,476, Cl. 204-299.00R.
- Fernwood, George G.; and Burd, Samuel, 4,493,815, Cl. 422-101.000.
- La Motte, George B., III; and Burd, Samuel, 4,493,896, Cl. 435-287.000.

Bio-Response, Inc.: *See—*
- Rose, Sam, 4,508,819, Cl. 435-1.000.

Bio-Scan, Inc.: *See—*
- Sams, Marvin W.; and Wasson, Samuel L., 4,503,860, Cl. 128-639.000.

Bio-Specifics N.V.: *See—*
- Pinnell, Sheldon R., 4,524,065, Cl. 424-94.000.

Bio-Support Industries Limited: *See—*
- Roberts, Frank L., 4,556,254, Cl. 297-460.000.

- Biochemie Gesellschaft m.b.H.: *See—*
  - Naschberger, Stefan, 4,539,036, Cl. 71-11.000.
  - Prager, Bernhard C.; Punk, Peter; and Thaler, Heinrich, 4,562,253, Cl. 544-19.000.
- Biocon, Inc.: *See—*
  - Yount, Gary L., 4,521,304, Cl. 210-96.100.
- Biogal Gyogyszergyar: *See—*
  - Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.
- Biogen N.V.: *See—*
  - Weissmann, Charles, 4,530,901, Cl. 435-70.000.
- Biogram AB: *See—*
  - af Ekenstam, Bo T.; Glantz, Per-Olof; and Larsson, Kare, 4,557,935, Cl. 424-130.000.
- Biolectron, Inc.: *See—*
  - Brighton, Carl T.; and Pollack, Solomon R., 4,535,775, Cl. 128-419.00F.
  - Dugot, Richard S., 4,509,520, Cl. 128-419.00F.
- Biomasa, S.A.: *See—*
  - Zuloaga, Jose M. A., 4,537,362, Cl. 241-101.700.
- Biomatics Inc.: *See—*
  - Gardos, Ivan, 4,530,304, Cl. 118-66.000.
  - Gardos, Ivan, 4,535,585, Cl. 53-247.000.
- Biomatrix, Inc.: *See—*
  - Balazs, Endre A.; and Leshchiner, Adolf, 4,500,676, Cl. 525-54.200.
- Biomeasure, Inc.: *See—*
  - Kim, Sun H.; and Moreau, Jacques-Pierre, 4,495,193, Cl. 514-385.000.
  - Kim, Sun K., 4,496,540, Cl. 514-19.000.
- Biomedica Foscama Industria Chimico Farmaceutica S.p.A.: *See—*
  - Perri, Giulio C.; Bianco, Tommaso; and Piccirilli, Beniamino, 4,530,902, Cl. 435-105.000.
- Biomedics, Inc.: *See—*
  - Babb, Albert L., 4,528,178, Cl. 424-7.100.
  - Entrekin, Robert R., 4,503,861, Cl. 128-661.000.
- Biomelktechnik Hoefelmayr & Co.: *See—*
  - Hoefelmayr, Tilman; and Maier, Jakob, 4,499,854, Cl. 119-14.320.
  - Hoefelmayr, Tilman, 4,558,843, Cl. 251-61.000.
- Biomet, Inc.: *See—*
  - McDaniel, John, 4,501,266, Cl. 128-69.000.
- Bion Corporation: *See—*
  - Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., 4,499,771, Cl. 73-632.000.
  - Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., 4,507,968, Cl. 73-626.000.
- Biond Inc.: *See—*
  - Hirschfeld, Steven, 4,514,508, Cl. 436-518.000.
- Biondetti, Mario; and Baur, Roland, to Escher Wyss Aktiengesellschaft. Method and apparatus for washing stock suspensions by removing undesired material through an endless wire. 4,501,040, 2-26-85, Cl. 8-156.000.
- Biondetti, Mario, to Escher Wyss Aktiengesellschaft. Wire machine, for dewatering stock suspensions. 4,501,662, 2-26-85, Cl. 210-391.000.
- Bione, Angelo A.; and Bagus, Brian M., to Marmon Group, Inc., The. Dynamic controller for sampling channels in an electronic organ having multiplexed keying. 4,524,665, 6-25-85, Cl. 84-1.010.
- BioNexus, Inc.: *See—*
  - Bolduc, Lee R., 4,547,188, Cl. 604-55.000.
- Biorcio, Luciano; and Mensi, Carlo, to P. D. George Co., The; and Industrie Vernici Italiane S.p.A. Phenoxy resins and use thereof in electric insulation. 4,526,912, 7-2-85, Cl. 523-456.000.
- BioResearch Inc.: *See—*
  - Kurtz, Leonard D.; and LiCausi, Joseph, 4,500,308, Cl. 604-4.000.
  - Kurtz, Leonard D.; and LiCausi, Joseph, 4,501,581, Cl. 604-52.000.
  - Kurtz, Leonard D., 4,521,365, Cl. 264-306.000.
  - Kurtz, Robert J.; and LiCausi, Joseph, 4,495,943, Cl. 128-80.00A.
  - Kurtz, Robert J.; and LiCausi, Joseph, 4,550,722, Cl. 128-80.00A.
- Bioresearch S.p.A.: *See—*
  - Gennari, Federico, 4,543,408, Cl. 536-26.000.
  - Gennari, Federico, 4,558,122, Cl. 536-26.000.
- Biorex Laboratories Limited: *See—*
  - Baxendale, Lily; and Gottfried, Siegfried, 4,548,950, Cl. 514-510.000.
- Biorganic Energy, Inc.: *See—*
  - Paton, Robert, 4,503,154, Cl. 435-167.000.
- Biosonics, Inc.: *See—*
  - Brenman, Henry S.; Katz, Philip; and Singer, Mark, 4,510,939, Cl. 128-639.000.
  - Brenman, Henry S.; Katz, Philip; and Beatty, Graydon E., 4,519,400, Cl. 128-741.000.
  - Brenman, Henry S.; Katz, Philip; and Schwartz, Harold L., 4,542,753, Cl. 128-788.000.
- Biosound, Inc.: *See—*
  - Ballinger, Dale O., 4,532,615, Cl. 367-87.000.
  - Buon, Georges; and Fidel, Howard, 4,494,548, Cl. 128-660.000.
  - Lee, Paul P., 4,523,471, Cl. 73-626.000.
- Biostim, Inc.: *See—*
  - Ferreira, Lloyd A.; and Mannheimer, Jeffrey S., 4,561,851, Cl. 434-272.000.
- Biotechnology Development Corporation: *See—*
  - Cook, Edward J.; and Lagace, Arthur P., 4,533,254, Cl. 366-176.000.
- Biotek, Inc.: *See—*
  - Loeb, Marvin P.; and Olson, Arne M., 4,525,164, Cl. 604-131.000.
- Biotest Pharma GmbH: *See—*
  - Kothe, Norbert; and Eichentopf, Bertram, 4,526,715, Cl. 260-112.00B.
- Biotest-Serum-Institut GmbH: *See—*
  - Kotitschke, Ronald; and Stephan, Wolfgang, 4,503,039, Cl. 424-101.000.
  - Sonneborn, Hans H.; Schwulera, Udo; and Schleussner, Hans, 4,508,833, Cl. 436-543.000.
- Biotronics: *See—*
  - Hofmann, Gunter A., 4,561,961, Cl. 204-299.00R.
- BIP Chemicals Limited: *See—*
  - Carter, Moira A.; and Barrell, Kenneth, 4,562,215, Cl. 523-220.000.
  - Williams, Richard S.; and Daniels, Terry, 4,492,782, Cl. 524-293.000.
  - Williams, Richard S., 4,540,729, Cl. 524-114.000.
- Bipel Limited: *See—*
  - Gilbert, Barrie W., 4,521,172, Cl. 425-73.000.
- Birch, Charles H. Method for underground burning of coal for energy. 4,557,328, 12-10-85, Cl. 166-256.000.
- Birch, James R., to Dow Chemical Company, The. Continuous polymerization of water-miscible polymers. 4,530,979, 7-23-85, Cl. 526-64.000.
- Birch, Robert G.; and Patil, Suresh S., to University of Hawaii. Antibiotic and process for the production thereof. 4,525,354, 6-25-85, Cl. 424-115.000.
- Birch, Ulrich: *See—*
  - Ott, Hans; Boegli, Rolf; Birch, Ulrich; Kipphan, Helmut; and Loffler, Gerhard, 4,505,589, Cl. 356-402.000.
- Birch, William A., to Motorola, Inc. TTL Flip-flop with clamping diode for eliminating race conditions. 4,491,745, 1-1-85, Cl. 307-272.00A.
- Birchak, James R., to NL Industries, Inc. Parametric acoustic flow meter. 4,532,812, 8-6-85, Cl. 73-861.270.
- Birchall, Gerrard A.: *See—*
  - Clifford, Richard P.; and Birchall, Gerrard A., 4,539,071, Cl. 162-161.000.
- Birchall, William R.: *See—*
  - Howell, Samuel G.; and Birchall, William R., 4,497,782, Cl. 423-184.000.
- Birckhead, Robert W., to Alpine Engineered Products, Inc. Method of manufacturing a connector plate, connector plate and machine for manufacturing connector plate. 4,549,838, 10-29-85, Cl. 411-468.000.
- Bird, Bertram: *See—*
  - Fitzgerald-Smith, James P.; Bird, Bertram; and Willis, Michael, 4,520,523, Cl. 14-2.400.
- Bird, Clive W.; Butler, Helene I.; Caton, Michael P. L.; Coffee, Edward C. J.; Darnbrough, Geoffrey; and Hart, Terance W., to May & Baker Limited. Prostaglandin analogues. 4,517,202, 5-14-85, Cl. 514-530.000.
- Bird, David: *See—*
  - Acklam, Donald J.; Bird, David; and Hill, Graham A., 4,513,235, Cl. 318-685.000.
- Bird Electronic Corporation: *See—*
  - Mecklenburg, Frank H., 4,547,728, Cl. 324-95.000.
- Bird, George E.: *See—*
  - Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., 4,527,745, Cl. 239-600.000.
- Bird, George R.: *See—*
  - Custer, Peter A.; and Bird, George R., 4,551,827, Cl. 369-101.000.
- Bird, Graham J.: *See—*
  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; and Farquharson, Graeme J., 4,511,391, Cl. 71-88.000.
  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; Farquharson, Graeme J.; and Houston, Timothy L., 4,555,263, Cl. 71-98.000.
- Bird, John K.: *See—*
  - Sweeney, Charles T.; and Bird, John K., 4,496,441, Cl. 204-98.000.
- Bird Machine Company, Inc.: *See—*
  - Flynn, Peter J., 4,512,888, Cl. 210-221.200.
- Bird, Peter H.: *See—*
  - Mao, Raymond L. V.; and Bird, Peter H., 4,511,667, Cl. 502-64.000.
- Bird, Richard G.; and Berson, Leo A., to United States of America, National Aeronautics and Space Administration. Portable 90 degree proof loading device. 4,557,149, 12-10-85, Cl. 73-862.540.
- Bird, Robert, to MacTaggert Scott (Holdings) Ltd. Apparatus for controlling hydroplanes of marine vessels. 4,530,303, 7-23-85, Cl. 114-332.000.
- Birdwell, J. C. Mud pump. 4,500,267, 2-19-85, Cl. 417-552.000.
- Birdwell, J. C. Mud pump. 4,541,779, 9-17-85, Cl. 417-62.000.
- Birdy, Jal N.: *See—*
  - Chen, Jade; Birdy, Jal N.; and Watt, Brian J., 4,537,532, Cl. 405-217.000.
- Biren, Marvin A., to Charles Stark Draper Laboratory, Inc., The. Inspection periscope. 4,511,222, 4-16-85, Cl. 350-441.000.
- Bires, Robert J.: *See—*
  - Drinkuth, William H.; Bires, Robert J.; Miller, Robert J.; and Selleck, Franklin G., 4,501,095, Cl. 51-165.720.
- Birjukov, Boris N.: *See—*
  - Dzjuba, Vladimir F.; Besedin, Vladlen L.; and Birjukov, Boris N., 4,538,474, Cl. 74-63.000.
- Birkadze, Dzhemal I.: *See—*
  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk,

- Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
- Birkenbach, Alfred: *See—*
  - Berisch, Volker; and Birkenbach, Alfred, 4,542,945, Cl. 303-6.00C.
- Birkenstock, Karl. Fastening straps and articles employing fastening straps. 4,559,678, 12-24-85, Cl. 24-323.000.
- Birkett, John N.: *See—*
  - Pugh, Stuart; Smith, Douglas G.; Lee, Chee M.; Parr, Leslie R.; Birkett, John N.; Stibbs, Richard G.; and Tai, Tet C., 4,515,333, Cl. 248-122.000.
- Birkett, Kevin; Scovell, Edward G.; and John, Glyn R., to Imperial Chemical Industries PLC. Corrosion inhibition. 4,493,876, 1-15-85, Cl. 428-457.000.
- Birkholz, Roger O.: *See—*
  - Comeau, Leon J.; and Birkholz, Roger O., 4,558,276, Cl. 324-117.00H.
- Birkin, Michael S., to British Railways Board. Control system for controlling the passage of vehicles. 4,538,781, 9-3-85, Cl. 246-187.00B.
- Birkmaier, Albert A.; Harpell, Gary A.; Kurtz, Bruce E.; Patel, Gordhanbhai N.; Poncha, Rustom P.; Skovrinski, Adam L.; and Lesco, James M., to Allied Corporation. Pretreatment of plastic materials for metal plating. 4,505,786, 3-19-85, Cl. 204-38.400.
- Birkmair, Hubert: *See—*
  - Heller, Albert; Birkmair, Hubert; and Grauberger, Hermann, 4,532,864, Cl. 101-219.000.
- Birkmeyer, William J.; Gray, Ralph C.; Dowbenko, Rostyslaw; Kapp, David C.; VanBuskirk, Ellor J.; and Maska, Rudolf, to PPG Industries, Inc. Acrylated alkyd and polyester resins. 4,517,322, 5-14-85, Cl. 523-501.000.
- Birkner, Horst W.: *See—*
  - Bellmann, Bernhard G.; Birkner, Horst W.; and Kaminsky, Theo, 4,545,107, Cl. 29-568.000.
- Birkner, John M.: *See—*
  - Wong, Sing Y.; and Birkner, John M., 4,554,640, Cl. 364-716.000.
- Birkner, Joseph R.; Nunes, Maurice; and Hurley, James R., to Thermo Electron Corporation. Gas-fired steam cooker. 4,552,123, 11-12-85, Cl. 126-369.000.
- Birko Corporation: *See—*
  - Swanson, Harley D.; McAninch, Terry L.; and Conner, J. Keith, 4,548,608, Cl. 8-94.160.
- Birks, Colin: *See—*
  - Ridout, Paul S.; and Birks, Colin, 4,517,585, Cl. 357-81.000.
- Birmingham Bolt Company: *See—*
  - White, Claude C.; and Carr, Frederick, 4,534,679, Cl. 405-261.000.
  - White, Claude C.; and Carr, Frederick, 4,534,680, Cl. 405-261.000.
  - White, Claude C., 4,556,344, Cl. 405-261.000.
- Birmingham, Michael J.; and Manes, Michael R., to Aspen Laboratories, Inc. Tourniquet with differential pressure occlusion detector. 4,520,819, 6-4-85, Cl. 128-327.000.
- Birnbaum, David H. Skate wheel cover. 4,511,182, 4-16-85, Cl. 301-37.00P.
- Birnbaum, Samuel. Windvane. 4,522,069, 6-11-85, Cl. 73-188.000.
- Birnbreier, Hermann; and Haas, Helmut, to Brown, Boveri & Cie AG. Method for producing a thin film resistor. 4,530,852, 7-23-85, Cl. 427-102.000.
- Birocchi, Guido. Electric steam generator producing dry superheated steam for domestic use. 4,532,412, 7-30-85, Cl. 219-271.000.
- Birrell, Raymond N.: *See—*
  - Robertson, George H.; Price, David; and Birrell, Raymond N., 4,491,481, Cl. 106-288.00Q.
- Birsa, Joseph J.: *See—*
  - Sturges, Robert H., Jr.; Birsa, Joseph J.; Dawson, Paul H.; and Byford, Roger G., 4,521,844, Cl. 364-167.000.
- Birt, David A., to Lucas Industries Inc. Diffusion cover for a motor vehicle headlamp. 4,520,434, 5-28-85, Cl. 362-309.000.
- Birukawa, Masahiro: *See—*
  - Kudo, Yoshihiko; Kawabata, Hidetsugu; Birukawa, Masahiro; Hara, Noriaki; and Muto, Akira, 4,497,870, Cl. 428-457.000.
- Birx, Linda B., to Emerson Electric Co. Thermal cutoff construction, member therefor and methods of making the same. 4,514,718, 4-30-85, Cl. 337-407.000.
- Biryoukoff, Maura: *See—*
  - Vere, Bernard; Biryoukoff, Maura; and Mathevon, Paul, 4,530,146, Cl. 29-468.000.
- Bisabri-Ershadi, Barat: *See—*
  - Rigterink, Raymond H.; and Bisabri-Ershadi, Barat, 4,518,804, Cl. 564-442.000.
- Bisacquino, Lenora A.; Dienes, Larry E.; and Plasko, Rudolph J., to Allied Corporation. Electronic treadle. 4,528,590, 7-9-85, Cl. 338-153.000.
- Bisbee, Gary W.: *See—*
  - McTamaney, Louis S.; Delfino, Allan B.; and Bisbee, Gary W., 4,509,901, Cl. 417-18.000.
  - McTamaney, Louis S.; Bisbee, Gary W.; Kettlety, Robert W.; and Konsevich, James L., 4,551,730, Cl. 346-33.0WL.
- Bisbing, Robert H., to Southco, Inc. Latch assembly having pull-up action. 4,556,244, 12-3-85, Cl. 292-65.000.
- Bischofberger, Jurg, to Rieter Machine Works, Ltd. Method and apparatus for time-optimizing occurrence of work at individual operating positions of textile machines. 4,532,759, 8-6-85, Cl. 57-264.000.
- Bischoff, Albrecht: *See—*
  - Aldinger, Fritz; Bischoff, Albrecht; Keilberth, Richard; and Sperner, Franz, 4,514,589, Cl. 174-119.00R.
- Bischoff, Andrea L.; and Chin, Robert W., to Goodyear Aerospace Corporation. Safety device for venting aircraft tires. 4,535,957, 8-20-85, Cl. 244-103.00R.
- Bischoff, Hilmar: *See—*
  - Heiker, Fred R.; Muller, Lutz; Puls, Walter; and Bischoff, Hilmar, 4,526,784, Cl. 514-25.000.
- Bischoff, Martin: *See—*
  - Hase, Christian; Bischoff, Martin; Schmadel, Edmund; and Vogt, Gunther, 4,547,306, Cl. 252-99.000.
  - Rutzen, Horst; Nikolaus, Peter; Bischoff, Martin; and Lehmann, Rudolf, 4,492,802, Cl. 564-292.000.
- Bischoff, Peter G., to Memorex Corporation. Thin film magnetic recording transducer having embedded pole piece design. 4,517,616, 5-14-85, Cl. 360-126.000.
- Bischoff, Rainer. Camper superstructure. 4,542,933, 9-24-85, Cl. 296-164.000.
- Bisco Products, Inc.: *See—*
  - Montana, Frank J., 4,557,297, Cl. 138-141.000.
- Biscomb, Lloyd I. Wind motor. 4,527,950, 7-9-85, Cl. 416-117.000.
- Biscuiterie Nantaise-BN: *See—*
  - Cosse, Lionel, 4,502,376, Cl. 99-450.400.
  - Cosse, Lionel, 4,549,647, Cl. 198-461.000.
- Biser, Roger W.; and Mishark, Joseph E., to Centronics Data Computer Corp. Carriage-mounted velocity multi-deflection compensation for bi-directional ink jet printers. 4,550,320, 10-29-85, Cl. 346-75.000.
- Bisera, Jose; and Weil, Max H., to Institute of Critical Care Medicine. Monitor for intravenous injection system for detecting occlusion and/or infiltration. 4,530,696, 7-23-85, Cl. 604-253.000.
- Bisey, Robert P. Musical keyboard instrument support device. 4,545,280, 10-8-85, Cl. 84-177.000.
- Bisgaard, Hans F.; and Jensen, Jorgen D., to Jensen, Jens C. Feeding bottle having an air intake valve. 4,545,491, 10-8-85, Cl. 215-11.00D.
- Bishara, Jeries I.: *See—*
  - Beer, Henri B.; Hinden, Jean M.; Honard, Mark R.; Bishara, Jeries I.; and Walker, Joseph K., Jr., 4,543,348, Cl. 502-101.000.
- Bishara, William, to Kennecott Corporation. Modular furnace lining having mechanically interlocking attachment means. 4,523,531, 6-18-85, Cl. 110-336.000.
- Bishop, Arthur E.; and Baxter, John, to Bishop, Arthur E. Control valve for vehicle power steering systems. 4,561,516, 12-31-85, Cl. 180-142.000.
- Bishop, Charles D.; Powell, Joe R.; Stamps, Kenneth H.; and Watson, Clifford A. Automatic food frying and dispensing apparatus. 4,505,194, 3-19-85, Cl. 99-336.000.
- Bishop, Charles D.; Stamps, Kenneth H.; and Turney, David L., to Alpaire, Inc. Semiautomatic food frying apparatus. 4,539,898, 9-10-85, Cl. 99-336.000.
- Bishop, Christopher J.; Cumner, Geoffrey M.; and Waters, John H., to Dowty Mining Equipment Limited. Roof support suitable for use in mines. 4,548,527, 10-22-85, Cl. 405-294.000.
- Bishop, Crawford A. Post driver for tractor with power lift. 4,542,880, 9-24-85, Cl. 254-29.00R.
- Bishop, David C.; and Lawrence, Gordon L., to Matburn (Holdings) Limited. Thrombectomy catheter. 4,561,439, 12-31-85, Cl. 128-348.100.
- Bishop, David John G.: *See—*
  - Bishop, Thomas D.; and Bishop, David John G., 4,501,180, Cl. 83-154.000.
- Bishop, Donald E.: *See—*
  - Lough, Wendell J.; and Bishop, Donald E., 4,518,405, Cl. 55-385.00A.
- Bishop, Edward W.: *See—*
  - Jones, Joseph W.; and Bishop, Edward W., 4,496,002, Cl. 168-4.000.
- Bishop, Ernest C.: *See—*
  - Murphy, Gordon D.; and Bishop, Ernest C., 4,517,206, Cl. 426-115.000.
- Bishop, Harry L., Jr.: *See—*
  - Tommaney, Joseph W.; and Bishop, Harry L., Jr., 4,514,220, Cl. 75-60.000.
  - Tommaney, Joseph W.; Shidemantle, David R.; and Bishop, Harry L., Jr., 4,529,442, Cl. 75-59.120.
- Bishop, John F.; and Braun, Thomas O., to Eastman Kodak Company. Hydrophilic layers adjacent a stripping layer for diffusion transfer assemblages. 4,499,174, 2-12-85, Cl. 430-215.000.
- Bishop, John F., to Eastman Kodak Company. Surfactant-like material in a hydrophilic layer adjacent a stripping layer for diffusion transfer assemblages. 4,529,683, 7-16-85, Cl. 430-215.000.
- Bishop, Julian J.: *See—*
  - Prince, Thomas F.; and Bishop, Julian J., 4,533,197, Cl. 339-97.00R.
- Bishop, Lewis A., to Milliken Research Corporation. Optimum pressure control. 4,538,432, 9-3-85, Cl. 68-5.00C.
- Bishop, Paul L.: *See—*
  - Sundberg, Donald C.; Bishop, Paul L.; and McBee, David G., 4,534,865, Cl. 210-692.000.
- Bishop, Ralph L.; Rich, William N.; and Kowalski, Walter C., to Therm-O-Disc, Incorporated. Adjustable bimetal snap disc thermostat with heaters. 4,533,894, 8-6-85, Cl. 337-107.000.
- Bishop, Robert; and Bezjian, Krikor, to Beltronics Inc. Method for detecting pin holes and the like in sheet material for packaging and similar applications. 4,537,505, 8-27-85, Cl. 356-237.000.
- Bishop, Robert J. Rotary drum mixing device. 4,491,415, 1-1-85, Cl. 366-47.000.
- Bishop, Robert R. Apparatus for orienting and stacking hollow, frustoconical containers. 4,550,820, 11-5-85, Cl. 198-389.000.
- Bishop, Robert R.: *See—*
  - Neilson, James R.; and Bishop, Robert R., 4,531,308, Cl. 34-168.000.

Bishop, Sarah M.; and Curtis, Paul T., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Fibre reinforced composites. 4,536,438, 8-20-85, Cl. 428-246.000.

Bishop, Thomas D.; and Bishop, David John G., to Deritend Engineering Company Ltd., The. Rotary die-cutting. 4,501,180, 2-26-85, Cl. 83-154.000.

Bishop, Timothy E.; Stanton, Joseph J.; Pasternack, George; and Cutler, Orvid R., Jr., to DeSoto, Inc. Ultraviolet curable outer coatings for optical fiber. 4,514,037, 4-30-85, Cl. 350-96.230.

Bishop, Timothy E.; and Pasternack, George, to DeSoto, Inc. Optical fiber coated with an ultraviolet cured topcoating. 4,522,465, 6-11-85, Cl. 350-96.300.

Bishop, Timothy E.; Pasternack, George; and Zimmerman, John M., to DeSoto, Inc. Radiation-curable copolymers of monoethylenic monomers. 4,537,667, 8-27-85, Cl. 204-159.150.

Bishopbarn Limited: *See—*
- Franklin, Kenneth W., 4,555,013, Cl. 198-689.100.

Bisi, Ugo, to Berco S.p.A. Multi lip seal. 4,560,174, 12-24-85, Cl. 277-92.000.

Bisiach, Luciano. Automatic tool changing mechanism for industrial robots. 4,551,903, 11-12-85, Cl. 29-568.000.

Biskupski, Jurgen K.: *See—*
- Lakshmanan, Vaikuntam I.; and Biskupski, Jurgen K., 4,537,628, Cl. 75-118.00R.

Bismarck, Otto H., to RCA Corporation. Coincident pulse cancelling circuit. 4,502,014, 2-26-85, Cl. 328-110.000.

Bismarck, Otto H., to RCA Corporation. Fast switching circuit. 4,532,436, 7-30-85, Cl. 307-279.000.

Bison-Werke Bahre & Greten GmbH & Co. KG: *See—*
- Fischer, Kurt, 4,546,572, Cl. 51-140.000.

Bisonaya, Rudy Y.: *See—*
- Farrell, Gerald J.; and Bisonaya, Rudy Y., 4,552,171, Cl. 137-359.000.

Bisping, Bernhard, to Rheinmetall GmbH. Fuzeless annular wing projectile. 4,495,869, 1-29-85, Cl. 102-503.000.

Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., to Etat Francais represente par le Delegue General. Finned subcaliber projectile. 4,524,695, 6-25-85, Cl. 102-430.000.

Bisping, Bernhard; Wallow, Peter; Gersbach, Klaus; and Romer, Rudolf, to Rheinmetall GmbH. Munitions round for barrel-type weapons. 4,542,696, 9-24-85, Cl. 102-430.000.

Bisping, Heinz: *See—*
- Lang, Gusztav; Hoffmann, Armin; and Bisping, Heinz, 4,518,291, Cl. 411-60.000.

Bisquolm, Werner; Burki, Jorg; and Teuscher, Othmar, to Graf & Cie AG. Card clothing for carding flats. 4,513,480, 4-30-85, Cl. 19-113.000.

Bisquolm, Werner, to Graf & Cie AG. Card clothing for the flats of a carding machine. 4,528,724, 7-16-85, Cl. 19-113.000.

Biss, Rudy, to Teck Corporation; and Soquem-Societe Quebecoise d'Exploration Miniere. Process for recovering pyrochlore mineral containing niobium and tantalum. 4,493,817, 1-15-85, Cl. 423-62.000.

Bissell, Douglas E.; and Jozepaitis, Charles M., to Nash Engineering Company, The. Liquid ring pump with conical or cylindrical port member. 4,498,844, 2-12-85, Cl. 417-68.000.

Bissell, Eugene R.: *See—*
- Rasnick, David W.; and Bissell, Eugene R., 4,505,852, Cl. 260-112.50R.

Bissell Inc.: *See—*
- Rosendall, Henry J., 4,498,207, Cl. 15-42.000.

Bissett, Donald L.; and Mao, Mark H. K., to Procter & Gamble Company, The. Mild detergent compositions. 4,555,360, 11-26-85, Cl. 252-541.000.

Bisson, Flavio, to Necchi Societa per Azioni. Upper thread cutting unit in buttonhole sewing machines. 4,502,404, 3-5-85, Cl. 112-294.000.

Bissonnette, Harold S., to Dow Chemical Company, The. Casing structures having core members under radial compressive force. 4,515,218, 5-7-85, Cl. 166-328.000.

Bissot, Thomas C.; and Li, Stephen, to Du Pont de Nemours, E. I., and Company. Unreinforced membrane, electrochemical cell and electrolysis process. 4,539,084, 9-3-85, Cl. 204-98.000.

Bissot, Thomas C.; and Li, Stephen, to Du Pont de Nemours, E. I., and Company. Reinforced membrane, electrochemical cell and electrolysis process. 4,552,631, 11-12-85, Cl. 204-98.000.

Bistrian, Bruce R.: *See—*
- Moldawer, Lyle L.; Blackburn, George L.; and Bistrian, Bruce R., 4,512,974, Cl. 424-101.000.
- Moldawer, Lyle L.; Blackburn, George L.; and Bistrian, Bruce R., 4,542,017, Cl. 424-101.000.

Biswas, Dipak R.; and Nath, Dilip K., to International Telephone and Telegraph Corporation. Hermetic coating by heterogeneous nucleation thermochemical deposition. 4,518,628, 5-21-85, Cl. 427-55.000.

Biswas, Ranjit, to Thomas & Betts Corporation. Electronic package assembly and accessory component therefor. 4,519,658, 5-28-85, Cl. 339-17.0CF.

Bitar, Joseph. Rotary hydraulic machine with a multiplicity of axially aligned chambers. 4,548,561, 10-22-85, Cl. 418-184.000.

Bitha, Panayota: *See—*
- Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, 4,544,759, Cl. 556-36.000.
- Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, 4,546,181, Cl. 544-225.000.
- Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, 4,550,169, Cl. 548-108.000.

Bitiess Microtecnica S.A.: *See—*
- Biancalana, Carlo; Vescovi, Giuseppe; and Volpini, Maurizio, 4,552,163, Cl. 134-100.000.

Bitrolf, Ehrenfried: *See—*
- Bonnet, Ludwig; and Bitrolf, Ehrenfried, 4,561,438, Cl. 128-328.000.

Bitronics, Inc.: *See—*
- Brosh, Amnon; and Fiori, David, Jr., 4,503,922, Cl. 177-210.0EM.

Bitsch, Hans-Ulrich. Seating piece of furniture. 4,518,202, 5-21-85, Cl. 297-452.000.

Bitsch, Hans-Ulrich. Picture-screen work-station lamp. 4,528,618, 7-9-85, Cl. 362-33.000.

Bitsch, Harald; Donner, Klaus; Hasselmann, Heinz; and Horbach, Rainer, to Mannesmann Aktiengesellschaft. Track wheel block. 4,550,664, 11-5-85, Cl. 105-180.000.

Bitsch, Philippe, to La Telephonie Industrielle et Commerciale Telic Alcatel. Telephone set including a circuit for seizing the line without lifting the handset off the gravity switch. 4,506,112, 3-19-85, Cl. 179-81.00R.

Bittensky, Joel S.: *See—*
- MacLean, John P.; Bittensky, Joel S.; and Colvert, James H., 4,539,303, Cl. 502-39.000.

Bitter, Istvan: *See—*
- Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.

Bitterli, Peter; and Kaul, Bansi L., to Sandoz Ltd. Mass dyeing of polyester with pyrrocoline dye of his thermal stability. 4,494,955, 1-22-85, Cl. 8-512.000.

Bitting, Ricky F., to General Electric Company. Control circuit for an electronically commutated motor (ECM), method of timing the electronic commutation of an ECM, and method of operating an ECM. 4,491,772, 1-1-85, Cl. 318-254.000.

Bitting, Ricky F.; Peil, William; and Brown, Thomas A., to General Electric Company. Control circuit for an electronically commutated motor including reversing; method of operating an ECM including reversing. 4,494,055, 1-15-85, Cl. 318-254.000.

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Bittler, Dieter; Laurent, Henry; Nickisch, Klaus; Weichert, Rudolf; and Casals-Stenzel, Jorge, to Schering Aktiengesellschaft. 17α-Pregn-4-ene-3-oxo-21-carboxylic acid esters, process for the preparation thereof, and use thereof as medicinal agents. 4,542,128, 9-17-85, Cl. 514-177.000.

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- Laurent, Henry; Nickisch, Klaus; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, 4,511,565, Cl. 514-173.000.
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Bittler, Knut: *See—*
- Roos, Hans; Schlaefer, Dieter; Boehn, Hugo; Bittler, Knut; and Kilthau, Heinz, 4,557,818, Cl. 204-288.000.

Bittner, Franz; Poortman, Boudewijn J.; Rademacher-Dubbick, Kristian; Roskam, Abram K.; Stevens, Udo; Tromp, Wouter T.; Beisler, Walter; Bock, Seigfried; and Bertsch, Hermann, to Rheometron AG. Measured-value sensors for magnetic-inductive flowmeters. 4,507,975, 4-2-85, Cl. 73-861.120.

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Bittner, John R.; Billing, Ralph S.; and Stewart, Robert T., Jr., to Genicom Corporation. Multicolor printing. 4,543,002, 9-24-85, Cl. 400-212.000.

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  - Dillman, Bruce, 4,561,821, Cl. 414-332.000.
- Bitumarin B.V.: *See*—
  - Mulders, Gerardus L. M.; and Hermans, Jacobus G. J. M., 4,508,471, Cl. 405-109.000.
- Bitumen Development Corporation Limited: *See*—
  - Angelov, Georgi; and Shibley, Paul W. M., 4,498,971, Cl. 208-11.0LE.
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- Bivens Winchester Corporation: *See*—
  - Bivens, David J., 4,547,922, Cl. 15-97.00B.
- Bivona Surgical Instruments, Inc.: *See*—
  - Shapiro, Seymour W., 4,495,948, Cl. 128-207.150.
- Bixby, James A., to Eastman Kodak Company. Slow motion using longitudinal recording and forward/reverse tape transportation. 4,511,931, 4-16-85, Cl. 360-10.300.
- Bixby, James A.: *See*—
  - Colles, Joseph H.; and Bixby, James A., 4,496,995, Cl. 360-9.100.
- Bixby, Lawrence B. Rungless motorized ladder. 4,512,440, 4-23-85, Cl. 182-146.000.
- Bixler, Craig A.: *See*—
  - McKee, Kenneth E.; Meitl, Harold G.; Thanh, Vo V.; and Bixler, Craig A., 4,527,444, Cl. 74-493.000.
- Bixler, Kenneth D.; Reifers, Richard F.; and Lord, Henry A., to Packaging Corporation of America. Multi-row egg cartons. 4,492,331, 1-8-85, Cl. 229-2.5EC.
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  - Jetter, Hans, 4,505,345, Cl. 177-211.000.
  - Maurer, Albrecht; and Butz, Alois, 4,541,319, Cl. 83-707.000.
  - Maurer, Albrecht; and Frey, Karl, 4,543,868, Cl. 83-713.000.
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- Biziere, Kathleen; Hallot, Andre; and Kan, Jean-Paul, to Sanofi. 1-Piperazinyl 4-phenylquinazoline compounds having antidepressant properties and drugs containing same. 4,540,696, 9-10-85, Cl. 514-254.000.
- Biziere, Kathleen: *See*—
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  - Kan, Jean-Paul; Biziere, Kathleen; and Wermuth, Camille-Georges, 4,508,720, Cl. 514-247.000.
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- Bjelkhagen, Hans I. Device for the ocular determination of any discrepancy in the luminescence capacity of the surface of a tooth for the purpose of identifying any caried area on the surface to the tooth. 4,515,476, 5-7-85, Cl. 356-318.000.
- Bjelvert, Sven; Olofsson, Goran; and Nystrom, Per, to Forenade Fabriksverken. Arrangement for a land mine. 4,506,603, 3-26-85, Cl. 102-401.000.
- Bjerkas, Johan B. String instrument of guitar type. 4,539,887, 9-10-85, Cl. 84-314.00R.
- Bjerre, Poul; and Buchhjerg, Ernst, to Pasilac A/S. Process for increasing the capacity of systems for membrane filtration of milk or milk products. 4,559,231, 12-17-85, Cl. 426-42.000.
- Bjerregaard, Richard S., to Eli Lilly and Company. Airborne particle dispenser. 4,537,333, 8-27-85, Cl. 222-345.000.
- Bjor, Hakon E., to Bever Control A/S. Method and means for drilling in rocks. 4,506,745, 3-26-85, Cl. 175-45.000.
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- Bjorkelund, Mats, to Kockumation AB, Remadivisionen. Photoelectric dimension measuring system. 4,555,633, 11-26-85, Cl. 250-560.000.
- Bjorkholm, John E., to AT&T Bell Laboratories. Light induced etching of InP by aqueous solutions of H_3PO_4. 4,518,456, 5-21-85, Cl. 156-626.000.
- Bjorkholm, Paul J., to American Science and Engineering, Inc. Dual energy imaging. 4,511,799, 4-16-85, Cl. 250-367.000.
- Bjorklund, Bengt, to AB Grindex. Shaft seal device. 4,519,615, 5-28-85, Cl. 277-92.000.
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  - Garza, Richard G.; Sayegh, Pinhas; and Bjorklund, James R., 4,560,363, Cl. 446-342.000.
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  - Berglund, Lars G.; Bjorklund, Sven-Erik B.; and Linde, Lars H., 4,536,043, Cl. 312-222.000.
- Bjorkman, John R.: *See*—
  - Sheets, Ronald E.; Barbas, George A.; Doering, Howard W., Jr.; and Bjorkman, John R., 4,539,479, Cl. 250-491.100.
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- Bjorling, Gotthard: *See*—
  - Eriksson, Sune; Santen, Sven; and Bjorling, Gotthard, 4,508,566, Cl. 75-88.000.
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- Bjornberg, Thomas. Method of and apparatus for the heat-treatment of a continuous web. 4,513,516, 4-30-85, Cl. 34-41.000.
- Bjornfoth, Hakan: *See*—
  - Nilsson, Rolf; Bjornfoth, Hakan; and Slungaard, Knut, deceased, 4,543,808, Cl. 72-137.000.
- Bjornstrom, Ann O.: *See*—
  - Kridl, Thomas A.; Claunch, Carney P., II; and Bjornstrom, Ann O., 4,499,129, Cl. 428-36.000.
- BKMI Industrieanlagen GmbH: *See*—
  - Quittkat, Wolfram; Reuter, Gerhard; and Schmidt, Rudiger, 4,496,313, Cl. 432-14.000.
- BL Technology Limited: *See*—
  - King, Charles S.; and Poole, Joseph J., 4,553,515, Cl. 123-308.000.
  - Strange, Victor E., 4,505,293, Cl. 137-117.000.
  - Stubbs, Peter W. R., 4,528,861, Cl. 74-364.000.
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- Blach, Josef A.; and Stade, Kurt. Processing shaft for machines for extruding, kneading, dispersing, mixing or homogenizing, in particular, plastics materials. 4,527,899, 7-9-85, Cl. 366-79.000.
- Blachman, Marc W.: *See*—
  - Burrington, James D.; and Blachman, Marc W., 4,500,468, Cl. 260-465.80D.
- Black, Alan J.: *See*—
  - Mauleon, Jean-Louis; Newman, Robert J.; and Black, Alan J., 4,556,479, Cl. 208-164.000.
- Black, Arthur G.; Dodge, John H.; and Ernst, Larry M., to International Business Machines Corporation. Bang-bang dual-mode integral controller with proportional control output useful for temperature control. 4,496,829, 1-29-85, Cl. 219-497.000.
- Black, Charles E.: *See*—
  - Cobb, Albert R., III; and Black, Charles E., 4,543,454, Cl. 200-16.00A.
- Black, Charles E., III; and Halstead, Raymond T., to Indak Manufacturing Corp. Electrical switch having interlocked blower and air conditioner switch components for vehicles. 4,517,422, 5-14-85, Cl. 200-50.00C.
- Black Clawson Company, The: *See*—
  - Couture, Joseph W., 4,535,943, Cl. 241-46.020.
  - Creagan, Richard W.; and Patell, Thomas W., 4,532,008, Cl. 162-203.000.
  - Phelps, Richard W., 4,495,886, Cl. 118-249.000.
  - Pimley, John J., 4,538,767, Cl. 241-79.300.
- Black, David J., to James W. Gardner Enterprises, Inc. Neutral flavored high stability peanut paste. 4,504,513, 3-12-85, Cl. 426-632.000.
- Black & Decker Inc.: *See*—
  - Albinger, Harry, Jr., 4,523,079, Cl. 219-251.000.
  - Alessio, Lorenzo E., 4,523,504, Cl. 83-471.300.
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  - Bachmann, Rainer, 4,524,897, Cl. 227-131.000.
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  - Basile, Peter A., 4,540,146, Cl. 248-201.000.
  - Braithwaite, John D.; King, Derrick O.; and Williams, Sidney J., 4,552,477, Cl. 401-188.00R.
  - Carney, Joseph E., 4,550,277, Cl. 318-334.000.
  - Chan, Ven L., 4,536,641, Cl. 219-253.000.
  - Cook, Glyn F., 4,561,239, Cl. 56-320.100.
  - Crawford, John G., 4,520,567, Cl. 30-424.000.
  - Cuneo, Giuseppe, 4,523,115, Cl. 310-50.000.
  - Cuneo, Giuseppe, 4,530,624, Cl. 408-8.000.
  - Cuneo, Guiseppe, 4,503,370, Cl. 318-331.000.
  - Dibbern, John E., Jr.; and Moores, Gregory E., 4,523,116, Cl. 310-71.000.

  - Dibbern, John E., Jr.; and Moores, Gregory E., 4,558,189, Cl. 200-1.00V.
  - Duverger, Jean, 4,516,047, Cl. 310-230.000.
  - Flack, John H., deceased; and Simpson, Frank F., 4,497,380, Cl. 173-117.000.
  - Goldelius, Rainer, 4,534,420, Cl. 173-12.000.
  - Grossmann, Horst, 4,506,743, Cl. 173-48.000.
  - Grossmann, Horst; Herting, Rainer; and Kaiser, Horst, 4,559,857, Cl. 83-471.300.
  - Harris, David; and Hays, Alan, 4,498,230, Cl. 29-597.000.
  - Heininger, Ammon N., Jr.; and Barnik, Edward A., 4,516,324, Cl. 30-377.000.
  - Jeffress, Ronald E.; Wanat, David J.; and Krasznai, Charles Z., 4,516,011, Cl. 219-222.000.
  - Krasznai, Charles Z.; and Norwood, Richard L., 4,517,452, Cl. 219-413.000.
  - Miller, Walter E., 4,544,830, Cl. 219-328.000.
  - Moores, Robert G., Jr.; Sides, Daniel H.; and Burnside, Howard L., 4,550,501, Cl. 30-393.000.
  - O'Hara, Frank J.; Dibbern, John E., Jr.; and Moores, Gregory E., 4,491,752, Cl. 310-71.000.
  - Pfanzer, Gerhard, 4,512,078, Cl. 30-393.000.
  - Ryckman, William D., Jr., 4,538,049, Cl. 219-386.000.
  - Saeed, Abdul, 4,553,057, Cl. 310-242.000.
  - Schaeffer, Robert L., 4,546,697, Cl. 99-279.000.
  - Snaddon, Robert W. L.; and Dietz, Peter W., 4,533,368, Cl. 55-104.000.
  - Somers, Robert I., 4,534,573, Cl. 279-1.00K.
  - Van Deursen, Gary E., 4,513,761, Cl. 132-41.000.
  - van Hauten, Hartmut, 4,527,453, Cl. 83-467.00R.
  - Wilson, Peter H., 4,551,615, Cl. 219-373.000.
  - Zavis, Wayne; and Saar, David A., 4,527,101, Cl. 318-245.000.
- Black & Decker Overseas AG: *See—*
  - Bergler, Otto, 4,537,105, Cl. 83-471.300.
- Black, Donald; and Pirtle, James D., to Emhart Industries, Inc. Remote alarm system. 4,531,115, 7-23-85, Cl. 340-539.000.
- Black, Donald E.; Sweany, Louis P.; and Pirtle, James D., to Emhart Industries, Inc. Multiple tone signaling device. 4,558,305, 12-10-85, Cl. 340-384.00E.
- Black, Donald J.; and Tang, Robert H., to PPG Industries, Inc. Peroxide composition containing phenolic antioxidant. 4,552,682, 11-12-85, Cl. 252-186.260.
- Black, Ervin H. Thermal window shield. 4,505,079, 3-19-85, Cl. 52-202.000.
- Black, Geoffrey M.: *See—*
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  - Atkinson, Bernard; Black, Geoffrey M.; Pinches, Anthony; and Lewis, Paul J. S., 4,545,909, Cl. 210-618.000.
- Black, Ian A. Noise reduction in electronic measuring circuits. 4,532,442, 7-30-85, Cl. 307-520.000.
- Black, John W.; Shupe, Richard D.; and Simon, Earl, to Pemco-Kalamazoo, Inc. Lifting apparatus for an injection mold. 4,537,570, 8-27-85, Cl. 425-450.100.
- Black, John W., to Pemco-Kalamazoo, Inc. Wheel braking mechanism for a wheel bracket assembly. 4,559,668, 12-24-85, Cl. 16-35.00R.
- Black, John W., to Pemco-Kalamazoo, Inc. Mold opening device. 4,561,626, 12-31-85, Cl. 249-118.000.
- Black, Jonathan; and Baranowski, Thomas J., Jr., to University of Pennsylvania, Trustees of the. Method and apparatus for cathodic potential control in electrically induced osteogenesis. 4,519,394, 5-28-85, Cl. 128-419.00F.
- Black, Jonathan: *See—*
  - Brighton, Carl T.; and Black, Jonathan, 4,506,674, Cl. 128-419.00F.
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- Black, Joseph; Foster, Mark A.; and Luard, Nicholas G., to University of Bath, The. Vibration damping supports. 4,541,134, 9-17-85, Cl. 5-118.000.
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- Black, Laura E.; Miasek, Peter G.; and Adriaens, Georges, to Exxon Research & Engineering Co. Aromatic solvent upgrading using membranes. 4,532,029, 7-30-85, Cl. 208-308.000.
- Black, Martin M.; and Drury, Philip J., to University of Sheffield. Artificial heart valves. 4,490,859, 1-1-85, Cl. 3-1.500.
- Black, Maurice. Book holder. 4,512,542, 4-23-85, Cl. 248-460.000.
- Black, Maurice D., Jr., to Rockwell International Corporation. Low inductance magnetic wiggler. 4,542,510, 9-17-85, Cl. 372-2.000.
- Black, Milton W. Soil scraper and leveler. 4,529,041, 7-16-85, Cl. 172-445.100.
- Black, Paul W.: *See—*
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- Black, Philip W.; and Irven, John, to International Standard Electric Corporation. Optical fibre preform manufacture. 4,518,407, 5-21-85, Cl. 65-3.120.
- Black, Robert A., Jr.; Clark, Rodney L.; Kidder, Kenneth B.; and Patton, Paul B., to Honeywell Inc. Control logic safety monitoring circuit means. 4,558,389, 12-10-85, Cl. 361-88.000.
- Black, Robert D., to Deere & Company. Forage harvester shear bar with concave cutting surface. 4,506,839, 3-26-85, Cl. 241-101.700.
- Black, Robert H.: *See—*
  - Green, Arthur A.; and Black, Robert H., 4,518,506, Cl. 210-747.000.
- Black, Stanley A.: *See—*
  - Kuhn, William E.; Hu, Kwoh H.; and Black, Stanley A., 4,522,190, Cl. 126-263.000.
- Black, William B., to Celanese Corporation. Self-crimping polyester yarn. 4,562,029, 12-31-85, Cl. 264-167.000.
- Blackborow, Malcolm H.; and Langley, Marlyn. Carrier for a windscreen wiper blade. 4,547,925, 10-22-85, Cl. 15-250.420.
- Blackbourn, Inc.: *See—*
  - Sykes, Philip K., 4,496,048, Cl. 206-387.000.
- Blackburn, Arthur M., to Otter Controls Limited. Snap-acting thermally-responsive bimetallic actuators. 4,507,642, 3-26-85, Cl. 337-89.000.
- Blackburn, Arthur M., to Otter Controls Limited. Electric motor protection switches. 4,532,488, 7-30-85, Cl. 337-111.000.
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- Blackburn, Gary R.; Mackerer, Carl R.; and Schreiner, Ceinwen A., to Mobil Oil Corporation. Method for evaluating mutagenicity. 4,499,187, 2-12-85, Cl. 435-34.000.
- Blackburn, George L., to KabiVitrum AB. Controlled triglyceride nutrition for hypercatabolic mammals. 4,528,197, 7-9-85, Cl. 514-552.000.
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  - Moldawer, Lyle L.; Blackburn, George L.; and Bistrian, Bruce R., 4,512,974, Cl. 424-101.000.
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- Blackburn, Jan W.; and Baron, Burl E., to Hydril Company. Threaded connection. 4,521,042, 6-4-85, Cl. 285-334.000.
- Blackburn, Linda B.; and Ellingsworth, John R., to United States of America, National Aeronautics and Space Administration. Tensile testing apparatus. 4,535,636, 8-20-85, Cl. 73-831.000.
- Blackburn, Louis W.: *See—*
  - McCammon, Patrick R.; Blackburn, Louis W.; and Hershberger, Bernard J., 4,556,772, Cl. 219-10.55F.
  - Wyland, Alvin D.; Smith, Duaine W.; and Blackburn, Louis W., 4,521,658, Cl. 219-10.55B.
- Blackburn, Tom L., to GTE Communications Products Corporation. Signal detector apparatus. 4,536,871, 8-20-85, Cl. 370-74.000.
- Blackburn, William P.: *See—*
  - Das, Suryya K.; Porter, Samuel, Jr.; Blackburn, William P.; Schimmel, Karl F.; and Dowbenko, Rostyslaw, 4,529,665, Cl. 428-460.000.
- Blackhall, Robert K.: *See—*
  - Benning, Gordon D.; Pascas, Brian J.; Blackhall, Robert K.; Wilker, Paul S.; and Neathway, Graham A., 4,538,031, Cl. 179-81.00B.
- Blackhurst, William R., to Northrop Corporation. Air-bag ejection system for store deployment. 4,520,975, 6-4-85, Cl. 244-137.00R.
- Blackington, Paul A., to Sheltered Workshop for the Disabled, Inc. Line sensing method and apparatus. 4,518,856, 5-21-85, Cl. 250-202.000.
- Blackington, Paul A., to Sheltered Workshop for the Disabled, Inc. Light distribution apparatus. 4,528,617, 7-9-85, Cl. 362-32.000.
- Blackledge, Robert: *See—*
  - Bean, Robert; Gardner, Edward A.; Chow, Michael; Rubinson, Barry L.; Lary, Richard F.; and Blackledge, Robert, 4,543,626, Cl. 364-200.000.
- Blackley, David C.: *See—*
  - James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., 4,499,154, Cl. 428-494.000.
- Blacklock, Thomas J.; and Shuman, Richard F., to Merck & Co., Inc. Process for preparing polypeptides. 4,510,083, 4-9-85, Cl. 260-112.50R.
- Blackman, Peter: *See—*
  - Davids, Martin; Blackman, Peter; and Teo, Lily, 4,525,779, Cl. 364-200.000.
- Blackman, William C.: *See—*
  - Jones, Herman S.; and Blackman, William C., 4,527,334, Cl. 33-138.000.
- Blackmore, Eunice S.; Peterson, Gordon C.; and Tiddy, Gordon J. T., to Lever Brothers Company. Liquid fabric-softening composition. 4,556,502, 12-3-85, Cl. 252-8.800.
- Blackmore, Keith D.: *See—*
  - Rutherford, Dennis F.; and Blackmore, Keith D., 4,492,495, Cl. 405-294.000.
- Blackmore, Phillip W., to Fiberglas Canada Inc. Bales of bagged batts. 4,555,017, 11-26-85, Cl. 206-83.500.
- Blackmore, Phillip W.: *See—*
  - Cameron, Neil M.; and Blackmore, Phillip W., 4,552,793, Cl. 428-53.000.
- Blacksberg, Richard; and Isaacs, Michael S., to U.S. Balloon Mfg. Co., Inc. Inflatable assembly with surface closure. 4,547,168, 10-15-85, Cl. 446-222.000.
- Blacksberg, Richard: *See—*
  - Isaacs, Michael S.; and Blacksberg, Richard, 4,560,360, Cl. 446-222.000.
- Blackston, Michael D.; and Reinecke, Gary, to Heise Manufacturing Co., Inc. Revolving door security system. 4,534,131, 8-13-85, Cl. 49-42.000.
- Blackston, Michael D.: *See—*
  - Heise, Stanley R.; Blackston, Michael D.; Zekich, Michael B.; and Parselle, John L. B., 4,530,183, Cl. 49-42.000.

- Blackstone Corporation: *See—*
  - Real, John D.; Twichell, David J.; and Weed, Lauren R., 4,501,321, Cl. 165-153.000.
- Blackstone, Ralf W. Cervical spine collar. 4,543,947, 10-1-85, Cl. 128-75.000.
- Blackstone, Scott: *See—*
  - Tanielian, Minas; Blackstone, Scott; and Lajos, Robert, 4,526,665, Cl. 204-192.00C.
- Blackstone, Scott C.; Jastrzebski, Lubomir L.; and Corboy, John F., Jr., to RCA Corporation. Vertical IGFET with internal gate and method for making same. 4,546,375, 10-8-85, Cl. 357-23.400.
- Blackstone, Scott C.: *See—*
  - Corboy, John F., Jr.; Jastrzebski, Lubomir L.; Blackstone, Scott C.; and Pagliaro, Robert H., Jr., 4,549,926, Cl. 156-612.000.
- Blackwell, George T. Adzing bit assembly. 4,506,715, 3-26-85, Cl. 144-241.000.
- Blackwell, Gordon B.: *See—*
  - Billington, Richard W.; Blackwell, Gordon B.; and Prodger, Terence E., 4,514,342, Cl. 260-952.000.
- Blackwell, James B.; Marks, Gerald C.; and Vereecke, Paul, to BP Chemicals Limited. Phenolic foam composites and process for making them. 4,501,794, 2-26-85, Cl. 428-316.600.
- Blackwell, James B.: *See—*
  - Connett, Peter; Connett, Michael; and Blackwell, James B., 4,529,562, Cl. 264-464.000.
- Blackwell, Jennings P., to Phillips Petroleum Company. Glass-filled poly(arylene sulfide) compositions containing organosilanes. 4,528,310, 7-9-85, Cl. 524-86.000.
- Blackwell, John S. Free piston volumetric measuring device and method for measuring wherein the piston has a specific gravity approximately matched to the liquid being dispensed. 4,491,248, 1-1-85, Cl. 222-249.000.
- Blackwell, Joseph T., III; and Gasper, Larry, III, to Ciba-Geigy Corporation. Method for the production of 2-isopropyl-4-methyl-6-hydroxypyrimidine. 4,496,728, 1-29-85, Cl. 544-319.000.
- Blackwell, Kim J.; White, Russell T., Jr.; and Wilson, James W., to International Business Machines Corporation. Shield for improved magnetron sputter deposition into surface recesses. 4,508,612, 4-2-85, Cl. 204-298.000.
- Blackwood, Carl I. R., to White Scientific Consultants Inc. Harmonic noise control in chopper type voltage regulators. 4,504,897, 3-12-85, Cl. 363-39.000.
- Blackwood, Harry P., to Burndy Corporation. IDC Termination having means to adapt to various conductor sizes. 4,533,191, 8-6-85, Cl. 339-31.00R.
- Blackwood, Harry P., to Burndy Corporation. IDC Termination for coaxial cable having alignment & stabilizing means. 4,533,193, 8-6-85, Cl. 339-65.000.
- Blackwood, John; Graham, Thomas G.; and Brauch, Robert B., to Singer Company, The. Reverse feed controlling mechanism for a sewing machine. 4,499,839, 2-19-85, Cl. 112-317.000.
- Blackwood, Rodger. Sulfur remelting. 4,497,635, 2-5-85, Cl. 23-308.00S.
- Blad, Leiv H.: *See—*
  - Zsolnay, Andrew; Perkins, Kelly M.; and Blad, Leiv H., 4,496,697, Cl. 526-60.000.
- Blades, Frederick K., to PureCycle Corporation. Ultrasonic transceiver circuit. 4,523,472, 6-18-85, Cl. 73-632.000.
- Blaedel, Kenneth L., to United States of America, Energy. Flow metering valve. 4,505,287, 3-19-85, Cl. 137-12.000.
- Blaesi, John E.: *See—*
  - Stewart, William S.; and Blaesi, John E., 4,545,894, Cl. 208-311.000.
- Blagg, Bobby W.; and Gulliver, Richard F., to Gulf States Paper Corporation. Container blank having relieved edge construction. 4,552,293, 11-12-85, Cl. 229-1.50B.
- Blaha, Gerald E.: *See—*
  - Dusel, Robert O.; and Blaha, Gerald E., 4,502,586, Cl. 198-345.000.
  - Dusel, Robert O.; and Blaha, Gerald E., 4,521,946, Cl. 29-33.00M.
  - Dusel, Robert O.; and Blaha, Gerald E., 4,546,526, Cl. 29-33.00M.
- Blaha, John F.: *See—*
  - Schriber, Louis; Stephens, Robert E.; and Blaha, John F., 4,512,256, Cl. 101-248.000.
- Blaimschein, Gottfried, to GFM Gesellschaft fur Fertigungstechnik und Maschinenbau Gesellschaft m.b.H. Method and machine tool for a circular machining of eccentric shaft portions. 4,494,280, 1-22-85, Cl. 29-6.000.
- Blaimschein, Gottfried; and Marzy, Otto, to GFM Gesellschaft fur Fertigungstechnik und Maschinenbau Gesellschaft m.b.H. Milling machine. 4,525,112, 6-25-85, Cl. 409-199.000.
- Blain, Aurele. Clamp-on ammeter. 4,513,246, 4-23-85, Cl. 324-127.000.
- Blain, Edward S., to Sundstrand Corporation. Positive displacement scroll apparatus with band linking scrolls. 4,534,718, 8-13-85, Cl. 418-55.000.
- Blain, Edward S., to Sundstrand Corporation. Rotating positive displacement scroll apparatus with lubricating pump. 4,549,861, 10-29-85, Cl. 418-55.000.
- Blain, Edward S.: *See—*
  - Siegrist, Gary D.; and Blain, Edward S., 4,536,990, Cl. 49-501.000.
- Blaine, Edward H.; Cragoe, Edward J., Jr.; Hirschmann, Ralph F.; Nancarrow, John F., deceased; by Nancarrow, Elisabeth M., executrix; and Tobert, Jonathan A., to Merck & Co., Inc. Indacrinone having enhanced uricosuric properties. 4,510,322, 4-9-85, Cl. 514-255.000.
- Blair, Bruce W.: *See—*
  - Navarro, Luis J.; Peter, Joseph R.; and Blair, Bruce W., 4,536,760, Cl. 340-722.000.
- Blair, Gary S.: *See—*
  - McLaughlin, Stephen J.; Harville, John D.; and Blair, Gary S., 4,527,914, Cl. 384-428.000.
- Blair, Howard D.: *See—*
  - Ezis, Andre; Beckwith, Elaine C.; and Blair, Howard D., 4,496,503, Cl. 264-56.000.
  - Ezis, Andre; and Blair, Howard D., 4,501,723, Cl. 423-263.000.
  - Ezis, Andre; and Blair, Howard D., 4,510,107, Cl. 264-65.000.
- Blair, Ian L., to George Blair Public Limited Company. Linked chain. 4,553,791, 11-19-85, Cl. 305-39.000.
- Blair Industries, Inc.: *See—*
  - Graetz, Herbert; and Unterreiner, Ronald C., 4,555,290, Cl. 156-245.000.
- Blair, John J.; Fonvielle, Frank P.; Smith, Richard A.; Dehoff, Barry D.; and Shue, Roger C., to Dentsply Research & Development Corp. Method and apparatus to produce artificial teeth for dentures. 4,533,325, 8-6-85, Cl. 433-171.000.
- Blair, John J., to Dentsply Research & Development Corp. Method and apparatus to produce artificial dentures. 4,551,098, 11-5-85, Cl. 433-171.000.
- Blair, Kelvin R.; Furman, Lynn C.; and Knott, David M., to Motorola, Inc. Low-cost power device package with quick connect terminals and electrically isolated mounting means. 4,530,003, 7-16-85, Cl. 357-81.000.
- Blair, Lawrence W.; and Bryans, Alexander C., to General Electric Company. Multi stage centrifugal impeller. 4,502,837, 3-5-85, Cl. 415-198.100.
- Blair, Leslie M., to Du Pont de Nemours, E. I., and Company. Process for polymerizing formaldehyde. 4,539,387, 9-3-85, Cl. 528-232.000.
- Blair, Richard F.: *See—*
  - Drexel, Charles F.; and Blair, Richard F., 4,524,616, Cl. 73-203.000.
- Blair, Robert E.; and Peede, Michael R., to Georgia-Pacific Resins, Inc. Phenolic resin compounds. 4,495,329, 1-22-85, Cl. 524-774.000.
- Blair, Ron B., to Mobil Oil Corporation. Mass memory system addressing circuit. 4,559,620, 12-17-85, Cl. 367-78.000.
- Blair, Rudolph: *See—*
  - Barch, Herbert W.; Salego, George T.; Retsch, William H.; and Blair, Rudolph, 4,491,082, Cl. 118-234.000.
  - Barch, Herbert W.; Salego, George T.; Blair, Rudolph; and Retsch, William H., 4,517,916, Cl. 118-234.000.
- Blair, Timothy T.: *See—*
  - Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,494,858, Cl. 355-3.0TR.
  - Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,496,233, Cl. 355-3.0TR.
  - Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,497,567, Cl. 355-3.0TR.
- Blair, Winford, to Rohr Industries, Inc. Method of manufacture of honeycomb noise attenuation structure for high temperature applications. 4,522,859, 6-11-85, Cl. 428-116.000.
- Blairex Laboratories, Inc.: *See—*
  - Breeden, Rex E.; and Loturco, Raymond A., 4,529,511, Cl. 210-94.000.
- Blais, Gilbert L. X-Ray film cassette holder. 4,542,522, 9-17-85, Cl. 378-167.000.
- Blais, Gordon A. Flame injector for internal combustion engines. 4,542,724, 9-24-85, Cl. 123-266.000.
- Blais, Marcel H.: *See—*
  - Corna, John F.; and Blais, Marcel H., 4,501,100, Cl. 52-169.700.
- Blais, Phillip D., to Westinghouse Electric Corp. High resolution lithographic process. 4,557,986, 12-10-85, Cl. 430-22.000.
- Blaisdell, Ronald G.; and Gagnon, Peter R., to GTE Products Corporation. One-piece frame for an electric lamp. 4,500,948, 2-19-85, Cl. 362-382.000.
- Blake, Andy F.: *See—*
  - Gould, Charles M.; and Blake, Andy F., 4,523,606, Cl. 137-119.000.
- Blake, Colin C.; and Bacon, Paul A., to Ciba-Geigy AG. Vessel for an unstable solution of a metal salt or complex and method for sealing such vessel. 4,545,873, 10-8-85, Cl. 204-109.000.
- Blake, Donald M., Jr., to Dow Chemical Company, The. Synergistic mixture of polyurethane and emulsion polymers useful as thickeners for aqueous systems. 4,507,426, 3-26-85, Cl. 524-505.000.
- Blake, Frederick H. Lighting circuit control apparatus. 4,500,814, 2-19-85, Cl. 315-323.000.
- Blake, James A.: *See—*
  - Parker, John C.; and Blake, James A., 4,516,851, Cl. 356-28.000.
- Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J. No-stir dry mix with pudding nuggets for cake with discontinuous pudding phase. 4,513,016, 4-23-85, Cl. 426-554.000.
- Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., to General Mills, Inc. Preparation of cakes and no-stir dry mix for their preparation. 4,515,824, 5-7-85, Cl. 426-554.000.
- Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., to General Mills, Inc. No-stir dry mix with pudding granules for cake with discontinuous pudding phase. 4,529,610, 7-16-85, Cl. 426-554.000.
- Blake, Joseph W., III. Skin approximator. 4,506,669, 3-26-85, Cl. 128-334.00R.
- Blake, Joseph W., III. Skin staple extractor. 4,515,348, 5-7-85, Cl. 254-28.000.
- Blake, Joseph W., III; and Kaufman, Jack W. Surgical stapler. 4,523,707, 6-18-85, Cl. 227-19.000.
- Blake, Joseph W., III, to Blake, Joseph W., III; and Kaufman, Jack W. Ligator device. 4,532,925, 8-6-85, Cl. 128-325.000.
- Blake, Peter J.: *See—*
  - Turner, Edward W.; Blake, Peter J.; and Strzegowski, Joseph C., Jr., 4,553,464, Cl. 83-865.000.

Blake, Rodger D.: *See—*
- Meek, Thomas T.; and Blake, Rodger D., 4,529,856, Cl. 219-10.55M.
- Meek, Thomas T.; and Blake, Rodger D., 4,529,857, Cl. 219-10.55M.

Blake, Thomas B.: *See—*
- Rogers, Lloyd W., Jr.; Pilarski, Regis V.; and Blake, Thomas B., 4,540,137, Cl. 242-107.600.

Blake, Walter R., to General Electric Company. Luminaire hinge and latch. 4,516,196, 5-7-85, Cl. 362-311.000.

Blake, William: *See—*
- Allen, Peter N.; and Blake, William, 4,502,145, Cl. 372-38.000.
- Allen, Peter N.; and Blake, William, 4,547,885, Cl. 372-58.000.

Blake, William W., to Caterpillar Tractor Co. Fluid control system for two independent actuators. 4,492,251, 1-8-85, Cl. 137-596.160.

Blakely, Lewis E., Jr.: *See—*
- Brown, George T., Jr.; and Blakely, Lewis E., Jr., 4,524,778, Cl. 128-736.000.

Blakely, Linda L.; Goodman, John C.; and Walker, David B., to Polaroid Corporation. Security control system and method for identification card cameras. 4,516,845, 5-14-85, Cl. 354-412.000.

Blakely, Linda L.; and Seiden, Myron A., to Polaroid Corporation. Identification card camera system and method. 4,540,259, 9-10-85, Cl. 354-109.000.

Blakeman, Gordon E.: *See—*
- Hamar, Edward K.; and Blakeman, Gordon E., 4,538,392, Cl. 52-582.000.

Blakeslee, A division of Blako, Inc.: *See—*
- Vilen, Erik O., 4,500,210, Cl. 366-207.000.

Blakeslee, Edward A., to Sperry Corporation. Stub draper drive for draper header. 4,512,140, 4-23-85, Cl. 56-11.600.

Blakeslee, Edward A., to Sperry Corporation. Inter-trolley latch for draper header. 4,519,190, 5-28-85, Cl. 56-181.000.

Blakeslee, Edward A., to Sperry Corporation. Windrow reverser for windrower draper header. 4,522,018, 6-11-85, Cl. 56-181.000.

Blakeslee, Gerald A., to Blakeslee, Gerald A., Jr. Firemen's tool mounting assembly. 4,519,892, 5-28-85, Cl. 206-223.000.

Blakeslee, Gerald A., Jr.: *See—*
- Blakeslee, Gerald A., 4,519,892, Cl. 206-223.000.

Blakeslee, Kenneth S.: *See—*
- Phillips, Lot; Austin, Hollis B.; and Blakeslee, Kenneth S., 4,513,179, Cl. 179-175.30R.

Blakeway, Douglas H.: *See—*
- Wheeler, David C.; and Blakeway, Douglas H., 4,546,420, Cl. 362-268.000.

Blakeway Marviroll Pools Pty. Ltd.: *See—*
- Blakeway, Stanley R., 4,550,538, Cl. 52-169.700.

Blakeway, Richard S.: *See—*
- Olds, Peter J.; and Blakeway, Richard S., 4,494,260, Cl. 5-446.000.

Blakeway, Stanley R., to Blakeway Marviroll Pools Pty. Ltd. Pool and method of making same. 4,550,538, 11-5-85, Cl. 52-169.700.

Blamberg, Siegmar R. School cafeteria sound level monitor. 4,529,973, 7-16-85, Cl. 340-573.000.

Blamer, Robert H., to Bagcraft Corporation of America. Method of making tubular bag. 4,493,685, 1-15-85, Cl. 493-235.000.

Blanc, Andre: *See—*
- Bloemkolk, Willem, deceased; and Blanc, Andre, 4,555,373, Cl. 264-25.000.

Blanc, Claude: *See—*
- Oliveau, Olivier; and Blanc, Claude, 4,519,991, Cl. 423-220.000.

Blanc, Ernst, to Richard Wolf GmbH. Light projectors. 4,557,554, 12-10-85, Cl. 350-96.200.

Blanc, Guy-Francois; and Loehrer, Fritz, to Maag Gear-Wheel & Machine Company Limited. Arrangement for starting-up a position regulator of a grinding wheel support. 4,535,569, 8-20-85, Cl. 51-165.900.

Blanc, Jean-Paul; Fardouet, Claude; and Freslon, Alain, to Commissariat a l'Energie Atomique. Apparatus for cutting a submerged tube by means of a pyrotechnic charge. 4,528,910, 7-16-85, Cl. 102-306.000.

Blanc, Maurice: *See—*
- Green, David; and Blanc, Maurice, 4,495,210, Cl. 426-422.000.
- Green, David; and Blanc, Maurice, 4,508,743, Cl. 426-422.000.

Blanc, Rene: *See—*
- Hennart, Claude; and Blanc, Rene, 4,515,768, Cl. 424-40.000.

Blanc, Roger: *See—*
- Seigneurin, Michel; and Blanc, Roger, 4,534,733, Cl. 433-122.000.

Blanchandin, Monique; Girardat, Roland; and Vanestrenvord, Jean-Michel, to Thomson-CSF. Device for compensating temperature drifts of the gain of an ultra-high frequency electric signal amplifier. 4,555,675, 11-26-85, Cl. 330-289.000.

Blanchard, Albert E.: *See—*
- Galloway, James J.; and Blanchard, Albert E., 4,526,346, Cl. 254-122.000.

Blanchard, Christian: *See—*
- Belbel, Elie; Blanchard, Christian; Lauraire, Michel; Fechant, Louis; and Haury, Andre, 4,513,270, Cl. 335-195.000.
- Belbel, Elie; Blanchard, Christian; Fechant, Louis; Haury, Andre; and Lauraire, Michel, 4,536,630, Cl. 200-151.000.
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Blanchard, Clarence E., to Outboard Marine Corporation. Marine propulsion device for sailboats. 4,501,562, 2-26-85, Cl. 440-61.000.

Blanchard, Clarence E., to Outboard Marine Corporation. Outboard motor with dual trim and tilt axes. 4,504,237, 3-12-85, Cl. 440-61.000.

Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, to Procatalyse. Pollution control catalyst for internal combustion engine exhaust system/catalytic converter and process for its preparation. 4,492,769, 1-8-85, Cl. 502-262.000.

Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, to Procatalyse. Catalyst and use thereof in treating internal combustion engine exhaust gases. 4,492,770, 1-8-85, Cl. 502-304.000.

Blanchard, Jean; and Panak, Edouard, to Sanofi. Methods of using compositions having antithrombotic and anti-blood-platelet-aggregating activity. 4,537,894, 8-27-85, Cl. 514-301.000.

Blanchard, Kenneth E.; and Sanislo, Stephen V., Jr., to Phonetics, Inc. Portable device for monitoring local area. 4,558,181, 12-10-85, Cl. 179-5.00P.

Blanchard, Pierre, to Thomson-CSF. Compact differential coupler for monopulse radar. 4,553,113, 11-12-85, Cl. 333-122.000.

Blanchard, Raymond A., Jr., to SCM Corporation. Automatic work correcting system. 4,561,793, 12-31-85, Cl. 400-697.100.

Blanchard, Robert L.; Sherburne, Arthur E.; and Williams, Robert A., to Foxboro Company, The. Transfer calibration system. 4,528,839, 7-16-85, Cl. 73-1.00H.

Blanchard, Russell O.; and Batts, John H., to John Thomas Batts, Inc. Parallel bar hanger with compression hinge. 4,556,158, 12-3-85, Cl. 223-88.000.

Blanchart, Alain P. O.; and Adriaensen, Ludovicus C. M., to Electrochemische Energieconversie N.V. Porous electrode. 4,536,272, 8-20-85, Cl. 204-294.000.

Blanchet, James, to Deepsea Ventures, Inc. Ocean floor dredge system having a pneumohydraulic means suitable for providing tripping and heave compensation modes. 4,506,591, 3-26-85, Cl. 92-85.00B.

Blanchet, Pierre; and Recasens, Joseph, to Societe Europeenne des Produits Refractaires. Design of transverse-burner recuperative furnaces. 4,497,628, 2-5-85, Cl. 432-179.000.

Blanchette, Henry J., to Plastican, Inc. Mold for forming a container having a pivot means. 4,518,143, 5-21-85, Cl. 249-142.000.

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Blanck, James R. Apparatus for closing toilet seat cover. 4,519,105, 5-28-85, Cl. 4-661.000.

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- Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., 4,556,677, Cl. 514-651.000.

Bland, Gerald F.; and Sullivan, Donald K., to Outboard Marine Corporation. Vent assembly for marine propulsion devices. 4,518,363, 5-21-85, Cl. 440-89.000.

Bland, Gerald F., to Outboard Marine Corporation. Vent and drain assembly for marine propulsion device. 4,533,331, 8-6-85, Cl. 440-88.000.

Bland, Linden, to Murphy Oil Company Limited. Evaporation dehydrator. 4,533,366, 8-6-85, Cl. 55-42.000.

Bland, Linden; and Anderson, Clifford J., to Murphy Oil Company Limited. Metering separator for determining the liquid mass flow rate in a gas-liquid oilfield production stream. 4,549,432, 10-29-85, Cl. 73-200.000.

Bland, Terry E.: *See—*
- Funk, Gary L.; and Bland, Terry E., 4,545,971, Cl. 423-359.000.

Bland, Timothy J.; and Niggemann, Richard E., to Sundstrand Corporation. Impingement cooling apparatus for heat liberating device. 4,494,171, 1-15-85, Cl. 361-386.000.

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Blandford, Joseph W., to Seahorse Equipment Corporation. Subsea wellhead protector. 4,558,973, 12-17-85, Cl. 405-216.000.

Blanding, Douglass L.; and Muszak, Martin F., to Eastman Kodak Company. Apparatus for storing and dispensing analysis slides. 4,512,952, 4-23-85, Cl. 422-63.000.

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Blandino Alamia, Antonio: *See—*
- Vielmo, Paolo; Brighenti, Attilio; and Blandino Alamia, Antonio, 4,531,063, Cl. 290-53.000.

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- Greco, Claudio; and Blandino, Silvano, 4,536,139, Cl. 417-471.000.

Blando, Jack, to Liverpool Industries, Inc. Building panel. 4,548,017, 10-22-85, Cl. 52-814.000.

Blaney, Francis E.; Hadley, Michael S.; King, Francis D.; and Watts, Eric A., to Beecham Group p.l.c. Compounds. 4,533,498, 8-6-85, Cl. 260-243.300.

Blaney, Francis E.: *See—*
- Hadley, Michael S.; and Blaney, Francis E., 4,560,757, Cl. 546-112.000.

Blaney, Peter G., to Zemco, Inc. Automatic disengagement device for automotive cruise control system. 4,522,280, 6-11-85, Cl. 180-175.000.

Blanie, Paul; and Vernier, Claude. Method for obtaining clear plant juices and for the recovery of valorizable constituents. 4,551,341, 11-5-85, Cl. 426-489.000.

Blank, Gerald. Hot water control and management system. 4,508,261, 4-2-85, Cl. 236-20.00R.

Blank, Heinz U.: *See—*
- Behre, Horst; Blank, Heinz U.; Burmeister, Gerhard; and Lindner, Otto, 4,534,905, Cl. 260-505.00C.

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Bonse, Gerhard; Marzolph, Gerhard; and Blank, Heinz U., 4,496,736, Cl. 546-327.000.

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Blanke, Richard H., Jr.; and Cale, Harold N., to Chase Bag Company. Carrying handle for heavy duty olefin bags. 4,493,127, 1-15-85, Cl. 16-124.000.

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Blankenship, Ernest B., to Research Products/Blankenship Corporation. Incinerator for burning odor forming materials. 4,495,873, 1-29-85, Cl. 110-250.000.

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Graham, Merrill E., Jr.; and Blankenship, Ronnie L., 4,527,244, Cl. 364-474.000.

Blankinship, Thomas J., to Gearhart Industries, Inc. Caliper tool using magnetostrictive displacement transducer. 4,530,161, 7-23-85, Cl. 33-178.00E.

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Maris, Wiltjie; and Moran, Robert, 4,497,559, Cl. 354-316.000.

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Castaldi, Graziano; and Giordano, Claudio, 4,550,191, Cl. 560-056.000.

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Piccolo, Oreste; Villa, Giovanni; and Zen, Enrico, 4,546,201, Cl. 562-401.000.

Blase, Helmut; and Eiler, Peter, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Vehicular crane of high carrying capacity having an extensible arm. 4,555,031, 11-26-85, Cl. 212-189.000.

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Blasey, Dennis R. Solar parabolic collector. 4,561,423, 12-31-85, Cl. 126-425.000.

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Blaskis, Edward A.: *See—*

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Blatherwick, William J.: *See—*

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Blatter, Albrecht, to W. Schneeberger AG, Maschinenfabrik. Circulating roller bearing. 4,547,023, 10-15-85, Cl. 308-6.00C.

Blatter, Harold; and Amaral, Joseph E. S., to RCA Corporation. Microprocessor self-turn-off arrangement for a consumer instrument. 4,544,923, 10-1-85, Cl. 340-825.690.

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- Sturzenegger, Christian; and Blatter, Johann, 4,497,991, Cl. 200-148.00A.
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Blattler, Walter A.; Lambert, John M.; and Senter, Peter D., to Dana-Farber Cancer Institute, Inc. Acid-cleavable compound. 4,542,225, 9-17-85, Cl. 548-473.000.

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- Den Beste, Steven C.; Boyce, Douglas G.; Blattner, John D.; and Hillen, Kenneth K., 4,558,422, Cl. 364-480.000.

Blattner, Rudolf, to Ciba-Geigy AG. Process for isolating 2-naphthylamine-3,6,8-trisulfonic acid in the form of the monopotassium or monoammonium salt. 4,551,283, 11-5-85, Cl. 260-508.000.

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Blau, Heinrich; Gortz, Bernd; Grohmann, Werner; Meusel, Wolfgang; Niebergall, Heribert; and Waldmann, Hermann, to Siemens Aktiengesellschaft. System for error-protected operation of multipanel, power distribution network switches. 4,507,703, 3-26-85, Cl. 361-193.000.

Blaugrund, Robert: *See—*
- Boisvert, J. Roger; Schultz, Samuel; and Blaugrund, Robert, 4,501,088, Cl. 43-118.000.

Blaul, Ronald L., to Trigent, Inc. Method of solvent spray cleaning in an enclosed chamber. 4,561,903, 12-31-85, Cl. 134-10.000.

Blaum, Franz, to Gebruder Kommerling Kunststoffwerke GmbH. Arrangement for stamping outer surface of shaped bar material. 4,511,323, 4-16-85, Cl. 425-385.000.

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- Diepholz, Tilo; Hapke, Walter; Wohl, Wilhelm; and Schindler, H.-Joachim, 4,544,965, Cl. 360-71.000.
- Eilers, Norbert, 4,499,603, Cl. 455-205.000.
- Glatzel, Werner, 4,559,978, Cl. 140-147.000.
- Hopf, Reinhard; and Longchamp, Jean-Francois, 4,541,110, Cl. 381-46.000.
- Hopf, Reinhard, 4,542,525, Cl. 381-56.000.
- Kasser, Jurgen, 4,543,532, Cl. 329-110.000.

Blauschild, Robert A., to Signetics Corporation. Differential amplifier circuit with rail-to-rail capability. 4,532,479, 7-30-85, Cl. 330-261.000.

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Blazek, Vladimir; and Wienert, Volker. Measuring apparatus for the non-invasive detection of venous and arterial blood flow and drainage disorders. 4,494,550, 1-22-85, Cl. 128-664.000.

Blazek, Zdenek: *See—*
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Blazer International Corp.: *See—*
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- Lemme, Charles D.; and Lemme, Tracy R., 4,556,934, Cl. 362-279.000.
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Bleacher, John N.; and Cushman, Barry M., to RCA Corporation. Method for ablating a coded marking into a glass workpiece and product thereof. 4,515,867, 5-7-85, Cl. 428-204.000.

Blease, James W.: *See—*
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Blease, Wilfred J., to Pioneer Plastics, Inc. Container assembly. 4,496,068, 1-29-85, Cl. 220-4.00D.

Blechar, Theodore J.: *See—*
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Blecherman, Sol S., to United Technologies Corporation. Acoustical liners. 4,509,616, 4-9-85, Cl. 181-214.000.

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Blechschmid, John; Coyne, Richard D.; Palmer, David; and Piatt, John A., to GCA Corporation. Apparatus for vapor sheathed baking of semiconductor wafers. 4,556,785, 12-3-85, Cl. 219-460.000.

Bleck, Norris E.: *See—*
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Bleckmann, Hans-Wilhelm: *See—*
- Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, 4,523,791, Cl. 303-92.000.
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Bleeke, William F., to Xolox Corporation. Magnetic switch apparatus. 4,540,964, 9-10-85, Cl. 335-205.000.

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Bleger, Claude: *See—*
- Nolting, Peter; and Bleger, Claude, 4,516,106, Cl. 338-28.000.

Bleggi, Joseph N. Boat railing mounted fishing rod holder. 4,517,761, 5-21-85, Cl. 43-21.200.

Blei, Peter: *See—*
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Bleicher, Manfred: *See—*
- Schmid, Wolfgang; Wanner, Karl; Falchle, Jorg; Bleicher, Manfred; and Muller, Frank, 4,537,264, Cl. 173-48.000.

Bleile, Dennis M.: *See—*
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Bleimann, Karl R.; Fookes, Michael J.; McVicker, Richard W.; Munn, John W.; and Nelson, Eugene R., to Fuchs Systems, Inc. Burner in a drum. 4,525,139, 6-25-85, Cl. 431-189.000.

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- Barth, Walter; and Kremser, Harald H., 4,509,245, Cl. 29-525.000.
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- Raaf, Helmut, 4,525,343, Cl. 424-54.000.
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Blessing, Jules C.: *See—*
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Blessing, Kenneth C. Machine tool leverage control handle. 4,538,479, 9-3-85, Cl. 74-528.000.

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Blessum, Norman S.: *See—*
- Ragle, Herbert U.; and Blessum, Norman S., 4,502,082, Cl. 360-76.000.

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Bliefert, Claus; Boldhaus, Hans-Michael; and Hoffmann, Manfred, to Hewing GmbH & Co. Process for the fluorination of a surface layer of formed bodies made of plastics. 4,536,266, 8-20-85, Cl. 204-159.180.

Blien, Harry: *See—*
- Strobl, Otto; Blien, Harry; and Uliczka, Wolfgang, 4,553,289, Cl. 19-161.100.

Bliese, Rodger W.: *See—*
- Leining, Lyndon R.; Bliese, Rodger W.; and White, Gordon G., 4,525,896, Cl. 17-1.00R.

Bligh, Bernard R., to Air Products and Chemicals, Inc. Process and plant for removing methane and argon from crude ammonia synthesis gas. 4,549,890, 10-29-85, Cl. 62-18.000.

Blight, Ronald E.; and Schloemann, Ernst F. R. A., to Raytheon Company. Magnetically tuned resonant circuit. 4,543,543, 9-24-85, Cl. 333-24.100.

Bliley, Ward L., to Structural Fibers, Inc. Lined pressure vessels. 4,504,530, 3-12-85, Cl. 428-35.000.

Blin, Jean H. P. Variable volume fluid induction and delivery machine. 4,509,410, 4-9-85, Cl. 92-89.000.

Blin, Marie-Francone: *See—*
- Berthet, Jeanne; Blin, Marie-Francoise; Gaussens, Gilbert; and Noaillac, Jean R., 4,557,749, Cl. 71-64.110.

Blinn, Harold A.: *See—*
- Oliver, Brian H.; Blinn, Harold A.; and Carvalho, Robert L., 4,547,422, Cl. 428-286.000.

Blinne, Gerd; and Muench, Volker, to BASF Aktiengesellschaft. Transparent flame-retardant poly(arylether-arylsulfone) molding materials. 4,551,493, 11-5-85, Cl. 524-89.000.

Blinov, Konstantin A.: *See—*
- Mizin, Vladimir G.; Zubarev, Alexei G.; Kolganov, Gennady S.; Volkov, Stanislav S.; Rudnev, Jury A.; Ivashina, Evgeny N.; Blinov, Konstantin A.; and Jugov, Petr I., 4,557,758, Cl. 75-51.200.

Blion, Didier, to Societe Anonyme Automobiles Citroen; and Societe Anonyme Automobiles Peugeot. Filler cap having a hinged cover. 4,498,600, 2-12-85, Cl. 220-255.000.

Bliss, Dan E.: *See—*
- Fletcher, Aaron N.; McManis, George E., III; and Bliss, Dan E., 4,555,455, Cl. 429-112.000.

Bliss, Delbert N. Saw guide. 4,522,098, 6-11-85, Cl. 83-745.000.

Bliss, John H. Inertial flight director system. 4,534,000, 8-6-85, Cl. 364-428.000.

Bliss, Lawrence: *See—*
- Krakauer, Lawrence; and Bliss, Lawrence, 4,524,266, Cl. 235-377.000.

Bliss, Peter J.: *See—*
- Barnes, David; and Bliss, Peter J., 4,505,819, Cl. 210-603.000.

Blitchington, Frank H.; and Haught, David E., to AT&T Technologies, Inc. Inspection scanning system. 4,556,903, 12-3-85, Cl. 358-106.000.

Blitshteyn, Mark, to Simco Company, Inc., The. Panoramic electrostatic field sensor. 4,529,940, 7-16-85, Cl. 324-458.000.

Bliznjuk, Jury A.: *See—*
- Kulesh, Vladimir P.; Moskalik, Leonid M.; Orlov, Anatoly A.; Bliznjuk, Jury A.; and Shtandel, Stanislav K., 4,558,952, Cl. 356-349.000.

Blizzard Gesellschaft m.b.H.: *See—*
- Arnsteiner, Anton, 4,523,772, Cl. 280-610.000.

Blizzard, John D.; and Swihart, Terence J., to Dow Corning Corporation. Curable masses producing carboxyfunctional silicone coatings. 4,495,340, 1-22-85, Cl. 528-15.000.

Blizzard, John D.; and Swihart, Terence J., to Dow Corning Corporation. Curable silicone compositions comprising resins. 4,537,829, 8-27-85, Cl. 428-429.000.

Bloch, Aaron N.: *See—*
- Sheng, Ping; and Bloch, Aaron N., 4,536,608, Cl. 136-259.000.

Bloch, Alf L.; and Tindall, Joseph H., to West Industries, Inc. Tip in equalizing apparatus. 4,549,457, 10-29-85, Cl. 83-582.000.

Bloch, Bertrand: *See—*
- Ropars, Marcel; and Bloch, Bertrand, 4,525,573, Cl. 528-232.000.

Bloch, Igal: *See—*
- Schour, Avi; and Bloch, Igal, 4,510,701, Cl. 36-68.000.

Bloch, Joseph T., to Boeing Company, The. Compliant robot arm adapter assembly. 4,518,307, 5-21-85, Cl. 414-729.000.

Bloch, Joseph T.; and Cross, Dan A., to Boeing Company, The. Wire canister for a robotic wire harness assembly system. 4,520,966, 6-4-85, Cl. 242-54.00R.

Bloch, Joseph T., to Boeing Company, The. Hand repair tool for curved surfaces. 4,538,946, 9-3-85, Cl. 409-179.000.

Bloch, Klaus: *See—*
- Klotz, Helmut; and Bloch, Klaus, 4,539,082, Cl. 204-93.000.

Bloch, Peter; Donner, Meinrad; and Schwaighofer, Roman, to Maag Gear-Wheel & Machine Company Limited. Gear grinding machine including a double-cone shaped grinding wheel. 4,545,151, 10-8-85, Cl. 51-52.00R.

Bloch, Peter; and Wydler, Robert, to Maag Gear-Wheel & Machine Company Limited. Method for controlling a grinding stroke in a gear tooth flank grinding machine. 4,551,954, 11-12-85, Cl. 51-287.000.

Bloch, Peter; Schneider, Otto; and Donner, Meinrad, to Maag Gear-Wheel & Machine Company Limited. Method and apparatus for eliminating undulation errors on gear-tooth flanks in production gear-fabricating machines. 4,555,871, 12-3-85, Cl. 51-52.00R.

Bloch, Peter: *See—*
- Adam, Jean-Marie; and Bloch, Peter, 4,501,592, Cl. 8-676.000.

Bloch, Ricardo; McCrary, Thomas J., Jr.; and Brownawell, Darrell W., to Exxon Research & Engineering Co. Ethylene copolymer viscosity index improver-dispersant additive useful in oil compositions. 4,517,104, 5-14-85, Cl. 252-51.50A.

Bloch, Ricardo: *See—*
- Gutierrez, Antonio; Brownawell, Darrell W.; and Bloch, Ricardo, 4,557,847, Cl. 252-51.50A.
- Johnston, John E.; Bloch, Ricardo; Ver Strate, Gary W.; and Song, W. R., 4,507,515, Cl. 585-12.000.
- Ryer, Jack; Bloch, Ricardo; and Deen, Harold E., 4,532,062, Cl. 252-78.100.

Bloch, Richard: *See—*
- Ash, Stephen R.; Wolf, Gordon C.; and Bloch, Richard, 4,498,902, Cl. 604-164.000.

Bloch, Samuel; Bressler, Klaus; Idler, Horst; and Kleiber, Herbert, to International Standard Electric Corporation. Facility for monitoring the level of a radio-frequency signal. 4,506,332, 3-19-85, Cl. 364-483.000.

Block, Charles; and Mintz, Leon, to Joseph Galkin Corporation. Belt loop setting system. 4,527,491, 7-9-85, Cl. 112-104.000.

Block, Dale A., to Kohler Co. Handle assembly. 4,515,037, 5-7-85, Cl. 74-553.000.

Block, Dennis A., to Federal-Mogul Corporation. Springless self-aligning clutch release bearing assembly. 4,506,774, 3-26-85, Cl. 192-98.000.

Block Drug Company, Inc.: *See—*
- Chang, Tiang-Shing; and Zientek, Lucy J., 4,521,551, Cl. 523-120.000.
- Chang, Tiang-Shing; Zientek, Lucy J.; and Viningauz, Arthur, 4,542,168, Cl. 523-118.000.
- Gardella, John M.; Ciepierski, Casimir; Alfano, Michael; and Chang, Tiang-Shing, 4,544,356, Cl. 433-122.000.
- Hauptmann, Michael C.; and Russomanno, Charles G., 4,534,070, Cl. 4-228.000.
- Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, 4,491,576, Cl. 424-78.000.
- Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, 4,497,831, Cl. 514-717.000.
- Russomanno, Charles, 4,534,071, Cl. 4-228.000.

Block, Elliott: *See—*
- Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.

Block, Franz-Rudolf, to Arbed S.A. Process for monitoring a continuous casting mold in operation. 4,529,029, 7-16-85, Cl. 164-453.000.

Block, Hans-Dieter: *See—*
  Serini, Volker; Schulte, Bernhard; Block, Hans-Dieter; and Freitag, Dieter, 4,491,656, Cl. 528-167.000.

Block, Jacob, to W. R. Grace & Co. Completion and workover fluid. 4,541,485, 9-17-85, Cl. 166-281.000.

Block, Jacob, to W. R. Grace & Co. High temperature drilling mud stabilizer. 4,547,297, 10-15-85, Cl. 252-8.50A.

Block, Michael J.: *See—*
  Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., 4,521,278, Cl. 201-17.000.
  Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., 4,545,859, Cl. 201-17.000.

Block, Myron J.: *See—*
  Hirschfeld, Tomas B.; and Block, Myron J., 4,558,014, Cl. 436-527.000.

Block, Norman L.: *See—*
  Eckstein, Eugene C.; Block, Norman L.; Kline, Jacob; and Pinchuk, Leonard, 4,527,293, Cl. 623-12.000.

Block, Richard M. Universal child's toilet trainer. 4,516,279, 5-14-85, Cl. 4-235.000.

Block, Robert S.; and Martin, John R., to Telease, Inc. Method and system for subscription television billing and access. 4,528,589, 7-9-85, Cl. 358-122.000.

Block, Roger R. Connector for electromagnetic impulse suppression. 4,554,608, 11-19-85, Cl. 361-119.000.

Block, Siegmar; and Blumenthal, Gunter. Electrohydraulic three-port, two position valve. 4,529,006, 7-16-85, Cl. 137-625.650.

Block, Thomas S., to McGraw-Edison Company. Floor treating machine. 4,506,405, 3-26-85, Cl. 15-320.000.

Block, Werner; and Greiler, Wolfgang, to Patent-Treuhand Gesellschaft fur Elektrische Gluhlampen mbH. High-pressure electric discharge lamp with interfitting socket and support. 4,533,851, 8-6-85, Cl. 313-51.000.

Block, William V.: *See—*
  Mahoney, Dennis F.; and Block, William V., 4,537,705, Cl. 252-529.000.

Blodgett, Gerry A.: *See—*
  Mattress, Albert, Jr., 4,531,770, Cl. 292-307.00R.

Blodgett, Jerry A.; Szu, Harold H.; Giles, C. Lee; and Athale, Ravindra, to United States of America, Navy. Spatial frequency multiplexed coherent optical processor for calculating generalized moments. 4,505,544, 3-19-85, Cl. 350-162.130.

Blodgett, Norman S.: *See—*
  Mattress, Albert, Jr., 4,531,770, Cl. 292-307.00R.

Bloechel, Bradley A. Collapsible portable stove and carrying case therefor. 4,508,095, 4-2-85, Cl. 126-9.00R.

Bloeck, Siegfried; and Stanek, Oldrich, to Swiss Aluminium Ltd. Process of heat sealing a closure strip to a can lid. 4,529,468, 7-16-85, Cl. 156-320.000.

Bloeckinger, Peter: *See—*
  Klueber, Wilhelm; Bloeckinger, Peter; and Theissig, Werner, 4,529,044, Cl. 173-48.000.

Bloem, Herman, to U.S. Philips Corporation. Method of connecting a plate-shaped absorber for solar heat to a tubular heat transport system. 4,491,175, 1-1-85, Cl. 165-183.000.

Bloemendal, Berend J.; and Grootte Bromhaar, Marinus J., to Delta Screw Nederland B.V. Apparatus adapted for use as a screw compressor for motor. 4,504,203, 3-12-85, Cl. 418-201.000.

Bloemkolk, Christiane, legal representative: *See—*
  Bloemkolk, Willem, deceased; and Blanc, Andre, 4,555,373, Cl. 264-25.000.

Bloemkolk, Willem, deceased (by Bloemkolk, Christiane, legal representative); and Blanc, Andre, to Vitrotex Saint-Gobain. Pressing of reinforced thermosetting polymer articles. 4,555,373, 11-26-85, Cl. 264-25.000.

Blohm, Knud; and Krogh, Egon, to Danfoss A/S. Control apparatus for a step drive. 4,538,717, 9-3-85, Cl. 192-0.094.

Blohm, Knud; and Petersen, Hans P. B., to Danfoss A/S. Pneumatic setting device. 4,561,345, 12-31-85, Cl. 91-459.000.

Blohm, Knud: *See—*
  Krogh, Egon; and Blohm, Knud, 4,491,826, Cl. 340-347.00P.
  Krogh, Egon; and Blohm, Knud, 4,506,771, Cl. 192-12.00R.

Blohm & Voss AG: *See—*
  Brosigke, Michael, 4,506,791, Cl. 212-190.000.
  Franz, Hans-Joachim; Sadler, Karl-Otto; and Schmidt, Willi, 4,561,372, Cl. 114-74.00R.
  Sadler, Karl O.; and Worzeck, Jonny, 4,541,323, Cl. 89-41.140.
  Sadler, Karl O.; and Schmidt, Willy, 4,553,493, Cl. 114-1.000.

Blokhuis, William: *See—*
  Muir, Ron; and Blokhuis, William, 4,560,489, Cl. 252-33.400.

Blom, C. James, to Roxor Corporation. Segmented mirror. 4,560,256, 12-24-85, Cl. 350-613.000.

Blom, Friedrich, to Windmoller & Holscher. Apparatus for splicing the trailing end of a web from an exhausted supply roll to the leading end of a web from a new supply roll. 4,492,609, 1-8-85, Cl. 156-507.000.

Blom, Hans A., to Synektron Corporation. Stator assembly for permanent magnet rotary device. 4,540,906, 9-10-85, Cl. 310-67.00R.

Blom, Hendrik: *See—*
  Koppe, Rudolf P.; and Blom, Hendrik, 4,518,927, Cl. 330-284.000.

Blomback, Birger; and Okada, Masahisa, to New York Blood Center, Inc. Fibrin gel-containing filter of porous material. 4,505,817, 3-19-85, Cl. 210-484.000.

Blomback, Birger; and Okada, Masahisa, to New York Blood Center, Inc. Process for separating substances from one another using a fibrin gel filter. 4,505,822, 3-19-85, Cl. 210-635.000.

Blomgren, Kenneth E.; and Oberhauser, Louis B. Method and apparatus for securing a wheelchair to a vehicle floor. 4,492,403, 1-8-85, Cl. 296-65.00R.

Blomkvist, Kent; and Nordvall, Jan O., to ASEA Aktiebolag. Magnetoelastic torque transducer. 4,506,554, 3-26-85, Cl. 73-862.360.

Blomkvist, Villhard: *See—*
  Helle, Antti; and Blomkvist, Villhard, 4,504,344, Cl. 156-185.000.

Blomley, Peter F., to International Standard Electric Corporation. Gain regulation circuit for an amplifier circuit. 4,502,018, 2-26-85, Cl. 330-254.000.

Blomley, Peter F., to International Standard Electric Corporation. Waveform clipping circuits. 4,506,113, 3-19-85, Cl. 179-81.00B.

Blomley, Peter F., to International Standard Electric Corporation. Loudspeaking telephones. 4,555,596, 11-26-85, Cl. 179-81.00B.

Blomquist, Bradley E. Fishing equipment. 4,501,087, 2-26-85, Cl. 43-42.060.

Blomquist, James E.: *See—*
  Wilczewski, Robert H.; and Blomquist, James E., 4,502,796, Cl. 384-439.000.

Blomquist, Leonard A.; and Avery, John, to Continental Packaging Company, Inc. Slew control mounting device for label magazine. 4,540,460, 9-10-85, Cl. 156-571.000.

Blomquist, Seppo I.; Saarela, Markku T.; Pouru, Hannu J.; Nyman, Bror G.; Lindroos, Kaj-Henrik; Koivunen, Timo T.; and Fugleberg, Sigmund P., to Outokumpu Oy. Method for regenerating pickling acids. 4,526,650, 7-2-85, Cl. 156-642.000.

Blomqvist, Olle. Apparatus for carrying out quadriceps training. 4,502,681, 3-5-85, Cl. 272-142.000.

Blomqvist, Seppo I.; Saarela, Markku T.; Huhtala, Martti E.; Niska, Raimo A.; and Vaittinen, Hannu A., to Outokumpu Oy. Means for supporting the material under treatment in continuous-action heat treatment furnaces. 4,538,986, 9-3-85, Cl. 432-236.000.

Blonder-Tongue Laboratories, Inc.: *See—*
  Mistry, Kantilal, 4,494,142, Cl. 358-118.000.

Blondes, Leonard S.: *See—*
  Clar, Milton, 4,525,237, Cl. 156-540.000.

Bloo, Johann: *See—*
  Schonberger, Johann; Bloo, Johann; Mistlberger, Bruno; and Gehmaier, Johann, 4,509,562, Cl. 139-13.00R.

Blood, Mark L.; Darnell, Joseph W.; Fergeson, Allen D.; and Rouse, David M., to AT&T Bell Laboratories. Data communication network. 4,554,659, 11-19-85, Cl. 370-88.000.

Bloom, Daniel H. Pressed number pocket. 4,557,063, 12-10-85, Cl. 40-5.000.

Bloom, Daniel M.: *See—*
  Sands, Robert W.; and Bloom, Daniel M., 4,536,834, Cl. 362-303.000.

Bloom Engineering Company, Inc.: *See—*
  Morgan, John W., II; and Klein, Thomas E., 4,528,672, Cl. 373-75.000.

Bloom, Harold T.: *See—*
  Hyde, Rebecca A.; Bloom, Harold T.; and Morris, Thomas E., 4,541,825, Cl. 493-44.000.

Bloom, Phyllis R.; and Sherrard, Perry O. Pet dryer. 4,559,903, 12-24-85, Cl. 119-19.000.

Bloom, Stanley, to RCA Corporation. Mesh lens focus mask for a cathode-ray tube. 4,514,658, 4-30-85, Cl. 313-402.000.

Bloom, Stephen R., to Perfection Automotive Products Corp. Wire wheel cover brush. 4,524,480, 6-25-85, Cl. 15-159.00A.

Bloom, Terry R.; and Nespor, John F., to CTS Corporation. Porcelain tape for producing porcelainized metal substrates. 4,556,598, 12-3-85, Cl. 428-209.000.

Bloom, William G.: *See—*
  Wyatt, Philip W.; Newsome, Allen L., Jr.; Bloom, William G.; Siegel, Bernard; and Lubov, Michael, 4,508,123, Cl. 128-692.000.

Bloom, William M.; Deringer, John F.; and Hall, Robert J., to Allegheny Ludlum Steel Corporation. Replaceable seals for ladle heaters. 4,529,176, 7-16-85, Cl. 266-242.000.

Bloome, James A.; Meeker, Rick A.; Whicker, Jerry T.; and Foreman, Frederick J., to Kartridg Pak Co., The. Portable polisher. 4,499,624, 2-19-85, Cl. 15-97.00R.

Bloome, James A.; and Shaw, Jimmie, to Kartridg Pak Co., The. Meat separating means. 4,546,927, 10-15-85, Cl. 241-74.000.

Bloomer, James W., II; and Nunn, Robert H., to United States of America, Navy. Apparatus for measurement of sliding friction using gyroscopic mass. 4,498,329, 2-12-85, Cl. 73-9.000.

Bloomer, Milton D., to General Electric Company. Current sensor. 4,500,838, 2-19-85, Cl. 324-117.00R.

Bloomer, Milton D., to General Electric Company. Alternating comparator circuitry for improved discrete sampling resistance control. 4,513,207, 4-23-85, Cl. 307-126.000.

Bloomer, Milton D., to General Electric Company. Reverse-phase-control power switching circuit and method. 4,528,494, 7-9-85, Cl. 323-237.000.

Bloomer, Milton D., to General Electric Company. Controlled switching of non-regenerative power semiconductors. 4,540,893, 9-10-85, Cl. 307-248.000.

Bloomer, Milton D., to General Electric Company. Circuit for preventing excessive power dissipation in power switching semiconductors. 4,547,828, 10-15-85, Cl. 361-86.000.

Bloomfield, Allen A.; and Goodall, James R., to Imperial Chemical Industries Limited. Traverse roll for filament yarn cross winding apparatus. 4,526,326, 7-2-85, Cl. 242-43.200.

Bloomfield, John W., III. Glass bottom boat. 4,548,148, 10-22-85, Cl. 114-66.000.
Bloomfield, Michael K.: *See—*
  Walker, William B.; Justus, Paul D.; and Bloomfield, Michael K., 4,541,768, Cl. 414-535.000.
Bloomfield, Philip E., to Pennwalt Corporation. Weight sensing apparatus employing polymeric piezoelectric film. 4,512,431, 4-23-85, Cl. 177-210.00R.
Bloomquist, Dayton E., to Red Owl Stores, Inc. Refrigeration/air exchanger system maintaining two different temperature compartments. 4,553,584, 11-19-85, Cl. 165-30.000.
Bloomquist, George W., to FMC Corporation. Vehicle supported foldable service conduit. 4,548,236, 10-22-85, Cl. 137-615.000.
Bloor, Trevor J.; and Walton, Lawrence J. Solar water heating apparatus. 4,517,961, 5-21-85, Cl. 126-450.000.
Blore, John C. B. Backing material. 4,539,337, 9-3-85, Cl. 521-89.000.
Bloss, Walter L., III; and Brody, Edward M., to GTE Automatic Electric Laboratories Incorporated. Multi-wavelength demultiplexer for fiber optical communication. 4,513,305, 4-23-85, Cl. 357-30.000.
Blosser, Henry G.; Johnson, David A.; Riedel, Jack; and Burleigh, Richard J., to Board of Trustees operating Michigan State University. Rotatable superconducting cyclotron adapted for medical use. 4,507,616, 3-26-85, Cl. 328-234.000.
Blosser, Stephen T.: *See—*
  Miller, Jack V.; and Blosser, Stephen T., 4,529,191, Cl. 272-62.000.
Blosser, Virgil Y.: *See—*
  Singh, Anand P.; Blosser, Virgil Y.; and Crumbacher, Thomas A., 4,527,946, Cl. 425-42.000.
Blossfeld, Lothar, to ITT Industries, Inc. Process for manufacturing a monolithic integrated circuit comprising at least one bipolar planar transistor. 4,509,250, 4-9-85, Cl. 29-578.000.
Blossfeld, Lothar, to ITT Industries, Inc. Monolithic integrated circuit. 4,550,490, 11-5-85, Cl. 29-571.000.
Blossfeld, Lother, to ITT Industries, Inc. Process for manufacturing a monolithic integrated solid-state circuit having at least one insulated-gate field-effect transistor and at least one bipolar transistor. 4,503,603, 3-12-85, Cl. 29-571.000.
Blossick, Raymond B.; Bortzfield, Frank M.; Brown, Kenneth E.; Herr, Joseph H.; and Rannels, Gerald L., to Armstrong World Industries, Inc. Press cleaning apparatus. 4,546,574, 10-15-85, Cl. 51-170.00T.
Blotenberg, Wilfried, to MAN Maschinenfabrik Unternehmensbereich GHH Sterkrade. Method and apparatus for controlling at least two parallel-connected turbocompressors. 4,560,319, 12-24-85, Cl. 415-1.000.
Blough, James A. Refuse receptacle with liquid retainer. 4,538,512, 9-3-85, Cl. 100-131.000.
Blough, William M., Jr., to Beckman Instruments, Inc. Binary kinetic assay method and apparatus. 4,539,295, 9-3-85, Cl. 436-34.000.
Blouin, John J.: *See—*
  Sherwin, Martin B.; and Blouin, John J., 4,560,653, Cl. 435-109.000.
Blount, Frederick T., to International Business Machines Corporation. Binary number substitution mechanism. 4,510,582, 4-9-85, Cl. 364-900.000.
Blount, William W.; and Robinette, William M., to Eastman Kodak Company. Unsaturated polyester compositions comprising carboxylated cellulose ester. 4,539,349, 9-3-85, Cl. 523-509.000.
Blounthurst Limited: *See—*
  Clarke, Herbert E.; and Lampkin, Peter R., 4,502,186, Cl. 24-16.0PB.
Blounts, Joseph: *See—*
  Krause, Glenn C.; and Blounts, Joseph, 4,511,063, Cl. 222-75.000.
Bloxham, Roger W. Floating dry dock. 4,510,877, 4-16-85, Cl. 114-45.000.
Bloxom, Ingrid B., Jr. Apparatus for colonic and intestinal irrigation. 4,518,382, 5-21-85, Cl. 604-27.000.
Bloy, Vincente: *See—*
  Frank-Neumann, Michel; Sedrati, Madjid; Vigneron, Jean-Pierre; and Bloy, Vincente, 4,551,545, Cl. 560-124.000.
Blu-Surf, Inc.: *See—*
  Cunningham, Roger D., 4,548,579, Cl. 432-72.000.
  Hanson, Lester A., 4,493,640, Cl. 432-72.000.
Blucher, Hubert; von Blucher, Hasso; and de Ruiter, Ernest. Filter sheet material. 4,510,193, 4-9-85, Cl. 428-196.000.
Blucher, Steven L., to Dimarzio Musical Instrument Pickups. Transducer for stringer musical instrument. 4,501,185, 2-26-85, Cl. 84-1.150.
Blue Circle Industries PLC: *See—*
  Hepher, Nicholas M., 4,556,481, Cl. 209-127.000.
  Inculet, Ion I., 4,514,289, Cl. 209-127.300.
  Inculet, Ion I.; Norberg, Anna K. E.; and Hepher, Nicholas M., 4,517,078, Cl. 209-127.300.
  Vas, Gerson M. F.; and Shiel, Leslie E., 4,496,670, Cl. 523-205.000.
Blue Harbor, Inc.: *See—*
  Rutten, Peter T.; and Kalinowski, James E., 4,534,306, Cl. 114-311.000.
Blue Mountain Industries: *See—*
  Koval, Alexander; and Whitlow, H. Donald, 4,505,338, Cl. 172-611.000.
Blue Water, Ltd.: *See—*
  Ward, James E., 4,531,584, Cl. 166-265.000.
Bluegrass Electronics Inc.: *See—*
  DuRand, Elden E., III, 4,552,022, Cl. 73-647.000.
Bluem, Gary R.: *See—*
  Espiritu Santo, Eugenio; Baxter, Kenneth D.; and Bluem, Gary R., 4,510,814, Cl. 73-862.570.
Bluestein, Ben A., to General Electric Company. Solvent resistant vulcanizable silicone rubber composition. 4,529,752, 7-16-85, Cl. 523-214.000.
Bluestein, Leo I.; Crandell, Paul E.; Drake, David A.; Jedynak, Leo; and Simpson, Larry W., to Oak Industries Inc. Two level encripting of RF signals. 4,531,021, 7-23-85, Cl. 178-22.080.
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  Wechselberger, Anthony J.; Bluestein, Leo I.; Jedynak, Leo; Drake, David A.; and Simpson, Larry W., 4,531,020, Cl. 178-22.080.
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  Craig, Edwin R.; and Blumberg, Ben, Jr., 4,508,677, Cl. 376-174.000.
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  - Markart, Ernst; Blumel, Reinhard; and Eggert, Holger, 4,509,859, Cl. 356-446.000.
- Blumenberg, Gunther: *See—*
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- Blumenfeld, Alfred M.: *See—*
  - Rosofsky, Paul M.; and Blumenfeld, Alfred M., 4,543,679, Cl. 15-110.000.
- Blumenfeld, John F.; and Bubon, Frank, to Emhart Industries, Inc. Glass forehearth. 4,552,579, 11-12-85, Cl. 65-346.000.
- Blumenkranz, James J., to R & G Sloane Mfg. Co., Inc. Plastic pipe joint. 4,508,368, 4-2-85, Cl. 285-21.000.
- Blumensaadt, Hans C., to Gottlieb Weinmann Gerate fur Medizin und Arbeitsschutz G.m.b.H. & Co. Pump element of a device for artificial respiration. 4,537,191, 8-27-85, Cl. 128-205.130.
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  - Bender, Franz; Blumensaat, Klaus; and Burthel, Wolfgang, 4,556,170, Cl. 236-86.000.
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  - Block, Siegmar; and Blumenthal, Gunter, 4,529,006, Cl. 137-625.650.
- Blumenthal, Jack L.; Ogren, John R.; Rutkowski, Eugene V.; and Appel, Marvin, to TRW Inc. Chemical laser pump including cryogenic and condensing means. 4,514,698, 4-30-85, Cl. 330-4.300.
- Blumenthal, Lawrence S., to Gelhaar Uniform Company. Playing field boundary flag and support therefor. 4,520,985, 6-4-85, Cl. 248-530.000.
- Blumer, David J., to Occidental Research Corporation. Process for extracting tungsten or molybdenum from solution. 4,515,756, 5-7-85, Cl. 423-54.000.
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- Blumle, Martin, to Winkler & Dunnebier Maschinenfabrik und Eisengiesserei GmbH & Co. KG. Sheet pile replenishment apparatus. 4,526,501, 7-2-85, Cl. 414-32.000.
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- Blundell, David J.; Griffin, Brian P.; and MacDonald, William A., to Imperial Chemical Industries PLC. Anisotropic polyesteramide polymers having improved retention of physical properties at elevated temperatures and methods of manufacture thereof. 4,499,256, 2-12-85, Cl. 528-172.000.
- Blunt, Thomas O.: *See—*
  - DeLeeuw, Cornelius; and Blunt, Thomas O., 4,492,368, Cl. 269-32.000.
- Blust, Dale K.: *See—*
  - Rockerath, John L.; and Blust, Dale K., 4,545,544, Cl. 242-55.000.
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- Bluthgen, Bjorn, to Polygram GmbH. Method for eliminating unwanted acoustic signals in audio programs to be edited for reproduction. 4,501,014, 2-19-85, Cl. 381-94.000.
- Bluzer, Nathan, to Westinghouse Electric Corp. Semiconductor circuit for compressing the dynamic range of a signal. 4,499,590, 2-12-85, Cl. 377-60.000.
- Bluzer, Nathan, to Westinghouse Electric Corp. Heterojunction semiconductor device. 4,549,195, 10-22-85, Cl. 357-30.000.
- Bluzer, Nathan; and Lampe, Donald R., to Westinghouse Electric Corp. Charge transfer device having an improved read-out portion. 4,559,638, 12-17-85, Cl. 377-60.000.
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  - Dimick, David L.; Bly, Kenneth B.; and Ludecke, Otto A., 4,509,966, Cl. 55-502.000.
- Bly, Vincent T., to United States of America, Army. Passive optical system for background suppression in starring imagers. 4,515,443, 5-7-85, Cl. 350-396.000.
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- Blytas, George C., to Shell Oil Company. Recovery of glycerine from saline waters. 4,560,812, 12-24-85, Cl. 568-869.000.
- Blyth, Randolph C.: *See—*
  - Ucci, Pompelio A.; and Blyth, Randolph C., 4,501,591, Cl. 8-495.000.
- Blythe, Michael P.: *See—*
  - Loyzim, Robert J.; and Blythe, Michael P., 4,562,393, Cl. 318-599.000.
- BM Chemie Kunststoff GmbH: *See—*
  - Melchior, Bernd, 4,560,411, Cl. 106-90.000.
- BMC Industries, Inc.: *See—*
  - Frohlich, Sigurd; and Morris, James V., 4,496,420, Cl. 156-643.000.
- BMD Badische Maschinenfabrik Durlach GmbH: *See—*
  - Kobel, Alfons; Damm, Norbert; and Geiger, Werner, 4,529,026, Cl. 164-37.000.
  - Kobel, Alfons; and Damm, Norbert, 4,538,664, Cl. 164-37.000.
  - Weis, Martin; and Scholz, Adolf, 4,501,313, Cl. 164-404.000.
- BNF Metals Technology Centre: *See—*
  - Bowers, John E., 4,496,394, Cl. 75-63.000.
- Boa A.G. Luzern: *See—*
  - Marti, Wilhelm; and Reichen, Fredy, 4,542,921, Cl. 285-114.000.
- Boan, William J.; and Coomes, Robert D., to Purex Corporation. Agglomerator. 4,501,499, 2-26-85, Cl. 366-156.000.
- Board, David B.; and Cooper, William J., to Diagnostic Equipment Development, Inc. Method and apparatus for diagnosing machine condition. 4,530,240, 7-23-85, Cl. 73-593.000.
- Board of Governors for Higher Education, State of Rhode Island, The: *See—*
  - Krul, William R., 4,532,733, Cl. 47-58.000.
  - Langdon, Christopher, 4,556,472, Cl. 204-406.000.
- Board of Regents acting for and on behalf of the University of Michigan, The: *See—*
  - Tien, Tseng-Ying, 4,533,647, Cl. 501-105.000.
- Board of Regents, The University of Texas System: *See—*
  - Bauld, Nathan L.; and Bellville, Dennis J., 4,503,195, Cl. 525-333.400.
  - Bauld, Nathan L.; and Bellville, Dennis J., 4,552,928, Cl. 525-326.200.
  - Cuff, George W.; and McGinity, James W., 4,518,547, Cl. 264-4.700.
  - Folkers, Karl; Bowers, Cyril Y.; Kubiak, Teresa M.; and Stepinski, Janusz, 4,504,414, Cl. 260-112.5LH.
  - Folkers, Karl; and Laesecke, Klaus P., 4,550,109, Cl. 514-249.000.
  - Hanahan, Donald J.; and Pinckard, R. Neal, 4,504,474, Cl. 514-78.000.
  - Hanahan, Donald J.; and Pinckard, R. Neal, 4,551,446, Cl. 514-77.000.
  - Holcombe, James A.; and Rettberg, Thomas, 4,529,307, Cl. 356-312.000.
  - Itoh, Tatsuo; and Stephan, Karl D., 4,509,209, Cl. 455-327.000.
  - Jones, Richard A., 4,506,030, Cl. 502-155.000.
  - Kettman, John R.; and Norgard, Michael V., 4,514,498, Cl. 435-240.000.
  - Linner, John G., 4,510,169, Cl. 427-4.000.
  - Luduena, Richard F., 4,511,501, Cl. 260-112.00R.
  - Morrow, Robert M.; Kuebker, William A.; and McGinity, James W., 4,537,689, Cl. 252-11.000.
  - Munro, Mark S.; Quattrone, Alfred J.; Ellsworth, Steven R.; and Eberhart, Robert C., 4,530,974, Cl. 525-329.400.
  - Weldon, William F.; and Gully, John H., 4,544,874, Cl. 322-10.000.
  - Weldon, William F.; Gully, John H.; and Walls, William A., 4,562,368, Cl. 310-178.000.
- Board of Trustees operating Michigan State University: *See—*
  - Asmussen, Jes; and Root, Joseph J., 4,507,588, Cl. 315-39.000.
  - Blosser, Henry G.; Johnson, David A.; Riedel, Jack; and Burleigh, Richard J., 4,507,616, Cl. 328-234.000.
- Board of Trustees, University of Illinois: *See—*
  - Brown, Theodore L.; and Nubel, Philip O., 4,544,789, Cl. 585-511.000.
- Boardman, Peter W., to Deere & Company. Burning table. 4,524,955, 6-25-85, Cl. 266-49.000.
- Boardman, Peter W., to Deere & Company. Scrap scroller for a shear discharge conveying system. 4,550,881, 11-5-85, Cl. 242-56.00R.
- Boart International Limited: *See—*
  - Holmberg, John M., 4,530,527, Cl. 285-382.400.
  - Pope, Noel C., 4,491,457, Cl. 51-308.000.
- Boateng, Daniel A. D.; Ball, Donald L.; and Swinkels, Godefridus M., to Cominco Ltd. Recovery of germanium from aqueous solutions. 4,525,332, 6-25-85, Cl. 423-89.000.
- Boatright, Donald E., to Green, Robert G. Separator. 4,536,177, 8-20-85, Cl. 494-44.000.
- Boatright, Edward. Isometric golf trainer device and method. 4,535,991, 8-20-85, Cl. 273-193.00A.
- Boaz, Premakaran T. Structure for a modular greenhouse and the like. 4,501,099, 2-26-85, Cl. 52-82.000.
- Bob Mann & Associates Incorporated: *See—*
  - Mann, Robert N., 4,496,823, Cl. 219-137.410.
- Boback, John A.: *See—*
  - Bartlett, Donald S.; Boback, John A.; and Powell, Thomas M., 4,556,361, Cl. 414-744.00A.
- Bobart, Kevin L.; Samson, Robert S.; and Shakib, Iraj D., to International Business Machines Corporation. Initializing apparatus for daisy wheel printer. 4,541,746, 9-17-85, Cl. 400-144.200.
- Bobb, Lloyd C., to United States of America, Navy. Fiber optic system for measuring electric fields. 4,524,322, 6-18-85, Cl. 324-72.000.
- Bobbitt, Donald E.: *See—*
  - Hoyt, Robert M.; Bobbitt, Donald E.; Bartee, Gary E.; Garton, Stanley C.; and Pilliard, J. Paul, 4,499,698, Cl. 52-157.000.
- Bobear, William J., to General Electric Company. Peroxide curing polysiloxane compositions having a high tear strength. 4,539,357, 9-3-85, Cl. 524-267.000.

Boberski, William G.: *See—*
Boberski, William G.; Greigger, Paul P.; Jones,
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Das, Suryya K.; Greigger, Paul P.; Boberski, William G.; Jones,
James E.; Schappert, Raymond F.; and Seiner, Jerome A.,
4,526,910, Cl. 523-220.000.
Ward, Thomas A.; Greer, Stanley T.; Boberski, William G.; and
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Bobik, Carl F.: *See—*
Huseby, Irvin C.; and Bobik, Carl F., 4,533,645, Cl. 501-96.000.
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Bobo, Donald E.: *See—*
Borsanyi, Alexander S.; and Bobo, Donald E., 4,493,706, Cl.
604-153.000.

Bobolts, Elroy, Jr.: *See—*
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direction of an AC powered DC motor in accordance with the
magnitude and polarity of a DC reference signal. 4,498,035, 2-5-85,
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Eschenko, Vladislav Y.; Musaev, Irsali K.; Talibdzhanov, Zakhidz-
han S.; Leonov, Viktor A.; Bobrov, Anatoly D.; Kirovsky, Efim
I.; Gritsenko, Vladimir A.; and Golovanov, Alexandr V.,
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Bobryshev, Oleg V.: *See—*
Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.;
Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.;
Osher, Mikhail I.; and Plyakin, Nikolai P., 4,549,760, Cl.
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Bobsein, Rex L.; and Johnson, Marvin M., to Phillips Petroleum Com-
pany. Hydrogenation catalyst. 4,560,817, 12-24-85, Cl. 585-273.000.

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Anastasio, Frank J.; and Byro, Thomas, 4,499,831, Cl. 101-152.000.
Beck, Heinrich, 4,506,842, Cl. 242-58.300.
Habluetzel, Hans, 4,502,384, Cl. 101-153.000.
Jeanneret, Yves; and Wenger, Jean-Louis, 4,506,782, Cl.
198-806.000.
Lucas, Raymond, 4,500,022, Cl. 225-97.000.
Luska, Zdenek, 4,552,165, Cl. 137-3.000.
Polic, Georg, 4,541,828, Cl. 493-468.000.
Preisig, Roland, 4,506,874, Cl. 271-35.000.
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against high-powered, low-frequency spurious pulses. 4,542,358,
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Bobylev, Leonid M.: *See—*
Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok,
Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valen-
tinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.;
Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl.
173-134.000.

Bobzin, Jeffery J.: *See—*
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BOC Group, Inc., The: *See—*
Banerjee, Ratan, 4,551,981, Cl. 62-70.000.
Corville, Richard E., 4,498,832, Cl. 414-217.000.
Gens, Theodore A., 4,550,098, Cl. 502-324.000.
Gruber, Arthur W.; and Smith, Loren C., 4,545,400, Cl.
137-467.000.
Hoenig, Richard, 4,527,558, Cl. 128-205.240.
Kurie, John R.; and Stanescu, Mircea S., 4,540,362, Cl. 432-65.000.
Miller, Elwood O., 4,535,812, Cl. 137-624.110.
Mukerjee, Ajit K.; Kearns, Patrick J.; and Rieman, Davis J.,
4,545,134, Cl. 34-27.000.
Stanescu, Mircea S.; and Crouch, E. Donald, Jr., 4,549,911, Cl.
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BOC Group plc, The: *See—*
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Bowes, Robert G., 4,543,060, Cl. 432-23.000.
Umeki, Masakazu, 4,494,966, Cl. 55-26.000.
Wycliffe, Henryk, 4,504,201, Cl. 418-3.000.

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tion engine with controlled ignition. 4,552,109, 11-12-85, Cl.
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Renault. Process for shutoff of fuel injection during the deceleration
phases of an internal combustion engine. 4,558,672, 12-17-85, Cl.
123-325.000.

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for motor vehicle bodies particularly for electrophoresis paint lines,
and a body carrier usable in this installation. 4,512,869, 4-23-85, Cl.
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switches and tracks. 4,516,503, 5-14-85, Cl. 104-3.000.

Bocchini, William R.: *See—*
De Graw, Kenneth J.; Bocchini, William R.; Wilcockson, Brian;
Bogossian, Armen; Ulh, Robert J.; Nause, Earl E.; and Ramirez,
Ernest R., 4,519,103, Cl. 4-317.000.

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Apparatus for bending and tempering of thermoplastic sheets of
different curvatures. 4,540,425, 9-10-85, Cl. 65-273.000.

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Apparatus for bending and tempering thermoplastic sheet material.
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bich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.;
Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.;
Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov,
Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gor-
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Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grish-
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Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

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system for heat exchanger. 4,556,102, 12-3-85, Cl. 165-95.000.

Bochman, Harry L., Jr., to Hi-Shear Corporation. Tool for supplying
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Bock, Edward C.: *See—*
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Dennis, John R., 4,537,499, Cl. 355-58.000.

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Joachim, to Schubert & Salzer AG. Yarn accumulator. 4,553,709,
11-19-85, Cl. 242-47.010.

Bock, Erich: *See—*
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Bock, Gustavus P.: *See—*
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Reinholdt, Bernd; and Bock, Hans-Christian, 4,492,134, Cl.
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Bock, Herbert: *See—*
Geissler, Klaus H.; and Bock, Herbert, 4,558,406, Cl. 363-126.000.

Bock, Jan; and Valint, Paul L., Jr., to Exxon Research & Engineering
Co. Viscosity enhancement of block polymer solutions with oil.
4,548,735, 10-22-85, Cl. 252-312.000.

Bock, Jan: *See—*
Schulz, Donald N.; Kowalik, Ralph M.; Bock, Jan; and Maurer,
John J., 4,546,784, Cl. 137-13.000.
Turner, S. Richard; Siano, Donald B.; and Bock, Jan, 4,520,182, Cl.
526-307.200.
Turner, S. Richard; Siano, Donald B.; and Bock, Jan, 4,521,580, Cl.
526-307.200.
Turner, S. Richard; Siano, Donald B.; and Bock, Jan, 4,528,348, Cl.
526-225.000.
Valint, Paul L., Jr.; and Bock, Jan, 4,492,785, Cl. 524-529.000.

Bock, Klaus: *See—*
Raasch, Hans; Grecksch, Hans; and Bock, Klaus, 4,496,110, Cl.
242-35.50A.

Bock, Mark G.; and Freidinger, Roger M., to Merck & Co., Inc. Substi-
tuted quinazolino-1,4-benzodiazepin-6,9-diones and their preparation.
4,554,272, 11-19-85, Cl. 514-219.000.

Bock, Mark G.; Freidinger, Roger M.; and Evans, Ben E., to Merck &
Co., Inc. Soluble quinazolino-1,4-benzodiazepin-5,13-dione deriva-
tives. 4,559,338, 12-17-85, Cl. 514-219.000.

Bock, Mark G.; Freidinger, Roger M.; and Evans, Ben E., to Merck &
Co., Inc. Indol-3-yl-quinazolino-1,4-benzodiazepin-5,13-diones.
4,559,339, 12-17-85, Cl. 514-219.000.

Bock, Mark G.: *See—*
Di Pardo, Robert M.; and Bock, Mark G., 4,535,164, Cl.
548-187.000.

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Weber, Randall W.; and Weber, Charles A., 4,519,677, Cl.
350-637.000.

Bock, Robert E., to WPM, Inc. Stream-controlling device for faucets.
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Bock, Rudolf. Hydraulic motor. 4,508,010, 4-2-85, Cl. 91-474.000.

Bock, Seigfried: *See—*
Bittner, Franz; Poortman, Boudewijn J.; Rademacher-Dubbick,
Kristian; Roskam, Abram K.; Stevens, Udo; Tromp, Wouter T.;
Beisler, Walter; Bock, Seigfried; and Bertsch, Hermann,
4,507,975, Cl. 73-861.120.

Bock, Sumner D. Air cooling system. 4,538,426, 9-3-85, Cl. 62-310.000.

Bock, Susan C.; and Lawn, Richard M., to Genentech, Inc. Human
antithrombin III. 4,517,294, 5-14-85, Cl. 435-70.000.

Bock, Thomas J., to Borg-Warner Corporation. Chain-belt. 4,553,953,
11-19-85, Cl. 474-201.000.

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Bernstein, Benjamin T.; Bock, Thomas J.; Toman, George M.; and
Bhatia, Chandrakant, 4,516,512, Cl. 112-165.000.

Bhatia, Chandrakant; Toman, George M.; and Bock, Thomas J., 4,513,674, Cl. 112-220.000.

Bockelmann, Wolfgang: *See—*
  - Meussdoerffer, Johann-Nikolaus; Niederprum, Hans; Nieder-Vahrenholz, Hans-Georg; and Bockelmann, Wolfgang, 4,500,350, Cl. 75-1.00R.

Bocker, Albert, to Albert Bocker GmbH & Co. KG. Telescopic beam. 4,491,196, 1-1-85, Cl. 187-10.000.

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Bocker, Albert, to Albert Bocker GmbH & Co. KG. Elevating apparatus. 4,550,806, 11-5-85, Cl. 187-10.000.

Bocker, Jurgen; Gersbach, Klaus; Bethmann, Karl W.; and Glotz, Gerhard, to Rheinmetall GmbH. Projectile arrangement for a weapon having a gun barrel. 4,524,697, 6-25-85, Cl. 102-517.000.

Bocker, Jurgen; Klein, Klaus W.; and Gersbach, Klaus, to Rheinmetall GmbH. Penetrator projectiles. 4,559,876, 12-24-85, Cl. 102-520.000.

Bocker, Jurgen: *See—*
  - Klein, Klaus-Walter; Bocker, Jurgen; Glotz, Gerhard; and Gersbach, Klaus, 4,516,502, Cl. 102-523.000.

Bockett-Pugh, Charles, to Schlumberger Electronics (U.K.) Limited. Methods and apparatus for assessing the quality of logic signals. 4,499,419, 2-12-85, Cl. 324-102.000.

Bockman, Ole K., to Flakt Aktiebolag. Process for the removal of impurities in reacted alumina. 4,525,181, 6-25-85, Cl. 55-71.000.

Bockman, Richard S.: *See—*
  - Warrell, Raymond P., Jr.; and Bockman, Richard S., 4,529,593, Cl. 424-127.000.

Bockmann, Jurgen: *See—*
  - Hojer, Anke; Bockmann, Jurgen; Hofmann, Harald; Mikuteit, Axel; Ritter, Hans-Joachim; and Tenhagen, Rolf, 4,548,325, Cl. 211-69.500.

Bockmann, Walter; Bruhne, Friedrich; and Lipper, Karl-August, to Bayer Aktiengesellschaft. Process for the preparation of terephthaloyl and isophthaloyl dichlorides. 4,528,146, 7-9-85, Cl. 260-544.00D.

Bockris, John O.; Szklarczyk, Marek; and Contractor, Aliasgar Q., to Texas A&M University. Photo-assisted electrolysis cell with p-silicon and n-silicon electrodes. 4,501,804, 2-26-85, Cl. 429-111.000.

Bockris, John O'M.; and Ottagawa, Takaaki, to Texas A&M University. Lanthanum nickelate perovskite-type oxide for the anodic oxygen evolution catalyst. 4,497,698, 2-5-85, Cl. 204-129.000.

Bockwinkel, Joe L.; and Pehl, Willis G., to Shakertown Corporation. Rabbeted shingle butt joint sidewall panel and shingle component. 4,499,701, 2-19-85, Cl. 52-555.000.

Bocquet, Jacques; and Werguin, Jean C., to Union Siderurgique du Nord et de l'Est de la France (USINOR). Cast cold rolling roll and its method of manufacture. 4,548,653, 10-22-85, Cl. 148-3.000.

Boczkiewicz, Bruce M., to Heil Company, The. Lift mechanism for a dump truck. 4,531,780, 7-30-85, Cl. 298-17.600.

Boda, James C., to Brunswick Corporation. Selectively disengageable, tiller actuated vane steering system. 4,496,326, 1-29-85, Cl. 440-62.000.

Boda, James C., to Brunswick Corporation. Adjustable control linkage. 4,499,780, 2-19-85, Cl. 74-107.000.

Bodary, Michael: *See—*
  - Gordon, Robert L.; Alba, Andrew J.; Bodary, Michael; and Mesquida-Feirman, Barbara, 4,498,585, Cl. 206-518.000.

Bodas, Janos; Bakay, Arpad; Papp, Istvan; Palfalvi, Gyorgy; and Kovacs, Gyula, to Energiagazdalkodasi Intezet. Helicoidally finned tubes. 4,538,677, 9-3-85, Cl. 165-146.000.

Boday, Otto ; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, to Villamosipari Kutato Intezel. Procedure and equipment for destroying waste by plasma technique. 4,509,434, 4-9-85, Cl. 110-238.000.

Bodden, Werner; and Diegelmann, Winfried, to Schunk & Ebe GmbH. Method of making surface-hardened sinter-iron part. 4,508,681, 4-2-85, Cl. 419-29.000.

Boddie, James R.; and Thompson, John S., to AT&T Bell Laboratories. Pipelined digital processor arranged for conditional operation. 4,539,635, 9-3-85, Cl. 364-200.000.

Bode, Albert; Chambers, Thomas V.; Hahnke, Manfred; and Kretzschmar, Wolfgang, to American Hoechst Corporation. Yellow disperse dyestuff mixtures and dyeing process. 4,548,613, 10-22-85, Cl. 8-638.000.

Bode, Gunter; Meier, Horst; and Engler, Manfred. Device for pressing down product in filled containers with open tops which can be moved continuously and with predetermined spacing. 4,559,763, 12-24-85, Cl. 53-527.000.

Bode, Robert H., to Cambridge Wire Cloth Company, The. Modular conveyor belting with cam-slotted links for maintaining transverse distribution of tension while negotiating horizontal curves and for facilitating cleaning. 4,557,374, 12-10-85, Cl. 198-852.000.

Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. Processes for preparing methyl substituted-2-oxohexane mixtures. 4,495,091, 1-22-85, Cl. 252-522.00R.

Boden, Richard M., to International Flavors & Fragrances Inc. Prins reaction products of diisoamylene, derivatives thereof, organoleptic uses thereof and processes for preparing same. 4,495,359, 1-22-85, Cl. 549-356.000.

Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., to International Flavors & Fragrances Inc. 1-Hydroxymethyl cyclopropanes organoleptic use of same. 4,500,448, 2-19-85, Cl. 252-522.00R.

Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. Methyl substituted-2-oxohexane derivatives and processes for preparing and using same. 4,503,259, 3-5-85, Cl. 568-382.000.

Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi, Chant, Patrick; and Dekker, Lambert, to International Flavors & Fragrances Inc. Organoleptic uses of hydrocarbyloxy alkanals. 4,510,080, 4-9-85, Cl. 252-522.00R.

Boden, Richard M., to International Flavors & Fragrances Inc. Branched chain saturated ketones, organoleptic uses thereof and process for preparing same. 4,513,757, 4-30-85, Cl. 131-276.000.

Boden, Richard M.; Tyszkiewicz, Theodore J.; Licciardello, Michael; Vock, Manfred H.; Vinals, Joaquin F.; Whalen, Patrick; and Hanna, Marie R., to International Flavors & Fragrances Inc. Process for preparing a methoxybenzaldehyde from the corresponding phenolic benzaldehyde. 4,515,987, 5-7-85, Cl. 568-433.000.

Boden, Richard M., to International Flavors & Fragrances Inc. 3,4,5,6,6-Pentamethyl hexanol-2 and alkyl homologues thereof; process for preparing same and organoleptic uses thereof. 4,517,990, 5-21-85, Cl. 131-276.000.

Boden, Richard M., to International Flavors & Fragrances Inc. 3,4,5,6,6-Pentamethyl hexanol-2 and alkyl homologues thereof; process for preparing same and organoleptic uses thereof. 4,517,991, 5-21-85, Cl. 131-276.000.

Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., to International Flavors & Fragrances Inc. 1-Hydroxymethyl-2-acyl cyclopropane derivatives and esters thereof. 4,528,142, 7-9-85, Cl. 260-463.000.

Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, to International Flavors & Fragrances Inc. Hydrocarbyloxy alkanal. 4,528,402, 7-9-85, Cl. 568-445.000.

Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. Methyl substituted-2-oxohexane derivatives and processes for preparing and using same. 4,532,361, 7-30-85, Cl. 568-382.000.

Boden, Richard M.; Temes, Steven D.; Tyszkiewicz, Theodore J.; and Hanna, Marie R., to International Flavors & Fragrances Inc. Branched C_{13}-alk-1-en-5-ones and use thereof in perfumery. 4,534,891, 8-13-85, Cl. 252-522.00R.

Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., to International Flavors & Fragrances Inc. 1-Hydroxymethyl-2-acyl cyclopropane derivatives and esters and cyclic condensation products thereof, organoleptic uses of same and processes for preparing same. 4,536,330, 8-20-85, Cl. 252-522.00R.

Boden, Richard M.; and Grim, Claude, to International Flavors & Fragrances Inc. Norbornyl pyridine derivatives, organoleptic uses of same, and the processes for preparing same. 4,539,143, 9-3-85, Cl. 252-522.00R.

Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., to International Flavors & Fragrances Inc. Organoleptic uses of esters of 1-hydroxymethyl-2-acyl cylopropane. 4,554,095, 11-19-85, Cl. 252-522.00R.

Boden, Richard M., to International Flavors & Fragrances Inc. Prins reaction products of diisoamylene, derivatives thereof, organoleptic uses thereof and processes for preparing same. 4,560,776, 12-24-85, Cl. 549-356.000.

Boden, Richard M.: *See—*
  - Belko, Robert P.; Boden, Richard M.; and Hanna, Marie R., 4,543,192, Cl. 252-8.600.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,491,537, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; Schreiber, William L.; Whelan, Patrick; and Hanna, Marie R., 4,519,943, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,521,634, Cl. 568-665.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,532,364, Cl. 568-444.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,539,142, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,540,812, Cl. 560-256.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,544,775, Cl. 568-675.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,554,384, Cl. 568-445.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,554,385, Cl. 568-496.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,556,746, Cl. 568-648.000.
  - Licciardello, Michael; and Boden, Richard M., 4,543,203, Cl. 252-522.00R.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,506,104, Cl. 568-820.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,510,340, Cl. 568-884.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,533,491, Cl. 252-522.00R.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,549,971, Cl. 252-8.600.
  - Sprecker, Mark A.; Wiegers, Wilhelmus J.; Belko, Robert P.; and Boden, Richard M., 4,534,890, Cl. 252-522.00R.
  - Sprecker, Mark A.; Wiegers, Wilhelmus J.; Belko, Robert P.; and Boden, Richard M., 4,537,704, Cl. 252-522.00R.

- Sprecker, Mark A.; Schreiber, William L.; Fujioka, Futoshi; Boden, Richard M.; Vock, Manfred H.; Whelan, Patrick; and Hanna, Marie R., 4,541,949, Cl. 252-522.00R.
- Wiegers, Wilhelmus J.; Fenn, Ronald S.; Boden, Richard M.; and Schreiber, William L., 4,524,783, Cl. 131-276.000.

Bodendorf, Warren J., to Texon Incorporated. Battery separator material. 4,529,677, 7-16-85, Cl. 429-252.000

Bodenheimer, Joseph S.; and Eisenberg, Naphtali, to Luz International Ltd. Solar sensing arrangement for use in a uniaxis solar collector tracking system. 4,516,018, 5-7-85, Cl. 250-203.00R.

Bodenmann, Eugen: *See—*
- Burge, Theodor; and Bodenmann, Eugen, 4,507,154, Cl. 106-315.000.

Bodenseewerk Geosystem GmbH: *See—*
- Scheurenbrand, Hans, 4,497,206, Cl. 73-382.00R.

Bodenseewerk Geratetechnik GmbH: *See—*
- Seeger, G. Hans J.; Giesenberg, Peter; and Steimel, Johannes, 4,519,291, Cl. 89-1.806.
- Vachek, Josef, 4,507,971, Cl. 73-707.000.

Bodenseewerk Perkin-Elmer & Co., GmbH: *See—*
- Braun, Klaus, 4,533,246, Cl. 356-317.000.
- Chlosta, Wolfgang; and Riegger, Wolfgang, 4,554,436, Cl. 219-385.000.
- Chlosta, Wolfgang; and Riegger, Wolfgang, 4,558,603, Cl. 73-864.210.
- Huber, Bernhard; Tamm, Rolf G. A.; Tomoff, Toma; and Gonner, Winfried, 4,548,497, Cl. 356-312.000.
- Kunze, Wolfgang; and Schweckendieck, Bernd, 4,506,547, Cl. 73-150.00R.
- Tamm, Rolf G. A.; and Tomoff, Toma, 4,534,646, Cl. 356-312.000.

Bodenstein, Johannes J.; and Farrell, Leslie J., to Johannesburg Consolidated Investment Company Limited. Magnesium production. 4,543,122, 9-24-85, Cl. 75-0.50B.

Bodet, Jean A.: *See—*
- Chazal, Guy A.; and Bodet, Jean A., 4,533,065, Cl. 220-462.000.
- Chazal, Guy A.; and Bodet, Jean A., 4,555,381, Cl. 264-516.000.

Bodette, James E.: *See—*
- Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.

Bodewig, Peter W., to UTP Schweissmaterial GmbH & Co. Method and apparatus for metal arc welding with constant currents. 4,497,997, 2-5-85, Cl. 219-137.0PS.

Bodge, Kevin R.; and Dean, Robert G., to University of Delaware. Water wave monitor. 4,499,762, 2-19-85, Cl. 73-170.00A.

Bodi, Imre: *See—*
- Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

Bodi, Tibor: *See—*
- Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.

Bodicky, Raymond O., to Sherwood Medical Company. Catheter placement device. 4,540,411, 9-10-85, Cl. 604-169.000.

Bodig, Bernd; Hohne, Gerd; and Schmied, Helmut, to Robert Bosch GmbH. Monitoring circuit for resetting malfunctioning electronic components, such as microprocessors. 4,512,019, 4-16-85, Cl. 371-12.000.

Bodig, Bernd; Kull, Hermann; and Schleupen, Richard, to Robert Bosch GmbH. Speed-dependent signal generator. 4,532,437, 7-30-85, Cl. 307-358.000.

Bodine, Albert G. Method for forming a cement annulus for a well. 4,512,401, 4-23-85, Cl. 166-249.000.

Bodine, Albert G.; and Gregory, James N. Method and apparatus for damping vibrations in drill collar strings. 4,522,271, 6-11-85, Cl. 175-56.000.

Bodine, Albert G. Cycloidal drill bit. 4,527,637, 7-9-85, Cl. 175-55.000.

Bodine, Albert G. Sonic apparatus for augmenting fluid flow from fluid-bearing strata employing sonic fracturing of such strata. 4,544,031, 10-1-85, Cl. 166-177.000.

Bodine, Albert G. Apparatus and method for installing well casings in the ground employing resonant sonic energy in conjunction with hydraulic pulsating jet action. 4,548,281, 10-22-85, Cl. 175-55.000.

Bodine, Albert G. Modification of diesel engine precombustion chamber to attenuate detonation and improve combustion. 4,559,911, 12-24-85, Cl. 123-271.000.

Bodine Electric Company: *See—*
- Marhoefer, Michael, 4,540,928, Cl. 318-696.000.

Bodine, Fred R.: *See—*
- Kuperman, Gilbert G.; and Bodine, Fred R., 4,510,525, Cl. 358-88.000.

Bodmer, Jerome R.; and Miller, Robert E., to Appleton Papers Inc. Record member. 4,540,998, 9-10-85, Cl. 346-212.000.

Bodnar, Michael L.: *See—*
- Gagnon, Richard; Orszulak, Stanley; Pawloski, Louis; and Bodnar, Michael L., 4,529,071, Cl. 192-43.100.

Bodnar, Ronald J. Engine air cut-off valve. 4,546,954, 10-15-85, Cl. 251-88.000.

Bodolus, Christopher L.; and Woodhead, David A., to Standard Oil Company, The. Process for the preparation of novel rubber-modified thermoplastic resin compositions using multiple feed streams. 4,542,189, 9-17-85, Cl. 525-285.000.

Bodor, Nicholas S., to Key Pharmaceuticals, Inc. 4,5αEpoxymorphinan-6-spiro-2′-(4′-carboxy,1′,3′-thiazolidine)derivatives. 4,496,570, 1-29-85, Cl. 514-282.000.

Bodor, Nicholas S., to University of Florida. Brain-specific drug delivery. 4,540,564, 9-10-85, Cl. 424-9.000.

Bodros, Christian Y.; Le Besco, Joel V.; and Sichez, Yves R. High bit-rate coupler between a PCM channel multiplex and a packet switching unit. 4,542,498, 9-17-85, Cl. 370-60.000.

Bodu, Michel: *See—*
- Bichara, Michel; Koensgen, Jean-Pierre; Bodu, Michel; Meriaux, Michel; and Zimmermann, Jean-Pierre, 4,504,092, Cl. 299-5.000.
- Bichara, Michel; Wendling, Emile; and Bodu, Michel, 4,533,536, Cl. 423-551.000.

Bodysonic Kabushiki Kaisha: *See—*
- Komatsu, Akira, 4,506,379, Cl. 381-46.000.
- Yamada, Kyota; and Komatsu, Akira, 4,495,638, Cl. 381-27.000.

Bodziak, Thomas A., to American Standard Inc. Railroad car wheel detector using hall effect element. 4,524,932, 6-25-85, Cl. 246-247.000.

Boe, Einar: *See—*
- Gronnerud, Rolf; and Boe, Einar, 4,493,368, Cl. 165-159.000.

Boe, Gunnar H.: *See—*
- Andersen, Einar; and Boe, Gunnar H., 4,552,632, Cl. 204-107.000.

Boe, Jan; Haugland, Tor-Arvid; Selvaer, Ole-Kristian; and Kleiven, Atle, to Geophysical Company of Norway A/S. Float arrangement. 4,552,086, 11-12-85, Cl. 114-242.000.

Boebel, Manfred, to Richard Wolf GmbH. Hysteroscopes. 4,503,843, 3-12-85, Cl. 128-4.000.

Boebel, Manfred; Baier, Manfred; and Buess, Gerhard, to Richard Wolf GmbH. Rectoscope. 4,538,594, 9-3-85, Cl. 128-6.000.

Boeck, Alexander: *See—*
- Puchta, Rolf; Nusslein, Hans; Boeck, Alexander; and Streschnak, Benno, 4,526,694, Cl. 252-8.800.

Boeck, LaVerne D.; Clem, Gladys M.; Hershberger, Charles L.; Anderson, Marie T.; and Michel, Karl H., to Eli Lilly and Company. Glycopeptide antibiotic CUC/CSV and process for its production. 4,537,715, 8-27-85, Cl. 260-112.50R.

Boeck, LaVerne D.; Marconi, Gary G.; and Hoehn, Marvin M., to Eli Lilly and Company. Process for production of A-51568B antibiotic. 4,558,008, 12-10-85, Cl. 435-75.000.

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Boeck, LaVerne D.: *See—*
- Johnson, Ronald D.; Kastner, Ralph E.; and Boeck, LaVerne D., 4,560,509, Cl. 260-239.30P.

Boeckel, John W., to Du Pont de Nemours, E. I., and Company. Adjustable photosensor mounting arrangement for a centrifuge. 4,507,110, 3-26-85, Cl. 494-10.000.

Boecker, Wolfgang D. G.; and Hailey, Laurence N., to Kennecott Corporation. Sintered silicon carbide/graphite/carbon composite ceramic body having ultrafine grain microstructure. 4,525,461, 6-25-85, Cl. 501-90.000.

Boeckman, Eduard F. B., to GTE Business Communication Systems Inc. Amplifier for use with telephone transmitter mounted in hand held telephone unit. 4,491,689, 1-1-85, Cl. 179-81.00B.

Boeckman, Paul A.; and Young, Dennis L., to Dover Corporation. High pressure cam seal valve. 4,519,578, 5-28-85, Cl. 251-163.000.

Boeckmann, Eduard F. B., to GTE Communication Systems Corporation. Hookswitch bounce resistant telephone hold-mute circuit. 4,517,414, 5-14-85, Cl. 179-81.00R.

Boeckmann, Eduard F. B., to GTE Communication Systems Corporation. Two terminal microphone active load gain regulation circuit. 4,518,829, 5-21-85, Cl. 179-81.00B.

Boeckmann, Eduard F. B., to GTE Business Communication Systems Inc. High gain cascode amplifier with negative feedback. 4,523,057, 6-11-85, Cl. 179-81.00B.

Boeckmann, Eduard F. B., to GTE Business Communication Systems Inc. Subscribers telephone hold circuit with automatic disconnect. 4,529,843, 7-16-85, Cl. 179-81.00R.

Boeckmann, Eduard F. B., to GTE Communication Systems Corporation. Optical coupling interface circuit for telephone line ringing signal indication or detection. 4,529,845, 7-16-85, Cl. 179-84.00L.

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  - Lund, Wesley C., 4,507,026, Cl. 408-72.00B.
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  - Ackermann, Albert B.; Jones, Donald K.; and Holey, Timothy M., 4,512,539, Cl. 244-137.00P.
  - Adams, Clarence R., 4,497,139, Cl. 51-95.0LH.
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  - Adams, Mark J., 4,495,672, Cl. 16-229.000.
  - Adams, Ronald, 4,557,440, Cl. 244-129.400.
  - Andrews, Dana G., 4,504,031, Cl. 244-113.000.
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  - Anglin, Jeanne M.; Edwards, Richard R.; and Thomas, John E., 4,542,056, Cl. 428-116.000.
  - Aspinall, Eric L., 4,557,441, Cl. 244-129.400.
  - Babcock, Daniel L., 4,550,287, Cl. 324-73.00R.
  - Baker, Irwin G., 4,521,707, Cl. 310-80.000.
  - Baker, Michael E.; and Baker, Thomas M., 4,533,096, Cl. 244-75.00R.
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  - Baskin, Joseph M.; Miller, Gary E.; and Wiesner, Wayne, 4,557,666, Cl. 416-32.000.
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  - Berlin, J. Burton, 4,496,121, Cl. 244-75.00A.
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  - Campbell, Dennis R., 4,497,461, Cl. 244-75.00R.
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  - Carpenter, Paul E.; Fisher, Charles B.; and Peash, Douglas E., 4,520,424, Cl. 361-383.000.
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  - Cole, James B., 4,553,722, Cl. 244-219.000.
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  - Eggebrecht, John L.; Rogers, Harold D.; and Yorozu, Arthur S., 4,517,813, Cl. 62-284.000.

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- Erdmann, Joachim C.; and Gellert, Robert I., 4,492,465, Cl. 356-152.000.
- Fenner, James A., 4,518,179, Cl. 292-166.000.
- Ferrell, Philip J.; Stern, Alan D.; and McFarland, Melvin D., 4,517,639, Cl. 364-186.000.
- Ferrieri, John, 4,557,513, Cl. 294-1.100.
- Flaig, Terrance L.; and Peterson, Gavrik, 4,528,486, Cl. 318-254.000.
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- Frank, Ed, 4,532,949, Cl. 137-1.000.
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- Glancy, Jerry L., 4,531,769, Cl. 292-113.000.
- Goldstein, Sidney E., 4,538,779, Cl. 244-87.000.
- Gorges, Friedrich J., 4,530,443, Cl. 220-327.000.
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- Greiert, Alfred H., 4,541,673, Cl. 308-3.00R.
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- Hamatani, Tomio, 4,497,462, Cl. 244-129.500.
- Hanger, Randolph T., 4,493,170, Cl. 51-330.000.
- Harris, Alfred W., 4,524,485, Cl. 16-364.000.
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- Hodge, John G., 4,557,401, Cl. 222-211.000.
- Hsu, Grace F.; and Colonel, Richard C., 4,529,487, Cl. 204-37.100.
- Hugh, Steven C., 4,517,252, Cl. 428-553.000.
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- Jung, Charles H.; and Jung, Charles G., 4,502,905, Cl. 156-184.000.
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- Kilner, Jerome R.; Raymond, Eugene T.; and Warren, Steven M., 4,493,509, Cl. 303-13.000.
- Klees, Garry W.; and Wright, Charles P., 4,501,393, Cl. 239-265.130.
- Kline, William T.; and Mittelstadt, Robert F., 4,548,859, Cl. 428-251.000.
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- McArdle, Francis H., 4,534,704, Cl. 416-158.000.
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- Mickelsen, Reid A.; and Chen, Wen S., 4,523,051, Cl. 136-260.000.
- Miller, Dale D.; and Polky, John N., 4,537,502, Cl. 356-5.000.
- Miller, Glen E., 4,521,683, Cl. 250-221.000.
- Moji, Yukimori, 4,504,325, Cl. 148-6.200.
- Norsworthy, Keith, 4,559,605, Cl. 364-726.000.
- Norsworthy, Keith H., 4,539,565, Cl. 343-14.000.
- Phillips, Michael J., 4,515,051, Cl. 83-146.000.
- Pinson, George T., 4,498,032, Cl. 318-37.000.
- Pinson, George T., 4,503,751, Cl. 91-36.000.
- Pinson, George T., 4,509,006, Cl. 322-4.000.
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- Pinson, George T., 4,531,699, Cl. 248-550.000.
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- Purves, Robert B., 4,553,092, Cl. 324-106.000.
- Reinhold, Ralph R., 4,538,880, Cl. 350-6.600.
- Ritter, James D., 4,496,412, Cl. 156-157.000.
- Robinson, Curtiss W., 4,544,118, Cl. 244-225.000.
- Roe, Richard D., 4,538,780, Cl. 244-123.000.
- Schaffer, James R., Jr., 4,524,406, Cl. 362-32.000.
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- Smithberg, Dudley G., 4,551,918, Cl. 30-347.000.
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- Welch, Alfred F., 4,501,380, Cl. 221-298.000.
- Williams, John W., 4,499,843, Cl. 114-280.000.
- Young, Fred D., 4,558,598, Cl. 73-644.000.

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Bohringer, Wilfried: *See*—

Eheim, Franz; and Bohringer, Wilfried, 4,491,111, Cl. 123-449.000.

Boichu, Claude P.; and Yeou, Victor, to Poclain. Earth-moving machine with boom, dipperstick and bucket, equipped with means for directionally-adjusting the bucket. 4,512,708, 4-23-85, Cl. 414-694.000.

Boichut, Philippe; and Jeunet, Guy, to Allied Corporation. Push-pull type connecting device. 4,533,194, 8-6-85, Cl. 339-91.00R.

Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, to AGFA-Gevaert, A.G. Process for the exposure and development of photo-graphic images and an apparatus for carrying out the process. 4,508,809, 4-2-85, Cl. 430-237.000.

Boie, Immo; and Kovacic, Guido, to AGFA-Gevaert, A.G. Process and an apparatus for the development of photographic two-sheet diffusion materials. 4,532,201, 7-30-85, Cl. 430-202.000.

Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, to AGFA-Gevaert, A.G. Apparatus for the exposure and development of photographic images. 4,537,486, 8-27-85, Cl. 354-317.000.

Boie, Robert A.; and Miller, Gabriel L., to AT&T Bell Laboratories. Conformable tactile sensor. 4,526,043, 7-2-85, Cl. 73-862.040.

Boig, Robert W.: *See*—

Milton, James W.; and Boig, Robert W., 4,518,097, Cl. 220-307.000.

Boigegrain, Robert; Maffrand, Jean-Pierre; Suzuki, Norio; Matsubayachi, Kynichi; and Ashida, Shinichiro, to Sanofi. Preparation of 5,6,7,7a-tetrahydro-4H-thieno[3,2-c]pyridin-2-one compounds. 4,515,951, 5-7-85, Cl. 546-114.000.

Boij, Karl O. A. Apparatus for burning spirit or the like liquid fuel. 4,544,348, 10-1-85, Cl. 431-146.000.

Boik, Elmer, to Continental White Cap, Inc. Snap-on cap with tethering strap. 4,557,393, 12-10-85, Cl. 215-253.000.

Boik, Elmer J.; and Marshall, Frederick P., to Continental Group, Inc., The. Closure having means for retention in tubular container. 4,504,009, 3-12-85, Cl. 229-5.500.

Boik, Elmer J., to Continental White Cap, Inc. Tamper indicating band for use in low rise cam-off application. 4,560,076, 12-24-85, Cl. 215-252.000.

Boiko, Alexandr V.: *See*—

Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., 4,531,934, Cl. 604-22.000.

Boilard, Raynald, to Fernand Flamand Ltee. Door frame assembly. 4,509,294, 4-9-85, Cl. 49-504.000.

Boillot, Jean-Paul; Begin, Ghislain; Alexandrov, N.; Fihey, Jean-Luc; Di Vincenzo, A.; and Villemure, Denis, to Canadian Patents & Development Limited. Real time control system and process for controlling predetermined operating characteristics of a welding mechanism. 4,532,404, 7-30-85, Cl. 219-124.340.

Boillot, Jean-Paul: *See*—

Simoneau, Raynald; Pelletier, Jean-Marc; Di Vincenzo, Antonio; and Boillot, Jean-Paul, 4,514,615, Cl. 219-132.000.

Boinot, Jean C.: *See*—

Lacour, Bernard; Euvrard, Hubert; Gaillard, Roger; and Boinot, Jean C., 4,493,646, Cl. 433-133.000.

Boiocchi, Maurizio: *See*—

Tavazza, Giuseppe; and Boiocchi, Maurizio, 4,502,521, Cl. 152-381.400.

Boire, Daniel C.: *See*—

Freitag, Ronald G.; Degenford, James E.; and Boire, Daniel C., 4,547,745, Cl. 330-286.000.

Boiron, Christian: *See*—

Boiron, Jean; Boiron, Christian; Abecassis, Jacky; and Favier, Andre-Marcel, 4,537,512, Cl. 366-132.000.

Boiron, Jean; Boiron, Christian; Abecassis, Jacky; and Favier, Andre-Marcel, to Laboratoires Boiron. Method and apparatus for Korsakovian dilution. 4,537,512, 8-27-85, Cl. 366-132.000.

Boisbluche, Arsene G., to Sambuchi-Boisbluche et Cie. Isothermic wall with three dimensional framework and process of constructing same. 4,530,191, 7-23-85, Cl. 52-309.700.

Boise Cascade Corporation: *See*—

Ford, James A.; Staack, Gerald F.; and Waite, Phillip, 4,557,414, Cl. 229-5.500.

Knutsen, Daniel P., 4,492,044, Cl. 34-114.000.

Novatny, Donald F., 4,545,482, Cl. 206-320.000.

Boisot, Yves: *See*—

Malbec, Yves; Boisot, Yves; Bontemps, Daniel; and Duhamel, Georges, 4,500,760, Cl. 200-83.00C.

Boissel, Pierre; and Tong, Mathias, to Cameca. Electronic optical apparatus comprising pyrolytic graphite elements. 4,508,967, 4-2-85, Cl. 250-396.00R.

Boissevain, Mathew, to Measurex Corporation. System for distributing steam on a paper web. 4,543,737, 10-1-85, Cl. 34-92.000.

Boissevain, Mathew G., to Measurex Corporation. Method of modifying a paper machine headbox slice rod assembly. 4,505,779, 3-19-85, Cl. 162-199.000.

Boissinot, Jean-Guy; and Begin, Pierre. Scrubber apparatus for purifying foul air produced during an embalming, an autopsy or the like. 4,553,992, 11-19-85, Cl. 55-279.000.

Boissonnet, Francisque: *See*—

Barthez, Roland; Boissonnet, Francisque; and Bogo, Rene, 4,531,510, Cl. 126-419.000.

Boiston, David A.: *See*—

Smith, John; and Boiston, David A., 4,515,210, Cl. 165-133.000.

Boisvert, J. Roger; Schultz, Samuel; and Blaugrund, Robert. Fly trap with disposable collector. 4,501,088, 2-26-85, Cl. 43-118.000.

Boisvert, Richard L.: *See*—

Masse, Lionel; and Boisvert, Richard L., 4,524,904, Cl. 232-7.000.

Boitiaux, Jean-Paul; and Oosyns, Jean, to Ste Francaise des Produits pour Catalyse chez Institut Francais du Petrole. Supported palladium-gold catalyst, its manufacture and use in reactions for the selective hydrogenation of diolefinic and/or acetylenic hydrocarbons. 4,533,779, 8-6-85, Cl. 585-259.000.

Boitiaux, Jean-Paul: *See*—

Cosyns, Jean; and Boitiaux, Jean-Paul, 4,547,600, Cl. 585-259.000.

Boitz, Gary L.; and Tulk, Thomas C., to Atlantic Richfield Company. Shaft alignment apparatus and method. 4,502,233, 3-5-85, Cl. 33-181.0AT.

Boivie, Richard H., to AT&T Bell Laboratories. Character recognition arrangement. 4,525,860, 6-25-85, Cl. 382-21.000.

Boivin, Wallace E., Jr.: *See*—

Kranich, Neil J., II; and Boivin, Wallace E., Jr., 4,533,797, Cl. 200-11.0TC.

Bojarski, Suzette M.: *See*—

Coughlan, Raymond T.; and Bojarski, Suzette M., 4,533,600, Cl. 428-414.000.

Bojkov, Dimiter K.: *See*—

Lyutzkanov, Stoyan S.; and Bojkov, Dimiter K., 4,555,995, Cl. 110-335.000.

Bok, Edward. Method for deposition of fluid and gaseous media on substrates for their transport. 4,495,024, 1-22-85, Cl. 156-646.000.

Bok, Edward. Apparatus for deposition of fluid and gaseous media on substrates. 4,521,268, 6-4-85, Cl. 156-345.000.

Bok, Edward. Method for applying a coating on a substrate. 4,560,590, 12-24-85, Cl. 427-294.000.

Bokalot, Jean, to Societe Nationale Industrielle et Aerospatiale. Safety device for opening an outwardly opening aircraft door in the event of excess pressure inside this aircraft and door equipped therewith. 4,552,326, 11-12-85, Cl. 244-129.500.

Boke-Kuhn, Karin: *See*—

Schneider, Claus; Walther, Gerhard; Weber, Karl-Heinz; Bechtel, Wolf D.; and Boke-Kuhn, Karin, 4,550,106, Cl. 514-212.000.

Bokil, Delip R.; and Morong, William H., III, to Analog Devices, Incorporated. Method of manufacture of miniaturized transformer. 4,547,961, 10-22-85, Cl. 29-602.00R.

Bokum, Robert: *See*—

Alexander, Roy; and Bokum, Robert, 4,533,277, Cl. 403-408.100.

Bolam, Charles W.: *See*—

Conley, Richard W.; Tremblay, Richard P.; Bolam, Charles W.; Logan, James E.; and Krueger, David A., 4,511,120, Cl. 251-288.000.

Boland, Aloysius T. M.: *See*—

Span, Francis J.; Boland, Aloysius T. M.; and van Laarhoven, Albertus J. A. J., 4,511,275, Cl. 403-33.000.

Boland, James F.; and Koenig, John F., to United States of America, Energy. Control system for fluid heated steam generator. 4,526,136, 7-2-85, Cl. 122-451.100.

Boland, Richard C., to Standard Oil Company, The. Double layer energy storage device. 4,542,444, 9-17-85, Cl. 361-433.000.

Bolch, Thomas: *See*—

Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, 4,495,232, Cl. 428-41.000.

Boldhaus, Hans-Michael: *See*—

Bliefert, Claus; Boldhaus, Hans-Michael; and Hoffmann, Manfred, 4,536,266, Cl. 204-159.180.

Boldt Industries, Inc.: *See*—

Amersfoort, Andre G., 4,536,920, Cl. 17-46.000.

Boldt, Melvin H.; and Schwartz, James W., to Zenith Electronics Corporation. Ultra-compact projection television receiver. 4,491,872, 1-1-85, Cl. 358-237.000.

Bolduc, Lee R., to BioNexus, Inc. Material dispensing apparatus. 4,547,188, 10-15-85, Cl. 604-55.000.

Bolduc, Richard M.; and Lagarde, Paul R., to Bolduc, Richard M. Aerodynamic illuminated sign. 4,557,517, 12-10-85, Cl. 296-1.00S.

Bole, Karoly: *See—*
Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, 4,547,098, Cl. 405-291.000.

Bolenbaugh, Daniel L.; and Smith, Roger L., to Allied Corporation. Disc brake assembly and dust shield means therefore. 4,540,069, 9-10-85, Cl. 188-218.00A.

Bolenbaugh, Daniel L.; Wegh, John R.; and Smith, Roger L., to Allied Corporation. Disc brake assembly spring. 4,560,039, 12-24-85, Cl. 188-73.450.

Bolens Corporation: *See—*
Edwards, Merle L.; Meyer, Wayne A.; and Snook, James M., 4,522,019, Cl. 56-202.000.
Merkel, Eugene C., 4,532,756, Cl. 56-202.000.

Bolenz, Klaus; and Liedl, Franz, to Robert Bosch GmbH. Starter for an internal combustion engine. 4,506,162, 3-19-85, Cl. 290-38.00A.

Boler, Harry: *See—*
Sawyer, Larry W.; and Boler, Harry, 4,529,985, Cl. 343-7.700.

Boler Investments, Inc.: *See—*
Jable, Roger D.; and Settle, Alva R., 4,502,707, Cl. 280-682.000.

Boles, John A.: *See—*
Eastman, Jay M.; and Boles, John A., 4,560,862, Cl. 235-467.000.

Boles, Sol, to Grumman Aerospace Corporation. Range/azimuth ship imaging for ordnance control. 4,546,354, 10-8-85, Cl. 343-17.000.

Boles, Sol, to Grumman Aerospace Corporation. Range/azimuth/elevation ship imaging for ordnance control. 4,546,355, 10-8-85, Cl. 343-17.000.

Boles, Sol; and Smrek, Walter J., to Grumman Aerospace Corporation. Moving target ordnance control. 4,549,184, 10-22-85, Cl. 343-11.00R.

Boley, Robert E. Automatic liquid shut-off valve. 4,535,799, 8-20-85, Cl. 137-174.000.

Boley, Robert E. Horizontal gas and liquid separator. 4,539,023, 9-3-85, Cl. 55-174.000.

Bolger, Bernard J.: *See—*
Conway, Paul; Melody, David P.; Woods, John; Casey, J. Eisirt; Bolger, Bernard J.; and Martin, Francis R., 4,533,446, Cl. 204-159.240.

Bolger, Thomas V., to RCA Corporation. FIR Chrominance bandpass sampled data filter with internal decimation. 4,500,912, 2-19-85, Cl. 358-31.000.

Bolger, Thomas V., to RCA Corporation. Television receiver having picture magnifying apparatus. 4,528,585, 7-9-85, Cl. 358-22.000.

Bolger, Thomas V., to RCA Corporation. Digital signal peaking apparatus with controllable peaking level. 4,538,178, 8-27-85, Cl. 358-166.000.

Bolger, Thomas V., to RCA Corporation. Digital signal phase measuring apparatus as for a phase-locked loop. 4,543,600, 9-24-85, Cl. 358-13.000.

Bolger, Thomas V.; and Libbey, Robert L., to RCA Corporation. Digital video signal processing system using asynchronous a-to-d encoding. 4,558,348, 12-10-85, Cl. 358-13.000.

Bolger, Thomas V., to RCA Corporation. Analog-to-digital conversion apparatus including a circuit to substitute calculated values when the dynamic range of the converter is exceeded. 4,562,456, 12-31-85, Cl. 358-13.000.

Bolger, Thomas V.: *See—*
Chin, Danny; Batterman, Eric P.; and Bolger, Thomas V., 4,523,221, Cl. 358-21.00R.

Bolgert, Edwin F., to Kohler Co. Wall mountable vacuum breaker. 4,508,137, 4-2-85, Cl. 137-218.000.

Bolhuis, Pieter J., to U.S. Philips Corporation. Step-wise dimmer control circuit for a discharge lamp. 4,520,295, 5-28-85, Cl. 315-291.000.

Bolick, Fred C., Jr.; and Plunkett, Luther C., Jr., to Lanier Business Products, Inc. Telephone answering machine with apparatus for selecting particular outgoing message in response to incoming call on a particular line. 4,515,995, 5-7-85, Cl. 179-6.130.

Bolick, Fred C., Jr., to Lanier Business Products, Inc. Dictation recording and transcribing system utilizing a multiple media cartridge apparatus. 4,519,009, 5-21-85, Cl. 360-92.000.

Bolick, Martha E., to Kimberly-Clark Corporation. Incontinent pad. 4,522,624, 6-11-85, Cl. 604-385.00R.

Boliden Aktiebolag: *See—*
Back, Erik G.; and Lundin, Bjorn-Eric, 4,512,803, Cl. 75-77.000.
Berglund, Hans A. L., 4,556,525, Cl. 264-8.000.
Berglund, Lennart H. A., 4,560,540, Cl. 423-116.000.
Bjorling, Karl G. E.; and Lindkvist, Goran, 4,529,444, Cl. 75-63.000.
Gadd, Rolf K.; and Sund-Hagelberg, Anna C., 4,503,017, Cl. 423-87.000.
Kullenberg, Eric N. F.; Lindahl, Gertrud M.; and Persson, Lars E. H., 4,559,220, Cl. 423-556.000.
Lagerstrom, Gosta B.; and Berglund, Lennart H. A., 4,557,918, Cl. 423-335.000.
Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., 4,508,565, Cl. 75-77.000.
Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., 4,512,798, Cl. 75-3.000.
Lindahl, Gertrud M., 4,536,384, Cl. 423-556.000.
Lindquist, Bjorn K. V.; and Petersson, Stig A., 4,515,631, Cl. 75-73.000.
Litzen, Karl-Axel, 4,544,095, Cl. 239-8.000.
Ludvigsson, Bjorn M., 4,555,942, Cl. 73-433.000.
Nilsson, Bruno Y., 4,492,924, Cl. 324-330.000.
Petersson, Stig A., 4,514,217, Cl. 75-10.00R.
Petersson, Stig A.; and Waara, Ulf C., 4,520,003, Cl. 423-533.000.

Bolieau, Christopher W., to Thiokol Corporation. Aft end igniter for full, head-end web solid propellant rocket motors. 4,503,773, 3-12-85, Cl. 102-202.000.

Bolieau, Christopher W.: *See—*
Johnson, Dell A.; and Bolieau, Christopher W., 4,495,763, Cl. 60-242.000.

Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., to Westinghouse Electric Corp. Modularly constructed gas-insulated transmission line, and method of assembling same. 4,550,219, 10-29-85, Cl. 174-21.00C.

Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., to Westinghouse Electric Corp. Insulating spacer design for a modular gas-insulated transmission line. 4,556,755, 12-3-85, Cl. 174-21.00C.

Boling, Goran: *See—*
Gripenholt, Ninneh; Berggren, Benny; and Boling, Goran, 4,536,242, Cl. 156-96.000.

Boling, Norman L.: *See—*
Mayer, Thomas; Temple, Michael D.; Boling, Norman L.; and Rancourt, James D., 4,492,718, Cl. 427-160.000.
Mayer, Thomas; Boling, Norman L.; and Rancourt, James D., 4,522,846, Cl. 427-54.100.

Bolingen, Johann: *See—*
Kronschnabel, Hartmut; Goerings, Wilhelm; Bolingen, Johann; and Kleine-Vennekate, Gerd, 4,502,642, Cl. 241-79.100.

Bolinsky, Henry E.; and Klovensky, Edward J., to RCA Corporation. Method of verifying the operability of sockets in a kinescope aging line. 4,557,699, 12-10-85, Cl. 445-3.000.

Bolkow, Ludwig; Mehnert, Walter; and Chaborski, Hoiko, to Bolkow, Ludwig. Dynamic control arrangement for a distance measuring apparatus. 4,498,764, 2-12-85, Cl. 356-5.000.

Boll, Hans-Joachim, to J. Wagner GmbH. Electrical feed and control circuit for the pump piston of a spray gun. 4,517,620, 5-14-85, Cl. 361-154.000.

Boll & Kirch Filterbau GmbH: *See—*
Lennartz, Rudiger; Rott, Willi; and Sindorf, Heinz, 4,518,501, Cl. 210-411.000.
Romey, Ingo; and Lennartz, Rudiger, 4,517,086, Cl. 210-323.200.

Boll, Richard; and Friedrichs, Michael, to Vacuumschmelze GmbH. Contact-free push-button key for generating an electrical signal upon depression thereof. 4,507,651, 3-26-85, Cl. 340-365.00L.

Boll, Rudi; Tetzlaff, Arno; and Steidle, Gerhard. Apparatus for fastening instruments in a front panel or switchboard. 4,526,427, 7-2-85, Cl. 312-111.000.

Bollag, Werner; Ruegg, Rudolf; and Ryser, Gottlieb, to Hoffmann-La Roche Inc. Substituted triaryl phosphonium derivatives. 4,532,355, 7-30-85, Cl. 568-9.000.

Bolle, Fred; Herronen, John R.; and Wright, Joseph M., to Tek-Matik, Inc. Adjustable torque conveyor roller drive. 4,508,212, 4-2-85, Cl. 198-781.000.

Bolle, Gunter; Bragas, Peter; and Eschke, Bernd, to Robert Bosch GmbH. Combination electronic road guidance and communication system for vehicles. 4,515,994, 5-7-85, Cl. 179-2.00R.

Bollenrath, Franz-Michael: *See—*
Rigler, Josef K.; Trukenbrod, Karl; and Bollenrath, Franz-Michael, 4,497,911, Cl. 521-56.000.

Boller, Edward; and Williams, Michael R., to Hydrovane Compressor Company Limited. Positive displacement rotary compressors. 4,553,906, 11-19-85, Cl. 417-295.000.

Bolles, Thomas R.: *See—*
Bartlett, Robert W.; and Bolles, Thomas R., 4,526,763, Cl. 423-112.000.

Bolli, Hans-Ulrich, to SIG Schweizerische Industrie-Gesellschaft. Apparatus for separating and conveying objects. 4,519,495, 5-28-85, Cl. 198-486.000.

Bolli, Peter. Toy building block with electrical contacting portions. 4,552,541, 11-12-85, Cl. 446-91.000.

Bolli, Peter, to Interlego AG. Toy building block with electrical contacts. 4,556,393, 12-3-85, Cl. 446-91.000.

Bolliger, Georg; and Stutz, Peter, to Sandoz Ltd. Ergot peptide derivatives, their preparation and pharmaceutical compositions containing them. 4,547,500, 10-15-85, Cl. 514-250.000.

Bolliger, Georg: *See—*
Kobel, Hans; Sanglier, Jean-Jacques; Tscherter, Hans; and Bolliger, Georg, 4,542,135, Cl. 514-250.000.

Bollinger, Arthur E.: *See—*
Head, Kenneth O.; and Bollinger, Arthur E., 4,543,649, Cl. 367-96.000.

Bollinger, David E.; and McCormick, Samuel L., to Eli Lilly and Company. Capsule-sealing method and apparatus. 4,543,138, 9-24-85, Cl. 156-69.000.

Bollinger, Frederic G., to Monsanto Company. Substituted 2-imino-1,3-dithio and 1,3-oxathio heterocyclic compounds as herbicidal antidotes. 4,542,609, 9-24-85, Cl. 47-57.600.

Bollinger, Heinrich: *See—*
Felder, Ernst; Bianchi, Sergio; and Bollinger, Heinrich, 4,503,252, Cl. 564-474.000.
Muller, Hans-Rudolf; and Bollinger, Heinrich, 4,537,714, Cl. 260-112.50R.

- Bollinger, Heribert: *See—*
  - Hollmann, Siegfried; Hoch, Dieter; and Bollinger, Heribert, 4,541,442, Cl. 132-9.000.
- Bollinger, Joseph M., to Rohm and Haas Company. Hydrogenated diolefin-lower alkyl acrylate or methacrylate viscosity index improving copolymers for lubricating oils. 4,533,482, 8-6-85, Cl. 252-56.00R.
- Bollinger, Karl, to Soletanche. Scaffolding. 4,519,475, 5-28-85, Cl. 182-17.000.
- Bollinger, Viktor. Air conditioning system for heated rooms. 4,492,086, 1-8-85, Cl. 62-3.000.
- Bollinger, Wayne C.: *See—*
  - Burnett, Arthur P.; and Bollinger, Wayne C., 4,556,534, Cl. 420-445.000.
- Bolomey, Jean-Charles; and Michel, Yves, to Centre National de la Recherche Scientifique; and Societe d'Etude du Radant. Process and means for rapid point by point survey of body scanning radiation field. 4,552,151, 11-12-85, Cl. 128-653.000.
- Bolon, Donald A.; Gorczyca, Thomas B.; and Hallgren, John E., to General Electric Company. Process for the preparation of diaryl carbonates. 4,533,504, 8-6-85, Cl. 260-463.000.
- Bolongeat-Mobleu, Roger; Busin, Thierry; and Ravet, Jean-Paul, to Merlin Gerin. Guiding assembly for a high-voltage circuit-breaker operating rod. 4,562,321, 12-31-85, Cl. 200-148.00A.
- Bolser, David R.: *See—*
  - Lewis, Wallace J.; and Bolser, David R., 4,557,413, Cl. 228-183.000.
- Bolt Beranek and Newman Inc.: *See—*
  - Clemente, Anthony R., 4,538,139, Cl. 340-539.000.
- Bolt, Conway A., Jr.; Cassen, John W.; and Schrank, Helmut E., to United States of America, Navy. Loop antenna with improved balanced feed. 4,547,776, 10-15-85, Cl. 343-741.000.
- Bolt, Norman T.: *See—*
  - Adams, Keith J. G.; Williams, Terrence P.; Bolt, Norman T.; and Siddique, Qazi M., 4,491,566, Cl. 423-220.000.
- Bolt, William S.; and Wood, Kenneth W. Suspendable hanger framework assembly. 4,527,694, 7-9-85, Cl. 211-46.000.
- Bolte, Steven B.; Brewington, Grace T.; Davidson, Theodore; Koehler, Richard F., Jr.; and Martin, Robert G., to Xerox Corporation. Printing machine employing an operator replaceable interposition web and photoconductive member. 4,497,570, 2-5-85, Cl. 355-16.000.
- Bolte, Steven B.: *See—*
  - Brewington, Grace T.; Bolte, Steven B.; Hays, Dan; and Wayman, William H., 4,505,573, Cl. 355-3.0DD.
  - Gruber, Robert J.; Knapp, John F.; and Bolte, Steven B., 4,517,268, Cl. 430-39.000.
  - Gruber, Robert J.; Koch, Ronald J.; Knapp, John F.; and Bolte, Steven B., 4,556,624, Cl. 430-110.000.
- Bolton, Brent C.; Logsdon, Gary L.; Hagenmaier, Carl F., Jr.; and Wilson, Jesse R., to Burroughs Corporation. Selector switch for a concurrent network of processors. 4,498,133, 2-5-85, Cl. 364-200.000.
- Bolton, Brent C.: *See—*
  - Hagenmaier, Carl F., Jr.; Logsdon, Gary L.; Bolton, Brent C.; and Miner, Robert L., Jr., 4,502,118, Cl. 364-200.000.
- Bolton, Carl W.: *See—*
  - Scantlebury, Todd V.; Ambruster, Jeanne B.; Bolton, Carl W.; Campbell, Stephen E.; and Green, La Thaggar, III, 4,531,916, Cl. 433-173.000.
- Bolton, Edgar A., to Registration Control Systems. Combination badge and card holder. 4,509,277, 4-9-85, Cl. 40-1.500.
- Bolton-Emerson, Inc.: *See—*
  - Danforth, Donald W., 4,554,051, Cl. 162-49.000.
- Bolton, Gerald L.; and Weir, Donald R., to Sherritt Gordon Mines Limited. Process for recovering zinc from zinc ferrite material. 4,510,028, 4-9-85, Cl. 204-119.000.
- Bolton, Gerald L.: *See—*
  - Weir, Donald R.; Masters, Ian M.; and Bolton, Gerald L., 4,505,744, Cl. 75-120.000.
- Bolton, James O., to Commonwealth of Australia, The. Roll measuring device. 4,541,590, 9-17-85, Cl. 244-3.200.
- Bolton, John D. Wire brush battery connector. 4,494,812, 1-22-85, Cl. 339-95.00B.
- Bolton, John D. Jet power lawn mower. 4,499,710, 2-19-85, Cl. 56-11.900.
- Bolton, John D. Apparatus for treatment of hair and scalp. 4,523,080, 6-11-85, Cl. 219-362.000.
- Bolton, Joseph A.; and Salls, David J., to Albany International Corp. Vacuum control system and method for dewatering fabrics. 4,551,202, 11-5-85, Cl. 162-198.000.
- Bolton, Roderick A., to W. R. Grace & Co., Cryovac Div. Method for making partially separated multibags. 4,493,684, 1-15-85, Cl. 493-234.000.
- Bolton, Theodore S.; Leech, Brad G.; and Lang, Richard D., to Carrier Corporation. Discharge air assembly for a room air conditioner. 4,499,816, 2-19-85, Cl. 98-40.260.
- Bolton, Theodore S.; and Lang, Richard D., to Carrier Corporation. Apparatus for securing and sealing a packaged terminal air conditioner to a plastic wall sleeve. 4,555,983, 12-3-85, Cl. 98-114.000.
- Bolton, Theodore S.: *See—*
  - Napolitano, James E.; Bolton, Theodore S.; and McHale, John P., 4,553,405, Cl. 62-262.000.
- Bolton, William W. Portable folding corral. 4,537,151, 8-27-85, Cl. 119-20.000.
- Boltrek, Henry, to Westinghouse Electric Corp. Escalator. 4,535,880, 8-20-85, Cl. 198-330.000.
- Boltshauser, Werner: *See—*
  - Sonderegger, Conrad; Sonderegger, Hans C.; and Boltshauser, Werner, 4,503,351, Cl. 310-329.000.
- Boltswitch, Inc.: *See—*
  - Erickson, John W., 4,536,046, Cl. 339-31.00M.
- Boltze, Karl-Heinz; and Horstmann, Harald, to Troponwerke GmbH & Co. KG. Indole derivatives, processes for their preparation, and their use as medicaments. 4,513,004, 4-23-85, Cl. 514-414.000.
- Bolwig, Rolf W., to Rotabo Industries Inc. Lamp carriage arm for safety hats. 4,516,192, 5-7-85, Cl. 362-107.000.
- Bolyo, Laszlo: *See—*
  - Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.
- Bolz, Gunner: *See—*
  - DeForest, Sherman E.; Bolz, Gunner; and La Quey, Robert E., 4,502,075, Cl. 358-93.000.
- Bolz, Ludwig; and Ruhle, Walter, to Robert Bosch GmbH. Starter for internal combustion engines. 4,561,316, 12-31-85, Cl. 74-7.00E.
- Bolza-Schunemann, Claus A., to Koenig & Bauer Aktiengesellschaft. Control mechanism to disable driven ink metering elements in rotary printing machines. 4,508,034, 4-2-85, Cl. 101-365.000.
- Bolze, Rudolf; Geiger, Friedhelm; Spindler, Manfred; and Tanner, Herbert. Process for the hydrolysis of 5-(β-methylmercaptoethyl)-hydantoin. 4,518,801, 5-21-85, Cl. 562-559.000.
- Bolzer, Rene, to Laiterie Triballat. Installation and process for the preparation of acid caseinates. 4,559,119, 12-17-85, Cl. 204-182.600.
- Bolzer, Rene J. M.; and Clanchin, Jean, to Laiterie Triballat. Process for treating a milk serum product. 4,525,366, 6-25-85, Cl. 426-271.000.
- Bom, Cornelis J. G.: *See—*
  - van der Lely, Ary; and Bom, Cornelis J. G., 4,497,446, Cl. 239-661.000.
  - van der Lely, Ary; and Bom, Cornelis J. G., 4,532,999, Cl. 172-68.000.
  - van der Lely, Ary; and Bom, Cornelis J. G., 4,561,595, Cl. 239-687.000.
- Boman, Hans G.: *See—*
  - Hultmark, Dan; Steiner, Hakan; Rasmuson, Torgny; and Boman, Hans G., 4,520,016, Cl. 514-12.000.
- Boman Industries: *See—*
  - Augustin, Eugene P., 4,528,528, Cl. 333-21.00A.
- Bomatic, Inc.: *See—*
  - Hestehave, Borge; and Hestehave, Kjeld, 4,541,529, Cl. 206-510.000.
  - Hestehave, Borge; and Hestehave, Kjeld, 4,548,344, Cl. 222-464.000.
- Bomberger, Howard B.; and Froes, Francis H., to United States of America, Air Force. Method for making alloy additions to base metals having higher melting points. 4,534,938, 8-13-85, Cl. 420-590.000.
- Bomches, Helmut; and Hardegger, Bruno, to Hoffmann-La Roche Inc. Purification of mefloquin hydrochloride. 4,507,482, 3-26-85, Cl. 546-176.000.
- Bomford & Evershed Limited: *See—*
  - Fox, John V., 4,492,273, Cl. 172-520.000.
- Bommarito, John J.: *See—*
  - Ryntz, Edward F., Jr.; and Bommarito, John J., 4,520,858, Cl. 164-34.000.
- Bommarito, Paul F. Pupil location gauge. 4,494,837, 1-22-85, Cl. 351-204.000.
- Bompard, Bruno P.; and Bruyere, Alain, to Commissariat a l'Energie Atomique; and Societe J. Brochier & Fils. Process and machine for inserting points in a mandrel. 4,536,930, 8-27-85, Cl. 29-33.00K.
- Boms, Manfred: *See—*
  - Mahler, Gert; Falkenroth, Heinz-Jurgen; Leitermann, Wulf; and Boms, Manfred, 4,512,240, Cl. 98-2.040.
- Bonacchi, Graziano: *See—*
  - Fedi, Mauro; and Bonacchi, Graziano, 4,544,556, Cl. 514-263.000.
- Bonanno, Anthony J.: *See—*
  - Greenfield, Charles; Casparian, Robert E.; and Bonanno, Anthony J., 4,518,458, Cl. 159-47.100.
- Bonansea, Hubert: *See—*
  - Divoux, Michel; Bonansea, Hubert; and Constant, Bernard, 4,492,509, Cl. 414-387.000.
- Bonapace, Franco: *See—*
  - Cosentino, Roberto F.; and Bonapace, Franco, 4,510,170, Cl. 427-33.000.
- Bonassi, Luciano. Winch for sheet winding on seacrafts. 4,523,744, 6-18-85, Cl. 254-371.000.
- Bonazoli, Robert P.; and Shaffer, John W., to GTE Products Corporation. Circuit breaker by-pass element. 4,528,479, 7-9-85, Cl. 315-73.000.
- Bonazzo, Robert. Water filtration device. 4,536,290, 8-20-85, Cl. 210-419.000.
- Bonazzo, Robert E. Applicator device. 4,540,302, 9-10-85, Cl. 401-173.000.
- Boncoeur, Marcel: *See—*
  - Dubust, Jean-Claude; Boncoeur, Marcel; and Hansz, Bernard, 4,505,945, Cl. 427-8.000.
- Bond, Alan M.; Hudson, Henry A.; van den Bosch, Pierre A.; and Walter, Frederick L., to Deakin University. Monitoring of chemical species in solution and apparatus therefor. 4,504,367, 3-12-85, Cl. 204-1.00T.
- Bond, Armand P.; Poznansky, Abraham; and Grobner, Paul J., to Amax Inc. Cast duplex stainless steel. 4,500,351, 2-19-85, Cl. 75-128.00N.
- Bond, Armand P.: *See—*
  - Grobner, Paul J.; Bond, Armand P.; and Poznansky, Abraham, 4,547,338, Cl. 420-584.000.

Bond, Charles R., to Verbatim Corporation. Disk drive alignment analyzer. 4,562,494, 12-31-85, Cl. 360-75.000.

Bond, Charles R.; and Sturtevant-Stuart, Ronald M., to Verbatim Corporation. Multiple system disk. 4,562,495, 12-31-85, Cl. 360-78.000.

Bond, Gary L.: *See—*
Meyer, Max F., Jr.; Bond, Gary L.; and McConnell, Richard L., 4,540,749, Cl. 525-437.000.

Bond, Gary M.; and Marshall, Albert H., to United States of America, Navy. Battlefield friend or foe indentification trainer. 4,504,232, 3-12-85, Cl. 434-11.000.

Bond, Harry L. F., to Davy McKee (Sheffield) Limited. Housingless beam mill stand. 4,557,130, 12-10-85, Cl. 72-225.000.

Bond, Kevin; and Watson, Brian W., to Cossar Electronics Limited. Antenna with a reflector of open construction. 4,516,132, 5-7-85, Cl. 343-815.000.

Bond, Michael J., to Gillette Company, The. Razor handle. 4,514,904, 5-7-85, Cl. 30-87.000.

Bond, Morris M.: *See—*
Coleman, Darrel F.; and Bond, Morris M., 4,559,836, Cl. 73-861.660.

Bond, Paul W.; and Rockrohr, James D., to International Business Corporation. Cathode ray tube display horizontal deflection system with delay compensation. 4,547,710, 10-15-85, Cl. 315-403.000.

Bond, Ralph W., to Amana Refrigeration, Inc. Air conditioner with improved fresh air path. 4,524,588, 6-25-85, Cl. 62-262.000.

Bond, Raymond G., to T.A.D. Avanti, Inc. Ring and line monitor for answering machine. 4,525,603, 6-25-85, Cl. 179-84.00R.

Bond, Raymond G., to T.A.D. Avanti, Inc. Message playback control system for telephone answering machine. 4,558,179, 12-10-85, Cl. 179-6.030.

Bond, Raymond G.; and Batla, Masroor A., to T.A.D. Avanti, Inc. Telephone system. 4,560,832, 12-24-85, Cl. 179-2.0EA.

Bondar, Efim S.: *See—*
Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.

Bondar, Ljudmila S.; Okunev, Rostan A.; Polezhaev, Lev V.; Kolchin, Sergei P.; Cherkasova, Ljudmila V.; and Nikolaeva, Lilia F., to Institut Organicheskoi Khimii Imeni N.D. Zelinskogo; Vsesojuzny Kardiolgichesky Anuchny Tsentr; and Institut Fiologii Razvitia Imeni N.K. Koltsova Akademii Nauk SSSR. Pharmaceutical composition and method for treating heart diseases therewith. 4,495,201, 1-22-85, Cl. 514-560.000.

Bondax Carpets Limited: *See—*
Axford, Robin; and Young, John R., 4,528,882, Cl. 83-522.000.

Bondeson, Anders: *See—*
Manheimer, Wallace M.; Ott, Edward; and Bondeson, Anders, 4,491,765, Cl. 315-4.000.

Bondesson, Stig: *See—*
Andersson, Kurt; Bartelsson, Nils; and Bondesson, Stig, 4,546,940, Cl. 244-3.290.

Bondinell, William E.; Lafferty, John J.; and Zirkle, Charles L., to SmithKline Beckman Corporation. N-Substituted pyrrolidineacetic acids and their esters. 4,514,414, 4-30-85, Cl. 514-422.000.

Bondioli, Edi. Protection device for a universal joint. 4,501,573, 2-26-85, Cl. 464-172.000.

Bondiou, Jean-Claude; Hodac, Francoise; and Legroux, Didier, to Pharmuka Laboratoires. Process for the preparation of derivatives of quinuclidine substituted in the 3 position. 4,546,185, 10-8-85, Cl. 546-133.000.

Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., to GAF Corporation. Sheet type felt. 4,513,045, 4-23-85, Cl. 428-137.000.

Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., to GAF Corporation. Sheet type felt. 4,543,158, 9-24-85, Cl. 162-145.000.

Bondonno, Mario: *See—*
Belforte, Piero; Bondonno, Mario; Bostica, Bruno; and Pilati, Luciano, 4,543,653, Cl. 370-66.000.

Bonds, James V.: *See—*
Adamek, Frank C.; Bonds, James V.; and Bridges, Charles D., 4,511,002, Cl. 166-382.000.

Bone, David P.: *See—*
Gould, Max R.; Bone, David P.; and Hsieh, Fu H., 4,497,840, Cl. 426-560.000.

Bone, George D., Jr., to Westinghouse Electric Corp. Self-calibration of stacked beam radar. 4,538,150, 8-27-85, Cl. 343-17.700.

Bone, Kendall F., to Cincinnati Milacron Inc. Heat exchange apparatus for electric motor and electric motor equipped therewith. 4,516,044, 5-7-85, Cl. 310-64.000.

Bone, Rainer; Boning, Bernward; Nagel, Rudolf; and Sellmaier, Franz, to Robert Bosch GmbH. Internal combustion engine combustion chamber pressure sensing apparatus. 4,491,110, 1-1-85, Cl. 123-425.000.

Bonebright, Mark E.; and Mehner, Everett C., to Cubic Corporation. Multiple-feed luneberg lens scanning antenna system. 4,531,129, 7-23-85, Cl. 343-754.000.

Bonenberger, Hartmut: *See—*
Kalchschmied, Dietmar; Bonenberger, Hartmut; and Huber, Bernd, 4,498,696, Cl. 293-126.000.

Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, to SKF Kugellagerfabriken GmbH. Cage for ball bearings, especially for inclined ball bearings. 4,560,291, 12-24-85, Cl. 384-533.000.

Bonengel, Roland: *See—*
Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.

Boner, Alan H. Parallel heat exchanger with interlocking plate arrangement. 4,556,105, 12-3-85, Cl. 165-165.000.

Bonerb, Timothy C., to Bonerb, Vincent C. Freight vehicle with a convertible cargo space. 4,534,596, 8-13-85, Cl. 298-27.000.

Bonerb, Vincent C.: *See—*
Bonerb, Timothy C., 4,534,596, Cl. 298-27.000.

Bones, Roger J.; Galloway, Roy C.; Coetzer, Johan; and Teagle, David A., to Lilliwyte Societe Anonyme. Electrochemical cell. 4,560,627, 12-24-85, Cl. 429-103.000.

Bones, Roger J.: *See—*
Coetzer, Johan; Galloway, Roy C.; Bones, Roger J.; Teagle, David A.; and Moseley, Patrick T., 4,546,055, Cl. 429-103.000.
Galloway, Roy C.; Bones, Roger J.; Teagle, David A.; and Wright, Michael L., 4,529,676, Cl. 429-103.000.

Bonetta, Angelo A.; and Galiotto, Bruno R., to Canadian Ursus Rubber Limited. Apparatus for evaluating foot condition. 4,534,365, 8-13-85, Cl. 128-779.000.

Bonetti, William F.: *See—*
Deckert, Cheryl A.; Couble, Edward C.; and Bonetti, William F., 4,515,829, Cl. 427-97.000.

Bonfiglioli, Silverio; and Gardellini, Giovanni, to Weber S.p.A. Carburetor for internal combustion engines with electromagnetic controlled devices for positioning the throttle in two positions with small openings. 4,502,436, 3-5-85, Cl. 123-339.000.

Bonfiglioli, Silverio; and Triolo, Innocenzo, to Weber S.p.A. Carburetor having electronically controlled elements for maintaining engine idling speed at a constant level and for controlling choke-valve position during a warm-up phase. 4,524,742, 6-25-85, Cl. 123-438.000.

Bonfiglioli, Silverio, to Weber S.p.A. Electromechanical and pneumatic device for controlling the throttle position of a carburetor according to engine speed during accelerator release. 4,546,744, 10-15-85, Cl. 123-339.000.

Bongartz, Heinz B.: *See—*
Brankamp, Klaus; Bialas, Volker; and Bongartz, Heinz B., 4,519,040, Cl. 364-474.000.
Brankamp, Klaus; and Bongartz, Heinz B., 4,523,483, Cl. 73-862.540.

Bongers, Bernd: *See—*
Fischer, Thomas; and Bongers, Bernd, 4,546,669, Cl. 74-579.00E.

Bongers, Joseph J. M.: *See—*
van Geenen, Albert A.; Bongers, Joseph J. M.; van der Loos, Jozef L. M.; and Vrinssen, Cornelis H., 4,540,515, Cl. 260-239.30R.
van Geenen, Albert A.; Bongers, Joseph J. M.; and van der Loos, Jozef L. M., 4,540,516, Cl. 260-239.30R.

Bongrain S.A.: *See—*
Chauvin, Bernard, 4,500,550, Cl. 426-38.000.

Bonham, Christopher: *See—*
Cerveny, Leonard W.; Bonham, Christopher; Mull, J. C., Jr.; and Shellman, Jon V., 4,526,285, Cl. 220-7.000.

Bonhard, Robert B. Power cord storage and dispenser. 4,557,430, 12-10-85, Cl. 242-96.000.

Bonhomme, Bernard, to L.C.C.-C.I.C.E. Compagnie Europeenne de Composants Electroniques. Apparatus for welding connections of components. 4,546,228, 10-8-85, Cl. 219-85.00R.

Bonhomme, Jean: *See—*
Crussard, Charles; Maurel, Pierre; and Bonhomme, Jean, 4,511,540, Cl. 423-26.000.

Bonicalzi, Leopold: *See—*
Lacombe, Gerard A.; and Bonicalzi, Leopold, 4,517,780, Cl. 52-233.000.

Bonicel, Jean-Pierre; Prigent, Madeleine; and Cottevieille, Christian, to Les Cables de Lyon. Fireproof polymer material. 4,555,539, 11-26-85, Cl. 524-127.000.

Bonicelli, Ugo: *See—*
Fiore, Leonardo; Binaghi, Marco; and Bonicelli, Ugo, 4,503,190, Cl. 525-108.000.

Boniface, Edmund A.: *See—*
Morgan, Walter R.; Boniface, Edmund A.; and Huben, Clayton A., 4,509,325, Cl. 60-39.141.

Bonifacio, Fausto: *See—*
Bernareggi, Virgilio; Bonifacio, Fausto; Margutti, Roberto; and Fano, Maurizio, 4,558,054, Cl. 514-291.000.

Bonifanti, George; Jackson, Mark F.; Letsch, Karl H.; Longenecker, Bruce C.; Loomis, Phillip E.; Nguyen, Hung T.; Schuppert, Leo V., Jr.; Spong, Richard V.; and Paukovits, Edward J., Jr., to AMP Incorporated. Component insertion apparatus. 4,551,901, 11-12-85, Cl. 29-564.600.

Bonifay, Regis: *See—*
Rojey, Alexandre; Bonifay, Regis; and Cariou, Jean-Paul, 4,532,773, Cl. 62-101.000.

Bonifield, Thomas D.; and Purdes, Andrew J., to Texas Instruments Incorporated. Plasma reactor sidewall shield. 4,512,283, 4-23-85, Cl. 118-723.000.

Bonifield, Thomas D.: *See—*
Purdes, Andrew J.; and Bonifield, Thomas D., 4,513,021, Cl. 427-38.000.

Bonin, Demetrius J.: *See—*
Lewarchik, Ronald J.; Noren, Gerry K.; Metcalfe, Ronald; Bonin, Demetrius J.; and Poklacki, Erwin S., 4,530,977, Cl. 525-443.000.

- Bonin, Wayne A.; and Dugas, Matthew P., to Vertimag Systems Corporation. Hybrid read-write head for perpendicular recording media. 4,541,026, 9-10-85, Cl. 360-121.000.
- Boning, Bernward: *See—*
  - Bone, Rainer; Boning, Bernward; Nagel, Rudolf; and Sellmaier, Franz, 4,491,110, Cl. 123-425.000.
- Bonini, Bruno; Cook, Raymond G.; Holdren, Carl F.; and Johnston, Everett A., to General Electric Company. Thrust reverser attachment. 4,533,098, 8-6-85, Cl. 244-110.00B.
- Bonis, Laszlo J., to Composite Container Corporation. Flexible heat-sealable sheet and bag made therefrom. 4,497,857, 2-5-85, Cl. 428-35.000.
- Bonis, Laszlo J., to Composite Container Corporation. Rigid coextruded sheet and container. 4,551,365, 11-5-85, Cl. 428-35.000.
- Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, to Robert Bosch GmbH. Cyclical reset of vehicular microcomputers for economic error immunity. 4,562,544, 12-31-85, Cl. 364-431.110.
- Bonk, Joseph P., to Colgate-Palmolive Company. Pre-moistened towelette dispenser. 4,535,912, 8-20-85, Cl. 221-46.000.
- Bonk, Werner: *See—*
  - Kerpers, Werner; Bonk, Werner; Roser, Dieter; and Fuhrer, Hans-Jurgen, 4,539,737, Cl. 29-423.000.
- Bonko, Mark L.; and Lopp, Loran C., Jr., to Goodyear Tire & Rubber Company, The. Tractor tire. 4,534,392, 8-13-85, Cl. 152-209.00B.
- Bonn, Helmut: *See—*
  - Zeller, Gregor; and Bonn, Helmut, 4,548,454, Cl. 339-3.00S.
- Bonn, John: *See—*
  - Graham, Wayne B.; and Bonn, John, 4,554,743, Cl. 33-172.00R.
- Bonnamour, Michel: *See—*
  - Le Pargneux, Jacques; Bonnamour, Michel; and Filary, Gerard, 4,558,504, Cl. 29-452.000.
- Bonnard, Hubert: *See—*
  - Breque, Anne; Muller, Georges; Bonnard, Hubert; Mathey, Francois; and Savignac, Philippe, 4,504,683, Cl. 568-12.000.
- Bonnaud, Bernard: *See—*
  - Cousse, Henri; Mouzin, Gilbert; Bonnaud, Bernard; Charveron, Marie; and Fauran, Francois, 4,507,318, Cl. 514-531.000.
- Bonnaud, Pierre L., to Societe d'Etudes de Machines Thermiques SEMT. Method of recovering energy in a power generator and power generator for carrying out the said method. 4,513,572, 4-30-85, Cl. 60-618.000.
- Bonne, Harry: *See—*
  - Hampel, Hans-Joachim; Scondo, Ludwig; Stahl, Jurgen; Wegner, Wilhelm; and Bonne, Harry, 4,520,948, Cl. 222-103.000.
- Bonne, Ulrich, to Honeywell Inc. Adaptive, modulating boiler control system. 4,497,438, 2-5-85, Cl. 237-8.00R.
- Bonne, Ulrich, to Honeywell Inc. Selective leak-detector for natural gas. 4,507,558, 3-26-85, Cl. 250-345.000.
- Bonne, Ulrich, to Honeywell Inc. Refrigeration or heat pump system defrost. 4,561,263, 12-31-85, Cl. 62-176.200.
- Bonne, Ulrich: *See—*
  - Bohan, John E., Jr.; Bonne, Ulrich; and Weber, Dane M., 4,527,085, Cl. 313-128.000.
- Bonneau, Daniel: *See—*
  - Arnoux, Daniel; Haye, Maurice; and Bonneau, Daniel, 4,557,383, Cl. 206-521.000.
- Bonneau, Marc. Method of preparing natural beverages having a low alcohol level, using ultrafiltration techniques. 4,499,117, 2-12-85, Cl. 426-592.000.
- Bonneau, Marc: *See—*
  - Play, Dominique; Bonneau, Marc; Merieux, Charles; Herbage, Daniel; and Comte, Philippe, 4,511,653, Cl. 435-69.000.
- Bonneau, Paul; Holshouser, Howard E.; and Rogers, Terrence E., to General Electric Company. Television channel lockout. 4,510,623, 4-9-85, Cl. 455-181.000.
- Bonnecaze, Bernard F.: *See—*
  - Li, Ying H.; and Bonnecaze, Bernard F., 4,545,132, Cl. 34-20.000.
  - Riess, Louis P.; and Bonnecaze, Bernard F., 4,501,551, Cl. 432-15.000.
- Bonnell, James M., to Tropicana Products, Inc. Process for the production of useful products from orange peel. 4,497,838, 2-5-85, Cl. 426-429.000.
- Bonnell, Leonard J., to Rorer Group Inc. Therapeutic treatment within joint capsules of the body. 4,506,673, 3-26-85, Cl. 128-419.00F.
- Bonnema, Kelvin K.: *See—*
  - Peerman, Dwight E.; Kanten, H. Gorden; and Bonnema, Kelvin K., 4,525,890, Cl. 15-193.000.
- Bonnemann, Helmut; and Bogdanovic, Borislav, to Studiengesellschaft Kohle mbH. Production of transition metal complexes. 4,556,719, 12-3-85, Cl. 556-13.000.
- Bonner, Cletus D., to Strayer Coin Bag Co. Inc. Mailing bag with address mounting pocket and tamper proof tie securing means attachable to card and slide zipper preventing surreptitious access thereinto. 4,494,592, 1-22-85, Cl. 383-5.000.
- Bonner, Francis J., Jr.; and Bonner, Francis J., III, to Universal Medical Products, Inc. Bandage. 4,534,354, 8-13-85, Cl. 128-402.000.
- Bonner, Francis J., Jr. Cold compress. 4,556,055, 12-3-85, Cl. 128-82.100.
- Bonner, Francis J., III: *See—*
  - Bonner, Francis J., Jr.; and Bonner, Francis J., III. 4,534,354, Cl. 128-402.000.
- Bonner, James F., to Phytogen. Controlled growth of mung bean sprouts. 4,519,163, 5-28-85, Cl. 47-58.000.
- Bonner, Paul H.: *See—*
  - Blume, Cheryl D.; and Bonner, Paul H., 4,526,777, Cl. 424-20.000.
  - Blume, Cheryl D.; and Bonner, Paul H., 4,547,498, Cl. 514-225.000.
- Bonner, Robert F., to United States of America, Health and Human Services. Non-invasive optical assessment of platelet viability. 4,522,494, 6-11-85, Cl. 356-39.000.
- Bonner, Stanley V., to Foster Wheeler Energy Corporation. Self-positioning scarfing apparatus. 4,543,022, 9-24-85, Cl. 409-298.000.
- Bonnerot, Georges: *See—*
  - Raulin, Jean M.; and Bonnerot, Georges, 4,520,491, Cl. 375-27.000.
- Bonnet, Bernard; Bressy, Roger; and Sevaille, Jean-Claude, to Commissariat a l'Energie Atomique. Automatic high insulation switch. 4,555,640, 11-26-85, Cl. 307-115.000.
- Bonnet, Eric, to Jean Lassale S.A. Watch case provided with integral bracelet. 4,506,992, 3-26-85, Cl. 368-282.000.
- Bonnet, Ludwig; and Bitrolf, Ehrenfried, to Richard Wolf GmbH. Piezoelectric transducer with curved shafts. 4,561,438, 12-31-85, Cl. 128-328.000.
- Bonnet, Maurice G. Q.: *See—*
  - Marraud, Alain R. P.; and Bonnet, Maurice G. Q., 4,506,296, Cl. 358-88.000.
- Bonnet, Yves A.: *See—*
  - Ballatore, Daniel; Bonnet, Yves A.; Ferry, Michel F.; and Jacquart, Christian A., 4,538,032, Cl. 179-170.00D.
- Bonney, Glenn E.; and Longsworth, Ralph C., to Air Products and Chemicals, Inc. Bakeable cryopump. 4,514,204, 4-30-85, Cl. 62-41.000.
- Bonney, Robert D.: *See—*
  - Price, Michael G.; Zehl, Otis G.; and Bonney, Robert D., 4,536,062, Cl. 350-358.000.
- Bonneyrat, Alain M.; and Lanclais, Christian L., to Gilson Medical Electronics (France). Method and device for analyzing effluents for the detection of peaks. 4,546,643, 10-15-85, Cl. 73-61.10C.
- Bonnici, Charles: *See—*
  - Ballard, James W.; and Ballard, Larry R., 4,512,243, Cl. 98-42.010.
- Bonnier, Georges; and Hermier, Yves, to Centre National de la Recherche Scientifique. Sealed unitary thermometric calibration cell connecting different fixed points. 4,523,859, 6-18-85, Cl. 374-1.000.
- Bonnin, Michelle; Musikas, Claude; and Vitorge, Pierre, to Commissariat a l'Energie Atomique. Process for separating the actinides and lanthanides present in the trivalent state in an acid aqueous solution. 4,496,523, 1-29-85, Cl. 423-9.000.
- Bonnome, Jean-Pierre, to Union de Brasseries. Method of manufacturing and processing alcoholic beverages, and alcoholic liquids obtained by performing the method. 4,532,140, 7-30-85, Cl. 426-13.000.
- Bonnot, Guy; Laviolette, Pierre; Potiron, Andre; and Deysson, Jean-Yves, to Institut National de la Recherche Agronomique. Process for producing encapsulable globules. 4,521,353, 6-4-85, Cl. 264-8.000.
- Bonny, Alan, to Standard Oil Company, The. Process for use of novel boride catalyst. 4,511,454, 4-16-85, Cl. 208-10.000.
- Bono, Giancarlo: *See—*
  - Migliacci, Antonio; Bono, Giancarlo; and Tognoli, Piero, 4,526,739, Cl. 264-228.000.
- Bonolis, Vincent P. Rail lock. 4,526,499, 7-2-85, Cl. 410-31.000.
- Bonomi, Louis E.: *See—*
  - Ramella, Joseph, 4,538,817, Cl. 273-380.000.
- Bonsack, James P.; and Fridman, Semyon D., to SCM Corporation. Two stage chlorination of titaniferous ore with $FeCl_3$ reclamation. 4,540,551, 9-10-85, Cl. 423-77.000.
- Bonse, Dirk: *See—*
  - Weidenbach, Gunter; Bonse, Dirk; and Meyer, Boris, 4,533,633, Cl. 435-94.000.
- Bonse, Gerhard; Marzolph, Gerhard; and Blank, Heinz U., to Bayer Aktiengesellschaft. Process for the preparation of carboxylic acids and N-tert.-alkylamines. 4,496,736, 1-29-85, Cl. 546-327.000.
- Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, to Bayer Aktiengesellschaft. Process for the preparation of 1-amino-1,3,5-triazine-2,4(1H,3H)-diones. 4,524,205, 6-18-85, Cl. 544-223.000.
- Bonse, Gerhard: *See—*
  - Richter, Roland; Reinecke, Paul; Muller, Hanns P.; Bonse, Gerhard; and Brandes, Wilhelm, 4,560,738, Cl. 528-62.000.
- Bontemps, Daniel: *See—*
  - Malbec, Yves; Boisot, Yves; Bontemps, Daniel; and Duhamel, Georges, 4,500,760, Cl. 200-83.00C.
- Bonten, Heinz; Nielinger, Werner; Michael, Dietrich; and Haupt, Heinrich, to Bayer Aktiengesellschaft. Fire-resistant polyamide moulding compositions. 4,525,505, 6-25-85, Cl. 524-100.000.
- Bonthron, Raymond J.: *See—*
  - Skakoon, James G.; Johanson, Donald L.; and Bonthron, Raymond J., 4,544,369, Cl. 604-155.000.
- Bonuchi, James A.; and Criscione, Frank J., II, to Simon-Johnson, Inc. Machine for pulling viscera package from fowls. 4,561,148, 12-31-85, Cl. 17-11.000.
- Bonus, Thomas G. Electrical safety receptacle. 4,530,556, 7-23-85, Cl. 339-75.00P.
- Bonvallet, Duane J., to General Motors Corporation. Hypocyclic rolling contact rocker arm and pivot for an internal combustion engine. 4,491,099, 1-1-85, Cl. 123-90.440.
- Bonvallet, Duane J., to General Motors Corporation. Hypocyclic rolling contact rocker arm and hydraulic lash adjuster pivot. 4,543,920, 10-1-85, Cl. 123-90.430.
- Bonyhard, Peter I., to AT&T Bell Laboratories. Fast access magnetic bubble memory. 4,530,071, 7-16-85, Cl. 365-15.000.
- Bonzer, Richard C.; and Greene, Frederick C., to Darnell Corporation, Ltd. Shock resistant caster having pressure plates and centering projections. 4,559,669, 12-24-85, Cl. 16-44.000.

Bonzo, Roy T., to Corning Glass Works. Method for selectively manifolding honeycomb structures. 4,557,773, 12-10-85, Cl. 156-64.000.

Boog, Manfred; and Jakob, Werner, to Heraeus Quarzschmelze GmbH. Composite tubular body. 4,530,378, 7-23-85, Cl. 138-109.000.

Boogers, Wilhelmus P. L., to P.M.B. Patent Machinebouw B.V. Winding device. 4,495,955, 1-29-85, Cl. 131-105.000.

Boogers, Wilhelmus P. L., to B. V. Arenco P.M.B. Method and device for dividing a whole or a half a tobacco leaf into usable portions, for example, binders or wrappers. 4,505,281, 3-19-85, Cl. 131-105.000.

Booher, Benjamin V. Composite control arm apparatus. 4,509,774, 4-9-85, Cl. 280-694.000.

Booher, Howard. Unitized trailer assembly. 4,534,589, 8-13-85, Cl. 296-182.000.

Booher, Howard. Movable rear cross bar. 4,550,947, 11-5-85, Cl. 296-181.000.

Booher, Richard N.; and Kornfeld, Edmund C., to Eli Lilly and Company. Partially hydrogenated pyrazolo, pyrimido and thiazolo[1,4-]benzoxazines. 4,552,956, 11-12-85, Cl. 544-101.000.

Booher, Robert K.: *See—*
Ennis, John J.; and Booher, Robert K., 4,540,904, Cl. 307-473.000.

Book Covers Inc.: *See—*
Carter, Leewood C.; and Neary, Robin P., 4,527,814, Cl. 281-31.000.

Book, Ronald J.: *See—*
Wiacek, Marian; Markin, Charles; and Book, Ronald J., 4,537,841, Cl. 429-56.000.

Bookbinder, David. Pulsating lamp system for vehicles. 4,550,305, 10-29-85, Cl. 340-134.000.

Booker, Arthur J. Ships propulsion shaft removal apparatus. 4,544,322, 10-1-85, Cl. 414-589.000.

Booker, Brian A. J., to Parker Pen Company, The. Pocket clip for a writing instrument. 4,506,426, 3-26-85, Cl. 29-413.000.

Booker, David F.; Grove, David E.; Cotterill, Phillip J.; and Tyson, Robert G., to Johnson Matthey Public Limited Company. Process for recovering triarylphosphine from poisoned rhodium catalyst systems. 4,503,255, 3-5-85, Cl. 568-17.000.

Booker, James D., Jr. Cooking apparatus for vertically suspending and rotating meat. 4,508,028, 4-2-85, Cl. 99-421.00V.

Booker, Reginald A., to Du Pont de Nemours, E. I., and Company. In situ film hardening with pyridinium chlorochromate and aldehyde precursor alcohol. 4,499,182, 2-12-85, Cl. 430-621.000.

Booker, Reginald A., to Du Pont de Nemours, E. I., and Company. In situ film hardening with pyridine-N-oxide and aldehyde precursor. 4,504,578, 3-12-85, Cl. 430-621.000.

Booker, Reginald A., to Du Pont de Nemours, E. I., and Company. In situ film hardening with aldehyde bisulfite and nonhardening aldehyde. 4,510,237, 4-9-85, Cl. 430-621.000.

Booker, Scott E., to International Business Machines Corporation. Pivoting driver with changeable bits. 4,561,506, 12-31-85, Cl. 173-39.000.

Bookout, Russell J.; Pearson, Bernard A.; and Jacobs, John W., to TRW Inc. Submergible pumping apparatus. 4,536,137, 8-20-85, Cl. 417-390.000.

Bookwalter, George N., to United States of America, Agriculture. Process for stabilizing whole cereal grains. 4,544,564, 10-1-85, Cl. 426-462.000.

Boom, Johannes; and Terlouw, Teunis, to Shell Oil Company. Distributing valve. 4,506,704, 3-26-85, Cl. 137-883.000.

Boom, Johannes; Terlouw, Teunis; and Visser, Pieter, deceased (by Visser, Antonia Jacoba, nee Van der Heide, legal representative), to Shell Oil Company. Apparatus for separating solids of different shapes. 4,538,735, 9-3-85, Cl. 209-691.000.

Boomer, Wayne. Mechanical bridge and chalk holder. 4,538,809, 9-3-85, Cl. 273-18.000.

Booms, Herbert. Method of making level vials. 4,525,192, 6-25-85, Cl. 65-110.000.

Boon, Wyndham H.; and Henderson, James N., to Goodyear Tire & Rubber Company, The. High performance rubber-polyester blends. 4,558,096, 12-10-85, Cl. 525-166.000.

Boonchanta, Pipon; and Krasnicki, Edward J., to Lord Corporation. Fluid control means for vehicle suspension system. 4,491,207, 1-1-85, Cl. 188-299.000.

Boone, Jacob J.; and Stoudt, George W., to Nordson Corporation. Method and apparatus for cooling and coating the inside seam of a welded can body. 4,542,045, 9-17-85, Cl. 427-236.000.

Boone, Joe P.; Head, William J.; and Kitz, Steven L., to Goodyear Tire & Rubber Company, The. Marking apparatus. 4,506,627, 3-26-85, Cl. 118-708.000.

Boonstra, Alexander H.; Mutsaers, Cornelis A. H. A.; and van der Kruijs, Franciscus N. G. R., to U.S. Philips Corporation. Resistance paste for a resistor body. 4,499,011, 2-12-85, Cl. 252-518.000.

Boord, Warren T.; and Fryer, Richard B., to Honeywell Inc. Magnetic field sensor element capable of measuring magnetic field components in two directions. 4,533,872, 8-6-85, Cl. 324-252.000.

Boorsma, Nancy B., to Pennwalt Corporation. Tamper resistant and tamper evident sealed end cartons. 4,537,309, 8-27-85, Cl. 206-525.000.

Boos, Jurgen; Homersen, Achim; and Schirmag, Klaus-Peter, to Mannesmann Aktiengesellschaft. Traction device for buffering tubes. 4,505,692, 3-19-85, Cl. 474-111.000.

Boot, Deryck F., to Riker Laboratories, Inc. Process for preparing adrenochrome. 4,501,923, 2-26-85, Cl. 548-484.000.

Booth, Brian: *See—*
Fenton, Frank A.; Booth, Brian; Jones, Stanley P.; and Gennard, Derek, 4,557,744, Cl. 65-29.000.

Booth, Darcy L. Securing mechanism for container components and the like. 4,519,498, 5-28-85, Cl. 206-214.000.

Booth, Donald S., to Donaldson Company, Inc. Self-cleaning air cleaner assembly with rotating filter element and inertial pre-cleaner. 4,514,193, 4-30-85, Cl. 55-290.000.

Booth, Dwight E., to Warner Electric Brake & Clutch Company. Methods and apparatus for controlling the engagement of gap-type electromagnetic couplings. 4,509,091, 4-2-85, Cl. 361-154.000.

Booth, Eric, to National Research Development Corporation. Mobile chair with elevating seat. 4,545,616, 10-8-85, Cl. 297-320.000.

Booth, Ian K.; and Cunnane, Francis J., III, to Ascoe Felts, Inc. Papermakers superimposed felt with voids formed by removing yarns. 4,537,816, 8-27-85, Cl. 428-234.000.

Booth, Jerry N. Trolling control for boats. 4,527,983, 7-9-85, Cl. 440-7.000.

Booth, Martin: *See—*
Bleeker, Jan J.; Booth, Martin; van Grieken, Madeline G. F. M.; Krijnen, Wilhelmus J.; and van Wijngaarden, Gerhard D., 4,539,126, Cl. 252-39.000.

Booth, Michael R.: *See—*
Levchenko, Alec; and Booth, Michael R., 4,517,883, Cl. 98-115.300.

Booth, Nicholas H.; Hatch, Roger C.; and Crawford, Lester M., to University of Georgia Research Foundation, Inc. Antagonism of central nervous system drugs by the administration of 4-aminopyridine alone or in combination with other drugs. 4,508,715, 4-2-85, Cl. 514-280.000.

Booth, Raymond E.; and Miller, Michael E., to Sam Stein Associates, Inc. Breading machine. 4,496,084, 1-29-85, Cl. 222-282.000.

Booth, Ronald P., Sr., to Xerox Corporation. Copy processing system for a reproduction machine. 4,497,569, 2-5-85, Cl. 355-14.00R.

Booth, Stanley H.; and Flint, John C. E., to Commercial Hydraulics Gloucester Ltd. Vehicle steering system. 4,505,168, 3-19-85, Cl. 74-687.000.

Boothe, Nancy G.; and Potts, Anthony M., to Motorola, Inc. Belt clip assembly with a controlled failure mode. 4,536,925, 8-27-85, Cl. 24-511.000.

Boothman, David R., to General Electric Company. Rotor protection apparatus and method. 4,510,548, 4-9-85, Cl. 361-25.000.

Boothman, David R.; and Forde, John C., to General Electric Company. Electrical equipment protection apparatus and method. 4,544,982, 10-1-85, Cl. 361-96.000.

Boothroyd, Donald C.; and Norman, Robert W., Jr., to Honeywell Information Systems Inc. Data alignment circuit. 4,506,345, 3-19-85, Cl. 364-900.000.

Bootman, Matthew W.; Schillke, Peter; and Laguette, Stephen W., to American Hospital Supply Corporation. Wound drainage device of resilient sidewalls with a constant rate of recovery. 4,493,701, 1-15-85, Cl. 604-73.000.

Bootman, Matthew W.; and Yamamoto, Ronald K., to American Hospital Supply Corporation. Self-sealing subcutaneous injection site. 4,543,088, 9-24-85, Cl. 604-93.000.

Boots, Byron R.; and Lau, Buong P. Solution for cleaning and preserving plastic and metallic surfaces. 4,544,413, 10-1-85, Cl. 106-287.140.

Boots Company PLC, The: *See—*
Armitage, Bernard J.; and Donaldson, Margaret L., 4,501,727, Cl. 424-16.000.
Donnan, Jeremy F.; and Reed, David A., 4,526,572, Cl. 604-29.000.
Emms, Norman R., 4,492,316, Cl. 221-202.000.
Jeffery, James E.; Kozlik, Antonin; and Wilmshurst, Eric C., 4,522,828, Cl. 514-646.000.
Sim, Malcolm F.; and Yates, David B., 4,552,884, Cl. 514-312.000.
Stenzenberger, Horst, 4,520,145, Cl. 523-500.000.

Booty, Donald J. Electrical power track system. 4,533,190, 8-6-85, Cl. 339-21.00R.

Booz, A. David: *See—*
Claassen, Pamela L.; and Booz, A. David, 4,522,655, Cl. 106-290.000.
Ramser, Robert A.; Booz, A. David; Barch, Daniel R.; and Cebulak, Walter S., 4,548,768, Cl. 264-12.000.

Booz, George W.: *See—*
Thornton, Peter B.; Cone, Stanley H.; and Booz, George W., 4,557,968, Cl. 428-229.000.

Bopp & Reuther GmbH: *See—*
Bohm, Jurgen, 4,517,823, Cl. 73-3.000.

Bopp, Warren G., to Eaton Corporation. Viscous bypass coupling for torque converter. 4,493,406, 1-15-85, Cl. 192-58.00B.

Bopp, Warren G., to Eaton Corporation. Viscous coupling for torque converter bypass. 4,496,034, 1-29-85, Cl. 192-3.280.

Bopp, Warren G., to Eaton Corporation. Viscous bypass coupling for torque converter. 4,505,365, 3-19-85, Cl. 192-3.290.

Bopp, Warren G., to Eaton Corporation. Torque converter viscous bypass coupling with improved seal arrangement. 4,540,076, 9-10-85, Cl. 192-58.00B.

Boppel, Wolfgang: *See—*
Beisswenger, Siegfried; and Boppel, Wolfgang, 4,546,232, Cl. 219-121.0EJ.
Beisswenger, Siegfried; and Boppel, Wolfgang, 4,549,067, Cl. 219-121.0EK.

Bopst, John H., III. Adjustable and releasable accelerator pedal depressor system. 4,546,667, 10-15-85, Cl. 74-526.000.

Boquet, Patrice: *See—*
Duflot, Anabela; Gras, Helene; Tartar, Andre; Duflot, Edith; and Boquet, Patrice, 4,499,080, Cl. 514-12.000.

Bora, Nayana S.: *See—*
Ho, Ping-Pei; Gorin, Brian A.; and Bora, Nayana S., 4,509,817, Cl. 350-3.610.

Borbe-Wanner AG.: *See—*
  Berger, Zoltan, 4,558,827, Cl. 241-224.000.
Borbely, Gyula J.; Devuyst, Eric A.; Ettel, Victor A.; Mosoiu, Marcel A.; and Schitka, Konstantin J., to Inco Limited. Cyanide removal from aqueous streams. 4,537,686, 8-27-85, Cl. 210-713.000.
Borcenk, Frank; Forsythe, Jeffry A.; and Roe, Frank L., to Exxon Research & Engineering Co. Printhead mounting/demounting mechanism. 4,530,611, 7-23-85, Cl. 400-175.000.
Borch, Michael J.: *See—*
  Faust, James H.; and Borch, Michael J., 4,496,809, Cl. 200-61.45R.
Borchard, Heinz; Knothe, Herbert; and Rybka, Bruno, to TELDEC Telefunken-Decca-Schallplatten GmbH. Disc-shaped information carrier having a high storage density. 4,515,843, 5-7-85, Cl. 428-64.000.
Borchardt, Dieter. Lashing bar. 4,537,539, 8-27-85, Cl. 410-77.000.
Borchardt, John K.; and Young, Bill M., to Halliburton Company. Method of minimizing fines migration in a subterranean formation. 4,497,596, 2-5-85, Cl. 405-263.000.
Borchardt, John K., to Halliburton Company. Method of viscosifying aqueous fluids and process for recovery of hydrocarbons from subterranean formations. 4,508,629, 4-2-85, Cl. 252-8.55D.
Borchardt, John K., to Halliburton Company. Method of viscosifying aqueous fluids and process for recovery of hydrocarbons from subterranean formations. 4,524,003, 6-18-85, Cl. 252-8.55R.
Borchardt, John K., to Halliburton Company. Methods of minimizing fines migration in subterranean formations. 4,536,303, 8-20-85, Cl. 252-8.55R.
Borchardt, John K., to Halliburton Company. Methods of minimizing fines migration in subterranean formations. 4,536,304, 8-20-85, Cl. 252-8.55R.
Borchardt, John K.; and Young, Bill M., to Halliburton Company. Methods for stabilizing swelling clays or migrating fines in subterranean formations. 4,536,305, 8-20-85, Cl. 252-8 55R.
Borchardt, John K.; and Rao, S. Prabhakara, to Halliburton Company. High density well drilling, completion and workover brines, fluid loss reducing additives therefor and methods of use. 4,554,081, 11-19-85, Cl. 252-8.50A.
Borchardt, John K.; and Young, Bill M., to Halliburton Company. Methods of minimizing fines migration in subterranean formations. 4,558,741, 12-17-85, Cl. 166-275.000.
Borchert, Axel: *See—*
  Larsson, Per-Olof; Mosbach, Klaus; and Borchert, Axel, 4,532,232, Cl. 502-403.000.
Borchert, Wendall: *See—*
  Hoh, Thomas G.; Friedman, Bernard L.; Borchert, Wendall; and Nixon, Eugene H., Jr., 4,505,162, Cl. 74-41.000.
Borchert, Werner; and Nitsch, Klaus D. Device for separating solid particles of dirt from cooling water for power stations. 4,551,247, 11-5-85, Cl. 210-304.000.
Borck, Gordan T.: *See—*
  Huber, William J.; and Borck, Gordan T., 4,506,249, Cl. 337-232.000.
Bordages, John W., to Texaco Inc. Internal gripping pipe wrench. 4,499,799, 2-19-85, Cl. 81-446.000.
Bordat, Andre J. E., to Constructions Mecaniques de Normandie. Connections between dividing walls, particularly for the construction of boat hulls. 4,508,047, 4-2-85, Cl. 114-355.000.
Bordato, James M.: *See—*
  Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.
  Van Allen, Kent; and Bordato, James M., 4,492,281, Cl. 177-213.000.
Bordelon, Chester M.; Chin, Gilbert Y.; Jin, Sungho; Sherwood, Richard C.; and Wernick, Jack H., to AT&T Technologies, Inc.; and AT&T Bell Laboratories. Magnetically soft ferritic Fe-Cr-Ni alloys. 4,540,453, 9-10-85, Cl. 148-31.550.
Borden, Albert R., to United States of America, Energy. Multistrand superconductor cable. 4,529,837, 7-16-85, Cl. 174-128.00S.
Borden, Albert R., to United States of America, Energy. Method and apparatus for making superconductive magnet coils. 4,554,731, 11-26-85, Cl. 29-605.000.
Borden Company Limited, The: *See—*
  Chan, Lock-Lim; and Lau, Patrick W., 4,537,807, Cl. 428-74.000.
  Ho, Guan-Huei; and Liao, Chiang-Chang, 4,506,015, Cl. 435-175.000.
Borden, Inc.: *See—*
  Maxwell, John W.; and Vyse, Brian, 4,514,255, Cl. 162-9.000.
  Merritt, Carleton G.; Wingerd, Winston H.; and Keller, David J., 4,515,769, Cl. 424-49.000.
  Shiau, David W.; and Smith, Eric, 4,536,245, Cl. 156-307.300.
  Strout, Russell B.; and Golner, Jerold J., 4,522,348, Cl. 242-96.000.
  Williams, James H., 4,501,851, Cl. 524-542.000.
  Williams, James H., 4,530,713, Cl. 71-28.000.
Borden, Peter G., to Varian Associates, Inc. Three-terminal solar cell circuit. 4,513,168, 4-23-85, Cl. 136-244.000.
Borden, Raymond W., to Allied Corporation. Resettable disconnect device for rotating machines. 4,544,052, 10-1-85, Cl. 192-56.00R.
Border, Daniel R.: *See—*
  Waatti, Kurt J.; and Border, Daniel R., 4,540,715, Cl. 521-26.000.
Borders, Donald B.: *See—*
  Labeda, David P.; Goodman, Joseph J., Borders, Donald B.; Testa, Raymond T.; and Martin, John H. E. J., deceased, 4,534,970, Cl. 424-122.000.
  Lee, May D.; Martin, John H.; Borders, Donald B.; Yao, Raymond C.; and Testa, Raymond T., 4,499,075, Cl. 424-118.000.
  Lee, May D.; Borders, Donald B.; Labeda, David P.; Fantini, Amedeo A.; and Testa, Raymond T., 4,503,044, Cl. 514-2.000.
  Lee, Taikwang M.; Borders, Donald B.; Goodman, Joseph J.; Testa, Raymond T.; Maiese, William M.; and Labeda, David P., 4,551,533, Cl. 546-35.000.
  Martin, John H. E. J.; Kirby, Jane P.; Borders, Donald B.; Fantini, Amedeo A.; and Testa, Raymond T., 4,552,867, Cl. 514-18.000.
Bordet, Rene, to Electricite de France (Service National). Stacks or vertical pipes for the flow of gas. 4,520,600, 6-4-85, Cl. 52-83.000.
Bordet, Rene; Grovalet, Yves; Caudron, Lionel; and Diver, Marius, to Service National Electricite de France. Stack, particularly atmospheric cooling tower. 4,555,881, 12-3-85, Cl. 52-167.000.
Bordogna O. & C., Macpi S.p.A.: *See—*
  Cartabbia, Giovanni, 4,499,677, Cl. 38-28.000.
Bordon, Ernesto E., to Schlumberger Technology Corporation. Single-wire selective perforation system having firing safeguards. 4,527,636, 7-9-85, Cl. 175-4.550.
Bordon, Ernesto E., to Schlumberger Technology Corporation. Explosive charge safe-arming system. 4,561,356, 12-31-85, Cl. 102-202.100.
Bordoni, Maurice E.; and [illegible]rman, Ephraim. Disposable radioactive aerosol inhalation apparatus. [illegible]510,929, 4-16-85, Cl. 128-200.140.
Bordsen, Donald T.: *See—*
  Moore, David J.; B[illegible], [illegible]rry L.; Kurth, Duane G.; Bordsen, Donald T.; Honk[illegible], [illegible]hn R.; Todd, Bruce C.; and Malek, Robert M., 4,546,430, Cl. 364-200.000.
Borel, Georg, to Hermann Wangner GmbH & Co. KG. Two-ply screen for the sheet forming zone of a papermaking machine. 4,499,927, 2-19-85, Cl. 139-425.00A.
Borel, Georg, to Hermann Wangner GmbH & Co. KG. Composite fabric for use as clothing for the sheet forming section of a papermaking machine. 4,515,853, 5-7-85, Cl. 428-257.000.
Borel, Georg; and Waldvogel, Hartmut, to Hermann Wangner GmbH & Co. KG. Composite fabric for use as clothing for the sheet forming section of a papermaking machine. 4,554,953, 11-26-85, Cl. 139-383.00A.
Borella, Luis: *See—*
  Failli, Amedeo; and Borella, Luis, 4,529,731, Cl. 514-326.000.
Borella, Luis E.: *See—*
  Bagli, Jehan F.; Bogri, Tibor; Palameta, Bozidar; and Borella, Luis E., 4,542,140, Cl. 514-332.000.
Borelli, Riccardo: *See—*
  Bianchi, Gianfranco; Pierpaoli, Piero; Borelli, Riccardo; and Rainoldi, Luciano, 4,538,465, Cl. 73-722.000.
  Bianchi, Gianfranco; Borelli, Riccardo; and Pierpaoli, Piero, 4,559,829, Cl. 73-708.000.
Boremaster Precision Tool & Mfg.: *See—*
  Jacobson, Mark K.; and Belttari, Stanley C., 4,500,232, Cl. 408-153.000.
Borensztajn, Marek: *See—*
  Bialy, Jan; Penczek, Irena; Maczenski, Stanislaw; and Borensztajn, Marek, 4,556,699, Cl. 526-68.000.
Boret, Roger: *See—*
  Chaouloff, Michel; Bernicot, Michel; Douineau, Pierre; and Boret, Roger, 4,519,416, Cl. 137-488.000.
Borg, Arthur N.; and Mark, William J., to Zenith Electronics Corporation. Video monitor with automatic switching between RF and baseband video signals. 4,514,764, 4-30-85, Cl. 358-181.000.
Borg, Arthur N., to Zenith Electronics Corporation. TV Receiver with multiplexed microprocessor keyboard scanning and channel number display. 4,525,740, 6-25-85, Cl. 358-192.100.
Borg, Henry A., to United States of America, Army. Turret shaker mechanism. 4,507,086, 3-26-85, Cl. 434-29.000.
Borg, Sidney: *See—*
  Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr.; and Borg, Sidney, 4,500,428, Cl. 210-609.000.
Borg-Warner Chemicals, Inc.: *See—*
  Albertson, Clarence E., 4,557,809, Cl. 204-59.0QM.
  Falk, John C.; Jalbert, Ronald L.; and Khait, Klementina F., 4,491,649, Cl. 525-92.000.
  Falk, John C.; and Kliever, Leland B., 4,542,179, Cl. 524-432.000.
  Grant, Thomas S.; and Myers, Charles L., 4,496,690, Cl. 525-66.000.
  Halpern, Yuval; and Mott, Donna M., 4,491,644, Cl. 524-100.000.
  Halpern, Yuval, 4,518,795, Cl. 560-193.000.
  Halpern, Yuval; and Mott, Donna, 4,551,527, Cl. 544-214.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,501,838, Cl. 524-108.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,507,489, Cl. 549-375.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,511,725, Cl. 548-530.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,551,539, Cl. 548-412.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,551,540, Cl. 548-531.000.
  Valdiserri, Leo L.; and Woodbury, Richard P., 4,546,180, Cl. 544-214.000.
  Vaughan, James M., 4,524,179, Cl. 525-68.000.
  Walton, William B., 4,541,483, Cl. 166-263.000.
Borg-Warner Corporation: *See—*
  Albertson, Clarence E., 4,529,079, Cl. 192-107.00C.
  Albertson, Clarence E., 4,552,259, Cl. 192-107.00M.
  Aubel, John A.; Jenkins, Patrick A.; and Ruffner, Thomas S., 4,529,346, Cl. 411-117.000.
  Barr, Rodney E.; and Kochanek, George E., 4,507,973, Cl. 73-724.000.

  - Bock, Thomas J., 4,553,953, Cl. 474-201.000.
  - Boster, Clark S., 4,523,451, Cl. 73-37.600.
  - Bragg, Duncan D.; and Wentworth, Robert S., 4,537,385, Cl. 251-214.000.
  - Browne, Vance D.; and Kochanek, George E., 4,523,474, Cl. 73-724.000.
  - Butterfield, Roger P., 4,502,345, Cl. 74-336.00B.
  - Chang, Franklin S.; and Towers, James A., 4,503,099, Cl. 428-425.800.
  - Cole, Edward H., Jr., 4,507,106, Cl. 474-215.000.
  - Cole, Edward H., Jr.; and Ledvina, Timothy J., 4,512,754, Cl. 474-245.000.
  - Ferris, Ernest A.; and McColl, John W., 4,520,912, Cl. 192-85.0AA.
  - Fogelberg, Mark J., 4,531,423, Cl. 74-475.000.
  - Fogelberg, Mark J., 4,561,520. Cl. 180-247.000.
  - Fox, Clarence D.; and Baron, Tibor, 4,522,371, Cl. 251-139.000.
  - Fox, Clarence D., 4,534,375, Cl. 137-82.000.
  - Habel, Paul A.; and Kulczycki, Elaine S., 4,555,009, Cl. 192-106.200.
  - Haley, William J.; and Neumann, Guenter J., 4,515,255, Cl. 192-3.570.
  - Haley, William J., 4,522,086, Cl. 74-867.000.
  - Hansen, John C.; and Johnson, Lloyd A., 4,539,632, Cl. 364-143.000.
  - Harnish, James R., 4,498,622, Cl. 236-25.00R.
  - Harnish, James R., 4,517,807, Cl. 62-156.000.
  - Harnish, James R., 4,558,818, Cl. 236-25.00R.
  - Hoadley, Frederick L., 4,521,840, Cl. 363-35.000.
  - Huntley, Peter, 4,498,892, Cl. 474-242.000.
  - Jenkins, Patrick A.; and Ferguson, Donald A., 4,515,012, Cl. 73-168.000.
  - Jenkins, Patrick A., 4,555,952, Cl. 73-861.470.
  - Jenkins, Patrick A., 4,561,408, Cl. 123-571.000.
  - Kountz, Kenneth J.; and Erth, Richard A., 4,546,618, Cl. 62-201.000.
  - Lamarche, Paul E., 4,530,673, Cl. 464-64.000.
  - Lamarche, Paul E., 4,533,032, Cl. 192-107.00M.
  - Laster, Walter R., 4,516,964, Cl. 474-245.000.
  - Lech, Thaddeus, Jr.; and Popchock, Richard T., 4,502,582, Cl. 192-85.0AA.
  - Lech, Thaddeus, Jr.; and Frantz, Robert A., 4,548,302, Cl. 192-106.200.
  - Lech, Thaddeus, Jr., 4,548,311, Cl. 192-106.200.
  - Lech, Thaddeus, Jr.; and Schmitz, Paul L., 4,553,655, Cl. 192-106.200.
  - Lech, Thaddeus, Jr., 4,556,136, Cl. 192-106.200.
  - Ledvina, Timothy J.; and Mead, Robert H., 4,509,323, Cl. 59-8.000.
  - Ledvina, Timothy J.; and Mead, Robert H., 4,509,937, Cl. 474-213.000.
  - Martinez, Angel C., 4,558,870, Cl. 277-15.000.
  - McIntosh, Arthur M., 4,561,529, Cl. 192-56.00R.
  - Mott, Philip J., 4,504,246, Cl. 474-8.000.
  - Mott, Philip J.; and Gallaher, Kenneth R., 4,510,962, Cl. 137-102.000.
  - Mott, Philip J., 4,516,963, Cl. 474-245.000.
  - Mott, Philip J., 4,516,965, Cl. 474-245.000.
  - Mott, Philip J., 4,517,877, Cl. 91-48.000.
  - Norbeck, Dean K.; and Schnetzka, Harold R., 4,554,463, Cl. 307-252.00H.
  - Roberts, Richard W., 4,505,016, Cl. 29-156.50R.
  - Roberts, Richard W., 4,505,653, Cl. 418-23.000.
  - Roberts, Richard W., 4,506,648, Cl. 123-564.000.
  - Roberts, Richard W., 4,516,91[illegible], Cl. 418-23.000.
  - Roberts, Richard W., 4,543,043, Cl. 417-222.000.
  - Roberts, Richard W., 4,548,254, Cl. 164-112.000.
  - Schnetzka, Harold R.; Wills, Frank E.; and Norbeck, Dean K., 4,499,534, Cl. 363-129.000.
  - Shaffer, Jacob E., Jr.; and Picarello, Joseph F., 4,540,874, Cl. 219-279.000.
  - Shaffer, Jacob E., Jr.; Reier, John C.; and Tome, Frederick C., Jr., 4,543,468, Cl. 219-279.000.
  - Smirl, Richard L., 4,526,559, Cl. 474-201.000.
  - Studtmann, George H., 4,511,834, Cl. 318-700.000.
  - Studtmann, George H., 4,511,835, Cl. 318-700.000.
  - Sturges, Fred D., 4,535,879, Cl. 192-52.000.
  - Sturges, Fred D., 4,546,742, Cl. 123-41.050.
  - Sturges, Fred D., 4,555,910, Cl. 62-184.000.
  - Swain, James C., 4,526,560, Cl. 474-242.000.
  - Venema, Harry J., 4,550,595, Cl. 73-116.000.
  - Wargin, Robert V., 4,539,240, Cl. 428-64.000.
  - Wentworth, Robert S., 4,509,773, Cl. 277-82.000.
  - Wentworth, Robert S., 4,557,489, Cl. 277-65.000.
  - Wiese, Winfred J., 4,511,149, Cl. 277-3.000.
  - Winter, Rudolph R.; and Propst, Verle V., 4,553,313, Cl. 29-568.000.
- Borg-Warner Limited: *See—*
  - Foley, Peter N.; and Turbard, Alan M., 4,517,810, Cl. 62-186.000.
- Borgeaud, Roger: *See—*
  - Padly, Yvan; and Borgeaud, Roger, 4,511,589, Cl. 426-521.000.
- Borgerding, Robert E.: *See—*
  - Barlow, Anthony; Schlossman, Irwin S.; and Borgerding, Robert E., 4,499,013, Cl. 252-567.000.
- Borgert, Bernhard; and Liche, Udo, to Braas & Co. Sealing strip. 4,544,593, 10-1-85, Cl. 428-80.000.
- Borggrefe, Gerhard; and Hase, Christian, to Henkel Kommanditgesellschaft auf Aktien. Preparation of stable oil-in-water emulsions of high oil content. 4,536,325, 8-20-85, Cl. 252-314.000.
- Borghi, Angelo; Pallanza, Rosa; Coronelli, Carolina; and Cassani, Giovanni, to Gruppo Lepetit S.p.A. Teichomycin A_2 pure single factors 1, 2, 3, 4 and 5 and method for their production. 4,542,018, 9-17-85, Cl. 424-119.000.
- Borgia, Joseph, V. Winch for safely lowering a person at a controlled rate. 4,493,396, 1-15-85, Cl. 182-238.000.
- Borgmeyer, Virgil L.; Galloway, Dudley L.; Sonnenberg, Gary N.; Gruczka, Jan S.; and Owen, Timothy C., to Westinghouse Electric Corp. Padmounted transformer enclosure. 4,533,786, 8-6-85, Cl. 174-50.000.
- Borgnat, Daniel: *See—*
  - Chrysostome, Gerard; and Borgnat, Daniel, 4,544,020, Cl. 165-1.000.
  - Chrysostome, Gerard; and Borgnat, Daniel, 4,552,203, Cl. 165-1.000.
- Borgner, Klaus: *See—*
  - Grun, Gustav; and Borgner, Klaus, 4,543,029, Cl. 414-412.000.
- Borgonovo, Flaminio: *See—*
  - Tobagi, Fouad A.; Fratta, Luigi; and Borgonovo, Flaminio, 4,503,533, Cl. 370-85.000.
- Borgschulte, Fritz: *See—*
  - Trumper, Thomas; Schoop, Gunther-Dietmar; Borgschulte, Fritz; and Krummnack, Friedrich, 4,515,410, Cl. 299-43.000.
- Bories, Jean-Louis: *See—*
  - Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, 4,547,834, Cl. 361-386.000.
- Borio, Donald C.; Borio, Richard W.; Hale, Gilbert L.; Mehta, Arun K.; and Tyler, Arnold L., to Combustion Engineering, Inc. Integrated coal cleaning process. 4,552,077, 11-12-85, Cl. 110-347.000.
- Borio, Richard W.: *See—*
  - Borio, Donald C.; Borio, Richard W.; Hale, Gilbert L.; Mehta, Arun K.; and Tyler, Arnold L., 4,552,077, Cl. 110-347.000.
- Boris, Alfred: *See—*
  - Baggiolini, Enrico G.; Batcho, Andrew D.; Boris, Alfred; and Uskokovic, Milan R., 4,508,651, Cl. 260-397.200.
- Boris, Allen J.: *See—*
  - Lockard, Walter G.; Patel, Nathalal G.; and Boris, Allen J., 4,555,121, Cl. 280-30.000.
- Borisch, Donald J.; Hanrahan, Gary V.; and Merritt, Herbert E., to Cincinnati Milacron Inc. Machine operation monitor. 4,536,849, 8-20-85, Cl. 364-550.000.
- Borisenko, Alexandr G.: *See—*
  - Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.
- Borish, Jeffrey G.; and Ewy, M. Dale, to Signal Research Laboratory. Audio ambience simulator. 4,535,474, 8-13-85, Cl. 381-61.000.
- Borisoff, David J. String bender attachment construction. 4,535,670, 8-20-85, Cl. 84-312.00R.
- Borja, Jesus, to Illinois Tool Works Inc. Strain relief. 4,493,467, 1-15-85, Cl. 248-56.000.
- Borjesson, Per O.: *See—*
  - Salomonsson, Goran; Borjesson, Per O.; Mandersson, Bengt; Holmer, Nils-Gunnar; and Lindstrom, Kjell, 4,520,670, Cl. 73-602.000.
- Borjesson, Staffan; and Rosengren, Hans. Magazine device with suction boxes. 4,529,300, 7-16-85, Cl. 355-73.000.
- Bork, Carl R., Jr.; Steiss, William C.; Tobbe, William P.; Shufflebarger, Earl D.; Matousek, Stephen; and Gardner, Thomas J., to Nupro Company. Pressure relief valve. 4,530,373, 7-23-85, Cl. 137-516.290.
- Bork, Robert L. Apparatus for supporting vehicle body parts. 4,530,492, 7-23-85, Cl. 269-17.000.
- Borken, Richard J.: *See—*
  - Lo, Saukwan; and Borken, Richard J., 4,553,032, Cl. 250-339.000.
- Borkowski, Robert A.: *See—*
  - Luening, Alan R.; and Borkowski, Robert A., 4,558,849, Cl. 254-134.000.
- Borland, Wayne R. Backgammon board game for three players. 4,556,221, 12-3-85, Cl. 273-248.000.
- Borland, William, to Engelhard Corporation. Ceramic multilayer electrical capacitors. 4,520,422, 5-28-85, Cl. 361-305.000.
- Borlinghaus, Hans J.: *See—*
  - Colautti, Albert J.; and Borlinghaus, Hans J., 4,509,382, Cl. 74-424.80R.
- Borm, Winfried: *See—*
  - Hahn, Helmuth; Cordt, Werner; and Borm, Winfried, 4,539,683, Cl. 371-15.000.
- Borman, August H.; and Koivunen, Erkki A., to General Motors Corporation. Controlled valving for a dual pump system. 4,514,147, 4-30-85, Cl. 417-288.000.
- Borman, August H., to General Motors Corporation. Control valving for a variable capacity pump. 4,527,958, 7-9-85, Cl. 417-213.000.
- Borman, Willem F. H.; and Semen, John, to General Electric Company. Enhancement of ethylene-vinyl acetate adhesion to polyester sheet by post-reaction. 4,530,878, 7-23-85, Cl. 428-334.000.
- Bormann, Dieter: *See—*
  - Merkel, Wulf; Bormann, Dieter; and Muschaweck, Roman, 4,492,710, Cl. 424-274.000.
- Bormann, Gerhard, to Sandoz Ltd. 2(1H)-Pyridinone derivatives, their preparation and pharmaceutical compositions containing them. 4,530,842, 7-23-85, Cl. 514-344.000.

Bormioli, Giorgio. Sequential operation device for controlled members. 4,501,294, 2-26-85, Cl. 137-624.130.

Bormioli, Giorgio. Ball valve with rotary-translatory movement for fluid products at very high or very low temperature. 4,509,718, 4-9-85, Cl. 251-163.000.

Bormioli, Pier L., to Vetreria Padana Polesana, S.p.A. Glass storage jar. 4,520,937, 6-4-85, Cl. 215-10.000.

Born, Eberhard: See—

Kotulla, Bernhard; Weiser, Martin; Fuhrn, Jurgen; Press, Lothar; Schmidt, Rudolf; and Born, Eberhard. 4,501,516, Cl. 405-260.000.

Born, Gerald W.: See—

Anway, Kenneth L., and Born, Gerald W. 4,518,558, Cl. 264-515.000.

Born, Raymond W. Rotor and screw elevator equipped with a fail-safe control system. 4,548,298, 10-22-85, Cl. 187-25.000.

Born, Siegfried, to Hauni-Werke Korber & Co. KG. Apparatus for severing rod-shaped articles of the tobacco processing industry. 4,554,931, 11-26-85, Cl. 131-84.400.

Bornancini, Jose C. M., to Forjas Taurus S.A. Pressable latch for semiautomatic pistol magazines, adaptable for use by left-handed persons. 4,539,770, 9-10-85, Cl. 42-7.000.

Bornatsch, Wolfgang; Kuth, Robert; and Perrey, Hermann, to Bayer Aktiengesellschaft. Solid dyestuff formulations containing ethylenically unsaturated acid, ester and acrylonitrile copolymer. 4,502,863, 3-5-85, Cl. 8-524.000.

Borne, Andre; Warmonier, Andre; and Ruiz, Ariel, to CGEE Alsthom. Cable clamping device. 4,526,435, 7-2-85, Cl. 339-103.00C.

Borne, Andre; and Heng, Jean-Paul, to CGEE Alsthom. Versatile electric connector. 4,561,712, 12-31-85, Cl. 339-33.000.

Borneman, Paul R., and Hill, James B., to Allegheny Ludlum Steel Corporation. Work-hardenable substantially austenitic stainless steel and method. 4,533,391, 8-6-85, Cl. 75-128.00A.

Bornemann, Dietrich E.: See—

Altepping, Josef; and Bornemann, Dietrich E. 4,514,463, Cl. 428-286.000.

Bornemann, Hans-Joachim; and Zan, Horst, to Thyssen Industrie Aktiengesellschaft. Mixer for continuously mixing granular to powdery materials. 4,518,262, 5-21-85, Cl. 366-156.000.

Borner, Roland; Holstein, Herbert; and Sennewald, Jurgen, to Oswald Forst Maschinenfabrik und Apparatebauanstalt GmbH & Co. KG. Scanning finger for a scanning device of a machine for the automatic sharpening of broaching or reaming tools. 4,495,732, 1-29-85, Cl. 51-165.00R.

Borner, Roland; and Holstein, Herbert, to Oswald Forst Maschinenfabrik und Apparatebauanstalt GmbH & Co. KG. Scanning device for a machine for the automatic sharpening of broaching or reaming tools. 4,514,935, 5-7-85, Cl. 51-165.00R.

Borner, Willy; and Jackson, Bernie F. Slow speed dynamic wheel balancer. 4,507,964, 4-2-85, Cl. 73-462.000.

Bornhauser, Heinz K. Hair curler. 4,498,489, 2-12-85, Cl. 132-40.000.

Borning, Jeffrey W.: See—

Brenke, Carl D., and Borning, Jeffrey W. 4,518,110, Cl. 228-21.000.

Bornowski, Gunter: See—

Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knape, Andreas; Koch, Roland; Urbach, Bernd; and Wesselberg, Arnold. 4,500,764, Cl. 219-59.100.

Bornsaeger, S. Richard: See—

Matthews, Billie J., and Bornsaeger, S. Richard. 4,505,705, Cl. 604-385.00R.

Bornstein, Jonathan G., and Friedman, Peter S., to OHR, Incorporated. Lighting system combining daylight concentrators and an artificial source. 4,539,625, 9-3-85, Cl. 362-32.000.

Bornstein, Michael, to Metromail Corporation. Bow spring detector for gripper mechanism. 4,531,726, 7-30-85, Cl. 271-263.000.

Bornzin, Gene A., to Medtronic, Inc. Low-polarization low-threshold electrode. 4,502,492, 3-5-85, Cl. 128-785.000.

Bornzin, Gene A.: See—

Kallok, Michael J., and Bornzin, Gene A. 4,499,907, Cl. 128-786.000.

Boro Recycling Center, Inc.: See—

Hemmerich, Henry R. 4,557,361, Cl. 241-41.000.

Borodin, Daniel J., to U.S. Automation Company. Cam-actuated robotic manipulator system. 4,527,446, 7-9-85, Cl. 74-828.000.

Borodovsky, Yan A., to Advanced Micro Devices, Inc. Method for making integrated circuit devices using a layer of indium arsenide as an antireflective coating. 4,529,685, 7-16-85, Cl. 430-311.000.

Borodulin, German; Shkolnik, Alexander; and Baron, Raphael. Portable solar water heater. 4,552,125, 11-12-85, Cl. 126-437.000.

Boromyak, Imre; and Gyorkhegyi, Laszlo, to Kozponti Valto es Hitelbank RT. Plate for columns performing distillation and/or absorption processes. 4,532,087, 7-30-85, Cl. 261-114.00P.

Borns, John, to Rockwell International Corporation. Flexible circuit board interconnect having low thermal conductivity. 4,509,095, 4-2-85, Cl. 361-386.000.

Boros, Laszlo: See—

Szajani, Bela; Kiss, Ignacne; Ivony, Jozsefne; Huber, Iren; Boros, Laszlo; and Daroczi, Ivan. 4,552,214, Cl. 435-228.000.

Boroschewski, Gerhard; and Arndt, Friedrich, to Schering Aktiengesellschaft. Diurethanes and selective herbicidal agent containing them. 4,537,622, 8-27-85, Cl. 71-108.000.

Boross, Laszlo; Szajani, Bela; and Kovacs, Kamilla, to Reanal Finomvegyszergyar. Immobilized cholinesterase enzyme preparations and a process for the preparation thereof. 4,556,637, 12-3-85, Cl. 435-181.000.

Borovcova, Zelmira: See—

Stenkal, Alois; Havranek, Zdenek; Stepanek, Miroslav; Hrdina, Jan; Caha, Frantisek; Borovcova, Zelmira; and Slingr, Jaroslav. 4,527,384, Cl. 57-404.000.

Borovian, Gayle E., to Lever Brothers Company. Synergistic preservative compositions. 4,499,071, 2-12-85, Cl. 424-78.000.

Borovian, Gayle E., to Lever Brothers Company. Synergistic preservative compositions. 4,540,570, 9-10-85, Cl. 424-78.000.

Borovian, Gayle E., to Lever Brothers Company. Synergistic preservative compositions. 4,555,400, 11-26-85, Cl. 424-78.000.

Borovicka, David A., Sr., to SCM Corporation. Method of producing low temperature cure latexes. 4,540,735, 9-10-85, Cl. 524-512.000.

Borovsky, Simcha: See—

Hillel, Arie; and Borovsky, Simcha. 4,496,351, Cl. 604-250.000.

Hillel, Arie; and Borovsky, Simcha. 4,507,112, Cl. 604-65.000.

Borowick, John: See—

Bayha, William T.; Borowick, John; Stern, Richard A.; and Babbitt, Richard W. 4,516,131, Cl. 343-785.000.

Borowski, Ralph J.: See—

Walewajes, David; Soriano, David S.; and Borowski, Ralph J. 4,548,763, Cl. 260-989.000.

Borowski, Stanley J., and Post, Thomas A., to SmithKline Beckman Corporation. Method for preparing 6-chloro-N-methyl-2,3,4,5-tetrahydro-1H-3-benzazepine. 4,541,954, 9-17-85, Cl. 260-239.0BB.

Borowy, Dennis M.; Crotty, Charles A.; Perrins, Allen R.; and Setlak, Peter, Jr., to Superior Electric Company, The. Line voltage monitor system. 4,558,275, 12-10-85, Cl. 324-[illegible].

Borozdinov, Gennady M.: See—

Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor L.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, Jury M.; Svirin, Jury A.; and Titov, Boris V. 4,491,314, Cl. 272-63.000.

Borrelli, Nicholas F.; Keck, Donald B.; Morse, David L.; and Sachenik, Paul A., to Corning Glass Works. Integral optical imaging devices using grin lens systems. 4,501,468, 2-26-85, Cl. 350-96.250.

Borrelli, Nicholas F.; Morse, David L.; and Sachenik, Paul A., to Corning Glass Works. Integral photosensitive optical device and method. 4,514,053, 4-30-85, Cl. 350-162.200.

Borrelli, Nicholas F., and Trotter, Donald M., to Corning Glass Works. Optical device and method. 4,518,222, 5-21-85, Cl. 350-167.000.

Borrelli, Nicholas F.; Hares, George B.; Smith, Dennis W.; and Wedding, Brent M., to Corning Glass Works. Colored photochromic glasses and method. 4,537,612, 8-27-85, Cl. 65-30.110.

Borrelli, Nicholas F.: See—

Beall, George H.; Borrelli, Nicholas F.; and Morse, David L. 4,526,873, Cl. 501-5.000.

Borrello, Gaetano; Lyon, Richard F.; and Bell, Alan G., to Xerox Corporation. Data and clock recovery system for data communication controller. 4,513,427, 4-23-85, Cl. 375-110.000.

Borrello, Gaetano: See—

Bell, Alan G.; Lyon, Richard F.; and Borrello, Gaetano. 4,494,021, Cl. 307-591.000.

Borrman, Bo; and Ode, Bengt, to AB Asea-Atom. Fuel assembly with a top plate arranged above the upper end surfaces of the fuel rods. 4,499,047, 2-12-85, Cl. 376-434.000.

Borrman, Bo; Hellman, Erik; Ode, Bengt; and van Santen, Aart, to AB Asea-Atom. Fuel assembly. 4,514,358, 4-30-85, Cl. 376-362.000.

Borrman, Bo; Lenne, Lars; Nylund, Olov; and Ode, Bengt, to AB Asea-Atom. Fuel assembly for a boiling water reactor. 4,526,744, 7-2-85, Cl. 376-440.000.

Borrman, Bo; and Poggioli, Roberto, to AB Asea Atom. Flexible annular metallic sealing device. 4,553,764, 11-19-85, Cl. 277-236.000.

Borroni, Andrea, to Societa Cavi Pirelli S.p.A. Method and apparatus for laying-up cores of a multi-core electric cable. 4,519,197, 5-28-85, Cl. 57-66.000.

Borroughs Tool & Equipment Corporation: See—

Okamura, James K. 4,515,376, Cl. 277-9.500.

Borrow, Edgar W. Apparatus for mixing milk with flavoring and fluoride. 4,509,863, 4-9-85, Cl. 366-162.000.

Borsa, Andrew J.: See—

Stapleford, Gary N., and Borsa, Andrew J. 4,523,881, Cl. 370-72.000.

Borsanyi, Alexander S.; and Bobo, Donald E., to American Hospital Supply Corporation. Linear peristaltic pumping apparatus and disposable cassette therefor. 4,493,706, 1-15-85, Cl. 604-153.000.

Borsenberger, Paul M., to Eastman Kodak Company. Method for the manufacture of photoconductive insulating elements with a broad dynamic exposure range. 4,540,647, 9-10-85, Cl. 430-128.000.

Borsh, Richard J.: See—

Neff, Steven W., and Borsh, Richard J. 4,494,779, Cl. 285-159.000.

Borsig, Eberhard: See—

Voigt, Otto; and Borsig, Eberhard. 4,521,308, Cl. 528-290.000.

Borsig GmbH: See—

Kehrer, Wolfgang. 4,561,496, Cl. 165-103.000.

Malewski, Werner; and Schildorff, Gunther. 4,505,133, Cl. 62-476.000.

Nassauer, Konrad. 4,527,761, Cl. 248-128.000.

Borsodi, Istvan: See—

Fulk, Robert A., and Borsodi, Istvan. 4,556,254, Cl. 162-105.000.

Borson, Bruno, to Nordica S.p.A. Adjusting device particularly for ski boots. 4,523,395, 6-18-85, Cl. 36-119.000.

Borsoveczky, Eva: See—

Sipos, Istvan; Vamos, Gyorgy; Urmosy, Miklos; Simon nee Kovecses, Barbara; Zempleni nee Papp, Eva; Borsoveczky, Eva; and Barta, Laszlo. 4,491,530, Cl. 426-547.000.

Borst, Erich; Schadlich, Fritz; and Stabler, Manfred, to Robert Bosch GmbH. Electric power machine with protection against overspeed. 4,516,045, 5-7-85, Cl. 310-68.00E.

Borst, Gary M.: *See—*
Ware, Warren O.; Borst, Gary M.; and Abitz, Ronald E., 4,492,169, Cl. 108-6.000.

Borst, Gaylord M.; and Walsworth, Frank J., to Outboard Marine Corporation. Fluid pressure actuated motor with pneumatically-coupled pistons. 4,552,101, 11-12-85, Cl. 123-73.0AD.

Borst, Paul H.: *See—*
Johnson, Bruce S.; and Borst, Paul H., 4,538,723, Cl. 206-3.000.

Borsuk, Alvin: *See—*
Mally, Timothy G.; Rattmann, James A.; and Borsuk, Alvin, 4,532,751, Cl. 53-396.000.

Borsuk, Gerald M.; Chesson, Edwin E.; Beard, Jerome C.; and Lisle, Thomas K., Jr., to Westinghouse Electric Corp. Simultaneous sampling dual transfer channel charge coupled device. 4,521,896, 6-4-85, Cl. 377-60.000.

Borsuk, Gerald M.: *See—*
Fogarty, John D.; and Borsuk, Gerald M., 4,547,802, Cl. 358-119.000.

Borsuk, Leslie M., to International Telephone and Telegraph Corporation. Audible indicator for a connector. 4,496,213, 1-29-85, Cl. 350-96.220.

Borsuk, Leslie M.; and Corrales, Patrick G., to International Telephone and Telegraph Corporation. Fiber optic contact retention assembly. 4,516,829, 5-14-85, Cl. 350-96.200.

Borta, Ronald. Autogrammer. 4,536,840, 8-20-85, Cl. 364-300.000.

Bortfeld, Manfred; Schieber, Eberhard; and Dietzsch, Gunter, to Andreas Stihl. Safety arrangement for a hand-held, power-driven portable tool. 4,543,723, 10-1-85, Cl. 30-381.000.

Borthwick, Alan D.: *See—*
Crame, Andrew J.; and Borthwick, Alan D., 4,496,579, Cl. 514-411.000.

Bortnick, Kenneth A. Tan-through wearing apparel and process for making the same. 4,546,493, 10-15-85, Cl. 2-67.000.

Bortnik, John F.; Clayman, Donald A.; and Baker, Scott A., to Elkem Metals Company. System for recycling fines to hollow electrode. 4,491,568, 1-1-85, Cl. 423-442.000.

Bortnyk, George P.: *See—*
Mosley, William H., Jr.; Sanders, David E.; and Bortnyk, George P., 4,530,103, Cl. 375-1.000.

Bortolani, Ermanno; Brembilla, Sandro; and Vassarotti, Enzo, to W. R. Grace & Co., Cryovac Div. Vacuum packaging. 4,537,011, 8-27-85, Cl. 53-509.000.

Bortolussi, Gerard, to Societe Anonyme Automobiles Peugeot; and Societe Anonyme Automobiles Citroen. Bearing cap for an overhead cam-shaft of an internal combustion engine. 4,497,289, 2-5-85, Cl. 123-90.270.

Bortz, Botho; and Wulfes, Erwin, to Volkswagenwerk Aktiengesellschaft. Energy-dissipatingly flexible knee-restraining element. 4,518,172, 5-21-85, Cl. 280-751.000.

Bortzfield, Frank M.: *See—*
Blossick, Raymond B.; Bortzfield, Frank M.; Brown, Kenneth E.; Herr, Joseph H.; and Rannels, Gerald L., 4,546,574, Cl. 51-170.00T.

Borucki, Gregory J.: *See—*
Cecchi, Marino; Borucki, Gregory J.; and Happ, Lawrence R., 4,533,092, Cl. 242-186.000.

Borucki, John S.: *See—*
Vukmanic, Ronald W.; Borucki, John S.; and Stanley, Chester A., 4,525,973, Cl. 52-667.000.
Vukmanic, Ronald W.; Borucki, John S.; and Stanley, Chester A., 4,549,383, Cl. 52-667.000.

Borup, Alf L.; and Astrom, Erik G., to Swedish Rail System AB SRS. Method and apparatus for dispensing a working substance such as a lubricant. 4,520,901, 6-4-85, Cl. 184-3.100.

Borvendeg, Janos: *See—*
Orban, Erno ; Borvendeg, Janos; Nagy, Laszlo; Sotinee Tolvay, Marta; and Bander, Erzsebet, 4,539,199, Cl. 424-22.000.

Boryta, Daniel A.; and Nabighian, Misac N., to Foote Mineral Company. Method for determining a leak in a pond liner of electrically insulating sheet material. 4,543,525, 9-24-85, Cl. 324-54.000.

Boryung Pharmaceutical Co., Ltd.: *See—*
Kim, Don K., 4,556,516, Cl. 260-239.100.

Borza, John S.: *See—*
Drutchas, Gilbert H.; and Borza, John S., 4,550,597, Cl. 73-118.000.

Borzatta, Valerio; Cristofori, Manlio; Morotti, Mauro; and Mascellani, Giuseppe, to Alfa Farmaceutici S.p.A. Derivatives of benzoylphenoxyalkanoic acids having normolipemizing activity. 4,515,809, 5-7-85, Cl. 514-533.000.

Borzym, Alexander: *See—*
Borzym, John J.; and Borzym, Alexander, 4,499,803, Cl. 83-319.000.

Borzym, John J.; and Borzym, Alexander, to Alpha Industries, Inc. Double cut die set with improved pull-across notching feature. 4,499,803, 2-19-85, Cl. 83-319.000.

Borzym, John J. Cutoff die set seat accelerator using rotary to linear motion converter. 4,542,670, 9-24-85, Cl. 83-295.000.

Bosch, Erhard: *See—*
Kreuzer, Franz-Heinrich; Glauberman, Gisela; and Bosch, Erhard, 4,511,728, Cl. 556-419.000.
Kreuzer, Franz-Heinrich; Glauberman, Gisela; and Bosch, Erhard, 4,552,942, Cl. 528-34.000.

Bosch, Fridolin L.; and Swan, Clarence B., to AT&T Bell Laboratories. Laser driving means. 4,539,686, 9-3-85, Cl. 372-26.000.

Bosch, Hans: *See—*
Heyland, Sven; Fournet, Gaston; and Bosch, Hans, 4,544,568, Cl. 426-650.000.

Bosch, Hubert, to Schertler, Siegfried. Vacuum gate valve. 4,560,141, 12-24-85, Cl. 251-167.000.

Bosch, Martin A.; and Lemons, Ross A., to AT&T Bell Laboratories. Electrically biased optical storage medium. 4,509,145, 4-2-85, Cl. 365-112.000.

Bosch, Russell H.: *See—*
Teerman, Richard F.; Bosch, Russell H.; and Wirth, Ricky C., 4,550,875, Cl. 239-88.000.

Bosch-Siemens Hausgerate GmbH: *See—*
Bredel, Walter; Schenetin, Norbert; and Waigand, Helmut, 4,493,979, Cl. 219-446.000.
Bruchmuller, Hans-George, 4,532,806, Cl. 73-579.000.
Deininger, Anton; Nelzow, Hartmann; and Farber, Karlheinz, 4,533,070, Cl. 222-439.000.
Farber, Karlheinz; and Nelzow, Hartmann, 4,496,080, Cl. 222-129.300.
Nelzow, Hartmann; Karlheinz, Farber; and Deininger, Anton, 4,496,078, Cl. 222-87.000.
Speckhart, Max, 4,520,703, Cl. 83-478.000.

Boschetti, Enrica. Vaginal device for contraceptive control. 4,497,317, 2-5-85, Cl. 128-127.000.

Boschi, Alide, to Vitro Tec Fideicomiso. Multiple-drop feeding system of molten glass and of other materials. 4,557,747, 12-10-85, Cl. 65-328.000.

Boschi, Pier M.; Gozzo, Franco; and Longoni, Angelo, to Montedison S.p.A. Phosphoric and thiophosphoric esters of 5(3)-hydroxypyrazoles exerting an insecticidal action. 4,492,690, 1-8-85, Cl. 424-200.000.

Boschi, Pier M.: *See—*
Di Toro, Vincenzo; Gozzo, Franco; and Boschi, Pier M., 4,501,916, Cl. 560-180.000.

Boschman, Everardus H., to Arbo Gereedschapsmakerij B.V. Mould for encapsulating parts of elements into a plastic material. 4,546,951, 10-15-85, Cl. 249-95.000.

Boschung, Andre: *See—*
Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, 4,543,429, Cl. 568-446.000.

Boschung, Marcel; and Zehnder, Walter, to Boschung Mecatronic AG. Electromagnetically controllable spray valve and spray system. 4,557,420, 12-10-85, Cl. 239-66.000.

Boschung Mecatronic AG: *See—*
Boschung, Marcel; and Zehnder, Walter, 4,557,420, Cl. 239-66.000.

Bosco, Peter M.: *See—*
Danielson, Robert L.; Bosco, Peter M.; and Steensen, Wayne L., 4,504,512, Cl. 426-579.000.
Wilson, Mildred N.; Danielson, Robert L.; Bosco, Peter M.; and Steensen, Wayne L., 4,518,622, Cl. 426-578.000.

Bose, Amar G., to Bose Corporation. Feedback control. 4,494,074, 1-15-85, Cl. 330-109.000.

Bose, Amar G., to Bose Corporation. Fixed bandpass tone controlling. 4,538,298, 8-27-85, Cl. 381-98.000.

Bose, Amar G., to Bose Corporation. Multiple porting loudspeaker systems. 4,549,631, 10-29-85, Cl. 181-155.000.

Bose Corporation: *See—*
Bose, Amar G., 4,494,074, Cl. 330-109.000.
Bose, Amar G., 4,538,298, Cl. 381-98.000.
Bose, Amar G., 4,549,631, Cl. 181-155.000.

Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., to Allied Corporation. Process for joining together two or more metal parts using a homogeneous low melting point copper based alloys. 4,497,429, 2-5-85, Cl. 228-263.180.

Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., to Allied Corporation. Brazing method using homogeneous low melting point copper based alloys. 4,497,430, 2-5-85, Cl. 228-263.180.

Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., to Allied Corporation. Method of brazing with nickel based alloy. 4,508,257, 4-2-85, Cl. 228-263.130.

Bose, Debasis; Datta, Amitava; DeChristofaro, Nicholas J.; and Henschel, Claude, to Allied Corporation. Homogeneous, ductile cobalt based hardfacing foils. 4,515,868, 5-7-85, Cl. 428-656.000.

Bose, Debasis; Datta, Amitava; DeCristofaro, Nicholas J.; and Henschel, Claude, to Allied Corporation. Homogeneous, ductile nickel based hardfacing foils. 4,515,869, 5-7-85, Cl. 428-656.000.

Bose, Debasis; Datta, Amitava; DeCristofaro, Nicholas J.; and Henschel, Claude, to Allied Corporation. Homogeneous, ductile iron based hardfacing foils. 4,515,870, 5-7-85, Cl. 428-656.000.

Bose, Debasis; and Freilich, Alfred, to Allied Corporation. Nickel high-chromium base brazing filler metal for high temperature applications. 4,543,135, 9-24-85, Cl. 148-403.000.

Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., to Allied Corporation. Homogeneous low melting point copper based alloys. 4,549,687, 10-29-85, Cl. 228-263.180.

Bose, Sudesh: *See—*
Antonazzi, Frank J.; and Bose, Sudesh, 4,532,809, Cl. 73-701.000.

Bosen, Robert J., to Zeda Computers International Limited. Computer intercommunication system. 4,495,572, 1-22-85, Cl. 364-200.000.

Bosen, Sidney F.; and Perlson, Bruce D., to Norchem, Inc. Corrosion inhibited freeze protected heat transfer fluid. 4,545,925, 10-8-85, Cl. 252-389.00A.

Boser, Ronald J., to Yoshida Kogyo K.K. Method and apparatus for sewing elongated fabric piece. 4,497,270, 2-5-85, Cl. 112-265.200.

Boser, Ronald J.; and Martin, Michael T., to Yoshida Kogyo K.K. Method of and apparatus for attaching fly strips to a slide fastener chain. 4,541,352, 9-17-85, Cl. 112-265.200.

Boshagen, Horst: *See—*

Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.

Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, 4,492,703, Cl. 424-266.000.

Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.

Boshier, Geoffrey, to Avco Corporation. Gap measuring apparatus. 4,549,207, 10-22-85, Cl. 358-107.000.

Boshinski, Edwin E., to Hobart Corporation. Packaging system. 4,543,766, 10-1-85, Cl. 53-64.000.

Boshra-Riad, Mokhtar; Fedeli, Jean-Marc; Jouve, Hubert; and Mauduit, Daniel, to Commissariat a l'Energie Atomique. Magnetic bubble store. 4,493,054, 1-8-85, Cl. 365-36.000.

Bosies, Elmar; Gall, Rudi; Weimann, Gunter; Bicker, Uwe; and Pahlke, Wulf, to Boehringer Mannheim GmbH. Phospholipid compound. 4,492,659, 1-8-85, Cl. 260-925.000.

Bosies, Elmar; Kampe, Wolfgang; Thiel, Max; Bicker, Uwe; and Boerner, Dietmar, to Boehringer Mannheim GmbH. N-Substituted aziridine-2-carboxylic acid derivatives. 4,517,183, 5-14-85, Cl. 514-183.000.

Bosin, Sanford D.: *See—*

Hann, William; Bosin, Sanford D.; and White, Cecil, 4,492,578, Cl. 433-213.000.

Bosisio, Germano: *See—*

Salvati, Patricia; Caravaggi, Anna M.; Temperilli, Aldemio; Bosisio, Germano; Sapini, Osvaldo; and di Salle, Enrico, 4,526,892, Cl. 514-288.000.

Bosisio, Roberto, to Roberto Bosisio S.p.A. Internal combustion power pack with injection pump ventilation system. 4,539,945, 9-10-85, Cl. 123-41.310.

Bosits, Gyula: *See—*

Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, 4,539,111, Cl. 210-179.000.

Boskamp, Jelles V.; and Mohlmann, Willem M. M., to Lever Brothers Company. Built liquid detergent compositions containing zeolite Y. 4,526,709, 7-2-85, Cl. 252-527.000.

Boskamp, Jelles V., to Lever Brothers Company. Aqueous enzyme-containing compositions with improved stability. 4,532,064, 7-30-85, Cl. 252-105.000.

Boskamp, Jelles V., to Lever Brothers Company. Process for preparation of an anti-corrosive aqueous liquid detergent composition. 4,539,133, 9-3-85, Cl. 252-109.000.

Bosker, Hans. System for denture support using a transmandibular implant. 4,516,937, 5-14-85, Cl. 433-173.000.

Boski, Israel, to Otis Engineering Corporation. Cylinder connection. 4,491,060, 1-1-85, Cl. 92-128.000.

Boski, Israel, to Otis Engineering Corporation. Cylinder connection. 4,529,330, 7-16-85, Cl. 403-2.000.

Boskovic, Borislav. Slide retainer. 4,515,342, 5-7-85, Cl. 249-122.000.

Bosma, Marcel A. R.: *See—*

van der Stoel, Roland E.; Bosma, Marcel A. R.; Janssen, Petrus H. J.; and van de Moesdijk, Cornelis G. M., 4,560,760, Cl. 546-243.000.

Bosman, Jakob, to U.S. Philips Corporation. Air blowing device. 4,516,483, 5-14-85, Cl. 98-40.140.

Bosna, Alexander: *See—*

Riccio, Louis M.; and Bosna, Alexander, 4,521,475, Cl. 428-142.000.

Bosna, Alexander A., to Westinghouse Electric Corp. Wire feed system for robot welder. 4,539,465, 9-3-85, Cl. 219-137.700.

Bosna, Alexander A.: *See—*

Osial, Thaddeus A.; Bosna, Alexander A.; and Kulak, Richard J., 4,521,668, Cl. 219-121.0LC.

Bosnak, John J., to Whelen Engineering Company, Inc. Method of and apparatus for the testing of warning systems. 4,554,533, 11-19-85, Cl. 340-514.000.

Bosnjak, Milovan A. Clarifier/thickener. 4,544,487, 10-1-85, Cl. 210-522.000.

Bosquain, Maurice; Grenier, Maurice; Hay, Leon; Lapeyre, Paul; Lehman, Jean-Yves; Petit, Pierre; and Sauty, Pierre, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Reactor and apparatus for purifying by adsorption. 4,541,851, 9-17-85, Cl. 55-208.000.

Boss, Heinz, to Grapha-Holding AG. Method and apparatus for storage of paper sheets and the like. 4,538,397, 9-3-85, Cl. 53-430.000.

Boss, Heinz, to Grapha-Holding AG. Apparatus for storing or dispensing paper sheets or the like. 4,550,883, 11-5-85, Cl. 242-59.000.

Bossaert, Jean, to Thomson-CSF. Method of tomographic scanning of an object by nuclear magnetic resonance. 4,551,679, 11-5-85, Cl. 324-309.000.

Bossard, Alfred E.; and Kuster, Kaspar, to Ciba-Geigy Corporation. Coating apparatus. 4,559,896, 12-24-85, Cl. 118-300.000.

Bossart, Clayton J.; and Fatur, Thomas C., to Mine Safety Appliances Company. Circuit for constant temperature operation of a catalytic combustible gas detector. 4,533,520, 8-6-85, Cl. 422-96.000.

Bossart, Erwin, to Maschinenfabrik Benninger AG. Thread tensioning apparatus for warp creel. 4,548,369, 10-22-85, Cl. 242-150.00R.

Bossart, Erwin: *See—*

Wildi, Edwin; Bossart, Erwin; and Hasler, Hans, 4,535,956, Cl. 242-151.000.

Bosschaerts, Jacobus H.: *See—*

Bruyndonckx, Jan J.; and Bosschaerts, Jacobus H., 4,519,696, Cl. 355-14.00D.

Bosse, Thomas W., to Pitney Bowes Inc. Optical weighing scale utilizing a prism. 4,536,651, 8-20-85, Cl. 250-231.00R.

Bosse, Thomas W., to Pitney Bowes Inc. Temperature compensation system for a prism in an optical transducer. 4,539,475, 9-3-85, Cl. 250-231.00P.

Bosselaers, Robert J.; and Elder, Richard B., to United States of America, Army. Frequency modulated phase locked loop. 4,500,857, 2-19-85, Cl. 332-9.00R.

Bossennec, Jean-Louis G.; Debuisser, Jean-Claude A.; and Farhi, Philippe F., to International Standard Electric Corporation. System for providing a summarized information on the line spectrum from a Doppler radar spectrum analyzer. 4,555,705, 11-26-85, Cl. 343-55.00A.

Bosserhoff, Hartmut; Steinhagen, Wolfgang; and Joeres, Ulrich, to Texas Instruments Incorporated. Circuit arrangement for converting an analog AC voltage signal to a digital signal. 4,524,346, 6-18-85, Cl. 340-347.0CC.

Bossert, Friedrich: *See—*

Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.

Goldmann, Siegfried; Bossert, Friedrich; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,555,512, Cl. 514-302.000.

Wehinger, Egbert; Meyer, Horst; Bossert, Friedrich; Vater, Wulf; Towart, Robertson; Stoepel, Kurt; and Kazda, Stanislav, 4,510,310, Cl. 546-321.000.

Wehinger, Egbert; Bossert, Friedrich; Vater, Wulf; and Stoepel, Kurt, 4,551,467, Cl. 514-334.000.

Bossetti, Renato, to S.I.T.I. Societa Impianti Termoelettrici Industriali S.p.A. Supporting structures for furnace crowns. 4,539,919, 9-10-85, Cl. 110-331.000.

Bosshard, Andreas; and Lammler, Bernhard, to Huber & Suhner AG. Plug connector and method for connecting same. 4,545,637, 10-8-85, Cl. 339-177.00E.

Bosshard, Werner, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Cartridge infeed apparatus for automatic firing weapons. 4,539,890, 9-10-85, Cl. 89-33.200.

Bosshard, Werner, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Breechblock buffer for an automatic firing weapon. 4,558,628, 12-17-85, Cl. 89-198.000.

Bosshart, George S.; and Matarese, Alfred P., to United Technologies Corporation. Prestressed ceramic coatings. 4,503,130, 3-5-85, Cl. 428-632.000.

Bosshart, John; and Allen, William W., to Jensen Corporation. Heated cylinder ironer utilizing a flexible ironing bed. 4,554,752, 11-26-85, Cl. 38-61.000.

Bossina, Jaap, to Gap Gesselschaft fuer Auswertungen und Patente AG. Dispenser for paste-like products. 4,511,068, 4-16-85, Cl. 222-257.000.

Bossler, Joseph. Countersink core drill assembly and method of utilizing same. 4,551,045, 11-5-85, Cl. 408-206.000.

Bossler, Robert B., Jr., to Western Gear Corporation. Method of face mill generation of spiral bevel gears with integral central structure and resulting product. 4,518,287, 5-21-85, Cl. 409-26.000.

Bosso, Alexander: *See—*

Howard, Guy D.; and Bosso, Alexander, 4,545,305, Cl. 110-165.00R.

Bosso, Joseph F.; and Geiger, William J., to PPG Industries, Inc. Low temperature aminoplast curable cationic electrodepositable coating compositions. 4,501,833, 2-26-85, Cl. 523-416.000.

Bossons, William R., to W. H. Bossons (Sales) Limited. Wall plaques. 4,555,432, 11-26-85, Cl. 428-156.000.

Bostater, Joseph A.; MacGregor, Angus J.; and Gesicki, Aaron A., to American Motors (Canada) Inc. Method for making cast iron engine blocks and the like. 4,493,359, 1-15-85, Cl. 164-58.100.

Boster, Clark S., to Borg-Warner Corporation. Hydraulic proximity probe. 4,523,451, 6-18-85, Cl. 73-37.600.

Bostian, Bruce R., to Jedco, Inc. Spring biased prop for a pivoted door member. 4,539,726, 9-10-85, Cl. 16-72.000.

Bostian, Bruce R.: *See—*

McGaughey, Donald C.; and Bostian, Bruce R., 4,496,185, Cl. 296-106.000.

Bostian, Clarence L., Jr.; and Gelula, Jerome D., to Gelula, Jerome D. Method for producing unwoven novel oriented pre-stressed web. 4,501,631, 2-26-85, Cl. 156-161.000.

Bostic, Steve. Container and storage system for photographic prints and negatives. 4,545,486, 10-8-85, Cl. 206-455.000.

Bostica, Bruno: *See—*

Belforte, Piero; Bondonno, Mario; Bostica, Bruno; and Pilati, Luciano, 4,543,653, Cl. 370-66.000.

Belforte, Piero; Bostica, Bruno; Pilati, Luciano; Bovo, Amilcare; and Canato, Luigi, 4,545,051, Cl. 370-66.000.

Bostick, David B., Sr. Lamp bank. 4,504,893, 3-12-85, Cl. 362-253.000.

Bostick, Hoyt A.; and Buczek, Carl J., to Ford Aerospace & Communications Corporation. Combined AM/FM laser radar transmitter. 4,528,669, 7-9-85, Cl. 372-26.000.

Bostock, Philip G.; and Holland, Graham J., to Ford Motor Company. Reduction of crankshaft noise from an internal combustion engine. 4,543,924, 10-1-85, Cl. 123-195.00A.

Boston Biomedical Research Institute: *See—*
- Jacobson, Bernard; and Raymond, Laurie, 4,534,967, Cl. 424-95.000.

Boston, Ernest B., to Phillips Petroleum Company. Metal passivation additive employed in a cracking process. 4,495,064, 1-22-85, Cl. 208-120.000.

Boston, Ernest B., to Phillips Petroleum Company. Metal passivation additive. 4,507,398, 3-26-85, Cl. 502-62.000.

Boston, Steven L.; Caudill, Forrester; and Arnold, Jerry L., to Armco Inc. Process for controlling snout zinc vapor in a hot dip zinc based coating on a ferrous base metal strip. 4,557,953, 12-10-85, Cl. 427-432.000.

Boston, Steven L.: *See—*
- Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., 4,557,952, Cl. 427-432.000.

Boston University, Trustees of: *See—*
- Catsimpoolas, Nicholas, 4,500,524, Cl. 514-250.000.
- Oh, Se-Kyung, 4,537,712, Cl. 260-112.00R.
- Sengupta, Sisir K., 4,514,330, Cl. 260-112.50R.

Boston, William G.; and Strong, Robert T., to Mobil Oil Corporation. Method and apparatus for separating artificial drill cuttings from natural drill cuttings. 4,539,102, 9-3-85, Cl. 209-38.000.

Bostrom, Karl J. Gear shifting device. 4,516,669, 5-14-85, Cl. 192-3.580.

Bostrom, Mark W., to Harris Corporation. Vacuum grip device. 4,561,687, 12-31-85, Cl. 294-64.100.

Bostwick Doors (UK) Ltd.: *See—*
- Calvert, Eric F., 4,561,483, Cl. 160-159.000.

Boswell, George A., Jr., to Du Pont de Nemours, E. I., and Company. Antiinflammatory 4,5-diaryl-α-polyfluoroalkyl-1H-pyrrole-2-methanols and method for use thereof. 4,495,196, 1-22-85, Cl. 514-427.000.

Boswell, George A., Jr.; and Cocuzza, Anthony J., to Du Pont de Nemours, E. I., and Company. Cyclobutanone antibacterials. 4,505,905, 3-19-85, Cl. 514-150.000.

Boswell, Peter G.: *See—*
- Hall, William G.; and Boswell, Peter G., 4,538,876, Cl. 339-118.00R.

Bosworth, Warren M., Jr.; and Martin, Fred E., to Ektelon. Racquet stringing machine with improved racquet retaining standard. 4,546,977, 10-15-85, Cl. 273-73.00A.

Boszormenyi, Istvan: *See—*
- Karacsonyi nee Eva Spindler, Belane ; Racz, Bela; Boszormenyi, Istvan; Kiraly, Laszlo ; and Medgyesi, Andras, 4,544,410, Cl. 106-278.000.

Boszormenyi, Jozsef: *See—*
- Bar, Vilmos; Boszormenyi, Jozsef; Richter, Peter; Mercz, Jeno; and Rozsnyai, Tamas, 4,510,147, Cl. 514-314.000.

Botar, Bela. Vertically installed engine low floor bus. 4,534,442, 8-13-85, Cl. 180-294.000.

Botar, Bela. Vertically inclined engine low floor bus. 4,535,867, 8-20-85, Cl. 180-294.000.

Botev, Botyo P.: *See—*
- Petkov, Georgi K.; Botev, Botyo P.; Naydenov, Ivan H.; Metev, Georgi M.; and Petrov, Yakim N., 4,558,579, Cl. 72-56.000.

Botez, Dan, to RCA Corporation. Semiconductor laser with non-absorbing mirror facet. 4,523,316, 6-11-85, Cl. 372-45.000.

Botez, Dan, to RCA Corporation. Semiconductor laser with reduced absorption at a mirror facet. 4,523,317, 6-11-85, Cl. 372-45.000.

Botez, Dan; and Connolly, John C., to RCA Corporation. Method of making a laser array. 4,547,396, 10-15-85, Cl. 427-87.000.

Botez, Dan: *See—*
- Connolly, John C.; and Botez, Dan, 4,523,318, Cl. 372-48.000.

Botha, Charles F.; and Lambrechts, Adriaanus L., to Ru-Korrel (Proprietary) Limited. Compacting mill. 4,498,856, 2-12-85, Cl. 425-331.000.

Bothe, Lothar: *See—*
- Crass, Gunther; Janocha, Siegfried; Dietz, Wolfgang; and Bothe, Lothar, 4,502,263, Cl. 53-396.000.

Bothner, Carl R., to Eastman Kodak Company. Apparatus for establishing a predetermined interface between a dielectric sheet and an electrographic process station. 4,558,944, 12-17-85, Cl. 355-3.0SH.

Bothner, Jakob: *See—*
- Schulz, Gunter; and Bothner, Jakob, 4,525,897, Cl. 19-260.000.

Bothorel, Pierre; Bernon, Roland; and Gabriel, Guy, to Centre National de la Recherche Scientifique. Liquid phase counter. 4,549,812, 10-29-85, Cl. 366-142.000.

Botnick, Irlin H., to Josam Developments, Inc. Ablution faucet. 4,545,533, 10-8-85, Cl. 239-282.000.

Botnick, Irlin H., to Josam Developments, Inc. Closure-assisted cartridge-type flow control valve. 4,557,288, 12-10-85, Cl. 137-315.000.

Botquin, Francois: *See—*
- Albouy, Pierre; Salahun, Yves; Botquin, Francois; and Cordani, Roberto, 4,540,852, Cl. 179-18.0FA.

Botrel, Jose; Harari, Sami; Briere, Joseph; and Louvel, Bernard, to L'Etat Francais represente par le Ministre des P.T.T. (Centre National d'Etudes des Telecommunications CNET); and Telediffusion de France. Error-protecting system for a two-way asynchronous data transmission. 4,551,839, 11-5-85, Cl. 371-35.000.

Botsch, Hans-Jurgen: *See—*
- Boehmke, Gunther; Mazanek, Jan; Botsch, Hans-Jurgen; and Schneider, Gottfried, 4,547,199, Cl. 44-51.000.

Botset, Richard A.: *See—*
- Sachleben, Harold G.; Hubbard, David W.; Botset, Richard A.; and Hardage, Thomas B., 4,541,576, Cl. 242-18.0PW.

Botsolas, Carol: *See—*
- Botsolas, Chris J., 4,553,308, Cl. 29-450.000.

Botsolas, Chris J., to Botsolas, Carol. Pipe fitting cover and method for covering pipe fittings. 4,553,308, 11-19-85, Cl. 29-450.000.

Bott, David C.; Edwards, John H.; and Feast, William J., to British Petroleum Company p.l.c., The. Polyacetylene production. 4,496,702, 1-29-85, Cl. 526-285.000.

Bott, Ernst W.: *See—*
- Wucherpfennig, Karl; Bott, Ernst W.; and Schottler, Peter, 4,560,565, Cl. 426-330.400.

Bott, John A. Cross rail for vehicle luggage carrier. 4,501,385, 2-26-85, Cl. 224-319.000.

Bott, John A. Vehicle article carrying device. 4,516,709, 5-14-85, Cl. 224-315.000.

Bott, John A. Article carrier for automotive vehicles. 4,516,710, 5-14-85, Cl. 224-324.000.

Bott, John A. Luggage carrier with illuminating means. 4,534,496, 8-13-85, Cl. 224-326.000.

Bott, Kaspar; Kaibel, Gerd; Hartmann, Horst; Irnich, Rudolf; and Buelow, Horst, to BASF Aktiengesellschaft. Recovery of formic acid by distillation. 4,551,208, 11-5-85, Cl. 203-60.000.

Bott, Lonnie C.: *See—*
- Remington, Richard C.; and Bott, Lonnie C., 4,495,540, Cl. 361-172.000.

Bott, Theodore R.: *See—*
- Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.

Bottaccio, Giorgio: *See—*
- Dalcanale, Enrico; Bottaccio, Giorgio; Campolmi, Stefano; and Montanari, Fernando, 4,549,025, Cl. 546-327.000.
- Paffoni, Camillo; Carlini, Filippo M.; Bottaccio, Giorgio; and Osti, Alberto, 4,523,953, Cl. 106-23.000.

Bottasso, Franco: *See—*
- Tavazza, Giuseppe; and Bottasso, Franco, 4,561,482, Cl. 152-381.400.

Bottcher, Henning: *See—*
- Hausberg, Hans-Heinrich; Bottcher, Henning; Gottschlich, Rudolf; Seyfried, Christoph; and Minck, Klaus-Otto, 4,547,576, Cl. 546-197.000.

Bottcher, Hugo; Heimrich, Klaus; Hildebrandt, Gustav; Kracke, Heinrich; and Richter, Johannes, to J. H. Benecke GmbH. Method of making an embossing cylinder. 4,551,297, 11-5-85, Cl. 264-224.000.

Bottcher, Irmgard: *See—*
- Niedballa, Ulrich; and Bottcher, Irmgard, 4,528,298, Cl. 514-398.000.

Bottcher, Lutz: *See—*
- Berger, Klaus; Affeldt, Karl-Heinz; and Bottcher, Lutz, 4,534,361, Cl. 128-680.000.

Bottcher, Rolf; Heise, Rolf; and Praxator, Helmut, to VEB Kombinat Polygraph "Werner Lamberz" Leipzig. Monitoring device for monitoring book block formation. 4,527,793, 7-9-85, Cl. 271-263.000.

Bottcher, Wolfgang; Juttner, Heinz; Maurer, Albrecht; and Stutzinger, Ferdinand, to Estel Hoesch Werke Aktiengesellschaft. Controlled grinding of rollers for elimination of cracks. 4,509,295, 4-9-85, Cl. 51-49.000.

Bottenbruch, Ludwig: *See—*
- Eichenauer, Herbert; Doring, Joachim; Ott, Karl-Heinz; and Bottenbruch, Ludwig, 4,560,726, Cl. 525-71.000.
- Freitag, Dieter; Bottenbruch, Ludwig; and Schmidt, Manfred, 4,533,702, Cl. 525-439.000.
- Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; Bottenbruch, Ludwig; and Heitz, Walter, 4,537,951, Cl. 528-388.000.
- Rauleder, Gebhard; Waldmann, Helmut; Bottenbruch, Ludwig; Traenckner, Hans-Joachim; and Gau, Wolfgang, 4,562,274, Cl. 549-525.000.
- Schmidt, Manfred; Bottenbruch, Ludwig; and Freitag, Dieter, 4,508,890, Cl. 528-167.000.
- Stix, Wolfgang; Bottenbruch, Ludwig; and Neuray, Dieter, 4,518,747, Cl. 525-462.000.

Botterman, D. L.; Wolff, N. A.; and Ver Planck, H. T., to Container Corporation of America. Carton for insects. 4,498,420, 2-12-85, Cl. 119-15.000.

Bottero S.p.A.: *See—*
- Ghinamo, Leonardo, 4,519,139, Cl. 33-32.00C.

Botticelli, Charles R.: *See—*
- Kadkade, Prakash G.; and Botticelli, Charles R., 4,506,474, Cl. 47-58.000.

Bottigheimer, Andreas; Einsele, Karl-Heinz; and Henig, Klaus, to Robert Bosch GmbH. Device for measuring time intervals between a plurality of successive events. 4,514,835, 4-30-85, Cl. 368-118.000.

Bottka, Nicholas; Lessoff, Howard; and Hills, Marian E., to United States of America, Navy. Multi-color tunable semiconductor device. 4,492,434, 1-8-85, Cl. 350-356.000.

Bottka, Nicholas; Schwartz, Robert W.; and Thun, Wayne E., to United States of America, Navy. Deposition of compounds from multi-component organo-metals. 4,524,090, 6-18-85, Cl. 427-53.100.

Bottka, Nicholas: *See—*
- Kaplan, Raphael; and Bottka, Nicholas, 4,508,590, Cl. 156-601.000.

Bottolfson, Gary, to O'Connor, Michael, a part interest. Retractable brush. 4,498,211, 2-12-85, Cl. 15-203.000.

Bottomley, C. Edward. Two-way gun cleaner tip and butterfly patch for use therewith. 4,499,625, 2-19-85, Cl. 15-104.165.

Bottomley, Paul A.; and Edelstein, William A., to General Electric Company. Method for performing two-dimensional and three-dimensional chemical shift imaging. 4,506,223, 3-19-85, Cl. 324-309.000.

Bottomley, Paul A.; and Edelstein, William A., to General Electric Company. NMR Imaging of the transverse relaxation time using multiple spin echo sequences. 4,521,733, 6-4-85, Cl. 324-309.000.

Bottoms, Stanley: *See*—

Sandberg, Terrel W.; and Bottoms, Stanley, 4,535,452, Cl. 370-100.000.

Boturla, Alan. Practice drumstick. 4,557,176, 12-10-85, Cl. 84-422.00S.

Botwin, Leo; and Simpson, John A., to United Technologies Corporation. Gun-launched variable thrust ramjet projectile. 4,502,649, 3-5-85, Cl. 244-3.100.

Botyan, Viktor V.: *See*—

Chachin, Viktor N.; Kolos, Vladimir K.; Botyan, Viktor V.; and Postnikov, Viktor M., 4,519,230, Cl. 72-56.000.

Botz, Jakob; Mutschler, Erich; Prohaska, Hans; Schmid, Eckhardt; and Scholl, Wolfgang, to ITT Industries, Inc. Servo mechanism, especially for intensifying the braking power in a motor vehicle. 4,531,419, 7-30-85, Cl. 74-388.0PS.

Botzman, Thomas J.: *See*—

Kaniecki, Michael; Landers, Samuel P.; and Botzman, Thomas J., 4,515,199, Cl. 152-353.00R.

Kaniecki, Michael; Landers, Samuel P.; and Botzman, Thomas J., 4,535,114, Cl. 524-364.000.

Bouadma, Noureddine; Bouley, Jean-Claude; and Riou, Jean. Process for producing a semiconductor laser with several independent wavelengths and laser obtained by this process. 4,547,956, 10-22-85, Cl. 29-569.00L.

Boubouleix, Albert, to Thomson-CSF. Portable receiver with housing serving as a dipole antenna. 4,491,843, 1-1-85, Cl. 343-702.000.

Bouboulis, Constantine J.; and Kuntz, Irving, to Exxon Research & Engineering Co. Superior solvent blends for synthesis of acrylic resins for high solids coatings. 4,501,868, 2-26-85, Cl. 526-208.000.

Bouboulis, Constantine J., to Exxon Research & Engineering Co. Superior high solids coatings. 4,532,294, 7-30-85, Cl. 524-773.000.

Bouchaib, Pierre, to Instruments S.A. Installation for treatment of materials for the production of semi-conductors. 4,498,416, 2-12-85, Cl. 118-719.000.

Bouchant, Jean C., to Thomson-Brandt. Receiver having a light emitting display as frequency and tuning indicator. 4,491,974, 1-1-85, Cl. 455-159.000.

Bouchard, Andre C.; English, George J.; Hall, Harold H., Jr.; and Sentementes, Thomas J., to GTE Products Corporation. Method of making a photoflash article using injection molding. 4,497,756, 2-5-85, Cl. 264-1.900.

Bouchard, Andre C.; and Hall, Harold H., Jr., to GTE Products Corporation. Method of encapsulating a photoflash lamp using a powdered resin. 4,498,883, 2-12-85, Cl. 445-28.000.

Bouchard, Andre C., to GTE Products Corporation. Compact fluorescent lamp having increased light output. 4,521,837, 6-4-85, Cl. 362-216.000.

Bouchard, Andre C.; Maya, Jakob; Loughridge, Fred; Andress, Charles W.; and Wierzbicki, Julian, to GTE Products Corporation. Metal arc director for compact fluorescent lamp. 4,527,088, 7-2-85, Cl. 313-493.000.

Bouchard, Andre C.; and Maya, Jakob, to GTE Products Corporation. Compact fluorescent lamp. 4,527,089, 7-2-85, Cl. 313-493.000.

Bouchard, Andre C.; Maya, Jakob; and Sentementes, Thomas, to GTE Products Corporation. Glass coated metal arc director for compact fluorescent lamp. 4,536,678, 8-20-85, Cl. 313-493.000.

Bouchard, Andre C., to GTE Products Corporation. Compact fluorescent lamp. 4,539,510, 9-3-85, Cl. 313-493.000.

Bouchard, Andre C.; and Grossman, Mark W., to GTE Products Corporation. Method for sealing arc discharge lamps. 4,560,357, 12-24-85, Cl. 445-26.000.

Bouchard, Andre C.: *See*—

Hall, Harold H., Jr.; and Bouchard, Andre C., 4,515,558, Cl. 431-359.000.

Bouchard, Claude, to Ronalds-Federated Limited, Rolph-Clark-Stone Packaging Division. Cigarette carton. 4,534,463, 8-13-85, Cl. 206-267.000.

Bouchard, George A.: *See*—

Torino, Arthur J., Jr.; Bouchard, George A.; and Keane, Philip A., 4,499,466, Cl. 343-7.300.

Bouchard, Kenneth J.: *See*—

Cooper, David C.; and Bouchard, Kenneth J., 4,509,220, Cl. 10-86.00A.

Bouchard, Roland D. Portable painting assembly. 4,532,886, 8-6-85, Cl. 118-326.000.

Bouchard, Sylvain L.: *See*—

Conway, Larry J.; Tucker, Trevor W.; and Bouchard, Sylvain L., 4,504,791, Cl. 328-15.000.

Bouche, Michel. Stoppering device for bottles. 4,534,482, 8-13-85, Cl. 215-272.000.

Bouchee, Bernhard, to Hoechst Aktiengesellschaft. Sample collector. 4,560,535, 12-24-85, Cl. 422-102.000.

Boucher, Donald A.; and Boucher, Gilbert D., to USM Corporation. Pull through blind rivet. 4,497,603, 2-5-85, Cl. 411-34.000.

Boucher, Donald R.: *See*—

Foldvari, Tibor L.; Boucher, Donald R.; and Flanagan, Eugene L., III, 4,533,926, Cl. 346-136.000.

Boucher, Gilbert D.: *See*—

Boucher, Donald A.; and Boucher, Gilbert D., 4,497,603, Cl. 411-34.000.

Boucher, John H. Method of treating horses to inhibit or reduce increases in crenated red blood cells during exercise. 4,500,530, 2-19-85, Cl. 514-255.000.

Boucher, Ray, to Bay Mills Limited. Tape gun. 4,555,298, 11-26-85, Cl. 156-523.000.

Boucher, Richard C.; Gatzy, John T.; and Knowles, Michael R., to Research Corporation. Aerosolized amiloride treatment of retained pulmonary secretions. 4,501,729, 2-26-85, Cl. 424-45.000.

Boucher, Stephen G.; and Jeffers, Robert K., to Airmar Technology Corporation. Marine instrument. 4,555,938, 12-3-85, Cl. 73-187.000.

Boucherie, Leonel P., to G. B. Boucherie, Firma. Arrangement for filling cassettes with fibres. 4,527,838, 7-9-85, Cl. 300-7.000.

Bouchet, Jean, to Bouchet-Lassale S.A. Reversible wrist watch. 4,493,561, 1-15-85, Cl. 368-281.000.

Bouchet-Lassale S.A.: *See*—

Bouchet, Jean, 4,493,561, Cl. 368-281.000.

Boucraut, Frantz M. J., to Petit Bateau Valton S.A. Apparatus for drying and stabilizing pieces of woven or knitted fabric. 4,492,045, 1-8-85, Cl. 34-122.000.

Boudakian, Max M., to Olin Corporation. Continuous process for the production of polybromopyridine compounds. 4,521,603, 6-4-85, Cl. 546-304.000.

Boudart, Michel; Oyama, Shigeo T.; and Volpe, Leo, to Leland Stanford Junior University, The Board of Trustees of the. High specific surface area carbides and nitrides. 4,515,763, 5-7-85, Cl. 423-409.000.

Boudault, Robert, to Telecommunications Radioelectriques et Telephoniques T.R.T. Frequency modulator for the transmission of analog data. 4,516,086, 5-7-85, Cl. 332-16.00R.

Boudault, Robert, to Telecommunications Radioelectriques et Telephoniques T.R.T. Bit synchronization arrangement for a data modem or data receiver. 4,539,693, 9-3-85, Cl. 375-110.000.

Boudon, Gerard; Mollier, Pierre; and Lebesherais, Gerard, to International Business Machines Corporation. Chip to chip information bit transmission process and device. 4,539,680, 9-3-85, Cl. 370-100.000.

Boudot, Jean E.; Mazeau, Jean P.; and Prassas, Michel, to Corning Glass Works. Glasses of low density and high index of refraction for ophthalmic and optical applications. 4,540,672, 9-10-85, Cl. 501-65.000.

Boudreau, Clarence. Climbing device for skis. 4,544,179, 10-1-85, Cl. 280-604.000.

Boudreau, Daniel A.; and Salas, Edward R., to Honeywell Information Systems Inc. Priority resolver having dynamically adjustable priority levels. 4,493,036, 1-8-85, Cl. 364-200.000.

Boudreau, Daniel A., to Honeywell Information Systems Inc. Data processing system common bus utilization detection logic. 4,503,495, 3-5-85, Cl. 364-200.000.

Boudreau, Daniel A., to Honeywell Information Systems Inc. Data processing system auto address development logic for multiword fetch. 4,511,960, 4-16-85, Cl. 364-200.000.

Boudreau, Daniel A.; Salas, Edward R.; and Sandini, James M., to Honeywell Information Systems Inc. Distributed priority network logic for allowing a low priority unit to reside in a high priority position. 4,559,595, 12-17-85, Cl. 364-200.000.

Boudreau, Daniel A.: *See*—

Salas, Edward R.; Fisher, Edwin P.; Johnson, Robert B.; Nibby, Chester M., Jr.; and Boudreau, Daniel A., 4,545,010, Cl. 364-200.000.

Boudreau, Jean-Louis: *See*—

Dery, Normand; and Boudreau, Jean-Louis, 4,552,611, Cl. 156-391.000.

Boudreau, Normand. Capstan cleaner for eight-track cassettes. 4,510,545, 4-9-85, Cl. 360-128.000.

Boudreaux, Harry J.; Card, David C.; and Hanson, Bernard M., to UOP Inc. Pipe base well screen and system for joining a plurality of well screen segments. 4,509,600, 4-9-85, Cl. 166-381.000.

Boudreaux, Ronald J. Duplex pump controller. 4,551,068, 11-5-85, Cl. 417-8.000.

Boueri, Elias T.: *See*—

Daubenmier, John A.; and Boueri, Elias T., 4,514,811, Cl. 364-424.100.

Bouery, Roger: *See*—

Moryl, Richard; and Bouery, Roger, 4,531,870, Cl. 411-108.000.

Bouffard, Ivan. Snare trap. 4,555,863, 12-3-85, Cl. 43-87.000.

Bouffard, Jean; Dumoulin, Andre; and Lederhose, Edgar K., to Northern Telecom Limited. Cradle for a twisting machine. 4,523,423, 6-18-85, Cl. 57-59.000.

Bouffard, Jean; Dumoulin, Andre; and Lederhose, Edgar K., to Northern Telecom Limited. Cradle for a twisting machine. 4,550,558, 11-5-85, Cl. 57-58.520.

Bouffard, Jean: *See*—

Dumoulin, Andre; Seguin, Marc; and Bouffard, Jean, 4,525,993, Cl. 57-58.520.

Bougeois, Jean-Luc: *See*—

Ratton, Serge; and Bougeois, Jean-Luc, 4,551,557, Cl. 568-433.000.

Ratton, Serge; and Bougeois, Jean-Luc, 4,551,558, Cl. 568-433.000.

Boughton, Edward M.; and Jones, Lewis O., to TRW Inc. Magnetic developer compositions. 4,526,851, 7-2-85, Cl. 430-106.600.

Boughton, Thomas T., to T. T. Boughton & Sons, Ltd. Transport frames for vehicles. 4,537,540, 8-27-85, Cl. 410-82.000.

Bougon, Philippe M. M.: *See*—

Jourdan, Jean-Marie; Betelle, Jean; and Bougon, Philippe M. M., 4,551,632, Cl. 307-9.000.

Bouhelier, Francis; and Vialatte, Claude, to Thomson-CSF. Static disturbance signal recording system having detachable programming terminal & programmable fixed part with selectively powered buffer memory. 4,553,223, 11-12-85, Cl. 364-900.000.

Bouiller, Jean G.; Delonge, Jean-Claude L.; Rigo, Marcel L. A.; and Zietek, Didier G., to Societe Nationale d'Etude et de Construction de

Moteurs d'Aviation "S.N.E.C.M.A.". Retractable damping device for blades of a turbojet. 4,516,910, 5-14-85, Cl. 416-190.000.

Bouiller, Jean G.; and Soligny, Marcel R., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Rotors of rotating machines. 4,521,160, 6-4-85, Cl. 416-218.000.

Bouiller, Jean G.; and Delonge, Jean-Claude L., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Cooling device for movable turbine blade collars. 4,522,557, 6-11-85, Cl. 415-115.000.

Bouiller, Jean G.; Buisson, Marc F. B.; Jourdain, Gerard E. A.; Sandelis, Denis J. M.; and Urruty, Yves R. A., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Pressure drop regulating device. 4,546,606, 10-15-85, Cl. 60-262.000.

Bouiller, Jean G.; and Soligny, Marcel R., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Intershaft journal assembly of a multi-spool turbo-machine. 4,558,564, 12-17-85, Cl. 60-39.161.

Bouillez, Olivier; and Imbert, Michel, to Gerin, Merlin. Rotating arc electric circuit breaker. 4,532,392, 7-30-85, Cl. 200-147.00R.

Bouilliez, Olivier, to Gerin, Merlin. Electric circuit breaker with self blow-out by rotation of the arc. 4,529,853, 7-16-85, Cl. 200-147.00R.

Bouillon, Claude; and Maignan, Jean, to L'Oreal. Dithioether-based cosmetic composition for the treatment of the oily state of hair and skin. 4,503,033, 3-5-85, Cl. 424-47.000.

Boulais, Richard A.: *See—*

  Daemmer, Johnathan E., 4,500,970, Cl. 364-513.000.

Bouland, Maurice; Van Gurp, Wilhelmus A. J.; and Zwijsen, Wilhelmus A. J. M., to U.S. Philips Corporation. F.M. Demodulator with waveform correction circuit. 4,549,143, 10-22-85, Cl. 329-126.000.

Boulanger, Michelle: *See—*

  Beregi, Laszlo; Hugon, Pierre; Duhault, Jacques; and Boulanger, Michelle, 4,505,921, Cl. 514-212.000.

  Regnier, Gilbert; Guillonneau, Claude; Duhault, Jacques; and Boulanger, Michelle, 4,548,820, Cl. 514-255.000.

Boulay, Jean-Louis; Larigaldie, Serge; and Reibaud, Jean-Louis, to Office National d'Etudes et de Recherches Aerospatiales; and Avions Marcel Dassault - Breguet Aviation (AMD-BA). Method and means for protecting an aircraft against disturbances of electrostatic origin. 4,531,691, 7-30-85, Cl. 244-1.00A.

Boulet, Rodrique: *See—*

  Barbulescu, Adrian; Boulet, Rodrique; and Lessard, Denis, 4,534,868, Cl. 210-780.000.

Bouley, Jean-Claude: *See—*

  Bouadma, Noureddine; Bouley, Jean-Claude; and Riou, Jean, 4,547,956, Cl. 29-569.00L.

Bouliane, Daniel. Trailer gear for small craft. 4,554,884, 11-26-85, Cl. 114-344.000.

Boulier, Laurent L., to Delachaux, C. Process for the production of high purity metals or alloys. 4,504,310, 3-12-85, Cl. 75-27.000.

Boulle, Franck; and Zveguintzoff, Michel, to Societe Anonyme Saunier Duval Eau Chaude Chauffage - S.D.E.C.C. Sealed gas heater with forced draft and regulation by microprocessor. 4,519,540, 5-28-85, Cl. 237-7.000.

Boult, George W.; and King, Richard R., to Molins PLC. Cigarette or filter rod cut-off device. 4,503,866, 3-12-85, Cl. 131-84.00C.

Boultinghouse, Harold D., to Phillips Petroleum Company. Adhesive for butadiene styrene copolymer. 4,492,784, 1-8-85, Cl. 524-473.000.

Boultinghouse, Harold D.; Boeke, Paul J.; Benefield, Robert E., Jr.; and Leland, John, to Phillips Petroleum Company. Poly(arylene sulfide) printed circuit boards. 4,532,015, 7-30-85, Cl. 204-38.400.

Boultinghouse, Harold D., to Phillips Petroleum Company. Treatment of polymer using silver. 4,540,631, 9-10-85, Cl. 428-419.000.

Boulton, Thomas W.; and Derwent, Brian J., to Imperial Chemical Industries PLC. Electrolytic cell. 4,493,759, 1-15-85, Cl. 204-252.000.

Boulva, Paul. Paddle wheel propelled watercraft. 4,500,297, 2-19-85, Cl. 440-27.000.

Bouma, James R., to Dalglish, Herbert F.; and Weitgenant, George D., part interest to each. Hitch assembly. 4,558,883, 12-17-85, Cl. 280-478.00A.

Bound, Damon J. F., to F. F. Seeley Nominees Pty. Ltd. Switch. 4,493,953, 1-15-85, Cl. 200-6.00B.

Bounds, Jerry O., to Crude Oil Quality Control Corporation of Michigan. Centrifuge and valve therefor. 4,543,083, 9-24-85, Cl. 494-4.000.

Boundy, Bruce K.: *See—*

  Anderson, William C.; Boundy, Bruce K.; and Schoumaker, Raoul J. P., 4,500,060, Cl. 248-349.000.

Boundy, Geoffrey A. Gradient measuring devices. 4,543,731, 10-1-85, Cl. 33-375.000.

Bourassa, Ronald R.; and Butler, Douglas B., to Inmos Corporation. Method of making polysilicon resistors with a low thermal activation energy. 4,560,419, 12-24-85, Cl. 148-1.500.

Bourassin, Rene P.: *See—*

  Schlegel, Raymond F.; Bourassin, Rene P.; and Lapautre, Michel A., 4,508,530, Cl. 494-49.000.

Bourauel, Fritz; Flohr, Wolfgang P.; and Weishaupt, Walter, to Bayerische Motoren Werke AG. Testing installation for motor vehicle operating elements. 4,524,612, 6-25-85, Cl. 73-117.300.

Bourauel, Fritz; and Weishaupt, Walter, to Bayerische Motoren Werke AG. Service interval signalling device for prime movers. 4,551,703, 11-5-85, Cl. 340-52.00D.

Bourauel, Fritz: *See—*

  Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,523,283, Cl. 364-431.010.

  Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,533,900, Cl. 340-52.00R.

Bourbin, Yannic: *See—*

  Arditty, Herve; Bourbin, Yannic; Dubos, Jacques; Gautnier, Francis; and Graindorge, Philippe, 4,509,968, Cl. 65-10.100.

Bourcier, Denis R., to Utah State University Foundation. Atomic absorption spectrophotometric measurement of mercury. 4,534,940, 8-13-85, Cl. 422-68.000.

Bourdet, Gilbert L.; and Franco, Michel A., to Agence Nationale de Valorisation de la Recherche. Apparatus and method for distance measurement by laser interferometry. 4,492,464, 1-8-85, Cl. 356-4.500.

Bourdillot, Michel; Gauthier, Andre; Maille, Jacques; and Pitault, Bernard, to Societe Anonyme de Telecommunications. Process for manufacturing a matrix infrared detector with illumination by the front face. 4,532,699, 8-6-85, Cl. 29-572.000.

Bourgeaux, Pierre F. X., to S. A. des Establissements Staubli (France). Synchronized rotating dobby for weaving looms. 4,544,000, 10-1-85, Cl. 139-66.00R.

Bourgein, John. Wall mounted knife holder. 4,492,028, 1-8-85, Cl. 30-296.00A.

Bourgeois, Harold C.: *See—*

  Simon, Jules A.; Young, John A.; Ford, Michael D.; and Bourgeois, Harold C., 4,507,208, Cl. 210-721.000.

Bourgeois, Hector S.: *See—*

  Rosman, Irwin E.; and Bourgeois, Hector S., 4,519,745, Cl. 416-96.00A.

Bourgeois, Ivan M., to Medtronic, Inc. Apparatus for reducing polarization potentials in a pacemaker. 4,498,478, 2-12-85, Cl. 128-419.0PG.

Bourgeois, Jacques, to Serta-Societe d'Etudes et de Realisations des Techniques d'Automatisme. Process and device for depositing a label on the walls of a mold of an extrusion/blow-molding machine. 4,549,863, 10-29-85, Cl. 425-126.00R.

Bourgeois, Jean-Louis, to Foyer d'Aciernergie Inc. Heat recuperator for fireplace. 4,535,751, 8-20-85, Cl. 126-121.000.

Bourgeois, Jean-Luc: *See—*

  Bachot, Jean; Quentin, Jean-Pierre; and Bourgeois, Jean-Luc, 4,547,411, Cl. 427-393.500.

Bourgeois, Michel: *See—*

  Wattiez, Daniel; Chatelin, Roger; and Bourgeois, Michel, 4,556,721, Cl. 556-128.000.

Bourgeois, Serge; Carle, Jean-Franqois; Lochon, Henri; and Trotin, Jean-Pierre, to International Business Machines Corporation. Electron gun equipment for vacuum deposition. 4,516,525, 5-14-85, Cl. 118-688.000.

Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., to Delalande S.A. N-Substituted phenyl-5-aminomethyl oxazolidinones and their method of use. 4,526,786, 7-2-85, Cl. 514-240.000.

Bourgery, Guy R.; Lacour, Alain P.; Pourrias, Bernard M.; and Santamaria, Raphael, to Delalande S.A. Aromatic derivatives comprising an aminoalkoxy chain and pharmaceutical compositions thereof. 4,536,500, 8-20-85, Cl. 514-212.000.

Bourgery, Guy R.: *See—*

  Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.

  Moinet, Gerard H.; Dostert, Philippe L.; and Bourgery, Guy R., 4,504,663, Cl. 546-144.000.

  Platel, Alain Y.; Lacour, Alain P.; and Bourgery, Guy R., 4,500,531, Cl. 514-255.000.

Bourget, Jean-Claude, to Les Cables de Lyon. Method of manufacturing electric cable having compressed mineral insulation and a titanium sheath. 4,494,307, 1-22-85, Cl. 29-825.000.

Bourget, Jean-Claude, to Les Cables de Lyon. Apparatus for sequentially annealing and then hardening long metal components made of fine or special steel. 4,497,474, 2-5-85, Cl. 266-81.000.

Bourgo, Edward A.: *See—*

  Curtis, James J.; and Bourgo, Edward A., 4,514,995, Cl. 66-170.000.

Bourgogne, Michel; Guth, Jean-Louis; Szabo, Georges; and Wey, Raymond, to Compagnie Francaise de Raffinage. Process for the preparation of zeolite ZK 5. 4,496,528, 1-29-85, Cl. 423-328.000.

Bourgogne, Michel; Guth, Jean-Louis; and Wey, Raymond, to Compagnie Francaise de Raffinage. Process for the preparation of synthetic zeolites, and zeolites obtained by said process. 4,503,024, 3-5-85, Cl. 423-328.000.

Bourgois, Luc. Steel fibre reinforced rubber article. 4,525,430, 6-25-85, Cl. 428-625.000.

Bourgonje, Wouter, to U.S. Philips Corporation. Power supply arrangement for applying direct current to subscriber circuits. 4,560,835, 12-24-85, Cl. 179-16.0AA.

Bourland, Joe D.: *See—*

  Tacker, Willis A., Jr.; Bourland, Joe D.; Babbs, Charles F.; and Geddes, Leslie A., 4,548,203, Cl. 128-419.00D.

Bourland, Larry G., to Atlantic Richfield Company. Vinylidene chloride copolymer-based molding compound. 4,501,848, 2-26-85, Cl. 524-527.000.

Bourland, Larry G., to Atlantic Richfield Company. Chlorinated polyvinyl chloride molding compound. 4,501,849, 2-26-85, Cl. 524-527.000.

Bourland, Larry G., to Atlantic Richfield Company. Polyvinyl chloride molding compound. 4,501,850, 2-26-85, Cl. 524-527.000.

Bourland, Larry G., to Atlantic Richfield Company. Polymeric molding composition containing styrenic copolymer, polycarbonate and MBS polymer. 4,530,965, 7-23-85, Cl. 525-67.000.

Bourlier, Claude P.; and Sallot, Louis E. Security apparatus for the passage of objects. 4,523,527, 6-18-85, Cl. 109-19.000.

Bourn, Hugh E.: *See—*

Musto, Franklyn K.; Bourn, Hugh E.; Buchanan, John; and Kay, Duncan A., 4,535,477, Cl. 2-2.10R.

Bourn & Koch Machine Tool Company: *See—*

Jackson, Richard S., 4,507,030, Cl. 409-185.000.

Bournay, Frederick M., Jr.; and Giurtino, Joel F., to Cordis Corporation. Adapter for converting a metal encapsulated implantable cardiac pacer to an externally worn cardiac pacer. 4,545,381, 10-8-85, Cl. 128-419.00P.

Bournazel, Claude L.: *See—*

Auberon, Marcel; Cabanel, Daniel; Dolbeau, Michel; Phan, Albert; Pillois, Philippe; Bournazel, Claude L.; and Huvey, Michel, 4,549,919, Cl. 156-172.000.

Bourne, Gregory D.: *See—*

Arnim, Robert C., II; and Bourne, Gregory D., 4,510,985, Cl. 175-7.000.

Bourne, I. Stanley. Chamois head cooler. 4,503,560, 3-5-85, Cl. 383-66.000.

Bourne, Joseph: *See—*

Vardi, Isaih; Bourne, Joseph; Ben-Dror, Jonathan; and Kimchi, Yigal, 4,522,720, Cl. 210-512.100.

Bourne, William R., to Hartwell Corporation. Latch assembly channel. 4,548,435, 10-22-85, Cl. 292-229.000.

Bournier, Edgard, to Spinoglio, M. Mario. Method for blanching mushrooms and other vegetables. 4,557,937, 12-10-85, Cl. 426-241.000.

Bournonville, Jean-Paul; and Dinh, Chan T., to Societe Francaise des Produits pour Catalyse Pro-Catalyse. Process for manufacturing a hydrocarbon conversion catalyst and catalyst prepared by said process. 4,548,918, 10-22-85, Cl. 502-154.000.

Bournonville, Jean-Paul: *See—*

Travers, Christine; Chan, Trinh D.; Snappe, Roger; and Bournonville, Jean-Paul, 4,514,515, Cl. 502-154.000.

Trinh Dinh, Chan; and Bournonville, Jean-Paul, 4,504,593, Cl. 502-154.000.

Bourns, Inc.: *See—*

Creasman, Edwin A., 4,513,942, Cl. 249-95.000.

Wulff, Richard W., 4,547,795, Cl. 357-80.000.

Bouron, Francis. Automatic feed device for solid fuel boiler, specifically for logs of wood. 4,539,915, 9-10-85, Cl. 110-101.00R.

Bourque, Donald L., to Dennison Manufacturing Company. Dispensing of attachments. 4,533,076, 8-6-85, Cl. 227-67.000.

Bourque, Rene, to Warrington Inc. Composite skate boot and method of making the same. 4,509,276, 4-9-85, Cl. 36-115.000.

Bourquin, Robert, to Alsthom-Atlantique. Apparatus for supplying gas under pressure and distributing it between n outlets. 4,546,796, 10-15-85, Cl. 137-625.480.

Bourset, Claude; and Wajs, Georges, to Essilor International (Compagnie Generale d'Optique). Contact lens. 4,561,737, 12-31-85, Cl. 351-160.00R.

Boursier, Bernard; Bussiere, Guy; Devos, Francis; and Hughette, Michel, to Freres, Roquette. Sugarless hard candy. 4,497,846, 2-5-85, Cl. 426-660.000.

Boury, Gerard R.: *See—*

Barlier, Pernette R. M.; Boury, Gerard R.; and Mazeau, Jean-Pierre, 4,532,221, Cl. 501-22.000.

Bouse, Vaclav: *See—*

Kuzel, Radomir; Broukal, Josef; and Bouse, Vaclav, 4,521,250, Cl. 106-15.050.

Bousquet, Jacques; and Guguen, Claude, to Elf France. Hydrotreatment for petroleum cuts with offretite. 4,497,703, 2-5-85, Cl. 208-111.000.

Boussac Saint Freres B.S.F.: *See—*

De Jonckheere, Raphael; and Dussaud, Jacques, 4,534,769, Cl. 604-369.000.

Boussel, Francoise: *See—*

Nguyen, Van T.; Bellmann, Gunter; and Boussel, Francoise, 4,530,961, Cl. 524-832.000.

Boussemaer, Daniel: *See—*

Degoix, Bernard; Boussemaer, Daniel; and Allemand, Didier, 4,537,468, Cl. 350-96.210.

Boussemart, Jean-Pierre; Bressand, Rene; and Pascal, Roger, to Salomon S.A. Safety ski binding. 4,553,772, 11-19-85, Cl. 280-628.000.

Bout, Willem J. F., to U.S. Philips Corporation. Signalling light. 4,532,580, 7-30-85, Cl. 362-306.000.

Boutaleb, Aboubekr: *See—*

Boutaleb, Lucy A.; Boutaleb, Aboubekr; and Kerekess, Tibor T., 4,536,014, Cl. 283-83.000.

Boutaleb, Lucy A.; Boutaleb, Aboubekr; and Kerekess, Tibor T., to Securicard Systems Limited. Indentification of articles using liquid crystal identity cards. 4,536,014, 8-20-85, Cl. 283-83.000.

Boutant, Jean-Jacques: *See—*

Lamy, Jean-Michel; and Boutant, Jean-Jacques, 4,509,384, Cl. 74-473.00R.

Boute, Willem; Wittkampf, Frederik H. M.; van Arragon, Gerrit W.; and Mensink, Kornelis A., to Vitatron Medical B.V. Programmable cardiac pacemaker with microprocessor control of pacer rate. 4,503,857, 3-12-85, Cl. 128-419.0PG.

Boute, Willem: *See—*

Wittkampf, Frederik H. M.; and Boute, Willem, 4,515,161, Cl. 128-419.0PG.

Wittkampf, Frederik H. M.; and Boute, Willem, 4,549,548, Cl. 128-419.0PG.

Boute, Wim; Wittkampf, Frederik H. M.; and van Arragon, Gerrit W., to Vitafin N.V. Dual chamber pacemaker. 4,539,991, 9-10-85, Cl. 128-419.0PG.

Boute, Wim; Wittkampf, Frederik H. M.; and van Arragon, Gerrit W., to Vitafin N.V. Dual chamber pacemaker with automatic high rate limit mode determination. 4,554,921, 11-26-85, Cl. 128-419.0PG.

Bouteille, Daniel; Petrimaux, Eric; and Burban, Jean-Luc, to Legris. Pressure relay adapted to signal the position of the movable member of a jack. 4,492,149, 1-8-85, Cl. 92-5.00R.

Boutellier, Roman, to Kern & Co. Ltd. Infrared objective system lens. 4,537,464, 8-27-85, Cl. 350-1.400.

Boutemy, Gerard E. M.: *See—*

Balde, Daniel; and Boutemy, Gerard E. M., 4,528,026, Cl. 71-92.000.

Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, to Societe de Vente de l'Aluminium Pechiney. Telomers which can be cross-linked by light. 4,518,794, 5-21-85, Cl. 560-192.000.

Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, to Societe de Vente de l'Aluminium Pechiney. Method of preparing telomers which can be cross-linked by light. 4,554,373, 11-19-85, Cl. 560-192.000.

Boutevin, Bernard J. L.: *See—*

Battais, Alain; Boutevin, Bernard J. L.; and Pietrasanta, Yves J. D., 4,499,022, Cl. 260-429.700.

Bouthillier, Robert, to Louis Hand, Inc. Stitch shortening device for a blind stitch sewing machine. 4,549,495, 10-29-85, Cl. 112-315.000.

Boutin, Jean; and Neel, Jean, to Rhone-Poulenc Industries. (Meth)acrylic acid/methallylsulfonate copolymers. 4,504,643, 3-12-85, Cl. 526-287.000.

Boutin, Jean, to Rhone-Poulenc Specialites Chimiques. Free-flowing flakes of hydrophilic/water-soluble polymer gel. 4,550,033, 10-29-85, Cl. 427-222.000.

Bouton, John C.: *See—*

Faulkner, Albert A.; and Bouton, John C., 4,501,495, Cl. 356-244.000.

Boutonnat, Maurice; and Marget, Christian, to Societe Chimique de Charbonnages CdF Chimie. Method and device for determining of explosivity rate of gaseous medium. 4,538,448, 9-3-85, Cl. 73-27.00R.

Boutrois, Guy, to Thomson-CSF. Line-by-line document scanner equipped with a device for controlling the position of documents. 4,494,691, 1-22-85, Cl. 235-470.000.

Boutros, Kamal S.: *See—*

Briones, Francisco R.; and Boutros, Kamal S., 4,500,159, Cl. 339-147.00R.

Boutwell, Johnie R., to Tubing Testors, Inc. Wraparound used for testing tubing with premixed gases. 4,507,954, 4-2-85, Cl. 73-40.700.

Bouvet, Jean; and Teasdale, Robert D. Apparatus for treating the joints of the human body. 4,509,509, 4-9-85, Cl. 128-24.100.

Bouvet, Jean. Mill roll with increased juice flow capacity. 4,546,698, 10-15-85, Cl. 100-121.000.

Bouvet, Lucien: *See—*

Puyo, Philippe; and Bouvet, Lucien, 4,551,921, Cl. 33-366.000.

Bouwer, Adrianus G., to U.S. Philips Corporation. Device for photolithographically treating a thin substrate. 4,522,489, 6-11-85, Cl. 355-73.000.

Bouwhuis, Hendrik. Mould for shaping synthetic material and mould for renovating a carrying board. 4,496,304, 1-29-85, Cl. 425-569.000.

Bouwknegt, Thys: *See—*

Schutz, Hans U.; Raisin, Helmut; and Bouwknegt, Thys, 4,514,187, Cl. 8-531.000.

Bouwman, Dale W.; and Clayborn, Harold K., to Miles Laboratories, Inc. Sealed reagent matrix. 4,551,306, 11-5-85, Cl. 422-56.000.

Bouygues: *See—*

Richard, Pierre, 4,529,567, Cl. 264-228.000.

Bouzard, Daniel; Weber, Abraham; and Stemer, Jacques, to Bristol-Myers Company. Cefadroxil monohydrate. 4,504,657, 3-12-85, Cl. 544-30.000.

Bouzianis, George J.; and McIlvin, Donald B., to USM Corporation. Shoe upper cavity shell. 4,521,176, 6-4-85, Cl. 425-521.000.

Bova, Joseph D. Method and apparatus for continuous production of expandable honeycomb. 4,500,380, 2-19-85, Cl. 156-197.000.

Bovay, Jean-Pierre, to SSIH Equipment S.A. Method and apparatus for timing races. 4,523,204, 6-11-85, Cl. 346-107.00B.

Bovenkerk, Harold P.; Gigl, Paul D.; and Corrigan, Francis R., to General Electric Company. Process for making diamond and cubic boron nitride compacts. 4,536,442, 8-20-85, Cl. 428-323.000.

Boveri, Sergio: *See—*

Nisato, Dino; and Boveri, Sergio, 4,492,711, Cl. 424-285.000.

Nisato, Dino; Boveri, Sergio; Roncucci, Romeo; and Carminati, Paolo, 4,501,747, Cl. 514-342.000.

Nisato, Dino; and Boveri, Sergio, 4,514,408, Cl. 514-212.000.

Nisato, Dino; and Boveri, Sergio, 4,526,995, Cl. 549-494.000.

Bovermann, Klaus-Dieter, to Rittal-Werk Rudolf Loh GmbH & Co. KG. Subrack for electronic modules, particularly printed circuit boards. 4,561,710, 12-31-85, Cl. 339-17.00M.

Bovio, Michele; and Gillone, Walter, to Ing. C. Olivetti & C., S.p.A. Data recording machine. 4,493,038, 1-8-85, Cl. 364-405.000.

Bovo, Amilcare; and Canato, Luigi, to Italtel Societa Italiana Telecomunicazioni S.p.A. PCM Switching network with surplus capacity. 4,536,870, 8-20-85, Cl. 370-16.000.

Bovo, Amilcare: *See—*

Belforte, Piero; Bostica, Bruno; Pilati, Luciano; Bovo, Amilcare; and Canato, Luigi, 4,545,051, Cl. 370-66.000.

Bovone, Luigi. Chamfering machines, particularly for glass sheets. 4,493,167, 1-15-85, Cl. 51-110.000.

Bowcott, Roy P., to Lucas Industries Inc. Stop/start engine control for a road vehicle. 4,534,326, 8-13-85, Cl. 123-179.00B.

Bowden, Edgar A.; Deline, Gordon R.; and Koeijmans, Gerard D., to Mobil Oil Corporation. Gun shot control unit for seismic exploration. 4,511,999, 4-16-85, Cl. 367-23.000.

Bowden, Edgar A.; and Przybyl, Robert V., to Mobil Oil Corporation. Electronic circuit. 4,514,770, 4-30-85, Cl. 360-69.000.

Bowden, Edgar A., to Mobil Oil Corporation. Power control circuit. 4,519,011, 5-21-85, Cl. 360-137.000.

Bowden, Edgar A., to Mobil Oil Corporation. Method for regulating current flow through core samples. 4,546,318, 10-8-85, Cl. 324-376.000.

Bowden, Paul: *See—*
  Houseman, David L.; and Bowden, Paul, 4,559,618, Cl. 365-49.000.

Bowden, Wade R., Jr.; and Herzfeld, David, to Slater Electric Inc. Weatherproof electrical receptacle cover. 4,505,403, 3-19-85, Cl. 220-242.000.

Bowden, William L.; and Dey, Arabinda N., to Duracell Inc. Inorganic rechargeable non-aqueous cell. 4,515,875, 5-7-85, Cl. 429-196.000.

Bowden, William L.: *See—*
  Gopikanth, Mysore L.; Kuo, Han C.; and Bowden, William L., 4,508,798, Cl. 429-196.000.

Bowditch, Philip N., to Charles Stark Draper Laboratory, Inc., The. Flat plane seam garment and method of making. 4,510,626, 4-16-85, Cl. 2-115.000.

Bowditch, Philip N., to Charles Stark Draper Laboratory, Inc., The. Automated assembly system for seamed articles. 4,512,269, 4-23-85, Cl. 112-121.120.

Bowditch, Philip N., to Charles Stark Draper Laboratory, Inc., The. Method of generating a pattern of a flat seam garment. 4,532,655, 8-6-85, Cl. 2-243.00B.

Bowditch, W. Raymond, to Wilmington Chemical Corporation. Low viscosity epoxy resins. 4,507,461, 3-26-85, Cl. 528-104.000.

Bowdren, Brian L., to Bowdren, Inc. Low profile strap type turnbuckle with load bearing articulated nut. 4,560,147, 12-24-85, Cl. 254-231.000.

Bowdren, Inc.: *See—*
  Bowdren, Brian L., 4,560,147, Cl. 254-231.000.

Bowen, Billy C.: *See—*
  Taylor, Robert R.; Bowen, Billy C.; and Emery, John H., 4,547,701, Cl. 313-500.000.

Bowen, Chester O.: *See—*
  Hays, George E.; Nielsen, Richard H.; Bowen, Chester O.; and Holland, Floyd H., 4,562,046, Cl. 422-140.000.

Bowen, Collin W. Water lift system. 4,514,977, 5-7-85, Cl. 60-398.000.

Bowen, David R.: *See—*
  Lewis, John D.; Keeling, Michael R.; Bowen, David R.; and Paton, Anthony D., 4,551,731, Cl. 346-75.000.
  Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,499,114, Cl. 426-534.000.
  Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,526,798, Cl. 426-534.000.
  Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,541,950, Cl. 252-522.00R.
  Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,559,168, Cl. 252-522.00A.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,515,712, Cl. 252-522.00R.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,522,765, Cl. 260-463.000.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,525,364, Cl. 426-3.000.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,536,299, Cl. 252-8.600.
  Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,512,919, Cl. 252-522.00R.
  Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,533,746, Cl. 560-144.000.

Bowen, Dennis H., to United Kingdom Atomic Energy Authority. Method of winding on foam mandrel. 4,525,228, 6-25-85, Cl. 156-155.000.

Bowen, H. Kent: *See—*
  Barringer, Eric A.; Fegley, M. Bruce, Jr.; and Bowen, H. Kent, 4,543,341, Cl. 501-1.000.

Bowen, Jack. Score keeping device. 4,498,668, 2-12-85, Cl. 273-73.00R.

Bowen, James B.; and Kramer, Charles F., to Steel Heddle Manufacturing Company. Heddle frame and composite frame slat construction. 4,508,145, 4-2-85, Cl. 139-92.000.

Bowen, James H., to International Telephone and Telegraph Corporation. TDM Communication system. 4,498,167, 2-5-85, Cl. 370-44.000.

Bowen, John C., Jr., deceased; and by Bowen, Wiley C., executrix, to Baxter Corporation, The. Jacquard harness attachment mechanism. 4,513,789, 4-30-85, Cl. 139-85.000.

Bowen, John G.; and Hauser, Stephen G., to Bowen, John G. Soft contact lens disinfecting unit. 4,529,868, 7-16-85, Cl. 219-521.000.

Bowen, Rafael L., to American Dental Association Health Foundation. Method for obtaining strong adhesive bonding of composites to dentin enamel and other substrates. 4,514,527, 4-30-85, Cl. 523-115.000.

Bowen, Rafael L., to American Dental Association Health Foundation. Method for obtaining strong adhesive bonding of composites to dentin, enamel and other substrates. 4,521,550, 6-4-85, Cl. 523-116.000.

Bowen, Terry P.; Caron, Bernard G.; Cooper, Ronald F.; and Glover, Douglas W., to AMP Incorporated. Fiber optic connector having lens. 4,534,616, 8-13-85, Cl. 350-96.200.

Bowen Tools, Inc.: *See—*
  Peil, Archie W.; and Foreman, Arnal B., Jr., 4,558,842, Cl. 251-1.300.

Bowen, Wiley C., executrix: *See—*
  Bowen, John C., Jr., deceased; and Bowen, Wiley C., executrix, 4,513,789, Cl. 139-85.000.

Bowen, William E., to American Can Company. Method of making perforated films. 4,511,520, 4-16-85, Cl. 264-22.000.

Bower, Allen M.; and Weeks, Gary L., to Emco Wheaton, Inc. Low flow control nozzle. 4,523,700, 6-18-85, Cl. 222-505.000.

Bower, David S.: *See—*
  Foley, Steven L.; and Bower, David S., 4,533,141, Cl. 273-86.00C.

Bower, Frank A., Jr. Apparatus for delivering liquid under pressure. 4,501,533, 2-26-85, Cl. 417-388.000.

Bower, George L.: *See—*
  Ellenberger, Charles E.; Bower, George L.; and Snow, William R., 4,500,563, Cl. 427-38.000.

Bower, J. David, to American Hoechst Corporation. Extrusion lubricant composition and process. 4,544,694, 10-1-85, Cl. 524-385.000.

Bower, Richard K.; and Tellman, Stephen J., to Champion International Corporation. Method of forming an embossing caul. 4,557,779, 12-10-85, Cl. 156-219.000.

Bower, Robert W., to Advanced Micro Devices, Inc. Process for forming slots having near vertical sidewalls at their upper extremities. 4,533,430, 8-6-85, Cl. 156-643.000.

Bower, Terry F.: *See—*
  Shinopulos, George; Randlett, M. Ronald; and Bower, Terry F., 4,519,118, Cl. 29-121.500.

Bowermaster, Sidney P., to NDK, Incorporated. Wheelchair attachment. 4,506,903, 3-26-85, Cl. 280-289.0WC.

Bowers, Cecil W.; Thompson, Ivey G.; and Allan, Thomas T., to Flanders Filters, Inc. Filter testing apparatus and method. 4,494,403, 1-22-85, Cl. 73-40.700.

Bowers, Cecil W.: *See—*
  Peebles, William C., Jr.; and Bowers, Cecil W., 4,521,234, Cl. 55-481.000.

Bowers, Cyril Y.: *See—*
  Folkers, Karl; Bowers, Cyril Y.; Kubiak, Teresa M.; and Stepinski, Janusz, 4,504,414, Cl. 260-112.5LH.

Bowers, David L. Data entry systems. 4,537,150, 8-27-85, Cl. 119-14.170.

Bowers, Derek F., to Precision Monolithics, Inc. Integrated circuit current mirror. 4,503,381, 3-5-85, Cl. 323-315.000.

Bowers, James H.: *See—*
  Marschner, Frank W.; Kenkare, Divaker B.; and Bowers, James H., 4,526,780, Cl. 424-66.000.

Bowers, John E., to BNF Metals Technology Centre. Continuous method of removing tin from lead. 4,496,394, 1-29-85, Cl. 75-63.000.

Bowers, John E.: *See—*
  Newton, Steven A.; and Bowers, John E., 4,511,207, Cl. 350-96.150.
  Newton, Steven A.; and Bowers, John E., 4,558,920, Cl. 350-96.150.
  Shaw, Herbert J.; Newton, Steven A.; Bowers, John E.; and Jackson, Kenneth P., 4,495,656, Cl. 455-608.000.

Bowers, Joseph S., Jr., to Eastman Kodak Company. Process for the preparation of 2,2,4-trimethyl-1,2-dihydroquinoline compounds. 4,514,570, 4-30-85, Cl. 546-181.000.

Bowers, Russell E.; and Trieber, Fritz F., to Hobart Corporation. Package sensing/film control system for film wrapping machine. 4,505,092, 3-19-85, Cl. 53-504.000.

Bowers, Russell E.: *See—*
  Rogers, Robert M.; Treiber, Fritz F.; and Bowers, Russell E., 4,501,105, Cl. 53-64.000.
  Treiber, Fritz F.; and Bowers, Russell E., 4,501,106, Cl. 53-66.000.

Bowers, Stephen G.; Trueblood, Tim B.; and Cabiedes, Anthony, to Storage Technology Corporation. Dual port CMOS random access memory. 4,541,076, 9-10-85, Cl. 365-190.000.

Bowers, William J., to C. R. Bard, Inc. Electrosurgical generator. 4,559,943, 12-24-85, Cl. 128-303.140.

Bowers, William S., to Cornell Research Foundation, Inc. Anti-juvenile hormones. 4,540,830, 9-10-85, Cl. 568-651.000.

Bowers, William S., to Cornell Research Foundation, Inc. Anti-juvenile hormones. 4,542,150, 9-17-85, Cl. 514-456.000.

Bowersox, Bruce V.; and Shepherd, Thomas I., to Amax Inc. Electronic coupled-in-motion railroad track scale. 4,512,430, 4-23-85, Cl. 177-163.000.

Bowes, Emmerson, to Mobil Oil Corporation. Demetalation catalyst and a method for its preparation. 4,547,485, 10-15-85, Cl. 502-314.000.

Bowes, Emmerson; Farcasiu, Malvina; and Scott, Eric J. Y., to Mobil Oil Corporation. Hydrotreating petroleum heavy ends in aromatic solvents with dual pore size distribution alumina catalyst. 4,548,709, 10-22-85, Cl. 208-213.000.

Bowes, Robert G., to BOC Group plc, The. Heat treatment of workpieces. 4,543,060, 9-24-85, Cl. 432-23.000.

Bowie, Betty A.; Newman, David J.; Shearer, Marcia C.; Sitrin, Robert D.; and Valenta, Joseph R., to SmithKline Beckman Corporation. Antibiotics produced by *Kibdelosporangium aridum* shearer. 4,548,974, 10-22-85, Cl. 424-118.000.

Bowie, Richard T., Sr.: *See—*
  Kleiner, Rudolph R.; Kleiner, Raymond W.; and Bowie, Richard T., Sr., 4,538,557, Cl. 123-78.00E.

- Bowker, Dennis E. Winery game board. 4,529,205, 7-16-85, Cl. 273-256.000.
- Bowles, David E.: *See—*
  - Bowles, Romald E.; and Bowles, David E., 4,525,859, Cl. 382-5.000.
- Bowles Fluidics Corporation: *See—*
  - Stouffer, Ronald D., 4,508,267, Cl. 239-11.000.
  - Stouffer, Ronald D., 4,517,881, Cl. 98-208.000.
- Bowles, Howard R.: *See—*
  - Harmon, Larry R.; Reiche, John C.; Bowles, Howard R.; and Chiu, Norman H., 4,533,810, Cl. 219-10.55B.
- Bowles, Myron A.: *See—*
  - Zemke, Edward H., deceased; Pogue, Harold D.; Shah, Girish B.; and Bowles, Myron A., 4,544,146, Cl. 270-58.000.
- Bowles, Patrick J.; and Garrett, Lloyd W., to General Electric Company. Article accumulator and transfer system and method. 4,549,644, 10-29-85, Cl. 198-341.000.
- Bowles, Robert W.: *See—*
  - Frantz, Virgil L.; and Bowles, Robert W., 4,513,604, Cl. 73-39.000.
- Bowles, Romald E.; and Bowles, David E. Pattern recognition system. 4,525,859, 6-25-85, Cl. 382-5.000.
- Bowling, Clarence C. Process for coating rice seed with calcium peroxide by chemical reaction on the seed. 4,554,171, 11-19-85, Cl. 427-4.000.
- Bowling, Donald R.; Kinman, Darry M.; Afendykiw, Marko; and White, David J., to United States of America, Navy. N-Way summing network characterization system. 4,497,030, 1-29-85, Cl. 364-481.000.
- Bowling, Donald R.; and Smith, Charles F., to United States of America, Navy. Inside collet for coaxial placement of diode. 4,503,406, 3-5-85, Cl. 333-245.000.
- Bowling Green State University: *See—*
  - Neckers, Douglas C., 4,498,963, Cl. 204-159.190.
- Bowling, James A.; and David, Wallace M., to Philip Morris Incorporated. Method and apparatus for embossing foil. 4,498,390, 2-12-85, Cl. 101-365.000.
- Bowling, Teamus. Variable power control device. 4,551,589, 11-5-85, Cl. 200-38.00A.
- Bowlsby, David B. Cat toy. 4,534,316, 8-13-85, Cl. 119-29.000.
- Bowman, Albert M.; and Wodtke, Roy W. Basket and tray attachment for wheelchair. 4,526,419, 7-2-85, Cl. 297-153.000.
- Bowman, David F., to RCA Corporation. Selective waveguide mode converter. 4,510,469, 4-9-85, Cl. 333-21.00R.
- Bowman, David F., to RCA Corporation. Dipole radiating element. 4,513,292, 4-23-85, Cl. 343-795.000.
- Bowman, Gary K.: *See—*
  - Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,550,219, Cl. 174-21.00C.
  - Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,556,755, Cl. 174-21.00C.
- Bowman, George A., to Honeywell Inc. Wireless receiver having crystal filter at outputs of preamplifier. 4,554,678, 11-19-85, Cl. 455-286.000.
- Bowman, Harold L., to White River Technologies, Inc. Pressure responsive hopper level detector system. 4,527,714, 7-9-85, Cl. 222-56.000.
- Bowman, James A., to Hoover Universal, Inc. Seat track assembly. 4,508,385, 4-2-85, Cl. 297-341.000.
- Bowman, James L., to Ingersoll-Rand Company. Rotary, positive-displacement machine, of the helical-rotor type, and rotors therefor. 4,508,496, 4-2-85, Cl. 418-201.000.
- Bowman, Kenneth A.; and Zuber, Chester L., to Aluminum Company of America. Method of operating metallic scrap treating furnace to fragment and segregate metallic components therein. 4,491,473, 1-1-85, Cl. 75-63.000.
- Bowman, Kenneth A.; and Gantz, Marvin E., Jr., to Aluminum Company of America. Continuous method for reclaiming, melting and casting aluminum scrap. 4,498,523, 2-12-85, Cl. 164-477.000.
- Bowman, Kenneth A.; Christini, Roy A.; and Ballain, Marlyn D., to Aluminum Company of America. Thermal reduction process for production of magnesium using aluminum skim as a reductant. 4,498,927, 2-12-85, Cl. 75-67.00R.
- Bowman, Kenneth A.; Jacoby, John E.; and Finn, Kellen M., to Aluminum Company of America. Production of aluminum-lithium alloy by continuous addition of lithium to molten aluminum stream. 4,556,535, 12-3-85, Cl. 420-580.000.
- Bowman, Melvin B., to Ford Motor Company. Foldback current limiting driver. 4,513,241, 4-23-85, Cl. 323-285.000.
- Bowman, Richard P.: *See—*
  - Brown, Robert W.; and Bowman, Richard P., 4,552,811, Cl. 428-402.210.
- Bowman, Roger; Peach, Robert C.; and Milverton, David R. J., to Marconi Company Limited, The. Acousto-optic transducer. 4,527,866, 7-9-85, Cl. 350-358.000.
- Bowman, Ronald; Zimmerman, Michael T.; and Rich, Robert A., to Transamerica DeLaval Inc. Transducer systems with overload protection. 4,552,023, 11-12-85, Cl. 73-715.000.
- Bowman, Ronald R.; and Sodal, Ingvar E., to Marquest Medical Products, Inc. Actuator for control valves and related systems. 4,560,871, 12-24-85, Cl. 250-288.000.
- Bowman, Wayne A.: *See—*
  - Abel, Edward P.; and Bowman, Wayne A., 4,504,569, Cl. 430-214.000.
- Bowmans Brewer, Ltd.: *See—*
  - Brown, Christopher J. L., 4,557,186, Cl. 99-278.000.
- Bownass, Norris; and Clarkson, Donald J., to Abex Corporation. Modular directional valve. 4,515,184, 5-7-85, Cl. 137-625.660.
- Bowser, Paul A.: *See—*
  - Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.
- Bowsky, Benjamin: *See—*
  - Vogel, Richard E.; and Bowsky, Benjamin, 4,490,988, Cl. 62-193.000.
  - Vogel, Richard E.; and Bowsky, Benjamin, 4,543,797, Cl. 62-193.000.
  - Vogel, Richard E.; and Bowsky, Benjamin, 4,551,984, Cl. 62-193.000.
- Bowthorpe-Hellermann Limited: *See—*
  - Louvel, Robin, 4,534,313, Cl. 118-696.000.
  - Walker, John G., 4,495,972, Cl. 140-93.200.
- Bowyer, William H.: *See—*
  - Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.
- Box, John W.: *See—*
  - Arenas, Alvaro; Box, John W.; Davis, Joseph H.; and Tataria, Harshad, 4,544,078, Cl. 220-256.000.
- Box, Theodor M., to Piper Industries of Texas, Inc. Heavy-duty full-depth beverage case. 4,548,320, 10-22-85, Cl. 206-509.000.
- Box, William A.; and Rusiecki, Eugene R., to United States Steel Corporation. Cross-flow ultrasonic transducer head. 4,526,038, 7-2-85, Cl. 73-644.000.
- Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., to Martin Marietta Aluminum Inc. Aluminum cell cathode coating composition. 4,526,911, 7-2-85, Cl. 523-445.000.
- Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., to Commonwealth Aluminum Corporation. Aluminum cell having aluminum wettable cathode surface. 4,544,469, 10-1-85, Cl. 204-243.00R.
- Boxall, Stanley S. Insulated cabinet. 4,505,131, 3-19-85, Cl. 62-407.000.
- Boxer, Michael A.; and Posdal, Ben A., to CardioSearch, Inc. Sport hydration system. 4,526,298, 7-2-85, Cl. 222-130.000.
- Boxmeyer, James G. Inflatable structural column. 4,514,447, 4-30-85, Cl. 428-36.000.
- Boy, Jean-Jacques: *See—*
  - Besson, Raymond J.; Boy, Jean-Jacques; and Valentin, Jean-Pascal, 4,562,375, Cl. 310-338.000.
  - Valdois, Michel; Maitre, Pierre; Besson, Raymond; and Boy, Jean-Jacques, 4,547,691, Cl. 310-361.000.
- Boy, Jurgen: *See—*
  - Lange, Gerhard; and Boy, Jurgen, 4,493,004, Cl. 361-120.000.
  - Lange, Gerhard; Boy, Jurgen; Hoene, Ernst-Ludwig; and Sippekamp, Oskar, 4,493,006, Cl. 361-124.000.
- Boy-Marcotte, Jean-Louis M. R.; Dahan, Gilbert M. I.; Dancette, Michel; Le Nabour, Marcel P.; Pellerin, Jean-Francois G. A.; Rivallin, Jose; and Jannot, Marcel A. J., to Bertin & Cie. Convertor for thermal energy into electrical energy using Stirling motor and integral electrical generator. 4,511,805, 4-16-85, Cl. 290-2.000.
- Boy-Marcotte, Jean-Louis M. R.; Chastang, Georges J.; Salvaire, Laurent O.; and Burnouf, Christian D., to Rossignol S.A.; and Bertin & Cie. Cylindro-parabolical solar energy collector. 4,515,148, 5-7-85, Cl. 126-438.000.
- Boyadjieff, George I.; and Krasnov, Igor, to Varco International, Inc. Top drive drilling unit with rotatable pipe support. 4,529,045, 7-16-85, Cl. 173-164.000.
- Boyadjieff, George I.; and Krasnov, Igor, to Varco International, Inc. Drill string valve actuator. 4,535,852, 8-20-85, Cl. 175-170.000.
- Boyadjiev, Lyubomir A., to Edinen Centar Po Chimia. Method of and apparatus for mass transfer between three liquid phases. 4,551,252, 11-5-85, Cl. 210-638.000.
- Boyanton, Walter L., to Innovative Research and Development Co. Chain link fence system. 4,492,364, 1-8-85, Cl. 256-47.000.
- Boyarsky, David: *See—*
  - Singh, Bawa; and Boyarsky, David, 4,542,321, Cl. 315-111.810.
- Boyce, Douglas G.: *See—*
  - Den Beste, Steven C.; Boyce, Douglas G.; Blattner, John D.; and Hillen, Kenneth K., 4,558,422, Cl. 364-480.000.
- Boyce, Pamela J.: *See—*
  - Willis, Stephen B.; and Boyce, Pamela J., 4,519,843, Cl. 106-90.000.
- Boyce, Peter H.: *See—*
  - Coffee, Ronald A.; Bennett, Peter C.; Houghton, Leonard E.; Johnson, Graham C.; Sommerville, John A.; Boyce, Peter H.; and Currall, William J. P., 4,553,702, Cl. 239-690.000.
- Boyce, William A., to Macaster Controls, Inc. Vehicle alignment apparatus and methods. 4,510,694, 4-16-85, Cl. 33-203.180.
- Boyce, William C.; Wittekind, Warren D.; Howard, Leroy C.; Hall, Thomas E.; and Lechelt, Wayne M., to UNC Nuclear Industries, Inc. Method for X-ray fluorescence spectroscopy. 4,510,573, 4-9-85, Cl. 364-498.000.
- Boyce, William F.: *See—*
  - Belin, Rudolf E.; Boyce, William F.; and Feehan, John D., 4,519,195, Cl. 57-3.000.
- Boyd, Clinton A.: *See—*
  - Salant, Richard F.; and Boyd, Clinton A., 4,491,331, Cl. 277-96.100.
- Boyd, Collis E., to International Harvester Company. Thermal shock barrier for injection pump. 4,501,532, 2-26-85, Cl. 417-313.000.
- Boyd, Dana M.; Colombo, Edward A.; and Lashway, William H., to Mobil Oil Corporation. Sandwich foam coextrusion for high performance polyolefin trash bags. 4,533,578, 8-6-85, Cl. 428-35.000.

Boyd, Dana M., to Mobil Oil Corporation. Hem seal for draw tape trash bag. 4,558,463, 12-10-85, Cl. 383-75.000.

Boyd, Francis M.; and Fireman, Kenneth A. Knife. 4,541,175, 9-17-85, Cl. 30-161.000.

Boyd, Gerald D., to Energies Technologies Corp. Electronic ballast for fluorescent lamp. 4,553,071, 11-12-85, Cl. 315-244.000.

Boyd, Gilbert R.: *See—*
- Bigbie, Burke N.; and Boyd, Gilbert R., 4,541,490, Cl. 166-379.000.

Boyd, James A., to Lockheed Corporation. Trailing edge device for an airfoil. 4,542,868, 9-24-85, Cl. 244-198.000.

Boyd, James F., to AMP Incorporated. Extensible electrical cable assembly. 4,499,341, 2-12-85, Cl. 191-12.400.

Boyd, Jeanette D. Teaching tool. 4,519,781, 5-28-85, Cl. 434-156.000.

Boyd, Jerry K.; and Chang, Yu C., to FIP, Inc. Wellhead apparatus. 4,552,213, 11-12-85, Cl. 166-88.000.

Boyd, Jerry L. Apparatus and method for volume filling of storage boxes. 4,506,492, 3-26-85, Cl. 53-473.000.

Boyd, John H., Jr., to General Electric Company. Electronically commutated motor, method of operating such, control circuit, laundry machine and drive therefor. 4,528,485, 7-9-85, Cl. 318-138.000.

Boyd, John H., Jr.; and Muller, Alexander, to General Electric Company. Laundry apparatus and method of controlling such. 4,540,921, 9-10-85, Cl. 318-254.000.

Boyd, John O. Radiation concentrator. 4,552,126, 11-12-85, Cl. 126-451.000.

Boyd, Malcolm W.; and Mander, Michael G., to W. A. Goold Limited; and W. J. Goodwin & Son Limited. Containers for liquids. 4,520,940, 6-4-85, Cl. 220-68.000.

Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., to Dennison Manufacturing Company. Heated pad decorator. 4,511,425, 4-16-85, Cl. 156-493.000.

Boyd, Mary G.: *See—*
- Geurtsen, Friedrich H. H.; Anemaet, John M.; Smith, Donald R.; and Boyd, Mary G., 4,555,436, Cl. 428-200.000.

Boyd, Phil A., to Conoco Inc. Method of microbial assay. 4,503,149, 3-5-85, Cl. 435-39.000.

Boyd, Robert D.: *See—*
- Summers, Mark A.; Eimerl, David; and Boyd, Robert D., 4,510,402, Cl. 307-427.000.
- Summers, Mark A.; Hagen, Wilhelm F.; and Boyd, Robert D. 4,537,475, Cl. 350-448.000.

Boyd, Roger L.: *See—*
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Boyd, Walter K. Load securing apparatus for a cargo carrying vehicle. 4,507,033, 3-26-85, Cl. 410-104.000.

Boyden, James H., to Hewlett-Packard Company. Apparatus for reducing erosion due to cavitation in ink jet printers. 4,528,574, 7-9-85, Cl. 346-140.00R.

Boyer, Carl W.: *See—*
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Boyer, Don S.; and Freeborn, John C., to Honeywell Inc. Automatic teaching apparatus and method. 4,514,176, 4-30-85, Cl. 434-224.000.

Boyer, Ernest W.: *See—*
- Hastings, Ray D.; and Boyer, Ernest W., 4,528,553, Cl. 340-526.000.

Boyer, Harriet S.: *See—*
- Boyer, Ray E.; and Boyer, Harriet S., 4,524,663, Cl. 83-762.000.

Boyer, Jack C., to Deere & Company. Self-locking hinge. 4,501,045, 2-26-85, Cl. 16-331.000.

Boyer, James A.: *See—*
- Buttry, Robert C.; and Boyer, James A., 4,544,812, Cl. 200-19.0DC.

Boyer, John. Heat exchanger. 4,497,365, 2-5-85, Cl. 165-164.000.

Boyer, Kim L., to AT&T Bell Laboratories. Tandem adaptive echo canceler arrangement. 4,554,417, 11-19-85, Cl. 179-170.200.

Boyer, Nicodemus E., to PPG Industries, Inc. Polyhalophthalimidoalkyl-functional carbonates. 4,515,964, 5-7-85, Cl. 548-463.000.

Boyer, Nicodemus E.: *See—*
- Bay, Paul G.; Boyer, Nicodemus E.; and Sienkowski, Kenneth J., 4,546,139, Cl. 524-367.000.

Boyer, Paul K.: *See—*
- Collins, George J.; Thompson, Lance R.; Rocca, Jorge J.; and Boyer, Paul K., 4,509,451, Cl. 118-50.100.

Boyer, Ray E.; and Boyer, Harriet S. Power hacksaw. 4,524,663, 6-25-85, Cl. 83-762.000.

Boyer, Richard M., to Signetics Corporation. Low-impedance voltage reference. 4,542,331, 9-17-85, Cl. 323-313.000.

Boyer, Robert; and Duval, Claude, to Commissariat a l'Energie Atomique. Device for measuring an ion current produced by an ion beam. 4,517,462, 5-14-85, Cl. 250-286.000.

Boyer, Robert: *See—*
- Eouzan, Jean Y.; and Boyer, Robert, 4,562,471, Cl. 358-172.000.

Boyer, Robert D.: *See—*
- Provost, Lawrence A.; and Boyer, Robert D., 4,553,421, Cl. 72-402.000.

Boyer, Robert E. Vehicle mountable electrical generating system. 4,536,668, 8-20-85, Cl. 310-75.00R.

Boyer, Robert E. Electrical generator with ring housing mountable on a wheel assembly. 4,539,497, 9-3-85, Cl. 310-75.00R.

Boyertown Casket Company: *See—*
- Tehsildar, Tehmtan J.; and Colbert, Robert R., 4,524,496, Cl. 27-18.000.

Boyes, Adrian P., to Vickers Public Limited Company. Device for use in a bottle filling head. 4,530,384, 7-23-85, Cl. 141-95.000.

Boyes, David H.: *See—*
- Young, David E.; and Boyes, David H., 4,559,935, Cl. 128-88.000.

Boyesen, Eyvind, to Performance Industries, Inc. Motorcycle drive wheel suspension system. 4,544,044, 10-1-85, Cl. 180-227.000.

Boyesen, Eyvind, to Performance Industries, Inc. Motorcycle drive wheel suspension system. 4,558,761, 12-17-85, Cl. 180-227.000.

Boyette, Bobby R. Tool holder with work release mechanism. 4,516,449, 5-14-85, Cl. 83-140.000.

Boyette, Gerald B.: *See—*
- Gupta, Tapan K.; Carlson, William G.; Osterhout, Joseph C.; Boyette, Gerald B.; and Sweetana, Andrew S., Jr., 4,549,981, Cl. 252-518.000.

Boykin, Otis F.: *See—*
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Boykin, Royce B., to Hackney Brothers Body Company, Inc. Method of forming an insulated body for a vehicle. 4,531,278, 7-30-85, Cl. 29-469.000.

Boylan, John F. Filter cleaning device. 4,492,003, 1-8-85, Cl. 15-406.000.

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- Hawkins, Albert P.; Boyle, Alan; and Stone, Alan M., 4,549,659, Cl. 209-3.200.

Boyle, Daniel J., to Champion International Corporation. 3 Cell reclosable dispenser. 4,548,318, 10-22-85, Cl. 206-621.000.

Boyle, David H.; and Kouba, Daniel J., to International Business Machines Corporation. High performance and gate having an "natural" or zero threshold transistor for providing a faster rise time for the output. 4,525,640, 6-25-85, Cl. 307-450.000.

Boyle, Frederick P.: *See—*
- Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., 4,535,941, Cl. 241-21.000.

Boyle, Gerard H.; Freeman, Roger K.; and Goebel, Franz, to GTE Communications Products Corporation. Structure for electrochemical batteries. 4,535,038, 8-13-85, Cl. 429-154.000.

Boyle, Joseph P.; and Gilbert, John B., to Exxon Research & Engineering Co. Reactivation of iridium-containing catalysts. 4,517,076, 5-14-85, Cl. 208-140.000.

Boyle, Joseph P.: *See—*
- Wairegi, Tom; Boyle, Joseph P.; and Gilbert, John B., 4,514,284, Cl. 208-140.000.

Boyle, Richard F.: *See—*
- Cooke, Laurence H.; Feretich, Robert A.; and Boyle, Richard F., 4,540,903, Cl. 307-465.000.

Boyle, Stephen A.: *See—*
- Cooney, James S.; and Boyle. Stephen A., 4,560,223, Cl. 339-95.00R.

Boyle, William H., to Envirex Inc. Excess overflow orifice tubes. 4,555,340, 11-26-85, Cl. 210-248.000.

Boynton, Jerald H., to Armco Inc. Concrete faced bin wall. 4,545,703, 10-8-85, Cl. 405-273.000.

Boys, Donald R.; and Graves, Walter E., to Varian Associates, Inc. Disk or wafer handling and coating system. 4,500,407, 2-19-85, Cl. 204-298.000.

Boys, Donald R.; and Smith, Robert M., to Varian Associates, Inc. Apparatus for and method of controlling sputter coating. 4,500,408, 2-19-85, Cl. 204-298.000.

Boys, Donald R.; and Graves, Walter E., to Varian Associates, Inc. Magnetron sputter coating source for both magnetic and non magnetic target materials. 4,500,409, 2-19-85, Cl. 204-298.000.

Boysen, Gerd C.; Murray, Patrick S.; and Robinson, Marquis B., to Allen-Bradley Company. Combination mechanical and electrical interlock mechanism. 4,513,181, 4-23-85, Cl. 200-50.00C.

Boysen, Lennart; and Ottoson, Ulf. Crushers. 4,518,125, 5-21-85, Cl. 241-141.000.

Bozio, Robert P., to American Standard Inc. Fail-safe square-wave oscillator. 4,560,953, 12-24-85, Cl. 331-108.00D.

Bozler, Carl O.: *See—*
- Fan, John C. C.; and Bozler, Carl O., 4,514,581, Cl. 136-255.000.
- Leonberger, Frederick J.; Melngailis, Ivars; Bozler, Carl O.; and McClelland, Robert W., 4,518,219, Cl. 350-96.120.

Bozoarth, David B.; and Rickel, William R., to Whirlpool Corporation. Method of strengthening polypropylene hose. 4,545,947, 10-8-85, Cl. 264-150.000.

Bozsoky, Sandor: *See—*
- Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor; David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, 4,556,563, Cl. 514-258.000.

Bozung, Richard E. Musical instrument having a rigid base with circle of tone bars and pattern guides. 4,515,062, 5-7-85, Cl. 84-403.000.

Bozza, Ireneo. Band wrapping machine for the packaging of parcels of boxes or products. 4,509,314, 4-9-85, Cl. 53-586.000.

Bozzay, Jozsef: *See—*
- Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.

Bozzone, Richard T., Sr.: *See—*
- Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr.; and Borg, Sidney, 4,500,428, Cl. 210-609.000.

BP Chemicals Limited: *See—*
- Blackwell, James B.; Marks, Gerald C.; and Vereecke, Paul, 4,501,794, Cl. 428-316.600.
- Cook, John, 4,534,912, Cl. 260-549.000.
- Cook, John, 4,558,153, Cl. 560-247.000.

  - Eve, Paul L.; and Speakman, John G., 4,517,345, Cl. 526-105.000.
  - Green, Michael J., 4,539,427, Cl. 564-132.000.
  - Green, Michael J., 4,559,180, Cl. 260-463.000.
  - Hudson, Barry, 4,525,512, Cl. 524-284.000.
  - Lawrenson, Malcolm J., 4,556,741, Cl. 568-395.000.
- BP Chimie Societe Anonyme: *See—*
  - Bailly, Jean C., 4,511,703, Cl. 526-125.000.
  - Blaya, Alain; Crouzet, Pierre; Sandis, Stylianos; and Bailly, Jean C., 4,497,904, Cl. 502-104.000.
  - Falgoux, Daniel; Simoulin, Danielle; and Pascal-Mousselard, Michel, 4,543,430, Cl. 568-678.000.
  - Raufast, Charles, 4,495,337, Cl. 526-88.000.
- BPA Calscan, Inc.: *See—*
  - Burnham, Robert E., 4,535,244, Cl. 250-372.000.
- Braas & Co.: *See—*
  - Borgert, Bernhard; and Liche, Udo, 4,544,593, Cl. 428-80.000.
- Braat, Josephus J. M., to U.S. Philips Corporation. Record carrier with an optically readable information structure. 4,499,574, 2-12-85, Cl. 369-275.000.
- Braat, Josephus J. M., to U.S. Philips Corporation. Record carrier having an optically readable information structure comprised of information areas of two different phase depths. 4,556,967, 12-3-85, Cl. 369-275.000.
- Braathen, Thor F. Terrain-travelling motor vehicle. 4,516,649, 5-14-85, Cl. 180-9.100.
- Braathen, Thor F. Clamp connector for pipes. 4,545,604, 10-8-85, Cl. 285-12.000.
- Braatvedt, Ian H., to Compagnie Internationale des Pieux Armes Frankignoul. Method for producing in-situ concreted piles with enlarged bases. 4,544,515, 10-1-85, Cl. 264-32.000.
- Braatz, Andreas: *See—*
  - Kurz, Wolf-Dieter; Hanke, Hans; and Braatz, Andreas, 4,538,553, Cl. 123-41.130.
  - Paul, Jurgen; Braatz, Andreas; and Hanke, Hans, 4,493,293, Cl. 123-41.120.
- Braatz, James A.; McIntire, Kenneth R.; and Princler, Gerald L., to United States of America, Health and Human Services. Method for the identification and purification of human lung tumor-associated antigens (hLTAA) and clinical detection and determination of these antigens. 4,514,506, 4-30-85, Cl. 436-518.000.
- Brabbs, William J.; and Hong, Charles A., to Procter & Gamble Company, The. Doughs and cookies providing storage-stable texture variability. 4,503,080, 3-5-85, Cl. 426-94.000.
- Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, to Wacker-Chemie GmbH. Polymerization process for aqueous polymer dispersions of vinyl esters and ethylenic monomers. 4,532,295, 7-30-85, Cl. 524-827.000.
- Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, to Wacker-Chemie GmbH. Aqueous polymer dispersions preparation. 4,560,724, 12-24-85, Cl. 524-734.000.
- Brabson, Joseph B.: *See—*
  - Cioca, Gheorghe; Feeley, George F.; Brabson, Joseph B.; and Barth, Peter, 4,497,862, Cl. 428-220.000.
- Bracco, Al M.; Edenfeld, Arthur R.; and Kotecha, Harish N., to International Business Machines Corporation. Method of making ROM/PLA semiconductor device by late stage personalization. 4,536,944, 8-27-85, Cl. 29-571.000.
- Brace, Alan L.: *See—*
  - Allen, Karl D.; and Brace, Alan L., 4,497,494, Cl. 277-27.000.
- Brace, Neal O., to Ciba-Geigy Corporation. Perfluoroalkyl alkylene vinyl sulfoxides and sulfones. 4,517,384, 5-14-85, Cl. 568-27.000.
- Bracha, Peretz; and Massil, Solomon, to Makhteshim Chemical Works, Ltd. Quinazolines and fungicidal compositions thereof. 4,551,458, 11-5-85, Cl. 514-259.000.
- Bracher, Max: *See—*
  - Konrad, Eugen; Braun, Hans J.; Mager, Herbert; Noser, Friedrich; and Bracher, Max, 4,543,425, Cl. 564-442.000.
- Brachet, Alain; Figuet, Jacques; Guidez, Joel; and Lions, Noel, to Commissariat a l'Energie Atomique. Secondary heat transfer circuit for a nuclear reactor. 4,519,978, 5-28-85, Cl. 376-307.000.
- Brachman, Dina I.: *See—*
  - Eigen, Edward; Twersky, David Z.; and Brachman, Dina I., 4,518,517, Cl. 252-107.000.
- Brachthauser, Karl-Heinz: *See—*
  - Sinner, Michael; Dietrichs, Hans-Hermann; Puls, Jurgen; Schweers, Werner; and Brachthauser, Karl-Heinz, 4,520,105, Cl. 435-163.000.
- Bracke, Harry: *See—*
  - Jahme, Hans-Joachim; and Bracke, Harry, 4,507,167, Cl. 156-345.000.
- Bracke, James W.; and Thacker, Kipling, to Diagnostic, Inc. Hyaluronic acid from bacterial culture. 4,517,295, 5-14-85, Cl. 435-101.000.
- Brackelmanns, Norbert W.: *See—*
  - Ford, Raymond T.; Brackelmanns, Norbert W.; Wheatley, Carl F., Jr.; and Neilson, John M. S., 4,532,534, Cl. 357-23.400.
- Brackman, Warren A.; and Snaidr, Stanislav M. Feeding tobacco cutting machines. 4,517,988, 5-21-85, Cl. 131-116.000.
- Brackman, William D., Jr., to General Electric Company. Commutation detection apparatus and method. 4,494,182, 1-15-85, Cl. 363-63.000.
- Brackman, William D., Jr.; D'Atre, John D.; and Walker, Loren H., to General Electric Company. Method for adaptive control in a power converter operating in a discontinuous current mode. 4,507,723, 3-26-85, Cl. 363-87.000.
- Brackmann, Warren A., to Rothmans of Pall Mall Canada Limited. Tobacco drying procedure. 4,512,353, 4-23-85, Cl. 131-304.000.
- Brackmann, Warren A.; and Snaidr, Stanislav M., to Rothmans of Pall Mall Canada Limited. Tobacco lamina and stem processing. 4,557,278, 12-10-85, Cl. 131-109.100.
- Bracoud, Corinne: *See—*
  - Chastrette, Francine; Bracoud, Corinne; and Chastrette, Maurice, 4,556,718, Cl. 549-449.000.
- Bradberry, Laylon E.: *See—*
  - Lau, Wing-Yan T.; and Bradberry, Laylon E., 4,494,388, Cl. 66-178.00A.
- Bradbrook, John D.: *See—*
  - Pettigrew, Robert M.; Bradbrook, John D.; Smith, Alan M.; and Fisher, John H., 4,522,482, Cl. 355-3.00R.
  - Wainwright, Ronald C.; Goy, Nicholas M.; Anderson, John D.; Pettigrew, Robert M.; and Bradbrook, John D., 4,541,695, Cl. 350-429.000.
- Bradburn, Marvin D.: *See—*
  - Woods, Richard E.; and Bradburn, Marvin D., 4,503,763, Cl. 100-35.000.
  - Woods, Richard E.; and Bradburn, Marvin D., 4,510,858, Cl. 100-35.000.
- Bradburn, Ronald G.: *See—*
  - Austin, James W.; Bradburn, Ronald G.; Cromwell, Clarence A.; Gratch, Eitan; Groiss, Erich; Perkins, Derek; and Walker, Robert A., 4,500,496, Cl. 423-55.000.
- Bradbury, Allan G.: *See—*
  - Fulger, Charles V.; and Bradbury, Allan G., 4,500,558, Cl. 426-622.000.
- Bradbury, Donald R.; Tsao, Chi-Wing; and Kamins, Theodore I., to Hewlett-Packard Company. CVD Lateral epitaxial growth of silicon over insulators. 4,522,662, 6-11-85, Cl. 148-175.000.
- Bradbury, Donald R.: *See—*
  - Kamins, Theodore I.; Bradbury, Donald R.; and Drowley, Clifford I., 4,507,158, Cl. 148-175.000.
- Braddick, Britt O. Arrangement to prevent premature expansion of expandable seal means. 4,537,251, 8-27-85, Cl. 166-196.000.
- Brademeyer, David L., to General Motors Corporation. Valve assembly. 4,498,299, 2-12-85, Cl. 60-562.000.
- Brademeyer, David L., to General Motors Corporation. Wheel cylinder assembly with proportioner. 4,553,471, 11-19-85, Cl. 91-173.000.
- Braden, Denver, to Palomar Systems & Machines, Inc. Means for processing miniature electronic components such as capacitors or resistors. 4,526,129, 7-2-85, Cl. 118-503.000.
- Braden, Rudolf: *See—*
  - Fiedler, Paul; and Braden, Rudolf, 4,536,344, Cl. 260-465.00R.
  - Klein, Gerhard; Arlt, Dieter; and Braden, Rudolf, 4,505,860, Cl. 260-453.00A.
  - Werner, Friedrich; Blank, Heinz U.; Cramm, Gunther; Braden, Rudolf; and Ziemann, Heinz, 4,495,369, Cl. 564-480.000.
- Brader, Kurt: *See—*
  - Grether, Paul; Brader, Kurt; and Keller, Bruno, 4,545,160, Cl. 52-172.000.
- Brader, Walter H., Jr.: *See—*
  - Lin, Jiang-Jen; and Brader, Walter H., Jr., 4,533,756, Cl. 568-454.000.
- Bradfield, Ganey W.; and Cragin, Glynn P., Jr., to General Dynamics Corporation. Propulsion system for a V/STOL airplane. 4,505,443, 3-19-85, Cl. 244-12.500.
- Bradfield, James E.: *See—*
  - Kahil, John E.; Jaynes, Mark S.; and Bradfield, James E., 4,492,115, Cl. 73-151.000.
  - Stanley, Roderic K.; Milewits, Marvin; Knauer, Robert C., Jr.; and Bradfield, James E., 4,555,665, Cl. 324-229.000.
- Bradford, Darlyne J. Lobe-pinching earring which simulates piercing earring. 4,538,429, 9-3-85, Cl. 63-14.00G.
- Bradford, Herbert G. Spot light for handbag and like receptacles. 4,517,627, 5-14-85, Cl. 362-156.000.
- Bradler, Hans J.; Brauner, Wilfried; Deyhle, Manfred; and Vogt, Karl H., to International Business Machines Corporation. Device for two-sided application of foils or similar material onto plate-shaped workpieces, and method of operating the same. 4,519,865, 5-28-85, Cl. 156-256.000.
- Bradley, Albert J.; and Lake, Barrie D. Adhesive applicators. 4,556,447, 12-3-85, Cl. 156-578.000.
- Bradley Corporation: *See—*
  - Barnum, Thomas G.; and Pelt, Thomas E., 4,498,203, Cl. 4-427.000.
  - Barnum, Thomas G.; Smart, William A., Jr.; and Mullett, Donald H., 4,538,307, Cl. 4-427.000.
  - Fromme, Klaus J.; and Champagne, Roger D., 4,558,472, Cl. 4-252.00R.
  - Smart, William A., Jr., 4,552,331, Cl. 251-95.000.
- Bradley, Earl C.: *See—*
  - Bradley, Earl C., Jr.; and vander Linden, John, 4,545,707, Cl. 408-111.000.
- Bradley, Earl C., Jr.; and vander Linden, John, to Bradley, Earl C. Drilling device for pipe joints. 4,545,707, 10-8-85, Cl. 408-111.000.
- Bradley, Fennimore N., to Midwest Components, Inc. Thermally actuated switch. 4,509,029, 4-2-85, Cl. 335-208.000.
- Bradley, Geoffrey; Hoarty, John T.; and Howarth, Ian M., to Internationale Octrooi Maatschappij "Octropa" B.V. Cementiferous compositions. 4,524,163, 6-18-85, Cl. 524-5.000.
- Bradley, Harvey, to Bradley Lifting, Corp. Coil up-ending grab. 4,492,402, 1-8-85, Cl. 294-103.0CG.
- Bradley, Irving, to General Electric Company. Truncated motor vehicle headlamp. 4,555,748, 11-26-85, Cl. 362-61.000.

Bradley, James D.; and Amundson, Gregg B., to Magnetic Controls Company. Printed circuit board card cage. 4,519,016, 5-21-85, Cl. 361-415.000.

Bradley, Jerome R.; Halvorsen, Robert M.; Hurst, Jeffrey B.; and Long, Gregory F., to Ex-Cell-O Corporation. Pressure atomizing fuel injection assembly. 4,491,272, 1-1-85, Cl. 239-5.000.

Bradley, John, to IVAC Corporation. Linear peristaltic pump. 4,561,830, 12-31-85, Cl. 417-474.000.

Bradley, John J.; and Hansen, Debra K., to Paper Converting Machine Company. Method of making elastic diapers, apparatus therefor, and product. 4,543,141, 9-24-85, Cl. 156-164.000.

Bradley, John J.: *See—*
Staplin, Theodore R., Jr.; Bradley, John J.; King, Richard L.; Miller, Robert C.; Miu, Ming T.; and Shen, Jian-Kuo, 4,495,571, Cl. 364-200.000.

Bradley, John M. Insulating article and method of making same. 4,535,016, 8-13-85, Cl. 428-74.000.

Bradley, John R.; Burkstrand, James M.; and Tibbetts, Gary G., to General Motors Corporation. Process for growing graphite fibers. 4,497,788, 2-5-85, Cl. 423-447.300.

Bradley, John S., to Gassett, John D., a part interest. Fluid waste disposal. 4,560,503, 12-24-85, Cl. 252-633.000.

Bradley Lifting, Corp.: *See—*
Bradley, Harvey, 4,492,402, Cl. 294-103.0CG.

Bradley, Robert E.; and Keithler, William R., to Lockheed Corporation. Protective coating composition and process for aluminum and aluminum alloys. 4,515,919, 5-7-85, Cl. 524-591.000.

Bradley, Russell, to Sporting Aid, Inc. Portable sporting implement holder. 4,531,643, 7-30-85, Cl. 211-64.000.

Bradley, Scott M.: *See—*
Weinberg, Robert A.; Tabin, Clifford J.; and Bradley, Scott M., 4,535,058, Cl. 435-6.000.

Bradley, William C., to Itek Corporation. Data compression apparatus and method for encoding and decoding multi-line signals. 4,562,467, 12-31-85, Cl. 358-135.000.

Bradley, William C.: *See—*
Hutchin, Richard A.; and Bradley, William C., 4,503,336, Cl. 250-578.000.

Bradley, William P.; Herman, Michael; and Paltrow, Robert W., to Bedford Engineering Co. Method of making envelope assemblies. 4,530,730, 7-23-85, Cl. 156-227.000.

Bradley, William P., to Bedford Engineering Co. High speed method of making envelopes each with a separate enclosure. 4,530,731, 7-23-85, Cl. 156-227.000.

Bradley, William P., to Bedford Engineering Co. High speed method of making envelopes each with a double folded removable enclosure. 4,531,993, 7-30-85, Cl. 156-227.000.

Bradley, Wilson E., Jr.; and Rye, Palle, to Evapco, Inc. Drift eliminator. 4,500,330, 2-19-85, Cl. 55-257.0PV.

Bradner, William T.: *See—*
Nettleton, Donald E., Jr.; Bush, James A.; Bradner, William T.; and Doyle, Terrence W., 4,552,842, Cl. 435-75.000.

Bradshaw, Cyril E., to Eaton Corporation. Exhaust gas recirculation control and subassemblies therefor. 4,531,498, 7-30-85, Cl. 123-568.000.

Bradshaw, Cyril E., to Eaton Corporation. Single coil vacuum/vent valve. 4,559,971, 12-24-85, Cl. 137-596.170.

Bradshaw, Cyril E.: *See—*
Kelly, William W.; and Bradshaw, Cyril E., 4,494,510, Cl. 123-568.000.
Kelly, William W.; and Bradshaw, Cyril E., 4,508,134, Cl. 137-103.000.

Bradshaw, John: *See—*
Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, 4,536,508, Cl. 514-383.000.
Collington, Eric W.; Hallett, Peter; Wallis, Christopher J.; and Bradshaw, John, 4,530,925, Cl. 514-211.000.
Price, Barry J.; Clitherow, John W.; Bradshaw, John; Martin-Smith, Michael; Judd, Duncan B.; and Hayes, Roger, 4,524,071, Cl. 514-272.000.

Bradshaw, John F., Jr.: *See—*
Burnham, Charles A.; Bradshaw, John F., Jr.; Kaufman, David E.; Chesler, David A.; and Brownell, Gordon L., 4,531,058, Cl. 250-363.00S.

Bradshaw, Larry R.: *See—*
Womack, Darryl L.; Noell, Ralph B.; and Bradshaw, Larry R., 4,554,913, Cl. 128-80.00C.

Bradshaw, Norman F., to Haden Schweitzer Corporation. Method and apparatus for conditioning air temperature and humidity. 4,494,596, 1-22-85, Cl. 165-20.000.

Bradshaw, Norman F.; and Schrubba, Gerald P., to Haden Schweitzer Corporation. Water curtain apparatus for heat energy recovery from escaping steam. 4,532,983, 8-6-85, Cl. 165-47.000.

Bradshaw, Peter D.: *See—*
Bingham, David; Evans, Lee L.; and Bradshaw, Peter D., 4,546,324, Cl. 330-9.000.

Bradshaw, Randolph F.; and Carey, Glen A., to Corning Glass Works. Friction drive for metering device. 4,539,854, 9-10-85, Cl. 73-864.180.

Bradshaw, Richard L., to International Business Machines Corporation. Flexible magnetic recording media having a polyester-polyurethane binder and chromium dioxide pigment. 4,525,424, 6-25-85, Cl. 428-425.900.

Bradshaw, William G.: *See—*
Sobota, James J.; and Bradshaw, William G., 4,534,291, Cl. 101-426.000.

Bradsher, O. D., Jr.: *See—*
Molloy, Michael P., 4,554,758, Cl. 43-61.000.

Bradt, Grodon E. Battery driven golf cart. 4,538,695, 9-3-85, Cl. 180-19.200.

Bradt, Richard C., to Metal Alloys, Inc. Method of consolidating a metallic or ceramic body. 4,501,718, 2-26-85, Cl. 419-49.000.

Brady, C. Eugene; Gottsche, Marcus J.; and Stoll, Paul W., to Stanadyne, Inc. Fuel injection pump with plunger stroke control. 4,493,617, 1-15-85, Cl. 417-214.000.

Brady, D. Ward; and Chapman, James F., to Honeywell Inc. Frangible ballast. 4,505,203, 3-19-85, Cl. 102-382.000.

Brady, Douglas M., to GTE Lenkurt Inc. Echo canceller dynamic range extension. 4,542,265, 9-17-85, Cl. 179-170.200.

Brady, Harold E., Jr., to Minnesota Mining and Manufacturing Company. Imageable prismatic array. 4,497,860, 2-5-85, Cl. 428-156.000.

Brady, John A., Jr., to United States of America, Navy. Computer-controlled system for protecting electric circuits. 4,530,024, 7-16-85, Cl. 361-63.000.

Brady, Joseph H.; Koenig, Albert A.; and Straub, Harry, to General Electric Company. Tubular assembly for transferring fluids. 4,538,834, 9-3-85, Cl. 285-10.000.

Brady, Lewis L.: *See—*
Doner, August K.; Brady, Lewis L.; and Alvarado, Jesse T., 4,505,334, Cl. 166-284.000.

Brady, Michael M.: *See—*
Finn, Lyle D.; Volkert, Bruce C.; Matthews, Jamie F., Jr.; and Brady, Michael M., 4,523,877, Cl. 405-195.000.

Brady, Robert T.; and Gardell, Harry L., to Vapor Corporation. Refractory choke for a high intensity combustor. 4,538,551, 9-3-85, Cl. 122-367.00R.

Brady, Thomas R.; and Benner, Lester C., to Owens-Corning Fiberglas Corporation. Asphalt shingles - color blend drop sequence randomized by deposition means controlled by random signal generator to obviate stripes on roof. 4,523,543, 6-18-85, Cl. 118-697.000.

Brady, William C.: *See—*
Perkins, Richard A.; Brady, William C.; and Glaser, Hellmut I., 4,518,406, Cl. 65-1.000.
Perkins, Richard A.; Brady, William C.; and Turner, Paul W., 4,536,202, Cl. 65-1.000.

Braehler, Hermann: *See—*
Thiel, Rudolf; Weisbrod, Helmut; and Braehler, Hermann, 4,537,291, Cl. 188-73.380.

Braemer, Mark C., to BASF Wyandotte Corporation. Method of producing antistatic expandable polystyrene products. 4,556,680, 12-3-85, Cl. 521-57.000.

Braese, Hans-Eberhard: *See—*
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Lindner, Christian; Ott, Karl-Heinz; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,743, Cl. 525-80.000.
Lindner, Christian; Ott, Karl-Heinz; and Braese, Hans-Eberhard, 4,522,959, Cl. 523-335.000.
Ott, Karl-Heinz; Lindner, Christian; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,515, Cl. 525-79.000.

Braestrup, Claus T.; Christensen, Joergen A.; Engelstoft, Mogens; and Waetjen, Frank, to A/S Ferrosan. Oxadiazolyl-imidazo-[1,4]benzodiazepines and their use in treatment of diseases of the central nervous system. 4,507,313, 3-26-85, Cl. 514-220.000.

Braetsch, Hartmut; and Herter, Karl, to Kaltenbach & Voigt GmbH & Co. Foot-actuated control arrangment particularly for dental arrangment. 4,523,911, 6-18-85, Cl. 433-101.000.

Braga, Thomas G.: *See—*
French, Eddie; and Braga, Thomas G., 4,500,445, Cl. 252-387.000.

Bragas, Peter: *See—*
Bolle, Gunter; Bragas, Peter; and Eschke, Bernd, 4,515,994, Cl. 179-2.00R.

Bragg, Duncan D.; and Wentworth, Robert S., to Borg-Warner Corporation. Low emission valve. 4,537,385, 8-27-85, Cl. 251-214.000.

Bragg, James R., to Exxon Production Research Co. Method for improving injectivities of biopolymer solutions. 4,493,774, 1-15-85, Cl. 252-8.55D.

Bragin, Boris F.; Korotkikh, Jury B.; Markuntovich, Felix D.; and Olofinsky, Evgeny P. Gate valve. 4,505,452, 3-19-85, Cl. 251-326.000.

Bragin, Boris F.; Gladky, Petr V.; Markuntovich, Felix D.; Perepletchikov, Evgeny F.; Frumin, Isidor I.; and Ekber, Boris Y. Valve housing. 4,506,865, 3-26-85, Cl. 251-366.000.

Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.; Perepletchikov, Evgeny F.; and Ekber, Boris Y., to Voroshilovgradsky Mashinostroitelny Institut. Gate valve. 4,534,540, 8-13-85, Cl. 251-203.000.

Braginetz, Paul A., to Fishburne, B. P., Jr.; and Wilson, Marlin G. Deck board anchor bracket. 4,527,375, 7-9-85, Cl. 52-712.000.

Braginsky, Yakov I.; Gultsev, Igor V.; Mitrofanov, Viktor A.; Nikitushkin, Nikolai A.; and Yaroshenko, Yury F., to Vsesojuzny Nauchno-Issledovatelsky I Exerimentalno-Konstruktorsky Institut Prodovol-Stvennogo Mashinostroenia. Apparatus for recovering meat of small crustaceans. 4,517,707, 5-21-85, Cl. 17-71.000.

Bragulla, Siegfried, to Henkel Kommanditgesellschaft auf Aktien. Method of using alkyl monophosphoric acids as germicidal agents. 4,528,110, 7-9-85, Cl. 252-106.000.

Brahm, David J.; Grinn, James M.; Hepler, Edward L.; and Sullivan, John M., to AT&T Bell Laboratories. Deadlock detection and resolution scheme. 4,494,193, 1-15-85, Cl. 364-200.000.

Braid, Milton; and Horodysky, Andrew G., to Mobil Oil Corporation. Hindered phenyl esters of cyclic borates and lubricants containing same. 4,507,216, 3-26-85, Cl. 252-49.600.

Braid, Milton; and Landis, Phillip S., to Mobil Oil Corporation. Fuel additive and method of use. 4,509,956, 4-9-85, Cl. 44-68.000.

Braid, Milton, to Mobil Oil Corporation. Lubricant compositions containing N-tertiary alkyl benzotriazoles. 4,519,928, 5-28-85, Cl. 252-50.000.

Braid, Milton; and Landis, Phillip S., to Mobil Oil Corporation. Additives for improving the research octane number of liquid hydrocarbon fuels. 4,536,192, 8-20-85, Cl. 44-68.000.

Braid, Milton, deceased (by Frangatos, Gerassimos, executor), to Mobil Oil Corporation. Phenol-hindered phenol borates and lubricant compositions containing same. 4,530,770, 7-23-85, Cl. 252-49.600.

Braid, Milton, deceased (by Frangatos, Gerassimos, executor), to Mobil Oil Corporation. Borate esters and lubricant compositions containing such esters. 4,547,302, 10-15-85, Cl. 252-48.400.

Braid, Milton, deceased (by Frangatos, Gerassimos, executor), to Mobil Oil Corporation. Phenolic antioxidants and lubricants containing same. 4,551,259, 11-5-85, Cl. 252-48.200.

Brail, Fred: *See—*
Foley, Daniel M., Jr., 4,549,369, Cl. 49-279.000.

Braillon & Cie: *See—*
Braillon, Philibert M., 4,542,890, Cl. 269-8.000.

Braillon, Philibert M., to Braillon & Cie. Magnetic chuck. 4,542,890, 9-24-85, Cl. 269-8.000.

Brain, Archibald I. J. Artificial airway device. 4,509,514, 4-9-85, Cl. 128-207.150.

Brain, Charles; and Johnston, Barry, to J. M. Smucker Company, The. Spreadable honey. 4,532,143, 7-30-85, Cl. 426-577.000.

Brainard, Edward C., II, to ENDECO Canada Limited. Portable memory module. 4,510,551, 4-9-85, Cl. 361-398.000.

Brainard, John P.: *See—*
Bacon, Frank M.; Brainard, John P.; O'Hagan, James B.; and Walko, Robert J., 4,529,571, Cl. 376-144.000.

Brainard, Richard H.: *See—*
Sykes, Huey P.; and Brainard, Richard H., 4,503,414, Cl. 337-31.000.

Braintech, Inc.: *See—*
Culver, Norman D., 4,498,080, Cl. 340-728.000.

Braithwaite, David, to Emhart Industries, Inc. Parison screening in a glassware forming machine. 4,518,412, 5-21-85, Cl. 65-244.000.

Braithwaite, David; Walker, Richard A.; Bystrianyk, Wasyl; Scott, Paul F.; and Douglas, Robert J., to Emhart Industries, Inc. Electropneumatic actuator for glassware forming machine. 4,557,746, 12-10-85, Cl. 65-163.000.

Braithwaite, Gavin B.: *See—*
Akhavein, Ali A.; and Braithwaite, Gavin B., 4,495,898, Cl. 119-156.000.

Braithwaite, Jack: *See—*
Thornley, Derek; and Braithwaite, Jack, 4,532,570, Cl. 361-93.000.

Braithwaite, John D.; King, Derrick O.; and Williams, Sidney J., to Black & Decker Inc. Apparatus for feeding a liquid to an applicator. 4,552,477, 11-12-85, Cl. 401-188.00R.

Braitsch, Hans; Ortwein, Hermann; and Vorwald, Josef, to Clouth Gummiwerke Aktiengesellschaft. Railway road bed. 4,500,037, 2-19-85, Cl. 238-2.000.

Brajder, Antonio; and Hantke, Klaus, to Siemens Aktiengesellschaft. Method and circuit for generating drive pulses for a DC control element. 4,523,268, 6-11-85, Cl. 363-98.000.

Brajder, Antonio; and Hantke, Klaus, to Siemens Aktiengesellschaft. Triangle waveform generator. 4,524,334, 6-18-85, Cl. 331-135.000.

Brajder, Antonio, to Siemens Aktiengesellschaft. Protective circuit for a switching transistor. 4,525,765, 6-25-85, Cl. 361-88.000.

Brak, Stephen B., to United States of America, Energy. Bag-out material handling system. 4,493,179, 1-15-85, Cl. 53-576.000.

Brake, Arthur L., to Vickers PLC of Vickers House. Releasable anchor connector for tension leg platform. 4,498,814, 2-12-85, Cl. 405-224.000.

Brake, Bobby G.: *See—*
Rao, S. Prabhakara; Brothers, Lance E.; and Brake, Bobby G., 4,522,653, Cl. 106-90.000.

Brake, Werner: *See—*
Diemer, Peter; Brake, Werner; and Dittmer, Rainer, 4,511,549, Cl. 423-574.00R.

Brakelmann, Wolfgang, to Holstein & Kappert GmbH. Method of and device for cleaning hollow spaces in double seat valves. 4,552,167, 11-12-85, Cl. 137-15.000.

Braksmayer, Diza P., to FMC Corporation. Flame retardant thermoplastic polycarbonate polymers. 4,556,698, 12-3-85, Cl. 525-469.000.

Bralorne Resources Limited: *See—*
Johnson, Clarence W., 4,494,778, Cl. 285-146.000.
Krepela, Josef; and Friedrich, Jaromir, 4,537,386, Cl. 251-302.000.

Bramaud, Bernard: *See—*
Hennechart, Jean-Paul; Bramaud, Bernard; and Prat, Francois, 4,502,408, Cl. 118-61.000.

Bramlage GmbH: *See—*
Mettenbrink, Herbert, 4,545,510, Cl. 222-209.000.

Bramlett, Kenneth W.: *See—*
Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., 4,501,454, Cl. 384-619.000.
Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., 4,546,836, Cl. 175-107.000.

Brammer, Hartmut; and Kaiser, Harry, to Robert Bosch GmbH. Ignition distributor cap. 4,529,850, 7-16-85, Cl. 200-19.0DC.

Bramwell, Frank; and MacLennan, Roderick A., to United Technologies Corporation. Redundant tail rotor control system. 4,529,155, 7-16-85, Cl. 244-232.000.

Bramwell, Frank; and DeSouza, John, to United Technologies Corporation. Grounding of a control rod extending through an opening in a structure. 4,538,019, 8-27-85, Cl. 174-6.000.

Branca, Quirico: *See—*
Aschwanden, Werner; Branca, Quirico; Kyburz, Emilio; and Pfister, Rudolf, 4,513,002, Cl. 514-408.000.

Branca, Virgilio, to Somiver s.r.l. Apparatus for forming centrifuged poles. 4,518,342, 5-21-85, Cl. 425-435.000.

Branche, Bernard: *See—*
Durivault, Jean; and Branche, Bernard, 4,526,336, Cl. 248-349.000.

Brancheau, Harry A.: *See—*
Nussdorfer, William R.; Brancheau, Harry A.; and Clark, Steven C., 4,550,770, Cl. 165-29.000.

Branco, Antonio: *See—*
Ford, James M.; Dean, Robert A.; Woodard, Kenneth E., Jr.; and Branco, Antonio, 4,500,379, Cl. 156-172.000.

Brancq, Bernard; and Malandain, Michel, to SEPPIC. Film-forming compositions for enveloping solid forms, particularly pharmaceutical or food products or seeds, and products obtained, coated with said compositions. 4,513,019, 4-23-85, Cl. 427-3.000.

Brand, Bernhard: *See—*
Richter, Bruno; and Brand, Bernhard, 4,492,473, Cl. 356-386.000.

Brand, Derek A.; Brand, Derek R.; and Brand, Kenneth J., to Derek and Derek. Push-down actuated toy. 4,516,952, 5-14-85, Cl. 446-427.000.

Brand, Derek R.: *See—*
Brand, Derek A.; Brand, Derek R.; and Brand, Kenneth J., 4,516,952, Cl. 446-427.000.

Brand, Erich: *See—*
Lochner, Kaspar; Schurmann, Helmut; and Brand, Erich, 4,518,513, Cl. 252-62.000.

Brand, Glen. Flow monitoring method and device. 4,515,022, 5-7-85, Cl. 73-861.790.

Brand, Glen; and Chew, Timmy L. Four-way valve. 4,520,841, 6-4-85, Cl. 137-270.000.

Brand, Julia A.; and Morgan, Lee W., to S. C. Johnson & Son, Inc. Bulk polymerization process for preparing high solids and uniform copolymers. 4,546,160, 10-8-85, Cl. 526-320.000.

Brand, Kenneth J.: *See—*
Brand, Derek A.; Brand, Derek R.; and Brand, Kenneth J., 4,516,952, Cl. 446-427.000.

Brand, Leonard J.; and Nadelson, Jeffrey, to Sandoz, Inc. Isoxazolyl indolamines. 4,499,279, 2-12-85, Cl. 548-247.000.

Brand, Leonard J.; and Nadelson, Jeffrey, to Sandoz, Inc. Isoxazolyl indolamines having anti-diabetic activity. 4,536,499, 8-20-85, Cl. 514-212.000.

Brand, Michael J.; and Callejas, Ricardo J., to Phillips Petroleum Company. Fractional distillation. 4,545,895, 10-8-85, Cl. 208-351.000.

Brand, Peter, to Acutherm, Ltd. Thermally actuated diffuser. 4,491,270, 1-1-85, Cl. 236-49.000.

Brand, Peter; Lorenzen, Heinz-Christen; Heitmann, Uwe; and Menzel, Peter, to Hauni-Werke Korber & Co. KG. Method and apparatus for monitoring the diameters of rod-shaped products of the tobacco processing industry. 4,543,816, 10-1-85, Cl. 73-37.600.

Brand, Peter: *See—*
Kline, James R.; and Brand, Peter, 4,515,069, Cl. 98-40.00D.
Kline, James R.; and Brand, Peter, 4,523,713, Cl. 236-1.00C.

Brand, Peter J.: *See—*
Lester, Graham G.; Brand, Peter J.; and Deane, Graham, 4,526,573, Cl. 604-33.000.

Brand-Rex Company: *See—*
Johnston, James J., 4,498,723, Cl. 339-97.00P.
Johnston, James J., 4,541,680, Cl. 339-98.000.
Snow, Howard R., 4,542,946, Cl. 339-40.000.

Brand, Robert D.; and Runyan, Ralph D., to Capital Machine Company, Inc. Optical cutting edge locator for a cutting apparatus. 4,503,740, 3-12-85, Cl. 83-521.000.

Brand, Robert D., to Capital Machine Company, Inc. Dog system for veneer slicer. 4,503,896, 3-12-85, Cl. 144-369.000.

Brand, Rolf. Propeller and engine mounting device. 4,500,053, 2-19-85, Cl. 244-54.000.

Brand, Rolf. Lightweight aircraft. 4,560,119, 12-24-85, Cl. 244-13.000.

Brand, William W.: *See—*
Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.

Brandauer, Emil: *See—*
Kuhlmann, Gerhard; Schleihauf, Gerhard; and Brandauer, Emil, 4,493,865, Cl. 428-52.000.
Kuhlmann, Gerhard; Schleihauf, Gerhard; and Brandauer, Emil, 4,507,353, Cl. 428-222.000.

Brandeau, Edward P., to Thomas & Betts Corporation. Wire termination system and terminator therefor. 4,518,216, 5-21-85, Cl. 339-97.00P.

Brandeau, Edward P., to Thomas & Betts Corporation. Method of making wire terminations. 4,524,510, 6-25-85, Cl. 29-861.000.

Brandeau, Edward P., to Thomas & Betts Corporation. Wire termination tool. 4,532,691, 8-6-85, Cl. 29-566.400.

Brandenburg, Frank J., Jr. Sun tracking solar air heating system. 4,497,311, 2-5-85, Cl. 126-425.000.

Brandenburg, Klaus; and Weber, Wendelin, to U.S. Philips Corporation. Printer having automatic paper positioning means. 4,543,004, 9-24-85, Cl. 400-649.000.

Brandenburger, Gary H.: *See—*
- Heyman, Joseph S.; and Brandenburger, Gary H., 4,513,750, Cl. 128-660.000.

Brandenstein, Manfred; Hans, Rudiger; and Kiener, Heinz, to SKF Kugellagerfabriken GmbH. Sealing arrangement. 4,509,764, 4-9-85, Cl. 277-166.000.

Brandenstein, Manfred; Haas, Roland; Edelmann, Ludwig; and Hans, Rudiger, to SKF Kugellagerfabriken GmbH. Tension roller for drive belts. 4,516,962, 5-14-85, Cl. 474-112.000.

Brandenstein, Manfred, to SKF Kugellagerfabriken GmbH. Hydraulic release arrangement, especially for vehicle clutches. 4,524,855, 6-25-85, Cl. 192-88.00A.

Brandenstein, Manfred; Haas, Roland; Friedrich, Wolfgang; and Hans, Rudiger, to SKF Kugellagerfabriken GmbH. Sealing ring assembly for rolling bearings. 4,525,082, 6-25-85, Cl. 384-138.000.

Brandenstein, Manfred; Walter, Lothar; and Kiener, Heinz, to SKF Kugellagerfabriken GmbH. Hydraulically operable release arrangement. 4,526,259, 7-2-85, Cl. 192-91.00A.

Brandenstein, Manfred; and Hans, Rudiger, to SKF Kugellagerfabriken GmbH. Bearing arrangement for a driven wheel of a vehicle. 4,537,270, 8-27-85, Cl. 180-70.100.

Brandenstein, Manfred; Haas, Roland; Herrmann, Gerhard; and Hans, Rudiger, to SKF Kugellagerfabriken GmbH. Tension roller. 4,557,708, 12-10-85, Cl. 474-112.000.

Brandenstein, Manfred; Haas, Roland; and Hans, Rudiger, to SKF Kugellagerfabriken GmbH. Expanding wedge actuation device. 4,558,768, 12-17-85, Cl. 188-343.000.

Brandenstein, Manfred; Haas, Roland; and Hartmann, Hein, to SKF Kugellagerfabriken GmbH. Hydraulically actuated clutch throw-out. 4,560,051, 12-24-85, Cl. 192-98.000.

Brandenstein, Manfred: *See—*
- Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
- Hans, Rudiger; and Brandenstein, Manfred, 4,511,192, Cl. 384-543.000.
- Hans, Rudiger; Brandenstein, Manfred; Friedrich, Wolfgang; and Haas, Roland, 4,534,749, Cl. 474-174.000.
- Hans, Rudiger; and Brandenstein, Manfred, 4,549,442, Cl. 74-110.000.
- Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.

Brander, Richard, to Beltone Electronics Corporation. Electronic hearing aid control circuit. 4,543,453, 9-24-85, Cl. 179-107.00R.

Brander, Rita W.; and Raap, Teresa A., to General Foods Corporation. Meat analog product. 4,495,205, 1-22-85, Cl. 426-104.000.

Brander, Rita W.; Hammond, John E.; and Pasch, John H., to General Foods Corporation. Red colored meat analog. 4,536,406, 8-20-85, Cl. 426-104.000.

Brander, Rita W.; Raap, Teresa A.; and Gessler, Joseph F., to General Foods Corporation. Soy milk containing cheese analog. 4,556,569, 12-3-85, Cl. 426-104.000.

Brander, Rita W.; Raap, Teresa A.; and Rankowitz, Marshall M., to General Foods Corporation. Vienna sausage meat analog. 4,556,570, 12-3-85, Cl. 426-104.000.

Brandes, Carlos E.; and Spatz, Gunter, to Alcoa Deutschland GmbH. Lid for a container neck provided with a thread or undercut shoulder. 4,511,053, 4-16-85, Cl. 215-252.000.

Brandes, Donald, to Transformatoren Union Aktiengesellschaft. Three-phase choke with a five-leg core. 4,531,108, 7-23-85, Cl. 336-5.000.

Brandes, Wilhelm; Kaspers, Helmut; Reinecke, Paul; Scheinpflug, Hans; and Kramer, Wolfgang, to Bayer Aktiengesellschaft. Mixture of fungicidal agents. 4,514,402, 4-30-85, Cl. 514-250.000.

Brandes, Wilhelm; and Daum, Werner, to Bayer Aktiengesellschaft. Fungicidal azole-substituted oximino-cyano-acetamide derivatives. 4,518,605, 5-21-85, Cl. 514-383.000.

Brandes, Wilhelm; and Daum, Werner, to Bayer Aktiengesellschaft. Fungicidally active substituted oximinoacetanilides. 4,537,905, 8-27-85, Cl. 514-521.000.

Brandes, Wilhelm: *See—*
- Elbe, Hans-Ludwig; Buchel, Karl H.; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,500,537, Cl. 514-383.000.
- Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; and Scheinpflug, Hans, 4,547,515, Cl. 514-383.000.
- Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Hanssler, Gerd; and Reinecke, Paul, 4,562,198, Cl. 514-383.000.
- Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.
- Holmwood, Graham; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Paul, Volker, 4,518,600, Cl. 514-256.000.
- Holmwood, Graham; Buchel, Karl H.; Lurssen, Klaus; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,532,341, Cl. 549-559.000.
- Holmwood, Graham; Stetter, Jorg; Buchel, Karl H.; Reinecke, Paul; Brandes, Wilhelm; and Scheinpflug, Hans, 4,548,945, Cl. 514-383.000.
- Jager, Gerhard; Buchel, Karl H.; Kramer, Wolfgang; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,505,922, Cl. 514-383.000.
- Jager, Gerhard; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,514,409, Cl. 514-383.000.
- Kraatz, Udo; Jager, Gerhard; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; Scharf, Hans-Dieter; and Frauenrath, Herbert, 4,559,355, Cl. 514-383.000.
- Kramer, Wolfgang; Reiser, Wolf; Berg, Dieter; Brandes, Wilhelm; and Reinecke, Paul, 4,503,059, Cl. 514-326.00A.
- Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, 4,549,900, Cl. 71-92.000.
- Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Regel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,530,715, Cl. 71-76.000.
- Kuhle, Engelbert; Brandes, Wilhelm; Rosslenbroich, Hans-Jurgen; and Klauke, Erich, 4,496,575, Cl. 514-390.000.
- Kuhle, Engelbert; Hagemann, Hermann; Paul, Volker; and Brandes, Wilhelm, 4,514,417, Cl. 514-482.000.
- Kuhle, Engelbert; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,515,812, Cl. 514-592.000.
- Kuhle, Engelbert; Stegelmeier, Hartmut; Brandes, Wilhelm; and Hanssler, Gerd, 4,529,735, Cl. 514-407.000.
- Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Brandes, Wilhelm; and Reinecke, Paul, 4,562,208, Cl. 514-593.000.
- Marzolph, Gerhard; Blank, Heinz U.; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,552,890, Cl. 514-425.000.
- Maurer, Fritz; Brandes, Wilhelm; Kuck, Karl-Heinz; Reinecke, Paul; and Scheinpflug, Hans, 4,521,420, Cl. 514-259.000.
- Niemers, Ekkehard; Lunkenheimer, Winfried; and Brandes, Wilhelm, 4,491,595, Cl. 424-326.000.
- Oeckl, Siegfried; Schmitt, Hans-Georg; and Brandes, Wilhelm, 4,560,694, Cl. 514-359.000.
- Preuss, Reinhard; Perrey, Hermann; Ritter, Helmut; Reinecke, Paul; and Brandes, Wilhelm, 4,535,074, Cl. 514-93.000.
- Richter, Roland; Reinecke, Paul; Muller, Hanns P.; Bonse, Gerhard; and Brandes, Wilhelm, 4,560,738, Cl. 528-62.000.
- Stegelmeier, Hartmut; and Brandes, Wilhelm, 4,515,801, Cl. 514-403.000.
- Weissmuller, Joachim; Kramer, Wolfgang; Berg, Dieter; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,542,130, Cl. 514-212.000.

Brandi, Adolph J., Sr.: *See—*
- Abbott, James G.; Berley, Jerry W.; Ward, Allen E., Jr.; and Brandi, Adolph J., Sr., 4,501,710, Cl. 264-40.100.

Brandi, Roberto; Di Lena, Francesco; Vanore, Silvestro; Naess, Tor; and Schamaun, Paul U., to Norsk Agip A/S. Off-shore mooring structure. 4,543,014, 9-24-85, Cl. 405-207.000.

Brandigampola, Don E., to Valcom Limited. Antenna construction. 4,500,888, 2-19-85, Cl. 343-873.000.

Brandin, Christopher L. Digital data storage methods and apparatus. 4,527,239, 7-2-85, Cl. 364-300.000.

Brandl, Rudolf; and Doll, Herbert, to Heckler & Koch GmbH. Silenced hand-held firearm with rotating tube and sleeve. 4,501,189, 2-26-85, Cl. 89-14.400.

Brandner, Alexander: *See—*
- Diamantoglou, Michael; Brandner, Alexander; and Meyer, Gerhard, 4,543,409, Cl. 536-68.000.

Brandolf, Henry E., to Multi-Arc Vacuum Systems Inc. Vapor deposition apparatus and method. 4,511,593, 4-16-85, Cl. 427-37.000.

Brandon, Arthur: *See—*
- Goldberg, Marvin; and Brandon, Arthur, 4,526,781, Cl. 424-70.000.

Brandon, Bernard; Bailly, Andre; and Meunier, Francis, to Centre Technique des Industries; and Centre National de la Recherche Scientifique. Thermodynamic apparatus for cooling and heating by adsorption on a solid adsorbent and process for using the same. 4,548,046, 10-22-85, Cl. 62-79.000.

Brandon, Craig A.: *See—*
- Johnston, Lawton L.; and Brandon, Craig A., 4,520,520, Cl. 8-151.000.

Brandon, Kenneth F.: *See—*
- Budinski, Kenneth G.; and Brandon, Kenneth F., 4,546,465, Cl. 369-287.000.

Brandon, Ralph E.; Davis, Charles J.; Ring, Michael; and Swenson, Roy S., to International Paper Company. Wet-laid, non-woven fabrics. 4,512,849, 4-23-85, Cl. 162-157.200.

Brandrup, Johannes: *See—*
- Busch, Wolfram; Brandrup, Johannes; and Fleischer, Dietrich, 4,562,224, Cl. 524-519.000.

Brands, George B.; and Hyllberg, Bruce E., to American Roller Company. Impression roller for limiting charge distribution. 4,513,660, 4-30-85, Cl. 101-1.000.

Brands, George B.: *See—*
- Hyllberg, Bruce E.; and Brands, George B., 4,493,256, Cl. 101-216.000.

Brandsaeter, Helge; and Eimstad, Olav, to Geophysical Company of Norway A/S. Method for use in marine seismic data gathering. 4,506,352, 3-19-85, Cl. 367-21.000.

Brandsaeter, Helge; Ommundsen, Tor A.; and Mjoen, Oyvind, to Geophysical Company of Norway A/S. System for sorting seismic data in marine surveys. 4,561,073, 12-24-85, Cl. 367-19.000.

Brandsma, Johan R.; Bruekers, Alphons A. M. L.; and Kessels, Jozef L. W., to U.S. Philips Corporation. Method and system of transmitting digital information in a transmission ring. 4,553,234, 11-12-85, Cl. 370-86.000.

Brandstadter, Manfred: *See—*
- Sudbeck, Rainer; Baumgartner, Hans; and Brandstadter, Manfred, 4,526,521, Cl. 418-55.000.

Sudbeck, Rainer; Baumgartner, Hans; and Brandstadter, Manfred, 4,531,899, Cl. 418-59.000.

Brandstater, Manfred; and Konnemann, Alfred, to Grote & Hartmann GmbH & Co. KG. Resistance heating element. 4,553,126, 11-12-85, Cl. 338-319.000.

Brandstatter, Hans G., to Ontario Research Foundation. Recovery of titanium values. 4,521,385, 6-4-85, Cl. 423-76.000.

Brandstetter, Aharon, to Australian National University, The. Arrays of polarized energy-generating elements. 4,513,167, 4-23-85, Cl. 136-244.000.

Brandstetter, Franz: *See—*
  Hambrecht, Juergen; Brandstetter, Franz; Ziegler, Walter; Mueller, Wolfgang F.; Bronstert, Klaus; and Echte, Adolf, 4,526,927, Cl. 525-68.000.
  Reimann, Horst; Ziegler, Walter; Brandstetter, Franz; Theysohn, Rainer; and Pflueger, Richard, 4,554,320, Cl. 525-183.000.

Brandstetter, Robert W.: *See—*
  Lindig, Charles E.; Brandstetter, Robert W.; and Doucette, Adrian R., 4,522,466, Cl. 350-162.120.

Brandstrom, Arne E.; and Lamm, Bo R., to Aktiebolaget Hassle. Certain pyridyl-N-oxide intermediates for the preparation of omeprazole. 4,544,750, 10-1-85, Cl. 546-290.000.

Brandt, Cornelis G., to U.S. Philips Corporation. X-Ray analysis apparatus having an adjustable stray radiation slit. 4,535,469, 8-13-85, Cl. 378-081.000.

Brandt, Daniel, to United States of America, Energy. Gas shielding apparatus. 4,562,334, 12-31-85, Cl. 219-74.000.

Brandt, David S.; and Costello, Samuel J., to Allied Corporation. Apparatus and process for forming articles by heading. 4,498,326, 2-12-85, Cl. 72-318.000.

Brandt, Eckhard; and Wolf, Wolfram, to E.C.H. Will (GmbH & Co.). Apparatus for expelling air from stacks of paper sheets or the like. 4,509,417, 4-9-85, Cl. 100-90.000.

Brandt, Eckhard; and Schultz, Friedrich, to E.C.H. Will (GmbH & Co.). Method and apparatus for forming a stream of partly overlapping paper sheets. 4,548,404, 10-22-85, Cl. 271-303.000.

Brandt, Herman F.; and Gibson, Franklin R., to General Motors Corporation. Dynamic combustion characteristic sensor for internal combustion engine. 4,491,010, 1-1-85, Cl. 73-35.000.

Brandt, Horst; Gehrke, Gunter; Muders, Rolf; Otten, Hans-Gunter; and Wiegner, Dieter, to Bayer Aktiengesellschaft. Mixtures of disperse dyestuffs. 4,523,926, 6-18-85, Cl. 8-639.000.

Brandt, Howard E., to United States of America, Army. High power millimeter-wave source. 4,553,068, 11-12-85, Cl. 315-4.000.

Brandt, Joachim; Deblitz, Gerhard; Post, Jurgen; Willimczik, Bernd; Marten, Rolf; Paschen, Rolf; and Anderka, Gerold, to Koh-I-Noor Rapidograph, Inc. Drawing pen exchanger for computer controlled drawing machines. 4,496,958, 1-29-85, Cl. 346-139.00R.

Brandt, Joachim: *See—*
  Anderka, Gerold; Brandt, Joachim; Deblitz, Gerhard; Martens, Rolf; Paschen, Rolf; and Willimczik, Bernd, 4,552,483, Cl. 403-288.000.

Brandt, Jobst, to Hoffacker, Bernhard; and Hoffacker, Neal. Bicycle shoe. 4,547,983, 10-22-85, Cl. 36-131.000.

Brandt, Kim: *See—*
  Huffman, James; Brandt, Kim; and Doutre, Alton G., 4,553,892, Cl. 414-121.000.

Brandt, Lennart; and Pichl, Heinz, to AB Volvo Penta. Inboard outboard drive. 4,501,560, 2-26-85, Cl. 440-53.000.

Brandt, Lennart; and Pichl, Heinz, to AB Volvo Penta. Inboard outboard drive and mounting therefor. 4,543,068, 9-24-85, Cl. 440-53.000.

Brandt, Lennart H., to AB Volvo Penta. Propeller drive unit for boats. 4,529,387, 7-16-85, Cl. 440-66.000.

Brandt, Maurice W.: *See—*
  Spietzer, Barry; Swiatlowski, George J.; and Brandt, Maurice W., 4,523,377, Cl. 29-773.000.

Brandt, Randy. Integrated connector and modem. 4,543,450, 9-24-85, Cl. 179-2.00C.

Brandt, Richard W., to Orchard Machinery Corporation. Deformable pad for tree clamping jaws. 4,521,468, 6-4-85, Cl. 428-35.000.

Brandt, Steven: *See—*
  Thottathil, John K.; Moniot, Jerome L.; Floyd, David; and Brandt, Steven, 4,501,901, Cl. 548-532.000.

Brandt, Walter A., III. Separable ski. 4,530,511, 7-23-85, Cl. 280-603.000.

Brandtjen & Kluge, Inc.: *See—*
  Ury, Frank, 4,512,561, Cl. 270-40.000.

Brandyberry, Dennis R.; and Rye, Grover W., to Goodyear Tire & Rubber Company, The. Manufacture of metallic cable. 4,495,759, 1-29-85, Cl. 57-58.520.

Brandyberry, Dennis R.: *See—*
  Palmer, Kenneth J.; Brandyberry, Dennis R.; and Rye, Grover W., 4,516,395, Cl. 57-237.000.

Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., to Duncan Electric Company, Inc. Programmable demand register with two way communication through an optical port and external reading devices associated therewith. 4,542,469, 9-17-85, Cl. 364-483.000.

Braner Enterprises: *See—*
  Richards, Lawrence J., 4,504,186, Cl. 414-744.00A.

Branham, Doud R., to International Game Technology. Coin handling apparatus. 4,518,001, 5-21-85, Cl. 133-5.00R.

Branham Industries, Inc.: *See—*
  Dysarz, Edward D., 4,552,498, Cl. 414-22.000.

Branham, Tillman W., to Connell, Joseph N. Safety jumper cables. 4,527,111, 7-2-85, Cl. 320-26.000.

Brankamp, Klaus; Bialas, Volker; and Bongartz, Heinz B., to Brankamp, Klaus. Method for detecting and recognizing deviations of cyclically recurring processes for the shaping of workpieces. 4,519,040, 5-21-85, Cl. 364-474.000.

Brankamp, Klaus; and Bongartz, Heinz B., to Brankamp, Klaus. Press apparatus for detecting a force occurring between two oppositely movable machine parts. 4,523,483, 6-18-85, Cl. 73-862.540.

Branker, H. Earle. Multi-position sectional mattress. 4,528,706, 7-16-85, Cl. 5-465.000.

Brankiewicz, Alex J.; Bunge, Richard H.; French, James C.; Hokanson, Gerard C.; Hurley, Timothy R.; and Schaumberg, John P., to Warner-Lambert Company. CL-1577D And CL-1577E antibiotic/antitumor compounds, their production and use. 4,539,203, 9-3-85, Cl. 424-117.000.

Brann, David E., to General Motors Corporation. High output oil cooled floating piston. 4,502,422, 3-5-85, Cl. 123-41.350.

Brannen, Wyley W. Post-collision fire prevention device. 4,524,287, 6-18-85, Cl. 307-10.00R.

Branning, Merle L., to Nalco Chemical Company. Flocculant composition. 4,549,967, 10-29-85, Cl. 210-728.000.

Brannon, James H.; and Lankard, John R., Sr., to International Business Machines Corporation. Patterning of polyimide films with ultraviolet light. 4,508,749, 4-2-85, Cl. 427-43.100.

Brannstrom, Roine; and Kreij, Sven-Erik, to Stal-Laval Turbin AB. Gas turbine plant with a fluidized bed combustion chamber. 4,498,286, 2-12-85, Cl. 60-39.100.

Brannstrom, Roine, to ASEA-STAL AB. Power plant with a fluidized bed combustion chamber. 4,530,207, 7-23-85, Cl. 60-39.464.

Brannstrom, Roine; and Soderberg, Nils-Erik, to Stal-Laval Turbin AB. Device for pressure measurement in a pressurized container. 4,552,529, 11-12-85, Cl. 432-58.000.

Branovich, Louis E.; Smith, Bernard; and Freeman, Gerard L., to United States of America, Army. Method or preparing nonlaminating anisotropic boron nitride. 4,544,535, 10-1-85, Cl. 423-290.000.

Branovich, Louis E.: *See—*
  Hager, Adolph G.; Freeman, Gerald L.; Rush, James P.; Branovich, Louis E.; and DuBuske, Stanley, 4,494,003, Cl. 250-474.100.

Branscum, Tony E., to Gott Corporation. Combination ice screen and air vent for liquid container. 4,523,699, 6-18-85, Cl. 222-189.000.

Branson, Terry L. Print head carriage mechanism including a drive belt. 4,536,096, 8-20-85, Cl. 400-120.000.

Branson Ultrasonics Corporation: *See—*
  Flood, Gary N., 4,560,427, Cl. 156-73.300.
  Mims, Bruce L., 4,529,473, Cl. 156-580.200.
  Quist, Eric, 4,551,690, Cl. 331-36.00L.
  Smith, Jeffrey C., 4,510,053, Cl. 210-175.000.

Branston, Randolph E.; and Duff, James M., to Xerox Corporation. Photoresponsive imaging members with dihydroxy metal phthalocyanine compositions. 4,557,989, 12-10-85, Cl. 430-59.000.

Brantl, Victor; Teschemacher, Hansjorg; Henschen, Agnes; and Lottspeich, Friedrich. Pharmacologically active peptides and medicaments containing the same. 4,555,403, 11-26-85, Cl. 514-17.000.

Brantly, Newby O. Pump jack. 4,534,168, 8-13-85, Cl. 60-369.000.

Brantmark, Hakan; and Ennerfelt, Johan, to ASEA Aktiebolag. Industrial robot. 4,553,077, 11-12-85, Cl. 318-568.000.

Branton, Tom W.: *See—*
  VanBreemen, Bertram; Wilson, William L.; Roberts, Duane L.; and Branton, Tom W., 4,556,913, Cl. 358-237.000.

Branz, Michael A., to Kysor Industrial Corporation. Refrigeration monitor and alarm system. 4,553,400, 11-19-85, Cl. 62-127.000.

Branzoli, Umberto: *See—*
  Cozzi, Paolo; Carganico, Germano; Pillan, Antonio; and Branzoli, Umberto, 4,510,149, Cl. 514-341.000.

Bras, Jean, to Ste. Gaz de France. Stirling cycle or compressor-type thermal engine having a power source positioned externally to or internally to its cylinders. 4,545,205, 10-8-85, Cl. 60-525.000.

Bras, Johan C. M.; and Gabelli, Antonio, to SKF Industrial Trading & Development Company B.V. Seal for a rolling bearing unit. 4,545,692, 10-8-85, Cl. 384-477.000.

Brasa, Umberto, to Siasprint s.r.l. Gripper device for transporting and registering plates or sheets to be overprinted on silk screen printing machines in one or more colors. 4,526,100, 7-2-85, Cl. 101-408.000.

Braschel, Volker; Emig, Reiner; Leiber, Heinz; Mendel, Michael; and Gerstenmeier, Jurgen, to Robert Bosch GmbH. Anti-wheel-lock control system. 4,497,026, 1-29-85, Cl. 364-426.000.

Braschel, Volker; Jonner, Wolf-Dieter; and Leiber, Heinz, to Robert Bosch GmbH. Vehicle wheel brake anti-lock system with low speed control. 4,504,911, 3-12-85, Cl. 364-426.000.

Brase, Ingrid E.: *See—*
  Gleason, Patricia A.; and Brase, Ingrid E., 4,518,510, Cl. 252-8.50C.

Brasfield, Robert G., to Boeing Company, The. Fuel gaging system. 4,545,020, 10-1-85, Cl. 364-509.000.

Brashear, William S.: *See—*
  Kemp, Billy W.; and Brashear, William S., 4,501,336, Cl. 175-61.000.

Brashears, David F.; and Mollick, Joseph T. Solid fuel burner. 4,492,171, 1-8-85, Cl. 110-261.000.

Brashears, David F.; and Mollick, Joseph T., to Mechtron International Corp. Solid fuel burner. 4,515,090, 5-7-85, Cl. 110-264.000.

Brashears, David F.; and Porter, Travis G. Burner apparatus. 4,530,657, 7-23-85, Cl. 431-188.000.

Brasie, William C.: *See—*
  Wozniak, Leonard J.; and Brasie, William C., 4,505,816, Cl. 210-439.000.

Brasky, Joseph L. Self-stripping connector for insulated wires. 4,525,019, 6-25-85, Cl. 339-98.000.

Brasky, Joseph L. Heating panel assembly with improved electrical connection means. 4,542,282, 9-17-85, Cl. 219-345.000.

Braslaw, Jacob: *See—*
- Wingfield, Robert C., Jr.; Braslaw, Jacob; and Gealer, Roy L., 4,515,659, Cl. 201-2.500.

Brasquies, Alain: *See—*
- Delarche, Hubert; Brasquies, Alain; and Maures, Michel, 4,546,175, Cl. 536-35.000.

Brassat, Bert; Buysch, Hans-Josef; Hermann, Karl H.; and Haupt, Heinrich, to Bayer Aktiengesellschaft. Weather-resistant polyamides. 4,551,495, 11-5-85, Cl. 524-94.000.

Brassell, Gilbert W.; and Brugger, Ronald P., to Brassell, Gilbert W. Bonded carbon or ceramic fiber composite filter vent for radioactive waste. 4,500,328, 2-19-85, Cl. 55-97.000.

Brasser, Jan: *See—*
- Koene, Casper H.; Vos, Cornelis; and Brasser, Jan, 4,534,983, Cl. 426-293.000.

Brasseur, Georg; and Rathmayr, Heinz, to Friedmann & Maier Aktiengesellschaft. Device for shutting down a fuel injection combustion engine. 4,512,306, 4-23-85, Cl. 123-367.000.

Brasseur, Georg, to Friedmann & Maier Aktiengesellschaft. Electronic switch. 4,556,838, 12-3-85, Cl. 323-285.000.

Brassoud, Gerard, to S. T. Dupont. Attachment device for a decorative article. 4,536,922, 8-27-85, Cl. 24-265.00B.

Brasswer, Joseph L.: *See—*
- Alperin, Marvin; and Brasswer, Joseph L., 4,513,940, Cl. 248-674.000.

Braswell, Richard R. Welders torch igniting device. 4,492,561, 1-8-85, Cl. 431-128.000.

Braswell, William D.: *See—*
- Cordova, Colleen W.; Mago, Brij M.; Turner, Garland L.; and Braswell, William D., 4,548,866, Cl. 428-398.000.

Bratby, David M.: *See—*
- James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., 4,499,154, Cl. 428-494.000.

Bratkowski, Walter V.: *See—*
- Basnett, Robert T.; and Bratkowski, Walter V., 4,559,511, Cl. 335-132.000.

Bratschi, Konrad: *See—*
- Durig, Heinz; Grutzner, Hans; and Bratschi, Konrad, 4,552,195, Cl. 160-168.00R.

Bratt, Christer, to United Stirling AB. Heater head for a multi-cylinder hot gas engine. 4,499,726, 2-19-85, Cl. 60-517.000.

Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., to Data General Corporation. Data processing system having addressing mechanisms for processing object-based information and a protection scheme for determining access rights to such information. 4,498,131, 2-5-85, Cl. 364-200.000.

Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Mundie, Craig J.; Schleimer, Stephen I.; and Wallach, Steven J., to Data General Corporation. Data processing system having a memory using object-based information and a protection scheme for determining access rights to such information. 4,525,780, 6-25-85, Cl. 364-200.000.

Bratt, Richard G.; Schleimer, Stephen I.; Gavrin, Edward S.; Pilat, John F.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Clancy, Gerald F.; Mundie, Craig J.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., to Data General Corporation. Digital data processing system with tripartite description-based addressing multi-level microcode control, and multi-level stacks. 4,532,586, 7-30-85, Cl. 364-200.000.

Bratt, Richard G.: *See—*
- Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
- Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.
- Clancy, Gerald F.; Gruner, Ronald H.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Richmond, Michael S.; Bernstein, David H.; and Bratt, Richard G., 4,499,604, Cl. 364-200.000.
- Clancy, Gerald F.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Bratt, Richard G.; and Gavrin, Edward S., 4,545,012, Cl. 364-200.000.
- Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
- Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., 4,514,800, Cl. 364-200.000.
- Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.
- Katz, Lawrence H.; Wells, Douglas M.; and Bratt, Richard G., 4,554,626, Cl. 364-200.000.

Brattesani, Donald N.: *See—*
- Kyriacou, Demetrios; and Brattesani, Donald N., 4,533,454, Cl. 204-272.000.

Bratton, Kenneth L.: *See—*
- Suomala, John E.; Bratton, Kenneth L.; Bergsten, Sten E.; Savic, Nicolas M.; and Gardner, E. Boyd, 4,554,000, Cl. 65-129.000.

Bratton, Ronald E., to Lincoln Manufacturing Company, Inc. Food steam heating apparatus. 4,495,932, 1-29-85, Cl. 126-20.000.

Bratton, Ronald E., to Lincoln Manufacturing Company, Inc. Air delivery system for an impingement food preparation oven including a conical air deflector. 4,556,043, 12-3-85, Cl. 126-21.00A.

Brauch, Robert B., to Singer Company, The. Stitch length control dampening arrangement for a sewing machine. 4,526,118, 7-2-85, Cl. 112-315.000.

Brauch, Robert B.; and Mihovch, John, to Singer Company, The. Control mechanism in a sewing machine for pattern and buttonhole sewing. 4,553,491, 11-19-85, Cl. 112-465.000.

Brauch, Robert B.: *See—*
- Blackwood, John; Graham, Thomas G.; and Brauch, Robert B., 4,499,839, Cl. 112-317.000.

Braud: *See—*
- Deux, Alain; and Merant, Jean C., 4,541,652, Cl. 280-672.000.

Braude, Ruvim: *See—*
- Barth, Edward G.; Braude, Ruvim; and Kay, Nicholas W., 4,496,875, Cl. 313-632.000.
- Barth, Edward G.; Braude, Ruvim; and Kay, Nicholas W., 4,547,467, Cl. 501-20.000.

Brauer, Eric A., to RCA Corporation. Stylus cartridge having stylus arm restraint. 4,504,941, 3-12-85, Cl. 369-170.000.

Brauer, Hans; and Gerhards, Hans-Dieter, to Kocks Technik GmbH & Co. Tube release rolling mills. 4,512,173, 4-23-85, Cl. 72-98.000.

Brauer, Hans; and Leeuwestein, Kurt, to Kocks Technik GmbH & Co. Apparatus for conveying tubular or bar-shaped rolled stock. 4,546,633, 10-15-85, Cl. 72-252.000.

Brauer, Larry F.; and Leach, Roger W., to United States of America, Navy. Safety-arming device. 4,526,104, 7-2-85, Cl. 102-228.000.

Brauer, Melvin; and Simone, Dominic, to CasChem, Inc. High solids coatings based on diricinoleate derivatives. 4,535,142, 8-13-85, Cl. 528-75.000.

Brauer, Melvin: *See—*
- Downey, William J., and Brauer, Melvin, 4,533,598, Cl. 428-380.000.

Brauer, Ralph: *See—*
- Kramer, Erhardt; Moller, Dieter; and Brauer, Ralph, 4,505,311, Cl. 141-129.000.

Brauer, Wolfgang; Korte, Siegfried; Neukam, Theo; and Suling, Carlhans, to Bayer Aktiengesellschaft. Polymers containing sulphonyl and carboxylic ester groups. 4,535,139, 8-13-85, Cl. 526-287.000.

Brauer, Wolfgang: *See—*
- Neukam, Theo; Brauer, Wolfgang; and Korte, Siegfried, 4,522,764, Cl. 260-456.00R.

Braughler, J. Mark; and Hall, Edward D., to Upjohn Company, The. Use of high doses of derivatives of 6α-methylprednisolone for the acute treatment of stroke syndrome. 4,554,271, 11-19-85, Cl. 514-179.000.

Braukmann, Heinz W. Vacuum head for cleaning underwater surfaces. 4,498,206, 2-12-85, Cl. 15-1.700.

Brault, Richard A. Spineboard. 4,506,664, 3-26-85, Cl. 128-134.000.

Brault, Robert G., to Hughes Aircraft Company. Method of applying poly(methacrylic anhydride resist to a semiconductor. 4,508,812, 4-2-85, Cl. 430-270.000.

Brault, Robert G.; and Miller, Leroy J., to Hughes Aircraft Company. Wet process for developing styrene polymer resists for submicron lithography. 4,535,054, 8-13-85, Cl. 430-325.000.

Braun Aktiengesellschaft: *See—*
- Bauer, Anton, 4,504,777, Cl. 323-300.000.
- Blume, Friedrich; and Voigtmann, Lutz, 4,552,832, Cl. 430-320.000.
- Golob, Jurgen; and Gehrmann, Alfred, 4,507,006, Cl. 403-24.000.
- Majthan, Rudolf; Stuhler, Rolf; Parsonage, Raymond G.; and Packham, Charles C., 4,514,618, Cl. 219-370.000.
- Radacanu, Dan-Corneliu, 4,492,910, Cl. 318-772.000.
- Roth, Johann, 4,511,076, Cl. 228-180.100.
- Schwarz, Gerhard; and Bergk, Gunther, 4,523,139, Cl. 320-40.000.
- Schwarz, Gerhard, 4,546,304, Cl. 323-287.000.
- Tittert, Curt, 4,539,974, Cl. 126-409.000.
- Yamac, Yucel, 4,524,263, Cl. 219-249.000.

Braun, Alfred J.; Burdick, Aron; and Scarton, Henry A. Vortex carburetor. 4,526,729, 7-2-85, Cl. 261-36.00A.

Braun, Anton. Bellows seal. 4,556,369, 12-3-85, Cl. 417-437.000.

Braun, Derrek E.; Lau, Daniel T.; and Moy, Harold, to United Technologies Automotive, Inc. Pressure sensitive piezoelectric signal generator assembly. 4,521,712, 6-4-85, Cl. 310-339.000.

Braun, Ernst; and Braun, Gert, to Halbach & Braun. Conveyor trough, particularly for scraper chain conveyors. 4,541,525, 9-17-85, Cl. 198-735.000.

Braun, Ernst; and Braun, Gert, to Halbach and Braun. Conveyor trough construction. 4,560,059, 12-24-85, Cl. 198-735.000.

Braun, Eugene R., to Eaton Corporation. Shift control system. 4,555,959, 12-3-85, Cl. 74-334.000.

Braun, Frank D.; Witt, Walter; and Putra, Stanislav, to IPCO Corporation. Articulator for holding dental models. 4,522,591, 6-11-85, Cl. 433-60.000.

Braun, Gerald W., to Magnavox Government and Industrial Electronics Company. One shot spring activated motor. 4,494,024, 1-15-85, Cl. 310-75.00A.

Braun, Gert: *See—*

  Braun, Ernst; and Braun, Gert, 4,541,525, Cl. 198-735.000.

  Braun, Ernst; and Braun, Gert, 4,560,059, Cl. 198-735.000.

Braun, Gunter; Kratt, Alfred; and Schleicher, Rolf, to Robert Bosch GmbH. Apparatus for regulating the idling speed of internal combustion engines. 4,513,711, 4-30-85, Cl. 123-339.000.

Braun, Gunter: *See—*

  Naunapper, Dietmar; and Braun, Gunter, 4,535,006, Cl. 427-213.000.

Braun, Hans J.: *See—*

  Konrad, Eugen; Braun, Hans J.; Mager, Herbert; Noser, Friedrich; and Bracher, Max, 4,543,425, Cl. 564-442.000.

Braun, Helmut, to Luk Lamellen und Kupplungsbau GmbH. Clutch plate for use in friction clutches of motor vehicles and the like. 4,548,309, 10-22-85, Cl. 192-106.200.

Braun, Henry D. Apparatus for walking upon water. 4,530,668, 7-23-85, Cl. 441-76.000.

Braun, Jane E.: *See—*

  Rahn, Melanie H.; and Braun, Jane E., 4,556,390, Cl. 434-433.000.

Braun, Josef: *See—*

  Bertsch, Gotthilf; and Braun, Josef, 4,552,187, Cl. 139-434.000.

Braun, Karl; and Fetzer, Jurgen, to Intermedicat GmbH. Surgical staple. 4,505,273, 3-19-85, Cl. 128-335.000.

Braun, Karl; and Fetzer, Jurgen, to Intermedicat GmbH. Surgical stapler. 4,523,695, 6-18-85, Cl. 227-8.000.

Braun, Kenneth E., to Helwig Carbon, Inc. Brush wear indicator. 4,528,557, 7-9-85, Cl. 340-648.000.

Braun, Kenneth H.: *See—*

  Perlmutter, Michael S.; and Braun, Kenneth H., 4,519,708, Cl. 356-350.000.

Braun, Klaus, to Bodenseewerk Perkin-Elmer & Co., GmbH. Photometer for measuring atomic fluorescence. 4,533,246, 8-6-85, Cl. 356-317.000.

Braun, Konrad: *See—*

  Fuhge, Peter; Braun, Konrad; and Becker, Udo, 4,510,126, Cl. 424-3.000.

Braun, Leon, to Sebrn Corporation. Parallel serial controller. 4,497,041, 1-29-85, Cl. 364-900.000.

Braun, Martin, to Micronix Partners. High power x-ray source with improved anode cooling. 4,521,903, 6-4-85, Cl. 378-141.000.

Braun, Martin: *See—*

  Hild, Berthold; Braun, Martin; and Munker, Max, 4,530,224, Cl. 72-15.000.

Braun, Minel J., to Babcock & Wilcox Company, The. Oil field steam production and use. 4,513,733, 4-30-85, Cl. 126-435.000.

Braun, Moritz; Kaufmann, Anna; and Muller, Edwin, to BBC Brown, Boveri & Company, Limited. Cathodic, gas- and liquid-permeable current collector. 4,554,063, 11-19-85, Cl. 204-254.000.

Braun, Norman L. Recumbent bicycle. 4,541,647, 9-17-85, Cl. 280-234.000.

Braun, Oskar, to Josef Willmes GmbH. Press for the expression of liquid from liquid-containing substances. 4,513,659, 4-30-85, Cl. 100-117.000.

Braun, Oskar J.; and Hubler, Lawrence C., to Xerox Corporation. High speed duplicator with sorter/stapling apparatus and stapler positioning control. 4,516,714, 5-14-85, Cl. 227-78.000.

Braun, Oskar J.; Hubler, Lawrence C.; and Sisson, Jeffrey L., to Xerox Corporation. High speed duplicator with sorter/stapling apparatus and copy set supporting system. 4,549,804, 10-29-85, Cl. 355-14.0SH.

Braun, Ralph V.: *See—*

  Keck, Daniel H.; Braun, Ralph V.; and Majors, Mark B., 4,522,863, Cl. 428-196.000.

Braun, Robert E.; and Benasutti, John E., to Burroughs Corporation. Test coupons for determining the registration of subsurface layers in a multilayer printed circuit board. 4,510,446, 4-9-85, Cl. 324-158.00R.

Braun, Robert L.: *See—*

  Mallon, Richard G.; Walton, Otis R.; Lewis, Arthur E.; and Braun, Robert L., 4,539,917, Cl. 110-256.000.

Braun, Ronald C.: *See—*

  Collora, George A.; and Braun, Ronald C., 4,527,783, Cl. 269-21.000.

  Giannuzzi, Ottavio; and Braun, Ronald C., 4,503,788, Cl. 112-121.120.

Braun, Rosalinde, to Ciba-Geigy Corporation. Pressure-sensitive or heat-sensitive recording material. 4,513,302, 4-23-85, Cl. 346-210.000.

Braun, Steve W., to Tetra Tech, Inc. Offset voltage correction network for instantaneous floating point amplifier. 4,554,511, 11-19-85, Cl. 330-9.000.

Braun, Thomas O.: *See—*

  Bishop, John F.; and Braun, Thomas O., 4,499,174, Cl. 430-215.000.

Braun, Walter J.: *See—*

  Baugh, Robert F.; Braun, Walter J.; and Cooper, Daniel, 4,533,519, Cl. 422-73.000.

Braun, William V.: *See—*

  Shanley, Charles W.; and Braun, William V., 4,501,018, Cl. 455-83.000.

Braun, Wolfgang; Konrath, Karl; and Schwarz, Manfred, to Robert Bosch GmbH. Distributor injection pump for internal combustion engines. 4,513,715, 4-30-85, Cl. 123-383.000.

Brauner, Arne H.: *See—*

  Balanovsky, Lev; and Brauner, Arne H., 4,505,423, Cl. 229-5.500.

Brauner, Wilfried: *See—*

  Bradler, Hans J.; Brauner, Wilfried; Deyhle, Manfred; and Vogt, Karl H., 4,519,865, Cl. 156-256.000.

Braungart, Martin, to BBS Kraftfahrzeugtechnik, GmbH + Co. KG. Motor vehicle wheel center including an anti-theft feature. 4,544,209, 10-1-85, Cl. 301-37.0AT.

Braungart, Robert E.: *See—*

  Casper, Mark S.; Downing, Richard S.; Steidel, Leonard R.; and Braungart, Robert E., 4,529,114, Cl. 225-100.000.

Braunhut, Harold N. Universally fitting, modular ballistic garment. 4,497,069, 2-5-85, Cl. 2-2.500.

Brauning, Egon, to Protoned B.V. Clothes stand. 4,548,328, 10-22-85, Cl. 211-205.000.

Braunlich, Peter F.: *See—*

  Gasiot, Jean; Braunlich, Peter F.; and Fillard, Jean-Pierre, 4,517,463, Cl. 250-327.200.

  Gasiot, Jean-Pierre; Braunlich, Peter F.; and Fillard, Jean P., 4,507,562, Cl. 250-484.100.

Braunroth, Klaus. Disposable face mask with odor masking attachment. 4,503,851, 3-12-85, Cl. 128-203.290.

Braunsperger, Karl: *See—*

  Von Au, Gunter; Wegehaupt, Karl-Heinrich; Schiller, August; and Braunsperger, Karl, 4,503,210, Cl. 528-33.000.

Braus, Harry, to National Distillers and Chemical Corporation. Organopolysiloxanes useful as dielectric fluids and anti-treeing additives. 4,492,647, 1-8-85, Cl. 252-573.000.

Braus, Harry, to National Distillers and Chemical Corporation. Silane oligomers useful as anti-treeing additives. 4,501,688, 2-26-85, Cl. 252-573.000.

Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., to National Distillers and Chemical Corporation. Silanes useful as anti-treeing additives. 4,512,920, 4-23-85, Cl. 252-573.000.

Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., to National Distillers and Chemical Corporation. Electrical tree and water tree resistant compounds and polymer compositions containing the same. 4,514,535, 4-30-85, Cl. 524-109.000.

Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., to National Distillers and Chemical Corporation. Silanes useful as anti-treeing additives. 4,514,536, 4-30-85, Cl. 524-261.000.

Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., to National Distillers and Chemical Corporation. Silanes useful as anti-treeing additives. 4,548,865, 10-22-85, Cl. 428-379.000.

Brausfeld, Walter: *See—*

  Gottling, Helmut; and Brausfeld, Walter, 4,531,548, Cl. 137-627.500.

Brautigam, Rolf; Haas, Lothar; Wesemeyer, Jurgen; Hellmann, Heinz-Dieter; Hergt, Peter; and Fassel, Reinhard, to Robert Bosch GmbH. Liquid flow meter. 4,491,026, 1-1-85, Cl. 73-861.860.

Braven, James: *See—*

  Brown, Leslie; Braven, James; and Rhead, Michael M., 4,554,077, Cl. 210-656.000.

Bravenec, Thomas H.; Boyd, Roger L.; and Ferenc, Robert R., to LTV Aerospace and Defense Company. Method and apparatus for applying a sealant to exposed fasteners. 4,519,974, 5-28-85, Cl. 264-279.000.

Braverman, Leonard W.: *See—*

  Guch, Steve, Jr.; Gardner, Phillip J.; Braverman, Leonard W.; and Jones, Robert W., 4,494,235, Cl. 372-23.000.

Braverman, Samuel. Process for the selective preparation of parabromophenol and its derivatives. 4,517,388, 5-14-85, Cl. 568-779.000.

Brawn, Ronald J.: *See—*

  Groshong, LeRoy E.; and Brawn, Ronald J., 4,529,399, Cl. 604-53.000.

  Groshong, LeRoy E.; and Brawn, Ronald J., 4,549,879, Cl. 604-247.000.

  Groshong, LeRoy E.; and Brawn, Ronald J., 4,559,046, Cl. 604-282.000.

Braxmeier, Hans: *See—*

  Stahlecker, Fritz; and Braxmeier, Hans, 4,495,758, Cl. 57-19.000.

Braxton, Earl J. Collapsible toilet shelter. 4,493,118, 1-15-85, Cl. 4-460.000.

Braxton, Earl J.: *See—*

  Callewaert, Denis M.; and Braxton, Earl J., 4,557,863, Cl. 260-112.00R.

Braxton, Henry G., Jr., to Ethyl Corporation. Chemical composition. 4,509,952, 4-9-85, Cl. 44-57.000.

Braxton, Henry G., Jr.: *See—*

  Filbey, Allen H.; Braxton, Henry G., Jr.; and Meltsner, Bernard R., 4,514,577, Cl. 568-744.000.

Bray, Carl R.; and Cueni, Lee. Cotton candy accessory for blender. 4,501,538, 2-26-85, Cl. 425-9.000.

Bray, David. Method of manufacturing adhesive tape. 4,545,843, 10-8-85, Cl. 156-322.000.

Bray, Donald T.: *See—*

  Kirwan, John R., Jr.; and Bray, Donald T., 4,548,714, Cl. 210-232.000.

Bray, George A.: *See—*

  Greenway, Frank L., III; and Bray, George A., 4,525,359, Cl. 514-653.000.

Bray, Gilbert. Portable occasional table and seating. 4,537,443, 8-27-85, Cl. 297-159.000.

Bray, John E.: *See—*
Calnek, Trevor A.; and Bray, John E., 4,536,775, Cl. 346-76.0PH.

Bray, Thomas J.: *See—*
Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., 4,535,409, Cl. 364-481.000.

Bray, W. Randall. Aircraft hanger. 4,557,284, 12-10-85, Cl. 135-115.000.

Bray, William E., to Gateway Technology, Inc. Power converter. 4,499,531, 2-12-85, Cl. 363-19.000.

Braybrook, George E.; Corby, David C.; Shelton, Mark A.; and Shelton, William E. A., to Alan Shelton Limited. Handling of textile yarn. 4,523,441, 6-18-85, Cl. 68-5.00C.

Brayer, Eyal, to S.C.R. Engineers, Ltd. Indicating device for milking apparatus. 4,524,720, 6-25-85, Cl. 119-14.140.

Brayman, Kenneth W.: *See—*
Curulla, Michael V.; Price, John F.; Matzner, Bruce; Brayman, Kenneth W.; and Qurnell, Frank D., 4,544,522, Cl. 376-441.000.

Brayman, Semyon. Method of measuring leak rates. 4,523,452, 6-18-85, Cl. 73-40.000.

Brayman, Semyon; and Bullock, Ronald N. Method of temperature compensating leak rate testing. 4,532,795, 8-6-85, Cl. 73-40.000.

Braymer, Joseph E.: *See—*
Kropiwnicki, Tadek M.; and Braymer, Joseph E., 4,549,857, Cl. 417-312.000.

Brazdil, James F.: *See—*
Suresh, Dev D.; Grasselli, Robert K.; Brazdil, James F.; and Ratka, Frances I., 4,532,083, Cl. 260-465.300.

Brazdil, James F., Jr.; Marritt, William A.; and Ward, Michael D., to Standard Oil Company, The. Conversion of acetonitrile to glycolonitrile and/or glycolamide. 4,515,732, 5-7-85, Cl. 260-465.600.

Brazdil, Miroslav: *See—*
Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.

Brazeau, Marilyn I.: *See—*
Sitko, Jerry A.; Hrynkiw, John; and Brazeau, Marilyn I., 4,503,992, Cl. 220-90.400.

Brazeau, Paul E., Jr.: *See—*
Ling, Nicholas C.; Esch, Frederick S.; Bohlen, Peter; Brazeau, Paul E., Jr.; and Guillemin, Roger C. L., 4,517,181, Cl. 514-12.000.

Brazel, Berthold: *See—*
Woditsch, Peter; Abels, Martin; and Brazel, Berthold, 4,525,334, Cl. 423-324.000.

Brazel, Jens. Hand device for determining vehicle position. 4,555,852, 12-3-85, Cl. 33-27.00B.

Brazell, James W., II: *See—*
Delahoussaye, Ronald D.; and Brazell, James W., II, 4,538,825, Cl. 280-242.0WC.

Brazelton, Carl L., to Stran Corporation. Mixing and feeding apparatus. 4,522,502, 6-11-85, Cl. 366-160.000.

Brazener, David J., to Smiths Industries Public Limited Company. Aircraft instruments. 4,507,959, 4-2-85, Cl. 73-182.000.

Brazeway, Inc.: *See—*
Carr, Charles R., 4,492,851, Cl. 219-201.000.

Braziel, Jeffrey B., to Owens-Corning Fiberglas Corporation. Apparatus for stripping packaged linear material from a forming tube. 4,498,221, 2-12-85, Cl. 29-283.500.

Brazier, Peter C., to Walk Off Mats Limited. Floor mat combination and detachably securable floor mat. 4,530,870, 7-23-85, Cl. 428-95.000.

Brcich, Joseph A.; Levy, Roy J.; Madewell, Jimmy; and Threewitt, N. Bruce, to Advanced Micro Devices, Inc. Apparatus for controlling access to a memory. 4,542,454, 9-17-85, Cl. 364-200.000.

Brdr. Schur International A/S: *See—*
Hansen, Erik; and Lambach, Heinrich W., 4,510,733, Cl. 53-434.000.
Lambach, Heinrich W., 4,501,364, Cl. 206-626.000.

Break, Douglas G. Machine table fastener assembly. 4,530,493, 7-23-85, Cl. 269-93.000.

Break, Douglas G., to Tapco Products Company, Inc. Sheet bending brake. 4,557,132, 12-10-85, Cl. 72-319.000.

Brear, Frederick, to Massey-Ferguson-Perkins Limited. Internal combustion engine. 4,516,549, 5-14-85, Cl. 123-276.000.

Brearey, Nicholas J.; and Baumgarth, Rolf, to Knorr-Bremse GmbH. Hydraulic pressure actuated brake system for rail vehicles. 4,538,228, 8-27-85, Cl. 364-426.000.

Brearley, Malcolm; and Hurst, David C., to Lucas Industries Public Limited Company. Vehicle anti-lock breaking control. 4,530,059, 7-16-85, Cl. 364-426.000.

Brearley, Malcolm; and Farr, Glyn P. R., to Lucas Industries Public Limited Company. Hydraulic anti-skid braking systems for vehicles. 4,547,022, 10-15-85, Cl. 303-6.00C.

Brearley, Malcolm: *See—*
Goodwin, Alan; and Brearley, Malcolm, 4,502,006, Cl. 324-208.000.

Breashears, Eddie H.: *See—*
Meador, Charles G.; and Breashears, Eddie H., 4,544,416, Cl. 148-1.500.

Breazeale, Robert D.: *See—*
Cluff, Stephen L.; Strolle, Clifford H.; and Breazeale, Robert D., 4,548,963, Cl. 523-427.000.

Brechbuhler, Fritz, to Pebea N.V. Reinforcing rod holder for use in connection-type concrete pouring operations and a method of producing same. 4,549,384, 10-29-85, Cl. 52-704.000.

Brechlin, Alfred, to Hoechst Aktiengesellschaft. Flexible laminatable photosensitive layer. 4,492,747, 1-8-85, Cl. 430-96.000.

Brechlin, Alfred, to Hoechst Aktiengesellschaft. Process for using a flexible laminatable photosensitive layer in the production of a printed circuit. 4,548,885, 10-22-85, Cl. 430-49.000.

Brecht, Maria. Movable casing for the excavation of trenches. 4,521,137, 6-4-85, Cl. 405-283.000.

Brechtelsbauer, Jeffrey H.: *See—*
Hickman, John R.; Kriska, Nicholas J.; Brechtelsbauer, Jeffrey H.; Mediate, Bruno A.; and Rotheiser, Jordan I., 4,541,541, Cl. 220-253.000.

Breck, Donald W., deceased; by Blass, Harold, executor; and Skeels, Gary W., to Union Carbide Corporation. Silicon substituted zeolite compositions and process for preparing same. 4,503,023, 3-5-85, Cl. 423-328.000.

Breckenridge, Gerald H. Spray valve assembly. 4,549,573, 10-29-85, Cl. 137-495.000.

Brecker, Lawrence R.; and Keeley, Charles, to Argus Chemical Corporation. Codispersed particulate lubricant stabilizer compositions for synthetic resins. 4,500,665, 2-19-85, Cl. 524-227.000.

Breckinridge, James B.; Page, Norman A.; Shack, Roland V.; and Shannon, Robert R., to United States of America, National Aeronautics and Space Administration. Optical system. 4,497,540, 2-5-85, Cl. 350-168.000.

Breckinridge, James B.; and O'Callaghan, Fred G., to United States of America, National Aeronautics and Space Administration. Integrated optics in an electrically scanned imaging Fourier transform spectrometer. 4,523,846, 6-18-85, Cl. 356-346.000.

Breckner, Raymond A. Apparatus and method for handling solids in liquid. 4,517,099, 5-14-85, Cl. 210-741.000.

Breco Kunststoffverarbeitungs GmbH & Co. KG: *See—*
Breher, Rudolf, 4,515,743, Cl. 264-135.000.

Breda, Enzo; and Ciotti, Alfredo, to SALUS Ricerca e Sviluppo di CROCE' Dr. Francesco & C. Snc. Device for optical indication of the phenomena of coagulation of blood, concentration and aggregation of blood platelets, or the like. 4,501,491, 2-26-85, Cl. 356-39.000.

Bredal, Torben, to Aktieselskabet JH. Holm Holding. Method for forming an internal thread in a hollow body. 4,527,299, 7-9-85, Cl. 10-152.00R.

Bredbury, Seth K.; and Waterman, Harold J., Jr., to Colt Industries Operating Corp. Cylindrical rifle handguard assembly. 4,536,982, 8-27-85, Cl. 42-71.00R.

Bredderman, David: *See—*
Bredderman, Theodore; Bredderman, Virginia; Bredderman, Kathryn; and Bredderman, David, 4,537,451, Cl. 312-6.000.

Bredderman, Kathryn: *See—*
Bredderman, Theodore; Bredderman, Virginia; Bredderman, Kathryn; and Bredderman, David, 4,537,451, Cl. 312-6.000.

Bredderman, Theodore; Bredderman, Virginia; Bredderman, Kathryn; and Bredderman, David. Hanging locker shelves. 4,537,451, 8-27-85, Cl. 312-6.000.

Bredderman, Virginia: *See—*
Bredderman, Theodore; Bredderman, Virginia; Bredderman, Kathryn; and Bredderman, David, 4,537,451, Cl. 312-6.000.

Brede, Uwe; Horr, Alfred; and Penner, Horst, to Dynamit Nobel Aktiengesellschaft. Partially combustible propellant charge igniter. 4,492,167, 1-8-85, Cl. 102-470.000.

Brede, Uwe; Hubsch, Gunter; and Stahlmann, Rudolf, to Dynamit Nobel Aktiengesellschaft. Flash guide tube arrangement for propellant charge igniters. 4,495,866, 1-29-85, Cl. 102-202.000.

Bredel, Walter; Schenetin, Norbert; and Waigand, Helmut, to Bosch-Siemens Hausgerate GmbH. Control circuit assembly for heating elements in cooking plates. 4,493,979, 1-15-85, Cl. 219-446.000.

Bredemann, Peter: *See—*
Mahrus, Duraid; and Bredemann, Peter, 4,545,913, Cl. 252-12.600.

Bredenkamp, Gordon L.; and Van Rhyn, Pierre, to Crucible Societe Anonyme. High frequency self-oscillating welding apparatus. 4,520,255, 5-28-85, Cl. 219-130.100.

Breder, E. William, Jr.; Jaecker, John A.; and Johnson, Marvin F. L., to Atlantic Richfield Company. Methane conversion using a magnesia/-silica support. 4,544,786, 10-1-85, Cl. 585-500.000.

Breder, E. William, Jr., to Atlantic Richfield Company. Preparative process for supports. 4,544,787, 10-1-85, Cl. 585-500.000.

Bredereck, Karl; and Togelang, Emy, to Hoechst Aktiengesellschaft. Process for the preparation of cellulose ethers from ammonia-activated cellulose. 4,491,661, 1-1-85, Cl. 536-84.000.

Bredeweg, Roger L., to Leco Corporation. Carbon, hydrogen, and nitrogen analyzer. 4,525,328, 6-25-85, Cl. 422-80.000.

Bredow, Walter; and Otto, Gerhard, to C. Behrens AG. Machine for working flat workpieces by cutting. 4,495,398, 1-22-85, Cl. 219-121.0LG.

Bredow, Walter, to C. Behrens AG. Arrangement for removing workpieces from a cutting press. 4,507,995, 4-2-85, Cl. 83-153.000.

Bredow, Walter: *See—*
Volkel, Elmar; and Bredow, Walter, 4,546,683, Cl. 83-27.000.

Breeden, John W., to Cuisinarts, Inc. Lock for food pusher in feed tube protector of a food processor. 4,540,128, 9-10-85, Cl. 241-37.500.

Breeden, John W., to Cuisinarts, Inc. Enlarged food pusher with clean-out windows in a feedtube protector. 4,544,103, 10-1-85, Cl. 241-37.500.

Breeden, Kenneth S., to Caslin, Richard L. Caulking gun with cutter and piercer. 4,493,437, 1-15-85, Cl. 222-82.000.

Breeden, Rex E.; and Loturco, Raymond A., to Blairex Laboratories, Inc. Water treatment container. 4,529,511, 7-16-85, Cl. 210-94.000.

Breeden, Robert H.; and Taylor, Henry D., to Vickers, Incorporated. Power transmission. 4,498,370, 2-12-85, Cl. 91-171.000.

Breedis, John F.; and Fister, Julius C., to Olin Corporation. Copper alloys for suppressing growth of Cu-Al intermetallic compounds. 4,498,121, 2-5-85, Cl. 361-401.000.
Breedis, John F.; and Fister, Julius C., to Olin Corporation. Method of forming a composite material having improved bond strength. 4,500,028, 2-19-85, Cl. 228-117.000.
Breedis, John F.: *See—*
Ashok, Sankaranarayanan; and Breedis, John F., 4,555,272, Cl. 148-3.000.
Fister, Julius C.; and Breedis, John F., 4,500,605, Cl. 428-469.000.
Breedlove, James W. Volume-adjustable divers lift bag. 4,510,878, 4-16-85, Cl. 114-54.000.
Breedlove, Paul S., and Moore, James H., to Texas Instruments Incorporated. Electronic learning aid or game having synthesized speech. 4,516,260, 5-7-85, Cl. 381-51.000.
Breedveld, Cornelis A.; and de Haan, Frans W., to Fokker B.V. Wing flap assembly and aircraft provided therewith. 4,494,716, 1-22-85, Cl. 244-213.000.
Breedyk, Frans N.; and van Gelderen, Guido, to Goodyear Tire & Rubber Company, The. Apparatus and method adapted to test tires by eliminating jitter from data signals without losing data. 4,550,598, 11-5-85, Cl. 73-146.000.
Breen, Michael J.: *See—*
Band, Elliot I.; and Breen, Michael J., 4,552,859, Cl. 502-127.000.
Breen, Stanley: *See—*
Benson, Warren E.; and Breen, Stanley, 4,555,661, Cl. 324-61.00R.
Breen, Thomas B., to General Electric Company. Synchronism check relay. 4,538,197, 8-27-85, Cl. 361-71.000.
Breen, Thomas J., to Rand McNally & Company. Tamper-resisting negotiable instruments containing a transparent verifying web. 4,512,595, 4-23-85, Cl. 283-70.000.
Breeze, Gerald D.; and Elliott, Donald C., to General Electric Company, p.l.c., The. Assemblies of electrical or electronic apparatus. 4,519,013, 5-21-85, Cl. 361-384.000.
Bregatta, Ray J., to Pellon Corporation. Expandable chest piece and method of constructing a garment using same. 4,521,921, 6-11-85, Cl. 2-93.000.
Bregoli, Lawrence J., to United States of America, Energy. Integrated current collector and catalyst support. 4,548,876, 10-22-85, Cl. 429-39.000.
Breher, Rudolf, to Breco Kunststoffverarbeitungs GmbH & Co. KG. Method of producing a reinforced toothed belt having a fabric cover. 4,515,743, 5-7-85, Cl. 264-135.000.
Brehler, Robert: *See—*
Schmid, Eberhard; and Brehler, Robert, 4,531,086, Cl. 323-222.000.
Brehm, Gailon E.; and Lehmann, Randall E., to Texas Instruments Incorporated. Common-gate GaAs FET design for monolithic microwave integrated circuits. 4,549,197, 10-22-85, Cl. 357-41.000.
Brehm, Gailon E.: *See—*
Lehmann, Randall E.; Brehm, Gailon E.; and Seymour, David J., 4,525,678, Cl. 330-277.000.
Brehm, Gustav, to Retech AG. Device for producing twist-crimped threads. 4,553,382, 11-19-85, Cl. 57-284.000.
Breidenbach, Dieter; Mosebach, Wilhelm; and Deilmann, Winfried, to Carl Still GmbH & Co. KG, Firma. Treatment of gas condensates. 4,495,031, 1-22-85, Cl. 201-28.000.
Breidenbach, Heribert; and Strauss, Udo, to Steag AG. Process for cleaning of flue gases of a power plant with the aid of a coal dust burning flame and apparatus for carrying out the process. 4,509,437, 4-[illegible]-85, Cl. 110-345.000.
Breidenbach, Peter; Hurnik, Helmut; and Pedain, Josef, to Bayer Aktiengesellschaft. Solutions of isocyanato-isocyanurates in plasticizers for polyvinyl chloride, a process for their production and their use as adhesion-improving additives in coating compositions based on plasticized polyvinyl chloride. 4,518,729, 5-21-85, Cl. 524-101.000.
Breidenbaugh, Paul M. Environmental protection dredging system for separating solids and liquid. 4,541,927, 9-17-85, Cl. 210-122.000.
Breidenstein, Charles J.: *See—*
Gueldenpfennig, Klaus; Russell, Stanley L.; Oswald, William A.; Breidenstein, Charles J.; and Narula, Karam V., 4,521,879, Cl. 370-62.000.
Breidohr, Hans-Gunther: *See—*
Stoldt, August; Stemig, Heinz; Breidohr, Hans-Gunther; and Martin, Manfred, 4,559,884, Cl. 112-262.100.
Breimer, Hendrik; Van Roessel, Frederik J.; and Tienkamp, Engbert, to U.S. Philips Corporation. Method for automatically setting up a television camera. 4,513,319, 4-23-85, Cl. 358-163.000.
Breining, Frank E., to Airmaster Fan Company. Modular switch housing for an electric motor. 4,517,481, 5-14-85, Cl. 310-71.000.
Breisinger, Otto; and Burgbacher, Herbert, to Sulzer Brothers Limited. Lubricant distributor. 4,537,284, 8-27-85, Cl. 184-7.400.
Breitbach, Elmar; and Dehne, Ernst-August, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Method and arrangement for sensing the acceleration of oscillating bodies. 4,498,341, 2-12-85, Cl. 73-517.00R.
Breitbach, Elmar, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Process and apparatus for suppressing external load carrying wing flutter for aircraft. 4,502,652, 3-5-85, Cl. 244-75.00A.
Breitenbach, Otto: *See—*
Weislo, Manfred; Breitenbach, Otto; Schatz, Friedrich; and Riepling, Ulrich, 4,557,038, Cl. 29-596.000.
Breitenfeld, Horst: *See—*
Rehm, Hans; and Breitenfeld, Horst, 4,533,878, Cl. 330-261.000.
Breitenfellner, Franz, to Ciba-Geigy Corporation. Thermoplastic polyester moulding composition containing flame retardant and magnesium sulfate. 4,521,560, 6-4-85, Cl. 524-371.000.
Breitenfellner, Franz; and Kainmueller, Thomas, to Ciba-Geigy Corporation. Flame-retarding, reinforced moulding material based on thermoplastic polyesters and the use thereof. 4,546,126, 10-8-85, Cl. 523-216.000.
Breitenfellner, Franz: *See—*
Buxbaum, Lothar; Breitenfellner, Franz; and Kainmuller, Thomas, 4,499,219, Cl. 524-94.000.
Breitenstein, Werner: *See—*
Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, 4,514,415, Cl. 514-470.000.
Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, 4,558,043, Cl. 514-210.000.
Breitfeld & Schliekert GmbH: *See—*
Kopp, Hubert, 4,517,870, Cl. 83-411.00R.
Breithaupt, Albert, to Trube & Kings KG. Sheet aluminum fireproof construction element. 4,513,552, 4-30-85, Cl. 52-400.000.
Breithaupt, Albert, to Trube & Kings KG. Structural element such as building facade and the like. 4,557,089, 12-10-85, Cl. 52-235.000.
Breitholtz, Claes, to Dynapac Maskin AB. Procedure and device for optimation of the vibration amplitude in vibratory rollers. 4,546,425, 10-8-85, Cl. 364-153.000.
Breitkopf, Norbert: *See—*
Cornils, Boy; Wiebus, Ernst; and Breitkopf, Norbert, 4,532,354, Cl. 564-498.000.
Breitling, Wolfram, to Robert Bosch GmbH. Electronic control apparatus with defined reset function. 4,528,629, 7-9-85, Cl. 364-431.110.
Breitman, Daniel S.; and Langenegger, Henrique, to Pratt & Whitney Canada Inc. Inertial particle separator. 4,509,962, 4-9-85, Cl. 55-306.000.
Breitmoser, Georg; and Vogel, Wilhelm, to MTU Motoren-und Turbinen-Union Munchen GmbH. Method for permanently connecting discrete structural parts. 4,491,557, 1-1-85, Cl. 419-5.000.
Breitmoser, Georg; and Vogel, Wilhelm, to MTU Motoren-und Turbinen-Union Munchen GmbH. Arrangement of discrete structural parts, especially heat exchanger. 4,552,209, 11-12-85, Cl. 165-133.000.
Breitscheidel, Hans-Ulrich; Anshen, Walter H.; and Kautz, Rudolf, to Dynamit Nobel Aktiengesellschaft. Hammock. 4,542,057, 9-17-85, Cl. 428-126.000.
Breitschwerdt, Gunter: *See—*
Denner, Wolf J.; Biernacki, Andreas; and Breitschwerdt, Gunter, 4,550,650, Cl. 98-115.300.
Brejcha, Robert J.: *See—*
DeVale, Donald P.; Brejcha, Robert J.; and Van Naarden, Robert W., 4,516,781, Cl. 273-373.000.
Brekelmans, Henricus J. P. M., to IHC Holland N.V. System and device for detecting the forming of depot. 4,559,813, 12-24-85, Cl. 73-61.400.
Brekka, Thomas T.: *See—*
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Brema, Robert J.; Adamson, Gerald J.; Poissant, Philip L.; and Cleminson, John H., to Union Carbide Canada Limited. Modular fence structure. 4,498,660, 2-12-85, Cl. 256-19.000.
Brembilla, Almiro; and Pisani, Sergio C. Automatic steam box for textile articles. 4,493,160, 1-15-85, Cl. 38-14.000.
Brembilla, Sandro: *See—*
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Bremer, Gordon; and Wachtel, Robert, to Paradyne Corporation. System for evaluating transmission line impairments. 4,503,545, 3-5-85, Cl. 375-34.000.
Bremer, Gordon; and Betts, William L., to Paradyne Corporation. Modem multiplexer synchronization by radial modulation. 4,509,171, 4-2-85, Cl. 370-100.000.
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Bremer, Gordon, to Paradyne Corporation. QAM Encoder. 4,525,847, 6-25-85, Cl. 375-59.000.
Bremer, Gordon; Betts, William; and Martinez, Kenneth, to Paradyne Corporation. Phase tracking loop for digital modem. 4,532,640, 7-30-85, Cl. 375-120.000.
Bremer, Noel J.; Dria, Dennis E.; Milberger, Ernest C.; Blum, Patricia R.; and Nicholas, Mark L., to Standard Oil Company, The. Attrition resistant microspheroidal fluid bed catalysts containing the mixed oxides of vanadium and phosphorus. 4,525,471, 6-25-85, Cl. 502-209.000.
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Bremer Orthopedics, Inc.: *See—*
Bremer, Paul W., 4,539,979, Cl. 128-75.000.
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Bremer Vulkan AG Schiffbau Und Maschinenfabrik: *See—*
Schwarz, Hartmut B., 4,546,718, Cl. 114-39.000.

Bremner, John M., to Iowa State University Research Foundation, Inc. Method of inhibiting nitrification of ammonium nitrogen. 4,552,581, 11-12-85, Cl. 71-61.000.

Brems, John H. Workpiece transfer mechanism. 4,496,280, 1-29-85, Cl. 414-749.000.

Brems, John H. Rotary retardation devices. 4,497,393, 2-5-85, Cl. 188-322.500.

Brems, John H. Workpiece clamping mechanism for multiple station transfer machines. 4,498,572, 2-12-85, Cl. 198-345.000.

Brems, John H.; and Vaphiadis, John L., to Lamb Technicon Corp. Cross-over track structure for wheeled pallets. 4,516,504, 5-14-85, Cl. 104-130.000.

Brems, John H. Straight line linkage. 4,545,266, 10-8-85, Cl. 74-103.000.

Bremson Data Systems, Inc.: *See—*
Van Wandelen, Henri, 4,494,876, Cl. 356-404.000.

Bren, Viktor G.: *See—*
Axenov, Ivan I.; Bren, Viktor G.; Padalka, Valentin G.; Sablev, Leonid P.; Stupak, Rimma I.; and Khoroshikh, Vladimir M., 4,551,221, Cl. 204-298.000.

Brenci, Massimo: *See—*
Sottini, Stefano; Brenci, Massimo; Righini, Giancarlo; Falciai, Riccardo; Russo, Vera; and Scheggi, Verga A., 4,521,070, Cl. 350-96.150.

Brenda Mines Ltd.: *See—*
Austin, James W.; Bradburn, Ronald G.; Cromwell, Clarence A.; Gratch, Eitan; Gross, Erich; Perkins, Derek; and Walker, Robert A., 4,500,496, Cl. 423-55.000.

Brendel, Richard; and Conrad, Herbert, to Geroh GmbH, Mechanische Systeme. Cable clamp. 4,536,921, 8-27-85, Cl. 24-132.0WL.

Brenden, Bryon B.; and Russell, James T., to Digital Recording Corporation. Focusing elements and system for producing a prescribed energy distribution along an axial focal zone. 4,545,653, 10-8-85, Cl. 350-432.000.

Brendes, Horst: *See—*
Pokorny, Cornel; and Brendes, Horst, 4,511,267, Cl. 400-110.000.

Brendle, Konrad; Schiffer, Harald; and Fahrenschon, Kurt, to Licentia Patent-Verwaltungs-GmbH. Liquid crystal display device with partial vacuum in passive regions and method for manufacturing same. 4,548,475, 10-22-85, Cl. 350-334.000.

Brendley, William H., Jr.: *See—*
Kuhn, Robert R.; Whiteman, John D.; and Brendley, William H., Jr., 4,515,835, Cl. 427-388.300.

Brendling, Lennart I. Collapsible urinal drop collector applicator. 4,500,314, 2-19-85, Cl. 604-346.000.

Brendlinger, Edward C.; Higgs, Richard F.; and Kharouf, Issa J., to United States Steel Corporation. Horizontal-pass electrotreating cell. 4,507,190, 3-26-85, Cl. 204-206.000.

Breneman, James C. Method for testing for immune responses to food. 4,543,964, 10-1-85, Cl. 128-743.000.

Brenholdt, Irving R., to St. Regis Paper Company. Apparatus and method for determining pulp stock consistency. 4,507,556, 3-26-85, Cl. 250-341.000.

Brenholdt, Irving R., to St. Regis Paper Company. Transducer mounting assembly. 4,543,482, 9-24-85, Cl. 250-343.000.

Brenman, Henry S.; Katz, Philip; and Singer, Mark, to Biosonics, Inc. Means for transferring electrical energy to and from living tissue. 4,510,939, 4-16-85, Cl. 128-639.000.

Brenman, Henry S.; Katz, Philip; and Beatty, Graydon E., to Biosonics, Inc. Method for stimulating salivation. 4,519,400, 5-28-85, Cl. 128-741.000.

Brenman, Henry S.; Katz, Philip; and Schwartz, Harold L., to Biosonics, Inc. Apparatus and method for stimulating penile erectile tissue. 4,542,753, 9-24-85, Cl. 128-788.000.

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Katz, Philip; Brenman, Henry S.; Lowry, Louis D.; and Schwartz, Harold, 4,502,150, Cl. 381-70.000.
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Brennan, Albert T., to SMA Controls Inc. Cutting tool. 4,498,820, 2-12-85, Cl. 409-179.000.

Brennan, Daniel F. Tree climbing apparatus. 4,546,851, 10-15-85, Cl. 182-7.000.

Brennan, Dean C., to D. C. Brennan Firearms, Inc. Gun barrel. 4,527,348, 7-9-85, Cl. 42-76.00R.

Brennan, Edward J.; and Pratt, John H., Jr., to PTC Aerospace Inc. Self-deploying legrest assembly. 4,509,795, 4-9-85, Cl. 297-434.000.

Brennan, Edward J., to PTC Aerospace Inc. Quick release mounting for seat back tray table. 4,511,178, 4-16-85, Cl. 297-146.000.

Brennan, Edward J.; Long, William A.; and Brunelle, Rene J., to PTC Aerospace Inc. Multi-passenger aircraft seat having composite panel frame. 4,526,421, 7-2-85, Cl. 297-232.000.

Brennan, Edward J., to PTC Aerospace Inc. Convertible seat. 4,533,175, 8-6-85, Cl. 297-232.000.

Brennan, Edward J., to PTC Aerospace Inc. Convertible seating unit. 4,536,027, 8-20-85, Cl. 297-124.000.

Brennan, Edward J., to PTC Aerospace Inc. Dish for use with meal tray feeding system which uses heater shelves to lift dishes. 4,560,859, 12-24-85, Cl. 219-386.000.

Brennan, Gerald J. Chimney flue insertion apparatus. 4,500,078, 2-19-85, Cl. 269-46.000.

Brennan, John F., to UOP Inc. Catalyst for the reduction of nitrogen oxides in gaseous mixtures and method of making the catalyst. 4,518,710, 5-21-85, Cl. 502-309.000.

Brennan, John F., to UOP Inc. Process for oxidizing a gas comprising carbon monoxide or an hydrocarbon. 4,522,792, 6-11-85, Cl. 423-213.500.

Brennan, John R.: *See—*
Holland, Ronald A.; Petrie, Harold L.; Brennan, John R.; and Christ, Frederick C., 4,519,457, Cl. 166-317.000.

Brennan, Michael E., to Texaco Inc. Alkoxylated modified Mannich condensates and manufacture of rigid polyurethane foams therewith. 4,500,655, 2-19-85, Cl. 521-163.000.

Brennan, Michael E.; and Speranza, George P., to Texaco Inc. Aromatic polyols made from polyethylene terephthalate scrap, glycols and aromatic carbonyl-containing compounds. 4,506,090, 3-19-85, Cl. 560-91.000.

Brennan, Michael E.; Templeton, James H.; and Yeakey, Ernest L., to Texaco Inc. Preparation of linear polyethylenepolyamines with silica-alumina catalysts. 4,547,591, 10-15-85, Cl. 564-479.000.

Brennan, Michael E.: *See—*
Grigsby, Robert A., Jr.; Speranza, George P.; Brennan, Michael E.; and Yeakey, Ernest L., 4,536,522, Cl. 521-172.000.

Brennan, Robert J.; and Meighen, Terrence, to Stewart Stamping Corporation. Modular connector for terminating EMI/RFI shielded cordage and cord terminated thereby. 4,506,944, 3-26-85, Cl. 339-143.00R.

Brennan, Robert J.; and Meighen, Terrence, to Stewart Stamping Corporation. Modular connector for terminating EMI/RFI shielded cordage. 4,516,825, 5-14-85, Cl. 339-143.00R.

Brennan, Robert J.; Meighen, Terrence; and Phillipson, Walter M., to Stewart Stamping Corporation. Jack for EMI/RFI shield terminating modular plug connector. 4,537,459, 8-27-85, Cl. 339-143.00R.

Brennan, Thomas M.; and Hendrick, Michael E., to Pfizer Inc. Branched amides of L-aspartyl-D-amino acid dipeptides. 4,517,379, 5-14-85, Cl. 564-193.000.

Brenneisen, Kurt; and Koch, Werner, to Sandoz Ltd. Symmetrical unsubstituted and substituted 2-halo-4-(4′-(trisulfonaphthylazo)-phenylamino)-1,3,5-triazin-6-ylamino compounds. 4,502,866, 3-5-85, Cl. 8-549.000.

Brenneman, Gary W. Belt tensioning device. 4,512,752, 4-23-85, Cl. 474-114.000.

Brennen, John F.: *See—*
Alvarez, Joseph A., III; Brennen, John F.; Krug, Robert W.; Gobioff, Bruce D.; and Shabe, John, 4,507,781, Cl. 370-104.000.

Brennensholtz, Matthew S.; and Donofrio, Robert L., to North American Philips Consumer Electronics Corp. Surface reflectivity device and method. 4,552,459, 11-12-85, Cl. 356-448.000.

Brenner, Friedhelm: *See—*
Kaufmann, Heinrich; and Brenner, Friedhelm, 4,525,057, Cl. 355-3.0FU.

Brenner, Gerhard E. Drapeable decorative sheet material. 4,544,585, 10-1-85, Cl. 428-17.000.

Brenner, Paul, to Eckardt AG. Crossed-bellows controller. 4,559,866, 12-24-85, Cl. 92-39.000.

Brenner, Robert A., to Whirlpool Corporation. Triple action agitator for automatic washers. 4,520,638, 6-4-85, Cl. 68-133.000.

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Brenner, Stanley: *See—*
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Brenner, Stewart: *See—*
Blumberg, Richard J.; Brenner, Stewart; and Robortaccio, Rocco J., 4,521,700, Cl. 307-456.000.

Brennfleck, Karl: *See—*
Fitzer, Erich; Brennfleck, Karl; and Schlichting, Jurgen, deceased, 4,540,606, Cl. 427-247.000.

Brennstoffinstitut Freiberg: *See—*
Kretschmer, Horst; Tietze, Guenter; Beiermann, Norbert; Schingnitz, Manfred; and Goehler, Peter, 4,501,156, Cl. 73-861.040.
Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, 4,521,139, Cl. 406-19.000.

Brentini, Attilio: *See—*
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Brenton, Ronald G.; and Runck, Robin B., to Berwind Corporation. Method of manufacturing capacitance-type material level indicator probe. 4,499,640, 2-19-85, Cl. 29-25.410.

Breque, Anne; Muller, Georges; Bonnard, Hubert; Mathey, Francois; and Savignac, Philippe, to Institut National de Recherche Chimique Appliquee; and Centre National de la Recherche Scientifique. Phospholes with functional substituents on the phosphorus and process for the preparation of phospholes. 4,504,683, 3-12-85, Cl. 568-12.000.

Brereton, Colin, to Imperial Chemical Industries PLC. Electrolytic cell. 4,537,672, 8-27-85, Cl. 204-253.000.

Brereton, Colin: *See—*
Burgess, Paul E. A.; and Brereton, Colin, 4,541,911, Cl. 204-253.000.

Bresak, Ann F.; and Toigyesi, Eva, to Gillette Company, The. Hair treating composition. 4,542,014, 9-17-85, Cl. 424-70.000.

Brescia, Riccardo; Buat, Mario; Dagna, Gian D.; and Scardovi, Alessandro, to Ing. C. Olivetti & C., S.p.A. Selective ink-jet printing device. 4,502,054, 2-26-85, Cl. 346-75.000.

Brescia, Riccardo, to Ing. C. Olivetti & C., S.p.A. Ink-jet printer damping. 4,528,579, 7-9-85, Cl. 346-140.00R.

Brescia, Riccardo; Manini, Enrico; Balbo, Edoardo; and Scardovi, Alessandro, to Ing. C. Olivetti & C., S.p.A. Ink jet printing method and device. 4,546,361, 10-8-85, Cl. 346-140.00R.
Breseghello, Christian: *See—*
  Billard, Alain A.; Santalucia, Andre R.; and Breseghello, Christian, 4,524,670, Cl. 89-1.530.
Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S. Safety coupling arrangement. 4,527,816, 7-9-85, Cl. 285-81.000.
Bresin, Mark S.: *See—*
  Macin, Bruce J.; and Bresin, Mark S., 4,534,208, Cl. 73-49.300.
Breske, Carl D.; and Borning, Jeffrey M., to Control Data Corporation. Device for soldering/desoldering apertured lendless packages. 4,518,110, 5-21-85, Cl. 228-20.000.
Breslau, Steven M., to Sima Products Corporation. Photographic slide sorter. 4,497,127, 2-5-85, Cl. 40-367.000.
Breslin, Michael K. Apparatus and method for recovery of liquid hydrocarbons from ground water. 4,497,370, 2-5-85, Cl. 166-372.000.
Breslow, Jeffrey D.; Morrison, Howard J.; Ditton, Richard A.; Meyer, Steven M.; and Morrison, Robert S., to Marvin Glass & Associates. Domino, or the like, placing video game. 4,530,499, 7-23-85, Cl. 273-1.0GC.
Breslow, Jeffrey D.: *See—*
  Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,498,674, Cl. 273-243.000.
  Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,534,566, Cl. 273-248.000.
  Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,534,567, Cl. 273-255.000.
  Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,544,162, Cl. 273-242.000.
  Ferris, Michael J.; and Breslow, Jeffrey D., 4,550,917, Cl. 273-246.000.
  Hanson, Steven P.; and Breslow, Jeffrey D., 4,524,967, Cl. 273-1.0GE.
  Jaworski, Eugene; and Breslow, Jeffrey D., 4,547,173, Cl. 446-457.000.
  Rasmussen, Russell G.; Peinsipp, Alice A.; and Breslow, Jeffrey D., 4,544,156, Cl. 273-5.00A.
  Rehkemper, Steven F.; Rosenwinkel, Donald A.; Zaruba, John V.; and Breslow, Jeffrey D., 4,552,363, Cl. 273-241.000.
  Rosenwinkel, Donald A.; Breslow, Jeffrey D.; and Zaruba, John V., 4,526,376, Cl. 273-249.000.
Bresnick, Herbert L., to Xerox Corporation. Multi-roll fusing system. 4,526,459, 7-2-85, Cl. 355-3.0FU.
Bressand, Rene; and Desarmaux, Pierre, to Salomon S.A. Device for adjusting the longitudinal position of a safety binding for ski. 4,519,624, 5-28-85, Cl. 280-633.000.
Bressand, Rene: *See—*
  Boussemart, Jean-Pierre; Bressand, Rene; and Pascal, Roger, 4,553,772, Cl. 280-628.000.
  Pascal, Roger; and Bressand, Rene, 4,561,673, Cl. 280-629.000.
Bresser, Onno R., to N.K.F. Groep B.V. Optical cable element. 4,557,558, 12-10-85, Cl. 350-96.230.
Bressert, Edgar; Gulich, Gerhard; Martini, Helmut; Meny, Rudi; Sauer, Roland; and Wohr, Rolf, to Robert Bosch GmbH. Detecting a rapid change of a critical physical condition. 4,543,570, 9-24-85, Cl. 340-589.000.
Bressier, Peter: *See—*
  Urion, Kenard E.; and Bressier, Peter, 4,553,711, Cl. 242-55.300.
Bressler, Klaus: *See—*
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Bresson, Clarence R., to Phillips Petroleum Company. Ore flotation with combined collectors. 4,511,465, 4-16-85, Cl. 209-166.000.
Bresson, Clarence R.; and Mark, Harold W., to Phillips Petroleum Company. Ore flotation and flotation agents for use therein. 4,514,293, 4-30-85, Cl. 209-167.000.
Bresson, Clarence R.; and Louthan, Rector P. Ore flotation and flotation agents for use therein. 4,515,687, 5-7-85, Cl. 209-167.000.
Bresson, Clarence R.; and Kimble, Kenneth B., to Phillips Petroleum Company. Ore flotation with combined collectors. 4,518,492, 5-21-85, Cl. 209-166.000.
Bresson, Clarence R.; Robles, Benjamin R.; and Parlman, Robert M., to Phillips Petroleum Company. Polycarboxylic acid derivatives and uses. 4,533,466, 8-6-85, Cl. 209-167.000.
Bresson, Clarence R.; and Parlman, Robert M., to Phillips Petroleum Company. Flotation reagents. 4,556,500, 12-3-85, Cl. 252-61.000.
Bresson, Clarence R.; Parlman, Robert M.; and Kimble, James B., to Phillips Petroleum Company. Trithiocarbonate flotation reagents. 4,561,984, 12-31-85, Cl. 252-61.000.
Bresson, Clarence R.: *See—*
  Kimble, Kenneth B.; and Bresson, Clarence R., 4,528,141, Cl. 260-455.00B.
  Kimble, Kenneth B.; Bresson, Clarence R.; and Mark, Harold W., 4,533,467, Cl. 209-167.000.
  Kimbie, Kenneth B.; Mark, Harold W.; and Bresson, Clarence R., 4,554,068, Cl. 209-167.000.
  Kimble, Kenneth B.; Mark, Harold W.; and Bresson, Clarence R., 4,554,108, Cl. 260-455.00A.
  Kimble, Kenneth B.; and Bresson, Clarence R., 4,561,971, Cl. 209-166.000.
  Parlman, Robert M.; Bresson, Clarence R.; and Young, Tommy L., 4,510,050, Cl. 209-167.000.
  Parlman, Robert M.; and Bresson, Clarence R., 4,521,300, Cl. 209-166.000.
  Parlman, Robert M.; and Bresson, Clarence R., 4,534,857, Cl. 209-166.000.
Bressy, Roger: *See—*
  Bonnet, Bernard; Bressy, Roger; and Sevaille, Jean-Claude, 4,555,640, Cl. 307-115.000.
Brestel, Ronald R.; and Meyer, Dale L., to Fisher Controls International, Inc. Cam valve self-centering seat. 4,519,579, 5-28-85, Cl. 251-172.000.
Breston, Michael P. Gravity-actuated thermal engines. 4,509,329, 4-9-85, Cl. 60-531.000.
Breston, Michael P.: *See—*
  Sargent, Claud B., 4,502,222, Cl. 30-251.000.
Bretagnolle, Bernard: *See—*
  Jutier, Pierre; Bretagnolle, Bernard; and Rubat du Merac, Claire, 4,539,593, Cl. 358-160.000.
Bretford Manufacturing, Inc.: *See—*
  Petrick, David C., 4,512,543, Cl. 248-670.000.
Bretherick, Leslie; and Hodgson, Philip K. G., to British Petroleum Company p.l.c., The. Compositions for use in oil recovery and method of use. 4,497,717, 2-5-85, Cl. 252-8.55D.
Brethorst, David L.: *See—*
  Huang, Min N.; and Brethorst, David L., 4,505,205, Cl. 104-139.000.
Bretl, Wayne E., to Zenith Electronics Corporation. Integrated crystal VCO. 4,517,533, 5-14-85, Cl. 331-116.00R.
Bretl, Wayne E.: *See—*
  Tentler, Michael; Walker, David L.; Bretl, Wayne E.; and Williams, Gregory A., 4,554,581, Cl. 358-120.000.
Breton, Jacques. Regulated-current source and controlled-voltage generator. 4,504,882, 3-12-85, Cl. 361-93.000.
Breton S.p.A.: *See—*
  Toncelli, Marcello; and Cado, Walter, 4,559,920, Cl. 125-17.000.
Bretscher, Erwin; and Vettiger, Peter, to International Business Machines Corporation. System for improving the uniformness of patterns generated by electron beam lithography. 4,500,790, 2-19-85, Cl. 250-492.200.
Bretschneider, Hermann: *See—*
  Brombacher, Urs; Montavon, Marc; Bretschneider, Hermann, Schantl, Joachim; and Turk, Wolfgang, 4,544,659, Cl. 514-297.000.
Brett, C. Everett: *See—*
  Schaetzle, Walter J.; Brett, C. Everett; and Al-Ansari, Jasem M., 4,507,925, Cl. 60-641.400.
Brett, Clive E.: *See—*
  Pask, George; and Brett, Clive E., 4,492,521, Cl. 416-193.00A.
Brett, Robert A.: *See—*
  Solomon, David H.; Ross, John B.; Girolamo, Mario; and Brett, Robert A., 4,536,016, Cl. 283-111.000.
Brettbacher, Franz; Rudolf, Buchegger; and Hirschmanner, Franz, to Voest-Alpine Aktiengesellschaft. Hot-rolling plant. 4,494,395, 1-22-85, Cl. 72-203.000.
Brettbacher, Franz: *See—*
  Hirschmanner, Franz; Buchegger, Rudolf; and Brettbacher, Franz, 4,554,812, Cl. 72-202.000.
  Langer, Uwe; and Brettbacher, Franz, 4,497,191, Cl. 72-202.000.
Bretthauer, Hans J.: *See—*
  Focke, Heinz; and Bretthauer, Hans J., 4,523,919, Cl. 493-212.000.
Bretts, Gerald R.: *See—*
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  Anderson, Philip M., III; Kearney, James E.; and Bretts, Gerald R., 4,510,490, Cl. 340-572.000.
Brettschneider, Horst; and Hartl, Walter, to U.S. Philips Corporation. X-Ray tube having flashover prevention means. 4,499,592, 2-12-85, Cl. 378-121.000.
Bretz, Frank E., to Ajax Consolidated Co. Vehicle refrigeration unit and mounting assembly. 4,507,937, 4-2-85, Cl. 62-298.000.
Bretz, Gregory T.: *See—*
  Crosbie, Gary M.; and Bretz, Gregory T., 4,519,967, Cl. 264-86.000.
Bretzloff, Carl W.: *See—*
  Wu, Lung-chi; and Bretzloff, Carl W., 4,534,781, Cl. 71-5.000.
Breuer, Hans; Rindelaub, Frank; and Velebil, Gerhard, to BRV Technologie-Systeme AG. Process for the treatment of organic fall-out products. 4,504,394, 3-12-85, Cl. 210-632.000.
Breuer, Hermann; Denzel, Theodor; and Treuner, Uwe D., to E. R. Squibb & Sons, Inc. 2-Oxo-1-[(acylamino)sulfonyl]azetidines. 4,499,016, 2-12-85, Cl. 260-239.00A.
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Breuer, Hermann: *See—*
  Treuner, Uwe D.; and Breuer, Hermann, 4,534,896, Cl. 260-239.00A.
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Breuer, Oswald: *See—*
  Merten, Gerhard; Breuer, Oswald; Hesse, Norbert; and Steinkuhl, Bernd, 4,557,525, Cl. 299-93.000.
Breuers, Theo P. C.; Heijnen, Andreas T.; and Leppink, Arie, to Oce-Nederland B.V. Apparatus for delivering web material or the like from rolls. 4,492,138, 1-8-85, Cl. 83-203.000.
Breuillard, Robert: *See—*
  Pelletier, Joel A.; and Breuillard, Robert, 4,494,014, Cl. 307-254.000.

- Breunich, Theodore R.: *See—*
  - Di Noia, Emanuel J.; and Breunich, Theodore R., 4,524,624, Cl. 73-708.000.
- Breunig, Roger D.: *See—*
  - Antonellis, Stephen M.; and Breunig, Roger D., 4,526,508, Cl. 415-172.00A.
- Breuninger, Axel; Pollmann, Richard; and Scheyrer, Peter, to GFO Gesellschaft Fer Oberflachentechnik mbH. Process for producing scratch resistant antistatic sound and picture carrier. 4,503,094, 3-5-85, Cl. 427-250.000.
- Breuninger, Robert E., to Hinkle, John F., Jr.; and Stockdale, Wendell B., a part interest. Egg lathe. 4,520,753, 6-4-85, Cl. 118-500.000.
- Breur, Heinz G.: *See—*
  - Janssen, Karl-Egon; and Breur, Heinz G., 4,548,121, Cl. 89-26.000.
- Breuser, Erich; Grozinger, Wilhelm; Latsch, Reinhard; and Wurfel, Gernot, to Robert Bosch GmbH. Spark-plug assembly for internal-combustion engine. 4,509,476, 4-9-85, Cl. 123-266.000.
- Breustedt, Alfred; Taschner, Heinz; Korf, Rainer; and Lorenz, Renate, to VEB Kombinat Medizin-und Labortechnik Leipzig. Mineral tooth with silane-coupled adhesive plastic part. 4,523,912, 6-18-85, Cl. 433-202.000.
- Brevetti Gaggia S.p.A.: *See—*
  - Pandolfi, Alberto, 4,540,288, Cl. 366-145.000.
- Brevex Georges Claude S.A.: *See—*
  - Droz, Francois, 4,560,133, Cl. 248-442.000.
- Brevick, Arnold A., to Methode Electronics, Inc. Electric switch. 4,544,811, 10-1-85, Cl. 200-5.00R.
- Breville Holdings Pty. Limited: *See—*
  - O'Brien, William J., 4,555,616, Cl. 219-432.000.
  - Yip, Shu W., 4,516,926, Cl. 425-464.000.
- Brew, James K.: *See—*
  - Miranti, Joseph P., Jr.; and Brew, James K., 4,509,933, Cl. 474-93.000.
- Brewer, Bruce L., to AMCA International Corporation. Single shop continuous casting facility. 4,502,527, 3-5-85, Cl. 164-418.000.
- Brewer, Carl T. Clutch actuator. 4,520,909, 6-4-85, Cl. 192-0.02R.
- Brewer, Jack W.: *See—*
  - Kim, Chong Y.; Farver, Terry F.; and Brewer, Jack W., 4,508,825, Cl. 435-201.000.
- Brewer, James A.; Eggebrecht, Lewis C.; Kummer, David A.; and McHugh, Patricia P., to International Business Machines Corporation. Refresh circuit for dynamic memory of a data processor employing a direct memory access controller. 4,556,952, 12-3-85, Cl. 364-900.000.
- Brewer, John H.; and Cress, Hobart A., to Fluor Subsea Services, Inc. Method and apparatus for conversion of semi-submersible platform to tension leg platform for conducting offshore well operations. 4,516,882, 5-14-85, Cl. 405-224.000.
- Brewer, John R.: *See—*
  - Armando, Toni E.; Brewer, John R.; Duvall, Leroy F.; and Novotny, John C., 4,539,211, Cl. 426-291.000.
- Brewer, Lewis E. Quick release drum head restraint. 4,506,586, 3-26-85, Cl. 84-413.000.
- Brewer, Richard D., to Micrometrics, Ltd. Microwave monitor. 4,539,567, 9-3-85, Cl. 343-351.000.
- Brewer, Robert A. Labeling keeper. 4,492,048, 1-8-85, Cl. 40-2.00R.
- Brewer, Robert J., to U.S. Philips Corporation. Accumulation mode bulk channel charge-coupled devices. 4,503,450, 3-5-85, Cl. 357-24.000.
- Brewer, Ronald W., to Instrument Specialties Co., Inc. Electromagnetic shielding device. 4,543,447, 9-24-85, Cl. 174-35.0GC.
- Brewer, Stephen J.; and Sassenfeld, Helmut M., to G. D. Searle & Co. Process for the preparation of polypeptides utilizing a charged amino acid polymer and exopeptidase. 4,532,207, 7-30-85, Cl. 435-68.000.
- Brewer, William D. Method of manufacturing laminated foam plastics materials. 4,540,455, 9-10-85, Cl. 156-79.000.
- Brewington, Grace T.; Bolte, Steven B.; Hays, Dan; and Wayman, William H., to Xerox Corporation. Toner charging apparatus containing wear resistant coatings. 4,505,573, 3-19-85, Cl. 355-3.0DD.
- Brewington, Grace T.: *See—*
  - Bolte, Steven B.; Brewington, Grace T.; Davidson, Theodore; Koehler, Richard F., Jr.; and Martin, Robert G., 4,497,570, Cl. 355-16.000.
- Brewster, Albert L. Thread anvils for inside micrometer. 4,547,970, 10-22-85, Cl. 33-167.000.
- Brewster, Albert L. Thread gauge for measuring thread pitch diameters. 4,553,337, 11-19-85, Cl. 33-199.00R.
- Brewster, Jeffrey D.: *See—*
  - Anderson, James L.; and Brewster, Jeffrey D., 4,540,280, Cl. 356-246.000.
- Brey, Larry A.: *See—*
  - Cadwell, Donald E.; and Brey, Larry A., 4,542,089, Cl. 430-276.000.
- Breynaert, Dirk: *See—*
  - Verfaillie, Guido A. M.; and Breynaert, Dirk, 4,542,347, Cl. 329-124.000.
- Breynk, Wolfgang: *See—*
  - Drzevitzky, Bernd; and Breynk, Wolfgang, 4,529,103, Cl. 222-130.000.
- Breysse, Michele: *See—*
  - Bernard, Jean R.; and Breysse, Michele, 4,493,901, Cl. 502-37.000.
- Brezina, David C. Composite vehicle frames and method of manufacturing composite vehicle frames. 4,493,749, 1-15-85, Cl. 156-187.000.
- Brezinski, Donald P., to Corning Glass Works. Replaceable junctions for reference electrodes. 4,495,052, 1-22-85, Cl. 204-435.000.
- Brezzo, Bernard; Calvignac, Jean; Dambricourt, Richard; Masclet, Andre; and Sanche, Jean-Pierre, to International Business Machines Corporation. Communication line scanning device for a communication controller. 4,493,051, 1-8-85, Cl. 364-900.000.
- Brian Davis and Company Proprietary Limited: *See—*
  - Carlson, Arthur R., 4,499,998, Cl. 206-541.000.
- Brian, Dow V.; and Hawes, Samuel R., to Voicemail International, Inc. Digitized voice message storage system. 4,549,047, 10-22-85, Cl. 179-18.00B.
- Brian, Michael, to Rockwell International Corporation. Dynamic voltage reference apparatus for A/D converters. 4,549,165, 10-22-85, Cl. 340-347.0CC.
- Brian Watt Associates, Inc.: *See—*
  - Chen, Jade; Birdy, Jal N.; and Watt, Brian J., 4,537,532, Cl. 405-217.000.
- Briand, Jean P. Conical bobbin and method of forming same. 4,526,566, 7-2-85, Cl. 493-296.000.
- Briar Neckwear, Inc.: *See—*
  - Franklin, Stanley, 4,506,389, Cl. 2-144.000.
- Briard, Rene; Saunier, Christian; and Canova, Guy, to Giravions Dorand. Method and apparatus for formation of a fictitious target in a training unit for aiming at targets. 4,521,196, 6-4-85, Cl. 434-20.000.
- Briard, Rene: *See—*
  - Allard, Jean-Claude; Briard, Rene; and Saunier, Christian, 4,534,735, Cl. 434-20.000.
- Bricaud, Herve; and L'Henaff, Patrick, to Socapex. Connector comprising at least one contact having a resiliently deformable arm. 4,555,153, 11-26-85, Cl. 339-17.0CF.
- Briccetti, Mario F., to Carrier Corporation. Apparatus for controlling the operation of an indoor fan associated with an air conditioning unit. 4,493,194, 1-15-85, Cl. 62-180.000.
- Brice, Jean-Michel, to E.F.C.I.S. Non-volatile flip-flop with a dynamic resetting. 4,499,560, 2-12-85, Cl. 365-228.000.
- Brice, Jean-Michel, to Societe pour l'Etude et la Fabrication de Circuits Integres Speciaux E.F.C.I.S. Non-volatile decade counter using Johnson code or equivalent. 4,512,029, 4-16-85, Cl. 377-33.000.
- Brice, Jean-Michel; and Maillart, Patrick, to Societe pour l'Etude et la Fabrication de Circuits Integres Speciaux E.F.C.I.S. Non-volatile flip-flop with a static resetting. 4,541,073, 9-10-85, Cl. 365-156.000.
- Brice, John C.; and Brough, Colin R., to U.S. Philips Corporation. Method of preparing a plurality of castings having a predetermined composition. 4,529,027, 7-16-85, Cl. 164-76.100.
- Brice, John C.; Page, John L.; and Whiffin, Peter A. C., to U.S. Philips Corporation. Liquid phase epitaxy apparatus. 4,535,720, 8-20-85, Cl. 118-415.000.
- Brice, John C.; and Brough, Colin R., to U.S. Philips Corporation. Method of and apparatus for producing a controlled unsaturated vapor pressure of a volatile liquid in a heat treatment chamber. 4,536,227, 8-20-85, Cl. 148-13.100.
- Brich, Zdenek; and Muhle, Herbert, to Sandoz Ltd. Process for the isomerization of ergovine derivatives. 4,515,950, 5-7-85, Cl. 546-67.000.
- Briche, Paul, to Aciers et Outillage Peugeot. Air intake for an air filter of an internal combustion engine. 4,526,156, 7-2-85, Cl. 123-552.000.
- Brichima S.p.A.: *See—*
  - Maggioni, Paolo; Minisci, Francesco; and Correale, Mariano, 4,542,229, Cl. 549-462.000.
- Brichta, Corrado: *See—*
  - Zamboni, Valentino; Brichta, Corrado; and Troglia, Claudio, 4,518,731, Cl. 524-166.000.
- Brick, Francis M., to F. M. Brick Industries, Inc. High-power rescue tool. 4,531,289, 7-30-85, Cl. 30-134.000.
- Brick, Jack. Combination towel and rain cover for a golf bag. 4,498,579, 2-12-85, Cl. 206-315.400.
- Brick, Michael J.; and Dirnberger, Linus R., to Westinghouse Electric Corp. Elevator system with lamp status and malfunction monitoring. 4,555,689, 11-26-85, Cl. 340-19.00R.
- Brickman, Eugene L.: *See—*
  - Berner, Paul C., Jr.; and Brickman, Eugene L., 4,561,499, Cl. 166-85.000.
- Brickman, Norman F.; and Rosenbaum, Walter S., to International Business Machines Corporation. Word autocorrelation redundancy match facsimile compression for text processing systems. 4,494,150, 1-15-85, Cl. 358-260.000.
- Brickman, Norman F.; and Rosenbaum, Walter S., to International Business Machines Corporation. Method for identification and compression of facsimile symbols in text processing systems. 4,499,499, 2-12-85, Cl. 358-263.000.
- Brickman, Norman F.: *See—*
  - Bensadon, Joseph M.; and Brickman, Norman F., 4,551,835, Cl. 370-110.100.
- Bricknell, Rodger H., to General Electric Company. Fluorescent lamp with iron-nickel bimetal filament switch. 4,554,526, 11-19-85, Cl. 337-379.000.
- Bricmont & Associates, Inc.: *See—*
  - Bricmont, Francis H., 4,553,925, Cl. 431-178.000.
- Bricmont, Francis H., to Bricmont & Associates, Inc. Flow distribution header system. 4,553,925, 11-19-85, Cl. 431-178.000.
- Bricot, Claude, to Thomson-CSF. Device for optical recording and read-out of data along a prerecorded track. 4,513,407, 4-23-85, Cl. 369-44.000.
- Bricot, Claude; Gerard, Jean-Louis; and Audoin, Michel, to Thomson-CSF. Optical track follower device with sampling. 4,535,431, 8-13-85, Cl. 369-44.000.
- Bricot, Claude; Berthet, Pierre; Mertz, Bruno; and Gerard, Jean-Louis, to Thomson-CSF. Information carrier disk with angular coding means and a system for driving said disk in rotation. 4,556,966, 12-3-85, Cl. 369-52.000.

Bricot, Claude; Berthet, Pierre; and Gerard, Jean-Louis, to Thomson-CSF. Process and optical device for generating signals controlling the position of a scanning spot of the tracks of a data carrier. 4,562,564, 12-31-85, Cl. 369-44.000.

Bricot, Claude: *See—*
- Gerard, Jean-Louis; Bricot, Claude; and Berthet, Pierre, 4,553,228, Cl. 369-46.000.
- Gerard, Jean-Louis; Berthet, Pierre; Bricot, Claude; and Audoin, Michel, 4,561,082, Cl. 369-45.000.

Bridge, Andrew W.: *See—*
- Ashton, Michael J.; Bridge, Andrew W.; Chapman, Robert F.; Fenton, Garry; Loveless, Anthony H.; and Riddell, David, 4,493,843, Cl. 424-274.000.

Bridge, Edward W., Jr. Meat tenderizer apparatus. 4,531,259, 7-30-85, Cl. 17-26.000.

Bridge, Elmer R.: *See—*
- Kamping, Jan H.; and Bridge, Elmer R., 4,498,505, Cl. 140-2.000.

Bridge, Michael L., to Dresser Industries, Inc. Apparatus for restraining electronic assemblies. 4,550,599, 11-5-85, Cl. 73-151.000.

Bridge Products, Inc.: *See—*
- Earley, John R., 4,538,658, Cl. 152-427.000.

Bridge, Richard F. Composite strip. 4,521,767, 6-4-85, Cl. 340-555.000.

Bridgeman, Danial N. P. Apparatus for producing continuous bags of thin wall material. 4,500,307, 2-19-85, Cl. 493-196.000.

Bridgeport Metal Goods Manufacturing Co., The: *See—*
- Vasas, Martin M., 4,527,575, Cl. 132-88.700.

Bridger, Nevill J.; and Turner, Andrew D., to United Kingdom Atomic Energy Authority. Electrode for use in electrochemical deionization and method of making same. 4,548,695, 10-22-85, Cl. 204-284.000.

Bridger, Nevill J.: *See—*
- Moseley, Patrick T.; and Bridger, Nevill J., 4,507,855, Cl. 29-623.100.

Bridger, Robert F., to Mobil Oil Corporation. Reducing low temperature haze formation of hydrodewaxed base stocks. 4,548,725, 10-22-85, Cl. 252-56.00R.

Bridges, Charles D., to Gray Tool Company. Temperature sensitive valve bonnet assembly. 4,540,012, 9-10-85, Cl. 137-72.000.

Bridges, Charles D., to Gray Tool Comany. Fire resistant valve. 4,556,076, 12-3-85, Cl. 137-72.000.

Bridges, Charles D.: *See—*
- Adamek, Frank C.; Bonds, James V.; and Bridges, Charles D., 4,511,002, Cl. 166-382.000.
- Jennings, Charles E.; Bridges, Charles D.; and King, Warren D., 4,553,589, Cl. 166-53.000.
- Milberger, Lionel J.; and Bridges, Charles D., 4,509,594, Cl. 166-208.000.

Bridges Electric, Inc.: *See—*
- McBride, Joseph R., 4,539,520, Cl. 324-117.00H.

Bridges, Ernest: *See—*
- Ittipiboon, Apisak; Shafai, Lotfollah; and Bridges, Ernest, 4,516,129, Cl. 343-772.000.

Bridges, Jack E., to IIT Research Institute. Apparatus and method for in situ controlled heat processing of hydrocarbonaceous formations with a controlled parameter line. 4,498,535, 2-12-85, Cl. 166-248.000.

Bridges, Jack E.; Taflove, Allen; and Sresty, Guggilam C., to IIT Research Institute. Single well stimulation for the recovery of liquid hydrocarbons from subsurface formations. 4,524,827, 6-25-85, Cl. 166-248.000.

Bridges, Jack E.; and Taflove, Allen, to IIT Research Institute. Conduction heating of hydrocarbonaceous formations. 4,545,435, 10-8-85, Cl. 166-248.000.

Bridges, Mark E., to Eastman Kodak Company. Data recording photographic camera. 4,493,547, 1-15-85, Cl. 354-424.000.

Bridges, Mark E., to Eastman Kodak Company. Finger over the lens detecting apparatus. 4,547,054, 10-15-85, Cl. 354-268.000.

Bridges, Robert B.: *See—*
- Petrie, Dennis J.; Bridges, Robert B.; Grass, William E.; and Hastings, Jerome K., 4,546,337, Cl. 335-16.000.

Bridges, Robert E., to Loomhurst Limited. Condensate drain valves. 4,505,427, 3-19-85, Cl. 236-54.000.

Bridges, Thomas J.: *See—*
- Beni, Gerardo; Bridges, Thomas J.; Hackwood, Susan; and Lin, Chinlon, 4,545,713, Cl. 414-1.000.

Bridges, William B., to Hughes Aircraft Company. Method and apparatus for separating isotopes using electrophoresis in a discharge. 4,545,878, 10-8-85, Cl. 204-157.10R.

Bridgestone Corporation: *See—*
- Abe, Norio; and Kawahara, Yoshiaki, 4,543,149, Cl. 156-350.000.
- Kawaida, Shinji; Okitsu, Yoshio; and Ikeda, Kazunari, 4,510,012, Cl. 156-415.000.
- Tanaka, Tsutomu; Yahagi, Mitsuhisa; and Watanabe, Shuichi, 4,508,153, Cl. 152-362.0CS.
- Yoda, Yasutada; Sueyasu, Seisuke; and Futamura, Shoji, 4,553,918, Cl. 425-46.000.

Bridgestone Cycle Co., Ltd.: *See—*
- Takamiya, Kikuzo; and Todoroki, Hiroshi, 4,541,648, Cl. 280-281.00R.
- Tanaka, Mitsuo; and Kozakae, Kunitoshi, 4,501,576, Cl. 474-141.000.

Bridgestone Tire Company Limited: *See—*
- Abe, Masaru; Miyoshi, Isao; Tezuka, Toshiro; and Yoshimoto, Toshio, 4,506,718, Cl. 152-361.00R.
- Azuma, Yusaku; Kitayama, Yoshifumi; and Kawaida, Shinji, 4,510,011, Cl. 156-407.000.
- Dan, Takuya; Watanabe, Isao; and Kurata, Tomoyuki, 4,505,462, Cl. 267-140.200.
- Dan, Takuya; and Fujita, Akio, 4,535,976, Cl. 267-8.00R.
- Hashimoto, Takatsugu; and Ohashi, Takashi, 4,546,127, Cl. 523-219.000.
- Ishii, Ryutaro; and Ogawa, Yuichiro, 4,540,131, Cl. 242-55.000.
- Itoh, Michio; Tsukamoto, Takehiro; Watanabe, Shuichi; Kinoshita, Takeshi; and Tomita, Seisuke, 4,545,416, Cl. 152-539.000.
- Kajigaya, Shinichi; and Nakaya, Mitsuo, 4,515,502, Cl. 405-215.000.
- Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, 4,527,606, Cl. 152-209.00R.
- Kitamura, Takashi; Fukuura, Yukio; Tanuma, Itsuo; Shinogaya, Toshikazu; and Noda, Yuji, 4,548,687, Cl. 204-159.170.
- Maeda, Muneyoshi; Endo, Kazuyuki; and Tansei, Hikaru, 4,526,217, Cl. 152-527.000.
- Makino, Shigeo; and Sugimura, Noboru, 4,495,976, Cl. 152-354.00R.
- Matsumoto, Kenji; and Suzuki, Yasuo, 4,553,579, Cl. 152-450.000.
- Matsunuma, Tamotsu, 4,518,024, Cl. 152-361.0DM.
- Motomura, Kenichi; Ogawa, Hiroshi; Yamamoto, Akira; and Hagita, Noriyuki, 4,515,197, Cl. 152-209.00R.
- Mukae, Makito; and Oshima, Tsuginori, 4,553,894, Cl. 414-331.000.
- Muramatsu, Tateo; Kurihara, Mamoru; and Enami, Yasushi, 4,498,810, Cl. 405-115.000.
- Nakamura, Masao; and Karato, Kenji, 4,541,467, Cl. 152-548.000.
- Narumiya, Tsuneaki, 4,560,478, Cl. 210-496.000.
- Nomoto, Sadao; and Iida, Kazuyoshi, 4,509,061, Cl. 346-107.00R.
- Ogawa, Masaki; Hirata, Yasushi; and Tsuchikura, Akira, 4,499,228, Cl. 524-413.000.
- Ogawa, Masaki; and Shiomura, Yasuro, 4,500,685, Cl. 525-343.000.
- Ogawa, Masaki; and Shiomura, Yasuro, 4,535,003, Cl. 427-207.100.
- Ogino, Takao; Watanabe, Yoichi; and Sano, Shigehisa, 4,520,857, Cl. 152-527.000.
- Ohkuni, Shinichiro; and Kitazawa, Yoichi, 4,510,983, Cl. 152-361.00R.
- Oshima, Noboru; Shimizu, Isamu; Yoshimura, Yoshito; Fujimaki, Tatsuo; and Tomita, Seisuke, 4,526,934, Cl. 525-332.900.
- Oshima, Noboru; Shimizu, Isamu; and Yoshimura, Yoshito, 4,540,744, Cl. 525-332.900.
- Ozawa, Chiaki, 4,521,269, Cl. 156-420.000.
- Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,515,922, Cl. 525-99.000.
- Sano, Shigehisa; Seto, Isao; Koseki, Hiroyuki; and Minomura, Mana, 4,508,152, Cl. 152-356.00R.
- Takahashi, Kenichi; Hirano, Koichi; and Futamura, Shoji, 4,543,050, Cl. 425-28.00D.
- Takasu, Ryo; and Nakao, Makoto, 4,517,146, Cl. 264-40.600.
- Takeshita, Masaru; Tokunaga, Toshio; and Ogawa, Yuichiro, 4,516,451, Cl. 83-171.000.
- Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.
- Tanuma, Itsuo; Takeichi, Hideo; Fukuura, Yukio; Ohyachi, Tomio; and Naito, Kazuo, 4,511,627, Cl. 428-429.000.
- Togashi, Minoru; Kato, Kenshiro; and Furuya, Shin-ichi, 4,513,802, Cl. 152-353.00R.
- Tomita, Naotaka; and Watanabe, Toshiyuki, 4,532,807, Cl. 73-602.000.
- Ueno, Kazunori; and Suizu, Yohji, 4,546,580, Cl. 52-126.100.
- Utsunomiya, Tadashi; Matsumuro, Yasuhiko; and Saigo, Hideaki, 4,507,418, Cl. 524-318.000.
- Yahagi, Mitsuhisa; Masunaga, Mikio; Watanabe, Shuichi; and Tanaka, Tsutomu, 4,549,593, Cl. 152-330.00R.
- Yamaguchi, Ikutoshi; and Kajigaya, Shinichi, 4,545,316, Cl. 114-219.000.
- Yamaguchi, Yutaka; Koizumi, Nobuyuki; Hirano, Masami; Araki, Tamio; and Kojima, Koichi, 4,518,023, Cl. 152-361.0FP.
- Yazaki, Susumu; and Nagano, Jun, 4,549,453, Cl. 83-365.000.
- Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.
- Yoshizawa, Toshikazu; and Fujita, Takafumi, 4,527,365, Cl. 52-67.000.

Bridgewater, Bobbie D.; and Young, Robert E., to General Motors Corporation. Resilient anti-backlash shaft coupling. 4,527,986, 7-9-85, Cl. 464-73.000.

Bridgewater, Walter F.; De Caro, Robert E.; Larson, Roger; and Wall, Llewellyn E., to Irvine Sensors Corporation. Pre-amplifier in focal plane detector array. 4,555,623, 11-26-85, Cl. 250-214.00A.

Bridon, Jean-Noel: *See—*
- Marcoux, Bernard; and Bridon, Jean-Noel, 4,536,506, Cl. 514-342.000.

Bridon Limited: *See—*
- Walton, John M., 4,514,058, Cl. 350-96.230.

Bridson, Robert C.: *See—*
- Wedge, Philip J.; and Bridson, Robert C., 4,493,309, Cl. 126-91.00A.
- Wedge, Philip J.; and Bridson, Robert C., 4,518,348, Cl. 431-265.000.

Bridson, William D.; and Esmay, Edward N., to Bausch & Lomb Incorporated. Rotatable specimen mount for optical fiber microscopes. 4,505,556, 3-19-85, Cl. 350-532.000.

Bridson, William D.; and Esmay, Edward N., to Bausch & Lomb Incorporated. Automatic illumination control for multi-objective optical instruments such as microscopes. 4,555,620, 11-26-85, Cl. 250-205.000.

Brie, Richard; and Guidoux, Loic B. Y., to Telecommunications Radioelectriques et Telephoniques T.R.T. Receiver for a data transmission modem, comprising an echo canceller and an equalizer. 4,531,220, 7-23-85, Cl. 375-14.000.

Briee, Serge: *See*—
Bernard, Jean; Beyl, Jean; Briee, Serge; and le Faou, Daniel, 4,557,499, Cl. 280-626.000.

Briefer, Dennis K.: *See*—
Lee, Shih-Ying; and Briefer, Dennis K., 4,513,831, Cl. 177-189.000.

Brieger, Emmet F., to Geo Vann, Inc. Packer actuated vent assembly. 4,497,366, 2-5-85, Cl. 166-150.000.

Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., to Geo Vann, Inc. Method of well completion. 4,498,541, 2-12-85, Cl. 166-297.000.

Brieger, Emmet F., to Geo Vann, Inc. Method of completing a well. 4,501,331, 2-26-85, Cl. 166-297.000.

Brieger, Emmet F., to Geo Vann, Inc. Differential vent and bar actuated circulating valve and method. 4,529,038, 7-16-85, Cl. 166-312.000.

Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., to Geo Vann, Inc. Gun below packer completion tool string. 4,538,680, 9-3-85, Cl. 166-55.000.

Brieger, Emmet F.: *See*—
George, Flint R.; and Brieger, Emmet F., 4,510,999, Cl. 166-297.000.

Brieger, Hans: *See*—
Bruderer, Werner; Brieger, Hans; and Hurlemann, Ernst, 4,550,641, Cl. 89-12.000.

Brier, Gordon L., to Eli Lilly and Company. Synergistic antibacterial compositions and method of treatment of infections caused by multiple antibiotic-resistant organisms. 4,552,763, 11-12-85, Cl. 424-114.000.

Briere, Joseph: *See*—
Botrel, Jose; Harari, Sami; Briere, Joseph; and Louvel, Bernard, 4,551,839, Cl. 371-35.000.

Briere, Pierre, to Thomson-CSF. Junction vertical field effect transistor and process for the production thereof. 4,505,022, 3-19-85, Cl. 29-571.000.

Brierley, John M.; and Scott, Melvin, to Lever Brothers Company. Stable liquid detergent suspensions. 4,530,775, 7-23-85, Cl. 252-128.000.

Brierley, Keith: *See*—
Sargent, Colin R.; Brierley, Keith; Wotton, David E. M.; and Coe, Paul L., 4,549,686, Cl. 228-242.000.

Briesemeister, Richard A.: *See*—
Paulson, Bernard S.; Paulson, Bruce H.; Clark, Brian K.; and Briesemeister, Richard A., 4,499,992, Cl. 198-498.000.

Brieu, Francois M. P., to Chlq Frote et Cie. Variable profile roller particularly for the paper making industry. 4,535,230, 8-13-85, Cl. 219-470.000.

Briffod, Jean-Paul, to Ateliers des Charmilles S.A. Method and apparatus for cutting off a portion of a workpiece by electrical discharge machining, and for supporting the portion cut off from the workpiece. 4,547,646, 10-15-85, Cl. 219-69.00W.

Brifman, Josef; Chacon, M. Frank; Schmerda, Richard F.; and Smith, Frank E., to Eaton Corporation. Remote control circuit breaker system with on-off-tripped-problem status storage and indication. 4,556,882, 12-3-85, Cl. 340-825.060.

Briggs, Aubrey C., to Dravo Corporation. Self training belt conveyor with digging elements. 4,506,781, 3-26-85, Cl. 198-711.000.

Briggs, Aubrey C., to Dravo Corporation. Tethered vehicle for moving bulk material. 4,548,315, 10-22-85, Cl. 198-728.000.

Briggs, Bruce A., to UOP Inc. Mixed-phase hydrocarbon conversion process employing total overhead condenser. 4,540,831, 9-10-85, Cl. 568-697.000.

Briggs, Eugene C.: *See*—
Thomas, David; and Briggs, Eugene C., 4,532,914, Cl. 126-110.00C.

Briggs, James B., to Media Transference International. Single channel split-sound receiver for use with television set. 4,555,730, 11-26-85, Cl. 358-142.000.

Briggs, James E., Jr.; Chu, Kwang-Ho; and Chung, Daniel C., to Allied Corporation. Stabilized fluoropolymer composition. 4,496,677, 1-29-85, Cl. 524-108.000.

Briggs, Jeffrey M.: *See*—
Halsey, Jay F.; and Briggs, Jeffrey M., 4,520,604, Cl. 52-200.000.

Briggs, Jerald E.; and Pfeutzenreuter, Henry, to American Can Company. Apparatus and method for producing multilayered laminates. 4,522,775, 6-11-85, Cl. 264-173.000.

Briggs, Jonathan, to Syntex (U.S.A.) Inc. Method and apparatus for enhanced detection of electromagnetic signals. 4,560,881, 12-24-85, Cl. 250-458.100.

Briggs, Michael L.: *See*—
Butler, Russell H.; Limoncelli, Edward V.; Litwinowich, Michael J.; and Briggs, Michael L., 4,494,985, Cl. 75-93.00R.

Briggs, Paul C., to Illinois Tool Works Inc. (Meth)acrylate-based compositions. 4,536,546, 8-20-85, Cl. 525-83.000.

Briggs, Peter J.; and McAloon, Kevin, to Imperial Chemical Industries Limited. Fibrous material comprised of vermiculite coated fibers. 4,532,176, 7-30-85, Cl. 428-288.000.

Briggs, Peter J.; McAloon, Kevin; and Rideal, Graham R., to Imperial Chemical Industries Limited. Fibrous material comprised of vermiculte coated fibers. 4,543,287, 9-24-85, Cl. 428-288.000.

Briggs, Richard J.: *See*—
Prono, Daniel S.; Caporaso, George J.; and Briggs, Richard J., 4,507,614, Cl. 328-233.000.

Briggs, Stephen L.: *See*—
Barton, Russell L.; Briggs, Stephen L.; and Koppel, Gary A., 4,501,703, Cl. 260-455.00R.
Barton, Russell L.; Briggs, Stephen L.; and Koppel, Gary A., 4,537,727, Cl. 260-455.00R.
Koppel, Gary A.; Barton, Russell L.; Bewley, Jesse R.; Briggs, Stephen L.; and Parton, Joseph W., 4,552,888, Cl. 514-474.000.
Koppel, Gary A.; Barton, Russell L.; and Briggs, Stephen L., 4,552,895, Cl. 514-470.000.

Briggs & Stratton Corp.: *See*—
Santi, John D., 4,520,288, Cl. 310-194.000.
Santi, John D., 4,522,080, Cl. 74-445.000.
Spreng, Robert R., 4,561,270, Cl. 70-364.00R.
Uuskallio, Arvo F., 4,512,499, Cl. 220-374.000.

Briggs, Thomas V. Float means for connecting the winch line of a boat trailer to a boat. 4,553,897, 11-19-85, Cl. 414-559.000.

Brigham, Alan: *See*—
Leary, David F.; and Brigham, Alan, 4,547,659, Cl. 219-544.000.

Brigham, Robert N., to Superior Electric Company, The. Stator with nonuniformly spaced teeth for rotating electromagnetic device. 4,516,048, 5-7-85, Cl. 310-254.000.

Brigham, William D.; and Dung, Nguyen D., to Zwick Energy Research Organization, Inc. Ambient air heated electrically assisted cryogen vaporizer. 4,519,213, 5-28-85, Cl. 62-52.000.

Brigham & Women's Hospital, Inc., The: *See*—
Carey, Martin C.; Moses, Alan C.; and Flier, Jeffrey S., 4,548,922, Cl. 514-4.000.
Milford, Edgar L.; Carpenter, Charles B.; and Paradysz, Jean M., 4,517,289, Cl. 435-7.000.

Brigham Young University: *See*—
Clegg, John C.; and Davis, Ariel R., 4,508,996, Cl. 315-224.000.
Nordmeyer, Francis R.; and Hansen, Lee D., 4,491,011, Cl. 73-61.10C.
Robins, Roland K.; and Srivastava, Prem C., 4,531,001, Cl. 536-55.000.

Brighenti, Attilio: *See*—
Vielmo, Paolo; Brighenti, Attilio; and Blandino Alamia, Antonio, 4,531,063, Cl. 290-53.000.

Bright, David B.: *See*—
Wellington, Scott L.; Reisberg, Joseph; Lutz, Eugene F.; and Bright, David B., 4,502,538, Cl. 166-252.000.

Bright, David E.; and Jones, Steven K., to Post Office, The. Detector device for a conveyor. 4,544,841, 10-1-85, Cl. 250-221.000.

Bright, Edward J.; Marpoe, Gary R., Jr.; Schuemann, Klaus D.; and Sheesley, Wilmer L., to AMP Incorporated. Electrical connector. 4,498,725, 2-12-85, Cl. 339-176.00M.

Bright, Edward J.; Kandybowski, Steven J.; Sheesley, Wilmer L.; and Sinisi, David B., to AMP Incorporated. Pad array socket. 4,502,747, 3-5-85, Cl. 339-75.00M.

Bright, Edward J.: *See*—
Barkus, Lee A.; and Bright, Edward J., 4,504,105, Cl. 339-75.0MP.

Bright, Gene M., to Pfizer Inc. Antibacterial cyclic ethers of 9-deoxo-9a-aza-9a-homoerythromycin A and intermediates therefor. 4,492,688, 1-8-85, Cl. 424-180.000.

Bright, Gene M., to Pfizer Inc. Epimeric azahomoerythromycin A derivative, intermediates and method of use. 4,526,889, 7-2-85, Cl. 514-29.000.

Bright, John H., to American Cyanamid Company. Extraction of alcohols with phosphine oxides. 4,544,779, 10-1-85, Cl. 568-918.000.

Bright, John H.: *See*—
Savides, Christos; and Bright, John H., 4,536,596, Cl. 562-443.000.

Bright, John T.: *See*—
Murray, Clarence L.; and Bright, John T., 4,507,069, Cl. 425-59.000.

Bright, Stephen A.: *See*—
Brun, Philip L.; and Bright, Stephen A., 4,497,624, Cl. 425-548.000.

Brightman, Barrie; Elliott, George; Lenk, Pedro A.; Shah, Jayantkumar R.; and Stewart, William H., to Stromberg-Carlson Corp. Sampled port data switching system employing interactive processors. 4,555,595, 11-26-85, Cl. 179-18.0ES.

Brighton, Andrew P., to Ball Corporation. Method and apparatus for remote measurement of a particulate matter on a moving sheet. 4,535,239, 8-13-85, Cl. 250-339.000.

Brighton, Carl T.; and Black, Jonathan, to University of Pennsylvania, Trustees of the. Method of stimulating osteogenesis with distributed port cathode. 4,506,674, 3-26-85, Cl. 128-419.00F.

Brighton, Carl T.; and Pollack, Solomon R., to Biolectron, Inc. Method for treatment of non-union bone fractures by non-invasive electrical stimulation. 4,535,775, 8-20-85, Cl. 128-419.00F.

Brighton, Carl T.; Black, Jonathan; and Redka, William, to University of Pennsylvania, Trustees of the. Implantable bone growth stimulator. 4,549,547, 10-29-85, Cl. 128-419.00F.

Brighton, John C., to Arvin Industries, Inc. Exhaust processor assembly. 4,504,294, 3-12-85, Cl. 55-502.000.

Brignolo, Roberto: *See*—
Bella, Luigi; Brignolo, Roberto; Barberis, Giulio; and Sposini, Maurizio, 4,542,499, Cl. 370-85.000.

Brilando, Frank P., to Schwinn Bicycle Company. Bicycle chain hangar. 4,509,767, 4-9-85, Cl. 280-289.00R.

Briley, Bruce E.; and Hiltner, Jeffrey A., to AT&T Bell Laboratories. Low power wideband switching array element. 4,535,360, 8-13-85, Cl. 358-181.000.

Briley, Patrick B., to Hybrid Energy Systems, Inc. Vehicle air conditioning system. 4,523,437, 6-18-85, Cl. 62-238.400.

Brill, Gerow D., to Ampex Corporation. Continuous depth of focus control. 4,532,553, 7-30-85, Cl. 358-228.000.

Brill, Jurgen, to Schaudt Maschinenbau GmbH. Method of dressing and finishing grinding wheels. 4,557,078, 12-10-85, Cl. 51-325.000.

Brill, Klaus; and Grothe, Wolfgang, to Robert Bosch GmbH. Multilayer web for reducing loss of radiant heat. 4,532,181, 7-30-85, Cl. 428-336.000.

Brill, William F., to Halcon SD Group, Inc., The. Catalyst comprising tellurium chemically bound to aromatic polymer. 4,558,026, 12-10-85, Cl. 502-159.000.

Brill, Winston J.; and von Meyer, William C., to Agracetus. Method and composition for control of termite and shipworms. 4,504,468, 3-12-85, Cl. 424-147.000.

Brille, Maurice, to Regie Nationale des Usines Renault; and Brille, Maurice. Rocker arm for axial engine. 4,502,427, 3-5-85, Cl. 123-90.410.

Brillhart, Bruce A., to Honeywell Inc. Power up reset pulse generator. 4,503,344, 3-5-85, Cl. 307-594.000.

Brilman, Albert; and Koops, Geert, to Hollandse Signaalapparaten B.V. Side-lobe suppressing unit for a pulse radar apparatus. 4,554,548, 11-19-85, Cl. 343-379.000.

Brimfield Precision, Inc.: *See—*
- Lyons, William G., III, 4,499,899, Cl. 128-305.000.

Brimhall, George H., Jr.; and Rivers, Mark L., to University of California, The Regents of the. Semi-automatic optical scanning apparatus utilizing line integration. 4,503,555, 3-5-85, Cl. 382-6.000.

Brimhall, George H., Jr.; and Vigus, Leonard J., to University of California, The Regents of the. Rotary support for vacuum filtration apparatus. 4,521,308, 6-4-85, Cl. 210-330.000.

Brindle, Robert J., to James Burn International Limited. Holders for computer disks and the like. 4,508,366, 4-2-85, Cl. 281-36.000.

Brine, Gerald T., to McDonnell Douglas Corporation. Flap mechanism. 4,542,869, 9-24-85, Cl. 244-216.000.

Brinegar, Billy W., to Scientific-Atlanta, Inc. Variable amplitude delay equalizer. 4,524,337, 6-18-85, Cl. 333-28.00R.

Briner, Emil; and Hieronymi, Richard, to Rieter Machine Works, Ltd. False twist unit. 4,509,322, 4-9-85, Cl. 57-333.000.

Briner, Emil: *See—*
- Stalder, Herbert; and Briner, Emil, 4,520,532, Cl. 19-244.000.

Brines, Marjorie J.; and Rabatin, Jacob G., to General Electric Company. X-Ray image converters utilizing rare earth oxyhalide phosphors. 4,499,159, 2-12-85, Cl. 428-691.000.

Briney, Gary C.; and Fuerniss, Stephen J., to Du Pont de Nemours, E. I., and Company. Development process for aqueous developable photopolymerizable elements. 4,517,281, 5-14-85, Cl. 430-322.000.

Brink, Edward C., Jr.: *See—*
- Morris-Sherwood, Betty J.; Brink, Edward C., Jr.; McCoy, David R.; and McEntire, Edward E., 4,548,726, Cl. 252-75.000.
- Morris-Sherwood, Betty J.; and Brink, Edward C., Jr., 4,552,686, Cl. 252-392.000.

Brinker, Reiner G., to Philip Morris Incorporated. Laser beam interrupter and divider. 4,499,361, 2-12-85, Cl. 219-121.0LK.

Brinkerhoff, Jesse R.; and Brinkerhoff, Richard S., to Telecalc, Inc. Telephone interconnect detection system. 4,518,825, 5-21-85, Cl. 179-11.000.

Brinkerhoff, Richard S.: *See—*
- Brinkerhoff, Jesse R.; and Brinkerhoff, Richard S., 4,518,825, Cl. 179-11.000.

Brinkers, Edith L. C. Container, in particular for a codicil or similar personal document. 4,519,497, 5-28-85, Cl. 206-37.000.

Brinkhoff, Carl H.; and Scott, Gordon C., to Mine Safety Appliances Company. Riot faceshield assembly. 4,536,892, 8-27-85, Cl. 2-424.000.

Brinkley, Robert W., to Minnesota Mining and Manufacturing Company. Blends of fluorochemicals and fibrous substrates treated therewith. 4,560,487, 12-24-85, Cl. 252-8.750.

Brinkman, Richard J., to Dyson Refractories Limited. Electrodes for glass furnaces. 4,512,023, 4-16-85, Cl. 373-36.000.

Brinkmann, Egon; Putenat, Mandred; and Dorre, Erhard, to Fedlmuhle Aktiengesellschaft. Fastening system for mucous membrane-supported denture. 4,518,357, 5-21-85, Cl. 433-173.000.

Brinkmann, Hans: *See—*
- Pabst, Horst; and Brinkmann, Hans, 4,562,023, Cl. 264-75.000.

Brinks, Robert J.: *See—*
- Dilworth, James L.; and Brinks, Robert J., 4,493,457, Cl. 239-25.000.

Brinkwerth, Wolfgang; Huffer, Wolfgang; Raue, Roderich; Schieder, Rudolf; and Telle, Helmut, to Bayer Aktiengesellschaft. Fluorescent dyestuffs, processes for their preparation and their use as laser dyestuffs. 4,551,265, 11-5-85, Cl. 252-301.170.

Brinkworth, Robert T.: *See—*
- Katsen, Boris J.; Brinkworth, Robert T.; Kay, Daniel J.; and Riester, James A., 4,500,354, Cl. 106-21.000.

Brinly-Hardy Co., Inc.: *See—*
- Doering, Charles W., 4,492,271, Cl. 172-43.000.
- Doering, Charles W., 4,548,362, Cl. 239-685.000.

Brinn, Walter K.; Berlec, Ivan; Davenport, John M.; Vukcevich, Milan R.; and Fridrich, Elmer G., to General Electric Company. Higher efficiency incandescent lighting units. 4,547,704, 10-15-85, Cl. 315-71.000.

Briones, Francisco R.; and Boutros, Kamal S., to Allied Corporation. Filter electrical connector. 4,500,159, 2-19-85, Cl. 339-147.00R.

Briones, Francisco R., to Allied Corporation. Flat cable connector. 4,556,272, 12-3-85, Cl. 339-99.00R.

Briones, Robert A.: *See—*
- Haskal, Haim M.; and Briones, Robert A., 4,514,047, Cl. 350-394.000.

Brisabois, Roger, to Regie Nationale des Usines Renault. Automotive vehicle drive train. 4,499,791, 2-19-85, Cl. 74-700.000.

Brisbane, Roger M.; and Peffley, Thomas R., to General Motors Corporation. Shaft mounted valve position sensor. 4,539,963, 9-10-85, Cl. 123-494.000.

Brisco, David P., to Halliburton Company. Tubular connecting device. 4,524,998, 6-25-85, Cl. 285-101.000.

Briscoe, Henry M.: *See—*
- Bentall, Richard H.; and Briscoe, Henry M., 4,556,182, Cl. 248-179.000.

Briscoe, Milton R., to International Telephone and Telegraph Corporation. Programmable coding and decoding arrangement. 4,538,269, 8-27-85, Cl. 371-22.000.

Briscoe, Peter F.: *See—*
- Adams, Graham L.; Briscoe, Peter F.; and Dyson, Arthur F., 4,545,108, Cl. 29-570.000.
- Franklin, Robert W.; and Briscoe, Peter F., 4,494,299, Cl. 29-570.000.

Briscoe, Terry L.; and Van Hoomissen, Robert L., to Esco Corporation. Wedge-type rope socket connection and method. 4,561,154, 12-31-85, Cl. 24-136.00K.

Briska, Marian; and Bahr, Dietrich J., to International Business Machines Corporation. Method of making a metallic soap layer as a gliding layer on a metallized record carrier. 4,539,227, 9-3-85, Cl. 427-179.000.

Brisken, Axel F., to General Electric Company. Transducer array for sector scan and doppler flow measurement applications. 4,530,363, 7-23-85, Cl. 128-663.000.

Brisken, Axel F.: *See—*
- Horner, Michael S.; Brisken, Axel F.; and Zanelli, Claudio I., 4,528,652, Cl. 367-162.000.

Brison, Robert J.: *See—*
- Sherman, Michael I.; Elmore, Carl L.; and Brison, Robert J., 4,501,721, Cl. 423-27.000.
- Sherman, Michael I.; Elmore, Carl L.; and Brison, Robert J., 4,557,905, Cl. 423-27.000.

Brisou, Jean-Francois: *See—*
- Despax, Damien M.; Brisou, Jean-Francois; and Castellani, Michel F., 4,558,592, Cl. 73-151.000.

Brisset, Gilbert C.: *See—*
- Langlais, Jacques F.; and Brisset, Gilbert C., 4,531,600, Cl. 177-185.000.

Brisset, Guy C. S.; and Mas, Michel C. Organosoluble salts of manganese, process of preparation of same. 4,497,743, 2-5-85, Cl. 260-429.00R.

Brissette, Ronald N.; and Kumbier, Richard L., to Rockwell International Corporation. Center bearing assembly. 4,542,996, 9-24-85, Cl. 384-536.000.

Brisson, Alfred; and Nowacki, Christopher, to Trutek Research Inc. Inhalation therapy apparatus. 4,495,944, 1-29-85, Cl. 128-725.000.

Brisson, Alfred G.: *See—*
- Nowacki, Christopher; and Brisson, Alfred G., 4,534,343, Cl. 128-200.230.
- Nowacki, Christopher; and Brisson, Alfred G., 4,538,620, Cl. 128-725.000.

Brisson, Bruce A. Audio signal cable. 4,538,023, 8-27-85, Cl. 174-115.000.

Brissonneau et Lotz Marine: *See—*
- Dantan, Olivier, 4,495,824, Cl. 73-862.640.
- Lemaire, Marc; and Le Roc'h, Roland, 4,545,269, Cl. 81-57.340.

Brist, Kenneth; and Klein, Robert D., to Lincoln Manufacturing Company, Inc. Proofing or heating cabinet. 4,549,072, 10-22-85, Cl. 219-400.000.

Brister, Beryle D., to Brister, Incorporated. Apparatus and method for forming a temporary plug in a fluid conduit. 4,492,095, 1-8-85, Cl. 62-293.000.

Brister, Beryle D. Apparatus for inserting a flexible bag into a fluid transmission line. 4,509,343, 4-9-85, Cl. 62-514.00R.

Brister, Eneas E.; and Williams, Frederick P., to Monarch Marking Systems, Inc. Method of applying labels. 4,522,672, 6-11-85, Cl. 156-238.000.

Brister, Incorporated: *See—*
- Brister, Beryle D., 4,492,095, Cl. 62-293.000.

Bristley, Barbara E. Window shade mounted alarm system. 4,514,725, 4-30-85, Cl. 340-691.000.

Bristol, Alexander C. Aspheric spectacle lens blank. 4,538,887, 9-3-85, Cl. 351-167.000.

Bristol Fiberlite Industries: *See—*
- Doell, Aubrey C., 4,514,944, Cl. 52-200.000.

Bristol, James A.; and Sircar, Ila, to Warner-Lambert Company. Substituted phenyl-pyridinones as cardiotonic agents. 4,503,061, 3-5-85, Cl. 514-338.000.

Bristol, James A.; and Lovey, Raymond G., to Schering Corporation. Imidazo[1,2-a]pyrazines. 4,507,294, 3-26-85, Cl. 514-249.000.

Bristol, James A.: *See—*
- Sircar, Ila; and Bristol, James A., 4,521,416, Cl. 514-252.000.

Bristol, L. Rodney, to Tektronix, Inc. Automatic vertical calibration method and system for an oscilloscope. 4,553,091, 11-12-85, Cl. 324-74.000.

Bristol, Lloyd R., to Tektronix, Inc. Offset balancing method and apparatus for a DC amplifier. 4,495,470, 1-22-85, Cl. 330-9.000.

Bristol-Myers Company: *See—*
- Aburaki, Shimpei; Kamachi, Hajime; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,525,473, Cl. 514-202.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,503,051, Cl. 514-183.000.
- Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,522,943, Cl. 514-183.000.

  - Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,526,973, Cl. 546-235.000.
  - Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,539,316, Cl. 514-212.000.
  - Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,546,188, Cl. 546-194.000.
  - Bouzard, Daniel; Weber, Abraham; and Stemer, Jacques, 4,504,657, Cl. 544-30.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,510,309, Cl. 546-194.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,517,366, Cl. 546-231.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,528,375, Cl. 546-193.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,528,377, Cl. 546-209.000.
  - Crenshaw, Ronnie R.; and Algieri, Aldo A., 4,528,378, Cl. 546-209.000.
  - Cundall, Robert L.; and Walker, Derek, 4,518,773, Cl. 544-16.000.
  - Geria, Navin; and Shin, Chung T., 4,511,554, Cl. 424-65.000.
  - Hanada, Minoru; Tsunakawa, Mitsuaki; Tomita, Koji; Tsukiura, Hiroshi; and Kawaguchi, Hiroshi, 4,504,580, Cl. 435-74.000.
  - Hatori, Masami; Ohkuma, Hiroaki; Konishi, Masataka; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,508,647, Cl. 260-239.30T.
  - Hoshi, Hideaki; Okumura, Jun; Naito, Takayuki; Abe, Yoshio; and Aburaki, Shimpei, 4,520,022, Cl. 514-200.000.
  - Imae, Kiyoto; Aburaki, Shimpei; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,500,526, Cl. 514-226.000.
  - Kamachi, Hajime; Okumura, Jun; Naito, Takayuki; Oka, Masahisa; and Yamashita, Haruhiro, 4,507,487, Cl. 548-194.000.
  - Kawaguchi, Hiroshi; Konishi, Masataka; Sugawara, Koko; and Tomita, Koji, 4,533,631, Cl. 435-70.000.
  - Kim, Choung U.; and Micso, Peter F., Jr., 4,536,335, Cl. 260-245.20T.
  - Kim, Choung U.; and Misco, Peter F., Jr., 4,552,696, Cl. 260-245.20T.
  - Konishi, Masataka; Sugawara, Koko; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,518,589, Cl. 514-27.000.
  - Konishi, Masataka; Sakai, Fumihide; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,546,084, Cl. 435-253.000.
  - Lowe, David A.; Romancik, Guna; Cappelletti, Leonardo M.; and Elander, Richard P., 4,520,101, Cl. 435-49.000.
  - Matson, James A., 4,524,145, Cl. 514-43.000.
  - Monkovic, Ivo; and Crenshaw, Ronnie R., 4,507,485, Cl. 546-210.000.
  - Nair, Xina; and Temple, Davis L., Jr., 4,540,581, Cl. 514-415.000.
  - Nettleton, Donald E., Jr.; Bush, James A.; Bradner, William T.; and Doyle, Terrence W., 4,552,842, Cl. 435-75.000.
  - Savin-Czeizler, Andrei; and Lang, Kenneth, 4,502,721, Cl. 294-1.100.
  - Schmitz, Henry; Kaneko, Takushi; Essery, John M.; and Doyle, Terrence W., 4,552,971, Cl. 549-332.000.
  - Sheinaus, Harold; and Marcus, Arnold D., 4,505,862, Cl. 260-501.180.
  - Speer, Robert J.; and Stewart, David P., 4,562,275, Cl. 556-7.000.
  - Tencza, Thomas M.; and Patell, Mahesh K., 4,507,276, Cl. 424-37.000.
  - Williams, Patricia D.; and Hottendorf, Girard H., 4,526,888, Cl. 514-12.000.
  - Willis, Donald E., 4,544,073, Cl. 215-246.000.
- Bristol, William E.: *See—*
  - Gale, Ronald S.; Bristol, William E.; and Noonan, Carroll, 4,537,586, Cl. 493-220.000.
- Bristowe, William W.; and Ford, Ernest C., Jr., to ICI Americas Inc. Carboxy modified vinyl ester urethane resins. 4,506,055, 3-19-85, Cl. 525-424.000.
- Britax-Kolb GmbH & Co.: *See—*
  - Ernst, Hans-Hellmut, 4,506,844, Cl. 242-107.40A.
  - Ernst, Hans-Hellmut, 4,522,350, Cl. 242-107.40A.
- Britax Vega Limited: *See—*
  - Peck, Anthony F., 4,525,772, Cl. 362-290.000.
  - Tysoe, Nicholas W., 4,556,928, Cl. 362-268.000.
  - Tysoe, Nicholas W., 4,558,401, Cl. 362-290.000.
  - Tysoe, Nicholas W., 4,558,402, Cl. 362-293.000.
- Britax Weathershields Limited: *See—*
  - Fisher, Sidney E., 4,521,937, Cl. 16-332.000.
- Britax (Wingard) Limited: *See—*
  - Cunningham, Douglas J., 4,543,693, Cl. 24-640.000.
  - Cunningham, Douglas J., 4,547,018, Cl. 297-483.000.
  - Else, Robert F., 4,542,919, Cl. 280-804.000.
- British Aerospace Public Limited Company: *See—*
  - Acklam, Donald J.; Bird, David; and Hill, Graham A., 4,513,235, Cl. 318-685.000.
  - Baker, M. J., 4,528,818, Cl. 62-6.000.
  - Clark, Frederick; and Moore, Colin, 4,555,698, Cl. 340-680.000.
  - Fieldus, Geoffrey H., 4,492,340, Cl. 239-265.250.
  - Fletcher, James; and Wooding, Michael S., 4,506,848, Cl. 244-12.400.
  - Frick, Heinz E., 4,523,729, Cl. 244-115.000.
  - Gee, David P.; and Edwards, Bernard J., 4,529,277, Cl. 350-613.000.
  - Grainge, Richard W.; and Slow, Dennis, 4,494,830, Cl. 350-486.000.
  - Grainge, Richard W.; and Humphries, Rowland F., 4,516,158, Cl. 358-109.000.
  - Jackson, Graham; and Surawy, Ryszard, 4,537,075, Cl. 73-634.000.
  - Kaye, Arthur, 4,494,061, Cl. 318-628.000.
  - Kaye, Arthur; Carr, Brian; and Latham, Philip A., 4,516,063, Cl. 318-685.000.
  - Marlow, Christopher I.; Wiltshire, Anthony R.; and Hulme, Ivan E., 4,541,886, Cl. 156-230.000.
  - Owen, James B.; and Wilkinson, Peter R., 4,529,150, Cl. 244-1.00R.
  - Parkinson, Colin C. A.; and Kinnerly, Anthony G., 4,560,122, Cl. 244-54.000.
  - Stephen, David; Mansbridge, Martin H.; and Highnam, Alan W., 4,534,503, Cl. 228-157.000.
  - Topping, Joseph R.; and Jones, John D., 4,506,448, Cl. 33-185.00R.
  - Widdall, John A., 4,513,619, Cl. 73-455.000.
  - Yates, Ivan R., 4,533,095, Cl. 244-23.00D.
- British Aluminium Company plc, The: *See—*
  - Bryant, Greyham F.; Spooner, Peter D.; and Pearson, William K. J., 4,537,050, Cl. 72-8.000.
- British American Bank Note Inc.: *See—*
  - Small, Edward A., 4,511,908, Cl. 346-206.000.
  - Small, Edward A.; and Wright, Geoff C., 4,522,428, Cl. 283-82.000.
- British-American Tobacco Company Limited: *See—*
  - Krywiczanin, Wladyslaw H.; and Lumsden, William, 4,553,712, Cl. 242-58.000.
  - Luke, John A., 4,525,161, Cl. 493-42.000.
  - Stewart-Cox, Adrian R., 4,553,555, Cl. 131-110.000.
- British Broadcasting Corporation: *See—*
  - Oliphant, Andrew, 4,543,598, Cl. 358-11.000.
- British Columbia Research Council: *See—*
  - Yalpani, Manssur, 4,531,000, Cl. 536-30.000.
- British Gas Corporation: *See—*
  - Adams, Keith J. G.; Williams, Terrence P.; Bolt, Norman T.; and Siddique, Qazi M., 4,491,566, Cl. 423-220.000.
  - Baker, Michael J.; and Hardwick, Geoffrey J., 4,530,347, Cl. 126-360.00R.
  - Cox, Robert W.; Jones, Derek A.; Walker, David L.; and Hands, David, 4,553,930, Cl. 432-120.000.
  - Eales, David F., 4,560,094, Cl. 222-195.000.
  - Hayward, Ian, 4,560,928, Cl. 324-172.000.
  - Niknejad, Jalil; and Tung, Ming-Biu, 4,531,508, Cl. 126-90.00R.
  - Reid, Donald J., 4,513,774, Cl. 137-392.000.
  - Sheppard, Christine M.; Puxley, David C.; Banks, Reginald G. S.; and McKenzie, Donald, 4,546,091, Cl. 502-84.000.
  - Streatfield, Roy; and Wilson, Francis D., 4,505,302, Cl. 138-97.000.
  - Wedge, Philip J.; and Bridson, Robert C., 4,493,309, Cl. 126-91.00A.
  - Wedge, Philip J.; and Bridson, Robert C., 4,518,348, Cl. 431-265.000.
  - Wild, Keith R., 4,512,777, Cl. 48-210.000.
  - Williams, John P., 4,515,562, Cl. 432-225.000.
- British Industrial Sand Limited: *See—*
  - Watkins, Paul; and Scott, John W., 4,542,003, Cl. 423-340.000.
- British Matthews Limited, The: *See—*
  - Avey, Kenneth F. C., 4,516,900, Cl. 414-417.000.
- British Nuclear Fuels Limited: *See—*
  - Alderton, Geoffrey W.; and Davidge, Peter C., 4,516,966, Cl. 494-1.000.
  - Clarkson, Andrew S., 4,552,624, Cl. 204-1.00T.
  - Connolly, Paul A.; and Weston, Barry G., 4,540,488, Cl. 210-268.000.
  - Gillies, George M.; Kennett, Leslie P.; and Mathews, Clive A., 4,545,764, Cl. 432-115.000.
  - Mathews, Clive A.; and Gillies, George M., 4,533,319, Cl. 432-3.000.
  - Powell, Stanley, 4,514,110, Cl. 405-104.000.
  - Reekie, John, 4,526,045, Cl. 73-864.310.
  - Wearden, Sydney; and Gatley, John A., 4,532,104, Cl. 376-272.000.
- British Nuclear Fuels plc: *See—*
  - Lauder, David R.; and Bailey, Alan, 4,548,312, Cl. 198-392.000.
  - Parkinson, Francis J., 4,521,162, Cl. 417-138.000.
- British Petroleum Company Limited, The: *See—*
  - Ball, William J.; Cotton, Leonard; and Stewart, David G., 4,492,772, Cl. 518-713.000.
  - Ball, William J.; Cotton, Leonard; and Stewart, David G., 4,492,773, Cl. 518-713.000.
  - Barclay, John L.; Stevens, Geoffrey C.; Stokes, Brian; and Ward, Denis S., 4,557,637, Cl. 406-153.000.
  - Begg, Alan R., 4,501,611, Cl. 75-0.50R.
  - Budahn, Peter; and Ehlers, Jorn, 4,495,306, Cl. 502-185.000.
  - Chesters, David A., 4,548,576, Cl. 431-202.000.
  - Fisher, Robert G.; Meidrum, Ian G.; Plomer, Alan J.; and Robinson, Richard A., 4,497,663, Cl. 134-4.000.
  - Gordon, Kevin R.; Kelsey, Jeffrey R.; and Stannard, Ivan C., 4,507,411, Cl. 523-436.000.
- British Petroleum Company p.l.c., The: *See—*
  - Aldred, Alan C. G., 4,511,689, Cl. 524-484.000.
  - Baker, Peter J.; Brookes, David A.; and Johnson, Martin, 4,525,173, Cl. 44-51.000.
  - Ball, William J.; and Stewart, David G., 4,497,969, Cl. 585-415.000.
  - Ball, William J.; Barri, Sami A. I.; and Young, Dennis, 4,533,649, Cl. 502-71.000.
  - Ballantine, James A.; Purnell, John H.; and Thomas, John M., 4,499,319, Cl. 585-467.000.
  - Barclay, John L.; Brooks, Alan G.; and Duebel, Clive P. J., 4,492,497, Cl. 406-153.000.
  - Bott, David C.; Edwards, John H.; and Feast, William J., 4,496,702, Cl. 526-285.000.
  - Bretherick, Leslie; and Hodgson, Philip K. G., 4,497,717, Cl. 252-8.55D.

- Brookes, David A., 4,509,546, Cl. 137-74.000.
- Callaghan, Ian C.; Fink, Hans-Ferdi; Gould, Clive M.; Koerner, Gotz; Patzke, Hans-Jurgen; and Weitemeyer, Christian, 4,557,737, Cl. 55-87.000.
- Cayless, Richard A.; and Thukral, Prem S., 4,536,225, Cl. 148-6.15R.
- Croo, Robert J., 4,508,460, Cl. 374-16.000.
- Duckworth, Roger; Johnson, Roy A.; and Lester, Timothy E., 4,507,177, Cl. 204-1.00R.
- Gane, Brian R.; and Howard, Philip, 4,520,118, Cl. 502-53.000.
- Gregory, Reginald; and Westlake, David J., 4,531,014, Cl. 585-415.000.
- Gregory, Reginald; and Westlake, David J., 4,542,250, Cl. 585-467.000.
- Griggs, Colin G., 4,533,774, Cl. 568-866.000.
- Griggs, Colin G.; and Lodge, Philip G., 4,556,744, Cl. 568-487.000.
- Heyward, Malcolm P.; and Young, Dennis, 4,543,347, Cl. 502-61.000.
- Hodgson, Phillip K. G., 4,501,673, Cl. 252-8.55D.
- Jorgensen, Pierre, 4,509,326, Cl. 60-39.182.
- Joyner, Richard W.; McCarroll, John J.; and Tennison, Stephen R., 4,510,071, Cl. 252-373.000.
- Malik, Tahir I.; and Weinberg, Felix J., 4,529,374, Cl. 431-7.000.
- Morris, George E.; Nay, Barry; and Stewart, David G., 4,542,117, Cl. 502-66.000.
- Paersch, Michael; Mrotzek, Herbert; Haukelt, Helmut; and Schreckenberg, Heinz-Wilhelm, 4,501,593, Cl. 44-23.000.
- Reece, Alan R., 4,539,765, Cl. 37-142.500.
- Riddiford, Frederick A., 4,519,453, Cl. 166-303.000.
- Scammell, Roger S., 4,493,638, Cl. 431-202.000.
- Wilson, Douglas, 4,528,342, Cl. 525-463.000.
- Young, Dennis, 4,497,970, Cl. 585-417.000.

British Railways Board: *See—*
- Birkin, Michael S., 4,538,781, Cl. 246-187.00B.

British Steel Corporation: *See—*
- Baker, Steven S.; Webb, Peter J.; and Clarke, John B., 4,530,102, Cl. 373-105.000.
- Cook, William T.; Cristinacce, Michael; and Amin, Rajendra K., 4,514,236, Cl. 148-38.000.
- Fletcher, Edwin; Beaton, Gerald V.; and Gomer, Charles R., 4,520,266, Cl. 250-357.100.
- Hold, Anthony C., 4,542,297, Cl. 250-360.100.
- Smith, Brian, 4,529,441, Cl. 75-53.000.

British Telecommunications: *See—*
- Beales, Keith J.; Carter, Steve F.; Partington, Sally; and France, Paul W., 4,539,033, Cl. 65-134.000.
- Clapp, Craig S. K.; Shilston, Norman L.; Jolivet, Jean-Claude R.; Devimeux, Daniel P.; and Riou, Armand, 4,562,466, Cl. 358-133.000.
- Cotter, David, 4,560,246, Cl. 350-96.160.
- Cox, William E.; and Hemmings, Kenneth L., 4,537,265, Cl. 175-19.000.
- Falconer, Robert M., 4,521,745, Cl. 331-2.000.
- Gosling, Ian G.; and Carver, Richard D., 4,560,965, Cl. 333-219.000.
- McKeown, James H. A., 4,561,067, Cl. 364-819.000.
- Mountain, Peter J., 4,535,446, Cl. 370-68.000.
- Nicol, Richard C.; Fenn, Brian A.; Clarke, Roger J.; and Ngan, King N., 4,504,860, Cl. 358-133.000.
- Pantelis, Philippos, 4,557,880, Cl. 264-22.000.
- Partington, Sally; and Carter, Steven F., 4,552,850, Cl. 501-37.000.
- Rollett, John M., 4,553,103, Cl. 330-107.000.
- Smith, David W.; and Wyatt, Richard, 4,556,980, Cl. 372-28.000.
- Thorpe, William, 4,496,918, Cl. 333-164.000.

British Underwater Pipeline Engineering: *See—*
- Lowes, John M., 4,501,514, Cl. 405-227.000.

Britsch, Heinz, to Robert Bosch GmbH. Internal combustion engine. 4,506,633, 3-26-85, Cl. 123-59.0EC.

Britsch, Heinz; Klenk, Martin; Linder, Ernst; and Moser, Winfried, to Robert Bosch GmbH. Internal combustion engine operating control system and method. 4,542,727, 9-24-85, Cl. 123-435.000.

Britt, Paul E. Housing for evaporative cooler control device. 4,560,972, 12-24-85, Cl. 337-338.000.

Brittain, David R.; and Wood, Robin, to Imperial Chemical Industries PLC. Spiro-linked pyrrolidine-2,5-diones active as enzyme aldose reductase inhibitors. 4,503,066, 3-5-85, Cl. 514-409.000.

Brittain, David R.; and Wood, Robin, to Imperial Chemical Industries PLC. 1′-Substituted-spiro[pyrrolidine-3,3′-indoline]-2,2′,5-triones. 4,523,021, 6-11-85, Cl. 548-410.000.

Brittain, David R.; Brown, David; and Wood, Robin, to Imperial Chemical Industries PLC. 7′-Trifluoromethyl-spiro[imidazolidine-4,3′-indoline]-2,2′,5-triones as aldose reductase inhibitors. 4,539,329, 9-3-85, Cl. 514-389.000.

Brittain, David R.; and Wood, Robin, to Imperial Chemical Industries. 1′-Substituted-spiro[oxazolidine-5-3′-indoline]-2,2′, 4-trione derivatives. 4,544,662, 10-1-85, Cl. 514-374.000.

Brittain, John E.: *See—*
- Hersom, Albert C.; Wright, Kenneth W.; and Brittain, John E., 4,506,600, Cl. 99-474.000.

Brittain, Perry N.; and Kirkpatrick, John D. Process for lining high pressure pipeline. 4,496,499, 1-29-85, Cl. 264-36.000.

Brittain, Robert D.: *See—*
- Wood, Bernard J.; Brittain, Robert D.; and Sancier, Kenneth M., 4,551,155, Cl. 48-197.00R.

Britten, Roy J.; and Davidson, Eric H., to California Institute of Technology. Large area spark chamber and support, and method of recording and analyzing the information on a radioactive work piece. 4,500,786, 2-19-85, Cl. 250-389.000.

Brittin, Craig E.: *See—*
- Reynolds, Michael G.; and Brittin, Craig E., 4,496,818, Cl. 219-10.570.

Brittingham, Donald; Fletcher, George P.; and Henry, Harvey J., to Du Pont de Nemours, E. I., and Company. Leak containment kit. 4,542,764, 9-24-85, Cl. 137-347.000.

Britton, Frederick G.; and Clark, Thomas A., to Oil States Industries, Inc. Shock-absorbing joint and assembly with rotating arms and elastomeric spring action. 4,494,738, 1-22-85, Cl. 267-140.000.

Britton, Kennith L.: *See—*
- Tittes, Allan F.; Larson, Kenneth H.; and Britton, Kennith L., 4,534,571, Cl. 277-128.000.

Britton, Walter. Splitter for electrical cable. 4,536,957, 8-27-85, Cl. 30-90.400.

Britz, Richard D., to Earthship Enterprise, Inc. Modular method of making a building structure. 4,519,176, 5-28-85, Cl. 52-742.000.

Britzke, Ingo; and Dilcher, Dietmar, to Gebr. Bode & Co. GmbH. Pivotable sliding door for vehicles. 4,495,729, 1-29-85, Cl. 49-212.000.

Broadband Engineering, Inc.: *See—*
- Ellis, William H.; and Wise, Leo C., Jr., 4,542,437, Cl. 361-386.000.

Broadband Technologies, Inc.: *See—*
- McVoy, David S., 4,530,008, Cl. 358-123.000.

Broadbent, Edward G., to Tautliner Inc. Van body with pleated sides. 4,545,611, 10-8-85, Cl. 296-181.000.

Broadbent, Eliot K., to Signetics Corporation. Variable rate semiconductor deposition process. 4,495,221, 1-22-85, Cl. 427-88.000.

Broadbent, Eliot K., to Signetics Corporation. Method for manufacturing an electrical interconnection by selective tungsten deposition. 4,517,225, 5-14-85, Cl. 427-89.000.

Broadbent, William H., Jr.; Buchholz, Steve; Eldredge, Peter; and Wihl, Mark J., to KLA Instruments Corporation. Automatic system and method for inspecting hole quality. 4,555,798, 11-26-85, Cl. 382-8.000.

Broadcast Electronics, Inc.: *See—*
- Shrestha, Mukunda B.; and Mendenhall, Geoffrey N., 4,558,285, Cl. 330-53.000.

Broaddus, Charles D.: *See—*
- Thompson, James E.; and Broaddus, Charles D., 4,539,130, Cl. 252-94.000.

Broaddus, Wayne R.; Jaber, Khalil N.; and Orofino, Thomas A., to Monsanto Company. Permeable asphaltic concrete base for artificial turf. 4,515,839, 5-7-85, Cl. 428-17.000.

Broadfoot, John T.; and Broadfoot, John T., Jr. Metering and/or feeding unit for fluid materials. 4,529,106, 7-16-85, Cl. 222-207.000.

Broadfoot, John T., Jr.: *See—*
- Broadfoot, John T.; and Broadfoot, John T., Jr., 4,529,106, Cl. 222-207.000.

Broadhead, James H., to Syntex (U.S.A.) Inc. Patient support and transverse motion linkage therefor. 4,492,407, 1-8-85, Cl. 297-78.000.

Broadhead, James H.; Wilbur, Lawrence A.; and Sams, Ivan E., to Syntex (U.S.A.) Inc. Patient support. 4,541,671, 9-17-85, Cl. 297-330.000.

Broadhead, James H., to Syntex (U.S.A.) Inc. Hydraulic power source and valve therefor. 4,551,973, 11-12-85, Cl. 60-477.000.

Broadhurst, John H.; and Bacaner, Marvin B., to Sysmed, Inc. Electronic x-ray recording. 4,558,223, 12-10-85, Cl. 250-374.000.

Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., to Hoffmann-La Roche Inc. Cyclic compounds. 4,515,969, 5-7-85, Cl. 549-39.000.

Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., to Hoffmann-La Roche Inc. Cyclic compounds. 4,518,784, 5-21-85, Cl. 549-39.000.

Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., to Hoffmann-La Roche Inc. Anthracycline glycosides. 4,526,960, 7-2-85, Cl. 536-6.400.

Broadhurst, Thomas E., to Exxon Research & Engineering Co. Agitated heat exchanger to chill solvent-oil and wax slurry to wax filtration temperature. 4,502,787, 3-5-85, Cl. 366-149.000.

Broady, Floyd J.; and Jasek, J. Rondal, to Union Carbide Corporation. Molded-to-size silver-graphite articles and process for making same. 4,534,887, 8-13-85, Cl. 252-503.000.

Broan Mfg. Co., Inc.: *See—*
- Sarnosky, Joseph R.; Wolbrink, David W.; and Otte, Dieter W., 4,510,851, Cl. 98-42.080.

Broberg, Berndt F. J.; and Evers, Hans C. A., to Astra Lakemedel Aktiebolag. Local anesthetic mixture for topical application and method for obtaining local anesthesia. 4,529,601, 7-16-85, Cl. 514-626.000.

Broberg, Berndt F. J.; and Evers, Hans C. A., to Astra Lakemedel Aktiebolag. Local anesthetic mixture for topical application, process for its preparation, as well as method for obtaining local anesthesia. 4,562,060, 12-31-85, Cl. 424-28.000.

Broberg, David E.: *See—*
- Gabor, Thomas; Broberg, David E.; Dierssen, Gunther H.; and Rowenhorst, Donley D., 4,505,720, Cl. 51-295.000.

Broberg, David K.: *See—*
- Janko, Mike A.; and Broberg, David K., 4,504,851, Cl. 358-10.000.

Brocard, Didier: *See—*
- Verdenne, Serge; Brocard, Didier; Hardouin, Pierre; and Lameyre, Felix, 4,545,697, Cl. 403-230.000.

Brocard, Jean-Marie: *See—*
- Bezard, Jean-Yves L. N.; Brocard, Jean-Marie; and Parisel, Christian A. F., 4,561,470, Cl. 137-625.610.

Brocchetti, Diego G.: *See—*

Maiorana, Stefano; Brocchetti, Diego G.; Piacenza, Giuseppe; and Manfredi, Amedea, 4,547,495, Cl. 514-211.000.

Brochman, Wilfred R., to Minnesota Mining and Manufacturing Company. Tape closure for a can end. 4,500,011, 2-19-85, Cl. 220-359.000.

Brock, Alan J.: *See—*

Taylor, Reginald M.; and Brock, Alan J., 4,544,761, Cl. 556-130.000.

Brock, Christopher W.: *See—*

Scheffer, Daniel G.; Brock, Christopher W.; and Schumer, Douglas B., 4,525,794, Cl. 364-567.000.

Brock, Clifford D., to CCMC, Inc. Method and apparatus for mounting facing pieces to a building structure. 4,545,167, 10-8-85, Cl. 52-509.000.

Brock, George W.: *See—*

Grimm, M. Andreas; and Brock, George W., 4,554,217, Cl. 428-469.000.

Brock, Gregory K.; and Knowlen, Bruce R., to Weyerhaeuser Company. Method and apparatus for measurement of length and height of objects. 4,528,651, 7-9-85, Cl. 367-99.000.

Brock, Kenneth A., to Christensen, Inc. Up-drill sub for use in rotary drilling. 4,512,425, 4-23-85, Cl. 175-329.000.

Brock, Knute K.: *See—*

Sagaser, Thomas M.; Kuhn, Patrick; and Brock, Knute K., 4,495,770, Cl. 60-486.000.

Brock Manufacturing, Inc.: *See—*

Haab, Alvin D., 4,548,293, Cl. 182-99.000.

Brock, Robert E.: *See—*

Luther, LeRoy D.; and Brock, Robert E., 4,502,660, Cl. 249-144 000.

Brockelbank, David M. Variable power transmission for converting reciprocating motion to rotary motion. 4,534,242, 8-13-85, Cl. 74-600.000.

Brockelsby, Pete, III. Conical line-pulling carrier. 4,498,659, 2-12-85, Cl. 254-134.400.

Brockett, Bruce W.; and Miller, Robert E., to Appleton Papers Inc. Record member. 4,546,365, 10-8-85, Cl. 346-214.000.

Brockhaus, Ernst, to Ed. Scharwachter GmbH & Co. KG. Door hinge assembly having splined and unsplined hinge pin sections. 4,528,718, 7-16-85, Cl. 16-266.000.

Brockhaus, Ernst, to Ed. Scharwachter GmbH & Co. KG. Torsion bar vehicle door hinge assembly with hold open mechanism. 4,536,918, 8-27-85, Cl. 16-308.000.

Brockhaus, Ernst, to Ed. Scharwachter GmbH & Co. KG. Unhingeable door hinge joint having a hinge pin with a nonrotatable portion and a relatively rotatable portion. 4,542,558, 9-24-85, Cl. 16-263.000.

Brockhaus, Herbert, to Audi NSU Auto Union Aktiengesellschaft. Coupling means between an output control member of an internal combustion engine and an actuator member. 4,524,740, 6-25-85, Cl. 123-340.000.

Brockhaus, Peter; and Jungkind, Roland, to Peter Brockhaus GmbH & Co. Handels KG. Mast foot mounting system for a sailboard. 4,528,926, 7-16-85, Cl. 114-90.000.

Brockhaus, Peter B. Window insulator. 4,535,828, 8-20-85, Cl. 160-84.00R.

Brockhaus, Peter B. Waterbed mattress pad. 4,549,323, 10-29-85, Cl. 5-455.000.

Brockington, F. Rhett; and Foster, William Z., to Anchor Continental Inc. Reinforced filament tape. 4,539,248, 9-3-85, Cl. 428-161.000.

Brocklebank, Norman; and Deighton, Kenneth A., to Priestman Brothers Limited. Earthmoving machine. 4,494,906, 1-22-85, Cl. 414-719.000.

Brocklebank, Philip; and Bennison, John J., to Dearborn Chemicals Limited. Treatment of aqueous systems. 4,557,896, 12-10-85, Cl. 422-14.000.

Brocklehurst, Charles E., to Opelika Manufacturing Corporation. Label dispenser with suction hold and fork member release. 4,505,467, 3-19-85, Cl. 270-53.000.

Brocklehurst, John C.: *See—*

Hickey, David S.; and Brocklehurst, John C., 4,553,959, Cl. 604-96.000.

Brocklehurst, Peter; and Ferguson, Angus S., to Sterling Drug Inc. Dry powder compositions for preparing paint strippers. 4,502,891, 3-5-85, Cl. 134-4.000.

Brockmann, Sigismund; and Gottschalk, Ingo, to Siemens Aktiengesellschaft. Encapsulated, compressed gas insulated high voltage switchgear. 4,527,029, 7-2-85, Cl. 200-148.00B.

Brockmanns, Karl-Josef; and Lunenschloss, Joachim, to W. Schlafhorst & Co. Method and device for preparing fibers fed to a friction spinning machine. 4,557,105, 12-10-85, Cl. 57-401.000.

Brockmueller, Bernd, to PPG Industries, Inc. Storing bending molds. 4,518,410, 5-21-85, Cl. 65-106.000.

Brocks, Dietrich: *See—*

Timpl, Rupert; Brocks, Dietrich; Neubauer, Horst; and Strecker, Helmut, 4,504,587, Cl. 436-538.000.

Brockway, Bert R.; and Arnold, Stephen R. Controlled air bleed cigarette holder. 4,559,955, 12-24-85, Cl. 131-198.200.

Brockway, Brock F.; Moretti, Anthony L.; Pellolio, Anselmo P.; and Rasmussen, Jimmie, to E. D. Bullard Company. Method of making loose fitting supplied air respiration hood. 4,561,162, 12-31-85, Cl. 29-428.000.

Brockway Engineering Company Limited: *See—*

Wooldridge, Lawson C., 4,496,043, Cl. 198-827.000.

Brockway-Imco Inc.: *See—*

Beuscher, Joseph J., 4,497,623, Cl. 425-525.000.

Grebowiec, Thaddeus J., 4,497,622, Cl. 425-525.000.

Brockway, Inc.: *See—*

Herring, Walter R., 4,524,883, Cl. 220-462.000.

Misczyk, Gerald P., 4,526,816, Cl. 427-417.000.

Myers, Ronald T., 4,526,600, Cl. 65-24.000.

Brockway, Patrick H.; Lehr, Howard C.; and George, Richard D., to ASC Incorporated. Vehicle with a convertible top. 4,537,440, 8-27-85, Cl. 296-108.000.

Brockwell, Ian P.; and Hancock, Herbert W., to Alfa-Laval Cheese Systems Limited. Cheese block former. 4,539,902, 9-10-85, Cl. 99-454.000.

Brod, William B.; Coppala, George H.; and Olds, Delbert L., to Union Carbide Corporation. Integral reactor apparatus. 4,557,904, 12-10-85, Cl. 422-146.000.

Brodbeck, Howard D.; and Krongold, Martin A., to MG Industries. Gravity-fed low pressure cryogenic liquid delivery system. 4,561,258, 12-31-85, Cl. 62-49.000.

Brode, George L.: *See—*

Fan, You-Ling; Chu, Nan S.; Brode, George L.; and Rosen, Meyer R., 4,529,782, Cl. 526-240.000.

Gardner, Hugh C.; Michno, Michael J., Jr.; and Brode, George L., 4,517,321, Cl. 523-400.000.

Broderna Holmbergs Fabriks AB: *See—*

Elwing, Ben; Foldi, Peter; and Holmberg, Gote, 4,499,824, Cl. 100-48.000.

Broders, Jack R. Carpet layer's wave-form template. 4,502,232, 3-5- Cl. 33-174.00G.

Brodeur, Jacques; and Brodeur, Mireille. Computer assisted symn ri-cal analysis for hair stylists. 4,519,037, 5-21-85, Cl. 364-400.000.

Brodeur, Mireille: *See—*

Brodeur, Jacc ; and Brodeur, Mireille, 4,519,037, Cl. 364-400.000.

Brodeur, Rene H.; and Terlecky, Boris S. Articulated railroad car. 4,545,304, 10-8-85, Cl. 105-3.000.

Brodi, George: *See—*

Berczik, Douglas M.; Brodi, George; and O'Connell, Thomas E., 4,543,132, Cl. 148-11.50F.

Brodie, Alastair C., to Glaxo Group Limited. Manufacture of antibiotics. 4,493,933, 1-15-85, Cl. 548-194.000.

Brodie, Alastair C.: *See—*

Strachan, William S.; and Brodie, Alastair C., 4,510,312, Cl. 548-194.000.

Brodie, Ivor; and Thackray, Malcolm, to SRI International. Semiconductor-gated ionographic method and apparatus. 4,503,551, 3-5-85, Cl. 378-28.000.

Brodin, Peter: *See—*

Johansson, Bengt A.; and Brodin, Peter, 4,526,654, Cl. 162-259.000.

Broding, Robert A., to Standard Oil Company (Indiana). High speed sonic logging using multiple transducers. 4,524,433, 6-18-85, Cl. 367-25.000.

Brodish, Charles E.: *See—*

Obenauf, James E.; and Brodish, Charles E., 4,502,035, Cl. 340-323.00B.

Brodkin, Jury M.: *See—*

Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.

Brodmann, George L.; and Lawton, Ernest L., to PPG Industries, Inc. Warp sizing composition, sized warp strands and process. 4,530,876, 7-23-85, Cl. 428-283.000.

Brodrene Gram A/S: *See—*

Gram, Klaus, 4,505,121, Cl. 62-60.000.

Gram, Klaus, 4,535,605, Cl. 62-345.000.

Gram, Klaus, 4,546,615, Cl. 62-73.000.

Brodsky, David L.; and Olsen, Harry O., Jr., to Superior Plastic Products Corp. Gastroenteric feeding tube. 4,547,192, 10-15-85, Cl. 604-270.000.

Brodsky, Stuart A. Catheter and drain tube retainer. 4,543,100, 9-24-85, Cl. 604-180.000.

Brodt, Peter: *See—*

Frankenfeld, Klaus; Ruschke, Peter; Brodt, Peter; and Eich, Gerhard, 4,492,680, Cl. 423-321.00S.

Brody, David L., to Whitestone Products. Method and apparatus for continuously attaching elastic strands to disposable absorbent products. 4,547,243, 10-15-85, Cl. 156-164.000.

Brody, Edward M.: *See—*

Bloss, Walter L., III; and Brody, Edward M., 4,513,305, Cl. 357-30.000.

Brody, Hal. Gripping aid for the manually disabled. 4,523,781, 6-18-85, Cl. 294-1.100.

Brody, Harry, to Imperial Chemical Industries PLC. Process of melt spinning of a blend of a fibre-forming polymer and an immiscible polymer and melt spun fibres produced by such process. 4,518,744, 5-21-85, Cl. 525-184.000.

Brody, Harry, to Imperial Chemical Industries PLC. Process of melt spinning polypropylene and novel rough surfaced fibres produced thereby. 4,522,884, 6-11-85, Cl. 428-400.000.

Brody, Philip S., to United States of America, Army. Ferroelectric photomechanical actuators. 4,524,294, 6-18-85, Cl. 310-311.000.

Brodzik, Bruce F.: *See—*

Kreusch, Edward G.; and Brodzik, Bruce F., 4,534,867, Cl. 210-722.000.

Broeckels, Theo: *See—*

Kunz, Werner; and Broeckels, Theo, 4,507,542, Cl. 219-130.510.

Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, to BASF Aktiengesellschaft. Desulfurization of H_2S-containing gases. 4,507,274, 3-26-85, Cl. 423-573.00R.

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Broekhuis, Antonius A., to Shell Oil Company. Process for the preparation of polymers comprising conjugated dienes and optionally monoalkenyl aromatic hydrocarbons. 4,530,985, 7-23-85, Cl. 526-181.000.

Broekhuis, Antonius A., to Shell Oil Company. Process for the preparation of branched polymers. 4,539,136, 9-3-85, Cl. 525-250.000.

Broer, Dirk J.; and De Poorter, Adriaan W., to U.S. Philips Corporation. Optical recording disc. 4,492,967, 1-8-85, Cl. 346-135.100.

Broere, Anton M. P.: *See—*

  Bukkems, Franciscus H. J.; Plaschkes, Arnon; Buurman, Cornelis; and Broere, Anton M. P., 4,494,413, Cl. 73-863.430.

Broers, Alec N.; and Laibowitz, Robert B., to International Business Machines Corporation. Method of making submicron circuit structures. 4,557,995, 12-10-85, Cl. 430-296.000.

Broersma, Harmen. Color analyser. 4,518,258, 5-21-85. Cl. 356-405.000.

Broersma, Lester V., to Bell Helmets Inc. Ventilated helmet. 4,555,816, 12-3-85, Cl. 2-425.000.

Brogan, Patrick M.: *See—*

  Holcombe, Robert R.; Parks, Steven G.; and Brogan, Patrick M., 4,542,708, Cl. 114-243.000.

Brogardh, Torgny; Linge, Anders; and Sander, Lars, to ASEA Aktiebolag. Optical measuring device with means for suppressing reflections. 4,492,860, 1-8-85, Cl. 250-227.000.

Brogardh, Torgny; and Ovren, Christer, to ASEA Aktiebolag. Fiber-optical measuring apparatus. 4,529,875, 7-16-85, Cl. 250-227.000.

Brogardh, Torgny, to ASEA Aktiebolag. Optical digitizer/position measuring device. 4,531,230, 7-23-85, Cl. 382-13.000.

Brogardh, Torgny; and Ovren, Christer, to ASEA Aktiebolag. Optically excitable luminescent sensor elements. 4,539,473, 9-3-85, Cl. 250-211.00R.

Brogardh, Torgny, to ASEA Aktiebolag. Opto-electronic image processor. 4,559,643, 12-17-85, Cl. 382-1.000.

Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, to ASEA Aktiebolag. Fiber optical luminescence sensor for measuring mechanical displacement. 4,560,868, 12-24-85, Cl. 250-227.000.

Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, to ASEA Aktiebolag. Fiber optical luminescence measuring system for measuring physical quantities with time- or frequency-divided signal information. 4,562,348, 12-31-85, Cl. 250-231.00R.

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  Adolfsson, Morgan; Brogardh, Torgny; Ovren, Christer; and Persson, Anders, 4,493,995, Cl. 250-227.000

  Adolfsson, Morgan; Brogardh, Torgny; Goransson, Sture; and Ovren, Christer, 4,498,004, Cl. 250-227.000.

  Adolfsson, Morgan; Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,514,860, Cl. 455-612.000.

  Adolfsson, Morgan; and Brogardh, Torgny, 4,547,729, Cl. 324-96.000.

Brogdon, James W.: *See—*

  Allen, Kenneth D.; Brogdon, James W.; Barton, John S.; and Hicks, Raymond J., 4,542,658, Cl. 73-862.310.

Broger, Emil A.; and Crameri, Yvo, to Hoffmann-La Roche Inc. Rhodium complexes of chiral phosphines. 4,539,411, 9-3-85, Cl. 548-402.000.

Broger, Emil A., to Hoffmann-La Roche Inc. Catalytic hydrogenation. 4,544,770, 10-1-85, Cl. 568-9.000.

Brogi, Mario: *See—*

  Ceresara, Sergio; and Brogi, Mario, 4,554,407, Cl. 174-128.00S.

Brogie, Earl W. Automobile shelter. 4,520,603, 6-4-85, Cl. 52-173.00R.

Brogioli, Paul A.: *See—*

  Chambers, Carl E.; and Brogioli, Paul A., 4,531,506, Cl. 126-9.00A.

Brogli, Rudolf H.; Shamasunder, Bangalore I.; and Seth, Shivaji S., to United States of America, Energy. Flow exchange element for nuclear reactor. 4,547,334, 10-15-85, Cl. 376-389.000.

Brogren, Erik E.; and Chakrabarti, Subrata K., to Chicago Bridge & Iron Company. Hydrodynamic test apparatus with offshore structure model using gas bag seal at model bottom. 4,559,817, 12-24-85, Cl. 73-148.000.

Broich, Bruno: *See—*

  Hocker, Jurgen; Muller, Hans K.; and Broich, Bruno, 4,519,939, Cl. 252-500.000.

Broida, Joel G. Camera system. 4,552,443, 11-12-85, Cl. 354-132.000.

Brois, Stanley J.: *See—*

  Gutierrez, Antonio; Brownawell, Darrell W.; Walker, Thad O.; and Brois, Stanley J., 4,491,524, Cl. 252-8.50C.

Brokaw, A. Ray: *See—*

  Georgens, Harold H.; and Brokaw, A. Ray, 4,498,112, Cl. 360-96.500.

Brokaw, Adrian P.; and Maidique, Modesto A., to Analog Devices, Incorporated. A-to-D converter of the successive-approximation type. 4,547,766, 10-15-85, Cl. 340-347.0AD.

Brokaw, Adrian P.; and Maidique, Modesto A., to Analog Devices, Incorporated. A-to-D converter of the successive-approximation type. 4,556,870, 12-3-85, Cl. 340-347.0AD.

Brokaw, Paul, to Loctite Corporation. Compartmental cartridge. 4,493,436, 1-15-85, Cl. 222-80.000.

Broken Hill Proprietary Company Limited, The: *See—*

  Debenham, Michael; Dalli, Alan G.; and Revill, Peter L., 4,546,873, Cl. 198-836.000.

  Ensor, Paul M. D.; and Bassett, Neville C., 4,533,468, Cl. 209-172.000.

  Godfrey, Noel R.; Parkes, Larry S.; and Treacy, Richard H., 4,494,050, Cl. 318-158.000.

  Liberts, Sandra; Creer, Jack G.; and Mole, Thomas, 4,554,393, Cl. 585-322.000.

  Mainwaring, David E.; and Jones, Charles U., 4,539,010, Cl. 44-1.00C.

  Salm, Dietmar F. E., 4,508,480, Cl. 413-1.000.

  Wilson, Peter K., 4,511,081, Cl. 238-59.000.

Brokenshire, Robert E.: *See—*

  Meese, William G.; Pratt, Robert G.; Charneski, Mitchell D.; Brokenshire, Robert E.; and Whitney, Bruce F., 4,532,418, Cl. 235-381.000.

Broker, Klaus-Dieter, to Westfalia Separator AG. Self-emptying centrifuge drum. 4,505,698, 3-19-85, Cl. 494-40.000.

Brokke, Mervin E.; and Magee, Walter L., Jr., to Stauffer Chemical Company. Process for forming esters of glyoxylic acids. 4,524,214, 6-18-85, Cl. 560-51.000.

Brokke, Mervin E.: *See—*

  Pallos, Ferenc M.; Brokke, Mervin E.; and Arneklev, Duane R., 4,517,012, Cl. 71-94.000.

  Pallos, Ferenc M.; Brokke, Mervin E.; and Arneklev, Duane R., 4,519,833, Cl. 71-100.000.

Brokmann, Manfred. Connection for strap. 4,541,150, 9-17-85, Cl. 24-265.00C.

Brokmeier, Dieter, to Bayer Aktiengesellschaft. Mouldings and the production thereof comprising cement reinforced with pan fibers containing Zr. 4,528,302, 7-9-85, Cl. 523-204.000.

Brolin, Hans, to AB Perma System. Bearing bracket for outer-wall venetian blinds. 4,522,244, 6-11-85, Cl. 160-170.000.

Brombach, Hansjorg: *See—*

  Vischer, Daniel; and Volkart, Peter, 4,545,403, Cl. 137-497.000.

Brombacher, Urs; Montavon, Marc; Bretschneider, Hermann; Schantl, Joachim; and Turk, Wolfgang, to Hoffman-La Roche Inc. Schistosomicidal acridanone hydrazones. 4,544,659, 10-1-85, Cl. 514-297.000.

Brombal, David S.: *See—*

  Bunner, Charles B. D.; and Brombal, David S., 4,511,950, Cl. 361-413.000.

Bromboz, Jonathan J. Continuous method and apparatus for making a brush. 4,498,708, 2-12-85, Cl. 300-2.000.

Bromley, Charles W.; Cooke, Brian A.; and Coombes, Norman A., to Imperial Chemical Industries PLC. Coating compositions. 4,544,686, 10-1-85, Cl. 523-411.000.

Bromley, Charles W. A.: *See—*

  Coombes, Norman A.; Wilkinson, Michael R.; and Bromley, Charles W. A., 4,562,226, Cl. 524-767.000.

Bromley, Eric; and Schenck, Robert A., to Coleco Industries, Inc. Video game with control of movement and rate of movement of a plurality of game objects. 4,552,360, 11-12-85, Cl. 273-85.00G.

Bromme, Irmfried; Brunner, Reinhold; and Reimer, Heinz, to Siemens Aktiengesellschaft. Arrangement for reading out defined data from a digital switching device with mutually asynchronous control signals for sequential switching of the device and transfer of the data. 4,511,993, 4-16-85, Cl. 364-900.000.

Bron, Alphonse: *See—*

  Mock, Elmar; and Bron, Alphonse, 4,561,077, Cl. 368-282.000.

Bron, Dan. Rotary sprinkler. 4,493,458, 1-15-85, Cl. 239-230.000.

Bron, Dan. Self-regulating sprinkler nozzle. 4,524,913, 6-25-85, Cl. 239-222.170.

Bron, Dan. Liquid proportioning system. 4,541,450, 9-17-85, Cl. 137-99.000.

Bron Elektronik AG: *See—*

  Haberthur-Heilig. Walter, 4,514,794, Cl. 362-439.000.

Bronchart, Robert D. E. M.: *See—*

  Lepain, Andre; and Bronchart, Robert D. E. M., 4,512,914, Cl. 252-355.000.

Broney, Scott C.: *See—*

  Chesney, Joseph J., Jr.; Broney, Scott C.; and Ely, George A., 4,556,426, Cl. 106-18.320.

Bronfenbrenner, James C.; Skinner, Ronald W., and Znaimer, Samuel, to International Coal Refining Company. Integrated two-stage coal liquefaction process. 4,536,275, 8-20-85, Cl. 208-10.000.

Bronfenbrenner, James C.; Foster, Edward P.; and Tewari, Krishna, to International Coal Refining Company. Process for stabilizing the viscosity characteristics of coal derived materials and the stabilized materials obtained thereby. 4,555,248, 11-26-85, Cl. 44-78.000.

Bronicki, Lucien Y. Geothermal power plant and method for operating the same. 4,542,625, 9-24-85, Cl. 60-641.200.

Bronicki, Lucien Y., to Ormat Turbines, Ltd. Hybrid system for generating power. 4,551,980, 11-12-85, Cl. 60-698.000.

Broning, Manfred, to USM Corporation. Heel attaching machine. 4,491,263, 1-1-85, Cl. 227-152.000.

Bronn, William R., to Riker Laboratories, Inc. Certain 6-benzamidomethyl-2(1H)-pyridone derivatives. 4,555,573, 11-26-85, Cl. 546-291.000.

Bronn, William R.: *See—*

  McQuinn, Roy L.; Bronn, William R.; and Banitt, Elden H., 4,496,734, Cl. 546-221.000.

Bronner, James A.; Moore, John D.; and Dale, Paul R., to Sanitek Products, Inc. Drift control concentrate. 4,510,081, 4-9-85, Cl. 252-603.000.

Bronner, Jean-Claude, to CEM Compagnie Electro-Mecanique. Method and apparatus for minimizing the power induced in a flat conducting product maintained in position electromagnetically without contact. 4,518,840, 5-21-85, Cl. 219-10.670.

Bronnes, Robert L.; McKinlay, James K.; Sweet, Richard C.; and Zwicker, Walter K., to North American Philips Corporation. Metallized rare earth garnet and metal seal to same. 4,559,280, 12-17-85, Cl. 428-633.000.

Bronoel, Guy, to T.R.E.G.I.E. Electrochemical generator operating device with a zinc negative electrode. 4,517,258, 5-14-85, Cl. 429-21.000.

Brons, Glen B.: *See—*

Siskin, Michael; and Brons, Glen B., 4,491,513, Cl. 208-11.0LE.

Siskin, Michael; and Brons, Glen B., 4,491,514, Cl. 208-11.0LE.

Bronshvatch, Efim: *See—*

Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.

Bronson, James C. Line coder self-inking system with disposable ink supply reservoir. 4,552,063, 11-12-85, Cl. 101-35.000.

Bronson, Stanley O.; Peterson, John R.; and Schumacher, Edward B., to Exxon Research & Engineering Co. Ceramic fiber reinforced refractory. 4,558,016, 12-10-85, Cl. 501-95.000.

Bronstein, Allen I. Solar reflector. 4,510,923, 4-16-85, Cl. 126-438.000.

Bronstein-Bonte, Irena Y.; Lindholm, Edward P.; and Murphy, Richard J., to Polaroid Corporation. Image-receiving element with unitary image-receiving and decolorizing layer. 4,503,138, 3-5-85, Cl. 430-213.000.

Bronstein-Bonte, Irena Y.; and Lindholm, Edward P., to Polaroid Corporation. Polymeric pH-sensitive optical filter agents and articles including same. 4,546,062, 10-8-85, Cl. 430-215.000.

Bronstein, Leonard. Contact lens. 4,525,043, 6-25-85, Cl. 351-160.00R.

Bronstert, Bernd: *See—*

Hoffmann, Gerhard; Bronstert, Bernd; Hahn, Herbert; and Jun, Mong-Jon, 4,547,454, Cl. 430-271.000.

Bronstert, Klaus; Nickl, Johann; Krause, Hans-Joachim; and Schmitt, Werner, to BASF Aktiengesellschaft. Continuous preparation of isobutylene polymers. 4,558,104, 12-10-85, Cl. 526-65.000.

Bronstert, Klaus: *See—*

Hambrecht, Juergen; Brandstetter, Franz; Ziegler, Walter; Mueller, Wolfgang F.; Bronstert, Klaus; and Echte, Adolf, 4,526,927, Cl. 525-68.000.

Broockman, Eric C.; Cato, Robert T.; and Lynch, Robert C., to International Business Machines Corporation. Terminal device having closed chamber communications between functional units. 4,499,608, 2-12-85, Cl. 455-607.000.

Brook, Mark V.: *See—*

Kuljis, Zoran; Lareau, John P.; and Brook, Mark V., 4,509,369, Cl. 73-628.000.

Wentzell, Timothy H.; and Brook, Mark V., 4,532,808, Cl. 73-640.000.

Brooke, Dana: *See—*

David, Stephen T.; Brooke, Dana; and Gallian, Claude E., 4,547,358, Cl. 424-14.000.

Brooker, Andrew F.: *See—*

Wills, Robert P.; and Brooker, Andrew F., 4,519,100, Cl. 3-1.900.

Brooker, Eric L., to Andrew Corporation. Horn-reflector microwave antenna with internal debris trap. 4,511,899, 4-16-85, Cl. 343-784.000.

Brooker, Lenon G., to Westinghouse Electric Corp. Release sheets for laminates with wax and alginate salt release layer. 4,510,199, 4-9-85, Cl. 428-248.000.

Brooker, Lenon G., to Westinghouse Electric Corp. Warp resistant laminates having a core impregnated with a mixture of phenolix resin and alkyl substituted phenol. 4,514,462, 4-30-85, Cl. 428-285.000.

Brooker, Lenon G.; and Jarrell, Donald L., to Westinghouse Electric Corp. Chemical resistant decorative laminates. 4,543,290, 9-24-85, Cl. 428-336.000.

Brooker, Reginald D.: *See—*

Billington, Donald G.; Brooker, Reginald D.; Powell, Harry; Walker, Roger; Wilkins, David R. G.; and Weaver, Stuart, 4,552,065, Cl. 101-93.330.

Brookes, David A., to British Petroleum Company p.l.c., The. Firesafe seal. 4,509,546, 4-9-85, Cl. 137-74.000.

Brookes, David A.: *See—*

Baker, Peter J.; Brookes, David A.; and Johnson, Martin, 4,525,173, Cl. 44-51.000.

Brookes, David L.; Weatherly, John D.; and Dillicar, Colin R., to Development Finance Corporation of New Zealand. Ball identification for a table ball game. 4,516,770, 5-14-85, Cl. 273-11.00R.

Brookes, Malcolm J.: *See—*

Mulhauser, Paul J.; Spranger, Douglas M.; Brookes, Malcolm J.; and Kirk, Karl D., III, 4,558,810, Cl. 227-19.000.

Brookfield, Peter A. M. Hand tool with toothed rotors for dislodging material from a surface. 4,502,223, 3-5-85, Cl. 30-365.000.

Brooklyn Union Gas Company: *See—*

Markbreiter, Stephen J.; and Schorr, Hans P., 4,522,636, Cl. 55-23.000.

Nimke, Helmut E.; and Thomas, William R., 4,549,752, Cl. 285-55.000.

Brookman, Donald L.: *See—*

Grollimund, Everett C.; Smick, William H., III; and Brookman, Donald L., 4,517,825, Cl. 73-38.000.

Brooks, Alan C. Explosion proof battery. 4,529,674, 7-16-85, Cl. 429-71.000.

Brooks, Alan G.: *See—*

Barclay, John L.; Brooks, Alan G.; and Duebel, Clive P. J., 4,492,497, Cl. 406-153.000.

Brooks, Austin E., Jr., to Wabash College. Imaging method of making a raised line facsimile of a photographic image. 4,522,914, 6-11-85, Cl. 430-320.000.

Brooks, Burton, to Chemithon Corporation, The. Intermediate product for use in producing a detergent bar and method for producing same. 4,515,707, 5-7-85, Cl. 252-368.000.

Brooks, Christopher G.: *See—*

Foss, Janet M. P.; Foss, John; Brooks, Christopher G.; and Ridgely, Myron H., 4,505,495, Cl. 280-651.000.

Brooks, Daryl G., to Kent-Moore Corporation. Boring tool with fluid feed. 4,553,883, 11-19-85, Cl. 408-130.000.

Brooks, Dave W.: *See—*

Choinski, Graydon J.; and Brooks, Dave W., 4,508,018, Cl. 92-128.000.

Brooks, David, to Thorn EMI Ferguson Limited. Video recording and display equipment. 4,543,616, 9-24-85, Cl. 358-335.000.

Brooks, Derrick W.; and Morris, Christopher P. Conditioning apparatus. 4,543,736, 10-1-85, Cl. 34-46.000.

Brooks, Donald G. Knife guard filler fingers. 4,530,204, 7-23-85, Cl. 56-298.000.

Brooks, Edward D., to Horton Manufacturing Co., Inc. Combination clutch-brake. 4,534,454, 8-13-85, Cl. 192-18.00A.

Brooks, Edward J.; and Schauffele, Carl N., to Eastman Kodak Company. Exposure control apparatus. 4,503,508, 3-5-85, Cl. 364-525.000.

Brooks, Gary T.; and Cole, Bill W., to Standard Oil Company (Indiana). Injection moldable amide-imide polymers and copolymers containing semi-crystalline and amorphous polyamides. 4,515,924, 5-7-85, Cl. 525-432.000.

Brooks, Harvey L., to Harrelson, Gary A., a part interest. Conductor identifying probe and voltage supply device. 4,524,320, 6-18-85, Cl. 324-66.000.

Brooks, Jeffrey B.; and Larson, Warren M., to Markem Corporation. Vertical magnetic brush developing apparatus and method. 4,550,068, 10-29-85, Cl. 430-122.000.

Brooks, Lionel H., to Carbomedics, Inc. Level control for a fluidized bed. 4,546,012, 10-8-85, Cl. 427-213.000.

Brooks, Mark A.; Tomala, Ambrose; and Casey, Gary L., to Allied Corporation. Glow plug having a conductive film heater. 4,545,339, 10-8-85, Cl. 123-145.00A.

Brooks, Paul S., to Bechtel International Corporation. Skewed T-fillet weld gauge. 4,545,124, 10-8-85, Cl. 33-169.00D.

Brooks, Ralf M.; and Lepic, Daniel A., to NCR Canada Ltd. Concurrent, image-based, reject-re-entry repair system and method. 4,555,617, 11-26-85, Cl. 235-379.000.

Brooks, Robert E., to TRW Inc. Signal processing system and method. 4,541,687, 9-17-85, Cl. 350-162.120.

Brooks, Robert L.: *See—*

Young, Raymond H.; Morris, Horton H.; and Brooks, Robert L., 4,492,628, Cl. 209-5.000.

Brooks, Robert M.: *See—*

Roettgen, Leslie A.; Webber, Beth A.; Brooks, Robert M.; and Layman, Robert J., 4,520,767, Cl. 123-41.100.

Brooks, Ronald H. Improvements relating to method and apparatus for joining sheet material. 4,525,233, 6-25-85, Cl. 156-273.900.

Brooks, Samuel C.; and Horwitz, Jerome P., to Wayne State University. Compounds and compositions for inhibiting estrogen sulfotransferase transferase activity, process and novel intermediates therein. 4,496,555, 1-29-85, Cl. 514-182.000.

Brooks, William E., Jr.: *See—*

Schier, John H., Jr.; and Brooks, William E., Jr., 4,511,871, Cl. 335-213.000.

Brooksby, Brian T.: *See—*

Simpson, Anthony; Peterkin, Stuart M.; Brooksby, Brian T.; and Murray, Harold J., 4,538,991, Cl. 434-12.000.

Brookstein, David S.: *See—*

Petterson, De Witt R.; Skelton, John; and Brookstein, David S., 4,497,866, Cl. 428-365.000.

Broom, Nigel J. P., to Beecham Group Limited. Process for preparing penem derivatives. 4,517,124, 5-14-85, Cl. 260-245.20R.

Broome, Albert: *See—*

Bengmark, Stig; Broome, Albert; and Overland, Christian H., 4,533,356, Cl. 604-358.000.

Broome, Kenneth R., to Williams and Broome, Inc. Apparatus for the generation of hydroelectric power and method of manufacturing and installing same. 4,540,313, 9-10-85, Cl. 405-78.000.

Broome, Lloyd N.; and Lawrence, James, to Sanders Associates, Inc. Pen capping mechanism. 4,539,574, 9-3-85, Cl. 346-139.00R.

Brooshooft, Lawrence H.: *See—*

Scott, Michael J.; Slater, Paul; and Brooshooft, Lawrence H., 4,516,577, Cl. 128-330.000.

Brophy, Arthur M. Baseball dispenser device for batting practice. 4,538,810, 9-3-85, Cl. 273-26.00D.

Brophy, H. Joseph, Jr.: *See—*

Brophy, H. Joseph, Sr.; and Brophy, H. Joseph, Jr., 4,525,929, Cl. 30-181.000.

Brophy, H. Joseph, Sr.; and Brophy, H. Joseph, Jr. Cutting device. 4,525,929, 7-2-85, Cl. 30-181.000.

Brophy, William R.: *See—*

Dolson, Richard G.; and Brophy, William R., 4,559,427, Cl. 200-159.00B.

Brors, Daniel L.: *See—*

Williams, Bob J.; and Brors, Daniel L., 4,539,278, Cl. 430-5.000.

Brorsson, Fritz L.; Dahlberg, Bengt A. G.; and Holmberg, Bengt M., to Gambro Lundia AB. System for venting gases in fluids passing through a conduit. 4,536,201, 8-20-85, Cl. 55-189.000.

Brosch, Fred C., to Brosch Products, Inc. Rotary cutter. 4,548,118, 10-22-85, Cl. 83-522.000.

Brosch Products, Inc.: *See—*

Brosch, Fred C., 4,548,118, Cl. 83-522.000.

Brose Fahrzeugteile GmbH & Co. Kommanditgesellschaft: *See—*
  Hofmann, Hans-Otto, 4,508,386, Cl. 297-346.000.
  Leistner, Rolf; and Becker, Herbert, 4,499,787, Cl. 74-625.000.
  Schust, Gerhard, 4,503,732, Cl. 74-625.000.
Brosh, Amnon; and Fiori, David, Jr., to Bitronics, Inc. Electronic bathroom scale apparatus using planar coil sensors. 4,503,922, 3-12-85, Cl. 177-210.0EM.
Brosh, Amnon. Rotary position sensors employing planar coils. 4,507,638, 3-26-85, Cl. 336-79.000.
Brosigke, Michael, to Blohm & Voss AG. Ship's derrick. 4,506,791, 3-26-85, Cl. 212-190.000.
Brosillon, Raymond M., to Precision Mecanique Labinal. Device for controlling the light intensity of a fluorescent tube fed from a D.C. voltage. 4,529,913, 7-16-85, Cl. 315-224.000.
Bross, Robert. Handgun magazine with pommel base. 4,495,720, 1-29-85, Cl. 42-7.000.
Brossi, Arnold; and Kerekes, Peter, to United States of America, Health and Human Services. Carbamates of colchicine for treatment of gout. 4,533,675, 8-6-85, Cl. 514-480.000.
Brossi, Arnold, to United States of America, Health and Human Services. Antitussive 6-keto morphinans of the (+)-series. 4,552,962, 11-12-85, Cl. 546-74.000.
Broszat, Gottfried, to Transformatoren Union Aktiengesellschaft. Disk coil winding of interwound single or double coils. 4,510,475, 4-9-85, Cl. 336-60.000.
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  Vegeais, Patrick; Brot, Michel; and Valet, Jean-Yves, 4,555,715, Cl. 346-76.0PH.
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  Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, 4,502,401, Cl. 112-158.00B.
  Goto, Hideo; Hosoe, Takeo; Oda, Toshinori; and Ohtsuka, Sosuke, 4,516,978, Cl. 8-510.000.
  Gotoh, Hideo; Fukao, Satoshi; and Suzuki, Makoto, 4,528,428, Cl. 200-5.00A.
  Hasegawa, Yuzo; and Shimoda, Naokazu, 4,505,605, Cl. 400-208.000.
  Hattori, Shigenori, 4,502,803, Cl. 400-219.200.
  Hirata, Yoshikatsu, 4,518,271, Cl. 400-636.100.
  Imaizumi, Mamoru; and Fujiwara, Takashi, 4,538,933, Cl. 400-582.000.
  Imaizumi, Mamoru; and Kuzuya, Susumu, 4,540,297, Cl. 400-625.000.
  Imaizumi, Mamoru; Fujiwara, Takashi; and Kobayashi, Masanari, 4,541,747, Cl. 400-144.200.
  Imaizumi, Mamoru; and Kojima, Yasumichi, 4,553,860, Cl. 400-68.000.
  Kako, Mitumasa; and Ishigami, Michifumi, 4,516,508, Cl. 108-7.000.
  Kawaguchi, Hideo; and Nomura, Etuzo, 4,541,347, Cl. 112-121.110.
  Kawahara, Hiroshi, 4,491,069, Cl. 101-93.030.
  Kawahara, Hiroshi; and Nakamura, Kazuo, 4,493,569, Cl. 400-144.200.
  Kurachi, Hisao; Ito, Takeo; Iwase, Takayuki; and Shiota, Junji, 4,533,267, Cl. 400-214.000.
  Kuzuya, Susumu, 4,502,802, Cl. 400-212.000.
  Mizuno, Shigeru; Suzuki, Masahiko; Mizuno, Haruki; and Katsu, Masutaro, 4,508,567, Cl. 75-231.000.
  Okamoto, Takachiyo, 4,545,117, Cl. 29-596.000.
  Onoda, Hiroshi; and Mizuno, Kenji, 4,532,521, Cl. 346-33.00R.
  Sakakibara, Kenji, 4,536,691, Cl. 318-696.000.
  Takamura, Toshiro; and Kakumu, Muneharu, 4,560,844, Cl. 200-5.00A.
  Takamura, Toshiro; and Kakumu, Muneharu, 4,560,845, Cl. 200-5.00A.
  Tazawa, Souichi, 4,527,498, Cl. 112-323.000.
  Ueno, Hideo, 4,527,917, Cl. 400-70.000.
  Ueno, Hideo, 4,548,520, Cl. 400-63.000.
  Ueno, Hideo, 4,553,219, Cl. 364-705.000.
  Ueno, Hideo, 4,557,615, Cl. 400-54.000.
  Yamamoto, Takemi; and Suzuki, Makoto, 4,527,918, Cl. 400-82.000.
  Yanagi, Toshiaki; and Bessho, Yoshinori, 4,498,403, Cl. 112-121.120.
  Yanagi, Toshiaki, 4,506,612, Cl. 112-121.120.
  Yasui, Tsuneo, 4,516,137, Cl. 346-76.0PH.
Brothers, Bennie R. Motion picture camera. 4,498,747, 2-12-85, Cl. 352-191.000.
Brothers, Lance E.; and Rao, S. Prabhakara, to Halliburton Company. Oil field cementing methods and compositions. 4,500,357, 2-19-85, Cl. 106-90.000.
Brothers, Lance E.: *See—*
  Rao, S. Prabhakara; Brothers, Lance E.; and Brake, Bobby G., 4,522,653, Cl. 106-90.000.
Brothers, Luther C.; and Leimone, Michael R. Propulsion system. 4,548,042, 10-22-85, Cl. 60-668.000.
Brothers, William H.: *See—*
  Brothers, William S.; and Brothers, William H., 4,541,443, Cl. 132-75.600.
Brothers, William S.; and Brothers, William H. Abrading/smoothing tool. 4,541,443, 9-17-85, Cl. 132-75.600.
Brotherston, Colin P., to Lucas Industries Public Limited Company. Fuel pumping apparatus. 4,546,745, 10-15-85, Cl. 123-387.000.
Brotherton, Mary M.: *See—*
  Giegel, Joseph L.; and Brotherton, Mary M., 4,517,288, Cl. 435-7.000.
Brotherton, William A.; and Street, Kenneth, to Ferranti plc. Electrical circuit assemblies. 4,520,427, 5-28-85, Cl. 361-389.000.
Brotsky, Eugene, to Stauffer Chemical Company. Process for curing bacon, product thereof and composition therefor. 4,543,260, 9-24-85, Cl. 426-266.000.
Brotz, Gregory R. High-temperature carbon fiber coil and method for producing same. 4,534,997, 8-13-85, Cl. 427-53.100.
Brouard, Rene A.; and Tracez, Jean C., to Ceca S.A. Use of novel amines as bases for the preparation of emulsions of hydrocarbon binders. 4,561,900, 12-31-85, Cl. 106-246.000.
Broucksou, Robert H.: *See—*
  Martin, George; and Broucksou, Robert H., 4,550,625, Cl. 74-335.000.
Brough, Colin R.: *See—*
  Brice, John C.; and Brough, Colin R., 4,529,027, Cl. 164-76.100.
  Brice, John C.; and Brough, Colin R., 4,536,227, Cl. 148-13.100.
Brough, Denys W., to Rieter-Scragg Limited. Crossed belt false twist devices. 4,538,409, 9-3-85, Cl. 57-336.000.
Brough, Denys W.; and Lawrence, Christopher J., to Rieter-Scragg Limited. Yarn heater. 4,549,361, 10-29-85, Cl. 34-17.000.
Broughton, Amos W. Separator for immiscible fluid mixture. 4,554,074, 11-19-85, Cl. 210-519.000.
Broughton, George L.; Higby, Jeffrey P.; and Young, Robert F., to Outboard Marine Corporation. Marine propulsion device including ignition interruption means to assist transmission shifting. 4,525,149, 6-25-85, Cl. 440-1.000.
Broughton, Roger; and da Costa, Bernardo, to Canadian Patents & Development Limited. Movement artifact detector for sleep analysis. 4,550,736, 11-5-85, Cl. 128-731.000.
Brouillette, Bruce R.; and Shafer, Martha J., to Rust-Oleum Corporation. Water based aerosol coatings. 4,518,734, 5-21-85, Cl. 524-378.000.
Broukal, Josef: *See—*
  Kuzel, Radomir; Broukal, Josef; and Bouse, Vaclav, 4,521,250, Cl. 106-15.050.
Broussard, Alphe. Collapsible, movable apparatus for supporting health-sports devices. 4,522,394, 6-11-85, Cl. 273-1.50R.
Broussard, Alphe. Sofa-bed-dining table combination. 4,539,722, 9-10-85, Cl. 5-118.000.
Broussard, Paul P.: *See—*
  Faul, Donald; Broussard, Paul P.; and Granger, Donald W., 4,523,453, Cl. 73-40.700.
Brousseau, Francis J. Exercise device. 4,552,356, 11-12-85, Cl. 272-137.000.
Broussely, Michel; and Lecerf, Andre, to SAFT. Positive active material for electrochemical cells and electrochemical cells using said material. 4,546,057, 10-8-85, Cl. 429-218.000.
Broussoux, Dominique; Facoetti, Hugues; Ravinet, Pierre; Bernard, Daniel; and Micheron, Francois, to Thomson-CSF. Process for the production of a block of piezoelectric macromolecular material. 4,500,377, 2-19-85, Cl. 156-164.000.
Broussoux, Dominique; Facoetti, Hugues; and Micheron, Francois, to Thomson-CSF. Method of fabrication of piezoelectric polymer transducers by forging. 4,508,668, 4-2-85, Cl. 264-22.000.
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Brouwer, Cornelis, to Rotaque (Proprietary) Limited. Bottom discharge hopper structures. 4,550,665, 11-5-85, Cl. 105-241.200.
Brouwer, Cornelis A., to IHC Holland N.V. Vessel comprising two pivotably connected hull sections. 4,531,469, 7-30-85, Cl. 114-29.000.
Brouwer, Floyd: *See—*
  Forrest, Robert S.; Brouwer, Floyd; and Applegate, Merlin J., 4,530,162, Cl. 33-228.000.
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  Arnold, William; and Brouwer, Gerardus J., 4,520,903, Cl. 187-9.00R.
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  Mensink, Kornelis A.; and Brouwer, Hendrik L., 4,532,467, Cl. 323-316.000.
Brouwer, Marius S.; and Grosscurt, Arnoldus C., to Duphar International Research B.V. Benzoylurea compounds, and pesticidal and pharmaceutical compositions comprising same. 4,550,202, 10-29-85, Cl. 564-23.000.
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Brovman, Yakov Z., to Harris Graphics Corporation. Method and apparatus for registering overlapping printed images. 4,534,288, 8-13-85, Cl. 101-211.000.
Brovold, Thomas E., to MTS Systems Corporation. Servovalve spool control for digital rotary servovalve. 4,503,888, 3-12-85, Cl. 137-625.650.
Browall, Kenneth W.: *See—*
  Iacovangelo, Charles D.; and Browall, Kenneth W., 4,526,812, Cl. 427-115.000.

Iacovangelo, Charles D.; and Browall, Kenneth W., 4,540,640, Cl. 429-41.000.
Brower, Ben C., to A. W. Manufacturing Inc. Method for filleting fish. 4,542,559, 9-24-85, Cl. 17-46.000.
Brown, Adrian: *See—*
  Watson, George H.; McWhorter, David B.; and Brown, Adrian, 4,529,497, Cl. 208-11.00R.
Brown, Albert E.; and Emerson, Robert T., to Leedall Products Incorporated. Pressure-sensitive transfer elements and method. 4,499,140, 2-12-85, Cl. 428-308.400.
Brown, Alec T., to Mechanical Technology Incorporated. Multistage resonant compressor. 4,538,964, 9-3-85, Cl. 417-267.000.
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Brown, Alfred; Grimm, Henry J.; and Sustek, Alvin J., Jr., to Texaco Inc. Tapered steam injection process. 4,491,180, 1-1-85, Cl. 166-272.000.
Brown, Alfred; Huang, Wann-Sheng; and Shum, Yick-Mow, to Texaco Inc. Thermal injection and in situ combustion process for heavy oils. 4,495,994, 1-29-85, Cl. 166-261.000.
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  Huang, Wann-Sheng; and Brown, Alfred, 4,553,595, Cl. 166-278.000.
  Huang, Wann-Sheng; and Brown, Alfred, 4,558,742, Cl. 166-278.000.
  Long, Stephen L.; Cheung, Yin L.; and Brown, Alfred, 4,547,078, Cl. 374-42.000.
Brown, Allan H. G. Elongated prop for supporting a load. 4,534,531, 8-13-85, Cl. 248-351.000.
Brown, Alvin E.; and Henneuse, Donald P., to Manning Technologies, Inc. Coaxial flowpath apparatus. 4,506,552, 3-26-85, Cl. 73-861.280.
Brown, Alvin E., to Manning Technologies, Inc. Calibration circuit for ultrasonic flowmeter. 4,509,373, 4-9-85, Cl. 73-861.280.
Brown, Anthony D., to Grundy Dispense Systems, Inc. Coupler. 4,520,954, 6-4-85, Cl. 222-400.800.
Brown, Anthony R., to Molins PLC. Conveying rod-like articles. 4,555,011, 11-26-85, Cl. 198-444.000.
Brown, Arthur E. Reciprocating machines with both primary and secondary counter rotating balancers. 4,509,378, 4-9-85, Cl. 74-44.000.
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Brown, Arthur K.; Fulmer, Keith H.; and Ewald, Jerome T., to Allied Corporation. Brake booster. 4,514,981, 5-7-85, Cl. 60-547.100.
Brown, Barbara A.: *See—*
  Brown, Milton D., 4,531,346, Cl. 54-46.000.
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  Jahnke, William R.; Rockel, Bruce H.; Brown, Barry J.; Hawley, Floyd E.; Pennella, Andrew J.; Sugrue, John C.; and Wiggins, William R., 4,534,093, Cl. 29-26.00A.
Brown, Bernard J.; and Peelle, Thomas B., to Control Gaging, Inc. Machining in-process gage calibration from reference master. 4,539,777, 9-10-85, Cl. 51-165.00R.
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  Klesius, Phillip H.; and Brown, Bobby G., 4,505,277, Cl. 128-769.000.
Brown, Boveri & Cie AG: *See—*
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  Biegelmeier, Gottfried, 4,541,030, Cl. 361-56.000.
  Birnbreier, Hermann; and Haas, Helmut, 4,530,852, Cl. 427-102.000.
  Esrom, Hilmar, 4,522,898, Cl. 429-120.000.
  Gillhaus, Horst; Hegewaldt, Fritz; Faber, Wolfgang; Baer, Jurgen; and Toplak, Ernst, 4,518,352, Cl. 432-199.000.
  Haberfellner, Fritz; Mennicke, Stefan; and Prappacher, Gerd, 4,492,742, Cl. 429-104.000.
  Harbach, Friedrich, 4,539,276, Cl. 429-191.000.
  Hasenauer, Dieter; and Reiss, Harald, 4,505,977, Cl. 428-363.000.
  Jessen, Jens C.; and Hasenauer, Dieter, 4,546,056, Cl. 429-149.000.
  Jurgens, Heinz, 4,559,854, Cl. 83-170.000.
  Klein, Erwin, 4,521,170, Cl. 357-81.000.
  Koerner, Hans-Gerhard; Lang, Helmut; Berthold, Rainer; Strietzel, Rainer; and Melchior, Friedrich, 4,495,851, Cl. 89-6.500.
  Lisner, Herbert; and Michalak, Peter, 4,502,005, Cl. 324-158.0MG.
  Lucke, Hans-Hermann; and Jessen, Jens-Christian, 4,497,879, Cl. 429-62.000.
  Mennicke, Stefan; and Reiss, Karl, 4,555,846, Cl. 29-623.500.
  Neidig, Arno; Akyurek, Altan; and Hettmann, Hubert, 4,502,750, Cl. 339-275.00R.
  Neidig, Arno; Berndt, Dietmar; Wahl, Georg; and Wittmer, Mark, 4,505,418, Cl. 228-122.000.
  Reiss, Harald; and Ziegenbein, Botho, 4,517,263, Cl. 429-120.000.
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  Strietzel, Rainer, 4,556,883, Cl. 340-825.540.
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Brown, Brent W., to Integrated Systems Engineering, Inc. Electromechanical discrete element and a large sign or display. 4,531,121, 7-23-85, Cl. 340-764.000.
Brown, Brian M. Football holding device. 4,546,974, 10-15-85, Cl. 273-55.00B.
Brown, Bruce; and Brown, William C. Paper feeding mechanism. 4,522,386, 6-11-85, Cl. 271-147.000.
Brown, Bruce; and Strickland, Wilbur C., Jr., to Procter & Gamble Company, The. Passive dosing dispenser featuring high strength initial cleaning action. 4,558,471, 12-17-85, Cl. 4-228.000.
Brown, Carl R.: *See—*
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Brown, Charles D.: *See—*
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Brown, Charles E., to Medical College of Wisconsin, Inc., The. Apparatus and assay method for the quantitative determination of mineral content in bone. 4,510,450, 4-9-85, Cl. 324-321.000.
Brown, Christopher J. L., to Bowmans Brewer, Ltd. Brewing apparatus. 4,557,186, 12-10-85, Cl. 99-278.000.
Brown, Christopher K.; Kensinger, Lex D.; Over, William R.; and Wion, Donald A., to AMP Incorporated. Automatic wiring apparatus with rotatable insertion tooling. 4,499,648, 2-19-85, Cl. 29-564.200.
Brown, Christopher R.; Corrie, John D.; and Wilson, William G. J., to Westinghouse Brake and Signal Co., Ltd. Computer-based interlocking system. 4,517,673, 5-14-85, Cl. 371-36.000.
Brown, Christopher R., to Westinghouse Brake and Signal Co., Ltd. Arrangement for testing the operability of a semiconductive device. 4,554,507, 11-19-85, Cl. 324-158.0SC.
Brown, Claude D., to BBC Industries Inc. Cooling system. 4,534,181, 8-13-85, Cl. 62-180.000.
Brown, Claude D., to BBC Industries Inc. Flame control system for heat exchanger. 4,537,345, 8-27-85, Cl. 236-11.000.
Brown, Clyde O.; and Tourtellotte, Raymond E., to United Technologies Corporation. Laser hardening with selective shielding. 4,507,538, 3-26-85, Cl. 219-121.00L.
Brown Coal Corporation: *See—*
  Brown, George E., Jr.; and Hoppert, Bruce N., 4,543,104, Cl. 44-1.0SR.
Brown, Dale M., to General Electric Company. Field effect semiconductor devices and method of making same. 4,536,782, 8-20-85, Cl. 357-23.100.
Brown, David; Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., to Imperial Chemical Industries PLC. 1,2,4-triazin-3(2H) ones. 4,495,185, 1-22-85, Cl. 514-242.000.
Brown, David; Dowell, Robert I.; Hargreaves, Rodney B.; and Main, Brian G., to Imperial Chemical Industries PLC. 6-aryl-1,2,4-triazin-6-ones which possess cardiotonic properties. 4,503,054, 3-5-85, Cl. 514-242.000.
Brown, David: *See—*
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Brown, David C., to Cordis Corporation. Data transmission system. 4,543,961, 10-1-85, Cl. 128-667.000.
Brown, David F.; and Anstey, Michael J. Circuit assembly. 4,502,098, 2-26-85, Cl. 361-383.000.
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Brown, David J. Heated ceiling fan. 4,504,191, 3-12-85, Cl. 416-5.000.
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  Garcia, Frank, Jr.; and Brown, David L., 4,534,096, Cl. 29-157.10R.
Brown, Dennis N. Orthotic appliance and method of making. 4,503,576, 3-12-85, Cl. 12-146.00M.
Brown, Dennis N. Variably adjustable shoe inserts. 4,510,700, 4-16-85, Cl. 36-44.000.
Brown, Dennis N. Skate boot insert. 4,520,580, 6-4-85, Cl. 36-44.000.
Brown, Dewey E. Bow sight. 4,507,874, 4-2-85, Cl. 33-265.000.
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Brown, Donald P., to United States of America, Energy. Combined cold compressor/ejector helium refrigerator. 4,548,053, 10-22-85, Cl. 62-500.000.
Brown, Douglas E.; and Matthews, William, to United States of America, Navy. Oil filled towed array hose without couplings. 4,554,650, 11-19-85, Cl. 367-154.000.
Brown, Douglas S.: *See—*
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Brown, Duane G. Air intake anti-fouling stack. 4,514,201, 4-30-85, Cl. 55-385.00B.
Brown, Dwight C. Ratchet hinge structure. 4,506,408, 3-26-85, Cl. 16-225.000.
Brown, Earl F., to AT&T Bell Laboratories. Reduced bandwidth video transmission. 4,494,144, 1-15-85, Cl. 358-133.000.
Brown, Edgar D., Jr., to General Electric Company. Phenyl-containing organopolysiloxanes. 4,536,590, 8-20-85, Cl. 556-453.000.
Brown, Edric M. E.: *See—*
  Corbett, John; Brown, Edric M. E.; Tapner, Peter N.; and Commander, David J., 4,561,367, Cl. 112-38.000.

Brown, Edward G., to CBM-Oil Reclamation Systems, Inc. Oil reclamation process and apparatus therefor. 4,515,684, 5-7-85, Cl. 208-180.000.

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Brown, Eugene C., to Data Vu Company. Retrofit visual display lens holder. 4,529,268, 7-16-85, Cl. 350-276.00R.

Brown, Fred A., to Rotron Incorporated. Integral coaxial commutation and rotor magnets and apparatus and method for making same. 4,494,028, 1-15-85, Cl. 310-156.000.

Brown, Fred A.; and Grouse, Alan F., to Rotron Incorporated. Condition sensing arrangement for ac machines. 4,506,218, 3-19-85, Cl. 324-158.0MG.

Brown, Fred A.; and Grouse, Alan F., to Rotron Incorporated. Simple brushless DC fan motor with reversing field. 4,553,075, 11-12-85, Cl. 318-254.000.

Brown, Garrett W. Suspension system for supporting and conveying equipment, such as a camera. 4,533,955, 8-6-85, Cl. 358-229.000.

Brown, George E., Jr.; and Hoppert, Bruce N., to Brown Coal Corporation. Coal treatment method and product produced therefrom. 4,543,104, 9-24-85, Cl. 44-1.0SR.

Brown, George L.; and Spencer, Arthur T., to SCM Corporation. Aqueous coating composition comprising self-emulsifiable ester of epoxy and acid containing addition polymer. 4,547,535, 10-15-85, Cl. 523-404.000.

Brown, George T. Pipe repair bypass system. 4,508,129, 4-2-85, Cl. 137-15.000.

Brown, George T., Jr.; and Blakely, Lewis E., Jr., to American Thermometer Co., Inc. Skin temperature indicating and recording device. 4,524,778, 6-25-85, Cl. 128-736.000.

Brown, George T., Jr., to American Thermometer Co., Inc. Device for detecting, measuring, and recording body thermal emissivity. 4,524,779, 6-25-85, Cl. 128-736.000.

Brown, Gerald W., to Kollmorgen Technologies Corporation. Double coil constant force extension spring bracket. 4,551,646, 11-5-85, Cl. 310-242.000.

Brown, Glenn E.: *See—*

Karpetsky, Timothy P.; and Brown, Glenn E., 4,495,279, Cl. 435-6.000.

Moffitt, Gregory A.; and Brown, Glenn E., 4,555,882, Cl. 52-204.000.

Brown, Glenn W.: *See—*

Gersch, Herbert M.; and Brown, Glenn W., 4,556,528, Cl. 264-221.000.

Brown, Graydon L., to Conoco Inc. Continuous shear wave logging apparatus. 4,549,630, 10-29-85, Cl. 181-106.000.

Brown, Gregory C., to Rosemount Inc. Electric signal to pressure signal transducer. 4,534,376, 8-13-85, Cl. 137-83.000.

Brown, Gregory N.: *See—*

Kennedy, Robert J., Jr.; Smith, Kendall S., II; and Brown, Gregory N., 4,542,822, Cl. 206-45.330.

Brown Group Recreational Products, Inc.: *See—*

Defibaugh, William L., 4,537,392, Cl. 272-85.000.

Brown, Harold M.: *See—*

Owen, Jeffrey D.; and Brown, Harold M., 4,561,963, Cl. 204-433.000.

Brown, Harvey A.: *See—*

Huffman, William A.; and Brown, Harvey A., 4,514,045, Cl. 350-351.000.

Brown, Henry C., to McDonnell Douglas Corporation. Piezoelectric valve operator. 4,545,561, 10-8-85, Cl. 251-129.080.

Brown, Herbert C.: *See—*

Kramer, George M.; Weissman, Walter; Brown, Herbert C.; and Pettit, Rowland, deceased, 4,518,798, Cl. 560-233.000.

Brown, Herbert J.; and Stitt, Thomas D., to General Electric Company. Speed reducing control system with voltage regulation for a polyphase electric motor. 4,524,316, 6-18-85, Cl. 318-809.000.

Brown, Howard: *See—*

Mallok, Horst; Brown, Howard; and Iacampo, Marco, 4,540,478, Cl. 204-297.00W.

Brown, Ian G., to Xerox Corporation. Copiers for simplex and duplex copying. 4,538,906, 9-3-85, Cl. 355-14.0SH

Brown International Corporation: *See—*

Alexander, L. Bruce, 4,518,621, Cl. 426-495.000.

Brown, Ivan H.: *See—*

Bykerk, Rocky S., 4,551,781, Cl. 361-143.000.

Brown, Ivan R.; Bjorck, Paul M.; and Eaton, Brian M., to Hardinge Brothers, Inc. Multiple axis slant bed machine. 4,506,569, 3-26-85, Cl. 82-2.00R.

Brown, Ivan R.: *See—*

Waldron, Joseph P.; and Brown, Ivan R., 4,524,655, Cl. 82-36.00A.

Brown, J. Gale. Modular-accessible-tiles providing accessibility to conductors and piping with improved sound isolation. 4,546,024, 10-8-85, Cl. 428-44.000.

Brown, James E., to Rinker, Debra Kay. Sprout growing system. 4,551,942, 11-12-85, Cl. 47-14.000.

Brown, James L., to Rockwell International Corporation. Low level signal comparator apparatus. 4,494,019, 1-15-85, Cl. 307-491.000.

Brown, James L., to Rockwell International Corporation. CMOS/SOS transistor gate array apparatus. 4,513,307, 4-23-85, Cl. 357-42.000.

Brown, James M. Sawhorse frame with strong clamping action and compact folding feature. 4,506,761, 3-26-85, Cl. 182-186.000.

Brown, James M.; and Kemper, Kyran B., to AT&T Bell Laboratories. Magnetic current sensor with offset and load correction. 4,516,070, 5-7-85, Cl. 324-117.00R.

Brown, James M., to AT&T Bell Laboratories. Magnetic differential current sensor. 4,517,513, 5-14-85, Cl. 324-117.00R.

Brown, James S.: *See—*

Gartmann, Russell J.; and Brown, James S., 4,510,755, Cl. 60-657.000.

Brown, James T., Jr.; and Schowengerdt, Frank D., to Colorado School of Mines. Apparatus and method for dust control by condensation enlargement. 4,497,641, 2-5-85, Cl. 55-94.000.

Brown, James W.; Chen, Tsang J.; and Schen, Michael A., to Eastman Kodak Company. Latex compositions comprising loadable polymeric particles. 4,497,929, 2-5-85, Cl. 524-547.000.

Brown, Jana L.: *See—*

Grappendorf, Richard H.; and Brown, Jana L., 4,499,959, Cl. 175-330.000.

Brown, Jason W.; and Ackerman, Mitchell N., to Brown, Jason W. Writing prosthesis. 4,511,272, 4-16-85, Cl. 401-6.000.

Brown, Joe R. High speed pipe handling apparatus. 4,518,309, 5-21-85, Cl. 414-745.000.

Brown, John F.; and Stanton, Robert M., to AT&T Bell Laboratories. Thick film resistor circuits. 4,503,090, 3-5-85, Cl. 427-96.000.

Brown, John M. Rectangular framed advertising display clock. 4,506,993, 3-26-85, Cl. 368-314.000.

Brown, Karen H.; Moore, David F.; and van der Hoeven, Bernard J. C., Jr., to International Business Machines Corporation. Composite back-etch/lift-off stencil for proximity effect minimization. 4,560,435, 12-24-85, Cl. 156-643.000.

Brown, Karen K.; and Stewart, Richard C., to Miles Laboratories, Inc. Influenza vaccine production in liquid cell culture. 4,500,513, 2-19-85, Cl. 424-89.000.

Brown, Karen K.; and Bryant, Sharon A., to Miles Laboratories, Inc. Determining potency of streptococcal preparations. 4,529,581, 7-16-85, Cl. 424-9.000.

Brown, Karen K.; and Bryant, Sharon A., to Miles Laboratories, Inc. Titration of group C streptococcal antibody. 4,529,582, 7-16-85, Cl. 424-9.000.

Brown, Keith: *See—*

Bogaty, Herman; Brown, Keith; Loveless, Norman P.; and Wolfram, Leszek J., 4,559,057, Cl. 8-405.000.

Brown, Kenneth E.: *See—*

Blossick, Raymond B.; Bortzfield, Frank M.; Brown, Kenneth E.; Herr, Joseph H.; and Rannels, Gerald L., 4,546,574, Cl. 51-170.00T.

Brown, Kenneth H., to Motorola, Inc. Frequency acquisition circuit for phase locked loop. 4,527,127, 7-2-85, Cl. 329-122.000.

Brown, Kenneth L. Dowel cutter and sizer. 4,553,575, 11-19-85, Cl. 144-12.000.

Brown, Kevin E.: *See—*

Dickerson, James, 4,523,774, Cl. 280-655.000.

Brown, Larry L.; and Lisle, Jerry H. Sweat band apparatus. 4,547,903, 10-22-85, Cl. 2-12.000.

Brown, Larry T.: *See—*

Pierce, Stanley L.; Brown, Larry T.; and Jain, Pramod K., 4,527,678, Cl. 192-3.580.

Brown, Laurence A.: *See—*

Seyb, Edgar J., Jr.; and Brown, Laurence A., 4,543,167, Cl. 204-51.000.

Brown, Leland T., to Motorola, Inc. Solid state interrupt circuit. 4,530,023, 7-16-85, Cl. 361-58.000.

Brown, Leland T., to Motorola, Inc. Series current limiter. 4,533,970, 8-6-85, Cl. 361-58.000.

Brown, Leslie; Braven, James; and Rhead, Michael M., to Devon County Council, a part interest. Method and apparatus for monitoring sewage treatment efficiency and determining sewage sources. 4,554,077, 11-19-85, Cl. 210-656.000.

Brown, Lewis R.; and Brown-Skrobot, Susan, to Chevron Research Company. Controlling plant fungi using streptomycetes grown on chitin. 4,534,965, 8-13-85, Cl. 424-93.000.

Brown, Luba. Stitchery needle board. 4,561,574, 12-31-85, Cl. 223-109.00R.

Brown, Lyman J., to Bates Printing Specialties, Inc. Tear open tamper resistant game ticket assembly. 4,513,993, 4-30-85, Cl. 283-103.000.

Brown, M. Wayne, to IPT Corporation. Method for mixing gaseous fuel with air. 4,494,515, 1-22-85, Cl. 123-527.000.

Brown, Mark H., to Trans-Canada Resources Ltd. Method and apparatus for soil mechanics measurements of filter cakes. 4,528,842, 7-16-85, Cl. 73-61.400.

Brown, Marvin L.; and Jarrett, Ronald T., to J. I. Case Company. Clamping assembly. 4,557,448, 12-10-85, Cl. 248-75.000.

Brown, Marvin R.: *See—*

Evans, Ronald M.; Swanson, Larry; Vale, Wylie W., Jr.; Rosenfeld, Michael G.; Amara, Susan G.; Brown, Marvin R.; and Rivier, Jean E. F., 4,530,838, Cl. 514-11.000.

Brown, Mary-Catherine: *See—*

Duke, June T.; Samuels, Kenneth E.; and Brown, Mary-Catherine, 4,510,204, Cl. 428-463.000.

Brown, Melvin H.; and DeYoung, David H., to Aluminum Company of America. Three-stage process for burning fuel containing sulfur to reduce emission of particulates and sulfur-containing gases. 4,542,704, 9-24-85, Cl. 110-347.000.

Brown, Merle S.; and Arzberger, William A., to Jet Spray Corp. Beverage dispenser with improved in-bowl whipper. 4,537,332, 8-27-85, Cl. 222-190.000.

Brown, Michael A. Variable ventilation system for garments. 4,513,451, 4-30-85, Cl. 2-69.000.

- Brown, Michael J.: *See—*
  - Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., 4,523,004, Cl. 528-76.000.
  - Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., 4,549,007, Cl. 528-76.000.
- Brown, Michael K.; and Rabiner, Lawrence R., to AT&T Bell Laboratories. LPC word recognizer utilizing energy features. 4,519,094, 5-21-85, Cl. 381-43.000.
- Brown, Michael M.: *See—*
  - Hickman, Mark R.; and Brown, Michael M., 4,508,976, Cl. 307-270.000.
- Brown, Milton D., to Brown, Barbara A. Stirrup stay. 4,531,346, 7-30-85, Cl. 54-46.000.
- Brown, Milton F., Jr.; and Anderson, Darl. Apparatus for operating a plurality of control circuits having a common conductor and a circuit therefor. 4,504,082, 3-12-85, Cl. 280-735.000.
- Brown, Milton F., Jr. Vehicle safety restraint device. 4,536,008, 8-20-85, Cl. 280-730.000.
- Brown, Morton E.: *See—*
  - Sparks, Cecil R.; Edlund, Carl E.; and Brown, Morton E., 4,559,610, Cl. 364-803.000.
- Brown, Neil L., to Neil Brown Instrument Systems, Inc. Analog to digital converter for precision measurements of A.C. signals. 4,536,744, 8-20-85, Cl. 340-347.0AD.
- Brown, Neil L., to Neil Brown Instrument Systems, Inc. Band-pass amplifier filters. 4,539,525, 9-3-85, Cl. 330-107.000.
- Brown, Neil L.: *See—*
  - Clemence, Francois; and Brown, Neil L., 4,530,932, Cl. 514-318.000.
- Brown, Omar L.; Peters, Don B.; and Schubert, James R., to Fraze, Ermal C. Can end with retained tear strip. 4,503,989, 3-12-85, Cl. 220-269.000.
- Brown, Omar L., to Dayton Reliable Tool & Mfg. Co. Preheat start-up arrangement for stamping and forming presses. 4,559,800, 12-24-85, Cl. 72-342.000.
- Brown, Omar L.: *See—*
  - Bachmann, Henry C.; Brown, Omar L.; Fraze, Ermal C.; Gregg, James R.; and Wynn, David K., 4,561,280, Cl. 72-346.000.
- Brown, Pamela: *See—*
  - Southgate, Robert; and Brown, Pamela, 4,521,337, Cl. 534-560.000.
- Brown, Patrick A.; and Murphy, William C. Conveyor lubricating apparatus. 4,537,285, 8-27-85, Cl. 184-15.200.
- Brown, Patrick C., to Corning Glass Works. Low tension winding apparatus. 4,500,043, 2-19-85, Cl. 242-45.000.
- Brown, Paul, to Husky Injection Molding Systems Ltd. Apparatus for molding plastic articles. 4,496,302, 1-29-85, Cl. 425-547.000.
- Brown, Paul L., to Dow Corning Corporation. Organopolysiloxane emulsifier compositions and method therefor. 4,520,160, 5-28-85, Cl. 524-765.000.
- Brown, Paul P., to Husky Injection Molding Systems Ltd. Self-centering arrangement for coacting forming tools. 4,556,377, 12-3-85, Cl. 425-138.000.
- Brown, Paul S.: *See—*
  - Martin, Larry D.; and Brown, Paul S., 4,539,134, Cl. 252-156.000.
- Brown, Peter E.: *See—*
  - Harrison, Stephen J.; and Brown, Peter E., 4,502,180, Cl. 16-52.000.
- Brown, Peter K. Handlebar switch. 4,497,988, 2-5-85, Cl. 200-61.850.
- Brown, Phil. Sweeping machine with arcuate paddle of flexible material. 4,505,096, 3-19-85, Cl. 56-328.00R.
- Brown, Phillip P.: *See—*
  - Wang, An; and Brown, Phillip P., 4,508,463, Cl. 400-124.000.
- Brown, Randall J.: *See—*
  - McRowe, Arthur W.; and Brown, Randall J., 4,507,414, Cl. 524-100.000.
- Brown, Richard, to RCA Corporation. Method of fabricating an electronic circuit including an aperture through the substrate thereof. 4,520,561, 6-4-85, Cl. 29-840.000.
- Brown, Richard A.; and Trew, John D., to Porter-Walker, Inc.; and Urethane Specialties, Inc., a part interest. Polyurethane spray nozzle for abrasive slurries. 4,494,698, 1-22-85, Cl. 239-489.000.
- Brown, Richard A.; and Wilson, Richard K., to CVI Incorporated. Vacuum spool piece and joint. 4,502,714, 3-5-85, Cl. 285-47.000.
- Brown, Richard A., to FMC Corporation. Recovery of vanadium from acidic solutions thereof. 4,526,762, 7-2-85, Cl. 423-63.000.
- Brown, Richard A.; and Norris, Robert D., to FMC Corporation. Oxidation of sulfides in polymer-thickened aqueous solution. 4,552,668, 11-12-85, Cl. 210-759.000.
- Brown, Richard A.; and Norris, Robert D., to FMC Corporation. Composition and method for treating a subterranean formation. 4,552,674, 11-12-85, Cl. 252-8.55R.
- Brown, Richard A.; and Norris, Robert D., to FMC Corporation. Composition and method for treating a subterranean formation. 4,552,675, 11-12-85, Cl. 252-8.55R.
- Brown, Richard E.; St. Georgiev, Vassil; Kropp, Philip; and Loev, Bernard, to USV Pharmaceutical Corporation. Pyridotriazolopyrazine-diones for treating allergy. 4,507,300, 3-26-85, Cl. 514-280.000.
- Brown, Richard E.: *See—*
  - Musser, John H.; and Brown, Richard E., 4,522,947, Cl. 514-293.000.
- Brown, Richard F.: *See—*
  - Alario, Joseph P.; Brown, Richard F.; and Kosson, Robert L., 4,515,207, Cl. 165-1.000.
- Brown, Richard I., to Baxter Travenol Laboratories, Inc. Centrifuge with movable mandrel. 4,530,691, 7-23-85, Cl. 494-45.000.
- Brown, Richard J., to Eaton Corporation. Mounting shaft and adaptor for viscous coupling. 4,544,054, 10-1-85, Cl. 192-58.00B.
- Brown, Richard K.; and Seiferth, Oscar E., to James River-Norwalk, Inc. Package assembly and method for storing and microwave heating of food. 4,555,605, 11-26-85, Cl. 219-10.55E.
- Brown, Richard K.: *See—*
  - Bohrer, Timothy H.; Pawlowski, Thomas D.; and Brown, Richard K., 4,553,010, Cl. 219-10.55E.
- Brown, Richard L., to Idea Engineering Company. Precise intermittent feeding apparatus for edgewise perforated carrier sheet material. 4,549,680, 10-29-85, Cl. 226-76.000.
- Brown, Richard P.; and Correll, Harold E., to Goodyear Aerospace Corporation. Locking configuration for a wheel rim flange retaining ring. 4,552,194, 11-12-85, Cl. 152-410.000.
- Brown, Robert A., to Acushnet Company. Fast thermal response mold. 4,508,309, 4-2-85, Cl. 249-81.000.
- Brown, Robert A., to Acushnet Company. Method of making a mold frame. 4.558,499, 12-17-85, Cl. 29-157.30R.
- Brown, Robert A.: *See—*
  - McNaghten, Delmar E.; Kent, Dennis C.; and Brown, Robert A., 4,546,341, Cl. 337-177.000.
- Brown, Robert C.: *See—*
  - Patton, Roy D.; and Brown, Robert C., 4,491,713, Cl. 219-69.00R.
- Brown, Robert E.: *See—*
  - McKay, Jack E.; and Brown, Robert E., 4,557,626, Cl. 404-90.000.
- Brown, Robert J.; Fernandez, Douglas R.; and McGonigal, Charles, to AT&T Technologies, Inc. Methods of making an electrical connector. 4,539,748, 9-10-85, Cl. 29-874.000.
- Brown, Robert J. S., to Chevron Research Company. Computer-controlled, portable pulsed NMR instrument and method of use wherein depolarization is ultrashortened using pseudo randomly spaced and oriented RF depolarization pulses. 4,542,343, 9-17-85, Cl. 324-307.000.
- Brown, Robert L.; Henley, Virgil E.; and Kovalchik, Stephen J., to GenCorp Inc. Bead locking device of a tire building drum. 4,498,948, 2-12-85, Cl. 156-401.000.
- Brown, Robert L.; Jones, William A.; and Anderson, Daryl E., to GenCorp Inc. Tire bead turn-up device. 4,508,586, 4-2-85, Cl. 156-401.000.
- Brown, Robert L. Hair treatment product. 4,547,364, 10-15-85, Cl. 424-70.000.
- Brown, Robert L. Computerized executive work station. 4,562,482, 12-31-85, Cl. 358-254.000.
- Brown, Robert L.: *See—*
  - Kiricoples, Charles P.; Behrens, Henry; and Brown, Robert L., 4,536,099, Cl. 401-209.000.
- Brown, Robert M., to United States of America, Navy. Handprinted symbol recognition system. 4,491,960, 1-1-85, Cl. 382-26.000.
- Brown, Robert M.; and Turner, Patrick E., to Goodyear Aerospace Corporation. Spaced armor. 4,529,640, 7-16-85, Cl. 428-116.000.
- Brown, Robert W.; and Bowman, Richard P., to Appleton Papers Inc. Capsule manufacture. 4,552,811, 11-12-85, Cl. 428-402.210.
- Brown, Roger H.; Chow, Kuen; Goodwin, Norman W.; and Grinberg, Jan, to Hughes Aircraft Company. Temperature gradient zone melting apparatus. 4,523,067, 6-11-85, Cl. 219-10.49R.
- Brown, Roger H.: *See—*
  - Little, Michael J.; Brown, Roger H.; Efron, Uzi; and Hoberg, Clarence P., 4,537,827, Cl. 428-409.000.
- Brown, Roger J.: *See—*
  - Calapp, David E.; Ackert, Gail M.; and Brown, Roger J., 4,494,939, Cl. 441-70.000.
- Brown, Ronald: *See—*
  - Summers, Frank V.; Meissner, David C.; and Brown, Ronald, 4,553,742, Cl. 266-156.000.
- Brown, Ronald A.: *See—*
  - Galdun, Daniel J.; Struger, Odo J.; Grants, Valdis; and Brown, Ronald A., 4,527,250, Cl. 364-900.000.
- Brown, Ronald D., to Caterpillar Tractor Co. Adaptive welder with laser TV-scanner. 4,493,968, 1-15-85, Cl. 219-124.340.
- Brown, Ronald E.; and Grinwis, Jack M. Limb protective coverings. 4,530,350, 7-23-85, Cl. 128-82.000.
- Brown, Royden. Pollen trap for beehives with bee flight control. 4,494,263, 1-22-85, Cl. 6-4.00R.
- Brown, Russell L. Expanding anchor fastener. 4,530,630, 7-23-85, Cl. 411-340.000.
- Brown, Sam J., to Sam J. Brown Land & Cattle Company, Inc. Centerline sight with reverse pendulum. 4,511,005, 4-16-85, Cl. 172-430.000.
- Brown, Sammy K.: *See—*
  - Koeppen, Peter L.; Rogers, Gerald; Brown, Sammy K.; and Solimeno, Duane, 4,491,907, Cl. 364-200.000.
  - Rogers, Gerald D.; Koeppen, Peter L.; Brown, Sammy K.; and Solimeno, Duane, 4,530,047, Cl. 364-200.000.
  - Solimeno, Duane; Koeppen, Peter L.; Rogers, Gerald; and Brown, Sammy K., 4,517,656, Cl. 364-900.000.
- Brown, Sand T.: *See—*
  - Dechow, Fred J.; Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,522,836, Cl. 426-271.000.
  - Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,514,427, Cl. 426-271.000.
- Brown, Sanford S.: *See—*
  - Baxter, Leslie A.; and Brown, Sanford S., 4,535,448, Cl. 370-85.000.
- Brown & Sharp Manufacturing Company: *See—*
  - Beckwith, Walter L., Jr., 4,492,036, Cl. 33-180.00R.
- Brown-Skrobot, Susan: *See—*
  - Brown, Lewis R.; and Brown-Skrobot, Susan, 4,534,965, Cl. 424-93.000.

Brown, Stanley F.; and Plonczak, Garold W., to Atasi Corporation. Memory storage apparatus having vibration-dampened base plate arrangement. 4,491,888, 1-1-85, Cl. 360-97.000.
Brown, Stanley F.; and Plonczak, Garold W., to Atasi Corporation. Memory storage apparatus having improved housing and base plate arrangement. 4,553,183, 11-12-85, Cl. 360-98.000.
Brown, Stanley M.; Durante, Vincent A.; Reagan, William J.; and Speronello, Barry K., to Engelhard Corporation. Fluid catalytic cracking catalyst comprising microspheres containing more than about 40 percent by weight Y-faujasite and methods for making. 4,493,902, 1-15-85, Cl. 502-65.000.
Brown, Stephen: *See—*
  Hope, Robert; and Brown, Stephen, 4,528,736, Cl. 29-235.000.
Brown, Stephen T., to Boeing Company, The. Reinforced elastomer attachment joint. 4,507,011, 3-26-85, Cl. 403-404.000.
Brown, Steven L.: *See—*
  Mullally, Charles J.; Brown, Steven L.; Anderson, David L.; and Hitchcock, Robert F., 4,509,340, Cl. 62-503.000.
Brown, Stewart C., to Tecstor, Inc. Head positioning servo for disk drives. 4,547,822, 10-15-85, Cl. 360-78.000.
Brown, Theodore C., Sr. Two piece closet ring. 4,502,166, 3-5-85, Cl. 4-252.00R.
Brown, Theodore L.; and Nubel, Philip O., to Board of Trustees, University of Illinois. Stereoselective synthesis of internal olefins. 4,544,789, 10-1-85, Cl. 585-511.000.
Brown, Thomas A.; Dissosway, Marc A.; Peil, William; and Vamvakas, Spiro, to General Electric Company. Lighting unit with improved control sequence. 4,495,446, 1-22-85, Cl. 315-206.000.
Brown, Thomas A.: *See—*
  Bitting, Ricky F.; Peil, William; and Brown, Thomas A., 4,494,055, Cl. 318-254.000.
  Bitting, Ricky F.; Peil, William; Brown, Thomas A.; and Guzek, William K., 4,499,408, Cl. 318-254.000.
Brown, Thomas B.: *See—*
  Bancroft, Charles F.; Brown, Thomas B.; Bullock, Peter W.; and Sutter, Leroy V., Jr., 4,523,071, Cl. 219-56.220.
Brown, Thomas H.; and Ife, Robert J., to Smith Kline & French Laboratories Limited. Phenyl alkylaminopyrimidones. 4,496,567, 1-29-85, Cl. 514-272.000.
Brown, Thomas H.; and Durant, Graham J., to Smith Kline & French Laboratories Limited. Guanidinothiazolyl derivatives. 4,521,418, 6-4-85, Cl. 514-272.000.
Brown, Thomas H.; and Young, Rodney C., to Smith Kline & French Laboratories Limited. Dioxocyclobutene compounds. 4,521,625, 6-4-85, Cl. 564-461.000.
Brown, Thomas H., to Smith Kline & French Laboratories Limited. Process and nitroaminopyrimidone intermediates for histamine H_2-antagonists. 4,523,015, 6-11-85, Cl. 544-320.000.
Brown, Thomas H.; and Ife, Robert J., to Smith Kline & French Laboratories Limited. Pyrimidine compounds. 4,539,207, 9-3-85, Cl. 514-272.000.
Brown, Thomas H.; and Rawlings, Derek A., to Smith Kline & French Laboratories Limited. N-substituted pyridinones having histamine H_2-antagonist activity. 4,540,699, 9-10-85, Cl. 514-272.000.
Brown, Thomas L.: *See—*
  Kollmeyer, Willy D.; and Brown, Thomas L., 4,525,201, Cl. 71-76.000.
Brown, Thomas R.: *See—*
  Parquet, Donald J.; Brown, Thomas R.; and Edwards, Eldon R., 4,515,520, Cl. 414-718.000.
Brown University: *See—*
  Pfost, Dale R., 4,523,319, Cl. 372-54.000.
Brown University Research Foundation Inc.: *See—*
  Rotman, M. Boris, 4,559,299, Cl. 435-29.000.
Brown, Vernon E., Jr.: *See—*
  Ames, Theodore; and Brown, Vernon E., Jr., 4,551,025, Cl. 366-144.000.
Brown, Villy: *See—*
  Harrington, Richard F.; Dagiel, Richard T.; and Brown, Villy, 4,555,007, Cl. 192-98.000.
Brown, Vincent B.; Kozel, Charles A.; and Scheitz, John T., to Methode Electronics, Inc. Insulation displacement connector. 4,491,379, 1-1-85, Cl. 339-97.00P.
Brown, Vincent B.; and Schreiner, Donald G., to Methode Electronics, Inc. Apparatus for applying assembled connector terminals and the like to a plurality of leads. 4,534,098, 8-13-85, Cl. 29-564.800.
Brown, Vincent B.; and Geib, Lawrence, to Methode Electronics, Inc. Assembly of a contact spring and wire wrap terminal. 4,534,603, 8-13-85, Cl. 339-17.00C.
Brown, Vincent B.; Kozel, Charles A.; Scheitz, John T.; and Armando, John E., to Methode Electronics, Inc. Electrical connector. 4,537,456, 8-27-85, Cl. 339-99.00R.
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Brown, William B. Anti-theft lock for pedal operated apparatus. 4,493,198, 1-15-85, Cl. 70-203.000.
Brown, William B.; and Davis, Cynthia E., to Nalco Chemical Company. Masking agent for paint spray booths. 4,548,967, 10-22-85, Cl. 524-56.000.
Brown, William C.: *See—*
  Brown, Bruce; and Brown, William C., 4,522,386, Cl. 271-147.000.
Brown, William F.: *See—*
  Christiansen, David W.; Steffen, Jim M.; and Brown, William F., 4,537,741, Cl. 376-261.000.
  Christiansen, David W.; and Brown, William F., 4,542,267, Cl. 219-9.500.
  Christiansen, David W.; Brown, William F.; and Steffen, Jim M., 4,548,347, Cl. 228-48.000.
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Brown, William J., to Emerson Electric Co. Whole house attic fan. 4,501,194, 2-26-85, Cl. 98-42.070.
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Brown, William J.: *See—*
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  Cantrell, Daniel V.; Bryant, Herman G., Jr.; Jones, Robert L.; Maccaferri, Marco A.; and McDaniel, William M., 4,503,869, Cl. 131-336.000.
  Cantrell, Daniel V.; and Sanford, Robert A., 4,506,683, Cl. 131-336.000.
  Cantrell, Daniel V.; and Sanford, Robert A., 4,515,170, Cl. 131-336.000.
  Cantrell, Daniel V.; and Halverstadt, Dale A., 4,540,005, Cl. 131-336.000.
  Cantrell, Daniel V.; and Johnson, Robert R., 4,542,754, Cl. 131-336.000.
  Gilbert, Jerry R.; Millikan, Robert C.; Wysowski, Charles H.; and Pyburn, John R., Jr., 4,515,518, Cl. 414-459.000.
  Gravely, Lawrence E.; Geiss, Vernon L.; and Gregory, Charles F., 4,556,073, Cl. 131-297.000.
  Gravely, Lawrence E.; Geiss, Vernon L.; and Gregory, Charles F., 4,557,280, Cl. 131-297.000.
  Heaney, Richard; and Naslund, Erik I., 4,517,046, Cl. 156-500.000.
  Heaney, Richard; and Reed, Steven P., 4,547,253, Cl. 156-553.000.
  Johnson, Robert R., 4,498,488, Cl. 131-336.000.
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  Korte, Kevin R.; and Snyder, Daniel D., 4,517,992, Cl. 131-304.000.
  Korte, Kevin R.; and Wu, Dan T., 4,528,994, Cl. 131-296.000.
  Korte, Kevin R.; and Falter, Richard D., 4,528,995, Cl. 131-304.000.
  Litzinger, Elmer F., Jr., 4,557,281, Cl. 131-336.000.
  Luke, John A., 4,527,572, Cl. 131-336.000.
  Luke, John A., 4,535,793, Cl. 131-336.000.
  Manecke, Kurt A., 4,514,180, Cl. 493-41.000.
  Naslund, Erik I.; and Reed, Steven P., 4,536,149, Cl. 425-394.000.
  Porenski, Harry S.; and Sullivan, James W., 4,527,570, Cl. 131-94.000.
  Porenski, Harry S., Jr., 4,493,331, Cl. 131-336.000.
  Reed, Steven P., 4,514,249, Cl. 156-553.000.
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  Riehl, Tilford F., Jr., 4,550,740, Cl. 131-336.000.
  Sullivan, James W.; and Lewis, Robert T., 4,497,276, Cl. 118-694.000.
  Vester, Rudolph P., 4,517,996, Cl. 131-339.000.
  Wu, Dan T.; and Korte, Kevin R., 4,494,556, Cl. 131-302.000.
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  Bloch, Ricardo; McCrary, Thomas J., Jr.; and Brownawell, Darrell W., 4,517,104, Cl. 252-51.50A.
  Chen, Frank J.; and Brownawell, Darrell W., 4,558,170, Cl. 585-532.000.
  Gutierrez, Antonio; Brownawell, Darrell W.; Walker, Thad O.; and Brois, Stanley J., 4,491,524, Cl. 252-8.50C.
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  Schetelich, Alan A.; Tunkel, Norman; and Brownawell, Darrell W., 4,502,970, Cl. 252-32.70E.
Brownbill, George A.; and Olsen, James E., to Koehring Company. Sectional valve having dual pressure relief. 4,561,463, 12-31-85, Cl. 137-596.130.
Brownbill, Thomas D., to Metal Box p.l.c. Mounting plastics members in openings in sheet metal members. 4,494,898, 1-22-85, Cl. 413-14.000.

Browne, Alan L., to General Motors Corporation. Vehicle windshield lubrication system. 4,531,607, 7-30-85, Cl. 180-282.000.

Browne, Edward M.: *See—*

  Tantillo, Donnie J.; Kratochvil, David F.; Moore, Robert G.; and Browne, Edward M., 4,519,052, Cl. 367-79.000.

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Browne, Leslie J., to Ciba-Geigy Corporation. Certain N-(pyridyl) indoles. 4,536,505, 8-20-85, Cl. 514-339.000.

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Brownell, Dean B.: *See—*

  Harland, Gary D.; and Brownell, Dean B., 4,517,144, Cl. 264-28.000.

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  Burnham, Charles A.; Bradshaw, John F., Jr.; Kaufman, David E.; Chesler, David A.; and Brownell, Gordon L., 4,531,058, Cl. 250-363.00S.

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Browning, George W.: *See—*

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Browning, Jess. Powder spray booth and interchangeable collectors. 4,545,324, 10-8-85, Cl. 118-634.000.

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  Tatton, James P.; and Brownlie, James, 4,501,447, Cl. 299-43.000.

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Broyles, Robert K., to Pathway Bellows, Inc. Leak indicating conduit. 4,511,162, 4-16-85, Cl. 285-93.000.

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  O'Connell, Daniel D.; and Broz, Thomas A., 4,504,602, Cl. 521-78.000.

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Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., to Goodyear Tire & Rubber Company, The. Method of comminuting elastomeric pellets. 4,535,941, 8-20-85, Cl. 241-21.000.

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Bruce, Charles W.; Kunkel, Kenneth E.; and Webb, Fred C., to United States of America, Army. Apparatus for measuring small values of air flow. 4,506,553, 3-26-85, Cl. 73-861.650.

Bruce, Daniel E.; and Esola, John L., to Rockwell International Corporation. Temperature compensated gas meters. 4,538,458, 9-3-85, Cl. 73-233.000.

Bruce, Duncan; and Conklin, Charles E., to Conklin Instrument Corporation. Data bridge with gating and/or testing. 4,538,033, 8-27-85, Cl. 179-175.000.

Bruce, George T. Apparatus and method for press forming. 4,494,393, 1-22-85, Cl. 72-57.000.

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Bruce, Robert M. Transaction numbering apparatus. 4,513,375, 4-23-85, Cl. 364-401.000.

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  Gigliotti, Michael F. X., Jr.; Yang, Swe-Wong; Jackson, Melvin R.; Bruch, Charles A.; and Nguyen-Dinh, Xuan, 4,522,664, Cl. 148-404.000.

Bruch, Helmut, to Siemens Aktiengesellschaft. Method for manufacturing a waveguide switch including the formation of beads or crimps to align a pair of optical fibers. 4,514,034, 4-30-85, Cl. 350-96.200.

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Bruchmuller, Hans-George, to Bosch-Siemens Hausgerate GmbH. Sensor for monitoring the deposition of frozen fog and/or ice on surfaces. 4,532,806, 8-6-85, Cl. 73-579.000.

Bruck, Stephen D., to Research Corporation. Rate-controlled drug release system. 4,559,054, 12-17-85, Cl. 604-892.000.

Brucker, John P. Desoldering device. 4,506,820, 3-26-85, Cl. 228-39.000.

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  Sommer, August; Brucker, Rainer; Heitmann, Wilhelm; and Wozny, Norbert, 4,541,897, Cl. 203-19.000.

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  Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, 4,547,834, Cl. 361-386.000.

Bruckert, Edward; Conroy, David; Ellison, Richard; and Minow, Martin, to Digital Equipment Corporation. Analog signal verification circuit. 4,552,992, 11-12-85, Cl. 178-69.00G.

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Bruckhoff, Wolfgang: *See—*

  Peter, Siegfried; Hartel, Georg; and Bruckhoff, Wolfgang, 4,543,193, Cl. 252-8.55B.

Bruckmann, Robert H.: *See—*

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  Gresens, Harry, 4,559,680, Cl. 26-74.000.

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Bruder, Alan H., to Polaroid Corporation. Method of making lithium batteries with laminar anodes. 4,502,903, 3-5-85, Cl. 156-153.000.

Bruder, Frank J., to Bentley, Arthur C. Exerciser with electrically controlled resistance. 4,518,163, 5-21-85, Cl. 272-132.000.

Bruder, Gerhard; and Pippinger, Horst, to Elba-Werk Maschinen-Gesellschaft mbH & Co. Mobile apparatus for mixing and loading concrete. 4,548,538, 10-22-85, Cl. 414-332.000.

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Bruderer, Werner; Brieger, Hans; and Hurlemann, Ernst, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Safety apparatus in externally powered firing weapon. 4,550,641, 11-5-85, Cl. 89-12.000.

Bruderle, Ernst; and Reindler, Albrecht, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Satellites and roll-/yaw controls therefor. 4,504,912, 3-12-85, Cl. 364-434.000.

Brudermanns, Karola: *See—*

  Waniczek, Helmut; Uerdingen, Walter; and Brudermanns, Karola, 4,533,728, Cl. 528-370.000.

Brudi Equipment, Inc.: *See—*

  Matthewson, Randall W.; Benefiel, Earl H.; and Brudi, Ronald A., 4,493,421, Cl. 211-13.000.

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Brueckner, Dietrich, to Ernst Leitz Wetzlar GmbH. Automatic focusing device for slide projectors. 4,494,839, 1-22-85, Cl. 353-101.000.

Brueggemann, Harry P., to Xerox Corporation. Scanner optics with no cross scan field curvature. 4,512,625, 4-23-85, Cl. 350-6.800.

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Brandsma, Johan R.; Bruekers, Alphons A. M. L.; and Kessels, Jozef L. W., 4,553,234, Cl. 370-86.000.

Bruel, Michel; Escaron, Jean; and Labartino, Joseph, to Commissariat a l'Energie Atomique. Target holder with mechanical scanning. 4,508,056, 4-2-85, Cl. 118-730.000.

Bruel, Michel; Floccari, Michel, deceased (by Floccari, Henriette, administratrix); and Michaud, Jean-Francois, to Commissariat a l'Energie Atomique. Apparatus for treating a sample by a pulsed electron beam. 4,527,044, 7-2-85, Cl. 219-121.0EB.

Bruel, Michel, to Commissariat a l'Energie Atomique. Process and apparatus for obtaining beams of particles with a spatially modulated density. 4,536,657, 8-20-85, Cl. 250-492.200.

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Bruene, Warren B., to Rockwell International Corporation. Method for reducing side-lobe energy in an MSK detectable signal. 4,516,087, 5-7-85, Cl. 332-17.000.

Bruensicke, Wilhelm A., to Lockheed Corporation. Emergency smoke disposal system for pressurized aircraft. 4,552,325, 11-12-85, Cl. 244-118.500.

Bruere, Alain E.: *See—*

Chatanier, Michel J.; Portat, Michel J.; and Bruere, Alain E., 4,546,310, Cl. 324-52.000.

Brueske, Ralph H., to Butler Manufacturing Company. Safety reinforced roof insulation. 4,557,092, 12-10-85, Cl. 52-404.000.

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Bruggemann, Ulrich: *See—*

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Ashman, Arthur; and Bruins, Paul F., 4,535,485, Cl. 623-16.000.

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Bruinsma, Hans; Hollander, Frans; Huisman, Rein L.; and Reinen, Adrianus G., to Estel Hoogovens B.V. Process for reducing the width of a flat metal product by rolling. 4,532,789, 8-6-85, Cl. 72-202.000.

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Post, Hans; and Ratzel, Dieter, 4,535,290, Cl. 324-309.000.

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Brule, Gerard; Roger, Loic; Fauquant, Jacques; and Piot, Michel, to Institut National de la Recherche Agronomique. Phosphopeptides from casein-based material. 4,495,176, 1-22-85, Cl. 424-128.000.

Brule, James E.; O'Neill, James K.; and Palmer, David N., to Combustion Engineering, Inc. Electrode material. 4,497,726, 2-5-85, Cl. 252-182.100.

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Brull, John J.; and Carnahan, Michael T., to AGA Aktiebolag. Cryogen shot blast deflashing system with jointed supply conduit. 4,519,812, 5-28-85, Cl. 51-422.000.

Brumbaugh, Donald L.: *See—*

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Brumfield, David L., to Richards Medical Company. Bone fixation frame. 4,554,915, 11-26-85, Cl. 128-92.00A.

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Brummel, Arthur D.: *See—*

Fehrenkamp, William; Pater, Arnold R.; and Brummel, Arthur D., 4,551,824, Cl. 367-76.000.

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Hartke, Charles A.; and Brummer. Francis A., 4,505,227, Cl. 119-52.00R.

Brun, Alain M.; Marcotte, Louis; and Mellul, Myriam, to L'Oreal. Cell for the measurement of the dielectric constant of viscous or pasty substances. 4,546,312, 10-8-85, Cl. 324-61.00P.

Brun, Charles, to Union Siderurgique du Nord et de l'Est de la France (USINOR). Process and installation for continuous manufacturing of an old (over-aged) steel band having a coating of ZN, Al or ZN-Al alloy. 4,530,858, 7-23-85, Cl. 427-320.000.

Brun, Claude; Cheux, Auguste; and Pelletier, Robert, to Atochem. Process for the preparation of an active solid hydrocarbon which can be used to polymerize olefines, and a process for the synthesis of an olefinic polymer or copolymer using the said active hydrocarbon as a catalytic system. 4,558,023, 12-10-85, Cl. 502-108.000.

Brun, Claude: *See—*

Lacombe, Jean-Loup; and Brun, Claude, 4,536,484, Cl. 502-62.000.

Brun, Marcel; Perret, Andre; and Cailleux, Claude, to Aluminium Pechiney. Apparatus for separating electrolysis bath residues on precalcined anodes. 4,512,695, 4-23-85, Cl. 409-134.000.

Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., to General Electric Company. Microcomposite of metal boride and ceramic particles. 4,512,946, 4-23-85, Cl. 264-332.000.

Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., to General Electric Company. Microcomposite of metal carbide and ceramic particles. 4,515,746, 5-7-85, Cl. 264-332.000.

Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., to General Electric Company. Microcomposite of metal carbide and ceramic particles. 4,539,141, 9-3-85, Cl. 252-516.000.

Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., to General Electric Company. Microcomposite of metal boride and ceramic particles. 4,539,299, 9-3-85, Cl. 501-96.000.

Brun, Norbert: *See—*

Cibie, Pierre; Fratty, Hector; and Brun, Norbert, 4,530,042, Cl. 362-309.000.

Brun, Philip L.; and Bright, Stephen A., to Electra Form, Inc. Injection molding machine. 4,497,624, 2-5-85, Cl. 425-548.000.

Bruncati, Robert L.: *See—*

Frankenfeld, John W.; and Bruncati, Robert L., 4,532,027, Cl. 208-255.000.

Brundage, David J., to Champion International Corporation. Blank for heavy duty paperboard vegetable carton. 4,529,117, 7-16-85, Cl. 229-27.000.

Brundage, Richard B.: *See—*

Butkiewicz, Joseph M.; Brundage, Richard B.; and Rawlins, Dal M., 4,491,047, Cl. 83-817.000.

Brundage, Robert W.; and Swatty, Gene. Solenoid controlled flow valve. 4,553,732, 11-19-85, Cl. 251-30.010.

Brundage, Robert W. Solenoid controlled valve. 4,553,735, 11-19-85, Cl. 251-129.160.

Brundin, Jan-Olof, to Medline AB. Occlusion of body channels. 4,509,504, 4-9-85, Cl. 128-1.00R.

Brune, John F., to United States of America, Army. Aircraft shorted loop antenna with impedance matching and amplification at feed point. 4,510,500, 4-9-85, Cl. 343-708.000.

Bruneau, Alain, to Alpia S.A. Drawing board locking device. 4,557,450, 12-10-85, Cl. 248-162.100.

Brunell, Jack W.; and Stein, Robert W., to General Motors Corporation. Secondary reservoir for a fuel tank. 4,546,750, 10-15-85, Cl. 123-514.000.

Brunelle, Daniel J., to General Electric Company. Titanium chelate catalyst. 4,507,246, 3-26-85, Cl. 260-429.500.

Brunelle, Daniel J.; and Singleton, Daniel A., to General Electric Company. Method for making aromatic ethers using diorganoamino pyridinum salt catalyst. 4,513,141, 4-23-85, Cl. 548-476.000.

Brunelle, Jean-Pierre: *See—*

Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, 4,492,769, Cl. 502-262.000.

Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, 4,492,770, Cl. 502-304.000.

Brunelle, Rene J.: *See—*

Brennan, Edward J.; Long, William A.; and Brunelle, Rene J., 4,526,421, Cl. 297-232.000.

Brunelli, Timothy A.: *See—*

Cheresnowsky, Michael J.; Brunelli, Timothy A.; Munn, Robin W.; and Kim, Tai K., 4,525,331, Cl. 423-54.000.

Brunello, Alain M.; and Catani, Guy G., to Societe Nationale Industrielle et Aerospatiale. Firing control system for a direct firing weapon mounted on a rotary-wing aircraft. 4,528,891, 7-16-85, Cl. 89-41.210.

Bruner, Jeffrey W.; Davis, Delbert A.; and Leach, Jack, to Burlington Industries, Inc. Weft inserted warp knit construction. 4,535,015, 8-13-85, Cl. 428-44.000.

Bruner, Ronald F. Phase modulation, ultrasonic flowmeter. 4,528,857, 7-16-85, Cl. 73-861.180.

Brunet, Jean-Louis. Medical syringe. 4,553,962, 11-19-85, Cl. 604-198.000.

Brunet, Maurice, to Societe Europeenne de Propulsion. Magnetic suspension device of a rotor placed in a sealed enclosure. 4,500,142, 2-19-85, Cl. 308-10.000.

Brunet, Maurice: *See—*

Habermann, Helmut; and Brunet, Maurice, 4,561,313, Cl. 73-862.070.

Brunet, Michel, to Sandoz Ltd. Adapter device for spraying the content of a sectile ampule. 4,526,302, 7-2-85, Cl. 222-321.000.

Bruney, Paul F., to Sci-Coustics, Inc. Apparatus and method for enhanced psychoacoustic imagery using asymmetric cross-channel feed. 4,495,637, 1-22-85, Cl. 381-1.000.

Bruni, Aldo: *See—*

Bertini, Carlo; and Bruni, Aldo, 4,549,780, Cl. 339-107.000.

Bruni, Ludovico, to Associated Engineering Italy S.p.A. Piston shaping. 4,515,003, 5-7-85, Cl. 72-370.000.

Brunin, Armand; and D'Hervilly, Guy, to International Business Machines Corporation. Method and network for improving transmission of data signals between integrated circuit chips. 4,495,626, 1-22-85, Cl. 375-19.000.

Bruning, Donald D., to Phillips Petroleum Company. Selective plugging of highly permeable subterranean strata by in situ gelation of polymer solutions. 4,498,539, 2-12-85, Cl. 166-294.000.

Bruning, John W.; and Fuller, Stephen C., to Tektronix, Inc. Ink jet printer purging device and process. 4,542,390, 9-17-85, Cl. 346-140.00R.

Bruning, Rolf; and Roth, Jurgen, to Heraeus Quarzschmelze GmbH. Method and apparatus for the decomposition of specimens of solid organic substances. 4,499,191, 2-12-85, Cl. 436-160.000.

Brunion, Hans-Georg; Hiemenz, Christian; Heuser, Hans; and Radisch, Helmer, to Saint-Gobain Vitrage. Flexible, transparent pane for use as a window. 4,540,622, 9-10-85, Cl. 428-216.000.

Brunje, Horst: *See—*

Jannemann, Theo; and Brunje, Horst, 4,557,220, Cl. 122-20.00B.

Brunke, Ernst-Joachim, to Dragoco Gerberding & Co. GmbH. Use of 1,5-dimethyl-8-hydroximino-bicyclo[3.2.1]octane as perfuming ingredient. 4,502,985, 3-5-85, Cl. 252-522.00R.

Brunn, Horst; Hund, Franz; Rambold, Wolfgang; Kresse, Peter; and von Szadkowski, Gerd, to Bayer Aktiengesellschaft. Corrosion-inhibiting paints and lacquers. 4,492,600, 1-8-85, Cl. 106-14.340.

Brunn, Oswald. Device for the connection of two struts by inserting a support between and vertically to them. 4,496,260, 1-29-85, Cl. 403-189.000.

Brunn, Oswald. Davenport convertible to a double bed or a single bed. 4,521,927, 6-11-85, Cl. 5-37.00R.

Brunner, Alfred, to Sulzer Brothers Limited. Means for suspending pipework. 4,516,750, 5-14-85, Cl. 248-58.000.

Brunner, Anton, to Siemens Aktiengesellschaft. Antenna system for a jamming transmitter. 4,529,990, 7-16-85, Cl. 343-761.000.

Brunner, Arthur: *See—*

Ernst, Alfons; and Brunner, Arthur, 4,512,184, Cl. 73-116.000.

Brunner, Engelbert, to J. S. Staedtler KG. Automatic lead advancing mechanism for a mechanical pencil. 4,538,934, 9-3-85, Cl. 401-53.000.

Brunner, Ernst, to TIBA AG Kochherdfabrik und Apparatebau. Combustion chamber for solid fuels. 4.537,141, 8-27-85, Cl. 110-300.000.

Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, to Kraftwerk Union Aktiengesellschaft. Plant for extracting crude oil from oil shale. 4,502,919, 3-5-85, Cl. 196-14.520.

Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, to Kraftwerk Union Aktiengesellschaft. Method of extracting hydrocarbons from oil-containing rock or sand through hydrogenating low temperature carbonization. 4,505,808, 3-19-85, Cl. 208-11.00R.

Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, to Kraftwerk Union Aktiengesellschaft. Process and apparatus for extracting hydrocarbons from oil shale. 4,505,809, 3-19-85, Cl. 208-11.00R.

Brunner, Gerd: *See—*

Siegfried, Peter; Brunner, Gerd; and Stutzer, Dieter, 4,559,133, Cl. 208-177.000.

Brunner, Hans-Georg; Schurter, Rolf; and Szczepanski, Henry, to Ciba-Geigy Corporation. Certain pyridylacetylene compounds, compositions containing same and herbicidal methods of use. 4,508,560, 4-2-85, Cl. 71-94.000.

Brunner, Hans-Georg: *See—*

Burdeska, Kurt; Kabas, Guglielmo, deceased; Brunner, Hans-Georg; and Fory, Werner, 4,493,726, Cl. 71-87.000.

Brunner, Hubert: *See—*

Pertzsch, Albert; Liepold, August; Brunner, Hubert; and Zeroni, Ludwig, 4,527,691, Cl. 206-387.000.

Brunner, Josef: *See—*

Rock, Erich; and Brunner, Josef, 4,494,803, Cl. 308-3.800.

Rock, Erich; and Brunner, Josef, 4,530,547, Cl. 308-3.800.

Rock, Erich; and Brunner, Josef, 4,556,205, Cl. 269-2.000.

Rock, Erich; and Brunner, Josef, 4,558,908, Cl. 308-3.800.

Brunner, Paul; and Hofer, Beat, to Vereinigte Drahtwerke AG. Method of forming a hard surface layer on a metal component. 4,511,411, 4-16-85, Cl. 148-20.300.

Brunner, Peter: *See—*

Post, Hans; Ratzel, Dieter; and Brunner, Peter, 4,558,277, Cl. 324-309.000.

Brunner, Reinhold: *See—*

Bromme, Irmfried; Brunner, Reinhold; and Reimer, Heinz, 4,511,993, Cl. 364-900.000.

Brunner, Rudolf, to Heilmeier & Weinlein Fabrik fur Oel-Hydraulik GmbH & Co. KG. Flow divider. 4,495,961, 1-29-85, Cl. 137-101.000.

Brunner, Rudolf, to Heilmeir & Weinlein Fabrik fur Oel-Hydraulik GmbH & Co. KG. Flow valve. 4,503,882, 3-12-85, Cl. 137-454.500.

Brunner, Rudolf, to Heilmeier & Weinlein Fabrik fur Oel-Hydraulik GmbH & Co. KG. Control valve device. 4,532,960, 8-6-85, Cl. 137-596.130.

Brunner, Rudolf, to Die Heilmeier & Weinlein Fabrik fur Oel-Hydraulik GmbH & Co. KG. Control valve with piston compensated by discharge pressure. 4,557,294, 12-10-85, Cl. 137-625.680.

Brunninger, Manfred: *See—*

Theurer, Josef; and Brunninger, Manfred, 4,502,389, Cl. 104-2.000.

Theurer, Josef; and Brunninger, Manfred, 4,534,415, Cl. 171-16.000.

Theurer, Josef; and Brunninger, Manfred, 4,538,687, Cl. 171-16.000.

Theurer, Josef; and Brunninger, Manfred, 4,556,112, Cl. 171-16.000.

Brunnmueller, Friedrich: *See—*

Weberndoerfer, Volkmar; Brunnmueller, Friedrich; Eisert, Manfred; and Bermes, Rudolf, 4,560,745, Cl. 534-728.000.

Brunnmueller, Fritz; and Kroener, Michael, to BASF Aktiengesellschaft. α-iminodiacetonitriles and their preparation. 4,543,215, 9-24-85, Cl. 260-465.50R.

Brunnmueller, Fritz; and Kroener, Michael, to BASF Aktiengesellschaft. 2-aminopyrazines and the preparation of 2-aminopyrazines and pyrazines. 4,560,756, 12-24-85, Cl. 544-408.000.

Brunnschweiler, David, to Haigh Chadwick Limited. Cyclically weighing bulk solid material. 4,552,235, 11-12-85, Cl. 177-1.000.

Bruno, Caminiti. Last with device for aperture adjustment as required and shield element for last adaptability to right and left shoes. 4,512,052, 4-23-85, Cl. 12-116.200.

Bruno, Carlo L., to Alisyncro S.p.A. System for regulating the feed of articles to a wrapping machine. 4,514,963, 5-7-85, Cl. 53-493.000.

Bruno, David J., Jr.; Dodds, Michael J.; Fuqua, Debra L.; and Hunter, John E., to Procter & Gamble Company, The. Textured protein tomato sauce products. 4,560,564, 12-24-85, Cl. 426-250.000.

Bruno, Edward C. Bag for packaged produce. 4,503,561, 3-5-85, Cl. 383-102.000.

Bruno, Graziella, to Media Research s.r.l. Derivatives of benzoic acid. 4,511,577, 4-16-85, Cl. 514-448.000.

Bruno, John J.: *See—*

Jones, Gordon H.; Venuti, Michael C.; Alvarez, Robert; and Bruno, John J., 4,551,459, Cl. 514-267.000.

Bruno, Michael R. Jig for framed wooden panels. 4,541,618, 9-17-85, Cl. 269-41.000.

Bruno Richter GmbH: *See—*

Richter, Bruno; and Brand, Bernhard, 4,492,473, Cl. 356-386.000.

Bruno, Roberto; and Memmi, Massimo, to Zincroksid S.p.A. Process of making long-life thin metal plate for automobile bodies, and thin plate made thereby. 4,495,008, 1-22-85, Cl. 148-31.500.

Bruno, Roberto; and Memmi, Massimo, to Zincroksid S.p.A. Galvanized steel sheet protected by chromium and chromium oxide layers. 4,511,633, 4-16-85, Cl. 428-666.000.

Bruno, Roberto; and Memmi, Massimo, to Zincroksid S.p.A. Process for the production of galvanized steel sheet protected by chromium and chromium oxide layers. 4,547,268, 10-15-85, Cl. 204-28.000.

Bruns, Angelika: *See—*

Harms, Margret; Bruns, Angelika; Luthje, Holger; and Matthiessen, Bernd, 4,555,460, Cl. 430-5.000.

Bruns, Engelbert; and Osterholt, Gerd, to Carl Still GmbH & Co. KG, Firma. Gas collecting hood for collecting emissions during coke discharge operations. 4,555,308, 11-26-85, Cl. 202-263.000.

Bruns, Engelbert; and Lucas, August, to Carl Still GmbH & Co. KG, Firma. Sealing arrangement at coke oven chambers. 4,556,459, 12-3-85, Cl. 202-263.000.

Bruns, Engelbert: *See—*

Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, 4,521,279, Cl. 202-227.000.

Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, 4,559,107, Cl. 201-39.000.

Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,508,596, Cl. 202-227.000.

Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,556,455, Cl. 201-39.000.

Bruns, Klaus; and Dang, Thuy N., to Henkel Kommanditgesellschaft auf Aktien. 2,4-dioxa-7,10-methano-spiro [5,5] undecanes and their use in perfumery compositions. 4,528,126, 7-9-85, Cl. 252-522.00R.

Bruns, Klaus; and Weber, Ursula, to Henkel Kommanditgesellschaft auf Aktien. Trimethylbicyclo [4.3.0] non-1-ene derivatives. 4,555,359, 11-26-85, Cl. 252-522.00R.

- Bruns, Klaus: *See—*
  - Upadek, Horst; and Bruns, Klaus, 4,545,930, Cl. 252-522.00R.
- Bruns, Romaine R.; and Gross, Jerome, to Massachusetts General Hospital. Transparent non-fibrilized collagen material by ultracentrifugation. 4,505,855, 3-19-85, Cl. 260-123.700.
- Brunsch, Arwed; Ruh, Wolf-Dieter; and Trippel, Gerhard, to International Business Machines Corporation. Method of measuring the thickness of the removed layer in subtractive workpiece processing. 4,512,847, 4-23-85, Cl. 156-626.000.
- Brunsgaard, Hans O.: *See—*
  - Jensen, Niels D.; and Brunsgaard, Hans O., 4,507,583, Cl. 310-338.000.
- Brunsicke, Wilhelm A., to Lockheed Corporation. Fire suppression system. 4,531,588, 7-30-85, Cl. 169-9.000.
- Brunson, Amber N., to Brunson Instrument Company. Three dimension target. 4,527,339, 7-9-85, Cl. 33-293.000.
- Brunson, Amber N.; Brunson, Deighton E.; and Ray, Walter W., Jr., to Brunson Instrument Company. Multiple sensor inclination measuring system. 4,549,277, 10-22-85, Cl. 364-559.000.
- Brunson, David T., to Dresser Industries, Inc. Rotary cutter drill bit with permanent snap ring cutter retention. 4,511,008, 4-16-85, Cl. 175-369.000.
- Brunson, Deighton E.: *See—*
  - Brunson, Amber N.; Brunson, Deighton E.; and Ray, Walter W., Jr., 4,549,277, Cl. 364-559.000.
- Brunson Instrument Company: *See—*
  - Brunson, Amber N., 4,527,339, Cl. 33-293.000.
  - Brunson, Amber N.; Brunson, Deighton E.; and Ray, Walter W., Jr., 4,549,277, Cl. 364-559.000.
- Brunson, Welton K.: *See—*
  - Hubbard, Vance M.; and Brunson, Welton K., 4,523,353, Cl. 24-30.50R.
- Brunsting, Albert; and Hogg, Walter R., to Coulter Electronics, Inc. Radiant energy reradiating flow cell system and method. 4,523,841, 6-18-85, Cl. 356-73.000.
- Brunswick Corporation: *See—*
  - Amos, Homer C.; Benedyk, Joseph C.; Scheie, Carl E.; and McGlove, William R., 4,511,148, Cl. 273-326.000.
  - Baumhardt, Robert J., 4,549,507, Cl. 123-59.00B.
  - Bibow, Lawrence C., 4,526,002, Cl. 60-293.000.
  - Boda, James C., 4,496,326, Cl. 440-62.000.
  - Boda, James C., 4,499,780, Cl. 74-107.000.
  - Councilman, Richard R., 4,491,285, Cl. 242-84.21R.
  - Councilman, Richard R.; Swisher, Steven L.; and Carpenter, Robert L., 4,509,705, Cl. 242-84.21R.
  - Councilman, Richard R., 4,545,545, Cl. 242-84.50R.
  - Councilman, Richard R., 4,548,367, Cl. 242-84.51R.
  - Councilman, Richard R., 4,549,702, Cl. 242-84.51A.
  - de Winter, Dirk M., 4,515,606, Cl. 55-159.000.
  - Draxler, James R.; and Snyder, Richard H., 4,539,452, Cl. 200-334.000.
  - Erickson, Arnold R.; Panzera, Carlino; and Tolokan, Robert P., 4,530,884, Cl. 428-608.000.
  - Hlava, Lorens G., 4,535,561, Cl. 43-22.000.
  - Hundertmark, James M., 4,512,292, Cl. 123-65.00B.
  - Johnson, Richard H.; and Muma, George A., 4,550,467, Cl. 15-228.000.
  - Karls, Michael A., 4,540,009, Cl. 134-167.00R.
  - Kreft, John R.; and Moss, Elvis W., 4,496,115, Cl. 242-84.10R.
  - Maheshwari, Mahendra, 4,494,165, Cl. 361-117.000.
  - McCormick, Daniel F., 4,530,667, Cl. 440-75.000.
  - McCormick, Daniel F., 4,560,355, Cl. 440-86.000.
  - Moss, Elvis W., 4,492,347, Cl. 242-84.20R.
  - Neisen, Gerald F., 4,504,238, Cl. 440-89.000.
  - Neisen, Gerald F., 4,557,695, Cl. 440-53.000.
  - Neisen, Gerald F., 4,558,769, Cl. 192-3.310.
  - Petersen, Oscar J.; Barton, Ross J.; Dalke, Jack E.; Sheffield, Gerald W.; and Towle, Theodore, 4,537,384, Cl. 251-83.000.
  - Slattery, Gordon C., 4,509,472, Cl. 123-179.00G.
  - Slattery, Gordon C., 4,528,954, Cl. 123-413.000.
  - Slattery, Gordon C., 4,534,333, Cl. 123-545.000.
  - Slattery, Gordon C., 4,534,739, Cl. 440-84.000.
  - Slattery, Gordon C., 4,548,587, Cl. 440-86.000.
  - Staerzl, Richard E., 4,492,877, Cl. 307-95.000.
  - Staerzl, Richard E., 4,523,572, Cl. 123-494.000.
  - Staerzl, Richard E., 4,528,460, Cl. 307-95.000.
  - Staerzl, Richard E., 4,532,903, Cl. 123-436.000.
  - Swisher, Steven L., 4,522,347, Cl. 242-84.50A.
  - Swisher, Steven L., 4,523,726, Cl. 242-84.20R.
  - Zemlicka, Alvin R., 4,498,876, Cl. 440-89.000.
- Brunswick, Robert, to Wrightcel Limited. Liquid filling apparatus. 4,519,184, 5-28-85, Cl. 53-503.000.
- Brunswick, Robert: *See—*
  - Donaldson, John H.; Brunswick, Robert; and Foulkes, Andrew J., 4,552,559, Cl. 604-198.000.
- Brunton Company, The: *See—*
  - Kramer, Melvin G., 4,542,464, Cl. 364-457.000.
- Brusasca, Gianfranco; and Garzulano, Franco, to Rockwell-Rimoldi S.p.A. Stitch interrupting device for sewing machines. 4,513,673, 4-30-85, Cl. 112-166.000.
- Brusch, Josef: *See—*
  - Hanni, Manfred; and Brusch, Josef, 4,514,852, Cl. 375-1.000.
  - Hanni, Manfred; and Brusch, Josef, 4,550,222, Cl. 179-1.50R.
- Bruschi, Roberto: *See—*
  - Berti, Alfredo; Mussati, Werther; and Bruschi, Roberto, 4,560,188, Cl. 285-47.000.
- Bruschtein, Fabio B.; Jahn, Robert G.; and Wittbrodt, Edwin L., to Dow Chemical Company, The. Structured latex particles which are film forming and a process for their preparation. 4,537,916, 8-27-85, Cl. 523-201.000.
- Bruseghini, Leonida: *See—*
  - Ribalta, Jose Miguel B.; Bruseghini, Leonida; Casadio, Silvano; and Iniesta, Jorge P., 4,495,199, Cl. 514-467.000.
- Brusen, Karl R., to Motorola, Inc. Diversity signal strength indicator and site selection apparatus for using same. 4,531,235, 7-23-85, Cl. 455-273.000.
- Brush, Robert W., Jr.; and Waghorn, Robert D., to Allied Corporation. Method for electrical connection to the center conductor of an insulated wire. 4,561,179, 12-31-85, Cl. 29-866.000.
- Brush, Robert W., Sr.; Luca, Vincent A., Jr.; and Shepler, Eric F., to Allied Corporation. Anti-decoupling device for an electrical connector. 4,502,748, 3-5-85, Cl. 339-89.00M.
- Brush, Robert W., Sr.; and Werth, Dee A., to Allied Corporation. Electrical connector assembly having an anti-decoupling device. 4,508,406, 4-2-85, Cl. 339-89.00M.
- Brush, Robert W., Sr.; and Shepler, Eric F., to Allied Corporation. Connector assembly having an anti-decoupling mechanism. 4,519,661, 5-28-85, Cl. 339-89.00M.
- Brush, Robert W., Sr.: *See—*
  - Schildkraut, Alan L.; and Brush, Robert W., Sr., 4,525,017, Cl. 339-89.00M.
- Brush Wellman Inc.: *See—*
  - Church, Nathan L.; Cribb, W. Raymond; and Harkness, John C., 4,551,187, Cl. 148-411.000.
- Brusis, Otto; Maiter, Sigurd; and Haufe, Paul. Circuit arrangement for the production of a quasi-electrostatic field. 4,517,621, 5-14-85, Cl. 361-231.000.
- Bruske, Heinz-Dieter: *See—*
  - Kwasnik, Hans-Jurgen; Piduch, Hans-Gunter; and Bruske, Heinz-Dieter, 4,515,660, Cl. 202-241.000.
- Bruso, Loran H., to Warner-Lambert Company. Instrument protector. 4,506,787, 3-26-85, Cl. 206-363.000.
- Brussee, Richard C.; and Dowd, Robert E., Jr., to Wm. Neundorfer & Co., Inc. Discharge electrode assembly for electrostatic precipitators. 4,514,780, 4-30-85, Cl. 361-226.000.
- Brust, David P., to Eastman Kodak Company. Use of reflecting agent in yellow dye image-providing material layer. 4,542,087, 9-17-85, Cl. 430-220.000.
- Brust, David P.; Neumann, Stephen M.; and Weissberger, Edward, to Eastman Kodak Company. Sequestrants used in diffusion transfer elements with metallizable dyes. 4,551,411, 11-5-85, Cl. 430-216.000.
- Brust, John E. Filter apparatus. 4,522,717, 6-11-85, Cl. 210-238.000.
- Brust, John E. Sealing system. 4,535,997, 8-20-85, Cl. 277-102.000.
- Brustad, Wayne L.: *See—*
  - Sweeny, Norman P.; Relyea, Keith E.; and Brustad, Wayne L., 4,493,869, Cl. 428-201.000.
- Brustle, Klaus: *See—*
  - Rock, Erich; and Brustle, Klaus, 4,536,917, Cl. 16-288.000.
  - Rock, Erich; and Brustle, Klaus, 4,543,686, Cl. 16-288.000.
  - Rock, Erich; and Brustle, Klaus, 4,551,883, Cl. 16-370.000.
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- Brustle, Walter, to Siemens Aktiengesellschaft. Electric roll-type capacitor. 4,495,544, 1-22-85, Cl. 361-323.000.
- Bruton, Billy R., to Axelson, Inc. Heat sensitive fire safe valve energy assist device. 4,505,291, 3-19-85, Cl. 137-77.000.
- Bruton, Gordon: *See—*
  - Stirling, Irene; Bruton, Gordon; Calvert, Stephen H.; and Clarke, Brian P., 4,524,073, Cl. 514-80.000.
- Brutsman, James W. Drain apparatus. 4,515,188, 5-7-85, Cl. 141-1.000.
- Brutsman, James W., to AMF Incorporated. Trash compactor system. 4,552,061, 11-12-85, Cl. 100-53.000.
- Bruttel, Beat; and Pfenninger, Heinz, to Ciba-Geigy Corporation. Process for the preparation of concentrated fluid dye compositions. 4,500,321, 2-19-85, Cl. 8-527.000.
- Bruttel, Beat; Schneider, Hansjorg; and Dorfel, Werner H., to Ciba-Geigy Corporation. Process for producing granulates of water-soluble dyes by fluidized bed granulation. 4,560,747, 12-24-85, Cl. 534-887.000.
- Bruttel, Beat: *See—*
  - Pfenninger, Heinz; and Bruttel, Beat, 4,559,144, Cl. 210-638.000.
  - Preiswerk, Werner; and Bruttel, Beat, 4,548,610, Cl. 8-101.000.
  - Preiswerk, Werner; and Bruttel, Beat, 4,552,562, Cl. 8-101.000.
- Bruvier, Hugues: *See—*
  - Beutier, Didier; Bruvier, Hugues; and Palvadeau, Claude, 4,548,793, Cl. 423-92.000.
- Bruyere, Alain: *See—*
  - Bompard, Bruno P.; and Bruyere, Alain, 4,536,930, Cl. 29-33.00K.
- Bruyere, Michel: *See—*
  - Delor, Michel; and Bruyere, Michel, 4,555,382, Cl. 376-216.000.
- Bruyndonckx, Jan J.; and Bosschaerts, Jacobus H., to AGFA-GEVAERT N.V. Xerographic copying apparatus. 4,519,696, 5-28-85, Cl. 355-14.00D.
- Bruynes, Cornelis A.; and Jurriens, Theodorus K., to Gist-Brocades N.V. Preparation of thioethers. 4,496,720, 1-29-85, Cl. 544-29.000.
- Bruza, Kenneth J., to Dow Chemical Company, The. Bis((aryl)vinyl)-benzenes. 4,529,556, 7-16-85, Cl. 260-465.00K.
- Bruzzese, Tiberio; Dell'Acqua, Ernani; and Van Den Heuvel, Holger H., to SPA Societa Prodotti Antibiotici S.p.A. Rifamycins derivatives and preparation and pharmaceutical compositions thereof. 4,562,203, 12-31-85, Cl. 514-468.000.

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Breuer, Hans; Rindelaub, Frank; and Velebil, Gerhard, 4,504,394, Cl. 210-632.000.
Bryan, Darold R.; and Porter, George Z., to Boeing Company, The. Marine surface debris deflector. 4,535,717, 8-20-85, Cl. 114-230.000.
Bryan, Henry H. Closure for a surface opening having an object passing therethrough and method of forming the closure. 4,548,853, 10-22-85, Cl. 428-131.000.
Bryan, Horace. Electrode apparatus. 4,509,535, 4-9-85, Cl. 128-798.000.
Bryan, Larry E.; Grove, Richard W.; and Primus, William F., to Marathon Oil Company. Method and apparatus for replacing bearings. 4,525,914, 7-2-85, Cl. 29-402.080.
Bryan, Lawrence E., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Transport medium for micro-organisms. 4,529,702, 7-16-85, Cl. 435-253.000.
Bryan, Virginia M.: *See—*
Parks, David R.; Bryan, Virginia M.; and Herzenberg, Leonard A., 4,510,244, Cl. 435-172.200.
Bryand, Edward T.; and Randall, Kenneth R., to Honeycomb Systems, Inc. Honeycomb grilled conduit. 4,542,596, 9-24-85, Cl. 34-115.000.
Bryans, Alexander C.: *See—*
Blair, Lawrence W.; and Bryans, Alexander C., 4,502,837, Cl. 415-198.100.
Bryans, Lawrence G.; Goudey, Kenneth R.; and Nickerson, William F., to Ford Aerospace & Communications Corporation. Offset microwave feed horn for producing focused beam having reduced sidelobe radiation. 4,521,783, 6-4-85, Cl. 343-781.00R.
Bryant, Anthony J.: *See—*
Bennett, Walter; Ablewhite, John H.; and Bryant, Anthony J., 4,495,001, Cl. 148-11.50A.
Bryant, Clifford A.: *See—*
Pacifici, Joseph A.; and Bryant, Clifford A., 4,500,039, Cl. 239-193.000.
Bryant, David R.: *See—*
Abatjoglou, Anthony G.; and Bryant, David R., 4,491,675, Cl. 568-454.000.
Abatjoglou, Anthony G.; and Bryant, David R., 4,518,805, Cl. 568-444.000.
Bryant, Frank R.: *See—*
Ackmann, Paul W.; and Bryant, Frank R., 4,508,815, Cl. 430-314.000.
Bryant, George E., to W. R. Grace & Co. Method of securing an insulation member to a wall or wall-stud assembly. 4,545,103, 10-8-85, Cl. 29-432.000.
Bryant, George M.: *See—*
Walter, Andrew T.; Bryant, George M.; and Readshaw, Ronald L., 4,562,097, Cl. 427-209.000.
Bryant, Gordon H., to United States of America, Army. Electrolytic pressure transduction system. 4,561,450, 12-31-85, Cl. 128-780.000.
Bryant, Greyham F.; Spooner, Peter D.; and Pearson, William K. J., to British Aluminium Company plc, The. Method of controlling a stand for rolling strip material. 4,537,050, 8-27-85, Cl. 72-8.000.
Bryant, Herman G., Jr.: *See—*
Cantrell, Daniel V.; Bryant, Herman G., Jr.; Jones, Robert L.; Maccaferri, Marco A.; and McDaniel, William M., 4,503,869, Cl. 131-336.000.
Bryant, Jack A. Fail-safe monitoring system. 4,540,886, 9-10-85, Cl. 250-554.000.
Bryant, Jeffrey A.: *See—*
Cushenbery, Terry E.; and Bryant, Jeffrey A., 4,532,837, Cl. 82-4.00C.
Bryant-Jeffries, Keith C.; Dickie, Hugh G.; and Vaughan, Eric V., to International Business Machines Corporation. Rotor for a dynamoelectric machine and method of making same. 4,553,320, 11-19-85, Cl. 29-598.000.
Bryant, Jimmy R.; Mertens, Waldemar W.; and Kenny, Frances A., to Emerson Electric Co. Dual terminal for dynamoelectric machine starting switch. 4,504,710, 3-12-85, Cl. 200-80.00R.
Bryant, John H.; and Schultz, Steven M., to Bryant, John H. True ground speed sensor. 4,517,566, 5-14-85, Cl. 343-8.000.
Bryant, Marga M.: *See—*
Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,552,553, Cl. 604-9.000.
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Bryant & May Limited: *See—*
Lanham, Albert F.; Cox, Michael G. C.; and Etheridge, Richard H., 4,540,419, Cl. 44-42.000.
Bryant, Robert J., to Sterling Drug Inc. Process for substitution of aromatic organic compounds. 4,495,353, 1-22-85, Cl. 546-178.000.
Bryant, Sharon A.: *See—*
Brown, Karen K.; and Bryant, Sharon A., 4,529,581, Cl. 424-9.000.
Brown, Karen K.; and Bryant, Sharon A., 4,529,582, Cl. 424-9.000.
Bryant, Stewart F., to U.S. Philips Corporation. Signal transmission system. 4,553,250, 11-12-85, Cl. 375-34.000.
Bryant, William E., to Sanders Associates, Inc. Apparatus and method for channel identification. 4,555,807, 11-26-85, Cl. 455-137.000.
Bryce, William D., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Silencer for high velocity gas flow. 4,537,277, 8-27-85, Cl. 181-214.000.
Bryce, William D., Jr., to USM Corporation. Easily removed blind rivet. 4,541,761, 9-17-85, Cl. 411-34.000.
Brydor Limited: *See—*
Townsend, Lionel B. K.; and Townsend, Mary D., 4,544,899, Cl. 333-17.00R.
Brygider, Sanford L. Gun cleaning implement. 4,547,924, 10-22-85, Cl. 15-104.160.
Brym, Stanley J.; and Valbona, Bruno M., to Dynamics Corporation of America. Splatter shield for use with a drink mixer. 4,518,263, 5-21-85, Cl. 366-206.000.
Brynestad, Jorulf; and Bamberger, Carlos E., to United States of America, Energy. Preparation of titanium diboride powder. 4,503,021, 3-5-85, Cl. 423-297.000.
Brynielsson, Thore; Tomasson, Tom; Ahlberg, Leif; and Johansson, Magnus, to Ab Thoreb. Movable foot-step for a vehicle. 4,536,004, 8-20-85, Cl. 280-166.000.
Bryson, Bruce A.; and Buschur, Jeffrey J., to General Motors Corporation. Windshield wiper transmission. 4,509,878, 4-9-85, Cl. 403-71.000.
Bryson, John W.; and Hittenberger, William H., to Kliklok Corporation. Apparatus and method for forming and debowing cartons with pinching wheels. 4,493,682, 1-15-85, Cl. 493-174.000.
Bryson, Michael, to Electro-Voice, Incorporated. Dynamic loudspeaker. 4,547,632, 10-15-85, Cl. 179-115.5VC.
Brzezinski, Alex M.; Hershey, Harold J.; and Whitesell, Stephen R., to AT&T Bell Laboratories. Electroacoustic transducer. 4,492,825, 1-8-85, Cl. 179-111.00R.
Brzezinski, Donald E.; and Kadue, Christy C., to Johnson Service Company. Damper seal apparatus. 4,541,328, 9-17-85, Cl. 98-121.200.
Brzezinski, Dorothy S., to Coilcraft, Inc. Method for making a solder joint and the solder joint made thereby. 4,530,563, 7-23-85, Cl. 339-275.00B.
Brzosko, Witold; Janicki, Piotr; Laskowski, Zbigniew; Madalinski, Kazimierz; and Dabrowa, Andrzej, to Akademia Medyczna. Method for preparation of pure hepatitis B surface antigen from human plasma. 4,558,011, 12-10-85, Cl. 435-272.000.
Brzostek, Melvin W.; Hardesty, Edwin C.; and Hutchins, Erle M., to AT&T Technologies, Inc. Self-aligning cover for modular tricoupler. 4,494,815, 1-22-85, Cl. 339-123.000.
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BS&B Engineering Company Inc.: *See—*
Markus, Gerardus A., 4,497,281, Cl. 122-248.000.
Markus, Gerardus A., 4,504,213, Cl. 431-116.000.
BS&B Safety Systems, Inc.: *See—*
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Short, Edward H., III, 4,549,565, Cl. 137-71.000.
Short, Edward H., III, 4,553,559, Cl. 137-68.100.
BSL Corporation: *See—*
Gidge, Kenneth N.; and Richard, Henry J., 4,550,760, Cl. 160-328.000.
BSO Steuerungstechnik GmbH: *See—*
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Heidelberger, Walter; and Morsch, Joachim, 4,492,128, Cl. 74-471.0XY.
BSP International Foundations Limited: *See—*
Storey, Robert B., 4,559,863, Cl. 91-165.000.
BST Lift Systems, Inc.: *See—*
Becker, Billy G.; and Swafford, Charles V., 4,508,166, Cl. 166-117.500.
BTC Diagnostics Limited Partnership: *See—*
Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.
Jones, Wendy; and Gerber, Bego, 4,525,452, Cl. 435-7.000.
BTR South Africa Limited: *See—*
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BTU Engineering Corporation: *See—*
Sarkozy, Robert F., 4,556,584, Cl. 427-54.100.
Buan, Danilo P.; and Eckert, Alton B., to Pitney Bowes Inc. Apparatus and method for aligning postage meter components with an optical sensor. 4,500,780, 2-19-85, Cl. 250-231.0SE.
Buat, Mario: *See—*
Brescia, Riccardo; Buat, Mario; Dagna, Gian D.; and Scardovi, Alessandro, 4,502,054, Cl. 346-75.000.
Dagna, Gian D.; and Buat, Mario, 4,503,443, Cl. 346-140.00R.
Knirsch, Franco; Gianolini, Giovanni; Dagna, Gian D.; and Buat, Mario, 4,536,776, Cl. 346-140.00R.
Bubb, Howard G.: *See—*
Flanagin, Stephen D.; Bubb, Howard G.; and Scantlin, John R., 4,556,970, Cl. 370-58.000.
Bubb, Jerome D.: *See—*
Eggeman, Vincent A.; Bubb, Jerome D.; Siegel, Harvey R.; and Wichman, Francis H., 4,527,684, Cl. 192-130.000.
Bube, Carsten; Thiele, Gerd; and Zeller, Hans, to Robert Bosch GmbH. Simulative temperature controller for a motor vehicle. 4,504,732, 3-12-85, Cl. 219-497.000.
Bubeck, Robert A.; and Arends, Charles B., to Dow Chemical Company, The. Impact styrene polymer. 4,521,569, 6-4-85, Cl. 525-316.000.
Bubik, Leslie M. Apparatus and method for high pressure testing and inspection of tires. 4,491,013, 1-1-85, Cl. 73-146.000.
Bubley, Henry J., to American Screen Printing Equipment Company. Takeoff method and apparatus. 4,512,563, 4-23-85, Cl. 271-85.000.
Bubley, Henry J., to American Screen Printing Equipment Company. Adjustable carriage drive mechanism. 4,524,687, 6-25-85, Cl. 101-123.000.

Bubley, Henry J., to American Screen Printing Equipment Company. Automatic peel control mechanism. 4,537,126, 8-27-85, Cl. 101-123.000.
Bublitz, Hermann R.: *See—*
Barthel, Jan; and Bublitz, Hermann R., 4,495,597, Cl. 364-900.000.
Bubon, Frank: *See—*
Blumenfeld, John F.; and Bubon, Frank, 4,552,579, Cl. 65-346.000.
Buc, John L. Molded container and closure. 4,524,882, 6-25-85, Cl. 220-306.000.
Bucarelli, Luciano, to Fiat Trattori S.p.A. Manually engaged and automatically disengaged locking device for a vehicle differential. 4,555,962, 12-3-85, Cl. 74-710.500.
Bucchi, Renato, to ITALCEMENTI Fabbriche Riunite Cemento S.p.A. Installation for treating in long kilns with a half-dry process wet slurries of raw materials for their conversion into portland cement clinker. 4,530,651, 7-23-85, Cl. 425-94.000.
Buccola, Anthony A. Nozzle positioner for automatic fuel tank. 4,537,437, 8-27-85, Cl. 296-1.00C.
Bucefari, Massimo; and Scortecci, Giuseppe, to ICM S.p.A. Italiana Costruzioni Metalmeccaniche. Machine for the manufacture of chains, in particular of the type known as rope chain in the goldsmithery industry. 4,493,183, 1-15-85, Cl. 59-16.000.
Bucek, David C. Decorative fly-swatting device. 4,510,711, 4-16-85, Cl. 43-137.000.
Bucek, Francis J.; and Paxhia, Frank V., to International Business Machines Corporation. Storage apparatus for video data. 4,500,928, 2-19-85, Cl. 358-296.000.
Buch, James R.: *See—*
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Buch, Thomas: *See—*
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Buch, Wolfgang. Drinking vessel having a holder. 4,552,276, 11-12-85, Cl. 215-100.00A.
Bucha, Robert M.; Dzermejko, Albert J.; and Stuart, James G., to Raymond Kaiser Engineers Inc. Gas temperature monitoring device. 4,511,264, 4-16-85, Cl. 374-135.000.
Buchan, Ian A., to Smith and Nephew Associated Companies p.l.c. Medical device, its preparation and use. 4,516,571, 5-14-85, Cl. 128-132.00R.
Buchanan, Alvin E.; and Buchanan, James E. Bicycle storage structure. 4,506,786, 3-26-85, Cl. 206-335.000.
Buchanan, Bob B.: *See—*
Buchanan, Frank L., Jr.; and Buchanan, Bob B., 4,514,362, Cl. 422-99.000.
Buchanan, Bobby L. Polysilicon/silicon junction field effect transistors and integrated circuits (POSFET). 4,546,366, 10-8-85, Cl. 357-22.000.
Buchanan, Bradley H. Heat cutting and sealing apparatus. 4,545,844, 10-8-85, Cl. 156-515.000.
Buchanan, Delbert L.: *See—*
Childers, Roger K.; Buchanan, Kenneth L.; Barnette, Randall; and Buchanan, Delbert L., 4,506,685, Cl. 133-3.00A.
Buchanan, Frank L., Jr.; and Buchanan, Bob B. Breath specimen mixer. 4,514,362, 4-30-85, Cl. 422-99.000.
Buchanan, Gregory S.; and DeFazio, John J., to International Business Machines Corporation. Fault testing a clock distribution network. 4,542,509, 9-17-85, Cl. 371-61.000.
Buchanan, Harry C., Jr.; Mack, William R.; and Malhotra, Jagmohan K., to General Motors Corporation. Windshield wiper transmission. 4,543,839, 10-1-85, Cl. 74-98.000.
Buchanan, James D., to Square D Company. Multispeed interlocked push button switch mechanism. 4,514,601, 4-30-85, Cl. 200-5.00E.
Buchanan, James E.; and Shipley, John M., to United States of America, Army. Horizontal sync detector. 4,550,342, 10-29-85, Cl. 358-153.000.
Buchanan, James E.: *See—*
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Buchanan, Jerry C.: *See—*
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Buchanan, John: *See—*
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Buchanan, Kenneth L.: *See—*
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Buchanan, Robert D., to Porritts & Spencer. Batt-on-mesh felt employing polyurethane-coated multifilaments in the cross-machine direction. 4,533,594, 8-6-85, Cl. 428-236.000.
Buchanan, Robert M.: *See—*
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Buchar, Wayne A., to Xerox Corporation. Illumination control system utilizing an integrating feedback detector. 4,555,621, 11-26-85, Cl. 250-205.000.
Buchas, Gerald L., to Colen-Kery, Inc. Apparatus for sensing and recording biopotential electrical signals. 4,561,448, 12-31-85, Cl. 128-733.000.
Buchberger, Gerhard: *See—*
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Buchberger, Gregory D.: *See—*
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Buchberger, Harold W., to Curtis Industries. Electrical splicing connector. 4,545,640, 10-8-85, Cl. 339-272.00R.
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Buchegger, Rudolf: *See—*
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Buchel, Karl H.: *See—*
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Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; and Scheinpflug, Hans, 4,547,515, Cl. 514-383.000.
Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Hanssler, Gerd; and Reinecke, Paul, 4,562,198, Cl. 514-383.000.
Holmwood, Graham; Buchel, Karl H.; Lurssen, Klaus; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,532,341, Cl. 549-559.000.
Holmwood, Graham; Stetter, Jorg; Buchel, Karl H.; Reinecke, Paul; Brandes, Wilhelm; and Scheinpflug, Hans, 4,548,945, Cl. 514-383.000.
Jager, Gerhard; Buchel, Karl H.; Kramer, Wolfgang; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,505,922, Cl. 514-383.000.
Jager, Gerhard; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,514,409, Cl. 514-383.000.
Kraatz, Udo; Jager, Gerhard; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; Scharf, Hans-Dieter; and Frauenrath, Herbert, 4,559,355, Cl. 514-383.000.
Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, 4,549,900, Cl. 71-92.000.
Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Regel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,530,715, Cl. 71-76.000.
Regel, Erik; Buchel, Karl H.; Lurssen, Klaus; and Frohberger, Paul-Ernst, 4,507,141, Cl. 71-76.000.
Regel, Erik; Draber, Wilfried; Buchel, Karl H.; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,559,077, Cl. 71-76.000.
Buchel nee Diekmann, Helga, legal representative: *See—*
Harmatzy-Simon, Bela; Schroder, Peter; Buchel, Peter A., deceased; and Buchel nee Diekmann, Helga, legal representative, 4,491,249, Cl. 222-325.000.
Buchel, Peter A., deceased: *See—*
Harmatzy-Simon, Bela; Schroder, Peter; Buchel, Peter A., deceased; and Buchel nee Diekmann, Helga, legal representative, 4,491,249, Cl. 222-325.000.
Buchel, Urs; and Muther, Paul, to Ciba-Geigy Corporation. Solid disperse dye formulations containing non-ionic dispersants for transfer printing inks. 4,523,923, 6-18-85, Cl. 8-524.000.
Buchel, Winfried: *See—*
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Buchelt, Benno. Water turbine. 4,531,888, 7-30-85, Cl. 415-148.000.
Bucher, Anton, to Swiss Aluminium Ltd. Flat pallet. 4,497,260, 2-5-85, Cl. 108-56.100.
Bucher, Bernard P.: *See—*
Dostert, Philippe L.; Imbert, Thierry F.; and Bucher, Bernard P., 4,536,580, Cl. 546-124.000.
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Bucher, Charles A.: *See—*
Bickley, Robert H.; Bucher, Charles A.; and Yee, David M., 4,510,472, Cl. 333-262.000.
Bucher, Claude; and Lagabe, Andre, to Pont-a-Mousson S.A. Packing seal for cast iron pipe joints. 4,546,987, 10-15-85, Cl. 277-207.00A.
Bucher, George D.: *See—*
Miller, Richard A.; and Bucher, George D., 4,560,856, Cl. 219-121.0LC.
Bucher-Guyer AG: *See—*
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Ley, Carl, 4,558,745, Cl. 172-42.000.
Bucher, Heinz, to Metronic Electronic GmbH. Air bubble hydromassaging apparatus. 4,512,934, 4-23-85, Cl. 261-64.00B.
Bucher, Robert; and Kung, Walter, to Maschinenfabrik Sulzer-Ruti AG. Warp let-cff control device for weaving machines. 4,546,801, 10-15-85, Cl. 139-110.000.
Bucher, Robert R.: *See—*
Durville, Gerard A.; and Bucher, Robert R., 4,515,186, Cl. 139-455.000.
Bucherre, Veronique. Water harvesting and storage system. 4,527,977, 7-9-85, Cl. 405-53.000.
Buchfink, Adolf, to Claudius Peters AG. Mixing chamber silo for loose material. 4,506,985, 3-26-85, Cl. 366-107.000.
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Buchheister, Sue; and Poulson, Ann. Method of using ski training halter. 4,509,921, 4-9-85, Cl. 434-253.000.
Buchholz, Fredric L.: *See—*
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Buchholz, Horst; Ottmann, Gerhard F.; and Patzschke, Hans-Peter, to Herberts Gesellschaft mit beschraenkter Haftung. Process for the

coating of hollow bodies open on one side. 4,529,492, 7-16-85, Cl. 204-180.200.

Buchholz, Karl O.: *See—*

Erdmann, Jurgen; Buchholz, Karl O.; and Knappe, Hartmut, 4,523,251, Cl. 361-152.000.

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Buchner, Norbert, to Robert Bosch GmbH. Container lid with an opener device. 4,513,876, 4-30-85, Cl. 220-270.000.

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Humason, Dan C.; Buchwitz, Mayleta; and Higgins, Theodore E., 4,522,864, Cl. 428-201.000.

Buck, Alfred, to Memminger GmbH. Knitting machine. 4,532,781, 8-6-85, Cl. 66-104.000.

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Aszman, Harry W.; Buck, Charles E.; and Everhart, Cherie H., 4,501,680, Cl. 252-142.000.

Buck, David J. Garden row marker. 4,534,125, 8-13-85, Cl. 40-10.00C.

Buck, George S., Jr., to Fiberlok, Inc. Fiberous batt. 4,550,050, 10-29-85, Cl. 428-283.000.

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Davis, Walter G., 4,524,723, Cl. 119-45.00R.

Bucking, Hans-Walter: *See—*

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Buckingham, Kent W., to Procter & Gamble Company, The. Methods for the treatment and prophylaxis of diaper rash and diaper dermatitis. 4,556,560, 12-3-85, Cl. 424-145.000.

Buckingham, Robin E.: *See—*

Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, 4,542,149, Cl. 514-422.000.

Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, 4,555,509, Cl. 514-278.000.

Buckl, Hans, to Sud Chemie Aktiengesellschaft. Compositions containing thiolates for removal of heavy metal ions from dilute aqueous solutions. 4,508,838, 4-2-85, Cl. 502-62.000.

Buckland, Bruce E., to United States of America, Army. Adjustable earcup retention harness. 4,516,274, 5-14-85, Cl. 2-209.000.

Buckle, Brain L., to E. C. Hopkins Limited. Inflatable articles. 4,498,881, 2-12-85, Cl. 441-93.000.

Buckle, Brian L.; and Heesom, Neil C., to Buoyco (Divers) Limited. Depth responsive gas control device. 4,527,582, 7-9-85, Cl. 137-81.200.

Buckle, Ian G.; and Built, Steven M., to Development Finance Corporation of New Zealand. Cyclic shear energy absorber. 4,499,694, 2-19-85, Cl. 52-167.000.

Buckle, Valerie A.: *See—*

Baker, Hugh W. B.; Buckle, Valerie A.; and Fehr, Ivor J. M., 4,547,090, Cl. 401-235.000.

Bucklee-Mears Company: *See—*

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Chan, Daniel F.; and Bucklen, Willard K., 4,544,914, Cl. 340-347.0AD.

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Buckler, Robert T.: *See—*

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Buckley, Arthur B. X-ray film holder apparatus. 4,514,072, 4-30-85, Cl. 354-337.000.

Buckley, B. Shawn: *See—*

Buckley, Bruce S., 4,499,894, Cl. 126-450.000.

Buckley, Bruce S., to Buckley, B. Shawn. Passive solar water heater support box. 4,499,894, 2-19-85, Cl. 126-450.000.

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- Buckley, Bruce Shawn: *See—*
  - Buckley, Bruce S., 4,524,757, Cl. 126-426.000.
- Buckley, Damon S.; and Buckley, Marlene E. Carrying case for predrawn syringe. 4,524,868, 6-25-85, Cl. 206-364.000.
- Buckley, Edward M.: *See—*
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- Buckley, Francis D.: *See—*
  - Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., 4,560,472, Cl. 210-140.000.
- Buckley, Galen L.; and Panique, Kenneth. Retro-reflective prism assembly. 4,519,674, 5-28-85, Cl. 350-102.000.
- Buckley, Galen L.; and Fox, Paul L., to Pyramid Optical, Inc. Method of constructing a beam spread lens. 4,550,482, 11-5-85, Cl. 29-412.000.
- Buckley, John D.; Swaim, Robert J.; Fox, Robert L.; and Johnston, David F., to United States of America, National Aeronautics and Space Administration. Induction heating gun. 4,521,659, 6-4-85, Cl. 219-10.770.
- Buckley, John J.; and Scott, William T., to United States of America, Air Force. Modular air shut-off valve. 4,534,538, 8-13-85, Cl. 251-62.000.
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- Buckley, Marlene E.: *See—*
  - Buckley, Damon S.; and Buckley, Marlene E., 4,524,868, Cl. 206-364.000.
- Buckley, Michael J., to North American Philips Consumer Electronics Corp. Cathode ray tube with composite mounting structure. 4,550,344, 10-29-85, Cl. 358-248.000.
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- Buckley, Richard D., to Westinghouse Electric Corp. Method of making an electrical transformer. 4,541,171, 9-17-85, Cl. 29-605.000.
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- Buckley, W. D.: *See—*
  - Duly, Dawn L.; Windischmann, Henry; and Buckley, W. D., 4,523,974, Cl. 156-630.000.
- Buckley, William H. Method of and apparatus for indicating characteristics of undulating data. 4,495,585, 1-22-85, Cl. 364-487.000.
- Buckman Laboratories, Inc.: *See—*
  - Fenyes, Joseph G.; and Pera, John D., 4,505,831, Cl. 252-34.000.
  - Fenyes, Joseph G.; and Pera, John D., 4,506,081, Cl. 548-523.000.
- Buckner, Arthur B.; Davies, Michael L.; and Weber, Lawrence W., to Sperry Corporation. Fan mounting assembly. 4,517,880, 5-21-85, Cl. 98-1.000.
- Buckner, Leonard; Foll, William A., Sr.; and Pesho, Stephen W., to Euclid Spiral Paper Tube Corp. Packaging machine. 4,493,178, 1-15-85, Cl. 53-131.000.
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- Buckner, Michael T.: *See—*
  - St. Pierre, Philippe D.; and Buckner, Michael T., 4,521,222, Cl. 51-295.000.
- Bucko, Thomas G.: *See—*
  - Danforth, Philip G.; Bucko, Thomas G.; Galliher, Kenneth R.; Lucia, Joseph T.; Miller, Richard L.; and Straw, Timothy B., 4,518,915, Cl. 324-158.00R.
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- Bucksbee, James H.; and Campany, Andrew D., to Lord Corporation. Compact low-frequency engine mounting. 4,530,491, 7-23-85, Cl. 267-141.000.
- Buckwalter, Brian L.: *See—*
  - Janusz, John M.; Buckwalter, Brian L.; and LaHann, Thomas R., 4,544,668, Cl. 514-563.000.
  - LaHann, Thomas R.; and Buckwalter, Brian L., 4,493,848, Cl. 424-324.000.
  - LaHann, Thomas R.; Janusz, John M.; and Buckwalter, Brian L., 4,544,669, Cl. 514-563.000.
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- Buczek, Carl J.: *See—*
  - Bostick, Hoyt A.; and Buczek, Carl J., 4,528,669, Cl. 372-26.000.
- Buczkowski, Gary J.; and Fresia, E. James, to Sprague Electric Company. Electrolytic capacitor. 4,535,389, 8-13-85, Cl. 361-433.000.
- Budahn, Peter; and Ehlers, Jorn, to British Petroleum Company Limited, The. Preparation of catalysts by the precipitation of a hydroxide or sulfide from an emulsion in the presence of carbonaceous solid. 4,495,306, 1-22-85, Cl. 502-185.000.
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  - Szejtli, Jozsef; Budai, Zsuzsanna; Radvany nee Hegedus, Erzsebet; Papp, Laszlo; Kormoczy, Gyorgy; and Pap nee Imrenyi, Gabriella, 4,524,068, Cl. 514-58.000.
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  - Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, 4,533,912, Cl. 340-783.000.
  - Varga, Laszlo; Krekacs, Sandor; Latorcai, Janos; Palfi, Zoltan; and Fledrich, Istvan, 4,514,911, Cl. 34-22.000.
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  - Nemet, Mihaly, 4,543,581, Cl. 343-702.000.
- Budd Company, The: *See—*
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  - Dean, Walter C., II, 4,522,304, Cl. 206-591.000.
  - Degner, Frederick M., 4,522,377, Cl. 266-196.000.
  - Denninger, Harry T., 4,544,822, Cl. 219-120.000.
  - Dickhart, William W., III, 4,526,109, Cl. 105-199.00R.
  - Dickhart, William W., III; Graziani, Dante J., Jr.; Herring, James M., Jr.; Pavlick, Michael J.; and Renn, Edward J., 4,555,095, Cl. 267-4.000.
  - Eggert, Walter S., Jr., 4,538,524, Cl. 105-182.00R.
  - Epel, Joseph N.; and Wilkinson, Robert E., 4,551,085, Cl. 425-405.00R.
  - Hamner, James R., 4,515,543, Cl. 425-112.000.
  - Hull, Frederick H., 4,499,759, Cl. 73-146.000.
  - Iseler, Kenneth A.; Connolly, Joseph D.; and Shah, Mayur S., 4,529,757, Cl. 523-513.000.
  - Iseler, Kenneth A.; Guha, Probir K.; and Yen, Robert C., 4,535,110, Cl. 524-196.000.
  - Kinkle, Robert W., 4,498,824, Cl. 410-121.000.
  - McCafferty, Gerald P.; Navoczynski, Stanley J.; and Kinkle, Robert W., 4,498,264, Cl. 52-281.000.
  - Pavlick, Michael J., 4,524,699, Cl. 105-4.00R.
  - Sherrow, Lionel, 4,497,512, Cl. 292-92.000.
- Budd, Richard W. Decorative molding for tub or counter caulking. 4,520,605, 6-4-85, Cl. 52-287.000.
- Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., to Intel Corporation. Apparatus for redundant operation of modules in a multiprocessing system. 4,503,534, 3-5-85, Cl. 371-9.000.
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- Budden, Renke: *See—*
  - Kehrbach, Wolfgang; Wegener, Joachim; Kuehl, Ulrich; Budden, Renke; and Buschmann, Gerd, 4,552,877, Cl. 514-239.000.
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- Budding, Hendrik A.: *See—*
  - Bulten, Eric J.; and Budding, Hendrik A., 4,547,320, Cl. 556-83.000.
- Buddy L Corporation: *See—*
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  - Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., 4,490,939, Cl. 446-448.000.
  - Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Avi, 4,493,671, Cl. 446-464.000.
  - Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., 4,529,389, Cl. 446-26.000.
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- Budecker, Ludwig; and Obersteiner, Georg, to ITT Industries, Inc. Radial piston machine. 4,555,223, 11-26-85, Cl. 417-462.000.
- Budecker, Ludwig: *See—*
  - Burgdorf, Jochen; and Budecker, Ludwig, 4,505,652, Cl. 417-462.000.
- Buder, Wolfgang: *See—*
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- Buderus Aktiengesellschaft: *See—*
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  - Stiegler, Hartmut, 4,512,327, Cl. 126-21.00A.
- Budge, James D. Electively detachably coupled ball joint and pivot cup combination for a wind-propelled surfboard. 4,498,410, 2-12-85, Cl. 114-91.000.
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- Budinger, A. Bowman; Byszewski, Wojciech W.; and Proud, Joseph M., to GTE Automatic Electric Laboratories Incorporated. Single cathode beam mode fluorescent lamp for DC use. 4,494,046, 1-15-85, Cl. 315-260.000.
- Budinger, A. Bowman: *See—*
  - Byszewski, Wojciech W.; Budinger, A. Bowman; and Proud, Joseph M., 4,521,718, Cl. 315-99.000.
  - Proud, Joseph M.; Riseberg, Leslie A.; Byszewski, Wojciech W.; and Budinger, A. Bowman, 4,516,057, Cl. 315-260.000.
  - Proud, Joseph M.; Budinger, A. Bowman; Riseberg, Leslie A.; and Byszewski, Wojciech W., 4,518,897, Cl. 315-260.000.
- Budinger, William D. Workpiece holder for polishing operation. 4,512,113, 4-23-85, Cl. 51-236.000.
- Budinski, Kenneth G.; and Brandon, Kenneth F., to Eastman Kodak Company. Optical disc assembly retaining rings. 4,546,465, 10-8-85, Cl. 369-287.000.

Budish, Joseph D. Door latch with lock. 4,524,590, 6-25-85, Cl. 70-129.000.

Budnik, Brian J., to Motorola, Inc. Control circuitry for a pulse-width-modulated switching power supply. 4,521,726, 6-4-85, Cl. 323-283.000.

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Budris, John P.: *See—*
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Budwey, Michael J.: *See—*
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Budzinski, John C.; and Levitt, George, to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,557,752, 12-10-85, Cl. 71-92.000.

Budzinski, Roger R., to Park-Ohio Industries, Inc. Rotating induction heating apparatus. 4,538,041, 8-27-85, Cl. 219-10.750.

Budzol, Melvin: *See—*
Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., 4,535,941, Cl. 241-21.000.

Budzyn, Boleslaw L.; and Carlson, Charles E., to Allied Corporation. Two piece casting wheel. 4,537,239, 8-27-85, Cl. 164-423.000.

Buechi, Heinz: *See—*
Hochstrasser, Otto; Heine, Hans G.; and Buechi, Heinz, 4,511,125, Cl. 266-135.000.

Buechler, Lawrence W.: *See—*
Fenster, Abraham S.; and Buechler, Lawrence W., 4,518,068, Cl. 137-552.000.

Buechler, Lester W. Method of engraving an invisible joint within a gravure printing cylinder. 4,500,929, 2-19-85, Cl. 358-299.000.

Buechse, Joachim: *See—*
Quis, Peter; Siol, Werner; Buechse, Joachim; and Rauch, Hubert, 4,558,084, Cl. 524-294.000.

Buehl, Arnold L., to Slyman Manufacturing Corporation. Radiant burner. 4,533,318, 8-6-85, Cl. 431-328.000.

Buehl, George T.: *See—*
Mischenko, Peter S.; and Buehl, George T., 4,561,142, Cl. 15-97.00R.

Buehler, Charles K., to Northern Petrochemical Company. Olefin polymerization catalyst activity by simultaneous olefin washing and addition of electron donor. 4,526,883, 7-2-85, Cl. 502-108.000.

Buehler, Ernest: *See—*
Chai, Bruce H.; Buehler, Ernest; and Flynn, John J., 4,554,136, Cl. 422-209.000.
Chai, Bruce H.; Buehler, Ernest; and Flynn, John J., 4,559,208, Cl. 422-209.000.

Buehler Ltd.: *See—*
Doyle, Ralph R.; and Zimmer, Robert E., 4,513,894, Cl. 222-644.000.
Nelson, James A.; and Zimmer, Robert E., 4,534,536, Cl. 249-83.000.

Buehler, Martin G., to United States of America, National Aeronautics and Space Administration. Split-cross-bridge resistor for testing for proper fabrication of integrated circuits. 4,516,071, 5-7-85, Cl. 324-158.00R.

Buehler, Robert J.: *See—*
Friedman, Lewis; Buehler, Robert J.; Matthew, Michael W.; and Ledbetter, Myron, 4,559,096, Cl. 156-272.200.

Buehler, Walter E., to Boeing Company, The. Aircraft trailing ball antenna. 4,556,889, 12-3-85, Cl. 343-707.000.

Buehrle, Thomas M.: *See—*
Landsness, Clifford A.; and Buehrle, Thomas M., 4,498,042, Cl. 324-54.000.

Buekers, Josef: *See—*
Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, 4,548,987, Cl. 525-67.000.

Buekers, Valere: *See—*
Moisson, Marc; Van Noten, Lodewijk; Overbergh, Noel; Franckx, Joris; and Buekers, Valere, 4,498,938, Cl. 156-49.000.

Buel, G. Theodore. Ski boot heel binding. 4,550,929, 11-5-85, Cl. 280-614.000.

Buell Industries, Inc.: *See—*
Becker, Philip D., 4,530,619, Cl. 403-406.000.

Buell, Kenneth B., to Procter & Gamble Company, The. Waste-containment garment having absorbent body and reuseable side-bridging fastener fitments. 4,555,244, 11-26-85, Cl. 604-392.000.

Buell, Kenneth C.; and Cooper, Thomas F., to Xerox Corporation. Transfer system. 4,506,971, 3-26-85, Cl. 355-3.0TR.

Buelow, Horst: *See—*
Bott, Kaspar; Kaibel, Gerd; Hartmann, Horst; Irnich, Rudolf; and Buelow, Horst, 4,551,208, Cl. 203-60.000.

Buelow, Jack; and Darland, Michael A., to Clorox Company, The. Toilet bowl dispenser. 4,507,811, 4-2-85, Cl. 4-225.000.

Buendia, Jean: *See—*
Martel, Jacques; Buendia, Jean; and Nezot, Francois, 4,501,687, Cl. 252-522.00R.
Martel, Jacques; Buendia, Jean; and Nezot, Francois, 4,521,331, Cl. 252-522.00R.

Bueno, Alfredo, to Dynapac Maskin AB. Vibratory device. 4,523,486, 6-18-85, Cl. 74-87.000.

Bueno, Humberto E. Adjustable valve for faucet or shower head. 4,530,467, 7-23-85, Cl. 239-407.000.

Buensch, Hellmut: *See—*
Blum, Rainer; Buensch, Hellmut; Druschke, Wolfgang; and Mueller, Helmut, 4,543,393, Cl. 525-124.000.

Buenzli, Charles W., Jr.: *See—*
Shaber, Gary S.; and Buenzli, Charles W., Jr., 4,508,686, Cl. 422-55.000.

Buering, Ulrich: *See—*
Goebert, Klaus; and Buering, Ulrich, 4,547,267, Cl. 204-4.000.

Buerk, Hermann: *See—*
Auracher, Franz; Buerk, Hermann; Keil, Rudolf; Stockmann, Michael; Weingand, Kaspar; and Zeitler, Karl-Heinz, 4,505,539, Cl. 350-96.150.

Buerkle, Ottmar; Schmidts, Kurt; Schneider, Alfred; and Schuett, Walter, to BASF Aktiengesellschaft. Magnetic tape cassette with windows. 4,530,475, 7-23-85, Cl. 242-199.000.

Buess, Gerhard: *See—*
Boebel, Manfred; Baier, Manfred; and Buess, Gerhard, 4,538,594, Cl. 128-6.000.

Buetemeister, Earl H.; and Colville, Larry L., to General Motors Corporation. Engine cranking motor lock out system. 4,549,089, 10-22-85, Cl. 290-38.00R.

Buettner, Egon: *See—*
Oppenlaender, Knut; Fikentscher, Rolf; Buettner, Egon; Slotman, Wilhelmus; Schwartz, Erich; and Mohr, Rudolf, 4,537,701, Cl. 252-344.000.

Buettner, Howard L.: *See—*
Witalka, Jerome J.; Buettner, Howard L.; and Ellsworth, James G., 4,511,967, Cl. 364-200.000.

Bufalini, Angelo J.; and Gaughan, Edmund J., to Stauffer Chemical Company. Herbicide compositions of extended soil life. 4,545,805, 10-8-85, Cl. 71-87.000.

Buffa, Gerard: *See—*
Jarret, Bertrand; Cordier, Rose; and Buffa, Gerard, 4,504,975, Cl. 455-608.000.

Buffalo Color Corporation: *See—*
Grotta, Henry M., 4,559,182, Cl. 260-509.000.
Nagpal, Krishen L., 4,492,683, Cl. 424-309.000.

Buffalo Dental Mfg., Co., Inc.: *See—*
Dulski, John; and Klobas, John, 4,557,314, Cl. 164-287.000.

Buffet, Jacques, to Cardiofrance Compagnie Francaise d'Electrocardiologie. Method for determining parameter values of an implanted programmable pacemaker. 4,522,208, 6-11-85, Cl. 128-419.0PT.

Buffet, Jean: *See—*
Benicourt, Michel; Buffet, Jean; and Huard, Jean-Francois, 4,499,329, Cl. 136-208.000.

Buffington, Ralph M.; Kaminski, Perry; and Larson, Eugene A., to Technicare Corporation. Selectable focus ultrasonic transducers for diagnostic imaging. 4,557,146, 12-10-85, Cl. 73-642.000.

Buffone, Louis A.: *See—*
Krohn, David A.; Buffone, Louis A.; and Vinarub, Edmond I., 4,500,870, Cl. 340-347.00P.

Bugaj, Joseph E.: *See—*
Grogg, Terry W.; Bugaj, Joseph E.; and Bates, Paul E., 4,510,125, Cl. 424-1.100.

Bugatto, Henry, Jr., to Xerox Corporation. Stepper motor controller. 4,496,892, 1-29-85, Cl. 318-696.000.

Bugaut, Andre: *See—*
Monnais, Christian; Cotteret, Jean; and Bugaut, Andre, 4,511,360, Cl. 8-405.000.

Bugaut, Andree; and Estradier, Francoise, to L'Oreal. 2,4-dihydroxydiphenylamines and hair dyeing compositions and method. 4,494,953, 1-22-85, Cl. 8-408.000.

Bugay, Frederick: *See—*
Wright, Douglas, 4,535,014, Cl. 428-30.000.

Bugg, John W. J.; and Houlden, Stephen, to White Sea & Baltic Company Limited, The. Alkali metal silicate solutions and method of forming foundry products using the solutions. 4,552,202, 11-12-85, Cl. 164-528.000.

Buggert, Peter O., to **Oktan Aktiebolag.** Arrangement in the combustion chamber of an internal combustion engine. 4,508,070, 4-2-85, Cl. 123-193.0CP.

Bugianesi, Robert L.: *See—*
- Ponpipom, Mitree M.; Shen, Tsung-Ying; and Bugianesi, Robert L., 4,554,349, Cl. 536-55.000.

Bugie, Robert C.: *See—*
- Plummer, Mark A.; and Bugie, Robert C., 4,505,810, Cl. 208-108.000.

Buglione, Arthur J.; and Coats, James M., to **Ford Motor Company.** Selective single fire/double fire fuel injection control. 4,532,907, 8-6-85, Cl. 123-490.000.

Buguet, M. Maurice; and Deruelle, M. Patrick, to **Le Metal Deploye.** Electrical resistor of stretched sheet metal. 4,516,108, 5-7-85, Cl. 338-319.000.

Buhagiar, Francois: *See—*
- Le Creff, Michel; Guillou, Francoise; and Buhagiar, Francois, 4,562,309, Cl. 179-90.00R.

Buhart, Andre, to **Thomson-CSF.** Channel formation system for panoramic sonars. 4,509,152, 4-2-85, Cl. 367-123.000.

Buhayar, Eric S., to **Scott Paper Company.** Rotary cutter for thin, flexible webs. 4,491,045, 1-1-85, Cl. 83-341.000.

Buhl, Reinhard: *See—*
- Burmeister, Joachim; Buhl, Reinhard; and Westphal, Paul, 4,538,935, Cl. 403-140.000.

Buhl, Robert F.: *See—*
- Marsh, Glenn A.; and Buhl, Robert F., 4,541,278, Cl. 73-592.000.

Buhler, Arthur: *See—*
- Fasciati, Alfred; and Buhler, Arthur, 4,558,121, Cl. 534-641.000.
- Schutz, Hans U.; and Buhler, Arthur, 4,544,739, Cl. 534-619.000.

Buhler, Ernst, to **AG fur Industrielle Elektronik AGIE Losone b. Locarno.** Method for automatic process control in spark erosive machining. 4,533,811, 8-6-85, Cl. 219-69.00M.

Buhler, Eugen; Strobel, Klaus; and Schwarzmeier, Karl, to **Buhler, Eugen; and Hutschenreuther AG.** Device for the production of molded articles from a pourable substance. 4,544,345, 10-1-85, Cl. 425-405.00R.

Buhler, Eugen; Strobel, Klaus; and Schwarzmeier, Karl, to **Buhler, Eugen; and Hutschenreuther AG.** Apparatus for producing dry-pressed moulding from a particulate or granular moulding material. 4,560,336, 12-24-85, Cl. 425-78.000.

Buhler, Fritz, to **Les Fils D'Auguste Scheuchzer S.A.** Device for controlling a railroad track making or repairing machine. 4,535,699, 8-20-85, Cl. 104-7.00B.

Buhler-Miag GmbH: *See—*
- Amelung, Kurt; and Peters, Manfred, 4,545,137, Cl. 34-233.000.
- Gsponer, Arnold; Huber, Werner; and Petrovic, Milan, 4,537,302, Cl. 198-626.000.

Buhler, Niklaus: *See—*
- Meier, Kurt; Buhler, Niklaus; and Reher, Jean-Francois, 4,559,237, Cl. 427-53.100.
- Riediker, Martin; Rohde, Ottmar; Roth, Martin; and Buhler, Niklaus, 4,548,891, Cl. 430-283.000.

Buhler, Ulrich; Ribka, Joachim; Tappe, Horst; and Roth, Kurt, to **Cassella Aktiengesellschaft.** Azo dyestuff dischargeable to white. 4,505,856, 3-19-85, Cl. 534-753.000.

Buhler, Ulrich; Kuhlein, Klaus; Tappe, Horst; Kallay, Maria; Kosubek, Uwe; and Lowenfeld, Rudolf, to **Cassella Aktiengesellschaft.** Water-insoluble monoazo dyestuffs, their preparation and their use. 4,552,953, 11-12-85, Cl. 534-886.000.

Buhlmann, Ulrich, to **Kuhni AG.** Packing for material exchange columns. 4,501,707, 2-26-85, Cl. 261-94.000.

Buhne, Gerd: *See—*
- Bartzick, Gunter; Buhne, Gerd; and Naydowski, Reinhard, 4,516,488, Cl. 100-4.000.
- Bartzick, Gunter; Buhne, Gerd; and Naydowski, Reinhard, 4,527,379, Cl. 53-589.000.

Buholz, Neal E., to **United States of America, Air Force.** CO_2 laser stabilization and switching. 4,513,422, 4-23-85, Cl. 372-29.000.

Buhr, Gerhard: *See—*
- Ruckert, Hans; Buhr, Gerhard; and Steppan, Hartmut, 4,506,003, Cl. 430-270.000.

Buhren, Heinz, to **W. Schlafhorst & Co.** Spool separating device. 4,535,893, 8-20-85, Cl. 209-628.000.

Buhrmann, Gerardus P.; and Steen, Adam, to **Hoogovens Groep B.V.** Gas-transmitting wall element for a metallurgical vessel, a metallurgical vessel having such a wall element, and a method of producing steel. 4,535,975, 8-20-85, Cl. 266-220.000.

Bui-Hai, Nhu, to **Thomson-CSF.** Primary source with frequency re-utilization. 4,507,665, 3-26-85, Cl. 343-786.000.

Bui-Hai, Nhu, to **Thomson-CSF.** Antenna with a polarization rotator in waveguide feed. 4,546,359, 10-8-85, Cl. 343-781.00R.

Bui-Hai, Nhu, to **Thomson-CSF.** Multiplexing device for grouping two frequency bands. 4,546,471, 10-8-85, Cl. 370-123.000.

Bui, Ngoc C.: *See—*
- Monbaron, Jean-Jacques; and Bui, Ngoc C., 4,509,133, Cl. 364-513.500.

Buie, James L., to **TRW Inc.** Read-only memory construction and related method. 4,546,456, 10-8-85, Cl. 365-227.000.

Buijs, Johannes, to **Adviesbureau D3BN Civiel Ingenieurs.** Method of building a house starting from a packaged structure, a packaged structure for use in said method, a method of making a foundation, and a pile cap for use therein. 4,539,788, 9-10-85, Cl. 52-745.000.

Buike, James W.; and Tomala, Ambrose, to **Allied Corporation.** Electrical power assisted steering mechanism. 4,530,413, 7-23-85, Cl. 180-79.100.

Builder, Stuart E.; and Ogez, John R., to **Genentech, Inc.** Purification and activity assurance of precipitated heterologous proteins. 4,511,502, 4-16-85, Cl. 260-112.00R.

Builders Equipment Company: *See—*
- Thomas, Paul M.; and Abrahamson, Daniel P., 4,492,503, Cl. 414-152.000.

Built, Steven M.: *See—*
- Buckle, Ian G.; and Built, Steven M., 4,499,694, Cl. 52-167.000.

Buinewicz, Benedict R., to **Molins Machine Company, Inc.** Apparatus and method for processing corrugated paperboard. 4,529,462, 7-16-85, Cl. 156-205.000.

Buirley, William L.; Koopman, Donald E.; McQuain, David B.; and Reeves, William H., to **Vectra International Corporation.** Thermographic cholesteric coating compositions and plates. 4,501,503, 2-26-85, Cl. 374-162.000.

Buisson, Jacques; and Loitiere, Alain, to **Commissariat a l'Energie Atomique.** Ultra-rapid hybrid linear amplifier. 4,507,620, 3-26-85, Cl. 330-307.000.

Buisson, Marc F. B.: *See—*
- Bouiller, Jean G.; Buisson, Marc F. B.; Jourdain, Gerard E. A.; Sandelis, Denis J. M.; and Urruty, Yves R. A., 4,546,606, Cl. 60-262.000.

Buist, Kevin S.; and Kachnowski, Thomas A., to **Burroughs Corporation.** Terminal elevating mechanism. 4,545,556, 10-8-85, Cl. 248-346.000.

Buitekant, Alan; and Dolliver, David M., to **Boeing Company, The.** External store release for flight vehicle. 4,523,731, 6-18-85, Cl. 244-137.00R.

Bujack, Alvin: *See—*
- Desai, Ashvin D.; and Bujack, Alvin, 4,496,463, Cl. 210-341.000.

Bujadoux, Karel, to **Societe Chimique des Charbonnages-CdF Chimie.** Activator comprising a dialkylaluminum monofluoride for the polymerization of ethylene. 4,517,346, 5-14-85, Cl. 526-153.000.

Bujadoux, Karel; and Neyer, Jean-Marie, to **Societe Chimique des Charbonnages-CdF Chimie.** Catalyst containing an aromatic silicon compound for the polymerization of ethylene. 4,537,868, 8-27-85, Cl. 502-104.000.

Bujard, Hermann G.; Chang, Annie C. Y.; and Cohen, Stanley N., to **Leland Stanford Junior University, The Board of Trustees of the.** Cloned high signal strength promoters. 4,495,280, 1-22-85, Cl. 435-6.000.

Bujatti, Marina; and Cetronio, Antonio, to **Selenia, Industrie Elettroniche Associate, S.p.A.** Method of making a field effect transistor with modified Schottky barrier depletion region. 4,559,238, 12-17-85, Cl. 427-82.000.

Bujold, Victor N. Earthquake-responsive valve motor. 4,546,660, 10-15-85, Cl. 74-2.000.

Bukala, Alexander E., to **Littelfuse, Inc.** Fuseholder for blade-type fuses. 4,560,227, 12-24-85, Cl. 339-147.00R.

Bukhman, Yefim, to **Motorola, Inc.** Method for forming semiconductor devices. 4,523,976, 6-18-85, Cl. 156-643.000.

Bukhman, Yefim; and Thornquist, Steven C., to **Motorola, Inc.** Process for etching tapered polyimide vias. 4,560,436, 12-24-85, Cl. 156-643.000.

Bukhman, Yefim: *See—*
- Balda, Raymond J.; Bukhman, Yefim; and Goodner, Willis R., 4,523,372, Cl. 29-590.000.

Bukhteev, Pavel I.; Posleider, Grigory Y.; Kartavtsev, Viktor M.; and Bytsak, Vladimir S., to **Nauchno-Issledovatelsky I Experimentalny Institut Avtomovilnogo Elektrooborudovania I Avtopriborov.** Machine for laying conductors into slots. 4,501,059, 2-26-85, Cl. 29-564.500.

Bukkems, Franciscus H. J.; Plaschkes, Arnon; Buurman, Cornelis; and Broere, Anton M. P., to **Shell Oil Company.** Homogeneous sampler for non-homogeneous flowing of fluid. 4,494,413, 1-22-85, Cl. 73-863.430.

Bukkems, Franciscus H. J.; and Quist, Bernardus B., to **Shell Oil Company.** Centrifugal pump for transferring solid particles from a low pressure zone into a high pressure zone. 4,497,605, 2-5-85, Cl. 414-218.000.

Bukoschek, Romuald L.; and Steiner, Peter, to **U.S. Philips Corporation.** Return stop for a self-starting synchronous motor. 4,506,178, 3-19-85, Cl. 310-41.000.

Bukoschek, Romuald L.; and Diefenbach, Gerhard, to **U.S. Philips Corporation.** Appliance driven by an electric motor. 4,520,286, 5-28-85, Cl. 310-83.000.

Bukowski, James M.; Midock, Gary E.; and Walko, Ronald J., to **Westinghouse Electric Corp.** Microprocessor-based extraction turbine control. 4,550,380, 10-29-85, Cl. 364-494.000.

Buku, Berniece. Frame for holding plastic bag. 4,537,376, 8-27-85, Cl. 248-97.000.

Buky, Gabriel R.: *See—*
- Littwin, Kenneth M.; and Buky, Gabriel R., 4,542,909, Cl. 280-79.10A.

Bulanda, John J.: *See—*
- Caveney, Jack E.; Moody, Roy A.; Bulanda, John J.; and Wende, Russell E., 4,519,129, Cl. 29-749.000.
- Moody, Roy A.; Bulanda, John J.; Levin, Robert F.; Timian, Steven S.; and Waltasti, Stephen A., 4,498,506, Cl. 140-93.200.

Bulat, Bulent, to **Dresser Industries, Inc.** Photo transducer circuit for setting minimum and maximum current flow between power terminals. 4,538,063, 8-27-85, Cl. 250-214.00R.

Buiaty, Paul; De Mesmaeker, Ivan; Franc, Zdenek; and Salerno, Giuseppe, to BBC Brown, Boveri & Company, Limited. Method and a system for analyzing the secondary current in a current transformer, the primary side of which is connected into a line of an electric energy supply network. 4,511,839, 4-16-85, Cl. 324-127.000.

Bulbenko, George F.: *See—*
Woodbridge, J. Eliot; Bulbenko, George F.; and Marshall, J. John, 4,550,077, Cl. 435-22.000.

Bulcourt Carlos J.: *See—*
Fernandez, Jose M.; and Bulcourt Carlos J., 4,557,257, Cl. 128-80.00G.

Bulgarelli, Donald J.: *See—*
Auerweck, Ferdinand J.; Bulgarelli, Donald J.; Roller, Curtis A.; and Varrese, Francis R., 4,541,282, Cl. 73-715.000.

Bulginov, Evgeny F.: *See—*
Alexandrov, Adolf M.; Bulginov, Evgeny F.; Yashin, Jury A.; and Kiselev, Igor V., 4,547,099, Cl. 406-149.000.

Buljan, Sergej-Tomislav, to GTE Products Corporation. Si_3N_4 ceramic articles having lower density outer layer, and method. 4,492,765, 1-8-85, Cl. 501-97.000.

Buljan, Sergej-Tomislav: *See—*
Sarin, Vinod K.; Penty, Robert A.; and Buljan, Sergej-Tomislav, 4,497,228, Cl. 82-1.00C.

Bulka, Raymond I.; Ketcham, Russell S.; and Mak, Kelvin K., to McCain Manufacturing Corporation. Book stacker. 4,525,118, 6-25-85, Cl. 414-43.000.

Bulkowski, John E., to University of Delaware. Binucleating ligand-metal complexes as oxidation catalysts. 4,545,937, 10-8-85, Cl. 260-396.00R.

Bull, Bernard T.: *See—*
Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., 4,507,315, Cl. 514-396.000.

Bull, Cyril A., to Metal Box Limited. Containers. 4,513,872, 4-30-85, Cl. 220-74.000.

Bull, Cyril A., to Metal Box p.l.c. Containers. 4,560,313, 12-24-85, Cl. 413-1.000.

Bull Dog Tool Inc.: *See—*
Williams, Robert M.; and Davis, Bob, 4,493,383, Cl. 175-234.000.

Bull, Garland. Low pressure heating system. 4,496,099, 1-29-85, Cl. 237-7.000.

Bull, Jeffrey F.; and Winiasz, Michael E., to Karg, James F. Carrier for a strand supply bobbin. 4,529,147, 7-16-85, Cl. 242-156.200.

Bull, Jeffrey F.; and Winiasz, Michael E., to Karg, James F. Apparatus for mounting components for rotation of carriers for strand supply bobbins and for timing strand movement relative to rotation. 4,535,672, 8-20-85, Cl. 87-29.000.

Bull, Jeffrey F.; Johnson, Harlan; Karg, James F.; and Winiasz, Michael E., to Karg, James F. Apparatus for control of moving strands from rotating strand supply bobbins. 4,535,674, 8-20-85, Cl. 87-29.000.

Bull, Jeffrey F.; Karg, Daniel W.; and Winiasz, Michael E., to Karg, James F. Apparatus for rotating a set of carriers for a strand supply bobbin relative to moving strands from a set of contra-rotating carriers for a strand supply bobbin. 4,535,675, 8-20-85, Cl. 87-29.000.

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, to Stromberg-Carlson Corp. Telephone concentrator switch arrangement. 4,523,308, 6-11-85, Cl. 370-56.000.

Bull, William R.; and Spottiswood, David J., to Union Camp Corporation. Capryl alcohol frother in iron ore flotation process. 4,529,507, 7-16-85, Cl. 209-166.000.

Bulla, John G. Golf club head with flexure frequency matched with distortion-relaxation frequency of ball. 4,498,672, 2-12-85, Cl. 273-169.000.

Bullard, Harold L.: *See—*
Hilton, Carl W.; and Bullard, Harold L., 4,561,517, Cl. 180-175.000.

Bulle, Marshall R.; and Johnson, Dale A. Tire spreader. 4,511,121, 4-16-85, Cl. 254-50.400.

Bullemer, Bernhard: *See—*
Eisele, Ignaz; Bullemer, Bernhard; and Beck, Andreas, 4,543,467, Cl. 219-271.000.

Buller, Paul L.: *See—*
Fair, Delbert W.; and Buller, Paul L., 4,492,285, Cl. 181-114.000.

Buller, Richard J.: *See—*
Johnson, John F.; Buller, Richard J.; and Guinn, Ronald K., 4,503,643, Cl. 51-247.000.

Bulley, Raymond M., to AT&T Bell Laboratories. Biased reactor maintenance termination unit. 4,543,524, 9-24-85, Cl. 324-52.000.

Bullington, Robert E.; and Discavage, James L., to Cyklop International Emil Hoffman KG. Strapping apparatus. 4,536,248, 8-20-85, Cl. 156-502.000.

Bullis, David C., to Du Pont de Nemours, E. I., and Company. Data compression interface having parallel memory architecture. 4,546,444, 10-8-85, Cl. 364-550.000.

Bullis, Robert H.; and Couch, Robert P., to United Technologies Corporation. Emitted ion surge/stall detection. 4,499,755, 2-19-85, Cl. 73-116.000.

Bullivant, Kenneth W., to K-Tron International, Inc. Weighing apparatus and method. 4,512,428, 4-23-85, Cl. 177-25.000.

Bullivant, Roger A., to Roger Bullivant Inc. Piling method. 4,548,526, 10-22-85, Cl. 405-233.000.

Bullmerwerk Karl Bullmer: *See—*
Buss, Albert, 4,505,466, Cl. 270-31.000.

Bullock, Benton L., to General Motors Corporation. Seal arrangement for disengageable reduction drive unit. 4,491,037, 1-1-85, Cl. 74-785.000.

Bullock, David C.: *See—*
Best, John S.; and Bullock, David C., 4,556,597, Cl. 428-201.000.

Bullock, Donald F.; and Palmer, Ansell W., to General Electric Company. Sensing switch for a magnetically coupled communications port. 4,491,792, 1-1-85, Cl. 324-157.000.

Bullock, James K.: *See—*
McCord, Kenneth R.; Bullock, James K.; Gille, Henrick K.; and Gilroy, Keith, 4,539,998, Cl. 128-675.000.

Bullock, James K., Sr., to Ammco Tools, Inc. Device and method for measuring steering axis inclination or a steerable wheel. 4,546,548, 10-15-85, Cl. 33-203.000.

Bullock, Joseph J., III, to Three Sisters Ranch Enterprises. Neck finish for plastic containers. 4,496,066, 1-29-85, Cl. 215-320.000.

Bullock, Joseph J., III, to Three Sisters Ranch Enterprises. Wine bottle cover. 4,506,797, 3-26-85, Cl. 215-256.000.

Bullock, Kenneth W.; and Story, Robert J., to Smith Berger Marine, Inc. Fish-cleaning machine finishing spray accessory. 4,535,509, 8-20-85, Cl. 17-58.000.

Bullock, Lance W.; Vlahek, Josip; and Kovacs, Ferenc, to W. R. Grace Australia Limited. Apparatus for thermoforming thermoplastic sheet materials. 4,500,277, 2-19-85, Cl. 425-387.100.

Bullock, Norman J.; Barnett, Paul F.; and Lattis, Donald J., to Cissell Manufacturing Company. Clothes dryer having variable position motor and moisture sensor. 4,546,554, 10-15-85, Cl. 34-48.000.

Bullock, Peter W.: *See—*
Bancroft, Charles F.; Brown, Thomas B.; Bullock, Peter W.; and Sutter, Leroy V., Jr., 4,523,071, Cl. 219-56.220.

Bullock, Robert J.: *See—*
Robillard, David R.; Bullock, Robert J.; and Marino, Jerry C., 4,561,619, Cl. 248-285.000.

Bullock, Robert L., to Standard Car Truck Company. Radial trucks. 4,537,138, 8-27-85, Cl. 105-168.000.

Bullock, Ronald N.: *See—*
Brayman, Semyon; and Bullock, Ronald N., 4,532,795, Cl. 73-40.000.

Bullock, Steven S.: *See—*
Howie, John K.; and Bullock, Steven S., 4,525,289, Cl. 252-49.900.

Bullock, Wilbur W., to Kinney, William M.; and Bernardi, A. L. Rug puller. 4,531,771, 7-30-85, Cl. 294-104.000.

Bulow, Jeffrey A.: *See—*
Orser, David A.; and Bulow, Jeffrey A., 4,533,216, Cl. 350-361.000.

Buls, Ronald L.; and Gilcrease, James P., to Texas Eastern Engineering Ltd. Slug-catching method and apparatus. 4,519,815, 5-28-85, Cl. 55-46.000.

Bulso, Joseph D., Jr.; and Doyle, Stephen D., to Redicon Corporation. Tapered container and method and apparatus for forming same. 4,503,702, 3-12-85, Cl. 72-349.000.

Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., to Redicon Corporation. Shell tooling. 4,516,420, 5-14-85, Cl. 72-329.000.

Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., to Redicon Corporation. System, method for forming containers. 4,535,618, 8-20-85, Cl. 72-349.000.

Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., to Redicon Corporation. Shell tooling method. 4,549,424, 10-29-85, Cl. 72-329.000.

Bulso, Joseph D., Jr.: *See—*
Doyle, Stephen D.; and Bulso, Joseph D., Jr., 4,506,534, Cl. 72-345.000.

Bultemeier, Keith D.: *See—*
Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.

Bulten, Eric J.; and Liebregts, Antonius M. J., to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Germanium compounds. 4,501,702, 2-26-85, Cl. 260-429.00R.

Bulten, Eric J.; and Budding, Hendrik A., to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Tin compounds. 4,547,320, 10-15-85, Cl. 556-83.000.

Bults, Gerard: *See—*
Cahen, David; Malkin, Shmuel; Horwitz, Benjamin; and Bults, Gerard, 4,533,252, Cl. 356-432.000.

Bulvanoski, Leo J.: *See—*
Di Martini, Carl R.; Howe, Herbert E.; Scott, William L.; and Bulvanoski, Leo J., 4,521,247, Cl. 75-77.000.

Bumann, Richard L.; and Chipman, Patrick G., to Burroughs Corporation. Terminal straightener for an integrated circuit package. 4,544,003, 10-1-85, Cl. 140-147.000.

Bumbera, John. Fingernail clipping device. 4,519,134, 5-28-85, Cl. 30-28.000.

Bumberger, Herbert: *See—*
Schiefer, Bernhard; and Bumberger, Herbert, 4,555,050, Cl. 222-597.000.

Bumgardner, Dewey; and Marple, Julian, Jr. Toilet seat cover safety latch. 4,561,130, 12-31-85, Cl. 4-253.000.

Bumgardner, Donald L., to Northern Telecom Limited. Adjustable height support device for a video display unit or the like. 4,544,122, 10-1-85, Cl. 248-346.000.

Bummer, Bruce L. Climbing assist apparatus having controlled descent and escape mechanism. 4,550,804, 11-5-85, Cl. 182-233.000.

Bump, Boyd E.: *See—*
Gee, Gary W.; Shumate, Daniel L.; Nieder, John J.; Bump, Boyd E.; and Kource, Robert D., 4,532,815, Cl. 73-864.630.

Bump, David S.: *See—*
  Baughman, Richard C.; Bump, David S.; and Hubbard, Charles R., 4,540,458, Cl. 156-312.000.
Bumpus, Boyd B.; Rosenblatt, Alex; and Rosenblatt, Leonard, to Globe Illumination. Suspended ceiling structures. 4,490,957, 1-1-85, Cl. 52-489.000.
Bunce, Earl G. Rotary engine. 4,512,302, 4-23-85, Cl. 123-238.000.
Bunce, William A. Fish attractor variable speed sliding attractor blade. 4,501,086, 2-26-85, Cl. 43-42.200.
Bunch, Earnest B., Jr. Paper roll feed rack for processing machine. 4,493,688, 1-15-85, Cl. 493-413.000.
Bunch, Earnest B., Jr. Timing adjustment mechanism for continuous form stationery folding machine 4,522,619, 6-11-85, Cl. 493-415.000.
Bunch, Earnest B., Jr., to B. Bunch Company, Inc. Delivery mechanism for paper sheet processing apparatus. 4,547,184, 10-15-85, Cl. 493-414.000.
Bunch, Ernest B., Jr., to B. Bunch Company, Inc. Printing press with parallel transverse weakening line mechanism. 4,558,644, 12-17-85, Cl. 101-226.000.
Bunch, Paul D.; and Stevens, Russell E., to Cameron Iron Works, Inc. Valve and stem seal therefor. 4,531,711, 7-30-85, Cl. 251-214.000.
Bundens, Allan B.: *See—*
  Campbell, John G.; Schoeneberger, Carl F.; Bundens, Allan B.; Fogle, Richard M.; and Lemburg, John R., 4,536,791, Cl. 358-122.000.
Bundschuh, Robert L.: *See—*
  Dunning, Walter B.; and Bundschuh, Robert L., 4,538,745, Cl. 222-153.000.
Bundy, Gordon L., to Upjohn Company, The. Pyridyl benzenediols. 4,501,892, 2-26-85, Cl. 546-270.000.
Bung, Richard; Gans, Karl; Schreyer, Gerold; and Welzel, Gerhard, to BASF Aktiengesellschaft. Apparatus for the preparation of bonding fibers from polymer dispersions. 4,534,720, 8-13-85, Cl. 425-7.000.
Bunge, Richard H.; French, James C.; Hurley, Timothy R.; Smitka, Tim A.; and Tunac, Josefino B., to Warner-Lambert Company. CL-1577 antibiotic compounds and their production. 4,530,835, 7-23-85, Cl. 424-117.000.
Bunge, Richard H.: *See—*
  Brankiewicz, Alex J.; Bunge, Richard H.; French, James C.; Hokanson, Gerard C.; Hurley, Timothy R.; and Schaumberg, John P., 4,539,203, Cl. 424-117.000.
Bungener, John H., to Pelouze Scale Company. Alarm and reset circuit for a countdown timer. 4,530,607, 7-23-85, Cl. 368-109.000.
Bungert, Theodor, to Hoechst Aktiengesellschaft. Pipe divider for pipes conveying solids. 4,536,104, 8-20-85, Cl. 406-183.000.
Bungert, Theodor, to Hoechst Aktiengesellschaft. Pipe divider for pipes conveying solids or dispersions. 4,536,105, 8-20-85, Cl. 406-183.000.
Bunke, Heinz: *See—*
  Triebel, Walter; and Bunke, Heinz, 4,559,472, Cl. 313-623.000.
Bunkenburg, Joachim: *See—*
  Smythe, Robert A.; Bunkenburg, Joachim; and Richardson, Gunnar D., 4,509,858, Cl. 356-358.000.
Bunker, James E., to Minnesota Mining and Manufacturing Company. Dentin and enamel adhesive. 4,540,722, 9-10-85, Cl. 523-109.000.
Bunker, James E.; and Fields, Richard P., to Minnesota Mining and Manufacturing Company. Light-curable dentin and enamel adhesive. 4,544,467, 10-1-85, Cl. 204-159.240.
Bunker, James W.; and Ritchie, Robert S., to United States of America, National Aeronautics and Space Administration. Slide release mechanism. 4,512,678, 4-23-85, Cl. 403-15.000.
Bunker, Keith G.: *See—*
  Ziehm, Richard T.; Wilczek, Stephen P.; Baker, George E.; Husted, Raymond R.; Dumas, Glen A.; Bunker, Keith G.; and Place, George H., Jr., 4,521,847, Cl. 364-184.000.
Bunker, Nathan S., to Stauffer Chemical Company. Insect repellent: 1-(3-phenoxy)-propyl-2,3-dibromopropionate. 4,552,896, 11-12-85, Cl. 514-550.000.
Bunker, Nathan S.: *See—*
  Wong, Rayman Y.; and Bunker, Nathan S., 4,547,324, Cl. 260-502.40R.
Bunker, Robert L. Dental floss applicator. 4,522,216, 6-11-85, Cl. 132-92.00R.
Bunkoczy, Bela, to Garrett Corporation, The. Toroidal pressure vessel. 4,561,476, 12-31-85, Cl. 141-311.00R.
Bunn, Christopher B., to DY-Core Systems Ireland Limited. Extrusion machine. 4,548,565, 10-22-85, Cl. 425-64.000.
Bunn, Dorrance P., Jr.: *See—*
  Niccum, Phillip K.; and Bunn, Dorrance P., Jr., 4,514,285, Cl. 208-148.000.
Bunn-O-Matic Corporation: *See—*
  Daugherty, Donald L., 4,503,757, Cl. 99-281.000.
  Stover, Kenneth W., 4,493,249, Cl. 99-275.000.
  Stover, Kenneth W., 4,531,046, Cl. 219-297.000.
Bunnel Life Systems, Inc.: *See—*
  Usry, Joe D.; Bunnell, James B.; and Faddis, Chris G., 4,538,604, Cl. 128-204.230.
Bunnell, Edward D., to AMP Incorporated. Shielded electrical connector for flat cable. 4,508,415, 4-2-85, Cl. 339-143.00R.
Bunnell, Edward D., to AMP Incorporated. Tool for matrix connector. 4,520,558, 6-4-85, Cl. 29-749.000.
Bunnell, Edward D., to AMP Incorporated. Matrix connector. 4,545,635, 10-8-85, Cl. 339-99.00R.
Bunnell, James B.: *See—*
  Usry, Joe D.; Bunnell, James B.; and Faddis, Chris G., 4,538,604, Cl. 128-204.230.
Bunnell Life Systems, Inc.: *See—*
  Usry, Joe D., 4,501,405, Cl. 251-7.000.
Bunnelle, Philip R., to FMC Corporation. Circuitry for operating an extendible boom and a service line. 4,510,971, 4-16-85, Cl. 137-615.000.
Bunnelle, William L.; and Lindmark, Richard C., Jr., to H. B. Fuller Company. Method for imparting elastic properties to a flexible substrate. 4,543,099, 9-24-85, Cl. 604-385.00A.
Bunnenberg, Claus: *See—*
  Kuhn, Wilhelm; and Bunnenberg, Claus, 4,553,087. Cl. 324-65.00P.
Bunner, Charles B. D.; and Brombal, David S., to Northern Telecom Limited. Backpanel assemblies. 4,511,950, 4-16-85, Cl. 361-413.000.
Bunno, Masayasu; Sugiura, Tsutomu; Tsuji, Masao; Harada, Hidemi; and Ichihara, Yoshihiro, to Kuraray Co., Ltd. Microbial process for producing 12α-hydroxypregna-1,4-dien-3-one-20α-carboxylic acid. 4,520,102, 5-28-85, Cl. 435-61.000.
Bunter, Guy: *See—*
  Porta, Augusto; Schaub, Maurice; Ayerbe, Andre; and Bunter, Guy, 4,560,455, Cl. 204-130.000.
Bunting Magnetics Company: *See—*
  Meister, Richard P., 4,511,028, Cl. 198-497.000.
Bunting, Richard M.; and Acampora, Alfonse, to RCA Corporation. Apparatus for frame-to-frame comb filtering composite TV signal. 4,498,100, 2-5-85, Cl. 358-31.000.
Bunz, Lewis A.: *See—*
  Schachter, Rozalie; Viscogliosi, Marcello; and Bunz, Lewis A., 4,509,066, Cl. 357-2.000.
  Schachter, Rozalie; Viscogliosi, Marcello; and Bunz, Lewis A., 4,558,340, Cl. 357-23.700.
Buon, Georges; and Fidel, Howard, to Biosound, Inc. Ultrasonic sector scanner. 4,494,548, 1-22-85, Cl. 128-660.000.
Buonamici, Metilde: *See—*
  Merlini, Lucio; Rossi, Alessandro; and Buonamici, Metilde, 4,497,820, Cl. 514-432.000.
Buoncristiani, Vincenzo. Method for the automatic semicontinuous peritoneal dialysis. 4,498,900, 2-12-85, Cl. 604-28.000.
Buonicore, Anthony J., to Buonicore-Cashman Associates, Inc. Apparatus for hot degassing residual olefin oxide from sterilized product. 4,549,363, 10-29-85, Cl. 34-216.000.
Buonicore-Cashman Associates, Inc.: *See—*
  Buonicore, Anthony J., 4,549,363, Cl. 34-216.000.
Buonomo, Franco: *See—*
  Neri, Carlo; and Buonomo, Franco, 4,495,371, Cl. 568-427.000.
Buonomo, Joseph P.; and Perry, Wendell L., to International Business Machines Corporation. Test verification of processor architecture having a partial instruction set. 4,520,440, 5-28-85, Cl. 364-200.000.
Buonomo, Joseph P.: *See—*
  Agnew, Palmer W.; Buonomo, Joseph P.; Houghtalen, Steven R.; Kellerman, Anne S.; Losinger, Raymond E.; and Valashinas, James W., 4,514,803, Cl. 364-200.000.
Buoyco (Divers) Limited: *See—*
  Buckle, Brian L.; and Heesom, Neil C., 4,527,582, Cl. 137-81.200.
Bupp, James R.; Lemon, Gary K.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., to International Business Machines Corporation. Method for conditioning a surface of a dielectric substrate for electroless plating. 4,554,182, 11-19-85, Cl. 427-304.000.
Bura, Paul, to Northern Telecom Limited. High frequency amplifier with phase compensation. 4,535,304, 8-13-85, Cl. 330-300.000.
Buracchi, Livio: *See—*
  Giobbio, Vincenzo; Ornato, Giorgio; Buracchi, Livio; and Mangia, Alberto, 4,526,985, Cl. 549-253.000.
Burack, Robert D.; and Saska, Thomas J., to Westinghouse Electric Corp. Flexible induction brazing wand for hollow tubes. 4,532,396, 7-30-85, Cl. 219-10.49R.
Buran, Ulrich; Fischer, Manfred; and Neuehauser, Hans J., to Goetze AG. Spray powder for the manufacture of wear resistant and temperature resistant coatings. 4,542,111, 9-17-85, Cl. 501-127.000.
Burandt, Corliss O., to Investment Rarities, Incorporated. Mechanism for variably controlling an internal combustion engine valve. 4,495,902, 1-29-85, Cl. 123-90.160.
Burandt, Wesley A.; and Aldrich, Allyn M., to Sundstrand Corporation. Multiple displacement motor driven power drive unit. 4,555,978, 12-3-85, Cl. 91-506.000.
Buratovich, Prosper. Animal leash. 4,537,155, 8-27-85, Cl. 119-109.000.
Burba, Christian; and Franz, Herbert, to Schering Aktiengesellschaft. Epoxy resin/cycloaliphatic amine curing agent mixtures. 4,525,571, 6-25-85, Cl. 528-111.000.
Burba, Christian; Goeke, Ulrich; and Esper, Norbert, to Schering Aktiengesellschaft. Polyvinyl chloride plastisols. 4,533,524, 8-6-85, Cl. 427-372.200.
Burba, John L., III, to Dow Chemical Company, The. Crystalline 3-layer lithium aluminates. 4,540,509, 9-10-85, Cl. 252-184.000.
Burba, John L., III: *See—*
  Wang, Chun S.; Benkendorfer, Kyle B.; and Burba, John L., III, 4,511,710, Cl. 528-485.000.
Burban, Jean-Luc: *See—*
  Bouteille, Daniel; Petrimaux, Eric; and Burban, Jean-Luc, 4,492,149, Cl. 92-5.00R.
Burbank, Charles H.; and Lewis, Robert J., to Raymond Corporation, The. Material handling vehicle. 4,534,433, 8-13-85, Cl. 180-19.100.
Burbank, Edward W., Jr. Wireline tension gage. 4,534,228, 8-13-85, Cl. 73-862.450.
Burbank, John E., III; and Montgomery, John R., to Minnesota Mining and Manufacturing Company. Transport apparatus for microfiche cards. 4,493,540, 1-15-85, Cl. 353-122.000.

- Burbank, John E., III, to Minnesota Mining and Manufacturing Company. Card separating members for a microfiche storage and retrieval system. 4,540,257, 9-10-85, Cl. 353-103.000.
- Burbank, Raymond W.; and Myers, Christopher A., to Motorola, Inc. Shock absorbing transducer module. 4,550,429, 10-29-85, Cl. 381-90.000.
- Burberry, Lee M.: *See—*
  - Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., 4,551,829, Cl. 370-3.000.
- Burborough, William R., to Lucas Industries Public Limited Company. Fuel injection pump of the rotary distributor type. 4,512,727, 4-23-85, Cl. 417-462.000.
- Burch, David J. Portable car wash unit. 4,546,903, 10-15-85, Cl. 222-130.000.
- Burch, Donald F.: *See—*
  - Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., 4,501,541, Cl. 425-117.000.
  - Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., 4,542,887, Cl. 264-46.400.
- Burch, John. Method and apparatus for time based measurement of impedance. 4,546,441, 10-8-85, Cl. 364-482.000.
- Burchette, Herbert L., to United Technologies Corporation. Joints between cylinders of different materials. 4,552,386, 11-12-85, Cl. 285-187.000.
- Burchfield, William L.; Carr, Edward L.; and Laskowski, Gordon J., to United States of America, Navy. Bridge crane. 4,534,476, 8-13-85, Cl. 212-190.000.
- Burck, Philip J.: *See—*
  - Zimmerman, Ronald E.; Burck, Philip J.; Jones, C. David; and Thakkar, Arvind L., 4,493,699, Cl. 604-55.000.
- Burckardt, Karl-Heinz: *See—*
  - Bahr, Dietrich J.; Burckardt, Karl-Heinz; Goldrian, Gottfried; Rudolph, Volker; and Spruth, Wilhelm G., 4,536,769, Cl. 346-1.100.
- Burckhardt, Christof W.; Stauber, Phillippe; and Piller, Gerard. Device for measuring force. 4,552,028, 11-12-85, Cl. 73-862.040.
- Burckhardt, Christophe W.; Fournier, Jacques; and Stauber, Phillippe, to Tesa S.A. Capacitive device for the measurement of displacements. 4,543,526, 9-24-85, Cl. 324-61.00R.
- Burckhardt, Klaus A.; and Blessing, Jules C., to Messer Griesheim Industries, Inc. Method and apparatus for improving oxygen burner performance in a glass furnace. 4,539,035, 9-3-85, Cl. 65-136.000.
- Burckhardt, Manfred; and Schulte, Herbert, to Daimler-Benz Aktiengesellschaft. Device for cooling motor vehicle wheels. 4,503,944, 3-12-85, Cl. 188-71.600.
- Burckhardt, Manfred: *See—*
  - Solleder, Friedrich; Krohn, Hellmut; Burckhardt, Manfred; and Brugger, Franz, 4,509,802, Cl. 303-110.000.
- Burco-Dean Limited: *See—*
  - Kay, Arthur S., 4,527,539, Cl. 126-39.00R.
- Burczynski, Thomas J. Expanding projectiles. 4,550,662, 11-5-85, Cl. 102-509.000.
- Burd, David E. Pod lifting adaptor. 4,516,801, 5-14-85, Cl. 294-81.500.
- Burd, John F.: *See—*
  - Benovic, Jeffrey L.; Buckler, Robert T.; Burd, John F.; and Li, Thomas M., 4,533,493, Cl. 260-112.00B.
- Burd, Samuel: *See—*
  - Fernwood, George G.; and Burd, Samuel, 4,493,815, Cl. 422-101.000.
  - La Motte, George B., III; and Burd, Samuel, 4,493,896, Cl. 435-287.000.
- Burda, Dan S., to MAC Corporation of America. Current draw-actuated hydraulic drive arrangement for rotary shredder. 4,560,110, 12-24-85, Cl. 241-36.000.
- Burda, Ferencne: *See—*
  - Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, 4,533,638, Cl. 435-288.000.
- Burda, Josef: *See—*
  - von Laar, Klaus; Heberlein, Werner; and Burda, Josef, 4,534,294, Cl. 102-520.000.
- Burdeska, Kurt; Kabas, Guglielmo, deceased (by Kabas-Maskulinski, Anni, heir); Brunner, Hans-Georg; and Fory, Werner, to Ciba-Geigy Corporation. Phenylpyrimidines as antidotes for protecting cultivated plants against phytotoxic damage caused by herbicides. 4,493,726, 1-15-85, Cl. 71-87.000.
- Burdett, Joseph W.: *See—*
  - Poynor, Paul C.; and Burdett, Joseph W., 4,514,282, Cl. 208-56.000.
- Burdette, John H.: *See—*
  - Morawetz, Peter L.; and Burdette, John H., 4,528,984, Cl. 128-421.000.
- Burdg, Charles E.: *See—*
  - Umble, Don G.; Choong, Tsi-Pin; Izzo, Kenneth R.; Burdg, Charles E.; Hankin, Gary H.; and Dalke, Charles A., 4,512,179, Cl. 73-4.00R.
- Burdick, Aron: *See—*
  - Braun, Alfred J.; Burdick, Aron; and Scarton, Henry A., 4,526,729, Cl. 261-36.00A.
- Burdick, Charles L., to Hercules Incorporated. Froth flotation process. 4,514,292, 4-30-85, Cl. 209-167.000.
- Burdick, Glen A.; Collins, Floyd K.; and Kuryla, Alan T., to North American Philips Consumer Electronics Corp. CRT shunt retaining means. 4,547,697, 10-15-85, Cl. 313-412.000.
- Burdick, Laura M. Packaging for health care products. 4,498,590, 2-12-85, Cl. 206-581.000.
- Burdick, Thomas H.; Vasconcellos, Alfred; and Whitney, William G., to W. G. Whitney Corporation. Warmer for temperature conditioning wet dressings and other articles. 4,495,402, 1-22-85, Cl. 219-214.000.
- Burdine, Charles M. Mechanical wood splitter. 4,561,479, 12-31-85, Cl. 144-193.00B.
- Burdon, Kenneth A., Jr., to Paccar Inc. Hydraulic control system for a hydrostatic transmission and clutches. 4,491,208, 1-1-85, Cl. 192-4.00R.
- Buren, Kurt J. A.: *See—*
  - Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., 4,508,565, Cl. 75-77.000.
  - Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., 4,512,798, Cl. 75-3.000.
- Buren, Lawrence L.: *See—*
  - Large, George B.; and Buren, Lawrence L., 4,525,202, Cl. 71-86.000.
- Burford, Henry H. T., Jr.: *See—*
  - Provisor, Zvi; and Burford, Henry H. T., Jr., 4,517,638, Cl. 364-146.000.
- Burg, Karlheinz: *See—*
  - Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, 4,504,670, Cl. 549-347.000.
- Burgan, Thomas J., to Chicago Rawhide Manufacturing Company. Fluid seals with self-venting auxiliary lips. 4,522,411, 6-11-85, Cl. 277-134.000.
- Burgard, Michel; Piteau, Marc D.; Rollat, Alain J.; and Senet, Jean-Pierre G., to Societe Nationale des Poudres et Explosifs. Extraction of metals from aqueous solutions with cyclic organic carbonates. 4,499,057, 2-12-85, Cl. 423-8.000.
- Burgbacher, Herbert: *See—*
  - Breisinger, Otto; and Burgbacher, Herbert, 4,537,284, Cl. 184-7.400.
- Burgdorf, Jochen; and Budecker, Ludwig, to ITT Industries, Inc. Spherical piston pump. 4,505,652, 3-19-85, Cl. 417-462.000.
- Burgdorf, Jochen; and Steffes, Helmut, to ITT Industries, Inc. Power brake unit. 4,543,791, 10-1-85, Cl. 6-550.000.
- Burgdorf, Jochen; and Stoka, Roberto, to ITT Industries, Inc. Floating-caliper disc brake. 4,552,253, 11-12-85, Cl. 188-73.380.
- Burgdorf, Jochen: *See—*
  - Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; and Weise, Lutz, 4,492,413, Cl. 303-92.000.
  - Belart, Juan; Burgdorf, Jochen; Weise, Lutz; Kircher, Dieter; and Goossens, Andre F. L., 4,521,061, Cl. 303-114.000.
  - Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, 4,523,791, Cl. 303-92.000.
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  - Davis, Delbert A., 4,501,791, Cl. 428-286.000.
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- Burmeister, Joachim; Buhl, Reinhard; and Westphal, Paul, to Lemforder Metallwaren AG. Ball and socket joint, particularly for heavily loaded joint linkages in motor vehicles. 4,538,935, 9-3-85, Cl. 403-140.000.
- Burmeister, Kevin L., to Graphite Sales, Inc. Mold plug and method for sealing an ingot mold. 4,556,097, 12-3-85, Cl. 164-137.000.
- Burmeister, Kevin L.: *See—*
  - Carlson, Walter H.; Zander, Gerald B.; Hanna, George C.; and Burmeister, Kevin L., 4,536,379, Cl. 423-345.000.

- Burmester, Alan F.: *See—*
  - Cleereman, Kenneth J.; Raspor, O. Carl; and Burmester, Alan F., 4,510,108, Cl. 264-119.000.
- Burn, Ian, to Sprague Electric Company. Newtonian ceramic slip and process for using. 4,510,175, 4-9-85, Cl. 427-79.000.
- Burn, William H., to Crescent Hosiery Mills. Crew sock with nonroll selvage top. 4,499,742, 2-19-85, Cl. 66-172.00E.
- Burnam, Michael H.: *See—*
  - Shell, William E.; Burnam, Michael H.; and Tokes, Zoltan A., 4,492,753, Cl. 435-17.000.
- Burnand, Richard P.: *See—*
  - Phaal, Cornelius; Pipkin, Noel J.; and Burnand, Richard P., 4,534,773, Cl. 51-293.000.
- Burndy Corporation: *See—*
  - Anderson, James D.; and Crossin, Patrick, 4,542,583, Cl. 29-749.000.
  - Blackwood, Harry P., 4,533,191, Cl. 339-31.00R.
  - Blackwood, Harry P., 4,533,193, Cl. 339-65.000.
  - Feldberg, Leonard, 4,533,199, Cl. 339-99.00R.
  - Frank, Walter, 4,533,205, Cl. 339-247.000.
  - Movher, George C., 4,490,904, Cl. 29-864.000.
  - Noschese, Rocco J., 4,556,268, Cl. 339-74.00R.
- Burnes, Edward E.; and Bhatia, Kishan, to NL Industries, Inc. Process of removing hydrogen sulfide from gas mixtures. 4,515,759, 5-7-85, Cl. 423-220.000.
- Burnett, Arthur P.; and Bollinger, Wayne C., to Dentsply Research & Development Corp. Nickel based casting alloy. 4,556,534, 12-3-85, Cl. 420-445.000.
- Burnett, Curtis E., to Romac Industries, Inc. Liquid piping saddle assembly connecting a branch pipe to a main pipe. 4,494,780, 1-22-85, Cl. 285-177.000.
- Burnett, Jesse W.; and Hall, Homer H., to General Electric Company. Electrical brazing anti-arcing control circuit. 4,528,437, 7-9-85, Cl. 219-85.0CA.
- Burnett, John S. Support member. 4,493,877, 1-15-85, Cl. 428-542.800.
- Burnett, Lauren W., to Energy Conservation Innovations, Inc. Electronically controlled fuel injection system for diesel engine. 4,544,096, 10-1-85, Cl. 239-92.000.
- Burnett, Mark B.: *See—*
  - Medeiros, David J.; and Burnett, Mark B., 4,533,743, Cl. 549-489.000.
- Burnett, Patricia A., to Panett Corporation. Urine specimen collection system. 4,559,649, 12-24-85, Cl. 4-144.100.
- Burnham, Charles A.; Bradshaw, John F., Jr.; Kaufman, David E.; Chesler, David A.; and Brownell, Gordon L., to Massachusetts General Hospital. Positron source position sensing detector and electronics. 4,531,058, 7-23-85, Cl. 250-363.00S.
- Burnham, J. Kellogg. Coordinated lathe chuck. 4,524,983, 6-25-85, Cl. 279-110.000.
- Burnham, Robert D.; Scifres, Donald R.; and Streifer, William, to Xerox Corporation. Injection lasers with quantum size effect transparent waveguiding. 4,546,480, 10-8-85, Cl. 372-45.000.
- Burnham, Robert D.: *See—*
  - Scifres, Donald R.; Streifer, William; and Burnham, Robert D., 4,555,785, Cl. 372-8.000.
- Burnham, Robert E., to BPA Calscan, Inc. Photodosimeter. 4,535,244, 8-13-85, Cl. 250-372.000.
- Burnham, Robert F.; Gibbon, Alan; and Harry, John E., to Johnson Matthey Public Limited Company. Plasma arc furnaces. 4,521,890, 6-4-85, Cl. 373-22.000.
- Burnham, Stephen R.; and Henry, Paul M., to Burr-Brown Corporation. Band gap voltage reference circuit. 4,524,318, 6-18-85, Cl. 323-313.000.
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- Burns, Bryan L.; and Callahan, Michael W., to United States of America, Air Force. Bistatic pulse-overlap Doppler radar intrusion detection apparatus. 4,540,978, 9-10-85, Cl. 340-554.000.
- Burns, Carmen; and Grabbe, Dimitry, to AMP Incorporated. Hermetically sealed chip carrier. 4,560,826, 12-24-85, Cl. 174-52.0FP.
- Burns, Daniel E., to Demco, Inc. Portable field site pre-cooling apparatus. 4,532,774, 8-6-85, Cl. 62-239.000.
- Burns, Donald A.; Margoshes, Marvin; and Cassaday, Michael M., to Technicon Instruments Corporation. Sample transport system. 4,526,754, 7-2-85, Cl. 422-82.000.
- Burns, Edgar; Johnson, James W.; and Kimbrough, Adele R., to Automation Industries, Inc. Locking means for a plug and receptacle connector. 4,530,559, 7-23-85, Cl. 339-90.00R.
- Burns, Edgar A.; and Johnson, James W., to Automation Industries, Inc. Locking means for a plug and receptacle electrical connector. 4,547,032, 10-15-85, Cl. 339-90.00R.
- Burns, Eugene A.; and Colby, Bruce N., to Maxwell Laboratories, Inc. Method of extracting organic contaminants from process waters. 4,518,502, 5-21-85, Cl. 210-634.000.
- Burns, Gary D.; and Schaber, Scott D., to Sperry Corporation. Read error occurrence detector for error checking and correcting system. 4,523,314, 6-11-85, Cl. 371-38.000.
- Burns, Gary D.; Mackenthun, Donald W.; and Schaber, Scott D., to Sperry Corporation. Gray code counter with error detector in a memory system. 4,528,665, 7-9-85, Cl. 371-51.000.
- Burns, Jack M.: *See—*
  - Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S., 4,527,816, Cl. 285-81.000.
- Burns, James A., to Becton, Dickinson and Company. Automatic retractable lancet assembly. 4,527,561, 7-9-85, Cl. 128-314.000.
- Burns, James A., to Becton, Dickinson and Company. One step anticoagulant coating. 4,529,614, 7-16-85, Cl. 427-2.000.
- Burns, James A., to Becton, Dickinson and Company. Automatic retractable lancet assembly. 4,535,769, 8-20-85, Cl. 128-314.000.
- Burns, James A.; and Nolan, Dennis C., to Allen-Bradley Company. Overcurrent detection device. 4,553,187, 11-12-85, Cl. 361-96.000.
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- Burns, John W., to Marconi Company Limited, The. Planar, quadrature microwave coupler. 4,492,939, 1-8-85, Cl. 333-116.000.
- Burns, John W. Two-stage toilet flush valve assembly. 4,504,984, 3-19-85, Cl. 4-326.000.
- Burns, Kenneth R.; and Early, Jack J., to Engelhard Corporation. Method and means for controlling air-to-fuel ratio. 4,526,001, 7-2-85, Cl. 60-274.000.
- Burns, Kenneth R.; and Hazel, Robert L., to Burroughs Corporation. Strobe for read/write chain. 4,544,964, 10-1-85, Cl. 360-51.000.
- Burns, Kenneth R.: *See—*
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- Burns, Lynn V. Method and harvester attachment for stabilizing grapevines during harvesting. 4,561,241, 12-31-85, Cl. 56-330.000.
- Burns, Mike L.: *See—*
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- Burns, Peter: *See—*
  - Atherton, Paul; Burns, Peter; and Green, Brian N., 4,562,351, Cl. 250-288.000.
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  - Moodie, Eldon E.; and Burns, Richard D., 4,533,587, Cl. 428-166.000.
- Burns, Richard H.; Hall, William M.; and Hildebrand, Bernard P., to Singer Company, The. Holographic projection screen. 4,500,163, 2-19-85, Cl. 350-3.700.
- Burns, Richard J.; Willeboordse, Friso G.; and Cohen, Martin F., to Union Carbide Corporation. Fountain solutions suitable for use in lithographic offset printing. 4,560,410, 12-24-85, Cl. 106-2.000.
- Burns, Richard J.: *See—*
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  - Sergovic, John A.; and McClinton, John L., 4,555,375, Cl. 264-259.000.
- Burns, Simon P.; Walton, John M.; and McEntire, Edward E., to Texaco Inc. Method of separating primary amines from tertiary amines using non-polar hydrocarbon solvent and water. 4,552,958, 11-12-85, Cl. 544-177.000.
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- Burns, William, to Sony Corporation. Carton flap holder. 4,528,800, 7-16-85, Cl. 53-492.000.
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- Burns, William P., Jr. Method and apparatus for cleaning gripper assemblies. 4,540,445, 9-10-85, Cl. 134-21.000.
- Burnside, Donald L. Helicopter dolly. 4,516,744, 5-14-85, Cl. 244-17.170.
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- Burow, Kenneth W., Jr., to Eli Lilly and Company. Oxazolyl and thiazolyl amides as herbicides. 4,500,343, 2-19-85, Cl. 71-76.000.

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- Burr, Bruce H.; Dolezal, George E.; and Galle, Edward M., to Hughes Tool Company. Earth boring drill bit with snap ring cutter retention. 4,491,428, 1-1-85, Cl. 384-93.000.
- Burr, Bruce H., to Hughes Tool Company. Earth boring bit with pressure compensating rigid face seal. 4,516,641, 5-14-85, Cl. 175-228.000.
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- Burr, J. Kelsey, to Halkey-Roberts Corporation. Personal flotation device. 4,560,356, 12-24-85, Cl. 441-80.000.
- Burr, John, to M/A Com, Inc. Re-entrant cathode support. 4,547,693, 10-15-85, Cl. 313-270.000.
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- Burrell, Alfred A. System for labelling storage drawers. 4,559,730, 12-24-85, Cl. 40-324.000.
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- Burrell, David E., to Owens-Illinois, Inc. Octagonal container and blank therefor. 4,502,624, 3-5-85, Cl. 229-41.00C.
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- Burrington, James D.; and Blachman, Marc W., to Standard Oil Company, The. Catalytic dimerization of acrylonitrile. 4,500,468, 2-19-85, Cl. 260-465.80D.
- Burrington, James D.; Pesa, Fred A.; Maher, Elizabeth A.; and Grasselli, Robert K., to Standard Oil Company, The. Leach resistant catalyst useful for the dimerization of acrylic compounds. 4,519,954, 5-28-85, Cl. 260-465.80D.
- Burrington, James D.; Grasselli, Robert K.; Pesa, Fred; and Maher, Elizabeth A., to Standard Oil Company, The. Process for making dimerization catalysts. 4,560,730, 12-24-85, Cl. 525-340.000.
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- Burris, Donald J., to Burris Company. Variable-power riflescope with range-compensating reticle and a field stop diaphram centered off the optical axis. 4,497,548, 2-5-85, Cl. 350-560.000.
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Rayfield, Wilson P.; Peter, Emmett B., III; and Shultz, Richard E., 4,500,085, Cl. 271-207.000.
Rice, Rex, 4,514,023, Cl. 339-17.0CF.
Rinker, Larry C., 4,527,847, Cl. 339-5.00R.
Robertson, John A., 4,548,456, Cl. 339-75.0MP.
Schwartz, Sidney J., deceased, 4,513,396, Cl. 365-6.000.
Schwartz, Sidney J., deceased, 4,520,459, Cl. 365-15.000.
Seitz, Charles L.; Grunewald, Paul; Parker, Marshall M.; and Stafford, Irvin G., 4,513,278, Cl. 340-347.0DA.
Sellars, Graham P., 4,519,007, Cl. 360-77.000.
Sellars, Graham P., 4,546,395, Cl. 360-77.000.
Sellars, Graham P., 4,554,600, Cl. 360-77.000.
Sheth, Jayesh V., 4,534,013, Cl. 364-900.000.
Spisz, Albert S., 4,551,118, Cl. 464-182.000.
Sprenkle, George J., 4,507,861, Cl. 29-741.000.
Sprenkle, George J., 4,521,959, Cl. 29-741.000.
Sutton, David; and Neill, Jimmie, 4,491,961, Cl. 382-41.000.
Tezucar, Okan K.; and Parisi, David A., 4,533,913, Cl. 340-805.000.
Trethewey, Paul M., 4,556,964, Cl. 369-44.000.
Tustaniwskyj, Jerry I., 4,506,941, Cl. 339-75.00M.
Voecks, William F., Jr., 4,491,312, Cl. 271-127.000.
Warren, Robert G.; and Robertson, Michael A., 4,516,201, Cl. 364-200.000.
Yum, Daniel, 4,506,173, Cl. 307-466.000.
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Burroughs, James A., to United States of America, Navy. High-speed bipolar logarithmic analog-to-digital converter. 4,529,966, 7-16-85, Cl. 340-347.0CC.

Burroughs, Robert C. Return top. 4,555,235, 11-26-85, Cl. 446-250.000.

Burroughs, Robert H.; Wright, John D.; Secunda, Jeffrey A.; and Newbower, Ronald S., to Massachusetts General Hospital. Hand printer designed to enable a handicapped person to apply a signature to a document. 4,537,128, 8-27-85, Cl. 101-407.0BP.

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Abrahams, Sanders L., 4,491,591, Cl. 424-274.000.
Bair, Kenneth W., 4,511,582, Cl. 514-654.000.
Bair, Kenneth W., 4,530,800, Cl. 260-501.210.
Bair, Kenneth W., 4,532,344, Cl. 560-252.000.
Bair, Kenneth W., 4,551,282, Cl. 260-501.180.
Copp, Frederick C.; and Eakins, Kenneth E., 4,556,671, Cl. 514-404.000.
Duch, David S.; Nichol, Charles A.; and Sigel, Carl W., 4,512,992, Cl. 514-258.000.
El-Sayad, Hassan A.; Swaringen, Roy A., Jr.; and Yeowell, David A., 4,491,665, Cl. 546-140.000.
Farrell, Geoffrey, 4,499,012, Cl. 252-522.00A.
Farrell, Geoffrey, 4,549,996, Cl. 261-19.000.
Hardy, George W.; Lowe, Lawrence A.; and Smith, Terence W., 4,540,682, Cl. 514-18.000.
Jones, Harry P., 4,555,504, Cl. 514-26.000.
Kneen, Geoffrey, 4,535,183, Cl. 514-568.000.
Krenitsky, Thomas A., 4,544,634, Cl. 435-119.000.
Moncada, Salvador, 4,539,333, Cl. 514-469.000.
Stern, Warren C., 4,507,723, Cl. 514-649.000.
Stratford, Michael G.; and Spencer-Watkins, Harry C., 4,550,745, Cl. 137-99.500.
Wilkinson, Samuel; and Hardy, George W., 4,504,492, Cl. 514-522.000.
Wisowaty, James C.; Swaringen, Roy A.; and Yeowell, David A., 4,500,711, Cl. 544-258.000.

Burrows, Aubrey L.; Mabley, Paul B.; and Field, Steven J., to Ethyl Petroleum Additives, Inc. Liquid fuels and concentrates containing corrosion inhibitors. 4,511,366, 4-16-85, Cl. 44-53.000.

Burrows, Donald L., to Everest and Jennings Canadian Limited. Drive mechanism for invalid carriages. 4,504,094, 3-12-85, Cl. 301-6.00R.

Burrows, Esther J. Walker with a flexible seat. 4,532,948, 8-6-85, Cl. 135-67.000.

Burrows, James L., to United States of America, Air Force. Variable radix processor. 4,528,641, 7-9-85, Cl. 364-757.000.

Burrows, James L., to Sanders Associates, Inc. Universal logic circuit. 4,558,236, 12-10-85, Cl. 307-465.000.

Burrows, Richard: *See—*
Virr, Michael J.; and Burrows, Richard, 4,528,945, Cl. 122-4.00D.

Burrus, Charles A., Jr.; and Stone, Julian, to AT&T Bell Laboratories. Method for optical fiber fabrication including deuterium/hydrogen exchange. 4,515,612, 5-7-85, Cl. 65-3.120.

Burrus, Charles A., Jr.; and Lin, Chinlon, to AT&T Bell Laboratories. Short coupled cavity laser. 4,528,670, 7-9-85, Cl. 372-44.000.

Burrus, Harry O., to Du Pont de Nemours, E. I., and Company. Process for preparing sulfur dioxide. 4,491,572, 1-1-85, Cl. 423-539.000.

Burrus, Harry O., to Du Pont de Nemours, E. I., and Company. Hypochlorite destruction using urea. 4,508,697, 4-2-85, Cl. 423-499.000.

Burry, Daniel C.: *See—*
Coy, Charles H., 4,517,427, Cl. 219-10.510.

Bursa, Miloslav; Musil, Frantisek; and Podmela, Ladislav, to Prvni brnenska strojirna, koncernovy podnik. Gear transmission. 4,537,094, 8-27-85, Cl. 74-804.000.

Bursa, Miloslav: *See—*
Sladek, Zdenek; Musil, Frantisek; Podmela, Ladislav; and Bursa, Miloslav, 4,542,664, Cl. 74-804.000.

Bursh, Talmage P., Jr.; Davis, Dean I.; Slominski, John T.; and Swartz, Raymond K., to AT&T Bell Laboratories; and AT&T Technologies, Inc. Shielded cable. 4,510,346, 4-9-85, Cl. 174-36.000.

Burson, Bob O., to R. E. Phelon Company, Incorporated. Fail safe ignition cut-off system. 4,531,500, 7-30-85, Cl. 123-630.000.

Burson, Kyle L.; Early, Scott H.; and Ganesan, Apparajan, to AT&T Laboratories. CMOS operational amplifier. 4,554,515, 11-19-85, Cl. 330-261.000.

Burson, Richard L., to Dow Chemical Company, The. 2,3-dichloro-5-iodopyridine and methods of making and using the same. 4,517,368, 5-14-85, Cl. 546-303.000.

Burstain, Israel G.; and Goodall, Brian L., to Shell Oil Company. Copolymerization catalyst and process for polymerizing impact resistant ethylene-propylene polymers. 4,543,389, 9-24-85, Cl. 525-53.000.

Burstell, Helmut: *See—*
Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, 4,492,598, Cl. 71-93.000.

Bursztejn, Jacques; and Part, Michel, to Thomson-CSF. Direct microwave demodulator of PSK signals with automatic gain control. 4,559,499, 12-17-85, Cl. 329-50.000.

Bursztejn, Jacques; and Babany, Lucien, to Thomson-CSF. Transmitter-receiver station having low power consumption for a two-way communication link. 4,562,307, 12-31-85, Cl. 179-2.00E.

Burt, Dan L.: *See—*
Anderson, George F.; and Burt, Dan L., 4,495,222, Cl. 427-89.000.

Burt, Edward A.: *See—*
Goins, Dixie E.; Huggins, Harold V.; Burt, Edward A.; and Holmes, Silas W., 4,560,809, Cl. 568-789.000.

Burt, James G., to Cellu Products Company. Method and apparatus for recovering blowing agent from scrap foam. 4,531,950, 7-30-85, Cl. 55-23.000.

Burt, James G.; and Franklin, Boyd M., to Cellu Products Company. Method and apparatus for recovering blowing agent in foam production. 4,531,951, 7-30-85, Cl. 55-23.000.

Burt, Richard A.: *See—*
Baranyi, Giuseppa; Kazmaier, Peter M.; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,524,218, Cl. 564-307.000.
Horgan, Anthony M.; Kazmaier, Peter M.; and Burt, Richard A., 4,507,480, Cl. 546-94.000.
Kazmaier, Peter M.; Baranyi, Guiseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,552,822, Cl. 430-59.000.
Kazmaier, Peter M.; Baranyi, Giuseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,559,286, Cl. 430-59.000.

Burtch, John E.; and Hill, James A., to Owens-Illinois, Inc. Universal hot air nozzle and seal bar with adjustable cam. 4,555,296, 11-26-85, Cl. 156-446.000.

Burtchell, Darrell A. Tappet. 4,549,509, 10-29-85, Cl. 123-90.160.

Burthel, Wolfgang: *See—*
Bender, Franz; Blumensaat, Klaus; and Burthel, Wolfgang, 4,556,170, Cl. 236-86.000.

Burtin, Jean: *See—*
Van Humbeeck, Freddy J.; Burtin, Jean; and Van Meenen, Johnny P., 4,541,317, Cl. 83-34.000.

Burton, C. Leonard: *See—*
Klein, Gregory L.; and Burton, C. Leonard, 4,521,121, Cl. 384-100.000.

Burton, Charles A.; and Banovic, Peter, to Yellowstone Ltd. Automatic ladling apparatus. 4,516,699, 5-14-85, Cl. 222-591.000.

Burton, Christopher P.; and Johnson, Kenneth C., to International Computers Limited. Data processing network. 4,523,192, 6-11-85, Cl. 340-825.570.

Burton, Clement; Kremer, Andre; Stomp, Hubert; and Solvi, Marc. Centrifugal drum for metallurgical slag. 4,492,342, 1-8-85, Cl. 241-67.000.

Burton, David P., to Analog Devices, Incorporated. Signal-controllable attenuator employing a digital-to-analog converter. 4,521,764, 6-4-85, Cl. 340-347.0DA.

Burton Energy and Solar Technology Inc.: *See—*
  Chertok, Burton Z., 4,503,840, Cl. 126-444.000.

Burton, Greg, to Fairchild Camera & Instrument Corporation. Semiconductor planarization process and structures made thereby. 4,539,744, 9-10-85, Cl. 29-580.000.

Burton, James A., to Hydril Company. Apparatus for forming boreholes. 4,554,982, 11-26-85, Cl. 175-75.000.

Burton, James A.; Elkins, Hubert L.; and Goodhart, Milton E., to Hydril Company. Method and apparatus for forming boreholes. 4,558,750, 12-17-85, Cl. 175-61.000.

Burton, James S.: *See—*
  Marks, Robert E.; Burton, James S.; Elvidge, John A.; and Shah, Saresh, 4,505,898, Cl. 514-18.000.

Burton, Lester P. J., to Ethyl Corporation. Phenolic phosphite antioxidant and process for preparation thereof. 4,526,918, 7-2-85, Cl. 524-150.000.

Burton, Philip J., to Charles Winn (Valves) Limited. Butterfly and ball valves. 4,560,142, 12-24-85, Cl. 251-306.000.

Burton, Philip J.: *See—*
  Beauchamp, David C.; and Burton, Philip J., 4,491,298, Cl. 251-306.000.

Burton, Richard J.: *See—*
  Lubchenko, Eugene; Hoke, Leander H., Jr.; and Burton, Richard J., 4,496,986, Cl. 358-114.000.

Burton, Rufus L., Jr.: *See—*
  Dunham, David A.; Riggs, Robert P.; and Burton, Rufus L., Jr., 4,512,553, Cl. 254-89.00R.

Burton, Thomas M.; and Kucharska, Helena Z., to Fiberglas Canada Inc. Method of producing polyester foams using borohydride dispersions. 4,514,523, 4-30-85, Cl. 521-85.000.

Burton, Thomas M.; and Kucharska, Helena Z., to Fiberglas Canada Inc. Method of producing polyester foams using borohydride dispersions. 4,560,706, 12-24-85, Cl. 521-85.000.

Burton, Thomas M.: *See—*
  Kucharska, Helena Z.; and Burton, Thomas M., 4,507,406, Cl. 521-85.000.
  Kucharska, Helena Z.; and Burton, Thomas M., 4,550,124, Cl. 521-85.000.

Burton, William H.; and Snow, William E., to AT&T Technologies, Inc.; and AT&T Bell Laboratories. Methods of aligning and mounting a plurality of electrical leads to a plurality of terminals. 4,505,035, 3-19-85, Cl. 29-843.000.

Buruato, Juventino: *See—*
  Muse, John F.; Riddle, Harry W.; Zeiler, Frank S.; and Buruato, Juventino, 4,531,582, Cl. 166-241.000.

Burwasser, Herman, to Transcopy, Inc. Ink jet recording transparency. 4,528,242, 7-9-85, Cl. 428-413.000.

Burwell, Reed & Kinghorn Limited: *See—*
  Williamson, Terence J., 4,555,259, Cl. 65-374.120.

Bury, George J., to Illinois Tool Works Inc. LED holder. 4,507,718, 3-26-85, Cl. 362-396.000.

Bury, James, to L.K. Tool Company Limited. Apparatus for carrying machine elements. 4,525,930, 7-2-85, Cl. 33-1.00M.

Bury, John E., to Grafton Limited. Drive mechanisms for inked ribbon cassettes. 4,534,667, 8-13-85, Cl. 400-207.000.

Buryakov, Valery M.: *See—*
  Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.

Burzin, Klaus: *See—*
  Bartmann, Martin; Bax, Hanns-Jorg; Burzin, Klaus; and Ribbing, Wilfried, 4,537,948, Cl. 528-215.000.
  Droescher, Michael; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, 4,550,148, Cl. 525-440.000.
  Droescher, Michael; Mumcu, Salih; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, 4,555,550, Cl. 525-424.000.
  Droscher, Michael; Gerth, Christian; and Burzin, Klaus, 4,521,554, Cl. 523-522.000.
  Horlbeck, Gernot; and Burzin, Klaus, 4,496,713, Cl. 528-272.000.

Burzminski, Michael J., to General Electric Company. Detecting stoichiometric end point in aromatic polycarbonate resin preparation. 4,506,067, 3-19-85, Cl. 528-196.000.

Burzynski, Alfred J.; and Stengle, Edward J., to Owens-Illinois, Inc. Solventless liquid organopolysiloxanes. 4,539,232, 9-3-85, Cl. 427-387.000.

Burzynski, Alfred J.; and Tillman, James J., to Owens-Illinois, Inc. Tintable scratch resistant coating. 4,547,397, 10-15-85, Cl. 427-164.000.

Burzynski, Alfred J.; and Tillman, James J., to Owens-Illinois, Inc. Tintable scratch resistant coating. 4,551,361, 11-5-85, Cl. 427-164.000.

Burzynski, Stanislaw R. Purified antineoplaston fractions and methods of treating neoplastic disease. 4,558,057, 12-10-85, Cl. 514-328.000.

Burzynski, Stanislaw R. Purified antineoplaston fractions and methods of treating neoplastic disease. 4,559,325, 12-17-85, Cl. 514-21.000.

Bus, Isaak; and Mooij, Joop N., to Hoogovens Groep B.V. Method and apparatus for unilateral electroplating of a moving metal strip. 4,559,113, 12-17-85, Cl. 204-15.000.

Busacca, Giuseppe, to Consito SpA. Two-stage chlorination process for the production of solid bleaching powder with a high active chlorine content. 4,517,166, 5-14-85, Cl. 423-474.000.

Busalacchi, Dwight J. Irrigation control system. 4,548,225, 10-22-85, Cl. 137-78.300.

Busboom, Garry W., to Deutz-Allis Corporation. Bifolding shield for agricultural harvester. 4,545,719, 10-8-85, Cl. 414-523.000.

Busboom, Garry W.; and James, Larry R., to Allis-Chalmers Corporation. Header pivot support. 4,546,600, 10-15-85, Cl. 56-208.000.

Busby, David C.: *See—*
  Wegman, Richard W.; and Busby, David C., 4,511,741, Cl. 568-484.000.
  Wegman, Richard W.; and Busby, David C., 4,513,151, Cl. 568-484.000.

Busby, David E.: *See—*
  Chang, Feng-Chih; Busby, David E.; and Wernl, Susan A., 4,533,764, Cl. 568-724.000.

Busby, Robert L.: *See—*
  Mabi[illegible], Curtis P., Jr.; Busby, Robert L.; and Cliber, James A., 4,548,381, Cl. 249-114.00R.

Busch, Dieter: *See—*
  Raasch, Hans; and Busch, Dieter, 4,492,077, Cl. 57-414.000.

Busch, Edgar: *See—*
  Albrecht, Ernst; and Busch, Edgar, 4,549,491, Cl. 112-73.000.
  Albrecht, Ernst; and Busch, Edgar, 4,549,492, Cl. 112-76.000.

Busch, Erwin, to Thermohauser Erwin Busch GmbH. Rotatable stand. 4,549,714, 10-29-85, Cl. 248-349.000.

Busch, Hans-Peter: *See—*
  Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., 4,526,294, Cl. 222-47.000.

Busch, Helmut: *See—*
  Kupper, Heinz; and Busch, Helmut, 4,502,196, Cl. 29-157.00C.

Busch, Kenneth W., to Baylor University. Multiple entrance aperture dispersive optical spectrometer. 4,494,872, 1-22-85, Cl. 356-328.000.

Busch, Lothar; and Orth, Walter, to Bayerische Motoren Werke Aktiengesellschaft. Heating and/or air-conditioning installation for motor vehicles. 4,549,692, 10-29-85, Cl. 237-12.30A.

Busch, Norbert: *See—*
  Caignard, Daniel H.; Lespagnol, Charles; Lesieur, Daniel; and Busch, Norbert, 4,558,060, Cl. 514-375.000.

Busch, Peter; and Barbet, Karl-Heinz, to TRW Ehrenreich GmbH & Co. KG. Injection mold. 4,524,943, 6-25-85, Cl. 249-63.000.

Busch, Peter: *See—*
  Schumann, Henning; Busch, Peter; Fischer, Detlef; and Thiele, Klaus, 4,520,831, Cl. 132-11.00R.

Busch-Vishniac, Ilene J.; Lindenberger, W. Stewart; Lynch, William T.; and Poteat, Tommy L., to AT&T Bell Laboratories. Integrated capacitive transducer. 4,558,184, 12-10-85, Cl. 179-111.00R.

Busch, Wolfram; Brandrup, Johannes; and Fleischer, Dietrich, to Hoechst Aktiengesellschaft. Chloropolyethylene, process for the manufacture thereof and its use. 4,562,224, 12-31-85, Cl. 524-519.000.

Buschbom, Floyd E.; and Henke, Donald L., to Veda, Inc. Material mixing apparatus. 4,504,253, 3-12-85, Cl. 474-114.000.

Buschbom, Floyd E.; and Hansen, Glen D., to Veda, Inc. Fluid pressure power transmission. 4,514,978, 5-7-85, Cl. 60-426.000.

Buschbom, Floyd E.; and Hansen, Glen D., to Veda, Inc. Apparatus for tensioning a belt. 4,553,664, 11-19-85, Cl. 198-814.000.

Busche, Alan C.: *See—*
  Freeman, Raymond C.; Gumb, Beverley W. T.; and Busche, Alan C., 4,529,846, Cl. 179-115.50R.

Buschek, Herbert: *See—*
  Klose, Sigmar; Pasch, Manfred; Kleemann, Wolfgang; Vieth, Friedhelm; and Buschek, Herbert, 4,557,600, Cl. 356-246.000.

Buscher, John H., to Eastman Machine Company. Guided lifting apparatus. 4,553,328, 11-19-85, Cl. 33-32.00G.

Buscher, John H.: *See—*
  Barrett, Robert C.; Buscher, John H.; and Putnam, William M., 4,554,738, Cl. 30-275.000.

Buschfeld, Adolf: *See—*
  Ripkens, Gerd; Schittek, Hans; and Buschfeld, Adolf, 4,525,227, Cl. 156-62.200.

Buschhoff, Karl; and Fischer, Heinrich, to Carl Hurth Maschinen- und Zahnradfabrik GmbH & Co. Method for producing crowned tooth flanks on a toothed workpiece, and a machine suited therefor. 4,545,708, 10-8-85, Cl. 409-49.000.

Busching, Forrest B.: *See—*
  Chen, Tyen C.; Busching, Forrest B.; Hale, William D.; and Kristoffersen, Bjorn R., 4,521,925, Cl. 4-362.000.

Buschmann, Ernst; Schulz, Guenter; Heilen, Gerd; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, to BASF Aktiengesellschaft. Neopentyl-phenethyltriazoles, their preparation and fungicides containing these compounds. 4,532,234, 7-30-85, Cl. 514-63.000.

Buschmann, Ernst; Zeeh, Bernd; Jung, Johann; and Sauter, Hubert, to BASF Aktiengesellschaft. Phenylpropylammonium salts, their manufacture and agents containing these compounds. 4,554,006, 11-19-85, Cl. 71-76.000.

Buschmann, Ernst: *See—*
  Meyer, Norbert; Zeeh, Bernd; Buschmann, Ernst; and Pommer, Ernst-Heinrich, 4,521,429, Cl. 514-383.000.
  Zeeh, Bernd; Ammermann, Eberhard; Buschmann, Ernst; and Pommer, Ernst-Heinrich, 4,554,285, Cl. 514-383.000.

Buschmann, Gerd: *See—*
  Kehrbach, Wolfgang; Wegener, Joachim; Kuehl, Ulrich; Budden, Renke; and Buschmann, Gerd, 4,552,877, Cl. 514-239.000.
  Kehrbach, Wolfgang; Wegener, Joachim; Kuehl, Ulrich; Budden, Renke; and Buschmann, Gerd, 4,554,274, Cl. 514-239.000.
  Schoen, Uwe; Hachmeister, Bernd; Kehrbach, Wolfgang; Kuehl, Ulrich; and Buschmann, Gerd, 4,550,112, Cl. 514-278.000.

Buschor, Josef J., to Five X Corporation. Workpiece holding and positioning mechanism and system. 4,555,216, 11-26-85, Cl. 414-728.000.
Buschow, Kurt H. J., to U.S. Philips Corporation. Invar alloy on the basis of iron having a crystal structure of the cubic $NaZn_{13}$ type. 4,529,445, 7-16-85, Cl. 75-123.00E.
Buschur, Jeffrey J.: *See—*
  Bryson, Bruce A.; and Buschur, Jeffrey J., 4,509,878, Cl. 403-71.000.
Buse, Frederic W., to Ingersoll-Rand Company. Molded seal gland with groove for cooling fluid. 4,545,585, 10-8-85, Cl. 277-22.000.
Buse, Heinrich; and Schmidt, Heinz-Joachim, to Salzgitter Maschinen und Anlagen Aktiengesellschaft. Arrangement for holding a plurality of vertically superimposed antennas for rotary adjustment. 4,491,846, 1-1-85, Cl. 343-758.000.
Busenhart, Peter: *See—*
  Schlegel, Andy; and Busenhart, Peter, 4,506,692, Cl. 137-102.000.
Buser, Johann. Production of light from a fluorescent tube with reduction of the dazzling. 4,558,400, 12-10-85, Cl. 362-222.000.
Bush, Alvin A.: *See—*
  Anderson, Thomas E.; Bush, Alvin A.; and Giorgis, John, 4,492,881, Cl. 307-270.000.
Bush Boake Allen Limited: *See—*
  Ferber, John G.; Goddard, Peter J.; and Holden, Robert S., 4,515,990, Cl. 568-808.000.
Bush, Clarence C., deceased (by Bush, Florence F., administratrix), to United States of America, Army. Dynamic seal. 4,505,200, 3-19-85, Cl. 102-293.000.
Bush, Darrell C.: *See—*
  Freeman, David L.; and Bush, Darrell C., 4,555,934, Cl. 73-38.000.
Bush, Elmer R., to Timetco Corporation. Terminated inverted V antenna with matching transformer. 4,511,898, 4-16-85, Cl. 343-736.000.
Bush, Ervin E.: *See—*
  Webster, Timothy P.; Bush, Ervin E.; and Sweetland, Roger D., 4,552,662, Cl. 210-232.000.
Bush, Florence F., administratrix: *See—*
  Bush, Clarence C., deceased, 4,505,200, Cl. 102-293.000.
Bush, Harold G.; and Wallsom, Richard E., to United States of America, National Aeronautics and Space Administration. Self-locking mechanical center joint. 4,518,277, 5-21-85, Cl. 403-102.000.
Bush, Harry: *See—*
  Woods, Arthur F.; Bush, Harry; and Kana, Eugene J., 4,492,392, Cl. 285-119.000.
Bush, J. Finley; and The, Paul J., to Aluminum Company of America. Process for the removal of sodium oxalate compounds from Bayer spent liquor. 4,496,524, 1-29-85, Cl. 423-122.000.
Bush, J. Finley; and Gaydosik, Gary F., to Aluminum Company of America. Aluminum-fluorine compound manufacture. 4,508,689, 4-2-85, Cl. 423-127.000.
Bush, James A.: *See—*
  Nettleton, Donald E., Jr.; Bush, James A.; Bradner, William T.; and Doyle, Terrence W., 4,552,842, Cl. 435-75.000.
Bush, John W.; and Bertelson, Peter C. Non-metallic leaf spring structure. 4,519,591, 5-28-85, Cl. 267-148.000.
Bush, Phillip V.: *See—*
  Pontius, Duane H.; and Bush, Phillip V., 4,518,401, Cl. 55-101.000.
Bush, Randall G., to Sunbeam Plastics Corporation. Child resistant safety container. 4,511,032, 4-16-85, Cl. 206-1.500.
Bush, Richard B.; and Evans, Edwin R., to General Electric Company. Peroxide-curable fluorosilicone copolymer compositions. 4,525,528, 6-25-85, Cl. 524-860.000.
Bush, Rodney D.; and Robbins, Medford D., to Procter & Gamble Company, The. Agents for preparing cross-linked polymers and paint and plastic compositions containing those agents. 4,506,048, 3-19-85, Cl. 524-100.000.
Bush, Thomas J.; Dellinger, Charles L.; and Fregeolle, Gerald P., to Hunt Manufacturing Co. Scissors. 4,534,109, 8-13-85, Cl. 30-260.000.
Bush Universal, Inc.: *See—*
  Allard, Jules N., 4,520,522, Cl. 12-40.500.
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Bushell, Hugh M. Closure device for containers of volatile liquids. 4,502,618, 3-5-85, Cl. 222-396.000.
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  Napier, Eunice J.; Evans, James K.; Noble, David; and Bushell, Michael, 4,529,734, Cl. 514-375.000.
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  Dimond, James R.; and Bushman, James B., 4,515,669, Cl. 204-196.000.
Bushman, Stanley C., to Minnesota Mining and Manufacturing Company. Spectrally-sensitized imaging system. 4,554,238, 11-19-85, Cl. 430-258.000.
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  Achia, Biddanda U.; Shaw, David H.; and Bushnell, James D., 4,522,710, Cl. 208-349.000.
  Fiocco, Robert J.; and Bushnell, James D., 4,511,537, Cl. 422-256.000.
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Buss, Albert, to G. O. Stumpf GmbH & Co. Kommanditgesellschaft. Apparatus for depositing a web of material on a table. 4,493,460, 1-15-85, Cl. 242-58.600.
Buss, Albert, to Bullmerwerk Karl Bullmer. Cloth-laying machines. 4,505,466, 3-19-85, Cl. 270-31.000.
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Buss, Gary L., to CTS Corporation. Adjustable rotary switch. 4,558,513, 12-17-85, Cl. 29-622.000.
Buss, Waldeen C., to Chevron Research Company. Semi-continuous regeneration of sulfur-contaminated catalytic conversion systems. 4,507,397, 3-26-85, Cl. 502-38.000.
Buss, Waldeen C., to Chevron Research Company. Composition and a method for its use in dehydrocyclization of alkanes. 4,517,306, 5-14-85, Cl. 502-74.000.
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  Clark, Ralph, 4,554,615, Cl. 361-412.000.
Busse, Charles E.: *See—*
  Cress, Allan K.; and Busse, Charles E., 4,559,765, Cl. 53-557.000.
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Busse, Wolf-Dieter: *See—*
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  Mardin, Mithat; Sundermann, Rudolf; Hoffmeister, Friedrich; Busse, Wolf-Dieter; Horstmann, Harald; and Raddatz, Siegfried, 4,552,874, Cl. 514-222.000.
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Bussey, Harry, Jr. Apparatus for making billowed filling elements for packaging. 4,514,165, 4-30-85, Cl. 425-311.000.
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Bussian, Alfred E.: *See—*
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Bussiere, Guy: *See—*
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Bussing, Jurgen; and Muller, Hubert, to Ciba-Geigy Corporation. Solid stabilizer composition. 4,518,732, 5-21-85, Cl. 524-178.000.
Bussink, Jan; and de Munck, Johannes W. J., to General Electric Company. Flame retardant polyphenylene ether composition. 4,529,652, 7-16-85, Cl. 428-379.000.
Bussink, Jan; de Munck, Johannes W. J.; and Marie van Abeelen, Petrus C. A., to General Electric Company. Composition of a polycarbonate resin and a selectively hydrogenated copolymer of a vinyl aromatic compound and an olefinic elastomer. 4,537,930, 8-27-85, Cl. 524-505.000.
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Busta, Heinz H.; Tsao, Kuey-Yeou; White, Wayne D.; and Loeppert, Peter V., to Gould Inc. Miniaturized potassium ion sensor. 4,508,613, 4-2-85, Cl. 204-418.000.
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  Martinez-Vera, Enrique R.; and Bustani-Adem, Alberto, 4,556,417, Cl. 75-35.000.
Bustle, Robert G. Animal trap. 4,549,368, 10-29-85, Cl. 43-88.000.

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Butcher, Dayton M. Security hand band. 4,504,980, 3-19-85, Cl. 2-160.000.
Butcher, Henry P. Dispenser for internally self-supported rolled material. 4,497,453, 2-5-85, Cl. 242-55.530.
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Butel, Jean. Article comprising and method for fabricating a hip prosthesis having a flexible multi-element femoral rod. 4,516,277, 5-14-85, Cl. 3-1.913.
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Butenop, Klaus: *See—*
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Butenschon, Rolf, to GIVAG Gastro-Installationen-Vertrieb (Deutschland) GmbH. Glass with stem, particularly a wine glass. 4,555,040, 11-26-85, Cl. 215-365.000.
Butera, William J.; and Stucki, Peter, to International Business Machines Corporation. Method for adaptively using a print ribbon in an impact printer. 4,530,612, 7-23-85, Cl. 400-232.000.
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Butler, Barry L., to United States of America, Energy. Lightweight diaphragm mirror module system for solar collectors. 4,511,215, 4-16-85, Cl. 350-295.000.
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Butler, David O. Unitary cable closure. 4,535,197, 8-13-85, Cl. 174-41.000.
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Butler, Derek W.: *See—*
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Butler, Donald E.; Hershenson, Fred M.; and Pavia, Michael R., to Warner-Lambert Company. N-[1-oxo-3-(5-oxo-2-pyrrolidinyl)-propyl]-alpha-aminoacids and derivatives as cognition activators. 4,525,476, 6-25-85, Cl. 514-326.000.
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Butler, Donald E.; and L'Italien, Yvon J., to Warner-Lambert Company. Reversing amnesia with saturated tricyclic nitrogen-containing diones. 4,562,195, 12-31-85, Cl. 514-294.000.
Butler, Donald L.; and Martin, Thomas E., to Aeroglide Corporation. Spin cooler. 4,531,382, 7-30-85, Cl. 62-375.000.
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Butler, Edwin G.; and Szweda, Andrew, to Lucas Industries Public Limited Company. Methods of forming ceramic materials and ceramic products, and ceramic materials and ceramic products formed thereby. 4,506,020, 3-19-85, Cl. 501-97.000.
Butler, Ernest P.: *See—*
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Butler, James R.; and Watson, James M., to Cosden Technology, Inc. Conversion of paraffins to aromatics. 4,538,017, 8-27-85, Cl. 585-415.000.
Butler, James R., to Precision Monolithics, Inc. JFET differential amplifier stage with method for controlling input current. 4,538,115, 8-27-85, Cl. 330-253.000.
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Butler, Jesse L., to Sanders Associates, Inc. Reduced side lobe antenna system. 4,553,146, 11-12-85, Cl. 343-379.000.
Butler, John C.: *See—*
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Kuehnle, Manfred R.; Cahill, Lysle D.; Butler, John C.; and Bassuk, Lawrence J., 4,515,879, Cl. 430-31.000.
Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
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Butler, John D., to Federal-Mogul Corporation. Molding an elastomeric ring while bonding it to a metal case and to a fluorocarbon washer. 4,555,376, 11-26-85, Cl. 264-266.000.
Butler, L. Dennis, to Sperry Corporation. Overruning sprocket for bale wagon pickup. 4,505,633, 3-19-85, Cl. 414-528.000.
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Barker, W. David; Heisey, Raymond K., Jr.; and Mariano, Arturo C., 4,543,760, Cl. 52-544.000.
Benscoter, Richard D., 4,496,067, Cl. 220-3.700.
Brueske, Ralph H., 4,557,092, Cl. 52-404.000.
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Domigan, Charles N., 4,536,612, Cl. 174-48.000.
Harter, James W.; and Smagiel, Gary S., 4,561,233, Cl. 52-588.000.
McClure, Richard R., 4,559,805, Cl. 72-384.000.
Thurnau, Vernon L.; and Mariano, Arturo, 4,557,098, Cl. 52-712.000.
Butler, Michael F.: *See—*
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Butler, Robert F. High efficiency flat plate solar energy collector. 4,513,734, 4-30-85, Cl. 126-439.000.
Butler, Robert F. Process for the reversible transfer of thermal energy and heat transfer system useful therein. 4,524,759, 6-25-85, Cl. 126-452.000.
Butler, Russell H.; Limoncelli, Edward V.; Litwinowich, Michael J.; and Briggs, Michael L., to Allied Corporation. Filtration of inclusions from molten metal alloy. 4,494,985, 1-22-85, Cl. 75-93.00R.
Butler, Russell H.: *See—*
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Butler, Susannah M.: *See—*
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Butler, William S., to Halliburton Company. Cushioning unit shaft seal arrangement. 4,519,617, 5-28-85, Cl. 277-153.000.
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Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, to Olin Corporation. Casing for electronic components. 4,521,469, 6-4-85, Cl. 428-35.000.
Butt, Sheldon H., to Olin Corporation. Semiconductor packages. 4,524,238, 6-18-85, Cl. 174-52.0FP.
Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, to Olin Corporation. Adhesion primers for encapsulating epoxies. 4,525,422, 6-25-85, Cl. 428-418.000.
Butt, Sheldon H., to Olin Corporation. Reinforced glass composites. 4,532,222, 7-30-85, Cl. 501-32.000.

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Buttarazzi, Patrick J. Apparatus for dispensing medication. 4,546,901, 10-15-85, Cl. 221-10.000.

Buttazzoni, Bernard, to Societe Europeenne de Propulsion. Elastically deformable articles of carbon fibers, and method for producing the same. 4,544,599, 10-1-85, Cl. 428-262.000.

Butter, Johannes A. M.: *See—*

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Butterfield, Ida M., 4,493,703, Cl. 604-110.000.

Butterfield, Ida M., 4,531,940, Cl. 604-111.000.

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Butterfield, Ida M., to Butterfield Group. Tamper-resistant hypodermic syringe. 4,531,940, 7-30-85, Cl. 604-111.000.

Butterfield, Roger P., to Borg-Warner Corporation. Accessory drive system. 4,502,345, 3-5-85, Cl. 74-336.00B.

Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., to Spraying Systems Co. Quick disconnect fluid transfer system. 4,527,745, 7-9-85, Cl. 239-600.000.

Butterick Company, Inc.: *See—*

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Buttermann, Garry G., III. Method of making an ice cream sundae. 4,562,081, 12-31-85, Cl. 426-101.000.

Butterwick, Gilbert N., to RCA Corporation. Silicon target support assembly for an image sensing device. 4,521,713, 6-4-85, Cl. 313-378.000.

Butterworth, Edmund M., to Eaton Corporation. Interlocking pushbutton selector switch. 4,544,810, 10-1-85, Cl. 200-5.00B.

Butterworth, Edmund M.; and Dennison, William G., to Eaton Corporation. Mechanical interlock for contactors. 4,544,814, 10-1-85, Cl. 200-50.00C.

Butterworth, George A. M.; Evans, William M.; and Goldner, Howard J., to American Hospital Supply Corporation. Sterilization container formed of nonwoven material. 4,553,669, 11-19-85, Cl. 206-439.000.

Butterworth Inc.: *See—*

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Butterworth, Robert M.; and Wells, Martin A., to Lever Brothers Company. Fabric softening compositions. 4,555,349, 11-26-85, Cl. 252-8.600.

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Buttery, Ronald G.; Ling, Louisa C.; and Juliano, Bienvenido O., to United States of America, Agriculture; and International Rice Research Institute, Republic of the Philippines. 2-acetyl-1-pyrroline and its use for flavoring foods. 4,522,838, 6-11-85, Cl. 426-537.000.

Buttiker, Rudolf: *See—*

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Buttinoni, Ada: *See—*

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Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, 4,522,944, Cl. 514-222.000.

Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, 4,537,962, Cl. 544-255.000.

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Buttner, Robert C., to Concrete Pipe & Products Corp. Reinforcing system for concrete pipe. 4,494,576, 1-22-85, Cl. 138-175.000.

Buttolph, John L., III, to Silver Lake Corporation. Electric storage heater system having charging control that transmits charging information over power lines. 4,540,875, 9-10-85, Cl. 219-364.000.

Buttry, Robert C.; and Boyer, James A., to General Motors Corporation. Ignition distributor cap. 4,544,812, 10-1-85, Cl. 200-19.0DC.

Butts, Dennis D. Air vehicle having driven wheels and ducted fans. 4,537,373, 8-27-85, Cl. 244-22.000.

Butts, Gary C., to Apple Computer, Inc. Spiral spring keyboard switch with hairpin spring tactile feedback. 4,525,613, 6-25-85, Cl. 200-159.00R.

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Butz, Peter; Ranke, Gerhard; and Tvan, Tran A., to Linde Aktiengesellschaft. Separation of CO_2 and H_2S from hydrogen containing gas. 4,533,373, 8-6-85, Cl. 62-17.000.

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Bux, Werner K.; Keller, Heinrich J.; and Mueller, Hans R., to International Business Machines Corporation. Method and arrangement for local address acquisition by a station in a communication system. 4,510,493, 4-9-85, Cl. 340-825.050.

Bux, Werner K.; Dixon, Roy C.; and Rothauser, Ernst H., to International Business Machines Corporation. Synchronization in a communication network of interconnected rings. 4,539,679, 9-3-85, Cl. 370-88.000.

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Leong, Christopher, 4,530,440, Cl. 220-201.000.

Buxel, Ludwig M.; and Mulhaus, Ludwig, to Uhde GmbH. Process of and apparatus for reheating and conveying a granular heat carrier. 4,537,571, 8-27-85, Cl. 432-27.000.

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Buynak, William, to Chyron Corporation. Color video generator. 4,559,531, 12-17-85, Cl. 340-703.000.

Buys, Romain J. B.; and Manouvrier, Jean-Aime. Method for treating the surface of a concrete slab. 4,537,796, 8-27-85, Cl. 427-136.000.

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Krimm, Heinrich; and Buysch, Hans-Josef, 4,501,905, Cl. 549-228.000.

Krimm, Heinrich; Buysch, Hans-Josef; Lange, Peter M.; and Klipper, Reinhold, 4,511,722, Cl. 548-231.000.

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Gottlieb, Michael M.; Fishman, David [illegible] and Buysse, Henri, 4,497,012, Cl. 361-306.000.

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Buzek, Eric W.; Buzek, Eileen M.; and Buzek, Frank R., 4,493,618, Cl. 417-234.000.

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Buzynski, John E.: *See—*

Strecker, William D.; Buzynski, John E.; and Thompson, David, 4,560,985, Cl. 340-825.500.

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Buzzi, Enrico. Household lighter. 4,516,933, 5-14-85, Cl. 431-255.000.

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B.V. Neratoom: *See—*

Haesen, Wilhelmus M. J., 4,502,330, Cl. 73-623.000.

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Byars, Larry W.; and Jackson, Eric C., to Tranoco, Inc.; and Dunlop Sports Company, div. Dunlop Tire and Rubber Corp. Method of making a golf club. 4,496,421, 1-29-85, Cl. 156-304.100.

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Byding, Otto; and Stroberg, Rolf, to ITT Industries, Inc. Method and a device for lifting and lowering of a load. 4,496,181, 1-29-85, Cl. 294-78.00R.

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- Chappelow, Cecil C., Jr.; and Byerley, Thomas J., 4,513,828, Cl. 173-139.000.

Byers, Charles L., to University of California, The Regents of the. Surgically implantable disconnect device. 4,495,917, 1-29-85, Cl. 128-419.00R.

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Byers, Jim D.: *See*—
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- Moore, David J.; Byers, Larry L.; Kurth, Duane G.; Bordsen, Donald T.; Honkomp, John R.; Todd, Bruce C.; and Malek, Robert M., 4,546,430, Cl. 364-200.000.

Byers, Ross E.: *See*—
- Cummins, James N.; Aldwinckle, Herb S.; and Byers, Ross E., 4,516,353, Cl. 47-58.000.

Byers, William A.; and Peterson, Steven H., to Westinghouse Electric Corp. Ion exchange resin intrusion monitor. 4,553,034, 11-12-85, Cl. 250-458.100.

Byford, Roger G.: *See*—
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- Sturges, Robert H., Jr.; Birsa, Joseph J.; Dawson, Paul H.; and Byford, Roger G., 4,521,844, Cl. 364-167.000.

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- Lindberg, Bertil J.; and Elmefjall, Bernt C. G., 4,504,176, Cl. 405-271.000.

Byham, Don E., to Mobil Oil Corporation. Tertiary oil recovery. 4,502,540, 3-5-85, Cl. 166-274.000.

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- Rainer, Georg, 4,555,518, Cl. 514-338.000.
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- Terry, Erwin N., 4,535,082, Cl. 514-264.000.

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Byland, Henry L. Stretch film package wrapping method and apparatus. 4,541,225, 9-17-85, Cl. 53-441.000.

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- McCarthy, James P.; and Byler, Richard E., 4,515,176, Cl. 137-115.000.
- McCarthy, James P.; and Byler, Richard E., 4,560,047, Cl. 192-52.000.

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- Bylin, Robert O., 4,492,355, Cl. 248-206.500.

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Bylund, Sven O., to Santrade Ltd. Cutting insert and cutting tool therefor. 4,512,689, 4-23-85, Cl. 407-40.000.

Bylund, Sven O., to Santrade Ltd. Cutting tool having a cutting blade in a shank slot. 4,525,109, 6-25-85, Cl. 407-36.000.

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Bynum, Byron G., to Motorola, Inc. Bipolar-MOS current amplifier having active turn-off circuitry 4,521,737, 6-4-85, Cl. 330-51.000.

Bynum, Byron G.; and Cave, David L., to Motorola, Inc. Current limit technique for multiple-emitter vertical power transistor. 4,533,845, 8-6-85, Cl. 307-540.000.

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Bynum, Colonel N. Rock gathering apparatus. 4,496,003, 1-29-85, Cl. 171-63.000.

Bynum, Colonel N. Rock loading apparatus. 4,505,376, 3-19-85, Cl. 198-520.000.

Byram, George W., to United States of America, Navy. Apparatus for measuring the spatial scalar variation of a magnetic field with vector magnetic sensors on a moderately stable moving platform. 4,492,923, 1-8-85, Cl. 324-207.000.

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Byrd, Carlisle O., Jr., to Manville Service Corporation. Fiber blanket insulation module. 4,549,382, 10-29-85, Cl. 52-506.000.

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Byrd, James D.: *See*—
- Junior, Kenneth E.; and Byrd, James D., 4,492,779, Cl. 523-138.000.

Byrd, James L. Ladder fastening device for pole climbing. 4,545,460, 10-8-85, Cl. 182-107.000.

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Byrd, Vernon H.: *See*—
- Romike, Robert G.; and Byrd, Vernon H., 4,542,862, Cl. 242-96.000.

Byrne, David S.; and Chen, Evan N., to Warner-Lambert Company. Disposable razor rack. 4,555,030, 11-26-85, Cl. 211-49.100.

Byrne, David S.: *See*—
- Ferraro, Frank A.; and Byrne, David S., 4,535,537, Cl. 30-32.000.

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Byrne, George C., to SRI International. Method and apparatus for intrusion detection. 4,527,151, 7-2-85, Cl. 340-554.000.

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- Heilhecker, Joseph K.; and Byrne, James E., 4,522,450, Cl. 303-9.000.

Byrne, James J. Filtering system for potable water. 4,528,095, 7-9-85, Cl. 210-206.000.

Byrne, Norman R. Retractable power center. 4,551,577, 11-5-85, Cl. 174-57.000.

Byrne, Thomas E. Ball check valve and plate. 4,543,986, 10-1-85, Cl. 137-515.700.

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Byro, Thomas: *See*—
- Anastasio, Frank J.; and Byro, Thomas, 4,499,831, Cl. 101-152.000.

Byron, David A.: *See*—
- Gorman, William G.; and Byron, David A., 4,551,135, Cl. 604-82.000.

Byron, Stephen J.: *See*—
- Hattrich, George A.; and Byron, Stephen J., 4,514,539, Cl. 524-436.000.

Byrt, Graham A. B. Sheet stacking apparatus. 4,508,333, 4-2-85, Cl. 271-218.000.

Byrum, Barney L. Motion and orientation sensor. 4,497,118, 2-5-85, Cl. 33-366.000.

Byrum, Bernard J.: *See*—
- Wedding, Donald K.; Fein, Michael E.; Ernsthausen, Roger E.; and Byrum, Bernard J., 4,494,038, Cl. 313-587.000.

Byrum, Bernard W., Jr.; and Ernsthausen, Roger E., to Owens-Illinois, Inc. Selective control of discharge position in gas discharge display/-memory device. 4,517,492, 5-14-85, Cl. 313-587.000.

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Byszewski, Wojciech W.: *See*—
- Budinger, A. Bowman; Byszewski, Wojciech W.; and Proud, Joseph M., 4,494,046, Cl. 315-260.000.
- Proud, Joseph M.; Riseberg, Leslie A.; Byszewski, Wojciech W.; and Budinger, A. Bowman, 4,516,057, Cl. 315-260.000.
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- Nemec, Frantisek; Moos, Petr; Bytesnik, Milan; Kuba, Jan; and Lacina, Tomislav, 4,553,072, Cl. 315-244.000.

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- Bukhteev, Pavel I.; Posleider, Grigory Y.; Kartavtsev, Viktor M.; and Bytsak, Vladimir S., 4,501,059, Cl. 29-564.500.

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- Andrae, Klaus; Bytzek, Max; Hutschenreuter, Elfried; and Lang, Hans U., 4,556,708, Cl. 536-57.000.

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Bzdula, Joseph A., to Carrier Corporation. Probe for measuring electrical conductance. 4,498,305, 2-12-85, Cl. 62-84.000.

Bzibziak, Raymond J.: *See*—
- Hill, Ronald C.; Stein, Richard M.; Bzibziak, Raymond J.; and Goodwill, Robert, 4,516,448, Cl. 83-137.000.

Bzowski, Christopher: *See*—
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- Serev, Peter G.; and Bogin, Roger M., 4,511,884, Cl. 340-347.0SY.

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- Kretzschmar, Wolfgang; and Murray, Peter E., 4,529,256, Cl. 339-19.000.
- Stenz, Paul; Rubroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, 4,529,261, Cl. 339-272.00R.
- Undin, Hans; and Wiener, Hans, 4,526,068, Cl. 81-9.400.

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- Wiener, Hans; and Undin, Hans, 4,526,070, Cl. 81-361.000.
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- Wilmes, Manfred, 4,536,049, Cl. 339-97.00R.

- C. Behrens AG: *See—*
  - Bredow, Walter; and Otto, Gerhard, 4,495,398, Cl. 219-121.0LG.
  - Bredow, Walter, 4,507,995, Cl. 83-153.000.
- C. C. Jensen A/S: *See—*
  - Jensen, Carl A.; and Rasmussen, Ib O., 4,549,963, Cl. 210-314.000.
- C. Conradty Nurnberg GmbH & Co. KG: *See—*
  - Schieber, Franz, 4,539,229, Cl. 427-215.000.
  - Zollner, Dieter H.; Zollner, Christine; Schieber, Franz; Lauterbach-Dammler, Inge; and Koziol, Konrad, 4,534,836, Cl. 204-67.000.
- C-COR Electronics, Inc.: *See—*
  - Preschutti, Joseph P.; and Pavlic, John C., 4,517,521, Cl. 330-2.000.
- C-Cor Labs, Inc.: *See—*
  - Schrock, Clifford B., 4,512,033, Cl. 455-2.000.
- C. Deilmann AG: *See—*
  - Grumpelt, Heinrich; and Jaroch, Johannes, 4,541,345, Cl. 110-229.000.
- C. Delachaux: *See—*
  - Ruellan, Andre, 4,546,218, Cl. 191-40.000.
- C. & E. Fein GmbH & Co.: *See—*
  - Grunikiewicz, Peter; Gommel, Karl; and Junginger, Klaus M., 4,543,720, Cl. 30-272.00R.
- C. E. Shepherd Company, Inc.: *See—*
  - Shepherd, C. Barrett, 4,509,288, Cl. 43-102.000.
- C F Braun & Co.: *See—*
  - Grotz, Bernard J., 4,510,123, Cl. 423-360.000.
  - Grotz, Bernard J.; Parnkopf, Fiske O.; and Prescott, G. Robert, 4,554,135, Cl. 422-148.000.
- C. F. Sauer Company, The: *See—*
  - Cleevely, Bruce T., 4,494,679, Cl. 222-151.000.
- C. G. Bevan Associates Limited: *See—*
  - Bevan, Christopher G., 4,522,772, Cl. 264-71.000.
  - Bevan, Christopher G., 4,524,039, Cl. 264-71.000.
- C.G.R. - Mev: *See—*
  - Milcamps, Jacques, 4,534,052, Cl. 378-152.000.
- C. G. Sargent's Sons Corporation: *See—*
  - Lambert, Robert D., 4,490,924, Cl. 34-31.000.
- C & H Contact Lens Inc.: *See—*
  - Cotie, Robert L., 4,547,049, Cl. 351-159.000.
- C-H Development and Sales, Inc.: *See—*
  - Hollingsworth, Clinton A., 4,539,103, Cl. 209-158.000.
- C. Hoegger & Cie. AG: *See—*
  - Trottmann, Bruno, 4,494,276, Cl. 17-1.00F.
- C & I Joint Venture: *See—*
  - Foster, Richard L., 4,523,525, Cl. 104-173.0ST.
- C. I. Kasei Co. Ltd.: *See—*
  - Ekuan, Kenji, 4,546,898, Cl. 220-337.000.
  - Kimura, Toshihiro; Takasaki, Kazuhiro; Harima, Hiroshi; and Yoshioka, Yoshihiro, 4,532,298, Cl. 525-96.000.
- C-I-L Inc.: *See—*
  - Cameron, Gordon M.; and Orlando, John V., 4,495,161, Cl. 423-167.000.
  - Cameron, Gordon M., 4,547,353, Cl. 423-522.000.
  - Day, Philip R.; and Webster, William K., 4,539,909, Cl. 102-275.200.
  - Jones, Frederick W. S.; and Smith, Frank, 4,543,244, Cl. 423-522.000.
  - Jorgenson, Gordon K., 4,519,314, Cl. 102-313.000.
  - Marz, Horst F., 4,492,165, Cl. 102-313.000.
  - Marz, Horst F., 4,522,125, Cl. 102-313.000.
  - Rodriguez, Philip A. B., 4,514,318, Cl. 252-315.300.
- C & K Components, Inc.: *See—*
  - Test, Dan, 4,558,193, Cl. 200-43.050.
- C. Keller GmbH u. Co. KG Maschinenfabrik: *See—*
  - Aufderhaar, Herbert, 4,551,926, Cl. 34-23.000.
- C. L. Frost & Son, Inc.: *See—*
  - Nauta, Randal W., 4,502,738, Cl. 384-477.000.
- C.M.L. Costruzioni Meccaniche Liri S.r.l.: *See—*
  - Caporusso, Alessandro; and Caporusso, Mario, 4,532,787, Cl. 72-158.000.
- C.M.T. San Grato S.r.l.: *See—*
  - Nicolo, Pierfrancesco, 4,551,963, Cl. 53-148.000.
- C. Nicolai GmbH & Co. KG: *See—*
  - Philipp, Alexander, 4,559,934, Cl. 128-80.00E.
- C O D Inter Techniques SA: *See—*
  - Horvath, Laszlo S., 4,491,224, Cl. 206-484.000.
- C. Olivetti & C., S.p.A.: *See—*
  - Falconieri, Remo, 4,525,089, Cl. 400-639.100.
- C. Otto & Comp. G.m.b.H.: *See—*
  - Kwasnik, Hans-Jurgen; Piduch, Hans-Gunter; and Bruske, Heinz-Dieter, 4,515,660, Cl. 202-241.000.
- C.P.M. S.p.A. Impianti Industriali: *See—*
  - Bellezza, Gianfranco, 4,555,991, Cl. 109-9.000.
- C. R. Bard, Inc.: *See—*
  - Allen, Douglas, Jr.; and Flam, Eric, 4,497,914, Cl. 523-105.000.
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  - Bare, Rex O.; and Robinson, Earl F., 4,522,211, Cl. 128-640.000.
  - Bowers, William J., 4,559,943, Cl. 128-303.140.
  - Elliott, Donald P.; and Halseth, William L., 4,544,370, Cl. 604-319.000.
  - Krikorian, Donald J., 4,550,749, Cl. 137-843.000.
  - Krug, John A., 4,502,502, Cl. 137-512.300.
  - Leary, James J., 4,545,390, Cl. 128-772.000.
  - Norton, William J., 4,512,771, Cl. 604-824.000.
  - Norton, William J., 4,515,593, Cl. 604-265.000.
  - Norton, William J.; and Wolosky, Irwin S., 4,531,933, Cl. 604-8.000.
  - Skakoon, James G.; Johanson, Donald L.; and Bonthron, Raymond J., 4,544,369, Cl. 604-155.000.
- C. R. Medd & Sons: *See—*
  - Medd, Ronald A., 4,522,505, Cl. 366-343.000.
- C.R.O. Inc.: *See—*
  - Schuettpelz, Daryl, 4,511,977, Cl. 364-475.000.
- C. Reichert Optische Werke AG: *See—*
  - Kappl, Gerhard; Kranner, Helmut; and Lihl, Reinhard, 4,516,459, Cl. 83-713.000.
  - Schindl, Klaus; and Nyman, Georg, 4,536,732, Cl. 335-285.000.
  - Schindl, Klaus, 4,544,242, Cl. 350-486.000.
  - Sitte, Hellmuth; and Kleber, Heinrich, 4,551,992, Cl. 62-514.00R.
  - Sitte, Helmuth; Cooper, Terry W.; and Kleber, Heinrich, 4,511,224, Cl. 350-523.000.
  - Tvedt, Kare E.; Kopstad, Guennar; and Haugen, Olav A., 4,499,670, Cl. 34-143.000.
- C.S.E. Automation Engineering Services, Inc.: *See—*
  - Taylor, Donald K.; Rogers, William; McGary, Vernon; and Lenart, Peter, 4,559,970, Cl. 137-557.000.
- C. S. Norcross & Sons: *See—*
  - Norcross, Charles E., 4,499,978, Cl. 188-79.50K.
- C.T.M. Company, Inc.: *See—*
  - Cheney, Joseph J., 4,557,177, Cl. 89-1.510.
- C.T.R. Inc.: *See—*
  - Webster, Daniel R., 4,507,424, Cl. 524-442.000.
- C. Uyemura & Co., Ltd.: *See—*
  - Kinoshita, Akemi; Araki, Ken; Nawafune, Hidemi; and Mizumoto, Shozo, 4,541,902, Cl. 204-1.00T.
- C. van der Lely N.V.: *See—*
  - van der Lely, Ary; and Bom, Cornelis J. G., 4,497,446, Cl. 239-661.000.
  - van der Lely, Ary; and Bom, Cornelis J. G., 4,532,999, Cl. 172-68.000.
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- C.W.F. Hamilton & Company Limited: *See—*
  - Turnbull, Robert S., 4,509,923, Cl. 440-43.000.
- C.W. Zumbiel Co., The: *See—*
  - Wright, William H.; and Kruse, John M., 4,505,696, Cl. 493-130.000.
- Cabalquinto, Santiago C.: *See—*
  - Lay, Khin M.; Palguta, Stephen E.; Fernandez, Ramon B.; and Cabalquinto, Santiago C., 4,501,037, Cl. 8-149.200.
- Cabanaw, Boyd E.: *See—*
  - Goddin, Clifton S., Jr.; and Cabanaw, Boyd E., 4,557,911, Cl. 423-228.000.
- Cabanel, Daniel: *See—*
  - Auberon, Marcel; Cabanel, Daniel; Dolbeau, Michel; Phan, Albert; Pillois, Philippe; Bournazel, Claude L.; and Huvey, Michel, 4,549,919, Cl. 156-172.000.
- Cabato, Nellie L.: *See—*
  - Stetson, Harold W.; and Cabato, Nellie L., 4,528,613, Cl. 361-321.000.
- Cabbiness, Dale K.: *See—*
  - Krottinger, David L.; and Cabbiness, Dale K., 4,539,645, Cl. 364-478.000.
- Cabela's Inc.: *See—*
  - Highby, Dennis N., 4,516,351, Cl. 43-23.000.
- Cabernoch, James L.; and White, Leonard A., to Baxter Travenol Laboratories, Inc. Container such as a nursing container, with flexible liner and access site and method of making said access site. 4,558,792, 12-17-85, Cl. 215-11.00R.
- Cabeza, Maximino R. Ball race for bicycle headset. 4,545,594, 10-8-85, Cl. 280-279.000.
- Cabi-Akman, Robert, to Nestec S.A. Continuous transport method and apparatus. 4,513,882, 4-30-85, Cl. 222-56.000.
- Cabiedes, Anthony: *See—*
  - Bowers, Stephen G.; Trueblood, Tim B.; and Cabiedes, Anthony, 4,541,076, Cl. 365-190.000.
- Cabinet Brot: *See—*
  - Chaudot, Gerard, 4,516,932, Cl. 431-202.000.
- Cabinet Harle & Phelip: *See—*
  - Chermann, Jean-Claude; Jasmin, Claude; Mathe, Georges; Raynaud, Marcel, deceased; and Raynaud, Odette J., heir, 4,547,369, Cl. 424-131.000.
- Cable Belt Limited: *See—*
  - Thomson, Ian M., 4,550,559, Cl. 57-223.000.
- Cable Electric Products, Inc.: *See—*
  - Schwartz, Frederic W., 4,520,239, Cl. 191-12.400.
- Cable, Mark J.: *See—*
  - O'Malley, Michael P.; Henderson, David E.; Cable, Mark J.; and Hefferon, James E., 4,532,093, Cl. 264-40.100.
- Cable Technology Laboratories, Inc.: *See—*
  - Katz, Carlos; and Zidon, Amicam C., 4,519,759, Cl. 425-97.000.
  - Katz, Carlos, 4,533,789, Cl. 174-102.00R.
- Cableform Limited: *See—*
  - Stevens, Keith D.; Harrison, John; and Kaye, Stanley B., 4,538,171, Cl. 357-81.000.
- Cabloptic S.A.: *See—*
  - Wiedmer, Jean-Pierre, 4,491,984, Cl. 455-612.000.

- Cabot Corporation: *See—*
  - Asphahani, Aziz I., 4,533,414, Cl. 148-427.000.
  - Fife, James A., 4,502,884, Cl. 75-0.5AB.
  - Getz, Marlyn F., 4,555,268, Cl. 75-229.000.
  - Huber, Louis E., Jr.; and Schwartz, Harry D., 4,526,749, Cl. 420-427.000.
  - Kumar, Prabhat; and Anand, Vidhu, 4,561,892, Cl. 75-251.000.
  - Stewart, Harvey; and Mosheim, C. Edward, 4,518,570, Cl. 423-63.000.
- Cabot Medical Corporation: *See—*
  - Polk, Todd J.; and Polizzi, Jerry, 4,493,319, Cl. 128-303.00A.
  - Polk, Todd J.; and Morrin, James F., 4,535,759, Cl. 128-24.00A.
- Cabot, Richard C., to Tektronix, Inc. Sample and hold droop compensation circuit. 4,546,270, 10-8-85, Cl. 307-353.000.
- Cabot, Richard C., to Tektronix, Inc. Method and circuit for phase lock loop initialization. 4,560,950, 12-24-85, Cl. 331-1.00A.
- Cabot, Richard C., to Tektronix, Inc. Oscillator fine tune circuit. 4,560,957, 12-24-85, Cl. 331-135.000.
- Cabre Roige, Luis. Plant container. 4,538,378, 9-3-85, Cl. 47-72.000.
- Cabrera, Pedro P., to Coulter Electronics, Inc. Liquid metering and transfer valve assembly. 4,507,977, 4-2-85, Cl. 73-864.120.
- Cabrillat, Marie-Therese; and Lions, Noel, to Commissariat a l'Energie Atomique. Fast neutron nuclear reactor. 4,492,667, 1-8-85, Cl. 376-405.000.
- Cabrit, Philippe; Mourlevat, Jean; and de Saint-Palais, Jacques, to Societe Nationale Elf Aquitaine (Production). Connection-disconnection device between one rigid pipe, inside well-tubing connected to a base by an articulated coupling, and another rigid pipe fixed to this base. 4,497,510, 2-5-85, Cl. 285-18.000.
- Cabrol, Lucien. Aircraft providing with a lift structure incorporating multiple superposed wings. 4,541,593, 9-17-85, Cl. 244-45.00R.
- Cabus, Marcello M.; Howard, Billy D.; Colt, James W.; and Tuft, Edward S., to Sun-Flo International, Inc. Solar-assisted mobile food dehydrator. 4,534,118, 8-13-85, Cl. 34-34.000.
- Cachat, John F.: *See—*
  - Sheetz, Richard S.; and Cachat, John F., 4,535,212, Cl. 219-10.770.
- Cache Technology Corporation: *See—*
  - Hackamack, Paul, 4,525,802, Cl. 364-900.000.
- Cacho, Jaime A. Game with slidable discs, goal pockets, and rail traps. 4,548,409, 10-22-85, Cl. 273-126.00R.
- Cactus Machinery Inc.: *See—*
  - Neilson, James R.; and Bishop, Robert R., 4,531,308, Cl. 34-168.000.
- Cada, Frank E.: *See—*
  - Spangler, Richard M.; Burmeister, Eugene V.; Cada, Frank E.; Christopher, Chris J.; Covington, Wayne F.; Judd, Myles A.; Wenninger, Freddie W.; Watson, Robert E.; and Simcoe, Kent W., 4,546,448, Cl. 364-900.000.
- Cada, Frantisek: *See—*
  - Stejskal, Alois; Havranek, Zdenek; Stepanek, Miroslac; Hrdina, Jan; Cada, Frantisek; Borovcova, Zelmira; and Slingr, Jaroslav, 4,527,384, Cl. 57-404.000.
- Cadars, Patrick, to Valeo. Water box and expansion chamber device for a heat exchanger. 4,492,267, 1-8-85, Cl. 165-104.320.
- Cadars, Patrick, to Societe Anonyme Francaise du Ferodo. Tubular heat exchanger and helical agitators for use with such exchangers. 4,534,409, 8-13-85, Cl. 165-109.00T.
- Cadars, Patrick, to Valeo. Sealed joint between a basin and a cover plate. 4,544,029, 10-1-85, Cl. 165-149.000.
- Cadars, Patrick, to Valeo. Turbulator for a heat exchanger comprising a bundle of tubes, and a heat exchanger including such turbulators. 4,546,797, 10-15-85, Cl. 138-38.000.
- Cadbury Schweppes, PLC: *See—*
  - Jeans, Edward L., 4,520,950, Cl. 222-129.100.
  - Jeans, Edward L., 4,523,697, Cl. 222-185.000.
  - Jeans, Edward L., 4,555,371, Cl. 261-122.000.
  - Jeans, Edward L., 4,562,013, Cl. 261-50.00B.
- Caddy, Stephen W.; and Holmes, Michael, to Lucas Industries Public Limited Company. Internal combustion engine coil-type ignition control. 4,558,684, 12-17-85, Cl. 123-609.000.
- Cade, J. Weldon; and Stein, Stanley I., to United States of America, Army. Apparatus for transporting and articulating an article. 4,514,135, 4-30-85, Cl. 414-682.000.
- Cade, Paul E., to International Business Machines Corporation. Laser process for forming identically positioned alignment marks on the opposite sides of a semiconductor wafer. 4,534,804, 8-13-85, Cl. 148-1.500.
- Cadeddu, Leonardo, to Benditalia S.p.A. Master cylinder. 4,514,985, 5-7-85, Cl. 60-589.000.
- Cadee, Theodorus P. M., to Van Doorne's Transmissie B.V. Apparatus for controlling the transmission ratio of an infinitely variable transmission. 4,500,301, 2-19-85, Cl. 474-28.000.
- Cadee, Theodorus P. M., to Van Doorne's Transmissie B.V. Transmission, in particular for a motor vehicle. 4,531,927, 7-30-85, Cl. 474-72.000.
- Cadee, Theodorus P. M.: *See—*
  - Svab, Eugen; van Deursen, Petrus H.; and Cadee, Theodorus P. M., 4,543,852, Cl. 74-695.000.
- Cadena, Edward R.: *See—*
  - Kruka, Vitold R.; Kipp, Robert M.; and Cadena, Edward R., 4,510,588, Cl. 367-165.000.
- Cadiergue, Joseph: *See—*
  - Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, 4,537,897, Cl. 514-351.000.
  - Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, 4,556,666, Cl. 514-351.000.
- Cadieu, Fred J., to United States of America, Army. Method of directly crystallizing a (Sm + Ti):Fe = 1:5 compound. 4,547,276, 10-15-85, Cl. 204-192.00M.
- Cadillac Gage Company: *See—*
  - Appelblatt, Irving; and Krawiecki, Peter, 4,492,282, Cl. 180-68.100.
- Cadillac, Joseph A. Mount for a power rescue tool. 4,511,109, 4-16-85, Cl. 248-310.000.
- Cadillac Meter Company: *See—*
  - Johnson, Horace J., 4,523,479, Cl. 73-861.350.
- Cadle, Lawrence C.: *See—*
  - Benzing, William M.; Patterson, Waldo C.; and Cadle, Lawrence C., 4,542,487, Cl. 367-31.000.
- Cado, Walter: *See—*
  - Toncelli, Marcello; and Cado, Walter, 4,559,920, Cl. 125-17.000.
- Cadoret, Genevieve L. Men's combination briefs and hose. 4,554,684, 11-26-85, Cl. 2-227.000.
- Cadotte, Alan P.: *See—*
  - Guilford, Nigel G. H.; and Cadotte, Alan P., 4,530,292, Cl. 110-346.000.
- Cadoux, Jean-Elie: *See—*
  - Benaroya, Henry; LeFoll, Jean; and Cadoux, Jean-Elie, 4,491,518, Cl. 210-177.000.
- Cadre Corporation, The: *See—*
  - Gitman, Grigory M., 4,494,927, Cl. 432-9.000.
- Cadtrak Corporation: *See—*
  - Sukonick, Josef; and Fjallstam, Bjorn M., 4,533,910, Cl. 340-721.000.
  - Sukonick, Josef, 4,549,275, Cl. 364-521.000.
- Cadwallader, Robert H.; Edmonds, Harold D.; and Kulkarni, Murlidhar V., to International Business Machines Corporation. Dual mode spectrometer test station. 4,506,158, 3-19-85, Cl. 250-338.000.
- Cadwell, Donald E.; and Brey, Larry A., to Minnesota Mining and Manufacturing Company. Lithographic substrate and its process of manufacture. 4,542,089, 9-17-85, Cl. 430-276.000.
- Cadwell, Gilbert C., to Rohr Industries, Inc. Rotating punch die system. 4,510,780, 4-16-85, Cl. 72-57.000.
- Cady, Susan M.: *See—*
  - Ley, David A.; and Cady, Susan M., 4,528,320, Cl. 524-555.000.
  - Ley, David A.; and Cady, Susan M., 4,530,960, Cl. 524-555.000.
- Cady, Wayne A., to J. T. Baker Chemical Company. VLSI chemical reactor. 4,544,446, 10-1-85, Cl. 156-639.000.
- CAE Electronics, Ltd.: *See—*
  - King, Michael, 4,555,960, Cl. 74-471.0XY.
- Cafarella, Thomas; and Enein, Mohamed, to Hazeltine Corporation. Microprocessor controlled AGC. 4,499,586, 2-12-85, Cl. 375-98.000.
- Caferro, Dennis. Self-contained oven. 4,527,538, 7-9-85, Cl. 126-21.00R.
- Caffall, Brodus E.: *See—*
  - Rapp, Gunther; Thomas, Erwin; Muenster, Rolf; Caffall, Brodus E.; Cyr, Philip A.; and Jones, Thomas M., 4,491,567, Cl. 423-387.000.
- Caffarelli, Elvio: *See—*
  - Perrone, Diego; Patrone, Alberto; and Caffarelli, Elvio, 4,560,546, Cl. 423-607.000.
- Caffrey, Stephen F.: *See—*
  - Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 4,510,642, Cl. 15-231.000.
- Caffrey, Walter T.: *See—*
  - Nielsen, Edward M., Jr.; and Caffrey, Walter T., 4,497,083, Cl. 15-250.060.
- Cafolla, Mark S. Candle construction. 4,529,376, 7-16-85, Cl. 431-320.000.
- Cage, Donald R.: *See—*
  - Smith, James E.; and Cage, Donald R., 4,491,025, Cl. 73-861.380.
- Cage, James K.; and Villena, Edgardo I., to Hunt-Wesson Foods, Inc. Method for making an extrusion blow molded no drip lip. 4,545,953, 10-8-85, Cl. 264-533.000.
- Cagle, Bunyan B. Fireplace cross-circulating air heater. 4,535,752, 8-20-85, Cl. 126-121.000.
- Cagle, J. Douglas: *See—*
  - Olson, Harold D.; Addison, Charles; and Cagle, J. Douglas, 4,513,476, Cl. 17-44.100.
- Cagles', Inc.: *See—*
  - Cashwell, Miles L.; and Peterman, Worthy D., 4,536,919, Cl. 17-11.000.
  - Olson, Harold D.; Addison, Charles; and Cagle, J. Douglas, 4,513,476, Cl. 17-44.100.
- Cagnioncle, Georges A.: *See—*
  - Ippolito, Serge; and Cagnioncle, Georges A., 4,535,853, Cl. 175-404.000.
- Cahalan, Patrick T.; Jevne, Allan H.; and Fogt, Eric J., to Medtronic, Inc. Ion selective membranes for use in ion sensing electrodes. 4,519,973, 5-28-85, Cl. 264-267.000.
- Cahan, Leslie D.: *See—*
  - Irie, Reiko F.; Tai, Tadashi; Morton, Donald L.; Cahan, Leslie D.; and Paulson, James C., 4,557,931, Cl. 424-88.000.
- Cahen, David; Malkin, Shmuel; Horwitz, Benjamin; and Bults, Gerard, to Yeda Research and Development Company Ltd. Device and method and measurement of photosynthetic activity by photoacoustic spectroscopy. 4,533,252, 8-6-85, Cl. 356-432.000.
- Cahen, David; and Chen, Yih W., to United States of America, Energy. Stable N-CuInSe$_2$/iodide-iodine photoelectrochemical cell. 4,559,282, 12-17-85, Cl. 429-111.000.
- Cahen, Raymond M.: *See—*
  - Debras, Guy L. G.; De Clippeleir, Georges E. M. J.; and Cahen, Raymond M., 4,556,753, Cl. 585-643.000.

Cahill, Lysle D.: *See—*
  Kuehnle, Manfred R.; Cahill, Lysle D.; Butler, John C.; and Bassuk, Lawrence J., 4,515,879, Cl. 430-31.000.
  Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
  Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,504,126, Cl. 350-469.000.
Cahn, Robert P.; and Siegell, Jeffrey H., to Exxon Research & Engineering Co. Fluid induced transverse flow magnetically stabilized fluidized bed. 4,546,552, 10-15-85, Cl. 34-1.000.
Cahuzac, Georges J. J., to Societe Nationale Industrielle et Aerospatiale. Hollow reinforcements of revolution made by three-dimensional weaving method and machine for fabricating such reinforcements. 4,492,096, 1-8-85, Cl. 66-11.000.
Cahuzac, Georges J. J., to Societe Nationale Industrielle et Aerospatiale. Unitary needle with openable eye. 4,555,918, 12-3-85, Cl. 66-119.000.
Caignard, Daniel H.; Lespagnol, Charles; Lesieur, Daniel; and Busch, Norbert, to Riom Laboratoires - Cerm S.A. Benzoxazolinones. 4,558,060, 12-10-85, Cl. 514-375.000.
Caillat, Pierre, to Thomson-CSF. Focussing solenoid, application thereof and a process for manufacturing same. 4,511,870, 4-16-85, Cl. 335-213.000.
Caille, Michel, to Laiteris Hubert Triballat. Rolled cheese and process for producing the same. 4,496,593, 1-29-85, Cl. 426-89.000.
Cailleux, Claude: *See—*
  Brun, Marcel; Perret, Andre; and Cailleux, Claude, 4,512,695, Cl. 409-134.000.
Caillot, Luc; and Chopin, Claude, to Synthelabo. Process and device for controlling artificial respiration. 4,537,190, 8-27-85, Cl. 128-204.220.
Caillouet, Charles W., Jr. Holder for joystick controller for video games. 4,494,755, 1-22-85, Cl. 273-148.00B.
Cailloux, Jean-Francois. Machine for fashioning vegetables and similar products. 4,503,761, 3-12-85, Cl. 99-486.000.
Cain, Charles A.; and Frizzell, Leon A., to University of Illinois. Apparatus and method for generating and directing ultrasound. 4,549,533, 10-29-85, Cl. 128-24.00A.
Cain Encoder Company: *See—*
  Wason, Thomas D., 4,556,844, Cl. 324-156.000.
Cain, John D., to NCR Canada Ltd. Banking system and method. 4,523,330, 6-11-85, Cl. 382-7.000.
Cain, Michael H.: *See—*
  Sircar, Ila; Cain, Michael H.; and Topliss, John G., 4,508,718, Cl. 514-238.000.
Cain, Paul A., to Union Carbide Corporation. Pesticidal bicyclooxyheterocyclyl aroyl ureas. 4,521,426, 6-4-85, Cl. 514-346.000.
Caines, R. Scott, to American Hoechst Corporation. Polyester film primed with phosphorus-containing polyester. 4,515,863, 5-7-85, Cl. 428-480.000.
Caines, R. Scott, to American Hoechst Corporation. Process for manufacture of tamper-resistant polyester credit cards. 4,522,670, 6-11-85, Cl. 156-220.000.
Caines, R. Scott, to American Hoechst Corporation. Polyester film primed with organic acid salts. 4,554,200, 11-19-85, Cl. 428-207.000.
Caines, R. Scott, to American Hoechst Corporation. Tamper-resistant polyester credit cards. 4,557,963, 12-10-85, Cl. 428-156.000.
Caires, Richard. Counterrotating dual-propeller boat drive. 4,540,369, 9-10-85, Cl. 440-81.000.
Cairns & Brother Inc.: *See—*
  Coombs, Christopher E., 4,507,806, Cl. 2-85.000.
  Ehring, Carolyn C., 4,543,670, Cl. 2-85.000.
  Ehring, Carolyn C.; and Baumgartner, Edward W., 4,561,121, Cl. 2-2.000.
Cairns, Gordon. Barbecue grill. 4,561,418, 12-31-85, Cl. 126-41.00R.
Cairns, James A.; and Ziegler, James F., to International Business Machines Corporation; and United Kingdom Atomic Energy Authority. Coated ceramic substrates for mounting integrated circuits. 4,528,212, 7-9-85, Cl. 427-96.000.
Cairns, Thomas M.; Dewar, John H.; and Sumner, Emmons F., to Ford Motor Company. Blade coupling terminal. 4,531,808, 7-30-85, Cl. 339-258.00S.
Cairo, John A., Jr.: *See—*
  Warning, Theodore J.; and Cairo, John A., Jr., 4,560,483, Cl. 210-777.000.
Cairone, David C., Sr. Luminescent foam floats and method. 4,501,564, 2-26-85, Cl. 441-20.000.
Cais, Michael; and Shimoni, Moshe, to Technion Research and Development Foundation, Ltd. Method for a new type of chromatography and device therefor. 4,510,058, 4-9-85, Cl. 210-657.000.
Caithness, Michael G.: *See—*
  White, James N. J.; and Caithness, Michael G., 4,538,192, Cl. 360-98.000.
Caizergues, Paul; and Martin, Maurice, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Distributed control time division exchange. 4,491,944, 1-1-85, Cl. 370-58.000.
Cajon Company: *See—*
  Babuder, Gerald A.; and Weigl, Jeffrey L., 4,552,389, Cl. 285-379.000.
Cal Custom Accessories, Inc.: *See—*
  Graff, Henry W., 4,495,552, Cl. 362-297.000.
Cal Detect, Inc.: *See—*
  Hutson, Donald G., 4,495,418, Cl. 250-343.000.
Calabrese, Anthony, to Charles Greiner and Company, Inc. Stabilizer for cervical collar. 4,515,153, 5-7-85, Cl. 128-75.000.
Calabrese, Gary S.: *See—*
  Wrighton, Mark S.; Buchanan, Robert M.; and Calabrese, Gary S., 4,533,443, Cl. 204-84.000.
Calabro, Philip. Mast support assembly. 4,500,064, 2-19-85, Cl. 248-539.000.
Calagui, Juanito B. Twin fish hook. 4,506,469, 3-26-85, Cl. 43-34.000.
Calamai, Edward: *See—*
  Lowell, Ross; Seligman, Marvin; and Calamai, Edward, 4,544,120, Cl. 248-122.000.
Calamai, Edward G.; and Daigle, Martha A., to Baxter Travenol Laboratories, Inc. Rat antibody to hCG. 4,508,643, 4-2-85, Cl. 260-112.00B.
Calame-Lonjean, Andre; and Naujalis, Pierre, to Commissariat a l'Energie Atomique. Liquid sampling device. 4,512,203, 4-23-85, Cl. 73-863.810.
Calamur, Narasimhan: *See—*
  Papadopoulos, Christos G.; and Calamur, Narasimhan, 4,548,706, Cl. 208-130.000.
Calandra, Frank, Jr., to Jennmar Corporation. Method and apparatus for combining resin bonding and mechanical anchoring of a bolt in a rock formation. 4,516,885, 5-14-85, Cl. 405-261.000.
Calandra, Frank, Jr., to Jennmar Corporation. Method and apparatus for combining resin bonding and mechanical anchoring of a bolt in a rock formation. 4,518,292, 5-21-85, Cl. 411-82.000.
Calapp, David E.; Ackert, Gail M.; and Brown, Roger J., to Connelly Skis, Inc. Water ski binding. 4,494,939, 1-22-85, Cl. 441-70.000.
Calari, Alessandro, to Dideco S.p.A. Device for performing plasmapheresis by centrifugation. 4,493,691, 1-15-85, Cl. 494-10.000.
Calari, Alessandro: *See—*
  Luppi, Libero; and Calari, Alessandro, 4,531,932, Cl. 604-6.000.
Calato, Joseph S., to J. D. Calato Manufacturing Co., Inc. Musical instrument mallet and method of making the same. 4,541,322, 9-17-85, Cl. 84-422.00S.
Calavar Corporation: *See—*
  Murrill, William D.; and Langseth, Bryan, 4,506,480, Cl. 52-121.000.
Calcagno, Vincent J., Jr., to United States of America, Army. Electronic depth gage. 4,516,326, 5-14-85, Cl. 33-169.00B.
Calcavecchio, Peter: *See—*
  Drake, Evelyn N.; and Calcavecchio, Peter, 4,542,791, Cl. 166-291.000.
Calder, Iain D.; and Naguib, Hussein M., to Northern Telecom Limited. Laser activated polysilicon connections for redundancy. 4,561,906, 12-31-85, Cl. 148-1.500.
Calder, Iain D.: *See—*
  Serinken, Nur M.; Calder, Iain D.; Gale, James; and Fletcher, Norman C., 4,503,468, Cl. 358-256.000.
Calder, John, to Plessey Overseas Limited. Push buttons. 4,540,865, 9-10-85, Cl. 200-340.000.
Calder, Oliver J., to Graham, Phyllis. Spray tip. 4,537,355, 8-27-85, Cl. 239-119.000.
Calder, Powell L., to Texas Instruments Incorporated. Device interface controller for input/output controller. 4,549,263, 10-22-85, Cl. 364-200.000.
Calder, Robert E. Point-of-purchase advertising for shopping carts. 4,513,983, 4-30-85, Cl. 280-33.99A.
Calderini, Leonardo: *See—*
  Primati, Marco; and Calderini, Leonardo, 4,553,343, Cl. 38-33.000.
Caldero Ges, Jose M.; and Faba, Eusebio M., to Inke, S.A. Furan derivatives and addition salts thereof pharmaceutical compositions and the therapeutical applications thereof. 4,515,806, 5-7-85, Cl. 514-471.000.
Caldero Ges, Jose M.; and Duena, Antonio P., to Laboratorios Vita, S.A. Imidazole carboxamide derivatives and pharmaceutical compositions thereof. 4,539,331, 9-3-85, Cl. 514-400.000.
Calderon, Albert. Method for direct reduction of iron oxide utilizing induction heating. 4,494,984, 1-22-85, Cl. 75-11.000.
Calderon, Jose L.; and Layrisse, Ignacio, to Intevep, S.A. Apparatus for upgrading heavy hydrocarbons employing a diluent. 4,521,277, 6-4-85, Cl. 196-46.000.
Calderon, Jose L.; and Betancourt, Humberto, to Intevep, S.A. Process and facility for making coke suitable for metallurgical purposes. 4,551,232, 11-5-85, Cl. 208-92.000.
Calderoni, Sergio L., to General Motors Corporation. Spring retainer. 4,521,005, 6-4-85, Cl. 267-179.000.
Caldicott, Jack R.: *See—*
  Levinson, Samuel H.; and Caldicott, Jack R., 4,523,193, Cl. 340-825.690.
Caldwell, Allan L.; Hardy, Richard; and Neumann, Frank D., to Boeing Company, The. Aircraft with directional controlling canards. 4,542,866, 9-24-85, Cl. 244-45.00A.
Caldwell, Brian E.: *See—*
  Sinha, Kamal R.; and Caldwell, Brian E., 4,517,242, Cl. 428-336.000.
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Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., to Texas Instruments Incorporated. Electronic data processing apparatus with equation operating system having implied multiplication of two hierarchical ranks. 4,495,592, 1-22-85, Cl. 364-754.000.

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  Walters, Johnnie J.; Voso, Philip T.; and Caldwell, Karl N., 4,501,780, Cl. 428-35.000.
Caldwell Manufacturing Company: *See—*
  Haltof, Garry P., 4,517,766, Cl. 49-417.000.
  Yonovich, John R.; Newton, William P.; and Dense, Brian S., 4,540,070, Cl. 188-380.000.
Caldwell, Marion J. Low-lactose, low-galactose imitation milk product. 4,511,590, 4-16-85, Cl. 426-580.000.
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  Cushing, Nelson N., 4,549,612, Cl. 175-20.000.
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  Blanke, Richard H., Jr.; and Cale, Harold N., 4,493,127, Cl. 16-124.000.
Cale, Roland E., Jr. Method of manufacturing clevis end connecting rod. 4,531,665, 7-30-85, Cl. 228-170.000.
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  Champagne, Patrick J.; and Caletti, Robert H., 4,529,324, Cl. 384-518.000.
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  Mulach, Arthur; and Calfo, Raymond, 4,494,030, Cl. 310-256.000.
Calgene, Inc.: *See—*
  Comai, Luca, 4,535,060, Cl. 435-172.300.
Calgon Carbon Corporation: *See—*
  Farmerie, John J., 4,558,022, Cl. 502-25.000.
  Sutt, Robert F., Jr., 4,526,887, Cl. 502-420.000.
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  Sutt, Robert F., Jr., 4,540,678, Cl. 502-5.000.
  Urbanic, John E., 4,502,890, Cl. 127-46.200.
  Wells, Bruce D.; and Ferguson, Du'Bois J., 4,519,985, Cl. 423-6.000.
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  Amjad, Zahid; and Yorke, Monica A., 4,510,059, Cl. 210-701.000.
  Costello, Christine A., 4,533,708, Cl. 526-295.000.
  Faust, Robert J., 4,544,639, Cl. 436-104.000.
  Groose, James E.; and Liu, Paul K. T., 4,531,953, Cl. 55-74.000.
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  Hunter, Wood E.; and Craun, Gary P., 4,525,509, Cl. 524-141.000.
  Matz, Gary F., 4,526,957, Cl. 528-366.000.
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  Myers, John G.; Logan, Douglas P.; and Walker, Jerry L., 4,512,774, Cl. 44-51.000.
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  Ralston, Paul H.; and Whitney, Sandra L., 4,552,665, Cl. 210-697.000.
  Rey, Paul A., 4,536,186, Cl. 44-51.000.
  Sinha, Rabindra K., 4,503,019, Cl. 423-175.000.
  Zupanovich, John D.; and Myers, John G., 4,561,897, Cl. 106-14.140.
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Calhoun, Gregory L.; and Candee, Clark B., to Westinghouse Electric Corp. Eddy current workpiece positioning apparatus. 4,526,135, 7-2-85, Cl. 122-382.000.
Calhoun, H. C.: *See—*
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Calhoun, L. Owen, to W. C. Pursley Limited. Trenchduct side member extrusion adapted for multiple positioning of cover plate. 4,517,777, 5-21-85, Cl. 52-126.200.
Califone International, Inc.: *See—*
  Metzner, Robert G.; and Smith, Stephen H., 4,547,678, Cl. 290-40.00C.
California Artichoke and Vegetable Growers Corp.: *See—*
  Tonus, Egidio L., 4,561,234, Cl. 53-399.000.
California Biotechnology, Inc.: *See—*
  Lewicki, John, 4,562,003, Cl. 260-112.00B.
California Ceramic Supply Co.: *See—*
  Divoky, Ralph A., 4,501,545, Cl. 425-275.000.
California and Hawaiian Sugar Company: *See—*
  Riffer, Richard, 4,552,840, Cl. 435-14.000.
California Institute of Technology: *See—*
  AuYeung, John C., 4,504,950, Cl. 372-20.000.
  Britten, Roy J.; and Davidson, Eric H., 4,500,786, Cl. 250-389.000.
  Cronin-Golomb, Mark; Fischer, Baruch; White, Jeffrey O.; and Yariv, Amnon, 4,529,273, Cl. 350-354.000.
  Goetz, Alexander F. H., 4,560,275, Cl. 356-326.000.
  Kralik, James G.; and Corcoran, William H., 4,492,588, Cl. 44-1.00R.
  McDermid, Iain S.; and Pacala, Thomas J., 4,559,500, Cl. 330-4.300.
  Rembaum, Alan; and Yen, Richard C. K., 4,534,996, Cl. 427-44.000.
  Rowlette, John J., 4,510,219, Cl. 429-212.000.
  Rowlette, John J., 4,539,268, Cl. 429-54.000.
  Rowlette, John J., 4,542,082, Cl. 429-210.000.
  Rowlette, John J.; Clough, Thomas J.; Josefowicz, Jack Y.; and Sibert, John W., 4,547,443, Cl. 429-217.000.
  Rowlette, John R., 4,507,372, Cl. 429-228.000.
  Ruoff, Carl F., 4,558,911, Cl. 339-5.00M.
  Stanton, Philip H., 4,527,163, Cl. 343-700.0MS.
  Tombrello, Thomas A.; Qiu, Yuanxun; and Mendenhall, Marcus H., 4,526,624, Cl. 148-1.500.
  Yariv, Amnon; Harder, Christoph; and Lau, Kam-Yin, 4,562,569, Cl. 369-122.000.
  Yen, Shiao-Ping S.; Carter, Boyd J.; Shen, David H.; and Somoano, Robert B., 4,550,064, Cl. 429-94.000.
California Linear Circuits, Inc.: *See—*
  Yakura, John, 4,510,672, Cl. 29-574.000.
  Yakura, John, 4,535,721, Cl. 118-503.000.
California Nickel Corporation: *See—*
  Lowenhaupt, E. Harris; Litz, John E.; and Hoe, Dennis L., 4,541,868, Cl. 75-101.00R.
  Lowenhaupt, E. Harris; Litz, John E.; and Howe, Dennis L., 4,541,994, Cl. 423-150.000.
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California R&D Center: *See—*
  Jones, Lawrence T.; Lee, Robert S.; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,534,745, Cl. 446-398.000.
Caligen Foam Limited: *See—*
  Collishaw, Peter S.; and Wilkinson, Michael, 4,503,801, Cl. 118-246.000.
Calisi, Constance M. Pressure monitoring interconnect system. 4,508,103, 4-2-85, Cl. 128-673.000.
Calkins, Jack M.: *See—*
  Nance, Weldon B.; and Calkins, Jack M., 4,517,100, Cl. 252-8.50C.
Calkins, Noel C. Force and multiplication control valve. 4,556,195, 12-3-85, Cl. 251-129.200.
Call, Daniel D., to Oy Fiskars AB. Knife holder with frontal slots. 4,561,548, 12-31-85, Cl. 211-70.700.
Call, Daniel D.: *See—*
  Carter, Larry D.; and Call, Daniel D., 4,502,218, Cl. 30-138.000.
  Fethke, Wayne G.; and Call, Daniel D., 4,495,696, Cl. 30-138.000.
Call, David B., to Atmospheric Instrumentation Research, Inc. Modular cup-type anemometer. 4,543,836, 10-1-85, Cl. 73-861.850.
Call, Eugene H.; and Glover, Armond D., to Call, Eugene H. Chuck. 4,558,876, 12-17-85, Cl. 279-1.0DA.

Call, Mark G., to International Business Machines Corporation. Voltage-controlled oscillator with independent gain and frequency controls. 4,494,080, 1-15-85, Cl. 331-8.000.

Call, Wayne R.: *See—*

Batzer, Thomas H.; and Call, Wayne R., 4,559,787, Cl. 62-55.500.

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Callaghan, Edward P. Methods and apparatus for bandwidth reduction. 4,521,646, 6-4-85, Cl. 375-122.000.

Callaghan, Ian C.; Fink, Hans-Ferdi; Gould, Clive M.; Koerner, Gotz; Patzke, Hans-Jurgen; and Weitemeyer, Christian, to British Petroleum Company p.l.c., The. Oil gas separation. 4,557,737, 12-10-85, Cl. 55-87.000.

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Callaghan, Timothy J.; and Kay, Robert M., to Honeywell Inc. Readout apparatus for a ring laser angular rate sensor. 4,533,250, 8-6-85, Cl. 356-350.000.

Callaghan, Timothy J.: *See—*

Callaghan, Stephen P.; Callaghan, Timothy J.; Gustafson, Harry A.; and Lim, Wah L., 4,551,021, Cl. 356-350.000.

Callaghan, Vincent M.: *See—*

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Callahan, David J.; Mazzawy, Robert S.; Stryker, Howard Y.; and Kelly, James B., to United Technologies Corporation. Engine surge prevention system. 4,550,564, 11-5-85, Cl. 60-39.093.

Callahan, James F.; Moore, Michael L.; and Yim, Nelson C., to SmithKline Beckman Corporation. Basic heptapeptide vasopressin antagonists. 4,543,349, 9-24-85, Cl. 514-11.000.

Callahan, James L.; Shaw, Wilfrid G.; and Miller, Arthur F., to Standard Oil Company (Ohio), The. Method for the preparation of unsaturated carboxylic acid with high activity phosphomolybdic acid based catalysts. 4,528,398, 7-9-85, Cl. 562-534.000.

Callahan, Kevin M., to International Paper Company. Applying an adhesive strip to a container interior. 4,493,860, 1-15-85, Cl. 427-230.000.

Callahan, Michael. Followspot parameter feedback. 4,527,198, 7-2-85, Cl. 358-185.000.

Callahan, Michael; and Goddard, Robert M. Buss structures for multiscene manual lighting consoles. 4,550,276, 10-29-85, Cl. 315-312.000.

Callahan, Michael W.: *See—*

Burns, Bryan L.; and Callahan, Michael W., 4,540,978, Cl. 340-554.000.

Callan, John E., to Allen-Bradley Company. Programmable controller with expandable I/O interface circuitry. 4,504,927, 3-12-85, Cl. 364-900.000.

Callan, John E., to Allen-Bradley Company. Optically coupled input circuit for digital control. 4,507,571, 3-26-85, Cl. 307-278.000.

Callander, Douglas D.: *See—*

Massey, Fred L.; and Callander, Douglas D., 4,499,226, Cl. 524-382.000.

Callegari, Stephen R., Sr.; and Rogers, Tommie L., to Rogers, Tommie. Pipe spinner. 4,512,216, 4-23-85, Cl. 81-57.170.

Callejas, Ricardo J.: *See—*

Brand, Michael J.; and Callejas, Ricardo J., 4,545,895, Cl. 208-351.000.

Callen, Patrick J.; and Pierce, Philip R., to RCA Corporation. Satellite dual bus power system. 4,494,063, 1-15-85, Cl. 320-56.000.

Callen, Patrick J., to RCA Corporation. High-efficiency, low-voltage-drop series regulator using as its pass element an enhancement-mode FET with boosted gate voltage. 4,560,918, 12-24-85, Cl. 323-273.000.

Callewaert, Denis M.; and Braxton, Earl J. Device for collection of proteins in a urinal and method of use. 4,557,863, 12-10-85, Cl. 260-112.00R.

Callicott, Robert H.: *See—*

Iding, Stephen H.; and Callicott, Robert H., 4,534,879, Cl. 252-174.000.

Calloway, Brian, to American Fast Print Limited. Mattress, box springs fabric. 4,554,693, 11-26-85, Cl. 5-448.000.

Calma Company: *See—*

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,491,836, Cl. 340-747.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,492,956, Cl. 340-723.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O., and Sturgeon, Roger, 4,496,944, Cl. 340-723.000.

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Corsette, Douglas F., 4,506,809, Cl. 222-213.000.

Reeve, Randy F., 4,561,544, Cl. 206-540.000.

Calmes, Marc: *See—*

Monteyne, Guido; Calmes, Marc; and Schmeler, Robert, 4,494,971, Cl. 65-19.000.

Calmettes, Hubert C.: *See—*

Billard, Alain A.; Calmettes, Hubert C.; and Encoyand, Roland C., 4,498,392, Cl. 102-342.000.

Billard, Alain A.; Calmettes, Hubert C.; and Santalucia, Andre, 4,549,489, Cl. 102-505.000.

Calmettes, Lionel; and Andre, Michel, to Etablissements Caillau. Clamp. 4,517,708, 5-21-85, Cl. 24-20.0CW.

Calmettes, Lionel, to Etablissements Caillau. Hose clamp. 4,543,691, 10-1-85, Cl. 24-20.00R.

Calmettes, Lionel, to Etablissements Caillau. Clamp fitting for pipes. 4,552,390, 11-12-85, Cl. 285-420.000.

Calnek, Trevor A.; and Bray, John E., to NCR Canada Ltd. Thermal printing apparatus. 4,536,775, 8-20-85, Cl. 346-76.0PH.

Calnek, Trevor A.: *See—*

Osmera, Miroslav S.; Huynh, Van-Minh; and Calnek, Trevor A., 4,542,998, Cl. 400-139.000.

Calspan Corporation: *See—*

Belsterling, Charles A.; and Soberman, Robert K., 4,536,690, Cl. 318-687.000.

Michalovic, John G., 4,540,152, Cl. 249-184.000.

Caltabiano, Giovanni. Plowing implement provided with rotary tools. 4,545,438, 10-8-85, Cl. 172-123.000.

Calumet Manufacturing Co.: *See—*

Seager, Richard H., 4,548,524, Cl. 401-187.000.

Calundann, Gordon W.; Charbonneau, Larry F.; and Benicewicz, Brian C., to Celanese Corporation. Melt processable polyester capable of forming an anisotropic melt comprising a relatively low concentration of 6-oxy-2-naphthoyl moiety-4-benzoyl moiety, 1,4-dioxyphenylene moiety, isophthaloyl moiety and terephthaloyl moiety. 4,522,974, 6-11-85, Cl. 524-605.000.

Calutoiu, Nicolae I. Ambulatory sleeping bag. 4,507,805, 4-2-85, Cl. 2-69.500.

Calvagna, J. Francis: *See—*

Genest, Leonard J.; and Calvagna, J. Francis, 4,558,175, Cl. 178-22.080.

Calvagno, Michael J. Garage door safety locking system. 4,520,591, 6-4-85, Cl. 49-322.000.

Calvert, Colin; and Cox-Smith, Peter, to Hoccom Developments Limited. Centrifuges. 4,534,755, 8-13-85, Cl. 494-37.000.

Calvert, Colin: *See—*

Cox-Smith, Peter; Calvert, Colin; and Wesley, John, 4,515,582, Cl. 494-7.000.

Calvert, Eric F., to Bostwick Doors (UK) Ltd. Guide track for a folding barrier. 4,561,483, 12-31-85, Cl. 160-159.000.

Calvert, Nathaniel; and Battey, George L. Liquid-cushioned bicycle seat. 4,504,089, 3-12-85, Cl. 297-214.000.

Calvert, Robert B.; and Rollmann, Louis D., to Mobil Oil Corporation. Synthesis of ZSM-5 utilizing a mixture of quaternary ammonium ions and amines. 4,495,166, 1-22-85, Cl. 423-329.000.

Calvert, Robert W., to Cessna Aircraft Company, The. Series self-leveling valve. 4,561,342, 12-31-85, Cl. 91-31.000.

Calvert, Rodney K., to Mead Corporation, The. Heel retaining structure on bottle carrier. 4,533,047, 8-6-85, Cl. 206-434.000.

Calvert, Rodney K., to Mead Corporation, The. Apparatus for rotating a moving package having spaced generally parallel opposite sides. 4,545,476, 10-8-85, Cl. 198-399.000.

Calvert, Rodney K., to Mead Corporation, The. Packaging machine and method. 4,554,778, 11-26-85, Cl. 53-398.000.

Calvert, Rodney K.: *See—*

Scott, Dale K.; and Calvert, Rodney K., 4,512,135, Cl. 53-285.000.

Calvert, Scott A.; Gelin, Robert J.; and Aberegg, Dale, to Owens-Corning Fiberglas Corporation. Bathtub assembly. 4,541,130, 9-17-85, Cl. 4-593.000.

Calvert, Stephen H.: *See—*

Stirling, Irene; Bruton, Gordon; Calvert, Stephen H.; and Clarke, Brian P., 4,524,073, Cl. 514-80.000.

Calvet, Gerard: *See—*

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Calvet, Jean: *See—*

Allemand, Louis-Rene ; Calvet, Jean; Cavan, Jean-Claude; and Thevenin, Jean-Claude, 4,552,431, Cl. 350-96.340.

Calvet, Pierre; and Platet, Bernard, to Office National d'Etudes et de Recherches Aerospatiales. Apparatus for the continuous measurement of the heating power of a gas. 4,500,214, 2-19-85, Cl. 374-36.000.

Calviello, Joseph A., to Eaton Corporation. Quasi-planar tunnel diode detector for operation at submillimeter and optical frequencies. 4,549,194, 10-22-85, Cl. 357-30.000.

Calvignac, Jean; Granger, Yves; and Masclet, Andre, to International Business Machines Corporation. Address generating device for a communication line scanning device. 4,491,913, 1-1-85, Cl. 364-200.000.

Calvignac, Jean: *See—*

Brezzo, Bernard; Calvignac, Jean; Dambricourt, Richard; Masclet, Andre; and Sanche, Jean-Pierre, 4,493,051, Cl. 364-900.000.

Calvignac, Jean L.; and Castel, Rene R., to International Business Machines Corporation. Communication line adapter for use with a communications controller. 4,504,901, 3-12-85, Cl. 364-200.000.

Calvin, Donald W.: *See—*

Leathers, Joel F. M.; and Calvin, Donald W., 4,508,538, Cl. 23-313.00R.

Calvin, Douglas J.: *See—*

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Calvin, James W.: *See—*

Sheffield, Miller; Metcalfe, Robert S.; and Calvin, James W., 4,548,267, Cl. 166-268.000.

Calvin, John H.; and Wakasa, Jack Y. Positive locking connector. 4,543,993, 10-1-85, Cl. 137-614.030.

Calvin, Vaughn; and Cox, Raymond J. Pivotal discharge apparatus. 4,502,851, 3-5-85, Cl. 417-516.000.

Calvo, Luis C., to Germaine Monteil Cosmetiques Corp. Immobilized enzymes. 4,556,554, 12-3-85, Cl. 424-70.000.

Calzetta, Robert K.: *See—*

LaBerge, Edward F. C.; and Calzetta, Robert K., 4,532,517, Cl. 343-372.000.

- Cam Gears Limited: *See—*
  - Webber, Gordon E. G.; and Wilson, Alan G., 4,494,446, Cl. 91-375.00A.
  - Webber, Gordon E. G.; and Wilson, Alan G., 4,501,191, Cl. 91-375.00A.
- Cama, Lovji D.; and Christensen, Burton G., to Merck & Co., Inc. 1-carba-2-penem-3-carboxylic acid. 4,543,257, 9-24-85, Cl. 514-210.000.
- Camacho, David P.: *See—*
  - Camacho, Salvador L.; and Camacho, David P., 4,549,065, Cl. 219-121.0PM.
  - Camacho, Salvador L.; and Camacho, David P., 4,559,439, Cl. 219-121.0PM.
- Camacho, Salvador L.; and Camacho, David P., to Technology Application Services Corporation. Plasma generator and method. 4,549,065, 10-22-85, Cl. 219-121.0PM.
- Camacho, Salvador L.; and Camacho, David P., to Plasma Energy Corporation. Field convertible plasma generator and its method of operation. 4,559,439, 12-17-85, Cl. 219-121.0PM.
- Camand, Michel; and Chobert, Jean-Pierre, to Alcatel Thomson Faiscequx Hertziens. Amplifier for correcting group time delay of electrical signals and an intermediate frequency amplifier stage for radio equipment comprising an amplifier of this kind. 4,559,503, 12-17-85, Cl. 330-302.000.
- Cambell, Thomas C.; Sherry, Howard S.; Schweiker, George C.; Falcone, James S., Jr.; and Sams, Robert H., deceased (by Sams, Ruth W., Legal Representative), to PQ Corporation. Zeolite ion exchanger for builders in detergents. 4,528,276, 7-9-85, Cl. 502-62.000.
- Cambelt International Corporation: *See—*
  - Campbell, Clarence R.; Mickelson, Elliot S.; and Baumgartner, Steven A., 4,540,357, Cl. 425-28.00B.
- Cambio, Orlando D., Jr., to Respiratory Care, Inc. Pediatric cartridge humidifier. 4,500,480, 2-19-85, Cl. 261-104.000.
- Cambre, Cushman M.: *See—*
  - Hardy, Frederick E.; Kitko, David J.; and Cambre, Cushman M., 4,536,314, Cl. 252-102.000.
- Cambridge Consultants Limited: *See—*
  - Lewis, John D.; Keeling, Michael R.; Bowen, David R.; and Paton, Anthony D., 4,551,731, Cl. 346-75.000.
- Cambridge, Edward L.: *See—*
  - Gesing, Adam J.; McIntyre, John; Vandermeulen, Meine; Cambridge, Edward L.; and Rogers, Charles J., 4,551,218, Cl. 204-240.000.
- Cambridge Engineering, Inc.: *See—*
  - Potter, Gary J., 4,552,059, Cl. 98-115.100.
- Cambridge Filter Corporation: *See—*
  - Elbers, Richard W., 4,537,812, Cl. 428-182.000.
  - Gualtieri, Peter J.; and Goulet, Roger T., 4,548,068, Cl. 73-40.700.
- Cambridge Instruments Limited: *See—*
  - Lawson, Peter J., 4,514,634, Cl. 250-397.000.
- Cambridge Wire Cloth Company, The: *See—*
  - Bode, Robert H., 4,557,374, Cl. 198-852.000.
- Camco, Incorporated: *See—*
  - Johnston, Russell A., 4,498,533, Cl. 166-117.500.
  - Johnston, Russell A., 4,538,681, Cl. 166-125.000.
  - Johnston, Russell A., 4,541,482, Cl. 166-117.500.
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  - Pringle, Ronald E., 4,495,998, Cl. 166-321.000.
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  - Beard, Charles L., Jr.; and Camden, Thomas M., Jr., 4,493,814, Cl. 376-428.000.
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  - Campbell, Bruce T., 4,530,259, Cl. 76-101.00D.
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  - Boissel, Pierre; and Tong, Mathias, 4,508,967, Cl. 250-396.00R.
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Campa, Eddie L. Apparatus for disassembling a universal joint. 4,510,661, 4-16-85, Cl. 29-259.000.
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Campbell, Bruce D.; and Fentress, Vernon A., to Raychem Corporation. Fiber optic splice organizer. 4,498,732, 2-12-85, Cl. 350-96.200.
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  Schmidt, John C.; Campbell, Donald N.; and Clay, Sandra B., 4,525,266, Cl. 204-412.000.
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Campbell, Douglas R., to Rediffusion Simulation Limited. Motion limiting systems. 4,559,014, 12-17-85, Cl. 434-58.000.
Campbell, Frank, Jr.: *See—*
  Revere, Peter W.; and Campbell, Frank, Jr., 4,505,303, Cl. 138-149.000.
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Campbell, George T. Locking device for vending machines. 4,548,060, 10-22-85, Cl. 70-91.000.
Campbell, Gerald D.: *See—*
  Cegielski, John M., Jr.; Campbell, Gerald D.; and Schaub, Clyde D., 4,512,267, Cl. 110-347.000.
Campbell, Graeme R., to Lucas Industries Public Limited Company. Control system for a d.c. motor. 4,496,888, 1-29-85, Cl. 318-284.000.
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  Moran, David P. J.; and Campbell, Iain J., 4,540,593, Cl. 426-603.000.
Campbell, Ian M.; Baulch, Donald L.; and Audley, Gary J., to Interox Chemicals Limited. Nitration of organic compounds and organic nitrogen compounds produced. 4,496,783, 1-29-85, Cl. 568-947.000.
Campbell, Ian N.: *See—*
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Campbell, James B., Jr.; and Bare, Thomas M., to ICI Americas Inc. Pyrazolopyridine cycloalkanones and process for their preparation. 4,546,104, 10-8-85, Cl. 514-293.000.
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Campbell, John E.: *See—*
  Bailey, Thomas F.; Campbell, John E.; Rives, Allen K.; and Shah, Nehal M., 4,533,003, Cl. 175-269.000.
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Campbell, John R.: *See—*
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  - Florence, Robert A.; Campbell, John R.; and Williams, Robert E., Jr., 4,496,705, Cl. 528-34.000.
  - Williams, Robert E., Jr.; and Campbell, John R., 4,493,926, Cl. 525-474.000.
- Campbell, John W. Swinging fire apparatus pump operator panel. 4,512,412, 4-23-85, Cl. 169-24.000.
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- Campbell, Jules D., Jr., to Motorola, Inc. Code conversion circuit. 4,520,347, 5-28-85, Cl. 340-347.0DD.
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  - Jamiolkowski, Michael J.; and Campbell, Jules D., Jr., 4,513,258, Cl. 331-111.000.
- Campbell, Karen J.: *See—*
  - Evans, Jack L.; Campbell, Karen J.; Kreil, Curtis L.; and Sidney, LuAnn, 4,533,566, Cl. 427-44.000.
- Campbell, Kent D.; Gulbenkian, Aylin H.; Edamura, Fred Y.; and Kyriacou, Demetrios, to Dow Chemical Company, The. Oxidation of hydrophobic —CH_2OH compounds at oxidized nickel anodes. 4,496,440, 1-29-85, Cl. 204-78.000.
- Campbell, Kirk B.: *See—*
  - Campbell, Richard J., Jr.; and Campbell, Kirk B., 4,512,274, Cl. 112-423.000.
- Campbell, Leo: *See—*
  - Sieberkrob, James; and Campbell, Leo, 4,502,189, Cl. 24-279.000.
- Campbell, Malcolm G. Portable electronic camera. 4,516,157, 5-7-85, Cl. 358-108.000.
- Campbell, Marshall S.: *See—*
  - McMullen, Carl R.; and Campbell, Marshall S., 4,550,768, Cl. 164-456.000.
- Campbell, Nancy L.; Pinto, John G.; Drewe, John A.; Hayes, Patrick D.; and Nelson Robert A., to United States of America, Navy. Shielding apparatus for microwave thawing. 4,503,307, 3-5-85, Cl. 219-10.55E.
- Campbell, Neville D.: *See—*
  - Scrivener, Stephen P.; Smith, Wallace D.; Mansell, Mark L.; and Campbell, Neville D., 4,502,327, Cl. 73-146.000.
- Campbell, R. Clark; and Townsend, D. Ronald, to Corporation of the Town of Vaughan, The; and University of Ottawa, The. Flow restrictor. 4,522,533, 6-11-85, Cl. 405-36.000.
- Campbell, Ramsey G.: *See—*
  - Burks, William M., Jr.; Doane, Elliott P.; Campbell, Ramsey G.; and Velez, Emilio S., 4,533,473, Cl. 210-754.000.
- Campbell, Richard J., Jr.; and Campbell, Kirk B. Seam for tube of cloth, fabric or flexible material. 4,512,274, 4-23-85, Cl. 112-423.000.
- Campbell, Robert: *See—*
  - Yoakam, David; Campbell, Robert; and Pehkonen, Robert, 4,554,887, Cl. 118-666.000.
- Campbell, Robert A. Universal adjustable telephone handset holder. 4,556,762, 12-3-85, Cl. 179-157.000.
- Campbell, Robert K.: *See—*
  - Weinstein, Richard; Davis, James W.; and Campbell, Robert K., 4,555,058, Cl. 239-223.000.
- Campbell, Robert W.; and Ruff, Donald O., to General Motors Corporation. Motor vehicle electrical system. 4,491,779, 1-1-85, Cl. 320-6.000.
- Campbell, Robert W.: *See—*
  - Nimer, Edward L.; and Campbell, Robert W., 4,496,659, Cl. 501-140.000.
- Campbell, Roscoe, to Harris Graphics Corporation. Web skewing apparatus. 4,556,208, 12-3-85, Cl. 270-52.000.
- Campbell, Roy: *See—*
  - Price, Anthony G.; and Campbell, Roy, 4,550,810, Cl. 188-71.400.
  - Reynolds, Desmond H. J.; Price, Anthony G.; and Campbell, Roy, 4,547,967, Cl. 303-7.000.
- Campbell, Russell J., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Error correcting code decoder. 4,493,080, 1-8-85, Cl. 371-37.000.
- Campbell Scientific, Inc.: *See—*
  - Campbell, Gaylon S.; Tanner, Bertrand D.; and Gauthier, Robert V., 4,526,034, Cl. 73-336.500.
- Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., to Pfizer Inc. Dihydropyridine anti-ischaemic and antihypertensive agents. 4,515,799, 5-7-85, Cl. 514-341.000.
- Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., to Pfizer Inc. Dihydropyridine derivatives and their use in treating heart conditions and hypertension. 4,539,322, 9-3-85, Cl. 514-253.000.
- Campbell, Simon F.; Jaxa-Chamiec, Albert A.; and Roberts, David A., to Pfizer Inc. Cardiac stimulating cyclic sulfonamido substituted 4-piperidino-quinazoline derivatives, compositions, and method of use therefor. 4,542,132, 9-17-85, Cl. 514-222.000.
- Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., to Pfizer Inc. Dihydropyridines and their use in treating cardiac conditions and hypertension. 4,547,502, 10-15-85, Cl. 514-253.000.
- Campbell, Simon F.: *See—*
  - Alker, David; Cross, Peter E.; and Campbell, Simon F., 4,548,935, Cl. 514-230.000.
- Campbell Soup Company: *See—*
  - Colacci, John R., 4,491,159, Cl. 141-134.000.
  - Egee, Walter W., 4,539,879, Cl. 83-107.000.
  - Gaehring, David P.; and Scanlon, John V., 4,504,504, Cl. 426-321.000.
  - Gaehring, David P.; Krystek, Edward H.; and Hildebolt, William M., 4,529,609, Cl. 426-532.000.
  - Gaehring, David P., 4,556,576, Cl. 426-615.000.
  - Goldhahn, Stephen L., 4,543,263, Cl. 426-520.000.
  - Goldhahn, Stephen L., 4,547,383, Cl. 426-524.000.
  - Hildebolt, William M., 4,522,015, Cl. 53-425.000.
  - Hudson, James A., 4,538,694, Cl. 177-145.000.
  - von Lersner, Wolf A.; Cheeseman, Edward W.; Simpson, Thomas K.; and Weaver, George R., 4,554,955, Cl. 141-1.000.
  - Wilkerson, C. William, 4,538,806, Cl. 272-122.000.
  - Wu, Lung-chi; and Bretzloff, Carl W., 4,534,781, Cl. 71-5.000.
- Campbell, Stephen E.: *See—*
  - Scantlebury, Todd V.; Ambruster, Jeanne B.; Bolton, Carl W.; Campbell, Stephen E.; and Green, La Thaggar, III, 4,531,916, Cl. 433-173.000.
- Campbell, Sterrett P., to AMF Incorporated. Method of dispensing dough. 4,517,212, 5-14-85, Cl. 426-496.000.
- Campbell, Steven J.; Stickley, Keith A.; and Klingensmith, David R., to Sperry Corporation. Staggered spiral rasp bar segments for axial flow combines. 4,505,279, 3-19-85, Cl. 130-27.00T.
- Campbell, Thomas G., to United States of America, National Aeronautics and Space Administration. Aircraft rotor blade with passive tuned tab. 4,514,143, 4-30-85, Cl. 416-23.000.
- Campbell, Valtin T., Jr. Car body guard. 4,493,502, 1-15-85, Cl. 293-128.000.
- Campbell, Willis R.; Hunt, Larry J.; and Waldrop, T. William, to Sperry Corporation. Automatic latch for draft member of bale handler. 4,508,359, 4-2-85, Cl. 280-463.000.
- Campbell, Willis R.; and Blanshine, Allison W., to Sperry Corporation. Continuous roll baling machine. 4,510,861, 4-16-85, Cl. 100-88.000.
- Campbell, Willis R. Solar heat collector. 4,513,731, 4-30-85, Cl. 126-432.000.
- Campbell, Willis R.; and Walker, James D., to Sperry Corporation. Twine wrapping apparatus for a roll baling machine. 4,517,890, 5-21-85, Cl. 100-5.000.
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  - Shenberger, Paul S.; Walker, James D.; and Campbell, Willis R., 4,505,197, Cl. 100-5.000.
  - Walker, James D.; Underhill, Kenneth R.; and Campbell, Willis R., 4,517,889, Cl. 100-5.000.
- Campello, Ugo; Racca, Enrico; Sosta, Pierluigi; and Baggiolini, Deris, to New High Glass. Compact. 4,555,020, 11-26-85, Cl. 206-235.000.
- Campen, Kenneth W., to Tecumseh Products Company. Flywheel mounting of permanent magnet group. 4,550,697, 11-5-85, Cl. 123-149.00D.
- Camph, Sven E. Automatic slack adjuster. 4,518,063, 5-21-85, Cl. 188-196.0BA.
- Campi, Morris; and Sindoris, Arthur R., to United States of America, Army. Phase scanned microstrip array antenna. 4,521,781, 6-4-85, Cl. 343-700.0MS.
- Campillo, Christian; and Michaud, Jean-Pierre, to Ste Look. Locking device for a ski binding. 4,494,767, 1-22-85, Cl. 280-612.000.
- Campillo, Christian: *See—*
  - Bernard, Jean; Beyl, Jean J. A.; Campillo, Christian; and le Faou, Daniel, 4,533,154, Cl. 280-615.000.
  - Bernard, Jean; Beyl, Jean J. A.; Campillo, Christian; and le Faou, Daniel, 4,553,771, Cl. 280-615.000.
  - Beyl, Jean J. A.; Buzon, Philippe; Campillo, Christian; Cursillat, Jackie; le Faou, Daniel; and Peyre, Henri, 4,494,769, Cl. 280-630.000.
- Campisi, Carl, to Zenith Electronics Corporation. Component delivery system. 4,551,913, 11-12-85, Cl. 29-740.000.
- Campman, Arthur R.: *See—*
  - Parker, Leon; and Campman, Arthur R., 4,506,611, Cl. 112-79.00R.
- Campman, Keith S.; and Ernst, William B., to Dow Chemical Company, The. Flow meter and densitometer apparatus and method of operation. 4,513,625, 4-30-85, Cl. 73-861.720.
- Campo, Juan J., to Babcock & Wilcox Company, The. Assembly of conductor guides for offshore drilling platform. 4,561,802, 12-31-85, Cl. 405-195.000.
- Campo, Juan J.; and Crutti, John A., Sr., to McDermott International, Inc. Conductor guide system for offshore drilling platform. 4,561,803, 12-31-85, Cl. 405-224.000.
- Campoli, Alan A.; and Garcia, Fred, to United States of America, Interior. Self-actuating vacuum gas/liquid separator. 4,500,329, 2-19-85, Cl. 55-189.000.
- Campolini, John; and Khaan, Dennis, to Coldstream (Engineering) Limited. Mixer having workhead operable in mixing and pumping modes. 4,499,562, 2-12-85, Cl. 366-264.000.
- Campolmi, Stefano: *See—*
  - Dalcanale, Enrico; Bottaccio, Giorgio; Campolmi, Stefano; and Montanari, Fernando, 4,549,025, Cl. 546-327.000.
- Camprincoli, Pierpaolo; Marcaccioli, Enzo; and Rosati, Luciano, to Montedison S.p.A. Fibrilled polymeric films as reinforcement in manufactured products based on hydraulic binders. 4,544,606, 10-1-85, Cl. 428-454.000.
- Camps, Marcel; Douillard, Alain; Dubois, Jean-Claude; Gazard, Maryse; Montheard, Jean-Pierre; Pascal, Thierry; and Seytre, Gerard, to Thomson-CSF. Polymers containing heterocycles and aromatic nuclei, and conductive organic materials made from such polymers. 4,508,639, 4-2-85, Cl. 252-500.000.
- Campsey, Ronald L.: *See—*
  - Richter, Albert P., Jr.; Campsey, Ronald L.; Paap, Hans J.; and Bussian, Alfred E., 4,514,627, Cl. 250-255.000.
- Campsmith, John G.: *See—*
  - Felter, John V.; and Campsmith, John G., 4,528,569, Cl. 343-840.000.
- Camren, Robert: *See—*
  - Reisgies, Rolf W.; and Camren, Robert, 4,516,530, Cl. 119-14.080.

- Camus, Etienne, to Jeumont-Schneider Corporation. Total security time-delay circuit. 4,559,460, 12-17-85, Cl. 307-592.000.
- Camus, Jean-Paul, to CEM Compagnie Electro-Mecanique. Process and means to control the average heating power induced in a flat conducting product maintained electromagnetically in position without contact. 4,531,037, 7-23-85, Cl. 219-10.750.
- Can and Bottle Systems, Inc.: *See—*
  - Hampson, Alfred A., 4,558,212, Cl. 235-383.000.
- Can-Dive Services Ltd.: *See—*
  - Nuytten, Rene T., 4,549,753, Cl. 285-95.000.
- Canada Cup, Inc.: *See—*
  - Thomas, Tommy; and West, John W., 4,540,543, Cl. 264-526.000.
- Canada, Her Majesty the Queen in right of, as represented by the Minister of Energy and Natural Resources: *See—*
  - Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.
  - George, Albert E.; and Poirier, Marc-Andre, 4,519,915, Cl. 210-663.000.
  - Mitchell, Crighton M., 4,561,062, Cl. 364-555.000.
  - Novak, Milan, 4,561,207, Cl. 43-87.000.
  - Ternan, Marten; and Parsons, Basil I., 4,558,031, Cl. 502-355.000.
  - Wan, Jeffrey K. S.; and Kriz, Jaroslav F., 4,545,879, Cl. 204-158.00R.
- Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence: *See—*
  - Cornish, William D.; and Hewitt, Lawrence B., 4,533,886, Cl. 333-218.000.
  - Dyck, Walter R.; and Eirich, Ronald A., 4,549,551, Cl. 128-689.000.
  - McAndless, John M., 4,548,072, Cl. 73-159.000.
- Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government: *See—*
  - Berube, Gilles, 4,498,396, Cl. 102-529.000.
  - Bhartia, Prakash; and Bahl, Inder J., 4,529,987, Cl. 343-700.0MS.
  - Bryan, Lawrence E., 4,529,702, Cl. 435-253.000.
  - Campbell, Russell J., 4,493,080, Cl. 371-37.000.
  - Cielo, Paolo G.; and McMahon, Garfield W., 4,525,818, Cl. 367-149.000.
  - Conway, Larry J.; Tucker, Trevor W.; and Bouchard, Sylvain L., 4,504,791, Cl. 328-15.000.
  - Duchesne, Gonzague L.; and Perrault, Guy, 4,517,035, Cl. 149-19.920.
  - Fothergill, Noel O., 4,498,052, Cl. 330-149.000.
  - MacDonald, R. Ian; Hara, Elmer H.; and Hum, Robert H., 4,506,151, Cl. 250-213.00A.
  - McMahon, Garfield W.; and Armstrong, Bruce A., 4,524,693, Cl. 367-167.000.
  - McMahon, Garfield W., 4,529,906, Cl. 310-13.000.
  - Peddle, Darren C., 4,522,380, Cl. 269-71.000.
  - Preston, John M.; Ward, Thomas V.; and Morrow, William H., 4,516,857, Cl. 356-418.000.
  - Tucker, Trevor W.; and Conway, Larry J., 4,504,785, Cl. 324-77.00H.
  - Waggoner, Clinton A.; Dominique, Harry P.; Moonie, Gary A.; and Kaye, Bruce J., 4,506,960, Cl. 350-529.000.
  - Wakeman, Philip E. D., 4,501,020, Cl. 455-226.000.
  - Yazar, M. Nihat, 4,496,901, Cl. 324-95.000.
- Canada, Her Majesty the Queen in righy of, as represented by the Minister of National Defence: *See—*
  - Gill, Bernard B. J.; and Yergeau, Joseph L. P. M., 4,546,659, Cl. 73-864.620.
- Canada Packers Inc.: *See—*
  - Bharucha, Kekhusroo R.; and Slemon, Clarke E., 4,547,271, Cl. 204-59.00R.
  - Wein, Edward, 4,495,206, Cl. 426-250.000.
- Canada, Robert O.: *See—*
  - Masaitis, William; and Canada, Robert O., 4,499,595, Cl. 382-9.000.
  - Schoenig, Frederick C., Jr.; Grossman, Leonard N.; Lai, Ching C.; Masaitis, William; and Canada, Robert O., 4,496,056, Cl. 209-539.000.
- Canada, Ronald G.; Piety, Kenneth R.; Simpson, Daniel G.; and Pardue, E. Forrest, to Technology for Energy Corporation. Vibration monitoring device. 4,520,674, 6-4-85, Cl. 73-660.000.
- Canada Wire and Cable Limited: *See—*
  - Vokey, David E., 4,518,034, Cl. 156-54.000.
- Canadas, Jean C.; and Vigo, Gilles, to Compagnie Industrielle de Mecanismes. Sun-glare shield in particular for an automobile vehicle. 4,518,192, 5-21-85, Cl. 296-97.00H.
- Canadian Fram Limited: *See—*
  - Charles, Herbert N., 4,499,865, Cl. 123-41.050.
  - Charles, Herbert N., 4,501,129, Cl. 62-239.000.
  - Kearsley, Walter H.; and Wendt, David L., 4,545,357, Cl. 123-556.000.
- Canadian General Electric Company Limited: *See—*
  - Bath, Duncan T.; and Ferguson, James H., 4,547,690, Cl. 310-214.000.
  - deHertel Eastcott, Peter; and Trussler, Ronald C., 4,520,910, Cl. 192-0.02R.
  - Eastcott, Peter D.; and Trussler, Ronald C., 4,491,767, Cl. 318-85.000.
  - Eastcott, Peter D.; and Trussler, Ronald C., 4,496,883, Cl. 318-98.000.
  - Ferguson, Donald K., 4,538,202, Cl. 361-124.000.
  - Schwalm, Charles L.; and Hill, Walter A., 4,556,830, Cl. 318-326.000.
  - Trussler, Ronald C.; Stevenson, Andrew C.; and Eastcott, Peter D., 4,556,826, Cl. 318-92.000.
- Canadian Liquid Air Ltd.: *See—*
  - Savard, Guy; and Lee, Robert G. H., 4,509,595, Cl. 166-261.000.
  - Savard, Guy; and Lee, Robert G. H., 4,557,329, Cl. 166-261.000.
- Canadian Occidental Petroleum Ltd.: *See—*
  - Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.
- Canadian Patents & Development Limited: *See—*
  - Ayer, John B., 4,509,102, Cl. 361-92.000.
  - Barszczewski, Andrzej, 4,494,067, Cl. 324-79.00D.
  - Blaauw, Cornelis; Naguib, Hussein M.; Ahmed, Syed M.; and Aftab, Ahmad, 4,524,091, Cl. 427-74.000.
  - Boillot, Jean-Paul; Begin, Ghislain; Alexandrov, N.; Fihey, Jean-Luc; Di Vincenzo, A.; and Villemure, Denis, 4,532,404, Cl. 219-124.340.
  - Broughton, Roger; and da Costa, Bernardo, 4,550,736, Cl. 128-731.000.
  - Campbell, Herbert W.; and Crescuolo, Phillip J., 4,544,489, Cl. 210-709.000.
  - Cheng, Richard M. H.; and Lee, Rock S., 4,540,289, Cl. 366-274.000.
  - Cielo, Paolo G.; and Bussiere, Jean, 4,541,280, Cl. 73-603.000.
  - Dauphinee, Thomas M.; and Kirby, Christopher G. M., 4,511,845, Cl. 324-444.000.
  - Dobrowolski, Jerzy A., 4,543,910, Cl. 118-665.000.
  - Inculet, Ion I.; and Hodgson, Kenneth J., 4,509,694, Cl. 239-697.000.
  - Ittipiboon, Apisak; Shafai, Lotfollah; and Bridges, Ernest, 4,516,129, Cl. 343-772.000.
  - Kutowy, Oleh; Thayer, William L.; and Sourirajan, Srinivasa, 4,496,502, Cl. 264-41.000.
  - Lompa-Krzymien, Ludmila, 4,491,454, Cl. 44-1.0SR.
  - Poirier, Marc-Andre; and George, Albert E., 4,529,504, Cl. 208-254.00R.
  - Ramachandran, Kovilvila, 4,498,969, Cl. 204-298.000.
  - Ramachandran, Kovilvila; and Giani, Enrico, 4,505,798, Cl. 204-298.000.
  - Riley, Victor, 4,543,012, Cl. 405-71.000.
  - Rubin, Leon J.; Diosady, Levente L.; Shahidi, Fereidoon; and Wood, Darrell F., 4,559,234, Cl. 426-250.000.
  - Sakundiak, James M., 4,529,039, Cl. 172-4.000.
  - So, Eddy, 4,554,513, Cl. 330-85.000.
  - Strickland, John I., 4,527,162, Cl. 343-351.000.
  - Szabo, Ervin I.; and Whiting, Laurence V., 4,509,983, Cl. 106-38.200.
  - Szabo, Ervin I., 4,514,227, Cl. 106-38.200.
  - Teitelbaum, Heshel, 4,547,071, Cl. 356-344.000.
  - van Eyken, Lawrence A. J.; and Perlin, Semion, 4,534,527, Cl. 246-445.000.
  - Whitehead, Lorne A., 4,542,449, Cl. 362-330.000.
  - Ziogas, Phiovos D.; and Ranganathan, V. Thathachary T., 4,556,937, Cl. 363-8.000.
- Canadian Ursus Rubber Limited: *See—*
  - Bonetta, Angelo A.; and Galiotto, Bruno R., 4,534,365, Cl. 128-779.000.
- Canale, Jon S.: *See—*
  - Heidmann, Kurt R.; Canale, Jon S.; and Burkhardt, Hans, 4,522,287, Cl. 188-73.350.
- Canalizo, Carlos R., to Otis Engineering Corporation. Well pumping apparatus and method. 4,516,917, 5-14-85, Cl. 417-390.000.
- Canalizo, Carlos R.; and Hays, James M., to Otis Engineering Corporation. Method and apparatus for producing a well. 4,545,731, 10-8-85, Cl. 417-86.000.
- Canalizo, Carlos R. Well pump. 4,551,075, 11-5-85, Cl. 417-383.000.
- Canamero, Ernest V.: *See—*
  - Cherkasky, Miles R.; and Canamero, Ernest V., 4,500,276, Cl. 425-297.000.
  - Cherkasky, Miles R.; and Canamero, Ernest V., 4,539,213, Cl. 426-512.000.
- Canato, Luigi: *See—*
  - Belforte, Piero; Bostica, Bruno; Pilati, Luciano; Bovo, Amilcare; and Canato, Luigi, 4,545,051, Cl. 370-66.000.
  - Bovo, Amilcare; and Canato, Luigi, 4,536,870, Cl. 370-16.000.
- Canay, Muzaffer, to BBC Brown, Boveri & Company, Limited. Apparatus for reducing subsynchronous frequencies in a power supply. 4,551,780, 11-5-85, Cl. 361-113.000.
- Canberra Industries, Inc.: *See—*
  - Tench, Orren K., Jr., 4,510,758, Cl. 62-45.000.
- Cancio, Leopoldo V.; and Wu, Pai-Chuan, to Clopay Corporation. Random embossed matte plastic film. 4,546,029, 10-8-85, Cl. 428-141.000.
- Candau, Francoise; Leong, Yee-Sing; Kohler, Norbert; and Dawans, Francois, to Institut Francais du Petrole. Process for manufacturing a microlatex in a continuous oil phase by polymerization of a water-soluble monomer in a water-in-oil microemulsion, resultant microlatices, and their use for enhanced oil recovery. 4,521,317, 6-4-85, Cl. 252-8.55D.
- Candee, Clark B.: *See—*
  - Calhoun, Gregory L.; and Candee, Clark B., 4,526,135, Cl. 122-382.000.
- Candela Corporation: *See—*
  - Bees, George L., 4,506,196, Cl. 315-241.00R.
  - Rice, Benjamin M., 4,497,018, Cl. 363-96.000.
- Candiotti, Marcello: *See—*
  - Marini, Paolo; and Candiotti, Marcello, 4,554,213, Cl. 428-418.000.

- Candor, James T. Electrostatic method for treating material. 4,551,924, 11-12-85, Cl. 34-1.000.
- Candor, James T.: *See—*
  - Tassone, Joseph V.; and Candor, James T., 4,559,188, Cl. 264-24.000.
- Candy, James C.; and King, Bernard G., to AT&T Bell Laboratories. Terrestrial light beam communication system. 4,491,982, 1-1-85, Cl. 455-607.000.
- Cane, David A., to Massachusetts Computer Corporation. Computer memory control. 4,525,778, 6-25-85, Cl. 364-200.000.
- Cane, Michael R., to BICC Public Limited Company. Separable electrical connectors with fluid escape path. 4,553,807, 11-19-85, Cl. 339-94.00R.
- Canella, Marco; Marghinotti, Daniele; Bernardi, Adriano; and Sodini, Giancarlo, to E.N.I. Ente Nazionale Idrocarburi. Fermented sunflower meal and the method for its preparation. 4,551,335, 11-5-85, Cl. 426-44.000.
- Caner, Ali R.; and Spencer, Kenneth B., to American Can Company. Hot filled container. 4,542,029, 9-17-85, Cl. 426-127.000.
- Canestaro, Michael J.; Kaschak, Ronald A.; McBride, Donald G.; and Seraphim, Donald P., to International Business Machines Corporation. Method for plating from an electroless plating bath. 4,554,184, 11-19-85, Cl. 427-345.000.
- Canet, Roland; Delhaes, Pierre; Dupart, Eliane; Pacault, Adolphe; Pascal, Claude; and Manceau, Jean-Pierre, to Commissariat a l'Energie Atomique. Piezoresistive gauge formed by an electrically conductive organic compound. 4,535,317, 8-13-85, Cl. 338-36.000.
- Canevari, Gerard P., to Exxon Research & Engineering Co. Chemical dispersant for viscous oils. 4,560,482, 12-24-85, Cl. 210-749.000.
- Canfield, Douglas M.; and Casso-Solar Corporation. Glass sheet treating furnace with a roller conveyor. 4,528,016, 7-9-85, Cl. 65-163.000.
- Canfield, Douglas M.; and Gialanella, Joseph, to Casso-Solar Corporation. Clip-mounted quartz tube electric heater. 4,531,047, 7-23-85, Cl. 219-354.000.
- Canfield, Robert E.; Ehrlich, Paul H.; and Moyle, William R., to Columbia University, The Trustees of. Monoclonal antibody mixtures and use thereof for enhanced sensitivity immunoassays. 4,514,505, 4-30-85, Cl. 436-500.000.
- Cangelosi, Frank V. Combination mounting bracket and light socket. 4,491,902, 1-1-85, Cl. 362-389.000.
- Cangialosi, Arthur D., to United States of America, Navy. Gyro sensor block suspension. 4,534,648, 8-13-85, Cl. 356-350.000.
- Cangiano, Frank: *See—*
  - Dolan, Richard J.; Cangiano, Frank; and Van der Linde, John, 4,507,712, Cl. 362-61.000.
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- Canham, Kevin, to Allied Corporation. Electrical termination system and connector member. 4,508,410, 4-2-85, Cl. 339-99.00R.
- Caniglia, Joseph E. Wiping device. 4,546,517, 10-15-85, Cl. 15-214.000.
- Canimport Ltee: *See—*
  - Croteau, Rene, 4,559,140, Cl. 210-497.200.
- Canivet, Guy M. C., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Device for controlling and regulating the cross section of a variable area propulsive nozzle. 4,501,117, 2-26-85, Cl. 60-235.000.
- Canivet, Jean-Luc, to Les Cables de Lyon. Method of injecting a viscous filler material into fiber-receiving grooves in the core of an optical fiber cable. 4,548,664, 10-22-85, Cl. 156-166.000.
- Canivet, Jean-Luc, to Les Cables de Lyon. Apparatus for stranding armor wires about a cable core, and method implemented by the apparatus. 4,555,898, 12-3-85, Cl. 57-19.000.
- Canivet, Patrick: *See—*
  - de la Mettrie, Roland; and Canivet, Patrick, 4,555,247, Cl. 8-405.000.
- Canivez, Etienne: *See—*
  - Lyskawa, Edmond; Roger, Paul; Marquis, Jean; and Canivez, Etienne, 4,545,860, Cl. 201-41.000.
- Cann, Everett D. Process for the treatment of waste and contaminated waters with improved recovery of aluminum and iron flocculating agents. 4,539,119, 9-3-85, Cl. 210-711.000.
- Cann, Gordon L. Micro-arc milling of metallic and non-metallic substrates. 4,495,399, 1-22-85, Cl. 219-121.0PY.
- Cann, Gordon L. Spacecraft optimized arc rocket. 4,548,033, 10-22-85, Cl. 60-203.100.
- Cann, Kevin J.: *See—*
  - Beran, Debra L.; Cann, Kevin J.; Jorgensen, Robert J.; Karol, Frederick J.; Maraschin, Norma J.; and Marcinkowsky, Arthur E., 4,508,842, Cl. 502-112.000.
- Cannady, Daniel L., Jr., to Westinghouse Electric Corp. Antistatic laminates containing long carbon fibers. 4,540,624, 9-10-85, Cl. 428-282.000.
- Cannady, Daniel L., Jr.; Berg, Gilbert G.; Leschek, Walter C.; and Meier, Joseph F., to Westinghouse Electric Corp. Method utilizing ultrasonically induced cavitation to impregnate porous sheet passing through a resin bath. 4,552,781, 11-12-85, Cl. 427-57.000.
- Cannady, John P., to Dow Corning Corporation. Silicon nitride-containing ceramics. 4,535,007, 8-13-85, Cl. 427-226.000.
- Cannady, John P., to Dow Corning Corporation. Hydrosilazane polymers from $[R_3Si]_2NH$ and $HSiCl_3$. 4,540,803, 9-10-85, Cl. 556-412.000.
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- Cannaux, Guy; and Calvet, Gerard, to Compagnie Francaise de Raffinage. Pump and control unit for a solar heating installation for a water tank, and particularly for a swimming pool. 4,541,413, 9-17-85, Cl. 126-422.000.
- Cannavo, Glenn M.: *See—*
  - Gerteisen, Steven R.; Wenger, Richard M.; and Cannavo, Glenn M., 4,500,595, Cl. 428-294.000.
- Cannella, Vincent D., to Sovonics Solar Systems. Photovoltaic panel having enhanced conversion efficiency stability. 4,544,798, 10-1-85, Cl. 136-251.000.
- Cannella, Vincent D.; Hansell, Gregory L.; Yaniv, Zvi; and Vijan, Meera, to Energy Conversion Devices, Inc. High current thin film transistor. 4,547,789, 10-15-85, Cl. 357-23.700.
- Cannella, Vincent D.: *See—*
  - Izu, Masatsugu; and Cannella, Vincent D., 4,510,674, Cl. 29-574.000.
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- Canning, Howard; and Weber, Peter, to Twinpak, Inc. Pouch handle. 4,555,804, 11-26-85, Cl. 383-25.000.
- Canning, John L.; and Kay, John F., to Owens-Corning Fiberglas Corporation. Method of molding multi-ply polymeric composites. 4,551,390, 11-5-85, Cl. 428-431.000.
- Canning, Terry D.; and Hovan, Francis E., to Rockwell International Corporation. Electrical connector. 4,519,667, 5-28-85, Cl. 339-186.00M.
- Cannon, David W.: *See—*
  - Oja, Tonis; Petersen, Gary L.; and Cannon, David W., 4,497,208, Cl. 73-584.000.
- Cannon, Joseph P. Anal medication applicator. 4,560,376, 12-24-85, Cl. 604-54.000.
- Cannon, Lee E.; and Wilson, Kentner B., to Wilson, Kentner B. Automatic tool changer. 4,499,650, 2-19-85, Cl. 29-568.000.
- Cannon, Lee E.; Schmitt, Peter C.; and Cheever, Dan R., to Allen-Bradley Company. Position transducer. 4,553,080, 11-12-85, Cl. 318-696.000.
- Cannon, Mark W., Jr., to United States of America, Air Force. Method and apparatus for objective determination of visual contrast sensitivity functions. 4,493,539, 1-15-85, Cl. 351-205.000.
- Cannon, Warren R.: *See—*
  - Wu, Jenn-Ming; Cannon, Warren R.; and Panzera, Carlino, 4,515,634, Cl. 106-35.000.
- Cannon, William N., to Eli Lilly and Company. Nitrosamine inhibition. 4,501,608, 2-26-85, Cl. 71-121.000.
- Cannondale Corporation: *See—*
  - Graham, David R., 4,513,[illegible]5, Cl. 280-281.00R.
- Cano, Manuel I., to Ensamblaje y Manipulacion Industrial, S.A. (EMINSA). Apparatus for applying reinforcement bottoms to plastic bottles. 4,551,193, 11-5-85, Cl. 156-423.000.
- CanOcean Resources Ltd.: *See—*
  - Gibb, Peter R., 4,558,744, Cl. 166-335.000.
- Canon Denshi Kabushiki Kaisha: *See—*
  - Hirano, Hirofumi; and Hasumi, Hitoshi, 4,504,159, Cl. 400-148.000.
  - Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, 4,506,220, Cl. 324-252.000.
  - Toshimitsu, Naohiko; and Fujimura, Masayuki, 4,523,244, Cl. 360-129.000.
  - Watanabe, Satoshi; Wakasawa, Toru; Hirano, Hirofumi; and Nishizawa, Hiroshi, 4,494,885, Cl. 400-145.200.
- Canon Kabushiki Kaisha: *See—*
  - Adachi, Hiroyuki, 4,530,594, Cl. 355-15.000.
  - Aihara, Yoshihiko, 4,545,665, Cl. 354-402.000.
  - Ando, Yujiro; and Fujii, Haruo, 4,502,061, Cl. 346-153.100.
  - Aoki, Kanemasa, 4,532,449, Cl. 310-198.000.
  - Aoki, Takao; Inoue, Takahiro; Goto, Masahiro; and Takeda, Kenji, 4,494,856, Cl. 355-3.00R.
  - Aoki, Takao; Kadowaki, Hidejiro; and Iwami, Naoki, 4,504,137, Cl. 355-4.000.
  - Aoki, Tomohiro; and Tanaka, Hidetoshi, 4,561,767, Cl. 355-26.000.
  - Aoyagi, Masao, 4,496,217, Cl. 350-255.000.
  - Arai, Ryuichi; and Toganoh, Shigeo, 4,550,053, Cl. 428-304.400.
  - Arakawa, Kazuhiro, 4,527,862, Cl. 350-334.000.
  - Arao, Kozo; and Sato, Tadashi, 4,523,803, Cl. 350-96.130.
  - Ayata, Naoki; Shirato, Yoshiaki; Takatori, Yasushi; and Seki, Mitsuaki, 4,520,373, Cl. 346-140.00R.
  - Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, 4,521,805, Cl. 358-75.000.
  - Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,527,885, Cl. 355-3.00R.
  - Ayata, Naoki; and Konuki, Tadashi, 4,553,834, Cl. 355-53.000.
  - Baba, Takeshi; and Matsuoka, Kazuhiko, 4,517,5[illegible]9, Cl. 358-75.000.
  - Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.
  - Edakubo, Hiroo; and Maeda, Masaya, 4,499,504, Cl. 358-335.000.
  - Edakubo, Hiroo, 4,532,563, Cl. 360-96.500.
  - Edakubo, Hiroo; Takayama, Nobutoshi; and Takimoto, Hiroyuki, 4,558,382, Cl. 360-77.000.
  - Egawa, Akira; and Tokuda, Ryuji, 4,544,254, Cl. 354-403.000.

Endo, Ichiro; Ogura, Shigetaro; and Ohno, Shigeru, 4,531,138, Cl. 346-140.00R.

Endo, Takashi, 4,500,187, Cl. 354-266.000.

Fujibayashi, Kazuo, 4,506,970, Cl. 354-406.000.

Fujibayashi, Kazuo; Sugiura, Muneharu; and Tsuji, Sadahiko, 4,525,036, Cl. 350-427.000.

Fujii, Haruo; and Ando, Yujiro, 4,491,855, Cl. 346-159.000.

Fujiki, Makoto; and Takayama, Makoto, 4,507,688, Cl. 360-13.000.

Fujiki, Makoto; and Takayama, Makoto, 4,549,236, Cl. 360-19.100.

Fujimoto, Ryo, 4,498,097, Cl. 358-12.000.

Fujimoto, Ryo, 4,511,916, Cl. 358-28.000.

Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, 4,533,232, Cl. 355-3.00R.

Fujino, Masahisa; Sunouchi, Akio; Suzuki, Ryuji; and Konno, Tatsuo, 4,494,844, Cl. 354-241.000.

Fujiyama, Yasutomo; and Kamiya, Osamu, 4,526,644, Cl. 156-345.000.

Fujiyama, Yasutomo; and Kamiya, Osamu, 4,529,474, Cl. 156-643.000.

Fujiyama, Yasutomo; and Okabe, Shotaro, 4,539,934, Cl. 118-723.000.

Fujiyama, Yasutomo; and Okabe, Shotaro, 4,545,328, Cl. 118-723.000.

Fukui, Hiroshi, 4,510,505, Cl. 346-76.0PH.

Fukui, Hiroshi, 4,543,588, Cl. 346-76.0PH.

Fukumoto, Hiroshi; Inoue, Sukejiro; Sasakawa, Masumi; and Doi, Shinji, 4,533,614, Cl. 430-99.000.

Furuichi, Katsushi, 4,505,579, Cl. 355-55.000.

Fushimoto, Hideo; Toyomura, Shigeru; Nishimuro, Yoshiaki; Asakura, Osamu; and Rachi, Masahiro, 4,517,660, Cl. 364-708.000.

Fushimoto, Hideo, 4,532,529, Cl. 346-136.000.

Harada, Yuji, 4,508,428, Cl. 350-337.000.

Harada, Yuji, 4,553,820, Cl. 350-331.00R.

Haraguchi, Shosuke; and Tosaka, Yoichi, 4,500,185, Cl. 354-209.000.

Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, 4,496,227, Cl. 354-289.120.

Harigaya, Isao, 4,499,587, Cl. 377-18.000.

Haruta, Masahiro; and Hamamoto, Takashi, 4,496,629, Cl. 428-341.000.

Haruta, Masahiro; Hamamoto, Takashi; and Toganoh, Shigeo, 4,544,580, Cl. 427-261.000.

Hasegawa, Tetsuo; and Suematsu, Koushi, 4,555,467, Cl. 430-110.000.

Hashimoto, Seiji; Tanaka, Nobuyoshi; Suga, Akira; and Kuwayama, Tetsuro, 4,500,913, Cl. 358-44.000.

Hashimoto, Seiji; Suga, Akira; and Tanaka, Nobuyoshi, 4,525,737, Cl. 358-44.000.

Hashimoto, Seiji; and Tanaka, Nobuyoshi, 4,559,559, Cl. 358-167.000.

Hashimoto, Teiji, 4,560,265, Cl. 354-246.000.

Hatanaka, Katsunori; and Uzawa, Shunichi, 4,532,536, Cl. 357-30.000.

Hirabayashi, Hiromitsu; Sakurai, Masaaki; and Kagiura, Kazuo, 4,525,058, Cl. 355-3.0FU.

Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,507,375, Cl. 430-128.000.

Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,552,824, Cl. 430-64.000.

Hiramatsu, Akira, 4,492,453, Cl. 354-479.000.

Hiramatsu, Akira; Tosaka, Yoichi; and Suzuki, Masayuki, 4,529,284, Cl. 354-234.100.

Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, 4,551,404, Cl. 430-59.000.

Hirohata, Michio; and Kodaira, Takanori, 4,505,567, Cl. 354-403.000.

Hirohata, Michio, 4,508,442, Cl. 354-400.000.

Hirohata, Michio; and Ikari, Hideo, 4,534,638, Cl. 354-418.000.

Hirooka, Masaaki; Kubo, Keiji; and Yoshihara, Toshiyuki, 4,517,271, Cl. 430-94.000.

Hirooka, Masaaki, 4,554,180, Cl. 427-248.100.

Hirooka, Masaaki; Toma, Hitoshi; and Kondo, Hideyo, 4,559,260, Cl. 428-215.000.

Honma, Toshio; Takeda, Hiroaki; and Suzuki, Tadashi, 4,542,985, Cl. 355-69.000.

Hoshino, Osamu, 4,531,828, Cl. 355-3.0SH.

Hosoe, Kazuya; and Kinoshita, Takao, 4,527,879, Cl. 354-400.000.

Hosono, Nagao, 4,500,195, Cl. 355-3.00R.

Hotta, Yoshio, 4,561,725, Cl. 350-341.000.

Ikeda, Masami; Matsuda, Hiroto; Shibata, Makoto; and Takahashi, Hiroto, 4,536,250, Cl. 156-651.000.

Ikemori, Keiji, 4,509,833, Cl. 350-427.000.

Imai, Eiichi; Takenouchi, Masanori; Uchiyama, Masaki; and Suematsu, Koshi, 4,554,234, Cl. 430-122.000.

Ina, Kenzo; and Hara, Teruya, 4,494,157, Cl. 360-48.000.

Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,491,401, Cl. 354-271.100.

Inoue, Sukejiro; Hasegawa, Tetsuo; and Nishikawa, Yoshihiro, 4,517,273, Cl. 430-111.000.

Inoue, Sukejiro; Fukumoto, Hiroshi; Sasakawa, Masumi; and Doi, Shinji, 4,533,617, Cl. 430-111.000.

Inoue, Sukejiro; Sasakawa, Masumi; Fukumoto, Hiroshi; and Doi, Shinji, 4,535,048, Cl. 430-110.000.

Inoue, Takahiro; Hirayama, Kazuhiro; and Tsukada, Masaharu, 4,528,580, Cl. 346-160.000.

Inuzuka, Tsuneki; Kawatsura, Yoshihiro; and Ishida, Masato, 4,538,902, Cl. 355-14.0FU.

Ishida, Masato; and Takeda, Hiroaki, 4,512,655, Cl. 355-55.000.

Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, 4,500,619, Cl. 430-59.000.

Ishikawa, Shozo; Toma, Hitoshi; and Sumino, Fumio, 4,535,043, Cl. 430-58.000.

Ishikawa, Shozo; Sakai, Kiyoshi; Mabuchi, Minoru; Watanabe, Katsunori; and Kitahara, Makoto, 4,554,231, Cl. 430-59.000.

Ishikawa, Yasuyuki, 4,533,222, Cl. 351-206.000.

Ishikawa, Yuji, 4,510,507, Cl. 346-76.0PH.

Ishiwata, Kazuya, 4,508,792, Cl. 428-702.000.

Isobe, Takashi; and Kamata, Shigeru, 4,491,396, Cl. 350-429.000.

Isohata, Junji; and Sato, Mitsuya, 4,496,239, Cl. 355-30.000.

Ito, Michio; Kitajima, Nobuo; Kasai, Masanao; and Ishihara, Shunichi, 4,551,003, Cl. 355-3.00R.

Ito, Tadashi; Isobe, Yasuo; Ito, Fumio; and Nakamoto, Soichi, 4,534,640, Cl. 354-448.000.

Ito, Yuji, 4,502,766, Cl. 351-206.000.

Iwashita, Tomonori; and Fukahori, Hidehiko, 4,522,477, Cl. 354-173.100.

Kamiya, Osamu; and Sekimura, Nobuyuki, 4,522,485, Cl. 355-11.000.

Kan, Fumitaka; and Nakahata, Kimio, 4,557,582, Cl. 355-3.0DD.

Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, 4,559,899, Cl. 118-657.000.

Kan, Yasuhito; and Miyamoto, Koichi, 4,492,371, Cl. 271-21.000.

Kanbe, Junichiro; and Hosono, Nagao, 4,511,239, Cl. 355-3.0DD.

Kanbe, Junichiro; Shirai, Shigeru; Misumi, Teruo; Saitoh, Keishi; and Osato, Yoichi, 4,536,460, Cl. 430-57.000.

Kanekiyo, Kazue; Kobayashi, Masatsune; Yokoyama, Yasumasa; Eida, Tsuyoshi; Komori, Tomoko; and Koike, Shoji, 4,505,749, Cl. 106-20.000.

Kaneko, Shuzo; Tamura, Yasuyuki; and Takahashi, Tohru, 4,493,882, Cl. 430-97.000.

Kaneko, Shuzo; and Tamura, Yasuyuki, 4,547,787, Cl. 346-160.000.

Kaneko, Syuzo, 4,548,476, Cl. 350-350.00S.

Kanemitsu, Shinji; and Tohyama, Yoshikuni, 4,544,262, Cl. 355-3.0TR.

Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, 4,551,000, Cl. 355-3.00R.

Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, 4,535,416, Cl. 364-715.000.

Kasamura, Toshirou, 4,542,976, Cl. 355-3.00R.

Kashiwagi, Kazuo; and Shirai, Masanari, 4,496,117, Cl. 242-191.000.

Kashiwagi, Kazuo; and Toda, Takao, 4,519,694, Cl. 355-5.000.

Kasuya, Yukio; Yagasaki, Toshiaki; and Masuda, Shunichi, 4,530,593, Cl. 355-14.00R.

Katagiri, Kazuharu; Oguchi, Yoshihiro; and Takasu, Yoshio, 4,548,886, Cl. 430-70.000.

Katagiri, Kazuharu; and Oguchi, Yoshihiro, 4,555,472, Cl. 430-278.000.

Kataoka, Hiroyuki, 4,494,044, Cl. 315-151.000.

Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, 4,501,481, Cl. 354-413.000.

Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, 4,541,703, Cl. 354-415.000.

Kataoka, Hiroyuki, 4,547,057, Cl. 354-415.000.

Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.

Kato, Masatake, 4,523,828, Cl. 354-403.000.

Kato, Masatake; and Hashimoto, Shigeru, 4,553,823, Cl. 350-463.000.

Katoh, Haruhisa, 4,502,113, Cl. 364-200.000.

Katsuma, Makoto; Kawamura, Masaharu; and Yamada, Masanori, 4,494,850, Cl. 354-416.000.

Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,495,432, Cl. 310-328.000.

Katsuma, Makoto; Hiramatsu, Akira; and Murakami, Hiroyasu, 4,502,771, Cl. 354-289.100.

Katsuma, Makoto; Hiramatsu, Akira; Arakawa, Kazuhiko; and Murakami, Hiroyasu, 4,509,848, Cl. 354-473.000.

Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,513,219, Cl. 310-328.000.

Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,560,263, Cl. 354-195.100.

Kawabata, Takashi, 4,495,415, Cl. 250-336.100.

Kawabata, Takashi, 4,504,135, Cl. 354-402.000.

Kawabata, Takashi; and Yamada, Masanori, 4,521,093, Cl. 354-403.000.

Kawabata, Takashi; Shinoda, Nobuhiko; and Sakai, Shinji, 4,522,480, Cl. 354-468.000.

Kawabata, Takashi, 4,547,864, Cl. 364-824.000.

Kawai, Tohru, 4,514,039, Cl. 350-255.000.

Kawamura, Naoto, 4,491,875, Cl. 358-298.000.

Kawamura, Naoto, 4,507,685, Cl. 358-283.000.

Kawamura, Naoto; and Matsumoto, Kazuya, 4,553,036, Cl. 250-578.000.
Kawamura, Naoto, 4,553,173, Cl. 358-283.000.
Kikukawa, Noriyuki; and Yamada, Yasuaki, 4,513,236, Cl. 318-696.000.
Kimura, Hiroyuki; Yazaki, Mutsunobu; Taka, Hideo; and Masunaga, Makoto, 4,494,842, Cl. 354-173.110.
Kimura, Hiroyuki, 4,504,131, Cl. 354-173.100.
Kimura, Takashi, 4,547,815, Cl. 358-335.000.
Kinoshita, Takao; and Sakai, Shinji, 4,513,313, Cl. 358-44.000.
Kinoshita, Takao; and Hosoe, Kazuya, 4,527,053, Cl. 250-201.000.
Kinoshita, Takao; Tsunekawa, Tokuichi; and Sato, Yuichi, 4,527,199, Cl. 358-213.000.
Kinoshita, Takao; Tsunekawa, Tokuichi; and Sato, Yuichi, 4,539,597, Cl. 358-213.000.
Kinoshita, Takao, 4,553,167, Cl. 358-213.000.
Kinoshita, Takao; Kawabata, Takashi; Hosoe, Kazuya; Tsunekawa, Tokuichi; and Sakane, Toshio, 4,560,864, Cl. 250-201.000.
Kishi, Hirotoshi, 4,541,706, Cl. 355-3.00R.
Kitagishi, Nozomu; and Tajima, Akira, 4,500,188, Cl. 354-406.000.
Kitagishi, Nozomu; and Tsuji, Sadahiko, 4,508,433, Cl. 350-454.000.
Kitagishi, Nozomu; Suzuki, Kenji; and Sakai, Shinji, 4,536,073, Cl. 354-406.000.
Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, 4,547,663, Cl. 250-201.000.
Kitajima, Tadayuki; and Kimura, Akiyoshi, 4,531,831, Cl. 355-57.000.
Kitajima, Tadayuki; Hayakawa, Kimiaki; Ueda, Noriyoshi; and Hiroi, Masakazu, 4,544,148, Cl. 271-3.100.
Kitamura, Takashi, 4,517,579, Cl. 346-160.000.
Kitamura, Takashi, 4,520,263, Cl. 250-223.00R.
Kitamura, Takashi, 4,528,561, Cl. 340-745.000.
Kitamura, Takashi, 4,531,217, Cl. 372-50.000.
Knechtel, Wilhelm, 4,515,460, Cl. 355-3.0TR.
Knechtel, Wilhelm, 4,541,705, Cl. 355-3.0FU.
Kobayashi, Makoto, 4,496,891, Cl. 318-696.000.
Kobayashi, Masatsune; Haruta, Masahiro; Eida, Tsuyoshi; and Ohta, Tokuya, 4,517,244, Cl. 428-342.000.
Kobayashi, Masatsune; Eida, Tsuyoshi; Koike, Shoji; Yokoyama, Yasumasa; and Komori, Tomoko, 4,557,761, Cl. 106-22.000.
Kodaira, Takanori, 4,536,068, Cl. 354-195.120.
Komine, Yoshio, 4,494,147, Cl. 358-209.000.
Komine, Yoshio, 4,539,601, Cl. 358-335.000.
Komiya, Yutaka; Kimura, Yoshimasa; and Murakami, Koichi, 4,497,568, Cl. 355-14.00R.
Komiya, Yutaka; Murakami, Katsumi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, 4,557,587, Cl. 355-14.00C.
Kondo, Hiroatsu; Ozawa, Toshiaki; and Yamada, Yasuaki, 4,494,886, Cl. 400-208.000.
Konishi, Yuichiro; Tsunekawa, Tokuichi; and Someya, Hiromi, 4,534,639, Cl. 354-432.000.
Kosugi, Masao; Konuki, Tadashi; and Iizuka, Kazuo, 4,530,587, Cl. 355-53.000.
Koumura, Noboru; Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; and Ozawa, Kunitaka, 4,500,918, Cl. 358-75.000.
Koumura, Noboru, 4,520,400, Cl. 358-296.000.
Koumura, Noboru; Mitzusawa, Nobutoshi; and Ozawa, Kunitaka, 4,528,576, Cl. 346-140.00R.
Kozuki, Susumu; Maeda, Masaya; and Takimoto, Hiroyuki, 4,495,527, Cl. 360-33.100.
Kozuki, Susumu; Takimoto, Hiroyuki; and Maeda, Masaya, 4,507,689, Cl. 360-33.100.
Kozuki, Susumu; and Takayama, Makoto, 4,544,959, Cl. 360-33.100.
Kurahayashi, Sadasuke, 4,543,611, Cl. 358-260.000.
Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,504,148, Cl. 356-401.000.
Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,545,684, Cl. 356-400.000.
Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,553,845, Cl. 356-400.000.
Kuwayama, Tetsuro, 4,504,855, Cl. 358-44.000.
Kuwayama, Tetsuro; Tanaka, Nobuyoshi; and Hashimoto, Seiji, 4,517,588, Cl. 358-44.000.
Maeda, Masaya, 4,510,534, Cl. 360-10.300.
Maeda, Masaya; Takimoto, Hiroyuki; and Kozuki, Susumu, 4,531,164, Cl. 360-33.100.
Maeda, Masaya, 4,536,805, Cl. 360-14.100.
Maeda, Masaya; and Takei, Masahiro, 4,556,920, Cl. 360-77.000.
Maeda, Masaya, 4,561,029, Cl. 360-85.000.
Maeshima, Katsuyoshi, 4,562,485, Cl. 358-280.000.
Masaki, Katsumi; and Tago, Toshifumi, 4,546,449, Cl. 364-900.000.
Masaki, Tatsuo, 4,538,884, Cl. 350-361.000.
Masuda, Shunichi; Yagasaki, Toshiaki; and Kasuya, Yukio, 4,515,458, Cl. 355-3.0SH.
Masuda, Shunichi; Shimizu, Katsuichi; Yagasaki, Toshiaki; and Sakamaki, Hisashi, 4,530,063, Cl. 364-518.000.
Masuda, Shunichi, 4,537,497, Cl. 355-14.00R.
Masuda, Shunichi; Furuichi, Katsushi; and Takahata, Naomi, 4,540,170, Cl. 271-259.000.
Masuda, Shunichi; and Satoh, Yukio, 4,549,314, Cl. 455-618.000.
Masuda, Shunichi, 4,556,310, Cl. 355-14.00R.
Masuda, Shunichi, 4,561,765, Cl. 355-14.0SH.
Masunaga, Makoto, 4,522,492, Cl. 356-1.000.
Masunaga, Makoto; and Taka, Hideo, 4,523,827, Cl. 354-400.000.
Masunaga, Makoto; and Taka, Hideo, 4,533,241, Cl. 356-1.000.
Masunaga, Makoto; and Kinoshita, Takao, 4,551,758, Cl. 358-213.000.
Matsufuji, Yohji; Togano, Shigeo; and Ichihashi, Hiroo, 4,499,478, Cl. 346-140.00R.
Matsufuji, Yohji, 4,521,785, Cl. 346-25.000.
Matsumoto, Haruyuki, 4,536,777, Cl. 346-140.0PD.
Matsumoto, Kazuya; and Endo, Kiyonobu, 4,561,032, Cl. 360-114.000.
Matsumura, Susumu; Suzuki, Takashi; and Suzuki, Kenji, 4,560,863, Cl. 250-201.000.
Matsumura, Susumu, 4,561,750, Cl. 354-406.000.
Matsuyama, Shinichi; and Shimizu, Masami, 4,538,891, Cl. 354-289.100.
Matsuyama, Shinichi, 4,561,754, Cl. 354-484.000.
Misumi, Teruo; and Osato, Yoichi, 4,518,671, Cl. 430-84.000.
Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, 4,536,459, Cl. 430-57.000.
Mitsuhashi, Yasuo, 4,499,168, Cl. 430-99.000.
Mitsuhashi, Yasuo; and Ohsaki, Ichiro, 4,522,907, Cl. 430-102.000.
Miyagawa, Akira, 4,542,391, Cl. 346-140.00R.
Miyakawa, Akira, 4,550,327, Cl. 346-140.00R.
Miyamoto, Koichi; and Tonomura, Yoshinobu, 4,501,490, Cl. 355-55.000.
Mizogui, Toyokazu, 4,529,291, Cl. 354-443.000.
Mochizuki, Noritaka; Minami, Setsuo; and Matsui, Yoshiya, 4,512,641, Cl. 350-573.000.
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Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, 4,519,685, Cl. 354-154.000.
Momiyama, Kikuo; and Fujibayashi, Kazuo, 4,544,256, Cl. 354-429.000.
Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.
Nagane, Hiromichi, 4,542,414, Cl. 358-285.000.
Nagashima, Nao, 4,499,500, Cl. 358-296.000.
Nagashima, Nao, 4,524,394, Cl. 358-296.000.
Nagata, Toru, 4,548,304, Cl. 192-46.000.
Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,551,405, Cl. 430-64.000.
Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,557,990, Cl. 430-84.000.
Nakagawa, Katsumi; Mochizuki, Noritaka; Komatsu, Toshiyuki; Fukaya, Masaki; and Kuno, Mitsutoshi, 4,558,357, Cl. 358-75.000.
Nakata, Shinichi, 4,538,924, Cl. 368-74.000.
Namai, Akihiro; and Suzuki, Ryoichi, 4,560,266, Cl. 354-400.000.
Nishimura, Yukuo, 4,536,061, Cl. 350-354.000.
Noda, Atsushi, 4,535,344, Cl. 346-139.00D.
Nose, Noriyuki, 4,539,482, Cl. 250-578.000.
Nose, Noriyuki; and Endo, Kiyonobu, 4,544,269, Cl. 356-222.000.
Odagawa, Kazuyoshi, 4,541,582, Cl. 242-55.200.
Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,529,679, Cl. 430-84.000.
Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,555,465, Cl. 430-95.000.
Ogawa, Masahiko, 4,494,848, Cl. 354-403.000.
Ogawa, Masahiko; Tamura, Shuichi; Matsuda, Mutsuhide; and Kinoshita, Takao, 4,529,304, Cl. 356-1.000.
Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, 4,508,439, Cl. 354-154.000.
Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, 4,534,633, Cl. 354-237.000.
Ohkubo, Masaharu; Hayashi, Nobuhiro; and Aoki, Tomohiro, 4,498,755, Cl. 355-3.0DD.
Ohno, Akio; and Takeda, Kenji, 4,549,803, Cl. 355-14.0FU.
Ohsaki, Ichiro; Hasegawa, Tetsuo; and Suematsu, Koushi, 4,533,616, Cl. 430-110.000.
Ohta, Masakatu, 4,497,013, Cl. 362-32.000.
Ohtaka, Keiji, 4,549,802, Cl. 354-403.000.
Ohtsuka, Masanori; and Tokuda, Ryuji, 4,550,992, Cl. 354-173.110.
Okamura, Shigeru, 4,513,297, Cl. 346-140.00R.
Okino, Tadashi, 4,527,880, Cl. 354-403.000.
Okutsu, Kazuhisa; Momose, Katsumi; and Hiraga, Ryozo, 4,530,604, Cl. 356-401.000.
Omata, Takashi, 4,492,459, Cl. 355-43.000.
Sado, Ichiro; Kishimoto, Juji; Sasaki, Masayuki; and Cho, Mitsuo, 4,551,818, Cl. 364-900.000.
Sagara, Seiji; and Hasegawa, Yuuji, 4,552,447, Cl. 355-3.00R.
Saito, Seiji; Ayata, Naoki; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,538,182, Cl. 358-280.000.
Saito, Seiji, 4,540,996, Cl. 346-140.00R.
Saito, Syuichiro, 4,504,866, Cl. 358-213.000.
Saito, Tetsuro, 4,558,190, Cl. 200-5.00A.
Saitoh, Keishi; and Arao, Kozo, 4,532,198, Cl. 430-84.000.
Saitoh, Keishi; and Ando, Wataru, 4,546,008, Cl. 427-38.000.
Sakai, Kiyoshi; Ishikawa, Shozo; Arita, Tetsuo; Mabuchi, Minoru; and Umehara, Shoji, 4,501,808, Cl. 430-59.000.
Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, 4,491,403, Cl. 354-409.000.
Sakai, Shinji; Shinoda, Nobuhiko; Kinoshita, Takao; Hosoe, Kazuya; and Kawabata, Takashi, 4,496,832, Cl. 250-201.000.
Sakai, Shinji; and Kawabata, Takashi, 4,509,841, Cl. 354-400.000.
Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, 4,538,892, Cl. 354-402.000.

Sakai, Shinji; and Kawabata, Takashi, 4,545,664, Cl. 354-400.000.
Sakai, Shinji; Kawabata, Takashi; and Harada, Yoshihito, 4,554,674, Cl. 377-17.000.
Sakaki, Hiroyuki; Tanoue, Tomonori; and Nojiri, Hidetoshi, 4,553,317, Cl. 29-572.000.
Sakurai, Atsushi, 4,523,298, Cl. 364-900.000.
Sato, Hiroshi; Yabu, Shuichi; and Kosugi, Masao, 4,506,977, Cl. 355-53.000.
Sato, Hiroshi, 4,561,773, Cl. 355-43.000.
Sato, Yasuhisa, 4,542,961, Cl. 350-475.000.
Sato, Yuichi; Sakurada, Nobuaki; Kawamura, Hideaki; and Watanabe, Yoshitaka, 4,560,997, Cl. 346-140.00R.
Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, 4,506,220, Cl. 324-252.000.
Sawamura, Mitsuharu, 4,531,838, Cl. 356-382.000.
Seki, Mitsuaki; Tazaki, Shigemitsu; and Shirato, Yoshiaki, 4,492,966, Cl. 346-33.00A.
Sekimura, Nobuyuki, 4,505,547, Cl. 350-339.00R.
Sekimura, Nobuyuki, 4,556,288, Cl. 350-339.00R.
Sekimura, Nobuyuki, 4,560,240, Cl. 350-336.000.
Seto, Susumu; and Toriumi, Akihiko, 4,505,569, Cl. 355-3.00R.
Seto, Susumu, 4,540,250, Cl. 350-438.000.
Shibata, Takehiko, 4,541,044, Cl. 364-200.000.
Shibata, Takehiko; and Yokomizo, Yoshikazu, 4,556,915, Cl. 358-280.000.
Shigenobu, Michio, 4,533,231, Cl. 355-3.0FU.
Shigenobu, Michio, 4,541,708, Cl. 355-3.0FU.
Shigenobu, Michio; and Satomura, Hiroshi, 4,544,828, Cl. 219-216.000.
Shimizu, Isamu; and Arao, Kozo, 4,517,269, Cl. 430-57.000.
Shimizu, Masami; Omi, Junji; Watanabe, Kunio; Uchidoi, Masanori; and Aizawa, Hiroshi, 4,520,340, Cl. 338-195.000.
Shimizu, Seiichi, 4,533,212, Cl. 350-318.000.
Shimizu, Seiichi, 4,544,240, Cl. 350-429.000.
Shinmi, Akira; Fukui, Masahisa; Hara, Toshitami; Shirato, Yoshiaki; and Hajimoto, Yoshioki, 4,545,881, Cl. 204-192.0SP.
Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, 4,512,656, Cl. 354-475.000.
Shinoda, Nobuhiko, 4,557,577, Cl. 354-400.000.
Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,501,807, Cl. 430-57.000.
Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,525,442, Cl. 430-57.000.
Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,539,283, Cl. 430-61.000.
Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,547,448, Cl. 430-84.000.
Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,557,987, Cl. 430-58.000.
Someya, Hiromi; Aihara, Yoshihiko; Mizogui, Toyokazu; and Suzuki, Nobuyuki, 4,525,054, Cl. 354-443.000.
Someya, Hiromi; Suzuki, Nobuyuki; and Mizogui, Toyokazu, 4,536,074, Cl. 354-442.000.
Suda, Yasuo; Alyfuku, Kiyoshi; Sunouchi, Akio; and Suzuki, Nobuyuki, 4,552,446, Cl. 354-429.000.
Suda, Yasuo; Akashi, Akira; Ishizaki, Akira; Hiramatsu, Akira; and Ohtaka, Keiji, 4,555,169, Cl. 354-407.000.
Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.
Sugitani, Hiroshi; Inamoto, Tadayoshi; and Yokota, Masami, 4,509,063, Cl. 346-140.00R.
Sugitani, Hiroshi; Matsuda, Hiroto; and Ikeda, Masami, 4,558,333, Cl. 346-140.00R.
Sugiura, Muneharu, 4,518,228, Cl. 350-427.000.
Sugiura, Susumu; Sato, Tadashi; and Nakajima, Norio, 4,505,576, Cl. 355-14.00R.
Sugiura, Susumu; and Kohzato, Yasuo, 4,533,928, Cl. 346-140.00R.
Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285, Cl. 350-600.000.
Sumi, Akiyasu; and Kawai, Tohru, 4,536,057, Cl. 350-318.000.
Sunouchi, Akio; Suzuki, Ryuji; Fujino, Masahisa; and Konno, Tatsuo, 4,500,186, Cl. 354-234.000.
Suwa, Kaname, 4,532,575, Cl. 361-413.000.
Suwa, Kaname, 4,533,976, Cl. 361-395.000.
Suzuki, Akiyoshi; Sato, Hirosi; Omata, Takashi; and Kosugi, Masao, 4,521,082, Cl. 350-405.000.
Suzuki, Eiichi, 4,533,920, Cl. 346-1.100.
Suzuki, Eiichi, 4,533,923, Cl. 346-1.100.
Suzuki, Eiichi, 4,551,736, Cl. 346-140.00R.
Suzuki, Kenichi, 4,495,634, Cl. 378-173.000.
Suzuki, Kenji, 4,497,561, Cl. 354-406.000.
Suzuki, Kenji, 4,559,446, Cl. 250-204.000.
Suzuki, Koji; Kuroda, Kouki; and Nagahira, Jyoji, 4,511,240, Cl. 355-14.00R.
Suzuki, Masayuki; Yamamichi, Masayoshi; and Ohara, Tsunemasa, 4,498,750, Cl. 354-154.000.
Suzuki, Ryoichi; and Tokuda, Ryuji, 4,500,193, Cl. 354-471.000.
Suzuki, Ryoichi; and Tokuda, Ryuji, 4,502,774, Cl. 354-403.000.
Suzuki, Ryoichi; Matsumoto, Seiichi; Amikura, Takashi; Tsunekawa, Tokuichi; and Uchiyama, Takashi, 4,516,835, Cl. 350-336.000.
Suzuki, Ryoichi; and Uchiyama, Takashi, 4,526,454, Cl. 354-227.100.
Suzuki, Ryoichi; and Tokuda, Ryuji, 4,537,489, Cl. 354-403.000.
Suzuki, Ryoichi; and Tokuda, Ryuji, 4,542,970, Cl. 354-400.000.
Suzuki, Ryoichi; and Tokuda, Ryuji, 4,547,770, Cl. 340-636.000.
Suzuki, Takashi, 4,523,807, Cl. 350-128.000.
Suzuki, Takashi; Matsumura, Susumu; and Ohtaka, Keiji, 4,534,637, Cl. 354-403.000.
Suzuki, Takashi, 4,557,580, Cl. 354-406.000.
Suzuki, Tetsuo; and Tazaki, Shigemitsu, 4,551,735, Cl. 346-140.00R.
Tachika, Tetsuji; Sakamaki, Hisashi; and Hattori, Hiroyuki, 4,494,861, Cl. 355-14.00R.
Tajima, Hatsuo; Takahashi, Tohru; and Hosono, Nagao, 4,538,896, Cl. 355-3.00R.
Tajima, Hatsuo, 4,542,980, Cl. 355-14.0FU.
Takahashi, Hideyuki; and Ishikawa, Shozo, 4,495,264, Cl. 430-58.000.
Takahashi, Hiroshi, 4,544,893, Cl. 324-433.000.
Takahashi, Hiroshi, 4,558,332, Cl. 346-140.00R.
Takahashi, Kazuo, 4,503,335, Cl. 250-548.000.
Takahashi, Sadatoshi; Tsuji, Sadahiko; Tajima, Akira; Asano, Toshiaki; and Minami, Setsuo, 4,515,446, Cl. 350-427.000.
Takahashi, Sadatoshi; and Tateoka, Masamichi, 4,527,858, Cl. 350-6.800.
Takahashi, Tohru; Tajima, Hatsuo; Shigenobu, Michio; and Washiyama, Shigemichi, 4,511,778, Cl. 219-10.55A.
Takahashi, Yuji; Masaki, Hisaji; Adachi, Muneo; and Igarashi, Masaru, 4,501,419, Cl. 271-288.000.
Takahashi, Yuji, 4,541,711, Cl. 355-14.00R.
Takahashi, Yuji, 4,542,896, Cl. 271-111.000.
Takatori, Yasushi; Yano, Yasuhiro; and Hattori, Yoshifumi, 4,499,480, Cl. 346-140.00R.
Takayama, Makoto; Muramoto, Tomotaka; and Nishimura, Akimasa, 4,499,487, Cl. 358-41.000.
Takeda, Hiroaki; Tanaka, Kano; and Murata, Shinji, 4,519,697, Cl. 355-14.00R.
Takimoto, Hiroyuki; Kuniyoshi, Takashi; and Ushiro, Tatsuzo, 4,492,982, Cl. 358-228.000.
Takimoto, Hiroyuki, 4,496,998, Cl. 360-33.100.
Takimoto, Hiroyuki, 4,517,501, Cl. 318-314.000.
Tamura, Yasuyuki, 4,514,081, Cl. 355-14.00R.
Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.
Tamura, Yasuyuki, 4,561,024, Cl. 358-287.000.
Tanaka, Kano; Ando, Yoshio; and Yanagawa, Hitoshi, 4,514,641, Cl. 250-570.000.
Tanaka, Kazuo; and Tsuji, Sadahiko, 4,544,250, Cl. 354-199.000.
Tanaka, Nobuyoshi; and Kinoshita, Takao, 4,499,496, Cl. 358-213.000.
Tateoka, Masamichi; and Ogata, Yukihiko, 4,514,626, Cl. 250-235.000.
Tateoka, Masamichi; Asano, Junichi; Kurata, Mitsuru; and Yokomizo, Yoshikazu, 4,543,491, Cl. 250-578.000.
Tazaki, Shigemitsu, 4,517,578, Cl. 346-140.00R.
Tazaki, Shigemitsu, 4,518,973, Cl. 346-140.00R.
Tazaki, Shigemitsu, 4,542,384, Cl. 346-33.00R.
Tazaki, Shigemitsu; and Kyogoku, Hiroshi, 4,543,590, Cl. 346-140.00R.
Terasawa, Koji, 4,492,969, Cl. 346-140.00R.
Terasawa, Koji, 4,506,277, Cl. 346-140.00R.
Terasawa, Koji, 4,510,510, Cl. 346-140.00R.
Terasawa, Koji, 4,543,589, Cl. 346-140.00R.
Terasawa, Koji, 4,543,591, Cl. 346-140.00R.
Terasawa, Koji, 4,556,894, Cl. 346-140.00R.
Tezuka, Nobuo, 4,509,240, Cl. 29-227.000.
Tobe, Kazumitsu, 4,554,602, Cl. 360-14.200.
Toda, Katsuhiko; and Sugiura, Susumu, 4,558,356, Cl. 358-75.000.
Toda, Katuhiko; and Sugiura, Susumu, 4,534,624, Cl. 350-429.000.
Toganoh, Shigeo; and Arai, Ryuichi, 4,542,059, Cl. 428-141.000.
Toganoh, Shigeo; Matsufuji, Yohji; and Ichihashi, Hiroo, 4,559,543, Cl. 346-140.00R.
Tokuda, Ryuji, 4,512,643, Cl. 354-21.000.
Tokuhara, Mitsuhiro; Torigai, Akiyoshi; and Morikawa, Teruo, 4,497,573, Cl. 355-58.000.
Tokuhara, Mitsuhiro, 4,536,084, Cl. 355-55.000.
Tokuhara, Mitsuhiro; and Yamada, Yu, 4,560,242, Cl. 350-425.000.
Tokuhara, Mitsuhiro, 4,560,999, Cl. 346-160.000.
Tokumitsu, Jun; and Minoura, Kazuo, 4,512,632, Cl. 350-167.000.
Tokuume, Yoshihiro; and Sato, Hideaki, 4,546,392, Cl. 360-30.000.
Tomita, Yasuo, 4,558,440, Cl. 369-13.000.
Tomosada, Masahiro; Maeshima, Katsuyoshi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, 4,552,450, Cl. 355-14.00R.
Tomosada, Masahiro, 4,557,588, Cl. 355-14.00R.
Toyama, Masamichi, 4,518,242, Cl. 354-403.000.
Toyama, Masamichi, 4,550,995, Cl. 354-403.000.
Toyono, Tsutomu; and Onoda, Shigeyoshi, 4,540,268, Cl. 355-3.00R.
Tsuda, Shin, 4,502,080, Cl. 358-256.000.
Tsukada, Masaharu; Kimizuka, Junichi; and Shimizu, Haruo, 4,496,238, Cl. 355-14.00D.
Tsunekawa, Tokuichi, 4,523,101, Cl. 250-578.000.
Tsutsui, Shinji, 4,561,688, Cl. 294-64.100.
Tsuzuki, Hiroyoshi, 4,515,452, Cl. 354-106.000.
Ueda, Hiroyuki; Yamada, Yasuaki; Ozawa, Toshiaki; Nakajima, Hiroharu; and Kondo, Hiroatsu, 4,558,965, Cl. 400-144.200.
Urawa, Motoo; and Imai, Eiichi, 4,518,672, Cl. 430-106.000.
Ushiro, Tatsuzo, 4,511,932, Cl. 360-33.100.

Ushiyama, Hisayuki; Ohsaki, Ichiro; Takenouchi, Masanori; and Nakahara, Toshiaki, 4,497,885, Cl. 430-106.600.

Ushiyama, Hisayuki; Ochi, Hisayuki; Miyamae, Tatsuo; and Wakamiya, Katsutoshi, 4,514,485, Cl. 430-106.600.

Watanabe, Satoshi; Wakasawa, Toru; Hirano, Hirofumi; and Nishizawa, Hiroshi, 4,494,885, Cl. 400-145.200.

Watanabe, Takashi; Ozawa, Masakazu; Koizumi, Yutaka; and Matsumoto, Haruyuki, 4,539,569, Cl. 346-140.00R.

Watanabe, Yoshitaka; and Endo, Takashi, 4,544,931, Cl. 346-140.00R.

Yamada, Masanori, 4,494,847, Cl. 354-403.000.

Yamada, Masanori; and Yoshikawa, Ryoichi, 4,522,479, Cl. 354-413.000.

Yamada, Tateo; Kimura, Hiroyuki; and Taka, Hideo, 4,542,865, Cl. 242-205.000.

Yamada, Yasuaki; Ozawa, Toshiaki; and Kondo, Hiroatsu, 4,511,830, Cl. 318-318.000.

Yamada, Yasuaki, 4,540,299, Cl. 400-708.000.

Yamada, Yasuyoshi; and Hiraga, Ryozo, 4,515,481, Cl. 356-400.000.

Yamada, Yasuyuki, 4,511,232, Cl. 354-403.000.

Yamada, Yasuyuki, 4,530,583, Cl. 354-224.000.

Yamada, Yu, 4,523,838, Cl. 355-66.000.

Yamada, Yu, 4,529,276, Cl. 350-445.000.

Yamamoto, Hiroshi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,504,760, Cl. 310-323.000.

Yashiki, Yuichi, 4,518,669, Cl. 430-57.000.

Yokomizo, Yoshikazu, 4,517,605, Cl. 358-280.000.

Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.

Yokomizo, Yoshikazu, 4,531,240, Cl. 455-607.000.

Yokota, Masami; Sugitani, Hiroshi; and Inamoto, Tadayoshi, 4,521,787, Cl. 346-140.00R.

Yomoda, Minoru; and Tsukamoto, Izumi, 4,538,914, Cl. 356-400.000.

Yonemori, Takaji; and Sagara, Seiji, 4,521,100, Cl. 355-8.000.

Yoshida, Masaaki, 4,512,644, Cl. 354-149.100.

Yoshida, Tadashi, 4,554,592, Cl. 358-257.000.

Yoshikawa, Masao; Kan, Fumitaka; and Satomura, Hiroshi, 4,504,136, Cl. 355-3.0DD.

Yoshikawa, Masao, 4,548,489, Cl. 355-3.0DD.

Yoshikawa, Ryoichi; Ohmori, Kouichi; and Watanabe, Isao, 4,542,974, Cl. 354-415.000.

Yoshinaga, Kenji, 4,541,707, Cl. 355-3.0FU.

Yuguchi, Naoki; and Kawasaki, Keiichi, 4,541,625, Cl. 271-42.000.

Canova, Guy: *See—*

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Cans, Yves; Gonda, Richard; and Tavernier, Marc, to Societe de Vente de l'Aluminium Pechiney. Process for high-speed vertical continuous casting of aluminium and alloys thereof. 4,523,627, 6-18-85, Cl. 164-467.000.

Cantagrel, Michel: *See—*

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Cantamessa, Lorenzo, to DAMP S.p.A. Damping core articulated joint for mechanical articulated arm systems subject to vibrations. 4,513,954, 4-30-85, Cl. 267-141.300.

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Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.

Cantatore, Giuseppe, to Ciba-Geigy S.p.A. Piperidine derivatives which are stabilisers for synthetic polymers. 4,501,837, 2-26-85, Cl. 524-100.000.

Cantatore, Giuseppe, to Ciba-Geigy S.p.A. Piperidine derivatives which are stabilizers for synthetic polymers. 4,525,503, 6-25-85, Cl. 524-98.000.

Cantatore, Giuseppe; and Cassandrini, Paolo, to Ciba-Geigy S.p.A. Process for preparing 2,2,6,6-tetramethyl-4-piperidone. 4,536,581, 8-20-85, Cl. 546-242.000.

Cantatore, Giuseppe, to Ciba-Geigy S.p.A. Polymeric compounds, containing piperidine radicals, a process for their preparation, and their use as stabilizers for synthetic polymers. 4,546,148, 10-8-85, Cl. 525-186.000.

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Cantec, Inc.: *See—*

Frei, Siegfried; and Koch, Jakob, 4,512,490, Cl. 220-72.000.

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Cantell, Anthony S.: *See—*

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Cantenot, Laurence. Devices for extracting solid materials in bulk in the finely divided state, from the bottom of a silo. 4,516,898, 5-14-85, Cl. 414-309.000.

Canter, Joseph M.; and Shelton, William A., to Polaroid Corporation. Control circuit for electronic flash. 4,531,078, 7-23-85, Cl. 315-151.000.

Canter, Joseph M.: *See—*

Agulnek, Martin A.; Canter, Joseph M.; and Reisch, Michael L., 4,525,729, Cl. 346-154.000.

Cantey, Bryant W. Shipping pallet. 4,502,597, 3-5-85, Cl. 206-392.000.

Cantini, Maurizio, to Arnoldo Mondadori Editore S.p.A. Method and a device for attenuating pressure pulses through fluids, in particular for continuous paper web producing machines. 4,523,977, 6-18-85, Cl. 162-259.000.

Canton Bio-Medical Products, Inc.: *See—*

Goodale, Robert H.; and DuJack, James M., 4,499,148, Cl. 428-447.000.

Cantor, Alan: *See—*

Ayoub, Peter; and Cantor, Alan, 4,527,758, Cl. 244-150.000.

Cantor, Frank J.; and Horwitz, Robert P., to International Telephone and Telegraph Corporation. Clean-in-place pump. 4,538,959, 9-3-85, Cl. 415-98.000.

Cantor, Harvey I.; and Nabel, Gary, to Dana-Farber Cancer Institute, Inc. Assay methods and systems utilizing mast cell clones. 4,559,310, 12-17-85, Cl. 436-519.000.

Cantrel, James F.: *See—*

Hughes, Robert W.; and Cantrel, James F., 4,505,343, Cl. 175-409.000.

Hughes, Robert W.; and Cantrel, James F., 4,551,050, Cl. 411-436.000.

Cantrell, Ben H.; Gordon, William B.; and Trunk, Gerard V. Angle of arrival measurements for two unresolved sources. 4,532,515, 7-30-85, Cl. 343-16.00R.

Cantrell, Ben H., to United States of America, Navy. Environmental mapping system. 4,555,703, 11-26-85, Cl. 343-5.0SA.

Cantrell, Daniel V.; Bryant, Herman G., Jr.; Jones, Robert L.; Maccaferri, Marco A.; and McDaniel, William M., to Brown & Williamson Tobacco Corporation. Cigarette mouthpiece. 4,503,869, 3-12-85, Cl. 131-336.000.

Cantrell, Daniel V.; and Sanford, Robert A., to Brown & Williamson Tobacco Corporation. Ventilated mouthpiece for a smoking article. 4,506,683, 3-26-85, Cl. 131-336.000.

Cantrell, Daniel V.; and Sanford, Robert A., to Brown & Williamson Tobacco Corporation. Ventilated mouthpiece for a smoking article. 4,515,170, 5-7-85, Cl. 131-336.000.

Cantrell, Daniel V.; and Halverstadt, Dale A., to Brown & Williamson Tobacco Corporation. Cigarette having a mouthpiece. 4,540,005, 9-10-85, Cl. 131-336.000.

Cantrell, Daniel V.; and Johnson, Robert R., to Brown & Williamson Tobacco Corporation. Filtered cigarette. 4,542,754, 9-24-85, Cl. 131-336.000.

Cantrell, David D. Fry basket and separator insert system. 4,542,684, 9-24-85, Cl. 99-403.000.

Cantrell, John L., to Ribi ImmunoChem Research, Inc. Pyridine soluble extract of a microorganism. 4,503,048, 3-5-85, Cl. 424-195.000.

Cantrell, John L., to Ribi ImmunoChem Research, Inc. Pyridine soluble extract of a microorganism. 4,504,473, 3-12-85, Cl. 424-195.100.

Cantrell, John L., to Ribi ImmunoChem Research, Inc. Pyridine soluble extract of a microorganism. 4,505,903, 3-19-85, Cl. 424-195.100.

Cantrell, John L.: *See—*

Ribi, Edgar E.; and Cantrell, John L., 4,505,899, Cl. 514-8.000.

Ribi, Edgar E.; Schwartzman, Steven M.; and Cantrell, John L., 4,505,900, Cl. 514-2.000.

Ribi, Edgar E.; Cantrell, John L.; and Schwartzman, Steven M., 4,520,019, Cl. 424-195.100.

Cantu, Lisa A.; Yost, Marvin E.; Coffee, Robert L.; and Stolhand, James E., to Conoco Inc. Process and apparatus for removing dissolved oxygen. 4,527,626, 7-9-85, Cl. 166-275.000.

Cantu, Paul. Wheeled toy with wheel-driven decorative means. 4,560,361, 12-24-85, Cl. 446-231.000.

Cantu, Terry S.; and Williams, Mark C., to Conoco Inc. Alcohol/heavy liquid drying of coal. 4,498,246, 2-12-85, Cl. 34-9.000.

Cantu, Terry S.: *See—*

Pace, Gerald F.; and Cantu, Terry S., 4,518,393, Cl. 44-6.000.

Cantwell, Gill. Apparatus for reading/writing data on magnetic disc. 4,514,772, 4-30-85, Cl. 360-75.000.

Cantwell, Gill. Magnetic transducer positioning apparatus. 4,524,400, 6-18-85, Cl. 360-106.000.

Cantwell, Gill. Transducer support apparatus. 4,562,501, 12-31-85, Cl. 360-109.000.

Cantwell, Hugh F., to Rolls-Royce Limited. Fuel control system for a gas turbine engine. 4,528,812, 7-16-85, Cl. 60-39.281.

Cantwell, Thomas; Simon, William; and Young, Bobby, to Loomis International Inc. Leak detection method and apparatus. 4,557,139, 12-10-85, Cl. 73-40.700.

Canusa Coating Systems Limited: *See—*

Hansen, Ralph H., 4,514,533, Cl. 524-89.000.

Hansen, Ralph H., 4,520,146, Cl. 524-94.000.

Canyon Corporation: *See—*

Tada, Tetsuya, 4,492,320, Cl. 222-398.000.

Tada, Tetsuya, 4,524,888, Cl. 222-153.000.

Tada, Tetsuya; Kawamoto, Kazuyuki; and Yamada, Akihiko, 4,558,821, Cl. 239-333.000.

Canzano, Domenic A. Coaxial cable tester device. 4,553,085, 11-12-85, Cl. 324-51.000.

Canzek, Ludvik. High speed catadioptric objective lens system. 4,547,045, 10-15-85, Cl. 350-444.000.

Cao, Carlos M. M.; and Gonzalez, Manuel T., to Empresa Cubana Importadora Y Exportadora de Productos Medicos. Composition and method for stimulating the synthesis of the melanotic pigment of the skin. 4,507,277, 3-26-85, Cl. 424-59.000.

Caolo, Mary A.: *See—*

Bartlett, Keith G.; and Caolo, Mary A., 4,508,591, Cl. 156-659.100.

Capaccio, Giancarlo; and Ward, Ian M., to National Research Development Corporation. High modulus, low creep strain polyalkene polymer materials. 4,525,564, 6-25-85, Cl. 526-348.100.

Capaldi, Nicholas R.; and Griffin, Brian W., to Smiths Industries Public Limited Company. Accelerometer. 4,555,946, 12-3-85, Cl. 73-517.00B.

Capalvo, Enzo: *See—*

Soloway, Richard; and Capalvo, Enzo, 4,493,161, Cl. 43-107.000.

Caparros, Pierre: *See—*

Mutschler, Ulrich; Caparros, Pierre; Mouterde, Pierre; and Frappe, Pierre, 4,526,210, Cl. 139-59.000.

Capdebosco, Bernard; and Mion, Jean-Luc, to S.A. Martin. Suction-box feed device. 4,506,875, 3-26-85, Cl. 271-99.000.

Capdeboscq, Andre; and Ferry, Jean-Claude, to Societe Nationale Elf Aquitaine (Production). Electrical connection device for an underwater well head. 4,494,602, 1-22-85, Cl. 166-65.00R.

Cape Cod Research, Inc.: *See—*

Walsh, Myles A., 4,522,897, Cl. 429-119.000.

Walsh, Myles A., 4,534,317, Cl. 119-51.00R.

Cape Gate Fence & Wire Works (Proprietary) Limited: *See—*

Bailey, Alan, 4,553,740, Cl. 256-33.000.

Capehart, Tenneille W.: *See—*

Sell, Jeffrey A.; Capehart, Tenneille W.; and Richter, Roy, 4,560,042, Cl. 188-322.210.

Capek, Raymond G., to Zenith Electronics Corporation. Temperature compensated coaxial cable isolator. 4,559,506, 12-17-85, Cl. 333-181.000.

Capella, Joseph A., to Recovery Technology, Inc. Product separation and recovery system. 4,543,165, 9-24-85, Cl. 203-89.000.

Capewell, Dennis; Luchaco, David G.; and Spira, Joel S., to Lutron Electronics Co., Inc. Control circuit for gas discharge lamps. 4,527,099, 7-2-85, Cl. 315-291.000.

Capewell, Dennis: *See—*

Longenderfer, John E.; Luchaco, David G.; and Capewell, Dennis, 4,558,262, Cl. 315-307.000.

Capintec Inc.: *See—*

Suzuki, Arata; and Allardice, William D., Jr., 4,506,155, Cl. 250-252.100.

Suzuki, Arata, 4,555,626, Cl. 250-239.000.

Capital City Products Company: *See—*

Ertle, Raymond T., 4,547,352, Cl. 423-279.000.

Capital Controls: *See—*

Zuckerman, Matthew, 4,502,321, Cl. 73-23.000.

Capital Controls Company, Inc.: *See—*

Kriebel, John E.; and Jones, Walton B., 4,548,359, Cl. 239-434.000.

Capital Machine Company, Inc.: *See—*

Brand, Robert D.; and Runyan, Ralph D., 4,503,740, Cl. 83-521.000.

Brand, Robert D., 4,503,896, Cl. 144-369.000.

Caplan, Jerome S.; Delmege, James W.; Laman, Robert R.; and Navarro, Christine, to Redcom Laboratories Inc. Communications switching system with modular switching communications peripheral and host computer. 4,527,012, 7-2-85, Cl. 179-18.0ES.

Caplin, Peter B., to Energy Equipment Company Ltd., The. Fluidized bed combustion units. 4,505,230, 3-19-85, Cl. 122-4.00D.

Capmakers, Ltd.: *See—*

Johnson, Kenneth L., 4,549,316, Cl. 2-195.000.

Capo, James L., to International Paper Company. Dual purpose carton. 4,535,928, 8-20-85, Cl. 229-16.00R.

Capo, James L.; and Cunningham, William D., to International Paper Company; and Hardee's Food Systems, Inc. Pop-out carton. 4,548,352, 10-22-85, Cl. 229-17.00G.

Capocci, Gerald A.: *See—*

Reid, William J.; Zappia, Jean M.; Capocci, Gerald A.; and Spivack, John D., 4,555,541, Cl. 524-180.000.

Caporaso, George J.: *See—*

Prono, Daniel S.; Caporaso, George J.; and Briggs, Richard J., 4,507,614, Cl. 328-233.000.

Caporiccio, Gerardo; Viola, Gian T.; and Corti, Costante, to Montedison S.p.A. Process for the insertion of perfluoroolefines on perfluoropolyethers and corresponding products. 4,500,739, 2-19-85, Cl. 568-677.000.

Caporusso, Alessandro; and Caporusso, Mario, to C.M.L. Costruzioni Meccaniche Liri S.r.l. Portable electromechanically-controlled pipe-bending apparatus. 4,532,787, 8-6-85, Cl. 72-158.000.

Caporusso, Mario: *See—*

Caporusso, Alessandro; and Caporusso, Mario, 4,532,787, Cl. 72-158.000.

Capp, John: *See—*

Cath, Pieter G.; Capp, John; and Loeffler, William P., 4,495,558, Cl. 364-563.000.

Cappel, Bert; Kerber, Helmut; Schuhmann, Siegfried; and Steiner, Gerd, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Ink fountain having temperature responsive element. 4,502,386, 3-5-85, Cl. 101-350.000.

Cappelletti, Leonardo M.; Spagnoli, Roberto; and Toscano, Luciano, to Pierrel S.p.A. *Streptomyces antibioticus* ATCC 31771 and process for obtaining same. 4,560,662, 12-24-85, Cl. 435-253.000.

Cappelletti, Leonardo M.: *See—*

Lowe, David A.; Romancik, Guna; Cappelletti, Leonardo M.; and Elander, Richard P., 4,520,101, Cl. 435-49.000.

Toscano, Luciano; and Cappelletti, Leonardo M., 4,540,662, Cl. 435-74.000.

Cappels, Richard D., to Panavision, Incorporated. Zoom indicating apparatus for video camera or the like. 4,527,201, 7-2-85, Cl. 358-224.000.

Capper, Peter; and Gosney, John J., to U.S. Philips Corporation. Method of growing crystalline cadmium mercury telluride and crystalline cadmium mercury telluride grown by the method. 4,551,196, 11-5-85, Cl. 156-616.00R.

Cappiello, Frank J. Pierced earring locking and holding system. 4,543,804, 10-1-85, Cl. 63-12.000.

Cappon, Douglas W.: *See—*

Fagen, Ben W., Jr.; and Cappon, Douglas W., 4,524,088, Cl. 427-10.000.

Cappon, John. Time domain reflectometer apparatus for identifying the location of cable defects. 4,538,103, 8-27-85, Cl. 324-52.000.

Cappos, David J.; and Klunk, Thomas M., to AMP Incorporated. Floating locator head for application tooling. 4,553,322, 11-19-85, Cl. 29-739.000.

Capps, David B., to Warner-Lambert Company. Pyrazolo[3,4,5-kl]acridine compositions and methods for their production and use. 4,555,572, 11-26-85, Cl. 546-14.000.

Capps, Ernest R., to Royster Company, The. Apparatus for handling blended dry particulate materials. 4,561,818, 12-31-85, Cl. 414-301.000.

Caprino, Joseph C.: *See—*

Leon, Joseph A., Jr.; and Caprino, Joseph C., 4,514,466, Cl. 428-383.000.

Caprio, A. Ronald; Cyr, John P.; Geaghan, Bernard O.; Kotschenreuther, Paul C.; Schanin, David J.; and Salett, Ronald M. Interchangeable interface circuitry arrangements for use with a data processing system. 4,556,953, 12-3-85, Cl. 364-900.000.

Caprioli, Vincenzo; Longoni, Angelo; and Massardo, Pietro, to Montedison S.p.A. Acaricide compositions. 4,503,042, 3-5-85, Cl. 424-141.000.

Caprioli, Vincenzo: *See—*

Regiroli, Giovanni; Caprioli, Vincenzo; and Longoni, Angelo, 4,522,825, Cl. 514-517.000.

Capriotti, Bruce W.: *See—*

Worns, John R.; Chase, James W.; and Capriotti, Bruce W., 4,547,453, Cl. 430-271.000.

Capriotti, Dante R., to Du Pont de Nemours, E. I., and Company. Peroxide-curable bromine-containing fluoroelastomers containing a sulfone. 4,550,132, 10-29-85, Cl. 524-84.000.

Capriotti, Luigi: *See—*

Massarelli, Liberto; and Capriotti, Luigi, 4,535,438, Cl. 369-264.000.

Capsulated Systems, Inc.: *See—*

Hart, Ronald L.; Work, Dale E.; and Davis, Colin E., 4,536,524, Cl. 523-176.000.

Captive Plastics Inc.: *See—*

Dreps, James R.; and Drozd, Edward J., 4,516,697, Cl. 222-212.000.

Drozd, Edward J., Jr., 4,547,332, Cl. 264-339.000.

Capuano, Italo A.; and DeFelice, Diane L., to Olin Corporation. Electrochemical chlorine dioxide process. 4,542,008, 9-17-85, Cl. 423-477.000.

Capuano, Terry D., to Russell, Burdsall & Ward Corporation. Fastener. 4,543,023, 9-24-85, Cl. 411-180.000.

Capuano, Terry D.: *See—*

Pamer, Walter R.; Zils, James A.; and Capuano, Terry D., 4,498,825, Cl. 411-11.000.

Capurka, Zbynek A., to Motorola, Inc. Reference pulse verification circuit adaptable for engine control. 4,553,426, 11-19-85, Cl. 73-116.000.

Caputi, Jean-Louis M.: *See—*

Quin, Rene A.; Wiet, Paul A.; and Caputi, Jean-Louis M., 4,505,295, Cl. 137-315.000.

Caputo, Jeffrey C.: *See—*

Caputo, Mario A.; and Caputo, Jeffrey C., 4,553,414, Cl. 70-58.000.

Caputo, Mario A.; and Caputo, Jeffrey C. Theft prevention device for automobile audio equipment. 4,553,414, 11-19-85, Cl. 70-58.000.

Caputo, William R., to Westinghouse Electric Corp. Angular accelerometer. 4,507,607, 3-26-85, Cl. 324-164.000.

Caputo, William R., to Westinghouse Electric Corp. Elevator system. 4,515,247, 5-7-85, Cl. 187-29.00R.

Car Fresh Manufacturing Company, Inc.: *See—*

Ingram, James L., 4,527,713, Cl. 222-2.000.

Car-Go, Corp.: *See—*

Woods, Richard E.; and Bradburn, Marvin D., 4,503,763, Cl. 100-35.000.

Woods, Richard E.; and Bradburn, Marvin D., 4,510,858, Cl. 100-35.000.

Car-ventomatic S.p.A.: *See—*

Moltrasio, Mario; and Perrucchini, Vincenzo, 4,516,762, Cl. 271-11.000.

Carabateas, Eustratios N. Ballistic propulsion system. 4,493,263, 1-15-85, Cl. 102-483.000.

Carabo A.G.: *See—*

Holzbaur, Siegfried, 4,522,143, Cl. 114-344.000.

Caracteres S.A.: *See—*

Bauer, Eric; and Moulin, Blaise, 4,542,999, Cl. 400-175.000.

Moulin, Blaise, 4,521,124, Cl. 400-144.200.

Carafeno, Joseph A. Toy baseball bat device. 4,521,015, 6-4-85, Cl. 273-26.00B.

- Caralli, Michael J.; and Friedline, Gary W., to Pittsburgh Brass Manufacturing Company. Shuttle valves and system for fluid control. 4,512,781, 4-23-85, Cl. 55-26.000.
- Caramaschi, Vittorio; and Castelli, Pier L., to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Helicopter Rotor. 4,516,909, 5-14-85, Cl. 416-134.00A.
- Caramaschi, Vittorio; and Castelli, Pier L., to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Helicopter rotor hub. 4,521,157, 6-4-85, Cl. 416-134.00A.
- Caramaschi, Vittorio; and Castelli, Pier Luigi, to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Helicopter rotor. 4,551,067, 11-5-85, Cl. 416-140.000.
- Caramel, Rudolf: *See—*
  - Schlick, Horst; Hofert, Paul; and Caramel, Rudolf, 4,508,458, Cl. 368-76.000.
- Caravaggi, Anna M.: *See—*
  - Salvati, Patricia; Caravaggi, Anna M.; Temperilli, Aldemio; Bosisio, Germano; Sapini, Osvaldo; and di Salle, Enrico, 4,526,892, Cl. 514-288.000.
- Caravelle Industries, Inc.: *See—*
  - Roncaglione, James W.; and Roncaglione, Daniel E., 4,495,667, Cl. 15-53.00A.
- Caray, Andre, to Valeo. Progressive engagement friction disc. 4,516,672, 5-14-85, Cl. 192-107.00C.
- Caray, Andre, to Valeo. Torsion damping assemblies for clutch discs. 4,545,468, 10-8-85, Cl. 192-106.200.
- Caray, Andre, to Valeo. Clutch release bearing. 4,545,472, 10-8-85, Cl. 192-98.000.
- Caray, Andre: *See—*
  - Loizeau, Pierre; and Caray, Andre, 4,537,580, Cl. 464-68.000.
- Carbaugh, William L.: *See—*
  - Roche, Joseph R.; Alexander, Gabriel G.; and Carbaugh, William L., 4,524,832, Cl. 166-347.000.
- Carbeau, Richard W.; Martin, James F.; Lanier, John H.; and Holt, William L., to ENSCO, Inc. Waste disposal. 4,520,741, 6-4-85, Cl. 110-344.000.
- Carberry, Victor V. Tilt trailer. 4,494,797, 1-22-85, Cl. 298-5.000.
- Carberry, Victor V. Low pressure relief valve assembly for high pressure boiler. 4,495,899, 1-29-85, Cl. 122-504.000.
- Carbillet, Luc L.: *See—*
  - Kramer, Franklin; Bruins, Henderikus B.; Giacone, Joseph; and Carbillet, Luc L., 4,555,407, Cl. 426-5.000.
- Carbo, Adelaida; and Good, Raymond H., to American Can Company. Internal lubricant which enables epoxy phenolic exterior coated TFS plate to be triple drawn and ironed. 4,556,498, 12-3-85, Cl. 252-51.50R.
- Carbo, Adelaida L.; Good, Raymond H.; and Karas, Richard J., to American Can Company. Coated metal container and method of making the same. 4,507,339, 3-26-85, Cl. 428-35.000.
- Carbocol Inc.: *See—*
  - Stofko, John, 4,504,205, Cl. 425-181.000.
- Carboindustrial S.A.: *See—*
  - Bruff, William; de Santana, Geraldo S.; and de Oliveira, David G., 4,527,329, Cl. 29-825.000.
- Carbomedics, Inc.: *See—*
  - Brooks, Lionel H., 4,546,012, Cl. 427-213.000.
- Carbon, Fred S., to F. S. Carbon Company. Confectionery grill having adjustable heating elements. 4,531,048, 7-23-85, Cl. 219-525.000.
- Carbon, Jean M.: *See—*
  - Amphoux, Andre; and Carbon, Jean M., 4,540,202, Cl. 285-184.000.
- Carbonaro, Antonio; and Ferraro, Domenico, to Enoxy Chimica S.p.A. Process for preparing conjugate diolefins, and means suitable for this purpose. 4,525,549, 6-25-85, Cl. 526-92.000.
- Carbone, Anthony K. Method and apparatus for scanning and digitizing optical images. 4,525,748, 6-25-85, Cl. 358-286.000.
- Carbone, Douglas C.; and Dennis, Philip J., to GTE Products Corporation. Miniaturized circuit breaker. 4,521,760, 6-4-85, Cl. 337-368.000.
- Carbonel, Claude. Stabilizing apparatus for a craft. 4,538,538, 9-3-85, Cl. 114-125.000.
- Carbonneau Industries, Inc.: *See—*
  - Carbonneau, James T.; and Stahel, Paul, 4,546,277, Cl. 310-13.000.
- Carbonneau, James T.; and Stahel, Paul, to Carbonneau Industries, Inc. Linear motor. 4,546,277, 10-8-85, Cl. 310-13.000.
- Carborundum Abrasives Company: *See—*
  - Caul, Lawrence D., 4,547,204, Cl. 51-298.000.
  - Parekh, Dhan N., 4,543,106, Cl. 51-295.000.
  - Radmore, Robert R.; and Hall, John T., 4,537,368, Cl. 242-58.600.
- Carcia, Peter F., to Du Pont de Nemours, E. I., and Company. Catalyst composition. 4,536,482, 8-20-85, Cl. 502-5.000.
- Card, David C.: *See—*
  - Boudreaux, Harry J.; Card, David C.; and Hanson, Bernard M., 4,509,600, Cl. 166-381.000.
  - McCollin, Chris D.; Allred, Richard E.; Bearl, Leslie K.; and Card, David C., 4,506,730, Cl. 166-85.000.
- Card, Joseph L.: *See—*
  - Card, Roy T.; and Card, Joseph L., 4,559,885, Cl. 112-266.200.
- Card-O-Matic Pty. Limited: *See—*
  - Stanley, Louis, 4,507,947, Cl. 72-130.000.
- Card, Roy T.; and Card, Joseph L. Apparatus and process for producing a chain stitched tufted product. 4,559,885, 12-24-85, Cl. 112-266.200.
- Cardaio, Rino: *See—*
  - Mauri, Luigi; and Cardaio, Rino, 4,536,453, Cl. 428-484.000.
- Cardarelli, Bernadette: *See—*
  - Cardarelli, Nathan; and Cardarelli, Bernadette, 4,511,551, Cl. 424-1.100.
- Cardarelli, Nathan; and Cardarelli, Bernadette, to Unique Technologies, Inc. Method and composition for the detection of a precancerous or leukemic condition in mammals. 4,511,551, 4-16-85, Cl. 424-1.100.
- Cardarelli, Nathan F.; and Kanakkanatt, Sebastian V., to Unique Technologies, Inc. Tin steroids and their use as antineoplastic agents. 4,541,956, 9-17-85, Cl. 260-397.100.
- Cardell, Max L., to Celanese Corporation. Apparatus for cutting, aspirating and rethreading a traveling filamentary yarn. 4,496,109, 1-29-85, Cl. 242-18.00R.
- Carden, Danny P.: *See—*
  - Starnes, Ralph E., Jr.; and Carden, Danny P., 4,519,131, Cl. 29-825.000.
- Carden, John C.; Dimitracopoulos, Panayotis C.; and Arnold, George D. M., to Quadrant Drive B.V. Motion transmitting devices. 4,526,064, 7-2-85, Cl. 74-804.000.
- Carden, Lloyd E., to Aluminum Metals, Inc. Awning stringer. 4,516,362, 5-14-85, Cl. 52-75.000.
- Cardenas, Carlos G.: *See—*
  - Cherney, Leon; Gorman, Charles R.; Traynor, Sean G.; and Cardenas, Carlos G., 4,533,751, Cl. 564-408.000.
- Cardenas-Franco, Luis; and Veazey-Menendez, Enrique, to Vitro Tec Fideicomiso. Solenoid actuated valve blocks for glassware forming machines. 4,532,956, 8-6-85, Cl. 137-340.000.
- Cardenas, Raul: *See—*
  - Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr.; and Borg, Sidney, 4,500,428, Cl. 210-609.000.
- Cardero, Silvio A., to International Business Machines Corporation. Method for detecting a fault in a data recording system read channel. 4,506,305, 3-19-85, Cl. 360-46.000.
- Cardiac Pacemakers, Inc.: *See—*
  - Dahl, Roger W.; and Mayer, David W., 4,559,951, Cl. 128-642.000.
  - Leslie, James E.; and Anderson, Everett D., 4,529,401, Cl. 604-131.000.
  - Mills, Perry A., 4,532,931, Cl. 128-419.0PG.
- Cardiac Recorders Limited: *See—*
  - Spencer, Joseph, 4,510,935, Cl. 128-419.00D.
- Cardiff, Raymond S. Air directing apparatus. 4,534,279, 8-13-85, Cl. 98-40.180.
- Cardiff, Raymond S., to Cardiff's Pty Ltd. Air circulation system. 4,561,265, 12-31-85, Cl. 62-419.000.
- Cardiff's Pty Ltd.: *See—*
  - Cardiff, Raymond S., 4,561,265, Cl. 62-419.000.
- Cardin, Wilfred W.: *See—*
  - Pejouhy, Radi; and Cardin, Wilfred W., 4,555,686, Cl. 337-102.000.
- Cardinale, Louis J.: *See—*
  - Dean, Laurence C., Jr.; and Cardinale, Louis J., 4,505,654, Cl. 418-80.000.
- Carding Specialists (Canada) Ltd.: *See—*
  - Varga, John M., 4,501,048, Cl. 19-106.00R.
- Cardiofrance Compagnie Francaise d'Electrocardiologie: *See—*
  - Buffet, Jacques, 4,522,208, Cl. 128-419.0PT.
- CardioSearch, Inc.: *See—*
  - Boxer, Michael A.; and Posdal, Ben A., 4,526,298, Cl. 222-130.000.
- Cardiovascular Devices, Inc.: *See—*
  - Heitzmann, Harold A., 4,557,900, Cl. 422-55.000.
- Cardis, James C.; and Inciong, Josefino T., to Felt Products Mfg. Co. Gasket assembly for oil pans and the like and method of making same. 4,535,996, 8-20-85, Cl. 277-1.000.
- Cardona, Ramon M.; Leno, Theodore M.; and O'Leary, Melody M., to AT&T Teletype Corporation. Paper handling apparatus with continuous drive roll and pressure finger. 4,525,087, 6-25-85, Cl. 400-613.200.
- Cardone, Michele; Grandini, Angelo; and Zaramella, Bruno, to Tecnomagnetica di Cardone, Grandini, Zaramella & C. S.a.s. Magnetic anchoring apparatus with quadrangular pole arrangement. 4,507,635, 3-26-85, Cl. 335-291.000.
- Carduck, Franz-Josef: *See—*
  - Gobel, Gerd; Behr, Norbert; van der Mei, Henk; Carduck, Franz-Josef; and von Ettingshausen, Othmar, 4,491,600, Cl. 426-384.000.
- Careddu, Franco, to Sugherificio P. Careddu S.p.A. Method of manufacturing corks for bottles. 4,521,266, 6-4-85, Cl. 156-242.000.
- Carella, Richard F. Method for making arrow fletching. 4,510,109, 4-9-85, Cl. 264-151.000.
- Carels, Walter E.: *See—*
  - Verhoeven, Leonardus A. J.; Scheltema, Otto E.; and Carels, Walter E., 4,507,681, Cl. 358-111.000.
- Carena, Ugo; and Rivera, Paolo, to Ing. C. Olivetti & C., S.p.A. Optical transducer with a transparent shutter disk. 4,536,650, 8-20-85, Cl. 250-231.0SE.
- Carenzi, Angelo; Chiarino, Dario; Della Bella, Davide; Frigeni, Viviana; and Veneziani, Carlo, to Zambon S.p.A. Analgesic, antipyretic or anti-inflammatory imidazole compounds. 4,560,696, 12-24-85, Cl. 514-397.000.
- Caret, Jacky: *See—*
  - David, Gerard R.; Vallee, Jean-Claude; and Caret, Jacky, 4,503,449, Cl. 357-23.400.
- Caretaker Systems, Inc.: *See—*
  - Mathews, Lester R., 4,559,653, Cl. 4-541.000.
- Caretta, Renato; and Colombani, Bruno, to Societa Pneumatici Pirelli S.p.A. Process for manufacturing pneumatic tires. 4,529,461, 7-16-85, Cl. 156-124.000.
- Carette, Brigitte; Kone, Ali; Souquet, Jean-Louis; Ribes, Michel; and Maurin, Maurice, to Centre National de la Recherche Scientifique.

Vitreous materials with ionic conductivity, the preparation of same and the electrochemical applications thereof. 4,513,070, 4-23-85, Cl. 429-193.000.

Carey, A. Andrew; and Shor, Joel T., to United States of America, Energy. Method for controlling the viscosity of siloxane oils. 4,540,503, 9-10-85, Cl. 252-78.300.

Carey, Bruce P.; and O'Toole, Richard M., to Integrated Ceilings Inc. Modular monolithic ceiling grid system. 4,545,165, 10-8-85, Cl. 52-488.000.

Carey, Clarence W. Collar fastener. 4,553,291, 11-19-85, Cl. 24-55.000.

Carey, Desmond F., to Allied Corporation. Quartz rate sensor. 4,516,427, 5-14-85, Cl. 73-505.000.

Carey, Glen A.: *See—*
  Bradshaw, Randolph F.; and Carey, Glen A., 4,539,854, Cl. 73-864.180.

Carey, Henry S., Jr., to Kerr-McGee Corporation. Non-plugging injection valve. 4,522,222, 6-11-85, Cl. 137-240.000.

Carey, Jim A.: *See—*
  Conrad, Marvin; Guttag, Karl M.; Schabowski, John V.; Roskell, Derek; Carey, Jim A.; and Shore, Brian, 4,544,851, Cl. 307-480.000.

Carey, John C. Control apparatus. 4,538,134, 8-27-85, Cl. 337-113.000.

Carey, Kevin J.; and Hanlon, Brian, to Verbatim Corporation. Method of monitoring head alignment in a magnetic data storage device. 4,491,884, 1-1-85, Cl. 360-75.000.

Carey, Linda: *See—*
  Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; and Carey, Linda. 4,507,296, Cl. 514-212.000.
  Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; Carey, Linda; and Blatcher, Philip, 4,518,598, Cl. 514-212.000.

Carey, Martin C.; Moses, Alan C.; and Flier, Jeffrey S., to Beth Israel Hospital Association, The; and Brigham & Women's Hospital, Inc., The. Drug administration. 4,548,922, 10-22-85, Cl. 514-4.000.

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Carey, Thomas F. Pizza cooking utensil. 4,498,376, 2-12-85, Cl. 99-345.000.

Carfer S.r.l.: *See—*
  Carraroli, Dario; and Giavelli, Giordano, 4,500,287, Cl. 432-246.000.

Carganico, Germano: *See—*
  Cozzi, Paolo; Carganico, Germano; Pillan, Antonio; and Branzoli, Umberto, 4,510,149, Cl. 514-341.000.

Carganico, Serge: *See—*
  Tisserand, Jacques; and Carganico, Serge, 4,529,302, Cl. 355-79.000.

Cargill Detroit Corp.: *See—*
  Colonius, Ray E.; and Early, Edward, 4,519,125, Cl. 29-558.000.

Cargill, Incorporated: *See—*
  Evenwoll, David L., 4,503,424, Cl. 340-617.000.
  Haas, Louis M.; Williams, Joy L.; and Smith, Boyd E., 4,527,716, Cl. 222-83.500.
  Ireland, Donald T., 4,548,614, Cl. 23-300.000.
  Weis, Bruce T.; Helmy, Nash N.; Tweet, David E.; and Moechnig, Bruce W., 4,552,573, Cl. 55-312.000.

Cargnel, Louis A., to Westinghouse Electric Corp. Oil and high temperature resistant insulating varnish made from modified methoxy functional diphenyl oxide. 4,533,718, 8-6-85, Cl. 528-86.000.

Cargnino, Francesco; Natoli, Giuseppe; and Lorke, Horst, to Hoechst Aktiengesellschaft. Corrosion inhibitors for aqueous liquids for the working of metals, and a process for their preparation. 4,533,479, 8-6-85, Cl. 252-34.000.

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Cari-All Inc.: *See—*
  Trubiano, Antoine, 4,561,676, Cl. 280-801.000.

Caridis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., to Heat and Control, Inc. Taco shell forming and cooking method. 4,510,165, 4-9-85, Cl. 426-439.000.

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Carignan, Forest J.; and Cook, Nathan H., to Advanced Mechanical Technology, Inc. Force measuring platform and load cell therefor using strain gages to measure shear forces. 4,493,220, 1-15-85, Cl. 73-862.660.

Carignani, Giancarlo: *See—*
  Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,78[illegible], Cl. 252-628.000.

Carinalli, Charles P.: *See—*
  Garverick, Timothy L.; and Carinalli, Charles P., 4,529,895, Cl. 307-473.000.

Cariou, Jean-Paul: *See—*
  Rojey, Alexandre; Bonifay, Regis; and Cariou, Jean-Paul, 4,532,773, Cl. 62-101.000.

Caris, Marcel. Device for the electric connection of a cylindrical conductor. 4,518,214, 5-21-85, Cl. 339-74.00R.

Carithers, Charles H., Jr. Automatic mat cutting apparatus. 4,505,174, 3-19-85, Cl. 83-455.000.

Carithers, Val G.: *See—*
  Watson, David R.; Carithers, Val G.; and McDaniel, L. Thomas, 4,555,493, Cl. 501-127.000.

Carl, Charles L.; Gale, Ronald S.; and Forstrom, William J., to Willamette Industries, Inc. Method for applying coupon packets to paper bags. 4,545,781, 10-8-85, Cl. 493-220.000.

Carl Freudenberg, Firma: *See—*
  Ble[illegible]ing, Dieter; Habel, Erich; and Walther, Hans J., 4,553,761, Cl. 277-152.000.
  Forch, Hans, 4,546,985, Cl. 277-134.000.
  Hartmann, Ludwig; Ruzek, Ivo; and Locher, Engelbert, 4,496,508, Cl. 264-167.000.
  Hoelzer, Helmut, 4,553,762, Cl. 277-152.000.
  Holzer, Helmut, 4,504,068, Cl. 277-164.000.
  Holzer, Helmut, 4,522,328, Cl. 277-47.000.
  Holzer, Helmut, 4,522,410, Cl. 277-56.000.
  Ohta, Nobuo, 4,511,615, Cl. 428-198.000.
  Passler, Michel; and Reisch, Bruno, 4,559,243, Cl. 427-209.000.
  Sakai, Katsuhide; and Matsui, Noboru, 4,548,860, Cl. 428-290.000.
  Schafer, Georg, 4,558,773, Cl. 192-106.100.
  Schmidt, Klaus, 4,525,411, Cl. 428-198.000.
  Tamura, Tadashi; Nakao, Etsuro; and Yamazaki, Hiroaki, 4,551,402, Cl. 429-254.000.

Carl, Heinz. Displacement body. 4,495,744, 1-29-85, Cl. 52-576.000.

Carl Hurth Maschinen- und Zahnradfabrik GmbH & Co.: *See—*
  Buschhoff, Karl; and Fischer, Heinrich, 4,545,708, Cl. 409-49.000.
  Eichinger, Johann, 4,515,573, Cl. 464-69.000.
  Fischer, Heinrich, 4,502,822, Cl. 409-32.000.
  Gregg, Hans, 4,519,733, Cl. 409-7.000.
  Gregg, Hans, 4,533,034, Cl. 198-472.000.

Carl, Klaus: *See—*
  Welker, Thomas; Carl, Klaus; and Czarnojan, Wolfram, 4,559,469, Cl. 313-468.000.

Carl Kurt Walther GmbH & Co. KG: *See—*
  Temme, Karl; Beckschafer, Klaus; and Pruller, Helmut, 4,498,986, Cl. 210-199.000.
  Tolle, Hans; Frech, Karl; and Ludke, Hartmut, 4,560,586, Cl. 427-134.000.

Carl, Louis C.; and Nevadunsky, Charles J., to ITT Corporation. Spring-loaded check valve. 4,552,174, 11-12-85, Cl. 137-527.200.

Carl Manufacturing Co., Ltd.: *See—*
  Mori, Chuzo, 4,499,805, Cl. 83-468.000.
  Mori, Chuzo; Watanabe, Jun; and Kudo, Katsutaka, 4,509,397, Cl. 83-453.000.

Carl, Norman J., to Sanders Associates, Inc. Liquid toner applicator. 4,545,326, 10-8-85, Cl. 118-660.000.

Carl, Robert H., Jr.; Koontz, Floyd; and Pedtke, Daniel F., to Harris Corporation. High speed PIN diode switched antenna coupler and method. 4,502,025, 2-26-85, Cl. 333-24.00R.

Carl Schenck AG: *See—*
  Arnold, Dieter, 4,524,810, Cl. 141-250.000.
  Arnold, Dieter, 4,557,882, Cl. 264-40.400.
  Arnold, Dieter K., 4,504,207, Cl. 425-385.000.
  Burkner, Wolfgang, 4,504,182, Cl. 414-327.000.
  Giers, Alfred; and Heiland, Manfred, 4,512,671, Cl. 384-215.000.
  Muller, Michael; Giers, Alfred; and Heiland, Manfred, 4,495,811, Cl. 73-462.000.
  Scharmer, Wolfgang; Saettler, Heinz; and Schlag, Eugen, 4,527,747, Cl. 241-26.000.
  Schonfeld, Harald; and Bauer, Angelo, 4,543,825, Cl. 73-459.000.

Carl Schmale GmbH & Co. KG: *See—*
  Freermann, Johannes, 4,509,440, Cl. 112-153.000.
  Freermann, Johannes, 4,548,141, Cl. 112-113.000.

Carl Still GmbH & Co. KG, Firma: *See—*
  Breidenbach, Dieter; Mosebach, Wilhelm; and Dellmann, Winfried, 4,495,031, Cl. 201-28.000.
  Bruns, Engelbert; and Osterholt, Gerd, 4,555,308, Cl. 202-263.000.
  Bruns, Engelbert; and Lucas, August, 4,556,459, Cl. 202-263.000.
  Laufhutte, Dieter, 4,514,375, Cl. 423-573.00G.
  Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, 4,521,279, Cl. 202-227.000.
  Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, 4,559,107, Cl. 201-39.000.
  Urbye, Klaus; and Abendroth, Werner, 4,552,623, Cl. 202-248.000.
  Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,508,596, Cl. 202-227.000.
  Weber, Heinrich; Lorenz, Kurt; and Dungs, Horst, 4,544,451, Cl. 202-114.000.
  Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,556,455, Cl. 201-39.000.

Carl Walther GmbH: *See—*
  Repa, Otto, 4,554,745, Cl. 33-257.000.

Carl, William P.: *See—*
  Ezzell, Bobby R.; Carl, William P.; and Mod, William A., 4,515,989, Cl. 568-674.000.
  Ezzell, Bobby R.; Carl, William P.; and Mod, William A., 4,554,112, Cl. 260-543.00F.

Carl, Wolfgang: *See—*
  Gucklhorn, Karl; and Carl, Wolfgang, 4,532,693, Cl. 29-568.000.

Carl-Zeiss-Stiftung: *See—*
  Ballmer, Horst, 4,529,275, Cl. 350-357.000.
  Ballmer, Horst, 4,531,814, Cl. 350-355.000.
  Baumgartel, Patrice, 4,531,816, Cl. 350-521.000.
  Enderle, Eckhard; and Kaufmann, Dieter, 4,560,213, Cl. 308-5.00R.

Furter, Gerhard; and Lahres, Hans, 4,561,736, Cl. 351-159.000.
Grimm, Wolfgang; and Schurle, Hermann, 4,545,678, Cl. 356-124.000.
Heynacher, Erich; and Ludewig, Reinhard, 4,538,911, Cl. 356-358.000.
Lang, Walter; Muller, Dieter; Muchel, Franz; Wanner, Roland; and Niesel, Peter, 4,523,821, Cl. 351-214.000.
Leitz, Helmut, 4,509,269, Cl. 33-293.000.
Machler, Meinrad; Sachse, Richard; Stacklies, Horst; and Schindler, Achim, 4,496,416, Cl. 156-293.000.
Meier, Hans-Jurgen, 4,550,979, Cl. 350-321.000.
Muchel, Franz; and Strahle, Fritz, 4,518,231, Cl. 350-516.000.
Muchel, Franz, 4,525,042, Cl. 350-519.000.
Muller, Gerhard, 4,529,319, Cl. 356-432.000.
Piller, Horst; and Kipper, Reinhold, 4,505,555, Cl. 350-527.000.
Schulte in den Baumen, Joachim, 4,521,068, Cl. 350-1.100.
Schurle, Hermann; Grimm, Wolfgang; and Bammert, Hubert, 4,505,683, Cl. 434-365.000.
Szenger, Franz, 4,497,522, Cl. 308-6.00C.
Vogt, Peter; and Kunzmann, Horst, 4,547,664, Cl. 250-205.000.
Weber, Klaus, 4,518,230, Cl. 350-511.000.
Weber, Klaus; Willert, Manfred; and Blessmann, Heinz, 4,521,076, Cl. 350-254.000.
Weimer, Eugen; and Muller, Gerhard, 4,515,447, Cl. 350-527.000.
Werner, Walter; Herzog, Klaus; and Szenger, Franz, 4,523,382, Cl. 33-169.00R.

Carl-Zeiss-Stiftung, Heidenheim/Brenz: *See—*
Ballmer, Horst, 4,512,637, Cl. 350-357.000.
Ballmer, Horst; and Wiedmann, Erwin, 4,529,873, Cl. 250-201.000.
Biber, Klaus; Grunvogel, Karl; Lemcke, Ulrich; Jakubowski, Heinz; and Schulz, Kurt, 4,523,732, Cl. 248-123.100.
Busse, Gerhard, 4,557,607, Cl. 374-121.000.
Esswein, Karlheinz, 4,515,439, Cl. 350-257.000.
Herzog, Klaus; and Szenger, Franz, 4,509,871, Cl. 384-502.000.
Herzog, Klaus; Szenger, Franz; and Gentner, Gabriele, 4,520,700, Cl. 82-31.000.
Herzog, Klaus, 4,523,450, Cl. 73-1.00J.
Lang, Walter H.; and Hornschu, Joachim, 4,523,818, Cl. 350-579.000.
Leitz, Helmut, 4,510,695, Cl. 33-293.000.
Muller, Gerhard; and Schwarz, Jurgen, 4,515,445, Cl. 350-524.000.
Prinz, Reinhard, 4,505,559, Cl. 354-66.000.
Rossow, Eberhard, 4,523,094, Cl. 250-311.000.
Schmidt, Wilhelm; Grunvogel, Karl; and Rubl, Lothar, 4,529,264, Cl. 350-96.200.
Szenger, Franz, 4,515,415, Cl. 308-6.00R.

Carle, Glenn C.; Kojiro, Daniel R.; and Humphry, Donald E., to United States of America, National Aeronautics and Space Administration. Modulated voltage metastable ionization detector. 4,538,066, 8-27-85, Cl. 250-374.000.

Carle, Jean-Franqois: *See—*
Bourgeois, Serge; Carle, Jean-Franqois; Lochon, Henri; and Trotin, Jean-Pierre, 4,516,525, Cl. 118-688.000.

Carle & Montanari S.p.A.: *See—*
Cerboni, Renzo, 4,538,978, Cl. 425-206.000.
Ripani, Sergio, 4,519,304, Cl. 99-489.000.

Carlen, Bo R. J.; and Arwidsson, Sven A., to Solna Offset AB. Arrangement for stabilizing an eccentric bearing bush. 4,502,385, 3-5-85, Cl. 101-218.000.

Carles, Maurice: *See—*
Aubert, Jacques; Bethuel, Louis; and Carles, Maurice, 4,544,531, Cl. 423-19.000.

Carley, Earl P., to PPG Industries, Inc. High performance fiber ribbon product, high strength hybrid composites and methods of producing and using same. 4,532,169, 7-30-85, Cl. 428-109.000.

Carley, John J.: *See—*
Williams, Daniel E.; Carley, John J.; and Eaton, Paul S., 4,517,410, Cl. 179-6.040.

Carley, Joseph L.; Potter, James S.; and Ciccotelli, Anthony A., to Duralith Corporation. Membrane panel. 4,496,812, 1-29-85, Cl. 200-159.00B.

Carley, Rickey L. Straight-cut guide for saws. 4,524,662, 6-25-85, Cl. 83-745.000.

Carlfors Bruk E Bjorlund & Co.: *See—*
Danieli, Sten H., 4,513,843, Cl. 188-62.000.

Carli, Alvin J.: *See—*
Meyer, Lawrence L.; and Carli, Alvin J., 4,520,684, Cl. 74-89.210.

Carlin, Donald B., to RCA Corporation. Multi-channel recording/-playback optics for laser diode arrays. 4,520,471, 5-28-85, Cl. 369-112.000.

Carlin Foods Corporation: *See—*
Levine, Lawrence W.; and Mullins, Carolyn C., 4,517,203, Cl. 426-19.000.

Carlin, James W., to AT&T Bell Laboratories. Technique for cancelling antenna sidelobes. 4,525,716, 6-25-85, Cl. 343-381.000.

Carlin, James W., to AT&T Bell Laboratories. Offset geometry, interference canceling receiver. 4,535,476, 8-13-85, Cl. 455-63.000.

Carlin, John A.; and Bigelow, Stephen L. Reaction time and applied force feedback. 4,534,557, 8-13-85, Cl. 273-55.00A.

Carlin, John A.; Mesch, William G.; Mobeck, William L.; Thompson, Randall D.; Henthorn, Jules B.; and Lopez, Benjamin L., to Cypher Systems. Oil field lease management and security system and method therefor. 4,551,719, 11-5-85, Cl. 340-825.360.

Carlin, Samuel R.: *See—*
Karliner, Rudolf R.; and Carlin, Samuel R., 4,551,036, Cl. 401-131.000.

Carlin, William W.; and Marzec, Debra S., to PPG Industries, Inc. Electrode and method of preparing same. 4,530,742, 7-23-85, Cl. 204-95.000.

Carling, William R.: *See—*
Preston, John; and Carling, William R., 4,528,282, Cl. 514-19.000.

Carlingswitch, Inc.: *See—*
Donnelly, James; and Ives, Milton N., 4,504,712, Cl. 200-159.00R.
Nar, Ramesh, 4,504,807, Cl. 335-61.000.
Sorenson, Richard W., 4,524,253, Cl. 200-68.200.
Sorenson, Richard W., 4,562,318, Cl. 200-73.000.

Carlini, Filippo M.: *See—*
Paffoni, Camillo; Carlini, Filippo M.; Bottaccio, Giorgio; and Osti, Alberto, 4,523,953, Cl. 106-23.000.

Carlisle Corporation: *See—*
Harlow, Norman R., 4,529,564, Cl. 264-127.000.
Resan, Stevan A., 4,519,175, Cl. 52-713.000.

Carlisle, Floyd L., to Theratronics, Inc. Electrotherapy apparatus. 4,532,938, 8-6-85, Cl. 128-801.000.

Carlisle Laboratories, Inc.: *See—*
Milia, Frank, 4,497,432, Cl. 229-17.00B.

Carlisle, Robert W. Oil filter unit and sealing device. 4,507,199, 3-26-85, Cl. 210-238.000.

Carlisle, Thomas A.; Smith, Phillip R.; and Thorn, Frank H., deceased (by Thorn, Carl L., Ernest F. Thorn, Alexandra L. Thorn, heirs), to Phillips Petroleum Company. Automatic drying tower switching system. 4,504,286, 3-12-85, Cl. 55-20.000.

Carll, Richard T.; Fastaia, Anthony J.; and von Nieda, Kurt, to United Technologies Corporation. Telephone based control system. 4,551,832, 11-5-85, Cl. 370-58.000.

Carlo Erba Strumentazione S.p.A.: *See—*
Italiano, Pietro; and Riva, Ermete, 4,524,605, Cl. 73-38.000.
Munari, Fausto; Ostan, Giovanni; Saravalle, Carlo; Tosi, Bruno; and Trestianu, Sorin, 4,559,063, Cl. 55-67.000.
Sisti, Giorgio; and Verga, Giuseppe, 4,508,685, Cl. 422-54.000.
Sisti, Giorgio; Trestianu, Sorin; and Riva, Ermete, 4,526,686, Cl. 210-198.200.

Carlo, Louis D., to Mr. Gasket Company. Dual mode shifter for automatic transmissions. 4,515,033, 5-7-85, Cl. 74-476.000.

Carlos, Donald D.; and Friley, B. Keith, to Ashland Oil, Inc. Hydrocarbon oxidate composition. 4,491,535, 1-1-85, Cl. 252-389.610.

Carlos, Donald D., to Warner-Lambert Company. Hydrocarbon oxidate composition. 4,532,060, 7-30-85, Cl. 252-55.000.

Carlos, Donald D., to Ashland Oil, Inc. Redox catalyst plus promoter for oxidation of hydrocarbons. 4,533,458, 8-6-85, Cl. 208-3.000.

Carlos, Donald D.: *See—*
Wombles, Robert H.; Carlos, Donald D.; and Gannon, Charles R., 4,544,411, Cl. 106-279.000.

Carlow, Charles A., to National Research Development Corporation. Sorting conveyor. 4,561,545, 12-31-85, Cl. 209-564.000.

Carlozzi, Gerard S.: *See—*
Prosl, Frank R.; Skakoon, James G.; Carlozzi, Gerard S.; and Infusaid Corporation, 4,541,429, Cl. 604-249.000.

Carlquist, John W.: *See—*
Van Valkenburg, George; and Carlquist, John W., 4,517,598, Cl. 358-142.000.

Carlqvist, Bengt R.; and Svensson, Lars T. E., to Telefonaktiebolaget LM Ericsson. Method of providing adaptive echo cancellation in transmission of digital information in duplex, and apparatus for performing the method. 4,539,674, 9-3-85, Cl. 370-32.000.

Carlqvist, Stig: *See—*
Darche, Michel J. P.; and Carlqvist, Stig, 4,498,297, Cl. 60-525.000.

Carlqvist, Stig G., to Stig G. Carlqvist Motor Consultant (CMC) AB. Method for compressing and heating a heating medium to be externally supplied to an engine while using the energy available in the hot exhaust gases of the engine. 4,520,628, 6-4-85, Cl. 60-616.000.

Carlsen, Arthur T.: *See—*
Zemek, Albert W.; and Carlsen, Arthur T., 4,501,065, Cl. 29-845.000.

Carlsen, Russell O.; Casati, Francois M.; and Raden, Daniel S., to Abbott Laboratories. Catalyst system and process for the production of polyurethanes. 4,500,654, 2-19-85, Cl. 521-129.000.

Carlsen, W. John; and Melman, Paul, to GTE Automatic Electric Laboratories Incorporated. Interferometric multimode fiber optic switch and modulator. 4,504,121, 3-12-85, Cl. 350-385.000.

Carlsen, W. John; and Melman, Paul, to GTE Automatic Electric Laboratories Incorporated. Polarization-insensitive optical switch and multiplexing apparatus. 4,514,046, 4-30-85, Cl. 350-385.000.

Carlsen, W. John, to GTE Automatic Electric Laboratories Incorporated. Optical fiber holders. 4,531,810, 7-30-85, Cl. 350-96.200.

Carlsen, W. John: *See—*
Melman, Paul; and Carlsen, W. John, 4,523,843, Cl. 356-127.000.

Carlson, Albert A.; Owen, Darrel M.; and Van Winkle, George W., to Boeing Company, The. Infrared radiation filter lens for aircraft lights. 4,495,549, 1-22-85, Cl. 362-62.000.

Carlson, Arthur R., to Brian Davis and Company Proprietary Limited. Food container with removable lid. 4,499,998, 2-19-85, Cl. 206-541.000.

Carlson, Charles E.: *See—*
Budzyn, Boleslaw L.; and Carlson, Charles E., 4,537,239, Cl. 164-423.000.

Carlson, Chesley F.: *See—*
Hull, Frank A., 4,498,140, Cl. 364-571.000.

Carlson, Chester O., to Illinois Tool Works Inc. Adhesive dispensing system. 4,543,148, 9-24-85, Cl. 156-314.000.

- Carlson, Curtis R.; Adelson, Edward H.; and Anderson, Charles H., to RCA Corporation. System for coring an image-representing signal. 4,523,230, 6-11-85, Cl. 358-167.000.
- Carlson, Curtis R., to RCA Corporation. Spatial prefilter for variable-resolution sampled imaging systems. 4,554,585, 11-19-85, Cl. 358-209.000.
- Carlson, David A.; and McLaughlin, John R., to United States of America, Agriculture. Diolefin pheromone mimics as disruptants of sexual communication in insects. 4,527,000, 7-2-85, Cl. 585-16.000.
- Carlson, David J., to RCA Corporation. R.F. diplexing and multiplexing means. 4,555,809, 11-26-85, Cl. 455-190.000.
- Carlson, David J., to RCA Corporation. Double conversion tuner with split IF output. 4,562,472, 12-31-85, Cl. 358-197.000.
- Carlson, David J.: *See—*
  - Lea, Jeffrey G.; and Carlson, David J., 4,494,081, Cl. 331-36.00C.
- Carlson, Elmer V., to Industrial Research Products, Inc. Miniature acoustical transducer with filter/regulator power supply circuit. 4,509,193, 4-2-85, Cl. 381-113.000.
- Carlson, Emery J.: *See—*
  - Yamanis, Jean; Carlson, Emery J.; and Armor, John N., 4,560,797, Cl. 564-267.000.
- Carlson, Eric R.; and Schneider, Martin V., to AT&T Bell Laboratories. Symmetrical low-loss suspended substrate stripline. 4,521,755, 6-4-85, Cl. 333-244.000.
- Carlson, Eric R., to AT&T Bell Laboratories. Measurement system for characterizing power amplifier and other device performance. 4,556,841, 12-3-85, Cl. 324-73.00R.
- Carlson, Franklin B.; and Hall, Robert N., to Tosco Corporation. Circulating bed heat exchanger for cooling shale ash. 4,509,589, 4-9-85, Cl. 165-95.000.
- Carlson, Franklin J. Removable protective skirt for a tank. 4,511,055, 4-16-85, Cl. 220-69.000.
- Carlson, Gary M.; and Abbey, Kirk J., to SCM Corporation. Low molecular weight polymers and copolymers. 4,526,945, 7-2-85, Cl. 526-145.000.
- Carlson, Gary M.; and Wickert, Frank A., to SCM Corporation. Composite low temperature cure latexes. 4,542,180, 9-17-85, Cl. 524-512.000.
- Carlson, Gary M., to SCM Corporation. Synthesis of 2,2-dimethyl-4-methyleneglutaric acid and derivatives. 4,547,323, 10-15-85, Cl. 260-465.400.
- Carlson, Gordon S.: *See—*
  - Crowley, George C.; Carlson, Gordon S.; and Woznicki, Michael, 4,550,358, Cl. 361-42.000.
- Carlson, Greg A. Litter-cleaning animal litter box. 4,505,226, 3-19-85, Cl. 119-1.000.
- Carlson, Heinz F. Burglar alarm system incorporating pneumatically operated components. 4,522,146, 6-11-85, Cl. 116-2.000.
- Carlson, Jeffrey J.: *See—*
  - Wronski, Steve; Albright, John E.; and Carlson, Jeffrey J., 4,502,823, Cl. 409-134.000.
- Carlson, John A., to Teleflex Incorporated. Method for attaching a fitting to a conduit of a push-pull control. 4,547,239, 10-15-85, Cl. 156-73.500.
- Carlson, John D. Kifer, Edward W.; Wojtyna, Vincent J.; and Colton, James P., to Koppers Company, Inc. Phenol formaldehyde resoles for making phenolic foam. 4,539,338, 9-3-85, Cl. 521-131.000.
- Carlson, John E., to Chem-Nuclear Systems, Inc. Compound catalyst system usable for the polymerization or curing of urea-formaldehyde polymeric condensation systems. 4,499,200, 2-12-85, Cl. 502-172.000.
- Carlson, John E. Holographic system for the storage of audio, video and computer data. 4,550,395, 10-29-85, Cl. 369-103.000.
- Carlson, John H.; and Peterson, Carl F., to USM Corporation. Double eccentric wave generator arrangement. 4,491,033, 1-1-85, Cl. 74-640.000.
- Carlson, John H.; and Agbay, Anthony J., to Omco Inc. Spring security lock. 4,513,591, 4-30-85, Cl. 70-34.000.
- Carlson, John H., to USM Corporation. Extended flexspline arrangement. 4,524,639, 6-25-85, Cl. 74-640.000.
- Carlson, John H.: *See—*
  - Simmler, Lawrence W.; and Carlson, John H., 4,519,225, Cl. 70-34.000.
- Carlson, Lee A.: *See—*
  - Johnson, Lewis H.; Carlson, Lee A.; and Lunt, David M., 4,497,275, Cl. 118-268.000.
- Carlson, Peter S.: *See—*
  - Christianson, Michael L.; Warnick, Debra A.; and Carlson, Peter S., 4,548,901, Cl. 435-241.000.
- Carlson, Richard O.; Glascock, Homer H., II; Loughran, James A.; and Webster, Harold F., to General Electric Company. Low loss, multilevel silicon circuit board. 4,541,035, 9-10-85, Cl. 361-414.000.
- Carlson, Richard P.: *See—*
  - Wei, Peter H. L.; and Carlson, Richard P., 4,551,538, Cl. 548-367.000.
- Carlson, Roger W., to Amana Refrigeration, Inc. Microwave cooking method. 4,508,948, 4-2-85, Cl. 219-10.55M.
- Carlson, Roland W.; and Blaskis, Edward A., to Technicare Corporation. Method for assembling a high vacuum rotating anode X-ray tube. 4,501,566, 2-26-85, Cl. 445-28.000.
- Carlson, Ronald F., to General Dynamics Corporation/Convair Div. Hand airfeed powertool. 4,534,682, 8-13-85, Cl. 408-14.000.
- Carlson, Ronald F.: *See—*
  - Clifton, James E.; and Carlson, Ronald F., 4,538,943, Cl. 408-14.000.
- Carlson, Ronald L.; and Seale, Edward G., to Hallmark Cards, Inc. Ornament assembly. 4,542,676, 9-24-85, Cl. 84-94.00C.
- Carlson, Timothy L.: *See—*
  - Ward, John W.; and Carlson, Timothy L., 4,517,073, Cl. 208-111.000.
- Carlson, Walter H.; Zander, Gerald B.; Hanna, George C.; and Burmeister, Kevin L., to Graphite Sales, Inc. Production of silicon carbide. 4,536,379, 8-20-85, Cl. 423-345.000.
- Carlson, William G.: *See—*
  - Gupta, Tapan K.; Carlson, William G.; Osterhout, Joseph C.; Boyette, Gerald B.; and Sweetana, Andrew S., Jr., 4,549,981, Cl. 252-518.000.
- Carlsson, Halvard I. Machine for producing ice-cream. 4,527,972, 7-9-85, Cl. 425-440.000.
- Carlsson, Halvard I. Method and an apparatus for packaging articles in individual wrappings. 4,530,201, 7-23-85, Cl. 53-397.000.
- Carlsson, Jan E. K., to KMW ERJO AB. Wood chipper. 4,544,104, 10-1-85, Cl. 241-57.000.
- Carlsson, Jan E. K., to KMW ERJO AB. Separating device for a wood chipper. 4,544,105, 10-1-85, Cl. 241-73.000.
- Carlsson, Lars-Olof, to Abu Aktiebolag. Bail operating mechanism for fishing reels. 4,535,952, 8-20-85, Cl. 242-84.20G.
- Carlsson, Stig. Loudspeaker. 4,558,762, 12-17-85, Cl. 181-147.000.
- Carlsson, Sune J. R. Apparatus for transferring pulverulent material. 4,558,724, 12-17-85, Cl. 141-286.000.
- Carlsson, Valdemar; and Fredriksson, Boris, to ITT Industries, Inc. Mechanical seal lubrication device. 4,494,758, 1-22-85, Cl. 277-14.00V.
- Carlsson, Valdemar, to ITT Industries, Inc. Centrifugal pump impeller. 4,530,643, 7-23-85, Cl. 416-144.000.
- Carlstedt, Richard A., to Miner Enterprises. Draft gear. 4,556,149, 12-3-85, Cl. 213-34.000.
- Carlstrom, Elis; Johnsson, Agneta I.; and Hermansson, Leif A. G. Method for removal of organic binding agents from molded bodies. 4,534,936, 8-13-85, Cl. 419-36.000.
- Carlton, Lewis M.: *See—*
  - Murphy, Frank W., Jr.; Carlton, Lewis M.; O'Mary, Bob L.; and Cruse, Teddy H., 4,505,288, Cl. 137-59.000.
- Carluccio, John F. Cosmetic container. 4,545,696, 10-8-85, Cl. 401-175.000.
- Carlvret, Bertil. Arrangement for cleaning a liquid containing particles. 4,529,517, 7-16-85, Cl. 210-223.000.
- Carman, Carol S.: *See—*
  - Koser, Gerald F.; and Carman, Carol S., 4,513,137, Cl. 546-14.000.
- Carman, Justice N. Homogenizing apparatus glass making furnace and method of homogenizing glass. 4,504,302, 3-12-85, Cl. 65-136.000.
- Carmean, Wesley F., to IGT. Video processing architecture. 4,517,654, 5-14-85, Cl. 364-521.000.
- Carmel, Yuval: *See—*
  - Read, Michael E.; Carmel, Yuval; Chu, Kwo R.; and Ganguly, Achintya K., 4,554,484, Cl. 315-4.000.
- Carmichael, Jerry H.; and Wellington, Charles H., to Dresser Industries, Inc. Method and apparatus for acoustic cement bond logging. 4,551,823, 11-5-85, Cl. 367-35.000.
- Carmichael, Kathleen M.: *See—*
  - Tokoli, Emery G.; Horgan, Anthony M.; and Carmichael, Kathleen M., 4,508,650, Cl. 260-245.860.
- Carmichael, Richard Q.: *See—*
  - Gulley, Brian W.; Williamson, Gilbert J.; Carmichael, Richard Q.; Cooke, David F.; and Taylor, Roderick, 4,561,860, Cl. 44-10.00R.
- Carmichael, Richard W.: *See—*
  - Pugh, James G.; and Carmichael, Richard W., 4,553,789, Cl. 303-54.000.
- Carmichael, Wayne E. Self-contained compact electric beverage brewing travel kit. 4,495,404, 1-22-85, Cl. 219-281.000.
- Carminati, Julien, to Centre de Production Mecanique. Spoke dispenser for spoked wheels in a spoke-fitting machine. 4,511,058, 4-16-85, Cl. 221-2.000.
- Carminati, Julien, to Centre de Production Mecanique. Method for threading spokes on a spoke wheel hub. 4,538,332, 9-3-85, Cl. 29-159.020.
- Carminati, Paolo; Biziere, Kathleen; and Hallot, Andre, to Sanofi. 2-(1-piperazinyl) pyrimidines, their salts and pharmaceutical compositions containing them. 4,542,136, 9-17-85, Cl. 514-252.000.
- Carminati, Paolo: *See—*
  - Nisato, Dino; Boveri, Sergio; Roncucci, Romeo; and Carminati, Paolo, 4,501,747, Cl. 514-342.000.
- Carmody, Michael A., to Baker Oil Tools, Inc. Subsurface well safety valve. 4,503,913, 3-12-85, Cl. 166-319.000.
- Carmon, Shmuel: *See—*
  - Keren, Yehuda; Carmon, Shmuel; Behar, Meyer; and Axelrod, Shimshon, 4,511,543, Cl. 423-167.000.
- Carmosino, Michael N.: *See—*
  - Wenzel, Wolfgang D.; and Carmosino, Michael N., 4,496,678, Cl. 524-157.000.
- Carn, Annick R.: *See—*
  - Gresse, Herve R.; and Carn, Annick R., 4,498,735, Cl. 350-138.000.
- Carn, William R., to Chicago Bridge & Iron Company. Liquid storage tank with emergency product removal apparatus. 4,519,415, 5-28-85, Cl. 137-318.000.
- Carnaby, Garth A., to Wool Research Organization of New Zealand (Inc.). Tufting machine needles. 4,502,403, 3-5-85, Cl. 112-222.000.
- Carnahan, Michael T.: *See—*
  - Brull, John J.; and Carnahan, Michael T., 4,519,812, Cl. 51-422.000.
- Carnavos, Theodore C., to Noranda Metal Industries, Inc. Coaxial finned tube heat exchanger. 4,554,969, 11-26-85, Cl. 165-154.000.

- Carnegie-Mellon University: *See—*
  - Kung, Hsiang-Tsung; and Leiserson, Charles E., 4,493,048, Cl. 364-754.000.
  - Okada, Tokuji; and Kanade, Takeo, 4,526,106, Cl. 104-138.00G.
  - Prinz, Friedrich B.; Hoburg, James F.; and Gunnarsson, Kristjan, 4,554,834, Cl. 73-597.000.
- Carnes, Ronald C.; and Naumann, Ted F., Jr., to General Electric Company. Oscillating scanner and drive mechanism therefor. 4,550,608, 11-5-85, Cl. 73-633.000.
- Carnes, Ronald C.: *See—*
  - Thompson, Craig R.; Carnes, Ronald C.; and Naumann, Ted F., Jr., 4,517,840, Cl. 73-644.000.
- Carnewal, Jose A. C. L.; and Van Overschelde, Daniel M., to Sperry Corporation. Straw chopper drive. 4,552,547, 11-12-85, Cl. 474-101.000.
- Carney, Frederick T., Jr.: *See—*
  - Shirley, Arthur R., Jr.; and Carney, Frederick T., Jr., 4,506,453, Cl. 34-12.000.
- Carney, George T.; and Heath, Gary C., to Energy Control Products, Inc. Energy management control system. 4,509,585, 4-9-85, Cl. 165-12.000.
- Carney, John C., to Bechtel International Corporation. Method and apparatus for transporting slurry along a pipeline. 4,507,022, 3-26-85, Cl. 406-50.000.
- Carney, Joseph E., to Black & Decker Inc. Overload detection and warning system for electric motors in power tools and the like. 4,550,277, 10-29-85, Cl. 318-334.000.
- Carney, Patrick T. Device and method for pressure testing. 4,494,402, 1-22-85, Cl. 73-40.000.
- Carney, Thomas E.; Champion, Allan R.; and Logullo, Francis M., Sr., to Du Pont de Nemours, E. I., and Company. Reinforced cement. 4,515,636, 5-7-85, Cl. 106-90.000.
- Carney, William V.; and Fasano, Michael, to Porta Systems Corp. Conductor guide means for telephone connector blocks. 4,512,622, 4-23-85, Cl. 339-103.00M.
- Carniselli, Giuliano: *See—*
  - Bargigia, Gianangelo; and Carniselli, Giuliano, 4,491,531, Cl. 252-153.000.
- Caro, Edward R.: *See—*
  - Goldstein, Richard M.; Caro, Edward R.; and Wu, Chialin, 4,551,724, Cl. 343-5.0CM.
- Carobbi, Renato; Miletti, Sandro; and Franci, Vittorio, to Sirac S.p.A. Process for preparing lactulose from lactose, in the form of a syrup or a crystalline product. 4,536,221, 8-20-85, Cl. 127-30.000.
- Carobbi, Renato; Miletti, Sandro; and Franci, Vittorio, to Sirac S.p.A. Process for purifying lactulose syrup. 4,555,271, 11-26-85, Cl. 127-46.200.
- Carobbi, Renato: *See—*
  - Filippini, Andrea; and Carobbi, Renato, 4,506,036, Cl. 521-53.000.
  - Filippini, Andrea; and Carobbi, Renato, 4,539,147, Cl. 260-112.50R.
  - Filippini, Andrea; and Carobbi, Renato, 4,542,161, Cl. 521-53.000.
- Caron, Bernard G.; and Hoffer, John C., to AMP Incorporated. Housing mountable on printed circuit board to interconnect fiber optic connectors. 4,547,039, 10-15-85, Cl. 350-96.200.
- Caron, Bernard G.: *See—*
  - Bowen, Terry P.; Caron, Bernard G.; Cooper, Ronald F.; and Glover, Douglas W., 4,534,616, Cl. 350-96.200.
- Caron, Francois G., to International Business Machines Corporation. Odynamical operating rate allocation process in a multiplex communication system. 4,550,399, 10-29-85, Cl. 370-80.000.
- Caron, LaVerne A.; and Handley, Edward F., to International Harvester Company. Glow plug control circuit. 4,530,321, 7-23-85, Cl. 123-179.00H.
- Carosino, Paul J. Shift controller. 4,534,237, 8-13-85, Cl. 74-476.000.
- Carossino, Andre, to Carossino Freres. Clamp apparatus, especially for clamping a part onto a machine tool. 4,500,081, 2-19-85, Cl. 269-93.000.
- Carossino Freres: *See—*
  - Carossino, Andre, 4,500,081, Cl. 269-93.000.
- Carp, Gerald, to United States of America, Transportation. Means for the deactivation of electric blasting caps. 4,527,480, 7-9-85, Cl. 102-202.100.
- Carpano & Pons: *See—*
  - Saligny, Yves, 4,526,434, Cl. 339-99.00R.
- Carpanzano, Carmine, to Air Structures International. Cable tie for an air supported structure cable net. 4,511,279, 4-16-85, Cl. 403-266.000.
- Carpe, Michel; Collin, Claude; and Pontif, Marc, to Thomson-CSF. Receiver for multicarrier signals protected from unwanted signals. 4,509,206, 4-2-85, Cl. 455-245.000.
- Carpenter, Allan L., to Commonwealth of Australia, The. Hydrophone cable. 4,491,939, 1-1-85, Cl. 367-20.000.
- Carpenter, Brian M., to Coal Industry (Patents) Limited. Combustion and heating equipment. 4,520,740, 6-4-85, Cl. 110-288.000.
- Carpenter, Charles B.: *See—*
  - Milford, Edgar L.; Carpenter, Charles B.; and Paradysz, Jean M., 4,517,289, Cl. 435-7.000.
- Carpenter, Francis W., III: *See—*
  - Van Doorn, Donald W.; Hawkins, James B.; Carpenter, Francis W., III; Lange, Robert E.; and Webb, Tommy W., 4,550,657, Cl. 100-43.000.
- Carpenter, James H.; and Corderman, Donald G., to Kennecott Corporation. Vane retention apparatus for abrasive blasting machine. 4,509,300, 4-9-85, Cl. 51-435.000.
- Carpenter, James H.; Mullins, Ronald L.; and Smith, Ronald L., to Kennecott Corporation. Portable abrasive throwing wheel device. 4,561,220, 12-31-85, Cl. 51-427.000.
- Carpenter, John A., to Bethlehem Steel Corporation. Fail-closed, tight seal gas safety valve system. 4,553,731, 11-19-85, Cl. 251-27.000.
- Carpenter, Keith H., to General Motors Corporation. Pressure balanced valve for adjustable hydraulic damper. 4,520,908, 6-4-85, Cl. 188-319.000.
- Carpenter, Kent H.; and Laferty, John M., to Amax Inc. Process for producing ammonium metatungstate. 4,504,461, 3-12-85, Cl. 423-593.000.
- Carpenter, Kent H.; Whorley, Gerald E., deceased (by Whorley, Diana, executrix); and Lennard, Thomas W., to Amax Inc. Reduction of MoO_3 and ammonium molybdates by ammonia in a rotary furnace. 4,547,220, 10-15-85, Cl. 75-84.000.
- Carpenter, Larry: *See—*
  - Andrews, Winston A.; and Carpenter, Larry, 4,559,671, Cl. 16-111.00R.
- Carpenter, Michael K.: *See—*
  - Ellis, Arthur B.; and Carpenter, Michael K., 4,559,116, Cl. 204-129.300.
- Carpenter Paper Company: *See—*
  - Tell, Joseph M., 4,554,761, Cl. 47-1.410.
- Carpenter, Paul E.; Fisher, Charles B.; and Peash, Douglas E., to Boeing Company, The. Ventilated instrument panel support rail. 4,520,424, 5-28-85, Cl. 361-383.000.
- Carpenter, Peter E. G.; and Baker, Andrew P., to Square D Company. Switch fuse unit. 4,496,916, 1-29-85, Cl. 337-6.000.
- Carpenter, Ralph F.; and Gordon, David R., to Pacific Electro Dynamics, Inc. Multiple voltage switching power supply having output voltage limiting. 4,533,836, 8-6-85, Cl. 307-11.000.
- Carpenter, Robert L.: *See—*
  - Councilman, Richard R.; Swisher, Steven L.; and Carpenter, Robert L., 4,509,705, Cl. 242-84.21R.
- Carpenter, Scott R.: *See—*
  - Tsals, Izrail; Peterson, Gerald E.; Karliner, Rudy R.; Carpenter, Scott R.; and Frank, Peter L., 4,559,661, Cl. 15-93.00R.
- Carpenter Technology Corporation: *See—*
  - DeBold, Terry A.; Magee, John H., Jr.; and Schmidt, Norman B., 4,554,028, Cl. 148-38.000.
- Carpentier, Urgel R., to Plattsburgh Foundry, Inc. Dust valve and trap. 4,498,492, 2-12-85, Cl. 137-315.000
- Carpino, Louis A.; and Cohen, Beri, to Research Corporation. Peptide synthesis and amino acid blocking agents. 4,508,657, 4-2-85, Cl. 260-463.000.
- Carprotec, Inc.: *See—*
  - Questel, John M.; and Madonia, Ralph J., 4,499,130, Cl. 428-42.000.
- Carr, Arthur E.: *See—*
  - Erlam, David P.; and Carr, Arthur E., 4,509,810, Cl. 339-17.00M.
  - Erlam, David P.; and Carr, Arthur E., 4,511,199, Cl. 339-45.00M.
- Carr, Brian: *See—*
  - Kaye, Arthur; Carr, Brian; and Latham, Philip A., 4,516,063, Cl. 318-685.000.
- Carr, Charles R., to Brazeway, Inc. Swap action arrangement mounting an electric defroster heater to a finned refrigeration unit. 4,492,851, 1-8-85, Cl. 219-201.000.
- Carr, David R.: *See—*
  - Parks, John R.; Carr, David R.; and Fox, Peter F., 4,495,644, Cl. 382-3.000.
- Carr, Dennis D.; and Walton, Riley C., to Eagle-Picher Industries, Inc. Support assembly for cells of a secondary battery. 4,546,054, 10-8-85, Cl. 429-101.000.
- Carr, Dennis D.: *See—*
  - Miller, Lee E.; Carr, Dennis D.; and Smith, Donald L., 4,517,264, Cl. 429-163.000.
- Carr, Edward F., to University of Maine, Board of Trustees of the. Active regulation of heat transfer. 4,515,206, 5-7-85, Cl. 165-1.000.
- Carr, Edward H.; Knight, Harry W.; and Turnock, Richard C., to Imperial Chemical Industries PLC. Equipment for testing electrical devices such as solenoids. 4,504,789, 3-12-85, Cl. 324-418.000.
- Carr, Edward L.: *See—*
  - Burchfield, William L.; Carr, Edward L.; and Laskowski, Gordon J., 4,534,476, Cl. 212-190.000.
- Carr, Frederick: *See—*
  - White, Claude C.; and Carr, Frederick, 4,534,679, Cl. 405-261.000.
  - White, Claude C.; and Carr, Frederick, 4,534,680, Cl. 405-261.000.
- Carr-Griff, Inc.: *See—*
  - Schoenmeyr, Ivar L., 4,507,054, Cl. 417-12.000.
  - Schoenmeyr, Ivar L., 4,507,058, Cl. 417-270.000.
- Carr, Jay R., to Tidball, Keith A., a part interest. Electronic cattle guard. 4,503,399, 3-5-85, Cl. 340-573.000.
- Carr, Jesse M., Jr.; Sheler, Raymond E.; Richards, Frank J.; and Kelder, Eric, to Texasgulf Inc. Filtration of wet process superphosphoric acid. 4,547,295, 10-15-85, Cl. 210-777.000.
- Carr, Keith E.: *See—*
  - Martin, William J.; Carr, Keith E.; and Peterson, Edward C., 4,549,328, Cl. 15-338.000.
- Carr, Kenneth L., to Microwave Associates, Inc. Microwave endoscope detection and treatment system. 4,557,272, 12-10-85, Cl. 128-736.000.
- Carr, Kenneth R., to United States of America. Energy. Rotational viscometer for high-pressure high-temperature fluids. 4,499,753, 2-19-85, Cl. 73-59.000.
- Carr, Neil; and Gray, George W., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Liquid crystal compounds. 4,556,745, 12-3-85, Cl. 568-632.000.

- Carr, Neil: *See—*
  - Andrews, Beatrice M.; Carr, Neil; Gray, George W.; and Hogg, Christine, 4,512,636, Cl. 350-350.00R.
- Carr, Paul L. I., to Imperial Chemical Industries PLC. Filament yarn. 4,523,427, 6-18-85, Cl. 57-248.000.
- Carr, Peter; and Rowan, John W., to Energy Development Associates, Inc. Zinc-chloride battery in a chlorine producing/consuming plant. 4,534,833, 8-13-85, Cl. 204-128.000.
- Carr, Richard V. C., to Air Products and Chemicals, Inc. Nitric acid recovery by the adiabatic nitration of nitroaromatics with fortified spent acid. 4,496,782, 1-29-85, Cl. 568-934.000.
- Carr, Roger D., to Savin Corporation. Sheet stacking apparatus and registration mechanism therefor. 4,556,211, 12-3-85, Cl. 271-221.000.
- Carr, Stephen P. Clamping tuning machine. 4,498,366, 2-12-85, Cl. 84-304.000.
- Carr, William H., Jr., to Container Corporation of America. Sleeve style package holder. 4,491,356, 1-1-85, Cl. 294-31.200.
- Carr, William H., Jr.; and Desmond, John D., to Container Corporation of America. Ice cream carton. 4,557,415, 12-10-85, Cl. 229-30.000.
- Carra, Sergio: *See—*
  - Santacesaria, Elio; Codignola, Franco; Gelosa, Davino; and Carra, Sergio, 4,542,254, Cl. 585-828.000.
- Carracoy, Claudio, to Oftalysine s.r.l. Cosmetic applicator and container assembly for aseptic application of cosmetics. 4,540,007, 9-10-85, Cl. 132-88.500.
- Carranza, Fermin A., Jr.: *See—*
  - Newman, Michael G.; and Carranza, Fermin A., Jr., 4,548,219, Cl. 132-91.000.
- Carraroli, Dario; and Giavelli, Giordano, to Carfer S.r.l.; and Officina Meccanica Giavelli S.p.A. Roller table for single-layer ceramic kilns in general. 4,500,287, 2-19-85, Cl. 432-246.000.
- Carraroli, Dario; and Giavelli, Giordano. Ceramic roller-hearth kiln with controlled combustion and cooling. 4,527,974, 7-9-85, Cl. 432-78.000.
- Carrasquel, Angel R.: *See—*
  - Morales, Alfredo; Galiasso, Roberto E.; and Carrasquel, Angel R., 4,525,472, Cl. 502-323.000.
  - Morales, Alfredo L.; Galiasso, Roberto E.; Agudelo, Maria M.; Salazar, Jose A.; and Carrasquel, Angel R., 4,520,128, Cl. 502-210.000.
- Carre, Christian; and Guibet, Jean P., to Air Industrie. Installation for injecting a powdery material, particularly an adsorbent material, into a contact column. 4,534,778, 8-13-85, Cl. 55-340.000.
- Carre, Jean-Jacques, to Societe Anonyme D.B.A. Automatic-adjustment drum brake. 4,502,573, 3-5-85, Cl. 188-79.50P.
- Carre, Jean-Jacques; Pressaco, Pierre; and Mery, Jean-Claude, to Societe Anonyme D.B.A. Drum brake and the spacer for such a brake. 4,503,949, 3-12-85, Cl. 188-79.50P.
- Carre, Jean-Jacques, to Societe Anonyme D.B.A. Dual-circuit brake corrector under deceleration control. 4,516,810, 5-14-85, Cl. 303-24.00F.
- Carre, Jean-Jacques; and Courbot, Pierre, to Societe Anonyme D.B.A. Volumetric machine with conical screws. 4,522,576, 6-11-85, Cl. 418-194.000.
- Carre, Jean-Jacques; Courbot, Pierre; and Mery, Jean-Claude, to Societe Anonyme D.B.A. Elastic and sliding locking device for disc brake with a floating caliper supported by a single axial pin, and disc brake equipped with such a device. 4,533,023, 8-6-85, Cl. 188-73.340.
- Carre, Jean-Jacques, to Societe Anonyme D.B.A. Disc brake with a sliding caliper. 4,533,025, 8-6-85, Cl. 188-73.440.
- Carre , Jean-Jacques; and Pressaco, Pierre, to Societe Anonyme D.B.A. Brake motor with automatic adjustment. 4,553,646, 11-19-85, Cl. 188-196.0BA.
- Carre, Jean-Jacques; and Pressaco, Pierre, to Societe Anonyme D.B.A. Braking corrector responsive to deceleration. 4,560,209, 12-24-85, Cl. 303-22.00R.
- Carre, Jean-Jacques: *See—*
  - Pressaco, Pierre; and Carre, Jean-Jacques, 4,499,812, Cl. 91-376.00R.
- Carreno, Diether E., to General Electric Company. Tapered core exit for gas turbine bucket. 4,497,613, 2-5-85, Cl. 416-228.000.
- Carrera, Jacinto P., to Polaroid Corporation. Electromagnetic actuator having adjustable plunger. 4,496,921, 1-29-85, Cl. 335-258.000.
- Carrera, Jacinto P., to Polaroid Corporation. Thin blade members having magnetic repelling forces therebetween. 4,514,065, 4-30-85, Cl. 354-235.100.
- Carricato, Louis: *See—*
  - El-Hag, Nabil A.; Cochran, Stuart A.; Schwabe, Kenneth R.; Carricato, Louis; and Shanbhag, Sudhakar P., 4,551,340, Cl. 426-437.000.
- Carrick, Gordon S.: *See—*
  - Butcher, Ian; Carrick, Gordon S.; and Hillman, Kevin P., 4,542,028, Cl. 426-100.000.
- Carrick, Wayne L.; Solvik, R. Sven; and Kirch, William, to Chemplex Company. Copolymerization of ethylene. 4,558,105, 12-10-85, Cl. 526-68.000.
- Carrico, Robert J.: *See—*
  - Boguslaski, Robert C.; Carrico, Robert J.; and Christner, James E., 4,492,751, Cl. 435-7.000.
- Carrier, Anthony. Winter boot. 4,512,089, 4-23-85, Cl. 36-112.000.
- Carrier Corporation: *See—*
  - Anderson, Gordon K.; and Savage, William S., 4,549,405, Cl. 62-239.000.
  - Barrows, Kenneth C.; and Divers, Raymond T., 4,523,798, Cl. 339-192.0RL.
  - Bolton, Theodore S.; Leech, Brad G.; and Lang, Richard D., 4,499,816, Cl. 98-40.260.
  - Bolton, Theodore S.; and Lang, Richard D., 4,555,983, Cl. 98-114.000.
  - Briccetti, Mario F., 4,493,194, Cl. 62-180.000.
  - Bussjager, Rudy C.; and Del Toro, James J., 4,519,539, Cl. 236-13.000.
  - Bzdula, Joseph A., 4,498,305, Cl. 62-84.000.
  - Clark, William E.; and Wellman, Donald C., 4,495,986, Cl. 165-2.000.
  - Clark, William E., 4,527,735, Cl. 236-87.000.
  - Clark, William E.; and Wellman, Donald C., 4,531,573, Cl. 165-16.000.
  - Clark, William E.; and Carucci, James, 4,533,080, Cl. 236-49.000.
  - Daley, Eugene E., Jr.; and O'Grady, Thomas R., 4,494,813, Cl. 339-99.00R.
  - Drucker, Alan S., 4,546,616, Cl. 62-174.000.
  - Drucker, Alan S., 4,548,050, Cl. 62-291.000.
  - Duell, Richard J., 4,527,762, Cl. 248-222.100.
  - Fraser, Howard H., Jr.; and Anderson, George A., III, 4,511,314, Cl. 417-363.000.
  - Freliech, Robert A., 4,558,306, Cl. 340-520.000.
  - Geary, Carl H., 4,502,809, Cl. 403-28.000.
  - Greever, James E.; and Gray, Kenneth P., 4,547,952, Cl. 29-451.000.
  - Haas, Rudy E., 4,554,968, Cl. 165-144.000.
  - Hannett, William J., 4,502,084, Cl. 361-23.000.
  - Hannett, William J.; and Wilson, David S., 4,505,650, Cl. 417-426.000.
  - Hargis, Larry N., 4,501,534, Cl. 417-572.000.
  - Herb, Carl C., 4,535,932, Cl. 236-49.000.
  - Huenniger, Edward A., 4,502,530, Cl. 165-72.000.
  - Jackson, Dale E., 4,556,778, Cl. 219-125.110.
  - Jennings, William B.; Kozlowski, Robert M.; and Hayes, Richmond S., Jr., 4,492,269, Cl. 165-172.000.
  - Jennings, William B.; Shelton, Edward B.; and Hayes, Richmond S., Jr., 4,513,586, Cl. 62-263.000.
  - Kirtland, Howard W., 4,527,949, Cl. 415-150.000.
  - Kropiwnicki, Tadek M.; and Braymer, Joseph E., 4,549,857, Cl. 417-312.000.
  - Kuhn, Gerhard; and Jacobs, John J., 4,492,127, Cl. 74-50.000.
  - Lord, Richard G., 4,506,516, Cl. 62-117.000.
  - Lord, Richard G., 4,523,435, Cl. 62-212.000.
  - Lord, Richard G., 4,527,399, Cl. 62-212.000.
  - Lord, Richard G., 4,538,419, Cl. 62-129.000.
  - Lord, Richard G., 4,545,210, Cl. 62-77.000.
  - Lord, Richard G.; and Nieva, Kenneth J., 4,549,403, Cl. 62-201.000.
  - Lord, Richard G., 4,549,404, Cl. 62-224.000.
  - Martin, Gregory W., 4,492,327, Cl. 226-177.000.
  - Mount, Gordon L.; Bandukwalla, Phiroze; and Mulugeta, Jarso, 4,503,684, Cl. 62-115.000.
  - Mount, Gordon L., 4,514,989, Cl. 62-201.000.
  - Mount, Gordon L., 4,535,598, Cl. 62-126.000.
  - Mount, Gordon L., 4,535,607, Cl. 62-201.000.
  - Mount, Gordon L.; and Lavigne, William J., Jr., 4,538,422, Cl. 62-201.000.
  - Napolitano, James E.; Bolton, Theodore S.; and McHale, John P., 4,553,405, Cl. 62-262.000.
  - Raymond, Glendon A., 4,494,382, Cl. 62-160.000.
  - Richardson, Patrick L., 4,498,077, Cl. 340-648.000.
  - Schedel, John W.; and Lord, Richard G., 4,523,436, Cl. 62-222.000.
  - Seal, Douglas T.; and Haynes, Charles A., 4,528,441, Cl. 219-532.000.
  - Shelton, Edward B.; Hayes, Richmond S., Jr.; and Kozlowski, Robert M., 4,502,291, Cl. 62-285.000.
  - Smorol, Michael E.; Wituszynski, Michael C.; and Woollis, Theodore L., 4,492,092, Cl. 62-181.000.
  - Stenglein, Paul R., 4,493,499, Cl. 292-158.000.
  - Swain, Roy E.; and Clark, William E., 4,527,734, Cl. 236-49.000.
  - Traver, Darwin G.; Anderson, Carl M.; and Abdelhamid, Amr N., 4,504,188, Cl. 415-1.000.
  - Wellman, Donald C., 4,509,371, Cl. 73-861.000.
  - Wellman, Donald C.; and Clark, William E., 4,549,601, Cl. 165-2.000.
  - Whipple, Charles E., 4,546,820, Cl. 165-77.000.
  - Whitwell, Robert J.; and Schafer, James P., 4,492,091, Cl. 62-180.000.
  - Zinsmeyer, Thomas M., 4,514,991, Cl. 62-209.000.
  - Zinsmeyer, Thomas M., 4,531,375, Cl. 62-85.000.
  - Zinsmeyer, Thomas M., 4,539,820, Cl. 62-201.000.
- Carrington, Donald P.; and MacKay, Andrew D., to Combustion Engineering, Inc. Rotary knife control. 4,497,229, 2-5-85, Cl. 83-76.000.
- Carrington, Harry: *See—*
  - Park, George; Smith, Michael J.; and Carrington, Harry, 4,511,194, Cl. 312-12.000.
- Carrington, Michael R. Pass-blocking sled. 4,508,341, 4-2-85, Cl. 273-55.00R.
- Carris, Bonni S.: *See—*
  - Johannsen, Donald R., 4,538,382, Cl. 51-69.000.
- Carro, Jose; and de Velasco, Frank. Soluble assay. 4,522,922, 6-11-85, Cl. 436-500.000.
- Carroll, Allen M.: *See—*
  - Biechler, Charles S.; Carroll, Allen M.; Graves, Richard E.; and Lyons, Steven A., 4,498,010, Cl. 250-492.200.

Carroll, Curtis E. Rail car dumping system and method. 4,531,877, 7-30-85, Cl. 414-372.000.

Carroll, Frank E. Insulating shutter panels for building openings. 4,495,978, 1-29-85, Cl. 160-117.000.

Carroll, Frank E. Sheet metal structural shape and use in building structures. 4,507,901, 4-2-85, Cl. 52-302.000.

Carroll, Gary T.; and Hunter, Robert D., to B.I. Incorporated. Time and accounting system. 4,549,264, 10-22-85, Cl. 364-406.000.

Carroll, Kenneth M.: *See—*

Ward, William J., III; Ritzer, Alan; Carroll, Kenneth M.; and Flock, John W., 4,500,724, Cl. 556-472.000.

Carroll, Martin J.: *See—*

Fatula, James J., Sr.; and Carroll, Martin J., 4,499,693, Cl. 51-322.000.

Carroll, Noel; and Phelps, Colin J., to Secton Pty. Ltd. Motor lock device. 4,510,405, 4-9-85, Cl. 310-76.000.

Carroll, Noel. Cyclone separator. 4,544,486, 10-1-85, Cl. 210-512.100.

Carroll, Richard A., to Quality Services Incorporated. Paper fastener. 4,525,899, 7-2-85, Cl. 24-67.00P.

Carroll, Robert, to Energy Conversion Devices, Inc. Apparatus and method for detecting tumors. 4,515,165, 5-7-85, Cl. 128-664.000.

Carroll, Robert A. Fire alarm system. 4,521,645, 6-4-85, Cl. 179-5.00R.

Carroll, Robert B.: *See—*

Thompson, Richard T.; Hinkle, Philip; and Carroll, Robert B., 4,550,041, Cl. 428-35.000.

Carroll, Robert G.: *See—*

Moore, George W.; and Carroll, Robert G., 4,499,735, Cl. 60-739.000.

Carroll, Roger W. Cutting tool guide. 4,549,725, 10-29-85, Cl. 266-58.000.

Carroll, Thomas J.; Rubin, Michael; Piccolo, Dominic J.; and Glass, Michael, to Warner-Lambert Company. Process for preparing a non-chalky, organoleptically pleasing chewing gum composition. 4,493,849, 1-15-85, Cl. 426-3.000.

Carroll, Thomas J.; Corsello, Vincent G.; Glass, Michael; and Piccolo, Dominic J., to Warner-Lambert Company. Powdered center-filled chewing gum compositions. 4,513,012, 4-23-85, Cl. 426-5.000.

Carroll, William F., to Secton Pty. Ltd. Folding door. 4,534,395, 8-13-85, Cl. 160-199.000.

Carroll, William G., to Imperial Chemical Industries PLC. Polymer-modified polyols. 4,554,306, 11-19-85, Cl. 524-377.000.

Carroll, William R. Log conveying apparatus. 4,508,149, 4-2-85, Cl. 144-245.00A.

Carroll, William R. Shielded electrical cable system. 4,527,073, 7-2-85, Cl. 307-90.000.

Carron & Company: *See—*

Malicki, Raymond W., 4,553,124, Cl. 338-5.000.

Carrow, Guy E., to Phillips Petroleum Company. Pipe tee. 4,504,086, 3-12-85, Cl. 285-156.000.

Carruthers, James D.: *See—*

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,513,093, Cl. 502-84.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,549,958, Cl. 208-253.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Kmecak, Ronald A.; Kovach, Stephen M.; and Hettinger, William P., Jr., 4,561,968, Cl. 208-120.000.

Carruthers, John, to National Research Development Corporation. Root crop harvester. 4,560,008, 12-24-85, Cl. 171-14.000.

Cars & Concepts, Inc.: *See—*

Draper, David L., 4,514,891, Cl. 29-401.100.

Draper, David L.; and McKee, Gerald D., 4,523,785, Cl. 296-224.000.

Draper, David L.; and McKee, Gerald D., 4,541,665, Cl. 296-218.000.

Draper, David L., 4,560,602, Cl. 428-79.000.

Theodore, Chris P.; and Watson, Ronald E., 4,528,863, Cl. 74-473.00R.

Carsalade, Henri; Delaporte, Francois-Xavier; and Pantani, Jean-Pierre, to International Business Machines Corporation. Signal receiver which indicates the status of the device connected thereto. 4,516,247, 5-7-85, Cl. 375-56.000.

Carson, David G.: *See—*

Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,534, Cl. 371-9.000.

Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,535, Cl. 371-11.000.

Carson, Don B., to UOP Inc. Heat exchanger deposit removal. 4,505,758, 3-19-85, Cl. 134-1.000.

Carson, Don B., to UOP Inc. Hydrogen conservation in hydrogen recycle hydroconversion processes. 4,536,276, 8-20-85, Cl. 208-100.000.

Carson, Don B., to UOP Inc. Utility conservation in hydrogen recycle conversion processes. 4,551,235, 11-5-85, Cl. 208-100.000.

Carson, Donald W.; Penrose, Lee; Leich, Joseph E.; and Caugherty, William C., to Carson Medical Incorporated. Slosh dampening waste receptacle for chairs for care of incontinent persons. 4,550,455, 11-5-85, Cl. 4-480.000.

Carson, Douglas T. Engine. 4,543,919, 10-1-85, Cl. 123-56.0BC.

Carson, James E.: *See—*

Deck, Charles F.; and Carson, James E., 4,547,303, Cl. 252-73.000.

Carson, John C.; and Clark, Stewart A., to Irvine Sensors Corporation. High-density electronic processing package-structure and fabrication. 4,525,921, 7-2-85, Cl. 29-577.00C.

Carson, John C.; and Clark, Stewart A., to Irvine Sensors Corporation. Detector array module-structure and fabrication. 4,551,629, 11-5-85, Cl. 250-578.000.

Carson, John C., Jr.: *See—*

Schebece, Frank; and Carson, John C., Jr., 4,554,097, Cl. 252-542.000.

Carson, Lansing M., to Motorola, Inc. Simplified frequency scheme for coherent transponders. 4,513,447, 4-23-85, Cl. 455-76.000.

Carson, Matthew; LeMahieu, Ronald A.; and Nason, William C., to Hoffmann-La Roche Inc. Phenoxycarboxylic acids. 4,507,498, 3-26-85, Cl. 562-463.000.

Carson Medical Incorporated: *See—*

Carson, Donald W.; Penrose, Lee; Leich, Joseph E.; and Caugherty, William C., 4,550,455, Cl. 4-480.000.

Carson, Robert A.; Fenton, Francis M.; and Jones, David F., to AT&T Information Systems Inc. Call transfer method and circuitry. 4,560,837, 12-24-85, Cl. 179-18.0BD.

Carson, William J., to Koppers Company, Inc. Method and apparatus for applying a multi-component adhesive. 4,493,286, 1-15-85, Cl. 118-677.000.

Carson, William W., to Millipore Corporation. Stabilized apparatus for converting rotational motion to linear motion. 4,526,053, 7-2-85, Cl. 74-424.80C.

Carsonite International Corporation: *See—*

Schmanski, Donald W., 4,511,281, Cl. 404-10.000.

Schmanski, Donald W., 4,516,069, Cl. 324-71.100.

Carstensen, Hans-Peter: *See—*

Krappitz, Heinz; Carstensen, Hans-Peter; and Weinhold, Friedrich, 4,517,829, Cl. 73-49.800.

Carstensen, Jes: *See—*

Nau, Walter; and Carstensen, Jes, 4,537,423, Cl. 280-759.000.

Carstensen, Kenneth J. Thread and bearing lubricant. 4,525,287, 6-25-85, Cl. 252-26.000.

Carstensen, Walter H.: *See—*

Edwards, Ralston G., Jr.; Walkden, John R. B.; Carstensen, Walter H.; Murphy, Gregory E.; and Lisi, John E., 4,507,137, Cl. 65-109.000.

Cartabbia, Giovanni, to Bordogna O. & C., Macpi S.p.A. Machine for ironing collars and cuffs. 4,499,677, 2-19-85, Cl. 38-28.000.

Cartabbia, Giovanni. Trousers ironing machine with automatic trousers pickup. 4,542,601, 9-24-85, Cl. 38-7.000.

Carter, A. Franklin. Animal feed method employing natamycin. 4,536,494, 8-20-85, Cl. 514-31.000.

Carter, Boyd J.: *See—*

Yen, Shiao-Ping S.; Carter, Boyd J.; Shen, David H.; and Somoano, Robert B., 4,550,064, Cl. 429-94.000.

Carter, Carlos R. Apparatus for coating and cutting sheet material. 4,554,886, 11-26-85, Cl. 118-42.000.

Carter, Cecil O., to Phillips Petroleum Company. Surface conditioning in olefin dimerization reactors. 4,538,018, 8-27-85, Cl. 585-512.000.

Carter, Charles G., to Stauffer Chemical Company. N-acyl-N-alkyl hydroxylamine esters of substituted pyridyloxyphenoxy propionic acids and herbicidal methods of use. 4,507,148, 3-26-85, Cl. 71-94.000.

Carter, Charles G.; and Lee, David L., to Stauffer Chemical Company. O-aryloxyphenoxyacyl-α-N,N,-dialkylaminooximes and herbicidal methods of use. 4,554,014, 11-19-85, Cl. 71-94.000.

Carter, Charles R.: *See—*

Ayers, William J., Jr.; Carter, Charles R.; Griffith, Richard A.; Loomis, Richard B.; and Notestein, John E., 4,524,796, Cl. 137-240.000.

Carter, Clyde T., to Sealectro Corporation. Zero insertion force socket. 4,527,850, 7-9-85, Cl. 339-75.00M.

Carter Controls, Inc.: *See—*

Topinka, George F., 4,514,148, Cl. 417-403.000.

Carter, Daniel L.; and Hall, Homer H., to General Electric Company. Pistol grip electrical brazing tool. 4,493,986, 1-15-85, Cl. 219-85.00D.

Carter, David C. M.: *See—*

Applegate, Barry G.; Carter, David C. M.; and Heybourn, Frank, 4,560,057, Cl. 198-347.000.

Carter, David J.: *See—*

Wasserman, Gary L.; and Carter, David J., 4,497,671, Cl. 148-16.000.

Carter, Dennis L.: *See—*

Fedde, Chris D.; and Carter, Dennis L., 4,506,385, Cl. 455-226.000.

Carter, Don E.; and Yuen, Henry K., to Monsanto Company. Thermal energy storage system. 4,508,101, 4-2-85, Cl. 126-436.000.

Carter, Donald. Lifting device. 4,504,088, 3-12-85, Cl. 294-65.500.

Carter, Donald F., to Foto, Anthony J. Tape cassette holder. 4,549,775, 10-29-85, Cl. 312-15.000.

Carter, Donald L., to International Business Machines Corporation. Vacuum-to-vacuum entry system apparatus. 4,544,317, 10-1-85, Cl. 414-217.000.

Carter, Duane E.; and Jucha, Rhett B., to Texas Instruments Incorporated. Two-step plasma process for selective anisotropic etching of polycrystalline silicon without leaving residue. 4,502,915, 3-5-85, Cl. 156-643.000.

Carter, Eric L.; and Ward, Harold T., to International Business Machines Corporation. Circuit apparatus for generating modulus-N residues. 4,555,769, 11-26-85, Cl. 364-746.000.

Carter, Ernest E., Jr., to Halliburton Services. Annular sample chamber, full bore, APR ® sampler. 4,502,537, 3-5-85, Cl. 166-162.000.

Carter, Frank D. Scuba tank positioner. 4,555,083, 11-26-85, Cl. 248-313.000.

Carter, Garry L.; and Weeks, Vaughan B., to Medical Engineering Corporation. Toilet mounted urine flow meter. 4,554,687, 11-26-85, Cl. 4-144.200.

Carter, Gary M.; Chen, Yung-Jui; and Tripathy, Sukant K., to GTE Automatic Electric Laboratories Incorporated. Optical waveguide coupling device. 4,531,809, 7-30-85, Cl. 350-96.190.

Carter, J. Warne, to Ameron, Inc. Apparatus for longitudinally reinforcing continuously generated plastic pipe. 4,541,887, 9-17-85, Cl. 156-431.000.

Carter, J. Warne, Jr.; and Carter, J. Warne, Sr., to Carter Wind Power. Wind-driven generator apparatus. 4,522,561, 6-11-85, Cl. 416-11.000.

Carter, J. Warne, Jr.; and Carter, J. Warne, Sr., to Carter Wind Power. Wind-driven generator apparatus. 4,522,564, 6-11-85, Cl. 416-140.000.

Carter, J. Warne, Sr., to Ameron, Inc. Couplings for non-ferrous pipe. 4,537,426, 8-27-85, Cl. 285-110.000.

Carter, J. Warne, Sr.: *See—*
- Carter, J. Warne, Jr.; and Carter, J. Warne, Sr., 4,522,561, Cl. 416-11.000.
- Carter, J. Warne, Jr.; and Carter, J. Warne, Sr., 4,522,564, Cl. 416-140.000.

Carter, James H.; Ledis, Stephen L.; and Crews, Harold R., to Coulter Electronics, Inc. Multi-purpose blood diluent and lysing agent for differential determination of lymphoid-myeloid population of leukocytes. 4,521,518, 6-4-85, Cl. 436-10.000.

Carter, James H.; Ledis, Stephen L.; Crews, Harold R.; Sena, Ted; and Larsen, Fred L., to Coulter Electronics, Inc. Multi-purpose blood diluent and lysing agent for differential determination of lymphoid-myeloid population of leukocytes. 4,528,274, 7-9-85, Cl. 436-10.000.

Carter, James H.: *See—*
- Rozner, Alexander G.; Lenko, Daniel S.; and Carter, James H., 4,495,848, Cl. 89-1.100.

Carter, James L.: *See—*
- Fung, Shun C.; Weissman, Walter; Carter, James L.; and Kmak, Walter S., 4,491,635, Cl. 502-37.000.
- McVicker, Gary B.; Carter, James L.; Murrell, Lawrence L.; and Ziemiak, John J., 4,522,928, Cl. 502-26.000.

Carter, John H., to United Kingdom Atomic Energy Authority. Anti-corrosion treatment process. 4,526,626, 7-2-85, Cl. 148-6.14R.

Carter, John L.; Markowsky, George; and Wegman, Mark N., to International Business Machines Corporation. Method and apparatus for performing hashing operations using Galois field multiplication. 4,538,240, 8-27-85, Cl. 364-754.000.

Carter, John P., Jr.; and Wolgemuth, Richard L., to Adria Laboratories, Inc. 1,4-dimethoxy naphthalenecarboxamide anticonvulsants. 4,540,814, 9-10-85, Cl. 564-172.000.

Carter, Larry D., to Oy Fiskars AB. Hand-held dual knife sharpener. 4,494,340, 1-22-85, Cl. 51-214.000.

Carter, Larry D.; and Call, Daniel D., to Oy Fiskars AB. Blade sharpener insert for knife scabbard. 4,502,218, 3-5-85, Cl. 30-138.000.

Carter, Larry D., to Oy Fiskars AB. Knife sharpener and mounting bracket therefor. 4,502,254, 3-5-85, Cl. 51-214.000.

Carter, Lee T. Collapsible electric golf cart. 4,538,696, 9-3-85, Cl. 180-19.300.

Carter, Leewood C.; and Neary, Robin P., to Book Covers Inc. Protective cover for books. 4,527,814, 7-9-85, Cl. 281-31.000.

Carter, Linda G., to Du Pont de Nemours, E. I., and Company. Substituted sulfonamides 1,3-benzodioxole. 4,502,882, 3-5-85, Cl. 71-93.000.

Carter, Mark S.; and Ritter, Jim. Truck bed liner. 4,505,508, 3-19-85, Cl. 296-39.00R.

Carter, Marshall C.: *See—*
- Keel, Frederick; Townsend, Keith G.; and Carter, Marshall C., 4,502,299, Cl. 66-14.000.

Carter, Michael J., to Tocco, Inc. Inductor and method of making same. 4,535,211, 8-13-85, Cl. 219-10.49R.

Carter, Michael R.: *See—*
- Cumberton, John; Foster, Alun E.; Rae, Alexander S.; Fernandes, Vernon J.; and Carter, Michael R., 4,493,082, Cl. 371-43.000.

Carter, Moira A.; and Barrell, Kenneth, to BIP Chemicals Limited. Filled thermoplastics. 4,562,215, 12-31-85, Cl. 523-220.000.

Carter, Neil A.; and Mott, Richard A., to Owens-Corning Fiberglas Corporation. Residential wall construction. 4,490,955, 1-1-85, Cl. 52-30.140.

Carter, Orvil L. Vibrating earth ripping apparatus. 4,506,740, 3-26-85, Cl. 172-40.000.

Carter, Phillis J.: *See—*
- Kemp, Gail W., 4,558,669, Cl. 123-233.000.

Carter, Phyllis J.: *See—*
- Kemp, Gail W., 4,516,921, Cl. 418-141.000.

Carter, R. S. Trouser support system. 4,498,201, 2-12-85, Cl. 2-312.000.

Carter, Richard L., Sr. Motorcycle convertible top. 4,560,196, 12-24-85, Cl. 296-102.000.

Carter, Russell P., Jr., to Mobay Chemical Corporation. Polycarbonate compositions containing powdered sulfates. 4,510,196, 4-9-85, Cl. 428-220.000.

Carter, Russell P., Jr.: *See—*
- Chung, James Y. J.; Carter, Russell P., Jr.; and Neuray, Dieter, 4,554,315, Cl. 525-67.000.

Carter, Russell W., to Corn States Metal Fabricators, Inc. Valve unit for a mold vent. 4,492,554, 1-8-85, Cl. 425-383.000.

Carter, Steve F.: *See—*
- Beales, Keith J.; Carter, Steve F.; Partington, Sally; and France, Paul W., 4,539,033, Cl. 65-134.000.

Carter, Steven F.: *See—*
- Partington, Sally; and Carter, Steven F., 4,552,850, Cl. 501-37.000.

Carter, Thomas P.; Schinner, Edward N.; Harrison, Richard H., Jr.; and Cates, Robert E., to Baltimore Aircoil Company, Inc. Serpentine film fill packing for evaporative heat and mass exchange. 4,518,544, 5-21-85, Cl. 261-112.000.

Carter, Thomas P.: *See—*
- Cates, Robert E.; Harrison, Richard H., Jr.; and Carter, Thomas P., 4,530,804, Cl. 261-30.000.

Carter, Timothy J. N.; and Dahne, Claus, to Battelle Memorial Institute. Ellipsometrically measuring rate of optical change in immunoassay. 4,508,832, 4-2-85, Cl. 436-517.000.

Carter-Wallace, Inc.: *See—*
- Kim, Miwon S., 4,534,973, Cl. 514-162.000.
- Kim, Miwon S., 4,534,974, Cl. 514-161.000.
- Sisbarro, Frederick P., 4,551,093, Cl. 432-59.000.

Carter, William A., to Hem-Sub, Inc. Interferon and interferon inducers combined with tobacco products. 4,498,485, 2-12-85, Cl. 131-331.000.

Carter, William A.: *See—*
- Kim, Yong-Wu; Coduti, Phillip L.; Sok, Brian A.; and Carter, William A., 4,500,561, Cl. 427-25.000.

Carter, William M.; and Rodgers, John M. Powered cart mounted cable puller. 4,497,470, 2-5-85, Cl. 254-134.3FT.

Carter, William R., to Western Gear Corporation. Airborne stores arming trigger unit. 4,528,890, 7-16-85, Cl. 89-1.550.

Carter, William R., to Western Gear Corporation. Hydraulic ejector. 4,552,327, 11-12-85, Cl. 244-137.00R.

Carter Wind Power: *See—*
- Carter, J. Warne, Jr.; and Carter, J. Warne, Sr., 4,522,561, Cl. 416-11.000.
- Carter, J. Warne, Jr.; and Carter, J. Warne, Sr., 4,522,564, Cl. 416-140.000.

Cartier, Francis R.; Stager, David N.; and Acker, Roy M., to United States of America, Army. Exoatmospheric calibration sphere. 4,527,619, 7-9-85, Cl. 165-41.000.

Cartier, Michel; and Cros, Georges to Centre Stephanois de Recherches Mecaniques et Frottement. Organic filler of animal origin to be used in the preparation of friction materials offering a very low rate of wear. 4,491,542, 1-1-85, Cl. 260-123.700.

Cartier, Roger J.; Cuthbert, Victor W.; and Mason, Anthony, to Whirlpool Corporation. Suds return valve for automatic washers. 4,495,960, 1-29-85, Cl. 137-122.000.

Cartmell, James V., to NDM Corporation. Medical electrode assembly. 4,543,958, 10-1-85, Cl. 128-640.000.

Cartner, Jack O. Trailing wing mower with hydraulic breakaway system. 4,495,754, 1-29-85, Cl. 56-11.900.

Cartner, Jack O. Hydraulic mower head orienting apparatus for boom mowers. 4,502,269, 3-5-85, Cl. 56-15.500.

Cartner, Jack O. Hydraulic breakaway system for mobile cutting apparatus. 4,506,464, 3-26-85, Cl. 37-91.000.

Cartwright, David, to Imperial Chemical Industries PLC. 2,3-dichloro-5-trichloromethylpyridine. 4,508,907, 4-2-85, Cl. 546-345.000.

Cartwright, David, to Imperial Chemical Industries PLC. Process for preparing 2,3-dichloro-5-trichloromethylpyridine. 4,555,575, 11-26-85, Cl. 546-345.000.

Cartwright, Earl. Aerodynamically stable surface riding weedless fishing lure. 4,542,607, 9-24-85, Cl. 43-42.520.

Cartwright, James M., Jr., to RCA Corporation. Programmable logic gates and networks. 4,495,427, 1-22-85, Cl. 307-469.000.

Cartwright, John S.; and Hurst, Jerry C., to AT&T Technologies, Inc. Method and apparatus for securing articles in place on a substrate. 4,545,761, 10-8-85, Cl. 432-5.000.

Cartwright, Neil B. Photographic processing apparatus including a rocking platform and a rolling developing tank. 4,511,230, 4-16-85, Cl. 354-299.000.

Cartwright, Richard V., to Hercules Incorporated. Invert emulsion explosives containing a one-component oil phase. 4,523,967, 6-18-85, Cl. 149-2.000.

Cartwright, Richard V., to Hercules Incorporated. Sensitization of water-in-oil emulsion explosives. 4,547,232, 10-15-85, Cl. 149-2.000.

Cartwright, William F.: *See—*
- Selke, William A.; and Cartwright, William F., 4,542,755, Cl. 131-370.000.

Carty, Michael W.; and Kraus, Guenther M., to Combustion Engineering, Inc. Method of manufacturing a wear resistant pipe. 4,554,721, 11-26-85, Cl. 29-416.000.

Cartz, Louis; Weiss, Arnold; Schutten, Herman P.; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased (by Wackman, Connie M., personal representative), to Eaton Corporation. Laser beam plasma pinch X-ray system. 4,504,964, 3-12-85, Cl. 378-119.000.

Cartz, Louis: *See—*
- Weiss, Arnold; Schutten, Herman P.; Cartz, Louis; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,536,884, Cl. 378-119.000.

Carucci, James: *See—*
- Clark, William E.; and Carucci, James, 4,533,080, Cl. 236-49.000.

Carus, Edmund H.; and White, Eric F. T., to Vernon-Carus Limited. Radio opaque fibre. 4,517,793, 5-21-85, Cl. 57-243.000.

Carusillo, Steven J., to Johnson Service Company. Linearized capacitive pressure transducer. 4,542,436, 9-17-85, Cl. 361-283.000.

Carusillo, Steven J., to Johnson Service Company. Apparatus and method determining the value of a capacitance. 4,558,274, 12-10-85 Cl. 324-60.0CD.

Caruso, Anthony M. Firing mechanism. 4,506,606, 3-26-85, Cl. 102-487.000.

Caruso, Anthony M. Hand grenade safety device. 4,513,667, 4-30-85 Cl. 102-487.000.

Caruso, Anthony M. Anti-personnel fragmentation liner. 4,515,083 5-7-85, Cl. 102-493.000.

Caruso, Bart P.: *See—*

Laws, Harold H.; Caruso, Bart P.; and Hascall, James G., 4,523,364, Cl. 29-33.00S.

Caruso, Fred A.: *See—*

Long, Robert B.; and Caruso, Fred A., 4,493,765, Cl. 208-309.000.

Caruso, Peter J., to Allied Corporation. High reliability solenoid switch. 4,502,030, 2-26-85, Cl. 335-164.000.

Caruso, Richard. Hair curler. 4,510,953, 4-16-85, Cl. 132-40.000.

Caruso, Richard. Steamable hair curler. 4,526,184, 7-2-85, Cl. 132-39.000.

Caruthers, Marvin H.; and Matteucci, Mark D., to University Patents, Inc. Nucleosides useful in the preparation of polynucleotides. 4,500,707, 2-19-85, Cl. 536-27.000.

Carvalette Services Africa (Proprietary) Limited: *See—*

Davis, Bender A.; and Louw, Hendrik A., 4,533,173, Cl. 296-216.000.

Carvalho, John A., to RCA Corporation. Multiple input voltage power controller. 4,540,892, 9-10-85, Cl. 307-130.000.

Carvalho, Robert I.: *See—*

Oliver, Brian H.; Blinn, Harold A.; and Carvalho, Robert I., 4,547,422, Cl. 428-286.000.

Carvel Corporation: *See—*

Carvel, Thomas, 4,508,933, Cl. 174-67.000.

Carvel, Thomas, to Carvel Corporation. Electric outlet cover. 4,508,933, 4-2-85, Cl. 174-67.000.

Carver, Herman C. Downhole retrieval tool. 4,537,435, 8-27-85, Cl. 294-86.100.

Carver, John H., to Rockwell International Corporation. Asymmetrical time division matrix apparatus. 4,500,986, 2-19-85, Cl. 370-58.000.

Carver, Michael J., to United States of America, Navy. Thermal microstructure measurement system. 4,557,608, 12-10-85, Cl. 374-170.000.

Carver, Richard D.: *See—*

Gosling, Ian G.; and Carver, Richard D., 4,560,965, Cl. 333-219.000.

Carver, Robert J.: *See—*

Welsch, John H.; Chapko, John J.; and Carver, Robert J., 4,509,805, Cl. 312-210.000.

Carver, Thomas G., to BASF Wyandotte Corporation. Elastomer based on crude diphenylmethane diisocyanate and aniline in the RIM process. 4,550,153, 10-29-85, Cl. 528-49.000.

Carveth, Peter: *See—*

Stone, Albert; Pyde, Edwin; and Carveth, Peter, 4,496,046, Cl. 206-219.000.

Stone, Albert; Pyde, Edwin; and Carveth, Peter, 4,519,499, Cl. 206-219.000.

Carville, James G., to Alco Foodservice Equipment Company. Toaster. 4,503,758, 3-12-85, Cl. 99-329.0RT.

Cary, Allan P. Device for removing debris from gutters. 4,542,553, 9-24-85, Cl. 15-236.00R.

Carydias, Roger; and Pacradouni, Chahan. Handling system for precast units. 4,512,121, 4-23-85, Cl. 52-125.200.

Casada, James H.: *See—*

Swetnam, Larry D.; Casada, James H.; and Walton, Linus R., 4,540,054, Cl. 172-292.000.

Casadio, Silvano: *See—*

Nardi, Dante; Motta, Gianni; Testa, Rodolfo; Graziani, Gabriele; and Casadio, Silvano, 4,507,308, Cl. 514-313.000.

Nardi, Dante; Tajana, Alberto; Pennini, Renzo; Cazzulani, Pietro; Graziani, Gabriele; and Casadio, Silvano, 4,550,115, Cl. 514-320.000.

Ribalta, Jose Miguel B.; Bruseghini, Leonida; Casadio, Silvano; and Iniesta, Jorge P., 4,495,199, Cl. 514-467.000.

Casady, Kent B.: *See—*

Batchelder, Clarence F.; Thomas, Charles E.; and Casady, Kent B., 4,557,178, Cl. 91-367.000.

Casagrande, Cesare: *See—*

Tricerri, Silvia Z.; Casagrande, Cesare; De Marchi, Franco; and Nicola, Massimo, 4,508,719, Cl. 514-236.000.

Vecchietti, Vittorio; Ferrari, Giorgio; and Casagrande, Cesare, 4,528,296, Cl. 514-346.000.

Casals-Stenzel, Jorge: *See—*

Bittler, Dieter; Laurent, Henry; Nickisch, Klaus; Weichert, Rudolf; and Casals-Stenzel, Jorge, 4,542,128, Cl. 514-177.000.

Nickolson, Robert; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; and Haberey, Martin, 4,532,236, Cl. 514-184.000.

Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; Schillinger, Ekkehard; Mannesmann, Gerda; and Nieuweboer, Bob, 4,497,830, Cl. 514-277.000.

Casamassima, Mario: *See—*

Guscott, John K.; and Casamassima, Mario, 4,546,344, Cl. 340-501.000.

Casarcia, Dominick A. Ultrasonic bolt tensioner. 4,530,143, 7-23-85, Cl. 29-407.000.

Casas, Antonio V., to Prodes, S.A. 2-[(2,6-dichlorophenyl)amino]-phenylacetoxyacetyl derivatives and therapeutic compositions containing same. 4,548,952, 10-22-85, Cl. 514-533.000.

Casat Technology, Inc.: *See—*

Yu, Hong; and Kwok, Sai W., 4,496,979, Cl. 358-197.000.

Casati, Francois M.: *See—*

Carlsen, Russell O.; Casati, Francois M.; and Raden, Daniel S., 4,500,654, Cl. 521-129.000.

Casazza, Anna M.: *See—*

Bargiotti, Alberto; Penco, Sergio; and Casazza, Anna M., 4,522,815, Cl. 514-34.000.

Casberg, John M., to Olin Corporation. Pool chemical tablet and container. 4,546,503, 10-15-85, Cl. 4-496.000.

Cascade Engineering, Inc.: *See—*

Keller, Frederick P.; and Zwiep, Theodore C., 4,496,332, Cl. 464-89.000.

Cascade Steel Rolling Mills, Inc.: *See—*

Caywood, Clayton D.; and Bogh, Ronald L., 4,536,989, Cl. 47-46.000.

Cascallana, Raul S. Amphibious vehicle. 4,559,892, 12-24-85, Cl. 114-270.000.

CasChem, Inc.: *See—*

Brauer, Melvin; and Simone, Dominic, 4,535,142, Cl. 528-75.000.

Downey, William J.; and Brauer, Melvin, 4,533,598, Cl. 428-380.000.

Casci, John L.; Lowe, Barrie M.; and Whittam, Thomas V., to Imperial Chemical Industries PLC. Zeolite and process for preparing the same. 4,528,171, 7-9-85, Cl. 423-277.000.

Casci, John L.; Lowe, Barrie M.; and Whittam, Thomas V., to Imperial Chemical Industries PLC. Zeolite EU-1 and a method of making zeolite EU-1. 4,537,754, 8-27-85, Cl. 423-277.000.

Casciani, James R., to Hewlett-Packard Company. Uniaxially collimated light source for optical shaft angle encoders. 4,508,965, 4-2-85, Cl. 250-231.0SE.

Cascini, Michael R., to Rockwell International Corporation. Torque limiting fastener. 4,512,697, 4-23-85, Cl. 411-7.000.

Cascini, Michael R., to Rockwell International Corporation. Contrast enhanced liquid crystal display. 4,516,834, 5-14-85, Cl. 350-335.000.

Cascini, Michael R.: *See—*

Fredrickson, Lee R.; Cascini, Michael R.; and Mosier, Donald E., 4,518,225, Cl. 350-338.000.

Mosier, Donald E.; and Cascini, Michael R., 4,555,625, Cl. 250-231.0SE.

Cascio, Giuseppe: *See—*

Manghisi, Elso; and Cascio, Giuseppe, 4,533,748, Cl. 562-401.000.

Casciotti, Albert; McCleerey, Earl W.; and Cosmos, Pete, to AMP Incorporated. Woven cable connector. 4,508,401, 4-2-85, Cl. 339-14.00R.

Casco Products Corporation: *See—*

Lupoli, Peter J.; and Comerford, John J., 4,544,226, Cl. 339-130.00R.

Cascone, Paul J., to Pennwalt Corporation. Non-staining palladium based dental alloy. 4,526,750, 7-2-85, Cl. 420-463.000.

Cascone, Paul J., to Pennwalt Corporation. Low gold dental alloys. 4,539,176, 9-3-85, Cl. 420-463.000.

Cascone, Ronald F.; and Solomon, C. Ashley, to Halcon SD Group, Inc., The. Method for the production of variable amounts of power from syngas. 4,524,581, 6-25-85, Cl. 60-39.020.

Case, Allen W., Jr.; and Peroutky, Donald C., to General Electric Company. Gas metal arc welding torch with vision system. 4,521,670, 6-4-85, Cl. 219-130.010.

Case, Allen W., Jr.; Ringwall, Carl G.; and Pollick, Michael L., to General Electric Company. Microvector control for edge and joint following. 4,542,279, 9-17-85, Cl. 219-124.340.

Case, Arnold A.: *See—*

Brubaker, Weldon L.; and Case, Arnold A., 4,538,872, Cl. 339-97.00P.

Case, Edward M.; and Hopper, Chester S., to Marlo Company Incorporated, The. Packing material. 4,559,862, 12-24-85, Cl. 87-1.000.

Case, Michael A.; Mattison, Glenn D.; and Counterman, Wayne S., to Air Preheater Company, Inc., The. Plurality of tubular heat exchanger modules. 4,548,261, 10-22-85, Cl. 165-82.000.

Case, Robert F.: *See—*

Roes, John B.; Kelly, Guy M.; Case, Robert F.; and Deming, Chandler R., 4,535,892, Cl. 209-3.300.

Case, Steven K., to University of Minnesota, Regents of the. Holographic method for producing desired wavefront transformations. 4,547,037, 10-15-85, Cl. 350-3.750.

Case, Wayne A. Downhole tool with replaceable tool sleeve sections. 4,549,613, 10-29-85, Cl. 175-325.000.

Case Western Reserve University: *See—*

Ko, Wen H.; and Leung, Albert M., 4,519,401, Cl. 118-748.000.

Case, William E.: *See—*

Eden, Dayton D.; and Case, William E., 4,528,525, Cl. 332-7.510.

Case, William R.; and Johnson, Wildey E., to International Business Machines Corporation. Method and apparatus for measuring thickness of epitaxial layer by infrared reflectance. 4,555,767, 11-26-85, Cl. 364-563.000.

Casebolt, Barion: *See—*

Haynes, Nolan F., 4,531,481, Cl. 123-44.00R.

Casebolt, James E., Jr.: *See—*

Haynes, Nolan F., 4,531,481, Cl. 123-44.00R.

Caseley, Jane R., to Windleshaw Enterprises Limited. Filter for reducing the toxic effects of cigarette tobacco smoke. 4,532,947, 8-6-85, Cl. 131-331.000.

Caselgrandi, Ivo; and Palmieri, Beniamino. Syringe for use in hypodermic biopsy, featuring automatic plunger-return. 4,542,749, 9-24-85, Cl. 128-752.000.

Casella, Linda J., to Corning Glass Works. Use of hydrolyzed whey products in fermented sausages. 4,492,712, 1-8-85, Cl. 426-59.000.

Casella, Linda J., to Corning Glass Works. Use of hydrolyzed whey products in comminuted meat products. 4,492,715, 1-8-85, Cl. 426-646.000.

Casella, Sharon: *See—*

Chu, George; and Casella, Sharon, 4,501,306, Cl. 141-94.000.

Cases, Moises; Kraft, Wayne R.; Stahl, William L., Jr.; and Thoma, Nandor G., to International Business Machines Corporation. Logic performing cell for use in array structures. 4,500,800, 2-19-85, Cl. 307-468.000.

Casey, Adria C.; Adler, Alan D.; and Premuzic, Eugene T., to New England Institute, Inc., The. Methods of stimulating host defense system with coenzymes Q_4 to Q_{13}. 4,525,350, 6-25-85, Cl. 424-94.000.

Casey, Don W. Locking cap for oil storage tank. 4,544,076, 10-1-85, Cl. 220-210.000.

Casey, Gary L., to Allied Corporation. Vacuum operated idle speed control device. 4,510,904, 4-16-85, Cl. 123-339.000.

Casey, Gary L., to Allied Corporation. Liquified petroleum gas carburetor. 4,545,356, 10-8-85, Cl. 123-527.000.

Casey, Gary L., to Allied Corporation. Low cost unitized fuel injection system. 4,552,311, 11-12-85, Cl. 239-585.000.

Casey, Gary L.: *See—*
Brooks, Mark A.; Tomala, Ambrose; and Casey, Gary L., 4,545,339, Cl. 123-145.00A.

Casey, J. Eisirt: *See—*
Conway, Paul; Melody, David P.; Woods, John; Casey, J. Eisirt; Bolger, Bernard J.; and Martin, Francis R., 4,533,446, Cl. 204-159.240.

Casey, Morton P., Jr.: *See—*
Komanduri, Ranga; Ettinger, Robert H.; Casey, Morton P., Jr.; and Reed, William R., Jr., 4,515,047, Cl. 82-1.00C.

Casey, Richard G.; and Friedman, Theodore D., to International Business Machines Corporation. Adaptive facsimile compression using a dynamic extendable decision network. 4,499,596, 2-12-85, Cl. 382-37.000.

Casey, Steven M. Barrier structure. 4,496,264, 1-29-85, Cl. 404-6.000.

Casey, Steven M. Method for making barrier structure. 4,553,875, 11-19-85, Cl. 404-6.000.

Casey, Thomas J. Apparatus and method for the treatment of organic wastes. 4,521,310, 6-4-85, Cl. 210-603.000.

Cash, Carlton H., to Georgia Tech Research Institute. RF interferometer/Doppler target location system. 4,509,052, 4-2-85, Cl. 343-418.000.

Cash, David A.: *See—*
Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.

Cash Engineering Co. Pty. Ltd.: *See—*
Cash, John; and Kitchener, John A., 4,531,955, Cl. 55-185.000.
Cash, John; and Kitchener, John A., 4,549,856, Cl. 417-295.000.

Cash, Gordon G., to Olin Corporation. Paper sizing composition and method. 4,551,200, 11-5-85, Cl. 162-135.000.

Cash, Gordon G., to Olin Corporation. Paper sizing composition and method. 4,551,201, 11-5-85, Cl. 162-158.000.

Cash, John; and Kitchener, John A., to Cash Engineering Co. Pty. Ltd. Flooded compressor separators. 4,531,955, 7-30-85, Cl. 55-185.000.

Cash, John; and Kitchener, John A., to Cash Engineering Co. Pty. Ltd. Compressor control system. 4,549,856, 10-29-85, Cl. 417-295.000.

Cash, L. Dale: *See—*
Nash, Ronald S.; and Cash, L. Dale, 4,557,021, Cl. 19-80.00R.

Cash, Walter, Jr.: *See—*
Watrous, Howard N.; Cash, Walter, Jr.; and Dixon, Weldon R., 4,547,114, Cl. 414-81.000.

Cashin Systems Corp.: *See—*
Dennis, Edmund G., 4,548,108, Cl. 83-27.000.
Spooner, Robert J.; and Dillon, Oscar W., 4,545,447, Cl. 177-165.000.

Cashmere, Raymond, to Adventure Plastics Pty. Ltd. Hull construction. 4,538,540, 9-3-85, Cl. 114-288.000.

Cashmere, Raymond A., to Luckit Pty. Limited. Toboggan. 4,561,664, 12-31-85, Cl. 280-18.000.

Cashwell, Miles L.; and Peterman, Worthy D., to Cagles', Inc. Breast processor. 4,536,919, 8-27-85, Cl. 17-11.000.

Casile, Jean P. Pericardiac circulatory assistance device. 4,506,658, 3-26-85, Cl. 128-1.00D.

Casilli, Joseph C.; Gibson, Lawrence; and Hessler, William D., to International Telephone and Telegraph Corporation. Valve arrangement for an air-operated diaphragm pump. 4,494,574, 1-22-85, Cl. 137-625.600.

Casilli, Joseph C., to International Telephone and Telegraph Corporation. Air-operated diaphragm pump and a valve arrangement therefor. 4,555,222, 11-26-85, Cl. 417-393.000.

Casilli, Joseph C., to ITT Corporation. Pulsation damper. 4,556,087, 12-3-85, Cl. 138-30.000.

Casimir Kast GmbH & Co. KG: *See—*
Reppel, Werner; and Overlack, Claus, 4,500,378, Cl. 156-160.000.

Casino Technology: *See—*
Glinka, John; and Fish, Leonard A., 4,534,373, Cl. 133-5.00R.

Casio Computer Co., Ltd.: *See—*
Hanzawa, Koutarou, 4,538,496, Cl. 84-1.260.
Haruhara, Kazuyoshi, 4,508,462, Cl. 400-70.000.
Hirasawa, Yukinori; and Kameda, Osamu, 4,562,478, Cl. 358-236.000.
Ishida, Hideaki, 4,499,807, Cl. 84-1.030.
Ishii, Hiroshi, 4,522,100, Cl. 84-1.030.
Kameda, Osamu; and Fuse, Takahiro, 4,523,232, Cl. 358-236.000.
Kaneko, Youji, 4,535,669, Cl. 84-1.260.
Kashio, Toshio, 4,515,056, Cl. 84-1.010.
Kita, Kazunori, 4,525,075, Cl. 368-10.000.
Kobayashi, Saburo, 4,499,554, Cl. 364-900.000.
Mitarai, Tsuyoshi, 4,534,257, Cl. 84-1.030.
Morikawa, Shigenori, 4,502,359, Cl. 84-1.190.
Ohno, Hiroko, 4,561,338, Cl. 84-1.030.
Sakurai, Keiichi; Ishida, Hideaki; and Hanzawa, Kohtaro, 4,537,110, Cl. 84-1.260.
Sato, Kunio, 4,538,495, Cl. 84-1.190.
Sunada, Takuya, 4,506,581, Cl. 84-1.100.
Tahara, Iwao, 4,510,485, Cl. 340-323.00R.
Takashima, Susumu; Kanke, Takao; Inagaki, Naoki; and Fukushima, Kazumasa, 4,541,111, Cl. 381-51.000.
Takeuchi, Eiichi; and Hara, Kazuya, 4,558,427, Cl. 364-708.000.
Tsuzuki, Hanzo, 4,502,119, Cl. 364-405.000.
Usui, Minoru, 4,504,829, Cl. 340-756.000.
Yamada, Shigeru, 4,533,825, Cl. 235-463.000.
Yoshida, Takao, 4,491,324, Cl. 273-85.00G.
Yuzawa, Keiji, 4,539,882, Cl. 84-1.030.

Casket Shells, Inc.: *See—*
Semon, Joseph R., 4,555,119, Cl. 277-207.00R.
Semon, William J., 4,523,358, Cl. 27-6.000.

Caslavsky, Jaroslav L.; Lavoie, Gerald H.; Earle, William H.; and Viechnicki, Dennis J., to United States of America, Army. Furnace for vertical solidification of melt. 4,510,609, 4-9-85, Cl. 373-110.000.

Casler, William A.: *See—*
Saurenman, Phillip E.; and Casler, William A., 4,538,647, Cl. 138-166.000.

Caslin, Richard L.: *See—*
Breeden, Kenneth S., 4,493,437, Cl. 222-82.000.
Gaither, John L., 4,550,553, Cl. 56-202.000.
Vaughn, James N., 4,498,238, Cl. 33-1.00K.

Casma di V. Mariononi & Figli: *See—*
Marinoni, Mario, 4,491,355, Cl. 292-263.000.

Casner, Kenneth H., to Casner, Kenneth H. Method and apparatus for private branch exchange billing. 4,517,411, 5-14-85, Cl. 179-7.00R.

Cason, Charles K.: *See—*
Hoffstetter, Armand C. L.; and Cason, Charles K., 4,549,729, Cl. 270-53.000.

Cason, William C.: *See—*
Advani, Hira; and Cason, William C., 4,498,142, Cl. 364-900.000.

Caspar, Wolfhard; and Lutze, Theodor, to Aesculap-Werke Aktiengesellschaft. Osteosynthesis plate. 4,503,848, 3-12-85, Cl. 128-92.00D.

Caspari, Fred W., to Magnavox Consumer Electronics Company. Microprocessor controlled system for decoding serial data into parallel data for execution. 4,517,683, 5-14-85, Cl. 375-117.000.

Caspari, Gunter J.; and Lindberg, Steven E., to Standard Oil Company (Indiana). Stabilization of phosphorodithioic acid diesters. 4,496,495, 1-29-85, Cl. 260-989.000.

Caspari, Richard B.; Whipple, Terry L.; and Thimsen, James A., to Precision Surgical Instruments, Inc. Thigh restraining apparatus and method. 4,549,540, 10-29-85, Cl. 128-133.000.

Casparian, Robert E.: *See—*
Greenfield, Charles; Casparian, Robert E.; and Bonanno, Anthony J., 4,518,458, Cl. 159-47.100.

Casper, James A. Dental analyzer. 4,521,187, 6-4-85, Cl. 433-72.000.

Casper, John M.: *See—*
Adams, Gary E.; Casper, John M.; and Gritter, Roy J., 4,552,723, Cl. 422-66.000.

Casper, Mark S.; Downing, Richard S.; Steidel, Leonard R.; and Braungart, Robert E., to Moore Business Forms, Inc. Form burster. 4,529,114, 7-16-85, Cl. 225-100.000.

Casper, Paul W.: *See—*
Bent, Rodney B.; and Casper, Paul W., 4,543,580, Cl. 343-460.000.

Casper, Rudolf; Wendling, Peter; Konter, Wolfgang; Pampus, Gottfried; and Hohmann, Gerhard, to Bayer Aktiengesellschaft. Polymerizing phenothiazine stabilizer chloroprene in the presence of an initiator comprising sodium dithionate. 4,525,561, 6-25-85, Cl. 526-220.000.

Caspers, Friedhelm, to Elektro-Physik & Erich Steingroever. Method and apparatus for the electronic measurement of the thickness of very thin electrically conductive films on a nonconductive substrate. 4,492,915, 1-8-85, Cl. 324-58.50R.

Caspers, Friedhelm: *See—*
Rohde, Thomas; and Caspers, Friedhelm, 4,520,308, Cl. 324-58.50R.

Caspersen, Leif: *See—*
Iannicelli, Joseph; Caspersen, Leif; Hansen, Jan M.; and Pedersen, Sven, 4,552,734, Cl. 423-230.000.

Caspersen, Leif D.; Felsvang, Karsten S.; and Schwartzbach, Christian, to A/S Niro Atomizer. Process for desulfurization of hot waste gas. 4,560,543, 12-24-85, Cl. 423-242.000.

Caspersen, Leif D.: *See—*
Iannicelli, Joseph; Caspersen, Leif D.; Hansen, Jan M.; and Moller, Jens C. T., 4,552,735, Cl. 423-224.000.

Casperson, John R.; and Hann, Paul D., to Phillips Petroleum Company. Process for production of carbon black. 4,520,000, 5-28-85, Cl. 423-456.000.

Cass, James L., to Perkins Research & Mfg. Co., Inc. Cable test apparatus. 4,518,911, 5-21-85, Cl. 324-52.000.

Cass, Lloyd D.: *See—*
Zuwala, Stanley M.; and Cass, Lloyd D., 4,530,748, Cl. 204-273.000.

Cassaday, Michael M.: *See—*
Burns, Donald A.; Margoshes, Marvin; and Cassaday, Michael M., 4,526,754, Cl. 422-82.000.

Cassanas, Claude; Couot, Jean-Pierre; and Royer, Jacques, to U.S. Philips Corporation. Printer with inker on the platen roller. 4,492,164, 1-8-85, Cl. 101-216.000.

Cassandrini, Paolo: *See—*
Cantatore, Giuseppe; and Cassandrini, Paolo, 4,536,581, Cl. 546-242.000.

Cassani, Giovanni: *See—*
Borghi, Angelo; Pallanza, Rosa; Coronelli, Carolina; and Cassani, Giovanni, 4,542,018, Cl. 424-119.000.

Cassano, Anthony A., to Air Products and Chemicals, Inc. Oxygen production by molten alkali metal salts using multiple absorption-desorption cycles. 4,526,775, 7-2-85, Cl. 423-579.000.

Cassar, Luigi; Iqbal, Abul; and Rochat, Alain C., to Ciba-Geigy Corporation. Production of β-amino-α,β-unsaturated carboxylic acid esters. 4,540,791, 9-10-85, Cl. 546-335.000.

Cassar, Luigi: *See—*
- Rochat, Alain C.; and Cassar, Luigi, 4,500,718, Cl. 548-471.000.

Cassat, Robert, to Rhone-Poulenc Specialites Chimiques. Forming of thick-layer, hybrid electronic printed circuits. 4,517,227, 5-14-85, Cl. 427-96.000.

Cassat, Robert, to Rhone-Poulenc S.A. Metallizable, essentially isotropic polymeric substrates well adopted for printed circuits. 4,541,894, 9-17-85, Cl. 162-138.000.

Cassat, Robert; and Vignando, Bruno, to Rhone-Poulenc Industries. Metal-clad laminate adapted for printed circuits. 4,547,408, 10-15-85, Cl. 427-375.000.

Cassatta, Joseph C.; and Chattha, Mohinder S., to Ford Motor Company. Crosslinked flow control additives for high solids paints I. 4,533,681, 8-6-85, Cl. 523-400.000.

Casseday, Michael W.; Berg, Norman J.; and Filipov, Andree N., to United States of America, Army. Multi-function acousto-optic signal processor. 4,558,925, 12-17-85, Cl. 350-358.000.

Cassell, Douglas A., to Inconix Corporation. Distributed measurement and control system for industrial processes. 4,517,637, 5-14-85, Cl. 364-138.000.

Cassell, Ernest W., Jr.; and Gilliam, Edward C., to Reynolds Metals Company. Can end tester. 4,495,797, 1-29-85, Cl. 73-40.000.

Cassella Aktiengesellschaft: *See—*
- Becherer, Johannes; Kuhlein, Klaus; and Kussmaul, Ulrich, 4,517,370, Cl. 548-217.000.
- Buhler, Ulrich; Ribka, Joachim; Tappe, Horst; and Roth, Kurt, 4,505,856, Cl. 534-753.000.
- Buhler, Ulrich; Kuhlein, Klaus; Tappe, Horst; Kallay, Maria; Kosubek, Uwe; and Lowenfeld, Rudolf, 4,552,953, Cl. 534-886.000.
- Dorries, Peter; and Wahl, Helmut, 4,532,292, Cl. 524-598.000.
- Dorries, Peter; and Wahl, Helmut, 4,533,590, Cl. 428-211.000.
- Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, 4,535,031, Cl. 428-481.000.
- Engelhardt, Friedrich; Piesch, Steffen; Balzar, Juliane; and Dawson, Jeffery C., 4,499,232, Cl. 524-548.000.
- Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,500,437, Cl. 252-8.55C.
- Engelhardt, Friedrich; Piesch, Steffen; Balzer, Juliane; and Dawson, Jeffery C., 4,507,440, Cl. 525-218.000.
- Engelhardt, Friedrich; and Greiner, Ulrich, 4,518,745, Cl. 525-326.600.
- Engelhardt, Friedrich; Schmitz, Hermann; Gulden, Walter; and Hax, Jorg, 4,521,579, Cl. 526-287.000.
- Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,551,513, Cl. 526-307.100.
- Greiner, Ulrich; Keil, Karl-Heinz; Heinrich, Rudolf; and Albrecht, Konrad, 4,547,429, Cl. 428-402.240.
- Keil, Karl-Heinz; Greiner, Ulrich; Engelhardt, Fritz; Kuhlein, Klaus; Keller, Reinhold; and Schlingmann, Merten, 4,552,905, Cl. 521-149.000.
- Raabe, Thomas; Bohn, Helmut; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,532,239, Cl. 514-247.000.
- Schmitz, Hermann; and Kuhlein, Klaus, 4,522,997, Cl. 526-264.000.
- Schonafinger, Karl; Beyerle, Rudi; Bohn, Helmut; Just, Melitta; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,551,454, Cl. 514-252.000.
- Schonafinger, Karl; Bohn, Helmut; Just, Melitta; and Martorana, Piero, 4,558,058, Cl. 514-342.000.

Casselli, Aveo J.: *See—*
- Ritzau, William P.; Casselli, Aveo J.; and Fleischer, Gene S., 4,494,270, Cl. 15-377.000.

Cassellius, Jerome J.: *See—*
- Phillips, James F.; and Cassellius, Jerome J., 4,548,213, Cl. 130-24.000.

Cassen, John W.: *See—*
- Bolt, Conway A., Jr.; Cassen, John W.; and Schrank, Helmut E., 4,547,776, Cl. 343-741.000.

Cassese, Samuel E.; and Marquez, Walter, to Dataproducts Corporation. Horizontal paper form positioner and adjusting mechanism. 4,546,908, 10-15-85, Cl. 226-74.000.

Cassey, Graham E.: *See—*
- Shadbolt, Philip; and Cassey, Graham E., 4,542,052, Cl. 428-40.000.

Cassia, Antonio M., to Steiner Company, Inc. Type of dispenser in particular for liquid soap. 4,560,093, 12-24-85, Cl. 222-181.000.

Cassidenti, Michael L., to Rockwell International Corporation. Metal-working tool using electrical heating. 4,535,216, 8-13-85, Cl. 219-68.000.

Cassidenti, Michael L., to Rockwell International Corporation. Metal-working tools with augmented conductivity. 4,555,204, 11-26-85, Cl. 408-144.000.

Cassidy, Benjamin J., to International Paper Company. Anti-sift carton. 4,501,388, 2-26-85, Cl. 229-37.00R.

Cassidy, Benjamin J., to International Paper Company. Fliptop carton. 4,526,317, 7-2-85, Cl. 229-44.0CB.

Cassidy, Dale A.: *See—*
- Groh, Edward F.; Cassidy, Dale A.; and Lewandowski, Edward F., 4,500,488, Cl. 376-409.000.

Cassidy, John E.; and Jones, L. Raymond, Jr., to Electro-Nite Co. Molten metal sample cup. 4,515,485, 5-7-85, Cl. 374-157.000.

Cassidy, Stephen: *See—*
- Wevers, Jean; Ernst, Hubert; Cassidy, Stephen; and Barrat, Christian R., 4,548,757, Cl. 260-502.50E.

Casso-Solar Corporation: *See—*
- Canfield, Douglas M.; and Casso-Solar Corporation, 4,528,016, Cl. 65-163.000.
- Canfield, Douglas M.; and Gialanella, Joseph, 4,531,047, Cl. 219-354.000.

Cassonnet, Jean-Claude M., and Lamarche nee Lechevin, Marie-Odile, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Apparatus for controlling microinstructions stored in a data processing unit memory. 4,511,983, 4-16-85, Cl. 364-200.000.

Cassou, Bertrand, to Cassou, Bertrand; Cassou, Robert; and Cassou, Maurice. Artificial insemination apparatus. 4,522,621, 6-11-85, Cl. 604-140.000.

Cassou, Bertrand: *See—*
- Cassou, Robert; Cassou, Maurice; and Cassou, Bertrand, 4,493,700, Cl. 604-55.000.

Cassou, Maurice: *See—*
- Cassou, Bertrand, 4,522,621, Cl. 604-140.000.
- Cassou, Robert; Cassou, Maurice; and Cassou, Bertrand, 4,493,700, Cl. 604-55.000.

Cassou, Robert; Cassou, Maurice; and Cassou, Bertrand. Protective sheath for an artificial insemination gun, in particular for bovines. 4,493,700, 1-15-85, Cl. 604-55.000.

Cassou, Robert: *See—*
- Cassou, Bertrand, 4,522,621, Cl. 604-140.000.

Casstevens, Arvil; Coble, William H.; Shields, Harper; Ferrell, Roscoe M.; and Jordan, Bobby R., to Kayser-Roth Hosiery, Inc. Yarn cutting and clamping apparatus for circular knitting machines. 4,522,042, 6-11-85, Cl. 66-140.00S.

Cast-Tec Ltd.: *See—*
- Clark, Antony P., 4,527,611, Cl. 164-329.000.

Castagnola, Virginio; Frigerio, Giuliano E.; and Pellicciari, Roberto, to Lehner AG. Derivatives of biliary acids, process for the production thereof and pharmaceutical compositions containing the same. 4,514,393, 4-30-85, Cl. 260-397.100.

Castagnos, Leonce F., Jr.: *See—*
- Sayles, Scott M.; and Castagnos, Leonce F., Jr., 4,556,542, Cl. 422-147.000.

Castaldi, Graziano; and Giordano, Claudio, to Zambon S.p.A. Process for preparing alpha-arylalkanoic acids. 4,535,166, 8-13-85, Cl. 548-204.000.

Castaldi, Graziano; and Giordano, Claudio, to Zambon S.p.A. Alpha-substituted-alkylarylketals particularly useful for preparing alpha-arylalkanoic acids. 4,537,979, 8-27-85, Cl. 549-347.000.

Castaldi, Graziano; and Giordano, Claudio, to Blaschim S.p.A. Process for preparing esters of 2'-(6'-methoxy-2-naphthyl)-propionic acid. 4,550,191, 10-29-85, Cl. 560-056.000.

Castaldi, Graziano: *See—*
- Giordano, Claudio; and Castaldi, Graziano, 4,501,913, Cl. 560-100.000.

Castaldo, Louis J.: *See—*
- Marletta, Michael, 4,542,445, Cl. 362-96.000.

Castaneda, Henry B., to Chemetrics, Inc. Disposable device for sampling and diluting. 4,537,747, 8-27-85, Cl. 422-100.000.

Castanier, Philippe, to Superior S.A. Luggage closing device. 4,547,006, 10-15-85, Cl. 292-37.000.

Castarede, Armand, to Regie Nationale des Usines Renault. Process and device for the rapid warmup and thermal regulation of the lubricating oil of an internal combustion engine. 4,541,368, 9-17-85, Cl. 123-41.330.

Caste, Thomas K., to General Electric Company. Multiple key with invisible hinge. 4,554,426, 11-19-85, Cl. 200-159.00B.

Castegnier, Adrien, to Elcorsy Inc. Image reproduction by in plane electro-coagulation of a colloid. 4,555,320, 11-26-85, Cl. 204-180.900.

Castel, John C., to Physio Technology, Inc. Method of providing electrical stimulation of tissue. 4,535,777, 8-20-85, Cl. 128-421.000.

Castel, Michel, to Renix Electronique. Keyboard having keys activated by electrical contacts and the capacity to read one state from among four possible states. 4,502,040, 2-26-85, Cl. 340-365.00R.

Castel, Rene; Dalboussiere, Gerard; and Kulakowski, Michel, to International Business Machines Corporation. Device for reporting error conditions occurring in adapters, to the data processing equipment central control unit. 4,549,296, 10-22-85, Cl. 371-16.000.

Castel, Rene R.: *See—*
- Calvignac, Jean L.; and Castel, Rene R., 4,504,901, Cl. 364-200.000.

Castel, Yvon; and Iato, Michel, to Societe Nationale Elf Aquitaine (Production). Tool for disconnecting a guideline connector and a process for using same. 4,501,056, 2-26-85, Cl. 29-252.000.

Castel, Yvon; and Iato, Michel, to Societe Nationale Elf Aquitaine (Production). Device and process for lowering a connector suspended from guide line to a guide column installed on an underwater station. 4,541,754, 9-17-85, Cl. 405-168.000.

Castel, Yvon; and Iato, Michel, to Societe Nationale Elf Aquitaine (Production). Device and process for lowering and connecting the four guide lines to guide posts of an underwater station. 4,541,755, 9-17-85, Cl. 405-195.000.

Castelein, Jean, to Montefina S.A. Polymeric material consisting of a mixture of high-impact polystyrene, high-density polyethylene and a styrene/diene block copolymer. 4,548,988, 10-22-85, Cl. 525-71.000.
Castelein, Jean, to Montefina S.A. Thermoplastic rubber consisting of a mixture of polypropylene, high-impact polystyrene and a styrene/diene block copolymer. 4,556,691, 12-3-85, Cl. 525-71.000.
Castelein, Jean: *See—*
  Bertrand, Jean-Noel; and Castelein, Jean, 4,525,533, Cl. 525-98.000.
Castellani, Michel F.: *See—*
  Despax, Damien M.; Brisou, Jean-Francois; and Castellani, Michel F., 4,558,592, Cl. 73-151.000.
Castellano, Gary M.; and Alto, Kenneth W. Broadhead arrow head structure. 4,537,404, 8-27-85, Cl. 273-422.000.
Castellano, Thomas P.; and Mandel, Nathan, to Mandel, Nathan. Repeating firearm trigger mechanism. 4,553,468, 11-19-85, Cl. 89-140.000.
Castellano, Vincenzo: *See—*
  Bergen, Henry M.; Zaimi, Sedat; Castellano, Vincenzo; and Schildkraut, Irwin, 4,536,621, Cl. 179-99.00R.
Castellaw, Gerald J.; Wigham, Ronald C.; and Ames, Edwin N. Movable sun shade system. 4,557,310, 12-10-85, Cl. 160-84.00R.
Castelli, Pier L.: *See—*
  Caramaschi, Vittorio; and Castelli, Pier L., 4,516,909, Cl. 416-134.00A.
  Caramaschi, Vittorio; and Castelli, Pier L., 4,521,157, Cl. 416-134.00A.
Castelli, Pier Luigi: *See—*
  Caramaschi, Vittorio; and Castelli, Pier Luigi, 4,551,067, Cl. 416-140.000.
Castelli, Renato, to Samsonite Corporation. Tidy element provided with several compartments. 4,511,036, 4-16-85, Cl. 206-371.000.
Castelli, Renato, to Samsonite Corporation. Tidy element provided with several compartments. 4,556,144, 12-3-85, Cl. 206-214.000.
Castelli S.p.A.: *See—*
  Ponzellini, Giulio, 4,511,108, Cl. 248-188.700.
Castelluzzo, James M. Knife with plural replaceable blade storage and means for single blade extension. 4,517,741, 5-21-85, Cl. 30-162.000.
Castelot, Lawrence E.; and Castelot, Linda A. Pregnancy-supporting lounge chair. 4,508,384, 4-2-85, Cl. 297-284.000.
Castelot, Linda A.: *See—*
  Castelot, Lawrence E.; and Castelot, Linda A., 4,508,384, Cl. 297-284.000.
Castenmiller, Wilhelmus A. M.: *See—*
  Todt, Klaus H.; and Castenmiller, Wilhelmus A. M., 4,547,387, Cl. 426-602.000.
Castiglione, Frank J. Drive attachment for J-hook. 4,509,393, 4-9-85, Cl. 81-121.00A.
Castilano, Charles R., to Jackson Enterprises. Cable block device. 4,549,723, 10-29-85, Cl. 254-405.000.
Castilla, Antonio J. Two hulled motor to sail convertible boat. 4,543,898, 10-1-85, Cl. 114-39.000.
Castillo, Carmen S. Reinforced corner interlock on tray. 4,546,913, 10-15-85, Cl. 229-33.000.
Castillo, David D. Glove apparatus for weightlifting presses. 4,546,495, 10-15-85, Cl. 2-161.00A.
Castillo, Richard A., to Modulite Corporation. Method for threading chain onto a lamp cord. 4,506,427, 3-26-85, Cl. 29-433.000.
Castillo, Richard A., to Modulite Corporation. Apparatus for threading chain onto a lamp cord. 4,551,899, 11-12-85, Cl. 29-241.000.
Castle, Craig A.; Benson, Jon M.; and Toch, Theodore H., to Xomed, Inc. Replaceable saliva barrier for intra-oral larynx. 4,502,151, 2-26-85, Cl. 381-70.000.
Castle, Craig A.: *See—*
  Benson, Jon M.; and Castle, Craig A., 4,547,894, Cl. 381-70.000.
Castle, Gary. Tape wiper. 4,521,934, 6-11-85, Cl. 15-236.00R.
Castle, Gary M. Two-piece snap-lock facia border. 4,549,377, 10-29-85, Cl. 52-94.000.
Castle, John E.; and Deschamps, Jeffrey R., to University of Delaware. Microcrystalline chitin and method of manufacture. 4,532,321, 7-30-85, Cl. 536-20.000.
Castle, Nial K.; Martin, Derald E.; and Martin, Ralph D. Door lock with indicator. 4,490,999, 1-1-85, Cl. 70-432.000.
Castle, Richard B.: *See—*
  Beck, Warren R.; and Castle, Richard B., 4,493,875, Cl. 428-403.000.
Castle, Richard M.: *See—*
  Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.
Castle, Ross M. Curtain rod for sliding glass door. 4,506,477, 3-26-85, Cl. 49-70.000.
Castle, Thomas M.: *See—*
  Hannon, Betty R.; Reusser, Fritz; Dolak, Lester A.; Argoudelis, Alexander D.; and Castle, Thomas M., 4,540,661, Cl. 435-42.000.
Castleberry, Donald E.; and Becker, Charles A., to General Electric Company. Electroscopic information display and entry system with writing stylus. 4,520,357, 5-28-85, Cl. 340-783.000.
Castleman, Bruce W.; McQuire, David P.; and Szonntagh, Eugene L., to Honeywell Inc. Gas separation apparatus. 4,534,777, 8-13-85, Cl. 55-181.000.
Castleman, Lawrence D. Intraocular posterior chamber lens. 4,547,914, 10-22-85, Cl. 623-6.000.
Castleman, Lawrence D., to Roszkowski, Margaret L. Intraocular posterior chamber lens. 4,547,915, 10-22-85, Cl. 623-6.000.
Castner, B. Christian, to Shipley Company Inc. Apparatus for regulating plating solution in a plating bath. 4,499,852, 2-19-85, Cl. 118-690.000.
Castner, John F., Jr.: *See—*
  Castner, John F., Sr.; and Castner, John F., Jr., 4,550,857, Cl. 221-70.000.
Castner, John F., Sr.; and Sheps, Martin I. Automatic return variable adjustable wrench. 4,513,642, 4-30-85, Cl. 81-52.000.
Castner, John F., Sr.; and Castner, John F., Jr. Cotton swab vender. 4,550,857, 11-5-85, Cl. 221-70.000.
Castner, Kenneth F., to Goodyear Tire & Rubber Company, The. N,N-dimethylacrylamide copolymer injection water viscosifier for enhanced oil recovery. 4,526,947, 7-2-85, Cl. 526-240.000.
Castolin S.A.: *See—*
  Neudahm, Walter, 4,529,631, Cl. 427-398.300.
  Pecci, Michel, 4,541,474, Cl. 164-46.000.
  Simm, Wolfgang; and Steine, Hans-Theo, 4,507,151, Cl. 75-251.000.
Castonguay, Richard N.: *See—*
  King, John J.; Sellers, Ralph F.; and Castonguay, Richard N., 4,500,582, Cl. 428-116.000.
Castonguay, Roger N.; and Powell, David B., to General Electric Company. Interlock arrangement for circuit breaker compartments. 4,499,344, 2-12-85, Cl. 200-50.00C.
Castonguay, Roger N.; and Jencks, Charles L., to General Electric Company. Electric circuit breaker having reduced arc energy. 4,553,119, 11-12-85, Cl. 335-147.000.
Castonguay, Roger N.: *See—*
  Jencks, Charles L.; and Castonguay, Roger N., 4,550,300, Cl. 335-16.000.
Castrec, Yves-Marie; and Launay, Jean-Pierre, to Framatome & Cie. Machine for monitoring nuclear reactor equipment at its storage station. 4,499,046, 2-12-85, Cl. 376-245.000.
Castro, Anthony J., to Akzona Incorporated. Microporous products. 4,519,909, 5-28-85, Cl. 210-500.200.
Castro, Horacio: *See—*
  Castro, Marcelo; and Castro, Horacio, 4,549,045, Cl. 179-6.030.
Castro, Marcelo; and Castro, Horacio. Method to operate through a telephone line one automatic phone answering equipment specified among a plurality, and apparatus to carry it out. 4,549,045, 10-22-85, Cl. 179-6.030.
Castrol Limited: *See—*
  Cox, Paul V., 4,526,697, Cl. 252-75.000.
  Sparks, David J.; Whitefoot, Keith; and Knubley, John S., 4,542,836, Cl. 222-27.000.
Castronovo, Frank P.; Strauss, Harry W.; and Potsaid, Majic S., to Massachusetts General Hospital. Labeled phosphonic acid compositions for investigations of in vivo deposits of calcium. 4,515,766, 5-7-85, Cl. 424-1.100.
Cataldo, Roy S.; and Hall, Arlis, to General Motors Corporation. V-belt structure. 4,540,388, 9-10-85, Cl. 474-242.000.
Cataler Industrical Co. Ltd.: *See—*
  Suzuki, Yoshihiro; Kinoshita, Hiroo; Sato, Masayasu; and Ohara, Masanori, 4,528,279, Cl. 502-200.000.
Catalysts & Chemicals Industries Co., Ltd.: *See—*
  Fuchikami, Jun; Higashi, Hidehiro; Inoue, Takashi; and Oba, Hiroyuki, 4,500,645, Cl. 502-65.000.
  Fuchikami, Jun; and Yano, Takemithu, 4,554,263, Cl. 502-66.000.
  Nozue, Ikutoshi; Fujii, Susumu; and Hanada, Masayuki, 4,511,668, Cl. 502-84.000.
  Yoshimura, Masaru; and Saitoh, Sumio, 4,499,217, Cl. 523-456.000.
Catani, Guy G.: *See—*
  Brunello, Alain M.; and Catani, Guy G., 4,528,891, Cl. 89-41.210.
Catani, Paolo, to ITALCEMENTI Fabbriche Riunite Cemento S.p.A. Tubular mill for grinding natural and synthetic raw materials, particularly for the cement industry. 4,527,748, 7-9-85, Cl. 241-57.000.
Catchen, Gary L., to Conoco Inc. Method of energy resolved gamma-ray logging. 4,493,999, 1-15-85, Cl. 250-260.000.
Catchpole, Brian G.: *See—*
  Parmington, Ben; and Catchpole, Brian G., 4,526,141, Cl. 123-51.0BA.
Cate, John M. Catamaran righting accessory. 4,516,518, 5-14-85, Cl. 114-61.000.
Catelli, Camillo, to Rossi & Catelli S.p.A. Plant for bringing about enzyme-deactivation in fruit and vegetables: tomatoes in particular. 4,543,879, 10-1-85, Cl. 99-472.000.
Cater, Janet E.: *See—*
  Ziebarth, Warren S.; and Cater, Janet E., 4,525,959, Cl. 51-391.000.
Caterpillar Tractor Co.: *See—*
  Adomis, Peter P., Jr.; and Martin, Millard J., 4,519,300, Cl. 92-158.000.
  Amdall, John K.; and Ballheimer, Benny, 4,531,746, Cl. 277-53.000.
  Anders, Gene A., 4,542,786, Cl. 165-144.000.
  Bailey, John M.; Gibson, Dennis H.; Hackett, David E.; Stockner, Alan R.; and Waldman, Donald J., 4,531,494, Cl. 123-450.000.
  Bailey, John M., 4,548,172, Cl. 123-298.000.
  Ballheimer, Benny, 4,499,786, Cl. 74-606.00R.
  Bally, Fred R.; and Waldman, Donald J., 4,557,237, Cl. 123-450.000.
  Balzer, David J.; Dennison, Thomas M.; Getz, Marvin G.; and Oestmann, Eldon D., 4,514,014, Cl. 305-10.000.
  Becker, Theodore, Jr.; Congram, Sam R.; and McClung, Carl L., 4,502,433, Cl. 123-188.00S.
  Blake, William W., 4,492,251, Cl. 137-596.160.
  Boggs, Roger L., 4,553,790, Cl. 305-12.000.
  Brown, Ronald D., 4,493,968, Cl. 219-124.340.
  Brown, William J.; and Parks, John M., 4,542,924, Cl. 292-87.000.

Budzich, Tadeusz, 4,523,431, Cl. 60-431.000.

Chambers, Robert O., 4,535,651, Cl. 74-711.000.

Chambers, Robert O., 4,559,841, Cl. 74-191.000.

Demeny, Gary L.; and Smead, Robert G., 4,550,678, Cl. 118-630.000.

Dezelan, Joseph E., 4,515,181, Cl. 137-596.000.

Doueihi, Mikhael S.; and Gay, Kenneth W., 4,529,932, Cl. 324-161.000.

Earleson, Walter E.; King, Dennis M.; and Moncelle, Michael E., 4,498,016, Cl. 290-40.00R.

Eftefield, Larry G.; Simmons, Gerald P.; and Stone, Gregory L., 4,560,207, Cl. 299-10.000.

Englund, Michael S.; Hafele, Joseph C.; and Schulze, Dwain C., Jr., 4,520,652, Cl. 73-23.000.

Fogg, Jeffrey R., 4,546,696, Cl. 98-2.180.

Fuzzell, Joe E., 4,494,096, Cl. 335-170.000.

Garman, James A., 4,554,720, Cl. 29-402.010.

Gibson, Dennis H.; Shinogle, Ronald D.; and Stockner, Alan R., 4,528,965, Cl. 123-502.000.

Gibson, Dennis H.; and Stockner, Alan R., 4,530,331, Cl. 123-450.000.

Gibson, Dennis H., 4,531,492, Cl. 123-364.000.

Gibson, Dennis H., 4,541,391, Cl. 123-500.000.

Gibson, Dennis H.; Stockner, Alan R.; and Waldman, Donald J., 4,554,901, Cl. 123-450.000.

Golan, Kenneth F., 4,557,363, Cl. 192-113.00B.

Grawey, Charles E., 4,520,868, Cl. 165-158.000.

Grawey, Charles E., 4,534,394, Cl. 152-396.000.

Hart, Cullen P.; and Klopfenstein, Wayne A., 4,531,787, Cl. 305-12.000.

Heinrich, Andrew L.; and Oljace, Richard L., 4,538,036, Cl. 200-11.0EA.

Herr, Charles H., Jr., 4,516,444, Cl. 74-781.00R.

Jones, Steve D., 4,529,350, Cl. 414-494.000.

Kemper, Yves J., 4,522,079, Cl. 74-191.000.

Kohler, Ramon C., 4,535,646, Cl. 74-501.00R.

Lucas, Victor A., 4,523,397, Cl. 37-118.00R.

Marsh, John D.; and Nazzer, Craig A., 4,538,086, Cl. 310-258.000.

Martin, James L., 4,527,738, Cl. 239-90.000.

Meisel, Thomas C., Jr., 4,530,546, Cl. 305-39.000.

Melocik, Kurt B., 4,509,406, Cl. 91-453.000.

Mitchell, Randall M.; and Armstrong, John T., Jr., 4,523,892, Cl. 417-34.000.

Mitchell, Randall M., 4,534,707, Cl. 417-34.000.

Mitchell, Thomas L.; McMahill, Patrick D.; Valbert, Gary G.; and Wellauer, John C., 4,518,276, Cl. 403-13.000.

Molnar, John, 4,544,205, Cl. 297-455.000.

Mookerjee, Bhaskar, 4,558,681, Cl. 123-568.000.

Morello, Michael E., 4,552,392, Cl. 292-181.000.

Moring, Rodger L.; and Rieke, Brent E., 4,545,452, Cl. 180-88.000.

Myers, Allen D., 4,491,336, Cl. 280-93.000.

Nichting, Robert P., 4,549,823, Cl. 384-537.000.

Oestmann, Eldon D., 4,557,157, Cl. 74-607.000.

Oswald, Charles W., 4,521,650, Cl. 200-61.880.

Palmer, Marvin K., 4,560,148, Cl. 254-323.000.

Phelps, Weldon L.; and Stahl, Alan L., 4,521,856, Cl. 364-426.000.

Ray, Robert W.; and Pierce, Rex G., 4,514,934, Cl. 51-165.00R.

Reed, Lyle T.; and Olt, Arthur E., Jr., 4,553,760, Cl. 277-12.000.

Richards, David L.; and Windish, Willis E., 4,542,801, Cl. 180-53.100.

Richardson, Richard W., 4,501,950, Cl. 219-124.340.

Riediger, Craig W.; Mangus, Ervin E.; Simmons, Gerald P.; and Knock, Anthony J., 4,541,497, Cl. 180-6.480.

Ruseff, Walter Z.; and Schimpf, James E., 4,553,904, Cl. 417-218.000.

Sandroni, Gianni, 4,517,819, Cl. 72-353.000.

Satzler, Ronald L., 4,501,629, Cl. 156-149.000.

Satzler, Ronald L., 4,517,039, Cl. 156-149.000.

Satzler, Ronald L.; and Stevens, Samuel B., 4,519,654, Cl. 305-27.000.

Satzler, Ronald L., 4,537,267, Cl. 1[illegible]0-9.100.

Satzler, Ronald L., 4,560,018, Cl. 180-9.100.

Shuler, Lucien B., 4,543,786, Cl. 60-435.000.

Staiert, Richard W., 4,516,956, Cl. 464-89.000.

Vachon, Louis F., 4,530,141, Cl. 29-156.4WL.

Williams, Hugh K., 4,542,721, Cl. 123-179.00K.

Windish, Willis E., 4,531,428, Cl. 74-765.000.

Windish, Willis E., and Schneider, Marvin L., 4,560,034, Cl. 188-72.300.

Cates, Charles E.: *See—*

Schwartz, Arthur G., 4,539,106, Cl. 210-88.000.

Cates, Michael R.: *See—*

Caldwell, John T.; Kunz, Walter E.; Cates, Michael R.; and Franks, Larry A., 4,497,768, Cl. 376-153.000.

Cates, Robert E.; Harrison, Richard H., Jr.; and Carter, Thomas P., to Baltimore Aircoil Company, Inc. Forced draft cross flow, free-plenum evaporative heat exchanger. 4,530,804, 7-23-85, Cl. 261-30.000.

Cates, Robert E.: *See—*

Carter, Thomas P.; Schinner, Edward N.; Harrison, Richard H., Jr.; and Cates, Robert E., 4,518,544, Cl. 261-112.000.

Cath, Pieter G.; Capp, John; and Loeffler, William P., to General Electric Company. Method and apparatus for determining oxide film thickness. 4,495,558, 1-22-85, Cl. 364-563.000.

Cathaly-Pretou, Gerard: *See—*

Goulard, Claude; Accettella, Serge; Cathaly-Pretou, Gerard; Fages, Bernard; Jeannin, Daniel; Laloux, Philippe; and Le Fur, Jean, 4,501,489, Cl. 355-54.000.

Cathell, Philip W. Elongated wand-type wind-up and trigger-released separable actuator for motorized toy. 4,501,567, 2-26-85, Cl. 446-430.000.

Cather, Douglas A., Jr., to Garlock Inc. High pressure shaft seal with low-friction lip liner. 4,504,067, 3-12-85, Cl. 277-153.000.

Catheter Technology Corporation: *See—*

Groshong, LeRoy E.; and Brawn, Ronald J., 4,529,399, Cl. 604-53.000.

Groshong, LeRoy E.; and Brawn, Ronald J., 4,549,879, Cl. 604-247.000.

Groshong, LeRoy E.; and Brawn, Ronald J., 4,559,046, Cl. 604-282.000.

Cathey, Kenneth M. Hose holder. 4,506,853, 3-26-85, Cl. 248-79.000.

Cathey, Thaddeus F.; Gaynor, John C.; and Nelson, Rodney J., to Uniroyal, Inc. Low backlash-high-torque power transmission system and toothed belt used therein. 4,515,577, 5-7-85, Cl. 474-204.000.

Catiller, Robert D.; and Forbes, Brian K., to Burroughs Corporation. I/O subsystem using slow devices. 4,507,732, 3-26-85, Cl. 364-200.000.

Catiller, Robert D., to Burroughs Corporation. Testing system for reliable access times in ROM semiconductor memories. 4,510,603, 4-9-85, Cl. 371-21.000.

Catiller, Robert D.: *See—*

Loskorn, Richard A.; Bie[illegible], Philip D.; and Catiller, Robert D., 4,514,824, Cl. 364-900.000.

Cato Research, Inc.: *See—*

Kruesi, Paul R.; and Kruesi, William H., 4,500,498, Cl. 423-100.000.

Cato, Robert T.; Dickson, LeRoy D.; and Stokes, Olen L., Jr., to International Business Machines Corporation. Holographic scanner control based on monitored diffraction efficiency. 4,548,463, 10-22-85, Cl. 350-3.710.

Cato, Robert T.: *See—*

Broockman, Eric C.; Cato, Robert T.; and Lynch, Robert C., 4,499,608, Cl. 455-607.000.

Caton, Michael P. L.: *See—*

Bird, Clive W.; Butler, Helene I.; Caton, Michael P. L.; Coffee, Edward C. J.; Darnbrough, Geoffrey; and Hart, Terance W., 4,517,202, Cl. 514-530.000.

Catrambone, Frank A.: *See—*

Dee, Gerald M.; and Catrambone, Frank A., 4,549,620, Cl. 177-60.000.

Catrambone, Joel, to A. J. Sparks & Company. Preformed pot cover package. 4,508,223, 4-2-85, Cl. 206-423.000.

Catros, Jean Y., to Thomson-CSF. Differential data coding and decoding process and system restricting propagation of transmission errors. 4,519,085, 5-21-85, Cl. 375-27.000.

Catros, Jean Y.: *See—*

Richard, Christian; and Catros, Jean Y., 4,498,102, Cl. 358-133.000.

Catros, Jean-Yves, to Thomson-CSF. Process and system for the compression of the flow rate of data transmitted between at least a television transmitter and a television receiver. 4,558,361, 12-10-85, Cl. 358-136.000.

Catsimpoolas, Nicholas, to Boston University, Trustees of. Tranquilizing and reducing or preventing seizures. 4,500,524, 2-19-85, Cl. 514-250.000.

Cattaneo, Christian J.; Derouet, Patrick R. J.; and Laroche, Michel C. F., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Device for detecting and preventing the formation of ice on contoured surfaces. 4,508,295, 4-2-85, Cl. 244-134.00A.

Cattaneo, Giuseppe. Horseshoe lining. 4,557,334, 12-10-85, Cl. 168-12.000.

Cattaneo, Leopoldo. Piston ring for endothermic motors having an improved flame damper ring. 4,516,480, 5-14-85, Cl. 92-182.000.

Cattani, Alberto, to Comau S.p.A. Device for locating and locking a work holding pallet on a machine tool fixture. 4,534,546, 8-13-85, Cl. 269-58.000.

Cattell, Alan F.; Cockayne, Brian; Wright, Peter J.; and Kirton, John, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Electroluminescent panels and method of manufacture. 4,496,610, 1-29-85, Cl. 427-66.000.

Cattell, Alan F.; Kirton, John; and Lloyd, Peter, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Electroluminescent device. 4,552,782, 11-12-85, Cl. 427-66.000.

Cattin, Francois, to Fluckiger & Huguenin S.A. Instrument for the treatment of dental canals. 4,536,156, 8-20-85, Cl. 433-102.000.

Catto, Alberto: *See—*

Nardi, Dante; Catto, Alberto; Tajana, Alberto; Cazzulani, Pietro; and Graziani, Gabriele, 4,510,140, Cl. 544-360.000.

Cau, Egidio; and Lamiral, Jean P., to Lignes Telegraphiques et Telephoniques. Process for time-sequenced multiplexing of data on a transmission medium and devices to implement this process. 4,525,833, 6-25-85, Cl. 370-99.000.

Cauchetier, Michel: *See—*

Angelie, Christian; Cauchetier, Michel; and Paris, Jacques, 4,505,791, Cl. 204-157.10R.

Cauchy, Charles J. Thermoelectric generating system. 4,520,305, 5-28-85, Cl. 322-2.00R.

Caucik, Pavol: *See—*

Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.

Caudel, Edward R.; Magar, Surendar S.; and Leigh, Antony W., to Texas Instruments Incorporated. Microcomputer having data shift within memory. 4,491,910, 1-1-85, Cl. 364-200.000.

Caudel, Edward R., to Texas Instruments Incorporated. Microcomputer with accumulator addressing. 4,498,135, 2-5-85, Cl. 364-200.000.

Caudel, Edward R.; Swoboda, Gary L.; Magar, Surendar S.; McDonough, Kevin C.; and Leigh, Antony W., to Texas Instruments Incorporated. Microcomputer with table-read and table-write instructions. 4,514,801, 4-30-85, Cl. 364-200.000.

Caudel, Edward R.: *See—*

Magar, Surendar S.; and Caudel, Edward R., 4,533,992, Cl. 364-200.000.

Caudill, Charles, Jr., to General Motors Corporation. Method of manufacturing a vehicle seat cover. 4,541,885, 9-17-85, Cl. 156-220.000.

Caudill, Eddie T.; Caudill, Richard T.; and Conley, Lyle N., to Mountain Systems, Inc. Vandal-proof communication system. 4,518,826, 5-21-85, Cl. 179-37.000.

Caudill, Forrester: *See—*

Boston, Steven L.; Caudill, Forrester; and Arnold, Jerry L., 4,557,953, Cl. 427-432.000.

Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., 4,557,952, Cl. 427-432.000.

Caudill, Richard T.: *See—*

Caudill, Eddie T.; Caudill, Richard T.; and Conley, Lyle N., 4,518,826, Cl. 179-37.000.

Caudron, Lionel: *See—*

Bordet, Rene; Grovalet, Yves; Caudron, Lionel; and Diver, Marius, 4,555,881, Cl. 52-167.000.

Caufriez, Jean J.: *See—*

Massengeil, Hans A.; Overmeer, Robert; Pietruska, Joachim; and Caufriez, Jean J., 4,540,166, Cl. 271-3.100.

Caugant, Jean; and Dale, Jacques, to Thomson-CSF. Diaphragm for defining a radiation beam. 4,510,613, 4-9-85, Cl. 378-152.000.

Caugant, Jean; and Dale, Jacques, to Thomson-CSF. Load-bearing telescopic slide assembly and X-ray installation equipped therewith. 4,541,293, 9-17-85, Cl. 74-89.180.

Caugant, Jean; and Stephan, Guy, to Thomson-CGR. Retractable cassette holder for a radiological and radiographic examination apparatus. 4,559,641, 12-17-85, Cl. 378-181.000.

Caugherty, William C.: *See—*

Carson, Donald W.; Penrose, Lee; Leich, Joseph E.; and Caugherty, William C., 4,550,455, Cl. 4-480.000.

Caughey, Robert A., to permaTek, Inc. Flyleaf heat sealer. 4,526,642, 7-2-85, Cl. 156-311.000.

Caughie, Keith E.; and Caughie, Kenneth L. Football game board. 4,524,975, 6-25-85, Cl. 273-247.000.

Caughie, Kenneth L.: *See—*

Caughie, Keith E.; and Caughie, Kenneth L., 4,524,975, Cl. 273-247.000.

Caul, Lawrence D., to Carborundum Abrasives Company. Resin systems for high energy electron curable resin coated webs. 4,547,204, 10-15-85, Cl. 51-298.000.

Caulfield, H. John, to Aerodyne Research, Inc. Hologram writer and method. 4,498,740, 2-12-85, Cl. 350-3.660.

Caulfield, H. John: *See—*

Mueller, Peter F.; and Caulfield, H. John, 4,510,575, Cl. 364-518.000.

Caulfield, Henry J., to Battelle Development Corporation. Method of evaluating a polynomial function using an array of optical modules. 4,544,230, 10-1-85, Cl. 350-96.140.

Caulfield, Henry J.: *See—*

Ludman, Jacques E.; Sampson, John L.; and Caulfield, Henry J., 4,505,588, Cl. 356-354.000.

Ludman, Jacques E.; Sampson, John L.; and Caulfield, Henry J., 4,558,951, Cl. 356-346.000.

Caulier, Paul W.: *See—*

Berrey, Harry R.; and Caulier, Paul W., 4,523,867, Cl. 400-124.000.

Caumont, Jean-Francois, to Tempo Sanys. Apparatus for cutting discs from a sheet of flexible material. 4,558,619, 12-17-85, Cl. 83-685.000.

Caunned Aktiengesellschaft: *See—*

Bagnulo, Luigi, 4,496,444, Cl. 204-148.000.

Caunt, James W.: *See—*

Forman, Steven E.; and Caunt, James W., 4,501,966, Cl. 250-332.000.

Caus, Frans, to Tate & Lyle Public Limited Company. Measuring the draft of a vessel. 4,534,217, 8-13-85, Cl. 73-178.00R.

Cause Consequence Analysis, Inc.: *See—*

Williams, Leslie P., 4,497,442, Cl. 239-437.000.

Causer, Roy; and Orr, Donald, to United Kingdom Atomic Energy Authority. Manipulator. 4,501,522, 2-26-85, Cl. 414-4.000.

Causley, Gary C.; and Rosback, Martin D., to Tektronix, Inc. Ink cartridge with ink level sensor. 4,551,734, 11-5-85, Cl. 346-140.00R.

Caussarieu, Frederic: *See—*

Cohen, Albert E.; Hance, William G.; Moir, Ian; Lane, Thao; and Caussarieu, Frederic, 4,525,830, Cl. 370-60.000.

Caussignac, Jean-Marie; and Leroy, Maurice, to Etat Francais represente par le Ministere de l'Urbanisme et du Logement. Article analyzer apparatus by silhouette projection. 4,497,576, 2-5-85, Cl. 356-335.000.

Causton, Robert J., to Davy McKee (Sheffield) Limited. Annealing of high speed steel powder. 4,519,852, 5-28-85, Cl. 148-16.000.

Cauthron, Grover L. Animal spraying apparatus. 4,535,726, 8-20-85, Cl. 119-159.000.

Cautreels, Werner: *See—*

Bernhart, Claude; Cautreels, Werner; and Gautier, Patrick, 4,542,134, Cl. 514-236.000.

Cava, Robert J.; and Murphy, Donald W., to AT&T Bell Laboratories. Nonaqueous cell using mixed metal oxide positive electrode. 4,542,083, 9-17-85, Cl. 429-218.000.

Cavagna, Elio, to Elio Cavagna s.r.l. Lock and/or release systems, associated in structure and operation to the rests of circular blades or creasers, for cutters or creasing machines to be used industrially in the field of the paper and cardboard manufacturing. 4,540,394, 9-10-85, Cl. 493-365.000.

Cavalier Corporation: *See—*

Lindsey, James C., 4,511,060, Cl. 221-115.000.

Manzer, Marvin R., 4,511,059, Cl. 221-115.000.

Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., to Continental Pharma Inc. Derivatives of 2-aminoacetic acid. 4,562,205, 12-31-85, Cl. 514-546.000.

Cavaliere, Joseph R.; and Liu, Peter T., to International Business Machines Corporation. Dynamic reference potential generating circuit arrangement. 4,503,523, 3-5-85, Cl. 365-210.000.

Cavalieri D'Oro, Enzo; and Vita, Piero, to Italtel Societa Italiana Telecomunicazioni S.p.A. Circuit component for separating and/or combining two isofrequential but differently polarized pairs of signal waves lying in different high-frequency bands. 4,520,329, 5-28-85, Cl. 333-135.000.

Cavallanti, Virginio: *See—*

Lagana, Vincenzo; and Cavallanti, Virginio, 4,500,734, Cl. 564-72.000.

Lagano, Vincenzo; and Cavallanti, Virginio, 4,529,417, Cl. 55-84.000.

Cavalleri, Robert J.; and Clark, William E. Low frictional loss rotary vane gas compressor having superior lubrication characteristics. 4,521,167, 6-4-85, Cl. 418-82.000.

Cavalli, Alfredo. Percolator assembly supporting structure, particularly for domestic automatic coffee percolators. 4,497,243, 2-5-85, Cl. 99-323.000.

Cavalli, Alfredo. Steam ironing apparatus with a separate water reservoir. 4,535,556, 8-20-85, Cl. 38-77.600.

Cavalli, Alfredo. Machine for making ice cream and similar cold products, having a removable ice cream-making vessel. 4,535,604, 8-20-85, Cl. 62-342.000.

Cavalli, Alfredo. Apparatus for making ice cream and similar cold products and having a removable freezer vessel. 4,538,427, 9-3-85, Cl. 62-342.000.

Cavalli, Alfredo. Multi-purpose device incorporating a freezing cycle, more particularly for producing ice cream and similar frozen products. 4,545,216, 10-8-85, Cl. 62-343.000.

Cavalli, Alfredo. Electric household appliance for cutting fruit, vegetables and similar food products into small sticks or chunks of variable thickness. 4,560,111, 12-24-85, Cl. 241-92.000.

Cavallini, Gianfranco. Modular elements for composing frames for the construction of cabinet structures and containers for electrical, electromechanical and electronic components, for internal and external use. 4,544,069, 10-1-85, Cl. 211-183.000.

Cavan, Jean-Claude: *See—*

Allemand, Louis-Rene ; Calvet, Jean; Cavan, Jean-Claude; and Thevenin, Jean-Claude, 4,552,431, Cl. 350-96.340.

Cavanagh, Kenneth M., to Marshall and Williams Company. Air knife apparatus. 4,515,313, 5-7-85, Cl. 239-455.000.

Cavanagh, Patrick E., to Maghemite Inc. Permanent magnet field diverted to do useful work. 4,542,361, 9-17-85, Cl. 335-230.000.

Cavanagh, Peter R., to PUMA-Sportschuhfabriken Rudolf Dassler KG. Running shoe sole with pronation limiting heel. 4,506,462, 3-26-85, Cl. 36-92.000.

Cavanaugh, James E.; Hetherington, Robert D.; and Parmley, Thomas A., to Binks Manufacturing Company. Dual component pumping system. 4,516,725, 5-14-85, Cl. 239-127.000.

Cavanaugh, Robert J., to Du Pont de Nemours, E. I., and Company. Tetrafluoroethylene polymer dispersions. 4,514,537, 4-30-85, Cl. 524-265.000.

Cavanaugh, Robert J., to Du Pont de Nemours, E. I., and Company. Process for the suspension polymerization of tetrafluoroethylene. 4,529,781, 7-16-85, Cl. 526-214.000.

Cavanna, Cesar E., to Richmond Lox Equipment Company. Apparatus for transferring fluid. 4,502,846, 3-5-85, Cl. 417-362.000.

Cavanna S.p.A.: *See—*

Francioni, Renzo, 4,558,777, Cl. 198-461.000.

Cavaterra, Enrico: *See—*

Moreschini, Luciano; Dalloro, Leonardo; Cavaterra, Enrico; Petrini, Guido; and Covini, Romano, 4,499,302, Cl. 562-599.000.

Cavazza, Claudio; and Tinti, Maria O. Thioalkanoyl-carnitines, process for their preparation and mucolytic pharmaceutical compositions containing same. 4,518,613, 5-21-85, Cl. 514-513.000.

Cavazza, Claudio; and Tinti, Maria O., to Sigma-Tau Industrie Farmaceutiche Riunite S.p.A. Esters of alkoxy-acylderivatives of carnitine and pharmaceutical compositions containing same. 4,551,477, 11-5-85, Cl. 514-547.000.

Cavazza, Paolo. Toothbrush having series of bristles of different height. 4,519,111, 5-28-85, Cl. 15-167.00R.

- Cave, Ben R.: *See—*
  - Roberts, Charles D.; and Cave, Ben R., 4,511,124, Cl. 266-44.000.
- Cave, David L.: *See—*
  - Bynum, Byron G.; and Cave, David L., 4,533,845, Cl. 307-540.000.
  - Bynum, Byron G.; and Cave, David L., 4,553,048, Cl. 307-350.000.
- Cavell, Kingsley J.: *See—*
  - Masters, Anthony F.; and Cavell, Kingsley J., 4,533,651, Cl. 502-117.000.
- Caveney, Jack E.; Moody, Roy A.; Bulanda, John J.; and Wende, Russell E., to Panduit Corp. Mass termination connector tool assembly. 4,519,129, 5-28-85, Cl. 29-749.000.
- Caveney, Jack E., to Panduit Corp. Termination tooling for applying connectors to flat cable. 4,554,733, 11-26-85, Cl. 29-749.000.
- Caverly, John C.: *See—*
  - Allor, Richard L.; and Caverly, John C., 4,499,646, Cl. 29-447.000.
- Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., to AT&T Bell Laboratories. Method for fabricating a cable core including optical fibers. 4,541,970, 9-17-85, Cl. 264-1.500.
- Cavero, Icilio; Langer, Salomon Z.; and York, Billie M., Jr. Method of lowering intraocular pressure using phenylimino-imidazoles. 4,515,800, 5-7-85, Cl. 514-392.000.
- Cavero, Icilio; and Langer, Salomon, to Synthelabo. Anti-ulcer agents. 4,520,030, 5-28-85, Cl. 514-629.000.
- Cavestany, Adrian V.; and Zimmerman, Alan R., to Coleman Company, Inc., The. Fresh air device for mobile home or other dwelling. 4,537,117, 8-27-85, Cl. 98-39.100.
- Cavex-France, S.a.r.l.: *See—*
  - Cunisse, Michel; Granier, Patrick; D'Hollosy, Antoine; and De Pinho, Daniel, 4,531,839, Cl. 366-110.000.
- Cavezzan, Jacques; and Prud'Homme, Christian, to Rhone-Poulenc Specialites Chimiques. Organopolysiloxane/polyurethane elastomeric block copolymers. 4,518,758, 5-21-85, Cl. 528-12.000.
- Caviar, Lee, to Imperial Underground Sprinkler Co. Electrical connector. 4,491,686, 1-1-85, Cl. 174-87.000.
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- Cavitt, Michael B.; and Moore, Charles H., to Dow Chemical Company, The. Room temperature coating compositions containing hydrolyzed epoxy novolac resins. 4,530,948, 7-23-85, Cl. 523-454.000.
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- Cawi, Vernon A.; and Stengle, Barry J., to Phillips Petroleum Company. Removal of topped crude demineralization sediment by backwashing filter to crude oil desalting process. 4,556,480, 12-3-85, Cl. 208-211.000.
- Cawley, James D., to United States of America, National Aeronautics and Space Administration. Oxidizing seal for a turbine tip gas path. 4,540,336, 9-10-85, Cl. 415-174.000.
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- Cawley, Wesley D. Apparatus for picking up, carrying and releasing articles. 4,525,121, 6-25-85, Cl. 414-564.000.
- Cawley, William E., to United States of America, Energy. Centrally activated pipe snubbing system. 4,511,114, 4-16-85, Cl. 248-550.000.
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- Cawood, Charles D. Midstream urine collector. 4,557,274, 12-10-85, Cl. 128-760.000.
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- Cawrse, Frank W.: *See—*
  - Cawrse, Frank; Cawrse, George F.; and Cawrse, Frank W., 4,525,119, Cl. 414-111.000.
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- Cawse, John L.: *See—*
  - Still, Richard H.; Cawse, John L.; and Stanford, John L., 4,496,751, Cl. 549-472.000.
- Caxton Doss-Desouza, Argus F.: *See—*
  - Embrey, Derek M.; Webb, Stuart F.; Bickford, Ian J.; and Caxton Doss-Desouza, Argus F., 4,554,422, Cl. 200-61.910.
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- Cazaux, Joel, to Fives-Cail Babcock. Deburring apparatus. 4,498,821, 2-12-85, Cl. 409-300.000.
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  - Sears, Billy D.; Holland, Gerald G.; Cazinha, John R.; and Reames, Donovan J., 4,525,956, Cl. 51-241.00S.
  - Wilger, John F.; Nakano, Gregory S.; Orillo, Stephen, Jr.; and Cazinha, John R., 4,534,135, Cl. 51-241.00S.
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  - Nardi, Dante; Catto, Alberto; Tajana, Alberto; Cazzulani, Pietro; and Graziani, Gabriele, 4,510,140, Cl. 544-360.000.
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- CBI Offshore, Inc.: *See—*
  - Hale, David R.; Owen, William A.; and Orndorff, James A., Jr., 4,512,684, Cl. 405-217.000.
- CBM Display Group Limited: *See—*
  - Fox, Clifford R., 4,501,369, Cl. 211-133.000.
- CBM-Oil Reclamation Systems, Inc.: *See—*
  - Brown, Edward G., 4,515,684, Cl. 208-180.000.
- CBS Inc.: *See—*
  - Mucaro, Salvatore A.; and Tilbor, Neil, 4,513,966, Cl. 273-68.00B.
  - Stone, George C.; and Ross, Stuart E., 4,501,424, Cl. 273-148.00B.
  - Torick, Emil L., 4,516,257, Cl. 381-4.000.
- CCMC, Inc.: *See—*
  - Brock, Clifford D., 4,545,167, Cl. 52-509.000.
- CD Medical, Inc.: *See—*
  - Chen, David T.; and Mahoney, Robert D., 4,543,221, Cl. 264-41.000.
- CDA Industries, Inc.: *See—*
  - Gardner, Arthur W., 4,540,847, Cl. 174-48.000.
- CdF Chimie Azote et Fertilisants, S.A.: *See—*
  - Sanchez, Pierre; and Laudat, Pierre, 4,551,319, Cl. 423-316.000.
- CDP, Ltd.: *See—*
  - Ecer, Gunes M., 4,533,004, Cl. 175-329.000.
  - Ecer, Gunes M., 4,554,130, Cl. 419-8.000.
- Cea, Michael S., to Keene Corporation. Post cap for mounting fixture. 4,546,944, 10-15-85, Cl. 248-219.200.
- Ceaser, Anthony V. Fluoride containing compositions for removal of pollutants from waste waters and methods of utilizing same. 4,517,095, 5-14-85, Cl. 210-665.000.
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  - Couput, Francis, 4,546,892, Cl. 215-252.000.
  - Edelmann, Gilbert, 4,520,730, Cl. 101-426.000.
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  - Jupin, Alain; and Schneider, Bernard, 4,527,700, Cl. 215-32.000.
  - Vany, Gerard, 4,556,312, Cl. 355-47.000.
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  - Ramser, Robert A.; Booz, A. David; Barch, Daniel R.; and Cebulak, Walter S., 4,548,768, Cl. 264-12.000.
- Ceca S.A.: *See—*
  - Brouard, Rene A.; and Tracez, Jean C., 4,561,900, Cl. 106-246.000.
- Cecala, Andrew B.; and Volkwein, Jon C., to United States of America, Interior. Self-adjusting cap lamp bracket. 4,530,112, 7-23-85, Cl. 2-209.200.
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- Cecere, Mirella; Gozzo, Franco; and Signorini, Ernesto, to Montedison S.p.A. Derivatives of azoles having phytogrowth regulating activity. 4,504,303, 3-12-85, Cl. 71-76.000.
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- Cecil, Dimitrios G. Resistance spot welding gun with weld quality detection feature. 4,542,277, 9-17-85, Cl. 219-109.000.
- Cecil, Richard L., to Easco Corporation. Adapter for wrench sockets. 4,526,069, 7-2-85, Cl. 81-177.850.
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  - Zawadzki, Stanley C., Jr.; Stadelmaier, Robert A.; and Perrone, John J., 4,525,100, Cl. 405-129.000.
- Cedars-Sinai Medical Center: *See—*
  - Rubinstein, Alan, 4,556,558, Cl. 424-101.000.
- Cedarstrom, Roy A.: *See—*
  - Gagnon, Ralph J.; and Cedarstrom, Roy A., 4,500,172, Cl. 350-331.00R.
- Cederholm, Allen E.: *See—*
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- Cederquist, Alf L., to Ford Motor Company. Drivetrain torque determination using torque converter characteristics. 4,535,412, 8-13-85, Cl. 364-511.000.
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- Cedrone, Nicholas J. Lead combing apparatus for radial lead electronic devices. 4,509,010, 4-2-85, Cl. 324-158.00P.
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  - Bercovici, Serge, 4,497,360, Cl. 164-454.000.
  - Bercovici, Serge, 4,501,315, Cl. 164-454.000.
  - Eudier, Michel; Huret, Noel; and Meunier, Jean, 4,537,167, Cl. 123-193.00C.
  - Ferton, Daniel; and Mace, Robert, 4,511,409, Cl. 148-2.000.
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- Cegielski, John M., Jr.: *See—*
  - Reed, Robert D.; and Cegielski, John M., Jr., 4,534,300, Cl. 110-171.000.
- Ceiling Dynamics, Inc.: *See—*
  - Sharp, Joseph F., 4,494,350, Cl. 52-665.000.
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- Cekala, John A. Clip-on chimney hood. 4,543,754, 10-1-85, Cl. 52-218.000.
- Cekoric, Mark E.: *See—*
  - Taylor, Ronald P.; Cekoric, Mark E.; Dewhurst, John E.; and Abouzahr, Saad M., 4,519,965, Cl. 264-51.000.
- Celamerck GmbH & Co. KG: *See—*
  - Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,509,972, Cl. 71-92.000.
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- Celanese Corporation: *See—*
  - Arons, Richard M., 4,541,973, Cl. 264-60.000.
  - Arons, Richard M., 4,559,191, Cl. 264-60.000.
  - Barkley, Billy L., 4,503,008, Cl. 264-342.00R.
  - Becker, Carol L., 4,538,490, Cl. 83-346.000.
  - Bell, Gilbert C.; and Stanhope, Harry W., 4,516,394, Cl. 57-234.000.
  - Black, William B., 4,562,029, Cl. 264-167.000.
  - Calundann, Gordon W.; Charbonneau, Larry F.; and Benicewicz, Brian C., 4,522,974, Cl. 524-605.000.
  - Cardell, Max L., 4,496,109, Cl. 242-18.00R.
  - Chenevey, Edward C., 4,554,119, Cl. 264-85.000.
  - Choe, Eui W.; Conciatori, Anthony B.; and Ward, Bennett C., 4,506,068, Cl. 528-207.000.
  - Choe, Eui W.; and Conciatori, Anthony B., 4,535,144, Cl. 528-207.000.
  - Cobb, Arnold J., 4,512,731, Cl. 425-198.000.
  - Conciatori, Anthony B.; Choe, Eui W.; and Farrow, Gerald, 4,514,553, Cl. 526-323.100.
  - Conrad, Peter, 4,552,397, Cl. 294-86.400.
  - Dammann, Laurence G., 4,495,367, Cl. 564-208.000.
  - Davenport, Kenneth G.; and Hilton, Charles B., 4,524,217, Cl. 564-223.000.
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  - David, Lawrence D., 4,520,114, Cl. 501-12.000.
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  - Dougherty, Edward F.; Scates, Mark O.; and Paul, James L., 4,507,495, Cl. 560-205.000.
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  - Duey, Clarence J., Jr., 4,496,488, Cl. 260-413.000.
  - Eickman, Nancy C.; Fabisiak, Walter; and Dix, Robert, 4,524,101, Cl. 428-294.000.
  - Floyd, Terry S.; and Williams, James A., 4,503,593, Cl. 28-263.000.
  - Foley, Paul, 4,501,822, Cl. 502-162.000.
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  - Freundlich, Richard A., 4,500,603, Cl. 428-409.000.
  - Fruchey, Olan S., 4,500,464, Cl. 260-413.000.
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  - Gajria, Chandrasen; and Ozari, Yehuda, 4,539,348, Cl. 523-409.000.
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  - Gillberg-La Force, Gunilla E.; and Kravas, Helen A., 4,537,931, Cl. 524-510.000.
  - Gillberg-LaForce, Gunilla E., 4,514,438, Cl. 427-54.100.
  - Hagedorn, Scott, 4,532,209, Cl. 435-156.000.
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  - Hall, Henry K.; and Wilson, Donald R., 4,526,949, Cl. 526-268.000.
  - Hall, Henry K.; and Wilson, Donald R., 4,529,786, Cl. 526-268.000.
  - Hicks, Darrell D., 4,511,732, Cl. 560-221.000.
  - Holt, Anne; and Krutzler, James, 4,505,222, Cl. 118-304.000.
  - Hsieh, Jih-Han; Barer, Sol J.; and Maxwell, Peter C., 4,535,059, Cl. 435-142.000.
  - Hunter, Joe M., 4,535,150, Cl. 528-489.000.
  - Hyde, Rebecca A.; Krimminger, Kenneth R.; and Swander, Robert E., 4,522,616, Cl. 493-44.000.
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  - Kiss, Gabor D., 4,507,983, Cl. 74-572.000.
  - Koermer, Gerald S., 4,506,095, Cl. 560-205.000.
  - Kohn, Rachel S., 4,549,907, Cl. 106-208.000.
  - Linstid, H. Clay, III; and Koermer, Gerald S., 4,537,995, Cl. 568-384.000.
  - Lowery, James J.; Plotkin, Neil D.; and Robinson, Jack, 4,541,981, Cl. 264-209.100.
  - McAliley, J. Eugene; Daumit, Gene P.; and Ethridge, Fredrick A., 4,534,919, Cl. 264-29.200.
  - McLaughlin, William D., Jr., 4,515,054, Cl. 83-663.000.
  - Menezes, Edgar V.; Southern, John H.; Ballman, Richard L.; and Chamberlin, J. M., 4,522,773, Cl. 264-167.000.
  - Misenheimer, James R., 4,503,704, Cl. 73-159.000.
  - Roth, Douglas D.; and Ethridge, Fredrick A., 4,514,350, Cl. 264-176.00F.
  - Sarada, Thyagaraja, 4,501,793, Cl. 428-315.500.
  - Shearer, Wilfred L.; Sinker, Stephen M.; and Wolf, Richard A., 4,536,527, Cl. 524-193.000.
  - Sinker, Stephen M.; Baron, Joseph J., Jr.; Rupp, Raymond W.; Doerr, Marvin L.; and McChesney, Charles E., 4,554,328, Cl. 525-437.000.
  - Sinker, Stephen M.; and McChesney, Charles E., 4,554,329, Cl. 525-437.000.
  - Stackman, Robert W.; Summerville, Richard H., deceased; and Summerville, James E., Jr., heir, 4,554,377, Cl. 564-205.000.
  - Thigpen, Hubert H.; and Clos, Richard J., 4,550,213, Cl. 568-458.000.
  - Trail, George C., Jr., 4,561,580, Cl. 226-45.000.
  - Wang, Donald G. J., 4,512,894, Cl. 210-500.200.
  - Wissbrun, Kurt F.; and Orwoll, Richard D., 4,540,737, Cl. 524-599.000.
  - Yoon, Hyun-Nam, 4,539,386, Cl. 528-183.000.
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  - Adams, C. Harris; and Farnsworth, Robert P., 4,536,646, Cl. 235-377.000.
- Celette, Germain, to Celette S.A. Device for position-checking of the shock-absorber heads of a front vehicle suspension system. 4,498,242, 2-12-85, Cl. 33-180.0AT.
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- Cellai, Stelvio S. Automatic self-propelled devices for travelling on a track cable. 4,492,168, 1-8-85, Cl. 105-30.000.
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  - Pierpaoli, Walter; and Maestroni, Georges, 4,540,574, Cl. 424-95.000.
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  - Burt, James G., 4,531,950, Cl. 55-23.000.

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Corris, C. James; and Beck, Blaine E., 4,558,177, Cl. 179-2.0EA.
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Bronner, Jean-Claude, 4,518,840, Cl. 219-10.670.
Camus, Jean-Paul, 4,531,037, Cl. 219-10.750.
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Kashima, Masao; and Tomuro, Noboru, 4,522,927, Cl. 501-139.000.
Cemin, Hans, to Societe d'Etudes et Installations Industrielles CNUD S.A. Apparatus for heat treatment of objects by convection. 4,534,780, 8-13-85, Cl. 65-348.000.
Cena, Arnulfo Q. Rotary piston machine. 4,553,503, 11-19-85, Cl. 123-18.00A.
Cenegy, Louis F. Method for protecting a substrate with a multi-density composite polyurethane. 4,507,336, 3-26-85, Cl. 427-244.000.
Cenegy, Louis F. Method for repairing cementitious substrate. 4,559,239, 12-17-85, Cl. 427-140.000.
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Cousineau, Thomas J.; and Cengel, John A., 4,514,190, Cl. 44-70.000.
Cennamo, Arthur J. Universal V-belt. 4,504,257, 3-12-85, Cl. 474-256.000.
Cense, Adriaan; and Schutte, Evert H., to U.S. Philips Corporation. Integrable hue control circuit having a d.c. setting element. 4,533,939, 8-6-85, Cl. 358-28.000.
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Rossi, Vince; Miller, James R.; Tetrault, Leonard P.; and Tripodi, Robert R., 4,505,426, Cl. 236-47.000.
Censor Patent- und Versuchs-Anstalt: *See—*
Mayer, Herbert E., 4,496,241, Cl. 356-152.000.
Centafanti, Rocco. Golf practice device. 4,496,156, 1-29-85, Cl. 273-184.00B.
Centala, John P., to Rockwell International Corporation. Complemented roll attitude flight control system. 4,553,210, 11-12-85, Cl. 364-434.000.
Centennial Jewelers, Inc.: *See—*
Finkler, Saul M., 4,524,525, Cl. 33-178.00B.
Centennial Machine Company, Inc.: *See—*
Harben, Grover S., Jr.; Ellis, James S.; and Emmett, Joe M., 4,538,325, Cl. 17-45.000.
Centeny, Norman L., to Schwinn Bicycle Company. Laminated, reinforced fork end fitment connector for a bicycle and process for manufacturing same. 4,524,989, 6-25-85, Cl. 280-281.00R.
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Hengel, James F.; Armstrong, Donald J.; Ament, Frank; Center, Marc B.; and Ausen, John E., 4,539,956, Cl. 123-357.000.
Centocor, Inc.: *See—*
Hevey, Richard C., 4,510,119, Cl. 422-71.000.
Centra-Burkle GmbH & Co.: *See—*
Isermann, Rolf, 4,523,714, Cl. 236-46.00R.
Central Electricity Generating Board: *See—*
Cox, Anthony F.; Glanville, Roger; Lloyd, Owen; and Robbins, Keith V., 4,550,591, Cl. 73-28.000.
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Aramaki, Minoru; Kobayashi, Yoshiyuki; Nakamura, Tamio; Nakano, Hisaji; and Suenaga, Takashi, 4,543,242, Cl. 423-406.000.
Hayakawa, Masanori; and Nishimura, Satoshi, 4,512,906, Cl. 252-62.630.
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Kandachi, Takayoshi; Okino, Seiki; Yanai, Toshiharu; and Tanaka, Katsuto, 4,521,454, Cl. 427-168.000.
Kawai, Toshikazu; Suzuki, Haruo; and Kaneda, Shouzou, 4,523,041, Cl. 568-755.000.
Kawai, Toshikazu; Negishi, Akira; Ojima, Iwao; and Fuchikami, Takamasa, 4,540,835, Cl. 568-842.000.
Kita, Yasushi; Moroi, Shirou; Sakanoue, Akira; and Nakano, Hisaji, 4,500,678, Cl. 252-58.000.
Miyoshi, Takao; and Sakanoue, Akira, 4,508,761, Cl. 427-221.000.
Sawai, Mithio; Tasaka, Yoshihiro; Kawai, Toshikazu; and Katsuhara, Yutaka, 4,544,772, Cl. 568-411.000.
Tasaka, Yoshihiro; Nakamichi, Toshihiro; and Katsuhara, Yutaka, 4,554,382, Cl. 568-404.000.
Tsukuda, Hitoshi; and Sakanoue, Akira, 4,557,974, Cl. 428-407.000.
Watanabe, Nobuatsu; Nakajima, Tsuyoshi; and Kawaguchi, Masayuki, 4,515,709, Cl. 252-509.000.
Yamamoto, Kazuhiko; Nejigaki, Kazumi; Yasumura, Takashi; Kawashima, Chikashi; and Inoue, Shuichi, 4,560,737, Cl. 527-72.000.
Central Illinois Public Service Company: *See—*
Wilhelm, James H., 4,540,556, Cl. 423-242.000.
Central Institute for the Deaf: *See—*
Engebretson, A. Maynard; Morley, Robert E., Jr.; and Popelka, Gerald R., 4,548,082, Cl. 73-585.000.
Central Mfg., Inc.: *See—*
McLemore, Michael; and Chandler, Ronald, 4,505,380, Cl. 198-750.000.
Central Research Institute of Electric Power Industry: *See—*
Tokiwai, Moriyasu; Moriguchi, Sakumi; and Shinkawa, Takao, 4,553,030, Cl. 250-307.000.
Central Soya Company, Inc.: *See—*
Monagle, Charles W.; and Smith, Janet C., 4,518,620, Cl. 426-291.000.
Central Sprinkler Corporation: *See—*
Pieczykolan, George S., 4,491,182, Cl. 169-38.000.
Pieczykolan, George S., 4,508,175, Cl. 169-38.000.
Centralab, Inc.: *See—*
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Centrale Laitiere de Haute Normandie: *See—*
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Makedonski, Boris G.; and Atanassov, Haralampi A., 4,549,370, Cl. 51-7.000.
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Tzvetkov, Krum K., 4,525,787, Cl. 364-470.000.
Centre de Production Mecanique: *See—*
Carminati, Julien, 4,511,058, Cl. 221-2.000.
Carminati, Julien, 4,538,332, Cl. 29-159.020.
Centre de Recherche et de Development: *See—*
Moll, Manfred; Bazard, Daniel; Niclause, Michel; Vincent, Louis-Marie; and Andre, Jean-Claude, 4,547,070, Cl. 356-339.000.
Centre de Recherche Industrielle du Quebec: *See—*
Altounian, George N., 4,525,574, Cl. 528-283.000.
Barbulescu, Adrian; Boulet, Rodrique; and Lessard, Denis, 4,534,868, Cl. 210-780.000.
Dinh, Chom T. L.; Garceau, Roger; Pastor, Marc; and Terreault, Gerard, 4,562,470, Cl. 358-167.000.
Elmaraghy, Rachik; and Fontaine, Michel, 4,549,456, Cl. 83-478.000.
Fafard, Jean-Claude, 4,502,826, Cl. 411-340.000.
Lam Shang Leen, Kee K., 4,519,998, Cl. 423-277.000.
Centre de Recherches Metallurgiques: *See—*
Crahay, Jean R., 4,536,639, Cl. 219-121.0LU.
Pirlet, Robert A., 4,541,723, Cl. 356-376.000.
Ponghis, Nikolas G.; and Poos, Arthur G., 4,521,246, Cl. 75-42.000.
Ramelot, Daniel L., 4,497,214, Cl. 73-863.120.
Centre d'Etudes du Fraisage: *See—*
Sachot, Michel, 4,559,682, Cl. 29-26.00A.
Centre Electronique Horloger S.A.: *See—*
Hermann, Jean, 4,503,353, Cl. 310-361.000.
Centre Electronique Horologer, S.A.: *See—*
Gerber, Bernard; and Fellrath, Jean, 4,532,535, Cl. 357-23.500.
Centre National de la Recherche Scientifique: *See—*
Arnal, Yves; Pelletier, Jacques; and Pomot, Claude, 4,534,842, Cl. 204-192.00E.
Ballon, Jean; Comparat, Vincent; and Pouxe, Joseph, 4,553,062, Cl. 313-93.000.
Baron, Francis; Flandrois, Serge; and Pacault, Adolphe, 4,530,888, Cl. 429-206.000.
Bertrand, Claude, 4,538,979, Cl. 431-12.000.
Bolomey, Jean-Charles; and Michel, Yves, 4,552,151, Cl. 128-653.000.
Bonnier, Georges; and Hermier, Yves, 4,523,859, Cl. 374-1.000.
Bothorel, Pierre; Bernon, Roland; and Gabriel, Guy, 4,549,812, Cl. 366-142.000.

  - Brandon, Bernard; Bailly, Andre; and Meunier, Francis, 4,548,046, Cl. 62-79.000.
  - Breque, Anne; Muller, Georges; Bonnard, Hubert; Mathey, Francois; and Savignac, Philippe, 4,504,683, Cl. 568-12.000.
  - Carette, Brigitte; Kone, Ali; Souquet, Jean-Louis; Ribes, Michel; and Maurin, Maurice, 4,513,070, Cl. 429-193.000.
  - Chaussy, Jacques; Genicon, Jean-Louis; Mazuer, Jean; Pilon, Jean; and Sulpice, Andre, 4,558,512, Cl. 29-599.000.
  - Chevalet, Jean; and Reeves, Robert, 4,542,501, Cl. 370-85.000.
  - Commeyras, Auguste; Previero, Aldo; and Pugniere, Martine, 4,540,792, Cl. 548-344.000.
  - Dittmar, Andre; Delhomme, Georges; Pellissier, Jean-Pierre; and Schmitt, Michel, 4,528,991, Cl. 128-804.000.
  - Fauvarque, Jean-Francois; Jutand, Anny; Chevrot, Claude; Pfluger, Fernando; and Troupel, Michel, 4,517,061, Cl. 204-59.00R.
  - Goulard, Claude; Accettella, Serge; Cathaly-Pretou, Gerard; Fages, Bernard; Jeannin, Daniel; Laloux, Philippe; and Le Fur, Jean, 4,501,489, Cl. 355-54.000.
  - Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.
  - Jouffrey, Bernard; Trinquier, Jacques; and Franceschi, Jean-Luc, 4,516,026, Cl. 250-310.000.
  - Le Goff, Pierre Y. J., 4,507,175, Cl. 203-27.000.
  - Le Goff, Pierre Y. J., 4,527,621, Cl. 165-104.120.
  - Lucas, Jacques; and Fonteneau, Gilles, 4,560,667, Cl. 501-40.000.
  - Marraud, Alain R. P.; and Bonnet, Maurice G. Q., 4,506,296, Cl. 358-88.000.
  - Martin, Gerard J.; and Martin, Maryvonne L., 4,550,082, Cl. 436-24.000.
  - Pregermain, Simone; Charcosset, Henri; and Andres, Michele, 4,510,039, Cl. 208-10.000.
  - Richard, Bruno, 4,516,583, Cl. 128-660.000.
  - Sella, Claude; Tran-Khanh, Vien; and Martin, Jean-Claude, 4,511,451, Cl. 204-298.000.
- Centre National d'Etudes Spatiales: *See—*
  - Mouilhayrat, Guy G.; Duchon, Paul A. J.; Guilbert, Jean M. A. M.; and Rolfo, Andre A., 4,508,297, Cl. 244-173.000.
  - Scheller, Alfred K., 4,541,238, Cl. 60-204.000.
  - Vermande, Paul, 4,509,857, Cl. 356-346.000.
- Centre National du Machinisme Agricole, du Genie Rural, des Eaux et des Forets: *See—*
  - Gille, Etienne; Lucas, Jean; Mechineau, Didier; and Monod, Marie-Odile, 4,522,841, Cl. 427-4.000.
  - Lucas, Jean; Goupillon, Jean-Francois; and Drouin, Bernard, 4,503,767, Cl. 100-214.000.
- Centre Stephanois de Recherches Mecaniques et Frottement: *See—*
  - Cartier, Michel; and Cros, Georges, 4,491,542, Cl. 260-123.700.
- Centre Stephanois de Recherches Mecaniques Hydromecanique et Frottement: *See—*
  - Lacour, Gilles; and Esteveny, Serge, 4,494,478, Cl. 118-50.000.
- Centre Technique de l'Industrie des Papiers, Cartons et Celluloses: *See—*
  - Perrin, Bernard; Bianchin, Bernard; and Sauret, Georges, 4,518,499, Cl. 210-332.000.
- Centre Technique de l'Industrie Horlogere "Cetehor": *See—*
  - Chatelain, Jean C., 4,518,884, Cl. 310-49.000.
- Centre Technique des Industries: *See—*
  - Brandon, Bernard; Bailly, Andre; and Meunier, Francis, 4,548,046, Cl. 62-79.000.
- Centre Technique des Industries Mecaniques: *See—*
  - Wartelle, Claude; Favey, Charles; and Denamur, Alain, 4,498,799, Cl. 403-140.000.
- Centre Technique du Bois et de L'Ambeublement: *See—*
  - Fondronnier, Jacques; Guillerm, Jean; and Comte, Michel, 4,559,987, Cl. 144-213.000.
- Centre Technique du Cuir: *See—*
  - Play, Dominique; Bonneau, Marc; Merieux, Charles; Herbage, Daniel; and Comte, Philippe, 4,511,653, Cl. 435-69.000.
- Centre Technique Industriel Dit: Institut Textile de France: *See—*
  - Edme, Jacques; and Deffontaine, Etienne, 4,525,705, Cl. 340-677.000.
  - Wattiez, Daniel; Chatelin, Roger; and Bourgeois, Michel, 4,556,721, Cl. 556-128.000.
- Centrifugal Piston Expander, Inc.: *See—*
  - Dibrell, Edwin W., 4,513,575, Cl. 62-86.000.
  - Dibrell, Edwin W.; and Wood, Charles D., 4,513,576, Cl. 62-87.000.
  - Dibrell, Edwin W., 4,520,632, Cl. 62-403.000.
  - Schaich, Wilbur A., 4,558,666, Cl. 123-43.00R.
- Centro Ricerche Fiat S.p.A.: *See—*
  - Dotti, Giulio; Moretti, Luciano; and Costelli, Ugo, 4,531,707, Cl. 251-44.000.
  - Pera, Luciano; Boggero, Armando; Manassero, Giorgio; and Gay, Paolo, 4,491,383, Cl. 350-66.000.
  - Walther, Helmut and Palazzetti, Mario, 4,501,406, Cl. 251-30.000.
- Centro Sperimentale Metallurgico S.p.A.: *See—*
  - Marini, Paolo; and Candiotti, Marcello, 4,554,213, Cl. 428-418.000.
  - Marino, Emilio; and Ramacciotti, Aldo, 4,549,677, Cl. 222-591.000.
- Centronics Data Computer Corp.: *See—*
  - Biser, Roger W.; and Mishark, Joseph E., 4,550,320, Cl. 346-75.000.
  - Moss, James R., 4,532,862, Cl. 101-93.320.
  - Shiurila, John; and Robert, Kenneth A., 4,491,433, Cl. 400-471.100.
  - Spitsbergen, Merlin D., 4,513,898, Cl. 226-44.000.
  - Ulvila, Richard M., 4,511,905, Cl. 346-140.00A.
  - Wang, Cheng-hua, 4,513,496, Cl. 29-606.000.
- Centrum Mechanizacji Gornictwa "Komag" : *See—*
  - Szczesny, Adolf; Kleinert, Reiner; Jedo, Antoni; and Gutorski, Zygmunt, 4,514,300, Cl. 210-342.000.
- Century Boat Company: *See—*
  - Hegg, Allan B.; and Phares, James S., 4,548,155, Cl. 114-362.000.
- Century Electric, Inc.: *See—*
  - Sisk, Hollis D., 4,554,475, Cl. 310-208.000.
- Century Fabrications Ltd.: *See—*
  - Hobbs, Albert W., 4,504,077, Cl. 280-490.00R.
- Century International Corp.: *See—*
  - Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 4,510,642, Cl. 15-231.000.
- Century Laboratories, Inc.: *See—*
  - Rubin, David, 4,526,902, Cl. 514-560.000.
- Century Mfg. Co.: *See—*
  - Jegers, Viktor J.; and Lasley, Duncan T., 4,496,822, Cl. 219-125.100.
  - Smith, Leonard S., 4,546,302, Cl. 320-25.000.
- CEP Continental Engineering Products Co., Ltd.: *See—*
  - Pudwill, Horst, 4,541,142, Cl. 15-323.000.
- Cepulis, Rimvydas L.: *See—*
  - Coffey, Gerald P.; Curatolo, Benedict S.; and Cepulis, Rimvydas L., 4,520,190, Cl. 528-336.000.
- Ceradelli, Vittorio: *See—*
  - Chelin, Cesare; and Ceradelli, Vittorio, 4,554,590, Cl. 358-248.000.
- Ceramatec, Inc.: *See—*
  - Rasmussen, James R.; and Virkar, Anil V., 4,496,639, Cl. 429-193.000.
- Cerami, Anthony; Pongor, Sandor; and Browniee, Michael, to Rockefeller University, The. Process for sulphation and phosphorylation of proteins and peptides. 4,534,894, 8-13-85, Cl. 260-112.700.
- Ceramic Cooling Tower Company: *See—*
  - Bardo, Charles J.; Seawell, Jesse Q.; Dylewski, Anthony J.; and Clark, John L., Jr., 4,543,218, Cl. 261-24.000.
- Ceramic Magnetics, Inc.: *See—*
  - Schaller, George E., 4,544,803, Cl. 179-18.000.
- CeramPhysics, Inc.: *See—*
  - Lawless, William N.; and Clark, C. Frederick, Jr., 4,545,254, Cl. 73-714.000.
- Cerankowski, Leon D.; LaPointe, Gary S.; and Mattucci, Neil C., to Polaroid Corporation. Color transfer photographic processes and products. 4,496,651, 1-29-85, Cl. 430-490.000.
- Ceraver, S.A.: *See—*
  - Alary, Jean-Andre; Cot, Louis; Gugliermotte, Francis; Larbot, Andre; and Guizard, Christian, 4,562,021, Cl. 264-43.000.
  - Blanquaert, Daniel, 4,495,664, Cl. 3-1.913.
- Cerberus AG: *See—*
  - Frigon, Raymond A.; and Kahl, William G., Jr., 4,516,115, Cl. 340-556.000.
  - Muggli, Jurg; and Guttinger, Heinz, 4,506,161, Cl. 250-574.000.
  - Muggli, Jurg; and Gruber, Peter, 4,524,281, Cl. 250-574.000.
  - Muggli, Jurg; and Labhart, Martin, 4,547,675, Cl. 250-565.000.
  - Muggli, Jurg; Guttinger, Heinz; and Horvath, Zoltan, 4,555,634, Cl. 250-565.000.
  - Muggli, Jurg; and Labhart, Martin, 4,559,453, Cl. 250-565.000.
  - St. Jean, Herbert N.; and Settanni, Richard, 4,510,488, Cl. 340-567.000.
  - Troup, Alan; Strassler, Sigfrid; Guttinger, Hannes; and Pfister, Gustav, 4,543,815, Cl. 73-28.000.
  - Troup, Alan P.; Guttinger, Hannes; and Pfister, Gustav, 4,551,710, Cl. 340-505.000.
  - Yasukawa, Makoto; and Ishii, Kenji, 4,528,555, Cl. 340-630.000.
- Cerboni, Renzo, to Carle & Montanari S.p.A. Rotary piston forming machine for chocolate. 4,538,978, 9-3-85, Cl. 425-206.000.
- Cercone, Richard S. Ring and singing device with push tab. 4,526,016, 7-2-85, Cl. 63-15.600.
- Cereda, Enzo: *See—*
  - Bietti, Giuseppe; Cereda, Enzo; Donetti, Arturo; del Soldato, Piero; Giachetti, Antonio; and Micheletti, Rosamaria, 4,548,944, Cl. 514-363.000.
- Cerenzia, Walter S.: *See—*
  - Schlesinger, Sheldon I.; Cerenzia, Walter S.; and Wilson, Thomas D., 4,514,354, Cl. 264-324.000.
- Ceresara, Sergio; and Brogi, Mario, to La Metalli Industriale S.p.A. Superconducting conductors having a stabilizing sheath brazed to its matrix and a process for making the same. 4,554,407, 11-19-85, Cl. 174-128.00S.
- Cerf, Olivier: *See—*
  - Gervais, Alain; Vermeire, Daniel; Cerf, Olivier; and Toux, Jacques, 4,535,621, Cl. 73-59.000.
- Cerim, S.P.A.: *See—*
  - Pedretti, Gaetano; and Marazzi, Paolo, 4,555,823, Cl. 12-77.000.
- Cerimon: *See—*
  - Petraud, Gilles, 4,535,555, Cl. 37-94.000.
- Cerini, Costantino P., to American Cyanamid Company. Stabilization of influenza virus vaccine. 4,537,769, 8-27-85, Cl. 424-89.000.
- Cerise, Osvaldo; Arru, Pietro; and Vallana, Franco, to Sorin Biomedica S.p.A. Method for activating a pyrocarbon electrode tip. 4,495,039, 1-22-85, Cl. 204-130.000.
- Cerkovnik, Jerry, to Christensen, Inc. Nozzle placement in a diamond rotating bit including a pilot bit. 4,515,227, 5-7-85, Cl. 175-65.000.
- Cermak, Jan: *See—*
  - Vitovec, Jaroslav; Cermak, Jan; and Smolik, Jiri, 4,528,006, Cl. 55-269.000.

- Cermetek Microelectronics, Inc.: *See—*
  - Durham, Stephen J., 4,549,044, Cl. 179-5.00R.
- Cermignani, Justine D.; and Ganz, Frederick M., to Grumman Aerospace Corporation. Array antenna system with low coupling elements. 4,514,734, 4-30-85, Cl. 343-708.000.
- Cernansky, Joseph S.: *See—*
  - Rudell, Elliot A.; Shumate, Michael E.; and Cernansky, Joseph S., 4,500,104, Cl. 280-289.00D.
- Cerny, Daryl D., to Ball Corporation. Flanged container. 4,526,290, 7-2-85, Cl. 220-415.000.
- Cerny, David E., to Respiratory Care, Inc. Safety connector for flexible tube device. 4,521,038, 6-4-85, Cl. 285-24.000.
- Cerny, David E., to Respiratory Care, Inc. Self-contained nebulizer and system. 4,560,519, 12-24-85, Cl. 261-78.00A.
- Cerny, Elmer J., to Beltone Electronics Corporation. Hearing aid nubbin and acoustic damper. 4,498,555, 2-12-85, Cl. 181-129.000.
- Cerny, Frank J., Jr., to Motorola, Inc. Large dynamic range multiplier for a maximal-ratio diversity combiner. 4,519,096, 5-21-85, Cl. 455-137.000.
- Cerny, Frank T.; and Lapsker, Irving, to Abex Corporation. Segmented disc brake pad. 4,501,347, 2-26-85, Cl. 188-250.00G.
- Cerny, Robert S., to Allied Corporation. Ignition timing control system. 4,527,522, 7-9-85, Cl. 123-416.000.
- Cerovsky, Karel: *See—*
  - Dvorsky, Drahomir; and Cerovsky, Karel, 4,499,282, Cl. 548-336.000.
  - Dvorsky, Drahomir; and Cerovsky, Karel, 4,542,217, Cl. 544-335.000.
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- Cerqueira, Francisco L. Faeces collection and concentration receiver. 4,559,837, 12-24-85, Cl. 73-863.230.
- Cerrato, Vincent J., to Vending Components, Inc. Keg-pump construction. 4,516,698, 5-14-85, Cl. 222-341.000.
- Cerreta, James J. Bite size candy molding machine. 4,547,143, 10-15-85, Cl. 425-447.000.
- CertainTeed Corporation: *See—*
  - Piotrowski, Tony S., 4,501,107, Cl. 53-438.000.
  - Scott, Peter T., 4,550,550, Cl. 53-529.000.
  - Sullivan, Dale W.; Janssen, Kermit W.; and Mitchell, Andrew, 4,550,778, Cl. 166-234.000.
- Certified Energy Systems, Inc.: *See—*
  - Kretchmar, Roy, 4,544,861, Cl. 315-200.00R.
- Certified Grocers of Florida, Inc.: *See—*
  - Jones, Robert; and Thompson, Hubert R., 4,505,126, Cl. 62-239.000.
- Certipak Corporation: *See—*
  - Lever, John K.; and DiVecchio, Angelo N., 4,519,182, Cl. 53-461.000.
- Cerundolo, Daniel G.: *See—*
  - Gelinas, Sandra L.; Cerundolo, Daniel G.; and Abele, John E., 4,522,212, Cl. 128-642.000.
- Cerutti, Rosanna. Steam ironing appliance. 4,536,978, 8-27-85, Cl. 38-103.000.
- Cervantes, Richard A.: *See—*
  - Singh, Gurvinder P.; and Cervantes, Richard A., 4,502,331, Cl. 73-627.000.
- Cervenec, Stephen W.; and Stender, Ronald L., to Schindler Haughton Elevator Corporation. Elevator control circuit. 4,503,937, 3-12-85, Cl. 187-29.00R.
- Cerveny, Leonard W.; Bonham, Christopher; Mull, J. C., Jr.; and Shellman, Jon V., to Pacific Wire Works, Inc. Collapsible basket. 4,526,285, 7-2-85, Cl. 220-7.000.
- Cervini, Carl: *See—*
  - Krosoczka, Joseph D.; and Cervini, Carl, 4,545,564, Cl. 251-315.000.
- Cervinka, Franz. Sand-dispensing device for motor vehicles. 4,556,243, 12-3-85, Cl. 291-25.000.
- Cerwin, Robert J.; Joshi, Madhusudan; Menges, John R.; Mericle, Robert W.; and Zwaskis, William J., to Ethicon, Inc. Non-metallic, bio-compatible hemostatic clips with interlocking latch means. 4,498,476, 2-12-85, Cl. 128-346.000.
- Cerwin, Robert J., to Ethicon, Inc. Ligating clip and clip applier package. 4,519,501, 5-28-85, Cl. 206-339.000.
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- Cesa, Mark C.: *See—*
  - Tsou, Dean T.; Denman, Sandra L.; Burrington, James D.; and Cesa, Mark C., 4,552,705, Cl. 260-465.50R.
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  - Faustini, Franco; Passarotti, Carlo; Ceserani, Roberto; and Gandolfi, Carmelo, 4,551,476, Cl. 514-461.000.
- Ceshkovsky, Ludwig: *See—*
  - Dakin, Wayne R.; and Ceshkovsky, Ludwig, 4,506,355, Cl. 369-32.000.
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  - Nemec, Frantisek; Moos, Petr; Bytesnik, Milan; Kuba, Jan; and Lacina, Tomislav, 4,553,072, Cl. 315-244.000.
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  - Kreuz, Oldrich, 4,529,056, Cl. 180-227.000.
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  - Zverina, Karel; and Kroupa, Petr, 4,492,766, Cl. 501-104.000.
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- Cesna, Joseph V., to Speedfam Corporation. Liquid waxless fixturing of microsize wafers. 4,519,168, 5-28-85, Cl. 51-216.0LP.
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  - Barnes, Pierre D.; and Marts, Maynard W., 4,524,947, Cl. 251-129.000.
  - Caldwell, Patrick N., 4,539,862, Cl. 74-527.000.
  - Calvert, Robert W., 4,561,342, Cl. 91-31.000.
  - Jackson, Alan D., 4,510,751, Cl. 60-450.000.
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  - Sciarra, Michael J.; and Cestaro, Victor L., 4,494,553, Cl. 128-721.000.
- Cetnarowski, Robert. Fluid-powered multiple pistonrod lift unit. 4,555,979, 12-3-85, Cl. 92-85.00B.
- Cetrelli, Renato, to Tetra Pak International AB. Packing laminate provided with crease lines. 4,559,259, 12-17-85, Cl. 428-167.000.
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- Cetronio, Antonio: *See—*
  - Bujatti, Marina; and Cetronio, Antonio, 4,559,238, Cl. 427-82.000.
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  - Bahl, Chander P.; and Nunberg, Jack, 4,555,486, Cl. 435-91.000.
  - Frankel, Arthur E.; Johnson, Larry J.; and Wennberg, Timothy J., 4,555,957, Cl. 73-864.140.
  - Geigert, John; and Neidleman, Saul L., 4,503,153, Cl. 435-147.000.
  - Hewett, Gary E.; Atwood, Brian G.; and Wennberg, Timothy J., 4,554,839, Cl. 73-864.160.
  - Konrad, Michael W.; and Mark, David F., 4,499,188, Cl. 435-70.000.
  - Mark, David F.; Lin, Leo S.; and Lu, Shi-Da Y., 4,518,584, Cl. 424-85.000.
  - Neidleman, Saul L.; and Geigert, John, 4,546,080, Cl. 435-148.000.
  - Shaked, Ze'ev; and Wolfe, Sidney N., 4,530,787, Cl. 260-112.00R.
- Ceurvels, Thomas J.; Chaudhary, Rashid A.; and Doherty, Charles F., Jr., to Pyrotector, Inc. Flame detector with test lamp and adjustable field of view. 4,529,881, 7-16-85, Cl. 250-353.000.
- Ceurvorst, Kenneth, to Sivyer Steel Corporation. Replaceable protective caps for spider arms of a reversible hammer mill. 4,519,551, 5-28-85, Cl. 241-194.000.
- CF Industries, Inc.: *See—*
  - Davis, Charles E., 4,494,647, Cl. 198-494.000.
- CGEE Alsthom: *See—*
  - Borne, Andre; Marmonier, Andre; and Ruiz, Ariel, 4,526,435, Cl. 339-103.00C.
  - Borne, Andre; and Heng, Jean-Paul, 4,561,712, Cl. 339-33.000.
  - Godfroid, Henri, 4,536,692, Cl. 318-723.000.
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  - Bele, Robert; and Micaletti, Gilbert, 4,561,308, Cl. 73-626.000.
  - Prud'hon, Lucien; and Bele, Robert, 4,531,412, Cl. 73-621.000.
- Cha, Charles W.; Hartman, John W.; Kiesling, David A.; and Scarpero, William J., Jr., to International Business Machines Corporation. Oscillation prevention during testing of integrated circuit logic chips. 4,553,049, 11-12-85, Cl. 307-443.000.
- Cha, Dae Y.: *See—*
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- Chabal, Joseph, to PPG Industries, Inc. Apparatus for differentially stretching, aligning and cutting sheet material. 4,554,713, 11-26-85, Cl. 26-51.000.

Chabal, Joseph; and Bartrug, Bruce A., to PPG Industries, Inc. Prepressing glass plastic assemblies. 4,557,776, 12-10-85, Cl. 156-103.000.

Chabat-Courrede, Jean, to Service National Electricite de France. Apparatus for checking the set pressure of a safety valve. 4,527,415, 7-9-85, Cl. 73-4.00R.

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Chabrerie, Jean-Pierre: *See—*

Saint-Michel, Jacques A.; Chabrerie, Jean-Pierre; and Mailfert, Alain, 4,521,709, Cl. 310-186.000.

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Chachin, Viktor N.; Kolos, Vladimir K.; Botyan, Viktor V.; and Postnikov, Viktor M., to Fiziko-Tekhnichesky Institut Akademii Nauk Belorusskoi SSR. Apparatus for sizing of tubes. 4,519,230, 5-28-85, Cl. 72-56.000.

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Chacon, M. Frank: *See—*

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Brifman, Josef; Chacon, M. Frank; Schmerda, Richard F.; and Smith, Frank E., 4,556,882, Cl. 340-825.060.

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Waite, Michael S.; Chadha, Surjit S.; and Leong, Weng Y., 4,529,885, Cl. 250-484.100.

Chadshay, Roman: *See—*

McCartney, Michael S.; Chadshay, Roman; and Erlacher, Richard F., 4,520,739, Cl. 110-263.000.

Chadwick, Curt H.: *See—*

Sandland, Paul; Chadwick, Curt H.; and Dwyer, Howard I., 4,556,317, Cl. 356-237.000.

Chadwick, Dennis P., to Urban Transportation Development Corporation Ltd. Interconnecting passage for articulated vehicle. 4,503,779, 3-12-85, Cl. 105-4.00R.

Chadwick, Donald T.: *See—*

Read, Clifford D.; Sawyer, William D.; and Chadwick, Donald T., 4,533,791, Cl. 179-2.00R.

Stumpf, William E.; and Chadwick, Donald T., 4,529,247, Cl. 297-301.000.

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Chadwick, James R.; and Johnson, Lloyd N., 4,531,408, Cl. 73-455.000.

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Chaffee, Edwin G., to Laser Corporation. Laser tube structure. 4,553,241, 11-12-85, Cl. 372-62.000.

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Chagnot, Bruce J.; and Wood, James G., to Stirling Technology, Inc. Self pressurizing, crank-type Stirling engine having reduced loading of displacer drive linkages. 4,553,392, 11-19-85, Cl. 60-517.000.

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Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., to Allied Corporation. Temperature compensated orientation of berlinite for surface acoustic wave devices. 4,511,817, 4-16-85, Cl. 310-313.00A.

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Chainer, Timothy J.; Scranton, Robert A.; and Worthington, Thomas K., to International Business Machines Corporation. Data input pen for Signature Verification. 4,513,437, 4-23-85, Cl. 382-3.000.

Chainer, Timothy J.; and Worthington, Thomas K., to International Business Machines Corporation. Segmentation algorithm for signature vertification. 4,553,258, 11-12-85, Cl. 382-3.000.

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Chaki, Takao, to Clarion Co., Ltd. Cross arm mechanism in a pushbutton tuner. 4,501,165, 2-26-85, Cl. 74-10.330.

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Chaki, Takao, to Clarion Co., Ltd. Arm mechanism of a pushbutton tuner. 4,512,205, 4-23-85, Cl. 74-10.330.

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Chaki, Takao, to Clarion Co., Ltd. Pointer sliding mechanism for use in pushbutton tuner. 4,528,859, 7-16-85, Cl. 74-10.330.

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Chaki, Takao, to Clarion Co., Ltd. Arm mechanism of a pushbutton type tuner. 4,549,441, 10-29-85, Cl. 74-10.330.

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Kanai, Takao; and Chaki, Takao, 4,538,473, Cl. 74-10.330.

Okamoto, Kazuhiko; and Chaki, Takao, 4,561,317, Cl. 74-10.330.

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Keener, Robert M.; and Chakrawarti, Shekhar, 4,540,891, Cl. 307-118.000.

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Kalopissis, Gregoire; Gallien, Jacqueline; Jacquet, Bernard; Bauer, Daniel; and Chalaye, Jean Phillipe, 4,545,978, Cl. 424-10.000.

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Galahad, Giles, 4,493,225, Cl. 74-551.300.

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Chalk, Alan J.: *See—*

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- Chalk, Christine D.; and Hayman, Cecil, to IC Gas International Limited. Heat storage materials. 4,545,916, 10-8-85, Cl. 252-70.000.
- Chalkley, Michael E.: *See—*
  - Weir, Donald R.; Masters, Ian M.; Doyle, Barry N.; and Chalkley, Michael E., 4,545,963, Cl. 423-26.000.
- Challen, Richard F., to General Electric Company. Battery saving frequency synthesizer arrangement. 4,521,918, 6-4-85, Cl. 455-343.000.
- Challenge-Cook Brothers, Inc.: *See—*
  - Freze, Benjamin H., 4,507,080, Cl. 432-105.000.
  - Gould, Bruce M., 4,517,888, Cl. 99-472.000.
- Challenger Caribbean Corporation: *See—*
  - Sepulveda, Luis F., 4,500,863, Cl. 337-70.000.
- Challenger Circle F, Inc.: *See—*
  - Anthony, Walter H., 4,529,258, Cl. 339-99.00L.
  - Fiumefreddo, John; and Tibolla, Julius F., 4,504,108, Cl. 339-128.000.
  - Leong, Henry; and Fiumefreddo, John, 4,493,523, Cl. 339-105.000.
  - Leong, Henry; and Fiumefreddo, John, 4,504,104, Cl. 339-63.00R.
- Challenger, Richard; and Mullane, William E., to Taylor-Winfield Corporation, The. Adhesive spot curing press and method for metallic parts. 4,528,057, 7-9-85, Cl. 156-273.700.
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  - Sepulveda, Luis F., 4,500,863, Cl. 337-70.000.
- Chalmers, Brian D.; Ruxton, David S.; and Miller, Kenneth L. Head positioning system for a disc data store. 4,524,397, 6-18-85, Cl. 360-77.000.
- Chalmers, Edward; and Huggins, William H. Epilation method. 4,498,474, 2-12-85, Cl. 128-303.130.
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- Chalmers, Stephen P. Temperature/time limit indicator. 4,509,449, 4-9-85, Cl. 116-218.000.
- Chalmers, Wallace G. Adjustable torque rod. 4,557,622, 12-10-85, Cl. 403-388.000.
- Chalono, Camille V. A. Apparatus for simultaneously taking several similar photographs. 4,545,662, 10-8-85, Cl. 354-118.000.
- Chalupka, Georg: *See—*
  - Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,533,376, Cl. 65-5.000.
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  - Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,553,996, Cl. 65-4.400.
- Chaly, Fedor P.: *See—*
  - Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.
- Cham-Co Plastic Industries Inc.: *See—*
  - St. Louis, Andre, 4,542,912, Cl. 280-433.000.
- Cham, Edward J.; and Specht, Theodore R., to Westinghouse Electric Corp. Rectifier transformer. 4,493,016, 1-8-85, Cl. 363-126.000.
- Cham, Edward J.: *See—*
  - Specht, Theodore R.; and Cham, Edward J., 4,500,829, Cl. 323-215.000.
- Chambaz, Bernard; Delapierre, Gilles; and Destannes, Louis, to Commissariat a l'Energie Atomique. Capacitive hygrometer and its production process. 4,532,016, 7-30-85, Cl. 204-38.300.
- Chamberlain, Jerry E., to Siemens Medical Laboratories, Inc. Ionization chamber for measuring the profile of a radiation field of electron or X-ray radiation. 4,514,633, 4-30-85, Cl. 250-374.000.
- Chamberlain, John C.: *See—*
  - Melissa, Raymond F.; Grummett, Lorne H.; and Chamberlain, John C., 4,513,661, Cl. 101-93.040.
- Chamberlain, John T., to Burroughs Corporation. Constant-distance structure polycellular very large scale integrated circuit. 4,517,659, 5-14-85, Cl. 364-900.000.
- Chamberlain, John T., to Burroughs Corporation. Branched-spiral wafer-scale integrated circuit. 4,519,035, 5-21-85, Cl. 364-200.000.
- Chamberlain, John T., to Burroughs Corporation. Wafer scale integrated circuit memories. 4,528,647, 7-9-85, Cl. 365-230.000.
- Chamberlain, Joseph G. Jacketed wood stove. 4,520,791, 6-4-85, Cl. 126-121.000.
- Chamberlain, Lewis W. Universal locking device. 4,524,872, 6-25-85, Cl. 211-4.000.
- Chamberlain Manufacturing Corporation: *See—*
  - Henry, Susanne G.; Tsunemura, Kazuo; and Iha, Kiyoshi, 4,538,661, Cl. 160-35.000.
  - Liotine, Frank J.; and Twardowski, Joseph W., 4,529,980, Cl. 340-825.520.
  - Prine, David W., 4,535,629, Cl. 73-587.000.
  - Twardowski, Joseph W., 4,535,333, Cl. 340-825.690.
- Chamberlain, Savvas G.; and Schlig, Eugene S., to International Business Machines Corporation. Charge coupled device output circuit structure. 4,513,431, 4-23-85, Cl. 377-60.000.
- Chamberlain, Terence R., to Sun Chemical Corporation. Nickel complex pigments of bis-azomethines. 4,508,899, 4-2-85, Cl. 544-225.000.
- Chamberland, Roger R.; and Stanland, Andrew J., to United States of America, Navy. Thermo-electric valve. 4,498,491, 2-12-85, Cl. 137-72.000.
- Chamberlin, J. M.: *See—*
  - Menezes, Edgar V.; Southern, John H.; Ballman, Richard L.; and Chamberlin, J. M., 4,522,773, Cl. 264-167.000.
- Chamberlin, Rhodes R., to Cherry Electrical Products Corporation. Process for forming patterned films. 4,502,917, 3-5-85, Cl. 156-645.000.
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  - Roossien, Charles P.; Chambers, Brian; and Hiemstra, Bruce, 4,494,795, Cl. 297-355.000.
- Chambers, Carl E.; and Brogioli, Paul A. Portable disposable grilling. 4,531,506, 7-30-85, Cl. 126-9.00A.
- Chambers, Charles A.: *See—*
  - Garrett, Ernest R.; and Chambers, Charles A., 4,550,851, Cl. 220-277.000.
- Chambers, Colin T.; and Rhodes, James V. Security listening system. 4,527,015, 7-2-85, Cl. 179-84.00R.
- Chambers, Derek: *See—*
  - Baker, Richard H.; Chu, David L.; and Chambers, Derek, 4,523,269, Cl. 363-138.000.
- Chambers, Edward A.: *See—*
  - Geis, Norman P.; and Chambers, Edward A., 4,533,094, Cl. 244-3.220.
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- Chambers, Gregory R.: *See—*
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- Chambers, James V.; Perry, T. Wayne; Lonergan, Dennis A.; and Marks, Jay S., to Purdue Research Foundation. Lactose/cheese whey/whey filtrate semi-solid animal feed supplement. 4,547,386, 10-15-85, Cl. 426-583.000.
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  - Miles, Lee W.; Chambers, Samuel W.; and Rice, Mathias F., 4,493,586, Cl. 405-17.000.
- Chambers, Thomas V.: *See—*
  - Bode, Albert; Chambers, Thomas V.; Hahnke, Manfred; and Kretzschmar, Wolfgang, 4,548,613, Cl. 8-638.000.
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- Chambers, William S. Thrust bearing. 4,501,505, 2-26-85, Cl. 384-152.000.
- Chambers, Worthy L.: *See—*
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  - Elcrin, Alain; and Chambron, Edmond, 4,561,798, Cl. 403-109.000.
- Chamness, Leland D.: *See—*
  - Heyne, John A.; and Chamness, Leland D., 4,557,725, Cl. 604-67.000.
- Champagne, Edwin B., to United States of America, Air Force. Radar system for reducing angle tracking errors. 4,524,359, 6-18-85, Cl. 343-16.00M.
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- Champagne, Roger D.: *See—*
  - Fromme, Klaus J.; and Champagne, Roger D., 4,558,472, Cl. 4-252.00R.
- Champaigne, Jack M. Mass flow indicator for metal particles. 4,523,146, 6-11-85, Cl. 324-204.000.
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  - Youngblood, Harold C.; and Champeau, Kenneth L., 4,518,037, Cl. 166-125.000.
- Champigny, Lucien. Foldable ladder scaffold. 4,534,447, 8-13-85, Cl. 182-152.000.
- Champion, Allan R.: *See—*
  - Carney, Thomas E.; Champion, Allan R.; and Logullo, Francis M., Sr., 4,515,636, Cl. 106-90.000.
- Champion Corporation: *See—*
  - Woodruff, Roger D., 4,511,304, Cl. 414-546.000.
  - Woodruff, Roger D., 4,529,171, Cl. 254-134.3FT.
- Champion International Corporation: *See—*
  - Adamek, David J., 4,530,461, Cl. 229-37.00R.
  - Allen, Robert L., 4,521,492, Cl. 428-464.000.
  - Bailey, John G., 4,549,689, Cl. 229-17.00S.

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Hain, Paul O., 4,554,127, Cl. 264-324.000.
Ihde, Richard C., 4,558,814, Cl. 229-17.00R.
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Korte, Ralph J., 4,512,478, Cl. 206-611.000.
Lepisto, J. George, 4,498,511, Cl. 141-85.000.
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McCay, Johnny A.; Owens, Arthur H.; and Pfaffman, Jeffrey S., 4,506,575, Cl. 83-368.000.
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Rekow, Vernon C., 4,548,323, Cl. 206-611.000.
Roberts, Harry H., 4,492,333, Cl. 229-22.000.
Roccaforte, Harry I., 4,498,619, Cl. 229-52.00B.
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Thompson, Kenneth P.; and Ihde, Richard C., 4,513,036, Cl. 428-35.000.
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Webinger, George P., 4,502,600, Cl. 206-626.000.
Wells, Henry A., 4,496,428, Cl. 162-256.000.
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Wysocki, Lawrence S., 4,561,587, Cl. 229-36.000.

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Fields, Gerald S., 4,557,829, Cl. 210-132.000.
Gaither, John D., 4,547,287, Cl. 210-149.000.

Champion, Perrine & Associates: *See—*
Perrine, Paul M.; and Perrine, Carol-Anne, 4,515,516, Cl. 417-38.000.

Champion, Preston L. Animal deterrent device for joggers. 4,533,140, 8-6-85, Cl. 273-84.00R.

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Freeman, Frederick O., 4,561,624, Cl. 248-639.000.
Frikker, Jozsef, 4,496,294, Cl. 417-393.000.
Hoffmanner, Albert L.; Semiatin, Sheldon L.; and Podiak, Richard S., 4,526,551, Cl. 445-7.000.
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Manning, William R., 4,552,852, Cl. 501-105.000.
Nemeth, Joseph; and Kowalski, Charles I., 4,511,524, Cl. 264-61.000.
Seitz, David M.; and Weinstein, Richard, 4,520,949, Cl. 222-108.000.
Weinstein, Richard; Davis, James W.; and Campbell, Robert K., 4,555,058, Cl. 239-223.000.

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Verton, Jose ; and Henrion, Alain, 4,535,500, Cl. 15-250.230.

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Chan, Mankin: *See—*
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Chan, Patrick S.: *See—*
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- Chan, Rebecca L. S.: *See—*
  - Dawson, Marcia I.; and Chan, Rebecca L. S., 4,518,609, Cl. 514-448.000.
  - Dawson, Marcia I.; Chan, Rebecca L. S.; and Hobbs, Peter D., 4,526,787, Cl. 514-255.000.
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- Chan, Siu-Por. Barbeque forks. 4,539,751, 9-10-85, Cl. 30-322.000.
- Chan, Steven S., to Ampex Corporation. Universal interface unit. 4,500,933, 2-19-85, Cl. 360-69.000.
- Chan, Trinh D.: *See—*
  - Travers, Christine; Chan, Trinh D.; Snappe, Roger; and Bournonville, Jean-Paul, 4,514,515, Cl. 502-154.000.
- Chan, Tsiu C.; Mai, Chao; and Hswe, Myint, to Mostek Corporation. Method for making a semiconductor device. 4,553,314, 11-19-85, Cl. 29-571.000.
- Chan, Ven L., to Black & Decker Inc. Iron with overtemperature protection means. 4,536,641, 8-20-85, Cl. 219-253.000.
- Chan, W. Geoffrey; and Houminer, Yoram, to Philip Morris Incorporated. Smoking compositions containing a β-hydroxy-γ-ketoester flavorant-release additive. 4,538,627, 9-3-85, Cl. 131-276.000.
- Chan, Wan-Kit: *See—*
  - Loev, Bernard; Chan, Wan-Kit; and Jones, Howard, 4,505,930, Cl. 514-529.000.
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- Chan, Woontung G., to Philip Morris Incorporated. 3-O-(3-p-methylphenyl-3-oxo)propionyl glucopyranose and related compounds. 4,547,568, 10-15-85, Cl. 536-18.200.
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- Chana, Howard E., to General Motors Corporation. Multistage gear pump and control valve arrangement. 4,502,845, 3-5-85, Cl. 417-288.000.
- Chana, Howard E.; and Stordahl, Calmer M., to General Motors Corporation. Control mechanism for a variable ratio drive system. 4,504,247, 3-12-85, Cl. 474-17.000.
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- Chanal, Roger; and Cotte, Daniel, to Bennes Marrel. Hydraulic slide control safety valve for a mine support jack. 4,557,290, 12-10-85, Cl. 137-510.000.
- Chance, Buddy K.: *See—*
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- Chance, Dudley A.; and Sampogna, Michael, to International Business Machines Corporation. Electrolytic printing head. 4,539,576, 9-3-85, Cl. 346-165.000.
- Chance, Dudley A.; Reiley, Timothy C.; and Sampogna, Michael, to International Business Machines Corporation. Forming patterns in metallic or ceramic substrates. 4,555,285, 11-26-85, Cl. 156-89.000.
- Chance, James F.: *See—*
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- Chance, James L.; and Wedel, Gregory L., to Beloit Corporation. Steam heated dryer drum having stationary siphon and spoiler bars. 4,538,360, 9-3-85, Cl. 34-41.000.
- Chance, Peter E.; and Weiss, Mitchell, to United States Robots, Inc. Robotic manipulator arm. 4,547,119, 10-15-85, Cl. 414-735.000.
- Chance, Ronald R.: *See—*
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- Chancel, Jean-Louis: *See—*
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- Chand, Ramesh, to GC Industries. Electrochemical gas sensor. 4,498,970, 2-12-85, Cl. 204-415.000.
- Chandhoke, Mohanjit S.; and Duke, Michael, to Harris Graphics Corporation. Apparatus for forming a stack of signatures. 4,541,763, 9-17-85, Cl. 414-45.000.
- Chandler, Curtis S.; Novotny, Larry G.; and Watts, Elvert S., to AMP Incorporated. Electrical connector. 4,501,459, 2-26-85, Cl. 339-48.000.
- Chandler, Don G.: *See—*
  - Reeves, Robert H., Jr.; Chandler, Don G.; and Jorgensen, H. A., 4,494,583, Cl. 141-83.000.
- Chandler, Donald E.; Chisholm, William M.; and Lechner, Ralph T., to AT&T Technologies, Inc. Fixture for assembling pins into a shuttle. 4,515,354, 5-7-85, Cl. 269-15.000.
- Chandler, Earl E. Apparatus for supportingly organizing miscellaneous articles. 4,538,862, 9-3-85, Cl. 312-283.000.
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  - Howlett, James J.; and Zagranski, Raymond D., 4,493,465, Cl. 244-17.130.
  - Nelson, James C., 4,493,623, Cl. 418-94.000.
  - Noell, Godwin L.; and Sundberg, Jack G., 4,553,914, Cl. 418-69.000.
  - Sundberg, Jack G.; Schaffner, John P.; and Conlon, Daniel J., 4,500,268, Cl. 418-1.000.
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  - Zagranski, Raymond D.; and Howlett, James J., 4,531,361, Cl. 60-39.161.
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- Chandler, Henry M.: *See—*
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- Chandler, James W.; and Chandler, William D., to Water Soft, Inc. Water filter. 4,515,692, 5-7-85, Cl. 210-278.000.
- Chandler, Jasper S.; and Geyer, Frederick F., to Eastman Kodak Company. Optical disk assembly. 4,536,869, 8-20-85, Cl. 369-287.000.
- Chandler, Joseph A., to United States of America, National Aeronautics and Space Administration. Linear motion valve. 4,523,741, 6-18-85, Cl. 251-325.000.
- Chandler, Larry L.; Friar, Thurston R.; and Green, Berwyn W., to Foam Systems Company. Process for preparation of polyester polyols utilizing polyalkylene terephthalate. 4,546,169, 10-8-85, Cl. 528-272.000.
- Chandler, Michael J. Swimming pool cleaner. 4,502,172, 3-5-85, Cl. 15-1.700.
- Chandler, Noel W. Hydraulic bedknife adjuster for reel-type mowing equipment. 4,516,388, 5-14-85, Cl. 56-249.000.
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- Chandler, Richard A.: *See—*
  - Hunt, Al E.; Chandler, Richard A.; and Ward, Robert J., 4,531,781, Cl. 298-22.00P.
- Chandler, Ronald: *See—*
  - McLemore, Michael; and Chandler, Ronald, 4,505,380, Cl. 198-750.000.
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- Chandley, George D., to Hitchiner Manufacturing Co., Inc. Gas permeable metal casting mold having gas collection voids. 4,532,976, 8-6-85, Cl. 164-363.000.
- Chandra, Grish; Kosal, Jeffrey A.; Petroff, Lenin J.; and Plueddemann, Edwin P., to Dow Corning Corporation. Detergent composition with siliconate-silicate copolymer. 4,549,979, 10-29-85, Cl. 252-135.000.
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- Chandra, Rangasami S.; and Orlando, Franklin P., to FMC Corporation. Load cell clamping apparatus. 4,553,872, 11-19-85, Cl. 403-25.000.
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  Howard, H. Taylor, 4,544,900, Cl. 333-21.00A.
  Raiman, Clifford, 4,503,379, Cl. 333-21.00A.
Chapelain, Jean-Pierre: *See—*
  Nicolas, Alain; and Chapelain, Jean-Pierre, 4,493,022, Cl. 364-200.000.
  Nicolas, Alain; and Chapelain, Jean-Pierre, 4,511,959, Cl. 364-200.000.
Chapell, Harry F., to Sage Laboratories, Inc. Microwave coupler. 4,547,753, 10-15-85, Cl. 333-115.000.
Chapelot, Raymond, to Precision Mecanique Labinal. Waterproof electrical connector. 4,560,219, 12-24-85, Cl. 339-60.00R.
Chapin, Howard R.; and Gurley, Arnold E., to Littelfuse, Inc. Sealed electrical devices. 4,504,697, 3-12-85, Cl. 174-52.00R.
Chapin, John T.; and Sabia, Raffaele A., to AT&T Bell Laboratories. Restorative spray coating for insulated copper conductors. 4,507,362, 3-26-85, Cl. 428-383.000.
Chapin, Richard D. Drip irrigation system employing adjacently arranged flow-restricting passages. 4,534,515, 8-13-85, Cl. 239-542.000.
Chapin, Roger A. Method and apparatus for automated chinese stir-fry cooking. 4,503,502, 3-5-85, Cl. 364-400.000.
Chapko, John J.: *See—*
  Cohn, Robert J.; and Chapko, John J., 4,557,511, Cl. 292-218.000.
  Welsch, John H.; Chapko, John J.; and Carver, Robert J., 4,509,805, Cl. 312-210.000.
Chaplin, Eric: *See—*
  Tanner, Peter R.; and Chaplin, Eric, 4,547,030, Cl. 339-21.00R.
Chaplin, George B. B.; Jones, Andrew; and Jones, Owen, to Sound Attenuators Limited. Method and apparatus for low frequency active attenuation. 4,527,282, 7-2-85, Cl. 381-71.000.
Chaplin, James E. Automatic temperature adjustment apparatus. 4,516,720, 5-14-85, Cl. 237-8.00R.
Chaplin, John B.; and Ganczak, Edward G., to Textron, Inc. Surface effect ship propeller mount. 4,498,873, 2-12-85, Cl. 440-82.000.
Chaplin, John B., to Textron, Inc. Propeller and keel arrangement for surface effect ships. 4,506,618, 3-26-85, Cl. 114-67.00A.
Chapline, George F., Jr., to United States of America, Energy. Method and apparatus for molecular imaging using X-rays at resonance wavelengths. 4,536,883, 8-20-85, Cl. 378-36.000.
Chapline, Thomas: *See—*
  Jones, Corey N.; and Chapline, Thomas, 4,504,235, Cl. 434-219.000.
Chapman, Athol W.; Cope, Fred E.; and Missick, Kenneth P. Transportable article holder for stadium-type chairs. 4,556,250, 12-3-85, Cl. 297-192.000.
Chapman, Christopher P., to De La Rue Systems Limited. Apparatus for detecting tape on sheets. 4,525,630, 6-25-85, Cl. 250-572.000.
Chapman, Claude L. Load pickup coupling device and method. 4,523,746, 6-18-85, Cl. 258-1.200.
Chapman, Colin M.: *See—*
  Connell, David E.; and Chapman, Colin M., 4,511,544, Cl. 423-224.000.
Chapman, David: *See—*
  Shepherd, Charles G.; and Chapman, David, 4,561,623, Cl. 248-447.000.
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  Sutton, Steven R.; Hagen, Michael S.; Chapman, David D.; Gombert, Glenn S.; and Palmquist, Steven R., 4,541,100, Cl. 375-10.000.
Chapman, Earle F. Floor lamp. 4,562,520, 12-31-85, Cl. 362-414.000.
Chapman, Francis E.; and Harris, Robert B., to S. C. Johnson & Son, Inc. Powdered cleansing composition. 4,493,781, 1-15-85, Cl. 252-88.000.
Chapman, G. Paul, to Decorative Designs, Inc. Decorative plate apparatus. 4,521,464, 6-4-85, Cl. 428-33.000.
Chapman, Harry A.: *See—*
  Ladewski, Chester T.; Chapman, Harry A.; and Johnston, Jeffrey J., 4,531,215, Cl. 371-67.000.
Chapman, Ivan B., Jr., to AT&T Technologies, Inc. Ergonomical in-line tool. 4,523,498, 6-18-85, Cl. 81-177.100.
Chapman, Jacque W., to King-Seeley Thermos Co. Pivotal construction for portable cooler. 4,491,239, 1-1-85, Cl. 220-337.000.
Chapman, James F.: *See—*
  Brady, D. Ward; and Chapman, James F., 4,505,203, Cl. 102-382.000.
Chapman, John M.; and Antonis, Basil, to Thorn EMI plc. Discharge lamps. 4,549,251, 10-22-85, Cl. 362-216.000.
Chapman, John R., to Sundstrand Corporation. Double output torque limiter. 4,556,131, 12-3-85, Cl. 192-7.000.
Chapman, Joseph E., III, to Schlumberger Technology Corporation. Single-wire selective performation system. 4,496,010, 1-29-85, Cl. 175-4.550.
Chapman, Nicholas J. Support assembly and method. 4,516,365, 5-14-85, Cl. 52-170.000.
Chapman, Orville L.; and Tsou, Uh-Po E., to University of California, The Regents of the. Thermal styrene formation in the presence of O_2 4,544,782, 10-1-85, Cl. 585-443.000.
Chapman, Paul: *See—*
  Aston, Geoffrey W.; Smith, Susan; Chapman, Paul; and Barker, Howard A., 4,551,384, Cl. 428-312.600.
Chapman, Richard H.; and Sams, Bernard, to Pneumatic Rubber Stamp Co., Ltd. Endless band hand stamp. 4,561,353, 12-31-85, Cl. 101-111.000.
Chapman, Rick J.: *See—*
  Radtke, Carl T.; Kaiser, Ewald A.; Biedermann, Siegfried M.; and Chapman, Rick J., 4,494,256, Cl. 4-502.000.
Chapman, Robert A.: *See—*
  Doulton, Romm; and Chapman, Robert A., 4,512,667, Cl. 368-10.000.
Chapman, Robert F.: *See—*
  Ashton, Michael J.; Bridge, Andrew W.; Chapman, Robert F.; Fenton, Garry; Loveless, Anthony H.; and Riddell, David, 4,493,843, Cl. 424-274.000.
Chappars, George S. Container for displaying and storing flat articles selectively in flattened or cylindrical form. 4,505,424, 3-19-85, Cl. 229-87.00R.
Chappel, Raymond M.: *See—*
  Bremer, Roger E.; Anthony, Charles, Jr.; and Chappel, Raymond M., 4,526,176, Cl. 128-641.000.
Chappell, Anthony G., to Wellcome Australia Limited. Fluid pump. 4,558,989, 12-17-85, Cl. 417-44.000.
Chappell, Austin W. Detachable car seat tables. 4,524,701, 6-25-85, Cl. 108-44.000.
Chappell, Barbara A.; and Schuster, Stanley E., to International Business Machines Corporation. High performance FET driver circuit. 4,491,748, 1-1-85, Cl. 307-449.000.
Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., to International Business Machines Corporation. High spatial resolution energy discriminator. 4,533,940, 8-6-85, Cl. 358-44.000.
Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., to International Business Machines Corporation. Heterojunction semiconductor. 4,550,489, 11-5-85, Cl. 29-571.000.
Chappell, Johnny L., Jr.; and Johnson, Charles. Video game protective glove. 4,519,097, 5-28-85, Cl. 2-16.000.
Chappell, Terry I.; and Woodall, Jerry M., to International Business Machines Corporation. Multiwavelength optical-to-electrical logic operations. 4,504,846, 3-12-85, Cl. 357-12.000.
Chappell, Terry I.; Jackson, Thomas N.; and Woodall, Jerry M., to International Business Machines Corporation. Semiconductor conversion of optical-to-electrical energy. 4,525,731, 6-25-85, Cl. 357-12.000.
Chappell, Terry I.: *See –*
  Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., 4,533,940, Cl. 358-44.000.
  Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., 4,550,489, Cl. 29-571.000.
Chappell, William A.; Tweed, William J.; and Higgins, David T., to Rival Manufacturing Company. Percolator including pump-type dispenser. 4,512,246, 4-23-85, Cl. 99-312.000.
Chappelow, Cecil C., Jr.; and Byerley, Thomas J., to Conmaco, Inc. Pile driving cap block cushion assembly. 4,513,828, 4-30-85, Cl. 173-139.000.
Chappoux, Claude: *See—*
  Ricouard, Jacques; and Chappoux, Claude, 4,551,998, Cl. 70-69.000.
Characklis, William G. Measurement of build-up of fouling deposits by sensing flow characteristics during brief flow excursions. 4,521,864, 6-4-85, Cl. 364-563.000.
Characklis, William G. Treatment of fouling with microcapsules. 4,561,981, 12-31-85, Cl. 210-696.000.
Charatan, Norman. Oral hygiene device. 4,519,408, 5-28-85, Cl. 132-89.000.
Charavit, Jean-Claude; and Vandroux, Michele, to Thomson-CSF. Frequency prepositioning for an indirect frequency synthesizer. 4,511,858, 4-16-85, Cl. 331-10.000.
Charboneau, Ben J.; and Zerod, Richard D., to Gulf & Western Manufacturing Company. System for detecting low liquid level and probe therefor. 4,506,258, 3-19-85, Cl. 340-618.000.
Charboneau, Ben J.: *See—*
  Zulauf, Gary B.; and Charboneau, Ben J., 4,497,205, Cl. 73-313.000.
Charbonnages de France: *See—*
  Chelu, Gerard, 4,550,010, Cl. 422-4.000.
  Dreuilhe, Jacques; Puff, Roger; Kita, Jean-Claude; and Large, Jean-Francois, 4,542,716, Cl. 122-4.00D.
  Dreuilhe, Jacques; and Landet, Paul-Victor, 4,553,502, Cl. 122-4.00D.
  Pregermain, Simone; Charcosset, Henri; and Andres, Michele, 4,510,039, Cl. 208-10.000.
Charbonneau, Arthur G.; Godfrey, Dwaine A.; McNennamy, John A.; and Nafziger, Steven, to Charbonneau and Godfrey Associates. Motor operated valve analysis and testing system. 4,542,649, 9-24-85, Cl. 73-168.000.
Charbonneau and Godfrey Associates: *See—*
  Charbonneau, Arthur G.; Godfrey, Dwaine A.; McNennamy, John A.; and Nafziger, Steven, 4,542,649, Cl. 73-168.000.
Charbonneau, Larry F.: *See—*
  Calundann, Gordon W.; Charbonneau, Larry F.; and Benicewicz, Brian C., 4,522,974, Cl. 524-605.000.

- Charbonnel, Jean-Louis, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Apparatus for separating a liquid from a gas, particularly for turboengine bearing cases. 4,561,867, 12-31-85, Cl. 55-202.000.
- Charbonnet, Carl D. Apparatus for transporting and aligning panel-like members. 4,547,115, 10-15-85, Cl. 414-121.000.
- Charbonnier, Jacques: *See—*
  - Bailey, Ronald D.; Charbonnier, Jacques; and Chotard, Michel, 4,553,649, Cl. 188-340.000.
- Charbonnier, Marc: *See—*
  - Marandet, Andre J. P.; and Charbonnier, Marc, 4,496,867, Cl. 310-93.000.
- Charbonnier, Roger, to Adret Electronique. Low noise crystal oscillator. 4,536,721, 8-20-85, Cl. 331-116.00R.
- Charchanko, Eugene W.: *See—*
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- Charcoal Cloth Ltd.: *See—*
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- Charcosset, Henri: *See—*
  - Pregermain, Simone; Charcosset, Henri; and Andres, Michele, 4,510,039, Cl. 208-10.000.
- Chardon, Manfred; Mauries, Reinhard; Rohner, Joachim; and Zumfeld, Heinz, to W. Schlafhorst & Co. Method and device for the knot-free connection of two threads. 4,499,715, 2-19-85, Cl. 57-22.000.
- Charest, George E.: *See—*
  - Baker, William; Smith, Gordon H.; Beach, Xiomara I.; Sallee, Gary F.; Stein, Jeffrey I.; and Charest, George E., 4,521,915, Cl. 455-165.000.
- Chari, Venu: *See—*
  - Hodel, Alfred; Merkes, Dennis B.; and Chari, Venu, 4,562,533, Cl. 364-200.000.
- Charkey, Allen; and Januszkiewicz, Stanley, to Energy Research Corporation. Nickel electrode for alkaline batteries. 4,546,058, 10-8-85, Cl. 429-223.000.
- Charland, Edmund G., Jr.: *See—*
  - Gravina, Anthony N.; Keitel, Murray; Weiss, Harvey; Wiley, Joseph N.; and Charland, Edmund G., Jr., 4,517,161, Cl. 422-95.000.
- Charlat, Patrice: *See—*
  - Mallen-Herrero, Jose; Leroy, Daniel; Zimmermann, Urs; and Charlat, Patrice, 4,492,541, Cl. 418-23.000.
  - Mallen-Herrero, Jose ; Leroy, Daniel; Zimmermann, Urs; and Charlat, Patrice, 4,561,831, Cl. 418-28.000.
- Charlebois, Leonard J.; Mariani, Renato; and Huszarik, Fred A., to Northern Telecom Limited. Methods and apparatus for sealing articles. 4,528,150, 7-9-85, Cl. 264-36.000.
- Charlebois, Leonard J.; D'Aoust, Ronald R.; and Huszarik, Fred A., to Northern Telecom Limited. Forming of cable splice closures. 4,528,419, 7-9-85, Cl. 174-88.00R.
- Charlebois, Leonard J.; and Anderson, James E., to Northern Telecom Limited. Telecommunications cable splice closures. 4,549,039, 10-22-85, Cl. 174-72.00R.
- Charles Beseler Company: *See—*
  - Nemesnyik, John C., 4,537,500, Cl. 355-67.000.
- Charles C. Worth Corporation: *See—*
  - Worth, Charles C.; and Young, John N., 4,535,954, Cl. 242-84.52B.
- Chas. Chapman Company Limited, The: *See—*
  - Shepherd, Charles G.; and Chapman, David, 4,561,623, Cl. 248-447.000.
- Charles, Douglas K.: *See—*
  - Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., 4,534,935, Cl. 419-23.000.
- Charles Greiner and Company, Inc.: *See—*
  - Calabrese, Anthony, 4,515,153, Cl. 128-75.000.
  - Owens, Troy R., 4,502,471, Cl. 128-75.000.
- Charles, Herbert N., to Canadian Fram Limited. Integral engine cooling system. 4,499,865, 2-19-85, Cl. 123-41.050.
- Charles, Herbert N., to Canadian Fram Limited. Integral engine air conditioning system. 4,501,129, 2-26-85, Cl. 62-239.000.
- Charles I. Brown: *See—*
  - Forrest, William E., 4,508,193, Cl. 182-5.000.
- Charles, John G.: *See—*
  - Settineri, William J.; Charles, John G.; Hinkel, Jerald J.; and Malone, Bradley P., 4,536,222, Cl. 134-5.000.
- Charles, Joseph P.: *See—*
  - Khachaturian, Jon E.; and Charles, Joseph P., 4,538,849, Cl. 294-81.100.
- Chas. M. Bailey Co., Inc.: *See—*
  - Dixon, Robert W., 4,508,138, Cl. 137-239.000.
  - Dixon, Robert W., 4,520,846, Cl. 137-625.300.
  - Dixon, Robert W., 4,526,192, Cl. 137-244.000.
- Charles, Paul A. S., to Ingersoll Milling Machine Company, The. Tape-laying head. 4,508,584, 4-2-85, Cl. 156-353.000.
- Charles, Robert G.; and Hickam, William M., to Westinghouse Electric Corp. Method of separating cationic from anionic beads in mixed resin beds. 4,523,996, 6-18-85, Cl. 210-504.000.
- Charles, Robert G.: *See—*
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- Charles S. Dozer Enterprises, Inc.: *See—*
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- Charles Stark Draper Laboratory, Inc., The: *See—*
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  - Biren, Marvin A., 4,511,222, Cl. 350-441.000.
  - Bowditch, Philip N., 4,510,626, Cl. 2-115.000.
  - Bowditch, Philip N., 4,512,269, Cl. 112-121.120.
  - Bowditch, Philip N., 4,532,655, Cl. 2-243.00B.
  - Chamuel, Jacques R., 4,523,473, Cl. 73-643.000.
  - Coccoli, Joseph D., 4,514,088, Cl. 356-350.000.
  - Consales, Emanuel J.; and Kondoleon, Anthony, 4,517,744, Cl. 33-169.00C.
  - Das, Dilip K.; Kumar, Kaplesh; and Wettstein, Ernest C., 4,533,407, Cl. 148-102.000.
  - De Fazio, Thomas L., 4,523,409, Cl. 51-165.710.
  - Dew, Brock S.; and Greiff, Paul, 4,516,263, Cl. 382-41.000.
  - Grossman, Arthur, 4,495,988, Cl. 165-96.000.
  - Guinon, Walter J.; and Lamb, Richard H., Jr., 4,550,414, Cl. 375-1.000.
  - Pruszenski, Anthony S., Jr., 4,492,859, Cl. 250-216.000.
  - Rourke, Jonathan M.; and Whitney, Daniel E., 4,556,203, Cl. 267-141.100.
  - Smith, T. Basil, 4,497,059, Cl. 371-36.000.
  - Whitney, Daniel E., 4,537,557, Cl. 414-735.000.
  - Whitney, Daniel E., 4,557,549, Cl. 339-258.00R.
- Charles, Steve: *See—*
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- Charles, Wesley: *See—*
  - Kachajian, George S.; Steere, Robert E., Jr.; and Charles, Wesley, 4,498,449, Cl. 125-15.000.
- Charles Winn (Valves) Limited: *See—*
  - Beauchamp, David C.; and Burton, Philip J., 4,491,298, Cl. 251-306.000.
  - Burton, Philip J., 4,560,142, Cl. 251-306.000.
- Charles Wyle Engineering Corporation: *See—*
  - Wyle, Charles; and Shea, Donald M., 4,512,947, Cl. 264-343.000.
  - Wyle, Charles; Shea, Donald M.; and Best, Norman D., 4,536,935, Cl. 29-281.100.
- Charlot, Lincoln H., to El nt Corporation. Polarization ratiometry object detection system and method. 4,520,362, 5-28-85, Cl. 343-361.000.
- Charlot, Lincoln H., Jr., to Security Tag Systems, Inc. Ball clutch mechanism with two sets of balls in separate radial planes. 4,523,356, 6-18-85, Cl. 24-155.0BR.
- Charlton Associates: *See—*
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  - Miller, David A.; Krueger, Leland R.; and Charlton, Richard J., 4,545,153, Cl. 51-118.000.
- Charlton, Newton W., to Security Engineering, Inc. Electric fail-secure/fail-open lock mechanism. 4,557,121, 12-10-85, Cl. 70-279.000.
- Charlton, Richard J.: *See—*
  - Miller, David A.; Krueger, Leland R.; and Charlton, Richard J., 4,545,153, Cl. 51-118.000.
- Charlton, Steven C.; Fleming, Roger L.; and Lau, Authur L. Y., to Miles Laboratories, Inc. Compound useful in detecting ion and method of preparing it. 4,540,520, 9-10-85, Cl. 260-396.00N.
- Charlton, Steven C.: *See—*
  - Yip, Kin F.; and Charlton, Steven C., 4,552,697, Cl. 260-396.00N.
- Charneski, Mitchell D.: *See—*
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- Charney, Gregory S.; and Hohner, Terrance D. Desk top. 4,522,364, 6-11-85, Cl. 248-460.000.
- Charney, John G.: *See—*
  - Pickett, Charles G.; Charney, John G.; and Khasin, Marra, 4,497,706, Cl. 210-130.000.
- Charney, Joseph C.; Goodman, Phillip M.; and Morgan, Robert H., to EPR Corporation. Paint dispensing applicator with safety features. 4,537,522, 8-27-85, Cl. 401-218.000.
- Charon, Marie-Helcae; Fromageot, Pierre; and Van Chuong, Paul P., to Commissariat a l'Energie Atomique. Peptide derivatives, their preparation process and their pharmaceutical use. 4,530,837, 7-23-85, Cl. 514-18.000.
- Charpak, Georges: *See—*
  - Lewiner, Jacques; and Charpak, Georges, 4,553,089, Cl. 324-71.100.
- Charpentier, Albert J.; Redfield, James W.; and DiOrio, David W., to Commodore Business Machines, Inc. Digital sine-cosine generator. 4,551,682, 11-5-85, Cl. 328-22.000.
- Charpentier, Albert J.: *See—*
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- Charron, Dwayne, to Bangor Punta Corporation. Slide stop plate assembly for a handgun. 4,549,465, 10-29-85, Cl. 89-196.000.
- Charron, Jean-Claude; Mulsant, Philippe; and Poujoulat, Yvan, to Societe Anonyme Saunier Duval Eau Chaude Chauffage - S.D.E.C.C. Sealed forced-draft gas boiler disposition. 4,491,092, 1-1-85, Cl. 122-18.000.
- Charron, Jean-Claude. Pressure responsive cap for gas appliances. 4,518,003, 5-21-85, Cl. 137-65.000.
- Charruau, Stephane, to Thomson-CSF. System for selecting high-reliability integrated circuits. 4,495,622, 1-22-85, Cl. 371-20.000.
- Charruau, Stephane, to Thomson-CSF. Integrated-circuit support device employed in a system for selecting high-reliability integrated circuits. 4,514,786, 4-30-85, Cl. 361-413.000.
- Charte, Vincent J.: *See—*
  - Gradeff, Peter S.; Charte, Vincent J.; Schreiber, Fred G.; and Davison, John F., 4,545,923, Cl. 252-309.000.

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- Sullivan, Leroy J., 4,502,367, Cl. 89-181.000.
- Sullivan, Leroy J., 4,505,182, Cl. 89-132.000.
- Sullivan, Leroy J., 4,522,106, Cl. 89-140.000.

Charters, John E. Carbonaceous briquette. 4,515,601, 5-7-85, Cl. 44-19.000.

Chartier, Robert M.; and Richard, Jean P., to Consumers Glass Company Limited. Pilferproof cap. 4,529,096, 7-16-85, Cl. 215-252.000.

Chartrain, Armand N.; and Genne, Lee A. Battery post connector. 4,555,159, 11-26-85, Cl. 339-239.000.

Chartrain, Armand N.; and Genne, Lee A. Storage battery cover. 4,562,126, 12-31-85, Cl. 429-72.000.

Chartwell Corporation: *See—*
- Balch, Duane C., 4,512,547, Cl. 251-115.000.
- Balch, Duane C., 4,530,421, Cl. 184-1.500.

Charuau, Jean, to Commissariat a l'Energie Atomique. Pressure reducing device. 4,496,837, 1-29-85, Cl. 250-303.000.

Charvat, Rudolf M.: *See—*
- Prinz, A. F. Rudolf; and Charvat, Rudolf M., 4,532,810, Cl. 73-717.000.

Charvat, Vernon K., to Superior Finishers, Incorporated. Cushioned abrasive articles, and method of manufacture. 4,504,283, 3-12-85, Cl. 51-298.000.

Charveron, Marie: *See—*
- Cousse, Henri; Mouzin, Gilbert; Bonnaud, Bernard; Charveron, Marie; and Fauran, Francois, 4,507,318, Cl. 514-531.000.

Chasar, Dwight W., to B. F. Goodrich Company, The. 3,6-di-t-butyl-2-naphthyl catechol phosphite and compositions thereof. 4,495,320, 1-22-85, Cl. 524-101.000.

Chasar, Dwight W., to B. F. Goodrich Company, The. 2-naphthyl phosphoramidites and compositions thereof. 4,501,684, 2-26-85, Cl. 252-400.00A.

Chasar, Dwight W., to B. F. Goodrich Company, The. 2,4,6-tris(substituted phenoxy)-1,3,5,2,4,6-trioxatriphosphorinanes as stabilizers. 4,507,416, 3-26-85, Cl. 524-101.000.

Chasar, Dwight W.; and Matheny, Perry D., to B. F. Goodrich Company, The. Method for making 1,3,5,2,4,6-trioxatriphosphorinanes. 4,515,733, 5-7-85, Cl. 260-988.000.

Chasar, Dwight W., to B. F. Goodrich Company, The. Tris (3,6-di-t-butyl-2-naphthyl) phosphite and compositions thereof. 4,520,151, 5-28-85, Cl. 524-101.000.

Chasar, Dwight W., to B. F. Goodrich Company, The. Polyphosphoramidite oligomers and stabilizer compositions thereof. 4,522,735, 6-11-85, Cl. 252-49.900.

Chasar, Dwight W., to B. F. Goodrich Company, The. Substituted 2-(2,6-di-t-butly-4-alkylphenoxy) 4H-1,3,2-benzodioxaphosphorins and compositions thereof. 4,529,533, 7-16-85, Cl. 524-101.000.

Chase, Arthur P., to CRS Group, Inc. Tunnel lining. 4,497,590, 2-5-85, Cl. 405-152.000.

Chase Bag Company: *See—*
- Blanke, Richard H., Jr.; and Cale, Harold N., 4,493,127, Cl. 16-124.000.

Chase, Cleve D. Mobile boat dolly. 4,538,952, 9-3-85, Cl. 414-458.000.

Chase, David O.: *See—*
- Beattie, Patrick J.; and Chase, David O., 4,541,545, Cl. 220-431.000.

Chase, David W., to Bedford, C. Mitchell. Heat accumulator. 4,544,028, 10-1-85, Cl. 165-104.140.

Chase, J. Burrell. Roller skate brake. 4,526,389, 7-2-85, Cl. 280-11.210.

Chase, James W.: *See—*
- Worns, John R.; Chase, James W.; and Capriotti, Bruce W., 4,547,453, Cl. 430-271.000.

Chase, Karl L., to Sperry Corporation. Line pattern template generator. 4,524,353, 6-18-85, Cl. 340-732.000.

Chase, Roger P., to United States of America, Army. Method for identifying cable conductors using two signals at different frequencies. 4,506,210, 3-19-85, Cl. 324-66.000.

Chassaing, Jacques, to Adidas Fabrique de Chassures de Sport. Pedal block for cycle shoes. 4,506,463, 3-26-85, Cl. 36-131.000.

Chasse, Dennis W.; and Clark, Vincent M., to Honeywell Information Systems Inc. Digital pulse stretcher. 4,554,445, 11-19-85, Cl. 235-472.000.

Chastagner, Paul, to Regie Nationale des Usines Renault. Process and device for controlling the idling speed of a heat engine. 4,524,738, 6-25-85, Cl. 123-339.000.

Chastagner, Paul: *See—*
- Boccadoro, Yves; and Chastagner, Paul, 4,552,109, Cl. 123-339.000.

Chastain, Charles E.; and King, Donald R., to PRM Energy Systems, Inc. Particulate waste product combustion system. 4,517,905, 5-21-85, Cl. 110-346.000.

Chastain, David M.: *See—*
- Cline, James H.; and Chastain, David M., 4,528,666, Cl. 371-51.000.

Chastain, Edward H. Illuminating spinner. 4,562,516, 12-31-85, Cl. 362-78.000.

Chastain, Lemuel J. Space frame construction with mutually dependent surfaces. 4,548,004, 10-22-85, Cl. 52-81.000.

Chastang, Georges J.: *See—*
- Boy-Marcotte, Jean-Louis M. R.; Chastang, Georges J.; Salvaire, Laurent O.; and Burnouf, Christian D., 4,515,148, Cl. 126-438.000.

Chastine, Gary L.; and Haag, Norbert P., to General Electric Company. High-side refrigeration system assembly adapted to be mounted in a refrigerator machinery compartment. 4,490,990, 1-1-85, Cl. 62-279.000.

Chastine, Gary L., to General Electric Company. Household refrigerator compressor vibration isolator and condensate collecting tray. 4,490,992, 1-1-85, Cl. 62-295.000.

Chastrette, Francine; Bracoud, Corinne; and Chastrette, Maurice, to Societe Francaise Hoechst. 4,5-dialkoxy-1,3-dioxolane-2-carboxylic acids, their derivatives, preparation process and application. 4,556,718, 12-3-85, Cl. 549-449.000.

Chastrette, Maurice: *See—*
- Chastrette, Francine; Bracoud, Corinne; and Chastrette, Maurice, 4,556,718, Cl. 549-449.000.

Chatanier, Michel J.; Portat, Michel J.; and Bruere, Alain E., to Office National d'Etudes et de Recherches Aerospatiales. Electrical continuimeter. 4,546,310, 10-8-85, Cl. 324-52.000.

Chatanooga Corporation: *See—*
- Lie, Hakon, 4,509,743, Cl. 272-97.000.

Chatelain, Jean C., to Centre Technique de l'Industrie Horlogere "Cetehor". Step motor particularly for electronic timepieces. 4,518,884, 5-21-85, Cl. 310-49.000.

Chatelin, Roger: *See—*
- Wattiez, Daniel; Chatelin, Roger; and Bourgeois, Michel, 4,556,721, Cl. 556-128.000.

Chatlos, Richard, to Air-O-Scoop Corporation. Attachment for motor vehicles with rear windows. 4,503,756, 3-12-85, Cl. 98-2.120.

Chatterjea, Probir K., to Dresser Industries, Inc. Pilot valve including a hydraulically actuated detent. 4,530,376, 7-23-85, Cl. 137-636.100.

Chatterjea, Probir K., to Dresser Industries, Inc. Clutch-clutch-brake steering mechanism for tractors. 4,538,641, 9-3-85, Cl. 137-596.100.

Chatterjea, Probir K., to J. I. Case Company. Stabilizer for priority flow divider valve. 4,552,168, 11-12-85, Cl. 137-101.000.

Chatterjee, Pallab; Shichijo, Hisashi; and Leiss, John E., to Texas Instruments Incorporated. Contactless tite RAM. 4,545,034, 10-1-85, Cl. 365-182.000.

Chatterjee, Pallab K., to Texas Instruments Incorporated. Self-aligned stacked CMOS. 4,554,572, 11-19-85, Cl. 357-42.000.

Chatterjee, Shyam S.: *See—*
- Jaggy, Hermann E. W.; Chatterjee, Shyam S.; and Gabard, Bernard L., 4,528,289, Cl. 514-285.000.
- Klessing, Klaus; and Chatterjee, Shyam S., 4,542,137, Cl. 514-265.000.

Chatterley, Charles: *See—*
- Sonderegger, Henry R.; and Chatterley, Charles, 4,552,332, Cl. 251-148.000.

Chatterton, Robert T., Jr., to Northwestern University. Method of totally suppressing ovarian follicular development. 4,522,831, 6-11-85, Cl. 514-169.000.

Chattha, Mohinder S., to Ford Motor Company. Stabilized dispersion of cross-linked polymer particles. 4,493,914, 1-15-85, Cl. 523-436.000.

Chattha, Mohinder S.: *See—*
- Cassatta, Joseph C.; and Chattha, Mohinder S., 4,533,681, Cl. 523-400.000.
- Johnson, Milton D.; and Chattha, Mohinder S., 4,550,201, Cl. 564-15.000.
- Theodore, Ares N.; and Chattha, Mohinder S., 4,528,317, Cl. 524-504.000.
- Theodore, Ares N.; and Chattha, Mohinder S., 4,530,957, Cl. 524-504.000.
- Theodore, Ares N.; and Chattha, Mohinder S., 4,533,695, Cl. 524-504.000.

Chattin, Jess [illegible] telescoping device. 4,519,271, 5-28-85, Cl. 74-594.300.

Chattopadhay, Asoke: *See—*
- Ehrhart, Fritz; Chattopadhay, Asoke; and Schmidt, Karl, 4,543,939, Cl. 123-533.000.

Chaudhari, Praveen; and Muller, Rene, to International Business Machines Corporation. Method for producing large grained semiconductor ribbons. 4,515,650, 5-7-85, Cl. 156-622.000.

Chaudhary, Rashid A.: *See—*
- Ceurvels, Thomas J.; Chaudhary, Rashid A.; and Doherty, Charles F., Jr., 4,529,881, Cl. 250-353.000.

Chaudhry, Viren: *See—*
- Taracatac, Corazon A.; Flores, Luis; and Chaudhry, Viren, 4,495,177, Cl. 424-147.000.

Chaudhuri, Asit R.: *See—*
- Ekdahl, Wendell G.; Chaudhuri, Asit R.; and Miiller, William C., 4,555,492, Cl. 501-38.000.
- Ekdahl, Wendell G.; Chaudhuri, Asit R.; and Miiller, William C., 4,558,015, Cl. 501-38.000.

Chaudhuri, Dwaipayan; and Stebles, Malcolm R., to Lever Brothers Company. Skin treatment composition. 4,508,705, 4-2-85, Cl. 424-47.000.

Chaudot, Geard. System for increasing the recovery of product fluids from underwater marine deposits. 4,527,632, 7-9-85, Cl. 166-357.000.

Chaudot, Gerard. Operating system for increasing the recovery of fluids from a deposit, simplifying production and processing installations, and facilitating operations with enhanced safety. 4,506,735, 3-26-85, Cl. 166-357.000.

Chaudot, Gerard, to Cabinet Brot. Safety system intended in particular to elminate entrained or condensed liquids, and to limit the heat radiation when flaring or dispersing hydrocarbon gases. 4,516,932, 5-14-85, Cl. 431-202.000.

Chaudot, Gerard. System for preventing liquids from being driven to the flair stack tip. 4,547,149, 10-15-85, Cl. 431-202.000.

Chaudot, Gerard. Safety system for removing any risk of carrying liquids to the nose of the flare or to the vent-hole during burning or dispersion of the gases associated with production. 4,553,989, 11-19-85, Cl. 55-177.000.

Chaulk, Donald E., to Allis-Chalmers Corporation. Adjustable stop for position control lever for draft load sensing system. 4,501,168, 2-26-85, Cl. 74-526.000.

Chaum, David. Cryptographic identification, financial transaction, and credential device. 4,529,870, 7-16-85, Cl. 235-380.000.

Chaumard, Yvette. Apparatus for storing and dispensing parallelepipedic objects and packets, particularly packets of cigarettes, boxes and other articles. 4,504,100, 3-12-85, Cl. 312-71.000.

Chaumette, Jacques: *See—*

Aubry, Claude; Chaumette, Jacques; and Touchon, Pierre, 4,508,783, Cl. 428-410.000.

Chaumette, Patrick: *See—*

Courty, Philippe; Durand, Daniel; Travers, Christine; Chaumette, Patrick; and Forestiere, Alain, 4,552,861, Cl. 502-302.000.

Chauquet, Jacques, to Etablissements J. M. Chauquet. Gauge for testing the depth of a hole. 4,530,158, 7-23-85, Cl. 33-169.00B.

Chaussepied, Jacques E. C., to Societe Nationale Industrielle et Aerospatiale. Pressure balancing device which is watertight as concerns rainwater or trickling water, in particular for a transporting container. 4,516,686, 5-14-85, Cl. 220-85.00R.

Chaussy, Christian: *See—*

Forssmann, Bernd; Wess, Othmar; Zech, Hendrik; and Chaussy, Christian, 4,530,358, Cl. 128-328.000.

Forssmann, Bernd; Hepp, Wolfgang; Hoff, Guenter; and Chaussy, Christian, 4,539,989, Cl. 128-328.000.

Forssmann, Bernd; Gerth, Hans-Heinrich; Zech, Hendrik; and Chaussy, Christian, 4,552,348, Cl. 269-324.000.

Chaussy, Jacques; Genicon, Jean-Louis; Mazuer, Jean; Pilon, Jean; and Sulpice, Andre, to Centre National de la Recherche Scientifique. Process for making a connection between superconductive wires and to a connection obtained by this process. 4,558,512, 12-17-85, Cl. 29-599.000.

Chautemps, Jacques; and Descure, Pierrick, to Thomson-CSF. Method and apparatus for adjusting the operating conditions of a photosensitive charge transfer device. 4,553,168, 11-12-85, Cl. 358-213.000.

Chauveau, Jean-Marie, to Hasler Freres International S.A. Method for continuous weighing of divided products and apparatus for putting method to use. 4,526,244, 7-2-85, Cl. 177-1.000.

Chauvet, Pierre, to Societe d'Exploitation Cooperative de la Manufacture d'Armes et Cycles de St. Etienne (S.C.O.P.D. Manufrance), a part interest. Improved trigger mechanism for shotguns having superposed barrels. 4,551,936, 11-12-85, Cl. 42-42.00R.

Chauveton, Claude, to Creusot-Loire. Stirling-cycle engine. 4,495,771, 1-29-85, Cl. 60-525.000.

Chauviere, Henri, to Etudes Techniques et Representations Industrielles E.T.R.I. Part to be assembled and sub-assembly comprising said part and a nut. 4,536,100, 8-20-85, Cl. 403-12.000.

Chauviere, Henri: *See—*

Vettori, Claude; and Chauviere, Henri, 4,549,858, Cl. 417-353.000.

Chauvin, Bernard, to Bongrain S.A. Cheese with micro-organism—caused decoration on its rind and process for producing same. 4,500,550, 2-19-85, Cl. 426-38.000.

Chauvin, Jacques; and Molle, Roger, to Compagnie d'Electronique et de Piezo-Electricite. High frequency band-pass amplifier with adjustable impedance and oscillator including it. 4,540,956, 9-10-85, Cl. 331-116.00R.

Chauvin, John A. Method of automatic roux making. 4,492,713, 1-8-85, Cl. 426-231.000.

Chauvin, Richard: *See—*

McAuliffe, Lawrence, Jr.; and Chauvin, Richard, 4,524,743, Cl. 123-438.000.

Chauvin, Yves; Commereuc, Dominique; Hirschauer, Andre; Reffet, Dominique; and Stern, Robert, to Institut Francais du Petrole; and Societe Nationale Elf Aquitaine (Production). Process for manufacturing N-acyliminodiacetic acids. 4,533,500, 8-6-85, Cl. 260-404.000.

Chauvin, Yves: *See—*

Le Quan, Nhuong; Cruypelinck, Daniel; Commereuc, Dominique; Chauvin, Yves; and Leger, Gerard, 4,532,370, Cl. 585-512.000.

Quang, Dang V.; Sugier, Andre; Commereuc, Dominique; and Chauvin, Yves, 4,497,910, Cl. 518-700.000.

Seite, Claude; Commereuc, Dominique; and Chauvin, Yves, 4,511,743, Cl. 568-814.000.

Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, to Rhone-Poulenc Specialites Chimiques. Water soluble biogum compositions and hydrosols prepared therefrom. 4,519,844, 5-28-85, Cl. 106-209.000.

Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, to Rhone-Poulenc Specialites Chimiques. Water soluble gum/polymer compositions and hydrosols prepared therefrom. 4,548,734, 10-22-85, Cl. 252-311.000.

Chauzu, Albert: *See—*

Matteion, Jean-Claude; and Chauzu, Albert, 4,502,666, Cl. 254-134.3FT.

Chavand, Jean: *See—*

Billon-Pierron, Claude; Chavand, Jean; and Peccoud, Michel, 4,528,435, Cl. 219-69.00M.

Chavanoz S.A.: *See—*

Durand, Marc, 4,528,807, Cl. 57-6.000.

Chavdarian, Charles G.; and Haag, William G., to Stauffer Chemical Company. S-2-(carboalkoxyvinyl) trithiophosphonate insecticides. 4,544,651, 10-1-85, Cl. 514-120.000.

Chavdarian, Charles G.: *See—*

Haag, William G.; and Chavdarian, Charles G., 4,552,870, Cl. 514-89.000.

Chavers, Richard A.; and Duff, Oland J., to AT&T Technologies, Inc. Progressively-increasing clamping force lead and lead-substrate assembly. 4,502,745, 3-5-85, Cl. 339-17.00C.

Chaviers, Wallace M.: *See—*

Whatley, David L.; and Chaviers, Wallace M., 4,530,645, Cl. 417-399.000.

Chavin, Stephen I.; and Fay, Philip J., to University of Rochester. Preparation of highly purified human antihemophilic factor. 4,495,175, 1-22-85, Cl. 424-101.000.

Chavkin, Leonard, to Warren Glen Products, Inc. Mentholated oral composition. 4,534,960, 8-13-85, Cl. 424-49.000.

Chavkin, Leonard. Long-acting anhydrous antiperspirant compositions containing triacetin. 4,548,808, 10-22-85, Cl. 424-47.000.

Chazal, Guy A.; and Bodet, Jean A., to Societe Parisienne d'Impression et de Cartonnage. Container having one piece peripheral rim, at least two cardboard parts and a synthetic material layer. 4,533,065, 8-6-85, Cl. 220-462.000.

Chazal, Guy A.; and Bodet, Jean A., to Societe Parisienne d'Impression et de Cartonnage. Process of making folded cardboard container covered by a layer of synthetic material and provided with a peripheral frame. 4,555,381, 11-26-85, Cl. 264-516.000.

Chazan, David; and Katila, Michael J., to Raychem Corporation. Laminar electrical heaters. 4,517,449, 5-14-85, Cl. 219-549.000.

Chazan, David; and Katila, Michael J., to Raychem Corporation. Method of providing a protective covering over a substrate. 4,548,662, 10-22-85, Cl. 156-86.000.

Chazenfus, Henri; and Imbeaux, Jean C. Digital phase and amplitude modulator. 4,529,950, 7-16-85, Cl. 332-9.00T.

Chazov, Evgeny I.: *See—*

Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I., 4,529,589, Cl. 424-81.000.

Cheadle, Brian E.; and Lee, Gordon J., to Long Manufacturing Ltd. Layered solid corrosion inhibitors for use in corrodible devices for automatic addition to coolant systems. 4,497,364, 2-5-85, Cl. 165-134.00R.

Cheal, James; and Fitzsimons, James R., to Southwest Microwave. Intrusion detection system and method. 4,536,752, 8-20-85, Cl. 340-554.000.

Cheater, Maurice J. Cladding systems. 4,555,879, 12-3-85, Cl. 52-90.000.

Cheatham, James S. Versatile plurality mixer with rapid chance lot cycling and locking means. 4,509,755, 4-9-85, Cl. 273-144.00B.

Chebiniak, Paul; Kaschak, Ronald A.; and Root, Lois J., to International Business Machines Corporation. Deposition of a metal from an electroless plating composition. 4,552,787, 11-12-85, Cl. 427-304.000.

Chebra, Ronald J., to Base Ten Systems, Inc. Subscriber terminal polling unit. 4,527,235, 7-2-85, Cl. 364-200.000.

Chebra, Ronald J.: *See—*

James, Rolland T.; and Chebra, Ronald J., 4,528,423, Cl. 179-5.00R.

Checchetti, Maurizio. Method and an apparatus for controlling a.c. rotating machinery power plants. 4,543,513, 9-24-85, Cl. 318-158.000.

Check Technology Corporation: *See—*

McCumber, Roger D.; Peterson, Thomas L.; and Lee, Gerry A., 4,560,293, Cl. 400-61.000.

Checkland, John A.; and Woytiuk, Leo V., to Northern Telecom Limited. Inside telecommunication cable. 4,562,302, 12-31-85, Cl. 174-118.000.

Chee, Aik T.; and Kiat, Wee S., to Printed Circuits International, Inc. Electronic component cap and seal. 4,499,333, 2-12-85, Cl. 174-52.0FP.

Chee-Shuen Lee, Francis; Mills, Ross N.; and Talke, Frank E., to International Business Machines Corporation. Gray scale printing with ink jet drop-on demand printing head. 4,499,479, 2-12-85, Cl. 346-140.00R.

Chee, Wan T., to Boeing Company, The. Inlet cowl attachment for jet engine. 4,534,167, 8-13-85, Cl. 60-226.100.

Cheek, Alton E. Overshot. 4,515,403, 5-7-85, Cl. 294-86.310.

Cheek, Robert H. Cleaning composition and method. 4,507,155, 3-26-85, Cl. 134-6.000.

Cheer, David A., to J.P. Products, Inc. Tube joint. 4,523,780, 6-18-85, Cl. 285-399.000.

Cheeseboro, Robert G. Magnetically recordable label for mechanically-defined information-bearing discs. 4,523,305, 6-11-85, Cl. 369-33.000.

Cheeseman, Edward W.: *See—*

von Lersner, Wolf A.; Cheeseman, Edward W.; Simpson, Thomas K.; and Weaver, George R., 4,554,955, Cl. 141-1.000.

Cheesman, Anthony. Tear-open compartmented cat litter container. 4,553,671, 11-19-85, Cl. 206-611.000.

Cheetham, Ivan C.; and Pope, George A., to Dunlop Limited. Fire-barriers. 4,509,559, 4-9-85, Cl. 138-121.000.

Cheever, Dan R.: *See—*

Cannon, Lee E.; Schmitt, Peter C.; and Cheever, Dan R., 4,553,080, Cl. 318-696.000.

Cheever, Richard N., to Tetra Pak Developpement S.A. Method of cold cathode replenishment in electron beam apparatus and replenishable cold cathode assembly. 4,496,881, 1-29-85, Cl. 315-357.000.

Cheffer, Harold H., to NCR Corporation. High frequency inverter. 4,517,470, 5-14-85, Cl. 307-64.000.

Cheffer, Harold H.: *See—*

Rhoads, Paul M.; and Cheffer, Harold H., 4,516,035, Cl. 307-66.000.

Cheh, Christopher H.; and Glass, Roger W. Carbon dioxide removal method employing packed solid calcium hydroxide. 4,492,649, 1-8-85, Cl. 252-630.000.

Chekroun, Isaac; and Heymes, Alain, to Sanofi. Process for the preparation of β-cyclo-substituted ethylamines. 4,493,931, 1-15-85, Cl. 546-329.000.

Chelin, Cesare; and Ceradelli, Vittorio, to Ing. C. Olivetti & C., S.p.A. Device for positioning video display unit. 4,554,590, 11-19-85, Cl. 358-248.000.

- Chellis, Fred F.; and Moschetto, Samuel J., to Helix Technology Corporation. Electronic control of cryogenic refrigerators. 4,543,793, 10-1-85, Cl. 62-6.000.
- Chellis, Leroy N., to International Business Machines Corporation. Epoxy composition. 4,550,128, 10-29-85, Cl. 523-433.000.
- Chelu, Gerard, to Charbonnages de France. Process for deodorizing polluted air. 4,550,010, 10-29-85, Cl. 422-4.000.
- Chem-Elec, Inc.: *See*—
  - Woenker, William E., 4,500,046, Cl. 242-67.10R.
- Chem-Fleur International, Inc.: *See*—
  - McKenna, James E.; and Plocek, Thomas, 4,556,743, Cl. 568-433.000.
- Chem-Nuclear Systems, Inc.: *See*—
  - Carlson, John E., 4,499,200, Cl. 502-172.000.
- Chem-Pak, Inc.: *See*—
  - Duane, George P., Jr., 4,544,578, Cl. 427-140.000.
- Chem-Technics, Inc.: *See*—
  - Conner, Jesse R., 4,518,507, Cl. 210-747.000.
- Chemagnetics, Inc.: *See*—
  - Bartuska, Victor J.; Lewis, David H.; Lewis, Robin B.; and Dalbow, David G., 4,511,841, Cl. 324-321.000.
- Chemap AG: *See*—
  - Muller, Hans, 4,535,062, Cl. 435-289.000.
- Chembakaffery, George M.: *See*—
  - Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,492,298, Cl. 198-409.000.
  - Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,548,241, Cl. 140-89.000.
  - Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,553,324, Cl. 29-822.000.
  - Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,553,572, Cl. 140-92.800.
- Chemco Manufacturing Co., Inc.: *See*—
  - Schweizer, Randy, 4,493,718, Cl. 55-491.000.
- Chemet Corporation: *See*—
  - Jost, Ernest M., 4,509,980, Cl. 75-234.000.
- Chemetrics, Inc.: *See*—
  - Castaneda, Henry B., 4,537,747, Cl. 422-100.000.
- Chemex Pharmaceuticals, Inc.: *See*—
  - Parkhurst, Robert M.; and Pardini, Ronald S., 4,562,298, Cl. 568-644.000.
- Chemfix Technologies, Inc.: *See*—
  - Donaldson, David L., 4,509,696, Cl. 241-15.000.
- Chemical Bank: *See*—
  - Hough, Leslie; Phadnis, Shashikant P.; Khan, Riaz A.; and Jenner, Michael R., 4,549,013, Cl. 536-122.000.
- Chemical Fabrics Corporation: *See*—
  - Effenberger, John A.; and Keese, Frank M., 4,555,543, Cl. 524-520.000.
- Chemical Process Corporation: *See*—
  - Viswanathan, Tito; and Richardson, Thomas, 4,524,164, Cl. 524-14.000.
- Chemical Research & Licensing Company: *See*—
  - Hearn, Dennis, 4,510,336, Cl. 568-697.000.
  - Jones, Edward M., Jr., 4,504,687, Cl. 568-697.000.
  - Jones, Edward M., Jr., 4,536,373, Cl. 422-211.000.
  - Smith, Lawrence A., Jr., 4,551,567, Cl. 568-907.000.
- Chemicke zavody Juraja Dimitrova, narodny podnik: *See*—
  - Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.
- Chemie Linz Aktiengesellschaft: *See*—
  - Korsatko, Werner, 4,491,575, Cl. 424-19.000.
  - Lunzer, Friedrich, 4,503,225, Cl. 544-190.000.
  - Schneider, Heinrich; and Hammerschmidt, Johann, 4,497,097, Cl. 28-112.000.
  - Schnell, Peter; Bihlmayer, Gustav; and Daume, Dietrich, 4,543,145, Cl. 156-231.000.
  - Stern, Gerhard, 4,510,099, Cl. 260-465.50R.
- Chemie Und Filter GmbH, Verfahrenstechnik KG: *See*—
  - Berger, Hermann, 4,498,019, Cl. 307-132.00E.
  - Edler, Friedrich, 4,537,565, Cl. 417-413.000.
  - Edler, Friedrich, 4,547,680, Cl. 307-141.000.
  - Wally, Michael, 4,507,062, Cl. 417-413.000.
  - Wally, Michael, 4,523,902, Cl. 417-410.000.
- Chemiefaser Lenzing Aktiengesellschaft: *See*—
  - Schonberger, Johann; Bloo, Johann; Mistlberger, Bruno; and Gehmaier, Johann, 4,509,562, Cl. 139-13.00R.
- Chemische Fabrik Budenheim: *See*—
  - Frankenfeld, Klaus; Ruschke, Peter; Brodt, Peter; and Eich, Gerhard, 4,492,680, Cl. 423-321.00S.
- Chemische Fabrik Stockhausen & Cie: *See*—
  - Goossens, Bernhard; Kuster, Erich; Dahmen, Kurt; and Barthell, Eduard, 4,528,350, Cl. 526-307.000.
  - Hubner, Wolfgang; Klein, Helmut; Goldacker, Erhard; and Schroers, Otto, 4,530,943, Cl. 523-318.000.
- Chemische Fabrik Stockhausen GmbH: *See*—
  - Landscheidt, Alfons, 4,555,581, Cl. 549-463.000.
- Chemische Werke AG: *See*—
  - Kampf, Wolfgang; and Herrmann, Christoph, 4,556,754, Cl. 585-664.000.
- Chemische Werke Huels AG: *See*—
  - Aigner, Heinrich; Merget, Norbert; Norden, Jurgen; Schweppe, Manfred; and Wetter, Klaus, 4,505,732, Cl. 71-11.000.
  - Balzer, Dieter, 4,542,790, Cl. 166-274.000.
  - Bartmann, Martin; Bax, Hanns-Jorg; Burzin, Klaus; and Ribbing, Wilfried, 4,537,948, Cl. 528-215.000.
  - Benkmann, Christian, 4,498,910, Cl. 55-18.000.
  - Disteldorf, Josef; and Gras, Rainer, 4,500,697, Cl. 528-45.000.
  - Disteldorf, Josef; and Gras, Rainer, 4,500,698, Cl. 528-45.000.
  - Disteldorf, Josef; and Flakus, Werner, 4,518,740, Cl. 524-783.000.
  - Disteldorf, Josef; zur Hausen, Manfred; Hubel, Werner; and Kriebel, Gunter, 4,526,971, Cl. 546-186.000.
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Cneng, Dah Y., to International Power Technology, Inc. Control system for Cheng dual-fluid cycle engine system. 4,499,721, 2-19-85, Cl. 60-39.050.

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Cheng, David: *See—*
  Smith, Thomas W.; Cheng, David; and Ward, Anthony T., 4,496,957, Cl. 346-135.100.

Cheng, Fred T. J.; and Sauer, Don R., to National Semiconductor Corporation. PM decoder sample and hold circuit. 4,550,424, 10-29-85, Cl. 381-15.000.

Cheng, Hsiang T. Light-adjustment and switch structure for artistic table lamps. 4,556,824, 12-3-85, Cl. 315-362.000.

Cheng, Hsiang T. Exclusive plug for artistic table lamps. 4,558,261, 12-10-85, Cl. 315-209.00R.

Cheng, Huey-Der: *See—*
  Hsiao, Yu-Sheng; and Cheng, Huey-Der, 4,545,490, Cl. 211-191.000.

Cheng, Paul J., to Phillips Petroleum Company. Counter-rotational flow in a carbon black reactor. 4,501,720, 2-26-85, Cl. 422-156.000.

Cheng, Paul J., to Phillips Petroleum Company. Method of producing carbon black. 4,503,027, 3-5-85, Cl. 423-450.000.

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  Cheng, Chen-Yen; and Cheng, Sing-Wang, 4,505,728, Cl. 62-542.000.

Cheng, Tai C., and McKinley, Bruce A., to Raychem Corporation. Conductive polymers exhibiting PTC characteristics. 4,514,620, 4-30-85, Cl. 219-553.000.

Chenoweth, David V., and McStravick, David M., to Baker Oil Tools, Inc. Gas well liquid removal system and process. 4,509,599, 4-9-85, Cl. 166-370.000.

Chenoweth, Terrence E.: *See—*

Dakin, Thomas W.; Studniarz, Stanley A.; and Chenoweth, Terrence E., 4,537,803, Cl. 427-385.500.

Chepurnoi, Anatoly D.: *See—*

Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.

Cherbuy, Bernard: *See—*

Binder, Jean-Jacques; and Cherbuy, Bernard, 4,538,321, Cl. 15-306.00R.

Voirin, Jean-Philippe; and Cherbuy, Bernard, 4,492,178, Cl. 118-653.000.

Cherdron, Harald; Gordon, Wolfgang; and Kloos, Friedrich, to Hoechst Aktiengesellschaft. Polyoxymethylene fibrids, a process for their production and their use. 4,493,751, 1-15-85, Cl. 162-157.200.

Cheresnowsky, Michael J.; Brunelli, Timothy A.; Munn, Robin W.; and Kim, Tai K., to GTE Products Corporation. Process for purifying molybdenum trioxide. 4,525,331, 6-25-85, Cl. 423-54.000.

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Cherish, Peter: *See—*

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Cherkasky, Miles R.; and Canamero, Ernest V., to Cherkasky, Miles R. Apparatus for making deep dish pizza crusts or the like. 4,500,276, 2-19-85, Cl. 425-297.000.

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Bondar, Ljudmila S.; Okunev, Rostan A.; Polezhaev, Lev V.; Kolchin, Sergei P.; Cherkasova, Ljudmila V.; and Nikolaeva, Lilia F., 4,495,201, Cl. 514-560.000.

Chermann, Jean-Claude; Jasmin, Claude; Mathe, Georges; Raynaud, Marcel, deceased; and Raynaud, Odette J., heir, to Cabinet Harle & Phelip. Antiviral agent. 4,547,369, 10-15-85, Cl. 424-131.000.

Chermey, Yvette L.: *See—*

Sines, Thomas E.; and Chermey, Yvette L., 4,527,648, Cl. 180-6.500.

Chern, Mao-Jin; Smith, Ronald T.; and Peters, John W., to Hughes Aircraft Company. Process for forming a graded index optical material and structures formed thereby. 4,545,646, 10-8-85, Cl. 350-162.200.

Chernack, Milton: *See—*

Greenberg, Mishel; Smyers, William H., Jr.; and Chernack, Milton, 4,499,905, Cl. 128-727.000.

Cherne Industries, Inc.: *See—*

Mathison, Allen D.; Nelson, Dale K.; and Cherne, Lloyd G., 4,493,344, Cl. 138-89.000.

Cherne, Lloyd G.: *See—*

Mathison, Allen D.; Nelson, Dale K.; and Cherne, Lloyd G., 4,493,344, Cl. 138-89.000.

Cherney, Dale M., to Hayssen Manufacturing Company. Method of and apparatus for forming, filling and sealing packages. 4,546,596, 10-15-85, Cl. 53-451.000.

Cherney, Leon; Gorman, Charles R.; Traynor, Sean G.; and Cardenas, Carlos G., to SCM Corporation. Preparation of 1,3-dienamines from myrcene and substituted myrcene. 4,533,751, 8-6-85, Cl. 564-408.000.

Chernin, Mikhail M.: *See—*

Maltsev, Jury S.; Shevchenko, Viktor D.; and Chernin, Mikhail M., 4,509,134, Cl. 364-813.000.

Chernoff, Edward A.; Lindtveit, Kirby M.; and Levy, Paul, to Motors & Armatures, Inc. Universally mountable motors. 4,506,179, 3-19-85, Cl. 310-91.000.

Chernovitz, John J.: *See—*

Bialczak, Edward C.; and Chernovitz, John J., 4,495,269, Cl. 430-150.000.

Chernyavsky, Vladimir P.: *See—*

Antonov, Jury F.; Ilogansen, Vadim I.; Tkachenko, Alexei S.; Chernyavsky, Vladimir P.; and Shapiro, Aron B., 4,496,870, Cl. 310-260.000.

Chernykh, Viktor V.: *See—*

Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.

Cherry, Carl J.: *See—*

Gower, Irving W.; Cherry, Carl J.; and Yang, David S., 4,523,949, Cl. 75-24.000.

Cherry Electrical Products Corporation: *See—*

Chamberlin, Rhodes R., 4,502,917, Cl. 156-645.000.

Cherry, Walter L., 4,529,848, Cl. 200-5.00A.

Cokefair, Jon, 4,520,290, Cl. 313-15.000.

Leger, Raymond A., 4,547,634, Cl. 200-50.00C.

Lewandowski, Raymond; and Leger, Raymond A., 4,528,430, Cl. 200-61.620.

Lewandowski, Raymond, 4,529,852, Cl. 200-50.00A.

Cherry, Hitesh; and Werner, Walter M., to AMP Incorporated. Insulation piercing coaxial grip splice device. 4,508,409, 4-2-85, Cl. 339-97.00R.

Cherry, Martin. Media guide. 4,496,171, 1-29-85, Cl. 283-61.000.

Cherry, Sidney J., to Westinghouse Electric Corp. Vacuum interrupter contact material. 4,501,941, 2-26-85, Cl. 200-144.00B.

Cherry, Sidney J., to Westinghouse Electric Corp. Cup type vacuum interrupter contact. 4,553,003, 11-12-85, Cl. 200-144.00B.

Cherry, Sidney J.; and Turner, George R., to Westinghouse Electric Corp. Vacuum interrupter guide bushing retainer means. 4,557,529, 12-10-85, Cl. 308-4.00R.

Cherry, Walter L., to Cherry Electrical Products Corporation. Switch with conical spring actuator. 4,529,848, 7-16-85, Cl. 200-5.00A.

Cherry, William D.: *See—*

Goldie, Harry; and Cherry, William D., 4,496,917, Cl. 333-13.000.

Chersich, Claudio C.: *See—*

Wachs, Israel; and Chersich, Claudio C., 4,544,649, Cl. 502-350.000.

Wachs, Israel E.; Fiato, Rocco A.; and Chersich, Claudio C., 4,559,365, Cl. 518-717.000.

Chertilina, Tamara A.: *See—*

Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.

Chertok, Burton Z., to Burton Energy and Solar Technology Inc. Solar energy and venting systems. 4,503,840, 3-12-85, Cl. 126-444.000.

Cherukuri, Subraman R.; Bilka, Kenneth P.; and Hriscisce, Frank T., to Warner-Lambert Company. Chewing gum composition having enhanced flavor-sweetness. 4,497,832, 2-5-85, Cl. 426-5.000.

Cherukuri, Subraman R.; Marschall-Helman, Ellen; and Hriscisce, Frank T., to Warner-Lambert Company. Non-adhesive chewing gum base composition. 4,518,615, 5-21-85, Cl. 426-4.000.

Cheruvu, Subrahmanyam, to Mobil Oil Corporation. Method for conditioning phosphate ores. 4,556,545, 12-3-85, Cl. 423-167.000.

Chervenak, Michael C.; Eccles, Richard M.; and Nongbri, Govanon, to HRI, Inc. Sustained high hydroconversion of petroleum residua feedstocks. 4,521,295, 6-4-85, Cl. 208-59.000.

Chervenak, Paul R., to Granning Suspensions, Inc. Vehicle axle suspension. 4,497,507, 2-5-85, Cl. 280-704.000.

Chervenic, Jack: *See—*

Gantley, Francis C.; Chervenic, Jack; and Suconick, David J., 4,558,171, Cl. 174-52.0FP.

Chervitz, Melvin. Fever thermometer. 4,509,533, 4-9-85, Cl. 128-736.000.

Chesebro, Donald G.; and Soychak, Francis J., to International Business Machines Corporation. Method of making a trench isolated device. 4,519,128, 5-28-85, Cl. 29-576.00W.

Chesebrough-Pond's Inc.: *See—*

Dodds, Stephen G., 4,501,076, Cl. 36-11.000.

Ehrgott, Charles W., 4,495,798, Cl. 73-54.000.

Engle, Elbert, 4,541,353, Cl. 112-304.000.

Engle, Elbert, 4,555,102, Cl. 271-4.000.

Gordon, Philip J., 4,534,963, Cl. 424-69.000.

Greenberg, Mishel; Smyers, William H., Jr.; and Chernack, Milton, 4,499,905, Cl. 128-727.000.

McKnight, James T.; and Silverstein, Paul, 4,561,435, Cl. 128-156.000.

Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., to James River-Norwalk, Inc. Apparatus and method for the manufacture of a non-woven fibrous web. 4,498,956, 2-12-85, Cl. 162-101.000.

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Cheskis, Harvey P.: *See—*

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Tyler, Derek E.; Cheskis, Harvey P.; and Tungatt, Paul D., 4,537,627, Cl. 75-76.000.

Chesler, David A.: *See—*

Burnham, Charles A.; Bradshaw, John F., Jr.; Kaufman, David E.; Chesler, David A.; and Brownell, Gordon L., 4,531,058, Cl. 250-363.00S.

Chesley, Ray F.: *See—*

Minshew, Edward C., Jr.; and Chesley, Ray F., 4,498,510, Cl. 141-27.000.

Cheslow, Ernest: *See—*

Khalil, Ezzat N.; and Cheslow, Ernest, 4,524,787, Cl. 132-7.000.

Chesnel, Pierre: *See—*

Pottier, Alain; and Chesnel, Pierre, 4,496,008, Cl. 175-4.600.

Chesney, Joseph J., Jr.; Broney, Scott C.; and Ely, George A., to Tile Council of America, Inc. Fungicidal grout composition. 4,556,426, 12-3-85, Cl. 106-18.320.

Chesney, Lloyd: *See—*

Hayes, Daniel F.; Sias, Robert G.; Chesney, Lloyd; and Waldron, John W., 4,525,253, Cl. 204-149.000.

Chesnut, M. Gaines. Cartridge clip. 4,509,283, 4-9-85, Cl. 42-50.000.

Chessel, Bernard: *See—*

Sarrazin, Jean-Michel; and Chessel, Bernard, 4,495,740, Cl. 52-309.100.

Chessell Limited: *See—*

Houldsworth, John, 4,528,754, Cl. 33-18.00R.

Chesson, Edwin E.: *See—*
- Borsuk, Gerald M.; Chesson, Edwin E.; Beard, Jerome C.; and Lisle, Thomas K., Jr., 4,521,896, Cl. 377-60.000.

Chester, Arthur W.; Garwood, William E.; and Schwartz, Albert B., to Mobil Oil Corporation. Process for the production of high viscosity index lubricating oils from olefins. 4,517,399, 5-14-85, Cl. 585-533.000.

Chester, Arthur W.; and Chu, Yung-Feng, to Mobil Oil Corporation. Active zeolite catalysts of improved stability. 4,522,929, 6-11-85, Cl. 502-77.000.

Chester, Arthur W.; Chou, Tai-Sheng; and Chu, Yung-Feng, to Mobil Oil Corporation. Process for syngas conversions to liquid hydrocarbon products utilizing ZSM-45 zeolite. 4,523,047, 6-11-85, Cl. 585-322.000.

Chester, Arthur W.; Garwood, William E.; Lucki, Stanley J.; and Tabak, Samuel A., to Mobil Oil Corporation. Process for producing high viscosity index lubes. 4,524,232, 6-18-85, Cl. 585-517.000.

Chester, Arthur W.; and Murray, James G., to Mobil Oil Corporation. Catalyst for olefin polymerization. 4,526,942, 7-2-85, Cl. 526-130.000.

Chester, Martin H.; and Norman, Cary A. Clamp-on nerve stimulator and locator. 4,515,168, 5-7-85, Cl. 128-741.000.

Chester, Thomas M. Scalp massager. 4,506,659, 3-26-85, Cl. 128-52.000.

Chesters, David A., to British Petroleum Company Limited. Flame stabilizer. 4,548,576, 10-22-85, Cl. 431-202.000.

Chestnut, Billy D. Fisherman's accessory. 4,497,129, 2-5-85, Cl. 43-21.200.

Chestnut, Raymond; Colussi, John J.; Frost, Donald J.; Keen, William E., Jr.; and Raduta, Margaret C., to Conversion Systems, Inc. Method of stabilizing organic waste. 4,514,307, 4-30-85, Cl. 210-751.000.

Chetland, John E.: *See—*
- Davidson, Murray J.; and Chetland, John E., 4,557,449, Cl. 248-160.000.

Chetty, P. R. K.; Dhyanchand, John; and Thollot, Pierre, to Sundstrand Corporation. Switch current sensing with snubber current suppression in a push-pull converter. 4,542,440, 9-17-85, Cl. 361-111.000.

Cheung, Derek T., to Rockwell International Corporation. Pyroelectric thermal detector array. 4,532,424, 7-30-85, Cl. 250-338.000.

Cheung, Harry, to Union Carbide Corporation. Process to produce ultrahigh purity oxygen. 4,560,397, 12-24-85, Cl. 62-28.000.

Cheung, Harry: *See—*
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Cheung, Kin L., to Wang Laboratories, Inc. Data transmitting link. 4,509,140, 4-2-85, Cl. 364-900.000.

Cheung, Li-Fung: *See—*
- Zomorrodi, Mehrdad; Cheung, Li-Fung; and Law, Simon M. L., 4,550,254, Cl. 250-338.000.

Cheung, Maxwell C. Offshore oil storage and transfer facility. 4,556,343, 12-3-85, Cl. 405-210.000.

Cheung, Nai-Kong V.: *See—*
- Reid, Michael J.; Kwasnicki, J. Michael; and Cheung, Nai-Kong V., 4,539,292, Cl. 435-7.000.

Cheung, William S. H., to Payview Limited. Apparatus for encoding and decoding information. 4,527,195, 7-2-85, Cl. 358-120.000.

Cheung, Yin L.: *See—*
- Long, Stephen L.; Cheung, Yin L.; and Brown, Alfred, 4,547,078, Cl. 374-42.000.
- Long, Stephen L.; and Cheung, Yin L., 4,561,785, Cl. 374-42.000.

Cheux, Auguste: *See—*
- Brun, Claude; Cheux, Auguste; and Pelletier, Robert, 4,558,023, Cl. 502-108.000.

Chevalet, Jean; and Reeves, Robert, to Centre National de la Recherche Scientifique. Interface for managing information exchanges on a communications bus. 4,542,501, 9-17-85, Cl. 370-85.000.

Chevalier, Andre, to Institut Francais du Petrole. Plug-in electric connector for use in a liquid medium. 4,500,155, 2-19-85, Cl. 339-94.00M.

Chevalier, Andre, to Institut Francais du Petrole. Assembly for effecting an electric connection through a pipe formed of several elements. 4,557,538, 12-10-85, Cl. 339-16.00C.

Chevalier-Bultel, Jean P.: *See—*
- Lalancette, Jean M.; Chevalier-Bultel, Jean P.; and Labonte, Normand, 4,519,811, Cl. 51-309.000.

Chevalier, Claude, to Compagnie Industrielle de Mecanismes. Slide mechanism, in particular for an automobile vehicle seat. 4,556,263, 12-3-85, Cl. 308-6.00R.

Chevalier, Gilbert. Central heating method and plant. 4,542,850, 9-24-85, Cl. 236-20.00R.

Chevallier, Sammy, to Societe Nationale des Poudres et Explosifs; and Office National d'Etudes et de Recherches Aerospatiales. Polystyrylpyridine resins having an increased toughness, and composite materials comprising these resins. 4,540,770, 9-10-85, Cl. 528-248.000.

Chevee, Gerard: *See—*
- Noirel, Yves M.; Vardo, Jean-Claude; and Chevee, Gerard, 4,554,660, Cl. 370-94.000.

Chevillard, Francis: *See—*
- Tritton, Victor R.; Tritton, Gary E.; and Chevillard, Francis, 4,527,308, Cl. 24-30.50R.

Chevrel, Roger; Attard, Michel; and Leviandier, Michel, to Compagnie d'Informatique Militaire Spatiale & Aeronautique. Device for opening and closing an exit slit for a data carrier and a printer utilizing such device. 4,515,491, 5-7-85, Cl. 400-693.000.

Chevrier, Jean: *See—*
- Trong, Linh N.; and Chevrier, Jean, 4,539,501, Cl. 310-313.00A.

Chevrier, Rene R.; and Schatz, Bernard B. Automatic gage measuring machine. 4,503,617, 3-12-85, Cl. 33-174.00L.

Chevron Research Company: *See—*
- Baugher, Stuart W., 4,550,690, Cl. 122-510.000.
- Bert, Jack A.; and Olsen, R. Eric, 4,517,943, Cl. 123-415.000.
- Bezman, Richard D., 4,556,646, Cl. 502-66.000.
- Blanton, William A., 4,497,598, Cl. 406-114.000.
- Blanton, William A., Jr.; and Dimpel, William L., 4,521,389, Cl. 423-235.000.
- Brown, Lewis R.; and Brown-Skrobot, Susan, 4,534,965, Cl. 424-93.000.
- Brown, Robert J. S., 4,542,343, Cl. 324-307.000.
- Buckley, Thomas F., 4,495,075, Cl. 252-32.70E.
- Buss, Waldeen C., 4,507,397, Cl. 502-38.000.
- Buss, Waldeen C., 4,517,306, Cl. 502-74.000.
- Campbell, Curtis B., 4,526,587, Cl. 44-73.000.
- Campbell, Curtis B., 4,527,996, Cl. 44-72.000.
- Campbell, Curtis B., 4,537,693, Cl. 252-51.50R.
- Campbell, Frank L.; Barnum, Dean C.; and Corea, William C., 4,492,275, Cl. 175-46.000.
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- Chan, David C. K., 4,494,978, Cl. 71-117.000.
- Chan, David C. K., 4,544,661, Cl. 514-345.000.
- Chin, Thomas G.; and Alston, Arthur, 4,522,056, Cl. 73-64.200.
- Chin, Thomas G.; Klaver, Rudy F.; and Alston, Arthur, 4,523,860, Cl. 374-27.000.
- Chin, Thomas G.; and Alston, Arthur, 4,543,819, Cl. 73-64.200.
- Connell, David E.; and Chapman, Colin M., 4,511,544, Cl. 423-224.000.
- Current, Steven P., 4,523,029, Cl. 560-204.000.
- Davies, Bryan T., 4,504,393, Cl. 210-614.000.
- Demaison, Gerard J.; and Kaplan, Isaac R., 4,560,664, Cl. 436-29.000.
- Denisevich, Peter, Jr.; Suzuki, Shigeto; Kurkov, Victor P.; and Schroeder, Albert H., 4,502,980, Cl. 252-500.000.
- Denisevich, Peter, Jr., 4,505,841, Cl. 252-500.000.
- Denisevich, Peter, Jr., 4,505,844, Cl. 252-500.000.
- DePriester, Coral L., 4,501,329, Cl. 166-292.000.
- Devries, Louis; and Ryason, P. R., 4,507,517, Cl. 585-415.000.
- Duerksen, John H.; Wall, Robert G.; and Knight, Jack D., 4,556,107, Cl. 166-272.000.
- Edwards, Laroy H., 4,499,098, Cl. 514-364.000.
- Edwards, Laroy H., 4,500,539, Cl. 514-364.000.
- Elson, Thomas D.; and Millhone, Ralph S., 4,537,254, Cl. 166-278.000.
- Elson, Thomas D.; and Millhone, Ralph S., 4,548,269, Cl. 166-276.000.
- Englander, Hank E., 4,504,444, Cl. 422-100.000.
- Erdman, Timothy R., 4,521,319, Cl. 252-47.500.
- Erdman, Timothy R., 4,548,722, Cl. 252-33.000.
- Ergas, Raymond A.; and Muir, Francis, 4,543,632, Cl. 364-421.000.
- Farnham, Robert A.; Zestar, Lawrence P.; and Bertelsen, Corey A., 4,495,058, Cl. 208-11.00R.
- Feldman, Richard B., 4,538,141, Cl. 340-604.000.
- Ferm, Richard L., 4,551,226, Cl. 208-48.0AA.
- Field, Leslie A., 4,539,304, Cl. 502-66.000.
- Field, Leslie A., 4,560,820, Cl. 585-489.000.
- Foller, Peter C., 4,560,443, Cl. 204-283.000.
- Fox, Richard C., 4,508,568, Cl. 106-2.000.
- Fries, Bernard A., 4,532,026, Cl. 208-164.000.
- Gassaway, Gary S.; Richgels, Henry J.; and Foster, James L., 4,528,649, Cl. 367-36.000.
- Gibson, Kirk R., 4,495,308, Cl. 502-355.000.
- Glova, David J., 4,556,496, Cl. 252-33.000.
- Goodman, Jack E., 4,505,223, Cl. 118-401.000.
- Goodrich, Judson E., 4,559,128, Cl. 208-22.000.
- Gould, Gordon; Soodak, Charles I.; and Thompson, Robert E., 4,504,112, Cl. 350-96.230.
- Gouw, T. H., 4,537,605, Cl. 55-48.000.
- Graf, Peter E.; and Goodrich, Judson E., 4,523,957, Cl. 106-277.000.
- Gunzel, Rudolph M., Jr.; Wichman, William J.; and Fujitaki, Roy K., 4,527,740, Cl. 239-318.000.
- Haas, John C., 4,519,810, Cl. 48-202.000.
- Herkenhoff, Earl F.; and Ostrander, William J., 4,554,649, Cl. 367-68.000.
- Hickson, Donald A., 4,507,396, Cl. 502-8.000.
- Hubred, Gale L.; and Van Leirsburg, Dean A., 4,500,495, Cl. 423-53.000.
- Hubred, Gale L., 4,514,368, Cl. 423-54.000.
- Hubred, Gale L.; and Van Leirsburg, Dean A., 4,514,369, Cl. 423-54.000.
- Hubred, Gale L.; and Van Leirsburg, Dean A., 4,515,757, Cl. 423-54.000.
- Jessel, Alfred J., 4,541,383, Cl. 123-435.000.
- Jordan, Roland H., 4,554,070, Cl. 210-109.000.
- Kelley, Max D., 4,544,478, Cl. 208-11.00R.
- King, William F., 4,533,658, Cl. 514-92.000.
- King, William F., 4,562,180, Cl. 514-114.000.
- Klaassen, Alan W.; and Bezman, Richard D., 4,544,645, Cl. 502-66.000.
- Klee, Howard W., Jr., 4,525,338, Cl. 423-573.00G.
- Krug, Russell R., and Schmidt, Peter C., 4,500,423, Cl. 208-161.000.
- Kuehler, Christopher W., 4,510,038, Cl. 208-10.000.
- Kuehler, Christopher W., 4,559,132, Cl. 208-157.000.

  - Kurkov, Victor P., 4,504,486, Cl. 514-380.000.
  - Kurkov, Victor P., 4,505,840, Cl. 252-500.000.
  - Kurkov, Victor P.; Schroeder, Albert H.; Denisevich, Peter, Jr.; and Suzuki, Shigeto, 4,505,842, Cl. 252-500.000.
  - Kurkov, Victor P., 4,522,745, Cl. 252-500.000.
  - Liston, Thomas V., 4,495,088, Cl. 252-32.70E.
  - Loh, William, 4,497,649, Cl. 71-88.000.
  - Loh, William, 4,515,618, Cl. 71-88.000.
  - Loh, William, 4,521,240, Cl. 71-88.000.
  - Loh, William, 4,534,785, Cl. 71-88.000.
  - Loh, William, 4,554,010, Cl. 71-88.000.
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  - Luo, Tatao; Russo, Louis; and Freenor, Francis J., III, 4,534,786, Cl. 71-88.000.
  - Magee, Philip S., 4,511,735, Cl. 514-601.000.
  - Marcantonio, Paul J., 4,537,751, Cl. 423-114.000.
  - Marcantonio, Paul J., 4,544,533, Cl. 423-67.000.
  - Marcantonio, Paul J., 4,551,315, Cl. 423-67.000.
  - Marcantonio, Paul J., 4,554,138, Cl. 423-53.000.
  - Mayer, Jerome F.; and Miller, Stephen J., 4,495,061, Cl. 208-89.000.
  - Miller, Stephen J., 4,511,746, Cl. 585-323.000.
  - Miller, Stephen J., 4,511,750, Cl. 585-526.000.
  - Miller, Stephen J., 4,538,012, Cl. 585-255.000.
  - Miller, Stephen J., 4,542,251, Cl. 585-533.000.
  - Miller, Stephen J., 4,551,438, Cl. 502-62.000.
  - Miller, Stephen J., 4,561,967, Cl. 208-120.000.
  - Nicksic, Stephen W.; and Starke, George W., 4,560,663, Cl. 436-25.000.
  - Nielsen, William C., 4,532,025, Cl. 205-113.000.
  - Nimer, Edward L.; and Campbell, Robert W., 4,496,659, Cl. 501-140.000.
  - Olbrich, Hazel C.; and O'Rear, Dennis J., 4,502,945, Cl. 208-120.000.
  - Ostrander, William J., 4,562,558, Cl. 367-68.000.
  - Papir, Yoram S., 4,519,937, Cl. 252-500.000.
  - Papir, Yoram S., 4,519,938, Cl. 252-500.000.
  - Pecoraro, Theresa A.; Krug, Russell R.; and Deady, Joanne, 4,551,229, Cl. 208-76.000.
  - Platt, James L., Jr.; and Ellis, John R. B., 4,536,973, Cl. 34-182.000.
  - Plavac, Frank, 4,521,610, Cl. 560-27.000.
  - Pyle, Walter R., 4,503,994, Cl. 222-64.000.
  - Reynolds, John G.; Yu, S. Gary; and Lewis, Robert T., 4,559,129, Cl. 208-59.000.
  - Reynolds, John G.; Yu, S. Gary; and Beret, Samil, 4,559,130, Cl. 208-59.000.
  - Roberts, F. Alex, 4,555,779, Cl. 367-19.000.
  - Rose, Allan F., 4,512,995, Cl. 514-277.000.
  - Rosenbaum, John M., 4,534,955, Cl. 423-573.00R.
  - Santilli, Donald S.; and Zones, Stacey I., 4,496,786, Cl. 585-640.000.
  - Schinski, William L.; and Lukens, Raymond J., 4,531,968, Cl. 71-98.000.
  - Schroeder, Albert H.; Denisevich, Peter, Jr.; Suzuki, Shigeto; and Kurkov, Victor P., 4,519,940, Cl. 252-500.000.
  - Shippey, Michael A., 4,548,723, Cl. 252-39.000.
  - Shippey, Michael A., 4,550,197, Cl. 562-460.000.
  - Sigworth, Harrison W., Jr., 4,496,001, Cl. 166-387.000.
  - Silcox, William H., 4,521,135, Cl. 405-224.000.
  - Simon, Ralph, 4,512,400, Cl. 166-245.000.
  - Sollie, Steinar; and Andresen, Arild A., 4,518,050, Cl. 175-250.000.
  - Sollie, Steinar; and Andresen, Arild A., 4,518,051, Cl. 175-250.000.
  - Spars, Byron G.; Klett, Robert J.; and Wallman, P. Henrik, 4,507,195, Cl. 208-11.00R.
  - Spars, Byron G.; Klett, Robert J.; and Wallman, P. Henrik, 4,521,292, Cl. 208-11.00R.
  - Spatz, David M., 4,504,484, Cl. 514-357.000.
  - Spatz, David M., 4,532,251, Cl. 514-354.000.
  - Spatz, David M., 4,535,087, Cl. 514-352.000.
  - Starkston, Robert; Luce, Mark C.; and Homsy, Robert V., 4,539,189, Cl. 423-220.000.
  - Streib, Stephen F., 4,494,112, Cl. 340-606.000.
  - Streib, Stephen F., 4,495,488, Cl. 340-606.000.
  - Suzuki, Shigeto; Kurkov, Victor P.; Schroeder, Albert H.; and Denisevich, Peter, Jr., 4,505,843, Cl. 252-500.000.
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  - Sweeney, William A., 4,527,004, Cl. 585-851.000.
  - Sweeney, William A., 4,545,855, Cl. 162-158.000.
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  - Thompson, Robert E., 4,523,804, Cl. 350-96.230.
  - Van Nordstrand, Robert A., 4,547,472, Cl. 502-66.000.
  - Wallman, P. Henrik, 4,495,059, Cl. 208-11.00R.
  - Ward, Carl E., 4,537,623, Cl. 71-90.000.
  - Wilson, Charles R.; Buss, Waldeen C.; and Field, Leslie A., 4,539,305, Cl. 502-66.000.
  - Yu, S. Gary; and Reynolds, John G., 4,560,465, Cl. 208-59.000.
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  - Zones, Stacey I., 4,510,256, Cl. 502-62.000.
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  - Fauvarque, Jean-Francois; Jutand, Anny; Chevrot, Claude; Pfluger, Fernando; and Troupel, Michel, 4,517,061, Cl. 204-59.00R.
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  - Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., 4,535,220, Cl. 219-121.0LM.
  - Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., 4,556,524, Cl. 264-1.200.
- Chew, Remedios K.: *See—*
  - Pastor, Ricardo C.; and Chew, Remedios K., 4,519,986, Cl. 423-19.000.
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  - Brand, Glen; and Chew, Timmy L., 4,520,841, Cl. 137-270.000.
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- Chezem, Jimmie A.; and Burks, Gary E., to Plateau Products Corporation. Spring biased door stop having a vertically movable tension member. 4,514,000, 4-30-85, Cl. 292-338.000.
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- Chi Yu, Simon S. Wide band full duty cycle isolated transformer driver. 4,527,228, 7-2-85, Cl. 363-98.000.
- Chia, Joan K.: *See—*
  - Cockrum, Charles A.; Chia, Joan K.; and Kreider, James F., 4,524,378, Cl. 357-71.000.
- Chiaki, Nobutaka: *See—*
  - Matsushima, Yoshiaki; Chiaki, Nobutaka; Kato, Kuniaki; and Horikiri, Toshihiko, 4,561,628, Cl. 251-30.010.
- Chiama, Bernard A., to Xerox Corporation. Very high speed duplicator with finishing function for duplex copying doing immediate inversion of copy sheets. 4,558,942, 12-17-85, Cl. 355-14.0SH.
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  - Pecoraro, Theresa A.; and Chianelli, Russell R., 4,528,089, Cl. 208-216.00R.
  - Seiver, Robert L.; and Chianelli, Russell R., 4,540,482, Cl. 208-215.000.
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  - Sung, Sam C. Y., 4,551,923, Cl. 33-476.000.
- Chiang, Hsing-Hui, to Asian Star, U.S.A., Inc. Method for making a hat. 4,545,313, 10-8-85, Cl. 112-263.100.
- Chiang, Robert L.: *See—*
  - Seese, Mark A.; and Chiang, Robert L., 4,499,197, Cl. 502-65.000.
- Chiang, Yuan C.: *See—*
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- Chiapetta, Frank: *See—*
  - Mack, William; Morrison, Herbert; and Chiapetta, Frank, 4,498,237, Cl. 30-200.000.
- Chiappetta, Frank R.: *See—*
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- Chiarella, Anthony A.: *See—*
  - Lerman, Michael J.; Koehl, Richard; Chiarella, Anthony A.; and Zamory, William, 4,508,455, Cl. 366-247.000.
- Chiarino, Dario: *See—*
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  - Della Bella, Davide; and Chiarino, Dario, 4,520,200, Cl. 548-247.000.
- Chiarito, Richard J., to U.M.E., Incorporated. Method and apparatus for fluid filtration including particle precipitation. 4,533,475, 8-6-85, Cl. 210-788.000.
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Chiba, Fumitaka; and Shimizu, Kyozo, to Nippon Electric Co., Ltd. Integrated circuit. 4,525,809, 6-25-85, Cl. 365-51.000.
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Chiba, Mitsuyoshi, to Kabushiki Kaisha Toshiba. Refrigeration system for refrigerant heating type air conditioning apparatus. 4,516,408, 5-14-85, Cl. 62-238.700.
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Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.

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- Chidester, Dale H., to American Cyanamid Company. Solid-state automatic injection control device. 4,517,473, 5-14-85, Cl. 307-269.000.
- Chief Industries, Inc.: *See*—
  - Aldrich, Roger, 4,506,449, Cl. 33-288.000.
- Chien, Chao-Huei. Multiple-effect respirator. 4,549,542, 10-29-85, Cl. 128-201.240.
- Chigira, Junji, to Kanto Seiki Kabushiki Kaisha. Liquid temperature regulator. 4,526,012, 7-2-85, Cl. 62-196.300.
- Chigodo, Yoshikazu: *See*—
  - Tanaka, Yukio; and Chigodo, Yoshikazu, 4,556,929, Cl. 361-321.000.
- Chigusa, Yoshiki, to Sumitomo Electric Industries, Ltd. Process for producing image fiber. 4,553,995, 11-19-85, Cl. 65-4.200.
- Chihana, Masanobu, to Nippon Gakki Seizo Kabushiki Kaisha. Touch-responsive apparatus in electronic musical instrument. 4,528,885, 7-16-85, Cl. 84-1.100.
- Chihana, Masanobu, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument performing D/A conversion of plural tone signals. 4,539,883, 9-10-85, Cl. 84-1.220.
- Chihara, Takeshi: *See*—
  - Otani, Toshiaki; Chihara, Takeshi; and Nishikori, Tsutomu, 4,533,027, Cl. 192-8.00C.
- Chijiishi, Toshio; Matoba, Hiroshi; Nakamura, Kazuo; and Higuchi, Toshiaki, to Yoshida Kogyo K.K. Apparatus for manufacturing a continuous slide fastener stringer. 4,505,659, 3-19-85, Cl. 425-121.000.
- Chik, Kiu-chi D., to Northern Telecom Limited. Planar narrow-stripe laser with improved charge carrier confinement. 4,530,099, 7-16-85, Cl. 372-45.000.
- Chikamasa, Hiroshi; and Noda, Shinji, to Fuji Photo Film Co., Ltd. Drying method. 4,554,177, 11-19-85, Cl. 427-130.000.
- Chikami, Michio: *See*—
  - Okamoto, Eiji; Fukaya, Yasuhiro; and Chikami, Michio, 4,537,247, Cl. 165-104.140.
- Chikamura, Takao: *See*—
  - Miyata, Yutaka; Chikamura, Takao; and Fujiwara, Shinji, 4,514,765, Cl. 358-213.000.
- Chikaraishi, Takayo; Tuchiya, Yosimasa; and Kawamo, Kazunori, to Nissan Motor Company, Limited; and Nissan Shatai Company, Limited. Sealing structure for automotive vehicle side doors. 4,492,405, 1-8-85, Cl. 296-146.000.
- Chikaraishi, Takayo; and Itoh, Hiroshi, to Nissan Motor Company, Limited. Sliding type door assembly. 4,530,184, 7-23-85, Cl. 49-213.000.
- Chikaraishi, Takayo: *See*—
  - Nishimiya, Ryuji; Tuchiya, Yoshimasa; and Chikaraishi, Takayo, 4,541,201, Cl. 49-221.000.
  - Shinjo, Tuneo; Nakamura, Yoshiharu; and Chikaraishi, Takayo, 4,561,690, Cl. 296-155.000.
  - Tuchiya, Yoshimasa; Chikaraishi, Takayo; and Kawamo, Kazunori, 4,496,186, Cl. 296-146.000.
  - Utsumi, Shunji; and Chikaraishi, Takayo, 4,505,500, Cl. 292-48.000.
- Chikashige, Kiyoshi: *See*—
  - Ouchi, Teruo; Chikashige, Kiyoshi; and Ueda, Hirohisa, 4,497,550, Cl. 350-584.000.
- Chikasue, Hideo, to Yazaki Sogyo Kabushiki Kaisha. Tachometer. 4,553,093, 11-12-85, Cl. 324-169.000.
- Chikatani, Hajime, to Kabushiki Kaisha Daisei Kikai. Binding apparatus for packing. 4,545,185, 10-8-85, Cl. 53-583.000.
- Chikatani, Hajime, to Kabushiki Kaisha Daisei Kikai. Package bag binding apparatus. 4,554,776, 11-26-85, Cl. 53-76.000.
- Chikazawa, Akio: *See*—
  - Sadamori, Hiroki; Chikazawa, Akio; Okamura, Setsuo; and Noda, Chikako, 4,491,640, Cl. 502-242.000.
- Chikazawa, Nobumoto; Muraoka, Toshiharu; and Fujii, Setsuro, to Maruho Co., Ltd. Rapid assaying method for guanase. 4,550,076, 10-29-85, Cl. 435-18.000.
- Chikugo, Kazuo; Murakami, Taku; and Inada, Yorihiko, to Kabushiki Kaisha Komatsu Seisakusho. Connecting rod made of fiber reinforced plastic material. 4,541,304, 9-17-85, Cl. 74-579.00E.
- Chikura Kogyo Kabushiki Kaisha: *See*—
  - Yoshida, Kei; Murokawa, Masayuki; and Nomura, Toshiaki, 4,501,090, Cl. 49-264.000.
  - Yoshida, Kei; and Saotome, Yoichiro, 4,551,946, Cl. 49-340.000.
- Child, James L., Jr.: *See*—
  - Fouss, James L.; Parker, John J.; Child, James L., Jr.; and Sting, Donald W., 4,523,613, Cl. 138-121.000.
- Child, Jonathan E.: *See*—
  - Albinson, Kenneth R.; and Child, Jonathan E., 4,554,065, Cl. 208-59.000.
- Child, Robin E., to Concentric Pumps Limited. Gerotor pump. 4,540,347, 9-10-85, Cl. 417-310.000.
- Childers, Carroll D., to United States of America, Navy. Small arms ammunition loading system. 4,527,459, 7-9-85, Cl. 89-161.000.
- Childers, Clifford W.: *See*—
  - Beever, William H.; Shue, Robert S.; and Childers, Clifford W., 4,514,588, Cl. 174-52.0PE.
- Childers Corporation: *See*—
  - Childers, Roger K.; Buchanan, Kenneth L.; and Trumbo, Andrew L., 4,557,282, Cl. 133-3.00A.
- Childers, Don A. Knife blade sharpener. 4,512,111, 4-23-85, Cl. 51-157.000.
- Childers, Frederick K.: *See*—
  - Stallings, Charles H.; Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.
- Childers, Jimmie D., to Texas Instruments Incorporated. Semiconductor memory device with pipeline access. 4,509,142, 4-2-85, Cl. 364-900.000.
- Childers, Jimmie D.; and Hyslop, Adin E., to Texas Instruments Incorporated. Dummy-cell circuitry for dynamic read/write memory. 4,547,868, 10-15-85, Cl. 365-203.000.
- Childers, John S.; and Pastusek, Paul E., to Reed Rock Bit Company. Drill bit having angled nozzles for improved bit and well bore cleaning. 4,516,642, 5-14-85, Cl. 175-340.000.
- Childers, John S.; and Pastusek, Paul E., to Reed Tool Company. Drill bit having angled nozzles for improved bit and well bore cleaning. 4,546,837, 10-15-85, Cl. 175-340.000.
- Childers, John S.; and Pastusek, Paul E., to Reed Rock Bit Company. Drill bit having angled nozzles. 4,558,754, 12-17-85, Cl. 175-340.000.
- Childers, Kelly R. Anti-jam system for a packaging machine. 4,541,223, 9-17-85, Cl. 53-411.000.
- Childers, Roger K.; Buchanan, Kenneth L.; Barnette, Randall; and Buchanan, Delbert L. High-speed coin sorting and counting apparatus. 4,506,685, 3-26-85, Cl. 133-3.00A.
- Childers, Roger K.; Buchanan, Kenneth L., and Trumbo, Andrew L., to Childers Corporation. Coin-sorting wheel and counter for high-speed coin-sorting and counting apparatus. 4,557,282, 12-10-85, Cl. 133-3.00A.
- Children's Hospital Medical Center of Northern California: *See*—
  - Smith, Stuart; Libertini, Louis J.; and Thompson, Betty J., 4,529,693, Cl. 435-7.000.
- Children's Hospital Research Foundation: *See*—
  - Ackerman, Jerome L.; Clark, Leland C., Jr.; and Thomas, Stephen R., 4,558,279, Cl. 324-315.000.
- Children's Medical Center Corporation, The: *See*—
  - Gallop, Paul M.; and Paz, Mercedes, 4,496,722, Cl. 544-69.000.
  - Lazarus, Herbert; and Schwaber, Jerrold F., 4,529,694, Cl. 435-68.000.
- Childress, J. Phillip. Taco shell frying mold. 4,517,887, 5-21-85, Cl. 99-426.000.
- Childress, Timothy T.: *See*—
  - D'Angelo, Kenneth R.; and Childress, Timothy T., 4,524,963, Cl. 271-3.100.
- Childs, Jerry D.; Sabins, Fred; and Taylor, Mary J., to Halliburton Company. Method of using thixotropic cements for combating lost circulation problems. 4,515,216, 5-7-85, Cl. 166-293.000.
- Childs, Jerry D.: *See*—
  - Sabins, Fred; and Childs, Jerry D., 4,524,828, Cl. 166-293.000.
- Childs, John B.; and Fairey, Norman R., to BICC Public Limited Company. Process for extrusion of copper. 4,505,878, 3-19-85, Cl. 419-67.000.
- Childs, John J., to Sprague Electric Company. AC metallized film capacitor. 4,554,612, 11-19-85, Cl. 361-306.000.
- Childs, William H., to Communications Satellite Corporation. Simplified minimum shift keying modulator. 4,500,856, 2-19-85, Cl. 332-9.00R.
- Chiles, William H.: *See*—
  - Miller, Ronald P.; Chiles, William H.; and Masteller, Bill L., 4,506,348, Cl. 365-73.000.
- Chimicasa GmbH: *See*—
  - Wolf, Erich; and Deininger, Rolf, 4,495,213, Cl. 426-548.000.
- Chimura, Toshihiko: *See*—
  - Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, 4,527,208, Cl. 360-85.000.
- Chin, Aland K.: *See*—
  - Camlibel, Irfan; and Chin, Aland K., 4,510,514, Cl. 357-17.000.
  - Camlibel, Irfan; Chin, Aland K.; Chin, Brymer H.; and Zipfel, Christie L., 4,538,342, Cl. 29-569.00L.
- Chin, Albert K.; and Fogarty, Thomas J., to Fogarty, Thomas J. Tubular extrusion catheter. 4,493,711, 1-15-85, Cl. 604-271.000.
- Chin, Albert K.; and Kinney, Thomas B., to Fogarty, Thomas J. Double lumen dilatation catheter. 4,526,175, 7-2-85, Cl. 128-344.000.
- Chin, Albert K., to Fogarty, Thomas J. Endarterectomy apparatus and process. 4,559,927, 12-24-85, Cl. 128-1.00R.
- Chin, Bryan A.: *See*—
  - Bauer, Roger E.; Straalsund, Jerry L.; and Chin, Bryan A., 4,507,227, Cl. 252-626.000.
- Chin, Brymer H.: *See*—
  - Camlibel, Irfan; Chin, Aland K.; Chin, Brymer H.; and Zipfel, Christie L., 4,538,342, Cl. 29-569.00L.
- Chin, Daniel H.; Nowaczyk, Philip J.; and Beaumont, Gregory J., to Zenith Electronics Corporation. Drive circuit for a horizontal output transformer. 4,529,917, 7-16-85, Cl. 315-411.000.
- Chin, Danny; Batterman, Eric P.; and Bolger, Thomas V., to RCA Corporation. TV receiver circuitry for performing chroma gain, auto-flesh control and the matrixing of I and Q signals to (R-Y), (B-Y) and (G-Y) signals. 4,523,221, 6-11-85, Cl. 358-21.00R.
- Chin, Danny, to RCA Corporation. Auto-tint circuit for a TV receiver. 4,544,944, 10-1-85, Cl. 358-28.000.
- Chin, Danny: *See*—
  - Maturo, Robert J.; Chin, Danny; and Henderson, John G. N., 4,536,797, Cl. 358-192.100.
- Chin, Gilbert Y.: *See*—
  - Bordelon, Chester M.; Chin, Gilbert Y.; Jin, Sungho; Sherwood, Richard C.; and Wernick, Jack H., 4,540,453, Cl. 148-31.550.

Chin, Herbert A., to United Technologies Corporation. Method of producing columnar crystal superalloy material with controlled orientation and product. 4,518,442, 5-21-85, Cl. 148-11.50N.

Chin, Hsiao-Ling M., to Stauffer Chemical Company. Substituted amino carboxyethyl haloacetamide herbicide antidotes. 4,506,088, 3-19-85, Cl. 560-12.000.

Chin, Joseph T., to DCA Food Industries Inc. High-speed food product forming apparatus. 4,560,337, 12-24-85, Cl. 425-288.000.

Chin, Robert W.: *See—*
  Bischoff, Andrea L.; and Chin, Robert W., 4,535,957, Cl. 244-103.00R.

Chin, Roland L.; and Ferguson, Susan A., to Allied Corporation. Method of ion beam synthesis of thin silicon nitride films and resulting articles. 4,522,886, 6-11-85, Cl. 428-446.000.

Chin, Thomas G.; and Alston, Arthur, to Chevron Research Company. Method and apparatus for measuring Reid Vapor Pressure. 4,522,056, 6-11-85, Cl. 73-64.200.

Chin, Thomas G.; Klaver, Rudy F.; and Alston, Arthur, to Chevron Research Company. Gas saturation monitoring system and method. 4,523,860, 6-18-85, Cl. 374-27.000.

Chin, Thomas G.; and Alston, Arthur, to Chevron Research Company. Vapor-liquid ratio analyzer. 4,543,819, 10-1-85, Cl. 73-64.200.

Chin, Tung Jin: *See—*
  Yamasaki, Hiro; Chin, Tung Jin; and Akiyama, Chuji, 4,524,627, Cl. 73-861.120.

China Petrochemical Development Corp.: *See—*
  Chang, Kong R.; and Lin, Trong G., 4,546,093, Cl. 502-324.000.

Chinchen, Godfrey C., to Imperial Chemical Industries PLC. Hydrogen production. 4,540,563, 9-10-85, Cl. 423-656.000.

Ching, Dennis T.: *See—*
  Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,011, Cl. 364-200.000.
  Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,013, Cl. 364-200.000.

Ching, Paul W. Climbing aid for mountain climbers. 4,491,291, 1-1-85, Cl. 248-1.000.

Ching, Ta-Yen, to General Electric Company. UV-stabilized resins. 4,503,180, 3-5-85, Cl. 524-293.000.

Ching, Yau-Chau; and Tomcik, James D., to AT&T Bell Laboratories. Bit allocation generator for adaptive transform coder. 4,516,258, 5-7-85, Cl. 381-31.000.

Chinn, Albert E.: *See—*
  King, Harold B.; Masaitis, William; Ippisch, Ernest; and Chinn, Albert E., 4,521,862, Cl. 364-552.000.

Chinn, Bryan P.; Armour, John S.; Watson, Peter M. F.; and Donne, Graham L., to Secretary of State for Her Majesty's Government of the United Kingdom and Great Britain, The. Non-spill liquid fuel tanks. 4,492,244, 1-8-85, Cl. 137-38.000.

Chinn, Martin D.: *See—*
  Kistler, Walter P.; and Chinn, Martin D., 4,522,066, Cl. 73-781.000.

Chino, Koichi; Kudo, Kazuhiko; Oda, Akira; Mura, Hideichi; and Takamura, Yoshiyuki, to Hitachi, Ltd. Process and system for treatment of radioactive waste. 4,526,713, 7-2-85, Cl. 252-632.000.

Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt.: *See—*
  Fenyvesi, Eva; Szejtli, Jozsef; Zsadon, Bela; Antal, Balazs; and Wagner nee Kohary, Ildiko , 4,547,572, Cl. 536-103.000.
  Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.
  Huhn, Magda; Szabo, Gabor; Dvortsak, Peter; Karpati, Marianna; and Somfai, Eva, 4,508,658, Cl. 260-465.00D.
  Kulcsar, Gabor; Sebestyen, Gyula; David, Agoston; and Zilahi, Tibor, 4,501,732, Cl. 424-114.000.
  Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, 4,495,189, Cl. 514-258.000.
  Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor; David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, 4,556,563, Cl. 514-258.000.
  Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, 4,520,018, Cl. 514-469.000.
  Soos, Rudolf; Kolta, Rezso; Zoltan, Sandor; and Tary, Maria, 4,521,612, Cl. 560-124.000.
  Szejtli, Jozsef; Stadler nee Szoke, Agnes; Vikmon nee Kiraly, Maria; Korbonits, Dezso; Virag, Sandor; Turcsan, Istvan; and Kiss, Pal, 4,518,588, Cl. 514-58.000.
  Szejtli, Jozsef; Budai, Zsuzsanna; Radvany nee Hegedus, Erzsebet; Papp, Laszlo; Kormoczy, Gyorgy; and Pap nee Imrenyi, Gabriella, 4,524,068, Cl. 514-58.000.
  Szejtli, Jozsef; and Tardy nee Lengyel, Marta, 4,529,608, Cl. 426-96.000.
  Szejtli, Jozsef; Fenyvesi, Eva; Zsadon, Bela; Szilasi, Maria; and Decsei, Lajos, 4,535,152, Cl. 536-103.000.
  Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.

Chinon Kabushiki Kaisha: *See—*
  Maruyama, Takashi, 4,550,994, Cl. 354-402.000.

Chinone, Naoki; Kashiwada, Yasutoshi; Yamashita, Shigeo; and Aiki, Kunio, to Hitachi, Ltd. Semiconductor laser device. 4,506,366, 3-19-85, Cl. 372-45.000.

Chiodo, Daniel J.: *See—*
  Shirley, Gaylord R.; and Chiodo, Daniel J., 4,539,988, Cl. 128-314.000.

Chiodo, Rudolph J., to Dimedco. Apparatus for photographing body cavities. 4,540,258, 9-10-85, Cl. 354-62.000.

Chiolle, Antonio; Vecchi, Alfio; and Credali, Lino, to Montedison S.p.A. Process for the surface modification of synthetic fibers. 4,510,185, 4-9-85, Cl. 427-222.000.

Chiotasso, Pierre; and Dostes, Jacques, to Societe Spart. Automatic distributor-feeder with plural compartments for granular food for domestic animals. 4,492,183, 1-8-85, Cl. 119-51.130.

Chiou, George C. Y.; and Liu, Hsin-Kuang, to Texas A&M University System, The. Ophthalmic compositions and their use for treating elevated intraocular pressure and glaucoma. 4,521,414, 6-4-85, Cl. 514-229.000.

Chiou, Nan-Mu. Safety indicator for vehicles. 4,491,824, 1-1-85, Cl. 340-66.000.

Chiozza, Enrico, to Uniderm Farmaceutici s.n.c. Intrauterine contraceptive device. 4,553,536, 11-19-85, Cl. 128-130.000.

Chip Supply: *See—*
  Ruggieri, Joseph A., 4,504,155, Cl. 368-121.000.

Chipman, Patrick G.: *See—*
  Bumann, Richard L.; and Chipman, Patrick G., 4,544,003, Cl. 140-147.000.

Chiron Corporation: *See—*
  Cousens, Lawrence S.; Bell, Graeme I.; and Valenzuela, Pablo D. T., 4,510,245, Cl. 435-172.300.
  Urdea, Mickey S.; and Warner, Brian D., 4,517,338, Cl. 525-54.110.

Chiron, Daniel M.: *See—*
  Dumont, Pascal G.; and Chiron, Daniel M., 4,516,426, Cl. 73-432.00R.

Chiron-Werke GmbH: *See—*
  Rutschle, Eugen; Winkler, Hans-Henning; and Haninger, Rudolf, 4,557,035, Cl. 29-568.000.

Chisaka, Kazuto: *See—*
  Watanabe, Masaki; Yagasaki, Akio; and Chisaka, Kazuto, 4,529,242, Cl. 296-78.100.

Chisholm, Donald M.; Newton, Colin; and Winchester, Stanley W., to Fleet, Douglas Ross a part interest. Moulded product. 4,497,662, 2-5-85, Cl. 106-92.000.

Chisholm, John P.; and Morgan, Donald G., to Vega Precision Laboratories, Inc. TACAN data link system. 4,510,499, 4-9-85, Cl. 343-456.000.

Chisholm, Pat T.: *See—*
  Daneshy, Abbas A.; Chisholm, Pat T.; Magee, Dan A.; and Slusher, Gary L., 4,529,036, Cl. 166-254.000.

Chisholm, Thomas, to U.S. Philips Corporation. Charged particle beam apparatus. 4,546,258, 10-8-85, Cl. 250-396.00R.

Chisholm, William M.; and Thompson, Fred E., to AT&T Technologies, Inc. Multi-purpose transport tray. 4,518,085, 5-21-85, Cl. 206-454.000.

Chisholm, William M.: *See—*
  Chandler, Donald E.; Chisholm, William M.; and Lechner, Ralph T., 4,515,354, Cl. 269-15.000.

Chisso Corporation: *See—*
  Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,499,247, Cl. 526-142.000.
  Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Sato, Akihiro, 4,500,682, Cl. 525-240.000.
  Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,510,292, Cl. 525-247.000.
  Chiba, Hiromasa; Kumahara, Katsumi; Harada, Takakiyo; Oka, Takahiro; and Sato, Akihiro, 4,522,994, Cl. 526-351.000.
  Chiba, Hiromasa; Harada, Takakiyo; Kumahara, Katsumi; Kawazoe, Shunji; and Sato, Akihiro, 4,526,931, Cl. 525-268.000.
  Chiba, Hiromasa; Kumahara, Katsumi; Harada, Takakiyo; Oka, Takahiro; and Sato, Akihiro, 4,550,144, Cl. 525-247.000.
  Fujishita, Kusuo; and Sakamoto, Hideshi, 4,560,734, Cl. 526-142.000.
  Fukui, Masahiro; Kitano, Kisei; Tanaka, Masami; and Goto, Yasuyuki, 4,533,488, Cl. 252-299.610.
  Harada, Masato; Iijima, Makoto; and Saitoh, Noriaki, 4,499,194, Cl. 502-8.000.
  Harada, Masato; Miya, Shinya; Yamada, Sadahiko; and Iijima, Makoto, 4,551,439, Cl. 502-107.000.
  Inoue, Hiromichi; Fukui, Masahiro; Goto, Yasuyuki; and Tokita, Susumu, 4,507,222, Cl. 252-299.630.
  Inoue, Hiromichi; Inukai, Takashi; Goto, Yasuyuki; Sato, Hideo; and Fukui, Masahiro, 4,522,741, Cl. 252-299.630.
  Ishibashi, Tadao; and Kugimiya, Youichi, 4,508,786, Cl. 428-461.000.
  Kawamura, Yasuo; Nishiyama, Tadashi; Itoh, Tomiyoshi; and Sakai, Takuo, 4,521,406, Cl. 424-94.000.
  Oda, Yoshifumi, 4,555,398, Cl. 424-19.000.
  Ogawa, Tetsuya; Saitoh, Shinichi; Inoi, Takeshi; Kato, Masaji; and Obara, Heitaro, 4,537,999, Cl. 568-584.000.
  Sato, Akihiro; Kikuta, Kazutsune; Matsuda, Kenji; Uwai, Toshihiro; and Hanari, Tohru, 4,514,513, Cl. 502-112.000.
  Sato, Akihiro; Kikuta, Kazutsune; Uwai, Toshihiro; Matsuda, Kenji; and Hattori, Nobutaka, 4,533,705, Cl. 526-114.000.
  Shigehiro, Koga; Yoshihisa, Kanazawa; Takeshi, Okamoto; Masafumi, Yamanouchi; and Kazumichi, Shudo, 4,528,306, Cl. 523-219.000.
  Shimizu, Hiroshi; Abe, Masaki; and Sato, Akihiro, 4,535,069, Cl. 502-115.000.
  Sugihara, Taizo; and Aoki, Tsuyoshi, 4,495,133, Cl. 264-504.000.

Sugimori, Shigeru; and Kojima, Tetsuhiko, 4,502,974, Cl. 252-299.630.

Sugimori, Shigeru; Kojima, Tetsuhiko; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,534,883, Cl. 252-299.630.

Sugimori, Shigeru; Kojima, Tetsuhiko; Goto, Yasuyuki; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,536,321, Cl. 252-299.630.

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Chisum, Finis L. Method and apparatus for designing a log home. 4,527,981, 7-9-85, Cl. 434-72.000.

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Chitayat, Anwar; Goldstein, Robert C.; and Faizullabhoy, Mustansir A., to Anorad Corporation. Axis controller for robotic actuator. 4,494,060, 1-15-85, Cl. 318-568.000.

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Chitose, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Molded transformer with grounded electrically conductive layer. 4,540,967, 9-10-85, Cl. 336-84.00C.

Chittick, Donald E.: See—

Fetters, Wayne A.; and Chittick, Donald E., 4,530,702, Cl. 48-209.000.

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Nicholson, Myron D.; and Chiu, Herman S., 4,500,576, Cl. 428-36.000.

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Chiu, Norman H., to General Electric Company. Capacitive touch switch arrangement. 4,561,002, 12-24-85, Cl. 340-365.00C.

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Chiu, Ran F.; Kromer, Philip F., III; Kao, Ming L.; and Parrish, Henry H., to Racal Data Communications, Inc. Fast learn digital adaptive equalizer. 4,539,689, 9-3-85, Cl. 375-13.000.

Chiu, Robert C., to R&C Chiu International, Inc. Loudspeaker. 4,492,826, 1-8-85, Cl. 179-115.5PS.

Chiu, Te-Long, to Seeq Technology, Inc. Method of fabricating an MOS memory array having electrically-programmable and electrically-erasable storage devices incorporated therein. 4,490,900, 1-1-85, Cl. 29-571.000.

Chiu, Te-Long; and Lien, Jih-Chang, to Texas Instruments Incorporated. Electrically programmable floating gate semiconductor memory device. 4,514,897, 5-7-85, Cl. 29-578.000.

Chiu, Tony T.; Coatney, Charles W.; and Hirahara, Katsuji, to Magnuson Corporation. Stemming and peeling apparatus. 4,508,414, 4-9-85, Cl. 99-535.000.

Chiusa, Alessandro: See—

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Chiusolo, Louis L.: See—

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Chivens, David E.; and Cloward, Laramie J., to L & F Industries. Stress sensor for yield-point detection in a stretch press. 4,501,135, 2-26-85, Cl. 72-302.000.

Chivens, Donald R.; Greskovics, Paul; and Kelm, Edward C., to Autarkic Flow Controls. Timed flow control valve assembly. 4,522,221, 6-11-85, Cl. 137-118.000.

Chivens, Donald R.: See—

Greskovics, Paul; and Chivens, Donald R., 4,558,479, Cl. 15-1.700.

Chiyoda, Akiyoshi: See—

Yasuda, Kazuo; Funabashi, Kyo; and Chiyoda, Akiyoshi, 4,504,541, Cl. 428-264.000.

Chiyoda Chemical Engineering & Construction Co., Ltd.: See—

Asaoka, Sachio; and Sendo, Takashi, 4,555,394, Cl. 423-626.000.

Asaoka, Sachio; Sendo, Takashi; and Nakamura, Munekazu, 4,562,059, Cl. 423-626.000.

Inooka, Masayoshi, 4,525,267, Cl. 208-58.000.

Ohzeki, Osamu; Shimakawa, Katsuhiko; and Mashino, Zenichi, 4,539,012, Cl. 44-51.000.

Shiroto, Yoshimi; Nakata, Shinichi; and Hashimoto, Hideki, 4,530,753, Cl. 208-68.000.

Shiroto, Yoshimi; Nakata, Shinichi; and Hashimoto, Hideki, 4,530,754, Cl. 208-68.000.

Tajima, Hiroto; Kawakami, Hironori; Mashino, Zenichi; Hayami, Seinoshin; and Ohzeki, Osamu, 4,537,600, Cl. 44-51.000.

Chiyoda, Kiyomu: See—

Suzuki, Etruji; Uno, Shinichi; Chiyoda, Kiyomu; and Douji, Ryuhachirou, 4,549,206, Cl. 358-106.000.

Chiyomaru, Isao: See—

Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.

Chizhikov, Jury V.: See—

Voronin, Grigory I.; Suslov, Alexandr D.; Chizhikov, Jury V.; Ivanov, Sergei V.; and Voronin, Valentin G., 4,531,371, Cl. 62-5.000.

Chlanda, Frederick P.; and Mani, Krishnamurthy N., to Allied Corporation. Multichamber two-compartment electrodialytic water splitter and method of using same for acidification of aqueous soluble salts. 4,536,269, 8-20-85, Cl. 204-182.400.

Chlanda, Frederick P.: See—

Mani, Krishnamurthy N.; and Chlanda, Frederick P., 4,504,373, Cl. 204-180.00P.

Chloe Chimie: See—

Bachot, Jean; and Grosbois, Jean, 4,539,085, Cl. 204-98.000.

Bachot, Jean; Quentin, Jean-Pierre; and Bourgeois, Jean-Luc, 4,547,411, Cl. 427-393.500.

Chloride Group Public Limited Company: See—

Hayes, Michael H.; and Pearson, Ernest J., 4,502,211, Cl. 29-623.100.

Hayes, Michael H.; and Pearson, Ernest J., 4,528,255, Cl. 429-233.000.

Humphreys, John K.; and Valentine, Joseph, 4,562,128, Cl. 429-178.000.

Pearson, Ernest J., 4,504,556, Cl. 429-136.000.

Pearson, Ernest J., 4,507,856, Cl. 29-623.100.

Pearson, Ernest J., 4,525,438, Cl. 429-149.000.

Pearson, Ernest J., 4,525,926, Cl. 29-623.100.

Pearson, Ernest J., 4,530,153, Cl. 29-623.100.

Chloride, Inc.: See—

Wilson, Frank, 4,551,401, Cl. 429-122.000.

Chloride Silent Power Limited: See—

Wright, Michael L.; and Tilley, Alec R., 4,492,021, Cl. 29-623.100.

Chlorine Engineers Corp. Ltd.: See—

Kasuya, Kazuki, 4,543,265, Cl. 427-34.000.

Chlosta, Wolfgang; and Riegger, Wolfgang, to Bodenseewerk Perkin-Elmer & Co., GmbH. Electric heater for a rotating sample vessel container in a sampling device for gas chromatography. 4,554,436, 11-19-85, Cl. 219-385.000.

Chlosta, Wolfgang; and Riegger, Wolfgang, to Bodenseewerk Perkin-Elmer & Co., GmbH. Needle assembly for introducing a carrier gas into a sample vessel. 4,558,603, 12-17-85, Cl. 73-864.210.

Chlq Frote et Cie: See—

Bries, Francois M. P., 4,535,230, Cl. 219-470.000.

Chludzinski, James J.: See—

Baker, Rees T.; Chludzinski, James J.; and Dumesic, James A., 4,529,626, Cl. 427-226.000.

Chlumecky, Nicholas, to Commercial Shearing, Inc. Cribbing. 4,497,597, 2-5-85, Cl. 405-288.000.

Chlystun, Walter K. Dispensing container for pressurized fluids and method and apparatus for producing same. 4,529,108, 7-16-85, Cl. 222-529.000.

Chmela, Andrew, to Ameco Corporation. Gas welding electrode for a small bore. 4,517,433, 5-14-85, Cl. 219-75.000.

Chmela, Franz; Herzog, Walter; and Meier, Richard, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Spark-ignition air-compressing internal combustion engine. 4,492,194, 1-8-85, Cl. 123-276.000.

Chmelar, Mark A.: See—

Rutan, Fred E.; and Chmelar, Mark A., 4,561,559, Cl. 220-203.000.

Chmiel, Chester T.; and Cotsakis, Daniel J., to Uniroyal, Inc. Adhesive for bonding cured EPDM rubber. 4,501,842, 2-26-85, Cl. 524-432.000.

Cho, Alfred Y.; Glance, Bernard; Luhzens, Daniel; and Schneider, Martin V., to AT&T Bell Laboratories. Method of making self-aligned metal gate field effect transistors. 4,534,103, 8-13-85, Cl. 29-571.000.

Cho, Alfred Y.: *See*—
- Chen, Chung Y.; and Cho, Alfred Y., 4,553,155, Cl. 357-30.000.

Cho, Byong K., to General Motors Corporation. Monolithic catalytic converter for improved thermal performance. 4,521,532, 6-4-85, Cl. 502-439.000.

Cho, Chun S. Shoe polishing device and servo-applicator means for use therein. 4,535,499, 8-20-85, Cl. 15-24.000.

Cho, Frederick Y.; and Williams, Dylan F., to Motorola, Inc. Compound surface acoustic wave matched filters. 4,506,239, 3-19-85, Cl. 333-196.000.

Cho, Frederick Y.: *See*—
- Adamo, Michael D.; Darter, Cederick U.; and Cho, Frederick Y., 4,546,283, Cl. 310-313.00R.

Cho, Hideyuki. Moving web expanding and guiding apparatus. 4,554,714, 11-26-85, Cl. 26-75.000.

Cho, Hyon M. Portable folder type pencil case. 4,555,018, 11-26-85, Cl. 206-214.000.

Cho, Hyun S., to General Electric Company. Axial sweep-through process for preparing diamond wire die compacts. 4,534,934, 8-13-85, Cl. 419-6.000.

Cho, Hyun S.: *See*—
- Gigl, Paul D.; and Cho, Hyun S., 4,518,659, Cl. 428-539.500.

Cho, James R.; and Johnson, Stephen C., to GAF Corporation. Polymeric sunscreens. 4,524,061, 6-18-85, Cl. 424-60.000.

Cho, James R.: *See*—
- Barabas, Eugene S.; and Cho, James R., 4,520,179, Cl. 526-212.000.
- Barabas, Eugene S.; and Cho, James R., 4,520,180, Cl. 526-212.000.
- Barabas, Eugene S.; and Cho, James R., 4,554,311, Cl. 524-808.000.
- Barabas, Eugene S.; and Cho, James R., 4,554,312, Cl. 524-808.000.

Cho, Mitsuo: *See*—
- Sado, Ichiro; Kishimoto, Juji; Sasaki, Masayuki; and Cho, Mitsuo, 4,551,818, Cl. 364-900.000.

Cho, Soo S., to Macho Products, Inc. Unitary leg and foot protective device. 4,497,070, 2-5-85, Cl. 2-22.000.

Cho, Sung N. Can opening means. 4,493,431, 1-15-85, Cl. 220-269.000.

Cho, Timothy C.: *See*—
- Lohrey, Edwin J.; and Cho, Timothy C., 4,556,822, Cl. 315-67.000.

Choate, Thomas G. A., to Exxon Production Research Co. Seal pressure reduction system. 4,561,679, 12-31-85, Cl. 285-95.000.

Choay, Jean: *See*—
- Lormeau, Jean-Claude; Petitou, Maurice; and Choay, Jean, 4,500,519, Cl. 514-56.000.

Choay S.A.: *See*—
- Lormeau, Jean-Claude; Petitou, Maurice; and Choay, Jean, 4,500,519, Cl. 514-56.000.
- Pierpaoli, Walter; and Maestroni, Georges, 4,540,574, Cl. 424-95.000.

Chobert, Jean-Pierre: *See*—
- Camand, Michel; and Chobert, Jean-Pierre, 4,559,503, Cl. 330-302.000.

Choby, Edward J.: *See*—
- Hawkins, Phillip J.; and Choby, Edward J., 4,555,833, Cl. 29-33.00T.

Choc, Anton: *See*—
- Plapp, Charles D.; and Choc, Anton, 4,542,537, Cl. 2-148.000.

Choderker, Nathan; Dorman, Carl E.; Richter, Ian; and Driver, Richard. Coin acceptor. 4,544,058, 10-1-85, Cl. 194-102.000.

Chodorow, Marvin, to Varian Associates, Inc. Electron tube with transverse cyclotron interaction. 4,513,223, 4-23-85, Cl. 315-4.000.

Chodorow, Marvin: *See*—
- Shaw, Herbert J.; Chodorow, Marvin; and Digonnet, Michel J. F., 4,515,431, Cl. 350-96.150.
- Shaw, Herbert J.; Chodorow, Marvin; and Stokes, Loren F., 4,530,603, Cl. 356-345.000.
- Shaw, Herbert J.; and Chodorow, Marvin, 4,546,476, Cl. 372-6.000.
- Stokes, Loren F.; Shaw, Herbert J.; and Chodorow, Marvin, 4,530,097, Cl. 372-6.000.

Chodrow, Mark M.; Sander, Bernard T., Jr.; Sharpless, Charles H.; and Theriot, Eugene J., to AT&T Bell Laboratories. Switching system having remote switching capability. 4,550,404, 10-29-85, Cl. 370-110.100.

Choe, Daniel H.: *See*—
- Jacob, Adir; and Choe, Daniel H., 4,505,782, Cl. 156-643.000.

Choe, David. Air jack for use with a vehicle exhaust system. 4,542,882, 9-24-85, Cl. 254-93.0HP.

Choe, Eui W.; Conciatori, Anthony B.; and Ward, Bennett C., to Celanese Corporation. Two stage high molecular weight polybenzimidazole production with phosphorus containing catalyst. 4,506,068, 3-19-85, Cl. 528-207.000.

Choe, Eui W.; and Conciatori, Anthony B., to Delanese Corporation. Synthesis of high molecular weight polybenzimidazole with arylhalo phosphorus compound catalyst. 4,533,725, 8-6-85, Cl. 528-336.000.

Choe, Eui W.; and Conciatori, Anthony B., to Celanese Corporation. Synthesis of high molecular weight polybenzimidazole with arylhalo phosphorus compound catalyst. 4,535,144, 8-13-85, Cl. 528-207.000.

Choe, Eui W.: *See*—
- Conciatori, Anthony B.; Choe, Eui W.; and Farrow, Gerald, 4,514,553, Cl. 526-323.100.

Choe, Francis S. O., to Lamipak Industries (Europe) Ltd. Plastic bags. 4,508,222, 4-2-85, Cl. 206-390.000.

Choe, Jei S. Fuel vaporization system for an internal combustion engine. 4,542,717, 9-24-85, Cl. 123-25.00B.

Choffin, Justin C. Telescopically extendable pole. 4,508,467, 4-2-85, Cl. 403-104.000.

Choh, Masamichi: *See*—
- Sakamoto, Takashi; Sano, Tetsuo; Kodama, Eiji; and Choh, Masamichi, 4,561,061, Cl. 364-550.000.

Choi, Charles: *See*—
- Moutrie, Michael F.; Sokola, Raymond L.; and Choi, Charles, 4,551,696, Cl. 333-204.000.

Choi, Dai-Shik; and McCain, David L., to Conoco Inc. Selective mining from horizontal holes. 4,496,191, 1-29-85, Cl. 299-17.000.

Choi, In K. Method and apparatus for tidal electric power generation using the buoyancy energy of the tide. 4,544,849, 10-1-85, Cl. 290-53.000.

Choi, John I.: *See*—
- Walther, James F.; and Choi, John I., 4,528,175, Cl. 423-492.000.

Choi, Kyu-Hwan. Mechanical seal with fluid flow-reversing means. 4,502,695, 3-5-85, Cl. 277-12.000.

Choi, Smith: *See*—
- Gebauer, Paul W.; and Choi, Smith, 4,508,349, Cl. 273-175.000.

Choiniere, Gabriel: *See*—
- Laliberte, Jacques; and Choiniere, Gabriel, 4,561,805, Cl. 406-71.000.

Choinski, Edward J., to Polaroid Corporation. Process simulator. 4,497,121, 2-5-85, Cl. 34-23.000.

Choinski, Graydon J.; and Brooks, Dave W., to Thyssen-Bornemisza Inc. Boot assembly for brake actuator. 4,508,018, 4-2-85, Cl. 92-128.000.

Chokai, Shoichi: *See*—
- Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.

Cholakis, Peter N., to Barry Wright Corporation. Pump impellers and manufacture thereof by co-injection molding. 4,512,720, 4-23-85, Cl. 416-241.00A.

Cholakis, Peter N.: *See*—
- Peterson, Robert R.; Schubert, Dale W.; and Cholakis, Peter N., 4,492,949, Cl. 338-114.000.

Cholewa, Lothar: *See*—
- Aschoff, Hans-Joachim; and Cholewa, Lothar, 4,517,502, Cl. 318-474.000.

Cholin, Jeffrey G.: *See*—
- Cholin, John M.; Voorhis, Ray; and Cholin, Jeffrey G., 4,553,031, Cl. 250-339.000.

Cholin, John M., to Firetek Corporation. Self compensating fire detection device. 4,513,202, 4-23-85, Cl. 250-385.000.

Cholin, John M.; Voorhis, Ray; and Cholin, Jeffrey G., to Firetek Corporation. Optical fire or explosion detection system and method. 4,553,031, 11-12-85, Cl. 250-339.000.

Chollet, Christian; and David, Jean, to Electricite de France (Service National). Device for measuring the speed of the fluid in the annular space of a steam generator. 4,516,425, 5-14-85, Cl. 73-198.000.

Cholley, Henri E.; Laupretre, Jean J.; and Rollet, Jean, to Foptica. Optical cable designed to withstand high pressures. 4,521,072, 6-4-85, Cl. 350-96.230.

Cholod, Michael S., to Rohm and Haas Company. Copolyester of polyethylene terephthalate and bis (4-beta hydroxy ethoxy phenyl) sulfone. 4,547,563, 10-15-85, Cl. 528-173.000.

Cholvin, Robert L.; McInerney, Charles E.; Nancarrow, James N.; and Gantz, Jack L., to Garrett Corporation, The. Supercharged diesel engine air inflow control system. 4,513,730, 4-30-85, Cl. 123-564.000.

Cholvin, Robert L.; McInerney, Charles E.; Nancarrow, James N.; and Gantz, Jack L., to Garrett Corporation, The. Supercharged diesel engine air inflow control system. 4,515,136, 5-7-85, Cl. 123-564.000.

Chomerics, Inc.: *See*—
- Genova, Anthony T.; Squitieri, Vincent; and Lionetta, William G., Jr., 4,497,533, Cl. 339-143.00R.
- Powers, Donald H., Jr., 4,507,359, Cl. 428-328.000.

Chometon, Pierre; and Dollfus, Jacques, to Commissariat a l'Energie Atomique. Device for damping shocks caused by moving heavy objects. 4,492,291, 1-8-85, Cl. 188-377.000.

Chomiki, Michel, to Thomson-CSF. Elastic wave processing system invariant with the temperature. 4,491,931, 1-1-85, Cl. 364-861.000.

Chonan, Kenichi: *See*—
- Ito, Tosikazu; Komathuzaki, Kiyomi; Chonan, Kenichi; and Horibe, Kiyoshi, 4,515,066, Cl. 91-454.000.

Chonde, Yohannes, to Dow Chemical Company, The. Interface beads for mixed-bed ion exchange resins. 4,537,911, 8-27-85, Cl. 521-28.000.

Chong, Hae C., to Franklin Sports Industries, Inc. Sports glove. 4,525,877, 7-2-85, Cl. 2-161.00A.

Chong, Ian, to General Drapery Services, Inc. Shading system. 4,492,261, 1-8-85, Cl. 160-319.000.

Chong, Wun C. Seam inspection apparatus. 4,497,409, 2-5-85, Cl. 209-538.000.

Chono, Masazumi; and Ishida, Hiroshi, to Asahi Kasei Kogyo Kabushiki Kaisha. Crystalline aluminosilicate AZ-1 and a process for producing the same. 4,537,757, 8-27-85, Cl. 423-328.000.

Chono, Masazumi: *See*—
- Fukuoka, Shinsuke; Chono, Masazumi; Watanabe, Tomonari; and Kohno, Masashi, 4,547,322, Cl. 260-453.00P.

Choong, Tsi-Pin: *See*—
- Umble, Don G.; Choong, Tsi-Pin; Izzo, Kenneth R.; Burdg, Charles E.; Hankin, Gary H.; and Dalke, Charles A., 4,512,179, Cl. 73-4.00R.

Chopin, Claude: *See*—
- Caillot, Luc; and Chopin, Claude, 4,537,190, Cl. 128-204.220.

Chorbajian, Peter M. Occlusal splints and the method of manufacturing the same. 4,557,692, 12-10-85, Cl. 433-215.000.

Chore-Time Equipment, Inc.: *See*—

Sheets, Keith A., and Eby, Devon L., 4,530,308, Cl. 119-52.00B

Swartzendruber, Ray E., 4,495,894, Cl. 119-51.00R

Chorkey, William J. Valve with straight through flow. 4,526,202, 7-2-85, Cl. 137-625.600

Chorkey, William J. Directional control valve with straight through flow. 4,548,238, 10-22-85, Cl. 137-625.250

Chorvat, Robert J.; Lenz, George R.; and Evans Radak, Suzanne, to G. D. Searle & Co. Benzothiazine derivatives. 4,500,708, 2-19-85, Cl. 544-34.000

Chorvat, Robert J., and Desai, Bipinchandra N., to G. D. Searle & Co. 2,5-pyrrolidinedione derivatives useful as antiarrhythmic agents. 4,554,353, 11-19-85, Cl. 546-208.000

Chorvat, Robert J.: *See*—

Adelstein, Gilbert W., and Chorvat, Robert J., 4,560,754, Cl. 544-282.000

Chotard, Michel: *See*—

Bailey, Ronald D.; Charbonnier, Jacques; and Chotard, Michel, 4,553,649, Cl. 198-340.000

Chou, Billy J., to William H. Rorer, Inc. Promotion of feed efficiency in animals. 4,562,209, 12-31-85, Cl. 514-596.000

Chou, Clifford C.: *See*—

Hargunani, Ashok B., and Chou, Clifford C., 4,524,603, Cl. 73-12.000

Chou, David T.; Durden, John A.; and D'Silva, Themistocles D. J., to Union Carbide Corporation. Pesticidal phenoxypyridyl benzoyl ureas. 4,540,578, 9-10-85, Cl. 514-349.000

Chou, Der-Jeou: *See*—

Heath, Donald L., and Chou, Der-Jeou, 4,497,973, Cl. 136-212.000

Chou, Eddie C.; Wiegers, Ben W.; Huggins, Dale K.; and Wiewiorowski, Edward I., to Amax Inc. Removal of hexavalent selenium from nickel, cobalt or copper sulfate solution. 4,544,541, 10-1-85, Cl. 423-508.000

Chou, Eddie C. J., and Coopernider, Mark W., to Amax Inc. Production of cobalt and nickel powder. 4,545,814, 10-8-85, Cl. 75-0.5AA

Chou, Fargo. Retractable comb and brush. 4,527,576, 7-9-85, Cl. 132-123.000

Chou, Jin-Jong. Game shoe. 4,541,185, 9-17-85, Cl. 36-114.000

Chou, Kechia J., and Valkovich, Philip B., to Texaco Inc. Amine-polymer dispersants in lubricating oils and a method of improving the dispersancy of a lubricating oil. 4,510,063, 4-9-85, Cl. 252-51.50R

Chou, Ta-Sen, and Heath, Perry C., to Eli Lilly and Company. Process for preparing a cephalosporin compound. 4,525,587, 6-25-85, Cl. 544-025.000

Chou, Ta-Sen, to Eli Lilly and Company. Crystalline cephalosporin antibiotic salt. 4,537,959, 8-27-85, Cl. 544-025.000

Chou, Tai-Sheng: *See*—

Chester, Arthur W.; Chou, Tai-Sheng; and Chu, Yung-Feng, 4,523,047, Cl. 585-322.000

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- Bien, Alfred A., 4,504,164, Cl. 403-109.000.
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- Chu, David C.; and Ward, Michael J., to Hewlett-Packard Company. Data capture in an uninterrupted counter. 4,519,091, 5-21-85, Cl. 377-44.000.
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  - Chester, Arthur W.; and Chu, Yung-Feng, 4,522,929, Cl. 502-77.000.
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  - McCulloch, Alister L., 4,561,630, Cl. 251-84.000.
- Chubb, Donald L., to United States of America, National Aeronautics and Space Administration. Thermionic-photovoltaic energy converter. 4,528,417, 7-9-85, Cl. 136-253.000.
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  - Evans, John L.; and Bains, Kuldip, 4,506,738, Cl. 169-24.000.
- Chubb & Son's Lock & Safe Company Limited: *See—*
  - Harper, Barrie S., 4,530,222, Cl. 70-364.00R.
  - Robinson, William K.; and White, Malcolm J., 4,506,530, Cl. 70-338.000.
  - Rogers, John; and White, Malcolm J., 4,534,191, Cl. 70-116.000.
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  - Jacobson, Stephen E.; and Chueh, Chun F., 4,496,781, Cl. 568-862.000.
- Chugai Denki Kogyo K.K.: *See—*
  - Shibata, Akira, 4,514,238, Cl. 148-431.000.
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  - Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, 4,518,353, Cl. 432-205.000.
  - Hatakenaka, Toshiki; Akiyama, Tetsuo; Asada, Shinji; and Shinohara, Kunio, 4,561,800, Cl. 404-79.000.
  - Imose, Masayuki; Seno, Takao; and Sakaguchi, Yoshihito, 4,501,553, Cl. 432-59.000.
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  - Terasaka, Yoshiyasu; Tanabe, Masao; and Hori, Masanori, 4,549,079, Cl. 250-339.000.
- Chugai Seiyaku Kabushiki Kaisha: *See—*
  - Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.
  - Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,500,544, Cl. 514-543.000.
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- Chugunny, Evgeny G.: *See—*
  - Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., 4,533,243, Cl. 356-44.000.
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  - King, Edward T.; and Chui, Granger K., 4,556,024, Cl. 123-196.0AB.
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  - Katoh, Kenji; and Chujo, Yoshiki, 4,528,961, Cl. 123-489.000.
  - Sugiyama, Shinichi; Chujo, Yoshiki; and Yaegashi, Takehisa, 4,491,921, Cl. 364-431.050.
- Chukran, Rudolph E.: *See—*
  - Gaudet, James L.; and Chukran, Rudolph E., 4,498,150, Cl. 364-900.000.
- Chulada, Edmund C.; and Nelson, David A., to Ingersoll-Rand Company. Field replaceable screw conveyor inserts. 4,516,302, 5-14-85, Cl. 29-156.80R.
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  - Sutton, John H., III; and Chulay, Steven J., 4,548,596, Cl. 494-20.000.
- Chulick, Eugene T., to Babcock & Wilcox Company, The. Multiple point groundwater sampler. 4,538,683, 9-3-85, Cl. 166-264.000.
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  - Matsui, Masanao; Chun-Eng, Liau; Kogami, Kunio; Yano, Toshihiko; and Matsuo, Noritada, 4,496,586, Cl. 514-531.000.
- Chun, Kwang S.: *See—*
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- Chung, Chi H., to Minnesota Mining and Manufacturing Company. Quadrilayer optical draw medium. 4,551,828, 11-5-85, Cl. 369-275.000.
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  - Briggs, James E., Jr.; Chu, Kwang-Ho; and Chung, Daniel C., 4,496,677, Cl. 524-108.000.
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- Chung, Rack H., to General Electric Company. End-capping catalysts for forming alkoxy-functional one component RTV compositions. 4,515,932, 5-7-85, Cl. 528-16.000.
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  - Kuzunishi, Hiroyuki, 4,541,303, Cl. 74-501.00R.
  - Yamamoto, Toshiro; Kobayashi, Ryohei; Kurimoto, Mamoru; and Ozone, Toshio, 4,544,406, Cl. 75-123.00N.
- Chuo Kagaku Co., Ltd.: *See—*
  - Suzuki, Shigemasa; and Takai, Toshiyuki, 4,506,037, Cl. 521-82.000.
- Chuo Spring Co., Ltd.: *See—*
  - Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
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- Chupp, John P.; and Balthazor, Terry M., to Monsanto Company. Preparation of substituted benzylic halides. 4,540,522, 9-10-85, Cl. 260-465.00E.
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  - Winston, Anthony; Ansaldi, Anthony; and Usen, Norman, 4,547,362, Cl. 424-49.000.
- Church, Mark A.; and Decker, Stephen K., to International Business Machines Corporation. Integrated magnetic recording head assembly including an inductive write subassembly and a magnetoresistive read subassembly. 4,504,880, 3-12-85, Cl. 360-113.000.
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- Church, Ronald H.: *See—*
  - Webb, William E.; and Church, Ronald H., 4,491,971, Cl. 455-100.000.
- Church, Royce F.; McCaffrey, Donald B.; and Plude, Leo W., to Boeing Company, The. Door anti-hijacking latch/lock mechanism with pneumatic decompression override. 4,522,359, 6-11-85, Cl. 244-129.500.
- Church, William H.; and Teichman, James E. Load-tilt attachment employing a pinion gear arrangement. 4,507,041, 3-26-85, Cl. 414-641.000.
- Churchill, Howard. Tree stand. 4,520,935, 6-4-85, Cl. 211-124.000.
- Churchill, Jeffrey R.; and Hutchinson, Francis G., to Imperial Chemical Industries PLC. Continuous release formulations. 4,526,938, 7-2-85, Cl. 525-415.000.
- Churchill, John E.; and Stockdale, Trevor J., to U.S. Philips Corporation. Automatic sampling arrangement. 4,541,291, 9-17-85, Cl. 73-864.250.
- Churchill, John E.: *See—*
  - Stockdale, Trevor J.; and Churchill, John E., 4,501,164, Cl. 73-864.250.
- Churchland, Mark T.; and Parker, David, to MacMillan Bloedel Limited. Pressed composite assembly and method. 4,508,772, 4-2-85, Cl. 428-106.000.
- Churchland, Mark T., to MacMillan Bloedel Limited. Method for pressing a composite assembly. 4,517,148, 5-14-85, Cl. 264-112.000.
- Churchland, Mark T.; and Schilling, Walter W., to MacMillan Bloedel Limited. Method and apparatus for sorting elongate articles. 4,546,886, 10-15-85, Cl. 209-665.000.
- Churma, Theodore; Latimer, Elwood D., Jr.; and Vicik, Stephen J., to Union Carbide Corporation. Modification of ethylene vinyl acetate copolymer. 4,515,745, 5-7-85, Cl. 264-211.000.
- Chursin, Stepan T.: *See—*
  - Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.
- Churyo Engineering Co., Ltd.: *See—*
  - Watabe, Shin; and Shibata, Hideto, 4,534,410, Cl. 165-126.000.
- Chute, Richard: *See—*
  - Gale, Allan R.; and Chute, Richard, 4,532,460, Cl. 318-139.000.
  - Hoppie, Lyle O.; and Chute, Richard, 4,531,719, Cl. 267-57.10R.

  Schutten, Herman P.; Hoppie, Lyle O.; Turner, David; and Chute, Richard, 4,538,642, Cl. 137-625.280.
Chuwman, Tsutomu; Hagino, Tetsu; and Tsuchida, Shozaburo, to Toyota Jidosha Kabushiki Kaisha. Pin-sliding caliper disc brake with boot protector. 4,512,446, 4-23-85, Cl. 188-73.380.
Chuzawa, Takaaki: *See—*
  Nakano, Kunimitsu; Chuzawa, Takaaki; and Ohmuro, Masaru, 4,514,709, Cl. 335-201.000.
Chylinski, Victoria S.: *See—*
  Trager, Seymour F.; and Chylinski, Victoria S., 4,539,330, Cl. 514-398.000.
  Trager, Seymour F.; and Chylinski, Victoria S., 4,540,568, Cl. 424-81.000.
Chyron Corporation: *See—*
  Buynak, William, 4,559,531, Cl. 340-703.000.
Chyung, Kenneth; Schultz, Peter C.; and Taylor, Mark P., to Corning Glass Works. Fiber reinforced glass/glass-ceramic mirror blanks. 4,554,197, 11-19-85, Cl. 428-113.000.
Chyz, George W.; and McGregor, David J., to General Motors Corporation. Tripot joint with spider retainer. 4,516,957, 5-14-85, Cl. 464-111.000.
CH₂M Hill, Inc.: *See—*
  Hickey, Robert V.; Hickey, Duane B.; and Goetzinger, Charles J., 4,526,463, Cl. 355-83.000.
CI.KA.RA. S.p.A.: *See—*
  Ciordinik, Jacques; and Penzo, Alessandro, 4,558,308, Cl. 340-550.000.
Ciabatti, Romeo; and Padova, Giovanna, to Gruppo Lepetit S.p.A. 1-[(acylthiocycloalkyl)carbonyl]-L-proline derivatives. 4,496,743, 1-29-85, Cl. 548-533.000.
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  Guzzi, Umberto; and Ciabatti, Romeo, 4,547,521, Cl. 514-530.000.
Cialone, Robert A. Method and kit for constructing an aesthetic and functional temporary denture. 4,521,193, 6-4-85, Cl. 433-199.000.
Ciammaichella, Richard C.: *See—*
  Bohl, Thomas L.; and Ciammaichella, Richard C., 4,521,089, Cl. 350-582.000.
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  Piacenti, Franco; Ciampelli, Federigo; and Pasetti, Adolfo, 4,499,146, Cl. 428-422.000.
Ciampi, Paolo; and Becchi, Raffaele, to Ing. C. Olivetti & C., S.p.A. Positioning device for a selection member of printing machines. 4,504,158, 3-12-85, Cl. 400-144.200.
Cianci, James P.; and Dunn, William J., to Kendall Company, The. Liquid drainage system with formed hinged support sheet. 4,501,584, 2-26-85, Cl. 604-322.000.
Cianci, James P.; and Layton, Terry N., to Kendall Company, The. Liquid drainage system with anti-reflux valve. 4,512,770, 4-23-85, Cl. 604-323.000.
Cianci, James P., to Kendall Company, The. Liquid drainage system with interlocked handle. 4,526,576, 7-2-85, Cl. 604-322.000.
Ciannella, Michael A.: *See—*
  Gould, Arnold S.; Sawicki, Gary; and Ciannella, Michael A., 4,552,554, Cl. 604-51.000.
Ciardiello, Giovanni; and Augusti, Ferdinando, to Ing. C. Olivetti & C., S.p.A. Apparatus for scanning and digitally processing half-tone images. 4,554,594, 11-19-85, Cl. 358-283.000.
Ciarrocchi, John A.: *See—*
  Chan, Robert H. G.; Mann, Martin R.; and Ciarrocchi, John A., 4,546,429, Cl. 364-200.000.
Ciba-Geigy AG: *See—*
  Begrich, Rainer, 4,515,963, Cl. 548-437.000.
  Blake, Colin C.; and Bacon, Paul A., 4,545,873, Cl. 204-109.000.
  Blattner, Rudolf, 4,551,283, Cl. 260-508.000.
  Burli, Martin; Bersier, Jacques; Plattner, Eric; and Herrmann, Hans-Ulrich, 4,559,176, Cl. 260-352.000.
  Defago, Raymond; and Bauerle, Rolf, 4,543,102, Cl. 8-471.000.
  Freeman, Barrie A., 4,506,986, Cl. 366-142.000.
  Howell, Frederick H., 4,549,015, Cl. 544-87.000.
  Ikin, John B., 4,522,497, Cl. 356-431.000.
  Inculet, Ion, 4,560,107, Cl. 239-3.000.
  Jan, Gerald; and Lenoir, John, 4,521,591, Cl. 534-821.000.
  Kingston, Samuel B.; and Evans, Graham, 4,510,238, Cl. 430-627.000.
  Leppard, David G.; and Rody, Jean, 4,496,649, Cl. 430-372.000.
  Leppard, David G.; and Rody, Jean, 4,517,283, Cl. 430-512.000.
  Leppard, David G.; and Rody, Jean, 4,518,679, Cl. 430-372.000.
  Leppard, David G.; and Rody, Jean, 4,518,688, Cl. 430-551.000.
  Leppard, David G.; and Rody, Jean, 4,558,131, Cl. 546-222.000.
  Libicky, Arnost; and Schar, Meinrad, 4,546,069, Cl. 430-390.000.
  Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., 4,560,646, Cl. 430-566.000.
  Plattner, Eric; Staubli, Sebastian; and von Kaenel, Fred, 4,510,100, Cl. 260-508.000.
  Punzar, Marianne; Marti, Franz; Mercier, Robert; Tobler, Paul; and Buttiker, Rudolf, 4,552,959, Cl. 544-190.000.
  Schmutz, Paul; and Angliker, Hans-Jorg, 4,549,989, Cl. 260-378.000.
  Smith, Norman A., 4,540,785, Cl. 546-116.000.
  Somlo, Tibor; and Regli, Johann, 4,507,240, Cl. 260-384.000.
  Somlo, Tibor; and Regli, Johann, 4,543,214, Cl. 260-384.000.
  Turner, George F. A. M., 4,498,763, Cl. 355-55.000.
  Turner, George F. A. M., 4,529,297, Cl. 355-45.000.
  Turner, George F. A. M.; Moore, Michael H.; and Twigger, Ernest J., 4,552,452, Cl. 355-27.000.
  Yates, Andrew W.; Harradine, Brian D.; and Wraith, Michael A., 4,533,627, Cl. 430-567.000.
Ciba-Geigy Corporation: *See—*
  Abel, Heinz; and Guth, Christian, 4,494,952, Cl. 8-125.000.
  Abel, Heinz; and Guth, Christian, 4,539,353, Cl. 524-123.000.
  Abel, Heinz, 4,545,919, Cl. 252-174.180.
  Abel, Heinz; and Topfl, Rosemarie, 4,559,162, Cl. 252-321.000.
  Adam, Jean-Marie; and Bloch, Peter, 4,501,592, Cl. 8-676.000.
  Adam, Jean-Marie, 4,525,583, Cl. 534-606.000.
  Aldwinckle, Michael J., 4,552,580, Cl. 71-3.000.
  Andrews, Christopher M., 4,507,445, Cl. 525-504.000.
  Audykowski, Thaddeus; Mentha, Anton; and Losert, Ewald, 4,544,623, Cl. 430-280.000.
  Aufderhaar, Ernst, 4,540,514, Cl. 260-239.00D.
  Aufderhaar, Ernst, 4,559,174, Cl. 260-239.00D.
  Babler, Fridolin; and Weissmuller, Adolf, 4,517,320, Cl. 523-215.000.
  Babler, Fridolin, 4,550,215, Cl. 585-469.000.
  Babler, Fridolin; and Munk, Kurt, 4,554,094, Cl. 252-518.000.
  Back, Gerhard, 4,502,860, Cl. 8-437.000.
  Back, Gerhard; Beffa, Fabio; and Schutz, Hans-Ulrich, 4,502,865, Cl. 8-543.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,503,227, Cl. 544-246.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,506,073, Cl. 546-64.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,562,449, Cl. 346-218.000.
  Balliello, Paolo, 4,507,126, Cl. 8-526.000.
  Balliello, Paolo, 4,525,170, Cl. 8-524.000.
  Baumeister, Peter; Reinehr, Dieter; and Rosenegger, Eckehard, 4,506,099, Cl. 564-413.000.
  Becker, Carl; and Heizler, Fritz, 4,502,861, Cl. 8-490.000.
  Becker, Carl; and Heizler, Fritz, 4,559,150, Cl. 252-8.600.
  Bedekovic, Davor; and Fletcher, Ian J., 4,508,897, Cl. 544-127.000.
  Beffa, Fabio, 4,493,798, Cl. 534-697.000.
  Begrich, Rainer; and Landre, Jean-Francois, 4,504,273, Cl. 8-549.000.
  Berendt, Hans-Ulrich; and Pacher, Marielise, 4,515,596, Cl. 8-107.000.
  Berner, Godwin, 4,511,596, Cl. 427-44.000.
  Berner, Godwin; and Rutsch, Werner, 4,540,598, Cl. 427-54.100.
  Berner, Godwin; and Kirchmayr, Rudolf, 4,560,709, Cl. 204-159.140.
  Blackwell, Joseph T., III; and Gasper, Larry, III, 4,496,728, Cl. 544-319.000.
  Blattner, Hans; and Storni, Angelo, 4,492,691, Cl. 424-244.000.
  Boger, Manfred; Ehrenfreund, Josef; Martin, Pierre; and Steiner, Eginhard, 4,511,571, Cl. 514-351.000.
  Boger, Manfred; and Drabek, Jozef, 4,515,798, Cl. 514-341.000.
  Boger, Manfred; and Drabek, Jozef, 4,550,108, Cl. 514-232.000.
  Boger, Manfred; and Drabek, Jozef, 4,554,290, Cl. 514-487.000.
  Boger, Manfred; and Drabek, Jozef, 4,555,405, Cl. 514-488.000.
  Bohner, Beat, 4,515,620, Cl. 71-91.000.
  Bohner, Beat, 4,547,216, Cl. 71-93.000.
  Bohner, Beat; Fory, Werner; Gass, Karl; and Meyer, Willy, 4,549,898, Cl. 71-90.000.
  Bossard, Alfred E.; and Kuster, Kaspar, 4,559,896, Cl. 118-300.000.
  Brace, Neal O., 4,517,384, Cl. 568-27.000.
  Braun, Rosalinde, 4,513,302, Cl. 346-210.000.
  Breitenfellner, Franz, 4,521,560, Cl. 524-371.000.
  Breitenfellner, Franz; and Kainmueller, Thomas, 4,546,126, Cl. 523-216.000.
  Browne, Leslie J., 4,536,505, Cl. 514-339.000.
  Brunner, Hans-Georg; Schurter, Rolf; and Szczepanski, Henry, 4,508,560, Cl. 71-94.000.
  Bruttel, Beat; and Pfenninger, Heinz, 4,500,321, Cl. 8-527.000.
  Bruttel, Beat; Schneider, Hansjorg; and Dorfel, Werner H., 4,560,747, Cl. 534-887.000.
  Buchel, Urs; and Muther, Paul, 4,523,923, Cl. 8-524.000.
  Burdeska, Kurt; Kabas, Guglielmo, deceased; Brunner, Hans-Georg; and Fory, Werner, 4,493,726, Cl. 71-87.000.
  Bussing, Jurgen; and Muller, Hubert, 4,518,732, Cl. 524-178.000.
  Buxbaum, Lothar; Breitenfellner, Franz; and Kainmuller, Thomas, 4,499,219, Cl. 524-94.000.
  Cassar, Luigi; Iqbal, Abul; and Rochat, Alain C., 4,540,791, Cl. 546-335.000.
  Clark, Malcolm C.; Henshall, John B.; and Hart, Derrick A., 4,533,499, Cl. 260-391.000.
  Cleverdon, Jo Ann, 4,502,864, Cl. 8-527.000.
  Cook, Barry, 4,501,667, Cl. 210-700.000.
  Darms, Roland; Beyeler, Harry; and Haug, Theobald, 4,496,794, Cl. 174-68.500.
  Darms, Roland; Haug, Theobald; and Beyeler, Harry, 4,503,285, Cl. 174-68.500.
  Darms, Roland; Beyeler, Harry; and Haug, Theobald, 4,562,119, Cl. 428-458.000.
  Defago, Raymond; and Guz, Sabahattin, 4,560,387, Cl. 8-527.000.
  Della Casa, Angelo; and Aeschlimann, Peter, 4,544,373, Cl. 8-639.000.
  Demmer, Christopher G., 4,507,446, Cl. 525-523.000.
  de Sousa, Bernardo; Schmid, Werner; and Artz, Klaus, 4,503,100, Cl. 427-428.000.
  Dexter, Martin; and Winter, Roland A. E., 4,496,676, Cl. 524-99.000.

Dexter, Martin; and Winter, Roland A. E., 4,496,757, Cl. 560-82.000.
Dexter, Martin; and Winter, Roland A. E., 4,504,419, Cl. 260-465.00D.
Dexter, Martin; and Winter, Roland A. E., 4,544,691, Cl. 524-99.000.
Diethelm, Hermann; and Zahir, Sheik A., 4,525,572, Cl. 528-170.000.
Dittrich, Volker, 4,500,521, Cl. 514-81.000.
Dittrich, Volker, 4,554,270, Cl. 514-120.000.
Dobinson, Bryan; and Thoseby, Michael R., 4,540,769, Cl. 528-90.000.
Drabek, Jozef, 4,492,705, Cl. 424-270.000.
Drabek, Jozef; and Boger, Manfred, 4,497,746, Cl. 260-544.00C.
Drabek, Jozef, 4,503,069, Cl. 514-469.000.
Drabek, Jozef, 4,511,578, Cl. 514-469.000.
Drabek, Jozef, 4,532,256, Cl. 514-469.000.
Dreher, Bernd; and Schneider, Wolfgang, 4,552,815, Cl. 428-415.000.
Durr, Dieter; Rohr, Otto; and Bohner, Beat, 4,495,350, Cl. 544-167.000.
Durr, Dieter; Rohr, Otto; and Bohner, Beat, 4,533,380, Cl. 71-88.000.
Eckert, Theodor, 4,551,475, Cl. 514-408.000.
Eckhardt, Claude; and Holzle, Gerd, 4,540,518, Cl. 260-242.200.
Eckhardt, Wolfgang; and Kunz, Walter, 4,528,284, Cl. 514-84.000.
Eckhardt, Wolfgang; and Kunz, Walter, 4,533,659, Cl. 514-184.000.
Ehrenfreund, Josef, 4,505,931, Cl. 514-594.000.
Erzinger, Paul; and Lapple, Arnulf R., 4,508,536, Cl. 8-639.000.
Falk, Robert A.; and Borsodi, Istvan, 4,536,254, Cl. 162-135.000.
Falk, Robert A., 4,540,805, Cl. 560-135.000.
Fasciati, Alfred; and Buhler, Arthur, 4,558,121, Cl. 534-641.000.
Ferrini, Pier G.; Rossi, Alberto; and Haas, Georges, 4,505,913, Cl. 514-183.000.
Finter, Jurgen; and Fischer, Walter, 4,560,643, Cl. 430-346.000.
Fischer, Walter; and Zweifel, Hans, 4,537,977, Cl. 549-243.000.
Forgo, Imre; and Francois, Jacques, 4,496,694, Cl. 525-163.000.
Fory, Werner; Martin, Henry; and Pissiotas, Georg, 4,505,742, Cl. 71-93.000.
Fory, Werner; Gass, Karl; Meyer, Willy; and Schurter, Rolf, 4,523,944, Cl. 71-92.000.
Fory, Werner; Martin, Henry; and Pissiotas, Georg, 4,554,016, Cl. 71-105.000.
Fory, Werner, 4,560,771, Cl. 549-15.000.
Frey, Christoph; and Felix, Franz, 4,529,804, Cl. 548-402.000.
Fuhrer, Walter; Ostermayer, Franz; and Zimmermann, Markus, 4,559,354, Cl. 514-357.000.
Gabriele, Peter D.; and Rademan, Jerry E., 4,552,885, Cl. 514-316.000.
Gallay, Jean J.; and Schweizer, Ernst, 4,511,567, Cl. 514-253.000.
Gehret, Jean-Claude; and Traber, Walter, 4,559,357, Cl. 514-423.000.
Gehret, Jean-Claude; and Gubler, Kurt, 4,560,770, Cl. 548-561.000.
Ghisalba, Oreste; Heinzer, Franz; and Kuenzi, Martin, 4,492,756, Cl. 435-253.000.
Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,500,457, Cl. 260-245.20R.
Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,515,717, Cl. 260-239.00A.
Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,518,533, Cl. 260-245.400.
Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,524,028, Cl. 260-239.00A.
Green, George E., 4,552,604, Cl. 156-246.000.
Grob, Jurgen; and Kalvoda, Jaroslav, 4,552,871, Cl. 514-172.000.
Grob, Jurgen; and Kalvoda, Jaroslav, 4,559,332, Cl. 514-175.000.
Gsell, Laurenz, 4,505,738, Cl. 71-88.000.
Guglielmetti, Leonardo, 4,508,784, Cl. 252-301.210.
Guglielmetti, Leonardo, 4,539,161, Cl. 260-465.00E.
Gunther, Walter; and Hintermayr, Kurt, 4,541,831, Cl. 8-648.000.
Guth, Christian; and Schafer, Paul, 4,515,597, Cl. 8-107.000.
Haas, Georges; von Sprecher, Andreas; and Ferrini, Pier G., 4,523,030, Cl. 562-460.000.
Habicht, Ernst; and Zbinden, Paul, 4,500,542, Cl. 514-465.000.
Habicht, Ernst; and Zbinden, Paul, 4,517,184, Cl. 514-212.000.
Ham, Nancy M., 4,540,750, Cl. 525-504.000.
Hartmann, Albert; Wacker, Oskar; Baschang, Gerhard; and Tarcsay, Lajos, 4,548,923, Cl. 514-8.000.
Haug, Theobald; and Stockinger, Friedrich, 4,518,748, Cl. 525-481.000.
Haug, Theobald; and Stockinger, Friedrich, 4,552,935, Cl. 525-488.000.
Heckendorn, Roland, 4,510,141, Cl. 514-250.000.
Hegar, Gert; and Seiler, Herbert, 4,556,706, Cl. 534-618.000.
Henry, Rebecca D., 4,528,305, Cl. 523-219.000.
Hilti, Bruno; Mayer, Carl W.; and Rihs, Grety, 4,522,754, Cl. 260-239.00R.
Hoegerle, Karl; and Tobler, Hans, 4,560,402, Cl. 71-092.000.
Holtje, Wilfried G., 4,544,746, Cl. 546-103.000.
Holzle, Gerd; Miotto, Mirella; Reinert, Gerhard; and Polony, Rudolf, 4,497,741, Cl. 260-245.770.
Howard, Donald K.; Finan, Michael A.; and Lees, Michael J., 4,559,214, Cl. 423-430.000.
Howell, Frederick H., 4,554,379, Cl. 564-374.000.
Hubele, Adolf; and Riebli, Peter, 4,546,109, Cl. 514-493.000.
Husler, Rinaldo; Rutsch, Werner; and Dietliker, Kurt, 4,498,964, Cl. 204-159.230.
Husler, Rinaldo; Kirchmayr, Rudolf; and Rutsch, Werner, 4,559,371, Cl. 204-158.00R.
Iqbal, Abul; and Lienhard, Paul, 4,496,727, Cl. 544-225.000.
Irving, Edward; and Smith, Terence J., 4,500,629, Cl. 430-325.000.
Irving, Edward, 4,518,676, Cl. 430-280.000.
Irving, Edward, 4,537,725, Cl. 556-138.000.
Irving, Edward; and Smith, Terence J., 4,546,067, Cl. 430-325.000.
Irving, Edward; and Smith, Terence J., 4,548,895, Cl. 430-325.000.
Jaffe, Edward E., 4,541,872, Cl. 106-309.000.
Jaffe, Edward E., 4,548,968, Cl. 524-88.000.
Jehle, Nikolaus; Thuer, Markus; and Losert, Ewald, 4,502,957, Cl. 210-690.000.
Karlen, Urs; Putzar, Roland; and Schaulin, Rudolf, 4,550,178, Cl. 548-426.000.
Karrer, Friedrich, 4,532,279, Cl. 524-102.000.
Karrer, Friedrich, 4,556,714, Cl. 546-190.000.
Kaschig, Jurgen; Kleiner, Eduard K.; Mueller, Karl F.; and Cooke, Thomas W., 4,515,640, Cl. 106-287.250.
Kaser, Adolf, 4,515,599, Cl. 8-685.000.
Khanna, Satish C., 4,510,128, Cl. 424-79.000.
King, John J.; Sellers, Ralph F.; and Castonguay, Richard N., 4,500,582, Cl. 428-116.000.
Kirchmayr, Rudolf; and Rutsch, Werner, 4,504,372, Cl. 204-159.150.
Kirchmayr, Rudolf; and Rutsch, Werner, 4,510,290, Cl. 525-162.000.
Koci, Zdenek, 4,519,805, Cl. 8-650.000.
Kristiansen, Odd; and Drabek, Jozef, 4,518,601, Cl. 514-340.000.
Kristiansen, Odd; Drabek, Jozef; and Fluck, Victor, 4,539,314, Cl. 514-84.000.
Kristinsson, Haukur; and Topfl, Werner, 4,521,597, Cl. 544-3.000.
Krueger, Ulf A.; and Meshako, Thomas M., 4,518,762, Cl. 528-95.000.
Kunz, Walter; and Eckhardt, Wolfgang, 4,517,194, Cl. 514-184.000.
Kuster, Kaspar, 4,505,375, Cl. 198-482.000.
Kvita, Vratislav; Zweifel, Hans; Roth, Martin; and Felder, Louis, 4,505,794, Cl. 204-159.240.
Kvita, Vratislav; Zweifel, Hans; Roth, Martin; and Felder, Louis, 4,506,083, Cl. 549-27.000.
Lacroix, Roger, 4,523,924, Cl. 8-527.000.
Lacroix, Roger; and Marfurt, Hans-Rudolf, 4,560,480, Cl. 210-638.000.
Lapple, Arnulf R.; and Nicopoulos, Alex, 4,536,185, Cl. 8-527.000.
Lauton, Alain; and Koci, Zdenek, 4,514,186, Cl. 8-527.000.
Lee, Ping I., 4,559,186, Cl. 264-2.100.
Leigh, Malcolm H.; Deiner, Hans; Philpott, George C.; Macklin, Ian S.; and McDonald, Alan, 4,559,056, Cl. 8-115.640.
Lienhard, Paul; and Saar, Werner, 4,527,994, Cl. 8-494.000.
Lohse, Friedrich; and Zondler, Helmut, 4,499,268, Cl. 544-196.000.
Lohse, Friedrich; and Zondler, Helmut, 4,537,946, Cl. 528-118.000.
Maier, Ludwig; Meyer, Willy; Oertle, Konrad; Roloff, Achim; and Topfl, Werner, 4,559,078, Cl. 71-87.000.
Malherbe, Roger F.; and Ackerman, Michael H., 4,547,537, Cl. 524-97.000.
Martin, Henry, 4,497,745, Cl. 260-465.00D.
Martin, Henry, 4,500,347, Cl. 71-97.000.
Martin, Henry, 4,518,536, Cl. 260-465.00D.
Martin, Henry; and Fricker, Urs, 4,530,716, Cl. 71-88.000.
Martin, Henry, 4,530,798, Cl. 260-465.00E.
Martin, Henry, 4,548,756, Cl. 260-465.00E.
Martin, Pierre, 4,550,165, Cl. 546-94.000.
Maul, Rudolf; Otto, Eberhard; and Zinke, Horst, 4,492,661, Cl. 260-976.000.
Maul, Rudolf; Stephan, Hans; and Wolf, Walter, 4,554,368, Cl. 556-91.000.
Mayer, Carl W., 4,505,858, Cl. 260-239.00R.
Meier, Kurt; Buhler, Niklaus; and Reber, Jean-Francois, 4,559,237, Cl. 427-53.100.
Meyer, Alfred; Kunz, Walter; Maier, Ludwig; and Rempfler, Hermann, 4,497,647, Cl. 71-76.000.
Meyer, Hans R., 4,542,222, Cl. 548-327.000.
Meyer, Willy; and Fury, Werner, 4,510,325, Cl. 564-89.000.
Meyer, Willy; and Fory, Werner, 4,514,212, Cl. 71-93.000.
Meyer, Willy; Fory, Werner; and Topfl, Werner, 4,518,776, Cl. 544-206.000.
Meyer, Willy; and Fory, Werner, 4,537,619, Cl. 71-93.000.
Meyer, Willy, 4,540,782, Cl. 544-194.000.
Meyer, Willy; and Fory, Werner, 4,545,811, Cl. 71-93.000.
Meyer, Willy; Gass, Karl; Topfl, Werner; Schurter, Rolf; and Pissiotas, Georg, 4,551,531, Cl. 544-320.000.
Meyer, Willy; and Fory, Werner, 4,561,878, Cl. 71-92.000.
Meyer, Willy; Topfl, Werner; Kristinsson, Haukur; and Eckhardt, Wolfgang, 4,562,210, Cl. 514-604.000.
Mockli, Peter, 4,510,088, Cl. 260-380.000.
Mockli, Peter, 4,547,579, Cl. 549-280.000.
Mockli, Peter, 4,550,171, Cl. 548-159.000.
Mollet, Hans; and Dussy, Paul, 4,518,392, Cl. 8-609.000.
Moser, Hans, 4,534,904, Cl. 260-502.50F.
Mueller, Karl F.; and Heiber, Sonia J., 4,548,990, Cl. 525-123.000.
Muller, Beat, 4,532,332, Cl. 548-473.000.
Nachbur, Hermann; and Tempel, Christel, 4,536,779, Cl. 346-212.000.
Nikles, Erwin, 4,528,374, Cl. 546-186.000.
Nyfeler, Robert, 4,546,099, Cl. 514-212.000.

- Orban, Ivan; and Troxler, Eduard, 4,492,791, Cl. 544-198.000.
- Orban, Ivan, 4,507,463, Cl. 528-279.000.
- Orban, Ivan; and Troxler, Eduard, 4,536,593, Cl. 560-75.000.
- Ostermayer, Franz; and Zimmermann, Markus 4,497,813, Cl. 514-166.000.
- Pfenninger, Heinz; and Bruttel, Beat, 4,559,144, Cl. 210-638.000.
- Pfluger, Rudolf W., 4,542,216, Cl. 544-320.000.
- Polony, Rudolf; Reinert, Gerhard; Holzle, Gerd; Pugin, Andre; and Vonderwahl, Rodolphe, 4,530,924, Cl. 514-191.000.
- Preiswerk, Werner; and Bruttel, Beat, 4,548,610, Cl. 8-101.000.
- Preiswerk, Werner; and Bruttel, Beat, 4,552,562, Cl. 8-101.000.
- Puntener, Alois; and Beffa, Fabio, 4,507,124, Cl. 534-695.000.
- Puntener, Alois; and Koller, Josef, 4,507,125, Cl. 8-437.000.
- Puntener, Alois, 4,519,802, Cl. 8-404.000.
- Raisin, Helmut; and Teutelink, Bernard C., 4,553,976, Cl. 8-639.000.
- Ramanathan, Visvanathan, 4,517,358, Cl. 534-608.000.
- Ramanathan, Visvanathan, 4,562,247, Cl. 534-605.000.
- Reid, William J.; Zappia, Jean M.; Capocci, Gerald A.; and Spivack, John D., 4,555,541, Cl. 524-180.000.
- Renfroe, Harris B., 4,511,573, Cl. 514-332.000.
- Renfroe, Harris B., 4,539,410, Cl. 548-336.000.
- Renner, Alfred, 4,515,962, Cl. 548-435.000.
- Renner, Alfred, 4,528,357, Cl. 528-93.000.
- Renner, Alfred; Grutter, Peter; and Hugi, Rolf, 4,549,008, Cl. 528-220.000.
- Renner, Alfred, 4,562,241, Cl. 528-99.000.
- Riebli, Peter; Fischer, Hanspeter; Thummel, Rudolph C.; and Hubele, Adolf, 4,508,731, Cl. 514-472.000.
- Riediker, Martin; Rohde, Ottmar; Roth, Martin; and Buhler, Niklaus, 4,548,891, Cl. 430-283.000.
- Robertson, George H.; Price, David; and Birrell, Raymond N., 4,491,481, Cl. 106-288.00Q.
- Rochat, Alain C.; and Cassar, Luigi, 4,500,718, Cl. 548-471.000.
- Rohrer, Rudolf, 4,560,388, Cl. 8-543.000.
- Rosenberger, Siegfried, 4,507,420, Cl. 524-331.000.
- Rosenberger, Siegfried, 4,513,109, Cl. 524-342.000.
- Rosenberger, Siegfried, 4,532,059, Cl. 252-52.00R.
- Rosenberger, Siegfried, 4,532,286, Cl. 524-289.000.
- Roth, Martin, 4,544,621, Cl. 430-271.000.
- Ruegg, Christoph; and Voirol, Peter, 4,505,979, Cl. 428-379.000.
- Schaetzer, Harry; Raisin, Helmut; and Mausezahl, Dieter, 4,537,598, Cl. 8-641.000.
- Schafer, Paul; and Berendt, Hans-Ulrich, 4,494,956, Cl. 8-543.000.
- Schafer, Paul; and Berendt, Hans-Ulrich, 4,496,472, Cl. 252-186.220.
- Schaffner, Karl; and Scartazzini, Riccardo, 4,508,723, Cl. 514-195.000.
- Scheibli, Peter, 4,523,925, Cl. 8-549.000.
- Schindlery, Ctibor, 4,512,987, Cl. 514-171.000.
- Schumacher, Rolf; and Grubenmann, Arnold, 4,504,404, Cl. 252-33.400.
- Schurter, Rolf; and Rempfler, Hermann, 4,505,743, Cl. 71-94.000.
- Schurter, Rolf; Fory, Werner; and Meyer, Willy, 4,537,618, Cl. 71-92.000.
- Schutz, Hans U.; Raisin, Helmut; and Bouwknegt, Thys, 4,514,187, Cl. 8-531.000.
- Schutz, Hans U.; and Buhler, Arthur, 4,544,739, Cl. 534-619.000.
- Schwander, Hansrudolf; and Hurter, Rudolf, 4,562,249, Cl. 534-641.000.
- Seiler, Herbert; and Hegar, Gert, 4,507,236, Cl. 534-634.000.
- Seiler, Herbert, 4,545,785, Cl. 8-549.000.
- Seymour, John P.; and Gannon, John A., 4,526,940, Cl. 525-526.000.
- Singer, John J., 4,560,516, Cl. 260-465.50A.
- Slongo, Mario; and Karrer, Friedrich, 4,537,923, Cl. 524-100.000.
- Smith, Nelson; and Stutts, Joseph W., 4,558,145, Cl. 556-148.000.
- Spencer, Alwyn, 4,533,505, Cl. 260-465.00R.
- Spivack, John D.; and Pastor, Stephen D., 4,497,959, Cl. 549-253.000.
- Spivack, John D.; and Pastor, Stephen D., 4,503,243, Cl. 556-427.000.
- Spivack, John D.; and Pastor, Stephen D., 4,508,865, Cl. 524-283.000.
- Spivack, John D.; and Pastor, Stephen D., 4,521,320, Cl. 252-47.500.
- Spivack, John D.; and Pastor, Stephen D., 4,524,166, Cl. 524-117.000.
- Spivack, John D.; and Pastor, Stephen D., 4,524,167, Cl. 524-121.000.
- Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, 4,539,421, Cl. 560-105.000.
- Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, 4,540,732, Cl. 524-289.000.
- Spivack, John D.; and Pastor, Stephen D., 4,547,539, Cl. 524-112.000.
- Spivack, John D.; and Pastor, Stephen D., 4,552,926, Cl. 524-219.000.
- Spivack, John D.; and Pastor, Stephen D., 4,559,379, Cl. 524-289.000.
- Spivack, John D.; and Pastor, Stephen D., 4,560,799, Cl. 568-47.000.
- Steinberg, David H.; Seltzer, Raymond; Luzzi, John J.; and Cortolano, Frank P., 4,534,874, Cl. 252-51.50A.
- Stockinger, Friedrich; and Haug, Theobald, 4,500,691, Cl. 525-503.000.
- Stockinger, Friedrich; Lohse, Friedrich; and Moser, Roland, 4,529,821, Cl. 564-105.000.
- Stockinger, Friedrich; Lohse, Friedrich; and Zondler, Helmut, 4,550,203, Cl. 564-105.000.
- Storni, Angelo, 4,559,349, Cl. 514-318.000.
- Su, Kai C., 4,553,975, Cl. 8-507.000.
- Su, Kai C., 4,559,059, Cl. 9-507.000.
- Szczepanski, Henry, 4,497,648, Cl. 71-88.000.
- Szczepanski, Henry, 4,515,626, Cl. 71-93.000.
- Szczepanski, Henry, 4,519,834, Cl. 71-100.000.
- Szczepanski, Henry; and Berrer, Dagmar, 4,523,947, Cl. 71-93.000.
- Szczepanski, Henry, 4,532,732, Cl. 47-57.600.
- Thummel, Rudolph C.; and Fory, Werner, 4,555,262, Cl. 71-92.000.
- Tieke, Bernd, 4,562,141, Cl. 430-281.000.
- Tobler, Hans; and Hoegerle, Karl, 4,507,146, Cl. 71-92.000.
- Traxler, Peter, 4,551,450, Cl. 514-183.000.
- Troxler, Eduard; Kainmuller, Thomas; and Maul, Rudolf, 4,535,145, Cl. 528-289.000.
- Tzikas, Athanassios, 4,547,575, Cl. 546-30.000.
- Vlattas, Isidoros, 4,500,472, Cl. 260-245.500.
- Vlattas, Isidoros, 4,507,311, Cl. 260-239.0BD.
- Watthey, Jeffrey W. H., 4,515,792, Cl. 514-214.000.
- Watthey, Jeffrey W. H., 4,537,885, Cl. 514-183.000.
- Wehner, Wolfgang; and Grade, Reinhardt, 4,554,367, Cl. 556-20.000.
- Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, 4,514,415, Cl. 514-470.000.
- Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, 4,558,043, Cl. 514-210.000.
- Wetter, Hansjurg; Baumeister, Peter; Radimerski, Paul; and Martin, Pierre, 4,556,717, Cl. 548-262.000.
- Wheeler, Ian R., 4,496,481, Cl. 534-579.000.
- Wick, Arnold, 4,524,168, Cl. 524-190.000.
- Wilson, David; and Reverter, John A., 4,530,955, Cl. 524-434.000.
- Woodward, Robert E.; and Bickel, Hans, 4,550,162, Cl. 544-016.000.
- Yokoyama, Naokata, 4,524,146, Cl. 514-273.000.
- Yokoyama, Naokata, 4,560,689, Cl. 514-250.000.
- Zahir, Abdul-Cader, 4,560,739, Cl. 528-99.000.
- Zimmermann, Markus; and Kuhnis, Hans, 4,497,808, Cl. 514-222.000.
- Zingg, Hanskonrad, 4,557,217, Cl. 118-300.000.
- Zink, Rudolf, 4,525,588, Cl. 544-89.000.
- Zink, Rudolf; and Fletcher, Ian J., 4,555,569, Cl. 544-105.000.
- Zinke, Horst; and Schumacher, Rolf, 4,544,492, Cl. 252-32.70E.

Ciba-Geigy S.p.A.: *See—*
- Cantatore, Giuseppe, 4,501,837, Cl. 524-100.000.
- Cantatore, Giuseppe, 4,525,503, Cl. 524-98.000.
- Cantatore, Giuseppe; and Cassandrini, Paolo, 4,536,581, Cl. 546-242.000.
- Cantatore, Giuseppe, 4,546,148, Cl. 525-186.000.
- Cantatore, Giuseppe, 4,547,548, Cl. 525-186.000.

Cibelli, Anthony H.: *See—*
- Jacobson, Walter E.; and Cibelli, Anthony H., 4,506,557, Cl. 73-862.650.

Cibertec S.A.: *See—*
- Artinano, Antonio T.; Jimenez, Hernan N.; Thalman, Bernal C.; and Vasquez, Marco A. E., 4,539,480, Cl. 250-551.000.

Cibie, Pierre; Fratty, Hector; and Brun, Norbert, to Cibie Projecteurs. Dipped headlamp for automobiles. 4,530,042, 7-16-85, Cl. 362-309.000.

Cibie, Pierre. Rotary electric machine forming more especially a speed variator or a torque converter. 4,532,447, 7-30-85, Cl. 310-114.000.

Cibie Projecteurs: *See—*
- Baciu, Antoine; Rius, Jean M.; and Sivry, Bernard, 4,522,778, Cl. 264-328.700.
- Cibie, Pierre; Fratty, Hector; and Brun, Norbert, 4,530,042, Cl. 362-309.000.
- Deves, Patrick, 4,562,519, Cl. 362-308.000.

Cibis, Johannes, to Krones AG Hermann Kronseder Maschinenfabrik. Device for testing the rims of bottle apertures for flaws. 4,498,003, 2-5-85, Cl. 250-223.00B.

Ciboit, Jacques J., to Laguilharre S.A. Process for concentrating a cold product and for preheating a circulating fluid. 4,495,212, 1-22-85, Cl. 426-492.000.

Cibulsky, Albinas A.: *See—*
- Kilmartin, David F.; Kilmartin, David F., Jr.; and Cibulsky, Albinas A., 4,553,657, Cl. 194-4.00R.

CIC Int'l. Corp.: *See—*
- Levine, Morris M., 4,492,550, Cl. 425-142.000.
- Levine, Morris M., 4,536,914, Cl. 15-344.000.
- Levine, Morris M., 4,542,557, Cl. 15-344.000.
- Levine, Morris M., 4,548,054, Cl. 62-342.000.

Ciccarone, Angelo, to Alfa Romeo S.p.A. Device for controlling the flow pattern of the exhaust gas of a supercharged internal combustion engine. 4,529,356, 7-16-85, Cl. 415-210.000.

Cicchetti, Osvaldo: *See—*
- Fontana, Alberto; Fontanelli, Renzo; Sacrini, Egeo; and Cicchetti, Osvaldo, 4,499,273, Cl. 546-188.000.

Cicci, George B.; and Guldberg, Erik J., to Paul Revere Corporation, The. Roll opener for a mower conditioner. 4,546,599, 10-15-85, Cl. 56-16.400.

Ciccia, Lawrence P.: *See—*
- Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., 4,503,091, Cl. 427-180.000.

Ciccotelli, Anthony A.: *See—*
  Carley, Joseph L.; Potter, James S.; and Ciccotelli, Anthony A., 4,496,812, Cl. 200-159.00B.
Cichanowski, Stanley W., to General Electric Company. Capacitor with dielectric comprising poly-functional acrylate polymer and method of making. 4,499,520, 2-12-85, Cl. 361-311.000.
Cichoski, Richard: *See—*
  Kaltz, Milton C.; Alexander, Michael P.; and Cichoski, Richard, 4,516.803, Cl. 296-107.000.
Cicin-Sain, Ivo, to Matisa Materiel Industriel S.A. Train for laying a new railroad track. 4,542,697, 9-24-85, Cl. 104-2.000.
Cicognani, Mario: *See—*
  Tangorra, Giorgio; Cicognani, Mario; and Macchiarulo, Vincenzo, 4,553,952, Cl. 474-153.000.
Ciekurs, Richard, to United States of America, Army. Externally powered separate loaded ammunition cannon. 4,548,120, 10-22-85, Cl. 89-11.000.
Cielo, Paolo G.; and McMahon, Garfield W., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Stable fiber-optic hydrophone. 4,525,818, 6-25-85, Cl. 367-149.000.
Cielo, Paolo G.; and Bussiere, Jean, to Canadian Patents & Development Limited. Efficient laser generation of surface acoustic waves. 4,541,280, 9-17-85, Cl. 73-603.000.
Cielo, Paolo G.; and McMahon, Garfield W. Frequency modulated laser diode. 4,546,458, 10-8-85, Cl. 367-149.000.
Cieloszyk, Gary S.: *See—*
  Lee, Kiu H.; and Cieloszyk, Gary S., 4,521,573, Cl. 526-125.000.
Ciepierski, Casimir: *See—*
  Gardella, John M.; Ciepierski, Casimir; Alfano, Michael; and Chang, Tiang-Shing, 4,544,356, Cl. 433-122.000.
Ciesco, Richard: *See—*
  Ellenbaum, Frank H.; and Ciesco, Richard, 4,518,428, Cl. 75-257.000.
Cieslowski, Thomas C.: *See—*
  Bercier, John R.; Cieslowski, Thomas C.; Delaquila, Gary E.; Leone, James W.; and Mauersberger, Paul H., 4,553,345, Cl. 40-576.000.
Cigognini, Silvio, to Socimi, S.p.A. High performance disc brake. 4,508,200, 4-2-85, Cl. 188-264.00P.
Cihak, Richard J.: *See—*
  Feldman, Steven; and Cihak, Richard J., 4,533,203, Cl. 339-176.00M.
CII Honeywell Bull (Societe Anonyme): *See—*
  Ugon, Michel, 4,544,833, Cl. 235-379.000.
Cilco, Inc.: *See—*
  Miller, Gabriel M.; Cowen, Timothy B.; and Palin, Philip R., 4,540,405, Cl. 604-232.000.
  Parker, Donald W., 4,524,271, Cl. 250-233.000.
Ciliberti, David F.; and Lippert, Thomas E., to Westinghouse Electric Corp. Filtering system. 4,539,025, 9-3-85, Cl. 55-302.000.
Ciliberti, David F.; and Lippert, Thomas E., to Westinghouse Electric Corp. Filtering system and method of using same. 4,553,986, 11-19-85, Cl. 55-68.000.
Cilindro, Leticia D., to Turco, Loreto. Machinable wax for prototype patterns. 4,518,288, 5-21-85, Cl. 409-219.000.
Cillario, Lorenzo, to Ferrero S.p.A. Wrapping of spherical objects having small protrusions. 4,510,735, 4-16-85, Cl. 53-464.000.
Cillario, Lorenzo, to Ferrero S.p.A. Container for small objects, particularly pastilles and similar confectionery products. 4,538,731, 9-3-85, Cl. 206-540.000.
Cillero, Fernando: *See—*
  Molnar, Francois; Szabo, Suzanne; Statkov, Peter R.; Armijo, Manuel; Sunkel, Carlos; and Cillero, Fernando, 4,532,249, Cl. 514-324.000.
CIMA S.p.A.: *See—*
  Sabbioni, Cesare, 4,530,626, Cl. 409-10.000.
Cimarusti, Christopher M.: *See—*
  Sykes, Richard B.; Parker, William L.; Cimarusti, Christopher M.; Koster, William H.; and Slusarchyk, William A., 4,529,698, Cl. 435-121.000.
Cimarusti, Robert J.; and Posinger, Stanley A. Bar stock feeding tool. 4,517,722, 5-21-85, Cl. 29-234.000.
Cimenti, Giovanni: *See—*
  Legille, Edouard; Bernard, Gilbert; Cimenti, Giovanni; and Thillen, Guy, 4,526,536, Cl. 432-238.000.
Cimilluca, Charles I., to Irex Corporation. Time gain control signal generator for an ultrasonic diagnostic system. 4,512,350, 4-23-85, Cl. 128-660.000.
Cimini, Robert F.: *See—*
  Eisenberg, Morris L., 4,555,986, Cl. 99-427.000.
Cimochowski, Anthony E., to Manville Service Corporation. Insulation module mounting means. 4,493,176, 1-15-85, Cl. 52-508.000.
Cincinnati Electronics Corporation: *See—*
  Stepp, Elvin D.; and Claypoole, Gary L., 4,535,461, Cl. 375-110.000.
Cincinnati Incorporated: *See—*
  Graf, Raymond J., 4,511,976, Cl. 364-474.000.
  Lucas, Delbert E.; and Lieland, Stephen J., 4,524,582, Cl. 60-421.000.
Cincinnati Milacron Inc.: *See—*
  Ackley, Harry E., 4,555,047, Cl. 222-192.000.
  Bone, Kendall F., 4,516,044, Cl. 310-64.000.
  Borisch, Donald J.; Hanrahan, Gary V.; and Merritt, Herbert E., 4,536,849, Cl. 364-550.000.
  Gibbemeyer, Joseph F., 4,498,859, Cl. 425-534.000.
  Grone, Robert J.; Schnell, Leonard R.; and Vearil, Wayne L., 4,557,783, Cl. 156-257.000.
  Haas, Robert G.; Hasz, John R.; and Wood, David B., III, 4,491,044, Cl. 82-36.00A.
  Hallbach, Raymond L.; and Reynolds, John S., 4,546,533, Cl. 29-568.000.
  Hennekes, Daniel M.; Suica, David E.; and Beckman, Robert F., 4,500,065, Cl. 248-542.000.
  Hennekes, Daniel M.; Kolde, Richard A.; and Suica, David E., 4,512,709, Cl. 414-729.000.
  Hesford, Frank W.; Lampe, Jerome L.; and Szekely, Paul, 4,506,144, Cl. 219-497.000.
  Hillman, Joseph T.; and Miller, Michael B., 4,496,180, Cl. 294-64.00R.
  Holmes, Donald P.; and McDonald, David I., 4,520,575, Cl. 34-23.000.
  Kimmelaar, Rudolf J. A.; and Smits, Cornelis A., 4,547,997, Cl. 51-168.000.
  Magnuson, Timothy J., 4,506,335, Cl. 364-513.000.
  Nickley, Thomas A., 4,529,371, Cl. 425-186.000.
  Peterson, David A., 4,531,998, Cl. 156-574.000.
  Piotrowski, Tadeusz W., 4,512,068, Cl. 29-33.00P.
  Piotrowski, Tadeusz W., 4,529,255, Cl. 308-3.00A.
  Resnick, Brian J.; Messina, Elena R.; Bhatia, Madhukar; and Holmes, John G., 4,538,233, Cl. 364-513.000.
  Schaeffer, Andrew P., 4,516,461, Cl. 83-881.000.
  Smith, Roger D., 4,536,150, Cl. 425-526.000.
  Wisbey, Jerry D., 4,557,790, Cl. 156-511.000.
  Wood, David B., III, 4,554,842, Cl. 74-409.000.
  Wood, David B., III, 4,560,289, Cl. 384-99.000.
Cine-Tech, Inc.: *See—*
  Lerner, Richard, 4,541,698, Cl. 354-82.000.
Cini, Carlo: *See—*
  Stefani, Fabrizio; Cini, Carlo; and Diazzi, Claudio, 4,549,095, Cl. 307-254.000.
Cinzori, Robert J.; and Kern, Mark T., to Santa Barbara Research Center. Reference channel for sensing optical contamination. 4,560,874, 12-24-85, Cl. 250-339.000.
Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, to Seton Company. Surface active agent compositions containing polypeptides and lignin sulfonic acid. 4,494,994, 1-22-85, Cl. 106-308.00P.
Cioca, Gheorghe; Feeley, George F.; Brabson, Joseph B.; and Barth, Peter, to Seton Company. Moisture vapor permeable sheet materials. 4,497,862, 2-5-85, Cl. 428-220.000.
Cioca, Gheorghe, to Seton Company. Collagen-thrombin compositions. 4,515,637, 5-7-85, Cl. 424-94.000.
Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, to Seton Company. Surface active agent compositions. 4,557,855, 12-10-85, Cl. 252-355.000.
Cioci, Sergio, to Bakuer Italiana S.p.A. Distributor device for delivering coolant from the outside of a machine tool spindle. 4,557,643, 12-10-85, Cl. 409-136.000.
Ciordinik, Jacques; and Penzo, Alessandro, to CI.KA.RA. S.p.A. Intrusion warning wire-lattice, and method and device for manufacturing same. 4,558,308, 12-10-85, Cl. 340-550.000.
Ciotti, Alfredo: *See—*
  Breda, Enzo; and Ciotti, Alfredo, 4,501,491, Cl. 356-39.000.
Cipher Data Products, Inc.: *See—*
  Gray, Martin D., 4,500,965, Cl. 364-400.000.
  Precourt, Normand E., 4,541,019, Cl. 360-15.000.
Cipolla, Arthur F.: *See—*
  Gomersall, Earl R. and Cipolla, Arthur F., 4,500,880, Cl. 340-825.350.
Cipriani, Aldo: *See—*
  Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,783, Cl. 252-628.000.
  Mazzola, Massimo; and Cipriani, Aldo, 4,515,908, Cl. 521-182.000.
Ciracco Metal Fabricating Co., Inc.: *See—*
  Ganek, Jerome S.; and Ganek, Lee G., 4,493,974, Cl. 219-341.000.
Ciraud, Pierre H. Machine for spreading and smoothing surface coverings. 4,532,882, 8-6-85, Cl. 118-108.000.
Circello, Joseph C.; Howell, Thomas H.; and Edgington, Gregory C., to Honeywell Information Systems Inc. Method and apparatus for producing the residue of the product of two residues. 4,506,340, 3-19-85, Cl. 364-746.000.
Circello, Joseph C., to Honeywell Information Systems Inc. Method and apparatus for calculating the residue of a binary number. 4,538,237, 8-27-85, Cl. 364-746.000.
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  Ricard, Jean; and Excoffon, Charles, 4,495,155, Cl. 422-248.000.
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  Rosch, Hubert J., III, 4,506,687, Cl. 134-83.000.
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  - Corti, Mario; and Parmigiani, Fulvio, 4,526,465, Cl. 356-35.500.
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  - Martin, Robert J.; Cisko, Lawrence W.; and Turley, Bernard C., 4,510,033, Cl. 204-245.000.
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  - Bullock, Norman J.; Barnett, Paul F.; and Lattis, Donald J., 4,546,554, Cl. 34-48.000.
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  - Gregoli, Armand A., 4,501,445, Cl. 299-2.000.
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  - Marrocco, Matthew L., 4,498,540, Cl. 166-295.000.
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  - Fukutome, Satoru; Hatanaka, Hideo; and Saito, Motoyuki, 4,493,560, Cl. 368-88.000.
  - Hashimoto, Shingo; and Sekine, Mitsuo, 4,507,572, Cl. 307-296.00R.
  - Hatsuse, Toshikazu; and Kume, Kazunari, 4,492,479, Cl. 368-109.000.
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  - Murakami, Tomomi, 4,525,074, Cl. 368-10.000.
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  - Ogura, Takashi; Hirohara, Toshihide; Matsunaga, Masaaki; Kamiya, Kiyoshi; and Tanaka, Tetsuo, 4,561,044, Cl. 362-84.000.
  - Okunishi, Mizuho; and Yasunaga, Makoto, 4,540,295, Cl. 400-120.000.
  - Osaka, Takatoshi; Nishimura, Katsuo; and Nakagiri, Tadahiko, 4,517,953, Cl. 124-17.000.
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  - Suzuki, Fuminori, 4,508,000, Cl. 84-1.010.
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  - Tamaru, Munetaka; and Suzuki, Naomichi, 4,550,324, Cl. 346-76.0PH.
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  - Smith, Lloyd H.; and Teplitz, Raymond L., 4,493,899, Cl. 436-508.000.
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  - Gamble, Ronald C.; Tin, George W.; and Williams, Lawrence E., 4,497,791, Cl. 424-1.100.
  - Rusnak, Miro, 4,530,486, Cl. 251-129.000.
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  - Danby, Hal C.; and Ciupke, Werner W., 4,537,387, Cl. 251-331.000.
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  - Tsukamoto, Kou; and Hirate, Masatoshi, 4,535,261, Cl. 310-78.000.
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  - Ogasawara, Yoshinari, 4,494,561, Cl. 137-204.000.
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  - Woodson, Wayne D., 4,518,723, Cl. 523-466.000.
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  - Fredriksen, Nils, 4,491,034, Cl. 74-687.000.
  - Heidjann, Franz; and Dammann, Johannes, 4,526,181, Cl. 130-27.00R.
  - Heidjann, Franz, 4,528,992, Cl. 130-27.00R.
  - Hollmann, Bernd, 4,499,714, Cl. 56-341.000.
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  - Arnold, Rudolf, 4,543,774, Cl. 56-98.000.
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  - Larsson, Peter L.; and Clabburn, Robin J. T., 4,518,819, Cl. 174-78.000.
- Claber S.p.A.: *See—*
  - Roman, Gianfranco, 4,537,215, Cl. 137-355.260.

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  Clack, Robert A., 4,496,906, Cl. 324-439.000.
Clack, Reynalda: *See—*
  Sharp, Donald W., 4,526,091, Cl. 98-39.100.
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  Dahlgren, William V., Jr.; and Claire, Edward W., 4,561,814, Cl. 409-80.000.
Clairol Incorporated: *See—*
  Bogaty, Herman; Brown, Keith; Loveless, Norman P.; and Wolfram, Leszek J., 4,559,057, Cl. 8-405.000.
  DeMarco, Richard; and Ferguson, John A., 4,507,278, Cl. 424-62.000.
  De Marco, Richard; Varco, Joseph; Wolfram, Leszek J.; and Wong, Michael, 4,529,586, Cl. 424-70.000.
  Feinland, Raymond; and Iscowitz, Sigmund, 4,529,404, Cl. 8-406.000.
  Feinland, Raymond; Pohl, Stanley; and Hnatchenko, Michael, 4,532,127, Cl. 424-62.000.
  Mack, William; Morrison, Herbert; and Chiapetta, Frank, 4,498,237, Cl. 30-200.000.
  Pohl, Stanley; Hnatchenko, Michael; and Feinland, Raymond, 4,507,280, Cl. 424-70.000.
  Skovdal, Jorgen, 4,520,832, Cl. 132-33.00R.
  Walter, Henry J., 4,499,355, Cl. 219-10.49R.
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  Kilkelly, John, 4,548,327, Cl. 211-187.000.
Clamp Swing Pricing Co.: *See—*
  Garfinkle, Benjamin L., 4,526,335, Cl. 248-221.400.
Clampitt, Lawrence L.: *See—*
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Clampitt, Richard L.; and Russell, Jeffrey A., to Phillips Petroleum Company. Sulfonated asphalt. 4,514,308, 4-30-85, Cl. 252-8.50C.
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Clantex Limited: *See—*
  Houlbrook, Kenneth; and Thornton, Paul A., 4,508,245, Cl. 222-327.000.
Clapham, Edward F.: *See—*
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Clapp, Craig S. K.; Shilston, Norman L.; Jolivet, Jean-Claude R.; Devimeux, Daniel P.; and Riou, Armand, to British Telecommunications. Digital data transmission/reception having adaptive error control. 4,562,466, 12-31-85, Cl. 358-133.000.
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Clapper, David D.; and Talmadge, Thomas E. Drips-catching mats for garage floors and the like. 4,497,147, 2-5-85, Cl. 52-105.000.
Clapper, Millard F. Centrifugal extractor for rotary air filters. 4,512,088, 4-23-85, Cl. 34-58.000.
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  Coussau, Jean; and Clar, Georges, 4,494,907, Cl. 414-749.000.
Clar, Milton, to Blondes, Leonard S., a part interest. Method of reinforcing loose-leaf sheets and disposable reinforcing tab applicator therefor. 4,525,237, 6-25-85, Cl. 156-540.000.
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Clare, Hugh J.: *See—*
  Shah, Ramesh C. R.; Clare, Hugh J.; and Berry, Ronald F., 4,522,544, Cl. 414-330.000.
Clare, Kenneth; and Hopkinson, Erle, to KELCO/AIL International Limited. Printing on pretreated substrates. 4,519,803, 5-28-85, Cl. 8-445.000.
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Claren, Jan S.; Jeppsson, Jan-Bertil; and Staehr, Peter R., to Gambro Lundia AB. Pressure measuring system. 4,535,635, 8-20-85, Cl. 73-756.000.
Clarenz, Werner: *See—*
  Steinberger, Helmut; and Clarenz, Werner, 4,562,223, Cl. 524-506.000.
Clarey, Robert J.: *See—*
  Reiner, Richard A.; Siebenlist, John J.; and Clarey, Robert J., 4,532,574, Cl. 361-365.000.
Clarion Co., Ltd.: *See—*
  Asai, Ryuichi; Okamato, Takeshi; and Minagawa, Shoichi, 4,562,371, Cl. 310-313.00A.
  Chaki, Takao, 4,491,030, Cl. 74-10.330.
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- Hamada, Masanori, 4,495,653, Cl. 455-277.000.
- Hamada, Masanori; and Ono, Sadao, 4,525,869, Cl. 455-277.000.
- Hayashi, Hideki; Endo, Sadayoshi; Ito, Yukio; and Takagi, Satoshi, 4,497,001, Cl. 360-74.200.
- Hayashi, Hideki; Ito, Yukio; Akiike, Yukio; and Kinoshita, Shigeo, 4,511,103, Cl. 242-186.000.
- Hayashi, Hideki; Takagi, Satoshi; Ito, Yukio; and Endo, Sadayoshi, 4,538,753, Cl. 226-199.000.
- Imagawa, Toshiyuki; and Ohara, Kazuya, 4,527,281, Cl. 455-165.000.
- Ito, Tsukasa, 4,538,143, Cl. 340-719.000.
- Ito, Yukio; Takai, Kazuki; and Takagi, Satoshi, 4,523,241, Cl. 360-105.000.
- Itoh, Tsukasa, 4,506,443, Cl. 29-840.000.
- Itoh, Yukio; Takai, Kazuki; and Takagi, Satoshi, 4,519,269, Cl. 74-483.00R.
- Kanai, Takao; and Chaki, Takao, 4,538,473, Cl. 74-10.330.
- Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.
- Kishida, Toshio, 4,511,854, Cl. 330-279.000.
- Koyama, Reikichi; and Usugi, Kikuo, 4,562,488, Cl. 360-8.000.
- Kume, Masato, 4,533,966, Cl. 360-96.500.
- Minagawa, Shoichi; and Okamoto, Takeshi, 4,543,533, Cl. 330-5.500.
- Nara, Hirotoshi, 4,555,080, Cl. 248-27.100.
- Niimi, Morihiro, 4,517,728, Cl. 29-571.000.
- Niitsuma, Teruo; Minagawa, Shoichi; and Okamoto, Takeshi, 4,491,811, Cl. 333-151.000.
- Ohara, Seishichi, 4,557,445, Cl. 248-27.100.
- Okamoto, Kazuhiko; and Chaki, Takao, 4,561,317, Cl. 74-10.330.
- Okamoto, Takeshi; and Minagawa, Shoichi, 4,521,711, Cl. 310-313.00B.
- Okamoto, Takeshi; Minagawa, Shoichi; and Niitsuma, Teruo, 4,531,107, Cl. 333-194.000.
- Sakai, Takamasa, 4,529,994, Cl. 357-14.000.
- Sakai, Takamasa; and Minagawa, Shoichi, 4,529,995, Cl. 357-14.000.
- Sato, Kazuo, 4,526,802, Cl. 427-8.000.
- Takai, Kazuki; Hakumoto, Mitsuhiro; and Yamada, Yasuo, 4,525,756, Cl. 360-75.000.
- Takai, Kazuki, 4,539,610, Cl. 360-93.000.
- Tanaka, Yoshio; Nishikawa, Yasuhisa; Hasumi, Ryoichi; and Koizumi, Takashi, 4,532,818, Cl. 74-10.330.
- Tomizawa, Akimori; and Osaka, Hiroshi, 4,500,921, Cl. 358-174.000.
- Wada, Hideo, 4,508,048, Cl. 116-291.000.
- Yamaguchi, Katsumi; Takai, Kazuki; and Okada, Hitoshi, 4,511,940, Cl. 360-96.600.
- Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, 4,550,428, Cl. 381-86.000.

Clark, Alan D. Dental articulator. 4,537,574, 8-27-85, Cl. 433-69.000.

Clark, Albert L., to Langkau, John F., a part interest. Wire twister. 4,527,599, 7-9-85, Cl. 140-119.000.

Clark, Albert P.: *See—*

- Coder, David W.; Wisler, Benjamin B., Jr.; Clark, Albert P.; and Ratcliffe, Raymond J., 4,532,801, Cl. 73-432.00R.

Clark, Alfred L. Positioning jig for positioning copy material for offset printing. 4,525,062, 6-25-85, Cl. 355-72.000.

Clark, Allen J.; and Maue, Dale N., to MTS Systems Corporation. Load dynamics compensation circuit for servohydraulic control systems. 4,537,077, 8-27-85, Cl. 73-665.000.

Clark, Amos M.: *See—*

- Baltz, Gene F.; Clark, Amos M.; Hartke, David J.; and Jourdan, Donovan K., 4,498,434, Cl. 123-187.50R.
- Billingsley, Henry C.; and Clark, Amos M., 4,499,887, Cl. 123-575.000.

Clark, Antony P., to Cast-Tec Ltd. Permanent mold casting systems. 4,527,611, 7-9-85, Cl. 164-329.000.

Clark, Becky J., to Burroughs Corporation. Speed independent selector switch employing M-out-of-N codes. 4,518,960, 5-21-85, Cl. 340-825.020.

Clark, Benton C., III: *See—*

- Thornton, Michael G.; and Clark, Benton C., III, 4,555,331, Cl. 210-99.000.

Clark, Bernard A.; Simons, Michael J.; and Holstead, Colin, to Eastman Kodak Company. Sensitive silver halide photothermographic materials for producing dye images. 4,504,568, 3-12-85, Cl. 430-203.000.

Clark, Brian, to Schlumberger Technology Corporation. Shields for antennas of borehole logging devices. 4,536,714, 8-20-85, Cl. 324-338.000.

Clark, Brian, to Schlumberger Technology Corporation. Apparatus and method for electromagnetic logging with reduction of spurious modes. 4,538,109, 8-27-85, Cl. 324-338.000.

Clark, Brian, to Schlumberger Technology Corporation. Well logging apparatus and method using transverse magnetic mode. 4,553,097, 11-12-85, Cl. 324-338.000.

Clark, Brian K.: *See—*

- Paulson, Bernard S.; Paulson, Bruce H.; Clark, Brian K.; and Briesemeister, Richard A., 4,499,992, Cl. 198-498.000.

Clark, Bruce D., to G. W. Lisk Company, Inc. Solenoid construction and method for making the same. 4,539,542, 9-3-85, Cl. 335-261.000.

Clark, C. Frederick, Jr.: *See—*

- Lawless, William N.; and Clark, C. Frederick, Jr., 4,545,254, Cl. 73-714.000.

Clark, Charles G.; and Clark, Jack D. Variable resistance exercise apparatus. 4,540,171, 9-10-85, Cl. 272-118.000.

Clark, Charles J.; and Bennett, Edward M., to Rockwood Systems Corporation. Method for crowd and riot control. 4,541,947, 9-17-85, Cl. 252-307.000.

Clark, Charles W., to Ederer Incorporated. Hoist drive safety system. 4,493,479, 1-15-85, Cl. 254-274.000.

Clark, Charles W., Jr.: *See—*

- West, Harold H.; Johnson, Roger A.; and Clark, Charles W., Jr., 4,518,153, Cl. 254-274.000.

Clark, Donald G., to AMP Incorporated. Apparatus for assembling an electrical connector to a cable. 4,516,309, 5-14-85, Cl. 29-564.400.

Clark, Douglas C., to R. J. Reynolds Tobacco Company. Automatic accumulator for rectangular articles. 4,502,587, 3-5-85, Cl. 198-347.000.

Clark, Duncan G. D.; Kimber, Ian D.; and May, Roderick G., to EMI Limited. Communication over noisy lines. 4,517,679, 5-14-85, Cl. 375-37.000.

Clark, Earl, Jr.; and Irvin, Howard B., to Phillips Petroleum Company. Drilling fluids. 4,548,982, 10-22-85, Cl. 524-556.000.

Clark, Edward C.; and Huxtable, Douglas D., to Rocket Research Company. Chemical heat pump and chemical energy storage system. 4,532,778, 8-6-85, Cl. 62-477.000.

Clark Equipment Company: *See—*

- Bauer, James J.; and Strautins, Vilnis, 4,495,834, Cl. 74-493.000.
- Bauer, James J., 4,499,409, Cl. 318-383.000.
- Den Bleyker, Joseph R., 4,541,493, Cl. 172-824.000.
- DeYoung, Simon A.; and Naft, Manny H., 4,561,641, Cl. 267-64.130.
- Haddock, Louis A., Jr., 4,495,674, Cl. 16-302.000.
- Mather, Joseph M.; and Albright, Larry E., 4,535,868, Cl. 180-297.000.
- Roney, Thomas W.; and Adams, Maynard L., 4,537,446, Cl. 297-464.000.
- Sagaser, Thomas M.; Kuhn, Patrick; and Brock, Knute K., 4,495,770, Cl. 60-486.000.
- Sagaser, Thomas M., 4,516,439, Cl. 74-470.000.
- Shelbourn, William C.; Kuhn, Patrick; and Vig, Michael A., 4,522,373, Cl. 251-297.000.
- Siewert, Robert L.; and Varnelis, Edmund K., 4,507,005, Cl. 403-16.000.
- Trusock, George J.; Bauer, James J.; and Gandhi, Bhupen, 4,500,819, Cl. 318-106.000.
- Williamson, William H.; and Slabaugh, Roger G., 4,529,512, Cl. 210-120.000.

Clark, Frederick; and Moore, Colin, to British Aerospace Public Limited Company. Detecting machine tool set-up errors. 4,555,698, 11-26-85, Cl. 340-680.000.

Clark, Garry E. Internal combustion driven pumping system and variable torque transmission. 4,541,243, 9-17-85, Cl. 60-595.000.

Clark, Gary A.; Johnson, Frederick W.; and Queener, Carl A., to International Business Machines Corporation. Method and apparatus for adaptive collation. 4,522,486, 6-11-85, Cl. 355-14.0SH.

Clark, Gary G. Automotive friction reducing composition. 4,534,873, 8-13-85, Cl. 252-32.70E.

Clark, George W.; and Keene, Christopher B., to 434743 Ontario Inc. Rigid polyethylene carry golf bag with stand. 4,522,299, 6-11-85, Cl. 206-315.300.

Clark, Gerald L.; and Ford, Terry P., to Kimberly-Clark Corporation. Longitudinal folding of webs, folding board system therefor. 4,502,675, 3-5-85, Cl. 270-40.000.

Clark, Graeme M.: *See—*

- Patrick, James F.; Seligman, Peter; Tong, Yit C.; and Clark, Graeme M., 4,515,158, Cl. 128-419.00R.

Clark, Gregory J.; Drake, Robert E.; and Raider, Stanley I., to International Business Machines Corporation. Adjustment of Josephson junctions by ion implantation. 4,490,901, 1-1-85, Cl. 29-574.000.

Clark, Harold: *See—*

- Mason, Edgar G.; Clark, Harold; and Forsythe, James A., 4,559,902, Cl. 119-2.000.

Clark, Henry B., Jr. Set-back thermostat assembly. 4,524,908, 6-25-85, Cl. 236-46.00R.

Clark, Henry B., III; and Pike, Myron T., to Minnesota Mining and Manufacturing Company. Simulation and cleanup of oil- and/or gas-producing wells. 4,557,837, 12-10-85, Cl. 252-8.55C.

Clark, Henry S. Back-scrubber device. 4,512,054, 4-23-85, Cl. 15-222.000.

Clark, Jack D.: *See—*

- Clark, Charles G.; and Clark, Jack D., 4,540,171, Cl. 272-118.000.

Clark, Jack P.: *See—*

- Richardson, David L.; Patterson, Peter M.; Clark, Jack P.; Stanton, Scott R.; and Perry, Richard W., 4,548,785, Cl. 376-249.000.

Clark, James A.; and Gabriel, Alfred P., to Bausch & Lomb Incorporated. Actuating device for rotating shafts. 4,512,206, 4-23-85, Cl. 74-10.540.

Clark, James B.: *See—*

- Lindstrom, Merlin R.; Henshaw, Leslie J.; Mark, Harold W.; and Clark, James B., 4,495,200, Cl. 424-286.000.

- Clark, James M.; and Secrist, Duane R., to Great Lakes Carbon Corporation. Monolithic composite electrode for molten salt electrolysis. 4,491,510, 1-1-85, Cl. 204-290.00R.
- Clark, James M.; Secrist, Duane R.; Hardin, Scotty L.; and McEntyre, Stephen C., to Great Lakes Carbon Corporation. Anode retraction device for a Hall-Heroult cell equipped with inert anodes. 4,500,401, 2-19-85, Cl. 204-225.000.
- Clark, James M.: *See—*
  - Joo, Louis A.; Secrist, Duane R.; Clark, James M.; Tucker, Kenneth W.; and Shaner, Jay R., 4,529,494, Cl. 204-290.00R.
  - Secrist, Duane R.; and Clark, James M., 4,495,049, Cl. 204-292.000.
  - Secrist, Duane R.; Clark, James M.; and Landon, Thomas E., 4,541,912, Cl. 204-290.00R.
- Clark, Jim W.: *See—*
  - Doescher, George C.; and Clark, Jim W., 4,521,140, Cl. 408-97.000.
- Clark, John I., to Pitney Bowes Inc. Postage printing apparatus having a movable print head and a rotating print drum and ribbon cartridge. 4,492,157, 1-8-85, Cl. 101-71.000.
- Clark, John I., to Pitney Bowes Inc. Postage printing apparatus having a movable print head and a hollow non-rotating support shaft. 4,492,158, 1-8-85, Cl. 101-71.000.
- Clark, John I., to Pitney Bowes Inc. Postage printing apparatus having a print head with a replaceable ribbon cartridge. 4,492,159, 1-8-85, Cl. 101-71.000.
- Clark, John I.; and Eckert, Alton B., to Pitney Bowes Inc. Postage printing apparatus having a movable print head and a variable speed drum rotation. 4,492,160, 1-8-85, Cl. 101-71.000.
- Clark, John I., to Pitney Bowes Inc. Postage printing apparatus having a movable print head in a print drum. 4,493,252, 1-15-85, Cl. 101-71.000.
- Clark, John I.; and Wologodzew, Leo, to Pitney Bowes Inc. Eccentric pulley for inelastic timing belt. 4,507,104, 3-26-85, Cl. 474-112.000.
- Clark, John I.; Mengel, Loretta S.; and Benedek, George B., to Massachusetts Institute of Technology. Process for preventing or reversing cataract formation. 4,526,789, 7-2-85, Cl. 514-627.000.
- Clark, John L., Jr.: *See—*
  - Bardo, Charles J.; Seawell, Jesse Q.; Dylewski, Anthony J.; and Clark, John L., Jr., 4,543,218, Cl. 261-24.000.
- Clark, John M.: *See—*
  - Pugnale, Peter J.; Clark, John M.; and Penland, William R., 4,561,292, Cl. 73-49.200.
- Clark, John O.: *See—*
  - Legler, John G.; Bartlett, Robert L.; Haas, Charles J.; Woods, Garry W.; and Clark, John O., 4,548,246, Cl. 144-1.00C.
- Clark, John T. M. Portable shower and bath mat. 4,512,044, 4-23-85, Cl. 4-581.000.
- Clark, Joseph M.: *See—*
  - Liedtke, Ronald R.; Clark, Joseph M.; and Sage, Russell L., 4,541,334, Cl. 101-93.180.
- Clark, K. Warren: *See—*
  - Morris, William M.; Witzel, Frank; Puglia, Wayne J.; Mackay, Donald A. M.; Clark, K. Warren; and Patanasinth, Kanit J., 4,533,543, Cl. 424-38.000.
  - Puglia, Wayne J.; Kehoe, Gary S.; and Clark, K. Warren, 4,500,547, Cl. 426-3.000.
- Clark, Keith E.; and Woods, Charles E., to United States of America, Navy. Stabilized gimbal platform. 4,520,973, 6-4-85, Cl. 244-3.160.
- Clark, Keith H., to United States of America, National Aeronautics and Space Administration. Hemispherical latching apparatus. 4,508,296, 4-2-85, Cl. 244-158.00R.
- Clark, Keith H., to United States of America, National Aeronautics and Space Administration. Apparatus for adapting an end effector device remotely controlled manipulator arm. 4,545,723, 10-8-85, Cl. 414-730.000.
- Clark, Keith R.: *See—*
  - Daugirda, Paul G.; and Clark, Keith R., 4,555,837, Cl. 29-432.100.
- Clark, Keith S., to Eldex Laboratories, Inc. Solvent proportioning and mixing apparatus and system. 4,531,840, 7-30-85, Cl. 366-142.000.
- Clark, Kenneth M., to Hughes Aircraft Company. Method for optically finishing connector-mounted optical fibers. 4,492,060, 1-8-85, Cl. 51-283.00R.
- Clark, Larry G. Transaction drawer assembly. 4,517,901, 5-21-85, Cl. 109-19.000.
- Clark, Leland C., Jr.: *See—*
  - Ackerman, Jerome L.; Clark, Leland C., Jr.; and Thomas, Stephen R., 4,558,279, Cl. 324-315.000.
- Clark, Leonard R., Jr.; and Greene, Howard P., Jr. Spherical vehicle control system. 4,501,569, 2-26-85, Cl. 446-458.000.
- Clark, Lloyd D.; Wilcox, Jean K.; and Day, Gene F., to Xerox Corporation. Ion projection printer with charge compensation source. 4,521,792, 6-4-85, Cl. 346-159.000.
- Clark, Lonel L.; and Ellefson, Ronald H. Method for providing a tool for forming an article. 4,546,674, 10-15-85, Cl. 76-107.00R.
- Clark, Malcolm C.; Henshall, John B.; and Hart, Derrick A., to Ciba-Geigy Corporation. Process for the production of triaryl methane compounds. 4,533,499, 8-6-85, Cl. 260-391.000.
- Clark, Malcolm W.; and Kohn, Harold B., to Lummus Company, The. Distribution grid support structure. 4,539,183, 9-3-85, Cl. 422-143.000.
- Clark, Marion A., to Good, Don, a part interest. Automatic variable speed lever action drive. 4,533,152, 8-6-85, Cl. 280-251.000.
- Clark, Melville, Jr.; and Luce, David A., to Clark, Melville, Jr. Musical instrument. 4,503,745, 3-12-85, Cl. 84-1.100.
- Clark, Michael A. G., to Sarasota Automation Limited. Self-adjusting inductive object-presence detector. 4,491,841, 1-1-85, Cl. 340-939.000.
- Clark, Michael G., to National Research Development Corporation. Character display panels and panel devices. 4,547,773, 10-15-85, Cl. 340-765.000.
- Clark, Michael G.: *See—*
  - Glasper, John L.; Shanks, Ian A.; and Clark, Michael G., 4,527,863, Cl. 350-336.000.
- Clark Michigan Company: *See—*
  - Rose, Gene R., 4,561,247, Cl. 60-335.000.
- Clark, Norman R., to Bally Manufacturing Corporation. Bonus ball pinball game. 4,548,408, 10-22-85, Cl. 273-121.00A.
- Clark, Peter D.: *See—*
  - Hyne, James B.; and Clark, Peter D., 4,506,733, Cl. 166-303.000.
- Clark, Ralph, to Bussco Engineering, Inc. Electrically conducting panel and method of making same. 4,554,615, 11-19-85, Cl. 361-412.000.
- Clark, Ralph J., to Williams International Corporation. Oil scavening system for gas turbine engine. 4,525,995, 7-2-85, Cl. 60-39.080.
- Clark, Ray, to Applied Power Inc. Integral shock absorber and spring assembly. 4,502,673, 3-5-85, Cl. 267-64.240.
- Clark, Raymond: *See—*
  - Stephens, Robert; and Clark, Raymond, 4,513,845, Cl. 188-299.000.
- Clark, Raymond N., to RCA Corporation. Mode-controlling waveguide-to-coax transition for TV broadcast system. 4,556,853, 12-3-85, Cl. 333-26.000.
- Clark, Raymond N.: *See—*
  - Schmitz, Anthony N.; and Clark, Raymond N., 4,491,871, Cl. 358-186.000.
- Clark, Raymond W.; and Limpert, Rudolf. Big bale handling system. 4,552,501, 11-12-85, Cl. 414-486.000.
- Clark-Reliance Corp., The: *See—*
  - Goellner, Allan R., 4,507,521, Cl. 174-151.000.
- Clark, Richard E., to Continental Group, Inc., The. Method of forming bottle neck finish for accepting a snap-in closure. 4,497,758, 2-5-85, Cl. 264-23.000.
- Clark, Richard E., to Continental Packaging Company, Inc. Intermediate article of manufacture for a plastic container. 4,535,902, 8-20-85, Cl. 215-1.00C.
- Clark, Richard E.: *See—*
  - Piccioli, David P.; Harry, Ieuan L.; and Clark, Richard E., 4,539,463, Cl. 219-121.0LG.
  - Piccioli, David P.; Harry, Ieuan L.; and Clark, Richard E., 4,549,066, Cl. 219-121.0LG.
- Clark, Richard L., to American Multimedia, Inc. Method and apparatus for applying splicing tape with positive air pressure assist. 4,502,904, 3-5-85, Cl. 156-157.000.
- Clark, Richard L.: *See—*
  - Farrow, Robert I.; and Clark, Richard L., 4,551,190, Cl. 156-159.000.
- Clark, Richard W.: *See—*
  - Schurman, Richard H.; Schurman, John W.; Clark, Richard W.; and Reiter, Steven, 4,506,626, Cl. 118-665.000.
- Clark, Robert F.: *See—*
  - Evans, Edwin R.; and Clark, Robert F., 4,492,786, Cl. 524-865.000.
- Clark, Robert W., Jr. Thermally powered heating system. 4,537,036, 8-27-85, Cl. 62-116.000.
- Clark, Robert W., Jr. Thermally powered heat transfer systems utilizing sequential displacement. 4,537,037, 8-27-85, Cl. 62-116.000.
- Clark, Robin D., to Syntex (U.S.A.) Inc. Laidlomycin phenylcarbamate. 4,542,027, 9-17-85, Cl. 514-459.000.
- Clark, Robin D.: *See—*
  - Kluge, Arthur F.; and Clark, Robin D., 4,499,100, Cl. 514-321.000.
  - Kluge, Arthur F.; Clark, Robin D.; and Strosberg, Arthur M., 4,558,129, Cl. 544-377.000.
- Clark, Rodney L.: *See—*
  - Black, Robert A., Jr.; Clark, Rodney L.; Kidder, Kenneth B.; and Patton, Paul B., 4,558,389, Cl. 361-88.000.
- Clark, Roger J.: *See—*
  - Chaker, Mouhanad; Clark, Roger J.; and Hayes, James S., 4,525,507, Cl. 524-104.000.
- Clark, Ronald M. Spatula type hand tool. 4,536,910, 8-27-85, Cl. 15-104.00S.
- Clark Rubber Limited: *See—*
  - Meyers, Graham J.; Hudson, Barry L.; and Berry, Desmond J., 4,546,787, Cl. 137-119.000.
- Clark, Russell L.; and Nestell, David E., to Prince Corporation. Magnetic sensor mounting system. 4,505,054, 3-19-85, Cl. 33-357.000.
- Clark, Russell L.: *See—*
  - Suman, Michael J.; and Clark, Russell L., 4,529,157, Cl. 248-289.100.
- Clark, Stephen D.; Wood, Philip S.; and Fell, Peter J., to Rolls-Royce Limited. Filling fissures in metal articles. 4,493,451, 1-15-85, Cl. 228-119.000.
- Clark, Steven C.: *See—*
  - Nussdorfer, William R.; Brancheau, Harry A.; and Clark, Steven C., 4,550,770, Cl. 165-29.000.
- Clark, Steven G.: *See—*
  - Miller, Gregory R.; and Clark, Steven G., 4,505,128, Cl. 62-272.000.
  - Miller, Gregory R.; and Clark, Steven G., 4,545,790, Cl. 55-161.000.
- Clark, Stewart A.: *See—*
  - Carson, John C.; and Clark, Stewart A., 4,525,921, Cl. 29-577.00C.
  - Carson, John C.; and Clark, Stewart A., 4,551,629, Cl. 250-578.000.
- Clark, Thomas A., to Automation Industries, Inc. Shielded electrical connector. 4,514,024, 4-30-85, Cl. 339-40.000.
- Clark, Thomas A.: *See—*
  - Britton, Frederick G.; and Clark, Thomas A., 4,494,738, Cl. 267-140.000.

- **Clark, Thomas E.; and Burilla, Charles T., to Sperry Corporation.** Line emission penetration phosphor for multicolored displays. 4,513,025, 4-23-85, Cl. 427-68.000.
- **Clark, Thomas R.; and Griffith, Carl D., to Sperry Corporation.** Approach to hover control system for helicopters. 4,551,804, 11-5-85, Cl. 364-434.000.
- **Clark, Thomas S.; and Kennedy, William S.** Passive temperature control shipment container. 4,509,587, 4-9-85, Cl. 165-61.000.
- **Clark, Vincent M.:** *See—*
  - Chasse, Dennis W.; and Clark, Vincent M., 4,554,445, Cl. 235-472.000.
- **Clark, William E.; and Wellman, Donald C., to Carrier Corporation.** Method of operating a variable volume multizone air conditioning unit. 4,495,986, 1-29-85, Cl. 165-2.000.
- **Clark, William E., to Carrier Corporation.** Thermostatic transducer. 4,527,735, 7-9-85, Cl. 236-87.000.
- **Clark, William E.; and Wellman, Donald C., to Carrier Corporation.** Variable volume multizone unit. 4,531,573, 7-30-85, Cl. 165-16.000.
- **Clark, William E.; and Carucci, James, to Carrier Corporation.** Air terminal—air handler interface. 4,533,080, 8-6-85, Cl. 236-49.000.
- **Clark, William E.:** *See—*
  - Cavalleri, Robert J.; and Clark, William E., 4,521,167, Cl. 418-82.000.
  - Swain, Roy E.; and Clark, William E., 4,527,734, Cl. 236-49.000.
  - Wellman, Donald C.; and Clark, William E., 4,549,601, Cl. 165-2.000.
- **Clark, William G., Jr.:** *See—*
  - Junker, Warren R.; and Clark, William G., Jr., 4,528,856, Cl. 73-779.000.
- **Clark, William J.** Apparatus for the orthodontic treatment of teeth. 4,509,918, 4-9-85, Cl. 433-5.000.
- **Clark, William M., Jr.:** *See—*
  - McKenna, Charles M.; Clark, William M., Jr.; and Seliger, Robert L., 4,556,798, Cl. 250-492.200.
- **Clark, William S., to USM Corporation.** Component placement head control. 4,553,323, 11-19-85, Cl. 29-741.000.
- **Clarke, Beresford N.** Recuperator. 4,496,314, 1-29-85, Cl. 432-29.000.
- **Clarke, Beresford N.** Recuperator. 4,524,752, 6-25-85, Cl. 126-91.00A.
- **Clarke, Brian P.; Harbridge, John B.; and Stirling, Irene, to Beecham Group p.l.c.** Derivatives of clavulanic acid, a process for their preparation and their use. 4,539,202, 9-3-85, Cl. 424-114.000.
- **Clarke, Brian P.:** *See—*
  - Stirling, Irene; Bruton, Gordon; Calvert, Stephen H.; and Clarke, Brian P., 4,524,073, Cl. 514-80.000.
- **Clarke, Bruce.** Dog leash assembly. 4,530,310, 7-23-85, Cl. 119-109.000.
- **Clarke, David C.:** *See—*
  - Wolf, Peter H.; Clarke, David C.; and Hieber, Heinz H., 4,527,469, Cl. 101-93.040.
- **Clarke, David E., to Lever Brothers Company.** General-purpose cleaning composition comprising nonionic surfactant and alcohol esterified resin copolymer. 4,508,635, 4-2-85, Cl. 252-174.230.
- **Clarke, David E., to Lever Brothers Company.** Opaque general-purpose cleaning composition comprising alcohol esterified resin copolymers. 4,554,099, 11-19-85, Cl. 252-551.000.
- **Clarke, David E.; Davies, James F.; Smart, Colin; and Tune, John B., to Lever Brothers Company.** Detergents products. 4,555,354, 11-26-85, Cl. 252-90.000.
- **Clarke, David G.:** *See—*
  - Woodward, Antony I.; Clarke, David G.; and Shahaney, Sunil, 4,517,285, Cl. 430-538.000.
- **Clarke, Donald A.:** *See—*
  - Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,493,554, Cl. 356-241.000.
  - Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,506,980, Cl. 356-237.000.
- **Clarke, Donald H., to Dow Chemical Company, The.** Method for the recovery of solvent vapors. 4,519,816, 5-28-85, Cl. 55-59.000.
- **Clarke, Donald L.:** *See—*
  - Spencer, Robert E.; and Clarke, Donald L., 4,497,771, Cl. 420-440.000.
- **Clarke, Edwin E., to Converta-Vans, Inc.** Convertible cargo carrier for trailers and the like. 4,557,400, 12-10-85, Cl. 222-105.000.
- **Clarke, Herbert E.; and Lampkin, Peter R., to Blounthurst Limited.** Clip for securing hosepipes and like uses. 4,502,186, 3-5-85, Cl. 24-16.0PB.
- **Clarke, Herbert H., Jr.; and Roefman, William E.** Self-arcing tank segments. 4,492,065, 1-8-85, Cl. 52-595.000.
- **Clarke, James W.; Kimber, Geoffrey M.; Rantell, Terry D.; and Snape, Colin E., to Coal Industry (Patents) Limited.** Coal extraction. 4,521,291, 6-4-85, Cl. 208-8.0LE.
- **Clarke, John B., to Allied Colloids Limited.** Water absorbing polymers. 4,559,074, 12-17-85, Cl. 71-24.000.
- **Clarke, John B.:** *See—*
  - Baker, Steven S.; Webb, Peter J.; and Clarke, John B., 4,530,102, Cl. 373-105.000.
- **Clarke, John E.:** *See—*
  - Baker, Donn; Clarke, John E.; and Johnson, Chris G., 4,536,052, Cl. 339-126.00R.
- **Clarke, Patrick E.; and Wilcox, Gary, to University of California, The Regents of the.** Ultraviolet imaging method and apparatus. 4,539,297, 9-3-85, Cl. 436-164.000.
- **Clarke, Peter J.:** *See—*
  - Dimock, Jack A.; and Clarke, Peter J., 4,522,697, Cl. 204-298.000.
  - Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., 4,513,728, Cl. 123-527.000.
- **Clarke, Raymond, to Raychem Corporation.** Thermostatic fiber optic waveguides. 4,505,542, 3-19-85, Cl. 350-96.330.
- **Clarke, Robert T., Jr.; and Jasienski, Raymond, to Schlegel Corporation.** Segmented membrane barrier. 4,519,729, 5-28-85, Cl. 405-258.000.
- **Clarke, Roger J.:** *See—*
  - Nicol, Richard C.; Fenn, Brian A.; Clarke, Roger J.; and Ngan, King N., 4,504,860, Cl. 358-133.000.
- **Clarke, Roland N.:** *See—*
  - Hatton, John S.; Clarke, Roland N.; and Saini, Raj K., 4,561,038, Cl. 361-280.000.
- **Clarke, Ronald A. W.** Color varying reflector. 4,560,236, 12-24-85, Cl. 350-102.000.
- **Clarke, Ronald L. C.; and Savage, Donald S., to Avdel Limited.** Jaw assembly for blind riveting. 4,506,536, 3-26-85, Cl. 72-391.000.
- **Clarke, Rowland C.; and Eldridge, Graeme W., to Westinghouse Electric Corp.** Transient capless annealing process for the activation of ion implanted compound semiconductors. 4,544,417, 10-1-85, Cl. 148-1.500.
- **Clarke, Roy M.:** *See—*
  - Gilding, Denis K.; and Clarke, Roy M., 4,524,036, Cl. 264-10.000.
- **Clarke, Terence A.; Edwards, Richard B.; and Irving, Graeme N., to Lever Brothers Company.** Detergent bar. 4,517,107, 5-14-85, Cl. 252-108.000.
- **Clarks Limited:** *See—*
  - Radford, Alfred D., 4,547,978, Cl. 36-3.00B.
- **Clarks of England, Inc.:** *See—*
  - Bergmans, Charles, 4,505,055, Cl. 36-18.000.
- **Clarkson, Andrew S., to British Nuclear Fuels Limited.** Electrochemical apparatus for monitoring and/or measuring a component of a gas and a method of using said apparatus. 4,552,624, 11-12-85, Cl. 204-1.00T.
- **Clarkson, Donald J.:** *See—*
  - Bownass, Norris; and Clarkson, Donald J., 4,515,184, Cl. 137-625.660.
- **Clasicon (Proprietary) Limited:** *See—*
  - Vivier, Jacobus L., 4,515,689, Cl. 209-453.000.
- **Class, Eberhard; Schweizer, Heiner; and Frank, Gunther, to ULO-Werk Moritz Ullmann GmbH & Co. KG.** Speed governor for motor vehicles. 4,524,843, 6-25-85, Cl. 180-179.000.
- **Class, Jay B., to Hercules Incorporated.** Fiber filter and stabilizer formulation. 4,521,493, 6-4-85, Cl. 428-498.000.
- **Class, Walter H.; Hurwitt, Steven D.; and Hill, Michael L., to Materials Research Corporation.** Magnetron reactive bias sputtering method and apparatus. 4,525,262, 6-25-85, Cl. 204-192.00R.
- **Classen, Theodore M.:** *See—*
  - Scinta, James; and Classen, Theodore M., 4,521,293, Cl. 208-11.0LE.
- **Classic Corporation:** *See—*
  - Fogel, Isaac; and Keefer, Donald W., 4,506,397, Cl. 5-451.000.
  - Keefer, Donald W., 4,521,929, Cl. 5-422.000.
- **Clatterbuck, Carroll H.; and Ruitberg, Arthur P., to United States of America, National Aeronautics and Space Administration.** High voltage isolation transformer. 4,510,476, 4-9-85, Cl. 336-84.00C.
- **Clatworthy, Stuart C., to Restbury Limited.** Switch protection device. 4,496,941, 1-29-85, Cl. 340-644.000.
- **Claude, Oudet, to Portescap.** Method and device for braking an assembly comprising a two-phase synchronous motor. 4,521,723, 6-4-85, Cl. 318-696.000.
- **Claude, S.A.:** *See—*
  - Huvet, Jean-Marie, 4,502,087, Cl. 361-119.000.
  - Serrie, Gerard J. J.; and Huvet, Jean-Marie, 4,544,980, Cl. 361-45.000.
- **Claude, Timothy J.:** *See—*
  - Timm, Gerald W.; Sandford, Donald L.; and Claude, Timothy J., 4,517,967, Cl. 128-79.000.
  - Timm, Gerald W.; Sandford, Donald L.; Claude, Timothy J.; and Helms, Richard A., 4,522,198, Cl. 128-79.000.
- **Claudepierre, Christian:** *See—*
  - Ravinet, Pierre; Claudepierre, Christian; Guillou, Denis; and Micheron, Francois, 4,535,205, Cl. 179-110.00A.
- **Claudio, Fuzzi, to Eurobreva Engineering Trust.** Method and machine for the packaging of articles with a stretchable foil. 4,520,613, 6-4-85, Cl. 53-441.000.
- **Claudius Peters AG:** *See—*
  - Buchfink, Adolf, 4,506,985, Cl. 366-107.000.
  - Fischer, Alfred; Freimuth, Claus; Gerlach, Roland; and Siefert, Gerhard, 4,558,985, Cl. 415-74.000.
  - Hilgraf, Peter; and Somhegyi, Ivan, 4,529,337, Cl. 406-163.000.
  - Krauss, Werner; and Vogt, Heinrich, 4,542,991, Cl. 366-106.000.
  - Osterode, Ulrich, 4,505,292, Cl. 137-240.000.
  - Ubert, Hans-Jurgen, 4,509,917, Cl. 432-75.000.
- **Claunch, Carney P., II; Kridl, Thomas A.; and Gamarra, Jose P., to Raychem Corporation.** Heat-shrinkable article. 4,532,164, 7-30-85, Cl. 428-36.000.
- **Claunch, Carney P., II:** *See—*
  - Kridl, Thomas A.; Claunch, Carney P., II; and Bjornstrom, Ann O., 4,499,129, Cl. 428-36.000.
  - Kridl, Thomas A.; and Claunch, Carney P., II, 4,512,833, Cl. 156-94.000.
- **Claus Koenig KG:** *See—*
  - Voges, Wolfgang, 4,531,873, Cl. 412-36.000.
  - Voges, Wolfgang, 4,531,874, Cl. 412-37.000.

- Claus, Richard O.; and Turner, Tyson M., to United States of America, National Aeronautics and Space Administration. Dual differential interferometer. 4,512,661, 4-23-85, Cl. 356-351.000.
- Clause, Marvin B., Jr.; and Thompson, Callie R., to Bell & Howell Company. Overlapping document strip conveying method and apparatus. 4,542,893, 9-24-85, Cl. 270-52.500.
- Clausen, Allan H., to Continental Custom Bridge Company. Vehicle frame measurement device. 4,490,918, 1-1-85, Cl. 33-288.000.
- Clausen, Eivind; and Allsop, James D., to Allsop, Inc. Apparatus and method for cleaning a video player/recorder. 4,498,113, 2-5-85, Cl. 360-128.000.
- Clausen, Eivind, to Allsop, Inc. Apparatus and method for cleaning digital audio discs. 4,556,433, 12-3-85, Cl. 134-6.000.
- Clausen, Eivind: *See—*
  - Biasini, Lino; Biasini, Americole R.; and Clausen, Eivind, 4,501,220, Cl. 118-73.000.
- Clausen, Erik; and Clausen, Johannes, to Scan Screen A/S. Transparent rear projection screen. 4,509,822, 4-9-85, Cl. 350-128.000.
- Clausen, Erik; and Clausen, Johannes, to Scan Screen A/S. Transparent rear projection screen. 4,561,720, 12-31-85, Cl. 350-128.000.
- Clausen, Herbert J., to Gardinier, Inc. Process for partial removing of impurities from a wet process phosphoric acid. 4,493,820, 1-15-85, Cl. 423-310.000.
- Clausen, Johannes: *See—*
  - Clausen, Erik; and Clausen, Johannes, 4,509,822, Cl. 350-128.000.
  - Clausen, Erik; and Clausen, Johannes, 4,561,720, Cl. 350-128.000.
- Clausen, Peter J. M.: *See—*
  - Petersen, Jorgen H.; Clausen, Peter J. M.; and Rasmussen, Hilmar O., 4,497,625, Cl. 431-208.000.
  - Petersen, Jorgen H.; Clausen, Peter J. M.; and Rasmussen, Hilmar O., 4,515,555, Cl. 431-208.000.
- Clausen, Victor H.; and Asbury, Charles E., to H. B. Fuller Company. Reinforced paper product. 4,503,108, 3-5-85, Cl. 428-108.000.
- Clausing, Don P., to Xerox Corporation. Sheet feeding and separating apparatus with stack force relief/enhancement. 4,561,644, 12-31-85, Cl. 271-34.000.
- Clausius, Richard A., to Atlantic Richfield Company. Process for purifying graphite. 4,496,533, 1-29-85, Cl. 423-448.000.
- Clauss, Gerhard, to Michael Horauf Maschinenfabrik GmbH & Co. KG. Process for the preparation of a paper container equipped with a reinforcing ring, and a reinforcing ring for such process. 4,531,930, 7-30-85, Cl. 493-108.000.
- Clauss, Gerhard, to Michael Hoerauf Maschinenfabrik GmbH & Co. KG. Heat-sealable coated paper container and method of manufacture. 4,546,911, 10-15-85, Cl. 229-5.600.
- Claussen, Nils; and Petzow, Gunter, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Ceramic formed body with a high crack arrestability. 4,506,024, 3-19-85, Cl. 501-105.000.
- Claussen, Nils; Ruhle, Manfred; and Petzow, Gunter, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Ceramic body of zirconium dioxide (ZrO_2) and method for its preparation. 4,525,464, 6-25-85, Cl. 501-103.000.
- Claussen, Uwe, to Bayer Aktiengesellschaft. Light-collecting systems using halogenated perylene derivatives as light converters. 4,492,648, 1-8-85, Cl. 252-582.000.
- Claussen, Uwe; Merten, Josef; Rohr, Harry; and Melchior, Bernd, to Bayer Aktiengesellschaft. Method for making fluorescent light-collectors. 4,492,778, 1-8-85, Cl. 523-137.000.
- Claussen, Uwe, to Bayer Aktiengesellschaft. Liquid-crystalline material containing azo dyestuffs. 4,519,935, 5-28-85, Cl. 252-299.100.
- Claussen, Uwe; and Harnisch, Horst, to Bayer Aktiengesellschaft. Light-collecting system using coumarin derivatives as energy converters. 4,544,496, 10-1-85, Cl. 252-301.350.
- Claussen, Uwe; Hannes, Hellmut; and Weber, Hans-Leo, to Bayer Aktiengesellschaft. Birefringence-free plastics. 4,544,583, 10-1-85, Cl. 428-1.000.
- Claussen, Uwe: *See—*
  - Arndt, Frank; Claussen, Uwe; Harnisch, Horst; and Schellhammer, Carl-Wolfgang, 4,526,705, Cl. 252-301.320.
  - Sirinyan, Kirkor; Merten, Rudolf; Wolf, Gerhard D.; Giesecke, Henning; Claussen, Uwe; and Ebneth, Harold, 4,542,074, Cl. 428-450.000.
- Clavenna, Gaetano; Farina, Carlo; Pinza, Mario; and Pifferi, Giorgio, to I.S.F. Spa. Pharmaceutically active ursolic acid derivative. 4,530,934, 7-23-85, Cl. 514-548.000.
- Clavier, Christian M.; and Dumanoir, Jean L., to Schlumberger Technology Corporation. Machine method for determining the presence and location of hydrocarbon deposits within a subsurface earth formation. 4,495,604, 1-22-85, Cl. 367-25.000.
- Clavier, Christian M.; Dumanoir, Jean L.; and Dumestre, Alexis C., to Schlumberger Technology Corporation. Machine method for determining the presence and location of hydrocarbon deposits within a subsurface earth formation. 4,502,121, 2-26-85, Cl. 364-422.000.
- Clavier, Philippe A. Solar furnace. 4,508,099, 4-2-85, Cl. 126-400.000.
- Clavier, Philippe A. Solar furnace. 4,556,047, 12-3-85, Cl. 126-400.000.
- Clawges, Charles A. Golf putter. 4,522,405, 6-11-85, Cl. 273-167.00A.
- Clawson Tank Company: *See—*
  - Olinger, Dean E.; and Harding, Robert A., 4,557,406, Cl. 222-564.000.
- Clay, Ambrose W. J. Disposable sponge. 4,506,404, 3-26-85, Cl. 15-244.00C.
- Clay, Bobby J., to Natmar, Inc. Elastic band sealer apparatus and method for forming a continuous non-overlapping band. 4,519,857, 5-28-85, Cl. 156-64.000.
- Clay, Howard W. Hammer with replaceable head. 4,558,726, 12-17-85, Cl. 81-25.000.
- Clay, Sandra B.: *See—*
  - Schmidt, John C.; Campbell, Donald N.; and Clay, Sandra B., 4,525,266, Cl. 204-412.000.
- Clay, Sylvia J. Napkin holder. 4,494,718, 1-22-85, Cl. 248-1.000.
- Clay, William, to Land Pyrometers Limited. Sampling device. 4,541,292, 9-17-85, Cl. 73-864.550.
- Clayborn, Harold K.: *See—*
  - Bouwman, Dale W.; and Clayborn, Harold K., 4,551,306, Cl. 422-56.000.
- Clayfield, Eric J.; Dixon, Arnold G.; and Miller, Richard J. L., to Shell Oil Company. Process for the removal of oil from an oil-in-water dispersion. 4,524,000, 6-18-85, Cl. 210-649.000.
- Clayman, Donald A.: *See—*
  - Bortnik, John F.; Clayman, Donald A.; and Baker, Scott A., 4,491,568, Cl. 423-442.000.
- Claypool, John B.: *See—*
  - Hagler, Ernest; Roose, Charles A.; and Claypool, John B., 4,558,713, Cl. 135-106.000.
- Claypool, Mark P.: *See—*
  - Shay, Timothy W.; and Claypool, Mark P., 4,494,656, Cl. 209-524.000.
- Claypoole, Gary L.: *See—*
  - Stepp, Elvin D.; and Claypoole, Gary L., 4,535,461, Cl. 375-110.000.
- Claypro Associates: *See—*
  - Tyson, William H.; and Stuart, Frank A., 4,544,491, Cl. 210-772.000.
- Clayson, Arthur E.: *See—*
  - Bates, Jack; and Clayson, Arthur E., 4,534,265, Cl. 89-14.600.
- Clayton, Anthony B.: *See—*
  - Diveley William R.; and Clayton, Anthony B., 4,520,171, Cl. 525-279.000.
- Clayton Dewandre Co., Ltd.: *See—*
  - Thistleton, John S., 4,525,128, Cl. 417-550.000.
- Clayton Foundation for Research: *See—*
  - Mullani, Nizar A., 4,559,597, Cl. 364-414.000.
  - Shive, William, 4,499,064, Cl. 424-2.000.
- Clayton, John C.: *See—*
  - Crisp, Harold A.; and Clayton, John C., 4,562,181, Cl. 514-202.000.
- Clayton, John P., to Beecham Group Limited. Pharmaceutical compositions. 4,534,968, 8-13-85, Cl. 424-114.000.
- Clayton Manufacturing Company: *See—*
  - Jennings, William S.; and Fegraus, Clark E., 4,541,365, Cl. 122-451.00R.
- Clayton, Richard W., to RCA Corporation. Tilting apparatus for a viewfinder of a camera. 4,560,129, 12-24-85, Cl. 248-278.000.
- Clayton, Robert H., to Perkin-Elmer Corporation, The. Electron gun assembly. 4,493,097, 1-8-85, Cl. 378-137.000.
- Clayton, William J., to Mobil Oil Corporation. Adhesive channel closure for flexible bags. 4,519,095, 5-21-85, Cl. 383-86.000.
- Clayton, William J., to Mobil Oil Corporation. Fastening apparatus for twist ties. 4,539,237, 9-3-85, Cl. 428-40.000.
- Clayton, William J., to Mobil Oil Corporation. Scouring pad and method for producing same. 4,546,515, 10-15-85, Cl. 15-209.00C.
- Clayton, Wilson A.; and Galperin, Alexander, to Leeds & Northrup Company. Fast response surface contact temperature sensor. 4,492,948, 1-8-85, Cl. 338-25.000.
- Claytor, Thomas N.; and Karplus, Henry B., to United States of America, Energy. Void/particulate detector. 4,542,644, 9-24-85, Cl. 73-61.00R.
- Claywell, Carol S.: *See—*
  - Outlaw, Benjamin T.; Oude Alink, Bernardus A.; Kelley, Joe A.; and Claywell, Carol S., 4,511,480, Cl. 252-8.55E.
- Clear Lake Development Group: *See—*
  - Porter, Garry L., 4,529,583, Cl. 424-10.000.
- Clearfield, Abraham; and Jerus, Paul, to Texas A&M University System, The. Method of making sodium zirconium silico-phosphates. 4,512,905, 4-23-85, Cl. 252-62.200.
- Clearing, a division of U.S. Industries, Inc.: *See—*
  - Lerch, Orville L., 4,538,797, Cl. 269-27.000.
- Clearman, Melvin R.; and Springen, Clyde H., to Texas Instruments Incorporated. Video data acquisition system and hand-held application module for operation thereof. 4,539,703, 9-3-85, Cl. 382-28.000.
- ClearPlas Limited: *See—*
  - Connor, John, 4,530,571, Cl. 350-629.000.
- Clearwater Technologies Inc.: *See—*
  - Gruenwald, Mark J., 4,556,245, Cl. 294-31.200.
- Cleary, James D.: *See—*
  - Scebold, Robert A.; and Cleary, James D., 4,511,331, Cl. 433-17.000.
- Cleary, James M. Creation of flow barriers and ground isolation by block displacement. 4,491,369, 1-1-85, Cl. 299-19.000.
- Cleary, James W., to Phillips Petroleum Company. N-methyl pyrrolidone-2 purification. 4,501,902, 2-26-85, Cl. 548-555.000.
- Cleary, James W.; Sherk, Fred T.; and Nesheiwat, Afif M. Purification of N-methylpyrrolidone. 4,510,316, 4-9-85, Cl. 548-555.000.
- Cleary, Michael T., to UOP Inc. Process for separating fatty and rosin acids from unsaponifiables. 4,495,094, 1-22-85, Cl. 260-97.600.
- Cleary, Michael T.; and Laughlin, William C., to UOP Inc. Adsorbent and process for separating fatty acids from rosin acids. 4,495,106, 1-22-85, Cl. 260-419.000.
- Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., to UOP Inc. Process for separating oleic acid from linoleic acid. 4,511,514, 4-16-85, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., to UOP Inc. Process for separating fatty acids from unsaponifiables. 4,519,952, 5-28-85, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., to UOP Inc. Process for separating fatty acids from rosin acids. 4,522,761, 6-11-85, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., to UOP Inc. Process for separating fatty acids. 4,524,029, 6-18-85, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., to UOP Inc. Process for separating fatty acids. 4,524,030, 6-18-85, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., to UOP Inc. Process for separating oleic acid from linoleic acid. 4,529,551, 7-16-85, Cl. 260-419.000.

Cleary, Michael T., to UOP Inc. Process for separating fatty acids from unsaponifiables. 4,534,900, 8-13-85, Cl. 260-428.500.

Cleary, Michael T.; and Laughlin, William C., to UOP Inc. Adsorbent for separating fatty acids from rosin acids. 4,560,675, 12-24-85, Cl. 502-407.000.

Cleary, Michael T.: *See—*
- Chao, Tai-Hsiang; and Cleary, Michael T., 4,521,343, Cl. 260-419.000.

Cleaver, Gordon E.: *See—*
- McAloon, Kevin T.; Heeson, Iona E.; and Cleaver, Gordon E., 4,539,046, Cl. 106-121.000.

Cleaver, Laird C.: *See—*
- Baron, Walter J.; and Cleaver, Laird C., 4,552,207, Cl. 165-95.000.

Clecak, Nicholas J.; McKean, Dennis R.; Miller, Robert D.; Tompkins, Terry C.; and Willson, Carlton G., to International Business Machines Corporation. Deep ultra-violet lithographic resists with diazohomotetramic acid compounds. 4,522,911, 6-11-85, Cl. 430-192.000.

Clecim: *See—*
- Doudet, Michel, 4,522,052, Cl. 72-265.000.
- Maes, Pascal, 4,559,630, Cl. 373-93.000.
- Motte, Jean-Pierre; and Maurer, Ghislain, 4,549,301, Cl. 373-108.000.

Cledid S.A.: *See—*
- Vial, Raymond, 4,506,724, Cl. 164-436.000.

Cleereman, Kenneth J.; Raspor, O. Carl; and Burmester, Alan F., to Dow Chemical Company, The. Method of forming blanks for the solid-phase forming of thermoplastic articles. 4,510,108, 4-9-85, Cl. 264-119.000.

Cleevely, Bruce T., to C. F. Sauer Company, The. Thermoplastic container closure for dispensing solids. 4,494,679, 1-22-85, Cl. 222-151.000.

Clegg, Joe D., to Shell Oil Company. Multi-chamber gas anchor. 4,515,608, 5-7-85, Cl. 55-193.000.

Clegg, John C.; and Davis, Ariel R., to Brigham Young University. High frequency supply system for gas discharge lamps and electronic ballast therefor. 4,508,996, 4-2-85, Cl. 315-224.000.

Clegg, John E. Solar collector. 4,492,424, 1-8-85, Cl. 350-96.100.

Clegg, John E. Conical wide-field microscopic lens. 4,492,438, 1-8-85, Cl. 350-432.000.

Clegg, John E. Monochromatic beam concentrator. 4,492,439, 1-8-85, Cl. 350-432.000.

Clegg, John E. Conical middle component microscopic lenses. 4,521,085, 6-4-85, Cl. 350-432.000.

Clegg, John E. Prismatic wall heater. 4,527,546, 7-9-85, Cl. 126-440.000.

Clegg, John E. Hexagonal conical beam concentrator. 4,556,294, 12-3-85, Cl. 350-432.000.

Clegg, Lynaveta: *See—*
- Moser, William H., 4,518,303, Cl. 414-528.000.

Clegg, Michael W.: *See—*
- Hall, James R.; Harter, Donald P.; Clegg, Michael W.; and Gerber, James E., 4,516,659, Cl. 181-243.000.
- Harwood, Jon W.; Clegg, Michael W.; and Treadwell, Mark C., 4,537,027, Cl. 60-323.000.

Clegg, Warren P. Circular centrifugal pump with arcuate input and output sections. 4,526,517, 7-2-85, Cl. 417-355.000.

Cleland, Keith B. Ore separation system. 4,517,079, 5-14-85, Cl. 209-452.000.

Cleland, Keith B. Ore separator apparatus. 4,522,711, 6-11-85, Cl. 209-298.000.

Cleland, Keith B. Ore concentrator pad assembly. 4,561,973, 12-31-85, Cl. 209-434.000.

Cleland, Robert D.: *See—*
- Golembeski, Nancy M.; Jorgensen, Robert J.; Cleland, Robert D.; and Noshay, Allen, 4,503,203, Cl. 526-159.000.

Cleland, Robert K. Liquid aspirator with improved anti-syphon tube. 4,538,636, 9-3-85, Cl. 137-216.000.

Cleland, Robert K. Beverage dispenser. 4,544,084, 10-1-85, Cl. 222-56.000.

Clelford, Douglas H.: *See—*
- Murphy, Richard D.; Perez, Ricardo L.; and Clelford, Douglas H., 4,500,967, Cl. 364-434.000.

Clem, Arthur J., to Clem Environmental Corp. Waterproofing soil. 4,501,788, 2-26-85, Cl. 428-240.000.

Clem Environmental Corp.: *See—*
- Clem, Arthur J., 4,501,788, Cl. 428-240.000.

Clem, Gladys M.: *See—*
- Boeck, LaVerne D.; Clem, Gladys M.; Hershberger, Charles L.; Anderson, Marie T.; and Michel, Karl H., 4,537,715, Cl. 260-112.50R.

Clemen, Rainer; and Haug, Werner, to International Business Machines Corporation. Bootstrapped level shift interface circuit with fast rise and fall times. 4,494,018, 1-15-85, Cl. 307-482.000.

Clemence, Francois; Medici, Italo; Fournex, Robert; and Tournemine, Colette, to Roussel Uclaf. Blood oxygenating and cerebral vasoregulating 20,21-dinoreburnamenines. 4,501,740, 2-26-85, Cl. 514-283.000.

Clemence, Francois; and Brown, Neil L., to Roussel Uclaf. 4-(-1H-indol-3-yl)-α-methyl-piperdine-1-ethanol derivatives. 4,530,932, 7-23-85, Cl. 514-318.000.

Clemence, Francois: *See—*
- Allais, Andre; Clemence, Francois; Deraedt, Roger; and Lemartret, Odile, 4,518,775, Cl. 544-92.000.
- Meier, Jean; and Clemence, Francois, 4,512,997, Cl. 514-383.000.

Clemens, A. H.; and Hough, David L., to Miles Laboratories, Inc. Diagnostic method and apparatus for clamping blood glucose concentration. 4,526,568, 7-2-85, Cl. 604-4.000.

Clemens, Alexander, to Robert Bosch GmbH. Multi-cylinder fuel injection pump for internal combustion engines. 4,527,962, 7-9-85, Cl. 417-499.000.

Clemens, Donald F.: *See—*
- Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,496,465, Cl. 252-79.200.
- Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,496,466, Cl. 252-79.300.
- Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,530,735, Cl. 156-642.000.

Clemens, Gerald C., to Twin City Monorail. Stacker crane fork mounting system. 4,541,769, 9-17-85, Cl. 414-633.000.

Clemens Gerhards Holzwarenfabrik KG: *See—*
- Gerhards, Ludwig, 4,555,034, Cl. 215-100.00R.

Clemens, Robert J., to Eastman Kodak Company. Process for the preparation of dehydroacetic acid. 4,496,747, 1-29-85, Cl. 549-291.000.

Clemens, Thomas G., to General Instrument Corporation. Single-stage oscillator having low-impedance feedback port. 4,520,326, 5-28-85, Cl. 331-116.00R.

Clement, Burke. Masonry bit. 4,503,920, 3-12-85, Cl. 175-394.000.

Clement, Donald E.: *See—*
- Watters, James M.; and Clement, Donald E., 4,562,310, Cl. 179-100.00R.

Clement, Gilles; Francois, Daniel; Marchal, Paul; and Moreau, Claude, to Commissariat a l'Energie Atomique. Remote manipulation assembly. 4,523,884, 6-18-85, Cl. 414-8.000.

Clement, Leonard W. H., to Cooper Canada Limited. Size adjustable helmet. 4,539,715, 9-10-85, Cl. 2-420.000.

Clement, Maurice C., to Crepaco, Inc. Blending and emulsifying apparatus. 4,534,657, 8-13-85, Cl. 366-265.000.

Clement, Tommy G. Power operated targets for shooting ranges. 4,540,182, 9-10-85, Cl. 273-392.000.

Clemente, Anthony R., to Bolt Beranek and Newman Inc. Signalling apparatus. 4,538,139, 8-27-85, Cl. 340-539.000.

Clementi, Daniel M.: *See—*
- Loewenstern, Kenneth; Clementi, Daniel M.; and Kipp, Glenn, 4,531,416, Cl. 73-735.000.

Clements, Arthur C. Truss structure. 4,494,349, 1-22-85, Cl. 52-633.000.

Clements, Harold J., to Modern Precision Engineers and Associates Limited. Containers. 4,502,519, 3-5-85, Cl. 150-55.000.

Clements Industries, Inc.: *See—*
- Matsushita, Hidekatsu, 4,559,766, Cl. 53-586.000.

Clements, Ivan C.; and Spector, George. Striking device. 4,557,477, 12-10-85, Cl. 272-76.000.

Clements, Jack D., to Solo Cup Company. Disposable cup assembly. 4,548,348, 10-22-85, Cl. 229-1.50H.

Clements, Jack W.; and Faulkner, John R., to Westinghouse Electric Corp. Calibration of automated laser machining apparatus. 4,545,018, 10-1-85, Cl. 364-474.000.

Clements, Jack W.: *See—*
- Lanyi, William D.; and Clements, Jack W., 4,547,855, Cl. 364-474.000.
- Wolfe, Donald L.; Clements, Jack W.; and Kerrey, John S., 4,541,055, Cl. 364-474.000.

Clements-Jewery, Stephen: *See—*
- Rowlands, David A.; Gillespie, Roger J.; Ager, Ian R.; Clements-Jewery, Stephen; and Gardner, Colin R., 4,547,507, Cl. 514-291.000.

Clements, Laurie J.: *See—*
- Belly, Robert T.; and Clements, Laurie J., 4,556,636, Cl. 435-34.000.

Clements, Porter, to Katalco Corporation. Shaped catalyst particle for use in hydroprocessing of petroleum oils. 4,495,307, 1-22-85, Cl. 502-305.000.

Clements, Porter, to Katalco Corporation. Shaped catalyst particle for use in hydroprocessing of petroleum oils. 4,517,077, 5-14-85, Cl. 208-216.00R.

Clements, Reginald M.; Ridley, John D.; and Pitt, Philip L., to University of Victoria. Ignition source for internal combustion engine. 4,546,740, 10-15-85, Cl. 123-304.000.

Clements, Trevor F., to Hurley Moate Engineering Company Limited. Apparatus and method for joining webs. 4,526,638, 7-2-85, Cl. 156-159.000.

Cleminson, John H.: *See—*
- Brema, Robert J.; Adamson, Gerald J.; Poissant, Philip L.; and Cleminson, John H., 4,498,660, Cl. 256-19.000.

Clemmings, John F.: *See—*
- Huang, Victor T.; Colson, Cynthia A.; Yong, Sam; and Clemmings, John F., 4,542,035, Cl. 426-565.000.

Clemmons, Quentin T.; and Czerniewski, Paul F., to American Standard Inc. Spring-applied, air-released, slack-adjusting parking brake. 4,544,047, 10-1-85, Cl. 188-170.000.

Clemmons, Richard R.; Zimmer, Darrel E.; and Sanders, Stephen H., III, to Amerock Corporation. Remote window operating system. 4,544,866, 10-1-85, Cl. 318-54.000.

Clemson University: *See—*
  Hood, Clarence E., Jr.; Garrett, Thomas R.; and DuBose, Charles R., 4,497,265, Cl. 111-86.000.
  Park, Joon B., 4,491,987, Cl. 3-1.910.

Clerc, Jean F.; and Robert, Jacques, to Commissariat a l'Energie Atomique. Matrix display device with multiple screen electrodes. 4,509,828, 4-9-85, Cl. 350-333.000.

Clerc, Jean F., to Commissariat a l'Energie Atomique. Matrix display control process. 4,541,690, 9-17-85, Cl. 350-333.000.

Clerget, Michel; Germain, Francois; Kryze, Jiri; and Poujois, Robert, to Institut National de Recherche en Informatique et en Automatique. Device for the determination of the position of points on the surface of a body. 4,534,650, 8-13-85, Cl. 356-376.000.

Clerici, Giordano. Pleating machine for pleating cloth with mutually converging folds. 4,519,531, 5-28-85, Cl. 223-30.000.

Clerk, Ernest J. Hand-held fishing reel. 4,522,349, 6-11-85, Cl. 242-96.000.

Clermont, Michel: *See—*
  Abiven, Henri; Beheydt, Andre; Clermont, Michel; Delattre, Maurice; and Poubeau, Pierre, 4,502,349, Cl. 74-572.000.

Clermont, Michel J.: *See—*
  Symons, Edward A.; Rolston, John H.; Clermont, Michel J.; and Paterson, Linda M., 4,514,377, Cl. 423-648.00A.

Cleusix, Willy; and Nikles, Francois, to Ebauches Electroniques S.A. Electronic timepiece movement. 4,509,867, 4-9-85, Cl. 368-321.000.

Cleveland, Dixon: *See—*
  Houchens, Albert F.; Cleveland, Dixon; Decina, Basil A., Jr.; Watney, Dale K.; Havens, James R.; and Nagel, Gregory L., 4,493,965, Cl. 219-109.000.
  Houchens, Albert F.; Decina, Basil A., Jr.; Havens, James R.; Cleveland, Dixon; and Nagel, Gregory L., 4,503,311, Cl. 219-109.000.

Cleveland, Donald C., to Rockwell International Corporation. Low friction power takeoff shaft. 4,496,333, 1-29-85, Cl. 464-162.000.

Cleveland, Donald S.: *See—*
  Weber, Harold J.; Kuehnle, Manfred R.; Compton, James C.; Poulakis, John N.; Szymanski, Michael J.; Lindblom, Kenneth A.; and Cleveland, Donald S., 4,547,061, Cl. 355-10.000.

Cleveland, George D., to Mary Ellen Enterprises Inc. Hiding place for keys and similar articles. 4,531,635, 7-30-85, Cl. 206-457.000.

Cleveland, Roger C. Golf club. 4,516,778, 5-14-85, Cl. 273-80.300.

Cleveland, Ronald N.: *See—*
  Cochran, John M., Jr.; and Cleveland, Ronald N., 4,524,839, Cl. 177-45.000.

Cleveland, William C., Jr.: *See—*
  Sobczak, Isidore F.; Cleveland, William C., Jr.; and Pons, Robert L., 4,535,961, Cl. 248-183.000.

Clevenger, David M., to Michelsen Packaging Company. Atmosphere control cushioning pad. 4,528,228, 7-9-85, Cl. 428-74.000.

Clevepak Corporation: *See—*
  Mauger, David W.; Lawrie, James W.; McCarthy, John T.; and Tozzi, Michael A., 4,527,376, Cl. 53-113.000.
  Spathis, George; and Korrasik, Anita C., 4,528,217, Cl. 428-5.000.

Cleverdon, Jo Ann, to Ciba-Geigy Corporation. Crown ether complexes of direct yellow 11 and dyestuff containing same. 4,502,864, 3-5-85, Cl. 8-527.000.

Cleverley, John A.: *See—*
  Marsh, John F.; Cleverley, John A.; and Simpkin, Dennis J., 4,557,872, Cl. 260-504.00A.

Clevinger, Martin R. Dual signal magnetic pickup with even response of strings of different diameters. 4,499,809, 2-19-85, Cl. 84-1.150.

Clevite S.r.l.: *See—*
  Losio, Gastone, 4,533,261, Cl. 384-296.000.

Clextral: *See—*
  Durieux, Francois P., 4,560,324, Cl. 417-383.000.

Cliber, James A.: *See—*
  Mabie, Curtis P., Jr.; Busby, Robert L.; and Cliber, James A., 4,548,381, Cl. 249-114.00R.

Click, Gaylon T.; and Barone, Bruno J., to Denka Chemical Corporation. Steam regeneration of phosphorus treated vanadium-phosphorus-oxygen catalysts. 4,515,899, 5-7-85, Cl. 502-35.000.

Clif Mock Company: *See—*
  Parrott, Kenneth S.; Gillis, Wendell K.; and Baros, Bernard C., 4,548,509, Cl. 366-349.000.

Cliff, John O.; and Edwards, James, to Pittsburgh-Des Moines Corporation. Multi-purpose elevated water storage facilities. 4,513,547, 4-30-85, Cl. 52-194.000.

Cliffe, Nicholas R., to Fade-In Products Limited. Windscreen accessory. 4,528,232, 7-9-85, Cl. 428-195.000.

Clifford, Albert F. Apparatus for applying chemicals to textiles. 4,534,189, 8-13-85, Cl. 68-5.00D.

Clifford, Alfred: *See—*
  Otting, Billy J.; and Clifford, Alfred, 4,547,921, Cl. 8-151.000.

Clifford, David L.: *See—*
  Shulman, Joseph; and Clifford, David L., 4,545,648, Cl. 350-337.000.

Clifford, David P.; and Sewell, Robert A., to Dow Chemical Company, The. Method for making benzoylphenylureas. 4,529,819, 7-16-85, Cl. 564-44.000.

Clifford, G. Frank. Apparatus for the dyeing of shaped articles. 4,550,579, 11-5-85, Cl. 68-5.00C.

Clifford, Graham F., to Gaston County Dyeing Machine Company. Self-cleaning filtering apparatus. 4,532,036, 7-30-85, Cl. 210-167.000.

Clifford, Mona. Method for psychomotor training of physical skills. 4,508,510, 4-2-85, Cl. 434-247.000.

Clifford, Paul K. Selective gas detection and measurement system. 4,542,640, 9-24-85, Cl. 73-23.000.

Clifford, Richard P.; and Birchall, Gerrard A., to Dearborn Chemicals Limited. Biocide. 4,539,071, 9-3-85, Cl. 162-161.000.

Clifford, William S.: *See—*
  Trickey, Peter W.; Netherway, David C.; and Clifford, William S., 4,525,010, Cl. 297-216.000.

Cliffside Pipelayers: *See—*
  Thompson, Clifford F.; and Thompson, Lawrence F., 4,556,207, Cl. 269-41.000.

Cliffton, Michael D.: *See—*
  Geibel, Jon F.; Cliffton, Michael D.; and Murtha, Timothy P., 4,544,735, Cl. 528-374.000.

Clifton, Brian J.; and Alley, Gary D. Monolithic single and double sideband mixer apparatus. 4,553,265, 11-12-85, Cl. 455-325.000.

Clifton, James F.; and Carlson, Ronald F., to General Dynamics Corporation/Convair Div. Adjustable nosepiece for a drill motor. 4,538,943, 9-3-85, Cl. 408-14.000.

Clifton, John T.; and Spear, John W., to Spear, John William. Resuscitator. 4,501,271, 2-26-85, Cl. 128-205.130.

Clifton, Mary F.: *See—*
  Noren, Gerry K.; and Clifton, Mary F., 4,520,144, Cl. 523-435.000.

Clifton, Oscar N.: *See—*
  Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.

Clinch River Corporation: *See—*
  Kinder, Greever C., 4,519,902, Cl. 209-234.000.

Cline, Albert L., to Aspen Laboratories, Inc. Electrosurgical instrument. 4,545,375, 10-8-85, Cl. 128-303.140.

Cline, Harvey E., to General Electric Company. Diffraction grating wire arrays in series. 4,492,738, 1-8-85, Cl. 428-611.000.

Cline, Harvey E., to General Electric Company. Eutectic fine wire arrays. 4,492,739, 1-8-85, Cl. 428-611.000.

Cline, Harvey E., to General Electric Company. Diffraction grating wire arrays in parallel. 4,496,634, 1-29-85, Cl. 428-611.000.

Cline, Harvey E., to General Electric Company. Method for producing eutectics as thin films using a quartz lamp as a heat source in a line heater. 4,498,923, 2-12-85, Cl. 75-65.0ZM.

Cline, Harvey E., to General Electric Company. Method for producing eutectics as thin films using a line heater. 4,498,924, 2-12-85, Cl. 75-65.0ZM.

Cline, Harvey E., to General Electric Company. Method for producing eutectics as thin films using an arc lamp, as a heat source in a line heater. 4,498,925, 2-12-85, Cl. 75-65.0ZM.

Cline, Harvey E., to General Electric Company. Method for producing eutectics as thin films using a laser device as a heat source. 4,498,926, 2-12-85, Cl. 75-65.0ZM.

Cline, Harvey E., to General Electric Company. Thin film binary metallic eutectics. 4,500,609, 2-19-85, Cl. 428-610.000.

Cline, Harvey E., to General Electric Company. Semiconductor devices utilizing eutectic masks. 4,500,898, 2-19-85, Cl. 357-23.000.

Cline, Harvey E., to General Electric Company. Method for making semiconductor devices utilizing eutectic masks. 4,515,654, 5-7-85, Cl. 156-656.000.

Cline, Harvey E.; Holik, Andrew S.; and Lorensen, William E., to General Electric Company. Method and apparatus for reconstruction of three-dimensional surfaces from interference fringes. 4,525,858, 6-25-85, Cl. 382-1.000.

Cline, Harvey E., to General Electric Company. Surface acoustic wave device from eutectic deposit. 4,527,082, 7-2-85, Cl. 310-313.00B.

Cline, Harvey E.: *See—*
  Taub, Alan I.; Frischmann, Peter G.; and Cline, Harvey E., 4,562,333, Cl. 219-121.0LJ.

Cline, Jack B. Motorcycle ride-off stand. 4,541,650, 9-17-85, Cl. 280-299.000.

Cline, James H.; and Chastain, David M., to Texas Instruments Incorporated. Memory system with built in parity. 4,528,666, 7-9-85, Cl. 371-51.000.

Cline, Jay D., to Dayton-Granger, Inc. Lightning diverter strip with diamond-shaped conducting segments. 4,506,311, 3-19-85, Cl. 361-218.000.

Cline, John: *See—*
  Mugglestone, Peter; and Cline, John, 4,527,840, Cl. 308-6.00C.

Cline, John A.: *See—*
  Chang, Hsiao-Nan L.; and Cline, John A., 4,494,207, Cl. 364-494.000.

Cline, Kevin W.; and Kretschmer, Stephen L., to A. O. Smith Harvestore Products, Inc. Adjustable over-the-top agitator for a liquid manure tank. 4,512,665, 4-23-85, Cl. 366-167.000.

Cline, Martin J.: *See—*
  Salser, Winston A.; Cline, Martin J.; and Stang, Howard D., 4,497,796, Cl. 424-95.000.

Cline, Richard L.: *See—*
  Rabito, Thomas G.; Oswalt, Stephen M.; and Cline, Richard L., 4,500,606, Cl. 428-480.000.

Rabito, Thomas G.; Cline, Richard L.; Oswalt, Stephen M.; Randleman, Marvin T.; and Kimball, Michael E., 4,552,934, Cl. 525-458.000.

Clineschmidt, Bradley V., to Merck & Co., Inc. Peripherally selective dopamine antagonists in the treatment of ocular hypertension. 4,501,749, 2-26-85, Cl. 514-326.000.

Clineschmidt, Bradley V.: *See—*

Remy, David C.; and Clineschmidt, Bradley V., 4,522,821, Cl. 514-320.000.

Clinkenbeard, Ivan L.: *See—*

Lawhorn, William S.; and Clinkenbeard, Ivan L., 4,537,371, Cl. 244-3.220.

Clinton, Albert J.: *See—*

O'Doherty, George O. P.; and Clinton, Albert J., 4,526,997, Cl. 560-21.000.

Clinton, Henry H. Apparatus for testing the insulation of electric wire or cable. 4,517,510, 5-14-85, Cl. 324-52.000.

Clinton, John D.; and Reusswig, Gerhard H., to Mobil Oil Corporation. Caisson shield for arctic offshore production platform. 4,504,172, 3-12-85, Cl. 405-217.000.

Clinton, Peter, to Smiths Industries Public Limited Company. Unidirectional capacitive fluid-gauging systems. 4,525,792, 6-25-85, Cl. 364-509.000.

Clipfell, Perry E.: *See—*

Krummacher, Martin W.; Harmon, Lavon A.; and Clipfell, Perry E., 4,559,870, Cl. 100-215.000.

Clipp Control: *See—*

Batchelder, Clarence F.; Thomas, Charles E.; and Casady, Kent B., 4,557,178, Cl. 91-367.000.

Clipp, James L.; and Stephens, Charles E., to Clipp, James L. Window blind. 4,505,070, 3-19-85, Cl. 49-83.000.

Clipper, Donald; and Norfleet, James, to Colgate-Palmolive Company. Oral preparation. 4,537,778, 8-27-85, Cl. 424-53.000.

Clipper, Eddie L. Game with marble agitation. 4,512,579, 4-23-85, Cl. 273-123.00R.

Clishem, James A.; Dennis, Charles L.; and Zemanek, Joseph, Jr., to Mobil Oil Corporation. Method and system for producing a PPI display. 4,542,488, 9-17-85, Cl. 367-35.000.

Clisura, George L.: *See—*

Katz, Saul N.; Proscia, George E.; and Clisura, George L., 4,548,827, Cl. 426-427.000.

Clitherow, John W., to Glaxo Group Limited. Process for the preparation of ranitidine. 4,497,961, 2-5-85, Cl. 549-495.000.

Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, to Glaxo Group Limited. Triazoleamine derivatives having histamine H_2-antagonist properties. 4,536,508, 8-20-85, Cl. 514-383.000.

Clitherow, John W.: *See—*

Price, Barry J.; Clitherow, John W.; Bradshaw, John; Martin-Smith, Michael; Judd, Duncan B.; and Hayes, Roger, 4,524,071, Cl. 514-272.000.

Cloeren, Peter. Multimanifold extrusion die and coextrusion process. 4,533,308, 8-6-85, Cl. 425-131.100.

Cloke, Robert L., to Sperry Corporation. Composite filter/differentiator. 4,506,236, 3-19-85, Cl. 333-19.000.

Cloninger, Jerry L.: *See—*

Burke, Donald D.; and Cloninger, Jerry L., 4,533,161, Cl. 285-1.000.

Cloostermans-Huwaert, Leon R. L. G., to Lamitref Aluminium. Method for manufacturing wire. 4,549,420, 10-29-85, Cl. 72-41.000.

Clopay Corporation: *See—*

Cancio, Leopoldo V.; and Wu, Pai-Chuan, 4,546,029, Cl. 428-141.000.

Mortellite, Robert M., 4,523,620, Cl. 160-315.000.

Clorox Company, The: *See—*

Alvarez, Vincent E.; and Conkey, David L., 4,539,145, Cl. 252-542.000.

Buelow, Jack; and Darland, Michael A., 4,507,811, Cl. 4-225.000.

Choy, Clement K.; and Sudbury, Barry A., 4,561,993, Cl. 252-174.250.

Dunning, Walter B.; and Bundschuh, Robert L., 4,538,745, Cl. 222-153.000.

Hsia, Samson T.; and Ogasawara, Pam, 4,518,618, Cl. 426-262.000.

Peters, Susan M., 4,496,366, Cl. 44-14.000.

Stanislowski, Anna G.; and Wiersema, Richard J., 4,511,490, Cl. 252-174.120.

Clos, Richard J.: *See—*

Thigpen, Hubert H.; and Clos, Richard J., 4,550,213, Cl. 568-458.000.

Close, Donald H., to Hughes Aircraft Company. Method and apparatus for production of holographic optical elements. 4,530,564, 7-23-85, Cl. 350-3.690.

Close, J. Garth. Thin-profile copy holder. 4,554,753, 11-26-85, Cl. 40-341.000.

Close, Leo R., to Israel, Mrs. Lawrence. Pneumatically releasable, tamper-resistant security tag. 4,502,717, 3-5-85, Cl. 292-316.000.

Close, Rodney J.: *See—*

Mills, David; Kingston, Alan D.; and Close, Rodney J., 4,516,621, Cl. 164-339.000.

Closmann, Philip J.; Waxman, Monroe H.; and Deeds, Charles T., to Shell Oil Company. Process for separating and converting heavy oil asphaltenes in a field location. 4,514,283, 4-30-85, Cl. 208-86.000.

Closson, James M.; and Hay, Noah D., to General Electric Company. Method of making a ducted dry type transformer. 4,521,955, 6-11-85, Cl. 29-605.000.

Closson, Robert A. Sighting device for use on bows. 4,541,179, 9-17-85, Cl. 33-265.000.

Closson, Thomas A.; Oxford, David B.; Schenck, Stephen R.; and Seitchik, Jerold A., to Texas Instruments Incorporated. Magnetic bubble memory sense amplifier having a pulsed current mode of operation. 4,514,828, 4-30-85, Cl. 365-8.000.

Cloud, Wilbert L.; and Shaw, Steve, to Bell & Howell Company. Envelope tracking system for mail sorting machines. 4,503,976, 3-12-85, Cl. 209-546.000.

Clough, Donald K.: *See—*

Bennett, Brian; and Clough, Donald K., 4,557,730, Cl. 8-442.000.

Bennett, Brian; and Clough, Donald K., 4,559,058, Cl. 8-496.000.

Clough, Graham, to Nestec S.A. Method of sealing a container and removing air headspace. 4,513,015, 4-23-85, Cl. 426-396.000.

Clough, John; and Hollidge, Henry H., to Automated Optics, Inc. Apparatus for positioning a contact lens under a radiuscope. 4,496,242, 1-29-85, Cl. 356-244.000.

Clough, John M., to Imperial Chemical Industries PLC. Triazolylalkanetriol derivatives. 4,496,388, 1-29-85, Cl. 71-76.000.

Clough, John M.: *See—*

Marchington, Anthony F.; Lewis, Timothy; Clough, John M.; Worthington, Paul A.; and Dalziel, John, 4,518,415, Cl. 71-92.000.

Clough, Thomas J.: *See—*

Rowlette, John J.; Clough, Thomas J.; Josefowicz, Jack Y.; and Sibert, John W., 4,547,443, Cl. 429-217.000.

Clouse, Clarence, to General Motors Corporation. Fuel filler door with dual hinge. 4,527,825, 7-9-85, Cl. 296-1.00C.

Clouse, Robert C.; and Pews, R. Garth, to Dow Chemical Company, The. Process for the preparation of 1,1'-bi-2-naphthols. 4,496,773, 1-29-85, Cl. 568-730.000.

Clouser, Michael T.; and Coulter, Robert S., to Emhart Industries, Inc. Means controlling a flue damper. 4,550,874, 11-5-85, Cl. 236-1.00G.

Clouston, John L. System for immobilizing a plywood press platen during a press cycle. 4,499,821, 2-19-85, Cl. 100-51.000.

Clouth Gummiwerke Aktiengesellschaft: *See—*

Braitsch, Hans; Ortwein, Hermann; and Vorwald, Josef, 4,500,037, Cl. 238-2.000.

Ortwein, Hermann, 4,527,736, Cl. 238-283.000.

Clouthier, Richard S.; and Rogers, Thomas A., to Schlegel Corporation. Conductive charge/discharge device. 4,555,171, 11-26-85, Cl. 355-3.0CH.

Cloutier, Frank L.; Low, Robert N.; McClelland, Paul H.; and Nielsen, Niels J., to Hewlett-Packard Company. Ink jet orifice plate having integral separators. 4,528,577, 7-9-85, Cl. 346-140.00R.

Cloutier, Frank L.: *See—*

Buck, Roy T.; Cloutier, Frank L.; Erni, R. Ernst; Low, Robert N.; and Terry, F. Duncan, 4,500,895, Cl. 346-140.00R.

Low, Robert N.; Cloutier, Frank L.; and Siewell, Gary, 4,509,062, Cl. 346-140.00R.

Cloutier, Richard; and Vissani, Carlo. Portable liquid measuring and dispensing device. 4,509,659, 4-9-85, Cl. 222-41.000.

Clover Mfg. Co., Ltd.: *See—*

Okada, Hidekazu, 4,553,410, Cl. 66-117.000.

Cloward, Laramie J.: *See—*

Chivens, David E.; and Cloward, Laramie J., 4,501,135, Cl. 72-302.000.

Clowes, Ernest J., to Aluminum Company of America. Aluminum alloy food can body and method for making same. 4,522,049, 6-11-85, Cl. 72-46.000.

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Smyly, Harold M.; Miller, Charles D.; Cloyd, Richard A.; and Heller, Clarence, 4,554,905, Cl. 124-56.000.

Club Car, Inc.: *See—*

Ferrell, James C., 4,539,162, Cl. 261-1.000.

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Krubsack, Larry J., 4,521,758, Cl. 335-131.000.

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Clusener, Gerhard R. Multiple sensor dilatometer. 4,548,515, 10-22-85, Cl. 374-56.000.

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Clyde, Robert A.; and Whipple, Andrew. Method for treating waste fluid with bacteria. 4,530,763, 7-23-85, Cl. 210-610.000.

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Tatham, Edward J.; Kravits, Richard; Clymer, John C.; and Hoffman, Carvel D., 4,511,801, Cl. 250-394.000.

Clymer, Ronald S. Mounted spring device for resisting flexing. 4,494,662, 1-22-85, Cl. 272-134.000.

- Clymer, Roy E., to Psychologics, Inc. Method of and circuit for simulating neurons. 4,518,866, 5-21-85, Cl. 307-201.000.
- Cmapo-Garraza, Pedro: *See—*
  - Jourde, Jean-Pierre; Cmapo-Garraza, Pedro; Miettaux, Marc; and Michaux, Thierry, 4,545,352, Cl. 123-447.000.
- CMP Industries, Inc.: *See—*
  - Mann, Douglass M., 4,491,561, Cl. 420-437.000.
- Co-Exx Pipe Company, Inc.: *See—*
  - Murley, Jackie D., 4,527,970, Cl. 425-404.000.
- Coad, Brian C., to GTE Products Corporation. Method of brazing with iron-based and hard surfacing alloys. 4,516,716, 5-14-85, Cl. 228-263.150.
- Coad, Brian C., to GTE Products Corporation. Copper based brazing alloy. 4,517,157, 5-14-85, Cl. 420-490.000.
- Coad, Brian C., to GTE Products Corporation. Boron addition to alloys. 4,536,215, 8-20-85, Cl. 75-129.000.
- Coad, Edward F.; and Laird, Carol G., to General Foods Corporation. Apparatus for automatically packing articles in a bale bag. 4,541,227, 9-17-85, Cl. 53-500.000.
- Coad, George: *See—*
  - Hutchinson, Martin A.; Shaw, R. Howard; and Coad, George, 4,548,699, Cl. 204-298.000.
- Coad, George L., to Avalon Research. Cyclic dwell engine. 4,491,095, 1-1-85, Cl. 123-46.00R.
- Coal Industry (Patents) Limited: *See—*
  - Carpenter, Brian M., 4,520,740, Cl. 110-288.000.
  - Clarke, James W.; Kimber, Geoffrey M.; Rantell, Terry D.; and Snape, Colin E., 4,521,291, Cl. 208-8.0LE.
  - Eagles, Brian A., 4,501,449, Cl. 299-81.000.
  - Eagles, Brian A., 4,516,807, Cl. 299-1.000.
  - Eagles, Brian A.; and French, Albert G., 4,521,058, Cl. 299-81.000.
  - Finn, Michael J.; and Hughes, Robert D., 4,502,940, Cl. 208-8.0LE.
  - Ford, John A.; and Whittaker, Raymond A., 4,531,782, Cl. 299-1.000.
  - French, Albert G.; and Eagles, Brian A., 4,533,180, Cl. 299-1.000.
  - Johnston, Arthur M., 4,555,933, Cl. 73-28.000.
  - McCaffrey, David J. A.; and Sheppard, John P., 4,528,107, Cl. 252-61.000.
  - Meadows, Alan, 4,496,203, Cl. 339-16.00C.
  - Robinson, Joseph G.; and Riemer, Pierce W. F., 4,511,749, Cl. 585-469.000.
  - Robinson, Joseph G.; and Barnes, David I., 4,526,767, Cl. 423-329.000.
  - Sharp, John, 4,545,621, Cl. 299-12.000.
  - Urquhart, Donald B.; and Moore, Stephen A., 4,541,913, Cl. 208-8.0LE.
  - Wilson, James; and McCaffrey, David J. A., 4,562,165, Cl. 502-33.000.
- Coaltex, Inc.: *See—*
  - Justice, James C.; and Delli-Gatti, Frank A., Jr., 4,556,257, Cl. 299-68.000.
- Coard, Floyd A.: *See—*
  - Mazor, Boris B., 4,561,432, Cl. 128-92.0BA.
- Coash, Ronald J.: *See—*
  - Davis, John E.; Zielke, Terry L.; and Coash, Ronald J., 4,508,269, Cl. 239-177.200.
  - Davis, John E.; Zielke, Terry L.; and Coash, Ronald J., 4,549,694, Cl. 239-710.000.
- Coast Foundry & Manufacturing Company: *See—*
  - Stephens, James B., 4,494,562, Cl. 137-436.000.
- Coate, William C., to Lodge & Shipley Company, The. Automatic tool changer for a lathe. 4,497,410, 2-5-85, Cl. 211-1.500.
- Coated Electrodes Limited: *See—*
  - Ball, Kevin D.; and Davies, Peter, 4,517,678, Cl. 373-95.000.
- Coates Brothers PLC: *See—*
  - Wright, Alan J.; O'Hara, Kevin J.; and Turner, Stephen K., 4,558,076, Cl. 523-442.000.
- Coates, Clarence A., Jr.: *See—*
  - Hyatt, John A.; and Coates, Clarence A., Jr., 4,499,272, Cl. 546-172.000.
  - Weaver, Max A.; and Coates, Clarence A., Jr., 4,528,368, Cl. 534-768.000.
- Coates, David: *See—*
  - Crossland, William A.; Coates, David; and Ayliffe, Peter J., 4,528,562, Cl. 340-805.000.
- Coates, Fredrica V. Adjustable diaper with a backband and fastening protection means. 4,537,591, 8-27-85, Cl. 604-391.000.
- Coates, J. Randall, to Smith International, Inc. Chip relief for rock bits. 4,513,829, 4-30-85, Cl. 175-339.000.
- Coates, Jacqueline A.: *See—*
  - Connell, David L.; and Coates, Jacqueline A., 4,501,672, Cl. 252-8.50M.
- Coates, John S., to Du Pont de Nemours, E. I., and Company. Catalyst for anthraquinone hydrogen peroxide process. 4,521,531, 6-4-85, Cl. 502-242.000.
- Coates Management Pty. Ltd.: *See—*
  - Coates, Simon T. E., 4,558,847, Cl. 254-9.00C.
- Coates, Ronald: *See—*
  - O'Grady, Thomas M.; Tatterson, David F.; and Coates, Ronald, 4,536,277, Cl. 208-11.00R.
  - Tatterson, David F.; O'Grady, Thomas M.; and Coates, Ronald, 4,536,278, Cl. 208-11.00R.
- Coates, Roy M.: *See—*
  - Toma, Petre; Redford, David A.; Livesey, Declan B.; and Coates, Roy M., 4,532,994, Cl. 166-303.000.
- Coates, Simon T. E., to Coates Management Pty. Ltd. Patient lifting table. 4,558,847, 12-17-85, Cl. 254-9.00C.
- Coates, Vincent J.; Grund, J. Evan; and Westrate, Stephen B., to Nanometrics Incorporated. Linewidth measuring with linearity calibration of the T.V. camera tube. 4,521,686, 6-4-85, Cl. 250-237.00R.
- Coates, William J., to Smith Kline & French Laboratories Limited. 5-(4-nitrophenyl)-2(1H)-pyrazinones. 4,514,568, 4-30-85, Cl. 544-408.000.
- Coates, William J.; and Warrington, Brian H., to Smith Kline & French Laboratories Limited. Process for preparing 6-(2-hydroxyphenyl)-3-pyridazinone. 4,528,371, 7-9-85, Cl. 544-239.000.
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  - Korsgen, Hans H.; and Weller, Wolfgang, 4,510,305, Cl. 528-494.000.
- Coatney, Charles W.: *See—*
  - Chiu, Tony T.; Coatney, Charles W.; and Hirahara, Katsuji, 4,509,414, Cl. 99-585.000.
- Coaton, James R.; and Hussey, Douglas, to Thorn EMI plc. Discharge lamp with metal coil electrode support inserted into cermet end cap. 4,507,584, 3-26-85, Cl. 313-624.000.
- Coats & Clark, Inc.: *See—*
  - McKibben, Jerry, 4,509,399, Cl. 84-216.000.
- Coats, James M.: *See—*
  - Buglione, Arthur J.; and Coats, James M., 4,532,907, Cl. 123-490.000.
- Coats, Robert P., to Texas Instruments Incorporated. Microwave monolithic spot FET switch configuration. 4,556,808, 12-3-85, Cl. 307-571.000.
- Coats Wheel Balancer Corp.: *See—*
  - Madden, Allan C.; Cellucci, Robert; Hoshida, Robert A.; and MacKay, Duncan, 4,499,768, Cl. 73-462.000.
- Cobb, Albert R., III; and Black, Charles E., to Indak Manufacturing Corp. Slide action electrical switches. 4,543,454, 9-24-85, Cl. 200-16.00A.
- Cobb, Albert R., III: *See—*
  - Raab, Andrew F.; and Cobb, Albert R., III, 4,539,446, Cl. 200-16.00R.
  - Raab, Andrew F.; and Cobb, Albert R., III, 4,556,764, Cl. 200-16.00C.
- Cobb, Arnold J., to Celanese Corporation. Apparatus and process for filtering molten polymer. 4,512,731, 4-23-85, Cl. 425-198.000.
- Cobb, Bernie J., to United States of America, Army. Low cost antitank rocket motor structure. 4,523,524, 6-18-85, Cl. 102-374.000.
- Cobb, David A.; and Miszczak, Frank L., to Felt Products Mfg. Co. Manufactured precompressed gasket assembly with embedded wire ring and locally densified sheet members. 4,544,169, 10-1-85, Cl. 277-235.00B.
- Cobb, Harold W.: *See—*
  - Plasschaert, Paul E.; Landheer, Dolf; and Cobb, Harold W., 4,514,781, Cl. 361-230.000.
- Cobb, Jack M., to Hughes Aircraft Company. Method for fabricating corrugated microwave components. 4,492,020, 1-8-85, Cl. 29-600.000.
- Cobb, Jasper E., III, to Armco, Inc. Load recall valve. 4,554,947, 11-26-85, Cl. 137-596.180.
- Cobb, R. Lynn, to Phillips Petroleum Company. Alkylation process. 4,556,750, 12-3-85, Cl. 585-446.000.
- Cobb, Raymond L., to Phillips Petroleum Company. Process for production of 1,1-dimethyl-6-hydroxyindans. 4,510,337, 4-9-85, Cl. 568-734.000.
- Cobb, Raymond L., to Phillips Petroleum Company. Alkylation of aromatic compounds. 4,551,573, 11-5-85, Cl. 585-459.000.
- Cobb, Ronald W., to Apco Graphics, Inc. Suspended ceiling sign. 4,528,764, 7-16-85, Cl. 40-553.000.
- Cobb, William O. Tubing anchor assembly. 4,554,971, 11-26-85, Cl. 166-88.000.
- Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, to General Tire & Rubber Company, The. In-mold coating. 4,508,785, 4-2-85, Cl. 428-424.400.
- Cobbledick, David S., to GenCorp Inc. In-mold coating composition. 4,515,710, 5-7-85, Cl. 252-511.000.
- Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, to General Tire & Rubber Company, The. In-mold coating. 4,534,888, 8-13-85, Cl. 252-511.000.
- Cobbs, Walter H., Jr.; and Rehman, William R., to Nordson Corporation. Method and apparatus for dispensing liquid compositions. 4,505,406, 3-19-85, Cl. 222-135.000.
- Cobbs, Walter H., Jr.; and Rehman, William R., to Nordson Corporation. Coating by atomization of high (i.e., about 70–99% by weight) solids film-forming compositions. 4,505,957, 3-19-85, Cl. 427-422.000.
- Cobbs, Walter H., Jr.; and Rehman, William R., to Nordson Corporation. Process for coating substrates with aqueous polymer dispersions. 4,515,836, 5-7-85, Cl. 427-425.000.
- Cobbs, Walter H., Jr.; and Rehman, William R., to Nordson Corporation. Method and apparatus for dispensing liquid compositions. 4,527,712, 7-9-85, Cl. 222-1.000.
- Cobbs, Walter H., Jr., to Nordson Corporation. Method for forming adhesive bond and a liquid crystal adhesive. 4,560,594, 12-24-85, Cl. 428-1.000.
- Cobden, Kenneth J., to Cobden Turbines Pty. Ltd. Frost control. 4,501,089, 2-26-85, Cl. 47-2.000.
- Cobden Turbines Pty. Ltd.: *See—*
  - Cobden, Kenneth J., 4,501,089, Cl. 47-2.000.
- Cobe ASDT, Inc.: *See—*
  - Swersey, Burt L.; and Fried, Peter I., 4,551,882, Cl. 16-226.000.

- Cobe Laboratories, Inc.: *See—*
  - Elgas, Roger J.; and Gordon, Timothy M., 4,519,393, Cl. 128-400.000.
- Cobel, George B.: *See—*
  - Skach, Edward J., Jr.; and Cobel, George B., 4,559,084, Cl. 75-0.50B.
- Coben, Eugene S. Method for cephalometric quantitation and expression of growth. 4,528,627, 7-9-85, Cl. 364-415.000.
- Cobiski, John F. Thoracic bench. 4,559,930, 12-24-85, Cl. 128-70.000.
- Coble, Gary L. Diffuser system for annealing furnace. 4,516,758, 5-14-85, Cl. 266-263.000.
- Coble, Stephen J.: *See—*
  - Zegers de Beyl, Rene H.; and Coble, Stephen J., 4,551,133, Cl. 604-66.000.
- Coble, William H.: *See—*
  - Casstevens, Arvil; Coble, William H.; Shields, Harper; Ferrell, Roscoe M.; and Jordan, Bobby R., 4,522,042, Cl. 66-140.00S.
- Coblentz, Andrea; Lefevre, Didier; Colombani, Pascal; and Meunier, Denis, to Schlumberger Technology Corporation. Methods and apparatus for determining flow characteristics of a fluid in a well from temperature measurements. 4,520,666, 6-4-85, Cl. 73-155.000.
- Coblenz, William S., to United States of America, Navy. Method for the fabrication of hexagonal BN toughened matrix composites. 4,539,300, 9-3-85, Cl. 501-98.000.
- Cobler, Larry L. Fence protector. 4,548,388, 10-22-85, Cl. 256-32.000.
- Coburn, Brian. Ratio speed adaptor. 4,535,653, 8-20-85, Cl. 74-765.000.
- Coburn, James A. Identification band. 4,499,680, 2-19-85, Cl. 40-304.000.
- Coburn, Joseph W., Jr. Cushion mirror. 4,491,389, 1-1-85, Cl. 350-609.000.
- Coburn, Michael D.: *See—*
  - Lee, Kien-yin; and Coburn, Michael D., 4,552,598, Cl. 149-47.000.
- Coburn Optical Industries, Inc.: *See—*
  - Field, Edgar L., Jr., 4,493,168, Cl. 51-165.870.
  - Griffith, John M., 4,494,667, Cl. 220-19.000.
  - Petcen, Donald H., 4,494,344, Cl. 38-102.200.
  - Petcen, Donald H., 4,495,015, Cl. 156-80.000.
  - Petcen, Donald H.; and Sinclair, Robert I., 4,540,532, Cl. 264-1.100.
  - Petcen, Donald H., 4,543,146, Cl. 156-242.000.
  - Sherwin, Dewayne J., 4,510,717, Cl. 51-58.000.
  - Tusinski, Joseph, 4,521,994, Cl. 51-58.000.
  - Tusinski, Joseph; Hill, Phillip D.; and Griffith, John M., 4,547,242, Cl. 156-105.000.
  - Tusinski, Joseph; Barnes, Brian R.; and Mathews, Herbert H., 4,561,213, Cl. 51-105.0LG.
- Coca-Cola Company, The: *See—*
  - Bachmann, G. Merle; Davis, Charles L.; and Morgan, Annis R., Jr., 4,551,935, Cl. 40-584.000.
  - Barrash, Marshall J., 4,523,676, Cl. 206-150.000.
  - Brown, Wade R.; and Wasserstrom, Henry, 4,497,343, Cl. 137-614.060.
  - Credle, William S., Jr., 4,544,328, Cl. 417-33.000.
  - Credle, William S., Jr., 4,550,624, Cl. 74-110.000.
  - Hunter, George L. K.; Dennison, Daniel B.; and Stephens, Charles E., 4,537,637, Cl. 127-60.000.
  - Iwans, Robert C., 4,497,179, Cl. 62-59.000.
  - King, Eddie W.; and Morgan, Annis R., Jr., 4,498,570, Cl. 194-1.00N.
  - King, Eddie W.; Duke, Herman K.; and Summerville, Don S., 4,554,419, Cl. 200-5.00A.
  - Koblasz, Arthur; Hollister, James; and Alexander, Douglas, 4,559,979, Cl. 141-9.000.
  - Kramer, Thomas, 4,500,248, Cl. 414-459.000.
  - Kruger, Albert J., Jr.; and Johnson, John K., 4,508,744, Cl. 426-590.000.
  - Paisley, Gary V.; Altschuler, J. George; and Rommler, Josef, 4,499,141, Cl. 428-318.800.
  - Paisley, Gary V.; and Malaspina, Alex, 4,507,405, Cl. 521-84.100.
  - Paisley, Gary V.; and Malaspina, Alex, 4,522,856, Cl. 428-64.000.
  - Richter, Simon J., 4,522,319, Cl. 222-481.500.
  - Rodth, Joseph J.; Smith, Ira A., Jr.; and Cornett, Donald F., 4,555,045, Cl. 222-1.000.
  - Sedam, Jason K.; Mueller, Richard J.; and Holoubek, Andrew J., 4,493,441, Cl. 222-129.100.
  - Sedam, Jason K., 4,497,348, Cl. 141-2.000.
- Coca-Cola Limited: *See—*
  - Phillips, Stephen J., 4,518,639, Cl. 428-35.000.
- Cocain, Harry W.: *See—*
  - Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,511,699, Cl. 525-205.000.
  - Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,511,700, Cl. 525-283.000.
  - Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,547,550, Cl. 525-205.000.
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- Cocentall - Ateliers de Carspach: *See—*
  - Ippolito, Serge; and Cagnioncle, Georges A., 4,535,853, Cl. 175-404.000.
- Coch, Lester; and Rauch, Kurt, to Waldes Kohinoor, Inc. Method and apparatus for delivery of a powder. 4,514,093, 4-30-85, Cl. 366-138.000.
- Cochlea Corporation: *See—*
  - Buckley, Bruce S.; Buckley, Edward M.; and Reichwein, Roy H., 4,557,386, Cl. 209-556.000.
- Cochran, Chudleigh B., to Hughes Tool Company. Continuous flow perforation washing tool and method. 4,519,456, 5-28-85, Cl. 166-312.000.
- Cochran, Daniel M.; and Wyttenbach, William H. Home carbonating apparatus. 4,526,730, 7-2-85, Cl. 261-121.00R.
- Cochran, Gary L.; and Baum, Dean O., to J. I. Case Company. Quick coupler assembly. 4,545,720, 10-8-85, Cl. 414-723.000.
- Cochran, Harvey B.: *See—*
  - Smith, Maurice R.; and Cochran, Harvey B., 4,518,760, Cl. 528-48.000.
- Cochran, John M., Jr.; and Cleveland, Ronald N., to Frontier Electronics, Inc. Apparatus for monitoring tare weight in a fiber blending line. 4,524,839, 6-25-85, Cl. 177-45.000.
- Cochran, Michael J.: *See—*
  - Barnett, Howard S.; Cochran, Michael J.; and Poland, Sid, 4,562,537, Cl. 364-200.000.
- Cochran, Stanley R.; and Strahorn, Francis W., to Du Pont de Nemours, E. I., and Company. Yarn heat treatment apparatus. 4,500,278, 2-19-85, Cl. 425-445.000.
- Cochran, Stephen C.; and Terwoerds, Francis J., to Dana Corporation. System for shifting a vehicle to two or four-wheel drive. 4,559,846, 12-24-85, Cl. 74-665.0GA.
- Cochran, Stuart A.: *See—*
  - El-Hag, Nabil A.; Cochran, Stuart A.; Schwabe, Kenneth R.; Carricato, Louis; and Shanbhag, Sudhakar P., 4,551,340, Cl. 426-437.000.
- Cochran, Thomas J.: *See—*
  - Hottenrott, Hans G.; Hodge, Philo B.; and Cochran, Thomas J., 4,518,910, Cl. 324-158.00P.
- Cochran, Ulrich D. Infusion pump. 4,561,856, 12-31-85, Cl. 604-143.000.
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- Cochran, William H.; and Wu, Philip T., to International Business Machines Corporation. Semiconductor memory capable of both read/write and read-only operation. 4,525,810, 6-25-85, Cl. 365-102.000.
- Cochrane, Douglas A., Jr.; and Styer, Fred W., to Cochrane Subsea Acoustics, Inc. Subsea acoustic relocation system. 4,535,430, 8-13-85, Cl. 367-133.000.
- Cochrane, Joe Collis: *See—*
  - West, James C., 4,551,952, Cl. 51-241.00S.
- Cochrane, Michael W., to White Consolidated Industries, Inc. Control circuit for gas heated appliance. 4,506,458, 3-26-85, Cl. 34-48.000.
- Cochrane Subsea Acoustics, Inc.: *See—*
  - Cochrane, Douglas A., Jr.; and Styer, Fred W., 4,535,430, Cl. 367-133.000.
- Cocivera, Michael, to University of Guelph. Thin film cadmium selenide electrodeposited from selenosulphite solution. 4,536,260, 8-20-85, Cl. 204-37.100.
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- Cockayne, Brian: *See—*
  - Cattell, Alan F.; Cockayne, Brian; Wright, Peter J.; and Kirton, John, 4,496,610, Cl. 427-66.000.
- Cockburn, Harrold; Weatherly, Darrel; and Yarbro, Earl, to Bell Manufacturing Company. Cylinder oiler assembly. 4,509,468, 4-9-85, Cl. 123-90.380.
- Cockerill-Sambre: *See—*
  - Moore, Jean-Pierre; Winand, Rene ; Weymeersch, Alain; and Renard, Lucien, 4,559,123, Cl. 204-206.000.
- Cockfield, William; Martin, Nancy; and Murray, Barbara, to Frame-Lok, Inc. Attachment assembly. 4,557,457, 12-10-85, Cl. 248-544.000.
- Cockhill, Thomas D.; Pashley, Neil A.; Prewett, Phillip D.; and Jefferies, Derek K., to Dublier Scientific Limited. Dispenser for ion source. 4,516,052, 5-7-85, Cl. 313-546.000.
- Cockram, Geoffrey N.: *See—*
  - Towersey, Peter J.; Longton, John; and Cockram, Geoffrey N., 4,501,765, Cl. 426-656.000.
- Cockrum, Charles A.; Chia, Joan K.; and Kreider, James F., to Hughes Aircraft Company. Anodizable metallic contacts to mercury cadmium telleride. 4,524,378, 6-18-85, Cl. 357-71.000.
- Cocks, Eric H., to Spraymation, Inc. Filter for adhesive applicator. 4,524,887, 6-25-85, Cl. 222-146.500.
- Cocuzza, Anthony J.: *See—*
  - Boswell, George A., Jr.; and Cocuzza, Anthony J., 4,505,905, Cl. 514-150.000.
- Codd, Roger D.; Sims, Ronald I.; Olive, Robert B.; and Jobanputra, Amit S., to Lucas Industries Inc. Battery state of charge evaluator. 4,558,281, 12-10-85, Cl. 324-433.000.
- Codella, Michael: *See—*
  - Melillo, Anthony; and Gabriele, Louis, 4,515,361, Cl. 272-93.000.
- Coden, Michael H.: *See—*
  - Scholl, Frederick W.; and Coden, Michael H., 4,500,165, Cl. 350-96.200.
  - Scholl, Frederick W.; and Coden, Michael H., 4,561,091, Cl. 370-85.000.
- Codenoll Technology Corporation: *See—*
  - Scholl, Frederick, 4,544,938, Cl. 357-30.000.
  - Scholl, Frederick W.; and Coden, Michael H., 4,500,165, Cl. 350-96.200.
  - Scholl, Frederick W., 4,560,984, Cl. 340-825.500.
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  Bell, Steven A., 4,491,399, Cl. 352-92.000.
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Coiner, Russell E.; and Moore, Thomas W., to Virginia Panel Corporation. Spring contact holding shell having integral wire wrap post. 4,537,463, 8-27-85, Cl. 339-276.00A.
Coingt, Michel, to Produits Chimiques Ugine Kuhlmann. Cyclic process for the production of hydrogen peroxide. 4,508,696, 4-2-85, Cl. 423-588.000.
Cokefair, Jon, to Cherry Electrical Products Corporation. Gas discharge display with built-in heater. 4,520,290, 5-28-85, Cl. 313-15.000.
Coker, Charles W., to Intermatic Incorporated. Switch timer. 4,494,012, 1-15-85, Cl. 307-132.00E.
Coker, Clyde R. Anhydrous ammonia fertilizer applicator. 4,538,532, 9-3-85, Cl. 111-7.000.
Coker, Curtis D.: *See—*
  Paspek, Stephen C., Jr.; and Coker, Curtis D., 4,557,820, Cl. 208-8.0LE.
Coker, Geoffrey G.: *See—*
  Findlay, John W. A.; and Coker, Geoffrey G., 4,501,893, Cl. 546-281.000.
  Findlay, John W. A.; and Coker, Geoffrey G., 4,562,258, Cl. 546-281.000.
Coker, Melvin D.; and Wegner, John W., to Koppl Company Inc. Flange system for pipeline plugging. 4,513,788, 4-30-85, Cl. 138-89.000.
Coker, Thomas G.; and La Conti, Anthony B., to United Technologies Corporation. Electrolysis of alkali metal salts with hydrogen depolarized anodes. 4,561,945, 12-31-85, Cl. 204-98.000.
Colacci, John R., to Campbell Soup Company. High speed liquid dispenser. 4,491,159, 1-1-85, Cl. 141-134.000.
Colacello, Michael A.; Fitzke, Emil V.; and Otto, Jack F., to RCA Corporation. Method for heat sealing a gun mount in a CRT neck. 4,561,874, 12-31-85, Cl. 65-36.000.
Colamussi, Arturo. System for packaging ice-cream cones and like articles. 4,498,273, 2-12-85, Cl. 53-54.000.
Colan, Peter V.; Miller, Kenneth L.; and Tyler, Henry P., to Allied Corporation. Servo booster mechanism. 4,539,891, 9-10-85, Cl. 91-49.000.
Colantuoni, Giovanni: *See—*
  Foss, Stephen D.; and Colantuoni, Giovanni, 4,543,446, Cl. 174-11.00R.
Colardelle, Joel S. G.; Lerouge, Claude P. H.; and Loup, Nicole J. R., to International Standard Electric Corporation. Ringing circuit for telephone subset, designed as an integrated circuit. 4,496,798, 1-29-85, Cl. 179-84.00T.
Colardelle, Joel S. G., to International Standard Electric Corporation. Integrated circuit three-input binary adder cell with high-speed sum propagation. 4,547,863, 10-15-85, Cl. 364-784.000.
Colaruotolo, Joseph F.; Olsen, Ronald H.; and Vandenbergh, Peter A., to Occidental Chemical Corporation. Microbial degradation of obnoxious organic wastes into innocuous materials. 4,493,895, 1-15-85, Cl. 435-262.000.
Colaruotolo, Joseph F.; Irvine, Robert L.; Ketchum, Lloyd H., Jr.; and Ying, Wei-chi, to Occidental Chemical Corporation. Treatment of obnoxious chemical wastes. 4,511,657, 4-16-85, Cl. 435-253.000.
Colasante, David A. Prophylaxis of adhesions with low frequency sound. 4,538,596, 9-3-85, Cl. 128-32.000.
Colato, Albert E.; and Pomroy, James F., to Plastics, Inc. Adjustable shelf for microwave ovens. 4,539,455, 9-3-85, Cl. 219-10.55E.
Colatsky, Thomas J.: *See—*
  Abou-Gharbia, Magid A.; Freed, Meier E.; and Colatsky, Thomas J., 4,546,193, Cl. 548-448.000.
Colautti, Albert J.; and Borlinghaus, Hans J., to General Motors Corporation. Preloaded screw actuator. 4,509,382, 4-9-85, Cl. 74-424.80R.
Colbert, Raymond O.; and Hellman, Bengt H., to AT&T Bell Laboratories. Power supply switching arrangement. 4,492,876, 1-8-85, Cl. 307-66.000.
Colbert, Robert R.: *See—*
  Tehsildar, Tehmtan J.; and Colbert, Robert R., 4,524,496, Cl. 27-18.000.
Colbrese, Nick P., to Safe-T-Plug, Inc. Automotive/home power interconnection system. 4,507,720, 3-26-85, Cl. 363-13.000.
Colbry, Norman: *See—*
  Werbel, Leslie M.; Colbry, Norman; Turner, William; and Worth, Donald F., 4,515,793, Cl. 514-252.000.
Colburn, Michael H.: *See—*
  Marsh, Robert E.; and Colburn, Michael H., 4,502,953, Cl. 210-94.000.
Colburn, Richard P., to United States of America, Energy. Fission gas detection system. 4,537,740, 8-27-85, Cl. 376-256.000.
Colburn, Richard P., to United States of America, Energy. Fuel wash-out detection system. 4,560,529, 12-24-85, Cl. 376-251.000.
Colby, Bruce N.: *See—*
  Burns, Eugene A.; and Colby, Bruce N., 4,518,502, Cl. 210-634.000.
Colby, Donald B., to Lee L. Woodard, Inc. Foldable table suited to outdoor use as well as to interior use. 4,559,878, 12-24-85, Cl. 108-132.000.
Colby, Edward. Joint for furniture support structure. 4,540,308, 9-10-85, Cl. 403-219.000.
Colby, George V., Jr., to Avco Corporation. Passive data acquisition and analysis system for microwave. 4,502,052, 2-26-85, Cl. 343-458.000.
Colby, Lewis J., Jr., to Allied Corporation. Ferromagnetic amorphous metal carrier particles for electrophotographic toners. 4,535,047, 8-13-85, Cl. 430-108.000.
Colby, Robert E. Scraping tool. 4,490,879, 1-1-85, Cl. 15-242.000.
Colcher, David: *See—*
  Schlom, Jeffery; Colcher, David; Nuti, Marianna; Hand, Patricia H.; and Austin, Faye, 4,522,918, Cl. 435-68.000.
Colder Products Company: *See—*
  Blenkush, Brian J., 4,500,118, Cl. 285-247.000.
  Blenkush, Brian J., 4,541,457, Cl. 137-614.060.
Coldiron, Lee C.: *See—*
  Fischer, Robert L.; Pulcrano, Frank C.; Coldiron, Lee C.; Topping, Terry M.; Potter, J. H.; and Owens, Robert H., 4,557,661, Cl. 414-730.000.
Coldstream (Engineering) Limited: *See—*
  Campolini, John; and Khaan, Dennis, 4,499,562, Cl. 366-264.000.
Cole, Adrian: *See—*
  Bangay, Alan J.; Cole, Adrian; and Vernon, John S., 4,557,894, Cl. 419-67.000.
Cole, Bill W.: *See—*
  Brooks, Gary T.; and Cole, Bill W., 4,515,924, Cl. 525-432.000.
Cole, Carl A., Jr.: *See—*
  Achorn, Frank P.; and Cole, Carl A., Jr., 4,531,962, Cl. 71-29.000.
Cole, Charles; and Cole, Wayne, to Enercorp Management, Ltd. Apparatus and method for determining the air leakage characteristics of a structure. 4,517,826, 5-21-85, Cl. 73-40.000.
Cole, Charles A.: *See—*
  Pocock, John F. E.; Cole, Charles A.; Villanueva, James G.; Matlack, John D.; and Lewis, Shelton E., 4,534,995, Cl. 427-38.000.
Cole, Charles F.: *See—*
  Overton, Raymond C.; and Cole, Charles F., 4,530,372, Cl. 137-392.000.
  Overton, Raymond C.; and Cole, Charles F., 4,538,672, Cl. 165-27.000.
Cole, Clinton W.; and Beach, Verlin R., to Halliburton Company. Cover retainer. 4,520,837, 6-4-85, Cl. 137-68.00R.
Cole, Clinton W.: *See—*
  Murali, Beegamudre N.; Rosenberg, Jeffrey S.; and Cole, Clinton W., 4,527,954, Cl. 417-46.000.
Cole, Donald A.: *See—*
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Cole, Edward H., Jr., to Borg-Warner Corporation. Power transmission chain. 4,507,106, 3-26-85, Cl. 474-215.000.
Cole, Edward H., Jr.; and Ledvina, Timothy J., to Borg-Warner Corporation. Metal chain-belt. 4,512,754, 4-23-85, Cl. 474-245.000.
Cole, Edward R.: *See—*
  Minh, Thi H.; Cole, Edward R.; and Crank, George, 4,499,115, Cl. 426-546.000.
Cole, Ernest R., Jr.; Lee, Agnes Y.; and Paulson, Danton L., to United States of America, Interior. Production of lead from sulfides. 4,500,398, 2-19-85, Cl. 204-117.000.

- Cole, Eugene O.; and Yeterian, Vahan H., to United States of America, Air Force. Optical system for measuring shadowgraph data. 4,500,206, 2-19-85, Cl. 356-376.000.
- Cole, Frank J.; and Hahn, Henry N., to Republic Steel Corporation. Method and apparatus for electroplating. 4,514,266, 4-30-85, Cl. 204-28.000.
- Cole, Geoffrey V., to United Kingdom Atomic Energy Authority. Manipulator. 4,537,547, 8-27-85, Cl. 414-5.000.
- Cole, Gerald, to Creative Cellars, Inc. Bottle support. 4,496,124, 1-29-85, Cl. 248-146.000.
- Cole, Gerald F.: *See—*
  - Lee, Chie-Ying; West, James D.; and Cole, Gerald F., 4,505,697, Cl. 494-35.000.
- Cole, Graham M., to Dreamland Electrical Appliances P.L.C. Heating circuit with overheat safety control feature. 4,491,723, 1-1-85, Cl. 219-505.000.
- Cole, Harold E., to Goldberg, James R. Injection mold for a bottle closure device. 4,541,795, 9-17-85, Cl. 425-437.000.
- Cole, James B., to Boeing Company, The. Variable-camber airfoil. 4,553,722, 11-19-85, Cl. 244-219.000.
- Cole, James E.: *See—*
  - Schaberg, Richard R.; and Cole, James E., 4,545,389, Cl. 128-748.000.
- Cole, Joycene L. Cryptographic game apparatus and mode of play. 4,509,758, 4-9-85, Cl. 273-240.000.
- Cole, Leland G.: *See—*
  - Mack, Michael H.; Corley, Sterling C.; and Cole, Leland G., 4,496,443, Cl. 204-130.000.
- Cole, Leon M., to Great Lakes Chemical Corporation. Process for producing densified halogenated dimethylhydantoins. 4,532,330, 7-30-85, Cl. 548-311.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, to Beecham Group p.l.c. Antibiotics. 4,525,352, 6-25-85, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, to Beecham Group p.l.c. Antibiotics. 4,525,353, 6-25-85, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, to Beecham Group p.l.c. Antibiotic from *S. clavuligerus*. 4,526,783, 7-2-85, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, to Beecham Group p.l.c. Antibiotic from *Streptomyces clavulicerus*. 4,529,720, 7-16-85, Cl. 514-191.000.
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- Cole National Corporation: *See—*
  - Sorrells, Frank D., 4,535,575, Cl. 51-216.0LP.
- Cole-Parmer Instrument Company: *See—*
  - Dawson, John R., 4,527,323, Cl. 29-451.000.
  - Hogan, Lawrence R., 4,513,885, Cl. 222-95.000.
  - Stanley, Deryl B., 4,552,516, Cl. 417-477.000.
- Cole Polymers Limited: *See—*
  - Pearson, Leonard L.; and Litchfield, John, 4,500,568, Cl. 427-294.000.
- Cole, Raymond C., to International Playtex, Inc. Brassiere and method of making same. 4,557,267, 12-10-85, Cl. 128-464.000.
- Cole, Robert; and Stephenson, James E., to Albright & Wilson Limited. Flameproofing textiles. 4,494,951, 1-22-85, Cl. 8-195.000.
- Cole, Roderick: *See—*
  - Vosmeyer, Wilhelm; Cole, Roderick; and Slezak, Pavel J., 4,515,111, Cl. 123-41.610.
- Cole, Rodger E.; and Vander Meer, Richard H., to Goldco Engineering, Inc. Method and apparatus for forming cylindrical articles into a single line. 4,500,229, 2-19-85, Cl. 406-88.000.
- Cole Sewell Corporation: *See—*
  - Ralph, James L., 4,553,361, Cl. 52-209.000.
- Cole, Stephen J., to Yakima, Inc. Bicycle carrier. 4,524,893, 6-25-85, Cl. 224-319.000.
- Cole, Steven W., to United States of America, Energy. Method and apparatus for I-V data acquisition from solar cells. 4,528,503, 7-9-85, Cl. 324-158.00D.
- Cole, Terence G.; and West, Roderick M., to International Business Machines Corporation. Step waveform generator and CRT vertical timebase incorporating such a generator. 4,549,118, 10-22-85, Cl. 315-393.000.
- Cole, Theodore M., Jr. Security lock for double doors. 4,548,436, 10-22-85, Cl. 292-292.000.
- Cole, Trevor W. Signal processing apparatus and method. 4,519,046, 5-21-85, Cl. 364-822.000.
- Cole, Tyler L., to Stedman Corporation. Multi-layer unitized fabric construction and method of making same. 4,555,428, 11-26-85, Cl. 428-102.000.
- Cole, Wayne: *See—*
  - Cole, Charles; and Cole, Wayne, 4,517,826, Cl. 73-40.000.
- Cole, William A., to Linear Technology Inc. Peak amplitude detector. 4,506,169, 3-19-85, Cl. 307-351.000.
- Coleco Industries, Inc.: *See—*
  - Amici, Francis R.; and Piazza, Pietro, 4,561,854, Cl. 446-304.000.
  - Berger, Hans S.; Mercurio, Frank; and Reiner, Norbert L., 4,516,648, Cl. 180-6.660.
  - Bromley, Eric; and Schenck, Robert A., 4,552,360, Cl. 273-85.00G.
  - Mercurio, Frank, 4,497,500, Cl. 280-1.130.
  - Sands, Howard E., 4,555,423, Cl. 428-79.000.
- Coleman, Charles L.; and Rubin, Harvey, to AT&T Bell Laboratories. Data communication network. 4,562,436, 12-31-85, Cl. 340-825.000.
- Coleman, Clarence B., to Fabricated Metals, Inc. Container with butterfly valve. 4,491,253, 1-1-85, Cl. 222-559.000.
- Coleman, Clarence B., to Fabricated Metals, Inc. Level indicator for liquid container with a follower. 4,532,800, 8-6-85, Cl. 73-308.000.
- Coleman, Clarence B., to Fabricated Metals, Inc. Bulk material container with a rigid follower. 4,552,090, 11-12-85, Cl. 116-204.000.
- Coleman Company, Inc., The: *See—*
  - Addison, Gilbert J., 4,533,317, Cl. 431-100.000.
  - Cavestany, Adrian V.; and Zimmerman, Alan R., 4,537,117, Cl. 98-39.100.
  - Curtis, Richard D., 4,522,582, Cl. 431-123.000.
  - Curtis, Richard D.; and Conley, James R., 4,535,390, Cl. 362-179.000.
  - Knowles, Joe E.; and Winters, Mellie E., 4,522,191, Cl. 126-307.00R.
  - Lundblade, Gene D., 4,502,715, Cl. 292-78.000.
  - Steffes, William J., 4,515,421, Cl. 312-351.000.
  - Wiant, Morris N., 4,502,725, Cl. 296-181.000.
  - Zwick, David J., 4,515,394, Cl. 280-764.100.
  - Zwick, David J., 4,534,601, Cl. 312-266.000.
- Coleman, D. Jackson; Orcutt, Donald E.; and Berkowitz, Herbert. Technique and apparatus for intraocular and microsurgery including lighter-irrigator hypodermic tube. 4,551,129, 11-5-85, Cl. 604-21.000.
- Coleman, Darrel F.; and Bond, Morris M., to Dieterich Standard Corp. Pitot type flow measuring device and method of mounting. 4,559,836, 12-24-85, Cl. 73-861.660.
- Coleman, David E.: *See—*
  - White, Allan E.; Coleman, David E.; and Miller, Steven R., 4,493,651, Cl. 434-188.000.
- Coleman, Dennis L.: *See—*
  - Gregonis, Donald E.; Stephen, Robert L.; Coleman, Dennis L.; Hunter, Stephen K.; Hanover, Barry K.; and Harrow, Jeffrey J., 4,557,724, Cl. 604-49.000.
- Coleman, Donald J., Jr.; Haken, Roger A.; and Wang, Chung S., to Texas Instruments Incorporated. Method for depositing polysilicon over TiO_2. 4,521,446, 6-4-85, Cl. 427-86.000.
- Coleman, Douglas L.; and Applezweig, Norman, to Progenics, Inc.; and Jackson Laboratory, The. Treatment of diabetes and other symptoms of hypercorticoidism using a synergistic combination of etiocholanolones and estrogen. 4,507,289, 3-26-85, Cl. 514-170.000.
- Coleman, Douglas L.; Applezweig, Norman; and Leiter, Edward H., to Jackson Laboratory, The; and Progenics, Inc., part interest to each. Method for treating diabetes using DHEA compounds. 4,518,595, 5-21-85, Cl. 514-178.000.
- Coleman, Edwin B.: *See—*
  - Mongia, Hukam C.; Coleman, Edwin B.; and Bruce, Thomas W., 4,532,762, Cl. 60-39.230.
  - Mongia, Hukam C.; Coleman, Edwin B.; and Bruce, Thomas W., 4,545,196, Cl. 60-39.230.
- Coleman, Edwin T., III, to International Business Machines Corporation. Rocking switch actuator for a low force membrane contact switch. 4,528,431, 7-9-85, Cl. 200-67.00A.
- Coleman, Ernest W. Storm warning method and apparatus. 4,506,211, 3-19-85, Cl. 324-72.000.
- Coleman, Gerald E. Severing apparatus for a loom. 4,554,952, 11-26-85, Cl. 139-302.000.
- Coleman, Guy B.; Henderson, James W.; and Sacks, Jacob M., to Hughes Aircraft Company. Real-time ordinal-value filter utilizing reference-function comparison. 4,560,974, 12-24-85, Cl. 340-146.200.
- Coleman, H. Paris, to United States of America, Navy. Dual sense, circularly polarized helical antenna. 4,494,117, 1-15-85, Cl. 343-365.000.
- Coleman, Henry E., to Spring Water Brew International. Mineralized brewed beverages. 4,528,200, 7-9-85, Cl. 426-74.000.
- Coleman, James H., to Upjohn Company, The. Treatment of panic disorders with alprazolam. 4,508,726, 4-2-85, Cl. 514-220.000.
- Coleman, James H., to Upjohn Company, The. Treatment of panic disorders with adinazolam. 4,510,153, 4-9-85, Cl. 514-220.000.
- Coleman, James H., to Sprague Electric Company. Monolithic ceramic capacitor and method for manufacturing to predetermined capacity value. 4,513,350, 4-23-85, Cl. 361-321.000.
- Coleman, James J.: *See—*
  - Liu, Yet-Zen; Hong, Chi-Shain; Dapkus, P. Danial; and Coleman, James J., 4,517,674, Cl. 372-45.000.
- Coleman, James P.; Hallcher, Richard C.; Rogers, Thomas E.; and McMackins, Dudley E., to Monsanto Company. Synthesis of γ-vinyl-γ-butyrolactone from acetoxyhexenoic acids. 4,526,990, 7-2-85, Cl. 549-326.000.
- Coleman, James P.; Hallcher, Richard C.; McMackins, Dudley E.; Penquite, Charles R.; and Auvil, Steven R., to Monsanto Company. Production of lactone in molten salt electrolysis. 4,560,775, 12-24-85, Cl. 549-326.000.
- Coleman, Jeffrey L., to United States of America, Navy. Shallow depth lead weight ejection circuit. 4,493,281, 1-15-85, Cl. 114-20.00R.
- Coleman, John E.: *See—*
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- Coleman, Larry M.; and Tambo, William, to Union Carbide Corporation. Waste treatment in silicon production operations. 4,519,999, 5-28-85, Cl. 423-337.000.
- Coleman, Michael J.: *See—*
  - Anderson, James E.; Coleman, Michael J.; and Livermore, Frederick C., 4,544,983, Cl. 361-119.000.

Coleman, Thomas E.: *See—*
  Ingram, Wayne A.; Johnson, Stephen L.; and Coleman, Thomas E., 4,536,823, Cl. 361-355.000.
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Coles Cranes Limited: *See—*
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  Thomasson, William R., 4,509,376, Cl. 73-862.560.
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Coles, Otis C., III. Fluid bypass control for producing well plunger assembly. 4,531,891, 7-30-85, Cl. 417-59.000.
Coles, Robert F., to Minnesota Mining and Manufacturing Company. Isoindoline cationic dyes. 4,515,955, 5-7-85, Cl. 548-150.000.
Coles, Russell I.; Griest, Norman J.; Marando, Raoul J.; and Suleske, Aaron A., to United States of America, Navy. Ship deck lifeline. 4,547,164, 10-15-85, Cl. 441-84.000.
Colescott, Robert L.: *See—*
  Orlowski, Ronald C.; Stahl, Glenn L.; and Colescott, Robert L., 4,528,132, Cl. 260-112.50T.
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Coley, Charles R.; and Hall, J. Roger, to Plus One Ltd. Button for receiving and securing a fabric covering therefor and fabric-covered button assembly formed therewith. 4,495,678, 1-29-85, Cl. 24-113.00R.
Coley, Charles R., to Plus One Ltd. Button for receiving and securing a fabric covering therefor and fabric-covered button assembly formed therewith. 4,549,331, 10-29-85, Cl. 24-92.000.
Colford, Terence H., to Dunlop Limited. Flexible couplings. 4,543,075, 9-24-85, Cl. 464-76.000.
Colgate, Gilbert, Jr., to U.S. Banknote Corporation. Credit and identification cards having pieces of diffraction grating therein. 4,547,002, 10-15-85, Cl. 283-91.000.
Colgate-Palmolive Company: *See—*
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  Bauman, Robert A., 4,497,715, Cl. 252-8.800.
  Bonk, Joseph P., 4,535,912, Cl. 221-46.000.
  Clipper, Donald; and Norfleet, James, 4,537,778, Cl. 424-53.000.
  Curtis, John P.; Crawford, Richard J.; and Yuhasz, Kathleen M., 4,528,182, Cl. 424-54.000.
  Demangeon, Yvon; and Jacques, Alain, 4,556,509, Cl. 252-542.000.
  Dormal, Marc; and Noiret, Jacques, 4,529,525, Cl. 252-132.000.
  Eigen, Edward; Twersky, David Z.; and Brachman, Dina I., 4,518,517, Cl. 252-107.000.
  Erpicum, Emile; and Dehan, Louis, 4,505,706, Cl. 604-389.000.
  Gaffar, Abdul; Davis, Calvin B.; and Vasers, Margita L., 4,514,382, Cl. 424-54.000.
  Gaffar, Abdul; Davis, Calvin B.; Donohue, John J.; and Moy, Debbie, 4,537,765, Cl. 424-53.000.
  Gervasio, Gregorio C., 4,543,204, Cl. 252-531.000.
  Gray, Frederick W., 4,522,739, Cl. 252-95.000.
  Groult, Alain; and Samec, Jean, 4,501,681, Cl. 252-174.120.
  Harvey, Kenneth; and Connors, Stephen T., 4,526,778, Cl. 424-52.000.
  Hayes, Harry; and Harvey, Kenneth, 4,518,578, Cl. 424-7.100.
  Hayes, Harry, 4,529,585, Cl. 424-52.000.
  Hayes, Harry; and Harvey, Kenneth, 4,562,063, Cl. 424-49.000.
  Hayes, Harry; and Harvey, Kenneth, 4,562,065, Cl. 424-49.000.
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  Hendrickson, Thomas C., 4,547,237, Cl. 156-70.000.
  Joshi, David; and Klingaman, Richard, 4,549,977, Cl. 252-90.000.
  Joshi, David P., 4,493,786, Cl. 252-368.000.
  Karami, Hamzeh; Delvaux, Myriam; and Cooper, Terence, 4,496,358, Cl. 604-379.000.
  Karami, Hamzeh, 4,527,989, Cl. 604-385.00A.
  Klisch, Stephen C.; Lai, Kuo-Yann; and Robbins, Clarence R., 4,554,098, Cl. 252-547.000.
  Magnasco, Enrico; and Viale, Giorgio, 4,524,801, Cl. 137-567.000.
  Marschner, Frank W.; Kenkare, Divaker B.; and Bowers, James H., 4,526,780, Cl. 424-66.000.
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  Misevich, Kenneth W.; Cross, Henry D., III; Dube, Roland E.; and McGregor, Rob R., 4,542,598, Cl. 36-114.000.
  Misevich, Kenneth W.; and Wilson, John L. A., 4,557,059, Cl. 36-32.00R.
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  Morton, Anthony J.; Harvey, Kenneth; and Hayes, Harry, 4,528,181, Cl. 424-52.000.
  Mulvey, Patricia S.; Hayes, Harry; and Crawford, Richard J., 4,529,584, Cl. 424-52.000.
  Parr, Richard S.; Ramachandran, Pallassana N.; Grey, Seymour; and Reinish, Martin D., 4,526,702, Cl. 252-174.250.
  Ramachandran, Pallassanna; and Grand, Paul S., 4,536,315, Cl. 252-174.110.
  Ramachandran, Pallassanna, 4,536,316, Cl. 252-174.110.
  Ramachandran, Pallassanna; and Grand, Paul S., 4,539,135, Cl. 252-174.110.
  Saar, David C., 4,510,066, Cl. 252-140.000.
  Schebece, Frank; and Carson, John C., Jr., 4,554,097, Cl. 252-542.000.
  Silvis, Salvatore J., 4,544,493, Cl. 252-89.100.
  Steltenkamp, Robert J.; Douglass, Miriam L.; and Natarelli, Gerard E., 4,547,361, Cl. 424-49.000.
  Steltenkamp, Robert J.; Douglass, Miriam L.; and Natarelli, Gerard E., 4,562,064, Cl. 424-49.000.
  Su, Dean T., 4,501,834, Cl. 524-28.000.
  Su, Dean T., 4,528,111, Cl. 252-107.000.
  Trenner, Hans-Herbert, 4,544,006, Cl. 141-105.000.
  Wixon, Harold E., 4,524,012, Cl. 252-174.000.
Colgate, Stirling A., to Colgate Thermodynamics Co. Isothermal positive displacement machinery. 4,490,974, 1-1-85, Cl. 60-520.000.
Colgate Thermodynamics Co.: *See—*
  Colgate, Stirling A., 4,490,974, Cl. 60-520.000.
Coli, Giuseppe: *See—*
  Fogaroli, Giuseppe; and Coli, Giuseppe, 4,549,222, Cl. 358-296.000.
Colin, Pierre, to Societe Francaise de Stockage Geologique GEOSTOCK. Method and apparatus for underground storage of ammonia and analogous products. 4,542,626, 9-24-85, Cl. 62-45.000.
Colista, Dominic: *See—*
  Johnston, Robert J.; Layciak, Stephen G.; and Colista, Dominic, 4,539,860, Cl. 74-483.0PB.
Coll, Juan S.; Bofill, Joaquim F.; and Bacardit, Juan S., to Bendiberica, S.A. Master cylinder and brake booster assembly. 4,543,790, 10-1-85, Cl. 60-547.100.
Coll, Juan V.; Bacardit, Joan S.; and Bofill, Joaquim F., to Bendiberica S.A. Short master-cylinder. 4,524,585, 6-25-85, Cl. 60-562.000.
Coll, Juan V.: *See—*
  Bacardit, Juan S.; Coll, Juan V.; and Bofill, Joaquim F., 4,550,566, Cl. 60-554.000.
Collagen Corporation: *See—*
  Chu, George; and Casella, Sharon, 4,501,306, Cl. 141-94.000.
  Chu, George, 4,557,764, Cl. 106-161.000.
Collard, Maurice; and De Goncourt, Louis, to Bertin & Cie. Suspension for a motor vehicle by means of an elastic blade. 4,557,500, 12-10-85, Cl. 280-669.000.
Colle, Edward A., Jr.: *See—*
  Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., 4,498,541, Cl. 166-297.000.
  Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., 4,538,680, Cl. 166-55.000.
Colle, Karla S.: *See—*
  Singhal, Gopal H.; Colle, Karla S.; Edelson, Edward H.; Wilson, Bobby L.; and Dao, Loan H., 4,561,964, Cl. 208-10.000.
Colle, Roberto; Gozzo, Franco; Preziuso, Ciro; Barrett, Antony G. M.; and Barton, Derek H. R., to Montedison S.p.A. Herbicides. 4,529,437, 7-16-85, Cl. 71-94.000.
Colleen Pencil Co., Ltd.: *See—*
  Shintani, Koichi, 4,509,875, Cl. 401-34.000.
Collender, Robert B. Stereoscopic pictures by rotating projectors. 4,547,050, 10-15-85, Cl. 352-43.000.
Collens, Richard. Medical reminder device. 4,553,670, 11-19-85, Cl. 206-534.000.
Coller, Dana L.: *See—*
  Hodgkins, Charles E.; Rose, Daniel C.; and Coller, Dana L., 4,506,026, Cl. 501-135.000.
Coller, James R.; and Coon, Paul A., to AMP Incorporated. Connector with means for retaining terminals and verifying seating. 4,557,542, 12-10-85, Cl. 339-59.00M.
Coller, James R.; and Thrush, Roger L., to AMP Incorporated. Edge connector for chip carrier. 4,558,912, 12-17-85, Cl. 339-64.00M.
Coller, James R.: *See—*
  Billman, Timothy B.; Coller, James R.; and Marpoe, Gary R., Jr., 4,560,218, Cl. 339-17.0CF.
Coller, John H., to D. G. Shelter Products Company. Releasable latch bracket means for a vehicle sunroof. 4,512,598, 4-23-85, Cl. 292-263.000.
Colles, Joseph H.; and Bixby, James A., to Eastman Kodak Company. Down converting a high frame rate signal to a standard TV frame rate signal by skipping preselected video information. 4,496,995, 1-29-85, Cl. 360-9.100.
Collet-Cassart, Daniel; Mareschal, Jean-Claude; and Masson, Pierre L., to International Institute of Cellular & Molecular Pathology. Particle agglutination assay of antigens. 4,556,642, 12-3-85, Cl. 436-500.000.
Collet, Georges. Attachable toothbrush. 4,523,599, 6-18-85, Cl. 132-84.00D.
Collett, Geoffrey K.; Martin-Jones, Christopher B.; Tapner, Peter N.; Commander, David J.; Gilbey, Mark S.; and Berks, Robert S., to USM Corporation. Lockstitch sewing machine. 4,553,490, 11-19-85, Cl. 112-38.000.
Collette, Douglas P.: *See—*
  Jacobs, Paul H.; and Collette, Douglas P., 4,539,707, Cl. 455-47.000.
Collette, Michael L., to Otari Electric Co., Ltd. Resolver with sequential frequency and phase correction. 4,541,023, 9-10-85, Cl. 360-73.000.
Colley, Bruce H. AC-DC welding power supply. 4,517,439, 5-14-85, Cl. 219-130.330.

Colliander, Alan C., to Profile Extrusions Company. Low friction weather seal. 4,538,380, 9-3-85, Cl. 49-475.000.

Colliau, Joel D., to Ace Controls, Inc. Reciprocating drill feed control rod holding means. 4,534,683, 8-13-85, Cl. 408-17.000.

Collier, John E., to Leeds & Northrup Company. Remote correlation of sequence of events. 4,545,029, 10-1-85, Cl. 364-900.000.

Collier, Joseph A., to Union Carbide Corporation. Processes for the production of alkylene glycol in the presence of organometalate. 4,560,813, 12-24-85, Cl. 568-872.000.

Collier, Owen N.; and Selman, Gordon L., to Johnson Matthey Public Limited Company. Brazing alloy composition. 4,493,738, 1-15-85, Cl. 148-24.000.

Collier, Richard B. Chlorination device. 4,555,323, 11-26-85, Cl. 204-258.000.

Collier, Richard D.: *See—*

Beastall, William H.; Ballew, Vernon R.; Collier, Richard D.; and Bagby, John T., 4,523,417, Cl. 52-273.000.

Collier, Warren, to Tektronix, Inc. Device for recording host electronic instrument operating on-time. 4,534,045, 8-6-85, Cl. 377-16.000.

Collin, Claude: *See—*

Carpe, Michel; Collin, Claude; and Pontif, Marc, 4,509,206, Cl. 455-245.000.

Pinsard, Herve; Collin, Claude; and Faydit, Joel, 4,561,101, Cl. 375-108.000.

Collin, Thorbjorn; Erikmats, Borje; Forsberg, Svante; Goransson, Harry; Sander, Lars; and Solver, Carl E., to ASEA Aktiebolag. Means for detecting the contact wear of electrical switching devices. 4,532,499, 7-30-85, Cl. 340-644.000.

Colling, Jean M., to Framatome & Cie. Safety device. 4,524,449, 6-18-85, Cl. 377-28.000.

Collings, John: *See—*

Smith, Kenneth G.; and Collings, John, 4,542,735, Cl. 126-129.000.

Collington, Eric W.; Hallett, Peter; Wallis, Christopher J.; and Bradshaw, John, to Glaxo Group Limited. Aminocyclopentane esters and pharmaceutical formulations. 4,530,925, 7-23-85, Cl. 514-211.000.

Collins & Aikman Corporation: *See—*

Peoples, Clarence, Jr.; Puydak, Robert C.; and Jansen, Deborah S., 4,508,771, Cl. 428-95.000.

Peoples, Clarence A., Jr.; Hicks, Jacquelyn S.; and Smith, Vernon C., 4,529,639, Cl. 428-95.000.

Scott, Eddie W.; and Seltzer, Errol N., 4,523,426, Cl. 57-247.000.

Collins, Albert L.: *See—*

Powell, Bert R.; and Collins, Albert L., 4,553,352, Cl. 47-71.000.

Collins, Albert R., to Grefco, Inc. Method and apparatus for heating particulate material. 4,521,182, 6-4-85, Cl. 432-13.000.

Collins, Albert V.; and Asmus, Richard W., to Mooney Chemicals, Inc. Fungicidal and insecticidal compositions for treating wood. 4,507,152, 3-26-85, Cl. 106-18.310.

Collins, Albert V.; and Asmus, Richard W., to Mooney Chemicals, Inc. Process for the aqueous impregnation of green wood with oil soluble metal salts. 4,532,161, 7-30-85, Cl. 427-440.000.

Collins, Albert V.; and Asmus, Richard W., to Mooney Chemicals, Inc. Method for treating wood. 4,539,235, 9-3-85, Cl. 427-440.000.

Collins, Anthony J., to B & P Barnett Limited. Crossbow. 4,545,358, 10-8-85, Cl. 124-88.000.

Collins, C. Neal; and Peter, Joseph E., to Vortec Corporation. Flow-amplifying liquid-atomizing nozzle. 4,555,059, 11-26-85, Cl. 239-425.000.

Collins, David A.; Lile, Derek L.; and Zeisse, Carl R., to United States of America, Navy. Furnace transient anneal process. 4,555,273, 11-26-85, Cl. 148-1.500.

Collins, David R.: *See—*

Morris, Horton H.; Whyte, John R., Jr.; Forbus, Ellen; Dentan, Catherine M.; and Collins, David R., 4,510,254, Cl. 501-146.000.

Collins, David W.: *See—*

Axmear, Frederick E.; and Collins, David W., 4,549,232, Cl. 360-77.000.

Collins, Dean E., to Root-Lowell Mfg., Co. Shut-off valve for a sprayer. 4,544,133, 10-1-85, Cl. 251-344.000.

Collins, Denver G., to State Industries, Inc. Water heater with combination magnetic and agitator means. 4,512,289, 4-23-85, Cl. 122-380.000.

Collins, Donald A., to NCR Corporation. Error correction system. 4,506,365, 3-19-85, Cl. 371-38.000.

Collins, Donald A.; and O'Hanlan, Thomas B., to NCR Corporation. Error detecting system. 4,513,420, 4-23-85, Cl. 371-38.000.

Collins, Doris A. Animal support harness. 4,530,309, 7-23-85, Cl. 119-96.000.

Collins Dynamics: *See—*

Collins, William J., 4,502,103, Cl. 362-249.000.

Collins, Earl R. Implantable fluid dispensing system. 4,505,710, 3-19-85, Cl. 604-891.000.

Collins, Earl R., Jr., to United States of America, National Aeronautics and Space Administration. Shuttle car loading system. 4,537,554, 8-27-85, Cl. 414-328.000.

Collins, Floyd K.; Hovey, Frederick A.; and Maninger, Loren L., to North American Philips Consumer Electronics Corp. Cathode ray tube focusing electrode shielding means. 4,546,287, 10-8-85, Cl. 313-414.000.

Collins, Floyd K.: *See—*

Burdick, Glen A.; Collins, Floyd K.; and Kuryla, Alan T., 4,547,697, Cl. 313-412.000.

Collins, Galen R., to Fuji Photo Film Co., Ltd. Delta modulated communication system. 4,554,671, 11-19-85, Cl. 375-30.000.

Collins, Geoff; and Juurmaa, Kimmo, to Oy Wartsila Ab. Arrangement in vessels. 4,546,719, 10-15-85, Cl. 114-40.000.

Collins, George J.; Thompson, Lance R.; Rocca, Jorge J.; and Boyer, Paul K., to Colcomm, Inc. Electron beam induced chemical vapor deposition. 4,509,451, 4-9-85, Cl. 118-50.100.

Collins, George J.: *See—*

Rocca, Jorge J.; and Collins, George J., 4,496,449, Cl. 204-192.00E.

Sullivan, Paul A.; and Collins, George J., 4,523,370, Cl. 29-576.00B.

Collins, Gordon T., to Allied Corporation. Electrical connector assembly having an anti-decoupling device. 4,500,154, 2-19-85, Cl. 339-89.00M.

Collins, Gregory P., to Mobil Oil Corporation. Method of plasma treating a polymer film to change its properties. 4,536,271, 8-20-85, Cl. 204-192.00E.

Collins, Guy R., to Dow Chemical Company, The. Process for the preparation of substituted amino dienes. 4,534,903, 8-13-85, Cl. 260-465.50R.

Collins, Guy R., to Dow Chemical Company, The. Process for preparing hydroxyethyl p-(β hydroxyethoxy)benzoate. 4,542,232, 9-17-85, Cl. 560-064.000.

Collins, H. Dale; Busse, Lawrence J.; and Lemon, Douglas K., to United States of America, Energy. Acoustic emission linear pulse holography. 4,531,411, 7-30-85, Cl. 73-603.000.

Collins, Harry F., to Service Ideas, Inc. Wall-mountable single cup electric liquid heating appliance. 4,546,237, 10-8-85, Cl. 219-331.000.

Collins, Henry R., Jr. Self-cleaning liquid filter and system. 4,533,471, 8-6-85, Cl. 210-138.000.

Collins, Ian P.; and Fernie, Douglas P., to Warner-Lambert Technologies, Inc. Endoscope. 4,534,339, 8-13-85, Cl. 128-6.000.

Collins, Jack L.: *See—*

Lloyd, Milton H.; Collins, Jack L.; and Shell, Sam E., 4,502,987, Cl. 252-635.000.

Collins, James H., to Shell Oil Company. Solvent resistant polymeric composition. 4,495,323, 1-22-85, Cl. 524-426.000.

Collins, John L.: *See—*

Young, Hartley F.; Remes, Wally A.; and Collins, John L., 4,494,463, Cl. 104-17.00A.

Collins, John M., Jr.: *See—*

Shimrock, Thomas; Taylor, R. Dirk; and Collins, John M., Jr., 4,550,034, Cl. 427-243.000.

Collins, John W., to Mobil Oil Corporation. Reversing turbulators for heat exchangers. 4,545,426, 10-8-85, Cl. 165-95.000.

Collins, Kenneth D.: *See—*

Cooke, Michael W.; Arriola, Arturo; Stegman, Julius M.; and Collins, Kenneth D., 4,495,849, Cl. 89-1.140.

Collins, Kent L.: *See—*

Lewis, George A.; Collins, Kent L.; Benesh, Joseph C.; and Ward, Patrick C., 4,538,091, Cl. 313-625.000.

Collins, Leslie M.; and Zarr, Myron, to Minnesota Mining and Manufacturing Company. Anti-friction and non-oscillating spool for belt driven cartridge. 4,561,609, 12-31-85, Cl. 242-192.000.

Collins, Mark C.; and Ive, John G. S., to Sony Corporation. Digital television apparatus. 4,558,377, 12-10-85, Cl. 360-10.100.

Collins, Michael F.; and Lordi, Francis D., to General Electric Company. Plasma jet cleaning apparatus and method. 4,555,612, 11-26-85, Cl. 219-121.00P.

Collins, Michael J., to CEM Corporation. Analytical apparatus for determining volatiles, solids, and solvent extractables in a sample. 4,554,132, 11-19-85, Cl. 422-68.000.

Collins, Michael T., to P and C Engineering and Development. Rotary face seal with flexible annular boot. 4,502,698, 3-5-85, Cl. 277-43.000.

Collins, Patrick C., to General Electric Company. Multilayered hollow polycarbonate containers. 4,513,037, 4-23-85, Cl. 428-35.000.

Collins, Patrick C.; and Gasaway, John M., to General Electric Company. Soft top coated shaped polycarbonate article. 4,550,058, 10-29-85, Cl. 428-412.000.

Collins, Paul W.; and Gasiecki, Alan F., to G. D. Searle & Co. Omega cycloalkyl prostaglandins. 4,499,296, 2-12-85, Cl. 560-118.000.

Collins, Paul W.; and Weier, Richard M., to G. D. Searle & Co. 3-oxa-prostaglandins. 4,529,812, 7-16-85, Cl. 560-121.000.

Collins, Paul W.; Gasiecki, Alan F.; and Weier, Richard M., to G. D. Searle & Co. 2-substituted prostaglandins. 4,536,592, 8-20-85, Cl. 560-53.000.

Collins, Raymond L., Jr. Ignitor probe assembly and ceramic insulator therefor. 4,553,927, 11-19-85, Cl. 431-264.000.

Collins, Robert A.; and Lewis, Timothy A., to Gus Pech Manufacturing Co. Vehicle-mounted earth drilling apparatus. 4,493,382, 1-15-85, Cl. 175-206.000.

Collins, Robert P.; Haim, Elias S.; and Rowen, John A., to General Electric Company. Transflective liquid crystal display with enhanced contrast ratio. 4,541,692, 9-17-85, Cl. 350-339.00R.

Collins, Roy P.: *See—*

Bohannon, William D., Jr.; Collins, Roy P.; Kinard, Michael D.; and Weinraub, William C. L., 4,557,560, Cl. 350-96.230.

Collins, Royal D., to Procter & Gamble Company, The. Skin cleansing compositions containing alkaline earth metal carbonates as skin feel agents. 4,557,853, 12-10-85, Cl. 252-128.000.

Collins, Stephen. Splicing apparatus and cassette therefor. 4,557,789, 12-10-85, Cl. 156-505.000.

Collins, Thomas D., to Sonoco Products Company. Carton divider. 4,492,332, 1-8-85, Cl. 229-15.000.

Collins, Walter W.; and Reinschreiber, Jonathan P., to Gerber Legendary Blades. Positive delivery knife sheath. 4,541,556, 9-17-85, Cl. 224-196.000.

Collins, Walter W., to Gerber Legendary Blades. Snap lock connector with push-button release. 4,547,937, 10-22-85, Cl. 24-607.000.

Collins, Walter W., to Gerber Legendary Blades. Positive lock and quick release knife and sheath. 4,558,516, 12-17-85, Cl. 30-151.000.

Collins, Walter W. Knife sharpener. 4,558,540, 12-17-85, Cl. 51-214.000.

Collins, William F.: *See—*
  Kump, Howard H.; and Collins, William F., 4,528,685, Cl. 378-157.000.

Collins, William J., to Collins Dynamics. Light with mount for plural lamp bulbs. 4,502,103, 2-26-85, Cl. 362-249.000.

Colliopoulos, John A.; Paul, David B.; and Young, James G., to G. D. Searle & Co. Psyllium hydrophilic mucilloid composition. 4,548,806, 10-22-85, Cl. 424-35.000.

Collis, George C. Toothbrush with curved bristles. 4,493,125, 1-15-85, Cl. 15-167.00A.

Collis, Harvey E. Hair roller. 4,540,006, 9-10-85, Cl. 132-39.000.

Collis, John S., Jr. X-ray table. 4,527,787, 7-9-85, Cl. 269-322.000.

Collishaw, Peter S.; and Wilkinson, Michael, to Caligen Foam Limited; and W. E. Saxby (Nottingham) Limited. Apparatus for impregnating or dispersing a product in a thin substrate. 4,503,801, 3-12-85, Cl. 118-246.000.

Colliver, Anthony D., to F. F. Seeley Nominees Pty. Ltd. Evaporative air-conditioner water bleed-off system. 4,562,016, 12-31-85, Cl. 261-106.000.

Collmann, Wilhelm. Spacer device for a tire processing machine. 4,508,498, 4-2-85, Cl. 425-58.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, to Calma Company. Graphics display system and method including two-dimensional cache. 4,491,836, 1-1-85, Cl. 340-747.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, to Calma Company. Graphics display system and method including preclipping circuit. 4,492,956, 1-8-85, Cl. 340-723.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, to Calma Company. Graphics display system and method including associative addressing. 4,496,944, 1-29-85, Cl. 340-723.000.

Colln, Reimer; and Mohrmann, Karl H., to Bayer Aktiengesellschaft. Preparation of substituted thiadiazolyloxyacetamides. 4,528,379, 7-9-85, Cl. 546-209.000.

Collo GmbH: *See—*
  Ehlenz, Peter; and Irgel, Lutz, 4,517,308, Cl. 502-401.000.

Collonia, Harald, to VDO Adolf Schindling AG. Device for electric control of the speed of an automotive vehicle. 4,495,454, 1-22-85, Cl. 318-663.000.

Collora, George A.; and Braun, Ronald C., to Grumman Aerospace Corporation. Universal contoured parts holding fixture. 4,527,783, 7-9-85, Cl. 269-21.000.

Collot, Jean, to Association pour la Recherche et le Developpemente des Methods et Processus Industriels. Method and apparatus for casting metal alloys in the thixotropic state. 4,510,987, 4-16-85, Cl. 164-71.100.

Collumeau, Yoland, to Thomson-CSF. Cases with flat terminal lugs for medium power semi-conductor components and a process for manufacturing same. 4,510,677, 4-16-85, Cl. 29-588.000.

Collyear, John G.; and Parker, David A., to AE PLC. Pistons. 4,535,682, 8-20-85, Cl. 92-153.000.

Collyer, Graham E.: *See—*
  Bayne, Christopher J.; Lambert, Joseph L.; and Collyer, Graham E., 4,523,885, Cl. 414-156.000.

Colman, Joseph C., to Walker Machine and Foundry Company. Load holder guard. 4,525,113, 6-25-85, Cl. 410-41.000.

Colman OEM, Inc.: *See—*
  Wielgus, Charles D., 4,493,955, Cl. 200-38.00R.

Colman, William H., to Lenco, Inc. Gas seal for MIG gun systems. 4,553,013, 11-12-85, Cl. 219-74.000.

Colmenares, Carlos A.; Somorjai, Gabor A.; and Maj, Joseph J., to United States of America, Energy. High surface area ThO_2 catalyst and method of preparing it. 4,532,230, 7-30-85, Cl. 502-344.000.

Colmet, Serge: *See—*
  Bak, Claude; Bellocci, Rio; and Colmet, Serge, 4,527,608, Cl. 164-58.100.

Colomb, Denis G., to Sonics Research Corporation. System and method for high quality image reproduction with grayscale image print while store capability. 4,511,928, 4-16-85, Cl. 358-280.000.

Colombani, Bruno: *See—*
  Caretta, Renato; and Colombani, Bruno, 4,529,461, Cl. 156-124.000.

Colombani, Pascal: *See—*
  Coblentz, Andrea; Lefevre, Didier; Colombani, Pascal; and Meunier, Denis, 4,520,666, Cl. 73-155.000.

Colombe , Philippe: *See—*
  Metzger, Jean; Lecouls, Henri; Colombe , Philippe; and Wojcik, Jean, 4,520,001, Cl. 423-332.000.

Colombini, Carlo: *See—*
  Bocelli, Aureliano; and Colombini, Carlo, 4,540,425, Cl. 65-273.000.
  Bocelli, Aureliano; and Colombini, Carlo, 4,540,426, Cl. 65-273.000.

Colombo, Charles D. Awning type window frame for installing either rigid glazing pane or flexible glazing sheet. 4,553,360, 11-19-85, Cl. 52-202.000.

Colombo, Edward A.: *See—*
  Boyd, Dana M.; Colombo, Edward A.; and Lashway, William H., 4,533,578, Cl. 428-35.000.

Colombo, John W.: *See—*
  Meissner, Konrad E.; and Colombo, John W., 4,544,005, Cl. 141-94.000.

Colombo, Paul, to Perkin-Elmer Corporation, The. Effusion cell assembly. 4,553,022, 11-12-85, Cl. 219-275.000.

Colombo, Piero, to Continua International Continuous Casting S.p.A. Apparatus for the continuous casting of metals. 4,498,520, 2-12-85, Cl. 164-426.000.

Colon, Ismael, to Union Carbide Corporation. Polymerization of haloalkynes by a nickel catalyst. 4,496,700, 1-29-85, Cl. 526-111.000.

Colonel, Kenneth: *See—*
  Lau, Edward H.; and Colonel, Kenneth, 4,496,254, Cl. 400-175.000.

Colonel, Richard C.: *See—*
  Hsu, Grace F.; and Colonel, Richard C., 4,529,487, Cl. 204-37.100.

Colonel, Shirley R. Method for stitching pattern. 4,530,665, 7-23-85, Cl. 434-95.000.

Colonius, Ray E.; and Early, Edward, to Cargill Detroit Corp. Sucker rod coupling manufacturing system. 4,519,125, 5-28-85, Cl. 29-558.000.

Colonna, William J.: *See—*
  Horwath, Robert O.; and Colonna, William J., 4,492,755, Cl. 435-94.000.

Color Optics, Ltd. (Partnership): *See—*
  Fuhrman, Ari, 4,558,931, Cl. 351-160.00H.

Colorado School of Mines: *See—*
  Brown, James T., Jr.; and Schowengerdt, Frank D., 4,497,641, Cl. 55-94.000.
  Penning, Francis A., 4,535,541, Cl. 33-1.00H.

Colorado State University Research Foundation: *See—*
  Dunbar, Bohn D.; Niswender, Gordon D.; and Hudson, James M., 4,530,786, Cl. 260-112.00B.

Colorado Video, Incorporated: *See—*
  Southworth, Glen R.; and Johnson, Bruce F., 4,514,753, Cl. 358-11.000.

Colorcon, Inc.: *See—*
  Porter, Stuart C.; and Woznicki, Edward J., 4,543,370, Cl. 523-100.000.
  Porter, Stuart C.; Woznicki, Edward J.; Grillo, Susan M.; and D'Andrea, Louis F., 4,556,552, Cl. 424-32.000.

Colores Hispania, S.A.: *See—*
  Sole, Carlos M.; and Vallvey, Juan A., 4,500,361, Cl. 106-298.000.

Colortronic Reinhard & Co. KG: *See—*
  Steffensen, Bjarne T., 4,545,539, Cl. 241-73.000.

Colosimo, Joseph A.: *See—*
  Harkless, Lloyd B.; McCracken, William L.; and Colosimo, Joseph A., 4,527,055, Cl. 250-234.000.

Colosio, Cesare, to Colosio Cesare S.r.I. Device selecting the needles on the dial plate of either single or multiple feed, single cylinder circular knitting machines for the manufacture of ribbed fabric. 4,539,825, 9-10-85, Cl. 66-24.000.

Colosio Cesare S.r.I.: *See—*
  Colosio, Cesare, 4,539,825, Cl. 66-24.000.

Colpaert, James J.: *See—*
  Runkle, Dean E.; and Colpaert, James J., 4,512,445, Cl. 188-71.900.

Colquhoun, Alexander; and Kohn, Erhard, to Telefunken Electronic GmbH. Varactor or mixer diode with surrounding substrate metal contact and top surface isolation. 4,541,000, 9-10-85, Cl. 357-15.000.

Colromm, Inc.: *See—*
  Collins, George J.; Thompson, Lance R.; Rocca, Jorge J.; and Boyer, Paul K., 4,509,451, Cl. 118-50.100.
  Rocca, Jorge J.; and Collins, George J., 4,496,449, Cl. 204-192.00E.

Colson, Andrew E. Swimming pool apparatus. 4,498,984, 2-12-85, Cl. 210-122.000.

Colson, Cynthia A.: *See—*
  Huang, Victor T.; Colson, Cynthia A.; Yong, Sam; and Clemmings, John F., 4,542,035, Cl. 426-565.000.

Colson, William B.: *See—*
  Deacon, David A. G.; Madey, John M. J.; Smith, Todd I.; and Colson, William B., 4,491,948, Cl. 372-2.000.

Colt Industries Operating Corp: *See—*
  Bart, Hansueli, 4,528,967, Cl. 123-549.000.
  Bredbury, Seth K.; and Waterman, Harold J., Jr., 4,536,982, Cl. 42-71.00R.
  Corrette, Richard H., 4,546,639, Cl. 72-469.000.
  Cowles, Warren H., 4,539,960, Cl. 123-463.000.
  Currier, Stephen M.; Penhollow, Bert G. H.; Hof, Gordon G.; and Mast, Norbert L., 4,502,842, Cl. 417-8.000.
  Johnson, Kalin S., 4,509,483, Cl. 123-432.000.
  Johnson, Kalin S.; and Alsobrooks, Daniel E., 4,561,158, Cl. 29-156.40R.
  Keen, Harry J.; and Barrett, L. Paul, 4,549,439, Cl. 73-862.650.
  Khoury, Donald S., 4,555,861, Cl. 42-70.00F.
  Klein, Harold A., 4,493,595, Cl. 408-46.000.
  Marsland, George H., 4,557,645, Cl. 409-144.000.
  McAuliffe, Lawrence, Jr.; and Chauvin, Richard, 4,524,743, Cl. 123-438.000.
  Miller, Robert J., 4,556,032, Cl. 123-438.000.
  Patton, Roy D.; and Brown, Robert C., 4,491,713, Cl. 219-69.00R.
  Wakeman, Russell J., 4,508,091, Cl. 123-586.000.
  Waterman, Harold J., Jr., 4,512,101, Cl. 42-71.00R.

Colt, James W.: *See—*
  Cabus, Marcello M.; Howard, Billy D.; Colt, James W.; and Tuft, Edward S., 4,534,118, Cl. 34-34.000.

Colton, James P.: *See—*
  Carlson, John D.; Kifer, Edward W.; Wojtyna, Vincent J.; and Colton, James P., 4,539,338, Cl. 521-131.000.

Colton, John R.; Scordo, Dominick; and Simmons, David M., to AT&T Bell Laboratories. Multilocation video conference terminal including an arrangement to reduce disruption in video switching. 4,529,839, 7-16-85, Cl. 179-2.0TS.

Colton, John R.; Scordo, Dominick; and Simmons, David M., to AT&T Bell Laboratories. Multilocation video conference terminal including controllable conference location reconfiguration. 4,529,840, 7-16-85, Cl. 179-2.0TS.
Colton, John R.; Scordo, Dominick; and Simmons, David M., to AT&T Bell Laboratories. Multilocation video conference terminal including video switching contention control. 4,531,024, 7-23-85, Cl. 179-2.0TS.
Colton, John R.: *See—*
Baranyai, Lawrence; and Colton, John R., 4,499,577, Cl. 370-62.000.
Colucci, James, to Design Wire Products, Inc. Magazine display rack. 4,498,592, 2-12-85, Cl. 211-42.000.
Columbia Chemical Corporation: *See—*
Rosenberg, William E., 4,530,741, Cl. 204-54.00R.
Rosenberg, William E., 4,545,870, Cl. 204-54.00R.
Columbia Gas System Service Corporation: *See—*
Dukat, Alexander J., 4,511,444, Cl. 204-148.000.
Jatana, Subhash C., 4,541,410, Cl. 126-362.000.
Malcosky, Norman D.; and Koziar, Greg, 4,551,154, Cl. 48-193.000.
Schettler, Paul D., Jr., 4,538,460, Cl. 73-432.00R.
Columbia Industries, Inc.: *See—*
Miller, Charles M., Jr.; and Orlando, Samuel J., 4,522,397, Cl. 273-63.00D.
Columbia Machine, Inc.: *See—*
Anderson, Larry A.; and Shultz, Charles H., 4,498,573, Cl. 198-374.000.
Columbia Research Laboratories, Inc.: *See—*
Stratton, Leo M.; Sipple, Kenneth J.; and Tatonetti, Mario B., 4,495,815, Cl. 73-517.00B.
Stratton, Leo M.; Sipple, Kenneth J.; and Tatonetti, Mario B., 4,507,965, Cl. 73-517.00B.
Columbia University, The Trustees of: *See—*
Canfield, Robert E.; Ehrlich, Paul H.; and Moyle, William R., 4,514,505, Cl. 436-500.000.
Dell, Ralph B.; Winters, Robert W.; and Heird, William C., 4,491,589, Cl. 424-274.000.
Fox, Charles L., Jr.; and Modak, Shanta M., 4,535,078, Cl. 514-157.000.
Manning, Maurice; and Sawyer, Wilbur H., 4,491,577, Cl. 424-177.000.
Manning, Maurice; and Sawyer, Wilbur H., 4,551,445, Cl. 514-9.000.
Schachter, David; Abbott, Richard E.; and Cogan, Uri, 4,537,718, Cl. 260-112.50R.
Columbus Foundries, Inc.: *See—*
Dugger, Ben A., 4,544,188, Cl. 285-337.000.
Columbus Industries, Inc.: *See—*
Pontius, Harold T., 4,504,290, Cl. 55-316.000.
Columbus McKinnon Corporation: *See—*
Pancook, James J.; and Ulbing, Otmar M., 4,520,247, Cl. 200-298.000.
Columbus, Richard L., to Eastman Kodak Company. Capillary transport device having means for increasing the viscosity of the transported liquid. 4,549,952, 10-29-85, Cl. 204-416.000.
Columbus Show Case Company, The: *See—*
Aschinger, William T.; Pfeifer, Jack F.; and Shumaker, Dale E., 4,507,714, Cl. 362-126.000.
Colussi, John J.: *See—*
Chestnut, Raymond; Colussi, John J.; Frost, Donald J.; Keen, William E., Jr.; and Raduta, Margaret C., 4,514,307, Cl. 210-751.000.
Colvert, James H.: *See—*
MacLean, John P.; Bittensky, Joel S.; and Colvert, James H., 4,539,303, Cl. 502-39.000.
Colville, Larry L.: *See—*
Buetemeister, Earl H.; and Colville, Larry L., 4,549,089, Cl. 290-38.00R.
Colvin, Floyd W.: *See—*
Khanna, Pyare L.; and Colvin, Floyd W., 4,518,701, Cl. 436-500.000.
Colvin, Harry, to Shanni International, Inc. Prefabricated folding structure. 4,545,171, 10-8-85, Cl. 52-79.500.
Colvin, Howard A.; Fiedler, Ronald D.; Muse, Joel, Jr.; and Smith, Donald E., to Goodyear Tire & Rubber Company, The. Process for the synthesis and purification of diisopropenylbenzene. 4,528,413, 7-9-85, Cl. 585-440.000.
Colvin, Howard A., to Goodyear Tire & Rubber Company, The. Inhibiting polymerization of vinylaromatic monomers. 4,532,011, 7-30-85, Cl. 203-9.000.
Colvin, Howard A.; Muse, Joel, Jr.; and Hollingshead, William S., to Goodyear Tire & Rubber Company, The. Process for the production of hydroxyanisole and alkylated hydroxyanisoles. 4,538,002, 8-27-85, Cl. 568-650.000.
Colwell, Robert; and Bartell, Robert J., to Universal Electric Company. Method of assembling an electric motor. 4,505,031, 3-19-85, Cl. 29-596.000.
Colwill, Richard H. Synchronous copying and collating system. 4,494,855, 1-22-85, Cl. 355-1.000.
Colyer, Timothy D., to Armstrong World Industries, Inc. Method for making decorative laminate. 4,547,245, 10-15-85, Cl. 156-220.000.
Colyer, Timothy D.; and Sensenig, Darryl L., to Armstrong World Industries, Inc. Flotation method for orienting chips in the manufacture of surface covering. 4,552,606, 11-12-85, Cl. 156-280.000.
Com Dev Ltd.: *See—*
Dorey, James B.; and Tang, Wai-Cheung, 4,513,264, Cl. 333-212.000.
Comai, Luca, to Calgene, Inc. Inhibition resistant 5-enolpyruvyl-3-phosphoshikimate synthetase, production and use. 4,535,060, 8-13-85, Cl. 435-172.300.
Comalco Aluminum Limited: *See—*
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Comarme, S.p.A.: *See—*
Marchetti, Augusto, 4,545,176, Cl. 53-76.000.
Comat, S.a.r.l.: *See—*
Cunisse, Michel; Granier, Patrick; D'Hollosy, Antoine; and De Pinho, Daniel, 4,531,839, Cl. 366-110.000.
Comato B.V.: *See—*
Pondes, Alfonsius A. T., 4,555,202, Cl. 407-117.000.
Comau S.p.A.: *See—*
Cattani, Alberto, 4,534,546, Cl. 269-58.000.
Rossi, Cristiano, 4,494,687, Cl. 228-47.000.
Vittorio, Corni, 4,533,823, Cl. 235-375.000.
Comb Associates: *See—*
Saferstein, Albert; and Spector, Gilbert, 4,502,498, Cl. 132-137.000.
Combe, Hubert. Pipe clamp. 4,557,447, 12-10-85, Cl. 248-74.100.
Combe Incorporated: *See—*
Lapidus, Herbert, 4,503,116, Cl. 428-286.000.
Combe, Michel: *See—*
Hamelin, Jean-Francois; and Combe, Michel, 4,547,879, Cl. 370-86.000.
Comber S.p.A. Costruzioni Meccaniche Bergamasche: *See—*
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Combest, H. E. Buddy; and Tunks, Larry M., to Aladdin Equipment Company. Pressure indicator. 4,527,429, 7-9-85, Cl. 73-744.000.
Combet, Michel: *See—*
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Combi Co., Ltd.: *See—*
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Nakao, Shinroku; Saito, Hideo; Kato, Hitoshi; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,538,830, Cl. 280-647.000.
Combier, Michel, to Telecommunications Radioelectriques et Telephoniques T.R.T. Digital echo canceller. 4,549,048, 10-22-85, Cl. 179-170.200.
Combined America Industries, Inc.: *See—*
Davis, Alan H., 4,501,101, Cl. 52-404.000.
Combined Fluid Products Company: *See—*
Kist, William J., 4,495,968, Cl. 137-624.200.
Combourieu, Michel; Simond, Jacques A. L.; and Monteil, Andre J., to Riom Laboratoires - Cerm S.A. 3-alkoxy-2-(N-pyrolidino)-N-pyridyl-N-furyl(or thienyl) methyl-pyropyl amines useful as calcium antagonints. 4,555,514, 11-26-85, Cl. 514-343.000.
Combs, L. Paul: *See—*
Sprouse, Kenneth M.; Schuman, Merlin D.; and Combs, L. Paul, 4,536,603, Cl. 585-539.000.
Combs, Linsey L., to W.W.B. Developers. Wire rope spare tire carrier. 4,537,555, 8-27-85, Cl. 414-463.000.
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Lindberg, John E., 4,503,813, Cl. 123-25.00E.
Combustion Electromagnetics, Inc.: *See—*
Ward, Michael A. V.; and Lefevre, Robert P., 4,499,872, Cl. 123-344.000.
Ward, Michael A. V., 4,561,406, Cl. 123-536.000.
Combustion Engineering, Inc.: *See—*
Alexander, M. Grayson; and Riley, Brian, 4,550,066, Cl. 429-191.000.
Anderson, David K., 4,532,872, Cl. 110-255.000.
Baker, Robert D.; Driggers, Gerald W.; Gray, Ronald W.; and Hawkins, Lawrence A., 4,521,229, Cl. 55-137.000.
Bell, Robert L.; and Lathlaen, Richard A., 4,501,051, Cl. 29-25.410.
Benton, Thomas K.; and Seay, James R., 4,545,260, Cl. 73-861.650.
Blaskowski, Henry J., 4,511,371, Cl. 48-197.00R.
Blevins, Milton L.; and Seiter, Charles R., 4,512,178, Cl. 72-393.000.
Borio, Donald C.; Borio, Richard W.; Hale, Gilbert L.; Mehta, Arun K.; and Tyler, Arnold L., 4,552,077, Cl. 110-347.000.
Brule, James E.; O'Neill, James K.; and Palmer, David N., 4,497,726, Cl. 252-182.100.
Carrington, Donald P.; and MacKay, Andrew D., 4,497,229, Cl. 83-76.000.
Carty, Michael W.; and Kraus, Guenther M., 4,554,721, Cl. 29-416.000.
Comeau, Joseph H.; Kowles, Joseph E.; Lareau, John P.; Mayo, Kenneth R.; and Runde, Herbert A., 4,493,155, Cl. 33-366.000.
Comparato, Joseph R., 4,530,290, Cl. 110-245.000.
Connelly, Ronald F., 4,527,593, Cl. 114-365.000.
Covell, Russell B., 4,520,762, Cl. 122-7.00R.
Creek, Ronald B.; Harden, Charles T.; and Harris, Harold H., 4,515,747, Cl. 376-249.000.
Deve, Vagn, 4,507,081, Cl. 432-106.000.
Deve, Vagn, 4,533,087, Cl. 241-65.000.
Felice, Frank T.; and Yonushonis, Celeste B., 4,510,253, Cl. 501-95.000.
Felice, Frank T., 4,522,926, Cl. 501-127.000.
Francis, Alex W., Jr., 4,493,591, Cl. 405-198.000.
Francis, Alex W., Jr., 4,555,332, Cl. 210-104.000.
Gaines, Albert L., 4,497,767, Cl. 376-142.000.
Gelbar, Danny E., 4,529,136, Cl. 241-79.000.
Gibbons, John F.; and Knapp, Richard W., 4,557,891, Cl. 376-397.000.
Gower, Irving W.; Cherry, Carl J.; and Yang, David S., 4,523,949, Cl. 75-24.000.

Green, John L., 4,512,225, Cl. 83-38.000.
Hellewell, Todd D., 4,505,435, Cl. 241-79.100.
Hill, Frank P., Jr.; Alden, John W., Jr.; and Williams, Harry K., 4,524,729, Cl. 122-498.000.
Howard, Guy D.; and Bosso, Alexander, 4,545,305, Cl. 110-165.00R.
Hurta, Gary L.; Milberger, Lionel J.; and Williams, Alford M., 4,497,369, Cl. 166-368.000.
Ivester, Frank D.; and Troulias, James R., 4,502,872, Cl. 55-147.000.
Johnson, Charles B., 4,513,840, Cl. 181-210.000.
Kuljis, Zoran; Lareau, John P.; and Brook, Mark V., 4,509,369, Cl. 73-628.000.
Loomis, Robert W.; and Lawton, Carl W., 4,499,860, Cl. 122-510.000.
Lubin, Barry T.; and Thompson, James P., 4,523,466, Cl. 73-579.000.
Madewell, George R., 4,507,609, Cl. 324-230.000.
Maliszewski, Theodore V.; and Kohler, David E., 4,523,721, Cl. 241-61.000.
Malone, Dennis M., 4,533,856, Cl. 318-6.000.
McCartney, Michael S.; and Pollock, William H., 4,501.204, Cl. 110-264.000.
McCartney, Michael S.; Chadshay, Roman; and Erlacher, Richard F., 4,520,739, Cl. 110-263.000.
McCartney, Michael S., 4,552,076, Cl. 110-347.000.
Milberger, Lionel J.; Martin, Jimmy R.; and Mataway, Thomas P., 4,534,583, Cl. 285-24.000.
Musto, Richard L.; and Kai, Norichika, 4,493,269, Cl. 110-106.000.
Nelson, H. Wharton, 4,498,955, Cl. 162-30.110.
Palkes, Mark, 4,548,162, Cl. 122-7.00R.
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Palmer, David N., 4,541,984, Cl. 376-415.000.
Palmer, David N., 4,542,009, Cl. 423-561.00R.
Paskowski, Frank J., Jr.; and Stanwicks, Peter L., 4,538,768, Cl. 241-101.200.
Peck, Daniel A.; and Callaghan, Vincent M., 4,521,371, Cl. 376-245.000.
Rickard, Earl K., 4,494,468, Cl. 110-234.000.
Roberts, Wayne L., 4,539,164, Cl. 261-114.00A
Rosso, John B., 4,539,523, Cl. 328-141.000.
Russell, Cornelius R., 4,516,631, Cl. 165-47.000.
Schukei, Glen E., 4,505,017, Cl. 29-157.30R.
Sindel, Allen W., 4,539,464, Cl. 219-137.00R.
Singh, Gurdip, 4,551,796, Cl. 364-148.000.
Smuda, Robert T., 4,538,552, Cl. 122-387.000.
Sodergren, Jan H.; and Hales, James W., 4,513,786, Cl. 138-89.000.
Sump, Cord H., 4,504,440, Cl. 419-3.000.
Thompson, Leslie L., 4,542,281, Cl. 219-216.000.
Warren, Douglas H.; and Wentzell, Timothy H., 4,505,874, Cl. 376-249.000.
Wentzell, Timothy H.; and Kuljis, Zoran, 4,526,037, Cl. 73-640.000.
Wentzell, Timothy H.; and Brook, Mark V., 4,532,808, Cl. 73-640.000.
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Wysk, Stanley R., 4,530,291, Cl. 110-342.000.
Zaterka, Theodore R., 4,545,308, Cl. 110-297.000.
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Comdial Technology Corporation: *See—*
Corless, Robert W., 4,547,629, Cl. 179-81.00R.
Lawson, Robert; Augustus, Jimmie R.; Corless, Robert; and Kardash, John, 4,508,939, Cl. 179-90.00B.
Comdial Telephone Systems, Inc.: *See—*
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Comeau, Joseph H.; Kowles, Joseph E.; Lareau, John P.; Mayo, Kenneth R.; and Runde, Herbert A., to Combustion Engineering, Inc. Apparatus for remotely indicating angular position. 4,493,155, 1-15-85, Cl. 33-366.000.
Comeau, Leon J.; and Birkholz, Roger O., to Comeau, Leon J. Device and method for sensing electric current in a conductor. 4,558,276, 12-10-85, Cl. 324-117.00H.
Comeau, Paul E., to Kenney Manufacturing Company. Adjustable traverse rod and motor drive combination. 4,492,262, 1-8-85, Cl. 160-126.000.
Comeau, Paul E.; and Torti, Anthony, to Kenney Manufacturing Company. Master carrier and perforated tape drive combination. 4,495,671, 1-29-85, Cl. 16-87.00R.
Comeau, Paul E., to Kenney Manufacturing Company. Drive sprocket for traverse rod. 4,519,433, 5-28-85, Cl. 160-126.000.
Comer, Philip L., to McGraw-Edison Company. High capacity filter for floor cleaning machines and the like. 4,514,875, 5-7-85, Cl. 15-349.000.
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Comey, David M.; and Kusner, Ronald R., to Honeywell Inc. Apparatus and method for testing evacuatable dewar vessels. 4,541.730, 9-17-85, Cl. 374-43.000.
Comez S.p.A.: *See—*
Zorini, Luigi O.; and Zorzoli, Walter, 4,549,414, Cl. 66-203.000.
Comfort Auto Industries, Inc.: *See—*
Richards, William D., 4,505,139, Cl. 70-221.000.
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Comitato Nazionale per l'Energia Nucleare: *See—*
Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,783, Cl. 252-628.000.
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Comlinear Corporation: *See—*
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Simjian, Luther G., 4,494,757, Cl. 273-183.00C.
Simjian, Luther G., 4,557,520, Cl. 297-185.000.
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Commander Electrical Equipment, Inc.: *See—*
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Commander Electrical Materials, Inc.: *See—*
Nattel, William, 4,529,834, Cl. 174-53.000.
Commandeur, Jacobus J.; Felthuis, Jacob; and Mantel, Piet, to Hoogovens Groep B.V. Vertical spigot joint. 4,557,507, 12-10-85, Cl. 285-45.000.
Commandeur, Raymond; and Gurtner, Bernard, to Atochem. Compositions of polyarylalkane oligomers and process for their manufacture. 4,523,044, 6-11-85, Cl. 585-11.000.
Comment, Paul, to Favrot, Guy. Liquid spraying head. 4,519,528, 5-28-85, Cl. 222-396.000.
Commer, Johann; Neuhaus, Wulf-Dieter; and Schmidt, Volkmar, to Ruhrchemie Aktiengesellschaft. Apparatus for heating or cooling and in particular for drying finely particulate solids. 4,502,230, 3-5-85, Cl. 34-57.00E.
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Commercial Shearing, Inc.: *See—*
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Petro, John D., 4,519,420, Cl. 137-596.000.
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Quang, Dang V.; Sugier, Andre; Commereuc, Dominique; and Chauvin, Yves, 4,497,910, Cl. 518-700.000.
Seite, Claude; Commereuc, Dominique; and Chauvin, Yves, 4,511,743, Cl. 568-814.000.
Commette, Denis S.; and LaMonica, Eugene R., to Gusmer Corporation. Apparatus for dispensing a mixture of mutually reactive liquids. 4,523,696, 6-18-85, Cl. 222-135.000.
Commeyras, Auguste; Previero, Aldo; and Pugniere, Martine, to Centre National de la Recherche Scientifique; and Institut National de la Sante et de la Recherche Medicale. Process for the preparation of a free L α-amino acid. 4,540,792, 9-10-85, Cl. 548-344.000.
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Allemand, Louis-Rene ; Calvet, Jean; Cavan, Jean-Claude; and Thevenin, Jean-Claude, 4,552,431, Cl. 350-96.340.
Allemand, Robert; and Laval, Michel, 4,510,394, Cl. 250-483.100.
Andrie, Philippe; and Mimeur, Jacques, 4,509,263, Cl. 33-169.00R.
Angelie, Christian; Cauchetier, Michel; and Paris, Jacques, 4,505,791, Cl. 204-157.10R.

Aubert, Andre ; Valignat, Jean; and Wyon, Christophe, 4,504,553, Cl. 428-622.000.
Aubert, Jacques; Bethuel, Louis; and Carles, Maurice, 4,544,531, Cl. 423-19.000.
Aubert, Michel; and Renaux, Charley, 4,507,261, Cl. 376-270.000.
Auchapt, Pierre R.; and Ferlay, Aime J., 4,504,524, Cl. 427-230.000.
Auchapt, Pierre R.; and Mathieu, Daniel, 4,526,035, Cl. 73-439.000.
Audoin, Marcel; Fedeli, Jean-Marc; and Poujois, Robert, 4,543,564, Cl. 340-365.00C.
Averbuch, Marie-Therese; Durif-Varambon, Andre; Gauthier, Sylviane; Nicolau, Ion F.; and Peuzin, Jean C., 4,492,857, Cl. 250-211.00R.
Bardoux, Raymond; and Joffre, Henri, 4,538,071, Cl. 250-505.100.
Barraud, Andre ; and Leloup, Jean, 4,511,604, Cl. 427-402.000.
Batigne, Jean; Deslandes, Claude; Gillot, Jacques; and Tritten, Paul, 4,541,976, Cl. 264-69.000.
Bedu, Marcel; Farcy, Jean-Claude; and Goin, Christian, 4,496,873, Cl. 313-231.710.
Bedu, Marcel; and Rousseau, Thierry, 4,507,606, Cl. 324-158.00R.
Bergez, Pierre; Deguelte, Alain; and Seigneurin, Laurent, 4,545,964, Cl. 423-138.000.
Berthet, Jeanne; Blin, Marie-Francoise; Gaussens, Gilbert; and Noaillac, Jean R., 4,557,749, Cl. 71-64.110.
Billon-Pierron, Claude; Chavand, Jean; and Peccoud, Michel, 4,528,435, Cl. 219-69.00M.
Blanc, Jean-Paul; Fardouet, Claude; and Freslon, Alain, 4,528,910, Cl. 102-306.000.
Bompard, Bruno P.; and Bruyere, Alain, 4,536,930, Cl. 29-33.00K.
Bonnet, Bernard; Bressy, Roger; and Sevaille, Jean-Claude, 4,555,640, Cl. 307-115.000.
Bonnin, Michelle; Musikas, Claude; and Vitorge, Pierre, 4,496,523, Cl. 423-9.000.
Boshra-Riad, Mokhtar; Fedeli, Jean-Marc; Jouve, Hubert; and Mauduit, Daniel, 4,493,054, Cl. 365-36.000.
Boyer, Robert; and Duval, Claude, 4,517,462, Cl. 250-286.000.
Brachet, Alain; Figuet, Jacques; Guidez, Joel; and Lions, Noel, 4,519,978, Cl. 376-307.000.
Bruel, Michel; Escaron, Jean; and Labartino, Joseph, 4,508,056, Cl. 118-730.000.
Bruel, Michel; Floccari, Michel, deceased; and Michaud, Jean-Francois, 4,527,044, Cl. 219-121.0EB.
Bruel, Michel, 4,536,657, Cl. 250-492.200.
Buisson, Jacques; and Loitiere, Alain, 4,507,620, Cl. 330-307.000.
Cabrillat, Marie-Therese; and Lions, Noel, 4,492,667, Cl. 376-405.000.
Calame-Lonjean, Andre; and Naujalis, Pierre, 4,512,203, Cl. 73-863.810.
Canet, Roland; Delhaes, Pierre; Dupart, Eliane; Pacault, Adolphe; Pascal, Claude; and Manceau, Jean-Pierre, 4,535,317, Cl. 338-36.000.
Chaix, Jean E., 4,522,156, Cl. 122-34.000.
Chambaz, Bernard; Delapierre, Gilles; and Destannes, Louis, 4,532,016, Cl. 204-38.300.
Champon, Jacques; Maurice, Bruno; and Roumeguere, Michel, 4,554,568, Cl. 357-13.000.
Charon, Marie-Helene; Fromageot, Pierre; and Van Chuong, Paul P., 4,530,837, Cl. 514-18.000.
Charuau, Jean, 4,496,837, Cl. 250-303.000.
Chenevas-Paule, Andre; Cuchet, Robert; and Eloy, Jean-Francois, 4,529,617, Cl. 427-53.100.
Chometon, Pierre; and Dollfus, Jacques, 4,492,291, Cl. 188-377.000.
Clement, Gilles; Francois, Daniel; Marchal, Paul; and Moreau, Claude, 4,523,884, Cl. 414-8.000.
Clerc, Jean F.; and Robert, Jacques, 4,509,828, Cl. 350-333.000.
Clerc, Jean F., 4,541,690, Cl. 350-333.000.
Conche, Francois; and Naujalis, Pierre, 4,516,436, Cl. 73-863.850.
Cornu, Aime; and Perroud, Anne-Marie, 4,532,073, Cl. 252-492.000.
Costes, Didier, 4,508,678, Cl. 376-205.000.
Courtois, Guy; and Jaquen, Claude, 4,500,227, Cl. 405-128.000.
Dargent, Bruno, 4,533,431, Cl. 156-643.000.
David, Bernard; and Pigeon, Michel, 4,555,664, Cl. 324-225.000.
De Conto, Pierre; and Guipont, Raymond, 4,495,633, Cl. 378-55.000.
Detriche, Jean-Marie, 4,513,195, Cl. 219-124.340.
Devaure, Bernard, 4,513,402, Cl. 367-73.000.
Devillard, Jacques; and Granier, Jean, 4,541,985, Cl. 419-10.000.
de Villepoix, Raymond; Fages, Jean; Forges, Robert; Abbes, Claude; and Rouaud, Christian, 4,561,662, Cl. 277-229.000.
Dubust, Jean-Claude; Boncoeur, Marcel; and Hansz, Bernard, 4,505,945, Cl. 427-8.000.
Feutrel, Claude, 4,551,300, Cl. 376-364.000.
Fiori, Robert; Seyfried, Philippe; and Symard, Jose, 4,535,666, Cl. 83-795.000.
Fournie, Francois J. C.; and Deleuze, Christian J. A., 4,497,640, Cl. 55-16.000.
Frehaut, Joel; and Roche, Michel, 4,514,628, Cl. 250-299.000.
Gaussens, Gilbert; and Lemaire, Francis, 4,537,668, Cl. 204-159.170.
Geffroy, Jean; Glachet, Charles; Moulin, Maurice; and Noel, Jean P., 4,491,717, Cl. 219-121.0LG.
Genies, Eugene, 4,547,439, Cl. 429-105.000.
Gillier, Hugues; Redasse, Jean-Claude; and Renaut, Maurice, 4,492,116, Cl. 73-432.00R.
Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,493,598, Cl. 414-1.000.
Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,549,839, Cl. 414-7.000.
Guittet, Jack; Marchal, Paul; Micaelli, Alain; and Vertut, Jean, 4,510,574, Cl. 364-513.000.
Herbreteau, Louis; and Le Roy, Alain, 4,554,546, Cl. 343-5.00W.
Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, 4,514,371, Cl. 423-449.000.
Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, 4,525,337, Cl. 423-449.000.
Jeuch, Pierre, 4,505,030, Cl. 29-591.000.
Jeuch, Pierre, 4,518,629, Cl. 427-89.000.
Jeuch, Pierre, 4,541,892, Cl. 156-643.000.
Jeuch, Pierre; Lazzari, Jean-Pierre; and Parrens, Pierre, 4,544,445, Cl. 156-643.000.
Jouve, Hubert; and Magnin, Joel, 4,525,807, Cl. 365-36.000.
Jouve, Hubert; and Magnin, Joel, 4,535,422, Cl. 365-36.000.
Juvin, Didier; and Dupeyrat, Benoit, 4,545,067, Cl. 382-21.000.
Kerviel, Hildebert; and Poulard, Serge, 4,554,031, Cl. 149-19.300.
Laporte, Philippe; and Peccoud, Louise, 4,491,496, Cl. 156-345.000.
Laviron, Andre; and Berard, Claude, 4,520,309, Cl. 324-73.00R.
Laviron, Andre; and Berard, Claude, 4,547,861, Cl. 364-715.000.
Leclercq, Joseph, 4,535,523, Cl. 29-402.080.
Le Coq, Gerard; and Soussaline, Francoise, 4,539,639, Cl. 364-414.000.
Le Pargneux, Jacques; Bonnamour, Michel; and Filary, Gerard, 4,558,504, Cl. 29-452.000.
Loriot, Pierre; Rendu, Michel; and Rousseau, Jean, 4,493,813, Cl. 376-409.000.
Nguyen-Thanh, Thong, 4,505,329, Cl. 165-81.000.
Peuzin, Jean C., 4,493,563, Cl. 374-121.000.
Picard, Bernard, 4,558,948, Cl. 356-124.000.
Pigeon, Michel; and Saglio, Robert, 4,521,150, Cl. 414-749.000.
Plaige, Yves, 4,562,035, Cl. 376-215.000.
Potard, Claude; and Dusserre, Pierre, 4,539,173, Cl. 264-570.000.
Potard, Claude, 4,546,811, Cl. 164-66.100.
Pougnet, Philippe, 4,507,754, Cl. 365-19.000.
Rion, Jacky, 4,505,877, Cl. 376-352.000.
Robert, Andre, 4,518,816, Cl. 174-3.000.
Schnedecker, Guy; and Mougin, Jacques, 4,518,635, Cl. 427-232.000.
Tircot, Michel, 4,506,510, Cl. 62-3.000.
Vayra, Jean, 4,552,173, Cl. 137-490.000.
Zava, Francis; and Coppa, Louis, 4,559,820, Cl. 73-161.000.
Zuber, Thierry; and Traiteur, Rene, 4,550,688, Cl. 122-360.000.

Commissioner for Main Roads, The: *See—*
Scrivener, Stephen P.; Smith, Wallace D.; Mansell, Mark L.; and Campbell, Neville D., 4,502,327, Cl. 73-146.000.

Commodore Business Machines, Inc.: *See—*
Charpentier, Albert J.; Redfield, James W.; and DiOrio, David W., 4,551,682, Cl. 328-22.000.
Redfield, James W.; and Charpentier, Albert J., 4,561,659, Cl. 273-313.000.
Redfield, James W., 4,562,365, Cl. 307-471.000.

Common Sense Products Pty. Ltd.: *See—*
Jensen, Henning, 4,519,657, Cl. 339-15.000.

Commons, Thomas J.; and Potoski, John R., to American Home Products Corporation. 2-(3-amino-5-isoxazolyl)-2-oxyimino-acetic acids. 4,526,977, 7-2-85, Cl. 548-246.000.

Commonwealth Aluminum Corporation: *See—*
Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., 4,544,469, Cl. 204-243.00R.

Commonwealth Edison Company: *See—*
Burkum, Merlin E.; and O'Regan, Timothy M., 4,536,704, Cl. 324-52.000.
Burkum, Merlin E.; and O'Regan, Timothy M., 4,540,935, Cl. 324-52.000.
Kang, Chang E.; Lowry, L. Alan; and Burkum, Merlin E., 4,546,309, Cl. 324-52.000.

Commonwealth Moulding Pty. Limited: *See—*
Bushby, Maxwell J., 4,501,376, Cl. 220-298.000.

Commonwealth of Australia, The: *See—*
Bolton, James O., 4,541,590, Cl. 244-3.200.
Carpenter, Allan L., 4,491,939, Cl. 367-20.000.
Galbreath, Ronald E.; and Harrison, Bruce R., 4,539,701, Cl. 382-1.000.
Hill, John W., 4,535,716, Cl. 114-221.00R.
Kuzma, Janusz, 4,516,820, Cl. 339-48.000.
Linklater, Peter M.; and Browning, George W., 4,521,433, Cl. 426-36.000.
Ludowyk, Christopher J., 4,494,013, Cl. 307-241.000.
Parmington, Ben; and Catchpole, Brian G., 4,526,141, Cl. 123-51.0BA.
Patrick, James F.; Crosby, Peter A.; Kuzma, Janusz A.; and Money, David K., 4,522,209, Cl. 128-419.00R.
Penny, Michael F.; Woodcock, Brian; Abbot, Ralph H.; Phillips, David M.; and Spaans, Leendert B., 4,518,254, Cl. 356-5.000.
Richards, James, 4,507,785, Cl. 372-12.000.
Richards, James, 4,546,477, Cl. 372-12.000.
Robinson, Paul R., 4,520,711, Cl. 89-1.50D.
Whiting, James F.; and Koch, Rolf H. L., 4,509,368, Cl. 73-624.000.

Commonwealth of Australia Department of Defense Support, The: *See—*
Bruce-Walker, Patrick, 4,558,790, Cl. 212-77.000.

- Commonwealth of Australia, Dept. of Science & Technology: *See—*
  - Crosby, Peter A.; Daly, Christopher N.; Money, David K.; Patrick, James F.; Seligman, Peter M.; and Kuzma, Janusz A., 4,532,930, Cl. 128-419.00R.
- Commonwealth of Australia Secretary of Industry and Commerce, The: *See—*
  - Patrick, James F.; Seligman, Peter; Tong, Yit C.; and Clark, Graeme M., 4,515,158, Cl. 128-419.00R.
- Commonwealth Scientific and Industrial Research Organization: *See—*
  - Antonovsky, Ariel D., 4,560,872, Cl. 250-310.000.
  - Belin, Rudolf E.; Boyce, William F.; and Feehan, John D., 4,519,195, Cl. 57-3.000.
  - Bez, Eckhard; and Farrant, John L., 4,560,327, Cl. 417-493.000.
  - Curtain, Cyril C.; and Snook, Harvey, 4,554,390, Cl. 568-870.000.
  - George, Christopher W.; Sinha, Hari N.; Vujcich, Mary R.; and Walker, Graham S., 4,524,054, Cl. 423-308.000.
  - Holan, George; and Walser, Reimund A., 4,540,710, Cl. 514-521.000.
  - Jellinek, Thomas, 4,520,143, Cl. 523-410.000.
  - Liberts, Sandra; Creer, Jack G.; and Mole, Thomas, 4,554,393, Cl. 585-322.000.
  - Masters, Anthony F.; and Cavell, Kingsley J., 4,533,651, Cl. 502-117.000.
  - Park, Robert J.; and Leppik, Raymond A., 4,528,272, Cl. 435-55.000.
- CommScope Company: *See—*
  - Gupta, Chakra V., 4,515,992, Cl. 174-102.00R.
- Communication Architecture and Building Research Corporation: *See—*
  - Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
  - Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.
- Communication Intelligence Corporation: *See—*
  - Crane, Hewitt D.; Ostrem, John S.; and Edberg, Peter K., 4,531,231, Cl. 382-13.000.
  - Crane, Hewitt D.; and Ostrem, John S., 4,561,105, Cl. 382-13.000.
- Communications Design Group, Inc.: *See—*
  - Stephens, Kenneth D., 4,513,293, Cl. 343-840.000.
- Communications Packaging Corporation: *See—*
  - Rose, Robert D., Jr., 4,501,361, Cl. 206-493.000.
- Communications Patents Limited: *See—*
  - Gargini, Eric J.; and Baker, Henry L., 4,538,174, Cl. 358-86.000.
- Communications Satellite Corporation: *See—*
  - Childs, William H., 4,500,856, Cl. 332-9.00R.
  - Snyder, John S., Jr., 4,519,080, Cl. 371-43.000.
  - Virupaksha, Krishnamoorthy; and Suyderhoud, Henri G., 4,500,842, Cl. 328-150.000.
  - Virupaksha, Krishnamoorthy; and Campanella, Samuel J., 4,501,001, Cl. 375-30.000.
- Communications Technology Corporation: *See—*
  - Dagan, Gideon B.; and Waas, Charles W., 4,523,061, Cl. 200-17.00R.
- Communications Test Design, Inc.: *See—*
  - Parsons, Donald F.; Parsons, Gerald J.; Greenwald, Brian D.; and Parsons, Elizabeth A., 4,540,857, Cl. 179-175.210.
- Community Light & Sound Inc.: *See—*
  - Wiggins, John T., 4,508,941, Cl. 179-115.5PC.
- Comnix Kabushiki Kaisha: *See—*
  - Sasano, Nakamichi, 4,554,415, Cl. 179-170.00G.
- Comolli, Alfred G.; and Hippo, Edwin J., to HRI, Inc. Coal catalytic hydrogenation process using direct coal slurry feed to reactor with controlled mixing conditions. 4,495,055, 1-22-85, Cl. 208-10.000.
- Comp Equipment Corporation: *See—*
  - Votel, Thomas W., 4,559,042, Cl. 604-192.000.
- Compagnie de Construction Mecanique Sulzer: *See—*
  - Mallen-Herrero, Jose; Leroy, Daniel; Zimmermann, Urs; and Charlat, Patrice, 4,492,541, Cl. 418-23.000.
  - Mallen-Herrero, Jose ; and Leroy, Daniel, 4,503,928, Cl. 180-308.000.
  - Mallen-Herrero, Jose ; Leroy, Daniel; Zimmermann, Urs; and Charlat, Patrice, 4,561,831, Cl. 418-28.000.
- Compagnie de Materiel de Micrographie C.M.M.: *See—*
  - Gresse, Herve R.; and Carn, Annick R., 4,498,735, Cl. 350-138.000.
- Compagnie de Materiel et d'Equipements Techniques C.O.M.E.T.: *See—*
  - Moryl, Richard; and Bouery, Roger, 4,531,870, Cl. 411-108.000.
- Compagnie de Signaux et d'Entreprises Electriques: *See—*
  - Deprez, Louis, 4,523,265, Cl. 363-21.000.
  - Le Hong, Son; and Martin, Henri, 4,548,220, Cl. 133-3.00H.
- Compagnie d'Electronique et de Piezo-Electricite: *See—*
  - Berte, Marc; Bidard, Louis; and Lechopier, Serge, 4,517,485, Cl. 310-320.000.
  - Chauvin, Jacques; and Molle, Roger, 4,540,956, Cl. 331-116.00R.
- Compagnie des Montres Longines Francillon S.A.: *See—*
  - Schaffer, Rudolf, 4,551,725, Cl. 343-6.5SS.
- Compagnie des Produits Industriels de l'Ouest: *See—*
  - Billet, Maurice; and Lallement, Serge, 4,556,399, Cl. 464-175.000.
  - Sarrazin, Jean-Michel; and Chessel, Bernard, 4,495,740, Cl. 52-309.100.
- Compagnie d'Informatique Militaire Spatiale & Aeronautique: *See—*
  - Chevrel, Roger; Attard, Michel; and Leviandier, Michel, 4,515,491, Cl. 400-693.000.
  - Val, Christian, 4,546,028, Cl. 428-116.000.
  - Val, Christian, 4,553,020, Cl. 219-209.000.
- Compagnie Electro-Mecanique: *See—*
  - Hennevin, Bernard, 4,555,754, Cl. 363-132.000.
- Compagnie Europeenne d'Accumulateurs: *See—*
  - Bardin, Roland; Mack, Joel; and Counioux, Jean-Jacques, 4,525,327, Cl. 420-565.000.
  - Mirebeau, Pierre; and Gindre, Jean, 4,555,458, Cl. 429-203.000.
- Compagnie Europeenne de Teletransmission C.E.T.T.: *See—*
  - Tonello, Marc, 4,536,748, Cl. 340-506.000.
- Compagnie Francaise de l'Azote Cofaz: *See—*
  - Mouille , Bernhard; and Durand, Michel, 4,521,390, Cl. 423-239.000.
- Compagnie Francaise de Produits Industriels: *See—*
  - Schapira, Joseph; Ken, Victor; and Dauptain, Jean-Loup, 4,497,666, Cl. 148-6.15R.
- Compagnie Francaise de Raffinage: *See—*
  - Atlani, Martial; Loutaty, Roben; Wakselman, Claude; and Yacono, Charles, 4,504,287, Cl. 55-53.000.
  - Barthez, Roland; Boissonnet, Francisque; and Bogo, Rene, 4,531,510, Cl. 126-419.000.
  - Bourgogne, Michel; Guth, Jean-Louis; Szabo, Georges; and Wey, Raymond, 4,496,528, Cl. 423-328.000.
  - Bourgogne, Michel; Guth, Jean-Louis; and Wey, Raymond, 4,503,024, Cl. 423-328.000.
  - Cannaux, Guy; and Calvet, Gerard, 4,541,413, Cl. 126-422.0[illegible]
  - Marty, Claude; and Engelhard, Philippe, 4,520,225, Cl. 585-832.000.
- Compagnie Francaise d'Enterprises Metalliques: *See—*
  - Laplante, Gilbert, 4,535,971, Cl. 254-108.000.
- Compagnie Francaise des Petroles: *See—*
  - Baggio, Jean-Louis; and Saintherant, Patrice, 4,526,596, Cl. 62-40.000.
  - Chaouloff, Michel; Bernicot, Michel; Douineau, Pierre; and Boret, Roger, 4,519,416, Cl. 137-488.000.
  - de Sivry, Bruno; Sudreau, Bernard; Jegousse, Michel; and Le Hir, Yves, 4,493,966, Cl. 219-121.0EC.
  - Despax, Damien M.; Brisou, Jean-Francois; and Castellani, Michel F., 4,558,592, Cl. 73-151.000.
  - Fournie, Francois J. C.; and Deleuze, Christian J. A., 4,497,640, Cl. 55-16.000.
  - Helderle, Paul M.; Arnaud, Fabrice R.; and Le Nours, Yannick, 4,560,005, Cl. 166-332.000.
  - Lefebvre, Herve M.; and Helderle, Paul M., 4,518,036, Cl. 166-105.000.
  - Marais, Lionel, 4,520,886, Cl. 173-135.000.
  - Quin, Rene ; Wiet, Paul; and Migliarese-Caputi, Jean-Louis, 4,561,248, Cl. 60-413.000.
  - Quin, Rene A.; Wiet, Paul A.; and Caputi, Jean-Louis M., 4,505,295, Cl. 137-315.000.
  - Quin, Rene A.; Wiet, Paul; and Migliarese-Caputi, Jean-Louis, 4,506,863, Cl. 251-149.900.
  - Vigouroux, Georges; Fort, Gilbert; and Soleille, Louis, 4,553,600, Cl. 166-343.000.
- Compagnie Francaise d'Etudes et de Construction "Technip" : *See—*
  - Coquil, Bernard; and Monta, Alain, 4,531,918, Cl. 434-118.000.
  - Paradowski, Henri; and Leroux, Didier, 4,539,028, Cl. 62-9.000.
- Compagnie Generale de Constructions Telephoniques: *See—*
  - Meunier, Bernard; and Gradeler, Eric, 4,504,702, Cl. 179-99.00A.
  - Meunier, Bernard, 4,535,202, Cl. 179-18.0FA.
- Compagnie Generale de Geophysique: *See—*
  - Beauducel, Claude; Cretin, Jacques; Ausset, Alain; and Ringot, Gabriel, 4,503,526, Cl. 367-20.000.
  - Cretin, Jacques; and Beauducel, Claude, 4,523,191, Cl. 340-825.520.
  - Manin, Michel, 4,508,191, Cl. 181-107.000.
  - Rocroi, Jean-Pierre C.; and Gole, Francois V., 4,535,293, Cl. 324-336.000.
- Compagnie Generale de Radiologie: *See—*
  - Klausz, Remy, 4,530,109, Cl. 378-8.000.
- Compagnie Generale d'Electricite: *See—*
  - Belouet, Christian, 4,520,752, Cl. 118-405.000.
  - Fauvarque, Jean-Francois; Jutand, Anny; Chevrot, Claude; Pfluger, Fernando; and Troupel, Michel, 4,517,061, Cl. 204-59.00R.
  - Lacour, Bernard; Maillet, Marc; de Witte, Olivier; and Vannier, Chantal, 4,495,631, Cl. 372-38.000.
  - Lacour, Bernard; Maillet, Marc; Vannier, Chantal; and de Witte, Olivier, 4,509,174, Cl. 372-82.000.
  - Lavarini, Bernard, 4,520,486, Cl. 372-95.000.
  - le Mehaute, Alain; Hamaide, Thierry; Crepy, Gilles; and Marcellin, Georges, 4,556,614, Cl. 429-191.000.
- Compagnie Generale des Etablissements Michelin: *See—*
  - Ancel, Christian; and Philibert, Pierre, 4,549,594, Cl. 152-359.000.
  - Faure, Raymond, 4,517,848, Cl. 73-862.520.
  - Freppel, Christian, 4,507,451, Cl. 526-136.000.
  - Gouttebessis, Jacques, 4,523,619, Cl. 152-527.000.
  - Jamon, Jacques, 4,508,196, Cl. 188-1.110.
  - Mioche, Robert, 4,513,648, Cl. 83-871.000.
  - Mioche, Robert, 4,515,548, Cl. 425-308.000.
  - Mioche, Robert, 4,560,338, Cl. 425-308.000.
  - Pommier, Jean, deceased, 4,520,856, Cl. 152-454.000.
  - Pompier, Jean-Pierre, 4,554,960, Cl. 152-450.000.
  - Schneider, Andre, 4,501,578, Cl. 474-201.000.
- Compagnie Generale des Matieres Nucleaires: *See—*
  - Perdijon, Jean, 4,557,145, Cl. 73-621.000.

Compagnie Generale pour les Developpements Operationnels des Richesses sous-Marines "C.G. Doris": *See—*
  Lamy, Jacques E.; and Serrano, Francisco de Asis M., 4,556,004, Cl. 114-61.000.
Compagnie Industrielle de Mecanismes: *See—*
  Canadas, Jean C.; and Vigo, Gilles, 4,518,192, Cl. 296-97.00H.
  Chevalier, Claude, 4,556,263, Cl. 308-6.00R.
  Crossonneau, Denis, 4,549,771, Cl. 308-3.00R.
  Dauvergne, Jean, 4,554,763, Cl. 49-349.000.
  Parizet, Roger, 4,495,827, Cl. 74-89.180.
  Parizet, Roger, 4,534,532, Cl. 248-371.000.
  Periou, Pierre; and Dauvergne, Jean, 4,541,258, Cl. 70-263.000.
Compagnie Industrielle des Telecommunications Cit-Alcatel: *See—*
  Albouy, Pierre; Salahun, Yves; Botquin, Francois; and Cordani, Roberto, 4,540,852, Cl. 179-18.0FA.
  Albouy, Pierre, 4,540,853, Cl. 179-18.0FA.
  Beduchaud, Michel; and Playe, Patrice, 4,514,078, Cl. 355-3.0BE.
  Caizergues, Paul; and Martin, Maurice, 4,491,944, Cl. 370-58.000.
  de Bergh, Guy, 4,552,996, Cl. 179-175.20C.
  Delpit, Philippe; Duplessis, Philippe; and Renaudin, Yves, 4,510,601, Cl. 370-110.300.
  Dupuis, Bernard; and Behague, Francois, 4,499,575, Cl. 370-58.000.
  Favrel, Jean-Paul; Ouss, Jean; and Pocheau, Jean-Marc, 4,546,469. Cl. 370-77.000.
  Khimeche, Abdel-Cader; and Kemler, Marc, 4,493,076, Cl. 371-11.000.
  Morel, Jacques; and Tallon, Jacques, 4,510,792, Cl. 73-40.700.
  Roche, Georges; and Lantaires, Jacques, 4,530,152, Cl. 29-588.000.
  Saulgeot, Claude, 4,512,725, Cl. 417-366.000.
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  Ugon, Michel, 4,556,958, Cl. 364-200.000.
Compagnie Internationale des Pieux Armes Frankignoul: *See—*
  Braatvedt, Ian H., 4,544,515, Cl. 264-32.000.
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  Faugeras, Philippe, 4,531,205, Cl. 369-13.000.
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  Binder, Jean-Jacques; and Cherbuy, Bernard, 4,538,321, Cl. 15-306.00R.
  Cassonnet, Jean-Claude M.; and Lamarche nee Lechevin, Marie-Odile, 4,511,983, Cl. 364-200.000.
  Eltgen, Jean J., 4,500,293, Cl. 434-114.000.
  Gueugnon, Catherine; and Bernstein, Pierre, 4,514,082, Cl. 355-54.000.
  Lazzari, Jean-Pierre, 4,510,544, Cl. 360-114.000.
  Pon, Francois; Voirin, Jean-Philippe; and Lucan, Andre, 4,514,484, Cl. 430-106.600.
  Saada, Charles; and Mollier, Jean, 4,549,075, Cl. 235-380.000.
  Takats, Gilbert; and Dumay, Gerald, 4,495,568, Cl. 364-200.000.
  Ugon, Michel; and Nonat, Jean-Pierre, 4,523,297, Cl. 364-900.000.
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  Van Hijfte, Willy H. P.; and Vanmarcke, Luc A., 4,500,336, Cl. 71-29.000.
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  Lindgren, Per, 4,552,338, Cl. 254-134.3FT.
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Comparetto, John E. Bone wedge guidance system. 4,501,268, 2-26-85, Cl. 128-92.00E.
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Compen, Johannes M. A. A.; and Maan, Cornelis, to U.S. Philips Corporation. Display screen having aluminum phosphate barrier layer and method of manufacture. 4,551,652, 11-5-85, Cl. 313-466.000.
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Comper, Louis F.: *See—*
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Completion Tool Company: *See—*
  Wood, Edward T., 4,492,383, Cl. 277-34.000.
  Wood, Edward T.; and Sodich, Ernest O., 4,527,625, Cl. 166-187.000.
Compmail Systems, Inc.: *See—*
  Parthasarathi, Thiruvenkata R., 4,545,178, Cl. 53-435.000.
Component Marking Systems, Inc.: *See—*
  Pink, Frederick C., 4,494,456, Cl. 101-35.000.
Componentes Electronicos SA-C.S.A.: *See—*
  Sansa, Jose V., 4,562,514, Cl. 361-433.000.
Componenti Grafici S.r.l.: *See—*
  Molinatto, Bruno, 4,510,865, Cl. 101-153.000.
Composite Container Corporation: *See—*
  Bonis, Laszlo J., 4,497,857, Cl. 428-35.000.
  Bonis, Laszlo J., 4,551,365, Cl. 428-35.000.
Composite Technology, Inc.: *See—*
  Green, Andrew, 4,504,343, Cl. 156-177.000.
Compression Labs, Inc.: *See—*
  Tescher, Andrew G., 4,541,012, Cl. 358-133.000.
Compressor Controls Corporation: *See—*
  Staroselsky, Naum; and Mirsky, Saul, 4,494,006, Cl. 290-4.000.
Comptech, Incorporated: *See—*
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Compton, David J.: *See—*
  Nix, Richard; and Compton, David J., 4,516,748, Cl. 248-1.000.
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  Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., 4,557,952, Cl. 427-432.000.
Compton, Warren L. Truck cover. 4,516,802, 5-14-85, Cl. 296-98.000.
Compton, Warren R.: *See—*
  Vetter, Ronald F.; Hicks, Theodore A.; and Compton, Warren R., 4,494,373, Cl. 60-253.000.
CompuSonics Corporation: *See—*
  Schwartz, David M., 4,559,570, Cl. 360-77.000.
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  Schmidt, Frederick W., 4,493,081, Cl. 371-38.000.
Computer Basic Technology Research Association: *See—*
  Hirai, Osamu; Kobayashi, Tetsuo; Kuwatsuka, Shunichiro; and Suzuki, Saburo, 4,550,353, Cl. 360-125.000.
  Narishige, Shinji; Yoshinari, Tsuneo; Sato, Mituo; Takagi, Masayuki; and Yoshida, Toshihiro, 4,516,180, Cl. 360-126.000.
  Yoshida, Shigemasa; and Araki, Ichiro, 4,510,537, Cl. 360-78.000.
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Computer Election Systems: *See—*
  Thayne, Stephen W., 4,504,735, Cl. 235-50.00A.
Computer Gesellschaft Konstanz mbH: *See—*
  Kochert, Wilfried, 4,551,851, Cl. 382-38.000.
Computer Identification Systems, Inc.: *See—*
  Parkinson, Dean B.; and Bergren, Orton D., 4,519,632, Cl. 283-75.000.
  Parkinson, Dean B., 4,544,183, Cl. 283-85.000.
Computer Memories, Incorporated: *See—*
  Quackenbush, James E., 4,528,514, Cl. 330-146.000.
Computer Peripherals Inc.: *See—*
  Messenger, Carl, 4,523,133, Cl. 318-7.000.
Computer Services Corporation: *See—*
  Takiguchi, Kiyoaki; and Takano, Seigo, 4,535,895, Cl. 209-683.000.
Computer Sign Systems Limited: *See—*
  Goldman, Saul, 4,558,300, Cl. 340-286.00M.
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ComSonics, Inc.: *See—*
  Shimp, Richard L.; and Zimmerman, Dennis A., 4,491,968, Cl. 455-67.000.
  Shimp, Richard L., 4,494,138, Cl. 358-86.000.
Comstock, Bluford M., to ConferTech International, Inc. Digital teleconferencing control device, system and method. 4,541,087, 9-10-85, Cl. 370-62.000.
Comstock, Harold N. Locking means for battery, etc. 4,495,787, 1-29-85, Cl. 70-258.000.
Comstock, Robert H.; Curtiss, William P.; and Fulton, Donald E., to IMEC Corporation. Motion control system with adaptive deceleration. 4,506,321, 3-19-85, Cl. 364-174.000.
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Comtech Research: *See—*
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  Humberstone, Victor C., 4,524,116, Cl. 430-31.000.
  Humberstone, Victor C.; and Fisher, John H., 4,532,197, Cl. 430-41.000.
Comtech Telecommunications Corp.: *See—*
  Di Cicco, Thomas A., 4,517,526, Cl. 330-284.000.
  Scala, John; and Reuter, William, 4,551,689, Cl. 331-2.000.
Comtois, Raoul. Furnace for burning flammable particles. 4,545,309, 10-8-85, Cl. 110-300.000.
Comus International Corp.: *See—*
  Romano, Robert P., 4,536,727, Cl. 335-54.000.
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  Doyle, Edward J., 4,520,256, Cl. 219-225.000.
  Pajak, Witold, 4,561,455, Cl. 132-37.00R.

Conard, Bruce R.: *See—*
Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., 4,534,935, Cl. 419-23.000.
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Bell, James A. E.; Conard, Bruce R.; and Hope, Douglas A., 4,551,184, Cl. 148-127.000.
Conard, Wendell R.: *See—*
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Hayes, Robert A.; and Conard, Wendell R., 4,529,770, Cl. 524-445.000.
Kay, Edward L.; Gutierrez, Richard; and Conard, Wendell R., 4,559,378, Cl. 524-147.000.
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Miller, Francis M., 4,513,248, Cl. 324-439.000.
Conbraco Industries, Inc.: *See—*
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Concast AG: *See—*
Navarro, Carlos R., 4,523,672, Cl. 198-461.000.
Concast Incorporated: *See—*
Langner, Carl; Poran, Michael; and Szarka, Geza, 4,518,074, Cl. 198-425.000.
Poran, Michael; Langner, Carl; and Tobiasz, Chester C., 4,516,624, Cl. 164-418.000.
Concast Service Union AG: *See—*
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Zeller, Josef, 4,505,321, Cl. 164-491.000.
Concentric Pumps Limited: *See—*
Child, Robin E., 4,540,347, Cl. 417-310.000.
Conceptual Arts, Ltd.: *See—*
Fitzsimmons, Christine M., 4,542,055, Cl. 428-102.000.
Conche, Francois; and Naujalis, Pierre, to Commissariat a l'Energie Atomique. Liquid sampling bench. 4,516,436, 5-14-85, Cl. 73-863.850.
Conciatori, Anthony B.; Choe, Eui W.; and Farrow, Gerald, to Celanese Corporation. Thermoset resin produced from anisotropic heat-curable acrylic-terminated monomers. 4,514,553, 4-30-85, Cl. 526-323.100.
Conciatori, Anthony B.: *See—*
Choe, Eui W.; Conciatori, Anthony B.; and Ward, Bennett C., 4,506,068, Cl. 528-207.000.
Choe, Eui W.; and Conciatori, Anthony B., 4,533,725, Cl. 528-336.000.
Choe, Eui W.; and Conciatori, Anthony B., 4,535,144, Cl. 528-207.000.
Conco Inc.: *See—*
Yoon, Heeyoung, 4,519,342, Cl. 123-3.000.
Concoco Inc.: *See—*
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Concord, Inc.: *See—*
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Concord Tool and Machine Company: *See—*
Ng, Min-Hing, 4,534,474, Cl. 211-70.000.
Concrete Pipe & Products Corp.: *See—*
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Melfi, Nicholas W., 4,558,850, Cl. 256-24.000.
Condair AG: *See—*
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Ruoss, Erwin; and Sieber, Kurt, 4,508,551, Cl. 55-263.000.
Condar Co.: *See—*
Barnett, Stockton G., 4,502,395, Cl. 110-214.000.
Conde, Henry. Impact absorbing parking space barrier. 4,535,974, 8-20-85, Cl. 256-1.000.
Condea Chemie GmbH: *See—*
Meyer, Arnold; and Noweck, Klaus, 4,542,113, Cl. 502-8.000.
Condell, William J., Jr., to United States of America, Navy. Free electron laser device for scanning a spatial field. 4,543,655, 9-24-85, Cl. 372-2.000.
Condesin, Inc.: *See—*
Christensen, Alton O., 4,498,952, Cl. 156-643.000.
Conditt, John E.: *See—*
Morcerf, Lester A.; Kiefer, Charles E.; Jones, Gary W.; and Conditt, John E., 4,491,966, Cl. 455-32.000.
Condon, Charles E., Jr.; and Malik, J. Peter, to Torrington Company, The. Bearing cup with external restraining flange. 4,512,673, 4-23-85, Cl. 384-569.000.
Condon, Larry J. Heater using hot waste flue gases. 4,524,910, 6-25-85, Cl. 237-81.000.
Condra, Janet S.: *See—*
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Condrac, Edward J.: *See—*
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Condy, Robert J. Variable capacity reusable dual tape dispensing cartridge. 4,531,690, 7-30-85, Cl. 242-197.000.
Cone, Richard E., to Spalding & Evenflo Companies, Inc. Booster seat. 4,521,052, 6-4-85, Cl. 297-3.000.
Cone, Stanley H.: *See—*
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Conee, Paul T. Camera support cushion. 4,501,401, 2-26-85, Cl. 248-346.000.
Cones, Charles F. Exercise bicycle. 4,509,742, 4-9-85, Cl. 272-73.000.
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Richardson, David A.; and Coney, Michael H., 4,497,610, Cl. 415-116.000.
Confer, Richard G., to American Sterilizer Company. Mask/microphone system for voice actuated control. 4,537,276, 8-27-85, Cl. 181-21.000.
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Confloat Consulting Ltd.: *See—*
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Confon AG: *See—*
Ippen, Heiko, 4,543,452, Cl. 179-90.00B.
Congdon, James S., to GenRad, Inc. Enhanced-accuracy semiconductor power amplifier. 4,523,154, 6-11-85, Cl. 330-266.000.
Congdon, John C., to Magnavox Government and Industrial Electronics Company. Method and apparatus for a phased array transducer. 4,546,459, 10-8-85, Cl. 367-155.000.
Congleton, Jerome J. Neutral body posture chair. 4,552,404, 11-12-85, Cl. 297-330.000.
Congoleum Corporation: *See—*
Ehrenfeld, Frank E., Jr., 4,500,319, Cl. 8-114.500.
Schmidle, Claude J.; and Varadhachary, Seevaram N., 4,491,616, Cl. 428-158.000.
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Conjerti, Samuel N.: *See—*
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Conklin, Charles E.: *See—*
Bruce, Duncan; and Conklin, Charles E., 4,538,033, Cl. 179-175.000.
Conklin, Delano M.; Hodgin, John B.; and Illman, Walter F., to Burlington Industries, Inc. Hot melt size applying. 4,540,610, 9-10-85, Cl. 427-434.500.
Conklin Instrument Corporation: *See—*
Bruce, Duncan; and Conklin, Charles E., 4,538,033, Cl. 179-175.000.
Conklin, Russell W.: *See—*
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Conley, Edwin E. Pre-stressed fiber-resin sucker rod and method of making same. 4,522,529, 6-11-85, Cl. 403-343.000.
Conley, Eugene E.: *See—*
Cohn, David B.; and Conley, Eugene E., 4,555,787, Cl. 372-86.000.
Conley, James R.: *See—*
Curtis, Richard D.; and Conley, James R., 4,535,390, Cl. 362-179.000.
Conley, John L. Device and method for securing overlapping corrugated sheets. 4,554,773, 11-26-85, Cl. 52-521.000.
Conley, Lyle N.: *See—*
Caudill, Eddie T.; Caudill, Richard T.; and Conley, Lyle N., 4,518,826, Cl. 179-37.000.
Conley, Michael G.: *See—*
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Conley, Richard W.; Tremblay, Richard P.; Bolam, Charles W.; Logan, James E.; and Krueger, David A., to Kerotest Manufacturing Corp. Plastic service valve. 4,511,120, 4-16-85, Cl. 251-288.000.
Conley, Richard W.: *See—*
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Conley, William J. Booster cable assembly. 4,496,204, 1-29-85, Cl. 339-29.00B.
Conley, William R.: *See—*
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Conlin Bros., Inc.: *See—*
Kirkland, Alvin E., 4,554,681, Cl. 2-2.000.
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Sundberg, Jack G.; Schaffner, John P.; and Conlon, Daniel J., 4,500,268, Cl. 418-1.000.
Conlon, Thomas J. Label construction. 4,551,373, 11-5-85, Cl. 428-43.000.
Conly, Ralph A.; and Latimer, Stanley M., to Ampex Corporation. Multiple leg multichannel magnetic transducer structure and method of manufacturing. 4,533,967, 8-6-85, Cl. 360-123.000.
Conma, N.V.: *See—*
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Conmaco, Inc.: *See—*
Chappelow, Cecil C., Jr.; and Byerley, Thomas J., 4,513,828, Cl. 173-139.000.
Conn, Andrew F.; Lindenmuth, William T.; and Frederick, Gary S., to Tracor Hydronautics, Inc. Fluid jet apparatus and method for cleaning tubular components. 4,508,577, 4-2-85, Cl. 134-1.000.
Conn, Donald M. Turn-on-red traffic signal. 4,558,299, 12-10-85, Cl. 340-81.00R.
Conn, James K.; and Patel, Sharadchandra D., to Harris Corporation. Modular beam waveguide. 4,504,806, 3-12-85, Cl. 333-241.000.
Conn, Shepard; and Kushner, Arnold. Fluid-expansible contraceptive tampon and applicator. 4,553,965, 11-19-85, Cl. 604-286.000.

- Conn, Sidney H., to Balloon Works, Inc., The. One-piece load line pocket for balloon. 4,529,153, 7-16-85, Cl. 244-126.000.
- Connaught Laboratories, Inc.: *See—*
  - Gordon, Lance K., 4,496,538, Cl. 424-92.000.
- Connaught Laboratories Limited: *See—*
  - Goosen, Mattheus F. A.; and Sun, Anthony M. F., 4,492,684, Cl. 424-19.000.
- Connecticut Artcraft Corporation: *See—*
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  - Viesturs, Eric A.; and Viesturs, Gundar E., 4,534,078, Cl. 5-452.000.
- Connell, David E.; and Chapman, Colin M., to Chevron Research Company. Hydrogen sulfide removal process. 4,511,544, 4-16-85, Cl. 423-224.000.
- Connell, David L.; and Coates, Jacqueline A., to Sandoz Ltd. Organic compounds. 4,501,672, 2-26-85, Cl. 252-8.50M.
- Connell, Joseph N.: *See—*
  - Branham, Tillman W., 4,527,111, Cl. 320-26.000.
- Connelly, Dale L. Cylinder driven reciprocator. 4,516,478, 5-14-85, Cl. 92-137.000.
- Connelly, Dale L., to United States of America, National Aeronautics and Space Administration. Light transmitting window assembly. 4,521,077, 6-4-85, Cl. 350-319.000.
- Connelly, Harold R., Jr. Converters for orthodontic treatment. 4,496,318, 1-29-85, Cl. 433-14.000.
- Connelly, Joseph A.: *See—*
  - Pena-Finol, Jesus S.; and Connelly, Joseph A., 4,546,275, Cl. 307-498.000.
- Connelly, Lawrence J.; and Selvarajan, Radhakrishnan, to Nalco Chemical Company. Flocculants for bauxite (red mud). 4,545,902, 10-8-85, Cl. 210-734.000.
- Connelly, Lawrence J.: *See—*
  - Sykes, Robert C.; Connelly, Lawrence J.; and Roe, William J., 4,555,329, Cl. 209-5.000.
- Connelly, Richard E., to Contractor Equipment Manufacturers, Inc. Resilient type exercising device with removable weights. 4,492,375, 1-8-85, Cl. 272-134.000.
- Connelly, Ronald F., to Combustion Engineering, Inc. Spar buoy escape system for offshore platforms. 4,527,503, 7-9-85, Cl. 114-365.000.
- Connelly Skis, Inc.: *See—*
  - Calapp, David E.; Ackert, Gail M.; and Brown, Roger J., 4,494,939, Cl. 441-70.000.
- Connelly, Will A. Television pulsed navigation system. 4,555,707, 11-26-85, Cl. 343-387.000.
- Conner, Bruce E. Electrochromic imaging apparatus. 4,500,174, 2-19-85, Cl. 350-357.000.
- Conner, Donald E.; and Klein, Kenneth, to Van Dyk & Company Inc. Liquid, cinnamal dialkyl malonates as sole organic sunscreens. 4,515,774, 5-7-85, Cl. 424-59.000.
- Conner, J. Keith: *See—*
  - Swanson, Harley D.; McAninch, Terry L.; and Conner, J. Keith, 4,548,608, Cl. 8-94.160.
- Conner, Jesse R., to Chem-Technics, Inc. Method for chemically solidifying and encapsulating hazardous wastes in one continuous operation. 4,518,507, 5-21-85, Cl. 210-747.000.
- Conner, Jesse R., to SolidTek Systems, Inc. Method for treating wastes by solidification. 4,518,508, 5-21-85, Cl. 210-751.000.
- Conner, Randall C., to American Cast Iron Pipe Company. Method of assembling a pipe joint. 4,524,505, 6-25-85, Cl. 29-453.000.
- Conner, William A., to Rockwell International Corporation. Measurement of oscillator spillover noise in a single sideband system. 4,539,709, 9-3-85, Cl. 455-67.000.
- Conner, William A., to Rockwell International Corporation. Method of predistorting a single sideband system. 4,561,111, 12-24-85, Cl. 455-63.000.
- Conner, William A.: *See—*
  - McClellan, W. Roy, III; Girvin, Richard J.; and Conner, William A., 4,503,562, Cl. 455-22.000.
- Conner, William R. Waistband indexing method and apparatus. 4,555,999, 12-3-85, Cl. 112-121.270.
- Connett, Michael: *See—*
  - Connett, Peter; Connett, Michael; and Blackwell, James B., 4,529,562, Cl. 264-464.000.
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- Connolly, James D. Method of removing slimes from slurries. 4,512,880, 4-23-85, Cl. 209-250.000.
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- Connolly, John F.: *See—*
  - Prater, Keith B.; Thrash, Robert J.; and Connolly, John F., 4,520,083, Cl. 429-101.000.
- Connolly, Joseph D.: *See—*
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- Connor, John, to ClearPlas Limited. Mirror. 4,530,571, 7-23-85, Cl. 350-629.000.
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- Connor, Larry W.: *See—*
  - Lubin, David; Connor, Larry W.; and Glass, Samuel W., 4,495,383, Cl. 179-100.00L.
- Connor, Philip J.: *See—*
  - Lersmacher, Bernhard; Wassall, Michael P.; and Connor, Philip J., 4,537,506, Cl. 356-312.000.
- Connors, Frank T., to Symons Corporation. Multi-panelled concrete forming structure for forming flat curved walls. 4,553,729, 11-19-85, Cl. 249-40.000.
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  - Newman, Richard W.; Connors, John D.; Kugler, Andrew J.; and Loeffler, Herbert H., 4,552,153, Cl. 128-677.000.
- Connors, Paul E. Footwear protector. 4,498,252, 2-12-85, Cl. 36-72.00B.
- Connors, Robert H.: *See—*
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  - Harvey, Kenneth; and Connors, Stephen T., 4,526,778, Cl. 424-52.000.
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  - Anderson, Ardis L., 4,504,274, Cl. 44-6.000.
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  - Benzing, William M.; Patterson, Waldo C.; and Cadle, Lawrence C., 4,542,487, Cl. 367-31.000.
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  - Brown, Graydon L., 4,549,630, Cl. 181-106.000.
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  - Catchen, Gary L., 4,493,999, Cl. 250-260.000.
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  - Coon, Julian B.; and Thomas, Bobby J., 4,523,651, Cl. 175-45.000.
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  - Doerr, Richard E., 4,553,881, Cl. 406-115.000.
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  - Edwards, Don L., 4,543,061, Cl. 432-115.000.
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  - Fair, Delbert W.; and Buller, Paul L., 4,492,285, Cl. 181-114.000.
  - Fenton, Jeff T., 4,513,144, Cl. 549-368.000.
  - Gergely, John S., 4,538,278, Cl. 372-70.000.
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  - Graf, Harlan G.; and Janssen, Harry R., 4,518,487, Cl. 208-131.000.
  - Graf, Harlan G.; Janssen, Harry R.; Edwards, Don L.; and Duren, Don D., 4,541,453, Cl. 137-315.000.
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  - Harris, Gary R.; and Oda, Ronald L., 4,543,018, Cl. 406-102.000.
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  - Krottinger, David L.; and Cabbiness, Dale K., 4,539,645, Cl. 364-478.000.
  - Lovercheck, Dale R.; and Curran, George P., 4,499,864, Cl. 123-3.000.
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  - Mason, Charles E., 4,498,532, Cl. 166-70.000.
  - Morton, Arthur W., 4,556,340, Cl. 405-195.000.
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  - Oertle, Donald H.; and Ivie, Randall G., 4,503,710, Cl. 73-763.000.
  - Overton, Raymond C.; and Cole, Charles F., 4,530,372, Cl. 137-392.000.
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  - Poynor, Paul C.; and Burdett, Joseph W., 4,514,282, Cl. 208-56.000.

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- Conover, Michael S., to Welding, K. C. MIG welding gun. 4,509,247, 4-9-85, Cl. 29-527.400.
- Conover, William S. Linear ratchet. 4,512,217, 4-23-85, Cl. 81-58.000.
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  - Janke, Edwin R.; and Conrad, Earl, 4,495,859, Cl. 98-59.000.
- Conrad, Frederick L.; Palmer, Louis R.; and Roberts, Arthur A., to International Business Machines Corporation. Liquid chromatography proportioning valve and mixer. 4,496,245, 1-29-85, Cl. 366-143.000.
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- Conrad, Horst: *See—*
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- Conrad, Marvin C.: *See—*
  - Vincent, Geoffrey P. F.; Ing-Simmons, Nicholas K. D.; McGrath, John; and Conrad, Marvin C., 4,562,535, Cl. 364-200.000.
- Conrad, Peter, to Celanese Corporation. Apparatus for gripping an article. 4,552,397, 11-12-85, Cl. 294-86.400.
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- Conrad, Richard A. Electromagnetic actuator. 4,514,710, 4-30-85, Cl. 335-230.000.
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  - Sircar, Shivaji; Ambs, William J.; and Conrad, Roger R., 4,529,416, Cl. 55-68.000.
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- Conrad, Ulrich: *See—*
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- Consan Pacific Incorporated: *See—*
  - Saurenman, Donald G., 4,493,289, Cl. 119-21.000.
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- Consarc Engineering Ltd.: *See—*
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- Consay, Joseph A.; and Meier, Douglas R., to Universal Skate Sharpeners Ltd. Ice skate sharpening machine. 4,534,134, 8-13-85, Cl. 51-96.000.
- Consay, Joseph A., to Universal Skate Sharpeners Ltd. Ice skate sharpening method. 4,558,541, 12-17-85, Cl. 51-281.00R.
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- Considine, William H. Method of making representations of, and method of and means for making, printed circuit boards. 4,492,460, 1-8-85, Cl. 355-133.000.
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  - Grappelli, Adriana; Tomati, Umberto; and Palma, Grazio, 4,552,726, Cl. 422-184.000.
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- Consiglio, Pietro: *See—*
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- Consigny, Claude. Finger-guard. 4,507,804, 4-2-85, Cl. 2-21.000.
- Consito SpA: *See—*
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- Consolidated Foods Corporation: *See—*
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  - Thompson, Kenneth J.; Rosenquist, Joel C.; and Foster, Wayne G., 4,550,670, Cl. 112-121.110.
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- Consolidated Investments and Development Corp.: *See—*
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- Consolidated Natural Gas Service Company, Inc.: *See—*
  - Gerstmann, Joseph; Hauck, William M.; Raymond, Robert; and Swenson, Paul F., Jr., 4,501,253, Cl. 123-527.000.
  - Hise, Ralph E.; and Swenson, Paul F., 4,510,756, Cl. 60-659.000.
- Consolidated Papers, Inc.: *See—*
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  - Damrau, Wayne A.; and Gauss, James C., 4,512,279, Cl. 118-411.000.
  - Damrau, Wayne A.; Vreeland, William C.; Bernert, Richard; and Wohrle, Albert, 4,534,309, Cl. 118-410.000.
  - Williams, Donald H., 4,530,692, Cl. 493-309.000.
- Consolidated Technologies Corporation: *See—*
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- Consolidation Coal Company: *See—*
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- Constance-Hughes, Trevor, to Siebe Gorman & Company Limited. Breathing apparatus and facemasks therefor. 4,534,344, 8-13-85, Cl. 128-201.150.
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- Constant, Bernard: *See—*
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- Container Corporation of America: *See—*
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  - Everman, Wayne F.; Lewis, D. Michael; and Russell, Raymond L., 4,537,584, Cl. 493-93.000.
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  - Lietzke, G. W., 4,512,541, Cl. 248-459.000.
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- Container Products Corp.: *See—*
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  - Darlington, Rex F.; and Kleman, John, 4,524,750, Cl. 124-23.00R.
- Container Technologies, Inc.: *See—*
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- Conte, Alberto, to Selca S.p.A. Absolute precision transducer for linear or angular position measurements. 4,504,832, 3-12-85, Cl. 340-870.370.
- Contello, Michael. Animal restraint apparatus. 4,541,364, 9-17-85, Cl. 119-109.000.
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- Conti, Allen C. Tape and method for measuring and/or pulling cable. 4,508,317, 4-2-85, Cl. 254-134.3FT.
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- Conti, Gianfranco. Pincer-gun for electrically heating metal hinges of thermoplastic eyeglass frames. 4,553,021, 11-12-85, Cl. 219-234.000.
- Conti, Mario W. Object illumination apparatus. 4,530,036, 7-16-85, Cl. 362-32.000.
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  - Merchant, Harish D.; and Lossack, Edgar, 4,517,034, Cl. 148-439.000.
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  - Walter, John, 4,519,517, Cl. 215-253.000.
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- Continental Custom Bridge Company: *See—*
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- Continental Disc Corporation: *See—*
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  - Richardson, Eugene M., 4,545,017, Cl. 364-422.000.
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  - Andersen, Jorn W., 4,522,770, Cl. 264-36.000.
  - Beck, Martin H.; and Krishnakumar, Suppayan M., 4,496,064, Cl. 215-1.00C.
  - Boik, Elmer J.; and Marshall, Frederick P., 4,504,009, Cl. 229-5.500.
  - Clark, Richard E., 4,497,758, Cl. 264-23.000.
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  - Shepard, John K.; and Roberson, Carl, 4,560,080, Cl. 220-67.000.
  - Walter, John, 4,523,540, Cl. 118-63.000.
  - White, Roger B., 4,559,729, Cl. 40-306.000.
- Continental Gummi-Werke Aktiengesellschaft: *See—*
  - de Vries, Gerhard, 4,504,150, Cl. 366-80.000.
  - Fischer, Rolf; and Hermann, Dietmar, 4,534,724, Cl. 425-295.000.
  - Funk, Heinrich; Pakur, Henryk; and Seitz, Hans, 4,509,575, Cl. 152-356.00R.
  - Hoheisel, Peter; and Bartholmei, Peter, 4,550,833, Cl. 206-527.000.
  - Reese, Thorsten, 4,513,803, Cl. 152-427.000.
  - Seitz, Hans; Frerichs, Udo; Rach, Heinz-Dieter; and Spendel, Siegmund, 4,516,617, Cl. 157-1.000.
  - Sievers, Willi; Schluter, Hartwig; and de Vries, Gerhard, 4,556,376, Cl. 425-133.500.
  - Sohnemann, Richard, 4,511,697, Cl. 525-139.000.
  - Thielemann, Klaus; and Trabandt, Hagen, 4,542,778, Cl. 152-209.00R.
- Continental Industries, Inc.: *See—*
  - Mihojevich, Steven, 4,545,225, Cl. 70-71.000.
- Continental Packaging Company, Inc.: *See—*
  - Blomquist, Leonard A.; and Avery, John, 4,540,460, Cl. 156-571.000.
  - Clark, Richard E., 4,535,902, Cl. 215-1.00C.
  - Piccioli, David P.; Harry, Ieuan L.; and Clark, Richard E., 4,539,463, Cl. 219-121.0LG.
  - Piccioli, David P.; Harry, Ieuan L.; and Clark, Richard E., 4,549,066, Cl. 219-121.0LG.
  - Ross, John M., 4,498,854, Cl. 425-116.000.
  - Roth, Donald J., 4,560,566, Cl. 426-399.000.
  - Roth, Donals J.; Kubis, Charles S.; and Walter, John, 4,503,990, Cl. 220-276.000.
  - Walter, John, 4,516,684, Cl. 215-272.000.
- Continental Pharma Inc.: *See—*
  - Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.
  - Franz, Michel R.; Vincze, Andreas B.; Lambelin, Georges E.; and Polat, Alain V., 4,534,911, Cl. 514-575.000.
- Continental Plastic Beverage Bottles, Inc.: *See—*
  - Miller, Bryan H., 4,561,555, Cl. 220-67.000.
- Continental Plastic Containers, Inc.: *See—*
  - Beck, Martin H., 4,550,043, Cl. 428-36.000.
  - Szajna, John L., 4,502,607, Cl. 220-70.000.
- Continental White Cap, Inc.: *See—*
  - Boik, Elmer, 4,557,393, Cl. 215-253.000.
  - Boik, Elmer J., 4,560,076, Cl. 215-252.000.
  - Daniels, Ben G.; Hall, Nicholas E.; Naples, Daniel F.; and Schnell, Albert C., 4,559,760, Cl. 53-314.000.
  - Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.
- Continental-Wirt Electronics Corp.: *See—*
  - Worth, Sidney V., 4,537,458, Cl. 339-143.00R.
  - Worth, Sidney V., 4,538,873, Cl. 339-99.00R.
- Continua International Continuous Casting S.p.A: *See—*
  - Colombo, Piero, 4,498,520, Cl. 164-426.000.
- Contitronix, Inc.: *See—*
  - McMahon, Ronald G.; and Hale, Donnie E., 4,493,566, Cl. 400-59.000.
- Contour Packaging, Inc.: *See—*
  - Nickloy, Charles H.; and Plunkett, Thomas H., 4,541,215, Cl. 52-479.000.
- Contracap, Inc.: *See—*
  - Goepp, Robert A.; Freese, Uwe E.; and Loeb, Marvin P., 4,517,970, Cl. 128-131.000.
- Contractor, Aliasgar Q.: *See—*
  - Bockris, John O.; Szklarczyk, Marek; and Contractor, Aliasgar Q., 4,501,804, Cl. 429-111.000.
- Contractor Equipment Manufacturers, Inc.: *See—*
  - Connelly, Richard E., 4,492,375, Cl. 272-134.000.
- Contraves AG: *See—*
  - Hanseler, Urs; Meier, Urs; and Muther, Franz, 4,525,771, Cl. 361-413.000.
  - Hanseler, Urs; Meier, Urs; and Muther, Franz, 4,534,472, Cl. 211-41.000.
  - Heller, Rudolf; and Kahn, Iwan, 4,547,949, Cl. 29-421.00E.
  - Heller, Rudolf, 4,558,857, Cl. 269-325.000.
  - Pedrazza, Donatus, 4,558,320, Cl. 340-870.300.
- Contraves GmbH: *See—*
  - Prohl, Hans-Rudiger; Schmidt, Bernd; and Spannehl, Hans-Peter, 4,504,843, Cl. 346-138.000.
- Contraves Goerz Corporation: *See—*
  - Jones, Donald H., 4,540,925, Cl. 318-602.000.
  - Weit, James G., 4,495,557, Cl. 363-89.000.
- Contrawl Limited: *See—*
  - Newbury, Arthur D., 4,498,584, Cl. 206-510.000.
- Contreras, Joseph P., Sr. Molded container with living hinges. 4,518,092, 5-21-85, Cl. 220-20.500.

- Contrinex S.A.: *See—*
  - Heimlicher, Peter, 4,509,023, Cl. 331-176.000.
- Control Concepts Corporation: *See—*
  - Delaney, Sean; and Montague, Herbert R., 4,539,617, Cl. 361-58.000.
- Control Data Corporation: *See—*
  - Breske, Carl D.; and Borning, Jeffrey M., 4,518,110, Cl. 228-20.000.
  - Gagne, Donald J., 4,508,418, Cl. 339-253.00R.
  - Jallen, Gale A., 4,530,072, Cl. 365-27.000.
  - Johnson, Gerald H., 4,546,269, Cl. 307-269.000.
  - Keel, Beat G.; and Johnson, Robert W., 4,523,238, Cl. 360-46.000.
  - Logan, Max C.; and Nordstrom, Jon T., 4,512,161, Cl. 62-176.600.
  - Logan, Max C.; and Nordstrom, Jon T., 4,526,011, Cl. 62-176.100.
  - Putnam, Duane, 4,556,145, Cl. 206-329.000.
  - Rank, William J., 4,523,796, Cl. 339-17.0CF.
  - Shambroom, John R.; and Sliski, Alan P., 4,538,069, Cl. 250-491.100.
  - Shambroom, John R.; and Sliski, Alan P., 4,539,835, Cl. 73-1.00J.
  - Tucker, Theodore W., 4,516,029, Cl. 250-442.100.
  - Van Brunt, Nicholas P., 4,527,249, Cl. 364-578.000.
  - Webb, David M.; and Lane, Thomas A., 4,511,994, Cl. 364-900.000.
- Control Fluidics, Inc.: *See—*
  - Tufts, Wesley M., 4,516,280, Cl. 4-319.000.
  - Tufts, Wesley M., 4,550,452, Cl. 4-319.000.
- Control Gaging, Inc.: *See—*
  - Brown, Bernard J.; and Peelle, Thomas B., 4,539,777, Cl. 51-165.00R.
- Control Instruments Corp.: *See—*
  - Leach, Thomas W.; and Schaeffer, James, 4,555,930, Cl. 73-23.000.
- Control Interface Company Limited: *See—*
  - Bohmer, William; Betancourt, Walter J.; and Hoffman, Louis S., 4,493,531, Cl. 350-336.000.
- Control Process, Inc.: *See—*
  - Kent, David P., 4,518,300, Cl. 414-46.000.
- Control Technology, Inc.: *See—*
  - Ferguson, Frank T., 4,560,886, Cl. 307-64.000.
- Convay Systems Limited: *See—*
  - Potts, Roger F., 4,498,934, Cl. 134-254.000.
- Conver Corporation: *See—*
  - Lloyd, Robert H. F., 4,537,246, Cl. 165-80.00B.
- Conver Ing. - Technik GmbH & Co., KG: *See—*
  - Gloystein, Jurgen, 4,497,271, Cl. 114-75.000.
- Convergent Technologies, Inc.: *See—*
  - Freige, Diab E.; Lockwood, John J.; Ramsay, Michael; and Keely, Leroy B., 4,538,073, Cl. 307-33.000.
  - Lowenthal, Richard W.; Seike, Stephen C.; and Walsh, Gregory V., 4,502,038, Cl. 340-365.00S.
  - Sisler, John R., 4,501,460, Cl. 339-49.00R.
- Converse, Alvin O.; and Grethlein, Hans E., to Dartmouth College, Trustees of. Process for hydrolysis of biomass. 4,556,430, 12-3-85, Cl. 127-36.000.
- Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, to Scans Associates, Inc. Method and apparatus for calibrating flow meters. 4,502,318, 3-5-85, Cl. 73-3.000.
- Conversion Systems, Inc.: *See—*
  - Chestnut, Raymond; Colussi, John J.; Frost, Donald J.; Keen, William E., Jr.; and Raduta, Margaret C., 4,514,307, Cl. 210-751.000.
- Converta-Vans, Inc.: *See—*
  - Clarke, Edwin E., 4,557,400, Cl. 222-105.000.
- Convey, Frank H., Jr., to Harris Graphics Corporation. Signature transfer vehicle with stack clamping mechanism. 4,498,381, 2-12-85, Cl. 100-100.000.
- Conveyor Maintenance & Supply, Inc.: *See—*
  - Frost, Charles C.; and Weis, Siegfried K., 4,506,763, Cl. 184-15.200.
- Conveyor Sales & Mfg. Co.: *See—*
  - Besch, Creighton J., 4,545,477, Cl. 198-841.000.
- Conville, John J.: *See—*
  - Wilson, Joe C.; Hirozawa, Stanley T.; and Conville, John J., 4,548,787, Cl. 422-15.000.
- Convis, Danny B.; Grimm, Paul J.; and Reed, Martin A., to International Business Machines Corporation. Retro-stroke compression and image generation of script and graphic data employing an information processing system. 4,550,438, 10-29-85, Cl. 382-56.000.
- Convis, Danny B.; Crehan, Donald T.; and Lovell, Charles J., to International Business Machines Corporation. Internal image and bit array for display and printing of graphics. 4,555,700, 11-26-85, Cl. 340-721.000.
- Conway, Gregory J., to United States of America, Army. Acoustic emission monitoring. 4,499,769, 2-19-85, Cl. 73-587.000.
- Conway, John H.; and Sloane, Neil J. A., to AT&T Bell Laboratories. Decoding technique for multidimensional codes. 4,507,648, 3-26-85, Cl. 340-347.0DD.
- Conway, John T.; and Albone, Robert C., to Monroe Electronics, Inc. Static event detector and tape probe. 4,562,429, 12-31-85, Cl. 340-657.000.
- Conway, John W.: *See—*
  - Bruce, Kenneth E.; Lombardo, Ralph M., Jr.; Tarbox, Bruce H.; and Conway, John W., 4,521,848, Cl. 364-200.000.
- Conway, Joseph. Binocular rests. 4,557,451, 12-10-85, Cl. 248-187.000.
- Conway, Larry J.; Tucker, Trevor W.; and Bouchard, Sylvain L., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Sampling frequency converter. 4,504,791, 3-12-85, Cl. 328-15.000.
- Conway, Larry J.: *See—*
  - Tucker, Trevor W.; and Conway, Larry J., 4,504,785, Cl. 324-77.00H.
- Conway, Malcolm J. Method and apparatus for effecting and evaluating action upon visual imaging. 4,518,361, 5-21-85, Cl. 434-307.000.
- Conway, Michael W., to Halliburton Company. Method and compositions for fracturing subterranean formations. 4,502,967, 3-5-85, Cl. 252-8.55R.
- Conway, Michael W.: *See—*
  - Almond, Stephen W.; and Conway, Michael W., 4,553,601, Cl. 166-308.000.
- Conway, Paul; Melody, David P.; Woods, John; Casey, J. Eisirt; Bolger, Bernard J.; and Martin, Francis R., to Loctite (Ireland) Limited. Radiation-activatable anaerobic adhesive composition. 4,533,446, 8-6-85, Cl. 204-159.240.
- Conway, Paul: *See—*
  - Rooney, John M.; Woods, John; and Conway, Paul, 4,525,232, Cl. 156-273.300.
  - Rooney, John M.; and Conway, Paul, 4,525,553, Cl. 526-120.000.
- Conzelmann, Gerhard: *See—*
  - Gujer, Peter; Guldenfels, Dieter; Wirz, Armin; Knopp, Hans; Herion, Dieter; and Conzelmann, Gerhard, 4,519,115, Cl. 28-255.000.
- Cook, Albert N., to Singer Company, The. Pivotable motor with mounting pin. 4,503,792, 3-12-85, Cl. 112-220.000.
- Cook, Andrew J.; and Negus, Paul D., to Westinghouse Brake and Signal Co., Ltd. Railway signalling receiver. 4,516,249, 5-7-85, Cl. 375-82.000.
- Cook, Barry, to Ciba-Geigy Corporation. Process of inhibiting corrosion of metal surfaces and/or deposition of scale thereon. 4,501,667, 2-26-85, Cl. 210-700.000.
- Cook, Brian A.; and Quintin, Philip G. Strip lighting system. 4,521,839, 6-4-85, Cl. 362-238.000.
- Cook, Carl E. Miter board and saw guide. 4,519,280, 5-28-85, Cl. 83-34.000.
- Cook, Charles E. Trailer hitch guide. 4,560,183, 12-24-85, Cl. 280-477.000.
- Cook, Charles F.: *See—*
  - Eastman, Alan D.; Guillory, Jack P.; Cook, Charles F.; and Kimble, James B., 4,497,971, Cl. 585-658.000.
- Cook, Clarence E.: *See—*
  - Reel, Jerry R.; and Cook, Clarence E., 4,512,986, Cl. 514-170.000.
- Cook, Daniel D.: *See—*
  - Davern, John W.; and Cook, Daniel D., 4,515,302, Cl. 227-58.000.
- Cook, David C.: *See—*
  - Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., 4,507,315, Cl. 514-396.000.
- Cook, David D., Jr.: *See—*
  - Graham, Marshall D.; and Cook, David D., Jr., 4,513,438, Cl. 382-6.000.
- Cook, David L., to PDL Industries Limited. Weatherproof and/or dust proof fitting. 4,500,008, 2-19-85, Cl. 220-242.000.
- Cook, Douglas R.: *See—*
  - Sander, Eugene H. and Cook, Douglas R., 4,557,938, Cl. 426-453.000.
- Cook, Dudley D., Jr.: *See—*
  - Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, 4,508,435, Cl. 350-529.000.
  - Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, 4,538,885, Cl. 350-529.000.
- Cook, Edward G., to Ultrasonic Power Corporation. Ultrasonic cleaning tank. 4,527,901, 7-9-85, Cl. 366-127.000.
- Cook, Edward H., Jr.: *See—*
  - Lazarz, Christine A.; and Cook, Edward H., Jr., 4,498,961, Cl. 204-98.000.
- Cook, Edward J.; and Lagace, Arthur P., to Biotechnology Development Corporation. Apparatus for forming emulsions. 4,533,254, 8-6-85, Cl. 366-176.000.
- Cook, Evin L., to Mobil Oil Corporation. Producing well stimulation method - combination of thermal and solvent. 4,498,537, 2-12-85, Cl. 166-257.000.
- Cook, Frank T.; Nutt, Michael O.; and Hsieh, Hsin H., to Dow Chemical Company, The. Process for preparation of 2-oxazolidinones. 4,500,717, 2-19-85, Cl. 548-229.000.
- Cook, George E.; and Wells, A. Michael, Jr., to CRC Welding Systems, Inc. Template-matching adaptive control system for welding. 4,491,718, 1-1-85, Cl. 219-124.220.
- Cook, George E., to CRC Welding Systems, Inc. Apparatus and method for sensing a workpiece with an electrical arc. 4,531,192, 7-23-85, Cl. 364-513.000.
- Cook, George E., to CRC Welding Systems, Inc. Adaptive control system for welding inverted seams. 4,544,825, 10-1-85, Cl. 219-137.00R.
- Cook, George R.: *See—*
  - Bart, Edward F.; Chu, Arthur S.; and Cook, George R., 4,537,635, Cl. 106-277.000.
- Cook, Glyn F., to Black & Decker Inc. Pivotal handle mount. 4,561,239, 12-31-85, Cl. 56-320.100.
- Cook, Harold T., Jr., to Marine Construction & Design Co. Longline hauling and stowage apparatus. 4,505,062, 3-19-85, Cl. 43-6.500.
- Cook, Incorporated: *See—*
  - Gianturco, Cesare, 4,494,531, Cl. 128-1.00R.
  - Osborne, Thomas A., 4,548,206, Cl. 128-772.000.

  Osborne, Thomas A., 4,551,137, Cl. 604-171.000.
Cook International, Inc.: *See—*
  Hill, Jame. J.; and Marven, Al, 4,501,409, Cl. 251-354.000.
  Hill, James J.; and Marven, Al, 4,544,086, Cl. 222-649.000.
Cook, James A., Jr.: *See—*
  Pamer, Steven E.; and Cook, James A., Jr., 4,532,338, Cl. 549-455.000.
Cook, James R.; and Dishun, Thomas R., to Armco Inc. Process for preparing rimming or semi-killed steel ingots for rolling into slabs. 4,525,917, 7-2-85, Cl. 29-527.700.
Cook, Jerry A.; Garner, Robert H.; Turner, Ralph E., Jr.; and Bilimoria, Bomi M., to Anglo-American Clays Corporation. Method for improving handleability of calcined kaolin clay products. 4,561,597, 12-31-85, Cl. 241-17.000.
Cook, Joel M.; Donnelly, Vincent M.; Flamm, Daniel L.; Ibbotson, Dale E.; and Mucha, John A., to AT&T Bell Laboratories. Etching techniques. 4,498,953, 2-12-85, Cl. 156-646.000.
Cook, Joel M.; Flamm, Daniel L.; Mayer, Edward H.; and Seiler, Bernard C., to AT&T Bell Laboratories; and AT&T Technologies, Inc. Downstream apparatus and technique. 4,554,047, 11-19-85, Cl. 156-643.000.
Cook, John, to Graves, J. W.; and Tate, Harold, Jr., part interest to each. Fluid actuated switch. 4,510,358, 4-9-85, Cl. 200-81.00R.
Cook, John, to BP Chemicals Limited. Preparation of anhydrides. 4,534,912, 8-13-85, Cl. 260-549.000.
Cook, John; Tate, Haroid, Jr.; and Graves, J. W. Antitheft device for vehicles. 4,545,343, 10-8-85, Cl. 123-198.00B.
Cook, John, to BP Chemicals Limited. Preparation of carboxylic acids and esters. 4,558,153, 12-10-85, Cl. 560-247.000.
Cook, John E.; Hagerty, Robert O.; and Jacob, Frederick W., to Mobil Oil Corporation. Method for rapid kill gas injection to gas phase polymerization reactors during power failures. 4,547,555, 10-15-85, Cl. 526-60.000.
Cook, John E.: *See—*
  Hanson, John D.; and Cook, John E., 4,499,916, Cl. 137-103.000.
Cook, John R.; and James, William A., to Johnson & Johnson Baby Products Company. Nonwoven fibrous product and method of making same. 4,551,143, 11-5-85, Cl. 604-371.000.
Cook, John S., to Mattel, Inc. Shifting mechanism for toy vehicle. 4,498,887, 2-12-85, Cl. 446-462.000.
Cook, Kenneth D.; and Proctor, Timothy R. Waste disposal monitoring system. 4,549,570, 10-29-85, Cl. 137-389.000.
Cook, Kenneth G., to M-O Valve Company Limited, The. Excess voltage arresters. 4,495,539, 1-22-85, Cl. 361-124.000.
Cook, Kenneth P., to Site Microsurgical Systems, Inc. Ophthalmic microsurgical system cassette assembly. 4,493,695, 1-15-85, Cl. 604-27.000.
Cook, Koy B.: *See—*
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Cook, Lee M.: *See—*
  Kassner, Reinhard; Mader, Karl-Heinz; and Cook, Lee M., 4,507,393, Cl. 501-75.000.
Cook, Linda E. Sanitary napkin with improved protection. 4,536,181, 8-20-85, Cl. 604-387.000.
Cook, Lynn W., to Envirotech Corporation. Multiple rise cover. 4,541,210, 9-17-85, Cl. 52-82.000.
Cook, Melvin S., to Duval Corporation. Electrolytic cell. 4,517,064, 5-14-85, Cl. 204-105.00R.
Cook, Melvin S. Bubble-mode liquid phase epitaxy. 4,519,871, 5-28-85, Cl. 156-622.000.
Cook, Melvin S. Growth of lattice-graded epilayers. 4,548,658, 10-22-85, Cl. 148-175.000.
Cook, Michael L.: *See—*
  Taylor, Alwyn H.; Lees, Wayne L.; and Cook, Michael L., 4,556,613, Cl. 429-101.000.
Cook, Nathan H.: *See—*
  Carignan, Forest J.; and Cook, Nathan H., 4,493,220, Cl. 73-862.660.
Cook, Norman, to Lever Brothers Company. Inserts for squeeze bottles. 4,513,914, 4-30-85, Cl. 239-121.000.
Cook, Peter W.; Hsieh, Hung-Hui; and Miranker, Glen S., to International Business Machines Corporation. Carry lookahead logical mechanism using affirmatively referenced transfer gates. 4,504,924, 3-12-85, Cl. 364-787.000.
Cook, Phillip D.; and McNamara, Dennis J., to Warner-Lambert Company. Process for producing 4-carbamoyl-1H-imidazolium-5-olate. 4,503,235, 3-5-85, Cl. 548-301.000.
Cook, Raymond. Magnetic motor machine. 4,494,023, 1-15-85, Cl. 310-21.000.
Cook, Raymond G.: *See—*
  Bonini, Bruno; Cook, Raymond G.; Holdren, Carl F.; and Johnston, Everett A., 4,533,098, Cl. 244-110.00B.
Cook, Richard A.: *See—*
  Weis, Philip J.; and Cook, Richard A., 4,546,661, Cl. 74-15.400.
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  Taylor, Andrew W.; and Cook, Richard T., 4,537,886, Cl. 514-193.000.
Cook, Robert C., to Securitron-Magnalock Corp. Magnetic locking status detection system. 4,516,114, 5-7-85, Cl. 340-542.000.
Cook, Robert D.; and Skarvada, Thomas, to Crane Co. Initialization apparatus for a brake control system. 4,530,058, 7-16-85, Cl. 364-426.000.
Cook, Robert D., to Crane Co. Modulator for anti-skid braking system. 4,543,633, 9-24-85, Cl. 364-426.000.
Cook, Stuart A.: *See—*
  Dyson, Lewis R.; Young, Dan B.; and Cook, Stuart A., 4,504,241, Cl. 446-304.000.
Cook, Thomas E.; and Dolle, Ernest W., to Procter & Gamble Company, The. Low phosphate, softening laundry detergent containing ethoxylated nonionic, alkylpolysaccharide and cationic surfactants. 4,493,773, 1-15-85, Cl. 252-8.800.
Cook, Thomas E., to Durametallic Corporation. One-piece mounting ring for seal insert. 4,511,151, 4-16-85, Cl. 277-92.000.
Cook, Thomas E. Process and apparatus for removing adsorbed material from an adsorber. 4,536,197, 8-20-85, Cl. 55-28.000.
Cook, Thomas E.; and Llenado, Ramon A., to Procter & Gamble Company, The. Foaming surfactant compositions. 4,536,318, 8-20-85, Cl. 252-174.170.
Cook, Wayne L.: *See—*
  Rebhahn, Robert W. J.; and Cook, Wayne L., 4,560,746, Cl. 534-840.000.
Cook, William A.; Hoffman, Gary R.; and Pulford, William M., to Du Pont de Nemours, E. I., and Company. Capacitively coupled machine tool safety having a self-test network. 4,518,958, 5-21-85, Cl. 340-679.000.
Cook, William A.; Fearnot, Neal E.; and Geddes, Leslie A., to Purdue Research Foundation. Exercise responsive cardiac pacemaker. 4,543,954, 10-1-85, Cl. 128-419.0PG.
Cook, William E.; Vodian, Morton A.; and Haunold, Otto, to Beckman Instruments, Inc. Multiple object capturing and processing device. 4,495,150, 1-22-85, Cl. 422-99.000.
Cook, William R. Combination fuel heater and fuel filter device. 4,495,928, 1-29-85, Cl. 123-557.000.
Cook, William T.; Cristinacce, Michael; and Amin, Rajendra K., to British Steel Corporation. Method of manufacturing an article of non-magnetic austenitic alloy steel for a drill collar. 4,514,236, 4-30-85, Cl. 148-38.000.
Cooke, Arthur V.: *See—*
  Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., 4,526,911, Cl. 523-445.000.
  Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., 4,544,469, Cl. 204-243.00R.
Cooke, Bernard; and Wrobel, Peter, to Loctite (Ireland) Limited. Adhesive composition adapted for setting at a time later than the time of application. 4,497,916, 2-5-85, Cl. 523-176.000.
Cooke, Brian A.: *See—*
  Bromley, Charles W.; Cooke, Brian A.; and Coombes, Norman A., 4,544,686, Cl. 523-411.000.
Cooke, Claude E., Jr.: *See—*
  Erbstoesser, Steven R.; Cooke, Claude E., Jr.; Sinclair, Richard G.; and Epstein, Michael M., 4,526,695, Cl. 252-8.55R.
Cooke, David F.: *See—*
  Gulley, Brian W.; Williamson, Gilbert J.; Carmichael, Richard Q.; Cooke, David F.; and Taylor, Roderick, 4,561,860, Cl. 44-10.00R.
Cooke, Edward I.; Pinnington, Arthur J.; and Smeatham, Charles A., to BICC Public Limited Company. Process and apparatus for manufacturing optical cable elements. 4,541,979, 9-17-85, Cl. 264-174.000.
Cooke, Edward I., to BICC Public Limited Company. Optical cable element manufacture. 4,554,116, 11-19-85, Cl. 264-1.500.
Cooke, Horise M., to Stratoflex, Inc. Hose fitting and method of assembly. 4,498,691, 2-12-85, Cl. 285-12.000.
Cooke, Horise M., to Stratoflex, Inc. Clip for a fluid coupling. 4,537,427, 8-27-85, Cl. 285-305.000.
Cooke, Joseph: *See—*
  Goldenberg, Joseph; and Cooke, Joseph, 4,555,888, Cl. 52-722.000.
Cooke, Larry: *See—*
  Zasio, John J.; and Cooke, Larry, 4,495,629, Cl. 377-70.000.
  Zasio, John J.; and Cooke, Larry, 4,553,236, Cl. 371-15.000.
Cooke, Laurence H.; Feretich, Robert A.; and Boyle, Richard F., to Storage Technology Partners. Scannable asynchronous/synchronous CMOS latch. 4,540,903, 9-10-85, Cl. 307-465.000.
Cooke, Michael W.; Arriola, Arturo; Stegman, Julius M.; and Collins, Kenneth D., to United States of America, Navy. Remotely activated cable cutter. 4,495,849, 1-29-85, Cl. 89-1.140.
Cooke, Robert A.: *See—*
  Dennis, Kenrick J.; and Cooke, Robert A., 4,550,461, Cl. 12-1.00R.
Cooke, Robert S., to Allied Corporation. Partially deacylated ultrahigh molecular weight poly(N-propionylethylenimines). 4,492,788, 1-8-85, Cl. 525-410.000.
Cooke, Roger E.: *See—*
  Heeks, John S.; and Cooke, Roger E., 4,561,727, Cl. 350-351.000.
Cooke, Ronald D.; and Laage, Neil A., to Beloit Corporation. Dryer stationary syphon adjustment mechanism. 4,498,249, 2-12-85, Cl. 34-125.000.
Cooke, Theodore M.; Lin, Robert A.; Whitfield, Richard G.; and Hock, Allan G., to Exxon Research & Engineering Co. Ink jet ink formulation for reduced start-up problems. 4,537,631, 8-27-85, Cl. 106-22.000.
Cooke, Thomas W.: *See—*
  Kaschig, Jurgen; Kleiner, Eduard K.; Mueller, Karl F.; and Cooke, Thomas W., 4,515,640, Cl. 106-287.250.
Cookerly, Jack C.: *See—*
  Hall, George R.; Hall, Robert J.; and Cookerly, Jack C., 4,508,002, Cl. 84-1.030.
  Hall, Robert J.; Hall, George R.; and Cookerly, Jack C., 4,519,286, Cl. 84-1.030.
  Hall, Robert J., Jr.; Hall, George R.; and Cookerly, Jack C., 4,542,675, Cl. 84-1.030.

- Cooks, Graham; Story, Michael S.; Jung, Gerhard; and Dobberstein, Peter, to Finnigan Mat GmbH. Hybrid mass spectrometer. 4,536,652, 8-20-85, Cl. 250-281.000.
- Cookson, Alan H., to United States of America, Energy. Particle trap for compressed gas insulated transmission systems. 4,554,399, 11-19-85, Cl. 174-14.00R.
- Cookson, John A.; Schatzka, Richard L.; Echard, Richard A.; and Scheer, Gary W., to Tetragenics, Inc. Method and apparatus for transmitting status information between remote locations. 4,551,718, 11-5-85, Cl. 340-825.160.
- Cool, Steven L.: *See—*
    - Richey, Joseph B.; Wake, Robert H.; Walters, Ronald G.; Hunt, Willard F.; and Cool, Steven L., 4,547,892, Cl. 378-8.000.
- Cool Water Coal Gasification Program: *See—*
    - Covell, Russell B.; and Kwasnik, Andrew F., 4,545,330, Cl. 122-392.000.
- Coolen, Toon, to Grays of Cambridge (Pakistan) Limited. Hockey stick having a U-shaped head. 4,512,573, 4-23-85, Cl. 273-67.00A.
- Cooley, James, to Champion International Corporation. Method of making a decorative heat resistant laminate. 4,505,768, 3-19-85, Cl. 156-153.000.
- Cooley, James, to Champion International Corporation. Heat dissipating decorative laminate. 4,514,454, 4-30-85, Cl. 428-195.000.
- Cooley, Julian B.: *See—*
    - Olson, Paul B.; Minday, Richard M.; and Cooley, Julian B., 4,546,090, Cl. 502-69.000.
- Coolidge, Anson S.: *See—*
    - Hagshenas, Behzad; Butler, Donald W.; and Coolidge, Anson S., 4,491,374, Cl. 384-471.000.
- Coombe, Anthony J., to Du Pont de Nemours, E. I., and Company. Fluid energy mill with differential pressure means. 4,502,641, 3-5-85, Cl. 241-5.000.
- Coomber, Barry A.: *See—*
    - Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; Coomber, Barry A.; and Pateman, Anthony J., 4,497,805, Cl. 514-172.000.
    - Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; and Coomber, Barry A., 4,515,786, Cl. 514-182.000.
- Coombes, Graham E.; and Lemoine, Austin J. Seismic trigger. 4,531,533, 7-30-85, Cl. 137-46.000.
- Coombes, Norman A.; Wilkinson, Michael R.; and Bromley, Charles W. A., to Imperial Chemical Industries PLC. Coating compositions. 4,562,226, 12-31-85, Cl. 524-767.000.
- Coombes, Norman A.: *See—*
    - Bromley, Charles W.; Cooke, Brian A.; and Coombes, Norman A., 4,544,686, Cl. 523-411.000.
- Coombs, Christopher E., to Cairns & Brother Inc. Protective garment. 4,507,806, 4-2-85, Cl. 2-85.000.
- Coombs, Daniel M.; and Latimer, Edward G., to Phillips Petroleum Company. Solvent extraction. 4,548,711, 10-22-85, Cl. 208-309.000.
- Coombs, Daniel M.: *See—*
    - Kukes, Simon G.; Hogan, Robert J.; and Coombs, Daniel M., 4,557,823, Cl. 208-216.00R.
    - Kukes, Simon G.; Hogan, Robert J.; Coombs, Daniel M.; Davis, Thomas; and Efner, Howard F., 4,560,468, Cl. 208-110.000.
    - Mann, David P.; Kukes, Simon G.; and Coombs, Daniel M., 4,518,484, Cl. 208-87.000.
- Coombs, David W.: *See—*
    - McGill, James C.; Alley, James R.; and Coombs, David W., 4,528,000, Cl. 55-2.00G.
- Coombs, William F.: *See—*
    - Kunzler, Wilhelm F.; and Coombs, William F., 4,555,372, Cl. 264-2.100.
- Coomes, Pamela R.: *See—*
    - Coomes, Raymond G.; and Coomes, Pamela R., 4,520,715, Cl. 98-101.000.
- Coomes, Raymond G.; and Coomes, Pamela R. Energy-saving cover apparatus for room air registers. 4,520,715, 6-4-85, Cl. 98-101.000.
- Coomes, Robert D.: *See—*
    - Boan, William J.; and Coomes, Robert D., 4,501,499, Cl. 366-156.000.
- Coon, Clifford L.: *See—*
    - McGuire, Raymond R.; Coon, Clifford L.; Harrar, Jackson E.; and Pearson, Richard K., 4,525,252, Cl. 204-101.000.
- Coon, Dennis C.: *See—*
    - Sestak, Joseph T.; and Coon, Dennis C., 4,539,929, Cl. 116-221.000.
- Coon, Dennis R.: *See—*
    - Heys, George; and Coon, Dennis R., 4,551,675, Cl. 324-158.00F.
- Coon, Jessie H.: *See—*
    - Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.
- Coon, Julian B.; and Thomas, Bobby J., to Conoco Inc. Coal auger guidance system. 4,523,651, 6-18-85, Cl. 175-45.000.
- Coon, Julian B.; and Petry, Eston F., to Conoco Inc. Vibration method for unplugging a slurry pipeline. 4,551,041, 11-5-85, Cl. 406-85.000.
- Coon, Julian B.; and Petry, Eston F., to Conoco Inc. Fluid vibration apparatus. 4,554,941, 11-26-85. Cl. 137-240.000.
- Coon, Paul A.: *See—*
    - Coller, James R.; and Coon, Paul A., 4,557,542, Cl. 339-59.00M.
- Coone, Malcolm G., to Xenpax, Inc. Inflatable packer. 4,544,165, 10-1-85, Cl. 277-34.000.
- Cooney, Edward F.: *See—*
    - Wagner, Paul D.; and Cooney, Edward F., 4,538,819, Cl. 277-4.000.
- Cooney, James S.; and Boyle, Stephen A., to Pylon Company, Inc. Self-cleaning tri-cusp signal contact. 4,560,223, 12-24-85, Cl. 339-95.00R.
- Coons, Robert A., Jr., to Xerox Corporation. Sheet binding apparatus. 4,537,650, 8-27-85, Cl. 156-384.000.
- Coons, Robert R.: *See—*
    - Bellah, Glen R.; Mylander, Richard H.; Idelman, Lloyd B.; and Coons, Robert R., 4,494,418, Cl. 74-475.000.
- Coons, Terry L., to Tech Development Inc. Hoop turbine. 4,507,047, 3-26-85, Cl. 415-9.000.
- Coons, Terry L., to Tech Development Inc. Apparatus for preventing overspeed of a turbine drive means. 4,518,310, 5-21-85, Cl. 415-36.000.
- Coop, Radar S.: *See—*
    - Elexpuru, Manuel A., 4,541,543, Cl. 220-316.000.
- Coope, Daniel F.: *See—*
    - Murphy, Richard D.; and Coope, Daniel F., 4,492,865, Cl. 250-265.000.
- Cooper, Arthur; and Mailliet, Pierre, to Paul Wurth S.A. Taphole plugging apparatus for a shaft furnace. 4,544,143, 10-1-85, Cl. 266-273.000.
- Cooper, Barry A., to Bemis Company, Inc. Process and polymer blend composition for stretch wrap film. 4,504,434, 3-12-85, Cl. 264-22.000.
- Cooper, Bruce H.: *See—*
    - Heater, Charles P.; and Cooper, Bruce H., 4,548,595, Cl. 493-458.000.
- Cooper Canada Limited: *See—*
    - Clement, Leonard W. H., 4,539,715, Cl. 2-420.000.
- Cooper, Charles E., Jr.: *See—*
    - Dezenberg, George J.; and Cooper, Charles E., Jr., 4,507,786, Cl. 372-33.000.
- Cooper, Christopher A., to Marley Tile A.G. Roof ridge capping system. 4,532,739, 8-6-85, Cl. 52-57.000.
- Cooper, Christopher C.; and Economou, Dimitri, to Guild International Inc. Continuous strip accumulator. 4,529,140, 7-16-85, Cl. 242-55.000.
- Cooper, Clifford W. Binocular trainer. 4,506,963, 3-26-85, Cl. 351-203.000.
- Cooper, Clinton T. Method and apparatus for enhancing the fire combatant properties of safety cans. 4,492,319, 1-8-85, Cl. 222-108.000.
- Cooper, Daniel: *See—*
    - Baugh, Robert F.; Braun, Walter J.; and Cooper, Daniel, 4,533,519, Cl. 422-73.000.
- Cooper, David C.; and Bouchard, Kenneth J., to Stelco Inc. Prevailing torque nut. 4,509,220, 4-9-85, Cl. 10-86.00A.
- Cooper, David G.; and Sach, George S., to Smith Kline & French Laboratories Limited. Pyridyl-2-oxy-propyl-1H-1,2,4-triazole-3,5-diamines. 4,551,466, 11-5-85, Cl. 514-318.000.
- Cooper, David L.: *See—*
    - Duncan, Garland H., III; and Cooper, David L., 4,503,668, Cl. 60-39.320.
- Cooper, Dennis: *See—*
    - Puckowski, Robert T.; Cooper, Dennis; and Duffy, Patrick J., 4,533,417, Cl. 156-51.000.
- Cooper, Donald C. Combined refrigeration and heating circuits. 4,513,580, 4-30-85, Cl. 62-183.000.
- Cooper, Edward H., Jr.: *See—*
    - Darilek, Glenn T.; and Cooper, Edward H., Jr., 4,542,344, Cl. 324-326.000.
- Cooper, Ellis; and Lindahl, Gerald, to Barbosa, Joseph A. Electronic controller. 4,546,245, 10-8-85, Cl. 250-211.00K.
- Cooper, Emanuel; and Kohn, David H., to Technion Research and Development Foundation Inc. Concurrent production of anhydrous non-metal and metalloid halides and ceramic materials with the aid of magnesium halide. 4,528,164, 7-9-85, Cl. 423-1.000.
- Cooper, Eugene R., to Procter & Gamble Company, The. Penetrating topical pharmaceutical compositions containing N-(2-hydroxyethyl) pyrrolidone. 4,537,776, 8-27-85, Cl. 514-424.000.
- Cooper, Eugene R.; Loomans, Maurice E.; and Fawzi, Mahdi B., to Procter & Gamble Company, The. Penetrating topical pharmaceutical compositions containing corticosteroids. 4,552,872, 11-12-85, Cl. 514-175.000.
- Cooper, Eugene R., to Procter & Gamble Company, The. Penetrating topical pharmaceutical compositions containing 1-dodecyl-azacycloheptan-2-one. 4,557,934, 12-10-85, Cl. 424-128.000.
- Cooper, George F. Lens support system. 4,502,765, 3-5-85, Cl. 351-110.000.
- Cooper, Glenn D.; and Katchman, Arthur, to General Electric Company. Composition of polyphenylene ethers with core-shell rubber-modified polystyrene. 4,528,327, 7-9-85, Cl. 525-68.000.
- Cooper, Gordon C.; and Dawson, Douglas, to Rolls-Royce Limited. Sealing plug. 4,492,381, 1-8-85, Cl. 277-2.000.
- Cooper, Ian G.: *See—*
    - O'Connor, Terry J.; and Cooper, Ian G., 4,491,617, Cl. 428-236.000.
    - O'Connor, Terry J.; and Cooper, Ian G., 4,539,254, Cl. 428-236.000.
- Cooper, Ian V., to Dow Corning Corporation. Dewatering of mineral slurries. 4,525,279, 6-25-85, Cl. 210-728.000.
- Cooper, Ian V., to Dow Corning Corporation. Dewatering of mineral slurries. 4,525,281, 6-25-85, Cl. 210-735.000.
- Cooper Industries, Inc.: *See—*
    - Ambrose, Albert R.; and Fancett, Scott F., 4,512,589, Cl. 280-6.00R.
    - Anderson, Gene S., 4,515,435, Cl. 350-96.230.
    - Anderson, Gene S.; and Watson, David B., 4,552,432, Cl. 350-96.230.
    - Engel, Joseph C., 4,503,364, Cl. 315-308.000.
    - Furrow, Robert E., 4,519,585, Cl. 254-273.000.
    - Gaia, Aldino J., 4,559,513, Cl. 337-165.000.

- Jones, Herman S.; and Blackman, William C., 4,527,334, Cl. 33-138.000.
- Koehl, Stephen E.; and Tiller, Charles R., 4,558,280, Cl. 324-399.000.
- Lofstrand, Warren A., 4,503,411, Cl. 335-259.000.
- Maros, Ronald R., 4,492,815, Cl. 174-78.000.
- Maros, Ronald R., 4,536,053, Cl. 339-143.00R.
- Maros, Ronald R., 4,540,224, Cl. 339-14.00R.
- Moran, Richard J., 4,562,506, Cl. 361-71.000.
- Peterson, Brian P.; and Murphy, Patrick J., 4,506,121, Cl. 200-50.00B.
- Snow, Richard F., 4,556,936, Cl. 362-371.000.
- Spreadbury, Robert J., 4,501,994, Cl. 315-307.000.
- Squires, V. Alan, 4,532,955, Cl. 137-15.000.
- Tauber, Richard J.; and Rosborg, Daniel J., 4,499,527, Cl. 362-267.000.
- Ulijasz, Thaddeus R., 4,549,085, Cl. 250-551.000.
- Veverka, Edward F.; Holmgren, Nils V.; and Martin, Donald R., 4,553,008, Cl. 200-148.00R.
- Wilhelmson, Jack L.; and Urban, Paul L., 4,560,101, Cl. 228-54.000.
- Workman, William, Jr., 4,492,146, Cl. 91-29.000.

Cooper, J. Carl, to Ampex Corporation. High speed correlation circuit and method. 4,498,141, 2-5-85, Cl. 364-728.000.

Cooper, J. Carl. Apparatus and method for correcting timebase errors. 4,532,541, 7-30-85, Cl. 358-21.00R.

Cooper, Jack M., to General Screw Products Company. Blowdown fitting. 4,512,441, 4-23-85, Cl. 184-105.00B.

Cooper, James L.: *See—*
- Perkins, William R.; and Cooper, James L., 4,527,456, Cl. 84-1.040.

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Cooper, Jeffrey L.; and Johnson, Brian C., to North American Philips Corporation. Method and apparatus for scrambling and descrambling television programs. 4,542,407, 9-17-85, Cl. 358-120.000.

Cooper, Jerry W.: *See—*
- Hughes, William E.; Dare, Keith E.; and Cooper, Jerry W., 4,517,404, Cl. 174-47.000.

Cooper, John C., to RCA Corporation. Color image display system having an improved external magnetic shield. 4,556,821, 12-3-85, Cl. 315-8.000.

Cooper, John R.; and Sawyer, Richard G. Portable broadcast band information transmitting system. 4,541,119, 9-10-85, Cl. 455-57.000.

Cooper, Joseph S.: *See—*
- Judd, Michael; and Cooper, Joseph S., 4,549,933, Cl. 162-281.000.

Cooper, Kelvin: *See—*
- Richardson, Kenneth; and Cooper, Kelvin, 4,503,063, Cl. 514-383.000.
- Richardson, Kenneth; and Cooper, Kelvin, 4,510,148, Cl. 514-340.000.

Cooper, Kenneth C.; and Pollard, William, to Foesco International Limited. Holding device for hot top lining slabs. 4,548,380, 10-22-85, Cl. 249-106.000.

Cooper, Kevin; Richardson, Kenneth; and Whittle, Peter J., to Pfizer Inc. Antifungal S-arylmethyl- and S-heterocyclylmethyl ethers of 2-aryl-3-mercapto-1-(1H-1,2,4-triazol-1-yl) propan-2-ols. 4,505,919, 3-19-85, Cl. 514-340.000.

Cooper, Larry: *See—*
- Lieu, Dennis K.; and Cooper, Larry, 4,499,736, Cl. 62-3.000.

Cooper LaserSonics, Inc.: *See—*
- Gallant, Ben J., 4,522,597, Cl. 433-216.000.
- Munnerlyn, Charles R., 4,544,243, Cl. 350-514.000.
- Munnerlyn, Charles R., 4,561,436, Cl. 128-303.100.
- Rzewinski, Leonard, 4,494,932, Cl. 433-88.000.
- Wuchinich, David G., 4,493,694, Cl. 604-22.000.
- Wuchinich, David G., 4,516,398, Cl. 604-22.000.
- Wuchinich, David G., 4,526,571, Cl. 604-22.000.

Cooper, Lawrence E.: *See—*
- Trenkler, George; and Cooper, Lawrence E., 4,507,639, Cl. 336-115.000.

Cooper, Leo, to Tubular Specialties Mfg., Inc. Support for bathroom fixture or the like. 4,498,654, 2-12-85, Cl. 248-251.000.

Cooper Medical Devices: *See—*
- Wang, Carl C. T.; Charles, Steve; and Buckingham, Joseph T., 4,493,698, Cl. 604-51.000.

Cooper, Merton G.; Kerns, William R.; Filley, Daniel E.; and Koschnick, Gary A., to United States of America, Navy. Hydraulic powered gate valve. 4,509,549, 4-9-85, Cl. 137-327.000.

Cooper, N. Jeffrey: *See—*
- Cooper, Newell J.; and Cooper, N. Jeffrey, 4,494,666, Cl. 220-3.000.

Cooper, Newell J.; and Cooper, N. Jeffrey. Pressure containment vessel apparatus for leaking gas cylinder. 4,494,666, 1-22-85, Cl. 220-3.000.

Cooper, Penny S.; and Miller, Richard L., to Cooper, Penny S. Magazine page dehydrated foods in plastic bags. 4,492,306, 1-8-85, Cl. 206-216.000.

Cooper, Ralph M.; and Mena, Walter M., to AMP Incorporated. Cable clamp. 4,509,710, 4-9-85, Cl. 248-73.000.

Cooper, Raymond M. Fishing lure. 4,553,348, 11-19-85, Cl. 43-42.060.

Cooper, Robert Q.: *See—*
- Smith, Timothy J. C.; Geke, Jurgen; and Cooper, Robert Q., 4,540,442, Cl. 134-2.000.

Cooper, Robin D. G., to Eli Lilly and Company. Allylic chlorination process and compounds prepared thereby. 4,518,531, 5-21-85, Cl. 260-245.400.

Cooper, Ronald F.: *See—*
- Bowen, Terry P.; Caron, Bernard G.; Cooper, Ronald F.; and Glover, Douglas W., 4,534,616, Cl. 350-96.200.

Cooper, Ronald H. Fluid injector for internal combustion engine. 4,526,138, 7-2-85, Cl. 123-25.00E.

Cooper, Stephen E.; and Leohner, Donald L., to Beatrice Foods Co. Non-protein, high stability fat emulsion composition and method of production. 4,492,714, 1-8-85, Cl. 426-602.000.

Cooper, Stephen M., to General Electric Company. Copolyetherimides and process of preparation. 4,504,650, 3-12-85, Cl. 528-185.000.

Cooper, Stephen M.; and Sooudi, Saeed K., to Siecor Corporation. Fiber optic cable with foamed plastic dummy members. 4,550,976, 11-5-85, Cl. 350-96.230.

Cooper, Steven W.: *See—*
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Cooper, Terence: *See—*
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Cooper, Terry W.: *See—*
- Sitte, Helmuth; Cooper, Terry W.; and Kleber, Heinrich, 4,511,224, Cl. 350-523.000.

Cooper Thermometer Company, The: *See—*
- Krehel, Charles A.; and Kaniwec, George N., 4,524,617, Cl. 73-296.000.

Cooper, Thomas F.: *See—*
- Buell, Kenneth C.; and Cooper, Thomas F., 4,506,971, Cl. 355-3.0TR.

Cooper Vision, Inc.: *See—*
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Cooper, William J.: *See—*
- Board, David B.; and Cooper, William J., 4,530,240, Cl. 73-593.000.

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- Dalton, Leslie W., Jr.; Boehm, James A., III; and Cooper, William K., 4,556,069, Cl. 128-746.000.

Cooperative Marketing Co., The: *See—*
- Villanueva, Jesus R.; and Krautsack, Richard G., 4,541,598, Cl. 248-221.400.

Cooperberg, Bruce; and Peck, Gene E., to Insta-Print, Inc. Diffusion-transfer processor for photomechanical reproductions. 4,497,558, 2-5-85, Cl. 354-303.000.

CooperBiomedical, Inc.: *See—*
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Cooperheat: *See—*
- Parker, Gary F., 4,515,559, Cl. 432-10.000.

Cooperman, Gene D.: *See—*
- Winful, Herbert G.; and Cooperman, Gene D., 4,497,535, Cl. 350-96.120.

Cooperman, Michael: *See—*
- Kapral, Christopher W.; and Cooperman, Michael, 4,508,982, Cl. 307-572.000.

Cooperrider, Mark W.: *See—*
- Chou, Eddie C. J.; and Cooperrider, Mark W., 4,545,814, Cl. 75-0.5AA.

Coopers Filters Limited: *See—*
- Gladstone, Robert S., 4,494,575, Cl. 137-846.000.

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- Atkinson, Ivor B.; and Holdstock, Barry C., 4,492,776, Cl. 523-108.000.
- Gerhard, Gregory J.; Gornstein, Robert J.; Graham, William M.; Patel, Anilbhai S.; Smith, John M.; and Vaughn, Wade C., 4,502,162, Cl. 3-13.000.
- Gerhard, Gregory J.; and Graham, William M., 4,516,575, Cl. 128-305.000.
- Houlsby, Robert D., 4,521,375, Cl. 422-29.000.
- Sorich, Richard A., 4,515,583, Cl. 604-22.000.
- Wittmann, Joseph W.; and Evans, John M., 4,508,884, Cl. 526-279.000.

Cooray, Boyd, to Akzo N.V. Organotin-containing composition for the stabilization of polymers of vinyl chloride. 4,546,136, 10-8-85, Cl. 524-180.000.

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- Kurosu, Tomio; and Yoshikawa, Yukio, 4,494,846, Cl. 354-400.000.
- Kurosu, Tomio; and Yoshikawa, Yukio, 4,514,064, Cl. 354-234.100.
- Kurosu, Tomio; and Yoshikawa, Yukio, 4,527,877, Cl. 354-234.100.
- Nakamori, Masao; and Ishiguro, Yasuo, 4,502,769, Cl. 354-152.000.
- Shimizu, Munetaka, 4,533,270, Cl. 400-636.000.

Copar Corporation: *See—*
- Schmidt, Robert W., 4,516,702, Cl. 222-514.000.

Copas, Gordon A.; Wilke, Howard C.; and Dykema, Dennis A., to APV Anderson Bros. Inc. Machine for filling containers. 4,518,021, 5-21-85, Cl. 141-172.000.

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- Angelucci, Richard J.; Cope, Andrew P.; Hallam, Donald E.; and Ladd, Harry E., 4,555,067, Cl. 242-35.50A.

Cope, Appleton D., to RCA Corporation. Suppression of edge effects arising in CCD imager field registers. 4,528,596, 7-9-85, Cl. 358-213.000.

Cope, Carroll W., to DG Shelter Products. Molding coating composition and process. 4,546,133, 10-8-85, Cl. 524-15.000.

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Chapman, Athol W.; Cope, Fred E.; and Missick, Kenneth P., 4,556,250, Cl. 297-192.000.

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Blass, Jaroslav; and Deal, Michael A., 4,537,566, Cl. 417-569.000.
Elson, John P.; Muir, Earl B.; and Riffe, Delmar R., 4,518,323, Cl. 417-312.000.
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Coplan, Myron J.: *See*—
Bikson, Benjamin; Coplan, Myron J.; and Gotz, Gertrud, 4,508,852, Cl. 521-27.000.
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Coppens, Christian: *See*—
Dupuis, Bernard; Pasquet, Jean-Pierre; and Coppens, Christian, 4,495,618, Cl. 370-66.000.

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Billi, Roberto; and Copperi, Maurizio, 4,558,187, Cl. 179-170.200.

Coppersmith, Ward J.; and La Motte, George B., III, to Scripps Clinic and Research Foundation. Microplate washer. 4,496,657, 1-29-85, Cl. 435-287.000.

Copple, Charles M.: *See*—
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Ezis, Andre; and Copple, Warren B., 4,554,117, Cl. 264-67.000.

Coppock, C. Wallace. Game of chance particularly adapted for play in conjunction with a team sport contest. 4,540,174, 9-10-85, Cl. 273-138.00R.

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Coppola, Joseph C., Jr., to Pantasote Inc. Roofing system. 4,493,175, 1-15-85, Cl. 52-410.000.

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Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, 4,551,404, Cl. 430-59.000.
Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, 4,500,619, Cl. 430-59.000.
Ishikawa, Shozo; Sakai, Kiyoshi; Mabuchi, Minoru; Watanabe, Katsunori; and Kitahara, Makoto, 4,554,231, Cl. 430-59.000.

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Boersma, Rintje; van Wijnandsbergen, Marius F. F.; Irik, Gijsbert W.; and Marien, Pieter, 4,527,220, Cl. 361-332.000.

Coquil, Bernard; and Monta, Alain, to Compagnie Francaise d'Etudes et de Construction "Technip" . Apparatus for the interpretation of various steps of an interactive computer program and a method of using such apparatus. 4,531,918, 7-30-85, Cl. 434-118.000.

Coquillart, Michel; and Yeretzian, Georges, to Manufacture de Vilebrequins. Automatic machine for high efficiency machinings, embodying a cyclical process of combined translations and machining steps. 4,559,681, 12-24-85, Cl. 29-26.00A.

Corabelment A.G.: *See*—
Rumble, Clive S., 4,518,212, Cl. 339-31.00R.
Rumble, Clive S., 4,543,624, Cl. 363-146.000.

Corain, Luciano, to Nuovo Pignone S.p.A. Heald control system for a travelling wave shedding loom. 4,538,648, 9-3-85, Cl. 139-79.000.

Coran, Aubert Y.; and Patel, Raman, to Monsanto Company. Phenolic modified urethane elastomer. 4,555,552, 11-26-85, Cl. 525-456.000.

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Williams, Joseph E., 4,525,951, Cl. 49-47.000.

Corazza, Herman. Body shop worktable. 4,501,202, 2-26-85, Cl. 108-50.000.

Corazzari, Canzio: *See*—
Govoni, Gabriele; Corazzari, Canzio; Di Stefano, Giovanni; and Loconsolo, Mauro, 4,518,750, Cl. 526-68.000.

Corbach, Rainer; Utsch, Berthold; Mohr, Adolf; and Zimmermann, Kurt, to Robert Bosch GmbH. Permanent-magnet commutator motor with auxiliary pole/bracket. 4,542,314, 9-17-85, Cl. 310-154.000.

Corbel, Jean Yves, to LGT Laboratoire General des Telecommunications. Equipment for the retransmission of television signals in a common channel, with an automatic control of the video/audio ratio. 4,535,361, 8-13-85, Cl. 358-184.000.

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Corbett, Constance R.: *See*—
Aliberto, Ellen S.; Corbett, Constance R.; and McIntyre, Randall S., 4,504,510, Cl. 426-553.000.

Corbett, John; Brown, Edric M. E.; Tapner, Peter N.; and Commander, David J., to USM Corporation. Lockstitch sewing machine. 4,561,367, 12-31-85, Cl. 112-38.000.

Corbett, John M.; and Neumann, Fred W., to Dow Chemical Company, The. Polymeric compositions possessing improved flammability resistance. 4,544,682, 10-1-85, Cl. 521-142.000.

Corbett, Lorimer J., to Medical Research (Marketing) Pty, Ltd. Method of treating navicular disease in horses. 4,513,010, 4-23-85, Cl. 514-651.000.

Corbett, Reg D. Centrifugal fans. 4,521,154, 6-4-85, Cl. 416-175.000.

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Corbett, Sue. Electrode cap. 4,537,198, 8-27-85, Cl. 128-639.000.

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Corbi, Ronald W. Preset throttle release device. 4,524,741, 6-25-85, Cl. 123-342.000.

Corbin, Krestine, executrix: *See*—
Dickinson, Lawrence C., deceased; and Corbin, Krestine, executrix, 4,527,929, Cl. 407-1.000.

Corbin, Raymond L. R., to Manville Service Corporation. Three-tab shingle with staggered butt edge feature. 4,527,374, 7-9-85, Cl. 52-557.000.

Corbisello, Rocco J. Tree stand. 4,541,601, 9-17-85, Cl. 248-516.000.

Corboy, John F., Jr.; Jastrzebski, Lubomir L.; Blackstone, Scott C.; and Pagliaro, Robert H., Jr., to RCA Corporation. Method for growing monocrystalline silicon on a mask layer. 4,549,926, 10-29-85, Cl. 156-612.000.

Corboy, John F., Jr.: *See*—
Blackstone, Scott C.; Jastrzebski, Lubomir L.; and Corboy, John F., Jr., 4,546,375, Cl. 357-23.400.
McGinn, Joseph T.; Jastrzebski, Lubomir L.; and Corboy, John F., Jr., 4,557,794, Cl. 156-612.000.

Corby, David C.: *See*—
Braybrook, George E.; Corby, David C.; Shelton, Mark A.; and Shelton, William E. A., 4,523,441, Cl. 68-5.00C.

Corby, Nelson R., Jr., to General Electric Company. Light pattern projector especially for welding. 4,491,719, 1-1-85, Cl. 219-124.340.

Corby, Nelson R., Jr.; Lund, Richard M.; and Peroutky, Donald C., to General Electric Company. Arc welding torch with two integral optical systems. 4,532,405, 7-30-85, Cl. 219-124.340.

Corcoran, John J.; and Fraijo, John P. Apparatus and method for filling trenches in paved surfaces. 4,507,012, 3-26-85, Cl. 404-72.000.

Corcoran, Richard J.; Kopf, Peter W.; and Smith, Donald F., Jr., to Union Carbide Corporation. Additive for improving weathering resistance and decreasing viscosity of high solids coatings. 4,556,693, 12-3-85, Cl. 525-162.000.

Corcoran, William H.: *See*—
Kralik, James G.; and Corcoran, William H., 4,492,588, Cl. 44-1.00R.

Corcuff, Pierre: *See*—
Abrioux, Andre H.; Corcuff, Pierre; and Leveque, Jean L., 4,494,555, Cl. 128-755.000.

Cordani, Roberto: *See*—
Albouy, Pierre; Salahun, Yves; Botquin, Francois; and Cordani, Roberto, 4,540,852, Cl. 179-18.0FA.

Cordea, James N.; Jasper, Joseph C.; and Sheth, Harshad V., to Armco Inc. Austenitic stainless steel and drill collar. 4,502,886, 3-5-85, Cl. 75-125.000.

Cordeiro, August V., to Electric Terminal Corporation. Tool for assembling insulated connector. 4,557,048, 12-10-85, Cl. 29-863.000.

Cordell Engineering, Inc.: *See*—
Mears, Eric, 4,531,821, Cl. 354-320.000.

- Cordella, Johannes: *See—*
  - Scheurecker, Werner; Scheinecker, Alois; Cordella, Johannes; and Engel, Kurt, 4,546,547, Cl. 33-182.000.
- Corder, Thomas E.: *See—*
  - Pezzolo, Donald E.; Pfeiffer, James W.; and Corder, Thomas E., 4,521,843, Cl. 364-145.000.
  - Pfeiffer, James W.; and Corder, Thomas E., 4,508,943, Cl. 200-17.00R.
- Corderman, Donald G.: *See—*
  - Carpenter, James H.; and Corderman, Donald G., 4,509,300, Cl. 51-435.000.
- Cordes, Charles. Drum brush. 4,559,860, 12-24-85, Cl. 84-422.00S.
- Cordes, Harry D.; Haberer, Thomas G.; and Verrando, Marcel G., III, to Pall Corporation. Valves for desiccant dryers. 4,525,183, 6-25-85, Cl. 55-179.000.
- Cordi, Alexis A.: *See—*
  - Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.
- Cordiano, Ettore, to Corint S.r.L. Valve for power-steering systems. 4,524,631, 6-25-85, Cl. 74-388.0PS.
- Cordier, Bernard; and Berge, Christian, to Societe Nationale Elf Aquitaine (Production). System for detecting a native reservoir fluid in a well bore. 4,520,665, 6-4-85, Cl. 73-155.000.
- Cordier, Georges, to Rhone-Poulenc Agrochimie. Process for the preparation of meta-halogenoanilines. 4,495,368, 1-22-85, Cl. 564-412.000.
- Cordier, Georges; and Fouilloux, Pierre, to Rhone-Poulenc Agrochimie. Process for the selective preparation of meta-chloroanilines. 4,532,350, 7-30-85, Cl. 564-412.000.
- Cordier, Georges, to Rhone-Poulenc Specialites Chimiques. Process for the preparation of trifluoroethanol. 4,533,771, 8-6-85, Cl. 568-842.000.
- Cordier, Georges, to Rhone-Poulenc Specialites Chimiques. Process for the preparation of metachlorophenols. 4,540,834, 9-10-85, Cl. 568-774.000.
- Cordier, Rose: *See—*
  - Jarret, Bertrand; Cordier, Rose; and Buffa, Gerard, 4,504,975, Cl. 455-608.000.
- Cordingley, David C.: *See—*
  - Andruchiw, Roman; Cordingley, David C.; and Loughborough, Mark T., 4,539,064, Cl. 156-379.700.
- Cordis Corporation: *See—*
  - Arenas, Alvaro; Box, John W.; Davis, Joseph H.; and Tataria, Harshad, 4,544,078, Cl. 220-256.000.
  - Barreras, Francisco J., 4,510,945, Cl. 128-696.000.
  - Barreras, Francisco J.; and Baker, Ira R., 4,556,061, Cl. 128-419.0PT.
  - Barreras, Francisco J.; and Martucci, James P., 4,558,702, Cl. 128-419.0PG.
  - Batina, William P.; and White, Robert M., 4,550,731, Cl. 128-419.0PT.
  - Batty, John R., Jr., 4,532,932, Cl. 128-631.000.
  - Batty, John R., Jr.; and Slocum, Chester D., 4,550,732, Cl. 128-419.0PG.
  - Bournay, Frederick M., Jr.; and Giurtino, Joel F., 4,545,381, Cl. 128-419.00P.
  - Brown, David C., 4,543,961, Cl. 128-667.000.
  - DeHaan, Abel, 4,515,873, Cl. 429-91.000.
  - DeHaan, Abel; and MacGregor, David C., 4,542,752, Cl. 128-784.000.
  - DeHaan, Abel, 4,543,304, Cl. 429-91.000.
  - DeHaan, Abel, 4,544,613, Cl. 429-91.000.
  - Dorman, Frederick S.; and Peers-Trevarton, Charles A., 4,541,681, Cl. 339-100.000.
  - Garcia, Leonard M., 4,516,584, Cl. 128-785.000.
  - Gold, Philip, 4,534,363, Cl. 128-772.000.
  - Harris, Donald L., 4,548,607, Cl. 604-891.000.
  - Harris, Donald L., 4,557,722, Cl. 604-9.000.
  - Heimer, Malcolm L., 4,521,743, Cl. 330-296.000.
  - Herscovici, Harry, 4,543,956, Cl. 128-419.0PG.
  - Hooven, Michael D., 4,540,400, Cl. 604-9.000.
  - Hooven, Michael D., 4,557,721, Cl. 604-9.000.
  - Livingston, John H.; and Yomtov, Barry M., 4,561,444, Cl. 128-419.0PG.
  - MacGregor, David C.; and Margules, Gary S., 4,506,793, Cl. 215-32.000.
  - Parsonnet, Victor, 4,541,440, Cl. 128-785.000.
  - Pecenka, Frank, 4,517,979, Cl. 128-325.000.
  - Peers-Trevarton, Charles A., 4,540,236, Cl. 339-45.00R.
  - Pohndorf, Peter J., 4,512,351, Cl. 128-786.000.
  - Pohndorf, Peter J.; and Wesner, Walter H., 4,553,961, Cl. 604-175.000.
  - Saulson, Stanley H.; and Wesner, Walter H., 4,530,368, Cl. 128-784.000.
  - Schroeppel, Edward A., 4,543,955, Cl. 128-635.000.
  - Schroeppel, Edward A., 4,545,380, Cl. 128-419.00P.
  - Slocum, Chester D.; and Batty, John R., Jr., 4,494,545, Cl. 128-419.00P.
  - Slocum, Chester D., 4,528,987, Cl. 128-696.000.
  - Slocum, Chester D.; and Cutolo, Vincent T., 4,543,953, Cl. 128-419.0PT.
  - Tarjan, Peter P., 4,537,791, Cl. 427-2.000.
  - Tarjan, Peter P., 4,538,624, Cl. 128-784.000.
  - Tarjan, Peter P.; Miller, Sandra L.; and Martin, John, 4,549,556, Cl. 128-785.000.
  - Tucci, Charles A., 4,545,367, Cl. 128-1.00R.
  - Vollmann, William; and Mumford, Van E., 4,561,442, Cl. 128-419.0PG.
- Cordis Europa N.V.: *See—*
  - Feijen, Jan; and Hennink, Wilhelmus E., 4,526,714, Cl. 260-112.00R.
  - Koning, Gerrit; and Bergveld, Piet, 4,534,825, Cl. 156-644.000.
  - Van Der Velden, Paulus M., 4,552,625, Cl. 204-1.00T.
- Cordova, Colleen W.; Mago, Brij M.; Turner, Garland L.; and Braswell, William D., to Allied Corporation. High strength hollow filament yarn. 4,548,866, 10-22-85, Cl. 428-398.000.
- Cordova, Elmer R.; and Cordova, Jeffrey D. Vault machine. 4,560,335, 12-24-85, Cl. 425-62.000.
- Cordova, Jeffrey D.: *See—*
  - Cordova, Elmer R.; and Cordova, Jeffrey D., 4,560,335, Cl. 425-62.000.
- Cordt, Werner: *See—*
  - Hahn, Helmuth; Cordt, Werner; and Borm, Winfried, 4,539,683, Cl. 371-15.000.
- Cordts, Bernhard F., to Varian Associates, Inc. Ferromagnetic films for high density recording and methods of production. 4,520,040, 5-28-85, Cl. 427-38.000.
- Cordts, Howard P.; and Karloske, Joan E., to Freeman Chemical Corporation. Aqueous liquid filled polyurethane gels and method of making the same. 4,517,326, 5-14-85, Cl. 524-310.000.
- Core-Form: *See—*
  - Kinard, George P., 4,532,745, Cl. 52-251.000.
- Core, Grant M. Round hay baling machine. 4,516,389, 5-14-85, Cl. 56-341.000.
- Core Industries, Inc.: *See—*
  - Feterl, Leon G., 4,553,898, Cl. 414-573.000.
- Core Laboratories, Inc.: *See—*
  - Barnaby, Harold T., 4,537,063, Cl. 73-38.000.
  - Barnaby, Harold T., 4,539,837, Cl. 73-55.000.
  - Freeman, David L.; and Bush, Darrell C., 4,555,934, Cl. 73-38.000.
  - Glodo, David O.; and McFaddin, James, 4,524,420, Cl. 364-497.000.
- Corea, William C.: *See—*
  - Campbell, Frank L.; Barnum, Dean C.; and Corea, William C., 4,492,275, Cl. 175-46.000.
  - Campbell, Frank L.; Barnum, Dean C.; and Corea, William C., 4,499,955, Cl. 175-46.000.
  - Campbell, Frank L.; Barnum, Dean C.; and Corea, William C., 4,499,956, Cl. 175-46.000.
- Coret & Company, Ltd.: *See—*
  - Ito, Takeshi, 4,515,325, Cl. 242-84.51R.
  - Kojima, Satoru, 4,508,328, Cl. 269-236.000.
- Corey, Frederick C.: *See—*
  - Von Grunberg, Hubertus; Corey, Frederick C.; and Rowell, Jonathan M., 4,491,340, Cl. 280-668.000.
  - Von Grunberg, Hubertus; Rowell, Jonathan M.; and Corey, Frederick C., 4,537,289, Cl. 188-97.400.
- Corey, John A., to Mechanical Technology Incorporated. Multi-cylinder hot gas engine. 4,522,030, 6-11-85, Cl. 60-525.000.
- Corey, John A. Heater head for stirling engine. 4,527,394, 7-9-85, Cl. 60-517.000.
- Corey, John A., to Mechanical Technology Incorporated. Stirling engine with air working fluid. 4,532,765, 8-6-85, Cl. 60-517.000.
- Corey, John A.; and Walsh, Michael M., to Mechanical Technology Incorporated. Means and method of balancing multi-cylinder reciprocating machines. 4,545,341, 10-8-85, Cl. 123-192.00B.
- Corey, Paul F.; and Kluender, Harold C., to Miles Laboratories, Inc. Conjugate addition of organocuprates generated from copper (I) cyanide and vinyl stannanes useful in prostaglandin analog synthesis. 4,543,421, 9-24-85, Cl. 560-106.000.
- Corey, Philip D., to Burroughs Corporation. Current source direct base drive for transistor power switches. 4,491,744, 1-1-85, Cl. 307-270.000.
- Corey, Victor B.: *See—*
  - Peters, Rex B.; Tonn, Jeffrey F.; Malametz, Arnold; Hilliker, Richard A.; and Corey, Victor B., 4,517,841, Cl. 73-517.0AV.
- Corfield, Brian L.; and Rowe, Raymond C., to Imperial Chemical Industries PLC. Manufacture of highlighted intagliated articles. 4,522,840, 6-11-85, Cl. 427-3.000.
- Corfield, John R.; and Miller, Andrew S., to Lilly Industries Limited. Preparation of cephalosporin intermediate compounds. 4,558,124, 12-10-85, Cl. 544-22.000.
- Corflex International, Inc.: *See—*
  - Auer, Jay R., 4,557,091, Cl. 52-282.000.
- Corint S.r.L.: *See—*
  - Cordiano, Ettore, 4,524,631, Cl. 74-388.0PS.
- Cork, Fay E., to GTE Automatic Electric Laboratories Incorporated. Damming of loading coil cable interface. 4,491,555, 1-1-85, Cl. 264-240.000.
- Corke, Nicholas T.: *See—*
  - Read, Michael R.; and Corke, Nicholas T., 4,517,340, Cl. 525-113.000.
- Corkins, H. Glenn: *See—*
  - Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.
- Corl, Paul D.: *See—*
  - Teslawski, Georg; and Corl, Paul D., 4,517,985, Cl. 128-660.000.
- Corless, Robert: *See—*
  - Lawson, Robert; Augustus, Jimmie R.; Corless, Robert; and Kardash, John, 4,508,939, Cl. 179-90.00B.

Corless, Robert W., to Comdial Technology Corporation. Energy management circuit. 4,547,629, 10-15-85, Cl. 179-81.00R.

Corley, John E.; Andert, Charles M.; Geen, Joseph H.; Wells, Wesley G.; and Lark, Russell D., to McDonnell Douglas Corporation. Hydraulic stop. 4,530,625, 7-23-85, Cl. 408-14.000.

Corley, Larry S., to Shell Oil Company. Heat curable polyepoxide resin blends. 4,503,200, 3-5-85, Cl. 525-532.000.

Corley, Larry S., to Shell Oil Company. Heat-curable composition. 4,544,732, 10-1-85, Cl. 528-90.000.

Corley, Larry S., to Shell Oil Company. Heat-curable compositions comprising an epoxy resin, an amine and a sulfonium salt. 4,554,342, 11-19-85, Cl. 528-90.000.

Corley, Quentin D., Jr. Vehicle cargo elevator with upright storage. 4,505,359, 3-19-85, Cl. 187-9.00R.

Corley, Sterling C.: *See—*

Mack, Michael H.; Corley, Sterling C.; and Cole, Leland G., 4,496,443, Cl. 204-130.000.

Corliss, John M.: *See—*

Talbert, Sherwood G.; Flanigan, Lawrence J.; Corliss, John M.; Hagopian, John G.; and Nunheimer, Thomas P., 4,557,253, Cl. 126-429.000.

Corma, Avelino C.; Mifsud, Amparo C.; and Perez, Joaquin P., to Synthesis Engineering Ltd. Silicates with high ion exchange capacity derived from sepiolite and processes for their production. 4,542,002, 9-17-85, Cl. 423-331.000.

Cornary, Yves; and Nicolas, Christian, to Service National Electricite de France. Temperature and hygrometry control and regulation interface. 4,546,917, 10-15-85, Cl. 236-44.00C.

Cormat, Inc.: *See—*

Pedrotte, Charles E., 4,504,999, Cl. 15-230.100.

Cormed, Inc.: *See—*

Jess, Thurman S., 4,500,269, Cl. 418-45.000.

Cormier, Alan D.: *See—*

Czaban, John D.; Cormier, Alan D.; and Legg, Kenneth D., 4,531,088, Cl. 324-71.100.

Cormier, Roger L.; Dugan, Robert J.; Guyette, Richard R.; Hankison, Ronald L.; Hao, Ming C.; Levin, Arthur L.; McClain, George A.; Wanish, Paul J.; and Zeitler, Carl, Jr., to International Business Machines Corporation. Method and apparatus for measurements of channel operation. 4,497,022, 1-29-85, Cl. 364-200.000.

Cormier, William E., Jr.; Pasquale, Gary M.; and Stover, William A., to Mobil Oil Corporation. Method of preparing a high-density cracking catalyst with reduced sulfur emissions from coke. 4,508,840, 4-2-85, Cl. 502-70.000.

Cormio, Ignazio, to Videocolor S.A. Process of fixing a deflection yoke onto the neck of a CRT. 4,515,568, 5-7-85, Cl. 445-3.000.

Cormio, Ignazio, to Videocolor S.A. Process and device ensuring the fixation on the neck of a cathode tube of the deviation collar of the tube. 4,554,589, 11-19-85, Cl. 358-248.000.

Corn, John E., to Ashland Oil, Inc. Method of continuously forming an acid fluoride from carbon monoxide, anhydrous hydrogen fluoride and an olefin. 4,495,110, 1-22-85, Cl. 260-544.00A.

Corn States Metal Fabricators, Inc.: *See—*

Carter, Russell W., 4,492,554, Cl. 425-383.000.

Corna, John F.; and Blais, Marcel H., to Statewide Pools, Inc. Method and apparatus for making swimming pools. 4,501,100, 2-26-85, Cl. 52-169.700.

Corneil, Dennis J.: *See—*

Waldhauser, Steven J.; and Corneil, Dennis J., 4,492,002, Cl. 15-320.000.

Cornelio, Francesco. Smoking blend effective to discourage the bad habit of smoking and cigarettes or the like obtained thereby. 4,492,239, 1-8-85, Cl. 131-270.000.

Cornelissen, Anton E., to Shell Oil Company. Apparatus for counter-current contact of fluids. 4,541,724, 9-17-85, Cl. 366-290.000.

Cornelissen, Anton E.: *See—*

Blauwhoff, Petrus M. M.; and Cornelissen, Anton E., 4,551,233, Cl. 208-106.000.

Cornelissen, Daniel R. W.: *See—*

Lutticken, Heinrich D.; and Cornelissen, Daniel R. W., 4,530,831, Cl. 424-89.000.

Cornelissen, Johannes M.; Lagerwaard, Cornelis A.; and Martens, Rudolf J., to Lever Brothers Company. Low temperature bleaching detergent compositions comprising peracids and persalt activator. 4,547,305, 10-15-85, Cl. 252-94.000.

Cornelius, Billie G. Metal detector with spring loaded hinged support. 4,529,937, 7-16-85, Cl. 324-326.000.

Cornelius Company, The: *See—*

Austin, Forrest L.; and Bebeau, Jerald R., 4,509,690, Cl. 239-429.000.

Austin, Forrest L., 4,549,675, Cl. 222-129.100.

McMillin, John R.; and Strandwitz, Peter, 4,560,089, Cl. 222-14.000.

Cornelius, Edward B.: *See—*

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,513,093, Cl. 502-84.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,549,958, Cl. 208-253.000.

Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Kmecak, Ronald A.; Kovach, Stephen M.; and Hettinger, William P., Jr., 4,561,968, Cl. 208-120.000.

Cornelius, Erwin D., to M & W Gear Company. Door operating mechanism for gravity type farm wagon. 4,523,690, 6-18-85, Cl. 220-262.000.

Cornelius, Rajendra S.; Martin, Albert R.; Lunk, Hans E.; and Mendenhall, Mark D., to Raychem Corporation. High frequency attenuation core and cable. 4,499,438, 2-12-85, Cl. 333-1.000.

Cornelius, Walter: *See—*

Klomp, Edward D.; and Cornelius, Walter, 4,502,635, Cl. 239-251.000.

Cornell, David D.: *See—*

Lentz, Carl M.; Overton, James R.; and Cornell, David D., 4,506,092, Cl. 560-103.000.

Lentz, Carl M.; Overton, James R.; and Cornell, David D., 4,507,493, Cl. 560-103.000.

Cornell Dubilier Electronics Inc.: *See—*

Pitel, Ira J., 4,523,129, Cl. 315-291.000.

Pitel, Ira J., 4,523,130, Cl. 315-291.000.

Cornell, Howell N., to Keller Industries, Inc. Folding chair. 4,536,026, 8-20-85, Cl. 297-39.000.

Cornell, Paul A., to Pan Electric Corporation. Cable clamping device. 4,548,462, 10-22-85, Cl. 339-266.00R.

Cornell Research Foundation, Inc.: *See—*

Ast, Dieter G., 4,523,625, Cl. 164-461.000.

Bauman, Dale E.; and Sejrsen, Kris, 4,521,409, Cl. 514-21.000.

Bowers, William S., 4,540,830, Cl. 568-651.000.

Bowers, William S., 4,542,150, Cl. 514-456.000.

Chao, Pane-Chane; and Ku, Walter H., 4,536,942, Cl. 29-571.000.

Chao, Pane-Chane; and Ku, Walter H., 4,551,905, Cl. 29-571.000.

Cummins, James N.; Aldwinckle, Herb S.; and Byers, Ross E., 4,516,353, Cl. 47-58.000.

Donaldson, William R.; and Tang, Chung L., 4,537,990, Cl. 564-63.000.

Drost, Cornelis J., 4,550,606, Cl. 73-626.000.

Horodeck, Richard A., 4,544,276, Cl. 400-110.000.

Kosikowski, Frank V., 4,515,815, Cl. 426-40.000.

Mankowski, Leonard E., 4,555,889, Cl. 52-726.000.

Nathanielsz, 4,500,523, Cl. 514-178.000.

Nulman, Jaime; and Krusius, J. Peter, 4,496,419, Cl. 156-643.000.

Raj, Rishi; and Baik, Sunggi, 4,552,711, Cl. 264-65.000.

Rizvi, Syed S. H.; and Gossett, Patricia W., 4,512,182, Cl. 73-64.100.

Rizvi, Syed S. H., 4,543,735, Cl. 34-15.000.

Saxena, Brij B.; and Rathnam, Premila, 4,560,649, Cl. 435-7.000.

Sigrimis, Nick A.; and Scott, Norman R., 4,510,495, Cl. 340-825.540.

Steinkraus, Keith H., 4,496,599, Cl. 426-430.000.

Cornell, William D.; and Evans, Carnot, to Sherwood Medical Company. Lancet injector. 4,503,856, 3-12-85, Cl. 128-314.000.

Cornely, Wolfgang; Esser, Heinz; and Schmidt, Rudolf, to Bergwerksverband GmbH. Method of coating geological formations as well as air- and fire barriers. 4,510,180, 4-9-85, Cl. 427-136.000.

Cornely, Wolfgang: *See—*

Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, 4,497,595, Cl. 405-261.000.

Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, 4,525,103, Cl. 405-261.000.

Cornet, Jean, to Thomson-CSF. Optical disc humidity protected. 4,517,574, 5-14-85, Cl. 346-135.100.

Cornet, Jean; Lange, Francois; Le Carvennec, Francois; Lehureau, Jean-Claude; and Rascle, Roger, to Thomson-CSF. Protected optical disc comprising a flexible closure element. 4,551,733, 11-5-85, Cl. 346-137.000.

Cornet, Jean: *See—*

Lange, Francois; and Cornet, Jean, 4,536,868, Cl. 369-284.000.

Cornet, Julien; and Van Laethem, Robert, to Glaverbel. Coating vitreous substrates. 4,522,847, 6-11-85, Cl. 427-55.000.

Cornett, Donald F.: *See—*

Rodth, Joseph J.; Smith, Ira A., Jr.; and Cornett, Donald F., 4,555,045, Cl. 222-1.000.

Cornett, Frank N., to HRB-Singer, Inc. Frequency shift keyed demodulation system. 4,554,509, 11-19-85, Cl. 329-105.000.

Corney, Andrew C.: *See—*

Sealey, Graham P.; and Corney, Andrew C., 4,554,831, Cl. 73-304.00R.

Corney, John D.: *See—*

Meeks, Jasper L.; and Corney, John D., 4,532,040, Cl. 210-222.000.

Corney, John M., to Marconi Avionics Limited. Similar-redundant signal systems. 4,532,630, 7-30-85, Cl. 371-68.000.

Cornick, John A., to U.S. Philips Corporation. Corrugated semiconductor device. 4,524,376, 6-18-85, Cl. 357-55.000.

Cornick, Keith: *See—*

Ko, Yu M.; and Cornick, Keith, 4,500,834, Cl. 324-52.000.

Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August, to Ruhrchemie Aktiengesellschaft; and M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method for the production of homogeneous coatings of two or more metals and/or metal compounds. 4,510,182, 4-9-85, Cl. 427-162.000.

Cornils, Boy; Weber, Jurgen; Tihanyi, Bela; and DeWin, Werner, to Ruhrchemie Aktiengesellschaft; and M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Solar-selective layers and method for producing same. 4,511,439, 4-16-85, Cl. 204-37.100.

Cornils, Boy; Hibbel, Josef; Linder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner, to Ruhrchemie Aktiengesellschaft. Process for the preparation of aldehydes. 4,523,036, 6-11-85, Cl. 568-454.000.

Cornils, Boy; Wiebus, Ernst; and Breitkopf, Norbert, to Ruhrchemie Aktiengesellschaft. Method for purifying N,N-dimethylaminopropylamine. 4,532,354, 7-30-85, Cl. 564-498.000.

- Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm. to Ruhrchemie Aktiengesellschaft. Process for the hydroformylation of olefins. 4,533,755, 8-6-85, Cl. 568-454.000.
- Cornils, Boy: *See—*
  - Erben, Edwin; Muhlratzer, August; Bertinger, Roland; Cornils, Boy; Tihanyi, Bela; and DeWin, Werner, 4,551,328, Cl. 423-607.000.
  - Gartner, Roderich; Cornils, Boy; Bexten, Ludger; and Kupies, Dieter, 4,504,588, Cl. 502-24.000.
- Corning Glass Works: *See—*
  - Adamowicz, John A.; Schlup, John R.; and Spotz, Mark S., 4,549,931, Cl. 162-145.000.
  - Albertsen, Peter S., 4,494,525, Cl. 126-289.000.
  - Andrieu, Andre; Davot, Jean-Pierre P.; and Thibieroz, Jean-Pierre A. M., 4,526,872, Cl. 501-4.000.
  - Araujo, Roger J.; Hares, George B.; Kerko, David J.; Morgan, David W.; and Morse, David L., 4,549,894, Cl. 65-30.110.
  - Baker, Richard, 4,509,212, Cl. 455-612.000.
  - Barlier, Pernette R. M.; Boury, Gerard R.; and Mazeau, Jean-Pierre, 4,532,221, Cl. 501-22.000.
  - Barlier, Pernette R. M.; and Mazeau, Jean-Pierre, 4,532,223, Cl. 501-32.000.
  - Beall, George H.; MacDowell, John F.; and Taylor, Mark P., 4,519,828, Cl. 65-33.000.
  - Beall, George H.; Borrelli, Nicholas F.; and Morse, David L., 4,526,873, Cl. 501-5.000.
  - Belmonte, James A.; and Hillman, Arthur E., 4,557,962, Cl. 428-117.000.
  - Berkey, George E., 4,561,871, Cl. 65-3.110.
  - Bhagavatula, Venkata A.; and Keck, Donald B., 4,494,968, Cl. 65-3.120.
  - Bhagavatula, Venkata A., 4,494,969, Cl. 65-3.120.
  - Bhagavatula, Venkata A.; and Nolan, Daniel A., 4,549,781, Cl. 350-96.300.
  - Blanding, Wendell S.; Johnson, Ronald E.; and Van Dewoestine, Robert V., 4,549,928, Cl. 156-660.000.
  - Blanding, Wendell S.; Johnson, Ronald E.; and Van Dewoestine, Robert V., 4,557,798, Cl. 156-660.000.
  - Bonzo, Roy T., 4,557,773, Cl. 156-64.000.
  - Borrelli, Nicholas F.; Keck, Donald B.; Morse, David L.; and Sachenik, Paul A., 4,501,468, Cl. 350-96.250.
  - Borrelli, Nicholas F.; Morse, David L.; and Sachenik, Paul A., 4,514,053, Cl. 350-162.200.
  - Borrelli, Nicholas F.; and Trotter, Donald M., 4,518,222, Cl. 350-167.000.
  - Borrelli, Nicholas F.; Hares, George B.; Smith, Dennis W.; and Wedding, Brent M., 4,537,612, Cl. 65-30.110.
  - Boudot, Jean E.; Mazeau, Jean P.; and Prassas, Michel, 4,540,672, Cl. 501-65.000.
  - Bradshaw, Randolph F.; and Carey, Glen A., 4,539,854, Cl. 73-864.180.
  - Brezinski, Donald P., 4,495,052, Cl. 204-435.000.
  - Brown, Patrick C., 4,500,043, Cl. 242-45.000.
  - Casella, Linda J., 4,492,712, Cl. 426-59.000.
  - Casella, Linda J., 4,492,715, Cl. 426-646.000.
  - Chyung, Kenneth; Schultz, Peter C.; and Taylor, Mark P., 4,554,197, Cl. 428-113.000.
  - Covington, Arthur K.; and Sibbald, Alastair, 4,502,938, Cl. 204-412.000.
  - Covington, Arthur K.; and Sibbald, Alastair, 4,514,276, Cl. 204-415.000.
  - Crossman, Tommy L., 4,500,549, Cl. 426-33.000.
  - Darcangelo, Charles M.; Montierth, Max R.; and Ni, Yang-Chou M., 4,514,205, Cl. 65-12.000.
  - DeAngelis, Thomas P., 4,514,268, Cl. 204-67.000.
  - DeAngelis, Thomas P., 4,534,835, Cl. 204-67.000.
  - DeAngelis, Thomas P., 4,540,475, Cl. 204-67.000.
  - Elmer, Thomas H.; and Fehlner, Francis P., 4,491,392, Cl. 350-357.000.
  - Fay, Robert C.; and Thompson, David A., 4,558,144, Cl. 556-40.000.
  - Flannery, James E.; Stempin, John L.; and Wexell, Dale R., 4,536,480, Cl. 501-32.000.
  - Flannery, James E.; Stempin, John L.; and Wexell, Dale R., 4,536,481, Cl. 501-32.000.
  - Gardner, Robert W.; Guile, Donald L.; and Lynn, Merrill, 4,551,295, Cl. 264-177.00R.
  - Golino, Carlo M.; Lachman, Irwin M.; and Nordlie, Lawrence A., 4,532,228, Cl. 502-261.000.
  - Hoda, Syed N.; and Olszewski, Anthony R., 4,559,264, Cl. 428-324.000.
  - Johnson, Ronald E.; Rajnik, Lawrence S.; and Wu, Lung-ming, 4,532,175, Cl. 428-220.000.
  - Kar, Gitimoy; and Mensah, Thomas O., 4,531,959, Cl. 65-3.110.
  - Kerko, David J.; Morgan, David W.; and Thompson, Richard W., 4,550,087, Cl. 501-13.000.
  - Luong, John C., 4,560,399, Cl. 65-18.100.
  - Luong, John C.; and Scherer, George W., 4,561,872, Cl. 65-18.100.
  - Majestic, Peter J., 4,527,035, Cl. 219-69.00W.
  - Mann, George H., 4,498,919, Cl. 65-30.110.
  - Maschmeyer, Richard O., 4,537,473, Cl. 350-432.000.
  - Miller, Stephen B.; Stewart, Ronald L.; and Thompson, David A., 4,501,602, Cl. 65-18.200.
  - Montierth, Max R., 4,557,682, Cl. 425-121.000.
  - Morse, Theodore F., 4,507,135, Cl. 65-3.120.
  - Nayak, Ashok L.; and Spremulli, Paul F., 4,493,557, Cl. 366-300.000.
  - Noll, Lee A., 4,514,499, Cl. 435-240.000.
  - O'Connell, Dennis M., 4,512,666, Cl. 366-249.000.
  - Prindle, William A., 4,509,651, Cl. 211-70.600.
  - Quan, Frederic J., 4,561,719, Cl. 350-96.210.
  - Rajnik, Lawrence S., 4,508,031, Cl. 101-41.000.
  - Rittler, Hermann L., 4,507,392, Cl. 501-4.000.
  - Sarkar, Arnab, 4,528,009, Cl. 65-3.120.
  - Scherer, George W., 4,541,855, Cl. 65-18.100.
  - Souza, Raymond L., 4,495,053, Cl. 204-435.000.
  - Stempin, John L.; and Wexell, Dale R., 4,536,452, Cl. 428-433.000.
  - Taylor, Mark P., 4,511,663, Cl. 501-4.000.
  - Tennent, David L.; and Sharma, Bhavender P., 4,522,924, Cl. 501-2.000.
  - Thompson, David A., 4,500,722, Cl. 549-429.000.
  - Thompson, David A., 4,511,515, Cl. 260-429.200.
  - Thompson, David A., 4,529,805, Cl. 549-206.000.
  - Tick, Paul A., 4,537,864, Cl. 501-30.000.
  - Trotter, Donald M., Jr., 4,526,785, Cl. 428-209.000.
  - Weetall, Howard H., 4,500,554, Cl. 426-323.000.
  - Wusirika, Raja R., 4,546,089, Cl. 501-96.000.
- Cornish, Anthony L.: *See—*
  - Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,534, Cl. 371-9.000.
  - Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,535, Cl. 371-11.000.
- Cornish, William D.; and Hewitt, Lawrence B., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence. Self-biasing broadband frequency divider. 4,533,886, 8-6-85, Cl. 333-218.000.
- Corno, Maria L.: *See—*
  - Doria, Gianfederico; Passarotti, Carlo; and Corno, Maria L., 4,558,046, Cl. 514-227.000.
- Cornu, Aime; and Perroud, Anne-Marie, to Commissariat a l'Energie Atomique. Candoluminescent material and its preparation. 4,532,073, 7-30-85, Cl. 252-492.000.
- Cornu, Roger; and Meier, Pierre-Andre, to Technobal S.A. Contact device for use in the testing of printed circuits and a removable contact head for use in such a device. 4,560,926, 12-24-85, Cl. 324-158.00P.
- Cornwall, Harry J.; and Hanebrink, Daniel E. Two wheel trailer. 4,522,425, 6-11-85, Cl. 280-656.000.
- Cornwell, Charles E. Hydraulic cement composition and method for use as protective coating for substrates. 4,495,228, 1-22-85, Cl. 427-385.500.
- Cornwell, Dean F., to United Technologies Corporation. Noninterference optical error sensing system. 4,547,662, 10-15-85, Cl. 250-201.000.
- Cornwell, Kenyon L.: *See—*
  - Schwartz, Charles A.; and Cornwell, Kenyon L., 4,557,103, Cl. 53-111.00R.
- Cornwell, Ross E., Jr.; Czech, John F.; and Domoleczny, James D., to Zenith Electronics Corporation. Tiltable display monitor assembly. 4,533,105, 8-6-85, Cl. 248-371.000.
- Corompt, Antoine, to Bennes Marrel. Method and apparatus for unloading a piece of equipment placed on a carrying vehicle. 4,548,541, 10-22-85, Cl. 414-479.000.
- Corona, Antonio; and Corona, Franco O. Multiple bit screwdriver with improved chuck arrangement. 4,552,043, 11-12-85, Cl. 81-490.000.
- Corona, Antonio; and Corona, Franco O. Multibit screwdriver with improved bit insertion. 4,552,044, 11-12-85, Cl. 81-490.000.
- Corona, Franco O.: *See—*
  - Corona, Antonio; and Corona, Franco O., 4,552,043, Cl. 81-490.000.
  - Corona, Antonio; and Corona, Franco O., 4,552,044, Cl. 81-490.000.
- Corona, Oscar M. Composite holder and opener for use with an expresso coffeemaker. 4,491,040, 1-1-85, Cl. 81-3.10R.
- Corona, Stephen C.: *See—*
  - Hammond, Thomas J.; Lama, William L.; Northrup, Karl A.; and Corona, Stephen C., 4,533,853, Cl. 315-117.000.
- Coronado, Hector M. Laminated wood coupling arrangement. 4,535,019, 8-13-85, Cl. 428-106.000.
- Coronado, Rodolfo A. Drafting tool support apparatus. 4,503,981, 3-12-85, Cl. 211-69.500.
- Coronado, Rodolfo A. Device for picking up and handling drafting templates, triangles and the like. 4,516,800, 5-14-85, Cl. 294-64.100.
- Coronelli, Carolina: *See—*
  - Borghi, Angelo; Pallanza, Rosa; Coronelli, Carolina; and Cassani, Giovanni, 4,542,018, Cl. 424-119.000.
- Corpane Industries: *See—*
  - Hoppestad, Lamont I.; and Blanos, George A., 4,528,997, Cl. 134-184.000.
- Corpataux, Marcel, to USIFLAMME S.A. Clip for writing pen or similar object. 4,516,869, 5-14-85, Cl. 401-131.000.
- Corporation of the Town of Vaughan, The: *See—*
  - Campbell, R. Clark; and Townsend, D. Ronald, 4,522,533, Cl. 405-36.000.
- Corrado, Giovanni. Unsaturated polyester-based products. 4,540,741, 9-10-85, Cl. 525-43.000.
- Corral, Allan B.: *See—*
  - Duder, Richard A.; and Corral, Allan B., 4,535,810, Cl. 137-596.170.

- Corral, Jose R.: *See—*
  - Beseme, Jean H.; Corral, Jose R.; and Glotin, Bernard J., 4,559,709, Cl. 33-178.00F.
- Corrales, Patrick G.: *See—*
  - Borsuk, Leslie M.; and Corrales, Patrick G., 4,516,829, Cl. 350-96.200.
- Correale, Mariano: *See—*
  - Maggioni, Paolo; Minisci, Francesco; and Correale, Mariano, 4,542,229, Cl. 549-462.000.
- Correll, Charles. Visual aid apparatus for viewing objects beneath water surface. 4,553,819, 11-19-85, Cl. 350-319.000.
- Correll, Harold E.: *See—*
  - Brown, Richard P.; and Correll, Harold E., 4,552,194, Cl. 152-410.000.
- Correll, Ronald E., to Tektronix, Inc. Traveling wave push-pull electron beam deflector with pitch compensation. 4,507,586, 3-26-85, Cl. 315-3.000.
- Correlli, Antonino E. Sheet metal bending position marker system. 4,519,143, 5-28-85, Cl. 33-189.000.
- Corrente, Russell J. Wearable fishing rod holder. 4,546,566, 10-15-85, Cl. 43-21.200.
- Corrette, Richard H., to Colt Industries Operating Corp. Thread rolling dies for forming self tapping screws and the like. 4,546,639, 10-15-85, Cl. 72-469.000.
- Corrie, John D.; and Tooley, Mark A., to Westinghouse Brake and Signal Co., Ltd. Vital transmission checking apparatus for communication channels. 4,494,717, 1-22-85, Cl. 246-28.00F.
- Corrie, John D.: *See—*
  - Brown, Christopher R.; Corrie, John D.; and Wilson, William G. J., 4,517,673, Cl. 371-36.000.
- Corrigall, Don J.; Hansen, Floyd D.; and Kujawa, James R., to Miller Electric Manufacturing Company. Welding gun with multi-directional switch. 4,540,871, 9-10-85, Cl. 219-137.630.
- Corrigan, Charles E.; and Dodge, Paul R., to Garrett Corporation, The. Combustion turbine engine. 4,497,171, 2-5-85, Cl. 60-39.750.
- Corrigan, Francis R.: *See—*
  - Bovenkerk, Harold P.; Gigl, Paul D.; and Corrigan, Francis R., 4,536,442, Cl. 428-323.000.
- Corrigan, John J., to Anton/Bauer, Inc. Battery pack connection. 4,550,968, 11-5-85, Cl. 339-91.00R.
- Corrigan, John J., to Anton/Bauer, Inc. Modular light assembly. 4,554,621, 11-19-85, Cl. 362-382.000.
- Corrigan, John J., III, to Anton/Bauer, Inc. Electrical connector and receptacle. 4,518,217, 5-21-85, Cl. 339-183.000.
- Corrigan, Nigel M. Radio transmitting and receiving apparatus. 4,549,309, 10-22-85, Cl. 455-78.000.
- Corrigan, Patrick J.; King, Richard M.; and VanDiest, Scott A., to Procter & Gamble Company, The. Regeneration of copper chromite hydrogenation catalyst. 4,533,648, 8-6-85, Cl. 502-38.000.
- Corrigan, Peter E.: *See—*
  - Moore, John T.; Corrigan, Peter E.; and Gardner, James A., 4,513,277, Cl. 340-59.000.
- Corris, C. James; and Beck, Blaine E., to Cellutron Corporation. Regulated output current source for cordless telephones. 4,558,177, 12-10-85, Cl. 179-2.0EA.
- Corris, C. James; and Beck, Blaine E., to Cellutron Corporation. Optocoupler interfacing circuit. 4,558,183, 12-10-85, Cl. 179-84.00A.
- Corrosion Logging Service International: *See—*
  - Darilek, Glenn T.; and Cooper, Edward H., Jr., 4,542,344, Cl. 324-326.000.
- Corrugated Industry Development Corp.: *See—*
  - McGuire, Richard; and Donhowe, Herbert M., 4,497,027, Cl. 364-471.000.
- Corrugating Roll Corporation: *See—*
  - Sukenik, Robert J., 4,531,996, Cl. 156-472.000.
  - Sukenik, Robert J., 4,542,566, Cl. 29-125.000.
- Corry, Jon C., to Mason Corporation. Window sash positioner. 4,493,128, 1-15-85, Cl. 16-197.000.
- Corsello, Thomas. Multiple position bookstand. 4,553,728, 11-19-85, Cl. 248-452.000.
- Corsello, Vincent G.: *See—*
  - Carroll, Thomas J.; Corsello, Vincent G.; Glass, Michael; and Piccolo, Dominic J., 4,513,012, Cl. 426-5.000.
- Corsette, Douglas F. Manually operated dispensing pump. 4,494,680, 1-22-85, Cl. 222-321.000.
- Corsette, Douglas F. Liquid dispensing pump. 4,496,082, 1-29-85, Cl. 222-153.000.
- Corsette, Douglas F. Dispensing pump adapted for pressure filling. 4,503,997, 3-12-85, Cl. 222-321.000.
- Corsette, Douglas F., to Calmar, Inc. Dispensing fitment for squeeze bottles. 4,506,809, 3-26-85, Cl. 222-213.000.
- Corsette, Douglas F. Manually actuated pump having pliant piston. 4,511,065, 4-16-85, Cl. 222-153.000.
- Corsette, Douglas F. Nozzle insert for a fluid dispenser. 4,515,315, 5-7-85, Cl. 239-491.000.
- Corsette, Douglas F. Designer's triangle. 4,545,130, 10-8-85, Cl. 33-474.000.
- Corsetti, John A. Lamp socket attachment. 4,548,449, 10-22-85, Cl. 339-154.00L.
- Corso, Fausto. Viewer for reading and/or displaying information recorded on written or printed tape. 4,555,859, 12-3-85, Cl. 40-457.000.
- Corsover, William L.; Hoffman, Kenneth P.; McCann, William F.; and Wooden, Billy J. Expansion joint system. 4,533,278, 8-6-85, Cl. 404-65.000.
- Cortec, Wellpappenmaschinenhandels und Service GmbH: *See—*
  - Schwardt, Manfred, 4,531,929, Cl. 493-55.000.
- Cortellini, Conrad, to Moorfeed Corporation. Holographic imager. 4,520,387, 5-28-85, Cl. 358-90.000.
- Cortes, Hernan J.; and Davis, James C., to Dow Chemical Company, The. Method and apparatus for analyzing latexes. 4,529,521, 7-16-85, Cl. 210-635.000.
- Cortese, Nicholas A., Jr.; and Gastrock, William H., to American Cyanamid Company. Method for the preparation of 1,5-bis-aryl-1,4-pentadien-3-ones. 4,521,629, 6-4-85, Cl. 568-313.000.
- Cortesi, Vincent T.: *See—*
  - MacKeighen, Harold R.; and Cortesi, Vincent T., 4,532,260, Cl. 521-84.100.
- Cortex Research Corporation: *See—*
  - Fosslien, Egil, 4,527,438, Cl. 73-864.810.
- Corti, Costante: *See—*
  - Caporiccio, Gerardo; Viola, Gian T.; and Corti, Costante, 4,500,739, Cl. 568-677.000.
- Corti, Mario; and Parmigiani, Fulvio, to CISE Centro Informazioni Studi Esperienze S.p.A. Apparatus for detecting the displacements of points of excited structures. 4,526,465, 7-2-85, Cl. 356-35.500.
- Cortinovis S.p.A.: *See—*
  - Witherden, Alan, 4,558,563, Cl. 57-266.000.
- Cortolano, Frank P.: *See—*
  - Steinberg, David H.; Seltzer, Raymond; Luzzi, John J.; and Cortolano, Frank P., 4,534,874, Cl. 252-51.50A.
- Corvari, John; Ulvr, Joseph; and Alas, Raigo, to United States of America, America Postal Service. Apparatus and process for scanning and analyzing mail information. 4,516,264, 5-7-85, Cl. 382-46.000.
- Corvent International Limited: *See—*
  - Snowden, Wesley R.; and Walter, Erhard P., 4,526,277, Cl. 211-46.000.
- Corvers, Antonius; and Mulders, Joannes M. C. A., to Stamicarbon B.V. Preparation of derivatives of dichloroacetic acid esters. 4,542,220, 9-17-85, Cl. 546-341.000.
- Corville, Richard E., to BOC Group, Inc., The. Workpiece accumulating and transporting apparatus. 4,498,832, 2-12-85, Cl. 414-217.000.
- Corwin, Michael A.; and Foster, George N., to Union Carbide Corporation. Anti-block compounds for extrusion of transition metal catalyzed resins. 4,540,538, 9-10-85, Cl. 264-211.000.
- Corwin, Richard R.; and Moorman, Stephen L., to Beta Industries, Inc. Apparatus and method for determining the configuration of a reflective surface. 4,498,770, 2-12-85, Cl. 356-349.000.
- Cory, John H.; and Zuckerman, Ben H. Positioning assembly for a furniture panel or like component. 4,559,658, 12-24-85, Cl. 5-433.000.
- Cory, John M.; Varney, Edward W.; Babcock, Jon A.; and Pupillo, Andrew, to Posi-Seal International, Inc. Fail-safe actuator for rotary valves. 4,533,114, 8-6-85, Cl. 251-67.000.
- Cory, Theodore M.: *See—*
  - Allen, Wade H.; Cory, Theodore M.; and Thornton, Raymond A., 4,556,959, Cl. 364-900.000.
- Corzine, Robert G.; and Mosko, Joseph A., to United States of America, Navy. Integrated spiral antenna and printed circuit balun. 4,525,720, 6-25-85, Cl. 343-895.000.
- Cosar, Paul: *See—*
  - Dutu, Jacques; and Cosar, Paul, 4,555,992, Cl. 110-229.000.
- Cosby, Theodore E.; and Cunningham, Patrick J., to Cunningham, Patrick J. Variable resistance exercise apparatus and improved method of exercising. 4,521,012, 6-4-85, Cl. 272-73.000.
- Coscia, Charles M., to D. L. Auld Company, The. Decorative trim strips and process for making the same. 4,560,596, 12-24-85, Cl. 428-31.000.
- Coscia, Giovanni A., to Rutil S.r.l. Open mixer for the processing of rubber and plastics, provided with an additional roll. 4,491,416, 1-1-85, Cl. 366-73.000.
- Cosco, Inc.: *See—*
  - Martel, Lisa; Knoedler, Roy E.; and Gerken, Donald L., 4,545,613, Cl. 297-250.000.
- Cosden Technology, Inc.: *See—*
  - Butler, James R.; and Watson, James M., 4,538,017, Cl. 585-415.000.
  - Fortuna, Vincent; and MacLaughlin, Donald, 4,534,751, Cl. 493-108.000.
  - Fortuna, Vincent E.; and MacLaughlin, Donald N., 4,552,612, Cl. 156-494.000.
  - Hahn, Granville J., 4,496,408, Cl. 156-73.500.
  - Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., 4,499,041, Cl. 264-173.000.
  - Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., 4,507,071, Cl. 425-133.100.
  - Hahn, Granville J.; and Rutledge, Raleigh N., 4,512,395, Cl. 165-101.000.
  - Hahn, Granville J.; and Rutledge, Raleigh N., 4,512,943, Cl. 264-173.000.
  - Hahn, Granville J.; and Rutledge, Raleigh N., 4,548,570, Cl. 425-141.000.
  - Hahn, Granville J., 4,552,791, Cl. 428-35.000.
  - Morris, Jeffrey D.; and Fuller, Robert A., 4,542,196, Cl. 526-64.000.
  - Morris, Jeffrey D.; and Fuller, Robert A., 4,548,788, Cl. 422-109.000.
  - Morris, Jeffrey D.; and Fuller, Robert A., 4,550,149, Cl. 526-68.000.
  - Morris, Jeffrey D.; and Fuller, Robert A., 4,551,309, Cl. 422-135.000.
  - Morris, Jeffrey D.; and Fuller, Robert A., 4,551,510, Cl. 526-68.000.
  - Morris, Jeffrey D.; and Fuller, Robert A., 4,555,384, Cl. 422-109.000.

  - Murley, Jackie D.; and Johnson, Marion, 4,536,148, Cl. 425-387.100.
  - Murley, Jackie D.; and Johnson, Marion, 4,552,717, Cl. 264-549.000.
  - Rutledge, Raleigh N.; and Hahn, Granville J., 4,501,543, Cl. 425-191.000.
  - Rutledge, Raleigh N., 4,560,334, Cl. 425-4.00C.
  - Schwarz, Richard A., 4,520,136, Cl. 521-60.000.
  - Schwarz, Richard A., 4,548,956, Cl. 521-56.000.
  - Searl, Alonzo H.; Hahn, Granville J.; and Rutledge, Raleigh N., 4,526,736, Cl. 264-53.000.
  - Watson, James M.; and Bailey, Darrell E., 4,492,675, Cl. 422-187.000.
  - Watson, James M.; Butler, James R.; and Forward, Cleve H., 4,520,220, Cl. 585-467.000.
  - Watson, James M.; and Bailey, Darrell E., 4,558,169, Cl. 585-440.000.
- Cosentino, Cesare C.: *See—*
  - Hatzikelis, Christopher; Madonia, Ciro; and Cosentino, Cesare C., 4,493,806, Cl. 264-28.000.
  - Madonia, Ciro; Hatzikelis, Christopher; and Cosentino, Cesare C., 4,546,022, Cl. 428-31.000.
- Cosentino, Edward. Method and apparatus for laying tile. 4,503,654, 3-12-85, Cl. 52-747.000.
- Cosentino, Louis C., to Renal Systems, Inc. Percutaneous implant. 4,496,349, 1-29-85, Cl. 604-175.000.
- Cosentino, Louis C., to Renal Systems, Inc. Blood access device. 4,496,350, 1-29-85, Cl. 604-175.000.
- Cosentino, Louis C.: *See—*
  - Amiot, Bruce P.; Fuller, Larry E.; Martinez, Felix J.; Cosentino, Louis C.; Harm, William H.; and Nelson, Wayne I., 4,517,081, Cl. 210-85.000.
- Cosentino, Roberto F.; and Bonapace, Franco, to Pharmindev Limited. Process and apparatus for electrostatic coating of poorly conductive or non-conductive products. 4,510,170, 4-9-85, Cl. 427-33.000.
- Cosenza, Frank J., to Rexnord Inc. Double disc stud assembly for thin walled panels. 4,493,577, 1-15-85, Cl. 403-41.000.
- Cosenza, Frank J.; and Yamamoto, Albert K., to Rexnord Inc. Adapter for power tool installation of tangless helically coiled insert. 4,528,737, 7-16-85, Cl. 29-240.500.
- Cosenza, Frank J., to Rexnord Inc. Fastener of the hold-down type. 4,534,234, 8-13-85, Cl. 74-89.150.
- Cosenza, Frank J.; and Yamamoto, Albert K., to Rexnord Inc. Installation tool, tangless helically coiled insert. 4,553,302, 11-19-85, Cl. 29-240.500.
- Cosenza, Marino. Piling protector. 4,512,683, 4-23-85, Cl. 405-216.000.
- Coseo, Mary: *See—*
  - Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.
- Cosgrove, Eunice M. Post support and protector. 4,543,757, 10-1-85, Cl. 52-295.000.
- Cosgrove, Robert J., Jr.; and Smolen, Victor F., to PharmaControl Corporation. System for automatic feedback-controlled administration of drugs. 4,533,346, 8-6-85, Cl. 604-66.000.
- Cosgrove, Robert T.: *See—*
  - Page, Geoffrey A.; Tokoli, Emery G.; Cosgrove, Robert T.; and Spiewak, John W., 4,557,868, Cl. 260-245.890.
- Cosgrove, William J.: *See—*
  - White, Charles M.; and Cosgrove, William J., 4,499,488, Cl. 358-51.000.
- Cosimati, Robert O. Chili pepper harvester. 4,546,602, 10-15-85, Cl. 56-327.00R.
- Cosme, Peter A. Drawer slide assembly. 4,534,600, 8-13-85, Cl. 308-3.600.
- Cosmo, Nicola, to AMP Incorporated. Low profile chip carrier contact. 4,494,807, 1-22-85, Cl. 339-17.0CF.
- Cosmos, Pete; and Myers, Earl C., Jr., to AMP Incorporated. Latching-grounding blocks. 4,506,937, 3-26-85, Cl. 339-14.00R.
- Cosmos, Pete: *See—*
  - Casciotti, Albert; McCleerey, Earl W.; and Cosmos, Pete, 4,508,401, Cl. 339-14.00R.
- Cosper, David R.; and McKay, Gretchen L., to Nalco Chemical Company. Hydrotropes and uses thereof. 4,523,932, 6-18-85, Cl. 55-85.000.
- Cosper, David R.; and McKay, Gretchen L., to Nalco Chemical Company. Aqueous hydrotrope solutions for paint detackifiers. 4,554,026, 11-19-85, Cl. 134-38.000.
- Cossar Electronics Limited: *See—*
  - Bond, Kevin; and Watson, Brian W., 4,516,132, Cl. 343-815.000.
- Cosse, Guy; and Serres, Bernard. Memory device for lighting control purposes. 4,507,655, 3-26-85, Cl. 340-641.000.
- Cosse, Lionel, to Biscuiterie Nantaise-BN. Machine for making coated products such as biscuits or cookies. 4,502,376, 3-5-85, Cl. 99-450.400.
- Cosse, Lionel, to Biscuiterie Nantaise-BN. Apparatus for the transfer of articles between two machines. 4,549,647, 10-29-85, Cl. 198-461.000.
- Cossette & Associes: *See—*
  - Marmet, Yves, 4,491,726, Cl. 235-458.000.
- Cossette, Marcel: *See—*
  - Lalancette, Jean-Marc; Cossette, Marcel; and Delvaux, Pierre, 4,495,223, Cl. 427-215.000.
- Costa, Armando; and Morbin, Federico, to Ing. C. Olivetti & C., S.p.A. Screen for electrical circuits. 4,510,345, 4-9-85, Cl. 174-35.00R.
- Costa, Peter F.; and Whiteside, George D., to Polaroid Corporation. Bellows shielding structure. 4,508,440, 4-2-85, Cl. 354-187.000.
- Costa, Peter F.; and Whiteside, George D., to Polaroid Corporation. Camera erecting assembly. 4,542,967, 9-24-85, Cl. 354-187.000.
- Costa, Robert B., to RIS Irrigation Systems. Irrigation fitting with installation barb and associated barb installation tool. 4,522,339, 6-11-85, Cl. 239-272.000.
- Costabile, John J. Method and apparatus for producing a bulge in thin metal material. 4,513,598, 4-30-85, Cl. 72-62.000.
- Costabile, John J. Apparatus for producing a bulge in thin metal material. 4,557,128, 12-10-85, Cl. 72-62.000.
- Costantini, Michel; Igersheim, Francoise; and Krumenacker, Leon, to Rhone-Poulenc Sante. Process for the preparation of 4-hydroxy-2,4,6-trimethyl-2,5-cyclohexadienone. 4,560,801, 12-24-85, Cl. 568-362.000.
- Costarelli, Edoardo. Screw drier particularly for plastic materials. 4,520,724, 6-4-85, Cl. 100-935.000.
- Coste, Jean-Claude: *See—*
  - Naete, Hidehiko; Funaoka, Chihiro; Augello, Daniel; and Coste, Jean-Claude, 4,560,885, Cl. 307-10.00R.
- Coste, Steven D.: *See—*
  - Rado, David J.; and Coste, Steven D., 4,520,904, Cl. 187-29.00R.
- Costelli, Ugo: *See—*
  - Dotti, Giulio; Moretti, Luciano; and Costelli, Ugo, 4,531,707, Cl. 251-44.000.
- Costello, Christine A., to Calgon Corporation. Polyampholyte polymer. 4,533,708, 8-6-85, Cl. 526-295.000.
- Costello, Peter E.; Fossett, Lawrence D.; Lane, Michael S.; Quin, Terrence T.; and Smith, Nicholas K., to AT&T Bell Laboratories. ACD management information system. 4,510,351, 4-9-85, Cl. 179-27.00D.
- Costello, Samuel J.; and Sohne, Eric R., to Allied Corporation. Apparatus for crimping brush contacts. 4,509,255, 4-9-85, Cl. 29-753.000.
- Costello, Samuel J.: *See—*
  - Brandt, David S.; and Costello, Samuel J., 4,498,326, Cl. 72-318.000.
- Costerousse, Germain: *See—*
  - Philibert, Daniel; Teutsch, Jean G.; Costerousse, Germain; and Deraedt, Roger, 4,540,686, Cl. 514-179.000.
  - Teutsch, Jean G.; Costerousse, Germain; Philibert, Daniel; and Deraedt, Roger, 4,519,946, Cl. 260-239.55R.
- Costerton, J. W., to Rohm and Haas Company. Biomedical devices containing isothiazolones to control bacteria growth. 4,542,169, 9-17-85, Cl. 523-121.000.
- Costes, Didier, to Commissariat a l'Energie Atomique. Liquid metal-cooled nuclear reactor. 4,508,678, 4-2-85, Cl. 376-205.000.
- Costruzioni Aeronautiche Giovanni Agusta S.p.A.: *See—*
  - Caramaschi, Vittorio; and Castelli, Pier L., 4,516,909, Cl. 416-134.00A.
  - Caramaschi, Vittorio; and Castelli, Pier L., 4,521,157, Cl. 416-134.00A.
  - Caramaschi, Vittorio; and Castelli, Pier Luigi, 4,551,067, Cl. 416-140.000.
  - Pancotti, Santino; and Mariani, Renato, 4,512,717, Cl. 416-134.00A.
  - Pariani, Emilio, 4,538,961, Cl. 416-114.000.
  - Pariani, Emilio, 4,540,340, Cl. 416-145.000.
  - Pariani, Emilio, 4,549,851, Cl. 416-140.000.
- Costruzioni Elettromagnetiche Industriali di Tagliafico Carlo: *See—*
  - Tagliafico, Carlo, 4,520,332, Cl. 335-126.000.
- Costruzioni Meccaniche G. Mazzoni S.p.A.: *See—*
  - Mazzoni, Aldo, 4,510,110, Cl. 264-176.00R.
- Cosyns, Jean; and Boitiaux, Jean-Paul, to Societe Francaise des Produits pour Catalyse Pro-Catalyse. Process for selectively hydrogenating acetylenic hydrocarbons of a C_4 hydrocarbon cut containing butadiene. 4,547,600, 10-15-85, Cl. 585-259.000.
- Cosyns, Jean: *See—*
  - Deschamps, Andre; Cosyns, Jean; Le Page, Jean-Francois; and Hotier, Gerard, 4,505,880, Cl. 423-219.000.
- Cot, Louis: *See—*
  - Alary, Jean-Andre; Cot, Louis; Gugliermotte, Francis; Larbot, Andre; and Guizard, Christian, 4,562,021, Cl. 264-43.000.
- Cotchonis, N. Eugene. Golf ball position marker. 4,521,018, 6-4-85, Cl. 273-32.00A.
- Cote, Gerard G. M.; and Zuber, Bretislav P., to Northern Telecom Limited. Coilers. 4,518,129, 5-21-85, Cl. 242-78.000.
- Cote, Paul T., to General Electric Company. Capacitively ballasted low voltage incandescent lamp. 4,516,056, 5-7-85, Cl. 315-240.000.
- Cote, Roger A.: *See—*
  - Seufert, Wolf D.; and Cote, Roger A., 4,541,113, Cl. 382-4.000.
- Coten S.r.l.: *See—*
  - Tringali, Mario, 4,555,878, Cl. 52-81.000.
- Cothrell, LeRoy E.; and Fair, Raymond G., to Timesavers, Inc. Abrasive belt cleaning system. 4,525,955, 7-2-85, Cl. 51-135.00R.
- Cotie, Robert L., to C & H Contact Lens Inc. Composite ophthalmic lens system. 4,547,049, 10-15-85, Cl. 351-159.000.
- Coton, William H.: *See—*
  - Askam, John F.; and Coton, William H., 4,504,337, Cl. 156-64.000.
- Cotone, Giancarlo: *See—*
  - Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,514,203, Cl. 62-17.000.
  - Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,529,424, Cl. 62-17.000.
- Cotreau, Gerald M.: *See—*
  - Prentice, John S.; and Cotreau, Gerald M., 4,560,948, Cl. 330-282.000.
- Cotsakis, Daniel J.: *See—*
  - Chmiel, Chester T.; and Cotsakis, Daniel J., 4,501,842, Cl. 524-432.000.

Cottam, Spencer D. Cleaning device. 4,531,253, 7-30-85, Cl. 15-236.00C.

Cottatelucci, Ezio, to Italtel Societa Italiana Telecomunicazioni S.p.A. System for jointly transmitting high-frequency and low-frequency digital signals over a fiber-optical carrier. 4,524,462, 6-18-85, Cl. 455-608.000.

Cotte, Daniel: *See—*

Chanal, Roger; and Cotte, Daniel, 4,516,601, Cl. 137-510.000.

Chanal, Roger; and Cotte, Daniel, 4,557,290, Cl. 137-510.000.

Cottenceau, Remi: *See—*

Zurcher, Erwin; and Cottenceau, Remi, 4,502,902, Cl. 156-73.200.

Cotter, Byron R.; and Tang, David Y., to Occidental Chemical Corporation. Preparation of trifluoromethyl-benzoyl halides. 4,500,471, 2-19-85, Cl. 260-544.00D.

Cotter, David, to British Telecommunications. Optical transmission. 4,560,246, 12-24-85, Cl. 350-96.160.

Cotteret, Jean: *See—*

Monnais, Christian; Cotteret, Jean; and Bugaut, Andre, 4,511,360, Cl. 8-405.000.

Cotterill, Lee A.: *See—*

Rehklau, George D.; Cotterill, Lee A.; and Langevin, Robert Z., 4,512,527, Cl. 242-56.00R.

Cotterill, Phillip J.: *See—*

Booker, David F.; Grove, David E.; Cotterill, Phillip J.; and Tyson, Robert G., 4,503,255, Cl. 568-17.000.

Cottet Freres: *See—*

Cottet, Jackie, 4,504,127, Cl. 351-86.000.

Cottet, Jackie, to Cottet Freres. Frame front for eyeglasses permitting interchangeability of lenses. 4,504,127, 3-12-85, Cl. 351-86.000.

Cottevieille, Christian: *See—*

Bonicel, Jean-Pierre; Prigent, Madeleine; and Cottevieille, Christian, 4,555,539, Cl. 524-127.000.

Cottis, Robert A.: *See—*

Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.

Cottle, Wilbur W., Jr.; and Smith, Lilburn R., to Texas Instruments Incorporated. Gyro stabilized optics with fixed detector. 4,500,051, 2-19-85, Cl. 244-3.160.

Cottman, Kirkwood S., to Goodyear Tire & Rubber Company, The. Phenolic antioxidants. 4,521,559, 6-4-85, Cl. 524-289.000.

Cotton, Austin H.: *See—*

Bickerstaff, Alan E.; Cotton, Austin H.; Ladell, Michael G.; and Neale, David M., 4,536,076, Cl. 355-3.0FU.

Cotton, Curran D., to Maytag Company, The. Control system for a combined appliance. 4,510,778, 4-16-85, Cl. 68-12.00R.

Cotton, Curran D.; Ellingson, David I.; Noe, William J.; and Wilson, James D., to Maytag Company, The. Combination appliance with sliding door. 4,531,387, 7-30-85, Cl. 68-3.00R.

Cotton, Gerald L.: *See—*

Henderson, Charles J.; and Cotton, Gerald L., 4,560,561, Cl. 426-74.000.

Cotton Incorporated: *See—*

Turner, John D., 4,505,944, Cl. 427-8.000.

Warner, Lee A.; and Fewin, Fred A., Jr., 4,505,631, Cl. 414-359.000.

Cotton, John F., to Westinghouse Electric Corp. Ganged circuit breaker arrangement. 4,524,338, 6-18-85, Cl. 335-8.000.

Cotton, John M., to International Telephone and Telegraph Corporation. Associative processor with variable length fast multiply capability. 4,507,748, 3-26-85, Cl. 364-749.000.

Cotton, Leonard: *See—*

Ball, William J.; Cotton, Leonard; and Stewart, David G., 4,492,772, Cl. 518-713.000.

Ball, William J.; Cotton, Leonard; and Stewart, David G., 4,492,773, Cl. 518-713.000.

Cottrell, John S.; Turner, Patrick J.; and Kay, David J. Multiple collector mass spectrometers. 4,524,275, 6-18-85, Cl. 250-298.000.

Coty, Raymond J. A. Automatic larvicide dispenser. 4,535,914, 8-20-85, Cl. 222-52.000.

Couasnon, Tristan de; and Bellet, Jean L. Method of analyzing broadcast data, a network analyzer implementing such a method, and receiver equipment using such an analyzer. 4,550,407, 10-29-85, Cl. 371-29.000.

Couble, Edward C.: *See—*

Deckert, Cheryl A.; Couble, Edward C.; and Bonetti, William F., 4,515,829, Cl. 427-97.000.

Couch, Alan T.; Cruickshank, Terence D.; Davey, William L. E.; Marshall, Anthony R.; Tydd, Christopher B.; and Wakeford, David R., to Fluidised Combustion Contractors Limited. Fluidized bed combustion apparatus. 4,556,017, 12-3-85, Cl. 122-4.00D.

Couch, Philip R., to International Telephone and Telegraph Corporation. Direct current coupled data transmission. 4,543,664, 9-24-85, Cl. 455-601.000.

Couch, Robert D.: *See—*

Lenderking, Bruce N.; and Couch, Robert D., 4,532,601, Cl. 364-571.000.

Couch, Robert P., to United Technologies Corporation. Afterburner flameholder ion probe. 4,510,794, 4-16-85, Cl. 73-116.000.

Couch, Robert P., to United Technologies Corporation. Stall/debris discriminating ionic engine diagnostics. 4,528,844, 7-16-85, Cl. 73-116.000.

Couch, Robert P.: *See—*

Bullis, Robert H.; and Couch, Robert P., 4,499,755, Cl. 73-116.000.

St. Jacques, John W.; and Couch, Robert P., 4,519,240, Cl. 73-116.000.

Couche, Leon; Lacourt, Daniel; and Ventavoli, Roger. Oyster-opening tool. 4,551,886, 11-12-85, Cl. 17-75.000.

Couche, Raymond A., to R. A. Couche & Associates Pty. Ltd. Screening device. 4,561,980, 12-31-85, Cl. 210-486.000.

Coue, Maurice E. L., to Huret et ses Fils. Device for mounting a derailleur on the frame lug of a cycle. 4,494,944, 1-22-85, Cl. 474-82.000.

Coue, Maurice E. L., to Huret et ses Fils. Derailleur having an adjustable fork member for a crank-gear. 4,516,961, 5-14-85, Cl. 474-80.000.

Coue, Maurice E. L., to Huret et ses Fils. Detecting device in particular for driving a bicycle counter. 4,517,450, 5-14-85, Cl. 235-95.00R.

Coue, Maurice E. L., to Huret et ses Fils. Crank-gear derailleur. 4,529,395, 7-16-85, Cl. 474-82.000.

Coue, Maurice E. L., to Huret et ses Fils. Lever and collar unit in particular for a cycle. 4,534,238, 8-13-85, Cl. 74-489.000.

Coue, Maurice E. L., to Huret et ses Fils. Lever unit in particular for a cycle. 4,535,644, 8-20-85, Cl. 74-489.000.

Coue, Maurice E. L., to Huret et ses Fils. Pedal crank derailleur for a bicycle. 4,543,078, 9-24-85, Cl. 474-82.000.

Coughlan, Raymond T.; and Bojarski, Suzette M., to Daubert Coated Products Inc. Sealant sheet material. 4,533,600, 8-6-85, Cl. 428-414.000.

Coughlin, Charles P., to International Business Machines Corporation. Modular test probe. 4,506,215, 3-19-85, Cl. 324-158.00P.

Coughlin, Peter K.; and Rabo, Jule A., to Union Carbide Corporation. Enhanced catalyst for conversion of syngas to liquid motor fuels. 4,556,645, 12-3-85, Cl. 502-66.000.

Coughlin, Thomas E., to Nylco Corporation. Delsolite. 4,515,844, 5-7-85, Cl. 428-82.000.

Coughlin, William J.; Rieppel, Perry J.; and Hoffman, Stephen A., to Arcair Company. Apparatus for collecting process generated fume and/or slag. 4,502,179, 3-5-85, Cl. 15-322.000.

Coughlin, William J.: *See—*

Rieppel, Perry J.; and Coughlin, William J., 4,493,970, Cl. 219-137.410.

Coulaloglou, Costas A.: *See—*

Siegell, Jeffrey H.; and Coulaloglou, Costas A., 4,543,733, Cl. 34-1.000.

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Coulon, Jean-Claude; and Douche, Jean-Pierre, to Saint-Gobain Vitrage. Method and apparatus for manufacturing a uniformly coated substrate. 4,562,095, 12-31-85, Cl. 427-180.000.

Coulson, Richard L.; Blickenstaff, Ronald L.; Dodd, P. David; Moreno, Robert J.; and Kinard, Dean P., to Storage Technology Corporation. Adaptive domain partitioning of cache memory space. 4,503,501, 3-5-85, Cl. 364-300.000.

Coulson, Richard L.: *See—*

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Coulter Associates, Inc.: *See—*

Coulter, David C., 4,531,229, Cl. 381-68.000.

Coulter Corporation: *See—*

Hollinger, John D.; and Pedroso, Raul I., 4,515,274, Cl. 209-3.100.

Pedroso, Raul I.; and Coulter, Robert S., 4,516,437, Cl. 73-864.220.

Coulter, David C., to Coulter Associates, Inc. Method and apparatus for improving binaural hearing. 4,531,229, 7-23-85, Cl. 381-68.000.

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Auer, Robert, 4,510,438, Cl. 324-71.400.

Bauer, Henry W., III; and Shukla, Ravindra S., 4,560,650, Cl. 435-15.000.

Brunsting, Albert; and Hogg, Walter R., 4,523,841, Cl. 356-73.000.

Cabrera, Pedro P., 4,507,977, Cl. 73-864.120.

Carter, James H.; Ledis, Stephen L.; and Crews, Harold R., 4,521,518, Cl. 436-10.000.

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Coulter, Wallace H., 4,527,114, Cl. 324-71.100.

Drury, F. Robert; and Graham, Marshall D., 4,494,479, Cl. 118-120.000.

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Foster, John E., 4,495,405, Cl. 219-510.000.

Godin, Thomas J., 4,491,786, Cl. 324-71.100.

Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, 4,508,435, Cl. 350-529.000.

Graham, Marshall D.; and Cook, David D., Jr., 4,513,438, Cl. 382-6.000.

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Groves, Michael R., 4,525,666, Cl. 324-71.100.

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Larsen, Fred L., 4,529,705, Cl. 436-17.000.

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Coulter, James C.; and Shannon, Michael P., to Shannon, Michael P. Wind surfing hydrofoil apparatus. 4,508,046, 4-2-85, Cl. 114-39.000.

Coulter, John P. Fluid applicator for treating garments. 4,505,410, 3-19-85, Cl. 222-611.000.

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- Coulter Stork Patents B.V.: *See—*
  - Percic, Milan, 4,542,979, Cl. 355-4.000.
  - Percic, Milan; Schoonderbeek, Hubertus J.; and Alston, Julia M., 4,557,583, Cl. 355-3.0TR.
- Coulter Systems Corporation: *See—*
  - Keane, John F.; Butler, John C.; and Archer, Timothy H., 4,533,941, Cl. 358-75.000.
  - Kuehnle, Manfred R.; Matkan, Josef; and Fraser, Kenneth D., 4,504,138, Cl. 355-10.000.
  - Kuehnle, Manfred R.; Martinez, Ferdinand; Runyan, I. V.; and Barry, Carol M. F., 4,510,223, Cl. 430-44.000.
  - Kuehnle, Manfred R.; and Martinez, Ferdinand, 4,510,225, Cl. 430-126.000.
  - Kuehnle, Manfred R.; Cahill, Lysle D.; Butler, John C.; and Bassuk, Lawrence J., 4,515,879, Cl. 430-31.000.
  - Kuehnle, Manfred R.; Perry, George J.; and Rose, Robert M., 4,521,097, Cl. 355-3.00R.
  - Kuehnle, Manfred R.; Rose, Robert M.; and Ballas, John S., 4,526,357, Cl. 271-18.200.
  - Lawson, John A.; Kuehnle, Manfred R.; and Knox, Joseph D., 4,561,730, Cl. 350-432.000.
  - Martinez, Ferdinand, 4,529,650, Cl. 428-336.000.
  - Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
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  - Weber, Harold J., 4,538,204, Cl. 361-229.000.
  - Weber, Harold J.; Kuehnle, Manfred R.; Compton, James C.; Poulakis, John N.; Szymanski, Michael J.; Lindblom, Kenneth A.; and Cleveland, Donald S., 4,547,061, Cl. 355-10.000.
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- Coulter, Wallace H., to Coulter Electronics, Inc. Electrical slit scanning apparatus. 4,527,114, 7-2-85, Cl. 324-71.100.
- Coulter, Wallace H.: *See—*
  - Rothermel, William F.; Matthews, John P.; Walker, James W.; and Coulter, Wallace H., 4,534,465, Cl. 206-443.000.
- Coulthard, T. Lionel; Townsley, Phillip M.; and Saben, Hugh S. Method for producing fungi. 4,512,103, 4-23-85, Cl. 47-1.100.
- Councell, Graham D. Fuel burning assembly. 4,499,858, 2-19-85, Cl. 122-14.000.
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  - Curr, Thomas R.; and Schmidt, Ingrid E., 4,540,433, Cl. 75-10.00R.
  - Preston, John S., 4,528,167, Cl. 423-139.000.
- Council, Malcolm N.: *See—*
  - Sizer, Phillip S.; Cox, Don C.; and Council, Malcolm N., 4,515,220, Cl. 166-384.000.
- Council of Scientific and Industrial Research: *See—*
  - Ramani, Rajan V., 4,494,369, Cl. 57-76.000.
- Councilman, Richard R., to Brunswick Corporation. Oscillating system retaining means. 4,491,285, 1-1-85, Cl. 242-84.21R.
- Councilman, Richard R.; Swisher, Steven L.; and Carpenter, Robert L., to Brunswick Corporation. Surfcasting spinning reel. 4,509,705, 4-9-85, Cl. 242-84.21R.
- Councilman, Richard R., to Brunswick Corporation. Drag for spinning reels. 4,545,545, 10-8-85, Cl. 242-84.50R.
- Councilman, Richard R., to Brunswick Corporation. Bait clicker for fishing reel. 4,548,367, 10-22-85, Cl. 242-84.51R.
- Councilman, Richard R., to Brunswick Corporation. Drag for spinning reel. 4,549,702, 10-29-85, Cl. 242-84.51A.
- Cound, Cary D., to American Home Products Corporation. Feed mechanism for apparatus for evacuating and compacting aerosol cans. 4,526,097, 7-2-85, Cl. 100-215.000.
- Counioux, Jean-Jacques: *See—*
  - Bardin, Roland; Mack, Joel; and Counioux, Jean-Jacques, 4,525,327, Cl. 420-565.000.
- Counoupas, Steve S.: *See—*
  - Allocco, Carmen, Jr.; Burger, William R.; and Counoupas, Steve S., 4,506,978, Cl. 355-14.0SH.
- Counterman, Wayne S., to Air Preheater Company, Inc., The. Recuperative heat exchanger having radiation absorbing turbulator. 4,559,998, 12-24-85, Cl. 165-109.100.
- Counterman, Wayne S.: *See—*
  - Case, Michael A.; Mattison, Glenn D.; and Counterman, Wayne S., 4,548,261, Cl. 165-82.000.
- Countryman, Roger S., Jr., to Motorola, Inc. Redundant memory circuit. 4,532,611, 7-30-85, Cl. 365-200.000.
- Couot, Jean-Pierre: *See—*
  - Cassanas, Claude; Couot, Jean-Pierre; and Royer, Jacques, 4,492,164, Cl. 101-216.000.
- Coupal, John. Analytical filtration technique. 4,513,607, 4-30-85, Cl. 73-61.400.
- Couper, Robert A.; Lillie, Terrance L.; and Sera, Kiyoshi, to Pitney Bowes Inc. External attribute logic for use in a word processing system. 4,504,828, 3-12-85, Cl. 340-735.000.
- Coupling Systems, Inc.: *See—*
  - Royston, James M., 4,538,841, Cl. 285-337.000.
- Couput, Francis, to Cebal. Plastic sealing screw cap with improved tamper-proof strip. 4,546,892, 10-15-85, Cl. 215-252.000.
- Courbat-Chavanne, Bernard: *See—*
  - Henzelin, Bernard; and Courbat-Chavanne, Bernard, 4,513,758, Cl. 131-291.000.
- Courbin, Gerard: *See—*
  - Martin, Madeleine; Lesage, Jean; Courbin, Gerard; and Rivereau, Alain, 4,522,878, Cl. 428-313.700.
- Courbon, Paul, to Societe Chimique de Charbonnages CdF Chimie. Individual portable dust collector. 4,534,230, 8-13-85, Cl. 73-863.230.
- Courbot, Pierre, to Societe Anonyme D.B.A. Disc brake. 4,527,667, 7-9-85, Cl. 188-73.340.
- Courbot, Pierre, to Societe Anonyme D.B.A. Disc brake. 4,527,670, 7-9-85, Cl. 188-73.440.
- Courbot, Pierre: *See—*
  - Carre, Jean-Jacques; and Courbot, Pierre, 4,522,576, Cl. 418-194.000.
  - Carre, Jean-Jacques; Courbot, Pierre; and Mery, Jean-Claude, 4,533,023, Cl. 188-73.340.
- Courdille, Michel: *See—*
  - Steers, Michel; Hazan, Jean-Pierre; and Courdille, Michel, 4,528,558, Cl. 340-686.000.
- Couri, Mark S. Protective cover for a limb or a cast. 4,523,586, 6-18-85, Cl. 128-82.000.
- Cournoyer, Bernard T.; and Hedstrom, Norman A., to Wright Line Inc. Cable bushing. 4,520,976, 6-4-85, Cl. 248-56.000.
- Cournoyer, Roger J. A. Household cleaning kit. 4,516,676, 5-14-85, Cl. 206-226.000.
- Coursen, David L., to Du Pont de Nemours, E. I., and Company. Apparatus and method for transferring a Bingham solid through a long conduit. 4,510,958, 4-16-85, Cl. 137-13.000.
- Courser, Incorporated: *See—*
  - King, Charles, 4,524,282, Cl. 250-577.000.
- Coursolle, Thomas P., to Rosemount Inc. Circuit with adjustable amplitude and rolloff frequency characteristics. 4,545,258, 10-8-85, Cl. 73-861.220.
- Courtaulds PLC: *See—*
  - Betts, Max W.; Johnson, Nigel, deceased; Bennett, Ernest W.; and Bennett, Joyce H., executors, 4,526,019, Cl. 66-132.00R.
  - Flavell, John; Jeffcoat, Keith; and Betts, Max W., 4,501,132, Cl. 66-64.000.
  - Robinson, Frank; and Betts, Max W., 4,506,525, Cl. 66-109.000.
  - Scales, John T.; Poole, Anthony G.; Wilson, David; and Middleton, Anthony J., 4,504,990, Cl. 5-459.000.
  - Smith, John; and Boiston, David A., 4,515,210, Cl. 165-133.000.
- Courtay, Robert Y., to Fuller Company. Blender for powdery material. 4,534,653, 8-13-85, Cl. 366-106.000.
- Courtenay, John H.; and Phillips, Royston J., to Foseco International Limited. Fluxes for casing metals. 4,561,912, 12-31-85, Cl. 148-23.000.
- Courter, Harry I.; and Perry, Leroy A., to Emhart Industries, Inc. Line and program switch assembly for a timing mechanism. 4,497,985, 2-5-85, Cl. 200-38.00R.
- Courtet, Francois: *See—*
  - Picolet, Jean-Pierre; Rudloff, Jean-Loup; and Courtet, Francois, 4,492,225, Cl. 128-87.00R.
- Courtis, Andrew: *See—*
  - Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., 4,524,198, Cl. 526-292.100.
  - Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., 4,536,555, Cl. 526-295.000.
- Courtney, David T.: *See—*
  - McCabe, Bernard J.; and Courtney, David T., 4,534,717, Cl. 418-181.000.
- Courtney, Edward, Jr.: *See—*
  - Hearn, Patrick L.; and Courtney, Edward, Jr., 4,523,375, Cl. 29-605.000.
- Courtney, Thomas F., Jr.: *See—*
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,501,904, Cl. 549-35.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,504,508, Cl. 426-535.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,514,429, Cl. 426-535.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,966, Cl. 549-30.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,967, Cl. 549-39.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,968, Cl. 549-39.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,521,613, Cl. 560-152.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,552,770, Cl. 426-535.000.
- Courtois, Bernard: *See—*
  - Letournoux, Alain; and Courtois, Bernard, 4,523,786, Cl. 297-367.000.
- Courtois, Guy; and Jaquen, Claude, to Commissariat a l'Energie Atomique. Process and geological installation for the removal of radioactive waste. 4,500,227, 2-19-85, Cl. 405-128.000.
- Courtois, Yves: *See—*
  - Guedon born Saglier, Isabelle; Barritault, Denis; Courtois, Yves; Arruti, Cristina; and Prunieras, Michel, 4,533,635, Cl. 435-240.000.
- Courty, Philippe; Roussel, Michel; Leporq, Serge; Le Page, Jean-Francois; and Varin, Philippe, to Institut Francais du Petrole. Process for manufacturing a catalyst containing iron, chromium and potassium oxides and at least one rare earth metal oxide, for use in dehydrogenation reactions. 4,533,650, 8-6-85, Cl. 502-84.000.

Courty, Philippe; Roussel, Michel; Varin, Philippe; Le Page, Jean-Francois; and Leporq, Serge, to Institut Francais du Petrole. Catalyst containing iron, chromium, potassium and lanthanum oxides, its manufacture and use in dehydrogenation reactions. 4,535,067, 8-13-85, Cl. 502-84.000.

Courty, Philippe; Durand, Daniel; Travers, Christine; Chaumette, Patrick; and Forestiere, Alain, to Institut Francais du Petrole. Process for manufacturing catalysts containing copper, zinc, aluminum and at least one metal from the group formed of rare earths and zirconium and the resultant catalysts for reactions involving a synthesis gas. 4,552,861, 11-12-85, Cl. 502-302.000.

Courvoisier, Guy; and Arieh, Simon, to Battelle Memorial Institute. Heated seal of resiliently compressible foam for matching the edge of a hollow portion of an article to an irregular surface. 4,513,197, 4-23-85, Cl. 219-527.000.

Courvoisier, Guy: *See—*
  Arieh, Simon; and Courvoisier, Guy, 4,519,150, Cl. 36-121.000.

Coury, Glenn E. Method of separating a noncondensable gas from a condensable vapor. 4,511,376, 4-16-85, Cl. 55-36.000.

Cousens, Donald E.: *See—*
  Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., 4,498,638, Cl. 242-45.000.
  Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., 4,555,052, Cl. 228-104.000.

Cousens, Lawrence S.; Bell, Graeme I.; and Valenzuela, Pablo D. T., to Chiron Corporation. Adenovirus promoter system. 4,510,245, 4-9-85, Cl. 435-172.300.

Couser, Chester F. Folding tool beam and lift assembly. 4,502,545, 3-5-85, Cl. 172-311.000.

Cousin, Charles M.; and Gondrella, Frederick H., Sr. Construction system for cast-in-place concrete barriers for roadways. 4,533,111, 8-6-85, Cl. 249-2.000.

Cousin, Maurice; Pipon, Yves; Droulon, Georges; and Lebrun, Jean, to A & M Cousin Etablissements Cousin Freres S.a.r.l. Electric safety lock more specially for motor vehicle doors. 4,518,182, 5-21-85, Cl. 292-201.000.

Cousin, Michael J.; Hill, Larry O.; and Justice, Rhonda G., to Mead Corporation, The. Ink jet recording sheet having a bicomponent cationic recording surface. 4,554,181, 11-19-85, Cl. 427-261.000.

Cousin, Michael J.: *See—*
  Shackle, Dale R.; Cousin, Michael J.; and Pack, Gary D., 4,532,183, Cl. 428-402.220.

Cousin, Michel: *See—*
  Meyer, Nicolas; and Cousin, Michel, 4,555,544, Cl. 524-595.000.

Cousineau, Thomas J.; and Cengel, John A., to Standard Oil Company (Indiana). Synthetic fuel composition. 4,514,190, 4-30-85, Cl. 44-70.000.

Cousins, Matthew E., III, to United States of America, Army. Remote sensor system with bi-directional monitoring and control of operation. 4,511,896, 4-16-85, Cl. 340-870.250.

Couslon, William F.: *See—*
  Baker, Terence S.; and Couslon, William F., 4,508,830, Cl. 436-510.000.

Coussau, Jean; and Clar, Georges, to Framatome & Cie. Positioning and removal device for a checking means or a tool in a receiver installation. 4,494,907, 1-22-85, Cl. 414-749.000.

Cousse, Henri; Mouzin, Gilbert; Bonnaud, Bernard; Charveron, Marie; and Fauran, Francois, to Pierre Fabre S.A. 1-aryl 2-aminomethyl cyclopropane carboxylates (Z) as drugs in the treatment of pain. 4,507,318, 3-26-85, Cl. 514-531.000.

Cousse, Henri; Mouzin, Gilbert; Tarayre, Jean-Pierre; and Rieu, Jean-Pierre, to Pierre Fabre S.A. Derivatives of biphenyl alkyl carboxylates and their use as medicaments. 4,510,142, 4-9-85, Cl. 514-255.000.

Cousse, Henri: *See—*
  Mouzin, Gilbert; Cousse, Henri; and Vilain, Pol, 4,539,413, Cl. 549-366.000.
  Pitet, Guy; Cousse, Henri; and Mouzin, Gilbert, 4,511,566, Cl. 514-242.000.

Coutant, Alan R., to Ford Motor Company. Automatic transmission control pressure regulator. 4,506,564, 3-26-85, Cl. 74-869.000.

Coutin, Pierre F.: *See—*
  Mattei, Jean P.; and Coutin, Pierre F., 4,530,147, Cl. 29-525.000.
  Mattei, Jean-Pierre; and Coutin, Pierre F., 4,491,292, Cl. 248-1.000.

Couto, Luis R.: *See—*
  Bawa, Jaspal S.; Couto, Luis R.; Rapacki, Edward S.; Wood, Alfred; and Pobuta, Walter A., deceased, 4,549,037, Cl. 174-65.0SS.

Coutta, John M.; and Van Dusen, Paul A. Surveillance system. 4,510,526, 4-9-85, Cl. 358-108.000.

Coutts, Donald G.: *See—*
  Boehland, Burnell G.; and Coutts, Donald G., 4,505,000, Cl. 15-249.000.
  Boehland, Burnell G.; and Coutts, Donald G., 4,512,055, Cl. 15-249.000.

Coutts, Richard D. Continuous passive motion method and apparatus. 4,546,763, 10-15-85, Cl. 128-25.00R.

Coutu, Walter H., Sr. Roof construction. 4,503,644, 3-12-85, Cl. 52-13.000.

Couture, Joseph W., to Black Clawson Company, The. Pulping apparatus including a rotor and helical screw flights extending upwardly from the rotor. 4,535,943, 8-20-85, Cl. 241-46.020.

Couture, Paul A.: *See—*
  Jentoft, Arthur P.; and Couture, Paul A., 4,514,943, Cl. 52-200.000.

Couture, Raymond; Couture, Raynald; and Poulin, Paul. Range controller for continuously monitoring the position of the boom of heavy machinery. 4,516,117, 5-7-85, Cl. 340-685.000.

Couture, Raynald: *See—*
  Couture, Raymond; Couture, Raynald, and Poulin, Paul, 4,516,117, Cl. 340-685.000.

Couture, Robert P.: *See—*
  Walter, Carlton H.; Bohley, Peter; and Couture, Robert P., 4,494,121, Cl. 343-708.000.

Couture, William F., to IBP, Inc. Method and apparatus for removing cheek meat from the skulls of slaughtered animals. 4,543,689, 10-1-85, Cl. 17-46.000.

Coutures, Jean L., to Thomson-CSF. Device for detecting the presence or absence of a charge quantity and for storing the result of this detection. 4,513,211, 4-23-85, Cl. 307-530.000.

Coutures, Jean-Louis, to Thomson-CSF. Analog-to-digital correlator with programmable coefficients with values of +1, −1 or 0. 4,543,640, 9-24-85, Cl. 364-604.000.

Coutures, Jean-Louis: *See—*
  Beal, Gerard; and Coutures, Jean-Louis, 4,562,417, Cl. 333-165.000.

Couvillion, Mark C., to Dow Chemical Company, The. Catalyst for the selective hydrogenation of acetylenes. 4,493,906, 1-15-85, Cl. 502-346.000.

Couwenberg, Winston D.: *See—*
  Heuvelmans, Jean J.; Couwenberg, Winston D.; and Ligtnart, Franciscus A. S., 4,546,285, Cl. 313-25.000.

Cova, Dario R.: *See—*
  Dyroff, David R.; Chou, Yueting; and Cova, Dario R., 4,502,923, Cl. 203-71.000.

Covault, Mike L.: *See—*
  Jackson, Bruce J.; Simmons, Ralph F.; and Covault, Mike L., 4,555,740, Cl. 360-113.000.

Cove, Harry R., to Cove, Harry R.; and Williams, Gary R. Choke for drilling or production use. 4,540,022, 9-10-85, Cl. 137-625.300.

Cove, Harry R., to Hydril Company. Valve actuator having a rotary bi-directional apparatus with a dual ratchet mechanism. 4,541,295, 9-17-85, Cl. 74-142.000.

Coveleskie, Richard A.; and Lee, Shung-Yan L., to Du Pont de Nemours, E. I., and Company. Photopolymerizable compositions and elements containing acid to reduce scum and stain formation. 4,510,230, 4-9-85, Cl. 430-273.000.

Covell, Russell B., to Combustion Engineering, Inc. Heat exchanger outlet arrangement. 4,520,760, 6-4-85, Cl. 122-7.00R.

Covell, Russell B.; and Kwasnik, Andrew F., to Cool Water Coal Gasification Program. Self-cleaning liner. 4,545,330, 10-8-85, Cl. 122-392.000.

Cover, Craig H. Lighting fixture insulating system. 4,544,992, 10-1-85, Cl. 362-147.000.

Covey, Joel P.; and Vidrine, D. Warren. Optical analytical instrument beam condenser. 4,547,068, 10-15-85, Cl. 356-244.000.

Covey, Ray M., Jr. Carburetor/vaporizer. 4,494,516, 1-22-85, Cl. 123-557.000.

Covey, Robert L.; and Gale, Michael T., to RCA Corporation. System for positioning a body. 4,523,850, 6-18-85, Cl. 356-375.000.

Coviello, John S.: *See—*
  Agnew, Palmer W.; Coviello, John S.; Green, Linda S.; and Kellerman, Anne S. 4,509,122, Cl. 364-200.000.

Covill, Dennis H., to Nautical Electronics Laboratories Limited. Driver circuit. 4,535,298, 8-13-85, Cl. 330-189.000.

Covill, James H.: *See—*
  Kelly, Michael G.; and Covill, James H., 4,550,189, Cl. 560-044.000.

Coville, Patrick: *See—*
  Bailleul, Gilles; and Coville, Patrick, 4,554,434, Cl. 219-216.000.

Covington, Arthur K.; and Sibbald, Alastair, to Corning Glass Works. Encapsulated chemoresponsive microelectronic device arrays. 4,502,938, 3-5-85, Cl. 204-412.000.

Covington, Arthur K.; and Sibbald, Alastair, to Corning Glass Works. Microelectronic sensor assembly. 4,514,276, 4-30-85, Cl. 204-415.000.

Covington, Robert R.; Temple, Davis L., Jr.; and Yevich, Joseph P., to Mead Johnson & Company. Tetrazole derivatives. 4,491,587, 1-1-85, Cl. 424-269.000.

Covington, Roger G.; and Miller, Stephen H., to Eastman Kodak Company. Clamping device for optical disk assemblies. 4,553,232, 11-12-85, Cl. 369-287.000.

Covington, Wayne F.: *See—*
  Spangler, Richard M.; Burmeister, Eugene V.; Cada, Frank E.; Christopher, Chris J.; Covington, Wayne F.; Judd, Myles A.; Wenninger, Freddie W.; Watson, Robert E.; and Simcoe, Kent W., 4,546,448, Cl. 364-900.000.

Covini, Romano: *See—*
  Moreschini, Luciano; Dalloro, Leonardo; Cavaterra, Enrico; Petrini, Guido; and Covini, Romano, 4,499,302, Cl. 562-599.000.

Covitch, Michael J.; and Sweetapple, Gary G., to Diamond Shamrock Chemicals Company. Method for making finely divided perfluorocarbon copolymer. 4,540,716, 9-10-85, Cl. 521-28.000.

Cowan, Arnold A., to Gem Products, Inc. Single seal pipeline tapping fixture having secure valve. 4,537,214, 8-27-85, Cl. 137-318.000.

Cowan, Dwaine O.: *See—*
  Potember, Richard S.; Poehler, Theodore O.; and Cowan, Dwaine O., 4,507,672, Cl. 357-8.000.

Cowan, Edwin J. Infrared water heater. 4,510,890, 4-16-85, Cl. 122-17.000.

Cowan, Jack C., to Venture Chemicals, Inc. Foundry mold and core sands. 4,505,750, 3-19-85, Cl. 106-38.350.

Cowan, Jack C., to Venture Chemicals, Inc. Method and compositions for fluid loss and seepage loss control. 4,531,594, 7-30-85, Cl. 175-72.000.

Cowan, James J., to Polaroid Corporation. Method and apparatus for exposing photosensitive material. 4,496,216, 1-29-85, Cl. 350-162.170.

Cowan, Kiplin D., to Phillips Petroleum Company. Diacyloxyolefins are hydrogenated in presence of alkali and alkaline earth metal salts of carboxylic acids. 4,544,767, 10-1-85, Cl. 560-263.000.

Cowan, Kiplin D.: *See*—
  Masino, Albert P.; Cowan, Kiplin D.; and Hawley, Gil R., 4,503,159, Cl. 502-111.000.

Cowan, Michael A., to Stiksack STS S.A. Plastics film and bags and sacks therefrom. 4,560,598, 12-24-85, Cl. 428-35.000.

Cowan, William P. Board game apparatus. 4,535,994, 8-20-85, Cl. 273-256.000.

Cowan, William S., to Armco Inc. Method and apparatus for remotely cutting broken underwater guidelines. 4,557,628, 12-10-85, Cl. 405-191.000.

Cowan, William S.: *See*—
  Galle, Edward M., Jr.; and Cowan, William S., 4,491,351, Cl. 285-318.000.

Cowans, Kenneth W.; and Bennett, M. Owen. Systems and methods for compensating for element nonlinearities in electronic circuits. 4,549,146, 10-22-85, Cl. 330-149.000.

Cowart, Ronald W.: *See*—
  Ong, Poen S.; Zermeno, Alfonso; Marsh, Lee M., Jr.; Hevezi, James M.; and Cowart, Ronald W., 4,521,808, Cl. 358-111.000.
  Zermeno, Alfonso; Marsh, Lee M., Jr.; and Cowart, Ronald W., 4,539,591, Cl. 358-335.000.

Cowden, Mollie G. W. Bookholder with magnified viewing window. 4,552,382, 11-12-85, Cl. 281-45.000.

Cowdery, James R.; Park, David B.; and Khoylian, Rouzas R., to Santrade Ltd. Unlatch assembly for a conveyor system. 4,540,083, 9-10-85, Cl. 198-465.100.

Cowdery, James R.: *See*—
  Khoylian, Rouzas R.; Cowdery, James R.; and Park, David B., 4,503,968, Cl. 198-472.000.

Cowdrey, Dennis A., to Singer Company, The. Weather radar simulator. 4,493,647, 1-15-85, Cl. 434-2.000.

Cowell, Gary K.; and DiGuiseppe, Carl P., to United States of America, Energy. Axially staggered seed-blanket reactor fuel module construction. 4,507,259, 3-26-85, Cl. 376-173.000.

Cowell, Mark: *See*—
  Lares, Joseph P.; and Cowell, Mark, 4,521,189, Cl. 433-84.000.

Cowell, Peter A.; and Herbert, Paul F. Tractor linkage with pitch altitude control connected to sensor ram. 4,508,178, 4-2-85, Cl. 172-239.000.

Cowell, Thomas H.: *See*—
  Jahr, Ronald S.; and Cowell, Thomas H., 4,504,831, Cl. 340-870.030.

Cowen, David W.: *See*—
  Negus, Paul D.; Ng, Tak C.; Badge, Roger; and Cowen, David W., 4,560,943, Cl. 329-103.000.

Cowen, Steven J.; and Young, Christopher M., to United States of America, Navy. Reproducible standard for aligning fiber optic connectors which employ graded refractive index rod lenses. 4,509,827, 4-9-85, Cl. 350-320.000.

Cowen, Steven J.: *See*—
  Garcia, Graham A.; and Cowen, Steven J., 4,510,607, Cl. 372-49.000.
  Young, Christopher M.; and Cowen, Steven J., 4,545,643, Cl. 350-96.200.

Cowen, Timothy B.: *See*—
  Miller, Gabriel M.; Cowen, Timothy B.; and Palin, Philip R., 4,540,405, Cl. 604-232.000.

Cowher, Melvyn E.: *See*—
  Shuskus, Alexander J.; and Cowher, Melvyn E., 4,537,651, Cl. 156-613.000.

Cowles, Harold R.; and Kray, William D., to General Electric Company. Detection of boron impurities in chlorosilanes. 4,529,707, 7-16-85, Cl. 436-72.000.

Cowles, Richard A., to Inmont Corporation. Metal fixative in automative paint. 4,539,360, 9-3-85, Cl. 524-441.000.

Cowles, Warren H., to Colt Industries Operating Corp. Fuel pressure regulator. 4,539,960, 9-10-85, Cl. 123-463.000.

Cowley, John J.; and Hussey, Selby D., to Erie Manufacturing Co. Emergency escape device. 4,552,140, 11-12-85, Cl. 128-201.250.

Cowling, Albert R., to Geotech Development Corporation. Absorbent pillow. 4,497,712, 2-5-85, Cl. 210-691.000.

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  Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,530,840, Cl. 514-179.000.
  Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,542,025, Cl. 424-78.000.

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Cox, A. Benns, II: *See*—
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Cox, Aaron J.: *See*—
  Scott, Gary W.; and Cox, Aaron J., 4,556,979, Cl. 372-20.000.

Cox, Abraham J.: *See*—
  McConnell, Richard L.; Cox, Abraham J.; and Darnell, William R., 4,551,521, Cl. 528-302.000.

Cox, Anthony F.; Glanville, Roger; Lloyd, Owen; and Robbins, Keith V., to Central Electricity Generating Board. Apparatus for monitoring particulate matter. 4,550,591, 11-5-85, Cl. 73-28.000.

Cox, Berry: *See*—
  Daneshy, Abbas A.; Chisholm, Pat T.; Magee, Dan A.; and Slusher, Gary L., 4,529,036, Cl. 166-254.000.

Cox, Charles M.; and Heuer, Charles, to Zenith Electronics Corporation. Teletext reception indicator. 4,520,392, 5-28-85, Cl. 358-147.000.

Cox, Charles R. Plywood safety bar. 4,502,619, 3-5-85, Cl. 224-311.000.

Cox, Clayton E. Cornerboard for pallets. 4,553,484, 11-19-85, Cl. 108-55.100.

Cox, David L.; Ross, William E.; and Toche, Calvin A., to Litton Systems, Inc. Apparatus and method for switching a magnetic domain lens. 4,550,389, 10-29-85, Cl. 365-37.000.

Cox, Don C.: *See*—
  Sizer, Phillip S.; Cox, Don C.; and Council, Malcolm N., 4,515,220, Cl. 166-384.000.

Cox, Donald C., to AT&T Bell Laboratories. Time division adaptive retransmission technique for portable radio telephones. 4,513,412, 4-23-85, Cl. 370-29.000.

Cox, Edward A., to Wilton Corporation. Rapid acting C-clamp. 4,534,547, 8-13-85, Cl. 269-182.000.

Cox, Edwin: *See*—
  Daneshy, Abbas A.; Chisholm, Pat T.; Magee, Dan A.; and Slusher, Gary L., 4,529,036, Cl. 166-254.000.

Cox, Howard N., to General Electric Company. Tension control in a metal rolling mill. 4,548,063, 10-22-85, Cl. 72-16.000.

Cox, Hoy L. Feedyard sweeper. 4,543,678, 10-1-85, Cl. 15-56.000.

Cox, J. David, to Hydro-Seal Valve Company, Inc. Method and apparatus for testing a relief valve. 4,548,067, 10-22-85, Cl. 73-4.00R.

Cox, James P. Deodorant-dispensing products and dispensing process. 4,511,552, 4-16-85, Cl. 424-14.000.

Cox, James W., Jr.: *See*—
  Behrendt, Joseph W.; Evans, John D.; and Cox, James W., Jr., 4,491,229, Cl. 212-270.000.

Cox, John N.: *See*—
  Spangler, Glenn E.; and Cox, John N., 4,551,624, Cl. 250-287.000.

Cox, Kenneth R. Stair climbing wheel chair. 4,512,588, 4-23-85, Cl. 280-5.260.

Cox, Larry. Magnetic holding apparatus. 4,492,367, 1-8-85, Cl. 269-8.000.

Cox, Michael; Gray, Michael J.; and Duke, Phillip W., to National Research Development Corporation. Winning metal from ore. 4,518,420, 5-21-85, Cl. 75-26.000.

Cox, Michael G. C.: *See*—
  Lanham, Albert F.; Cox, Michael G. C.; and Etheridge, Richard H., 4,540,419, Cl. 44-42.000.

Cox, Norman V. Printing machine doctor blades. 4,503,770, 3-12-85, Cl. 101-169.000.

Cox, Norman V. Fitting doctor blades. 4,561,163, 12-31-85, Cl. 29-464.000.

Cox, Paul V., to Castrol Limited. Improvements in the preparation of concentrates for high water based hydraulic fluids. 4,526,697, 7-2-85, Cl. 252-75.000.

Cox, Randall A.: *See*—
  Christie, Nick J.; Cox, Randall A.; James, Robert E.; and Stevenson, James C., 4,531,946, Cl. 8-192.000.

Cox, Raymond J.: *See*—
  Calvin, Vaughn; and Cox, Raymond J., 4,502,851, Cl. 417-516.000.

Cox, Richard V.; and Jayant, Nuggehally S., to AT&T Bell Laboratories. Time-frequency scrambler. 4,551,580, 11-5-85, Cl. 179-1.50S.

Cox, Robert L.: *See*—
  Rivers, John; Kramer, Charles D.; and Cox, Robert L., 4,532,873, Cl. 110-347.000.

Cox, Robert W.; Jones, Derek A.; Walker, David L.; and Hands, David, to British Gas Corporation; and Rubber and Plastics Research Assoc. of GB. Method and apparatus for the heat treatment of materials. 4,553,930, 11-19-85, Cl. 432-120.000.

Cox, Roger B.; and Steer, David C., to Lever Brothers Company. Microbial heteropolysaccharide. 4,506,044, 3-19-85, Cl. 524-27.000.

Cox, Roger F.: *See*—
  Gagon, Paul R.; and Cox, Roger F., 4,545,278, Cl. 84-1.150.

Cox, Ron; and Pettovello, Elzi. Control for welding system. 4,510,373, 4-9-85, Cl. 219-137.710.

Cox, Ron; and Pettovello, Elzi. Wire drive mechanism. 4,534,499, 8-13-85, Cl. 226-184.000.

Cox, Russell C.; and McElroy, Arthur H. Pipe connection. 4,521,041, 6-4-85, Cl. 285-156.000.

Cox, Samson A.; Bennett, Edgar F.; and Yule, Thomas J., to United States of America, Energy. Tritium monitor with improved gamma-ray discrimination. 4,504,737, 3-12-85, Cl. 250-435.000.

Cox-Smith, Peter; Calvert, Colin; and Wesley, John, to Hoccom Developments Limited. Method of initiating an operation. 4,515,582, 5-7-85, Cl. 494-7.000.

Cox-Smith, Peter: *See*—
  Calvert, Colin; and Cox-Smith, Peter, 4,534,755, Cl. 494-37.000.

Cox, William E.; and Hemmings, Kenneth L., to British Telecommunications. Self propelled reversible boring ram. 4,537,265, 8-27-85, Cl. 175-19.000.

Coxon, John R. Device for clamping workpieces. 4,500,077, 2-19-85, Cl. 269-45.000.

Coy, Calvin L.; and O'Neal, Keith T., to Canron Corp. Ballast brooms. 4,554,697, 11-26-85, Cl. 15-55.000.

Coy, Charles H., to Williams, Richard H.; DeBolt, Marion L.; and Burry, Daniel C. Frequency resonance heater. 4,517,427, 5-14-85, Cl. 219-10.510.

Coy, David H.; and Murphy, William A., to Administrators of the Tulane Educational Fund. Cyclic pentapeptides displaying somatostatin antagonism and method of treatment of mammals therewith. 4,505,897, 3-19-85, Cl. 514-11.000.

Coy, David H.; and Murphy, William A., to American Cyanamid Company. Cyclic pentapeptide displaying somatostatin antagonism and method of treatment of mammals therewith. 4,508,711, 4-2-85, Cl. 514-11.000.

Coy, Don R., Jr.; and Giannis, Peter M., to T/B & H Home Video Cassette reel lock. 4,512,534, 4-23-85, Cl. 242-198.000.

Coyle, Everett T., Jr.: *See—*

Crowley, Harris L., Jr.; and Coyle, Everett T., Jr., 4,561,041, Cl. 361-433.000.

Coyle, Joseph P.: *See—*

Tsang, Peter H.; Coyle, Joseph P.; Liu, Tung; and VanderPoorte, John G., 4,537,823, Cl. 428-308.400.

Coyle, Peter J., to RCA Corporation. Protective cartridge for disc record. 4,499,996, 2-19-85, Cl. 206-444.000.

Coyle, Peter J., to RCA Corporation. Apparatus and method for reducing shock and vibration caused by cartridge loading. 4,532,623, 7-30-85, Cl. 369-271.000.

Coyle, Robert W., to Rohm and Haas Company. Methacrylic acid separation. 4,554,054, 11-19-85, Cl. 203-15.000.

Coyle, William E., Sr., to Bilco Tools, Inc. Power tongs control system. 4,552,041, 11-12-85, Cl. 81-470.000.

Coyne, Alberta P.: *See—*

Coyne, Daniel P.; and Coyne, Alberta P., 4,522,598, Cl. 434-259.000.

Coyne, Daniel P.; and Coyne, Alberta P. Educational toy mailbox. 4,522,598, 6-11-85, Cl. 434-259.000.

Coyne, Richard D.: *See—*

Blechschmid, John; Coyne, Richard D.; Palmer, David; and Piatt, John A., 4,556,785, Cl. 219-460.000.

Coyner, John V.: *See—*

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Coyte, Raymond G., to Molins PLC. Cigarette manufacture. 4,503,868, 3-12-85, Cl. 131-282.000.

Cozac, Daniel; and Rogghe, Hugo, to Glaverbel. Method of reducing light reflection from glass surfaces. 4,505,781, 3-19-85, Cl. 156-640.000.

Cozens, Ross J., to Imperial Chemical Industries PLC. Chelate-activated vinyl chloride polymerization process. 4,539,381, 9-3-85, Cl. 526-93.000.

Cozewith, Charles; Ju, Shiaw; and Ver Strate, Gary W., to Exxon Research & Engineering Co. Narrow MWD alpha-olefin copolymers. 4,540,753, 9-10-85, Cl. 526-88.000.

Cozza, Giorgio; and Piccolo, Luigi, to Ing. Luigi Conti Vecchi S.p.A. Method of obtaining magnesium sulphate from mixtures of salts. 4,533,360, 8-6-85, Cl. 23-298.000.

Cozzi, Paolo; Pillan, Antonio; and Lovisolo, Pier P., to Farmitalia Carlo Erba S.p.A. N-imidazolyl derivatives of 1,2,3,4-tetrahydro-naphthalene and indan. 4,492,707, 1-8-85, Cl. 424-273.00R.

Cozzi, Paolo; Carganico, Germano; Pillan, Antonio; and Branzoli, Umberto, to Farmitalia Carlo Erba S.p.A. N-imidazolyl derivatives containing naphthalene or indene nucleus. 4,510,149, 4-9-85, Cl. 514-341.000.

CPC Engineering Corporation: *See—*

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CPC International Inc.: *See—*

Datta, Rathin; and Zeikus, Joseph G., 4,560,658, Cl. 435-160.000.

Dudacek, Wayne E.; Kochan, David A.; and Zobel, Henry F., 4,491,483, Cl. 127-33.000.

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Katkocin, Dennis M.; Word, Nancy S.; and Yang, Shiow-Shong, 4,536,477, Cl. 435-205.000.

Keller, Frederick A., Jr.; Ganoung, Jeffrey S.; and Luenser, Susan J., 4,513,084, Cl. 435-140.000.

Lemme, Christopher J.; and Frankiewicz, Jeffrey R., 4,521,516, Cl. 435-253.000.

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CPG Products Corp.: *See—*

Cummings, Charles A., 4,508,509, Cl. 434-88.000.

Dyson, Lewis R.; Young, Dan B.; and Cook, Stuart A., 4,504,241, Cl. 446-304.000.

Selvage, Craig C.; and Ventura, Frank D., 4,551,110, Cl. 446-118.000.

CQR Security Systems Limited: *See—*

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CRA Exploration Pty. Ltd.: *See—*

Hawkins, Albert P.; Boyle, Alan; and Stone, Alan M., 4,549,659, Cl. 209-3.200.

Crabb, Richard V., Jr., to Salinas Valley Engineering & Manufacturing, Inc. Method and apparatus for placing tags on produce and the like. 4,519,178, 5-28-85, Cl. 53-137.000.

Crabbe, David K.: *See—*

Latino, Richard M.; and Crabbe, David K., 4,545,554, Cl. 248-118.100.

Crabbe, Pierre: *See—*

Archer, Sydney; Benagiano, Giuseppe; Crabbe, Pierre; Diczfalusy, Egon; Djerassi, Carl; and Fried, Josef, 4,507,290, Cl. 514-172.000.

Crabtree, Austin; Crabtree, James R.; and Crabtree, Jeffrey. Chill temperature meter. 4,504,157, 3-12-85, Cl. 374-109.000.

Crabtree, Daniel L., to United States of America, Navy. Sample video amplifier. 4,551,759, 11-5-85, Cl. 358-213.000.

Crabtree, Grace Y., to Union Carbide Corporation. Galvanic cell having a coiled electrode assembly. 4,539,271, 9-3-85, Cl. 429-94.000.

Crabtree, James R.: *See—*

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Crabtree, Jeffrey: *See—*

Crabtree, Austin; Crabtree, James R.; and Crabtree, Jeffrey, 4,504,157, Cl. 374-109.000.

Crabtree, John D.: *See—*

Hargreaves, Brian; Lancaster, Robert A.; McKenzie, Noel C.; and Crabtree, John D., 4,529,653, Cl. 428-450.000.

Craemer, Robert H., to Molins Machine Company, Inc. Proximity flute detection. 4,550,377, 10-29-85, Cl. 364-471.000.

Craft, George E.: *See—*

Graves, Delbert E.; and Craft, George E., 4,539,239, Cl. 428-43.000.

Craft, Jack: *See—*

Jose, David L.; Pike, Winthrop S.; and Craft, Jack, 4,523,105, Cl. 307-261.000.

Cragin, Glynn P., Jr., to Mead Corporation, The. Method and apparatus for air start/stop of an ink jet printing device. 4,520,366, 5-28-85, Cl. 346-1.100.

Cragin, Glynn P., Jr.: *See—*

Bradfield, Ganey W.; and Cragin, Glynn P., Jr., 4,505,443, Cl. 244-12.500.

Cragoe, Edward J., Jr.; Rooney, Clarence S.; and Williams, Haydn W. R., to Merck & Co., Inc.; and Merck Sharp & Dohme (I.A.) Corp. 4-substituted-3-hydroxy-3-pyrroline-2,5-dione inhibitors of glycolic acid oxidase. 4,537,902, 8-27-85, Cl. 514-422.000.

Cragoe, Edward J., Jr.: *See—*

Blaine, Edward H.; Cragoe, Edward J., Jr.; Hirschmann, Ralph F.; Nancarrow, John F., deceased; Nancarrow, Elisabeth M., executrix; and Tobert, Jonathan A., 4,510,322, Cl. 514-255.000.

Rokach, Joshua; Rooney, Clarence S.; and Cragoe, Edward J., Jr., 4,536,507, Cl. 514-362.000.

Crahay, Jean R., to Centre de Recherches Metallurgiques. Regulating surface treatment by laser beam. 4,536,639, 8-20-85, Cl. 219-121.0LU.

Craig, Arthur T.: *See—*

Moon, Joseph C.; and Craig, Arthur T., 4,519,153, Cl. 40-591.000.

Craig, David R. Inflatable wader tree. 4,533,072, 8-6-85, Cl. 223-67.000.

Craig, Dwin R. Apparatus and method for producing photographic records of transparencies. 4,521,104, 6-4-85, Cl. 355-20.000.

Craig, Edwin R.; and Blumberg, Ben, Jr., to General Electric Company. Modular nuclear reactor for a land-based power plant and method for the fabrication, installation and operation thereof. 4,508,677, 4-2-85, Cl. 376-174.000.

Craig, Gale M., to General Motors Corporation. Controller for a movable motor vehicle headlamp mechanism. 4,558,259, 12-10-85, Cl. 315-82.000.

Craig, Glenn D., to United States of America, National Aeronautics and Space Administration. Wide dynamic range video camera. 4,546,248, 10-8-85, Cl. 250-225.000.

Craig, Glenn D., to United States of America, National Aeronautics and Space Administration. Optical stereo video signal processor. 4,556,986, 12-3-85, Cl. 382-42.000.

Craig, Harold M.; and Feder, Ernest, to United Technologies Corporation. Method of making rotor blade for a rotary machine. 4,501,053, 2-26-85, Cl. 29-156.80R.

Craig Medical Products Limited: *See—*

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Steer, Peter L.; and Edwards, John V., 4,534,766, Cl. 604-323.000.

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Craig, Richard H.: *See—*

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Craig, Robert J. G., to Incosym, Inc. Universal joint flexure hinge suspension system and method for manufacturing this system. 4,528,864, 7-16-85, Cl. 74-5.340.

Craig, Robert L.; Hunter, Iain; and Packard, Paul D., to Barr & Stroud Limited. Apparatus for identifying the position of a body. 4,561,063, 12-24-85, Cl. 364-559.000.

Craig, Walter J., to Hoover Universal, Inc. Blow molding machine. 4,505,664, 3-19-85, Cl. 425-525.000.

Craighead, Norwood D., II; Preliasco, Richard J.; and Hult, Timothy D., to United States of America, Administrator, National Aeronautics and Space Administration. Joint for deployable structures. 4,558,967, 12-17-85, Cl. 403-113.000.

Craiglow, Robert L., to Rockwell International Corporation. Delay compensated automatic gain control. 4,551,688, 11-5-85, Cl. 330-280.000.

Crain, Edward: *See—*

Molitor, Edwin A.; Crain, Edward; and Lampe, Guy W., 4,515,581, Cl. 493-183.000.

Crain, N. Robert; and Richert, Carson T., to Radiant Technology Corporation. Infrared furnace with atmosphere control capability. 4,517,448, 5-14-85, Cl. 219-388.000.

Crain, Philip W.; and St. Pierre, Raymond M., to Mattel, Inc. Modular unit with toy vehicle propulsion device. 4,504,242, 3-12-85, Cl. 446-429.000.

Crain, Robert W.: *See—*

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Crain, Stephen F.; Gray, Steven H.; Arnold, Edward P.; and Dodd, Timothy J., to Halliburton Company. Apparatus and method for mixing a plurality of substances. 4,538,221, 8-27-85, Cl. 364-172.000.

Crain, Stephen F.; Gray, Steven H.; Green, Michael L.; and Gibson, Ronald A., to Halliburton Company. Apparatus and method for mixing a plurality of substances. 4,538,222, 8-27-85, Cl. 364-172.000.

Craine, Richard W.; and Drabick, Joseph P., to ITT Corporation. Microwave radio frequency power divider/combiner. 4,543,545, 9-24-85, Cl. 333-128.000.

Crame, Andrew J.; and Borthwick, Alan D., to Glaxo Group Limited. Benzodioxinopyrrole derivatives and processes for their preparation. 4,496,579, 1-29-85, Cl. 514-411.000.

Cramer, Barry G.; and Cramer, Roy A., to Air-O-Lator Corporation. Aspirating horizontal mixer. 4,514,343, 4-30-85, Cl. 261-37.000.

Cramer, Carl V., Sr. Non-reversible multiple-refrigeration-cycle solar apparatus including a variable directing valve mechanism. 4,553,402, 11-19-85, Cl. 62-235.100.

Cramer, Gottfried; and Krumm, Valentin, to Lindauer Dornier Gesellschaft mbH. Apparatus in a shuttleless weaving machine for making a selvage. 4,520,850, 6-4-85, Cl. 139-194.000.

Cramer, Hans, to H. Krantz GmbH & Co. Combined pin and nipper chain. 4,558,496, 12-17-85, Cl. 26-95.000.

Cramer, Paul W., Jr., to United States of America, National Aeronautics and Space Administration. Beam forming network. 4,503,436, 3-5-85, Cl. 343-876.000.

Cramer, Roy A.: *See—*
  Cramer, Barry G.; and Cramer, Roy A., 4,514,343, Cl. 261-37.000.

Cramer, Rudolph E.: *See—*
  Ouwerkerk, Johannes H. W.; Lucieer, Wouter B.; and Cramer, Rudolph E., 4,521,117, Cl. 366-165.000.

Cramer, Russell L.: *See—*
  Stuparits, Jeffrey J.; and Cramer, Russell L., 4,544,809, Cl. 179-175.20R.
  Stuparits, Jeffrey J.; and Cramer, Russell L., 4,558,188, Cl. 179-175.20D.

Crameri, Yvo; Ochsner, Paul A.; and Schudel, Peter, to Givaudan Corporation. 3-phenyl-propionaldehydes. 4,508,925, 4-2-85, Cl. 568-442.000.

Crameri, Yvo: *See—*
  Broger, Emil A.; and Crameri, Yvo, 4,539,411, Cl. 548-402.000.

Cramm, Gunther: *See—*
  Werner, Friedrich; Blank, Heinz U.; Cramm, Gunther; Braden, Rudolf; and Ziemann, Heinz, 4,495,369, Cl. 564-480.000.

Crammond, James: *See—*
  Oehlke, Donald N.; MacRae, Ralph A.; Crammond, James; and Rattmann, Hans R., 4,508,477, Cl. 411-174.000.

Cramp, John H. W., to Imperial Chemical Industries PLC. Method of and apparatus for monitoring gaseous pollutants. 4,529,317, 7-16-85, Cl. 356-407.000.

Cramp, John H. W.; Murray, Robert T.; Reid, Robert F.; and Mortier, Roy M., to Imperial Chemical Industries PLC. Fibre optic sensor with bonded dye. 4,560,248, 12-24-85, Cl. 350-96.340.

Crampton, Arthur W.; Gray, Hollis L., Jr.; and Mermelstein, Seymour, to Dresser Industries, Inc. Variable capacitance pressure transducer. 4,499,773, 2-19-85, Cl. 73-718.000.

Crandall, John A., to Phillips Petroleum Company. Carbon isotope analysis of hydrocarbons. 4,517,461, 5-14-85, Cl. 250-282.000.

Crandall, Robert E., to Rexnord Inc. Belt press. 4,544,061, 10-1-85, Cl. 198-813.000.

Crandall, Stanley C.: *See—*
  Van Ocker, William G.; Pawlenko, Ivan; Reider, Donald F.; Troebs, Charles J.; Clair, Robert A.; and Crandall, Stanley C., 4,493,572, Cl. 400-196.100.

Crandell, Paul E.: *See—*
  Bluestein, Leo I.; Crandell, Paul E.; Drake, David A.; Jedynak, Leo; and Simpson, Larry W., 4,531,021, Cl. 178-22.080.

Crandell, Stephen L., to PPG Industries, Inc. Curtainwall system. 4,543,755, 10-1-85, Cl. 52-235.000.

Crandell, Walter R., to Fast Heat Element Mfg. Co., Inc. Unitary heated nozzle assembly. 4,492,556, 1-8-85, Cl. 425-549.000.

Crandell, William H.; Moren, John L.; and Ruona, Paul Q., to Dynatech Laboratories Incorporated. Disposable/reusable dispenser for dispensing contaminatable and noncontaminatable liquids. 4,548,245, 10-22-85, Cl. 141-237.000.

Crane Cams Incorporated: *See—*
  Gaterman, William C., III, 4,515,346, Cl. 251-337.000.

Crane Carrier Company: *See—*
  Yeazel, Kenneth L.; and Forester, Robert J., 4,538,951, Cl. 414-407.000.

Crane Co.: *See—*
  Cook, Robert D.; and Skarvada, Thomas, 4,530,058, Cl. 364-426.000.
  Cook, Robert D., 4,543,633, Cl. 364-426.000.
  Crane, Timothy T., 4,534,398, Cl. 162-103.000.
  Crane, Timothy T., 4,552,617, Cl. 162-103.000.
  Hirzel, Edgar A., 4,495,589, Cl. 364-565.000.
  Skarvada, Thomas, 4,562,542, Cl. 364-426.000.

Crane, David O., to Crane Electronics, Limited. Torque transducing systems for impact tools and impact tools incorporating such systems. 4,544,039, 10-1-85, Cl. 173-12.000.

Crane Electronics, Limited: *See—*
  Crane, David O., 4,544,039, Cl. 173-12.000.

Crane, Hewitt D.; Ostrem, John S.; and Edberg, Peter K., to Communication Intelligence Corporation. Method for distinguishing between complex character sets. 4,531,231, 7-23-85, Cl. 382-13.000.

Crane, Hewitt D.; and Kelly, Donald H., to SRI International. System for producing selective stabilization of a portion of the retinal image. 4,544,246, 10-1-85, Cl. 351-211.000.

Crane, Hewitt D.; and Ostrem, John S., to Communication Intelligence Corporation. Complex pattern recognition method and system. 4,561,105, 12-24-85, Cl. 382-13.000.

Crane, Joseph J.; and Beasley, Daniel T., to Crosfield Data Systems, Inc. Scanning system employing a laser beam. 4,501,467, 2-26-85, Cl. 350-6.100.

Crane, Joseph J., to Crosfield Data Systems, Inc. Scanning system wherein the scanning beam rotates and translates. 4,511,205, 4-16-85, Cl. 350-6.100.

Crane, Laura J.; and Ramsden, Hugh E., to J. T. Baker Chemical Company. Affinity chromatography matrix with built-in reaction indicator. 4,523,997, 6-18-85, Cl. 210-635.000.

Crane Packing Limited: *See—*
  Sall, Surinderpal S.; and Kemp, John, 4,497,493, Cl. 277-2.000.

Crane, Patrick. Sewer pipeline cleaning apparatus. 4,516,286, 5-14-85, Cl. 15-104.120.

Crane, Timothy T., to Crane & Co. Security paper. 4,534,398, 8-13-85, Cl. 162-103.000.

Crane, Timothy T., to Crane & Co. Security features in paper. 4,552,617, 11-12-85, Cl. 162-103.000.

Crane, Walton B., to Industrial Designs & Services. Stacking wire for produce containers. 4,496,053, 1-29-85, Cl. 206-510.000.

Cranfield, Brian A.; Fothergill, John C.; and Wolfe, Susan V., to International Standard Electric Corporation. Polymeric dielectrics. 4,551,499, 11-5-85, Cl. 524-487.000.

Cranfill, Leonard J.: *See—*
  Smith, Dwight D.; and Cranfill, Leonard J., 4,550,850, Cl. 220-253.000.

Cranford, Hayden C., Jr.; and Garvin, Stacy J., to International Business Machines Corporation. Programmable oscillator with power down feature and frequency adjustment. 4,536,720, 8-20-85, Cl. 331-57.000.

Crank, George: *See—*
  Minh, Thi H.; Cole, Edward R.; and Crank, George, 4,499,115, Cl. 426-546.000.

Cranko, Ernest: *See—*
  Cross, Robert C.; Cranko, Ernest; and Dransfield, Michael J., 4,528,792, Cl. 52-704.000.

Crankshaft Machine Company: *See—*
  Logue, John E.; and Worthington, Samuel M., 4,528,876, Cl. 82-9.000.

Crano, John C.: *See—*
  Krass, Dennis K.; Crano, John C.; and Newman, Melvin S., 4,504,671, Cl. 560-21.000.

Cranston, Dean H.; and Myers, Charles M., to Eaton Corporation. Printer apparatus and cutting mechanism. 4,544,293, 10-1-85, Cl. 400-320.000.

Cranston Machinery Company, Inc.: *See—*
  Hargreaves, John E., 4,530,535, Cl. 294-82.240.

Crapanzano, Joseph R. Fishing plug and lure organizer. 4,516,707, 5-14-85, Cl. 224-202.000.

Crapser, James R., to S. C. Johnson & Son, Inc. Vapor-dispensing paper roll holder. 4,497,456, 2-5-85, Cl. 242-55.550.

Crase, Gary M. Releasable couplings for drill strings. 4,531,766, 7-30-85, Cl. 285-18.000.

Crass, Gunther; Janocha, Siegfried; Dietz, Wolfgang; and Bothe, Lothar, to Hoechst Aktiengesellschaft. Sealable polyolefinic multilayer film. 4,502,263, 3-5-85, Cl. 53-396.000.

Crass, Gunther: *See—*
  Hammerschmidt, Peter; and Crass, Gunther, 4,525,416, Cl. 428-220.000.

Crates, Charles A., to SMS Schloemann-Siemag, Inc. Apparatus to distribute a highly-pressurized fluid medium. 4,549,822, 10-29-85, Cl. 384-462.000.

Crathco, Inc.: *See—*
  Armstrong, Alfred, 4,505,409, Cl. 222-509.000.

Craun, Gary P.; and DeGraaf, Henry J., to SCM Corporation. Aqueous glycoluril thermosetting coating. 4,525,535, 6-25-85, Cl. 525-163.000.

Craun, Gary P.: *See—*
  Hunter, Wood E.; and Craun, Gary P., 4,525,509, Cl. 524-141.000.

Crausaz, Jacques: *See—*
  Nessi, Pierre; and Crausaz, Jacques, 4,530,366, Cl. 128-736.000.

Craven, Trevor. Universal trailer hitch. 4,548,423, 10-22-85, Cl. 280-492.000.

Craver, Joseph N., to Union Carbide Corporation. Multilayer films comprising mixtures of a melt index and 2 melt index linear low density polyethylene. 4,505,970, 3-19-85, Cl. 428-213.000.

Craver, Joseph N.; and Horner, Jerome T., to Union Carbide Corporation. Multilayer trash bag film. 4,511,609, 4-16-85, Cl. 428-35.000.

Crawford, Christopher L., to AMP Incorporated. Zero insertion force electrical connector. 4,491,378, 1-1-85, Cl. 339-75.0MP.

Crawford, David L., to Benckiser-Knapsack GmbH. Composition for treating fish to increase fish yield. 4,517,208, 5-14-85, Cl. 426-332.000.

Crawford, Delmar E.: *See—*
  Bair, Eugene C.; and Crawford, Delmar E., 4,559,698, Cl. 29-598.000.

Crawford, Dennis L.; and Mitchell, Donald J., to Minnesota Mining and Manufacturing Company. Mat board cutter with knife blade securing safety pin. 4,506,576, 3-26-85, Cl. 83-455.000.

Crawford, Gerald R.; and Kozlowski, Brian J., to International Pipe Machinery Corp. Method and apparatus for production of concrete pipe by the packerhead method. 4,540,539, 9-10-85, Cl. 264-269.000.

Crawford, James A., Jr.: *See—*

Place, Thomas M., Jr.; and Crawford, James A., Jr., 4,545,429, Cl. 165-169.000.

Crawford, James I.; and Howell, W. Max, to United States of America, Army. Spin stabilized impulsively controlled missile (SSICM). 4,560,120, 12-24-85, Cl. 244-3.220.

Crawford, James J.: *See—*

McCallister, Ronald D.; and Crawford, James J., 4,500,994, Cl. 371-43.000.

Crawford, James P. Induced stack draft apparatus. 4,512,264, 4-23-85, Cl. 110-160.000.

Crawford, Jeffrey D.: *See—*

Brownlie, Alan; Crawford, Jeffrey D.; and Smith, Harold A., 4,561,693, Cl. 297-306.000.

Crawford, John F.: *See—*

Betts, Robert E.; Crawford, John F.; and Meador, Jacqueline C., 4,542,695, Cl. 102-378.000.

Betts, Robert E.; Crawford, John F.; and McNeill, Robert E., 4,549,486, Cl. 102-334.000.

Crawford, John G., to Black & Decker Inc. Power pierce can opener. 4,520,567, 6-4-85, Cl. 30-424.000.

Crawford, John S., to Technical Components Pty. Ltd. Gas ignition circuits. 4,521,825, 6-4-85, Cl. 361-253.000.

Crawford, John T.: *See—*

Coers, Don H.; and Crawford, John T., 4,506,508, Cl. 60-652.000.

Crawford, Joseph A., to Advance Transformer Co. Sequence start lamp ballast with current spike suppression means. 4,517,498, 5-14-85, Cl. 315-323.000.

Crawford, Knute S., to Honeywell Information Systems Inc. Input/output multiplexer for a data processing system. 4,561,053, 12-24-85, Cl. 364-200.000.

Crawford, Lester M.: *See—*

Booth, Nicholas H.; Hatch, Roger C.; and Crawford, Lester M., 4,508,715, Cl. 514-280.000.

Crawford, Lynn; and McArthur, William A. Implantable electrode having different stiffening and curvature maintaining characteristics along its length. 4,493,329, 1-15-85, Cl. 128-786.000.

Crawford, Richard J.: *See—*

Curtis, John P.; Crawford, Richard J.; and Yuhasz, Kathleen M., 4,528,182, Cl. 424-54.000.

Mulvey, Patricia S.; Hayes, Harry; and Crawford, Richard J., 4,529,584, Cl. 424-52.000.

Crawford, Robert F.: *See—*

Mikulas, Martin M., Jr.; and Crawford, Robert F., 4,557,097, Cl. 52-646.000.

Crawford, Robert J., to Procter & Gamble Company, The. Synthesis of alpha-dithiophosphato amides. 4,528,140, 7-9-85, Cl. 260-402.500.

Crawford & Russell, Inc.: *See—*

Horowitz, Franklin B.; Pfeffer, Martin; and Hertanu, Herold T., 4,525,071, Cl. 366-152.000.

Crawford, Tad E. Artificial camouflage leaf construction. 4,517,230, 5-14-85, Cl. 428-17.000.

Crawford, Thomas C.; Keely, Stanley L.; Larson, David L.; Lombardino, Joseph G.; and Maciejko, James J., to Pfizer Inc. Antiinflammatory compositions and methods. 4,559,326, 12-17-85, Cl. 514-23.000.

Crawford, Wheeler C.: *See—*

Sung, Rodney L.; Zoleski, Benjamin H.; Sweeney, William M.; and Crawford, Wheeler C., 4,557,848, Cl. 252-51.50R.

Crawley, Michael W., to Eastman Kodak Company. Photographic products employing novel nondiffusible hydrazone dye-releasing compounds. 4,548,888, 10-22-85, Cl. 430-223.000.

Crawshaw, Delbert D., to RCA Corporation. Field-transfer CCD imagers with reference-black-level generation capability. 4,498,105, 2-5-85, Cl. 358-213.000.

Crawshaw, Paul V.: *See—*

Connor, Ian; and Crawshaw, Paul V., 4,532,455, Cl. 313-579.000.

Cray Research, Inc.: *See—*

August, Melvin C.; and Williams, John T., 4,535,385, Cl. 361-388.000.

Williams, John T.; and August, Melvin C., 4,514,784, Cl. 361-386.000.

Craycraft, Steven R. Golf game apparatus. 4,531,742, 7-30-85, Cl. 273-176.00F.

CRC Chemicals Inc.: *See—*

Facey, Roy B., 4,520,951, Cl. 222-182.000.

CRC Welding Systems, Inc.: *See—*

Cook, George E.; and Wells, A. Michael, Jr., 4,491,718, Cl. 219-124.220.

Cook, George E., 4,531,192, Cl. 364-513.000.

Cook, George E., 4,544,825, Cl. 219-137.00R.

Crea, David A., to FMC Corporation. Recovery of phosphorus from waste ponds. 4,492,627, 1-8-85, Cl. 209-3.000.

Crea, Dominic: *See—*

Nath, Prem; Barnard, Timothy J.; and Crea, Dominic, 4,507,181, Cl. 204-15.000.

Creagan, Richard W.; and Patell, Thomas W., to Black Clawson Company, The. Horizontal twin wire machine. 4,532,008, 7-30-85, Cl. 162-203.000.

Creager & Company: *See—*

Creager, Robert L., Sr., 4,509,139, Cl. 364-900.000.

Creager, Robert L., Sr., to Creager & Company. Binary data storage and retrieval system for serial interface communications and archival access. 4,509,139, 4-2-85, Cl. 364-900.000.

Creagh, Linda T., to Xerox Corporation. Electromechanical transducer protecting. 4,511,598, 4-16-85, Cl. 427-58.000.

Creagh, Linda T.: *See—*

Fischbeck, Kenneth H.; Creagh, Linda T.; and Raschke, Curt R., 4,546,360, Cl. 346-1.100.

Crean, Peter A.; D'Ortenzio, Remo J.; and Grow, Carolyn P., to Xerox Corporation. Printing system. 4,520,455, 5-28-85, Cl. 364-900.000.

Crean, Peter A., to Xerox Corporation. Ink jet interlace strategy. 4,525,721, 6-25-85, Cl. 346-1.100.

Crean, Peter A., to Xerox Corporation. Ink jet printer with droplet throw distance correction. 4,540,990, 9-10-85, Cl. 346-75.000.

Creare Research & Development Inc.: *See—*

Sixsmith, Herbert, 4,557,611, Cl. 384-124.000.

Creasey, Jack R.: *See—*

Pilkington, Mervin V.; Creasey, Jack R.; and Becken, Richard H., 4,504,604, Cl. 523-167.000.

Creasman, Edwin A., to Bourns, Inc. Plate molding apparatus with interlocking cavity plates. 4,513,942, 4-30-85, Cl. 249-95.000.

Creasy, Charles K.; and Hendley, Eustis. Plastic fence assembly. 4,553,741, 11-19-85, Cl. 256-66.000.

Creative Cellars, Inc.: *See—*

Cole, Gerald, 4,496,124, Cl. 248-146.000.

Creative Environments, Inc.: *See—*

Altemose, James L., 4,494,788, Cl. 294-161.000.

Creative Industries, Inc.: *See—*

Lake, Connie, 4,551,084, Cl. 425-185.000.

Creative Products Resource Associates, Ltd.: *See—*

Smith, James A.; and Murphy, Betty J., 4,537,914, Cl. 521-111.000.

Smith, James A.; and Kellett, George W., Jr., 4,545,917, Cl. 252-90.000.

Smith, James A.; and Murphy, Betty J., 4,548,954, Cl. 521-52.000.

Smith, James A., 4,550,035, Cl. 427-398.100.

Smith, James A.; and Murphy, Betty J., 4,551,481, Cl. 521-52.000.

Smith, James A.; and Reilly, James E., 4,559,157, Cl. 252-90.000.

Creative Research and Development, Inc.: *See—*

Nezat, Jerry W., 4,510,162, Cl. 426-124.000.

Nezat, Jerry W., 4,520,013, Cl. 424-141.000.

Creative Technology, Inc.: *See—*

Tuten, William J.; and Crosby, Kennith D., 4,499,984, Cl. 194-4.00C.

Tuten, William J.; Crosby, Kennith D.; and Bergquist, Bertil R., 4,538,100, Cl. 318-808.000.

Credali, Lino; Martini, Emilio; and Lori, Domenico, to Montedison S.p.A. Process for preparing multilayer fibrous structures and product. 4,500,594, 2-19-85, Cl. 428-284.000.

Credali, Lino; Parrini, Paolo; Milano, Mario; and Lori, Domenico, to Montedison S.p.A. Process for preparing moisture-resistant packing cardboard. 4,560,429, 12-24-85, Cl. 156-208.000.

Credali, Lino: *See—*

Chiolle, Antonio; Vecchi, Alfio; and Credali, Lino, 4,510,185, Cl. 427-222.000.

Credelle, Thomas L.: *See—*

Glock, Thomas L.; and Credelle, Thomas L., 4,517,489, Cl. 313-422.000.

Credence Finance Association: *See—*

Lindstrom, Wictor C. O., 4,495,726, Cl. 49-401.000.

Credfeld Camtorc Limited: *See—*

McCormack, Wallace, 4,546,921, Cl. 239-125.000.

Credle, William S., Jr., to Coca-Cola Company, The. Sold-out device for syrup pump. 4,544,328, 10-1-85, Cl. 417-33.000.

Credle, William S., Jr., to Coca-Cola Company, The. Reversing mechanism module for a double acting reciprocating pump and method for repairing the pump. 4,550,624, 11-5-85, Cl. 74-110.000.

Credo Stahlwarenfabrik Gustav Kracht, Firma: *See—*

Gilhaus, Heinz, 4,537,207, Cl. 132-76.400.

Creed, David M.; and Ive, John G. S., to Sony Corporation. Detecting and correcting errors in digital audio signals. 4,549,298, 10-22-85, Cl. 371-40.000.

Creed, Durwood L., to United States of America, Air Force. Method and means for providing frequency agile operation of MTI radar. 4,495,501, 1-22-85, Cl. 343-7.700.

Creed, Gerald J., to Singer Company, The. Thread severing arrangement for thread winding bobbin. 4,515,099, 5-7-85, Cl. 112-279.000.

Creedon, Richard L., to GA Technologies Inc. Bow action valve. 4,510,972, 4-16-85, Cl. 137-625.280.

Creek, Ronald B.; Harden, Charles T.; and Harris, Harold H., to Combustion Engineering, Inc. Remotely operated maintenance and inspection equipment transporter. 4,515,747, 5-7-85, Cl. 376-249.000.

Creekmore, Thomas D. Lingual orthodontic appliance system for edgewise therapy. 4,529,382, 7-16-85, Cl. 433-9.000.

Creekmore, Thomas D. Combination single/twin edgewise orthodontic bracket. 4,531,911, 7-30-85, Cl. 433-8.000.

Creel, Georges N.; and Morelle, Claude, to U.S. Philips Corporation. Test plate having a thermal test pattern. 4,549,814, 10-29-85, Cl. 374-2.000.

Creer, Jack G.: *See—*

Liberts, Sandra; Creer, Jack G.; and Mole, Thomas, 4,554,393, Cl. 585-322.000.

Crehan, Donald T.: *See—*

Convis, Danny B.; Crehan, Donald T.; and Lovell, Charles J., 4,555,700, Cl. 340-721.000.

Dwire, Jerold D.; and Crehan, Donald T., 4,556,878, Cl. 340-724.000.

Crehan & Fricke: *See—*

Kennedy, Richard B., 4,530,777, Cl. 252-182.000.

Crehan, Patrick J.: *See—*

Kennedy, Richard B., 4,515,638, Cl. 106-162.000.

Kennedy, Richard B., 4,521,544, Cl. 521-107.000.

Crehan, Patrick James: *See—*
  Kennedy, Richard B., 4,520,139, Cl. 521-109.100.

Creighton, Kenneth R. Hydraulic energy drill bit. 4,492,277, 1-8-85, Cl. 175-329.000.

Creissels, Denis C. Twin suspension/haulage cable gondola lift. 4,509,430, 4-9-85, Cl. 104-173.00R.

Cremasco, Venanzio M., to Ing. C. Olivetti & C., S.p.A. Typewriter correction device for correcting in the forward or reverse directions. 4,529,327, 7-16-85, Cl. 400-697.100.

Cremer, Jens, to Euronom AB. Burner head. 4,546,710, 10-15-85, Cl. 110-263.000.

Cremers, David A.; and Keller, Richard A., to United States of America, Energy. Apparatus and method for measurement of weak optical absorptions by thermally induced laser pulsing. 4,544,274, 10-1-85, Cl. 356-436.000.

Cremers, David A.: *See—*
  Radziemski, Leon J.; and Cremers, David A., 4,561,777, Cl. 356-318.000.

Cremers, Norbert J.: *See—*
  Adams, Dennis V.; Cremers, Norbert J.; and Henry, Raymond L., 4,534,958, Cl. 424-45.000.

Cremonesi, Pietro; and Sportoletti, Giancarlo, to Italfarmaco S.p.A. Process for the purification of glucosaminoglucans. 4,507,205, 3-26-85, Cl. 210-638.000.

Cremonesi, Pietro: *See—*
  Sportoletti, Giancarlo; Pagella, Piergiuseppe; and Cremonesi, Pietro, 4,493,829, Cl. 424-177.000.

Crennan, Gerard: *See—*
  Mautner, Jacob E.; Crennan, Gerard; and Anderson, Arnold N., 4,539,727, Cl. 16-285.000.

Crenshaw, Ronnie R.; and Algieri, Aldo A., to Bristol-Myers Company. Histamine H_2-antagonists. 4,510,309, 4-9-85, Cl. 546-194.000.

Crenshaw, Ronnie R.; and Algieri, Aldo A., to Bristol-Myers Company. Intermediates for preparing 3,4-diamino-1,2,5-thiadiazoles. 4,517,366, 5-14-85, Cl. 546-231.000.

Crenshaw, Ronnie R.; and Algieri, Aldo A., to Bristol-Myers Company. Substituted 3,4-diamino-1,2,5-thiadiazoles having histamine H_2-receptor antagonist activity. 4,528,375, 7-9-85, Cl. 546-193.000.

Crenshaw, Ronnie R.; and Algieri, Aldo A., to Bristol-Myers Company. Substituted 3,4-diamino-1,2,5-thiadiazoles having histamine H_2-receptor antagonist activity. 4,528,377, 7-9-85, Cl. 546-209.000.

Crenshaw, Ronnie R.; and Algieri, Aldo A., to Bristol-Myers Company. Substituted 3,4-diamino-1,2,5-thiadiazoles having histamine H_2-receptor antagonist activity. 4,528,378, 7-9-85, Cl. 546-209.000.

Crenshaw, Ronnie R.: *See—*
  Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,503,051, Cl. 514-183.000.
  Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,522,943, Cl. 514-183.000.
  Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,526,973, Cl. 546-235.000.
  Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,539,316, Cl. 514-212.000.
  Algieri, Aldo A.; and Crenshaw, Ronnie R., 4,546,188, Cl. 546-194.000.
  Monkovic, Ivo; and Crenshaw, Ronnie R., 4,507,485, Cl. 546-210.000.

Crepaco, Inc.: *See—*
  Clement, Maurice C., 4,534,657, Cl. 366-265.000.
  Thomas, Edward B.; and Peters, Mark C., 4,535,836, Cl. 165-86.000.

Crepeau, Allen E., to Uniroyal, Inc. Method of protecting a roof. 4,514,442, 4-30-85, Cl. 427-140.000.

Crepin, Herve, to Huret et ses Fils. Derailler for a cycle having an orientable chain guiding device. 4,500,302, 2-19-85, Cl. 474-82.000.

Crepps, Dewitt C.: *See—*
  Sensabaugh, Andrew J., Jr.; Crepps, Dewitt C.; Rice, William Y., Jr.; and Fearrington, George W., Jr., 4,545,392, Cl. 131-352.000.

Crepy, Gilles: *See—*
  le Mehaute, Alain; Hamaide, Thierry; Crepy, Gilles; and Marcellin, Georges, 4,556,614, Cl. 429-191.000.

Crescent Hosiery Mills: *See—*
  Burn, William H., 4,499,742, Cl. 66-172.00E.

Crescent Metal Products Inc.: *See—*
  Baggott, George T., 4,544,024, Cl. 165-48.00R.

Crescenzo, Francis C.; and LaFleur, Paul J., Jr., to Package Machinery Co. Sealing wheel for forming fin seal package. 4,495,745, 1-29-85, Cl. 53-77.000.

Crescuolo, Phillip J.: *See—*
  Campbell, Herbert W.; and Crescuolo, Phillip J., 4,544,489, Cl. 210-709.000.

Crespi, Charles L.; and Thilly, William G., to Massachusetts Institute of Technology. Mutation assays involving blood cells that metabolize toxic substances. 4,532,204, 7-30-85, Cl. 435-29.000.

Crespo, Jorge L. N. Interlocking system for building walls. 4,514,949, 5-7-85, Cl. 52-585.000.

Crespy, Serge. Lighter combined with instrument. 4,522,584, 6-11-85, Cl. 431-253.000.

Crespy, Serge. Holder combined with instrument. 4,553,926, 11-19-85, Cl. 431-253.000.

Cress, Allan K.; and Busse, Charles E., to Maryland Cup Corporation. Apparatus for manufacturing foam plastic containers by use of a tubular forming mandrel. 4,559,765, 12-24-85, Cl. 53-557.000.

Cress, Hobart A.: *See—*
  Brewer, John H.; and Cress, Hobart A., 4,516,882, Cl. 405-224.000.

Cressey, John R.; and Meneely, Dennis C., to Rixon, Inc. Synchronous digital QPSK demodulator with carrier error correction. 4,555,667, 11-26-85, Cl. 329-50.000.

Cresti, Alfio. Masking cover for a wall surface around a pipe which emerges therefrom. 4,490,954, 1-1-85, Cl. 52-221.000.

Crestmont Corporation: *See—*
  Ringer, Billy R., Sr., 4,530,689, Cl. 493-410.000.

Creter, Frank E., Jr.; and Creter, Richard E., to Creter Vault Corp. Shoreline breakwater. 4,502,816, 3-5-85, Cl. 405-30.000.

Creter, Richard E.: *See—*
  Creter, Frank E., Jr.; and Creter, Richard E., 4,502,816, Cl. 405-30.000.

Creter Vault Corp.: *See—*
  Creter, Frank E., Jr.; and Creter, Richard E., 4,502,816, Cl. 405-30.000.

Cretin, Jacques; and Beauducel, Claude, to Institut Francais du Petrole; and Compagnie Generale de Geophysique. Device for interconnecting a series of data acquisition apparatuses to a remote receiving and recording system. 4,523,191, 6-11-85, Cl. 340-825.520.

Cretin, Jacques: *See—*
  Beauducel, Claude; Cretin, Jacques; Ausset, Alain; and Ringot, Gabriel, 4,503,526, Cl. 367-20.000.

Creusot-Loire: *See—*
  Chauveton, Claude, 4,495,771, Cl. 60-525.000.
  Chrysostome, Gerard; and Borgnat, Daniel, 4,544,020, Cl. 165-1.000.
  Chrysostome, Gerard; and Borgnat, Daniel, 4,552,203, Cl. 165-1.000.
  Dreuilhe, Jacques; Puff, Roger; Kita, Jean-Claude; and Large, Jean-Francois, 4,542,716, Cl. 122-4.00D.
  Ducournau, Alain; and Barras, Francois, 4,527,476, Cl. 101-352.000.
  Katz, Maurice, 4,535,998, Cl. 277-212.0FB.
  Lhenry, Bernard; and Roustan, Max, 4,523,896, Cl. 417-244.000.
  Morin, Jean-Xavier; and Chrysostome, Gerard, 4,552,078, Cl. 110-347.000.
  Pere, Gerard; and Badaut, Roger, 4,513,630, Cl. 74-60.000.
  Pinto, Georges, 4,527,487, Cl. 105-223.000.
  Sevelinge, Gerard; and Pido, Jean-Claude, 4,558,551, Cl. 52-646.000.
  Voillot, Herve, 4,496,041, Cl. 198-457.000.

Creutz, Helmut: *See—*
  Schierz, Winfried; and Creutz, Helmut, 4,499,485, Cl. 357-74.000.

Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, to Societe Cortial, S.A. 2-amino-5-aminomethyl-2-oxazolines, compositions and use. 4,497,812, 2-5-85, Cl. 514-211.000.

Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, to Societe Cortial, S.A. N-(5-aminomethyl-2-oxazolin-2-yl)-N'-phenylureas, compositions and use. 4,499,090, 2-12-85, Cl. 514-210.000.

Crevecoeur, Cornelis: *See—*
  de Wit, Hendrik J.; Van Berlo, Albertus W. M.; and Crevecoeur, Cornelis, 4,497,699, Cl. 204-129.200.

Crevel, Philippe, to Motorola, Inc. Process and device for servo-control. 4,494,184, 1-15-85, Cl. 364-178.000.

Crevier, Paul H.; and Lindmayer, Istvan. Surgical stapler. 4,496,090, 1-29-85, Cl. 227-19.000.

Crevling, Robert L., Jr.: *See—*
  Berfield, Robert C.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,508,550, Cl. 55-216.000.
  Miller, Jonathan; Wacek, Rudolph W.; Berfield, Robert C.; Meland, Ronald F.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,538,971, Cl. 417-423.00A.

Crews, Gary A.: *See—*
  Fix, James E.; and Crews, Gary A., 4,499,565, Cl. 367-49.000.

Crews, George M.: *See—*
  Allan, G. Graham; Freepons, Donald E.; and Crews, George M., 4,560,400, Cl. 71-29.000.

Crews, Harold R.: *See—*
  Carter, James H.; Ledis, Stephen L.; and Crews, Harold R., 4,521,518, Cl. 436-10.000.
  Carter, James H.; Ledis, Stephen L.; Crews, Harold R.; Sena, Ted; and Larsen, Fred L., 4,528,274, Cl. 436-10.000.

Crews, Mark E., to Cameron Iron Works, Inc. Tension hanger landing bowl. 4,501,441, 2-26-85, Cl. 285-143.000.

Cribb, B. Jay, Jr.; Drozd, Edward J., Jr.; Wilmot, Ian R.; and Leap, Debradell C., to Kraft, Inc. Plastic closure for grated cheese or the like. 4,545,508, 10-8-85, Cl. 222-153.000.

Cribb, W. Raymond: *See—*
  Church, Nathan L.; Cribb, W. Raymond; and Harkness, John C., 4,551,187, Cl. 148-411.000.

Cribbs, Doyle E.; and Weckerly, James R., to GTE Products Corporation. Hand held fiber optic cleaving tool. 4,557,049, 12-10-85, Cl. 30-124.000.

Cribiu, Leonardo: *See—*
  Cribiu, Oreste; and Cribiu, Leonardo, 4,560,070, Cl. 209-664.000.

Cribiu, Oreste; and Cribiu, Leonardo, to Crizaf di O. & L. Cribiu S.n.c. Device for separation of sprues from molded pieces of different shapes and sizes. 4,560,070, 12-24-85, Cl. 209-664.000.

Cricchi, James R., to Westinghouse Electric Corp. Prevention of latch-up in CMOS integrated circuits using Schottky diodes. 4,513,309, 4-23-85, Cl. 357-42.000.

Cricchi, James R., to Westinghouse Electric Corp. Common memory gate non-volatile transistor memory. 4,527,257, 7-2-85, Cl. 365-184.000.

- Crichlow, Charles A.: *See—*
  - Martin, Lawrence L.; Worm, Manfred; and Crichlow, Charles A., 4,504,680, Cl. 564-265.000.
- Crick, Neil; and Miles, Anthony, to Racal Recorders Limited. Electrical calibration arrangements. 4,528,602, 7-9-85, Cl. 360-66.000.
- Crider, Quincy E., to Sigma Chemical Company. Rapid, accurate method of separation of oxalate from urine and other biological fluids. 4,539,118, 9-3-85, Cl. 210-683.000.
- Crimmins, Arthur G., Jr., to Quill Licensing. Finger control system. 4,516,939, 5-14-85, Cl. 434-114.000.
- Crimmins, James W. Infrared telephone extension modulation system. 4,553,267, 11-12-85, Cl. 455-606.000.
- Crinquette, Andre: *See—*
  - Gauchet, Yves; Crinquette, Andre; Martinet, Pascal; and Lestradet, Denis, 4,530,465, Cl. 239-127.000.
- Crippen, Henry O. Chance device. 4,497,487, 2-5-85, Cl. 273-146.000.
- Crippen Manufacturing Co., Inc.: *See—*
  - Frevert, Robert E., 4,498,981, Cl. 209-243.000.
- Crisci, Clem C., to Northern Engineering and Plastics Corp. Snap on twist off tamper-proof closure for containers. 4,561,553, 12-31-85, Cl. 215-256.000.
- Criscione, Frank J., II: *See—*
  - Bonuchi, James A.; and Criscione, Frank J., II, 4,561,148, Cl. 17-11.000.
- Criscione, John M.: *See—*
  - Mercuri, Robert A.; and Criscione, John M., 4,526,834, Cl. 428-408.000.
- Crisp, Eric H., to Spraybake Limited. Spraybooth. 4,515,072, 5-7-85, Cl. 98-115.200.
- Crisp, Harold A.; and Clayton, John C., to Glaxo Group Limited. Amorphous form of cefuroxime ester. 4,562,181, 12-31-85, Cl. 514-202.000.
- Criss, George H.: *See—*
  - Kleeb, Thomas R.; Criss, George H.; and McCreight, Donald O., 4,506,025, Cl. 501-124.000.
- Criss, Russell C.; and Gillery, F. Howard, to PPG Industries, Inc. Stainless steel primer for sputtered films. 4,512,863, 4-23-85, Cl. 204-192.00R.
- Criss, Russell C.: *See—*
  - Gillery, F. Howard; and Criss, Russell C., 4,508,789, Cl. 428-630.000.
- Crissy, Charles F.; and Holmes, Paul M., to Aeroquip Corporation. Captive dunnage fitting. 4,553,888, 11-19-85, Cl. 410-144.000.
- Crist, Lee D., to AM International, Inc. Sheet handling mechanism for duplicating machine with duplexing capability. 4,512,255, 4-23-85, Cl. 101-230.000.
- Crist, Paul V., Jr. Process for making stained glass tiffany-type lamp shades. 4,557,772, 12-10-85, Cl. 156-62.000.
- Crist, Robert M. Mail box signal device. 4,524,905, 6-25-85, Cl. 232-35.000.
- Cristante, Guido, to I.P.E. Nuova Bialetti S.p.A. Household appliance for making ice cream. 4,551,026, 11-5-85, Cl. 366-149.000.
- Cristell, Frank A., to Donahue, Robert H. Duct molding and cable mounting clips. 4,534,147, 8-13-85, Cl. 52-287.000.
- Cristiani, Athos, to Sasib S.p.A. Device for wrapping a junction band around a pair of cigarettes. 4,505,280, 3-19-85, Cl. 131-94.000.
- Cristiani, Athos, to Sasib S.p.A. Transferring device for rod-like articles. 4,558,778, 12-17-85, Cl. 198-471.100.
- Cristiano, Gary M.: *See—*
  - Walczak, Thomas J.; Stone, Richard M.; and Cristiano, Gary M., 4,523,155, Cl. 330-279.000.
- Cristinacce, Michael: *See—*
  - Cook, William T.; Cristinacce, Michael; and Amin, Rajendra K., 4,514,236, Cl. 148-38.000.
- Cristobal, Carlos C.: *See—*
  - Palacio, Joaquin J.; and Cristobal, Carlos C., 4,490,956, Cl. 52-639.000.
  - Palacio, Joaquin J.; and Cristobal, Carlos C., 4,523,419, Cl. 52-690.000.
  - Palacio, Joaquin J.; and Cristobal, Carlos C., 4,525,972, Cl. 52-643.000.
- Cristofori, Manlio: *See—*
  - Borzatta, Valerio; Cristofori, Manlio; Morotti, Mauro; and Mascellani, Giuseppe, 4,515,809, Cl. 514-533.000.
- Criswell, Peter B., to Sperry Corporation. Method and a means for checking normalizing operations in a computer device. 4,528,640, 7-9-85, Cl. 364-737.000.
- Criswell, Peter B.: *See—*
  - Kregness, Glen R.; Criswell, Peter B.; and DeKarske, Clarence W., 4,556,978, Cl. 371-49.000.
- Critchlow, Richard: *See—*
  - Tozier, John E.; Anouchi, Abraham; and Critchlow, Richard, 4,541,988, Cl. 422-94.000.
- Critelli, Thomas P. Method of filling an athletic bag with air and liquid. 4,527,796, 7-9-85, Cl. 272-77.000.
- Crites, Allan B., to Arlasky, David F. Vehicle alarm apparatus. 4,539,548, 9-3-85, Cl. 340-63.000.
- Critikon, Inc.: *See—*
  - Chang, Joseph J.; and Ramsey, Maynard, III, 4,499,901, Cl. 128-635.000.
  - Hood, Rush W., Jr., 4,501,280, Cl. 128-677.000.
  - Kratochvil, Jiri; and Janata, Jiri, 4,533,456, Cl. 204-415.000.
  - Medero, Richard; Hood, Rush W.; Apple, Howard P.; and Ramsey, Maynard, III, 4,543,962, Cl. 128-682.000.
  - Medero, Richard, 4,546,775, Cl. 128-681.000.
  - Schlessinger, Joseph E.; and Hamilton, Richard G., 4,546,770, Cl. 128-630.000.
  - Sullivan, Richard E., 4,546,778, Cl. 128-718.000.
- Crivello, James V., to General Electric Company. Aromatic polyvinyl ethers and heat curable molding compositions obtained therefrom. 4,518,788, 5-21-85, Cl. 560-064.000.
- Crivello, James V.; and Lee, Julia L., to General Electric Company. Photopolymerizable organic compositions and diaryliodonium ketone salts used therein. 4,529,490, 7-16-85, Cl. 204-159.110.
- Crivello, James V., to General Electric Company. Free-radical initiators and method for making. 4,535,174, 8-13-85, Cl. 556-443.000.
- Crivello, James V., to General Electric Company. Photoresist compositions and method. 4,537,854, 8-27-85, Cl. 430-283.000.
- Crizaf di O. & L. Cribiu S.n.c.: *See—*
  - Cribiu, Oreste; and Cribiu, Leonardo, 4,560,070, Cl. 209-664.000.
- Crnojevich, Ranko; Wiewiorowski, Edward I.; and Yu, Peter H., to Amax Inc. Production of metals with low selenium contents. 4,497,659, 2-5-85, Cl. 75-109.000.
- Croat, John J., to General Motors Corporation. High coercivity rare earth-iron magnets. 4,496,395, 1-29-85, Cl. 75-123.00E.
- Croce, Carmen L.: *See—*
  - Apothaker, Richard L.; Reed, James; Croce, Carmen L.; and Wagner, Frederick B., III, 4,492,951, Cl. 338-316.000.
- Croce, Charles L., to Marzeoti, Frank. Glass cutter and accessory. 4,541,176, 9-17-85, Cl. 30-164.950.
- Crochet, Michel: *See—*
  - Rodiere, Charles; and Crochet, Michel, 4,502,009, Cl. 324-337.000.
- Crochetiere, Raymond H.: *See—*
  - Kitch, Paul E.; Crochetiere, Raymond H.; Gudmundson, Gunnar G.; and Hadank, Walter R., 4,519,688, Cl. 354-297.000.
- Crockatt, William B.; and Rimma, John, to DeSoto, Inc. Clear coatings to protect wood from discoloring and greying on exterior exposure. 4,539,047, 9-3-85, Cl. 106-268.000.
- Crocker, Charles L.; Wallace, Michael; and Powell, Lee, to Burlington Industries, Inc. Take-up shaft guard for open-end yarn spinning machine. 4,553,384, 11-19-85, Cl. 57-406.000.
- Crocker, David R.; Stelling, Desi D.; and Larson, Francis W., to Sperry Corporation. High speed solid state multiplexer. 4,524,443, 6-18-85, Cl. 370-112.000.
- Crockett, Gary B., to AT&T Bell Laboratories. Synchronization of real-time clocks in a packet switching system. 4,530,091, 7-16-85, Cl. 370-60.000.
- Crockett & Kelly, Inc.: *See—*
  - Horst, Paul V., Sr.; and Hoyt, Charles D., 4,518,847, Cl. 219-365.000.
- Croes, Robert C.: *See—*
  - Gentile, Carmine J.; Hagge, Melvin L.; and Croes, Robert C., 4,501,978, Cl. 307-475.000.
- Croft, Leon: *See—*
  - Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.
- Crofts, John G., Sr., to Cummins Engine Company, Inc. Cooling system. 4,550,692, 11-5-85, Cl. 123-41.100.
- Croissant, Jonny, to Ducellier & Cie. Ignition coil for internal combustion motor. 4,531,501, 7-30-85, Cl. 123-634.000.
- Croley, Donald F.: *See—*
  - Bartlett, John C.; Bohnhoff, Alan E.; Croley, Donald F.; Dyer, Stanley; Edds, Kenneth E.; Horlander, Frank J.; and Stafford, Donald W., 4,545,693, Cl. 400-120.000.
- Croley, Thomas E., to Williamette Industries, Inc. Disposable container assembly for liquids or semi-liquids in bulk. 4,516,692, 5-14-85, Cl. 222-105.000.
- Croll-Reynolds Engineering Co., Inc.: *See—*
  - Sim, F. Thomas; Ancillai, Louis D.; and Leikam, Carson, 4,547,296, Cl. 210-778.000.
- Cromeens, Jeff Y., to Industrial Woodworking Machine Co. Inc. Apparatus for guiding a powered circular saw along an elliptical cutting path. 4,510,835, 4-16-85, Cl. 83-471.200.
- Cromie, Harry W.: *See—*
  - Klawitter, Jerome J.; and Cromie, Harry W., 4,535,483, Cl. 623-2.000.
- Cromwell, Clarence A.: *See—*
  - Austin, James W.; Bradburn, Ronald G.; Cromwell, Clarence A.; Gratch, Eitan; Groiss, Erich; Perkins, Derek; and W[illegible]er, Robert A., 4,500,496, Cl. 423-55.000.
- Cromwell Paper Company, The: *See—*
  - Weil, David M., 4,557,966, Cl. 428-209.000.
- Crone, John M., Jr.; Kuhlmann, Erven J.; and McMahon, Matthew A., to Texaco Inc. Method and apparatus for the production of exhaust gas filters. 4,553,499, 11-19-85, Cl. 118-428.000.
- Cronenberg, Dieter-Julius; and Faflek, Jeno, to Athmer, F. Sealing device for the bottom of a door. 4,519,165, 5-28-85, Cl. 49-307.000.
- Cronenwett, Anna E.; and Doyle, Kathleen. Rehabilitation devices. 4,505,265, 3-19-85, Cl. 128-1.00R.
- Cronin, David V., to Polaroid Corporation. Processing apparatus and method for treating a film unit with a liquid. 4,493,546, 1-15-85, Cl. 354-324.000.
- Cronin, David V., to Polaroid Corporation. Photographic processing apparatus. 4,541,701, 9-17-85, Cl. 354-324.000.
- Cronin-Golomb, Mark; Fischer, Baruch; White, Jeffrey O.; and Yariv, Amnon, to California Institute of Technology. Passive phase conjugate mirror. 4,529,273, 7-16-85, Cl. 350-354.000.

Cronin, Michael J., to Lockheed Corporation. Quick attach detach instrument panel method. 4,493,146, 1-15-85, Cl. 29-857.000.

Cronin, Michael J., to Lockheed Corporation. Multi role primary/auxiliary power system with engine start capability for aircraft. 4,494,372, 1-22-85, Cl. 60-39.070.

Cronin, Michael J., to Lockheed Corporation. Electronic circuit board and method and apparatus for thermal management thereof. 4,498,119, 2-5-85, Cl. 361-386.000.

Cronin, Michael J., to Lockheed Corporation. All electric environmental control system for advanced transport aircraft. 4,523,517, 6-18-85, Cl. 98-1.500.

Cronin, Michael J.; and Hamra, Victor W., to Lockheed Corporation. Electrical connector assembly for flat cables. 4,526,432, 7-2-85, Cl. 339-75.00M.

Cronin, Michael J., to Lockheed Corporation. Electric actuator system with hydraulic coupling as protection against mechanical jamming. 4,530,271, 7-23-85, Cl. 91-509.000.

Cronin, Michael J., to Lockheed Corporation. Energy efficient ECS powered by a variable voltage/variable frequency power system. 4,546,939, 10-15-85, Cl. 244-118.500.

Cronin, Timothy H.; Faubl, Hermann; Hoffman, William W.; and Korst, James J., to Pfizer Inc. Interferon induction in animals by amines. 4,491,583, 1-1-85, Cl. 424-250.000.

Cronk, Allan D. Anti-corrosion pipe apparatus. 4,538,837, 9-3-85, Cl. 285-55.000.

Croo, Robert J., to British Petroleum Company p.l.c., The. Process and apparatus for continuous measurement of the pour point of oil. 4,508,460, 4-2-85, Cl. 374-16.000.

Crook, Dwight L.: *See—*

Mohsen, Amr M.; and Crook, Dwight L., 4,543,594, Cl. 357-51.000.

Crook, Edward J., Jr., to Crosby Group, Inc., The. Fitting for connection with web-type strapping. 4,493,135, 1-15-85, Cl. 24-197.000.

Crook, Edward J., Jr., to Crosby Group, Inc., The. Load binder handle and extension therefor. 4,512,062, 4-23-85, Cl. 24-71.00R.

Crook, Edward J., Jr., to Crosby Group, Inc., The. Wire rope to chain connector for anchoring systems. 4,513,681, 4-30-85, Cl. 114-293.000.

Crook, James C., to Kollmorgen Technologies Corporation. Rotor position sensor error detection. 4,532,461, 7-30-85, Cl. 318-254.000.

Crook, Mikel S.; and Decker, Douglas E., to American Standard Inc. Shell nozzle. 4,544,030, 10-1-85, Cl. 165-159.000.

Crook, Robert L., to Albany International Corp. Multilayered press felt. 4,555,440, 11-26-85, Cl. 428-223.000.

Crook, Stephen E.: *See—*

Rocci, Joseph D.; Crook, Stephen E.; Kauffman, Marc; and Groff, Donald E., 4,494,111, Cl. 340-533.000.

Crooke, Arthur W.; and Stebbins, Edwin E., to Analogic Corporation. Multi-mode oscilloscope trigger with compensating trigger delay. 4,555,765, 11-26-85, Cl. 364-571.000.

Crookes, Derek L., to Glaxo Group Limited. Aminoalkyl furan derivative. 4,521,431, 6-4-85, Cl. 514-471.000.

Crooks, Donald D.: *See—*

Vidoz, Aldo E.; Crooks, Donald D.; Lewis, Richard E.; Palmer, Ian G.; and Wadsworth, Jeffrey, 4,557,770, Cl. 148-437.000.

Crooks, Horatio N.; and Kelly, Martin J., Jr., to RCA Corporation. Detection of defects in a circular or spiral diffraction grating. 4,541,716, 9-17-85, Cl. 356-237.000.

Crooks, Hubert B., to Devro, Inc. Method of preparing collagen extrusion gels. 4,526,580, 7-2-85, Cl. 8-94.180.

Crooks, Robert C., to Barcus-Berry, Inc. Notch filter system. 4,496,859, 1-29-85, Cl. 307-520.000.

Croopnick, Gerald A.; and Scruggs, David M., to Dresser Industries, Inc. Electrodeposition of amorphous alloys and products so produced. 4,529,668, 7-16-85, Cl. 428-665.000.

Croopnick, Gerald A.; and Zabsky, John M., to Dresser Industries, Inc. Solid discharge mechanism for dewatering system. 4,557,836, 12-10-85, Cl. 210-287.000.

Cropper, George D.; and Gentile, Anthony J., to Chandler Evans Inc. Electronic fuel control with manual training mode. 4,537,025, 8-27-85, Cl. 60-39.281.

Crorey, David J.: *See—*

Blatt, Leland F.; and Crorey, David J., 4,518,187, Cl. 294-88.000.

Cros, Georges: *See—*

Cartier, Michel; and Cros, Georges, 4,491,542, Cl. 260-123.700.

Cros, Pierre, to Promecam Sisson-Lehmann. Adapter device for mounting punches on a bending press. 4,534,203, 8-13-85, Cl. 72-481.000.

Cros, Yves: *See—*

Ferronniere, Michel; and Cros, Yves, 4,545,319, Cl. 114-345.000.

Crosbie, Gary M.; and Bretz, Gregory T., to Ford Motor Company. Method of making a silicon metal containing article. 4,519,967, 5-28-85, Cl. 264-86.000.

Crosbie, Richard J.; and Edwards, Paul R., to United States of America, Navy. Servo operated anti-G suit pressurization system. 4,534,338, 8-13-85, Cl. 128-1.00A.

Crosby, E. Eugene, to Owens-Corning Fiberglas Corporation. Spinner device for rotary production of fibers. 4,545,796, 10-8-85, Cl. 65-15.000.

Crosby, Edward L., Jr., to RCA Corporation. Method and apparatus for assaying the purity of a gas. 4,555,932, 12-3-85, Cl. 73-24.000.

Crosby, Gaius P.; and James, Thomas A., to James, Thomas A. Lightweight safe and door mechanism therefor. 4,520,736, 6-4-85, Cl. 109-60.000.

Crosby Group, Inc., The: *See—*

Crook, Edward J., Jr., 4,493,135, Cl. 24-197.000.

Crook, Edward J., Jr., 4,512,062, Cl. 24-71.00R.

Crook, Edward J., Jr., 4,513,681, Cl. 114-293.000.

Springer, Richard E.; and Baxter, Gary R., 4,549,829, Cl. 403-57.000.

Crosby, Jeffrey N.: *See—*

Mason, John J.; Cunningham, Michael T.; and Crosby, Jeffrey N., 4,518,467, Cl. 204-37.100.

Crosby, John, to Imperial Chemical Industries PLC. Insecticidal product. 4,510,098, 4-9-85, Cl. 260-465.00D.

Crosby, John, to Imperial Chemical Industries PLC. Process for the preparation of cyclopropane carboxylic acid esters. 4,551,281, 11-5-85, Cl. 260-465.00D.

Crosby, Kennith D.: *See—*

Tuten, William J.; and Crosby, Kennith D., 4,499,984, Cl. 194-4.00C.

Tuten, William J.; Crosby, Kennith D.; and Bergquist, Bertil R., 4,538,100, Cl. 318-808.000.

Crosby, Michael J., to Lord Corporation. Hydropneumatic drive apparatus. 4,528,894, 7-16-85, Cl. 92-12.000.

Crosby, Peter A.; Daly, Christopher N.; Money, David K.; Patrick, James F.; Seligman, Peter M.; and Kuzma, Janusz A., to Commonwealth of Australia, Dept. of Science & Technology. Cochlear implant system for an auditory prosthesis. 4,532,930, 8-6-85, Cl. 128-419.00R.

Crosby, Peter A.: *See—*

Patrick, James F.; Crosby, Peter A.; Kuzma, Janusz A.; and Money, David K., 4,522,209, Cl. 128-419.00R.

Crosby Valve & Gage Company: *See—*

Walter, John F., 4,505,294, Cl. 137-241.000.

Croset, Michel; and Mercandalli, Louis, to Thomson-CSF. Method of reduction of a compound forming a layer on a substrate and the application of said method to the fabrication of a field-effect semiconducting structure. 4,521,951, 6-11-85, Cl. 29-571.000.

Croset, Michel; Dieumegard, Dominique; and Pribat, Didier, to Thomson-CSF. Process for manufacturing a semi-conductor device of the type comprising at least one silicon layer deposited on an insulating substrate. 4,540,452, 9-10-85, Cl. 148-175.000.

Crosfield Data Systems, Inc.: *See—*

Crane, Joseph J.; and Beasley, Daniel T., 4,501,467, Cl. 350-6.100.

Crane, Joseph J., 4,511,205, Cl. 350-6.100.

Provisor, Zvi; and Burford, Henry H. T., Jr., 4,517,638, Cl. 364-146.000.

Crosfield Electronic Limited: *See—*

Gamson, Alan R.; and Kellner, Phillip R., 4,555,475, Cl. 430-309.000.

Crosfield Electronics Limited: *See—*

Pugsley, Peter C., 4,496,968, Cl. 358-80.000.

Pugsley, Peter C., 4,532,596, Cl. 364-469.000.

Rigg, Anthony W.; Kellner, Phillip R.; Sahi, Mohammed A.; and Gamson, Alan R., 4,528,909, Cl. 101-395.000.

Crosilla, Danilo A.: *See—*

Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., 4,521,606, Cl. 548-503.000.

Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., 4,562,200, Cl. 514-415.000.

Crosio, Pasquale, to Ing. C. Olivetti & C., S.p.A. Device for mounting a daisywheel on a typewriter. 4,553,868, 11-19-85, Cl. 400-356.000.

Croskell, Henry; and Graham, Tommy E., to Monsanto Company. Process for recovering gases from landfills. 4,518,399, 5-21-85, Cl. 55-16.000.

Cross, Bert S. Method of repairing damaged entrance to a birdhouse. 4,506,629, 3-26-85, Cl. 119-23.000.

Cross, Carroll N. Process of making raised line imprinted display mounts. 4,493,748, 1-15-85, Cl. 156-79.000.

Cross, Carroll N. Display mount apparatus and method. 4,523,399, 6-18-85, Cl. 40-119.000.

Cross Company, The: *See—*

Hubbard, Kenneth G., 4,542,272, Cl. 219-10.570.

Menzel, Klaus R., 4,546,834, Cl. 173-146.000.

Mottershead, Frank R., 4,551,032, Cl. 384-517.000.

Cross, Dan A.: *See—*

Bloch, Joseph T.; and Cross, Dan A., 4,520,966, Cl. 242-54.00R.

Cross, Danny R.: *See—*

Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., 4,512,701, Cl. 414-101.000.

Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., 4,552,499, Cl. 414-125.000.

Cross, David C.: *See—*

Howard, Dean D.; and Cross, David C., 4,504,835, Cl. 343-755.000.

Cross, David E., to Bard Limited. Fluid flow control valve. 4,540,156, 9-10-85, Cl. 251-309.000.

Cross, Gregory L.; and Cross, Wendell C. Underwater thermometer and method of making. 4,506,371, 3-19-85, Cl. 374-136.000.

Cross, Henry D., III: *See—*

Misevich, Kenneth W.; Cross, Henry D., III; Dube, Roland E.; and McGregor, Rob R., 4,542,598, Cl. 36-114.000.

Cross, Henry F.; and Harman, Maurice, to Energy Equipment Company Ltd., The. Fluidized bed shell boilers. 4,561,385, 12-31-85, Cl. 122-4.00D.

Cross, Laurence A., Jr., to Microsize, Inc. Card retainer and control means for information retrieval devices. 4,495,066, 1-22-85, Cl. 209-608.000.

Cross, Leslie E.: *See—*

Lawless, William N.; Cross, Leslie E.; and Steyert, William A., 4,515,534, Cl. 417-322.000.

Cross Manufacturing Company (1938) Limited: *See—*

Flower, Ralph F. J., 4,526,387, Cl. 277-198.000.

Cross, Michael; and Gordon, John T., to Westinghouse Electric Corp. Two wire heater regulator control circuit having continuous temperature sensing excitation independent of the application of heater voltage. 4,554,439, 11-19-85, Cl. 219-497.000.

Cross, Peter E.; and Dickinson, Roger P., to Pfizer Inc. Benzo-fused thromboxane synthetase inhibitors. 4,496,572, 1-29-85, Cl. 514-337.000.

Cross, Peter E.; Dickinson, Roger P.; and Thomas, Geoffrey N., to Pfizer Inc. Heterocyclic thromboxane synthetase inhibitors and pharmaceutical compositions containing them. 4,551,468, 11-5-85, Cl. 514-339.000.

Cross, Peter E.; and Dickinson, Roger P., to Pfizer Inc. N-benzylimidazoles as selective inhibitors of the thromboxane synthetase enzyme. 4,555,516, 11-26-85, Cl. 514-326.000.

Cross, Peter E.: *See—*
- Alker, David; Cross, Peter E.; and Campbell, Simon F., 4,548,935, Cl. 514-230.000.
- Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,515,799, Cl. 514-341.000.
- Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,539,322, Cl. 514-253.000.
- Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,547,502, Cl. 514-253.000.

Cross, Robert C.; Cranko, Ernest; and Dransfield, Michael J. Anchoring cartridges. 4,528,792, 7-16-85, Cl. 52-704.000.

Cross, Ronald H., to Bilan, Inc. Thermoelectric cooling device and gas analyzer. 4,494,380, 1-22-85, Cl. 62-3.000.

Cross, Wendell C.: *See—*
- Cross, Gregory L.; and Cross, Wendell C., 4,506,371, Cl. 374-136.000.

Cross, William E.: *See—*
- Nestor, Charles R.; Plyler, Robert G.; and Cross, William E., 4,521,065, Cl. 339-75.0MP.

Cross, William T.; and Ramshaw, Colin, to Imperial Chemical Industries PLC. Centrifugal heat pump. 4,553,408, 11-19-85, Cl. 62-476.000.

Crossan, J. Robert, to Shell Oil Company. Thermoplastic molding composition. 4,560,727, 12-24-85, Cl. 525-95.000.

Crossin, Patrick: *See—*
- Anderson, James D.; and Crossin, Patrick, 4,542,583, Cl. 29-749.000.

Crossland, William A.; Ross, Peter W.; and Ayliffe, Peter J., to International Standard Electric Corporation. Scanning liquid crystal display cells. 4,511,926, 4-16-85, Cl. 358-236.000.

Crossland, William A.; Coates, David; and Ayliffe, Peter J., to International Standard Electric Corporation. Co-ordinate addressing of smectic display cells. 4,528,562, 7-9-85, Cl. 340-805.000.

Crossley, Anthony: *See—*
- Gould, Grahame; Crossley, Anthony; and Moran, David P. J., 4,520,037, Cl. 426-330.600.

Crossley, David W.; and Van Dore, Peter, to Mantua Metal Products Co., Inc. Model train coupler. 4,512,483, 4-23-85, Cl. 213-75.0TC.

Crossley, Peter W.; and Smith, Robert D., to Thorn EMI Domestic Appliances Limited. Heating apparatus. 4,551,617, 11-5-85, Cl. 219-464.000.

Crossley, Roger, to John Wyeth & Brother Limited. Process for preparing 1-(3-bromo-2-alkylpropanoyl)-l-proline derivatives. 4,506,082, 3-19-85, Cl. 548-533.000.

Crossley, Roger, to John Wyeth & Brother Limited. Preparation of fused carbocyclic ring derivatives of pyridine. 4,539,406, 9-3-85, Cl. 546-14.000.

Crossley, Roger; and Dickinson, Kay H., to John Wyeth & Brother Limited. Piperidinoalkylthio pyridinium compounds. 4,546,187, 10-8-85, Cl. 546-193.000.

Crossley, Roger, to John Wyeth & Brother Limited. 8-benzylidene-5,6,7,8-tetrahydroquinoline derivatives. 4,547,510, 10-15-85, Cl. 514-311.000.

Crossley, Ronald L., to United States Surgical Corporation. Two-part surgical fastener applying apparatus with frangible member. 4,506,670, 3-26-85, Cl. 128-334.00R.

Crossman, James A., to Polysar Limited. Polymer-fibre mixture process. 4,543,377, 9-24-85, Cl. 524-13.000.

Crossman, Richard B. Viewing device. 4,506,950, 3-26-85, Cl. 350-238.000.

Crossman, Richard B. Fish concentrating device. 4,531,477, 7-30-85, Cl. 119-5.000.

Crossman, Richard L., to Goodyear Aerospace Corporation. Electrically actuated aircraft brakes. 4,542,809, 9-24-85, Cl. 188-72.800.

Crossman, Tommy L., to Corning Glass Works. Use of whey-derived products as cheese flavoring agents or enhancers. 4,500,549, 2-19-85, Cl. 426-33.000.

Crossman, William W., Jr.: *See—*
- Ferguson, Robert W.; Andors, Derik K.; and Crossman, William W., Jr., 4,510,918, Cl. 126-79.000.

Crossonneau, Denis, to Compagnie Industrielle de Mecanismes. Composite structure and in particular a slide for a window raiser of an automobile vehicle. 4,549,771, 10-29-85, Cl. 308-3.00R.

Crostack, Horst-Artur. Method and means for imaging sound waves. 4,507,966, 4-2-85, Cl. 73-603.000.

Crostack, Horst-Artur. Method of and apparatus for detecting flaws inside articles, more particularly structural components, by means of acoustic holography. 4,531,410, 7-30-85, Cl. 73-603.000.

Croswhite, Howard L.: *See—*
- Vahratian, Adam; Maynard, Roosevelt, Jr.; Croswhite, Howard L.; and Liang, Po-lung, 4,509,389, Cl. 74-695.000.

Croteau, Michael. Accessory tray for portable computer. 4,560,066, 12-24-85, Cl. 206-501.000.

Croteau, Rene, to Canimport Ltee. Paint filter. 4,559,140, 12-17-85, Cl. 210-497.200.

Croteau, Wildy, to Universal Automat Corp. Automatic animal feeding device. 4,491,086, 1-1-85, Cl. 119-51.110.

Crothers, Carlyle W.: *See—*
- Berger, Jean P.; and Crothers, Carlyle W., 4,515,304, Cl. 228-136.000.

Crothers, Donald M.: *See—*
- Dattagupta, Nanibhushan; and Crothers, Donald M., 4,542,102, Cl. 435-6.000.

Crothers, Steven D.: *See—*
- Lo, Shao-Kuei; and Crothers, Steven D., 4,528,790, Cl. 52-407.000.

Crotty, Charles A.: *See—*
- Borowy, Dennis M.; Crotty, Charles A.; Perrins, Allen R.; and Senak, Peter, Jr., 4,558,275, Cl. 324-103.00P.

Crouch, Donald W.; and Sofianek, Joseph C., to General Electric Company. Guide means for the movable contact rod of a vacuum interrupter. 4,492,837, 1-8-85, Cl. 200-144.00B.

Crouch, E. Donald, Jr.: *See—*
- Stanescu, Mircea S.; and Crouch, E. Donald, Jr., 4,549,911, Cl. 148-16.000.

Crouch, Michael D. Method for controlled reduction in temperature and preservation of embryos in a cryogenic state. 4,537,034, 8-27-85, Cl. 62-62.000.

Crouch, Robert C., to Adria Laboratories, Inc. Valve device to aid in reconstituting injectable powders. 4,543,101, 9-24-85, Cl. 604-411.000.

Crouch, Roger K.: *See—*
- Debnam, William J., Jr.; Fripp, Archibald L.; and Crouch, Roger K., 4,491,427, Cl. 374-208.000.

Crouch, William B.: *See—*
- Jahnke, Frederick C.; Crouch, William B.; and Gulko, George M., 4,502,869, Cl. 48-197.00R.
- Jahnke, Frederick C.; and Crouch, William B., 4,533,363, Cl. 48-197.00R.
- Jahnke, Frederick C.; Crouch, William B.; and Gulko, George M., 4,559,061, Cl. 48-63.000.

Croudace, Michael C., to Union Oil Company of California. Method and fuel composition for control of octane requirement increase. 4,525,174, 6-25-85, Cl. 44-68.000.

Crounse, Nathan N., to Hilton-Davis Chemical Co., The. N-aminoalkylenesulfonamido substituted disazo colorants. 4,536,570, 8-20-85, Cl. 534-819.000.

Crouse, Dennis N.; Reynolds, James C.; and Walsh, Fraser M., to Tracer Technologies, Inc. Electrode with electron transfer catalyst. 4,510,214, 4-9-85, Cl. 429-43.000.

Crouzet: *See—*
- Saroul, Jacques, 4,544,881, Cl. 324-73.0PC.

Crouzet, Pierre: *See—*
- Blaya, Alain; Crouzet, Pierre; Sandis, Stylianos; and Bailly, Jean C., 4,497,904, Cl. 502-104.000.

Crow, Morgan L., to Dresser Industries, Inc. Hydraulic jarring tool. 4,550,789, 11-5-85, Cl. 175-297.000.

Crow, Robert W.: *See—*
- Hilts, Robert L.; and Crow, Robert W., 4,524,833, Cl. 166-381.000.

Crowcroft Engineering Limited: *See—*
- Heward, Peter D.; Jones, Valerie A.; and Jones, John C., 4,515,510, Cl. 414-422.000.

Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., to AMF Incorporated. Molecular separation column and use thereof. 4,512,897, 4-23-85, Cl. 210-656.000.

Crowder, Inc.: *See—*
- Crowder, Jack L., Sr., 4,546,212, Cl. 179-2.00C.

Crowder, Jack L., Sr., to Crowder, Inc. Data/voice adapter for telephone network. 4,546,212, 10-8-85, Cl. 179-2.00C.

Crowder, John G., to EIGD Limited. Infrared absorption gas detector. 4,560,875, 12-24-85, Cl. 250-343.000.

Crowdes, George J., Jr., to Beede Electrical Instrument Co., Inc. Rangeable speedometer/odometer. 4,491,007, 1-1-85, Cl. 73-2.000.

Crowe, Anthony. Method and equipment for processing a plasticizable material. 4,537,737, 8-27-85, Cl. 264-40.400.

Crowe, Byron A. Rope reel display and dispenser assembly for perforated panel boards. 4,541,586, 9-17-85, Cl. 242-129.500.

Crowe, Norman P.: *See—*
- Madewell, James A.; Molitor, Edwin A.; Crowe, Norman P.; Lampe, Guy W.; and Pavey, Charles F., 4,500,245, Cl. 414-108.000.

Crowell Corporation, The: *See—*
- Adelman, Robert W.; and Blevins, Daniel W., 4,505,309, Cl. 141-97.000.
- Adelman, Robert W.; and Blevins, Daniel W., 4,538,659, Cl. 157-1.000.
- Blevins, Daniel W.; and Adelman, Robert W., 4,529,019, Cl. 141-94.000.

Crowell, Douglas H.: *See—*
- Gilbride, Andrew J.; Morse, Albert L.; Crowell, Douglas H.; and Holland, Larry L., 4,502,411, Cl. 118-503.000.
- Morse, Albert L.; Crowell, Douglas H.; and Gilligan, Thomas J., III, 4,520,751, Cl. 118-203.000.

Crowley, Albert T., to RCA Corporation. Frequency synthesizer using an arithmetic frequency synthesizer and plural phase locked loops. 4,516,084, 5-7-85, Cl. 331-2.000.

Crowley, Albert T., to RCA Corporation. Fast tuned phase locked loop frequency control system. 4,528,523, 7-9-85, Cl. 331-10.000.

Crowley, Burlon C.: *See—*
Tetenbaum, Marvin T.; and Crowley, Burlon C., 4,499,233, Cl. 524-591.000.
Crowley, George C., to Sunbeam Corporation. Multiple heat fusing wire circuit for underblankets. 4,547,658, 10-15-85, Cl. 219-539.000.
Crowley, George C.; Carlson, Gordon S.; and Woznicki, Michael, to Sunbeam Corporation. Protective circuit for portable electric appliances. 4,550,358, 10-29-85, Cl. 361-42.000.
Crowley, H. W.: *See—*
Wales, R. Langdon; and Crowley, H. W., 4,531,599, Cl. 177-165.000.
Crowley, Harris L., Jr.; and Coyle, Everett T., Jr., to Union Carbide Corporation. Encapsulated chip capacitor assemblies. 4,561,041, 12-24-85, Cl. 361-433.000.
Crowley, John E., to Houdaille Industries, Inc. Apparatus for applying a force. 4,510,977, 4-16-85, Cl. 140-123.000.
Crowley, Norman: *See—*
Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, 4,498,397, Cl. 104-35.000.
Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, 4,530,729, Cl. 156-217.000.
Crowley, Patrick J.; and Williams, John C., to Imperial Chemical Industries PLC. Pesticidally active azolyl-hydroxy alkanones. 4,547,214, 10-15-85, Cl. 71-76.000.
Crowley, Raymond R.; and Soderberg, John H., to Pitney Bowes Inc. Electronic postage meter having a one time actuable operating program to enable setting of critical accounting registers to predetermined values. 4,525,786, 6-25-85, Cl. 364-466.000.
Crowman, Stanley W. T.; Dornes, Bryan J.; Paukovits, Edward J., Jr.; Spong, Richard V.; and Talarico, Robert J., to AMP Incorporated. Electrical connector clinching means. 4,557,044, 12-10-85, Cl. 29-741.000.
Crown Controls Corporation: *See—*
Luebrecht, Donald; and Klopfleisch, Kim A., 4,499,971, Cl. 187-9.00R.
Luebrecht, Donald; and Thobe, Nicholas D., 4,543,031, Cl. 414-631.000.
Luebrecht, Donald, 4,552,250, Cl. 187-9.00E.
Crown Cork & Seal Company, Inc.: *See—*
Urban, Joseph, 4,499,931, Cl. 141-67.000.
Crown Forest Industries Limited: *See—*
Arena, Joseph W.; Gilson, Karle B.; Malcolm, David T.; and Mellander, John A. R., 4,541,880, Cl. 156-94.000.
Crown Metal Mfg. Company: *See—*
Varon, David; Dorner, Steven C.; and Siegal, Burton L., 4,535,525, Cl. 29-463.000.
Crown Textile Company: *See—*
Kamat, Dattatraya V., 4,495,661, Cl. 2-97.000.
Crown Union, Inc.: *See—*
Snook, Randolph W., 4,519,303, Cl. 98-58.000.
Crown Zellerbach Corporation: *See—*
Holland, Geoffrey J., 4,548,770, Cl. 264-22.000.
Lane, Stanley C., 4,547,349, Cl. 423-164.000.
Reba, Imants; Schutz, Rudolph W.; and Kozbur, Nestor, 4,499,801, Cl. 83-24.000.
Reba, Imants, 4,505,412, Cl. 225-96.000.
Reba, Imants, 4,542,842, Cl. 225-2.000.
Schutz, Rudolph W.; and Weis, Rudolf R., 4,493,159, Cl. 34-43.000.
Steen, Conrad, 4,534,399, Cl. 162-212.000.
Weis, Rudolf R.; and Schutz, Rudolph W., 4,490,962, Cl. 53-550.000.
Weldon, Scott B., 4,551,199, Cl. 162-109.000.
Wolthausen, Edward C., 4,548,081, Cl. 73-584.000.
Zuscik, Edward J., 4,539,259, Cl. 428-332.000.
Crowther, Paul A., to Marconi Company Limited, The. Sonar arrangements. 4,525,816, 6-25-85, Cl. 367-123.000.
Croxford, George A.; and Hackett, Anthony M., to Hotpoint Limited. Method and device for forming a branch connection in a pipe. 4,540,011, 9-10-85, Cl. 137-15.000.
Crozer-Chester Medical Center: *See—*
Lewbart, Marvin L., 4,511,511, Cl. 260-239.55D.
Crozet, Francois E. G.: *See—*
Kervistin, Robert; Lardellier, Alain M. J.; Mazeaud, Georges; and Crozet, Francois E. G., 4,500,143, Cl. 384-467.000.
Crozier, George W.; and McDevitt, Bernard J., to Sperry Corporation. Printer with positional tabbing. 4,519,047, 5-21-85, Cl. 364-900.000.
CRS Group, Inc.: *See—*
Chase, Arthur P., 4,497,590, Cl. 405-152.000.
Crucible Chemical Company: *See—*
Wilson, Robert B., 4,529,405, Cl. 8-583.000.
Crucible Materials Corporation: *See—*
McCollough, William L.; and Wulczynski, Frank J., 4,544,523, Cl. 419-8.000.
Yolton, Charles F.; and Moll, John H., 4,544,404, Cl. 75-0.50C.
Crucible Societe Anonyme: *See—*
Bredenkamp, Gordon L.; and Van Rhyn, Pierre, 4,520,255, Cl. 219-130.100.
Crude Oil Quality Control Corporation of Michigan: *See—*
Bounds, Jerry O., 4,543,083, Cl. 494-4.000.
Crudele, Richard E., to Powered Platforms Mfg. Platform suspending davit mounting apparatus and method. 4,545,558, 10-8-85, Cl. 248-544.000.
Cruickshank, E. J.; and Ekland, Joseph D., to Federal-Mogul Corporation. Abrasive cutting wheel and method of cutting abradable material. 4,516,560, 5-14-85, Cl. 125-15.000.
Cruickshank, Philip A.; DiSanzo, Carmine P.; Kondo, Kiyosi; and Kono, Hiromichi, to FMC Corporation; and Kanagawa Chemical Laboratory, Ltd. Nematicidal use of hydrazinecarboxamides and carbothioamides. 4,514,419, 4-30-85, Cl. 514-521.000.
Cruickshank, Terence D.: *See—*
Couch, Alan T.; Cruickshank, Terence D.; Davey, William L. E.; Marshall, Anthony R.; Tydd, Christopher B.; and Wakeford, David R., 4,556,017, Cl. 122-4.00D.
Cruise, Thomas E. Insulated concrete masonry unit with low density heat bridges. 4,527,373, 7-9-85, Cl. 52-405.000.
Cruise, Thomas W.; and Milbrandt, Thomas N., to Magnetic Controls Company. Terminal block. 4,538,868, 9-3-85, Cl. 339-34.000.
Crum, Glen F., to El Paso Products Company. Refining of tertiary butylstyrene. 4,514,261, 4-30-85, Cl. 203-9.000.
Crum, Michael A., to Leggett & Platt, Incorporated. Footrest mechanism for a reclining chair. 4,506,925, 3-26-85, Cl. 297-69.000.
Crum, Michael A., to Leggett & Platt, Incorporated. Latch for a chair's footrest assembly. 4,515,407, 5-7-85, Cl. 297-429.000.
Crumb, Donald A.; and Zander, Richard A., to Allied Corporation. Master cylinder. 4,503,677, 3-12-85, Cl. 60-562.000.
Crumb, Donald A.: *See—*
Steer, John E.; and Crumb, Donald A., 4,559,781, Cl. 60-562.000.
Crumbacher, Thomas A.: *See—*
Singh, Anand P.; Blosser, Virgil Y.; and Crumbacher, Thomas A., 4,527,946, Cl. 425-42.000.
Crump, Druce K.; Simon, Jaime; and Wilson, David A., to Dow Chemical Company, The. Methylenephosphonic acid derivatives of bis-(aminoalkyl)piperazines as cement set retarding agents. 4,500,356, 2-19-85, Cl. 106-90.000.
Crump, Druce K.; and Wilson, David A., to Dow Chemical Company, The. Methylene phosphonic acid scale inhibitor compositions derived from aminohydrocarbylpiperazine urea adducts. 4,518,777, 5-21-85, Cl. 544-337.000.
Crump, Druce K.: *See—*
Simon, Jaime; Crump, Druce K.; and Wilson, David A., 4,500,469, Cl. 260-502.50E.
Simon, Jaime; Wilson, David A.; Volkert, Wynn A.; and Crump, Druce K., 4,560,548, Cl. 424-1.100.
Wilson, David A.; and Crump, Druce K., 4,540,508, Cl. 252-180.000.
Crump, Herschel W. Sound-muffling system. 4,557,349, 12-10-85, Cl. 181-279.000.
Crumrine, Robert E.: *See—*
Minerd, Timothy M.; and Crumrine, Robert E., 4,540,887, Cl. 250-561.000.
Crupi, Franco A.; Bzowski, Christopher; and Measures, Ernest R. Machine for softening an asphalt road surface. 4,559,922, 12-24-85, Cl. 126-271.20A.
Crus, Richard A.: *See—*
Baker, Jerry W.; Crus, Richard A.; and Haderle, Donald J., 4,498,145, Cl. 364-900.000.
Cruse, Lee H., to Foster Manufacturing Company. Bell-mouth ports for pneumatic couplings using O-rings. 4,494,728, 1-22-85, Cl. 251-149.900.
Cruse, Teddy H.: *See—*
Murphy, Frank W., Jr.; Carlton, Lewis M.; O'Mary, Bob L.; and Cruse, Teddy H., 4,505,288, Cl. 137-59.000.
Crussard, Charles; Maurel, Pierre; and Bonhomme, Jean, to Pechiney Ugine Kuhlmann. Exploitation of copper, nickel and cobalt by treating manganiferous matrix oxidized ores. 4,511,540, 4-16-85, Cl. 423-26.000.
Crutcher, John P., to Sencorp. Flywheel for an electro-mechanical fastener driving tool. 4,519,535, 5-28-85, Cl. 227-131.000.
Crutcher Resources Corporation: *See—*
Goekler, Robert G., 4,500,570, Cl. 427-345.000.
Thompson, Floyd M., 4,495,400, Cl. 219-125.120.
Wheeler, Lionel H.; Goekler, Robert G.; and Luddeke, Daniel G., 4,493,203, Cl. 72-369.000.
Crutcher, W. Larkin, to Reliance Electric Company. Adaptable demodulator for arbitrary amplitude and phase keyed modulation signals. 4,546,322, 10-8-85, Cl. 329-50.000.
Crutchfield, Mark K.: *See—*
Beam, Clark W.; and Crutchfield, Mark K., 4,504,037, Cl. 251-1.00A.
Crutti, John A., Sr.: *See—*
Campo, Juan J.; and Crutti, John A., Sr., 4,561,803, Cl. 405-224.000.
Crutzen, Serge; Franzetti, Gian Aldo; and Battagin, Gian Piero, to European Atomic Energy Community (Euratom). Method of monitoring the identity and integrity of an object particularly a closed container. 4,530,241, 7-23-85, Cl. 73-602.000.
Cruver, Michael B.: *See—*
Madison, David P.; and Cruver, Michael B., 4,516,487, Cl. 99-450.600.
Cruypelinck, Daniel: *See—*
Le Quan, Nhuong; Cruypelinck, Daniel; Commereuc, Dominique; Chauvin, Yves; and Leger, Gerard, 4,532,370, Cl. 585-512.000.
Cruz, Claude A., and Vermeulen, Johannes C., to International Business Machines Corporation. Flip-flop programmer using cascaded logic arrays. 4,525,641, 6-25-85, Cl. 307-465.000.
Cruz, Mamerto M., Jr., to Morca, Inc. Polymeric materials combined with modified hydrated magnesium aluminosilicates. 4,515,633, 5-7-85, Cl. 106-18.260.
Cruz, Mamerto M., Jr., to Morca, Inc. Absorbent cellulosic base structures. 4,543,410, 9-24-85, Cl. 536-84.000.
Cruzen, Gerald S.; Izadi, Said; and Nagy, Peter, to Williams International Corporation. Method of manufacturing a turbine rotor. 4,494,287, 1-22-85, Cl. 29-156.80R.

Cryberg, Richard L.; and Bimber, Russell M., to SDS Biotech Corporation. Preparation of ketones. 4,528,400, 7-9-85, Cl. 568-314.000.
Cryomagnetics, Inc.: *See—*
  Ennis, Robert M., Jr.; Coffey, D. Michael; and McGhee, R. Wayne, 4,544,979, Cl. 361-19.000.
Cryomech Inc.: *See—*
  Gifford, Peter E.; and Swift, Stephen D., 4,490,983, Cl. 62-6.000.
CRYO$_2$ Corporation: *See—*
  Perkins, Warren E., 4,541,276, Cl. 73-296.000.
Crystalate Electronics Limited: *See—*
  Kirby, Peter L., 4,506,250, Cl. 338-5.000.
Crystaloid Electronics Company: *See—*
  Ferrato, Joseph P., 4,516,836, Cl. 350-336.000.
Crystaplex Plastics Ltd.: *See—*
  Rogers, David J., 4,559,751, Cl. 52-665.000.
Csakvary, Tibor; Shum, Lanson Y.; and Miller, Bernard, to Westinghouse Electric Corp. Modular, low cost, pogrammable assembly system. 4,557,663, 12-10-85, Cl. 414-751.000.
Csanda, Ferenc: *See—*
  Szekely, Tamas; Csanda, Ferenc; Nagy, Gabor; and Czerny, Gyozo, 4,492,494, Cl. 405-264.000.
Csanky, Peter H.: *See—*
  Arn, Robert M.; Csanky, Peter H.; and Waszek, Glen F., 4,535,355, Cl. 358-123.000.
Csapo, Erich: *See—*
  Prunbauer, Kurt; and Csapo, Erich, 4,516,416, Cl. 70-276.000.
Csaszar, Gabor; Oehley, Gernot F.; and Goldman, Fred M. Carburetion system. 4,500,475, 2-19-85, Cl. 261-36.00A.
Csaszar, Szilveszter: *See—*
  Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.
CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A: *See—*
  Belforte, Piero; Bondonno, Mario; Bostica, Bruno; and Pilati, Luciano, 4,543,653, Cl. 370-66.000.
CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A.: *See—*
  Alaria, Gian B.; Appiano, Silvano; Destefanis, Paolo; and Poggio, Cesare, 4,555,782, Cl. 370-104.000.
  Belforte, Piero; Bostica, Bruno; Pilati, Luciano; Bovo, Amilcare; and Canato, Luigi, 4,545,051, Cl. 370-66.000.
  Belforte, Piero; Garetti, Enzo; and Pilati, Luciano, 4,550,398, Cl. 370-66.000.
  Bella, Luigi; Brignolo, Roberto; Barberis, Giulio; and Sposini, Maurizio, 4,542,499, Cl. 370-85.000.
  Billi, Roberto; and Copperi, Maurizio, 4,558,187, Cl. 179-170.200.
  Coppa, Gianni; and Grego, Giorgio, 4,553,841, Cl. 356-349.000.
  Gabrielli, Luciano; and Sposini, Maurizio, 4,521,882, Cl. 370-85.000.
  Gabrielli, Luciano; and Sposini, Maurizio, 4,538,263, Cl. 370-86.000.
  Giusto, Pietro P., 4,538,111, Cl. 329-122.000.
  Grego, Giorgio, 4,523,938, Cl. 65-2.000.
  Grego, Giorgio, 4,540,130, Cl. 242-18.00G.
  Melindo, Flavio; and Sartori, Mario, 4,528,425, Cl. 179-18.0HB.
  Modone, Eros, 4,557,914, Cl. 423-303.000.
  Tamburelli, Giovanni, 4,504,958, Cl. 375-12.000.
  Tellone, Mauro, 4,516,166, Cl. 360-72.100.
Csemniczky, Janos; and Jozsa, Istvan, to Ganz-Mavag Mozdony-Vagon-es Gepgyar. Shaft pipe construction for regulating liquid delivery of submersible pumps. 4,492,532, 1-8-85, Cl. 417-360.000.
Csengery, Ladislao C., to Lockheed Electronics Co., Inc. Apparatus for detecting errors in a digital data stream encoded in a double density code. 4,502,142, 2-26-85, Cl. 371-55.000.
Csepel Muvek Egyedi Gepgyara: *See—*
  Oszlar, Imre; Beck, Andras; and Mohacsi, Gabor, 4,506,130, Cl. 219-73.100.
Csepel Muvek Femmuve: *See—*
  Domokos, Sipos, 4,521,455, Cl. 427-178.000.
Csepel Muvek Szerszamgepgyara: *See—*
  Joo, Istvan; Schutz, Lajos; Sarosi, Jozsef; Szabo, Sandor P.; Taal, Janos; and Szebenyi, Otto , 4,543,635, Cl. 364-474.000.
Cser, Gyula, to Autoipari Kutato es Fejleszto Vallalat. Intake gas resonance system for internal combustion engines. 4,513,699, 4-30-85, Cl. 123-52.0MB.
Csiki, Kalman, to Gullfiber AB. Ear plug as well as a method and apparatus for the production thereof. 4,498,469, 2-12-85, Cl. 128-152.000.
CSM Suiker B.V.: *See—*
  van der Poel, Pieter W., 4,518,436, Cl. 127-60.000.
Csokmay, John M.: *See—*
  Blackburn, Bobby J.; and Csokmay, John M., 4,535,411, Cl. 364-508.000.
Csomor, Katalin: *See—*
  Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
Csongor, Eva: *See—*
  Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.
Csovari, Mihaly: *See—*
  Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.
CSP Foods Ltd.: *See—*
  MacDonald, Bruce E.; Galloway, Geoffrey; and Kakuda, Yukio, 4,515,818, Cl. 426-268.000.
Csurgai, Istvan: *See—*
  Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.
CT Harwood Limited: *See—*
  Barcy, Michael F., 4,512,322, Cl. 123-549.000.
CTB, Inc.: *See—*
  Hart, Felix; and Eby, Devon L., 4,527,513, Cl. 119-51.500.
CTBA Associates: *See—*
  McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cullity, Joseph A.; and Stryzak, Bohdan, 4,546,382, Cl. 358-84.000.
CTI International Inc.: *See—*
  Morgan, Paul E., 4,495,857, Cl. 98-6.000.
CTS Corporation: *See—*
  Barber, Michael; and Lloyd, Charles F., 4,509,716, Cl. 251-141.000.
  Bleeke, William F.; and Greve, James E., 4,503,417, Cl. 338-176.000.
  Bleeke, William F., 4,529,933, Cl. 324-173.000.
  Bloom, Terry R.; and Nespor, John F., 4,556,598, Cl. 428-209.000.
  Buss, Gary L., 4,558,513, Cl. 29-622.000.
  Holmes, Curtis L.; Faber, William M., Sr.; Francis, Gaylord L.; and Boykin, Otis F., 4,561,996, Cl. 252-514.000.
  Priebe, Durward H.; Weingart, Norman C.; Zdanys, John, Jr.; and English, Jack A., 4,529,851, Cl. 200-16.00D.
  Seffernick, Lewis L.; and Trobridge, Gary W., 4,543,714, Cl. 29-845.000.
Cuan, Victor; McCaskill, Rex A.; Repass, James T.; and Shipp, Kenneth O., Jr., to International Business Machines Corporation. Footnote assembly management. 4,503,515, 3-5-85, Cl. 364-900.000.
Cubalchini, Joseph, to Maremont Corporation. Gas charging fixture for hydropneumatic shock absorbers and the like 4,556,092, 12-3-85, Cl. 141-98.000.
Cubbage, William R., to Heath Company. Locking hinge for a printed circuit board. 4,501,458, 2-26-85, Cl. 339-17.00L.
Cubic Corporation: *See—*
  Bonebright, Mark E.; and Mehner, Everett C., 4,531,129, Cl. 343-754.000.
  McNaul, William F., 4,556,888, Cl. 343-362.000.
  Sorgi, Aladino D., 4,494,073, Cl. 328-14.000.
Cubic Western Data: *See—*
  McCann, John C., 4,531,171, Cl. 360-130.300.
  Roes, John B.; Kelly, Guy M.; Case, Robert F.; and Deming, Chandler R., 4,535,892, Cl. 209-3.300.
Cubin, Anatoly A.: *See—*
  Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.
Cucchetto, Federico, to Enomec s.r.l. Bottle-holder pincers forming a link in a conveyor chain. 4,530,433, 7-23-85, Cl. 198-695.000.
Cuccio, Anthony. Holder for musical instruments. 4,546,688, 10-15-85, Cl. 84-327.000.
Cuchet, Robert: *See—*
  Chenevas-Paule, Andre; Cuchet, Robert; and Eloy, Jean-Francois, 4,529,617, Cl. 427-53.100.
Cuderm Corporation: *See—*
  Miller, David L., 4,532,937, Cl. 128-759.000.
Cudworth, Richard W.: *See—*
  Akhavi, David S.; Cudworth, Richard W.; and Kniffin, John R., 4,551,949, Cl. 51-164.100.
Cue, Berkeley W., Jr.; and Moore, Bernard S., to Pfizer Inc. Sorbinil by optical resolution of precursor 6-fluoro-4-ureidochroman-4-carboxylic acid. 4,528,387, 7-9-85, Cl. 549-404.000.
Cue, Robert; and Hagemann, Alfred, to Akerlund & Rausing Verpackung GmbH. Apparatus for the transfer of print designs. 4,539,063, 9-3-85, Cl. 156-361.000.
Cuel, Jacques, to Beghin-Say S.A. Method for drying by vapor recompression. 4,523,388, 6-18-85, Cl. 34-35.000.
Cueni, Lee: *See—*
  Bray, Carl R.; and Cueni, Lee, 4,501,538, Cl. 425-9.000.
Cuenoud, Gerard: *See—*
  Moret, Michel-Antoine; Cuenoud, Gerard; and Jousson, Pierre-Jean, 4,561,251, Cl. 60-537.000.
Cuevas, James W. Recoil reducing mechanism for shotguns. 4,503,632, 3-12-85, Cl. 42-1.00V.
Cuff, George W.; and McGinity, James W., to Board of Regents, The University of Texas System. Microencapsulation process. 4,518,547, 5-21-85, Cl. 264-4.700.
Cuff, Richard A.; and Hoffman, Paul R., to Tyler Griffin Company. Playing card coding system and apparatus for dealing coded cards. 4,534,562, 8-13-85, Cl. 273-149.00P.
Cuffiani, Illaro; Longi, Paolo; Zucchini, Umberto; and Pennini, Gianni, to Montedison S.p.A. Catalyst components for the polymerization of ethylene and of mixtures thereof with olefins and catalysts obtained therefrom. 4,517,307, 5-14-85, Cl. 502-119.000.
Cuhel, Leon L., to FMC Corporation. Hydraulic disk brake circuit for crane draw works. 4,534,598, 8-13-85, Cl. 303-10.000.
Cuijpers, Mathias J. M., to SKF Industrial Trading & Development Company B.V. Shaft seal in the shape of an elliptical funnel. 4,544,164, 10-1-85, Cl. 277-25.000.
Cuir, Gerard: *See—*
  Cuir, Jean P.; and Cuir, Gerard, 4,561,355, Cl. 101-378.000.

Cuir, Jean P.; and Cuir, Gerard. Device for fixing a plate on a cylinder. 4,561,355, 12-31-85, Cl. 101-378.000.
Cuisi-Technic S.a.r.l.: *See—*
  Mantelet, Jean, 4,517,454, Cl. 219-455.000.
Cuisia, Dionisio G., to Dearborn Chemical Company. Composition and method for inhibiting scale. 4,556,493, 12-3-85, Cl. 210-699.000.
Cuisinarts, Inc.: *See—*
  Breeden, John W., 4,540,128, Cl. 241-37.500.
  Breeden, John W., 4,544,103, Cl. 241-37.500.
  Williams, James E., 4,512,522, Cl. 241-37.500.
  Williams, James E.; and Kozlowski, Edward R., 4,557,389, Cl. 211-13.000.
Cuisinarts Research & Development, Inc.: *See—*
  Williams, James E., 4,506,836, Cl. 241-37.500.
Cukelj, Mirko. Draw bar for machine tool. 4,512,696, 4-23-85, Cl. 409-233.000.
Cukier, Samuel; and Kremer, Henry A. F. L., to Domtar Inc. Process for modifying coal tar materials. 4,517,072, 5-14-85, Cl. 208-45.000.
Cukor, Peter: *See—*
  Lee, Kang I.; Jensen, William; and Cukor, Peter, 4,548,893, Cl. 430-296.000.
  McDonald, Robert C.; Wang, Wei-Tao; Cukor, Peter; and Rubner, Michael F., 4,540,641, Cl. 429-105.000.
Culbertson, E. C.: *See—*
  Funderburk, F. Gene; Culbertson, E. C.; and Posey, Robert G., 4,493,872, Cl. 428-332.000.
Culbertson, Edwin C.: *See—*
  Posey, Robert G.; and Culbertson, Edwin C., 4,525,419, Cl. 428-336.000.
Culbertson, Samuel W.; and Dixon, George, to Binks Manufacturing Company. Spray guns. 4,537,357, 8-27-85, Cl. 239-290.000.
Culbertson, Townley P.: *See—*
  Mich, Thomas F.; and Culbertson, Townley P., 4,550,103, Cl. 514-210.000.
Culbreth, Thomas F., to Westinghouse Electric Corp. Self-sealing electrode guide. 4,553,014, 11-12-85, Cl. 219-75.000.
Cull, Neville L.: *See—*
  Pine, Lloyd A.; and Cull, Neville L., 4,498,975, Cl. 208-114.000.
Culleiton, Charles J.; LaCamera, Alfred F.; and Robare, Thomas J., to Aluminum Company of America. Process for decomposing chlorinated hydrocarbon compounds. 4,541,907, 9-17-85, Cl. 204-67.000.
Cullen, John F., to Dimensional Merchandising, Inc. Display package. 4,494,650, 1-22-85, Cl. 206-45.340.
Cullen, John S.; Incorvia, Samuel A.; and Vogt, James A., to Multiform Desiccants, Inc. Adsorbent cartridge. 4,505,727, 3-19-85, Cl. 55-387.000.
Cullen, John S.; Incorvia, Samuel A.; and Vogt, James A., to Multiform Desiccants, Inc. Dual compartment powder cartridge. 4,548,322, 10-22-85, Cl. 206-526.000.
Cullen, Robert E.; Kurowski, Henry B.; and Sidwell, William S., to Du Pont de Nemours, E. I., and Company. Yarn texturing jet. 4,547,938, 10-22-85, Cl. 28-254.000.
Cullen, Steven R. Material handling apparatus for loaders. 4,493,605, 1-15-85, Cl. 414-726.000.
Cullen, Steven R., to AG-Bag Corporation. Hydraulic reservoir for silage compression machines. 4,502,378, 3-5-85, Cl. 100-65.000.
Cullen, Walter P.: *See—*
  Celmer, Walter D.; Cullen, Walter P.; Watts, Paul C.; Shibakawa, Riichiro; and Tone, Junsuke, 4,496,546, Cl. 514-29.000.
  Celmer, Walter D.; Cullen, Walter P.; Shibakawa, Riichiro; and Tone, Junsuke, 4,533,553, Cl. 514-460.000.
  Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,543,334, Cl. 435-253.000.
  Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,547,523, Cl. 514-375.000.
  Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,552,843, Cl. 435-76.000.
Culler, Lawrence R.: *See—*
  Roth, David J.; Culler, Lawrence R.; and Heifner, Ralph D., 4,527,779, Cl. 266-227.000.
Culler, Michael D.: *See—*
  Chang, Ding; Arimura, Akira; Culler, Michael D.; and Chang, Jaw-Kang, 4,562,175, Cl. 514-12.000.
Culley, Bobby G.; and Surtani, Kishin, to Texas Instruments Incorporated. Automated liquid crystal display and process. 4,501,471, 2-26-85, Cl. 350-334.000.
Cullick, Alvin S.; and Warner, Bert J., to Mobil Oil Corporation. Method and system for measuring properties of fluids. 4,530,234, 7-23-85, Cl. 73-53.000.
Culliford, Michael D., to N. D. Engineering Limited. Rotary high temperature reactor. 4,541,346, 9-17-85, Cl. 110-246.000.
Culligan International Company: *See—*
  DeVale, Donald P.; and Rak, Stanley F., 4,536,845, Cl. 364-500.000.
  Kreusch, Edward G.; and Brodzik, Bruce F., 4,534,867, Cl. 210-722.000.
  Norton, William W., 4,537,329, Cl. 220-465.000.
Culligan, John C.; Stich, Frederick A.; and Williams, Conrad F., to Siemens-Allis, Inc. Time ratio control circuit for contactor or the like. 4,516,185, 5-7-85, Cl. 361-154.000.
Cullinan, George J.: *See—*
  Ades, Edwin W.; and Cullinan, George J., 4,522,750, Cl. 260-112.00R.
  Fleisch, Jerome H.; Marshall, Winston S.; and Cullinan, George J., 4,492,704, Cl. 424-269.000.
Culling, Michael J.; and Deefholts, Benedict M. M., to Gunson's Sortex Limited. Sorting machine. 4,513,868, 4-30-85, Cl. 209-581.000.
Cullingford, Hatice S.: *See—*
  McMullen, John W.; Wheeler, Michael G.; Cullingford, Hatice S.; and Sherman, Robert H., 4,497,775, Cl. 422-159.000.
Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Integrated circuits. 4,535,220, 8-13-85, Cl. 219-121.0LM.
Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Method for preparing digital storage device by laser application. 4,556,524, 12-3-85, Cl. 264-1.200.
Cullity, Joseph A.: *See—*
  McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh [illegible]ssell J.; Walker, Harold R.; Cullity, Joseph A.; and Stry[illegible], B[illegible]dan, 4,546,382, Cl. 358-84.000.
Cullity, W[illegible] Daniel [illegible]ighting device for firearms and the like. 4,494,327, 1-22-85, [illegible] 42-1[illegible]0S.
Cullor, Gar[illegible]e—
  Cullor, [illegible] S., 4,491,126, Cl. 128-1.00R.
Cullor, James: *See—*
  Cullor, James S., 4,491,126, Cl. 128-1.00R.
Cullor, James S., to Smith, Wilbur D.; Cullor, James; Cullor, James S.; and Cullor, Gary W. Method and apparatus for monitoring body parts of animals. 4,491,126, 1-1-85, Cl. 128-1.00R.
Culmer, Daniel D.: *See—*
  Bittner, Harry J.; Culmer, Daniel D.; and Davis, Walter R., 4,527,128, Cl. 330-9.000.
Culp, Charles H.; and Downar, Denise J., to Honeywell Inc. Add/shed load control according to multiple add/shed sequences. 4,510,398, 4-9-85, Cl. 307-35.000.
Culp, Charles H., to Honeywell Inc. Adaptive optimum start/stop control system. 4,522,336, 6-11-85, Cl. 236-46.00R.
Culp, Dennis S.: *See—*
  Allbright, Charles T.; and Culp, Dennis S., 4,492,724, Cl. 428-40.000.
Culp, Murl F.: *See—*
  Lindgren, Matts J.; and Culp, Murl F., 4,524,930, Cl. 244-152.000.
Culp, Randolph A.: *See—*
  Noakes, John E.; and Culp, Randolph A., 4,507,226, Cl. 252-600.000.
Culpepper, Bertram C., Jr.; and Wilson, Richard C., to Culpepper & Wilson, Inc. Composite siding panel. 4,506,486, 3-26-85, Cl. 52-529.000.
Culpepper, Mark A.: *See—*
  Beaudet, William R.; Culpepper, Mark A.; and Rester, David H., 4,554,558, Cl. 346-75.000.
Culpepper & Wilson, Inc.: *See—*
  Culpepper, Bertram C., Jr.; and Wilson, Richard C., 4,506,486, Cl. 52-529.000.
Culter, Francis M.: *See—*
  Auerswald, David C.; and Culter, Francis M., 4,511,675, Cl. 521-26.000.
Culter, Robert G., to Tektronix, Inc. Scanning method and apparatus. 4,558,372, 12-10-85, Cl. 358-264.000.
Culver, Norman D., to Braintech, Inc. Apparatus and method for topographic display of multichannel data. 4,498,080, 2-5-85, Cl. 340-728.000.
Culver, Richard B.; and Oliver, Donald W., to Dresser Industries, Inc. Method and apparatus for determining neutron characteristics of borehole fluids. 4,500,781, 2-19-85, Cl. 250-269.000.
Cumberton, John; Foster, Alun E.; Rae, Alexander S.; Fernandes, Vernon J.; and Carter, Michael R., to Plessey Overseas Limited. Soft decision convolutional code transmission systems. 4,493,082, 1-8-85, Cl. 371-43.000.
Cuming, Kenneth J. Moisture sensing and control device. 4,513,608, 4-30-85, Cl. 73-73.000.
Cummings, Charles A., to CPG Products Corp. Device for making preselected composite designs. 4,508,509, 4-2-85, Cl. 434-88.000.
Cummings, Charles M. Flexible covering support bracket. 4,496,044, 1-29-85, Cl. 206-45.330.
Cummings, Dennis: *See—*
  Liebig, William J.; and Cummings, Dennis, 4,517,687, Cl. 3-1.400.
Cummings, Donald R., to Dut Pty Limited. Process for the production of synthesis gas from coal. 4,526,903, 7-2-85, Cl. 518-704.000.
Cummings, Jimmie L.: *See—*
  Mason, Walter R.; and Cummings, Jimmie L., 4,499,561, Cl. 366-156.000.
Cummings, John H. Compact fluorescent lamp combination, and method of making it. 4,495,443, 1-22-85, Cl. 315-58.000.
Cummings, Lewis W.: *See—*
  Reichenbach, Dean H.; Stang, John H.; Cummings, Lewis W.; Glasson, Richard E.; and Ruthmansdorfer, David A., 4,520,627, Cl. 60-599.000.
Cummings, Lowell O. Water-insoluble phenol-formaldehyde-polyamines, method for making them, curing of polyepoxides and the resulting product. 4,491,654, 1-1-85, Cl. 525-490.000.
Cummings, Robert, to U.S. Clinical Products, Inc. Method of making a flexible sterile closure system for containers. 4,514,248, 4-30-85, Cl. 156-268.000.
Cummings, Robert, to U.S. Clinical Products, Inc. Flexible sterile closure system for containers. 4,527,703, 7-9-85, Cl. 215-232.000.
Cummings, Robert, to U.S. Clinical Products, Inc. Flexible plastic sterile closure system for containers. 4,550,842, 11-5-85, Cl. 215-232.000.

Cummins-Allison Corporation. *See—*

Rasmussen, James M., 4,543,969, Cl. 133-3.00A

Cummins, Donald L., to AMF Incorporated. Linear peristaltic pump. 4,500,266, 2-19-85, Cl. 417-474.000

Cummins Engine Company, Inc. *See—*

Crofts, John G., Sr., 4,550,692, Cl. 123-41.100

Day, Eric and Van der Stuyf, Allen F., 4,532,893, Cl. 123-41.310

DeVore, James R., and Roettgen, Leslie A., 4,512,300, Cl. 123-196.0AB

Duggal, Vinod K.; Lyford-Pike, Edward J., and Smith, Edward D., 4,555,504, Cl. 123-25.000

Johns, Kent L. and Wohlmuth, Clinton J., 4,529,164, Cl. 251-356.000

Kamel, Mostafa M.; Wells, Larry D., and Buchanan, Jerry C., 4,557,221, Cl. 123-1.00A

Kamo, Roy, 4,495,907, Cl. 123-193.00C

Reichenbach, Dean H.; Stang, John H.; Cummings, Lewis W.; Glasson, Richard E., and Ruthmansdorfer, David A., 4,520,627, Cl. 60-599.000

Ritchey, Stephen and Kruse, Jerry L., 4,559,782, Cl. 60-605.000

Ritchey, Stephen, 4,560,718, Cl. 524-13.000

Roettgen, Leslie A.; Webber, Beth A.; Brooks, Robert M., and Layman, Robert J., 4,520,767, Cl. 123-41.100

Sermersheim, DeWayne T., and Baxter, Jack L., 4,500,303, Cl. 474-112.000

Smith, Edward D., 4,505,244, Cl. 123-447.000

Smith, Edward D., 4,531,672, Cl. 239-89.000

Van der Stuyf, Allen F., 4,559,995, Cl. 165-47.000

Villanyi, Tibor J., 4,520,542, Cl. 29-224.000

Webster, Timothy P.; Bush, Ervin E., and Sweetland, Roger D., 4,552,662, Cl. 210-232.000

Wilcox, John F., 4,494,946, Cl. 474-242.000

Wong, Victor W., 4,512,147, Cl. 60-274.000

Cummins, George E. Speed differential device. 4,520,692, 6-4-85, Cl. 74-799.000

Cummins, James N.; Aldwinckle, Herb S., and Byers, Ross E., to Cornell Research Foundation, Inc. Method of producing vole-resistant apple trees and trees produced thereby. 4,516,353, 5-14-85, Cl. 47-58.000

Cummins, Joseph M., to Texas A&M University. Method of regulating appetite and efficiency of food utilization employing interferon. 4,497,795, 2-5-85, Cl. 424-85.000

Cummins, Michael A., and Powell, Thomas M., to GMFanuc Robotics Corporation. Opener mechanism and system utilizing same. 4,552,506, 11-12-85, Cl. 414-735.000

Cummins, Pamela R. Clothes hanger having shroud to maintain garments in rolled condition. 4,497,423, 2-5-85, Cl. 223-96.000

Cummins, Robert P., to Fargo Electronic Services Inc. Printer with manual paper feed and weigh scale incorporating the same. 4,547,780, 10-15-85, Cl. 346-9.000

Cummins, William T., and Londell, Wallace A., to Teledyne Industries, Inc. Passenger vehicle spare tire construction. 4,546,807, 10-15-85, Cl. 152-41.000

Cumner, Geoffrey M. *See—*

Bishop, Christopher J.; Cumner, Geoffrey M., and Waters, John H., 4,548,527, Cl. 405-294.000

Cumpston, Edward H. Hand-fired, solid fuel stove. 4,515,144, 5-7-85, Cl. 126-58.000

Cundall, Robert L., and Walker, Derek, to Bristol-Myers Company. "3-carbamoyloxy cephalosporins". 4,518,773, 5-21-85, Cl. 544-16.000

Cuneo, Giuseppe, to Black & Decker Inc. Switching device for reversing a portable electric tool. 4,523,115, 6-11-85, Cl. 310-50.000

Cuneo, Giuseppe, to Black & Decker Inc. Drill press with means for temporarily increasing power to the motor. 4,530,624, 7-23-85, Cl. 408-8.000

Cuneo, Giuseppe, to Black & Decker Inc. Electronic clutch for electric tools of selectable speed. 4,503,370, 3-5-85, Cl. 318-331.000

Cunisse, Michel; Granier, Patrick; D'Hollosy, Antoine and De Pinho, Daniel, to Cevex-France, S.a.r.l.; Comat, S.a.r.l., and Microtec S.a.r.l. Automatic dispenser-mixer. 4,531,839, 7-30-85, Cl. 366-110.000

Cunnane, Francis J., III. *See—*

Booth, Ian K., and Cunnane, Francis J., III, 4,537,816, Cl. 428-234.000

Cunningham, Brian C. *See—*

Goodman, Nelson and Cunningham, Brian C., 4,506,010, Cl. 435-32.000

Cunningham, David C. Radio direction finding system. 4,551,727, 11-5-85, Cl. 343-418.000

Cunningham, Donald J. *See—*

Adams, Gary V.; Ahlf, Wilbur J.; Cunningham, Donald J., and Dahle, David P., 4,547,342, Cl. 422-166.000

Cunningham, Donald M., to Emerson Electric Co. Grounding arrangement for metal sheathed heating element having a plastic mounting member. 4,543,469, 9-24-85, Cl. 219-336.000

Cunningham, Douglas J., to Britax (Wingard) Limited. Safety belt buckles. 4,543,693, 10-1-85, Cl. 24-640.000

Cunningham, Douglas J., to Britax (Wingard) Limited. Clamping means for a strap. 4,547,018, 10-15-85, Cl. 297-483.000

Cunningham, Earl A., and Palmer, Dean C., to International Business Machines Corporation. Error recovery procedure using selective erasure. 4,516,165, 5-7-85, Cl. 360-53.000

Cunningham, Eldon R., to General Electric Company. Method of providing a lubrication system. 4,523,118, 6-11-85, Cl. 310-90.000

Cunningham, Frank W., and Weir, David. Reusable sterile covering for a surgical camera. 4,522,196, 6-11-85, Cl. 128-4.000

Cunningham, Franklin E. *See—*

Proctor, Valerie A., and Cunningham, Franklin E., 4,537,786, Cl. 426-614.000

Cunningham, George F., Jr.; Lewis, John W.; McClure, Robert B., and Poindexter, Daniel J., to International Business Machines Corporation. RF coupling techniques. 4,512,841, 4-23-85, Cl. 156-345.000

Cunningham, Gordon L. *See—*

Shone, Edward B.; Wilson, Robert W., and Cunningham, Gordon L., 4,501,124, Cl. 62-129.000

Cunningham, James D. Impact devices. 4,558,747, 12-17-85, Cl. 173-55.000

Cunningham, Jock B., to Mount Isa Mines Limited. Measurement of bulk density of particulate materials. 4,506,541, 3-26-85, Cl. 73-32.00R

Cunningham, Michael T. *See—*

Mason, John J.; Cunningham, Michael T., and Crosby, Jeffrey N., 4,518,467, Cl. 204-37.100

Cunningham, Patrick J. *See—*

Cosby, Theodore E., and Cunningham, Patrick J., 4,521,012, Cl. 272-73.000

Cunningham, Philip J., and Slocomb, Leon F., Jr., to Slocomb Industries, Inc. Window locking arrangement. 4,525,952, 7-2-85, Cl. 49-449.000

Cunningham, Richard D., to InterNorth, Inc. Method for automatically measuring the amount of water in a natural gas pipeline with the aid of a computer controlled gas chromatograph. 4,535,620, 8-20-85, Cl. 73-23.100

Cunningham, Robert A. *See—*

Hall, James R., and Cunningham, Robert A., 4,548,431, Cl. 285-334.000

Cunningham, Robert E., to United States of America, National Aeronautics and Space Administration. Varible force, eddy-current or magnetic damper. 4,517,505, 5-14-85, Cl. 318-611.000

Cunningham, Robert J. *See—*

Jacobi, Cecil T., Jr.; Maupin, Charles G.; Woodsmall, James B.; Brown, William J.; Thomas, Bruce E.; Owens, Walton D.; Cunningham, Robert J., and Smith, Rocky D., 4,501,072, Cl. 34-1.000

Cunningham, Roger D., to Blu-Surf, Inc. Compound reducing oven. 4,548,579, 10-22-85, Cl. 432-72.000

Cunningham, Seamus. *See—*

Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr., and Borg, Sidney, 4,500,428, Cl. 210-609.000

Cunningham, Sinclair. *See—*

Eisenbacher, Egon; Cunningham, Sinclair, and Wusthof, Peter, 4,527,460, Cl. 91-491.000

Cunningham, Thomas J., to RCA Corporation. RF coaxial-strip line connector. 4,556,265, 12-3-85, Cl. 339-17.0LC

Cunningham, William B., Jr. *See—*

Nitchman, Harold L., and Cunningham, William B., Jr., 4,491,247, Cl. 222-131.000

Nitchman, Harold L., and Cunningham, William B., Jr., 4,531,656, Cl. 222-131.000

Cunningham, William D., to Hardee's Food Systems, Inc. Openable package for a consumer product such as child's meal, with a built-in 3-D viewer feature simulating a theater. 4,558,528, 12-17-85, Cl. 40-365.000

Cunningham, William D. *See—*

Capo, James L., and Cunningham, William D., 4,546,352, Cl. 229-17.00G

Cunningham, William J. Trifunctional golfing cage. 4,538,814, 9-3-85, Cl. 273-176.00F

Cuny, Bernard G., to G.A.M.E.S. Device which can brake and/or stop a load secured to it and which falls, notably an anti-fall safety device. 4,533,026, 8-6-85, Cl. 188-184.000

Cuny, Bernard G. *See—*

Ferrier, Marcel and Cuny, Bernard G., 4,531,610, Cl. 182-5.000

Cuny, Francis and Auzary, Louis, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Welding torch with non-consumable electrode and double shielding gas flow and the relevant welding process. 4,527,038, 7-2-85, Cl. 219-75.000

Cuomo, Jerome J.; Harper, James M. E.; Kaufman, Harold R., and Speidell, James L., to International Business Machines Corporation. Programmable ion beam patterning system. 4,523,971, 6-18-85, Cl. 156-345.000

Cuomo, Jerome J.; Harper, James M. E., and Waters, Gary A., to International Business Machines Corporation. Single grid focussed ion beam source. 4,538,067, 8-27-85, Cl. 250-396.00R

Cuomo, Jerome J., and Kaufman, Harold R., to International Business Machines Corporation. Hall ion generator for working surfaces with a low energy high intensity ion beam. 4,541,890, 9-17-85, Cl. 156-345.000

Cuozzo, Anthony, and Achee, John D., to Torrington Company, The. Method of making a roller bearing assembly. 4,523,362, 6-18-85, Cl. 29-148.40A

Cupani, Carmine, to Intelepiex Corporation, The. Transparent secondary information transmission system for an information transmission system. 4,528,422, 7-9-85, Cl. 179-2.00A

Cupani, Carmine. *See—*

Sues, John M., and Cupani, Carmine, 4,491,946, Cl. 179-2.00A

Cupp, Carl J. *See—*

Farrar, Frank W., and Cupp, Carl J., 4,514,322, Cl. 42-50.000

Farrar, Frank W., and Cupp, Carl J., 4,516,346, Cl. 42-50.000

Curatolo, Benedict S.; Sentman, Robert C., and Coffey, Gerald P., to Standard Oil Company, The. Process for the manufacture of polyamides utilizing a mixture of an oxygenated phosphorus compound and a molybdenum compound as catalyst. 4,542,205, 9-17-85, Cl. 528-336.000.

Curatolo, Benedict S.; Sentman, Robert C.; and Coffey, Gerald P., to Standard Oil Company, The. Catalytic process for the manufacture of polyamides from diamines and diamides. 4,543,407, 9-24-85, Cl. 528-336.000.

Curatolo, Benedict S.; and Coffey, Gerald P., to Standard Oil Company, The. Alternating copolyamide prepared on a polymer matrix. 4,556,697, 12-3-85, Cl. 525-434.000.

Curatolo, Benedict S.: *See—*
Coffey, Gerald P.; Curatolo, Benedict S.; and Cepulis, Rimvydas L., 4,520,190, Cl. 528-336.000.
Fox, Joseph R.; Pesa, Frederick A.; and Curatolo, Benedict S., 4,533,775, Cl. 568-905.000.

Curatolo, Joseph A., Jr.: *See—*
Renshaw, Theodore A.; and Curatolo, Joseph A., Jr., 4,523,710, Cl. 228-111.000.
Renshaw, Theodore A.; Curatolo, Joseph A., Jr.; and Sarrantonio, Albert, 4,529,115, Cl. 228-1.100.
Renshaw, Theodore A.; and Curatolo, Joseph A., Jr., 4,545,519, Cl. 228-1.100.

Curchod, Anne: *See—*
Schneiter, Ali; Fluckiger, Jean-Frederic; and Curchod, Anne, 4,504,703, Cl. 179-102.000.

Curci, Alfred. Rotary wing aircraft. 4,525,123, 6-25-85, Cl. 416-115.000.

Curiel, Jesus V., to Vitro Tec Fideicomiso. Pressing machine for the manufacture of glass articles. 4,555,258, 11-26-85, Cl. 65-319.000.

Curiel, Maurice. Process for the recovery of oil from avocado fruit. 4,560,568, 12-24-85, Cl. 426-417.000.

Curiel, Yoram. Building evacuation system and associated method. 4,531,611, 7-30-85, Cl. 182-44.000.

Curinier, Jean; and Pinet, Philippe, to Etablissements les Fils d'Auguste Chomarat & Cie. Rotating creel for a nonwoven fabric machine. 4,510,657, 4-16-85, Cl. 28-100.000.

Curl, Barry J., to De La Rue Systems Limited. Method and apparatus for inspecting sheets for flaws. 4,529,318, 7-16-85, Cl. 356-430.000.

Curl, Barry J., to De La Rue Systems Limited. Apparatus for determining with high resolution the position of edges of a web. 4,559,451, 12-17-85, Cl. 250-560.000.

Curl, Barry J.: *See—*
Hilton, Graham H.; and Curl, Barry J., 4,553,846, Cl. 356-429.000.

Curl, Robert B., to Superior Chain, Inc. Conveyor link. 4,490,970, 1-1-85, Cl. 59-79.100.

Curletto, Giorgio F. Electronic accordion housing and support stand. 4,545,276, 10-8-85, Cl. 84-1.010.

Curley, John E., to PPG Industries, Inc. Method and apparatus for liquefying material with retainer means. 4,492,594, 1-8-85, Cl. 65-134.000.

Curley, John J., Jr. Carrier for portable audio devices. 4,500,019, 2-19-85, Cl. 224-222.000.

Curley, Mark D. Hurlable water rescue aid. 4,498,880, 2-12-85, Cl. 441-81.000.

Curr, Thomas R.; and Schmidt, Ingrid E., to Council for Mineral Technology. Treatment of ferromanganese. 4,540,433, 9-10-85, Cl. 75-10.00R.

Currall, William J. P., to Plessey Overseas Limited. Liquid spray apparatus. 4,515,314, 5-7-85, Cl. 239-466.000.

Currall, William J. P.: *See—*
Coffee, Ronald A.; Bennett, Peter C.; Houghton, Leonard E.; Johnson, Graham C.; Sommerville, John A.; Boyce, Peter H.; and Currall, William J. P., 4,553,702, Cl. 239-690.000.

Curran, Earl J., Jr., to Square D Company. Three phase scaling current-to-voltage convertor. 4,520,304, 5-28-85, Cl. 318-800.000.

Curran, George P.: *See—*
Lovercheck, Dale R.; and Curran, George P., 4,499,864, Cl. 123-3.000.

Curran, John: *See—*
Holland, Frank S.; Womersley, Peter; and Curran, John, 4,510,095, Cl. 260-429.700.

Curran, John F.; and Kershaw, Thomas N., to Scott Paper Company. Papermaking machine. 4,533,437, 8-6-85, Cl. 162-281.000.

Curran, John J. Container divider. 4,516,717, 5-14-85, Cl. 229-15.000.

Curran, Kevin G.; Golson, Steven E.; and Rode, Christian S., to General Computer Corporation. Software protection methods and apparatus. 4,525,599, 6-25-85, Cl. 178-22.080.

Curran, Patrick A., to Texas Instruments Incorporated. Monolithic integration of logic, control and high voltage interface circuitry. 4,546,370, 10-8-85, Cl. 357-43.000.

Curran, Paul F.; and Marshall, Hubert T., II, to Texaco Inc. Method and system for measuring the speed of a ship. 4,524,615, 6-25-85, Cl. 73-181.000.

Curran, Richard F. Combination backpack frame and cot. 4,511,071, 4-16-85, Cl. 224-156.000.

Curran, William F. Massaging device. 4,506,660, 3-26-85, Cl. 128-57.000.

Current, Steven P., to Chevron Research Company. Oxidative carbonylation of alcohols to produce dialkyl oxalates. 4,523,029, 6-11-85, Cl. 560-204.000.

Currie, Bruce L.: *See—*
Krstenansky, John L.; and Currie, Bruce L., 4,535,169, Cl. 548-453.000.

Currie, Corliss H. Seed drill with improved seed disc means. 4,515,224, 5-7-85, Cl. 172-572.000.

Currie, Janie K.; and Mooney, J. Robert, to Standard Oil Company, The. High viscosity index synthetic oils and synthesis thereof. 4,510,342, 4-9-85, Cl. 585-524.000.

Currie, Neil L. Automotive exhaust system. 4,530,418, 7-23-85, Cl. 181-227.000.

Currie, Robert J.: *See—*
Rattlingourd, Glen D.; Currie, Robert J.; and Moss, Stanley D., 4,536,878, Cl. 371-43.000.

Currie, Thomas P.; and Zbinden, Terry B., to Sperry Corporation. Cooling system monitor assembly and method. 4,504,156, 3-12-85, Cl. 374-45.000.

Currie, Thomas P., to Sperry Corporation. Integrated circuit package with integral heating circuit. 4,561,006, 12-24-85, Cl. 357-28.000.

Currier, David W., to Motorola, Inc. Integrated circuit carrier and assembly. 4,539,621, 9-3-85, Cl. 361-386.000.

Currier, Gregory B.: *See—*
Howell, Paul J.; and Currier, Gregory B., 4,498,227, Cl. 29-576.00B.

Currier, Stephen M.; Penhollow, Bert G. H.; Hof, Gordon G.; and Mast, Norbert L., to Colt Industries Operating Corp. Multiple compressor controller and method. 4,502,842, 3-5-85, Cl. 417-8.000.

Curro, Dominic, Jr., to Loroco Industries, Inc. Protector for the core and adjacent edges and face portions of a coil of material. 4,516,892, 5-14-85, Cl. 410-155.000.

Curry, David B.; and Withers, David L. Game apparatus having a playing field with adjustable path-forming elements. 4,529,206, 7-16-85, Cl. 273-261.000.

Curry, Hugh R. Muzzle ejecting sabot cartridge firearm system. 4,497,239, 2-5-85, Cl. 89-198.000.

Curry, John D.; and Edwards, James B., to Procter & Gamble Company, The. Laundry detergent composition with enhanced stain removal. 4,560,492, 12-24-85, Cl. 252-110.000.

Curry, John J. Dispensing cap. 4,513,888, 4-30-85, Cl. 222-153.000.

Curry, John J. Child resistant/tamper resistant cap. 4,548,329, 10-22-85, Cl. 215-216.000.

Curry, Kenneth D.: *See—*
Healy, George M.; Curry, Kenneth D.; Macmorine, Hildegarde M. G.; and Holst, Folke, 4,520,107, Cl. 435-240.000.

Curry, Paul V. L. Heart pacing lead. 4,497,326, 2-5-85, Cl. 128-785.000.

Cursillat, Jackie: *See—*
Beyl, Jean J. A.; Buzon, Philippe; Campilio, Christian; Cursillat, Jackie; le Faou, Daniel; and Peyre, Henri, 4,494,769, Cl. 280-630.000.

Curt G. Joa, Inc.: *See—*
Hirsch, John L.; and Freitag, Ludwig W., 4,492,608, Cl. 156-467.000.
Hirsch, John L.; and VanVoorst, Gene A., 4,508,528, Cl. 493-426.000.
Joa, Curt G.; and Radzins, Edmund, 4,497,448, Cl. 241-186.400.

Curtain, Cyril C.; and Snook, Harvey, to Commonwealth Scientific and Industrial Research Organization; and Betatene Limited. Method for harvesting algae. 4,554,390, 11-19-85, Cl. 568-870.000.

Curti, Ezio. Device for automatically transferring printed circuit base plates from the loading to the printing zone. 4,540,084, 9-10-85, Cl. 198-468.300.

Curti, Paolo. Apparatus for recovery of heat from fumes in a heating system or from the ambient air. 4,523,438, 6-18-85, Cl. 62-238.600.

Curtil, Remi, to Societe d'Etudes de Machines Thermiques SEMT. Method of operating supercharged diesel engine with modified valve lift and bypassed intake air. 4,561,253, 12-31-85, Cl. 60-606.000.

Curtin, Daniel J., to Atlantic Richfield Company. Process for the recovery of a mineral. 4,545,620, 10-8-85, Cl. 299-4.000.

Curtin, Richard R.: *See—*
Long, Charles C.; Lounsbury, David M.; and Curtin, Richard R., 4,532,559, Cl. 360-51.000.

Curtin, Thomas B.: *See—*
Sorrell, Furman Y.; Curtin, Thomas B.; and Feezor, Michael D., 4,543,822, Cl. 73-170.00A.

Curtis, Douglas R. Variable filter circuit. 4,514,704, 4-30-85, Cl. 330-305.000.

Curtis, George F., to Maremont Corporation. Feeding mechanism for a gas operated machine gun. 4,492,145, 1-8-85, Cl. 89-33.200.

Curtis, Hazen, III, to AT&T Bell Laboratories. Solder beams leads. 4,556,276, 12-3-85, Cl. 339-258.00R.

Curtis Hockey Inc.: *See—*
Curtis, Martin D., 4,544,157, Cl. 273-67.00A.

Curtis, Huntington W.; Dodge, Frederick A.; Francis, David B.; and Mizzi, John V., to International Business Machines Corporation. System for plotting a miniature ECG. 4,509,530, 4-9-85, Cl. 128-710.000.

Curtis Industries: *See—*
Buchberger, Harold W., 4,545,640, Cl. 339-272.00R.

Curtis Instruments, Inc.: *See—*
Finger, Eugene P., 4,514,694, Cl. 324-429.000.
Finger, Eugene P., 4,560,937, Cl. 324-433.000.

Curtis, James J., and Bourgo, Edward A. Knit cover for beverage container. 4,514,995, 5-7-85, Cl. 66-170.000.

Curtis, Jeffrey B.: *See—*
Winkler, Dean M.; Curtis, Jeffrey B.; and Heller, Aaron J., 4,521,865, Cl. 364-608.000.

Curtis, Joe E., Jr.: *See—*
Fisher, John L.; and Curtis, Joe E., Jr., 4,494,102, Cl. 336-212.000.

Curtis, John. Personal safety device. 4,515,240, 5-7-85, Cl. 182-6.000.

Curtis, John P.; Crawford, Richard J.; and Yuhasz, Kathleen M., to Colgate-Palmolive Company. Stable antiplaque dentifrice with improved foaming. 4,528,182, 7-9-85, Cl. 424-54.000.

Curtis, John R.; and Renwick, John D., to Sericol Group Limited. Photopolymerizable materials for use in producing screen printing stencils. 4,499,175, 2-12-85, Cl. 430-253.000.

Curtis, John R.; and Renwick, John D., to Sericol Group Limited. Photopolymerizable composition for producing screen printing stencils. 4,499,176, 2-12-85, Cl. 430-253.000.

Curtis, Lee J.: *See—*

Lynham, Thomas F.; and Curtis, Lee J., 4,524,483, Cl. 16-114.00R.

Curtis, Lyn; and Young, William C., to AT&T Bell Laboratories. Optical attenuator. 4,519,671, 5-28-85, Cl. 350-96.150.

Curtis, Martin D., to Curtis Hockey Inc. Goalkeeper's hockey stock with bent shaft. 4,544,157, 10-1-85, Cl. 273-67.00A.

Curtis, Marvin R., Jr., to Miro Industries, Inc. Pipe supporting device. 4,502,653, 3-5-85, Cl. 248-55.000.

Curtis, Paul T.: *See—*

Bishop, Sarah M.; and Curtis, Paul T., 4,536,438, Cl. 428-246.000.

Curtis, Richard D., to Coleman Company, Inc., The. Fuel control system for burners. 4,522,582, 6-11-85, Cl. 431-123.000.

Curtis, Richard D.; and Conley, James R., to Coleman Company, Inc., The. Folding reflector for a lantern. 4,535,390, 8-13-85, Cl. 362-179.000.

Curtis, Thad C., Sr. Water exchanger and method for evaporative cooler. 4,510,766, 4-16-85, Cl. 62-171.000.

Curtis, William M.: *See—*

Vroonland, Evart J.; and Curtis, William M., 4,537,233, Cl. 141-387.000.

Curtiss, William P.: *See—*

Comstock, Robert H.; Curtiss, William P.; and Fulton, Donald E., 4,506,321, Cl. 364-174.000.

Sharp, Gordon P.; Curtiss, William P.; and Yundt, George B., 4,528,898, Cl. 98-115.300.

Curtze, Edward W.; and Herliczek, Siegfried H., to Libbey-Owens-Ford Company. Encapsulated glazing product. 4,543,283, 9-24-85, Cl. 428-38.000.

Curulla, Michael V.; Price, John F.; Matzner, Bruce; Brayman, Kenneth W.; and Qurnell, Frank D., to General Electric Company. Nuclear fuel assembly spacer. 4,544,522, 10-1-85, Cl. 376-441.000.

Curulla, Michael V., to General Electric Company. Nuclear fuel assembly spacer and spring component therefor. 4,556,531, 12-3-85, Cl. 376-441.000.

Curulla, Michael V.: *See—*

Matzner, Bruce; Horn, Victor M.; Curulla, Michael V.; and Price, John F., 4,508,679, Cl. 376-438.000.

Curzio, Frederick H., to Textile Products, Incorporated. Method and apparatus for producing blends of resinous, thermoplastic fiber, and laminated structures produced therefrom. 4,539,249, 9-3-85, Cl. 428-175.000.

Cusack, Robert F., to GTE Valeron Corporation. Touch probe. 4,509,266, 4-9-85, Cl. 33-174.00L.

Cusack, Robert F., to GTE Valeron Corporation. Probe with stylus adjustment. 4,510,693, 4-16-85, Cl. 33-174.00L.

Cusack, Robert F., to GTE Valeron Corporation. Two axis touch probe. 4,542,590, 9-24-85, Cl. 33-169.00R.

Cusack, Robert F., to GTE Valeron Corporation. Probe adjustment tool and method of using same. 4,543,859, 10-1-85, Cl. 81-484.000.

Cusano, Dominic A.; Greskovich, Charles D.; and DiBianca, Frank A., to General Electric Company. Method for sintering high density yttria-gadolinia ceramic scintillators. 4,518,545, 5-21-85, Cl. 264-1.200.

Cusano, Dominic A.: *See—*

DiBianca, Frank A.; Georges, Jean-Pierre J.; Cusano, Dominic A.; and Greskovich, Charles D., 4,525,628, Cl. 250-367.000.

Greskovich, Charles D.; Cusano, Dominic A.; and DiBianca, Frank A., 4,518,546, Cl. 264-1.200.

Cuscino, Richard T.; Lee, Lester H.; Prohl, Melvin A.; Skinner, David R.; and Taylor, Thomas F., to General Electric Company. Heat exchanger. 4,552,292, 11-12-85, Cl. 228-183.000.

Cuscurida, Michael; Waddill, Harold G.; and Peterson, Bruce W., to Texaco Inc. Flexible polyurethane foams made from polyether polyols modified with epoxy resin-diamine adducts. 4,518,720, 5-21-85, Cl. 521-156.000.

Cuscurida, Michael, to Texaco Inc. Polymer polyols from alkylene oxide adducts of alkanolamines. 4,518,778, 5-21-85, Cl. 544-398.000.

Cuscurida, Michael; and Peterson, Bruce W., to Texaco Inc. Epoxy resin modified polyether polyols from mixed initiators. 4,521,572, 6-4-85, Cl. 525-507.000.

Cuscurida, Michael; and Klein, Howard P., to Texaco Inc. Polymer polyols from partially reacted polyamines. 4,523,025, 6-11-85, Cl. 560-26.000.

Cuscurida, Michael; and Speranza, George P., to Texaco Inc. Preparation of polyaddition products of Mannich condensates and polyisocyanates in polyols and their use in polyurethanes. 4,525,488, 6-25-85, Cl. 521-164.000.

Cuscurida, Michael; and Waddill, Harold G., to Texaco Inc. Polyether polyols modified with epoxy resin-diamine adducts. 4,535,133, 8-13-85, Cl. 525-504.000.

Cuscurida, Michael, to Texaco Inc. Polyol purification process. 4,535,189, 8-13-85, Cl. 568-620.000.

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Cuscurida, Michael: *See—*

Dominguez, Richard J. G.; and Cuscurida, Michael, 4,521,581, Cl. 528-57.000.

Speranza, George P.; and Cuscurida, Michael, 4,528,112, Cl. 252-182.000.

Speranza, George P.; Cuscurida, Michael; and Dominguez, Richard J. G., 4,540,768, Cl. 528-79.000.

Cusey, Dar L.; and Kinard, John M., to National Industries, Inc. Replaceable motor operated antenna. 4,542,383, 9-17-85, Cl. 343-903.000.

Cushenbery, Terry E.; and Bryant, Jeffrey A. Nipple grooving device. 4,532,837, 8-6-85, Cl. 82-4.00C.

Cushing, Donald S., to General Electric Company. Multiple spray distribution system for a domestic dishwasher. 4,509,687, 4-9-85, Cl. 239-245.000.

Cushing, Donald S., to General Electric Company. Timer mechanism with improved interval accuracy. 4,525,608, 6-25-85, Cl. 200-38.00R.

Cushing, Nelson N., to Caldwell, Theresa. Soil sampler. 4,549,612, 10-29-85, Cl. 175-20.000.

Cushing, R. J., Jr.: *See—*

Legatti, R. H., Jr.; Woolner, H. R.; and Cushing, R. J., Jr., 4,552,018, Cl. 73-431.000.

Cushman, Barry M.: *See—*

Bleacher, John N.; and Cushman, Barry M., 4,515,867, Cl. 428-204.000.

Deal, Samuel B.; and Cushman, Barry M., 4,514,456, Cl. 428-204.000.

Cushman, Mark E.; and Gilbert, Lawrence A. Bleaching detergent compositions comprising sulfosuccinate bleach promoters. 4,525,292, 6-25-85, Cl. 252-102.000.

Cushman, Robert H.; and Stout, Charles E., Jr., to AT&T Technologies, Inc. Method of and apparatus for handling crystal ingots. 4,523,972, 6-18-85, Cl. 156-617.0SP.

Cushman, Robert H.; and Hoegermeyer, Carl L., to AT&T Technologies, Inc. Vacuum pick and place robotic hand. 4,557,514, 12-10-85, Cl. 294-64.100.

Cushman, Robert L.; Koester, Arlan; and Eveland, Michael, to Halsey Taylor Division of King-Seeley Thermos Co. Barrier-free water cooler. 4,520,960, 6-4-85, Cl. 239-29.000.

Cusick, Joseph B., III, to Tweco Products, Inc. Welding power conductor assembly. 4,544,827, 10-1-85, Cl. 219-137.630.

Cusimano, Sharon I. Stuffed figure having positionable arms. 4,540,378, 9-10-85, Cl. 446-369.000.

Cusmano, James A., to Plastofilm Industries, Inc. Package shaped to hang or stand on end. 4,531,637, 7-30-85, Cl. 206-461.000.

Cussler, Edward L., to University of Minnesota, Regents of the. Method of size-selective extraction from solutions. 4,555,344, 11-26-85, Cl. 210-670.000.

Custance, Robert E.: *See—*

Satchell, Terry L.; and Custance, Robert E., 4,493,493, Cl. 280-661.000.

Custer, Donald J., to Morgan Construction Company. Means for sensing an undesirable approach angle in a level wind coiler. 4,535,955, 8-20-85, Cl. 242-158.00R.

Custer, Donald J.: *See—*

McLaughlin, James L.; Custer, Donald J.; and Donze, Richard J., 4,532,791, Cl. 72-275.000.

Custer, Peter A.; and Bird, George R., to Custer, Peter A. Fluorescent soundtrack readout system. 4,551,827, 11-5-85, Cl. 369-101.000.

Custom Automation Designs, Inc.: *See—*

Hexamer, Donald L.; Spence, Randy D.; and Hesselberg, Johnny, 4,498,047, Cl. 324-158.00F.

Custom Automation, Inc.: *See—*

Palazzolo, Francis V.; and Polachowski, Wayne T., 4,541,518, Cl. 193-35.00A.

Custom Concepts, Incorporated: *See—*

Kubiatowicz, James F., 4,496,329, Cl. 446-167.000.

Custom Creamery Systems, Inc.: *See—*

Hall, James F., Jr., 4,502,377, Cl. 99-492.000.

Custom Engineering and Manufacturing Corp.: *See—*

Glasgow, Clarence; and Alberty, Randall W., 4,542,765, Cl. 137-390.000.

Custom Laboratories, Inc.: *See—*

Theslof, Gene, Jr., 4,521,091, Cl. 353-122.000.

Custom Oilfield Products, Inc.: *See—*

Forester, Buford G.; and Redmon, Billy L., 4,541,608, Cl. 251-77.000.

Custom Packaging Systems, Inc.: *See—*

LaFleur, Arthur E., 4,518,106, Cl. 222-460.000.

Custom Touch Electronics: *See—*

Abrahamson, John C., 4,507,644, Cl. 340-64.000.

Cusumano, Salvatore V., to G & G Sewing Machine Co., Inc. Accessory-holding jig providing multiple sewing positions. 4,524,704, 6-25-85, Cl. 112-105.000.

Cusumano, Salvatore V.; and Glassman, Aaron, to P.S.R., Incorporated. Alignment system for a garment accessory-holding jig. 4,554,877, 11-26-85, Cl. 112-105.000.

Cut Rate Plastic Hangers, Inc.: *See—*

Zuckerman, Jack M.; and Warmath, John, 4,526,306, Cl. 223-88.000.

Cutchaw, John M. Apparatus for cooling high-density integrated circuit packages. 4,531,146, 7-23-85, Cl. 357-82.000.

Cutchens, Charles E.; Mathews, Marion J., III; and Sowell, Mark S., III, to Monsanto Company. Production and separation of amines. 4,491,673, 1-1-85, Cl. 564-492.000.

- Cuthbert, John D.; and Soos, Nicholas A., to AT&T Bell Laboratories. Removal of coating from periphery of a semiconductor wafer. 4,510,176, 4-9-85, Cl. 427-82.000.
- Cuthbert, Victor W.: *See—*
  - Cartier, Roger J.; Cuthbert, Victor W.; and Mason, Anthony, 4,495,960, Cl. 137-122.000.
- Cuthbertson, Robert H.: *See—*
  - Olsen, Ralph A.; and Cuthbertson, Robert H., 4,543,070, Cl. 441-5.000.
- Cutie , Sergio S.: *See—*
  - Knee, William R.; and Cutie , Sergio S., 4,544,768, Cl. 564-206.000.
- Cutkosky, Mark R.; and Kurokawa, Eiki, to Westinghouse Electric Corp. Flexible robot gripper for irregular shapes. 4,545,722, 10-8-85, Cl. 414-730.000.
- Cutler, Cassius C.: *See—*
  - Newton, Steven A.; and Cutler, Cassius C., 4,557,552, Cl. 350-96.150.
- Cutler, David. Antenna formed of series of metallic and non-metallic conductive sections. 4,491,850, 1-1-85, Cl. 343-900.000.
- Cutler, David S.; and Spouse, Keith G., to EMI Limited. Relating to tape transport control systems. 4,540,920, 9-10-85, Cl. 318-7.000.
- Cutler, Donald R., to Chicago Bridge & Iron Company. Liquid piston heat pump. 4,501,122, 2-26-85, Cl. 62-116.000.
- Cutler, Donald R., to Chicago Bridge & Iron Company. Falling film heat exchanger. 4,532,985, 8-6-85, Cl. 165-118.000.
- Cutler, Donald R., to Chicago Bridge & Iron Company. Shell and tube heat exchanger with tube top end wiper to free solids. 4,559,997, 12-24-85, Cl. 165-94.000.
- Cutler, Duncan B.: *See—*
  - Henry, Nelson R.; Cutler, Duncan B.; and Warner, William L., 4,538,692, Cl. 177-1.000.
- Cutler, Earl F., to Cutler Repaving, Inc. Dual-lift repaving machine. 4,534,674, 8-13-85, Cl. 404-75.000.
- Cutler, Orvid R., Jr.: *See—*
  - Ansel, Robert E.; Cutler, Orvid R., Jr.; and Moschovis, Elias P., 4,496,210, Cl. 350-96.300.
  - Bishop, Timothy E.; Stanton, Joseph J.; Pasternack, George; and Cutler, Orvid R., Jr., 4,514,037, Cl. 350-96.230.
  - Zentner, Mark R.; and Cutler, Orvid R., Jr., 4,531,354, Cl. 57-250.000.
  - Zentner, Mark R.; and Cutler, Orvid R., Jr., 4,543,777, Cl. 57-295.000.
- Cutler, Raymond A.: *See—*
  - Jones, Arfon H.; and Cutler, Raymond A., 4,547,468, Cl. 501-33.000.
- Cutler Repaving, Inc.: *See—*
  - Cutler, Earl F., 4,534,674, Cl. 404-75.000.
- Cutler, Scott E.: *See—*
  - Tiemann, Jerome J.; Cutler, Scott E.; and Welles, Kenneth B., II, 4,533,960, Cl. 358-310.000.
- Cutlip, Larry D., to Sol-Chem, Inc. Solar assisted heat pump heating and cooling system. 4,551,987, 11-12-85, Cl. 62-324.500.
- Cutmore, Nicholas G.: *See—*
  - Robinson, Vivian N. E.; and Cutmore, Nicholas G., 4,559,450, Cl. 250-310.000.
- Cutolo, Vincent T.: *See—*
  - Slocum, Chester D., and Cutolo, Vincent T., 4,543,953, Cl. 128-419.0PT.
- Cutter, James W. X-ray film cassette holder. 4,538,293, 8-27-85, Cl. 378-181.000.
- Cutter Laboratories, Inc.: *See—*
  - Tenold, Robert A., 4,499,073, Cl. 424-85.000.
- Cutters Exchange, Inc.: *See—*
  - Seaman, A. Matthew, 4,502,399, Cl. 112-121.270.
- Cuttler, Luis, to FAOSA - Fabrica de Armazones Opticos, S.A. Separable holder for keys and the like. 4,516,418, 5-14-85, Cl. 70-456.00R.
- Cutts, William H.; and Seydel, Scott O. Method for splitting textile warp yarn sheets. 4,513,485, 4-30-85, Cl. 28-181.000.
- CUV "Progress": *See—*
  - Iliev, Maxim D.; Kervanbashiev, Stoyu S.; Karamanski, Stefan D.; and Makedonski, Frederik M., 4,532,431, Cl. 290-4.00R.
- Cuvelier, Leon, to Donaldson Company, Inc. Fluid cleaner device. 4,515,609, 5-7-85, Cl. 55-270.000.
- Cuvilly, Jean-Pierre, to Essilor International (Compagnie Generale d'Optique). Device for examining an object under conditions of lighting on a black background. 4,498,769, 2-12-85, Cl. 356-244.000.
- Cvacho, Daniel S. Methods of necking-in and flanging tubular can bodies. 4,513,595, 4-30-85, Cl. 72-43.000.
- Cvacho, Daniel S. Apparatus for trimming a scrap ring from a cylindrical container body and method of operation. 4,557,167, 12-10-85, Cl. 82-47.000.
- CVD Equipment Corp.: *See—*
  - Rosenbaum, Leonard A., 4,527,715, Cl. 222-61.000.
- Cvengros, Jan: *See—*
  - Tkac, Alexander, and Cvengros, Jan, 4,500,390, Cl. 159-6.100.
  - Tkac, Alexander; and Cvengros, Jan, 4,504,361, Cl. 202-172.000.
- Cvengros, Norbert F.: *See—*
  - Gallatin, Paul M.; Dyken, Henry J.; and Cvengros, Norbert F., 4,516,005, Cl. 200-147.00R.
- CVI Incorporated: *See—*
  - Brown, Richard A.; and Wilson, Richard K., 4,502,714, Cl. 285-47.000.
  - Jensen, Jack E., 4,522,033, Cl. 62-6.000.
  - Jensen, Jack E., 4,524,586, Cl. 62-6.000.
  - Sarcia, Domenico S., 4,520,630, Cl. 62-6.000.
- CX Corporation: *See—*
  - Aldo, Bruce D., 4,543,151, Cl. 156-502.000.
- CX Packaging Inc.: *See—*
  - Hubert, Claudette, 4,554,919, Cl. 128-360.000.
- CXA Ltd.: *See—*
  - Simon, James R.; and Welburn, David J., 4,493,261, Cl. 102-331.000.
- Cyanamid Canada, Inc.: *See—*
  - Hacetoglu, Ararat, and Kodatsky, William K., 4,528,031, Cl. 75-53.000.
- Cybar Corporation: *See—*
  - Sanderford, Dorsey W., 4,546,785, Cl. 137-85.000.
- Cybelec S.A.: *See—*
  - Aubert, Jean-Daniel; and Fornerod, Andre, 4,550,586, Cl. 72-389.000.
- Cybernetic Data Products: *See—*
  - Levin, Michael M., 4,551,720, Cl. 340-825.520.
- Cybersonic Corporation: *See—*
  - Vogelsberg, Walter, 4,519,027, Cl. 364-185.000.
- Cyborex Laboratories, Inc.: *See—*
  - Gurr, George P.; and Matheson, Frederick A., 4,551,812, Cl. 364-492.000.
- Cycles Peugeot: *See—*
  - Fourrey, Francois; and Mauffrey, Jean-Francois, 4,495,833, Cl. 74-493.000.
  - Herbulot, Alain, 4,513,601, Cl. 72-398.000.
- Cyclonaire Corporation: *See—*
  - Jacobson, Wayne M.; and Quaintance, Roger L., 4,552,489, Cl. 406-39.000.
  - Paul, Kermit D.; Addams, Charles F., Jr.; and Wuertele, Frederick S., 4,545,410, Cl. 141-18.000.
- Cyclonic Equipment Co., Inc.: *See—*
  - Belviso, Vincent; and Wicks, William H., 4,541,519, Cl. 194-1.00N
- Cyclops Corporation: *See—*
  - Hadley, John F., 4,530,877, Cl. 428-305.500.
  - Krantz, Robert J., 4,493,859, Cl. 427-193.000.
  - Ryan, Thomas G., 4,527,372, Cl. 52-334.000.
- Cyclotomics, Inc.: *See—*
  - Berlekamp, Elwyn R.; and Tong, Po, 4,559,625, Cl. 371-2.000.
- Cydzik, Edward A.: *See—*
  - Gen, Tamar G.; and Cydzik, Edward A., 4,505,421, Cl. 228-224.000.
- Cygan, Lawrence F.; Olivera, Raul; and Pottle, John F., to Motorola, Inc. Grounding and positioning clip for a power transistor. 4,504,886, 3-12-85, Cl. 361-386.000.
- Cygnet Technologies, Inc.: *See—*
  - Faggin, Federico; Klein, Jerry A.; Yazolino, Lauren F.; Korody, Robert G.; Ha, Eric P. L.; and Kerman, Stephen, 4,524,244, Cl. 179-2.0DP.
- Cyklop International Emil Hoffman KG: *See—*
  - Bullington, Robert E.; and Discavage, James L., 4,536,248, Cl. 156-502.000.
  - Discavage, James L., 4,502,911, Cl. 156-499.000.
- Cymatics, Inc.: *See—*
  - Stanley, William W.; and Mikyska, Glenn E., 4,543,493, Cl. 307-126.000.
- Cymbalisty, Lubomyr M. O.; and Cymerman, George J., to Alberta Energy Company Ltd.; Canadian Occidental Petroleum Ltd.; Esso Resources Canada Limited; Gulf Canada Limited; Canada, Her Majesty the Queen in right of, as represented by the Minister of Energy and Natural Resources; HBOG-Oil Sands Limited; Pan Canadian Petroleum Limited; and Petro-Canada Exploration Inc. Treatment of primary tailings and middlings from the hot water extraction process for recovering bitumen from tar sand. 4,545,892, 10-8-85, Cl. 208-11.0LE.
- Cymbler, Murray J., to Astro-Stream Corporation, The. Aerial recreation device. 4,537,405, 8-27-85, Cl. 273-428.000.
- Cymerman, George J.: *See—*
  - Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.
- Cynamon, Nathan: *See—*
  - Bert, James D.; and Cynamon, Nathan, 4,528,829, Cl. 70-389.000.
- Cynex Manufacturing Corporation: *See—*
  - Green, Dan; and Goldner, Sandor, 4,531,740, Cl. 273-148.00B.
- Cyphelly, Ivan-Jaroslav: *See—*
  - Stich, Bodo; Hassler, Ernst; and Cyphelly, Ivan-Jaroslav, 4,549,862, Cl. 418-133.000.
- Cypher Systems: *See—*
  - Carlin, John A.; Mesch, William G.; Mobeck, William L.; Thompson, Randall D.; Henthorn, Jules B.; and Lopez, Benjamin L., 4,551,719, Cl. 340-825.360.
- Cypress Group Limited, The: *See—*
  - Reid, Gilbert M., 4,546,896, Cl. 220-4.00F.
- Cyr, John P.: *See—*
  - Caprio, A. Ronald; Cyr, John P.; Geaghan, Bernard O.; Kotschenreuther, Paul C.; Schanin, David J.; and Salett, Ronald M., 4,556,953, Cl. 364-900.000.
- Cyr, Philip A.: *See—*
  - Rapp, Gunther; Thomas, Erwin; Muenster, Rolf; Caffall, Brodus E.; Cyr, Philip A.; and Jones, Thomas M., 4,491,567, Cl. 423-387.000.
- Cyran, Michael J.; and Wang, Kuei-Hsiung, to Intermountain Research & Development Corporation. Dry injection flue gas desulfurization process. 4,555,391, 11-26-85, Cl. 423-244.000.

- Cyriax, Wilhelm; Tamboers, Gerhard; and Holzschuh, Johannes, to Battenfeld Maschinenfabriken GmbH. Quick-change mold assembly for injection-molding machines. 4,500,274, 2-19-85, Cl. 425-185.000.
- Cyriax, Wilhelm, to Battenfeld Maschinenfabriken GmbH. Molded-joint assembly. 4,552,384, 11-12-85, Cl. 285-111.000.
- Cyrot, Luc P., to International Telephone and Telegraph Corporation. Valve solenoid windings. 4,536,728, 8-20-85, Cl. 335-182.000.
- Cyrus, Jack D.; Kadlec, Emil G.; and Klimas, Paul C., to United States of America, Energy. Jet spoiler arrangement for wind turbine. 4,504,192, 3-12-85, Cl. 416-41.000.
- Cysewski, Jerome M. Baling apparatus. 4,490,968, 1-1-85, Cl. 56-341.000.
- Czaban, John D., Cormier, Alan D.; and Legg, Kenneth D., to Allied Corporation. Blood analysis. 4,531,088, 7-23-85, Cl. 324-71.100.
- Czajkowski, Albert J.: *See—*
  - Schafer, David E.; and Czajkowski, Albert J., 4,507,143, Cl. 71-87.000.
- Czajkowski, Norman. Golf cart. 4,513,989, 4-30-85, Cl. 280-645.000.
- Czanderna, Alvin W.: *See—*
  - Pitts, John R.; Thomas, Terence M.; and Czanderna, Alvin W., 4,547,432, Cl. 428-448.000.
- Czarnetzky, Edward J.: *See—*
  - Forest, Joseph G.; and Czarnetzky, Edward J., 4,508,737, Cl. 426-54.000.
- Czarnocki, Wlodzimierz S., to Motorola, Inc. Electronic pressure transducer. 4,550,611, 11-5-85, Cl. 73-708.000.
- Czarnojan, Wolfram: *See—*
  - Welker, Thomas; Carl, Klaus; and Czarnojan, Wolfram, 4,559,469, Cl. 313-468.000.
- Czebe, Laszlo: *See—*
  - Takacs, Istvan; Kerey, Gyorgy; Illes, Janos; Rudolf, Peter; Gere, Pal; Czebe, Laszlo; and Neszmelyi, Erzsebet, 4,518,771, Cl. 536-21.000.
  - Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, 4,539,111, Cl. 210-179.000.
- Czech, Franz, to BBC Brown, Boveri & Company, Limited. Disc-type insulator with a cast-in electrode and process for its manufacture. 4,562,303, 12-31-85, Cl. 174-142.000.
- Czech, Joachim. Dispenser for paste-like products with manually actuable piston including insert device. 4,515,298, 5-7-85, Cl. 222-380.000.
- Czech, John F.: *See—*
  - Cornwell, Ross E., Jr.; Czech, John F.; and Domoleczny, James D., 4,533,105, Cl. 248-371.000.
- Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, to Tatabanvai Szenbanyak; and Mecseki Ercbanyaszati Vallalat. Process for reducing the iron. 4,530,819, 7-23-85, Cl. 423-112.000.
- Czeininger, Csaba: *See—*
  - Gyurko, Istvan; Czeininger, Csaba; Mosko, Karoly; and Nagy, Ferenc, 4,544,676, Cl. 521-84.100.
- Czempiel, Ernst-Michael: *See—*
  - Weber, Jens; and Czempiel, Ernst-Michael, 4,560,833, Cl. 179-2.0TV.
- Czerlinski, George H., to Submicron, Inc. Method of and apparatus for selective localized differential hyperthermia of a medium. 4,520,249, 5-28-85, Cl. 219-10.49R.
- Czermak, Ladislaus; Steinhart, Winfried; Binder, Karl-Franz; and Steinhart, Paul, to Binder, Karl-Franz. Industrial robot. 4,543,033, 9-24-85, Cl. 414-732.000.
- Czernicki, Thomas R.: *See—*
  - Litt, Frederic A.; and Czernicki, Thomas R., 4,508,630, Cl. 252-32.500.
- Czerniewski, Paul F.: *See—*
  - Clemmons, Quentin T.; and Czerniewski, Paul F., 4,544,047, Cl. 188-170.000.
- Czerny, Gyozo: *See—*
  - Szekely, Tamas; Csanda, Ferenc; Nagy, Gabor; and Czerny, Gyozo, 4,492,494, Cl. 405-264.000.
- Czerwinski, Richard W.; Gregory, Graham W.; Miller, Richard H.; and Rafalowski, Stanley A., Jr., to Genesco Inc. Thixotropic compositions comprising leather fibers and method for rendering polymeric compositions thixotropic. 4,552,909, 11-12-85, Cl. 524-11.000.
- Czeschka, Franz, to ERNI Elektroapparate GmbH. Solderless electrical connector assembly. 4,550,962, 11-5-85, Cl. 339-17.0LC.
- Czulak, Joseph, to Institut National de la Recherche Agronomique. Process for recovering the whey proteins, the application thereof to cheese-making and the resulting cheeses. 4,518,616, 5-21-85, Cl. 426-40.000.
- D. Agustin Amador Arcas Y Nipor S.A.: *See—*
  - Jodar, Francisco Y.; and Arcas, Agustin A., 4,495,892, Cl. 119-16.000.
- D.A.B. Industries, Inc.: *See—*
  - Lloyd, Kenneth, 4,551,395, Cl. 428-677.000.
- D B Industries, Inc.: *See—*
  - Wolner, J. Thomas, 4,538,702, Cl. 182-3.000.
  - Wolner, James T., 4,539,732, Cl. 24-241.00R.
- D. C. Brennan Firearms, Inc.: *See—*
  - Brennan, Dean C., 4,527,348, Cl. 42-76.00R.
- D.E.A. Digital Electronic Automation S.p.A.: *See—*
  - Minucciani, Giorgio; and Sola, Domenico, 4,534,006, Cl. 364-513.000.
- D. E. Hokanson, Inc.: *See—*
  - Hokanson, D. Eugene; and Arneson, Dennis C., 4,556,067, Cl. 128-663.000.
- D G & Associates, Inc.: *See—*
  - Hero, Richard A., 4,547,990, Cl. 43-15.000.
- D. G. Shelter Products Company: *See—*
  - Coller, John H., 4,512,598, Cl. 292-263.000.
- D. Halmi and Associates Inc.: *See—*
  - Halmi, Dezsoe, 4,516,434, Cl. 73-861.640.
  - Halmi, Dezsoe, 4,528,847, Cl. 73-195.000.
- D&K Custom Machine Design, Inc.: *See—*
  - Singer, Karl, 4,517,042, Cl. 156-164.000.
- D. L. Auld Company, The: *See—*
  - Coscia, Charles M., 4,560,596, Cl. 428-31.000.
  - Rockwood, Clyde R., 4,556,588, Cl. 428-13.000.
- D. M. & E. Corporation: *See—*
  - Durrett, Van D., 4,497,231, Cl. 83-663.000.
- D. M. International Ltd.: *See—*
  - Dupuis, Jean L., 4,501,434, Cl. 280-206.000.
- D&M Investments: *See—*
  - Darr, Harry W., 4,535,754, Cl. 126-419.000.
- D P Sales, Inc.: *See—*
  - Pilzer, Daniel C., 4,542,827, Cl. 206-483.000.
- D & S Plug Corporation: *See—*
  - DiFazio, Robert, 4,520,887, Cl. 180-68.500.
- D.V.T. Buro fur Anwendung Deutscher Verfahrenstechnik H. Morsy: *See—*
  - el Din Nasser, Gamal, 4,511,436, Cl. 202-174.000.
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- D & W Industries, Inc.: *See—*
  - Leuning, Wilfred D., 4,504,014, Cl. 239-433.000.
- D. W. Nicholson Corporation: *See—*
  - Kaufmann, Erich, 4,492,416, Cl. 384-474.000.
- D. W. Zimmerman Mfg., Inc.: *See—*
  - Fox, Albert D.; Kish, Robert J.; and Knight, Donn C., 4,500,074, Cl. 254-270.000.
- D. Wickham and Company Limited: *See—*
  - Barker, Michael D., 4,556,364, Cl. 415-170.00A.
  - Martin, Derek J.; and Barker, Michael D., 4,531,617, Cl. 187-89.000.
- Daane, Robert A.: *See—*
  - Wittkopf, Eugene W.; Jorgensen, Allen R.; and Daane, Robert A., 4,519,757, Cl. 425-143.000.
- Daar, Horst; and Alig, Franz, to Siemens Aktiengesellschaft; and Metallgesellschaft Aktiengesellschaft. Method for determining the existence of an optimal interval for rapping the electrodes of an electrostatic precipitator. 4,521,223, 6-4-85, Cl. 55-13.000.
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- Daar, Yair; and Yahav, Shimon. Apparatus for hair removal. 4,524,772, 6-25-85, Cl. 128-355.000.
- Daberkow, Donald L. Pipe loader. 4,541,767, 9-17-85, Cl. 414-523.000.
- Dabi, Shmuel, to Personal Products Company. Quaternized cellular polymers from amine terminated poly(aminoethers) and polyfunctional epoxides. 4,508,854, 4-2-85, Cl. 521-178.000.
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- Dabich, Robert M. Double hinge counter-weight cover assembly. 4,535,908, 8-20-85, Cl. 220-18.000.
- Dabonde, James T. Cartridge decapping tool. 4,537,112, 8-27-85, Cl. 86-37.000.
- Dabringhaus, Gustav H., to Gustav Dabringhaus Revocable Trust. Linear recirculating roller bearing assembly. 4,561,703, 12-31-85, Cl. 308-6.00C.
- Dabroski, Winifred C., to Permacel. Release coating composition. 4,513,059, 4-23-85, Cl. 428-355.000.
- Dabrowa, Andrzej: *See—*
  - Brzosko, Witold; Janicki, Piotr; Laskowski, Zbigniew; Madalinski, Kazimierz; and Dabrowa, Andrzej, 4,558,011, Cl. 435-272.000.
- Dabrowski, Roman; Dziaduszek, Jerzy; Szczucinski, Tomasz; Stolarz, Zofia; Zielinski, Jerzy; and Kenig, Krystyna, to Wojskowa Akademia Techniczna Im. Liquid crystalline cyclohexylbenzene derivatives their preparation and the liquid compositions containing same. 4,528,116, 7-9-85, Cl. 252-299.630.
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  - Osteen, John F., 4,503,657, Cl. 53-48.000.
  - Osteen, John F., 4,505,089, Cl. 53-48.000.
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- Dacier, Jacques, to Ateliers de Constructions Electriques de Charleroi. Double gap electric generating machines. 4,517,484, 5-14-85, Cl. 310-266.000.
- Dackow, Paul N., to RCA Corporation. Auto ranging counter. 4,546,487, 10-8-85, Cl. 377-51.000.
- Dacomed Corporation: *See—*
  - Timm, Gerald W., 4,515,166, Cl. 128-694.000.
  - Timm, Gerald W.; Sandford, Donald L.; and Claude, Timothy J., 4,517,967, Cl. 128-79.000.
  - Timm, Gerald W.; Sandford, Donald L.; Claude, Timothy J.; and Helms, Richard A., 4,522,198, Cl. 128-79.000.

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  Broughton, Roger; and da Costa, Bernardo, 4,550,736, Cl. 128-731.000.
Dada, Abdul G.: *See—*
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Daddona, Anthony D.: *See—*
  Wuthrich, Paul; Daigle, Lyman R.; and Daddona, Anthony D., 4,536,095, Cl. 368-321.000.
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  Zuber, Pierre A.; and Dadpey, Habib, 4,558,415, Cl. 364-426.000.
Daemer, Richard J.; Feinstone, Stephen M.; Gust, Ian D.; and Purcell, Robert H., to United States of America, Health and Human Services. Isolation of hepatitis A virus strain HM-175. 4,532,215, 7-30-85, Cl. 435-237.000.
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Daewoo Electronic Co.: *See—*
  Lee, Kyung-Suk, 4,500,752, Cl. 179-2.0EA.
Daewoo Heavy Industries Ltd.: *See—*
  Park, Kwang S., 4,517,908, Cl. 112-129.000.
Daftary, Shashikumar H.: *See—*
  Streetman, William E.; and Daftary, Shashikumar H., 4,524,105, Cl. 428-364.000.
Daga, Andrew. System for forming structural concrete. 4,542,612, 9-24-85, Cl. 52-337.000.
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Dage, Richard C.; and Schnettler, Richard A., to Merrell Dow Pharmaceuticals Inc. Aroylimidazolones. 4,552,880, 11-12-85, Cl. 514-277.000.
Dage, Richard C.: *See—*
  Grisar, J. Martin; Schnettler, Richard A.; and Dage, Richard C., 4,526,981, Cl. 548-321.000.
  Schnettler, Richard A.; Dage, Richard C.; and Grisar, J. Martin, 4,560,700, Cl. 514-423.000.
Dagenais, Dominique M., to Avco Everett Research Laboratory, Inc. Method and apparatus for optical beam shaping. 4,518,232, 5-21-85, Cl. 350-620.000.
Dagenhart, William K., to United States of America, Energy. Ion source with improved primary arc collimation. 4,531,077, 7-23-85, Cl. 315-111.810.
Daggett, Charles W., to Littelfuse, Inc. Fuse holder. 4,508,412, 4-2-85, Cl. 339-126.00R.
Daghe, Joseph L.; and Sands, Robert E., to Mueller Co. Relief valve assembly for use with backflow preventers. 4,506,694, 3-26-85, Cl. 137-218.000.
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  Harrington, Richard F.; Dagiel, Richard T.; and Brown, Villy, 4,555,007, Cl. 192-98.000.
Dagma Deutsche Automaten und Getrankemaschinen GmbH & Co. KG: *See—*
  Kuckens, Alexander; and Kohl, Horst, 4,518,105, Cl. 222-207.000.
  Kuckens, Alexander; and Kohl, Horst, 4,552,286, Cl. 222-145.000.
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Dagna, Gian D.: *See—*
  Brescia, Riccardo; Buat, Mario; Dagna, Gian D.; and Scardovi, Alessandro, 4,502,054, Cl. 346-75.000.
  Knirsch, Franco; Gianolini, Giovanni; Dagna, Gian D.; and Buat, Mario, 4,536,776, Cl. 346-140.00R.
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Dagostino, Thomas P.; and Trudel, John D., to Tektronix, Inc. Waveform storage and display system. 4,510,571, 4-9-85, Cl. 364-487.000.
Dagostino, Thomas P.: *See—*
  Jones, Roydn; Dagostino, Thomas P.; and Navarro, Luis J., 4,562,363, Cl. 307-351.000.
D'Agostino, Vincent F.; Lee, Joseph Y.; Zapisek, Stephen; and Schore, George. Copper recovery process. 4,500,396, 2-19-85, Cl. 204-107.000.
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D'Agostino, William P., Jr.: *See—*
  Aufiero, James M.; D'Agostino, William P., Jr.; and Moore, John P., 4,532,546, Cl. 358-111.000.
Dahan, Gilbert M. I.: *See—*
  Boy-Marcotte, Jean-Louis M. R.; Dahan, Gilbert M. I.; Dancette, Michel; Le Nabour, Marcel P.; Pellerin, Jean-Francois G. A.; Rivallin, Jose; and Jannot, Marcel A. J., 4,511,805, Cl. 290-2.000.
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Dahill, Robert T.; Purzycki, Kenneth L.; and Golle, Erlinda F., to Givaudan Corporation. Spirolactones as odorants. 4,519,944, 5-28-85, Cl. 252-522.00R.
Dahl, Hans; Holik, Herbert; Kurtz, Rudiger; and Stotz, Wolf-Gunter, to Sulzer-Escher Wyss GmbH. Wet press for dewatering a web of material. 4,556,454, 12-3-85, Cl. 162-358.000.
Dahl, Karl. Device for handling packs of elongated articles, especially lumber packs. 4,541,766, 9-17-85, Cl. 414-277.000.
Dahl, Richard E.; Faflak, Daniel P.; and Sendelbach, Lee A., to International Business Machines Corporation. Legibility enhancement for alphanumeric displays. 4,555,701, 11-26-85, Cl. 340-736.000.
Dahl, Roger W.; and Mayer, David W., to Cardiac Pacemakers, Inc. Catheter assembly. 4,559,951, 12-24-85, Cl. 128-642.000.
Dahlberg, Bengt A. G.: *See—*
  Brorsson, Fritz L.; Dahlberg, Bengt A. G.; and Holmberg, Bengt M., 4,536,201, Cl. 55-189.000.
Dahlberg, Reinhard. Thermoelectrical arrangement. 4,492,809, 1-8-85, Cl. 136-212.000.
Dahle, David P.: *See—*
  Adams, Gary V.; Ahlf, Wilbur J.; Cunningham, Donald J.; and Dahle, David P., 4,547,342, Cl. 422-166.000.
Dahle, Gerald, to Wilhelm Dahle Buro- und Zeichengeratefabrik. Paper cutter. 4,516,452, 5-14-85, Cl. 83-455.000.
Dahlgren, Harold P. Planetary synchronizing device. 4,515,079, 5-7-85, Cl. 101-183.000.
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Dahlgren, Harold P.; Taylor, James E.; Peters, Dwight W.; and Selby, Donald R., to Dahlgren Manufacturing Company. Variable angle extruder blade surfacing machine. 4,532,735, 8-6-85, Cl. 51-56.00R.
Dahlgren, Harold P.; Gardiner, John W.; and Taylor, James E. Coating method. 4,533,563, 8-6-85, Cl. 427-387.000.
Dahlgren, Harold P. Ink metering apparatus. 4,538,518, 9-3-85, Cl. 101-350.000.
Dahlgren, Lars. Strung racket and tension adjusting device therefor. 4,512,576, 4-23-85, Cl. 273-73.00R.
Dahlgren, Lennart G. O., to Victor Hasselblad Aktiebolag. Focusing hood for cameras. 4,515,454, 5-7-85, Cl. 354-287.000.
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Dahlgren, Robert W.; and Dennis, William H., to Phillips Petroleum Company. Gas chromatography. 4,553,985, 11-19-85, Cl. 55-67.000.
Dahlgren, William V., Jr.; and Claire, Edward W. Mechanical tool manipulating method and apparatus. 4,561,814, 12-31-85, Cl. 409-80.000.
Dahlin, Ebbe T. Tool for use when fitting window frames, door frames and like structures. 4,503,897, 3-12-85, Cl. 145-1.00R.
Dahlin, Robert S.: *See—*
  Altman, Ralph F.; Gooch, John P.; Dismukes, Edward B.; Bickelhaupt, Roy E.; and Dahlin, Robert S., 4,533,364, Cl. 55-5.000.
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  Bobjer, Olle; Dahlin, Torsten; and Grieves, John, 4,515,070, Cl. 98-42.070.
Dahlke, Douglas F., to Marq Packaging Systems, Inc. Programmable tray forming machine. 4,516,210, 5-7-85, Cl. 364-471.000.
Dahlke, William R. Bakery proofer appliances. 4,560,139, 12-24-85, Cl. 249-112.000.
Dahm, Joseph J.: *See—*
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Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., to Bayer Aktiengesellschaft. Production of microcapsules having walls of polyaddition products of water-insoluble polyamines with water-soluble polyisocyanate adducts. 4,517,141, 5-14-85, Cl. 264-4.700.
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  Oblander, Kurt; and Dahm, Wolfram, 4,528,950, Cl. 123-193.00C.
Dahme, Jerome R., to Decision Data Computer Corp. Method and apparatus for storage and accessing of characters, and electronic printer employing same. 4,555,763, 11-26-85, Cl. 364-521.000.
Dahmen, Jan E.; Magnusson, Hans G.; and Martensson, Kaj B., to Svenska Sockerfabriks AB. Compounds for therapeutic or diagnostic use, a process and intermediates for their preparation. 4,521,592, 6-4-85, Cl. 536-4.100.
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  Goossens, Bernhard; Kuster, Erich; Dahmen, Kurt; and Barthell, Eduard, 4,528,350, Cl. 526-307.000.
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Dahneke, Barton E.; and Marchant, Alan B., to Eastman Kodak Company. Sealed optical disk unit, apparatus and method for debris-suppressed recording. 4,519,061, 5-21-85, Cl. 369-109.000.
Dahnert, Dean L., to Spacesaver Corporation. Mobile storage systems with leash control. 4,557,534, 12-10-85, Cl. 312-201.000.
Dahod, Ashraf M. Digital communication system. 4,500,989, 2-19-85, Cl. 370-85.000.
Dahowski, Donald E., to Quaker Plastic Corporation. Concrete expansion joint. 4,548,009, 10-22-85, Cl. 52-396.000.
DAI-E Systems, Inc.: *See—*
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Dai-Ichi Kogyo Seiyaku Co., Ltd.: *See—*
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Fujita, Takeshi; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, 4,528,360, Cl. 528-297.000.
Hori, Yuji; Nishimura, Yoshichika; and Takahashi, Fuminobu, 4,519,923, Cl. 252-8.50C.
Maki, Hirohisa; Sano, Takashi; and Yamamoto, Misao, 4,555,536, Cl. 524-66.000.
Taniuchi, Akira; Nishibori, Setsuo; Komori, Hirohito; and Hayashi, Motoshige, 4,530,880, Cl. 428-402.000.
Dai-Ichi Seiko Co., Ltd.: *See—*
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Dai Nippon Insatsu Kabushiki Kaisha: *See—*
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Hikosaka, Shinichi; Murayama, Kosho; Fukuura, Shinichi; and Yanase, Takaomi, 4,519,906, Cl. 210-223.000.
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Kuroda, Koji; and Takeda, Hideichiro, 4,505,983, Cl. 428-423.100.
Kutsukake, Masaki; Yamauchi, Mineo; and Akada, Masanori, 4,559,273, Cl. 428-484.000.
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Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi; Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro, 4,556,619, Cl. 430-17.000.
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Hokamura, Sadakazu; Shinohara, Toshio; Nomura, Ryoichi; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,505,954, Cl. 427-380.000.
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Hokamura, Sadakazu; Yamada, Seiji; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,514,445, Cl. 427-410.000.
Dai, Shenghong A.; Grossman, Steven J.; and Onder, Kemal, to Dow Chemical Company, The. Polyamide block copolymer from lactam and azetidine-2,4-dione. 4,550,157, 10-29-85, Cl. 528-322.000.
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Asami, Masahiro; Okitsu, Kiyoshi; Okumura, Yoshiaki; Namikoshi, Hajime; Mikumo, Masatoshi; and Watanabe, Shoji, 4,529,788, Cl. 527-300.000.
Fukuda, Yutaka; and Sasaki, Kenichi, 4,539,394, Cl. 528-354.000.
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Ishii, Kiyoshi; Murai, Masataka; and Yonekawa, Hitoshi, 4,500,426, Cl. 210-321.300.
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Kanno, Tatsuya; and Toga, Yuzo, 4,522,913, Cl. 430-285.000.
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Nakanishi, Michio; and Nakashima, Naoki, 4,511,687, Cl. 524-270.000.
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Ohtake, Etsuo; and Yamazaki, Kazuhiro, 4,551,389, Cl. 428-402.000.
Okabayashi, Norio, 4,539,079, Cl. 204-5.000.
Okitsu, Kiyoshi; and Go, Hiroyouki, 4,536,563, Cl. 528-279.000.
Omiya, Takeo, 4,504,656, Cl. 536-66.000.
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Otake, Etsuo; Kimura, Mamoru; Yokota, Hiromu; and Kanematu, Tetuo, 4,521,251, Cl. 106-183.000.
Taguchi, Atsushi; and Ohmiya, Takeo, 4,525,585, Cl. 536-98.000.
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Yano, Takashi; and Asami, Masahiro, 4,555,468, Cl. 430-160.000.
Yuki, Heimei; and Okamoto, Yoshio, 4,511,475, Cl. 210-635.000.
Yuki, Heimei; and Okamoto, Yoshio, 4,554,323, Cl. 525-272.000.
Yuki, Heimei; and Okamoto, Yoshio, 4,554,334, Cl. 526-177.000.
Yuki, Heimei; and Okamoto, Yoshio, 4,555,574, Cl. 546-342.000.
Daichiku Co., Ltd.: *See—*
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Daido Kogyo, Co., Ltd.: *See—*
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Mori, Sanae, 4,501,154, Cl. 73-827.000.
Daido Sanso K. K.: *See—*
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Daido Steel Company Limited: *See—*
Matsuoka, Shigeki; and Naitoh, Yoshihiro, 4,534,801, Cl. 134-15.000.
Daido Tokushuko Kabushiki Kaisha: *See—*
Inaba, Hideaki; and Sakakibara, Shuzi, 4,517,015, Cl. 75-12.000.
Inagaki, Etsuo, 4,514,218, Cl. 75-12.000.
Sugiura, Sabro; Fujita, Senji; Kanada, Kenji; Demukai, Noboru; and Okamoto, Tetuo, 4,531,971, Cl. 75-13.000.
Yamada, Shunsuke; Kawate, Kenji; Ono, Takashi; Arakawa, Hideo; and Suda, Tsuyoshi, 4,496,312, Cl. 432-11.000.
Daidone, Philip. Dental casting resin from acrylic monomer, acrylic resin, and vinyl chloride resin. 4,529,777, 7-16-85, Cl. 525-193.000.
Daidotokushuko Kabushikikaisha: *See—*
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Daigle, Lyman R.: *See—*
Wuthrich, Paul; Daigle, Lyman R.; and Daddona, Anthony D., 4,536,095, Cl. 368-321.000.
Daigle, Martha A.: *See—*
Calamai, Edward G.; and Daigle, Martha A., 4,508,643, Cl. 260-112.00B.
Daigle, Ronald H., to Rosenberg, Wilbert, a part interest. Convertible headband construction. 4,520,510, 6-4-85, Cl. 2-452.000.
Daigle, Verlon C.; and Smith, Wayne R., to McDermott International, Inc. Alignment of tubular piles for joinder. 4,547,096, 10-15-85, Cl. 405-251.000.
Daigneault, Steven M.: *See—*
Aldrich, Ralph E.; and Daigneault, Steven M., 4,555,162, Cl. 350-162.170.
Daiguji, Hisashi; and Tanaka, Ikuo, to Harumoto Iron Works Co., Ltd.; and Sumitomo Electric Industries, Ltd. Anchor socket. 4,557,007, 12-10-85, Cl. 14-22.000.
Daihatsu Motor Co., Ltd.: *See—*
Kawakatsu, Shiro; and Kawasaki, Toshikazu, 4,495,484, Cl. 340-52.00D.
Nakahara, Mitsuharu; Ishida, Tomio; Honjo, Norifumi; and Yoshida, Yoshitaka, 4,516,537, Cl. 123-48.0AA.
Yoshida, Ryo, 4,510,747, Cl. 60-343.000.
Daiichi Dentsu, K.K.: *See—*
Doniwa, Tabito, 4,554,980, Cl. 173-12.000.
Daiichi Dentsu Kabushiki Kaisha: *See—*
Doniwa, Tabito, 4,510,424, Cl. 318-432.000.
Daiichi Engineering Co., Ltd.: *See—*
Iwata, Noboru, 4,492,538, Cl. 417-477.000.
Daiichi-Geyer Kabushiki Kaisha: *See—*
Kubota, Kazuho; and Todoroki, Masao, 4,541,605, Cl. 249-142.000.
Daiichi Kigenso Kagaku Kogyo Co., Ltd.: *See—*
Ito, Kathuhiko; Sugii, Hiroshi; Takata, Yukito; and Kokubu, Kyoichiro, 4,526,765, Cl. 423-306.000.
Daiichi Seito Kabushiki Kaisha: *See—*
Nakasone, Seiken; Miyagi, Sadao; Aragaki, Takehiko; and Higa, Yasusi, 4,492,601, Cl. 127-48.000.
Daiichi Seiyaku Co., Ltd.: *See—*
Hayakawa, Isao, 4,535,161, Cl. 546-94.000.
Hayakawa, Isao; and Tanaka, Yoshiaki, 4,539,401, Cl. 544-101.000.

Daikan Kogyo Co., Ltd.: *See—*
  Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, 4,559,179, Cl. 260-456.00F.
Daikin Industries, Ltd.: *See—*
  Fujimoto, Yuji; Aono, Masayuki; Nakano, Tetuo; and Nakabayashi, Teiji, 4,542,783, Cl. 165-30.000.
  Ishikawa, Nobuo; and Takaoka, Akio, 4,552,694, Cl. 260-239.0BD.
  Ishikawa, Nobuo; and Kitazume, Tomoya, 4,558,148, Cl. 556-488.000.
Daikin Kogyo Co., Ltd.: *See—*
  Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, 4,530,773, Cl. 252-67.000.
  Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, 4,557,851, Cl. 252-70.000.
  Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.
  Furutaka, Yasuhisa; and Ishii, Sadamu, 4,493,800, Cl. 260-465.00D.
  Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, 4,511,733, Cl. 560-253.000.
  Hisamoto, Iwao; Omure, Yukio; and Ishikawa, Sueyoshi, 4,517,108, Cl. 252-162.000.
  Ishikawa, Nobuo; and Kitazume, Tomoya, 4,532,020, Cl. 204-158.0HA.
  Ishikawa, Nobuo; and Takaoka, Akio, 4,540,524, Cl. 260-465.400.
  Ishikawa, Nobuo, 4,542,238, Cl. 562-586.000.
  Iwatsuki, Shouji, 4,547,558, Cl. 526-245.000.
  Iwatsuki, Shouji, 4,558,152, Cl. 560-219.000.
  Maetani, Teruo; Miyoshi, Ryoichi; Nawara, Yukinori; Kawazoe, Yasuyuki; and Hamada, Taizo, 4,504,228, Cl. 433-199.000.
  Masuda, Kenji, 4,523,430, Cl. 60-420.000.
  Misaki, Susumu; Ishii, Sadamu; and Suefuji, Masahiro, 4,524,032, Cl. 260-465.00F.
  Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, 4,499,249, Cl. 526-206.000.
  Nakagawa, Shinichi; Ihara, Kiyohiko; and Sogabe, Toshio, 4,513,129, Cl. 526-249.000.
  Nakagawa, Shinichi; and Ihara, Kiyohiko, 4,521,575, Cl. 526-206.000.
  Nakagawa, Shinichi; Asano, Kohzoh; Sakata, Shinsuke; Adachi, Tokio; and Kawachi, Shoji, 4,552,925, Cl. 525-200.000.
  Nakagawa, Tsuneo; Yamaguchi, Sadatsu; Amano, Toshihiko; and Asano, Kohzoh, 4,546,157, Cl. 526-247.000.
  Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, 4,500,694, Cl. 526-245.000.
  Ohmori, Akira; and Tomihashi, Nobuyuki, 4,504,642, Cl. 526-246.000.
  Ohmori, Akira; Tomihashi, Nobuyuki; and Shimizu, Yoshiki, 4,529,785, Cl. 526-247.000.
  Ohmori, Akira; Tomihashi, Nobuyuki; Inukai, Hiroshi; and Shimizu, Yoshiki, 4,544,720, Cl. 526-247.000.
  Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, 4,557,562, Cl. 350-96.340.
  Onishi, Toshiya; Oshima, Susumu; Mikata, Hiromi; Nakata, Haruo; and Horiuchi, Masami, 4,545,428, Cl. 165-110.000.
  Sako, Junichi; and Honda, Norimasa, 4,547,311, Cl. 252-511.000.
  Suzuki, Takeshi; and Suzue, Seisuke, 4,548,986, Cl. 525-66.000.
  Takahara, Takao; and Shimokawa, Kazuhiro, 4,528,137, Cl. 260-397.400.
  Takahara, Takao; and Hisanaga, Yorisato, 4,542,209, Cl. 536-23.000.
  Takamatsu, Shuichi, 4,504,686, Cl. 568-684.000.
  Tatemoto, Masayoshi; Oka, Masahiko; Kano, Hideo; Tomoda, Masayasu; and Ueta, Yutaka, 4,501,869, Cl. 526-249.000.
  Tatemoto, Masayoshi; Furukawa, Yasuyoshi; Tomoda, Masayasu; Oka, Masahiko; and Morita, Shigeru, 4,530,972, Cl. 525-276.000.
  Tomoda, Masayasu; Kawachi, Shoji; and Tanaka, Hiroyuki, 4,491,536, Cl. 252-511.000.
  Tsunoda, Takahiro; Yamaoka, Tsuguo; Ohmori, Akira; Tomihashi, Nobuyuki; and Tamaru, Sinji, 4,529,783, Cl. 526-246.000.
  Yoshimura, Tatsushiro; Terada, Tsutomu; and Nakayama, Shozo, 4,503,179, Cl. 524-262.000.
  Yoshimura, Tatsushiro; and Tominaga, Shigetake, 4,521,596, Cl. 524-406.000.
Daikoku, Takahiro: *See—*
  Hakuraku, Yoshinori; Ogata, Hisanao; Daikoku, Takahiro; and Suzuki, Noboru, 4,532,770, Cl. 62-3.000.
  Nakajima, Tadakatsu; Nakayama, Wataru; and Daikoku, Takahiro, 4,520,866, Cl. 165-115.000.
  Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
  Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.
Dailey, Carl W.: *See—*
  Warman, Bruce L.; Dailey, Carl W.; and Johnson, Floyd D., 4,531,453, Cl. 98-2.110.
Dailey, Nils L.: *See—*
  Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., 4,512,897, Cl. 210-656.000.
  Leeke, Gordon; Chu, Chaokang; and Dailey, Nils L., 4,496,461, Cl. 210-198.200.
Dailey, Patrick E., to Smith International, Inc. Mud energized electrical generating method and means. 4,515,225, 5-7-85, Cl. 175-40.000.
Dailey Petroleum Services Corp.: *See—*
  Anders, Edward O., 4,508,182, Cl. 175-61.000.
  Anders, Edward O., 4,526,241, Cl. 175-76.000.
  Teng, Chuan C., 4,498,548, Cl. 175-299.000.
Daimaru, Akimasa: *See—*
  Ban, Keisuke; and Daimaru, Akimasa, 4,498,219, Cl. 29-156.50R
  Ban, Keisuke; and Daimaru, Akimasa, 4,534,400, Cl. 164-97.000.
Daimler-Benz Aktiengesellschaft: *See—*
  Acker, Bernd, 4,503,734, Cl. 74-866.000.
  Adam, Roland; Krauth, Dieter; and Derndinger, Hans-Otto, 4,495,115, Cl. 261-44.00F.
  Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,503,906, Cl. 165-104.210.
  Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,520,863, Cl. 165-48.00R.
  Andres, Rudolf; Grantz, Helmut; Muenzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,550,774, Cl. 165-104.210.
  Augustin, Ulrich, 4,494,514, Cl. 123-504.000.
  Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, 4,559,663, Cl. 15-250.350.
  Bayer, Ulrich; and Ochs, Siegfried, 4,523,457, Cl. 73-114.000.
  Bender, Franz; Hertweck, Gernot; Grohn, Michael; and Moser, Peter, 4,495,906, Cl. 123-188.0GC.
  Bender, Franz; Blumensaat, Klaus; and Burthel, Wolfgang, 4,556,170, Cl. 236-86.000.
  Burckhardt, Manfred; and Schulte, Herbert, 4,503,944, Cl. 188-71.600.
  Burk, Gerhard; and Rau, Wolfgang, 4,549,762, Cl. 296-208.000.
  Dobler, Helmut; Zeller, Rolf; and Seitz, Helmut, 4,508,069, Cl. 123-192.00B.
  Drometer, Klaus, 4,508,393, Cl. 303-111.000.
  Dudeck, Ingo; and Schenk, Jurgen, 4,521,769, Cl. 340-635.000.
  Dudeck, Ingo; Hipp, Ulrich; Maass, Manfred; and Ruoff, Harald, 4,523,136, Cl. 318-568.000.
  Ehrlich, Willibald; Jooss, Hans; and Hornung, Rainer, 4,511,606, Cl. 427-386.000.
  Eltze, Georg; Luttge, Klaus; Pickard, Jurgen; Rubmann, Hans; and Sandner, Helmut, 4,534,457, Cl. 192-70.200.
  Enke, Kurt; Hespelt, Achim; Hertler, Eberhard; von der Ohe, Manfred; and Saftien, Udo, 4,561,640, Cl. 267-20.00A.
  Fleischer, Horst, 4,539,897, Cl. 98-49.000.
  Foeldesi, Mihaly, 4,541,645, Cl. 180-68.400.
  Forster, Alfred; Geyer, Willi; and Kober, Leo, 4,518,196, Cl. 296-204.000.
  Forster, Hans-Joachim; Lubbing, Bernd-Eric; and Letsche, Ulrich, 4,509,488, Cl. 123-481.000.
  Fortnagel, Manfred, 4,531,493, Cl. 123-383.000.
  Frankle, Gerhard; and Joppig, Peter, 4,522,164, Cl. 123-180.00R.
  Gallitzendorfer, Josef; Gotz, Hans; Pfeiffer, Peter; and Tomforde, Johann, 4,541,664, Cl. 296-213.000.
  Gallitzendorfer, Joseph; Pfeiffer, Peter; Tomforde, Johann; Parisch, Jochen; and Zweigart, Gerhard, 4,518,197, Cl. 296-213.000.
  Gmeiner, Gunter; Moller, Hermann; Andres, Rudolf; and Faust, Eberhard, 4,497,517, Cl. 297-231.000.
  Grimm, Hermann; Volz, Wolfgang; Supper, Ottmar; and Pfeiffer, Martin, 4,560,973, Cl. 338-28.000.
  Gruber, Gerhard; Moser, Peter; Conrad, Ulrich; and Vlach, Jiri, 4,530,682, Cl. 474-133.000.
  Gwinner, Dietrich; Merkle, Roland; and Noltemeyer, Friedrich, 4,561,388, Cl. 123-41.740.
  Hafner, Gunther; Lenz, Hermann; and Finger, Helmut, 4,503,337, Cl. 290-4.00D.
  Hafner, Gunther; Noreikat, Karl-Ernst; Schmidt, Hans-Dieter; Letsche, Ulrich; and Bauer, Bernhard, 4,546,426, Cl. 364-153.000.
  Heinrich, Hans; and Hedrich, Dieter, 4,519,537, Cl. 228-221.000.
  Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.
  Huber, Guntram; Fischer, Wolfgang; and Klie, Wolfgang, 4,542,925, Cl. 293-120.000.
  Huber, Guntram; Moller, Hermann; Faust, Eberhard; Andres, Rudolf; and Qullmalz, Wolfram, 4,552,402, Cl. 297-284.000.
  Jeglitzka, Maximilian; and von der Ohe, Manfred, 4,557,469, Cl. 267-20.00A.
  Joppig, Peter; Peitz, Bernard; and Woschee, Dieter, 4,557,233, Cl. 123-323.000.
  Kizler, Wolfgang; Sieder, Wolfgang; Schopf, Hans-Joachim; Dobler, Helmut; and Gluck, Roland, 4,523,916, Cl. 464-98.000.
  Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, 4,511,214, Cl. 350-632.000.
  Koelle, Erwin; and Klink, Josef, 4,560,202, Cl. 297-410.000.
  Kornus, Dieter; and Ruppert, Frank, 4,529,977, Cl. 340-686.000.
  Kurz, Wolf-Dieter; Hanke, Hans; and Braatz, Andreas, 4,538,553, Cl. 123-41.130.
  Lang, Werner; and Kretschmer, Jurgen, 4,560,189, Cl. 285-158.000.
  Lindenmaier, Klaus; and Zieger, Josef, 4,553,520, Cl. 123-557.000.
  Loper, Bernd, 4,512,614, Cl. 301-37.00P.
  Mauermann, Walter; and Dudeck, Ingo, 4,527,525, Cl. 123-425.000.
  Merkle, Josef, 4,493,481, Cl. 267-64.270.
  Merkle, Josef, 4,518,154, Cl. 267-34.000.
  Muller, Alf; Schobbe, Hermann; Loper, Bernd; and Binnewies, Hartmut, 4,533,184, Cl. 301-63.00R.
  Oblander, Kurt; and Dahm, Wolfram, 4,528,950, Cl. 123-193.00C.

Patzelt, Helmut, 4,531,760, Cl. 280-777.000.
Paul, Jurgen; Braatz, Andreas; and Hanke, Hans, 4,493,293, Cl. 123-41.120.
Petrovsky, Jan; and Roloff, Heinz, 4,498,848, Cl. 417-253.000.
Rauneker, Josef, 4,511,012, Cl. 180-65.200.
Renz, Dieter; and Loper, Bernd, 4,531,786, Cl. 301-37.0PB.
Roehringer, Arno, 4,531,602, Cl. 180-143.000.
Ruhl, Thomas, 4,541,369, Cl. 123-41.490.
Scheurenbrand, Dieter; Stotz, Manfred; Distel, Manfred; and Kleinschmit, Einhard, 4,518,091, Cl. 220-5.00A.
Schmidt, Manfred; Trube, Hans; and Pfeiffer, Martin, 4,544,197, Cl. 296-84.00R.
Schnapper, Martin; and Hufendiek, Ernst W., 4,523,562, Cl. 123-357.000.
Schobbe, Hermann, 4,498,680, Cl. 277-112.000.
Schobbe, Hermann, 4,529,251, Cl. 301-37.00P.
Scholz, Hans J.; and Patzelt, Helmut, 4,556,236, Cl. 280-729.000.
Solleder, Friedrich; Krohn, Hellmut; Burckhardt, Manfred; and Brugger, Franz, 4,509,802, Cl. 303-110.000.
Spaude, Heinz-Werner, 4,547,734, Cl. 324-395.000.
Sternberg, Rudolf; and Schnapper, Martin, 4,513,701, Cl. 123-188.0AA.
Stolz, Albert, 4,537,349, Cl. 237-12.30C.
Stolz, Albert; Volz, Wolfgang; and Sigmund, Gunther, 4,548,355, Cl. 236-37.000.
Strifler, Paul, 4,494,404, Cl. 73-113.000.
Struck, Helmut; Richter, Karl H.; Klein, Michael; Ruth, Ulrich; and Ulke, Walter, 4,522,418, Cl. 280-95.00A.
Thiemann, Karl-Heinz; Weinert, Hans-Juergen; and Rauchle, Wilfried, 4,562,121, Cl. 428-607.000.
von Hiddessen, Gotz; and Wachtel, Dieter, 4,543,853, Cl. 74-713.000.
Wawra, Helmut; and Schuliers, Wolfgang, 4,502,746, Cl. 339-3.00S.
Weiger, Gunter; Schwerdt, Paul; and Grossner, Horst, 4,531,706, Cl. 251-25.000.
Wiegard, Klaus; Kinast, Karlheinz; Kleinekathofer, Wolfgang; and Tank, Eggert, 4,551,396, Cl. 428-678.000.
Wohlfarth, Dieter; and Kostelezky, Walter, 4,525,782, Cl. 364-431.010.
Worner, Gunter; Kosik, Franz; and Gosele, Hartmut, 4,516,955, Cl. 464-89.000.
Wulf, Helmut; and Baehrle, Friedrich, 4,532,894, Cl. 123-142.50E.
Zeilinger, Karl; and Bachschmid, Reiner, 4,561,634, Cl. 251-364.000.

Daimon, Masahiro, to Mitsubishi Denki Kabushiki Kaisha. Track deviation detecting apparatus. 4,498,159, 2-5-85, Cl. 369-44.000.

Dainichi-Nippon Cables, Ltd.: *See—*
Ishitobi, Masami, 4,501,928, Cl. 174-107.000.
Kusui, Akio; Morita, Shuji; Kudoh, Toshio; Tanaka, Yasuo; and Itoh, Hirotaka, 4,508,414, Cl. 339-143.00R.
Rokunohe, Mitsuru; Nakajima, Toshiyuki; Iwata, Kansei; and Tajima, Hiroyuki, 4,549,175, Cl. 340-794.000.
Suzuki, Koichi; Oose, Seiroku; So, Yuzo; and Hirao, Yasutaka, 4,509,104, Cl. 362-32.000.
Tanno, Shogo, 4,510,435, Cl. 324-52.000.

Dainichi Seika Color & Chemicals Mfg. Co., Ltd.: *See—*
Kuriyama, Katsumi; Kondo, Isao; and Misaizu, Iwao, 4,510,186, Cl. 427-381.000.

Dainippon Ink and Chemicals, Inc.: *See—*
Kamei, Masayuki; Endo, Tomio; and Hashimoto, Yutaka, 4,536,298, Cl. 252-8.050.
Karino, Saburo; and Ishida, Yoshiaki, 4,515,737, Cl. 264-22.000.
Kawabata, Juheiji; Inoue, Toshio; Sugie, Toshinori; and Kobata, Fumihiro, 4,507,468, Cl. 528-388.000.
Murakami, Yoichi; Shoji, Akio; Takezawa, Shoichiro; Ishikawa, Noboru; and Morita, Toshiaki, 4,499,239, Cl. 525-111.000.
Nemoto, Yuhei; Shigeta, Sadaaki; and Yokokawa, Yoshio, 4,548,889, Cl. 430-273.000.
Okoshi, Noboru; and Ikeda, Takenori, 4,533,716, Cl. 528-73.000.
Sasaki, Makoto; Sasaki, Haruyoshi; and Sato, Hisato, 4,551,280, Cl. 260-465.00D.
Sugie, Toshinori; Ishikawa, Ryoichi; and Kobata, Fumihiro, 4,5[illegible]3,346, Cl. 525-523.000.
Takagaki, Hidetsugu; Nakanishi, Shigenori; Tanaka, Yasuyuki; Watanabe, Michihiro; and Yonehara, Yoriko, 4,525,303, Cl. 260-239.55R.
Takatsu, Haruyoshi; and Sato, Hisato, 4,558,151, Cl. 560-118.000.
Takenouchi, Osamu; Nguyen Chanh, Khe; Kawara, Tatsuo; and Tanaka, Hisami, 4,504,560, Cl. 430-72.000.
Yasui, Toshihiko; Matsumoto, Tetsuo; and Akaike, Akihiko, 4,536,468, Cl. 430-296.000.

Dainippon Pharmaceutical Co., Ltd.: *See—*
Hayashi, Hiroshi; and Kuwashima, Junji, 4,529,594, Cl. 514-12.000.
Matsumoto, Jun-ichi; and Nakamura, Shinichi, 4,496,566, Cl. 514-254.000.
Matsumoto, Jun-ichi; Nishimura, Yoshiro; and Nakamura, Shinichi, 4,497,816, Cl. 514-300.000.
Shimohiro, Yoshiyuki; Ogawa, Masazo; and Ohnishi, Tooru, 4,548,648, Cl. 106-208.000.
Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, 4,545,932, Cl. 260-112.50R.
Tukamoto, Masatoshi; and Sawayama, Tadahiro, 4,536,601, Cl. 564-355.000.
Uno, Hitoshi; Karasawa, Tadahiko; Kon, Tatsuya; and Ito, Tsugutaka, 4,528,299, Cl. 514-428.000.
Yokogawa, Kanae; Kotani, Shozo; Kawata, Shigeo; and Takase, Yoshiyuki, 4,515,891, Cl. 435-69.000.

Dainippon Screen Mfg. Co., Ltd.: *See—*
Inuta, Kazuo, 4,531,474, Cl. 118-503.000.
Maeda, Kiyoshi, 4,502,757, Cl. 350-173.000.
Maeda, Kiyoshi, 4,506,275, Cl. 346-108.000.
Masuda, Tatsunosuke; Hohki, Tetsuo; and Kurusu, Yasuo, 4,555,180, Cl. 356-445.000.
Mitsuka, Ikuo, 4,496,956, Cl. 346-108.000.
Sakamoto, Takashi; Sano, Tetsuo; Kodama, Eiji; and Choh, Masamichi, 4,561,061, Cl. 364-550.000.
Sano, Tetsuo, 4,539,478, Cl. 250-235.000.
Senga, Takao; Suzuki, Shigeyoshi; Yamada, Jun; and Kuriu, Sadao, 4,502,677, Cl. 271-104.000.
Takeshita, Osamu, 4,531,909, Cl. 432-37.000.
Taniguchi, Matsuyoshi, 4,561,535, Cl. 198-406.000.
Tsuda, Masaya; Yonemaru, Ken-Ichi; and Masuda, Yoshikazu, 4,492,977, Cl. 358-75.000.
Yamada, Mitsuhiko; and Nakade, Toshiaki, 4,553,172, Cl. 358-280.000.

Dainippon Screen Seizo Kabushiki Kaisha: *See—*
Araki, Shuichi; and Hashiyama, Hideshi, 4,524,456, Cl. 382-56.000.
Fujii, Teruo; and Katsuyama, Mikizo, 4,558,214, Cl. 250-216.000.
Hirosawa, Makoto, 4,496,989, Cl. 358-296.000.
Hirosawa, Makoto, 4,547,814, Cl. 358-298.000.
Ikuta, Kunio; and Atoji, Hitomi, 4,503,457, Cl. 358-75.000.
Maeda, Kiyoshi; and Okamoto, Masashi, 4,517,608, Cl. 358-298.000.
Maeda, Kiyoshi; and Kawatani, Masafumi, 4,525,749, Cl. 358-290.000.
Matsumoto, Katsutoshi, 4,522,123, Cl. 101-349.000.
Nagashima, Masato; Katsuyama, Mikizo; and Yamamoto, Masahiro, 4,523,805, Cl. 350-96.240.
Okai, Tsukasa; and Araki, Shuichi, 4,513,444, Cl. 382-56.000.
Ono, Yoshio; and Sakamoto, Seiya, 4,521,814, Cl. 358-296.000.
Sakamoto, Takashi, 4,498,109, Cl. 358-296.000.
Sakamoto, Takashi, 4,511,989, Cl. 364-723.000.
Sakamoto, Takashi, 4,535,365, Cl. 358-287.000.
Sakamoto, Takashi, 4,543,613, Cl. 358-298.000.
Sakamoto, Takashi, 4,556,901, Cl. 358-75.000.
Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, 4,521,101, Cl. 355-10.000.
Takagi, Tsuneo; and Yonehara, Hiroyuki, 4,525,065, Cl. 355-77.000.
Taniguchi, Hiroshi; Takita, Nobuhiro; Nomura, Norimasa; and Mizuta, Masaji, 4,527,878, Cl. 354-298.000.
Yamada, Mitsuhiko, 4,491,864, Cl. 358-80.000.
Yamada, Mitsuhiko, 4,500,917, Cl. 358-75.000.
Yamada, Mitsuhiko, 4,509,046, Cl. 340-815.100.
Yamada, Mitsuhiko, 4,534,059, Cl. 382-54.000.

Daire, Erick: *See—*
Mimoun, Hubert; Saussine, Lucien; Daire, Erick; Robine, Alain; and de Luzinais, Jacques G., 4,529,824, Cl. 568-803.000.

Dairiki, Osamu; Ookuma, Humio; and Asano, Hiroyuki, to Nippon Steel Corporation. Method of rolling metal. 4,494,205, 1-15-85, Cl. 364-472.000.

Dairy & Food Labs, Inc.: *See—*
Young, Randall S.; and Fredericks, Ronald D., Jr., 4,510,072, Cl. 252-380.000.

Dairy Systems, Inc.: *See—*
Heidecker, Robert F., 4,512,096, Cl. 40-304.000.

Dairy Technology Ltd.: *See—*
Marquardt, Robert F.; Pederson, Harold T., Jr.; and Francis, Leo H., 4,497,836, Cl. 426-239.000.

Dairyman's Cooperative Creamery Assoc.: *See—*
Meade, Reginald E., 4,561,192, Cl. 34-10.000.

Daishin Kagaku Kogyo Kabushiki Kaisha: *See—*
Tsuruta, Hirobumi; and Kondo, Kiichi, 4,507,383, Cl. 430-275.000.

Daisy Systems Corporation: *See—*
Finegold, Aryeh, 4,533,911, Cl. 340-727.000.

Daisy Systems Holland B.V.: *See—*
Morsing, Gijsbertus B., 4,496,253, Cl. 400-163.100.
Schuiling, Theodorus A.; and Morsing, Gijsbertus B., 4,544,290, Cl. 400-175.000.

Daito, Michimasa: *See—*
Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, 4,528,074, Cl. 204-16.000.

Daitoku, Koichi; and Okabe, Nobuo, to Nippon Kogaku K.K. Photographing lens focusing device. 4,540,264, 9-10-85, Cl. 354-400.000.

Daitoku, Koichi: *See—*
Wakabayashi, Hiroshi; Okabe, Nobuo; and Daitoku, Koichi, 4,515,453, Cl. 354-149.100.

Daiwa Alloy Mfg. Co.: *See—*
Saito, Yu; and Harada, Tsuneo, 4,560,615, Cl. 428-328.000.

Daiwa Can Company, Limited: *See—*
Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.
Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,497,178, Cl. 62-55.000.
Shimizu, Hiromichi; Kuboshima, Akira; and Tanaka, Tadashi, 4,519,310, Cl. 101-35.000.

Daiwa Golf Co., Ltd.: *See—*
Yamada, Magoichi, 4,534,564, Cl. 273-169.000.
Yamada, Magoichi, 4,535,990, Cl. 273-173.000.
Yamada, Magoichi, 4,553,755, Cl. 273-171.000.

Daiwa Seiko Co., Ltd.: *See—*
  Hirose, Haruomi; and Yamazaki, Akio, 4,516,348, Cl. 43-17.000.
  Yamaguchi, Nobuyuki, 4,513,925, Cl. 242-84.50A.
Daiwa Seiko Inc.: *See—*
  Atobe, Takashi, 4,549,703, Cl. 242-84.52B.
  Atobe, Takashi, 4,557,429, Cl. 242-84.420.
  Hashimoto, Hiroshi, 4,516,741, Cl. 242-217.000.
  Nagata, Hiromitsu, 4,520,971, Cl. 242-220.000.
Daiwa Seiko Kabushiki Kaisha: *See—*
  Yamamoto, Shigeru, 4,528,769, Cl. 43-22.000.
Daiwa Steel Tube Industries Co., Ltd.: *See—*
  Nakamura, Matsuichi, 4,541,659, Cl. 285-382.200.
Dakin, R.: *See—*
  Segan, Marc C.; Swarztrauber, Sayre A.; and Patterson, Neil K., 4,547,635, Cl. 200-52.00R.
Dakin, Thomas W.; Studniarz, Stanley A.; and Chenoweth, Terrence E., to Westinghouse Electric Corp. Resins containing a low viscosity organopolysiloxane liquid dielectric and a method of insulating a conductor therewith. 4,537,803, 8-27-85, Cl. 427-385.500.
Dakin, Wayne R.; and Isailovic, Jordan, to Discovision Associates. Compressed bandwidth frequency modulation signal format apparatus and method. 4,499,502, 2-12-85, Cl. 358-310.000.
Dakin, Wayne R.; and Ceshkovsky, Ludwig, to Discovision Associates. Method and apparatus for information retrieval from an optically readable storage medium. 4,506,355, 3-19-85, Cl. 369-32.000.
Dal Pan, Giacinto; and Morali, Giorgio, to Innse Innocenti Santeustacchio S.p.A. Dummy bar wagon for an installation for the continuous casting of steel. 4,491,170, 1-1-85, Cl. 164-426.000.
Dal Pan, Giacinto; and Gnecchi, Edgardo, to Innse Innocenti Santeustacchio S.p.A. Apparatus for supporting the piercing mandrel backup bar of a press-piercing rolling mill. 4,503,698, 3-12-85, Cl. 72-209.000.
Dal Poz, Giuseppe: *See—*
  Fugazza, Ermanno; and Dal Poz, Giuseppe, 4,543,922, Cl. 123-179.00S.
d'Alayer de Costemore d'Arc, Stephane, to Staar S.A. Cleaning device for discs. 4,520,470, 5-28-85, Cl. 369-72.000.
d'Alayer de Costemore d'Arc, Stephane A. M., to Staar S.A. Motion damping suspension system for record playback machines. 4,553,231, 11-12-85, Cl. 369-263.000.
d'Alayer de Costemore d'Arc, Stephane M., to Staar S.A. System for detecting the operative face of a disc carrying data on one face only. 4,497,049, 1-29-85, Cl. 369-50.000.
d'Alayer de Costemore d'Arc, Stephane M. A., to Staar S.A. Compact disc loading and unloading device with rotationally actuated movable disc support. 4,527,264, 7-2-85, Cl. 369-77.100.
D'Alayer de Costemore d'Arc, Stephane M. A., to Staar S.A. Position memory for laser reproduction unit. 4,527,265, 7-2-85, Cl. 369-244.000.
d'Alayer de Costemore d'Arc, Stephane M. A., to Staar S.A. Miniature video cassette. 4,529,149, 7-16-85, Cl. 242-199.000.
d'Alayer de Costemore d'Arc, Stephane M. A., to Staar S.A. Electronic camera. 4,530,014, 7-16-85, Cl. 360-33.100.
Dalboussiere, Gerard: *See—*
  Castel, Rene; Dalboussiere, Gerard; and Kulakowski, Michel, 4,549,296, Cl. 371-16.000.
Dalbow, David G.: *See—*
  Bartuska, Victor J.; Lewis, David H.; Lewis, Robin B.; and Dalbow, David G., 4,511,841, Cl. 324-321.000.
Dalby, Kenneth G.: *See—*
  Day, George W.; and Dalby, Kenneth G., 4,543,658, Cl. 377-8.000.
Dalcanale, Enrico; Bottaccio, Giorgio; Campolmi, Stefano; and Montanari, Fernando, to Montedison S.p.A. Process for oxidizing aldehydes to carboxylic acids. 4,549,025, 10-22-85, Cl. 546-327.000.
Daldosch, Johannes: *See—*
  Hooie, David W.; and Daldosch, Johannes, 4,535,913, Cl. 221-251.000.
Dale Electronics, Inc.: *See—*
  Person, Herman R.; and Johnson, Douglas E., 4,529,958, Cl. 338-275.000.
  Plough, Charles T., Jr.; and Hight, Ralph D., 4,498,071, Cl. 338-308.000.
Dale, Howard C.: *See—*
  Lentz, Scott B.; and Dale, Howard C., 4,552,270, Cl. 211-17.000.
Dale, Jacques: *See—*
  Caugant, Jean; and Dale, Jacques, 4,510,613, Cl. 378-152.000.
  Caugant, Jean; and Dale, Jacques, 4,541,293, Cl. 74-89.180.
Dale, Jim E., to United States of America, Agriculture. Rope wick applicator. 4,513,528, 4-30-85, Cl. 47-1.500.
Dale, John R., to United States of America, Navy. Sonobuoy float inflation and depth selection initiators. 4,493,664, 1-15-85, Cl. 441-7.000.
Dale, Lawrence A.; Grenleski, Stephen E., Jr.; Keirsey, James L.; and Stevens, Charles E., to United States of America, Navy. Multi-port dump combustor. 4,539,811, 9-10-85, Cl. 60-270.100.
Dale, Paul B.: *See—*
  Banks, Edwin R.; Ray, Roger C.; and Dale, Paul B., 4,538,225, Cl. 364-200.000.
Dale, Paul R.: *See—*
  Bronner, James A.; Moore, John D.; and Dale, Paul R., 4,510,081, Cl. 252-603.000.
Dale, Ronald R.: *See—*
  Fustier, Patrick; and Dale, Ronald R., 4,529,606, Cl. 426-330.300.
Dale, Steven M.; Paluch, Richard C.; and Setter, Gerald A., Jr., to Conax Corporation. Sealed temperature probe. 4,527,909, 7-9-85, Cl. 374-163.000.
D'Alelio, Gaetano F., to University of Notre Dame du Lac. Chain-extending functional polyimides by dipole reactions. 4,537,947, 8-27-85, Cl. 525-424.000.
D'Alelio, Gaetano F., deceased (by St. Joseph Bank and Trust Company, executor), to Plastics Engineering Company. Polysulfone compositions and derivatives thereof. 4,517,354, 5-14-85, Cl. 528-172.000.
D'Alelio, Gaetano F., deceased (St. Joseph Bank and Trust Company, legal representative); and Waitkus, Phillip A., to Plastics Engineering Company. Vinylacetylene-terminated polyimide derivatives. 4,517,363, 5-14-85, Cl. 546-66.000.
D'Alelio, Gaetano F., deceased (by St. Joseph Bank and Trust Company, executor); and Waitkus, Phillip A., to Plastics Engineering Company. Vinylacetylene-terminated polyimide derivatives. 4,517,364, 5-14-85, Cl. 546-66.000.
D'Alelio, Gaetano F., deceased (by St. Joseph Bank and Trust Company, executor); and Waitkus, Phillip A., to Plastics Engineering Company. Vinylacetylene-terminated polyimide derivatives. 4,520,198, 5-28-85, Cl. 546-66.000.
D'Alelio, Gaetano F., deceased (by St. Joseph Bank and Trust Company, executor); and Waitkus, Phillip A., to Plastics Engineering Company. Polymerization products of vinylacetylene-terminated polyimide derivatives. 4,528,349, 7-9-85, Cl. 526-262.000.
D'Alelio, Gaetano F., deceased (by St. Joseph Bank and Trust Company, executor); and Waitkus, Phillip A., to Plastics Engineering Company. Vinylacetylene-terminated polyimide derivatives. 4,528,373, 7-9-85, Cl. 546-66.000.
Dalemark Industries, Inc.: *See—*
  Delligatti, Patrick; and Steen, Hans F., 4,542,386, Cl. 346-140.00R.
Dalen Products, Inc.: *See—*
  Caldwell, Edward N., 4,557,069, Cl. 43-122.000.
Dales, John R. M.; and Vallance, Marguerita A., to Beecham Group p.l.c. Process for the preparation of penam derivatives. 4,501,696, 2-26-85, Cl. 260-245.20R.
D'Alessio, Michael S., to Harsco Corporation. Scaffolding connector and system. 4,493,578, 1-15-85, Cl. 403-49.000.
D'Alessio, Michael S.; and Matcovich, Charles, to Harsco Corporation. Safety device. 4,516,663, 5-14-85, Cl. 187-19.000.
D'Alessio, Michael S.; and Mocny, Richard C., to Harsco Corporation. Shoring frame. 4,541,509, 9-17-85, Cl. 182-179.000.
Daley, Eugene E., Jr.; and O'Grady, Thomas R., to Carrier Corporation. Electric connector assembly. 4,494,813, 1-22-85, Cl. 339-99.00R.
Daley, James A. Scoot ball game apparatus. 4,550,911, 11-5-85, Cl. 273-94.000.
Daley, Ronald J. Remote control system for use with a telephone. 4,491,690, 1-1-85, Cl. 179-2.00A.
Daley, William J.; and Van Husen, Hendrik W., to GTE Automatic Electric Laboratories Incorporated. Hall effect device test circuit. 4,491,794, 1-1-85, Cl. 324-158.00R.
Dalferth, Gotthilf R. Device for releasing the flow of water in a water faucet. 4,512,551, 4-23-85, Cl. 251-339.000.
Dalferth, Hans H.; and Bauer, Johannes, to RUD-Kettenfabrik Rieger & Dietz GmbH u. Co. Chain joint for link chains. 4,505,103, 3-19-85, Cl. 59-85.000.
D'Alfonso, Nunzio: *See—*
  Neitz, Alfred; D'Alfonso, Nunzio; and Pickel, Hans, 4,499,871, Cl. 123-276.000.
Dalglish, Herbert F.: *See—*
  Bouma, James R., 4,558,883, Cl. 280-478.00A.
Dalibout, Georges, to WABCO Westinghouse Equipements Ferroviaires. Brake cylinder with two pistons. 4,493,246, 1-15-85, Cl. 92-13.800.
Dalke, Charles A.; and Stoll, Bradley G., to General Electric Company. Outlet plug for recirculation loop of nuclear reactor. 4,548,783, 10-22-85, Cl. 376-204.000.
Dalke, Charles A.: *See—*
  Umble, Don G.; Choong, Tsi-Pin; Izzo, Kenneth R.; Burdg, Charles E.; Hankin, Gary H.; and Dalke, Charles A., 4,512,179, Cl. 73-4.00R.
Dalke, Jack E.: *See—*
  Petersen, Oscar J.; Barton, Ross J.; Dalke, Jack E.; Sheffield, Gerald W.; and Towle, Theodore, 4,537,384, Cl. 251-83.000.
Dalla Lana, Ivo G.: *See—*
  Wanke, Sieghard E.; Rangwala, Huseni A.; Otto, Fred D.; Dalla Lana, Ivo G.; Paterson, Linda M.; and Rolston, John H., 4,536,488, Cl. 502-159.000.
Dall'Aglio, Carlo: *See—*
  Golinelli, Guido; and Dall'Aglio, Carlo, 4,524,523, Cl. 33-143.00L.
  Golinelli, Guido; and Dall'Aglio, Carlo, 4,553,332, Cl. 33-561.000.
  Golinelli, Guido; and Dall'Aglio, Carlo, 4,555,855, Cl. 33-147.00K.
Dallaire, Remy; and Larouche, Claude. Ring puzzle. 4,512,582, 4-23-85, Cl. 273-158.000.
DallaPiazza, Dennis G.: *See—*
  Glover, Gary H.; DallaPiazza, Dennis G.; and Pelc, Norbert J., 4,554,633, Cl. 364-414.000.
Dallas Corporation: *See—*
  Urbanick, Burton A., 4,527,807, Cl. 277-189.000.
Dallas, Donald. Magnetic cassette for radiographic film material. 4,506,788, 3-26-85, Cl. 206-455.000.
Dallaserra, Arthur B.: *See—*
  Bavoux, Guy; and Dallaserra, Arthur B., 4,532,863, Cl. 101-153.000.
Dallatomasina, Franco; Ortica, Roberto; Giardino, Pietro; and Oppici, Ernesto, to Farmitalia Carlo Erba S.p.A. Aspartame synthesis. 4,549,987, 10-29-85, Cl. 260-112.50R.

Dallavia, Anthony J., Jr., to General Electric Company. Modified silicone release coating compositions. 4,526,953, 7-2-85, Cl 528-15.000.

Dallessandro, Susan M.: *See—*

Tasset, Emmett L.; Dallessandro, Susan M.; and Richey, Warren F., 4,524,011, Cl. 252-171.000.

Dalli, Alan G.: *See—*

Debenham, Michael; Dalli, Alan G.; and Revill, Peter L., 4,546,873, Cl. 198-836.000.

Dalliard, Fernand: *See—*

Hess, Fritz; and Dalliard, Fernand, 4,535,702, Cl. 105-4.00R.

Dallolio, Giorgio, to Redaelli Tecna Meccanica S.p.A. Device for sensing the tension in the individual threads in a stranding machine. 4,541,236, 9-17-85, Cl. 57-264.000.

Dalloro, Leonardo: *See—*

Moreschini, Luciano; Dalloro, Leonardo; Cavaterra, Enrico; Petrini, Guido; and Covini, Romano, 4,499,302, Cl. 562-599.000.

Dall'Osso, Gastone: *See—*

Mattei, Riccardo; and Dall'Osso, Gastone, 4,531,627, Cl. 198-420.000.

Seragnoli, Enzo; and Dall'Osso, Gastone, 4,528,801, Cl. 53-494.000.

Seragnoli, Enzo; Mattei, Riccardo; and Dall'Osso, Gastone, 4,531,629, Cl. 198-458.000.

Dalman, G. Conrad: *See—*

Berenz, John J.; Dalman, G. Conrad; and Lee, Charles A., 4,551,904, Cl. 29-571.000.

Dalmaso, George C., to WGM Safety Corp. Security device. 4,560,029, 12-24-85, Cl. 182-5.000.

Dalmo Victor Operations, Bell Aerospace Textron, Div. of Textron, Inc.: *See—*

Pon, Chuck Y., 4,517,535, Cl. 333-81.00A.

Daloisio, Pasquale C., to Plastech International, Inc. Tilt truck. 4,511,154, 4-16-85, Cl. 280-47.260.

D'Aloisio, Rino: *See—*

Venturello, Carlo; D'Aloisio, Rino; and Ricci, Marco, 4,562,276, Cl. 556-20.000.

Dalsin, Bernard L., to Bernard Dalsin Manufacturing Company. Chimney damper. 4,554,863, 11-26-85, Cl. 98-59.000.

Dalso Maskinfabrik AF 1976 A/S: *See—*

Thomsen, Torben H., 4,561,420, Cl. 126-77.000.

D'Alterio, Joseph C. Paired conveyor belts with zigzag travel. 4,522,217, 6-11-85, Cl. 134-75.000.

Daltex Medical Sciences, Inc.: *See—*

Fox, Charles L., Jr., 4,559,223, Cl. 424-48.000.

Dalton, Betty J. Head covering for women with hair loss. 4,491,985, 1-8-85, Cl. 2-171.000.

Dalton, Betty J. Head scarf for women with hair loss. 4,492,242, 1-8-85, Cl. 132-53.000.

Dalton, Jeffrey L.; and Johnson, Philip M., to Gentex Corporation. Method of forming a tintable abrasion-resistant coating on a substrate and article produced thereby. 4,550,059, 10-29-85, Cl. 428-409.000.

Dalton, Leslie W., Jr.; Boehm, James A., III; and Cooper, William K., to Energy Optics, Inc. Method and apparatus for measuring differential auditory system. 4,556,069, 12-3-85, Cl. 128-746.000.

Dalton, Raymond F.; Price, Raymond; Quan, Peter M.; and Stewart, David, to Imperial Chemical Industries PLC. Process for the extraction of metal values and novel metal extractants. 4,525,330, 6-25-85, Cl. 423-24.000.

Dalton, Robert F., Jr., to Alma Desk Company. Interconnecting wall panels. 4,545,168, 10-8-85, Cl. 52-588.000.

Dalton, Susan H. Ball and track game. 4,512,578, 4-23-85, Cl. 273-110.000.

Dalton, Thomas B., to Dyna-Torque, Inc. Torque measuring device. 4,498,336, 2-12-85, Cl. 73-168.000.

Dalworth Construction Inc.: *See—*

Rice, William C., 4,539,780, Cl. 52-169.600.

Daly, Christopher N.; and Money, David K., to Telectronics Pty. Ltd. On-chip CMOS bridge circuit. 4,533,988, 8-6-85, Cl. 363-127.000.

Daly, Christopher N.: *See—*

Crosby, Peter A.; Daly, Christopher N.; Money, David K.; Patrick, James F.; Seligman, Peter M.; and Kuzma, Janusz A., 4,532,930, Cl. 128-419.00R.

Ibrahim, Ibrahim H.; and Daly, Christopher N., 4,541,431, Cl. 128-419.0PT.

Daly, Jeffery E., to Reed Rock Bit Company. Friction bearing assembly having a series of rings constituting a bushing therefor. 4,514,097, 4-30-85, Cl. 384-93.000.

Daly, Jeffery E.; and Pastusek, Paul E., to Reed Rock Bit Company. Drill bit having a failure indicator. 4,548,280, 10-22-85, Cl. 175-40.000.

Daly, John J., Jr.: *See—*

Bartlett, Philip L.; Daly, John J., Jr.; and Sterling, John D., Jr., 4,543,202, Cl. 252-305.000.

Daly, Richard T.; Cohen, Martin G.; and Kumar, Binod, to Quantronix Corporation. Segmented YAG laser rods and methods of manufacture. 4,507,787, 3-26-85, Cl. 372-62.000.

Daly, Richard T.; Rhoades, Walter; Stone, Harvey; and Kaplan, Robert A., to Quantronix Corporation. YAG laser system. 4,507,789, 3-26-85, Cl. 372-92.000.

Daly, Richard T., and Cohen, Martin G., to Quantronix Corporation. Segmented YAG laser rods and method of manufacture. 4,509,175, 4-2-85, Cl. 372-101.000.

Dalziel, John: *See—*

Marchington, Anthony F.; Lewis, Timothy; Clough, John M.; Worthington, Paul A.; and Dalziel, John, 4,518,415, Cl. 71-92.000.

Dam, Poul S.: *See—*

Jacobsen, Finn; Molbaek, Jens J.; Zangenberg, Jan; and Dam, Poul S., 4,535,590, Cl. 60-531.000.

Jorgensen, Peter; Molbaek, Jens J.; Spies, Volker; Dyhr-Mikkelsen, Poul C.; and Dam, Poul S., 4,527,595, Cl. 138-43.000.

Dam, Robert, to Zenith Electronics Corporation. Self-centering deflection yoke assembly. 4,553,120, 11-12-85, Cl. 335-210.000.

Damani, Nalinkant C.; Bhagat, Haresh G.; and McElhaney, Ramon L., to Alcon Laboratories, Inc. Anti-acne compositions. 4,514,385, 4-30-85, Cl. 424-81.000.

Damar Holdings B.V.: *See—*

Solomon, Arieh, 4,557,404, Cl. 222-325.000.

Damas Maskinfabrik A/S: *See—*

Ewald, Ole, 4,525,271, Cl. 209-303.000.

D'Amato, Ralph J., to RCA Corporation. Arc suppression structure for an electron gun. 4,491,764, 1-1-85, Cl. 315-3.000.

Dambach, Philip J.; and Berg, B. Alan, to Molex Incorporated. Modular jack assembly. 4,538,874, 9-3-85, Cl. 339-99.00R.

Dambach, Philip J.; and Berg, B. Alan, to Molex Incorporated. Solderless circuit board connector. 4,538,878, 9-3-85, Cl. 339-217.00R.

Dambach, Philip J., to Molex Incorporated. Drawer connector. 4,560,222, 12-24-85, Cl. 339-75.0MP.

Dambenieks, Andrejs: *See—*

Lenaerts, George V.; Charchanko, Eugene W.; and Dambenieks, Andrejs, 4,517,739, Cl. 29-846.000.

D'Ambra, Roberto: *See—*

Gazzi, Luigi; D'Ambra, Roberto; Di Cintio, Roberto; Rescalli, Carlo; and Vetere, Alessandro, 4,561,869, Cl. 62-17.000.

Dambrackas, William A.; Marshall, Michael B.; Greenstein, Larry S.; and Downie, Alex, to Racal-Milgo, Inc. Statistical multiplexer with dynamic bandwidth allocation for asynchronous and synchronous channels. 4,494,232, 1-15-85, Cl. 370-80.000.

Dambricourt, Richard: *See—*

Brezzo, Bernard; Calvignac, Jean; Dambricourt, Richard; Masclet, Andre; and Sanche, Jean-Pierre, 4,493,051, Cl. 364-900.000.

D'Ambrosio, Anthony H. Garment waistband construction. 4,549,317, 10-29-85, Cl. 2-237.000.

Damco Testers, Inc.: *See—*

Miller, Darwin L.; and Miller, Ronnie F., 4,517,828, Cl. 73-46.000.

Nousak, Matthew J. A., 4,548,069, Cl. 73-49.500.

D'Amelia, Ronald P.; Stroz, John J.; and White, Roy, to Nabisco Brands, Inc. Single compatibilizing agents for elastomer-resin combination gum base. 4,525,363, 6-25-85, Cl. 426-3.000.

Damen, Theodoor C.; Duguay, Michael A.; Howard, Richard E.; Jackel, Lawrence D.; and Skocpol, William J., to AT&T Bell Laboratories. Optical disc read/write apparatus. 4,550,249, 10-29-85, Cl. 250-201.000.

Damen, Theodoor C.: *See—*

Chemla, Daniel S.; Damen, Theodoor C.; Gossard, Arthur C.; Miller, David A. B.; and Wood, Thomas H., 4,525,687, Cl. 332-7.510.

Dameron, James L., Jr. Picture locating tool. 4,517,860, 5-21-85, Cl. 81-487.000.

Dameron, Robert D.: *See—*

Fleming, John E.; and Dameron, Robert D., 4,506,450, Cl. 33-366.000.

Damiano, Ralph R.; and Whitney, Charles A., to Wiremold Company, The. Method and apparatus for electrical connection of flat cables. 4,543,716, 10-1-85, Cl. 29-871.000.

Damiano, Victor V.: *See—*

Baldi, Alfonso L.; and Damiano, Victor V., 4,528,215, Cl. 427-252.000.

Damico, Joyce A., to Kimberly-Clark Corporation. Disposable garment. 4,500,316, 2-19-85, Cl. 604-389.000.

Damiens, Bernard J. A. Cool beverage carafe server. 4,543,801, 10-1-85, Cl. 62-457.000.

Damin, Bernard: *See—*

Denis, Jacques; Sillion, Bernard; Damin, Bernard; and Leger, Robert, 4,511,369, Cl. 44-62.000.

Durand, Jean-Pierre; Dawans, Francois; Damin, Bernard; and Leger, Robert, 4,503,182, Cl. 524-474.000.

Damm, Norbert: *See—*

Kobel, Alfons; Damm, Norbert; and Geiger, Werner, 4,529,026, Cl. 164-37.000.

Kobel, Alfons; and Damm, Norbert, 4,538,664, Cl. 164-37.000.

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  - Lim, Franklin, 4,495,288, Cl. 435-241.000.
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  - Beckman, John A.; and Sills, David E., 4,552,544, Cl. 464-162.000.
  - Belter, Jerome G., 4,518,168, Cl. 277-235.00B.
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  - Hinkle, Donald H., 4,507,837, Cl. 29-262.000.
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  - Jester, Terry L., 4,561,325, Cl. 74-745.000.
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  - Royle, Stephen D., 4,502,510, Cl. 138-45.000.
  - Schildt, Walter C., 4,523,917, Cl. 474-19.000.
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  - Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.
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  - Beierholm, Hans M.; and Thun, Niels, 4,547,842, Cl. 363-35.000.
  - Blohm, Knud; and Krogh, Egon, 4,538,717, Cl. 192-0.094.
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  - Eskildsen, Christian, 4,548,239, Cl. 137-625.680.
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  - Jensen, Hans-Erik K.; Abildgaard, Niels; and Nielsen, Steen H., 4,545,259, Cl. 73-861.280.
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  - Kuckelhahn, Kjeld, 4,514,678, Cl. 318-807.000.
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  - Vind, Holger V., 4,547,825, Cl. 361-22.000.
  - von Huth Smith, Ulf M., 4,505,110, Cl. 60-384.000.
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- Dang, Nguyen. Two part piston assembly. 4,515,114, 5-7-85, Cl. 123-48.00B.
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- D'Angelo, Kenneth R.; and Childress, Timothy T., to Scan-Optics, Inc. Document handling device. 4,524,963, 6-25-85, Cl. 271-3.100.
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- Dangers, Gerard: *See—*
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- Danico, Henry F., to TRW Inc. Closure and method for an aperture. 4,560,083, 12-24-85, Cl. 220-307.000.
- Daniel, Bonnie J.: *See—*
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- Daniel, Brady R.: *See—*
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- Daniel, Daniel S.: *See—*
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- Daniel, Helmut: *See—*
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- Daniel Industries, Inc.: *See—*
  - Hinojosa, Alberto L.; Kim, Kee; and Chickering, Kenton, III, 4,512,359, Cl. 137-315.000.
- Daniel, Jean-Claude: *See—*
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- Daniel, Wayne, to SW Daniel, Inc. Suppressor. 4,530,417, 7-23-85, Cl. 181-223.000.
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  - Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., 4,507,315, Cl. 514-396.000.
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- Daniels, Jean G., to Monahan, William Jay, a part interest. Lawn furniture covering. 4,518,198, 5-21-85, Cl. 297-229.000.
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  - Hendrix, James E.; and Daniels, John Y., 4,507,350, Cl. 428-196.000.
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- Dapkus, John G. Explosive target. 4,498,677, 2-12-85, Cl. 273-380.000.
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- Darden, Jerome W., to Texaco Inc. High lead solder corrosion inhibitors. 4,561,990, 12-31-85, Cl. 252-75.000.
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  - Bonzer, Richard C.; and Greene, Frederick C., 4,559,669, Cl. 16-44.000.
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  - Jackson, Winston J., Jr.; and Darnell, William R., 4,507,256, Cl. 264-54.000.
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  - Grusin, Gerald M., 4,512,497, Cl. 220-369.000.
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  - Converse, Alvin O.; and Grethlein, Hans E., 4,556,430, Cl. 127-36.000.
  - Walsh, John E., 4,540,936, Cl. 324-61.00P.
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- Darwall, Edward C. D.: *See*—
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  - McWilliams, Donald E.; Melle, Carl A.; and Das, Balbhadra, 4,518,653, Cl. 428-378.000.
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Dasovich, Barney A. Reversible high-hat cymbal stand. 4,497,238, 2-5-85, Cl. 84-421.000.

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  Mason, James W., 4,517,316, Cl. 521-81.000.

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  Williams, Daniel E.; Carley, John J.; and Eaton, Paul S., 4,517,410, Cl. 179-6.040.

Data Bind Inc.: *See—*
  Waldman, Morton, 4,527,923, Cl. 402-75.000.

Data Card Corporation: *See—*
  Gabel, Edward R.; Puumala, Edward J.; and LeVasseur, Rodney J., 4,518,853, Cl. 235-449.000.
  Polad, Michael D.; Gerlach, LeRoy E.; and Schmidt, Robert H., 4,555,610, Cl. 219-121.0LA.
  Warwick, Dennis J.; Nubson, Richard C.; and Howes, Ronald B., Jr., 4,519,600, Cl. 271-4.000.

Data Chem., Inc.: *See—*
  Shah, Ramesh M.; and Ridgway, Thomas H., 4,532,414, Cl. 219-308.000.

Data Electronics, Inc.: *See—*
  Georgens, Harold H.; and Brokaw, A. Ray, 4,498,112, Cl. 360-96.500.
  Olmsted, Dennis R., 4,556,923, Cl. 360-93.000.
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  Bachman, Brett L.; Nealon, James T.; and Young, Charles J., 4,493,025, Cl. 364-200.000.
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  Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.
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  Farber, David A.; Bachman, Brett; Pilat, John F.; and Wallach, Walter A., Jr., 4,516,203, Cl. 364-200.000.
  Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
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  - Holland, Charles J.; Holberger, Kenneth D.; Epstein, David I.; Reilly, Paul; and Rosen, Josh, 4,554,627, Cl. 364-200.000.
  - Houseman, David L., 4,513,368, Cl. 364-200.000.
  - Houseman, David L.; and Bowden, Paul, 4,559,618, Cl. 365-49.000.
  - Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.
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  - Wood, Jonathan R., 4,532,435, Cl. 307-265.000.
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  - Ziegler, Michael L.; Marshall, Peter G.; and Whipple, David L., 4,513,372, Cl. 364-200.000.
- Data, Harry L.: *See—*
  - Riggs, Peter P.; Data, Harry L.; and Hoganson, Robert B., Jr., 4,534,162, Cl. 57-217.000.
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  - Reece, John M.; Martin, Robert G.; and Franzel, John R., 4,510,572, Cl. 364-489.000.
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  - Lyman, George F.; and Lowry, Alan, 4,495,289, Cl. 435-284.000.
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  - Alsobrook, Lawrence C., 4,540,133, Cl. 242-71.800.
- Data Vu Company: *See—*
  - Brown, Eugene C., 4,529,268, Cl. 350-276.00R.
- Databar Corporation: *See—*
  - Winter, Arthur J., 4,521,678, Cl. 235-472.000.
  - Winter, Arthur J.; and Larson, Rodney L., 4,550,247, Cl. 235-472.000.
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  - Cohen, Albert E.; Hance, William G.; Moir, Ian; Lane, Thao; and Caussarieu, Frederic, 4,525,830, Cl. 370-60.000.
- Datacopy Corporation: *See—*
  - Lindberg, Charles A.; Maclay, William R.; and Merritt, Lauren V., 4,543,621, Cl. 360-77.000.
  - Merritt, Lauren V.; and Maclay, William R., 4,513,332, Cl. 360-77.000.
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  - Gibbard, David W., 4,493,290, Cl. 119-51.00R.
- Datafile Limited: *See—*
  - Barber, Donald T., 4,523,776, Cl. 283-39.000.
- Datakey, Inc.: *See—*
  - Flies, William P., 4,549,076, Cl. 235-382.000.
  - Wehrmacher, William H., 4,522,456, Cl. 339-17.00R.
- Datapic Systems, Inc.: *See—*
  - Neuburger, Werner; and Gabor, Martin P., 4,505,061, Cl. 40-489.000.
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  - Cassese, Samuel E.; and Marquez, Walter, 4,546,908, Cl. 226-74.000.
  - Jezbera, Val K., 4,497,110, Cl. 29-602.00R.
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  - Wolf, Peter H.; Dobson, Thomas A.; and Rozo, Rafael, 4,524,259, Cl. 219-69.00R.
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  - Allen, Richard M.; Arnold, Jeffrey M.; Field, Joseph J.; and Spraker, Terry E., 4,536,770, Cl. 346-29.000.
  - Mans, Thomas A., 4,539,999, Cl. 128-696.000.
  - Wolvek, Sidney; Hanson, Bruce L.; and Lucas, John J., 4,531,512, Cl. 128-1.00D.
  - Wolvek, Sidney, 4,540,404, Cl. 604-96.000.
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  - Rademakers, Petrus J., 4,498,877, Cl. 441-23.000.
- D'Atre, John D.: *See—*
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- Datta, Pabitra, to RCA Corporation. High-density information disc lubricants. 4,560,601, 12-24-85, Cl. 428-64.000.
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- Datta, Ravi, to Skyswitch Satellite Communications. Satellite ground station. 4,491,969, 1-1-85, Cl. 455-75.000.
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- Datwyler, Walter; and Meister, Leo, to SIG Swiss Industrial Company. Method and apparatus for operating a d.c. motor. 4,506,200, 3-19-85, Cl. 318-493.000.
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  - Franz, Reinhard; Dittmar, Wilfried; and Daubach, Gunter, 4,513,365, Cl. 364-140.000.
- Daubendiek, Richard L.: *See—*
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- Daubenmier, John A.; and Boueri, Elias T., to Ford Motor Company. Forward drive release system for automatic transmission. 4,514,811, 4-30-85, Cl. 364-424.100.
- Daubert Coated Products Inc.: *See—*
  - Coughlan, Raymond T.; and Bojarski, Suzette M., 4,533,600, Cl. 428-414.000.
- Daubon, Charles E. Level clamp apparatus. 4,513,955, 4-30-85, Cl. 269-41.000.
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  - Claes, Paul; Dauby, Christian; Dupont, Camille; and Van Cangh, Luc, 4,557,743, Cl. 65-29.000.
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  - Morrison, Andrew D.; and Daud, Taher, 4,522,661, Cl. 148-33.200.
- Daudelin, Douglas S., to AT&T Bell Telephone Laboratories. Variable cycle-time microcomputer. 4,509,120, 4-2-85, Cl. 364-200.000.
- Daudt, Stephen W.; Gleason, George W.; Hermanson, William C.; and Olsen, Arthur A., to Ball Corporation. Glassware gauging system. 4,553,217, 11-12-85, Cl. 364-560.000.
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- Daugherty, Estes M. Drill steel idler guide. 4,500,141, 2-19-85, Cl. 308-4.00R.
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  - Otto, William C.; and Daugherty, Norman E., 4,509,027, Cl. 335-201.000.
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- Daughton, James M., to Honeywell Inc. Circuit chip. 4,506,139, 3-19-85, Cl. 219-209.000.
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  - Schnell, Peter; Bihimayer, Gustav; and Daume, Dietrich, 4,543,145, Cl. 156-231.000.
- Daumer, Rolf; Feldmann, Ekkehard; Person, Martin; Wild, Ernst; and Zechnall, Martin, to Robert Bosch GmbH. System for damping bucking oscillations of an automobile engine. 4,527,523, 7-9-85, Cl. 123-419.000.
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  Schapira, Joseph; Ken, Victor; and Dauptain, Jean-Loup, 4,497,666, Cl. 148-6.15R.
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  Davis, Leland L., 4,495,069, Cl. 210-114.000.
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  Smith, Paul B., 4,519,653, Cl. 303-89.000.
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  Germano, Carmen P.; and Davenport, John M., 4,538,087, Cl. 310-332.000.
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Davenport, Kenneth G.; and Hilton, Charles B., to Celanese Corporation. Process for producing N-acyl-hydroxy aromatic amines. 4,524,217, 6-18-85, Cl. 564-223.000.
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  Funk, Roger C., 4,529,000, Cl. 137-99.000.
Davey, William L. E.: *See—*
  Couch, Alan T.; Cruickshank, Terence D.; Davey, William L. E.; Marshall, Anthony R.; Tydd, Christopher B.; and Wakeford, David R., 4,556,017, Cl. 122-4.00D.
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Davich, Luke J.; Erickson, Jack A.; and Proulx, Richard W., to Federal Cartridge Corporation. Shotshell casing with partially telescoped basewad. 4,514,352, 4-30-85, Cl. 264-230.000.
David, Agoston: *See—*
  Kulcsar, Gabor; Sebestyen, Gyula; David, Agoston; and Zilahi, Tibor, 4,501,732, Cl. 424-114.000.
  Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, 4,495,189, Cl. 514-258.000.
David, Allan P.: *See—*
  Bindra, Perminder S.; David, Allan P.; Galasco, Raymond T.; Gasdik, Charles E.; Light, David N.; and Pickar, Paul B., 4,540,473, Cl. 204-52.00R.
David, Bernard; and Pigeon, Michel, to Commissariat a l'Energie Atomique. Process and device for inspecting a surface in simulated manner which differs from the real surface scanning by an eddy current transducer. 4,555,664, 11-26-85, Cl. 324-225.000.
David, Bernard; Peltre, Gabriel; and Mecheri, Salah, to Institut Pasteur. Protein product, process for making it and pharmaceutical composition containing said protein. 4,559,230, 12-17-85, Cl. 424-91.000.
David, Bernd: *See—*
  Griesenbrock, Karl-Heinz; David, Bernd; and Petersen, Carsten, 4,506,764, Cl. 187-9.00E.
David Brown Tractors Ltd.: *See—*
  Williams, Frederick; and Coe, Anthony D., 4,498,839, Cl. 414-686.000.
  Williams, Frederick; and Coe, Anthony D., 4,522,554, Cl. 414-686.000.
David, Chris A. Game device. 4,548,413, 10-22-85, Cl. 273-186.00A.
David Clark Company Incorporated: *See—*
  Poole, Forrest R.; and Hansen, David G., 4,531,516, Cl. 128-89.00R.
David, Constant V. Training and care apparatus for horses. 4,535,724, 8-20-85, Cl. 119-29.000.
David, Constant V. Water saving insert for toilet tank. 4,543,674, 10-1-85, Cl. 4-415.000.
David, Constant V. Dice and games. 4,546,978, 10-15-85, Cl. 273-146.000.
David, Constant V. Continuous pipeline fabrication method. 4,558,971, 12-17-85, Cl. 405-158.000.
David, Constant V. Macerator-decanter. 4,560,473, 12-24-85, Cl. 210-173.000.
David, Constant V. Dual flush toilet for water saving. 4,561,131, 12-31-85, Cl. 4-326.000.
David, Constant V. Free piston external combustion engines. 4,561,252, 12-31-85, Cl. 60-595.000.
David, Constant V. Bar riding wheel. 4,561,656, 12-31-85, Cl. 273-110.000.
David, Donald M.; and Morris, Gene R., to Hornady Manufacturing Co. Shell loader. 4,526,084, 7-2-85, Cl. 86-38.000.
David, Edward H., Jr.: *See—*
  Zehl, Otis G.; Price, Michael G.; and David, Edward H., Jr., 4,503,382, Cl. 324-77.00K.
  Zehl, Otis G.; Price, Michael G.; David, Edward H., Jr.; and Kremen, Jerome C., 4,503,388, Cl. 324-77.00K.
David, Eugene C.: *See—*
  Stump, Lee E.; David, Eugene C.; and Boehne, Dale, 4,527,359, Cl. 51-138.000.
David, Gary L.; and Harrington, David W. Grain auger closing spout. 4,540,086, 9-10-85, Cl. 198-536.000.
David, Gerard R.; Vallee, Jean-Claude; and Caret, Jacky, to U.S. Philips Corporation. V-MOS field effect transistor. 4,503,449, 3-5-85, Cl. 357-23.400.
David, Guy A. J.: *See—*
  Grima, Jean-Claude; Pando, Bernard; and David, Guy A. J., 4,520,479, Cl. 370-84.000.
David, Jean: *See—*
  Chollet, Christian; and David, Jean, 4,516,425, Cl. 73-198.000.
David, John C.; and Ryon, Ward E., to Fleischer Manufacturing, Inc. Attachment for removing residue in front of a planter. 4,550,122, 10-29-85, Cl. 172-158.000.
David L. Durfee, Jr.: *See—*
  Durfee, David L., Jr., 4,545,122, Cl. 30-383.000.
David, Lawrence D., to Celanese Corporation. Production of metastable tetragonal zirconia. 4,520,114, 5-28-85, Cl. 501-12.000.
David nee Kenez, Maria: *See—*
  Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor; David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, 4,556,563, Cl. 514-258.000.
David, Paul-Johannes: *See—*
  Wolters, Johannes; David, Paul-Johannes; and Heller, Monika, 4,505,875, Cl. 376-283.000.
David, Samuel: *See—*
  Thies, Peter W.; and David, Samuel, 4,526,991, Cl. 549-363.000.
David, Stan A.; and Woodhouse, John J., to United States of America, Energy. Assembly for testing weldability of sheet metal. 4,499,758, 2-19-85, Cl. 73-159.000.
David, Stephen T.; Brooke, Dana; and Gallian, Claude E., to Mead Johnson & Company. Sustained release tablet containing at least 95 percent theophylline. 4,547,358, 10-15-85, Cl. 424-14.000.
David, Tom, to Tom David, Inc. Condiment grinder-dispenser. 4,509,698, 4-9-85, Cl. 241-169.100.
David, Wallace M.: *See—*
  Bowling, James A.; and David, Wallace M., 4,498,390, Cl. 101-365.000.
Davidenko, Nikolai I.: *See—*
  Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.
Davidescu, Reghina; de Ceglie, Gaetano J.; Jacquett, Harold W.; and Paluzzi, Joseph A., to General Foods Corporation. Process for preparing a liquid aroma and aromatizing a dry coffee substrate with same. 4,551,345, 11-5-85, Cl. 426-594.000.
Davidge, Peter C.: *See—*
  Alderton, Geoffrey W.; and Davidge, Peter C., 4,516,966, Cl. 494-1.000.
Davidge, Ronald V.: *See—*
  Barker, Robert B.; Davidge, Ronald V.; Gibson, David K.; and Van Cleave, George W., 4,519,700, Cl. 355-3.0SH.

Davidian, Michael, to Davidian, Michael. Method of preventing corrosion of a metal casket. 4,520,043, 5-28-85, Cl. 427-239.000.
Davidovitch, Jecheskel. Driving mechanism for vehicle propelled by human muscle power. 4,544,174, 10-1-85, Cl. 280-255.000.
Davidovits, Joseph; and Sawyer, James L., to Pyrament Inc. Early high-strength mineral polymer. 4,509,985, 4-9-85, Cl. 106-84.000.
Davids, Joseph: *See—*
  Silvestri, George J., Jr.; and Davids, Joseph, 4,557,113, Cl. 60-693.000.
Davids, Martin; Blackman, Peter; and Teo, Lily, to Reuters Ltd. Conversational video system. 4,525,779, 6-25-85, Cl. 364-200.000.
Davids, Martin: *See—*
  Baldry, Kenneth; and Davids, Martin, 4,555,781, Cl. 370-60.000.
Davids, Robert E., to International Game Technology. Three dimensional video screen display effect. 4,517,558, 5-14-85, Cl. 340-700.000.
Davidsmeyer, Walter F. Injection nozzle with direct electric heating. 4,514,160, 4-30-85, Cl. 425-143.000.
Davidson, Alvin L., to Guy E. Lane. Oil well drilling rig assembly and apparatus therefor. 4,547,110, 10-15-85, Cl. 414-22.000.
Davidson, Arthur: *See—*
  Chi, Cheng-Chung J.; Davidson, Arthur; and Tsuei, Chang-Chyi, 4,496,854, Cl. 307-306.000.
  Faris, Sadeg M.; Moskowitz, Paul A.; Davidson, Arthur; and Sai-Halasz, George A., 4,498,046, Cl. 324-158.00F.
Davidson, Brian Y., to Loblaw Companies Limited. Price marking system. 4,529,871, 7-16-85, Cl. 235-383.000.
Davidson, Charles: *See—*
  Larson, Ove; and Davidson, Charles, 4,494,417, Cl. 74-469.000.
Davidson, Christopher D., to Varian Associates, Inc. Regulated DC to DC converter. 4,559,590, 12-17-85, Cl. 363-21.000.
Davidson, Dale D., to Sperry Corporation. Servomotor feedback fault detector. 4,536,689, 8-20-85, Cl. 318-565.000.
Davidson, Donald J.; and Sheill, David D., to Rockwell International Corporation. Disc brake. 4,502,572, 3-5-85, Cl. 188-72.800.
Davidson, Donald J.; and Sheill, David D., to Rockwell International Corporation. Braking piston for a disc brake. 4,503,946, 3-12-85, Cl. 188-71.900.
Davidson, Donald J., to Rockwell International Corporation. Disc brake friction pad support and biasing assembly. 4,527,668, 7-9-85, Cl. 188-73.380.
Davidson, Donald J.: *See—*
  Sheill, David D.; Davidson, Donald J.; and Dettloff, David J., 4,548,300, Cl. 188-73.100.
Davidson, Douglass S.: *See—*
  Frommer, Jane E.; Elsenbaumer, Ronald L.; and Davidson, Douglass S., 4,511,494, Cl. 252-518.000.
Davidson, Eric H.: *See—*
  Britten, Roy J.; and Davidson, Eric H., 4,500,786, Cl. 250-389.000.
Davidson, James R., to Xerox Corporation. Sheet transport system. 4,552,448, 11-12-85, Cl. 355-3.0SH.
Davidson, Jimmy L.: *See—*
  Sulouff, Robert E.; Hartin, Sam S.; Cook, Koy B.; Kerns, David V., Jr.; Davidson, Jimmy L.; and Warren, Keith O., 4,522,072, Cl. 73-765.000.
Davidson, John J.: *See—*
  Heffner, Robert E.; and Davidson, John J., 4,544,475, Cl. 204-300.0EC.
Davidson, Katharine H. Head harness for glasses. 4,515,449, 5-7-85, Cl. 351-156.000.
Davidson, Lewis; Lees, Brian; and Lytra, Eric K., to Gestetner Manufacturing Limited. Duplicating stencil. 4,515,077, 5-7-85, Cl. 101-127.000.
Davidson, Murray J.; and Chetland, John E., to Repco Engineering (NZ) Limited. Post mounting assembly. 4,557,449, 12-10-85, Cl. 248-160.000.
Davidson, Richard L. Firewood storing and dispensing apparatus. 4,540,107, 9-10-85, Cl. 221-194.000.
Davidson, Robert I., to Ethyl Corporation. Nitrile purification. 4,541,961, 9-17-85, Cl. 260-465.00G.
Davidson, Robert I., to Ethyl Corporation. Aryl coupling process. 4,544,509, 10-1-85, Cl. 260-465.00G.
Davidson, Theodore: *See—*
  Bolte, Steven B.; Brewington, Grace T.; Davidson, Theodore; Koehler, Richard F., Jr.; and Martin, Robert G., 4,497,570, Cl. 355-16.000.
Davidson, Thomas A.; and Murray, Robert J., to Pennwalt Corporation. Pyrrolo[1,2-a]imidazoles and imidazo[1,2-a]pyridines. 4,507,481, 3-26-85, Cl. 546-121.000.
Davidson, Thomas A.; and Murray, Robert J., to Pennwalt Corporation. Process for preparing novel 7-thioester derivatives of 3H pyrrolo [1,2-a]-imidazole and 8-thioester derivatives of imidazo [1,2-a] pyridine. 4,551,535, 11-5-85, Cl. 546-121.000.
Davidson, Thomas A., and Murray, Robert J., to Pennwalt Corporation. Process for preparing pyrrolo[1,2-a]imidazoles and imidazo[1,2-a]pyridines. 4,560,758, 12-24-85, Cl. 546-121.000.
Daviduk, Nicholas; Owen, Hartley; and Wright, Bernard S., to Mobil Oil Corporation. Control system for catalytic conversion of olefins to heavier hydrocarbons. 4,544,788, 10-1-85, Cl. 585-501.000.
Davies, Alan; McCabe, Joseph H., III; and Kopil, Steven J., to E. W. Saybolt & Co., Inc. Self leveling device. 4,502,224, 3-5-85, Cl. 33-1.00V.
Davies, Alan F., to Davies Office Equipment, Ltd. Visible file pocket support panel. 4,551,934, 11-12-85, Cl. 40-535.000.
Davies, Anthony R., to VFP Fluid Power Limited. Diaphragm pumps. 4,540,346, 9-10-85, Cl. 417-273.000.
Davies, Bryan T., to Chevron Research Company. Method and apparatus for controlling a rotating biological contactor. 4,504,393, 3-12-85, Cl. 210-614.000.
Davies, David A., to Automotive Products plc. Friction clutch driven plate. 4,537,297, 8-27-85, Cl. 192-106.200.
Davies, David G., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Double base propellant compositions. 4,521,261, 6-4-85, Cl. 149-92.000.
Davies, David H.; and Evanicky, Daniel E., to Minnesota Mining and Manufacturing Company. Cover assembly for optical recording medium. 4,499,477, 2-12-85, Cl. 346-137.000.
Davies, David L., to Hughes Tool Company. Tubing pressurized firing apparatus for a tubing conveyed perforating gun. 4,554,981, 11-26-85, Cl. 175-4.520.
Davies, Gareth M.: *See—*
  Jung, Frederic H.; and Davies, Gareth M., 4,492,692, Cl. 424-246.000.
  Jung, Frederic H.; and Davies, Gareth M., 4,504,478, Cl. 514-202.000.
Davies, Gwilym R., to Imperial Chemical Industries PLC. Method of preparing tetrahalobenzene compounds. 4,492,617, 1-8-85, Cl. 204-73.00R.
Davies, James F.; Hight, Andrew T.; and Lee, Robert S., to Lever Brothers Company. Fabric washing process and detergent composition for use therein. 4,530,774, 7-23-85, Cl. 252-108.000.
Davies, James F.; Leigh, Arthur G.; and Rennie, George K., to Lever Brothers Company. Method and device for conditioning fabrics in a tumble-dryer. 4,532,719, 8-6-85, Cl. 34-12.000.
Davies, James F.: *See—*
  Clarke, David E.; Davies, James F.; Smart, Colin; and Tune, John B., 4,555,354, Cl. 252-90.000.
Davies, Jeffrey N., to Allied Corporation. Electrical push-pull connector. 4,493,520, 1-15-85, Cl. 339-91.00P.
Davies, Jeffrey W.: *See—*
  Markham, Peter G.; Townsend, Rodney; and Davies, Jeffrey W., 4,517,177, Cl. 424-93.000.
Davies, John R.; and Rice, Glen V. Ankle splint. 4,505,269, 3-19-85, Cl. 128-87.00R.
Davies, Lawrence W., to Omniglass Ltd. Corner member for a spacer strip for a sealed window unit. 4,551,364, 11-5-85, Cl. 428-34.000.
Davies, Michael L.: *See—*
  Buckner, Arthur B.; Davies, Michael L.; and Weber, Lawrence W., 4,517,880, Cl. 98-1.000.
Davies, Neil A.; and Hughes, Edward T. E., to U.S. Philips Corporation. Semiconductor devices and a solder for use in such devices. 4,504,849, 3-12-85, Cl. 357-67.000.
Davies, Norman: *See—*
  Milianowicz, Stanislaw A.; Davies, Norman; and Wallace, Charles K., 4,491,704, Cl. 200-144.00B.
Davies Office Equipment, Ltd.: *See—*
  Davies, Alan F., 4,551,934, Cl. 40-535.000.
Davies, Peter: *See—*
  Ball, Kevin D.; and Davies, Peter, 4,517,678, Cl. 373-95.000.
Davies, Richard A.; Lee, Michael W.; Rodenberger, Frank A.; Hill, James R.; Kulavich, David P.; and Sowell, Donald L., to Goodyear Tire & Rubber Company, The. Bead jamming or crimping method. 4,496,411, 1-29-85, Cl. 156-136.000.
Davies, Richard E. Winding apparatus. 4,538,772, 9-3-85, Cl. 242-18.00R.
Davies, Robert B.; Miller, Ira; and Dotson, Robert N., to Motorola, Inc. Current ramp generator. 4,504,928, 3-12-85, Cl. 365-11.000.
Davies, Robert B., to Motorola, Inc. Current ratioing device structure. 4,513,306, 4-23-85, Cl. 357-36.000.
Davies, Robert B., to Motorola, Inc. Crossunder within an active device. 4,521,799, 6-4-85, Cl. 357-51.000.
Davies, Robert B.; Miller, Ira; and Dotson, Robert N., to Motorola, Inc. Propagation delay generator. 4,554,464, 11-19-85, Cl. 307-265.000.
Davies, Robert B.: *See—*
  Dotson, Robert N.; Davies, Robert B.; and Miller, Ira, 4,514,648, Cl. 307-350.000.
  Miller, Ira; and Davies, Robert B., 4,533,844, Cl. 307-530.000.
Davies, Stephen P.; and Thompson, Morice W., to Imperial Chemical Industries PLC. Polymerization process. 4,539,362, 9-3-85, Cl. 524-458.000.
Davies, William, to J. C. Renfroe and Sons, Inc. Lifting clamp locking mechanism with push button release handle. 4,498,699, 2-12-85, Cl. 294-101.000.
Davies, William: *See—*
  Renfroe, Charles J.; and Davies, William, 4,492,401, Cl. 294-101.000.
Davignon, Paul A.; and Duclos, Michael G., to American Optical Corporation. Dead stop for collet chucks. 4,505,487, 3-19-85, Cl. 279-1.00S.
Davila, Jose E.: *See—*
  Giebelhausen, Charles W.; and Davila, Jose E., 4,493,454, Cl. 232-15.000.
Davio, Franklin J.: *See—*
  Rasmussen, Donald O.; Chow, William C.; and Davio, Franklin J., 4,520,970, Cl. 242-195.000.
Davis, Aaron J., to Mobil Oil Corporation. Linear prediction coding for compressing of seismic data. 4,509,150, 4-2-85, Cl. 367-76.000.
Davis, Alan H., to Combined America Industries, Inc. Fire rated component wall system. 4,501,101, 2-26-85, Cl. 52-404.000.
Davis, Alan R., to Eaton Corporation. Variable mechanical advantage shift lever. 4,497,396, 2-5-85, Cl. 192-53.00E.

Davis, Alan R.: *See—*
  Reynolds, Joseph D.; and Davis, Alan R., 4,515,029, Cl. 74-339.000.
Davis, Albert P., Jr.; Knight, Orien M.; and Stoltz, John W., to Exxon Production Research Co.; and Gearhart Industries, Inc. Drill string sub with self closing cable port valve. 4,506,729, 3-26-85, Cl. 166-65.00M.
Davis, Albert P., Jr.; and Robinson, Leon H., to Exxon Production Research Co. Connector for providing electrical continuity across a threaded connection. 4,537,457, 8-27-85, Cl. 339-117.00P.
Davis, Ann C.: *See—*
  Keggins, Kathleen M.; Davis, Ann C.; Sybert, Edward M.; Mays, Thomas D.; and Milch, Robert A., 4,544,637, Cl. 435-253.000.
Davis, Ariel R.: *See—*
  Clegg, John C.; and Davis, Ariel R., 4,508,996, Cl. 315-224.000.
Davis, Bayard C., to XCO International, Inc. Heat sensitive cable. 4,491,822, 1-1-85, Cl. 338-26.000.
Davis, Bayard C., to XCO International, Inc. Heat sensitive cable. 4,540,972, 9-10-85, Cl. 338-26.000.
Davis, Bender A.; and Louw, Hendrik A., to Carvalette Services Africa (Proprietary) Limited. Guide rail for sliding assembly. 4,533,173, 8-6-85, Cl. 296-216.000.
Davis, Bennie I. Folding fishing net. 4,492,052, 1-8-85, Cl. 43-12.000.
Davis, Bob: *See—*
  Williams, Robert M.; and Davis, Bob, 4,493,383, Cl. 175-234.000.
Davis, Bobby V. Mailbox signaling device. 4,492,335, 1-8-85, Cl. 232-35.000.
Davis, Boyce W. Seed delinter. 4,520,529, 6-4-85, Cl. 19-41.000.
Davis, Bryan T.; and Chen, Jackson C., to Ethyl Corporation. Lubricating oil composition containing a dialkyl dithiocarbamate-modified EPDM viscosity index improver. 4,502,972, 3-5-85, Cl. 252-47.000.
Davis, Burns; and Barbee, Robert B., to Eastman Kodak Company. Polyester resins capable of forming containers having improved gas barrier properties. 4,560,741, 12-24-85, Cl. 528-302.000.
Davis, Burns: *See—*
  Barbee, Robert B.; Bass, Roy K.; Davis, Burns; and Minnick, Larry A., 4,501,879, Cl. 528-288.000.
  Barbee, Robert B.; and Davis, Burns, 4,518,763, Cl. 528-173.000.
  Barbee, Robert B.; and Davis, Burns, 4,546,170, Cl. 528-302.000.
Davis, Burton I.: *See—*
  Spurling, Robert A.; Davis, Burton I.; and Taylor, Norman G., 4,513,537, Cl. 51-71.000.
Davis, Burtron H.: *See—*
  Baumert, Kenneth L.; Sagues, Alberto A.; and Davis, Burtron H., 4,511,453, Cl. 208-8.0LE.
  Baumert, Kenneth L.; Sagues, Alberto A.; and Davis, Burtron H., 4,511,460, Cl. 208-348.000.
  Baumert, Kenneth L.; Sagues, Alberto A.; Davis, Burtron H.; and Schweighardt, Frank K., 4,514,281, Cl. 208-47.000.
Davis, C. Arthur. Variable leverage oil field pump jack. 4,492,126, 1-8-85, Cl. 74-41.000.
Davis, C. Paul, to PerfectData Corporation. Non-abrasive magnetic head cleaning system. 4,498,114, 2-5-85, Cl. 360-128.000.
Davis, Calvin B.: *See—*
  Gaffar, Abdul; Davis, Calvin B.; and Vasers, Margita L., 4,514,382, Cl. 424-54.000.
  Gaffar, Abdul; Davis, Calvin B.; Donohue, John J.; and Moy, Debbie, 4,537,765, Cl. 424-53.000.
Davis, Charles E., to CF Industries, Inc. Cleaning assembly for a dryer feed chute. 4,494,647, 1-22-85, Cl. 198-494.000.
Davis, Charles J.: *See—*
  Brandon, Ralph E.; Davis, Charles J.; Ring, Michael; and Swenson, Roy S., 4,512,849, Cl. 162-157.200.
Davis, Charles L.; Fegley, Charles R.; and Moll, Jack H., Jr., to AT&T Technologies, Inc. Feeding articles to successive stations for treatment. 4,502,215, 3-5-85, Cl. 29-874.000.
Davis, Charles L.: *See—*
  Bachmann, G. Merle; Davis, Charles L.; and Morgan, Annis R., Jr., 4,551,935, Cl. 40-584.000.
  Deeken, William O.; and Davis, Charles L., 4,495,126, Cl. 264-137.000.
Davis, Charles S., to Knoll International, Inc. Lighting fixture utilizing a multi-layered hologram as a lens element. 4,536,833, 8-20-85, Cl. 362-293.000.
Davis, Clerie R., executor: *See—*
  Davis, Robert K., deceased, 4,562,125, Cl. 429-65.000.
Davis, Clifford, to Jasper, Edward D.; and Bohm, Rolland. Muzzle loading firearm. 4,503,633, 3-12-85, Cl. 42-51.000.
Davis, Clint A.; and Trail, Melvin P., to Beckworth Davis International, Inc. Microprocessor controlled welding apparatus. 4,561,059, 12-24-85, Cl. 364-477.000.
Davis, Colin E.: *See—*
  Hart, Ronald L.; Work, Dale E.; and Davis, Colin E., 4,536,524, Cl. 523-176.000.
Davis, Curry B., and Frade, Americo G. P., to Arizona Chemical Company. Tall'oil fatty acids-quality improvement. 4,536,332, 8-20-85, Cl. 260-97.600.
Davis, Cynthia E.: *See—*
  Brown, William B.; and Davis, Cynthia E., 4,548,967, Cl. 524-56.000.
Davis, Dale M.; and Robbins, John C. Highly accurate projectile for use with small arms. 4,517,898, 5-21-85, Cl. 102-514.000.
Davis, Darrell E.: *See—*
  Victor, Alan M.; and Davis, Darrell E., 4,512,035, Cl. 455-165.000.
  Victor, Alan M.; and Davis, Darrell E., 4,551,856, Cl. 455-183.000.
Davis, Dean I.: *See—*
  Bursh, Talmage P., Jr.; Davis, Dean I.; Slominski, John T.; and Swartz, Raymond K., 4,510,346, Cl. 174-36.000.
Davis, Delbert A., to Burlington Industries, Inc. Non-woven fabric for V-belt bead wrap and chafer. 4,501,791, 2-26-85, Cl. 428-286.000.
Davis, Delbert A.: *See—*
  Bruner, Jeffrey W.; Davis, Delbert A.; and Leach, Jack, 4,535,015, Cl. 428-44.000.
  Leach, Jack; and Davis, Delbert A., 4,513,047, Cl. 428-175.000.
Davis, Dennis W.: *See—*
  Spratt, Brendan J.; Pryor, David J.; Jones, James B., Jr.; Davis, Dennis W.; and Frazier, Richard V., Jr., 4,554,547, Cl. 343-7.300.
Davis, Dhu Aine J., to Illinois Precision Corporation. Rotary injection molding press. 4,547,140, 10-15-85, Cl. 425-138.000.
Davis, Douglas A. Limb bundler and bag holder. 4,495,862, 1-29-85, Cl. 100-34.000.
Davis, Duane J., to General Signal Corporation. Piston pump servo control. 4,494,911, 1-22-85, Cl. 417-222.000.
Davis, Duane L. Ratchet device. 4,516,442, 5-14-85, Cl. 74-529.000.
Davis, Dwight P.; and Doherty, Francis G., to Betz Laboratories, Inc. Method for controlling mollusks. 4,561,983, 12-31-85, Cl. 210-755.000.
Davis, Earl K.; Drye, James E.; and Reed, David J., to Motorola, Inc. Glass bonding means and method. 4,515,898, 5-7-85, Cl. 501-15.000.
Davis, Edward L.; and Mowatt-Larssen, Erling, to General American Transportation Corporation. Tank with selectively variable automatic outage. 4,513,795, 4-30-85, Cl. 141-35.000.
Davis, Eugene E.; and Searle, Richard J., to Johnsen & Jorgensen (Plastics) Limited. Tamper-resistant container assembly. 4,541,536, 9-17-85, Cl. 215-252.000.
Davis, Eugene E., to Johnsen & Jorgensen (Plastics) Limited. Container closure with tunnel member. 4,555,035, 11-26-85, Cl. 215-215.000.
Davis, Fred E., III; and Gershoni, Johathan M., to Yale University. Method for electroblotting macromolecules from a chromatographic gel. 4,541,910, 9-17-85, Cl. 204-182.800.
Davis, Frederick J.; and Peacock, Donald G., to Raychem Limited. Production of dimensionally recoverable articles. 4,496,410, 1-29-85, Cl. 156-84.000.
Davis, Gary C., to General Electric Company. Photopatternable dielectric compositions, method for making and use. 4,515,887, 5-7-85, Cl. 430-283.000.
Davis, Gene: *See—*
  Shiff, Max J.; and Davis, Gene, 4,542,446, Cl. 362-122.000.
Davis, George A., Jr.: *See—*
  Joosten, Richard L.; and Davis, George A., Jr., 4,506,491, Cl. 53-426.000.
Davis, George B., to Environmental Air Control, Inc. Compact blower and filter assemblies for use in clean air environments. 4,560,395, 12-24-85, Cl. 55-276.000.
Davis, Gerald B.: *See—*
  Gullett, Edwin P.; Davis, Gerald B.; and Bustos, Rafael T., 4,519,508, Cl. 211-59.200.
Davis, Gerald E., to Atlantic Richfield Company. Production of low silica content, high purity alumina. 4,560,541, 12-24-85, Cl. 423-126.000.
Davis, Gerald E.: *See—*
  Fiala, Peter E.; Davis, Gerald E.; Tuma, Alan J.; and Hart, Jack E., 4,541,595, Cl. 244-129.300.
Davis, Harold E. Portable universal power miter saw workbench. 4,561,336, 12-31-85, Cl. 83-859.000.
Davis, Howard F., to 8-Track Shoe Corp. Shoe outsole. 4,494,320, 1-22-85, Cl. 36-25.00R.
Davis, Jack L., to Winston Products Co. Clamshell basket. 4,502,374, 3-5-85, Cl. 99-349.000.
Davis, James A.: *See—*
  Kang, Jung W.; and Davis, James A., 4,511,628, Cl. 428-457.000.
  Kang, Jung W.; and Davis, James A., 4,551,391, Cl. 428-462.000.
Davis, James C., to Dow Chemical Company, The. Liquid chromatographic method and apparatus with membrane for post-column derivatization. 4,549,965, 10-29-85, Cl. 210-635.000.
Davis, James C.: *See—*
  Cortes, Hernan J.; and Davis, James C., 4,529,521, Cl. 210-635.000.
Davis, James E., to Lenzar Optics Corporation. Adapter for boresight telescope. 4,534,116, 8-13-85, Cl. 33-234.000.
Davis, James K.: *See—*
  Vanderwal, Frank E., Jr.; and Davis, James K., 4,512,116, Cl. 51-347.000.
Davis, James R.; and Hoffend, John C. Modular screen printing apparatus. 4,517,894, 5-21-85, Cl. 101-126.000.
Davis, James R.: *See—*
  Halone, William; and Davis, James R., 4,501,379, Cl. 221-221.000.
  Melton, R. Stanley; and Davis, James R., 4,496,126, Cl. 248-447.200.
Davis, James W.; and Jones, Frank D., to International Business Machines Corporation. Cascoded PLA array. 4,518,874, 5-21-85, Cl. 307-467.000.
Davis, James W.; Leininger, Joel C.; Munoz-Bustamante, Carlos; and Robbins, Gordon J., to International Business Machines Corporation. Switch logic for shift register latch pair. 4,535,467, 8-13-85, Cl. 377-81.000.
Davis, James W.; DiFloria, Thomas J.; and Propst, Larry D., to Mead Corporation, The. Duplex document copying machines. 4,557,474, 12-10-85, Cl. 271-301.000.
Davis, James W.: *See—*
  Weinstein, Richard; Davis, James W.; and Campbell, Robert K., 4,555,058, Cl. 239-223.000.

Davis, Jeffrey J., to Imnetec Inc. Universal vent device and method for ostomy appliances. 4,516,974, 5-14-85, Cl. 604-333.000.

Davis, Jeffrey J., to Berger, Don E., a part interest. Ornamental vibration sensor device for burglar alarm system. 4,559,528, 12-17-85, Cl. 340-566.000.

Davis, John, to Frymaster Corporation, The. Solid state temperature controller. 4,549,527, 10-29-85, Cl. 126-374.000.

Davis, John C.: *See—*

Rica, Albert F.; Davis, John C.; and Reiss, Ronald J., 4,494,363, Cl. 53-426.000.

Davis, John D. Flue cleaner. 4,498,212, 2-12-85, Cl. 15-242.000.

Davis, John E.; Zielke, Terry L.; and Coash, Ronald J., to Reinke Manufacturing Co., Inc. Corner watering system for center pivot irrigation machines. 4,508,269, 4-2-85, Cl. 239-177.200.

Davis, John E.; Zielke, Terry L.; and Coash, Ronald J. Corner watering system for center pivot irrigation machines. 4,549,694, 10-29-85, Cl. 239-710.000.

Davis, John L.: *See—*

Fowler, James C.; Wheatley, Howard S.; and Davis, John L., 4,504,833, Cl. 343-5.0NA.

Davis, Jon F.: *See—*

Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., 4,499,190, Cl. 436-122.000.

Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., 4,529,710, Cl. 436-173.000.

Davis, Joseph, to United Technologies Corporation. Lubrication system. 4,527,911, 7-9-85, Cl. 384-99.000.

Davis, Joseph H.: *See—*

Arenas, Alvaro; Box, John W.; Davis, Joseph H.; and Tataria, Harshad, 4,544,078, Cl. 220-256.000.

Davis, Kevin M.; Wahl, Timothy M.; Beckman, John A.; and Isele, Karl J., Jr., to Nalco Chemical Company. Off-gas monitor for steel processes. 4,509,727, 4-9-85, Cl. 266-44.000.

Davis, Kurtis D. Shear pin hilt for knife. 4,520,566, 6-4-85, Cl. 30-342.000.

Davis, L. Berkley, Jr.; Hilt, Milton B.; and Wilkes, Colin, to General Electric Company. Catalytic combustion system. 4,534,165, 8-13-85, Cl. 60-39.020.

Davis, Larry; and Klein, Joseph T., to Hoechst-Roussel Pharmaceuticals Inc. 6-fluoro-3-[3-(1-heterocyclo)propyl]-1,2-benzisoxazoles. 4,524,209, 6-18-85, Cl. 546-148.000.

Davis, Larry; and Klein, Joseph T., to Hoechst-Roussel Pharmaceuticals Inc. 1-[3-(6-fluoro-1,2-benzisoxazol-3-yl)propyl]-4-(substituted)-piperazines. 4,536,578, 8-20-85, Cl. 544-360.000.

Davis, Larry: *See—*

Effland, Richard C.; Davis, Larry; and Klein, Joseph T., 4,551,474, Cl. 514-309.000.

Davis, Leland L., to Davco, Inc. Drain system for fuel processor apparatus. 4,495,069, 1-22-85, Cl. 210-114.000.

Davis, Leland L., to Davco Manufacturing Corporation. Drain system for fuel processor apparatus. 4,539,109, 9-3-85, Cl. 210-104.000.

Davis, Lester M., deceased; and Davis, Ruth L., executrix. Fishing lure. 4,499,682, 2-19-85, Cl. 43-42.190.

Davis, Lois T.: *See—*

Pillis, Lewis J.; and Davis, Lois T., 4,556,638, Cl. 435-253.000.

Davis, Lorne A., Jr.; and Haskin, Helen K., to Texaco Inc. Two dimensional microwave chemical flood testing means and method. 4,519,982, 5-28-85, Cl. 422-68.000.

Davis, Lorne A., Jr., to Texaco Inc. Method and apparatus for measuring relative permeability and water saturation of a core. 4,543,821, 10-1-85, Cl. 73-153.000.

Davis, Lorne A., Jr.; and Haskin, Helen K., to Texaco Inc. Two dimensional microwave chemical flood testing means and method. 4,560,002, 12-24-85, Cl. 166-252.000.

Davis, Mark F., to DBX, Inc. Loudspeaker system. 4,503,553, 3-5-85, Cl. 381-24.000.

Davis, Mark F., to DBX, Inc. Stereophonic balance control system. 4,503,554, 3-5-85, Cl. 381-28.000.

Davis, Mark F., to DBX, Inc. Adaptive signal weighting system. 4,539,526, 9-3-85, Cl. 330-144.000.

Davis, Mark H.; Meador, Richard A.; and Wisler, Macmillan M., to NL Industries, Inc. Electrical resistivity measurement of a flowing drilling fluid using eddy currents generated therein. 4,536,713, 8-20-85, Cl. 324-324.000.

Davis, Mark S.: *See—*

Fender, Norman N.; and Davis, Mark S., 4,561,592, Cl. 239-587.000.

Davis, Marshall E.; and Sung, Rodney L., to Texaco Inc. Motor fuel composition. 4,561,861, 12-31-85, Cl. 44-51.000.

Davis, Marshall E.: *See—*

Sung, Rodney L.; and Davis, Marshall E., 4,548,616, Cl. 44-77.000.

Davis, Martin I.: *See—*

Ashbeck, Robert M., 4,541,117, Cl. 383-64.000.

Davis, Michael A.: *See—*

Ryan, Patrick J.; Davis, Michael A.; and Melchior, Donald L., 4,544,545, Cl. 424-1.100.

Davis, Michael I.; Garrett, Michael J.; and Wiseman, John A., to International Business Machines Corporation. Electronic assembly with forced convection cooling. 4,513,351, 4-23-85, Cl. 361-384.000.

Davis, Milton W., Jr., to University of South Carolina. Catalyzed hydrogenation and dehydrogenation processes. 4,560,816, 12-24-85, Cl. 585-266.000.

Davis, Murray A. Production of breathing materials. 4,499,511, 2-19-85, Cl. 2-169.000.

Davis, Newton G., to AMP Incorporated. Stripping tool for shielded ribbon cable. 4,527,451, 7-9-85, Cl. 81-9.510.

Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., to AT&T Bell Laboratories. Digital-to-analog converter. 4,539,552, 9-3-85, Cl. 340-347.0DA.

Davis, Paul J.; and Reynolds, James F., to Internationale Octrooi Maatschappij "Octropa" B.V. Method for the control of coccidiosis in poultry. 4,544,548, 10-1-85, Cl. 424-93.000.

Davis, Paul J.; and Reynolds, James F., to Internationale Octrooi Maatschappij "Octropa" B.V. Composition for the control of coccidiosis in poultry. 4,552,759, 11-12-85, Cl. 424-93.000.

Davis, Phillip N. Lock and door reinforcing plate means. 4,522,048, 6-11-85, Cl. 70-417.000.

Davis, Ralph A. Electric bed heating device. 4,491,721, 1-1-85, Cl. 219-217.000.

Davis, Ralph L.: *See—*

Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., 4,560,472, Cl. 210-140.000.

Davis, Randall C. Course correction calculator. 4,499,665, 2-19-85, Cl. 33-1.0SB.

Davis, Randall C.: *See—*

Jackson, L. Robert; Davis, Randall C.; and Taylor, Allan H., 4,512,699, Cl. 411-368.000.

Davis, Raymond E. Safety guard equipped cardboard box cutter. 4,503,612, 3-12-85, Cl. 30-2.000.

Davis, Richard A.: *See—*

Davis, Wilfrid E.; and Davis, Richard A., 4,522,002, Cl. 52-309.100.

Davis, Richard B.: *See—*

Southgate, Peter D.; Fairbanks, David W.; Davis, Richard B.; and Beltz, John P., 4,498,779, Cl. 356-384.000.

Davis, Richard K., to Austin, Ormand R. Datum reference for tool touch probe system. 4,554,495, 11-19-85, Cl. 318-572.000.

Davis, Richard K.; and McKnight, William S., to General Electric Company. Stylus type touch probe system. 4,562,392, 12-31-85, Cl. 318-572.000.

Davis, Robert A.: *See—*

Lamar, Roger H.; and Davis, Robert A., 4,506,514, Cl. 62-91.000.

Davis, Robert B.: *See—*

Null, Michael W.; Dotson, Robert N.; and Davis, Robert B., 4,501,979, Cl. 307-494.000.

Davis, Robert C., to Harris Corporation. Diode-configured Viterbi algorithm error correcting decoder for convolutional codes. 4,545,054, 10-1-85, Cl. 371-43.000.

Davis, Robert E.; Maio, Patrick S.; and Growney, Lawrence J., to Federal Paper Board Co., Inc. Sealed carton with tamper indicating features. 4,508,226, 4-2-85, Cl. 206-620.000.

Davis, Robert E.; and Robertson, Wilbert J., to Kerr-McGee Chemical Corporation. Borax recovery using sodium metaborate and boric acid intermediates. 4,557,913, 12-10-85, Cl. 423-279.000.

Davis, Robert K., deceased (by Davis, Clerie R., executor), to Roper Corporation. Battery hold-down strap and terminal protector. 4,562,125, 12-31-85, Cl. 429-65.000.

Davis, Robert L.: *See—*

Faber, Ulbe; Davis, Robert L.; Fisher, David A.; and McGonagle, Joseph D., 4,558,411, Cl. 364-200.000.

Davis, Roland O., to Santa Barbara Research Center. Low friction pivot. 4,514,016, 4-30-85, Cl. 308-2.00A.

Davis, Ronald P., to Interlock Industries Limited. Supporting stays for swingable windows having friction and sliding pivots. 4,555,829, 12-3-85, Cl. 16-342.000.

Davis, Roy M., to Niagara Machine & Tool Works. Barrier guard for shears, presses and the like. 4,548,095, 10-22-85, Cl. 74-612.000.

Davis, Royston H., to Shell Oil Company. Pesticidal vinyl-tin compounds. 4,504,488, 3-12-85, Cl. 514-493.000.

Davis, Royston H.; Schroeder, Mark E.; and Mitchell, Terence N., to Shell Oil Company. Use of certain vinyl-tin compounds as insecticides. 4,504,489, 3-12-85, Cl. 514-493.000.

Davis, Russell R.: *See—*

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Davis, Ruth A.; Herron, Donn M.; Pervier, James W.; and Vines, Harvey L., to Air Products and Chemicals, Inc. Nitrogen rejection from natural gas integrated with NGL recovery. 4,504,295, 3-12-85, Cl. 62-30.000.

Davis, Ruth L., executrix: *See—*

Davis, Lester M., deceased; and Davis, Ruth L., executrix, 4,499,682, Cl. 43-42.190.

Davis, Sammy G.; and Gulling, Donna C. Method of fabricating dentures. 4,500,291, 2-19-85, Cl. 433-213.000.

Davis, Stanley: *See—*

Stocco, Sam; and Davis, Stanley, 4,516,765, Cl. 271-95.000.

Davis, Stanley S.; and Gaylord, Norman G., to Forest Laboratories, Inc. Prolonged release drug dosage forms based on modified low viscosity grade hydroxypropylmethylcellulose. 4,540,566, 9-10-85, Cl. 424-22.000.

Davis, Stephen J. High voltage nanosecond pulse generator. 4,494,011, 1-15-85, Cl. 307-106.000.

Davis, Thomas: *See—*

Kukes, Simon G.; Hogan, Robert J.; Coombs, Daniel M.; Davis, Thomas; and Efner, Howard F., 4,560,468, Cl. 208-110.000.

Davis, Thomas A., to Exxon Research & Engineering Co. Integrated process for deasphalting heavy oils using a gaseous antisolvent. 4,536,283, 8-20-85, Cl. 208-309.000.

Davis, Thomas H., Jr.; and Glasscock, Stephen D., to Hallmark Cards, Inc. Decorating methods. 4,491,494, 1-1-85, Cl. 156-240.000.

Davis, Thomas J.; and Tomeraasen, Paul L., to United States of America, Air Force. Ferromagnetic resonance probe liftoff suppression apparatus. 4,528,506, 7-9-85, Cl. 324-225.000.

Davis, Toby L. Torque meter. 4,509,375, 4-9-85, Cl. 73-862.320.

Davis, Walter G., to Buckhorn Material Handling Group Inc. Removable poultry nest bottoms of variable widths. 4,524,723, 6-25-85, Cl. 119-45.00R.

Davis, Walter L.; and Raghunathan, Kuppuswamy, to Motorola, Inc. Universal paging device with power conservation. 4,518,961, 5-21-85, Cl. 340-825.440.

Davis, Walter L.; Messenger, Dale; and Randall, Malcolm W., to Key Technology, Inc. Inspection and cutting apparatus. 4,520,702, 6-4-85, Cl. 83-71.000.

Davis, Walter L.: *See—*
- Herold, Barry W.; and Davis, Walter L., 4,527,131, Cl. 331-116.0FE.

Davis, Walter R., to National Semiconductor Corporation. Switching regulator off-line starting circuit. 4,497,017, 1-29-85, Cl. 363-49.000.

Davis, Walter R.: *See—*
- Bittner, Harry J.; Culmer, Daniel D.; and Davis, Walter R., 4,527,128, Cl. 330-9.000.

Davis, Wilfrid E.; and Davis, Richard A. Wall panels. 4,522,002, 6-11-85, Cl. 52-309.100.

Davis, William F., to Motorola, Inc. High frequency operational amplifier. 4,517,524, 5-14-85, Cl. 330-257.000.

Davis, William H., to Ring Around Products, Inc. Route to hybrid soybean production. 4,545,146, 10-8-85, Cl. 47-58.000.

Davis, William M.: *See—*
- Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; and Erwin, Lewis, 4,513,116, Cl. 525-53.000.
- Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,548,995, Cl. 525-354.000.
- Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,554,326, Cl. 525-354.000.

Davison, Charles F., to Norwood Marking & Equipment Co., Inc. Exchangeable print head hot ink roll marker. 4,527,472, 7-9-85, Cl. 101-219.000.

Davison, Charles F., to Norwood Marking & Equipment Co., Inc. Imprinter printhead and shuttle assembly. 4,527,475, 7-9-85, Cl. 101-316.000.

Davison, Charles F., to Norwood Marking & Equipment Co., Inc. Print head with dual exchangeable hot inking rolls. 4,528,907, 7-16-85, Cl. 101-219.000.

Davison, Charles F.; and Myles, Robert M., to Norwood Marking & Equipment Co., Inc. Rotating air cylinder driven hot ink marker. 4,528,908, 7-16-85, Cl. 101-295.000.

Davison, Ernest: *See—*
- Maczuszenko, Andrzej; Davison, Ernest; Otter, Brian; Whittaker, Brian F.; Novak, Christopher; and Landheer, Dolf, 4,516,847, Cl. 355-3.0TR.

Davison, John B.; Jasinski, Raymond J.; and Peerce-Landers, Pamela J., to Occidental Chemical Corporation. Electrochemical maintenance of catalyst activity. 4,499,025, 2-12-85, Cl. 260-465.00R.

Davison, John F.: *See—*
- Gradeff, Peter S.; Charte, Vincent J.; Schreiber, Fred G.; and Davison, John F., 4,545,923, Cl. 252-309.000.

Davison, Robert W., to Hercules Incorporated. Preparation of hydrophilic polyolefin fibers for use in papermaking. 4,496,427, 1-29-85, Cl. 162-157.500.

Daviss, Gilbert P. Container for holding popcorn and a drink cup. 4,491,220, 1-1-85, Cl. 206-217.000.

Davlin, Irwin H. Adapter union and improved adapter member therefor. 4,555,129, 11-26-85, Cl. 285-3.000.

Davoli, Velmore: *See—*
- Mayr, Adolfe; Susa, Ermanno; Leccese, Antonio; Davoli, Velmore; and Giachetti, Ettore, 4,544,717, Cl. 526-125.000.

Davot, Jean-Pierre P.: *See—*
- Andrieu, Andre; Davot, Jean-Pierre P.; and Thibieroz, Jean-Pierre A. M., 4,526,872, Cl. 501-4.000.

Davy-Loewy Limited: *See—*
- Holton, James A.; and Inman, James C., 4,526,086, Cl. 91-43.000.

Davy McKee AG: *See—*
- Al-Muddarris, Ghazi R., 4,503,264, Cl. 568-697.000.
- Al-Muddarris, Ghazi R., 4,513,162, Cl. 585-654.000.
- Heinze, Helmut; Wilhelm, Fritz; Mackensen, Klaus; and Finkeldei, Ferdinand, 4,499,261, Cl. 528-279.000.
- Hofmann, Hansdieter; Rothe, Hans-Jochen; Skupin, Georg; and Wolff, Konrad, 4,528,362, Cl. 528-336.000.
- Lell, Rainer, 4,501,725, Cl. 423-573.00R.

Davy McKee Corporation: *See—*
- Gardner, Samuel A.; and Ban, Thomas E., 4,503,018, Cl. 423-168.000.

Davy McKee (London) Limited: *See—*
- Dennis, Alan J.; Harrison, George E.; and Wyber, James P., 4,496,768, Cl. 568-454.000.
- Dennis, Alan J.; Harrison, George E.; and Wyber, James P., 4,496,769, Cl. 568-454.000.
- Harris, Norman; Dennis, Alan J.; and Harrison, George E., 4,503,275, Cl. 568-866.000.

Davy McKee (Poole) Limited: *See—*
- Ross, Hugh M.; and Grocock, Peter G., 4,520,645, Cl. 72-250.000.

Davy McKee (Sheffield) Limited: *See—*
- Bond, Harry L. F., 4,557,130, Cl. 72-225.000.
- Causton, Robert J., 4,519,852, Cl. 148-16.000.
- Gronbech, Robert W.; and Lister, Michael, 4,497,215, Cl. 74-89.150.

Davy McKee (Stockton) Limited: *See—*
- Naden, David; Webster, David G.; and Willey, Gordon, 4,502,952, Cl. 210-86.000.

Davy, Philip A., to APV International Limited. Flow control valve. 4,513,770, 4-30-85, Cl. 137-315.000.

Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I. Pharmaceutical composition for the treatment of diabetes mellitus. 4,529,589, 7-16-85, Cl. 424-81.000.

Davydov, Anatoly B.: *See—*
- Belykh, Sergei I.; Moschensky, Anatoly D.; Davydov, Anatoly B.; Pershin, Gely G.; Smirnov, Boris A.; and Gromov, Mikhail V., 4,492,226, Cl. 128-92.0BC.
- Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.

Daw, David E.; and Vlastnik, Arthur F., to Quikduc of California, Inc. Duct assembly system. 4,558,892, 12-17-85, Cl. 285-331.000.

Dawans, Francois: *See—*
- Candau, Francoise; Leong, Yee-Sing; Kohler, Norbert; and Dawans, Francois, 4,521,317, Cl. 252-8.55D.
- Durand, Jean-Pierre; Dawans, Francois; Damin, Bernard; and Leger, Robert, 4,503,182, Cl. 524-474.000.

Dawe, Garfield A., to Abbott Laboratories. Infusion pump system. 4,519,792, 5-28-85, Cl. 604-152.000.

Dawe, Peter R.: *See—*
- Winter, Maurice J.; and Dawe, Peter R., 4,539,214, Cl. 426-557.000.

Dawes, Cyril; and Smith, John D., to Lucas Industries Public Limited Company. Corrosion resistant steel components and method of manufacture thereof. 4,496,401, 1-29-85, Cl. 148-16.500.

Dawley, Dale K. Swimmer's lap pacer. 4,518,266, 5-21-85, Cl. 368-10.000.

Dawson, C. Bruce, to O'Sullivan Corporation. Integrated process for preparing a continuous string of molded articles wound in a coil. 4,496,113, 1-29-85, Cl. 242-67.10R.

Dawson, C. Bruce, to O'Sullivan Corporation. Method and apparatus for coiling a continuous string of molded items about a vertical axis. 4,546,931, 10-15-85, Cl. 242-67.200.

Dawson, Charles R.: *See—*
- Drake, Evelyn N.; Morrison, Mary E.; and Dawson, Charles R., 4,503,170, Cl. 523-130.000.

Dawson Construction Plant Limited: *See—*
- Dawson, Robin, 4,506,744, Cl. 173-131.000.

Dawson, Daniel J.: *See—*
- Sheldon, Bernard G.; Wingard, Robert E., Jr.; Weinshenker, Ned M.; and Dawson, Daniel J., 4,532,128, Cl. 424-78.000.
- Wang, Patricia C.; and Dawson, Daniel J., 4,526,933, Cl. 525-326.800.

Dawson, Dennis E. Towable transport carrier for motorcycles and the like. 4,504,075, 3-12-85, Cl. 280-402.000.

Dawson, Douglas: *See—*
- Cooper, Gordon C.; and Dawson, Douglas, 4,492,381, Cl. 277-2.000.

Dawson, Glenn W.; Griffiths, David C.; and Pickett, John A., to National Research Development Corporation. Pheromones. 4,546,110, 10-8-85, Cl. 514-529.000.

Dawson, Jeffery C.: *See—*
- Engelhardt, Friedrich; Piesch, Steffen; Balzar, Juliane; and Dawson, Jeffery C., 4,499,232, Cl. 524-548.000.
- Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,500,437, Cl. 252-8.55C.
- Engelhardt, Friedrich; Piesch, Steffen; Balzer, Juliane; and Dawson, Jeffery C., 4,507,440, Cl. 525-218.000.
- Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,551,513, Cl. 526-307.100.

Dawson, John R., to Cole-Parmer Instrument Company. Tubing loading key. 4,527,323, 7-9-85, Cl. 29-451.000.

Dawson, Marcia I.; and Chan, Rebecca L. S., to SRI International. Naphtenic and heterocyclic retinoic acid analogues. 4,518,609, 5-21-85, Cl. 514-448.000.

Dawson, Marcia I.; Chan, Rebecca L. S.; and Hobbs, Peter D., to SRI International. N-heterocyclic retinoic acid analogues. 4,526,787, 7-2-85, Cl. 514-255.000.

Dawson, Marcia I.; and Hobbs, Peter D., to SRI International. Pentadeuterioretinoids. 4,529,600, 7-16-85, Cl. 514-529.000.

Dawson, Marcia I.; and Hobbs, Peter D., to SRI International. Aromatic retinoic acid analogues. 4,532,343, 7-30-85, Cl. 514-543.000.

Dawson, Patricia S., to Spit Pit, Inc. Disposable receptacle for spittle. 4,503,572, 3-12-85, Cl. 4-258.000.

Dawson, Paul H.: *See—*
- Sturges, Robert H., Jr.; Birsa, Joseph J.; Dawson, Paul H.; and Byford, Roger G., 4,521,844, Cl. 364-167.000.

Dawson, Peter L., to Lever Brothers Company. Abrasive agglomerates for use in scouring cleaning compositions. 4,537,604, 8-27-85, Cl. 51-298.000.

- Dawson, Raymond L.; Dodd, Clayton; Harrell, Bobby E.; and Lee, Grady E., to Manville Service Corporation. Centrifugal carton tester. 4,553,438, 11-19-85, Cl. 73-830.000.
- Dawson, Robin, to Dawson Construction Plant Limited. Pile hammer. 4,506,744, 3-26-85, Cl. 173-131.000.
- Dawson, Samuel O.: *See—*
  - Tank, Gene F.; Dawson, Samuel O.; and Barnett, Phillip R., 4,498,913, Cl. 55-356.000.
- Dawson, Stanley R.: *See—*
  - Escallier, Edward A.; Dawson, Stanley R.; and Shaheen, Joseph M., 4,501,929, Cl. 174-117.00F.
  - Escallier, Edward A.; Dawson, Stanley R.; and Shaheen, Joseph M., 4,548,661, Cl. 156-52.000.
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  - Shultz, Julius, 4,525,945, Cl. 40-152.000.
- Day, Charles E.: *See—*
  - Balbes, Michael S.; Day, Charles E.; Hooper, Robert L.; and Lin, Hank S., 4,538,175, Cl. 358-86.000.
- Day, David R.: *See—*
  - Mazurek, Harry; Day, David R.; Maby, Edward W.; and Abel, Jonathan S., 4,491,605, Cl. 427-38.000.
- Day, Donald C., to AMSTED Industries Incorporated. Locating pin. 4,498,798, 2-12-85, Cl. 403-24.000.
- Day, Eric; and Van der Stuyf, Allen F., to Cummins Engine Company, Inc. Electronically controlled fuel pump. 4,532,893, 8-6-85, Cl. 123-41.310.
- Day, Frank S.: *See—*
  - Drew, Thomas J.; and Day, Frank S., 4,491,685, Cl. 174-75.00C.
- Day, Frederic F.; Powers, William J., III; Ewen, Eric D.; and Piper, Gerald L., to Texaco Inc. Esterification of wax oxidates. 4,548,754, 10-22-85, Cl. 260-410.90R.
- Day, Gary L.; and Robertson, James P., to Firestone Tire & Rubber Company, The. Sulfur-curable rubber skim stock compositions containing dithiodipropionic acid. 4,513,123, 4-23-85, Cl. 525-332.600.
- Day, Gene F., to Xerox Corporation. Ion projection printer with pseudo-continuous back electrode. 4,521,791, 6-4-85, Cl. 346-159.000.
- Day, Gene F., to Xerox Corporation. Ion projection printer with virtual back electrode. 4,527,177, 7-2-85, Cl. 346-159.000.
- Day, Gene F.: *See—*
  - Clark, Lloyd D.; Wilcox, Jean K.; and Day, Gene F., 4,521,792, Cl. 346-159.000.
  - Wilcox, Jean K.; and Day, Gene F., 4,535,345, Cl. 346-159.000.
- Day, George W.; and Dalby, Kenneth G., to Vacuumatic Limited. Sheet separating device for a sheet counting apparatus. 4,543,658, 9-24-85, Cl. 377-8.000.
- Day, Grant P.: *See—*
  - Prasad, Arun; and Day, Grant P., 4,530,664, Cl. 433-207.000.
- Day, James D.; and Day, James D., II. Apparatus for constructing modular pre-cast concrete buildings. 4,519,568, 5-28-85, Cl. 249-66.00R.
- Day, James D., II: *See—*
  - Day, James D.; and Day, James D., II, 4,519,568, Cl. 249-66.00R.
- Day, James L., to Ohio Medical Instrument Company, Inc. Apparatus for holding the head of a patient for surgery. 4,545,572, 10-8-85, Cl. 269-328.000.
- Day, John T., to Rubber Millers, Inc. Mechanically raked bar screen with conveyor system having elastomeric rakes. 4,521,306, 6-4-85, Cl. 210-159.000.
- Day, John T.: *See—*
  - Udy, Lex L.; and Day, John T., 4,528,049, Cl. 149-21.000.
- Day, Lawrence, to General Signal Corporation. Removable polishing pad assembly. 4,527,358, 7-9-85, Cl. 51-131.300.
- Day, Michael A.; and Reid, Alistair, to Imperial Chemical Industries PLC. Catalyst supports and hydrocarbon conversion processes employing catalysts based on these supports. 4,526,885, 7-2-85, Cl. 502-327.000.
- Day, Michael N.; and Miller, Claude D., to International Business Machines Corporation. Method and apparatus for instruction parity error recovery. 4,538,265, 8-27-85, Cl. 371-12.000.
- Day, Philip R.; and Webster, William K., to C-I-L Inc. Detonating assembly with U-bend of low energy detonating cord. 4,539,909, 9-10-85, Cl. 102-275.200.
- Day, Ralph K. Double glass sheet insulating windows. 4,542,611, 9-24-85, Cl. 52-172.000.
- Day, Robert A., to General Electric Company. Temperature compensated piezoelectric transducer and lens assembly and method of making the assembly. 4,551,647, 11-5-85, Cl. 310-335.000.
- Day, Robert H., to S.D.S. Industries, Inc. Connector for tubular frame members. 4,525,099, 6-25-85, Cl. 403-371.000.
- Day, Robert S.: *See—*
  - Bennett, George R.; and Day, Robert S., 4,553,660, Cl. 198-425.000.
- Day, Roger W.; and Grichar, Charles N., to Geosource Inc. Solids mixing well structure and method. 4,505,591, 3-19-85, Cl. 366-134.000.
- Day, Samuel W., Jr., to Motorola, Inc. Whip antenna assembly exhibiting increased durability. 4,540,989, 9-10-85, Cl. 343-900.000.
- Day, San-Tong. Fully automatic single push button type umbrella. 4,534,374, 8-13-85, Cl. 135-22.000.
- Day, San-Tong. Full-automatic umbrella. 4,548,222, 10-22-85, Cl. 135-24.000.
- Day Star Concepts: *See—*
  - Lakes, Sherman, 4,546,134, Cl. 524-141.000.
- Day, Timothy T., to W. R. Grace & Co., Cryovac Div. Packing process and apparatus. 4,545,177, 10-8-85, Cl. 53-434.000.
- Day, Wayne T.: *See—*
  - Hawkins, Hugh M., 4,491,449, Cl. 414-10.000.
- Day, William J.: *See—*
  - Thomas, Calvin J.; and Day, William J., 4,527,049, Cl. 219-449.000.
- Dayco Corporation: *See—*
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  - Burris, Lee R.; Speer, Billy L.; and Gayer, Melvin D., 4,536,172, Cl. 474-135.000.
  - Foster, Randy C., 4,500,304, Cl. 474-138.000.
  - Foster, Randy C., 4,504,254, Cl. 474-133.000.
  - Foster, Randy C.; Hackard, Roger G.; and Wilson, Leslie B., 4,509,935, Cl. 474-138.000.
  - Gayer, Melvin D., 4,539,000, Cl. 474-13.000.
  - Howerton, Anderson W., 4,533,040, Cl. 198-847.000.
  - Howerton, Anderson W.; and Lewis, James A., 4,534,437, Cl. 180-185.000.
  - Howerton, Anderson W., 4,552,550, Cl. 474-242.000.
  - Hughes, William E.; Dare, Keith E.; and Cooper, Jerry W., 4,517,404, Cl. 174-47.000.
  - Lewis, Charles M., 4,541,883, Cl. 156-159.000.
  - LiVolsi, William J., 4,547,953, Cl. 29-453.000.
  - Long, Delmar D., 4,501,771, Cl. 427-176.000.
  - Long, Delmar D.; and Anderson, John F., Jr., 4,520,038, Cl. 427-26.000.
  - Long, Delmar D.; and Hill, James D., Jr., 4,528,214, Cl. 427-173.000.
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  - Long, Delmar D., 4,560,610, Cl. 428-246.000.
  - Marsh, Richard L.; and Wetzel, Robert E., 4,504,342, Cl. 156-138.000.
  - Marsh, Richard L.; and Wetzel, Robert E., 4,541,823, Cl. 474-205.000.
  - Mathieu, Julien C., 4,548,666, Cl. 156-245.000.
  - Mathieu, Julien C., 4,550,484, Cl. 29-434.000.
  - Meadows, Roger D., 4,548,858, Cl. 428-224.000.
  - Miranti, Joseph P., Jr., 4,493,679, Cl. 474-201.000.
  - Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,494,947, Cl. 474-251.000.
  - Miranti, Joseph P., Jr.; and Brew, James K., 4,509,933, Cl. 474-93.000.
  - Miranti, Joseph P., Jr., 4,530,680, Cl. 474-93.000.
  - Miranti, Joseph P., Jr., 4,530,684, Cl. 474-264.000.
  - Miranti, Joseph P., Jr.; Oliver, Larry R.; and Johnson, Clyde O., 4,533,342, Cl. 474-201.000.
  - Miranti, Joseph P., Jr., 4,555,239, Cl. 474-93.000.
  - Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,559,029, Cl. 474-251.000.
  - Oliver, Larry R., 4,510,003, Cl. 156-137.000.
  - Orsak, John E.; and Roman, Charles A., 4,555,438, Cl. 428-219.000.
  - Quick, Terrence R.; Miranti, Joseph P., Jr.; and Foster, Randy C., 4,496,335, Cl. 474-15.000.
  - Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.
  - Speer, Billy L.; Burris, Lee R.; and Rogers, Jerry W., 4,525,152, Cl. 474-133.000.
  - Standley, Paul M., 4,511,521, Cl. 264-24.000.
  - Standley, Paul M., 4,557,680, Cl. 425-3.000.
  - Stiles, Carl A., 4,541,822, Cl. 474-201.000.
  - Tassone, Joseph V., 4,521,362, Cl. 264-136.000.
  - Tassone, Joseph V.; and Candor, James T., 4,559,188, Cl. 264-24.000.
  - Wetzel, Robert E., 4,533,420, Cl. 156-138.000.
  - Wilson, Leslie B., 4,525,153, Cl. 474-138.000.
  - Wilson, Leslie B., 4,557,032, Cl. 29-434.000.
  - Woodland, Carl R., 4,509,938, Cl. 474-264.000.
- Dayen, Leonid, to Horton Manufacturing Co., Inc. Device for enhancing cooling. 4,561,522, 12-31-85, Cl. 188-71.600.
- Dayen, Leonid: *See—*
  - Hanks, James V.; and Dayen, Leonid, 4,557,506, Cl. 285-39.000.
- Dayen, William R. Removal of Sox, Nox, and particulate from combusted carbonaceous fuels. 4,540,554, 9-10-85, Cl. 423-235.000.
- Daykin, Theodore W.: *See—*
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  - Evain, Jean, 4,520,931, Cl. 209-542.000.
- Daystar, Inc.: *See—*
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- Dayton, Birney D.; and Leavitt, Dale L., to Grass Valley Group, Inc., The. Circuit for converting a logical signal into two balanced logical signals. 4,525,836, 6-25-85, Cl. 370-67.000.
- Dayton, Birney D., to Grass Valley Group, Inc., The. Circuit for converting two balanced ECL level signals into an inverted TTL level signal. 4,536,665, 8-20-85, Cl. 307-475.000.
- Dayton-Granger, Inc.: *See—*
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- Dayton Machine Tool Company: *See—*
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- Dayton Reliable Tool & Mfg. Co.: *See—*
  - Bachmann, Henry C.; Brown, Omar L.; Fraze, Ermal C.; Gregg, James R.; and Wynn, David K., 4,561,280, Cl. 72-346.000.
  - Brown, Omar L., 4,559,800, Cl. 72-342.000.
- Dayus, Lloyd G. Damper and blade therefor. 4,513,655, 4-30-85, Cl. 98-121.200.
- Dayus, Lloyd G. Frictional blade assembly for grille. 4,545,294, 10-8-85, Cl. 98-110.000.
- Dazza, Renald A., to Bayshore Tile Company. Cleating apparatus. 4,542,831, 9-24-85, Cl. 211-90.000.
- DBM Industries Limited: *See—*
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  - Davis, Mark F., 4,503,554, Cl. 381-28.000.
  - Davis, Mark F., 4,539,526, Cl. 330-144.000.
- DC Technologies, Inc.: *See—*
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- DCA Food Industries Inc.: *See—*
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  - Kaufman, Harold B., Jr.; McCarthy, John P.; Entner, Bernard J.; and Wallenfels, Kurt, 4,556,572, Cl. 426-289.000.
- DCI, Inc.: *See—*
  - Saucier, David O., 4,511,255, Cl. 366-138.000.
- De Beers Industrial Diamond Division (Proprietary) Limited: *See—*
  - Sexton, John S.; Stone, Brian J.; Howes, Trevor D.; and Andrew, Colin, 4,549,372, Cl. 51-206.00R.
- De Cloet Ltd.: *See—*
  - De Cloet, Ben, 4,530,203, Cl. 56-27.500.
  - De Cloet, Dan; De Cloet, Ben; and Krempa, Ted, 4,520,579, Cl. 34-204.000.
- De Dietrich & Cie: *See—*
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  - Logel, Bernard; and Koehl, Robert, 4,535,226, Cl. 219-400.000.
- De Dietrich (USA), Inc.: *See—*
  - Koehl, Richard; and Lerman, Michael J., 4,491,421, Cl. 366-247.000.
  - Lerman, Michael J.; Koehl, Richard; Chiarella, Anthony A.; and Zamory, William, 4,508,455, Cl. 366-247.000.
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  - Mernoe, Erik C., 4,544,059, Cl. 198-453.000.
- De La Rue Giori S.A.: *See—*
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  - Giori, Gualtiero; and Germann, Albrecht J., 4,552,066, Cl. 101-152.000.
  - Kuehfuss, Runwalt, 4,558,557, Cl. 53-506.000.
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- De La Rue Systems Limited: *See—*
  - Chapman, Christopher P., 4,525,630, Cl. 250-572.000.
  - Curl, Barry J., 4,529,318, Cl. 356-430.000.
  - Curl, Barry J., 4,559,451, Cl. 250-560.000.
  - Dixon, Christopher J.; and Jenkins, Stuart M., 4,506,880, Cl. 271-263.000.
  - Emery, Stephen G.; and Humble, Rick J., 4,542,829, Cl. 209-534.000.
  - Glasson, Peter; and Wood, John, 4,552,075, Cl. 109-52.000.
  - Hilton, Graham H., 4,493,994, Cl. 250-223.00R.
  - Hilton, Graham H.; and Curl, Barry J., 4,553,846, Cl. 356-429.000.
  - Hosking, Steven M.; and Dixon, Christopher J., 4,560,155, Cl. 271-11.000.
  - Hunt, Steven A., 4,519,249, Cl. 73-596.000.
  - Tee, Victor G., 4,550,252, Cl. 250-223.00R.
  - Wood, John; and Dominey, Raymond J., 4,511,795, Cl. 235-379.000.
  - Wood, John; Tinson, Christopher M.; and Jenkins, Stuart M., 4,516,899, Cl. 414-330.000.
- de la Bretoniere, Andre B. Electric heating fabric. 4,538,054, 8-27-85, Cl. 219-545.000.
- De-La-Concha-Caceres, Alfonso, to Free Motion Designs Corporation. Recreational device for producing the thrill of a free fall. 4,535,983, 8-20-85, Cl. 272-6.000.
- de la Cruz, Rodolfo V., to Wisconsin Alumni Research Foundation. Cone-shaped coring for determining the in situ state of stress in rock masses. 4,491,022, 1-1-85, Cl. 73-783.000.
- de la Cruz Toran, D. Mariano. Air cushion vehicle provided with a lift system with automatic transversal air distribution. 4,518,054, 5-21-85, Cl. 180-118.000.
- de la Fuente, Carlos: *See—*
  - Dinis, Antonio; de la Fuente, Carlos; and Mondorf, Paul, 4,505,081, Cl. 52-223.00L.
- de la Mettrie, Roland; and Canivet, Patrick, to L'Oreal. Hair-dyeing compositions based on nitro direct dyestuffs, and a dyeing process using these compositions. 4,555,247, 11-26-85, Cl. 8-405.000.
- de la Pintiere, Louis; and Ballereau, Jean, to Intercontrole Societe Anonyme. Apparatus for inspecting heat exchanger tubes. 4,505,323, 3-19-85, Cl. 165-11.00A.
- de la Plaza, Alex: *See—*
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- de la Prieta, Claudio: *See—*
  - Grunwald, Werner; Pfizenmaier, Heinz; de la Prieta, Claudio; Schmid, Kurt; and Schmidt, Ewald, 4,522,671, Cl. 156-235.000.
- De La Roche, Serge R.: *See—*
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- de la Sota Martinez, Alejandro. Chair changeable into easy chair. 4,525,009, 6-25-85, Cl. 297-118.000.
- de la Torre, Daniel M. Composition and method for the treatment of cancer. 4,559,228, 12-17-85, Cl. 424-85.000.
- de Nederlandsche Bank N.V.: *See—*
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- De Staat Der Nederlanden, Vertegenwoozdigd doozde Minister van volksgezondheid en Milieuhygiene: *See—*
  - Van Wezel, Antonius L., 4,508,708, Cl. 424-89.000.
- Deacon, David A. G.; Madey, John M. J.; Smith, Todd I.; and Colson, William B. Isochronous free electron laser. 4,491,948, 1-1-85, Cl. 372-2.000.
- Deadman, Ray. Automatic engine oil level maintenance system. 4,491,103, 1-1-85, Cl. 123-196.00S.
- Deady, Joanne: *See—*
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- Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, to Egyt Gyogyszervegyeszeti Gyar. Isoquinoline derivatives. 4,537,895, 8-27-85, Cl. 514-307.000.
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- Deal, Carl H.; and Flynn, A. John, to Shell Oil Company. Simultaneous removal of water and hydrogen sulfide from gaseous carbon dioxide. 4,498,911, 2-12-85, Cl. 55-32.000.
- Deal, Michael A.: *See—*
  - Blass, Jaroslav; and Deal, Michael A., 4,537,566, Cl. 417-569.000.
- Deal, Samuel B.; and Cushman, Barry M., to RCA Corporation. Method of making a coded marking in a glass workpiece employing a trisilicate coating and product thereof. 4,514,456, 4-30-85, Cl. 428-204.000.
- Deal, Samuel B.; and Bartels, Donald W., to RCA Corporation. Method for preparing lithium-silicate glare-reducing coating. 4,560,581, 12-24-85, Cl. 427-64.000.
- Deal, Troy M. Cutterhead attachment for a dredge. 4,517,754, 5-21-85, Cl. 37-66.000.
- Deal, Troy M. Rotating self-cleaning screen. 4,521,305, 6-4-85, Cl. 210-158.000.
- Deallenbach, Robert E.: *See—*
  - Emeterio, Eloy V.; Deallenbach, Robert E.; O'Connor, Martin F.; and Klufas, Oleg, 4,537,560, Cl. 416-198.00A.
- Dealto, Michael E.; DiGiacomo, Joseph D.; and Marritt, Clifford R., to Molins Limited. Cutting head for filter assembler. 4,537,104, 8-27-85, Cl. 83-348.000.
- Deamer, David W., to University of California, The Regents of the. Method for encapsulating materials into liposomes. 4,515,736, 5-7-85, Cl. 264-4.300.
- Dean, Anthony B.; Farrow, Robin F. C.; Migliorato, Piero; White, Anthony M.; and Williams, Gerald M., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Infrared sensitive photo diode. 4,494,133, 1-15-85, Cl. 357-30.000.
- Dean, Anthony M.; DeGregoria, Anthony J.; Hardy, James E.; Hurst, Boyd E.; and Lyon, Richard K., to Exxon Research & Engineering Co. Non-catalytic method for reducing the concentration of NO in combustion effluents by injection of ammonia at temperatures greater than about 1300 degree K. 4,507,269, 3-26-85, Cl. 423-235.000.
- Dean, Barry D., to Atlantic Richfield Company. Polymer composition containing polycarbonate and a copolymer of methylmethacrylate with N-phenylmaleimide. 4,491,647, 1-1-85, Cl. 525-67.000.
- Dean, Barry D., to Atlantic Richfield Company. Moldable polyblend containing poly(arylene sulfide). 4,497,928, 2-5-85, Cl. 524-502.000.
- Dean, Barry D., to Atlantic Richfield Company. Methylmethacrylate/N-phenylmaleimide copolymer-containing polymer alloys. 4,504,627, 3-12-85, Cl. 525-205.000.
- Dean, Barry D., to Atlantic Richfield Company. Methylmethacrylate/-phenylmaleimide copolymer and styrene/maleic anhydride copolymer. 4,514,543, 4-30-85, Cl. 525-205.000.
- Dean, Barry D., to Atlantic Richfield Company. Polyamide-impact modified styrenic polyblends. 4,528,326, 7-9-85, Cl. 525-66.000.
- Dean, Barry D., to Atlantic Richfield Company. Radial block polymers. 4,532,301, 7-30-85, Cl. 525-280.000.
- Dean, Barry D., to Atlantic Richfield Company. Polyarylate resin containing composition and method. 4,542,187, 9-17-85, Cl. 525-132.000.
- Dean, Barry D., to Atlantic Richfield Company. Polymerization initiator. 4,556,512, 12-3-85, Cl. 260-239.0BC.
- Dean, Barry D., to Atlantic Richfield Company. Polyether sulfone resin containing molding composition and method. 4,562,231, 12-31-85, Cl. 525-189.000.
- Dean, Edward E.: *See—*
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- Dean, Jessie L. Thermal burning rod. 4,541,616, 9-17-85, Cl. 266-48.000.

- Dean, Lanty W. Automatic coffee maker. 4,532,142, 7-30-85, Cl. 426-388.000.
- Dean, Laurence C., Jr.; and Cardinale, Louis J., to Vickers, Incorporated. Rotary vane device with two pressure chambers for each vane. 4,505,654, 3-19-85, Cl. 418-80.000.
- Dean, Mark E.; and Moeller, Dennis L., to International Business Machines Corporation. Microcomputer system with bus control means for peripheral processing devices. 4,528,626, 7-9-85, Cl. 364-200.000.
- Dean, Raymond H.: *See—*
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  - Reese, James A.; and Dean, Raymond H., 4,500,034, Cl. 236-49.000.
- Dean, Robert; Reyner, Peter J.; and Heiman, Frederic P., to Mars Incorporated. Coin testing apparatus. 4,546,869, 10-15-85, Cl. 194-99.000.
- Dean, Robert A.: *See—*
  - Ford, James M.; Dean, Robert A.; Woodard, Kenneth E., Jr.; and Branco, Antonio, 4,500,379, Cl. 156-172.000.
- Dean, Robert E.; and Dein, Edward A., to AT&T Bell Laboratories. Wafer handling apparatus and method. 4,529,353, 7-16-85, Cl. 414-786.000.
- Dean, Robert G.: *See—*
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- Dean, Robert R.: *See—*
  - Oswald, Norman D.; Dean, Robert R.; and Mankey, Harry S., 4,522,548, Cl. 414-458.000.
  - Oswald, Norman D.; Dean, Robert R.; and Mankey, Harry S., 4,526,344, Cl. 254-9.00C.
- Dean, Sheldon W.: *See—*
  - Grab, George D.; and Dean, Sheldon W., 4,562,052, Cl. 423-235.000.
- Dean, Stewart. Reading device for the visually handicapped. 4,548,485, 10-22-85, Cl. 353-67.000.
- Dean, Walter C., II, to Budd Company, The. Mechanical stop mechanism for a tilt system in a railway car. 4,516,507, 5-14-85, Cl. 105-199.00A.
- Dean, Walter C., II, to Budd Company, The. Shock mount apparatus. 4,522,304, 6-11-85, Cl. 206-591.000.
- Dean, Weibley J.; Johnson, Charles E.; and Ragard, Phillip A., to Universal Instruments Corporation. Leadless chip placement machine for printed circuit boards. 4,501,183, 2-26-85, Cl. 83-233.000.
- Dean, Weibley J.; Johnson, Charles E.; and Ragard, Phillip A., to Universal Instruments Corporation. Leadless chip placement machine for printed circuit boards. 4,527,324, 7-9-85, Cl. 29-564.600.
- DeAnda, Nicholas: *See—*
  - Kilroy, Eugene J.; Morse, James E.; Grimm, Thomas H.; and DeAnda, Nicholas, 4,522,607, Cl. 446-447.000.
- Deane, Graham: *See—*
  - Lester, Graham G.; Brand, Peter J.; and Deane, Graham, 4,526,573, Cl. 604-33.000.
- DeAngelis, Barbara; Jacobsen, Howard; and Jacobsen, Edwin. Shield assembly for an area of an animal to be protected. 4,510,888, 4-16-85, Cl. 119-143.000.
- DeAngelis, Thomas P., to Corning Glass Works. Electrolytic Al production with reaction sintered cermet component. 4,514,268, 4-30-85, Cl. 204-67.000.
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- Deans, E. Grant: *See—*
  - Gidden, Robert A., 4,516,213, Cl. 364-483.000.
- Deans, Harry A.: *See—*
  - Mut, Alan D.; and Deans, Harry A., 4,508,169, Cl. 166-250.000.
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  - Cuisia, Dionisio G., 4,556,493, Cl. 210-699.000.
  - Quamme, Jane E.; and Kemp, Anne H., 4,558,080, Cl. 524-72.000.
  - Salihar, Mark W., 4,551,261, Cl. 252-88.000.
- Dearborn Chemicals Limited: *See—*
  - Brocklebank, Philip; and Bennison, John J., 4,557,896, Cl. 422-14.000.
  - Clifford, Richard P.; and Birchall, Gerrard A., 4,539,071, Cl. 162-161.000.
  - Greaves, Brian; and Ingham, Paul, 4,559,156, Cl. 252-82.000.
- Dearden, Katryna J.: *See—*
  - Atkinson, Alan W.; Dearden, Katryna J.; and Lancaster, Janet M., 4,534,922, Cl. 264-119.000.
- Deardorff, Don L. Catalyst composition and method for the manufacture of esters. 4,526,725, 7-2-85, Cl. 556-56.000.
- Deardorff, Donald L. Removal of catalyst residues from polyesters. 4,506,091, 3-19-85, Cl. 560-99.000.
- Dearing, Harry L.: *See—*
  - Walker, Thad O.; Simpson, Jay P.; and Dearing, Harry L., 4,508,628, Cl. 252-8.50P.
- Dearman, Timothy C. Apparatus for use in welding. 4,492,015, 1-8-85, Cl. 29-281.500.
- Dearman, Timothy C. Welder's mismatch gauge. 4,497,115, 2-5-85, Cl. 33-174.00R.
- Dearman, Timothy C. Pipefitter's protractor. 4,497,119, 2-5-85, Cl. 33-464.000.
- Dearman, Timothy C. Pipefitter's scribing and spacing tool. 4,553,305, 11-19-85, Cl. 29-272.000.
- Deasy, Richard E., to Rockwell International Corporation. Current enhanced monopole radiation type antenna apparatus. 4,511,900, 4-16-85, Cl. 343-845.000.
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  - Spinks, R. Joe, Jr.; Snider, Glenn R.; and Deasy, Richard E., 4,545,059, Cl. 375-1.000.
- Deatcher, John H.; and Goswami, Jagadish C., to Stauffer Chemical Company. Laminate for the protection of motor vehicle bodies. 4,496,628, 1-29-85, Cl. 428-337.000.
- Deaton, John G.: *See—*
  - Smith, Harry D., Jr.; Small, Tony M.; and Deaton, John G., 4,504,736, Cl. 250-256.000.
- Deaton, Mark E., to Wright State University. Scissors corrugating device. 4,555,965, 12-3-85, Cl. 76-89.100.
- Deau, William J.: *See—*
  - Kanzelberger, James C.; and Deau, William J., 4,497,248, Cl. 104-27.000.
- Deaver, Dann T. Aerodynamic wing device and method of making same. 4,558,898, 12-17-85, Cl. 296-1.00S.
- Deaver, Dick: *See—*
  - Duszak, Francis J.; Modrak, James P.; and Deaver, Dick, 4,492,781, Cl. 524-59.000.
- de Baan, Johannes J.; and Honig, Michael, to August Bilstein GmbH & Co. KG. Piston guide and seal for dual-tube hydropneumatic shock absorber. 4,494,632, 1-22-85, Cl. 188-269.000.
- DeBalko, George A., to AT&T Bell Laboratories. Maintenance termination unit. 4,529,847, 7-16-85, Cl. 179-175.30F.
- DeBarbieri, Augusto; and Bekesi, Julius G., to Proter S.p.A. In vitro and in vivo treatment of cancer cells and treatment of viruses with a tripeptide compound. 4,508,710, 4-2-85, Cl. 514-19.000.
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- DeBaun, Jack R.: *See—*
  - Pallos, Ferenc M.; DeBaun, Jack R.; and Teach, Eugene G., 4,532,348, Cl. 564-27.000.
- DeBaun, Kenneth W., to Air Monitor Corporation. Flow measuring traverse probe. 4,559,835, 12-24-85, Cl. 73-861.660.
- DeBaun, Linda M.: *See—*
  - DeBaun, William A.; and DeBaun, Linda M., 4,542,875, Cl. 248-491.000.
- DeBaun, William A.; and DeBaun, Linda M. Rim protector for hanging plates. 4,542,875, 9-24-85, Cl. 248-491.000.
- de Beaumont, Patrick; and Violante, Pierre. Emergency ignition device for thermal engines with controlled ignition. 4,528,972, 7-16-85, Cl. 123-640.000.
- Debeneix, Pierre, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Combined fastening device for transporting and hoisting a turbojet engine. 4,520,974, 6-4-85, Cl. 244-54.000.
- Debenham, Michael; Dalli, Alan G.; and Revill, Peter L., to Broken Hill Proprietary Company Limited, The. Article retention system for transfer equipment. 4,546,873, 10-15-85, Cl. 198-836.000.
- de Bentzmann, Bertrand L. Device for producing reinforcements for use in reinforced concrete. 4,518,841, 5-21-85, Cl. 219-56.000.
- de Bentzmann, Bertrand L. Device for producing and removing shaped wire material pieces. 4,532,966, 8-6-85, Cl. 140-105.000.
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  - Baggio, Horacio; Eckart, George R.; and DeBeradinis, Louis A., 4,546,418, Cl. 362-85.000.
- DeBergalis, Michael; and O'Fee, Robert P., to Du Pont de Nemours, E. I., and Company. Polymer-bound ultraviolet stabilizer coating compositions containing cross linkers. 4,495,325, 1-22-85, Cl. 524-507.000.
- DeBergalis, Michael, to Du Pont de Nemours, E. I., and Company. Polymers containing resorcinol monobenzoate. 4,522,971, 6-11-85, Cl. 524-547.000.
- de Bergh, Guy, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Method and apparatus for evaluating noise level on a telephone channel. 4,552,996, 11-12-85, Cl. 179-175.20C.
- DeBernardi, James A.: *See—*
  - Ware, Joseph W., III; DeBernardi, James A.; and Holcomb, James R., 4,544,350, Cl. 431-285.000.
- Debernardis, John F.; and Arendsen, David L., to Abbott Laboratories. Substituted 1-aminomethyl-phthalans. 4,500,543, 2-19-85, Cl. 514-469.000.
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- De Berraly, Jean-Marie: *See—*
  - Dumoulin, Joseph; and De Berraly, Jean-Marie, 4,544,684, Cl. 523-136.000.
- Debes, Michael H.; and Keenan, Paul C., III, to Du Pont de Nemours, E. I., and Company. Automatic control system for X-ray film cassette loader and unloader apparatus. 4,553,369, 11-19-85, Cl. 53-55.000.
- De Bijl, Adrianus M. J.; and Melai, Henri A. I., to U.S. Philips Corporation. DC/AC converter with voltage dependent timing circuit for discharge lamps. 4,525,648, 6-25-85, Cl. 315-224.000.
- De Bisschop, James; Neri, Anthony A.; and Williams, Thomas J., to Torrington Company, The. Vehicle steering sub-assembly. 4,535,645, 8-20-85, Cl. 74-492.000.
- DeBlauwe Lier B.V.: *See—*
  - Browne, Gwendolen, 4,534,876, Cl. 252-90.000.

Deblitz, Gerhard: *See—*

Anderka, Gerold; Brandt, Joachim; Deblitz, Gerhard; Martens, Rolf; Paschen, Rolf; and Willimczik, Bernd, 4,552,483, Cl. 403-288.000.

Brandt, Joachim; Deblitz, Gerhard; Post, Jurgen; Willimczik, Bernd; Marten, Rolf; Paschen, Rolf; and Anderka, Gerold, 4,496,958, Cl. 346-139.00R.

DeBlois, Charles. Bow-mounted quiver of the magazine type. 4,541,403, 9-17-85, Cl. 124-51.00R.

Debnam, William J., Jr.; Fripp, Archibald L.; and Crouch, Roger K., to United States of America, National Aeronautics and Space Administration. Reusable thermal cycling clamp. 4,491,427, 1-1-85, Cl. 374-208.000.

DeBoer, Edward D.; and Yahl, Kenneth R., to American Maize-Products Company. Use of improved starch-polyvinyl alcohol composition as a textile size. 4,552,564, 11-12-85, Cl. 8-115.600.

DeBoer, Herman A., to Genentech, Inc. Microbial hybrid promoters. 4,551,433, 11-5-85, Cl. 435-253.000.

de Boer, Jan: *See—*

Bertram, Leo; Schemmann, Hugo; and de Boer, Jan, 4,554,471, Cl. 310-49.00R.

de Boer, Peter, to Gispen + Staalmeubel B.V. Chair. 4,521,053, 6-4-85, Cl. 297-312.000.

de Boeve, Andre; and de Boeve, Ronny. Cradle assembly adapted to be re-assembled into a bed stead for adults. 4,549,322, 10-29-85, Cl. 5-93.00B.

de Boeve, Ronny: *See—*

de Boeve, Andre; and de Boeve, Ronny, 4,549,322, Cl. 5-93.00B.

DeBold, Terry A.; Magee, John H., Jr.; and Schmidt, Norman B., to Carpenter Technology Corporation. Large warm worked, alloy article. 4,554,028, 11-19-85, Cl. 148-38.000.

DeBolt, Marion L.: *See—*

Coy, Charles H., 4,517,427, Cl. 219-10.510.

De Bondt, Werner E.: *See—*

De Schamphelaere, Lucien A.; De Cock, Etienne M.; De Bondt, Werner E.; Librecht, Freddy M.; Boeve, Gerard J.; and Van Peteghem, Willy F., 4,536,778, Cl. 346-160.000.

Debono, Manuel, to Eli Lilly and Company. N-acyl glycopeptide derivatives. 4,497,802, 2-5-85, Cl. 514-8.000.

Debono, Manuel: *See—*

Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., 4,524,135, Cl. 435-69.000.

Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., 4,537,717, Cl. 260-112.50R.

Molloy, R. Michael; and Debono, Manuel, 4,504,467, Cl. 424-118.000.

DeBons, Francis E.; Whittington, Lawrence E.; and Pedersen, Larry D., to Getty Oil Company; and Reed Lignin Inc. Method of enhanced oil recovery and compositions useful therein. 4,548,721, 10-22-85, Cl. 252-8.55D.

DeBoo, Robert V.: *See—*

Viriyayuthakorn, Montri; and DeBoo, Robert V., 4,495,022, Cl. 156-500.000.

Viriyayuthakorn, Montri; and DeBoo, Robert V., 4,547,246, Cl. 156-244.120.

De Boodt, Marcel F. L. P.; and Verdonck, Omer F., to Labofina, S.A. Composing compositions. 4,494,975, 1-22-85, Cl. 71-25.000.

Deborde, Albert H.; and Remond, Pierre, to Saurer-Diederichs Societe Anonyme. Weft predelivery and measuring device for a shuttleless loom. 4,498,639, 2-12-85, Cl. 242-47.010.

Deborde, Albert H.; and Grandvallet, Gilles, to Saurer-Diederichs Societe Anonyme. Flow distributor for fluid circuit and its application to shuttleless looms with pneumatic insertion of the weft. 4,510,976, 4-16-85, Cl. 139-435.000.

Deborde, Albert H.; and Remond, Pierre, to Saurer-Diederichs Societe Anonyme. System for alternately inserting different weft yarns into the shed of a jet loom. 4,512,375, 4-23-85, Cl. 139-435.000.

Deborde, Albert H.; and Grandvallet, Gilles, to Saurer Diederichs. Sequential cleaning device for a loom. 4,543,999, 10-1-85, Cl. 139-1.00C.

Deborde, Albert H.: *See—*

Grandvallet, Gilles; and Deborde, Albert H., 4,494,579, Cl. 139-429.000.

DeBortoli, George, to Northern Telecom Limited. Distributing frame for telecommunications systems. 4,497,411, 2-5-85, Cl. 211-26.000.

Debourge, Jean-Claude; and Lacroix, Guy, to Rhone-Poulenc Agrochimie. Thioglycine derivatives and use as fungicides. 4,515,807, 5-7-85, Cl. 514-513.000.

De Boynton, William L.; Lee, Frederick C.; Wilson, Bruce E.; and O'Rourke, John F., to Hydril Company. Workpiece gaging apparatus. 4,559,711, 12-24-85, Cl. 33-199.00R.

Debras, Guy L. G.; De Clippeleir, Georges E. M. J.; and Cahen, Raymond M., to Labofina, S.A. Process for producing isobutene. 4,556,753, 12-3-85, Cl. 585-643.000.

De Bree, Hans: *See—*

Ruijten, Henri M.; De Bree, Hans; Van Amsterdam, Peter H.; and Wiegers, Elbert, 4,554,071, Cl. 210-198.200.

de Broqueville, Axel. Transportation system utilizing a stretchable train of cars and stretchable bandconveyors. 4,509,429, 4-9-85, Cl. 104-25.000.

De Brossard, Philippe, to Societe Civile Professionnelle Gazzano & Blais, a part interest. Swimming pool coping. 4,504,985, 3-19-85, Cl. 4-506.000.

de Bruin, Henderikus J.; and Badwal, Sukhvinder P. S., to Flinders University of South Australia, The. Method for determining the partial pressure of oxygen in an atmosphere. 4,548,680, 10-22-85, Cl. 204-1.00T.

DeBruler, Dennis L., to AT&T Bell Laboratories. Method and apparatus for handling interprocessor calls in a multiprocessor system. 4,539,637, 9-3-85, Cl. 364-200.000.

Debrunner, Paul E., Jr., to Rockwell International Corporation. Flow control valve. 4,520,843, 6-4-85, Cl. 137-469.000.

de Bruyn, Hendrik E., to Stichting Steunfonds Laboratorium voor Werkplaatstechniek en Organisatie van de Technische Hogeschool Delft. Method for the prevention of arcing in a spark erosion process. 4,535,217, 8-13-85, Cl. 219-69.00M.

de Bruyne, Norman A., to Techne Corporation. Floating magnetic stirrer for culture medium. 4,498,785, 2-12-85, Cl. 366-274.000.

de Bruyne, Norman A., to Techne Corporation. Floating magnetic stirrer with driving guide rod. 4,534,656, 8-13-85, Cl. 366-247.000.

Debry, Paul. Wax tool. 4,524,713, 6-25-85, Cl. 118-102.000.

Debuisser, Jean-Claude A.: *See—*

Bossennec, Jean-Louis G.; Debuisser, Jean-Claude A.; and Farhi, Philippe F., 4,555,705, Cl. 343-55.00A.

Debus, Walter, Jr.; and Siller, Curtis H., to AT&T Bell Laboratories. Fractionally spaced equalization using nyquist-rate coefficient updating. 4,550,415, 10-29-85, Cl. 375-14.000.

deButts, Harry A., II, to Syscon Corporation. Mounting for caboose replacement signal transmitting unit. 4,544,124, 10-1-85, Cl. 248-552.000.

Debuysscher, Pierre L.; Peeters, Hugo J. P.; and Hennebel, Christiaan G. M. M., to International Standard Electric Corporation. Multiple-ring communication system. 4,553,233, 11-12-85, Cl. 370-16.000.

Dec, Anthony F.: *See—*

Schweid, Jeffrey M.; Cohee, Arthur H.; and Dec, Anthony F., 4,539,215, Cl. 426-589.000.

DEC International, Inc.: *See—*

Huang, Min N.; and Brethorst, David L., 4,505,205, Cl. 104-139.000.

Quee, Jack A.; and Haak, Mark P., 4,504,451, Cl. 423-242.000.

Thompson, Paul D., 4,530,307, Cl. 119-14.490.

Thompson, Paul D., 4,537,152, Cl. 119-14.540.

de Calvino y Teijeiro, Ben J., to Westinghouse Electric Corp. Circuit interrupter having improved closing resistor control means. 4,510,359, 4-9-85, Cl. 200-144.0AP.

de Campos, Hugo N., to Bendix Corporation, The. Bearing member. 4,500,144, 2-19-85, Cl. 384-463.000.

DeCarlo, Alfred F., Jr., to Joint Medical Products Corp. Apparatus for constraining a socket bearing in an artificial joint. 4,524,467, 6-25-85, Cl. 603-22.000.

DeCaro, Charles J., to Textron, Inc. Modified quick release adapter. 4,491,443, 1-1-85, Cl. 408-239.00A.

DeCaro, Charles J., to Textron, Inc. Adjustment means for a driver bit. 4,550,476, 11-5-85, Cl. 29-26.00A.

De Caro, Robert E.: *See—*

Bridgewater, Walter F.; De Caro, Robert E.; Larson, Roger; and Wall, Llewellyn E., 4,555,623, Cl. 250-214.00A.

de Castiglione, Roberto; Gozzini, Luigia; Montecucchi, Pier C.; and Perseo, Giuseppe, to Farmitalia Carlo Erba S.p.A. Peptides. 4,491,541, 1-1-85, Cl. 260-112.50R.

Decavele, Dominique; and Fournier, Jean-Pierre, to Transac-Alcatel. Security method and device for communicating confidential data via an intermediate stage. 4,498,000, 2-5-85, Cl. 235-380.000.

de Ceglie, Gaetano J.: *See—*

Davidescu, Reghina; de Ceglie, Gaetano J.; Jacquett, Harold W.; and Paluzzi, Joseph A., 4,551,345, Cl. 426-594.000.

Jasovsky, George A.; Jacquett, Harold W.; and de Ceglie, Gaetano J., 4,551,344, Cl. 426-594.000.

deCelle, Charles W., to Franco, Ralph A.; and Franco, Lila K., part interest to each. Vaporizing fuel system for internal combustion engine. 4,510,913, 4-16-85, Cl. 123-557.000.

de Chambost, Emmanuel; and Trotel, Jacques, to Thomson-CSF. Angular limitation device in a charged particle beam system. 4,492,870, 1-8-85, Cl. 250-398.000.

Dechant, Joseph C.: *See—*

Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 4,510,642, Cl. 15-231.000.

Dechape, Michel L. Pneumatic gauging circuit. 4,550,592, 11-5-85, Cl. 73-37.500.

Dechelette, Helen, to Molex Incorporated. Insulation displacement terminal for an electrical connector and environmental sealing means therefor. 4,512,619, 4-23-85, Cl. 339-94.00M.

Dechelette, Helen, to Molex Incorporated. Multigauge insulation displacement connector and contacts therefor. 4,527,852, 7-9-85, Cl. 339-97.00P.

Dechelette, Helen, to Molex Incorporated. Miniature electrical connector assembly. 4,527,853, 7-9-85, Cl. 339-97.00R.

Dechene, Fernand J., to VBM Corporation. Oxygen generator with two compressor stages. 4,552,571, 11-12-85, Cl. 55-21.000.

Dechert, Ralf: *See—*

Eckstein, Rolf; and Dechert, Ralf, 4,560,310, Cl. 409-233.000.

De Choudhury, Pranabesh, to Elliott Turbomachinery Co., Inc. Damper and spring shaft support assembly. 4,553,855, 11-19-85, Cl. 384-99.000.

Dechow, Fred J.; Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., to Mitco Water Laboratories Inc. Upflow ion exchange treatment of natural edible juices containing high acidity and suspended solids. 4,522,836, 6-11-85, Cl. 426-271.000.

Dechow, Frederick J.: *See—*
- Harmon, Zita T. K.; and Dechow, Frederick J., 4,543,261, Cl. 426-271.000.

DeChristofaro, Nicholas J.: *See—*
- Bose, Debasis; Datta, Amitava; DeChristofaro, Nicholas J.; and Henschel, Claude, 4,515,868, Cl. 428-656.000.

Decina, Basil A., Jr.: *See—*
- Houchens, Albert F.; Cleveland, Dixon; Decina, Basil A., Jr.; Watney, Dale K.; Havens, James R.; and Nagel, Gregory L., 4,493,965, Cl. 219-109.000.
- Houchens, Albert F.; Decina, Basil A., Jr.; Havens, James R.; Cleveland, Dixon; and Nagel, Gregory L., 4,503,311, Cl. 219-109.000.

Decision Data Computer Corp.: *See—*
- Dahme, Jerome R., 4,555,763, Cl. 364-521.000.

Deck, Charles F., to BASF Wyandotte Corporation. Thickened, water-based hydraulic fluid with reduced dependence of viscosity on temperature. 4,491,526, 1-1-85, Cl. 252-32.500.

Deck, Charles F.; and Carson, James E., to BASF Wyandotte Corporation. Water-based functional fluids thickened by the interaction of an associative polyether thickener and certain quaternary ammonium salts. 4,547,303, 10-15-85, Cl. 252-73.000.

Deckard, John I., to General Motors Corporation. Electromagnetic unit fuel injector with differential valve. 4,527,737, 7-9-85, Cl. 239-89.000.

Decker, David E. Paper clip holder. 4,530,445, 7-23-85, Cl. 221-198.000.

Decker, Douglas E.: *See—*
- Crook, Mikel S.; and Decker, Douglas E., 4,544,030, Cl. 165-159.000.

Decker, G. Warren. Insulated glass adaptive method and apparatus. 4,494,342, 1-22-85, Cl. 52-203.000.

Decker, George A., Jr., to AT&T Bell Laboratories. Method of fabricating an optical attenuator by fusion splicing of optical fibers. 4,557,556, 12-10-85, Cl. 350-96.210.

Decker, Richard B.: *See—*
- Bettcher, Louis A.; and Decker, Richard B., 4,516,323, Cl. 30-276.000.

Decker, Richard G.: *See—*
- Leininger, Robert W.; and Decker, Richard G., 4,541,416, Cl. 126-450.000.

Decker, Ronald R.; and Shannon, William T. Vehicle performance detection and recording apparatus. 4,533,962, 8-6-85, Cl. 360-5.000.

Decker, Stephen K.: *See—*
- Church, Mark A.; and Decker, Stephen K., 4,504,880, Cl. 360-113.000.

Decker, Werner, to Windmoller & Holscher. Apparatus for laying tube or web sections into a folded Z-shaped form. 4,557,712, 12-10-85, Cl. 493-11.000.

Deckers, Albert T.; and Leppink, Arie, to Oce-Nederland B.V. Apparatus for exposing and then separating superposed original and light-sensitive sheets. 4,515,470, 5-7-85, Cl. 355-105.000.

Deckers, Willem H. M.; and Op de Beek, Johannes C. A., to U.S. Philips Corporation. Method of and device for image reconstruction in computed tomography. 4,549,265, 10-22-85, Cl. 364-414.000.

Deckert, Cheryl A.; Couble, Edward C.; and Bonetti, William F., to Shipley Company Inc. Through-hole plating. 4,515,829, 5-7-85, Cl. 427-97.000.

Deckert, Clinton L., to Warner-Lambert Company. Controller for a dual drug delivery system. 4,533,347, 8-6-85, Cl. 604-81.000.

Deckler, Harry C., to White Farm Equipment Company. Marker for tilling implements. 4,520,875, 6-4-85, Cl. 172-126.000.

Deckman, Harry W.; Witzke, Horst; and Wronski, Christopher, to Exxon Research & Engineering Co. Realization of a thin film solar cell with a detached reflector. 4,497,974, 2-5-85, Cl. 136-259.000.

Deckman, Harry W.; and Dunsmuir, John H., to Exxon Research & Engineering Co. Procedure for fabrication of microstructures over large areas using physical replication. 4,512,848, 4-23-85, Cl. 156-630.000.

Deckman, Harry W.; Witzke, Horst; Wronski, Christopher; and Yablonovitch, Eli, to Exxon Research & Engineering Co. Method for making optically enhanced thin film photovoltaic device using lithography defined random surfaces. 4,554,727, 11-26-85, Cl. 29-572.000.

Decko, Del P.: *See—*
- Klammer, Mark S.; and Decko, Del P., 4,555,233, Cl. 440-56.000.

Declerck, Gabriel D.: *See—*
- Staats, Jean B. C. H.; and Declerck, Gabriel D., 4,492,947, Cl. 338-22.00R.

De Clercq, Erik D. A.; Vander Haeghe, Hubert J. H. E.; and Busson, Roger H. C. Derivatives of 9-(2-hydroxyethoxymethyl) guanine. 4,548,819, 10-22-85, Cl. 514-261.000.

De Clercq, Pierre J.: *See—*
- Vandewalle, Maurits; Vanmaele, Luc J.; De Clercq, Pierre J.; Halkes, Sebastianus J.; and Overbeek, Wilhelmus R. M., 4,539,153, Cl. 260-397.200.

De Clippeleir, Georges E. M. J.: *See—*
- Debras, Guy L. G.; De Clippeleir, Georges E. M. J.; and Cahen, Raymond M., 4,556,753, Cl. 585-643.000.

De Cloet, Ben, to De Cloet Ltd. Leaf distribution means. 4,530,203, 7-23-85, Cl. 56-27.500.

De Cloet, Ben: *See—*
- De Cloet, Dan; De Cloet, Ben; and Krempa, Ted, 4,520,579, Cl. 34-204.000.

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DeCloux, Richard J.; Loeffler, Herbert H.; MacConkey, James S.; and Yonkers, E. Hubbard, to Arthur D. Little, Inc. Exercise stair device. 4,496,147, 1-29-85, Cl. 272-130.000.

DeCloux, Richard J. Exercise device. 4,519,603, 5-28-85, Cl. 272-73.000.

De Cock, Etienne M.; De Schamphelaere, Lucien A.; Librecht, Freddy M.; and Van Peteghem, Willy F., to AGFA-GEVAERT N.V. Recording apparatus. 4,524,372, 6-18-85, Cl. 346-160.000.

De Cock, Etienne M.: *See—*
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DeColibus, Raymond L.; van Heiningen, Jan J.; and Veerkamp, Thomas F., to Du Pont de Nemours, E. I., and Company. Process for producing alkyl methacrylates. 4,529,816, 7-16-85, Cl. 560-212.000.

Decolvenaer, Etienne K. A.: *See—*
- Pansaerts, Marcel F. R.; Bogaert, Joseph M. F.; and Decolvenaer, Etienne K. A., 4,547,835, Cl. 361-399.000.

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Deconinck, Didier, to Allibert S.A. Chaise lounge. 4,521,054, 6-4-85, Cl. 297-357.000.

Deconinck, Filip N.: *See—*
- Rosseel, Henri J.; and Deconinck, Filip N., 4,501,008, Cl. 377-2.000.

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- van Nassau, Petrus J. M.; Biermans, Andreas J.; Jonckers, Kees; and de Cooker, Mario G. R. T., 4,540,813, Cl. 564-71.000.

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- Shiff, Max J.; and Davis, Gene, 4,542,446, Cl. 362-122.000.

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- Chapman, G. Paul, 4,521,464, Cl. 428-33.000.

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- Gellerson, Walter G., 4,559,865, Cl. 92-5.00L.

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- Verjux, Jean, 4,537,205, Cl. 131-280.000.

deCourcy, David R.: *See—*
- Barker, Sidney A.; Baggett, Neil; Stevenson, John; and deCourcy, David R., 4,504,314, Cl. 106-38.350.

de Courten, Alfred; Schulthess, Adrian; and Esteve-Soler, Jose, to Laboratoires OM SA. Method for treating heart disease. 4,513,007, 4-23-85, Cl. 514-555.000.

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- Hintsa, Roy A., 4,548,010, Cl. 52-484.000.

de Cremoux, Baudouin: *See—*
- Di Forte Poisson, Marie-Antoinette; Hirtz, Jean-Pierre; Duchemin, Jean-Pascal; and de Cremoux, Baudouin, 4,494,237, Cl. 372-45.000.

DeCristofaro, Nicholas J.: *See—*
- Bose, Debasis; Datta, Amitava; and DeCristofaro, Nicholas J., 4,497,429, Cl. 228-263.180.
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Decsei, Lajos: *See—*
- Szejtli, Jozsef; Fenyvesi, Eva; Zsadon, Bela; Szilasi, Maria; and Decsei, Lajos, 4,535,152, Cl. 536-103.000.

Dectron Inc.: *See—*
- Kittler, Reinhold, 4,557,116, Cl. 62-238.600.

DeCuir, Perry J., Sr.: *See—*
- Guidry, Shelby L.; and DeCuir, Perry J., Sr., 4,510,797, Cl. 73-151.000.

Dedelmahr, Rudolf: *See—*
- Altmann, Gerhard; Be[illegible]del, Wolfgang; Dedelmahr, Rudolf; and Pfeiffer, Richard, 4,[illegible]0,536, Cl. 264-102.000.

Dederich, Stanley S.; Schoenfelder, George A.; and Koster, William M., to Pittway Corporation. Combustion products detector with accelerated test. 4,539,556, 9-3-85, Cl. 340-515.000.

Dedolph, Richard R., to Gravi-Mechanics Co. Method of forming a urethane prepolymer and its use in consolidating aggregate material. 4,495,310, 1-22-85, Cl. 521-99.000.

- Dedolph, Richard R., to Gravi-Mechanics Co. Chain of soil plugs and a process for producing a chain of soil plugs. 4,517,764, 5-21-85, Cl. 47-77.000.
- Dedow, Karen A., to General Dynamics, Pomona Division. Method of making a conductive resealable pouch. 4,496,406, 1-29-85, Cl. 156-66.000.
- Dee, Gerald M.; and Catrambone, Frank A., to Pneumatic Scale Corporation. Electronic control system for a weighing scale. 4,549,620, 10-29-85, Cl. 177-60.000.
- Dee, Richard D.; DiGiacomo, Louis A.; and Tomosy, Geza. Apparatus and method for applying printed material to a cylindrical object. 4,505,198, 3-19-85, Cl. 101-40.000.
- Dee Zee Manufacturing: *See—*
  - Elwell, Dennis L., 4,557,494, Cl. 280-164.00R.
- Deeba, Michael, to Air Products and Chemicals, Inc. Amination of olefins using organic acid catalysts. 4,536,602, 8-20-85, Cl. 564-485.000.
- Deedreek, Harold. Truck mirror adjustable in the horizontal direction. 4,558,930, 12-17-85, Cl. 350-604.000.
- Deeds, Charles T.: *See—*
  - Closmann, Philip J.; Waxman, Monroe H.; and Deeds, Charles T., 4,514,283, Cl. 208-86.000.
- Deefholts, Benedict M. M.: *See—*
  - Culling, Michael J.; and Deefholts, Benedict M. M., 4,513,868, Cl 209-581.000.
- Deeg, Rolf; Schlumberger, Helmut; and Ziegenhorn, Joachim, to Boehringer Mannheim GmbH. Method and composition for the determination of cholesterol. 4,503,144, 3-5-85, Cl. 435-11.000.
- Deegan, Dennis I.: *See—*
  - DeMarco, Richard E.; Hopkins, David; and Deegan, Dennis I., 4,547,417, Cl. 428-64.000.
- Deeken, David G.: *See—*
  - Richart, Jene A.; Beitler, Bradley D.; and Deeken, David G., 4,523,878, Cl. 405-195.000.
- Deeken, William O.; and Davis, Charles L., to Goodyear Tire & Rubber Company, The. Adhesive activated emulsion to a polyester yarn. 4,495,126, 1-22-85, Cl. 264-137.000.
- Deen, Harold E.: *See—*
  - Ryer, Jack; Bloch, Ricardo; and Deen, Harold E., 4,532,062, Cl. 252-78.100.
- Deep Rock Manufacturing Company, Inc.: *See—*
  - MacElvain, Robert C., 4,520,879, Cl. 173-57.000.
- Deep Seven Company: *See—*
  - Awalt, Thomas Y., Jr., 4,528,929, Cl. 114-210.000.
  - Awalt, Thomas Y., Jr., 4,556,007, Cl. 114-210.000.
- Deepsea Ventures, Inc.: *See—*
  - Blanchet, James, 4,506,591, Cl. 92-85.00B.
- Deere & Company: *See—*
  - Barr, Michael E., 4,531,546, Cl. 137-625.690.
  - Bedney, Harris I., 4,504,076, Cl. 280-411.00A.
  - Benedek, Vasile; and Huckler, Volker, 4,491,039, Cl. 74-850.000.
  - Bening, Curtis R., 4,491,209, Cl. 192-4.00A.
  - Black, Robert D., 4,506,839, Cl. 241-101.700.
  - Boardman, Peter W., 4,524,955, Cl. 266-49.000.
  - Boardman, Peter W., 4,550,881, Cl. 242-56.00R.
  - Boyer, Jack C., 4,501,045, Cl. 16-331.000.
  - Burk, Ronnie F., 4,523,514, Cl. 92-5.00R.
  - Demorest, Donald W., 4,505,094, Cl. 56-10.200.
  - Denning, Barry K.; and Ziegler, Duane H., 4,517,792, Cl. 56-10.200.
  - Dettmer, Larry A., 4,523,766, Cl. 279-4.000.
  - Deutsch, Timothy A.; and Hadley, Howard C., 4,508,243, Cl. 222-142.000.
  - Drenner, David D., 4,508,071, Cl. 123-198.00A.
  - Easton, David J., 4,491,436, Cl. 403-122.000.
  - Espiritu Santo, Eugenio; Baxter, Kenneth D.; and Bluem, Gary R., 4,510,814, Cl. 73-862.570.
  - Faylor, Lawrence E., 4,535,729, Cl. 123-41.100.
  - Gassman, Max P., 4,498,846, Cl. 417-214.000.
  - Giesmann, Kendall L., 4,542,913, Cl. 280-479.00A.
  - Glasrud, Peder A.; and Sullivan, Thomas M., 4,529,061, Cl. 184-103.00R.
  - Goodell, Bradley D., 4,518,320, Cl. 417-217.000.
  - Hadley, Howard C.; and Bigbee, Marvin L., 4,541,549, Cl. 222-143.000.
  - Halabiya, Sabah, 4,549,564, Cl. 137-110.000.
  - Hauser, Herbert J., Jr., 4,528,959, Cl. 123-470.000.
  - Herr, Herbert W.; Moon, Seaton; and Hopper, James E., 4,549,744, Cl. 280-415.00A.
  - Hewlitt, Robert W.; Ruff, James H.; and Haight, Aubrey E., 4,506,645, Cl. 123-470.000.
  - Hoch, John J., 4,531,574, Cl. 165-67.000.
  - Hoch, John J., 4,540,191, Cl. 280-5.00A.
  - Hoch, John J., 4,549,765, Cl. 297-311.000.
  - Hook, Wolfgang, 4,501,572, Cl. 464-170.000.
  - Huang, Ray C., 4,501,452, Cl. 305-27.000.
  - Huckler, Volker; Sonns, Eugen; Schafer, Helmut; and Nobis, Dieter, 4,549,637, Cl. 192-3.630.
  - Humke, Albert L., 4,537,028, Cl. 60-272.000.
  - Hutchison, Wayne R., 4,490,965, Cl. 56-11.600.
  - Jackson, Robert C.; and Luchsinger, Patrick M., 4,540,540, Cl 264-272.110.
  - Jacobi, Stephen F.; Haight, Robert E.; Schletzbaum, John W.; Martin, Yolanda E.; and Lang, Stephen P., 4,500,874, Cl 340-607.000.
  - Jensen, James K.; and Fox, Robert E., 4,529,043, Cl. 172-776.000.
  - Jensen, Thomas C., 4,492,272, Cl. 172-178.000.
  - Johnson, Stanley J.; and Gold, Gary L., 4,529,348, Cl. 414-335.000.
  - Kabele, Dennis F.; and Hauser, Herbert J., Jr., 4,508,019, Cl. 92-158.000.
  - Kaesser, Merle L., 4,512,714, Cl. 415-151.000.
  - Kaukaskie, Donald C., 4,539,863, Cl. 74-540.000.
  - Keenan, Thomas F.; and Kass, John J., 4,523,655, Cl. 180-9.100.
  - Killen, Dale H., 4,531,368, Cl. 60-453.000.
  - Kittle, Carl E., 4,549,448, Cl. 74-710.500.
  - Koeller, David L., 4,554,431, Cl. 219-121.0PP.
  - Kramer, Kenneth D., 4,506,700, Cl. 137-596.160.
  - Kugler, Uwe H., 4,549,577, Cl. 137-614.040.
  - Kuhn, John B.; and Wykhuis, Lloyd A., 4,490,966, Cl. 56-15.900.
  - Kuhn, John B.; and Lange, Henry J., 4,512,414, Cl. 172-112.000.
  - Kuhn, John B., 4,531,757, Cl. 280-461.00A.
  - Kulak, John, 4,502,268, Cl. 56-13.600.
  - Kumar, Viraraghavan S.; and Olson, Rohn L., 4,494,726, Cl. 251-29.000.
  - Kurt, Lynn E., 4,549,429, Cl. 73-40.000.
  - LaBouff, Gary A., 4,531,269, Cl. 29-156.50R.
  - Landphair, Donald K.; and Doering, James P., 4,539,246, Cl. 428-131.000.
  - Lane, Lloyd L.; and Hosford, Gregory S., 4,517,855, Cl. 74-528.000.
  - Lewis, David G., 4,529,073, Cl. 192-70.120.
  - Lob, James P., 4,506,447, Cl. 33-181.00R.
  - McKee, Kevin D., 4,561,055, Cl. 364-424.100.
  - Meiers, Gerald F., 4,502,646, Cl. 242-149.000.
  - Meiers, Gerald F., 4,517,795, Cl. 56-341.000.
  - Nelson, Leon F.; Montgomery, Dan T.; Wyffels, Michael K.; and Sikula, William J., Jr., 4,522,553, Cl. 414-526.000.
  - Nelson, Roger J., 4,518,045, Cl. 172-7.000.
  - Neumeyer, Lowell H., 4,528,920, Cl. 111-85.000.
  - Newendorp, Bruce C.; Sturtz, Terry L.; and Anderson, Lawrence V., 4,559,847, Cl. 74-710.500.
  - Peters, Loren W.; and Turner, Reed J., 4,531,528, Cl. 130-24.000.
  - Prasad, Keni K., 4,523,788, Cl. 298-11.000.
  - Ptacek, Michael V., 4,501,334, Cl. 172-832.000.
  - Reilly, Roger D., 4,543,773, Cl. 56-13.600.
  - Rettig, Vernon E.; Bigbee, Marvin L.; Steilen, Ronald M.; and Head, Glenn D., Jr., 4,518,046, Cl. 172-311.000.
  - Ring, Curtis P., 4,518,319, Cl. 417-217.000.
  - Roeth, Kenneth M.; and Ihm, Gerald J., 4,540,220, Cl. 301-125.000.
  - Roth, Wolfgang, 4,518,373, Cl. 474-109.000.
  - Rutan, Fred E.; and Chmelar, Mark A., 4,561,559, Cl. 220-203.000.
  - Sandvik, Leonard E., 4,500,062, Cl. 248-371.000.
  - Schafer, Helmut; Huckler, Volker; and Teich, Michael, 4,517,856, Cl. 74-528.000.
  - Sparks, Gregory E.; and Larson, David A., 4,523,494, Cl. 74-710.500.
  - Strunk, Richard D.; Kasten, Robert E.; and Monopoli, Richard V., deceased, 4,495,577, Cl. 364-424.000.
  - Stuhrmann, Heinz, 4,518,305, Cl. 414-719.000.
  - Swartzendruber, James A., 4,496,005, Cl. 172-395.000.
  - Teich, Christian M., 4,553,950, Cl. 464-176.000.
  - Tindall, Gary W.; Lysenko, George P.; Vize, Richard J.; Kiefer, Edward H.; and Smith, Richard J., 4,518,195, Cl. 296-148.000.
  - Tindall, Gary W., 4,549,625, Cl. 180-90.000.
  - Treichel, Richard; and Johnson, Daniel M., 4,506,560, Cl. 74-473.00R.
  - Viaud, Jean, 4,545,298, Cl. 100-88.000.
  - Vieth, Harold F., 4,531,421, Cl. 74-467.000.
  - Vogt, James L.; and Verhulst, Michael J., 4,531,027, Cl. 200-6.00A.
  - Waggoner, Van E., 4,535,860, Cl. 180-24.050.
  - Wanie, Lee J., 4,496,035, Cl. 192-4.00C.
  - Wanie, Lee J., 4,531,365, Cl. 60-328.000.
  - Warman, Bruce L.; Dailey, Carl W.; and Johnson, Floyd D., 4,531,453, Cl. 98-2.110.
  - Weiss, Heinz, 4,523,493, Cl. 74-695.000.
  - Wetrich, Peter D., 4,540,078, Cl. 192-87.110.
  - White, Gregory S., 4,530,405, Cl. 172-126.000.
  - Wiegardt, Gordon K., 4,503,916, Cl. 172-3.000.
  - Wiegardt, Gordon K.; Hanks, Thomas W.; and Murphy, Kenneth E., 4,508,176, Cl. 172-7.000.
  - Wiegardt, Gordon K.; Hanks, Thomas W.; and Kittle, Carl E., 4,518,044, Cl. 172-7.000.
  - Willer, David A.; Rosbak, John; and McCombs, Daniel G., 4,533,108, Cl. 248-467.000.
  - Williams, Terry A., 4,528,804, Cl. 56-10.200.
  - Wilson, Lance K., 4,546,087, Cl. 436-5.000.
  - Winter, David C.; Pearson, Michael L.; and Long, John D., 4,493,375, Cl. 172-1.000.
  - Winter, David C., 4,494,883, Cl. 384-439.000.
  - Wittren, Richard A.; and Miller, James A., 4,541,451, Cl. 137-118.000.
  - Wittren, Richard A., 4,556,078, Cl. 137-118.000.
  - Wohlford, William P., 4,522,452, Cl. 305-43.000.
  - Wolf, Lester C.; and Lundie, William R., 4,561,565, Cl. 222-28.000.
  - Wykhuis, Lloyd A., 4,506,747, Cl. 180-62.000.
  - Yarbrough, Don L., 4,495,954, Cl. 130-27.00K.
- Deering, Roland F., to Union Oil Company of California. Process for retorting oil shale with fluidized retorting of shale fines. 4,515,679, 5-7-85, Cl. 208-11.00R.
- Deering, Roland F.; and Duir, John H., to Union Oil Company of California. Apparatus for recovery of retorted shale from an oil shale retorting process. 4,523,979, 6-18-85, Cl. 202-99.000.

Deering, Roland F.; Gowdy, Hugh W.; and Kelley, Arnold E., to Union Oil Company of California. Oil shale retorting process. 4,530,752, 7-23-85, Cl. 208-11.00R.

Deering, Roland F.; and Duir, John H., to Union Oil Company of California. Apparatus with moving bed pressure letdown stage for recovering retorted oil shale. 4,551,206, 11-5-85, Cl. 202-99.000.

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Dees, Pieter G.: *See*—
Adriaans, Jan L. J.; and Dees, Pieter G., 4,496,698, Cl. 526-64.000.

Deeter, Wayne R.: *See*—
De Vita, Joseph P.; Mulder, Thomas J.; O'Mohundro, Kenneth J.; Wellington, Leslie J.; Deeter, Wayne R.; and Sternaman, Larry D., 4,547,880, Cl. 370-91.000.

Deex, Oliver D., to Monsanto Company. Liquid crystalline polyesters. 4,536,562, 8-20-85, Cl. 528-193.000.

De Facci, Claude: *See*—
Duerr, Peter C.; and De Facci, Claude, 4,503,489, Cl. 362-101.000.

Defago, Raymond; and Bauerle, Rolf, to Ciba-Geigy AG. Aqueous printing inks for transfer printing containing polyvinyl alcohol and acrylate polymer. 4,543,102, 9-24-85, Cl. 8-471.000.

Defago, Raymond; and Guz, Sabahattin, to Ciba-Geigy Corporation. Aqueous formulations for dyeing and printing blended fabrics. 4,560,387, 12-24-85, Cl. 8-527.000.

DeFalco, Francis: *See*—
Teng, Yu-Ling; McCoy, Charles; DeFalco, Francis; and Mayernick, Richard, 4,533,606, Cl. 428-658.000.

DeFalco, Ralph. Overhead door construction. 4,532,973, 8-6-85, Cl. 160-235.000.

deFasselle, Craig R.; and deFasselle, Robert J. Fluid flow switch. 4,500,759, 2-19-85, Cl. 200-81.90R.

deFasselle, Robert J.: *See*—
deFasselle, Craig R.; and deFasselle, Robert J., 4,500,759, Cl. 200-81.90R.

Defaucheux, J.: *See*—
Guedj, F.; Defaucheux, J.; and Wiart, A., 4,508,984, Cl. 310-14.000.

DeFay, Christian: *See*—
Gimel, Bernard; and DeFay, Christian, 4,500,891, Cl. 346-76.0PH.

DeFazio, John J.: *See*—
Buchanan, Gregory S.; and DeFazio, John J., 4,542,509, Cl. 371-61.000.

De Fazio, Thomas L., to Charles Stark Draper Laboratory, Inc., The. Automatic contour grinding system. 4,523,409, 6-18-85, Cl. 51-165.710.

DeFelice, Diane L.: *See*—
Capuano, Italo A.; and DeFelice, Diane L., 4,542,008, Cl. 423-477.000.

Defender Energy of Connecticut, Inc.: *See*—
Gold, Stanley; Newman, Robert; and Lavigne, Eric, 4,561,223, Cl. 52-202.000.

De Ferrari, Alfred; and Doddman, William H., to Avco Corporation. Powder feed system with recirculator for plasma spray apparatus. 4,500,038, 2-19-85, Cl. 239-85.000.

Defeuilly, Jean P.; and Nguyen-Van-Nguyen, Jean, to U.S. Philips Corporation. Frequency synthesizer for a transmitter-receiver. 4,543,661, 9-24-85, Cl. 455-76.000.

Deffontaine, Etienne: *See*—
Edme, Jacques; and Deffontaine, Etienne, 4,525,705, Cl. 340-677.000.

Defibaugh, William L., to Brown Group Recreational Products, Inc. Foldable swing set. 4,537,392, 8-27-85, Cl. 272-85.000.

DeFilippi, Louis J., to UOP Inc. Antimicrobial fabrics. 4,496,363, 1-29-85, Cl. 8-115.500.

De Filippis, Pietro; Salvatore, Amedeo; Calenda, Ciro; and Notaro, Giuseppe, to Texas Instruments Incorporated. Delayed-action thermal relay. 4,527,142, 7-2-85, Cl. 337-105.000.

De Filippis, Pietro: *See*—
Calenda, Ciro; De Filippis, Pietro; and Salvatore, Amedeo, 4,498,069, Cl. 337-354.000.

DeFilippis, Stanley J.: *See*—
Everett, Leroy J.; and DeFilippis, Stanley J., 4,555,629, Cl. 250-362.000.

Deflecta-Shield Corporation: *See*—
Parham, Fred, 4,509,588, Cl. 165-80.00R.
Williams, Robert D.; and Mastin, James, 4,518,191, Cl. 296-91.000.

Defontaine S.A.: *See*—
Piquin, Jean-Claude, 4,534,082, Cl. 15-315.000.

DeFord, Daniel. Garbage can lid retainer. 4,545,501, 10-8-85, Cl. 220-318.000.

Deforeit, Christian J., to Matth. Hohner AG. Method of and apparatus for producing an orchestra effect. 4,500,317, 2-19-85, Cl. 84-1.240.

Deforeit, Christian J., to Matth. Hohner AG. Electronic musical instrument. 4,520,706, 6-4-85, Cl. 84-1.100.

DeForest, Sherman E.; Bolz, Gunner; and La Quey, Robert E., to International Remote Imaging Systems, Inc. Method and apparatus for producing optical displays. 4,502,075, 2-26-85, Cl. 358-93.000.

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De Forrest, William, Sr. Door lock status indicator. 4,559,796, 12-24-85, Cl. 70-432.000.

Defosse, Georges; and Hensenne, Joseph, to Ateliers de Constructions Electriques de Charleroi. Apparatus for propelling an inflated ball. 4,523,573, 6-18-85, Cl. 124-41.00R.

DeFours, Mervyn A.: *See*—
Hutchins, John S.; and DeFours, Mervyn A., 4,495,992, Cl. 166-250.000.

Defrance, Michel: *See*—
Hareng, Michel; Perbet, Jean-Noel; and Defrance, Michel, 4,525,709, Cl. 340-719.000.

Defranceski, Peter: *See*—
Schlecht, Ludwig; and Defranceski, Peter, 4,529,016, Cl. 139-438.000.

DeFrees, Charles W. S., Barbara B. DeFrees, executors: *See*—
DeFrees, Joseph H., deceased, 4,508,131, Cl. 137-43.000.

DeFrees, Joseph H., deceased (by DeFrees, Charles W. S., Barbara B. DeFrees, executors), to Allegheny Valve Company. Safety valving for cargo tanks used for bulk transportation of hazardous commodities. 4,508,131, 4-2-85, Cl. 137-43.000.

DeFreitas, Elaine C., to Wistar Institute of Anatomy and Biology, The. HLA D typing assay. 4,492,760, 1-8-85, Cl. 436-503.000.

DeFreitas, Elias M., to Termolar S/A. Wide-mouthed isothermal container, equipped with an immersed pump. 4,506,812, 3-26-85, Cl. 222-536.000.

Deft Chemical Coatings, Inc.: *See*—
Albers, Richard A., 4,[illegible],317, Cl. 523-414.000.
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- DeGood, Robert L.; and Malcolm, Eddie R., to Fike Metal Products Corporation. Dual range rupture disc assembly. 4,512,491, 4-23-85, Cl. 220-89.00A.
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- DeGore, James A. Support receptacle for a newspaper, magazine or the like. 4,548,376, 10-22-85, Cl. 248-205.400.
- Degoumois, Michel, to Meseltron S.A. Three-dimensional measuring device. 4,536,961, 8-27-85, Cl. 33-169.00R.
- DeGraaf, Henry J.: *See—*
  - Craun, Gary P.; and DeGraaf, Henry J., 4,525,535, Cl. 525-163.000.
- DeGraaff, Robert; and Langeiri, Michael. Ride-on toy vehicle with front wheel drive and outboard front wheels. 4,513,981, 4-30-85, Cl. 280-1.11R.
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  - Gleim, Robert D.; and de Grandpre, Mark P., 4,524,121, Cl. 430-176.000.
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  - Bernard, Jacques; Rovel, Jean-Marie; Nicol, Roger; and Prevot, Claude, 4,561,974, Cl. 210-151.000.
- DeGroff, Charles K.: *See—*
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- De Groot, Hubert, to N.V. Raychem S.A. Heat-recoverable article. 4,500,371, 2-19-85, Cl. 156-48.000.
- DeGroot, Robert H.: *See—*
  - Fox, James D.; Beckway, Bruce C.; and DeGroot, Robert H., 4,556,167, Cl. 229-45.00R.
- DeGroot, Rudolph C., Sr.: *See—*
  - Van Dyke, Helga M.; and DeGroot, Rudolph C., Sr., 4,494,554, Cl. 128-734.000.
- de Gruchy, Robert S.: *See—*
  - Govang, James A.; Mee, William W.; and de Gruchy, Robert S., 4,509,648, Cl. 211-70.600.
- Degtev, Evgeny I.: *See—*
  - Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; and Karavaev, Alexandr A., 4,515,157, Cl. 128-303.00R.
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- Deguchi, Hideaki, to Kabushiki Kaisha Komatsu Seisakusho. Shear angle adjusting apparatus for shearing machine. 4,505,172, 3-19-85, Cl. 83-74.000.
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  - Watanabe, Kazumasa; Deguchi, Hidetaka; and Suginaka, Shunji, 4,499,181, Cl. 430-558.000.
- Deguchi, Hiroyuki: *See—*
  - Kurahashi, Masayuki; Kobayashi, Hisao; and Deguchi, Hiroyuki, 4,519,750, Cl. 417-270.000.
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  - Fujisawa, Noriyoshi; Ooshima, Katsuaki; Iijima, Junko; and Deguchi, Katsuhiko, 4,526,710, Cl. 252-545.000.
- Deguchi, Masahiro; Moriya, Mitsuro; Wakami, Noboru; Goto, Yasuhiro; and Shiragami, Kazuharu, to Matsushita Electric Industrial Co., Ltd. Control system for optical information signal reproduction device. 4,539,664, 9-3-85, Cl. 369-44.000.
- Deguchi, Naoyasu; Kameyama, Koji; and Nakamura, Taku, to Fuji Photo Film Co., Ltd. Silver halide color reversal photographic material. 4,497,893, 2-5-85, Cl. 430-359.000.
- Deguchi, Naoyasu: *See—*
  - Hayashi, Yasuhiro; Deguchi, Naoyasu; Yamagami, Hiroyuki; Goda, Kensuke; and Hasebe, Kazunori, 4,554,245, Cl. 430-567.000.
  - Tanemura, Hatsumi; Ukai, Toshinao; Okazaki, Masaki; Deguchi, Naoyasu; Fujita, Munehisa; and Yamamuro, Kiyohiko, 4,556,633, Cl. 430-573.000.
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  - Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.
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  - Bergez, Pierre; Deguelte, Alain; and Seigneurin, Laurent, 4,545,964, Cl. 423-138.000.
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  - Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, 4,521,618, Cl. 562-535.000.
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  - Bergstein, Wolfgang; Friedrich, Heinz; Kleemann, Axel; Prescher, Gunther; and Beschke, Helmut, 4,496,729, Cl. 544-336.000.
  - Beyer, Hans-Hermann; Baudis, Ulrich; and Biberbach, Peter, 4,509,993, Cl. 148-15.500.
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  - Domesle, Rainer; Koberstein, Edgar; Pletka, Hans-Dieter; and Voelker, Herbert, 4,515,758, Cl. 423-213.200.
  - Drauz, Karlheinz; Koban, Hans G.; Martens, Jurgen; and Schwarze, Werner, 4,524,211, Cl. 548-111.000.
  - Drauz, Karlheinz; and Kleemann, Axel, 4,533,766, Cl. 568-771.000.
  - Drauz, Karlheinz; and Kleemann, Axel, 4,551,562, Cl. 568-771.000.
  - Effenberger, Franz; and Beisswenger, Thomas, 4,523,012, Cl. 544-316.000.
  - Eiermann, Kurt; and Kayser, Thomas, 4,516,872, Cl. 403-24.000.
  - Engel, Jurgen; Kleemann, Axel; Posselt, Klaus; Stroman, Fritz; and Thiemer, Klaus, 4,542,159, Cl. 514-653.000.
  - Gliem, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, 4,529,532, Cl. 252-62.000.
  - Grimm, Dieter, 4,549,162, Cl. 338-28.000.
  - Hinrichs, Walter; Hammer, Friedrich; and Lange, Ludwig, 4,536,938, Cl. 29-527.500.
  - Karrenbauer, Michael; Kleemann, Axel; Lussling, Theodor; and Schafer, Fritz, 4,550,199, Cl. 562-556.000.
  - Karrenbauer, Michael; Kleemann, Axel; Lussling, Theodor; and Schafer, Fritz, 4,550,200, Cl. 562-556.000.
  - Kaufmann, Lothar; and Hellwig, Klaus-Dieter, 4,536,383, Cl. 423-508.000.
  - Kerner, Dieter; Kleinschmit, Peter; Parkhouse, Alan; and Wolff, Siegfried, 4,514,231, Cl. 106-309.000.
  - Klebe, Hans; Koth, Detlev; Kerner, Dieter; Schmid, Josef; and Schmid, Manfred, 4,503,092, Cl. 427-213.000.
  - Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,511,719, Cl. 546-245.000.
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  - Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,562,152, Cl. 435-116.000.
  - Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,562,153, Cl. 435-116.000.
  - Klenk, Herbert, 4,492,793, Cl. 548-141.000.
  - Leuchtenberger, Wolfgang; Kula, Maria-Regina; Hummel, Werner; and Schutte, Horst, 4,530,903, Cl. 435-130.000.
  - Menschner, Rolf; and Fischer, Robert, 4,501,778, Cl. 427-376.200.
  - Merk, Wolfgang; and Rink, Karl-Heinz, 4,501,668, Cl. 210-749.000.
  - Muller, Johannes; Kunst, Helmut; and Scondo, Christian, 4,492,604, Cl. 148-15.500.
  - Nauroth, Peter; Esch, Heinz; and Turk, Gunter, 4,495,167, Cl. 423-339.000.
  - Nethe, Hans W.; and Nethe, Frank R., 4,560,588, Cl. 427-215.000.
  - Oepen, Gerhard; Engel, Jurgen; Jakovlev, Vladimir; and Thiemer, Klaus, 4,547,505, Cl. 514-255.000.
  - Panster, Peter; Michel, Rudolf; Kleinschmit, Peter; and Deschler, Ulrich, 4,507,490, Cl. 556-427.000.
  - Panster, Peter; Grethe, Horst; and Kleinschmit, Peter K., 4,552,700, Cl. 556-9.000.
  - Rutzen, Horst; Nikolaus, Peter; Bischoff, Martin; and Lehmann, Rudolf, 4,492,802, Cl. 564-292.000.
  - Schalke, Peter; Manfred, Langer; and Huthmacher, Klaus, 4,542,240, Cl. 564-232.000.
  - Schmidt, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, 4,529,630, Cl. 427-397.700.
  - Schwab, Heinrich; and Kaschke, Werner, 4,541,986, Cl. 422-5.000.
  - Schwarze, Werner; Kleemann, Axel; Remmel, Hans; and Hohn, Wolfgang, 4,520,209, Cl. 560-124.000.
  - Strack, Hans; Kleinschmit, Peter; and Parr, Ehrfried, 4,542,115, Cl. 502-64.000.

Strack, Hans; Roebke, Wolfgang; Kneitel, Dieter; and Parr, Ehrfried, 4,551,322, Cl. 423-329.000.

Strempel, Hans-Jurgen; Diehl, Manfred; and Bergmann, Roland, 4,508,633, Cl. 252-135.000.

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vonBebenburg, Walter, deceased; Heese, Joachim; Engel, Jurgen; and Thiele, Kurt, 4,554,281, Cl. 514-353.000.

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Werle, Peter; and Merk, Wolfgang, 4,501,840, Cl. 524-387.000.

Wolff, Siegfried; Grewatta, Heinz; and Buder, Wolfgang, 4,517,335, Cl. 524-552.000.

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Groothuis, Gerrit J.; de Haan, Atze; Poel, Hendrik; Tietjens, Eduard W.; and de Vries, Jochem J., 4,510,687, Cl. 30-34.200.

de Haan, Frans W.: *See—*

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De Haan, Gerard, to U.S. Philips Corporation. Analog-to-digital conversion circuit. 4,544,918, 10-1-85, Cl. 340-347.0AD.

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May, Joseph R.; Petruccelli, Frank; Lang, Robert L.; and de Haan, Herman P., 4,517,231, Cl. 428-35.000.

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deHertel Eastcott, Peter; and Trussler, Ronald C., to Canadian General Electric Company Limited. Grinding mill control using controlled pulsing of air clutches. 4,520,910, 6-4-85, Cl. 192-0.02R.

DeHilster, Robert J.: *See—*

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Dehls, Allan W., to Profile Management Services, Inc. Squirrel-proof selective bird feeder. 4,541,362, 9-17-85, Cl. 119-51.00R.

Dehm, David C.; Hoy, Kenneth L.; and Hoy, Richard C., to Union Carbide Corporation. Water-soluble polyurethane comb polymer production. 4,496,708, 1-29-85, Cl. 528-76.000.

Dehmel, Georg: *See—*

Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, 4,527,746, Cl. 241-23.000.

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De Hubry, Fredrik F. Illumination transmission system for format adaptation in projections. 4,505,554, 3-19-85, Cl. 350-518.000.

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Deimling, Karl; Falk, Roland; Krug, Aribert; Nagel, Peter; and Sand, Rudolf, to BASF Aktiengesellschaft. Process for polishing the surfaces of magnetic storage disks. 4,557,947, 12-10-85, Cl. 427-130.000.

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Deindoerfer, Fred H., to International Remote Imaging Systems, Inc. Method of determining the diagnostic significance of the content of a volume of biological sample containing particles. 4,519,087, 5-21-85, Cl. 377-10.000.

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Deisenroth, Werner: *See—*

Starp, Franz; and Deisenroth, Werner, 4,514,066, Cl. 354-273.000.

Deiss, Michael S., to RCA Corporation. Remote controlled receiver with provisions for automatically programming a channel skip list. 4,495,654, 1-22-85, Cl. 455-151.000.

Deiss, Willy-Jean: *See—*

Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, 4,518,794, Cl. 560-192.000.

Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, 4,554,373, Cl. 560-192.000.

Deissenberger, Hans. Apparatus for the spindleless mounting, as well as the cutting and cutting to length and simultaneous measurement of spools. 4,538,775, 9-3-85, Cl. 242-129.510.

Deisz, George A.: *See—*

Tung, William C. T.; and Deisz, George A., 4,525,524, Cl. 524-601.000.

Deitch, Leonard; and Knowles, Terrance, to Zenith Electronics Corporation. Optical gating scheme for display touch control. 4,517,559, 5-14-85, Cl. 340-712.000.

Deitesfeld, Rex R., to Insulation Technology Corporation. Insulation blower. 4,560,307, 12-24-85, Cl. 406-63.000.

Deitz, Victor R. In situ regeneration of the efficiency of activated carbon filters for trapping radioactive iodine. 4,518,562, 5-21-85, Cl. 376-313.000.

De Jaeger, Roger; Helioui, Moncef; and Puskaric, Emile, to Institut Mondial du Phosphate. Polychlorophosphazenes and process for their preparation. 4,544,536, 10-1-85, Cl. 423-300.000.

De Jaeger, Roger: *See—*

Abou Chakra, Taher; and De Jaeger, Roger, 4,554,113, Cl. 260-927.00N.

de Jager, Johannes A. Displaceable roof structure. 4,528,785, 7-16-85, Cl. 52-66.000.

Dejaifve, Pierre E.; and Quillaud, Gerard, to Shell Oil Company. Process for the preparation of a hydrogen-rich gas. 4,524,058, 6-18-85, Cl. 423-656.000.

Dejaifve, Pierre E.: *See—*

Lambert, Jean C.; Barre, Guy; Dejaifve, Pierre E.; and Bidan, Gerard, 4,554,292, Cl. 518-728.000.

Dejean, Rodrigue. Greeting card with illuminated message and design. 4,497,126, 2-5-85, Cl. 40-124.100.

DeJeney, Viktor. Device to correct the malfunction in film feed of a perforated film through a light beam. 4,498,745, 2-12-85, Cl. 352-119.000.

Dejeux, Pol: *See—*

Leroy, Jean-Luc; and Dejeux, Pol, 4,498,426, Cl. 122-32.000.

Dejmek, Eberhard: *See—*
Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knabe, Andreas; Koch, Roland; Urbach, Bernd; and Weisselberg, Arnold, 4,500,764, Cl. 219-59.100.

De Jonckheere, Raphael; and Dussaud, Jacques, to Boussac Saint Freres B.S.F. Diaper. 4,534,769, 8-13-85, Cl. 604-369.000.

de Jong, Frederik J.: *See—*
Maassen, Egbertus J. P.; and de Jong, Frederik J., 4,492,451, Cl. 354-416.000.

De Jong, Jan I., to Akzo N.V. Fluid cracking process using sepiolite-containing catalyst composition. 4,519,897, 5-28-85, Cl. 208-74.000.

de Jong, Joannes N. M.; and Earle, Richard L., to Sperry Corporation. Rotary variable differential transformer. 4,551,699, 11-5-85, Cl. 336-135.000.

de Jong, Koenraad A.: *See—*
Philips, Franciscus M.; and de Jong, Koenraad A., 4,520,999, Cl. 254-278.000.

de Jong, Krijn P.: *See—*
Geus, John W.; and de Jong, Krijn P., 4,548,921, Cl. 502-330.000.

de Jong, Rudolf: *See—*
Sielfeld, Gilbert; and de Jong, Rudolf, 4,525,559, Cl. 526-200.000.

De Jong, Tim: *See—*
Haisma, Jan; Larsen, Poul K.; De Jong, Tim; Van der Veen, Johannes F.; Douma, Willem A. S.; and Saris, Frans W., 4,554,030, Cl. 148-175.000.

De Jong, Walter J. Method and apparatus for feeding livestock. 4,513,687, 4-30-85, Cl. 119-27.000.

De Jongh, Rudolph O.: *See—*
Van Dijk, Cornelis; and De Jongh, Rudolph O., 4,551,441, Cl. 502-159.000.

DeKarske, Clarence W.; and Wilcoski, Thomas M., to Sperry Corporation. Synchronized selectable rate clocking system. 4,560,939, 12-24-85, Cl. 328-72.000.

DeKarske, Clarence W.: *See—*
Kregness, Glen R.; Criswell, Peter B.; and DeKarske, Clarence W., 4,556,978, Cl. 371-49.000.

Dekeyzer, Marcel A., to Sperry Corporation. Discharge assist means for combine harvesters. 4,510,948, 4-16-85, Cl. 130-27.00R.

Dekker, Cornelis B.; and Vries, Lodewijk B., to U.S. Philips Corporation. Community antenna television arrangement for the reception and distribution of TV - and digital audio signals. 4,513,315, 4-23-85, Cl. 358-86.000.

Dekker, Jan G.: *See—*
van Dijk, Jacob; Renken, Johannes W.; Dekker, Jan G.; and Helmond, Johannes, 4,508,652, Cl. 260-407.000.

Dekker, Lambert: *See—*
Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,495,091, Cl. 252-522.00R.
Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,503,259, Cl. 568-382.000.
Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,510,080, Cl. 252-522.00R.
Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,528,402, Cl. 568-445.000.
Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,532,361, Cl. 568-382.000.

Dekker, Theodor G.: *See—*
Fourie, Theunis G.; Dekker, Theodor G.; Snyckers, Friedrich O.; and van der Schyf, Cornelis J., 4,503,256, Cl. 568-331.000.

deKok, Peter T.; and Phildius, John, to Gran-Quartz Trading, Inc. Removable mount for cutting means. 4,517,954, 5-21-85, Cl. 125-15.000.

de Korompay, Susan A.; and de Korompay, Victor L. Method and apparatus for fracturation detection. 4,531,403, 7-30-85, Cl. 73-38.000.

de Korompay, Victor L.: *See—*
de Korompay, Susan A.; and de Korompay, Victor L., 4,531,403, Cl. 73-38.000.

De Kraker, James E.: *See—*
Houle, Raymond T.; Kilbourn, Frederick A.; De Kraker, James E.; and Nilsson, Robert T., 4,546,506, Cl. 4-555.000.

de Kroon, Jan, to Akzo N.V. Rope comprising two or more polymer components. 4,510,743, 4-16-85, Cl. 57-260.000.

Dekura, Hitoshi: *See—*
Futaki, Kenji; and Dekura, Hitoshi, 4,500,971, Cl. 364-513.500.

Del Laboratories, Inc.: *See—*
Ferrari, Luigi M., 4,508,225, Cl. 206-461.000.

Del Mar Avionics: *See—*
Kelen, George J., 4,532,934, Cl. 128-697.000.
Lisiecki, Andrew I.; and Wong, Alan S., 4,519,398, Cl. 128-710.000.
Wong, Alan S., 4,528,988, Cl. 128-712.000.

Del Monte Corporation: *See—*
Ross, Edward E., 4,552,189, Cl. 141-80.000.

Del Norte Technology, Inc.: *See—*
Kovach, John P., 4,543,530, Cl. 328-108.000.
Parker, William H., 4,536,753, Cl. 340-566.000.

Del West Engineering, Inc.: *See—*
Jette, Paul M., 4,561,392, Cl. 123-90.430.

De LaChapelle, Richard P.: *See—*
Mickelson, Nils P.; and De LaChapelle, Richard P., 4,493,003, Cl. 361-119.000.

Delachaux, C.: *See—*
Boulier, Laurent L., 4,504,310, Cl. 75-27.000.

Delacour, Jacques; Levallois, Emile; Antier, Patrick; and Saint Martin, Francois-Xavier, to Institut Francais du Petrole. Process for recovering polymetal compounds discharged from a submarine hydrothermal source and devices for carrying out the same. 4,533,526, 8-6-85, Cl. 423-1.000.

Delacour, Pierre; and Prost, Roger, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Cryogenic liquid distributing device. 4,506,512, 3-26-85, Cl. 62-49.000.

DeLacy, Thomas J., to Ford Aerospace & Communications Corporation. Method and apparatus for non-destructive testing of composite materials. 4,494,408, 1-22-85, Cl. 73-587.000.

DeLage, Frank. Water-resistant device for protecting an electronic sound producing apparatus and loudspeaker system. 4,562,590, 12-31-85, Cl. 381-90.000.

Delage, Richard A. Fuel fume generator kit. 4,521,181, 6-4-85, Cl. 431-207.000.

Delagi, Richard G.: *See—*
Trenkler, George; and Delagi, Richard G., 4,538,756, Cl. 228-118.000.

Delagneau, Hubert: *See—*
Weiss, Richard; and Delagneau, Hubert, 4,555,819, Cl. 4-223.000.

Delahoussaye, Ronald D.; and Kelly, Gary W., to Georgia Tech Research Institute. Dynamic brake for manual wheelchair. 4,537,415, 8-27-85, Cl. 280-242.0WC.

Delahoussaye, Ronald D.; and Brazell, James W., II, to Georgia Tech Research Institute. Wheelchair anti-rollback mechanism. 4,538,825, 9-3-85, Cl. 280-242.0WC.

Delahoussaye, Ronald D.: *See—*
Kisling, Douglas L.; Hill, Edward C.; and Delahoussaye, Ronald D., 4,558,988, Cl. 416-220.00R.

Delahousse, Philippe: *See—*
Delahousse, Regis; and Delahousse, Philippe, 4,514,885, Cl. 24-557.000.

Delahousse, Regis; and Delahousse, Philippe. Clip with two stable positions of the clothes pin type. 4,514,885, 5-7-85, Cl. 24-557.000.

Delair, Jacques: *See—*
Le Guen, Jacques; Delair, Jacques; and Plessis, Andre, 4,559,640, Cl. 378-113.000.

Delaite, Jean-Francois: *See—*
Remy, Michel N.; Delaite, Jean-Francois; and Woirgard, Guy J., 4,555,924, Cl. 72-307.000.

Delakowitz, Bernd: *See—*
Forberg, Horst; and Delakowitz, Bernd, 4,547,034, Cl. 339-97.00P.

Delalande S.A.: *See—*
Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.
Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.
Bourgery, Guy R.; Lacour, Alain P.; Pourrias, Bernard M.; and Santamaria, Raphael, 4,536,500, Cl. 514-212.000.
Dostert, Philippe L.; Imbert, Thierry F.; and Bucher, Bernard P., 4,536,580, Cl. 546-124.000.
Lacour, Alain P.; Langlois, Michel; Jalfre, Maurice F.; and Bucher, Bernard P., 4,528,380, Cl. 548-250.000.
Moinet, Gerard H.; Dostert, Philippe L.; and Bourgery, Guy R., 4,504,663, Cl. 546-144.000.
Platel, Alain Y.; Lacour, Alain P.; and Bourgery, Guy R., 4,500,531, Cl. 514-255.000.

Delam, Heinz, to GERB Gesellschaft fur Isolierung mbH & Co. KG. Elastic support unit. 4,533,109, 8-6-85, Cl. 248-542.000.

DeLaMater, George B.: *See—*
Milligan, Barton; and DeLaMater, George B., 4,533,763, Cl. 568-716.000.
Milligan, Barton; and DeLaMater, George B., 4,533,765, Cl. 568-763.000.

Delancey, Warren H.: *See—*
Tallman, William R.; McDevitt, Steven C.; and Delancey, Warren H., 4,515,145, Cl. 126-99.00A.

Deland, Francois, to 121004 Canada Inc. Traction device for tires. 4,529,023, 7-16-85, Cl. 152-225.00R.

Deland, Francois. Water cooler bottle closure. 4,534,484, 8-13-85, Cl. 215-307.000.

Deland, Olivier. Internal combustion engine. 4,505,239, 3-19-85, Cl. 123-197.0AC.

Delanese Corporation: *See—*
Choe, Eui W.; and Conciatori, Anthony B., 4,533,725, Cl. 528-336.000.

Delaney, Dennis D.; and Fenton, Donald M., to Union Oil Company of California. Method for reconditioning bacteria-contaminated hydrogen sulfide removing systems. 4,496,534, 1-29-85, Cl. 423-573.00R.

Delaney, Dennis D., to Union Oil Company of California. Method for reconditioning bacteria-contaminated hydrogen sulfide removal systems. 4,532,117, 7-30-85, Cl. 423-226.000.

Delaney, Dennis D.: *See—*
Fenton, Donald M.; Delaney, Dennis D.; and Bingham, F. Emmett, 4,508,537, Cl. 23-293.00S.

Delaney, Edward A. Fishing rod including integral rechargeable bite-indicating means. 4,541,195, 9-17-85, Cl. 43-17.000.

Delaney, Michael J.: *See—*
Stokes, Robert B.; Yen, Kuo-Hsiung; Lau, Kei-Fung; Kagiwada, Reynold S.; and Delaney, Michael J., 4,499,393, Cl. 310-313.00A.

Delaney, Norma G.; and Gordon, Eric M., to E. R. Squibb & Sons, Inc. Use of diamino ketones as analgesic agents. 4,539,312, 9-3-85, Cl. 514-16.000.

Delaney, Norma G.; and Gordon, Eric M., to E. R. Squibb & Sons, Inc. Use of diamino alcohols as analgesic agents. 4,552,866, 11-12-85, Cl. 514-16.000.

Delaney, Norma G.: *See—*
  Weller, Harold N., III; Gordon, Eric M.; and Delaney, Norma G., 4,560,506, Cl. 260-112.50R.

Delaney, Samuel T. Adjustable package carrier. 4,538,737, 9-3-85, Cl. 211-71.000.

Delaney, Sean; and Montague, Herbert R., to Control Concepts Corporation. AC power line transient suppressing circuit. 4,539,617, 9-3-85, Cl. 361-58.000.

Delang, Theodore G. Surgical instrument organizer. 4,512,466, 4-23-85, Cl. 206-370.000.

De Lange, Jan H.; and Fick, Ernest, to Modsa (Proprietary) Limited. Method of and apparatus for curing tobacco. 4,559,956, 12-24-85, Cl. 131-303.000.

DeLange, Richard W. Connector means for use on oil and gas well tubing or the like. 4,538,840, 9-3-85, Cl. 285-333.000.

de Langre, Bruno: *See—*
  Fourre, Remy; and de Langre, Bruno, 4,520,482, Cl. 371-68.000.

de Lannoy, Jean: *See—*
  Baltes, Eugene ; de Lannoy, Jean; and Rodriguez, Ludovic, 4,525,358, Cl. 514-255.000.

Delannoy, Philippe G.; Miller, Granville G.; Eckhardt, Helmut; and Baughman, Ray H., to Allied Corporation. Enhancing conductivity of donor-doped polyacetylene. 4,502,981, 3-5-85, Cl. 252-512.000.

Delano, Charles G. Technique for picking up and laying down pipe. 4,492,502, 1-8-85, Cl. 414-22.000.

Delapierre, Gilles: *See—*
  Chambaz, Bernard; Delapierre, Gilles; and Destannes, Louis, 4,532,016, Cl. 204-38.300.

Delaporte, Francois-Xavier: *See—*
  Carsalade, Henri; Delaporte, Francois-Xavier; and Pantani, Jean-Pierre, 4,516,247, Cl. 375-56.000.

Delaquila, Gary E.: *See—*
  Bercier, John R.; Cieslowski, Thomas C.; Delaquila, Gary E.; Leone, James W.; and Mauersberger, Paul H., 4,553,345, Cl. 40-576.000.

Delarche, Hubert; Brasquies, Alain; and Maures, Michel, to Societe Nationale des Poudres et Explosifs. Process for the manufacture of reels of nitrocellulose thread. 4,546,175, 10-8-85, Cl. 536-35.000.

De Larm, James B. Heating device. 4,516,563, 5-14-85, Cl. 126-101.000.

de Larosiere, Pierre J. Multi-unit tear-away container carrier. 4,518,081, 5-21-85, Cl. 206-158.000.

Delaruelle, Dale H.: *See—*
  Nichols, Richard E.; and Delaruelle, Dale H., 4,553,723, Cl. 246-167.00R.

Delassus, Jean; and Pierrat, Lambert, to Electricite de France (Service National); and CEM Compagnie Electro-Mecanique. Electromagnetic pump. 4,557,667, 12-10-85, Cl. 417-50.000.

Delattre, Joseph: *See—*
  Cluniat, Claude; and Delattre, Joseph, 4,502,076, Cl. 358-160.000.

Delattre, Maurice: *See—*
  Abiven, Henri; Beheydt, Andre; Clermont, Michel; Delattre, Maurice; and Poubeau, Pierre, 4,502,349, Cl. 74-572.000.

DeLau, Bruce E. Portable quick chilling and heating appliance. 4,494,600, 1-22-85, Cl. 165-132.000.

Delaval Turbine Inc.: *See—*
  Tetro, Roland G., 4,536,660, Cl. 307-118.000.

Delaware: *See—*
  Raymond, Roger S., 4,559,797, Cl. 72-63.000.

Delay, Francois: *See—*
  Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, 4,543,429, Cl. 568-446.000.

DeLay, Victor A., Jr., to E-Z Out Container Corp. Portable container with interlocking funnel. 4,557,395, 12-10-85, Cl. 220-86.00R.

Delbacq, Charles J.: *See—*
  Susman, Sherman; Boehm, Leah; Volin, Kenneth J.; and Delbacq, Charles J., 4,542,108, Cl. 501-40.000.

Delbar Products, Inc.: *See—*
  Beck, Marlin E.; and McFarland, Robert W., 4,523,735, Cl. 248-476.000.

Delbarre, Jean, to Electricite de France (Service National). Process and device for drilling the soil. 4,542,796, 9-24-85, Cl. 175-19.000.

Del Bon, Franco: *See—*
  Del Bon, Luigi; and Del Bon, Franco, 4,493,444, Cl. 222-402.220.
  Del Bon, Luigi; and Del Bon, Franco, 4,532,690, Cl. 29-451.000.

Del Bon, Luigi; and Del Bon, Franco. Self-closing valve-and-lid assembly. 4,493,444, 1-15-85, Cl. 222-402.220.

Del Bon, Luigi. Discharge valve for use in a pressurized container. 4,522,318, 6-11-85, Cl. 222-402.240.

Del Bon, Luigi; and Del Bon, Franco. Process for producing a valve-and-lid assembly. 4,532,690, 8-6-85, Cl. 29-451.000.

Del Bon, Luigi. Self-closing tilting valve. 4,541,550, 9-17-85, Cl. 222-402.220.

Del Brocco, Enzo: *See—*
  Sideri, Leonardo; and Del Brocco, Enzo, 4,493,433, Cl. 220-306.000.

Delebecque, Robert P., to Societe Anonyme de Telecommunications; and Societe Industrielle de Liaisons Electriques. Device for arraying the ends of optical fibers spaced out around an axially symmetrical structure. 4,529,266, 7-16-85, Cl. 350-96.230.

Delebecque, Robert P. Device for connecting optical fibers. 4,556,282, 12-3-85, Cl. 350-96.210.

Delebecque, Robert P.: *See—*
  Le Marer, Rene; and Delebecque, Robert P., 4,538,383, Cl. 51-124.00R.

DeLeeuw, Cornelius; and Blunt, Thomas O., to General Electric Company. Force applying apparatus. 4,492,368, 1-8-85, Cl. 269-32.000.

Deleganes, Sam M.; and Den Beste, Steven C., to Tektronix, Inc. Control system employing a rotary knob. 4,561,049, 12-24-85, Cl. 364-130.000.

De Lena, Oscar: *See—*
  Cestaro, Massimo; and De Lena, Oscar, 4,527,164, Cl. 343-713.000.

DeLeon, Alberto: *See—*
  Snider, Scott C.; and DeLeon, Alberto, 4,496,625, Cl. 428-318.400.
  Snider, Scott C.; and DeLeon, Alberto, 4,555,418, Cl. 427-373.000.

Delepine, Jean C. Flow spout for liquid. 4,513,458, 4-30-85, Cl. 4-192.000.

de Leur, Eric J. A.; and Heijenga, Berend. Accessory for counteracting the consequences of vesical incontinence with males. 4,534,353, 8-13-85, Cl. 128-346.000.

Deleuze, Christian J. A.: *See—*
  Fournie, Francois J. C.; and Deleuze, Christian J. A., 4,497,640, Cl. 55-16.000.

Delevallee, Francoise; and Deraedt, Roger, to Roussel Uclaf. Analgesic treatment and compositions. 4,522,816, 6-11-85, Cl. 514-52.000.

Del Fabro, Giorgio: *See—*
  Del Fabro, Marcello; and Del Fabro, Giorgio, 4,524,656, Cl. 83-23.000.

Del Fabro, Marcello; and Del Fabro, Giorgio, to SAE s.r.l. Method for cutting metal rods into shorter lengths. 4,524,656, 6-25-85, Cl. 83-23.000.

Delfino, Allan B.: *See—*
  McTamaney, Louis S.; Delfino, Allan B.; and Bisbee, Gary W., 4,509,901, Cl. 417-18.000.

Delfino, Michelangelo, to Fairchild Camera & Instrument Corporation. Laser induced flow of glass bonded materials. 4,542,037, 9-17-85, Cl. 427-53.100.

Delfino, Michelangelo, to Fairchild Camera & Instrument Corporation. Laser treatment of silicon nitride. 4,549,064, 10-22-85, Cl. 219-121.0LM.

Delfosse, Thierry: *See—*
  Naffrechoux, Etienne; and Delfosse, Thierry, 4,541,203, Cl. 49-485.000.

Delgado, Gary M.: *See—*
  Sidhu, Pawitter S.; and Delgado, Gary M., 4,539,611, Cl. 360-99.000.
  Sidhu, Pawitter S.; and Delgado, Gary M., 4,539,612, Cl. 360-99.000.
  Sidhu, Pawitter S.; and Delgado, Gary M., 4,541,025, Cl. 360-99.000.

Delgrange, Louis, to Thomson-CSF. Process for establishing control signals for an alternating plasma panel. 4,546,289, 10-8-85, Cl. 315-169.400.

Delhaes, Johannes C., to Rubber-En Kunststoffabriek Enbi B.V. Roller, in particular transport roller. 4,495,683, 1-29-85, Cl. 29-119.000.

Delhaes, Pierre: *See—*
  Canet, Roland; Delhaes, Pierre; Dupart, Eliane; Pacault, Adolphe; Pascal, Claude; and Manceau, Jean-Pierre, 4,535,317, Cl. 338-36.000.

Delhaye, Michel M.; Dhamelincourt, Paul A.; da Silva, Edouard F.; and Barbillat, Jacques H., to Agence Nationale de Valorisation de la Recherche. Device optimizing the coupling of two optical systems for the observation and analysis of objects. 4,523,799, 6-18-85, Cl. 350-6.300.

Delhomme, Georges: *See—*
  Dittmar, Andre; Delhomme, Georges; Pellissier, Jean-Pierre; and Schmitt, Michel, 4,528,991, Cl. 128-804.000.

Delia, Anthony, to Drackett Company, The. Child-resistant closure. 4,516,683, 5-14-85, Cl. 215-211.000.

Delignieres, Robert, to Institut Francais du Petrole. Telemetering acoustic method for determining the relative position of a submerged object with respect to a vehicle and device therefor. 4,559,621, 12-17-85, Cl. 367-130.000.

Deligny, Jean, to Societe Anonyme D.B.A. Device for attaching to a wall the end of a sheath in which a control cable is slidably received. 4,549,709, 10-29-85, Cl. 248-56.000.

DeLigt, John, to Westvaco Corporation. Method of using a veneer butt-end splicer. 4,500,376, 2-19-85, Cl. 156-159.000.

DeLigt, John; and Nikkel, Willem A., to Westvaco Corporation. Method and apparatus for wrapping paper rolls. 4,505,090, 3-19-85, Cl. 53-137.000.

De Lima Castro Netto, Eduardo. Security sealing system. 4,512,599, 4-23-85, Cl. 292-307.00R.

De Lima Castro Netto, Eduardo. Sliding closure assemblies. 4,520,534, 6-4-85, Cl. 24-399.000.

Deline, Gordon R.: *See—*
  Bowden, Edgar A.; Deline, Gordon R.; and Koeijmans, Gerard D., 4,511,999, Cl. 367-23.000.

Delio, Ralph D.; and Diemer, Donald J. Method and apparatus for preforming a billet with no draft and no flash. 4,555,925, 12-3-85, Cl. 72-359.000.

Delio, Ralph D.; and Diemer, Donald J. Method and apparatus for forging wedge-shaped parts. 4,559,804, 12-24-85, Cl. 72-356.000.

Delius, Henry B., to Arcair Company. Constant potential/constant current automatic control system for air-carbon arc metal removal. 4,492,841, 1-8-85, Cl. 219-69.00R.

Delivorias, Peter, to Prime Computer, Inc. Method of fabricating n-type silicon regions and associated contacts. 4,542,580, 9-24-85, Cl. 29-590.000.

Delkor Industries, Inc.: *See—*
  Mohaupt, John M., 4,546,594, Cl. 53-447.000.

Dell, John D., to Minnesota Mining and Manufacturing Company. Film-forming composition containing an antimicrobial agent and methods. 4,542,012, 9-17-85, Cl. 424-28.000.
Dell, Ralph B.; Winters, Robert W.; and Heird, William C., to Columbia University, The Trustees of. Amino acid solutions for parenteral nutrition and methods of formulation and use. 4,491,589, 1-1-85, Cl. 424-274.000.
Dell, Ronald M.: *See—*
  Brown, David J.; Markin, Trevor L.; and Dell, Ronald M., 4,492,744, Cl. 429-217.000.
Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, to General Foods Corporation. Process for making a freeze-thaw stable edible foam containing milk fat. 4,505,943, 3-19-85, Cl. 426-565.000.
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Della-Moretta, Leonard B. Aircraft towing and carrying linkage systems having high stability. 4,500,056, 2-19-85, Cl. 244-137.00R.
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  Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, 4,528,099, Cl. 210-489.000.
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Dellario, Patrick R., to American Standard Inc. Pneumatic plunger-type valve. 4,553,736, 11-19-85, Cl. 251-334.000.
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Deller, David L., to TRW Inc. Cutting tool. 4,560,308, 12-24-85, Cl. 407-53.000.
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  Justice, James C.; and Delli-Gatti, Frank A., Jr., 4,556,257, Cl. 299-68.000.
Delligatii, Patrick; and Steen, Hans F., to Dalemark Industries, Inc. Ink jet printing system. 4,542,386, 9-17-85, Cl. 346-140.00R.
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  Breidenbach, Dieter; Mosebach, Wilhelm; and Dellmann, Winfried, 4,495,031, Cl. 201-28.000.
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Delluc, Rene E. Wind-up thermal insulating awning. 4,495,977, 1-29-85, Cl. 160-70.000.
Delluc, Rene E. Tubular vacuum-tight enclosures for thermal and acoustical insulating panels. 4,513,041, 4-23-85, Cl. 428-69.000.
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  Roos, Eberhard, 4,517,632, Cl. 362-389.000.
Delman, Dennis J., to Harris Corporation. Hardware median filter. 4,513,440, 4-23-85, Cl. 382-30.000.
Delman, Ralph. Insulated plastic frame for doors, windows and the like. 4,516,356, 5-14-85, Cl. 49-504.000.
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  Le Bigot, Yves; Audoye, Paul; Delmas, Michel; and Gaset, Antoine, 4,562,273, Cl. 549-473.000.
DelMastro, Bartolomeo P.; and Eckart, Frederick, to United Technologies Corporation. Feather seal slot for vanes. 4,549,058, 10-22-85, Cl. 219-121.0LC.
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  Woodnutt, John P., 4,508,997, Cl. 315-360.000.
Del Medico, Anthony P., to Siemens Eammasonics, Inc. Method and device for producing nuclear images. 4,562,353, 12-31-85, Cl. 250-363.00S.
Delmege, Arthur H.; El-Ibiary, Yehia M.; Rode, Melvin A.; and Taplin, Lael B., to Vickers, Incorporated. Apparatus for estimating plural system variables based upon a single measured system variable and a mathematical system model. 4,502,109, 2-26-85, Cl. 364-174.000.
Delmege, James W.: *See—*
  Caplan, Jerome S.; Delmege, James W.; Laman, Robert R.; and Navarro, Christine, 4,527,012, Cl. 179-18.0ES.
Delmer, Daniel W. C.; and Delmer, William A., to Delmer, William W. C. Multichamber drip irrigation hose. 4,548,360, 10-22-85, Cl. 239-542.000.
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DeLoach, Walter W. Closed loop water treating system and method. 4,508,545, 4-2-85, Cl. 55-53.000.
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DeLong, Charles E.; and Eck, Gary A., to Kimball International, Inc. Electronic piano. 4,493,237, 1-15-85, Cl. 84-1.260.
DeLong, Sanford D., to Energy 76, Inc. Electromagnetic reciprocating pump and motor means. 4,541,787, 9-17-85, Cl. 417-417.000.
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  Bouiller, Jean G.; Delonge, Jean-Claude L.; Rigo, Marcel L. A.; and Zietek, Didier G., 4,516,910, Cl. 416-190.000.
  Bouiller, Jean G.; and Delonge, Jean-Claude L., 4,522,557, Cl. 415-115.000.
Delony, Timothy E.; and Chu, Daniel Y. M., to Bio-Rad Laboratories, Inc. End clamp for gel slab plate assembly. 4,518,476, 5-21-85, Cl. 204-299.00R.
Delor, Michel; and Bruyere, Michel, to Framatome & Cie. Method of protection of a pressurized-water nuclear reactor. 4,555,382, 11-26-85, Cl. 376-216.000.
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DeLorenzo, Dana, to DBS, Inc. Validator/imprinter apparatus. 4,545,302, 10-8-85, Cl. 101-269.000.
De Lorenzo, Fred. Motorized variable speed treadmill. 4,502,679, 3-5-85, Cl. 272-69.000.
de Lorenzo, Mark X.; Hoffpauir, Charles R.; Hutchins, Johnnie R.; Meyer, Timmy R.; Page, John E.; and Poehl, Michael E., to Standard Oil Company (Indiana). Method and apparatus for controlling the discharge of product from vapor phase polymerization of monomers in a horizontal stirred-bed reactor. 4,535,134, 8-13-85, Cl. 526-88.000.
DeLorme, David M. Universal hub for geodesic type structures. 4,521,998, 6-11-85, Cl. 52-81.000.
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Delpercio, Mariano; and Molloy, Edward W., to General Motors Corporation. Combined bearing and variable speed viscous coupling. 4,540,075, 9-10-85, Cl. 192-58.00R.
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  Gretchev, Vladimir, 4,494,129, Cl. 346-154.000.
  Maczuszenko, Andrzej; Davison, Ernest; Otter, Brian; Whittaker, Brian F.; Novak, Christopher; and Landheer, Dolf, 4,516,847, Cl. 355-3.0TR.
  Stirrat, John C.; Hurley, Kenneth L.; and Whittaker, Brian F., 4,548,490, Cl. 355-3.0DD.
Delpit, Philippe; Duplessis, Philippe; and Renaudin, Yves, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Digital frequency receiver. 4,510,601, 4-9-85, Cl. 370-110.300.
Delpy, David T.: *See—*
  Parker, Dawood; and Delpy, David T., 4,541,901, Cl. 204-1.00T.
Del Raso, Americo. Rudder for aquatic craft. 4,548,149, 10-22-85, Cl. 114-162.000.
Delrieu, Jean-Marc: *See—*
  Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis, and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.

Del Rosario, Luis. Speaker assembly. 4,493,389, 1-15-85, Cl. 181-152.000.

Del Rosario, Luis. Fishtank. 4,538,547, 9-3-85, Cl. 119-5.000.

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Delso, James A., to 3-D Enterprises, Inc. Grinding apparatus. 4,502,250, 3-5-85, Cl. 51-80.00A.

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Delta Central Refining, Inc.: *See—*

O'Blasny, Richard H., 4,504,383, Cl. 208-179.000.

Delta Engineering Co.: *See—*

Robinson, Richard T., 4,511,278, Cl. 403-172.000.

Delta Engineering Ltd.: *See—*

Halmos, George T., 4,516,370, Cl. 52-245.000.

Delta Kogyo Co., Ltd.: *See—*

Otani, Toshiaki; Chihara, Takeshi; and Nishikori, Tsutomu, 4,533,027, Cl. 192-8.00C.

Delta-Real Establishment: *See—*

Morax, Francois, 4,527,455, Cl. 83-588.000.

Delta Recherche et Developpement: *See—*

Dozier, Jose J., 4,507,929, Cl. 62-79.000.

Delta Screw Nederland B.V.: *See—*

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Delta-X Corporation: *See—*

Eicher, Dean A.; and McKee, Fount E., 4,509,552, Cl. 137-557.000.

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De Roo, Minno, 4,520,278, Cl. 307-253.000.

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Berg, Harvey F.; Peterson, Lyle; and Leslie, James E., 4,559,038, Cl. 604-153.000.

Delton, Mary H.; and Daniel, Daniel S., to Eastman Kodak Company. Alkali metal ion-selective compositions and elements and a method of using same. 4,504,368, 3-12-85, Cl. 204-1.00T.

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Del Tufo, Mark J.; Lake, Ralph J., Jr.; and Solomon, Stephen R., to Burroughs Corporation. Coupling arrangement. 4,498,802, 2-12-85, Cl. 403-300.000.

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Mayr, Adolfo; Giannini, Umberto; Susa, Ermanno; Longi, Paolo; Giachetti, Ettore; and DeLuca, Domenico, 4,542,198, Cl. 526-125.000.

DeLuca, Frank T.; and Dobson, Gordon A., to Lockheed Corporation. Cargo door assembly. 4,498,648, 2-12-85, Cl. 244-118.300.

De Luca, Giovanna; Di Stazio, Giovanni; Politi, Vincenzo; and Materazzi, Mario, to Polifarma S.p.A. Use of 3-indolepyruvic acid for increasing serotonin. 4,551,471, 11-5-85, Cl. 514-419.000.

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De Luca, Paul V., to Porta Systems Corp. Wire plug assembly. 4,519,663, 5-28-85, Cl. 339-99.00R.

De Luca, Paul V.; and Neuwirth, Helmuth, to Porta Systems Corp. Telephone protector module with auxiliary fusible element. 4,535,379, 8-13-85, Cl. 361-124.000.

DeLuccia, Nancy, executrix: *See—*

DeLuccia, Victor C., deceased; DeLuccia, Nancy, executrix; Grincell, Ann, executrix; and Kolodziejcuk, Henriette, executrix, 4,502,482, Cl. 128-207.150.

DeLuccia, Victor C., deceased; DeLuccia, Nancy, executrix; Grincell, Ann, executrix; and Kolodziejcuk, Henriette, executrix. Endotracheal tube complex. 4,502,482, 3-5-85, Cl. 128-207.150.

Delucia, Anthony, to Canron Corp. Tamping tool retainer. 4,501,200, 2-26-85, Cl. 104-10.000.

DeLue, Norman R., to PPG Industries, Inc. Electro organic method and apparatus for carrying out same. 4,539,080, 9-3-85, Cl. 204-74.000.

Deluxe Innovations, Inc.: *See—*

Petricka, Ronald E., 4,517,699, Cl. 15-104.040.

de Luzinais, Jacques G.: *See—*

Mimoun, Hubert; Saussine, Lucien; Daire, Erick; Robine, Alain; and de Luzinais, Jacques G., 4,529,824, Cl. 568-803.000.

Del Val, Sagrario M.: *See—*

Zimmerman, Sheldon B.; Wilson, Kenneth E.; Monaghan, Richard L.; Del Val, Sagrario M.; Fernandez, Maria I. M.; Hensens, Otto D.; Flor, James E.; and Deriso, Cheryl, 4,545,991, Cl. 514-100.000.

Del Valle, Jamie L., to Master Modular Homes, Inc. Method for precasting steel reinforced concrete box-like modules. 4,495,131, 1-22-85, Cl. 264-256.000.

Delvaux, Myriam: *See—*

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Delvaux, Pierre: *See—*

Lalancette, Jean-Marc; Cossette, Marcel; and Delvaux, Pierre, 4,495,223, Cl. 427-215.000.

Del Vecchio, Alfonso; and Sestini, Grazia, to Scharper S.p.A. per l'Industria Farmaceutica. 2-(4-biphenylyl)-4-hexenoic acid and derivatives thereof having anti-inflammatory activity. 4,562,287, 12-31-85, Cl. 562-492.000.

Delzant, Marcel, to Glaverbel. Modifying glass bead surfaces. 4,542,066, 9-17-85, Cl. 428-406.000.

Delzant, Marcel, to Glaverbel. Gas-filled glass beads and method of making. 4,547,233, 10-15-85, Cl. 149-2.000.

Delzell, Susan C.: *See—*

Barry, Robert F.; Delzell, Susan C.; Wilson, John F.; and Nylund, Theodore W., 4,560,532, Cl. 376-434.000.

Demain, Arnold L.: *See—*

Johnson, Eric A.; Demain, Arnold L.; and Madia, Ashwin, 4,540,664, Cl. 435-99.000.

Demaison, Gerard J.; and Kaplan, Isaac R., to Chevron Research Company. Predicting hydrocarbon potential of an earth formation underlying a body of water by analysis of seeps containing low concentrations of carbonaceous gases. 4,560,664, 12-24-85, Cl. 436-29.000.

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Deman, Pierre; and Butin, Henri, to Thomson-CSF. Frequency-hopping radio communications system. 4,554,668, 11-19-85, Cl. 375-1.000.

Deman, Pierre; and Butin, Henri, to Thomson-CSF. Frequency jump radiocommunications system with interburst redundancy. 4,554,669, 11-19-85, Cl. 375-1.000.

Deman, Pierre; and Potage, Jean, to Thomson-CSF. Speech processing device for radioelectric equipment adapted for speech transmission and reception. 4,562,571, 12-31-85, Cl. 370-7.000.

Demand, Erhart E., to Temptronic Corporation. Rotatable inspection table. 4,491,173, 1-1-85, Cl. 165-11.00R.

Demange, Michel: *See—*

Ambroise, Modeste; Demange, Michel; Lebizay, Gerald; Munier, Jean-Marie; and Peyronnenc, Michel H. P., 4,539,678, Cl. 370-86.000.

Demangeon, Yvon; and Jacques, Alain, to Colgate-Palmolive Company. Light duty detergents containing an organic diamine diacid salt. 4,556,509, 12-3-85, Cl. 252-542.000.

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De Marchi, Jean-Louis: *See—*

Petrini, Roland; and De Marchi, Jean-Louis, 4,555,830, Cl. 24-68.0SK.

Petrini, Roland; and De Marchi, Jean-Louis, 4,561,196, Cl. 36-118.000.

Pradier, Serge; and De Marchi, Jean-Louis, 4,553,292, Cl. 24-70.0SK.

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DeMarco Energy Systems, Inc.: *See—*

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DeMarco, Joseph M.: *See—*

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DeMarco, Joseph P.: *See—*

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DeMarco, Richard; and Ferguson, John A., to Clairol Incorporated. Low ammonia bleach compositions. 4,507,278, 3-26-85, Cl. 424-62.000.

De Marco, Richard; Varco, Joseph; Wolfram, Leszek J.; and Wong, Michael, to Clairol Incorporated. Hair conditioning composition and process. 4,529,586, 7-16-85, Cl. 424-70.000.

DeMarco, Richard E.; Hopkins, David; and Deegan, Dennis I., to Westvaco Corporation. Core plug. 4,547,417, 10-15-85, Cl. 428-64.000.

DeMarco, Ronald A.: *See—*

Kovacena, Thomas A.; DeMarco, Ronald A.; and Snow, Arthur W., 4,551,349, Cl. 427-255.600.

Kovacina, Thomas A.; DeMarco, Ronald A.; and Snow, Arthur W., 4,535,011, Cl. 427-255.600.

Demarest, Henry M., Jr., to PPG Industries, Inc. Two stage batch liquefaction process and apparatus. 4,519,814, 5-28-85, Cl. 65-27.000.

Demarest, Henry M., Jr.; and Matesa, Joseph M., to PPG Industries, Inc. Method of calcining and liquefying glass batch 4,539,030, 9-3-85, Cl. 65-27.000.

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Grudkowski, Thomas W.; DeMaria, Anthony J.; Shuskus, Alexander J.; and Grantham, Daniel H., 4,491,761, Cl. 310-359.000.

De Maria, Francesco; and Streetman, William E., to American Cyanamid Company. Hydrophilic, water-absorbing acrylonitrile polymer fiber. 4,515,859, 5-7-85, Cl. 428-398.000.

DeMarinis, Robert M.; Hieble, Jacob P.; and Matthews, William D., to SmithKline Beckman Corporation. Pharmaceutical compositions and methods for producing alpha antagonism. 4,496,558, 1-29-85, Cl. 514-213.000.

DeMarinis, Robert M.; Hieble, Jacob P.; Kaiser, Carl; and Wilson, James W., to SmithKline Beckman Corporation. Dopaminergic agonist N,N-di-n-propyl-4-hydroxy-3-methanesulfonamidophenethylamine. 4,507,320, 3-26-85, Cl. 514-605.000.

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De Marsh, Melvin J. Halide and like light reflector and socket assembly. 4,538,215, 8-27-85, Cl. 362-282.000.

Demartini, Robert J. Hangers for rain gutter devices. 4,497,146, 2-5-85, Cl. 52-12.000.

Dembowski, Peter V.; and Dobras, Quentin D., to General Electric Company. Fluorescent lamp with cathode heat switches. 4,517,493, 5-14-85, Cl. 315-73.000.

Demchenko, Yaroslav P.: *See—*

Golik, Georgy A.; Demchenko, Yaroslav P.; Lozinsky, Miron O.; Malovik, Vladlen V.; and Semeny, Valery Y., 4,557,754, Cl. 71-98.000.

Demco, Inc.: *See—*

Burns, Daniel E., 4,532,774, Cl. 62-239.000.

DeMejo, Lawrence P.: *See—*

Wilson, John C.; DeMejo, Lawrence P.; Jadwin, Thomas A.; and Merrill, Stewart H., 4,496,643, Cl. 430-110.000.

Demenais, Claude, to Societe Industrielle de Transports Automobiles "SITA" . Apparatus for charging solids under compression into a receptacle. 4,551,055, 11-5-85, Cl. 414-293.000.

Demeny, Gary L.; and Smead, Robert G., to Caterpillar Tractor Co. Apparatus for removing an electrostatic charge from a charge collector. 4,550,678, 11-5-85, Cl. 118-630.000.

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Demerson, Christopher A.; and Humber, Leslie G., to American Home Products Corporation. Resolution of (±)-1,8-diethyl-1,3,4,9-tetrahydropyrano[3,4,-b] indole-1-acetic acid using enrichment crystallization. 4,515,961, 5-7-85, Cl. 548-432.000.

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Demerson, Christopher A.: *See—*

Abraham, Nedumparambil A.; and Demerson, Christopher A., 4,501,899, Cl. 548-432.000.

Abraham, Nedumparambil A.; and Demerson, Christopher A., 4,520,203, Cl. 548-432.000.

De Mesmaeker, Ivan: *See—*

Bulaty, Paul; De Mesmaeker, Ivan; Franc, Zdenek; and Salerno, Giuseppe, 4,511,839, Cl. 324-127.000.

Demetriades, Peter G. Floor cleaning pad. 4,536,911, 8-27-85, Cl. 15-230.120.

Demetron, Inc.: *See—*

Hunt, Charles d'A., 4,558,729, Cl. 164-122.000.

De Metz, Frederick C.; and Rackliffe, John R., to Allied Corporation. Construction and method for elongated towed underwater sonar. 4,538,250, 8-27-85, Cl. 367-154.000.

Demeulemeester, Jean-Marc: *See—*

Demeulemeester, Jean R.; and Demeulemeester, Jean-Marc, 4,505,937, Cl. 426-8.000.

Demeulemeester, Jean R.; and Demeulemeester, Jean-Marc. Method of pasteurizing vegetables for marketing. 4,505,937, 3-19-85, Cl. 426-8.000.

Demeure, Alain, to Thomson-CSF. Signal-processing multiprocessor system. 4,542,455, 9-17-85, Cl. 364-200.000.

deMey, Charles F., II, to Perkin-Elmer Corporation, The. Slip clutch assembly. 4,560,050, 12-24-85, Cl. 192-81.00C.

DeMeyer, Roy W.; and Kozi, Martin F., to Magnetrol International, Incorporated. Electronic level detector. 4,537,061, 8-27-85, Cl. 73-290.00R.

Demi, Roy C. Apparatus adaptable for treating animals. 4,513,741, 4-30-85, Cl. 128-205.250.

Deming, Chandler R.: *See—*

Roes, John B.; Kelly, Guy M.; Case, Robert F.; and Deming, Chandler R., 4,535,892, Cl. 209-3.300.

Demizu, Hiromi: *See—*

Sakai, Katsuo; and Demizu, Hiromi, 4,521,502, Cl. 430-42.000.

Demizu, Michinosuke: *See—*

Okumura, Mitsuhiro; Naya, Eizo; and Demizu, Michinosuke, 4,517,033, Cl. 148-432.000.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.

Demko, David J. Pigeon cage assembly. 4,513,686, 4-30-85, Cl. 119-15.600.

Demler, Michael J., to General Electric Company. Voltage comparator. 4,539,495, 9-3-85, Cl. 307-530.000.

Demmel, Enzio: *See—*

Bohlen, Heinz; and Demmel, Enzio, 4,508,992, Cl. 315-5.390.

Demmer, Christopher G., to Ciba-Geigy Corporation. Water-soluble or water-dispersible resinous sulphur or phosphorus containing salts, their preparation, and their use in coatings. 4,507,446, 3-26-85, Cl. 525-523.000.

Demmer, Walter; Gutsmann, Rolf D.; and Lenth, Jurgen, to U.S. Philips Corporation. Digital FM demodulator using a filter having a linearly sloping frequency-amplitude characteristic. 4,499,427, 2-12-85, Cl. 329-107.000.

Demmin, Timothy R.: *See—*

Soriano, David S.; Demmin, Timothy R.; and Robinson, Martin A., 4,507,251, Cl. 260-944.000.

Demny, Florian C.: *See—*

Stewart, Thomas L.; and Demny, Florian C., 4,492,639, Cl. 210-746.000.

Stewart, Thomas L.; and Demny, Florian C., 4,510,060, Cl. 210-746.000.

Stewart, Thomas L.; and Demny, Florian C., 4,543,191, Cl. 210-746.000.

de Monbrison, Christian, to Agro-Technics International Ltd. Hydroponic culture method for animal food and device for carrying out said method. 4,493,163, 1-15-85, Cl. 47-61.000.

De Monte, Arthur P.: *See—*

Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Hopper, Steven P., 4,556,725, Cl. 556-442.000.

Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Mehta, Kunj R., 4,558,146, Cl. 556-410.000.

Demonte, Filippo; and Figini, Mario, to Ing. C. Olivetti & C., S.p.A. Electronic typewriter. 4,553,866, 11-19-85, Cl. 400-144.200.

Demonte, Flippo; and Figini, Mario, to Ing. C. Olivetti & C., S.p.A. Electronic typewriter. 4,500,216, 2-19-85, Cl. 400-8.000.

de Montigny, Armand; Illger, Hans-Walter; Gonzalez-Doerner, Alberto C.; and Moretto, Hans-Heinrich, to Bayer Aktiengesellschaft. Preparation of polysiloxane/polyoxyalkylene copolymer useful as stabilizers in making polyurethane foams. 4,497,962, 2-5-85, Cl. 556-446.000.

Demopoulos, Dino M., to Murray Machinery, Inc. Disc type wood chipper knife having positioning serrations and intermediate land therebetween. 4,503,893, 3-12-85, Cl. 144-176.000.

Demopoulos, George P.; and Distin, Philip A., to Royal Institution for the Advancement of Learning (McGill University), The. Process for the production of cobalt, nickel and copper powders from chelating extractants. 4,541,861, 9-17-85, Cl. 75-0.50A.

Demorest, Donald W., to Deere & Company. Row crop harvester guidance system control circuit. 4,505,094, 3-19-85, Cl. 56-10.200.

DeMoss, Dean: *See—*

Ragle, Herbert U.; and DeMoss, Dean, 4,514,778, Cl. 360-133.000.

DeMoss, Larry A., to Edwards, Stephen A., a part interest. Seat attachment and steering arrangement for recumbent bicycle or the like. 4,527,811, 7-9-85, Cl. 280-281.0LP.

Demoulin, Bernard: *See—*

Maupetit, Philippe; and Demoulin, Bernard, 4,503,034, Cl. 424-80.000.

Demoute, Jean-Pierre: *See—*

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,500,720, Cl. 549-313.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,501,704, Cl. 260-465.00R.

Martel, Jacques; Tessier, Jean; Demoute, Jean-Pierre; and Jolly, Jean, 4,513,147, Cl. 562-506.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,554,361, Cl. 549-302.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,556,732, Cl. 562-577.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,562,282, Cl. 560-184.000.

Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, 4,537,897, Cl. 514-351.000.

Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, 4,556,666, Cl. 514-351.000.

Demovic, Vojtech: *See—*

Schmidhuber, Karl; Wall, Helmut; and Demovic, Vojtech, 4,498,703, Cl. 297-328.000.

Dempsey, Edmond N., to Peerless Machine & Tool Corporation. Small press for forming sheet material. 4,497,620, 2-5-85, Cl. 425-145.000.

Dempsey, Jock D.: *See—*

Dempsey, John D.; and Dempsey, Jock D., 4,491,043, Cl. 81-58.000.

Dempsey, John D.; and Dempsey, Jock D., 4,553,453, Cl. 81-58.000.

Dempsey, John C., to Taggents, Inc. Method and apparatus for measuring the rate at which air infiltrates into and out of buildings. 4,493,207, 1-15-85, Cl. 73-40.700.

Dempsey, John D.; and Dempsey, Jock D. Stepless wrench including quick release mechanism. 4,491,043, 1-1-85, Cl. 81-58.000.

Dempsey, John D.; and Dempsey, Jock D. Stepless wrench including quick release mechanism. 4,553,453, 11-19-85, Cl. 81-58.000.

Dempsey, John M., to Ultralight Flight, Inc. Ultralight aircraft. 4,548,371, 10-22-85, Cl. 244-13.000.

Dempsey, Levi T., Jr. Biofeedback system. 4,557,275, 12-10-85, Cl. 128-782.000.

Dempsey, Russell M.: *See—*
LaConti, Anthony B.; Enos, John F.; Dempsey, Russell M.; and Fragala, Anthony R., 4,528,083, Cl. 204-265.000.

Dempster, Roy E.: *See—*
LeBrun, Thomas Q.; Torkelson, John; Dempster, Roy E.; and Van Tyne, Richard G., 4,510,619, Cl. 382-57.000.

Demro Products, Inc.: *See—*
Wilhelm, Gary, 4,523,510, Cl. 89-141.000.

Demukai, Noboru: *See—*
Sugiura, Sabro; Fujita, Senji; Kanada, Kenji; Demukai, Noboru; and Okamoto, Tetuo, 4,531,971, Cl. 75-13.000.

de Munck, Johannes W. J.: *See—*
Bussink, Jan; and de Munck, Johannes W. J., 4,529,652, Cl. 428-379.000.
Bussink, Jan; de Munck, Johannes W. J.; and Marie van Abeelen, Petrus C. A., 4,537,930, Cl. 524-505.000.

DeMunda, Gabriel P.: *See—*
Kaiser, Gregory A.; DeMunda, Gabriel P.; and Tressler, Richard E., 4,525,429, Cl. 428-566.000.

Demus, Dietrich; Weissflog, Wolfgang; and Kresse, Horst, to VEB Werk fur Fernsehelektronik im VEB Kombinat Mikroelektronik. Nematic liquid crystals and method of production. 4,519,936, 5-28-85, Cl. 252-299.630.

Demus, Dietrich; Vorbrodt, Hans-Matthias; Hauser, Anton; Vogel, Jorg; and Zaschke, Horst, to VEB Werk fur Fernsehelektronik im VEB Kombinat Mikroelektronik. Nematic liquid crystals and method for production thereof. 4,521,327, 6-4-85, Cl. 252-299.610.

Demuth, Dietmar, to Thomson-CSF. Receiver device for a multi-element ultrasonic probe echograph and echograph equipped in this way. 4,499,902, 2-19-85, Cl. 128-660.000.

Demuth, Robert; and Staeheli, Paul, to Rieter Machine Works, Ltd. Card. 4,528,722, 7-16-85, Cl. 19-98.000.

Demyanovich, Nikolai A.: *See—*
Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.; and Berdiev, Oleg S., 4,519,437, Cl. 164-284.000.

Demyon, Thomas R. Safety sight. 4,557,216, 12-10-85, Cl. 116-227.000.

Denaci, Herbert G., to Grumman Aerospace Corporation. Method of directing a close attack missile to a target. 4,530,270, 7-23-85, Cl. 89-1.110.

Denamps, Jean: *See—*
Burkel, Rainer; Bayle, Rene; Denamps, Jean; and Goussin, Roger, 4,504,770, Cl. 318-560.000.

Denamur, Alain: *See—*
Wartelle, Claude; Favey, Charles; and Denamur, Alain, 4,498,799, Cl. 403-140.000.

Denance, Raymond. Apparatus for performing intradermal, subcutaneous of intramuscular injections. 4,512,767, 4-23-85, Cl. 604-137.000.

Denar Corporation: *See—*
Polizzotto, Joseph F., 4,561,846, Cl. 433-73.000.
Rolfs, Donald, 4,541,807, Cl. 434-264.000.

Den Beste, Steven C.; Boyce, Douglas G.; Blattner, John D.; and Hillen, Kenneth K., to Tektronix, Inc. Digital signal sampling system with two unrelated sampling timebases. 4,558,422, 12-10-85, Cl. 364-480.000.

Den Beste, Steven C.: *See—*
Deleganes, Sam M.; and Den Beste, Steven C., 4,561,049, Cl. 364-130.000.

Denbigh, Paul L.; Seddon, Richard J.; and Jones, Bryan F., to Thorn EMI plc. High pressure discharge lamps with means for reducing rectification. 4,539,511, 9-3-85, Cl. 313-624.000.

Den Bleyker, Joseph R., to Clark Equipment Company. Bulldozer tilt mechanism. 4,541,493, 9-17-85, Cl. 172-824.000.

DenBoer, William: *See—*
Guha, Subhendu; and DenBoer, William, 4,555,586, Cl. 136-259.000.

Dench, Godfrey R. M., to BICC Public Limited Company. Electric and/or optical cable. 4,497,537, 2-5-85, Cl. 350-96.230.

Denckert, Lennart H. Electric distribution center. 4,492,419, 1-8-85, Cl. 339-18.00C.

Denda, Masahiko; and Tsubouchi, Natsuro, to Mitsubishi Denki Kabushiki Kaisha. Device for detecting infrared rays. 4,524,374, 6-18-85, Cl. 357-15.000.

Denda, Masahiko; Sato, Shinichi; Tsubouchi, Natsuro; Kinoshita, Shigeji; and Ohbayashi, Yoshikazu, to Mitsubishi Denki Kabushiki Kaisha. Process for manufacturing a semiconductor memory device. 4,535,530, 8-20-85, Cl. 29-571.000.

Denda, Masahiko: *See—*
Tsubouchi, Natsuro; and Denda, Masahiko, 4,496,964, Cl. 357-30.000.

Deneen, Michael. Apparatus for drilling a plurality of bores in a lawn. 4,511,004, 4-16-85, Cl. 172-21.000.

Denef, Dan E.: *See—*
Kravitz, Marvin; Freedman, Larry A.; Fredd, Elmer H.; and Denef, Dan E., 4,495,520, Cl. 358-219.000.

Deneke, Klaus: *See—*
Allemann, Kurt; Deneke, Klaus; Hass, Hansjurgen; and Vogel, Gunter, 4,504,315, Cl. 106-89.000.

Deneke, Ulfert: *See—*
Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, 4,544,631, Cl. 435-14.000.

Denerik Creativity, Inc.: *See—*
Wloszczyna, Donald R., 4,502,605, Cl. 215-230.000.

Deng, Shye-Yih. Boiler-driven power generator. 4,519,212, 5-28-85, Cl. 60-669.000.

Dengen Automatic Co. Ltd.: *See—*
Okuno, Toshinori; and Nakamura, Hiroshi, 4,534,561, Cl. 273-149.00R.

DenHartog, Herman C.; and Walus, Aloysius N., to Du Pont de Nemours, E. I., and Company. Coating composition of an acrylic polymer having amino ester groups and a glycidyl acrylic polymer. 4,525,521, 6-25-85, Cl. 524-517.000.

DenHartog, Herman C.; and Walus, Aloysius N., to Du Pont de Nemours, E. I., and Company. Coating composition of an acrylic polymer having ethylenically unsaturated groups and an acrylic polymer having primary amine groups. 4,529,765, 7-16-85, Cl. 524-294.000.

den Hollander, Willem, to RCA Corporation. Horizontal deflection phasing arrangement. 4,510,527, 4-9-85, Cl. 358-158.000.

Denholm, A. Stuart: *See—*
Hirvonen, James K.; Wittkower, Andrew B.; and Denholm, A. Stuart, 4,528,208, Cl. 427-35.000.

Denholm, William T.; Floyd, John M.; Errington, William J.; and Parry, Anthony N., to Mount Isa Mines Limited. High intensity lead smelting process. 4,514,222, 4-30-85, Cl. 75-77.000.

Denice C. Reich Inc.: *See—*
Volk, Russell D., 4,557,351, Cl. 184-18.000.

DeNicolo, William; and Nakada, Pershing. Method and device for selective separation of fine metal particles. 4,512,760, 4-23-85, Cl. 494-37.000.

de Niet, Edmond, to U.S. Philips Corporation. Apparatus for reading a record carrier. 4,542,425, 9-17-85, Cl. 360-77.000.

de Niet, Edmond: *See—*
Hofelt, Martijn H. H.; de Niet, Edmond; and Rijckaert, Albert M. A., 4,511,933, Cl. 360-47.000.
Rijckaert, Albert M. A.; and de Niet, Edmond, 4,517,612, Cl. 360-67.000.

Denike, Stuart K.: *See—*
Torbov, Tsvetan I.; Offen, George R.; and Denike, Stuart K., 4,555,996, Cl. 110-345.000.

Denis, Bernard. Apparatus for presenting a target at a window. 4,548,414, 10-22-85, Cl. 273-367.000.

Denis, Jacques; Sillion, Bernard; Damin, Bernard; and Leger, Robert, to Institut Francais du Petrole; and Elf France. Copolymers with nitrogen groups, useful as additives for decreasing the cloud point of hydrocarbon middle distillates and compositions containing them. 4,511,369, 4-16-85, Cl. 44-62.000.

Denis, Jacques; Senneron, Michel; and Sillion, Bernard, to Institut Francais du Petrole. Dispersing additive compositions for lubricating oils and their manufacture. 4,560,490, 12-24-85, Cl. 252-51.50A.

Denis, Michel, to Stein Heurtey S.A. Furnace with refractory beams. 4,556,385, 12-3-85, Cl. 432-122.000.

Denis, Philippe V., to Staar S.A. Cleaning mode for discs or records. 4,519,059, 5-21-85, Cl. 369-74.000.

Denis, Robert: *See—*
Nebon, Jean-Pierre; Barnel, Pierre; Denis, Robert; and Bertrand, Claude, 4,549,242, Cl. 361-115.000.

Denise, Bernard; Hamon, Christian; Senes, Michel; and Sneeden, Raymond, to Societe Chimique de la Grande Paroisse, Azote et Produits Chimiques. Conversion catalysts for synthesis gas. 4,500,646, 2-19-85, Cl. 502-78.000.

DeNise, Richard A., to Stone Construction Equipment, Inc. Alignment mechanism for ram type compactors. 4,557,336, 12-10-85, Cl. 173-90.000.

Denisevich, Peter, Jr.; Suzuki, Shigeto; Kurkov, Victor P.; and Schroeder, Albert H., to Chevron Research Company. Dithiene electroactive polymers. 4,502,980, 3-5-85, Cl. 252-500.000.

Denisevich, Peter, Jr., to Chevron Research Company. Fused 6,6,6-membered heterocyclic electroactive polymers. 4,505,841, 3-19-85, Cl. 252-500.000.

Denisevich, Peter, Jr., to Chevron Research Company. P-type polyphenoxazine electroactive polymers. 4,505,844, 3-19-85, Cl. 252-500.000.

Denisevich, Peter, Jr.: *See—*
Kurkov, Victor P.; Schroeder, Albert H.; Denisevich, Peter, Jr.; and Suzuki, Shigeto, 4,505,842, Cl. 252-500.000.
Schroeder, Albert H.; Denisevich, Peter, Jr.; Suzuki, Shigeto; and Kurkov, Victor P., 4,519,940, Cl. 252-500.000.
Suzuki, Shigeto; Kurkov, Victor P.; Schroeder, Albert H.; and Denisevich, Peter, Jr., 4,505,843, Cl. 252-500.000.

Denison, Early B., to Shell Offshore Inc. Drilling riser locking apparatus and method. 4,545,437, 10-8-85, Cl. 166-345.000.

Denison, Early B.; and Picard, Jean-Claude M., to Shell Offshore Inc. Drilling riser locking apparatus and method. 4,557,332, 12-10-85, Cl. 166-345.000.

Denisot, Bernard A., to Societe Laitiere de Veron. Refrigerated display unit. 4,523,439, 6-18-85, Cl. 62-251.000.

Denisov, Petr I.: *See—*
Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.

Denisov, Roman A.; Tiit, Valdur M.; and Feldbakh, Eduard K. to Institut Fiziki Akademii Nauk Estonskoi SSR. Spectrophotometer for measuring transmission spectra. 4,546,256, 10-8-85, Cl. 250-372.000.

Denisov, Vladimir A.: *See—*

Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.

Denk, Josef; Dietrich, Walter; and Weller, Otto, to Robert Bosch GmbH. Convertible-format packaging machine. 4,554,777, 11-26-85, Cl. 53-201.000.

Denka Chemical Corporation: *See—*

Click, Gaylon T.; and Barone, Bruno J., 4,515,899, Cl. 502-35.000.

Denka Consultant & Engineering Co., Ltd.: *See—*

Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.

Denka Engineering Kabushiki Kaisha: *See—*

Fujii, Shuzo; Abe, Koichi; and Miwa, Hideo, 4,502,819, Cl. 406-14.000.

Fujii, Shuzo; Oishe, Hideo; and Moriyama, Takashi, 4,502,820, Cl. 406-56.000.

Denker, Stanley D., to Doboy Packaging Machinery, Inc. Transfer assembly for literature wrapping equipment. 4,546,597, 10-15-85, Cl. 53-540.000.

Denker, Stanley D.: *See—*

Engler, Peter B.; and Denker, Stanley D., 4,520,615, Cl. 53-550.000.

Denki Kagaku Kogyo Kabushiki Kaisha: *See—*

Asai, Shinichiro; Katoh, Kazuo; and Nakano, Tatsuo, 4,521,476, Cl. 428-209.000.

Ayabe, Mitsukuni; Shimizui, Tunehiko; Kibayashi, Iwao; and Hirano, Hideki, 4,549,028, Cl. 548-308.000.

Iwasaki, Takao; Ito, Higashi; and Watanabe, Seiichi, 4,540,838, Cl. 570-229.000.

Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, 4,492,757, Cl. 435-280.000.

Kitsunai, Tomoyuki; Saito, Kiyotaka; and Hori, Shozo, 4,504,625, Cl. 525-71.000.

Maeda, Tetsuro; Okamoto, Akihiro; Shimizu, Yoshimitsu; and Nomoto, Takashi, 4,533,698, Cl. 525-73.000.

Nishikawa, Hiroshi; Saruta, Ueki; and Asai, Shin-ichiro, 4,529,755, Cl. 523-436.000.

Nishiwaki, Kenichiro; Sakai, Tomio; and Ohkubo, Takashi, 4,508,885, Cl. 526-318.000.

Okazaki, Haruo; and Ohkubo, Takashi, 4,510,274, Cl. 523-411.000.

Tabata, Itsuo; and Watanabe, Seiichi, 4,510,341, Cl. 570-229.000.

Takahashi, Kohki; Kondoh, Takeo; Koga, Masao; and Nishiwaki, Kenichiro, 4,517,348, Cl. 526-273.000.

Denki Onkyo Company Limited: *See—*

Yabase, Koji, 4,547,707, Cl. 315-368.000.

Denley, Ronald S.: *See—*

Van Zeeland, Anthony J.; and Denley, Ronald S., 4,553,009, Cl. 200-340.000.

Denlinger, Timothy L.: *See—*

Gaspar, Richard A.; Bastian, Donald G.; and Denlinger, Timothy L., 4,554,044, Cl. 156-510.000.

Denman, Sandra L.: *See—*

Tsou, Dean T.; Denman, Sandra L.; Burrington, James D.; and Cesa, Mark C., 4,552,705, Cl. 260-465.50R.

Denman, Stephen A.; and Powell, Jack J., to Deuer, Joseph; and Deuer, James. Tire lift/carrier. 4,544,136, 10-1-85, Cl. 254-323.000.

Denneny, James A., Jr.: *See—*

Rowland, Charles M.; and Denneny, James A., Jr., 4,506,594, Cl. 98-1.500.

Denner, Wolf J.; Biernacki, Andreas; and Breitschwerdt, Gunter, to Waldner Laboreinrichtungen GmbH & Co. Hood for the extraction of gases, vapors and suspended matter. 4,550,650, 11-5-85, Cl. 98-115.300.

Dennhardt, Werner, to Seitz Enzinger Noll Maschinenbau Aktiengesellschaft. Capacitor and filling-level signal indicator for filling element of container-filling machines for dispensing non-carbonated or carbonated liquids. 4,506,709, 3-26-85, Cl. 141-95.000.

Denni, Raymond: *See—*

Straehle, Wolfgang; Denni, Raymond; and Marx, Matthias, 4,507,475, Cl. 536-120.000.

Denning, Barry K.; and Ziegler, Duane H., to Deere & Company. Grain loss monitor sensor mounting arrangement for a combine. 4,517,792, 5-21-85, Cl. 56-10.200.

Dennis, Alan J.; Harrison, George E.; and Wyber, James P., to Davy McKee (London) Limited. Process for the production of aldehydes by hydroformylation of alpha-olefins. 4,496,768, 1-29-85, Cl. 568-454.000.

Dennis, Alan J.; Harrison, George E.; and Wyber, James P., to Davy McKee (London) Limited. Process for the preparation of aldehydes by hydroformylation of olefins. 4,496,769, 1-29-85, Cl. 568-454.000.

Dennis, Alan J., to TRW Inc. Electrical connector member and contactor unit. 4,560,226, 12-24-85, Cl. 339-99.00R.

Dennis, Alan J.: *See—*

Harris, Norman; Dennis, Alan J.; and Harrison, George E., 4,503,275, Cl. 568-866.000.

Dennis, Charles L.: *See—*

Clishem, James A.; Dennis, Charles L.; and Zemanek, Joseph, Jr., 4,542,488, Cl. 367-35.000.

Dennis, Edmund G., to Cashin Systems Corp. Slicing machine. 4,548,108, 10-22-85, Cl. 83-27.000.

Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., to Dresser Industries, Inc. Method of distributing load among stacked bearings. 4,501,454, 2-26-85, Cl. 384-619.000.

Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., to Dresser Industries, Inc. Downhole motor fluid flow restrictor. 4,546,836, 10-15-85, Cl. 175-107.000.

Dennis, James T., to Dennis, James T. 45 RPM automatic play adapter. 4,559,623, 12-17-85, Cl. 369-207.000.

Dennis, John R.: *See—*

Ritter, Joachim A.; Bock, Edward C.; Spinelli, Richard A.; and Dennis, John R., 4,537,499, Cl. 355-58.000.

Dennis, Kenrick J.; and Cooke, Robert A. Biplane posting device. 4,550,461, 11-5-85, Cl. 12-1.00R.

Dennis, Kent S.: *See—*

Rose, Gene D.; Dennis, Kent S.; and Evani, Syamalarao, 4,505,827, Cl. 252-8.55R.

Dennis, Lawrence D.: *See—*

Flick, Robert H.; and Dennis, Lawrence D., 4,554,423, Cl. 200-293.000.

Dennis, Linda H. Cross stitch ribbon. 4,516,609, 5-14-85, Cl. 139-383.00R.

Dennis, Mahlon D., to Strata Bit Corporation. Rotary drill bit. 4,538,691, 9-3-85, Cl. 175-393.000.

Dennis, Mark S.; Estell, David A.; and Light, David R., to Genentech, Inc. Method for overcoming trypsin inhibition. 4,512,973, 4-23-85, Cl. 424-94.000.

Dennis, Patrick W.: *See—*

Lefevre, Donald K.; Dennis, Patrick W.; and Seegmiller, Dennis F., 4,513,290, Cl. 343-745.000.

Dennis, Philip J.: *See—*

Carbone, Douglas C.; and Dennis, Philip J., 4,521,760, Cl. 337-368.000.

Dennis Smith Consulting Ltd.: *See—*

Smith, Dennis C.; and Maijer, Rolf, 4,548,583, Cl. 433-228.100.

Dennis, Timothy J., to Lockwood Graders (U.K.) Limited. Method and apparatus for detecting bounded regions of images, and method and apparatus for sorting articles and detecting flaws. 4,493,420, 1-15-85, Cl. 209-587.000.

Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., to General Electric Company. Self-test subsystem for nuclear reactor protection system. 4,517,154, 5-14-85, Cl. 376-259.000.

Dennis, Victor S. Lockable telescopic joint. 4,508,466, 4-2-85, Cl. 403-104.000.

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Dahlgren, Robert W.; and Dennis, William H., 4,553,985, Cl. 55-67.000.

Dennison, Daniel B.: *See—*

Hunter, George L. K.; Dennison, Daniel B.; and Stephens, Charles E., 4,537,637, Cl. 127-60.000.

Dennison Manufacturing Company: *See—*

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Bourque, Donald L., 4,533,076, Cl. 227-67.000.

Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.

Fotland, Richard A.; and Beaudet, Leo A., 4,518,468, Cl. 204-38.300.

Galante, Richard J., 4,548,857, Cl. 428-200.000.

Geurtsen, Friedrich H. H.; Anemaet, John M.; Smith, Donald R.; and Boyd, Mary G., 4,555,436, Cl. 428-200.000.

Hubbard, Karl E., 4,529,624, Cl. 427-148.000.

Johnson, Lewis H.; Carlson, Lee A.; and Lunt, David M., 4,497,275, Cl. 118-268.000.

Magnotta, Frank A., 4,536,434, Cl. 428-200.000.

Magnotta, Frank A., 4,557,964, Cl. 428-187.000.

Margerum, Edward S.; and Hiatt, Norman A., 4,511,602, Cl. 427-148.000.

Paradis, Joseph R., 4,548,242, Cl. 140-123.600.

Paradis, Joseph R., 4,559,676, Cl. 24-16.0PB.

Pitts, Warren R., 4,491,894, Cl. 361-212.000.

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Price, Lewis C., Jr., 4,494,458, Cl. 101-391.000.

Shuman, Ralph J., 4,510,206, Cl. 428-488.100.

Thurlow, John F., 4,523,956, Cl. 106-243.000.

Dennison National Company: *See—*

Lozeau, Arthur; and Lucey, William H., 4,522,526, Cl. 402-37.000.

Meade, Donn W., 4,531,667, Cl. 229-1.50R.

Podosek, Edward, 4,519,629, Cl. 281-25.00A.

Podosek, Edward, 4,560,299, Cl. 402-15.000.

Dennison, Thomas M.: *See—*

Balzer, David J.; Dennison, Thomas M.; Getz, Marvin G.; and Oestmann, Eldon D., 4,514,014, Cl. 305-10.000.

Dennison, William G.; Horr, Kenneth R.; and Kindler, Robert I., to Eaton Corporation. Electromagnetic contactor. 4,525,694, 6-25-85, Cl. 335-132.000.

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Butterworth, Edmund M.; and Dennison, William G., 4,544,814, Cl. 200-50.00C.

- Denny, Alan, to Management Assistance, Inc. Ejector latch. 4,544,217, 10-1-85, Cl. 339-17.00M.
- Denny Bros. Printing: *See—*
  - Howard, Robin G., 4,534,582, Cl. 283-81.000.
- Denny, Ivan L.: *See—*
  - Baustert, Steve; and Denny, Ivan L., 4,529,449, Cl. 134-4.000.
- Denny, Thomas: *See—*
  - Barson, Craig; and Denny, Thomas, 4,540,398, Cl. 604-1.000.
- Denny, William A.: *See—*
  - Rewcastle, Gordon W.; Atwell, Graham J.; Baguley, Bruce C.; and Denny, William A., 4,537,729, Cl. 260-944.000.
- Deno, Koji, to Murata Kikai Kabushiki Kaisha. Yarn end untwisting device for a pneumatic yarn splicing device. 4,494,366, 1-22-85, Cl. 57-22.000.
- Deno, Koji: *See—*
  - Matsui, Isamu; and Deno, Koji, 4,538,407, Cl. 57-22.000.
  - Tone, Syoichi; Deno, Koji; and Matsushima, Akio, 4,496,108, Cl. 242-18.0PW.
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- de Nora, Oronzio, to Oronzio de Nora Impianti Elettrochimici S.p.A. Electrolysis cell. 4,530,743, 7-23-85, Cl. 204-98.000.
- de Nora, Oronzio; and Spaziante, Placido M., to Oronzio de Nora Impianti Elettrochimici S.p.A. Process for generating halogen using novel electrolysis cell. 4,536,263, 8-20-85, Cl. 204-98.000.
- de Nora, Oronzio: *See—*
  - Nidola, Antonio; and de Nora, Oronzio, 4,548,697, Cl. 204-290.00R.
- de Nora, Vittorio; and Beer, Henri B., to Eltech Systems Corporation. Narrow gap electrolysis cells. 4,545,886, 10-8-85, Cl. 204-252.000.
- DeNovellis, Michelangelo: *See—*
  - Marlettini, Maria G.; DeNovellis, Michelangelo; Labriola, Ernesto; Salomone, Teresa; and Tomassetti, Paola, 4,522,827, Cl. 514-671.000.
- Denpou, Kazuo; Eto, Kazumi; and Niida, Hideo, to Kabushiki Kaisha Toshiba. Refrigerator having temperature-responsive control means for combined direct and fan-cooled operation. 4,537,041, 8-27-85, Cl. 62-199.000.
- Densaburo Sakai: *See—*
  - Matsushita, Masahiro, 4,507,028, Cl. 408-230.000.
- Densch, Dietrich. Stepped-disc pump. 4,543,048, 9-24-85, Cl. 418-191.000.
- Dense, Brian S.: *See—*
  - Yonovich, John R.; Newton, William P.; and Dense, Brian S., 4,540,070, Cl. 188-380.000.
- Densen, Mark S. Readily erectable wardrobe cabinet and a mode of packaging the same. 4,512,477, 4-23-85, Cl. 206-577.000.
- Densmore, John C.; and Watkins, Charles W., to Tuftco Corporation. Clamp insert for tufting elements in narrow gauge tufting machine. 4,509,439, 4-9-85, Cl. 112-79.00R.
- Densmore, Richard M.: *See—*
  - Klieman, Charles H.; and Densmore, Richard M., 4,522,207, Cl. 128-325.000.
- Dent, Hugh R., to Sterimatic Holdings Limited. Fitments for injection devices. 4,507,118, 3-26-85, Cl. 604-198.000.
- Dent, Hugh R., to Sterimatic Holdings Limited. Fitments for containers from which liquid is intended to be withdrawn by a hollow needle or tube. 4,524,809, 6-25-85, Cl. 141-1.000.
- Dental Preventech, Inc.: *See—*
  - Krag, Mark D., 4,550,741, Cl. 132-89.000.
- Dentan, Catherine M.: *See—*
  - Morris, Horton H.; Whyte, John R., Jr.; Forbus, Ellen; Dentan, Catherine M.; and Collins, David R., 4,510,254, Cl. 501-146.000.
- Dente, Mario; Porcari, Guiliano; and Robinson, Lee F., to RTR Riotinto Til Holding S.A. Extraction process. 4,533,459, 8-6-85, Cl. 208-11.0LE.
- Dente, Mario: *See—*
  - Minet, Ronald G.; Dente, Mario; Ranzi, Eliseo; and Sunny H. K., 4,520,217, Cl. 585-415.000.
  - Robinson, Lee F.; Salimbeni, Francesco; Porcari, Guiliano; and Dente, Mario, 4,512,956, Cl. 422-270.000.
- Dente, Stephen V.; and Ward, Kenneth J., to Airwick Industries, Inc. Carpet treating compositions containing a polysiloxane to reduce caking. 4,552,777, 11-12-85, Cl. 427-393.100.
- Dentifax International Inc.: *See—*
  - Engelman, Melvin A.; Zamaloff, Victor; and Engelman, Curtis L., 4,558,841, Cl. 249-54.000.
- Dentistry Researchers & Designers, Inc.: *See—*
  - Michnick, Bruce T.; and Kitzis, Stanley, 4,512,744, Cl. 433-229.000.
- Denton, Anthony D., to Ambler, Kenneth; and Raeder, Willy. Photoelectric safety screen with stray source detection. 4,520,262, 5-28-85, Cl. 250-221.000.
- Denton, Dean A.: *See—*
  - Nozemack, Richard J.; Rudesill, John A.; Denton, Dean A.; and Feldwick, Raymond D., 4,542,118, Cl. 502-65.000.
- Denton, Donald W., to State Industries, Inc. Water heater construction. 4,527,543, 7-9-85, Cl. 126-361.000.
- Denton, Gary A.: *See—*
  - Lubinsky, Anthony R.; Denton, Gary A.; Keller, Paul D.; and Williams, James E., 4,537,494, Cl. 355-3.0DD.
- Denton, James B. Sail rigging. 4,541,355, 9-17-85, Cl. 114-39.000.
- Denton, Jerry N., to North American Philips Consumer Electronics Corp. Video disc turntable having clamping device. 4,562,570, 12-31-85, Cl. 369-270.000.
- Denton, Robert D.: *See—*
  - Valencia, Jaime A.; and Denton, Robert D., 4,511,382, Cl. 62-20.000.
  - Valencia, Jaime A.; and Denton, Robert D., 4,533,372, Cl. 62-12.000.
- Denton, Robert K., Jr.; and Kumar, Narayan G., to Johnson & Johnson Dental Products Company. Heat treated barium or strontium glass. 4,492,777, 1-8-85, Cl. 523-115.000.
- Denton Vacuum Inc: *See—*
  - Singh, Bawa; and Boyarsky, David, 4,542,321, Cl. 315-111.810.
- d'Entremont, Alice M.; and Freeman, William T., to Polaroid Corporation. Method and apparatus for colored computer graphic photography. 4,536,848, 8-20-85, Cl. 364-526.000.
- Dentsply International, Inc.: *See—*
  - Apairo, Jerry, Jr.; and Heath, Derek E., 4,538,989, Cl. 433-102.000.
- Dentsply Limited: *See—*
  - Billington, Richard W.; Blackwell, Gordon B.; and Prodger, Terence E., 4,514,342, Cl. 260-952.000.
- Dentsply Research & Development Corp.: *See—*
  - Blair, John J.; Fonvielle, Frank P.; Smith, Richard A.; Dehoff, Barry D.; and Shue, Roger C., 4,533,325, Cl. 433-171.000.
  - Blair, John J., 4,551,098, Cl. 433-171.000.
  - Burnett, Arthur P.; and Bollinger, Wayne C., 4,556,534, Cl. 420-445.000.
  - Ditchburn, Frederick, 4,501,555, Cl. 433-29.000.
  - Dougherty, Emery W.; Heyde, John B.; Bennett, Richard J.; Smith, Roy L.; Tateosian, Louis H.; and Eden, George T., 4,514,174, Cl. 433-226.000.
  - Gonser, Donald I., 4,505,676, Cl. 433-119.000.
  - Gonser, Donald I., 4,516,195, Cl. 362-281.000.
  - Gonser, Donald I.; Eden, George T.; and Tateosian, Louis H., 4,546,261, Cl. 250-492.100.
  - Green, Russell D., 4,518,356, Cl. 433-102.000.
  - Harrod, Christopher G. C., 4,526,303, Cl. 222-386.500.
  - Koblitz, Francis F.; and Smith, Roy L., 4,491,453, Cl. 433-217.000.
  - Koblitz, Francis F.; and Reichart, Jane L., 4,504,231, Cl. 433-228.000.
  - Koblitz, Francis F.; and Smith, Roy L., 4,553,940, Cl. 523-115.000.
  - Meislitzer, Karl H.; and Hauner, Wigbert, 4,498,866, Cl. 432-239.000.
  - Plowman, Richard E.; and VanLenten, James A., 4,524,816, Cl. 164-287.000.
  - Schulmeyer, Herbert G., 4,498,865, Cl. 432-18.000.
  - Tateosian, Louis H.; and Wilson, W. Donald, 4,551,486, Cl. 523-212.000.
  - Wang, Wu-Lan, 4,553,936, Cl. 433-37.000.
  - Welsh, Richard E., 4,515,267, Cl. 206-219.000.
  - Welsh, Richard E., 4,526,490, Cl. 401-183.000.
- Denucci, John F.: *See—*
  - Klasen, Daniel A.; and Denucci, John F., 4,540,207, Cl. 292-341.170.
- Denyers Pty. Ltd.: *See—*
  - Green, John F.; and Morris, Richard A., 4,540,165, Cl. 269-325.000.
- Denyo Kabushiki Kaisha: *See—*
  - Saito, Yoshikazu; and Nakaya, Hiroshi, 4,539,486, Cl. 307-34.000.
- Denz, Helmut: *See—*
  - Barho, Hans; and Denz, Helmut, 4,550,704, Cl. 123-481.000.
  - Becker, Wolfram; and Denz, Helmut, 4,508,082, Cl. 123-478.000.
- Denzel, Theodor: *See—*
  - Breuer, Hermann; Denzel, Theodor; and Treuner, Uwe D., 4,499,016, Cl. 260-239.00A.
  - Breuer, Hermann; Treuner, Uwe D.; and Denzel, Theodor, 4,501,743, Cl. 514-201.000.
- Denzin, Horst; and Pach, Horst, to Francotyp Gesellschaft mbH. Chassis for a franking or postage metering machine. 4,522,121, 6-11-85, Cl. 101-92.000.
- Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Jurgen, to BASF Aktiengesellschaft. Increasing the efficiency of high molecular weight crosslinked polycarboxylic acids. 4,525,581, 6-25-85, Cl. 528-503.000.
- Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Juergen, to BASF Aktiengesellschaft. Removal of physiologically unacceptable solvents from polymers containing carboxyl or anhydride groups. 4,532,320, 7-30-85, Cl. 528-498.000.
- Denzinger, Walter; Hartmann, Heinrich; Trieselt, Wolfgang; Mueller, Richard; Diessel, Paul; and Hettche, Albert, to BASF Aktiengesellschaft. Copolymers, their preparation and their use as assistants in detergents and cleansing agents. 4,559,159, 12-17-85, Cl. 252-174.240.
- De Obaldia B., Marcos G. Molded footwear. 4,535,554, 8-20-85, Cl. 36-113.000.
- de Oliveira, David G.: *See—*
  - Bruff, William; de Santana, Geraldo S.; and de Oliveira, David G., 4,527,329, Cl. 29-825.000.
- De Paepe, Thijlbert C.: *See—*
  - Bertrand, Pierre C.; and De Paepe, Thijlbert C., 4,532,510, Cl. 340-870.390.
- DePakh, Stephan. Emission control device. 4,512,325, 4-23-85, Cl. 123-572.000.
- de Palezieux, Jacques; and Jobin, Georges F., to Runtal Holding Company S.A. Heat exchanger. 4,498,529, 2-12-85, Cl. 165-176.000.
- DePalma, Bernard F.: *See—*
  - Kavanagh, Frank J.; Plunkett, James D.; and DePalma, Bernard F., 4,507,801, Cl. 2-2.000.
- DePalma, Vincent M.; and Ward, Albert W., to International Business Machines Corporation. Stabilized magnetic recording materials and

process for tailoring and stabilizing of magnetic recording materials. 4,533,582, 8-6-85, Cl. 428-64.000.

- DePasquale, Michael; and Adam, William S. Pressure indicator and alarm. 4,536,756, 8-20-85, Cl. 340-626.000.
- Depcik, Hans-Werner: *See—*
  - Schauf, Dieter; Protoschill, Klaus; Oberbach, Karl; and Depcik, Hans-Werner, 4,511,184, Cl. 301-63.0PW.
- Depey, Maurice, to Thomson-CSF. Method of making substrate injection logic operator structure. 4,550,491, 11-5-85, Cl. 29-577.00C.
- DePhillipo, Thomas E.; and Kowalick, James F., to LSI Technologies, Inc. Tracer ammunition. 4,528,911, 7-16-85, Cl. 102-513.000.
- Depin, Jean-Claude: *See—*
  - Bayssat, Michel; Ferrand, Gerard; and Depin, Jean-Claude, 4,554,273, Cl. 514-221.000.
  - Ferrand, Gerard; Dumas, Herve; Bayssat, Michel; and Depin, Jean-Claude, 4,552,878, Cl. 514-243.000.
- De Pinho, Daniel: *See—*
  - Cunisse, Michel; Granier, Patrick; D'Hollosy, Antoine; and De Pinho, Daniel, 4,531,839, Cl. 366-110.000.
- Depoisson, Jean P.: *See—*
  - Barbe, Pierre L.; and Depoisson, Jean P., 4,505,453, Cl. 251-328.000.
- de Polo, Harry R. Eccentrically rotatable chair. 4,533,178, 8-6-85, Cl. 297-349.000.
- De Ponti, Luigi, to Alfonso Bialetti & Co., Fonderia in Conchiglia S.p.A. Household appliance for preparing hot beverages. 4,516,484, 5-14-85, Cl. 99-279.000.
- De Ponti, Luigi, to Alfonso Bialetti & Co., Fonderia in Conchiglia S.p.A. Household appliance for preparing hot beverages. 4,557,187, 12-10-85, Cl. 99-279.000.
- De Poorter, Adriaan W.: *See—*
  - Broer, Dirk J.; and De Poorter, Adriaan W., 4,492,967, Cl. 346-135.100.
- dePoorter, Johannes A.; deWaard, Peter J., Tijburg, Rudolf P.; and Dinghs, Gerardus L., to U.S. Philips Corporation. Semiconductor laser with end zones for reducing non-radiating recombination. 4,558,448, 12-10-85, Cl. 372-44.000.
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  - Pelloski, Peter E., 4,544,581, Cl. 427-383.700.
- de Pover, Alain: *See—*
  - Schwartz, Arnold; Grupp, Ingrid L.; Grupp, Gunter; and de Pover, Alain, 4,504,476, Cl. 514-211.000.
- Deppe, Gerd-Joachim; Ettwig, Hans H.; Schneider, Heinz; and Hof, Wolfram, to Mannesmann Aktiengesellschaft. Selecting the cut-off end portion of rolled sheet stock. 4,559,819, 12-24-85, Cl. 73-159.000.
- Depping, Herbert: *See—*
  - Lindenthal, Hans; and Depping, Herbert, 4,529,392, Cl. 464-112.000.
- Deppisch, Gerd: *See—*
  - Kieser, Jorg; Kukla, Reiner; and Deppisch, Gerd, 4,515,675, Cl. 204-298.000.
- Deprez, Louis, to Compagnie de Signaux et d'Entreprises Electriques. Process and device for eliminating the disturbances related to the fluctuations of the load in chopped power supplies. 4,523,265, 6-11-85, Cl. 363-21.000.
- DePriester, Coral L., to Chevron Research Company. Non-abrasive particulate material for permeability alteration in subsurface formations. 4,501,329, 2-26-85, Cl. 166-292.000.
- Deptolla, Udo: *See—*
  - Fabinski, Walter, and Deptolla, Udo, 4,496,840, Cl. 250-343.000.
- dePuglia, Gaston D.; Van der Borght, William J.; and Moitzger, Max. Encapsulation mold. 4,560,138, 12-24-85, Cl. 249-95.000.
- DePuy, Robert P., to General Electric Company. Switching regulator current limit circuit. 4,561,047, 12-24-85, Cl. 363-56.000.
- De Raco, Maurice; and Rey, Pierre, to Eaton S.A.M. Mechanism for the sudden tripping of an electrical contact under the effect of a slow variation in pressure. 4,551,593, 11-5-85, Cl. 200-81.00R.
- Deraedt, Roger: *See—*
  - Allais, Andre; Clemence, Francois; Deraedt, Roger; and Lemartret, Odile, 4,518,775, Cl. 544-92.000.
  - Delevallee, Francoise; and Deraedt, Roger, 4,522,816, Cl. 514-52.000.
  - Philibert, Daniel, Teutsch, Jean G.; Costerousse, Germain; and Deraedt, Roger, 4,540,686, Cl. 514-179.000.
  - Teutsch, Jean G.; Deraedt, Roger; and Benzoni, Josette, 4,515,787, Cl. 514-180.000.
  - Teutsch, Jean G.; Costerousse, Germain, Philibert, Daniel, and Deraedt, Roger, 4,519,946, Cl. 260-239.55R.
  - Teutsch, Jean-Georges; Torelli, Vesperto; Deraedt, Roger; and Philibert, Daniel, 4,547,493, Cl. 514-179.000.
- Derata Corporation: *See—*
  - Dunlap, Kenneth W., 4,507,113, Cl. 604-71.000.
- Derby, Palmer P., to Raytheon Company. Microwave simmer pot. 4,495,392, 1-22-85, Cl. 219-10.55E.
- Derby, Richard: *See—*
  - Nichols, James D.; Derby, Richard; von dem Bussche, Glenn T.; and Hannum, David A., 4,557,838, Cl. 252-8.55C.
- Derderian, Edmond J., to Union Carbide Corporation. Fuel compositions. 4,541,836, 9-17-85, Cl. 44-53.000.
- Derderian, Gregory, Orlandi, Robert D.; Shu, Larry S.; and Siadat, Bahram, to W. R. Grace & Co. Apparatus and method for heat flow measurement. 4,553,852, 11-19-85, Cl. 374-1.000.
- Derderian, Scott K.: *See—*
  - Vogt, George H.; and Derderian, Scott K., 4,560,896, Cl. 310-215.000.
- Derderian, Thomas; Frederick, Edward C.; and Gross, Alexander L., to Nike, Inc. Shock absorbing sole layer. 4,535,553, 8-20-85, Cl. 36-28.000.
- Derderian, Thomas; and Richard, Daniel J., to Nike, Inc. Article of footwear with an adjustable width, adjustable tension closure system. 4,553,342, 11-19-85, Cl. 36-97.000.
- DeReamer, Sharon M. B.; and Eifling, Dennis R., to Dresser Industries, Inc. Vibratory screening apparatus and method. 4,495,065, 1-22-85, Cl. 209-243.000.
- DeReggi, Aime S.; and Harris, Gerald R., to United States of America, Health and Human Services. Acoustically transparent hydrophone probe. 4,517,665, 5-14-85, Cl. 367-163.000.
- DeReggi, Aime S.: *See—*
  - Edelman, Seymour; and DeReggi, Aime S., 4,503,564, Cl. 455-614.000.
- Deregibus, Alfio, to Goodyear Tire & Rubber Company, The. Equipment for producing continuous tape of rubbery vulcanizable material for the manufacture of hose articles. 4,526,640, 7-2-85, Cl. 156-242.000.
- de Reinach Hirtzbach, Francois; and Ambrosi, Dominique, to Rhone-Poulenc Agrochimie. N-phenylcarbamoyl-pyridine compounds. 4,493,729, 1-15-85, Cl. 71-94.000.
- Derek and Derek: *See—*
  - Brand, Derek A.; Brand, Derek R.; and Brand, Kenneth J., 4,516,952, Cl. 446-427.000.
- Derendinger, Max, to RCA Corporation. Apparatus for applying a layer of powder to a surface. 4,550,680, 11-5-85, Cl. 118-308.000.
- Derendinger, Max: *See—*
  - Kiess, Helmut G.; Binggeli, Bruno K.; and Derendinger, Max, 4,557,885, Cl. 264-105.000.
  - Kiess, Helmut G.; Binggeli, Bruno K.; and Derendinger, Max, 4,557,886, Cl. 264-105.000.
- Deres, Janos: *See—*
  - Bencz, Gyozo; Deres, Janos; and Tuti, Peter, 4,557,771, Cl. 149-14.000.
- Derfler, Heinrich; Perchermeier, Jurgen; and Spitzer, Hermann, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Coating for a surface subject to exposure to a high-frequency field to prevent interference resulting from secondary electron emission. 4,559,281, 12-17-85, Cl. 428-687.000.
- de Rham, Abbott B. Gas tight chimney access door and shield for use therewith and chimney assemblies employing same. 4,532,915, 8-6-85, Cl. 126-242.000.
- Derichs, Eberhard: *See—*
  - Gerarts, Wilhelm; Thielen, Gerd; and Derichs, Eberhard, 4,498,527, Cl. 165-89.000.
- Derichs, Josef, to W. Schlafhorst & Co. Method and apparatus for starting the operation of a friction spinning machine. 4,539,804, 9-10-85, Cl. 57-263.000.
- Derichs, Josef: *See—*
  - Raasch, Hans; Wassenhoven, Heinz-Georg; and Derichs, Josef, 4,541,233, Cl. 57-263.000.
  - Wassenhoven, Heinz-Georg; and Derichs, Josef, 4,541,234, Cl. 57-263.000.
- de Ridder, Johannes J. M.; Hollingsworth, Michael W.; and Robb, Ian D., to Lever Brothers Company. Dishwashing compositions with an anti-filming polymer. 4,539,144, 9-3-85, Cl. 252-526.000.
- Derimiggio, John, to Eastman Kodak Company. Fuser apparatus. 4,512,649, 4-23-85, Cl. 355-3.0FU.
- Deringer, John F.: *See—*
  - Bloom, William M.; Deringer, John F.; and Hall, Robert J., 4,529,176, Cl. 266-242.000.
- Deriso, Cheryl: *See—*
  - Zimmerman, Sheldon B.; Wilson, Kenneth E.; Monaghan, Richard L.; Del Val, Sagrario M.; Fernandez, Maria I. M.; Hensens, Otto D.; Flor, James E.; and Deriso, Cheryl, 4,545,991, Cl. 514-100.000.
- Deritend Engineering Company Ltd., The: *See—*
  - Bishop, Thomas D.; and Bishop, David John G., 4,501,180, Cl. 83-154.000.
- Derivaz, Charles, to Samvaz S.A. Plane. 4,498,513, 2-12-85, Cl. 145-11.000.
- Derivaz, Jean-Pierre: *See—*
  - Wheeler, Douglas J.; Duruz, Jean-Jacques R.; Sane, Ajit Y.; and Derivaz, Jean-Pierre, 4,552,630, Cl. 204-67.000.
- de Riviere, Charles, to Thomson-CSF. Modulating device for a single-sideband modulation system. 4,511,864, 4-16-85, Cl. 332-41.000.
- Derkacs, Thomas; Matay, Istvan M.; Murphy, Stephan D.; and Touhalisky, John, to TRW Inc. Phased array inspection of cylindrical objects. 4,523,468, 6-18-85, Cl. 73-598.000.
- Derks, Pierre L. L. M.; and Van Herwijnen, Gerardus, to U.S. Philips Corporation. Apparatus for transporting and depositing viscous materials. 4,495,885, 1-29-85, Cl. 118-241.000.
- Dermatological Enterprises, Ltd.: *See—*
  - Bernstein, Joel E., 4,536,404, Cl. 514-627.000.
- Dermik Laboratories, Inc.: *See—*
  - Klein, Robert W.; and Foxx, Mary E., 4,497,794, Cl. 424-81.000.
- DerMott, Raymond W.; and Hartwein, Kenneth J., to Shell Oil Company; and Schlumberger Technology Corporation. Through the tubing perforating gun assembly. 4,496,009, 1-29-85, Cl. 175-4.520.
- Derndinger, Hans-Otto: *See—*
  - Adam, Roland; Krauth, Dieter; and Derndinger, Hans-Otto, 4,495,115, Cl. 261-44.00F.
- Dernedde, Robert; Franke, Hans-Joachim; and Havekost, Peter, to Klein, Schanzlin & Becker Aktiengesellschaft. Centrifugal pump. 4,518,311, 5-21-85, Cl. 415-102.000.

Derner, Paul; Eckardt, Rudolf; and Neuendorf, Hans-Cristoph, to Flachglas Aktiengesellschaft. Method of and apparatus for vacuum shaping a glass sheet. 4,516,997, 5-14-85, Cl. 65-106.000.

DeRoche, Pierre; and Kirby, Neil V., to Dow Chemical Company, The. Bis-(norbornyl or substituted norbornyl) derivatives of a phenol or a phenylamine, process for their preparation and compositions containing same. 4,548,976, 10-22-85, Cl. 524-249.000.

DeRoche, Terrance P.; Hollander, Thomas A.; and Smoot, Charles H., to MF Reader Development Fund. Microfiche reader transport system. 4,529,281, 7-16-85, Cl. 353-27.00A.

de Ronde, Francois: *See—*

Goscianski, Michel; and de Ronde, Francois, 4,516,089, Cl. 333-135.000.

De Ronde, Frans C., to U.S. Philips Corporation. N-port coupler. 4,525,690, 6-25-85, Cl. 333-116.000.

de Ronde, Frans C., to U.S. Philips Corporation. Miniature horn antenna array for circular polarization. 4,527,165, 7-2-85, Cl. 343-778.000.

De Roo, Minno, to Deltakabel B.V. Electronic switch. 4,520,278, 5-28-85, Cl. 307-253.000.

De Roo, Minno, to Deltakabel B.V. Local exchange equipment for a cable network. 4,523,190, 6-11-85, Cl. 340-825.030.

De Roo, Pierre R.; and Tavernier, Serge M., to AGFA-GEVAERT N.V. Electrostatic toner comprising thermoplastic resin binder for nigrosine base salt. 4,525,445, 6-25-85, Cl. 430-109.000.

de Rooij, Jacobus A. G., to U.S. Philips Corporation. Camera for picking-up colored pictures. 4,524,383, 6-18-85, Cl. 358-55.000.

DeRoos, Donald J. Insulating assembly for animal waterers. 4,542,715, 9-24-85, Cl. 119-72.000.

DeRosett, William P. Canoe lantern holder. 4,515,335, 5-7-85, Cl. 248-231.500.

De Rossi, Danilo E.: *See—*

Dario, Paolo; and De Rossi, Danilo E., 4,555,953, Cl. 73-862.040.

Derouane, Eric G.: *See—*

Valyocsik, Ernest W.; and Derouane, Eric G., 4,557,917, Cl. 423-328.000.

De Rouen, Keith J. Decoratable wall switch actuator. 4,562,325, 12-31-85, Cl. 200-331.000.

Derouet, Patrick R. J.: *See—*

Cattaneo, Christian J.; Derouet, Patrick R. J.; and Laroche, Michel C. F., 4,508,295, Cl. 244-134.00A.

Derr, Carl B.: *See—*

Pickett, Kenneth J.; and Derr, Carl B., 4,497,264, Cl. 111-73.000.

Derr, Max: *See—*

Pawelzik, Manfred; and Derr, Max, 4,501,408, Cl. 251-314.000.

Derr, Paul B., to AMP Incorporated. Zero mating force terminal having wiping action. 4,548,457, 10-22-85, Cl. 339-88.00R.

Derrico, Gene A.: *See—*

Lipson, Melvin A.; Derrico, Gene A.; Tark, Sung Y.; and Yamazaki, Toshio, 4,539,286, Cl. 430-277.000.

D'Errico, Michael J., to Sherwin-Williams Company, The. Dialkylaminomethyl aromatic triazoles as corrosion inhibitors. 4,522,785, 6-11-85, Cl. 422-12.000.

D'Errico, Michael J.: *See—*

Engelhart, John E.; Angeles, Marshall R.; and D'Errico, Michael J., 4,496,581, Cl. 514-438.000.

Derrien, Michel: *See—*

Veaux, Jacques; and Derrien, Michel, 4,540,142, Cl. 244-102.00R.

Veaux, Jacques; and Derrien, Michel, 4,556,179, Cl. 244-102.00R.

Derringer, Gene R., to Monarch Marking Systems, Inc. Fastener assembly and mold for making same. 4,554,711, 11-26-85, Cl. 24-150.0FP.

Derrington, Tommy J., to Eagle-Picher Industries, Inc. Method for removing gun barrel evacuator. 4,554,722, 11-26-85, Cl. 29-426.500.

Deruelle, M. Patrick: *See—*

Buguet, M. Maurice; and Deruelle, M. Patrick, 4,516,108, Cl. 338-319.000.

de Ruiter, Ernest: *See—*

Blucher, Hubert; von Blucher, Hasso; and de Ruiter, Ernest, 4,510,193, Cl. 428-196.000.

von Blucher, Hubert; von Blucher, Hasso; and de Ruiter, Ernest, 4,554,198, Cl. 428-143.000.

Derungs, Romano, to Hoffmann-La Roche Inc. Blood-platelet aggregation inhibiting 4,5,7,8-tetrahydro-4,4,8,8-tetramethyl-2-thienyl-1H-thiepino[4,5-d]imidazole derivatives. 4,493,841, 1-15-85, Cl. 424-273.00R.

Dervan, Andrew H.: *See—*

Kordomenos, Panagiotis I.; and Dervan, Andrew H., 4,491,663, Cl. 544-193.000.

Kordomenos, Panagiotis I.; Dervan, Andrew H.; and Grebur, Dennis J., 4,533,534, Cl. 523-436.000.

Kordomenos, Panagiotis I.; Dervan, Andrew H.; and Grebur, Dennis J., 4,533,684, Cl. 523-436.000.

Kordomenos, Panagiotis I.; Dervan, Andrew H.; and Grebur, Dennis J., 4,554,332, Cl. 525-532.000.

Derwent, Brian J.: *See—*

Boulton, Thomas W.; and Derwent, Brian J., 4,493,759, Cl. 204-252.000.

Dery, Normand; and Boudreau, Jean-Louis, to Astrolab Inc. Conductor applying apparatus for rear window defrosters. 4,552,611, 11-12-85, Cl. 156-391.000.

Dery, Ronald A.; and Jones, Warren C., to AMP Incorporated. Method of forming an electrical interconnection means. 4,554,033, 11-19-85, Cl. 156-52.000.

Des-Case Corporation: *See—*

Waller, James E., 4,504,289, Cl. 55-316.000.

Waller, James E., 4,548,624, Cl. 55-274.000.

Desaar, Rene. Porous nozzle for blowing gas through steel. 4,492,365, 1-8-85, Cl. 266-220.000.

Desai, Ashvin D.; and Bujack, Alvin, to Mueller Steam Specialty, A Division of Core Industries, Inc. Duplex strainer. 4,496,463, 1-29-85, Cl. 210-341.000.

Desai, Avinash J.; and Kreikebaum, Gerhard, to Owens-Corning Fiberglas Corporation. Electronic balance meter. 4,511,791, 4-16-85, Cl. 219-497.000.

Desai, Bipinchandra N.: *See—*

Chorvat, Robert J.; and Desai, Bipinchandra N., 4,554,353, Cl. 546-208.000.

Desai, Kirit C., to Owens-Illinois, Inc. Child-resistant package with tamper indicating device. 4,511,051, 4-16-85, Cl. 215-225.000.

Desai, Kishor V.; and Keusseyan, Roupen L., to International Business Machines Corporation. Method for measuring the real contact area in connectors. 4,558,590, 12-17-85, Cl. 73-104.000.

Desai, Nitin V., to RCA Corporation. Record turntable and polymeric coating thereon. 4,524,109, 6-18-85, Cl. 428-523.000.

Desai, Rohit: *See—*

Loev, Bernard; Shroff, James R.; and Desai, Rohit, 4,500,527, Cl. 514-223.000.

de Saint Martin, Lucien, to Institut de Recherches de la Siderurgie Francaise. Method of producing molten metal. 4,514,219, 4-30-85, Cl. 75-43.000.

de Saint-Palais, Jacques: *See—*

Cabrit, Philippe; Mourlevat, Jean; and de Saint-Palais, Jacques, 4,497,510, Cl. 285-18.000.

Desalination Systems, Inc.: *See—*

Kirwan, John R., Jr.; and Bray, Donald T., 4,548,714, Cl. 210-232.000.

de Santana, Geraldo S.: *See—*

Bruff, William; de Santana, Geraldo S.; and de Oliveira, David G., 4,527,329, Cl. 29-825.000.

DeSantis, Damian G. Anti-snore pillow. 4,536,905, 8-27-85, Cl. 5-434.000.

DeSantis, Ercele A. Open end ratchet wrench. 4,554,847, 11-26-85, Cl. 81-111.000.

DeSantis, Gennaro, to Rockwell-Rimoldi S.p.A. Device for adjusting the trajectory of the upper looper in an overlocking sewing machine. 4,543,896, 10-1-85, Cl. 112-162.000.

DeSantis, John. Security display rack. 4,540,092, 9-10-85, Cl. 211-4.000.

DeSantis, Michelangelo. Rotatable cooking device. 4,492,152, 1-8-85, Cl. 99-397.000.

DeSantis, Raymond P., to PTX-Pentronix, Inc. Sagger loader and conveyor apparatus and method. 4,550,551, 11-5-85, Cl. 53-534.000.

DeSantis, Raymond P., to PTX-Pentronix, Inc. Tray locator and loader for conveyor apparatus, and method. 4,553,375, 11-19-85, Cl. 53-475.000.

DeSanto, Ronald F., to Lehigh Press, Inc., The. Folding apparatus with compound tucker blade motion. 4,519,597, 5-28-85, Cl. 270-42.000.

Desarmaux, Pierre: *See—*

Bressand, Rene; and Desarmaux, Pierre, 4,519,624, Cl. 280-633.000.

Desarnaud, Jean: *See—*

Rodde, Christian; and Desarnaud, Jean, 4,522,059, Cl. 73-223.000.

Desautels, S. Jerry: *See—*

Platek, Stanley W.; Desautels, S. Jerry; and Szczypiorski, Wojtek, 4,545,423, Cl. 164-481.000.

Desbois, Michel, to Rhone-Poulenc Specialites Chimiques. Process for preparation of α,α-difluoroalkoxy or α,α-difluoroalkylthiophenyl sulfones. 4,552,984, 11-12-85, Cl. 568-29.000.

Desbois, Michel, to Rhone-Poulenc Specialites Chimiques. Process for sulfonylation of halobenzenes. 4,554,381, 11-19-85, Cl. 568-34.000.

Desbos, Gilbert; and Faivre, Michel, to OTV (Omnium de Traitement et de Valorisation). Reactor for injection of gas into a liquid. 4,504,388, 3-12-85, Cl. 210-150.000.

Desbrandes, Robert; and Norel, Guy, to Institut Francais du Petrole. Method for determining the dip angle of geological formations traversed by a borehole. 4,495,605, 1-22-85, Cl. 367-33.000.

Descal-A-Matic Corporation: *See—*

Lindler, Carl, 4,505,815, Cl. 210-223.000.

Descamps, Bernard, to Thomson-CSF. Bipolar transistor controlled by field effect by means of an isolated gate. 4,495,513, 1-22-85, Cl. 357-43.000.

Desch, Steven M.: *See—*

Williams, Todd E.; and Desch, Steven M., 4,554,942, Cl. 137-240.000.

De Schamphelaere, Lucien A.; De Cock, Etienne M.; De Bondt, Werner E.; Librecht, Freddy M.; Boeve, Gerard J.; and Van Peteghem, Willy F., to AGFA-GEVAERT N.V. Recording apparatus with modular LED array of higher production yield. 4,536,778, 8-20-85, Cl. 346-160.000.

De Schamphelaere, Lucien A.: *See—*

De Cock, Etienne M.; De Schamphelaere, Lucien A.; Librecht, Freddy M.; and Van Peteghem, Willy F., 4,524,372, Cl. 346-160.000.

Deschamps, Andre; Cosyns, Jean; Le Page, Jean-Francois; and Hotier, Gerard, to Institut Francais du Petrole. Process for the hydrodesulfurization and deoxygenation of a gas containing oxygen and organic sulfur compounds. 4,505,880, 3-19-85, Cl. 423-219.000.

Deschamps, Andre; and Franckowiak, Sigismond, to Institut Francais du Petrole. Process for converting a carbonaceous material to lower paraffinic hydrocarbons and monocyclic aromatic hydrocarbons. 4,519,895, 5-28-85, Cl. 208-8.0LE.

Deschamps, Jeffrey R.: *See—*

Castle, John E.; and Deschamps, Jeffrey R., 4,532,321, Cl. 536-20.000.

- Deschamps, Patrice P. M.; Gallo, Roger; and Grangette, Henri, to Elf France. Process for the preparation of beta-disubstituted monocarboxylic acids. 4,536,594, 8-20-85, Cl. 562-400.000.
- Deschenaux, Warren; Hughes, Gregory; Kreuzer, Justin; and La Fiandra, Carlo, to Perkin-Elmer Corporation, The. Mask ring assembly for X-ray lithography. 4,534,047, 8-6-85, Cl. 378-35.000.
- Deschenes, Charles: *See—*
  - Wickman, John A.; Killion, John J., III; and Deschenes, Charles, 4,522,288, Cl. 190-106.000.
- Deschepper, Pierre: *See—*
  - Plumat, Robert; Robyn, Pierre; and Deschepper, Pierre, 4,560,591, Cl. 427-422.000.
  - Robyn, Pierre; and Deschepper, Pierre, 4,497,473, Cl. 266-44.000.
  - Robyn, Pierre; and Deschepper, Pierre, 4,542,888, Cl. 266-44.000.
- Deschler, Ulrich: *See—*
  - Panster, Peter; Michel, Rudolf; Kleinschmit, Peter; and Deschler, Ulrich, 4,507,490, Cl. 556-427.000.
- Desco K/S: *See—*
  - Andersson, Finn, 4,562,053, Cl. 423-235.000.
- Descure, Patrick: *See—*
  - Berger, Jean-Luc; and Descure, Patrick, 4,506,299, Cl. 358-213.000.
- Descure, Pierrick: *See—*
  - Chautemps, Jacques; and Descure, Pierrick, 4,553,168, Cl. 358-213.000.
- Deserdein, Incorporated: *See—*
  - Ison, Deborah K., 4,546,508, Cl. 5-494.000.
- Desffains, Jean Paul: *See—*
  - Batard, Denis; Freland, Jean-Claude; Wallez, Bernard; Desffains, Jean Paul; and Valle, Roger, 4,559,933, Cl. 128-78.000.
- Desfontaines, Guy: *See—*
  - Millot, Jean-Paul; Desfontaines, Guy; and Babin, Michel, 4,544,521, Cl. 376-209.000.
- Desgagnes, Arthur. Heat recuperator adapted to a shower-cabin. 4,542,546, 9-24-85, Cl. 4-598.000.
- Design Concepts, Inc.: *See—*
  - Larsen, Verlyn N., 4,496,128, Cl. 248-496.000.
- Design Engineering Service, Inc.: *See—*
  - Rabotski, John, 4,557,881, Cl. 264-40.400.
- Design Loft, Inc.: *See—*
  - Herron, Matthew A., 4,560,181, Cl. 280-242.0WC.
- Design Professionals Financial Corporation: *See—*
  - Howell, Edward B., 4,517,514, Cl. 324-207.000.
- Design Wire Products, Inc.: *See—*
  - Colucci, James, 4,498,592, Cl. 211-42.000.
- Designs for Vision, Inc.: *See—*
  - Feinbloom, William, 4,498,743, Cl. 351-45.000.
  - Feinbloom, William, 4,555,164, Cl. 350-420.000.
  - Goldman, David A., 4,544,953, Cl. 358-227.000.
- Desilets, David E.: *See—*
  - Marino, Jerry C.; and Desilets, David E., 4,542,872, Cl. 248-183.000.
- Desilets, Norman H.; Gazda, Chester T.; and Zamachaj, Richard A., to Titeflex Corporation. Frost-free metal hose construction. 4,527,819, 7-9-85, Cl. 285-287.000.
- DeSipio, Richard G.: *See—*
  - Beyer, Henry R.; DeSipio, Richard G.; Long, Thomas F.; and Ritz, Joseph, 4,500,885, Cl. 343-456.000.
  - Naubereit, Henry; Beyer, Henry R.; DeSipio, Richard G.; and Picard, Salvatore R., 4,500,884, Cl. 343-456.000.
- DeSisto, Richard E., to General Signal Corporation. Bearing air seal for vacuum cleaner motor. 4,527,960, 7-9-85, Cl. 417-368.000.
- de Sivry, Bruno; Sudreau, Bernard; Jegousse, Michel; and Le Hir, Yves, to Compagnie Francaise des Petroles. Internal mandrel used in an operation of butt joining two lengths of tubing by welding. 4,493,966, 1-15-85, Cl. 219-121.0EC.
- Desjardins, Conrad D.: *See—*
  - Buckley, Leo P.; Burrill, Kenneth A.; Desjardins, Conrad D.; and Salter, Robert S., 4,555,361, Cl. 252-626.000.
- Desjardins, Francois G., to Electrohome Limited. Generation of vectors. 4,510,432, 4-9-85, Cl. 320-1.000.
- Desjardins, Glen R.: *See—*
  - Desjardins, Wilfred J.; Desjardins, Wayne W.; and Desjardins, Glen R., 4,532,669, Cl. 15-249.000.
- Desjardins, Paul J.; Menon, Sathischandran; Milles, Maano; and Pawel, Hans E., to N.J. Institute of Technology; and University of Medicine and Dentistry of New Jersey. Apparatus for measuring facial swelling. 4,530,367, 7-23-85, Cl. 128-777.000.
- Desjardins, Stanley P.; and Warrick, James C., to Simula Inc. Variable-load energy absorber and method for making energy absorbers having variable-load capability. 4,509,621, 4-9-85, Cl. 188-372.000.
- Desjardins, Wayne W.: *See—*
  - Desjardins, Wilfred J.; Desjardins, Wayne W.; and Desjardins, Glen R., 4,532,669, Cl. 15-249.000.
- Desjardins, Wilfred J.; Desjardins, Wayne W.; and Desjardins, Glen R. Chimney cleaning apparatus. 4,532,669, 8-6-85, Cl. 15-249.000.
- Desjardins, Yvon. Sandblaster. 4,534,139, 8-13-85, Cl. 51-438.000.
- Desjobert, Gilles; and Jaillet, Andre, to Rhone-Poulenc-Textile. Method and apparatus for baling a tow of textile filaments. 4,499,707, 2-19-85, Cl. 53-429.000.
- Deslandes, Claude: *See—*
  - Batigne, Jean; Deslandes, Claude; Gillot, Jacques; and Tritten, Paul, 4,541,976, Cl. 264-69.000.
- Desmarais, Armand J., to Hercules Incorporated. Tile mortars. 4,501,617, 2-26-85, Cl. 106-93.000.
- Desmarais, Armand J., to Hercules Incorporated. Tape joint cement composition. 4,558,079, 12-10-85, Cl. 524-43.000.
- Desmond, Jean-Luc. Stringed instrument. 4,506,585, 3-26-85, Cl. 84-298.000.
- Desmond, John D., to Container Corporation of America. Carton lid with rounded corners. 4,546,912, 10-15-85, Cl. 229-30.000.
- Desmond, John D.: *See—*
  - Carr, William H., Jr.; and Desmond, John D., 4,557,415, Cl. 229-30.000.
- Desmond, Michael J.; and Pepera, Marc A., to Standard Oil Company, The. Catalysts and their preparation. 4,504,590, 3-12-85, Cl. 502-73.000.
- Desmurs, Jean, to Rhone-Poulenc Sante. Process for the preparation of ethylenic halogenoacetals. 4,503,239, 3-5-85, Cl. 549-369.000.
- de Solms, S. Jane, to Merck & Co., Inc. Benzothiazole-2-sulfonamide derivatives for the topical treatment of elevated intraocular pressure. 4,499,103, 2-12-85, Cl. 514-365.000.
- DeSordi, Marlette S.; DeSordi, Pete, III; McCullin, Jan C.; and McCullin, Sidney G. Device and process for cleaning shrimp and the like. 4,553,287, 11-19-85, Cl. 17-48.000.
- DeSordi, Pete, III: *See—*
  - DeSordi, Marlette S.; DeSordi, Pete, III; McCullin, Jan C.; and McCullin, Sidney G., 4,553,287, Cl. 17-48.000.
- Desormiere, Bernard: *See—*
  - d'Auria, Luigi; Auvray, Gerard; and Desormiere, Bernard, 4,529,986, Cl. 343-433.000.
- DeSoto, Inc.: *See—*
  - Ansel, Robert E.; Cutler, Orvid R., Jr.; and Moschovis, Elias P., 4,496,210, Cl. 350-96.300.
  - Ansel, Robert E., 4,496,686, Cl. 524-850.000.
  - Bashleben, Christine P.; Shay, Gregory D.; and Smith, Alfred E., 4,529,767, Cl. 524-323.000.
  - Bishop, Timothy E.; Stanton, Joseph J.; Pasternack, George; and Cutler, Orvid R., Jr., 4,514,037, Cl. 350-96.230.
  - Bishop, Timothy E.; and Pasternack, George, 4,522,465, Cl. 350-96.300.
  - Bishop, Timothy E.; Pasternack, George; and Zimmerman, John M., 4,537,667, Cl. 204-159.150.
  - Crockatt, William B.; and Rimma, John, 4,539,047, Cl. 106-268.000.
  - Devona, James E.; and Essigmann, Martin L., 4,500,6[illegible]3, Cl. 524-548.000.
  - Larkins, Bruce T., 4,512,330, Cl. 126-139.000.
  - Leo, A. Frank, 4,561,950, Cl. 522-91.000.
  - Lewarchik, Ronald J.; Murphy, Edward J.; and Beeks, Elaine C., 4,504,374, Cl. 204-181.00C.
  - Lewarchik, Ronald J.; Murray, Kevin P.; Donovan, Marcella G.; and Jones, Arthur T., 4,526,939, Cl. 525-438.000.
  - Lewarchik, Ronald J.; Noren, Gerry K.; Metcalfe, Ronald; Bonin, Demetrius J.; and Poklacki, Erwin S., 4,530,977, Cl. 525-443.000.
  - Lewarchik, Ronald J.; and Thompson, Jeffrey W., 4,560,728, Cl. 525-123.000.
  - Murphy, Edward J.; Lewarchik, Ronald J.; and Thompson, Jeffrey W., 4,532,021, Cl. 204-159.160.
  - Noren, Gerry K., 4,501,855, Cl. 525-218.000.
  - Noren, Gerry K.; Poklacki, Erwin S.; Hawker, Fred D.; and Sich, Janice M., 4,508,889, Cl. 528-28.000.
  - Noren, Gerry K.; and Clifton, Mary F., 4,520,144, Cl. 523-435.000.
  - Sekmakas, Kazys; and Shah, Raj, 4,497,946, Cl. 528-99.000.
  - Sekmakas, Kazys; Shah, Raj; Lewarchik, Ronald J.; and Murray, Kevin P., 4,518,746, Cl. 525-443.000.
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  - Sekmakas, Kazys; and Shah, Raj, 4,526,915, Cl. 524-83.000.
  - Sekmakas, Kazys; and Shah, Raj, 4,535,122, Cl. 524-809.000.
  - Shay, Gregory D.; Eldridge, Emmojean; and Kail, James E., 4,514,552, Cl. 526-301.000.
  - Tortorello, Anthony J.; Hansen, Nestor P.; and Jarocki, Kathryn M., 4,533,682, Cl. 523-414.000.
  - Zentner, Mark R.; and Cutler, Orvid R., Jr., 4,531,354, Cl. 57-250.000.
  - Zentner, Mark R.; and Cutler, Orvid R., Jr., 4,543,777, Cl. 57-295.000.
  - Zimmerman, John M.; Krajewski, John J.; and Noren, Gerry K., 4,562,235, Cl. 526-304.000.
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- DeSousa, Egas J. Infinitely variable rotary drive transmission. 4,557,161, 12-10-85, Cl. 74-837.000.
- deSouza, Alwyn A.; and Eggendorfer, Andreas J., to Joslyn Mfg. and Supply Co. Hermetically sealed gas tube surge arrester. 4,546,402, 10-8-85, Cl. 361-120.000.
- DeSouza, John: *See—*
  - Bramwell, Frank; and DeSouza, John, 4,538,019, Cl. 174-6.000.
- Despatch Industries, Inc.: *See—*
  - Melgaard, Hans L., 4,515,561, Cl. 432-136.000.
- Despax, Damien M.; Brisou, Jean-Francois; and Castellani, Michel F., to Compagnie Francaise des Petroles. Apparatus for on-site assessment of the effectiveness of a treatment in the course of its application to a hydrocarbon well. 4,558,592, 12-17-85, Cl. 73-151.000.
- Despe, Oscar D.: *See—*
  - Keefe, Donald J.; and Despe, Oscar D., 4,528,457, Cl. 307-46.000.
- Despic, Aleksandar. Bipolar battery. 4,551,399, 11-5-85, Cl. 429-27.000.
- Despois, Claude: *See—*
  - Rebourg, Jean-Claude; and Despois, Claude, 4,525,798, Cl. 364-826.000.

- Despot, Janko; and Abendroth, Paul, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Arrangement for prevention of roller marks on roller units in a printing press. 4,495,863, 1-29-85, Cl. 101-350.000.
- Despot, Janko: *See—*
  - Galster, Hans-Peter; and Despot, Janko, 4,527,477, Cl. 101-365.000.
- Despres, Dominique, to Valeo. Clutch cover assembly. 4,558,771, 12-17-85, Cl. 192-70.180.
- Despres, Dominique: *See—*
  - Bacher, Michel; and Despres, Dominique, 4,531,622, Cl. 192-70.180.
- Desprez, Marc, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Glassmaking process and equipment. 4,531,960, 7-30-85, Cl. 65-134.000.
- Desprez, Pierre: *See—*
  - Finger, Ulrich; Desprez, Pierre; and Ligneres, Pierre, 4,499,538, Cl. 364-200.000.
- Desrochers, Franklin J., to Universal Data, Inc. Expandable data communication system utilizing hand-held terminal. 4,530,069, 7-16-85, Cl. 364-900.000.
- Dessau, Ralph M., to Mobil Oil Corporation. Hydrocarbon dewaxing process using steam-activated alkali metal zeolite catalyst. 4,510,045, 4-9-85, Cl. 208-111.000.
- Dessau, Ralph M.; and Kerr, George T., to Mobil Oil Corporation. Catalysis over activated zeolites. 4,517,075, 5-14-85, Cl. 208-111.000.
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- Dessau, Ralph M., to Mobil Oil Corporation. Chiral hydrogenating catalysts. 4,554,262, 11-19-85, Cl. 502-62.000.
- Dessauer, Guido, to Feldmuhle Aktiengesellschaft. Uncoated paper web for printing and method for making and using same. 4,549,930, 10-29-85, Cl. 162-134.000.
- Dessert, Robert A.; Gaspar, Richard A.; Laubach, Richard T.; Punater, Dinesh G.; and Barrera, Ralph E., to Harris Graphics Corporation. Control system for pre-setting and operation of a printing press and collator. 4,495,582, 1-22-85, Cl. 364-469.000.
- Desson, Carmen F. Big blotter towel. 4,522,858, 6-11-85, Cl. 428-96.000.
- Destannes, Louis: *See—*
  - Chambaz, Bernard; Delapierre, Gilles; and Destannes, Louis, 4,532,016, Cl. 204-38.300.
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  - Van Campenhout, Jan; de Stecker, Hans; Notredame, Paul; Muyle, Eddy; Bergmans, Jean-Paul; and Bergmans, Patrick, 4,543,615, Cl. 358-285.000.
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  - Alaria, Gian B.; Appiano, Silvano; Destefanis, Paolo; and Poggio, Cesare, 4,555,782, Cl. 370-104.000.
- De Steur, Hubert: *See—*
  - Vanhumbeeck, Jacky; Danneels, Laurent; De Steur, Hubert; and Heyneman, Guido, 4,545,957, Cl. 422-81.000.
- DeSutter, David A.: *See—*
  - Huitema, Thomas W.; and DeSutter, David A., 4,548,094, Cl. 74-526.000.
- Detector Electronics Corporation: *See—*
  - Larsen, Theodore E.; and Juaire, Michael P., 4,547,673, Cl. 250-554.000.
- Detectors, Inc.: *See—*
  - Rubey, Ulyss R., 4,519,867, Cl. 156-351.000.
- Deters, Paul M. Electrical jumper assembly. 4,516,817, 5-14-85, Cl. 339-19.000.
- Deters, Paul M. Electrical connector clip assembly. 4,553,799, 11-19-85, Cl. 339-19.000.
- Deters, Thomas J. Waste flushing unit for hog farrowing. 4,520,759, 6-4-85, Cl. 119-28.000.
- Detexomat Machinery Ltd.: *See—*
  - Hodges, Michael J.; and Scanes, Malcolm K., 4,550,868, Cl. 223-43.000.
- Detienne, Jean-Louis; Levesque, Guy; and Tozzolino, Pierre, to Societe Nationale Elf Aquitaine (Production). Process of production of organic dithio-acids and their application. 4,521,301, 6-4-85, Cl. 209-166.000.
- Detienne, Jean-Louis: *See—*
  - Delourme, Raymond; Detienne, Jean-Louis; Komornicki, Jacques; and Tellier, Jacques, 4,526,696, Cl. 252-61.000.
- Detonics Pistol Accessories Ltd.: *See—*
  - Woodcock, Sidney H.; Maes, Michel E.; and Steimel, Ronald W., 4,522,107, Cl. 89-196.000.
- Detonics Small Arms, Ltd.: *See—*
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- DeTrano, Mario: *See—*
  - Bohm, Georg G. A.; DeTrano, Mario; and Hall, James E., 4,528,331, Cl. 525-313.000.
- Detras Training Aids Limited: *See—*
  - Simpson, Anthony; Peterkin, Stuart M.; Brooksby, Brian T.; and Murray, Harold J., 4,538,991, Cl. 434-12.000.
- Detrex Chemical Industries, Inc.: *See—*
  - Otrhalek, Joseph V.; and Gerard, Donald R., 4,529,451, Cl. 148-6.15Z.
  - Otrhalek, Joseph V.; and Gerard, Donald R., 4,531,978, Cl. 148-6.160.
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- Detrier, Stephane: *See—*
  - Valentin, Jean; Suply, Patrick; and Detrier, Stephane, 4,538,652, Cl. 141-57.000.
- Detroit Edison Company, The: *See—*
  - Meese, William G.; Pratt, Robert G.; Charneski, Mitchell D.; Brokenshire, Robert E.; and Whitney, Bruce F., 4,532,418, Cl. 235-381.000.
- Detroit Marine Engineering, Inc.: *See—*
  - Wrigley, Robert A., 4,544,199, Cl. 297-244.000.
- Detroit Punch & Retainer Corporation: *See—*
  - DeGuvera, Emmett W., 4,526,077, Cl. 83-686.000.
- Detroit, William J., to Reed Lignin Inc. Oil well drilling clay conditioner. 4,505,825, 3-19-85, Cl. 252-8.50C.
- Detsch, Steven G. Oral electrical treatment apparatus and method. 4,509,519, 4-9-85, Cl. 128-419.00F.
- Dettelbach, Alfred; and Gresser, Gerhard, to Reich Spezialmaschinen GmbH. Sanding tool and method of making such tool. 4,535,574, 8-20-85, Cl. 51-204.000.
- Dettelbach, Alfred; Gresser, Gerhard; and Einsele, Gerhard, to Reich Spezialmaschinen GmbH. Apparatus for molding a profiled body. 4,535,965, 8-20-85, Cl. 249-83.000.
- Detter, Gary C.: *See—*
  - Bafunno, Daniel V.; Detter, Gary C.; Ehrhardt, James D.; Gaughan, Patrick J.; Johnson, Dale C.; and Rowlands, Richard C., 4,554,618, Cl. 362-155.000.
- Detterbeck, Max; and Dummler, Emil, to Siemens Aktiengesellschaft. Method and device for tying a bundle of electrical wires. 4,558,894, 12-17-85, Cl. 289-1.500.
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  - Dettfurth, Karl; and Dettfurth, Bernd, 4,509,308, Cl. 52-787.000.
- Dettfurth, Karl; and Dettfurth, Bernd, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Mounting assembly and method for installing dowels in compound panels. 4,509,308, 4-9-85, Cl. 52-787.000.
- Dettinger, Willi; and Fries, Hugo, to URACA Pumpenfabrik GmbH & Co. KG. Piston pump. 4,527,957, 7-9-85, Cl. 417-92.000.
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- Dettloff, David J.: *See—*
  - Sheill, David D.; Davidson, Donald J.; and Dettloff, David J., 4,548,300, Cl. 188-73.100.
- Dettmann, Heinrich, to Burkert GmbH. Pulsed magnetic valve assembly. 4,534,539, 8-13-85, Cl. 251-65.000.
- Dettmer, Dennis G.: *See—*
  - Snyder, Walter W; and Dettmer, Dennis G., 4,530,228, Cl. 72-349.000.
  - Snyder, Walter W.; and Dettmer, Dennis G., 4,546,636, Cl. 72-346.000.
- Dettmer, Jay R., to Sperry Corporation. Angle based stroke generator. 4,553,214, 11-12-85, Cl. 364-521.000.
- Dettmer, Larry A., to Deere & Company. Chuck assembly. 4,523,766, 6-18-85, Cl. 279-4.000.
- Dettmer, Michael: *See—*
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- Dettmers, Michael: *See—*
  - Weirich, Walter; and Dettmers, Michael, 4,534,681, Cl. 405-294.000.
  - Weirich, Walter; and Dettmers, Michael, 4,537,221, Cl. 137-637.200.
- Detty, Michael R.; and Perlstein, Jerome H., to Eastman Kodak Company. Novel 3-trihalochalcogenpropenone compounds. 4,525,443, 6-25-85, Cl. 430-83.000.
- Detweiler, Steven C. Method and apparatus for line-at-a-time printing. 4,538,162, 8-27-85, Cl. 346-155.000.
- Detwiler, Richard L.; Schlegel, Brooke P.; and Kissel, Thomas R., to Eastman Kodak Company. Overcoat compositions and ion-selective electrodes for ionic analyte determinations. 4,505,801, 3-19-85, Cl. 204-418.000.
- Deubel, Reinhold: *See—*
  - Schneider, Manfred; Deubel, Reinhold; and Zimmermann, Manfred, 4,543,380, Cl. 524-159.000.
- Deubzer, Bernward; and Wilhelm, Hermann, to Wacker-Chemie GmbH. Aqueous compositions containing an organosilicon compound. 4,552,910, 11-12-85, Cl. 524-43.000.
- Deuer, James: *See—*
  - Denman, Stephen A.; and Powell, Jack J., 4,544,136, Cl. 254-323.000.
- Deuer, Joseph: *See—*
  - Denman, Stephen A.; and Powell, Jack J., 4,544,136, Cl. 254-323.000.
- Deulofeu, Jorge Magri. System of articulated legs for toy figures. 4,512,749, 4-23-85, Cl. 446-390.000.
- Deur, Michel, to Sandoz Ltd. Dioxazine pigments. 4,526,963, 7-2-85, Cl. 544-74.000.
- Deur, Michel; and Toth, Istvan, to Sandoz Ltd. Process for the preparation of condensed triazoles. 4,549,026, 10-22-85, Cl. 548-257.000.
- Deuring, Hans, to Goetze AG. Seal assembly, particularly for liquid pumps. 4,548,547, 10-22-85, Cl. 415-170.00A.

- Deuring, Hans: *See—*
  - Vossieck, Paul; and Deuring, Hans, 4,531,483, Cl. 123-188.00P.
- Deurloo, Johannis M., to N.K.F. Groep B.V. Electrical cord set having a magnetically identifiable conductor, and a method of automatically manufacturing such a cord set. 4,543,448, 9-24-85, Cl. 174-112.000.
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  - Iwasaki, Akio; Deushi, Takeo; Watanabe, Isamu; and Mori, Toshihito, 4,515,942, Cl. 536-16.800.
- Deutche Gesellschaft fur Wiederaufarbeitung von Kernrennstoffen GmbH: *See—*
  - Schroder, Gunter; Eichhorn, Rudolf; and Schrader, Heinolf, 4,531,682, Cl. 242-54.00R.
- Deutchman, Gary. Patient transfer arrangement. 4,504,988, 3-19-85, Cl. 5-81.00R.
- Deuterium Corporation: *See—*
  - Spevack, Jerome S., 4,532,114, Cl. 423-210.000.
- Deutsch, Alice; and Platt, Herbert, to Genetic Diagnostics Corporation. Self-contained assay method and kit. 4,522,923, 6-11-85, Cl. 436-536.000.
- Deutsch Company Electronic Components Division, The: *See—*
  - Griffin, Alan L., 4,494,092, Cl. 333-182.000.
  - Kempe, Hans I., 4,521,066, Cl. 339-89.00M.
- Deutsch, Emory, to North American Philips Corporation. Capacitor with a heat sink core. 4,536,819, 8-20-85, Cl. 361-274.000.
- Deutsch Fastener Corp.: *See—*
  - Molina, Jorge W., 4,557,650, Cl. 411-108.000.
- Deutsch, Leslie J.: *See—*
  - Deutsch, Ralph; and Deutsch, Leslie J., 4,495,847, Cl. 84-1.010.
  - Deutsch, Ralph; and Deutsch, Leslie J., 4,513,651, Cl. 84-1.220.
- Deutsch nee Juhasz, Ida: *See—*
  - Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.
- Deutsch, Ralph; and Deutsch, Leslie J., to Kawai Musical Instrument Mfg. Co., Ltd. Combined tone generation on a single keyboard for an electronic musical instrument. 4,495,847, 1-29-85, Cl. 84-1.010.
- Deutsch, Ralph, to Kawai Musical Instrument Mfg. Co., Ltd. Harmonic selection coupling in an electronic musical instrument. 4,502,360, 3-5-85, Cl. 84-1.230.
- Deutsch, Ralph; and Deutsch, Leslie J., to Kawai Musical Instrument Mfg. Co., Ltd. Generation of anharmonic overtones in a musical instrument by additive synthesis. 4,513,651, 4-30-85, Cl. 84-1.220.
- Deutsch, Ralph, to Kawai Musical Instrument Mfg. Co., Ltd. Adaptive tone generator assignment in a keyboard electronic musical instrument. 4,515,058, 5-7-85, Cl. 84-1.240.
- Deutsch, Ralph, to Kawai Musical Instrument Mfg. Co., Ltd. Extended harmonics in a polyphonic tone synthesizer. 4,526,081, 7-2-85, Cl. 84-1.230.
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- Deutsch, Reinhard: *See—*
  - Erdmann, Otto; and Deutsch, Reinhard, 4,503,967, Cl. 198-419.000.
  - Hoffmann, Gottfried; Deutsch, Reinhard; and Pohl, Klaus-Jurgen, 4,526,268, Cl. 198-419.000.
- Deutsch, Richard A.: *See—*
  - Lew, Wing G.; Deutsch, Richard A.; and Nasserian, Mojtaba, 4,507,034, Cl. 411-21.000.
- Deutsch, Timothy A.; and Hadley, Howard C., to Deere & Company. Seed meter assembly. 4,508,243, 4-2-85, Cl. 222-142.000.
- Deutsch, Warren D. Lacrosse glove. 4,497,073, 2-5-85, Cl. 2-161.00A.
- Deutschbein, Ulrich: *See—*
  - Reil, Wilhelm; Deutschbein, Ulrich; and Wallich, Manfred, 4,525,318, Cl. 264-259.000.
- Deutsche Automobilgesellschaft mit beschrankter Haftung: *See—*
  - Klink, Rainer, 4,522,290, Cl. 192-107.00M.
- Deutsche Babcock Aktiengesellschaft: *See—*
  - Buchmuller, Horst; and Michelbrink, Bernhard, 4,512,265, Cl. 110-171.000.
  - Mischke, Walter, 4,526,111, Cl. 110-245.000.
- Deutsche Babcock Anlagen Aktiengesellschaft: *See—*
  - Esser, Anton, 4,537,139, Cl. 110-276.000.
  - Wischniewski, Martin, 4,519,320, Cl. 110-238.000.
- Deutsche Babcock Werke Aktiengesellschaft: *See—*
  - Beelmann, Richard; and Kerstges, Johannes, 4,545,727, Cl. 415-206.000.
  - Buchmuller, Horst; and Michelbrink, Bernhard, 4,534,299, Cl. 110-165.00R.
  - Gladisch, Manfred; and Winklmann, Erwin, 4,546,281, Cl. 310-83.000.
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  - Jarmuzewski, Hans-Georg, 4,552,097, Cl. 122-4.00D.
  - Kuhl, Wilhelm; Kiefer, Dieter; and Josefowitz, Max, 4,501,430, Cl. 277-59.000.
  - Martin, Heino, 4,520,762, Cl. 122-406.0ST.
- Deutsche Fibrit Gesellschaft Ebers & Dr. Muller mbH: *See—*
  - Tonniges, Heinz, 4,525,321, Cl. 264-517.000.
- Deutsche Forschungs- und Versuchsansanstalt fur Luft- und Raumfahrt e.V.: *See—*
  - Gauert, Rolf; and Jungbluth, Werner W., 4,540,284, Cl. 356-350.000.
- Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V.: *See—*
  - Baumer, Klaus; and Wiegand, Herbert, 4,499,862, Cl. 123-1.00A.
  - Breitbach, Elmar; and Dehne, Ernst-August, 4,498,341, Cl. 73-517.00R.
  - Breitbach, Elmar, 4,502,652, Cl. 244-75.00A.
  - Distelrath, Heinz D.; Wiegand, Herbert; Rath, Klaus; and Baumer, Klaus, 4,559,008, Cl. 431-63.000.
  - Engler, Rolf; and Wulf, Rudolf, 4,493,217, Cl. 73-861.270.
  - Fritscher, Klaus, 4,531,569, Cl. 164-464.000.
  - Fritscher, Klaus; and Gedanitz, Horst, 4,552,722, Cl. 422-53.000.
  - Gauert, Rolf; Rodloff, Rudiger K.; and Siol, Gerald H., 4,556,319, Cl. 356-350.000.
  - Hamel, Peter; and Karmann, Rudiger, 4,525,784, Cl. 364-434.000.
  - Hoffmann, Peter, 4,491,950, Cl. 372-95.000.
  - Kayser, Albrecht, 4,560,328, Cl. 418-8.000.
  - Liebing, Lothar, 4,540,868, Cl. 219-121.0PM.
  - Lippmann, K. Reiner; and Dorgeloh, K. Heinrich W., 4,496,972, Cl. 358-109.000.
  - Ludwig, Hubert, 4,505,507, Cl. 296-1.00S.
  - Oliva, Rudolf; and Schmidt, K. Ulf, 4,493,241, Cl. 89-1.140.
  - Otto, Gunther; and Warmbold, Gert, 4,550,420, Cl. 378-171.000.
  - Prinz, A. F. Rudolf; and Charvat, Rudolf M., 4,532,810, Cl. 73-717.000.
  - Werner, Christian; and Klier, Michael, 4,502,782, Cl. 356-5.000.
  - Wiegand, Herbert; and Baumer, Klaus, 4,499,861, Cl. 123-1.00A.
- Deutsche Geratebau GmbH: *See—*
  - Huster, Bernhard, 4,526,032, Cl. 73-245.000.
- Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH: *See—*
  - Blaseck, Klaus, 4,497,776, Cl. 422-159.000.
  - Blaseck, Klaus, 4,527,934, Cl. 414-4.000.
  - Dyck, Hans-Peter; Janberg, Klaus; Richter, Wolfgang; and Spilker, Harry, 4,498,011, Cl. 250-507.100.
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  - Eisenacher, Heinz, 4,528,879, Cl. 83-278.000.
  - Heimerl, Wilfried C., 4,528,014, Cl. 65-142.000.
  - Janberg, Klaus; and Dyck, Hans-Peter, 4,508,969, Cl. 250-506.100.
  - Leister, Peter, 4,522,620, Cl. 494-10.000.
  - Leister, Peter, 4,531,405, Cl. 73-290.00V.
  - Popp, Franz-Wolfgang; and Rosenbach, Klaus, 4,527,065, Cl. 250-506.100.
  - Schroder, Gunter, 4,526,311, Cl. 228-119.000.
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  - Spilker, Harry; and Einfeld, Klaus, 4,525,324, Cl. 376-272.000.
- Deutsche Kommunal-Anlagen Miete GmbH: *See—*
  - Hillekamp, Klaus, 4,552,732, Cl. 423-210.000.
- Deutsche Nemectron GmbH: *See—*
  - Hildebrandt, Jurgen, 4,524,774, Cl. 128-421.000.
- Deutsche Perlite GmbH: *See—*
  - Wader, Heribert, 4,512,736, Cl. 432-58.000.
- Deutsche Perrot-Bremse GmbH: *See—*
  - Schneider, Wilhelm, 4,533,022, Cl. 188-18.00R.
- Deutsche Solvay Werke GmbH: *See—*
  - Kaeufer, Helmut; Rautenberg, Lutz; and Pahl, Joachim, 4,514,351, Cl. 264-210.200.
- Deutsche Spezialglas AG: *See—*
  - Behr, Werner, 4,525,462, Cl. 501-71.000.
- Deutsche Texaco Aktiengesellschaft: *See—*
  - Bartsch, Erich O.; and Vollstedt, Gerald, 4,525,282, Cl. 210-747.000.
  - Helbig, Klaus; and Pusch, Guenther, 4,524,435, Cl. 367-41.000.
  - Humbert, Heiko; and Laping, Karlheinz, 4,556,736, Cl. 564-204.000.
  - Neier, Wilhelm; Webers, Werner; and Dettmer, Michael, 4,546,206, Cl. 568-697.000.
  - Osterburg, Gunther; and Prezelj, Milan, 4,544,776, Cl. 568-697.000.
  - Ripkens, Gerd; Schittek, Hans; and Buschfeld, Adolf, 4,525,227, Cl. 156-62.200.
  - Volz, Hartwig; and Willmann, Egon, 4,549,813, Cl. 366-160.000.
- Deutscher, Hans-Christian; Kohler, Alfred; Prohaska, Hans; and Schubert, Karl-Friedrich, to ITT Industries, Inc. Windshield wiper assembly. 4,550,469, 11-5-85, Cl. 15-250.340.
- Deutsches Krebsforschungszentrum Stiftung Des Offentichen Rechts: *See—*
  - Kartenbeck, Jurgen, 4,552,640, Cl. 204-301.000.
- Deutschmann, Herbert; and Dinger, Hans, to MTU Motoren-und Turbinen-Union Friedrichshafen GmbH. Valve control for a reciprocating piston internal combustion engine. 4,534,324, 8-13-85, Cl. 123-90.220.
- Deutschmann, Herbert; and Wolters, Gerd-Michael, to MTU Motoren- und Turbinen-Union Friedrichshafen GmbH. Diesel internal combustion engine. 4,550,568, 11-5-85, Cl. 60-612.000.
- Deutz-Allis Corporation: *See—*
  - Busboom, Garry W., 4,545,719, Cl. 414-523.000.
  - Geiersbach, Allois F.; and Murray, David L., 4,555,725, Cl. 358-93.000.
- Deux, Alain; and Merant, Jean C., to Braud. Lifting and steering device for a steering wheel of a vehicle. 4,541,652, 9-17-85, Cl. 280-672.000.

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Fritz, William E., 4,543,889, Cl. 105-377.000.

DeVale, Donald P.; Brejcha, Robert J.; and Van Naarden, Robert W., to Industrial Design Electronic Associates, Inc. Dart game with two microcomputers. 4,516,781, 5-14-85, Cl. 273-373.000.

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Devalit-Plastik van Deest GmbH & Co. KG: *See—*

Matthei, Ernst A., 4,531,704, Cl. 249-67.000.

DeVall, Donald L.; DeVall, Hu D.; and Tennant, Clarence L. Apparatus for repairing chains. 4,506,501, 3-26-85, Cl. 59-7.000.

DeVall, Hu D.: *See—*

DeVall, Donald L.; DeVall, Hu D.; and Tennant, Clarence L., 4,506,501, Cl. 59-7.000.

Devaney, Anthony J., to Schlumberger Technology Corporation. Diffraction tomography system and methods. 4,562,540, 12-31-85, Cl. 364-400.000.

DeVaney, David B.: *See—*

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Devaney, Michael J.: *See—*

Modzinski, Charles J.; and Devaney, Michael J., 4,501,390, Cl. 237-12.30C.

DeVaughn, Donald H., to Bio-Plas, Inc. Stretchable cap for sealing and/or resealing blood drawing tubes and the like. 4,542,833, 9-24-85, Cl. 215-319.000.

DeVault, Donald G.: *See—*

Morrell, David J.; DeVault, Donald G.; and Sands, William K., Jr., 4,494,224, Cl. 367-2.000.

Devaure, Bernard, to Commissariat a l'Energie Atomique. Earthquake simulator. 4,513,402, 4-23-85, Cl. 367-73.000.

Devaux, Albert F. L. G.; and Moniotte, Philippe G., to Monsanto Europe, S.A. Sulphur-containing polymers useful as stabilizing agents for rubber vulcanizates. 4,552,929, 11-12-85, Cl. 525-332.600.

Devchoudhury, Rathindra N., to NCR Corporation. ROM security circuit. 4,513,389, 4-23-85, Cl. 364-900.000.

Deve, Vagn, to Combustion Engineering, Inc. Apparatus with heat exchange means for treating solid, granular and aggregate materials. 4,507,081, 3-26-85, Cl. 432-106.000.

Deve, Vagn, to Combustion Engineering, Inc. Apparatus with heat exchange means and transfer pipe for treating solid, granular and aggregate materials. 4,533,087, 8-6-85, Cl. 241-65.000.

DeVeau, George F., Jr.; and Miller, Calvin M., to AT&T Bell Laboratories. Low loss optical fiber splicing. 4,544,234, 10-1-85, Cl. 350-96.210.

DeVeau, George F., Jr.; and Miller, Calvin M., to AT&T Bell Laboratories. Optical fiber connector and articles connected therewith. 4,545,644, 10-8-85, Cl. 350-96.210.

Deveau, Paul J.; Greenberg, Paul B.; and Paolillo, Roger E., to United Technologies Corporation. Gas turbine engine active clearance control. 4,513,567, 4-30-85, Cl. 60-39.020.

Devecchi, Daniele; and Torelli, Guido, to SGS-ATES Componenti Elettronici S.p.A. Output interface for a three-state logic circuit in an integrated circuit using MOS transistors. 4,555,644, 11-26-85, Cl. 307-482.000.

de Velasco, Frank: *See—*

Carro, Jose; and de Velasco, Frank, 4,522,922, Cl. 436-500.000.

Develcon Electronics Ltd.: *See—*

Dodds, David E.; and Bertsch, Ludo A., 4,525,845, Cl. 375-36.000.

Dodds, David E.; and Bertsch, Ludo A., 4,534,038, Cl. 375-36.000.

Dodds, David E.; and Bertsch, Ludo A., 4,534,039, Cl. 375-36.000.

Develle, Guy; and Martin, Gerard, to Sofiltra Poelman. Apparatus for pressurization and filtration of contaminated air. 4,514,198, 4-30-85, Cl. 55-337.000.

Devellian, Richard D.; and Swenson, Paul M., to Kona Corporation. Heat pipe manifold system. 4,500,279, 2-19-85, Cl. 425-548.000.

Develop Dr. Eisbein GmbH & Co.: *See—*

Eisbein, Jurgen, 4,525,063, Cl. 355-72.000.

Kaufmann, Heinrich; and Brenner, Friedhelm, 4,525,057, Cl. 355-3.0FU.

Moser, Kurt, 4,494,746, Cl. 271-164.000.

Moser, Kurt; and Hofmann, Rolf, 4,515,459, Cl. 355-3.0FU.

Development Finance Corporation of New Zealand: *See—*

Brookes, David L.; Weatherly, John D.; and Dillicar, Colin R., 4,516,770, Cl. 273-11.00R.

Buckle, Ian G.; and Built, Steven M., 4,499,694, Cl. 52-167.000.

Law, David, 4,543,687, Cl. 16-388.000.

Pearce, Euan I. F., 4,532,124, Cl. 424-52.000.

Rewcastle, Gordon W.; Atwell, Graham J.; Baguley, Bruce C.; and Denny, William A., 4,537,729, Cl. 260-944.000.

Devenny, Kirk. Corsage support. 4,559,675, 12-24-85, Cl. 24-5.000.

De Vera, Dennis, to Eaton Corporation. Switching mechanism and method of making same. 4,536,953, 8-27-85, Cl. 29-622.000.

DeVera, Nedie L., to Uniroyal, Inc. Modified ionic elastomer and blend with nylon. 4,544,702, 10-1-85, Cl. 525-66.000.

Deverell, Harry E.; and Beigay, Jack M., to Allegheny Ludlum Steel Corporation. Method of welding ferritic and austenitic stainless steels and product thereof. 4,525,620, 6-25-85, Cl. 219-137.0WM.

Deverill, Robert J.: *See—*

Glinn, Terence G. J.; and Deverill, Robert J., 4,548,256, Cl. 164-529.000.

Devery, Kieran: *See—*

Hickey, David J.; and Devery, Kieran, 4,541,359, Cl. 119-1.000.

Deves, Patrick, to Cibie Projecteurs. Headlamp for an automobile. 4,562,519, 12-31-85, Cl. 362-308.000.

DeViaris, Guy, to Otis Elevator Company. Transportation system having a cable drawn vehicle. 4,550,663, 11-5-85, Cl. 104-119.000.

Devic, Michel, to PCUK Produits Chimiques Ugine Kuhlmann. Process of decomposition of a complex of ortho-benzoyl benzoic acid, hydrogen fluoride and boron trifluoride. 4,496,760, 1-29-85, Cl. 562-460.000.

Devico, Michael J.; and Hillman, Gary, to Machine Technology, Inc. Splash retarder. 4,517,752, 5-21-85, Cl. 34-58.000.

Devienne, Jules H. P., to Societe Nationale Industrielle et Aerospatiale. Device for maintaining a detonating cord against a transparent aircraft canopy member. 4,512,538, 4-23-85, Cl. 244-122.0AF.

De Vilder, Rudy J. C.; and Gryspeerdt, Jose G. T., to Sperry Corporation. Tensioning device for power transfer assembly. 4,531,348, 7-30-85, Cl. 56-11.600.

Devillard, Jacques; and Granier, Jean, to Commissariat a l'Energie Atomique. Process for the preparation of a composite material and composite material obtained by this process. 4,541,985, 9-17-85, Cl. 419-10.000.

Deville, Jean-Pierre, to SEB S.A. Method for enameling the bottom face of a culinary vessel of aluminum or aluminum alloy and a culinary vessel obtained in accordance with said method. 4,508,100, 4-2-85, Cl. 126-390.000.

de Villepoix, Raymond; Fages, Jean; Forges, Robert; Abbes, Claude; and Rouaud, Christian, to Commissariat a l'Energie Atomique. Flexible metal sealing joint incorporating expendable projecting portions. 4,561,662, 12-31-85, Cl. 277-229.000.

Devimeux, Daniel P.: *See—*

Clapp, Craig S. K.; Shilston, Norman L.; Jolivet, Jean-Claude R.; Devimeux, Daniel P.; and Riou, Armand, 4,562,466, Cl. 358-133.000.

De Vincentiis, Leonardo, to Ausonia Farmaceutici s.r.l. Anti-inflammatory, disinfectant and anti-bacterial compound. 4,496,589, 1-29-85, Cl. 514-565.000.

De Vincentiis, Leonardo, to Ausonia Farmaceutici s.r.l. 2-hydroxy-3-(o-methoxy-phenoxy)propyl 2-(p-isobutyl-phenyl)-propionate and pharmaceutical compositions containing the same. 4,501,914, 2-26-85, Cl. 560-105.000.

De Vincentiis, Leonardo, to Ausonia Farmaceutici s.r.l. Vasodilator compound and pharmaceutical compositions therefrom. 4,503,076, 3-5-85, Cl. 514-631.000.

DeVincentis, Cheryl H. Hairbrush and aerosol spray assembly. 4,557,619, 12-10-85, Cl. 401-190.000.

Devine, James B. Apparatus for sampling paper pulp liquor. 4,517,053, 5-14-85, Cl. 162-251.000.

Devine, Janet: *See—*

Irwin, Charles; Devine, Janet; and Kramer, Richard, 4,501,285, Cl. 134-58.00R.

Devine, John W., Jr.: *See—*

Nestor, Jack; and Devine, John W., Jr., 4,545,081, Cl. 623-11.000.

Devine Lighting: *See—*

Nagel, Robert, 4,545,007, Cl. 362-329.000.

Devine, Thomas H. Universal stern tube and propeller shaft sealing apparatus. 4,504,065, 3-12-85, Cl. 277-12.000.

Devins, John C., to General Electric Company. Means to improve the dielectric performance of an insulative conduit with a flow of liquid dielectric coolant therein. 4,513,346, 4-23-85, Cl. 361-212.000.

Devins, John C.; and Sharbaugh, Amandus H., to General Electric Company. Remote pressure sensor. 4,522,065, 6-11-85, Cl. 73-705.000.

Devis, Georges: *See—*

Dupressoir, Albert; and Devis, Georges, 4,529,989, Cl. 343-756.000.

De Vita, Joseph P.; Mulder, Thomas J.; O'Mohundro, Kenneth J.; Wellington, Leslie J.; Deeter, Wayne R.; and Sternaman, Larry D., to Able Computer. Communication control apparatus for digital devices. 4,547,880, 10-15-85, Cl. 370-91.000

Devita, Philip S.: *See—*

Zimmerman, Bonnie L.; Gannaway, Thomas W.; Resinski, Lawrence J.; and Devita, Philip S., 4,541,806, Cl. 434-258.000.

DeVito, Anthony J.: *See—*

Davenport, Harold D.; and DeVito, Anthony J., 4,524,962, Cl. 270-21.100.

De Vito, Nicholas A. Hoisting and shackle system. 4,538,850, 9-3-85, Cl. 294-89.000.

Devitt, Charles J.; Freeman, LeRoy M.; and Slater, Saul I., to Slater Electric Inc. Emergency light switch. 4,556,863, 12-3-85, Cl. 340-81.00R.

De Vizzi, Francesco: *See—*

Pardini, Franco P.; and De Vizzi, Francesco, 4,492,836, Cl. 200-144.00R.

DeVlieg Machine Company: *See—*

Ortlieb, Robert M., 4,516,889, Cl. 408-152.000.

Devlin, Barry R. J., to Shell Oil Company. Method for sterilizing male parts of plants. 4,555,260, 11-26-85, Cl. 71-88.000.

Devlin, Barry R. J., to Shell Oil Company. Method for sterilizing male parts of plants. 4,560,401, 12-24-85, Cl. 71-88.000.

Devlin, George V.: *See—*

Dufresne, Gilles L.; Devlin, George V.; Campbell, Alexander F.; and Campbell, David, 4,495,545, Cl. 361-384.000.

Devoe-Holbein International, N.V.: *See—*

DeVoe, Irving W.; and Holbein, Bruce E., 4,530,963, Cl. 525-54.100.

DeVoe, Irving W.; and Holbein, Bruce E., to Devoe-Holbein International, N.V. Insoluble chelating compositions. 4,530,963, 7-23-85, Cl. 525-54.100.

Devoe, Richard A.: *See—*
- Whitely, Elliot F.; Devoe, Richard A.; and Gadbois, Gerald W., 4,499,134, Cl. 428-102.000.

Devoise-Lambert, Andre ; and Gisi, Ulrich, to Sandoz Ltd. Fungicides containing CYMOXANIL and an oxazolidenylacetamide. 4,507,310, 3-26-85, Cl. 514-376.000.

Devolder, Claude; and Gaultier, Gerard, to Thomson-CSF. Pulse signal quantification device for secondary radar. 4,529,984, 7-16-85, Cl. 343-5.0VQ.

De Volder, Noel J.: *See—*
- de Winter, Walter F.; Uytterhoeven, Herman J.; Gilliams, Yvan K.; and De Volder, Noel J., 4,522,908, Cl. 430-114.000.
- Uytterhoeven, Herman J.; Gilliams, Yvan K.; De Winter, Walter F.; Marien, August M.; and De Volder, Noel J., 4,525,446, Cl. 430-117.000.

Devon County Council: *See—*
- Brown, Leslie; Braven, James; and Rhead, Michael M., 4,554,077, Cl. 210-656.000.

Devona, James E.; and Essigmann, Martin L., to DeSoto, Inc. Vinylidene chloride and styrene-containing copolymer latices. 4,500,673, 2-19-85, Cl. 524-548.000.

DeVore, James R.; and Roettgen, Leslie A., to Cummins Engine Company, Inc. Oil temperature control system for internal combustion engine. 4,512,300, 4-23-85, Cl. 123-196.0AB.

Devos, Francis: *See—*
- Boursier, Bernard; Bussiere, Guy; Devos, Francis; and Hughette, Michel, 4,497,846, Cl. 426-660.000.

deVos, Jacobus A.: *See—*
- Faber, Johannes W.; and deVos, Jacobus A., 4,504,936, Cl. 369-34.000.

deVreeze, Joop J.; Tijssen, Zwier; and Doorley, Daniel, to Multigood, B.V. Painting tool. 4,555,195, 11-26-85, Cl. 401-218.000.

Devrient, Ludwig, to GAO Gesellschaft fur Automation und Organisation mbH. Check paper that is protected against forgery and tampering. 4,496,961, 1-29-85, Cl. 346-206.000.

Devrient, Ludwig; and Gauch, Wolfgang, to GAO Gesellschaft fur Automation und Organisation mbH. Guilloche identification card. 4,504,083, 3-12-85, Cl. 283-77.000.

Devrient, Ludwig: *See—*
- Maurer, Thomas; Gauch, Wolfgang; and Devrient, Ludwig, 4,544,181, Cl. 283-74.000.

DeVries, Douglas C.: *See—*
- Mallalieu, David H.; Apostola, Samuel N.; and DeVries, Douglas C., 4,524,514, Cl. 30-169.000.

DeVries, Douglas F.; and Cohen, Arie, to Bear Medical Systems, Inc. Medical ventilator system. 4,527,557, 7-9-85, Cl. 128-204.230.

de Vries, Gerhard, to Continental Gummi-Werke Aktiengesellschaft. Extruder. 4,504,150, 3-12-85, Cl. 366-80.000.

de Vries, Gerhard: *See—*
- Sievers, Willi; Schluter, Hartwig; and de Vries, Gerhard, 4,556,376, Cl. 425-133.500.

de Vries, Gerhard H. F., to U.S. Philips Corporation. Gas discharge display device having anodized and unanodized electrode surface areas. 4,494,037, 1-15-85, Cl. 313-584.000.

DeVries, Henry L.; Roth, Myron A., Jr.; and Roth, William A., to Midwest Fasteners Corp. Fastener storage and display rack. 4,502,741, 3-5-85, Cl. 312-108.000.

DeVries, James H., to DLP Inc. Cardioplegia temperature indicator. 4,509,532, 4-9-85, Cl. 128-736.000.

DeVries, James H., to Baxter Travenol Laboratories, Inc. Fluid pumping assembly including a prepackaged fluid circuit module. 4,526,515, 7-2-85, Cl. 417-63.000.

DeVries, James H.; and Dufek, John H., to DLP Inc. Surgical knife cleaner. 4,547,923, 10-22-85, Cl. 15-104.00R.

De Vries, Jan W., to Isem B.V. Mixing apparatus, having seals which may be satisfactorily cleaned, particularly for the pharmaceutical industry. 4,534,658, 8-13-85, Cl. 366-287.000.

de Vries, Jochem J., to U.S. Philips Corporation. Shaving apparatus. 4,545,120, 10-8-85, Cl. 30-34.200.

de Vries, Jochem J.: *See—*
- Groothuis, Gerrit J.; de Haan, Atze; Poel, Hendrik; Tietjens, Eduard W.; and de Vries, Jochem J., 4,510,687, Cl. 30-34.200.

Devries, Louis; and Ryason, P. R., to Chevron Research Company. Conversions of low molecular weight hydrocarbons to higher molecular weight hydrocarbons using a boron compound containing catalyst. 4,507,517, 3-26-85, Cl. 585-415.000.

Devriese, Thierry E. G., to Sperry Corporation. Combine harvester straw hood. 4,510,947, 4-16-85, Cl. 130-27.00B.

Devro, Inc.: *See—*
- Crooks, Hubert B., 4,526,580, Cl. 8-94.180.
- Hanlon, Allan J., 4,500,574, Cl. 428-35.000.
- Temple, Stephen; Jones, Nigel J.; and Syrop, Alan N., 4,550,472, Cl. 17-1.00R.
- Ziolko, Francis J., 4,549,330, Cl. 17-34.000.

Devroede, Emile M.: *See—*
- Herten, Joris F. A.; and Devroede, Emile M., 4,540,736, Cl. 524-556.000.

de Vroom, Hubertus M., to Nordipa AG. Method for the fabrication of transferable enamel sheet. 4,497,851, 2-5-85, Cl. 427-147.000.

DeVroom, William A., to American Hospital Supply Corporation. Manifold for monitoring hemodynamic pressure. 4,515,278, 5-7-85, Cl. 211-107.000.

Devry, William E., to B. F. Goodrich Company, The. Fabric coating composition with low formaldehyde evolution. 4,524,093, 6-18-85, Cl. 427-389.900.

Devuyst, Eric A.; and Ettel, Victor A., to Inco Limited. Process of producing cobalt-containing solutions and salts. 4,514,372, 4-30-85, Cl. 423-493.000.

Devuyst, Eric A.: *See—*
- Borbely, Gyula J.; Devuyst, Eric A.; Ettel, Victor A.; Mosoiu, Marcel A.; and Schitka, Konstantin J., 4,537,686, Cl. 210-713.000.

Dew, Brock S.; and Greiff, Paul, to Charles Stark Draper Laboratory, Inc., The. Spatially integral, video signal processor. 4,516,263, 5-7-85, Cl. 382-41.000.

deWaard, Peter J.: *See—*
- dePoorter, Johannes A.; deWaard, Peter J.; Tijburg, Rudolf P.; and Dinghs, Gerardus L., 4,558,448, Cl. 372-44.000.

Dewaegheneire, Gabriel, to Leuven Research & Development. Heat responsive valve. 4,549,717, 10-29-85, Cl. 251-111.000.

De Waele, Gerard, to Hanota Holdings SA. Method for adjusting in the height building blocks and similar. 4,545,948, 10-8-85, Cl. 264-162.000.

DeWald, Carl O.; and Pollock, Jack H. Plug valve with hydraulically actuated seals. 4,497,467, 2-5-85, Cl. 251-78.000.

Dewald, Erwin W.: *See—*
- Downing, Jack G.; Dewald, Erwin W.; and Hayes, David, 4,560,071, Cl. 211-70.800.

DeWald, Jack J. Sub-surface safety gate valve. 4,520,994, 6-4-85, Cl. 251-58.000.

DeWald, Jack J. Unitized well testing apparatus for use in hostile environments. 4,522,258, 6-11-85, Cl. 166-57.000.

Dewald, James R.: *See—*
- Tomalia, Donald A.; and Dewald, James R., 4,507,466, Cl. 528-332.000.
- Tomalia, Donald A.; and Dewald, James R., 4,558,120, Cl. 528-363.000.

deWalle, Richard T.: *See—*
- deWalle, Stewart; and deWalle, Richard T., 4,547,962, Cl. 29-606.000.

deWalle, Stewart; and deWalle, Richard T., to Miep Holdings Inc. Method of making eddy-current probes. 4,547,962, 10-22-85, Cl. 29-606.000.

Dewan, Shashi B.; and Adams, Graham R., to Park-Ohio Industries, Inc. Method and apparatus for controlling the power factor of a resonant inverter. 4,507,722, 3-26-85, Cl. 363-79.000.

Dewan, Shashi B.; and Adams, Graham R., to Park-Ohio Industries, Inc. Power inverter using separate starting inverter. 4,511,956, 4-16-85, Cl. 363-49.000.

Dewanjee, Mrinal K., to Mayo Foundation. Treatment of collagenous tissue with glutaraldehyde and aminodiphosphonate calcification inhibitor. 4,553,974, 11-19-85, Cl. 8-94.110.

Dewar, John H.: *See—*
- Cairns, Thomas M.; Dewar, John H.; and Sumner, Emmons F., 4,531,808, Cl. 339-258.00S.

Dewar, Robert, to Perceptron, Inc. Optical checking apparatus and method of using same. 4,541,721, 9-17-85, Cl. 356-375.000.

Dewberry, James R. Method and apparatus for servicing fluid meters. 4,532,688, 8-6-85, Cl. 29-402.080.

Deweck, Lionel, to Motorola, Inc. Infra-red receiver front end. 4,492,931, 1-8-85, Cl. 330-294.000.

Dewert, Heribert: *See—*
- Holter, Heinz; Igelbuscher, Heinrich; Gresch, Heinrich; and Dewert, Heribert, 4,530,817, Cl. 422-122.000.
- Holter, Heinz; Igelbuscher, Heinrich; Gresch, Heinrich; and Dewert, Heribert, 4,551,304, Cl. 422-4.000.

DeWerth, Douglas W.; and Sheridan, Roger D., to Gas Research Institute. Regulation of blue flame combustion emissions. 4,525,141, 6-25-85, Cl. 431-347.000.

de Wet, Ernest P. Exercising device and method. 4,506,885, 3-26-85, Cl. 272-128.000.

Dewey, Anthony G., to International Business Machines Corporation. Color display from a single light valve. 4,552,441, 11-12-85, Cl. 353-31.000.

Dewey, Daniel O.: *See—*
- Akkerman, Neil H.; and Dewey, Daniel O., 4,519,575, Cl. 251-58.000.

Dewey, George G., to Illinois Tool Works Inc. Device for assuring predetermined joint loading in roof insulation assemblies. 4,545,270, 10-8-85, Cl. 81-429.000.

DewEze Manufacturing, Inc.: *See—*
- Miller, Larry C., 4,519,325, Cl. 111-85.000.

Dewhurst, Alan, to Dewhurst & Partner P.L.C. Lift door control apparatus. 4,512,443, 4-23-85, Cl. 187-57.000.

Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., to Mobay Chemical Corporation. Liquid diphenylmethane diisocyanate compositions. 4,539,156, 9-3-85, Cl. 260-453.0SP.

Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., to Mobay Chemical Corporation. Liquid diphenylmethane diisocyanate compositions. 4,539,157, 9-3-85, Cl. 260-453.0SP.

Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., to Mobay Chemical Corporation. Liquid diphenylmethane diisocyanate compositions. 4,539,158, 9-3-85, Cl. 260-453.0SP.

Dewhurst, John E.: *See—*
- Taylor, Ronald P.; Cekoric, Mark E.; Dewhurst, John E.; and Abouzahr, Saad M., 4,519,965, Cl. 264-51.000.

Dewhurst & Partner P.L.C.: *See—*
- Dewhurst, Alan, 4,512,443, Cl. 187-57.000.

Dewilde, Francois: *See—*

Rouy, Noel, and Dewilde, Francois, 4,518,781, Cl. 548-221.000.

de Willigen, Hans C.; and Kokken, Johannes E., to U.S. Philips Corporation. Rectilinear guide comprising first and second members which are movable one within the other. 4,555,148, 11-26-85, Cl. 308-6.00R.

DeWin, Werner: *See—*

Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August, 4,510,182, Cl. 427-162.000.

Cornils, Boy; Weber, Jurgen; Tihanyi, Bela; and DeWin, Werner, 4,511,439, Cl. 204-37.100.

Erben, Edwin; Muhlratzer, August; Bertinger, Roland; Cornils, Boy; Tihanyi, Bela; and DeWin, Werner, 4,551,328, Cl. 423-607.000.

Dewing, Ernest W.: *See—*

Gesing, Adam J.; and Dewing, Ernest W., 4,495,047, Cl. 204-245.000.

Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., 4,505,796, Cl. 204-243.00R.

Dewing, John; Hogan, Philip J.; and Stewart, Allan, to Imperial Chemical Industries PLC. Controlled dealumination of zeolites. 4,533,533, 8-6-85, Cl. 423-328.000.

Dewing, Kenneth M.: *See—*

Ashbeck, Robert M., 4,541,117, Cl. 383-64.000.

de Winter, Dirk M., to Brunswick Corporation. Gas separating and venting filter. 4,515,606, 5-7-85, Cl. 55-159.000.

de Winter, Walter F.; Uytterhoeven, Herman J.; Gilliams, Yvan K., and De Volder, Noel J., to AGFA-GEVAERT N.V. Liquid electrophoretic developer. 4,522,908, 6-11-85, Cl. 430-114.000.

De Winter, Walter F.: *See—*

Uytterhoeven, Herman J.; Gilliams, Yvan K.; De Winter, Walter F.; Marien, August M.; and De Volder, Noel J., 4,525,446, Cl. 430-117.000.

de Wit, Benjamino; and Wesseling, Karel H., to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Bias control circuit for light-emitting diode having temperature compensation. 4,529,949, 7-16-85, Cl. 330-289.000.

de Wit, Benjamino: *See—*

Wesseling, Karel H.; and de Wit, Benjamino, 4,539,997, Cl. 128-667.000.

de Wit, Hendrik: *See—*

Laarhoven, Johannes J.; van Dongeren, Jan P.; de Wit, Hendrik; and Smeets, Louis M., 4,492,867, Cl. 250-341.000.

de Wit, Hendrik C. Collapsible shopping cart. 4,492,388, 1-8-85, Cl. 280-651.000.

de Wit, Hendrik J.; Van Berlo, Albertus W. M.; and Crevecoeur, Cornelis, to U.S. Philips Corporation. Method of treating foil for electrolytic capacitors. 4,497,699, 2-5-85, Cl. 204-129.200.

Dewitt, B. Chris, to Motorola, Inc. Power multiplexer switch and method. 4,556,804, 12-3-85, Cl. 307-296.00R.

de Witt, Clinton J.; and Reese, Ron. Alcohol compositions having luminous flames. 4,536,188, 8-20-85, Cl. 44-53.000.

de Witt, Clinton J. Snap in cylinders for revolvers. 4,558,530, 12-17-85, Cl. 42-59.000.

DeWitt, Kenneth W.: *See—*

Thornton, Ian; DeWitt, Kenneth W.; and Robertson, Simon A., 4,517,209, Cl. 426-383.000.

DeWitt, Nick; and Greene, Lindsey C., to X-Ten Corporation. Extensible chassis for hauling containers. 4,561,671, 12-31-85, Cl. 280-404.000.

De Witt, Paolo; and Benedetto, Enrico. Electrolytic process for the preparation of organic compounds. 4,521,285, 6-4-85, Cl. 204-72.000.

de Witt, Paolo: *See—*

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DeYoreo, Sal G., to Armatron International, Inc. Insect killing device with removable electrically conductive grid. 4,523,404, 6-18-85, Cl. 43-112.000.

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- DG Shelter Products: *See—*
  - Cope, Carroll W., 4,546,133, Cl. 524-15.000.
- Dgetluck, John, to Pioneer Packaging, Inc. Packaging reel. 4,492,350, 1-8-85, Cl. 242-118.400.
- Dhabhar, Dadi J.; and Schmidt, Nicholas F., to Richardson-Vicks Inc. Hydrophilic denture adhesive. 4,514,528, 4-30-85, Cl. 523-120.000.
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- Dhabhar, Dadi J.; and Schmidt, Nicholas F., to Richardson-Vicks Inc. Poly(ethylene oxide)/polyethylene glycol-containing hydrophilic denture adhesive. 4,522,956, 6-11-85, Cl. 523-120.000.
- Dhabhar, Dadi J.; and Schmidt, Nicholas F., to Richardson-Vicks Inc. CMC/PEG containing hydrophilic denture adhesive. 4,530,942, 7-23-85, Cl. 523-118.000.
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  - Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,398, Cl. 514-245.000.
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- Dhainaut, Andre: *See—*
  - d'Agostino, Guy; Dhainaut, Andre; and Maillard, Claude M. J., 4,502,501, Cl. 137-487.000.
  - d'Agostino, Guy; Dhainaut, Andre; and Maillard, Claude M. J., 4,526,087, Cl. 91-61.000.
  - d'Agostino, Guy; Dhainaut, Andre; and Petiteau, Jacques A. A., 4,526,343, Cl. 251-367.000.
- Dhaliwall, J. S.: *See—*
  - Powers, V. B.; Roberts, J. W.; and Dhaliwall, J. S., 4,529,836, Cl. 174-94.00R.
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  - Delhaye, Michel M.; Dhamelincourt, Paul A.; da Silva, Edouard F.; and Barbillat, Jacques H., 4,523,799, Cl. 350-6.300.
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- Dhein, Rolf; Rottmaier, Ludwig; Merten, Rudolf; and Siebourg, Wolfgang, to Bayer Aktiengesellschaft. Flame-prooved polyamide moulding materials. 4,520,147, 5-28-85, Cl. 524-100.000.
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  - Hentschel, Karl-Heinz; Dhein, Rolf; Winter, Hans; and Vojacek, Herbert, 4,499,000, Cl. 252-73.000.
  - Medem, Harald; Schreckenberg, Manfred; Dhein, Rolf; Nouvertne, Werner; and Rudolph, Hans, 4,506,066, Cl. 528-196.000.
  - Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, 4,546,138, Cl. 524-326.000.
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- D'Hervilly, Guy: *See—*
  - Brunin, Armand; and D'Hervilly, Guy, 4,495,626, Cl. 375-19.000.
- Dheur, Raymond J., to Fabrique Nationale Herstal. Pocket pistol. 4,512,100, 4-23-85, Cl. 42-70.00A.
- Dhillon, Major S., to American Hoechst Corporation. Cleansing agent for printing plates. 4,504,406, 3-12-85, Cl. 252-143.000.
- Dhillon, Major S.: *See—*
  - Bentley, Trisha; Walls, John E.; and Dhillon, Major S., 4,554,236, Cl. 430-157.000.
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- Dholakia, Anil R., to RCA Corporation. Pickup cartridge having improved stylus flylead. 4,502,135, 2-26-85, Cl. 369-170.000.
- D'Hollosy, Antoine: *See—*
  - Cunisse, Michel; Granier, Patrick; D'Hollosy, Antoine; and De Pinho, Daniel, 4,531,839, Cl. 366-110.000.
- D'Hondt, Jean-Pierre, to Intercontrole Societe Anonyme. Eddy current testing device with a balancing digital memory. 4,556,846, 12-3-85, Cl. 324-238.000.
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  - Deering, Roland F.; Hines, John E.; and Dhondt, Roland O., deceased, 4,556,458, Cl. 202-227.000.
- Dhondt, Ruth, executor: *See—*
  - Deering, Roland F.; Hines, John E.; and Dhondt, Roland O., deceased, 4,556,458, Cl. 202-227.000.
- Dhont, Andre G. J.: *See—*
  - Witdoek, Daniel C.; and Dhont, Andre G. J., 4,511,348, Cl. 474-109.000.
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  - Bornstein, Jonathan G.; and Friedman, Peter S., 4,539,625, Cl. 362-32.000.
- Dhyanchand, John: *See—*
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- Diab-Barracuda AB: *See—*
  - Johansson, Lars E., 4,560,595, Cl. 428-17.000.
  - Karlsson, Lars, 4,557,965, Cl. 428-196.000.
  - Karlsson, Lars G., 4,493,863, Cl. 428-17.000.
  - Karlsson, Lars G., 4,529,633, Cl. 428-17.000.
- Diachem Industries, Inc.: *See—*
  - Sortwell, Edwin T., 4,499,214, Cl. 523-336.000.
- Diafloc Co., Ltd.: *See—*
  - Furuno, Akihisa; Inukai, Kenichi; and Ogawa, Yasuo, 4,514,551, Cl. 526-233.000.
  - Handa, Ryoji; Hosoda, Jun; and Yoshida, Norimasa, 4,535,131, Cl. 525-369.000.
- Diagnostic Equipment Development, Inc.: *See—*
  - Board, David B.; and Cooper, William J., 4,530,240, Cl. 73-593.000.
- Diagnostic, Inc.: *See—*
  - Bracke, James W.; and Thacker, Kipling, 4,517,295, Cl. 435-101.000.
- Diamant, Emanuel, to Diuk Tsiyud Haliva. Apparatus and method for identification of objects. 4,517,563, 5-14-85, Cl. 340-825.540.
- Diamantoglou, Michael; Brandner, Alexander; and Meyer, Gerhard, to Akzo N.V. Water-insoluble fibers of cellulose acetate, cellulose propionate and cellulose butyrate with an extremely high absorptive capacity for water and physiological liquids. 4,543,409, 9-24-85, Cl. 536-68.000.
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  - McEvoy, John C.; and Thomas, Leslie P., 4,519,494, Cl. 198-448.000.
  - Thomas, Leslie P., 4,505,373, Cl. 198-432.000.
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- Diamond Communication Products, Inc.: *See—*
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- Diamond, Craig J.: *See—*
  - Tegeler, John J.; and Diamond, Craig J., 4,514,410, Cl. 514-221.000.
  - Tegeler, John J.; and Diamond, Craig J., 4,544,753, Cl. 548-245.000.
  - Tegeler, John J.; and Diamond, Craig J., 4,562,186, Cl. 514-238.000.
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  - McClelland, John R.; Wright, Wade S.; Diamond, Edward P.; Pryor, Leroy C.; and Olson, Douglas R., 4,504,957, Cl. 373-130.000.
- Diamond, Gary. Structural modules. 4,502,257, 3-5-85, Cl. 52-80.000.
- Diamond Guard, Inc.: *See—*
  - Gould, Russell J., 4,541,127, Cl. 2-19.000.
- Diamond, Harvey E. Fluid valve with directional outlet jet of continuously changing direction. 4,542,853, 9-24-85, Cl. 239-383.000.
- Diamond, Jeffrey H.: *See—*
  - Winkler, David S.; and Diamond, Jeffrey H., 4,526,913, Cl. 524-31.000.
- Diamond, Jeffrey S. Combined mailbox and supporting post. 4,498,621, 2-12-85, Cl. 232-35.000.
- Diamond, Julius; and Douglas, George H., to William H. Rorer, Inc. Amidinoureas. 4,515,718, 5-7-85, Cl. 260-239.00B.
- Diamond, Julius; and Wohl, Ronald A., to Berlex Laboratories, Inc. N-[2-hydroxy-2-(3-hydroxyphenyl)ethyl]-1H-benzimidazole-1-butanamine and use thereof as a cardiotonic agent. 4,517,310, 5-14-85, Cl. 514-394.000.
- Diamond, Michael K. Moisture controlling lingual dental mirror. 4,511,329, 4-16-85, Cl. 433-31.000.
- Diamond Oil Well Drilling: *See—*
  - Park, Arthur; and Wilson, Bob T., 4,502,553, Cl. 175-59.000.
- Diamond Shamrock Chemicals Company: *See—*
  - Christie, Nick J.; Cox, Randall A.; James, Robert E.; and Stevenson, James C., 4,531,946, Cl. 8-192.000.
  - Covitch, Michael J.; and Sweetapple, Gary G., 4,540,716, Cl. 521-28.000.
  - Gilligan, Thomas J., III, 4,548,720, Cl. 252-8.50B.
  - Lipowski, Stanley A., 4,504,316, Cl. 106-90.000.
  - Lipowski, Stanley A.; and Miskel, John J., Jr., 4,505,828, Cl. 252-8.55D.
  - Lipowski, Stanley A.; Miskel, John J., Jr.; and Schick, Martin J., 4,505,833, Cl. 252-8.50C.
  - Lipowski, Stanley A.; and Miskel, John J., Jr., 4,552,670, Cl. 252-8.50C.
  - Marcellis, Alphonso W.; Johnson, Grannis S.; and Grinstein, Reuben H., 4,501,594, Cl. 44-51.000.
  - Papadakis, Nicholas, 4,534,356, Cl. 128-635.000.
  - Papadakis, Nicholas; and Kalynchuk, Daniel G., 4,536,274, Cl. 204-433.000.
  - Papalos, John G.; and Sinka, Joseph V., 4,514,189, Cl. 44-51.000.
  - Schick, Martin J.; and Kelley, Edwin L., 4,492,589, Cl. 44-51.000.
  - Schick, Martin J.; and Kelley, Edwin L., 4,492,590, Cl. 44-51.000.
  - Solomon, Frank, 4,500,647, Cl. 502-101.000.
- Diamondback Marine Products, Inc.: *See—*
  - Dyer, Richard J.; and Tarpley, Robert S., 4,532,880, Cl. 114-298.000.
- Diamonstein, Arthur, to Paramount Industrial Companies, Inc. Slat type mattress foundation. 4,535,494, 8-20-85, Cl. 5-400.000.
- Diana, Giorgio, to A. Salvi & C. S.p.A. Damping spacer for bundle conductors of high-voltage electric lines, with improved damping effectiveness. 4,525,596, 6-25-85, Cl. 174-42.000.
- Diana, William D., to Exxon Research & Engineering Co. Alcohol recovery process. 4,538,010, 8-27-85, Cl. 568-918.000.
- Dianitsch, Franz; and Pschebezin, Anton, to Optyl Eyewear Fashion International Corporation. Eyeglasses with exchangeable lenses. 4,523,819, 6-18-85, Cl. 351-106.000.
- Dianitsch, Franz, to Optyl Eyewear Fashion International Corporation. Adjustable nose piece and incorporating sunglasses. 4,549,792, 10-29-85, Cl. 351-63.000.
- Dias, Donald R.; Guterman, Daniel C.; Proebsting, Robert J.; and Leuschner, Horst, to Mostek Corporation. MOS random access

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- Struck, Bernd D.; Dias, Francisco J.; Luhleich, Hartmut; and Paffen nee Siebert, Ursula, 4,512,858, Cl. 204-104.000.

Diasonics, Inc.: *See—*
- Terwilliger, Richard A., 4,524,623, Cl. 73-633.000.
- Teslawski, Georg; and Corl, Paul D., 4,517,985, Cl. 128-660.000.

Diatec Polymers: *See—*
- Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., 4,507,470, Cl. 528-499.000.
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Diaz, Carlos: *See—*
- Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., 4,534,935, Cl. 419-23.000.

Diaz, Frank V. Washing machine rinse-water diverter valve. 4,561,471, 12-31-85, Cl. 137-870.000.

Diaz, Gerard J.: *See—*
- McLaughlin, Thomas F.; and Diaz, Gerard J., 4,512,092, Cl. 40-2.00R.

Diaz, Joe; and Spector, George. Electric socket wrench. 4,524,649, 6-25-85, Cl. 81-57.130.

Diaz, Jose A., to General Portland, Inc. Apparatus for automatically placing bags. 4,548,243, 10-22-85, Cl. 141-114.000.

Diaz, Mario J.: *See—*
- Farris, Richard C.; and Diaz, Mario J., 4,503,929, Cl. 181-118.000.

Diaz, Paul T.: *See—*
- Fife, Michael J.; Diaz, Paul T.; and Dietz, Dennis R., 4,534,221, Cl. 73-626.000.

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Diaz, Zaida, to Shell Oil Company. Solution removal of HCN from gaseous streams, with pH adjustment of reacted solution and hydrolysis of thiocyanate formed. 4,508,693, 4-2-85, Cl. 423-236.000.

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Diaz, Zaida, to Shell Oil Company. H_2S removal from gas streams. 4,518,576, 5-21-85, Cl. 423-573.00R.

Diaz, Zaida, to Shell Oil Company. Process for removal of phenolic inhibitors from polymerizable conjugated olefin. 4,547,619, 10-15-85, Cl. 585-824.000.

Diazzi, Claudio: *See—*
- Alzati, Angelo; Diazzi, Claudio; and Stefani, Fabrizio, 4,553,046, Cl. 307-289.000.
- Stefani, Fabrizio; Cini, Carlo; and Diazzi, Claudio, 4,549,095, Cl. 307-254.000.

Diba, Keyvan T., to Solir Corporation. Solar panel handling and mounting device. 4,498,822, 2-12-85, Cl. 410-2.000.

Dibbern, John E., Jr.; and Moores, Gregory E., to Black & Decker Inc. Electrical connection system for motors. 4,523,116, 6-11-85, Cl. 310-71.000.

Dibbern, John E., Jr.; and Moores, Gregory E., to Black & Decker Inc. Reversing switch. 4,558,189, 12-10-85, Cl. 200-1.00V.

Dibbern, John E., Jr.: *See—*
- O'Hara, Frank J.; Dibbern, John E., Jr.; and Moores, Gregory E., 4,491,752, Cl. 310-71.000.

DiBello, Benedict J.: *See—*
- Moran, Thomas M.; and DiBello, Benedict J., 4,500,240, Cl. 411-103.000.

Di Benedetto, Dominique; and Marchand, Jean-Claude, to Association pour la Recherche et le Devellopement des Methodes et Processus Industriels. Calibration system for gas analyzers. 4,531,398, 7-30-85, Cl. 73-1.00G.

DiBianca, Anthony J.: *See—*
- Scarton, Henry A.; DiBianca, Anthony J.; Lacey, James A.; and Kennedy, Warren C., 4,516,658, Cl. 181-208.000.

DiBianca, Frank A.; Georges, Jean-Pierre J.; Cusano, Dominic A.; and Greskovich, Charles D., to General Electric Company. Rare earth ceramic scintillator. 4,525,628, 6-25-85, Cl. 250-367.000.

DiBianca, Frank A.: *See—*
- Cusano, Dominic A.; Greskovich, Charles D.; and DiBianca, Frank A., 4,518,545, Cl. 264-1.200.
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DiBiano, Robert J. Fractional distillation column control. 4,506,334, 3-19-85, Cl. 364-501.000.

DiBiase, Robert: *See—*
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Dibrell, Edwin W.; and Wood, Charles D., to Centrifugal Piston Expander, Inc. Gas pressure operated power source. 4,513,576, 4-30-85, Cl. 62-87.000.

Dibrell, Edwin W., to Centrifugal Piston Expander, Inc. Method and apparatus for extracting heat and mechanical energy from a pressured gas. 4,520,632, 6-4-85, Cl. 62-403.000.

DiBuo, Louis J.; Solt, Paul E.; and Souders, Marvyn L., to Fuller Company. Pneumatic conveying device. 4,525,106, 6-25-85, Cl. 406-60.000.

DiCarlo, Carlton, to DiCarlo Pen Company. Slitter assembly. 4,530,154, 7-23-85, Cl. 30-294.000.

DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., to Hussmann Corporation. Oil control valve for refrigeration system. 4,503,685, 3-12-85, Cl. 62-193.000.

DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., to Hussmann Corporation. Oil separator unit. 4,506,523, 3-26-85, Cl. 62-470.000.

DiCarlo Pen Company: *See –*
- DiCarlo, Carlton, 4,530,154, Cl. 30-294.000.

DiCastri, Peter. Cooking apparatus. 4,529,379, 7-16-85, Cl. 432-148.000.

DiCello, Robert T., to Ohio State Home Services, Inc. Drainage system and method. 4,538,386, 9-3-85, Cl. 52-169.500.

Dichter, Hans-Joachim. Appliance for feeding glass tubes to glass-processing machines. 4,526,270, 7-2-85, Cl. 198-453.000.

DiCicco, Paolo S. Apparatus for processing articles in a series of process solution containers. 4,520,834, 6-4-85, Cl. 134-63.000.

Di Cicco, Thomas A., to Comtech Telecommunications Corp. Digitally controlled AGC amplifier. 4,517,526, 5-14-85, Cl. 330-284.000.

Di Cintio, Roberto: *See—*
- Gazzi, Luigi; D'Ambra, Roberto; Di Cintio, Roberto; Rescalli, Carlo; and Vetere, Alessandro, 4,561,869, Cl. 62-17.000.

Dick, Bernard M., to AT&T Technologies, Inc. Surface mount component. 4,542,439, 9-17-85, Cl. 361-405.000.

Dick, David A.; and Staines, Glyn, to Metal Box p.l.c. Methods and apparatus for flanging tubular polymer articles. 4,559,197, 12-17-85, Cl. 264-249.000.

Dick, David A.: *See—*
- Reed, Leonard W.; Barr, Robert M. S.; and Dick, David A., 4,547,416, Cl. 428-36.000.

Dick, George: *See—*
- Arway, George; Eremity, Frank; Dick, George; and Pullen, Elaine, 4,555,712, Cl. 346-75.000.

Dick, George W., to AT&T Bell Laboratories. Gas plasma display. 4,554,537, 11-19-85, Cl. 340-775.000.

Dick, Heinz, to Ford Motor Company. Air-extraction device for motor vehicles. 4,558,635, 12-17-85, Cl. 98-2.180.

Dick, Heinz: *See—*
- Hawlitzki, Christian; and Dick, Heinz, 4,539,626, Cl. 362-66.000.

Dick Martin Design Ltd.: *See—*
- Martin, Richard A.; and Bialobrzeski, Walter, 4,555,378, Cl. 264-292.000.
- Martin, Richard A., 4,555,429, Cl. 428-131.000.

Dick, Melvin E.; and Peterson, Linn A., to General Motors Corporation. Isolated bumper for damping vibrations in vehicles. 4,509,781, 4-9-85, Cl. 293-104.000.

Dick, Richard J.: *See—*
- Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., 4,543,418, Cl. 549-562.000.
- Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., 4,555,366, Cl. 260-404.800.
- Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., 4,557,870, Cl. 260-404.800.

Dick, Thomas R.; and Metcalf, James F., to Consarc Engineering Ltd. Metal refining process. 4,557,757, 12-10-85, Cl. 75-49.000.

Dick, William J. Modem security device. 4,546,213, 10-8-85, Cl. 179-2.00A.

Dick, William K.: *See—*
- Winter, David F.; and Dick, William K., 4,551,633, Cl. 307-147.000.

Dickakian, Ghazi, to Du Pont de Nemours, E. I., and Company. Post-treatment of spinnable precursors from petroleum pitch. 4,502,943, 3-5-85, Cl. 208-44.000.

Dickakian, Ghazi, to Du Pont de Nemours, E. I., and Company. Spinnable precursors from petroleum pitch, fibers spun therefrom and method of preparation thereof. 4,503,026, 3-5-85, Cl. 423-447.400.

Dickakian, Ghazi, to Du Pont de Nemours, E. I., and Company. Pitch for direct spinning into carbon fibers derived from a coal distillate feedstock. 4,518,482, 5-21-85, Cl. 208-22.000.

Dickakian, Ghazi, to Du Pont de Nemours, E. I., and Company. Aromatic pitch from asphaltene fractions. 4,518,483, 5-21-85, Cl. 208-44.000.

Dickakian, Ghazi B., to Du Pont de Nemours, E. I., and Company. Process for preparing an anisotropic aromatic pitch. 4,522,701, 6-11-85, Cl. 208-40.000.

Dickakian, Ghazi B., to Du Pont de Nemours, E. I., and Company. Pitch for direct spinning into carbon fibers. 4,548,703, 10-22-85, Cl. 208-22.000.

Dickakian, Ghazi B., to Du Pont de Nemours, E. I., and Company. Pitch for direct spinning into carbon fibers derived from a steam cracker tar feedstock. 4,548,704, 10-22-85, Cl. 208-22.000.

Dickakian, Ghazi B., to Du Pont de Nemours, E. I., and Company. High anisotropic pitch. 4,551,225, 11-5-85, Cl. 208-43.000.

Dicke, Hans-Rudolf: *See—*

Schmidt, Manfred; and Dicke, Hans-Rudolf, 4,536,561, Cl. 528-191.000.

Dicke, William C., to Singer Company, The. Pilot adaptor for flat wood boring bits. 4,512,691, 4-23-85, Cl. 408-201.000.

Dicke, William C., to Singer Company, The. Actuator for in-line sander. 4,527,360, 7-9-85, Cl. 51-170.0TL.

Dicken Manufacturing Company: *See—*

Johanson, Leonard T.; and Forrester, Harry L., 4,535,808, Cl. 137-543.000.

Dickenson, Alfred J., to Moray Industries Limited. Garments and/or methods of protecting garments. 4,546,492, 10-15-85, Cl. 2-46.000.

Dickenson, Royston J.; and Jaswa, Vijay C., to General Electric Company. Adjustable gain controller for valve position control loop and method for reducing jitter. 4,556,956, 12-3-85, Cl. 364-162.000.

Dicker, David, to Transkrit Corporation. Tentless continuous mailer assembly. 4,492,334, 1-8-85, Cl. 229-69.000.

Dickerson, Carroll D.: *See—*

Drotar, Frederick L.; Wotton, David R.; Dickerson, Carroll D.; and Makowski, Lawrence A., 4,509,772, Cl. 280-661.000.

Dickerson, Douglas M.; and Fikes, Robert W., to United States Steel Corporation. Apparatus and method of using a fuel gas regulator for a coke oven battery. 4,533,439, 8-6-85, Cl. 201-41.000.

Dickerson, James, to Brown, Kevin E. Collapsible tow cart. 4,523,774 6-18-85, Cl. 280-655.000.

Dickerson, James E.: *See—*

Chan, Yuen H.; Dickerson, James E.; Klara, Walter S.; Kwap, Theodore W.; and Mosley, Joseph M., 4,529,894, Cl. 307-454.000.

Dickerson, Ray, to Kollmorgen Technologies Corporation. Winding technique for multiple winding brushless motors. 4,541,575, 9-17-85, Cl. 242-703.000.

Dickerson, Richard C., to Gulf Oil Corporation. Hydraulic packer assembly. 4,526,229, 7-2-85, Cl. 166-120.000.

Dickerson, Richard C.; and Miller, William S., to Ecolochem, Inc. Process for treating wash water from the manufacture of terephthalic acid. 4,540,493, 9-10-85, Cl. 210-669.000.

Dickerson, Richard C.; and Miller, William S., to Ecolochem, Inc. Deoxygenation process. 4,556,492, 12-3-85, Cl. 210-668.000.

Dickerson, Robert E., to Eastman Kodak Company. Photographic element exhibiting reduced sensitizing dye stain. 4,520,098, 5-28-85, Cl. 430-495.000.

Dickert, James C.; Roccaforte, Harry I.; and Wysocki, Lawrence S., to Champion International Corporation. Carton with carrying handle. 4,498,620, 2-12-85, Cl. 229-52.00A.

Dickert, Joseph J., Jr.: *See—*

Audeh, Costandi A.; and Dickert, Joseph J., Jr., 4,501,651, Cl. 208-11.00R.

Chung, Harold S.; and Dickert, Joseph J., Jr., 4,512,872, Cl. 208-11.0LE.

Dickes, Eric J.; Hill, Thomas C., III; and Flegal, Robert T., to Tektronix, Inc. Phase lock loop having switchable filters and oscillators. 4,510,461, 4-9-85, Cl. 331-1.00A.

Dickey, James W., Jr.: *See—*

Blum, Alvin S.; and Dickey, James W., Jr., 4,502,680, Cl. 272-96.000.

Dickey-john Corporation: *See—*

Bachman, Wesley J., 4,523,280, Cl. 364-424.000.

Beams, David M., 4,531,118, Cl. 340-684.000.

Funk, David B.; Kallmeyer, James D.; and Harker, Wesley H., 4,496,907, Cl. 324-445.000.

Funk, David B.; and Kallmeyer, James B., 4,534,229, Cl. 73-863.000.

Knepler, John T.; and Bachman, Wesley J., 4,491,241, Cl. 221-3.000.

Sokol, David G., 4,551,801, Cl. 364-424.000.

Steffen, David E., 4,555,624, Cl. 250-223.00R.

Dickey, Leland C., to InterNorth, Inc. Continuous flow separation with moving boundary sorption. 4,548,802, 10-22-85, Cl. 423-659.000.

Dickey, Leland C., to InterNorth, Inc. Continuous flow separation with moving boundary sorption. 4,548,803, 10-22-85, Cl. 423-659.000.

Dickey Natural Systems, Inc.: *See—*

Dickey, Patricia C., 4,519,340, Cl. 119-1.000.

Dickey, Patricia C., to Dickey Natural Systems, Inc. Absorbent composition for animal excreta and process for making and using same. 4,519,340, 5-28-85, Cl. 119-1.000.

Dickey, Thomas A., to Avco Corporation. Sub-idle speed control apparatus for an airplane turbine engine. 4,541.237, 9-17-85, Cl. 60-39.281.

Dickhart, William W., III, to Budd Company, The. Laterally damped railway car. 4,526,109, 7-2-85, Cl. 105-199.00R.

Dickhart, William W., III; Graziani, Dante J., Jr.; Herring, James M., Jr.; Pavlick, Michael J.; and Renn, Edward J., to Budd Company, The. Isolator for a spring in a railway car. 4,555,095, 11-26-85, Cl. 267-4.000.

Dickhudt, Eugene A., to Medtronic, Inc. Balloon lead and inflator. 4,519,403, 5-28-85, Cl. 128-785.000.

Dickie, Harold G., to Dickie Investments Incorporated. Fishing net. 4,516,347, 5-14-85, Cl. 43-11.000.

Dickie, Hugh G.: *See—*

Bryant-Jeffries, Keith C.; Dickie, Hugh G.; and Vaughan, Eric V., 4,553,320, Cl. 29-598.000.

Dickie Investments Incorporated: *See—*

Dickie, Harold G., 4,516,347, Cl. 43-11.000.

Dickie, Ray A.: *See—*

Holubka, Joseph W.; and Dickie, Ray A., 4,554,188, Cl. 427-393.500.

Holubka, Joseph W.; and Dickie, Ray A., 4,559,383, Cl. 524-542.000.

Mangels, John A.; and Dickie, Ray A., 4,562,041, Cl. 419-40.000.

Dickinson, Barry L., to Union Carbide Corporation. Thermoplastic polymer plasticized with a poly(aryl ether). 4,532,305, 7-30-85, Cl. 525-390.000.

Dickinson, Ben W. O., III; Dickinson, Robert W.; Odgers, Irving L.; and McGhee, James, to Bechtel National Corp. Earth drilling apparatus and method. 4,497,381, 2-5-85, Cl. 175-61.000.

Dickinson, Ben W. O., III; and Dickinson, Robert W., to Bechtel National Corp. Apparatus for forming and using a bore hole. 4,501,337, 2-26-85, Cl. 175-171.000.

Dickinson, Ben W. O., III. Downhole instrument including a flexible probe which can travel freely around bends in a borehole. 4,524,324, 6-18-85, Cl. 324-323.000.

Dickinson, Ben W. O., III; Dickinson, Robert W.; and Hutchison, Stanley O., to Bechtel National Corp. Hydraulic piston-effect method and apparatus for forming a bore hole. 4,527,639, 7-9-85, Cl. 175-61.000.

Dickinson, Ben W. O., III. Method of transporting a payload in a borehole. 4,560,934, 12-24-85, Cl. 324-323.000.

Dickinson, John; and Warhurst, Peter. Device for installing an article on a vertical surface. 4,527,338, 7-9-85, Cl. 33-180.00R.

Dickinson, John M. C.: *See—*

Stewart, William R.; Stewart, David B.; and Dickinson, John M. C., 4,530,133, Cl. 19-97.000.

Dickinson, Kay H.: *See—*

Crossley, Roger; and Dickinson, Kay H., 4,546,187, Cl. 546-193.000.

Dickinson, Lawrence C. Skiving and roller burnishing tool. 4,509,885, 4-9-85, Cl. 407-1.000.

Dickinson, Lawrence C., deceased; and Corbin, Krestine, executrix. Roller-guided cutting tool. 4,527,929, 7-9-85, Cl. 407-1.000.

Dickinson, Peter; and Ellwood, Michael, to Sericol Group Limited. Water-based photopolymerizable compositions and their use. 4,548,890, 10-22-85, Cl. 430-280.000.

Dickinson, Robert V.; and Galie, Louis M., to System Development Corporation. Method and means using digital data processing means for locating representations in a stored textual data base. 4,495,566, 1-22-85, Cl. 364-200.000.

Dickinson, Robert V.; Galie, Louis M.; and Snow, Craig A. Locating digital coded words which are both acceptable misspellings and acceptable inflections of digital coded query words. 4,499,553, 2-12-85, Cl. 364-900.000.

Dickinson, Robert W.: *See—*

Dickinson, Ben W. O., III; Dickinson, Robert W.; Odgers, Irving L.; and McGhee, James, 4,497,381, Cl. 175-61.000.

Dickinson, Ben W. O., III; and Dickinson, Robert W., 4,501,337, Cl. 175-171.000.

Dickinson, Ben W. O., III; Dickinson, Robert W.; and Hutchison, Stanley O., 4,527,639, Cl. 175-61.000.

Dickinson, Roger P.: *See—*

Cross, Peter E.; and Dickinson, Roger P., 4,496,572, Cl. 514-337.000.

Cross, Peter E.; Dickinson, Roger P.; and Thomas, Geoffrey N., 4,551,468, Cl. 514-339.000.

Cross, Peter E.; and Dickinson, Roger P., 4,555,516, Cl. 514-326.000.

Dickman, Lloyd I., to Digital Equipment Corporation. Central processor with means for suspending instruction operations. 4,504,903, 3-12-85, Cl. 364-200.000.

Dickman, Lloyd I.; and Strecker, William D., to Digital Equipment Corporation. Central processor with instructions for processing sequences of characters. 4,556,951, 12-3-85, Cl. 364-900.000.

Dickore, Karlfried; and Kuhle, Engelbert, to Bayer Aktiengesellschaft. Process for the preparation of N-substituted imido-dicarboxylic acid diaryl esters. 4,491,671, 1-1-85, Cl. 560-115.000.

Dickore, Karlfried: *See—*

Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.

Dicks, Jack L.: *See—*

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Dickson, Edward J.; and Armstrong, Richard J., to Dickson, Edward John. Tape cassette with clutch assembly. 4,512,535, 4-23-85, Cl. 242-200.000.

Dickson, Edward John: *See—*

Dickson, Edward J.; and Armstrong, Richard J., 4,512,535, Cl. 242-200.000.

Dickson, James; Nienart, Louis F.; and Roth, David W., to Allied Corporation. Amorphous metal powder for coating substrates. 4,503,085, 3-5-85, Cl. 427-34.000.

Dickson, James; and Hays, Charles, to Allied Corporation. Platelet metal powder for coating a substrate. 4,513,020, 4-23-85, Cl. 427-34.000.

Dickson, James. Can for containing material for consolidation into widgets and method of using the same. 4,545,955, 10-8-85, Cl. 419-38.000.

Dickson, James; and Hays, Charles, to Gray Tool Company. Method for improving the density, strength and bonding of coatings. 4,562,090, 12-31-85, Cl. 427-34.000.

Dickson, John K., to Schlumberger Electronics (U.K.) Limited. Roller-type ultrasonic inspection device with acoustical isolation. 4,519,251, 5-28-85, Cl. 73-639.000.

Dickson, LeRoy D.: *See—*
Cato, Robert T.; Dickson, LeRoy D.; and Stokes, Olen L., Jr., 4,548,463, Cl. 350-3.710.
Dickson, Mark K.: *See—*
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Dickson, Tim R.: *See—*
Schonhaar, Werner W.; Wallace, Keith; and Dickson, Tim R., 4,541,854, Cl. 65-15.000.
DiClemente, Archimede: *See—*
Pratz, Clarence L.; and DiClemente, Archimede, 4,491,251, Cl. 222-469.000.
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DiCostanzo, Pam, to PD Giftware Designs, Inc. Novelty greeting gift apparatus. 4,525,393, 6-25-85, Cl. 428-7.000.
Dictaphone Corporation: *See—*
Rutkowski, Richard G.; Dwyer, John J.; and Hoover, John W., 4,547,821, Cl. 360-75.000.
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Archer, Sydney; Benagiano, Giuseppe; Crabbe, Pierre; Diczfalusy, Egon; Djerassi, Carl; and Fried, Josef, 4,507,290, Cl. 514-172.000.
Didchenko, Rostislav: *See—*
Nazem, Faramarz; Didchenko, Rostislav; and Fink, David, 4,511,625, Cl. 428-401.000.
Didde Graphic Systems Corporation: *See—*
Rodvelt, Ronnie L., 4,524,692, Cl. 101-350.000.
Romine, Gary L.; Pendleton, Woodrow W.; and Dillinger, Daniel D., 4,557,684, Cl. 425-383.000.
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Didek, Stanislav; Fajt, Ludvik; Reymanova, Marketa; and Markova, Marie, to Vyzkumny ustav bavlnarsky. Method of and apparatus for spinning yarn from staple fibers in an air vortex. 4,553,383, 11-19-85, Cl. 57-403.000.
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Didier Engineering GmbH: *See—*
Wagener, Dietrich; and Blase, Manfred, 4,512,080, Cl. 33-125.00T.
Didier-Werke AG: *See—*
Eschmann, Friedrich; Gelsdorf, Gunter; Nold, Peter; Staats, Gotthard; and Subat, Gerhard, 4,508,504, Cl. 432-217.000.
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Palz, Helmut, 4,492,568, Cl. 432-30.000.
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Didion, Charles J.; and Meade, Albert J., to Didion Manufacturing Company. Liner segments retention means. 4,502,808, 3-5-85, Cl. 403-24.000.
Didion Manufacturing Company: *See—*
Didion, Charles J.; and Meade, Albert J., 4,502,808, Cl. 403-24.000.
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DiDomenico, Robert A., to AMBAC Industries, Incorporated. Timing control mechanism for a fuel injection pump. 4,526,154, 7-2-85, Cl. 123-502.000.
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Zeitler, Louie, 4,516,883, Cl. 405-260.000.
Diebold, Incorporated: *See—*
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Graef, Harry T.; Hill, Jeffrey A.; Mercer, Scott A.; Newton, Kevin H.; Sedlock, Gerald T.; and Wise, Mark J., 4,544,149, Cl. 271-107.000.
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Dieckmann, Dale J.; and Fletcher, Charles W., to Plastic Specialties and Technologies, Inc. Synergistic vinyl halide stabilizer compositions of antimony organic sulfur-containing compounds, alkaline earth carboxylates, and alkali metal carbonates. 4,517,115, 5-14-85, Cl. 252-400.00R.
Dieckmann, J. Robert; Lauber, Michael L.; and Roodvoets, Mark R., to Firestone Tire & Rubber Company, The. Apparatus for producing variable-rate spring. 4,493,631, 1-15-85, Cl. 425-292.000.
Dieckmann, J. Robert; Lauber, Michael L.; and Roodvoets, Mark R., to Firestone Tire & Rubber Company, The. Extrusion-fill method of producing an elastomeric spring. 4,541,978, 9-17-85, Cl. 264-150.000.
Diederich, Dennis A.; Wiegmann, Thomas B.; and Pinnick, Robert V., to Kansas University Endowment Association, The. Method for regional anticoagulation during extracorporeal dialysis. 4,500,309, 2-19-85, Cl. 604-5.000.
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Diederichs, Rolf; and Volkmann, Klaus, to Krautkramer-Branson, Inc. Method and apparatus for resonant sensing device. 4,523,467, 6-18-85, Cl. 73-573.000.
Diedrich, Brian J.; and Wolf, Leslie G., II. Infant carrier. 4,510,634, 4-16-85, Cl. 5-98.00B.
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Diefenthaler, David L. Tile layer. 4,537,531, 8-27-85, Cl. 405-174.000.
Diefenthaler, Robert E., Jr. Auxiliary power system for vehicle air conditioner and heater. 4,531,379, 7-30-85, Cl. 62-236.000.
Dieffenbach, Rudiger; Grunwald, Werner; Perthus, Peter; and Prinzhausen, Friedrich, to Robert Bosch GmbH. Motor vehicle headlight with condensing lens and diaphragm. 4,517,630, 5-14-85, Cl. 362-268.000.
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Politzer, Anton; and Beruller, Roland, 4,535,676, Cl. 89-14.100.
Schleicher, Ulrich, 4,554,872, Cl. 102-490.000.
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- Diem, Hans, to Transnuklear GmbH. Transportation and storage for nuclear fuel wastes. 4,543,488, 9-24-85, Cl. 250-507.100.
- Diemer, Donald J.: *See—*
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- Dien, Sam. Golf club cover. 4,520,855, 6-4-85, Cl. 150-52.00G.
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  - Ventimiglia, Joseph J.; and Diener, Lawrence R., 4,534,391, Cl. 150-52.00R.
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  - Bisacquino, Lenora A.; Dienes, Larry E.; and Plasko, Rudolph J., 4,528,590, Cl. 338-153.000.
- Dienes Werke fur Maschinenteile GmbH & Co. KG: *See—*
  - Ludenbach, Karl; and Huhn, Erhard, 4,516,602, Cl. 137-512.150.
  - Wingen, Peter P., 4,561,335, Cl. 83-481.000.
- Dienes, Zoltan B., to Thomas & Betts Corporation. Method of sealing an electrical cable. 4,511,415, 4-16-85, Cl. 156-48.000.
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  - Howells, Anthony P. S.; Dienglewicz, Anthony M.; Viswanathan, Raman; and Angehrn, Jorg A., 4,556,884, Cl. 340-860.000.
- Dienst, Manfred: *See—*
  - Uhland, Eberhard; Dienst, Manfred; and Wente, Claus-Heinrich, 4,550,002, Cl. 264-40.100.
- Diepers, Heinrich; and Schewe, Herbert, to Siemens Aktiengesellschaft. Pressure-sensitive transducer using piezo ceramic material. 4,495,434, 1-22-85, Cl. 310-338.000.
- Diepeveen, Neal, to Magnavox Government and Industrial Electronics Company. Elevation step scanner. 4,516,159, 5-7-85, Cl. 358-293.000.
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- Diepold-Scharnitzky, Rudolf; Lesche, Wolfgang; and Rindfleisch, Volker, to Siemens Aktiengesellschaft. Electronic controller having a detachable front panel. 4,497,038, 1-29-85, Cl. 364-900.000.
- Dier, Stephen A., to TRW Inc. Valve sleeve shaping method. 4,554,817, 11-26-85, Cl. 72-370.000.
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  - Kilb, Donald A.; and Diercksmeier, Richard A., 4,499,690, Cl. 51-56.00R.
- Dierichs, Wolfgang; Eberhardt, Werner; and Wegner, Jurgen, to Henkel Kommanditgesellschaft auf Aktien. Dehesive lining paper for wall coverings comprising a fleece laminated to a film having a low-energy surface. 4,505,964, 3-19-85, Cl. 428-85.000.
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  - Kluth, Hermann; Roderhoff, Bernhard; Friedemann, Wolfgang; Wegner, Jurgen; and Dierichs, Wolfgang, 4,533,490, Cl. 252-305.000.
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- Dieringer, Bruce G., to Allied Corporation. Dynamoelectric machine. 4,513,214, 4-23-85, Cl. 310-71.000.
- Dierks & Sohne GmbH & Co. KG: *See—*
  - Moller, Dieter; and Boert, Konrad, 4,504,152, Cl. 366-188.000.
- Diers, Franz: *See—*
  - Miller, Gert; Diers, Franz; and Hermanns, Hans-Josef, 4,527,577, Cl. 133-3.00H.
- Diers, Ivan V.: *See—*
  - Nielsen, Grethe C.; Diers, Ivan V.; Outtrup, Helle; and Norman, Barrie E., 4,560,651, Cl. 435-95.000.
- Dierssen, Gunther H.: *See—*
  - Gabor, Thomas; Broberg, David E.; Dierssen, Gunther H.; and Rowenhorst, Donley D., 4,505,720, Cl. 51-295.000.
- Diery, Helmut; and Mees, Bernhard, to Hoechst Aktiengesellschaft. Quaternary crosslinked products of xylylene dichlorides and triethanolamine condensates and their use. 4,500,735, 2-19-85, Cl. 564-286.000.
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- Diesch, Robert E.: *See—*
  - Euteneuer, Charles L.; and Diesch, Robert E., 4,534,519, Cl. 242-68.300.
- Diesel Equipment Limited: *See—*
  - Martin, John C.; and Martin, Paul H., 4,516,594, Cl. 137-15.000.
  - Martin, John C.; and Martin, Paul, 4,526,197, Cl. 137-596.200.
  - Martin, John C., 4,526,418, Cl. 296-182.000.
  - Martin, John C., 4,556,129, Cl. 187-41.000.
  - Martin, Paul, 4,540,329, Cl. 414-545.000.
  - Martin, Paul H.; and Martin, John C., 4,523,898, Cl. 417-269.000.
  - Olins, Richard C., 4,529,351, Cl. 414-545.000.
- Diesel, Hans-Dieter: *See—*
  - Schmidt, Hans J.; Diesel, Hans-Dieter; and Sauer, Burkhard, 4,532,157, Cl. 427-262.000.
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  - Abe, Yoshiaki; Nishimura, Yutaka; and Sugimoto, Hitoshi, 4,516,543, Cl. 123-179.00H.
  - Aoki, Fujio; and Isobe, Hiroshi, 4,492,191, Cl. 123-198.00F.
  - Aoki, Fujio; and Koike, Kazumi, 4,544,097, Cl. 239-126.000.
  - Eberhardt, H. Alfred, 4,553,902, Cl. 417-34.000.
  - Furukawa, Kenji; and Wakabayashi, Shinji, 4,523,633, Cl. 165-76.000.
  - Furukawa, Kenji, 4,538,967, Cl. 417-360.000.
  - Hirano, Yutaka, 4,517,831, Cl. 73-116.000.
  - Ichinose, Toshio, 4,530,336, Cl. 123-502.000.
  - Iio, Masahiro, 4,493,624, Cl. 418-98.000.
  - Inomata, Kenichi, 4,505,122, Cl. 62-133.000.
  - Ishizuka, Yutaka, 4,501,537, Cl. 418-150.000.
  - Ishizuka, Yutaka; and Shibuya, Tsunenori, 4,511,313, Cl. 417-270.000.
  - Ishizuka, Yutaka; and Shibuya, Tsunenori, 4,549,855, Cl. 417-270.000.
  - Ito, Satoru; and Endo, Masatoshi, 4,509,470, Cl. 123-179.00L.
  - Izumi, Kouichi; and Hiyama, Yasuhiro, 4,497,294, Cl. 123-357.000.
  - Kaibara, Nobuhiro; Ida, Toshio; Okuda, Shinji; and Motohashi, Takayuki, 4,524,914, Cl. 239-452.000.
  - Kawatei, Hisatsugu, 4,509,491, Cl. 123-502.000.
  - Madarame, Michimasa; and Ueda, Kaichi, 4,507,935, Cl. 62-227.000.
  - Moriya, Kouichi; and Iwata, Kouki, 4,538,579, Cl. 123-492.000.
  - Moriya, Kouichi; Iwata, Kouki; and Takefuta, Hideyasu, 4,546,736, Cl. 123-179.00G.
  - Nakajima, Nobuyuki; and Yamada, Keiichi, 4,546,739, Cl. 123-299.000.
  - Nakamura, Hisashi, 4,508,080, Cl. 123-449.000.
  - Nakamura, Teruo; and Fukuda, Shoichi, 4,514,157, Cl. 418-259.000.
  - Nomura, Hiroshi, 4,522,112, Cl. 92-71.000.
  - Ochiai, Kouji; and Tomita, Hitoshi, 4,509,492, Cl. 123-569.000.
  - Ohi, Shinichi, 4,502,853, Cl. 418-2.000.
  - Ohkoshi, Masayoshi; and Suzuno, Yoshiro, 4,498,437, Cl. 123-373.000.
  - Ohkubo, Hideo, 4,557,239, Cl. 123-501.000.
  - Okazaki, Michio, 4,510,659, Cl. 29-156.80R.
  - Oshizawa, Hidekazu, 4,492,196, Cl. 123-357.000.
  - Oshizawa, Hidekazu; and Fujimori, Kyoichi, 4,541,380, Cl. 123-357.000.
  - Sakuranaka, Toru; and Aoki, Hachiro, 4,530,330, Cl. 123-449.000.
  - Sakuranaka, Toru, 4,557,240, Cl. 123-502.000.
  - Satoh, Yuji, 4,558,498, Cl. 29-157.10R.
  - Shibuya, Tsunenori; Ishizuka, Yutaka; and Nakamura, Teruo, 4,502,854, Cl. 418-15.000.
  - Shibuya, Tsunenori; and Nakamura, Teruo, 4,507,065, Cl. 418-15.000.
  - Shibuya, Tsunenori, 4,516,920, Cl. 418-23.000.
  - Shibuya, Tsunenori, 4,522,573, Cl. 418-23.000.
  - Shibuya, Tsunenori, 4,538,976, Cl. 418-133.000.
  - Shibuya, Tsunenori, 4,543,049, Cl. 418-269.000.
  - Shibuya, Tsunenori, 4,544,331, Cl. 417-269.000.
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  - Suzuki, Nobuhiko; Sutoh, Shinji; and Sasaki, Masaya, 4,507,932, Cl. 62-180.000.
  - Suzuki, Nobuhiko, 4,510,764, Cl. 62-133.000.
  - Suzuki, Nobuhiko; and Sasaki, Masaya, 4,546,617, Cl. 62-180.000.
  - Swain, James C.; and Thomas, David L., 4,492,527, Cl. 417-222.000.
  - Swain, James C.; and Yates, Jan B., 4,526,516, Cl. 417-222.000.
  - Swain, James C.; and Thomas, David L., 4,533,299, Cl. 417-222.000.
  - Swain, James C.; and Thomas, David L., 4,553,905, Cl. 417-222.000.
  - Taira, Shigeo, 4,501,245, Cl. 123-446.000.
  - Torizuka, Keizi, 4,494,513, Cl. 123-495.000.

  - Torizuka, Keizi, 4,530,335, Cl. 123-495.000.
  - Uchida, Kazuo, 4,524,613, Cl. 73-119.00A.
  - Yamada, Keiichi, 4,528,951, Cl. 123-300.000.
  - Yamada, Keiichi; and Kimura, Hideyuki, 4,537,170, Cl. 123-449.000.
  - Yamamoto, Katsuichi, 4,492,540, Cl. 418-23.000.
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  - Sutoh, Shinji; Hara, Toshizo; and Takahashi, Akiyoshi, 4,519,443, Cl. 165-17.000.
- Diesinger, Walter; and Homburg, Axel, to Dynamit Nobel Aktiengesellschaft. Spin-stabilized training missile. 4,520,972, 6-4-85, Cl. 244-3.100.
- Diesner, Ferdinand: *See—*
  - Muller, Jakob; and Diesner, Ferdinand, 4,531,554, Cl. 139-116.000.
- Diessel, Paul: *See—*
  - Denzinger, Walter; Hartmann, Heinrich; Trieselt, Wolfgang; Mueller, Richard; Diessel, Paul; and Hettche, Albert, 4,559,159, Cl. 252-174.240.
- Dieter Graesslin Feinwerktechnik: *See—*
  - Kammerer, Gerd, 4,504,154, Cl. 368-74.000.
  - Kammerer, Gerd, 4,506,826, Cl. 236-46.00R.
  - Thoma, Friedrich X., 4,549,154, Cl. 335-87.000.
  - Thoma, Friedrich X., 4,558,192, Cl. 200-35.00R.
  - Thoma, Fritz, 4,507,526, Cl. 200-38.00R.
- Dieter, Lynn. Support collar for a trash bag. 4,530,533, 7-23-85, Cl. 294-1.100.
- Dieterich, Charles B., to RCA Corporation. Digital FM ratio detector with gain-controlled filter. 4,528,513, 7-9-85, Cl. 329-145.000.
- Dieterich, Charles B., to RCA Corporation. Video disc encoding and decoding system providing intra-field track error correction. 4,549,228, 10-22-85, Cl. 358-342.000.
- Dieterich, Dieter: *See—*
  - Kopp, Richard; Grogler, Gerhard; Reiff, Helmut; and Dieterich, Dieter, 4,496,491, Cl. 260-453.0AR.
  - Rasshofer, Werner; Balle, Gerhard; Dieterich, Dieter; and Meyborg, Holger, 4,532,266, Cl. 521-159.000.
  - Rasshofer, Werner; Grogler, Gerhard; Konig, Klaus; and Dieterich, Dieter, 4,540,720, Cl. 521-159.000.
- Dieterich Standard Corp.: *See—*
  - Coleman, Darrel F.; and Bond, Morris M., 4,559,836, Cl. 73-861.660.
- Dieterman, Alfred J.: *See—*
  - McCaffrey, Eugene F.; Dieterman, Alfred J.; and Knazko, Luba, 4,540,511, Cl. 252-321.000.
- Diethelm, Adolf. Structural element for the manufacture of casings, wall disks, boxes and such articles. 4,525,964, 7-2-85, Cl. 52-309.110.
- Diethelm, Hermann; and Zahir, Sheik A., to Ciba-Geigy Corporation. Heat-curable mixtures, stable on storage, based on polyimides and containing polymerization catalysts. 4,525,572, 6-25-85, Cl. 528-170.000.
- Dietiker, Paul; Kim, Yong C.; Nelson, Marvin D.; and Olson, Elwyn H., to Honeywell Inc. Gas valve with combined manual and automatic operation. 4,543,974, 10-1-85, Cl. 137-66.000.
- Dietiker, Paul; Olson, Elwyn H.; and Torborg, Ralph H., to Honeywell Inc. Fuel gas control. 4,547,144, 10-15-85, Cl. 431-20.000.
- Dietl, Josef; and Kotilge, Jorg, to Heliotronic Forschungs-und Entwicklungsgesellschaft fur Solarzellen-Grundstoffe m.b.H. Process for the removal of the slag portion from molten mixtures of slag and silicon using a semipermeable separating wall. 4,515,600, 5-7-85, Cl. 23-293.00R.
- Dietliker, Kurt: *See—*
  - Husler, Rinaldo; Rutsch, Werner; and Dietliker, Kurt, 4,498,964, Cl. 204-159.230.
- Dietmann, Karl: *See—*
  - Wiedemann, Fritz; Kampe, Wolfgang; Thiel, Max; Sponer, Gisbert; Roesch, Egon; and Dietmann, Karl, 4,503,067, Cl. 514-411.000.
- Dietrich, Anton; Hartig, Klaus; Lenz, Werner; and Scherer, Michael, to Leybold-Heraeus GmbH. Thermally insulating glazing. 4,548,691, 10-22-85, Cl. 204-192.00P.
- Dietrich, Anton, to Optische Werke G. Rodenstock. Pad assembly for eyeglass frames. 4,556,300, 12-3-85, Cl. 351-137.000.
- Dietrich, Anton: *See—*
  - Hartig, Klaus; Dietrich, Anton; and Scherer, Michael, 4,534,841, Cl. 204-192.00P.
- Dietrich, Bernhard, to SDS-Elektro GmbH. Magnetic snap switch. 4,499,345, 2-12-85, Cl. 200-67.00F.
- Dietrich, Bernhard, to SDS-Elektro GmbH. Electrical plug connection for an electrical cable containing a traction relief. 4,527,855, 7-9-85, Cl. 339-104.000.
- Dietrich, Demus; Horst, Zaschke; Heinz, Altmann; and Michael, Keil. Liquid crystalline nematic compounds. 4,560,496, 12-24-85, Cl. 252-299.610.
- Dietrich, Glory A. Shopping cart safety belt. 4,550,800, 11-5-85, Cl. 182-3.000.
- Dietrich, Gunter: *See—*
  - Anders, Helmut; and Dietrich, Gunter, 4,491,448, Cl. 412-21.000.
- Dietrich, Herbert; and Mall, Gunther, to Pfaff Industriemaschinen GmbH. Parting sword on equipment for letting out hides. 4,502,356, 3-5-85, Cl. 83-175.000.
- Dietrich, Hermann, to Ingenieurburo, Hermann Dietrich. Mechanism for lathe-working articles. 4,553,295, 11-19-85, Cl. 29-1.320.
- Dietrich, Jerry L.: *See—*
  - Rozmus, Walter J.; and Dietrich, Jerry L., 4,500,009, Cl. 220-256.000.
- Dietrich, Klaus; and Kroy, Walter, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Image readout method and device. 4,539,598, 9-3-85, Cl. 358-213.000.
- Dietrich, Martin. Method for cleaning root crops in the field. 4,502,893, 3-5-85, Cl. 134-10.000.
- Dietrich, Paul: *See—*
  - Escher, Sina D.; and Dietrich, Paul, 4,512,352, Cl. 131-276.000.
- Dietrich, Ronald J.: *See—*
  - Hashiguchi, Don H.; Dietrich, Ronald J.; and Schoepe, George P., 4,503,165, Cl. 502-225.000.
  - Hashiguchi, Don H.; Klar, Erhard; and Dietrich, Ronald J., 4,520,130, Cl. 502-345.000.
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- Dietrich, Walter, to Robert Bosch GmbH. Apparatus for opening up folded boxes. 4,531,931, 7-30-85, Cl. 493-317.000.
- Dietrich, Walter: *See—*
  - Denk, Josef; Dietrich, Walter; and Weller, Otto, 4,554,777, Cl. 53-201.000.
- Dietrich, William J., Sr., to DMI, Inc. Implement with horizontal linkage depth control. 4,535,849, 8-20-85, Cl. 172-468.000.
- Dietrich, William J., Sr., to DMI, Inc. Subsoil plow point. 4,538,689, 9-3-85, Cl. 172-700.000.
- Dietrich, William J., Sr., to DMI, Inc. One-pass complete tillage system. 4,542,793, 9-24-85, Cl. 172-180.000.
- Dietrich, William J., Sr.; and Sizelove, Cary L., to DMI, Inc. Agricultural implement with spring cushion for vertically adjustable subframe. 4,546,832, 10-15-85, Cl. 172-260.500.
- Dietrich, William J., Sr.; and Sizelove, Cary L., to DMI, Inc. Spring reset mechanism for tillage tool. 4,548,277, 10-22-85, Cl. 172-265.000.
- Dietrichs, Hans-Hermann: *See—*
  - Sinner, Michael; Dietrichs, Hans-Hermann; Puls, Jurgen; Schweers, Werner; and Brachthauser, Karl-Heinz, 4,520,105, Cl. 435-163.000.
- Diettrich, Lambert J., Jr.; and Servas, Francis M., to Shiley Incorporated. Membrane oxygenator. 4,556,489, 12-3-85, Cl. 210-321.300.
- Diettrich, Lambert J., Jr.: *See—*
  - Servas, Frank; Lewin, John E.; Pavlov, Tudor; and Diettrich, Lambert J., Jr., 4,559,999, Cl. 165-156.000.
- Dietz, Dennis R., to Technicare Corporation. Annular array ultrasonic transducers. 4,537,074, 8-27-85, Cl. 73-625.000.
- Dietz, Dennis R.: *See—*
  - Fife, Michael J.; Diaz, Paul T.; and Dietz, Dennis R., 4,534,221, Cl. 73-626.000.
- Dietz, Gerald E., to Johnson Service Company. Apparatus and method for controlling a main fuel valve in a standing pilot burner system. 4,516,930, 5-14-85, Cl. 431-26.000.
- Dietz, Gunter; and Flagmeyer, Friedhelm, to Gebr. Happich GmbH. Actuating knob, particularly for window cranks of automotive vehicles. 4,534,240, 8-13-85, Cl. 74-545.000.
- Dietz, Gunther: *See—*
  - Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, 4,495,351, Cl. 544-234.000.
- Dietz, Hermann; Grob, Ferdinand; Muller, Klaus; and Reber, Harald, to Robert Bosch GmbH. Method for monitoring operation of a current-limiting type gas sensor. 4,532,013, 7-30-85, Cl. 204-1.00T.
- Dietz, Joachim: *See—*
  - Contartese, Giulio; and Dietz, Joachim, 4,513,782, Cl. 137-625.630.
- Dietz, Karl-Jurgen: *See—*
  - Ali-Khan, Imran; Dietz, Karl-Jurgen; Waelbroeck, Francois; and Wienhold, Peter, 4,494,965, Cl. 55-16.000.
- Dietz, Keith A., to Stewart Engineering & Equipment Co., Inc. Dual-T transfer conveyor. 4,526,266, 7-2-85, Cl. 198-357.000.
- Dietz, Martin: *See—*
  - Munk, Edmund; and Dietz, Martin, 4,552,797, Cl. 428-167.000.
- Dietz, Peter; Muller, Norbert W.; and Kroh, Horst F. M., to Pittler Machinenfabrik AG. Quick-change tool holder for lathes. 4,515,049, 5-7-85, Cl. 82-36.00R.
- Dietz, Peter W.; and Wood, Ralph T., to General Electric Company. Method for coating with an atomizable material. 4,499,118, 2-12-85, Cl. 427-28.000.
- Dietz, Peter W.: *See—*
  - Snaddon, Robert W. L.; and Dietz, Peter W., 4,533,368, Cl. 55-104.000.
- Dietz, Richard E.: *See—*
  - Wilt, Mason S.; and Dietz, Richard E., 4,532,272, Cl. 523-330.000.
- Dietz, Timothy J.: *See—*
  - Stottmann, Richard L.; and Dietz, Timothy J., 4,507,105, Cl. 474-144.000.
- Dietz, Wolfgang: *See—*
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  - Bortfeld, Manfred; Schieber, Eberhard; and Dietzsch, Gunter, 4,543,723, Cl. 30-381.000.
  - Nitschmann, Karl; Dolata, Hans; and Dietzsch, Gunter, 4,554,853, Cl. 83-522.000.
  - Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, 4,558,621, Cl. 83-834.000.

- Dieumegard, Dominique: *See—*
  - Croset, Michel; Dieumegard, Dominique; and Pribat, Didier, 4,540,452, Cl. 148-175.000.
- Dieupart, Michel: *See—*
  - Dussoliet, Jacques; and Dieupart, Michel, 4,519,554, Cl. 242-67.400.
- DiFazio, Robert, to D & S Plug Corporation. Battery holddown arrangement. 4,520,887, 6-4-85, Cl. 180-68.500.
- Difflipp, Kurt; and Wanke, Johannes, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Doctor blade drive. 4,515,078, 5-7-85, Cl. 101-157.000.
- Difflipp, Kurt; and Ochs, Henrich, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Means for clamping gravure plates. 4,527,478, 7-9-85, Cl. 101-415.100.
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  - Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,493,554, Cl. 356-241.000.
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  - Pryor, Timothy R., 4,561,776, Cl. 356-72.000.
- DiFiore, Dante. Auxiliary drainage system for eliminating water problems associated with a foundation of a building. 4,523,875, 6-18-85, Cl. 405-50.000.
- DiFloria, Thomas J.: *See—*
  - Davis, James W.; DiFloria, Thomas J.; and Propst, Larry D., 4,557,474, Cl. 271-301.000.
- DiFonzo, Anthony E.: *See—*
  - Swis, Philip E.; and DiFonzo, Anthony E., 4,518,268, Cl. 374-144.000.
- DiFonzo, Mark A., to Kelly Company Inc. Front-of-dock dockboard. 4,501,042, 2-26-85, Cl. 14-71.300.
- Di Forte Poisson, Marie-Antoinette; Hirtz, Jean-Pierre; Duchemin, Jean-Pascal; and de Cremoux, Baudouin, to Thomson-CSF. Short-wave semiconductor laser. 4,494,237, 1-15-85, Cl. 372-45.000.
- DiFranco, Dioniso, to Peel Truck & Trailer Repair Ltd. Support bar. 4,494,896, 1-22-85, Cl. 410-148.000.
- Digby, James J., to Facet Enterprises, Inc. Compact engine starter drive. 4,524,629, 6-25-85, Cl. 74-7.00R.
- DiGeorge, Michael A. Double-locking ratchet for orthopedic brace. 4,520,804, 6-4-85, Cl. 128-80.00C.
- DiGeronimo, Michael J., to International Paper Company. Sterilization of packaging material. 4,494,357, 1-22-85, Cl. 53-167.000.
- Digger Meter Corporation, The: *See—*
  - Bachmann, Einar H.; and Ingvarsson, Kristjan, 4,491,927, Cl. 364-561.000.
- Diggins, Joseph P., to Foster Wheeler Energy Corporation. Replaceable inspection plug assembly. 4,491,237, 1-1-85, Cl. 220-288.000.
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- Diggins, Joseph P., to Foster Wheeler Energy Corporation. Particle classifier apparatus and method with rudder control vane. 4,504,018, 3-12-85, Cl. 241-53.000.
- Diggle, Dennis A. Geotechnical cone lubrication apparatus and method. 4,499,954, 2-19-85, Cl. 175-21.000.
- Diggle, Edmund A., Jr.; and Cecere, Andrew P., to Samcoe Holding Corporation. Method for automatically detecting and orienting the edge of a tubular knitted fabric. 4,517,712, 5-21-85, Cl. 26-51.400.
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  - Unsworth, Derek; and Diggs, Edward J., 4,496,016, Cl. 180-53.600.
- Digh, Frank, to Harsco Corporation. Concrete core-wall form and stripping assembly therefor. 4,520,989, 6-4-85, Cl. 249-13.000.
- DiGiacomo, Joseph D.: *See—*
  - Dealto, Michael E.; DiGiacomo, Joseph D.; and Marritt, Clifford R., 4,537,104, Cl. 83-348.000.
- DiGiacomo, Louis A.: *See—*
  - Dee, Richard D.; DiGiacomo, Louis A.; and Tomosy, Geza, 4,505,198, Cl. 101-40.000.
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  - Santangelo, John A.; and DiGiantommaso, Michael, 4,550,715, Cl. 128-4.000.
- DiGianvittorio, Fiorindo. Outdoor portable charcoal gas grill. 4,492,215, 1-8-85, Cl. 126-9.00R.
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  - Steetle, David R., 4,538,251, Cl. 367-154.000.
- Digimetrics, Inc.: *See—*
  - Hamilton, Rodrick J., 4,562,330, Cl. 219-110.000.
- DiGiovacchino, David J.: *See—*
  - Leshik, Richard R.; Swallow, Nancy A.; Leusner, Steven J.; and DiGiovacchino, David J., 4,546,002, Cl. 426-576.000.
- DiGiovanni, Donald. Threaded fastener removing tool. 4,503,737, 3-12-85, Cl. 81-436.000.
- DiGiovanni, John; and Golden, Donald M., to Ethicon, Inc. Multiple clip applier. 4,500,024, 2-19-85, Cl. 227-19.000.
- Digital Equipment Corporation: *See—*
  - Abraham, Menachem, 4,535,233, Cl. 250-214.00A.
  - Bean, Robert; Gardner, Edward A.; Chow, Michael; Rubinson, Barry L.; Lary, Richard F.; and Blackledge, Robert, 4,543,626, Cl. 364-200.000.
  - Bruckert, Edward; Conroy, David; Ellison, Richard; and Minow, Martin, 4,552,992, Cl. 178-69.00G.
  - Dickman, Lloyd I., 4,504,903, Cl. 364-200.000.
  - Dickman, Lloyd I.; and Strecker, William D., 4,556,951, Cl. 364-900.000.
  - Ermolovich, Thomas R., 4,527,236, Cl. 364-200.000.
  - Gregory, Jack; and Landry, Christian C., 4,494,720, Cl. 248-371.000.
  - Gustafson, Roy W., 4,495,529, Cl. 360-46.000.
  - Hearn, Patrick L.; and Courtney, Edward, Jr., 4,523,375, Cl. 29-605.000.
  - Hinlein, Sigmund; and Parikh, Shyam C., 4,503,530, Cl. 369-270.000.
  - Lackey, Stanley A.; Meinerth, Kim A.; and Stoner, David A., 4,509,116, Cl. 364-200.000.
  - Manton, John C.; and Okin, Kenneth, 4,500,958, Cl. 364-200.000.
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  - Olsen, Richard E.; and Baker, Dwight C., 4,519,028, Cl. 364-200.000.
  - Pomfret, Stephen T., 4,543,628, Cl. 364-200.000.
  - Rub, Bernardo; and Weng, Lih J., 4,503,420, Cl. 340-347.0DD.
  - Rupp, Charle', 4,529,978, Cl. 340-727.000.
  - Sidman, Michael, 4,536,809, Cl. 360-77.000.
  - Stell, Douglas E., 4,498,098, Cl. 358-22.000.
  - Strecker, William D.; Buzynski, John E.; and Thompson, David, 4,560,985, Cl. 340-825.500.
- Digital Hydraulics, Inc.: *See—*
  - Woodworth, Raymond D.; Stoutamore, James F.; and Vanderhoek, Philip S., 4,550,747, Cl. 137-487.500.
- Digital Marine Electronics Corporation: *See—*
  - Michaels, Sheldon B.; and Giubardo, Mark J., 4,549,312, Cl. 455-311.000.
- Digital Optics Corporation: *See—*
  - Balasubramanian N., 4,505,578, Cl. 355-43.000.
- Digital Products Corporation: *See—*
  - Foley, Steven L.; and Bower, David S., 4,533,141, Cl. 273-86.00C.
- Digital Recording Corporation: *See—*
  - Brenden, Bryon B.; and Russell, James T., 4,545,653, Cl. 350-432.000.
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- Digital Recording Research Limited Partnership: *See—*
  - Weaver, Charles S., 4,535,320, Cl. 340-347.0DD.
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- Digital Services Corporation: *See—*
  - Norman, James W., III, 4,533,952, Cl. 358-160.000.
- Digitized Information Systems Corp., n.v.: *See—*
  - Van Campenhout, Jan; de Stecker, Hans; Notredame, Paul; Muyle, Eddy; Bergmans, Jean-Paul; and Bergmans, Patrick, 4,543,615, Cl. 358-285.000.
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- Digney, Jerry W.: *See—*
  - Wacha, Martin E.; and Digney, Jerry W., 4,529,328, Cl. 401-117.000.
- Digonnet, Michel J. F.: *See—*
  - Shaw, Herbert J.; Chodorow, Marvin; and Digonnet, Michel J. F., 4,515,431, Cl. 350-96.150.
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- Di Gregorio, Vincenzo. Subdivided block components reassemblable into three dimensional figures. 4,522,404, 6-11-85, Cl. 273-157.00R.
- DiGuiseppe, Carl P.: *See—*
  - Cowell, Gary K.; and DiGuiseppe, Carl P., 4,507,259, Cl. 376-173.000.
- Dijet Industrial Co., Ltd.: *See—*
  - Lacey, Ralph W., 4,533,281, Cl. 407-36.000.
- Dijkman, Berend J., to Thomassen & Drijver-Verblifa N.V. Apparatus for placing cones in a box. 4,555,892, 12-3-85, Cl. 53-142.000.
- Dijkmans, Eise C.; and van de Plassche, Rudy J., to U.S. Philips Corporation. Balancing compensation in differential amplifiers with a single-ended drive. 4,517,525, 5-14-85, Cl. 330-260.000.
- Dijkmans, Eise C.: *See—*
  - Van de Plassche, Rudy J.; and Dijkmans, Eise C., 4,502,017, Cl. 330-151.000.
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- Dijkshoorn, Willem: *See—*
  - Schmidt, Werner J.; Dijkshoorn, Willem; Stratmann, Wilhelm; and Vermaas, Leo F., 4,510,167, Cl. 426-607.000.
- Dijkstra, Albert J.: *See—*
  - Maes, Pieter J.; and Dijkstra, Albert J., 4,542,036, Cl. 426-601.000.
- Dijkstra, Jan; and Roza, Engel, to U.S. Philips Corporation. Amplifier with signal-dependent voltage supply source. 4,507,619, 3-26-85, Cl. 330-297.000.

Dijkstra, Kees; and Garenfeld, Andreas J., to U.S. Philips Corporation. Thermodynamic oscillator with average pressure control. 4,498,296, 2-12-85, Cl. 60-521.000.

Dikoff, Joseph K. Golf tool. 4,535,987, 8-20-85, Cl. 273-32.00B.

Di Lascio, Donato. Coffee percolator provided with a device for delivering coffee infusion as well as steam. 4,502,371, 3-5-85, Cl. 99-293.000.

Dilcher, Dietmar: *See—*
  Britzke, Ingo; and Dilcher, Dietmar, 4,495,729, Cl. 49-212.000.

Dilcox, Warren L. Electronic level device. 4,516,329, 5-14-85, Cl. 33-366.000.

Di Lena, Francesco: *See—*
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Dilgren, Richard E.; and Ritter, Paul B., to Shell Oil Company. Selective steam foam soak oil recovery process. 4,532,993, 8-6-85, Cl. 166-303.000.

Dill, Frederick H.; Ling, Daniel T.; and Matick, Richard E., to International Business Machines Corporation. Random access memory having a second input/output port. 4,541,075, 9-10-85, Cl. 365-189.000.

Dill, M. Reese, Jr. Article separator for materials handling. 4,518,151, 5-21-85, Cl. 254-93.0HP.

Dill, Raymond J. Carbon electrode cleaning system. 4,557,009, 12-10-85, Cl. 15-4.000.

Dill, Walter R.; and Gdanski, Ricky D., to Halliburton Company. Method of temporarily plugging portions of a subterranean formation using a diverting agent. 4,527,628, 7-9-85, Cl. 166-295.000.

Dillard, John T. Telephone junction box. 4,560,839, 12-24-85, Cl. 179-81.00C.

Diller, Calvin D.: *See—*
  Beazley, Todd M.; and Diller, Calvin D., 4,547,724, Cl. 324-57.00R.

Diller, Robert W., to Technar, Incorporated. Gas damped acceleration switch. 4,536,629, 8-20-85, Cl. 200-61.45R.

Dilley, Gerald G., to Ben Clements & Sons, Inc. Twist tying machine. 4,559,977, 12-24-85, Cl. 140-93.600.

Dilley, James E.: *See—*
  Graves, Alan F.; and Dilley, James E., 4,528,550, Cl. 340-347.0DD.

Dillicar, Colin R.: *See—*
  Brookes, David L.; Weatherly, John D.; and Dillicar, Colin R., 4,516,770, Cl. 273-11.00R.

Dilling, Peter, to Westvaco Corporation. Process for preparing lignosulfonates. 4,521,336, 6-4-85, Cl. 530-501.000.

Dilling, Peter, to Westvaco Corporation. Selective crosslinking of low molecular weight sulfonated lignins and lignosulfate products produced thereby. 4,534,771, 8-13-85, Cl. 8-524.000.

Dilling, Peter, to Westvaco Corporation. Selective crosslinking of low molecular weight sulfonated lignins and lignosulfate products produced thereby. 4,546,173, 10-8-85, Cl. 530-501.000.

Dilling, Peter, to Westvaco Corporation. Dyestuff composition: disperse or vat dye and lignin sulphonate. 4,551,151, 11-5-85, Cl. 8-524.000.

Dillinger, Daniel D.: *See—*
  Romine, Gary L.; Pendleton, Woodrow W.; and Dillinger, Daniel D., 4,557,684, Cl. 425-383.000.

Dillinger, Thomas E.; and Kueper, Terrance W., to International Business Machines Corporation. Regulator for substrate voltage generator. 4,553,047, 11-12-85, Cl. 307-297.000.

Dillman, Bruce, to Bituma-Stor, Inc. Portable self-erecting surge storage silo. 4,561,821, 12-31-85, Cl. 414-332.000.

Dillman, Glen W.: *See—*
  Dillman, Thomas G.; and Dillman, Glen W., 4,524,265, Cl. 235-95.00R.

Dillman, Thomas G.; and Dillman, Glen W. Mechanical acreage counter. 4,524,265, 6-18-85, Cl. 235-95.00R.

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Dillon, Benny N.: *See—*
  Stolz, Ronald D.; Dillon, Benny N.; and Weihs, Frederick H., 4,529,051, Cl. 177-134.000.

Dillon, Charles M.: *See—*
  Sherwood, Edward F.; Orndorff, Karl B.; and Dillon, Charles M., 4,514,946, Cl. 52-211.000.

Dillon, Douglas M., to Burlington Industries, Inc. Leno selvaging and stretch nozzle system. 4,513,791, 4-30-85, Cl. 139-194.000.

Dillon, Gary E., to International Business Machines Corporation. Edge-triggered latch circuit conforming to LSSD rules. 4,554,466, 11-19-85, Cl. 307-272.00A.

Dillon, Kenneth R.: *See—*
  Gardner, Richard N.; and Dillon, Kenneth R., 4,554,218, Cl. 428-567.000.

Dillon, Michael A.; and Rawlings, David L., to International Hydron Corporation. Cutting device for the precision trimming of the edge of a centrifugally cast lens. 4,534,723, 8-13-85, Cl. 425-289.000.

Dillon, Oscar W.: *See—*
  Spooner, Robert J.; and Dillon, Oscar W., 4,545,447, Cl. 177-165.000.

Dillon, Paul: *See—*
  Stumpf, Walter; and Dillon, Paul, 4,523,344, Cl. 5-477.000.

Dillon, Paul J.; and Stumpf, Walter, to Simmons U.S.A. Corporation. Boxspring having coil compression stops. 4,519,107, 5-28-85, Cl. 5-261.000.

Dillon, Philip L., to Reliance Electric Company. Negative resistance compensated transformer. 4,554,504, 11-19-85, Cl. 323-356.000.

Dills, Reuben H. Adhesive tape tab. 4,512,462, 4-23-85, Cl. 206-53.000.

Dilmore, James A.: *See—*
  Beer, Janos M.; Dilmore, James A.; Vermes, Geza; and Young, William E., 4,539,918, Cl. 110-266.000.

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Dilworth, James L.; and Brinks, Robert J., to Nubs Nob, Inc. Method and apparatus for making artificial snow. 4,493,457, 1-15-85, Cl. 239-25.000.

Di Marchi, Silvio J.: *See—*
  Howard, Fred; Edson, Sydney; Merl, Milton J.; and Di Marchi, Silvio J., 4,531,311, Cl. 40-10.00R.
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Di Marco, Joel E.: *See—*
  DiMarco, Thomas J.; and Di Marco, Joel E., 4,541,152, Cl. 24-271.000.

DiMarco, Louis A., to RCA Corporation. Solvent-cast capacitive high density information disc. 4,515,830, 5-7-85, Cl. 427-122.000.

DiMarco, Thomas J.; and Di Marco, Joel E. Quick hook-up and release buckling for weight lifter belts. 4,541,152, 9-17-85, Cl. 24-271.000.

Di Martini, Carl R.; Howe, Herbert E.; Scott, William L.; and Bulvanoski, Leo J., to ASARCO Incorporated. Low temperature, non-SO_2 polluting, kettle process for separation of lead from lead sulfide-containing material. 4,521,247, 6-4-85, Cl. 75-77.000.

Dimarzio Musical Instrument Pickups: *See—*
  Blucher, Steven L., 4,501,185, Cl. 84-1.150.

DiMassimo, Donald V.; May, John B.; and Lemmon, Michael D., to General Electric Company. Multi-format data display. 4,536,759, 8-20-85, Cl. 340-706.000.

DiMatteo, Paul; and Ross, Joseph, to Robotic Vision Systems, Inc. Detection of three-dimensional information using a projected point or line of light. 4,494,874, 1-22-85, Cl. 356-376.000.

DiMatteo, Paul, to Robotic Vision Systems, Inc. Arrangement of eliminating erroneous data in three-dimensional optical sensors. 4,529,316, 7-16-85, Cl. 356-376.000.

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DiMatteo, Paul L.; Ross, Joseph A.; and Stern, Howard K., to Robotic Vision Systems, Inc. Arrangement for sensing the characteristics of a surface and determining the position of points thereon. 4,508,452, 4-2-85, Cl. 356-375.000.

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Dimedco: *See—*
  Chiodo, Rudolph J., 4,540,258, Cl. 354-62.000.

Dimeff, John, to Mark Telephone Products, Inc. Circuit for linearization of transducer. 4,492,122, 1-8-85, Cl. 73-708.000.

Dimeff, John; and Stewart, Clyde R., to Mark Telephone Products, Inc. Sensor for underground duct probe. 4,527,419, 7-9-85, Cl. 73-40.50A.

Dimeff, John. Flow meter. 4,528,858, 7-16-85, Cl. 73-861.540.

DiMenna, William S.; and Floyd, David M., to FMC Corporation. Nematicidal isothiazole derivatives. 4,539,328, 9-3-85, Cl. 514-372.000.

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  Cullen, John F., 4,494,650, Cl. 206-45.340.

Dimick, David L.; Bly, Kenneth B.; and Ludecke, Otto A., to General Motors Corporation. Wall-flow monolith filter with porous plugs. 4,509,966, 4-9-85, Cl. 55-502.000.

Dimier, Jean-Pierre, to Salomon S.A. Safety ski binding. 4,538,828, 9-3-85, Cl. 280-628.000.

Dimigen, Heinz; and Hubsch, Hubertus, to U.S. Philips Corporation. Carbon-containing sliding layer. 4,525,417, 6-25-85, Cl. 428-244.000.

Di Milia, Vincent; Maldonado, Juan R.; Speidell, James L.; and Warlaumont, John M., to International Business Machines Corporation. Electrostatic or vacuum pinchuck formed with microcircuit lithography. 4,551,192, 11-5-85, Cl. 156-345.000.

Dimitracopoulos, Panayotis C.: *See—*
  Carden, John C.; Dimitracopoulos, Panayotis C.; and Arnold, George D. M., 4,526,064, Cl. 74-804.000.

Dimitrov, Milko D., to N P S P "Novotex". Method of and apparatus for manufacturing yarn with a core. 4,495,757, 1-29-85, Cl. 57-5.000.

Dimitrov, Milko D., to N P S P "Novotex". Method of and apparatus for producing twistless yarns from glued separate fibers fitted together. 4,499,717, 2-19-85, Cl. 57-297.000.

Dimler, Steven R.: *See—*
  Miller, Donald E.; Gilmore, Cecilia; Dimler, Steven R.; and Werstak, Charles E., 4,496,602, Cl. 426-555.000.

Dimmick, W. Scott; Mitchell, Charles S.; and Moon, William G., to Quantum Corporation. Aerodynamically released safety latch for data transducer assembly in rotating rigid disk data storage device. 4,538,193, 8-27-85, Cl. 360-137.000.

Dimock, Jack A.; and Clarke, Peter J., to Sputtered Films, Inc. Wafer processing machine. 4,522,697, 6-11-85, Cl. 204-298.000.

Dimock, Jack A., to Sputtered Films, Inc. Wafer processing machine. 4,523,985, 6-18-85, Cl. 204-298.000.

Dimond, James R.; and Bushman, James B., to Harco Corporation. Anode and connection. 4,515,669, 5-7-85, Cl. 204-196.000.

Dimpel, William L.: *See—*
  Blanton, William A., Jr.; and Dimpel, William L., 4,521,389, Cl. 423-235.000.

Dimple Tie Co., Inc.: *See—*
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Dimroth, Peter: *See—*
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DiNardo, Victor M., to United States Steel Corporation. Modified polypropylene for film. 4,514,534, 4-30-85, Cl. 524-108.000.

DiNatale, Ernest L.; and Yax, Robert J., to Xerox Corporation. Corona generating device. 4,551,784, 11-5-85, Cl. 361-225.000.

Dinelli, Dino: *See—*
Gervasio, Vincenzo; and Dinelli, Dino, 4,513,206, Cl. 290-4.00C.

Dines, Allen I.; Yeung, David; and Nacht, Sergio, to Richardson-Vicks Inc. Monohydroxy-benzoyl peroxide and compositions for treating acne. 4,520,133, 5-28-85, Cl. 514-568.000.

Dines, David R.; and Webb, Vertis C., to AT&T Technologies, Inc. System for loading and dispensing articles from a magazine. 4,512,707, 4-23-85, Cl. 414-404.000.

Dines, David R.; Svoboda, George; and Workman, Robert G., to AT&T Technologies, Inc. Methods and apparatus for assembling permutations of elements into or onto articles. 4,535,535, 8-20-85, Cl. 29-845.000.

Dines, Jack E.: *See—*
Regalbuto, John A.; and Dines, Jack E., 4,537,255, Cl. 166-297.000.

Dines, Philip J.: *See—*
Ffowcs Williams, John E.; Dines, Philip J.; and Heckl, Maria A., 4,557,106, Cl. 60-39.281.

Dinger, Hans; Holzhauer, Hilbert; and Lang, Erberhard, to MTU Motoren-und Turbinen-Union Munchen GmbH. Method and apparatus for the displacement of two thrust reversers of jet engines of an aircraft in synchronism during the thrust reversal phase. 4,522,358, 6-11-85, Cl. 244-110.00B.

Dinger, Hans; and Klotz, Helmut, to MTU Motoren-und Turbinen-Union Friedrichshafen GmbH. Turbocharged internal combustion engine. 4,548,039, 10-22-85, Cl. 60-606.000.

Dinger, Hans: *See—*
Deutschmann, Herbert; and Dinger, Hans, 4,534,324, Cl. 123-90.220.

Dinger, Rudolf, to Asulab S.A. Sensitive element for use in a strain sensor and a sensor comprising such an element. 4,498,344, 2-12-85, Cl. 73-778.000.

Dinger, Rudolf, to Asulab S.A. Pressure sensitive element and a sensor comprising such an element. 4,507,970, 4-2-85, Cl. 73-702.000.

Dinger, Rudolf; Michel, Jean-Georges; and Leuenberger, Claude-Eric, to Asulab S.A. Resonator temperature compensated time base and watch using said time base. 4,537,515, 8-27-85, Cl. 368-202.000.

Dinges, Wolfgang, to Dicom Electronics GmbH. Magnetic card reader. 4,529,872, 7-16-85, Cl. 235-482.000.

Dingess, Billy E. Remote manipulator arm for nuclear generator repair. 4,561,816, 12-31-85, Cl. 414-4.000.

Dingfelder, Alan W. Pump jack. 4,502,343, 3-5-85, Cl. 74-41.000.

Dinghs, Gerardus L.: *See—*
dePoorter, Johannes A.; deWaard, Peter J.; Tijburg, Rudolf P.; and Dinghs, Gerardus L., 4,558,448, Cl. 372-44.000.

Dingler, Gerhard. Combination of form panels and form lock devices. 4,529,163, 7-16-85, Cl. 249-192.000.

Dingus, Jack D.; and Gilliam, Edward C., to Reynolds Metals Company. Can end sampler. 4,519,489, 5-28-85, Cl. 193-31.00R.

Dingwall, Andrew G. F.; and Zazzu, Victor, to RCA Corporation. Flash A/D converter having reduced input loading. 4,507,649, 3-26-85, Cl. 340-347.0AD.

Dingwall, Andrew G. F., to RCA Corporation. High speed sense amplifier. 4,521,703, 6-4-85, Cl. 307-530.000.

Dingwall, Andrew G. F.; and Zazzu, Victor, to RCA Corporation. Apparatus for matching FET switches as for a video digital-to-analog converter. 4,553,132, 11-12-85, Cl. 340-347.0DA.

Dinh, Chan T.: *See—*
Bournonville, Jean-Paul; and Dinh, Chan T., 4,548,918, Cl. 502-154.000.

Dinh, Chom T. L.; Garceau, Roger; Pastor, Marc; and Terreault, Gerard, to Centre de Recherche Industrielle du Quebec. Electrical noise reducer for T.V. signals. 4,562,470, 12-31-85, Cl. 358-167.000.

Dinh, Khanh, to Pulstar Corporation. Freeze protection valve and system. 4,557,252, 12-10-85, Cl. 126-420.000.

DiNicolantonio, Arthur R.; and Wei, Victor K., to Exxon Research & Engineering Co. Furnace having bent/single-pass tubes. 4,499,055, 2-12-85, Cl. 422-197.000.

Dinis, Antonio; de la Fuente, Carlos; and Mondorf, Paul, to Freyssinet International (STUP). Curved device for connection between two rectilinear portions of a stretched cable. 4,505,081, 3-19-85, Cl. 52-223.00L.

Dinitz, Arthur M.; and Pappano, Patrick A., to Transpo Industries. Low profile break safe breakaway system. 4,528,786, 7-16-85, Cl. 52-98.000.

Dinius, Harold B.: *See—*
McKnight, Hugh P.; Welty, Kenneth B.; and Dinius, Harold B., 4,500,247, Cl. 414-416.000.

Dinius, Richard L., to Ethyl Corporation. Absorptive structure. 4,519,798, 5-28-85, Cl. 604-358.000.

Dinkel, Kurt; and Endpess, Rudolf, to Dinkel, Kurt. Body, particularly for truck, having a back foldable sidewall. 4,526,417, 7-2-85, Cl. 296-181.000.

Dinklage, Horst; Fink, Herbert; and Wolf, Hans-Peter, to Rohm GmbH. Two-layered packaging material for foodstuffs one layer of which comprises a polymer blend. 4,525,418, 6-25-85, Cl. 428-264.000.

Dinnage, Derek F.; and Worrall, George F., to APV Equipment, Incorporated. Essence recovery process. 4,561,941, 12-31-85, Cl. 203-24.000.

Dinnissen, Johannes H. A., to Oce-Nederland B.V. Apparatus for feeding sheets one by one. 4,544,147, 10-1-85, Cl. 271-35.000.

Dinnissen, Johannes H. A., to Oce-Nederland B.V. Sheet separation apparatus. 4,546,963, 10-15-85, Cl. 271-35.000.

Di Noia, Emanuel J.; and Breunich, Theodore R., to Peerless Nuclear Corporation. Pressure and differential pressure detectors and transmitter for use in hostile environment. 4,524,624, 6-25-85, Cl. 73-708.000.

DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., to USM Corporation. Micro component assembly machine. 4,501,064, 2-26-85, Cl. 29-832.000.

Dinse, Wolfgang; Balzeit, Ralf; and Gesell, Reinhard, to Dr. Ing. Rudolf Hell GmbH. Drum scanners. 4,492,984, 1-8-85, Cl. 358-289.000.

Dinsmore, Jeffrey P., to Magnetic Controls Company. Electrical jack. 4,548,447, 10-22-85, Cl. 339-14.00R.

Dinsmore, Mark T., to Transkinetics Systems, Inc. Diversity telemetry receiver having plural spaced antennas. 4,539,710, 9-3-85, Cl. 455-134.000.

Di Nunzio, Vittorio, to Fiat Auto S.p.A. Fuel consumption signalling device for a motor vehicle. 4,544,909, 10-1-85, Cl. 340-52.00R.

Di Nunzio, Vittorio: *See—*
Iacoponi, Stefano; and Di Nunzio, Vittorio, 4,499,410, Cl. 318-444.000.

Dinur, Eldad: *See—*
Gorney, Moshe; and Dinur, Eldad, 4,519,546, Cl. 239-542.000.

Dinya, Zoltan: *See—*
Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.

Dion, Donald F.; and Cantella, Michael J., to RCA Corporation. Compression of the dynamic range of video signals. 4,516,167, 5-7-85, Cl. 358-160.000.

Dion, Eric P., to Mobil Oil Corporation. Method for identifying non-magnetic minerals in earth formations utilizing magnetic susceptibility measurements. 4,507,613, 3-26-85, Cl. 324-340.000.

Dion, Eric P., to Mobil Oil Corporation. Method for identifying select non-magnetic minerals in the presence of magnetic minerals. 4,523,149, 6-11-85, Cl. 324-377.000.

Dion, Eric P., to Mobil Oil Corporation. Method for monitoring potassium chloride concentration in drilling fluids. 4,546,252, 10-8-85, Cl. 250-252.100.

Dionex Corporation: *See—*
Mar, Dav, 4,512,545, Cl. 251-4.000.

Dionne, Arthur F.: *See—*
Waterman, George W.; and Dionne, Arthur F., 4,496,129, Cl. 248-527.000.

Dionne, Norman J., to Raytheon Company. Tilt-angle electron gun. 4,562,380, 12-31-85, Cl. 315-4.000.

DiOrio, David W.: *See—*
Charpentier, Albert J.; Redfield, James W.; and DiOrio, David W., 4,551,682, Cl. 328-22.000.

Diosady, Levente L.: *See—*
Rubin, Leon J.; Diosady, Levente L.; Shahidi, Fereidoon; and Wood, Darrell F., 4,559,234, Cl. 426-250.000.

DiPaola, John J.: *See—*
Pulverenti, John T.; Hentz, Robert S.; and DiPaola, John J., 4,532,509, Cl. 340-825.000.

Di Pardo, Robert M.; and Bock, Mark G., to Merck & Co., Inc. Process for preparing certain substituted 4-thiazolidinones. 4,535,164, 8-13-85, Cl. 548-187.000.

Di Passio, Attilio; and Pezzulo, Antimo, to Videocolor S.A. Method of manufacture of a color television tube having low screen reflectance for ambient light. 4,533,610, 8-6-85, Cl. 430-25.000.

Di Pietro, Carlo R., to Westinghouse Canada Inc. Magnetic core spacer with means to prevent adverse vibrations thereof. 4,542,313, 9-17-85, Cl. 310-65.000.

Dipl.-Ing. Hanns Frohler: *See—*
Frohler, Hanns; and Rossberger, Erwin, 4,543,243, Cl. 423-478.000.

Dippel, Theodor; and Loida, Andreas, to Kernforschungszentrum Karlsruhe GmbH. Method for solidifying radioactive wastes. 4,534,893, 8-13-85, Cl. 252-629.000.

Dipper, Barry: *See—*
Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.

Dippert, Rainer: *See—*
Ziegler, Hans; Henze, Siegfried; Dippert, Rainer; Schnaus, Martin; and Golda, Horst, 4,493,234, Cl. 83-175.000.

Dippold, Wolfgang G.: *See—*
Pukel, Clifford S.; Lloyd, Kenneth O.; Travassos, Luiz R.; Dippold, Wolfgang G.; Oettgen, Herbert F.; and Old, Lloyd J., 4,507,391, Cl. 436-504.000.

Dir, Gary A., to Xerox Corporation. Multicolor liquid crystal display with a dead front. 4,506,956, 3-26-85, Cl. 350-339.00F.

Dir, Gary A., to Xerox Corporation. High contrast liquid crystal display devices. 4,527,864, 7-9-85, Cl. 350-337.000.

Dirauf, Otmar; and Spielmann, Norbert, to FAG Kugelfischer Georg Schafer & Co. Disk brake with return, guide, and pad-thickness sensor spring. 4,491,204, 1-1-85, Cl. 188-73.380.

Direct Broadcast Programs Inc.: *See—*
Wilson, Angele; and Wilson, John, 4,560,359, Cl. 446-75.000.

Director-General of Agency of Industrial Science-Technology: *See—*
Hiratani, Kazuhisa, 4,560,759, Cl. 546-178.000.

- Tanihara, Koichi; Tamai, Keiko; and Yasuda, Seiji, 4,530,768, Cl. 210-719.000.

Director-General of the Agency of Industrial Science and Technology: *See—*
- Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.
- Hitotsuyanagi, Hajime; Fujita, Nobuhiko; Itozaki, Hideo; and Kawai, Hiromu, 4,496,450, Cl. 204-192.00R.
- Ichihashi, Taichi; Kawai, Wasaburo; Naraoka, Tadashi; and Asano, Takateru, 4,560,640, Cl. 430-280.000.
- Ishikawa, Masatoshi, 4,551,817, Cl. 364-811.000.
- Jinda, Takuma; Matsuda, Toshikazu; and Sakamoto, Masanori, 4,530,993, Cl. 528-353.000.
- Kambara, Shu; Arakawa, Tatsumi; and Takahashi, Akio, 4,537,950, Cl. 528-380.000.
- Kishi, Yoshiki; Hirotani, Toyotoshi; Ohira, Tomohiro; and Fukui, Yukio, 4,550,294, Cl. 332-7.510.
- Mita, Akio; and Kashiwabara, Susumu, 4,495,082, Cl. 252-194.000.
- Nagata, Sumio; Kanaiwa, Kazuhide; and Ichikawa, Takashi, 4,556,096, Cl. 164-79.000.
- Niwa, Shuichi; Imamura, Juichi; Mizukami, Fujio; Shimizu, Kazuo; and Orito, Yoshio, 4,495,373, Cl. 585-269.000.
- Okado, Hideo; Hashimoto, Kazuo; Kawamura, Kichinari; Yamazaki, Yasuyoshi; and Takaya, Haruo, 4,544,793, Cl. 585-640.000.
- Watanabe, Tadahiko; Tsuya, Yuko; and Enomoto, Yuji, 4,492,764, Cl. 501-87.000.
- Yoshida, Hisayoshi; Ogawa, Ichitaro; Hagio, Tsuyoshi; Kobayashi, Kazuo; and Yamamoto, Takayoshi, 4,518,702, Cl. 501-90.000.

di Ricco, Leo; Schnee, Edward; Stefanini, Zorro; and Frew, Duncan W., to Memorex Corporation. Method to disperse fine solids without size reduction. 4,547,534, 10-15-85, Cl. 523-324.000.

DiRico, Mark A. Carton support and erection machine. 4,522,016, 6-11-85, Cl. 53-564.000.

DiRienzo, Armand. Emergency fuel flow shut-off device. 4,498,606, 2-12-85, Cl. 222-52.000.

Dirks, David E.: *See—*
- Simpson, Neville H.; Dosemagen, Thomas H.; and Dirks, David E., 4,490,969, Cl. 57-217.000.

Dirks, Johann H., to JHD Holding, Ltd. Writing instrument with random number selector. 4,541,630, 9-17-85, Cl. 273-144.00B.

Dirkse, Franciscus J.; and Kulberg, Gerardus H., deceased (by Kulberg-Nierstrasz, Julia F., heiress), to Siemens Gammasonics, Inc. Method and a circuit for processing pulses of a pulse train. 4,535,242, 8-13-85, Cl. 250-363.00S.

Dirksing, John W.: *See—*
- Keyes, Richard E.; and Dirksing, John W., 4,524,916, Cl. 241-101.00A.

Dirnberger, Linus R.: *See—*
- Brick, Michael J.; and Dirnberger, Linus R., 4,555,689, Cl. 340-19.00R.

DiRocco, David J.: *See—*
- DiRocco, Jobbie; and DiRocco, David J., 4,548,102, Cl. 81-15.700.

DiRocco, Jobbie; and DiRocco, David J. Hole filling system for tires. 4,548,102, 10-22-85, Cl. 81-15.700.

Dirscherl, Teresa A.: *See—*
- Tessler, Martin M.; Dirscherl, Teresa A.; and Wurzburg, Otto B., 4,540,778, Cl. 536-114.000.

Diry, Andre. Filter designed for the simultaneous filtration and preheating of the fuel. 4,510,051, 4-9-85, Cl. 210-94.000.

DiSabito, David M.: *See—*
- Vaughan, Raymond C.; DiSabito, David M.; Mruk, Norbert J.; and Eddy, Arthur R., Jr., 4,559,950, Cl. 128-641.000.

di Salle, Enrico: *See—*
- Faustini, Franco; Villa, Vittoria; Gandolfi, Carmelo; and di Salle, Enrico, 4,543,353, Cl. 514-236.000.
- Salvati, Patricia; Caravaggi, Anna M.; Temperilli, Aldemio; Bosisio, Germano; Sapini, Osvaldo; and di Salle, Enrico, 4,526,892, Cl. 514-288.000.

DiSalvo, Anthony L.; and Tsai, Chung-Chieh, to Stauffer Chemical Company. Modified poly(oxazolidone/urethane) compositions. 4,504,633, 3-12-85, Cl. 525-438.000.

DiSalvo, Anthony L.; and Kim, Ki-Soo, to Stauffer Chemical Company. Solventless, polyimide-modified epoxy composition. 4,557,860, 12-10-85, Cl. 252-512.000.

Disanza, William G., Jr. Separation-chamber means. 4,523,936, 6-18-85, Cl. 55-429.000.

DiSanzo, Carmine P.: *See—*
- Cruickshank, Philip A.; DiSanzo, Carmine P.; Kondo, Kiyosi; and Kono, Hiromichi, 4,514,419, Cl. 514-521.000.

Disc Instruments, Inc.: *See—*
- Beauprey, Richard R., 4,533,830, Cl. 250-231.0SE.

Discavage, James L., to Cyklop International Emil Hoffman KG. Strapping machine. 4,502,911, 3-5-85, Cl. 156-499.000.

Discavage, James L.: *See—*
- Bullington, Robert E.; and Discavage, James L., 4,536,248, Cl. 156-502.000.

Discenza, Giovanni J.: *See—*
- Kish, Paul P.; and Discenza, Giovanni J., 4,528,420, Cl. 174-112.000.

Disch, Heinrich: *See—*
- Hengstenberg, Eckart; and Disch, Heinrich, 4,537,017, Cl. 53-515.000.

Dischert, Robert A.; and Topper, Robert J., to RCA Corporation. Television gamma corrector with symmetrical response about black-level. 4,499,494, 2-12-85, Cl. 358-164.000.

Dischert, Robert A.; and Williams, James J., Jr., to RCA Corporation. Digital matrixing system. 4,507,676, 3-26-85, Cl. 358-30.000.

Dischert, Robert A.; and Libbey, Robert L., to RCA Corporation. FM video transmission system having coring and coring compensation for reducing effects of triangular noise. 4,520,396, 5-28-85, Cl. 358-167.000.

Dischert, Robert A.; and Meise, William H., to RCA Corporation. Adaptive digital signal coring circuit. 4,538,236, 8-27-85, Cl. 364-574.000.

Dischert, Robert A.; Moles, Warren H.; Rhodes, Roland N.; and Walter, James M., to RCA Corporation. Digital video transmission system. 4,550,337, 10-29-85, Cl. 358-13.000.

Dischert, Robert A.; and Meise, William H., to RCA Corporation. Kinescope blanking scheme for wide-aspect ratio television. 4,556,906, 12-3-85, Cl. 358-180.000.

Dischert, Robert A.: *See—*
- Hurst, Robert N., Jr.; and Dischert, Robert A., 4,553,157, Cl. 358-27.000.
- Meise, William H.; and Dischert, Robert A., 4,551,754, Cl. 358-180.000.

Dischert, William A., to RCA Corporation. Video disc player having carriage drive mechanism. 4,493,070, 1-8-85, Cl. 369-77.200.

Dischert, William A., to RCA Corporation. Method and apparatus for aligning a chuck for holding an information containing disc stylus. 4,536,238, 8-20-85, Cl. 156-64.000.

Disco Abrasive Systems, Ltd.: *See—*
- Kajiyama, Keiichi, 4,547,998, Cl. 51-206.00R.
- Ono, Takatoshi, 4,558,686, Cl. 125-13.00R.

Disco Aluminum Products Co., Inc.: *See—*
- Meigs, William; Guffey, David M., and Brumfield, Donald E., 4,514,948, Cl. 52-397.000.

Disco Co., Ltd.: *See—*
- Sekiya, Shinji, 4,521,995, Cl. 51-235.000.
- Sekiya, Shinji; and Ono, Takatoshi, 4,545,154, Cl. 51-209.00R.

Discovery Concepts, Inc.: *See—*
- Ziegelheim, Irwin I.; and Lerner, Lawrence, 4,536,044, Cl. 312-257.00R.

Discovision Associates: *See—*
- Dakin, Wayne R.; and Isailovic, Jordan, 4,499,502, Cl. 358-310.000.
- Dakin, Wayne R.; and Ceshkovsky, Ludwig, 4,506,355, Cl. 369-32.000.
- Eberly, Carlyle J., 4,504,939, Cl. 369-46.000.
- Efron, Edward; McPherson, James O.; and Kim, Young B., 4,524,444, Cl. 371-24.000.
- George, David J.; Nguyen, Hue V.; and Yardy, Raymond, 4,495,623, Cl. 371-38.000.
- Giddings, Gary M., 4,536,863, Cl. 369-43.000.
- Gregg, David P., 4,500,484, Cl. 264-107.000.
- Hyde, James L., 4,535,548, Cl. 34-4.000.
- Lopez De Romana, Eduardo A., 4,499,569, Cl. 369-45.000.
- Pullen, Alan J., 4,535,366, Cl. 358-342.000.
- Slaten, Gary G., 4,500,392, Cl. 204-5.000.
- Smith, William V., 4,534,021, Cl. 369-47.000.
- Tabata, George K.; and Yardy, Raymond, 4,510,536, Cl. 360-65.000.
- Wilkinson, Richard L.; and Giddings, Gary M., 4,519,004, Cl. 358-342.000.

Dishun, Thomas R.: *See—*
- Cook, James R.; and Dishun, Thomas R., 4,525,917, Cl. 29-527.700.

Disko, Harry: *See—*
- Kulesza, Ralph J.; Disko, Harry; and Gibbons, Dennis R., 4,504,239, Cl. 446-95.000.
- Kulesza, Ralph J.; Rosenwinkel, Donald A.; and Disko, Harry, 4,550,876, Cl. 239-211.000.
- Rehkemper, Steven F.; Hanson, Steven P.; and Disko, Harry, 4,540,377, Cl. 446-430.000.

Diskowski, Herbert: *See—*
- Rottgen, Karl; Stendel, Joachim; and Diskowski, Herbert, 4,537,756, Cl. 423-323.000.

Dislich, Heinz; and Richter, Horst, to Dislich, Heinz; and Krupp Stahl Aktiengesellschaft, part interest to each. Spout-filling mass. 4,525,463, 6-25-85, Cl. 501-99.000.

Dismukes, Edward B.: *See—*
- Altman, Ralph F.; Gooch, John P.; Dismukes, Edward B.; Bickelhaupt, Roy E.; and Dahlin, Robert S., 4,533,364, Cl. 55-5.000.

Dismukes, Newton B. Thermal oil recovery method. 4,523,644, 6-18-85, Cl. 166-302.000.

Display Components, Inc.: *See—*
- Sawyer, Carleton E.; and Masterman, Hugh C., 4,508,989, Cl. 310-184.000.

Display Interface Corporation: *See—*
- Whetstone, Albert L.; Shaklee, Kerry L.; and Modjallal, Khosrow, 4,514,726, Cl. 340-710.000.
- Whetstone, Albert L.; and Shaklee, Kerry L., 4,550,316, Cl. 340-710.000.

Disque, Donny R.: *See—*
- Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.

Dissett, Walter L.; and Bawks, James R., to Tractech, Inc. Holdout ring construction for differentials. 4,557,158, 12-10-85, Cl. 74-650.000.

Dissett, Walter L.: *See—*
  Neumann, Lawrence T.; and Dissett, Walter L., 4,524,640, Cl. 74-650.000.
Dissosway, Marc A.: *See—*
  Brown, Thomas A.; Dissosway, Marc A.; Peil, William; and Vamvakas, Spiro, 4,495,446, Cl. 315-206.000.
Disston, Horace C.; and Eichfeld, Timothy J. Foldable ladder 4,520,896, 6-4-85, Cl. 182-22.000.
Disston, Horace C.: *See—*
  Eichfeld, Timothy J.; and Disston, Horace C., 4,508,274, Cl. 239-455.000.
Di Stazio, Giovanni: *See—*
  De Luca, Giovanna; Di Stazio, Giovanni; Politi, Vincenzo; and Materazzi, Mario, 4,551,471, Cl. 514-419.000.
Di Stefano, Frank V., to Air Products and Chemicals, Inc. Crosslinking of chlorine-containing polymers. 4,537,831, 8-27-85, Cl. 428-514.000.
Di Stefano, Giovanni: *See—*
  Govoni, Gabriele; Corazzari, Canzio; Di Stefano, Giovanni; and Loconsolo, Mauro, 4,518,750, Cl. 526-68.000.
DiStefano, Ralph D.; and Moldovan, Nicholas, to Harris Corporation. Bi-metallic electroforming technique. 4,511,438, 4-16-85, Cl. 204-4.000.
Di Stefano, Thomas H.; and Halperin, Arnold, to International Business Machines Corporation. Nonlinearity detection using fault-generated second harmonic. 4,496,900, 1-29-85, Cl. 324-51.000.
Distel, Manfred: *See—*
  Scheurenbrand, Dieter; Stotz, Manfred; Distel, Manfred; and Kleinschmit, Einhard, 4,518,091, Cl. 220-5.00A.
Disteldorf, Josef; and Gras, Rainer, to Chemische Werke Huels AG. Mixture of substances suitable for use as a powder varnish or binder for powder varnishes. 4,500,697, 2-19-85, Cl. 528-45.000.
Disteldorf, Josef; and Gras, Rainer, to Chemische Werke Huels AG. One-component baking enamels. 4,500,698, 2-19-85, Cl. 528-45.000.
Disteldorf, Josef; and Flakus, Werner, to Chemische Werke Huels AG. Moisture-hardening varnishes with an isocyanate resin base. 4,518,740, 5-21-85, Cl. 524-783.000.
Disteldorf, Josef; zur Hausen, Manfred; Hubel, Werner; and Kriebel, Gunter, to Chemische Werke Huels AG. Process for the production of polyalkylpiperidylamines. 4,526,971, 7-2-85, Cl. 546-186.000.
Disteldorf, Josef; Hubel, Werner; and Reiffer, Johannes, to Chemische Werke Huels AG. Process for continuous hot phosgenation of amines. 4,549,991, 10-29-85, Cl. 260-453.0PH.
Disteldorf, Walter; Eisfeld, Wolfgang; and Kohler, Rolf-Dieter, to BASF Aktiengesellschaft. Preparation of 4,4'-diaminobenzophenones. 4,550,208, 10-29-85, Cl. 564-329.000.
Disteldorf, Walter: *See—*
  Schneider, Heinz-Walter; Richter, Wolfgang; Disteldorf, Walter; and Kummer, Rudolf, 4,537,987, Cl. 560-193.000.
Distelrath, Heinz D.; Wiegand, Herbert; Rath, Klaus; and Baumer, Klaus, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Starting aid device for a high pressure combustion chamber. 4,559,008, 12-17-85, Cl. 431-63.000.
Distelrath, Peter: *See—*
  Pivit, Erich; Setzer, Helmut; Konig, Raimund; Distelrath, Peter; Hasse, Peter; and Zeidler, Manfred, 4,553,189, Cl. 361-119.000.
Distillation Technology Limited: *See—*
  Jenkins, Arthur E. O., 4,496,430, Cl. 202-158.000.
Distin, Philip A.: *See—*
  Dem[illegible]ulos, George P.; and Distin, Philip A., 4,541,861, Cl. 75-0.50A.
Distin, Robert G., Jr.; and Lang, Thomas J., to Advanced Energy Concepts '81 Ltd. Retainer for epicyclic transmission. 4,552,037, 11-12-85, Cl. 74-805.000.
Distin, Robert G., Jr.; and Lang, Thomas J., to Advanced Energy Concepts '81 Ltd. Pin controlled retainer for epicyclic transmission. 4,553,451, 11-19-85, Cl. 74-805.000.
Distin, Robert G., Jr.; Lang, Thomas J.; and Smith, David E., to Advanced Energy Concepts '81 Ltd. Two-piece retainer for epicyclic transmissions. 4,554,846, 11-26-85, Cl. 74-805.000.
Ditchburn, Frederick, to Dentsply Research & Development Corp. Periodontal probes. 4,501,555, 2-26-85, Cl. 433-29.000.
Ditchek, Brian M.; and Middleton, Thomas R., to GTE Automatic Electric Laboratories Incorporated. Mo-Ti members with non-metallic sintering aids. 4,537,323, 8-27-85, Cl. 220-2.10R.
Ditcher, Eric A.: *See—*
  Ditcher, Jack; and Ditcher, Eric A., 4,540,310, Cl. 404-25.000.
Ditcher, Jack; and Ditcher, Eric A., to A-Lok Products, Inc. Manhole riser and cooperating sleeve to provide a waterlock for manhole structures. 4,540,310, 9-10-85, Cl. 404-25.000.
Ditcher, John, to A-Lok Products Corporation. Gasket suitable for use in sealing exterior of sewer pipe to opening in manhole, and method and system employing same. 4,508,355, 4-2-85, Cl. 277-189.000.
Ditgens, Klaus: *See—*
  Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.
Di Toro, Vincenzo; Gozzo, Franco; and Boschi, Pier M., to Montedison S.p.A. Process for preparing alkyl esters of C-alkyl-tartronic or C-halogenalkyl-tartronic acids. 4,501,916, 2-26-85, Cl. 560-180.000.
DiTroia, Anthony J., to AT&T Technologies, Inc. Methods of and fixture for establishing an electrical connection. 4,547,960, 10-22-85, Cl. 29-593.000.
Ditscheid, Hans L., to U.S. Philips Corporation. Device for injection moulding insulating disks onto the inner conductor of high-frequency coaxial cables. 4,555,227, 11-26-85, Cl. 425-122.000.
Dittakavi, Ashok, to Texas Instruments Incorporated. Electronic learning aid with random number modes. 4,549,867, 10-29-85, Cl. 434-337.000.
Ditter, Stephen D.: *See—*
  Pirkey, Robert J.; and Ditter, Stephen D., 4,517,942, Cl. 123-376.000.
Ditter, Walter: *See—*
  [illegible]orn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, 4,522,743, Cl. 252-311.000.
  [illegible]eissenweber, Gernot; Kersten, Siegfried; Ditter, Walter; and Jacobs, Peter, 4,537,986, Cl. 560-132.000.
Dittie, Bernhard, to Mannesmann Aktiengesellschaft. Apparatus for regulating axial compressors. 4,558,987, 12-17-85, Cl. 415-162.000.
Dittmann, Fred M., Jr., to Municipal Industries, Inc. Motorcycle transmission featuring reverse gear. 4,523,491, 6-18-85, Cl. 74-360.000.
Dittmar, Andre; Delhomme, Georges; Pellissier, Jean-Pierre; and Schmitt, Michel, to Centre National de la Recherche Scientifique. Microwave applicator for creating local hyperthermias. 4,528,991, 7-16-85, Cl. 128-804.000.
Dittmar, Charles J., Jr.: *See—*
  Hofmann, Lee G.; and Dittmar, Charles J., Jr., 4,511,972, Cl. 364-434.000.
Dittmar, Heinz; Beckmann, Manfred; Dorr, Karl-Heinz; Rothe, Ulrich; and Sander, Ulrich, to Metallgesellschaft Aktiengesellschaft. Process of producing sulfuric acid. 4,533,537, 8-6-85, Cl. 423-522.000.
Dittmar, Wilfried: *See—*
  Franz, Reinhard; Dittmar, Wilfried; and Daubach, Gunter, 4,513,365, Cl. 364-140.000.
Dittmer, Mark W.: *See—*
  Dittmer, Willard W.; and Dittmer, Mark W., 4,498,373, Cl. 98-33.100.
Dittmer, Rainer: *See—*
  Diemer, Peter; Brake, Werner; and Dittmer, Rainer, 4,511,549, Cl. 423-574.00R.
Dittmer, Willard W.; and Dittmer, Mark W. Air inlet system. 4,498,373, 2-12-85, Cl. 98-33.100.
Dittner, Adam; Schurr, Heinrich; and Von Wallenberg, Ducius, to FAG Kugelfischer Georg Schafer & Co. Antilocking brake system. 4,511,971, 4-16-85, Cl. 364-426.000.
Dittner, Adam; and Hartmann, Georg, to FAG Kugelfischer Georg Schafer (KAaA). Electric torque converter. 4,543,505, 9-24-85, Cl. 310-102.00R.
Ditto, Joseph R. Friction locking hand clamp. 4,555,100, 11-26-85, Cl. 269-166.000.
Ditton, Elaine A.: *See—*
  Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., 4,508,353, Cl. 273-313.000.
Ditton, Louis G., to Essex Group, Inc. Spool with lifting handles. 4,493,462, 1-15-85, Cl. 242-118.610.
Ditton, Richard A.: *See—*
  Breslow, Jeffrey D.; Morrison, Howard J.; Ditton, Richard A.; Meyer, Steven M.; and Morrison, Robert S., 4,530,499, Cl. 273-1.0GC.
  Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., 4,508,353, Cl. 273-313.000.
Dittrich, Hans; and Frey, Hartmut, to Kernforschungszentrum Karlsruhe GmbH. Apparatus for separating gaseous hydrogen isotopes. 4,528,003, 7-9-85, Cl. 55-158.000.
Dittrich, Hans: *See—*
  Ernst, Gunter; Baer, Edmund; Wurz, Dieter; Dittrich, Hans; and Roller, Wilhelm, 4,541,968, Cl. 261-109.000.
  Ernst, Gunter; Baer, Edmund; Wurz, Dieter; and Dittrich, Hans, 4,549,999, Cl. 261-109.000.
Dittrich, Horst. Yarn limiting disc device. 4,512,532, 4-23-85, Cl. 242-116.000.
Dittrich, Vital, to Sala International Aktiebolag. Method in the operation of magnetic separators. 4,557,828, 12-10-85, Cl. 209-214.000.
Dittrich, Volker, to Ciba-Geigy Corporation. Pesticidal composition containing a synergistic combination of an oxazolo-pyridine thiophosphate derivative and cypermethrin. 4,500,521, 2-19-85, Cl. 514-81.000.
Dittrich, Volker, to Ciba-Geigy Corporation. Pesticidal composition containing a synergistic combination of 3-hydroxymethylacrylic acid methyl ester dimethylthionophosphate and cypermethrin. 4,554,270, 11-19-85, Cl. 514-120.000.
Ditty, Lawrence H., to RCA Corporation. Method for removing a phosphor layer from a support surface. 4,517,224, 5-14-85, Cl. 427-64.000.
Dituri, Angelo: *See—*
  LiDonnici, Kenneth; and Dituri, Angelo, 4,518,233, Cl. 353-87.000.
Diuguid, Lincoln I.: *See—*
  Tedeschi, Robert J.; and Diuguid, Lincoln I., 4,539,015, Cl. 44-77.000.
Diuk Tsiyud Haliva: *See—*
  Diamant, Emanuel, 4,517,563, Cl. 340-825.540.
Divall, John E.: *See—*
  Perigo, John A.; and Divall, John E., 4,499,932, Cl. 141-91.000.
DiVecchio, Angelo N.: *See—*
  Lever, John K.; and DiVecchio, Angelo N., 4,519,182, Cl. 53-461.000.
Diveley William R.; and Clayton, Anthony B., to Hercules Incorporated. Polymeric hindered amines. 4,520,171, 5-28-85, Cl. 525-279.000.

Diver, James J.: *See—*

Euverard, Maynard R.; Diver, James J.; and Schneider, Thomas C., 4,522,292, Cl. 198-374.000.

Diver, Marius: *See—*

Bordet, Rene; Grovalet, Yves; Caudron, Lionel; and Diver, Marius, 4,555,881, Cl. 52-167.000.

Divers, Edward F.; Lascola, John C.; and Behers, Robert G., to United States of America, Interior. Extensible brattice support system for mine face ventilation. 4,494,894, 1-22-85, Cl. 405-290.000.

Divers, Raymond T.: *See—*

Barrows, Kenneth C.; and Divers, Raymond T., 4,523,798, Cl. 339-192.0RL.

Divers Supply Co., Inc.: *See—*

Ostendorf, Larry P., 4,533,256, Cl. 368-111.000.

Diversey Wyandotte Corporation: *See—*

Long, Nathan R.; and Anderson, Howard L., 4,505,646, Cl. 417-172.000.

Diversey Wyandotte Inc.: *See—*

Anderson, Patricia A.; Hagens, Roger G.; and Roden, Dianne M., 4,521,321, Cl. 252-49.300.

Diversified Medical Systems, Inc.: *See—*

Hajianpour, Mohamad-Ali, 4,492,222, Cl. 128-25.00R.

Diversified Products Corporation: *See—*

Kelley, Robert C.; and Silberman, Ira J., 4,508,335, Cl. 272-145.000.

Silberman, Ira J., 4,546,968, Cl. 272-117.000.

Diversitech Corporation: *See—*

Turner, George S.; and Mitchell, Donald R., 4,505,449, Cl. 248-669.000.

Divilio, Franklin D.; and Woda, Daniel G. Multiple piece catalytic converter flange. 4,547,344, 10-15-85, Cl. 422-310.000.

Divilly, Michael: *See—*

Finan, Michael; Finan, Peter; and Divilly, Michael, 4,495,716, Cl. 37-3.000.

Di Vincenzo, A.: *See—*

Boillot, Jean-Paul; Begin, Ghislain; Alexandrov, N.; Fihey, Jean-Luc; Di Vincenzo, A.; and Villemure, Denis, 4,532,404, Cl. 219-124.340.

Di Vincenzo, Antonio: *See—*

Simoneau, Raynald; Pelletier, Jean-Marc; Di Vincenzo, Antonio; and Boillot, Jean-Paul, 4,514,615, Cl. 219-132.000.

Diving Unlimited International, Inc.: *See—*

Long, Richard W.; and Stinton, Robert T., 4,502,817, Cl. 405-186.000.

Long, Richard W.; and Stinton, Robert T., 4,547,904, Cl. 2-2.10R.

Divisek, Jiri; and Malinowski, Peter, to Kernforschungsanlage Julich GmbH. Nickel oxide based diaphragm. 4,559,124, 12-17-85, Cl. 204-295.000.

Divisek, Jiri: *See—*

Furst, Leander; and Divisek, Jiri, 4,532,023, Cl. 204-402.000.

Divoky, Ralph A., to California Ceramic Supply Co. Manufacture of inflatable articles. 4,501,545, 2-26-85, Cl. 425-275.000.

Divoux, Michel; Bonansea, Hubert; and Constant, Bernard, to Hotchkiss-Brandt Sogeme H.B.S. Object-conveying box, and object-sorting machine equipped with such boxes. 4,492,509, 1-8-85, Cl. 414-387.000.

Diwell, Alan F.: *See—*

Harrison, Brian; and Diwell, Alan F., 4,539,311, Cl. 502-304.000.

Dix, Gary L.; Heim, Lloyd S.; Herald, Robert F.; and Quinlan, William P., to International Business Machines Corporation. Method and apparatus for error data feedback in a diskette drive. 4,521,884, 6-4-85, Cl. 371-15.000.

Dix, Johannes P.: *See—*

Armbrust, Herbert; Dix, Johannes P.; Hansen, Guenter; and Zeidler, Georg, 4,521,216, Cl. 8-639.000.

Bergmann, Udo; Dix, Johannes P.; Hansen, Guenter; and Schefczik, Ernst, 4,496,480, Cl. 534-794.000.

Dix, Joseph, to General Electric Company. Transport mechanism for ammunition. 4,492,144, 1-8-85, Cl. 89-33.170.

Dix, Robert: *See—*

Eickman, Nancy C.; Fabisiak, Walter; and Dix, Robert, 4,524,101, Cl. 428-294.000.

Dix, Robert M.; Ellis, Timothy A.; and Andrews, Gary W., to Texas Instruments Incorporated. Drive mechanism for a refrigerator with clearance seals. 4,520,629, 6-4-85, Cl. 62-6.000.

Dixie-Narco, Inc.: *See—*

Oden, Kenneth W., 4,509,658, Cl. 221-115.000.

Dixon, Alan G., to Automotive Products plc. Friction clutches. 4,555,005, 11-26-85, Cl. 192-70.270.

Dixon, Angus B., to General Electric Company, p.l.c., The. Electric discharge lamps. 4,550,269, 10-29-85, Cl. 313-331.000.

Dixon, Arnold G.: *See—*

Clayfield, Eric J.; Dixon, Arnold G.; and Miller, Richard J. L., 4,524,000, Cl. 210-649.000.

Dixon Automatic Tool, Inc.: *See—*

Dixon, Paul H., 4,523,490, Cl. 74-582.000.

Dixon, Paul H., 4,523,511, Cl. 91-24.000.

Dixon, Paul H., 4,530,446, Cl. 221-223.000.

Dixon, Barry M., to Xerox Corporation. Copiers. 4,553,831, 11-19-85, Cl. 355-26.000.

Dixon, Christopher J.; and Jenkins, Stuart M., to De La Rue Systems Limited. Sheet handling machines. 4,506,880, 3-26-85, Cl. 271-263.000.

Dixon, Christopher J.: *See—*

Hosking, Steven M.; and Dixon, Christopher J., 4,560,155, Cl. 271-11.000.

Dixon, Claude E. Video game table for airlines commercial vehicles or the like. 4,521,021, 6-4-85, Cl. 273-148.00B.

Dixon, Dale D.: *See—*

Burgoyne, William F., Jr.; Chen, Michael S.; Dixon, Dale D.; and Edwards, Thomas J., 4,556,546, Cl. 423-226.000.

Dixon, David S.: *See—*

Benz, Frank J.; Shaw, Randall C.; and Dixon, David S., 4,561,784, Cl. 374-8.000.

Dixon, George: *See—*

Culbertson, Samuel W.; and Dixon, George, 4,537,357, Cl. 239-290.000.

Dixon, Glen J. Ara-A antiviral composition and method of administering the same. 4,499,084, 2-12-85, Cl. 514-46.000.

Dixon, Glen J. Preparation and method for the treatment of acne. 4,507,287, 3-26-85, Cl. 514-43.000.

Dixon Industries Corporation: *See—*

Marshall, Charles R., 4,515,378, Cl. 277-152.000.

Marshall, Charles R., 4,521,027, Cl. 277-152.000.

Marshall, Charles R., 4,526,388, Cl. 277-206.000.

Dixon International Limited: *See—*

Reeve, William E., 4,553,792, Cl. 308-3.00R.

Dixon, Jerry W.: *See—*

Hilbert, John J.; Dixon, Jerry W.; and Egbert, Allen L., 4,529,335, Cl. 406-1.000.

Dixon, John; and Manning, Peter. Locking toy vehicle. 4,533,336, 8-6-85, Cl. 446-465.000.

Dixon, Paul H., to Dixon Automatic Tool, Inc. Machine for handling parts. 4,523,490, 6-18-85, Cl. 74-582.000.

Dixon, Paul H., to Dixon Automatic Tool, Inc. Reciprocating fluid-operated actuator with deceleration control. 4,523,511, 6-18-85, Cl. 91-24.000.

Dixon, Paul H., to Dixon Automatic Tool, Inc. Machine for handling parts. 4,530,446, 7-23-85, Cl. 221-223.000.

Dixon, Paul L.; and Daniels, Seymour C. Height adjustable apparatus. 4,560,031, 12-24-85, Cl. 182-129.000.

Dixon, Richard W.; Joyce, William B.; Koszi, Louis A.; Miller, Richard C.; and Schwartz, Bertram, to AT&T Bell Laboratories. Method of forming current confinement channels in semiconductor devices. 4,514,896, 5-7-85, Cl. 29-576.00B.

Dixon, Robert H.: *See—*

Elton, Raymond C.; Dixon, Robert H.; and Ford, James L., 4,508,055, Cl. 118-724.000.

Dixon, Robert W., to Chas. M. Bailey Co., Inc. Polyjet valve with backwash. 4,508,138, 4-2-85, Cl. 137-239.000.

Dixon, Robert W., to Chas. M. Bailey Co., Inc. Valve. 4,520,846, 6-4-85, Cl. 137-625.300.

Dixon, Robert W., to Chas. M. Bailey Co., Inc. Discharge valve. 4,526,192, 7-2-85, Cl. 137-244.000.

Dixon, Ronald H. T.: *See—*

Else, George E.; Millward, Cyril; Dixon, Ronald H. T.; and Jorgensen, Knut, 4,500,352, Cl. 75-130.00B.

Dixon, Roy C.: *See—*

Bux, Werner K.; Dixon, Roy C.; and Rothauser, Ernst H., 4,539,679, Cl. 370-88.000.

Dixon, Samuel, Jr., to United States of America, Army. Millimeter wave signal limiter having ferrite loaded slots in ground plane of image guide. 4,511,865, 4-16-85, Cl. 333-17.00L.

Dixon, Samuel, Jr., to United States of America, Army. Millimeter wave image guide band reject filter and mixer circuit using the same. 4,545,073, 10-1-85, Cl. 455-325.000.

Dixon, Samuel, Jr.: *See—*

Jacobs, Harold; Dixon, Samuel, Jr.; and Malecki, Edmund E., 4,509,009, Cl. 324-95.000.

Jacobs, Harold; and Dixon, Samuel, Jr., 4,554,680, Cl. 455-326.000.

Dixon, Thomas, to Amstar Corporation. System for reducing blocking in an antenna switching matrix. 4,517,572, 5-14-85, Cl. 343-876.000.

Dixon, Thomas O., to Amstar Technical Products Co., Inc. Signal distribution system. 4,549,185, 10-22-85, Cl. 343-368.000.

Dixon, Voris F. Physical-rehabilitation and exercising apparatus. 4,550,908, 11-5-85, Cl. 272-130.000.

Dixon, Weldon R.: *See—*

Watrous, Howard N.; Cash, Walter, Jr.; and Dixon, Weldon R., 4,547,114, Cl. 414-81.000.

Dizek, Frederick A.; Vogel, Eric S.; Tiedeman, C. John, Jr.; and Herold, Robert A., to United Technologies Corporation. Degassing metal powder. 4,515,629, 5-7-85, Cl. 75-0.50B.

Djelalian, Madeleine: *See—*

Touchais, Maurice, and Djelalian, Madeleine, 4,496,787, Cl. 136-248.000.

Djelouah, Salah, to Sorelec. Thermomechanical-conversion engine, especially an engine working with a low-boiling-point fluid. 4,498,302, 2-12-85, Cl. 60-671.000.

Djerassi, Carl: *See—*

Archer, Sydney; Benagiano, Giuseppe; Crabbe, Pierre; Diczfalusy, Egon; Djerassi, Carl; and Fried, Josef, 4,507,290, Cl. 514-172.000.

Djokic, Slobodan: *See—*

Kobrehel, Gabrijela; and Djokic, Slobodan, 4,517,359, Cl. 536-7.400.

Djordjevic, Borislav B.; and Traugott, Stephen C., to Martin Marietta Corporation. Ultrasonic liquid jet probe. 4,507,969, 4-2-85, Cl. 73-644.000.

Djordjevic, Ilija; and Eheim, Franz, to Robert Bosch GmbH. Fuel injection pump. 4,526,146, 7-2-85, Cl. 123-357.000.

Djordjevic, Ilija, to Stanadyne, Inc. Spill control system for distributor pump. 4,550,702, 11-5-85, Cl. 123-450.000.

Djordjevic, Ilija, to Stanadyne, Inc. Fuel injection pump with spill control mechanism. 4,552,117, 11-12-85, Cl. 123-506.000.

Djordjevic, Ilja; Eheim, Franz; and Laufer, Helmut, to Robert Bosch GmbH. Fuel injection pump structure for an internal combustion engine. 4,539,964, 9-10-85, Cl. 123-509.000.

Djordjevich, Ljubomir; Ivankovich, Anthony D.; and Gottschalk, William, to Rush-Presbyterian-St. Luke's Medical Center. Preparation of synthetic erythrocytes. 4,532,130, 7-30-85, Cl. 424-101.000.

Djugovskaya, Larisa A.: *See—*
- Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.

Djukic, Spasa. Smoking pipe assembly. 4,527,571, 7-9-85, Cl. 131-329.000.

DL Process Co.: *See—*
- Bachman, Burl A., 4,526,098, Cl. 101-115.000.

DLP Inc.: *See—*
- DeVries, James H., 4,509,532, Cl. 128-736.000.
- DeVries, James H.; and Dufek, John H., 4,547,923, Cl. 15-104.00R.

Dlubala, Joseph C. Collapsible cart-stand. 4,523,768, 6-18-85, Cl. 280-42.000.

Dlugopolski, Joseph, to Fidelity Container Corporation. Reversible folder and round trip mailer box. 4,560,102, 12-24-85, Cl. 229-40.000.

Dlugos, Daniel F., to Pitney Bowes Inc. Electronic mailing apparatus and method. 4,506,330, 3-19-85, Cl. 364-466.000.

Dlugos, Daniel F.; and Daniels, Edward P., to Pitney Bowes Inc. System and method for computing fractional postage values. 4,535,419, 8-13-85, Cl. 364-900.000.

Dlugos, Daniel F.: *See—*
- Daniels, Edward P.; and Dlugos, Daniel F., 4,499,545, Cl. 364-464.000.
- Daniels, Edward P.; and Dlugos, Daniel F., 4,504,915, Cl. 364-466.000.
- Daniels, Edward P.; and Dlugos, Daniel F., 4,556,944, Cl. 364-466.000.

Dlugosz, Henry J.: *See—*
- Tuttle, Alan H.; Leonard, James K.; and Dlugosz, Henry J., 4,500,096, Cl. 277-53.000.

Dlugosz, Jeffrey, to Packaging Coordinators, Inc. Child resistant package. 4,506,789, 3-26-85, Cl. 206-532.000.

Dluhosch, Kurt, to Fichtel & Sachs AG. Lawn mower. 4,510,739, 4-16-85, Cl. 56-17.500.

DM International, Inc.: *See—*
- Milner, Geoffrey; Butler, Michael F.; and Ashworth, Robert A., 4,498,909, Cl. 48-209.000.

DMA Systems: *See—*
- Penniman, Steven K., 4,530,019, Cl. 360-77.000.
- Sutton, David A., 4,530,020, Cl. 360-77.000.

DMB Enterprises, Inc.: *See—*
- Hoagland, Merle R.; Hoagland, Robert M.; and Hoagland, Dean W., 4,492,506, Cl. 414-463.000.

DMI, Inc.: *See—*
- Dietrich, William J., Sr., 4,535,849, Cl. 172-468.000.
- Dietrich, William J., Sr., 4,538,689, Cl. 172-700.000.
- Dietrich, William J., Sr., 4,542,793, Cl. 172-180.000.
- Dietrich, William J., Sr.; and Sizelove, Cary L., 4,546,832, Cl. 172-260.500.
- Dietrich, William J., Sr.; and Sizelove, Cary L., 4,548,277, Cl. 172-265.000.

Dmitriev, Stanislav P.; Ivanov, Andrei S.; Sviniin, Mikhail P.; and Fedotov, Mikhail T. Apparatus for electron beam irradiation of objects. 4,492,873, 1-8-85, Cl. 250-492.300.

Dnepropetrovsky Inzhenerno-Stroitelny Institut: *See—*
- Feklin, Valentin I., 4,504,173, Cl. 405-240.000.
- Mazo, Boris M.; and Feklin, Valentin I., 4,496,011, Cl. 175-19.000.

Doak, Kenneth W. Blends of a rubber-modified vinyl chloride resin, an unmodified vinyl chloride resin, and a polymer of a vinyl aromatic monomer and an unsaturated dicarboxylic acid anhydride monomer. 4,551,500, 11-5-85, Cl. 525-71.000.

Doane, Elliott P.: *See—*
- Burks, William M., Jr.; Doane, Elliott P.; Campbell, Ramsey G.; and Velez, Emilio S., 4,533,473, Cl. 210-754.000.

Doane, John C.; and Skalski, Clement A., to Otis Elevator Company. Elevator speed control. 4,527,662, 7-9-85, Cl. 187-29.00R.

Doane, John C.; and Hardenbrook, David L., to Otis Elevator Company. Servicing a software-controlled elevator. 4,561,093, 12-24-85, Cl. 371-20.000.

Doane, William J., to United States of America, Navy. Frangible fly through diaphragm for missile launch canister. 4,498,368, 2-12-85, Cl. 89-1.817.

Dobashi, Akihiko; Ohta, Tomohisa; Himori, Hirotsugu; and Sekine, Hideo, to Hitachi Chemical Company, Ltd. Process for curing radiation curable coating media. 4,544,573, 10-1-85, Cl. 427-44.000.

Dobashi, Akihiko: *See—*
- Ohta, Tomohisa; Dobashi, Akihiko; Kanbara, Hisashige; and Seki, Yasuyuki, 4,554,174, Cl. 427-44.000.

Dobashi, Koichi, to Alps Electric Co., Ltd. Ribbon feed mechanism. 4,531,849, 7-30-85, Cl. 400-229.000.

Dobashi, Yoshitomi; Asakura, Masahiko; and Kohmoto, Kohtaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Glow switch starter having metal oxide deposit. 4,562,379, 12-31-85, Cl. 313-619.000.

Dobbelstein, Arnold: *See—*
- Diefenbach, Horst; Dobbelstein, Arnold, and Hille, Hans-Dieter, 4,554,212, Cl. 428-413.000.
- Geist, Michael; Diefenbach, Horst; and Dobbelstein, Arnold, 4,548,965, Cl. 523-456.000.

Dobberstein, Edward A., to International Business Machines Corporation. Low leakage transformers for efficient line isolation in VHF switching power supplies. 4,549,130, 10-22-85, Cl. 323-308.000.

Dobberstein, Peter: *See—*
- Cooks, Graham; Story, Michael S.; Jung, Gerhard; and Dobberstein, Peter, 4,536,652, Cl. 250-281.000.

Dobbins, Frederick A.: *See—*
- Owensby, Joseph E.; Rupp, Jody W.; Dobbins, Frederick A.; and Waldrop, Thomas E., 4,550,548, Cl. 53-434.000.

Dobbins, James T., III: *See—*
- Mistretta, Charles A.; Peppler, Walter W.; Kudva, Balakrishna V.; Hasegawa, Bruce H.; and Dobbins, James T., III, 4,497,062, Cl. 378-158.000.

Dobbins, Lawrence W.: *See—*
- McCann, James T.; Dobbins, Lawrence W.; and Reno, Charles W., 4,507,773, Cl. 369-110.000.

Dobbs, Gregory M.: *See—*
- Meinzer, Richard A.; and Dobbs, Gregory M., 4,517,676, Cl. 372-89.000.

Dobbs, John: *See—*
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- Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.

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- Allfather, Lars P., 4,510,354, Cl. 200-11.00R.
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- Nuckols, Walter S.; Leonard, Walter G.; and Doble, Henry P., Jr., 4,534,468, Cl. 206-534.000.

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- Denker, Stanley D., 4,546,597, Cl. 53-540.000.
- Engler, Peter B.; and Denker, Stanley D., 4,520,615, Cl. 53-550.000.
- Klemesrud, James H., 4,490,960, Cl. 53-135.000.
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- Matt, Timothy S., 4,525,977, Cl. 53-55.000.
- Meyer, James A., 4,507,906, Cl. 53-371.000.
- Ziller, Robert E., 4,553,368, Cl. 53-51.000.

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- Dembowski, Peter V.; and Dobras, Quentin D., 4,517,493, Cl. 315-73.000.

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Dobrowolski, Jerzy A., to Canadian Patents & Development Limited. Vapor deposition regulating apparatus. 4,543,910, 10-1-85, Cl. 118-665.000.

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- Dobson, Gordon A.: *See—*
  - DeLuca, Frank T.; and Dobson, Gordon A., 4,498,648, Cl. 244-118.300.
- Dobson, John E.: *See—*
  - Kockler, Barry C.; Dobson, John E.; and Noonan, Daniel T., 4,552,497, Cl. 412-6.000.
- Dobson, John J.: *See—*
  - Garczynski, John S.; Reed, Frank J.; Hahn, Jeffrey C.; and Dobson, John J., 4,492,855, Cl. 235-458.000.
- Dobson, Lawrence A. Biomass-fueled furnace. 4,559,882, 12-24-85, Cl. 110-254.000.
- Dobson Park Industries Limited: *See—*
  - Murfitt, Raymond G., 4,560,306, Cl. 405-295.000.
  - Seddon, James; and Jones, Frank, 4,505,517, Cl. 299-31.000.
- Dobson, Thomas A.: *See—*
  - Wolf, Peter H.; Dobson, Thomas A.; and Rozo, Rafael, 4,524,259, Cl. 219-69.00R.
- Dobson, William C.; and Spoeth, Carl R., to Dart Industries Inc. Electrical switch-plug assembly with baffle. 4,528,429, 7-9-85, Cl. 200-50.00B.
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  - Tunac, Josefino B.; Dobson, William E.; and Graham, Blanche D., 4,495,286, Cl. 435-253.000.
- Doby, Troy, to Resco Products, Inc. End block. 4,560,350, 12-24-85, Cl. 432-241.000.
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  - Kavanagh, Frank J.; Plunkett, James D.; and DePalma, Bernard F., 4,507,801, Cl. 2-2.000.
- Docdata BV: *See—*
  - Beaujean, Joseph M. E., 4,531,136, Cl. 346-135.100.
  - Beaujean, Joseph M. E., 4,543,225, Cl. 264-167.000.
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  - Honda, Shigemichi; Hitachi, Akio; Suzuki, Kiyosuke; and Dochi, Kiyotaka, 4,498,090, Cl. 346-159.000.
  - Maeyama, Sadao; Dochi, Kiyotaka; and Honda, Shigemichi, 4,496,955, Cl. 346-76.0PH.
- Dochow, Claude; Patterson, Mark L.; and Sanneman, Richard W., to Motorola, Inc. Radar target doppler frequency scintillation simulator and method. 4,560,987, 12-24-85, Cl. 343-17.700.
- Dockery, Daryl. Sliding door operator and lock. 4,541,202, 9-17-85, Cl. 49-362.000.
- Dockery, Denzel J., to Vortex Innerspace Products, Inc. Aquarium filtering system. 4,559,136, 12-17-85, Cl. 210-169.000.
- Dockner, Toni; and Frank, Anton, to BASF Aktiengesellschaft. Liquid epoxy resin hardeners and processes for their preparation. 4,529,537, 7-16-85, Cl. 252-182.000.
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- Dockner, Toni; and Krug, Herbert, to BASF Aktiengesellschaft. Carrying out organic condensation reactions at elevated temperatures by feeding the starting materials into the bottom of a reactor charged with mineral oil followed by product distillation. 4,551,528, 11-5-85, Cl. 544-242.000.
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  - Effinger, David D.; and Docter, Richard, 4,516,085, Cl. 331-40.000.
- Dr. Alberto Ciampolini Strumenti Scientifici: *See—*
  - Fei, Alberto, 4,547,075, Cl. 356-440.000.
- Dr. Babor GmbH & Co.: *See—*
  - Schimanski, Dieter, 4,540,571, Cl. 424-81.000.
- Dr. C. Otto & Comp. G.m.b.H.: *See—*
  - Kwasnik, Hans-Jurgen; and Piduch, Hans-Gunter, 4,552,622, Cl. 202-241.000.
  - Ritter, Horst; and Herpers, Edmund-Theo, 4,499,060, Cl. 423-232.000.
  - Ritter, Horst, 4,518,572, Cl. 423-234.000.
  - Spindeler, Heinrich; Wackerbarth, Folkard; and Althous, Horst, 4,491,505, Cl. 202-270.000.
  - Struck, Carl-Heinz; Schumacher, Ralf; Kohler, Ingomar; and Leppert, Gerd-Ullrich, 4,561,843, Cl. 432-214.000.
  - Thubeauville, Heinz, 4,497,691, Cl. 202-228.000.
- Dr. Carl Hahn G.m.b.H.: *See—*
  - Friese, Axel, 4,490,894, Cl. 28-120.000.
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- Dr. Ing. h.c.F. Porsche AG: *See—*
  - Ampferer, Herbert, 4,493,295, Cl. 123-41.860.
  - Ampferer, Herbert, 4,510,898, Cl. 123-192.00R.
  - Ampferer, Herbert, 4,559,783, Cl. 60-605.000.
  - Bofinger, Gerd; Stelter, Norbert; and Wuest, Rainer, 4,553,654, Cl. 192-0.076.
  - Dorsch, Heinz; Hofbauer, August; and Steinbeck, Herbert, 4,523,568, Cl. 123-453.000.
  - Hausinger, Otto, 4,534,746, Cl. 464-170.000.
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  - Hofbauer, August; and Beer, Michael, 4,508,073, Cl. 123-307.000.
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  - Hofmann, Peter, 4,534,275, Cl. 98-2.000.
  - Kessler, Jochen, 4,515,126, Cl. 123-401.000.
  - Kolb, Eugen, 4,491,361, Cl. 296-107.000.
  - Korkemeier, Hans; Martschik, Walter; and Klieber, Josef, 4,561,387, Cl. 123-41.310.
  - Lehmann, Ulrich; and Gabriel, Rudolf, 4,491,892, Cl. 361-101.000.
  - Lehmann, Ulrich, 4,494,199, Cl. 364-426.000.
  - Meyer, Juergen, 4,511,104, Cl. 244-118.500.
  - Mezger, Hans, 4,502,420, Cl. 123-25.00C.
  - Mittermeier, Walter, 4,504,251, Cl. 474-110.000.
  - Mittermeier, Walter, 4,507,103, Cl. 474-110.000.
  - Peter, Dietmar, 4,492,398, Cl. 293-120.000.
  - Rutschmann, Erwin, 4,510,896, Cl. 123-52.0MB.
  - Schaible, Walter, 4,532,786, Cl. 72-68.000.
  - Schutz, Matthias; Sivers, Rolf V.; Roesems, Dirk; and Rebmann, Rolf, 4,535,964, Cl. 248-607.000.
  - Szodfridt, Imre, 4,558,607, Cl. 74-339.000.
  - Trenkler, Werner, 4,552,401, Cl. 296-219.000.
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  - von Sivers, Rolf, 4,503,926, Cl. 180-75.200.
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  - Zaremba, Dieter, 4,530,313, Cl. 123-41.470.
- Dr. Ing. h.c.F. Porsche Aktiengesellschaft: *See—*
  - Schreiner, Hermann, 4,545,340, Cl. 123-146.50A.
- Dr. Ing Hans Mueller AG: *See—*
  - Muller, Hans, 4,500,435, Cl. 210-798.000.
  - Muller, Hans, 4,511,471, Cl. 210-323.200.
- Dr. Ing. Rudolf Hell GmbH: *See—*
  - Beisswenger, Siegfried, 4,500,791, Cl. 250-493.100.
  - Beisswenger, Siegfried; and Boppel, Wolfgang, 4,549,067, Cl. 219-121.0EK.
  - Dinse, Wolfgang; Balzeit, Ralf; and Gesell, Reinhard, 4,492,984, Cl. 358-289.000.
  - Gall, Winrich; and Wellendorf, Klaus, 4,499,489, Cl. 358-75.000.
  - Gall, Winrich; and Weselmann, Peter, 4,533,942, Cl. 358-78.000.
  - Hennig, Eberhard; Klie, Jurgen; and Wellendorf, Klaus, 4,516,155, Cl. 358-80.000.
  - Hennig, Eberhard, 4,536,803, Cl. 358-299.000.
  - Jung, Eggert; and Wadle, Heinrich, 4,516,175, Cl. 358-283.000.
  - Jung, Eggert, 4,551,751, Cl. 358-75.000.
  - Jung, Eggert; Roes, Christian; Wigger, Andreas; and Ziemen, Ernst-August, 4,561,016, Cl. 358-76.000.
  - Knop, Hans-Georg, 4,521,812, Cl. 358-287.000.
  - Kuhn, Franz; Lippek, Wilfried; Mollgaard, Klaus; and Redecker, Friedrich, 4,500,972, Cl. 364-526.000.
  - Lindemann, Eckhard; and Neumann, Wolfgang, 4,498,108, Cl. 358-283.000.
  - Pointner, Martin; and Sommer, Rudiger, 4,540,151, Cl. 249-93.000.
  - Schoppmeyer, Johannes, 4,537,470, Cl. 350-317.000.
  - Schulz-Hennig, Jorg, 4,542,392, Cl. 346-160.000.
- Dr. Johannes Heidenhain GmbH: *See—*
  - Affa, Alfred; and Ernst, Alfons, 4,549,354, Cl. 33-125.00T.
  - Affa, Alfred, 4,554,741, Cl. 33-125.00C.
  - Burkhardt, Horst, 4,490,915, Cl. 33-125.00R.
  - Burkhardt, Horst; Huber, Josef; and Vollmayr, Norbert, 4,503,493, Cl. 364-170.000.
  - Burkhardt, Horst, 4,512,082, Cl. 33-125.00R.
  - Burkhardt, Horst; and Nelle, Gunther, 4,527,056, Cl. 250-237.00G.
  - Burkhardt, Horst; Ernst, Alfons; and Dangschat, Holmer, 4,530,155, Cl. 33-1.00L.
  - Ernst, Alfons; and Brunner, Arthur, 4,512,184, Cl. 73-116.000.
  - Ernst, Alfons, 4,517,742, Cl. 33-125.00C.
  - Ernst, Alfons, 4,547,772, Cl. 340-686.000.
  - Ernst, Alfons, 4,549,808, Cl. 356-374.000.
  - Feichtinger, Kurt, 4,509,264, Cl. 33-169.00R.
  - Feichtinger, Kurt, 4,532,713, Cl. 33-559.000.
  - Michel, Dieter, 4,505,580, Cl. 355-53.000.
  - Nelle, Guenther, 4,509,262, Cl. 33-125.00R.
  - Nelle, Guenther, 4,530,157, Cl. 33-125.00R.
  - Nelle, Gunther, 4,492,032, Cl. 33-125.00R.
  - Nelle, Gunther, 4,519,709, Cl. 356-373.000.
  - Oberhans, Johann, 4,559,707, Cl. 33-125.00C.
  - Reichl, Alfred, 4,491,928, Cl. 364-562.000.
  - Schmitt, Walter; and Michel, Dieter, 4,512,083, Cl. 33-143.00L.
  - Schmitt, Walter, 4,519,140, Cl. 33-125.00C.
  - Schwefel, Ernst, 4,517,657, Cl. 364-900.000.
  - Schwefel, Ernst, 4,521,845, Cl. 364-171.000.
  - Spies, Alfons, 4,490,914, Cl. 33-125.00R.
- Dr. Karl F. Nagele Feinmaschinenbau GmbH & Co: *See—*
  - Hansen, Henning; and Schneider, Helmut, 4,551,90C, Cl. 29-408.000.
- Dr. Karl Thomae Gesellschaft mit beschrankter Haftung: *See—*
  - Engel, Wolfhard; Bauer, Eckhart; Trummlitz, Gunter; Danneberg, Peter; and Kahling, Joachim, 4,536,402, Cl. 514-443.000.
  - Engel, Wolfhard; Trummlitz, Gunter; Eberlein, Wolfgang; Mihm, Gerhard; Schmidt, Gunther; Hammer, Rudolf; and Giachetti, Antonio, 4,550,107, Cl. 514-220.000.
  - Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., 4,551,464, Cl. 514-312.000.
  - Narr, Berthold; Nickl, Josef; Muller, Erich; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,597, Cl. 514-228.000.
  - Roch, Josef; Muller, Erich; Narr, Berthold; Nickl, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,596, Cl. 514-232.000.
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  - Trummlitz, Gunter; Engel, Wolfhard; Seeger, Ernst; and Haarmann, Walter, 4,533,664, Cl. 514-225.000.
- Dr. L. Zambeletti, S.p.A.: *See—*
  - Bergamaschi, Mario; and Alfieri, Carlo, 4,499,107, Cl. 514-575.000.
- Dr. Madaus & Co.: *See—*
  - Madaus, Rolf; and Gorler, Klaus, 4,511,561, Cl. 424-195.100.

Dr. von Ballmoos AG: *See—*
Marthaler, Hans-Peter, 4,520,657, Cl. 73-73.000.

Dr. Werner Freyberg Chemische Fabrik Delitia Nachf: *See—*
Friemel, Wolfgang; and Ehret, Reiner, 4,503,032, Cl. 424-40.000.

Dr. Willmar Schwabe GmbH & Co.: *See—*
Jaggy, Hermann E. W.; Chatterjee, Shyam S.; and Gabard, Bernard L., 4,528,289, Cl. 514-285.000.

Docutel Corporation: *See—*
Kushmaul, Richard T.; Lafevers, James O.; and Webb, James E., 4,494,743, Cl. 271-11.000.

Doda, Margit: *See—*
Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.

Dodd, Alec G.; and Hamblett, Martin, to Rolls-Royce Limited. Cooled turbine blade for a gas turbine engine. 4,500,258, 2-19-85, Cl. 416-97.00R.

Dodd, Clayton: *See—*
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Dodd, John R., to Henry Mann, Inc. Apparatus for facilitating the movement of a plurality of containers. 4,545,608, 10-8-85, Cl 294-87.100.

Dodd, P. David; Blickenstaff, Ronald L.; Coulson, Richard L.; Moreno, Robert J.; and Trede, Brian E., to Storage Technology Corporation. Detection of sequential data stream. 4,536,836, 8-20-85, Cl. 364-200.000.

Dodd, P. David: *See—*
Coulson, Richard L.; Blickenstaff, Ronald L.; Dodd, P. David; Moreno, Robert J.; and Kinard, Dean P., 4,503,501, Cl. 364-300.000.

Dodd, Paul L., to Shell Oil Company. Tubing connector. 4,553,776, 11-19-85, Cl. 285-212.000.

Dodd, Thurston. Poultry halving machine. 4,557,015, 12-10-85, Cl. 17-11.000.

Dodd, Timothy J.: *See—*
Crain, Stephen F.; Gray, Steven H.; Arnold, Edward P.; and Dodd, Timothy J., 4,538,221, Cl. 364-172.000.

Doddi, Namassivaya: *See—*
Beard, Charles D.; Yamada, Akira; and Doddi, Namassivaya, 4,528,311, Cl. 524-91.000.

Doddington, George R.: *See—*
Papamichalis, Panos E.; and Doddington, George R., 4,536,886, Cl 381-41.000.

Doddman, William H.: *See—*
De Ferrari, Alfred; and Doddman, William H., 4,500,038, Cl. 239-85.000.

Doddrell, David M.: *See—*
Pegg, David T.; Doddrell, David M.; and Bendall, Max R., 4,521,732, Cl. 324-300.000.

Dodds, David E.; and Bertsch, Ludo A., to Develcon Electronics Ltd. Balanced circuit for connecting receiver and transmitter to transmission line. 4,525,845, 6-25-85, Cl. 375-36.000.

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Dodds, Michael J.: *See—*
Bruno, David J., Jr.; Dodds, Michael J.; Fuqua, Debra L.; and Hunter, John E., 4,560,564, Cl. 426-250.000.

Dodds, Robert E.; and Harrigan, David J., to GTE Products Corporation. Method of vapor coating phosphor particles. 4,515,827, 5-7-85, Cl. 427-68.000.

Dodds, Stephen G., to Chesebrough-Pond's Inc. Shoe construction. 4,501,076, 2-26-85, Cl. 36-11.000.

Dodey, Pierre: *See—*
Majoie, Bernard; Bellamy, Francois; Dodey, Pierre; and Robin, Jacques, 4,528,294, Cl. 514-327.000.

Dodge, Cleveland E., Jr. Removable double-action rope grip. 4,502,668, 3-5-85, Cl. 254-391.000.

Dodge, Cleveland E., Jr. Bypassing double action rope grip. 4,521,000, 6-4-85, Cl. 254-391.000.

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Curtis, Huntington W.; Dodge, Frederick A.; Francis, David B.; and Mizzi, John V., 4,509,530, Cl. 128-710.000.

Dodge, John H.; Eichhorn, Thomas F.; and Stevenson, Peter A., to International Business Machines Corporation. System for monitoring and controlling electrophotographic toner operation. 4,502,778, 3-5-85, Cl. 355-14.00E.

Dodge, John H.: *See—*
Black, Arthur G.; Dodge, John H.; and Ernst, Larry M., 4,496,829, Cl. 219-497.000.

Dodge, Paul R.: *See—*
Corrigan, Charles E.; and Dodge, Paul R., 4,497,171, Cl. 60-39.750.

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Dodson, Christopher E., to Torftech Limited. Method for processing matter in a turbulent mass of particulate material. 4,559,719, 12-24-85, Cl. 34-10.000.

Dodson, John S.: *See—*
Welford, Walter T.; Stewart, Andrew D. G.; and Dodson, John S., 4,529,305, Cl. 356-30.000.

Dodson, Matt R.: *See—*
Nawrocki, Nicholas F.; and Dodson, Matt R., 4,527,156, Cl. 340-753.000.

Dodson, Stuart A.: *See—*
Campbell, Henry F.; Kuhla, Donald E.; Studt, William L.; and Dodson, Stuart A., 4,520,025, Cl. 514-275.000.
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Doebber, Thomas W.: *See—*
Biftu, Tesfaye; Hwang, San-Bao; Doebber, Thomas W.; Beattie, Thomas R.; and Shen, Tsung-Ying, 4,539,332, Cl. 514-461.000.

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Doehler, Joachim: *See—*
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Doell, Brant; and Wright, John T., 4,524,730, Cl. 123-27.0GE.

Doemen, Benno, to Papst-Motoren GmbH & Co. KG. Direct current motor without commutator. 4,542,323, 9-17-85, Cl. 318-254.000.

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Glantz, Jerome J.; and Doenges, Michael G., 4,559,232, Cl. 426-96.000.

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, to Metallgesellschaft Aktiengesellschaft. Process of regenerating absorbent solutions for sulfur-containing gases. 4,504,449, 3-12-85, Cl. 423-228.000.

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Doering, James P.: *See—*
Landphair, Donald K.; and Doering, James P., 4,539,246, Cl 428-131.000.

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Slawinski, Christopher; Doering, Robert R.; and Teng, Clarence W., 4,561,172, Cl. 29-576.00W.

Doerner, Frank. Cover for chair leg. 4,534,533, 8-13-85, Cl. 248-345.100.

Doerr, Marvin L.: *See—*
Sinker, Stephen M.; Baron, Joseph J., Jr.; Rupp, Raymond W.; Doerr, Marvin L.; and McChesney, Charles E., 4,554,328, Cl 525-437.000

Doerr, Richard D.; Muller, J. Joseph; and Green, William A., to ACF Industries, Incorporated. Idle speed controller improvement. 4,553,076, 11-12-85, Cl. 318-282.000.

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Doescher, George C.; and Clark, Jim W. Jig. 4,521,140, 6-4-85, Cl. 408-97.000.

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Dofke, Harald: *See—*

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Tims, Harold A.; Elliott, Sheldon E.; Montgomery, Orir C.; and Doggett, William N., 4,493,063, Cl. 367-77.000.

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Ceurvels, Thomas J.; Chaudhary, Rashid A.; and Doherty, Charles F., Jr., 4,529,881, Cl. 250-353.000.

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Davis, Dwight P.; and Doherty, Francis G., 4,561,983, Cl. 210-755.000.

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Doherty, James B., to Merck & Co., Inc. Process for the preparation of 5-aroyl-1,2-dihydro-3H-pyrrolo[1,2-a]pyrrole-1-carboxylic acid derivative. 4,496,741, 1-29-85, Cl. 548-453.000.

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Doherty, John, Jr., to Texas Instruments Incorporated. Single terminal snap acting thermal switch. 4,514,717, 4-30-85, Cl. 337-365.000.

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Dohi, Hidemi; and Matsuda, Hideaki, to Okura Kogyo Kabushiki Kaisha. Modified two-part type adhesive composition. 4,554,301, 11-19-85, Cl. 524-210.000.

Dohi, Hidemi: *See—*

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Dohi, Nobuyasu: *See—*

Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.

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Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, 4,516,061, Cl. 318-561.000.

Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, 4,517,909, Cl. 112-275.000.

Shinozaki, Nozomu; Dohi, Takashi; Yamazaki, Shinji; and Neki, Shigeo, 4,499,449, Cl. 338-32.00R.

Dohm, Heinz: *See—*

Hemmerich, Heinz-Peter; Schulte-Huermann, Werner; and Dohm, Heinz, 4,506,103, Cl. 568-744.000.

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Strothmann, Rolf; and Dohmer, Rolf, 4,539,439, Cl. 179-107.00R.

Dohner, Jeffrey L.: *See—*

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Dohrenwend, James W.: *See—*

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Dohse, Hans-Peter; and Wanner, Karl, to Robert Bosch GmbH. Tool chuck. 4,502,824, 3-5-85, Cl. 409-234.000.

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Doi, Haruo: *See—*

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Doi, Hiroyuki: *See—*

Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.

Doi, Hiyoshi: *See—*

Kawaguchi, Toshihiro; Ishizaka, Mineo; and Doi, Hiyoshi, 4,509,568, Cl. 141-129.000.

Doi, Makoto: *See—*

Inoue, Toshitsugu; Nakada, Akiyoshi; Kaji, Haruo; Doi, Makoto; and Takezawa, Kuninori, 4,522,555, Cl. 414-733.000.

Nakada, Akiyoshi; Inoue, Toshitugu; Tada, Haruo; Shinki, Kiyoshi; Takezawa, Kuninori; and Doi, Makoto, 4,552,504, Cl. 414-735.000.

Doi, Motomichi; Okano, Kinpei; Nii, Katsutoshi; and Yokota, Yoshiharu, to Hitachi, Ltd. Method of producing bearing component. 4,508,396, 4-2-85, Cl. 384-463.000.

Doi, Ryota: *See—*

Tsukui, Tsutomu; Shimizu, Toshio; Doi, Ryota; and Tsutsumi, Yasuyuki, 4,537,840, Cl. 429-33.000.

Doi, Ryouta: *See—*

Shimizu, Toshio; Satou, Takanori; Tsukui, Tsutomu; Doi, Ryouta; and Yamaguchi, Motoo, 4,562,123, Cl. 429-27.000.

Doi, Shigeru: *See—*

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Doi, Shinji: *See—*

Fukumoto, Hiroshi; Inoue, Sukejiro; Sasakawa, Masumi; and Doi, Shinji, 4,533,614, Cl. 430-99.000.

Inoue, Sukejiro; Fukumoto, Hiroshi; Sasakawa, Masumi; and Doi, Shinji, 4,533,617, Cl. 430-111.000.

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Doi, Shunichi: *See—*

Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, 4,501,141, Cl. 73-146.000.

Doi, Takuji: *See—*

Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.

Doi, Terukazu: *See—*

Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.

Doi, Yasuhiro: *See—*

Matsui, Toshio; Doi, Yasuhiro; Kinoshita, Keichi; and Ishiguro, Kuniaki, 4,548,403, Cl. 271-296.000.

Doi, Yoshihiko; Maeda, Yoshiki; and Kobayashi, Mitsunori, to Sumitomo Electric Industries, Ltd. Process of physical vapor deposition. 4,507,189, 3-26-85, Cl. 204-192.00N.

Doi, Yoshikazu; and Sado, Kenzo, to Fuji Photo Optical Co., Ltd. Zoom lens system. 4,560,254, 12-24-85, Cl. 350-427.000.

Doi, Yoshio; Yamakage, Tetsuro; Nakashima, Kunimichi; and Matsuura, Akihiro, to Toyoda Koki Kabushiki Kaisha. Machine tool with tool change function. 4,538,341, 9-3-85, Cl. 29-568.000.

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Doin, James E.; and Vaughn, Howard A., Jr., to General Electric Company. Thermoformable silicone resin coating composition and dual component coating system for polycarbonate. 4,559,271, 12-17-85, Cl. 428-412.000.

Doiron, Laurea, Jr., to Emtek, Inc. Arrangement and method for current density control in electroplating. 4,534,832, 8-13-85, Cl. 204-15.000.

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Doktorov, Mark E.: *See—*

Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.

Dola, Frank P., to AMP Incorporated. Network interface device. 4,500,158, 2-19-85, Cl. 339-122.00R.

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Dolak, Lester A.: *See—*

Hannon, Betty R.; Reusser, Fritz; Dolak, Lester A.; Argoudelis, Alexander D.; and Castle, Thomas M., 4,540,661, Cl. 435-42.000.

Dolak, Terence M.; and Martin, Tellis A., to Mead Johnson & Company. Antihypertensive isoindole derivatives. 4,495,194, 1-22-85, Cl. 514-323.000.

Dolak, Terence M.; and Martin, Tellis A., to Mead Johnson & Company. Isoindole diuretic derivatives, compositions and use. 4,505,911, 3-19-85, Cl. 514-229.000.

Dolan, Courtney F.; and Woodcock, Stewart J., to Chrysler Corporation. Dampening shoes for synchronizer gears. 4,519,265, 5-28-85, Cl. 74-443.000.

Dolan, Courtney F., to Chrysler Corporation. Bi-directional spring loaded shift fork assembly. 4,529,080, 7-16-85, Cl. 192-109.00A.

Dolan, James G.: *See—*

  Buriks, Rudolf S.; and Dolan, James G., 4,502,977, Cl. 252-340.000.

Dolan, John E. Rotating toilet bowl dispenser. 4,490,861, 1-1-85, Cl. 4-228.000.

Dolan, John P.: *See—*

  Stieg, Richard F.; Dolan, John P.; Worley, W. Spencer; and Juergens, Tristan, 4,493,221, Cl. 474-14.000.

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Dolan, Richard J.; Cangiano, Frank; and Van der Linde, John, to GTE Products Corporation. Replaceable lamp unit providing hermetic seal and fixed alignment for electric lamp contained therein and automobile headlight utilizing same. 4,528,619, 7-9-85, Cl. 362-61.000.

Dolash, Thomas M.: *See—*

  Andrus, Paul G.; Smith, B. Thomas; and Dolash, Thomas M., 4,494,865, Cl. 355-32.000.

Dolata, Hans: *See—*

  Nitschmann, Karl; Dolata, Hans; and Dietzsch, Gunter, 4,554,853, Cl. 83-522.000.

  Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, 4,558,621, Cl. 83-834.000.

Dolbeau, Michel: *See—*

  Auberon, Marcel; Cabanel, Daniel; Dolbeau, Michel; Phan, Albert; Pillois, Philippe; Bournazel, Claude L.; and Huvey, Michel, 4,549,919, Cl. 156-172.000.

Dolby Laboratories Licensing Corporation: *See—*

  Gundry, Kenneth J., 4,493,091, Cl. 375-30.000.

  Gundry, Kenneth J., 4,507,791, Cl. 375-27.000.

  Gundry, Kenneth J., 4,532,556, Cl. 360-19.100.

Dolby, Ray M. Circuit arrangements for modifying dynamic range. 4,498,055, 2-5-85, Cl. 330-284.000.

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Dolce, Thomas J.; and Vijayendran, Bheema R., to Celanese Corporation. Alkali metal salts of cross-linked polymeric microgels as nucleating agents for polyethylene terephthalate molding compositions and method for molding. 4,511,527, 4-16-85, Cl. 264-328.200.

Dolejs, Anthony H., to Ardac, Inc. Door latch mechanism. 4,554,807, 11-26-85, Cl. 70-208.000.

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  Gorgone, Robert L.; Iannadrea, Gerald M.; Dolejs, Anthony H.; Knox, Bruce R.; and Kovach, Alan J., 4,513,439, Cl. 382-7.000.

  Murck, Sanford C.; and Dolejs, Anthony H., 4,504,052, Cl. 271-9.000.

Dolenc, Anton, to Steyr-Daimler-Puch Aktiengesellschaft. Fuel injection nozzle for air-compressing, self-igniting reciprocating internal combustion engines. 4,494,700, 1-22-85, Cl. 239-533.300.

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  Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.

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Dolev, Moshe: *See—*

  Bahry, Avraham; and Dolev, Moshe, 4,548,058, Cl. 70-56.000.

Dolezal, George E.; and Kelly, Joseph L., Jr., to Hughes Tool Company. Air groove scraper. 4,515,228, 5-7-85, Cl. 175-313.000.

Dolezal, George E.: *See—*

  Burr, Bruce H.; Dolezal, George E.; and Galle, Edward M., 4,491,428, Cl. 384-93.000.

Dolfsma, Hendrik: *See—*

  Vermeiren, Karel N.; and Dolfsma, Hendrik, 4,511,837, Cl. 324-61.00R.

Dolgirev, Jury E.: *See—*

  Maidanik, Jury F.; Vershinin, Sergei V.; Kholodov, Valery F.; and Dolgirev, Jury E., 4,515,209, Cl. 165-104.220.

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Dolhyj, Serge R.; and Enyedy, Roseann M., to Standard Oil Company, The. Catalysts and process of making. 4,508,848, 4-2-85, Cl. 502-239.000.

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Dolin, Rick L., to Manville Service Corporation. Whitewater formulation containing a cationic polyacrylamide. 4,526,914, 7-2-85, Cl. 524-42.000.

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Doljack, Frank A., to B. F. Goodrich Company, The. Method and apparatus for updating event information. 4,541,063, 9-10-85, Cl. 364-550.000.

Doljack, Frank A.: *See—*

  McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,542,365, Cl. 338-20.000.

  McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,549,161, Cl. 338-20.000.

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Dolkemeyer, Wilfried; Keim, Karl-Heinz; and Meisenburg, Ewald, to Rheinische Braunkohlenwerke AG. Process for the production of pumpable coal slurries. 4,494,960, 1-22-85, Cl. 44-51.000.

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Doll, Herbert: *See—*

  Brandl, Rudolf; and Doll, Herbert, 4,501,189, Cl. 89-14.400.

Doll, Ronald J.: *See—*

  Smith, Elizabeth M.; Doll, Ronald J.; and Neustadt, Bernard R., 4,511,569, Cl. 514-290.000.

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Dolle, Ernest W.: *See—*

  Cook, Thomas E.; and Dolle, Ernest W., 4,493,773, Cl. 252-8.800.

Dollenmayer, William L., to International Business Machines Corporation. Self restoring pivoting means and print hammer using same. 4,557,192, 12-10-85, Cl. 101-93.480.

Dollfus, Jacques: *See—*

  Chometon, Pierre; and Dollfus, Jacques, 4,492,291, Cl. 188-377.000.

Dollhausen, Manfred: *See—*

  Kerimis, Dimitrios; Hombach, Rudolf; Muller, Peter; and Dollhausen, Manfred, 4,521,545, Cl. 521-107.000.

Dollison, William W., to Otis Engineering Corporation. Control of continuous reciprocation of a fluid power cylinder. 4,491,055, 1-1-85, Cl. 91-306.000.

Dolliver, David M.: *See—*

  Buitekant, Alan, and Dolliver, David M., 4,523,731, Cl. 244-137.00R.

Dollst, Klaus. Apparatus for heating and drying shoes. 4,517,443, 5-14-85, Cl. 219-215.000.

Dolnik, Thomas G.: *See—*

  Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., 4,535,409, Cl. 364-481.000.

Dolomite, S.p.A.: *See—*

  Annovi, Giuseppe, 4,542,599, Cl. 36-117.000.

Dolomitwerke GmbH: *See—*

  Wyskott, Bernd; Prange, Rainer; Moller, Kurt; and Fleischer, Joachim, 4,549,906, Cl. 106-16.000.

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  Gruber, Klaus; Lohner, Manfred; Posselt, Klaus; and Wagener, Hans H., 4,555,524, Cl. 514-570.000.

Dolp, Heinrich. Device for accommodating billiard balls in spaces provided for billiards playing. 4,524,968, 6-25-85, Cl. 273-2.000.

Dolphin Titan International, Inc.: *See—*

  Albaugh, E. Kurt, 4,544,135, Cl. 254-108.000.

  Albaugh, Edward K., 4,534,677, Cl. 405-203.000.

Dols, Robert H. Tile cutting apparatus. 4,541,404, 9-17-85, Cl. 125-14.000.

Dolsky, Thomas P., to Life Products, Inc. Protective pillow assembly. 4,523,588, 6-18-85, Cl. 128-201.250.

Dolson, Richard G., to Veeder Industries Inc. Portable voting booth. 4,510,378, 4-9-85, Cl. 235-50.00R.

Dolson, Richard G.; and Brophy, William R., to Veeder Industries Inc. Keyboard system and module therefor. 4,559,427, 12-17-85, Cl. 200-159.00B.

Domaas, Perry M.: *See—*

  Kaster, Robert L.; and Domaas, Perry M., 4,512,471, Cl. 206-438.000.

Domain, Inc.: *See—*

  Rebhan, Herbert J., 4,514,425, Cl. 426-93.000.

Doman, Glidden S., to United Technologies Corporation. Minimization of the effects of yaw oscillations in wind turbines. 4,515,525, 5-7-85, Cl. 416-11.000.

Doman, H. Michael: *See—*

  Mowat, Donald J.; and Doman, H. Michael, 4,5[illegible],438, Cl. 180-209.000.

Doman, Herbert M., to Everest & Jennings, Inc. Wheelchair direction control means. 4,549,624, 10-29-85, Cl. 180-6.280.

Domany, Gyorgy: *See—*

  Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.

Dombay, Zsolt: *See—*
- Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.
- Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.

Dombek, Bernard D., to Union Carbide Corporation. Process for producing methanol from synthesis gas. 4,540,712, 9-10-85, Cl. 518-700.000.

Dombkowski, Otto: *See—*
- Voss, Jurgen; Dombkowski, Otto; Kudlich, Walter; and Stodulka, Jan, 4,555,024, Cl. 206-454.000.

Dombro, Robert A.: *See—*
- Pullukat, Thomas J.; Hwang, Yu-Tang; and Dombro, Robert A., 4,524,141, Cl. 502-107.000.

Dombroski, John R.; Hawkins, J. Maynard; Pollock, Mark A.; Leonard, Alan P.; and Mitchell, Thomas A., to Eastman Kodak Company. Process for forming copolymer particles. 4,547,329, 10-15-85, Cl. 264-118.000.

Dombrowski, David M., and Anastasi, Kenneth J., to General Electric Company. Cutting tool. 4,552,046, 11-12-85, Cl. 82-36.00A.

Dombrowski, Leonard C., to AT&T Bell Laboratories. Apparatus for generating a common output signal as a function of any of a plurality of diverse input signals. 4,511,859, 4-16-85, Cl. 331-11.000.

Domdey, Otto. Process for generating electric power by means of turbogenerators using high pressure vapor. 4,495,774, 1-29-85, Cl. 60-649.000.

Domeier, Linda A., to Union Carbide Corporation. Low shrinking curable molding compositions containing a poly(acrylate). 4,524,162, 6-18-85, Cl. 523-438.000.

Domes, E. A.: *See—*
- Eldridge, Joseph L., and Domes, E. A., 4,542,461, Cl. 364-424.000.

Domesle, Rainer; Koberstein, Edgar; Pietka, Hans-Dieter; and Voelker, Herbert, to Degussa Aktiengesellschaft. Process and catalyst for the reduction of the ignition temperature of diesel soot filtered out of the exhaust gas of diesel engines. 4,515,758, 5-7-85, Cl. 423-213.200.

Domian, Henry A., and Weber, Charles M., to Babcock & Wilcox Company, The. Electron beam welder control. 4,560,854, 12-24-85, Cl. 219-121.0EW.

Domic, Esteban M., and Hein, Hans C., to Sociedad Minera Pudahuel Ltda., C.P.A. Process for recovering metals from solution through solvent extraction and pyrometallurgical reduction. 4,561,887, 12-31-85, Cl. 75-65.00R.

Domigan, Charles N., to Butler Manufacturing Company. Box for raised floors. 4,536,612, 8-20-85, Cl. 174-48.000.

Domin, Thomas M.; Landis, Dan R.; and Williams, Paul, to AccuRay Corporation. Sheet measuring apparatus with two structurally isolated non-contacting surface follower bodies and wireless signal transmission. 4,528,507, 7-9-85, Cl. 324-229.000.

Dominey, Raymond J.: *See—*
- Wood, John; and Dominey, Raymond J., 4,511,795, Cl. 235-379.000.

Domingo Mangone: *See—*
- Mangone, Pascuale, 4,562,127, Cl. 429-89.000.

Domingue, Willard A., to Fire Trumpet of America, Inc. Fire alarm system and method. 4,520,352, 5-28-85, Cl. 340-590.000.

Dominguez, Edward J. Collapsible door wedge with quick release mechanism. 4,501,444, 2-26-85, Cl. 292-342.000.

Dominguez, Edward J. Collapsible wedge for sliding doors and windows. 4,552,395, 11-12-85, Cl. 292-342.000.

Dominguez, Richard J. G.; McEntire, Edward E.; and Naylor, Carter G., to Texaco Inc. Reaction injection molded elastomers containing high molecular weight organic acids. 4,499,254, 2-12-85, Cl. 528-49.000.

Dominguez, Richard J. G., to Texaco Inc. Reaction injection molded elastomers containing low molecular weight organic acids. 4,513,133, 4-23-85, Cl. 528-49.000.

Dominguez, Richard J. G., and Cuscurida, Michael, to Texaco Inc. Polymer polyol prepared by crosslinking a low molecular weight polymer in a polyol. 4,521,581, 6-4-85, Cl. 528-57.000.

Dominguez, Richard J. G.: *See—*
- Speranza, George P.; Cuscurida, Michael; and Dominguez, Richard J. G., 4,540,768, Cl. 528-79.000.

DoMinh, Thap, to Eastman Kodak Company. Photothermographic element and process. 4,548,897, 10-22-85, Cl. 430-351.000.

Dominiani, Frank J., Jr.; and Annarelli, Dennis C., to FMC Corporation. Treatment of concentrated phosphoric acid. 4,551,320, 11-5-85, Cl. 423-321.00R.

Dominick, Thomas S.; and Anderson, Roy G., to Westinghouse Electric Corp. Improved, low-distortion, broadband directional coupler formed by multiple series transformers. 4,555,681, 11-26-85, Cl. 333-112.000.

Dominico, James W.: *See—*
- Skrypek, John P.; Williams, Robert; Dominico, James W.; and Rohr, Albin, 4,543,883, Cl. 101-38.00A.

Dominion Engineering Works Limited: *See—*
- Harris, Thomas E., 4,513,599, Cl. 72-238.000.
- Shaver, Marvin B.; and Guerguerian, Rhual L., 4,561,599, Cl. 241-34.000.
- Wisnia, Jack; and Stock, Norman A., 4,538,769, Cl. 241-179.000.

Dominion Tool & Die Company, Inc.: *See—*
- Lawson, Lawrence J., 4,547,945, Cl. 29-407.000.

Dominique, Harry P.: *See—*
- Waggoner, Clinton A.; Dominique, Harry P.; Moonie, Gary A.; and Kaye, Bruce J., 4,506,960, Cl. 350-529.000.

Domino, William J.; Havens, Donald P.; and Johnson, Robert A., to Rockwell International Corporation. Electromechanical resonator apparatus. 4,553,060, 11-12-85, Cl. 310-333.000.

Domke, Robert R.: *See—*
- Armour, Charles R.; Domke, Robert R.; and Spero, Richard J., 4,541,804, Cl. 434-15.000.

Domland, Christoph: *See—*
- Minner, Willy; Spies, Heinz-Hermann; and Domland, Christoph, 4,558,675, Cl. 123-427.000.

Domnanovich, James R.; and Erwin, William D., to Siemens Gammasonics, Inc. Housing for a radioactive source. 4,513,204, 4-23-85, Cl. 250-496.100.

Domnanovich, James R.: *See—*
- Groch, Mark W.; and Domnanovich, James R., 4,546,777, Cl. 128-715.000.
- Groch, Mark W.; and Domnanovich, James R., 4,548,204, Cl. 128-700.000.
- Groch, Mark W.; and Domnanovich, James R., 4,549,552, Cl. 128-700.000.

Domnick Hunter Filters Ltd.: *See—*
- Billiet, Colin T., 4,537,748, Cl. 422-122.000.

Domokos, Sipos, to Csepel Muvek Femmuve. Process and equipment for the production of alloyed copper wire rod by continuous casting. 4,521,455, 6-4-85, Cl. 427-178.000.

Domoleczny, James D.: *See—*
- Cornwell, Ross E., Jr.; Czech, John F.; and Domoleczny, James D., 4,533,105, Cl. 248-371.000.

Domon, Kozo: *See—*
- Tsuchita, Kenji; Domon, Kozo; and Takahashi, Fuminobu, 4,531,413, Cl. 73-637.000.

Dompe Farmaceutica S.p.A.: *See—*
- Giani, Roberto; Parini, Ettore; and Tonon, Giancarlo, 4,556,653, Cl. 514-220.000.

Domries, Bernard O. Disc type agricultural implement. 4,501,333, 2-26-85, Cl. 172-441.000.

Domtar Inc.: *See—*
- Bialkowski, Wojciech L., 4,500,968, Cl. 364-471.000.
- Cukier, Samuel; and Kremer, Henry A. F. L., 4,517,072, Cl. 208-45.000.
- Fischer, David, 4,541,560, Cl. 229-27.000.
- Grignon, Jacques, 4,514,448, Cl. 428-68.000.
- Nguyen, Xuan T., 4,495,163, Cl. 423-244.000.

Don Marketing Management Ltd.: *See—*
- Donovan, John, 4,508,513, Cl. 434-346.000.

Don Mowry Flexo Parts, Inc.: *See—*
- Mowry, Donald E., 4,522,617, Cl. 493-126.000.
- Mowry, Donald E., 4,547,183, Cl. 493-182.000.
- Mowry, Donald E., 4,551,124, Cl. 493-128.000.

Donaher, Charles J.: *See—*
- Christensen, Gordon D.; and Donaher, Charles J., 4,496,205, Cl. 339-74.00R.

Donaher, Thomas P.: *See—*
- Hesselberth, Robert J.; Donaher, Thomas P.; and Sandahl, Joel E., 4,525,685, Cl. 331-10.000.

Donahoe, Patricia K.; Budzik, Gerald P.; and Swann, David A., to General Hospital Corporation, The. Purified Mullerian Inhibiting Substance and method of use. 4,510,131, 4-9-85, Cl. 424-105.000.

Donahue, Barbara S.; and Ficca, Irene. Support device for nursing bottles and amusement items. 4,498,613, 2-12-85, Cl. 224-251.000.

Donahue, Daniel J.: *See—*
- Pare, Girard F., 4,506,737, Cl. 169-19.000.

Donahue, John M.; and Gagner, Michael J., to Gradall Company, The. Remote drive with powershift transmission. 4,516,655, 5-14-85, Cl. 180-321.000.

Donahue, Joseph D., to Haden Schweitzer Corporation. Enclosure for treatment tank. 4,502,410, 3-5-85, Cl. 118-429.000.

Donahue, Lawrence E.: *See—*
- Alamprese, Leo; and Donahue, Lawrence E., 4,547,079, Cl. 374-116.000.

Donahue, Robert H.: *See—*
- Cristell, Frank A., 4,534,147, Cl. 52-287.000.

Donahue, William R., Jr., to Appliance Valves Corporation. Direct acting valve assembly. 4,558,844, 12-17-85, Cl. 251-118.000.

Donais, Norman; and Nitowski, Ronald, to Siemon Company, The. Hinged cover and label assembly for connector block. 4,550,964, 11-5-85, Cl. 339-44.00M.

Donak, John R.: *See—*
- Cheng, Chao-Jan; Donak, John R.; and Ahad, Samir E., 4,528,664, Cl. 370-110.300.

Donald, Dennis S.; and Lee, Ross A., to Du Pont de Nemours, E. I., and Company. Phenylmercaptotetrazolo- and nitroindazolo masked development/image modifiers. 4,501,896, 2-26-85, Cl. 548-251.000.

Donaldson, A. Burl: *See—*
- Eisenhawer, Stephen; Mulac, Anthony J.; Donaldson, A. Burl; and Fox, Ronald L., 4,495,342, Cl. 166-303.000.

Donaldson, Charles W., to General Electric Company. Turbine blade measurement. 4,509,265, 4-9-85, Cl. 33-174.0PA.

Donaldson, Charles W., to General Electric Company. Optical inspection system and method. 4,518,257, 5-21-85, Cl. 356-375.000.

Donaldson Company, Inc.: *See—*
- Booth, Donald S., 4,514,193, Cl. 55-290.000.
- Cuvelier, Leon, 4,515,609, Cl. 55-270.000.
- Engel, Mark R., 4,509,960, Cl. 55-287.000.

- Engel, Mark R., 4,549,715, Cl. 251-29.000.
- Ericksen, Donald J., 4,498,914, Cl. 55-480.000.
- Fischer, Paul M.; and Schwarz, Carl E., 4,512,882, Cl. 210-86.000.
- Fischer, Paul M.; and Schwarz, Carl E., 4,522,712, Cl. 210-86.000.
- Gillingham, Gary R., 4,500,332, Cl. 55-443.000.
- Gillingham, Gary R.; Wahlquist, Fred H.; and Matthys, Bernard A., 4,504,293, Cl. 55-350.000.
- Johnston, Gordon L., 4,507,203, Cl. 210-445.000.
- Tokar, Joseph C., 4,491,460, Cl. 55-337.000.
- Wagner, Wayne M.; Schmeichel, Steven D.; and Bethke, Timothy A., 4,558,891, Cl. 285-322.000.
- Wolde-Michael, Girma, 4,515,607, Cl. 55-166.000.
- Wolde-Michael, Girma, 4,521,313, Cl. 210-776.000.
- Wright, Mervin E.; and Gronholz, Donald D., 4,512,891, Cl. 210-445.000.

Donaldson, Darrel D.; Honnigford, Edward H.; and Poeppelman, Alan D., to NCR Corporation. High voltage pass circuit. 4,527,074, 7-2-85, Cl. 307-246.000.

Donaldson, David L., to Chemfix Technologies, Inc. Method for treating liquid and semi-solid organic waste materials. 4,509,696, 4-9-85, Cl. 241-15.000.

Donaldson, George W., to Westinghouse Electric Corp. Door control apparatus. 4,551,944, 11-12-85, Cl. 49-31.000.

Donaldson, Jack J., to Mobil Oil Corporation. Method for producing longitudinally ribbed plastic film. 4,536,362, 8-20-85, Cl. 264-171.000.

Donaldson, John H.; Brunswick, Robert; and Foulkes, Andrew J., to Wellcome New Zealand Limited. Applicators. 4,552,559, 11-12-85, Cl. 604-198.000.

Donaldson, Margaret L.: *See—*

- Armitage, Bernard J.; and Donaldson, Margaret L., 4,501,727, Cl. 424-16.000.

Donaldson, Timothy P.; Pirrie, Colin A.; and Maitland, Arthur, to English Electric Valve Company Limited. Metal vapor segmented discharge tubes. 4,559,466, 12-17-85, Cl. 313-15.000.

Donaldson, William B. M. Method for protection of the eye. 4,549,539, 10-29-85, Cl. 128-132.00R.

Donaldson, William R.; and Tang, Chung L., to Cornell Research Foundation, Inc. Method for growing single crystals of urea. 4,537,990, 8-27-85, Cl. 564-63.000.

Donan, David C., Jr.; and Donan, David M. Off-center rock bolt anchor and method. 4,557,631, 12-10-85, Cl. 405-259.000.

Donan, David M.: *See—*

- Donan, David C., Jr.; and Donan, David M., 4,557,631, Cl. 405-259.000.

Donat Flamand Inc.: *See—*

- Giguere, Jean-Paul, 4,510,715, Cl. 49-488.000.
- Giguere, Jean-Paul, 4,513,536, Cl. 49-470.000.

Donatelli, Eugene R. Building structure. 4,509,302, 4-9-85, Cl. 52-82.000.

Donatelli, Philip A.: *See—*

- Ellion, M. Edmund; and Donatelli, Philip A., 4,490,972, Cl. 60-39.462.

Donatelli, Thomas F.; and Murray, Philip F., to Firestone Tire & Rubber Company, The. Rubber compounds containing zinc dimethacrylate. 4,495,326, 1-22-85, Cl. 524-533.000.

Donato, Aldo: *See—*

- Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,783, Cl. 252-628.000.

Donatt, Norman L., to Olympian Stone Company. Building wall panel. 4,531,338, 7-30-85, Cl. 52-235.000.

Donbar, Ken W.: *See—*

- Henderson, James N.; Donbar, Ken W.; Barbour, John J.; and Bell, Anthony J., 4,506,031, Cl. 502-162.000.

Dondero, John D.: *See—*

- Gregory, John R.; Parks, Gerald; and Dondero, John D., 4,516,273, Cl. 2-2.000.

Dondl, Peter, to Siemens Aktiengesellschaft. Telecommunication system with satellites positioned in geostationary positional loops. 4,502,051, 2-26-85, Cl. 343-356.000.

Dondoni, Alessandro: *See—*

- Rossetti, Vittorio; Dondoni, Alessandro; and Fantin, Giancarlo, 4,507,499, Cl. 564-179.000.

Doner, August K.; Brady, Lewis L.; and Alvarado, Jesse T., to Oil States Industries, Inc. Ball sealer. 4,505,334, 3-19-85, Cl. 166-284.000.

Doner, Douglas E.: *See—*

- Thomas, Robert C.; Caldwell, Robert D.; and Doner, Douglas E., 4,507,183, Cl. 204-98.000.

Donermeyer, Donald D.; Martins, Joseph G.; and Fabel, David A., to Monsanto Company. Process for bonded reinforced plastic structures. 4,542,047, 9-17-85, Cl. 427-374.400.

Donermeyer, Donald D.; Martins, Joseph G., deceased (by Martins, Alice J., executrix); and by Martins, Joseph C., executor, to Monsanto Company. Hot melt adhesive compositions. 4,548,996, 10-22-85, Cl. 525-420.500.

Dones, Roberto; and Street, David G., to Raychem Pontoise S.A. Sealable recoverable articles. 4,504,699, 3-12-85, Cl. 174-84.00R.

Donets, Oleg V.: *See—*

- Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.

Donetti, Arturo: *See—*

- Bietti, Giuseppe; Cereda, Enzo; Donetti, Arturo; del Soldato, Piero; Giachetti, Antonio; and Micheletti, Rosamaria, 4,548,944, Cl. 514-363.000.

Doney, Alfred D.: *See—*

- Holzgang, Curtis R.; Leavitt, Mark K.; Doney, Alfred D.; and Kuehn, James, 4,536,755, Cl. 340-573.000.

Dong Hwa Engineering Co. Ltd.: *See—*

- Bae, Ik J., 4,498,598, Cl. 220-6.000.

Dong Jun Industrial Co., Ltd.: *See—*

- Park, Young-Soon; and Yoon, Kum-Dong, 4,529,844, Cl. 179-84.0SS.

Dong, Walter; and Petty, Walter L., to Shell Oil Company. Cyanohydrination catalyst comprising non-crystalline or amorphous dipeptide. 4,554,102, 11-19-85, Cl. 260-112.50R.

Donges, Reinhard; and Horn, Klaus, to Hoechst Aktiengesellschaft. Photopolymerizable mixture and photopolymerizable copying material prepared therewith. 4,530,747, 7-23-85, Cl. 204-159.160.

Donges, William E., to Nordson Corporation. Plug-in circuit board connector and keying assembly. 4,546,414, 10-8-85, Cl. 361-413.000.

Donhowe, Herbert M.: *See—*

- McGuire, Richard; and Donhowe, Herbert M., 4,497,027, Cl. 364-471.000.

Donig, Adolf: *See—*

- Heinrich, Karl; Heichlinger, Norbert; and Donig, Adolf, 4,559,772, Cl. 57-247.000.

Donike, Wilhelm; Ulrich, Helmut; Thiemer, Heinz; and Pieper, Josefa, to Chemische Werke Huels AG. Process for producing Diels-Alder adducts while inhibiting the formation of polymeric by-products. 4,538,013, 8-27-85, Cl. 585-361.000.

Doninelli, Peter D., to Ampex Corporation. Head protrusion measuring structure. 4,492,035, 1-8-85, Cl. 33-172.00B.

Doniwa, Tabito, to Daiichi Dentsu Kabushiki Kaisha. Nut runner control circuit. 4,510,424, 4-9-85, Cl. 318-432.000.

Doniwa, Tabito, to Daiichi Dentsu, K.K. Nut runner using induction motor. 4,554,980, 11-26-85, Cl. 173-12.000.

DonJoy, Inc.: *See—*

- Reed, Kenneth E.; Mason, Bradley; Mason, Jeff; and Nelson, Gregory R., 4,493,316, Cl. 128-80.00C.

Donkin, Charles W., to Burroughs Corporation. Winchester disc drive. 4,555,189, 11-26-85, Cl. 384-493.000.

Donlan, John F.: *See—*

- Renalls, Brenda L.; Pedrotty, Douglas G.; and Donlan, John F., 4,546,036, Cl. 428-323.000.

Donmichael, T. A. Esophageal obturator airway. 4,497,318, 2-5-85, Cl. 128-202.280.

Donn Incorporated: *See—*

- LaLonde, Paul D., 4,492,066, Cl. 52-668.000.
- LaLonde, Paul D., 4,499,697, Cl. 52-98.000.
- Menchetti, Robert J.; and Sauer, Gale E., 4,514,945, Cl. 52-202.000.
- Mieyal, David F., 4,505,083, Cl. 52-476.000.
- Mieyal, David F.; and Reynard, Peter, 4,546,584, Cl. 52-281.000.
- Sauer, Gale E., 4,531,340, Cl. 52-726.000.
- Shirey, Richard, 4,535,580, Cl. 52-484.000.
- Shirey, Richard, 4,545,170, Cl. 52-670.000.
- Worley, Robert F.; and Petras, Jeffrey L., 4,520,609, Cl. 52-729.000.

Donnan, Jeremy F.; and Reed, David A., to Boots Company PLC, The. Medical connector. 4,526,572, 7-2-85, Cl. 604-29.000.

Donne, Graham L.: *See—*

- China, Bryan P.; Armour, John S.; Watson, Peter M. F.; and Donne, Graham L., 4,492,244, Cl. 137-38.000.

Donnellan, Gerald L.: *See—*

- French, Pierre B.; Antcliffe, David L.; and Donnellan, Gerald L., 4,526,004, Cl. 60-602.000.

Donnelly, Albert J., to Standum Controls, Inc. Programmable power control apparatus responsive to load variations. 4,494,010, 1-15-85, Cl. 307-33.000.

Donnelly, Brian G.: *See—*

- Dudash, Carl S.; and Donnelly, Brian G., 4,502,336, Cl. 73-736.000.
- Perkinson, Robert H.; Donnelly, Brian G.; and Dudash, Carl S., 4,501,157, Cl. 73-861.240.

Donnelly Corporation: *See—*

- Thomas, John F., Jr.; and Morgan, Cleon C., 4,502,248, Cl. 49-374.000.
- Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.

Donnelly, Edward J.: *See—*

- Kinney, Philip C.; Imran, Mir; and Donnelly, Edward J., 4,532,710, Cl. 33-141.00E.

Donnelly, Edward N.; Haberkorn, Wilhelm A.; Hagen, Gerry A.; McGregor, Thomas R.; and Postman, William, to Badische Corporation. Integrated process for the production of textured polycaprolactam multifilament yarn. 4,522,774, 6-11-85, Cl. 264-168.000.

Donnelly, Frank, to Spiniello Construction Company. Trowel for smoothing mortar on the interior of a pipe. 4,506,624, 3-26-85, Cl. 118-105.000.

Donnelly, James; and Ives, Milton N., to Carlingswitch, Inc. Plunger switch with pivoted actuator. 4,504,712, 3-12-85, Cl. 200-159.00R.

Donnelly, John H. Cosmetic and observer line of sight mirror. 4,500,169, 2-19-85, Cl. 350-288.000.

Donnelly, Thomas K. Blood sampling containers. 4,531,651, 7-30-85, Cl. 215-354.000.

Donnelly, Thomas L.; and Pavlovych, Orest, to Xerox Corporation. Development apparatus in which the escape of particles is minimized. 4,557,584, 12-10-85, Cl. 355-3.0DD.

Donnelly, Vincent M.: *See—*

- Cook, Joel M.; Donnelly, Vincent M.; Flamm, Daniel L.; Ibbotson, Dale E.; and Mucha, John A., 4,498,953, Cl. 156-646.000.

Donner, Bernd; and Siefert, Roland, to Kienzle Apparate GmbH. Tachograph cover door assembly. 4,507,963, 4-2-85, Cl. 73-431.000.
Donner, Klaus: *See—*
- Bitsch, Harald; Donner, Klaus; Hasselmann, Heinz; and Horbach, Rainer, 4,550,664, Cl. 105-180.000.

Donner, Meinrad, to Maag Gear-Wheel & Machine Company Limited. Method of compensating for dressing tool wear during the dressing of grinding wheels. 4,539,779, 9-10-85, Cl. 51-325.000.
Donner, Meinrad: *See—*
- Bloch, Peter; Donner, Meinrad; and Schwaighofer, Roman, 4,545,151, Cl. 51-52.00R.
- Bloch, Peter; Schneider, Otto; and Donner, Meinrad, 4,555,871, Cl. 51-52.00R.
- Mesey, Milton; Shcwaighofer, Roman; and Donner, Meinrad, 4,535,573, Cl. 51-165.870.

D'Onofrio, Anthony; and Kitik, Walter, to Timex Corporation. Process for making an electroluminescent lamp. 4,534,743, 8-13-85, Cl. 445-24.000.
Donofrio, Robert L.: *See—*
- Brennensholtz, Matthew S.; and Donofrio, Robert L., 4,552,459, Cl. 356-448.000.

Donogues, Jacques P.: *See—*
- Le Ribault, Loic P.; Donogues, Jacques P.; and Duffaut, Norbert C., 4,553,597, Cl. 166-305.00R.

Donohue, James M.; and Ling, Andrew T., to Xerox Corporation. Shared resource clustered printing system. 4,493,049, 1-8-85, Cl. 364-900.000.
Donohue, James M.; Markle, Robert E.; Mager, George E.; and Wilczek, Stephen P., to Xerox Corporation. Message transmitting system for reproduction machines and copiers. 4,523,299, 6-11-85, Cl. 364-900.000.
Donohue, James M.; and Ling, Andrew T., to Xerox Corporation. Character generator. 4,527,252, 7-2-85, Cl. 364-900.000.
Donohue, John A.: *See—*
- Turnbull, Lennox B.; Donohue, John A.; and Jagdmann, Gunnar E., Jr., 4,547,518, Cl. 514-403.000

Donohue, John J.: *See—*
- Gaffar, Abdul; Davis, Calvin B.; Donohue, John J.; and Moy, Debbie, 4,537,765, Cl. 424-53.000.

Donohue, Paul C., to Du Pont de Nemours, E. I., and Company. Hexaboride resistor composition. 4,512,917, 4-23-85, Cl. 252-521.000.
Donohue, Paul C., to Du Pont de Nemours, E. I., and Company. Dielectric composition. 4,530,031, 7-16-85, Cl. 361-321.000.
Donohue, Terence; and Geosling, Christine E., to United States of America, Navy. Photochemical method for the separation of mixtures of xenon and krypton. 4,528,080, 7-9-85, Cl. 204-157.10R.
Donomoto, Tadashi; and Tanaka, Atsuo, to Toyota Jidosha Kabushiki Kaisha. Method for production of composite material using preheating of reinforcing material. 4,492,265, 1-8-85, Cl. 164-493.000.
Donomoto, Tadashi; Tatematsu, Yoshiaki; and Tanaka, Atsuo, to Toyota Jidosha Kabushiki Kaisha. Silicon carbide whisker composite material with low non whisker particle content and method of manufacture thereof. 4,530,875, 7-23-85, Cl. 428-283.000.
Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, to Toyota Jidosha Kabushiki Kaisha; and Art Metal Manufacturing Co. Ltd. Piston with local inorganic fiber reinforcement and method of making the same. 4,548,126, 10-22-85, Cl. 92-213.000.
Donomoto, Tadashi: *See—*
- Funatani, Kiyoshi; Donomoto, Tadashi; Tanaka, Atsuo; and Tatematsu, Yoshiaki, 4,548,253, Cl. 164-80.000.

Donovan, James E. Puppet. 4,544,365, 10-1-85, Cl. 446-73.000.
Donovan, James P. Seaming tool for floor coverings. 4,505,039, 3-19-85, Cl. 30-289.000.
Donovan, James P. Cushioned activity surface with closed cell foam pad bonded to hard surface and rubber mat. 4,557,475, 12-10-85, Cl. 272-3.000.
Donovan, John, to Don Marketing Management Ltd. Game card device. 4,508,513, 4-2-85, Cl. 434-346.000.
Donovan, John S. Symmetrical discriminator and demodulator. 4,562,403, 12-31-85, Cl. 329-103.000.
Donovan, Marcella G.: *See—*
- Lewarchik, Ronald J.; Murray, Kevin P.; Donovan, Marcella G.; and Jones, Arthur T., 4,526,939, Cl. 525-438.000.

Donovan, Marion. Dental flossing product. 4,523,600, 6-18-85, Cl. 132-89.000.
Donovan, Timothy F.: *See—*
- Ryan, William P.; Mason, Richard A.; Maida, Vincent A.; and Donovan, Timothy F., 4,495,380, Cl. 174-138.00D.

Donovan Wire & Iron: *See—*
- Gurney, Anthony R., 4,512,210, Cl. 74-535.000.

Dontscheff, Helmut, to Boeing Company, The. Controlled depth cutting method and apparatus. 4,517,872, 5-21-85, Cl. 85-880.000.
Dontscheff, Helmut, to Boeing Company, The. Cutting method and apparatus for tape laying machines. 4,519,285, 5-28-85, Cl. 83-880.000.
Donuma, Kenichi; Ohashi, Makoto; and Ozeki, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Module for a fiber optic link. 4,539,476, 9-3-85, Cl. 250-227.000.
Donze, Richard J.: *See—*
- McLaughlin, James L.; Custer, Donald J.; and Donze, Richard J., 4,532,791, Cl. 72-275.000.

Donzis, Byron A. Shock absorbing athletic equipment. 4,513,449, 4-30-85, Cl. 2-2.000.
Dooley, James H., to Weyerhaeuser Company. Seed supply system for multiple row sower. 4,491,246, 1-1-85, Cl. 222-129.000.
Dooley, James J.: *See—*
- Halford, Wayne R.; Renger, Larry H.; and Dooley, James J., 4,519,789, Cl. 446-444.000.

Dooley, Jimmy B., to Babcock & Wilcox Company, The. Tool using replaceable bits. 4,545,711, 10-8-85, Cl. 408-197.000.
Dooley, Richard L. Internal combustion engine of improved efficiency. 4,492,212, 1-8-85, Cl. 123-590.000.
Dooley, Thomas: *See—*
- Rowe, William; Dooley, Thomas; and Shah, Ajay, 4,559,401, Cl. 544-216.000.

Doolin, Thomas J. Blending asphaltite with lignite or bituminous coal. 4,494,958, 1-22-85, Cl. 44-1.00G.
Dooling, Joe E. Oil well jack. 4,519,293, 5-28-85, Cl. 91-178.000.
Doorakian, George A.; Paul, Marsha A.; and Gist, Adolphus V., to Dow Chemical Company, The. Process for preparing epoxy resins employing a phosphonium trifluoroacetate catalyst. 4,496,709, 1-29-85, Cl. 528-89.000.
Doorakian, George A.; and Hanafin, Joseph W., to Dow Chemical Company, The. Tetrahydrocarbyl phosphonium salts. 4,540,823, 9-10-85, Cl. 568-10.000.
Doorduin, Adrianus W.: *See—*
- Schoute, Frederik C.; Doorduin, Adrianus W.; and Hooijmans, Jacobus L. M., 4,497,978, Cl. 179-9.000.

Doorley, Daniel: *See—*
- deVreeze, Joop J.; Tijssen, Zwier; and Doorley, Daniel, 4,555,195, Cl. 401-218.000.

Doorley, Richard B.; Henninger, Paul J.; Klages, Chester F., Jr.; and Shetter, Jerrold K., to Trak-Tech, Inc. Railway track lubricator. 4,556,127, 12-3-85, Cl. 184-3.100.
Dopatka, Hans-Detlef, to Behringwerke Aktiengesellschaft. Microtitration plate. 4,545,958, 10-8-85, Cl. 422-102.000.
Dopfer, Peter; Ostermeier, Johann; and Schwerin, Siegfried, to Hoechst Aktiengesellschaft. Azo pigment formulations. 4,515,639, 5-7-85, Cl. 106-288.00Q.
Doppelfeld, Ille-Stephanie: *See—*
- Biedermann, Jurgen; Prop, Gerrit; and Doppelfeld, Ille-Stephanie, 4,518,78[illegible], Cl. 548-353.000.
- Hilboll, Gerd; Doppelfeld, Ille-Stephanie; and Prop, Gerrit, 4,551,455, Cl. 514-252.000.

Dopyera, Emil E.; and Miller, Jack E., to Big-Inch Marine Systems, Inc. Swivel coupling element. 4,530,526, 7-23-85, Cl. 285-261.000.
Dor Seal Limited: *See—*
- Drennan, Frank E., 4,495,739, Cl. 52-308.000.
- Drennan, Frank E., 4,518,446, Cl. 156-63.000.

Doran, Robert W., to Amdahl Corporation. Cellular division circuit. 4,503,512, 3-5-85, Cl. 364-761.000.
Dore, Alain: *See—*
- Barthelat, Rene; and Dore, Alain, 4,491,397, Cl. 350-500.000.

Dore, Jacky; and Moser, Helmut, to Sandoz Ltd. Polyphthalocyanine compounds useful as dyestuffs. 4,499,018, 2-12-85, Cl. 260-245.810.
Dore, Jacques P.; and Guerlet, Bernard G. J., to Societe Anonyme Automobiles Citroen; and Societe Anonyme Automobiles Peugeot. Universal joint having roller tracks supported by resilient members. 4,507,100, 3-26-85, Cl. 464-111.000.
Dore, Jacques P., to Societe Anonyme Automobiles Citroen; and Societe Anonyme Automobiles Peugeot. Universal joint with bellows seal and vent. 4,559,025, 12-17-85, Cl. 464-175.000.
Dorer, Casper J., Jr., to Lubrizol Corporation, The. Organo transition metal salt/ashless detergent-dispersant combinations. 4,505,718, 3-19-85, Cl. 44-66.000.
Dorer, Casper J., Jr.; and Hayashi, Katsumi, to Lubrizol Corporation, The. Hydrocarbyl substituted carboxylic acylating agent derivative containing combinations, and fuels containing same. 4,559,155, 12-17-85, Cl. 252-73.000.
Dorey, James B.; and Tang, Wai-Cheung, to Com Dev Ltd. Bandpass filter with plurality of wave-guide cavities. 4,513,264, 4-23-85, Cl. 333-212.000.
Dorey, John K., II; Schmidt, Steven L.; and Townsend, Wesley P., to AT&T Technologies, Inc. Selective metallization process. 4,537,799, 8-27-85, Cl. 427-259.000.
Dorfel, Werner H.: *See—*
- Bruttel, Beat; Schneider, Hansjorg; and Dorfel, Werner H., 4,560,747, Cl. 534-887.000.

Dorffel, Jorg; Lange, Erhard; Otte, Werner; and Heinrich, Friedrich, to Chemische Werke Huels AG. Naphtha-soluble, hydrogenated alkyl aryl ketone/formaldehyde resins and process for their production. 4,542,194, 9-17-85, Cl. 525-521.000.
Dorgeloh, K. Heinrich W.: *See—*
- Lippmann, K. Reiner; and Dorgeloh, K. Heinrich W., 4,496,972, Cl. 358-109.000.

Doria, Gianfederico; Passarotti, Carlo; Lovisolo, Pier P.; and Buttinoni, Ada, to Farmitalia Carlo Erba S.p.A. Condensed cycloaliphatic derivatives of substituted pyrido[1,2-a]pyrimidines and methods of treating allergic conditions, peptic ulcers and inhibiting gastric acid secretion with them. 4,521,419, 6-4-85, Cl. 514-267.000.
Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, to Farmitalia Carlo Erba S.p.A. Carboxamido-derivatives of 5H-1,3,4-thiadiazolo[3,2-a]pyrimidines, compositions and use. 4,522,944, 6-11-85, Cl. 514-222.000.
Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, to Farmitalia Carlo Erba S.p.A. Substituted 1,3,4-thiadiazolo[3,2-A]pyrimidines and compositions containing them. 4,537,962, 8-27-85, Cl. 544-255.000.
Doria, Gianfederico; Passarotti, Carlo; Arcari, Giuliana; and Buttinoni, Ada, to Farmitalia Carlo Erba S.p.A. Substituted thiazolo[3,2-

- a]pyrimidines and process for their preparation. 4,551,457, 11-5-85, Cl. 514-258.000.
- Doria, Gianfederico; Passarotti, Carlo; and Corno, Maria L., to Farmitalia Carlo Erba S.p.A. Substituted carboxy-thiazolo [3,2-a] pyrimidine derivatives and process for their preparation. 4,558,046, 12-10-85, Cl. 514-227.000.
- Doriath, Gerard; and Gaudry, Roger, to Thomson-CSF. Magnetometer probe using a thin-film magnetic material as a magneto-optic sensor. 4,516,073, 5-7-85, Cl. 324-244.000.
- Dorina Nahmaschinen GmbH: *See—*
  - Meier, Gunter; Meier, Willi; and Hartwig, Jurgen, 4,499,836, Cl. 112-158.00E.
  - Meier, Gunter, 4,561,369, Cl. 112-266.100.
  - Meier, Willi, 4,501,213, Cl. 112-316.000.
  - Meier, Willi, 4,548,144, Cl. 112-465.000.
- Doring, Joachim: *See—*
  - Eichenauer, Herbert; Doring, Joachim; Ott, Karl-Heinz; and Bottenbruch, Ludwig, 4,560,726, Cl. 525-71.000.
  - Zabrocki, Karl; Tiburtius, Christoph; Doring, Joachim; and Richter, Klaus, 4,547,533, Cl. 523-206.000.
- Doring, John D.: *See—*
  - Proctor, Keith J.; and Doring, John D., 4,538,623, Cl. 128-784.000.
- Doris, Geoffrey W.: *See—*
  - Urrea, Peter D.; Doris, Geoffrey W.; and Newman, Stephen D., 4,559,897, Cl. 118-406.000.
- Dorleijn, Jan W. F.: *See—*
  - van der Heijden, Rudolf L. A.; and Dorleijn, Jan W. F., 4,527,097, Cl. 315-246.000.
- Dorler, Jack A.; Mosley, Joseph M.; and Weitzel, Stephen D., to International Business Machines Corporation. Driver circuitry for reducing on-chip Delta-I noise. 4,508,981, 4-2-85, Cl. 307-542.000.
- Dorler, Jack A.: *See—*
  - Bhatia, Harsaran S.; Dorler, Jack A.; Gaur, Santosh P.; Lechaton, John S.; Mosley, Joseph M.; and Srinivasan, Gurumakonda R., 4,535,531, Cl. 29-577.00C.
- Dormal, Marc; and Noiret, Jacques, to Colgate-Palmolive Company. Stabilized enzyme-containing detergent compositions. 4,529,525, 7-16-85, Cl. 252-132.000.
- Dorman, Carl E.: *See—*
  - Choderker, Nathan; Dorman, Carl E.; Richter, Ian; and Driver, Richard, 4,544,058, Cl. 194-102.000.
- Dorman, Frederick S.; and Peers-Trevarton, Charles A., to Cordis Corporation. Electrical connection of wire conductor(s) to a terminal pin in an electrode assembly of a pacing lead. 4,541,681, 9-17-85, Cl. 339-100.000.
- Dorman, Isidore, to ANB Jackets de Puerto Rico. Multi-channel transparent microfilm jacket. 4,523,401, 6-18-85, Cl. 40-159.000.
- Dorman, Linneaus C.; and Stenger, Vernon A., to Dow Chemical Company, The. Absorbents for airborne formaldehyde. 4,517,111, 5-14-85, Cl. 252-186.250.
- Dorman, Linneaus C.; and Meyers, Paul A., to Dow Chemical Company, The. Mineral filled composites. 4,525,495, 6-25-85, Cl. 523-205.000.
- Dorman, William J., to Westinghouse Electric Corp. Interface system for hybrid control loops. 4,555,757, 11-26-85, Cl. 364-165.000.
- Dormandy, Ray H., Jr.; and Coe, Frederick L., to American Hospital Supply Corporation. Implantable metered dose drug delivery system. 4,544,371, 10-1-85, Cl. 604-891.000.
- Dormann, Gunter: *See—*
  - Gude, Fritz; Haferkorn, Herbert; Riemer, Heinz; and Dormann, Gunter, 4,496,710, Cl. 528-114.000.
- Dormish, Jeffrey F.: *See—*
  - Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,156, Cl. 260-453.0SP.
  - Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,157, Cl. 260-453.0SP.
  - Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,158, Cl. 260-453.0SP.
- Dorn, Alfred, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. System for detecting the position of a sheet on its support. 4,518,862, 5-21-85, Cl. 250-561.000.
- Dorn, Conrad P., to Merck & Co., Inc. Prodrug esters of diflunisal and related compounds. 4,542,158, 9-17-85, Cl. 514-512.000.
- Dorn, Conrad P.: *See—*
  - Shen, Tsung-Ying; Jones, Howard; and Dorn, Conrad P., 4,546,106, Cl. 514-345.000.
- Dorn, Franz; Montavon, Francois; and Suchy, Milos, to Hoffmann-La Roche Inc. Pyridine derivatives. 4,556,661, 12-3-85, Cl. 514-277.000.
- Dorn, Friedrich-Wilhelm: *See—*
  - Kuxdorf, Bernhard; Luhr, Peter; Werner, Hugo; Thummler, Ursus; and Dorn, Friedrich-Wilhelm, 4,525,329, Cl. 422-202.000.
  - Wolter, Manfred; Dorn, Friedrich-Wilhelm; Heymer, Gero; and Stephan, Hans-Werner, 4,530,769, Cl. 210-769.000.
- Dorn, Hubert: *See—*
  - von Bittera, Miklos; Federmann, Manfred; von Gizycki, Ulrich; Schapel, Dietmar; Stendel, Wilhelm; Voege, Herbert; and Dorn, Hubert, 4,543,247, Cl. 424-14.000.
  - von Bittera, Miklos; Dorn, Hubert; Schapel, Dietmar; Stendal, Wilhelm; Voege, Herbert; Federman, Manfred; and von Gizycki, Ulrich, 4,544,547, Cl. 424-14.000.
- Dorn, John J.: *See—*
  - Farr, Richard S.; and Dorn, John J., 4,499,733, Cl. 60-611.000.
- Dorn, Peter: *See—*
  - Sung, Rodney L.; Zoleski, Benjamin H.; Herbstman, Sheldon; and Dorn, Peter, 4,505,835, Cl. 252-51.50A.
  - Sung, Rodney L.; Kaufman, Benjamin J.; and Dorn, Peter, 4,518,782, Cl. 548-353.000.
- Dornbusch, Arthur H.: *See—*
  - Nixdorff, Frank S.; and Dornbusch, Arthur H., 4,503,986, Cl. 215-252.000.
- Dornbusch, Paul E., to General Electric Company. Method and apparatus for improved sensing of roll separation force in a rolling mill. 4,491,000, 1-1-85, Cl. 72-8.000.
- Dorner, Karlheinz; and Mohrholz, Kurt, to Ford Motor Company. Unitary clip for retaining control lines on a flange. 4,527,759, 7-9-85, Cl. 248-73.000.
- Dorner, Leonhard: *See—*
  - Schreder, Felix; Dorner, Leonhard; and Wilde, Eugen, 4,538,051, Cl. 219-466.000.
- Dorner, Steven C. Shelf bracket and cooperable locking bracket retainer. 4,534,529, 8-13-85, Cl. 248-222.100.
- Dorner, Steven C.: *See—*
  - Varon, David; Dorner, Steven C.; and Siegal, Burton L., 4,535,525, Cl. 29-463.000.
- Dornes, Bryan J.; and Talarico, Robert J., to AMP Incorporated. Connector insertion tool. 4,555,847, 12-3-85, Cl. 29-739.000.
- Dornes, Bryan J.: *See—*
  - Crowman, Stanley W. T.; Dornes, Bryan J.; Paukovits, Edward J., Jr.; Spong, Richard V.; and Talarico, Robert J., 4,557,044, Cl. 29-741.000.
- Dornier GmbH: *See—*
  - Krojer, Hubert, 4,500,055, Cl. 244-55.000.
  - Proksch, Hans-Jorg; Welte, Dieter; Zimmer, Herbert; and Lotz, Michael, deceased, 4,498,646, Cl. 244-35.00R.
  - Reccius, Helmut; and Ponitzsch, Werner, 4,498,325, Cl. 72-302.000.
  - Roth, Siegfried; and Stenzenberger, Horst, 4,555,426, Cl. 428-113.000.
- Dornier, Peter, to Lindauer Dornier Gesellschaft mbH. Relief means for the drive mechanisms of components alternatingly rocking between two end positions. 4,546,803, 10-15-85, Cl. 139-449.000.
- Dornier System GmbH: *See—*
  - Forssmann, Bernd; Wess, Othmar; Zech, Hendrik; and Chaussy, Christian, 4,530,358, Cl. 128-328.000.
  - Forssmann, Bernd; Hepp, Wolfgang; Hoff, Guenter; and Chaussy, Christian, 4,539,989, Cl. 128-328.000.
  - Forssmann, Bernd; Gerth, Hans-Heinrich; Zech, Hendrik; and Chaussy, Christian, 4,552,348, Cl. 269-324.000.
  - Gieraths, Wolfgang, 4,523,196, Cl. 343-17.700.
  - Knepper, Udo, 4,521,778, Cl. 343-13.00R.
  - Kock, Wulf; Schmidberger, Rainer; and Wagner, Wolfgang, 4,498,395, Cl. 102-517.000.
  - Rottenbacher, Reinhard, 4,499,360, Cl. 219-85.00H.
  - Schmidt, Wolfgang; and Longo, Jose M., 4,524,928, Cl. 244-35.00R.
  - Westphal, Manfred, 4,511,901, Cl. 343-915.000.
- Dornik, Luciano: *See—*
  - Geat, Mario; and Dornik, Luciano, 4,560,377, Cl. 604-68.000.
- Doron, Benjamin: *See—*
  - Assaf, Gad; and Doron, Benjamin, 4,498,300, Cl. 60-641.800.
- Dorony, Elmer F.: *See—*
  - French, Robert J.; and Dorony, Elmer F., 4,547,026, Cl. 312-201.000.
- Dorosz, Adolph S., to USM Corporation. Pallet nibbler. 4,516,456, 5-14-85, Cl. 83-578.000.
- Dorosz, Adolph S. Pallet nibbler method. 4,522,092, 6-11-85, Cl. 83-40.000.
- Doroszkowski, Andrew, to Imperial Chemical Industries PLC. Electrophoretic coating process. 4,512,861, 4-23-85, Cl. 204-181.00R.
- Dorow, Joachim, to Albert-Frankenthal AG. Apparatus for holding printing plates on the cylinder of a printing press. 4,546,702, 10-15-85, Cl. 101-415.100.
- Dorow, Joachim: *See—*
  - Bernauer, Joachim; Dorow, Joachim; and Gobel, Primin, 4,552,068, Cl. 101-415.100.
- Dorow, Rainer; Horowski, Reinhard; Kehr, Wolfgang; and Wachtel, Helmut, to Schering Aktiengesellschaft. Trans-dihydrolisuride antipsychotic. 4,522,820, 6-11-85, Cl. 424-288.000.
- Dorpinghaus, Herbert; and Eikermann, Gerhard. Method of making dental prostheses. 4,548,582, 10-22-85, Cl. 433-213.000.
- Dorpmund, Willi; and Kreienbrink, Volker, to Graaff, Kommanditgesellschaft. Device for locking pivotally mounted corner posts of loading platforms. 4,527,765, 7-9-85, Cl. 248-346.000.
- Dorr, George D.: *See—*
  - Lansinger, Jere R.; Dorr, George D.; and Farago, Paul L., 4,550,675, Cl. 116-28.100.
- Dorr, Henning: *See—*
  - Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.
- Dorr, John A., to Xecutek Corporation. Restaurant management information and control method and apparatus. 4,530,067, 7-16-85, Cl. 364-900.000.
- Dorr, John A., to Xecutek Corporation. Efficient low cost transducer system. 4,530,077, 7-16-85, Cl. 367-140.000.
- Dorr, Karl-Heinz: *See—*
  - Dittmar, Heinz; Beckmann, Manfred; Dorr, Karl-Heinz; Rothe, Ulrich; and Sander, Ulrich, 4,533,537, Cl. 423-522.000.
- Dorr-Oliver Incorporated: *See—*
  - Angevine, Peter A.; Bengtsson, Sune; and Koudijs, George P., 4,544,542, Cl. 423-555.000.
  - Freeman, Mark P., deceased, 4,552,019, Cl. 73-584.000.
  - Klinkowski, Peter R., 4,513,032, Cl. 427-336.000.

  Lenac, Nevio, 4,551,248, Cl. 210-404.000.
  Lewis, Kenneth D.; and Potts, Timothy A., 4,548,545, Cl. 415-90.000.
  Spilkin, Gordon; Eichler, Jack H.; and Kos, Peter, 4,528,103, Cl. 210-791.000.
  Willus, Charles A.; Kosonen, Vaino J.; and Sanchez, Dale R., 4,525,274, Cl. 210-232.000.
Dorr, William C.; Hybarger, Kenneth C.; and Yurkinas, James A., to Kent Products, Inc. Vehicle tire carrier. 4,535,973, 8-20-85, Cl. 254-323.000.
Dorr, Wolfgang; Gradel, Gerhard; Peehs, Martin; Schafer, Reinhard; and Sondermann, Thomas, to Kraftwerk Union Aktiengesellschaft; and Reaktor Brennelement Union GmbH. Method for manufacturing oxidic sintered nuclear fuel bodies. 4,512,939, 4-23-85, Cl. 264-0.500.
Dorre, Erhard; Prussner, Peter; and Zichner, Ludwig, to Feldmuhle Aktiengesellschaft. Implantable elbow joint. 4,538,306, 9-3-85, Cl. 623-20.000.
Dorre, Erhard: *See—*
  Brinkmann, Egon; Putenat, Mandred; and Dorre, Erhard, 4,518,357, Cl. 433-173.000.
Dorrian, Philip J.: *See—*
  Livorsi, Carl F.; Wucik, Joseph A., Jr.; Dorrian, Philip J.; and Struzik, Lawrence F., 4,508,315, Cl. 251-173.000.
Dorries, Peter; and Wahl, Helmut, to Cassella Aktiengesellschaft; and Theodor Hymmen KG. Amino resin dispersions. 4,532,292, 7-30-85, Cl. 524-598.000.
Dorries, Peter; and Wahl, Helmut, to Cassella Aktiengesellschaft; and Theodor Hymmen KG. Carrier materials coated with amino resin dispersions, and their further processing into laminates. 4,533,590, 8-6-85, Cl. 428-211.000.
Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, to Cassella Aktiengesellschaft. Modified aminoplast, its preparation and its use. 4,535,031, 8-13-85, Cl. 428-481.000.
Dorrough Electronics: *See—*
  Dorrough, Michael L.; and Gold, Kenneth S., 4,528,501, Cl. 324-103.00P.
Dorrough, Michael L.; and Gold, Kenneth S., to Dorrough Electronics. Dual loudness meter and method. 4,528,501, 7-9-85, Cl. 324-103.00P.
Dorsch, Dieter, to Grittmann, Gunter. Device for the dosed diffusion of gases in liquids. 4,518,543, 5-21-85, Cl. 261-64.00B.
Dorsch, Heinz; Hofbauer, August; and Steinbeck, Herbert, to Dr. Ing. h.c.F. Porsche AG. Continuously operating fuel injection system. 4,523,568, 6-18-85, Cl. 123-453.000.
Dorsch, Robert; and Matusz, Arnold J., to Alpha-Debon Industries, Inc. Air scrubbing system. 4,515,073, 5-7-85, Cl. 98-115.200.
Dorsch, Werner, to Bayerische Motoren Werke Aktiengesellschaft. Heating and/or air-conditioning installation for motor vehicles. 4,560,106, 12-24-85, Cl. 236-91.00E.
Dorschner, Terry A., to Raytheon Company. Enhanced magnetic mirror. 4,525,028, 6-25-85, Cl. 350-377.000.
Dorschner, Terry A.: *See—*
  Smith, Irl W.; and Dorschner, Terry A., 4,548,501, Cl. 356-350.000.
Dorsett, Danny R.; and Smith, Gerald D., Jr. Bolt-light bulb combination. 4,523,259, 6-11-85, Cl. 362-120.000.
Dorsey, Edmund. Jewelry clutch. 4,543,695, 10-1-85, Cl. 24-662.000.
Dorsey-Palmateer, John W.: *See—*
  Baukol, David E.; and Dorsey-Palmateer, John W., 4,533,870, Cl. 324-158.00D.
Dorsman, Adrian K., to Rockwell International Corporation. Floating precision current source. 4,528,495, 7-9-85, Cl. 323-268.000.
Dorso Trailer Sales, Inc.: *See—*
  Becker, David A., 4,501,437, Cl. 280-704.000.
Dorst Maschinen-und Anlagenbau Otto Dorst und Dipl.-Ing. Walter Schlegel & Co.: *See—*
  Suffa, Hilmar, 4,518,341, Cl. 425-405.00H.
D'Ortenzio, Remo J.: *See—*
  Crean, Peter A.; D'Ortenzio, Remo J.; and Grow, Carolyn P., 4,520,455, Cl. 364-900.000.
Dory, Thomas S., to Olin Corporation. Use of selected beta-nitroalkenes as cetane number boosters for diesel fuel. 4,561,862, 12-31-85, Cl. 44-57.000.
Doryokuro Kakunenryo Kaihatsu Jigyodan: *See—*
  Kanbe, Mitsuru, 4,511,315, Cl. 417-366.000.
  Kanbe, Mitsuru, 4,534,712, Cl. 417-366.000.
  Kubota, Kanya; Yamana, Hajimu; and Takeda, Seiichiro, 4,526,658, Cl. 203-13.000.
  Otsubo, Akira, 4,495,137, Cl. 376-171.000.
  Ozaki, Satoru, 4,495,141, Cl. 376-251.000.
Dos Santos, Joseph A., to Continental Conveyor & Equipment Co., Inc. Pressure device for conveyor. 4,561,537, 12-31-85, Cl. 198-628.000.
Dosaka, Akira, to Ikari Machine Tools Co., Ltd. Method and apparatus for winding wires. 4,491,281, 1-1-85, Cl. 242-4.00R.
Dosaka, Shinichi: *See—*
  Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, 4,533,220, Cl. 350-507.000.
Dosch, Robert G.; Stephens, Howard P.; and Stohl, Frances V., to United States of America, Energy. Catalysis using hydrous metal oxide ion exchanges. 4,511,455, 4-16-85, Cl. 208-10.000.
Doscher, Frank: *See—*
  Klein, Joachim; Widdecke, Hartmut; Doscher, Frank; and Pohl, Fritz, 4,522,952, Cl. 521-31.000.
Doscher, Todd M. Enhanced steam drive recovery of heavy oil. 4,516,636, 5-14-85, Cl. 166-272.000.
Dose, Peter: *See—*
  Lampe, Siegfried; Lehmann, Heinz; and Dose, Peter, 4,511,300, Cl. 414-35.000.
Dosemagen, Thomas H.: *See—*
  Simpson, Neville H.; Dosemagen, Thomas H.; and Dirks, David E., 4,490,969, Cl. 57-217.000.
Doshak, John M.: *See—*
  Hergenrother, William L.; and Doshak, John M., 4,506,050, Cl. 524-143.000.
Dosimeter Corporation of America: *See—*
  Reuter, Frederick A.; and Moorman, Charles J., 4,506.159, Cl. 250-377.000.
Dossekker, Bruno, to Sodecom SA. Reed mouthpiece for musical wind instrument. 4,517,875, 5-21-85, Cl. 84-383.00R.
Dost, Carole. Swim suit construction. 4,490,856, 1-1-85, Cl. 2-67.000.
Dostert, Philippe L.; Imbert, Thierry F.; and Bucher, Bernard P., to Delalande S.A. 4-amino-5-bromo-2-methoxy-N-[8-(benzyl)]-8-azabicyclo[3.2.1]-3-YL-benzamide or a pharmacologically acceptable acid addition salt thereof. 4,536,580, 8-20-85, Cl. 546-124.000.
Dostert, Philippe L.: *See—*
  Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.
  Moinet, Gerard H.; Dostert, Philippe L.; and Bourgery, Guy R., 4,504,663, Cl. 546-144.000.
Dostert, Phillippe L.: *See—*
  Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.
Dostes, Jacques: *See—*
  Chiotasso, Pierre; and Dostes, Jacques, 4,492,183, Cl. 119-51.130.
Dostmann GmbH & Co. KG: *See—*
  Marterer, Karl, 4,543,824, Cl. 73-386.000.
Doswald, Paul; Moriconi, Emil; Moser, Helmut; and Schmid, Horst, to Sandoz Ltd. Metal-free disazo compounds containing at least two basic water-solubilizing groups and having a 1-phenylpyrazole middle component radical and a 6-hydroxyprid-2-one terminal coupling component. 4,550,158, 10-29-85, Cl. 534-605.000.
Doteuchi, Masami: *See—*
  Adachi, Ikuo; Yamamori, Teruo; Ueda, Motohiko; and Doteuchi, Masami, 4,562,256, Cl. 546-120.000.
Dotsch, Horst: *See—*
  Beckmann, Friedrich K.; Dotsch, Horst; and Gossel, Dieter, 4,559,467, Cl. 313-359.100.
Dotson, Billy J.: *See—*
  Odeh, Aziz S.; and Dotson, Billy J., 4,493,369, Cl. 166-261.000.
Dotson, Jarvis L., to Gulf & Western Manufacturing Company. Vehicle parking brake self-adjusting control mechanism. 4,515,036, 5-7-85, Cl. 74-535.000.
Dotson, Robert N.; Davies, Robert B.; and Miller, Ira, to Motorola, Inc. Current sense circuit for a bubble memory voltage booster. 4,514,648, 4-30-85, Cl. 307-350.000.
Dotson, Robert N.: *See—*
  Davies, Robert B.; Miller, Ira; and Dotson, Robert N., 4,504,928, Cl. 365-11.000.
  Davies, Robert B.; Miller, Ira; and Dotson, Robert N., 4,554,464, Cl. 307-265.000.
  Miller, Ira; Null, Michael W.; and Dotson, Robert N., 4,501,974, Cl. 307-246.000.
  Null, Michael W.; Dotson, Robert N.; and Davis, Robert B., 4,501,979, Cl. 307-494.000.
Dotson, Ronald L.: *See—*
  Woodard, Kenneth E., Jr.; and Dotson, Ronald L., 4,513,904, Cl. 228-116.000.
  Woodard, Kenneth E., Jr.; and Dotson, Ronald L., 4,534,846, Cl. 204-290.00R.
Dotter, Charles T. Transluminally placed expandable graft prosthesis. 4,503,569, 3-12-85, Cl. 3-1.400.
Dotti, Enrico; and Mariani, Beniamino, to Societa Cavi Pirelli S.p.A. Apparatus for manufacturing an optical fiber cable with optical fibers in grooves in the cable core. 4,497,164, 2-5-85, Cl. 57-6.000.
Dotti, Enrico, to Societa Cavi Pirelli S.p.A. Method and apparatus for forming grooves in an optical fiber support. 4,528,148, 7-9-85, Cl. 264-1.500.
Dotti, Giulio; and Roggero, Bruno, to Fiat Auto S.p.A. Flow control valve for hydraulic circuits. 4,527,592, 7-9-85, Cl. 137-625.610.
Dotti, Giulio; Moretti, Luciano; and Costelli, Ugo, to Centro Ricerche Fiat S.p.A. Pressure control valve for an open hydraulic circuit. 4,531,707, 7-30-85, Cl. 251-44.000.
Doty, Allen W.: *See—*
  Tilley, George L.; and Doty, Allen W., 4,497,785, Cl. 423-263.000.
Doty, Gerald A., to Gateway Industries, Inc. Seat belt retractors. 4,498,642, 2-12-85, Cl. 242-107.40A.
Doty, Gerald A.; and Hunter, William E., Jr., to Gateway Industries, Inc. Safety belt buckle. 4,550,474, 11-5-85, Cl. 24-633.000.
Doty, Gerald A., to Gateway Industries, Inc. Snubbing slip ring. 4,558,887, 12-17-85, Cl. 280-802.000.
Doty, John S., to Hughes Aircraft Company. Electromagnetic energy signal-carrying connector having secure strain-relief mechanism. 4,493,529, 1-15-85, Cl. 350-96.200.
Doty, John S, to Hughes Aircraft Company. Tool for optically finishing multiple mounted optical fibers. 4,498,260, 2-12-85, Cl. 51-217.00R.
Doty, Verle L.: *See—*
  Otto, Stanislaus J., and Doty, Verle L., 4,497,400, Cl. 198-468.000.

Dotzer, Richard; and Lechner, Ernst-Friedrich, to Siemens Aktiengesellschaft. Heat-removing circuit boards. 4,495,378, 1-22-85, Cl. 174-68.500.

Douaud, Andre; and Rialan, Joseph, to Institut Francais du Petrole. Method for the automatic adjustment of the ignition initiation control time in an internal combustion engine. 4,549,513, 10-29-85, Cl. 123-425.000.

Double E Company Inc.: *See—*
- Keith, Robert D., 4,519,620, Cl. 279-2.00R.
- Young, Lawrence C., 4,492,346, Cl. 242-72.100.

Double-W Stationery Corporation: *See—*
- Cohen, Lewis, 4,552,478, Cl. 402-39.000.

Doucet, Joel R.: *See—*
- Serres, Bernard M.; and Doucet, Joel R., 4,549,170, Cl. 340-568.000.

Doucet, Jos: *See—*
- Overbergh, Noel M. M.; Doucet, Jos; and Vansant, Jan, 4,521,470, Cl. 428-36.000.

Doucette, Adrian R.: *See—*
- Lindig, Charles E.; Brandstetter, Robert W.; and Doucette, Adrian R., 4,522,466, Cl. 350-162.120.

Douche, Jean-Pierre: *See—*
- Coulon, Jean-Claude; and Douche, Jean-Pierre, 4,562,095, Cl. 427-180.000.

Doudet, Michel, to Clecim. Processes and devices for the drawing of tubes by extrusion. 4,522,052, 6-11-85, Cl. 72-265.000.

Doueihi, Mikhael S.; and Gay, Kenneth W., to Caterpillar Tractor Co. Electronic speed sensor. 4,529,932, 7-16-85, Cl. 324-161.000.

Doug Nash Equipment & Engineering: *See—*
- Frost, Barry L., 4,539,856, Cl. 74-363.000.

Dougherty, Delford O., to St. Luke's Hospital. Eye dropper with light source. 4,515,295, 5-7-85, Cl. 222-113.000.

Dougherty, Delford O., to St. Luke's Hospital. Drop dispenser. 4,553,686, 11-19-85, Cl. 222-212.000.

Dougherty, Edward F.; Scates, Mark O.; and Paul, James L., to Celanese Corporation. Process for production of ethyl acrylate. 4,507,495, 3-26-85, Cl. 560-205.000.

Dougherty, Edward F.; and Scates, Mark O., to Celanese Corporation. Stabilized ethylenically unsaturated organic compositions. 4,542,231, 9-17-85, Cl. 560-4.000.

Dougherty, Emery W.; Heyde, John B.; Bennett, Richard J.; Smith, Roy L.; Tateosian, Louis H.; and Eden, George T., to Dentsply Research & Development Corp. Methods for posterior dental restoration employing light curable packable compositions. 4,514,174, 4-30-85, Cl. 433-226.000.

Dougherty, John J., to General Electric Company. Transceiver circuit for interfacing between a power line communication system and a data processor. 4,510,611, 4-9-85, Cl. 375-8.000.

Dougherty, John J., to General Electric Company. Circuit breaker static trip unit having automatic circuit trimming. 4,550,360, 10-29-85, Cl. 361-93.000.

Dougherty, Joseph P., to EMCEE A Division of Electronics, Missiles & Communications, Inc. Portable TV transmitter. 4,504,861, 3-12-85, Cl. 358-143.000.

Dougherty, Richard L.: *See—*
- Varga, Sandor I.; Dougherty, Richard L.; Dandy, Donny C.; and Thomas, Willie J., 4,511,158, Cl. 280-292.000.

Dougherty, Timothy S.: *See—*
- Astfalk, Greg; Dougherty, Timothy S.; and Viriyayuthakorn, Montri, 4,512,944, Cl. 264-174.000.

Doughman, Charles L.: *See—*
- Shuey, Kenneth C.; and Doughman, Charles L., 4,500,837, Cl. 324-102.000.

Doughty, Carolyn A., to AT&T Bell Laboratories. Method and apparatus for sending a data message to a selected station during a silent interval between ringing. 4,551,581, 11-5-85, Cl. 179-2.00A.

Doughty, Christine A.: *See—*
- Tsang, Chin-Fu; and Doughty, Christine A., 4,559,818, Cl. 73-154.000.

Doughty, Dennis J.: *See—*
- Seymour, Raymond K.; Palmieri, Joseph M.; Ashline, William J.; and Doughty, Dennis J., 4,513,268, Cl. 335-35.000.

Doughty, Elexsis D., to Procter & Gamble Company, The. Bleach cake in an improved bleach resistant particle retaining means. 4,513,459, 4-30-85, Cl. 4-222.000.

Doughty, Robert L.: *See—*
- Duga, Robert J.; Kulig, Constantine W.; Doughty, Robert L.; Douglas, Robert J.; and Andersen, Robert P., 4,551,163, Cl. 65-129.000.

Douglas, Alan D.; and Reilly, Kenneth T., to GTE Products Corporation. Recovery of rhenium. 4,521,381, 6-4-85, Cl. 423-49.000.

Douglas, Alan D.; Reilly, Kenneth T.; and Landmesser, John E., to GTE Products Corporation. Recovery of rhenium. 4,557,906, 12-10-85, Cl. 423-49.000.

Douglas, Brian, to Subscan Systems Ltd. Pipeline vehicle. 4,537,136, 8-27-85, Cl. 104-138.00G.

Douglas, Bruce S.; and Westergart, Chester V., to Test Point 1, Inc. In-circuit test apparatus for printed circuit board. 4,538,104, 8-27-85, Cl. 324-158.00F.

Douglas, Donald J., to MDS Health Group Limited. Method and apparatus for sampling a plasma into a vacuum chamber. 4,501,965, 2-26-85, Cl. 250-288.000.

Douglas, Ellwood S.: *See—*
- Mosher, Oren A.; and Douglas, Ellwood S., 4,529,050, Cl. 177-1.000.
- Mosher, Oren A.; Mosher, Oren G.; and Douglas, Ellwood S., 4,533,007, Cl. 177-50.000.
- Mosher, Oren A.; and Douglas, Ellwood S., 4,534,428, Cl. 177-1.000.
- Mosher, Oren A.; and Douglas, Ellwood S., 4,535,856, Cl. 177-1.000.
- Mosher, Oren A.; Mosher, Oren G.; and Douglas, Ellwood S., 4,550,792, Cl. 177-25.000.

Douglas, Eric C.: *See—*
- Prince, Dennis; and Douglas, Eric C., 4,549,710, Cl. 248-183.000.

Douglas, George H.: *See—*
- Diamond, Julius; and Douglas, George H., 4,515,718, Cl. 260-239.00B.

Douglas-Hamilton, Diarmaid H., to Hamilton Farm. Method and device for cooling, preserving and safely transporting biological material. 4,530,816, 7-23-85, Cl. 422-1.000.

Douglas, Jack E., to Arthur Shaw Manufacturing Limited. Fastener for sliding doors or windows. 4,500,122, 2-19-85, Cl. 292-161.000.

Douglas, Lawrence M., to Polaroid Corporation. Integral self-developing film unit and system for use thereof. 4,545,663, 10-8-85, Cl. 354-304.000.

Douglas, Robert D. Train defect detecting and enunciating system. 4,491,290, 1-1-85, Cl. 246-169.00A.

Douglas, Robert E. Step and repeat photo mask apparatus. 4,529,298, 7-16-85, Cl. 355-53.000.

Douglas, Robert J.: *See—*
- Braithwaite, David; Walker, Richard A.; Bystrianyk, Wasyl; Scott, Paul F.; and Douglas, Robert J., 4,557,746, Cl. 65-163.000.
- Duga, Robert J.; Kulig, Constantine W.; Doughty, Robert L.; Douglas, Robert J.; and Andersen, Robert P., 4,551,163, Cl. 65-129.000.
- Walker, Richard A.; and Douglas, Robert J., 4,506,923, Cl. 294-87.100.

Douglass, Miriam L.: *See—*
- Steltenkamp, Robert J.; Douglass, Miriam L.; and Natarelli, Gerard E., 4,547,361, Cl. 424-49.000.
- Steltenkamp, Robert J.; Douglass, Miriam L.; and Natarelli, Gerard E., 4,562,064, Cl. 424-49.000.

Douglass, Randle; Jacquin, H. George; Chewey, Paul M.; Galvan, Paul A.; and Naragon, Richard S. Dual pressure solid propellant control system. 4,550,888, 11-5-85, Cl. 244-3.220.

Douillard, Alain: *See—*
- Camps, Marcel; Douillard, Alain; Dubois, Jean-Claude; Gazard, Maryse; Montheard, Jean-Pierre; Pascal, Thierry; and Seytre, Gerard, 4,508,639, Cl. 252-500.000.

Douillard, Roger. Urinal. 4,549,321, 10-29-85, Cl. 4-301.000.

Douineau, Pierre: *See—*
- Chaouloff, Michel; Bernicot, Michel; Douineau, Pierre; and Boret, Roger, 4,519,416, Cl. 137-488.000.

Douji, Ryuhachirou: *See—*
- Suzuki, Etsuji; Uno, Shinichi; Chiyoda, Kiyomu; and Douji, Ryuhachirou, 4,549,206, Cl. 358-106.000.

Douke, Harumi: *See—*
- Iwata, Masayosi; Douke, Harumi; and Sawada, Hiroyuki, 4,543,456, Cl. 200-61.540.

Douklias, Nikolaos, to Siemens Aktiengesellschaft. Method for testing specimens. 4,501,492, 2-26-85, Cl. 356-73.100.

Douklias, Nikolaos; and Grabmaier, Josef, to Siemens Aktiengesellschaft. Method for manufacturing glass from the gas phase. 4,537,611, 8-27-85, Cl. 65-18.200.

Doulton Industrial Products Limited: *See—*
- Taylor, Derek; Howlett, Stephen P.; Farr, Howard J.; and Tickle, Barbara L., 4,495,302, Cl. 501-125.000.

Doulton, Romm; and Chapman, Robert A. Portable information device having an output related to natural physical events. 4,512,667, 4-23-85, Cl. 368-10.000.

Douma, Willem A. S.: *See—*
- Haisma, Jan; Larsen, Poul K.; De Jong, Tim; Van der Veen, Johannes F.; Douma, Willem A. S.; and Saris, Frans W., 4,554,030, Cl. 148-175.000.

Doup, Leonard W., to Toro Company, The. Electromechanical irrigation controller. 4,506,702, 3-26-85, Cl. 137-624.200.

Dourdeville, Theodore A.; and Lymneos, Anthony, to Millipore Corporation. Passive fluid mixing system. 4,534,659, 8-13-85, Cl. 366-338.000.

Doussain, Claude: *See—*
- Gauthier-Lafaye, Jean; Perron, Robert; and Doussain, Claude, 4,511,517, Cl. 260-549.000.

Douta, Kikuo: *See—*
- Matsuzawa, Toshiharu; Douta, Kikuo; Iwayanagi, Takao; and Yanazawa, Hiroshi, 4,536,421, Cl. 427-282.000.

Douthit, C. Staton; and Kirby, Edward R., to Associated Truss Company. Heavy load conveyor system. 4,522,547, 6-11-85, Cl. 414-391.000.

Douthitt Corporation: *See—*
- Maher, Robert J.; and Tooson, Ronald, 4,551,016, Cl. 355-91.000.

Doutre, Alton G.: *See—*
- Huffman, James; Brandt, Kim; and Doutre, Alton G., 4,553,892, Cl. 414-121.000.

Doutre, Don A.; and Guthrie, Roderick I. L., to Limca Research Inc. Method and apparatus for the detection and measurement of particulates in molten metal. 4,555,662, 11-26-85, Cl. 324-71.400.

Doutt, Kingsley A. Cylinder piston rod coupler. 4,511,276, 4-16-85, Cl. 403-77.000.

Douty, Donald L., to United States Steel Corporation. Grouting composition cartridge. 4,516,884, 5-14-85, Cl. 405-261.000.

Douty, George H.; Landis, John M.; and Snyder, Clair W., Jr., to AMP Incorporated. Intercard-extraction means. 4,537,454, 8-27-85, Cl. 339-45.00M.
Douty, George H.: *See—*
  Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,506,940, Cl. 339-17.0LC.
  Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,550,960, Cl. 339-14.00R.
Douville, Jean-Pierre: *See—*
  Rouly, Eric; and Douville, Jean-Pierre, 4,498,386, Cl. 101-40.000.
Douwe Egberts Koninklijke Tabaksfabriek-Koffiebranderijen-Theehandel B.V.: *See—*
  Mooiweer, Gerben D., 4,495,211, Cl. 426-422.000.
  Thijssen, Henricus A. C.; and van der Malen, Bernardus G. M., 4,491,462, Cl. 62-542.000.
  Thijssen, Henricus A. C.; and van der Malen, Bernardus G. M., 4,508,553, Cl. 62-541.000.
Douwe Egberts Koninklijke Tabaksfabrien-Koffiebranderijen-Theehandel B.V.: *See—*
  Noomen, Pieter J., 4,550,858, Cl. 222-1.000.
Douziech, Patrick; and Imbert, Michel, to Thomson-CSF. Circuit and process for chrominance decoding with analog or digital delay line in a television system of a pal or secam type. 4,553,156, 11-12-85, Cl. 358-24.000.
Douziech, Patrick; and Imbert, Michel, to Thomson-CSF. Method and circuit for frequency and phase locking a local oscillator for television. 4,561,014, 12-24-85, Cl. 358-25.000.
Douzon, Colette A.: *See—*
  Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.
  Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.
Dovan, Hoai T.; and Hutchins, Richard D., to Union Oil Company of California. Continuous permeability reduction in subterranean reservoirs. 4,534,412, 8-13-85, Cl. 166-295.000.
Dove, Derek B.; Makowka, Claus D.; and Street, Ramon L., to International Business Machines Corporation. Resistive ribbon thermal transfer printing system and process. 4,557,616, 12-10-85, Cl. 400-120.000.
Dove, Georges: *See—*
  Giddey, Claude; and Dove, Georges, 4,525,372, Cl. 426-564.000.
Dove, Norman F. Slice lip control. 4,517,055, 5-14-85, Cl. 162-344.000.
Dove, Robert L., to Degesch GmbH. Tablet dispenser. 4,548,336, 10-22-85, Cl. 221-203.000.
Dover Corporation: *See—*
  Boeckman, Paul A.; and Young, Dennis L., 4,519,578, Cl. 251-163.000.
  Greenburg, Jimmy L., 4,518,150, Cl. 251-306.000.
  Guertin, Robert W., 4,497,350, Cl. 141-206.000.
  McMath, Jack A., 4,519,635, Cl. 285-93.000.
  Olmsted, Daniel C.; and Kroll, Quin D., 4,543,979, Cl. 137-315.000.
  Raloff, Valgene E., 4,554,432, Cl. 219-137.430.
  Sunderhaus, Charles A., 4,557,302, Cl. 141-207.000.
Dover, Donald L.; and Leitch, William J., to Robbins & Myers, Inc. Ceiling fan and outlet box support. 4,513,994, 4-30-85, Cl. 248-544.000.
Doveri, Carlo, to Piaggio & C. S.p.A. Tension-adjusting device for toothed driving belts subjected to wide temperature differentials. 4,521,208, 6-4-85, Cl. 474-101.000.
Dovertie, Ralph G.: *See—*
  Otteblad, Sven I.; and Dovertie, Ralph G., 4,498,408, Cl. 114-52.000.
Dovey, Dennis J. Camera support. 4,526,308, 7-2-85, Cl. 224-265.000.
Dow Chemical, Belgium, S.A.: *See—*
  Otte, Joseph N. A., 4,523,960, Cl. 127-46.200.
Dow Chemical Company, The: *See—*
  Abramson, Harold C., Jr., 4,538,953, Cl. 414-608.000.
  Adaway, Timothy J.; Fravel, Harold G., Jr.; and Easterly, James P., Jr., 4,525,496, Cl. 523-337.000.
  Adriaans, Jan L. J.; and Dees, Pieter G., 4,496,698, Cl. 526-64.000.
  Akers, James B., Jr.; Leng, Douglas E.; and Normand, Randall J., 4,524,189, Cl. 525-35.00G.
  Alberino, Louis M.; Regelman, Dale F.; and Vespoli, Nancy P., 4,552,945, Cl. 528-62.000.
  Alderman, Daniel A.; and Zweigle, Maurice L., 4,528,125, Cl. 252-522.00A.
  Anand, Joginder N.; Revak, Timothy T.; and Rossini, Frank J., 4,510,681, Cl. 29-623.100.
  Arndt, Kim E.; Rogers, Richard B.; and McCormick, Ronald W., 4,522,642, Cl. 71-11.000.
  Arndt, Kim E.; McCormick, Ronald W.; and Rogers, Richard B., 4,523,940, Cl. 71-11.000.
  Arndt, Kim E.; Rogers, Richard B.; and McCormick, Ronald W., 4,545,803, Cl. 71-27.000.
  Au, Andrew T., 4,546,189, Cl. 546-300.000.
  Barker, Michael, 4,517,776, Cl. 52-90.000.
  Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., 4,530,749, Cl. 204-296.000.
  Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., 4,557,810, Cl. 204-98.000.
  Behr, Raymond D., 4,515,647, Cl. 156-91.000.
  Behr, Raymond D.; and Zieke, Larry M., 4,562,027, Cl. 264-146.000.
  Bell, David R.; and Miller, Theodore E., Jr., 4,533,643, Cl. 436-178.000.
  Bergman, Roger W., 4,511,464, Cl. 209-166.000.
  Berman, Jody R.; Bertram, James L.; and Whiteside, Ross C., Jr., 4,528,359, Cl. 528-109.000.
  Bieler, Barrie H.; and Tsang, Floris Y., 4,505,995, Cl. 429-104.000.
  Birch, James R., 4,530,979, Cl. 526-64.000.
  Bissonnette, Harold S., 4,515,218, Cl. 166-328.000.
  Blake, Donald M., Jr., 4,507,426, Cl. 524-505.000.
  Bruschtein, Fabio B.; Jahn, Robert G.; and Wittbrodt, Edwin L., 4,537,916, Cl. 523-201.000.
  Bruza, Kenneth J., 4,529,556, Cl. 260-465.00K.
  Bubeck, Robert A.; and Arends, Charles B., 4,521,569, Cl. 525-316.000.
  Burba, John L., III, 4,540,509, Cl. 252-184.000.
  Burson, Richard L., 4,517,368, Cl. 546-303.000.
  Campbell, Kent D.; Gulbenkian, Aylin H.; Edamura, Fred Y.; and Kyriacou, Demetrios, 4,496,440, Cl. 204-78.000.
  Campman, Keith S.; and Ernst, William B., 4,513,625, Cl. 73-861.720.
  Cavitt, Michael B.; and Moore, Charles H., 4,530,948, Cl. 523-454.000.
  Cavitt, Michael B.; and Duncan, David J., 4,544,731, Cl. 528-89.000.
  Cavitt, Michael B.; and Wassberg, Neal L., 4,552,814, Cl. 428-414.000.
  Chang, Feng-Chih; Busby, David E.; and Wernl, Susan A., 4,533,764, Cl. 568-724.000.
  Chen, Augustin T.; and Onder, Kemal, 4,547,547, Cl. 524-538.000.
  Chonde, Yohannes, 4,537,911, Cl. 521-28.000.
  Christen, Jimmie D.; and Taylor, Henry B., III, 4,521,548, Cl. 521-167.000.
  Clarke, Donald H., 4,519,816, Cl. 55-59.000.
  Cleereman, Kenneth J.; Raspor, O. Carl; and Burmester, Alan F., 4,510,108, Cl. 264-119.000.
  Clifford, David P.; and Sewell, Robert A., 4,529,819, Cl. 564-44.000.
  Clouse, Robert C.; and Pews, R. Garth, 4,496,773, Cl. 568-730.000.
  Coffey, M. Dewayne; Kelly, Mary Y.; and Kennedy, Weldon C., Jr., 4,493,775, Cl. 252-8.55C.
  Coleman, William M., III; and Edmondson, Morris S., 4,525,556, Cl. 526-125.000.
  Coleman, William M., III; and Edmondson, Morris S., 4,528,339, Cl. 526-127.000.
  Coleman, William M., III; and Edmondson, Morris S., 4,554,333, Cl. 526-127.000.
  Coleman, William M., III; and Edmondson, Morris S., 4,555,497, Cl. 502-115.000.
  Collins, Guy R., 4,534,903, Cl. 260-465.50R.
  Collins, Guy R., 4,542,232, Cl. 560-064.000.
  Constien, Vernon G.; and King, Milton T., 4,541,935, Cl. 252-8.55R.
  Cook, Frank T.; Nutt, Michael O.; and Hsieh, Hsin H., 4,500,717, Cl. 548-229.000.
  Corbett, John M.; and Neumann, Fred W., 4,544,682, Cl. 521-142.000.
  Cortes, Hernan J.; and Davis, James C., 4,529,521, Cl. 210-635.000.
  Couvillion, Mark C., 4,493,906, Cl. 502-346.000.
  Crump, Druce K.; Simon, Jaime; and Wilson, David A., 4,500,356, Cl. 106-90.000.
  Crump, Druce K.; and Wilson, David A., 4,518,777, Cl. 544-337.000.
  Dai, Shenghong A.; Grossman, Steven J.; and Onder, Kemal, 4,550,157, Cl. 528-322.000.
  Damrow, Paul A.; and Tsang, Floris Y., 4,509,254, Cl. 29-623.500.
  Dang, Hiep D.; Beaver, Richard N.; Spillers, Frank W.; and Hazelrigg, Mark J., Jr., 4,497,112, Cl. 29-825.000.
  Davis, James C., 4,549,965, Cl. 210-635.000.
  DeRoche, Pierre; and Kirby, Neil V., 4,548,976, Cl. 524-249.000.
  Doorakian, George A.; Paul, Marsha A.; and Gist, Adolphus V., 4,496,709, Cl. 528-89.000.
  Doorakian, George A.; and Hanafin, Joseph W., 4,540,823, Cl. 568-10.000.
  Dorman, Linneaus C.; and Stenger, Vernon A., 4,517,111, Cl. 252-186.250.
  Dorman, Linneaus C.; and Meyers, Paul A., 4,525,495, Cl. 523-205.000.
  Earl, Robert B.; Larson, David B.; and Nguyen, Huy X., 4,509,598, Cl. 166-308.000.
  Eilers, Louis H., 4,548,270, Cl. 166-291.000.
  Eilers, Louis H., 4,556,109, Cl. 166-295.000.
  Erickson, Robert E., 4,500,585, Cl. 428-152.000.
  Esneault, Calvin P.; Fuentes, Ricardo, Jr.; and Meiske, Larry A., 4,530,915, Cl. 502-115.000.
  Evani, Syamalarao; Oswald, James H.; Staples, Thomas L.; and Polak, Brent T., 4,535,098, Cl. 521-149.000.
  Ezzell, Bobby R.; Carl, William P.; and Mod, William A., 4,515,989, Cl. 568-674.000.
  Ezzell, Bobby R.; Carl, William P.; and Mod, William A., 4,554,112, Cl. 260-543.00F.
  Falardeau, Edward R.; Frisch, Kurt C., Jr.; and Lock, Michele R., 4,507,410, Cl. 523-211.000.
  Falardeau, Edward R., 4,543,127, Cl. 106-18.290.
  Fazio, Michael J.; and Paisley, Kirk E., 4,500,728, Cl. 560-222.000.
  Fazio, Michael J., 4,532,303, Cl. 525-344.000.
  Fazio, Michael J., 4,532,304, Cl. 525-385.000.

Feay, Darrell C., 4,548,991, Cl. 525-146.000.
Fellmann, Jere D.; Garrou, Philip E.; Withers, Howard P., Jr.; and Seyferth, Dietmar, 4,536,589, Cl. 556-14.000.
Finch, Charles R.; Wallace, Leslie E.; and Evans, Thomas E., 4,544,706, Cl. 525-146.000.
Fisk, Thomas E., 4,493,908, Cl. 521-137.000.
Fisk, Thomas E., 4,500,675, Cl. 524-762.000.
Fravel, Harold G., Jr.; and Fazio, Michael J., 4,539,416, Cl. 549-496.000.
Freedman, Harold H., 4,530,905, Cl. 435-177.000.
Friedli, Hans R.; and Lau, Philip Y., 4,556,506, Cl. 252-512.000.
Frulla, Floro F.; Stuber, Fred A.; and Whitman, Peter J., 4,550,188, Cl. 560-24.000.
Fuentes, Ricardo, Jr.; and Esneault, Calvin P., 4,526,943, Cl. 526-133.000.
Fuentes, Ricardo, Jr.; and Esneault, Calvin P., 4,529,715, Cl. 502-115.000.
Fuentes, Ricardo, Jr.; and Esneault, Calvin P., 4,544,647, Cl. 502-115.000.
Fujie, Akira; and Hisamatsu, Minoru, 4,493,788, Cl. 252-511.000.
Fujioka, George S.; and Fung, Alexander P., 4,546,192, Cl. 546-345.000.
Garces, Juan M., 4,499,320, Cl. 585-467.000.
Garner, Joseph L., 4,547,570, Cl. 536-84.000.
Gatlin, Janice E.; VanDort, Mark A.; and Volkmann, Curtis L., 4,547,577, Cl. 546-345.000.
Gessell, Donald E.; Gibbs, Ronald L.; and Fuentes, Ricardo, Jr., 4,496,660, Cl. 502-111.000.
Gilpin, Jo Ann; and Lindy, Lowell B., 4,562,280, Cl. 560-103.000.
Glass, Sarah M., 4,529,791, Cl. 528-196.000.
Glass, Sarah M.; and Edmondson, Morris S., 4,547,475, Cl. 502-115.000.
Greenawalt, Eddie L., 4,512,138, Cl. 53-451.000.
Greene, Bettye W.; and Chen, Sun-Lin, 4,506,057, Cl. 524-461.000.
Gross, James R., 4,493,818, Cl. 423-240.000.
Haigh, Daniel H.; and Larson, Edwin G., 4,529,656, Cl. 428-402.000.
Hanafin, Joseph W., 4,501,874, Cl. 528-103.000.
Harmon, Zita T. K.; and Dechow, Frederick J., 4,543,261, Cl. 426-271.000.
Haschke, Elliot M.; Gimber, Gerald A.; and Groves, Kenneth O., 4,532,024, Cl. 208-11.0LE.
Hay, Robert A., II; and Krause, Brian W., 4,499,749, Cl. 72-325.000.
Hay, Robert A., II. 4,505,662, Cl. 425-329.000.
Hefner, Robert E., Jr., 4,496,688, Cl. 525-44.000.
Hefner, Robert E., Jr., 4,506,063, Cl. 528-96.000.
Hefner, Robert E., Jr., 4,515,934, Cl. 528-92.000.
Hefner, Robert E., Jr., 4,517,131, Cl. 260-465.00F.
Hefner, Robert E., Jr.; Martin, Patrick H.; and Stevens, Gregory A., 4,524,178, Cl. 525-28.000.
Hefner, Robert E., Jr., 4,539,377, Cl. 525-401.000.
Hefner, Robert E., Jr., 4,540,745, Cl. 525-401.000.
Hefner, Robert E., Jr., 4,540,829, Cl. 568-634.000.
Hefner, Robert E., Jr., 4,544,704, Cl. 525-108.000.
Hefner, Robert E., Jr., 4,546,129, Cl. 523-456.000.
Hefner, Robert E., Jr., 4,546,131, Cl. 523-466.000.
Hefner, Robert E., Jr., 4,555,553, Cl. 525-523.000.
Hefner, Robert E., Jr., 4,555,554, Cl. 525-531.000.
Hefner, Robert E., Jr.; and White, Mary N., 4,555,563, Cl. 528-96.000.
Hefner, Robert E., Jr., 4,558,115, Cl. 528-92.000.
Hefner, Robert E., Jr., 4,559,399, Cl. 528-120.000.
Hefner, Robert E., Jr.; and Hunter, Douglas L., 4,560,768, Cl. 548-435.000.
Henslee, Walter W.; and Foster, Stephen L., 4,514,518, Cl. 502-229.000.
Hickner, Richard A.; and Cavitt, Michael B., 4,507,412, Cl. 523-454.000.
Hinkel, Jerald J., 4,560,486, Cl. 252-8.55R.
Hiyoshi, Kazuhiko; Matsuura, Norio; Matsuguchi, Michiharu; Onofusa, Norio; and Nishikage, Tadao, 4,535,120, Cl. 524-560.000.
Hoenig, Stephen M.; Flores, David P.; and Ginter, Sally P., 4,532,187, Cl. 428-457.000.
Hoffman, Dwight K., 4,513,124, Cl. 525-452.000.
Holderegger, Rolf; and Jilek, Josef H., 4,528,127, Cl. 525-530.000.
Humphreys, Paula L.; and Okorley, Jonathan A., 4,532,111, Cl. 423-22.000.
Hunter, Douglas L., 4,514,380, Cl. 423-417.000.
Hurps, Richard L.; and Suh, Kyung W., 4,559,367, Cl. 521-79.000.
Im, Jang-hi; and Shrum, William E., 4,540,623, Cl. 428-220.000.
Inoue, Kimio; Hoyer, Gale G.; and Bates, Stanley I., 4,514,574, Cl. 564-424.000.
Ishibe, Nobuyuki; Thomas, Renard L.; and Tasset, Emmett L., 4,533,653, Cl. 502-242.000.
Jakubowski, James J., 4,507,409, Cl. 523-205.000.
Jernigan, Robert T., 4,528,817, Cl. 60-641.200.
Johnson, Mark R., 4,504,628, Cl. 525-278.000.
Johnson, Mark R., 4,539,159, Cl. 260-465.00F.
Johnson, Oscar; and Luecke, Robert A., 4,518,681, Cl. 430-532.000.
Johnston, Howard; and Troxell, Lillian H., 4,491,468, Cl. 71-94.000.
Johnston, Howard; and Troxell, Lillian H., 4,523,017, Cl. 546-302.000.
Johnston, Howard; and Troxell, Lillian H., 4,551,170, Cl. 71-94.000.
Jones, Edward M., 4,542,221, Cl. 546-345.000.
Jones, Mark B.; and Fowler, Allan E., 4,530,704, Cl. 55-48.000.
Kadota, Takao; Hashimoto, Masayuki; and Hamada, Itsuo, 4,552,904, Cl. 521-145.000.
Kamp, Arthur J., 4,506,543, Cl. 73-61.00R.
Kar, Kishore K., 4,519,924, Cl. 252-35.000.
Kernstock, John M.; Johnson, Earl H.; and Vaughn, Bertha R., 4,552,685, Cl. 252-355.000.
Kershner, Larry D., 4,521,626, Cl. 564-487.000.
Keskey, William H.; Schuetz, James E.; and Lee, Do I., 4,508,869, Cl. 524-808.000.
Keskkula, Henno; McCreedy, Kathleen M.; and Maass, Donald A., 4,508,871, Cl. 525-78.000.
Killat, George R.; and Wilson, Larry R., 4,536,552, Cl. 525-451.000.
Kirchhoff, Robert A., 4,540,763, Cl. 526-281.000.
Kleschick, William A., 4,515,956, Cl. 548-230.000.
Kleschick, William A., 4,532,328, Cl. 546-302.000.
Klun, Robert T.; Murchison, Craig B.; and Hucul, Dennis A., 4,554,391, Cl. 570-231.000.
Knee, William R.; and Cutie , Sergio S., 4,544,768, Cl. 564-206.000.
Koster, Robert A.; and Traugott, Tom D., 4,530,973, Cl. 525-310.000.
Kruper, William J., Jr.; and Swart, Daniel J., 4,500,704, Cl. 528-405.000.
Kurfman, Virgil B., 4,510,208, Cl. 428-624.000.
Kyriacou, Demetrios; and Brattesani, Donald N., 4,533,454, Cl. 204-272.000.
Lancaster, Gerald M.; and Hoenig, Stephen M., 4,532,100, Cl. 264-564.000.
Larson, David L., 4,543,414, Cl. 548-239.000.
LaTulip, Randy J., 4,500,690, Cl. 525-502.000.
Laursen, Larry J.; and Prueter, Elton D., 4,520,547, Cl. 29-469.500.
Leathers, Joel F. M.; and Calvin, Donald W., 4,508,538, Cl. 23-313.00R.
Leathers, Joel M., 4,527,430, Cl. 73-745.000.
Lee, George A., 4,523,982, Cl. 204-159.150.
Lee, John M.; and Bauman, William C., 4,522,951, Cl. 521-28.000.
Leng, Douglas E.; Sigelko, Wilmer L.; and Saunders, Frank L., 4,502,888, Cl. 106-170.000.
Louks, David H.; Thompson, Leonard R.; and Muench, Wayne C., 4,547,597, Cl. 568-779.000.
Lysenko, Zenon; and Pews, R. Garth, 4,562,009, Cl. 260-465.600.
Malhotra, Sudarhshan K.; and Orvik, Jon A., 4,499,277, Cl. 546-346.000.
Malhotra, Sudarshan K., 4,497,652, Cl. 71-94.000.
Malhotra, Sudarshan K.; and Orvik, Jon A., 4,499,276, Cl. 546-346.000.
Malhotra, Sudarshan K., 4,539,039, Cl. 71-94.000.
Malhotra, Sudarshan K.; and Gerwick, B. Clifford, III, 4,547,218, Cl. 71-94.000.
Mani, Inder, 4,521,494, Cl. 428-514.000.
Mani, Inder; and Gunderman, Glen L., 4,539,373, Cl. 525-203.000.
Markley, Lowell D.; Tong, Yulan C.; and Wood, Steven G., 4,505,929, Cl. 514-520.000.
Marshall, Cary S.; and Troyer, Scott D., 4,497,697, Cl. 204-73.00R.
McCarthy, James R.; and Widner, Paul J., 4,496,725, Cl. 544-184.000.
McCormick, Ronald W.; and Rogers, Richard B., 4,545,802, Cl. 71-27.000.
McCreedy, Kathleen M.; and Hilton, Kenneth R., 4,493,927, Cl. 528-381.000.
McCreedy, Kathleen M.; Pawloski, James C.; Keskkula, Henno; and Yonkers, Edward H., 4,547,530, Cl. 521-139.000.
McCullough, Thomas W.; and Stevens, Bradley D., 4,515,907, Cl. 521-139.000.
McFadden, Russell T., 4,540,752, Cl. 525-531.000.
McIntyre, James A.; and Phillips, Robert F., 4,496,437, Cl. 204-24.000.
McIntyre, James A.; and Phillips, Robert F., 4,511,441, Cl. 204-98.000.
McIntyre, James A.; and Phillips, Robert F., 4,534,845, Cl. 204-283.000.
McKinley, Mark J.; and Sheridan, Dan P., 4,500,670, Cl. 524-445.000.
McKinley, Mark J.; and Sanner, Jim W., 4,511,477, Cl. 210-689.000.
McKinley, Mark J.; and Applegath, Douglas D., 4,526,240, Cl. 175-72.000.
McKinney, Linda M.; and McKinney, Osborne K., 4,515,846, Cl. 428-95.000.
McKinney, Linda M.; and McKinney, Osborne K., 4,525,405, Cl. 428-95.000.
McKinney, Osborne K.; and Flores, David P., 4,500,664, Cl. 524-119.000.
McKinney, Osborne K.; and Flores, David P., 4,529,764, Cl. 524-232.000.
Mendoza, Abel; and Otterbacher, Eric W., 4,511,731, Cl. 560-061.000.
Meyer, Louis W., 4,500,442, Cl. 252-182.000.
Meyer, Wilfred C.; and Jakubowski, James J., 4,523,991, Cl. 209-166.000.
Miller, Theodore E., Jr., 4,491,024, Cl. 73-861.050.
Miller, Theodore E., Jr., 4,527,421, Cl. 73-64.400.
Miller, Theodore E., Jr.; and Small, Hamish, 4,532,811, Cl. 73-861.050.
Morris, Gregory J. E.; Grosshandler, Sandor; Beaver, Richard N.; Pimlott, John R.; and Dang, Hiep D., 4,560,452, Cl. 204-98.000.
Murchison, Craig B., 4,539,334, Cl. 518-717.000.

Nafziger, John L.; Snyder, Mark A.; and Mobley, Larry W., 4,552,902, Cl. 521-129.000.
Nafziger, John L.; Snyder, Mark A.; and Mobley, Larry W., 4,552,903, Cl. 521-137.000.
Nafziger, John L.; Rader, Laura A.; and Seward, Irwin J., Jr., 4,554,378, Cl. 564-332.000.
Nankee, Robert J.; Vivian, Thomas A.; and Groves, Kenneth O., 4,543,364, Cl. 521-40.000.
Nelson, Donald L.; and Lamont, Mary H., 4,525,544, Cl. 525-531.000.
Noding, Stephen A., 4,543,173, Cl. 204-263.000.
Nuckels nee Byth, Nancy J.; and Thompson, James L., 4,532,051, Cl. 252-8.55D.
Ogoe, Samuel A., 4,532,284, Cl. 524-169.000.
Olstowski, Franciszek; and Peffley, Richard D., 4,521,330, Cl. 252-51.50R.
Otterbacher, Eric W., 4,528,394, Cl. 560-061.000.
Paalman, H. Hunter; and Drapeau, Denis, 4,500,500, Cl. 423-224.000.
Park, Chung P., 4,528,300, Cl. 521-79.000.
Park, Chung P.; and Suh, Kyung W., 4,532,265, Cl. 521-147.000.
Park, Chung P.; and Suh, Kyung W., 4,535,094, Cl. 521-79.000.
Park, Chung P., 4,554,293, Cl. 521-81.000.
Parks, Christ F.; and Nimerick, Kenneth H., 4,501,775, Cl. 427-220.000.
Pawloski, Chester E.; and Ginter, Sally P., 4,496,494, Cl. 260-977.000.
Pawloski, Chester E.; and Ginter, Sally P., 4,510,101, Cl. 260-928.000.
Pawloski, Chester E.; and Ginter, Sally P., 4,556,710, Cl. 544-214.000.
Pedersen, David R.; and Tong, Curtis M., 4,523,464, Cl. 73-216.000.
Pedjac, Joseph J., 4,521,633, Cl. 568-639.000.
Peet, Norton P.; and Sunder, Shyam, 4,526,890, Cl. 514-248.000.
Pews, Richard G., 4,493,929, Cl. 544-242.000.
Phillips, Dorothy J., 4,534,969, Cl. 424-118.000.
Phillips, Dorothy J., 4,543,357, Cl. 514-361.000.
Pickelman, Dale M.; and Yats, Larry D., 4,544,697, Cl. 524-458.000.
Pimlott, John R., 4,561,959, Cl. 204-253.000.
Pischke, James W.; McFadden, Russell T.; Krause, Ruben L.; and Moore, Charles H., 4,560,736, Cl. 526-312.000.
Poindexter, Graham S., 4,505,859, Cl. 260-453.00P.
Price, Robert W., 4,535,803, Cl. 137-375.000.
Prier, Donald G., 4,528,364, Cl. 528-370.000.
Prud'homme, Robert K.; Stanley, Frederick W., Jr.; and Langhorst, Martin A., 4,532,043, Cl. 210-635.000.
Purinton, Robert J., Jr., 4,537,700, Cl. 252-315.100.
Purinton, Robert J., Jr., 4,543,131, Cl. 134-8.000.
Reierson, Robert L.; Hussey, Hugh F.; and Woo, Edmund P., 4,501,679, Cl. 252-77.000.
Reifschneider, Walter; and Larson, Larry L., 4,558,039, Cl. 514-86.000.
Renga, James M., 4,529,544, Cl. 260-239.00A.
Renga, James M.; Periana-Pillai, Roy A.; and Frazier, Kevin A., 4,554,372, Cl. 560-161.000.
Rickle, Gregory K., 4,530,939, Cl. 521-110.000.
Rigterink, Raymond H.; and Bisabri-Ershadi, Barat, 4,518,804, Cl. 564-442.000.
Rigterink, Raymond H.; and Sbragia, Ronald J., 4,536,341, Cl. 260-453.0AR.
Rogers, Richard B.; and Gerwick, B. Clifford, III, 4,550,192, Cl. 560-62.000.
Roodvoets, David L., 4,559,263, Cl. 428-312.400.
Rose, Gene D.; Dennis, Kent S.; and Evani, Syamalarao, 4,505,827, Cl. 252-8.55R.
Rose, Gene D., 4,534,875, Cl. 252-71.000.
Rubens, Louis C., 4,532,264, Cl. 521-146.000.
Schmidt, Donald L.; Klingler, Thomas C.; and Wessling, Ritchie A., 4,528,384, Cl. 549-78.000.
Schmidt, Donald L.; and Harris, Robert F., 4,554,325, Cl. 525-326.800.
Schols, John A.; and Yu, Keechung, 4,559,375, Cl. 523-449.000.
Scott, Laurie J.; Erickson, Robert E.; and Wallace, Theodore C., 4,529,739, Cl. 521-72.000.
Settineri, William J.; Charles, John G.; Hinkel, Jerald J.; and Malone, Bradley P., 4,536,222, Cl. 134-5.000.
Shipley, Randall S., 4,496,661, Cl. 502-115.000.
Simon, Jaime; Crump, Druce K.; and Wilson, David A., 4,500,469, Cl. 260-502.50E.
Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., 4,508,704, Cl. 424-14.000.
Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., 4,515,767, Cl. 424-1.100.
Simon, Jaime; Wilson, David A.; Volkert, Wynn A.; and Crump, Druce K., 4,560,548, Cl. 424-1.100.
Skach, Edward J., Jr., 4,500,349, Cl. 75-0.50B.
Skach, Edward J., Jr., 4,519,758, Cl. 425-6.000.
Skach, Edward J., Jr.; and Cobel, George B., 4,559,084, Cl. 75-0.50B.
Snyder, Kenneth L., Jr.; and Peters, James, 4,493,777, Cl. 252-49.300.
So, Ying-Hung, 4,495,036, Cl. 204-59.00R.
Solc, Jitka, 4,532,153, Cl. 427-131.000.
Stack, Eugene V., 4,538,638, Cl. 137-375.000.
Stanley, Frederick W., Jr., 4,524,175, Cl. 524-831.000.
Stevens, James C.; and Perettie, Donald J., 4,548,686, Cl. 204-158.0HA.
Stevens, Rex R., 4,533,508, Cl. 264-22.000.
Stevens, Timothy S.; and Langhorst, Martin A., 4,519,905, Cl. 210-198.200.
Strange, Carl P.; Martin, Harold B., Jr.; and Tsang, Albert C., 4,537,958, Cl. 536-85.000.
Sumner, William C., Jr.; Hoyer, Gale G.; and Kozak, William G., 4,505,885, Cl. 423-592.000.
Sun, Yun C., 4,524,180, Cl. 525-71.000.
Sutton, Tonja R.; and Hughes, David W., 4,495,309, Cl. 521-51.000.
Swearingen, Loren L.; and LaTulip, Randy J., 4,515,938, Cl. 528-252.000.
Swearingen, Loren L.; Heinsohn, Alfred W.; Snook, Craig W.; Embrey, Wallace E.; and McConchie, Garnet E., 4,559,110, Cl. 203-37.000.
Tasset, Emmett L.; Dallessandro, Susan M.; and Richey, Warren F., 4,524,011, Cl. 252-171.000.
Tasset, Emmett L., 4,530,601, Cl. 356-36.000.
Termine, Enrico J.; and Ginter, Sally P., 4,511,688, Cl. 524-380.000.
Thomas, Lowell S.; and Paige, William P., 4,497,920, Cl. 524-57.000.
Thomas, Lowell S., 4,558,081, Cl. 524-100.000.
Thomas, Robert C.; Caldwell, Robert D.; and Doner, Douglas E., 4,507,183, Cl. 204-98.000.
Thomson, Timothy; and Glomski, Ronald L., 4,541,965, Cl. 260-505.00C.
Tomalia, Donald A.; and Dewald, James R., 4,507,466, Cl. 528-332.000.
Tomalia, Donald A.; and Wilson, Larry R., 4,517,122, Cl. 260-239.30R.
Tomalia, Donald A.; and Buchholz, Fredric L., 4,529,803, Cl. 548-354.000.
Tomalia, Donald A.; and Dewald, James R., 4,558,120, Cl. 528-363.000.
Tong, Yulan C., 4,558,134, Cl. 514-344.000.
Tonokawa, Hiroshi; and Nakamura, Masao, 4,510,268, Cl. 521-146.000.
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Dowbenko, Rostyslaw; Stewart, Raymond S.; Hartman, Marvis E.; Gorman, Barbara; and Thomas, Stephen J., to PPG Industries, Inc. Color plus clear coating method utilizing addition interpolymers containing alkoxy silane and/or acyloxy silane groups. 4,499,151, 2-12-85, Cl. 428-447.000.
Dowbenko, Rostyslaw; and Greigger, Barbara A., to PPG Industries, Inc. Lactam derived salts of sulfonic acids as latent acid catalysts. 4,550,137, 10-29-85, Cl. 525-31.000.
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Dowden, Barry F.; Barclay, Donald J.; and Kirkman, David H., to International Business Machines Corporation. Method and electrolytic display for selectively displaying an image. 4,526,441, 7-2-85, Cl. 350-357.000.
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Dowling, Donald J.; Richter, Albert P., Jr.; Warren, Wayne F.; and Arnold, Dan M., to Texaco Inc. In-situ permeability determining method. 4,495,805, 1-29-85, Cl. 73-155.000.

Dowling, Edward C.; and Fortuna, Jon A., to AMP Incorporated. Polarized ribbon cable connector having circuit components therein. 4,508,399, 4-2-85, Cl. 339-17.0CF.

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Down, William H., to Electrovert Ltd. Wave-soldering of printed circuit boards. 4,530,457, 7-23-85, Cl. 228-180.200.

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Downey, Gale D.; and Jones, Charles E., to FMC Corporation. Homogeneous laundry detergent slurries containing nonionic surface-active agents. 4,537,708, 8-27-85, Cl. 252-554.000.

Downey, Gale D.; and Jones, Charles E., to FMC Corporation. Homogeneous laundry detergent slurries containing amphoteric surface-active agents. 4,544,494, 10-1-85, Cl. 252-135.000.

Downey, Holmes A., to Reliance Electric Company. Elastomeric shear shaft coupling. 4,536,170, 8-20-85, Cl. 464-80.000.

Downey, Philip L. Helmut strap fastener. 4,559,679, 12-24-85, Cl. 24-615.000.

Downey, Robert E.; and Downey, Claudine K. Rebuilt pillow and method of manufacturing the same. 4,508,044, 4-2-85, Cl. 112-262.200.

Downey, William J.; and Brauer, Melvin, to CasChem, Inc. Extended polyurethanes. 4,533,598, 8-6-85, Cl. 428-380.000.

Downey, William L., to Schlage Lock Company. Releasable hold-open device for a door closer. 4,506,407, 3-26-85, Cl. 16-48.500.

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Downing, Gerald T.; and Schaefer, Karl P., to W. H. Brady Co. Carrier for hinged support of pages. 4,500,223, 2-19-85, Cl. 402-20.000.

Downing, Gerald T.; and Gyllstrom, Gregory W., to W. H. Brady Co. Cable clamp with alignment means. 4,535,960, 8-20-85, Cl. 248-74.500.

Downing, Jack G.; Dewald, Erwin W.; and Hayes, David, to Downing Displays, Inc. Display devices for displaying fishing poles and fishing reels. 4,560,071, 12-24-85, Cl. 211-70.800.

Downing, Richard S.: *See—*

Casper, Mark S.; Downing, Richard S.; Steidel, Leonard R.; and Braungart, Robert E., 4,529,114, Cl. 225-100.000.

Downs, David A.; and Tecle, Haile, to Warner-Lambert Company. Diphenylmethylene piperidines. 4,540,780, 9-10-85, Cl. 544-129.000.

Downs, Edgar S. Strap-type wrench for removing rotatable closures or similar members. 4,532,833, 8-6-85, Cl. 81-64.000.

Downs, Michael J. Surface profile interferometer. 4,534,649, 8-13-85, Cl. 356-351.000.

Downs, Robert E.; and Schwallie, Ambrose L., to United States of America, Energy. Fuel rod support grid. 4,547,335, 10-15-85, Cl. 376-442.000.

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Islam, Abul B. M. A.; and Bevan, David R., 4,543,966, Cl. 128-754.000.

Downs, William; and Rackley, John M., to Babcock & Wilcox Company, The. Combustion of coal-water slurries. 4,558,652, 12-17-85, Cl. 110-347.000.

Dowty Hydraulic Units Limited: *See—*

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Dowty Mining Equipment Limited: *See—*

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Freeman, Reginald E.; and Berry, Alan J., 4,491,441, Cl. 405-294.000.

Rutherford, Dennis F.; and Blackmore, Keith D., 4,492,495, Cl. 405-294.000.

Waters, John H., 4,512,686, Cl. 405-293.000.

Dowzall, Martin E.; and Houssian, Vazgen J., to Esselte Pendaflex Corporation. Layout boards. 4,513,511, 4-30-85, Cl. 33-447.000.

Dowzall, Martin E.; and Houssian, Vazgen J., to Esselte Pendaflex Corporation. Apparatus for use with dry transfer lettering sheets. 4,539,759, 9-10-85, Cl. 33-184.500.

Dowzall, Martin E., to Esselte Pendaflex Corporation. Production of colored legends. 4,542,039, 9-17-85, Cl. 427-149.000.

Doyel, John S. Two-motor, battery-operated mixer-pourer. 4,497,580, 2-5-85, Cl. 366-190.000.

Doyel, John S. Sewing box. 4,504,000, 3-12-85, Cl. 223-107.000.

Doyel, John S. Portable, hand-held steaming or pressing device. 4,536,977, 8-27-85, Cl. 38-77.830.

Doyen, Daniel, to U.S. Philips Corporation. Magnetic circuit for an yttrium-iron garnet crystal resonator for an oscillator. 4,516,096, 5-7-85, Cl. 333-219.000.

Doyle, Arthur; and Freeman, Frank M., to E. R. Squibb & Sons, Inc. Adhesive composition resistant to biological fluids. 4,551,490, 11-5-85, Cl. 524-22.000.

Doyle, Barry N.: *See—*

Weir, Donald R.; Masters, Ian M.; Doyle, Barry N.; and Chalkley, Michael E., 4,545,963, Cl. 423-26.000.

Doyle, Edward J., to Conair Corporation. Hot air curler having a remote air inlet and a slide switch and actuating arm within its handle. 4,520,256, 5-28-85, Cl. 219-225.000.

Doyle, Gerald; Pruett, Roy L.; and Savage, David W., to Exxon Research & Engineering Co. Separation and recovery of carbon monoxide by copper (I) complexes. 4,508,694, 4-2-85, Cl. 423-246.000.

Doyle, Gerald; Eriksen, Kenneth A.; and Pruett, Roy L., to Exxon Research & Engineering Co. Bimetallic carbonyl hydroformylation catalysts. 4,551,543, 11-5-85, Cl. 556-14.000.

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Doyle, Keith H. Water ski bindings. 4,522,603, 6-11-85, Cl. 441-70.000.

Doyle, Patrick. Bar or rod or tube frame multi-position assembly clamp. 4,536,102, 8-20-85, Cl. 403-390.000.

Doyle, Ralph R.; and Zimmer, Robert E., to Buehler Ltd. Abrasive slurry supply system for use in metallographic sample preparation. 4,513,894, 4-30-85, Cl. 222-644.000.

Doyle, Rexford. Clothes-line. 4,519,509, 5-28-85, Cl. 211-119.130.

Doyle, Richard C.; and Rivera, Lester, to Leviton Manufacturing Company, Inc. Remote control system. 4,518,945, 5-21-85, Cl. 340-310.00A.

Doyle, Richard C.: *See—*

Isbister, Jenefir D.; and Doyle, Richard C., 4,562,156, Cl. 435-253.000.

Doyle, Richard H.; and Fiori, Lee B., to Duo-Fast Corporation. Fastener driving tool. 4,523,646, 6-18-85, Cl. 173-15.000.

Doyle, Stephen D.; and Bulso, Joseph D., Jr., to Redicon Corporation. Method and apparatus for removing drawn container from draw horn. 4,506,534, 3-26-85, Cl. 72-345.000.

Doyle, Stephen D.: *See—*

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Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,516,420, Cl. 72-329.000.

Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,535,618, Cl. 72-349.000.

Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,549,424, Cl. 72-329.000.

Doyle, Terrence W.: *See—*

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Schmitz, Henry; Kaneko, Takushi; Essery, John M.; and Doyle, Terrence W., 4,552,971, Cl. 549-332.000.

Doyle, Walter M., to Laser Precision Corporation. Interferometer spectrometer having improved scanning reference point. 4,537,508, 8-27-85, Cl. 356-346.000.

Doyle, Walter M., to Laser Precision Corporation. Dual beam fourier spectrometer. 4,538,910, 9-3-85, Cl. 356-346.000.

Doyle, Walter M., to Laser Precision Corporation. Alignment apparatus and method for interferometer spectrometers. 4,544,272, 10-1-85, Cl. 356-346.000.

Doyle, Walter M., to Laser Precision Corporation. Interferometer spectrometer having simplified scanning motion control. 4,556,316, 12-3-85, Cl. 356-346.000.

Doyle, William D., to Felt Products Mfg. Co. High temperature resistant gasket having improved recovery characteristics. 4,519,619, 5-28-85, Cl. 277-235.00B.

Dozer, Charles S., to Charles S. Dozer Enterprises, Inc. Train system with variably tilting rail. 4,491,073, 1-1-85, Cl. 104-95.000.

Dozier, Jose J., to Delta Recherche et Developpement. Method and installation for monitoring the temperature in a greenhouse. 4,507,929, 4-2-85, Cl. 62-79.000.

Dozier, William. Table game puck. 4,555,114, 11-26-85, Cl. 273-128.00R.

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Shinzawa, Motohiro; Arai, Motomi; Roppongi, Shomatsu; Dozono, Kichihiko; and Hasegawa, Yoji, 4,538,413, Cl. 60-303.000.

Dozono, Tetsuro: *See—*

Katsumata, Tsutomu; and Dozono, Tetsuro, 4,541,964, Cl. 260-465.300.

Dozsa, Laszlo; Pelencei, Jeno; and Somodi, Gyula, to Telefongyar. Anti-slip fixing device for ribbon-type straps and cables. 4,548,460, 10-22-85, Cl. 339-107.000.

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- Drabek, Jozef, to Ciba-Geigy Corporation. Pesticidal N-methyl-carbamic acid esters. 4,532,256, 7-30-85, Cl. 514-469.000.
- Drabek, Jozef: *See—*
  - Boger, Manfred; and Drabek, Jozef, 4,515,798, Cl. 514-341.000.
  - Boger, Manfred; and Drabek, Jozef, 4,550,108, Cl. 514-232.000.
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- Draber, Wilfried: *See—*
  - Regel, Erik; Draber, Wilfried; Buchel, Karl H.; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,559,077, Cl. 71-76.000.
  - Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,517,011, Cl. 71-92.000.
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- Drabick, Joseph P.: *See—*
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- Drabing, Richard B., to Amtel Systems Corporation. Power line communication system utilizing a local oscillator. 4,538,136, 8-27-85, Cl. 340-310.00R.
- Drabouski, Stephen J., Jr. Moment stability system for large vessels. 4,549,267, 10-22-85, Cl. 364-463.000.
- Drabowitch, Serge, to Thomson-CSF. Waveguide having radiating slots and a wide frequency band. 4,513,291, 4-23-85, Cl. 343-771.000.
- Drabowitch, Serge; and Leterrier, Guy, to Thomson-CSF. Assembly of main and auxiliary electronic scanning antennas and radar incorporating such an assembly. 4,544,925, 10-1-85, Cl. 343-18.00E.
- Drabsch, Karl S. Tenon joint for wooden frames. 4,493,582, 1-15-85, Cl. 403-382.000.
- Drach, Edward. Security cap assembly and actuator. 4,526,193, 7-2-85, Cl. 137-296.000.
- Drackett Company, The: *See—*
  - Delia, Anthony, 4,516,683, Cl. 215-211.000.
  - Jones, David A.; and Maust, Daniel A., 4,541,139, Cl. 15-171.000.
  - Lammert, James E.; Nichols, Charles E.; and Howard, John R., 4,538,318, Cl. 15-171.000.
  - Requejo, Luz P.; and Butke, Charles J., 4,511,489, Cl. 252-172.000.
  - Richards, Randall G., 4,530,118, Cl. 4-228.000.
  - Rowekamp, Patricia A., 4,535,906, Cl. 215-329.000.
  - Shaer, Elias H., 4,518,694, Cl. 435-188.000.
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- Draexler, Adolf, to Chemische Werke Huels AG. Composite materials and composite building elements based on EP(D)M. 4,551,392, 11-5-85, Cl. 428-495.000.
- Draft Systems, Inc.: *See—*
  - Fallon, Merton R., 4,509,663, Cl. 222-400.700.
  - Fallon, Merton R., 4,520,953, Cl. 222-396.000.
  - Smith, Terry W.; and Fallon, Timothy R., 4,554,864, Cl. 99-340.000.
- Draftex Development AG: *See—*
  - Ginster, Helmut, 4,530,192, Cl. 52-397.000.
  - Weimar, Erich, 4,542,610, Cl. 49-491.000.
- Drag Specialties, Inc.: *See—*
  - Stahel, Alwin J., 4,535,649, Cl. 74-551.900.
- Dragagna, Claudio; and Locatelli, Claudio, to Fratelli Marzoli & C. S.P.A. Control device for opening fiber bales. 4,493,131, 1-15-85, Cl. 19-80.00R.
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- Dragagna, Claudio: *See—*
  - Locatelli, Claudio; and Dragagna, Claudio, 4,510,646, Cl. 19-80.00R.
- Dragan, William B. Dental syringe and method of packaging and dispensing a dental material. 4,492,576, 1-8-85, Cl. 433-90.000.
- Dragavon, Edward J.: *See—*
  - Zwirn, Robert; Dragavon, Edward J.; and Smithgall, Brian, 4,517,599, Cl. 358-166.000.
- Drager Aktiengesellschaft: *See—*
  - Leichnitz, Kurt, 4,554,133, Cl. 422-87.000.
  - Mussmann, Bernd, 4,557,902, Cl. 422-59.000.
- Dragerwerk Aktiengesellschaft: *See—*
  - Albarda, Scato, 4,527,463, Cl. 92-84.000.
  - Altner, Ulrich; Falb, H. Wolfgang; and Wallroth, Carl F., 4,552,139, Cl. 128-200.140.
  - Baum, Marcel, 4,535,766, Cl. 128-204.230.
  - Eckstein, Wolfgang; Leichnitz, Kurt; Pannwitz, Karl-Heinz; Rabenecker, Horst; and Wolff, Gunter, 4,528,160, Cl. 422-86.000.
  - Eckstein, Wolfgang, 4,555,252, Cl. 55-132.000.
  - Freitag, Lutz; Wendt, Michael; and Dankwart, Franz J., 4,520,812, Cl. 128-204.250.
  - Hahn, Rainer, 4,536,370, Cl. 422-120.000.
  - Kleinschmidt, Lothar; Wallroth, Carl F.; and Harms, Heye, 4,542,740, Cl. 128-204.210.
  - Kuhl, Uwe; Krause, Andreas; and Kruger, Horst, 4,511,118, Cl. 251-137.000.
  - Matthiessen, Hans, 4,499,423, Cl. 324-425.000.
  - Mohr, Helmut; Falb, H. Wolfgang; and Wallroth, Carl F., 4,493,318, Cl. 128-200.190.
  - Pasternack, Adalbert, 4,491,130, Cl. 128-202.260.
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  - Schmidt, Martin; and Hattendorff, Horst D., 4,536,090, Cl. 356-414.000.
  - Schwanbom, Erik; Frankenberger, Horst; and Baum, Marcel, 4,519,388, Cl. 128-204.250.
  - Torri, G., 4,552,141, Cl. 128-205.120.
  - Wallroth, Carl F.; and Bauerle, Rainer, 4,522,213, Cl. 128-716.000.
  - Walther, Hans J., 4,555,815, Cl. 2-424.000.
  - Warncke, Ernst, 4,498,470, Cl. 128-202.260.
  - Warncke, Ernst, 4,508,115, Cl. 128-201.230.
  - Wendt, Michael; and Schwanbom, Erik, 4,510,933, Cl. 128-207.140.
  - Westrup, Bernhard, 4,539,181, Cl. 422-59.000.
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- Drago, Russell S.; Miller, James G.; and Weiss, Keith D., to University of Florida. Method for the preparation of halogen substituted methanes and ethanes. 4,538,011, 8-27-85, Cl. 570-240.000.
- Dragoco Gerberding & Co. GmbH: *See—*
  - Brunke, Ernst-Joachim, 4,502,985, Cl. 252-522.00R.
- Dragon, James W.: *See—*
  - Hillman, Carl M.; and Dragon, James W., 4,491,898, Cl. 361-432.000.
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- Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., to Harris Corporation. Wavelength division multiplexed fiber-optic cable system with non-unique terminal types. 4,551,829, 11-5-85, Cl. 370-3.000.
- Dragstrem, John A. Drain pipe system. 4,555,820, 12-3-85, Cl. 4-256.000.
- Dragunevicius, Algirdas J.; Kuhfus, Gerd; and Walker, Charles R. S., to Northern Telecom Limited. Simplified line switch for a telephone set. 4,556,763, 12-3-85, Cl. 179-164.000.
- Drahnak, Timothy J., to Minnesota Mining and Manufacturing Company. Platinum complex. 4,510,094, 4-9-85, Cl. 260-429.0CY.
- Drahnak, Timothy J., to Minnesota Mining and Manufacturing Company. Radiation activated addition reaction. 4,530,879, 7-23-85, Cl. 428-352.000.
- Drain, Leslie E.; and Negus, Clive R., to United Kingdom Atomic Energy Authority. Measurement of the size of particles. 4,492,467, 1-8-85, Cl. 356-336.000.
- Drain, Robert E., to Montana Power Company, The. Power transmission line protective apparatus. 4,513,340, 4-23-85, Cl. 361-62.000.
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  - Christen, Werner, 4,527,902, Cl. 366-169.000.
  - Durr, Herbert, 4,514,833, Cl. 366-207.000.
  - Gross, Horst, 4,496,106, Cl. 241-46.170.
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- Drake, Charles A.; and Turk, Stanley D., to Phillips Petroleum Company. Copolyamide from cycloaliphatic substituted nonane diamine. 4,495,344, 1-22-85, Cl. 528-340.000.
- Drake, Charles A. Dehydration of alcohols. 4,529,827, 7-16-85, Cl. 585-640.000.
- Drake, Charles A., to Phillips Petroleum Company. Method for producing ketones and phenols. 4,532,360, 7-30-85, Cl. 568-357.000.
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- Drake, Cyril F.; Jones, Ronald; Bateson, Paul F.; Grant, Ronald J.; and Burrage, Martin E., to ITT Industries, Inc. Compositions for inhibiting corrosion of metal surfaces. 4,511,404, 4-16-85, Cl. 106-14.120.
- Drake, Cyril F.; and Jones, Ronald, to ITT Industries, Inc. Composite materials comprising water-soluble glass particles. 4,517,006, 5-14-85, Cl. 71-64.110.
- Drake, Cyril F.; Maries, Alan; and Bateson, Paul F., to ITT Industries, Inc. Corrosion inhibiting paint composition. 4,518,429, 5-21-85, Cl. 106-14.390.
- Drake, Cyril F.; Jones, Gladys M.; and Jones, Ronald, to ITT Industries, Inc. Corrosion inhibiting coatings. 4,561,896, 12-31-85, Cl. 106-14.120.
- Drake, Daniel. Cart anti-theft device. 4,524,985, 6-25-85, Cl. 280-33.99C.
- Drake, David A.: *See—*
  - Bluestein, Leo I.; Crandell, Paul E.; Drake, David A.; Jedynak, Leo; and Simpson, Larry W., 4,531,021, Cl. 178-22.080.

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Drake, Eldon L., to Dresser Industries, Inc. Centrifugal pump. 4,511,307, 4-16-85, Cl. 415-172.00R.

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Drake, Evelyn N.; and Calcavecchio, Peter, to Exxon Research & Engineering Co. Method for plugging wellbores with polycarboxylic acid shear thickening composition. 4,542,791, 9-24-85, Cl. 166-291.000.

Drake, Gerald E., to Minnesota Mining and Manufacturing Company. Static mixing device. 4,538,920, 9-3-85, Cl. 366-177.000.

Drake, Gerald E., to Minnesota Mining and Manufacturing Company. Bioelectrode connector. 4,555,155, 11-26-85, Cl. 339-61.00R.

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Drake, John A., to International Computers Limited. Apparatus for storing a cable. 4,557,436, 12-10-85, Cl. 242-47.500.

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Drake, Leo O. Printed circuit board storage cabinet. 4,558,398, 12-10-85, Cl. 361-415.000.

Drake, Robert C. Golf putter. 4,508,342, 4-2-85, Cl. 273-80.00C.

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Drapala, Thaddeus R.; and Zaman, Mohammad K., to Lockheed Corporation. Electro-optical data bus. 4,545,077, 10-1-85, Cl. 455-612.000.

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Draper, David L.; and McKee, Gerald D., to Cars & Concepts, Inc. Sunroof. 4,541,665, 9-17-85, Cl. 296-218.000.

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Draper, Wilburn D.; and Laakso, Melvin T., to International Business Machines Corporation. Multi sub-channel adapter with single status-/address register. 4,495,564, 1-22-85, Cl. 364-200.000.

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Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.

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Fenton, Edward A., Jr.; Lakin, Ira W.; Stein, Joseph H.; Lohr, John R.; and Schreiber, David A., 4,501,539, Cl. 425-84.000.

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Dreckmann, Harald J., to Permag Corporation. Exposed ferrite core impeder. 4,531,035, 7-23-85, Cl. 219-8.500.

Dreckmann, Karl, to M. Lehmacher & Sohn GmbH Maschinenfabrik. Double-seam bag-making method and apparatus with offset stacking. 4,512,757, 4-23-85, Cl. 493-194.000.

Dreckmann, Karl, to M. Lehmacher & Sohn GmbH Maschinenfabrik. Stack conveyor for bag-making apparatus. 4,536,174, 8-20-85, Cl. 493-194.000.

Dreckmann, Karl, to M. Lehmacher & Sohn GmbH Maschinenfabrik. Double- and bottom-seam bag-making method and apparatus. 4,552,551, 11-12-85, Cl. 493-194.000.

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Dreesman, Gordon R.; and Kendall, Cynthia E., to AMF Incorporated. Immunoassay employing monoclonal herpes simplex antibody and biotin-avidin detection system. 4,535,057, 8-13-85, Cl. 435-5.000.

Drefahl, Jens. Roof covering. 4,534,142, 8-13-85, Cl. 52-90.000.

Drefchinski, Robert M. Anti-creep attachment for zoom lens of a camera. 4,557,576, 12-10-85, Cl. 354-295.000.

Dreher, Adolf E. S., to Washex Machinery Corporation. Continuous batch laundry system. 4,522,046, 6-11-85, Cl. 68-27.000.

Dreher, Bernd; and Schneider, Wolfgang, to Ciba-Geigy Corporation. Prestressing elements coated with plastic material and process for making them. 4,552,815, 11-12-85, Cl. 428-415.000.

Dreher, Carl T., to Recognition Equipment Incorporated. Intelligent key display. 4,551,717, 11-5-85, Cl. 340-712.000.

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Drennan, Frank E., to Dor Seal Limited. Method of making bevelled glass window. 4,518,446, 5-21-85, Cl. 156-63.000.

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Drenner, Dewey A., to 4D Incorporated. Brake drum gauge. 4,520,568, 6-4-85, Cl. 33-143.00R.

Drent, Eit, to Shell Oil Company. Process for the preparation of carboxylic anhydrides. 4,536,354, 8-20-85, Cl. 260-549.000.

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Dressel, William G.; and Kucera, William J., to **AMSTED Industries Incorporated**. Railway wheel rotundity gage. 4,538,357, 9-3-85, Cl. 33-203.180.
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  Bridge, Michael L., 4,550,599, Cl. 73-151.000.
  Brunson, David T., 4,511,008, Cl. 175-369.000.
  Bulat, Bulent, 4,538,063, Cl. 250-214.00R.
  Carmichael, Jerry H., and Wellington, Charles H., 4,551,823, Cl. 367-35.000.
  Chatterjea, Probir K., 4,530,376, Cl. 137-636.100.
  Chatterjea, Probir K., 4,538,641, Cl. 137-596.100.
  Chen, Robert G.; Patel, Arvind D.; and Sample, Thomas E., Jr., 4,521,578, Cl. 526-288.000.
  Crampton, Arthur W.; Gray, Hollis L., Jr.; and Mermelstein, Seymour, 4,499,773, Cl. 73-718.000.
  Croopnick, Gerald A.; and Scruggs, David M., 4,529,668, Cl. 428-665.000.
  Croopnick, Gerald A.; and Zabsky, John M., 4,557,836, Cl. 210-287.000.
  Crow, Morgan L., 4,550,789, Cl. 175-297.000.
  Culver, Richard B.; and Oliver, Donald W., 4,500,781, Cl. 250-269.000.
  Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., 4,501,454, Cl. 384-619.000.
  Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., 4,546,836, Cl. 175-107.000.
  DeReamer, Sharon M. B.; and Eifling, Dennis R., 4,495,065, Cl. 209-243.000.
  Drake, Eldon L., 4,511,307, Cl. 415-172.00R.
  Eckman, Richard E., 4,495,681, Cl. 29-26.00A.
  Engelhardt, Friedrich; Piesch, Steffen; Balzar, Juliane; and Dawson, Jeffery C., 4,499,232, Cl. 524-548.000.
  Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,500,437, Cl. 252-8.55C.
  Engelhardt, Friedrich; Piesch, Steffen; Balzer, Juliane; and Dawson, Jeffery C., 4,507,440, Cl. 525-218.000.
  Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,551,513, Cl. 526-307.100.
  Ferguson, Walter J., 4,543,833, Cl. 73-741.000.
  Ferguson, Walter J., 4,545,256, Cl. 73-738.000.
  Fertl, Walter H., 4,494,071, Cl. 324-338.000.
  Foley, Robert W.; Storck, Robert C.; Mickus, Donald J., deceased; and Pastors, Debbie, executrix, 4,554,979, Cl. 172-813.000.
  Fraser, Teresa M.; and Stiles, David V., 4,544,643, Cl. 501-127.000.
  Gorgens, Joseph E.; Goff, Randall; and Sardi, Stephen G., 4,502,334, Cl. 73-705.000.
  Howells, Anthony P. S.; Dienglewicz, Anthony M.; Viswanathan, Raman; and Angehrn, Jorg A., 4,556,884, Cl. 340-860.000.
  Hubner, Bernard G., 4,524,273, Cl. 250-269.000.
  Ippolito, Rodolfo M., 4,514,098, Cl. 384-95.000.
  James, Barry K., 4,558,404, Cl. 363-37.000.
  Johnson, Wade M., Jr.; and Angehrn, Jorg A., 4,514,809, Cl. 364-422.000.
  Kernion, Mark C.; and Renkey, Albert L., 4,521,357, Cl. 264-63.000.
  Kerzner, Mark G., 4,517,835, Cl. 73-152.000.
  Kerzner, Mark G., 4,541,275, Cl. 73-152.000.
  Kisiel, Stanley C., 4,497,344, Cl. 137-797.000.
  Kleeb, Thomas R.; Criss, George H.; and McCreight, Donald O., 4,506,025, Cl. 501-124.000.
  Kleeb, Thomas R.; and Kleeb, Linda L., 4,514,531, Cl. 524-5.000.
  Kramer, Lee F.; Schantz, Ronald K.; Kirkham, Steven C.; and Tschanz, Charles M., 4,505,33[illegible], Cl. 172-812.000.
  LeBlanc, Aladain J.; and Turney, Robert A., 4,558,219, Cl. 250-260.000.
  Loy, Robert E.; Phillips, Dale R.; and Willis, Paul E., 4,515,234, Cl. 180-89.120.
  Lunghofer, Eugene P., 4,522,731, Cl. 252-8.55R.
  Maddalozzo, Raymond J., 4,531,709, Cl. 251-48.000.
  Marcadet, Luc; and Ozanne, Michel, 4,545,560, Cl. 251-58.000.
  Mariano, Charles F., 4,548,075, Cl. 73-202.000.
  McGlothen, Jody R., 4,523,643, Cl. 166-297.000.
  Mermelstein, Seymour, 4,497,202, Cl. 73-202.000.
  Miller, John E., 4,550,646, Cl. 92-128.000.
  Montgomery, Marshall N.; and Michaels, John M., 4,507,957, Cl. 73-151.000.
  Moore, Leslie B., 4,512,669, Cl. 384-93.000.
  Nick, Charles F., 4,506,504, Cl. 60-39.281.
  Oliver, Donald W.; and Fertl, Walter H., 4,507,553, Cl. 250-270.000.
  Onal, Hasan F., 4,533,294, Cl. 415-119.000.
  Patel, Arvind D., 4,525,562, Cl. 526-271.000.
  Patel, Arvind D., 4,544,756, Cl. 548-354.000.
  Petrak, Daniel R.; Winkelbauer, Howard M.; Kleeb, Thomas R.; and Wang, Ke-Chin, 4,557,884, Cl. 264-65.000.
  Primdahl, Richard D., 4,526,204, Cl. 137-637.000.
  Randall, Russel R., 4,540,883, Cl. 250-262.000.
  Read, Norman W., 4,508,173, Cl. 166-330.000.
  Roesner, Raymond E.; and Sloan, Mark L., 4,507,552, Cl. 250-259.000.
  Saxman, William C.; and Parker, Larry J., 4,509,607, Cl. 175-227.000.
  Scruggs, David M., 4,555,186, Cl. 384-93.000.
  Sehnert, Steven D.; McClure, Gerald B.; and McPhee, William A., 4,523,650, Cl. 175-4.560.
  Shinn, Calvin W.; and Terry, Robert G., 4,548,284, Cl. 175-346.000.
  Simpson, Donald C., 4,527,583, Cl. 137-82.000.
  Smith, John R. E., 4,495,606, Cl. 367-86.000.
  Smith, John R. E., 4,541,081, Cl. 367-168.000.
  Snyder, Warren E., 4,512,304, Cl. 123-344.000.
  Stauffer, Robert E., 4,546,844, Cl. 180-243.000.
  Sutor, Peter T., 4,495,301, Cl. 501-124.000.
  Tuttle, Alan H.; Leonard, James K.; Agharkar, Shireesh A.; and Waggott, John, 4,557,664, Cl. 415-105.000.
  Verbos, Stephen P., 4,509,620, Cl. 188-171.000.
  Walkow, Arnold M., 4,540,941, Cl. 324-221.000.
  Wang, Ke-Chin; and Winkelbauer, Howard M., 4,533,646, Cl. 501-97.000.
  Wetterhorn, Richard H.; and Ferguson, Walter J., 4,501,152, Cl. 73-738.000.
  Whittemore, Dwight S.; and Michael, David J., 4,506,022, Cl. 501-100.000.
  Wilson, Billy F., 4,503,327, Cl. 250-261.000.
  Wilson, Harold W.; and Wetterhorn, Richard H., 4,542,654, Cl. 73-741.000.
  Wilson, Herbert C.; and Sankaran, Perumalagaram S., 4,523,640, Cl. 166-64.000.
  Winkelbauer, Howard M.; Hill, Kenneth W.; and Wang, Ke-Chin, 4,500,644, Cl. 501-98.000.
  Winkelbauer, Howard M.; and Wang, Ke-Chin, 4,528,244, Cl. 428-446.000.
Dresser U.K. Ltd.: *See—*
  Ashley, Michael J.; and Greaves, Roy A., 4,530,822, Cl. 423-242.000.
Dressler, Frederick K., to **Motter Printing Press Co.** Ink Fountain. 4,497,250, 2-5-85, Cl. 101-350.000.
Dressler, Roger W., to **Motorola, Inc.** Fader circuit for vehicle sound system. 4,528,686, 7-9-85, Cl. 381-28.000.
Dreuilhe, Jacques; Puff, Roger; Kita, Jean-Claude; and Large, Jean-Francois, to **Creusot-Loire; Charbonnages de France; and Institut Francais du Petrole.** Fluidized bed compact boiler. 4,542,716, 9-24-85, Cl. 122-4.00D.
Dreuilhe, Jacques; and Landet, Paul-Victor, to **Framatome & Cie; Charbonnages de France; and Institut Francais du Petrole.** Tube-type heat exchanger. 4,553,502, 11-19-85, Cl. 122-4.00D.
Drevet, Michel; and Trouillet, Jean, to **Jeumont-Schneider Corporation.** Safety device for motor pump group. 4,541,773, 9-17-85, Cl. 415-111.000.
Drew, Dennis M. Signal shape controller. 4,532,849, 8-6-85, Cl. 84-1.220.
Drew, Louis E.: *See—*
  Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.
Drew, Thomas J.; and Day, Frank S., to **Armex Cable Corporation.** Cable connector. 4,491,685, 1-1-85, Cl. 174-75.00C.
Drewe, John A.: *See—*
  Campbell, Nancy L.; Pinto, John G.; Drewe, John A.; Hayes, Patrick D.; and Nelson Robert A., 4,503,307, Cl. 219-10.55E.
Drewett, Glen E. Readily replaceable bumper guard support and bumper for water covered areas. 4,548,150, 10-22-85, Cl. 114-219.000.
Drewry, Hugh S.; and Keszthelyi, Ewald, to **Kohler Company.** Vertical shaft engine generator set for a recreational vehicle or the like. 4,540,888, 9-10-85, Cl. 290-1.00R.
Drews, Reinhold E.; Fisher, Almon P.; Hermanson, Herman A.; and Pond Stephen F., to **Xerox Corporation.** Thermoremanent magnetic imaging method. 4,531,137, 7-23-85, Cl. 346-74.400.
Drews, Robert C.; Meyer, Danny D.; Shalon, Tadmor; and Pasternak, Eliezer, to **Ninetronix, Inc.** Ophthalmic aspirator/irrigator and cystotome. 4,508,532, 4-2-85, Cl. 604-22.000.
Drews, Ulrich; Mezger, Manfred; Schmidt, Bernhard; Seeger, Karl; Sohner, Gerhard; and Roozenbeek, Herman, to **Robert Bosch GmbH.** Electronic engine control system with emergency operation mode. 4,531,190, 7-23-85, Cl. 364-431.110.
Drexel, Charles F.; and Blair, Richard F., to **Tylan Corporation.** Adjustable laminar flow bypass. 4,524,616, 6-25-85, Cl. 73-203.000.
Drexelbrook Controls, Inc.: *See—*
  Maltby, Frederick L.; Loewenstern, Kenneth M.; and Benning, Jack G., Jr., 4,511,948, Cl. 361-280.000.
Drexhage, Gerrit K. Tip-up bed and post tensioned bedding retainer. 4,553,278, 11-19-85, Cl. 5-136.000.
Drexhage, Karl H., to **Eastman Kodak Company.** Process for replacing anions or organic cationic salts. 4,524,204, 6-18-85, Cl. 544-103.000.
Drexler, Hermann-Josef; Ebner, Franz; Hille, Hans-Dieter; and Poth, Ulrich, to **BASF Farben & Fasern AG.** Water-dilutable coating agent for preparing the base layer of a multilayer coating. 4,558,090, 12-10-85, Cl. 524-591.000.

- Drexler, Jerome, to Drexler Technology Corporation. High data capacity, scratch and dust resistant, infrared, read-write data card for automatic teller machines. 4,500,777, 2-19-85, Cl. 235-487.000.
- Drexler, Jerome, to Drexler Technology Corporation. Medium for recording visual images and laser written data. 4,503,135, 3-5-85, Cl. 430-12.000.
- Drexler, Jerome, to Drexler Technology Corporation. Method for making a laser recordable wallet-size plastic card. 4,542,288, 9-17-85, Cl. 235-487.000.
- Drexler, Jerome; and Haddock, Richard, to Drexler Technology Corporation. Optical data storage and recording media having recording surface protection. 4,543,307, 9-24-85, Cl. 430-12.000.
- Drexler, Jerome, to Drexler Technology Corporation. Data system containing a high capacity optical contrast laser recordable wallet-size plastic card. 4,544,835, 10-1-85, Cl. 235-487.000.
- Drexler, Joannes H.; and Peters, Wolfram J. P. Safety autocar chair for children. 4,545,617, 10-8-85, Cl. 297-340.000.
- Drexler, Leonard H.; Flynn, Richard M.; Fox, George R.; Illium, Herbert C., Jr.; and O'Connor, Robert J., to AT&T Bell Laboratories. Armored telephone cord with a longitudinal strength member. 4,518,830, 5-21-85, Cl. 179-103.000.
- Drexler, Rudolph A., to Simmonds Precision Products, Inc. Apparatus for the mounting and wiring of printed circuit boards. 4,542,442, 9-17-85, Cl. 361-413.000.
- Drexler Technology Corporation: *See—*
  - Drexler, Jerome, 4,500,777, Cl. 235-487.000.
  - Drexler, Jerome, 4,503,135, Cl. 430-12.000.
  - Drexler, Jerome, 4,542,288, Cl. 235-487.000.
  - Drexler, Jerome; and Haddock, Richard, 4,543,307, Cl. 430-12.000.
  - Drexler, Jerome, 4,544,835, Cl. 235-487.000.
  - Haddock, Richard, 4,524,925, Cl. 242-197.000.
- Drexore Resources Inc.: *See—*
  - Panovic, Vlatko, 4,533,116, Cl. 254-26.00R.
- Dreyer, Charles W., to Sealectro Corporation. Solderless coaxial connector. 4,557,546, 12-10-85, Cl. 339-177.00R.
- Dreyer, Paul L.; and Rarick, Russell F. Flexible seals for sliding blade dampers. 4,491,144, 1-1-85, Cl. 137-240.000.
- Dreyer, Paul L.; and McLennan, William R., to Ecolaire Incorporated. Sliding blade closure apparatus with inflatable sealing ring. 4,561,472, 12-31-85, Cl. 138-94.300.
- Dreyfuss, Wilfried; Remp, Thomas E., Jr.; and Muller, Kurt. Method for forming a protective pipe cap. 4,492,666, 1-8-85, Cl. 264-261.000.
- DRG (UK) Ltd.: *See—*
  - Dunn, David C.; and Scarrow, David, 4,542,743, Cl. 128-327.000.
- Dria, Dennis E.; Bremer, Noel J.; Dria, Myra A.; and McKain, Rodger W., to Standard Oil Company, The. Nitrile compounds as oil field biocides. 4,507,212, 3-26-85, Cl. 252-8.55D.
- Dria, Dennis E.: *See—*
  - Bremer, Noel J.; Dria, Dennis E.; Milberger, Ernest C.; Blum, Patricia R.; and Nicholas, Mark L., 4,525,471, Cl. 502-209.000.
- Dria, Myra A.: *See—*
  - Dria, Dennis E.; Bremer, Noel J.; Dria, Myra A.; and McKain, Rodger W., 4,507,212, Cl. 252-8.55D.
- Driam Metallprodukt GmbH & Co. KG: *See—*
  - Dunaitschik, Rudolf, 4,499,847, Cl. 118-19.000.
- Dricot, Jean-Marie, to Mirodan, Ets. Louis D'Haene & Sons. Cutting vitrous sheet corners. 4,513,649, 4-30-85, Cl. 83-883.000.
- Dries, Hubertus W. A. A., to Shell Oil Company. Method and apparatus for continuously cleaning a heat exchanger during operation. 4,531,570, 7-30-85, Cl. 165-1.000.
- Driessen, Antonius J. G. C.; Geertsema, Eise B.; Oomen, Joris J. C.; and Rouwendal, Jan W., to U.S. Philips Corporation. Composite body for gas discharge lamp. 4,501,799, 2-26-85, Cl. 428-446.000.
- Driessen, Leonardus M. H. E., to U.S. Philips Corporation. System for transmitting television picture information using an error-protection code. 4,555,729, 11-26-85, Cl. 358-133.000.
- Driessen, Wilhelmus G. M., to Xerox Corporation. Corona generating device. 4,549,244, 10-22-85, Cl. 361-229.000.
- Driggers, Gerald W.: *See—*
  - Baker, Robert D.; Driggers, Gerald W.; Gray, Ronald W.; and Hawkins, Lawrence A., 4,521,229, Cl. 55-137.000.
- Driggers, John M., to Westinghouse Electric Corp. Small diameter radiant tube heater. 4,523,177, 6-11-85, Cl. 338-303.000.
- Driggers, Robert H. Log roller. 4,530,510, 7-23-85, Cl. 280-47.170.
- Drijver, Jan: *See—*
  - Damman, Ben; Drijver, Jan; Kinneging, Hans; Scheffer, Hans; Stam, Jaap; and de Witte, Paul, 4,501,639, Cl. 159-48.100.
- Dril-Quip Inc.: *See—*
  - Reimert, Larry E., 4,522,431, Cl. 285-27.000.
  - Walker, James M., 4,491,346, Cl. 285-18.000.
  - Walker, James M., 4,496,172, Cl. 285-18.000.
  - Walker, James M., 4,509,777, Cl. 285-286.000.
- Drilling Waste, Incorporated: *See—*
  - Simon, Jules A.; Young, John A.; Ford, Michael D.; and Bourgeois, Harold C., 4,507,208, Cl. 210-721.000.
- Drinkuth, William H.; Bires, Robert J.; Miller, Robert J.; and Selleck, Franklin G., to United Technologies Corporation. Method and apparatus for grinding turbine engine rotor assemblies using dynamic optical measurement system. 4,501,095, 2-26-85, Cl. 51-165.720.
- Drisaldi, Giovanni; Fontana, Eugenio; Manetti, Virgilio; Segu, Franco; Segu, Sandro; and Segu, Bruno. Device for positioning and protecting an orthodontic bracket. 4,523,908, 6-18-85, Cl. 433-8.000.
- Driscoll, John N.; and Atwood, Edwards S., to HNU Systems, Inc. Ion-selective electrodes. 4,549,953, 10-29-85, Cl. 204-419.000.
- Driscoll, Michael A.; and Edwards, James H., to Millipore Corporation. Filtration devices. 4,517,085, 5-14-85, Cl. 210-232.000.
- Driscoll, Michael M., to United States of America, Air Force. Narrow deviation voltage controlled crystal oscillator. 4,550,293, 10-29-85, Cl. 331-116.00R.
- Driskell, Thomas D., to Miter, Inc. Submergible post-type dental implant system and method of using same. 4,547,157, 10-15-85, Cl. 433-173.000.
- Driskill, Darrel, to Larson Supply Company. Downhole well fishing assembly. 4,548,437, 10-22-85, Cl. 294-86.300.
- Drive Line Service, Inc.: *See—*
  - Wilson, Louis D.; and Jones, Patrick M., 4,532,804, Cl. 73-478.000.
  - Wilson, Louis D.; and Jones, Patrick, 4,545,247, Cl. 73-473.000.
- Driver, Michael J., to Beecham Group p.l.c. β-Lactam antibiotics. 4,540,688, 9-10-85, Cl. 514-196.000.
- Driver, Richard: *See—*
  - Choderker, Nathan; Dorman, Carl E.; Richter, Ian; and Driver, Richard, 4,544,058, Cl. 194-102.000.
- Drivetec, Inc.: *See—*
  - Thompson, Herbert E., 4,528,607, Cl. 360-106.000.
  - Thompson, Herbert E., 4,539,614, Cl. 360-99.000.
- Drobish, James L., to Procter & Gamble Company, The. Pump-type dispenser. 4,533,069, 8-6-85, Cl. 222-209.000.
- Drobnick, Louis W.: *See—*
  - Maddox, James P.; Jolley, Jack, Jr.; Drobnick, Louis W.; and Amend, William E., 4,502,839, Cl. 415-202.000.
- Drockila, Kalevi, to Rauma-Repola Oy. Means for marking timber packages. 4,516,526, 5-14-85, Cl. 118-697.000.
- Droescher, Michael; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, to Chemische Werke Huels AG. Molding compositions based on high molecular weight polyalkylene terephthalates. 4,550,148, 10-29-85, Cl. 525-440.000.
- Droescher, Michael; Mumcu, Salih; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, to Chemische Werke Huels AG. Molding compositions based on high molecular weight polyether ester amides. 4,555,550, 11-26-85, Cl. 525-424.000.
- Droeser, Walter. Roller brush for sweeping machines. 4,538,319, 9-3-85, Cl. 15-183.000.
- Drogi, Dieter: *See—*
  - Lange, Heinz; Rix, Albert; and Drogi, Dieter, 4,500,219, Cl. 400-568.000.
- Drogo, Pierre L. M. Electric connector. 4,506,943, 3-26-85, Cl. 339-90.00R.
- Drogosch, Edward J. Coping system. 4,550,535, 11-5-85, Cl. 52-60.000.
- Droll, Frances. Wall hanging. 4,499,688, 2-19-85, Cl. 47-83.000.
- Dromard, Adrien; and Millet, Claude, to Rhone-Poulenc Specialites Chimiques. Catalytic preparation of high molecular weight polysiloxanes. 4,508,845, 4-2-85, Cl. 502-159.000.
- Drometer, Klaus, to Daimler-Benz Aktiengesellschaft. Brake-force control for at least one axle of a vehicle equipped with an anti-locking system. 4,508,393, 4-2-85, Cl. 303-111.000.
- Dromsky, John A.; and Zenuk, Charles H., to Texas Instruments Incorporated. Method for making a light weight composite of pure aluminum, heat treatable aluminum, and stainless steel. 4,559,089, 12-17-85, Cl. 148-11.50Q.
- Dron, James B., to Stang Hydronics Inc. Submerged pump assembly and method of making and using same. 4,492,514, 1-8-85, Cl. 415-1.000.
- Dronet, Jean-Marc; and Resseguier, Jacques, to Ste d'Application Platique Mecanique et Electronicque Plastimechanique S.A. Arrangement for externally affixing or placing banderoles or strips on receptacles. 4,512,734, 4-23-85, Cl. 425-305.100.
- Dropczynski, Hartmut; and Trilling, Peter, to Jagenberg AG. Method and apparatus for winding webs of cellulose. 4,552,316, 11-12-85, Cl. 242-56.00R.
- Drope, Terrence H.: *See—*
  - Weller, Ronald W.; and Drope, Terrence H., 4,549,730, Cl. 271-100.000.
- Droscher, Michael; Gerth, Christian; and Burzin, Klaus, to Chemische Werke Huels AG. Polybutylene terephthalate molding composition with high cold impact strength and amenable to thermoplastic processing. 4,521,554, 6-4-85, Cl. 523-522.000.
- Drosky, Billy J. Stopper extractor. 4,527,450, 7-9-85, Cl. 81-3.290.
- Dross, Joachim: *See—*
  - Reinehr, Ulrich; Herbertz, Toni; Jungverdorben, Hermann-Josef; and Dross, Joachim, 4,497,868, Cl. 428-400.000.
- Drost, Cornelis J., to Cornell Research Foundation, Inc. Ultrasonic transducer array with controlled excitation pattern. 4,550,606, 11-5-85, Cl. 73-626.000.
- Drotar, Frederick L.; Wotton, David R.; Dickerson, Carroll D.; and Makowski, Lawrence A., to Ford Motor Company. One-piece adjusting sleeve. 4,509,772, 4-9-85, Cl. 280-661.000.
- Drothen, Michael; and Ressel, Willi, to Wickmann-Werke GmbH. High voltage quick-break fuse. 4,523,172, 6-11-85, Cl. 337-164.000.
- Drouillard, James R., to General Motors Corporation. Window stabilizing mechanism. 4,550,529, 11-5-85, Cl. 49-348.000.
- Drouin, Bernard: *See—*
  - Lucas, Jean; Goupillon, Jean-Francois; and Drouin, Bernard, 4,503,767, Cl. 100-214.000.
- Droulon, Georges: *See—*
  - Cousin, Maurice; Pipon, Yves; Droulon, Georges; and Lebrun, Jean, 4,518,182, Cl. 292-201.000.
- Drower, Herbert M.: *See—*
  - Minkus, Morton; and Drower, Herbert M., 4,545,838, Cl. 156-220.000.
- Drowley, Clifford I., to Hewlett-Packard Company. Grain boundary confinement in silicon-on-insulator films. 4,545,823, 10-8-85, Cl. 148-1.500.

- Drowley, Clifford I.: *See—*
  - Kamins, Theodore I.; Bradbury, Donald R.; and Drowley, Clifford I., 4,507,158, Cl. 148-175.000.
- Droz, Francois, to Brevex Georges Claude S.A. Display unit for jewelry articles. 4,560,133, 12-24-85, Cl. 248-442.000.
- Drozd, Edward J.: *See—*
  - Dreps, James R.; and Drozd, Edward J., 4,516,697, Cl. 222-212.000.
- Drozd, Edward J., Jr., to Captive Plastics Inc. Method of forming tamper evident closures. 4,547,332, 10-15-85, Cl. 264-339.000.
- Drozd, Edward J., Jr.: *See—*
  - Cribb, B. Jay, Jr.; Drozd, Edward J., Jr.; Wilmot, Ian R.; and Leap, Debradell C., 4,545,508, Cl. 222-153.000.
- Drozd, Jan W.; and Bailey, Maureen L., to Shell Oil Company. Microbiological production of alkylene oxides. 4,560,657, 12-24-85, Cl. 435-123.000.
- DRS Infusion Systems, Inc.: *See—*
  - Whitehouse, Craig M.; Snyder, Daniel R.; and Luther, Ronald B., 4,559,043, Cl. 604-201.000.
- Drucker, Alan S., to Carrier Corporation. Heat pump charge optimizer. 4,546,616, 10-15-85, Cl. 62-174.000.
- Drucker, Alan S., to Carrier Corporation. High efficiency fan coil unit. 4,548,050, 10-22-85, Cl. 62-291.000.
- Druet, Jean-Pierre, to Societe Lorraine de Laminage Continu SOLLAC. Method and apparatus for the sintering of a mineral using gaseous fuel. 4,501,609, 2-26-85, Cl. 75-5.000.
- Druetzler, Thomas W., to Sherwin-Williams Company, The. Isocyanate functional prepolymers and coating materials based thereon. 4,560,494, 12-24-85, Cl. 252-182.000.
- Druffel, James B. Combination fuel filter and water separator. 4,502,954, 3-5-85, Cl. 210-136.000.
- Druffel, James B.; and Cohen, Joel S., to Prescolite, a division of U.S. Industries. Hangar device for a recessed lighting unit. 4,511,113, 4-16-85, Cl. 248-546.000.
- Drug Concentrates, Inc.: *See—*
  - Smith, George B., II, 4,498,591, Cl. 206-620.000.
- Drug Delivery Systems Inc.: *See—*
  - Sibalis, Dan, 4,557,723, Cl. 604-20.000.
- Druke, Michael B.: *See—*
  - Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.
  - Ziegler, Michael L.; and Druke, Michael B., 4,493,033, Cl. 364-200.000.
- Druker, Harvey A., to McNab Incorporated. Retaining clamp for combination valve and conductivity cell assembly. 4,502,011, 2-26-85, Cl. 324-446.000.
- Druliner, Joe D.; and Hermolin, Joshua, to Du Pont de Nemours, E. I., and Company. Cyclohexyl hydroperoxide decomposition process. 4,503,257, 3-5-85, Cl. 568-342.000.
- Drullinger, Robert E., to United States of America, Commerce. Heat pipe oven molecular beam source. 4,558,218, 12-10-85, Cl. 250-251.000.
- Drum, Henner, to Hoffman & Engelmann AG. Support for transfer images or slide-off images. 4,529,654, 7-16-85, Cl. 428-340.000.
- Drumco: *See—*
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,508,183, Cl. 175-69.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,540,055, Cl. 175-323.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,541,494, Cl. 175-228.000.
- Drumm, Arthur E. Spiral brush section. 4,490,872, 1-1-85, Cl. 15-182.000.
- Drumm, Arthur E. Spiral brush section. 4,490,877, 1-1-85, Cl. 15-182.000.
- Drumm, Arthur E. Brush bristle unit for brush rolls. 4,498,210, 2-12-85, Cl. 15-183.000.
- Drumm, Manuel F.: *See—*
  - Higginbottom, Harold P.; and Drumm, Manuel F., 4,507,428, Cl. 524-596.000.
  - Higginbottom, Harold P.; and Drumm, Manuel F., 4,557,979, Cl. 428-460.000.
- Drumm, Philip R. Unsinkable all-purpose boat. 4,512,275, 4-23-85, Cl. 114-39.000.
- Drummond, Andrew F., to Programasyst Limited. Control of real time industrial processes. 4,562,529, 12-31-85, Cl. 364-140.000.
- Drummond, Charles E. Ventilated toilet device. 4,494,255, 1-22-85, Cl. 4-213.000.
- Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., to Drumco. Method and apparatus for lubricating a drill bit. 4,508,183, 4-2-85, Cl. 175-69.000.
- Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W. Drill bit assembly with fluid separator. 4,515,229, 5-7-85, Cl. 175-337.000.
- Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., to Drumco. Drill bit assembly having improved operational life. 4,540,055, 9-10-85, Cl. 175-323.000.
- Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., to Drumco. Drill bit assembly. 4,541,494, 9-17-85, Cl. 175-228.000.
- Drummond, Richard S. Two wheeled utility cart. 4,504,071, 3-12-85, Cl. 280-5.240.
- Drupsteen, Jan, to U.S. Philips Corporation. Fourth-order digital multiplex system for transmitting a plurality of digital signals at a nominal bit rate of 44 736 kbit/s. 4,535,451, 8-13-85, Cl. 370-99.000.
- Drury, Alvin C., to Jung Corporation. Protective hand pad, and method of making same. 4,556,992, 12-10-85, Cl. 2-20.000.
- Drury, F. Robert; and Graham, Marshall D., to Coulter Electronics, Inc. Slide preparation apparatus. 4,494,479, 1-22-85, Cl. 118-120.000.
- Drury, F. Robert; and Graham, Marshall D., to Coulter Electronics, Inc. Slide preparation apparatus. 4,516,522, 5-14-85, Cl. 118-120.000.
- Drury, Philip J.: *See—*
  - Black, Martin M.; and Drury, Philip J., 4,490,859, Cl. 3-1.500.
- Druschke, Frank; Kraus, Georg; Kuenzel, Ulrich; Ruh, Wolf D.; and Schaefer, Rolf, to International Business Machines Corporation. Method of dry copper etching and its implementation. 4,557,796, 12-10-85, Cl. 156-643.000.
- Druschke, Wolfgang; Kast, Hans; and Zettl, Alexander, to BASF Aktiengesellschaft. Contact adhesive dispersions for the production of self-adhesive articles, for example those having a polyolefinic base. 4,529,772, 7-16-85, Cl. 524-555.000.
- Druschke, Wolfgang: *See—*
  - Blum, Rainer; Buensch, Hellmut; Druschke, Wolfgang; and Mueller, Helmut, 4,543,393, Cl. 525-124.000.
- Drutchas, Gilbert H.; and Spencer, Phillip B., to TRW Inc. Pump assembly. 4,516,918, 5-14-85, Cl. 418-15.000.
- Drutchas, Gilbert H.; and Borza, John S., to TRW Inc. Method and apparatus for sensing relative movement between members. 4,550,597, 11-5-85, Cl. 73-118.000.
- Drutchas, Gilbert H., to TRW Inc. Hydraulic apparatus. 4,557,342, 12-10-85, Cl. 180-132.000.
- Dry Dock Industries, Inc.: *See—*
  - Smith, Jon D.; and Parker, Glenn T., 4,491,447, Cl. 411-15.000.
- Dryden, Hugh L., Jr; and Hill, John B., to G. D. Searle & Co. Method and intermediates for producing α-L-aspartyl-L-phenylalanine. 4,555,362, 11-26-85, Cl. 260-112.50R.
- Drye, James E.: *See—*
  - Davis, Earl K.; Drye, James E.; and Reed, David J., 4,515,898, Cl. 501-15.000.
- Drygalski, Gordon T.; Otto, Dennis L.; and Ross, Donald K., to Chicago Rawhide Manufacturing Company. Reverse lip positive venting seal. 4,556,225, 12-3-85, Cl. 277-152.000.
- Drzala, Christopher W.: *See—*
  - Whitlock, Jonathan B.; and Drzala, Christopher W., 4,531,102, Cl. 331-1.00A.
- Drzevitzky, Bernd; and Breynk, Wolfgang. Dispenser of coating material with adjustable outlet. 4,529,103, 7-16-85, Cl. 222-130.000.
- Drzewiecki, Tadeusz, to United States of America, Army. Fluidic absolute-to-differential pressure converter. 4,523,611, 6-18-85, Cl. 137-804.000.
- Drzewiecki, Tadeusz M.; Toda, Kenji; and Gurney, John, to United States of America, Army. Photofluidic interface. 4,512,371, 4-23-85, Cl. 137-828.000.
- Drzewiecki, Thadeusz M.: *See—*
  - Phillippi, R. Michael; and Drzewiecki, Thadeusz M., 4,534,383, Cl. 137-840.000.
- D'Silva, Edmund D., to Baxter Travenol Laboratories, Inc. Peristaltic pump quick disconnect rotor assembly. 4,515,535, 5-7-85, Cl. 417-360.000.
- D'Silva, Themistocles D. J., to Union Carbide Corporation. Process for preparing symmetrical bis-carbamates. 4,496,721, 1-29-85, Cl. 544-58.200.
- D'Silva, Themistocles D. J., to Union Carbide Corporation. Pesticidal aryl N-(alkylthio-phosphorothio)acyl-N-alkylcarbamates. 4,514,392, 4-30-85, Cl. 514-148.000.
- D'Silva, Themistocles D. J., to Union Carbide Corporation. Unsymmetrical bis-carbamate compounds. 4,551,472, 11-5-85, Cl. 514-477.000.
- D'Silva, Themistocles D. J.: *See—*
  - Bushey, Dean F.; and D'Silva, Themistocles D. J., 4,525,357, Cl. 514-258.000.
  - Chou, David T.; Durden, John A.; and D'Silva, Themistocles D. J., 4,540,578, Cl. 514-349.000.
  - Durden, John A.; and D'Silva, Themistocles D. J., 4,496,591, Cl. 514-477.000.
- DSL Dynamic Sciences Limited: *See—*
  - Boetzkes, Peter C., 4,533,871, Cl. 324-207.000.
  - Schmid, Hartmut, 4,554,221, Cl. 429-1.000.
- DSM Resins B.V.: *See—*
  - Belder, Eimbert G.; van der Linde, Robert; and Schippers, Jan, 4,528,341, Cl. 525-438.000.
  - van der Klooster, Jacob P.; and van Oosterbos, Johannes P. M., 4,497,937, Cl. 525-333.100.
  - Verwer, Andreas N. J.; and Evers, Johannes T. M., 4,499,235, Cl. 525-38.000.
- DSO "Pharmachim": *See—*
  - Galabov, Angel S.; and Mastikova, Margarita H., 4,499,093, Cl. 514-258.000.
- D'Souza, Adrian: *See—*
  - Bakshi, Kiran R.; D'Souza, Adrian; and Sabourin, Edward T., 4,560,800, Cl. 568-306.000.
- Du, Benjamin R. Air driven pump. 4,540,349, 9-10-85, Cl. 417-393.000.
- Du Pont Canada Inc.: *See—*
  - Fletcher, Eldon L., 4,518,280, Cl. 405-17.000.
  - Hajto, Ernest A., 4,500,370, Cl. 149-109.600.
  - Hajto, Ernest A., 4,509,998, Cl. 149-2.000.
  - Hamilton, Michael A.; and Zboril, Vaclay G., 4,547,473, Cl. 502-113.000.
  - Mollison, Alistair N., 4,503,102, Cl. 428-35.000.
  - Storms, William J., 4,521,437, Cl. 426-130.000.
  - White, George, 4,526,916, Cl. 524-128.000.
- Du Pont-Mitsui Polychemicals Co., Ltd.: *See—*
  - Kutsuwa, Yoshikazu; Kitahara, Kouji; and Ishii, Toshiyuki, 4,526,707, Cl. 252-511.000.

Tada, Seiichi, 4,517,317, Cl. 521-95.000.

Tada, Seiichi, 4,532,307, Cl. 525-451.000.

Dual Filtrex, Inc.: *See—*

Fine, Max, 4,513,590, Cl. 68-18.00C.

Dual Fuels Associates Corporation: *See—*

Wintrell, Reginald; and Anderson, Vaughn R., 4,497,304, Cl. 123-527.000.

Dual-Lite Manufacturing: *See—*

MacDonald, Robert D., Jr.; Luca, William A.; and Johnstone, Robert M., 4,561,203, Cl. 40-570.000.

Duane, George P., Jr., to Chem-Pak, Inc. Method of touching up surface-blemished matt-finished surface grained colored molded plastic parts. 4,544,578, 10-1-85, Cl. 427-140.000.

Duarte, Luiz R. Method for healing bone fractures with ultrasound. 4,530,360, 7-23-85, Cl. 128-419.00F.

Dubach, Fredi: *See—*

Votteler, Arno; Lanuzzi, Max; Dubach, Fredi; and Schreiner, Herbert, 4,553,483, Cl. 108-4.000.

Dube, Ghyslain, to Alcan International Limited. Removal of impurities from molten aluminium. 4,507,150, 3-26-85, Cl. 75-63.000.

Dube, Roland E.: *See—*

Misevich, Kenneth W.; Cross, Henry D., III; Dube, Roland E.; and McGregor, Rob R., 4,542,598, Cl. 36-114.000.

Duberg, John E.: *See—*

Fisher, Ralph H., 4,493,193, Cl. 62-160.000.

Dubey, Agnes: *See—*

Wyrick, Steven D.; Hall, Iris H.; and Dubey, Agnes, 4,499,303, Cl. 514-605.000.

Dubey, Pierre, to Autelca AG. Circuit arrangement in a coin acceptor unit. 4,492,296, 1-8-85, Cl. 194-100.00A.

Dubi, Bernard: *See—*

Guillaume, Paul; Vezin, Luc; and Dubi, Bernard, 4,494,923, Cl. 431-9.000.

Dubich, Charles S.; and Yang, James H. C., to Firestone Tire & Rubber Company, The. Membrane fastener apparatus. 4,548,016, 10-22-85, Cl. 52-749.000.

Dubiel, Oswald, to Wagner, Paul-Heinz. Rotary tool. 4,513,827, 4-30-85, Cl. 173-12.000.

Dubiel, Oswald; Hirtsiefer, Karl-Richard; and Wagner, Paul-Heinz, to Paul-Heinz Wagner. Power wrench. 4,524,651, 6-25-85, Cl. 81-57.390.

Dubilier PLC: *See—*

Phillips, John P., 4,532,489, Cl. 337-228.000.

Dubin, Leonard, to Nalco Chemical Company. Silica inhibition: prevention of silica deposition by addition of low molecular weight organic compounds. 4,532,047, 7-30-85, Cl. 210-698.000.

Dublet, Guy P., to Etablissement Public de Diffusion dit "Telediffusion de France". Structure of an access point toward a data pack broadcasting network. 4,527,268, 7-2-85, Cl. 370-94.000.

Dublier Scientific Limited: *See—*

Cockhill, Thomas D.; Pashley, Neil A.; Prewett, Phillip D.; and Jefferies, Derek K., 4,516,052, Cl. 313-546.000.

Duboeuf, Jean-Paul: *See—*

Vernois, Michel; and Duboeuf, Jean-Paul, 4,513,056, Cl. 428-264.000.

DuBois, Chester G., to Outboard Marine Corporation. Fluid driven pump with one-way valve in fluid inlet. 4,551,076, 11-5-85, Cl. 417-395.000.

DuBois, Chester G., to Outboard Marine Corporation. Fluid pumping device for use with a fluid pump. 4,555,221, 11-26-85, Cl. 417-349.000.

DuBois, Chester G., to Outboard Marine Corporation. Mechanism for producing audible warning in response to coolant system failure. 4,557,224, 12-10-85, Cl. 123-41.150.

DuBois, Chester G.: *See—*

Hunt, Paul R.; and DuBois, Chester G., 4,506,649, Cl. 123-576.000.

DuBois, Dale R.: *See—*

Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,524,719, Cl. 118-719.000.

Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,539,933, Cl. 118-719.000.

Dubois, Jean; Lacroix, Alain; Forestier, Lucienne; and Steiner, Jean-Pierre, to Lesieur-Cotelle. Dispenser for a toilet. 4,507,812, 4-2-85, Cl. 4-228.000.

Dubois, Jean C.; Tourillon, Gerard; and Garnier, Francis, to Thomson-CSF. Electrochemical device which can be used for energy storage. 4,543,306, 9-24-85, Cl. 429-194.000.

Dubois, Jean-Claude; Ravaux, Gilles; and Le Barny, Pierre, to Thomson-CSF. Liquid crystals having a type A smectic phase. 4,545,921, 10-8-85, Cl. 252-299.620.

Dubois, Jean-Claude: *See—*

Camps, Marcel; Douillard, Alain; Dubois, Jean-Claude; Gazard, Maryse; Montheard, Jean-Pierre; Pascal, Thierry; and Seytre, Gerard, 4,508,639, Cl. 252-500.000.

Layotte, Pierre-Claude; Dubois, Jean-Claude; and James, Andre, 4,505,362, Cl. 188-67.000.

Dubois, Jean-Daniel, to Nouvelle Lemania S.A. Horology module comprising an electronic circuit and a calendar device. 4,540,291, 9-10-85, Cl. 368-28.000.

Dubois, Jerry M.; and Spanjer, Keith G., to Motorola, Inc. Electrically isolated semiconductor power device. 4,510,519, 4-9-85, Cl. 357-81.000.

Du Bois, Jerry M.; and Spanjer, Keith G., to Motorola, Inc. High current package with multi-level leads. 4,518,982, 5-21-85, Cl. 357-74.000.

Dubois, Lawrence H.; and Nuzzo, Ralph G., to AT&T Bell Laboratories. Intermetallic catalyst preparation. 4,507,401, 3-26-85, Cl. 502-242.000.

DuBois, R. Clark, to Gradco Systems, Inc. Drop tray sorter. 4,500,087, 2-19-85, Cl. 271-293.000.

DuBois, R. Clark. Continuous web feeder with web cutting means. 4,515,053, 5-7-85, Cl. 83-488.000.

DuBois, R. Clark. Apparatus and process for drop-feeding sheets to a typing or printing machine including separable paper clamping trays. 4,522,519, 6-11-85, Cl. 400-624.000.

DuBois, R. Clark. Document turnover device. 4,526,361, 7-2-85, Cl. 271-186.000.

DuBois, R. Clark. Device for drop-feeding sheet material into a printing apparatus or the like. 4,560,156, 12-24-85, Cl. 271-18.000.

Dubon, Chantal; Hok, Bertil; and Ovren, Christer, to ASEA Aktiebolag. Hermetic sealing of gallium arsenide components. 4,537,467, 8-27-85, Cl. 350-96.200.

Dubos, Jacques: *See—*

Arditty, Herve; Bourbin, Yannic; Dubos, Jacques; Gautnier, Francis; and Graindorge, Philippe, 4,509,968, Cl. 65-10.100.

Gauthier, Francis; and Dubos, Jacques, 4,504,300, Cl. 65-10.100.

DuBose, Charles R.: *See—*

Hood, Clarence E., Jr.; Garrett, Thomas R.; and DuBose, Charles R., 4,497,265, Cl. 111-86.000.

Dubots, Patrick, to Alsthom-Atlantique, S.A. Superconductor manufacturing process. 4,531,982, 7-30-85, Cl. 148-11.50F.

Dubowicz, Palemon W., to United States of America, Army. Coaxial power dissipation line. 4,536,768, 8-20-85, Cl. 343-736.000.

Dubowicz, Palemon W.: *See—*

Goodall, Steve R.; Dubowicz, Palemon W.; and Campbell, Donn V., 4,513,338, Cl. 361-1.000.

Dubreuil, Jean-Pierre; Blazejczak, Jean; and Tramier, Bernard, to Societe Nationale Elf Aquitaine (Production). Process and device for breaking stabilized emulsions, especially oil-water emulsions. 4,514,272, 4-30-85, Cl. 204-186.000.

Dubreuil, Luc; and Reed, Phillip J., to Northern Telecom Limited. Gas pressurizable cable with compressed plug seal and method of making it. 4,500,747, 2-19-85, Cl. 174-76.000.

Dubreux, Bernard; Emeraud, Jackie; Tatin, Gerard; and Schirmann, Jean-Pierre, to Atochem. Composition for the alkaline bleaching of textiles containing peroxyamine. 4,552,563, 11-12-85, Cl. 8-107.000.

Dubreux, Eric: *See—*

Assedo, Raphael; and Dubreux, Eric, 4,562,038, Cl. 376-353.000.

Dubrin, James W., to United States of America, Energy. Method for isotope enrichment by photoinduced chemiionization. 4,514,363, 4-30-85, Cl. 423-3.000.

Dubroeucq, Marie-Christine; Renault, Christian; and Le Fur, Gerard, to Pharmuka Laboratoires. Derivatives of arene and hetero-arene carboxamides and their use as medicaments. 4,499,094, 2-12-85, Cl. 514-301.000.

DuBroff, Richard E., to Phillips Petroleum Company. Seismic exploration. 4,500,976, 2-19-85, Cl. 367-48.000.

DuBroff, William; Kaegi, Dennis D.; Knoerzer, Jerome J.; and Spearin, Elliott Y., to Inland Steel Company. Solvent pretreatment of coal to improve coke strength. 4,528,069, 7-9-85, Cl. 201-20.000.

Dubrovskaya, Nina V., administrator: *See—*

Kalakutsky, Lev I.; Sychenkov, Vladimir V.; Vlasov, Vladimir B.; and Dubrovsky, Adolf V., deceased, 4,556,849, Cl. 324-464.000.

Dubrovsky, Adolf V., deceased: *See—*

Kalakutsky, Lev I.; Sychenkov, Vladimir V.; Vlasov, Vladimir B.; and Dubrovsky, Adolf V., deceased, 4,556,849, Cl. 324-464.000.

Dubrovsky, Evgeny V.; Dunaev, Viktor P.; and Kuzin, Anatoly I., to Gosadarstvenny Sojuzny Nauchno-Issledovatelsky Traktorny Institut. Device for corrugating sheet material. 4,502,315, 3-5-85, Cl. 72-385.000.

DuBrucq, Denyse C.; and Kondracki, Henry C. Optical thermodetector. 4,502,487, 3-5-85, Cl. 128-665.000.

DuBrucq, Denyse C., to Ear Three Systems Manufacturing Company. Speech presentation system and method. 4,520,501, 5-28-85, Cl. 381-48.000.

Dubuc, Luc, to Placages Nicolet-Sud Inc. Method for trimming the edges of a sheet of veneer perpendicularly to its grain while preventing this sheet from splitting. 4,546,806, 10-15-85, Cl. 144-345.000.

Dubuisson, Joseph E. Case with rotary telescopic sections. 4,560,078, 12-24-85, Cl. 220-4.00C.

Dubuit, Jean-Louis: *See—*

Rouly, Eric; Baquet, Philippe; and Dubuit, Jean-Louis, 4,520,726, Cl. 101-123.000.

DuBuske, Stanley: *See—*

Hager, Adolph G.; Freeman, Gerald L.; Rush, James P.; Branovich, Louis E.; and DuBuske, Stanley, 4,494,003, Cl. 250-474.100.

Dubust, Jean-Claude; Boncoeur, Marcel; and Hansz, Bernard, to Commissariat a l'Energie Atomique. Process and apparatus for coating a member by plasma spraying. 4,505,945, 3-19-85, Cl. 427-8.000.

Ducarre, Alphonse: *See—*

Guittard, Pierre; Jarry, Philippe; Ducarre, Alphonse; and Haji, Lazhar, 4,518,980, Cl. 357-30.000.

Ducasse, Joseph C. V. Automatic sprinkling device. 4,496,104, 1-29-85, Cl. 239-240.000.

Ducati, Adriano C.: *See—*

Merritt, Francis L.; and Ducati, Adriano C., 4,499,334, Cl. 174-111.000.

Duce, Benjamin R.: *See—*

Wood, Grace; Duce, Benjamin R.; Pelham, Russell W.; and Woiszwillo, James, 4,540,410, Cl. 604-56.000.

Duce, Edward, to Stockrail Services Limited. Overhead conveyor systems. 4,561,359, 12-31-85, Cl. 104-94.000.

Ducellier & Cie: *See—*

Croissant, Jonny, 4,531,501, Cl. 123-634.000.

  Pierret, Jean M., 4,546,753, Cl. 123-634.000.
Duch, David S.; Nichol, Charles A.; and Sigel, Carl W., to Burroughs Wellcome Co. Treatment with dialkoxy pyridopyrimidine compounds. 4,512,992, 4-23-85, Cl. 514-258.000.
Duchadeau, Pierre, to Pari-Symac. Devices which comprise a helical spring used as conveying, extracting, quantity-controlling or mixing means. 4,496,086, 1-29-85, Cl. 222-412.000.
Duchane, David V.; and Barthell, Barry L., to United States of America, Energy. Method of forming a continuous polymeric skin on a cellular foam material. 4,555,313, 11-26-85, Cl. 204-3.000.
Ducharme, Marcel, to Inno-Tech Developments Ltd. Method of drying and salting fish. 4,552,766, 11-12-85, Cl. 426-294.000.
Duchateau, Claude M., to Societe d'Etudes et de Developpement des Aeroglisseurs Marins, Terrestres et Amphibies S.E.D.A.M. Vehicles travelling on air cushions allowing movement of the latter over all types of terrain. 4,516,651, 5-14-85, Cl. 180-127.000.
Duchemin, Jean-Pascal: *See—*
  Di Forte Poisson, Marie-Antoinette; Hirtz, Jean-Pierre; Duchemin, Jean-Pascal; and de Cremoux, Baudouin, 4,494,237, Cl. 372-45.000.
Duchemin, Jean-Pierre: *See—*
  Moreau, Dominique; Duchemin, Pierre; and Duchemin, Jean-Pierre, 4,535,309, Cl. 335-42.000.
Duchemin, Pierre: *See—*
  Moreau, Dominique; Duchemin, Pierre; and Duchemin, Jean-Pierre, 4,535,309, Cl. 335-42.000.
Duchene, Eloi; and Laroche, Pierre, to Glaverbel. Laminated reflective panels. 4,511,618, 4-16-85, Cl. 428-215.000.
Duchesne, Gonzague L.; and Perrault, Guy, to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Method of making a castable propellant. 4,517,035, 5-14-85, Cl. 149-19.920.
Duchesne, Jean-Philippe: *See—*
  Levy, Claude; and Duchesne, Jean-Philippe, 4,501,360, Cl. 206-443.000.
Duchesneau, Jerome G.; and Schwartz, Robert A., to United Technologies Corporation. Pitch control system for variable pitch propeller. 4,533,295, 8-6-85, Cl. 416-27.000.
Duchesneau, Jerome G.; and Schwartz, Robert A., to United Technologies Corporation. Pitch control system for variable pitch propeller. 4,533,296, 8-6-85, Cl. 416-46.000.
Duchesneau, Jerome G.: *See—*
  Schwartz, Robert A.; and Duchesneau, Jerome G., 4,523,891, Cl. 416-157.00R.
Duchon, Paul A. J.: *See—*
  Mouilhayrat, Guy G.; Duchon, Paul A. J.; Guilbert, Jean M. A. M.; and Rolfo, Andre A., 4,508,297, Cl. 244-173.000.
Duchovni, Naum: *See—*
  Bogwitz, Wolfram E. R.; Flecknoe-Brown, Anthony E.; and Duchovni, Naum, 4,543,054, Cl. 425-335.000.
Duck, Roger: *See—*
  James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., 4,499,154, Cl. 428-494.000.
Duckett, Melvyn: *See—*
  Hubbard, Colin; Limb, David I.; and Duckett, Melvyn, 4,496,383, Cl. 62-31.000.
Duckett, Robert C.: *See—*
  Pardo, Warren A., 4,498,695, Cl. 292-260.000.
Duckwall, Louis R., Jr., to Conoco Inc. Process for producing poly (vinyl acetals). 4,539,369, 9-3-85, Cl. 525-61.000.
Duckworth, James J.: *See—*
  Salihi, Jalal T.; and Duckworth, James J., 4,544,873, Cl. 318-801.000.
Duckworth, Roger; Johnson, Roy A.; and Lester, Timothy E., to British Petroleum Company p.l.c., The. Method of stabilization of particulate material. 4,507,177, 3-26-85, Cl. 204-1.00R.
Duclos, Clovis R. Golf club head. 4,508,350, 4-2-85, Cl. 273-183.00D.
Duclos, Michael G.: *See—*
  Davignon, Paul A.; and Duclos, Michael G., 4,505,487, Cl. 279-1.00S.
Ducombs, Marcel: *See—*
  Messe, Gerard; Faure, Michel; and Ducombs, Marcel, 4,522,094, Cl. 83-92.000.
Ducote, Marjorie E.; and Allen, Henry C., to United States of America, Army. Amine salts as bonding agents. 4,493,741, 1-15-85, Cl. 149-19.400.
Ducote, Marjorie E.; and Greer, Charles L., Jr., to United States of America, Army. Amine bonding agents in polyester binders. 4,531,989, 7-30-85, Cl. 149-19.200.
Ducote, Marjorie E., to United States of America, Army. Liner-propellant bond tests. 4,552,706, 11-12-85, Cl. 264-3.00R.
Ducournau, Alain; and Barras, Francois, to Creusot-Loire. Inking mechanism for a printing press. 4,527,476, 7-9-85, Cl. 101-352.000.
Ducret, Robert P., to Beehler, Pavitt, Siegemund, Jagger & Martella. Method and apparatus for video standard conversion. 4,504,852, 3-12-85, Cl. 358-11.000.
Ducros, Guy, to Technique et Esthetique pour l'Industrie et la Distribution. Device for decanting a liquid from a recipient. 4,534,377, 8-13-85, Cl. 137-212.000.
Ductmate Industries Inc.: *See—*
  Arnoldt, Peter J., 4,508,376, Cl. 285-363.000.
  Arnoldt, Peter J., 4,509,778, Cl. 285-406.000.
Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, to "FOK-GYEM" Finommechanikai es Elektronikus Muszergyarto Szovetkezet. Iron core for the magnetic induction of a visual information displaying element with a magnetic tilting plate. 4,528,932, 7-16-85, Cl. 116-204.000.
Duda, C. Richard, to United Detector Technology. Absolute radiometric detector. 4,498,012, 2-5-85, Cl. 250-578.000.
Duda, Homer G.: *See—*
  Adair, Paul C.; Duda, Homer G.; Burkholder, Amy L.; Wright, Richard F.; and Stanley, Mary M., 4,507,381, Cl. 430-246.000.
Dudacek, Wayne E.; Kochan, David A.; and Zobel, Henry F., to CPC International Inc. Hot-water dispersible starch-surfactant products, including acid stable and acid and freeze-thaw stable food thickeners. 4,491,483, 1-1-85, Cl. 127-33.000.
Dudar, Erzebet: *See—*
  Gorog, Katalin; Dudar, Erzebet; Gardi, Ivan; Kocsis, Maria; Caal, Sandor; and Tasnadi, Marta, 4,511,714, Cl. 548-215.000.
Dudas, Ferenc; and Levardy, Ivan, to Forgacsoloszerszamipari Vallalat. Coupling arrangement for modular tool-systems. 4,557,642, 12-10-85, Cl. 408-239.00R.
Dudash, Carl S.; and Donnelly, Brian G., to United Technologies Corporation. Pressure measuring device. 4,502,336, 3-5-85, Cl. 73-736.000.
Dudash, Carl S., to United Technologies Corporation. Jam compensating control valve. 4,545,407, 10-8-85, Cl. 137-596.000.
Dudash, Carl S.: *See—*
  Perkinson, Robert H.; Donnelly, Brian G.; and Dudash, Carl S., 4,501,157, Cl. 73-861.240.
Dudding, Frank. Wet blasting apparatus. 4,517,774, 5-21-85, Cl. 51-436.000.
Duddy, James J. Magnetic support for flashlight. 4,506,317, 3-19-85, Cl. 362-396.000.
Dudeck, Ingo; and Schenk, Jurgen, to Daimler-Benz Aktiengesellschaft. Device for detecting the failure of a sensor. 4,521,769, 6-4-85, Cl. 340-635.000.
Dudeck, Ingo; Hipp, Ulrich; Maass, Manfred; and Ruoff, Harald, to Daimler-Benz Aktiengesellschaft. Safety arrangement for an adjustment installation of a seat adjustable manually or programmed. 4,523,136, 6-11-85, Cl. 318-568.000.
Dudeck, Ingo: *See—*
  Mauermann, Walter; and Dudeck, Ingo, 4,527,525, Cl. 123-425.000.
Duder, Richard A.; and Corral, Allan B., to Dynamic Valves, Inc. Electrically controlled valves. 4,535,810, 8-20-85, Cl. 137-596.170.
Dudgeon, Charles D.; and Winstead, Maynard R., to General Electric Company. Electromagnetic wave attenuating composition. 4,493,912, 1-15-85, Cl. 523-137.000.
Dudley, Darnell T.; and Luhrs, Herman F., to Dynamic Technological Developments, Inc. Process and apparatus for effecting carburetion. 4,504,425, 3-12-85, Cl. 261-50.00A.
Dudley, Edmond R., to In-Door Gym. Portable exercise device. 4,557,480, 12-10-85, Cl. 272-133.000.
Dudli, Andreas: *See—*
  Fuchs, Ernst; and Dudli, Andreas, 4,532,035, Cl. 210-150.000.
Dudouyt, Jean-Paul. Post assembly for knock-down furniture. 4,509,806, 4-9-85, Cl. 312-257.0SK.
Dudzik, Joachim; and Dudzik, Winfried. Sensor for label transporting equipment. 4,547,249, 10-15-85, Cl. 156-363.000.
Dudzik, Winfried: *See—*
  Dudzik, Joachim; and Dudzik, Winfried, 4,547,249, Cl. 156-363.000.
Duebel, Clive P. J.: *See—*
  Barclay, John L.; Brooks, Alan G.; and Duebel, Clive P. J., 4,492,497, Cl. 406-153.000.
Dueber, Thomas E., to Du Pont de Nemours, E. I., and Company. Single exposure positive contact multilayer photosolubilizable litho element with two quinone diazide layers. 4,504,566, 3-12-85, Cl. 430-156.000.
Dueber, Thomas E.; and Nebe, William J., to Du Pont de Nemours, E. I., and Company. Alkali developable photopolymer crystalline composition. 4,555,473, 11-26-85, Cl. 430-281.000.
Dueber, Thomas E.: *See—*
  Anderson, Albert G.; and Dueber, Thomas E., 4,535,052, Cl. 430-277.000.
Duehr, Bernard W., Jr.: *See—*
  Ottestad, Jack B.; and Duehr, Bernard W., Jr., 4,550,784, Cl. 173-114.000.
Duel, Don M.; and Smith, Fred J., to Motorola, Inc. Method and apparatus for the measurement of the internal circumference of compliant rings. 4,559,708, 12-24-85, Cl. 33-178.00R.
Duell, Richard J., to Carrier Corporation. Rear panel and bracket mounting for a fan coil unit. 4,527,762, 7-9-85, Cl. 248-222.100.
Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Lucas, Ekhart; Merger, Franz; and Nees, Friedbert, to BASF Aktiengesellschaft. Process for the preparation of α-alkylacroleins. 4,496,770, 1-29-85, Cl. 568-463.000.
Duembgen, Gerd: *See—*
  Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, 4,520,125, Cl. 502-170.000.
Duena, Antonio P.: *See—*
  Caldero Ges, Jose M.; and Duena, Antonio P., 4,539,331, Cl. 514-400.000.
Duenke, Clarence G., to Warco, Inc. Transformer switch. 4,496,805, 1-29-85, Cl. 200-11.0TC.
Duerig, Thomas: *See—*
  Albrecht, Joachim; and Duerig, Thomas, 4,518,444, Cl. 148-402.000.

Duerig, Tom; and Melton, Keith, to Raychem Corporation. Method of processing beta-phase nickel/titanium-base alloys and articles produced therefrom. 4,502,896, 3-5-85, Cl. 148-11.50F.

Duerksen, John H.; Wall, Robert G.; and Knight, Jack D., to Chevron Research Company. Steam injection including alpha-olephin sulfonate dimer surfactant additives and a process of stimulating hydrocarbon recovery from a subterranean formation. 4,556,107, 12-3-85, Cl. 166-272.000.

Duerr, Peter C.; and De Facci, Claude. Above ground low voltage underwater light. 4,503,489, 3-5-85, Cl. 362-101.000.

Duescher, Wayne O., to Twin City Surgical, Inc. Cast cutter apparatus. 4,543,718, 10-1-85, Cl. 30-124.000.

Duey, Clarence J., Jr., to Celanese Corporation. Copper and manganese removal from C_6–C_9 saturated aliphatic monocarboxylic acids. 4,496,488, 1-29-85, Cl. 260-413.000.

Dufek, John H.: *See—*
  DeVries, James H.; and Dufek, John H., 4,547,923, Cl. 15-104.00R.

Duff, James M. Axle alignment bushing. 4,497,504, 2-5-85, Cl. 280-673.000.

Duff, James M.: *See—*
  Branston, Randolph E.; and Duff, James M., 4,557,989, Cl. 430-59.000.

Duff-Norton Company, Inc.: *See—*
  Barber, Ralph R.; and Schultze, Eckart F., 4,500,069, Cl. 251-282.000.
  Rollins, John P., 4,556,832, Cl. 318-467.000.

Duff, Oland J.: *See—*
  Chavers, Richard A.; and Duff, Oland J., 4,502,745, Cl. 339-17.00C.

Duffaut, Francois, to Imphy S.A. Iron-based alloys for welded structural elements, method of manufacturing such elements and structures built therefrom. 4,525,431, 6-25-85, Cl. 428-638.000.

Duffaut, Norbert C.: *See—*
  Le Ribault, Loic P.; Donogues, Jacques P.; and Duffaut, Norbert C., 4,553,597, Cl. 166-305.00R.

Duffee, Henry S. Shaft seal. 4,538,820, 9-3-85, Cl. 277-11.000.

Duffer, Paul F.; Kelly, Joseph D.; and Franz, Helmut, to PPG Industries, Inc. Method of applying interleaving material to glass sheets. 4,529,648, 7-16-85, Cl. 428-326.000.

Duffer, Paul F.; Franz, Helmut; and Kelly, Joseph D., to PPG Industries, Inc. Acidified powdered interleaving. 4,530,889, 7-23-85, Cl. 428-326.000.

Duffers Scientific, Inc.: *See—*
  Ferguson, Hugo S., 4,509,000, Cl. 318-591.000.

Duffey, Craig L.: *See—*
  Schieser, Warren J.; Vickers, Stanley E.; and Duffey, Craig L., 4,506,489, Cl. 53-64.000.

Duffield, Thomas P.; and Winnale, James A., to General Motors Corporation. Storage reel for door mounted restraint belt. 4,498,689, 2-12-85, Cl. 280-803.000.

Duffin, Edwin G.: *See—*
  Markowitz, Harold T.; Rueter, John C.; and Duffin, Edwin G., 4,505,276, Cl. 128-697.000.

Duffner, Paul: *See—*
  Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, 4,492,804, Cl. 564-493.000.
  Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Ohlinger, Manfred; Wilfinger, Hans J.; Pfannebecker, Emil; and Duffner, Paul, 4,521,527, Cl. 502-184.000.

Duffy, Dennis A. Brake wear sensor. 4,562,421, 12-31-85, Cl. 340-52.00A.

Duffy, Gifford R. Non-clogging eaves trough. 4,493,588, 1-15-85, Cl. 405-119.000.

Duffy, James J., to Ford Motor Company. Power steering valve with chamfered lands. 4,516,471, 5-14-85, Cl. 91-375.00A.

Duffy, James J., to Ford Motor Company. Variable assist power steering system. 4,561,521, 12-31-85, Cl. 180-142.000.

Duffy, James J.: *See—*
  Ilardo, Charles S.; and Duffy, James J., 4,504,611, Cl. 524-101.000.

Duffy, James T. Fluid expansion device. 4,507,066, 3-26-85, Cl. 418-61.00A.

Duffy, John J.: *See—*
  Gitlin, Harvey S.; and Duffy, John J., 4,499,983, Cl. 194-1.00G.

Duffy, John P., to Polysar Limited. Polymer recovery. 4,504,654, 3-12-85, Cl. 528-499.000.

Duffy, Joseph J.: *See—*
  Varallo, Thomas P.; Ervine, Albert W. G.; Duffy, Joseph J.; and Olson, Edwin G., 4,514,956, Cl. 53-148.000.

Duffy, Michael T.: *See—*
  Harbeke, Gunther; and Duffy, Michael T., 4,511,800, Cl. 250-372.000.

Duffy, Patrick E.: *See—*
  Sgroi, Nunzio B.; and Duffy, Patrick E., 4,494,533, Cl. 128-75.000.

Duffy, Patrick J.: *See—*
  Puckowski, Robert T.; Cooper, Dennis; and Duffy, Patrick J., 4,533,417, Cl. 156-51.000.

Duflot, Anabela; Gras, Helene; Tartar, Andre; Duflot, Edith; and Boquet, Patrice, to Institut Pasteur. Synthetic ST toxin, process for its preparation and its use as a vaccinating agent. 4,499,080, 2-12-85, Cl. 514-12.000.

Duflot, Edith: *See—*
  Duflot, Anabela; Gras, Helene; Tartar, Andre; Duflot, Edith; and Boquet, Patrice, 4,499,080, Cl. 514-12.000.

Dufner, Donald E. Crop clearing mechanism. 4,516,789, 5-14-85, Cl. 280-160.000.

Dufour, Charles H.; and Newman, Jonathan G., to Harris Corporation. Makeready system. 4,520,454, 5-28-85, Cl. 364-900.000.

DuFour, Daniel L., to Monsanto Company. Polyblends of thermoplastic copolyetheresters styrene-maleic anhydride polymers, and acrylonitrile-butadiene-styrene polymers. 4,500,679, 2-19-85, Cl. 525-64.000.

Dufour, Daniel L.; and Jones, William J., to Monsanto Company. Polyblends of thermoplastic copolyetheresters and acrylonitrile-butadiene-styrene polymers. 4,508,870, 4-2-85, Cl. 525-64.000.

DuFour, Howard R.: *See—*
  Glaser, Roger M.; Petrofsky, Jerrold S.; and DuFour, Howard R., 4,523,769, Cl. 280-252.000.

Dufour, Jacques. Automatic machine for coiling down cable. 4,513,922, 4-30-85, Cl. 242-54.00R.

Dufour, Mark D.: *See—*
  Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., 4,498,638, Cl. 242-45.000.
  Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., 4,555,052, Cl. 228-104.000.

DuFrene, Clement O., to Rosenmeier, Gordon, a part interest. Control valve apparatus and steering systems. 4,534,436, 8-13-85, Cl. 180-144.000.

DuFrene, Clement O., to Rosenmeier, Gordon, a part interest. Transplanters. 4,539,920, 9-10-85, Cl. 111-2.000.

DuFresne, Allen J., to Paper Converting Machine Company. Apparatus and method for transverse folding of webs. 4,521,209, 6-4-85, Cl. 493-432.000.

Dufresne, Gilles L.; Devlin, George V.; Campbell, Alexander F.; and Campbell, David, to Northern Telecom Limited. Enclosure for electrical and electronic equipment with temperature equalization and control. 4,495,545, 1-22-85, Cl. 361-384.000.

Dufresne, Pierre; Freund, Edouard; Marcilly, Christian; and Raatz, Francis, to Institut Francais du Petrole. Dewaxing process employing a catalyst with a highly dealuminated mordenite base. 4,501,656, 2-26-85, Cl. 208-111.000.

Dufresne, Raymond A. Non-conductive battery cable connector and electrically conductive clip for use therewith. 4,521,067, 6-4-85, Cl. 339-237.000.

DuFries, Ronald W., to Morgan Construction Company. Spinner drive for double block wire drawing machine. 4,511,096, 4-16-85, Cl. 242-47.010.

Duga, Robert J.; Kulig, Constantine W.; Doughty, Robert L.; Douglas, Robert J.; and Andersen, Robert P., to Emhart Industries, Inc. Electronic glass feeder plunger operating mechanism. 4,551,163, 11-5-85, Cl. 65-129.000.

Dugan, Charles; and Dugan, Timothy, to Farm Fresh Shrimp Corporation. Method and apparatus for rearing aquatic animals. 4,495,891, 1-29-85, Cl. 119-2.000.

Dugan, Charles; and Dugan, Timothy, to Farm Fresh Shrimp Corporation. Method and apparatus for rearing post-larvae shrimp. 4,501,227, 2-26-85, Cl. 119-2.000.

Dugan, Elmo A.; Kish, Louis G.; Miller, Edwin J.; and Fabian, George J. Aerial gunnery target deployment system. 4,496,159, 1-29-85, Cl. 273-341.000.

Dugan, J. Joseph. Counterweight door structure. 4,516,354, 5-14-85, Cl. 49-387.000.

Dugan, Larry M.: *See—*
  Bader, James S.; and Dugan, Larry M., 4,548,021, Cl. 53-398.000.

Dugan, Michael T.: *See—*
  Ippolito, Ronald A.; and Dugan, Michael T., 4,509,851, Cl. 355-14.00C.
  Miazga, Dennis E.; Nguyen, Tuan A.; and Dugan, Michael T., 4,499,581, Cl. 371-20.000.

Dugan, Robert J.: *See—*
  Cormier, Roger L.; Dugan, Robert J.; Guyette, Richard R.; Hankison, Ronald L.; Hao, Ming C.; Levin, Arthur L.; McClain, George A.; Wanish, Paul J.; and Zeitler, Carl, Jr., 4,497,022, Cl. 364-200.000.

Dugan, Timothy: *See—*
  Dugan, Charles; and Dugan, Timothy, 4,495,891, Cl. 119-2.000.
  Dugan, Charles; and Dugan, Timothy, 4,501,227, Cl. 119-2.000.

Dugas, Matthew P.: *See—*
  Bonin, Wayne A.; and Dugas, Matthew P., 4,541,026, Cl. 360-121.000.

Duggal, Vinod K.; Lyford-Pike, Edward J.; and Smith, Edward D., to Cummins Engine Company, Inc. Means and method for alternate fuel fumigation in internal combustion engines. 4,553,504, 11-19-85, Cl. 123-25.00J.

Duggan, Sharon: *See—*
  Weigle, Robert M.; Duggan, Sharon; Foster, Candace; Miner, Jonathan; Vantucci, John; and Woozley, Mark, 4,502,475, Cl. 128-92.0EB.

Dugge, Richard H., to ACF Industries, Incorporated. Automatic unloading outlet assembly. 4,544,306, 10-1-85, Cl. 406-30.000.

Dugger, Ben A., to Columbus Foundries, Inc. Pipe joint glands. 4,544,188, 10-1-85, Cl. 285-337.000.

Dughan, Terence G.; Farmery, George M.; and Payne, Derick A. Tubular assembly, method of preparing the assembly, apparatus for uphill teeming which incorporates the assembly and method of casting metal. 4,506,813, 3-26-85, Cl. 222-590.000.

Dugot, Richard S., to Biolectron, Inc. Electrical stimulating apparatus. 4,509,520, 4-9-85, Cl. 128-419.00F.

Dugre, Michael A. Variable color floodlight. 4,535,394, 8-13-85, Cl. 362-231.000.

- Dugua, Jacques, to Produits Chimiques Ugine Kuhlmann. Uranium peroxide in the form of spherical particles having good flowability and processes for preparing same. 4,530,823, 7-23-85, Cl. 423-260.000.
- Duguay, Michael A.: *See—*
  - Damen, Theodoor C.; Duguay, Michael A.; Howard, Richard E.; Jackel, Lawrence D.; and Skocpol, William J., 4,550,249, Cl. 250-201.000.
- Duhamel, Georges: *See—*
  - Malbec, Yves; Boisot, Yves; Bontemps, Daniel; and Duhamel, Georges, 4,500,760, Cl. 200-83.00C.
- DuHamel, Raymond H.: *See—*
  - Werner, William L.; and DuHamel, Raymond H., 4,498,084, Cl. 343-792.500.
- Duhault, Jacques: *See—*
  - Beregi, Laszlo; Hugon, Pierre; Duhault, Jacques; and Boulanger, Michelle, 4,505,921, Cl. 514-212.000.
  - Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, 4,492,696, Cl. 424-249.000.
  - Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,398, Cl. 514-245.000.
  - Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,399, Cl. 514-241.000.
  - Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, 4,529,729, Cl. 514-253.000.
  - Regnier, Gilbert; Guillonneau, Claude; Duhault, Jacques; and Boulanger, Michelle, 4,548,820, Cl. 514-255.000.
- Duhig, Gerard P.: *See—*
  - Lukis, Lawrence J.; and Duhig, Gerard P., 4,493,104, Cl. 382-13.000.
- Duhl, David N.; and Nguyen-Dinh, Xuan, to United States of America, Navy. Enhanced microstructural stability of nickel alloys. 4,492,672, 1-8-85, Cl. 420-448.000.
- Duhl, David N.; Chen, Otis Y.; and Gell, Maurice L., to United Technologies Corporation. Method for producing corrosion resistant high strength superalloy articles. 4,512,817, 4-23-85, Cl. 148-3.000.
- Duhon, Dane J. Cymbal support. 4,517,876, 5-21-85, Cl. 84-422.00R.
- Duijkers, Peter A., to U.S. Philips Corporation. Line synchronizing circuit for a picture display devices and picture display device comprising such a circuit. 4,535,358, 8-13-85, Cl. 358-158.000.
- Duijndam, Cornelis P. J.: *See—*
  - Zwijsen, Wilhelmus A. J. M.; Duijndam, Cornelis P. J.; and Smeulers, Wouter, 4,520,393, Cl. 358-149.000.
- Duir, John H.: *See—*
  - Deering, Roland F.; and Duir, John H., 4,523,979, Cl. 202-99.000.
  - Deering, Roland F.; and Duir, John H., 4,551,206, Cl. 202-99.000.
- DuJack, James M.: *See—*
  - Goodale, Robert H.; and DuJack, James M., 4,499,148, Cl. 428-447.000.
- Dukat, Alexander J., to Columbia Gas System Service Corporation. Backfill for magnesium anodes. 4,511,444, 4-16-85, Cl. 204-148.000.
- Duke, Alan H.; Hartung, Michael H.; Marschner, Frederick J.; and Nolan, Kenneth P., to International Business Machines Corporation. Cache bypass system with post-block transfer directory examinations for updating cache and/or maintaining bypass. 4,500,954, 2-19-85, Cl. 364-200.000.
- Duke, B. Michael; and Kempisty, Edward L., to Harris Graphics Corporation. Stack top control method and apparatus. 4,558,859, 12-17-85, Cl. 271-200.000.
- Duke, Billy M., to Harris Corporation. Gap maker. 4,546,871, 10-15-85, Cl. 198-425.000.
- Duke, Colin C.; and Wells, Robert J., to Hoffmann-La Roche Inc. 2,3-isopropylidene ribonic acid, 1,4-lactones. 4,501,908, 2-26-85, Cl. 549-305.000.
- Duke, George B. Garden and lawn tractor. 4,508,188, 4-2-85, Cl. 180-210.000.
- Duke, George B., Jr.; and Pierce, S. Mark. Lounge chair cover. 4,553,785, 11-19-85, Cl. 297-229.000.
- Duke, Herman K.: *See—*
  - King, Eddie W.; Duke, Herman K.; and Summerville, Don S., 4,554,419, Cl. 200-5.00A.
- Duke, Jerry R.: *See—*
  - Wenzel, Kenneth G.; and Duke, Jerry R., 4,524,652, Cl. 81-63.000.
- Duke, June T.; Mazeke, Herbert F.; and Prem, Dorothy C., to Standard Oil Company, The. Film-forming olefinic nitrile polymer latex and method of preparing same. 4,504,605, 3-12-85, Cl. 523-201.000.
- Duke, June T.; Samuels, Kenneth E.; and Brown, Mary-Catherine, to Standard Oil Company, The. Film-forming compositions of nitrile polymer latex blends. 4,510,204, 4-9-85, Cl. 428-463.000.
- Duke, Michael: *See—*
  - Chandhoke, Mohanjit S.; and Duke, Michael, 4,541,763, Cl. 414-45.000.
- Duke, Phillip W.: *See—*
  - Cox, Michael; Gray, Michael J.; and Duke, Phillip W., 4,518,420, Cl. 75-26.000.
- Duke, Ronald J.: *See—*
  - Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
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- Duke University: *See—*
  - Durack, David T., 4,492,761, Cl. 436-519.000.
  - Jobsis, Frans F.; Keizer, Hans H.; and Overaker, Ronald F., 4,510,938, Cl. 128-633.000.
  - McPhail, Andrew T.; Spielvogel, Bernard F.; and Hall, Iris H., 4,550,186, Cl. 556-8.000.
  - Osborne, Dennis R. S., 4,504,050, Cl. 269-328.000.
- Dukkers, Hendricus W. A. Resting device with rotatable covering envelope. 4,550,457, 11-5-85, Cl. 5-414.000.
- Dulapa, Mark J.; and Glenn, William M., Jr., to Technicare Corporation. Articulated arm ultrasound imaging systems. 4,492,119, 1-8-85, Cl. 73-621.000.
- Dulapa, Mark J., to Technicare Corporation. Hole-fill technique for diagnostic ultrasound imaging systems. 4,549,210, 10-22-85, Cl. 358-112.000.
- Dulin, Kerry, to Textron, Inc. Fastener driving device having a three stage firing circuit. 4,500,936, 2-19-85, Cl. 361-152.000.
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- Dulken, Hartmut; Kassel, Karlheinz; Mows, Wolfgang; and Walsdorfer, Hubert, to Licentia Patent-Verwaltungs-GmbH. Dual layer electrophotographic recording material containing a layer of selenium, arsenic and halogen, and thereabove a layer of selenium and tellurium. 4,513,072, 4-23-85, Cl. 430-57.000.
- Dullabaun, Paul W., to Owens-Illinois, Inc. Tamper indicating package. 4,549,667, 10-29-85, Cl. 215-252.000.
- Dullea, Leonard V.; Loughridge, Frederick A.; and Johnson, Stephen G., to GTE Products Corporation. Low-pressure arc discharge lamp having parallel discharge tubes with an arc-containing interconnecting channel; and method of manufacturing same. 4,530,710, 7-23-85, Cl. 65-56.000.
- Dulmison Pty. Limited: *See—*
  - Hearnshaw, David, 4,554,403, Cl. 174-42.000.
- Dulski, John; and Klobas, John, to Buffalo Dental Mfg., Co., Inc. Centrifuge with counter-balance scale. 4,557,314, 12-10-85, Cl. 164-287.000.
- Dulux Australia Ltd.: *See—*
  - Irvine, Antony J.; Leary, Bruce; and Such, Christopher H., 4,504,618, Cl. 524-457.000.
  - Parr, Rodney W., 4,538,000, Cl. 568-616.000.
- Duly, Dawn L.; Windischmann, Henry; and Buckley, W. D., to Perkin-Elmer Corporation, The. Method of fabricating a pellicle cover for projection printing system. 4,523,974, 6-18-85, Cl. 156-630.000.
- Dumanoir, Jean L.: *See—*
  - Clavier, Christian M.; and Dumanoir, Jean L., 4,495,604, Cl. 367-25.000.
  - Clavier, Christian M.; Dumanoir, Jean L.; and Dumestre, Alexis C., 4,502,121, Cl. 364-422.000.
- Dumarcher, Gerard: *See—*
  - Ponce, Max; and Dumarcher, Gerard, 4,502,413, Cl. 119-1.000.
- Dumas, Daniel; du Mesnildot, Bruno; and Michel, Christian, to Societe des Electrodes et Refractaires Savoie (SERS). Refractory products formed by grains bound by carbon residues and metal silicon in powder form and process for the production thereof. 4,544,641, 10-1-85, Cl. 501-87.000.
- Dumas, David H., to Hercules Incorporated. Aqueous sizing compositions. 4,522,686, 6-11-85, Cl. 162-158.000.
- Dumas, Glen A.: *See—*
  - Ziehm, Richard T.; Wilczek, Stephen P.; Baker, George E.; Husted, Raymond R.; Dumas, Glen A.; Bunker, Keith G.; and Place, George H., Jr., 4,521,847, Cl. 364-184.000.
- Dumas, Herve: *See—*
  - Ferrand, Gerard; Dumas, Herve; Bayssat, Michel; and Depin, Jean-Claude, 4,552,878, Cl. 514-243.000.
- Dumas, Philip E.: *See—*
  - Stockel, Richard F.; and Dumas, Philip E., 4,536,571, Cl. 536-23.000.
- Dumas, Richard H.: *See—*
  - Katz, Lawrence E.; and Dumas, Richard H., 4,504,667, Cl. 546-345.000.
- Dumas, Samuel R. Automatic apparatus for positioning footballs for kicking. 4,511,141, 4-16-85, Cl. 273-55.00B.
- Dumas, Ted A.; Vet, Maarten; and Buchmeyer, Sam K., to Rockwell International Corporation. Nuclear blast resistant parabolic antenna feed means. 4,506,265, 3-19-85, Cl. 343-704.000.
- Dumay, Gerald: *See—*
  - Takats, Gilbert; and Dumay, Gerald, 4,495,568, Cl. 364-200.000.
- Dumbaugh, George D., to Kinergy Corporation. Sifter stroke screening unit. 4,492,629, 1-8-85, Cl. 209-332.000.
- Dumbeck, Robert F. Means and method of sensing motor rotation speed from stray escaping flux. 4,495,448, 1-22-85, Cl. 318-54.000.
- Dumbeck, Robert F. Energy efficient building with underground concrete walls. 4,557,084, 12-10-85, Cl. 52-169.110.
- Dumbri, Austin C.; and Procyk, Frank J., to AT&T Bell Laboratories. Folded bit line memory with one decoder per pair of spare rows. 4,494,220, 1-15-85, Cl. 365-200.000.
- Dumbri, Austin C., to AT&T Bell Laboratories. Sense amplifier latch voltage waveform generator circuit. 4,529,889, 7-16-85, Cl. 307-269.000.
- Dumbri, Austin C.; and Procyk, Frank J., to AT&T Bell Laboratories. Memory using multiplexed row and column address lines. 4,541,078, 9-10-85, Cl. 365-230.000.
- Dumbser, Gerhard; Lutz, Manfred; Fey, Rainer; and Weiss, Kurt, to Fichtel & Sachs AG. Control locking installation for motor vehicle doors. 4,519,227, 5-28-85, Cl. 70-264.000.

Dumesic, James A.: *See—*

Baker, Rees T.; Chludzinski, James J.; and Dumesic, James A., 4,529,626, Cl. 427-226.000.

du Mesnildot, Bruno: *See—*

Dumas, Daniel; du Mesnildot, Bruno; and Michel, Christian, 4,544,641, Cl. 501-87.000.

Dumestre, Alexis C.: *See—*

Clavier, Christian M.; Dumanoir, Jean L.; and Dumestre, Alexis C., 4,502,121, Cl. 364-422.000.

Dumitriu-Valcea, Eugene J.; and Dumitriu-Valcea, Mariana. Large-scale cold cup apparatus for vapor barriers resistance (permeance) testing. 4,557,138, 12-10-85, Cl. 73-38.000.

Dumitriu-Valcea, Mariana: *See—*

Dumitriu-Valcea, Eugene J.; and Dumitriu-Valcea, Mariana, 4,557,138, Cl. 73-38.000.

Dumke, William P.; and Woodall, Jerry M. P., to International Business Machines Corporation. Semiconductor transistor with graded base and collector. 4,518,979, 5-21-85, Cl. 357-30.000.

Dummer, Gerhard: *See—*

Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, 4,528,174, Cl. 423-488.000.

Schmidhammer, Ludwig; Dummer, Gerhard; Haselwarter, Klaus; and Strasser, Rudolf, 4,540,837, Cl. 570-211.000.

Dummermuth, Ernst, to Allen-Bradley Company. Programmable controller with intelligent positioning I/O modules. 4,510,565, 4-9-85, Cl. 364-136.000.

Dummermuth, Paul, to Von Arx A.G. Maschinenfabrik. Portable surface processing apparatus. 4,523,361, 6-18-85, Cl. 29-81.00J.

Dummler, Emil: *See—*

Detterbeck, Max; and Dummler, Emil, 4,558,894, Cl. 289-1.500.

Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, to Thomson-CSF. Structure for assembling complex electronic circuits. 4,547,834, 10-15-85, Cl. 361-386.000.

Dumont, Daniel, to U.S. Philips Corporation. Semiconductor memory having a dynamic discharge circuit. 4,539,659, 9-3-85, Cl. 365-226.000.

Dumont, Pascal G.; and Chiron, Daniel M., to Framatome & Cie. Inspection device for the tube plate of a heat exchanger. 4,516,426, 5-14-85, Cl. 73-432.00R.

Dumont, Philippe, to Dumont S.A. Oven with air convection combustion, more particularly for bakehouses. 4,492,216, 1-8-85, Cl. 126-21.00A.

Dumont S.A.: *See—*

Dumont, Philippe, 4,492,216, Cl. 126-21.00A.

Dumortier, Robert. Manhole with articulated cover members. 4,508,469, 4-2-85, Cl. 404-25.000.

Dumortier, Thierry M., to Fabrique Nationale Herstal. Connecting device between the wishbone and the mast of a sailboard. 4,546,720, 10-15-85, Cl. 114-98.000.

Dumoulin, Andre; Seguin, Marc; and Bouffard, Jean, to Northern Telecom Limited. Twisting machine. 4,525,993, 7-2-85, Cl. 57-58.520.

Dumoulin, Andre: *See—*

Bouffard, Jean; Dumoulin, Andre; and Lederhose, Edgar K., 4,523,423, Cl. 57-59.000.

Bouffard, Jean; Dumoulin, Andre; and Lederhose, Edgar K., 4,550,558, Cl. 57-58.520.

Dumoulin, Joseph, to Solvay & Cie. Process for the polymerization of vinylidene fluoride, in an aqueous suspending medium, in the presence of bis(alkyl) carbonate chain regulators. 4,524,194, 6-18-85, Cl. 526-84.000.

Dumoulin, Joseph; and De Berraly, Jean-Marie, to Solvay & Cie. Compositions based on vinylidene fluoride polymers incorporating boron carbide. 4,544,684, 10-1-85, Cl. 523-136.000.

Dumpis, Janis: *See—*

Meintrup, David R.; and Dumpis, Janis, 4,496,255, Cl. 400-208.000.

Dunaev, Viktor P.: *See—*

Dubrovsky, Evgeny V.; Dunaev, Viktor P.; and Kuzin, Anatoly I., 4,502,315, Cl. 72-385.000.

Dunaevsky, Leonid M.: *See—*

Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.

Dunaitschik, Rudolf, to Driam Metallprodukt GmbH & Co. KG. Apparatus for coating granules such as dragee pellets with a hardenable substance. 4,499,847, 2-19-85, Cl. 118-19.000.

Dunau, Mark J. Paint brush holder. 4,525,889, 7-2-85, Cl. 15-146.000.

Dunavin, Timothy E.; and Scarantino, Michael A., to Harper-Wyman Company. Thermostat calibration apparatus. 4,545,689, 10-8-85, Cl. 374-1.000.

Dunaway, Thomas J.; Spielberger, Richard K.; and Wittenberger, John C., to Honeywell Inc. Optoelectronic lens array with an integrated circuit. 4,528,446, 7-9-85, Cl. 250-216.000.

Dunbar, Bohn D.; Niswender, Gordon D.; and Hudson, James M., to Colorado State University Research Foundation. Antibody for the detection and quantification of atrazine. 4,530,786, 7-23-85, Cl. 260-112.00B.

Dunbar Furniture, Inc.: *See—*

Mitchell, Terry L.; and Hodge, David H., 4,511,198, Cl. 339-34.000.

Dunbar, Richard M. Method and apparatus for providing finely divided powder. 4,538,764, 9-3-85, Cl. 241-5.000.

Dunbar, Sidney G., to Owens-Corning Fiberglas Corporation. Highly dispersed continuous glass fiber mats. 4,547,421, 10-15-85, Cl. 428-285.000.

Duncan, Charles W.; and Murray, David G., to Waco International Corporation. Scaffold connector assembly. 4,549,634, 10-29-85, Cl. 182-179.000.

Duncan, Damon H., to Sperry Corporation. Damping mechanism for gyroscopes. 4,498,340, 2-12-85, Cl. 73-504.000.

Duncan, David J.: *See—*

Cavitt, Michael B.; and Duncan, David J., 4,544,731, Cl. 528-89.000.

Duncan, David S., to Wilkinson Sword Limited. Razors and shaving units for razors. 4,501,067, 2-26-85, Cl. 30-63.000.

Duncan, David T.; Lipscomb, David M.; McElligott, John; and Williams, Charles W., to Products for Health and Industry. Carbon dioxide rebreathing apparatus. 4,508,116, 4-2-85, Cl. 128-203.280.

Duncan, Don P., to Westvaco Corporation. Partial hydrogenation of tall oil rosin. 4,507,228, 3-26-85, Cl. 260-97.600.

Duncan, Don P.; and Cameron, Timothy B., to Westvaco Corporation. Rosin pentaerythritol ester preparation improvement. 4,548,746, 10-22-85, Cl. 260-104.000.

Duncan Electric Company, Inc.: *See—*

Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.

Mayfield, Glenn A., 4,514,686, Cl. 324-142.000.

Duncan, Freda. Star display. 4,523,260, 6-11-85, Cl. 362-121.000.

Duncan, Garland H., III; and Cooper, David L., to United States of America, Air Force. Strutless diffuser for gas turbine engine. 4,503,668, 3-12-85, Cl. 60-39.320.

Duncan, George A., to University of Kentucky Research Foundation, The. Method and apparatus for harvesting tobacco. 4,508,482, 4-2-85, Cl. 414-26.000.

Duncan, Hugh M.: *See—*

Daniel, Neville H.; and Duncan, Hugh M., 4,495,919, Cl. 123-440.000.

Daniel, Neville H.; and Duncan, Hugh M., 4,497,297, Cl. 123-440.000.

Duncan, Ian J., to Schmidt Manufacturing & Equipment (UK) Ltd. Brush control means. 4,490,874, 1-1-85, Cl. 15-87.000.

Duncan, James W., to Stencel Aero Engineering Corporation. Apparatus and method for compressing a sleeping bag into a container and the container therefor. 4,501,362, 2-26-85, Cl. 2[illegible]6-525.000.

Duncan, John J.; and Zvejnieks, Andrejs, to AZS Corporation. Technology for the production of inverse emulsion polymers. 4,539,368, 9-3-85, Cl. 524-748.000.

Duncan, Kevin: *See—*

Groves, Christopher K.; Duncan, Kevin; and Darwall, Edward C. D., 4,523,975, Cl. 156-643.000.

Duncan, L. Scot; Groth, Hugh F.; and Basile, Peter A., to Regina Corporation. Air-liquid separator for cleaning devices. 4,559,666, 12-24-85, Cl. 15-353.000.

Duncan, Richard K.; and Russell, Norton A., to Vernay Laboratories, Inc. Valve assembly. 4,535,818, 8-20-85, Cl. 137-846.000.

Duncan, Robert, to Westinghouse Electric Corp. Fuel grid with sleeves welded in notched grid straps. 4,521,374, 6-4-85, Cl. 376-462.000.

Duncan, Robert, to Westinghouse Electric Corp. Welding fixture for nuclear reactor fuel assembly grid. 4,556,776, 12-3-85, Cl. 219-121.0LC.

Duncan, Robert: *See—*

Kerrey, John S.; and Duncan, Robert, 4,522,330, Cl. 228-182.000.

Kobuck, Richard M.; Miller, Richard A.; Kalkbrenner, Ralph W.; Kerrey, John S.; and Duncan, Robert, 4,492,844, Cl. 219-121.0LC.

Duncan, Robert B., to Ethicon, Inc. Mesh tissue fasteners. 4,548,202, 10-22-85, Cl. 128-334.00C.

Duncan, Robert H.: *See—*

Kingen, Rickey W.; and Duncan, Robert H., 4,496,799, Cl. 179-100.00L.

Duncan, Ronnie J. Faucet and clamping mechanism. 4,553,277, 11-19-85, Cl. 4-643.000.

Duncan, Seymour. Electromagnetic pickup for a stringed musical instrument having ferromagnetic strings and method. 4,524,667, 6-25-85, Cl. 84-1.150.

Duncan, William A.: *See—*

Morr, Gary F.; and Duncan, William A., 4,500,997, Cl. 372-58.000.

Duncan, William C. W., to Plessey Overseas Limited. Electrical connectors. 4,498,718, 2-12-85, Cl. 339-59.00M.

Duncan, William S., to International Business Machines Corporation. Oscillator with crystal-resistive feedback. 4,560,956, 12-24-85, Cl. 331-116.00R.

Duncen, Robert J.; Maxner, Richard B.; McLean, Jean A.; and Mirley, William H., Jr., to USM Corporation. Lead sensing system. 4,549,087, 10-22-85, Cl. 250-561.000.

Duncombe, Edward; and Thatcher, Gordon, to United Kingdom Atomic Energy Authority. Electromagnetic pumps of the helical linear induction type. 4,527,955, 7-9-85, Cl. 417-50.000.

Duncombe, Edward: *See—*

Roach, Peter F.; Duncombe, Edward; and Hulse, Ian, 4,559,436, Cl. 219-85.00M.

Dundas, Richard E.; and Visser, Gerald H., to Plymouth Tank of West Michigan, Inc. Liquid tank spillage control system. 4,527,708, 7-9-85, Cl. 220-18.000.

- Dunder, Thomas A.: *See—*
  - Walls, John E.; and Dunder, Thomas A., 4,533,620, Cl. 430-157.000.
- Dunegan Corporation: *See—*
  - Feng, Ching C., 4,510,812, Cl. 73-644.000.
- Dunegan, Luther H.: *See—*
  - Stone, Richard J.; Dunegan, Luther H.; and Smith, George E., 4,546,640, Cl. 73-19.000.
- Dunfield, John C., to Xerox Corporation. Adaptive print hammer damper. 4,538,930, 9-3-85, Cl. 400-144.200.
- Dung, Nguyen D.: *See—*
  - Brigham, William D.; and Dung, Nguyen D., 4,519,213, Cl. 62-52.000.
- Dungill, Kenneth F. Amalgam carrier. 4,515,563, 5-7-85, Cl. 433-90.000.
- Dungs, Horst: *See—*
  - Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,508,596, Cl. 202-227.000.
  - Weber, Heinrich; Lorenz, Kurt; and Dungs, Horst, 4,544,451, Cl. 202-114.000.
  - Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,556,455, Cl. 201-39.000.
- Dunham-Bush, Inc.: *See—*
  - Ingalls, Robert A., 4,527,967, Cl. 418-150.000.
  - Orlando, Salvatore; and Martin, David R., 4,536,130, Cl. 417-63.000.
  - Schaefer, Donald D., 4,508,491, Cl. 417-310.000.
  - Schaefer, Donald D., 4,545,742, Cl. 417-366.000.
  - Shaw, David N., 4,495,778, Cl. 62-209.000.
  - Shaw, David N., 4,497,185, Cl. 62-468.000.
- Dunham, David A.; Riggs, Robert P.; and Burton, Rufus L., Jr., to Red Fox Industries, Inc. Jack-up unit. 4,512,553, 4-23-85, Cl. 254-89.00R.
- Dunham, Warren D., to Schonstedt Instrument Company. Magnetic detector instrument with board-mounted sensor assembly. 4,536,710, 8-20-85, Cl. 324-244.000.
- Duni Bila AB: *See—*
  - Svensson, Sven A. T., 4,524,474, Cl. 5-484.000.
- Dunk, Michael P.: *See—*
  - Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., 4,535,409, Cl. 364-481.000.
- Dunkelberger, David L., to Rohm and Haas Company. Dunkelspersers. 4,539,375, 9-3-85, Cl. 525-260.000.
- Dunkley, James L.; and Dobkin, Robert C., to National Semiconductor Corporation. Semiconductor device with an ion implanted stabilization layer. 4,496,963, 1-29-85, Cl. 357-22.000.
- Dunlap, Kenneth W., to Derata Corporation. Hypodermic jet injector. 4,507,113, 3-26-85, Cl. 604-71.000.
- Dunlap, Raymond R.: *See—*
  - Hutchins, Burleigh M.; Dunlap, Raymond R.; and Abrahams, Louis, 4,507,044, Cl. 414-744.00R.
- Dunleavy, James E., Jr., to Eastman Kodak Company. Collating document feeder and reproduction apparatus having copy duplexing capabilities. 4,512,651, 4-23-85, Cl. 355-14.0SH.
- Dunlop Limited: *See—*
  - Askam, John F.; and Coton, William H., 4,504,337, Cl. 156-64.000.
  - Atkin, Howard S., 4,496,331, Cl. 464-70.000.
  - Cheetham, Ivan C.; and Pope, George A., 4,509,559, Cl. 138-121.000.
  - Colford, Terence H., 4,543,075, Cl. 464-76.000.
  - Fennell, Thomas G.; and Fisher, Ronald, 4,526,616, Cl. 75-234.000.
  - Haines, Robert C.; and Pridgeon, Royce, 4,504,345, Cl. 156-213.000.
  - Moore, Alan F., 4,533,274, Cl. 403-31.000.
  - Moore, Alan F., 4,543,010, Cl. 403-225.000.
  - Skipper, John B., 4,552,035, Cl. 74-581.000.
  - Slater, Christopher J., 4,509,558, Cl. 138-104.000.
  - Yardley, James F., 4,537,825, Cl. 428-327.000.
- Dunlop Olympics Limited: *See—*
  - Wilkinson, Maxwell; Patten, Malcolm J.; and Lee, Jeffrey H., 4,561,267, Cl. 66-178.00A.
- Dunlop Sports Company, div. Dunlop Tire and Rubber Corp.: *See—*
  - Byars, Larry W.; and Jackson, Eric C., 4,496,421, Cl. 156-304.100.
- Dunmire, Howard L.: *See—*
  - Horn, Stuart B.; Wright, Richard A.; and Dunmire, Howard L., 4,534,176, Cl. 62-6.000.
- Dunmire, Robert W.; Miller, Drew J.; and Johnson, Michael D., to Becton, Dickinson and Company. Wearing apparel and methods for manufacturing of wearing apparel. 4,519,098, 5-28-85, Cl. 2-161.00R.
- Dunn, Aubrey J., to United States of America, Army. X-ray reflective optical elements. 4,513,434, 4-23-85, Cl. 378-85.000.
- Dunn, Charles S., to Owens-Corning Fiberglas Corporation. Electric glass melting furnace. 4,491,951, 1-1-85, Cl. 373-30.000.
- Dunn, Charles S., to Owens-Corning Fiberglas Corporation. Arc circuit electrodes for arc glass-melting furnace. 4,514,851, 4-30-85, Cl. 373-27.000.
- Dunn, Charles S.; Propster, Mark A.; and Hohman, Charles M., to Owens-Corning Fiberglas Corporation. Melting furnaces. 4,528,013, 7-9-85, Cl. 65-136.000.
- Dunn, David C.; and Scarrow, David. Vascular clamp. 4,531,519, 7-30-85, Cl. 128-327.000.
- Dunn, David C.; and Scarrow, David, to DRG (UK) Ltd. Vascular clamp. 4,542,743, 9-24-85, Cl. 128-327.000.
- Dunn, Edward G., Jr.; and Dunn, Edward G., Sr. Bumper for outdoor bumper pool table. 4,531,739, 7-30-85, Cl. 273-127.00C.
- Dunn, Edward G., Jr.; and Dunn, Edward G., Sr. Side rail for outdoor bumper pool table. 4,549,735, 10-29-85, Cl. 273-9.000.
- Dunn, Edward G., Sr.: *See—*
  - Dunn, Edward G., Jr.; and Dunn, Edward G., Sr., 4,531,739, Cl. 273-127.00C.
  - Dunn, Edward G., Jr.; and Dunn, Edward G., Sr., 4,549,735, Cl. 273-9.000.
- Dunn, George T.: *See—*
  - Kutnyak, Thomas A.; Dunn, George T.; and Guiles, Chester L., 4,518,018, Cl. 138-130.000.
- Dunn, Gerald R.: *See—*
  - Abel, Kenneth N.; and Dunn, Gerald R., 4,561,586, Cl. 228-264.000.
- Dunn, J. Malcolm. Screw fasteners and drivers. 4,528,874, 7-16-85, Cl. 81-57.370.
- Dunn, James C.; Hardee, Harry C.; and Striker, Richard P., to United States of America, Energy. Convective heat flow probe. 4,547,080, 10-15-85, Cl. 374-135.000.
- Dunn, James M., to Verex Laboratories, Inc. Sustained released aspirin formulation. 4,520,009, 5-28-85, Cl. 424-78.000.
- Dunn, James M., to Verex Laboratories, Inc. Constant release rate solid oral dosage formulations of quinidine. 4,521,401, 6-4-85, Cl. 424-19.000.
- Dunn, James M., to Verex Laboratories, Inc. Constant release rate solid oral dosage formulations of hydrazine. 4,521,402, 6-4-85, Cl. 424-19.000.
- Dunn, James M., to Verex Laboratories, Inc. Constant release rate solid oral dosage formulations of propranolol. 4,522,804, 6-11-85, Cl. 424-19.000.
- Dunn, James M.; and Haas, Ronald T., to Verex Laboratories, Inc. Constant order release, solid dosage indomethacin formulation and method of treating arthritis and other inflammatory conditions. 4,525,345, 6-25-85, Cl. 424-22.000.
- Dunn, James P., to Microffice Systems Technology. Portable computer. 4,497,036, 1-29-85, Cl. 364-708.000.
- Dunn, Jimmy L.; Mayo, George L.; and Romeo, Frank C., to Automated Robotic Systems, Inc. Robot tool changer. 4,520,550, 6-4-85, Cl. 29-568.000.
- Dunn, Jimmy L.; Gilstrap, Lonnie D.; Land, Ronny L.; and Romeo, Frank C. Robot grippers. 4,544,193, 10-1-85, Cl. 294-86.400.
- Dunn, John R., to Polysar Limited. Bonded elastomeric hose assembly. 4,522,852, 6-11-85, Cl. 428-36.000.
- Dunn, Joseph P. Wind resistance exercise device. 4,527,794, 7-9-85, Cl. 272-70.000.
- Dunn, Joseph V., to Azonic Technology, Inc. Nitride etch bath. 4,559,098, 12-17-85, Cl. 156-345.000.
- Dunn, Kenneth. Air cushion lawn mower. 4,510,738, 4-16-85, Cl. 56-12.800.
- Dunn, Lori J.: *See—*
  - Smith, Walter P.; and Dunn, Lori J., 4,529,588, Cl. 424-70.000.
- Dunn, Michael R.: *See—*
  - Lind, Michael A.; and Dunn, Michael R., 4,521,963, Cl. 30-92.000.
- Dunn, Philip; and King, David A., to Dunn, Philip. Wheelchair with rocking seat and reclining back feature. 4,544,200, 10-1-85, Cl. 297-265.000.
- Dunn, Richard A. Center of gravity block removal, appraisal and balancing game. 4,522,393, 6-11-85, Cl. 273-1.0GF.
- Dunn, Richard G. Rubber boat stern support device. 4,526,126, 7-2-85, Cl. 114-365.000.
- Dunn, Robert H., to Eaton Corporation. Energy discriminating channel select logic. 4,556,982, 12-3-85, Cl. 375-10.000.
- Dunn, Robert M. Power-driven lawnmower. 4,559,768, 12-24-85, Cl. 56-16.900.
- Dunn, Robert N. Surgical gloves and surface treatment of surgical gloves for avoiding starch peritonitis and the like. 4,540,407, 9-10-85, Cl. 604-292.000.
- Dunn, Robert T.: *See—*
  - Brown, William M.; and Dunn, Robert T., 4,495,386, Cl. 179-2.510.
- Dunn, Stephen J.; and Sparrow, Alan W. Piston for internal combustion engine. 4,548,127, 10-22-85, Cl. 92-220.000.
- Dunn, Steven T.: *See—*
  - Barbetta, Angelo J.; Gruber, Robert J.; Isganitis, Louis V.; Law, Kock-Yee; Lin, John W.; Koch, Ronald J.; and Dunn, Steven T., 4,539,284, Cl. 430-110.000.
- Dunn, William J.: *See—*
  - Cianci, James P.; and Dunn, William J., 4,501,584, Cl. 604-322.000.
  - Semrow, Carolyn M.; Kolstedt, Mark W.; and Dunn, William J., 4,510,941, Cl. 128-671.000.
- Dunnavant, William R.; Langer, Heimo J.; and Sedgwick, Grant O., to Ashland Oil, Inc. Process of forming foundry cores and molds utilizing binder curable by free radical polymerization. 4,526,219, 7-2-85, Cl. 164-16.000.
- Dunnavant, William R.; Gardikes, John J.; and Langer, Heimo J., to Ashland Oil, Inc. Phenolic resin-polyisocyanate binder systems containing a phosphorus halide and use thereof. 4,540,724, 9-10-85, Cl. 523-143.000.
- Dunnavant, William R.: *See—*
  - Gruber, Bruce A.; Koch, Diether; Langer, Heimo J.; and Dunnavant, William R., 4,529,771, Cl. 524-542.000.
- Dunne, Maurice J., to Unimation, Inc. Control system for manipulator apparatus with initializing stabilization and inertia scaling. 4,510,428, 4-9-85, Cl. 318-632.000.
- Dunner, Max, to Lista AG. Locking apparatus for drawers and the like. 4,525,012, 6-25-85, Cl. 312-222.000.
- Dunning, Donald T. Clamping device for use on hand truck. 4,492,505, 1-8-85, Cl. 414-454.000.
- Dunning, John S.: *See—*
  - Oden, Laurance L.; and Dunning, John S., 4,498,928, Cl. 75-124.000.

- Dunning, Walter B.; and Bundschuh, Robert L., to Clorox Company, The. Trigger sprayer. 4,538,745, 9-3-85, Cl. 222-153.000.
- Dunphy, Gerald F.; and Newman, Donald J., to Ogden Industries Pty. Ltd. Cylinder lock and key. 4,512,166, 4-23-85, Cl. 70-366.000.
- Dunrite, Inc.: *See—*
  - Anderson, William H., 4,531,256, Cl. 15-300.00A.
- Dunsmoor, Forrest L., to Peachtree Doors, Inc. Window construction. 4,558,536, 12-17-85, Cl. 49-404.000.
- Dunsmuir, John H.: *See—*
  - Deckman, Harry W.; and Dunsmuir, John H., 4,512,848, Cl. 156-630.000.
- Dunstan, Ericson M.; Gervais, William J.; and McClelland, S. Barry, to Micropolis. High precision floppy disc memory system. 4,523,240, 6-11-85, Cl. 360-99.000.
- Dunstan, Phillip E. Water preheater system. 4,503,839, 3-12-85, Cl. 126-437.000.
- Dunsworth, Charles L., to Metalines, Inc. Fire resistant expansion joint cover. 4,517,779, 5-21-85, Cl. 52-232.000.
- Dunsworth, Charles L., to Metalines, Inc. Phosphorescent tread plate and composition. 4,522,861, 6-11-85, Cl. 428-192.000.
- Dunsworth, Charles L., to Metalines, Inc. Wide extension expansion joint assembly. 4,557,082, 12-10-85, Cl. 52-109.000.
- Dunwald, Willi: *See—*
  - Zecher, Wilfried; Merten, Rudolf; and Dunwald, Willi, 4,517,353, Cl. 528-45.000.
  - Zecher, Wilfried; Dunwald, Willi; Merten, Rudolf; and Reinking, Klaus, 4,546,162, Cl. 528-67.000.
- Duo-Fast Corporation: *See—*
  - Doyle, Richard H.; and Fiori, Lee B., 4,523,646, Cl. 173-15.000.
  - Schwartzenberger, Julius W., 4,550,643, Cl. 91-356.000.
- Duo-Matic/Olsen Inc.: *See—*
  - Hwang, Kyu S.; and Koestler, Dennis J., 4,537,178, Cl. 126-110.00R.
  - Hwang, Kyu S.; and Koestler, Dennis J., 4,561,421, Cl. 126-110.00R.
- Duparchy, Jacques. Process of formation of an image of the eye free from reflections for its recording by picture taking and/or its observation and apparatus for putting into action of the process. 4,533,223, 8-6-85, Cl. 351-206.000.
- Dupart, Eliane: *See—*
  - Canet, Roland; Delhaes, Pierre; Dupart, Eliane; Pacault, Adolphe; Pascal, Claude; and Manceau, Jean-Pierre, 4,535,317, Cl. 338-36.000.
- Duperon, Terry. Adjustable spirit level construction. 4,546,549, 10-15-85, Cl. 33-334.000.
- Dupeyrat, Benoit: *See—*
  - Juvin, Didier; and Dupeyrat, Benoit, 4,545,067, Cl. 382-21.000.
- Duphar International Research B.V.: *See—*
  - Brouwer, Marius S.; and Grosscurt, Arnoldus C., 4,550,202, Cl. 564-23.000.
  - Kamstra, Paulus R., 4,496,344, Cl. 604-90.000.
  - Kamstra, Paulus R., 4,529,403, Cl. 604-136.000.
  - Paerels, Gerard B.; and Raven, Cornelis W., 4,550,205, Cl. 564-166.000.
  - Ruijten, Henri M.; De Bree, Hans; Van Amsterdam, Peter H.; and Wiegers, Elbert, 4,554,071, Cl. 210-198.200.
  - Vandewalle, Maurits; Vanmaele, Luc J.; De Clercq, Pierre J.; Halkes, Sebastianus J.; and Overbeek, Wilhelmus R. M., 4,539,153, Cl. 260-397.200.
- Dupin, Thierry, to Rhone-Poulenc Specialites Chimiques. Alumina coating compositions for catalyst supports and process for their formulation. 4,529,718, 7-16-85, Cl. 502-439.000.
- Dupin, Thierry, to Rhone-Poulenc Specialites Chimiques. Catalytic desulfurization of industrial waste gases. 4,532,119, 7-30-85, Cl. 423-230.000.
- Dupin, Thierry; and Voirin, Robert, to Societe Nationale Elf Aquitaine. Catalytic desulfurization process of an acid gas containing H_2S. 4,544,534, 10-1-85, Cl. 423-230.000.
- Dupin, Thierry: *See—*
  - Jacques, Roland; and Dupin, Thierry, 4,514,511, Cl. 502-8.000.
  - Toulhoat, Herve; Jacquin, Yves; and Dupin, Thierry, 4,499,203, Cl. 502-247.000.
  - Toulhoat, Herve; Jacquin, Yves; and Dupin, Thierry, 4,552,650, Cl. 208-216.0PP.
- Duplessis, Philippe: *See—*
  - Delpit, Philippe; Duplessis, Philippe; and Renaudin, Yves, 4,510,601, Cl. 370-110.300.
  - Grauel, Christoph; Duplessis, Philippe; and Tarabout, Alain, 4,551,852, Cl. 455-33.000.
- Duplex Lighting, Inc.: *See—*
  - Welch, Thomas M., 4,509,881, Cl. 403-229.000.
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- Dupont, Andre; and Laurent, Paul. Tile for an entrance mat. 4,497,858, 2-5-85, Cl. 428-44.000.
- Dupont, Bernard: *See—*
  - Bailleux, Christian; Bernard, Michel; Dupont, Bernard; Lozach, Guy; and Mata, Jean-Pierre, 4,493,917, Cl. 524-394.000.
- Dupont, Camille: *See—*
  - Claes, Paul; Dauby, Christian; Dupont, Camille; and Van Cangh, Luc, 4,557,743, Cl. 65-29.000.
- Du Pont de Nemours, E. I., and Company: *See—*
  - Abbott, Scot D.; and Luddy, Michael A. G., 4,521,521, Cl. 436-517.000.
  - Adalsteinsson, Orn, 4,524,150, Cl. 514-469.000.
  - Adams, John B., Jr., 4,534,788, Cl. 71-92.000.
  - Aerts, Armand, 4,551,492, Cl. 524-40.000.
  - Agers, Brian M.; and Goldstein, Arnold S., 4,492,009, Cl. 28-254.000.
  - Aikens, Paul W., 4,553,805, Cl. 339-75.0MP.
  - Anderson, Albert G.; and Dueber, Thomas E., 4,535,052, Cl. 430-277.000.
  - Anderson, Arthur W.; Fritschel Scott J.; and Holmquist, Howard E., 4,522,995, Cl. 526-243.000.
  - Anderson, Burton C.; England, David C.; and Resnick, Paul R., 4,496,750, Cl. 549-455.000.
  - Andrews, Gerald D., 4,522,990, Cl. 526-180.000.
  - Angelucci, Richard J.; Cope, Andrew P.; Hallam, Donald E.; and Ladd, Harry E., 4,555,067, Cl. 242-35.50A.
  - Antal, Paul S.; and Katz, Manfred, 4,499,716, Cl. 57-234.000.
  - Baker, Melvin C., 4,525,580, Cl. 528-490.000.
  - Baker, W. Barry; and Betsill, Harry E., 4,527,953, Cl. 417-38.000.
  - Baker, William B.; and [illegible]ill, Harry E., 4,554,639, Cl. 364-556.000.
  - Bankar, Vilas G.; S[illegible]hlik, [illegible]erry L.; and Werny, Frank, 4,492,731, Cl. 428-362.000.
  - Bartlett, Philip L.; [illegible], J[illegible]n J., Jr.; and Sterling, John D., Jr., 4,543,202, Cl. 252-[illegible]
  - Bassa, Altan, 4,545,32[illegible], Cl. 118-50.000.
  - Bayan, Ghawamedin, 4,515,858, Cl. 428-364.000.
  - Bednarek, Milan B.; and Houze, Eric C., 4,555,535, Cl. 524-40.000.
  - Bellis, Harold E., 4,543,424, Cl. 564-215.000.
  - Ben, Victor R., 4,506,070, Cl. 528-287.000.
  - Benin, Joshua; and Luoma, Robert P., II, 4,501,951, Cl. 219-243.000.
  - Benin, Joshua; Delp, Helen R.; and Krauss, Leland L., 4,521,263, Cl. 156-159.000.
  - Beresniewicz, Aleksander, 4,555,556, Cl. 526-212.000.
  - Bissot, Thomas C.; and Li, Stephen, 4,539,084, Cl. 204-98.000.
  - Bissot, Thomas C.; and Li, Stephen, 4,552,631, Cl. 204-98.000.
  - Blair, Leslie M., 4,539,387, Cl. 528-232.000.
  - Boeckel, John W., 4,507,110, Cl. 494-10.000.
  - Booker, Reginald A., 4,499,182, Cl. 430-621.000.
  - Booker, Reginald A., 4,504,578, Cl. 430-621.000.
  - Booker, Reginald A., 4,510,237, Cl. 430-621.000.
  - Boswell, George A., Jr., 4,495,196, Cl. 514-427.000.
  - Boswell, George A., Jr.; and Cocuzza, Anthony J., 4,505,905, Cl. 514-150.000.
  - Briney, Gary C.; and Fuerniss, Stephen J., 4,517,281, Cl. 430-322.000.
  - Brittingham, Donald; Fletcher, George P.; and Henry, Harvey J., 4,542,764, Cl. 137-347.000.
  - Budzinski, John C.; and Levitt, George, 4,557,752, Cl. 71-92.000.
  - Bullis, David C., 4,546,444, Cl. 364-550.000.
  - Burrus, Harry O., 4,491,572, Cl. 423-539.000.
  - Burrus, Harry O., 4,508,697, Cl. 423-499.000.
  - Capriotti, Dante R., 4,550,132, Cl. 524-84.000.
  - Carcia, Peter F., 4,536,482, Cl. 502-5.000.
  - Carney, Thomas E.; Champion, Allan R.; and Logullo, Francis M., Sr., 4,515,636, Cl. 106-90.000.
  - Carter, Linda G., 4,502,882, Cl. 71-93.000.
  - Cavanaugh, Robert J., 4,514,537, Cl. 524-265.000.
  - Cavanaugh, Robert J., 4,529,781, Cl. 526-214.000.
  - Cescon, Lawrence A.; and Millet, Nolan J., Jr., 4,555,278, Cl. 149-21.000.
  - Chambers, William J., 4,520,093, Cl. 430-292.000.
  - Chang, Ike Y., 4,511,690, Cl. 524-606.000.
  - Chao, Tze; and Nyquist, Jack K., 4,532,113, Cl. 423-138.000.
  - Chen, Horng-Yih, 4,524,008, Cl. 252-62.560.
  - Cluff, Stephen L.; and Strolle, Clifford H., 4,504,620, Cl. 524-602.000.
  - Cluff, Stephen L.; Strolle, Clifford H.; and Breazeale, Robert D., 4,548,963, Cl. 523-427.000.
  - Coates, John S., 4,521,531, Cl. 502-242.000.
  - Cochran, Stanley R.; and Strahorn, Francis W., 4,500,278, Cl. 425-445.000.
  - Cohen, Abraham B.; and Webers, Vincent J., 4,551,415, Cl. 430-281.000.
  - Cook, William A.; Hoffman, Gary R.; and Pulford, William M., 4,518,958, Cl. 340-679.000.
  - Coombe, Anthony J., 4,502,641, Cl. 241-5.000.
  - Copelin, Harry B., 4,500,705, Cl. 528-417.000.
  - Coursen, David L., 4,510,958, Cl. 137-13.000.
  - Coveleskie, Richard A.; and Lee, Shung-Yan L., 4,510,230, Cl. 430-273.000.
  - Cullen, Robert E.; Kurowski, Henry B.; and Sidwell, William S., 4,547,938, Cl. 28-254.000.
  - DeBergalis, Michael; and O'Fee, Robert P., 4,495,325, Cl. 524-507.000.
  - DeBergalis, Michael, 4,522,971, Cl. 524-547.000.
  - Debes, Michael H.; and Keenan, Paul C., III, 4,553,369, Cl. 53-55.000.
  - DeColibus, Raymond L.; van Heiningen, Jan J.; and Veerkamp, Thomas F., 4,529,816, Cl. 560-212.000.
  - DenHartog, Herman C.; and Walus, Aloysius N., 4,525,521, Cl. 524-517.000.
  - DenHartog, Herman C.; and Walus, Aloysius N., 4,529,765, Cl. 524-294.000.
  - Dickakian, Ghazi, 4,502,943, Cl. 208-44.000.
  - Dickakian, Ghazi, 4,503,026, Cl. 423-447.400.
  - Dickakian, Ghazi, 4,518,482, Cl. 208-22.000.
  - Dickakian, Ghazi, 4,518,483, Cl. 208-44.000.

Dickakian, Ghazi B., 4,522,701, Cl. 208-40.000.
Dickakian, Ghazi B., 4,548,703, Cl. 208-22.000.
Dickakian, Ghazi B., 4,548,704, Cl. 208-22.000.
Dickakian, Ghazi B., 4,551,225, Cl. 208-43.000.
Di Luccio, Robert C., 4,524,099, Cl. 428-213.000.
Donald, Dennis S.; and Lee, Ross A., 4,501,896, Cl. 548-251.000.
Donohue, Paul C., 4,512,917, Cl. 252-521.000.
Donohue, Paul C., 4,530,031, Cl. 361-321.000.
Druliner, Joe D.; and Hermolin, Joshua, 4,503,257, Cl. 568-342.000.
Dueber, Thomas E., 4,504,566, Cl. 430-156.000.
Dueber, Thomas E.; and Nebe, William J., 4,555,473, Cl. 430-281.000.
Ebersole, Richard C., 4,522,786, Cl. 422-56.000.
Eckelt, Peter; and Taylor, James A., Jr., 4,513,647, Cl. 83-203.000.
Edwards, Harold W., 4,501,501, Cl. 366-336.000.
Eigenbrode, George T., deceased, 4,552,420, Cl. 339-14.00R.
Ensminger, Joseph M., 4,496,207, Cl. 339-99.00R.
Ernst, Richard E., 4,499,291, Cl. 549-429.000.
Falcoff, Allan F., 4,494,677, Cl. 222-63.000.
Falcoff, Allan F.; Mikkelsen, Eric; and Rodrigues, Allan B. J., 4,511,251, Cl. 356-246.000.
Farago, John, 4,537,733, Cl. 264-9.000.
Farnham, William B.; and Sogah, Dotsevi Y., 4,524,196, Cl. 526-190.000.
Farnham, William B., 4,528,389, Cl. 556-446.000.
Faulhaber, Mark E., 4,538,915, Cl. 356-431.000.
Feiring, Andrew E., 4,525,539, Cl. 525-326.300.
Fenton, Jeff T.; Lundeen, Allan J.; Mack, Mark P.; and Merrick, Jean A., 4,539,374, Cl. 525-240.000.
Ferretti, August, 4,524,016, Cl. 252-301.40H.
Finizio, Michael, 4,548,943, Cl. 514-393.000.
Finizio, Michael, 4,548,946, Cl. 514-393.000.
Finlay, Joseph B., 4,529,784, Cl. 526-247.000.
Finlay, Joseph B.; and Ojakaar, Leo, 4,543,394, Cl. 525-276.000.
Fish, Floyd H., Jr.; and Lauterbach, Herbert G., 4,552,805, Cl. 428-297.000.
Fletcher, Richard J.; and Wischusen, Henry, III, 4,550,834, Cl. 206-611.000.
Flynn, Robert J., 4,527,754, Cl. 242-118.100.
Forrest, Albert W., Jr., 4,534,918, Cl. 264-22.000.
Forsten, Herman H., 4,536,439, Cl. 428-280.000.
Forsythe, Jesse G., Jr.; and Stafford, Sally S., 4,549,655, Cl. 206-569.000.
Frances, Arnold, 4,514,541, Cl. 524-514.000.
Freerksen, Robert W., 4,500,344, Cl. 71-93.000.
Fremont, Joseph M., 4,536,491, Cl. 502-174.000.
Freytag, J. William; and Litchfield, William J., 4,517,303, Cl. 436-501.000.
Freytag, William J.; and Chang, Shung-Ho, 4,551,426, Cl. 435-7.000.
Fryd, Michael; and Merriman, Burt T., Jr., 4,533,574, Cl. 427-385.500.
Fryd, Michael; and Goff, David L., 4,551,522, Cl. 528-351.000.
Fryd, Michael; and Merriman, Burt T., Jr., 4,562,100, Cl. 427-385.500.
Fuerniss, Stephen J., 4,497,889, Cl. 430-260.000.
Garrison, William E., Jr., 4,548,978, Cl. 524-314.000.
Gaul, Milton U., Jr., 4,507,072, Cl. 425-185.000.
Gebrian, Peter L.; and Jones, Charles B., 4,495,014, Cl. 156-80.000.
Geltosky, John E., 4,524,025, Cl. 260-112.00R.
Geltosky, ohn E., 4,521,510, Cl. 435-7.000.
Gessell, Donald E., 4,511,669, Cl. 502-110.000.
Gessell, Donald E., 4,518,706, Cl. 502-104.000.
Gramm, Jeffrey S.; Mongan, Edwin L., Jr.; and Sheeran, Patrick J., 4,495,108, Cl. 260-453.700.
Grossa, Mario; Tigler, Dieter H.; and Weinert, Hubert, 4,539,287, Cl. 430-300.000.
Grot, Walther G.; Rivers, Joseph T.; and Silva, Raimund H., 4,518,650, Cl. 428-286.000.
Grot, Walther G.; Molnar, Charles J.; and Resnick, Paul R., 4,544,458, Cl. 204-98.000.
Grubb, Eugene L.; and Matrick, Howard, 4,547,457, Cl. 430-449.000.
Haber, Stephen B., 4,500,520, Cl. 514-63.000.
Hageman, Larry H.; and Roy, Gerald A., Jr., 4,548,638, Cl. 71-93.000.
Hagman, John F.; and Shih, Chi-Kai, 4,520,169, Cl. 525-185.000.
Hare, James W., 4,539,170, Cl. 264-176.00F.
Hatchard, William R., 4,510,202, Cl. 428-295.000.
Haugh, Eugene F.; Kitts, Earle L., Jr.; and Mickewich, Daniel J., 4,496,652, Cl. 430-569.000.
Hauser, William P., 4,528,261, Cl. 430-322.000.
Hay, James V.; and Sauers, Richard F., 4,521,241, Cl. 71-92.000.
Heiart, Robert B.; and Cohen, Abraham B., 4,508,802, Cl. 430-22.000.
Heiart, Robert B.; and Cohen, Abraham B., 4,518,667, Cl. 430-22.000.
Heiart, Robert B.; and Cohen, Abraham B., 4,522,903, Cl. 430-22.000.
Heiart, Robert B.; and Cohen, Abraham B., 4,527,890, Cl. 355-100.000.
Heiart, Robert B., 4,548,884, Cl. 430-22.000.
Hermolin, Joshua, 4,499,305, Cl. 568-342.000.
Heyer, David E., 4,501,712, Cl. 264-101.000.
Hill, Broadus E., Jr., 4,518,133, Cl. 242-165.000.
Hoffman, Gary R., 4,532,501, Cl. 340-679.000.
Hoh, George L., 4,539,263, Cl. 428-500.000.
Hoh, George L., 4,550,141, Cl. 525-221.000.
Holyoke, Caleb W., 4,502,880, Cl. 71-74.000.
Honsberg, Wolfgang, 4,499,244, Cl. 525-384.000.
Hoorn, Willem A., 4,514,958, Cl. 53-266.00R.
Hormadaly, Jacob, 4,536,329, Cl. 252-518.000.
Hormadaly, Jacob, 4,537,703, Cl. 252-518.000.
Hormadaly, Jacob, 4,539,223, Cl. 427-102.000.
Hormadaly, Jacob, 4,548,741, Cl. 252-518.000.
Hormadaly, Jacob, 4,548,742, Cl. 252-519.000.
Houze, Eric C.; and Vasta, Joseph A., 4,503,175, Cl. 524-39.000.
Hwang, Sang-Hak, 4,514,455, Cl. 428-198.000.
Irwin, Robert S., 4,496,712, Cl. 528-191.000.
Irwin, Robert S., 4,499,259, Cl. 528-190.000.
Irwin, Robert S.; and Logullo, Francis M., Sr., 4,500,699, Cl. 528-128.000.
Johnson, Daniel D., 4,501,638, Cl. 156-644.000.
Johnson, Daniel D.; and Fritz, Herbert L., 4,517,050, Cl. 156-643.000.
Joiner, James R., Jr., 4,491,620, Cl. 428-421.000.
Jones, Willard J.; and Gannett, Thomas P., 4,558,164, Cl. 568-585.000.
Kaplit, Michael, 4,498,781, Cl. 356-435.000.
Kauer, James C., 4,511,390, Cl. 71-88.000.
Ketterer, Charles C., 4,504,612, Cl. 524-101.000.
Khan, Ausat A., 4,524,197, Cl. 526-206.000.
Kilkson, Henn, 4,496,361, Cl. 604-408.000.
Kirayoglu, Birol, 4,556,601, Cl. 428-219.000.
Kitto, David P., 4,520,170, Cl. 525-200.000.
Knight, Alan C., 4,546,144, Cl. 524-546.000.
Knupp, John L., Jr., 4,515,695, Cl. 210-634.000.
Kobsa, Henry; and Windley, William T., 4,559,196, Cl. 264-168.000.
Krahler, Stanley E.; and Remington, William R., 4,517,376, Cl. 560-87.000.
Krespan, Carl G., 4,531,011, Cl. 560-184.000.
Krueger, Achim R., 4,522,879, Cl. 428-323.000.
Kunz, Robert A., 4,546,179, Cl. 544-206.000.
Latham, Roger A., 4,536,541, Cl. 525-66.000.
Lauterbach, Herbert G., 4,547,933, Cl. 19-0.350.
Lee, Chi C., 4,554,207, Cl. 428-288.000.
Lee, Denny L. Y.; and Hay, Robert D., 4,498,048, Cl. 324-307.000.
Lee, Denny L. Y., 4,529,882, Cl. 250-363.00S.
Lee, Duk H.; Feierberg, Susan; and O'Brien, Robert E., 4,522,742, Cl. 252-301.160.
Lee, Ross A., 4,504,575, Cl. 430-531.000.
Lee, Ross A., 4,529,689, Cl. 430-534.000.
Lepone, Gerald E., 4,528,024, Cl. 71-92.000.
LeStrange, Raymond J.; Bayless, John H., Jr.; and Schoenberg, Allan R., 4,514,492, Cl. 430-600.000.
Levitt, George; and Petersen, Wallace C., 4,492,599, Cl. 71-93.000.
Levitt, George, 4,496,392, Cl. 71-93.000.
Levitt, George, 4,501,607, Cl. 71-93.000.
Levitt, George, 4,522,645, Cl. 71-93.000.
Levitt, George, 4,523,943, Cl. 71-90.000.
Levitt, George, 4,536,576, Cl. 544-321.000.
Levitt, George; and Wolf, Anthony D., 4,543,120, Cl. 71-93.000.
Levitt, George, 4,544,401, Cl. 71-92.000.
Levitt, George, 4,545,808, Cl. 71-92.000.
Levy, Stanley B., 4,510,300, Cl. 526-247.000.
Levy, Stanley B., 4,510,301, Cl. 526-254.000.
Levy, Stanley B., 4,544,721, Cl. 526-249.000.
Lewis, William, 4,548,975, Cl. 524-147.000.
Leyendecker, William R.; and Rapoport, Morris, 4,539,302, Cl. 502-24.000.
Li, George T. C., 4,521,484, Cl. 428-374.000.
Linder, Karen E., 4,512,967, Cl. 424-1.100.
Lindsey, Roland G.; and Simms, John A., 4,510,298, Cl. 526-87.000.
Litt, Gerald J.; and Litt, Lloyd C., 4,510,392, Cl. 250-475.200.
Liu, John J., 4,551,552, Cl. 564-448.000.
Loomis, Gary L., 4,540,719, Cl. 521-89.000.
Loomis, Gary L., 4,543,440, Cl. 525-539.000.
Loomis, Gary L., 4,555,528, Cl. 521-89.000.
Mabry, Melinda A.; Prichard, William W.; and Ziemecki, Stanislaw B., 4,550,185, Cl. 549-508.000.
Mack, Mark P.; and Shannon, Mark L., 4,525,468, Cl. 502-104.000.
Makansi, Munzer, 4,529,368, Cl. 425-72.00S.
Malhotra, Satish C., 4,530,981, Cl. 526-73.000.
Matrick, Howard, 4,546,072, Cl. 430-449.000.
Matrick, Howard, 4,561,899, Cl. 106-193.00P.
Mazur, Stephen, 4,512,855, Cl. 204-22.000.
McKenna, James M., 4,521,557, Cl. 524-94.000.
McKinney, Ronald J., 4,504,674, Cl. 560-202.000.
McNutt, James E.; Scott, Robert J.; and Welch, Charles W., 4,496,612, Cl. 427-310.000.
McShane, Herbert F., Jr.; Plimmer, Peter N.; and Stewart, Charles W., 4,503,192, Cl. 525-192.000.
Meehan, Patrick J., 4,528,657, Cl. 378-47.000.
Memeger, Wesley, Jr., 4,515,656, Cl. 162-101.000.
Middleton, William J., 4,535,184, Cl. 564-102.000.
Milford, George N., Jr., 4,551,549, Cl. 562-437.000.
Mirhej, Michael E., 4,505,867, Cl. 264-103.000.
Mitchell, Hardin D., Jr.; and Yunan, Malak E., 4,495,867, Cl. 102-275.400.
Moberg, William K., 4,496,551, Cl. 514-63.000.
Moberg, William K., 4,510,136, Cl. 514-63.000.
Moberg, William K., 4,530,922, Cl. 514-63.000.

- Moore, Herbert; Santos, Stephen; and Wysong, Robert D., 4,505,888, Cl. 424-1.100.
- Mukerji, Sushim, 4,502,699, Cl. 277-74.000.
- Mumaw, Clayton T., 4,539,290, Cl. 430-569.000.
- Neidich, Douglas A., 4,545,638, Cl. 339-205.000.
- Neiss, Melvin A.; and Woodruff, Robert W., 4,550,073, Cl. 430-273.000.
- Nelson, Thomas L., 4,505,013, Cl. 28-274.000.
- Nunn, Gary F., 4,554,716, Cl. 28-263.000.
- O'Brien, John P., 4,501,886, Cl. 536-57.000.
- Ojakaar, Leo, 4,529,759, Cl. 524-83.000.
- Ostermaier, John J., 4,521,628, Cl. 568-1.000.
- Page, Matthew A.; Libbey, William J.; and Lundeen, Allan J., 4,525,322, Cl. 264-531.000.
- Palmer, Russell N., 4,529,655, Cl. 428-399.000.
- Parshall, George W.; and Tam, Wilson, 4,507,241, Cl. 260-396.00R.
- Pasteris, Robert J., 4,492,596, Cl. 71-90.000.
- Paulson, Charles M., Jr.; and Faulhaber, Mark E., 4,521,111, Cl. 356-367.000.
- Peet, William G.; and Tebbe, Frederick N., 4,510,327, Cl. 568-1.000.
- Petersen, Wallace C., 4,491,467, Cl. 71-93.000.
- Petersen, Wallace C., 4,555,261, Cl. 71-90.000.
- Peterson, Marvin L., 4,533,761, Cl. 568-673.000.
- Phillips, William L., Jr., 4,518,440, Cl. 148-6.14R.
- Pick, Rudolph, 4,544,774, Cl. 568-617.000.
- Plotzker, Irene G., 4,515,761, Cl. 423-240.000.
- Portnoy, Robert C., 4,497,807, Cl. 514-222.000.
- Pruckmayr, Gerfried, 4,510,333, Cl. 568-617.000.
- Quinn, John A.; and O'Neil, James W., 4,518,666, Cl. 430-7.000.
- Rao, Velliyur N. M.; and Heinsohn, George E., 4,537,726, Cl. 260-453.00P.
- Reap, James J., 4,515,624, Cl. 71-92.000.
- Reap, James J., 4,534,789, Cl. 71-93.000.
- Rellick, Joseph R., 4,544,611, Cl. 428-673.000.
- Rellick, Joseph R., 4,547,436, Cl. 428-672.000.
- Resnick, Paul R., 4,526,948, Cl. 526-247.000.
- Resnick, Paul R., 4,556,747, Cl. 568-674.000.
- Riggs, Dennis M., 4,504,454, Cl. 423-447.100.
- Ritchie, Robert J., 4,519,884, Cl. 204-181.00C.
- Ritchie, Robert J., 4,554,061, Cl. 204-181.600.
- Robbins, Gordon B., 4,551,544, Cl. 556-40.000.
- Roberts, Winston J., 4,540,746, Cl. 525-408.000.
- Rodriguez, Manuel S., 4,497,790, Cl. 424-1.100.
- Romanauskas, William A., 4,509,940, Cl. 494-16.000.
- Romanauskas, William A., 4,511,350, Cl. 494-82.000.
- Romanauskas, William A., 4,552,278, Cl. 215-277.000.
- Rorer, Morris P., 4,494,979, Cl. 71-92.000.
- Rorer, Morris P., 4,511,392, Cl. 71-90.000.
- Rorer, Morris P., 4,514,211, Cl. 71-92.000.
- Rorer, Morris P., 4,514,214, Cl. 71-93.000.
- Rucker, Klaus G., 4,497,251, Cl. 102-202.600.
- Rucker, Klaus G., 4,517,895, Cl. 102-202.200.
- Schmiegel, Walter W., 4,496,682, Cl. 524-545.000.
- Seago, James L., 4,517,291, Cl. 435-14.000.
- Seiffert, Edward J., 4,518,343, Cl. 425-466.000.
- Shapiro, Rafael, 4,494,980, Cl. 71-92.000.
- Shapiro, Rafael, 4,547,217, Cl. 71-93.000.
- Shenvi, Ashokkumar B.; and Kettner, Charles A., 4,499,082, Cl. 514-2.000.
- Shenvi, Ashokkumar B., 4,537,773, Cl. 514-63.000.
- Shenvi, Ashokkumar B., 4,537,963, Cl. 546-66.000.
- Sieja, James B., 4,508,660, Cl. 260-465.400.
- Silva, Raimund H.; and Smith, Roger A., 4,544,471, Cl. 204-252.000.
- Simmons, Walter J., 4,543,044, Cl. 417-342.000.
- Siuta, Vincent P., 4,514,321, Cl. 252-512.000.
- Siuta, Vincent P.; and Slutsky, Joel, 4,521,329, Cl. 252-512.000.
- Siuta, Vincent P., 4,540,604, Cl. 427-96.000.
- Smith, Malcolm S., 4,510,281, Cl. 524-229.000.
- Sogah, Dotsevi Y.; and Webster, Owen W., 4,544,724, Cl. 526-279.000.
- Sowell, Lyles H., 4,494,921, Cl. 425-198.000.
- Spencer, Dudley W. C., 4,507,119, Cl. 604-280.000.
- Squire, Edward N., 4,496,749, Cl. 549-448.000.
- Squire, Edward N., 4,530,569, Cl. 350-96.340.
- Squire, Edward N., 4,533,741, Cl. 549-455.000.
- Squire, Edward N., 4,535,175, Cl. 549-455.000.
- Squire, Edward N., 4,540,799, Cl. 549-448.000.
- Squire, Edward N., 4,558,141, Cl. 549-455.000.
- Squire, Edward N., 4,560,778, Cl. 549-455.000.
- Stewart, Charles W., 4,503,171, Cl. 523-215.000.
- Stewart, Charles W., 4,507,439, Cl. 525-199.000.
- Strohmaier, Alfred J., 4,526,808, Cl. 427-57.000.
- Subramanian, Narayanan S., 4,520,183, Cl. 526-318.000.
- Subramanyam, Vinayakam; and Rajeckas, Algis, 4,526,776, Cl. 424-1.100.
- Sullivan, Thomas A.; and Witterholt, Vincent G., 4,556,733, Cl. 564-89.000.
- Sundet, Sherman A., 4,520,044, Cl. 427-244.000.
- Sundet, Sherman A., 4,529,646, Cl. 428-315.500.
- Sundet, Sherman A., 4,544,484, Cl. 210-500.200.
- Swoboda, Thomas J., 4,514,322, Cl. 252-518.000.
- Tam, Wilson, 4,538,003, Cl. 568-656.000.
- Tang, Chaucer C., 4,526,993, Cl. 549-445.000.
- Taylor, Barry E., 4,532,075, Cl. 252-514.000.
- Tynan, Daniel G., 4,556,324, Cl. 366-85.000.
- Usala, Hugo R., 4,536,535, Cl. 524-403.000.
- Uschold, Ronald E., 4,513,128, Cl. 526-212.000.
- Vander-Mallie, Ronald, 4,536,479, Cl. 436-537.000.
- Varallo, Thomas P.; Ervine, Albert W. G.; Duffy, Joseph J.; and Olson, Edwin G., 4,514,956, Cl. 53-148.000.
- Vasta, Joseph A., 4,495,247, Cl. 428-422.000.
- Vasta, Joseph A., 4,495,248, Cl. 428-422.000.
- Vasta, Joseph A., 4,503,174, Cl. 523-439.000.
- Vasta, Joseph A., 4,513,060, Cl. 428-416.000.
- Vasta, Joseph A., 4,517,378, Cl. 564-160.000.
- Vasta, Joseph A., 4,531,010, Cl. 560-125.000.
- Wallace, Lawrence R., 4,556,694, Cl. 525-239.000.
- Wang, Chia-Lin J., 4,530,933, Cl. 514-425.000.
- Webster, Owen W., 4,508,880, Cl. 526-190.000.
- Wheland, Robert C., 4,535,136, Cl. 526-214.000.
- Wilkerson, Wendell W., 4,503,065, Cl. 514-396.000.
- Wilkinson, William K., 4,526,935, Cl. 525-345.000.
- Wolf, Anthony D., 4,534,790, Cl. 71-93.000.
- Wolf, Anthony D., 4,547,215, Cl. 71-92.000.
- Wolfe, William R., Jr., 4,518,651, Cl. 428-308.800.
- Wolfe, William R., Jr., 4,549,921, Cl. 156-272.600.
- Wysong, Robert D., 4,557,929, Cl. 424-78.000.
- Zahr, George E., 4,501,876, Cl. 528-232.000.
- Zeldes, Michael D., 4,508,764, Cl. 427-296.000.
- Zimmerman, William T., 4,514,213, Cl. 71-93.000.
- Zunker, David W., 4,495,245, Cl. 428-403.000.

DuPont, John P., to RTE Corporation. Heat transfer device for electrical connector in insulating housing of high voltage splice or terminator. 4,555,588, 11-26-85, Cl. 174-73.00R.

DuPont, Preston S.; Ritter, Robert E.; and Stafford, John P., to Hughes Aircraft Company. Conductive coating process. 4,534,998, 8-13-85, Cl. 427-122.000.

Duppengiesser, Dieter: *See—*

- Hutzenlaub, Armin S. P.; and Duppengiesser, Dieter, 4,550,882, Cl. 242-56.600.

Dupraz, Didier: *See—*

- Bernard, Alain; and Dupraz, Didier, 4,559,415, Cl. 179-2.0DP.

DuPre, Jean: *See—*

- Hann, William M.; DuPre, Jean; and Natoli, John, 4,517,098, Cl. 210-701.000.
- Witiak, David; and DuPre, Jean, 4,529,773, Cl. 524-558.000.

Dupressoir, Albert; and Salvat, Francois, to Thomson-CSF. Circularly polarized electromagnetic-wave radiator. 4,502,053, 2-26-85, Cl. 343-727.000.

Dupressoir, Albert; and Devis, Georges, to Thomson-CSF. Microwave radiation source comprising open cavities energized by two dipoles. 4,529,989, 7-16-85, Cl. 343-756.000.

Duprez, Wayne R., to Standard-Thomson Corporation. Diesel fuel control valve and system. 4,502,450, 3-5-85, Cl. 123-516.000.

Duprez, Wayne R., to Standard-Thomson Corporation. Diesel fuel control apparatus and system. 4,502,451, 3-5-85, Cl. 123-516.000.

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Dupro AG: *See—*

- Hug, Nikolaus, 4,517,705, Cl. 15-351.000.
- Maier, Siegfried; and Albrecht, Eckart, 4,537,424, Cl. 285-7.000.

Dupuis, Bernard; Pasquet, Jean-Pierre; and Coppens, Christian, to Campagnie Industrielle des Communications Cit-Alcatel. Digital switching network. 4,495,618, 1-22-85, Cl. 370-66.000.

Dupuis, Bernard; and Behague, Francois, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Group of terminal units for a digital exchange. 4,499,575, 2-12-85, Cl. 370-58.000.

Dupuis, Claude R.; and Hinz, Lorne C., to Northern Telecom Limited. Apparatus for transmitting information via telephone lines. 4,521,643, 6-4-85, Cl. 179-2.0DP.

Dupuis, Emmanuel F. Container. 4,494,690, 1-22-85, Cl. 232-22.000.

Dupuis, Gilles: *See—*

- Miller-Thomson, James J.; and Dupuis, Gilles, 4,546,490, Cl. 381-56.000.

Dupuis, Jean L., to D. M. International Ltd. Vehicle for a fun-fair or the like. 4,501,434, 2-26-85, Cl. 280-206.000.

Dupuy, James A., to Letourneau Company. Safety belt anchor. 4,505,011, 3-19-85, Cl. 24-540.000.

DuPuy, Richard E., Jr.: *See—*

- Bateman, Glenn; and DuPuy, Richard E., Jr., 4,546,321, Cl. 328-142.000.

Durable Packaging Corporation: *See—*

- Ulrich, Lawrence W.; and Walker, Connie W., 4,525,980, Cl. 53-374.000.
- Ulrich, Lawrence W.; and Walker, Connie W., 4,537,649, Cl. 156-355.000.
- Ulrich, Lawrence W.; and Walker, Connie W., 4,542,616, Cl. 53-137.000.

Duracell Inc.: *See—*

- Barnette, Luverne H.; and Liang, Charles C., 4,525,440, Cl. 429-191.000.
- Bowden, William L.; and Dey, Arabinda N., 4,515,875, Cl. 429-196.000.
- Dey, Arabinda N.; and Hamilton, Noble E., 4,533,609, Cl. 429-172.000.
- Gibbard, Henry F.; Murray, Richard C., Jr.; Putt, Ronald A.; Valentine, Theodore W.; and Menard, Claude J., 4,552,821, Cl. 429-57.000.
- Goodman, John T., 4,553,419, Cl. 72-349.000.

  - Gopikanth, Mysore L.; Kuo, Han C.; and Bowden, William L., 4,508,798, Cl. 429-196.000.
  - Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,508,799, Cl. 429-196.000.
  - Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,508,800, Cl. 429-196.000.
  - Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,510,220, Cl. 429-225.000.
  - Karpiloff, Kenneth M., 4,511,416, Cl. 156-69.000.
  - Kearney, Susan D.; and Moses, Peter R., 4,526,846, Cl. 429-194.000.
  - Kelm, Roger W.; Merry, Glenn W.; and McArthur, William J., 4,535,036, Cl. 429-99.000.
  - Kuo, Han C.; Foster, Donald L.; Schlaikjer, Carl R.; Gopikanth, Mysore L.; and Dey, Arabinda N., 4,513,067, Cl. 429-101.000.
  - Mallory, Henry R., 4,499,525, Cl. 362-157.000.
  - McArthur, William J.; and Kelm, Roger W., 4,547,438, Cl. 429-82.000.
  - Taylor, Alwyn H.; Lees, Wayne L.; and Cook, Michael L., 4,556,613, Cl. 429-101.000.
  - Wiacek, Marian; Markin, Charles; and Book, Ronald J., 4,537,841, Cl. 429-56.000.
- Durack, David T., to Duke University. Complement assay method. 4,492,761, 1-8-85, Cl. 436-519.000.
- Duralith Corporation: *See—*
  - Carley, Joseph L.; Potter, James S.; and Ciccotelli, Anthony A., 4,496,812, Cl. 200-159.00B.
- Durametallic Corporation: *See—*
  - Adams, William V.; and Avard, Duane A., 4,560,173, Cl. 277-15.000.
  - Cook, Thomas E., 4,511,151, Cl. 277-92.000.
- Duran, Edward L., to United States of America, Energy. Abrasive slurry composition for machining boron carbide. 4,544,376, 10-1-85, Cl. 51-293.000.
- Durand, Alain J. Device for catheterization in particular for perfusions in the medical and veterinary fields. 4,504,269, 3-12-85, Cl. 604-272.000.
- Durand, Charles A.: *See—*
  - Platter, Sanford; Durand, Charles A.; and Gadsby, Larry R., 4,555,077, Cl. 242-198.000.
- Durand, Daniel; and Grandadam, Yves, to Fromageries Bel. Milky products for manufacturing chocolate-trade products and method or preparation thereof. 4,532,146, 7-30-85, Cl. 426-580.000.
- Durand, Daniel: *See—*
  - Courty, Philippe; Durand, Daniel; Travers, Christine; Chaumette, Patrick; and Forestiere, Alain, 4,552,861, Cl. 502-302.000.
- DuRand, Elden E., III, to Bluegrass Electronics Inc. Sound discriminator tester. 4,552,022, 11-12-85, Cl. 73-647.000.
- Durand, Jean-Pierre; Dawans, Francois; Damin, Bernard; and Leger, Robert, to Institut Francais du Petrole; and Elf France. Copolymers useful as additives for lowering the cloud point of middle hydrocarbon distillates, and compositions of middle hydrocarbon distillates comprising them. 4,503,182, 3-5-85, Cl. 524-474.000.
- Durand, John E. Visually and mechanically testable submersible composite. 4,521,652, 6-4-85, Cl. 200-84.00B.
- Durand, Kevin J.: *See—*
  - Sheth, Dilitkumar R.; and Durand, Kevin J., 4,529,177, Cl. 266-274.000.
- Durand, Marc, to Chavanoz S.A. Process for the manufacture of a fancy yarn, and products obtained. 4,528,807, 7-16-85, Cl. 57-6.000.
- Durand, Michel: *See—*
  - Mouille , Bernhard; and Durand, Michel, 4,521,390, Cl. 423-239.000.
- Durand-Texte, Gerard, to Etablissements Griset. Apparatus for the continuous casting of products especially of metals, such as copper alloys. 4,491,169, 1-1-85, Cl. 164-418.000.
- Durand-Texte, Gerard. Process for changing the cross-section of a band of malleable material such as copper. 4,528,836, 7-16-85, Cl. 72-376.000.
- Durand, William W.; Jain, Anil K.; and Peterson, Ronald E., to Honeywell Inc. Tunable Fabry-Perot filter. 4,553,816, 11-19-85, Cl. 350-166.000.
- Durango Systems, Inc.: *See—*
  - Waibel, Helmut K., 4,498,794, Cl. 400-629.000.
- Duranleau, Roger G.; and Lambert, Clifford L., Jr., to Texaco Inc. Process for the preparation of formamide compounds. 4,529,822, 7-16-85, Cl. 564-132.000.
- Duranleau, Roger G.: *See—*
  - Lambert, Clifford L., Jr.; and Duranleau, Roger G., 4,510,326, Cl. 564-132.000.
  - Lin, Jiang-Jen; and Duranleau, Roger G., 4,519,956, Cl. 260-549.000.
- Durant, Graham J.; and Ganellin, Charon R., to Smith Kline & French Laboratories Limited. Pharmacologically active isoxazole and triazole compounds. 4,499,101, 2-12-85, Cl. 514-374.000.
- Durant, Graham J.; Emmett, John C.; and Ganellin, Charon R., to Smith Kline & French Laboratories Limited. Pharmacologically active compounds. 4,537,779, 8-27-85, Cl. 514-275.000.
- Durant, Graham J.: *See—*
  - Brown, Thomas H.; and Durant, Graham J., 4,521,418, Cl. 514-272.000.
- Durante, Vincent A.: *See—*
  - Brown, Stanley M.; Durante, Vincent A.; Reagan, William J.; and Speronello, Barry K., 4,493,902, Cl. 502-65.000.
- Durantet, Bernard: *See—*
  - Barriquand, Robert; Barriquand, Bernard; Durantet, Bernard; and Machabert, Bernard, 4,516,413, Cl. 68-5.00C.
- Durazzani, Piero, to Industrie Zanussi S.p.A. Washing machine tub having integral sheet metal band. 4,538,433, 9-3-85, Cl. 68-140.000.
- Durbin, Daniel P.; and Lutz, Robert G., to Shell Oil Company. Polymer blend composition. 4,491,648, 1-1-85, Cl. 525-89.000.
- Durbin, Daniel P.; Lutz, Robert G.; and Danforth, Richard L., to Shell Oil Company. Polymer blend composition comprising two block polymers a vinyl aromatic copolymer and a polyester. 4,493,919, 1-15-85, Cl. 524-505.000.
- Durbin, Daniel P.; and Korcz, William H., to Shell Oil Company. Method for protectively coating a polymer. 4,511,696, 4-16-85, Cl. 525-92.000.
- Durbin, Dennis, to Beckman Instruments, Inc. Tachometer and rotor identification apparatus for centrifuges. 4,551,715, 11-5-85, Cl. 340-671.000.
- Durbin-Durco, Inc.: *See—*
  - Smith, Lonnie M., 4,500,073, Cl. 254-258.000.
- Durbin, John A.: *See—*
  - Woolley, Warren H.; Lama, William L.; Rees, James D.; and Durbin, John A., 4,557,581, Cl. 355-1.000.
- Durbin, Roger: *See—*
  - Althouse, Rickie M.; Beamenderfer, Robert E.; Durbin, Roger; Hollyday, Robert D.; and Kling, John P., 4,519,665, Cl. 339-147.00R.
- Durbye, Hartmut, to Mars Incorporated. Animal litter and process for the production thereof. 4,509,457, 4-9-85, Cl. 119-1.000.
- Durden, John A.; and D'Silva, Themistocles D. J., to Union Carbide Corporation. Insecticidal bis-carbamate sulfides. 4,496,591, 1-29-85, Cl. 514-477.000.
- Durden, John A.: *See—*
  - Chou, David T.; Durden, John A.; and D'Silva, Themistocles D. J., 4,540,578, Cl. 514-349.000.
- Dureigne, Bernard; Guerillot, Stephane; and Regnault, Alain, to Organisme Autonome Dote de la Personnalite Civile Agence France Presse. System for reconstituting, by filtering, an analog signal from a pseudo-analog signal. 4,511,992, 4-16-85, Cl. 364-825.000.
- Duren, Don D.: *See—*
  - Graf, Harlan G.; Janssen, Harry R.; Edwards, Don L.; and Duren, Don D., 4,541,453, Cl. 137-315.000.
- Duren, Johannes: *See—*
  - Pietzsch, Ludwig; Kauer, Harald; Duren, Johannes; and Kuhn, Hugo, 4,523,487, Cl. 74-378.000.
- Durenec, Peter; and Lowe, Clifford E., to United States of America, Army. Detachably connectable sight assembly for a small defense weapon. 4,524,675, 6-25-85, Cl. 89-41.030.
- Duret, Jean, to Les Cables de Lyon. Device for connecting together the outer conductors of two coaxial pairs. 4,493,946, 1-15-85, Cl. 174-88.00C.
- Duret, Jean, to Vallourec. Closed angle thread pipe joint. 4,494,777, 1-22-85, Cl. 285-55.000.
- Duret, Jean, to Vallourec S.A. Joint for steel tubes. 4,550,937, 11-5-85, Cl. 285-334.000.
- Duret, Robert; and Henry, Dominique, to Thomson-CSF. Travelling wave tube comprising means for suppressing parasite oscillations. 4,559,474, 12-17-85, Cl. 315-3.600.
- Durette, Philippe L., to Merck & Co., Inc. 2,6-didioxy-3-amine,4-carboxy methylglycoside and related compounds. 4,491,659, 1-1-85, Cl. 536-17.200.
- Durette, Philippe L.; and Gallagher, Timothy F., to Merck & Co., Inc. Lipoxygenase inhibitors. 4,526,999, 7-2-85, Cl. 514-549.000.
- Durette, Philippe L., to Merck & Co., Inc. Chiral synthesis of thienamycin from D-glucose. 4,544,502, 10-1-85, Cl. 260-349.000.
- Durette, Philippe L.: *See—*
  - Yang, Shu S.; Beattie, Thomas R.; Durette, Philippe L.; Gallagher, Timothy F.; and Shen, Tsung-Ying, 4,515,722, Cl. 260-403.000.
- Dureux, Pierre J. C., to U.S. Philips Corporation. Apparatus for storing and processing analogue signals to be displayed as an oscilloscopic image and oscilloscope comprising such apparatus. 4,518,991, 5-21-85, Cl. 358-93.000.
- Durfee, David L., Jr., to David L. Durfee, Jr. Chain saw gauging attachment. 4,545,122, 10-8-85, Cl. 30-383.000.
- Durham, B. Elwood. Fish strike indicator. 4,552,318, 11-12-85, Cl. 242-84.10K.
- Durham, Marion E. Earth boring machine. 4,553,612, 11-19-85, Cl. 175-122.000.
- Durham, Robert L., to Agritec, Inc. Biogenetic silica insulation. 4,555,448, 11-26-85, Cl. 428-402.000.
- Durham, Roger O. Chain engagement slot for bicycle sprockets. 4,526,558, 7-2-85, Cl. 474-152.000.
- Durham, Stephen J., to Cermetek Microelectronics, Inc. Remote telemetry unit. 4,549,044, 10-22-85, Cl. 179-5.00R.
- Durham, William M.: *See—*
  - Barner, Robert P., Jr.; and Durham, William M., 4,507,779, Cl. 370-100.000.
- Durieux, Francois P., to Clextral. Automatic purger for a hydraulically controlled double diaphragm pump. 4,560,324, 12-24-85, Cl. 417-383.000.
- Durieux, Jean-Pierre: *See—*
  - Degelaen, Jacques; Loffet, Albert; and Durieux, Jean-Pierre, 4,546,076, Cl. 435-24.000.
- Durif-Varambon, Andre: *See—*
  - Averbuch, Marie-Therese; Durif-Varambon, Andre; Gauthier, Sylviane; Nicolau, Ion F.; and Peuzin, Jean C., 4,492,857, Cl. 250-211.00R.
- Durig, Heinz; Grutzner, Hans; and Bratschi, Konrad, to K. Bratschi, Silent Gliss. Strip curtain. 4,552,195, 11-12-85, Cl. 160-168.00R.

Durik, Jeffrey R. Rotary tablet machine. 4,495,685, 1-29-85, Cl. 29-402.080.

Duriron Company, Inc., The: *See—*
- Sumner, Earl C., 4,560,607, Cl. 428-141.000.

Durisin, Bretislav, to Eaton Corporation. Engine component position indicating system. 4,537,168, 8-27-85, Cl. 123-198.00R.

Durivault, Jean; and Branche, Bernard, to Nadella. Orientable pivot in particular for a television set. 4,526,336, 7-2-85, Cl. 248-349.000.

Durkan, Gerald, to Kircaldie, Randall and McNab. Method and apparatus for rectifying obstructive apnea. 4,506,666, 3-26-85, Cl. 128-204.230.

Durkan, Gerald; and Sieracki, Leonard M., to Kircaldie, Randall and McNab. Respirating gas supply method and apparatus therefor. 4,519,387, 5-28-85, Cl. 128-204.230.

Durkee, David B.; Koller, James P.; and Wentzel, Robert M., to AT&T Teletype Corporation. Print head actuator for an ink jet printer. 4,516,140, 5-7-85, Cl. 346-140.00R.

Durkee, David B.; and Liebman, Alan J., to AT&T Teletype Corporation. Ink jet printer. 4,538,156, 8-27-85, Cl. 346-21.000.

Durkoppwerke GmbH: *See—*
- Kastrup, Eberhard, 4,550,672, Cl. 112-293.000.
- Pollmeier, Konrad; and Moll, Philipp, 4,530,294, Cl. 112-63.000.
- Reinke, Kurt, 4,534,304, Cl. 112-262.100.

Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, to Chemicke zavody Juraja Dimitrova, narodny podnik. Mixed unsaturated monocarboxylic acid esters of 2,2,6,6-tetramethyl-4-piperidinol and of its ammonium carboxylate as stabilizer against UV in polymeric materials. 4,500,446, 2-19-85, Cl. 252-403.000.

Durne, Christian H. P.: *See—*
- Almgren, Per H. I.; and Durne, Christian H. P., 4,559,585, Cl. 362-92.000.

Durno, Ronald A.; and Huber, Rudolph F., to United Technologies Corporation. Fail-safe tail rotor control system. 4,540,141, 9-10-85, Cl. 244-17.190.

Duro Dyne Corporation: *See—*
- Giannone, Charles, 4,541,146, Cl. 24-20.00R.

DuRocher, Daniel J.: *See—*
- Winogrocki, Ray F.; and DuRocher, Daniel J., 4,516,824, Cl. 339-126.00R.

Durofac-Kartro A/S: *See—*
- Nielsen, Mogens B., 4,512,692, Cl. 408-226.000.

Duron, Inc.: *See—*
- Horton, Richard, 4,506,493, Cl. 53-499.000.

Durot, Jean; and Bernard, Jacques, to Societe Degremont. Horizontal-axis aerator for purification of waste water. 4,539,112, 9-3-85, Cl. 210-219.000.

Durr Automation & Fordertechnik GmbH: *See—*
- Obenland, Gerhard, 4,499,788, Cl. 74-661.000.
- Stelter, Jurgen; and Hanggi, Manfred, 4,491,442, Cl. 406-95.000.

Durr-Dental GmbH & Co., KG: *See—*
- Schutt, Peter; Nitsche, Klaus; Grindler, Horst; and Hofmann, Hans-Joachim, 4,529,365, Cl. 417-313.000.

Durr, Dieter; Rohr, Otto; and Bohner, Beat, to Ciba-Geigy Corporation. Heterocyclic esters of 2-nitro-5-(o-chloro-p-trifluoromethylphenoxy)-benzoic acid. 4,495,350, 1-22-85, Cl. 544-167.000.

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Durr, Frederick E.: *See—*
- Murdock, Keith C.; and Durr, Frederick E., 4,526,989, Cl. 549-316.000.
- Murdock, Keith C.; and Durr, Frederick E., 4,540,519, Cl. 260-380.000.
- Murdock, Keith C.; and Durr, Frederick E., 4,540,583, Cl. 514-656.000.

Durr, Herbert, to Draiswerke GmbH. Dispersing machine with container holding device. 4,514,833, 4-30-85, Cl. 366-207.000.

Durr Industries, Inc.: *See—*
- Billings, Bruce J., 4,544,526, Cl. 422-173.000.

Durr, Manfred; and Fribolin, Hans-Ulrich, to A. Nattermann & Cie GmbH. Process for filling pharmaceutical products containing phospholipides and highly viscous at room temperature, into hard capsules. 4,497,157, 2-5-85, Cl. 53-428.000.

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Durrant, James A.: *See—*
- Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.

Durrett, Van D., to D. M. & E. Corporation. Fiber cutter component. 4,497,231, 2-5-85, Cl. 83-663.000.

Durrnagel, Klaus; Jeschke, Willi; and Jahn, Hans-Georg, to Heidelberger Druckmaschinen AG. Cooling roller with different preselected cooling zones. 4,534,289, 8-13-85, Cl. 101-348.000.

Dursch, Walter: *See—*
- Kleiner, Hans-Jerg; and Dursch, Walter, 4,493,803, Cl. 260-968.000.
- Kleiner, Hans-Jerg; and Dursch, Walter, 4,548,762, Cl. 260-543.00P.

Durslen, Heinz; Faust, Winifried; and Schlosser, Rainer, to Krupp-Koppers GmbH. Door structure for coking ovens. 4,532,010, 7-30-85, Cl. 202-248.000.

Durst, Jack R., to Pillsbury Company, The. Storage stable, ready-to-eat baked goods. 4,511,585, 4-16-85, Cl. 426-106.000.

Durst, Richard R.: *See—*
- Bingham, Robert E.; Durst, Richard R.; Fabris, Hubert J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,503,204, Cl. 526-187.000.

Durston, David S., to Envirocor Limited. Portable air filtration device. 4,559,067, 12-17-85, Cl. 55-324.000.

Durupt, Maurice: *See—*
- Ferrand, Michel; and Durupt, Maurice, 4,497,394, Cl. 188-322.150.

Duruz, Jean-Jacques R.: *See—*
- Wheeler, Douglas J.; Duruz, Jean-Jacques R.; Sane, Ajit Y.; and Derivaz, Jean-Pierre, 4,552,630, Cl. 204-67.000.

Durvasula, Visweswara R., to Upjohn Company, The. Autoxidation of alkyl-substituted aromatic ethers. 4,526,984, 7-2-85, Cl. 549-241.000.

Durvasula, Visweswara R., to Upjohn Company, The. Preparation of 3-alkanoyloxyphthalides. 4,562,271, 12-31-85, Cl. 549-310.000.

Durville, Gerard A.; and Bucher, Robert R., to Textilma AG. Loom heald control means. 4,515,186, 5-7-85, Cl. 139-455.000.

Dury, Peter L. K., to Nottingham County Council. Playing surfaces sports. 4,501,420, 2-26-85, Cl. 272-3.000.

Duryee, Peter S.; and Anholm, John M., Jr., to John Fluke Mfg. Co., Inc. Calibration apparatus for systems such as analog to digital converters. 4,535,318, 8-13-85, Cl. 340-347.0CC.

Duryee, Peter S.: *See—*
- Eng, Benjamin, Jr.; Anholm, John M., Jr.; and Duryee, Peter S., 4,539,550, Cl. 340-347.0AD.
- Eng, Benjamin, Jr.; Duryee, Peter S.; and Anholm, John M., Jr., 4,555,692, Cl. 340-347.0AD.

Dusch, Albert, to Pfaff Industriemaschinen GmbH. Material presser device for a sewing machine. 4,550,671, 11-5-85, Cl. 112-235.000.

Duschl, Robert A., to RCA Corporation. Charge coupled device based system and method for inspecting and modifying images. 4,542,404, 9-17-85, Cl. 358-106.000.

Dusel, Robert O.; Berres, James J.; and Keene, Harold J., to Artos Engineering Company. Apparatus for cutting and conveying segments of wire or cable. 4,493,233, 1-15-85, Cl. 83-71.000.

Dusel, Robert O.; and Blaha, Gerald E., to Artos Engineering Company. Belt type conveyor for conveying wire segments. 4,502,586, 3-5-85, Cl. 198-345.000.

Dusel, Robert O.; and Blaha, Gerald E., to Artos Engineering Company. Cutter and belt type conveyor for wire segments. 4,521,946, 6-11-85, Cl. 29-33.00M.

Dusel, Robert O.; and Blaha, Gerald E., to Artos Engineering Company. Apparatus for axially shifting wire segments in belt type conveyor. 4,546,526, 10-15-85, Cl. 29-33.00M.

Duska, Alois A. Radiographic localization technique. 4,506,676, 3-26-85, Cl. 128-653.000.

Duske, Wilfried P.; and Frank, Lowell C., to Progressive Development Incorporated. Dehydration equipment. 4,558,525, 12-17-85, Cl. 34-128.000.

Dusman, Richard J.; and Nine, Harmon D., to General Motors Corporation. Modular drawbead structure. 4,531,395, 7-30-85, Cl. 72-350.000.

Dussaud, Jacques: *See—*
- De Jonckheere, Raphael; and Dussaud, Jacques, 4,534,769, Cl. 604-369.000.

Dusserre, Pierre: *See—*
- Potard, Claude; and Dusserre, Pierre, 4,539,173, Cl. 264-570.000.

Dussoliet, Jacques; and Dieupart, Michel, to Somfy. Device for driving a protection awning. 4,519,554, 5-28-85, Cl. 242-67.400.

Dussourd d'Hinterland, Lucien; Normier, Gerard; and Pinel, Anne-Marie, to Pierre Fabre S.A. Method of preparing immunostimulant proteoglycans which induce production of interferon, proteoglycans obtained and pharmaceutical compositions containing them. 4,501,693, 2-26-85, Cl. 260-112.00R.

Dussy, Paul: *See—*
- Mollet, Hans; and Dussy, Paul, 4,518,392, Cl. 8-609.000.

Dusza, John P.; Tomcufcik, Andrew S.; and Albright, Jay D., to American Cyanamid Company. Aryl and heteroaryl[7-(aryl and heteroaryl)pyrazolo[1,5-a]pyrimidin-3-yl]methanones. 4,521,422, 6-4-85, Cl. 514-258.000.

Dusza, John P.; and Albright, Jay D., to American Cyanamid Company. Pyridyl imidazo[1,2-a]pyrimidines. 4,551,530, 11-5-85, Cl. 544-281.000.

Duszak, Francis J.; Modrak, James P.; and Deaver, Dick, to Hercules Incorporated. Method and composition for maintaining and repairing asphalt-and rubber-containing surfaces. 4,492,781, 1-8-85, Cl. 524-59.000.

Dut Pty Limited: *See—*
- Cummings, Donald R., 4,526,903, Cl. 518-704.000.

Dutcher, Daniel P., to Champion International Corporation. Beverage can carton with opening panel. 4,498,581, 2-12-85, Cl. 206-427.000.

Dutcher, Daniel P., to Champion International Corporation. 3-D glasses and method for producing same. 4,508,526, 4-2-85, Cl. 493-346.000.

Dutcher, Daniel P., to Champion International Corporation. Can carton with three ply handle structure. 4,538,759, 9-3-85, Cl. 229-52.00B.

Duterque, Jean-Paul: *See—*
- Lussiez, Guy W.; Duterque, Jean-Paul; and Polkinghorn, Thomas W., 4,547,348, Cl. 423-150.000.

Dutko, Wolodymyr, to A. B. Dick Company. Sealing means. 4,518,167, 5-21-85, Cl. 277-81.00R.

Dutt, Herbert V.; and Santostasi, Paul A., to Sun Coast Plastics, Inc. Tamper proof closure cap, method, and tool for making same. 4,526,282, 7-2-85, Cl. 215-252.000.

- Dutt, Herbert V.; and Santostasi, Paul A., to Sun Coast Plastics, Inc. Mold for making tamper-proof closure. 4,552,328, 11-12-85, Cl. 249-67.000.
- Dutt, Herbert V., to Sun Coast Plastics, Inc. Plastic closure cap. 4,560,077, 12-24-85, Cl. 215-307.000.
- Dutt, Herbert V.: *See—*
  - Santostasi, Paul A.; Dutt, Herbert V.; and Pirkau, Arno F., 4,534,480, Cl. 215-252.000.
- Duttweiler, Donald L.; and Zebo, Timothy J., to AT&T Bell Laboratories. Adaptive filter including a far end energy discriminator. 4,491,701, 1-1-85, Cl. 179-170.200.
- Duttweiler, Donald L., to AT&T Bell Laboratories. Subsampling delay estimator for an echo canceler. 4,562,312, 12-31-85, Cl. 179-170.200.
- Dutu, Jacques; and Cosar, Paul, to Fives-Cail Babcock. Coal gasification installation. 4,555,992, 12-3-85, Cl. 110-229.000.
- Duval, Claude: *See—*
  - Boyer, Robert; and Duval, Claude, 4,517,462, Cl. 250-286.000.
- Duval Corporation: *See—*
  - Cook, Melvin S., 4,517,064, Cl. 204-105.00R.
  - Fletcher, Archibald W.; and Hunt, Charles d'A., 4,518,418, Cl. 75-10.00R.
  - Long, Wallace H.; and Ruggiero, Ralph, 4,491,279, Cl. 241-101.700.
  - Long, Wallace H.; and Ruggiero, Ralph, 4,513,859, Cl. 198-842.000.
  - Ochs, Leonard R.; Fletcher, Archibald W.; Weber, Harald; and Naden, David, 4,536,214, Cl. 75-101.00R.
  - Ochs, Leonard R., 4,544,460, Cl. 204-107.000.
  - Ochs, Leonard R., 4,545,972, Cl. 423-463.000.
  - Wilson, Alex T., 4,551,213, Cl. 204-111.000.
- DuVal, Daniel A.; Kahn, Roger N.; and Myers, David E. Method and apparatus for displaying records. 4,515,396, 5-7-85, Cl. 281-15.00R.
- Duval, Henry H.; Kennedy, Donald; and Muesse, Milton J. Method and apparatus for sealing of pavement seams. 4,511,283, 4-16-85, Cl. 404-107.000.
- DuVall, Dale R., to Mead Corporation, The. Device for electrical variable magnification of document image. 4,532,602, 7-30-85, Cl. 364-577.000.
- Duvall, Leroy F.: *See—*
  - Armando, Toni E.; Brewer, John R.; Duvall, Leroy F.; and Novotny, John C., 4,539,211, Cl. 426-291.000.
- Duvall, William E.; and Hwang, Mau-Choung P., to RCA Corporation. Television receiver standby power supply. 4,500,923, 2-19-85, Cl. 358-190.000.
- Duvdevani, Ilan; Peiffer, Dennis G.; Eckert, John A.; and Lundberg, Robert D., to Exxon Research & Engineering Co. Antimisting system for hydrocarbon fluids. 4,516,982, 5-14-85, Cl. 44-62.000.
- Duvdevani, Ilan; Eckert, John A.; Schulz, Donald N.; and Kitano, Kissho, to Exxon Research & Engineering Co. Antimisting system for hydrocarbon fluids. 4,523,929, 6-18-85, Cl. 44-62.000.
- Duvdevani, Ilan: *See—*
  - Agarwal, Pawan K.; Duvdevani, Ilan; and Lundberg, Robert D., 4,543,385, Cl. 524-518.000.
  - Kowalik, Ralph M.; Duvdevani, Ilan; Peiffer, Dennis G.; and Lundberg, Robert D., 4,508,128, Cl. 137-13.000.
  - Lundberg, Robert D.; Peiffer, Dennis G.; Duvdevani, Ilan; and Phillips, Robert R., 4,497,923, Cl. 524-107.000.
  - Lundberg, Robert D.; Peiffer, Dennis G.; and Duvdevani, Ilan, 4,536,539, Cl. 524-521.000.
  - Peiffer, Dennis G.; Lundberg, Robert D.; Duvdevani, Ilan; and Thaler, Warren A., 4,520,158, Cl. 524-481.000.
- Duve, John P., to Singer Company, The. Expanded interval timer drive mechanism. 4,536,627, 8-20-85, Cl. 200-38.00R.
- Duve, Wolfgang, to Amerace Corporation. Multi-edge spring insert for twist-on connectors. 4,531,016, 7-23-85, Cl. 174-87.000.
- Duverger, Jean, to Black & Decker Inc. Electric motor with two directions of rotation and shiftable brushes. 4,516,047, 5-7-85, Cl. 310-230.000.
- Duverne, Jean-Claude M. Apparatus for pumping a viscous mass. 4,526,514, 7-2-85, Cl. 417-61.000.
- Du Vernet, Richard B., to Westvaco Corporation. C_{21}-dicarboxylic acid isethionates as primary anionic surfactants. 4,514,335, 4-30-85, Cl. 260-400.000.
- Duvier, Henry A., Jr. Light weight insulating building blocks and method of making same. 4,518,431, 5-21-85, Cl. 106-97.000.
- Duvois, Eric: *See—*
  - Jouvet, Adrien; and Duvois, Eric, 4,501,960, Cl. 235-492.000.
- Duwel, Dieter: *See—*
  - Rosner, Manfred; Urbanietz, Josef; Loewe, Heinz; Duwel, Dieter; and Kirsch, Reinhard, 4,504,490, Cl. 514-483.000.
- Duwel, Edward C.; and Soderberg, John H., to Pitney Bowes Inc. Non-volatile memory serial number lock for electronic postage meter. 4,506,329, 3-19-85, Cl. 364-464.000.
- Duwel, Edward C.; and Soderberg, John H., to Pitney Bowes Inc. Universal real time transparent asynchronous serial/echoplex converter. 4,535,421, 8-13-85, Cl. 364-900.000.
- Duwel, Edward C., to Pitney Bowes Inc. Monitoring the status of the trip cycle in an electronic postage meter. 4,536,850, 8-20-85, Cl. 364-550.000.
- Duwel, Edward C.: *See—*
  - Abellana, Jovito N.; and Duwel, Edward C., 4,519,048, Cl. 364-900.000.
  - Eckert, Alton B.; Soderberg, John H.; and Duwel, Edward C., 4,535,407, Cl. 364-464.000.
  - Eckert, Alton B.; and Duwel, Edward C., 4,549,281, Cl. 364-900.000.
  - Soderberg, John H.; and Duwel, Edward C., 4,509,141, Cl. 364-900.000
  - Soderberg, John H.; and Duwel, Edward C., 4,528,644, Cl. 364-900.000.
- Duwelz, Alain J., to Societe Nationale Industrielle et Aerospatiale. Mechanism for docking and joining space craft. 4,500,057, 2-19-85, Cl. 244-161.000.
- Dux, James P.: *See—*
  - Goodman, Edward; Dux, James P.; and Albright, Fred R., 4,501,682, Cl. 252-174.150.
- Duyal, Tulay; and Walls, John E., to American Hoechst Corporation. Photosensitive negative diazo composition with two acrylic polymers for photolithography. 4,539,285, 9-3-85, Cl. 430-157.000.
- Duyckinck, Robert W., to Mikropul Corporation. Particulate classifying apparatus. 4,523,990, 6-18-85, Cl. 209-138.000.
- Duyker, Christiaan J. H.; and Balk, Albertus C., to Bibia Rubber B.V. Luggage binder for a bicycle or like vehicle. 4,494,684, 1-22-85, Cl. 224-39.000.
- Duyne, Fred V.: *See—*
  - Cohen, Melvin; and Duyne, Fred V., 4,523,722, Cl. 211-175.000.
- Duytschaever, Benedikt: *See—*
  - Van Gestel, Josef; Duytschaever, Benedikt; Muntwyler, Rene; and Scharer, Max, 4,542,146, Cl. 514-383.000.
- Duyvesteyn, Willem P. C.; and Hogsett, Robert F., to Amax Inc. Electrogalvanizing utilizing primary and secondary zinc sources. 4,552,629, 11-12-85, Cl. 204-55.00R.
- Duz-Mor, Inc.: *See—*
  - Field, Carl R., 4,546,638, Cl. 72-455.000.
- Dvorak, Ladislav: *See—*
  - Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.
- Dvorak, Robert V., to Fairchild Camera & Instrument Corporation. Digital logic level comparator particularly for digital test systems. 4,523,143, 6-11-85, Cl. 324-133.000.
- Dvorsky, Drahomir; and Cerovsky, Karel, to Vyzkumny ustav zuslechtovaci. Quaternary ammonium compounds. 4,499,282, 2-12-85, Cl. 548-336.000.
- Dvorsky, Drahomir; and Cerovsky, Karel, to Vyzkumny ustav zuslechtovaci. Quaternary pyrimidinium compounds. 4,542,217, 9-17-85, Cl. 544-335.000.
- Dvorsky, Drahomir; and Cerovsky, Karel, to Vyzkumny ustav zuslechtovaci. Quaternary pyrazinium compounds. 4,547,574, 10-15-85, Cl. 544-336.000.
- Dvortsak, Peter: *See—*
  - Huhn, Magda; Szabo, Gabor; Dvortsak, Peter; Karpati, Marianna; and Somfai, Eva, 4,508,658, Cl. 260-465.00D.
- Dwarakanath, Mirmira R., to AT&T Bell Laboratories. Stable fast-settling voltage reference buffer amplifier. 4,495,472, 1-22-85, Cl. 330-277.000.
- Dwinell, Davis B., to American Flange & Manufacturing Co. Inc. Container closure having a frangible outer cap. 4,520,942, 6-4-85, Cl. 220-257.000.
- Dwire, Jerold D.; and Crehan, Donald T., to International Business Machines Corporation. Display of graphics using a non-all points addressable display. 4,556,878, 12-3-85, Cl. 340-724.000.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., to Feldmuhle Aktiengesellschaft. Mullite plate. 4,519,359, 5-28-85, Cl. 123-668.000.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, to Feldmuhle Aktiengesellschaft. Pre-combustion or turbulence chamber for internal combustion engines. 4,522,171, 6-11-85, Cl. 123-270.000.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, to Feldmuhle Aktiengesellschaft. Piston ring for an internal combustion engine. 4,522,415, 6-11-85, Cl. 277-216.000.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., to Feldmuhle Aktiengesellschaft. Cylinder head of a piston engine. 4,524,732, 6-25-85, Cl. 123-193.00H.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, to Feldmuhle Aktiengesellschaft. Thermal insulation lining of ceramic material for a hot gas duct enveloped in metal. 4,526,824, 7-2-85, Cl. 428-35.000.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, to Feldmuhle Aktiengesellschaft. Piston with a member made of partially stabilized zirconium oxide. 4,535,683, 8-20-85, Cl. 92-224.000.
- Dworsky, Lawrence N., to Motorola, Inc. Apparatus and method for determining surface contour of piezoelectric wafers. 4,498,045, 2-5-85, Cl. 324-71.500.
- Dworsky, Lawrence N., to Motorola, Inc. Dual frequency, dual mode quartz resonator. 4,525,647, 6-25-85, Cl. 310-361.000.
- Dwulet, Michaelene, to Multi-Tex Products Corp. Adhesive for composite yarn product. 4,533,597, 8-6-85, Cl. 428-375.000.
- Dwyer, Daniel T.: *See—*
  - Streater, August L.; and Dwyer, Daniel T., 4,494,180, Cl. 363-37.000.
- Dwyer, Francis G.; and Chu, Pochen, to Mobil Oil Corporation. Synthesis of zeolite ZSM-5. 4,526,879, 7-2-85, Cl. 502-71.000.
- Dwyer, Francis G., to Mobil Oil Corporation. Highly siliceous porous crystalline material ZSM-22 and its use in catalytic dewaxing of petroleum stocks. 4,556,477, 12-3-85, Cl. 208-111.000.
- Dwyer, Francis G.: *See—*
  - Chu, Pochen; and Dwyer, Francis G., 4,513,092, Cl. 502-71.000.
  - Rosinski, Edward J.; Schwartz, Albert B.; and Dwyer, Francis G., 4,552,648, Cl. 208-120.000.

Dwyer, Howard I.: *See—*
Sandland, Paul; Chadwick, Curt H.; and Dwyer, Howard I., 4,556,317, Cl. 356-237.000.
Dwyer Instruments, Inc.: *See—*
Phillips, James W.; and Kobos, Duane M., 4,559,834, Cl. 73-861.550.
Wrobel, Stanley A.; and Ashton, Robert G., 4,537,068, Cl. 73-202.000.
Dwyer, John J. Replaceable deflectors for the sprinkler heads of automatic fire extinguishing systems. 4,553,603, 11-19-85, Cl. 169-38.000.
Dwyer, John J.: *See—*
Rutkowski, Richard G.; Dwyer, John J.; and Hoover, John W., 4,547,821, Cl. 360-75.000.
Dwyer, Robert A.; and Gillberg, James E., to RCA Corporation. Multiple connection bond pad for an integrated circuit device and method of making same. 4,558,345, 12-10-85, Cl. 357-68.000.
Dwyer, Roger F., to United States of America, Navy. Frequency domain non-linear signal processing apparatus and method for discrimination against non-Gaussian interference. 4,530,076, 7-16-85, Cl. 367-135.000.
DX Antenna Company, Limited: *See—*
Kamiya, Kimitaka, 4,527,136, Cl. 333-103.000.
Nagatomi, Akihiko, 4,509,198, Cl. 455-4.000.
Nagatomi, Akihiko, 4,542,300, Cl. 307-112.000.
DY-Core Systems Ireland Limited: *See—*
Bunn, Christopher B., 4,548,565, Cl. 425-64.000.
Dyar, Harrison G. Thermal insulating system particularly adapted for building construction. 4,495,742, 1-29-85, Cl. 52-407.000.
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Dyatlova, Nina M.: *See—*
Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.
Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.
Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.
Dybala, Charles J.; and Maczko, John J., to Farley Metals, Inc. Coating for molds and expendable cores. 4,529,028, 7-16-85, Cl. 164-369.000.
Dybas, Richard A., to Merck & Co., Inc. Synergistic avermectin combination for treating plant pests. 4,560,677, 12-24-85, Cl. 514-30.000.
Dybdal, Robert B.: *See—*
Mori, Tsutomu T.; Dybdal, Robert B.; and Etcheverry, Robert D., 4,510,622, Cl. 455-67.000.
Dyce, John W.; Waters, Edwin R.; and Sherwood, Cy E., to Allied Corporation. Method for grounding and terminating a cable. 4,517,740, 5-21-85, Cl. 29-857.000.
Dycem Limited: *See—*
Fitton, Paul; and Holland, Peter J., 4,521,553, Cl. 523-333.000.
Dyck, Hans-Peter; Janberg, Klaus; Richter, Wolfgang; and Spilker, Harry, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Device for receiving, moving and radiation-shielding of vessels filled with expended reactor fuel elements. 4,498,011, 2-5-85, Cl. 250-507.100.
Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Concrete shielding housing for receiving and storing a nuclear fuel element container. 4,527,066, 7-2-85, Cl. 250-507.100.
Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Concrete shielding housing for receiving and storing a nuclear fuel element container. 4,527,067, 7-2-85, Cl. 250-507.100.
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Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Concrete shielding housing for receiving and storing a nuclear fuel element container. 4,532,428, 7-30-85, Cl. 250-507.100.
Dyck, Hans-Peter: *See—*
Janberg, Klaus; and Dyck, Hans-Peter, 4,508,969, Cl. 250-506.100.
Dyck, John W. Portable form for lining irrigation ditches. 4,557,633, 12-10-85, Cl. 405-268.000.
Dyck, Walter R.; and Eirich, Ronald A., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence. Heart rate detector. 4,549,551, 10-29-85, Cl. 128-689.000.
Dyckerhoff & Widmann Aktiengesellschaft: *See—*
Herbst, Thomas, 4,513,556, Cl. 52-698.000.
Mannhart, Alto; and Rieger, Georg, 4,559,691, Cl. 29-283.500.
Schambeck, Herbert, 4,513,465, Cl. 14-17.000.
Dydyk, Michael, to Motorola, Inc. Transmission line oscillator having independently adjustable Q and input resistance. 4,494,086, 1-15-85, Cl. 331-96.000.
Dydyk, Michael; Enlow, Norman K.; and Tuzzolino, Joseph R., to Motorola, Inc. Combiner probe providing power flatness and wide locking bandwidth. 4,494,087, 1-15-85, Cl. 331-107.0DP.
Dydyk, Michael; and Iwer, Herbert W., to Motorola, Inc. Dielectric resonator controlled planar IMPATT diode oscillator. 4,514,707, 4-30-85, Cl. 331-107.0SL.
Dye, Donald D. Idler pulley and method of mounting a precision bearing. 4,518,372, 5-21-85, Cl. 474-94.000.
Dye, Jeffrey. Training bag for boxing and the like. 4,491,315, 1-1-85, Cl. 272-78.000.
Dye, Lester L., to Eastern Company, The. Rock formation support plate. 4,498,815, 2-12-85, Cl. 405-259.000.
Dye, Richard G.; and Robichaud, Arthur W., to Purolator Products Inc. Process for forming a deep drawn and ironed pressure vessel having selectively controlled side-wall thicknesses. 4,541,265, 9-17-85, Cl. 72-349.000.
Dyer, Christopher K., to AT&T Bell Laboratories. Procedure for making nickel electrodes. 4,540,476, 9-10-85, Cl. 204-96.000.
Dyer, Clarence L.: *See—*
Tucker, Raymond M.; and Dyer, Clarence L., 4,511,781, Cl. 219-10.770.
Dyer, David; and Wise, James L., to Techmark Corporation. Method and apparatus for recovering waste energy. 4,522,035, 6-11-85, Cl. 62-79.000.
Dyer, David C., to Weston, Paul. Collapsible framework. 4,548,012, 10-22-85, Cl. 52-646.000.
Dyer, Henry B. Abrasive bodies. 4,522,633, 6-11-85, Cl. 51-307.000.
Dyer, Keith: *See—*
Rose, John A.; and Dyer, Keith, 4,507,029, Cl. 409-114.000.
Dyer, Kermit W.: *See—*
Parks, James D.; Moss, Charles A.; and Dyer, Kermit W., 4,534,281, Cl. 98-115.300.
Dyer, Lawrence D.; and McGregor, Anderson D., to Texas Instruments Incorporated. Method for measuring saw blade flexure. 4,498,345, 2-12-85, Cl. 73-849.000.
Dyer, Lawrence D.; and McGregor, Anderson D., to Texas Instruments Incorporated. Kerf loss reduction in internal diameter sawing. 4,501,258, 2-26-85, Cl. 125-13.00R.
Dyer, Lawrence D., to Texas Instruments Incorporated. Control of internal diameter saw blade tension in situ. 4,502,459, 3-5-85, Cl. 125-13.00R.
Dyer, Richard J.; and Tarpley, Robert S., to Diamondback Marine Products, Inc. Boat anchor. 4,532,880, 8-6-85, Cl. 114-298.000.
Dyer, Stanley: *See—*
Bartlett, John C.; Bohnhoff, Alan E.; Croley, Donald F.; Dyer, Stanley; Edds, Kenneth E.; Horlander, Frank J.; and Stafford, Donald W., 4,545,693, Cl. 400-120.000.
Dyer, Thomas A., to Pentek Corporation. Turntable for roller conveyor system. 4,519,493, 5-28-85, Cl. 198-414.000.
Dyett, Derek H.; Wood, Godfrey A.; and Seim, Albert D., II, to Molins Limited. Cutting head for a cigarette filter attachment machine. 4,499,910, 2-19-85, Cl. 131-95.000.
Dyfverman, Tomas. Method and apparatus for copying cinematographic film onto color video tape. 4,496,990, 1-29-85, Cl. 358-310.000.
Dyfverman, Tomas. Method in the editing of kinematographic picture material. 4,496,991, 1-29-85, Cl. 358-311.000.
Dyhr-Mikkelsen, Poul C.: *See—*
Jorgensen, Peter; Molbaek, Jens J.; Spies, Volker; Dyhr-Mikkelsen, Poul C.; and Dam, Poul S., 4,527,595, Cl. 138-43.000.
Dykast, Jaroslav: *See—*
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Dyke, David E.: *See—*
Adams, Kenneth J.; and Dyke, David E., 4,555,294, Cl. 156-309.600.
Dyke, Denis G., to American Sterilizer Company. Pore forming sterilization bag. 4,515,841, 5-7-85, Cl. 428-35.000.
Dykema, Dennis A.: *See—*
Copas, Gordon A.; Wilke, Howard C.; and Dykema, Dennis A., 4,518,021, Cl. 141-172.000.
Dyken, Henry J.: *See—*
Gallatin, Paul M.; Dyken, Henry J.; and Cvengros, Norbert F., 4,516,005, Cl. 200-147.00R.
Dykman, Edmund: *See—*
Pikarski, Michael; Gabe, Julian; and Dykman, Edmund, 4,537,992, Cl. 564-437.000.
Dykstra, Jerald P.; and Bellamy, Brad L., to Eaton Corporation. Atomic mass measurement system. 4,514,637, 4-30-85, Cl. 250-492.200.
Dykstra, Richard A. Solid state magneto ignition switching device. 4,501,256, 2-26-85, Cl. 123-651.000.
Dykstra, Ronald A.: *See—*
Chu, Zooey C.; and Dykstra, Ronald A., 4,558,899, Cl. 296-97.00G.
Dylewski, Anthony J.: *See—*
Bardo, Charles J.; Seawell, Jesse Q.; Dylewski, Anthony J.; and Clark, John L., Jr., 4,543,218, Cl. 261-24.000.
Dymek Corporation: *See—*
Young, Ronald E.; and Meulners, Duane C., 4,513,333, Cl. 360-77.000.
Dyminski, John W.: *See—*
Marinkovich, Vincent A.; Riege, David H.; and Dyminski, John W., 4,558,013, Cl. 436-513.000.
Dymock, Kenneth R.; and Bell, Malcolm C. E., to Inco Limited. Non-aqueous hydrogenation of solid carbonaceous material. 4,502,941, 3-5-85, Cl. 208-10.000.
Dyna-Torque, Inc.: *See—*
Dalton, Thomas B., 4,498,336, Cl. 73-168.000.

Dynabrade, Inc.: *See—*
- Huber, Paul W., 4,531,329, Cl. 51-273.000.

Dynacast International Limited: *See—*
- Wright, David E., 4,554,962, Cl. 164-132.000.

Dynachem Corporation: *See—*
- Lipson, Melvin A.; Derrico, Gene A.; Tark, Sung Y.; and Yamazaki, Toshio, 4,539,286, Cl. 430-277.000.
- Reardon, Edward J.; and Lipson, Melvin A., 4,552,830, Cl. 430-281.000.

Dynacycle Corporation: *See—*
- Irwin, Everett F., 4,534,272, Cl. 91-493.000.

DynaGel Incorporated: *See—*
- Shank, Joseph L., 4,500,453, Cl. 260-117.000.
- Shank, Joseph L., 4,528,204, Cl. 426-576.000.

Dynagraphic Merchandising Corp.: *See—*
- Glasener, Kenneth A., 4,553,346, Cl. 40-602.000.

Dynalube Holdings Limited: *See—*
- Bendahan, Samuel H., 4,498,558, Cl. 184-15.100.

Dynamelt Limited: *See—*
- Rogers, John, 4,505,669, Cl. 432-13.000.

Dynamic Technological Developments, Inc.: *See—*
- Dudley, Darnell T.; and Luhrs, Herman F., 4,504,425, Cl. 261-50.00A.

Dynamic Valves, Inc.: *See—*
- Duder, Richard A.; and Corral, Allan B., 4,535,810, Cl. 137-596.170.

Dynamics Corporation of America: *See—*
- Brym, Stanley J.; and Valbona, Bruno M., 4,518,263, Cl. 366-206.000.

Dynamics Research Corporation: *See—*
- Volpe, Luke; and Thomas, Lowell E., 4,534,814, Cl. 156-300.000.

Dynamit Nobel Aktiengesellschaft: *See—*
- Allemann, Kurt; Deneke, Klaus; Hass, Hansjurgen; and Vogel, Gunter, 4,504,315, Cl. 106-89.000.
- Amort, Jurgen; Hanisch, Horst; Klapdor, Ute; van der Maas, Hendrikus; and Suerken, Hans-Peter, 4,540,777, Cl. 536-102.000.
- aus der Funten, Helmut; and Vogt, Wilhelm, 4,528,385, Cl. 549-307.000.
- Ballreich, Kurt; Jensen, Ernst; and Knappworst, Jurgen, 4,546,704, Cl. 102-444.000.
- Brede, Uwe; Horr, Alfred; and Penner, Horst, 4,492,167, Cl. 102-470.000.
- Brede, Uwe; Hubsch, Gunter; and Stahlmann, Rudolf, 4,495,866, Cl. 102-202.000.
- Breitscheidel, Hans-Ulrich; Anshen, Walter H.; and Kautz, Rudolf, 4,542,057, Cl. 428-126.000.
- Budich, Wolfgang; Gasper, Bertram; Kurth, Josef; Scharf, Karl-Gunter; and Wissinger, Waldemar, 4,514,449, Cl. 428-76.000.
- Diesinger, Walter; and Homburg, Axel, 4,520,972, Cl. 244-3.100.
- El-Chahawi, Moustafa, 4,515,984, Cl. 560-183.000.
- Fischer, Klaus; Kroschel, Heinz; Nicodemus, Joachim; and Petters, Willi, 4,498,393, Cl. 102-393.000.
- Fischer, Peter; Groh, Reiner; and Vahlensieck, Hans-Joachim, 4,506,087, Cl. 556-471.000.
- Glembin, Dirk; Huhn, Kurt; Meyer, Gunter; and Thallmeier, Manfred, 4,510,334, Cl. 568-643.000.
- Hanisch, Horst, 4,551,541, Cl. 549-215.000.
- Huber, Hans; and Vollkommer, Norbert, 4,562,225, Cl. 524-602.000.
- Hulsmann, Hans L., 4,510,093, Cl. 260-410.90N.
- Jensen, Ernst; Knappworst, Jurgen; and Stahlmann, Rudolf, 4,508,036, Cl. 102-444.000.
- Kuhnel, Werner; Putz, Peter; Simm, Manfred; and Spielau, Paul, 4,511,619, Cl. 428-215.000.
- Kummer, Peter; and Rehfeld, Gerhard, 4,513,089, Cl. 501-103.000.
- Leuck, Hans; and Westermann, Hans-Jorg, 4,554,392, Cl. 570-254.000.
- Neuschaeffer, Karl H.; Spielau, Paul; Zoche, Gunter; and Engels, Hans-Werner, 4,533,393, Cl. 106-18.120.
- Neuschaffer, Karl-Heinz; Engels, Hans-Werner; Gebert, Hans-Jurgen; Laube, Robert W.; and Zoche, Gunter, 4,522,652, Cl. 106-84.000.
- Pabst, Horst; and Brinkmann, Hans, 4,562,023, Cl. 264-75.000.
- Peeters, Hermann; Vogt, Wilhelm; and Theis, Christoph, 4,534,910, Cl. 260-465.600.
- Peeters, Hermann; and Vogt, Wilhelm, 4,558,126, Cl. 544-309.000.
- Schmidt, Hans-Georg, 4,508,914, Cl. 549-323.000.
- Schmidt, Hans-Georg, 4,524,216, Cl. 560-70.000.
- Schmidt, Hans-Georg, 4,562,270, Cl. 549-294.000.
- Schmidt, Werner, 4,517,375, Cl. 556-463.000.
- Seiler, Claus-Dietrich; and Vahlensieck, Hans-Joachim, 4,537,983, Cl. 556-479.000.
- Seiler, Claus-Dietrich; and Vahlensieck, Hans-Joachim, 4,556,724, Cl. 556-429.000.
- Simon, Manfred; Spiess, Karl-Heinz; and Weiss, Richard, 4,520,063, Cl. 428-195.000.
- Spielau, Paul; Fassbender, Helmut; and Weiss, Richard, 4,550,051, Cl. 428-285.000.
- Theis, Christoph; and Prange, Uwe, 4,525,310, Cl. 260-465.600.
- Theis, Christoph; and Fickert, Gudrun, 4,541,960, Cl. 260-464.000.
- Titz, Siegfried; Langel, Matthias; Wissinger, Waldemar; and Kurth, Josef, 4,504,210, Cl. 425-461.000.
- Zoche, Gunter; and Vogt, Wilhelm, 4,560,787, Cl. 560-52.000.

Dynamold International: *See—*
- Lefebvre, Guy, 4,540,161, Cl. 266-95.000.

Dynapac AB: *See—*
- Lilja, Per, 4,561,319, Cl. 74-61.000.

Dynapac Maskin AB: *See—*
- Breitholtz, Claes, 4,546,425, Cl. 364-153.000.
- Bueno, Alfredo, 4,523,486, Cl. 74-87.000.

Dynapol: *See—*
- Sheldon, Bernard G.; Wingard, Robert E., Jr.; Weinshenker, Ned M.; and Dawson, Daniel J., 4,532,128, Cl. 424-78.000.
- Wang, Patricia C.; and Dawson, Daniel J., 4,526,933, Cl. 525-326.800.

Dynasonic: *See—*
- Sabelstrom, Jan; and Wiholm, Sture, 4,557,714, Cl. 493-442.000.

Dynasplint Systems, Inc.: *See—*
- Hepburn, George R., 4,508,111, Cl. 128-87.00R.
- Hepburn, George R., 4,538,600, Cl. 128-88.000.

Dynatech Frontier Corporation: *See—*
- Troutman, Samuel J., Jr.; and Hixenbaugh, D. Wayne, 4,535,634, Cl. 73-747.000.

Dynatech Laboratories Incorporated: *See—*
- Bender, Charles E., deceased; and Bender, Audrey L., executrix, 4,539,315, Cl. 514-162.000.
- Crandell, William H.; Moren, John L.; and Ruona, Paul Q., 4,548,245, Cl. 141-237.000.
- Nelson, Keith E., 4,501,970, Cl. 250-458.100.

Dynatek, Inc.: *See—*
- Swanson, Wilbur M., 4,546,642, Cl. 73-37.000.

Dyneer Corporation: *See—*
- Frazer, Benjamin F., 4,522,612, Cl. 474-168.000.
- Kraft, Derald H.; and Hitchcock, Gary L., 4,551,122, Cl. 474-170.000.
- Thomey, Henry W., 4,551,120, Cl. 474-135.000.
- Thomey, Henry W., 4,557,707, Cl. 474-101.000.

Dyonics, Inc.: *See—*
- Prescott, Rochelle; and Leiner, Dennis C., 4,515,444, Cl. 350-413.000.
- Whipple, Terry L.; and Sjostrom, Douglas D., 4,522,206, Cl. 128-312.000.

Dyott, Richard B., to Andrew Corporation. Non-linear optical fiber coupler and a method of making same. 4,557,551, 12-10-85, Cl. 350-96.150.

Dyren, Karl E. A.; and Strandberg, Gustaf S., to KMW Aktiebolag. Screening apparatus for wood chips. 4,504,386, 3-12-85, Cl. 209-254.000.

Dyroff, David R.; Chou, Yueting; and Cova, Dario R., to Monsanto Company. Production of high purity alkyl glyoxylate by plural stage distillation. 4,502,923, 3-5-85, Cl. 203-71.000.

Dyroff, David R., to Monsanto Company. Process for preparing polymeric acetal carboxylate compositions. 4,542,206, 9-17-85, Cl. 528-488.000.

Dysan Corporation: *See—*
- Baker, Bradley D.; and Kelly, Richard L., 4,513,331, Cl. 360-75.000.
- Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.
- Larson, Bert R.; and Wartenbergh, Robert P., 4,550,355, Cl. 360-133.000.
- Noto, Sal J.; and Wartenbergh, Robert P., 4,559,575, Cl. 360-133.000.
- Wartenbergh, Robert P., 4,502,598, Cl. 206-444.000.

Dysart, John K.: *See—*
- Joffe, Frederick M.; and Dysart, John K., 4,496,360, Cl. 604-397.000.

Dysarz, Edward D., to Branham Industries, Inc. Pickup and lay-down apparatus. 4,552,498, 11-12-85, Cl. 414-22.000.

Dyson, Arthur F.: *See—*
- Adams, Graham L.; Briscoe, Peter F.; and Dyson, Arthur F., 4,545,108, Cl. 29-570.000.

Dyson, Jack E.: *See—*
- Barclay, John A.; and Dyson, Jack E., 4,553,566, Cl. 137-625.110.

Dyson, John A.: *See—*
- Albright, John P.; Martin, Robert K.; and Dyson, John A., 4,493,323, Cl. 128-340.000.

Dyson-Kissner-Moran Corporation, The: *See—*
- Foust, Ronald L., 4,557,405, Cl. 222-539.000.

Dyson, Lewis R.; Young, Dan B.; and Cook, Stuart A., to CPG Products Corp. Toy figure with manually operable ingestion system. 4,504,241, 3-12-85, Cl. 446-304.000.

Dyson Refractories Limited: *See—*
- Brinkman, Richard J., 4,512,023, Cl. 373-36.000.
- Sambrook, Rodney M.; and Ross, Julian R. H., 4,522,940, Cl. 502-328.000.
- Sambrook, Rodney M.; and Ross, Julian R. H., 4,530,918, Cl. 502-303.000.

Dytjuk, Leonid T.: *See—*
- Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.
- Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.

Dzermejko, Albert J.: *See—*
  Bucha, Robert M.; Dzermejko, Albert J.; and Stuart, James G., 4,511,264, Cl. 374-135.000.
Dzewaltowski, Victor F.; and Hobbs, Robert N., to Ex-Cell-O Corporation. Grinding machine with CNC pivotable workhead. 4,513,540, 4-30-85, Cl. 51-165.710.
Dzewaltowski, Victor F.; and Millay, Lawrence I., to Ex-Cell-O Corporation. Centerless grinding machine with ferris wheel arrangement. 4,531,327, 7-30-85, Cl. 51-103.0WH.
Dzewaltowski, Victor F.; and Gile, Richard H., to Ex-Cell-O Corporation. Automatic dual compensation grinding wheel conditioner. 4,539,778, 9-10-85, Cl. 51-165.870.
Dzewaltowski, Victor F.; and Farmer, Steven P., to Ex-Cell-O Corporation. Close tolerance internal grinding using coolant mist. 4,561,218, 12-31-85, Cl. 51-290.000.
Dzewaltowski, Victor F.: *See—*
  Millay, Lawrence I.; and Dzewaltowski, Victor F., 4,513,541, Cl. 51-237.00R.
Dziaduszek, Jerzy: *See—*
  Dabrowski, Roman; Dziaduszek, Jerzy; Szczucinski, Tomasz; Stolarz, Zofia; Zielinski, Jerzy; and Kenig, Krystyna, 4,528,116, Cl. 252-299.630.
Dziark, John J., to General Electric Company. Scavengers for ammonia in RTV compositions. 4,536,540, 8-20-85, Cl. 524-701.000.
Dziark, John J.: *See—*
  Lucas, Gary M.; and Dziark, John J., 4,528,353, Cl. 528-21.000.
Dziedzic, Edward: *See—*
  Hoyt, Robert M.; Dziedzic, Edward; and Rinehart, William M., 4,561,231, Cl. 52-297.000.
Dziedzic, Joseph M.: *See—*
  Ashkin, Arthur; Dziedzic, Joseph M.; Simpson, Jay R.; and Stolen, Rogers H., 4,529,262, Cl. 350-96.150.
Dziekan, Dennis J.: *See—*
  Etzell, Roger A.; Miller, Bertram J.; and Dziekan, Dennis J., 4,546,046, Cl. 428-460.000.
Dziemba, Peter, to MAP Mikrofilm Apparatebau Dr. Poehler GmbH & Co., KG. Transfer device for film card. 4,544,151, 10-1-85, Cl. 271-251.000.
Dzigan, Viktor P.: *See—*
  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
Dziggel, Klaus-Peter: *See—*
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Dziki, Michael M., to Minnesota Mining and Manufacturing Company. Thermoplastic dispensing device. 4,552,287, 11-12-85, Cl. 222-146.500.
Dziki, Michael M., to Minnesota Mining and Manufacturing Company. Thermoplastic dispensing device with outlet cooling chamber. 4,561,569, 12-31-85, Cl. 222-146.500.
Dzitzer, Max. Body therapeutic and exercising apparatus. 4,492,373, 1-8-85, Cl. 272-61.000.
Dziuba, Peter: *See—*
  Maurer, Dieter; Rauter, Jurgen; and Dziuba, Peter, 4,536,003, Cl. 280-95.00R.
Dzjuba, Vladimir F.; Besedin, Vladlen L.; and Birjukov, Boris N., to Odessky Politekhnichesky Institut. Impulse variable speed device. 4,538,474, 9-3-85, Cl. 74-63.000.
Dzus Fastener Co., Inc.: *See—*
  Bidwell, Richard H., 4,522,541, Cl. 411-554.000.
E. B. Eddy Forest Products, Ltd.: *See—*
  Gladish, Herbert E., 4,550,823, Cl. 198-805.000.
E. Beaudrey & Cie: *See—*
  Jackson, Philip, 4,518,494, Cl. 210-158.000.
  Jackson, Philip, 4,529,518, Cl. 210-407.000.
E. Blum GmbH & Co.: *See—*
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  Geschka, Hugo-Werner, 4,518,942, Cl. 336-178.000.
E-C Apparatus Corporation: *See—*
  Gorman, Esther M.; Gorman, William W., Jr.; and Lederer, William H., 4,492,759, Cl. 436-72.000.
E.C.H. Will (GmbH & Co.): *See—*
  Aykut, Kurt; and Reissmann, Klaus, 4,518,075, Cl. 198-460.000.
  Besemann, Alfred, 4,523,502, Cl. 83-71.000.
  Brandt, Eckhard; and Wolf, Wolfram, 4,509,417, Cl. 100-90.000.
  Brandt, Eckhard; and Schultz, Friedrich, 4,548,404, Cl. 271-303.000.
  Lampe, Siegfried; Lehmann, Heinz; and Dose, Peter, 4,511,300, Cl. 414-35.000.
  Peters, Hartmut; and Ramcke, Bernd, 4,500,241, Cl. 412-37.000.
  Ramcke, Bernd, 4,502,592, Cl. 198-627.000.
  Ramcke, Bernd; and Stahl, Gunther, 4,508,210, Cl. 198-627.000.
E. C. Hopkins Limited: *See—*
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E. D. Bullard Company: *See—*
  Brockway, Brock F.; Moretti, Anthony L.; Pellolio, Anselmo P.; and Rasmussen, Jimmie, 4,561,162, Cl. 29-428.000.
  Moretti, Anthony L.; and Pellolio, Anselmo P., Jr., 4,542,538, Cl. 2-438.000.
E. D. Coddington Manufacturing Company: *See—*
  Kilb, Donald A.; and Diercksmeier, Richard A., 4,499,690, Cl. 51-56.00R.
E.D.T. Electrostatic Deposition Technologies S.p.A.: *See—*
  Gange, Lester; and Pannell, Reginald J. H., 4,520,754, Cl. 118-626.000.
E.F.C.I.S.: *See—*
  Brice, Jean-Michel, 4,499,560, Cl. 365-228.000.
E. F. Houghton & Co.: *See—*
  Warchol, Joseph F., 4,528,044, Cl. 148-18.000.
E. F. Johnson Company: *See—*
  Baumler, Robert J., 4,549,246, Cl. 361-293.000.
  May, Ruth A., 4,544,577, Cl. 427-97.000.
  Peterson, Steven G., 4,534,604, Cl. 339-17.00D.
  Swinehart, Frank, 4,550,361, Cl. 361-295.000.
E. Frohlich AG: *See—*
  Stahli, Peter, 4,549,333, Cl. 28-205.000.
E.G.O. Elektro-Gerate Blanc und Fischer: *See—*
  Goessler, Gerhard; and Wilde, Eugen, 4,511,789, Cl. 219-446.000.
  Kicherer, Robert, 4,527,050, Cl. 219-464.000.
  Schreder, Felix, 4,503,321, Cl. 219-449.000.
  Schreder, Felix; Dorner, Leonhard; and Wilde, Eugen, 4,538,051, Cl. 219-466.000.
  Schreder, Felix, 4,554,438, Cl. 219-449.000.
E. H. Wachs Company, The: *See—*
  Kwech, Horst; and Olson, Peter K., 4,543,861, Cl. 82-4.00C.
  Wachs, Edward H.; and Kwech, Horst, 4,490,909, Cl. 30-97.000.
E. J. Brooks Company: *See—*
  Swift, Allan W., 4,500,124, Cl. 292-318.000.
  Swift, Allan W., 4,506,415, Cl. 24-16.0PB.
  Swift, Allan W., 4,506,921, Cl. 292-318.000.
  Swift, Allan W.; and Rivara, Sarah B. S., 4,544,190, Cl. 292-307.00B.
E & J Demark, Inc.: *See—*
  Hecock, J. Edwin; and Mumper, James O., 4,557,409, Cl. 227-147.000.
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  Mustee, Robert J., 4,508,304, Cl. 248-311.200.
E.M.B. Corporation: *See—*
  Otto, William C.; and Daugherty, Norman E., 4,509,027, Cl. 335-201.000.
  Staples, Paul R., 4,514,603, Cl. 200-61.620.
E.M.M. s.r.l. Emiliana Macchine Maglierie: *See—*
  Stoppazzini, Benito, 4,534,186, Cl. 66-75.200.
E-MU Systems, Inc.: *See—*
  Rossum, David P., 4,506,579, Cl. 84-1.010.
E.N.I. Ente Nazionale Idrocarburi: *See—*
  Canella, Marco; Marghinotti, Daniele; Bernardi, Adriano; and Sodini, Giancarlo, 4,551,335, Cl. 426-44.000.
  Pinori, Massimo; and Verdini, Antonio S., 4,560,505, Cl. 260-112.50R.
  Sisto, Alessandro; Verdini, Antonio S.; and Virdia, Antonino, 4,522,752, Cl. 260-112.50R.
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  Lemaire, Didier, 4,528,796, Cl. 53-268.000.
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  Breuer, Hermann; Denzel, Theodor; and Treuner, Uwe D., 4,499,016, Cl. 260-239.00A.
  Breuer, Hermann; Treuner, Uwe D.; and Denzel, Theodor, 4,501,743, Cl. 514-201.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,513,103, Cl. 514-469.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,515,972, Cl. 549-229.000.
  Das, Jagabandhu, 4,521,539, Cl. 514-461.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,522,949, Cl. 514-469.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,524,151, Cl. 514-469.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,525,479, Cl. 514-469.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,536,513, Cl. 514-469.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,536,514, Cl. 514-469.000.
  Das, Jagabandhu, 4,542,151, Cl. 514-438.000.
  Das, Jagabandhu, 4,542,155, Cl. 514-461.000.
  Das, Jagabandhu; and Haslanger, Martin F., 4,542,156, Cl. 514-469.000.
  Das, Jagabandhu; and Hall, Steven E., 4,550,120, Cl. 514-469.000.
  Delaney, Norma G.; and Gordon, Eric M., 4,539,312, Cl. 514-16.000.
  Delaney, Norma G.; and Gordon, Eric M., 4,552,866, Cl. 514-16.000.
  Doyle, Arthur; and Freeman, Frank M., 4,551,490, Cl. 524-22.000.
  Feld, Jerome H., 4,539,852, Cl. 73-847.000.
  Ferguson, Keith; and McClees, Nancy, 4,553,967, Cl. 604-317.000.
  Gordon, Eric M.; and Weller, Harold N., III, 4,499,079, Cl. 514-2.000.
  Gordon, Eric M.; and Godfrey, Jollie D., Jr., 4,500,518, Cl. 514-2.000.
  Gordon, Eric M.; Godfrey, Jollie D., Jr.; and Natarajan, Sesha I., 4,514,391, Cl. 514-2.000.
  Gordon, Eric M.; and Godfrey, Jollie D., Jr., 4,524,212, Cl. 548-533.000.
  Gordon, Eric M.; and Ondetti, Miguel A., 4,533,660, Cl. 514-210.000.
  Gordon, Eric M.; and Godfrey, Jollie D., Jr., 4,558,150, Cl. 560-16.000.

  - Hall, Steven E.; and Haslanger, Martin F., 4,526,900, Cl. 514-469.000.
  - Hall, Steven E.; and Haslanger, Martin F., 4,542,157, Cl. 514-469.000.
  - Hall, Steven E.; and Haslanger, Martin F., 4,555,523, Cl. 514-469.000.
  - Hall, Steven E.; and Haslanger, Martin F., 4,560,698, Cl. 514-469.000.
  - Jackson, Ivan; Ward, Michael D.; and Ridgway, Frank, 4,542,020, Cl. 514-31.000.
  - Jain, Nemichand B.; and Patel, Mahendra R., 4,505,890, Cl. 424-21.000.
  - Jensen, Ole R., 4,518,388, Cl. 604-332.000.
  - Jensen, Ole R., 4,533,354, Cl. 604-323.000.
  - Jensen, Ole R., 4,543,095, Cl. 604-246.000.
  - Karanewsky, Donald S., 4,533,661, Cl. 514-212.000.
  - Karanewsky, Donald S.; and Petrillo, Edward W., Jr., 4,555,506, Cl. 514-91.000.
  - Karanewsky, Donald S., 4,560,681, Cl. 514-82.000.
  - Kimball, Spencer D.; Kronenthal, David; and Koster, William H., 4,548,751, Cl. 260-245.400.
  - Krapcho, John; and Wade, Peter C., 4,497,953, Cl. 546-99.000.
  - Krapcho, John, 4,499,287, Cl. 548-532.000.
  - Kronenthal, David, 4,501,697, Cl. 260-245.400.
  - McCullough, John E., 4,554,250, Cl. 435-172.300.
  - Misra, Raj N.; and Karanewsky, Donald S., 4,555,520, Cl. 514-346.000.
  - Nakane, Masami, 4,526,901, Cl. 514-469.000.
  - Nakane, Masami, 4,533,673, Cl. 514-469.000.
  - Natarajan, Sesha I.; and Gordon, Eric M., 4,535,176, Cl. 560-27.000.
  - O'Sullivan, Joseph; Aklonis, Carol A.; and Singh, Pushpa, 4,537,858, Cl. 435-119.000.
  - Pawelchak, John M.; and Freeman, Frank M., 4,538,603, Cl. 128-156.000.
  - Rovnyak, George C., 4,555,579, Cl. 548-409.000.
  - Ryono, Denis E.; and Petrillo, Edward W., Jr., 4,560,680, Cl. 514-82.000.
  - Slusarchyk, William A.; and Kronenthal, David, 4,551,276, Cl. 260-239.00A.
  - Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,537,904, Cl. 514-469.000.
  - Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,537,981, Cl. 549-463.000.
  - Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,556,675, Cl. 514-469.000.
  - Sprague, Peter W.; and Heikes, James E., 4,499,292, Cl. 549-459.000.
  - Sprague, Peter W.; and Heikes, James E., 4,500,723, Cl. 549-459.000.
  - Sprague, Peter W.; and Heikes, James E., 4,503,241, Cl. 549-459.000.
  - Sprague, Peter W.; Loots, Melanie J.; and Haslanger, Martin F., 4,542,160, Cl. 514-569.000.
  - Sundeen, Joseph E.; Haugwitz, Rudiger D.; and Sprague, Peter W., 4,536,501, Cl. 514-225.000.
  - Sykes, Richard B.; and Parker, William L., 4,503,218, Cl. 549-320.000.
  - Sykes, Richard B.; Parker, William L.; Cimarusti, Christopher M.; Koster, William H.; and Slusarchyk, William A., 4,529,698, Cl. 435-121.000.
  - Thottathil, John K.; Moniot, Jerome L.; Floyd, David; and Brandt, Steven, 4,501,901, Cl. 548-532.000.
  - Treuner, Uwe D.; and Breuer, Hermann, 4,534,896, Cl. 260-239.00A.
  - Treuner, Uwe D., 4,551,277, Cl. 260-239.00A.
  - Varma, Ravi K., 4,499,021, Cl. 260-397.100.
  - Varma, Ravi K.; and Karanewsky, Donald S., 4,528,138, Cl. 260-397.450.
  - Varma, Ravi K., 4,529,547, Cl. 260-397.300.
  - Varma, Ravi K.; and Haugwitz, Rudiger D., 4,529,548, Cl. 260-397.450.
  - Weller, Harold N., III; Gordon, Eric M.; Karanewsky, Donald S.; and Ryono, Denis E., 4,512,988, Cl. 514-211.000.
  - Weller, Harold N., III; Gordon, Eric M.; and Delaney, Norma G., 4,560,506, Cl. 260-112.50R.
  - Wong, Thomas M., 4,496,554, Cl. 514-179.000.
  - Wood, Thomas G., 4,501,494, Cl. 356-240.000.
  - Zahler, Robert, 4,548,747, Cl. 260-239.00A.
  - Zahler, Robert, 4,559,335, Cl. 514-210.000.
- E. Reichert Optische Werke AG: *See—*
  - Neumann, Klaus, and Kleber, Heinrich, 4,545,218, Cl. 62-514.00R.
- E.S.P. Systems, Inc.: *See—*
  - Beery, John C.; and Witzke, Kenneth, 4,539,752, Cl. 33-18.00B.
- E-Systems, Inc.: *See—*
  - Andren, Carl F.; Mosley, William H., Jr.; and Sanders, David E., 4,509,017, Cl. 329-105.000.
  - Barclay, Thomas E.; and Zett, John A., 4,516,248, Cl. 375-76.000.
  - Keearns, Larry R., 4,495,580, Cl. 364-450.000.
  - Keearns, Larry R., 4,520,445, Cl. 364-450.000.
  - Keearns, Larry R., 4,558,418, Cl. 364-450.000.
  - Livingston, William D.; and Jacob, Eugene E., 4,536,877, Cl. 370-94.000.
  - Mosley, William H.; Sanders, David E.; and Roberson, Richard E., 4,499,585, Cl. 375-62.000.
  - Mosley, William H., Jr.; Sanders, David E.; and Bortnyk, George P., 4,530,103, Cl. 375-1.000.
  - Mosley, William H., Jr.; and Andren, Carl F., 4,538,280, Cl. 375-1.000.
  - Poston, Billy R.; and Andren, Carl F., 4,518,947, Cl. 340-347.0DD.
  - Sweeney, Dennis A.; and Sanders, David E., 4,528,674, Cl. 375-1.000.
  - Thurber, Charles H., Jr.; Behrens, Frederick A.; and Hunton, John H., 4,530,476, Cl. 244-3.210.
- E. Th. Noack Verpackungsmaschinen: *See—*
  - Masino, Leo, 4,519,282, Cl. 83-85.000.
- E.V. Camp Steel Works, Inc.: *See—*
  - Gearhart, Gordon E., 4,498,284, Cl. 59-84.000.
- E. W. Saybolt & Co., Inc.: *See—*
  - Davies, Alan; McCabe, Joseph H., III; and Kopil, Steven J., 4,502,224, Cl. 33-1.00V.
- E-Y Laboratories: *See—*
  - Chu, Albert E., 4,493,793, Cl. 260-112.00R.
- E-Z Buck, Inc.: *See—*
  - Freewalt, Wayne L.; and Ziegler, Joseph L., 4,508,194, Cl. 182-153.000.
- E-Z Out Container Corp.: *See—*
  - DeLay, Victor A., Jr., 4,557,395, Cl. 220-86.00R.
- E-Z P.A.C., Inc.: *See—*
  - Sherman, Ralph A., II; and Watson, Calvin R., 4,535,929, Cl. 229-39.00R.
- E-Zee Company: *See—*
  - Thompson, Joseph V., Jr., 4,546,569, Cl. 43-57.300.
- Eacobacci, Michael J.; and Olsen, Donald A., to Helix Technology Corporation. Cryopump with rapid cooldown and increased pressure. 4,546,613, 10-15-85, Cl. 62-55.500.
- Eagar, Robert G., Jr.; and Murphy, Gerald J., to Union Carbide Corporation. Acid addition to aqueous dialdehyde solutions. 4,491,676, 1-1-85, Cl. 568-449.000.
- Eagar, Thomas W.: *See—*
  - Barringer, Eric A.; and Eagar, Thomas W., 4,512,822, Cl. 148-24.000.
  - Barringer, Eric A.; and Eagar, Thomas W., 4,557,768, Cl. 148-24.000.
  - Shoup, Thomas E.; Maykut, Dennis J.; and Eagar, Thomas W., 4,531,042, Cl. 219-99.000.
- Eagen, Michael J.: *See—*
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- Eagle Industry Co., Ltd.: *See—*
  - Ishitani, Kenichiro; Unseki, Takashi; Amiboshi, Saburo; and Kawamura, Eiichi, 4,534,569, Cl. 277-27.000.
- Eagle, Jon R. Attic ventilation system. 4,550,648, 11-5-85, Cl. 98-37.000.
- Eagle Machinery Company: *See—*
  - Mosher, Oren A.; Mosher, Oren G.; and Douglas, Ellwood S., 4,533,007, Cl. 177-50.000.
  - Mosher, Oren A.; Mosher, Oren G.; and Douglas, Ellwood S., 4,550,792, Cl. 177-25.000.
- Eagle Manufacturing Company: *See—*
  - Pratz, Clarence L.; and DiClemente, Archimede, 4,491,251, Cl. 222-469.000.
- Eagle-Picher Industries, Inc.: *See—*
  - Carr, Dennis D.; and Walton, Riley C., 4,546,054, Cl. 429-101.000.
  - Derrington, Tommy J., 4,554,722, Cl. 29-426.500.
  - Markle, Richard A., 4,536,582, Cl. 548-477.000.
  - Markle, Richard A.; and Melchior, Wayne R., 4,562,008, Cl. 260-465.400.
  - Melchior, Wayne R., 4,529,558, Cl. 260-465.400.
  - Miller, Lee E.; Carr, Dennis D.; and Smith, Donald L., 4,517,264, Cl. 429-163.000.
  - Walker, Joe M.; and Potts, Thomas M., 4,537,759, Cl. 423-349.000.
  - Whitford, James C., 4,554,056, Cl. 204-2.100.
- Eagle Precision Tool Ltd.: *See—*
  - Usher, George R., 4,513,596, Cl. 72-51.000.
- Eagle Tractor Company, Inc.: *See—*
  - Williams, Leslie F., 4,526,238, Cl. 172-780.000.
- Eagleair, Inc.: *See—*
  - Hagar, Donald K.; and Geiger, Lyle D., 4,504,216, Cl. 431-183.000.
- Eagles, Brian A., to Coal Industry (Patents) Limited. Fluid supply for rotary cutter heads for mining machines. 4,501,449, 2-26-85, Cl. 299-81.000.
- Eagles, Brian A., to Coal Industry (Patents) Limited. Fluid supply systems for rotary cutter heads for mining machines and rotary cutter heads comprising fluid supply systems. 4,516,807, 5-14-85, Cl. 299-1.000.
- Eagles, Brian A.; and French, Albert G., to Coal Industry (Patents) Limited. Rotary cutter heads for mining machines. 4,521,058, 6-4-85, Cl. 299-81.000.
- Eagles, Brian A.: *See—*
  - French, Albert G.; and Eagles, Brian A., 4,533,180, Cl. 299-1.000.
- Eagon, Vicki L.; and Showers, Towanda S. Peel package sterile sanitary pads. 4,555,022, 11-26-85, Cl. 206-440.000.
- Eakin, Bertram E.: *See—*
  - Friedman, Robert H.; and Eakin, Bertram E., 4,539,093, Cl. 208-8.0LE.
- Eakin, Murdoch A.; Hayter, Anthony J.; and Furr, Barrington J. A., to Imperial Chemical Industries PLC. Amino, cyano phenylthio or phenoxyl indole derivatives. 4,533,672, 8-6-85, Cl. 514-415.000.
- Eakins, Kenneth E.: *See—*
  - Copp, Frederick C.; and Eakins, Kenneth E., 4,556,671, Cl. 514-404.000.
- Eales, David F., to British Gas Corporation. Particulate solid storage container and transport method. 4,560,094, 12-24-85, Cl. 222-195.000.

Ealovega, George D.; and Langridge, Peter J. Method of and apparatus for producing a photograph of a mobile subject. 4,498,744, 2-12-85, Cl. 352-89.000.

Ear Three Systems Manufacturing Company: *See—*

DuBrucq, Denyse C., 4,520,501, Cl. 381-48.000.

Earhart, Jack R.: *See—*

Johnson, John K.; Earhart, Jack R.; Astrom, Gordon L.; and Herbig, Mark A., 4,540,487, Cl. 210-264.000.

Earl, Gary W.; and Hickman, Howard M., to Sherex Chemical Company, Inc. High yield preparation of aromatic amine oxides. 4,504,666, 3-12-85, Cl. 546-345.000.

Earl, Gregory. Fuel evaporation apparatus and method. 4,538,583, 9-3-85, Cl. 123-557.000.

Earl, Robert B.; Larson, David B.; and Nguyen, Huy X., to Dow Chemical Company, The. Fracturing fluids containing bouyant inorganic diverting agent and method of use in hydraulic fracturing of subterranean formations. 4,509,598, 4-9-85, Cl. 166-308.000.

Earl, Webster B., to Fairchild Industries, Inc. Pressure transducer. 4,512,357, 4-23-85, Cl. 137-82.000.

Earle M. Jorgensen Co.: *See—*

Andreini, Rockne J.; Farmer, Audley J.; and Yaguchi, Svetlana, 4,523,951, Cl. 75-126.00B.

Earle, Richard L.: *See—*

de Jong, Joannes N. M.; and Earle, Richard L., 4,551,699, Cl. 336-135.000.

Earle, Roland D.; and McKee, Donald H. Coated food product and method of making same. 4,504,502, 3-12-85, Cl. 426-293.000.

Earle, William H.: *See—*

Caslavsky, Jaroslav L.; Lavoie, Gerald H.; Earle, William H.; and Viechnicki, Dennis J., 4,510,609, Cl. 373-110.000.

Earleson, Walter E.; King, Dennis M.; and Moncelle, Michael E., to Caterpillar Tractor Co. Locomotive governor control. 4,498,016, 2-5-85, Cl. 290-40.00R.

Earley, Fergus G. P.: *See—*

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Earley, John J. Removable garbage bag holder for kitchen sinks. 4,531,246, 7-30-85, Cl. 4-629.000.

Earley, John R., to Bridge Products, Inc. Tire valve assembly. 4,538,658, 9-3-85, Cl. 152-427.000.

Earley, Robert W., to White Consolidated Industries, Inc. Oil stirrer for refrigeration compressor. 4,545,743, 10-8-85, Cl. 417-372.000.

Early, Adrian B.; and Lillis, William J., to Burr-Brown Corporation. Reduced swing latch circuit utilizing gate current proportional to temperature. 4,540,900, 9-10-85, Cl. 307-289.000.

Early, Edward: *See—*

Colonius, Ray E.; and Early, Edward, 4,519,125, Cl. 29-558.000.

Early, Jack J.: *See—*

Burns, Kenneth R.; and Early, Jack J., 4,526,001, Cl. 60-274.000.

Early, John J.: *See—*

Rubbo, John T.; Burns, Kenneth R.; Heck, Ronald M.; and Early, John J., 4,502,444, Cl. 123-440.000.

Early, Judson H.: *See—*

Off, Joseph W. A.; and Early, Judson H., 4,549,916, Cl. 156-93.000.

Early, Scott H.: *See—*

Burson, Kyle L.; Early, Scott H.; and Ganesan, Apparajan, 4,554,515, Cl. 330-261.000.

Early, Susan E. Automatic floor treating apparatus. 4,503,581, 3-12-85, Cl. 15-319.000.

Early, Victor. Portable folding hunting stand. 4,549,635, 10-29-85, Cl. 182-187.000.

Earthship Enterprise, Inc.: *See—*

Britz, Richard D., 4,519,176, Cl. 52-742.000.

Earthway Products, Inc.: *See—*

Pickett, Kenneth J.; and Derr, Carl B., 4,497,264, Cl. 111-73.000.

Eary, George D., Sr. Adjustable upper body rest. 4,531,247, 7-30-85, Cl. 5-436.000.

Easco Corporation: *See—*

Cecil, Richard L., 4,526,069, Cl. 81-177.850.

Easco Hand Tools, Inc.: *See—*

Gagnon, Richard; Orszulak, Stanley; Pawloski, Louis; and Bodnar, Michael L., 4,529,071, Cl. 192-43.100.

Easley, Thomas E. Method and apparatus for decoding wafer combination locks. 4,517,746, 5-21-85, Cl. 33-549.000.

Eason, Lloyd R., to Dowley Manufacturing, Inc. Flaring tool. 4,535,616, 8-20-85, Cl. 72-116.000.

East, David S., to Knight Manufacturing Company, Inc. Fishing lure. 4,551,940, 11-12-85, Cl. 43-42.110.

East, Gary P.: *See—*

Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,552,553, Cl. 604-9.000.

Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,560,375, Cl. 604-9.000.

East, John; and Maxwell, Ian, to Metal Box p.l.c. Continuous extrusion of metals. 4,552,520, 11-12-85, Cl. 425-79.000.

East/West Industries, Inc.: *See—*

Spinosa, Dominic J.; and Knoll, Frank, 4,496,271, Cl. 410-105.000.

Spinosa, Dominic J.; and Knoll, Frank, 4,506,862, Cl. 251-149.500.

Eastcott, Peter D.; and Trussler, Ronald C., to Canadian General Electric Company Limited. Synchronizing synchronous motors, motors prior to clutch closure. 4,491,767, 1-1-85, Cl. 318-85.000.

Eastcott, Peter D.; and Trussler, Ronald C., to Canadian General Electric Company Limited. Electric inching impulse control. 4,496,883, 1-29-85, Cl. 318-98.000.

Eastcott, Peter D.: *See—*

Trussler, Ronald C.; Stevenson, Andrew C.; and Eastcott, Peter D., 4,556,826, Cl. 318-92.000.

Easter, Finis C.; and Aires, Ramon H., to RCA Corporation. Switching dc-to-dc converters. 4,504,896, 3-12-85, Cl. 363-21.000

Easter, James R.: *See—*

Impink, Albert J., Jr.; Rumancik, Joseph A.; and Easter, James R., 4,552,718, Cl. 376-216.000.

Easterly, James P., Jr.: *See—*

Adaway, Timothy J.; Fravel, Harold G., Jr.; and Easterly, James P., Jr., 4,525,496, Cl. 523-337.000.

Eastern Bowling Equipment Company: *See—*

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Eastern Company, The: *See—*

Dignan, Donald J., 4,492,394, Cl. 292-64.000.

Dye, Lester L., 4,498,815, Cl. 405-259.000.

MacPherson, David B.; Paris, Jay E.; Foley, Robert W.; Greinier, Martin W.; and Pulsifer, David N., 4,516,281, Cl. 4-319.000.

Weinerman, Lee S., 4,511,166, Cl. 292-29.000.

Wright, Raymond L., 4,516,886, Cl. 405-261.000.

Eastern Foam Products, Inc.: *See—*

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Eastern Metal of Elmira, Inc.: *See—*

Knapp, Michael D., 4,490,934, Cl. 40-603.000.

Eastern Safety Equipment Co., Inc.: *See—*

Hanson, George N., 4,526,448, Cl. 351-153.000.

Eastern Virginia Medical Authority: *See—*

Schellenberg, Karl A., 4,562,158, Cl. 436-57.000.

Eastin, John A. Manufacturing and using nitrogen fertilizer solutions on a farm. 4,511,389, 4-16-85, Cl. 71-54.000.

Eastin, John A. Manufacturing and using nitrogen fertilizer solutions on a farm. 4,512,794, 4-23-85, Cl. 71-54.000.

Eastin, John A. Manufacturing and using nitrogen fertilizer solutions on a farm. 4,515,615, 5-7-85, Cl. 71-54.000.

Eastman, Alan D.; Guillory, Jack P.; Cook, Charles F.; and Kimble, James B., to Phillips Petroleum Company. Oxidative dehydrogenation and cracking of paraffins with a promoted cobalt catalyst. 4,497,971, 2-5-85, Cl. 585-658.000.

Eastman, Dean E.; Eldridge, Jerome M.; Petersen, Kurt E.; and Olive, Graham, to International Business Machines Corporation. Cooling system for VLSI circuit chips. 4,561,040, 12-24-85, Cl. 361-385.000.

Eastman, George Y., to Thermacore, Inc. Capillary input for pumps. 4,547,130, 10-15-85, Cl. 417-53.000.

Eastman, Jay M.; and Boles, John A., to Skan-A-Matic Corp. System for optical scanning over a large depth of field. 4,560,862, 12-24-85, Cl. 235-467.000.

Eastman Kodak Company: *See—*

Abbas, Daniel C., 4,511,248, Cl. 356-4.000.

Abel, Edward P.; and Bowman, Wayne A., 4,504,569, Cl. 430-214.000.

Adams, L. Jane, 4,501,878, Cl. 528-286.000.

Adams, L. Jane, 4,521,556, Cl. 524-88.000.

Affolter, Peter, 4,525,829, Cl. 369-284.000.

Alexandrovich, Peter S., 4,507,377, Cl. 430-115.000.

Alexandrovich, Peter S.; Sorriero, Louis J.; and Sreekumar, Chandra, 4,547,449, Cl. 430-115.000.

Alligood, John H., 4,527,873, Cl. 354-121.000.

Anderson, Clifford L., 4,545,671, Cl. 355-3.0SH.

Ateya, Antoun I., 4,493,548, Cl. 355-3.0FU.

Ateya, Antoun I.; and Lu, Wei C., 4,496,644, Cl. 430-122.000.

Barbee, Robert B.; Bass, Roy K.; Davis, Burns; and Minnick, Larry A., 4,501,879, Cl. 528-288.000.

Barbee, Robert B.; and Davis, Burns, 4,518,763, Cl. 528-173.000.

Barbee, Robert B.; and Davis, Burns, 4,546,170, Cl. 528-302.000.

Barbee, Robert B.; and Wicker, Thomas H., Jr., 4,552,948, Cl. 528-194.000.

Baughman, Richard C.; Bump, David S.; and Hubbard, Charles R., 4,540,458, Cl. 156-312.000.

Baumeister, Hans P., 4,511,244, Cl. 355-14.0FU.

Baumeister, Hans-Peter, 4,547,056, Cl. 354-412.000.

Baumeister, Hans-Peter, 4,553,175, Cl. 358-310.000.

Bayer, Bryce E., 4,549,212, Cl. 358-167.000.

Bayer, Bryce E., 4,553,165, Cl. 358-167.000.

Bayer, Bryce E., 4,561,022, Cl. 358-167.000.

Belly, Robert T.; and Clements, Laurie J., 4,556,636, Cl. 435-34.000.

Bishop, John F.; and Braun, Thomas O., 4,499,174, Cl. 430-215.000.

Bishop, John F., 4,529,683, Cl. 430-215.000.

Bixby, James A., 4,511,931, Cl. 360-10.300.

Blanding, Douglass L.; and Muszak, Martin F., 4,512,952, Cl. 422-63.000.

Blazey, Richard N., 4,499,437, Cl. 332-7.510.

Blount, William W.; and Robinette, William M., 4,539,349, Cl. 523-509.000.

Borsenberger, Paul M., 4,540,647, Cl. 430-128.000.

Bothner, Carl R., 4,558,944, Cl. 355-3.0SH.

Bowers, Joseph S., Jr., 4,514,570, Cl. 546-181.000.

Bridges, Mark E., 4,493,547, Cl. 354-424.000.

Bridges, Mark E., 4,547,054, Cl. 354-268.000.

Brooks, Edward J.; and Schauffele, Carl N., 4,503,508, Cl. 364-525.000.

Brown, James W.; Chen, Tsang J.; and Schen, Michael A., 4,497,929, Cl. 524-547.000.

Brust, David P., 4,542,087, Cl. 430-220.000.

Brust, David P.; Neumann, Stephen M.; and Weissberger, Edward, 4,551,411, Cl. 430-216.000.

Budinski, Kenneth G.; and Brandon, Kenneth F., 4,546,465, Cl. 369-287.000.
Chandler, Jasper S.; and Geyer, Frederick F., 4,536,869, Cl. 369-287.000.
Chen, Chin H.; Goliber, Thomas E.; Perlstein, Jerome H.; and Reynolds, George A., 4,496,730, Cl. 546-23.000.
Chen, Chin H.; Goliber, Thomas E.; Perlstein, Jerome H.; and Reynolds, George A., 4,552,825, Cl. 430-83.000.
Chen, Tsang J., 4,512,969, Cl. 424-81.000.
Clark, Bernard A.; Simons, Michael J.; and Holstead, Colin, 4,504,568, Cl. 430-203.000.
Clemens, Robert J., 4,496,747, Cl. 549-291.000.
Colles, Joseph H.; and Bixby, James A., 4,496,995, Cl. 360-9.100.
Columbus, Richard L., 4,549,952, Cl. 204-416.000.
Covington, Roger G.; and Miller, Stephen H., 4,553,232, Cl. 369-287.000.
Crawley, Michael W., 4,548,888, Cl. 430-223.000.
Dahneke, Barton E.; and Marchant, Alan B., 4,519,061, Cl. 369-109.000.
Daniels, Steven D.; Stoneham, Jeffrey R.; and Erickson, John K., 4,507,254, Cl. 264-1.900.
Davis, Burns; and Barbee, Robert B., 4,560,741, Cl. 528-302.000.
Delton, Mary H.; and Daniel, Daniel S., 4,504,368, Cl. 204-1.00T.
Derimiggio, John, 4,512,649, Cl. 355-3.0FU.
Detty, Michael R.; and Perlstein, Jerome H., 4,525,443, Cl. 430-83.000.
Detwiler, Richard L.; Schlegel, Brooke P.; and Kissel, Thomas R., 4,505,801, Cl. 204-418.000.
Dickerson, Robert E., 4,520,098, Cl. 430-495.000.
Dombroski, John R.; Hawkins, J. Maynard; Pollock, Mark A.; Leonard, Alan P.; and Mitchell, Thomas A., 4,547,329, Cl. 264-118.000.
DoMinh, Thap, 4,548,897, Cl. 430-351.000.
Drexhage, Karl H., 4,524,204, Cl. 544-103.000.
Dunleavy, James E., Jr., 4,512,651, Cl. 355-14.0SH.
Edwards, Larry D.; Sauter, Frederick J.; and Burgmaier, George J., 4,524,128, Cl. 430-353.000.
Edwards, Ray, 4,526,919, Cl. 524-232.000.
Edwards, Ray, 4,528,312, Cl. 524-232.000.
Eikenberry, Jon N., 4,547,460, Cl. 435-15.000.
Eikenberry, Jon N., 4,547,465, Cl. 436-170.000.
Elam, Edward U.; and Middleton, Michael L., 4,551,523, Cl. 536-119.000.
Ellis, Richard G.; and Alksninis, Audra T., 4,561,646, Cl. 271-236.000.
Elvin, Warren G., 4,551,006, Cl. 355-14.0FU.
Ernst, William L., 4,506,973, Cl. 355-3.0DD.
Esders, Theodore W.; Lynn, Shirley Y.; Findlay, John B.; and Schubert, Richard M., 4,547,461, Cl. 435-17.000.
Evans, Francis J.; Daubendiek, Richard L.; and Raleigh, Ronald G., 4,504,570, Cl. 430-217.000.
Evans, Steven; and Elwood, James K., 4,495,099, Cl. 534-651.000.
Fagerburg, David R.; and McFarlane, Finley E., 4,499,262, Cl. 528-279.000.
Fagerburg, David R., 4,501,877, Cl. 528-271.000.
Fagerburg, David R.; and Jackson, Winston J., Jr., 4,503,216, Cl. 528-355.000.
Fearnside, William T., 4,506,300, Cl. 358-225.000.
Fearnside, William T., 4,535,359, Cl. 358-163.000.
Frank, David S.; and Belly, Robert T., 4,555,396, Cl. 424-3.000.
Gabrielsen, Rolf S.; Graham, Patricia A.; Klijanowicz, James E.; and Stern, Max H., 4,499,304, Cl. 564-92.000.
Gabrielsen, Rolf S.; Graham, Patricia A.; and Klijanowicz, James E., 4,507,479, Cl. 544-348.000.
Gabrielsen, Rolf S., 4,552,980, Cl. 564-79.000.
Geyer, Frederick F., 4,561,086, Cl. 369-100.000.
Goodhue, Charles T., 4,499,184, Cl. 435-11.000.
Gourley, Robert N., 4,552,951, Cl. 534-770.000.
Gourley, Robert N., 4,552,952, Cl. 534-782.000.
Gourley, Robert N., 4,554,348, Cl. 534-768.000.
Guardino, Robert F.; and Belly, Robert T., 4,525,453, Cl. 435-34.000.
Gupta, Mool C.; Wrobel, Joseph J.; and Strome, Forrest C., Jr., 4,527,173, Cl. 346-135.100.
Gupta, Mool C.; Wrobel, Joseph J.; and Howe, Dennis G., 4,538,159, Cl. 346-135.100.
Gustafson, Bruce L., 4,518,714, Cl. 518-721.000.
Hartman, Susan E.; Allen, Michael E.; and Pascoe, William E., 4,506,094, Cl. 560-118.000.
Harvey, Donald M., 4,506,304, Cl. 360-14.300.
Harvey, Donald M., 4,515,457, Cl. 354-443.000.
Harvey, Donald M., 4,540,265, Cl. 354-417.000.
Hawkins, Gilbert A., 4,559,086, Cl. 148-1.500.
Hilbert, Samuel D.; and McConnell, Richard L., 4,554,206, Cl. 428-261.000.
Holzhauser, Ronald C.; McGlen, James A.; and Lawniczak, Gary P., 4,520,977, Cl. 248-201.000.
Howe, Dennis G.; and Barnard, James A., 4,530,082, Cl. 369-112.000.
Hyatt, John A.; and Coates, Clarence A., Jr., 4,499,272, Cl. 546-172.000.
Jackson, Winston J., Jr.; and Darnell, William R., 4,507,256, Cl. 264-54.000.
Jackson, Winston J., Jr.; Kuhfuss, Herbert F.; and Watkins, Joseph J., 4,539,390, Cl. 528-303.000.
Jackson, Winston J., Jr.; and Watkins, Joseph J., 4,554,343, Cl. 528-274.000.
Jackson, Winston J., Jr.; and Watkins, Joseph J., 4,554,344, Cl. 528-283.000.
Jacobs, Merrit N., 4,539,855, Cl. 73-864.250.
Jadwin, Thomas A.; and Rimai, Donald S., 4,517,272, Cl. 430-110.000.
Jakubowicz, Raymond F., 4,519,258, Cl. 73-864.160.
Kashdan, David S., 4,496,762, Cl. 564-170.000.
Kindt, Robert J., 4,513,959, Cl. 271-270.000.
Klijanowicz, James E.; and Kovacs, Csaba A., 4,536,598, Cl. 564-49.000.
Kocher, Haribhajan S., 4,512,650, Cl. 355-3.0FU.
Krishnamurthy, Sundaram, 4,540,657, Cl. 430-546.000.
Kroll, Arthur S.; and Shuster, Frank A., 4,531,832, Cl. 355-3.0DD.
Ksaacson, Henry V.; and Wright, Hal E., 4,535,046, Cl. 430-78.000.
Lambeth, David N., 4,494,868, Cl. 356-1.000.
Lambeth, David N., 4,521,106, Cl. 356-1.000.
Lambeth, David N., 4,527,891, Cl. 356-1.000.
LaRossa, Denise D.; Thunberg, Allen L.; Norton, Gary E.; and Dappen, Glen M., 4,555,484, Cl. 435-21.000.
Lau, Philip T. S.; and Einhaus, Gary M., 4,552,834, Cl. 430-393.000.
Lawrence, David J.; Abbas, Daniel C.; Phelps, Daniel J.; and Smith, Frank T. J., 4,495,514, Cl. 357-67.000.
Lehmann, Robert P.; and Vianco, James E., 4,550,396, Cl. 369-284.000.
Lemke, James U., 4,524,390, Cl. 358-213.000.
Lemke, James U., 4,550,492, Cl. 29-603.000.
Lentz, Carl M.; Overton, James R.; and Cornell, David D., 4,506,092, Cl. 560-103.000.
Lentz, Carl M.; Overton, James R.; and Cornell, David D., 4,507,493, Cl. 560-103.000.
LiMuti, Charles M.; Babb, Bruce E.; and Mauck, John C., 4,555,483, Cl. 435-19.000.
Loblaw, James C.; and Lussier, Barbara B., 4,560,638, Cl. 430-264.000.
Losee, David L., 4,525,733, Cl. 357-65.000.
Lowne, Alan J., 4,552,458, Cl. 356-446.000.
Lu, Wei C., 4,533,229, Cl. 355-3.0DD.
Mahar, Ralph W., 4,532,177, Cl. 428-328.000.
Marchant, Alan B., 4,507,774, Cl. 369-271.000.
Marchant, Alan B.; and Howe, Dennis G., 4,539,573, Cl. 346-137.000.
Marcus, Michael A., 4,494,841, Cl. 354-21.000.
Martin, William A.; and Lee, James K., 4,504,132, Cl. 354-195.100.
Martin, William A., 4,556,303, Cl. 354-141.000.
McColgin, William C.; and Pace, Laurel J., 4,553,153, Cl. 357-30.000.
McConnell, Richard L.; Cox, Abraham J.; and Darnell, William R., 4,551,521, Cl. 528-302.000.
Mey, William, 4,513,071, Cl. 430-19.000.
Meyer, Max F., Jr.; Bond, Gary L.; and McConnell, Richard L., 4,540,749, Cl. 525-437.000.
Minor, James C., 4,522,542, Cl. 412-25.000.
Miskinis, Edward T.; and Jadwin, Thomas A., 4,546,060, Cl. 430-108.000.
Mitchell, John D.; and Michel, Stephen, 4,493,881, Cl. 430-42.000.
Moberg, Gregory O., 4,496,939, Cl. 340-636.000.
Molaire, Michel F., 4,499,165, Cl. 430-17.000.
Moore, Leslie G.; and Lee, Te-Hsung, 4,495,516, Cl. 358-54.000.
Morris, John C.; and Zannucci, Joseph S., 4,525,504, Cl. 524-99.000.
Morris, John C.; and Jackson, Winston J., Jr., 4,526,822, Cl. 428-35.000.
Morris, John C.; and Jackson, Winston J., Jr., 4,551,520, Cl. 528-302.000.
Musser, Harry R.; Strickland, Thomas H.; and Zannucci, Joseph S., 4,524,165, Cl. 524-99.000.
Neumann, Stephen M.; Pearce, Glenn T.; and Sorrell, Theophilus, 4,559,291, Cl. 430-214.000.
Newland, Gordon C.; and Darnell, William R., 4,533,729, Cl. 528-371.000.
Ng, Yee S., 4,497,566, Cl. 355-3.0CH.
Ng, Yee S.; Jarvis, James G.; and Thompson, John R., 4,512,653, Cl. 355-16.000.
Pacifici, James G.; and Blankenship, Allen J., 4,503,268, Cl. 568-765.000.
Painton, Richard C., 4,544,969, Cl. 360-78.000.
Passmore, David T.; and Windibank, Brian P., 4,514,230, Cl. 106-243.000.
Peffer, Robert M., 4,547,058, Cl. 355-3.0SH.
Petke, Frederick D.; Ramsey, Charles W.; and McConnell, Richard L., 4,554,303, Cl. 524-277.000.
Phillips, Bobby M., 4,495,244, Cl. 428-399.000.
Phillips, Bobby M., 4,497,627, Cl. 432-59.000.
Phillips, Bobby M., 4,519,200, Cl. 57-246.000.
Phillips, Bobby M., 4,543,697, Cl. 28-246.000.
Piatt, Michael J.; and Williams, Theodore F., 4,494,124, Cl. 346-1.100.
Pierson, Charles W., 4,556,474, Cl. 204-416.000.
Rakov, David M., 4,540,271, Cl. 355-3.00R.
Reczek, James A.; and Elwood, James K., 4,495,098, Cl. 534-651.000.
Reczek, James A.; and Elwood, James K., 4,495,100, Cl. 534-651.000.
Reczek, James A.; and Palumbo, Janice M., 4,555,478, Cl. 430-367.000.

- Reczek, James A., 4,562,139, Cl. 430-223.000.
- Reibl, Michael, 4,557,571, Cl. 354-149.110.
- Ricards, John D., 4,527,212, Cl. 360-121.000.
- Romansky, John A., 4,493,982, Cl. 219-469.000.
- Romansky, John A.; and Matson, Gary R., 4,501,483, Cl. 355-3.0FU.
- Rubin, Jacob D., 4,517,734, Cl. 29-577.00C.
- Russel, Matthew J., 4,537,493, Cl. 355-3.0SH.
- Sandefur, Louise O.; Slusarek, Wojciech; Wilson, Burton D.; and Maggiulli, Cataldo A., 4,515,947, Cl. 544-295.000.
- Saxon, Daniel I., 4,502,633, Cl. 239-132.300.
- Schmidt, Robert R., 4,525,551, Cl. 526-116.000.
- Schutrum, Walter L., 4,560,991, Cl. 346-75.000.
- Scozzafava, Michael; Chen, Chin H.; Reynolds, George A.; and Perlstein, Jerome H., 4,514,481, Cl. 430-58.000.
- Seely, Neil G., 4,557,578, Cl. 354-400.000.
- Silkman, Ronald W., 4,553,027, Cl. 235-474.000.
- Smart, David C., 4,497,553, Cl. 354-135.000.
- Spaller, Albert E., 4,519,281, Cl. 83-37.000.
- Spencer, John E.; Greene, Reginald S.; and Fisher, Terrence L., 4,492,443, Cl. 354-121.000.
- Spitzner, Jerome G.; and Stoudt, Michael D., 4,518,246, Cl. 355-4.000.
- Steklenski, David J.; Upson, Donald A.; and Low, Howard M., 4,507,385, Cl. 430-523.000.
- Steklenski, David J.; and Littman, Jon E., 4,542,095, Cl. 430-527.000.
- Stockbridge, Bruce W., 4,521,944, Cl. 28-264.000.
- Stoudt, Michael D., 4,537,490, Cl. 355-3.00R.
- Stryjewski, Walter A., 4,501,482, Cl. 355-3.0FU.
- Tamary, Ernest J., 4,496,235, Cl. 355-3.0FU.
- Thomsen, Joelle R.; and Fagerburg, David R., 4,521,585, Cl. 528-271.000.
- Toner, John L.; and Daniel, Daniel S., 4,505,800, Cl. 204-418.000.
- Tsilibes, George N., 4,507,373, Cl. 430-31.000.
- Upson, Donald A.; and Kestner, Diane E., 4,497,917, Cl. 523-201.000.
- Upson, Donald A.; and Steklenski, David J., 4,526,706, Cl. 252-500.000.
- Upson, Donald A.; and Steklenski, David J., 4,544,723, Cl. 524-347.000.
- VanderValk, Paul D., 4,495,263, Cl. 430-60.000.
- VanSlyke, Steven A.; and Tang, Ching W., 4,539,507, Cl. 313-504.000.
- Veillard, Dominique H., 4,493,093, Cl. 375-110.000.
- Veillard, Dominique H., 4,494,155, Cl. 360-47.000.
- Veillard, Dominique H., 4,506,306, Cl. 360-47.000.
- Wang, Richard H. S.; and Myers, Garry L., 4,518,808, Cl. 568-765.000.
- Ward, John W., 4,518,259, Cl. 356-446.000.
- Washburn, William N., 4,555,477, Cl. 430-359.000.
- Washburn, William N.; and Hollister, Kenneth R., 4,557,998, Cl. 430-367.000.
- Watt, Peter B.; and Sharman, Richard A., 4,541,688, Cl. 350-171.000.
- Weaver, Max A.; and Coates, Clarence A., Jr., 4,528,368, Cl. 534-768.000.
- Weaver, Max A.; and Giles, Ralph R., 4,530,997, Cl. 534-768.000.
- Weaver, Max A.; and Fleischer, Jean C., 4,562,248, Cl. 534-630.000.
- Weber, Lynda D.; Merkel, Paul B.; and Warren, Harold C., III, 4,524,122, Cl. 430-223.000.
- Weemes, Doyle A.; and Seymour, Robert W., 4,510,205, Cl. 428-483.000.
- West, Bradford D., Jr.; and Berchtold, Jean, 4,544,974, Cl. 360-120.000.
- Wey, Jong-Shinn; Whiteley, Thomas E.; and Hamlin, James M., 4,552,838, Cl. 430-569.000.
- White, Alan W., 4,558,136, Cl. 548-221.000.
- Wilson, John C.; DeMejo, Lawrence P.; Jadwin, Thomas A.; and Merrill, Stewart H., 4,496,643, Cl. 430-110.000.
- Wilson, William C.; and Green, Michael H., 4,511,297, Cl. 412-8.000.
- Wolcott, Dana W., 4,492,444, Cl. 354-121.000.
- Wu, Stephen H.; and Dannelly, Clarence C., 4,518,769, Cl. 528-486.000.
- Wu, Tai-Wing, 4,548,905, Cl. 436-97.000.
- Yudelson, Joseph S.; and Johnson, Thomas M., 4,552,848, Cl. 436-86.000.

Eastman Machine Company: *See—*
- Barrett, Robert C.; Buscher, John H.; and Putnam, William M., 4,554,738, Cl. 30-275.000.
- Buscher, John H., 4,553,328, Cl. 33-32.00G.

Eastman, Robert E., II; and Gray, Dale W. Arrow game tracker. 4,557,243, 12-10-85, Cl. 124-88.000.

Eastman, William J.: *See—*
- Iversen, Alfred A.; and Eastman, William J., 4,541,421, Cl. 128-87.00B.

Eastmond, Bruce C.; and Richardson, Julian H., to Motorola, Inc. SSB system with pilot coded squelch. 4,541,118, 9-10-85, Cl. 455-35.000.

Eastmond, Bruce C.: *See—*
- Thompson, Sharon E.; and Eastmond, Bruce C., 4,510,624, Cl. 455-223.000.

Easton, David J., to Deere & Company. Pivot pin assembly. 4,491,436, 1-1-85, Cl. 403-122.000.

Easton, Thomas C., to Tektronix, Inc. Method for simultaneously cutting a plurality of circuit boards. 4,532,839, 8-6-85, Cl. 83-29.000.

Eastridge, Victor R.; and Milani, John C. Cigarette extinguisher. 4,516,587, 5-14-85, Cl. 131-256.000.

Eastridge, Victor R.; Van dewege, Orville; and Akin, Alan D. Tire tool. 4,528,735, 7-16-85, Cl. 29-221.500.

Eastwood, Barbara J.: *See—*
- McCandliss, Russell J.; Eastwood, Barbara J.; and Milch, Robert A., 4,536,207, Cl. 71-88.000.

Easy Ride, Inc.: *See—*
- Oldfield, Peter M., 4,535,495, Cl. 5-432.000.

Eatock, Fred L., to Hewlett-Packard Company. Preamplifier circuits. 4,504,797, 3-12-85, Cl. 330-293.000.

Eaton, Brian M.: *See—*
- Brown, Ivan R.; Bjorck, Paul M.; and Eaton, Brian M., 4,506,569, Cl. 82-2.00R.

Eaton, Cheryl: *See—*
- Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.

Eaton Corporation: *See—*
- Anderson, Harry B.; and Zalewski, Jack J., 4,501,937, Cl. 200-5.00A.
- Aschenbach, Louis F., 4,536,736, Cl. 337-317.000.
- Baltare, Gunnar, 4,526,254, Cl. 188-341.000.
- Baltare, Gunnar, 4,552,254, Cl. 188-328.000.
- Begley, Benjamin D., 4,533,302, Cl. 418-61.00B.
- Benjamin, James A.; and Schutten, Herman P., 4,511,818, Cl. 310-338.000.
- Benjamin, James A.; Lade, Robert W.; and Schutten, Herman P., 4,533,783, Cl. 136-249.000.
- Bernett, Thomas B., 4,508,144, Cl. 138-45.000.
- Bielinski, Ralph F.; Chacon, M. Frank; Kramer, Dennis M.; Mathias, William R.; and Schneider, Stanley, 4,538,199, Cl. 361-93.000.
- Bopp, Warren G., 4,493,406, Cl. 192-58.00B.
- Bopp, Warren G., 4,496,034, Cl. 192-3.280.
- Bopp, Warren G., 4,505,365, Cl. 192-3.290.
- Bopp, Warren G., 4,540,076, Cl. 192-58.00B.
- Bradshaw, Cyril E., 4,531,498, Cl. 123-568.000.
- Bradshaw, Cyril E., 4,559,971, Cl. 137-596.170.
- Braun, Eugene R., 4,555,959, Cl. 74-334.000.
- Brifman, Josef; Chacon, M. Frank; Schmerda, Richard F.; and Smith, Frank E., 4,556,882, Cl. 340-825.060.
- Brown, Richard J., 4,544,054, Cl. 192-58.00B.
- Brubaker, John R., 4,517,543, Cl. 337-140.000.
- Burke, John M., 4,492,636, Cl. 210-706.000.
- Butterworth, Edmund M., 4,544,810, Cl. 200-5.00B.
- Butterworth, Edmund M.; and Dennison, William G., 4,544,814, Cl. 200-50.00C.
- Calviello, Joseph A., 4,549,194, Cl. 357-30.000.
- Cartz, Louis; Weiss, Arnold; Schutten, Herman P.; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,504,964, Cl. 378-119.000.
- Chen, Chee G., 4,516,112, Cl. 340-365.00R.
- Clancey, Stephen M., 4,502,580, Cl. 192-58.00B.
- Cranston, Dean H.; and Myers, Charles M., 4,544,293, Cl. 400-320.000.
- Davis, Alan R., 4,497,396, Cl. 192-53.00E.
- Dennison, William G.; Horr, Kenneth R.; and Kindler, Robert I., 4,525,694, Cl. 335-132.000.
- De Vera, Dennis, 4,536,953, Cl. 29-622.000.
- Dunn, Robert H., 4,556,982, Cl. 375-10.000.
- Durisin, Bretislav, 4,537,168, Cl. 123-198.00R.
- Dykstra, Jerald P.; and Bellamy, Brad L., 4,514,637, Cl. 250-492.200.
- Ekeleme, Charles E., Jr.; and Martin, Rabian M., 4,543,987, Cl. 137-540.000.
- Farley, Marvin, 4,539,217, Cl. 427-10.000.
- Fischer, Kenneth C., 4,497,068, Cl. 455-608.000.
- Forsell, Kenneth A., 4,511,774, Cl. 200-147.00R.
- Forsell, Kenneth A.; and Mallonen, Edward A., 4,520,244, Cl. 200-67.0DA.
- Forsell, Kenneth A., 4,521,756, Cl. 335-21.000.
- Forsell, Kenneth A.; and Mallonen, Edward A., 4,528,539, Cl. 337-49.000.
- Forsell, Kenneth A.; and Theisen, Peter J., 4,549,153, Cl. 335-16.000.
- Gale, Allan R.; and Chute, Richard, 4,532,460, Cl. 318-139.000.
- Gale, Allan R., 4,549,121, Cl. 318-301.000.
- Glenn, Robert L., 4,511,204, Cl. 339-263.00R.
- Glenn, Robert L., 4,553,005, Cl. 200-153.0LA.
- Gooch, Douglas C., 4,495,838, Cl. 74-869.000.
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- Goscenski, Edward J., Jr., 4,513,633, Cl. 74-650.000.
- Green, Edward A., 4,503,726, Cl. 74-473.00R.
- Hastings, Jerome K.; Brubaker, John R.; and Kroll, John W., 4,520,336, Cl. 337-140.000.
- Hastings, Jerome K.; Bigelow, James H.; and Pearson, Robert L., 4,521,757, Cl. 335-79.000.
- Hazel, Michael E., 4,531,621, Cl. 192-58.00B.
- Heilman, Gregory P., 4,543,814, Cl. 73-1.00C.
- Hemme, Wilbur F., 4,508,314, Cl. 251-11.000.
- Holmes, Russell C., 4,531,430, Cl. 74-858.000.
- Holtzhauser, Joseph C.; and Kwasniewski, Dale L., 4,498,515, Cl. 152-417.000.
- Hoppie, Lyle O.; and Chute, Richard, 4,531,719, Cl. 267-57.10R.
- Hoppie, Lyle O., 4,532,163, Cl. 428-36.000.

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Jones, Michael E., 4,537,090, Cl. 74-502.000.
Jones, William H.; and Chambers, Worthy L., 4,525,697, Cl. 337-354.000.
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Kenny, Andrew A., 4,513,785, Cl. 137-881.000.
King, Monroe L., 4,514,636, Cl. 250-443.100.
Klein, Gary S., 4,500,748, Cl. 174-121.00A.
Kolze, Lawrence A., 4,527,590, Cl. 137-596.170.
Kolze, Lawrence A., 4,541,448, Cl. 137-62.000.
Kotian, Vijayraj M.; Blumer, Roger L.; and Herbert, William J., 4,520,260, Cl. 219-553.000.
Kroll, John W., 4,520,375, Cl. 346-140.00R.
Kroll, John W.; and Hyink, Roy, 4,522,147, Cl. 116-216.000.
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Larson, Jay M.; Jenkins, Lawrence F.; and Belmore, James E., 4,547,229, Cl. 148-134.000.
Lauer, Ernst H.; and Reynolds, Joseph D., 4,550,627, Cl. 74-475.000.
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Mahon, Joseph J., 4,523,062, Cl. 200-35.00R.
Mahon, Joseph J., 4,551,590, Cl. 200-38.00R.
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Mason, Gary R.; Speaker, Kenneth W.; Macropol, James L.; McKie, Robert A.; and Bailin, Sidney C., 4,503,499, Cl. 364-200.000.
Mathews, George P., 4,527,683, Cl. 192-111.00A.
Meier, Paul J., 4,560,964, Cl. 333-202.000.
Mezak, John A., 4,500,858, Cl. 333-202.000.
Monick, Frederick R., 4,491,203, Cl. 188-71.900.
Moran, Thomas M.; and DiBello, Benedict J., 4,500,240, Cl. 411-103.000.
Morgan, Paul W.; Ellwood, Thomas J.; Amlani, Kish D.; and Hodges, John B., 4,555,955, Cl. 73-862.060.
Morscheck, Timothy J., 4,495,837, Cl. 74-869.000.
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Mueller, Robert S., 4,526,257, Cl. 192-48.200.
Northman, Bradley L., 4,496,101, Cl. 239-102.000.
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O'Neil, Walter K., 4,556,116, Cl. 180-79.100.
Patel, Kiritkumar R., 4,497,398, Cl. 192-88.00B.
Peloza, Kirk B., 4,499,915, Cl. 137-85.000.
Petrie, Dennis J.; and Hastings, Jerome K., 4,546,336, Cl. 335-16.000.
Petrie, Dennis J.; Bridges, Robert B.; Grass, William E.; and Hastings, Jerome K., 4,546,337, Cl. 335-16.000.
Piber, Earl T., 4,559,016, Cl. 440-6.000.
Pipes, George R., 4,496,274, Cl. 414-340.000.
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Reynolds, Joseph D., 4,502,346, Cl. 74-339.000.
Reynolds, Joseph D.; and Davis, Alan R., 4,515,029, Cl. 74-339.000.
Reynolds, Joseph D.; and Lauer, Ernst H., 4,543,843, Cl. 74-473.00R.
Richards, Elmer A., 4,527,447, Cl. 74-866.000.
Rolf, Jeffrey O., 4,493,597, Cl. 411-198.000.
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Rudish, Ronald M.; and McVeigh, Peter J., 4,532,519, Cl. 343-372.000.
Ryczek, Lawrence J., 4,513,343, Cl. 361-101.000.
Ryczek, Lawrence J.; and Janutka, William J., 4,521,694, Cl. 307-266.000.
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Ryczek, Lawrence J., 4,560,891, Cl. 307-597.000.
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Savas, Charles R., 4,506,198, Cl. 318-301.000.
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Schuchmann, Russell P.; and Van Zeeland, Donald L., 4,543,527, Cl. 324-207.000.
Schutten, Herman P., 4,530,317, Cl. 123-46.00R.
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Slicker, James M., 4,491,768, Cl. 318-139.000.
Smith, Stanley K., 4,532,599, Cl. 364-552.000.
Smith, Stanley K.; and Rozsi, Donald J., 4,551,808, Cl. 364-474.000.
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Smyth, Robert R., 4,551,802, Cl. 364-424.100.
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Eaton Laboratories, Inc.: *See—*
Ellis, Keith O.; and Moore, Alan F., 4,543,359, Cl. 514-390.000.
Eaton-Leonard Corporation: *See—*
Traub, Zeno P., 4,495,788, Cl. 72-157.000.
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De Raco, Maurice; and Rey, Pierre, 4,551,593, Cl. 200-81.00R.
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Greenwood, Leon D.; and Thorsen, Thomas A., 4,492,190, Cl. 123-185.00A.
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Nishikiori, Kenji; and Ozawa, Naomitsu, 4,545,740, Cl. 417-317.000.
Nishimori, Sinji, 4,560,476, Cl. 210-416.100.
Oshima, Masao; Kato, Yutaka; Ogasawara, Mitsuhiko; and Futamura, Osamu, 4,512,936, Cl. 261-93.000.
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- Ebara, Yohji: *See—*
  - Hokusho, Hiroyasu; and Ebara, Yohji, 4,541,306, Cl. 74-713.000.
- Ebata, Mitsuo; Miyake, Yukio; and Kawamura, Yoshimi, to Shionogi & Co., Ltd. β-Galactosidase inhibitor GT-2558 and its derivatives. 4,497,797, 2-5-85, Cl. 424-118.000.
- Ebata, Sadao; and Bando, Seiji, to Kawasaki Steel Corporation. Nozzle header for cooling plates. 4,511,089, 4-16-85, Cl. 239-553.300.
- Ebata, Shuji: *See—*
  - Osugi, Minoru; Nakamura, Tadasi; and Ebata, Shuji, 4,547,482, Cl. 502-208.000.
- Ebata, Yasuhiko: *See—*
  - Yamane, Masataka; Kusashio, Akira; Kudaka, Satoru; Kobayashi, Tatuhiro; and Ebata, Yasuhiko, 4,505,129, Cl. 62-280.000.
- Ebata, Yoshihiro; Tamari, Nobuyuki; Toibana, Yasuo; and Hayami, Ryozo, to Agency of Industrial Science and Technology. Process for metallizing the surface of a ceramic. 4,525,387, 6-25-85, Cl. 427-190.000.
- Ebata, Yoshihiro; Kinoshita, Makoto; and Hayami, Ryozo, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Adhesive for mutual union of oxide type ceramic articles and method for manufacture thereof. 4,529,459, 7-16-85, Cl. 156-89.000.
- Ebata, Yoshikazu: *See—*
  - Hanyu, Susumu; and Ebata, Yoshikazu, 4,498,405, Cl. 112-168.000.
  - Nomoto, Reishi; Takahashi, Masayoshi; and Ebata, Yoshikazu, 4,553,544, Cl. 128-340.000.
- Ebato, Noboru: *See—*
  - Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, 4,518,665, Cl. 429-153.000.
  - Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.
- Ebato, Seigo: *See—*
  - Yamada, Motoshige; and Ebato, Seigo, 4,548,898, Cl. 430-510.000.
- Ebauches Electroniques S.A.: *See—*
  - Cleusix, Willy; and Nikles, Francois, 4,509,867, Cl. 368-321.000.
  - Jeannot, Michel; and Salvalai, Italo, 4,561,960, Cl. 204-297.00W.
- Ebauches, S.A.: *See—*
  - Grimm, Maurice, 4,500,213, Cl. 368-208.000.
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  - Priel, Ury; Yaron, Giora; and Ebel, Mark S., 4,519,076, Cl. 371-21.000.
- Ebeling, Olavi: *See—*
  - Lunden, Risto; and Ebeling, Olavi, 4,492,491, Cl. 405-119.000.
- Ebeling, Peter: *See—*
  - Kluting, Bernd; Ebeling, Peter; and Strowik, Willibald, 4,530,481, Cl. 248-394.000.
- Ebenal, Harry R., deceased; and by Ritter, Gladys M., executrix. Support garment for males. 4,526,167, 7-2-85, Cl. 128-158.000.
- Ebenhoch, Sebastian: *See—*
  - Orth, Eugene C.; and Ebenhoch, Sebastian, 4,500,234, Cl. 408-206.000.
- Eberhard Hoesch & Sohne GmbH & Co.: *See—*
  - Schotten, Alfons, 4,552,660, Cl. 210-225.000.
- Eberhard, Jeffrey W.: *See—*
  - Barber, William D.; Eberhard, Jeffrey W.; and Karr, Steven G., 4,542,657, Cl. 73-861.250.
- Eberhard, Philippe H., to United States of America, Energy. Point sensitive NMR imaging system using a magnetic field configuration with a spatial minimum. 4,556,848, 12-3-85, Cl. 324-309.000.
- Eberhardt, H. Alfred, to Hale Fire Pump Company. Starting system for a portable engine-pump unit. 4,503,812, 3-12-85, Cl. 123-2.000.
- Eberhardt, H. Alfred, to Diesel Kiki Co., Ltd. Floating portable pump. 4,553,902, 11-19-85, Cl. 417-34.000.
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- Eberhardt, Mark E., Jr., to Hobart Corporation. Control system and method of controlling a dishwashing machine. 4,561,904, 12-31-85, Cl. 134-18.000.
- Eberhardt, Roland C. Plaque alignment tool. 4,503,618, 3-12-85, Cl. 33-180.00R.
- Eberhardt, Werner: *See—*
  - Dierichs, Wolfgang; Eberhardt, Werner; and Wegner, Jurgen, 4,505,964, Cl. 428-85.000.
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- Eberhart, Gerald E.; and Sauls, Goah T., to Olin Corporation. Primer pocketing method for brass cartridge cases. 4,517,716, 5-21-85, Cl. 29-1.300.
- Eberhart, Robert C.: *See—*
  - Munro, Mark S.; Quattrone, Alfred J.; Ellsworth, Steven R.; and Eberhart, Robert C., 4,530,974, Cl. 525-329.400.
- Eberle, David N.: *See—*
  - Sobolewski, Robert; and Eberle, David N., 4,520,861, Cl. 164-473.000.
- Eberle, John W., to Hawkeye Container Company. Method of containing, storing, and transporting agricultural products in a high moisture condition. 4,535,586, 8-20-85, Cl. 53-432.000.
- Eberle, Jurg: *See—*
  - Reist, Walter; and Eberle, Jurg, 4,512,457, Cl. 198-479.000.
- Eberle, Kelly L. Method for manufacture of a storage battery. 4,509,253, 4-9-85, Cl. 29-623.100.
- Eberle, Kurt, to Heuchert, Johann K. Apparatus for dispensing and compacting paper towels. 4,519,308, 5-28-85, Cl. 100-102.000.
- Eberle, Reinhard: *See—*
  - Heber, Helmut; Eberle, Reinhard; and Teetz, Volker, 4,508,644, Cl. 260-112.50R.
- Eberle, William J., to General Battery Corporation. Automatic battery stacker. 4,534,549, 8-13-85, Cl. 271-103.000.
- Eberlein, Wolfgang: *See—*
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- Eberline, William C. Anchor construction. 4,545,318, 10-8-85, Cl. 114-299.000.
- Eberling, Ernest W., Jr. Portable gravity assisted lumbar traction device. 4,524,763, 6-25-85, Cl. 128-75.000.
- Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., to Territorialnoe Geolgicheskoe Upravlenie Tsentralnykh Raionov. Method for the determination of kinetics of structure formation in a binder. 4,524,319, 6-18-85, Cl. 324-65.00R.
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- Eberly, David S. Security device for padlocks. 4,506,528, 3-26-85, Cl. 70-18.000.
- Eberly, Paul E., Jr., to Exxon Research & Engineering Co. Hydrodesulfurization process with conversion of heavy hydrocarbons utilizing a catalyst containing a group IIA metal component. 4,498,979, 2-12-85, Cl. 208-216.00R.
- Eberly, Paul E., Jr.; and Winter, William E., Jr., to Exxon Research & Engineering Co. Crystalline silica zeolite-containing catalyst. 4,513,090, 4-23-85, Cl. 502-66.000.
- Ebernard, Franck, to Kraftwerk Union Aktiengesellschaft. Solar-tower power station. 4,546,758, 10-15-85, Cl. 126-451.000.
- Ebersberger, Hans, to Siemens Aktiengesellschaft. Rotary anode X-ray tubes. 4,504,965, 3-12-85, Cl. 378-132.000.
- Ebersole, Richard C., to Du Pont de Nemours, E. I., and Company. Multilayered test device for detecting analytes in liquid test samples. 4,522,786, 6-11-85, Cl. 422-56.000.
- Eberson, Lennard: *See—*
  - Oberrauch, Ermanno; and Eberson, Lennard, 4,544,450, Cl. 204-59.00R.
- Eberspacher, Rolf: *See—*
  - Buchner, Norbert; Eberspacher, Rolf; and Liede, Dieter, 4,533,063, Cl. 220-270.000.
- Ebert, Edward A., to Tayco Developments, Inc. Surgical bone tie. 4,535,764, 8-20-85, Cl. 128-92.00B.
- Ebert, Karl, to Max Widenmann Armaturenfabrik. Hose coupling. 4,523,778, 6-18-85, Cl. 285-73.000.
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- Ebert, Klaus-Peter: *See—*
  - Schneider, Walter; Ebert, Klaus-Peter; and Otto, Konrad, 4,540,183, Cl. 277-1.000.
- Ebert, Lynn J.: *See—*
  - Woodard, Dudley H.; and Ebert, Lynn J., 4,541,875, Cl. 148-11.50C.
- Ebert, Michael: *See—*
  - Miller, William, 4,498,500, Cl. 137-883.000.
  - Reick, Franklin G., 4,525,286, Cl. 252-21.000.
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- Ebert, Russell L.; and Hayes, Stanley G., to Polaris Industries, Inc. Snowmobile suspension system. 4,544,170, 10-1-85, Cl. 280-21.00R.
- Ebert, Thomas P. Method for installing a whirlpool bath on an in-place bathtub. 4,553,299, 11-19-85, Cl. 29-157.00R.
- Ebert, William R.; Hom, Foo S.; and Kindt, Warren W., to R. P. Scherer Corporation. Masticatory soft elastic gelatin capsules and method for the manufacture thereof. 4,532,126, 7-30-85, Cl. 424-48.000.
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- Eberwine, Donald A.: *See—*
  - Danielson, Thomas R.; and Eberwine, Donald A., 4,512,408, Cl. 166-349.000.
  - Gregory, Edward W.; Danielson, Thomas R.; and Eberwine, Donald A., 4,512,409, Cl. 166-352.000.
- Ebey, Edward W.: *See—*
  - Richter, Karl E.; and Ebey, Edward W., 4,556,233, Cl. 280-513.000.
- Ebi, Hiroyuki; and Miyatake, Kimio, to Horiba, Ltd. Infrared radiation gas analyzer. 4,501,968, 2-26-85, Cl. 250-343.000.
- Ebi, Hiroyuki: *See—*
  - Miyatake, Kimio; Ishida, Kozo; Ebi, Hiroyuki; and Shimada, Takeshi, 4,499,378, Cl. 250-343.000.
- Ebi, Yutaka; Fujii, Tadashi; Sekiya, Takuro; Horike, Masanori; Furukawa, Tatsuya; and Tachiki, Masaaki, to Ricoh Company, Ltd. Ink jet printing apparatus. 4,504,844, 3-12-85, Cl. 346-140.00R.

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Komons, Michael; Wiseman, Donald F.; and Galanis, Andreas I., 4,494,406, Cl. 73-204.000.

Eburn, William H., Jr.; and Kalenik, Stephen P., to Polaroid Corporation. Zero displacement low-shear valve. 4,508,142, 4-2-85, Cl. 137-625.400.

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Ecanow, Bernard: *See—*

Ecanow, Charles S.; and Ecanow, Bernard, 4,539,204, Cl. 514-6.000.

Ecanow, Charles S.; and Ecanow, Bernard, 4,547,490, Cl. 514-21.000.

Ecanow, Charles S.; and Ecanow, Bernard, 4,558,032, Cl. 514-2.000.

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Heath, Donald L.; and Chou, Der-Jeou, 4,497,973, Cl. 136-212.000.

Ecer, Gunes M., to CDP, Ltd. Self sharpening drag bit for sub-surface formation drilling. 4,533,004, 8-6-85, Cl. 175-329.000.

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Echard, Richard A.: *See—*

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Echeverria, Luis. Self-locking-and-measuring ruler for computer-printout forms. 4,554,746, 11-26-85, Cl. 33-447.000.

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Echols, John B. Method and apparatus for production of perfect well treatment fluid solutions. 4,544,032, 10-1-85, Cl. 166-267.000.

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Echte, Adolf: *See—*

Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, 4,513,105, Cl. 521-56.000.

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Hambrecht, Juergen; Reffert, Rudi W.; Echte, Adolf; and Swoboda, Johann, 4,496,679, Cl. 524-111.000.

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Echtler, Theodor; Quinot, Martin; and Hunsinger, Werner, to IBEK Ingenieurbuero Echtler Kaiserslautern GmbH. Motor vehicle for transporting and laying a fixed bridge. 4,493,122, 1-15-85, Cl. 14-2.400.

Echtler, Theodor, to IBEK Ingenieurbuero Echtler Kaiserslautern GmbH. Pontoon for floating bridges and ferries. 4,493,284, 1-15-85, Cl. 114-267.000.

Eck, Gary A.: *See—*

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Eck, Herbert; Hannebaum, Manfred; and Kemenater, Christof, to Wacker-Chemie GmbH. Process for the preparation of polymer dispersions and their application. 4,528,315, 7-9-85, Cl. 524-458.000.

Eck, Herbert; and Jira, Reinhard, to Wacker-Chemie GmbH. Process for aqueous polymer dispersion by polymerizing unsaturated ethylenic compounds. 4,542,184, 9-17-85, Cl. 524-827.000.

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Eck, Leonard F., to Hein-Werner Corporation. Wheel lift device. 4,555,089, 11-26-85, Cl. 254-10.00B.

Eck, Leonard F., to Hein-Werner Corporation. Anchor stand 4,560,131, 12-24-85, Cl. 248-352.000.

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Brenner, Paul, 4,559,866, Cl. 92-39.000.

Eckardt, Rudolf: *See—*

Derner, Paul; Eckardt, Rudolf; and Neuendorf, Hans-Cristoph, 4,516,997, Cl. 65-106.000.

Spittka, Horst; Eckardt, Rudolf; and Neuendorf, Cristoph, 4,519,829, Cl. 65-114.000.

Eckart, Frederick: *See—*

DelMastro, Bartolomeo P.; and Eckart, Frederick, 4,549,058, Cl. 219-121.0LC.

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Eckberg, Richard P., to General Electric Company. Vinyl gum cure accelerators for condensation-cure silicone. 4,525,391, 6-25-85, Cl. 427-391.000.

Eckberg, Richard P., to General Electric Company. Ultraviolet radiation-curable silicone controlled release compositions. 4,547,431, 10-15-85, Cl. 428-413.000.

Eckberg, Richard P., to General Electric Company. Acrylated polymers. 4,558,082, 12-10-85, Cl. 524-104.000.

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Eckelman, William: *See—*

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Eckels, Phillip W., to Electric Power Research Institute, Inc. Superconducting rotor with vapor cooled cryogenic leads having a regenerator portion. 4,518,885, 5-21-85, Cl. 310-52.000.

Eckels, Phillip W., to Electric Power Research Institute, Inc. Vapor trap for supercooled rotor. 4,538,417, 9-3-85, Cl. 62-55.000.

Eckels, Phillip W.: *See—*

Ibrahim, El-Eraky A.; and Eckels, Phillip W., 4,492,088, Cl. 62-55.000.

Eckels, Robert E. Collapsible steering column. 4,531,619, 7-30-85, Cl. 188-371.000.

Eckelt, Peter; and Taylor, James A., Jr., to Du Pont de Nemours, E. I., and Company. Portable pneumatic wire cutter. 4,513,647, 4-30-85, Cl. 83-203.000.

Eckelt, Ulrich; and Winnemoller, Alois, to Windmoller & Holscher. Apparatus for pulling tube ends open to form base squares of cross-bottom sacks. 4,493,686, 1-15-85, Cl. 493-256.000.

Eckenhoff, James B.; Place, Virgil A.; and Peery, John R., to ALZA Corporation. Self-driven pump assembly and method of operation. 4,539,004, 9-3-85, Cl. 604-131.000.

Eckenhoff, James B.; Peery, John R.; and Landrau, Felix A., to ALZA Corporation. Body mounted pump housing and pump assembly employing the same. 4,552,561, 11-12-85, Cl. 604-896.000.

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Peery, John R.; and Eckenhoff, James B., 4,505,702, Cl. 604-209.000.

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Eckenrode, Paul D.; Eisenbrei, Richard P.; and Nixon, James E., to Microdot Inc. Bottom pour ingot mould system. 4,512,544, 4-23-85, Cl. 249-109.000.

Ecker, Harold; and Spencer, Harvey J., to Paper Converting Machine Company. Method of operating a printing press and apparatus. 4,520,728, 6-4-85, Cl. 101-248.000.

Ecker, Karl-Heinz: *See—*

Lewis, Edwin C.; Henschenmacher, Helmut; Ecker, Karl-Heinz; Giernalczyk, Hartmut; and Rutte, Siegfried, 4,516,477, Cl. 92-128.000.

Ecker, Mario E.; and Olson, Leonard T., to International Business Machines Corporation. Repairable multi-level overlay system for semiconductor device. 4,549,200, 10-22-85, Cl. 357-80.000.

Eckerson, Richard L. Fishing lure retriever. 4,524,536, 6-25-85, Cl. 43-17.200.

Eckert, Alfred; Heilmeir, Ernst; and Hempen, Klaus, to Siemens Aktiengesellschaft. Apparatus for rapid execution of interrupts after the recognition of an interrupt request. 4,499,537, 2-12-85, Cl. 364-200.000.

Eckert, Alton B., to Pitney Bowes Inc. Date checking device for electronic postage meter. 4,516,014, 5-7-85, Cl. 235-101.000.

Eckert, Alton B.; and McFiggans, Robert B., to Pitney Bowes Inc. Electronic postage meter controllable by mailing machine. 4,524,426, 6-18-85, Cl. 364-900.000.

Eckert, Alton B.; and Nambudiri, Easwaran C. N., to Pitney Bowes Inc. Non-volatile memory protection circuit with microprocessor interaction. 4,534,018, 8-6-85, Cl. 365-228.000.

Eckert, Alton B.; Soderberg, John H.; and Duwel, Edward C., to Pitney Bowes Inc. Postage meter with keyboard keys for changing postage unused amount. 4,535,407, 8-13-85, Cl. 364-464.000.

Eckert, Alton B., to Pitney Bowes Inc. Electronic postage meter reset circuit. 4,547,853, 10-15-85, Cl. 364-464.000.

Eckert, Alton B.; and Duwel, Edward C., to Pitney Bowes Inc. Electronic postage meter having keyboard entered combination for recharging. 4,549,281, 10-22-85, Cl. 364-900.000.

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Beck, Christian A.; and Eckert, Alton B., 4,516,494, Cl. 101-93.260.

Buan, Danilo P.; and Eckert, Alton B., 4,500,780, Cl. 250-231.0SE.

Clark, John I.; and Eckert, Alton B., 4,492,160, Cl. 101-71.000.

Soderberg, John H.; Eckert, Alton B.; and McFiggans, Robert B., 4,498,187, Cl. 375-117.000.

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Eckert, Heiner. Process for the reduction of reducible groups and its use. 4,537,713, 8-27-85, Cl. 260-112.50R.

Eckert, Hermann F.: *See—*

Mason, Joe; and Eckert, Hermann F., 4,521,366, Cl. 264-312.000.

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Bauer, Gunter; and Eckert, Joachim, 4,512,958, Cl. 423-55.000.

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Duvdevani, Ilan; Peiffer, Dennis G.; Eckert, John A.; and Lundberg, Robert D., 4,516,982, Cl. 44-62.000.

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Eckert, John F., to American Hospital Supply Corporation. Probe for automated liquid dispenser. 4,528,161, 7-9-85, Cl. 422-100.000.

Eckert, Konrad; Ripper, Wolfgang; and Wessel, Wolf, to Robert Bosch GmbH. Control device for regulating the exhaust gas recycling rate in an internal combustion engine with self-ignition. 4,531,499, 7-30-85, Cl. 123-571.000.

Eckert, Konrad: *See—*

Eheim, Franz; Hofer, Gerald; Eckert, Konrad; and Links, Heinz, 4,541,385, Cl. 123-446.000.

Eckert, Rolf, to Klockner-Humboldt-Deutz AG. Reciprocating piston internal combustion engine. 4,513,703, 4-30-85, Cl. 123-193.0CH.

Eckert, Rudolf J. A., to Shell Oil Company. Process for the preparation of oil-soluble hydrogenated modified star-shaped polymers. 4,557,849, 12-10-85, Cl. 252-51.50R.

Eckert, Theodor, to Ciba-Geigy Corporation. Pharmaceutical preparations for topical application which contain salts of alkanecarboxylic acids. 4,551,475, 11-5-85, Cl. 514-408.000.

Eckhard, Pritsch: *See—*

Kasper, Horst; and Eckhard, Pritsch, 4,556,810, Cl. 310-256.000.

Eckhardt, Claude; and Holzle, Gerd, to Ciba-Geigy Corporation. Zinc and aluminum phthalocyanines. 4,540,518, 9-10-85, Cl. 260-242.200.

Eckhardt, Erich, to Linde Aktiengesellschaft. Controls for continuously adjustable drive. 4,543,787, 10-1-85, Cl. 60-444.000.

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Eckhardt, Heinz; Halbritter, Klaus; and Rohr, Wolfgang, to BASF Aktiengesellschaft. Malondialdehyde tetraalkylacetals and their preparation. 4,518,785, 5-21-85, Cl. 549-453.000.

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Eckhardt, Helmut: *See—*

Delannoy, Philippe G.; Miller, Granville G.; Eckhardt, Helmut; and Baughman, Ray H., 4,502,981, Cl. 252-512.000.

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Eckhardt, Wolfgang: *See—*

Kunz, Walter, and Eckhardt, Wolfgang, 4,517,194, Cl. 514-184.000.

Meyer, Willy; Topfl, Werner; Kristinsson, Haukur; and Eckhardt, Wolfgang, 4,562,210, Cl. 514-604.000.

Eckhart, Clifford F.: *See—*
- Lindstrom, Gerald D.; Eckhart, Clifford F.; Farthing, George A., Jr.; Muckley, James J.; and Taylor, Brian E., 4,519,322, Cl. 110-264.000.

Eckman, Richard E., to Dresser Industries, Inc. Dwell and depth attachment for power drills. 4,495,681, 1-29-85, Cl. 29-26.00A.

Eckmann, Stuart F. Interactive educational system with voice reaction and access using tone-generating telephone. 4,539,435, 9-3-85, Cl. 179-2.00A.

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Eckstein, Eugene C.; Block, Norman L.; Kline, Jacob; and Pinchuk, Leonard, to University of Miami. Hydrogel surface of urological prosthesis. 4,527,293, 7-9-85, Cl. 623-12.000.

Eckstein, John P., to American Can Company. Multiple layer flexible sheet structure. 4,551,371, 11-5-85, Cl. 428-36.000.

Eckstein, Rolf; and Dechert, Ralf, to Werkzeugmaschinenfabrik Adolf Waldrich Coburg GmbH & Co. Tool holder for boring, milling and the like machine tools. 4,560,310, 12-24-85, Cl. 409-233.000.

Eckstein, Udo, to Bayer Aktiengesellschaft. Water-insoluble azolylstyryl optical brighteners. 4,510,311, 4-9-85, Cl. 548-132.000.

Eckstein, Wolfgang; Leichnitz, Kurt; Pannwitz, Karl-Heinz; Rabenecker, Horst; and Wolff, Gunter, to Dragerwerk Aktiengesellschaft. Gas dosimeter construction. 4,528,160, 7-9-85, Cl. 422-86.000.

Eckstein, Wolfgang, to Dragerwerk Aktiengesellschaft. Electrostatic filter construction. 4,555,252, 11-26-85, Cl. 55-132.000.

Ecoboard Limited: *See—*
- Berner, Kurt, 4,547,254, Cl. 156-555.000.

Ecodyne Corporation: *See—*
- Frigiola, Frank J., 4,558,714, Cl. 137-2.000.

Ecolaire Incorporated: *See—*
- Dreyer, Paul L.; and McLennan, William R., 4,561,472, Cl. 138-94.300.

Ecole, Auguste L., to Equipements Automobiles Marchal. End of travel stop device for an electric motor drive mechanism. 4,514,669, 4-30-85, Cl. 318-443.000.

Ecole Superieure d'Electricite and Enertec: *See—*
- Sorba, Antoine; Attal, Gerard J.; Seignier, Georges B.; and Hamad, Ahmed M., 4,527,116, Cl. 324-77.00B.

Ecolochem, Inc.: *See—*
- Dickerson, Richard C.; and Miller, William S., 4,540,493, Cl. 210-669.000.
- Dickerson, Richard C.; and Miller, William S., 4,556,492, Cl. 210-668.000.

Ecomard, Andre, to Institut Francais du Petrole. Device for regulating the pressure of a fluid supplied to a feeding circuit from a fluid source. 4,552,169, 11-12-85, Cl. 137-115.000.

Econolite Control Products, Inc.: *See—*
- Tedesco, Jack, 4,510,549, Cl. 361-86.000.

Economatics (Education) Limited: *See—*
- Townsend, Max F., 4,548,584, Cl. 434-118.000.

Economics Laboratory, Inc.: *See—*
- Ciuba, Stanley J.; and Bartelme, Michael J., III, 4,495,225, Cl. 427-236.000.
- Freis, Richard E.; Maloney, James E.; and Oakes, Thomas R., 4,518,459, Cl. 162-5.000.
- Heile, Bernard J., 4,512,908, Cl. 252-160.000.
- Mahoney, Dennis F.; and Block, William V., 4,537,705, Cl. 252-529.000.
- Mizuno, William G., 4,491,988, Cl. 4-228.000.
- Olson, John T., 4,511,311, Cl. 417-5.000.
- Salmonson, Duane L., 4,509,402, Cl. 91-275.000.

Economopoulos, Peter C.: *See—*
- Ong, Richard H.; and Economopoulos, Peter C., 4,553,053, Cl. 307-530.000.
- Still, David W.; and Economopoulos, Peter C., 4,499,579, Cl. 371-15.000.
- Still, David W.; and Economopoulos, Peter C., 4,525,714, Cl. 340-825.830.

Economou, Dimitri: *See—*
- Cooper, Christopher C.; and Economou, Dimitri, 4,529,140, Cl. 242-55.000.

Economou, John E.: *See—*
- Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.

Economy Color Card Co., Inc.: *See—*
- Ackerman, Don, 4,498,828, Cl. 412-4.000.

Economy Engineering, Inc.: *See—*
- Wehmeyer, Donald T.; and Barnhart, Ronald W., 4,518,061, Cl. 187-18.000.

Economy Forms Corporation: *See—*
- Phillips, Jim D., 4,530,648, Cl. 425-65.000.

Economy, James; and Zachariades, Anagnostis E., to International Business Machines Corporation. Process for finishing surfaces achieving improved magnetic disk performance. 4,499,122, 2-12-85, Cl. 427-130.000.

Economy, James; and Flandera, Mary A., to International Business Machines Corporation. Planarization method. 4,515,828, 5-7-85, Cl. 427-82.000.

Economy, James; and Zachariades, Anagnostis E., to International Business Machines Corporation. Surface finishing process. 4,520,647, 6-4-85, Cl. 72-365.000.

Ecopool Design Limited: *See—*
- Bastenhof, Dirk, 4,515,500, Cl. 405-79.000.
- Bastenhof, Dirk, 4,522,535, Cl. 405-79.000.
- Bastenhof, Dirk, 4,558,474, Cl. 4-491.000.

Ecton, William W., to NCR Corporation. System and method for stabilizing asynchronous state machines. 4,562,427, 12-31-85, Cl. 340-825.500.

Ed. Scharwachter GmbH & Co. KG: *See—*
- Brockhaus, Ernst, 4,528,718, Cl. 16-266.000.
- Brockhaus, Ernst, 4,536,918, Cl. 16-308.000.
- Brockhaus, Ernst, 4,542,558, Cl. 16-263.000.

Ed. Zublin Aktiengesellschaft: *See—*
- Fastenau, Werner, 4,538,521, Cl. 104-118.000.
- Glaser, Eberhard; and Beitinger, Eberhard, 4,501,446, Cl. 299-9.000.
- Nussbaumer, Manfred; Beitinger, Eberhard; and Mohlenbrink, Wolfgang, 4,513,504, Cl. 33-1.00H.

Eda, Kazuo; Kikuchi, Yasuharu; Makino, Osamu; and Matsuoka, Michio, to Matsushita Electric Industrial Co., Ltd. Voltage-dependent resistor and method of making the same. 4,551,268, 11-5-85, Cl. 252-519.000.

Eda, Kensaku: *See—*
- Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.

Eda, Tadaji. Permanent hair-waving. 4,504,466, 3-12-85, Cl. 424-72.000.

Edahiro, Takao; Inagaki, Nobuo; and Kurosaki, Shiro, to Nippon Telegraph & Telephone Public Corporation; and Sumitomo Electric Industries, Ltd. Process for producing optical glass product. 4,528,010, 7-9-85, Cl. 65-18.100.

Edahiro, Takao: *See—*
- Okamoto, Kazunari; Edahiro, Takao; Kawana, Akio; and Miya, Tetsuo, 4,525,027, Cl. 350-96.300.

Edakubo, Hiroo; and Maeda, Masaya, to Canon Kabushiki Kaisha. Video system. 4,499,504, 2-12-85, Cl. 358-335.000.

Edakubo, Hiroo, to Canon Kabushiki Kaisha. Cassette tape tensioning device. 4,532,563, 7-30-85, Cl. 360-96.500.

Edakubo, Hiroo; Takayama, Nobutoshi; and Takimoto, Hiroyuki, to Canon Kabushiki Kaisha. Video signal reproducing apparatus. 4,558,382, 12-10-85, Cl. 360-77.000.

Edamura, Fred Y.: *See—*
- Campbell, Kent D.; Gulbenkian, Aylin H.; Edamura, Fred Y.; and Kyriacou, Demetrios, 4,496,440, Cl. 204-78.000.

Edamura, Kohji; Torii, Akio; Hattori, Katsuhide; and Sakai, Hiroshi, to Nippon Oil and Fats Co., Ltd. Water-in-oil emulsion explosive composition. 4,543,136, 9-24-85, Cl. 149-21.000.

Edamura, Koji; Torii, Akio; Sato, Kazuyuki; and Sakai, Hiroshi, to Nippon Oil and Fats Co., Ltd. Water-in-oil emulsion explosive composition. 4,543,137, 9-24-85, Cl. 149-21.000.

Edayoshi, Tomoko: *See—*
- Narimatsu, Hiroki; Sakamoto, Kenshi; Edayoshi, Tomoko; and Kubota, Hayato, 4,560,560, Cl. 426-38.000.

Edberg, Peter K.: *See—*
- Crane, Hewitt D.; Ostrem, John S.; and Edberg, Peter K., 4,531,231, Cl. 382-13.000.

Eddens, Fletcher C., to General Electric Company. Bow control for metallic structures. 4,548,657, 10-22-85, Cl. 148-133.000.

Eddinger, Kevin: *See—*
- Mosser, Mark F.; and Eddinger, Kevin, 4,544,408, Cl. 106-14.120.

Eddleston, Ian: *See—*
- Laflin, Philip; Eddleston, Ian; and Hepworth, Mathew A., 4,548,678, Cl. 162-146.000.

Eddleston, Michael J.; and Hume, Christopher, to Burroughs Corporation. Equipment enclosure. 4,560,079, 12-24-85, Cl. 220-4.00R.

Edds, Kenneth E.: *See—*
- Bartlett, John C.; Bohnhoff, Alan E.; Croley, Donald F.; Dyer, Stanley; Edds, Kenneth E.; Horlander, Frank J.; and Stafford, Donald W., 4,545,693, Cl. 400-120.000.

Eddy, Arthur R., Jr.: *See—*
- Vaughan, Raymond C.; DiSabito, David M.; Mruk, Norbert J.; and Eddy, Arthur R., Jr., 4,559,950, Cl. 128-641.000.

Eddy, Bryon C.: *See—*
- Prescott, Leo L., Jr.; and Eddy, Bryon C., 4,556,041, Cl. 124-35.00A.

Eddy, Victoria J.; and Hallgren, John E., to General Electric Company. Method for making siloxanenorbornane bisanhydride. 4,542,226, 9-17-85, Cl. 549-214.000.

Ede, Douglas F. C.; Wilkinson, Brian S.; and Mynott, Colin B., to Newjig Limited. Workbenches. 4,527,605, 7-9-85, Cl. 144-286.00R.

Edebo, Lars B.; Swede, Harald G.; and Tornqvist, Nils-Erik, to Assab Medicin AB. Apparatus for cleaning and disinfecting used plastic Petri dishes. 4,503,873, 3-12-85, Cl. 134-104.000.

Edel, Eugen: *See—*
- Baumeister, Manfred; and Edel, Eugen, 4,496,426, Cl. 162-19.000.

Edel, Maurice. Multi-hull sailboat. 4,498,409, 2-12-85, Cl. 114-61.000.

Edele, Reinhard: *See—*
- Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, 4,559,663, Cl. 15-250.350.

Edelman, Robert D. Latching system. 4,533,165, 8-6-85, Cl. 292-68.000.

Edelman, Seymour; and Ballard, Lowell D., to United States of America, Army. Piezoelectric polymer heat exchanger. 4,501,319, 2-26-85, Cl. 165-84.000.

Edelman, Seymour; and DeReggi, Aime S. Opto-acoustic transducer for a telephone receiver. 4,503,564, 3-5-85, Cl. 455-614.000.

Edelmann, Gilbert, to Cebal. Presetting process for printing cylindrical or conical articles. 4,520,730, 6-4-85, Cl. 101-426.000.

Edelmann, Karl R. Thermostat housing assembly. 4,509,465, 4-9-85, Cl. 123-41.020.

- Edelmann, Ludwig: *See—*
  - Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
  - Brandenstein, Manfred; Haas, Roland; Edelmann, Ludwig; and Hans, Rudiger, 4,516,962, Cl. 474-112.000.
  - Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.
- Edelson, Edward H.: *See—*
  - Singhal, Gopal H.; Colle, Karla S.; Edelson, Edward H.; Wilson, Bobby L.; and Dao, Loan H., 4,561,964, Cl. 208-10.000.
- Edelstein, William A.; Hutchison, James M. S.; Johnson, Glyn; Redpath, Thomas W. T.; and Mallard, John R., to National Research Development Corporation. Methods of producing image information from objects. 4,506,222, 3-19-85, Cl. 324-309.000.
- Edelstein, William A., to General Electric Company. Nuclear magnetic resonance imaging using pulse sequences combining selective excitation and driven free precession. 4,532,474, 7-30-85, Cl. 324-309.000.
- Edelstein, William A.: *See—*
  - Bottomley, Paul A.; and Edelstein, William A., 4,506,223, Cl. 324-309.000.
  - Bottomley, Paul A.; and Edelstein, William A., 4,521,733, Cl. 324-309.000.
- Eden, Brent E., to Mud Hog Corporation. Auxiliary hydraulic drive system for road graders and the like. 4,554,991, 11-26-85, Cl. 180-243.000.
- Eden, Brian W. Sprinkler head trimmer and cleaner. 4,547,966, 10-22-85, Cl. 30-300.000.
- Eden, Dayton D., to LTV Aerospace and Defense Company. Scanning laser radar. 4,515,471, 5-7-85, Cl. 356-5.000.
- Eden, Dayton D.; and Case, William E., to LTV Aerospace and Defense Company. Scanning laser for a scanning laser radar. 4,528,525, 7-9-85, Cl. 332-7.510.
- Eden, George T.: *See—*
  - Dougherty, Emery W.; Heyde, John B.; Bennett, Richard J.; Smith, Roy L.; Tateosian, Louis H.; and Eden, George T., 4,514,174, Cl. 433-226.000.
  - Gonser, Donald I.; Eden, George T.; and Tateosian, Louis H., 4,546,261, Cl. 250-492.100.
- Eden, J. Gary: *See—*
  - Manuccia, Thomas J.; and Eden, J. Gary, 4,509,522, Cl. 128-634.000.
- Eden, Per-Olof: *See—*
  - Jonsson, Mats; and Eden, Per-Olof, 4,534,231, Cl. 73-864.430.
- Edenborg, Robert B.: *See—*
  - Anderson, Jeffrey L.; Ruhoff, Philip J.; and Edenborg, Robert B., 4,511,692, Cl. 525-7.000.
- Edenfeld, Arthur R.: *See—*
  - Bracco, Al M.; Edenfeld, Arthur R.; and Kotecha, Harish N., 4,536,944, Cl. 29-571.000.
- Eder, Bernd. Method of disinfecting water, in particular swimming pool water. 4,492,618, 1-8-85, Cl. 204-152.000.
- Eder, Erich: *See—*
  - Anetzberger, Max; and Eder, Erich, 4,556,021, Cl. 123-185.00S.
  - Winter, Horst; and Eder, Erich, 4,519,186, Cl. 53-585.000.
- Eder, Hans: *See—*
  - Jopt, Uwe; and Eder, Hans, 4,495,708, Cl. 33-438.000.
- Eder, Helmut, to Multisafe AG. Guard grid for a passageway. 4,514,951, 5-7-85, Cl. 52-660.000.
- Eder, Herbert, to Knorr-Bremse GmbH. Service brake accelerator for indirect compressed-air brakes on railway vehicles. 4,536,040, 8-20-85, Cl. 303-37.000.
- Eder, Theodor; and Koser, Jaroslav, to Eder, Theodor; and Austria Metall Aktiengesellschaft. Planking assembly and method of making same. 4,552,085, 11-12-85, Cl. 114-84.000.
- Ederer Incorporated: *See—*
  - Clark, Charles W., 4,493,479, Cl. 254-274.000.
  - West, Harold H.; Johnson, Roger A.; and Clark, Charles W., Jr., 4,518,153, Cl. 254-274.000.
- Ederer, Ulf G.: *See—*
  - Ehrentraut, Otto; and Ederer, Ulf G., 4,538,929, Cl. 384-120.000.
  - Ehrentraut, Otto; and Ederer, Ulf G., 4,561,787, Cl. 384-295.000.
- Edgar, Albert D.; and Lubart, Neil D., to International Business Machines Corporation. Diagonal grid image communication and display. 4,520,391, 5-28-85, Cl. 358-133.000.
- Edgar, Edward J.: *See—*
  - Edgar, James W.; and Edgar, Edward J., 4,554,850, Cl. 83-178.000.
- Edgar, James W.; and Edgar, Edward J. Machine for cutting V-belts from a V-belt band. 4,554,850, 11-26-85, Cl. 83-178.000.
- Edge, David J.; Naik, Appaya R.; and Scott, Melvin, to Lever Brothers Company. Liquid detergent composition comprising selected alkylbenzene sulphonates and alkyl ether sulphates. 4,537,709, 8-27-85, Cl. 252-558.000.
- Edgerley, Peter G.; and Oldland, Sidney R. D., to Imperial Chemical Industries PLC. Resilient polyurethane foam with improved resistance to ignition. 4,493,871, 1-15-85, Cl. 428-308.400.
- Edgerton, Robert F., to Energy Conversion Devices, Inc. Optical methods for controlling layer thickness. 4,525,376, 6-25-85, Cl. 427-10.000.
- Edgeworth, Thomas G.: *See—*
  - Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., 4,505,796, Cl. 204-243.00R.
- Edging, Thomas E., to Stauffer Chemical Company. Leavening acid composition. 4,500,557, 2-19-85, Cl. 426-563.000.
- Edgington, Gregory C.: *See—*
  - Circello, Joseph C.; Howell, Thomas H.; and Edgington, Gregory C., 4,506,340, Cl. 364-746.000.
- Edgley Aircraft Limited: *See—*
  - Edgley, John K., 4,544,115, Cl. 244-54.000.
- Edgley, John K., to Edgley Aircraft Limited. Ducted propeller aircraft. 4,544,115, 10-1-85, Cl. 244-54.000.
- Edgren, Anders; Soderberg, Jan; and Bergstrom, Bengt, to KemaNord AB. Process for expanding microspheres. 4,513,106, 4-23-85, Cl. 521-58.000.
- Edgren, David; Wong, Patrick S. L.; and Theeuwes, Felix, to ALZA Corporation. Device for delivering drug to certain pH environments. 4,503,030, 3-5-85, Cl. 424-15.000.
- Edgren, David, to ALZA Corporation. Osmotic device with wall comprising cellulose ether and permeability enhancer. 4,519,801, 5-28-85, Cl. 604-892.000.
- Edgren, David, to ALZA Corporation. Drug dispenser comprising wall formed of semipermeable member and enteric member. 4,522,625, 6-11-85, Cl. 604-892.000.
- Edgren, David, to ALZA Corporation. Process for preparing osmotic device. 4,553,973, 11-19-85, Cl. 604-892.000.
- Edilvelox s.r.l.: *See—*
  - Rossin, Ineo; and Zanella, Francesco, 4,508,308, Cl. 249-19.000.
- Edinborough, Charles R.: *See—*
  - Bierman, Laurence W.; Edinborough, Charles R.; and Johnson, David K., 4,554,004, Cl. 71-29.000.
- Edinen Centar Po Chimia: *See—*
  - Boyadjiev, Lyubomir A., 4,551,252, Cl. 210-638.000.
- Edinger, J. Raymond: *See—*
  - Alexandrovich, George; Edinger, J. Raymond; Hofer, Alan; and Kuykendall, John, 4,509,159, Cl. 369-170.000.
- Edison International Inc.: *See—*
  - Choung, Moon, 4,491,358, Cl. 294-101.000.
  - Livorsi, Carl F.; Wucik, Joseph A., Jr.; Dorrian, Philip J.; and Struzik, Lawrence F., 4,508,315, Cl. 251-173.000.
  - Powell, Robert A., 4,492,895, Cl. 315-82.000.
  - Siberg, Hemming G., 4,517,542, Cl. 337-92.000.
- Edison Price, Incorporated: *See—*
  - Price, Edison A., 4,559,728, Cl. 40-124.200.
- Edixhoven, Gerardus H., to Hunter Douglas International N.V. Unit for positioning a venetian blind ladder and for guiding the slats of the blind thereonto. 4,514,886, 5-7-85, Cl. 29-24.500.
- Edixhoven, Gerardus H., to Hunter Douglas International N.V. Venetian blind assembly apparatus. 4,538,330, 9-3-85, Cl. 29-24.500.
- Edler, Friedrich, to Chemie und Filter GmbH, Verfahrenstechnik KG. Electromagnetically operated diaphragm pump. 4,537,565, 8-27-85, Cl. 417-413.000.
- Edler, Friedrich, to Chemie Und Filter GmbH, Verfahrenstechnik KG. Fluid flow machine with an electromagnetically operated diaphragm pump. 4,547,680, 10-15-85, Cl. 307-141.000.
- Edlin, George R.; Shumpert, Thomas H.; and Strickland, Brian R., to United States of America, Army. Large broadband free radiating electromagnetic test cell. 4,546,358, 10-8-85, Cl. 343-703.000.
- Edling, Robert J.; and Morgan, Karl L., to Research Corporation. Method and means for harvesting crayfish. 4,554,759, 11-26-85, Cl. 43-100.000.
- Edlund, Carl E.: *See—*
  - Sparks, Cecil R.; Edlund, Carl E.; and Brown, Morton E., 4,559,610, Cl. 364-803.000.
- Edlund, Olof A.; Enser, Mats A.; Strage, Jan W.; Thunberg, Svante B.; and Wallmark, Erik I., to International Business Machines Corporation. Document handling terminal computer. 4,513,393, 4-23-85, Cl. 364-900.000.
- Edme, Jacques; and Deffontaine, Etienne, to Centre Technique Industriel Dit: Institut Textile de France; and Agence Nationale de Valorisation de la Recherche. System for detecting the presence of a yarn on a continuous spinning frame. 4,525,705, 6-25-85, Cl. 340-677.000.
- Edmiston, James H.: *See—*
  - Lambert, Johnny H.; Primat, Didier; Edmiston, William H.; Edmiston, Johnny J.; and Edmiston, James H., 4,507,998, Cl. 83-419.000.
- Edmiston, Johnny J.: *See—*
  - Lambert, Johnny H.; Primat, Didier; Edmiston, William H.; Edmiston, Johnny J.; and Edmiston, James H., 4,507,998, Cl. 83-419.000.
- Edmiston, William H.: *See—*
  - Lambert, Johnny H.; Primat, Didier; Edmiston, William H.; Edmiston, Johnny J.; and Edmiston, James H., 4,507,998, Cl. 83-419.000.
- Edmond Pharma s.r.l.: *See—*
  - Vandoni, Guido, 4,542,141, Cl. 514-341.000.
- Edmonds, David A., to United States of America, Navy. Impact switch for guided projectiles. 4,513,664, 4-30-85, Cl. 102-216.000.
- Edmonds, David A.; and Rollins, Winfred B. Method of charging and hermetically sealing a high pressure gas vessel. 4,538,395, 9-3-85, Cl. 53-403.000.
- Edmonds, Harold D.: *See—*
  - Cadwallader, Robert H.; Edmonds, Harold D.; and Kulkarni, Murlidhar V., 4,506,158, Cl. 250-338.000.
- Edmondson, Alan S., to Hulbritt Developments Limited. Apparatus for seal-testing sachets, packets and the like. 4,510,730, 4-16-85, Cl. 53-53.000.

- Edmondson, Morris S.: *See—*
  - Coleman, William M., III; and Edmondson, Morris S., 4,525,556, Cl. 526-125.000.
  - Coleman, William M., III; and Edmondson, Morris S., 4,528,339, Cl. 526-127.000.
  - Coleman, William M., III; and Edmondson, Morris S., 4,554,333, Cl. 526-127.000.
  - Coleman, William M., III; and Edmondson, Morris S., 4,555,497, Cl. 502-115.000.
  - Glass, Sarah M.; and Edmondson, Morris S., 4,547,475, Cl. 502-115.000.
- Edmondson, Richard: *See—*
  - Wisebaker, Robert E.; and Edmondson, Richard, 4,549,425, Cl. 72-422.000.
- Edmunds, Neil R., to Gulf Canada Limited. In-situ recovery of viscous hydrocarbonaceous crude oil. 4,501,326, 2-26-85, Cl. 166-272.000.
- Edmunds, Robert H.; and Vanek, Jay D., to Vapor Corporation. Pressure relief valve with adjustment for set pressure. 4,515,179, 5-7-85, Cl. 137-543.130.
- Edna McConnell Clark Foundation: *See—*
  - Werbel, Leslie M.; Colbry, Norman; Turner, William; and Worth, Donald F., 4,515,793, Cl. 514-252.000.
- Edo, Teruo, to Kabushiki Kaisha Komatsu Seisakusho. Fuel injector. 4,513,719, 4-30-85, Cl. 123-447.000.
- Edo, Tomomi: *See—*
  - Nakatani, Kaname; Miyakawa, Nobuhiro; Higashiguchi, Teruaki; and Edo, Tomomi, 4,524,118, Cl. 430-56.000.
- Edo Western Corporation: *See—*
  - Lapetina, Robert A.; and Jones, Howard P., 4,540,981, Cl. 340-618.000.
- Edson, James B.; and Monroe, Patrick G., to American District Telegraph Company. Security system with multiple levels of access. 4,532,507, 7-30-85, Cl. 340-825.310.
- Edson, Sydney: *See—*
  - Howard, Fred; Edson, Sydney; Merl, Milton J.; and Di Marchi, Silvio J., 4,531,311, Cl. 40-10.00R.
- Eduard Kusters Maschinenfabrik: *See—*
  - Eichmanns, Herbert; Meyer, Wilhelm; and Kemper, Winfried, 4,505,713, Cl. 8-483.000.
- Educational Testing Service: *See—*
  - Manning, Winton H., 4,547,161, Cl. 434-358.000.
- Edvardsen, Einar. Method of converting a cable in the ground into a closed guiding track for insertion of new conductors. 4,553,877, 11-19-85, Cl. 405-154.000.
- Edvardsen, Erik, to NAD Holding Limited. Amplifier power supply with large dynamic headroom. 4,521,742, 6-4-85, Cl. 330-289.000.
- Edwards Alto Vuoto S.p.A.: *See—*
  - Rossi, Gianrico, 4,506,455, Cl. 34-5.000.
  - Rossi, Gianrico, 4,516,333, Cl. 34-92.000.
- Edwards, Bernard J.: *See—*
  - Gee, David P.; and Edwards, Bernard J., 4,529,277, Cl. 350-613.000.
- Edwards, Bruce K., to Location Sample Service, Inc. Drill rate and gas monitoring system. 4,512,186, 4-23-85, Cl. 73-151.500.
- Edwards, Bryant; Klygis, M. Julius; and Olsen, Robert C., to Illinois Tool Works Inc. Multi-package and packaging device. 4,520,924, 6-4-85, Cl. 206-150.000.
- Edwards, Charles L.; and Wilson, Stanley E., to Shell Oil Company. Epoxide isomerization process. 4,496,776, 1-29-85, Cl. 568-827.000.
- Edwards, Charles L.: *See—*
  - Henery, James D.; McHaney, Stephen C.; and Edwards, Charles L., 4,543,437, Cl. 585-857.000.
  - Henery, James D.; Edwards, Charles L.; and McHaney, Stephen C., 4,543,438, Cl. 585-857.000.
- Edwards, Clifton V., II, to Lundell Laboratories, Inc. Heart pump. 4,493,314, 1-15-85, Cl. 128-1.00D.
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- Edwards, Don L., to Conoco Inc. Air cooled rotary kiln feed end dam. 4,543,061, 9-24-85, Cl. 432-115.000.
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- Edwards, Edward W. Alternating variable delay control arrangement and method for push-pull audio transducers. 4,528,691, 7-9-85, Cl. 381-97.000.
- Edwards, Eldon R.: *See—*
  - Parquet, Donald J.; Brown, Thomas R.; and Edwards, Eldon R., 4,515,520, Cl. 414-718.000.
- Edwards Engineering Corporation: *See—*
  - Edwards, Ray C., 4,502,920, Cl. 202-120.000.
  - Edwards, Ray C., 4,534,849, Cl. 208-11.00R.
- Edwards, Evan A. Photographic still camera. 4,497,556, 2-5-85, Cl. 354-212.000.
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  - Cliff, John O.; and Edwards, James, 4,513,547, Cl. 52-194.000.
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- Edwards, John V.: *See—*
  - Steer, Peter L.; and Edwards, John V., 4,496,354, Cl. 604-322.000.
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- Edwards, K. David G. Renoprotective treatments employing vasodilator compounds. 4,532,135, 7-30-85, Cl. 514-222.000.
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- Edwards, Philip L. Chewable toy for animal. 4,513,014, 4-23-85, Cl. 426-132.000.
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- Edwards, Ralph W., to General Motors Corporation. Moisture seal in power operated vehicle antenna. 4,527,168, 7-2-85, Cl. 343-901.000.
- Edwards, Ralston G., Jr.; Walkden, John R. B.; Carstensen, Walter H.; Murphy, Gregory E.; and Lisi, John E., to Owens-Illinois, Inc. Driven roller tube conveyor. 4,507,137, 3-26-85, Cl. 65-109.000.
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  - Clarke, Terence A.; Edwards, Richard B.; and Irving, Graeme N., 4,517,107, Cl. 252-108.000.
- Edwards, Richard C.: *See—*
  - Spinks, Raleigh J., Jr.; Edwards, Richard C.; and Dahm, Joseph J., 4,496,953, Cl. 343-792.000.
- Edwards, Richard R.: *See—*
  - Anglin, Jeanne M.; Edwards, Richard R.; and Thomas, John E., 4,542,056, Cl. 428-116.000.
- Edwards, Robert B., II: *See—*
  - MacLean, David, and Edwards, Robert B., II, 4,496,347, Cl. 604-164.000.
  - Quinn, David G.; Edwards, Robert B., II; and Andersen, Erik, 4,529,102, Cl. 222-94.000.
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- Edwards, Robert C.; and Golson, F. Austin, to Amoco Corporation. Process for the recovery of cobalt and manganese from oxidation residue incinerator ash, pyrolysis sand and pyrolysis char. 4,546,202, 10-8-85, Cl. 562-414.000.
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  - Udovich, Carl A.; and Edwards, Robert C., 4,510,259, Cl. 502-209.000.
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- Edwards, Roger A.: *See—*
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- Edwards, Ronald T. Dynamic seals for gas and oil well swabs. 4,528,896, 7-16-85, Cl. 92-242.000.
- Edwards, Roy E.: *See—*
  - Price, Anthony G.; and Edwards, Roy E., 4,549,636, Cl. 188-71.400.
- Edwards, Samuel S. Wind energy converter utilizing vortex augmentation. 4,516,907, 5-14-85, Cl. 415-2.00A.
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  - DeMoss, Larry A., 4,527,811, Cl. 280-281.0LP.
- Edwards, Thomas C.; and Shank, Wayne C., to Rovac Corporation. Vapor refrigeration cycle system with constrained rotary vane compressor and low vapor pressure refrigerant. 4,494,386, 1-22-85, Cl. 62-402.000.
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  - Burgoyne, William F., Jr.; Chen, Michael S.; Dixon, Dale D.; and Edwards, Thomas J., 4,556,546, Cl. 423-226.000.
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- Edwards, Wallace. Color reproduction process. 4,554,241, 11-19-85, Cl. 430-301.000.
- Edwards, William B., III; and Houminer, Yoram, to Philip Morris Incorporated. 1,4-diacylpiperazine flavored smoking compositions. 4,561,451, 12-31-85, Cl. 131-278.000.
- Edwardson, Svante R., to AB Dentatus. Articulator for use in making dentures or parts thereof. 4,505,674, 3-19-85, Cl. 433-59.000.
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  - Gabrielian, Henry, 4,547,016, Cl. 297-194.000.
  - Robinson, Ronnie D., 4,509,097, Cl. 361-395.000.
- EER Products Inc.: *See—*
  - Martin, Gerald L., 4,550,773, Cl. 165-54.000.
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- EerNisse, Errol P., to Ohaus Scale Corporation. Piezoelectric crystal resonator with reduced impedance and sensitivity to change in humidity. 4,531,073, 7-23-85, Cl. 310-370.000.
- EerNisse, Errol P.; and Ward, Roger W., to Quartztronics, Inc. Resonator transducer system with temperature compensation. 4,535,638, 8-20-85, Cl. 73-862.590.
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- Eertink, Bastiaan B. Method for cleaning waste water. 4,505,820, 3-19-85, Cl. 210-604.000.
- Eertink, Bastiaan B. B., to Oce-Nederland B.V. Stepping motor controller. 4,510,266, 4-9-85, Cl. 318-696.000.
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  - Horrobin, David F., 4,535,093, Cl. 514-560.000.
- EFB Inc.: *See—*
  - Alexander, Jeffery C.; and Zahedi, Karim, 4,542,000, Cl. 423-244.000.
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- EFCO, Inc.: *See—*
  - Korytko, Myron I., 4,515,551, Cl. 425-406.000.
- Efcor, Inc.: *See—*
  - Kot, Vincent; Wallis, Bruce; and Robinson, Alfred, 4,549,755, Cl. 285-341.000.
- Effenberger, Franz; and Beisswenger, Thomas, to Degussa Aktiengesellschaft. S-substituted 2-azido-3-mercapto-propionic acid ester and process for its production and use. 4,523,012, 6-11-85, Cl. 544-316.000.
- Effenberger, John A.; and Keese, Frank M., to Chemical Fabrics Corporation. Fluoropolymer coating and casting compositions and films derived therefrom. 4,555,543, 11-26-85, Cl. 524-520.000.
- Effenberger, Ranko F. F. Apparatus for grinding and lapping annular sealing faces. 4,549,373, 10-29-85, Cl. 51-241.00A.
- Effinger, David D.; and Docter, Richard, to Hughes Aircraft Company. Microwave frequency synthesizer using plural switchable low noise oscillators. 4,516,085, 5-7-85, Cl. 331-40.000.
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- Efford, Thomas W.; and Moresi, Joseph A., Jr., to Sprague Electric Company. Capacitor assembly. 4,547,829, 10-15-85, Cl. 361-306.000.
- Effort, Wayne A. Disposable storage rack for cans or the like. 4,542,830, 9-24-85, Cl. 211-49.100.
- Efimova, Galina I.: *See—*
  - Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.
- Efner, Howard F.; and Schiff, Sidney, to Phillips Petroleum Company. Fuel additives from SO_2 treated mixtures of amides and esters derived from vegetable oil, tall oil acid, or aralkyl acid. 4,504,280, 3-12-85, Cl. 44-63.000.
- Efner, Howard F.: *See—*
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- Efron, Edward; McPherson, James O.; and Kim, Young B., to Discovision Associates. Analyzing the signal transfer characteristics of a signal processing unit. 4,524,444, 6-18-85, Cl. 371-24.000.
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  - Little, Michael J.; Brown, Roger H.; Efron, Uzi; and Hoberg, Clarence P., 4,537,827, Cl. 428-409.000.
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- Eftefield, Larry G.; Simmons, Gerald P.; and Stone, Gregory L., to Caterpillar Tractor Co. Method and apparatus for fragmenting asphalt. 4,560,207, 12-24-85, Cl. 299-10.000.
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  - Goldberg, Seymour, 4,494,085, Cl. 331-94.100.
  - Scarlet, Richard I.; Andrews, James B.; and Henning, William F., II, 4,492,963, Cl. 343-464.000.
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- Egami, Hidemi: *See—*
  - Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, 4,559,899, Cl. 118-657.000.
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- Egami, Tsuneyuki: *See—*
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- Egan, James R., to Miller Products, Inc. Laminated member and method of making same. 4,544,590, 10-1-85, Cl. 428-40.000.
- Egan, John J.; and Witkowski, Andrew B., to International Harvester Company. Automotive engine with improved multifilter lubrication system. 4,512,299, 4-23-85, Cl. 123-196.00A.
- Egan, Joseph P., Jr.: *See—*
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- Egan, Richard G., to Polaroid Corporation. Color laser printer with improved efficiency. 4,562,462, 12-31-85, Cl. 358-75.000.
- Egan, William E.: *See—*
  - Golata, John H.; Saylor, David M.; Egan, William E.; and Goldstein, Arthur A., 4,558,727, Cl. 152-5.000.
- Egawa, Akira; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Camera with a display device for displaying both object distance informations and coupling range informations. 4,544,254, 10-1-85, Cl. 354-403.000.

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Eggendorfer, Andreas J.: *See—*

deSouza, Alwyn A.; and Eggendorfer, Andreas J., 4,546,402, Cl. 361-120.000.

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Eggleton, Reginald C.; and Fry, Francis J., to Indianapolis Center for Advanced Research, Inc. (ICFAR). Acoustic microscope. 4,546,771, 10-15-85, Cl. 128-660.000.

Egle, Edward J. System for improving the starting of diesel engines in cold weather. 4,552,102, 11-12-85, Cl. 123-179.00H.

Egle, Hilda: *See—*

Hartmann, Rolf; Krah, Albrecht; Egle, Hilda; and Ziegler, Rudolf, 4,544,441, Cl. 156-634.000.

Egli, Robert, to Sandoz Ltd. Azo compounds having a 5-substituted-4-chlorothiazolyl-2-diazo component radical. 4,505,857, 3-19-85, Cl. 534-768.000.

Egli, Walter; Ragaller, Klaus; Schade, Ekkehard; and Stelzer, Roland, to BBC Brown, Boveri & Company, Limited. Gas-blast circuit breaker. 4,556,767, 12-3-85, Cl. 200-148.00A.

Egli, Werner H.; Lim, Wah L.; and Weber, Mark W., to Honeywell Inc. Discriminant apparatus for laser gyros. 4,526,469, 7-2-85, Cl. 356-350.000.

Eglin, Steven, to Scapa-Porritt Limited. Automatic seaming machine. 4,557,025, 12-10-85, Cl. 28-141.000.

Eglise, David; and Ruddell, Alan J., to Mars Incorporated. Coin handling apparatus. 4,491,140, 1-1-85, Cl. 133-8.00R.

Egma, Chikashi: *See—*

Torii, Kuniyoshi; and Egma, Chikashi, 4,501,730, Cl. 424-76.000.

Egner, Rudolf: *See—*

Zulauf, Karlheinz; and Egner, Rudolf, 4,561,570, Cl. 222-153.000.

Egorov, Vitaly V.: *See—*

Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.

Egrie, Joan C., to Kirin-Amgen, Inc. A.T.C.C. HB8209 and its monoclonal antibody to erythropoietin. 4,558,006, 12-10-85, Cl. 435-7.000.

Eguchi, Hirotugu, to NEC Corporation. Integrated circuit. 4,524,377, 6-18-85, Cl. 357-59.000.

Eguchi, Jyutaro; Kashino, Shinzo; Odahara, Tetsuichi; and Sukenari, Gunzo, to Kubota, Ltd. Combine harvester. 4,497,162, 2-5-85, Cl. 56-14.600.

Eguchi, Kanemitsu, to Kitagawa Industries Co., Ltd. Room temperature shrinkable coating material. 4,547,414, 10-15-85, Cl. 428-36.000.

Eguchi, Kazutoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Information processing apparatus for virtual storage control system. 4,495,575, 1-22-85, Cl. 364-200.000.

Eguchi, Kazutoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Data processing unit of a microprogram control system for variable length data. 4,502,115, 2-26-85, Cl. 364-200.000.

Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, to Agency of Industrial Science and Technology; Hanano Commercial Co., Ltd.; Taihei Chemical Industrial Co., Ltd.; and Kabushiki Kaisha Gosei Kagaku Kenkyusho. Releasing lubricant for use in forging and extrusion processes. 4,532,055, 7-30-85, Cl. 252-28.000.

Eguchi, Kiyoshi: *See—*

Kodera, Toshihiko; Eguchi, Kiyoshi; Ishikawa, Takayoshi; Genba, Yasushi; Tamaru, Shigemi; and Satou, Susumu, 4,497,992, Cl. 200-153.0SC.

Eguchi, Masuichi: *See—*

Hiramoto, Hiroo; and Eguchi, Masuichi, 4,547,455, Cl. 430-325.000.

Eguchi, Mitsuo; Tagawa, Kiyoharu; Ogawa, Hitoshi; Bandai, Mikio; and Nagashima, Nobuharu, to Fuji Photo Optical Co., Ltd. Automatic focus detecting device. 4,523,829, 6-18-85, Cl. 354-406.000.

Eguchi, Ronald G.: *See—*

Naik, Ishverlal K.; and Eguchi, Ronald G., 4,521,443, Cl. 427-38.000.

Eguchi, Shinsuke: *See—*

Kiyoshige, Satoshi; Fujikawa, Tadashi; and Eguchi, Shinsuke, 4,558,998, Cl. 418-26.000.

Eguchi, Shusaku: *See—*

Kotera, Noboru; Eguchi, Shusaku; and Miura, Norio, 4,512,911, Cl. 252-301.40H.

Eguchi, Takashi: *See—*

Hirota, Yutaka; and Eguchi, Takashi, 4,507,687, Cl. 358-335.000.

Eguchi, Takeo: *See—*

Hashimoto, Yoshitaka; and Eguchi, Takeo, 4,549,227, Cl. 358-328.000.

Eguchi, Yasuhito; and Kariya, Izumi, to Sony Corporation. Thermal head driving system. 4,492,482, 1-8-85, Cl. 400-120.000.

Eguchi, Yasukata; Hanyu, Susumu; Takenoya, Hideaki; and Inamori, Mikio, to Janome Sewing Machine Co. Ltd. Structure of supporting a stepping motor. 4,520,987, 6-4-85, Cl. 248-635.000.

Eguchi, Yasukata; Nomoto, Reishi; and Takahashi, Masayoshi, to Janome Sewing Machine Co. Ltd. Suturing needle for medical operation. 4,527,564, 7-9-85, Cl. 128-339.000.

Eguchi, Yasukata; and Inamori, Mikio, to Janome Sewing Machine Co. Ltd. Hem stitching presser foot for a zigzag sewing machine. 4,532,874, 8-6-85, Cl. 112-235.000.

Eguchi, Yasukata, to Janome Sewing Machine Industry Co., Ltd. Electronic sewing machine. 4,554,879, 11-26-85, Cl. 112-445.000.

Eguchi, Yasukata: *See—*
  Tamiya, Yoshimichi; and Eguchi, Yasukata, 4,509,441, Cl. 112-158.00B.

Eguchi, Yoshinori: *See—*
  Maruyama, Jisaburou; Fukayama, Sumio; Miyake, Masanobu; Watanabe, Yoshimi; and Eguchi, Yoshinori, 4,536,676, Cl. 313-318.000.

Eguchi, Yzsuhito: *See—*
  Kariya, Izumi; and Eguchi, Yzsuhito, 4,540,991, Cl. 346-76.0PH.

Egusa, Tomoyoshi, to NTN Toyo Bearing Company, Limited. Method of producing bearing devices for wheels of automobiles. 4,506,422, 3-26-85, Cl. 29-148.40R.

Egyesult Izzolampa es Villamossagi Rt.: *See—*
  Kerekes, Bela, 4,546,290, Cl. 315-209.00R.
  Kerekes, Bela, 4,560,906, Cl. 315-47.000.
  Nagy, Janos; and Oldal, Endre, 4,531,074, Cl. 313-331.000.
  Nagy, Janos; Nagy, Laszlo; and Oldal, Endre, 4,559,278, Cl. 428-630.000.

Egyt Gyogyszervegyeszeti Gyar: *See—*
  Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.
  Budai, Zoltan; Kis-Tamas, Attila; Mezei, Tibor; Lay, Aranka; Vigh, Zoltan; and Sokorai, Agnes, 4,511,737, Cl. 564-257.000.
  Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
  Orban, Erno ; Borvendeg, Janos; Nagy, Laszlo; Sotinee Tolvay, Marta; and Bander, Erzsebet, 4,539,199, Cl. 424-22.000.
  Rakoczi, Jozsef; Berenyi nee Poldermann, Edit; Fekete, Bela; Szekeres, Laszlo; Papp, Gyula; and Keszthelyi nee Udvary, Eva, 4,530,923, Cl. 514-183.000.
  Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.

Ehara, Kohei: *See—*
  Itsumi, Manabu; Ehara, Kohei; Muramoto, Susumu; and Matsuo, Seitaro, 4,543,592, Cl. 357-43.000.

Ehara, Kunihiko: *See—*
  Oda, Shoji; Ehara, Kunihiko; Umemoto, Hirotoshi; and Nakano, Shinji, 4,501,829, Cl. 523-400.000.

Eheim, Franz; and Bohringer, Wilfried, to Robert Bosch GmbH. Fuel injection apparatus for internal combustion engines. 4,491,111, 1-1-85, Cl. 123-449.000.

Eheim, Franz, to Robert Bosch GmbH. Governor for fuel injection pump. 4,505,241, 3-19-85, Cl. 123-373.000.

Eheim, Franz; Hofer, Gerald; Konrath, Karl; and Straubel, Max, to Robert Bosch GmbH. Controlling device for a fuel-quantity adjusting member of a fuel injection pump. 4,519,352, 5-28-85, Cl. 123-373.000.

Eheim, Franz; and Laufer, Helmut, to Robert Bosch GmbH. Fuel injection pump for internal combustion engines with an adjustment of the instant of injection. 4,534,332, 8-13-85, Cl. 123-502.000.

Eheim, Franz; Hofer, Gerald; Eckert, Konrad; and Links, Heinz, to Robert Bosch GmbH. Fuel injection system for self-igniting internal combustion engines. 4,541,385, 9-17-85, Cl. 123-446.000.

Eheim, Franz: *See—*
  Djordjevic, Ilija; and Eheim, Franz, 4,526,146, Cl. 123-357.000.
  Djordjevic, Ilja; Eheim, Franz; and Laufer, Helmut, 4,539,964, Cl. 123-509.000.
  Hofer, Gerald; Straubel, Max; and Eheim, Franz, 4,512,308, Cl. 123-383.000.

Ehiro, Takashi; Tanaka, Teruaki; and Yamanaka, Eisuke, to Kawasaki Steel Corporation. Method of producing steel H-sheet pile. 4,550,582, 11-5-85, Cl. 72-234.000.

Ehl, James H.: *See—*
  Schuerer, Paul H.; Ehl, James H.; and Prasthofer, Willibald P., 4,548,083, Cl. 73-827.000.

Ehlenz, Peter; and Irgel, Lutz, to Collo GmbH. Method of producing a sorptive body, particularly for eliminating odors, air freshening, etc. and the resultant product. 4,517,308, 5-14-85, Cl. 502-401.000.

Ehlermann, Hans-Dieter. Process and apparatus for binding books. 4,556,353, 12-3-85, Cl. 412-5.000.

Ehlers, Jerry W.: *See—*
  Smith, James W.; and Ehlers, Jerry W., 4,561,075, Cl. 367-46.000.

Ehlers, Jorn: *See—*
  Budahn, Peter; and Ehlers, Jorn, 4,495,306, Cl. 502-185.000.

Ehlers, Kenneth W.: *See—*
  Leung, Ka-Ngo; Ehlers, Kenneth W.; and Hiskes, John R., 4,559,477, Cl. 315-111.810.

Ehlers, Raymond C.: *See—*
  Bauers, Barton M.; Raudat, John L.; Ehlers, Raymond C.; and Thompson, Timothy H., 4,522,011, Cl. 53-55.000.

Ehlers, Raymond G.: *See—*
  Ghaem-Maghami, Sanjar; and Ehlers, Raymond G., 4,525,745, Cl. 358-237.000.

Ehlers, Thomas G. Wind powered grain drying apparatus. 4,524,528, 6-25-85, Cl. 34-102.000.

Ehling, Uwe: *See—*
  Hirsch, Werner; and Ehling, Uwe, 4,507,875, Cl. 34-44.000.

Ehlscheid, Gunter; and Frost, Heinz-Helmut, to Winkler & Dunnebier Maschinenfabrik und Eisengiesserei GmbH & Co. KG. Punch device for making window cut-outs. 4,537,588, 8-27-85, Cl. 493-342.000.

Ehmann, Werner; Homanner, Alfons; and Rinno, Helmut, to Hoechst Aktiengesellschaft. Aqueous polyvinyl ester dispersion, process for its manufacture, and its use. 4,544,689, 10-1-85, Cl. 524-52.000.

Ehn, Dennis C., to Itek Corporation. Display processor system and method. 4,531,160, 7-23-85, Cl. 358-240.000.

Ehni, George J., to Texas Instruments Incorporated. Programmable attenuator. 4,500,845, 2-19-85, Cl. 330-86.000.

Ehnot, Donald J.: *See—*
  Klee, David J.; and Ehnot, Donald J., 4,524,548, Cl. 51-322.000.

Ehnstrom, Lars: *See—*
  Baeling, Peter; and Ehnstrom, Lars, 4,552,775, Cl. 426-624.000.

Ehrat, Kurt, to Gretag Aktiengesellschaft. Mechanical lock having a variable key. 4,534,195, 8-13-85, Cl. 70-316.000.

Ehrenbard, Christine H.; and Gottfried, Noah L., to AT&T Bell Laboratories. Timing recovery in a baud-rate sampled-data system. 4,494,242, 1-15-85, Cl. 375-118.000.

Ehrenberg, Jorgen: *See—*
  Konnemann, Alfred; and Ehrenberg, Jorgen, 4,540,234, Cl. 339-259.00R.

Ehrend, Helfried: *See—*
  Bauer, Armin; Ehrend, Helfried; Morche, Klaus; Nutzel, Karl; and Sauerbier, Michael, 4,524,182, Cl. 525-120.000.
  Sauerbier, Michael; and Ehrend, Helfried, 4,551,505, Cl. 525-346.000.

Ehrenfeld, Frank E., Jr., to Congoleum Corporation. Textured pile fabrics. 4,500,319, 2-19-85, Cl. 8-114.500.

Ehrenfellner, Hubert: *See—*
  Knudson, Robert M.; and Ehrenfellner, Hubert, 4,494,919, Cl. 425-83.100.

Ehrenfreund, Josef, to Ciba-Geigy Corporation. Pesticidal N-(4-alkenylthio)-phenyl-N'-benzoylureas. 4,505,931, 3-19-85, Cl. 514-594.000.

Ehrenfreund, Josef: *See—*
  Boger, Manfred; Ehrenfreund, Josef; Martin, Pierre; and Steiner, Eginhard, 4,511,571, Cl. 514-351.000.

Ehrenfried, George, to Polaroid Corporation. Method and apparatus for optimizing object distance signals. 4,547,055, 10-15-85, Cl. 354-401.000.

Ehrenstein, Gottfried: *See—*
  Onasch, Jurgen; and Ehrenstein, Gottfried, 4,527,932, Cl. 411-411.000.

Ehrentraut, Otto; and Ederer, Ulf G., to Miba Gleitlager Aktiengesellschaft. Hydrodynamic sliding surface bearing. 4,538,929, 9-3-85, Cl. 384-120.000.

Ehrentraut, Otto; and Ederer, Ulf G., to Miba Gleitlager Aktiengesellschaft. Composite sliding surface bearing. 4,561,787, 12-31-85, Cl. 384-295.000.

Ehret, Bernhard; and Ferroni, Stephan. Control device and method for gluing together continuous form sets. 4,491,490, 1-1-85, Cl. 156-64.000.

Ehret, Gordon F., to Sta-Rite Industries, Inc. Non-staining underwater light assembly for pools. 4,543,623, 9-24-85, Cl. 362-267.000.

Ehret, Reiner: *See—*
  Friemel, Wolfgang; and Ehret, Reiner, 4,503,032, Cl. 424-40.000.

Ehret, Robert J.: *See—*
  Stephens, Donald E.; and Ehret, Robert J., 4,534,941, Cl. 422-70.000.

Ehrfeld, Wolfgang; and Krieg, Gunther, to Kernforschungszentrum Karlsruhe GmbH. Motionless mixer. 4,514,095, 4-30-85, Cl. 366-340.000.

Ehrfeld, Wolfgang: *See—*
  Becker, Erwin; Ehrfeld, Wolfgang; Munchmeyer, Dietrich; Betz, Hans; and Heuberger, Anton, 4,493,753, Cl. 204-9.000.
  Becker, Erwin; Bier, Wilhelm; Ehrfeld, Wolfgang; and Munchmeyer, Dietrich, 4,541,977, Cl. 264-102.000.
  Becker, Erwin; Ehrfeld, Wolfgang; Fritz, Wolfgang; Steinhaus, Harald; and Bley, Peter, 4,551,157, Cl. 55-17.000.

Ehrgott, Charles W., to Chesebrough-Pond's Inc. Method and apparatus for measuring consistency of non-Newtonian fluids. 4,495,798, 1-29-85, Cl. 73-54.000.

Ehrhardt, Heinz; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, to Hoechst Aktiengesellschaft. Fungicidal 3-1,2,4-triazol-1-yl-1,2-diaryl-1-halogeno-prop-1-ene derivatives, compositions, and method of use. 4,495,191, 1-22-85, Cl. 514-383.000.

Ehrhardt, Henry B. Tracking trailer construction. 4,512,593, 4-23-85, Cl. 280-460.00R.

Ehrhardt, James D.: *See—*
  Bafunno, Daniel V.; Detter, Gary C.; Ehrhardt, James D.; Gaughan, Patrick J.; Johnson, Dale C.; and Rowlands, Richard C., 4,554,618, Cl. 362-155.000.

Ehrhart, Fritz; Chattopadhay, Asoke; and Schmidt, Karl, to Pierburg GmbH & Co., KG. Fuel supply assembly for mixture-compressing internal combustion engines and associated methods of operation. 4,543,939, 10-1-85, Cl. 123-533.000.

Ehrhart, Philip J.; Makofka, Stanley J.; and McLean, Kenneth W., to Sperry Corporation. Rotary cutter for disc mower-conditioner. 4,531,349, 7-30-85, Cl. 56-13.600.

Ehrhart, Raymond G.: *See—*

- Gasper, Kenneth E.; and Ehrhart, Raymond G., 4,549,853, Cl. 417-53.000.

Ehrhart, Wendell A.; Lenox, Ronald S.; and Sparks, Moses, Jr., to Armstrong World Industries, Inc. Gasket materials comprising polyester and rice hulls. 4,496,674, 1-29-85, Cl. 523-500.000.

Ehrich, Gerd; and Dobner, Eberhard, to Mannesmann Aktiengesellschaft. Method for measuring the weight of bulk goods loaded by a hydraulic excavator. 4,499,960, 2-19-85, Cl. 177-25.000.

Ehring, Carolyn C., to Cairns & Brother Inc. Sleeve attachment for multilayered protective coat. 4,543,670, 10-1-85, Cl. 2-85.000.

Ehring, Carolyn C.; and Baumgartner, Edward W., to Cairns & Brother Inc. Multilayered protective trouser. 4,561,121, 12-31-85, Cl. 2-2.000.

Ehring, Markus. Attachment for spectacle temples. 4,548,484, 10-22-85, Cl. 351-123.000.

Ehrler, Arthur J.: *See—*

- Roser, Carl A.; and Ehrler, Arthur J., 4,513,563, Cl. 56-295.000.

Ehrlich, Conrad P.; and Ehrlich, Sandra L. Stove safety guard. 4,517,955, 5-21-85, Cl. 126-211.000.

Ehrlich, Earl A.: *See—*

- Kutsch, Harold G.; and Ehrlich, Earl A., 4,545,291, Cl. 98-42.210.

Ehrlich, Johann, to Patoflex Corporation. Shoe-sole and method for making the same. 4,497,123, 2-5-85, Cl. 36-32.00R.

Ehrlich, Johann, to Patoflex Corporation. Process for producing a shoe sole having two wooden parts interconnected by a flexible polyurethane part beneath the ball of the foot. 4,543,222, 9-24-85, Cl. 264-46.500.

Ehrlich, Johann, Jr., to Patoflex Corporation. Sole for shoes and process for producing said sole. 4,510,702, 4-16-85, Cl. 36-86.000.

Ehrlich, Josef, to Outboard Marine Corporation. Internal combustion engine with disc inlet valve. 4,550,696, 11-5-85, Cl. 123-73.00D.

Ehrlich, Joseph R.; and Hess, Hildegard. Beverages obtained from alcoholic treatment of roasted citrus fruit peels. 4,497,842, 2-5-85, Cl. 426-592.000.

Ehrlich, Joseph R., to Wachtel, Jack, a part interest. Bubble composition using multipurpose surfactant base. 4,511,497, 4-16-85, Cl. 252-542.000.

Ehrlich, Paul H.: *See—*

- Canfield, Robert E.; Ehrlich, Paul H.; and Moyle, William R., 4,514,505, Cl. 436-500.000.

Ehrlich, Sandra L.: *See—*

- Ehrlich, Conrad P.; and Ehrlich, Sandra L., 4,517,955, Cl. 126-211.000.

Ehrlich, Victor D.: *See—*

- Mahabadi, John K.; and Ehrlich, Victor D., 4,507,570, Cl. 307-273.000.

Ehrlich, Willibald; Jooss, Hans; and Hornung, Rainer, to Daimler-Benz Aktiengesellschaft. Method for increasing the endurance and reducing the friction of oil lubricated conical roller bearings. 4,511,606, 4-16-85, Cl. 427-386.000.

Ehrlichmann, Merlin W., to Sunburst Laboratories, Inc. Incinerator having kinetic venturi isothermic grid burner system. 4,515,089, 5-7-85, Cl. 110-235.000.

Ehrlinger, Friedrich, to Zahnradfabrik Friedrichshafen AG. Gear transmission with splash lubrication. 4,526,054, 7-2-85, Cl. 74-467.000.

Ehrlinger, Klaus: *See—*

- Kruger, Roland; and Ehrlinger, Klaus, 4,550,029, Cl. 426-487.000.

Ehrlinger, Wolfgang; Hirsch, Gerhard; and Alberty, Michael, to ANT Nachrichtentechnik GmbH. Waveguide-microstrip transition arrangement. 4,550,296, 10-29-85, Cl. 333-26.000.

Ehrman, Albert M.: *See—*

- Mersfelder, Robert E.; and Ehrman, Albert M., 4,547,375, Cl. 426-52.000.

Ehrmann, Karl; and Gerber, Richard, to Robert Bosch GmbH. Ignition device for internal combustion engines. 4,538,564, 9-3-85, Cl. 123-146.50A.

Ehrmann, Peter, to Freudenberg, Carl. Seal ring having an axis parallel intermediate ring. 4,553,763, 11-19-85, Cl. 277-153.000.

Ehrnford, Lars E. M., to Austenal International, Inc. Condensing instrument for packing and condensing in connection with placement of dental composite resin restorative materials. 4,521,191, 6-4-85, Cl. 433-164.000.

Eibe, Werner W., to White Consolidated Industries, Inc. Apparatus and method for press-edging hot slabs. 4,502,311, 3-5-85, Cl. 72-206.000.

Eibe, Werner W., to White Consolidated Industries, Inc. Self-contained inflatable crown roll. 4,553,296, 11-19-85, Cl. 29-113.00R.

Eibe, Werner W., to White Consolidated Industries, Inc. Hydromechanical inflatable crown roll. 4,553,297, 11-19-85, Cl. 29-113.0AD.

Eibe, Werner W., to White Consolidated Industries, Inc. Composite inflatable crown roll. 4,557,028, 12-10-85, Cl. 29-113.00R.

Eibeck, Richard E.: *See—*

- Luly, Matthew H.; Lockyer, George D., Jr.; Eibeck, Richard E.; and Gaynor, Joseph, 4,524,119, Cl. 430-108.000.
- Nalewajek, David; Eibeck, Richard E.; and Sukornick, Bernard, 4,548,881, Cl. 429-194.000.

Eibl, Johann; Hetzl, Ernst; and Linnau, Yendra, to Immuno Aktiengesellschaft fur Chemisch-Medizinische Produkte. Method of producing an antithrombin III-heparin concentrate or antithrombin III-heparinoid concentrate. 4,510,084, 4-9-85, Cl. 260-112.00B.

Eibner, Robert; Nolle, Hans-Heinrich; Schneider, Alfred; and Kohl, Wilhelm, to Schering Aktiengesellschaft. Fertilizer. 4,525,197, 6-25-85, Cl. 71-11.000.

Eibofner, Eugen; and Strohmaier, Ernst, to Kaltenbach & Voigt GmbH & Co. Arrangement for imposing pressure on maintenance media in medical particularly dental handpieces. 4,544,355, 10-1-85, Cl. 433-104.000.

EIC Laboratories, Inc.: *See—*

- Foos, Joseph S., 4,499,161, Cl. 429-196.000.

Eich, Gerhard: *See—*

- Frankenfeld, Klaus; Ruschke, Peter; Brodt, Peter; and Eich, Gerhard, 4,492,680, Cl. 423-321.00S.

Eich, Otwin: *See—*

- Post, Karl-Heinz; and Eich, Otwin, 4,535,966, Cl. 251-31.000.
- Schippers, Heinz; Hertell, Siegfried; and Eich, Otwin, 4,523,901, Cl. 417-395.000.

Eichbauer, George N.; and LeBlanc, Beth A., to Mobil Oil Corporation. One-sided cling stretch wrap. 4,518,654, 5-21-85, Cl. 428-331.000.

Eichberg, Joseph: *See—*

- Kronstein, Max; and Eichberg, Joseph, 4,520,153, Cl. 524-145.000.

Eichelberger, Charles W.; Wojnarowski, Robert J.; and Cohen, Peter I., to General Electric Company. Shielded plastic microwave oven cavity. 4,495,251, 1-22-85, Cl. 428-548.000.

Eichelberger, Charles W.; and Wojnarowski, Robert J., to General Electric Company. Electrical conductors arranged in multiple layers. 4,522,888, 6-11-85, Cl. 428-546.000.

Eichelberger, Charles W.; Wojnarowski, Robert J.; and Auerbach, Abraham, to General Electric Company. Method for fabricating a printed circuit board of desired shape. 4,528,748, 7-16-85, Cl. 29-835.000.

Eichelberger, Charles W.: *See—*

- Miller, Edward B.; and Eichelberger, Charles W., 4,511,895, Cl. 340-825.500.
- Miller, Edward B.; and Eichelberger, Charles W., 4,535,332, Cl. 340-825.060.

Eichelberger, Edward B.; and Lindbloom, Eric, to International Business Machines Corporation. Random pattern self test design. 4,546,473, 10-8-85, Cl. 371-25.000.

Eichelberger, John L.: *See—*

- Chen, Johnson C. H.; and Eichelberger, John L., 4,504,402, Cl. 252-70.000.
- Chen, Johnson C. H.; and Eichelberger, John L., 4,505,953, Cl. 427-212.000.
- Chen, Johnson C. H.; and Eichelberger, John L., 4,513,053, Cl. 428-221.000.

Eichelberger, Leo; and Ciszewski, Hans-Joachim, to Siemens Aktiengesellschaft. Double-walled, flexible hose. 4,531,551, 7-30-85, Cl. 138-129.000.

Eichelberger, Leo: *See—*

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Eiserman, Gary K.; and Hagar, Robert W. Water trap. 4,558,696, 12-17-85, Cl. 128-205.120.

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- Eisfeld, Wolfgang: *See—*
  - Disteldorf, Walter; Eisfeld, Wolfgang; and Kohler, Rolf-Dieter, 4,550,208, Cl. 564-329.000.
- Eisinger, Frantisek L., to Foster Wheeler Energy Corporation. Roller mechanism for forming helical shapes. 4,546,631, 10-15-85, Cl. 72-135.000.
- Eisner, Jeffrey W. Tool for removing mandrel mounted disks. 4,491,041, 1-1-85, Cl. 81-55.000.
- Eissenberg, David M.: *See—*
  - Horton, Joel R.; and Eissenberg, David M., 4,510,121, Cl. 422-232.000.
- Eistrat, Thomas. Combined chain saw and positioning tool. 4,534,111, 8-13-85, Cl. 30-371.000.
- Eitel, Frederick G.; and Hodges, Thomas J., to United Technologies Corporation. Pressure actuated deformable mirror. 4,492,431, 1-8-85, Cl. 350-310.000.
- Eitel, Frederick G., to United States of America, Air Force. Machining a cooled cylindrical optic to compensate for pressure distortion. 4,553,457, 11-19-85, Cl. 82-1.00C.
- Eiteljorg, Harrison. Ski boot. 4,510,703, 4-16-85, Cl. 36-119.000.
- Eith, Gerhard, to Siemens Aktiengesellschaft. Orifice valve for an ultrasonic liquid atomizer. 4,537,354, 8-27-85, Cl. 239-102.000.
- Eiting, John C., to Precision Strip Technology, Inc. Hub starter fixture. 4,541,163, 9-17-85, Cl. 29-426.500.
- Eiting, John R., to Precision Strip Technology, Inc. Scroll slitting and rewind apparatus. 4,508,282, 4-2-85, Cl. 242-56.200.
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- Eitzinger, Robert, to Mid-West Automation Inc. Reciprocating rectilinear motion apparatus. 4,520,682, 6-4-85, Cl. 74-40.000.
- Eizenberg, Moshe; and Murarka, Shyam P., to AT&T Bell Laboratories. Forming low-resistance contact to silicon. 4,502,209, 3-5-85, Cl. 29-589.000.
- Ejima, Noriyoshi: *See—*
  - Morimoto, Takuo; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,496,469, Cl. 252-62.000.
  - Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,542,067, Cl. 428-237.000.
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- Ejiri, Koichi, to Ricoh Company, Ltd. Method of assigning direction code to boundary picture element in character recognition system. 4,524,454, 6-18-85, Cl. 382-21.000.
- Ejiri, Yoshihiro: *See—*
  - Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, 4,505,540, Cl. 350-96.200.
  - Tatekura, Koichi; Yamamoto, Hitoshi; Nunokawa, Makoto; and Ejiri, Yoshihiro, 4,506,947, Cl. 350-96.210.
- Ejnar Jensen & Son Maskinfabrik A/S: *See—*
  - Munch Jensen, Jorn, 4,553,662, Cl. 198-456.000.
- EJOT Eberhard Jaeger GmbH & Co. KG: *See—*
  - Grossberndt, Hermann, 4,544,313, Cl. 411-411.000.
- Ek, Bo R., to Fiber Dynamics AB. Method and device for dispersing material. 4,506,834, 3-26-85, Cl. 241-1.000.
- Ek, F. Donald: *See—*
  - Rich, Michael; and Ek, F. Donald, 4,506,856, Cl. 248-222.100.
- Ek, Kenneth; and Hammarstedt, Ulf. Method for collecting and separating solids and/or insoluble liquids from a liquid body. 4,549,970, 10-29-85, Cl. 210-776.000.
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  - Berglin, Carl T.; and Herrmann, Wolfgang, 4,552,748, Cl. 423-588.000.
  - Franzen, Bengt G.; and Herrmann, Wolfgang, 4,503,028, Cl. 423-588.000.
  - Franzen, Bengt G., 4,541,997, Cl. 423-219.000.
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  - Bragin, Boris F.; Gladky, Petr V.; Markuntovich, Felix D.; Perepletchikov, Evgeny F.; Frumin, Isidor I.; and Ekber, Boris Y., 4,506,865, Cl. 251-366.000.
  - Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.; Perepletchikov, Evgeny F.; and Ekber, Boris Y., 4,534,540, Cl. 251-203.000.
- EKC Technology, Inc.: *See—*
  - Miller, Anne K. M.; and Mason, Richard, 4,511,038, Cl. 206-454.000.
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- Eke, Kenneth I., to Microwave Ovens Limited. Microwave ovens and methods of cooking food. 4,533,809, 8-6-85, Cl. 219-10.55M.
- Ekegren, Sven G.: *See—*
  - Beier, Oskar H. G.; Kerf, Joseph B. J.; and Ekegren, Sven G., 4,558,574, Cl. 68-18.00R.
- Ekeibaev, Djusenkhan D.: *See—*
  - Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.
- Ekeleme, Charles E., Jr.; and Martin, Rabian M., to Eaton Corporation. Relief valve. 4,543,987, 10-1-85, Cl. 137-540.000.
- Ekelman, Ernest P., Jr.; and Ostertag, Edward L., to Andrew Corporation. Multi-port combiner for multi-frequency microwave signals. 4,504,805, 3-12-85, Cl. 333-126.000.
- Ekenved, Gunnar H.: *See—*
  - Appelgren, Curt H.; Bogentoft, Conny B.; and Ekenved, Gunnar H., 4,562,061, Cl. 424-32.000.
- Ekern, William F.: *See—*
  - Bizzell, Gary D.; and Ekern, William F., 4,492,266, Cl. 165-104.260.
- Ekholm, Carl R., to Standex International Corporation. Chiropractic table cushion drop release mechanism. 4,523,581, 6-18-85, Cl. 128-70.000.
- Ekholm, Jan: *See—*
  - Bengtsson, Bengt L.; Palmlin, Peter; and Ekholm, Jan, 4,525,368, Cl. 426-438.000.
- Ekland, Joseph D.: *See—*
  - Cruickshank, E. J.; and Ekland, Joseph D., 4,516,560, Cl. 125-15.000.
  - Roemmele, Carl F.; and Ekland, Joseph D., 4,550,708, Cl. 125-15.000.
- Eklof, Ake T., to Atlas Copco Aktiebolag. Hydraulically operated impact device. 4,494,614, 1-22-85, Cl. 173-116.000.
- Eklof, Ulf, to Alfa-Laval Separation AB. Operating system for centrifugal separators. 4,510,052, 4-9-85, Cl. 210-139.000.
- Eklund, Nils; and Huang, Jen-chi, to Polychrome Corporation. Planographic printing plate having cationic compound in interlayer. 4,552,827, 11-12-85, Cl. 430-160.000.
- Eklund, Tore. Load holder. 4,496,089, 1-29-85, Cl. 224-329.000.
- Eklund, Urban, to Kockums Industri AB. Method of processing curved logs. 4,548,247, 10-22-85, Cl. 144-357.000.
- Eklund, Vidar: *See—*
  - Selin, Johan; Huttunen, Jouko; Turunen, Olli; Eklund, Vidar; and Ekman, Kurt, 4,526,620, Cl. 106-203.000.
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- Ekman, Heinz, to Verdal Maskinverksted A/S. Means for recovering heat from a room space, and for ventilation. 4,493,366, 1-15-85, Cl. 165-54.000.
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- Ekmark, Bo, to Techtrans Company, Ltd. Roofing for building and method and apparatus for making the roofing. 4,528,835, 7-16-85, Cl. 72-301.000.
- Eknor, Per O. E., to Aktiebolaget Electrolux. Automatic dispenser for a detergent. 4,516,696, 5-14-85, Cl. 222-181.000.
- Eko Video Limited: *See—*
  - Hackett, Joseph, 4,513,928, Cl. 242-198.000.
- Ekono, Inc.: *See—*
  - Seppanen, Olli; Punttila, Antero; and Sulku, Jukka, 4,505,259, Cl. 126-429.000.
- Ekono Oy: *See—*
  - Ostman, Per H., 4,530,737, Cl. 159-47.100.
- Ekstrom, R. A., Jr. Instrument for inducing heat into an elongated object whose temperature is to be measured. 4,529,869, 7-16-85, Cl. 219-535.000.
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  - Bosworth, Warren M., Jr.; and Martin, Fred E., 4,546,977, Cl. 273-73.00A.
  - Mortvedt, Raymond L.; and Thompson, Steven M., 4,531,738, Cl. 273-73.00C.
  - Mortvedt, Raymond L., 4,561,655, Cl. 273-73.00H.
- Ekuan, Kenji, to C. I. Kasei Co. Ltd. Box. 4,546,898, 10-15-85, Cl. 220-337.000.
- El-Chem Corporation: *See—*
  - Church, Peter K., 4,525,425, Cl. 428-428.000.
- El Paso Hydrocarbons Company: *See—*
  - Mehra, Yuv R., 4,511,381, Cl. 62-17.000.
  - Mehra, Yuv R., 4,526,594, Cl. 62-17.000.
- El Paso Polyolefins Company: *See—*
  - Hattori, Kiyoshi; and Myers, John H., 4,536,549, Cl. 525-240.000.
  - Hattori, Kiyoshi; and Myers, John H., 4,540,416, Cl. 604-410.000.
- El Paso Products Company: *See—*
  - Allen, George C., 4,540,842, Cl. 585-823.000.
  - Crum, Glen F., 4,514,261, Cl. 203-9.000.
  - Henery, James D.; McHaney, Stephen C.; and Edwards, Charles L., 4,543,437, Cl. 585-857.000.
  - Henery, James D.; Edwards, Charles L.; and McHaney, Stephen C., 4,543,438, Cl. 585-857.000.
  - Olah, George A., 4,508,618, Cl. 208-134.000.
- Elabd, Hammam, to RCA Corporation. CCD imagers with interleaved image registers using opposed directions of charge transfer. 4,539,596, 9-3-85, Cl. 358-213.000.
- Elabd, Hammam: *See—*
  - Kosonocky, Walter F.; and Elabd, Hammam, 4,544,939, Cl. 357-30.000.
- Elam, Carl M.; and Leavy, Dale A. Video and audio blanking system. 4,554,584, 11-19-85, Cl. 358-165.000.
- Elam, Edward U.; and Middleton, Michael L., to Eastman Kodak Company. Preparation of saccharide acetoacetates. 4,551,523, 11-5-85, Cl. 536-119.000.

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Lowe, David A.; Romancik, Guna; Cappelletti, Leonardo M.; and Elander, Richard P., 4,520,101, Cl. 435-49.000.

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Elarde, Vito D. Fabrication of a printed circuit board with metal-filled channels. 4,532,152, 7-30-85, Cl. 427-96.000.

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Schlueter, Klaus, 4,515,091, Cl. 110-346.000.

Wallner, Josef; and Kelterbaum, Manfred, 4,555,087, Cl. 249-78.000.

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Nicholas, John D., 4,522,413, Cl. 277-205.000.

Elattar, Azza A., to Texaco Inc. Method of preparing pillared, interlayered clay catalyst using soluble carbohydrates. 4,515,901, 5-7-85, Cl. 502-63.000.

Elattar, Azza A., to Texaco Inc. Process for manufacturing porous slag. 4,545,797, 10-8-85, Cl. 65-19.000.

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Bruder, Gerhard; and Pippinger, Horst, 4,548,538, Cl. 414-332.000.

Elbaek, Jorgen F., to Danavox A/S. Coupler for microtelephone set. 4,499,337, 2-12-85, Cl. 179-27.00D.

Elbaum, Marek: *See—*

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Elbe, Hans-Ludwig; Buchel, Karl H.; Frohberger, Paul-Ernst; and Brandes, Wilhelm, to Bayer Aktiengesellschaft. Combating fungi with triazolyl-vinyl ketones and carbinols. 4,500,537, 2-19-85, Cl. 514-383.000.

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Reiser, Wolf; Elbe, Hans-Ludwig; and Feyen, Peter, 4,501,897, Cl. 548-262.000.

Elbe, Ronald E. Front sight for small arms. 4,505,047, 3-19-85, Cl. 33-233.000.

Elbel, Karl; and Augustin, Rainer, to SEA Schleifmittel Entwicklung Anwendung GmbH. Process for producing grinding elements. 4,541,843, 9-17-85, Cl. 51-298.000.

Elbers, Richard W., to Cambridge Filter Corporation. Corrugated spacers for pleated air filter media. 4,537,812, 8-27-85, Cl. 428-182.000.

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Elco Corporation: *See—*

Litt, Frederic A.; and Czernicki, Thomas R., 4,508,630, Cl. 252-32.500.

Tillotson, John D., 4,512,620, Cl. 339-97.00P.

Tillotson, John D., 4,519,664, Cl. 339-143.00R.

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Shirai, Kazuo, 4,560,231, Cl. 339-258.0RR.

Elcorsy Inc.: *See—*

Castegnier, Adrien, 4,555,320, Cl. 204-180.900.

Elcott, Teleb M. Fluid pulsation apparatus. 4,512,514, 4-23-85, Cl. 239-99.000.

Elcrin, Alain; and Chambron, Edmond, to Thomson-CSF. Telescopic cylindrical tube column. 4,561,798, 12-31-85, Cl. 403-109.000.

Eldec Corporation: *See—*

Daniels, Ted M., 4,519,256, Cl. 73-745.000.

Little, William R.; and Daniels, Ted M., 4,547,665, Cl. 250-227.000.

Elder, Danny S., to Alcan Aluminum Corporation. Production of cross-linked polymeric extruded articles. 4,528,155, 7-9-85, Cl. 264-174.000.

Elder, Ivan R. Nipple, ring and cap dishwasher accessory. 4,498,594, 2-12-85, Cl. 211-181.000.

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Bergeron, Hervin J., Jr., 4,538,507, Cl. 98-31.500.

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Elder, James Donald: *See—*

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Bennett, Gloria A.; Elder, Michael G.; and Kemme, Joseph E., 4,513,352, Cl. 361-385.000.

Elder, Richard B.: *See—*

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Elders, Gerald W. Roof support pin. 4,502,818, 3-5-85, Cl. 405-259.000.

Eldex Laboratories, Inc.: *See—*

Clark, Keith S., 4,531,840, Cl. 366-142.000.

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Eldon Industries, Inc.: *See—*

Evenson, Mel, 4,512,480, Cl. 211-11.000.

Evenson, Mel, 4,535,896, Cl. 211-41.000.

Lawrence, William, 4,562,337, Cl. 219-421.000.

Soulakis, George, 4,535,705, Cl. 108-152.000.

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Erdle, Jack A., 4,517,406, Cl. 174-72.00B.

Eldredge, Kim W. Grain loss indicator. 4,490,964, 1-1-85, Cl. 56-10.200.

Eldredge, Peter: *See—*

Broadbent, William H., Jr.; Buchholz, Steve; Eldredge, Peter; and Wihl, Mark J., 4,555,798, Cl. 382-8.000.

Eldridge, Arthur C.: *See—*

Friedrich, John P.; and Eldridge, Arthur C., 4,493,854, Cl. 426-629.000.

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Shay, Gregory D.; Eldridge, Emmojean; and Kail, James E., 4,514,552, Cl. 526-301.000.

Eldridge, Gordon E.: *See—*

Owens, Ester L., 4,520,655, Cl. 73-46.000.

Eldridge, Graeme W.: *See—*

Clarke, Rowland C.; and Eldridge, Graeme W., 4,544,417, Cl. 148-1.500.

Eldridge, Jerome M.; and Homola, Andrew M., to International Business Machines Corporation. Encapsulated magnetic recording disk. 4,521,451, 6-4-85, Cl. 427-130.000.

Eldridge, Jerome M.: *See—*

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Eldridge, Joseph L.; and Domes, E. A., to Payhauler Corporation. Apparatus for acquiring dump truck duty cycle data. 4,542,461, 9-17-85, Cl. 364-424.000.

Eldridge, Vernon F. Fishing line choke for the rod of a spinning reel. 4,539,773, 9-10-85, Cl. 43-25.000.

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Electra Mikun (Industries) Ltd.: *See—*

Raz, Dan, 4,504,041, Cl. 254-9.00R.

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Montgomery, Dale, 4,544,420, Cl. 148-37.000.

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Electric Power Development Co., Ltd.: *See—*

Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, 4,492,638, Cl. 210-728.000.

Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.

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Appleby, A. John, 4,555,453, Cl. 429-41.000.

Electric Power Research Institute, Inc.: *See—*

Altman, Ralph F.; Gooch, John P.; Dismukes, Edward B.; Bickelhaupt, Roy E.; and Dahlin, Robert S., 4,533,364, Cl. 55-5.000.

Awerbuch, Leon; and Rogers, Alfred N., 4,502,285, Cl. 60-641.500.

Baird, Richard H.; Blechar, Theodore J.; Giladett, Leo V. B.; Horner, Reginald M.; Prouty, Gerald G.; and Rinde, David L., 4,527,623, Cl. 165-173.000.

Bedell, John R., 4,506,725, Cl. 164-463.000.

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Gilker, Clyde, 4,514,685, Cl. 324-142.000.

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Johnson, Benjamin M., 4,524,728, Cl. 122-459.000.

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Park, Dong-Sil; and Zabala, Robert J., 4,518,624, Cl. 427-34.000.

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Reichman, James M.; O'Hanlon, Thomas A.; and Kendrew, Thomas J., 4,493,379, Cl. 175-57.000.

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Steininger, David A., 4,511,407, Cl. 134-1.000.

- Tassicker, Owen J., 4,525,184, Cl. 55-302.000.
- Zingler, Christian J., 4,557,423, Cl. 242-25.00R.

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- Cordeiro, August V., 4,557,048, Cl. 29-863.000.
- Reynolds, Frederick E., Jr., 4,530,562, Cl. 339-191.00R.

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- Khatri, Dilip K., 4,535,254, Cl. 307-38.000.

Electrical Hardware, Inc.: *See—*
- Judkins, Milton W.; and Williams, Arthur C., 4,560,126, Cl. 248-72.000.

Electricite de France (Service National): *See—*
- Bailleux, Christian; Bernard, Michel; Dupont, Bernard; Lozach, Guy; and Mata, Jean-Pierre, 4,493,917, Cl. 524-394.000.
- Bensadoun, Michel, 4,510,483, Cl. 338-80.000.
- Bordet, Rene, 4,520,600, Cl. 52-83.000.
- Chollet, Christian; and David, Jean, 4,516,425, Cl. 73-198.000.
- Delassus, Jean; and Pierrat, Lambert, 4,557,667, Cl. 417-50.000.
- Delbarre, Jean, 4,542,796, Cl. 175-19.000.
- Fabregue, Jean-Pierre, 4,515,748, Cl. 376-250.000.
- Marino, Jean-Claude; Marquet, Andre; and Wetzel, Philippe, 4,561,306, Cl. 73-432.00R.
- Picard, Gerard; Flament, Thierry; Tremillon, Bernard; Saint-Paul, Pierre; and Spiteri, Pierre, 4,559,993, Cl. 165-1.000.
- Pichot, Jacky; and Oddou, Jacques, 4,542,849, Cl. 236-1.0EB.

Electricity Council, The: *See—*
- Aubrey, David R.; and Kearley, Stephen J., 4,553,188, Cl. 361-115.000.
- Lloyd, Harold; and Slinn, David S. L., 4,514,607, Cl. 200-150.00A.

Electro-Biology, Inc.: *See—*
- Pescatore, Eugene A., 4,501,265, Cl. 128-1.500.
- Talish, Roger J.; and Banko, Victor F., 4,550,714, Cl. 128-1.500.

Electro-Craft Corporation: *See—*
- Razavi, Sa[illegible]d M., 4,498,037, Cl. 318-561.000.

Electro-Flow Controls, Inc.: *See—*
- Smith, George E., 4,522,068, Cl. 73-32.00A.

Electro-Hydraulic Controls, Inc.: *See—*
- Presley, Glen T.; and Lautzenhiser, Lloyd L., 4,510,963, Cl. 137-117.000.

Electro-Magic, Inc.: *See—*
- Hardy, Brian E.; and Sealey, Harold D., 4,557,323, Cl. 165-163.000.

Electro Materials Corp. of America: *See—*
- Martin, F. Wayne; Shahbazi, Samson; and Schoonejongen, Ronald J., 4,535,012, Cl. 427-386.000.

Electro-Matic Products Co.: *See—*
- Littwin, Kenneth M.; and Buky, Gabriel R., 4,542,909, Cl. 280-79.10A.

Electro-Matic Staplers, Inc.: *See—*
- Weigert, Hans, 4,556,803, Cl. 307-140.000.

Electro Medical Systems, S.A.: *See—*
- Mabille, Pierre, 4,492,575, Cl. 433-88.000.

Electro-Nite Co.: *See—*
- Cassidy, John E.; and Jones, L. Raymond, Jr., 4,515,485, Cl. 374-157.000.
- Plessers, Jacques J.; and Theuwis, Alfons L., 4,557,152, Cl. 73-864.550.

Electro-Nucleonics, Inc.: *See—*
- Woodbridge, J. Eliot; Bulbenko, George F.; and Marshall, J. John, 4,550,077, Cl. 435-22.000.

Electro-Petroleum, Inc.: *See—*
- Titus, Charles H.; Wittle, John K.; and Bell, Christy W., 4,495,990, Cl. 166-65.00R.
- Titus, Charles H.; and Wittle, John K., 4,516,608, Cl. 138-140.000.

Electro Scientific Industries, Inc.: *See—*
- Johnson, Joel C., 4,558,926, Cl. 350-373.000.

Electro-Sound, Inc.: *See—*
- Rehklau, George D.; Cotterill, Lee A.; and Langevin, Robert Z., 4,512,527, Cl. 242-56.00R.

Electro-Voice, Incorporated: *See—*
- Bryson, Michael, 4,547,632, Cl. 179-115.5VC.
- Frye, Kent, 4,525,604, Cl. 179-115.50H.

Electrochem International, Inc.: *See—*
- Horn, Richard E.; and Rodeheaver, Bradley D., 4,525,259, Cl. 204-182.400.
- Horn, Richard E., 4,549,946, Cl. 204-182.400.

Electrochemische Energieconversie N.V.: *See—*
- Blanchart, Alain P. O.; and Adriaensen, Ludovicus C. M., 4,536,272, Cl. 204-294.000.

Electrodyne Research Corporation: *See—*
- Strohmeyer, Charles, Jr., 4,505,209, Cl. 110-245.000.
- Strohmeyer, Charles, Jr., 4,506,608, Cl. 110-245.000.

Electrohome Limited: *See—*
- Desjardins, Francois G., 4,510,432, Cl. 320-1.000.

Electroline Manufacturing Company: *See—*
- Elinsky, Howard S., 4,511,047, Cl. 211-90.000.

Electrolux Corporation: *See—*
- Medwed, Peter M., 4,521,936, Cl. 15-377.000.
- Ritzau, William P.; Casselli, Aveo J.; and Fleischer, Gene S., 4,494,270, Cl. 15-377.000.

Electrolytic Zinc Company of Australasia Limited: *See—*
- Matthew, Ian G.; Pammenter, Robert V.; and Kershaw, Mervyn G., 4,515,696, Cl. 210-713.000.

Electromation, Inc.: *See—*
- Myers, Michael J., 4,529,953, Cl. 335-126.000.

Electromechanical Research Laboratories, Inc.: *See—*
- Wilkins, Larry C., 4,525,931, Cl. 33-147.00T.

Electromotive, Inc.: *See—*
- Long, Alexander, 4,494,509, Cl. 123-416.000.

Electron Beam Corporation: *See—*
- Livesay, William R., 4,528,452, Cl. 250-491.100.
- Longamore, Robert G., 4,495,966, Cl. 137-614.010.

Electronic Concepts, Inc.: *See—*
- Lavene, Bernard, 4,516,187, Cl. 361-309.000.
- Lavene, Bernard, 4,538,205, Cl. 361-308.000.
- Lavene, Bernard, 4,547,832, Cl. 361-307.000.

Electronic Data Systems Corporation: *See—*
- Sheets, Duane R., 4,513,373, Cl. 364-200.000.

Electronic Designs (I.W.) Limited: *See—*
- Taylor, Andrew J.; and McGillvray, Philip J., 4,549,127, Cl. 320-21.000.

Electronic Processors, Inc.: *See—*
- Lynch, Donald F., 4,553,178, Cl. 360-45.000.
- Platter, Sanford; Durand, Charles A.; and Gadsby, Larry R., 4,555,077, Cl. 242-198.000.

Electronic Solutions: *See—*
- Shah, Satish C., 4,531,640, Cl. 211-41.000.

Electronic Specialists: *See—*
- Stifter, Francis J., 4,500,853, Cl. 331-18.000.

Electronic Systems International, Inc.: *See—*
- Evans, Wayne W., 4,504,778, Cl. 323-323.000.

Electronics Corporation of Israel Ltd.: *See—*
- Henquin, Teodor; and Ben Zeev, Ya'acov, 4,506,359, Cl. 370-81.000.
- Piasecki, Joshua; Zelinkovsky, Reuven; Segev, Aharon; and Henquin, Teodor, 4,523,309, Cl. 370-81.000.

Electronique Marcel Dassault: *See—*
- Geesen, Michel, 4,499,589, Cl. 377-55.000.
- Glize, Jean-Pierre; and Gaucher, Michel M., 4,501,958, Cl. 235-382.000.
- Mayoux, Jean-Jacques, 4,494,241, Cl. 375-76.000.

Electronique Serge Dassault: *See—*
- Gaucher, Michel M. G., 4,537,125, Cl. 101-93.040.
- le Goff, Yves, 4,541,141, Cl. 15-302.000.
- Pailler, Alain L. N., 4,556,334, Cl. 400-124.000.

Electronova S.A.: *See—*
- Spengler, Walter, 4,539,908, Cl. 101-426.000.

Electrophysics Corporation: *See—*
- Lindner, Robert W.; and Vallese, Lucio M., deceased, 4,539,589, Cl. 358-113.000.

Electrostatic Equipment Corp.: *See—*
- Hajek, Bedrich, 4,517,219, Cl. 427-8.000.

Electrotechnik-Apparatebau Peter Schmitz: *See—*
- Sachse, Christian, 4,497,016, Cl. 362-294.000.

Electrovac Fabrikation Elektrotechnischer Spezialartikel Gesellschaft mbH: *See—*
- Bayer, Helmut, 4,544,831, Cl. 219-449.000.
- Bayer, Helmut, 4,554,525, Cl. 337-356.000.
- Bayer, Helmut, 4,555,688, Cl. 337-394.000.

Electrovert Ltd.: *See—*
- Down, William H., 4,530,457, Cl. 228-180.200.

Elek, Demeter: *See—*
- Apetrei, Constantin; Nitigus, Victor; Elek, Demeter; Radulescu, Marian; and Sachelaire, Toma, 4,496,864, Cl. 310-77.000.

Elekes, Andras: *See—*
- Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, 4,547,098, Cl. 405-291.000.

Elektro-Physik & Erich Steingroever: *See—*
- Caspers, Friedhelm, 4,492,915, Cl. 324-58.50R.

Elektro Physik Hans Nix & Dr. Erich Steingroever: *See—*
- Rohde, Thomas; and Caspers, Friedhelm, 4,520,308, Cl. 324-58.50R.

Elektro-Thermit GmbH: *See—*
- Guntermann, Hans; and Skreba, Gerhard, 4,522,322, Cl. 222-597.000.

Elektroschmelzwerk Kempten GmbH: *See—*
- Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, 4,495,123, Cl. 264-69.000.
- Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, 4,528,120, Cl. 252-516.000.
- Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, 4,560,668, Cl. 501-92.000.
- Schwetz, Karl A.; Reinmuth, Klaus; Hunold, Klaus; and Isemann, Franz, 4,524,138, Cl. 501-90.000.

Elepano, Normita P.; Schnur, William H.; and Jorgensen, Jens L., to Minnesota Mining and Manufacturing Company. Aqueous skin cleaner composition comprising propylene carbonate. 4,508,634, 4-2-85, Cl. 252-163.000.

Elephant Industries, Inc.: *See—*
- Schosek, William O., 4,492,133, Cl. 81-57.300.
- Schosek, William O., 4,492,274, Cl. 175-19.000.

Elermetal: *See—*
- Muller, Roger, 4,523,446, Cl. 72-71.000.

Elert, Karl, to Stroh Brewery Company, The. Apparatus for pressure testing of can bodies and lids. 4,555,935, 12-3-85, Cl. 73-52.000.

Elesa S.p.A.: *See—*
- Bertani, Alberto; Mariani, Piercarlo; and Lissoni, Davide, 4,552,034, Cl. 74-547.000.

Elesh, James N., to Flexi-Mat Corporation. Nylon or polyester treated fabric for bedding. 4,525,409, 6-25-85, Cl. 428-193.000.

Elevator GmbH: *See—*
Halonen, Heino; Hetemaa, Kalevi; and Vainio, Frans, 4,543,026, Cl. 414-352.000.
Makinen, Heimo; and Suur-Askola, Seppo, 4,499,972, Cl. 187-29.00R.
Makinen, Heimo; and Suur-Askola, Seppo, 4,518,062, Cl. 187-29.00R.
Saaksjarvi, Paavo, 4,539,636, Cl. 364-200.000.
Elexpuru, Manuel A., to Coop, Radar S. Regulation and control device for pressure cookers. 4,541,543, 9-17-85, Cl. 220-316.000.
Eley, James M., to Dana Corporation. Low pressure lubrication system for fluid device. 4,553,915, 11-19-85, Cl. 418-102.000.
Elf France: *See—*
Bernard, Jean R.; and Breysse, Michele, 4,493,901, Cl. 502-37.000.
Bousquet, Jacques; and Guguen, Claude, 4,497,703, Cl. 208-111.000.
De Cortanze, Andre, 4,553,622, Cl. 180-227.000.
Denis, Jacques; Sillion, Bernard; Damin, Bernard; and Leger, Robert, 4,511,369, Cl. 44-62.000.
Deschamps, Patrice P. M.; Gallo, Roger; and Grangette, Henri, 4,536,594, Cl. 562-400.000.
Durand, Jean-Pierre; Dawans, Francois; Damin, Bernard; and Leger, Robert, 4,503,182, Cl. 524-474.000.
Gourlia, Jean-Paul; Jacob, Philippe; and Jamen, Robert, 4,525,244, Cl. 203-26.000.
Grangette, Henri; Constans, Bernard; and Maldonado, Paul, 4,543,195, Cl. 252-33.400.
Negre, Guy; and Fayard, Jean-Claude, 4,506,636, Cl. 123-190.00A.
Elfab Corporation: *See—*
Ammon, J. Preston; Weaver, Harry R.; and Evans, Evan J., 4,506,438, Cl. 29-739.000.
Evans, Evan, 4,503,608, Cl. 29-839.000.
Elfen, Adolf: *See—*
Grimm, Rainer; and Elfen, Adolf, 4,536,829, Cl. 362-74.000.
Elfes, Vean: *See—*
Schiedegger, Charles E.; and Elfes, Vean, 4,524,096, Cl. 428-68.000.
Elfin Corporation: *See—*
Kruesi, August H., 4,494,436, Cl. 87-23.000.
Elfverson, Sven E.: *See—*
Nilsson, Sten E.; and Elfverson, Sven E., 4,519,302, Cl. 98-2.080.
Elgas, Roger J.; and Gordon, Timothy M., to Cobe Laboratories, Inc. Fitting for corrugated tube. 4,519,393, 5-28-85, Cl. 128-400.000.
Elger, Walter: *See—*
Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
Skuballa, Werner; Raduechel, Bernd; Schwarz, Norbert; Vorbrueggen, Helmut; Elger, Walter; Loge, Olaf; and Town, Michael-Harold, 4,560,786, Cl. 560-55.000.
Elggren, Richard W., to Exact-1-Dent, Incorporated. Human identification system. 4,557,693, 12-10-85, Cl. 433-229.000.
El-Hag, Nabil A.; Cochran, Stuart A.; Schwabe, Kenneth R.; Carricato, Louis; and Shanbhag, Sudhakar P., to General Foods Corporation. Process for preparing frozen par-fried potatoes. 4,551,340, 11-5-85, Cl. 426-437.000.
Elhaus, Friedrich W. Conveying means for extrusion profiles. 4,507,950, 4-2-85, Cl. 72-257.000.
Elhaus, Friedrich W. Method and an apparatus for shearing heated metal bars to billets. 4,526,073, 7-2-85, Cl. 83-15.000.
Elhaus, Friedrich W. Preheating furnace for elongated material. 4,541,799, 9-17-85, Cl. 432-177.000.
Elhaus, Friedrich W. Apparatus for severing extruded light sectional members. 4,554,851, 11-26-85, Cl. 83-213.000.
Eli Lilly and Company: *See—*
Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., 4,524,135, Cl. 435-69.000.
Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., 4,537,717, Cl. 260-112.50R.
Ades, Edwin W.; and Cullinan, George J., 4,522,750, Cl. 260-112.00R.
Akers, Michael J.; Hargrove, William W.; Harris, Dale C.; and Sperry, Charles R., 4,534,758, Cl. 604-85.000.
Anderson, Marie T.; Michel, Karl H.; and Sands, Thomas H., 4,537,777, Cl. 514-521.000.
Bach, Nicholas J.; Kornfeld, Edmund C.; and Titus, Robert D., 4,500,545, Cl. 514-619.000.
Baltz, Richard H.; Wild, Gene M.; and Seno, Eugene T. 4,537,957, Cl. 336-7.100.
Barton, Russell L.; Briggs, Stephen L.; and Koppel, Gary A., 4,501,703, Cl. 260-455.00R.
Barton, Russell L.; Briggs, Stephen L.; and Koppel, Gary A., 4,537,727, Cl. 260-455.00R.
Beck, James R.; Gajewski, Robert P.; and Hackler, Ronald E., 4,495,195, Cl. 514-406.000.
Beck, James R.; Gajewski, Robert P.; and Hackler, Ronald E., 4,544,752, Cl. 548-214.000.
Bjerregaard, Richard S., 4,537,333, Cl. 222-345.000.
Blaszczak, Larry C.; Kukolja, Stjepan; and Turner, Jan R., 4,492,693, Cl. 424-246.000.
Blaszczak, Larry C.; and Turner, Jan R., 4,492,694, Cl. 424-246.000.
Boeck, LaVerne D.; Clem, Gladys M.; Hershberger, Charles L.; Anderson, Marie T.; and Michel, Karl H., 4,537,715, Cl. 260-112.50R.
Boeck, LaVerne D.; Marconi, Gary G.; and Hoehn, Marvin M., 4,558,008, Cl. 435-75.000.
Boeck, LaVerne D.; Hoehn, Marvin M.; and Marconi, Gary G., 4,558,009, Cl. 435-75.000.
Bollinger, David E.; and McCormick, Samuel L., 4,543,138, Cl. 156-69.000.
Booher, Richard N.; and Kornfeld, Edmund C., 4,552,956, Cl. 544-101.000.
Brier, Gordon L., 4,552,763, Cl. 424-114.000.
Buddenbaum, Harry C.; and Robison, Robert L., 4,533,542, Cl. 424-31.000.
Burow, Kenneth W., Jr., 4,500,343, Cl. 71-76.000.
Burow, Kenneth W., Jr., 4,515,625, Cl. 71-92.000.
Cannon, William N., 4,501,608, Cl. 71-121.000.
Chou, Ta-Sen; and Heath, Perry C., 4,525,587, Cl. 544-025.000.
Chou, Ta-Sen, 4,537,959, Cl. 544-025.000.
Cohen, Marlene L., 4,520,024, Cl. 514-255.000.
Conrad, Preston C.; and Jarmas, Alvydas A., 4,540,779, Cl. 544-24.000.
Cooper, Robin D. G., 4,518,531, Cl. 260-245.400.
Dangerfield, Danny E.; and Jarvis, James A., 4,558,783, Cl. 206-472.000.
Debono, Manuel, 4,497,8[illegible], Cl. 514-8.000.
Fayerman, Jeffrey T.; and Richardson, Mark A., 4,513,086, Cl. 435-317.000.
Fleisch, Jerome H.; Marshall, Winston S.; and Cullinan, George J., 4,492,704, Cl. 424-269.000.
Foreman, Mark M., 4,521,421, Cl. 514-267.000.
Gallick-Whitaker, Nancy G., 4,525,584, Cl. 536-24.000.
Gallick-Whitaker, Nancy G., 4,537,965, Cl. 546-82.000.
Gesellchen, Paul D.; and Shuman, Robert T., 4,510,082, Cl. 260-112.50R.
Graves, Bernard J.; and Kukolja, Stjepan, 4,501,741, Cl. 514-202.000.
Greene, James M.; Lavagnino, Edward R.; Pike, Andrew J.; and Taylor, Edward C., 4,552,967, Cl. 546-307.000.
Hall, David A.; and Spitzer, Wayne A., 4,525,304, Cl. 260-245.400.
Hall, David A., 4,537,720, Cl. 260-239.00A.
Hamill, Robert L.; and Kastner, Ralph E., 4,537,879, Cl. 514-9.000.
Hatfield, Lowell D., 4,502,988, Cl. 260-239.100.
Hershberger, Charles L.; Radue, Anna K.; and Rosteck, Paul R., Jr., 4,506,013, Cl. 435-172.300.
Hershberger, Charles L.; and Rosteck, Paul R., Jr., 4,530,904, Cl. 435-172.300.
Hertel, Larry W., 4,526,988, Cl. 549-313.000.
Higgins, Harvey M., Jr.; Merkel, Kurt E.; and McCormick, Mack H., 4,548,925, Cl. 514-10.000.
Hirsch, Kenneth S.; Jones, Charles D.; Taylor, Harold M.; and Winter, Mark A., 4,560,695, Cl. 514-372.000.
Ho, Peter P. K.; and Soper, Quentin F., 4,552,891, Cl. 514-443.000.
Hoehn, Marvin M.; and Marconi, Gary G., 4,495,179, Cl. 514-9.000.
Ingolia, Thomas D., 4,559,302, Cl. 435-172.300.
Johnson, Ronald D.; Kastner, Ralph E.; and Boeck, LaVerne D., 4,560,509, Cl. 260-239.30P.
Koppel, Gary A.; Barton, Russell L.; Bewley, Jesse R.; Briggs, Stephen L.; and Parton, Joseph W., 4,552,888, Cl. 514-474.000.
Koppel, Gary A.; Barton, Russell L.; and Briggs, Stephen L., 4,552,895, Cl. 514-470.000.
Kovacevic, Steven; Fayerman, Jeffrey T.; Miller, James R.; and Richardson, Mark A., 4,559,300, Cl. 435-68.000.
Krumkalns, Eriks V., 4,501,746, Cl. 514-357.000.
Krumkalns, Eriks V.; and Smiley, David L., 4,552,886, Cl. 514-342.000.
Krumkalns, Eriks V.; and Smiley, David L., 4,552,960, Cl. 544-336.000.
Lacefield, William B.; and Lindstrom, Terry D., 4,508,735, Cl. 514-616.000.
Lacefield, William B.; and Pfeifer, William, 4,552,982, Cl. 564-164.000.
Lunn, William H. W.; and Vasileff, Robert T., 4,501,739, Cl. 514-203.000.
Lunn, William H. W., 4,503,052, Cl. 514-210.000.
Matsumoto, Ken; and Ward, John S., 4,495,202, Cl. 514-721.000.
Matsumoto, Ken, 4,500,533, Cl. 514-256.000.
Matsumoto, Ken; and Ward, John S., 4,533,666, Cl. 514-277.000.
McKnight, Hugh P.; Welty, Kenneth B.; and Dinius, Harold B., 4,500,247, Cl. 414-416.000.
McShane, Lawrence J., 4,515,719, Cl. 260-239.00A.
McShane, Lawrence J., 4,558,123, Cl. 544-16.000.
Merkel, Kurt E., 4,547,488, Cl. 514-10.000.
Merkel, Kurt E., 4,558,036, Cl. 514-9.000.
Michel, Karl H.; and Kastner, Ralph E., 4,492,650, Cl. 260-112.50R.
Michel, Karl H.; and Kastner, Ralph E., 4,537,770, Cl. 424-118.000.
Michel, Karl H., 4,548,924, Cl. 514-10.000.
Michel, Karl H.; and Kastner, Ralph E., 4,559,323, Cl. 514-9.000.
Miesel, John L., 4,508,722, Cl. 514-353.000.
Miller, James R.; Fayerman, Jeffrey T.; Kovacevic, Steven; and Beerman, Nancy E., 4,503,155, Cl. 435-172.300.
Molloy, Bryan B.; and Steinberg, Mitchell I., 4,528,177, Cl. 424-1.100.
Molloy, R. Michael; and Debono, Manuel, 4,504,467, Cl. 424-118.000.
Mynderse, Jon S.; and O'Connor, Sean C., 4,508,901, Cl. 546-112.000.
Nagarajan, Ramakrishnan; and Schabel, Amelia A., 4,552,701, Cl. 260-112.50R.
Nakatsukasa, Walter M.; and Mabe, James A., 4,513,085, Cl. 435-253.000.

  - Nichols, Cynthia L.; and Kornfeld, Edmund C., 4,501,890, Cl. 514-267.000.
  - Nichols, Cynthia L.; Kornfeld, Edmund C.; and Schaus, John M., 4,507,478, Cl. 544-250.000.
  - Robertson, David W., 4,515,796, Cl. 514-303.000.
  - Robertson, David W., 4,533,670, Cl. 514-399.000.
  - Robertson, David W., 4,533,734, Cl. 514-303.000.
  - Rolski, Stanislaw; and Pfeiffer, Ralph R., 4,558,053, Cl. 514-283.000.
  - Ryan, Charles W.; and Slomski, Bruce A., 4,501,921, Cl. 564-99.000.
  - Schaus, John M., 4,537,964, Cl. 544-250.000.
  - Schaus, John M., 4,540,787, Cl. 546-164.000.
  - Scott, William L., 4,552,889, Cl. 514-424.000.
  - Shreve, Barbara B.; and Turner, Jan R., 4,522,919, Cl. 435-119.000.
  - Spitzer, Wayne A., 4,492,708, Cl. 424-273.00B.
  - Spitzer, Wayne A.; and Goodson, Theodore, Jr., 4,500,456, Cl. 260-239.00A.
  - Spitzer, Wayne A., 4,537,889, Cl. 514-243.000.
  - Spry, Douglas O.; and Spitzer, Wayne A., 4,521,598, Cl. 544-16.000.
  - Spry, Douglas O., 4,533,497, Cl. 260-239.00A.
  - Spry, Douglas O., 4,560,749, Cl. 544-16.000.
  - Titus, Robert D.; and Kornfeld, Edmund C., 4,537,893, Cl. 514-293.000.
  - Turner, Jan R.; Krupinski, Veronica M.; Fukuda, David S.; and Baltz, Richard H., 4,559,301, Cl. 435-76.000.
  - Ward, John S.; and Jones, C. David, 4,522,758, Cl. 260-397.500.
  - Wheeler, William J., 4,514,564, Cl. 544-25.000.
  - Wild, Gene M., 4,528,369, Cl. 536-7.100.
  - Wong, David T.; and Lacefield, William B., 4,513,135, Cl. 544-120.000.
  - Wong, David T.; and Foreman, Mark M., 4,528,290, Cl. 514-293.000.
  - Wright, Ian G., 4,539,422, Cl. 560-155.000.
  - Zimmerman, Ronald E.; Burck, Philip J.; Jones, C. David; and Thakkar, Arvind L., 4,493,699, Cl. 604-55.000.
- Elias, Anthony J., to Spurway Cooke Industries Pty., Ltd. Blind-rivet setting tool. 4,546,637, 10-15-85, Cl. 72-391.000.
- Elias, Charles R. Adjustable speed drive utilizing radially movable hollow pistons which act on a cam surface. 4,518,069, 5-21-85, Cl. 192-60.000.
- Elias, Moenes L.; and Burger, Walter L., to Plastic Specialties and Technologies, Inc. Dissolution of metals utilizing tungsten-diol combinations. 4,522,683, 6-11-85, Cl. 156-666.000.
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- Elias, Richard C., to PPG Industries, Inc. Method for reducing temperature rise of heat sensitive substrates. 4,546,045, 10-8-85, Cl. 428-424.600.
- Elias, Ronald J., to Fleer Corporation. Method for preparing aerated gum confection. 4,491,596, 1-1-85, Cl. 426-5.000.
- El-Ibiary, Yehia M.: *See—*
  - Delmege, Arthur H.; El-Ibiary, Yehia M.; Rode, Melvin A.; and Taplin, Lael B., 4,502,109, Cl. 364-174.000.
- Elijah, Jerry D. Control system for combine header. 4,541,229, 9-17-85, Cl. 56-10.200.
- Elin Union AG: *See—*
  - Felber, Willibald, 4,549,817, Cl. 374-152.000.
- Elings, Virgil B.; and Nicoli, David F. Apparatus and method for homogeneous immunoassay. 4,537,861, 8-27-85, Cl. 436-518.000.
- Elinsky, Howard S., to Electroline Manufacturing Company. Product display and storage shelf system. 4,511,047, 4-16-85, Cl. 211-90.000.
- Elint Corporation: *See—*
  - Charlot, Lincoln H., 4,520,362, Cl. 343-361.000.
- Elio Cavagna s.r.l.: *See—*
  - Cavagna, Elio, 4,540,394, Cl. 493-365.000.
- Elion, Glenn R., to Aetna Telecommunications Laboratories. Optical fiber protection by powder filled coatings. 4,525,026, 6-25-85, Cl. 350-96.230.
- Elionix, Inc.: *See—*
  - Suganuma, Tadao, 4,554,452, Cl. 250-310.000.
- Elischer, Stefan; Hobel, Hans-Gunther; Merkt, Robert; and Wagner, Fritz, to SKW Trostberg Aktiengesellschaft. Process for obtaining solid cyanuric chloride in finely divided form. 4,535,160, 8-13-85, Cl. 544-191.000.
- Eliscu, Steven M.: *See—*
  - Bernard, Francis S.; Eliscu, Steven M.; and Batterman, Eric P., 4,494,214, Cl. 364-724.000.
- Elitex, koncern textilniho strojirenstvi: *See—*
  - Kase, Oldrich; and Loucansky, Stanislav, 4,542,620, Cl. 57-302.000.
  - Pavek, Miloslav, 4,498,279, Cl. 57-22.000.
  - Pavek, Miloslav; and Hlubucek, Ladislav, 4,498,280, Cl. 57-22.000.
  - Svaty, Vladimir; and Sevcik, Ladislav, 4,494,577, Cl. 139-20.000.
- Elizondo, Roberto S. Checker or chess game board with rotatable strips. 4,546,981, 10-15-85, Cl. 273-260.000.
- Elk Corporation: *See—*
  - Freshwater, John G.; and Malmquist, Alfred B., 4,559,267, Cl. 428-352.000.
- Elka, Shmuel: *See—*
  - Satran, Amir; and Elka, Shmuel, 4,533,283, Cl. 407-111.000.
- El Kadiri Cherkaoui el Moursli, Fouzia: *See—*
  - Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,505,997, Cl. 429-192.000.
  - Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,542,081, Cl. 429-192.000.
  - Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,556,616, Cl. 429-192.000.
- Elkay Manufacturing Company: *See—*
  - Farrell, Gerald J.; and Bisonaya, Rudy Y., 4,552,171, Cl. 137-359.000.
- Elkem a/s: *See—*
  - Andersen, Einar; and Boe, Gunnar H., 4,552,632, Cl. 204-107.000.
  - Bruff, William; de Santana, Geraldo S.; and de Oliveira, David G., 4,527,329, Cl. 29-825.000.
  - Butcher, Anthony V.; and Hatt, Brian W., 4,539,124, Cl. 252-28.000.
  - Evensen, Knut, 4,543,656, Cl. 373-101.000.
  - Halvorsen, Gunnar, 4,539,194, Cl. 423-348.000.
  - Hyggen, Egil E., 4,549,591, Cl. 152-218.000.
  - Krogsrud, Harald, 4,526,224, Cl. 165-1.000.
  - Krogsrud, Harald, 4,537,551, Cl. 414-199.000.
  - Krogsrud, Harald, 4,541,991, Cl. 422-269.000.
  - Sandvik, Johannes, 4,515,329, Cl. 242-157.100.
- Elkem Chemicals, Inc.: *See—*
  - Myhren, Jan; and Gitlestad, Svein E., 4,526,678, Cl. 209-2.000.
- Elkem Metals Company: *See—*
  - Bilek, Paul J.; Flinn, Richard A.; McCluhan, Thomas K.; and Trojan, Paul K., 4,545,817, Cl. 75-123.00E.
  - Bortnik, John F.; Clayman, Donald A.; and Baker, Scott A., 4,491,568, Cl. 423-442.000.
  - Wells, James E., III, 4,519,838, Cl. 75-129.000.
  - Wright, Dennis C.; and Camodeca, Ernest J., 4,509,717, Cl. 251-144.000.
- Elkerbout, Marten F.; and Kloosterhof, Leonardus P. A., to U.S. Philips Corporation. Kitchen machine. 4,544,278, 10-1-85, Cl. 366-129.000.
- Elkhart Machine & Tool Co., Inc.: *See—*
  - Barfell, Don L., 4,518,139, Cl. 248-418.000.
  - Gorsuch, Ralph E., 4,544,991, Cl. 362-81.000.
- Elkin, Luther V. Concrete mixing and distribution equipment. 4,556,323, 12-3-85, Cl. 366-31.000.
- Elkin, Mikhail Y.: *See—*
  - Eystratov, Vitaly A.; Elkin, Mikhail Y.; Danilenko, Viktor Y.; Stepunin, Ivan M.; Tsenta, Nikolai E.; Rud, Sergei A.; and Belferman, Leonid M., 4,494,448, Cl. 92-172.000.
- Elkins, Carol M. Decorative bathtub. 4,535,489, 8-20-85, Cl. 4-546.000.
- Elkins, Hubert L.: *See—*
  - Burton, James A.; Elkins, Hubert L.; and Goodhart, Milton E., 4,558,750, Cl. 175-61.000.
- Elkins, Jack L.: *See—*
  - Wright, John W.; and Elkins, Jack L., 4,557,681, Cl. 425-62.000.
- Elkins, Johnny C. Unitary rack with latch means. 4,495,735, 1-29-85, Cl. 52-27.000.
- Elkins, Marvin: *See—*
  - Smith, Dwight, 4,545,481, Cl. 206-219.000.
- Elkus, Eugene S.: *See—*
  - Sidline, George B., 4,513,199, Cl. 235-449.000.
- Ellar B.M.: *See—*
  - Larom, Dov; and Shahar, Gabriel, 4,559,912, Cl. 123-350.000.
- Elledge, Jefferson D. Multiple fuel carburetor. 4,524,033, 6-18-85, Cl. 261-18.00B.
- Ellefson, Dennis B. Rotatable workpiece holding apparatus. 4,491,307, 1-1-85, Cl. 269-55.000.
- Ellefson, Ronald H.: *See—*
  - Clark, Lonel L.; and Ellefson, Ronald H., 4,546,674, Cl. 76-107.00R.
- Elleman, Daniel D.: *See—*
  - Rhim, Won-Kyu; Saffren, Melvin M.; and Elleman, Daniel D., 4,521,854, Cl. 364-400.000.
- Ellenbaum, Frank H.; and Ciesco, Richard, to International Minerals & Chemical Corp. Agglomerates containing olivine. 4,518,428, 5-21-85, Cl. 75-257.000.
- Ellenberger, Charles E.; Bower, George L.; and Snow, William R., to Pacific Western Systems, Inc. Independently variably controlled pulsed R.F. plasma chemical vapor processing. 4,500,563, 2-19-85, Cl. 427-38.000.
- Ellenberger & Poensgen GmbH: *See—*
  - Krasser, Fritz; and Kinner, Josef, 4,516,098, Cl. 335-35.000.
  - Krasser, Fritz; and Peter, Josef, 4,540,864, Cl. 200-302.200.
- Ellert, Roger H., to B-Bar-B, Inc. Machine and method for filling flexible containers. 4,510,737, 4-16-85, Cl. 53-570.000.
- Ellett, Kenneth W.; and Glutz, Peter, to Small Precision Tools, Inc. Protection of semiconductor wire bonding capillary from spark erosion. 4,513,190, 4-23-85, Cl. 219-56.210.
- Ellicott Machine Corporation: *See—*
  - Little, Charles D., 4,547,162, Cl. 440-36.000.
- Elliesen, Wolfgang, to Joh. Friedrich Behrens AG. Sound-dampened driving apparatus for fasteners. 4,509,669, 4-9-85, Cl. 227-130.000.
- Ellingson, David I.; and Wilson, James D., to Maytag Company, The. Control system for an access door. 4,510,777, 4-16-85, Cl. 68-12.00R
- Ellingson, David I.: *See—*
  - Cotton, Curran D.; Ellingson, David I.; Noe, William J.; and Wilson, James D., 4,531,387, Cl. 68-3.00R.
- Ellingson, Robert T., to Reese Enterprises, Inc. Glazing bead structure. 4,537,002, 8-27-85, Cl. 52-403.000.
- Ellingsworth, John R.: *See—*
  - Blackburn, Linda B.; and Ellingsworth, John R., 4,535,636, Cl. 73-831.000.

Ellington, Rex T., to Occidental Oil Shale, Inc. In situ oil shale retort with controlled permeability for uniform flow. 4,552,409, 11-12-85, Cl. 299-2.000.

Ellington, Thomas S., IV: *See—*
- Banks, Edward L.; Ellington, Thomas S., IV; and Kuyel, Birol, 4,499,162, Cl. 430-5.000.
- Banks, Edward L.; Ellington, Thomas S., IV; and Zavecz, Terrence E., 4,529,299, Cl. 355-55.000.
- Banks, Edward L.; Ellington, Thomas S., IV; and Zavecz, Terrence E., 4,537,498, Cl. 355-55.000.

Ellion, M. Edmund; and Donatelli, Philip A., to Hughes Aircraft Company. Hydrazine thruster. 4,490,972, 1-1-85, Cl. 60-39.462.

Elliot, Robert B. Vibratory roller with axially spaced zig zag impact bars and wire rope cleaners. 4,523,873, 6-18-85, Cl. 404-124.000.

Elliott, Alwyn, to Moler Products Limited. Manufacture of highly porous refractory material. 4,508,667, 4-2-85, Cl. 264-13.000.

Elliott, Charles T.; White, Anthony M.; and Field, Howard J., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Method of biasing a photoconductive detector and detector apparatus therefor. 4,535,232, 8-13-85, Cl. 250-206.000.

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Elliott, David G., to United States of America, National Aeronautics and Space Administration. Method for driving two-phase turbines with enhanced efficiency. 4,514,137, 4-30-85, Cl. 415-1.000.

Elliott, David G.: *See—*
- Rand, Robert W.; Snow, Harold D.; Elliott, David G.; and Haskins, Glenn M., 4,545,368, Cl. 128-1.300.

Elliott, Donald C.: *See—*
- Breeze, Gerald D.; and Elliott, Donald C., 4,519,013, Cl. 361-384.000.

Elliott, Donald P.; and Halseth, William L., to C. R. Bard, Inc. Air leak detection system for chest fluid collection bottles and blow-out prevention baffle. 4,544,370, 10-1-85, Cl. 604-319.000.

Elliott, Eric R. Seal-free impeller pump for fluids containing abrasive materials or the like. 4,527,947, 7-9-85, Cl. 415-121.00B.

Elliott, Francis J. J., Jr. Drum and cymbals pedals assembly. 4,520,710, 6-4-85, Cl. 84-422.00R.

Elliott, George: *See—*
- Brightman, Barrie; Elliott, George; Lenk, Pedro A.; Shah, Jayantkumar R.; and Stewart, William H., 4,555,595, Cl. 179-18.0ES.

Elliott, Guy R. B.; McDaniel, Milton W.; and Houseman, Barton L. Substantially self-powered fluid turbines. 4,531,593, 7-30-85, Cl. 175-71.000.

Elliott, Guy R. B. Magnesium reduction of uranium oxide. 4,534,792, 8-13-85, Cl. 75-84.10R.

Elliott, Guy R. B. Magnesium reduction of uranium fluoride in molten salts. 4,552,588, 11-12-85, Cl. 75-84.400.

Elliott, Harry A.; and White, John T., to Garrett Corporation, The. Actuation system for a variable geometry combustor. 4,497,170, 2-5-85, Cl. 60-39.030.

Elliott, Henry H.; Lepovitz, Lawrence R.; and Jones, Dale G., to Emcotek. Method for metal halide removal. 4,544,379, 10-1-85, Cl. 55-71.000.

Elliott, Henry H., to General Electric Company. Waste disposal process. 4,549,985, 10-29-85, Cl. 252-631.000.

Elliott, James J. Hanger for potted plants. 4,506,475, 3-26-85, Cl. 47-67.000.

Elliott, James J. Ornamental fixture for suspending potted plants. 4,524,542, 6-25-85, Cl. 47-67.000.

Elliott, James O.: *See—*
- Johnson, Lynville G.; and Elliott, James O., 4,547,716, Cl. 318-443.000.

Elliott, John Q., to Arkansas Medical Research & Development Corporation. Skin tumor removal and healing compositions and processes. 4,515,779, 5-7-85, Cl. 424-145.000.

Elliott, Jon S. Twist clip. 4,497,091, 2-5-85, Cl. 24-67.900.

Elliott, Joseph W.: *See—*
- Atkinson, Robert W.; Elliott, Joseph W.; and Johnson, Donald W., 4,519,385, Cl. 128-66.000.

Elliott, Judith D. Margin stripper. 4,529,113, 7-16-85, Cl. 225-1.000.

Elliott, Lee A. Finger ring holder. 4,516,708, 5-14-85, Cl. 224-257.000.

Elliott, Lewis D.: *See—*
- Schanne, Joseph F.; and Elliott, Lewis D., 4,540,974, Cl. 340-347.0AD.

Elliott, Michael; Janes, Norman F.; and Khambay, Bhupinder P. S., to National Research Development Corporation. Pesticides. 4,504,491, 3-12-85, Cl. 514-521.000.

Elliott, Michael; Janes, Norman F.; and Khambay, Bhupinder P. S., to National Research Development Corporation. Pesticides. 4,515,808, 5-7-85, Cl. 514-521.000.

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Elliott, Olin S. Carding apparatus and method. 4,524,492, 6-25-85, Cl. 19-107.000.

Elliott, Richard E. Floating boat dock anchor. 4,493,283, 1-15-85, Cl. 114-263.000.

Elliott, Richard E.; and King, William R., to Phillips Petroleum Company. Particle form evaporation of polymer-liquid mixtures. 4,521,590, 6-4-85, Cl. 528-502.000.

Elliott, Richard I.: *See—*
- Papalexis, Gregory C.; and Elliott, Richard I., 4,497,233, Cl. 83-873.000.
- Papalexis, Gregory C.; and Elliott, Richard I., 4,503,966, Cl. 198-382.000.

Elliott, Richard J., to Charlton Associates. Rigid computer memory disc manufacturing method. 4,517,772, 5-21-85, Cl. 51-281.0SF.

Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., to USM Corporation. Substrate alignment and loading method for a powder reinforcing machine. 4,503,091, 3-5-85, Cl. 427-180.000.

Elliott, Robert D.: *See—*
- Temple, Carroll G.; Montgomery, John A.; and Elliott, Robert D., 4,526,964, Cl. 544-279.000.
- Temple, Carroll G.; Montgomery, John A.; and Elliott, Robert D., 4,536,575, Cl. 544-279.000.
- Temple, Carroll G., Jr.; Montgomery, John A.; Elliott, Robert D.; and Wheeler, Glynn P., 4,511,721, Cl. 546-308.000.

Elliott, Robert E. High pressure valve for positive pressure pumps including means for installing and removing the valve. 4,520,842, 6-4-85, Cl. 137-327.000.

Elliott, Ross W.: *See—*
- Porter, Michael R.; and Elliott, Ross W., 4,521,669, Cl. 219-125.110.

Elliott, Sheldon E.: *See—*
- Tims, Harold A.; Elliott, Sheldon E.; Montgomery, Orin C.; and Doggett, William N., 4,493,063, Cl. 367-77.000.

Elliott, Thomas; and Knecht, Todd, to Elliott, Thomas. Surface removal silo unloaders. 4,533,280, 8-6-85, Cl. 406-57.000.

Elliott Turbomachinery Co., Inc.: *See—*
- Condrac, Edward J., 4,514,643, Cl. 290-40.00C.
- De Choudhury, Pranabesh, 4,553,855, Cl. 384-99.000.
- Miller, Arthur J.; and Moussa, Zaher M., 4,502,838, Cl. 415-202.000.
- Miller, Robert A.; and Condrac, Edward J., 4,548,040, Cl. 60-619.000.
- Starta, Daniel G.; and Hood, Richard W., 4,495,842, Cl. 82-4.00R.

Elliott, William A.: *See—*
- Beatenbough, Charles M.; and Elliott, William A., 4,545,636, Cl. 339-105.000.

Elliott, William J., to Quietlite International Ltd. Solid-state inverter including a multiple core transformer. 4,562,382, 12-31-85, Cl. 315-219.000.

Ellis, Arthur B.; and Streckert, Holger H., to Wisconsin Alumni Research Foundation. Semiconductor electrodes having regions of graded composition exhibiting photoluminescence and electroluminescence. 4,543,511, 9-24-85, Cl. 315-169.300.

Ellis, Arthur B.; and Carpenter, Michael K., to Minnesota Mining and Manufacturing Company. Process of etching semiconductor electrodes. 4,559,116, 12-17-85, Cl. 204-129.300.

Ellis, Billie J. Cold facial applicator. 4,527,565, 7-9-85, Cl. 128-402.000.

Ellis, Bryan E., to SSP Pumps Limited. Positive displacement pumps. 4,511,316, 4-16-85, Cl. 418-150.000.

Ellis, Charles B., to Lennox Industries, Inc. Mechanical means for holding air gaps on bolt-down stators in refrigerant compressors. 4,544,334, 10-1-85, Cl. 417-360.000.

Ellis, Charles S.: *See—*
- Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,550,219, Cl. 174-21.00C.
- Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,556,755, Cl. 174-21.00C.

Ellis, Darwin V., to Schlumberger Technology Corporation. Correction of natural gamma radiation logs for the effects of gamma ray emission from and attenuation by the borehole fluid. 4,542,292, 9-17-85, Cl. 250-256.000.

Ellis, David; Smith, Jeremy G. B.; and Halliday, Pieter S. J., to AECI Limited. Method and means for making an explosive in the form of an emulsion. 4,491,489, 1-1-85, Cl. 149-109.600.

Ellis, David E.: *See—*
- McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., 4,558,451, Cl. 372-89.000.

Ellis, Edward J.; and Salamone, Joseph C., to Polymer Technology Corporation. Abrasive-containing contact lens cleaning materials. 4,534,878, 8-13-85, Cl. 252-173.000.

Ellis Industries, Inc.: *See—*
- Ellis, Lawrence D., 4,553,895, Cl. 414-401.000.

Ellis, J. Nigel; and Ostrobrod, Meyer, to Research & Trading Corporation. Climbing aid and safety descent system. 4,538,703, 9-3-85, Cl. 182-5.000.

Ellis, J. Scott: *See—*
- Lax, Ronald G.; Johnson, Robert G.; Henningsen, Charles G.; and Ellis, J. Scott, 4,514,029, Cl. 339-143.00R.

Ellis, James S.: *See—*
- Harben, Grover S., Jr.; Ellis, James S.; and Emmett, Joe M., 4,538,325, Cl. 17-45.000.

Ellis, John: *See—*
- Murphy, John M.; Spensley, Robert H.; and Ellis, John, 4,558,781, Cl. 206-219.000.

Ellis, John R.: *See—*
- Taylor, Thomas N.; Ellis, John R.; and Hubler, Lawrence C., 4,526,309, Cl. 226-33.000.

Ellis, John R. B.: *See—*
- Platt, James L., Jr.; and Ellis, John R. B., 4,536,973, Cl. 34-182.000.

Ellis, Joseph J., Jr.; and Emerson, Geoffrey A., to International Business Machines Corporation. Data management for plasma display. 4,562,450, 12-31-85, Cl. 340-771.000.

Ellis, Keith O.; and Moore, Alan F., to Eaton Laboratories, Inc. Treating cardiac arrhythmias with dantrolene sodium. 4,543,359, 9-24-85, Cl. 514-390.000.

Ellis, Kenneth J.: *See—*

Vartsky, David; Wielopolski, Lucian; LoMonte, Anthony F.; Ellis, Kenneth J.; and Cohn, Stanton H., 4,556,068, Cl. 128-719.000.

Ellis, Lawrence D., to Ellis Industries, Inc. Truck latch. 4,553,895, 11-19-85, Cl. 414-401.000.

Ellis Margaret D.; Ferencz, Richard L.; and Kalz, Dietmar, to Mobay Chemical Corporation. Process for the direct acetylation of aromatic amines. 4,537,991, 8-27-85, Cl. 564-133.000.

Ellis, Michael F.: *See—*

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Ellis, Paul E., Jr.: *See—*

Hsu, Chao-Yang; Lyons, James E.; and Ellis, Paul E., Jr., 4,524,142, Cl. 502-153.000.

Hsu, Chao-Yang; and Ellis, Paul E., Jr., 4,542,119, Cl. 502-153.000.

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Hsu, Chao-Yang; Lyons, James E.; and Ellis, Paul E., Jr., 4,542,242, Cl. 568-454.000.

Hsu, Chao-Yang; and Ellis, Paul E., Jr., 4,551,559, Cl. 568-454.000.

Ellis, Peter J.: *See—*

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Ellis, Ralph J.; Gurtler, Richard W.; and Sarma, Kalluri R., to Motorola, Inc. Method for semiconductor ribbon-to-ribbon conversion. 4,510,015, 4-9-85, Cl. 156-617.00R.

Ellis, Richard G.; and Alksninis, Audra T., to Eastman Kodak Company. Sheet registration mechanism. 4,561,646, 12-31-85, Cl. 271-236.000.

Ellis, Roland, Jr.; Jacobs, Brian E.; March, Edward J.; and Newman, Raymond J., to AT&T Technologies, Inc. Technique for bonding a chip carrier to a metallized substrate. 4,512,509, 4-23-85, Cl. 228-180.200.

Ellis, Stafford M., to Marconi Avionics Limited. Clamp arrangements. 4,550,836, 11-5-85, Cl. 211-41.000.

Ellis, Timothy A.: *See—*

Dix, Robert M.; Ellis, Timothy A.; and Andrews, Gary W., 4,520,629, Cl. 62-6.000.

Ellis, Wayne F.; Griffin, William R.; and Troutman, Ronald R., to International Business Machines Corporation. CMOS bootstrapped pull up circuit. 4,542,310, 9-17-85, Cl. 307-578.000.

Ellis, William H.; and Wise, Leo C., Jr., to Broadband Engineering, Inc. CATV package designed for underground system use. 4,542,437, 9-17-85, Cl. 361-386.000.

Ellison, Arthur E. Tissue retractor. 4,517,965, 5-21-85, Cl. 128-20.000.

Ellison, Benjamin L. Carburetor. 4,524,034, 6-18-85, Cl. 261-44.00A.

Ellison, Burlan E.; Spranca, Harry P.; and Hooper, Christopher C., to Atlantic Building Systems, Inc. Standing seam roof system. 4,495,743, 1-29-85, Cl. 52-478.000.

Ellison, Edward; and Gruber, Otto R., to New York Telephone Company. Bridging connector assembly and method of using same. 4,548,448, 10-22-85, Cl. 339-17.00C.

Ellison, Joseph E.: *See—*

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Ellison, Richard: *See—*

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Elliston, Thomas L., to Hydra-Rig, Incorporated. Liquid nitrogen pump. 4,494,415, 1-22-85, Cl. 74-44.000.

Ellman, Alan G.: *See—*

Garito, Jon C.; and Ellman, Alan G., 4,504,229, Cl. 433-215.000.

Garito, Jon C.; and Ellman, Alan G., 4,517,975, Cl. 128-303.130.

Ellsworth, Carroll V.; Schultz, Fredrick W.; and Vastag, Harold J., to Gold Bond Ice Cream, Inc. Manufacture of molded frozen confections. 4,530,214, 7-23-85, Cl. 62-71.000.

Ellsworth, James G.: *See—*

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Ellsworth, John C.: *See—*

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Ellsworth, Kenneth A.: *See—*

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Ellsworth, Laurett. Adjustable diaper. 4,548,604, 10-22-85, Cl. 604-399.000.

Ellsworth, Steven R.: *See—*

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Ellsworth, William D. Pneumatic potentiometer. 4,540,026, 9-10-85, Cl. 137-862.000.

Ellwein, Rebecca A. Needlework art form. 4,495,230, 1-22-85, Cl. 428-13.000.

Ellwood, Michael: *See—*

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Elmec Corporation: *See—*

Kameya, Kazuo, 4,507,628, Cl. 333-138.000.

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Elms, Robert T., to North American Philips Lighting Corporation. Apparatus for operating HID lamp at high frequency with high power factor and for providing standby lighting. 4,506,195, 3-19-85, Cl. 315-205.000.

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Hicks, John M.; Engel, Joseph C.; Spreadbury, Robert J.; Elms, Robert T.; and Saletta, Gary F., 4,525,650, Cl. 315-226.000.

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Loring, Dennis J., 4,544,987, Cl. 361-194.000.

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Krohn, Rasmus A. R., 4,548,780, Cl. 264-272.150.

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Skinner, Edward A., 4,518,377, Cl. 493-58.000.

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Bernstein, Joel E., 4,505,896, Cl. 424-164.000.

Eloranta, Vaito K.; Peisach, Joel M.; and Rogers, Donald E., Jr., to Polaroid Corporation. Apparatus for exchanging an intensifying screen and a negative in a film packet. 4,534,053, 8-6-85, Cl. 378-167.000.

Elorza, Ramon H. Apparatus for piloting sailboards. 4,505,216, 3-19-85, Cl. 114-39.000.

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Bindel, Rudolf; and Ruoff, Eugen, 4,500,100, Cl. 277-235.00B.

Sommer, Horst; and Gronle, Hansgeorg, 4,520,068, Cl. 428-324.000.
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Beck, Jeffrey L.; and El-Saie, Ahmed A., 4,557,636, Cl. 406-19.000.
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Johst, Willy; and Elsass, Henrik, 4,523,893, Cl. 417-68.000.
Elsasser, Friedrich, to Witzenmann GmbH Metallschlauch-Fabrik Pforzheim. Support spring blocking structure, and spring-structure combination. 4,542,877, 9-24-85, Cl. 248-561.000.
El-Sayad, Hassan A.; Swaringen, Roy A., Jr.; and Yeowell, David A., to Burroughs Wellcome Co. Method of preparing isomers of bis isoquinolinium compounds. 4,491,665, 1-1-85, Cl. 546-140.000.
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Elscint Ltd.: *See—*
Fenster, Paul; Netter, Zvi; and Shimoni, Yair, 4,555,728, Cl. 358-111.000.
Kamil, Zvi, 4,537,033, Cl. 62-3.000.
Else, George E.; Millward, Cyril; Dixon, Ronald H. T.; and Jorgensen, Knut, to Stanton and Staveley Limited; and A/S Bjolvefossen. Production of cast iron. 4,500,352, 2-19-85, Cl. 75-130.00B.
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Elser, Wilhelm; Huebner, Klaus; Siol, Werner; Mager, Theodor; and Wicke, Michael, to Rohm GmbH. Thickeners and binders forming gels in gasoline. 4,542,171, 9-17-85, Cl. 523-201.000.
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Oppitz, Hans, 4,500,410, Cl. 204-299.00R.
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Eltec Instrument A.G.: *See—*
Keller-Steinbach, Christiane, 4,523,095, Cl. 250-349.000.
Eltech Innovations Inc.: *See—*
Larson, Eldon E., 4,534,449, Cl. 184-105.200.
Eltech Systems Corporation: *See—*
Bannochie, John G., 4,501,803, Cl. 429-101.000.
Barnes, Albert L., 4,528,119, Cl. 252-503.000.
Beer, Henri B.; and Hinden, Jean M., 4,528,084, Cl. 204-290.00F.
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Harney, Marilyn J.; Vauss, Elvin M., Jr.; and Sane, Ajit Y., 4,517,069, Cl. 204-290.00F.
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Katz, Michael; Hinden, Jean; and Gauger, Jurgen, 4,552,857, Cl. 502-101.000.
McCain, G. Howard; Benezra, Leo L.; and Finch, Craig E., 4,535,112, Cl. 524-233.000.
Miller, Thomas M.; Schraff, Raymond J.; and Labas, Nicholas, 4,524,702, Cl. 110-173.00A.
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  - Jones, Donald D., 4,509,626, Cl. 192-85.0AA.
- Elworthy, John H.; and Mayston, Donald, to Protocol Engineering Limited. Making of printing plates. 4,517,036, 5-14-85, Cl. 156-64.000.
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- Ely, George A.: *See—*
  - Chesney, Joseph J., Jr.; Broney, Scott C.; and Ely, George A., 4,556,426, Cl. 106-18.320.
- Ely, Lane O.: *See—*
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  - Guglielmo, Richard J., Sr., 4,554,092, Cl. 252-400.00R.
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  - Andreasson, Jan Y. N., 4,495,911, Cl. 123-198.00R.
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  - Metz, Rudi; and Scholl, Herbert, 4,530,028, Cl. 361-144.000.
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  - Grail, Donald J., 4,514,947, Cl. 52-536.000.
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  - Bell, Steve W.; and Embree, Milton L., 4,492,824, Cl. 179-81.00B.
- Embrey, Derek M.; Webb, Stuart F.; Bickford, Ian J.; and Caxton Doss-Desouza, Argus F., to AB Electronic Components Limited. Gearbox indicator switch. 4,554,422, 11-19-85, Cl. 200-61.910.
- Embrey, Wallace E.: *See—*
  - Swearingen, Loren L.; Heinsohn, Alfred W.; Snook, Craig W.; Embrey, Wallace E.; and McConchie, Garnet E., 4,559,110, Cl. 203-37.000.
- Embru-Werke, Mantel & Cie.: *See—*
  - Langenegger, Urs; Roffler, Werner; and Rutsche, Wendolin, 4,516,509, Cl. 108-147.000.
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  - Dougherty, Joseph P., 4,504,861, Cl. 358-143.000.
- Emco Arrowhead: *See—*
  - Giebeler, James F., 4,557,509, Cl. 285-281.000.
- Emco Wheaton, Inc.: *See—*
  - Bower, Allen M.; and Weeks, Gary L., 4,523,700, Cl. 222-505.000.
- Emco Wheaton (International Limited): *See—*
  - Young, Colin G., 4,505,249, Cl. 123-527.000.
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  - Elliott, Henry H.; Lepovitz, Lawrence R.; and Jones, Dale G., 4,544,379, Cl. 55-71.000.
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  - Villa-Real, Antony-Euclid C., 4,492,634, Cl. 210-398.000.
- Emelyanenko, Vadim V.: *See—*
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- Emeraud, Jackie: *See—*
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  - Henderson, Lawrence E., 4,508,974, Cl. 307-66.000.
- Emerson, Clarence A. Marker holder apparatus. 4,500,221, 2-19-85, Cl. 401-82.000.
- Emerson, Clarence A. Drawing compass apparatus. 4,542,587, 9-24-85, Cl. 33-27.00B.
- Emerson, Edwin E. Golfer's head movement indicating device. 4,560,166, 12-24-85, Cl. 273-183.00B.
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  - Babb, Larry F., 4,526,023, Cl. 72-116.000.
  - Birx, Linda B., 4,514,718, Cl. 337-407.000.
  - Brown, William J., 4,501,194, Cl. 98-42.070.
  - Bryant, Jimmy R.; Mertens, Waldemar W.; and Kenny, Frances A., 4,504,710, Cl. 200-80.00R.
  - Butkiewicz, Joseph M.; Brundage, Richard B.; and Rawlins, Dal M., 4,491,047, Cl. 83-817.000.
  - Cunningham, Donald M., 4,543,469, Cl. 219-336.000.
  - Daniels, Nicholas R., 4,523,117, Cl. 310-71.000.
  - Garnett, Willard R.; and Scofield, Robert L., 4,502,744, Cl. 339-14.00R.
  - Hochstatter, Brian R., 4,522,454, Cl. 308-3.00R.
  - LaRou, Albert M.; and Atteberry, Eldon A., 4,537,519, Cl. 384-478.000.
  - Lautzenheiser, Terry L., 4,562,515, Cl. 362-33.000.
  - Mertz, Denny W., 4,535,805, Cl. 137-489.000.
  - Mitchell, Albert W., 4,493,151, Cl. 30-276.000.
  - Mueller, Carl J.; and Haefner, John S., 4,518,345, Cl. 431-24.000.
  - Munson, Robert D., 4,559,479, Cl. 315-239.000.
  - Newberg, Barry M., 4,535,262, Cl. 310-88.000.
  - Peachee, C. Theodore, Jr.; and Messner, Daniel R., 4,492,888, Cl. 310-71.000.
  - Peachee, C. Theodore, Jr., 4,499,661, Cl. 29-598.000.
  - Quin, Murray L., deceased, 4,500,796, Cl. 307-147.000.
  - Spradling, Gene V.; and Stanek, Terrence L., 4,555,654, Cl. 318-751.000.
  - Stackhouse, James L., Jr., 4,532,841, Cl. 83-102.100.
  - Stahlhut, Leo G., 4,493,171, Cl. 52-28.000.
  - Tuggle, Lloyd H.; and Ferlito, Michael J., 4,508,068, Cl. 123-187.50R.
  - Vogel, Richard E.; and Bowsky, Benjamin, 4,490,988, Cl. 62-193.000.
  - Vogel, Richard E.; and Bowsky, Benjamin, 4,543,797, Cl. 62-193.000.
  - Vogel, Richard E.; and Bowsky, Benjamin, 4,551,984, Cl. 62-193.000.
  - Wang, David C.; and Voepel, Harry W., 4,520,287, Cl. 310-184.000.
  - Wicke, Charles A.; and Riley, Wayne C., 4,513,887, Cl. 222-146.500.
- Emerson, Geoffrey A.: *See—*
  - Ellis, Joseph J., Jr.; and Emerson, Geoffrey A., 4,562,450, Cl. 340-771.000.
- Emerson, Hartley T. Self mixing funnel. 4,549,585, 10-29-85, Cl. 141-95.000.
- Emerson, Robert T.: *See—*
  - Brown, Albert E.; and Emerson, Robert T., 4,499,140, Cl. 428-308.400.
- Emert, Anton; Knabel, Walter; and Richert, Manfred, to Marker International Company. Ski brake. 4,515,388, 5-7-85, Cl. 280-605.000.
- Emery, Earl L. Earphones. 4,529,058, 7-16-85, Cl. 181-129.000.
- Emery Industries Inc.: *See—*
  - Fayter, Richard G., Jr.; and Hall, Allen L., 4,556,409, Cl. 71-76.000.
- Emery, Jared M.; and Chan, Raymond Y., to Baylor College of Medicine. Mitotic inhibitors preventing posterior lens capsule opacification. 4,515,794, 5-7-85, Cl. 514-249.000.
- Emery, John H.: *See—*
  - Taylor, Robert R.; Bowen, Billy C.; and Emery, John H., 4,547,701, Cl. 313-500.000.
- Emery, Leonard W., to Atlantic Richfield Company. Enhanced oil recovery. 4,509,596, 4-9-85, Cl. 166-263.000.
- Emery, Phillip L.: *See—*
  - Price, William F.; and Emery, Phillip L., 4,560,195, Cl. 296-1.00S.
- Emery, Stephen G.; and Humble, Rick J., to De La Rue Systems Limited. Apparatus for sorting sheets according to their patterns. 4,542,829, 9-24-85, Cl. 209-534.000.
- Emeterio, Eloy V.; Deallenbach, Robert E.; O'Connor, Martin F.; and Klufas, Oleg, to General Electric Company. Radial key for steam turbine wheels. 4,537,560, 8-27-85, Cl. 416-198.00A.
- EMF Corporation: *See—*
  - Weyer, Robert K., 4,496,143, Cl. 271-112.000.
- Emhart Industries, Inc.: *See—*
  - Abbott, Vaughan, 4,509,969, Cl. 65-300.000.
  - Abbott, Vaughan; Morris, Nicholas G.; Lambert, Scott M.; and Letellier, Richard A., 4,528,015, Cl. 65-162.000.
  - Abbott, Vaughan; Beckwith, Bruce R.; Kingsbury, Charles M.; Mungovan, John P.; and Mills, Elden H., 4,528,017, Cl. 65-240.000.
  - Adams, George W.; and Banter, C. Bruce, 4,514,105, Cl. 403-24.000.
  - Amonett, Daniel K., 4,538,037, Cl. 200-38.00R.

- Balducci, Walter O.; and Miller, Theodore H., 4,498,319, Cl. 70-92.000.
- Bergen, Gary R., 4,516,798, Cl. 292-169.130.
- Black, Donald; and Pirtle, James D., 4,531,115, Cl. 340-539.000.
- Black, Donald E.; Sweany, Louis P.; and Pirtle, James D., 4,558,305, Cl. 340-384.00E.
- Blumenfeld, John F.; and Bubon, Frank, 4,552,579, Cl. 65-346.000.
- Braithwaite, David, 4,518,412, Cl. 65-244.000.
- Braithwaite, David; Walker, Richard A.; Bystrianyk, Wasyl; Scott, Paul F.; and Douglas, Robert J., 4,557,746, Cl. 65-163.000.
- Clouser, Michael T.; and Coulter, Robert S., 4,550,874, Cl. 236-1.00G.
- Coe, Jerry R.; Pearce, Godfrey R.; and See, Francis R., 4,538,025, Cl. 174-52.00S.
- Courter, Harry I.; and Perry, Leroy A., 4,497,985, Cl. 200-38.00R.
- Duga, Robert J.; Kulig, Constantine W.; Doughty, Robert L.; Douglas, Robert J.; and Andersen, Robert P., 4,551,163, Cl. 65-129.000.
- Fenton, Frank A., 4,508,557, Cl. 65-348.000.
- Fenton, Frank A., 4,525,191, Cl. 65-83.000.
- Fenton, Frank A., 4,526,604, Cl. 65-158.000.
- Fenton, Frank A., 4,544,397, Cl. 65-332.000.
- Fenton, Frank A.; Booth, Brian; Jones, Stanley P.; and Gennard, Derek, 4,557,744, Cl. 65-29.000.
- Foster, Thomas V., 4,502,879, Cl. 65-267.000.
- Foster, Thomas V., 4,505,730, Cl. 65-162.000.
- Foster, Thomas V., 4,525,195, Cl. 65-260.000.
- Foster, Thomas V., 4,561,875, Cl. 65-267.000.
- Jones, Stanley P., 4,519,827, Cl. 65-29.000.
- Kingsbury, Charles M.; Beckwith, Bruce R.; and Messina, Anthony, 4,507,138, Cl. 65-158.000.
- Marcinek, John A., 4,521,369, Cl. 264-532.000.
- Martin, Hans, 4,524,270, Cl. 235-494.000.
- Melody, Brian, 4,539,146, Cl. 252-62.200.
- Morris, Nicholas G.; Kingsbury, Charles M.; and Beckwith, Bruce R., 4,505,731, Cl. 65-225.000.
- Nebelung, Hermann H.; and Knoth, Werner-Dieter, 4,492,595, Cl. 65-263.000.
- Nebelung, Hermann H.; and Futterknecht, Fritz, 4,529,432, Cl. 65-260.000.
- Nebelung, Hermann H.; and Futterknecht, Fritz, 4,530,711, Cl. 65-260.000.
- Nebelung, Hermann H., 4,543,118, Cl. 65-360.000.
- Nebelung, Hermann H., 4,547,212, Cl. 65-260.000.
- Nebelung, Hermann H., 4,548,633, Cl. 65-29.000.
- Nebelung, Hermann H., 4,548,635, Cl. 65-84.000.
- Shedigian, Vandos, 4,511,949, Cl. 361-319.000.
- Shedigian, Vandos; and Voyles, Gerald A., 4,521,826, Cl. 361-314.000.
- Shedigian, Vandos, 4,536,331, Cl. 252-579.000.
- Shedigian, Vandos, 4,538,206, Cl. 361-315.000.
- Shedigian, Vandos, 4,538,207, Cl. 361-317.000.
- Shedigian, Vandos, 4,538,208, Cl. 361-319.000.
- Simpson, Roger A., 4,551,707, Cl. 340-287.000.
- Smock, Steven W., 4,491,710, Cl. 200-303.000.
- Stout, Garry A.; and Ray, Donald L., 4,531,028, Cl. 200-38.00R.
- Suomala, John E.; Bratton, Kenneth L.; Bergsten, Sten E.; Savic, Nicolas M.; and Gardner, E. Boyd, 4,554,000, Cl. 65-129.000.
- Voyles, Gerald A.; and Shedigian, Vandos, 4,498,117, Cl. 361-315.000.
- Walker, Richard A.; and Douglas, Robert J., 4,506,923, Cl. 294-87.100.
- Weaver, Robert F.; and Proctor, Ted G., 4,531,072, Cl. 310-162.000.
- Willitts, Benjamin R.; and Klossman, Charles W., 4,535,603, Cl. 62-196.400.
- Zink, David E.; and Stout, Garry A., 4,497,986, Cl. 200-38.00R.

Emi Electrola Gesellschaft mit beschrankter Haftung: *See—*
- Strausfeld, Hermann, 4,496,300, Cl. 425-408.000.
- Strausfeld, Hermann; and Kroenchen, Theo, 4,527,971, Cl. 425-409.000.

EMI Limited: *See—*
- Clark, Duncan G. D.; Kimber, Ian D.; and May, Roderick G., 4,517,679, Cl. 375-37.000.
- Cutler, David S.; and Spouse, Keith G., 4,540,920, Cl. 318-7.000.
- Green, Ian M., 4,519,036, Cl. 364-200.000.
- Hounsfield, Godfrey N., 4,497,061, Cl. 378-18.000.
- Moore, John F., 4,504,962, Cl. 378-19.000.
- Routledge, Peter, 4,541,342, Cl. 102-308.000.
- Sansom, David J., 4,525,671, Cl. 324-252.000.
- Severwright, Jeremy S., 4,549,093, Cl. 307-147.000.
- Taylor, Richard J., 4,497,252, Cl. 102-214.000.
- Vaidya, Ashok W., 4,549,135, Cl. 324-248.000.

Emi, Shingo: *See—*
- Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, 4,526,735, Cl. 264-27.000.
- Norota, Susumu; Segawa, Yasuhiko; and Emi, Shingo, 4,552,810, Cl. 428-398.000.

Emi, Toshihiko: *See—*
- Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.

Emig, Reiner: *See—*
- Braschel, Volker; Emig, Reiner; Leiber, Heinz; Mendel, Michael; and Gerstenmeier, Jurgen, 4,497,026, Cl. 364-426.000.

Emigh, Stuart G.: *See—*
- White, Maurice A.; Riggle, Peter; and Emigh, Stuart G., 4,532,766, Cl. 60-517.000.

Emil Steidle GmbH & Co.: *See—*
- Steidle-Sailer, Manfred; and Andres, Matthias, 4,525,974, Cl. 52-693.000.

Emil Suter Maschinenfabrik AG: *See—*
- Binggeli, Rudolf, 4,538,334, Cl. 29-243.500.

Emile, Philip, Jr.: *See—*
- Kelly, Austin T.; Stolpen, Alan H.; and Emile, Philip, Jr., 4,520,310, Cl. 324-115.000.

Emilsson, Fred S., to SAB Nife AB. Rail vehicle disc brake arrangement. 4,527,666, 7-9-85, Cl. 188-33.000.

Emkay Manufacturing Co.: *See—*
- Kaplan, Alan, 4,517,918, Cl. 118-723.000.

Emmel, David G., to American Standard Inc. Traffic control system for single track railroad. 4,550,889, 11-5-85, Cl. 246-28.00R.

Emmel, Werner: *See—*
- Wolf, Heinz; and Emmel, Werner, 4,559,972, Cl. 137-614.110.

Emmenthal, Klaus-Dieter: *See—*
- Neumann, Joachim; Pickert, Detlef; and Emmenthal, Klaus-Dieter, 4,557,874, Cl. 261-19.000.

Emmerich, Kenneth C.: *See—*
- Means, Thomas C.; and Emmerich, Kenneth C., 4,515,230, Cl. 175-410.000.

Emmerling, Hans-Jorg; and Hamm, Josef, to Robert Bosch GmbH. Packaging machine. 4,537,014, 8-27-85, Cl. 53-570.000.

Emmert, Manfred. Device for the production of pressure. 4,543,877, 10-1-85, Cl. 92-90.000.

Emmett, David P.; Muelling, Duane D.; and Willett, Ronald J., to General Motors Corporation. Fuel consumption measuring system. 4,552,015, 11-12-85, Cl. 73-113.000.

Emmett, Joe M.: *See—*
- Harben, Grover S., Jr.; Ellis, James S.; and Emmett, Joe M., 4,538,325, Cl. 17-45.000.

Emmett, John C.; Slater, Robert A.; and Warrington, Brian H., to Smith Kline & French Laboratories Limited. 5-(4-amino or acylaminophenyl)-2(1H)-pyrazinones having inotropic activity. 4,556,711, 12-3-85, Cl. 544-357.000.

Emmett, John C.: *See—*
- Durant, Graham J.; Emmett, John C.; and Ganellin, Charon R., 4,537,779, Cl. 514-275.000.

Emmons, Daniel R.; and Swanson, William E., to GTI Corporation. Cross product calculator with normalized output. 4,561,066, 12-24-85, Cl. 364-736.000.

Emms, Norman R., to Boots Company PLC, The. Tablet Dispenser. 4,492,316, 1-8-85, Cl. 221-202.000.

Emms, Norman R., to Hestair Kiddicraft Limited. Floatable toys. 4,515,572, 5-7-85, Cl. 446-153.000.

Emonts, Johannes, to Bayerische Motoren Werke AG. Supercharging pressure control device for turbocharged internal combustion engines. 4,517,801, 5-21-85, Cl. 60-602.000.

Emori, Hiroshi: *See—*
- Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
- Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.

Emory, John E., Jr., to Big Jon, Inc. Rod holder assembly. 4,495,721, 1-29-85, Cl. 43-21.200.

Emory, John E., Jr., to Big Jon, Inc. Trolling bar assembly. 4,527,349, 7-9-85, Cl. 43-21.200.

Emory University: *See—*
- Warner, Isiah M.; and Ho, Chu-Ngi, 4,516,984, Cl. 55-16.000.

Emoto, Kanji: *See—*
- Sudo, Fumio; Fujii, Tetsuya; Kato, Yoshiei; Yamada, Sumio; and Emoto, Kanji, 4,543,125, Cl. 75-51.500.

Emoto, Takao; and Nagata, Yoshitaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for quantitatively supplying liquid. 4,527,717, 7-9-85, Cl. 222-593.000.

Empak Inc.: *See—*
- Johnson, Douglas M., 4,493,418, Cl. 206-454.000.
- Johnson, Douglas M., 4,520,925, Cl. 206-334.000.
- Johnson, Douglas M., 4,557,382, Cl. 206-444.000.

EMPI, Inc.: *See—*
- Maurer, Donald D., 4,556,051, Cl. 128-1.500.
- Morawetz, Peter L.; and Burdette, John H., 4,528,984, Cl. 128-421.000.
- Ober, Stephen H., 4,535,779, Cl. 128-644.000.
- Wright, Thomas C.; and Ober, Stephen H., 4,520,827, Cl. 128-423.00W.

Empie, Howard L., Jr., to International Paper Company. Recovery of heat and chemical values from spent pulping liquors. 4,526,760, 7-2-85, Cl. 422-185.000.

Empie, John E. Golfer's head movement restraining device. 4,513,972, 4-30-85, Cl. 273-190.00R.

Empire Abrasive Equipment Corporation: *See—*
- Keltz, Douglas; and Heaton, Robert, 4,518,145, Cl. 251-5.000.
- Sheesley, Gary; and Grudzinski, Michael, 4,505,077, Cl. 51-415.000.
- Sheesley, Gary, 4,557,079, Cl. 51-411.000.
- Wittes, James M.; and Sweeney, Cecilia, 4,557,825, Cl. 209-3.000.

Empresa Cubana Importadora Y Exportadora de Productos Medicos: *See—*

Cao, Carlos M. M.; and Gonzalez, Manuel T., 4,507,277, Cl. 424-59.000.

Ems-Inventa AG: *See—*

Rehmann, Robert, 4,550,661, Cl. 102-251.000.

Schmid, Eduard; and Hoppe, Manfred, 4,511,684, Cl. 524-101.000.

Emsley, Robert M.; and Pitt, Derek C., to Post Office, The. Sorting system. 4,509,635, 4-9-85, Cl. 198-365.000.

Emsperger, Werner; and Engelhardt, Reiner, to Kraftwerk Union Aktiengesellschaft. Steam power plant and steam generator, especially suited for a steam power plant of this type. 4,493,186, 1-15-85, Cl. 60-39.182.

Emtek, Inc.: *See—*

Doiron, Laurea, Jr., 4,534,832, Cl. 204-15.000.

Emura, Junichi; Kanari, Issei; and Saito, Hideaki, to Atsugi Motor Parts Co., Ltd. Variable-damping-force shock absorber. 4,527,676, 7-9-85, Cl. 188-299.000.

Emura, Noriaki: *See—*

Ariyoshi, Takashi; Emura, Noriaki; and Sakanaka, Yasuhiro, 4,511,679, Cl. 521-83.000.

Enamel Products and Plating Co.: *See—*

Anderson, William J.; and Anderson, Wayne R., 4,496,060, Cl. 211-124.000.

Anderson, William J., 4,532,672, Cl. 16-86.00A.

Enami, Ken: *See—*

Kotake, Eiichi; Enami, Ken; and Wada, Kinzo, 4,542,423, Cl. 360-73.000.

Wada, Kinzo; and Enami, Ken, 4,504,881, Cl. 361-23.000.

Enami, Yasushi: *See—*

Muramatsu, Tateo; Kurihara, Mamoru; and Enami, Yasushi, 4,498,810, Cl. 405-115.000.

Encee Chemical Sales, Inc.: *See—*

Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,496,465, Cl. 252-79.200.

Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,496,466, Cl. 252-79.300.

Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,530,735, Cl. 156-642.000.

Enck, Rudolph C.: *See—*

Foley, Geoffrey M. T.; and Enck, Rudolph C., 4,554,230, Cl. 430-58.000.

Encomech Engineering Services Limited: *See—*

Laws, William R.; and Reed, Geoffrey R., 4,499,746, Cl. 72-13.000.

Encomech Product Development Limited: *See—*

Reed, Geoffrey R., 4,498,276, Cl. 53-588.000.

Encon Products, Inc.: *See—*

Simpson, Harold G., 4,503,653, Cl. 52-664.000.

Simpson, Harold G., 4,516,371, Cl. 52-269.000.

Simpson, Harold G.; and Neyer, Leo E., 4,520,610, Cl. 52-745.000.

Simpson, Harold G., 4,524,554, Cl. 52-693.000.

Simpson, Harold G., 4,525,967, Cl. 52-404.000.

Simpson, Harold G., 4,525,976, Cl. 52-748.000.

Simpson, Harold G., 4,528,789, Cl. 52-404.000.

Simpson, Harold G.; and Neyer, Leo E., 4,534,148, Cl. 52-640.000.

Encon Systems, Ltd.: *See—*

Schmidt, Donald R., 4,524,733, Cl. 123-196.00A.

Encoyand, Roland C.: *See—*

Billard, Alain A.; Calmettes, Hubert C.; and Encoyand, Roland C., 4,498,392, Cl. 102-342.000.

Enda, Toyoaki, to Iwatsu Electric Co., Ltd. Linear actuator with magnets. 4,527,108, 7-2-85, Cl. 318-687.000.

Ende Company: *See—*

Erickson, Nancy D., 4,554,193, Cl. 428-40.000.

ENDECO Canada Limited: *See—*

Brainard, Edward C., II, 4,510,551, Cl. 361-398.000.

Endel, Dieter; and Billerbeck, Gerd, to IBU Betten-Union GmbH & Co. KG. Orthopedic pillow. 4,550,459, 11-5-85, Cl. 5-437.000.

Endelson, Robert A., to Microtech Associates. Flat cigarette lighter. 4,517,994, 5-21-85, Cl. 131-329.000.

Ender, Dale R. Attachment device for an auxiliary fishing line. 4,530,181, 7-23-85, Cl. 43-44.880.

Ender, Erhard: *See—*

Straszewski, Klaus; Ender, Erhard; and Krutzfeldt, Herbert, 4,527,317, Cl. 24-641.000.

Ender, Hans G.; and Sillaba, Wilhelm, to Ender, Hans G. Apparatus for determining the pressure between a support dressing and a body portion surrounded by said support dressing. 4,502,491, 3-5-85, Cl. 128-782.000.

Ender, Hans G. Splint for reducing and maintaining motionless fractures of fingers and the metacarpus and process for producing such a splint. 4,549,537, 10-29-85, Cl. 128-87.00A.

Enderle, Eckhard; and Kaufmann, Dieter, to Carl-Zeiss-Stiftung. Gas bearing. 4,560,213, 12-24-85, Cl. 308-5.00R.

Endo, Akira; Hasegawa, Akira; and Shibata, Takanori, to Hitachi, Ltd. Power supply system for automotive parts having a rotary component. 4,514,645, 4-30-85, Cl. 307-10.00R.

Endo, Akira; and Kimura, Katsuhiro, to Hitachi, Ltd. Doppler radar type speedometer. 4,527,160, 7-2-85, Cl. 343-8.000.

Endo, Hideo: *See—*

Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, 4,520,756, Cl. 118-699.000.

Endo, Hirohide: *See—*

Okada, Kunihiro; Endo, Hirohide; Saito, Susumu; and Kataoka, Kenji, 4,514,079, Cl. 355-8.000.

Endo, Hiroshi; Sone, Masazumi; Imai, Iwao; and Kasuya, Hideo, to Nissan Motor Company, Limited. Optical power supply switching apparatus. 4,495,421, 1-22-85, Cl. 250-551.000.

Endo, Hiroshi, to Nissan Motor Company, Limited. Optical pulse radar for an automotive vehicle. 4,552,456, 11-12-85, Cl. 356-5.000.

Endo, Hiroshi: *See—*

Ishikawa, Yasuki; Endo, Hiroshi; Sone, Masazumi; and Imai, Iwao, 4,510,915, Cl. 123-620.000.

Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.

Tachibana, Akira; Fujiki, Norio; Endo, Hiroshi; Yamaki, Kiyoshi; and Kishi, Norimasa, 4,543,577, Cl. 340-904.000.

Endo, Hiroyuki: *See—*

Nakata, Tohru; Endo, Hiroyuki; Harada, Masatoshi; Hayasaka, Tadao; and Miyamoto, Osamu, 4,552,590, Cl. 75-246.000.

Endo, Ichiro; Ogura, Shigetaro; and Ohno, Shigeru, to Canon Kabushiki Kaisha. Liquid jet recording method and apparatus. 4,531,138, 7-23-85, Cl. 346-140.00R.

Endo, Isao; Nagamune, Teruyuki; and Inoue, Ichiro, to Rikagaku Kenkyusho. Autosampler. 4,501,161, 2-26-85, Cl. 73-863.240.

Endo, Isao; and Kuniya, Joji, to Toshiba Silicone Co., Ltd. Primer composition. 4,559,387, 12-17-85, Cl. 525-102.000.

Endo, Itaru, to Olympus Optical Co., Ltd. Turret. 4,544,236, 10-1-85, Cl. 350-247.000.

Endo, Junji: *See—*

Shimada, Hisashi; Arai, Tohru; and Endo, Junji, 4,514,275, Cl. 204-298.000.

Endo, Junya: *See—*

Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Seisuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.

Endo, Kaoru: *See—*

Yamagiwa, Tokio; Ishikawa, Toshio; Ozawa, Jun; Endo, Kaoru; and Hosokawa, Masao, 4,549,132, Cl. 324-54.000.

Endo, Katsusuke; Kato, Eiichi; Ohki, Nobutaka; and Ishikawa, Takatoshi, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material. 4,493,888, 1-15-85, Cl. 430-405.000.

Endo, Katsusuke; and Inagaki, Yoshio, to Fuji Photo Film Co., Ltd. Photographic elements for silver salt diffusion transfer process containing mercapto imidazole stabilizers. 4,520,096, 5-28-85, Cl. 430-233.000.

Endo, Kazunaka: *See—*

Saikawa, Masahiko; Kanada, Eiji; Tanaka, Akira; and Endo, Kazunaka, 4,501,811, Cl. 430-204.000.

Endo, Kazuyuki: *See—*

Maeda, Muneyoshi; Endo, Kazuyuki; and Tansei, Hikaru, 4,526,217, Cl. 152-527.000.

Endo, Keiji: *See—*

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,493,943, Cl. 174-25.00C.

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,506,107, Cl. 174-25.00C.

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,543,207, Cl. 252-570.000.

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Energy-Adaptive Grinding, Inc.: *See—*
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  Johnson, Robert R., 4,545,111, Cl. 29-574.000.
  Keem, John E.; and Marshall, Gerald F., 4,525,853, Cl. 378-84.000.
  McCormick-Goodhart, Mark H., 4,501,487, Cl. 355-27.000.
  McGill, John, 4,528,418, Cl. 136-256.000.
  Moore, Diane E., 4,491,679, Cl. 136-203.000.
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  - Martin, John H., 4,551,243, Cl. 210-180.000.
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  - DeLong, Sanford D., 4,541,787, Cl. 417-417.000.
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- Engel, Larry J.; and Turko, John W., to Michigan Consolidated Gas Company. Gaseous hydrocarbon fuel storage system and power plant for vehicles. 4,523,548, 6-18-85, Cl. 123-1.00A.
- Engel, Larry J.; and Turko, John W., to Michigan Consolidated Gas Company. Gaseous fuel refueling apparatus. 4,531,558, 7-30-85, Cl. 141-44.000.
- Engel, Mark R., to Donaldson Company, Inc. Dust collector. 4,509,960, 4-9-85, Cl. 55-287.000.
- Engel, Mark R., to Donaldson Company, Inc. Apparatus for providing a gaseous pressure pulse. 4,549,715, 10-29-85, Cl. 251-29.000.
- Engel, Michael R., to Minnesota Mining and Manufacturing Company. Conductive adhesive and biomedical electrode. 4,524,087, 6-18-85, Cl. 427-2.000.
- Engel, Michael R., to Minnesota Mining and Manufacturing Company. Conductive adhesive and biomedical electrode. 4,539,996, 9-10-85, Cl. 128-640.000.
- Engel, Michael R., to Minnesota Mining and Manufacturing Company. Conductive adhesive and biomedical electrode. 4,554,924, 11-26-85, Cl. 128-640.000.
- Engel, Peter A.; Strope, Douglas H.; and Wray, Thomas E., to International Business Machines Corporation. Displacement compensating module. 4,514,752, 4-30-85, Cl. 357-72.000.
- Engel, Reinhard: *See—*
  - Steinmann, Peter; Engel, Reinhard; Parstorfer, Richard; Brugger, Rudolf; and Jonke, Gerhard, 4,548,669, Cl. 156-358.000.
- Engel, Richard C. Portable wood cutting device. 4,553,463, 11-19-85, Cl. 83-796.000.
- Engel, Thomas G.: *See—*
  - Goetz, William J.; and Engel, Thomas G., 4,549,932, Cl. 162-207.000.

Engel, Thomas H. Telescoping support apparatus for containers. 4,517,775, 5-21-85, Cl. 52-40.000.

Engel, Thomas H. Container support apparatus. 4,559,747, 12-24-85, Cl. 52-40.000.

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Trummlitz, Gunter; Engel, Wolfhard; Seeger, Ernst; and Haarmann, Walter, 4,533,664, Cl. 514-225.000.

Engelbach, Heinz: *See—*

Sauer, Wolfgang; Halbritter, Klaus; and Engelbach, Heinz, 4,503,261, Cl. 568-471.000.

Engelbrecht, Eckart; Nieder, Elmar; and Keller, Arnold, to GMT Gesellschaft fur Medizinische Technik mbH; and Waldemar Link GmbH & Co. Articulated prosthesis. 4,538,305, 9-3-85, Cl. 623-20.000.

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Hesse, Theodor; and Barkmeyer, Hans, 4,511,292, Cl. 406-152.000.

Johanning, Hermann, 4,512,521, Cl. 241-34.000.

Engelbrecht, Orest; and Laganza, Joseph L., to Perkin-Elmer Corporation, The. Wafer transferring chuck assembly. 4,530,635, 7-23-85, Cl. 414-627.000.

Engeler, Paul; and Wolfer, Peter, to Kistler Instrumente A.G. High pressure transducer. 4,559,821, 12-24-85, Cl. 73-167.000.

Engeler, William E.: *See—*

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Mazin, Moshe; and Engeler, William E., 4,521,695, Cl. 307-279.000.

Tiemann, Jerome J.; and Engeler, William E., 4,533,936, Cl. 358-12.000.

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Adlhart, Otto J., 4,513,065, Cl. 429-19.000.

Amundsen, Alan R.; and Stern, Eric W., 4,500,465, Cl. 260-429.00R.

Amundsen, Alan R.; and Stern, Eric W., 4,505,928, Cl. 514-492.000.

Andrews, Robert W.; Himpsl, Francis L.; Horvath, Eugene B.; and Speronello, Barry K., 4,520,119, Cl. 502-67.000.

Beshty, Bahjat S.; Hatfield, W. Robert; Lee, Hyo C.; Heck, Ronald M.; and Hsiung, Thomas H., 4,526,614, Cl. 75-83.000.

Borland, William, 4,520,422, Cl. 361-305.000.

Brown, Stanley M.; Durante, Vincent A.; Reagan, William J.; and Speronello, Barry K., 4,493,902, Cl. 502-65.000.

Burns, Kenneth R.; and Early, Jack J., 4,526,001, Cl. 60-274.000.

Dettling, Charles J.; and Terry, Peter L., 4,505,992, Cl. 429-36.000.

Harrison, William S., 4,510,369, Cl. 219-389.000.

Hartwig, Michael M., 4,510,265, Cl. 502-330.000.

Hatfield, William R.; Heck, Ronald M.; and Hsiung, Thomas H., 4,497,657, Cl. 75-83.000.

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Kaufman, Arthur; and Terry, Peter L., 4,526,843, Cl. 429-26.000.

Kostansek, Edward C., 4,525,518, Cl. 524-447.000.

Novak, William J.; and McClung, Ronald G., 4,534,943, Cl. 422-188.000.

Oyekan, Soni O., 4,539,307, Cl. 502-223.000.

Rubbo, John T.; Burns, Kenneth R.; Heck, Ronald M.; and Early, John J., 4,502,444, Cl. 123-440.000.

Shimrock, Thomas; Taylor, R. Dirk; and Collins, John M., Jr., 4,550,034, Cl. 427-243.000.

Sweeney, William J., 4,534,315, Cl. 119-1.000.

Thompson, Charles E.; Mooney, John J.; Keith, Carl D.; and Mannion, William A., 4,552,733, Cl. 423-213.500.

Wilcox, Jeannine; and Karustis, George A., 4,552,628, Cl. 204-47.000.

Engelhard, Philippe: *See—*

Marty, Claude; and Engelhard, Philippe, 4,520,225, Cl. 585-832.000.

Engelhardt, Billy M.; and Moore, Dwane L., to Jamieson Film Company. Film processor tank with tank divider. 4,512,645, 4-23-85, Cl. 354-324.000.

Engelhardt, David R., to R. Englehardt Nominees Pty. Ltd. Color process for spectacle frame coated with polyester. 4,531,947, 7-30-85, Cl. 8-495.000.

Engelhardt, Friedrich; Piesch, Steffen; Balzar, Juliane; and Dawson, Jeffery C., to Cassella Aktiengesellschaft; and Dresser Industries, Inc. Water soluble, crosslinkable polymer compositions, their preparation and use. 4,499,232, 2-12-85, Cl. 524-548.000.

Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., to Cassella Aktiengesellschaft; and Dresser Industries, Inc. Water soluble copolymers for use in fracture-acidizing of wells. 4,500,437, 2-19-85, Cl. 252-8.55C.

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Engelhardt, Hans: *See—*

Hacker, Harald; Amann, Ulrich; Geisinger, Karl; and Engelhardt, Hans, 4,503,766, Cl. 100-207.000.

Engelhardt, Herbert: *See—*

Knothe, Erich; Eger, Matthias; Stadler, Eberhard; and Engelhardt, Herbert, 4,542,800, Cl. 177-211.000.

Engelhardt, Reiner; and Wittchow, Eberhard, to Kraftwerk Union Aktiengesellschaft. Method and plant for reheating flue gases behind a wet flue-gas desulfurization plant. 4,543,110, 9-24-85, Cl. 55-27.000.

Engelhardt, Reiner: *See—*

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Engelhardt, Rolf D., to Engelhardt, Rolf Dieter. Heat exchanger. 4,556,104, 12-3-85, Cl. 165-145.000.

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Engelhardt, Rolf D., 4,556,104, Cl. 165-145.000.

Engelhart, John E.; Angeles, Marshall R.; and D'Errico, Michael J., to Merck & Co., Inc. 1,2-dibromo-2-cyano-2-(heterocyclic)alkane compounds and antimicrobial use thereof. 4,496,581, 1-29-85, Cl. 514-438.000.

Engelke, Claude W.; Sutton, Gerald E.; and Potter, Steven E., to Boeing Company, The. Method and mold for fabricating an aerodynamic airframe structure. 4,521,354, 6-4-85, Cl. 264-46.600.

Engelke, Helmut: *See—*

Bohlen, Harald; Engelke, Helmut; Greschner, Johann; and Nehmiz, Peter, 4,504,558, Cl. 430-30.000.

Bohlen, Harald; Engelke, Helmut; Greschner, Johann; Muhl, Reinhold; Nehmiz, Peter; and Trumpp, Hans J., 4,513,203, Cl. 250-491.100.

Engelking, Uwe, to Agence Spatiale Europeenne. Stabilizing device for gyroscope effect apparatus such as a space craft or vehicle, especially with a view to damping the nutation motion. 4,504,033, 3-12-85, Cl. 244-170.000.

Engelman, Curtis L.: *See—*

Engelman, Melvin A.; Zamaloff, Victor; and Engelman, Curtis L., 4,558,841, Cl. 249-54.000.

Engelman, Melvin A.; Zamaloff, Victor; and Engelman, Curtis L., to Dentifax International Inc. Spruing assembly. 4,558,841, 12-17-85, Cl. 249-54.000.

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Engelmann, Manfred; Plewan, Otto; Kraus, Helmut; and Klippert, Heinz, to Hoechst Aktiengesellschaft. Sinterable, finely divided molded material based on polyvinyl chloride. 4,546,135, 10-8-85, Cl. 524-158.000.

Engelmore, Anthony R. Rotatable electrical connector for telephone cord. 4,533,796, 8-6-85, Cl. 179-186.000.

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Neuschaeffer, Karl H.; Spielau, Paul; Zoche, Gunter; and Engels, Hans-Werner, 4,533,393, Cl. 106-18.120.

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Engels, Walter, to Milliken Research Corporation. Pile fabric cutting device. 4,498,217, 2-12-85, Cl. 26-9.000.

Engels, Walter, to Milliken Research Corporation. Cutting rotor blade segment. 4,531,265, 7-30-85, Cl. 26-9.000.

Engelsberger, Herbert, to Feldmuhle Aktiengesellschaft. Multilayer, sterilizable deep-drawing film. 4,547,427, 10-15-85, Cl. 428-349.000.

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Raehse, Wilfried; Kuehne, Norbert; Wuest, Willi; and Engelskirchen, Konrad, 4,507,474, Cl. 536-97.000.

Engelson, Steven N.; and McAnallan, John. Penlite and method of assembling the same. 4,559,588, 12-17-85, Cl. 362-196.000.

Engelstein, Charles; Kassel, David L.; and Goodman, Harry, to Memory Protection Devices, Inc. Horizontal battery holder for cylinder cells. 4,495,257, 1-22-85, Cl. 429-100.000.

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Braestrup, Claus T.; Christensen, Joergen A.; Engelstoft, Mogens; and Waetjen, Frank, 4,507,313, Cl. 514-220.000.

Engemann, Detlef; Fischer, Dieter; and Kleeberg, Heinz, to Triumph-Adler Aktiengesellschaft fur Buro- und Informationstechnik. Document scanning apparatus. 4,531,062, 7-23-85, Cl. 250-578.000.

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Document scanning apparatus comprising a light conductor block. 4,544,842, 10-1-85, Cl. 250-227.000.

- Engen, Byron W.: *See—*
  - Rinehart, James W.; Gilieland, Frank W.; and Engen, Byron W., 4,535,756, Cl. 126-450.000.
- Engert, Reinhard: *See—*
  - Stockl, Klaus; and Engert, Reinhard, 4,505,514, Cl. 297-322.000.
- Engh, Gordon L., to Nekoosa Envelopes, Inc. Product and method for using airline tickets. 4,534,581, 8-13-85, Cl. 281-15.00R.
- Engineered Air Systems, Inc.: *See—*
  - Malmstrom, Herbert A.; and Roddiger, Henry A., 4,558,636, Cl. 98-39.100.
  - Norton, John P., 4,501,126, Cl. 62-185.000.
- Engineered Yarns, Inc.: *See—*
  - Worrall, James D.; and Tefft, Ronald E., 4,520,059, Cl. 428-109.000.
- Engineering Patents and Equipment Limited: *See—*
  - Martin, John S., 4,505,444, Cl. 244-122.0AE.
  - Martin, John S., 4,523,730, Cl. 244-122.00R.
- Engineering Project Development Limited: *See—*
  - Mizzi, Pierre M. A., 4,545,023, Cl. 364-709.000.
- Engineering Research Applications, Inc.: *See—*
  - Rooney, Craig E., 4,500,757, Cl. 200-5.00A.
- Engineering & Research Associates, Inc.: *See—*
  - Acker, Loren C., 4,491,711, Cl. 219-10.810.
  - Acker, Loren C.; Taylor, Junius E.; and Minney, Stephen C., 4,496,819, Cl. 219-10.810.
  - Minney, Stephen C.; and Harmony, Daniel C., 4,529,859, Cl. 219-10.810.
- Engineering Resources, Inc.: *See—*
  - Troy, Michael, 4,541,456, Cl. 137-549.000.
- England, David C.: *See—*
  - Anderson, Burton C.; England, David C.; and Resnick, Paul R., 4,496,750, Cl. 549-455.000.
- England, David R., to Rolls-Royce Limited. Electro chemical machining. 4,545,874, 10-8-85, Cl. 204-129.200.
- England, Michael J.: *See—*
  - Ingram, Brian; and England, Michael J., 4,535,875, Cl. 188-106.00F.
- England, Robert C. Device for inserting and removing contact lenses. 4,512,602, 4-23-85, Cl. 294-1.200.
- England, Thomas R., to Kollmorgen Technologies Corporation. Flux contoured rotary electromagnetic machine. 4,538,080, 8-27-85, Cl. 310-154.000.
- England, W. Dean, and Enneking, Gerald J. Damper control. 4,509,498, 4-9-85, Cl. 126-288.000.
- England, William T.; and Lau, Wing Y. T., to Kendall Company, The. Fabric cover for dampener rolls. 4,531,386, 7-30-85, Cl. 66-202.000.
- Englander, Hank E., to Chevron Research Company. Apparatus for diluting highly concentrated solutions. 4,504,444, 3-12-85, Cl. 422-100.000.
- Engle, Donald W.; and Hahn, Roger S., to Rock-Tenn Company. Interlock on collapsible cross partitions. 4,548,350, 10-22-85, Cl. 229-15.000.
- Engle, Elbert, to Chesebrough-Pond's Inc. Dual-chain sewing machine. 4,541,353, 9-17-85, Cl. 112-304.000.
- Engle, Elbert, to Chesebrough-Pond's Inc. Apparatus for separating stacks of cloth. 4,555,102, 11-26-85, Cl. 271-4.000.
- Engle, George M.: *See—*
  - Rosler, Richard S.; and Engle, George M., 4,491,606, Cl. 427-38.000.
  - Rosler, Richard S.; and Engle, George M., 4,557,943, Cl. 427-38.000.
- Engle, Thomas H., to General Signal Corporation. Actuators for disc brake calipers. 4,545,465, 10-8-85, Cl. 188-72.300.
- Englehardt, Paul, to PEI, Inc. Truck bed closure. 4,550,945, 11-5-85, Cl. 296-100.000.
- Engleman, Christian F. Radial braking system. 4,531,754, 7-30-85, Cl. 280-261.000.
- Engler, Manfred: *See—*
  - Bode, Gunter; Meier, Horst; and Engler, Manfred, 4,559,763, Cl. 53-527.000.
- Engler, Peter B.; and Denker, Stanley D., to Doboy Packaging Machinery, Inc. Tube forming apparatus for packaging. 4,520,615, 6-4-85, Cl. 53-550.000.
- Engler, Rolf; and Wulf, Rudolf, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Process and apparatus for measuring travel time differences of ultrasonic pulses for the determination of flow fields. 4,493,217, 1-15-85, Cl. 73-861.270.
- Engles, Bruce E., to Motorola, Inc. Page mode memory system. 4,500,961, 2-19-85, Cl. 364-200.000.
- English, Brian B.; and Gray, Hamish W. M., to Ferranti plc. Control system for positioning a marker on a cathode-ray tube display. 4,500,876, 2-19-85, Cl. 340-709.000.
- English Clays Lovering Pochin & Company, Ltd.: *See—*
  - Reid, Paul I.; and Waters, Brian R., 4,503,177, Cl. 524-87.000.
  - Wall, George W.; and Jones, Glyn T., 4,507,201, Cl. 210-232.000.
  - Wall, George W.; and Jones, Glyn T., 4,514,298, Cl. 210-232.000.
- English, Donald C.; and Hicks, Bruce W., to Rio Linda Chemical Co., Inc. Foam generating and distributing manifold apparatus. 4,538,545, 9-3-85, Cl. 118-679.000.
- English Electric Valve Company Limited: *See—*
  - Ball, Cyril T.; Tourle, Peter; and Wright, Robert L., 4,558,257, Cl. 315-5.380.
  - Banks, Peter B., 4,541,699, Cl. 354-227.100.
  - Donaldson, Timothy P.; Pirrie, Colin A.; and Maitland, Arthur, 4,559,466, Cl. 313-15.000.
  - Hendry, Eric D., 4,503,354, Cl. 313-382.000.
  - Menown, Hugh; Newton, Barry P.; and Neale, Christopher V., 4,498,181, Cl. 372-38.000.
  - Menown, Hugh; Newton, Barry P.; and Neale, Christopher V., 4,527,090, Cl. 313-592.000.
  - Pickering, Alan H., 4,518,932, Cl. 331-90.000.
- English, George; and Leadvaro, Stephen J., to GTE Products Corporation. Replacement lamp with means for spacing. 4,536,831, 8-20-85, Cl. 362-263.000.
- English, George J., to GTE Products Corporation. Single-ended metal halide discharge lamp arc gap fabricating process. 4,508,514, 4-2-85, Cl. 445-26.000.
- English, George J.; and Levin, Robert E., to GTE Products Corporation. Sealed lens member for use in a motor vehicle lighting system. 4,545,001, 10-1-85, Cl. 362-340.000.
- English, George J.: *See—*
  - Bouchard, Andre C.; English, George J.; Hall, Harold H., Jr.; and Sentementes, Thomas J., 4,497,756, Cl. 264-1.900.
  - Rothwell, Harold L.; and English, George J., 4,540,373, Cl. 445-22.000.
  - Rothwell, Harold L., Jr.; and English, George J., 4,528,478, Cl. 313-631.000.
  - Rothwell, Harold L., Jr.; and English, George J., 4,557,700, Cl. 445-53.000.
- English, Jack A.: *See—*
  - Priebe, Durward H.; Weingart, Norman C.; Zdanys, John, Jr.; and English, Jack A., 4,529,851, Cl. 200-16.00D.
- English, James M.; Gurreri, Nicholas L.; and Kling, John P., to AMP Incorporated. Encapsulated printed circuit board filter. 4,553,114, 11-12-85, Cl. 333-182.000.
- English, Raymond; and Towle, Michael, to Globe Manufacturing Co. Fireman's bib overall. 4,549,315, 10-29-85, Cl. 2-2.000.
- English, Stanley R.: *See—*
  - Danna, Dominick; Wheeler, Robert C.; and English, Stanley R., 4,539,586, Cl. 358-98.000.
- English, William A.; and Young, Robert R., to Westinghouse Electric Corp. Oil cooled, hermetic refrigerant compressor. 4,516,916, 5-14-85, Cl. 417-368.000.
- Englund, Arvid E., Jr., to General Electric Company. Voltage controlled oscillator having approximately constant modulation sensitivity. 4,503,402, 3-5-85, Cl. 331-36.00C.
- Englund, Arvid E., Jr., to General Electric Company. Bandwidth control circuit for a phase locked loop. 4,506,233, 3-19-85, Cl. 331-17.000.
- Englund, Michael S.; Hafele, Joseph C.; and Schulze, Dwain C., Jr., to Caterpillar Tractor Co. System for obtaining exhaust samples and analyzing the same. 4,520,652, 6-4-85, Cl. 73-23.000.
- Englund, Rolf A.: *See—*
  - Schibbye, (Lars) Lauritz B.; and Englund, Rolf A., 4,498,849, Cl. 417-299.000.
- Engman, Bo H. S., to Permobil AB. Wheeled chassis. 4,513,832, 4-30-85, Cl. 180-6.500.
- Engman, Bo H. S., to Permobil AB. Foot rest arrangement for wheelchairs. 4,538,857, 9-3-85, Cl. 297-437.000.
- Engman, Guy R., to AB Thorns Mekaniska Verkstad. Adaptive method and apparatus for correcting deviations in the shape of objects. 4,531,391, 7-30-85, Cl. 72-10.000.
- Engnell, David: *See—*
  - Rottler, Donald; and Engnell, David, 4,550,530, Cl. 51-34.00R.
  - Rottler, Donald B.; and Engnell, David, 4,541,620, Cl. 269-46.000.
- Engster, Henry M.: *See—*
  - Snetsinger, David C.; Engster, Henry M.; and Stiebler, Dwaine D., 4,516,531, Cl. 119-18.000.
- Engstrom, Keith A., to Illinois Tool Works Inc. N-key rollover keyboard. 4,517,553, 5-14-85, Cl. 340-365.00S.
- Engstrom, Nils M. L., to Hellgren, Lars G. I.; and Vincent, Jan G. Separable column for chromatography with a detection and signal device and an elution system - in combination or separate. 4,550,594, 11-5-85, Cl. 73-61.10C.
- Engstrom, Thord I.: *See—*
  - Arntyr, Oscar S.; and Engstrom, Thord I., 4,553,876, Cl. 405-50.000.
- Engtech SA: *See—*
  - Kaalstad, Oscar W.; and Reid, Neil G., 4,549,614, Cl. 175-339.000.
- Engwall, Mats A.; and Mulvany, Richard B., to International Business Machines Corporation. Cylindrical type squeeze bearing systems with bearing and driving elements attached in areas of maximum deflection. 4,533,186, 8-6-85, Cl. 308-5.00R.
- Engwall, Mats A., to International Business Machines Corporation. Prestressed cylindrical squeeze bearing member. 4,545,625, 10-8-85, Cl. 308-5.00R.
- Engwert, Gerald H., to Fresh Tech, Inc. Door assembly. 4,518,095, 5-21-85, Cl. 220-260.000.
- Enhanced Energy Systems: *See—*
  - Eisenhawer, Stephen; Mulac, Anthony J.; Donaldson, A. Burl; and Fox, Ronald L., 4,498,542, Cl. 166-303.000.
- Enichimica Secondaria S.p.A.: *See—*
  - Gambaretto, Gian P., 4,529,826, Cl. 570-142.000.
  - Greco, Alberto; and Bertolini, Guglielmo, 4,518,766, Cl. 528-370.000.
  - Invernizzi, Renzo; and Ligorati, Ferdinando, 4,506,027, Cl. 502-9.000.
  - Neri, Carlo; Giroldini, Villiam; Traversoni, Mario; Guizzi, Guido; Perrotti, Emilio; and Rinaldi, Antonio, 4,562,266, Cl. 549-462.000.
  - Radici, Pierino, 4,530,990, Cl. 526-73.000.

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  Bialy, Jan; Penczek, Irena; Maczenski, Stanislaw; and Borensztajn, Marek, 4,556,699, Cl. 526-68.000.
  Romano, Ugo; Rivetti, Franco; and Sasselli, Giacomo, 4,514,339, Cl. 260-453.00P.
  Romano, Ugo; Renzi, Fiorenzo; Rivetti, Franco; and Gagliardi, Claudio, 4,521,577, Cl. 526-261.000.

Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, to Daikin Kogyo Co., Ltd. Working fluids for Rankine cycle. 4,530,773, 7-23-85, Cl. 252-67.000.

Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, to Daikin Kogyo Co., Ltd. Working fluids for the Rankine cycle comprising trichlorofluoromethane and 1,1-difluoroethane, isobutane or octafluorocyclobutane. 4,557,851, 12-10-85, Cl. 252-70.000.

Enjoji, Susumu; and Saito, Koji, to Tokyo Shibaura Denki Kabushiki Kaisha. Probe for ultrasonic-echo planigraphic imaging apparatus. 4,548,210, 10-22-85, Cl. 128-660.000.

Enjoji, Susumu: *See—*
  Sumino, Yoichi; and Enjoji, Susumu, 4,511,984, Cl. 364-415.000.

Enke, Kurt; Hespelt, Achim; Hertler, Eberhard; von der Ohe, Manfred; and Saftien, Udo, to Daimler-Benz Aktiengesellschaft. Wheel suspension system. 4,561,640, 12-31-85, Cl. 267-20.00A.

Enkner, Bernhard: *See—*
  Mullner, Paul; Enkner, Bernhard; and Hubweber, Gerhard, 4,561,883, Cl. 75-10.00R.

Enloe, Kenneth M., to Kimberly-Clark Corporation. Disposable diaper having improved absorbent pad arrangement. 4,501,587, 2-26-85, Cl. 604-385.000.

Enlow, Norman K.: *See—*
  Dydyk, Michael; Enlow, Norman K.; and Tuzzolino, Joseph R., 4,494,087, Cl. 331-107.0DP.

Enlow, William P.: *See—*
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,501,838, Cl. 524-108.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,507,489, Cl. 549-375.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,511,725, Cl. 548-530.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,551,539, Cl. 548-412.000.
  Hechenbleikner, Ingenuin; and Enlow, William P., 4,551,540, Cl. 548-531.000.

Enlund, Birger S. I.: *See—*
  Gadefelt, Bengt G.; and Enlund, Birger S. I., 4,505,348, Cl. 180-89.140.

Enneking, Gerald J.: *See—*
  England, W. Dean; and Enneking, Gerald J., 4,509,498, Cl. 126-288.000.

Ennerdal, Leif: *See—*
  Sylven, Hans; Ennerdal, Leif; and Berg, Lars-Eije, 4,527,313, Cl. 24-464.000.

Ennerfelt, Johan: *See—*
  Brantmark, Hakan; and Ennerfelt, Johan, 4,553,077, Cl. 318-568.000.

Ennerst, Karl: *See—*
  Stoll, Wolfgang; and Ennerst, Karl, 4,514,364, Cl. 423-4.000.

Ennis, Gregory B.: *See—*
  McNamara, Robert P.; Ennis, Gregory B.; Feiertag, Richard J.; and Bauer, Robert K., 4,533,948, Cl. 358-122.000.

Ennis, John J.; and Booher, Robert K., to United States of America, Air Force. Tri-state type driver circuit. 4,540,904, 9-10-85, Cl. 307-473.000.

Ennis, Robert M., Jr.; Coffey, D. Michael; and McGhee, R. Wayne, to Cryomagnetics, Inc. Automatic current lead retractor system for superconducting magnets. 4,544,979, 10-1-85, Cl. 361-19.000.

Enns, Kurt: *See—*
  Byerley, John J.; and Enns, Kurt, 4,517,067, Cl. 204-255.000.
  Byerley, John J.; and Enns, Kurt, 4,519,880, Cl. 204-91.000.
  Byerley, John J.; and Enns, Kurt, 4,526,662, Cl. 204-86.000.

Enns, Silvanus T. Conveyor assemblies for detachable mounting to a tractor. 4,512,687, 4-23-85, Cl. 406-41.000.

Enns, Silvanus T. Large conveyor assemblies for detachable mounting to a tractor. 4,526,265, 7-2-85, Cl. 198-318.000.

Ennyu, Katsusuke: *See—*
  Yamamura, Yuichi; Azuma, Ichiro; Ennyu, Katsusuke; and Aoki, Osamu, 4,543,253, Cl. 514-21.000.

Enochs, Frank L.; and Kohler, Michael B., to Frito-Lay, Inc. Container handling system. 4,560,058, 12-24-85, Cl. 198-426.000.

Enoki, Takashi; Nakamura, Hiroaki; and Nakashima, Fujio, to Hitachi, Ltd. Function selecting method and system for an audio/video recording and reproducing system. 4,525,820, 6-25-85, Cl. 369-2.000.

Enoki, Takashi: *See—*
  Nakashima, Fujio; Enoki, Takashi; and Nakashima, Kazuto, 4,496,947, Cl. 340-825.240.

Enokido, Nobuo: *See—*
  Tanaka, Toru; Iwatani, Kazutoshi; Enokido, Nobuo; Murakami, Atsushi; and Yamaguchi, Yukio, 4,525,554, Cl. 526-124.000.

Enokita, Ryuzou: *See—*
  Haneishi, Tatsuo; Okazaki, Takao; Torikata, Akio; Nakajima, Mutsuo; Enokita, Ryuzou; Katayama, Toshiaki; and Iwado, Seigo, 4,557,933, Cl. 424-118.000.

Enokiya, Masashi: *See—*
  Yahagi, Masakichi; Kinoshita, Kimiaki; and Enokiya, Masashi, 4,503,446, Cl. 346-209.000.

Enomec s.r.l.: *See—*
  Cucchetto, Federico, 4,530,433, Cl. 198-695.000.

Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, to Nippon Shinyaku Co., Ltd. Pharmaceutically active 4-hydroxy-3-benzoyl-2-quinolone derivatives. 4,526,894, 7-2-85, Cl. 514-312.000.

Enomoto, Hiroshi; Kawamata, Masanobu; Nomura, Akira; Aoyagi, Yoshiaki; and Ueda, Fusao, to Nippon Shinyaku Co., Ltd. Finely pulverized 2,4-diamino-6-(2,5-dichloro-phenyl)-1,3,5-triazine and pharmaceutically acceptable acid addition salts thereof. 4,532,238, 7-30-85, Cl. 514-245.000.

Enomoto, Hiroshi: *See—*
  Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.
  Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, 4,554,289, Cl. 514-450.000.

Enomoto Industry Co., Ltd.: *See—*
  Enomoto, Yukio, 4,544,060, Cl. 198-495.000.

Enomoto, Kiyoshige; and Iwata, Masao, to Oppama Kogyo Kabushiki Kaisha. Contactless ignition device for internal combustion engines. 4,515,140, 5-7-85, Cl. 123-603.000.

Enomoto, Koji: *See—*
  Suzuki, Kunihiko; and Enomoto, Koji, 4,560,025, Cl. 180-247.000.

Enomoto, Kouji: *See—*
  Katano, Hiroki; Nishida, Hisato; Semba, Katsumi; Enomoto, Kouji; and Uchida, Kazu, 4,560,198, Cl. 296-185.000.

Enomoto, Masao, to Ichikoh Industries Limited. Motor-driven remote control mirror device with shaft portion pivot not coincident with shaft axis. 4,506,954, 3-26-85, Cl. 350-634.000.

Enomoto, Masao, to Ichikoh Industries Limited. Electric remote control mirror with half-ball portion. 4,555,166, 11-26-85, Cl. 350-634.000.

Enomoto, Masao: *See—*
  Sunagawa, Makoto; Goda, Koshiro; Enomoto, Masao; and Sasaki, Akira, 4,556,514, Cl. 260-239.00A.

Enomoto, Masaru; Kimura, Kenji; and Kawada, Keiichi, to Honda Giken Kogyo Kabushiki Kaisha. Valve-actuating mechanism for three-valve internal-combustion engine. 4,519,364, 5-28-85, Cl. 123-432.000.

Enomoto, Mitsutaka: *See—*
  Ishiguro, Mamoru; and Enomoto, Mitsutaka, 4,528,600, Cl. 360-14.100.

Enomoto, Ryo; Yamauchi, Hidetoshi; and Tanikawa, Shoji, to Ibiden Co., Ltd. Silicon carbide substrates and a method of producing the same. 4,499,147, 2-12-85, Cl. 428-428.000.

Enomoto, Ryo, to Ibigawa Electric Industry Co., Ltd. Process for the production of silicon carbide sintered bodies. 4,526,734, 7-2-85, Cl. 264-13.000.

Enomoto, Ryo; and Amino, Toshikazu, to Ibiden Kabushiki Kaisha. Process for producing ultrafine silicon carbide powder. 4,529,575, 7-16-85, Cl. 423-345.000.

Enomoto, Ryo; and Tsukada, Kiyotaka, to Ibiden Kabushiki Kaisha. Method of producing a silicon carbide sintered compact. 4,537,735, 8-27-85, Cl. 264-63.000.

Enomoto, Ryo; and Tsukada, Kiyotaka, to Ibiden Kabushiki Kaisha. Process for producing a power composition for producing sintered ceramic articles. 4,540,677, 9-10-85, Cl. 501-151.000.

Enomoto, Seiji: *See—*
  Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.
  Takemae, Yoshihiro; Nozaki, Shigeki; Kabashima, Katsuhiko; and Enomoto, Seiji, 4,496,850, Cl. 307-269.000.
  Takemae, Yoshihiro; Ohira, Tsuyoshi; and Enomoto, Seiji, 4,504,929, Cl. 365-210.000.

Enomoto, Shigeo: *See—*
  Aoki, Harumi; Enomoto, Shigeo; Morisawa, Tahei; and Urano, Fumio, 4,558,368, Cl. 358-228.000.

Enomoto, Yoichi: *See—*
  Murakami, Toshiaki; Enomoto, Yoichi; and Inamura, Takahiro, 4,521,682, Cl. 250-211.00J.

Enomoto, Yuji, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for surface treatment by ion bombardment. 4,500,564, 2-19-85, Cl. 427-39.000.

Enomoto, Yuji: *See—*
  Matsuda, Kiyofumi; Eiju, Tomoaki; Enomoto, Yuji; and Yoshida, Yoshitaro, 4,529,310, Cl. 356-349.000.
  Watanabe, Tadahiko; Tsuya, Yuko; and Enomoto, Yuji, 4,492,764, Cl. 501-87.000.
  Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.

Enomoto, Yukio, to Enomoto Industry Co., Ltd. Chip transporting conveyor. 4,544,060, 10-1-85, Cl. 198-495.000.

Enos, John F.: *See—*
  LaConti, Anthony B.; Enos, John F.; Dempsey, Russell M.; and Fragala, Anthony R., 4,528,083, Cl. 204-265.000.

Enoxy Chimica S.p.A.: *See—*
  Carbonaro, Antonio; and Ferraro, Domenico, 4,525,549, Cl. 526-92.000.

Enpuku, Yoshihiko: *See—*
  Kunieda, Hiroshi; Yamamoto, Hiroshi; Nishkawa, Yuji; and Enpuku, Yoshihiko, 4,557,897, Cl. 422-15.000.

- Enqvist, Johan R., to A. Ahlstrom Osakeyhtio. Bioreactor. 4,514,297, 4-30-85, Cl. 210-194.000.
- Enright, Philip G.; Hughes, Ian R.; and Jordan, Richard M., to Alcan International Limited. Casting metals. 4,522,784, 6-11-85, Cl. 420-590.000.
- Enrique Garcia Associates: *See—*
  - Garcia, Enrique, 4,498,262, Cl. 52-173.00R.
- Enriquez, Emanuel E., to Westinghouse Electric Corp. Elevator system. 4,555,724, 11-26-85, Cl. 358-93.000.
- ens Bio Logicals Inc.: *See—*
  - Ogilvie, Kelvin K., 4,501,744, Cl. 514-245.000.
- Ensamblaje y Manipulacion Industrial, S.A. (EMINSA): *See—*
  - Cano, Manuel I., 4,551,193, Cl. 156-423.000.
- ENSCO, Inc.: *See—*
  - Carbeau, Richard W.; Martin, James F.; Lanier, John H.; and Holt, William L., 4,520,741, Cl. 110-344.000.
- Enscore, David J.; and Gale, Robert M., to ALZA Corporation. Matrix composition for transdermal therapeutic system. 4,559,222, 12-17-85, Cl. 424-28.000.
- Enser, Mats A.: *See—*
  - Edlund, Olof A.; Enser, Mats A.; Strage, Jan W.; Thunberg, Svante B.; and Wallmark, Erik I., 4,513,393, Cl. 364-900.000.
- Ensign-Bickford Industries, Inc.: *See—*
  - Skutnik, Bolesh J., 4,511,209, Cl. 350-96.340.
  - Tietje, Andreas, 4,556,795, Cl. 250-324.000.
- Ensign, Harold W.; and Griswold, Donald G., to CLA-VAL Co. Method and apparatus for control of a turbine generator. 4,496,845, 1-29-85, Cl. 290-43.000.
- Ensing, Lukas, to Shell Internationale Research Maatschappij B.V. Transmitter for an electromagnetic survey system with improved power supply switching system. 4,535,292, 8-13-85, Cl. 324-330.000.
- Ensley, Burt D., Jr., to Amgen. Microbial production of indigo. 4,520,103, 5-28-85, Cl. 435-121.000.
- Ensley, Kenneth L.: *See—*
  - Moles, Oliver W.; Ensley, Kenneth L.; and Perkins, Haywood A., 4,562,048, Cl. 423-81.000.
- Ensminger, Dale, to Battelle Memorial Institute. Bonding capsules. 4,554,034, 11-19-85, Cl. 156-69.000.
- Ensminger, Joseph M., to Du Pont de Nemours, E. I., and Company. Electrical connector with dual position latches. 4,496,207, 1-29-85, Cl. 339-99.00R.
- Ensminger, Robert J., to Arthur G. Russell Company, Incorporated, The. Article transfer mechanism. 4,534,696, 8-13-85, Cl. 414-751.000.
- Enso-Gutzeit Oy: *See—*
  - Kipelainen, Ossi; Kuhasalo, Antti; and Kyytsonen, Juhani, 4,491,067, Cl. 100-121.000.
  - Koskinen, Ensio; and Yli-Vakkuri, Erkki, 4,502,171, Cl. 8-156.000.
  - Lintunen, Tuomo, 4,544,448, Cl. 162-360.100.
  - Puumalainen, Pertti; Rantanen, Rauno; and Sikanen, Pertti, 4,543,487, Cl. 250-493.100.
  - Vikio, Pentti, 4,549,964, Cl. 210-369.000.
- Ensor, Paul M. D.; and Bassett, Neville C., to Broken Hill Proprietary Company Limited, The. Centrifugal separation method and apparatus. 4,533,468, 8-6-85, Cl. 209-172.000.
- Ensotech, Inc.: *See—*
  - Sabherwal, Inderjit H., 4,530,765, Cl. 210-663.000.
- Enssle, Gerhard. Anchorage for climbing irons in parts of concrete or the like. 4,528,791, 7-16-85, Cl. 52-699.000.
- Entac Company, Limited: *See—*
  - Nozawa, Yoshikuni, 4,538,083, Cl. 310-198.000.
- Entech, Inc.: *See—*
  - O'Neill, Mark J., 4,545,366, Cl. 126-440.000.
- Entenmann, Robert: *See—*
  - Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, 4,562,544, Cl. 364-431.110.
- Enter, Rudolf; and Laverty, Michael P., to NCR Canada Ltd. Self-adjusting sensor controller. 4,520,270, 5-28-85, Cl. 250-560.000.
- Enterline, Larry L.; and Kaya, Azmi, to Babcock & Wilcox Company, The. Integrated control of output and surge for a dynamic compressor control system. 4,562,531, 12-31-85, Cl. 364-164.000.
- Enterra Corporation: *See—*
  - Norman, Edward C.; and Dowell, Howard A., 4,525,501, Cl. 524-28.000.
- Entes, Peter C., to Smiths Food Group B.V. Apparatus for washing slices of a tuberous plant. 4,549,478, 10-29-85, Cl. 99-536.000.
- Enthone, Incorporated: *See—*
  - Bastenbeck, Edwin W., 4,554,049, Cl. 156-656.000.
  - Paneccasio, Vincent, 4,512,856, Cl. 204-55.00R.
  - Waggoner, John, 4,514,586, Cl. 174-35.0MS.
- Entner, Bernard J.: *See—*
  - Kaufman, Harold B., Jr.; McCarthy, John P.; Entner, Bernard J.; and Wallenfels, Kurt, 4,556,572, Cl. 426-289.000.
- Entrekin, Robert R., to Biomedics, Inc. Fetal heartbeat doppler transducer. 4,503,861, 3-12-85, Cl. 128-661.000.
- Entrepose d'Equipements Mecaniques et Hydrauliques E.M.H.: *See—*
  - Andrier, Bernard, 4,505,620, Cl. 405-224.000.
- Entrepose G.T.M. pour les Travaux Petroliers Maritimes et PM: *See—*
  - Andrier, Bernard, 4,505,620, Cl. 405-224.000.
- Entrepose Travaux Publics: *See—*
  - Grandpierre, Cyril M., 4,522,527, Cl. 403-49.000.
- Entreprise Generale Industrielle: *See—*
  - Tzincoca, Alexandre, 4,540,150, Cl. 249-20.000.
- Entreprise Hartmann Pere et Fils: *See—*
  - Hartmann, Michel, 4,504,221, Cl. 432-137.000.
- Entreprise Lyskawa S.A.: *See—*
  - Lyskawa, Edmond; Roger, Paul; Marquis, Jean; and Canivez, Etienne, 4,545,860, Cl. 201-41.000.
- Entreprises Buzzichelli: *See—*
  - Buzzichelli, Lilian; and Roy, Kleber (said Kle ber Roy assors. to), 4,491,227, Cl. 212-196.000.
- Entron Technologies, Inc.: *See—*
  - Trembley, John F., 4,546,226, Cl. 219-10.810.
- Entrop, Willem: *See—*
  - van der Laan, Jan G. J.; and Entrop, Willem, 4,516,860, Cl. 366-287.000.
- Entwistle, Ian D.; and Boehm, Peter, to Shell Oil Company. Anti-coagulants of the 4-hydroxycoumarin type and rodenticidal compositions (baits) comprising such anti-coagulants. 4,520,007, 5-28-85, Cl. 424-17.000.
- Entwistle, Stanley D., to Northern Telecom Limited. Testing of wire prior to plating. 4,505,159, 3-19-85, Cl. 73-847.000.
- Enuma Chain Manufacturing Co., Ltd.: *See—*
  - Ogino, Teiji, 4,494,945, Cl. 474-231.000.
- Envirex Inc.: *See—*
  - Boyle, William H., 4,555,340, Cl. 210-248.000.
  - Koelsch, Lester M., 4,549,962, Cl. 210-150.000.
- Enviro-Spray System Incorporated: *See—*
  - Magid, David J., 4,553,685, Cl. 222-1.000.
- Enviro-Spray Systems Incorporated: *See—*
  - Banks, Russell; and Magid, David J., 4,510,734, Cl. 53-449.000.
  - Bittner, Norman, 4,531,341, Cl. 53-117.000.
  - Magid, David J., 4,513,884, Cl. 222-94.000.
- Envirocor Limited: *See—*
  - Durston, David S., 4,559,067, Cl. 55-324.000.
- Environmental Air Control, Inc.: *See—*
  - Davis, George B., 4,560,395, Cl. 55-276.000.
- Environmental Control Technology, Inc.: *See—*
  - Pugnaire, Jean-Pierre A., 4,545,255, Cl. 73-726.000.
- Environmental Design, Inc.: *See—*
  - Wagner, Louis E.; Flannery, Harold F.; and Rakoczynski, Randolph W., 4,543,013, Cl. 405-128.000.
- Environmental Equipment Corporation: *See—*
  - Hussey, Ian G., 4,499,970, Cl. 187-9.00R.
- Environmental Interiors, Inc.: *See—*
  - Head, Thomas F., 4,541,216, Cl. 52-484.000.
- Environmental Products Corporation: *See—*
  - DeWoolfson, Bruce H., 4,492,295, Cl. 194-4.00C.
- Environmental Protection Systems, Limited: *See—*
  - Roydhouse, Richard H., 4,534,944, Cl. 423-210.000.
- Environmental Research Institute of Michigan: *See—*
  - Holsztynski, Wlodzimierz; and Wilson, Stephen S., 4,524,455, Cl. 382-41.000.
  - Lougheed, Robert M.; and Mudge, Trevor N., 4,510,616, Cl. 382-8.000.
  - Lougheed, Robert M., 4,541,116, Cl. 382-49.000.
  - Peterson, Lauren M., 4,509,829, Cl. 350-358.000.
  - Rutenbar, Robin A.; and Lougheed, Robert M., 4,541,114, Cl. 382-8.000.
  - Tai, Anthony M.; and Aleksoff, Carl C., 4,556,950, Cl. 364-827.000.
- Environmental Research & Technology: *See—*
  - Wong-Chong, George M., 4,537,682, Cl. 210-611.000.
- Environmental Safety Products, Inc.: *See—*
  - Trayford, Charles, III; and Petrizzi, Jeffrey M., 4,544,386, Cl. 55-270.000.
- Envirotech Corporation: *See—*
  - Cook, Lynn W., 4,541,210, Cl. 52-82.000.
  - Haymore, Ralph B.; and Winter, Heinz W., 4,515,694, Cl. 210-531.000.
  - Jackson, Michael A., 4,551,285, Cl. 261-87.000.
  - Janecek, Kenneth F., 4,561,978, Cl. 210-401.000.
- Envopak Limited: *See—*
  - Adamson, Donald, 4,501,049, Cl. 24-30.50P.
- Enyedy, Roseann M.: *See—*
  - Dolhyj, Serge R.; and Enyedy, Roseann M., 4,508,848, Cl. 502-239.000.
- Enyi, Donatus O. Nuke awareness game. 4,560,170, 12-24-85, Cl. 273-248.000.
- Enzyme Systems Products: *See—*
  - Rasnick, David W.; and Bissell, Eugene R., 4,505,852, Cl. 260-112.50R.
- Enzyme Technology Company: *See—*
  - Stout, Robert L., 4,521,511, Cl. 435-28.000.
- Eoff, James M., to United States of America, Energy. Non-bonded piezoelectric ultrasonic transducer. 4,544,859, 10-1-85, Cl. 310-335.000.
- Eoga, Anthony B. J., to Warner-Lambert Company. Controlled fade effervescing cleanser. 4,499,001, 2-12-85, Cl. 252-99.000.
- Eoga, Anthony B. J., to Warner-Lambert Company. Cleaner having improved dissolution time and clarity and improved of preparation. 4,518,520, 5-21-85, Cl. 252-174.230.
- Eoga, Anthony B. J., to Warner-Lambert Company. Denture cleaner having improved dissolution time and clarity and method of preparation. 4,540,504, 9-10-85, Cl. 252-99.000.
- Eotec Corporation: *See—*
  - Krohn, David A.; Buffone, Louis A.; and Vinarub, Edmond I., 4,500,870, Cl. 340-347.00P.
- Eouzan, Jean Y.; and Boyer, Robert, to Thomson-CSF. Digital circuit for the level alignment of an analog signal. 4,562,471, 12-31-85, Cl. 358-172.000.

Eouzan, Jean-Yves, to Thomson-CSF. Line transfer imager and television camera including such an imager. 4,528,595, 7-9-85, Cl. 358-213.000.

Epel, Joseph N.; and Wilkinson, Robert E., to Budd Company, The. Compression molding apparatus having vacuum chamber. 4,551,085, 11-5-85, Cl. 425-405.00R.

Epenoy, Gabriel; and Kuhne, Roland, to International Business Machines Corporation. Data transmission system. 4,558,455, 12-10-85, Cl. 375-112.000.

Epes, Jack R. Method and apparatus for inserting insulation in preexisting building structures. 4,509,304, 4-9-85, Cl. 52-127.300.

Epic International Corporation: *See—*
Lewis, William D., 4,500,294, Cl. 433-215.000.

Epic Metals Corporation: *See—*
Landis, Donald H., 4,507,900, Cl. 52-221.000.

Epina, August P.: *See—*
Permut, Ronald; Cope, Robert; Apple, James; Epina, August P.; and Munro, Frederick G., 4,550,884, Cl. 242-189.000.

Epino, Jose G. Apparatus for adjusting the spacing between sheaves. 4,540,387, 9-10-85, Cl. 474-136.000.

Epishin, Pavel P.: *See—*
Telis, Alexandr I.; Epishin, Pavel P.; Korzhov, Viktor I.; Makarov, Gennady A.; Kotlyarenko, Iosif Y.; and Grischenko, Nikolai V., 4,506,143, Cl. 219-497.000.

Epp, Leonard: *See—*
Waynant, Ronald W.; Epp, Leonard; and Christensen, Clad P., Jr., 4,513,424, Cl. 372-68.000.

Eppenbach, Lawrence C. Tent. 4,491,141, 1-1-85, Cl. 135-104.000.

Eppendorf Geratebau Netheler & Hinz GmbH: *See—*
Baldszun, Karl; Grazianski, Thomas; and Kuhn, Gunther, 4,560,269, Cl. 356-246.000.
Gronholz, Claus; and Schmidt-Rabenau, Hartmut, 4,533,255, Cl. 366-108.000.

Epple, Anton: *See—*
Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, 4,559,663, Cl. 15-250.350.

Eppler, Susan G.: *See—*
Moorehead, Robert M.; Eppler, Susan G.; and Anderson, Mardis V., 4,507,735, Cl. 364-422.000.

Eppolito, John: *See—*
Gentleman, Wally; and Eppolito, John, 4,527,872, Cl. 352-89.000.

Eppstein, Deborah A.; Fraser-Smith, Elizabeth B.; and Matthews, Thomas R., to Syntex (U.S.A.) Inc. Serial injection of muramyldipeptides and liposomes enhances the anti-infective activity of muramyldipeptides. 4,522,811, 6-11-85, Cl. 514-2.000.

EPR Corporation: *See—*
Charney, Joseph C.; Goodman, Phillip M.; and Morgan, Robert H., 4,537,522, Cl. 401-218.000.

Eprova Ag Forschungsinstitut: *See—*
Muller, Hans-Rudolf; and Bollinger, Heinrich, 4,537,714, Cl. 260-112.50R.

Eprova Aktiengesellschaft: *See—*
Felder, Ernst; Bianchi, Sergio; and Bollinger, Heinrich, 4,503,252, Cl. 564-474.000.

EPSM Inc.: *See—*
Beliveau, Jean L., 4,557,093, Cl. 52-405.000.
Beliveau, Jean L., 4,557,094, Cl. 52-405.000.

Epson Corporation: *See—*
Akazawa, Hiroyuki; and Yoshiie, Kazue, 4,492,484, Cl. 400-248.000.
Akazawa, Hiroyuki, 4,500,023, Cl. 226-76.000.
Akazawa, Hiroyuki, 4,518,269, Cl. 400-124.000.
Akazawa, Hiroyuki, 4,525,085, Cl. 400-59.000.
Hirano, Seiichi, 4,500,892, Cl. 346-76.0PH.
Hoshikawa, Jun; Iwashita, Yukihiro; and Suzuawa, Osamu, 4,526,818, Cl. 428-1.000.
Hosogaya, Hiroshi, 4,491,046, Cl. 83-589.000.
Iijima, Chiyoaki, 4,522,470, Cl. 350-350.00R.
Ikeda, Yoshito; Fujiwara, Hitoshi; Gomi, Yoshifumi; Matsuzawa, Masanao; and Hirashima, Yasuhito, 4,553,865, Cl. 400-124.000.
Koto, Haruhiko, 4,520,374, Cl. 346-140.00R.
Koto, Haruhiko, 4,525,728, Cl. 346-140.00R.
Koto, Haruhiko, 4,546,362, Cl. 346-140.00R.
Mori, Masahiko; Arai, Kenichiro; and Tezuka, Chikao, 4,534,665, Cl. 400-145.200.
Shingu, Hiroshi, 4,550,980, Cl. 350-349.000.
Takahashi, Shunetsu, 4,533,924, Cl. 346-49.000.

Epstein, David I.: *See—*
Holland, Charles J.; Holberger, Kenneth D.; Epstein, David I.; Reilly, Paul; and Rosen, Josh, 4,554,627, Cl. 364-200.000.

Epstein, David M.: *See—*
Herlihy, Walter C.; Epstein, David M.; and Felger, Carl B., 4,546,096, Cl. 514-25.000.

Epstein, Harry, to Kastar, Inc. Feeler gage mounting system. 4,498,239, 2-12-85, Cl. 33-168.00R.

Epstein, James; and Marincic, Nikola, to Battery Engineering Inc. Electrochemical cell. 4,507,857, 4-2-85, Cl. 29-623.200.

Epstein, Joseph W.; McKenzie, Thomas C.; and Fanshawe, William J., to American Cyanamid Company. 1-aryl-3-azabicyclo[3.2.0]heptanes. 4,544,665, 10-1-85, Cl. 514-412.000.

Epstein, Joseph W.: *See—*
McKenzie, Thomas C.; Fanshawe, William J.; and Epstein, Joseph W., 4,529,736, Cl. 514-411.000.

Epstein, Michael M.: *See—*
Erbstoesser, Steven R.; Cooke, Claude E., Jr.; Sinclair, Richard G.; and Epstein, Michael M., 4,526,695, Cl. 252-8.55R.

Epstein, Paul; Ballas, John S., Jr.; Mandler, John J., Jr.; and Van Horn, Joseph M., to American Home Products Corporation (Del.). Fetal heart rate monitor apparatus and method for combining electrically and mechanically derived cardiographic signals. 4,519,396, 5-28-85, Cl. 128-698.000.

Epstein, Saul. Clinical instrument for measuring pulse rate and body temperature. 4,493,564, 1-15-85, Cl. 374-179.000.

Epstein, Saul. Electronic thermometer. 4,537,516, 8-27-85, Cl. 374-1.000.

Epsztein, Bernard; and Guyot, Lucien, to Thomson-CSF. Device for producing televised pictures with a charge transfer matrix. 4,517,603, 5-14-85, Cl. 358-213.000.

Epworth, Richard E., to International Standard Electric Corporation. Optical transmission system. 4,533,247, 8-6-85, Cl. 356-345.000.

Epworth, Richard E., to International Standard Electric Corporation. Optical frequency modulation system. 4,561,119, 12-24-85, Cl. 455-609.000.

Equi, John E. Compact expansion chamber for small engines. 4,531,364, 7-30-85, Cl. 60-314.000.

Equipements Automobiles Marchal: *See—*
Auzolat, Jean, 4,497,084, Cl. 15-250.340.
Ecole, Auguste L., 4,514,669, Cl. 318-443.000.
Gagneux, Georges C., 4,559,465, Cl. 310-242.000.
Guipaud, Serge, 4,527,524, Cl. 123-425.000.
Muller, Guy L.; Fraioli, Daniel F.; and Oulie, Michel B., 4,539,185, Cl. 422-233.000.
N Gueyen, Huu-Can, 4,557,223, Cl. 123-41.120.
Ragot, Roger A.; and Wolf, Claude J., 4,502,178, Cl. 15-250.340.
Wattier, Maurice F., 4,512,056, Cl. 15-250.230.

Equipment Company of America: *See—*
Kedem, Tuval, 4,497,501, Cl. 280-43.120.
Thompson, Larry J., 4,506,796, Cl. 211-59.400.

Equipment Systems & Devices, Inc.: *See—*
Wilfong, Evan C.; and Anno, Tesfaye, 4,515,262, Cl. 194-1.00G.

Equitable Bag Co., Inc.: *See—*
Wilson, James R., 4,493,110, Cl. 383-27.000.

Era, Vaino : *See—*
Lindberg, Jarl J.; Era, Vaino ; and Strom, Erkki, 4,556,425, Cl. 106-14.230.

Erani, Homi K. Saddle assembly. 4,512,608, 4-23-85, Cl. 297-201.000.

Erard, Henri. Adjustable television/video recorder stand incorporating a cassette-holder. 4,541,343, 9-17-85, Cl. 108-92.000.

Erard, Raoul-Henri. Watch with indicator of lunar phases. 4,548,512, 10-22-85, Cl. 368-15.000.

Erasmus, Stephen J.: *See—*
Smith, Kenneth C. A.; and Erasmus, Stephen J., 4,514,629, Cl. 250-311.000.

Erb, Darrell M., to Advanced Micro Devices, Inc. Method of manufacturing high capacity semiconductor capacitance devices. 4,507,159, 3-26-85, Cl. 148-190.000.

Erb, Robert C. Universal microslad. 4,494,540, 1-22-85, Cl. 128-303.100.

Erb, Robert C. Endoscopic laser coupler and control apparatus. 4,528,983, 7-16-85, Cl. 128-303.100.

Erben, Edwin; Muhlratzer, August; Bertinger, Roland; Cornils, Boy; Tihanyi, Bela; and DeWin, Werner, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Selectively absorbent layer for solar collectors, and method of making it. 4,551,328, 11-5-85, Cl. 423-607.000.

Erben, Edwin: *See—*
Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August, 4,510,182, Cl. 427-162.000.

Erbstoesser, Steven R.; Cooke, Claude E., Jr.; Sinclair, Richard G.; and Epstein, Michael M., to Exxon Production Research Co. Composition for reducing the permeability of subterranean formations. 4,526,695, 7-2-85, Cl. 252-8.55R.

Erburt, George A.: *See—*
Gellman, Gary; Erburt, George A.; and Roe, James E., 4,551,343, Cl. 426-549.000.

Erchegyi, Judit: *See—*
Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.

Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, to Hoechst Aktiengesellschaft. Process for hydrolyzing cellulose-containing material with gaseous hydrogen fluoride. 4,556,431, 12-3-85, Cl. 127-37.000.

Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, to Hoechst Aktiengesellschaft. Process for hydrolyzing cellulose-containing material with gaseous hydrogen fluoride. 4,556,432, 12-3-85, Cl. 127-37.000.

ERCO Industries Limited: *See—*
Rapson, W. Howard; and Fredette, Maurice C. J., 4,534,952, Cl. 423-478.000.
Ryan, Kevin P.; and Yank, Carl D., 4,526,766, Cl. 423-322.000.

Erco Leuchten GmbH, Firma: *See—*
Schwarzfischer, Peter; Schmitz, Jochen; and Scheller, Peter, 4,543,009, Cl. 403-201.000.

Erdelyi, Miklos: *See—*
Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.

Erdle, Jack A., to Eldre Components, Inc. Laminated bus bar containing multilayer ceramic capacitors. 4,517,406, 5-14-85, Cl. 174-72.00B.

Erdman, David M., to General Electric Company. Laundering apparatus, method of operating a laundry machine, control system for an electronically commutated motor, and method of operating an electronically commutated motor. 4,513,230, 4-23-85, Cl. 318-254.000.

Erdman, David M.; and Harms, Harold B., to General Electric Company. Laundering apparatus, method of operating a laundry machine, control system for an electronically commutated motor and method of operating an electronically commutated motor. 4,532,459, 7-30-85, Cl. 318-138.000.

Erdman, David M., to General Electric Company. Laundering apparatus, method of operating a laundry machine, control system for an electronically commutated motor, method of operating an electronically commutated motor, and circuit. 4,556,827, 12-3-85, Cl. 318-254.000.

Erdman, Timothy R., to Chevron Research Company. Dispersant lubricating oil additives. 4,521,319, 6-4-85, Cl. 252-47.500.

Erdman, Timothy R., to Chevron Research Company. Dispersant lubricating oil additives. 4,548,722, 10-22-85, Cl. 252-33.000.

Erdmann, Fritz; and Simon, Ulrich, to Hoechst Aktiengesellschaft. Process of preparing light-sensitive naphthoquinonediazidesulfonic acid ester. 4,555,469, 11-26-85, Cl. 430-168.000.

Erdmann, Fritz: *See—*

Lutz, Walter; Steppan, Hartmut; and Erdmann, Fritz, 4,492,748, Cl. 430-175.000.

Erdmann, Joachim C.; and Gellert, Robert I., to Boeing Company, The. Retro-reflective electro-optical angle measuring system. 4,492,465, 1-8-85, Cl. 356-152.000.

Erdmann, Jurgen; Buchholz, Karl O.; and Knappe, Hartmut, to Erwin Sick GmbH Optik-Elektronik. Electronic apparatus comprising an input stage with a binary output connected to a relay control circuit. 4,523,251, 6-11-85, Cl. 361-152.000.

Erdmann, Otto; and Deutsch, Reinhard, to Hauni-Werke Korber & Co. KG. Apparatus for accumulating arrays of cigarettes or the like. 4,503,967, 3-12-85, Cl. 198-419.000.

Erdmannsdorfer, Hans; Wagner, Manfred; Numrich, Rudi; and Weyh, Gerd, to Filterwerk Mann & Hummel GmbH. Method of removing soot from exhaust gases. 4,516,990, 5-14-85, Cl. 55-96.000.

Erdos, Adorjan: *See—*

Ghyczy, Miklos; Erdos, Adorjan; Heidemann, Gunter; and Ritzmann, Gotz, 4,528,193, Cl. 514-78.000.

Erel, David. Apparatus for use as physical exerciser and means of locomotion. 4,508,358, 4-2-85, Cl. 280-234.000.

Eremity, Frank: *See—*

Arway, George; Eremity, Frank; Dick, George; and Pullen, Elaine, 4,555,712, Cl. 346-75.000.

Arway, George; Eremity, Frank; and Huang, Tung M., 4,555,719, Cl. 346-140.00R.

Erett, Richard E.: *See—*

Chou, Wayne W.; and Erett, Richard E., 4,562,306, Cl. 178-22.080.

Erfurt, George A.: *See—*

Gellman, Gary; Erfurt, George A.; and Roe, James E., 4,534,989, Cl. 426-549.000.

Gellman, Gary; Erfurt, George A.; and Roe, James E., 4,534,990, Cl. 426-549.000.

Gellman, Gary; Erfurt, George A.; and Roe, James E., 4,546,001, Cl. 426-549.000.

Erga, Olav, to Sintef. Process for purifying gases containing sulphur dioxide. 4,559,212, 12-17-85, Cl. 423-243.000.

Ergas, Raymond A.; and Muir, Francis, to Chevron Research Company. Robust estimation method for determining when subsequent data processing can include sign-bit representations of full-waveform seismic traces. 4,543,632, 9-24-85, Cl. 364-421.000.

Ergenics Inc.: *See—*

Golben, Peter M., 4,505,120, Cl. 62-48.000.

Lynch, Franklin E.; and Baker, Nathaniel R., 4,520,763, Cl. 123-1.00A.

Meyerhoff, Robert W., 4,544,527, Cl. 422-188.000.

Ergoplic Ltd., An Israel Company: *See—*

Berman, Oded; Eilam, Zohar; and Itzchak, Zeev B., 4,516,950, Cl. 446-297.000.

Erhard, John J.: *See—*

Agnew, Palmer W.; Erhard, John J.; and Kellerman, Anne S., 4,503,516, Cl. 364-900.000.

Erhardt & Leimer GmbH: *See—*

Mohr, Peter R., 4,532,167, Cl. 428-78.000.

Erhardt, Paul W.; Hagedorn, Alfred A., III; Lumma, William C., Jr.; and Wohl, Ronald A., to Schering Aktiengesellschaft. Cardiotonic 1,3-dihydro-4-[[(imidazol-1-yl)aryl]carbonyl]imidazol-2-ones. 4,556,665, 12-3-85, Cl. 514-338.000.

Erhardt, Paul W.; and Woo, Chi, to American Hospital Supply Corporation. Ethylenediamine derivatives of aryloxypropanolamine aryl esters having various medicinal properties. 4,556,668, 12-3-85, Cl. 514-353.000.

Erhardt, Paul W.: *See—*

Matier, William L.; Erhardt, Paul W.; and Patil, Ghanshyam, 4,508,725, Cl. 514-362.000.

Erhardt, Rainer: *See—*

Reinhardt, Erich; and Erhardt, Rainer, 4,523,278, Cl. 364-413.000.

Erhart, Georg, to U.S. Philips Corporation. VCR with improved tape threading and guiding. 4,556,922, 12-3-85, Cl. 360-85.000.

Erich Jaeger GmbH & Co.: *See—*

Eichler, Rudiger, 4,558,710, Cl. 128-720.000.

Erich Scholze GmbH & Co. KG: *See—*

Scholze, Gottfried; Scholze, Dietrich; and Maier, Johannes, 4,505,439, Cl. 242-68.400.

Erickmann, Karl. Fluid motor driven multi propeller aircraft. 4,504,029, 3-12-85, Cl. 244-54.000.

Ericksen, Donald J., to Donaldson Company, Inc. Filter apparatus including apparatus for clamping an air filter element in a filter housing. 4,498,914, 2-12-85, Cl. 55-480.000.

Ericksen, James P.; and Stack, Timothy F., to United Technologies Corporation. Differential receiver with self-adaptive hysteresis. 4,535,294, 8-13-85, Cl. 328-150.000.

Erickson, Alan R.; and Heidt, Marvin W., to Rockwell International Corporation. VSWR tolerant linear power amplifier. 4,547,746, 10-15-85, Cl. 330-298.000.

Erickson, Arnold R.; Panzera, Carlino; and Tolokan, Robert P., to Brunswick Corporation. Ceramic-metal laminate. 4,530,884, 7-23-85, Cl. 428-608.000.

Erickson, Bruce W., to Rockefeller University, The. Synthesis of peptides and proteins. 4,515,920, 5-7-85, Cl. 525-54.110.

Erickson, Chad S., to Alternative Pioneering Systems Inc. Food dehydrator with moisture sensing control. 4,531,306, 7-30-85, Cl. 34-44.000.

Erickson, Chad S., to Alternative Pioneering Systems Inc. Food dehydrator. 4,536,643, 8-20-85, Cl. 219-400.000.

Erickson, Charles D., to Getty Oil Company. Flow rate control and metering means for shear-sensitive liquids. 4,512,188, 4-23-85, Cl. 73-198.000.

Erickson, Charles D., to Smith Meter Inc. Compact flow prover. 4,549,426, 10-29-85, Cl. 73-3.000.

Erickson, Dale C.; and Erickson, Norton J., to Nordale Incorporated. Evaporator apparatus. 4,534,828, 8-13-85, Cl. 159-16.100.

Erickson, Dennis E.: *See—*

Heaps, John F.; and Erickson, Dennis E., 4,517,327, Cl. 524-315.000.

Heaps, John F.; and Erickson, Dennis E., 4,554,319, Cl. 525-155.000.

Erickson, Donald A., to Texas Instruments Incorporated. High density bipolar ROM having a lateral PN diode as a matrix element and method of fabrication. 4,516,223, 5-7-85, Cl. 365-175.000.

Erickson, Donald C., to Air Products and Chemicals, Inc. Controlled temperature expansion in oxygen production by molten alkali metal salts. 4,521,398, 6-4-85, Cl. 423-579.000.

Erickson, Donald C. Cryogenic air separation with cold argon recycle. 4,533,375, 8-6-85, Cl. 62-22.000.

Erickson, Donald P., to Rocky Mountain Sheet Metal Company, Inc. Fixed blade air blender apparatus. 4,495,858, 1-29-85, Cl. 98-38.100.

Erickson, Edward C., to Sales Tools, Inc. Needlework pattern booklet holder. 4,537,380, 8-27-85, Cl. 248-460.000.

Erickson, Eric D.: *See—*

Heller, Carl A.; Erickson, Eric D.; and Greni, Sterling R., 4,496,520, Cl. 422-60.000.

Erickson, Gordon. Hockey game. 4,560,163, 12-24-85, Cl. 273-85.00R.

Erickson, Jack A.: *See—*

Davich, Luke J.; Erickson, Jack A.; and Proulx, Richard W., 4,509,428, Cl. 102-466.000.

Davich, Luke J.; Erickson, Jack A.; and Proulx, Richard W., 4,514,352, Cl. 264-230.000.

Erickson, James L. Combined distillation apparatus and hot liquid system. 4,549,936, 10-29-85, Cl. 202-167.000.

Erickson, James R.: *See—*

Abbey, Kirk J.; Erickson, James R.; and Kunz, Barbara L., 4,512,860, Cl. 204-181.00C.

Abbey, Kirk J.; and Erickson, James R., 4,522,962, Cl. 523-410.000.

Abbey, Kirk J.; and Erickson, James R., 4,525,260, Cl. 204-181.700.

Erickson, John K.: *See—*

Daniels, Steven D.; Stoneham, Jeffrey R.; and Erickson, John K., 4,507,254, Cl. 264-1.900.

Erickson, John W., to Boltswitch, Inc. Pull out fusible switches. 4,536,046, 8-20-85, Cl. 339-31.00M.

Erickson, Lawrence R.: *See—*

Beversdorf, Wallace D.; Erickson, Lawrence R.; and Grant, Ian, 4,517,763, Cl. 47-58.000.

Erickson, Lloyd A., to Illinois Tool Works Inc. Gasket fastener arrangement. 4,535,565, 8-20-85, Cl. 49-493.000.

Erickson, Mark R.; and Kaehler, James A., to Atlantic Richfield Company. Heliostat control employing direct current motor. 4,536,847, 8-20-85, Cl. 364-516.000.

Erickson, Mervin L. Selectively free wheeling or drive hub for vehicles. 4,555,197, 11-26-85, Cl. 403-1.000.

Erickson, Nancy D., to Ende Company. Substrate with differential adhesion. 4,554,193, 11-19-85, Cl. 428-40.000.

Erickson, Norton J.: *See—*

Erickson, Dale C.; and Erickson, Norton J., 4,534,828, Cl. 159-16.100.

Erickson, Paul R.; and Pietila, Kenneth A., to Rexnord Inc. Method and system for recovering coal fines from pipe line coal slurry. 4,544,490, 10-1-85, Cl. 210-713.000.

Erickson, Robert A.: *See—*

Hill, John B.; and Erickson, Robert A., 4,529,811, Cl. 560-121.000.

Erickson, Robert E., to Dow Chemical Company, The. Creped absorbent composites. 4,500,585, 2-19-85, Cl. 428-152.000.

Erickson, Robert E.: *See—*

Scott, Laurie J.; Erickson, Robert E.; and Wallace, Theodore C., 4,529,739, Cl. 521-72.000.

Erickson, Vernon G. Self-propelled, foldable grain conveyor. 4,530,429, 7-23-85, Cl. 198-313.000.

Erickson, Wade A. Hand operated weeding device with operating depth stabilizer plate and weed displacer strip. 4,515,223, 5-7-85, Cl. 172-372.000.

- Erico Products, Inc.: *See—*
  - Kies, Anton M., 4,526,437, Cl. 339-272.00R.
  - Kies, Anton M.; and Samas, Mark V., 4,526,496, Cl. 408-179.000.
- Ericson, A. Earle: *See—*
  - Berger, Harvey L.; Ericson, A. Earle; and Levine, Carl, 4,541,564, Cl. 239-102.000.
- Ericson, Charles P.; and Shadzi, Bahram, to Magnegic Peripherals. High speed coating process for magnetic disks. 4,551,355, 11-5-85, Cl. 427-48.000.
- Ericson, Kurt S. B.; and van Olst, Gijsbrecht H. J., to Ericson, Kurt Sture Birger. Hydraulic device for the drainage of waste water. 4,524,795, 6-25-85, Cl. 137-216.200.
- Ericson, Kurt S. B. Automatic air valve device for ducts. 4,535,807, 8-20-85, Cl. 137-533.310.
- Ericson, Kurt Sture Birger: *See—*
  - Ericson, Kurt S. B.; and van Olst, Gijsbrecht H. J., 4,524,795, Cl. 137-216.200.
- Ericsson, Inc.: *See—*
  - Harris, Robert N.; and McGuire, Michael E., 4,508,278, Cl. 242-1.000.
- Ericsson, Lars A.: *See—*
  - Wiklund, Klas R.; and Ericsson, Lars A., 4,521,973, Cl. 33-366.000.
- Ericsson, Sylve J. D. Silk-screen printing machine having an endless conveyor and registration for the printed on material. 4,492,163, 1-8-85, Cl. 101-126.000.
- Ericsson, Sylve J. D., to Svecia Silkscreen Maskiner AB. Method and arrangement for positioning a second pattern originating from a pattern formed on a stencil in relation to a material intended for the pattern. 4,516,495, 5-14-85, Cl. 101-129.000.
- Ericsson, Sylve J. D. Arrangement for drying printed material. 4,526,101, 7-2-85, Cl. 101-416.00R.
- Ericsson, Sylve J. D., to Svecia Silkscreen Maskiner AB. Drying plant for drying printed material. 4,538,358, 9-3-85, Cl. 34-4.000.
- Ericsson, Sylve J. D., to Svecia Silkscreen Maskiner AB. Drier intended to dry print on a material. 4,545,131, 10-8-85, Cl. 34-4.000.
- Ericsson, Sylve J. D., to Svecia Silkscreen Maskiner AB. Drier. 4,551,925, 11-12-85, Cl. 34-4.000.
- Ericsson, Thomas; Gylfe, Sten; and Hedblom, Mats-Olov, to Papyrus Kopparfors AB. Process for the absorption of organic liquids by use of a hydrophobic fibrous material. 4,519,918, 5-28-85, Cl. 210-680.000.
- Ericsson, Thomas, to Papyrus Kopparfors AB. Particulate oil-absorbing composition to absorb oil. 4,537,877, 8-27-85, Cl. 502-402.000.
- Erie Manufacturing Co.: *See—*
  - Cowley, John J.; and Hussey, Selby D., 4,552,140, Cl. 128-201.250.
- Erikmats, Borje: *See—*
  - Collin, Thorbjorn; Erikmats, Borje; Forsberg, Svante; Goransson, Harry; Sander, Lars; and Solver, Carl E., 4,532,499, Cl. 340-644.000.
- Eriksen, Gunnar, to Thune-Eureka A/S. Assembly for heat treatment of a papermaking wire or felt. 4,495,714, 1-29-85, Cl. 34-111.000.
- Eriksen, Gunnar, to Thune-Eureka A/S. Assembly for treatment of an endless wire or felt. 4,504,359, 3-12-85, Cl. 162-274.000.
- Eriksen, Joern B.; and Radochonski, Pierre, to Tektronix, Inc. Image transfer method and apparatus. 4,499,501, 2-12-85, Cl. 358-302.000.
- Eriksen, Joern B.: *See—*
  - Radochonski, Pierre; Kniffin, John M.; Eriksen, Joern B.; Rogers, Jerrold J.; and Gellatly, William W., 4,560,989, Cl. 346-1.100.
- Eriksen, Kenneth A.: *See—*
  - Doyle, Gerald; Eriksen, Kenneth A.; and Pruett, Roy L., 4,551,543, Cl. 556-14.000.
- Eriksen, Tor, to Moss Rosenberg Verft A/S. System for mooring a floating structure. 4,494,475, 1-22-85, Cl. 114-230.000.
- Eriksen, Wilbur R.; and Payne, Harry E., Jr., to Sobryco, Inc. Disposable sobriety tester. 4,492,673, 1-8-85, Cl. 422-85.000.
- Erikson, Herman E., to Polaroid Corporation. Radiographic intensifying screen manipulator. 4,542,523, 9-17-85, Cl. 378-167.000.
- Eriksoo, Edgar; Sandberg, Eva B.; and Stalhandske, Lars J. T., to Aktiebolaget Leo. Heterocyclic carboxamides, compositions containing such compounds, processes for their preparation and methods of treatment therewith. 4,547,511, 10-15-85, Cl. 514-312.000.
- Eriksson, Bengt O., to Sala International Aktiebolag. Arrangement at a shaft seal. 4,556,239, 12-3-85, Cl. 384-130.000.
- Eriksson, Bolik A. G.: *See—*
  - Andersson, Karl F.; and Eriksson, Bolik A. G., 4,513,579, Cl. 62-176.200.
- Eriksson, Bror A. Circuit arrangement for power control. 4,511,836, 4-16-85, Cl. 323-300.000.
- Eriksson, Erik S., to KMW Aktiebolag. Apparatus for discharging material. 4,559,104, 12-17-85, Cl. 162-336.000.
- Eriksson, Hans. Oil-clearing element having two or more movable floating bodies. 4,511,285, 4-16-85, Cl. 405-66.000.
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- Eriksson, Jan. Device for processing trees or the like. 4,515,192, 5-7-85, Cl. 144-2.00Z.
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  - Eriksson, Lars E.; and Rickardsson, Gote, 4,512,125, Cl. 52-209.000.
- Eriksson, Richard C., to XIS, Incorporated. Vacuum deposition apparatus for manufacturing selenium photoreceptors. 4,508,053, 4-2-85, Cl. 118-712.000.
- Eriksson, Richard C., to XIS, Incorporated. Manufacturing process for selenium photoreceptors. 4,508,748, 4-2-85, Cl. 427-8.000.
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  - Stormont, Richard W.; and Eriss, Lawrence, 4,544,528, Cl. 422-246.000.
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  - Niskanen, Erkki, 4,526,200, Cl. 137-625.470.
- Erkkila, Bruce H.: *See—*
  - Waechter, David A.; Erkkila, Bruce H.; and Vasilik, Dennis G., 4,536,841, Cl. 364-414.000.
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- Erlam, David P., to Rittal-CSM Limited. Card frames. 4,508,228, 4-2-85, Cl. 211-41.000.
- Erlam, David P.; and Carr, Arthur E., to Rittal-Werk Rudolf Loh GmbH & Co. KG. Rack with card frames adjustable on lateral slide guides. 4,509,810, 4-9-85, Cl. 339-17.00M.
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- Erland, Jonathan, to Apogee, Inc. Projection screen. 4,548,470, 10-22-85, Cl. 350-129.000.
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- Erlandsson, Stig A. B.: *See—*
  - Lindahl, Ake R.; and Erlandsson, Stig A. B., 4,557,925, Cl. 424-19.000.
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  - Soumar, Karel; and Erling, Earl, 4,541,447, Cl. 137-15.000.
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- Ermanski, Albert G., to Wright Line Inc. Tiltable and swivable mounting assembly for a video display terminal. 4,555,081, 11-26-85, Cl. 248-183.000.
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  - Lanigan, John J., Sr.; Glickman, Myron; George, Thazhuthekudiyil V.; and Ermel, Bernard A., 4,546,891, Cl. 212-221.000.
- Ermer, Wolfgang; and Muhlbauer, Klemens, to Heliotronic Forschungs-und Entwicklungsgesellschaft fur Solarzellen-Grundstoffe. Method for the multiple lap-cutting of crystal blocks with continuous shortening of the blade excursion. 4,539,972, 9-10-85, Cl. 125-16.00R.
- Ermisch, Dorothee: *See—*
  - Mallek, Heinz; Laser, Manfred; and Ermisch, Dorothee, 4,544,374, Cl. 48-114.000.
- Ermital AG: *See—*
  - Jovy, Herbert; and Schuster, Wilhelm, 4,510,629, Cl. 4-332.000.
- Ermolenko, Igor N.; Koshevar, Vasily D.; Nedzvetsky, Viktor S.; Savastenko, Galina N.; Siderko, Valentina M.; Kaputsky, Fedor N.; Komar, Valentina V.; and Nadievskaya, Juzefa I. Photographic material. 4,546,063, 10-8-85, Cl. 430-269.000.
- Ermolovich, Thomas R., to Digital Equipment Corporation. Communications device for data processing system. 4,527,236, 7-2-85, Cl. 364-200.000.

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  - Lengsfeld, Karl; Link, Erich; and Erndt, Hans, 4,556,132, Cl. 192-12.0BA.
- Ernes, Lynne M.: *See—*
  - Hinden, Jean M.; Ernes, Lynne M.; and Visel, Patrick E., 4,517,068, Cl. 204-283.000.
- Ernest, Ivan: *See—*
  - Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,500,457, Cl. 260-245.20R.
  - Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,515,717, Cl. 260-239.00A.
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  - Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,524,028, Cl. 260-239.00A.
- Ernest, John H.: *See—*
  - Fasching, George E.; Evans, Donald M.; and Ernest, John H., 4,523,465, Cl. 73-290.00V.
- Ernest, Michael V.: *See—*
  - Peters, Alan W.; Kim, Gwan; and Ernest, Michael V., 4,513,101, Cl. 502-304.000.
- ERNI Elektroapparate GmbH: *See—*
  - Czeschka, Franz, 4,550,962, Cl. 339-17.0LC.
- Erni, R. Ernst: *See—*
  - Buck, Roy T.; Cloutier, Frank L.; Erni, R. Ernst; Low, Robert N., and Terry, F. Duncan, 4,500,895, Cl. 346-140.00R.
- Ernst, Alfons, to Johannes Heidenhain GmbH. Apparatus for measuring the angular displacement of two objects relative to each other. 4,495,700, 1-29-85, Cl. 33-1.00N.
- Ernst, Alfons, and Brunner, Arthur, to Dr. Johannes Heidenhain GmbH. Mounting arrangement for angle measuring device. 4,512,184, 4-23-85, Cl. 73-116.000.
- Ernst, Alfons, to Dr. Johannes Heidenhain GmbH. Apparatus and method for correcting errors in a length or angle measuring system. 4,517,742, 5-21-85, Cl. 33-125.00C.
- Ernst, Alfons, to Johannes Heidenhain GmbH. Multicoordinate sensing head. 4,530,159, 7-23-85, Cl. 33-169.00R.
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  - Affa, Alfred; and Ernst, Alfons, 4,549,354, Cl. 33-125.00T.
  - Burkhardt, Horst; Ernst, Alfons; and Dangschat, Holmer, 4,530,155, Cl. 33-1.00L.
- Ernst, Bruce H.; Howard, Dennis D.; and Gismondi, Thomas E., to Lord Corporation. High build, ambient cure coating compositions. 4,513,112, 4-23-85, Cl. 524-590.000.
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  - Kramer, George M.; and Ernst, Edwin R., 4,560,825, Cl. 585-724.000.
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- Ernst, Hans-Otto; and Rohling, Wilhelm, to Westfalische Metall Industrie KG Hueck & Co. Vehicle headlight. 4,511,955, 4-16-85, Cl. 362-347.000.
- Ernst, Hansgeorg; Vogel, Friedrich; and Paust, Joachim, to BASF Aktiengesellschaft. Optically active units for the synthesis of the side chain of (R,R,R)-α-tocopherol and their preparation. 4,518,813, 5-21-85, Cl. 570-241.000.
- Ernst, Hansgeorg; Gehrken, Henning-Peter; and Paust, Joachim, to BASF Aktiengesellschaft. Preparation of α-tocopherol. 4,550,182, 10-29-85, Cl. 549-408.000.
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- Ernst, Hubert: *See—*
  - Wevers, Jean; Ernst, Hubert; Cassidy, Stephen; and Barrat, Christian R., 4,548,757, Cl. 260-502.50E.
- Ernst, Larry M.: *See—*
  - Black, Arthur G.; Dodge, John H.; and Ernst, Larry M., 4,496,829, Cl. 219-497.000.
- Ernst Leitz Wetzlar GmbH: *See—*
  - Bletz, Walter; Machmerth, Herbert; and Mandler, Walter, 4,541,700, Cl. 354-286.000.
  - Brueckner, Dietrich, 4,494,839, Cl. 353-101.000.
  - Goebert, Klaus; and Buering, Ulrich, 4,547,267, Cl. 204-4.000.
  - Heitmann, Knut; and Schaefer, Klaus-Dieter, 4,496,231, Cl. 354-429.000.
  - Jacoby, Hans-Dieter; and Schmidt, Peter, 4,501,527, Cl. 414-225.000.
  - Loseries, Peter, 4,514,076, Cl. 354-481.000.
  - Machmerth, Herbert, 4,506,968, Cl. 354-286.000.
  - Reichel, Artur, 4,505,175, Cl. 83-703.000.
  - Reinheimer, Guenter; and Kraft, Winfried, 4,501,476, Cl. 350-520.000.
  - Schlapp, Werner; and Wiessner, Werner, 4,504,134, Cl. 354-272.000.
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- Ernst, Richard J.; and Godsted, Kent B., to Illinois Tool Works Inc. Penetration controlling device and system. 4,543,763, 10-1-85, Cl. 52-698.000.
- Ernst, Richard R.; Wuthrich, Kurt; and Macura, Slobodan, to Spectrospin AG. Method for recording two-dimensional nuclear magnetic resonance spectra and a device for carrying out the same. 4,510,449, 4-9-85, Cl. 324-309.000.
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- Ernst Stadelmann Gesellschaft m.b.H.: *See—*
  - Kirchner, Balthasar; and Siegfried, Schleicher, 4,496,050, Cl. 206-444.000.
- Ernst Thielenhaus KG: *See—*
  - Thielenhaus, Ernst, 4,519,170, Cl. 51-289.00R.
- Ernst, Volker: *See—*
  - Opower, Hans; and Ernst, Volker, 4,553,242, Cl. 372-87.000.
- Ernst Wagner KG-Fordertechnik: *See—*
  - Schumacher, Karl, 4,515,380, Cl. 280-93.000.
- Ernst, Werner, to Kohlensaure-Werke Rudolf Buse Sohn GmbH & Co. Method and apparatus for investigating the structure and porosity of earth and stony regions. 4,537,062, 8-27-85, Cl. 73-38.000.
- Ernst, William B.: *See—*
  - Campman, Keith S.; and Ernst, William B., 4,513,625, Cl. 73-861.720.
- Ernst, William L., to Eastman Kodak Company. Toner concentration monitoring apparatus located behind a transparent photoconductor. 4,506,973, 3-26-85, Cl. 355-3.0DD.
- Ernst, William R.: *See—*
  - Chen, Michael S.; Edwards, Thomas J.; and Ernst, William R., 4,524,050, Cl. 423-243.000.
  - Myerson, Allan S.; and Ernst, William R., 4,559,313, Cl. 502-25.000.
- Ernster, John H. Hydrolyzed protein composition and process used in preparation thereof. 4,545,933, 10-8-85, Cl. 260-119.000.
- Ernsthausen, Roger E.: *See—*
  - Byrum, Bernard W., Jr.; and Ernsthausen, Roger E., 4,517,492, Cl. 313-587.000.
  - Wedding, Donald K.; Fein, Michael E.; Ernsthausen, Roger E.; and Byrum, Bernard J., 4,494,038, Cl. 313-587.000.
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  - Johnson, Elizabeth A., 4,498,615, Cl. 224-274.000.
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- Erpenbach, Heinz; Gehrmann, Klaus; Horstermann, Peter; Kubbeler, Hans-Klaus; and Kohl, Georg, to Hoechst Aktiengesellschaft. Process for separating the catalyst system from the reaction mixtures of carbonylation reactions. 4,549,937, 10-29-85, Cl. 203-40.000.
- Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, to Hoechst Aktiengesellschaft. Process for purifying and recovering contaminated catalyst solution obtained in the carbonylation of methyl acetate and/or dimethylether. 4,556,644, 12-3-85, Cl. 502-33.000.
- Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, to Hoechst Aktiengesellschaft. Process for recovering noble metals belonging to group VIII of the Periodic System of the elements from a contaminated catalyst solution originating from the carbonylation of methyl acetate and/or dimethylether. 4,557,760, 12-10-85, Cl. 75-121.000.
- Erpicum, Emile; and Dehan, Louis, to Colgate-Palmolive Company. Disposable adult diaper. 4,505,706, 3-19-85, Cl. 604-389.000.
- Errass, Werner; and Waldmeier, Eduard, to Societe d'Assistance Technique pour Produits Nestle S.A. Stable liquid oil-in-water emulsion and process. 4,497,843, 2-5-85, Cl. 426-602.000.
- Errington, William J.: *See—*
  - Denholm, William T.; Floyd, John M.; Errington, William J.; and Parry, Anthony N., 4,514,222, Cl. 75-77.000.
- Ersfeld, Dean A.: *See—*
  - Sandvig, Timothy C.; Ersfeld, Dean A.; and Berg, Eric P., 4,544,572, Cl. 427-44.000.
- Ershov, Jury A.: *See—*
  - Lipets, Adolf U.; Alexandrov, Boris I.; Kuznetsova, Svetlana M.; Okerblom, Jury I.; Ershov, Jury A.; Frolova, Nadezhda A.; Malkis, Valery A.; Sotnikov, Ivan A.; Fedosov, Alexei Z.; and Petrosyan, Robert A., 4,501,320, Cl. 165-144.000.
- Erskine, James C., Jr.: *See—*
  - MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., 4,540,636, Cl. 428-610.000.
  - MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., 4,554,208, Cl. 428-332.000.
- Ersoy, Metin, to Maschinenfabrik HILMA GmbH. Swing clamp. 4,508,327, 4-2-85, Cl. 269-23.000.
- Erstfeld, Thomas E.: *See—*
  - Quinlan, Kenneth P.; and Erstfeld, Thomas E., 4,504,329, Cl. 148-175.000.

Erth, Richard A.: *See—*
- Kountz, Kenneth J.; and Erth, Richard A., 4,546,618, Cl. 62-201.000.

Ertinghausen, Friedrich; Heinrich, Volker; Hinkel, Holger; Kaus, Gerhard; Kempf, Jurgen; Nauth, Hans-Georg; and Schrader, Manfred, to International Business Machines Corporation. Magnetic head slider of ceramic material. 4,549,238, 10-22-85, Cl. 360-103.000.

Ertl, James L., to Zwicker Knitting Mills. Work glove. 4,559,646, 12-24-85, Cl. 2-16.000.

Ertl, Wilhelm, to Siemens Aktiengesellschaft. Automatic insertion and removal device for components. 4,498,232, 2-12-85, Cl. 29-741.000.

Ertle, Raymond T., to Capital City Products Company. Reticulated puffed borax having enhanced absorptive capacity. 4,547,352, 10-15-85, Cl. 423-279.000.

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- Leclercq, Lucien; and Provost, Marcelle, 4,522,708, Cl. 208-136.000.

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- Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.

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- Varallo, Thomas P.; Ervine, Albert W. G.; Duffy, Joseph J.; and Olson, Edwin G., 4,514,956, Cl. 53-148.000.

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- Kuhlmann, Heinz; and Prinz, Eckhard, 4,511,419, Cl. 156-272.600.

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- Hutzenlaub, Armin S. P.; and Duppengiesser, Dieter, 4,550,882, Cl. 242-56.600.
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- Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; and Erwin, Lewis, 4,513,116, Cl. 525-53.000.

Erwin Sick GmbH Optik-Elektronik: *See—*
- Bechtel, Klaus, 4,546,246, Cl. 250-221.000.
- Erdmann, Jurgen; Buchholz, Karl O.; and Knappe, Hartmut, 4,523,251, Cl. 361-152.000.
- Herzer, Gerhard, 4,549,086, Cl. 250-561.000.
- Ross, Dieter; and Ostertag, Klaus, 4,511,803, Cl. 250-563.000.
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- Sackmann, Karl H.; and Anselment, Christoph, 4,532,388, Cl. 200-61.430.
- Sick, Erwin, 4,500,208, Cl. 356-431.000.
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Erwin, Timothy R.; and Manna, Robert E., to Pitney Bowes Inc. Postage meter. 4,559,444, 12-17-85, Cl. 235-101.000.

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- Domnanovich, James R.; and Erwin, William D., 4,513,204, Cl. 250-496.100.

Erz, Gerhard J.; and Erz, Joseph M. Fluid treatment system and ozone generator therefor. 4,545,960, 10-8-85, Cl. 422-186.120.

Erz, Joseph M.: *See—*
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- Matson, Wayne R., 4,497,199, Cl. 73-61.10C.
- Matson, Wayne R., 4,511,659, Cl. 436-150.000.
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- Kohashi, Tadao; Irie, Hiroyuki; Ide, Susumu; and Esaki, Hiroshi, 4,525,727, Cl. 346-140.00R.

Esaki, Kozo: *See—*
- Hattori, Takemi; and Esaki, Kozo, 4,491,364, Cl. 297-284.000.

Esaki, Leo: *See—*
- Chang, Chin-An; Chang, Leroy L.; and Esaki, Leo, 4,517,047, Cl. 156-610.000.
- Chang, Chin-An; Chang, Leroy L.; Esaki, Leo; and Mendez, Emilio E., 4,538,165, Cl. 357-22.000.
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Esau, Edward W., to Hesston Corporation. Cylinder mounting apparatus for hydraulic squeeze control in a crop baler. 4,549,482, 10-29-85, Cl. 100-191.000.

Esayan, Mariana; and Vilain, Michel, to Framatome & Cie. Device for safety injection on a pressurized-water nuclear reactor. 4,510,118, 4-9-85, Cl. 376-282.000.

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- Vohringer, Gerhard F., 4,504,292, Cl. 55-325.000.
- Vohringer, Gerhard F., 4,506,625, Cl. 118-312.000.

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Esch, Heinz: *See—*
- Nauroth, Peter; Esch, Heinz; and Turk, Gunter, 4,495,167, Cl. 423-339.000.

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- Bennett, Donald B.; and Esch, John W., 4,506,325, Cl. 364-200.000.

Eschem Inc.: *See—*
- Bildusas, Leon L., 4,500,021, Cl. 225-49.000.
- Maxwell, Gary A., 4,508,773, Cl. 428-198.000.
- Werber, Gerhardt P., 4,530,988, Cl. 526-270.000.

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- Hollweck, Walter; Marz, Kurt; and Eschenbacher, Herbert, 4,528,541, Cl. 337-354.000.

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- Biondetti, Mario; and Baur, Roland, 4,501,040, Cl. 8-156.000.
- Biondetti, Mario, 4,501,662, Cl. 210-391.000.
- Marchioro, Ignazio, 4,502,312, Cl. 72-243.000.
- Volz, Karl; Link, Christoph; Stotz, Wolf-Gunter; and Heitmann, Peter, 4,509,237, Cl. 29-116.0AD.
- Wenske, Rolf; Schnell, Hans; and Mirsberger, Peter, 4,491,521, Cl. 210-401.000.

Escher Wyss GmbH: *See—*
- Flucher, Wolfgang; and Siewert, Wolfgang, 4,557,826, Cl. 209-11.000.
- Holik, Herbert, 4,560,474, Cl. 210-221.200.
- Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, 4,538,765, Cl. 241-21.000.
- Schnell, Hans, 4,552,462, Cl. 366-280.000.
- Wuhrer, Wolfgang, 4,525,916, Cl. 29-446.000.
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- Bartesch, Helmut; and Florin, Gerd, 4,556,573, Cl. 426-467.000.
- Hildebrand, Otto, 4,543,162, Cl. 162-343.000.

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- Bolle, Gunter; Bragas, Peter; and Eschke, Bernd, 4,515,994, Cl. 179-2.00R.

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  - Briscoe, Terry L.; and Van Hoomissen, Robert L., 4,561,154, Cl. 24-136.00K.
  - Cody, Stuart E., 4,540,209, Cl. 294-74.000.
  - Hahn, Frederick C.; and Jones, Larren F., 4,501,079, Cl. 37-141.00R.
  - Hiatt, David M., 4,522,611, Cl. 474-162.000.
  - Schmidt, Paul W., 4,505,761, Cl. 148-9.00R.
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  - Swanson, Richard G., 4,500,805, Cl. 310-80.000.
- Escolar, Carlos: *See—*
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
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  - Lang, Gordon R.; Longstaff, Fred M.; and Lee, Chi H., 4,514,855, Cl. 375-97.000.
  - Lang, Gordon R.; Forney, George D., Jr.; Qureshi, Shahid; Longstaff, Fred M.; and Lee, Chi H., 4,538,284, Cl. 375-39.000.
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  - Hau, Antonin; Srubar, Jiri ; Esenovskij-Laskov, Jurij K.; and Giruckij, Olgert I., 4,545,264, Cl. 74-688.000.
- Esge-Marby GmbH & Co. KG: *See—*
  - Belka, Heinrich, 4,537,338, Cl. 224-39.000.
- Eshel Residual for Cooling and Heating Ltd.: *See—*
  - Vardi, Isaih; Bourne, Joseph; Ben-Dror, Jonathan; and Kimchi, Yigal, 4,522,720, Cl. 210-512.100.
- Eshet Eilon: *See—*
  - Gefen, Nir, 4,520,873, Cl. 172-47.000.
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- Eshkol, Aliza: *See—*
  - Pelham, Russell W.; Redden, Charlotte S.; Eshkol, Aliza; and Stiles, Gerald E., 4,521,407, Cl. 424-95.000.
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  - Eshleman, Roger D., 4,513,671, Cl. 110-101.0CF.
  - Eshleman, Roger D., 4,531,464, Cl. 110-259.000.
- Eshleman, Edgar S.: *See—*
  - Elphick, Thomas G.; Eshleman, Edgar S.; and Field, Martin J., 4,510,909, Cl. 123-470.000.
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- Esken, Robert L., to Bendix Corporation, The. Measuring apparatus and method of making. 4,493,153, 1-15-85, Cl. 33-149.00J.
- Eskijian, Luther. Inflatable platform for repetitive bouncing. 4,516,767, 5-14-85, Cl. 272-65.000.
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  - Lindner, Karl B., 4,558,545, Cl. 52-169.130.
- Eskina, David A. Puzzle. 4,531,741, 7-30-85, Cl. 273-157.00R.
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- Esmay, Edward N., to Bausch & Lomb Incorporated. Portable illuminated optical fiber microscope. 4,527,870, 7-9-85, Cl. 350-523.000.
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  - Bridson, William D.; and Esmay, Edward N., 4,505,556, Cl. 350-532.000.
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  - Shaw, Charles R., 4,509,233, Cl. 24-136.00R.
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  - Klaren, Dick G., 4,522,252, Cl. 165-1.000.
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- Esola, John L.: *See—*
  - Bruce, Daniel E.; and Esola, John L., 4,538,458, Cl. 73-233.000.
- ESPE Fabrik pharmazeurischer Praparate, GmbH: *See—*
  - Schmitt, Werner; Purrmann, Robert; and Jochum, Peter, 4,493,911, Cl. 523-109.000.
- Espe Fabrik pharmazeutischer Praparate Gessellschaft mit beschrankter Haftung: *See—*
  - Schmitt, Werner; Purrmann, Robert; Jochum, Peter; Hubner, Heinz-Joachim; and Burger, Bernd, 4,544,742, Cl. 544-8.000.
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  - Jochum, Peter; Hubner, Heijo; and Gasser, Oswald, 4,532,268, Cl. 523-109.000.
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  - McLean, John W.; and Gasser, Oswald, 4,527,979, Cl. 433-228.000.
  - Neumeister, Alexander; and Herold, Wolf-Dietrich, 4,560,352, Cl. 433-90.000.
- Espedal, Michael L., to Texaco Inc. Coal gasification apparatus. 4,527,997, 7-9-85, Cl. 48-86.00R.
- Espelage, Paul M.; and Nowak, James M., to General Electric Company. Start-up control for an induction motor drive. 4,539,514, 9-3-85, Cl. 318-778.000.
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- Espenscheid, Wilton F., to Mobil Oil Corporation. Process for treating high-sulfur caking coals to inactivate the sulfur and eliminate caking tendencies thereof. 4,522,626, 6-11-85, Cl. 44-1.00R.
- Esper, Friedrich; Friese, Karl-Hermann; Gohl, Walter; and Sternad, Peter, to Robert Bosch GmbH. Rapid-heating, high-temperature-stable spark plug for internal combustion engines. 4,539,503, 9-3-85, Cl. 313-11.500.
- Esper, Friedrich J.; and Meudt, Gottfried, to Robert Bosch GmbH. Magnetic transducer. 4,503,348, 3-5-85, Cl. 310-155.000.
- Esper, Friedrich J.; Fischer, Hermann; Friese, Karl-Hermann; and Scharner, Peter, to Robert Bosch GmbH. Temperature-compensated, oxygen-content gas sensor. 4,532,492, 7-30-85, Cl. 338-34.000.
- Esper, Friedrich J.; and Zeller, Robert, to Robert Bosch GmbH. High strength sintered alloy. 4,533,392, 8-6-85, Cl. 75-230.000.
- Esper, Friedrich J.; and Gohl, Walter, to Robert Bosch GmbH. Endoprosthesis shaft. 4,535,487, 8-20-85, Cl. 623-22.000.
- Esper, Norbert: *See—*
  - Burba, Christian; Goeke, Ulrich; and Esper, Norbert, 4,533,524, Cl. 427-372.200.
- Esperling, Peter: *See—*
  - Nickisch, Klaus; Laurent, Henry; Esperling, Peter; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, 4,559,331, Cl. 514-173.000.
- Espersen, Charles H.: *See—*
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- Espin, Mario W. Video tape cassette and device therefor. 4,496,999, 1-29-85, Cl. 360-60.000.
- Espinosa, Fausto L.; and Nunez, Cesar L. Variable speed electric induction motors without brushes. 4,500,826, 2-19-85, Cl. 318-820.000.
- Espinoza, Cesar, to Hollingsead International, Inc. Cable clamp assembly. 4,510,650, 4-16-85, Cl. 24-16.0PB.
- Espinoza, H. Cesar, to Hollingsead International, Inc. Rack assembly for plug-in modules. 4,549,602, 10-29-85, Cl. 165-80.200.
- Espiritu, Hermenegildo A., to International Telephone and Telegraph Corporation. Electrical connector endbell. 4,547,035, 10-15-85, Cl. 339-103.00M.
- Espiritu Santo, Eugenio; Baxter, Kenneth D.; and Bluem, Gary R., to Deere & Company. Snap-in force sensor with bellows. 4,510,814, 4-16-85, Cl. 73-862.570.
- Espitalie, Jean; Madec, Marcel; Leplat, Paul; and Paulet, Jacques, to Institut Francais du Petrole; and Societe Labofina S.A. Method and

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- Esposito, Anthony. Multiplexer and demultiplexer circuits for analog signals. 4,498,166, 2-5-85, Cl. 370-9.000.
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  - Acson, Paul; and Esposito, Anthony, 4,531,310, Cl. 40-1.500.
- Esposito, John A.: *See—*
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  - Jaeger, Knut, 4,522,422, Cl. 280-617.000.
  - Luitz, Max; and Weiss, Eugen, 4,519,625, Cl. 280-633.000.
  - Luitz, Max; and Weiss, Eugen, 4,522,424, Cl. 280-633.000.
- Essary, James W.; and Sanderson, Robert A., to Graham Magnetics Incorporated. Slitter, wind-up clutch assemblies. 4,541,579, 9-17-85, Cl. 242-56.200.
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  - Bogren, Ingemar S. B., 4,556,152, Cl. 220-276.000.
- Esselte Pendaflex Corporation: *See—*
  - Berger, Barry D., 4,538,736, Cl. 211-69.500.
  - Dowzall, Martin E.; and Houssian, Vazgen J., 4,513,511, Cl. 33-447.000.
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  - Solomon, Jack, 4,505,388, Cl. 206-425.000.
- Essen, R. Eric, to Gateway Plastics, Inc. Water pitcher. 4,492,323, 1-8-85, Cl. 222-465.00R.
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  - Juskevic, John, 4,521,142, Cl. 409-82.000.
- Esser, Alexander, to Esser-Werke GmbH Vorm. Westmontan-Werke. Method of manufacturing double-walled tube. 4,497,673, 2-5-85, Cl. 148-127.000.
- Esser, Anton, to Deutsche Babcock Anlagen Aktiengesellschaft. Grate of incinerator. 4,537,139, 8-27-85, Cl. 110-276.000.
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  - Esser, Alexander, 4,497,673, Cl. 148-127.000.
- Esser, Wilhelm C. J., to AMP Incorporated. Receptacle terminal having locking lance. 4,534,613, 8-13-85, Cl. 339-258.00S.
- Esser, Wilhelm C. J., to AMP Incorporated. Terminal for connecting a lead wire to a coil wire. 4,557,544, 12-10-85, Cl. 339-97.00R.
- Esser, William L., III. Jewelry and the like adapted to define a plurality of objects or shapes. 4,542,631, 9-24-85, Cl. 63-31.000.
- Essert, Robert D., to Allied Corporation. Alignment sleeve for fiber optic connectors. 4,526,438, 7-2-85, Cl. 350-96.200.
- Essery, John M.: *See—*
  - Schmitz, Henry; Kaneko, Takushi; Essery, John M.; and Doyle, Terrence W., 4,552,971, Cl. 549-332.000.
- Essex Group, Inc.: *See—*
  - Ditton, Louis G., 4,493,462, Cl. 242-118.610.
  - Hedrick, Paul A., 4,495,130, Cl. 264-255.000.
  - Keys, Steven F., 4,545,323, Cl. 118-268.000.
  - Lavallee, Francois A., 4,550,055, Cl. 428-383.000.
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  - Minnick, Michael G.; and Weisz, Robert O., 4,503,284, Cl. 174-36.000.
  - Pali, Christopher, 4,555,070, Cl. 242-58.100.
  - Sandi, Floyd J.; and Vultaggio, Anthony, 4,520,241, Cl. 200-5.00B.
  - Vogel, Ralph A., 4,521,363, Cl. 264-174.000.
  - Winogrocki, Ray F.; and DuRocher, Daniel J., 4,516,824, Cl. 339-126.00R.
- Essex, John D.: *See—*
  - Maurer, Edgar A.; and Essex, John D., 4,527,302, Cl. 15-325.000.
- Essex Specialty Products, Inc.: *See—*
  - Kirby, Michael D.; and Mazzeo, Michael P., 4,525,511, Cl. 524-158.000.
  - Rizk, Sidky D.; Hsieh, Harry W. S.; and Mazzeo, Michael P., 4,491,650, Cl. 525-102.000.
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- Essig, Karl, to H. Stoll GmbH & Co. Flat knitting machine. 4,505,134, 3-19-85, Cl. 66-60.00R.
- Essig, Karl, to H. Stoll GmbH & Co. Cambox for a flat knitting machine. 4,516,412, 5-14-85, Cl. 66-78.000.
- Essig, Karl, to H. Stoll GmbH & Co. Knitted fabric and method of producing the same. 4,548,057, 10-22-85, Cl. 66-172.00R.
- Essigmann, Martin L.: *See—*
  - Devona, James F.; and Essigmann, Martin L., 4,500,673, Cl. 524-548.000.
- Essilor International (Compagnie Generale d'Optique): *See—*
  - Bourset, Claude; and Wajs, Georges, 4,561,737, Cl. 351-160.00R.
  - Cogez, Jean, 4,494,836, Cl. 351-204.000.
  - Cuvilly, Jean-Pierre, 4,498,769, Cl. 356-244.000.
  - Pierquin, Jean-Claude, 4,521,090, Cl. 351-124.000.
  - Sohyer, Jean-Pierre, 4,527,871, Cl. 351-106.000.
  - Stoerr, Jacques, 4,531,297, Cl. 33-200.000.
  - Tagnon, Luc; and Wajs, Georges, 4,494,569, Cl. 137-563.000.
  - Tagnon, Luc, 4,517,980, Cl. 128-395.000.
  - Tagnon, Luc, 4,554,917, Cl. 128-303.100.
- Essinger, Walter F., to Sigmatron Associates. Thin-film EL panel mounting unit. 4,508,990, 4-2-85, Cl. 313-50.000.
- Essinger, Walter F.: *See—*
  - Watkins, Randy W.; Bell, Robert J.; Martorano, Joseph A.; and Essinger, Walter F., 4,559,535, Cl. 340-793.000.
- Esso Resources Canada Limited: *See—*
  - Aggour, Mohamed A.; and Banerjee, Sanjoy, 4,499,380, Cl. 250-390.000.
  - Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.
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  - Tournier, Michel, 4,497,200, Cl. 73-64.000.
- Esswein, Karlheinz, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Attachment of microscope objectives. 4,515,439, 5-7-85, Cl. 350-257.000.
- Estabrook, Lawrence E.: *See—*
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- Estabrook, Mark R., to Barnes Drill Co. Honing machine with stone-wear compensator. 4,528,776, 7-16-85, Cl. 51-34.00C.
- Estabrooks, David A. Dot matrix printhead employing moving coils. 4,493,568, 1-15-85, Cl. 400-124.000.
- Estang, Bernard, to Thomson-CSF. Device for rotating an element about two orthogonal axes, application to the orientation of a radar antenna. 4,491,847, 1-1-85, Cl. 343-765.000.
- Estang, Bernard, to Thomson-CSF. System for equilibrating an imbalance couple and use of such a system for equilibrating an airborne radar antenna. 4,512,448, 4-23-85, Cl. 188-378.000.
- Estate of Thomas S. Krause, The: *See—*
  - Hudson, Steven L., 4,516,796, Cl. 285-321.000.
- Este, Grantley O.; Suthers, Mark S.; and Streater, Richard W., to Northern Telecom Limited. Magnetic feedthrough cancelling surface acoustic wave device. 4,539,502, 9-3-85, Cl. 310-313.00B.
- Estebanez, Joseph: *See—*
  - Rogers, Colin C.; Baker, John N.; and Estebanez, Joseph, 4,537,212, Cl. 137-2.000.
- Estee Lauder Inc.: *See—*
  - Martin Saint Leon, Daniel, 4,546,529, Cl. 29-455.00R.
- Estel Hoesch Werke Aktiengesellschaft: *See—*
  - Bottcher, Wolfgang; Juttner, Heinz; Maurer, Albrecht; and Stutzinger, Ferdinand, 4,509,295, Cl. 51-49.000.
  - Hofmann, Heinz; Striepeke, Wilhelm; Werner, Manfred; Kleinherne, Herbert; and Zillessen, Christoph, 4,507,021, Cl. 405-288.000.
- Estel Hoogovens B.V.: *See—*
  - Bruinsma, Hans; Hollander, Frans; Huisman, Rein L.; and Reinen, Adrianus G., 4,532,789, Cl. 72-202.000.
  - Smit, Arie; and Marcus, Johannes W., 4,503,978, Cl. 211-13.000.
- Estela, Carlos: *See—*
  - Miller, Richard L.; and Estela, Carlos, 4,523,931, Cl. 55-80.000.
- Estell, David A.: *See—*
  - Dennis, Mark S.; Estell, David A.; and Light, David R., 4,512,973, Cl. 424-94.000.
- Esten, Harold, to Hale Fire Pump Company. Rescue cutter tool. 4,506,445, 3-26-85, Cl. 30-228.000.
- Ester, Clayton L.: *See—*
  - Etherington, Roger F.; and Ester, Clayton L., 4,552,155, Cl. 128-766.000.
- Esterl, Robert; and Weiser, Josef, to Siemens Aktiengesellschaft. Relay with bridge contact spring. 4,540,963, 9-10-85, Cl. 335-133.000.
- Esterling, Robert J.; Freed, Clarence L.; Weiss, Edward L.; and Korowitz, Simon, to General Signal Corporation. FSK modem bidirectional loop communications system. 4,528,675, 7-9-85, Cl. 375-9.000.
- Estes, Donald C., to Speedco, Incorporated. Apparatus for distributing powdered material. 4,510,883, 4-16-85, Cl. 118-305.000.
- Estes, Morton B.: *See—*
  - Sunnen, Robert M.; and Estes, Morton B., 4,524,549, Cl. 51-347.000.
- Estes, Roy D.; and Wright, Beaumont B., to Rock Bit Industries U.S.A., Inc. Radial rock bit seal. 4,537,409, 8-27-85, Cl. 277-83.000.
- Estes, William E., to Stauffer Chemical Company. Method to improve yields of sodium hypophosphite. 4,521,391, 6-4-85, Cl. 423-307.000.
- Estes, William E., to Stauffer Chemical Company. Method to improve yields of sodium hypophosphite. 4,552,737, 11-12-85, Cl. 423-307.000.
- Esteve-Soler, Jose, to Provesan, SA. 7-(1-pyrrolyl) derivatives of 1-ethyl-1,4-dihydro-4-oxoquinoline-3-carboxylic acids and 1-ethyl-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylic acids and their use as antimicrobial agents. 4,552,882, 11-12-85, Cl. 514-300.000.
- Esteve-Soler, Jose: *See—*
  - de Courten, Alfred; Schulthess, Adrian; and Esteve-Soler, Jose, 4,513,007, Cl. 514-555.000.
- Esteveny, Serge: *See—*
  - Lacour, Gilles; and Esteveny, Serge, 4,494,478, Cl. 118-50.000.

Estey, Herman C. Sanitary ashtray system. 4,550,738, 11-5-85, Cl. 131-236.000.

Estis, Leonard F., to Interferon Sciences, Inc. Method for purifying gamma-interferon. 4,499,014, 2-12-85, Cl. 260-112.00R.

Estlund, Kenneth F.: *See—*
- Estlund, Paul D.; and Estlund, Kenneth F., 4,534,556, Cl. 273-1.50R.

Estlund, Paul D.; and Estlund, Kenneth F. Break-away basketball goal. 4,534,556, 8-13-85, Cl. 273-1.50R.

Estradier, Francoise: *See—*
- Bugaut, Andree; and Estradier, Francoise, 4,494,953, Cl. 8-408.000.

Estreicher, Herbert; and Payne, George B., to Shell Oil Company. 6-oxabicyclo(3.2.2.)nonan-4-ol ether herbicides. 4,504,304, 3-12-85, Cl. 71-88.000.

Estreicher, Herbert; and Payne, George B., to Shell Oil Company. 6-oxabicyclo[3.2.2]nonan-4-ol ether herbicides. 4,529,806, 7-16-85, Cl. 549-355.000.

Estriplet, Isnard: *See—*
- Macko, Joseph E.; and Estriplet, Isnard, 4,520,677, Cl. 73-861.000.

Estry, Douglas W.: *See—*
- Tishkoff, Garson H.; and Estry, Douglas W., 4,501,731, Cl. 424-101.000.

Estwanik, Joseph J., III. Suspendible storage assembly. 4,561,547, 12-31-85, Cl. 211-14.000.

Eszakmagyarorszagi Vegyimuvek: *See—*
- Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.
- Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252, Cl. 435-240.000.
- Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.
- Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.

Eta Cerkno: *See—*
- Rejc, Danilo, 4,547,760, Cl. 337-323.000.

ETA S.A., Fabriques d'Ebauches: *See—*
- Antognini, Luciano; and Guerin, Yves, 4,551,665, Cl. 318-696.000.
- Bergmann, Erich, 4,557,981, Cl. 428-627.000.
- Besson, Rene ; and Guerin, Yves, 4,558,268, Cl. 318-696.000.
- Grandjean, Remy; and Guerin, Yves, 4,514,676, Cl. 318-696.000.
- Guerin, Yves, 4,507,599, Cl. 318-696.000.
- Laesser, Claude, 4,534,660, Cl. 368-220.000.
- Mock, Elmar; and Muller, Jacques, 4,558,957, Cl. 368-294.000.
- Mock, Elmar; and Bron, Alphonse, 4,561,077, Cl. 368-282.000.

Etablissement Dentaire Ivoclar: *See—*
- Frick, Hansjorg, 4,542,823, Cl. 206-220.000.

Etablissement E. Ferron: *See—*
- Ferron, Ernest, 4,515,061, Cl. 84-394.000.

Etablissement Public de Diffusion dit "Telediffusion de France": *See—*
- Dublet, Guy P., 4,527,268, Cl. 370-94.000.
- Mathieu, Michel G.; and Le Rodallec, Andre J. L., 4,555,736, Cl. 358-342.000.
- Noirel, Yves M.; Vardo, Jean-Claude; and Chevee, Gerard, 4,554,660, Cl. 370-94.000.
- Vigarie , Jean-Pierre, 4,543,645, Cl. 364-900.000.

Etablissement Public dit "Centre National d'Exploitation des Oceans" (CNEXO): *See—*
- Hue, Jean-Pierre, 4,515,013, Cl. 73-170.00A.

Etablissement Texcontor: *See—*
- Maltz, Javier E., 4,559,322, Cl. 514-8.000.

Etablissements Andre Zalkin et Cie: *See—*
- Zalkin, Michel, 4,494,358, Cl. 53-331.500.

Etablissements Augier: *See—*
- Nicolas, Jean-Pierre, 4,499,452, Cl. 340-310.00A.

Etablissements Caillau: *See—*
- Calmettes, Lionel; and Andre, Michel, 4,517,708, Cl. 24-20.0CW.
- Calmettes, Lionel, 4,543,691, Cl. 24-20.00R.
- Calmettes, Lionel, 4,552,390, Cl. 285-420.000.

Etablissements F. Valentin: *See—*
- Valentin, Jean; Suply, Patrick; and Detrier, Stephane, 4,538,652, Cl. 141-57.000.

Etablissements Francois Salomon et Fils: *See—*
- Pradier, Serge; and De Marchi, Jean-Louis, 4,553,292, Cl. 24-70.0SK.

Etablissements Griset: *See—*
- Durand-Texte, Gerard, 4,491,169, Cl. 164-418.000.

Etablissements J. M. Chauquet: *See—*
- Chauquet, Jacques, 4,530,158, Cl. 33-169.00B.

Etablissements le Simplex: *See—*
- Juy, Henri, 4,504,250, Cl. 474-80.000.

Etablissements Lemoin & Cie: *See—*
- Pouyet, Jean, 4,542,328, Cl. 318-573.000.

Etablissements les Fils d'Auguste Chomarat & Cie: *See—*
- Curinier, Jean; and Pinet, Philippe, 4,510,657, Cl. 28-100.000.

Etablissements Mayzaud Maurice: *See—*
- Barouk, Louis S., and Mayzaud, Maurice P. (said Maurice P. Mayzaud assors. to), 4,546,557, Cl. 36-110.000.

Etablissements Mesnel: *See—*
- Mesnel, Francois, 4,535,563, Cl. 49-478.000.

Etablissements Montabert: *See—*
- Montabert, Roger, 4,508,017, Cl. 92-85.00B.

Etablissements Morel, Ateliers Electromecaniques de Favieres: *See—*
- Morel, Andre; and Morel, Jacques, 4,492,816, Cl. 174-92.000.
- Morel, Andre; and Morel, Jacques, 4,526,295, Cl. 222-82.000.

Etablissements Morillon: *See—*
- Morillon, Theodore, 4,538,505, Cl. 91-518.000.

Etablissements Nativelle S.A.: *See—*
- Jarreau, Francois-Xavier; and Koenig, Jean-Jacques, 4,526,895, Cl. 514-341.000.
- Jarreau, Francois-Xavier; and Koenig, Jean-Jacques, 4,552,868, Cl. 514-26.000.

Etablissements Pierre Angenieux SA: *See—*
- Wainwright, Ronald C.; Goy, Nicholas M.; Anderson, John D.; Pettigrew, Robert M.; and Bradbrook, John D., 4,541,695, Cl. 350-429.000.

Etablissements-Pierre Fontaine: *See—*
- Legoult, Michel, 4,510,401, Cl. 307-66.000.

Etablissements Poirier: *See—*
- Lambert, Jean-Pierre, 4,506,930, Cl. 297-423.000.

Etablissements Proteor: *See—*
- Palfray, Michel R., 4,536,898, Cl. 623-33.000.

Etablissements Rondolotti: *See—*
- Rolin, Guy; and Rabizzoni, Jacques, 4,509,351, Cl. 72-19.000.

Etablissements Thuasne & Cie: *See—*
- Picolet, Jean-Pierre; Rudloff, Jean-Loup; and Courtet, Francois, 4,492,225, Cl. 128-87.00R.

Etablissements Tourtellier S.A.: *See—*
- Tourtellier, Jean-Louis; and Schoen, Roger, 4,524,698, Cl. 104-107.000.

Etalagire: *See—*
- Montet, Nicole, 4,528,914, Cl. 108-60.000.

Etani, Kenji. Apparatus for water treatment. 4,512,955, 4-23-85, Cl. 422-266.000.

Etani, Kenji. Method for treating swimming pool water. 4,519,914, 5-28-85, Cl. 210-633.000.

Etani, Kenji. Methods and apparatus for bathing. 4,530,120, 7-23-85, Cl. 4-538.000.

ETAT Francais: *See—*
- Lafonta, Fernande F.; and Lafonta, Paul A., 4,560,914, Cl. 320-1.000.
- Valentin, Jean P., 4,558,248, Cl. 310-315.000.

Etat Francais represente par le Delegue General: *See—*
- Battais, Alain; Boutevin, Bernard J. L.; and Pietrasanta, Yves J. D., 4,499,022, Cl. 260-429.700.
- Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., 4,524,695, Cl. 102-430.000.
- Saint-Michel, Jacques A.; Chabrerie, Jean-Pierre; and Mailfert, Alain, 4,521,709, Cl. 310-186.000.

Etat Francais represente par le Delegue General pour l'Armement: *See—*
- Lagofun, Guy J., 4,532,866, Cl. 102-204.000.
- Ramisse, Yves D.; Baboulet, Jean-Pierre C.; Vie, Michel P.; and Malaval, Paul C., 4,536,327, Cl. 252-511.000.

Etat Francais represente par le Ministere de l'Urbanisme et du Logement: *See—*
- Caussignac, Jean-Marie; and Leroy, Maurice, 4,497,576, Cl. 356-335.000.

Etat Francais represente par le Ministere de l'Urbanisme et du Logement Laboratoire Central des Ponts et Chaussees: *See—*
- Abdunur, Charles S., 4,527,431, Cl. 73-803.000.

Etchegoyen, Carlos: *See—*
- Minshall, Michael; Park, Brian; Etchegoyen, Carlos; and Babrovniczky, Bert, 4,558,687, Cl. 126-59.000.

Etchells, Robert D.: *See—*
- Grinberg, Jan; Etchells, Robert D.; Nudd, Graham R.; and Hansen, Siegfried, 4,507,726, Cl. 364-200.000.
- Hansen, Siegfried; Grinberg, Jan; and Etchells, Robert D., 4,498,134, Cl. 364-200.000.

Etcheverry, Robert D.: *See—*
- Mori, Tsutomu T.; Dybdal, Robert B.; and Etcheverry, Robert D., 4,510,622, Cl. 455-67.000.

Etheridge, Richard H.: *See—*
- Lanham, Albert F.; Cox, Michael G. C.; and Etheridge, Richard H., 4,540,419, Cl. 44-42.000.

Etherington, Roger F.; and Ester, Clayton L., to Transmed Corporation. Diagnostic specimen collector. 4,552,155, 11-12-85, Cl. 128-766.000.

Etherton, Bradley P.; and Hamer, Anthony D., to Exxon Research & Engineering Co. Supported polyolefin catalyst for the polymerization of ethylene under high temperatures. 4,508,843, 4-2-85, Cl. 502-115.000.

Ethicon, Inc.: *See—*
- Aday, Jorge L., 4,491,218, Cl. 206-63.300.
- Aday, Jorge L.; and Cerwin, Robert J., 4,533,041, Cl. 206-63.300.
- Aday, Jorge L.; and Cerwin, Robert J., 4,555,016, Cl. 206-63.300.
- Alpern, Marvin, 4,511,035, Cl. 206-363.000.
- Bedi, James J.; and Joshi, Madhusudan, 4,531,522, Cl. 128-335.000.
- Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,510,295, Cl. 525-437.000.
- Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,532,928, Cl. 128-335.500.
- Cerwin, Robert J.; Joshi, Madhusudan; Menges, John R.; Mericle, Robert W.; and Zwaskis, William J., 4,498,476, Cl. 128-346.000.
- Cerwin, Robert J., 4,519,501, Cl. 206-339.000.

Cerwin, Robert J.; and Pedlick, John S., 4,545,377, Cl. 128-325.000.
Cerwin, Robert J.; Joshi, Madhusudan; Menges, John R.; Mericle, Robert W.; and Zwaskis, William J., 4,550,729, Cl. 128-325.000.
DiGiovanni, John; and Golden, Donald M., 4,500,024, Cl. 227-19.000.
Duncan, Robert B., 4,548,202, Cl. 128-334.00C.
Golden, Donald M.; and McVay, William P., 4,534,350, Cl. 128-334.00C.
Hinsch, Bernhard, 4,557,264, Cl. 128-335.500.
How, Thien V., 4,552,707, Cl. 264-24.000.
Koelmel, Donald; and Shalaby, Shalaby W., 4,559,945, Cl. 128-335.500.
Koelmel, Donald F.; Jamiolkowski, Dennis D.; Shalaby, Shalaby W.; and Bezwada, Rao S., 4,546,152, Cl. 525-437.000.
Levy, Alan J., 4,549,545, Cl. 128-335.000.
Mattei, Frank V.; and Regula, Donald W., 4,532,929, Cl. 128-335.500.
Menezes, Edgar V.; and Steinheuser, Peter, 4,520,822, Cl. 128-335.500.
Menges, John R.; and Huebscher, Laszlo, 4,491,133, Cl. 128-326.000.
Mericle, Robert W., 4,527,562, Cl. 128-325.000.
Miksza, Anthony, Jr., 4,532,927, Cl. 128-334.00C.
O'Holla, Robert H., 4,532,926, Cl. 128-334.00C.
Roshdy, Constance E., 4,549,649, Cl. 206-63.300.
Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,511,706, Cl. 528-192.000.
Shalaby, Shalaby W.; and Koelmel, Donald F., 4,543,952, Cl. 128-335.500.
Shalaby, Shalaby W.; and Schipper, Edgar S., 4,550,730, Cl. 128-335.500.
Smith, Daniel J., 4,513,747, Cl. 128-339.000.
Troutman, Richard C.; and McGregor, Walter, 4,524,771, Cl. 128-339.000.

Ethridge, Fredrick A.: *See*—
McAliley, J. Eugene; Daumit, Gene P.; and Ethridge, Fredrick A., 4,534,919, Cl. 264-29.200.
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Ethyl Corporation: *See*—
Bauer, Dennis P., 4,496,756, Cl. 560-41.000.
Berry, C. Bernard, 4,544,503, Cl. 260-402.000.
Braxton, Henry G., Jr., 4,509,952, Cl. 44-57.000.
Burton, Lester P. J., 4,526,918, Cl. 524-150.000.
Chen, Jackson C., 4,512,775, Cl. 44-62.000.
Chung, James Y. J.; Jones, Jesse D.; and Li, Hsueh M., 4,539,352, Cl. 524-109.000.
Davidson, Robert I., 4,541,961, Cl. 260-465.00G.
Davidson, Robert I., 4,544,509, Cl. 260-465.00G.
Davis, Bryan T.; and Chen, Jackson C., 4,502,972, Cl. 252-47.000.
Dinius, Richard L., 4,519,798, Cl. 604-358.000.
Everly, Charles R.; and Roper, Jerry M., 4,532,356, Cl. 568-315.000.
Filbey, Allen H.; Braxton, Henry G., Jr.; and Meltsner, Bernard R., 4,514,577, Cl. 568-744.000.
Francis, Michael A., 4,518,643, Cl. 428-131.000.
Frey, Frederick W.; and Lee, John Y., 4,507,503, Cl. 568-17.000.
Goins, Dixie E.; Huggins, Harold V.; Burt, Edward A.; and Holmes, Silas W., 4,560,809, Cl. 568-789.000.
Hargis, Duane C., 4,562,296, Cl. 568-388.000.
Hornbaker, Edwin D.; and Jones, Jesse D., 4,526,923, Cl. 524-502.000.
Jackisch, Philip F., 4,521,624, Cl. 564-446.000.
Jones, Jesse D.; and Hornbaker, Edwin D., 4,510,280, Cl. 524-178.000.
Jones, Jesse D., 4,513,106, Cl. 524-180.000.
Kirsch, Warren B., 4,514,374, Cl. 423-497.000.
Kirsch, Warren B., 4,549,973, Cl. 252-8.55R.
Kirsch, Warren B.; and Laurent, Sebastian M., 4,557,921, Cl. 423-488.000.
Knapp, Gordon G., 4,509,951, Cl. 44-53.000.
Knapp, Gordon G., 4,511,367, Cl. 44-53.000.
Knapp, Gordon G., 4,511,368, Cl. 44-53.000.
Knapp, Gordon G., 4,531,948, Cl. 44-53.000.
Knapp, Gordon G., 4,549,882, Cl. 44-53.000.
Knapp, Gordon G., 4,549,885, Cl. 44-57.000.
Laurent, Sebastian M.; and Pond, Wilson G., 4,515,780, Cl. 424-154.000.
Laurent, Sebastian M.; and Sanders, Robert N., 4,556,564, Cl. 426-2.000.
Lee, John Y.; and Wolfram, Joachim W., 4,492,798, Cl. 562-406.000.
Lee, John Y.; and Frey, Frederick W., 4,507,504, Cl. 568-17.000.
Lee, John Y.; and Bauer, Dennis P., 4,514,575, Cl. 568-17.000.
Li, Hsueh M., 4,522,795, Cl. 423-300.000.
Li, Hsueh M., 4,522,796, Cl. 423-300.000.
Li, Hsueh M., 4,537,755, Cl. 423-300.000.
Li, Hsueh M., 4,551,317, Cl. 423-300.000.
Lilje, Kenneth C., 4,502,999, Cl. 260-465.00G.
Lilje, Kenneth C., 4,503,000, Cl. 260-465.00G.
Lilje, Kenneth C., 4,540,795, Cl. 548-239.000.
Lucast, Donald H.; Shubkin, Ronald L.; Filbey, Allen H.; and Wollensak, John C., 4,526,905, Cl. 521-51.000.
Lum, Genevieve S.; Li, Hsueh M.; and Pettigrew, F. Alexander, 4,522,798, Cl. 423-300.000.
McKinnie, Bonnie G.; and Ranken, Paul F., 4,533,753, Cl. 568-47.000.
McKinnie, Bonnie G.; and Robinson, Gene C., 4,537,724, Cl. 260-400.000.
Mueller, Warren B.; and Jones, Jesse D., 4,506,049, Cl. 524-139.000.
Mueller, Warren B., 4,535,095, Cl. 521-89.000.
Mueller, Warren B., 4,536,520, Cl. 521-89.000.
Nelson, Gunner E., 4,507,501, Cl. 568-17.000.
Nelson, Gunner E., 4,507,502, Cl. 568-17.000.
Nelson, Gunner E., 4,512,966, Cl. 423-644.000.
Nelson, Gunner E., 4,528,176, Cl. 423-644.000.
Nelson, Gunner E., 4,529,580, Cl. 423-644.000.
Penton, Harold R., 4,514,550, Cl. 525-538.000.
Perilstein, Warren L., 4,508,540, Cl. 44-53.000.
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Ragan, Gary S.; and Jones, Jesse D., 4,551,485, Cl. 523-212.000.
Rajan, Sundar J., 4,547,603, Cl. 585-375.000.
Raley, Garland E.; and Spear, Dean M., 4,541,794, Cl. 425-290.000.
Raley, Garland E.; and Spear, Dean M., 4,543,299, Cl. 428-596.000.
Raley, Garland E.; and Goodrum, Richard W., 4,550,546, Cl. 53-425.000.
Ramachandran, Venkataraman, 4,526,975, Cl. 546-335.000.
Ramachandran, Venkataraman, 4,536,343, Cl. 260-465.00F.
Ramachandran, Venkataraman, 4,539,397, Cl. 534-556.000.
Ramachandran, Venkataraman, 4,540,793, Cl. 546-346.000.
Ramachandran, Venkataraman, 4,550,167, Cl. 546-156.000.
Ramachandran, Venkataraman, 4,552,963, Cl. 546-156.000.
Ramachandran, Venkataraman, 4,552,964, Cl. 546-156.000.
Ranken, Paul F.; and Walter, Thomas J., 4,515,945, Cl. 544-94.000.
Ranken, Paul F., 4,532,326, Cl. 546-156.000.
Ranken, Paul F., 4,547,593, Cl. 568-54.000.
Ranken, Paul F.; and Walter, Thomas J., 4,552,966, Cl. 546-290.000.
Ranken, Paul F., 4,554,352, Cl. 546-156.000.
Roper, Jerry M., 4,537,920, Cl. 252-52.00R.
Roper, Jerry M., 4,562,293, Cl. 568-347.000.
Roper, Jerry M., 4,562,294, Cl. 568-362.000.
Roper, Jerry M., 4,562,297, Cl. 568-432.000.
Scull, Herbert M.; and Laurent, Sebastian M., 4,554,141, Cl. 423-245.000.
Seemuth, Paul D., 4,522,630, Cl. 44-53.000.
Seemuth, Paul D., 4,536,190, Cl. 44-57.000.
Seemuth, Paul D., 4,554,387, Cl. 568-704.000.
Shepherd, Lawrence H., Jr., 4,499,290, Cl. 549-354.000.
Shin, Kju H., 4,511,716, Cl. 544-277.000.
Shin, Kju Hi; and Tatum, Edward F., 4,554,389, Cl. 568-722.000.
Smith, Isaac L.; and Nelson, Gunner E., 4,532,120, Cl. 423-347.000.
Smith, R. Scott; and Smith, Gerald Z., Jr., 4,511,753, Cl. 585-856.000.
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Stahly, G. Patrick, 4,521,345, Cl. 260-465.00F.
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Walter, Thomas J., 4,533,735, Cl. 546-156.000.
Weidig, Charles F., 4,524,222, Cl. 568-711.000.
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Wolfram, Joachim W., 4,544,505, Cl. 260-413.000.
Zaweski, Edward F.; and Niebylski, Leonard M., 4,541,838, Cl. 44-57.000.

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Rounkles, Rodney G.; and Holder, Billy W., 4,530,466, Cl. 239-327.000.

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Hanlon, J. Vincent; Lenane, Denis L.; and Retzloff, James B., 4,553,979, Cl. 44-57.000.

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- Eto, Shin'ichi: *See—*
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- Etoh, Jun; Kawajiri, Yoshiki; Hori, Ryoichi; and Itoh, Kiyoo, to Hitachi, Ltd. Dynamic type semiconductor monolithic memory. 4,503,522, 3-5-85, Cl. 365-203.000.
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  - Ebihara, Yoshiyuki, 4,546,909, Cl. 227-120.000.
- Etou, Kazumi; and Komoto, Tetsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Refrigerator. 4,512,162, 4-23-85, Cl. 62-298.000.
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  - Scheidegger, Albert, 4,497,156, Cl. 53-399.000.
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  - Triouleyre, Jean; Rousselin, Jean; Schmit, Patrick; and Gondry, Philippe, 4,510,785, Cl. 72-323.000.
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- Ettare, Ross C., to Primary Diagnostic Systems, Inc. Non-invasive method for diagnosing incipient or developed cancer tissue. 4,542,750, 9-24-85, Cl. 128-760.000.
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- Ettenberg, Michael, to RCA Corporation. Optical recording medium and information record and method of making same. 4,547,876, 10-15-85, Cl. 369-275.000.
- Ettinger, Donald H., to USM Corporation. Automatic stud welding equipment with fluid and stud feeding. 4,513,193, 4-23-85, Cl. 219-98.000.
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- Ettlinger, Ralph; and Biela, John A., to Amco Corporation. Spray head assembly. 4,527,743, 7-9-85, Cl. 239-530.000.
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- Etudes Constructions Appareils Levage: *See—*
  - Pendola, Auguste, 4,491,301, Cl. 254-285.000.
- Etudes et Fabrication Dowell Schlumberger: *See—*
  - Daccord, Gerard; Lemanczyk, Richard; and Vercaemer, Claude, 4,507,213, Cl. 252-8.55R.
  - Marshall, Lloyd B.; and Ghebrid, Faycal, 4,550,935, Cl. 285-18.000.
  - Parcevaux, Philippe A.; Piot, Bernard M.; and Vercaemer, Claude J., 4,537,918, Cl. 523-130.000.
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  - Lyskawa, Edmond; Roger, Paul; Marquis, Jean; and Canivez, Etienne, 4,545,860, Cl. 201-41.000.
  - Pasquier, Armand, 4,538,369, Cl. 37-219.000.
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  - Chauviere, Henri, 4,536,100, Cl. 403-12.000.
  - Vettori, Claude; and Chauviere, Henri, 4,549,858, Cl. 417-353.000.
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  - Eilingsfeld, Heinz; Etzbach, Karl-Heinz; Hoffmann, Gerhard; and Neumann, Peter, 4,533,612, Cl. 430-59.000.
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  - Ostertag, Werner; Dimroth, Peter; Wienand, Henning; Liedek, Egon; Knittel, Helmut; and Etzrodt, Gunter, 4,530,725, Cl. 106-298.000.
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- Eucken, Craig M., to Teledyne Industries, Inc. Nitrogen annealing of zirconium and zirconium alloys. 4,521,259, 6-4-85, Cl. 148-20.300.
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  - Buckner, Leonard; Foll, William A., Sr.; and Pesho, Stephen W., 4,493,178, Cl. 53-131.000.
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- Eudy, Nancy H.: *See—*
  - Tomcufcik, Andrew S.; Meyer, Walter E.; and Eudy, Nancy H., 4,499,097, Cl. 514-341.000.
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  - Forster, Heinz; Eue, Ludwig; and Schmidt, Robert R., 4,500,341, Cl. 71-92.000.
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  - Pfister, Theodor; Eue, Ludwig; Schmidt, Robert R.; and Hanssler, Gerd, 4,541,858, Cl. 71-86.000.
  - Riebel, Hans-Jochem; Eue, Ludwig; Faust, Wilfried; and Priesnitz, Uwe, 4,548,639, Cl. 71-94.000.
  - Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,517,011, Cl. 71-92.000.
  - Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,561,879, Cl. 71-92.000.
- Euerle, Kurt: *See—*
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- Euker, Charles A., Jr., to Exxon Research & Engineering Co. Recovery of oil from oil-bearing carbonates. 4,491,512, 1-1-85, Cl. 208-11.0LE.
- Euler, John W., to Lambert Brake Corporation. Mechanical clutch. 4,550,817, 11-5-85, Cl. 192-70.230.
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  - Safrit, Sam C.; Farrell, Roscoe M.; and Euliss, Melvin C., 4,492,099, Cl. 66-202.000.
- Eumuco Aktiengesellschaft fur Maschinenbau: *See—*
  - Stehr, Franz, 4,552,525, Cl. 425-422.000.
  - Werner, Eberhard; and Willim, Friedrich, 4,520,643, Cl. 72-39.000.
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  - Berrebi, Georges, 4,551,437, Cl. 502-5.000.
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- Euro California, Inc.: *See—*
  - Saccoccia, Pasqualino, 4,548,387, Cl. 254-10.00B.
- Eurobond (1984) Limited: *See—*
  - Beer, Michael W., 4,526,634, Cl. 156-64.000.
- Eurobreva Engineering Trust: *See—*
  - Claudio, Fuzzi, 4,520,613, Cl. 53-441.000.
  - Klinkel, Wolfgang, 4,553,377, Cl. 53-548.000.
- Eurofloor S.A.: *See—*
  - Haag, Laurent, 4,492,606, Cl. 156-79.000.
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- Eurograph Gesellschaft fur Photomechanik mbH: *See—*
  - Moser, Ulrich F., 4,492,454, Cl. 355-1.000.
- Eurogrill B.V.: *See—*
  - Halters, M. A. M.; and Verwijmeren, A. S., 4,561,348, Cl. 99-421.00H.
- Euroka Oy: *See—*
  - Laine, Unto, 4,542,524, Cl. 381-53.000.
- Euronom AB: *See—*
  - Cremer, Jens, 4,546,710, Cl. 110-263.000.
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  - Ansorge, Wilhelm, 4,532,205, Cl. 435-30.000.
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  - Crutzen, Serge; Franzetti, Gian Aldo; and Battagin, Gian Piero, 4,530,241, Cl. 73-602.000.
- European Electronic Systems Ltd.: *See—*
  - Loose, Peter W., 4,499,383, Cl. 250-561.000.
- Euroresearch s.r.l.: *See—*
  - Furlan, Diego, 4,562,191, Cl. 514-255.000.
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  - Allard, Joseph, 4,512,612, Cl. 299-91.000.
- Euscher-Klingenhagen, Werner; Griemla, Horst; and Rodekamp, Hartmut, to Ewald Euscher. Valve plates for container valves and method of manufacturing same. 4,515,285, 5-7-85, Cl. 220-288.000.
- Eutectic Corporation: *See—*
  - Rotolico, Anthony J., 4,519,541, Cl. 239-1.000.
- Euteneuer, Charles L.; and Diesch, Robert E., to Pako Corporation. Photographic paper roll core holding device. 4,534,519, 8-13-85, Cl. 242-68.300.
- Euteneuer, Charles L.: *See—*
  - Jensen, Gerald A.; and Euteneuer, Charles L., 4,543,771, Cl. 53-520.000.
- Euverard, Maynard R.; Diver, James J.; and Schneider, Thomas C., to Velten & Pulver, Inc. Pattern forming apparatus and product orienter therefor. 4,522,292, 6-11-85, Cl. 198-374.000.

- Euvrard, Hubert: *See—*
  - Lacour, Bernard; Euvrard, Hubert; Gaillard, Roger; and Boinot, Jean C., 4,493,646, Cl. 433-133.000.
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  - Dang Vu, Quang; Pradel, Claude; Euzen, Jean-Paul; and Le Page, Jean-Francois, 4,544,544, Cl. 423-659.000.
- Evain, Jean, to Daymarc Corporation. Apparatus for reorienting electrically asymmetrical axial lead devices in a sorter/tester. 4,520,931, 6-4-85, Cl. 209-542.000.
- Evana Tool & Engineering Inc.: *See—*
  - Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, 4,498,397, Cl. 104-35.000.
  - Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, 4,530,729, Cl. 156-217.000.
- Evani, Syamalarao; Oswald, James H.; Staples, Thomas L.; and Polak, Brent T., to Dow Chemical Company, The. Material for absorbing aqueous fluids. 4,535,098, 8-13-85, Cl. 521-149.000.
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  - Rose, Gene D.; Dennis, Kent S.; and Evani, Syamalarao, 4,505,827, Cl. 252-8.55R.
- Evanicky, Daniel E.: *See—*
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- Evans, Alan G., to United States of America, Navy. Method for determining the magnitude of earth's gravity. 4,550,601, 11-5-85, Cl. 73-382.00R.
- Evans, Anthony C., to Kelsey-Hayes Company. Sliding caliper disc brake. 4,537,290, 8-27-85, Cl. 188-73.310.
- Evans, Anthony C., to Kelsey-Hayes Company. Self-adjusting parking brake. 4,540,066, 9-10-85, Cl. 188-71.900.
- Evans, Archibald D.: *See—*
  - Franklin, Duane R.; and Evans, Archibald D., 4,558,648, Cl. 108-147.000.
- Evans, Ben E.: *See—*
  - Bock, Mark G.; Freidinger, Roger M.; and Evans, Ben E., 4,559,338, Cl. 514-219.000.
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- Evans, Brian, to Pilkington Brothers Limited. Cationic surface coating of flat glass. 4,544,395, 10-1-85, Cl. 65-60.300.
- Evans, Brian E.; Hemm, Stephen R.; and Russell, Rupert A. V., to Wiggins Teape Group Limited, The. Apparatus for determining an electrical characteristic of a fibrous dispersion. 4,535,285, 8-13-85, Cl. 324-71.100.
- Evans, Brian R.: *See—*
  - Panzner, Frank; and Evans, Brian R., 4,554,170, Cl. 426-651.000.
- Evans, Carnot: *See—*
  - Cornell, William D.; and Evans, Carnot, 4,503,856, Cl. 128-314.000.
- Evans Cooling Associates: *See—*
  - Evans, John W., 4,550,694, Cl. 123-41.020.
- Evans, Dain S.; Georgiou, George A.; Mossman, Peter; Mukherjee, Arabinda; and Whiscombe, John B. Optical fibre coupling assemblies. 4,548,466, 10-22-85, Cl. 350-96.200.
- Evans, Darrell L., to Atlantic Pacific Marine Corporation. Method of supporting a shallow water drilling barge. 4,505,615, 3-19-85, Cl. 405-196.000.
- Evans, David B.: *See—*
  - Hunt, Arlon J.; Hansen, Leif J.; and Evans, David B., 4,499,893, Cl. 126-449.000.
- Evans, David D., to Imperial Chemical Industries PLC. Method for combating pests. 4,510,133, 4-9-85, Cl. 514-30.000.
- Evans, David G., to General Motors Corporation. Solenoid valve. 4,513,780, 4-30-85, Cl. 137-625.650.
- Evans, David L. Lifting and transporting devices. 4,533,009, 8-6-85, Cl. 177-139.000.
- Evans, David M.; and Weightman, Barry O., to National Research Development Corporation. Intramedullary orthopaedic devices. 4,516,569, 5-14-85, Cl. 128-92.0BC.
- Evans, David S.: *See—*
  - Harvey, Raymond G. A.; and Evans, David S., 4,491,775, Cl. 318-434.000.
- Evans, Don S.: *See—*
  - Kleinberg, Larry K.; and Evans, Don S., 4,543,857, Cl. 76-101.00R.
- Evans, Donald J., deceased: *See—*
  - Levings, Nelson, Jr.; Evans, Donald J., deceased; and Evans, Stephen G., administrator, 4,497,524, Cl. 312-265.000.
- Evans, Donald M.: *See—*
  - Fasching, George E.; Evans, Donald M.; and Ernest, John H., 4,523,465, Cl. 73-290.00V.
- Evans, Edward R. Tapered and flanged rubber stopper. 4,544,074, 10-1-85, Cl. 215-355.000.
- Evans, Edwin C., to Gamma One Conversions, Inc. Scanning light system. 4,553,193, 11-12-85, Cl. 362-8.000.
- Evans, Edwin R.; and Clark, Robert F., to General Electric Company. Modified organopolysiloxane composition. 4,492,786, 1-8-85, Cl. 524-865.000.
- Evans, Edwin R.; Pate, Kevin T.; Rattner, Jerome E.; and Simpson, Verne G., to General Electric Company. Treated silica fillers and process for making same. 4,529,774, 7-16-85, Cl. 524-860.000.
- Evans, Edwin R.: *See—*
  - Bush, Richard B.; and Evans, Edwin R., 4,525,528, Cl. 524-860.000.
- Evans, Elfed H.; Hirte, Klaus; and Stremmel, Gerd, to Lever Brothers Company. Process for manufacture of detergent powder. 4,549,978, 10-29-85, Cl. 252-109.000.
- Evans, Evan, to Elfab Corporation. Card edge connector tool and a method of joining a card edge connector. 4,503,608, 3-12-85, Cl. 29-839.000.
- Evans, Evan J.: *See—*
  - Ammon, J. Preston; Weaver, Harry R.; and Evans, Evan J., 4,506,438, Cl. 29-739.000.
- Evans, Francis J.; Daubendiek, Richard L.; and Raleigh, Ronald G., to Eastman Kodak Company. Direct reversal emulsions and photographic elements useful in image transfer film units. 4,504,570, 3-12-85, Cl. 430-217.000.
- Evans, Gary E., to Westinghouse Electric Corp. Method of forming the far-field beam pattern of an antenna. 4,553,145, 11-12-85, Cl. 343-360.000.
- Evans, Geoffrey R., to APV International Limited. Gasketing for heat exchanger plates. 4,556,106, 12-3-85, Cl. 165-166.000.
- Evans, George S.; Morton, Edward W.; Gilmore, John F., deceased; and by Gilmore, Roderick A., Administrator, to North American Philips Lighting Corporation. Energy conserving instant-start series-sequence fluorescent lamp system and fluorescent lamp with overcurrent protection. 4,501,992, 2-26-85, Cl. 315-122.000.
- Evans, Graham: *See—*
  - Kingston, Samuel B.; and Evans, Graham, 4,510,238, Cl. 430-627.000.
- Evans, Harmon A.; and Kwon, Young J., to Westinghouse Electric Corp. Process for combination metal reduction and distillation. 4,556,420, 12-3-85, Cl. 75-84.500.
- Evans, Harmon A.: *See—*
  - Kwon, Young J.; and Evans, Harmon A., 4,511,399, Cl. 75-84.500.
- Evans, Harold R., to Tekron Licensing B.V. Friction type exercising device. 4,540,172, 9-10-85, Cl. 272-133.000.
- Evans, Herbert M. Method and apparatus for the non-destructive testing of materials. 4,519,245, 5-28-85, Cl. 73-579.000.
- Evans, Hilton B., to Gearhart Industries, Inc. Radioactivity well logging. 4,558,220, 12-10-85, Cl. 250-269.000.
- Evans, Irene A.: *See—*
  - Talley, John J.; Evans, Irene A.; and Lewis, Michael D., 4,560,810, Cl. 568-805.000.
- Evans, Jack; and Studer, Philip A., to United States of America, National Aeronautics and Space Administration. Magnetically actuated compressor. 4,500,265, 2-19-85, Cl. 417-417.000.
- Evans, Jack L.; Campbell, Karen J.; Kreil, Curtis L.; and Sidney, LuAnn, to Minnesota Mining and Manufacturing Company. Electron-beam adhesion-promoting treatment of polyester film base for silicone release liners. 4,533,566, 8-6-85, Cl. 427-44.000.
- Evans, Jack L. Fishing rod and reel cover. 4,546,877, 10-15-85, Cl. 206-315.110.
- Evans, James K.: *See—*
  - Napier, Eunice J.; Evans, James K.; Noble, David; and Bushell, Michael, 4,529,734, Cl. 514-375.000.
- Evans, Jeffrey L., to Ting Enterprises, Inc. Fireplace and stove apparatus. 4,503,836, 3-12-85, Cl. 126-135.000.
- Evans, John D.: *See—*
  - Behrendt, Joseph W.; Evans, John D.; and Cox, James W., Jr., 4,491,229, Cl. 212-270.000.
- Evans, John H.; and Sabotta, Kenneth T., to ICI Americas Inc. Impact sensitive high temperature detonator. 4,527,481, 7-9-85, Cl. 102-204.000.
- Evans, John L.; and Bains, Kuldip, to Chubb Fire Security Limited. Liquid-projecting monitor. 4,506,738, 3-26-85, Cl. 169-24.000.
- Evans, John L.; Gehrig, George F.; and Speers, Jerry M., to Exxon Production Research Co. Method and apparatus for monitoring fluid flow between a borehole and the surrounding formations in the course of drilling operations. 4,553,429, 11-19-85, Cl. 73-155.000.
- Evans, John M.; and Ashwood, Valerie A., to Beecham Group p.l.c. Chromans and chromenes, compositions and hypertensive method. 4,496,565, 1-29-85, Cl. 514-222.000.
- Evans, John M.; and Wise, Colin C., to Antec Systems Limited. Patient monitoring equipment, probe for use therewith, and method of measuring anesthesia based on oesophagal contractions. 4,502,490, 3-5-85, Cl. 128-780.000.
- Evans, John M. Instrument and method for epidural and spinal anaesthesia. 4,518,383, 5-21-85, Cl. 604-51.000.
- Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, to Beecham Group p.l.c. 4-amino-benzo[b]pyran-3-ol derivatives. 4,542,149, 9-17-85, Cl. 514-422.000.
- Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, to Beecham Group p.l.c. Anti-hypertensive benzo[b]pyran-3-ols. 4,555,509, 11-26-85, Cl. 514-278.000.
- Evans, John M.: *See—*
  - Wittmann, Joseph W.; and Evans, John M., 4,508,884, Cl. 526-279.000.
- Evans, John T., to General Electric Company. Multi-processor axis control. 4,514,814, 4-30-85, Cl. 364-474.000.
- Evans, John W. Pressurized lubrication assembly for machinery having a flow restrictor device. 4,513,704, 4-30-85, Cl. 123-196.00S.
- Evans, John W. Pressurized lubrication assembly for the center bearing of a turbocharger. 4,513,705, 4-30-85, Cl. 123-196.00S.
- Evans, John W., to Evans Cooling Associates. Process and apparatus for cooling internal combustion engines. 4,550,694, 11-5-85, Cl. 123-41.020.
- Evans, Julie F.; Findlay, Hugh T.; Popyach, Stephen A.; and Tao, Deh C., to International Business Machines Corporation. Thermal printing with ink replenishment. 4,504,840, 3-12-85, Cl. 346-76.0PH.
- Evans, Keith M., to General Motors Corporation. Sheath for storing and presenting shoulder belt. 4,548,425, 10-22-85, Cl. 280-808.000.

Evans, Kenneth R.: *See—*
Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., 4,530,749, Cl. 204-296.000.
Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., 4,557,810, Cl. 204-98.000.
Evans, Lee L.: *See—*
Bingham, David; Evans, Lee L.; and Bradshaw, Peter D., 4,546,324, Cl. 330-9.000.
Evans, Leighton D. Relating to latch security devices. 4,531,633, 7-30-85, Cl. 206-230.000.
Evans, Lyle B. Infinite speed transmission with reciprocating yokes. 4,494,416, 1-22-85, Cl. 74-119.000.
Evans, Maurice L.; Mola, Clark M.; and Beringer, Richard D. Wheel rim buffing device. 4,532,665, 8-6-85, Cl. 15-21.00D.
Evans, Mervyn: *See—*
Harris, John D.; and Evans, Mervyn, 4,502,473, Cl. 128-92.00A.
Evans, Michael E.; and Oberg, Bradley W., to Owens-Corning Fiberglas Corporation. Insulated wall construction. 4,522,004, 6-11-85, Cl. 52-409.000.
Evans, Michael E., to Owens-Corning Fiberglas Corporation. Insulated wall construction. 4,525,970, 7-2-85, Cl. 52-454.000.
Evans, Michael W., to General Electric Company. Clock recovery arrangement. 4,546,486, 10-8-85, Cl. 375-119.000.
Evans, Morris L.; and Small, Augustus B., to Exxon Research & Engineering Co. Aromatic high softening point petroleum resins and process for its preparation. 4,558,107, 12-10-85, Cl. 526-237.000.
Evans Pipeline Equipment Company: *See—*
Slavens, Clyde M., 4,525,616, Cl. 219-60.00R.
Evans Products Company: *See—*
Gaines, Donald R.; and Gaines, Donald L., 4,549,504, Cl. 123-41.010.
Martinek, John J., 4,558,826, Cl. 241-189.00R.
Evans Radak, Suzanne: *See—*
Chorvat, Robert J.; Lenz, George R.; and Evans Radak, Suzanne, 4,500,708, Cl. 544-34.000.
Evans, Raymond J.: *See—*
Viola, Frank J.; Schaub, Erwin L.; Sharp, Bernard C.; and Evans, Raymond J., 4,558,994, Cl. 417-295.000.
Evans, Richard E., Jr.: *See—*
Kinney, William L., Jr.; and Evans, Richard E., Jr., 4,519,823, Cl. 55-493.000.
Evans, Robert D.: *See—*
Gullotti, Damian V.; Winter, Joseph; Young, Kenneth P.; and Evans, Robert D., 4,524,820, Cl. 164-476.000.
Evans, Robert E., to S & S Corporation. Battery latch. 4,511,637, 4-16-85, Cl. 429-100.000.
Evans, Robert F. Seal assemblies. 4,494,749, 1-22-85, Cl. 277-22.000.
Evans, Robert F.; and Stafford, Charles W., to Varel Mfg. Co. Low pressure differential compensator. 4,552,228, 11-12-85, Cl. 175-228.000.
Evans, Robert H.; Espersen, Charles H.; and Tsai, John W., to AM International, Inc. Sheet feeding mechanism for duplicating machine with duplexing capability. 4,526,364, 7-2-85, Cl. 271-272.000.
Evans, Robert J., to Aurora Equipment Company. Cart with plastic toolholder. 4,509,649, 4-9-85, Cl. 211-70.600.
Evans, Robert W., to Hughes Tool Company. Pressure biased seal compressor. 4,506,736, 3-26-85, Cl. 166-387.000.
Evans, Ronald M.; Swanson, Larry; Vale, Wylie W., Jr.; Rosenfeld, Michael G.; Amara, Susan G.; Brown, Marvin R.; and Rivier, Jean E. F., to Salk Institute for Biological Studies, The. Synthetic calcitonin-gene-related peptides for lowering blood pressure or gastric acid secretion in mammals. 4,530,838, 7-23-85, Cl. 514-11.000.
Evans, Ronald M.; and Rosenfeld, Michael G., to Salk Institute for Biological Studies, The. Human CGRP. 4,549,986, 10-29-85, Cl. 260-112.50T.
Evans, Rowland M., to Allied Corporation. Stall detector and surge prevention feature for a gas turbine engine. 4,507,915, 4-2-85, Cl. 60-39.281.
Evans, Stephen G., administrator: *See—*
Levings, Nelson, Jr.; Evans, Donald J., deceased; and Evans, Stephen G., administrator, 4,497,524, Cl. 312-265.000.
Evans, Steven; and Elwood, James K., to Eastman Kodak Company. Non-diffusible magenta compound capable of releasing a 4-(2-heterocyclazo)phenol having a heterocyclic ring fused thereto. 4,495,099, 1-22-85, Cl. 534-651.000.
Evans, Steven J.; and Symons, Robert S., to Varian Associates, Inc. Multidiameter cavity for reduced mode competition in gyrotron oscillator. 4,531,103, 7-23-85, Cl. 331-83.000.
Evans & Sutherland Computer Corp.: *See—*
Gaffney, John, 4,539,638, Cl. 364-300.000.
Hintze, Richard A., 4,499,457, Cl. 340-703.000.
Evans, Thomas E., to Texas Instruments Incorporated. Method and apparatus for assembling electrical contact elements in an electrically insulative body. 4,523,378, 6-18-85, Cl. 29-881.000.
Evans, Thomas E.: *See—*
Finch, Charles R.; Wallace, Leslie E.; and Evans, Thomas E., 4,544,706, Cl. 525-146.000.
Jovick, Raymond J.; Malott, Roger J.; and Evans, Thomas E., 4,510,408, Cl. 310-168.000.
Evans, Thomas L., to General Electric Company. Solvent free preparation of diarylthioethers. 4,499,285, 2-12-85, Cl. 548-461.000.
Evans, Thomas L., to General Electric Company. Method for preparation of aromatic ether imides and for catalyst recovery therein. 4,520,204, 5-28-85, Cl. 548-461.000.
Evans, Vaughn R.; Harris, Richard H.; Thorpe, Allan C.; and Watts, John E., to International Business Machines Corporation. Wire matrix print head apparatus. 4,561,790, 12-31-85, Cl. 400-124.000.
Evans, Wayne W., to Electronic Systems International, Inc. Self-powered, self-regulated, electronic ac control system. 4,504,778, 3-12-85, Cl. 323-323.000.
Evans, William M.: *See—*
Butterworth, George A. M.; Evans, William M.; and Goldner, Howard J., 4,553,669, Cl. 206-439.000.
Evans, William P.; McCabe, Robert J.; and Naviasky, Eric H., to Westinghouse Electric Corp. Latching type comparator. 4,506,171, 3-19-85, Cl. 307-362.000.
Evans, William P., to Union Carbide Corporation. Tellurium-containing cathodes for nonaqueous cells. 4,536,456, 8-20-85, Cl. 429-194.000.
Evans, William P., to Union Carbide Corporation. Iodide treatment of manganese dioxide. 4,541,172, 9-17-85, Cl. 29-623.100.
Evanson, Delbert L.: *See—*
Patrichi, Mihai D.; and Evanson, Delbert L., 4,527,025, Cl. 200-61.080.
Evapco, Inc.: *See—*
Bradley, Wilson E., Jr.; and Rye, Palle, 4,500,330, Cl. 55-257.0PV.
Evason, John, to Pilkington Brothers P.L.C. Method of and apparatus for thermally toughening glass. 4,493,723, 1-15-85, Cl. 65-114.000.
Evason, John; Rigby, Malcolm J.; and Ward, Peter, to Pilkington Brothers P.L.C. Thermally toughening glass. 4,511,384, 4-16-85, Cl. 65-114.000.
Eve, Paul L.; and Speakman, John G., to BP Chemicals Limited. Polymerization process. 4,517,345, 5-14-85, Cl. 526-105.000.
Evel, Eddie A.; Landgraf, Robert M.; Fischer, Walter A.; and Risley, William B., to Hewlett-Packard Company. Programmable delay for digitizer circuits. 4,529,930, 7-16-85, Cl. 324-77.00A.
Eveland, Michael: *See—*
Cushman, Robert L.; Koester, Arlan; and Eveland, Michael, 4,520,960, Cl. 239-29.000.
Evelyn Investments Ltd.: *See—*
Roberts, George E.; and Waddington, Robert L., 4,557,024, Cl. 24-20.0TT.
Even-Or, Baruch: *See—*
Markowitz, Raymond S.; Even-Or, Baruch; and Bohlman, Walter, 4,559,539, Cl. 343-725.000.
Evensen, Knut, to Elkem a/s. Electrode holder system for electrothermic smelting furnaces. 4,543,656, 9-24-85, Cl. 373-101.000.
Evenson, Donald P.; and Darzynkiewicz, Zbigniew, to Memorial Sloan Kettering Cancer Center. Flow cytometry-fluorescence measurements for characterizing sperm. 4,559,309, 12-17-85, Cl. 436-63.000.
Evenson, Mel, to Eldon Industries, Inc. Article holding device. 4,512,480, 4-23-85, Cl. 211-11.000.
Evenson, Mel, to Eldon Industries, Inc. Folding, extensible holder. 4,535,896, 8-20-85, Cl. 211-41.000.
Evenwoll, David L., to Cargill, Incorporated. Protected sensor for granular materials. 4,503,424, 3-5-85, Cl. 340-617.000.
Eveque-Mourroux, Michel C., to Goodyear Tire & Rubber Company, The. Reinforcing belt for tires with a radial carcass. 4,522,243, 6-11-85, Cl. 152-528.000.
Everard, Lloyd D., to Valley Industries, Inc. Retractable awning for mobile dwellings. 4,508,126, 4-2-85, Cl. 135-89.000.
Everatt, Allan E.: *See—*
Chuang, Karl T.; and Everatt, Allan E., 4,504,426, Cl. 261-114.00R.
Everbloom Mushrooms: *See—*
Tan, Kok K., 4,542,608, Cl. 47-1.100.
Everede Tool Company: *See—*
Jorgensen, Charles A., 4,533,285, Cl. 408-191.000.
Everest, Charles E. Intra-optical light beam sighting system for an infrared thermometer. 4,494,881, 1-22-85, Cl. 374-124.000.
Everest, David C., III: *See—*
Chalmers, Edward L., II; and Everest, David C., III, 4,499,676, Cl. 36-120.000.
Everest and Jennings Canadian Limited: *See—*
Burrows, Donald L., 4,504,094, Cl. 301-6.00R.
Everest & Jennings, Inc.: *See—*
Doman, Herbert M., 4,549,624, Cl. 180-6.280.
Nassiri, Joe-Massoud, 4,512,613, Cl. 301-1.000.
Everest-Todd, Selwyn, to Willow House Research Unit. Protection agent for fruits and vegetable tubers. 4,532,156, 7-30-85, Cl. 427-220.000.
Everett, Charles T.: *See—*
Everett, William C., 4,502,251, Cl. 51-99.000.
Everett/Charles Test Equipment, Inc.: *See—*
Neal, Thomas M., 4,550,406, Cl. 371-20.000.
Everett, Colvin K. Wood chipping assembly. 4,527,604, 7-9-85, Cl. 144-176.000.
Everett, George S., to QO Chemicals, Inc. Catalysts for foundry core binders. 4,515,935, 5-7-85, Cl. 528-141.000.
Everett, Harry J.: *See—*
MacArthur, Alexander D.; and Everett, Harry J., 4,534,320, Cl. 122-406.00R.
Everett, Jimmy D.: *See—*
Higgs, Kenneth O.; and Everett, Jimmy D., 4,559,811, Cl. 73-59.000.
Everett, John E., Jr., to General American Transportation Corporation. Lifting structure for railway tank car. 4,557,199, 12-10-85, Cl. 105-362.000.
Everett, Leroy J.; and DeFilippis, Stanley J., to Packard Instrument Company, Inc. Method and apparatus for determination of sample homogeneity in scintillation counting. 4,555,629, 11-26-85, Cl. 250-362.000.

Everett, Lynn E., to Tusco Manufacturing Co. Display canopy. 4,541,675, 9-17-85, Cl. 312-257.00R.

Everett, Nicholas P., to Stauffer Chemical Company. Plant growth medium. 4,552,844, 11-12-85, Cl. 435-240.000.

Everett, Robert D.: *See—*
- Gray, Matthew H.; and Everett, Robert D., 4,538,719, Cl. 194-100.00A.

Everett, Thomas D. Buoyancy prime mover with pressure control means. 4,498,294, 2-12-85, Cl. 60-496.000.

Everett, William C., to Everett, Charles T. Cut-off saws. 4,502,251, 3-5-85, Cl. 51-99.000.

Evergreen Industries, Inc.: *See—*
- Wong, Johnson N. S., 4,526,756, Cl. 422-104.000.

Everhardus, Roelof H.; and van Lomm, Gerard J. E. H., to Oce-Nederland B.V. Electrophotographic element and photocopying process making use of certain 4-[bis-phenylamino]benzaldehyde azines. 4,543,310, 9-24-85, Cl. 430-59.000.

Everhart, Cherie H.: *See—*
- Aszman, Harry W.; Buck, Charles E.; and Everhart, Cherie H., 4,501,680, Cl. 252-142.000.

Everitt, Delmar K.: *See—*
- Goldfarb, Adolph E.; and Everitt, Delmar K., 4,492,058, Cl. 446-462.000.
- Goldfarb, Adolph E.; and Everitt, Delmar K., 4,498,886, Cl. 446-202.000.
- Goldfarb, Adolph E.; and Everitt, Delmar K., 4,509,760, Cl. 273-380.000.
- Goldfarb, Adolph E.; Everitt, Delmar K.; and Burger, Norman J., 4,511,343, Cl. 446-463.000.
- Goldfarb, Adolph E.; Everitt, Delmar K.; and Burger, Norman J., 4,522,606, Cl. 446-433.000.
- Goldfarb, Adolph E.; and Everitt, Delmar K., 4,526,554, Cl. 446-429.000.
- Goldfarb, Adolph E.; and Everitt, Delmar K., 4,547,166, Cl. 446-164.000.
- Goldfarb, Adolph E.; and Everitt, Delmar K., 4,550,910, Cl. 273-86.00B.

Everlite A/S: *See—*
- Sokoler, Henryk; and Pedersen, Eigil, 4,509,306, Cl. 52-302.000.

Everly, Charles R.; and Roper, Jerry M., to Ethyl Corporation. Chemical process. 4,532,356, 7-30-85, Cl. 568-315.000.

Everman, Carl G. Split hub wheel apparatus. 4,495,032, 1-22-85, Cl. 202-105.000.

Everman, Wayne F.; Lewis, D. Michael; and Russell, Raymond L., to Container Corporation of America. Method and apparatus for forming plastic liners and inserting them into bulk containers. 4,537,584, 8-27-85, Cl. 493-93.000.

Everpure, Inc.: *See—*
- Regunathan, Perialwar; Tadlock, John W.; and Jarog, Dean J., 4,548,227, Cl. 137-268.000.

Evers, Hans C. A.: *See—*
- Broberg, Berndt F. J.; and Evers, Hans C. A., 4,529,601, Cl. 514-626.000.
- Broberg, Berndt F. J.; and Evers, Hans C. A., 4,562,060, Cl. 424-28.000.

Evers, Johannes T. M.: *See—*
- Verwer, Andreas N. J.; and Evers, Johannes T. M., 4,499,235, Cl. 525-38.000.

Evers, Walter: *See—*
- Hoffmann, Peter; and Evers, Walter, 4,518,006, Cl. 137-218.000.

Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. 1,2,3,3,5,6-hexamethyl-bicyclo[2.2.2]-oct-5-en-2-ol, process for producing same, intermediates useful in said process and organoleptic uses of same. 4,496,775, 1-29-85, Cl. 568-820.000.

Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., to International Flavors & Fragrances Inc. Process for augmenting or enhancing the aroma of perfumed articles by adding thereto triconjugated dienones. 4,504,398, 3-12-85, Cl. 252-8.600.

Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. Process for augmenting or enhancing aroma of consumable material by adding thereto 1,2,3,3,5,6-hexamethyl-bicyclo[2.2.2]-oct-5-en-2-ol. 4,512,902, 4-23-85, Cl. 252-8.600.

Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. 1,2,3,3,5,6-hexamethyl-bicyclo[2.2.2]oct-5-en-2-ol, and organoleptic uses of same. 4,514,324, 4-30-85, Cl. 252-522.00R.

Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. 1,2,3,3,5,6-hexamethyl-bicyclo[2.2.2]oct-5-en-2-ol, process for producing same, intermediates useful in said process and organoleptic uses of same. 4,532,359, 7-30-85, Cl. 568-346.000.

Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., to International Flavors & Fragrances Inc. 1,2,3,3,5,6-hexamethyl-bicyclo[2.2.2]oct-5-en-2-ol, process for producing same, intermediates useful in said process and organoleptic uses of same. 4,549,972, 10-29-85, Cl. 252-8.600.

Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., to International Flavors & Fragrances Inc. Synthesis of triconjugated dienones and intermediates used in said process. 4,560,791, 12-24-85, Cl. 560-254.000.

Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., to International Flavors & Fragrances Inc. Synthesis of triconjugated dienones and novel intermediates used in said process. 4,560,802, 12-24-85, Cl. 568-388.000.

Evers, William J.: *See—*
- Mookherjee, Braja D.; Chant, Bernard J.; Evers, William J.; Wilson, Richard A.; Zampino, Michael J.; and Vock, Manfred H., 4,536,583, Cl. 549-1.000.

Eversole, Frank A. Lug nut remover. 4,537,101, 8-27-85, Cl. 81-180.100.

Eversole, Jay D., to United States of America, Air Force. Multi-color X-ray line source. 4,523,327, 6-11-85, Cl. 378-124.000.

Everson, Charles W.: *See—*
- Bender, Fredric G.; Everson, Charles W.; and Swartz, William E., 4,500,559, Cl. 426-646.000.
- Swartz, William E.; Everson, Charles W.; and Bender, Fredric G., 4,556,571, Cl. 426-265.000.

Everson, William G.; and Stevens, Richard D. Rotary packaging technology. 4,530,686, 7-23-85, Cl. 493-315.000.

Evert, Karla R., to Stearns Manufacturing Company. Hybrid personal flotation device. 4,498,882, 2-12-85, Cl. 441-116.000.

Evert, Karla R., to Stearns Manufacturing Company. Sailboarding personal flotation device. 4,545,773, 10-8-85, Cl. 441-114.000.

Everts, Robert G. Coupling for interconnecting two handle portions of a power driven implement. 4,505,040, 3-19-85, Cl. 30-296.00R.

Evertz, Egon; and Pirdzun, Jorg, to Evertz, Egon. Process for the repair of slide plates. 4,555,094, 11-26-85, Cl. 266-45.000.

Evey, William M.: *See—*
- Kub, Francis J.; and Evey, William M., 4,499,653, Cl. 29-571.000.

EVG Entwicklungs- und Verwertungs-Gesellschaft m.b.H.: *See—*
- Ritter, Gerhard; Ritter, Klaus; and Jahrbacher, Gerhard, 4,496,820, Cl. 219-87.000.
- Ritter, Gerhard; Ritter, Klaus; Ritter, Josef; and Pollhammer, Edgar, 4,506,818, Cl. 227-67.000.
- Ritter, Klaus; Ritter, Gerhard; Schmidt, Gerhard; and Ritter, Josef, 4,526,025, Cl. 72-388.000.
- Scherr, Rudolf; Schmidt, Gerhard; Pollhammer, Edgar; Ritter, Gerhard; and Ritter, Klaus, 4,529,858, Cl. 219-56.000.
- Schmidt, Gerhard; Ritter, Klaus; and Ritter, Gerhard, 4,500,763, Cl. 219-58.000.
- Schmidt, Gerhard; Ritter, Gerhard; and Ritter, Klaus, 4,503,650, Cl. 52-660.000.

Evlakhova, Raisa A.: *See—*
- Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.

Evlanov, Viktor I., to Avtomobilny Zavod Imeni Leninskogo Komsomola. Suspension of a motor vehicle. 4,530,512, 7-23-85, Cl. 280-661.000.

Evolution Enterprises, Inc.: *See—*
- Straayer, Robert O., 4,501,332, Cl. 172-41.000.

Evrard, Paul: *See—*
- Avenel, Michel; Evrard, Paul; and Leca, Jean-Paul, 4,549,033, Cl. 136-251.000.

Evron, Amos. Infants' carriages. 4,491,335, 1-1-85, Cl. 280-47.410.

Evseev, Alexei I.: *See—*
- Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.

Evva-Werk Spezialerzeugung von Zylinder- und Sicherheitsschlossern Gesellschaft m.b.H. & Co. Kommanditgesellschaft: *See—*
- Prunbauer, Kurt; and Csapo, Erich, 4,516,416, Cl. 70-276.000.

Ewald Dorken AG: *See—*
- Jablonka, Dieter; Urban, Klaus; Raidt, Heinz-Peter; and Schepers, Eberhard, 4,555,433, Cl. 428-166.000.

Ewald Euscher: *See—*
- Euscher-Klingenhagen, Werner; Griemla, Horst; and Rodekamp, Hartmut, 4,515,285, Cl. 220-288.000.

Ewald, Jerome T.: *See—*
- Brown, Arthur K.; Fulmer, Keith H.; and Ewald, Jerome T., 4,514,981, Cl. 60-547.100.

Ewald, Ole, to Damas Maskinfabrik A/S. Screening apparatus for grains, seeds or the like materials or granules. 4,525,271, 6-25-85, Cl. 209-303.000.

Ewald, Ruediger, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Hold-down apparatus for unfoldable functional elements. 4,491,446, 1-1-85, Cl. 410-32.000.

Ewan, George B.: *See—*
- Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; Coomber, Barry A.; and Pateman, Anthony J., 4,497,805, Cl. 514-172.000.
- Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; and Coomber, Barry A., 4,515,786, Cl. 514-182.000.

Ewen, Eric D.: *See—*
- Day, Frederic F.; Powers, William J., III; Ewen, Eric D.; and Piper, Gerald L., 4,548,754, Cl. 260-410.90R.

Ewen, John A., to Exxon Research & Engineering Co. Isotactic-stereoblock polymers of alpha-olefins and process for producing the same. 4,522,982, 6-11-85, Cl. 525-240.000.

Ewen, John A.; and Welborn, Howard C., Jr., to Exxon Research & Engineering Co. Process and catalyst for producing polyethylene having a broad molecular weight distribution. 4,530,914, 7-23-85, Cl. 502-113.000.

Ewer, Ronald W.: *See—*
- Roscrow, Harold N.; Ewer, Ronald W.; and Squires, Philip H., 4,522,768, Cl. 264-2.200.

- Ewers, Frederick H. Power driven disc cultivator apparatus. 4,499,747, 2-19-85, Cl. 172-68.000.
- Ewig, John F., to Parker Manufacturing Company. Electro-magnetic stapling tool. 4,491,262, 1-1-85, Cl. 227-131.000.
- Ewing, Channing B. Pharmaceutical methods using parabenzoquinone to treat muscle spasms. 4,522,830, 6-11-85, Cl. 514-690.000.
- Ewing, Ed. Vine stapler. 4,540,112, 9-10-85, Cl. 227-152.000.
- Ewing, Frank I.: *See—*
  - Leppelmeier, Elton T.; and Ewing, Frank I., 4,499,403, Cl. 313-487.000.
- Ewing, James H., to MKS Instruments, Inc. Laminar-flow channeling in thermal flowmeters and the like. 4,522,058, 6-11-85, Cl. 73-202.000.
- Ewing, John G. Heart monitor for horses. 4,540,001, 9-10-85, Cl. 128-706.000.
- Ewing, John J.: *See—*
  - Fecik, Michael T.; Ewing, John J.; and Mates, Edward I., 4,525,196, Cl. 65-287.000.
  - Fecik, Michael T.; Bennett, Terry A.; and Ewing, John J., 4,539,031, Cl. 65-29.000.
  - Fecik, Michael T.; Frank, Robert G.; Ewing, John J.; and Siminerio, Andrew C., 4,556,407, Cl. 65-289.000.
  - Fecik, Michael T.; Frank, Robert G.; and Ewing, John J., 4,556,408, Cl. 65-289.000.
  - Frank, Robert G.; Fecik, Michael T.; and Ewing, John J., 4,501,603, Cl. 65-106.000.
  - Frank, Robert G.; Fecik, Michael T.; and Ewing, John J., 4,526,605, Cl. 65-273.000.
- Ewing, John R.: *See—*
  - Newell, Alton S.; Newell, Alton S., Jr.; Popovich, Paul D.; and Ewing, John R., 4,504,019, Cl. 241-73.000.
- Ewing, Peter D. Torque limiting set screw. 4,492,500, 1-8-85, Cl. 411-5.000.
- Ewing, Peter D., to NSS, Industries, Inc. Coupling for sucker rod assembly. 4,500,224, 2-19-85, Cl. 403-343.000.
- Ewing, Peter D., to National Set Screw. Method of making a sucker rod assembly. 4,538,339, 9-3-85, Cl. 29-510.000.
- Ewing, Robert L.; Hughes, James S.; and Bruggeman, Bruce, to Manville Service Corporation. Floodlight luminaire. 4,538,217, 8-27-85, Cl. 362-375.000.
- Ewy, M. Dale: *See—*
  - Borish, Jeffrey G.; and Ewy, M. Dale, 4,535,474, Cl. 381-61.000.
- Ex-Cell-O Corporation: *See—*
  - Adleman, Larry G.; and Malanaphy, Richard H., 4,543,722, Cl. 30-360.000.
  - Bacon, Forrest C.; and Nord, Keith W., 4,499,704, Cl. 53-156.000.
  - Bacon, Forrest C., 4,559,754, Cl. 53-53.000.
  - Bradley, Jerome R.; Halvorsen, Robert M.; Hurst, Jeffrey B.; and Long, Gregory F., 4,491,272, Cl. 239-5.000.
  - Daniels, Robert L., 4,525,957, Cl. 51-244.000.
  - Dzewaltowski, Victor F.; and Hobbs, Robert N., 4,513,540, Cl. 51-165.710.
  - Dzewaltowski, Victor F.; and Millay, Lawrence I., 4,531,327, Cl. 51-103.0WH.
  - Dzewaltowski, Victor F.; and Gile, Richard H., 4,539,778, Cl. 51-165.870.
  - Dzewaltowski, Victor F.; and Farmer, Steven P., 4,561,218, Cl. 51-290.000.
  - Gaudreau, Laurent R., 4,562,032, Cl. 264-267.000.
  - Gill, John D., 4,510,881, Cl. 114-270.000.
  - Grace, Wallace C., 4,498,361, Cl. 76-101.00R.
  - Gray, John D., 4,562,025, Cl. 264-126.000.
  - Hagemeyer, Kenneth L.; and Pearson, Vernon W., 4,533,287, Cl. 409-234.000.
  - Hobson, James C., 4,501,190, Cl. 89-41.00H.
  - Jackson, Theodore A., 4,531,444, Cl. 89-1.400.
  - Jackson, Theodore A., 4,553,726, Cl. 248-297.100.
  - Johnson, D. Dale, 4,527,458, Cl. 89-41.010.
  - Johnson, D. Dale, 4,552,344, Cl. 267-64.110.
  - Joosten, Richard L.; and Davis, George A., Jr., 4,506,491, Cl. 53-426.000.
  - Kalokhe, Shivdas A., 4,508,476, Cl. 408-156.000.
  - Lesniak, Thomas A., 4,513,811, Cl. 165-79.000.
  - Lisiecki, Robert E., 4,520,929, Cl. 206-610.000.
  - Lisiecki, Robert E., 4,520,930, Cl. 206-628.000.
  - Lisiecki, Robert E., 4,520,957, Cl. 229-17.00R.
  - Lisiecki, Robert E., 4,546,915, Cl. 229-17.00G.
  - Millay, Lawrence I.; and Dzewaltowski, Victor F., 4,513,541, Cl. 51-237.00R.
  - Mitchell, William A.; Thompson, J. Brent; and Freese, John L., 4,519,734, Cl. 409-231.000.
  - Moore, James I.; and Van Huis, Philip J., 4,493,362, Cl. 164-457.000.
  - Nord, Keith W., 4,515,039, Cl. 74-665.00C.
  - O'Rourke, Glenn R., 4,537,422, Cl. 280-705.000.
  - Plummer, Jeffrey J.; and Adleman, Larry G., 4,553,738, Cl. 254-358.000.
  - Plummer, Jeffrey J., 4,555,093, Cl. 254-362.000.
  - Rangwala, Badruddin K.; and Flack, Toney S., 4,537,335, Cl. 222-496.000.
  - Risko, Frank D.; and Lewis, Thomas D., 4,548,244, Cl. 141-156.000.
  - Sandy, Julius W.; Riebock, William D.; and Bauscher, Billy J., 4,536,107, Cl. 408-214.000.
  - Skrycki, Andrew R., 4,505,486, Cl. 277-235.00B.
  - Wise, Daniel J.; and Woodhall, Donna M., 4,537,815, Cl. 428-219.000.
  - Wroble, Arthur J., 4,501,188, Cl. 89-41.00M.
- Exact-1-Dent, Incorporated: *See—*
  - Elggren, Richard W., 4,557,693, Cl. 433-229.000.
- Exanno Products Limited: *See—*
  - Sullivan, Michael T., 4,537,430, Cl. 285-364.000
- Excel Corporation: *See—*
  - Vessey, John R.; Patel, Chandrakant M.; and Armstrong, Jack, 4,523,673, Cl. 198-486.000.
- Excel Industries, Inc.: *See—*
  - Mullet, David L.; Rilling, Raymond J.; and Voth, Elmer D., 4,497,160, Cl. 56-6.000.
- Excelermatic Inc.: *See—*
  - Kraus, Charles E., 4,491,038, Cl. 74-798.000.
  - Kraus, Charles E., 4,501,172, Cl. 74-867.000.
  - Kraus, Charles E., 4,526,051, Cl. 74-200.000.
  - Kraus, Charles E., 4,537,093, Cl. 74-798.000.
- Excell Corporation: *See—*
  - Shimizu, Shoji, 4,550,008, Cl. 264-527.000.
- Excell Manufacturing Company: *See—*
  - Kilguss, Howard M., 4,494,279, Cl. 24-336.000.
- Excellon Industries: *See—*
  - Neumann, Don B., 4,523,093, Cl. 250-234.000.
- Excoffon, Charles: *See—*
  - Ricard, Jean; and Excoffon, Charles, 4,495,155, Cl. 422-248.000.
- Exertier, Michel, to Rhone-Poulenc Industries. Purification of sugarcane juice. 4,523,959, 6-18-85, Cl. 127-46.200.
- Exeter, George M., to Ferranti plc. Radar systems. 4,556,887, 12-3-85, Cl. 343-8.000.
- Exevea, Amador G. Toy camera that produces simulated photo. 4,508,518, 4-2-85, Cl. 446-475.000.
- Exinger, Erich: *See—*
  - Hofbauer, August; and Exinger, Erich, 4,516,552, Cl. 123-452.000.
- Exler, Heribert: *See—*
  - Hofbauer, Edwin; Lechner, Peter; and Exler, Heribert, 4,551,051, Cl. 414-21.000.
- Exner, Gerhard: *See—*
  - Raschke, Klaus; and Exner, Gerhard, 4,551,063, Cl. 415-115.000.
- Exner, Gunter, to Fulgurit GmbH & Co. Kommanditgesellschaft. Process for depositing a coat of paint on wood-cement boards. 4,496,636, 1-29-85, Cl. 428-703.000.
- Exner, Rainer: *See—*
  - Knothe, Erich; Melcher, Franz-Josef; Stadler, Eberhard; and Exner, Rainer, 4,494,620, Cl. 177-25.000.
- Exo Sensors, Inc.: *See—*
  - Rudek, Fred, 4,498,049, Cl. 324-443.000.
- Exovir, Inc.: *See—*
  - Asculai, Samuel S.; and Rapp, Fred, 4,507,281, Cl. 424-85.000.
- Expand-A-Line, Incorporated: *See—*
  - Thompson, Alan E., 4,507,019, Cl. 405-154.000.
- Expert Automation, Inc.: *See—*
  - Barr, Gaitskill S., 4,528,860, Cl. 74-52.000.
- Expert Maschinenbau GmbH: *See—*
  - Moller, Reinfried, 4,511,110, Cl. 248-421.000.
- Exploration Logging, Inc.: *See—*
  - Jeter, John D.; and More, Henry S., 4,494,072, Cl. 324-347.000.
  - Mumby, Edward S., 4,550,392, Cl. 367-82.000.
  - Troy, George W., 4,513,403, Cl. 367-83.000.
  - Wisniewski, Waldemar S., 4,511,829, Cl. 318-317.000.
- Explosive Fabricators, Inc.: *See—*
  - Hardwick, Roy, 4,518,111, Cl. 228-107.000.
- Exquisite Form Industries, Inc.: *See—*
  - Porco, Frank, 4,550,734, Cl. 128-460.000.
- Extracorporeal Medical Specialties Inc.: *See—*
  - Lee, Kyu H., 4,496,458, Cl. 210-90.000.
  - Skinner, Christopher A., 4,498,982, Cl. 210-96.200.
  - Troutner, Vernon H., 4,501,583, Cl. 604-118.000.
- Extraktionstechnik Gesellschaft Fur Anlagenbau mbH: *See—*
  - Weber, Klaus, 4,554,163, Cl. 424-195.100.
- Exxon Nuclear Company, Inc.: *See—*
  - Gehri, Aime A., 4,495,145, Cl. 376-261.000.
  - Gheri, Aime A., 4,495,146, Cl. 376-261.000.
- Exxon Production Research Co.: *See—*
  - Avicola, Kenneth, 4,545,253, Cl. 73-655.000.
  - Bragg, James R., 4,493,774, Cl. 252-8.55D.
  - Chiu, Chen-hwa, 4,548,629, Cl. 62-17.000.
  - Choate, Thomas G. A., 4,561,679, Cl. 285-95.000.
  - Danielson, Thomas R.; and Eberwine, Donald A., 4,512,408, Cl. 166-349.000.
  - Daughtry, Arthur C.; and McDonald, William M., 4,559,716, Cl. 33-529.000.
  - Davis, Albert P., Jr.; Knight, Orien M.; and Stoltz, John W., 4,506,729, Cl. 166-65.00M.
  - Davis, Albert P., Jr.; and Robinson, Leon H., 4,537,457, Cl. 339-117.00P.
  - Drake, Evelyn N.; Morrison, Mary E.; and Dawson, Charles R., 4,503,170, Cl. 523-130.000.
  - Erbstoesser, Steven R.; Cooke, Claude E., Jr.; Sinclair, Richard G.; and Epstein, Michael M., 4,526,695, Cl. 252-8.55R.
  - Evans, John L.; Gehrig, George F.; and Speers, Jerry M., 4,553,429, Cl. 73-155.000.
  - Finn, Lyle D.; Volkert, Bruce C.; Matthews, Jamie F., Jr.; and Brady, Michael M., 4,523,877, Cl. 405-195.000.
  - Finucane, Raymond G.; and Jahns, Hans O., 4,523,879, Cl. 405-217.000.
  - Garcia, Juan A., 4,501,330, Cl. 166-297.000.

  - Gregory, Edward W.; Danielson, Thomas R.; and Eberwine, Donald A., 4,512,409, Cl. 166-352.000.
  - Hibbs, David A.; Rickey, Wynn P.; and Stanton, Paul N., 4,549,578, Cl. 137-624.110.
  - Huffaker, Roger W., 4,558,751, Cl. 175-99.000.
  - Keller, Stuart R., 4,548,271, Cl. 166-291.000.
  - Khan, Shuaib A.; and Haliburton, James, 4,507,133, Cl. 62-29.000.
  - Kirby, Robert A., 4,556,120, Cl. 181-120.000.
  - Konak, A. Riza, 4,522,218, Cl. 137-3.000.
  - Lim, Git B.; and Konak, A. Riza, 4,518,505, Cl. 210-712.000.
  - McKeehan, David S.; and Kopp, Frans, 4,528,757, Cl. 33-529.000.
  - Mifsud, Joseph F., 4,557,348, Cl. 181-120.000.
  - Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, 4,503,393, Cl. 324-235.000.
  - Moyer, Mark C., 4,510,447, Cl. 324-225.000.
  - Mut, Alan D.; and Deans, Harry A., 4,508,169, Cl. 166-250.000.
  - Novak, Lucille H., 4,547,298, Cl. 252-8.50C.
  - Ortloff, John E., 4,493,282, Cl. 114-230.000.
  - Ortloff, John E., 4,529,334, Cl. 405-195.000.
  - Ortloff, John E., 4,532,879, Cl. 114-230.000.
  - Ramsey, Mark S., 4,534,424, Cl. 175-40.000.
  - Richart, Jene A.; Beitler, Bradley D.; and Deeken, David G., 4,523,878, Cl. 405-195.000.
  - Rickey, Wynn P.; Dobson, Deborah H.; and Huffaker, Roger W., 4,528,041, Cl. 134-8.000.
  - Salathiel, William M., 4,517,102, Cl. 252-8.55R.
  - Tsao, Yuh-hwang; and Binder, George G., Jr., 4,519,452, Cl. 166-288.000.
  - Valencia, Jaime A.; and Denton, Robert D., 4,511,382, Cl. 62-20.000.
  - Valencia, Jaime A.; and Denton, Robert D., 4,533,372, Cl. 62-12.000.
- Exxon Research & Engineering Co.: *See—*
  - Abele, Wolfgang P., 4,505,201, Cl. 102-324.000.
  - Achia, Biddanda U.; Shaw, David H.; and Bushnell, James D., 4,522,710, Cl. 208-349.000.
  - Agapiou, Agapios K., 4,508,844, Cl. 502-132.000.
  - Agarwal, Pawan K.; Lundberg, Robert D.; Wagensomer, Joseph; and Jagisch, Frank C., 4,517,250, Cl. 428-483.000.
  - Agarwal, Pawan K.; Lundberg, Robert D.; Graessley, William W.; and Ver Strate, Gay, 4,536,310, Cl. 252-33.000.
  - Agarwal, Pawan K.; and Lundberg, Robert D., 4,537,919, Cl. 523-336.000.
  - Agarwal, Pawan K.; Duvdevani, Ilan; and Lundberg, Robert D., 4,543,385, Cl. 524-518.000.
  - Aliani, Giorgio; Lechat, Jacques B.; and Smits, Jozef A. F., 4,497,941, Cl. 526-331.000.
  - Allan, David E., 4,492,625, Cl. 208-131.000.
  - Allan, David E., 4,501,654, Cl. 208-92.000.
  - Allan, David E.; Molstedt, Byron V.; and Mohan, Raam R., 4,501,820, Cl. 502-27.000.
  - Allan, David E., 4,519,898, Cl. 208-131.000.
  - Allan, David E.; and Martinez, Charles H., 4,534,851, Cl. 208-48.00R.
  - Arcuri, Kym B.; Mauldin, Charles H.; and Shaw, Dave H., 4,558,030, Cl. 502-325.000.
  - Baird, William C., Jr.; and Mauldin, Charles H., 4,541,915, Cl. 208-65.000.
  - Baker, Rees T.; Chludzinski, James J.; and Dumesic, James A., 4,529,626, Cl. 427-226.000.
  - Barnett, Allan E.; and Halluin, Albert P., 4,532,351, Cl. 564-415.000.
  - Barnett, Don C., 4,544,932, Cl. 346-140.00R.
  - Barthomeuf, Denise M.; and Rosenfeld, Daniel D., 4,554,398, Cl. 585-828.000.
  - Bearden, Roby; and Stuntz, Gordon F., 4,537,676, Cl. 208-251.00R.
  - Bearden, Roby, Jr.; and Aldridge, Clyde L., 4,548,700, Cl. 208-10.000.
  - Bearden, Roby, Jr.; and Aldridge, Clyde L., 4,557,822, Cl. 208-112.000.
  - Beaudet, Emilien, 4,509,307, Cl. 52-309.400.
  - Becht, Charles, IV, 4,532,108, Cl. 422-143.000.
  - Becker, Kenneth W.; Jackson, James R.; Lindblom, Gordon P.; and Walsh, Marjorie A., 4,502,962, Cl. 210-749.000.
  - Bertsch, Carl F., 4,504,381, Cl. 208-113.000.
  - Bertsch, Carl F., 4,522,704, Cl. 208-113.000.
  - Best, Steven A., 4,558,024, Cl. 502-115.000.
  - Best, Steven A., 4,558,025, Cl. 502-115.000.
  - Beyerlein, Robert A.; Poeppelmeier, Kenneth R.; and Jacobson, Allan J., 4,503,166, Cl. 502-303.000.
  - Black, Laura E.; Miasek, Peter G.; and Adriaens, Georges, 4,532,029, Cl. 208-308.000.
  - Bloch, Ricardo; McCrary, Thomas J., Jr.; and Brownawell, Darrell W., 4,517,104, Cl. 252-51.50A.
  - Bock, Jan; and Valint, Paul L., Jr., 4,548,735, Cl. 252-312.000.
  - Borcenk, Frank; Forsythe, Jeffry A.; and Roe, Frank L., 4,530,611, Cl. 400-175.000.
  - Bouboulis, Constantine J.; and Kuntz, Irving, 4,501,868, Cl. 526-208.000.
  - Bouboulis, Constantine J., 4,532,294, Cl. 524-773.000.
  - Boyle, Joseph P.; and Gilbert, John B., 4,517,076, Cl. 208-140.000.
  - Broadhurst, Thomas E., 4,502,787, Cl. 366-149.000.
  - Bronson, Stanley O.; Peterson, John R.; and Schumacher, Edward B., 4,558,016, Cl. 501-95.000.
  - Cahn, Robert P.; and Siegell, Jeffrey H., 4,546,552, Cl. 34-1.000.
  - Canevari, Gerard P., 4,560,482, Cl. 210-749.000.
  - Chang, Bong H.; and Ritchie, Joseph M., 4,528,088, Cl. 208-96.000.
  - Chen, Frank J.; and Brownawell, Darrell W., 4,558,170, Cl. 585-532.000.
  - Chianelli, Russell R.; and Pecoraro, Theresa A., 4,508,847, Cl. 502-200.000.
  - Cody, Ian A., 4,515,681, Cl. 208-111.000.
  - Cooke, Theodore M.; Lin, Robert A.; Whitfield, Richard G.; and Hock, Allan G., 4,537,631, Cl. 106-22.000.
  - Cozewith, Charles; Ju, Shiaw; and Ver Strate, Gary W., 4,540,753, Cl. 526-88.000.
  - Davis, Thomas A., 4,536,283, Cl. 208-309.000.
  - Dean, Anthony M.; DeGregoria, Anthony J.; Hardy, James E.; Hurst, Boyd E.; and Lyon, Richard K., 4,507,269, Cl. 423-235.000.
  - Deckman, Harry W.; Witzke, Horst; and Wronski, Christopher, 4,497,974, Cl. 136-259.000.
  - Deckman, Harry W.; and Dunsmuir, John H., 4,512,848, Cl. 156-630.000.
  - Deckman, Harry W.; Witzke, Horst; Wronski, Christopher; and Yablonovitch, Eli, 4,554,727, Cl. 29-572.000.
  - Diana, William D., 4,538,010, Cl. 568-918.000.
  - DiNicolantonio, Arthur R.; and Wei, Victor K., 4,499,055, Cl. 422-197.000.
  - Doyle, Gerald; Pruett, Roy L.; and Savage, David W., 4,508,694, Cl. 423-246.000.
  - Doyle, Gerald; Eriksen, Kenneth A.; and Pruett, Roy L., 4,551,543, Cl. 556-14.000.
  - Drake, Evelyn N.; Morrison, Mary E.; and Dawson, Charles R., 4,503,170, Cl. 523-130.000.
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  - Duvdevani, Ilan; Peiffer, Dennis G.; Eckert, John A.; and Lundberg, Robert D., 4,516,982, Cl. 44-62.000.
  - Duvdevani, Ilan; Eckert, John A.; Schulz, Donald N.; and Kitano, Kissho, 4,523,929, Cl. 44-62.000.
  - Eberly, Paul E., Jr., 4,498,979, Cl. 208-216.00R.
  - Eberly, Paul E., Jr.; and Winter, William E., Jr., 4,513,090, Cl. 502-66.000.
  - Etherton, Bradley P.; and Hamer, Anthony D., 4,508,843, Cl. 502-115.000.
  - Euker, Charles A., Jr., 4,491,512, Cl. 208-11.0LE.
  - Evans, Morris L.; and Small, Augustus B., 4,558,107, Cl. 526-237.000.
  - Ewen, John A., 4,522,982, Cl. 525-240.000.
  - Ewen, John A.; and Welborn, Howard C., Jr., 4,530,914, Cl. 502-113.000.
  - Fiato, Rocco A.; McVicker, Gary B.; and Montagna, Angelo A., 4,532,229, Cl. 502-330.000.
  - Fiato, Rocco A.; Soled, Stuart L.; and Montagna, Angelo A., 4,537,867, Cl. 502-74.000.
  - Fiato, Rocco A.; and Soled, Stuart L., 4,544,672, Cl. 518-700.000.
  - Fiato, Rocco A.; Soled, Stuart L.; and Montagna, Angelo A., 4,544,674, Cl. 518-717.000.
  - Fiato, Rocco A.; and Kugler, Edwin L., 4,548,953, Cl. 518-717.000.
  - Fiocco, Robert J.; and Bushnell, James D., 4,511,537, Cl. 422-256.000.
  - Fiocco, Robert J., 4,519,901, Cl. 208-321.000.
  - Fiocco, Robert J.; and Niessen, Edward, 4,528,068, Cl. 196-14.520.
  - Foroulis, Z. Andrew, 4,499,003, Cl. 252-192.000.
  - Frankenfeld, John W.; and Bruncati, Robert L., 4,532,027, Cl. 208-255.000.
  - Fuller, Everett J.; and Lundberg, Robert D., 4,508,626, Cl. 210-708.000.
  - Fuller, Everett J.; and Lundberg, Robert D., 4,511,479, Cl. 210-708.000.
  - Fung, Shun C.; Weissman, Walter; Carter, James L.; and Kmak, Walter S., 4,491,635, Cl. 502-37.000.
  - Fung, Shun C.; and Rice, Richard W., 4,491,636, Cl. 502-37.000.
  - Fung, Shun C., 4,492,767, Cl. 502-35.000.
  - Girling, Peter M.; and Lisi, Edward L., 4,529,703, Cl. 436-3.000.
  - Godwin, Allen D.; and Wickson, Edward J., 4,543,420, Cl. 560-76.000.
  - Graves, Victoria, 4,554,265, Cl. 502-113.000.
  - Graves, Victoria, 4,562,170, Cl. 502-113.000.
  - Grimes, Patrick G., 4,540,639, Cl. 429-17.000.
  - Gupta, Ramesh, 4,526,757, Cl. 422-106.000.
  - Gutierrez, Antonio; Brownawell, Darrell W.; Walker, Thad O.; and Brois, Stanley J., 4,491,524, Cl. 252-8.50C.
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  - Habeeb, Jacob J., 4,501,677, Cl. 252-37.200.
  - Hafez, Mahmoud M.; and Pauls, Henry W., 4,496,456, Cl. 208-33.000.
  - Halluin, Albert P.; and Barnett, Allan E., 4,497,907, Cl. 502-235.000.
  - Hamner, Glen P., 4,501,653, Cl. 208-89.000.
  - Haslegrave, John A.; and Sullivan, Daniel S., 4,515,708, Cl. 252-390.000.
  - Hicks, Alfonza; and Hankins, Jerry E., 4,521,303, Cl. 209-454.000.
  - Ho, Teh C.; and Pan, Wie-Hin, 4,514,517, Cl. 502-220.000.
  - Hochhauser, Albert M., 4,519,809, Cl. 44-53.000.
  - Hoffman, James E.; and Batzold, John S., 4,560,453, Cl. 204-106.000.
  - Howkins, Stuart D., 4,509,059, Cl. 346-1.100.
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Hughes, Vincent L.; and Benitez, Francisco M., 4,514,554, Cl. 526-339.000.
Humphries, Michael J.; Liu, Chih-an; and Krutenat, Richard C., 4,532,191, Cl. 428-678.000.
Idenden, John E., 4,545,861, Cl. 203-2.000.
Johnson, Jack W.; and Jacobson, Allan J., 4,518,534, Cl. 260-429.00R.
Johnston, John E.; Bloch, Ricardo; Ver Strate, Gary W.; and Song, W. R., 4,507,515, Cl. 585-12.000.
Kantner, Edward, 4,491,625, Cl. 429-50.000.
Kern, Kenneth C., 4,531,862, Cl. 406-155.000.
Kim, Chang J., 4,547,525, Cl. 518-713.000.
Kowalik, Ralph M.; Duvdevani, Ilan; Peiffer, Dennis G.; and Lundberg, Robert D., 4,508,128, Cl. 137-13.000.
Kowalski, Ronald C., 4,508,592, Cl. 159-2.100.
Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; and Erwin, Lewis, 4,513,116, Cl. 525-53.000.
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Kramer, George M.; Weissman, Walter; Brown, Herbert C.; and Pettit, Rowland, deceased, 4,518,798, Cl. 560-233.000.
Kramer, George M.; and Ernst, Edwin R., 4,560,825, Cl. 585-724.000.
Krutenat, Richard C., 4,500,364, Cl. 148-6.14R.
Lewis, Arthur M.; and Scudo, Aldo, 4,539,568, Cl. 346-1.100.
Liker, Stephen J., 4,523,201, Cl. 346-1.100.
Lin, An-Chung R., 4,531,976, Cl. 106-27.000.
Liu, Huei-Cheng; and Spohn, Ralph J., 4,499,317, Cl. 585-438.000.
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Long, Robert B.; and Caruso, Fred A., 4,493,765, Cl. 208-309.000.
Lundberg, Robert D.; Peiffer, Dennis G.; Duvdevani, Ilan; and Phillips, Robert R., 4,497,923, Cl. 524-107.000.
Lundberg, Robert D., 4,512,776, Cl. 44-62.000.
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Lundberg, Robert D.; and Weiss, Robert A., 4,526,951, Cl. 526-240.000.
Lundberg, Robert D.; Phillips, Robert R.; and McGrath, James E., 4,529,527, Cl. 252-33.000.
Lundberg, Robert D.; Lenz, Robert W.; and Oster, Bernd, 4,530,987, Cl. 526-240.000.
Lundberg, Robert D.; Peiffer, Dennis G.; and Duvdevani, Ilan, 4,536,539, Cl. 524-521.000.
Lundberg, Robert D.; and Phillips, Robert R., 4,536,547, Cl. 525-186.000.
Lundberg, Robert D.; and Thaler, Warren A., 4,547,542, Cl. 324-211.000.
Lundberg, Robert D.; Peiffer, Dennis G.; and Phillips, Robert R., 4,552,916, Cl. 524-399.000.
Malghan, Subhaschandra G., 4,545,896, Cl. 209-5.000.
Malpass, Dennis B., 4,500,648, Cl. 502-115.000.
Marin, Pierre D., 4,518,481, Cl. 208-19.000.
Marsh, John F.; Cleverley, John A.; and Simpkin, Dennis J., 4,557,872, Cl. 260-504.00A.
Matthias, Dan W.; and Thornton, Richard D., 4,507,000, Cl. 400-144.200.
Mauldin, Charles H., 4,513,161, Cl. 585-640.000.
Mauldin, Charles H.; and Payne, Virgil L., 4,556,752, Cl. 585-640.000.
McMath, Henry G.; and Stenerson, Gary K., 4,514,168, Cl. 432-14.000.
McVicker, Gary B., 4,510,096, Cl. 260-439.00R.
McVicker, Gary B.; Carter, James L.; Murrell, Lawrence L.; and Ziemiak, John J., 4,522,928, Cl. 502-26.000.
McVicker, Gary B., 4,532,325, Cl. 546-2.000.
Merchant, Philip; and Wunderlich, K. Roger, 4,539,099, Cl. 208-177.000.
Merchant, Philip; and Lacy, Sylvia M., 4,551,239, Cl. 208-188.000.
Michaelson, Robert C.; and Austin, Richard G., 4,533,772, Cl. 568-860.000.
Michaelson, Robert C.; and Austin, Richard G., 4,533,773, Cl. 568-860.000.
Michelson, Herbert D., 4,529,381, Cl. 432-194.000.
Miranda, Hector; and DeYoung, Thomas W., 4,517,577, Cl. 346-140.00R.
Mitchell, Howard L., III, 4,522,932, Cl. 502-153.000.
Mitchell, Howard L., III; and Sawyer, Willard H., 4,542,121, Cl. 502-220.000.
Moss, Gerald, 4,508,544, Cl. 48-197.00R.
Moss, Gerald, 4,517,162, Cl. 422-142.000.
Moustakas, Theodore D.; and Maruska, H. Paul, 4,508,609, Cl. 204-192.00S.
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Newman, Neil F.; and Kowalski, Ronald C., 4,501,859, Cl. 525-356.000.
Norton, James P.; and Golan, Lawrence P., 4,492,184, Cl. 122-4.00D.
Osman, Robert M.; and Shulik, Larry J., 4,518,574, Cl. 423-360.000.
Osman, Robert M., 4,545,976, Cl. 423-650.000.
Oswald, Alexis A.; Merola, Joseph S.; Reisch, John C.; and Kastrup, Rodney V., 4,528,404, Cl. 568-454.000.
Ott, Robert J., 4,523,199, Cl. 346-1.100.
Patterson, Ann D.; and Kachel, Wayne M., 4,552,649, Cl. 208-127.000.
Payne, Virgil L.; and Mauldin, Charles H., 4,542,122, Cl. 502-325.000.
Pecoraro, Theresa A.; and Chianelli, Russell R., 4,528,089, Cl. 208-216.00R.
Peiffer, Dennis G.; Lundberg, Robert D.; and Walker, Thad O., 4,510,998, Cl. 166-295.000.
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Peiffer, Dennis G.; Lundberg, Robert D.; Walker, Thad O.; and Turner, S. Richard, 4,540,496, Cl. 252-8.50A.
Peoples, Clarence, Jr.; Puydak, Robert C.; and Jansen, Deborah S., 4,508,771, Cl. 428-95.000.
Pieters, Wim J. M.; and Okumura, Yoshiharu, 4,554,260, Cl. 502-61.000.
Pine, Lloyd A.; and Cull, Neville L., 4,498,975, Cl. 208-114.000.
Pine, Lloyd A., 4,504,382, Cl. 208-114.000.
Pirkle, James C., Jr.; Montagna, Angelo A.; and Ruziska, Philip A., 4,536,380, Cl. 423-359.000.
Ratcliffe, Charles T.; and Tromp, Petrus J., 4,517,171, Cl. 423-648.00R.
Reid, Lloyd E.; Yao, Keith C.; and Ryan, Douglas G., 4,512,878, Cl. 208-179.000.
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Rey, S. Frank, 4,548,961, Cl. 523-220.000.
Rhodes, Richard P.; and Hershkowitz, Frank, 4,493,763, Cl. 208-11.00R.
Rice, Gary W., 4,548,798, Cl. 423-263.000.
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Robson, Robert, 4,502,971, Cl. 252-33.300.
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Rossi, Albert, 4,514,314, Cl. 252-56.00D.
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Rossi, Albert; Rehrer, David H.; Oswald, Alexis A.; Lewtas, Kenneth; and Tack, Robert D., 4,546,137, Cl. 524-217.000.
Ryer, Jack; Bloch, Ricardo; and Deen, Harold E., 4,532,062, Cl. 252-78.100.
Ryu, Ji-yong, 4,560,790, Cl. 560-210.000.
Sartori, Guido; and Thaler, Warren A., 4,525,294, Cl. 252-182.000.
Savage, David W.; and Sartori, Guido, 4,508,692, Cl. 423-228.000.
Sawyer, Willard H.; and Mitchell, Howard L., III, 4,540,481, Cl. 208-215.000.
Scheller, Andor, 4,499,706, Cl. 53-399.000.
Schetelich, Alan A.; Tunkel, Norman; and Brownawell, Darrell W., 4,502,970, Cl. 252-32.70E.
Schulz, Donald N.; Kitano, Kissho; Burkhardt, Terry J.; and Langer, Arthur W., 4,518,757, Cl. 526-329.000.
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Schulz, Donald N.; Peiffer, Dennis G.; Kowalik, Ralph M.; and Kaladas, Jeffrey J., 4,560,710, Cl. 523-175.000.
Seiver, Robert L.; and Chianelli, Russell R., 4,540,482, Cl. 208-215.000.
Seiver, Robert L., 4,541,920, Cl. 208-138.000.
Seiver, Robert L.; and Gernand, Martin O., 4,541,925, Cl. 208-216.00R.
Seiver, Robert L.; and Chianelli, Russell R., 4,544,481, Cl. 208-215.000.
Shaw, David H.; and Hall, Ralph R., 4,514,280, Cl. 208-33.000.
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Sheng, Ping; and Bloch, Aaron N., 4,536,608, Cl. 136-259.000.
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Shulman, Cindy B., 4,500,681, Cl. 525-222.000.
Siegell, Jeffrey H.; and Coulaloglou, Costas A., 4,543,733, Cl. 34-1.000.
Singhal, Gopal H.; Colle, Karla S.; Edelson, Edward H.; Wilson, Bobby L.; and Dao, Loan H., 4,561,964, Cl. 208-10.000.
Siskin, Michael; and Brons, Glen B., 4,491,513, Cl. 208-11.0LE.
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Small, Augustus B.; Hughes, Vincent L.; and Benitez, Francisco M., 4,562,233, Cl. 526-76.000.
Soled, Stuart L.; and Fiato, Rocco A., 4,518,707, Cl. 502-174.000.
Soled, Stuart L.; Wold, Aaron; and Kershaw, Robert, 4,525,206, Cl. 75-0.5BA.
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Stiefel, Edward I.; Pan, Wie-Hin; and Chianelli, Russell R., 4,510,260, Cl. 502-219.000.

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  - Stuntz, Gordon F.; and Schucker, Robert C., 4,504,379, Cl. 208-113.000.
  - Stuntz, Gordon F.; and Reid, Terry A., 4,504,380, Cl. 208-113.000.
  - Tancrede, Jean M.; and Berejka, Anthony J., 4,497,936, Cl. 525-222.000.
  - Tauster, Samuel J.; Vaughan, David E. W.; and Steger, John J., 4,552,856, Cl. 502-74.000.
  - Thaler, Warren A.; Turner, S. Richard; and Lundberg, Robert D., 4,552,939, Cl. 526-287.000.
  - Thompson, John A., 4,510,047, Cl. 208-321.000.
  - Tiedje, J. Thomas; Morel, Don L.; and Abeles, Benjamin, 4,546,009, Cl. 427-39.000.
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  - Traficante, Daniel, 4,544,390, Cl. 62-20.000.
  - Tsien, Hsue C., 4,521,359, Cl. 264-104.000.
  - Turner, S. Richard; Siano, Donald B.; and Bock, Jan, 4,520,182, Cl. 526-307.200.
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  - Turner, S. Richard; Siano, Donald B.; and Bock, Jan, 4,528,348, Cl. 526-225.000.
  - Turner, S. Richard, 4,540,762, Cl. 526-262.000.
  - Valint, Paul L., Jr.; and Bock, Jan, 4,492,785, Cl. 524-529.000.
  - Vanderspurt, Thomas H.; Richard, Michael A.; and Montagna, Angelo A., 4,499,204, Cl. 502-301.000.
  - Vaughan, David E., 4,552,731, Cl. 423-118.000.
  - Vaughan, David E., 4,554,146, Cl. 423-329.000.
  - Vaughan, David E. W., 4,534,947, Cl. 423-329.000.
  - Wachs, Israel; and Chersich, Claudio C., 4,544,649, Cl. 502-350.000.
  - Wachs, Israel E.; Fiato, Rocco A.; and Chersich, Claudio C., 4,559,365, Cl. 518-717.000.
  - Wagensommer, Joseph; Klein, Robert R.; and Lundberg, Robert D., 4,532,302, Cl. 525-343.000.
  - Wairegi, Tom; Boyle, Joseph P.; and Gilbert, John B., 4,514,284, Cl. 208-140.000.
  - Weber, P. Stan, 4,547,341, Cl. 422-147.000.
  - Weinberg, Harold N.; Rebick, Charles; and McElrath, Kenneth O., 4,497,705, Cl. 208-127.000.
  - Weinberg, Harold N.; Savage, David W.; and Weissman, Walter, 4,534,854, Cl. 208-131.000.
  - Weiss, Robert A.; Lundberg, Robert D.; and Werner, Allen C., 4,530,986, Cl. 526-240.000.
  - Wernick, David L., 4,541,972, Cl. 264-41.000.
  - West, Theodore H., 4,541,917, Cl. 208-31.000.
  - Wheelock, Kenneth S., 4,499,195, Cl. 502-63.000.
  - Wheelock, Kenneth S.; and Schucker, Robert C., 4,522,706, Cl. 208-121.000.
  - Wisotsky, Max J., 4,505,829, Cl. 252-32.70E.
  - Wisotsky, Max J., 4,557,846, Cl. 252-51.50A.
  - Worley, Arthur C., 4,516,606, Cl. 137-625.300.
  - Wortel, Theodorus M., 4,544,539, Cl. 423-328.000.
  - Wright, Franklin J.; Richard, Michael A.; and Pirkle, James C., 4,504,600, Cl. 518-717.000.
  - Wright, Franklin J.; Richard, Michael A.; and Pirkle, James C., 4,513,104, Cl. 518-714.000.
  - Wristers, Harry J., 4,543,400, Cl. 526-119.000.
  - Yablonovitch, Eli, 4,525,593, Cl. 136-255.000.
  - Yang, Tai-Cheng; Rao, Krishna K.; and Huang, I-Der, 4,497,958, Cl. 549-239.000.
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  - Yeh, Chuen Y.; and Savini, Charles, 4,528,401, Cl. 568-408.000.
  - Yeh, Chuen Y.; and Savini, Charles, 4,560,803, Cl. 568-401.000.
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  - Yung, Kenneth K.; Barlow, Craig B.; and Glass, Joe R., 4,560,538, Cl. 423-3.000.
- Eydelman, Grigory. Adaptive control system. 4,525,775, 6-25-85, Cl. 364-148.000.
- Eyelet Specialty Co., Inc.: *See—*
  - Ackerman, Walter T.; and Klimeck, Edward F., 4,514,102, Cl. 401-78.000.
- Eyer, Jean, to Hotchkiss-Brandt Sogeme H.B.S. Device for guiding and receiving letters at the exit of a mail-sorting machine and a machine equipped with said device. 4,493,484, 1-15-85, Cl. 271-220.000.
- Eyerly, Joyce K.: *See—*
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- Eyler, Francis R., to Harsco Corporation. Starter thermal overload protection system. 4,494,162, 1-15-85, Cl. 361-29.000.
- Eyler, Roger C. Method and means for the detection of chemical agent droplets. 4,542,641, 9-24-85, Cl. 73-26.000.
- Eyler, Stanley; and Hume, Timothy, to Head Computer Products, Inc. Dual purpose head cleaner. 4,503,473, 3-5-85, Cl. 360-128.000.
- Eylon, Daniel; and Froes, Francis H., to United States of America, Air Force. Method for refining microstructures of prealloyed powder metallurgy titanium articles. 4,534,808, 8-13-85, Cl. 148-133.000.
- Eylon, Daniel; and Froes, Francis H., to United States of America, Air Force. Method for refining microstructures of blended elemental powder metallurgy titanium articles. 4,536,234, 8-20-85, Cl. 148-133.000.
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- Eyman, Ralph A., to United States of America, Army. Quick access splice for missile sections. 4,516,499, 5-14-85, Cl. 102-293.000.
- Eynon, David L.; Kingsnorth, Stanley W.; and Varma, Mani K., to Internationale Octrooi Maatschappij "Octropa" B.V. Flow box with two deflectors. 4,522,687, 6-11-85, Cl. 162-336.000.
- Eyquem: *See—*
  - Matesco, Michel G. P., 4,540,912, Cl. 313-142.000.
- Eyre, Steven C. Safety ski binding. 4,512,594, 4-23-85, Cl. 280-614.000.
- Eystratov, Vitaly A.; Elkin, Mikhail Y.; Danilenko, Viktor Y.; Stepunin, Ivan M.; Tsenta, Nikolai E.; Rud, Sergei A.; and Belferman, Leonid M., to Vsesojuzny Nauchno-Issledovatelsky I Proektno-Konstruktorsky Institut Promyshelennykh Gidroprivodov I Girodoavtomatiki. Composite piston of positive displacement hydraulic machine and method for manufacturing same. 4,494,448, 1-22-85, Cl. 92-172.000.
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  - Takano, Motoharu; Sugimura, Masaru; Kushima, Keiichi; and Ezaki, Atae, 4,547,343, Cl. 422-304.000.
- Ezaki, Joichiro; Kanai, Hiroshi; and Kitahara, Yoshimi, to TDK Corporation. Optical reproducing system. 4,562,502, 12-31-85, Cl. 360-114.000.
- Ezaki, Norio: *See—*
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- Ezaki, Sazo: *See—*
  - Sakai, Hiromu; Ezaki, Sazo; and Kikuchi, Atsuo, 4,523,448, Cl. 72-185.000.
- Ezawa, Sadaaki, to Kabushiki Kaisha Kawai Gakki Seisakusho. Electronic musical instrument. 4,498,364, 2-12-85, Cl. 84-1.170.
- Ezawa, Sadaaki; and Kitagawa, Hiroshi, to Kawai Musical Instrument Mfg. Co., Ltd. Electronic musical instrument. 4,512,230, 4-23-85, Cl. 84-1.240.
- Ezawa, Sadaaki; and Kitagawa, Hiroshi, to Kabushiki Kaisha Kawai Gakki Seisakusho. Card operation indicator for magnetic card drive devices. 4,524,269, 6-18-85, Cl. 235-449.000.
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- Ezekiel, Frederick D. Magnetic disc liquid supporting. 4,526,381, 7-2-85, Cl. 277-80.000.
- Ezell, James J.; and Garin, Paul V., III, to A G Motor Corp. Floating cab. 4,496,188, 1-29-85, Cl. 296-190.000.
- Ezer, Elemer: *See—*
  - Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Zajer nee Balazs, Maria; Kiss, Bela; Ezer, Elemer; Karpati, Egon; and Szporny, Laszlo, 4,549,020, Cl. 546-51.000.
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- Ezis, Andre; Beckwith, Elaine C.; and Blair, Howard D., to Ford Motor Company. Method of making a densified silicon nitride/oxynitride composite. 4,496,503, 1-29-85, Cl. 264-56.000.
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- Ezra C. Lundahl, Inc.: *See—*
  - Lundahl, E. Cordell; Wiser, James G.; Thornley, W. Ray; and Jensen, Laurel H., 4,550,554, Cl. 56-294.000.
  - Thornley, W. Ray; Wiser, James G.; and Lundahl, E. Cordell, 4,507,910, Cl. 56-10.200.
- Ezure, Tadayoshi, to Hosiden Electronics Co., Ltd. Connector with lock mechanism. 4,548,455, 10-22-85, Cl. 339-45.00M.
- Ezure, Yoji: *See—*
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- F.A.I.P. S.p.A.: *See—*
  - Franco, Boccaletti, 4,538,660, Cl. 157-20.000.
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- F. F. Seeley Nominees Pty. Ltd.: *See—*
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  - Colliver, Anthony D., 4,562,016, Cl. 261-106.000.
  - Mortimer, John K., 4,524,902, Cl. 229-52.00A.
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- F & H Holdings, Inc.: *See—*
  - Holcomb, David A., 4,537,123, Cl. 100-125.000.
- F. H. Maloney Company: *See—*
  - Stringer, Jackie D.; and Dobesh, Eugene L., 4,491,018, Cl. 73-432.00R.
- F. H. Schule GmbH: *See—*
  - Vick, Walter; and Suhrbier, Rolf, 4,528,901, Cl. 99-488.000.
  - Vick, Walter; and Suhrbier, Rolf, 4,539,904, Cl. 99-618.000.
- F. Happel Tief-und Strassenbau GmbH: *See—*
  - Happel, Friedrich; and Heller, Gunter, 4,540,327, Cl. 414-352.000.
- F.I.N.D. Research Corporation: *See—*
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  - Tort O., Alejandro, 4,531,710, Cl. 251-167.000.
- F. J. Burrus & Cie.: *See—*
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- F. J. Littell Machine Co.: *See—*
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  - Wiig, Chester M., 4,561,582, Cl. 226-142.000.
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  - Folsberg, Jan, 4,511,462, Cl. 209-140.000.
  - Henriksen, Henrik; Nielsen, Torben G.; and Taarning, Claus E., 4,503,477, Cl. 361-2.000.
  - Larsen, Erik R., 4,540,085, Cl. 198-519.000.
  - Raahauge, Benny E., 4,529,579, Cl. 423-625.000.
- F. L. Smidth & Co. A/S: *See—*
  - Bhatia, Vinay K., 4,555,390, Cl. 423-242.000.
  - Bhatia, Vinay K., 4,562,054, Cl. 423-244.000.
  - Hundebol, Soren, 4,555,388, Cl. 423-167.000.
  - Jensen, Torkil D., 4,512,458, Cl. 198-507.000.
  - Nielsen, Peter B., 4,557,688, Cl. 432-14.000.
  - Nielsen, Peter B., 4,561,842, Cl. 432-106.000.
- F. LLI Marzoli & C. S.p.A.: *See—*
  - Dragagna, Claudio; and Locatelli, Claudio, 4,493,132, Cl. 19-106.00R.
  - Locatelli, Claudio; and Dragagna, Claudio, 4,510,646, Cl. 19-80.00R.
- F. M. Brick Industries, Inc.: *See—*
  - Brick, Francis M., 4,531,289, Cl. 30-134.000.
- F & M Trading Company: *See—*
  - Griffin, Michael E., 4,537,315, Cl. 211-70.600.
- F. N. Burt Company, Inc.: *See—*
  - Rosenburg, Charles W., 4,549,690, Cl. 229-41.00C.
- F. Oberdorfer: *See—*
  - Krenkel, Bernhard; and Joos, Heinz, 4,554,954, Cl. 139-439.000.
- F. S. Carbon Company: *See—*
  - Carbon, Fred S., 4,531,048, Cl. 219-525.000.
- F. William Carr: *See—*
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- FA. Elga Elektro- und Apparatebau GmbH: *See—*
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  - Helms, Dirk, 4,499,790, Cl. 74-665.00C.
- Fa. Oskar Schleicher: *See—*
  - Schleicher, Oskar H., 4,530,382, Cl. 139-455.000.
  - Seiler, Wolfgang, 4,530,380, Cl. 139-59.000.
- Faasse, Adrian L., Jr. Pharmaceutical packaging method. 4,556,441, 12-3-85, Cl. 156-247.000.
- Fab-Form Products, Inc.: *See—*
  - Rutter, Thomas M., 4,558,848, Cl. 254-100.000.
- Faba, Eusebio M.: *See—*
  - Caldero Ges, Jose M.; and Faba, Eusebio M., 4,515,806, Cl. 514-471.000.
- Fabbri, Bruno; and Fausone, Alfredo, to SIP - Societa Italiana per l'Esercizio Telefonico p.A. Electronic instrument for measuring the overall phase and amplitude distortion of a transmission channel. 4,533,868, 8-6-85, Cl. 324-83.00R.
- Fabbri, Vittorio E.; and Bell, Jackie D. Apparatus for treating hair. 4,552,159, 11-12-85, Cl. 132-9.000.
- Fabbri, Vittorio E.; and Bell, Jackie D. Color coordinator device. 4,561,850, 12-31-85, Cl. 434-98.000.
- Fabbrini, Charles J.; Fitzer, Robert C.; and Deyak, Frank L., to Minnesota Mining and Manufacturing Company. Thermally transferable ink compositions. 4,513,107, 4-23-85, Cl. 524-56.000.
- Fabbrini, Charles J.: *See—*
  - Fitzer, Robert C.; Deyak, Frank L.; and Fabbrini, Charles J., 4,542,078, Cl. 428-914.000.
- Fabel, David A.; Hoagland, John C.; and Woodworth, Chester L., to Monsanto Company. Hot melt adhesive delivery system. 4,545,504, 10-8-85, Cl. 222-55.000.
- Fabel, David A.: *See—*
  - Donermeyer, Donald D.; Martins, Joseph G.; and Fabel, David A., 4,542,047, Cl. 427-374.400.
- Fabel, Ludwig: *See—*
  - Bachmann, Erich; Fabel, Ludwig; Fischer, Roland; Peter, Werner; Scheiter, Bernd; and Wenzel, Werner, 4,508,494, Cl. 418-13.000.
- Faber, Johannes W.; and deVos, Jacobus A., to U.S. Philips Corporation. Modular data storage system. 4,504,936, 3-12-85, Cl. 369-34.000.
- Faber, Norman, Jr.: *See—*
  - Miller, William J.; and Faber, Norman, Jr., 4,555,238, Cl. 464-52.000.
- Faber, Ulbe; Davis, Robert L.; Fisher, David A.; and McGonagle, Joseph D., to Burroughs Corporation. Polymorphic programmable units employing plural levels of sub-instruction sets. 4,558,411, 12-10-85, Cl. 364-200.000.
- Faber, William M., Sr.: *See—*
  - Holmes, Curtis L.; Faber, William M., Sr.; Francis, Gaylord L.; and Boykin, Otis F., 4,561,996, Cl. 252-514.000.
- Faber, Wolfgang: *See—*
  - Gillhaus, Horst; Hegewaldt, Fritz; Faber, Wolfgang; Baer, Jurgen; and Toplak, Ernst, 4,518,352, Cl. 432-199.000.
- Fabian, George J.: *See—*
  - Dugan, Elmo A.; Kish, Louis G.; Miller, Edwin J.; and Fabian, George J., 4,496,159, Cl. 273-341.000.
- Fabian, Gordon R.; and McElreath, Kenneth W., to Rockwell International Corporation. Combined series and parallel servo control for aircraft. 4,492,907, 1-8-85, Cl. 318-586.000.
- Fabian, Gordon R.: *See—*
  - McElreath, Kenneth W.; and Fabian, Gordon R., 4,527,242, Cl. 364-434.000.
- Fabian, James L.: *See—*
  - Zucker, Jerry; Singletary, Michael P.; and Fabian, James L., 4,504,528, Cl. 427-389.800.
- Fabian, Klaus: *See—*
  - Hermann, Hans D.; Fabian, Klaus; and Ebigt, Joachim, 4,533,601, Cl. 428-437.000.
  - Hermann, Hans D.; and Fabian, Klaus, 4,537,830, Cl. 428-437.000.
- Fabian, Walter; and Spooner, Frank H., to Sperry Corporation. Deep mesa process for fabricating monolithic integrated Schottky barrier diode for millimeter wave mixers. 4,499,656, 2-19-85, Cl. 29-576.00E.
- Fabian, Walter, to Raytheon Company. Forming sub-micron electrodes by oblique deposition. 4,525,919, 7-2-85, Cl. 29-571.000.
- Fabian, Wolfgang: *See—*
  - Laemmermann, Fritz; Rindfleisch, Werner; Fabian, Wolfgang; and Polster, Rudolf, 4,497,120, Cl. 34-15.000.
- Fabienne, Jacquet: *See—*
  - Fleche, Guy; Gaset, Antoine; and Fabienne, Jacquet, 4,543,168, Cl. 204-78.000.
- Fabinski, Walter; and Deptolla, Udo, to Hartmann & Braun AG. Nondispersive infrared gas analyzer. 4,496,840, 1-29-85, Cl. 250-343.000.
- Fabiny, William J.: *See—*
  - Mosser, Mark F.; and Fabiny, William J., 4,532,289, Cl. 524-406.000.
  - Mosser, Mark F.; and Fabiny, William J., 4,548,646, Cl. 106-14.120.
- Fabisiak, Walter: *See—*
  - Eickman, Nancy C.; Fabisiak, Walter; and Dix, Robert, 4,524,101, Cl. 428-294.000.
- Fabisiewicz, Gene: *See—*
  - Bohman, Paul; Hart, John; and Fabisiewicz, Gene, 4,507,114, Cl. 604-111.000.
- Fabralloy, Inc.: *See—*
  - Wilt, Henry E.; and Murray, Larry N., 4,511,088, Cl. 239-455.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, to Rhone-Poulenc Sante. 1H,3H-pyrrolo[1,2-c]thiazole derivatives having anti-allergic and anti-inflammatory activity. 4,529,728, 7-16-85, Cl. 514-227.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, to Rhone-Poulenc Sante. Pyridin-3-yl substituted ortho-fused pyrrole derivatives. 4,539,400, 9-3-85, Cl. 544-47.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, to Rhone-Poulenc Sante. Pyrrolo[1,2-c]thiazoles useful as antithrombotic agents. 4,546,100, 10-8-85, Cl. 514-231.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, to Rhone-Poulenc Sante. Substituted phenyl piperazinyl pyrrolidin-2-ones and related compounds useful as anti-depressants and their use. 4,547,504, 10-15-85, Cl. 514-255.000.
- Fabre, Jean M.: *See—*
  - Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.
- Fabregue, Jean-Pierre, to Electricite de France (Service National). Apparatus for detection of losses in a vapor generator. 4,515,748, 5-7-85, Cl. 376-250.000.
- Fabricant, Barbara L.: *See—*
  - Aubourg, Patrick F.; and Fabricant, Barbara L., 4,521,523, Cl. 501-30.000.
- Fabricated Metals, Inc.: *See—*
  - Coleman, Clarence B., 4,491,253, Cl. 222-559.000.
  - Coleman, Clarence B., 4,532,800, Cl. 73-308.000.
  - Coleman, Clarence B., 4,552,090, Cl. 116-204.000.
- Fabrication Center, Inc.: *See—*
  - Kile, H. Buford, 4,549,496, Cl. 112-79.500.
- Fabrication De Maquinas, S.A.: *See—*
  - Arona Delonghi, Adriano G., 4,497,415, Cl. 215-21.000.
- Fabrications Automatiques Gerbelot: *See—*
  - Gerbellot-Barrillon, Pierre, 4,509,919, Cl. 433-57.000.
- Fabricius, Hans-Ake; and Stahn, Roland, to Hooper Trading Co. N.V. High yield process for in vitro production of serum-free and mitogen-free interleukin-2 using a roller bottle culture system. 4,517,293, 5-14-85, Cl. 435-68.000.
- Fabricius-Hansen, Rolf: *See—*
  - Karlstrom, Krister; and Fabricius-Hansen, Rolf, 4,529,982, Cl. 340-991.000.
- Fabricius, Karen A.; and Kemlage, Bernard M., to International Business Machines Corporation. Method of manufacturing a minimum bird's beak recessed oxide isolation structure. 4,508,757, 4-2-85, Cl. 427-93.000.

Fabridyne, Inc.: *See—*

Marquardt, Richard H., 4,559,720, Cl. 34-137.000.

Fabrig, Paul, to Womako Maschinenkonstruktionen GmbH. Method and apparatus for assembling pronged binding strips with stacks of paper sheets or the like. 4,558,981, 12-17-85, Cl. 412-7.000.

Fabrique de Produits Chimiques, d'Entretien et de Degraissage Ravicolor, S.A.: *See—*

Hueber, Francois, 4,520,961, Cl. 239-284.00R.

Fabrique Nationale Herstal: *See—*

Dheur, Raymond J., 4,512,100, Cl. 42-70.00A.

Dumortier, Thierry M., 4,546,720, Cl. 114-98.000.

Kaiser, Georges J. L., 4,498,369, Cl. 89-198.000.

Vanhoutte, Jan E., 4,505,480, Cl. 273-73.00C.

Fabriques de Tabac Reunies S.A.: *See—*

Frattolillo, Antonio P. A., 4,498,487, Cl. 131-336.000.

Gaisch, Helmut; and Schulthess, Dieter, 4,524,786, Cl. 131-308.000.

Gaisch, Helmut; Ghiste, Patrick D. L.; and Schulthess, Dieter, 4,537,204, Cl. 131-274.000.

Fabriques d'horlogerie de Fontainemelon S.A.: *See—*

Klein, Eric, 4,550,279, Cl. 318-696.000.

Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., to Satellite Business Systems. Teleconferencing method and system. 4,516,156, 5-7-85, Cl. 358-85.000.

Fabris, Hubert J.: *See—*

Bingham, Robert E.; Durst, Richard R.; Fabris, Hubert J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,503,204, Cl. 526-187.000.

Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,511,699, Cl. 525-205.000.

Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,511,700, Cl. 525-283.000.

Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,547,550, Cl. 525-205.000.

Fabrizio, Louis F.; Lin, Samuel O. S.; and Jacobine, Anthony F., to Loctite Corporation. Siloxane polyphotoinitiators of the substituted acetophenone type. 4,536,265, 8-20-85, Cl. 204-159.130.

Fabrizio, Raymond. Vent key modification for flute. 4,534,261, 8-13-85, Cl. 84-384.000.

Facchini, Libero, to Farmatic S.r.l. Apparatus for selecting and supplying capsules or like round articles of deformable material to the feed hopper of machines for handling these articles. 4,537,300, 8-27-85, Cl. 198-453.000.

Facet Enterprises, Inc.: *See—*

Digby, James J., 4,524,629, Cl. 74-7.00R.

Miller, Donald L., 4,524,854, Cl. 192-84.00C.

Packard, Gary R.; and Mower, Michael L., 4,508,203, Cl. 192-84.00C.

Wiernicki, Michael V., 4,526,518, Cl. 417-420.000.

Facey, Roy B., to CRC Chemicals Inc. Aerosol cap. 4,520,951, 6-4-85, Cl. 222-182.000.

Fachini, Robert M.; Orsborn, Jesse H.; and Barrett, Monroe C., to J. I. Case Company. Telescoping basket cover. 4,519,189, 5-28-85, Cl. 56-16.600.

Fachini, Robert M.; Barrett, Monroe C.; and McClure, Maxwell D., III, to J. I. Case Company. Cotton harvester. 4,520,617, 6-4-85, Cl. 56-16.600.

Fachini, Robert M., to J. I. Case Company. Narrow row cotton harvester and picker unit. 4,538,403, 9-3-85, Cl. 56-44.000.

Fachini, Robert M.; and Orsborn, Jesse H., to J. I. Case Company. On board cotton module system for cotton harvesting machines. 4,553,378, 11-19-85, Cl. 56-16.600.

Fachini, Robert M.: *See—*

Thedford, Guy N.; Fachini, Robert M.; and Sullivan, Dennis K., 4,501,112, Cl. 56-13.300.

Facit Aktiebolag: *See—*

Andersson, Leif H., 4,501,510, Cl. 400-616.300.

Andersson, Leif H., 4,543,003, Cl. 400-632.000.

Johansson, Hans L., 4,512,676, Cl. 400-144.200.

Mattsson, Sten I., 4,529,326, Cl. 400-157.200.

Mattsson, Sten I., 4,557,193, Cl. 101-93.480.

Rozsa, Kalman, 4,507,595, Cl. 318-630.000.

Rozsa, Kalman, 4,559,448, Cl. 250-231.0SE.

Fackelstein, Michel: *See—*

Graas, Rene; and Fackelstein, Michel, 4,492,022, Cl. 29-787.000.

Facoetti, Hugues: *See—*

Broussoux, Dominique; Facoetti, Hugues; Ravinet, Pierre; Bernard, Daniel; and Micheron, Francois, 4,500,377, Cl. 156-164.000.

Broussoux, Dominique; Facoetti, Hugues; and Micheron, Francois, 4,508,668, Cl. 264-22.000.

Broussoux, Dominique; Facoetti, Hugues; Micheron, Francois; and Monnerie, Lucien, 4,521,322, Cl. 252-62.900.

Facto, Archibald R. Coin operated mechanism for opening the door of a cabinet. 4,515,263, 5-7-85, Cl. 194-1.00D.

Factor, Arnold: *See—*

Irving, William H.; and Factor, Arnold, 4,529,809, Cl. 560-075.000.

Facuseh, Elias. Cleaning device. 4,534,670, 8-13-85, Cl. 401-270.000.

Faddis, Chris G.: *See—*

Usry, Joe D.; Bunnell, James B.; and Faddis, Chris G., 4,538,604, Cl. 128-204.230.

Fade-In Products Limited: *See—*

Cliffe, Nicholas R., 4,528,232, Cl. 428-195.000.

Fadis S.p.A.: *See—*

Orosei, Mario, 4,516,703, Cl. 223-39.000.

Fadler, Kurt; and Kittel, Friedrich, to Fichtel & Sachs AG. Clutch disc assembly with torsional oscillation dampers. 4,537,295, 8-27-85, Cl. 192-106.200.

Fadner, Thomas A.; and Hycner, Stanley H., to Rockwell International Corporation. Black oxide lithographic ink metering roller. 4,537,127, 8-27-85, Cl. 101-141.000.

Fadner, Thomas A.: *See—*

Goldberg, Ira B.; Chung, Kwang E.; and Fadner, Thomas A., 4,559,493, Cl. 324-61.00R.

Faehndrich, Knud: *See—*

Zeitler, Gerhard; Bittner, Gerhard; Faehndrich, Knud; and Rombrecht, Hans M., 4,526,952, Cl. 524-496.000.

Faehnle, Erich, to PKA Pyrolyse Kraftanlagen GmbH. Gas converter. 4,538,528, 9-3-85, Cl. 110-229.000.

Faehnle, Erich, to PKA Pyrolyse Kraftanlagen GmbH. Process and apparatus for treating waste materials. 4,557,204, 12-10-85, Cl. 110-346.000.

Faeser, Ulrich; and Mahn, Dieter, to Fresenius AG. Medical peristaltic pump. 4,544,336, 10-1-85, Cl. 417-412.000.

Faessel, Andre; Mennel, Gabriel B.; and Michaux, Jacques M., to Sacilor. Shaped blanks, methods for their production and improvements to the universal rolling of rails. 4,518,660, 5-21-85, Cl. 428-577.000.

Faessle, Fritz; and Stadler, Siegmund, to Giulini Chemie GmbH. Process for the production of precision castings by the gypsum-mold process. 4,541,471, 9-17-85, Cl. 164-6.000.

Faessler, Rene , to Societe Alsacienne de Construction de Materiel Textile. Freed-fiber spinning devices. 4,499,719, 2-19-85, Cl. 57-417.000.

Fafard, Jean-Claude, to Centre de Recherche Industrielle du Quebec. Toggle fastener. 4,502,826, 3-5-85, Cl. 411-340.000.

Faflak, Daniel P.: *See—*

Dahl, Richard E.; Faflak, Daniel P.; and Sendelbach, Lee A., 4,555,701, Cl. 340-736.000.

Faflek, Jeno: *See—*

Cronenberg, Dieter-Julius; and Faflek, Jeno, 4,519,165, Cl. 49-307.000.

Fag Italiana S.p.A.: *See—*

Ravinale, Stefano; and Vernocchi, Vittorio, 4,548,518, Cl. 384-490.000.

FAG Kugelfischer Georg Schafer & Co.: *See—*

Dirauf, Otmar; and Spielmann, Norbert, 4,491,204, Cl. 188-73.380.

Dittner, Adam; Schurr, Heinrich; and Von Wallenberg, Ducius, 4,511,971, Cl. 364-426.000.

Hofmann, Heinrich; and Treutlein, Dieter, 4,508,397, Cl. 384-510.000.

Neese, Gerhard, 4,522,516, Cl. 384-572.000.

Schmitt, Gunther, 4,522,021, Cl. 57-88.000.

FAG Kugelfischer Georg Schafer (KAaA): *See—*

Dittner, Adam; and Hartmann, Georg, 4,543,505, Cl. 310-102.00R.

Knappe, Bernhard, 4,557,614, Cl. 384-573.000.

Spielmann, Norbert; and Bauer, Hermann, 4,531,452, Cl. 92-168.000.

FAG Kugelfischer Georg Schafer (KGaA): *See—*

Neugebauer, Steffen; and Scharting, Gunter, 4,553,858, Cl. 384-473.000.

Patel, Kirit, 4,551,970, Cl. 57-339.000.

Fagan, Joseph H.; and Pristo, Paul J. Graded actuation of hydraulically actuated pool cleaning heads. 4,535,937, 8-20-85, Cl. 239-206.000.

Fage, Bonnard. Theatrical light box. 4,511,953, 4-16-85, Cl. 362-230.000.

Fagel, Roger. Self-propelled armored vehicle. 4,534,267, 8-13-85, Cl. 89-40.030.

Fagen, Ben W., Jr.; and Cappon, Douglas W., to Magnetic Technologies Corp. Method and apparatus for controlling the thickness of developer on an applicator, such as a magnetic brush, in electrostatic reproduction. 4,524,088, 6-18-85, Cl. 427-10.000.

Fagerburg, David R.; and McFarlane, Finley E., to Eastman Kodak Company. Process for the preparation of sulfo-modified polyesters. 4,499,262, 2-12-85, Cl. 528-279.000.

Fagerburg, David R., to Eastman Kodak Company. Higher molecular weight polyesters from diacid anhydrides and cyclic alkylene carbonates. 4,501,877, 2-26-85, Cl. 528-271.000.

Fagerburg, David R.; and Jackson, Winston J., Jr., to Eastman Kodak Company. Hydroxyl-terminated polyether-esters. 4,503,216, 3-5-85, Cl. 528-355.000.

Fagerburg, David R.: *See—*

Thomsen, Joelle R.; and Fagerburg, David R., 4,521,585, Cl. 528-271.000.

Fagerstedt, Mikael: *See—*

Tervamaki, Jukka; Fagerstedt, Mikael; Kukka, Aarre; and Kaski, Erkki, 4,554,134, Cl. 422-100.000.

Fagerstedt, Nils U. H.: *See—*

Roos, Sture G.; Fagerstedt, Nils U. H.; and Pehrson, Jens E., 4,559,624, Cl. 370-56.000.

Fages, Bernard: *See—*

Goulard, Claude; Accettella, Serge; Cathaly-Pretou, Gerard; Fages, Bernard; Jeannin, Daniel; Laloux, Philippe; and Le Fur, Jean, 4,501,489, Cl. 355-54.000.

Fages, Jean: *See—*

de Villepoix, Raymond; Fages, Jean; Forges, Robert; Abbes, Claude; and Rouaud, Christian, 4,561,662, Cl. 277-229.000.

Faggin, Federico; Klein, Jerry A.; Yazolino, Lauren F.; Korody, Robert G.; Ha, Eric P. L.; and Kerman, Stephen, to Cygnet Technologies, Inc. Digital and voice telecommunication apparatus. 4,524,244, 6-18-85, Cl. 179-2.0DP.

- Fagnani, Matthew V., Jr.; and Martenas, Wayne B., to Sperry Corporation. Baffle means for forage harvesters. 4,506,840, 3-26-85, Cl. 241-101.700.
- Fagnoni, Giovanna Maria. Transportable pre-fabricated building structure. 4,534,141, 8-13-85, Cl. 52-68.000.
- Fah, Ah N. Automatic watering and feeding system for plants. 4,557,071, 12-10-85, Cl. 47-81.000.
- Fahey, Dennis M., to Tar Heel Technologies, Inc. Method for reinforcing pavement. 4,556,338, 12-3-85, Cl. 404-28.000.
- Fahlen, Theodore S.; and Mass, Barton, to Standard Oil Company (Indiana). Electrical excitation circuit for gas lasers. 4,549,091, 10-22-85, Cl. 307-106.000.
- Fahmy, Mohamed A. H., to FMC Corporation. O-halophenyl O-alkyl S-tert-butyl phosphorothioates as pesticides. 4,496,552, 1-29-85, Cl. 514-147.000.
- Fahmy, Mohamed A. H., to FMC Corporation. O-ethyl S-propyl S-s-butyl phosphorodithioate. 4,532,235, 7-30-85, Cl. 514-144.000.
- Fahmy, Mohamed A. H., to FMC Corporation. O-ethyl S,S-dialkyl phosphorodithioates for use as pesticides. 4,535,077, 8-13-85, Cl. 514-143.000.
- Fahrenschon, Kurt: *See—*
  - Brendle, Konrad; Schiffer, Harald; and Fahrenschon, Kurt, 4,548,475, Cl. 350-334.000.
- Fahrmbacher-Lutz, Ludwig; and Seidler, Klaus, to Ludwig Fahrmbacher-Lutz. Method for chemical removal of oxide layers from objects of metal. 4,525,250, 6-25-85, Cl. 204-58.500.
- Fahy, Gregory M., to American National Red Cross. Cryopreservation of biological materials in a non-frozen or vitreous state. 4,559,298, 12-17-85, Cl. 435-1.000.
- Faigl, Ferenc: *See—*
  - Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.
- Failla, William G. High and low pressure, quick-disconnect coupling. 4,509,554, 4-9-85, Cl. 137-614.050.
- Failli, Amedeo; and Borella, Luis, to American Home Products Corporation. Thiadiazolediamine derivative with histamine H-2 receptor inhibiting properties. 4,529,731, 7-16-85, Cl. 514-326.000.
- Fain, Gilbert: *See—*
  - Moura, Michael; Gonsalves, Lenine; and Fain, Gilbert, 4,549,169, Cl. 340-539.000.
- Fainzilberg, Zeilik: *See—*
  - Peters, Albin; and Fainzilberg, Zeilik, 4,508,343, Cl. 273-119.00A.
- Fair, David L.; Justice, David D.; and Kelly, Pilar P., to Olin Corporation. Method of stabilizing metal-silica complexes in alkali metal halide brines. 4,515,665, 5-7-85, Cl. 204-98.000.
- Fair, David L.; Justice, David D.; and Woodard, Kenneth E., Jr., to Olin Corporation. Membrane electrolytic cell for minimizing hypochlorite and chlorate formation. 4,528,077, 7-9-85, Cl. 204-95.000.
- Fair, Delbert W.; and Buller, Paul L., to Conoco Inc. Mobile high frequency vibrator system. 4,492,285, 1-8-85, Cl. 181-114.000.
- Fair, Delbert W. High frequency reaction mass and hydraulic cylinder assembly. 4,506,758, 3-26-85, Cl. 181-119.000.
- Fair, John C.; and Ferguson, Kenneth R., to Gulf Oil Corporation. System for automatically controlling intermittent pumping of a well. 4,507,055, 3-26-85, Cl. 417-12.000.
- Fair, Marjorie A. Loose-fitting ostomy garment. 4,533,355, 8-6-85, Cl. 604-345.000.
- Fair, Raymond G.: *See—*
  - Cothrell, LeRoy E.; and Fair, Raymond G., 4,525,955, Cl. 51-135.00R.
- Fairall, Richard K.: *See—*
  - Gaston, John C.; and Fairall, Richard K., 4,557,030, Cl. 29-402.060.
- Fairand, Barry P.: *See—*
  - Junod, John E.; and Fairand, Barry P., 4,540,392, Cl. 493-303.000.
- Fairbairn, Leroy W.; and Waldron, Clifford R., to Allied Corporation. Apparatus for making an electrical contact. 4,507,858, 4-2-85, Cl. 29-747.000.
- Fairbanks, David W., to RCA Corporation. Pickup cartridge having stylus holder. 4,513,410, 4-23-85, Cl. 369-126.000.
- Fairbanks, David W., to RCA Corporation. Alignment and insertion apparatus for an information-containing disc stylus. 4,557,040, 12-10-85, Cl. 29-720.000.
- Fairbanks, David W.: *See—*
  - Southgate, Peter D.; Fairbanks, David W.; Davis, Richard B.; and Beltz, John P., 4,498,779, Cl. 356-384.000.
- Fairchild Camera & Instrument Corporation: *See—*
  - Anand, Kranti; and Strain, Robert J., 4,559,696, Cl. 29-576.00B.
  - Arguello, Leonard E.; Blaser, Lawrence M.; and Wilson, Verne H., 4,538,585, Cl. 123-609.000.
  - Bley, David W., 4,534,602, Cl. 339-14.00R.
  - Burton, Greg, 4,539,744, Cl. 29-580.000.
  - Chan, Kai Y., 4,527,907, Cl. 368-118.000.
  - Chen, Peter C.; and Au, Alex, 4,554,644, Cl. 365-154.000.
  - Delfino, Michelangelo, 4,542,037, Cl. 427-53.100.
  - Delfino, Michelangelo, 4,549,064, Cl. 219-121.0LM.
  - Dvorak, Robert V., 4,523,143, Cl. 324-133.000.
  - Garcia, R. F.; and Hickling, Robert L., 4,502,127, Cl. 364-900.000.
  - Howell, Paul J.; and Currier, Gregory B., 4,498,227, Cl. 29-576.00B.
  - Hughes, John H., Jr., 4,493,045, Cl. 364-580.000.
  - Hughes, John H., Jr., 4,493,079, Cl. 371-27.000.
  - Khan, Aurangzeb K., 4,561,095, Cl. 371-38.000.
  - Khan, Mahboob; and Trieu, Tom, 4,517,731, Cl. 29-571.000.
  - Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., 4,498,638, Cl. 242-45.000.
  - Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., 4,555,052, Cl. 228-104.000.
  - Lyon, Richard F., 4,536,844, Cl. 364-487.000.
  - Nagy, Alex; and Herlein, Dick, 4,511,846, Cl. 328-164.000.
  - Phy, William S., 4,515,662, Cl. 204-15.000.
  - Seto, John Y. W.; and Su, Ken K. Y., 4,502,894, Cl. 148-1.500.
  - Smith, Donald L.; and Jones, David B., 4,495,382, Cl. 179-81.00R.
  - Smith, Peter R., 4,507,848, Cl. 29-576.00B.
  - Suto, Anthony J., 4,517,511, Cl. 324-52.000.
  - Varshney, Ramesh C., 4,493,060, Cl. 365-238.000.
  - Vora, Madhukar B.; and Patel, Vikram M., 4,503,598, Cl. 29-571.000.
  - Vora, Madhukar B., 4,512,075, Cl. 29-577.00C.
  - Vora, Madhukar B., 4,543,595, Cl. 357-71.000.
  - Vora, Madhukar B., 4,545,113, Cl. 29-578.000.
  - West, Burnell G., 4,497,998, Cl. 219-210.000.
  - West, Burnell G., 4,550,405, Cl. 371-1.000.
- Fairchild Industries, Inc.: *See—*
  - Earl, Webster B., 4,512,357, Cl. 137-82.000.
  - Renshaw, Theodore A.; and Sarrantonio, Albert, 4,496,095, Cl. 228-102.000.
  - Renshaw, Theodore A.; and Curatolo, Joseph A., Jr., 4,523,710, Cl. 228-111.000.
  - Renshaw, Theodore A., 4,524,898, Cl. 228-1.100.
  - Renshaw, Theodore A., 4,527,727, Cl. 228-1.100.
  - Renshaw, Theodore A.; Curatolo, Joseph A., Jr.; and Sarrantonio, Albert, 4,529,115, Cl. 228-1.100.
  - Renshaw, Theodore A.; and Curatolo, Joseph A., Jr., 4,545,519, Cl. 228-1.100.
  - Sheek, Roy S., 4,509,888, Cl. 410-105.000.
- Fairchild, Meredith H., to TP Industrial, Inc. Plastic bottle cleaner composition and method. 4,505,836, 3-19-85, Cl. 252-174.140.
- Fairchild, Raymond S.: *See—*
  - Tay, Ching-Hua; and Fairchild, Raymond S., 4,549,929, Cl. 162-78.000.
- Fairchild Research Center: *See—*
  - Venkateswaran, Kalyanasundaram, 4,538,247, Cl. 365-230.000.
- Fairchild Weston Systems, Inc.: *See—*
  - Hart, David G., 4,542,864, Cl. 242-193.000.
- Fairclough Civil Engineering Limited: *See—*
  - Thomas, Norman S., 4,515,501, Cl. 405-153.000.
- Fairey Engineering Limited: *See—*
  - Parramore, Thomas S., 4,521,932, Cl. 14-2.400.
- Fairey Hydraulics, Ltd.: *See—*
  - Avery, Robert W., 4,535,263, Cl. 310-112.000.
- Fairey, Norman R.: *See—*
  - Childs, John B.; and Fairey, Norman R., 4,505,878, Cl. 419-67.000.
- Fairfield Industries, Inc.: *See—*
  - Ray, Clifford H., 4,493,061, Cl. 367-23.000.
- Fairfield Manufacturing Company: *See—*
  - Miller, Richard W.; Nagao, Jay; and Dexter, Steve, 4,549,449, Cl. 74-785.000.
- Fairlamb, George R., to Union Carbide Canada Limited. Connector assembly for a gas. 4,527,587, 7-9-85, Cl. 137-329.300.
- Fairman, Ronald E.: *See—*
  - Wright, Eric C.; and Fairman, Ronald E., 4,534,599, Cl. 303-22.00R.
- Fais, Robert G.: *See—*
  - McGinniss, Vincent D., 4,529,563, Cl. 264-83.000.
- Faison, Marilyn D. System for teaching visual discrimination of spatially oriented subject matter. 4,498,869, 2-12-85, Cl. 434-184.000.
- Faist, Clifford H.: *See—*
  - Mourao, Antonio M.; and Faist, Clifford H., 4,522,631, Cl. 44-57.000.
- Faita, Giuseppe: *See—*
  - Bianchi, Giuseppe; Mussinelli, Gianluigi; and Faita, Giuseppe, 4,544,464, Cl. 204-147.000.
- Faitel, William M., to Lamb Technicon Corp. Rotary chain drive mechanism with periodic output dwell. 4,537,087, 8-27-85, Cl. 74-394.000.
- Faitel, William M., to Lamb Technicon Corp. Reciprocating linear conveyor drive. 4,556,141, 12-3-85, Cl. 198-750.000.
- Faitel, William M.: *See—*
  - Mason, Arthur C.; Faitel, William M.; and Haselhuhn, James M., 4,530,637, Cl. 414-750.000.
- Faith, Richard W., to Orion Industries, Inc. High input impedance amplifier circuit. 4,524,331, 6-18-85, Cl. 330-292.000.
- Faith, Thomas J., Jr., to RCA Corporation. Method of lowering contact resistance of implanted contact regions. 4,536,223, 8-20-85, Cl. 148-1.500.
- Faiveley Entreprises: *See—*
  - Ballerin, Jean-Paul; Georgelin, Alexandre; and Ballerin, Edmond, 4,559,918, Cl. 124-78.000.
- Faivre, Michel: *See—*
  - Desbos, Gilbert; and Faivre, Michel, 4,504,388, Cl. 210-150.000.
- Faizullabhoy, Mustansir A.: *See—*
  - Chitayat, Anwar; Goldstein, Robert C.; and Faizullabhoy, Mustansir A., 4,494,060, Cl. 318-568.000.
- Fajt, John, to Xenell Corporation. Low breakdown voltage, high current glow lamp. 4,501,991, 2-26-85, Cl. 313-589.000.
- Fajt, Ludvik: *See—*
  - Didek, Stanislav; Fajt, Ludvik; Reymanova, Marketa; and Markova, Marie, 4,553,383, Cl. 57-403.000.
- Fal-Kon Investment Group: *See—*
  - Jirovetz, Andre, 4,519,533, Cl. 227-109.000.

- Falamak, Reza. Control apparatus for omnidirectional, polar coordinated platform for lawnmower and the like. 4,533,998, 8-6-85, Cl. 364-424.000.
- Falardeau, Edward R.; Frisch, Kurt C., Jr.; and Lock, Michele R., to Dow Chemical Company, The. Silica bonded tin urethane catalysts. 4,507,410, 3-26-85, Cl. 523-211.000.
- Falardeau, Edward R., to Dow Chemical Company, The. Organotin-fumed silica derivatives for use as biocidal compositions. 4,543,127, 9-24-85, Cl. 106-18.290.
- Falb, H. Wolfgang: *See—*
  - Altner, Ulrich; Falb, H. Wolfgang; and Wallroth, Carl F., 4,552,139, Cl. 128-200.140.
  - Mohr, Helmut; Falb, H. Wolfgang; and Wallroth, Carl F., 4,493,318, Cl. 128-200.190.
- Falch, Sverre, to A/S Moelven Brug. Rotatable crane apparatus for a rescue vehicle. 4,515,282, 5-7-85, Cl. 212-254.000.
- Falchle, Jorg: *See—*
  - Schmid, Wolfgang; Wanner, Karl; Falchle, Jorg; Bleicher, Manfred; and Muller, Frank, 4,537,264, Cl. 173-48.000.
- Falciai, Riccardo: *See—*
  - Sottini, Stefano; Brenci, Massimo; Righini, Giancarlo; Falciai, Riccardo; Russo, Vera; and Scheggi, Verga A., 4,521,070, Cl. 350-96.150.
- Falck, John B.; and Robson, David. Coded information arrangement. 4,514,731, 4-30-85, Cl. 340-825.080.
- Falckenberg, Richard; Foell, Helmut; and Grabmaier, Josef, to Siemens Aktiengesellschaft. Device for asymmetrically coating a tape-shaped carrier body with silicon for further processing into solar cells. 4,505,221, 3-19-85, Cl. 118-101.000.
- Falckenberg, Richard: *See—*
  - Grabmaier, Josef; Falckenberg, Richard; and Foll, Helmut, 4,533,428, Cl. 156-608.000.
  - Grabmaier, Josef; and Falckenberg, Richard, 4,554,203, Cl. 428-229.000.
- Falcoff, Allan F., to Du Pont de Nemours, E. I., and Company. Apparatus for delivering accurate volume of liquid. 4,494,677, 1-22-85, Cl. 222-63.000.
- Falcoff, Allan F.; Mikkelsen, Eric; and Rodrigues, Allan B. J., to Du Pont de Nemours, E. I., and Company. Apparatus and process for measuring the color of paints. 4,511,251, 4-16-85, Cl. 356-246.000.
- Falconbridge Limited: *See—*
  - O'Hanlon, Thomas A., 4,540,056, Cl. 175-393.000.
- Falcone, James S., Jr.: *See—*
  - Cambell, Thomas C.; Sherry, Howard S.; Schweiker, George C.; Falcone, James S., Jr.; and Sams, Robert H., deceased, 4,528,276, Cl. 502-62.000.
- Falconer, David D., to AT&T Bell Laboratories. Echo cancellation in two-wire full-duplex data transmission with estimation of far-end data components. 4,535,206, 8-13-85, Cl. 179-170.200.
- Falconer, David G. Pivot bearing. 4,536,042, 8-20-85, Cl. 308-2.00A.
- Falconer, Robert M., to British Telecommunications. Interactive non-hierarchical adaptively synchronized oscillator network and phase locked loop oscillator for use therein. 4,521,745, 6-4-85, Cl. 331-2.000.
- Falconer, Roy D.: *See—*
  - Wilson, Robert R.; and Falconer, Roy D., 4,553,704, Cl. 241-39.000.
- Falconieri, Remo, to Ing. C. Olivetti & C., S.p.A. Printing and/or correcting device for printing machines. 4,498,792, 2-12-85, Cl. 400-214.000.
- Falconieri, Remo, to C. Olivetti & C., S.p.A. Document feed-in device. 4,525,089, 6-25-85, Cl. 400-639.100.
- Falgoux, Daniel; Simoulin, Danielle; and Pascal-Mousselard, Michel, to BP Chimie Societe Anonyme. Process for the preparation of addition products of epoxides and hydroxylated compounds. 4,543,430, 9-24-85, Cl. 568-678.000.
- Falk Corporation, The: *See—*
  - Stilin, John J., 4,501,169, Cl. 74-812.000.
  - Witt, Ronald A., 4,552,257, Cl. 192-56.00F.
- Falk, David O.: *See—*
  - Norton, Charles J.; Falk, David O.; and Hill, Alfred D., 4,548,272, Cl. 166-295.000.
  - Norton, Charles J.; Falk, David O.; and Hill, Alfred D., 4,561,502, Cl. 166-274.000.
- Falk, Ernst; and Knosel, Johann, to Richard Wolf GmbH. Medical coagulation device. 4,512,343, 4-23-85, Cl. 128-303.170.
- Falk, Gerhard, to Robert Bosch GmbH. Drive and mounting for coaxial tape reels. 4,522,352, 6-11-85, Cl. 242-193.000.
- Falk, Gertrud, to Siemens Aktiengesellschaft. Spectrometry plasma burner. 4,551,609, 11-5-85, Cl. 219-121.0PR.
- Falk, Jerry: *See—*
  - Carey, Richard A.; and Falk, Jerry, 4,535,330, Cl. 340-825.500.
  - Carey, Richard A.; and Falk, Jerry, 4,543,629, Cl. 364-200.000.
- Falk, John C.; Jalbert, Ronald L.; and Khait, Klementina F., to Borg-Warner Chemicals, Inc. High impact polyphenylene ether compositions having improved processability. 4,491,649, 1-1-85, Cl. 525-92.000.
- Falk, John C.; and Kliever, Leland B., to Borg-Warner Chemicals, Inc. Acrylic sequential graft copolymer-styrene-acrylonitrile copolymer blends. 4,542,179, 9-17-85, Cl. 524-432.000.
- Falk, R. Aaron, to Ball Corporation. Thermocouple detector. 4,513,201, 4-23-85, Cl. 250-342.000.
- Falk, Richard A. Repeating thermocouple. 4,521,639, 6-4-85, Cl. 136-234.000.
- Falk, Richard A. Ceramic fiber molten metal sampler. 4,535,640, 8-20-85, Cl. 73-864.550.
- Falk, Robert A.; and Borsodi, Istvan, to Ciba-Geigy Corporation. Ammonium and amine salts of di-perfluoroalkyl group containing acids and compositions and use thereof. 4,536,254, 8-20-85, Cl. 162-135.000.
- Falk, Robert A., to Ciba-Geigy Corporation. Di-perfluoroalkyl carbamyl group containing acrylates and methacrylates. 4,540,805, 9-10-85, Cl. 560-135.000.
- Falk, Roland: *See—*
  - Deimling, Karl; Falk, Roland; Krug, Aribert; Nagel, Peter; and Sand, Rudolf, 4,557,947, Cl. 427-130.000.
  - Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.
- Falk, Volker: *See—*
  - Bernhagen, Wolfgang; Falk, Volker; Springer, Helmut; Weber, Jurgen; Wiebus, Ernst; and Kniep, Claus, 4,515,986, Cl. 564-471.000.
- Falkenberg, Werner: *See—*
  - Horak, Otto; Falkenberg, Werner; Muders, Rolf; and Beinert, Werner, 4,525,283, Cl. 210-762.000.
- Falkenroth, Heinz-Jurgen: *See—*
  - Mahler, Gert; Falkenroth, Heinz-Jurgen; Leitermann, Wulf; and Boms, Manfred, 4,512,240, Cl. 98-2.040.
- Falkenstein, Don I.: *See—*
  - Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,011, Cl. 364-200.000.
  - Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,013, Cl. 364-200.000.
- Falkner, Chester B., Jr., to Fluor Subsea Services, Inc. Tension leg means and method of installing same for a marine platform. 4,540,314, 9-10-85, Cl. 405-227.000.
- Falkner, Raimund. Mechanism with continuous adjustment for the transmission of a rotary motion between two coaxial shafts. 4,505,163, 3-19-85, Cl. 74-63.000.
- Falknor, Charles L.; Vetter, Vincent H.; Wolfer, Dale R.; and Lyon, Dalton K., to Hughes Tool Company. Borehole conditioning apparatus. 4,557,339, 12-10-85, Cl. 175-325.000.
- Falkvall, Thore E.: *See—*
  - Shaldon, Stanley; Christopherson, Kjell H. I.; Falkvall, Thore E.; and Mattisson, Ulf K., 4,498,990, Cl. 210-637.000.
- Faller, Rudolph A., to Champion International Corporation. Food tray and packaging process. 4,495,749, 1-29-85, Cl. 53-471.000.
- Fallon, David E., to Harvey Hubbell Incorporated. Fiber optic cable grip. 4,514,005, 4-30-85, Cl. 294-86.420.
- Fallon, Merton R., to Draft Systems, Inc. Locking mechanism and valve assembly. 4,509,663, 4-9-85, Cl. 222-400.700.
- Fallon, Merton R., to Draft Systems, Inc. Safety apparatus for high pressure systems. 4,520,953, 6-4-85, Cl. 222-396.000.
- Fallon, Timothy R.: *See—*
  - Smith, Terry W.; and Fallon, Timothy R., 4,554,864, Cl. 99-340.000.
- Fallos, George, to Bell & Howell Company. Coupling mechanism. 4,553,652, 11-19-85, Cl. 192-18.00R.
- Fallos, George: *See—*
  - Reinert, Warren; and Fallos, George, 4,505,470, Cl. 271-100.000.
- Fallows, Norman H., to Rolls-Royce Limited. Transmission mechanism. 4,559,845, 12-24-85, Cl. 74-600.000.
- Falou, Armand S.: *See—*
  - Bluthe, Norbert; Falou, Armand S.; and Gore, Jacques, 4,556,742, Cl. 568-403.000.
- Faltas, Mervat: *See—*
  - Yamazaki, Tsuneo; Faltas, Mervat; and Webb, Paul P., 4,499,483, Cl. 357-30.000.
- Falter, Richard D.: *See—*
  - Korte, Kevin R.; and Falter, Richard D., 4,528,995, Cl. 131-304.000.
- Faltin, Hans G. Braking means for moving paper products entering folders. 4,506,873, 3-26-85, Cl. 270-46.000.
- Faltin, Jurgen: *See—*
  - Kotulla, Bernhard; Weiser, Martin; Faltin, Jurgen; Preis, Lothar; Schmidt, Rudolf; and Born, Eberhard, 4,501,516, Cl. 405-260.000.
- Faltynek, Robert A., to General Electric Company. Nickel complex catalyst for hydrosilation reaction. 4,529,553, 7-16-85, Cl. 556-12.000.
- Faltynek, Robert A., to General Electric Company. Nickel complex catalyst for hydrosilation reactions. 4,550,152, 10-29-85, Cl. 528-15.000.
- Faltys, Jan, to Sulzer-Escher Wyss AG. Control mechanism for the stator vanes of an axial turbine device. 4,558,986, 12-17-85, Cl. 415-150.000.
- Faludi, Arpad: *See—*
  - Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.
- Falzone, Vincenzo; and Tommasi, Marcello, to Italtel Societa Italiana Telecomunicazioni S.p.A. Digital switching exchange for telephone systems. 4,535,444, 8-13-85, Cl. 370-58.000.
- Family Distributors, Inc.: *See—*
  - Heggeland, Bruce; Garcia, George; and LoBosco, Sam S., 4,491,231, Cl. 220-6.000.
- Family Health International: *See—*
  - Wheeler, Robert G.; and Potts, David M., 4,561,433, Cl. 128-130.000.
- Fan, Jen-Jung: *See—*
  - Christner, Larry G.; and Fan, Jen-Jung, 4,495,154, Cl. 422-203.000.

Fan, John C. C.; and Bozler, Carl O., to Massachusetts Institute of Technology. Solar cells having ultrathin active layers. 4,514,581, 4-30-85, Cl. 136-255.000.

Fan, John C. C.; and Gale, Ronald P., to Massachusetts Institute of Technology. Solar cells and photodetectors. 4,547,622, 10-15-85, Cl. 136-249.000.

Fan, John C. C.; and Bachner, Frank J., to Massachusetts Institute of Technology. Transparent heat-mirror. 4,556,277, 12-3-85, Cl. 350-1.700.

Fan, Lucy L.; and Arce, Javier A., to Frito-Lay, Inc. Hot oil pretreatment of fried vegetable products. 4,503,127, 3-5-85, Cl. 426-438.000.

Fan, You-Ling; Chu, Nan S.; Brode, George L.; and Rosen, Meyer R., to Union Carbide Corporation. High molecular weight water soluble polymers. 4,529,782, 7-16-85, Cl. 526-240.000.

Fan, You-Ling: *See—*
  Rosen, Meyer R.; Fan, You-Ling; and Chu, Nan S., 4,555,346, Cl. 210-734.000.

Fancelli, Fabio: *See—*
  Alluto, Luigi; and Fancelli, Fabio, 4,530,217, Cl. 62-156.000.

Fancett, Scott F.: *See—*
  Ambrose, Albert R.; and Fancett, Scott F., 4,512,589, Cl. 280-6.00R.

Fancher, Llewellyn W.; and Scher, Herbert B., to Stauffer Chemical Company. Lepidoptericidal isothiourea compounds. 4,515,813, 5-7-85, Cl. 514-563.000.

Fane, William H., III, to MED-CALL. Remote digital control transmitter device. 4,546,211, 10-8-85, Cl. 179-2.00A.

Fanelli, Anthony J.; and Price, Alson K., to Allied Corporation. Alumina-based aerogel supported transition metal catalyst useful as a Ziegler-Natta olefin polymerization catalyst and process for preparing same. 4,550,093, 10-29-85, Cl. 502-107.000.

Fanelli, Michael W.; and Masters, Edward R. Collapsible lantern. 4,520,431, 5-28-85, Cl. 362-180.000.

Fanelli, Noel. Water bicycle and detachable device therefor. 4,511,338, 4-16-85, Cl. 440-26.000.

Fang, Frank F.; Grossman, Bertrand M.; and Hwang, Wei, to International Business Machines Corporation. Method of making ultrashort FET using oblique angle metal deposition and ion implantation. 4,532,698, 8-6-85, Cl. 29-571.000.

Fang, Lawrence: *See—*
  Labovitz, Jeffrey N.; and Fang, Lawrence, 4,561,881, Cl. 71-92.000.

Fanger, Hans-Ulrich: *See—*
  Michaelis, Walfried; Fanger, Hans-Ulrich; and The, Hans L., 4,539,649, Cl. 364-558.000.

Fanget, Bernard J. C.: *See—*
  Montagnon, Bernard J.; and Fanget, Bernard J. C., 4,525,349, Cl. 424-89.000.

Fankhauser, Hanspeter: *See—*
  Weil, Wolfgang; Lanz, Andres; Vogt, Max; Meier, Paul; Kaul, Martin; and Fankhauser, Hanspeter, 4,493,962, Cl. 219-64.000.

Fankhauser, Peter: *See—*
  Witschi, Heinz; and Fankhauser, Peter, 4,506,481, Cl. 52-127.200.

Fann, James D. Insert for blocking operation of the disc write switch in use of computer diskettes. 4,521,820, 6-4-85, Cl. 360-133.000.

Fannin, Richard C., to Allied Corporation. Automatic control for an external air supply. 4,549,888, 10-29-85, Cl. 55-163.000.

Fannin, Wayne V.; and Pees, James M., to General Motors Corporation. Vehicle suspension unit with replacement air spring. 4,534,545, 8-13-85, Cl. 267-64.240.

Fanning, William J., to AT&T Technologies, Inc. Component module for piggyback mounting on a circuit package having dual-in-line leads. 4,521,828, 6-4-85, Cl. 361-386.000.

Fanning, William J., to AT&T Technologies, Inc. Electrical terminal and method of securing same in circuit substrate thru-hole. 4,541,034, 9-10-85, Cl. 361-405.000.

Fano, Maurizio: *See—*
  Bernareggi, Virgilio; Bonifacio, Fausto; Margutti, Roberto; and Fano, Maurizio, 4,558,054, Cl. 514-291.000.

Fanshawe, William J.: *See—*
  Epstein, Joseph W.; McKenzie, Thomas C.; and Fanshawe, William J., 4,544,665, Cl. 514-412.000.
  McKenzie, Thomas C.; Fanshawe, William J.; and Epstein, Joseph W., 4,529,736, Cl. 514-411.000.

Fanslau, Christine: *See—*
  Kinder, Reiner; Teubel, Johannes; Schuster, Herbert; and Fanslau, Christine, 4,544,650, Cl. 502-424.000.

Fanslau, Udo; and Grosche, Norbert, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Foldable wheel chair, especially for invalids. 4,527,829, 7-9-85, Cl. 297-17.000.

Fansteel Inc.: *See—*
  Means, Thomas C.; and Emmerich, Kenneth C., 4,515,230, Cl. 175-410.000.
  Schiele, Edward K.; Manley, Robert V., Jr.; and Rerat, Carlos F., 4,544,403, Cl. 75-0.5AB.

Fant, Karl M.; Fundakowski, Richard A.; Levitt, Tod S.; Overland, John E.; Suresh, Bindinganavle R.; and Ulrich, Franz W., to Honeywell Inc. Real time automated inspection. 4,519,041, 5-21-85, Cl. 364-552.000.

Fantasy Flavors, Inc.: *See—*
  Petersen, Benjamin R., Jr., 4,538,740, Cl. 215-246.000.

Fanti, Hansruedi, to Matra AG. Foam material body for a pad, particularly a mattress. 4,524,473, 6-25-85, Cl. 5-481.000.

Fantin, Giancarlo: *See—*
  Rossetti, Vittorio; Dondoni, Alessandro; and Fantin, Giancarlo, 4,507,499, Cl. 564-179.000.

Fantin, Lino. Electrically powered device for opening and closing the visor of a crash helmet. 4,546,498, 10-15-85, Cl. 2-424.000.

Fantini, Amedeo A.: *See—*
  Lee, May D.; Borders, Donald B.; Labeda, David P.; Fantini, Amedeo A.; and Testa, Raymond T., 4,503,044, Cl. 514-2.000.
  Martin, John H. E. J.; Kirby, Jane P.; Borders, Donald B.; Fantini, Amedeo A.; and Testa, Raymond T., 4,552,867, Cl. 514-18.000.

Fantone, Stephen D.; Goward, Robert M.; and Kaplan, Jonathan I., to Polaroid Corporation. Viewfinder apparatus. 4,526,444, 7-2-85, Cl. 350-501.000.

Fantone, Stephen D., to Polaroid Corporation. Apparatus and methods for testing lens structure. 4,526,467, 7-2-85, Cl. 356-124.000.

Fantone, Stephen D., to Polaroid Corporation. Holographic optical apparatus for use with expanded-beam type fiber optical components. 4,540,246, 9-10-85, Cl. 350-3.700.

Fantone, Stephen D.; and Johnson, Bruce K., to Polaroid Corporation. Optical viewing system. 4,545,655, 10-8-85, Cl. 350-540.000.

Fantou, Jean-Paul, to ARO. Transformer, more especially a voltage dropping transformer for an electric welding machine. 4,543,552, 9-24-85, Cl. 336-60.000.

Fantuzzo, Joseph: *See—*
  Ammenheuser, Herbert H.; and Fantuzzo, Joseph, 4,547,064, Cl. 355-15.000.

Fanuc Ltd.: *See—*
  Fujioka, Yoshiki; and Hirota, Mitsuhiko, 4,499,414, Cl. 318-803.000.
  Fukuyama, Hiroomi; and Isobe, Shinichi, 4,496,889, Cl. 318-565.000.
  Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, 4,520,253, Cl. 217-69.00W.
  Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, 4,523,073, Cl. 219-69.00W.
  Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, 4,546,227, Cl. 219-69.00W.
  Hattori, Seiichi; and Kanda, Kunio, 4,520,458, Cl. 364-900.000.
  Inaba, Hajimu; and Sakakibara, Shinsuke, 4,504,771, Cl. 318-561.000.
  Inaba, Hajimu; and Sakakibara, Shinsuke, 4,511,985, Cl. 364-513.000.
  Inaba, Hajimu; and Sakakibara, Shinsuke, 4,549,276, Cl. 364-513.000.
  Inaba, Hajimu; and Sakakibara, Shinsuke, 4,555,758, Cl. 364-174.000.
  Inaba, Hajimu; Sakakibara, Shinsuke; and Nihei, Ryo, 4,562,551, Cl. 364-513.000.
  Ishida, Hiroshi; Fujioka, Yoshiki; and Ota, Naoto, 4,560,927, Cl. 324-166.000.
  Kawada, Shigeki; Amemiya, Yoichi; and Sogabe, Masatoyo, 4,543,506, Cl. 310-156.000.
  Kinoshita, Mitsuo, 4,493,083, Cl. 371-66.000.
  Kinoshita, Mitsuo; and Obara, Haruki, 4,521,662, Cl. 219-69.00W.
  Kinoshita, Mitsuo, 4,521,721, Cl. 318-573.000.
  Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,506,331, Cl. 364-474.000.
  Kishi, Hajimu; and Seki, Masaki, 4,523,270, Cl. 364-191.000.
  Kishi, Hajimu; and Seki, Masaki, 4,546,427, Cl. 364-168.000.
  Kishi, Hajimu; Seki, Masaki; Tanaka, Kunio; and Takegahara, Takashi, 4,556,833, Cl. 318-567.000.
  Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,559,601, Cl. 364-475.000.
  Kohzai, Yoshinori; Fujioka, Yoshiki; and Ota, Naoto, 4,501,999, Cl. 318-632.000.
  Komiya, Hidetsugu; and Hattori, Seiichi, 4,544,971, Cl. 360-96.500.
  Komiya, Hidetsugu; Inoue, Michiya; and Saitoh, Yoshiyuki, 4,554,462, Cl. 307-140.000.
  Matsui, Mitsuo; and Matsumura, Teruyuki, 4,514,611, Cl. 219-69.00M.
  Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,504,772, Cl. 318-603.000.
  Nakashima, Seiichiro; Torii, Nobutoshi; and Hamura, Masayuki, 4,557,660, Cl. 414-730.000.
  Nomura, Yoshiyuki; Okuda, Kanemasa; and Ishii, Hisao, 4,544,819, Cl. 219-69.00W.
  Nozawa, Ryoichiro; and Kawamura, Hideaki, 4,497,028, Cl. 364-474.000.
  Nozawa, Ryoichiro; Komiya, Hidetsugu; Kishi, Hajimu; Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,503,272, Cl. 318-560.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Ohtsuki, Toshiaki, 4,503,373, Cl. 318-570.000.
  Nozawa, Ryoichiro; and Kawamura, Hideaki, 4,507,738, Cl. 364-474.000.
  Nozawa, Ryoichiro; Kiya, Nobuyuki; and Murakami, Kunihiko, 4,510,427, Cl. 318-590.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,511,975, Cl. 364-474.000.
  Nozawa, Ryoichiro; and Kawamura, Hideaki, 4,514,813, Cl. 364-474.000.
  Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, 4,543,625, Cl. 364-169.000.
  Nozawa, Ryoichiro; Kiya, Nobuyuki; and Ichimura, Akio, 4,549,271, Cl. 364-474.000.
  Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, 4,554,497, Cl. 318-636.000.
  Obara, Haruki, 4,499,359, Cl. 219-69.00W.
  Obara, Haruki, 4,510,367, Cl. 219-69.00W.
  Okuda, Kanemasa, 4,523,074, Cl. 219-69.00W.

- Sakamoto, Keiji; and Toyozawa, Yukio, 4,521,724, Cl. 318-762.000.
- Sakano, Tetsuro, 4,503,374, Cl. 318-616.000.

Fanuc Ltd: *See—*

- Amemiya, Yoichi; Ishida, Hiroshi; Takekoshi, Yashitaka; and Ushiyama, Shigeyuki, 4,551,676, Cl. 324-208.000.
- Hattori, Masayuki; Nakamura, Shigeo; and Yairo, Osamu, 4,562,361, Cl. 307-270.000.
- Inaba, Hajimu; and Nihei, Ryo, 4,540,212, Cl. 294-88.000.
- Inaba, Hajimu; and Miyashita, Hideo, 4,542,471, Cl. 364-513.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,543,639, Cl. 364-513.000.
- Ishida, Hiroshi; and Taniguchi, Mitsuyuki, 4,551,662, Cl. 318-316.000.
- Ishida, Hiroshi; Fujioka, Yoshiki; and Ota, Naoto, 4,558,269, Cl. 318-811.000.
- Kawada, Shigeki; Amemiya, Yoichi; Sogabe, Masatoyo; and Iwamatsu, Noboru, 4,538,084, Cl. 310-217.000.
- Kinoshita, Mitsuo, 4,559,434, Cl. 219-69.00M.
- Kishi, Hajimu; and Seki, Masaki, 4,491,906, Cl. 364-191.000.
- Kishi, Hajimu; and Seki, Masaki, 4,510,568, Cl. 364-300.000.
- Kishi, Hajimu; Seki, Masaki; and Kawasumi, Masashi, 4,533,286, Cl. 409-80.000.
- Kishi, Hajimu; Tanaka, Kunio; and Seki, Masaki, 4,535,408, Cl. 364-475.000.
- Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,555,590, Cl. 178-18.000.
- Komiya, Hidetsugu; and Yamazaki, Etsuo, 4,534,685, Cl. 409-99.000.
- Kozai, Yoshinori; Amemiya, Yoichi; and Asahara, Sunao, 4,536,649, Cl. 250-231.0SE.
- Kurakake, Mitsuo, 4,535,277, Cl. 318-561.000.
- Matsui, Mitsuo; and Matsumura, Teruyuki, 4,538,098, Cl. 318-567.000.
- Nakamura, Kosei; and Takano, Yoshikazu, 4,534,686, Cl. 409-135.000.
- Nakashima, Seiichiro; Inaba, Hajimu; and Inagaki, Shigemi, 4,540,332, Cl. 414-744.00R.
- Nozawa, Ryoichiro; and Kiya, Nobuyuki, 4,534,001, Cl. 364-474.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; and Shima, Atsushi, 4,550,378, Cl. 364-474.000.
- Obara, Haruki, 4,518,842, Cl. 219-69.00W.
- Sakamoto, Keiji; and Seki, Shinji, 4,547,719, Cl. 318-723.000.
- Sakano, Tetsuro, 4,542,327, Cl. 318-571.000.
- Torii, Nobutoshi; and Nihei, Ryo, 4,549,846, Cl. 414-729.000.

FAOSA - Fabrica de Armazones Opticos, S.A.: *See—*

- Cuttler, Luis, 4,516,418, Cl. 70-456.00R.

Fapiano, Donald J., to General Electric Company. Method of improved gage control in metal rolling mills. 4,521,859, 6-4-85, Cl. 364-472.000.

Faraci, Arthur, to Grumman Aerospace Corporation. Test equipment interconnection system. 4,540,227, 9-10-85, Cl. 339-17.00F.

Farag, Samir F.; Allen, Edgar W.; and Little, Thomas R., to Siemens-Allis, Inc. Circuit breaker operator and interlock. 4,513,180, 4-23-85, Cl. 200-50.00R.

Farago, John, to Du Pont de Nemours, E. I., and Company. Nonwoven fiber-sheet process. 4,537,733, 8-27-85, Cl. 264-9.000.

Farago, Paul L.: *See—*

- Lansinger, Jere R.; Dorr, George D.; and Farago, Paul L., 4,550,675, Cl. 116-28.100.

Farah, Robert L.; and Walters, Stephen M., to AT&T Bell Laboratories. Bit compression coding with embedded signaling. 4,516,241, 5-7-85, Cl. 370-110.100.

Farah, Robert L., to AT&T Bell Laboratories. Digital quantizer. 4,536,741, 8-20-85, Cl. 340-347.0DD.

Faraone, Lorenzo, to RCA Corporation. Method of making semiconductor device with multi-levels of polycrystalline silicon conductors. 4,494,301, 1-22-85, Cl. 29-571.000.

Farazandeh, Edward A.: *See—*

- Heaston, Gaylord E.; and Farazandeh, Edward A., 4,524,547, Cl. 51-165.770.

Farb, Norman E., to Printronix, Inc. Print hammer mechanism having intermediate pivot fulcrum. 4,498,388, 2-12-85, Cl. 101-93.040.

Farb, Norman E.: *See—*

- Barrus, Gordon B.; Emenaker, Leo J.; Radke, Glen R.; Farb, Norman E.; and Holzer, Gerold, 4,498,793, Cl. 400-320.000.

Farber, David A.; Bachman, Brett; Pilat, John F.; and Wallach, Walter A., Jr., to Data General Corporation. Improved apparatus for encaching data whose value does not change during execution of an instruction sequence. 4,516,203, 5-7-85, Cl. 364-200.000.

Farber, David A.: *See—*

- Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
- Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I., Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
- Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., 4,514,800, Cl. 364-200.000.
- Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.

Farber, Heinrich: *See—*

- Bauer, Walter; Farber, Heinrich; and Muller, Jurgen, 4,493,545, Cl. 354-277.000.
- Thate, Kurt; Farber, Heinrich; and Muller, Jurgen, 4,496,273, Cl. 414-411.000.

Farber, Hobart A. Coin counting device. 4,495,959, 1-29-85, Cl. 133-1.00A.

Farber, Karlheinz; and Nelzow, Hartmann, to Bosch-Siemens Hausgerate GmbH. Automatic household beverage dispenser. 4,496,080, 1-29-85, Cl. 222-129.300.

Farber, Karlheinz: *See—*

- Deininger, Anton; Nelzow, Hartmann; and Farber, Karlheinz, 4,533,070, Cl. 222-439.000.

Farber, Mark I., to Resource Associates International Corp. Precious metal recovery apparatus. 4,523,993, 6-18-85, Cl. 210-297.000.

Farber, Phyllis S.: *See—*

- Salesky, Leonard, 4,526,179, Cl. 128-776.000.

Farbood, Mohamad I.; and Willis, Brian J., to Fritzsche Dodge & Olcott Inc. Production of γ-decalactone. 4,560,656, 12-24-85, Cl. 435-146.000.

Farcasiu, Malvina: *See—*

- Bowes, Emmerson; Farcasiu, Malvina; and Scott, Eric J. Y., 4,548,709, Cl. 208-213.000.
- Degnan, Thomas F.; and Farcasiu, Malvina, 4,550,090, Cl. 502-25.000.

Farcy, Andre: *See—*

- Peynaud, Francois; Gosselin, Jean; Farcy, Andre; and Grandvaux, Bernard, 4,516,226, Cl. 367-6.000.

Farcy, Jean-Claude: *See—*

- Bedu, Marcel; Farcy, Jean-Claude; and Goin, Christian, 4,496,873, Cl. 313-231.710.

Fardouet, Claude: *See—*

- Blanc, Jean-Paul; Fardouet, Claude; and Freslon, Alain, 4,528,910, Cl. 102-306.000.

Fareri, Elizabeth L.: *See—*

- Templin, Philip R.; and Fareri, Elizabeth L., 4,518,394, Cl. 44-38.000.

Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, to Rhone-Poulenc Sante. Cephalosporin derivatives, and pharmaceutical compositions containing them. 4,496,560, 1-29-85, Cl. 514-204.000.

Farge, Daniel; Roy, Pierre L.; Moutonnier, Claude; and Peyronel, Jean-Francois, to Rhone-Poulenc Sante. Cephalosporin derivatives. 4,503,220, 3-5-85, Cl. 544-16.000.

Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, to Rhone-Poulenc Sante. Cephalosporin derivatives. 4,526,962, 7-2-85, Cl. 544-016.000.

Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, to Rhone-Poulenc Sante. 6-(1,8-naphthyridin-2-yl)-dithiino[1,4][2,3-c]-pyrroles useful as tranquillizers and anticonvulsants. 4,550,110, 10-29-85, Cl. 514-254.000.

Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, to Rhone-Poulenc Sante. 6-(1,8-naphthyridin-2-yl)-dithiino[1,4][2,3-c]-pyrroles used as tranquillizing and anticonvulsant agents. 4,556,657, 12-3-85, Cl. 514-252.000.

Farge, Daniel: *See—*

- Berger, Christian; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean Francois; and Plau, Bernard, 4,508,717, Cl. 514-203.000.
- Berger, Christian; Farge, Daniel; Moutonnier, Claude; and Wolff, Gerard, 4,520,193, Cl. 544-016.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,529,728, Cl. 514-227.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,539,400, Cl. 544-47.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,546,100, Cl. 514-231.000.
- Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,547,504, Cl. 514-255.000.
- Le Roy, Pierre; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,554,350, Cl. 544-22.000.

Fargo Electronic Services Inc.: *See—*

- Cummins, Robert P., 4,547,780, Cl. 346-9.000.

Fargo Mfg. Company, Inc.: *See—*

- LaMontagne, Robert R., 4,505,503, Cl. 292-315.000.

Farha, Floyd E., Jr.: *See—*

- Reed, Larry E.; Porter, Randall A.; Farha, Floyd E., Jr.; and Guillory, Jack P., 4,511,405, Cl. 106-15.050.

Farhangi, Hassan; Miles, Peter R.; and Daskalakis, Costas N., to International Computers Limited. Image digitizing systems. 4,493,106, 1-8-85, Cl. 382-41.000.

Farhi, Philippe F.: *See—*

- Bossennec, Jean-Louis G.; Debuisser, Jean-Claude A.; and Farhi, Philippe F., 4,555,705, Cl. 343-55.00A.

Faria, Sixdeniel, to GTE Products Corporation. Electrophotographic copper doped cadmium sulfide material and method of making. 4,495,265, 1-22-85, Cl. 430-95.000.

Farina, Alfonso, to Selenia, Industrie Elettroniche Associate, S.p.A. Interference suppressor for an electronically or mechanically scanning monopulse radar generating sum and difference signals from received microwave energy. 4,549,183, 10-22-85, Cl. 343-7.00A.

- Farina, Carlo: *See—*
  - Clavenna, Gaetano; Farina, Carlo; Pinza, Mario; and Pifferi, Giorgio, 4,530,934, Cl. 514-548.000.
- Farina, John. Golf club. 4,537,403, 8-27-85, Cl. 273-164.000.
- Faris, Alan E., to TRW Inc. Temperature stabilizer. 4,518,944, 5-21-85, Cl. 338-22.00R.
- Faris, Sadeg M.; Moskowitz, Paul A.; Davidson, Arthur; and Sai-Halasz, George A., to International Business Machines Corporation. Room temperature cryogenic test interface. 4,498,046, 2-5-85, Cl. 324-158.00F.
- Farkas, Eugene L. Hack saw attachment for sabre saw. 4,505,037, 3-19-85, Cl. 30-122.000.
- Farkas nee Kirjak, Maria: *See—*
  - Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.
- Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, to Eszakmagyarorszagi Vegyimuvek. Plant tissue cultivation process. 4,554,252, 11-19-85, Cl. 435-240.000.
- Farkas, Tibor: *See—*
  - Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.
- Farleigh, James R. Method and apparatus for improving directional stability of motor vehicles. 4,557,501, 12-10-85, Cl. 280-673.000.
- Farley, Clayton E.: *See—*
  - Staab, Donald C.; and Farley, Clayton E., 4,516,808, Cl. 299-39.000.
- Farley, Donald V., to Loma Linda University Medical Center. Solution dispenser. 4,497,349, 2-5-85, Cl. 141-19.000.
- Farley, Marvin, to Eaton Corporation. Dose control method. 4,539,217, 9-3-85, Cl. 427-10.000.
- Farley Metals, Inc.: *See—*
  - Dybala, Charles J.; and Maczko, John J., 4,529,028, Cl. 164-369.000.
- Farm Fresh Shrimp Corporation: *See—*
  - Dugan, Charles; and Dugan, Timothy, 4,495,891, Cl. 119-2.000.
  - Dugan, Charles; and Dugan, Timothy, 4,501,227, Cl. 119-2.000.
- Farmaceutisk Laboratorium Ferring A/S: *See—*
  - Halskov, Soren, 4,496,553, Cl. 514-106.000.
- Farmacon Research Corporation: *See—*
  - Niazi, Sarfaraz, 4,530,936, Cl. 514-749.000.
- Farmatic Inc.: *See—*
  - Jensen, Louis, 4,545,541, Cl. 241-145.000.
- Farmatic S.r.l.: *See—*
  - Facchini, Libero, 4,537,300, Cl. 198-453.000.
- Farmer, Audley J.: *See—*
  - Andreini, Rockne J.; Farmer, Audley J.; and Yaguchi, Svetlana, 4,523,951, Cl. 75-126.00B.
- Farmer, Douglas A., Jr.: *See—*
  - Trotz, Samuel I.; and Farmer, Douglas A., Jr., 4,533,736, Cl. 546-290.000.
- Farmer, Edward J. Flow compensated computing controller. 4,498,809, 2-12-85, Cl. 405-92.000.
- Farmer, Homer H.: *See—*
  - Hoffman, David M.; Feher, John J.; and Farmer, Homer H., 4,517,103, Cl. 252-28.000.
- Farmer, Julian K.; and Hawk, Charles W., Jr., to Olin Corporation. Multi-compartment disc reactor with improved gas inlet manifold. 4,545,961, 10-8-85, Cl. 422-193.000.
- Farmer, Norman L. Insecticide duster. 4,519,548, 5-28-85, Cl. 239-652.000.
- Farmer, Ralph W.: *See—*
  - LaHann, Thomas R.; and Farmer, Ralph W., 4,546,112, Cl. 514-627.000.
- Farmer, Steven P.: *See—*
  - Dzewaltowski, Victor F.; and Farmer, Steven P., 4,561,218, Cl. 51-290.000.
- Farmer, William R. Picture scene apparatus. 4,561,202, 12-31-85, Cl. 40-495.000.
- Farmerie, John J., to Calgon Carbon Corporation. Regeneration of caustic impregnated activated carbons. 4,558,022, 12-10-85, Cl. 502-25.000.
- Farmer's Factory Co.: *See—*
  - Glendenning, George B.; and Glendenning, Terry S., 4,493,181, Cl. 56-314.000.
- Farmery, George M.: *See—*
  - Dughan, Terence G.; Farmery, George M.; and Payne, Derick A., 4,506,813, Cl. 222-590.000.
- Farmhand, Inc.: *See—*
  - Lenertz, John B.; and Moore, Carroll E., 4,548,543, Cl. 414-686.000.
- Farmitalia Carlo Erba S.p.A.: *See—*
  - Alpegiani, Marco; Battistini, Carlo; Bedeschi, Angelo; Franceschi, Giovanni; Foglio, Maurizio; and Zarini, Franco, 4,508,649, Cl. 260-245.20R.
  - Bargiotti, Alberto; Penco, Sergio; and Casazza, Anna M., 4,522,815, Cl. 514-34.000.
  - Bernardi, Luigi; Temperilli, Aldemio; Ruggieri, Daniela; Arcari, Giuliana; and Salvati, Patricia, 4,500,712, Cl. 546-67.000.
  - Bernardi, Luigi; Lazzari, Ettore; Malnati, Maria L.; Mazzini, Giuseppe; Pegrassi, Lorenzo; and Rossi, Alessandro, 4,558,049, Cl. 514-234.000.
  - Cozzi, Paolo; Pillan, Antonio; and Lovisolo, Pier P., 4,492,707, Cl. 424-273.00R.
  - Cozzi, Paolo; Carganico, Germano; Pillan, Antonio; and Branzoli, Umberto, 4,510,149, Cl. 514-341.000.
  - Dallatomasina, Franco; Ortica, Roberto; Giardino, Pietro; and Oppici, Ernesto, 4,549,987, Cl. 260-112.50R.
  - de Castiglione, Roberto; Gozzini, Luigia; Montecucchi, Pier C.; and Perseo, Giuseppe, 4,491,541, Cl. 260-112.50R.
  - Doria, Gianfederico; Passarotti, Carlo; Lovisolo, Pier P.; and Buttinoni, Ada, 4,521,419, Cl. 514-267.000.
  - Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, 4,522,944, Cl. 514-222.000.
  - Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, 4,537,962, Cl. 544-255.000.
  - Doria, Gianfederico; Passarotti, Carlo; Arcari, Giuliana; and Buttinoni, Ada, 4,551,457, Cl. 514-258.000.
  - Doria, Gianfederico; Passarotti, Carlo; and Corno, Maria L., 4,558,046, Cl. 514-227.000.
  - Faustini, Franco; Villa, Vittoria; Gandolfi, Carmelo; and di Salle, Enrico, 4,543,353, Cl. 514-236.000.
  - Faustini, Franco; Passarotti, Carlo; Ceserani, Roberto; and Gandolfi, Carmelo, 4,551,476, Cl. 514-461.000.
  - Foglio, Maurizio; Franceschi, Giovanni; Scarafile, Cosimo; Arcamone, Federico; and Sanfilippo, Aurora, 4,558,042, Cl. 514-192.000.
  - Franceschi, Giovanni; and Vioglio, Sergio, 4,507,295, Cl. 260-239.30P.
  - Merlini, Lucio; Rossi, Alessandro; and Buonamici, Metilde, 4,497,820, Cl. 514-432.000.
  - Mongelli, Nicola; and Gandolfi, Carmelo, 4,514,396, Cl. 514-222.000.
  - Moro, Luigi; Maffione, Grazia; Neri, Guido; and Rigamonti, Alessandro, 4,499,066, Cl. 424-19.000.
  - Ribaldone, Giuseppe; Felicioli, Maria G.; Santini, Claudio; and Agnes, Giovanni, 4,511,718, Cl. 544-406.000.
  - Salvati, Patricia; Caravaggi, Anna M.; Temperilli, Aldemio; Bosisio, Germano; Sapini, Osvaldo; and di Salle, Enrico, 4,526,892, Cl. 514-288.000.
- Farmland Industries, Inc.: *See—*
  - Stewart, Norman L., Jr.; and Kranz, Ken E., 4,557,748, Cl. 71-32.000.
- Farmos Group Ltd.: *See—*
  - Karjalainen, Arto J.; and Kurkela, Kauko O. A., 4,544,664, Cl. 514-396.000.
  - Kurkela, Kauko O. A.; and Karjalainen, Arto J., 4,517,198, Cl. 514-400.000.
  - Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., 4,556,677, Cl. 514-651.000.
- Farmos Yhtyma Oy: *See—*
  - Karjalainen, Arto J.; and Kurkela, Kauko O. A., 4,514,412, Cl. 514-397.000.
- Farmweld, Inc.: *See—*
  - Hartke, Charles A.; and Brummer, Francis A., 4,505,227, Cl. 119-52.00R.
- Farnam, Jeffrey R. Enhanced mobility wheelchair. 4,545,593, 10-8-85, Cl. 280-242.0WC.
- Farnatis s.r.l.: *See—*
  - Scalesciani, Juan, 4,499,104, Cl. 514-396.000.
- Farnham, Robert A.; Zestar, Lawrence P.; and Bertelsen, Corey A., to Chevron Research Company. Process for generating superheated steam using retorted solids. 4,495,058, 1-22-85, Cl. 208-11.00R.
- Farnham, William B.; and Sogah, Dotsevi Y., to Du Pont de Nemours, E. I., and Company. Process for preparing "living" polymers. 4,524,196, 6-18-85, Cl. 526-190.000.
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- Farnstrom, Kenneth A.: *See—*
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- Farnsworth, Robert P.: *See—*
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- Farnum, Henry M. Frame for photographs, visual displays, and three-dimensional objects. 4,531,316, 7-30-85, Cl. 40-159.000.
- Farnum, Henry M. Circumferential stereo spectacular, 360 degrees vertically and horizontally, with live center stage built by economical, universal construction devices. 4,538,394, 9-3-85, Cl. 52-664.000.
- Farnworth, David J. Handle. 4,558,896, 12-17-85, Cl. 294-156.000.
- Faro, John H.: *See—*
  - Intengan, Franklin S., 4,498,684, Cl. 280-234.000.
- Farooque, Mohammad: *See—*
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- Farquhar, Robert L., to Graviner Limited. Fire and explosion detection and suppression. 4,497,373, 2-5-85, Cl. 169-45.000.
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  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; and Farquharson, Graeme J., 4,511,391, Cl. 71-88.000.

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Farr, Richard S.; and Dorn, John J., 4,499,733, Cl. 60-611.000.

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Brearley, Malcolm; and Farr, Glyn P. R., 4,547,022, Cl. 303-6.00C.

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Farrant, John L.: *See*—
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Farrar, Frank W.; and Cupp, Carl J., to Pachmayr Gun Works, Inc. Gun magazine structure. 4,514,922, 5-7-85, Cl. 42-50.000.

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Farrar, Jack R.; and Farrar, Frank W., 4,502,238, Cl. 42-72.000.

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Farrell, Christopher J.; and Tsai, Boh C., to American Can Company. Oxygen scavenger. 4,536,409, 8-20-85, Cl. 426-398.000.

Farrell, Geoffrey, to Burroughs Wellcome Co. Perfume dispensing material. 4,499,012, 2-12-85, Cl. 252-522.00A.

Farrell, Geoffrey, to Burroughs Wellcome Co. Perfume dispenser. 4,549,996, 10-29-85, Cl. 261-19.000.

Farrell, George; Anderson, Diana M.; and Walton, Michael E., to Interox Chemicals Limited. Tungsten recovery from carbides. 4,533,527, 8-6-85, Cl. 423-53.000.

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Farrell, Leslie J.: *See*—
Bodenstein, Johannes J.; and Farrell, Leslie J., 4,543,122, Cl. 75-0.50B.

Farrell, Michael J.: *See*—
Dobson, Diane P.; Farrell, Michael J.; and Lutz, Raymond S., 4,501,985, Cl. 310-270.000.

Farrell, Ronald A. Air conditioning system for poultry houses. 4,504,011, 3-12-85, Cl. 237-14.000.

Farrell, Roscoe M.: *See*—
Safrit, Sam C.; Farrell, Roscoe M.; and Euliss, Melvin C., 4,492,099, Cl. 66-202.000.

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Farrelly, Robert E., to Jack Farrelly Company, The. Catch basin grate riser. 4,544,302, 10-1-85, Cl. 404-2.000.

Farrey, Merlyn F., to Fomo Products, Inc. Dispensing apparatus. 4,496,081, 1-29-85, Cl. 222-135.000.

Farrey, Merlyn F., to Fomo Products, Inc. Foam gun for mixing and dispensing two reactants. 4,550,863, 11-5-85, Cl. 222-145.000.

Farrington, Theodore E., Jr.: *See*—
Koger, Thurman J., II; Farrington, Theodore E., Jr.; and Weinshenker, Eugene, 4,552,709, Cl. 264-504.000.

Farris, Charles L.: *See*—
Gettleman, Lawrence; Farris, Charles L.; Rawls, H. Ralph; and LeBouef, Ralph J., Jr., 4,543,379, Cl. 523-120.000.

Farris, Edward T.; and Matthews, J. Lester. Surgical implants with solid interiors and porous surfaces. 4,492,577, 1-8-85, Cl. 433-201.000.

Farris, Eugene A. Socket wrench having automatic nut-ejecting capability. 4,535,657, 8-20-85, Cl. 81-124.100.

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Farris, Richard C.; and Diaz, Mario J., to Litton Resources Systems, Inc. Sleeve valve for an air gun having a reciprocating shuttle valve. 4,503,929, 3-12-85, Cl. 181-118.000.

Farrow, Desmond J., Sr.: *See*—
Newman, William E., Sr.; and Farrow, Desmond J., Sr., 4,554,906, Cl. 122-26.000.

Farrow, Gerald: *See*—
Conciatori, Anthony B.; Choe, Eui W.; and Farrow, Gerald, 4,514,553, Cl. 526-323.100.

Farrow, John F., to Medar, Inc. Structure for and method of reducing impedance in multiphase direct current power supplies. 4,513,363, 4-23-85, Cl. 363-126.000.

Farrow, Robert I.; and Clark, Richard L., to American Multimedia, Inc. Aligning means for tape splicer. 4,551,190, 11-5-85, Cl. 156-159.000.

Farrow, Robin F. C.: *See*—
Dean, Anthony B.; Farrow, Robin F. C.; Migliorato, Piero; White, Anthony M.; and Williams, Gerald M., 4,494,133, Cl. 357-30.000.

Farrugia, Anthony. Ranged voltage monitor with out-of-range enunciators. 4,559,497, 12-17-85, Cl. 324-133.000.

Farthing, George A., Jr.: *See*—
Lindstrom, Gerald D.; Eckhart, Clifford F.; Farthing, George A., Jr.; Muckley, James J.; and Taylor, Brian E., 4,519,322, Cl. 110-264.000.

Faruk, Erol A., to Beecham Group p.l.c. Antihypertensive chromenes and chromans. 4,510,152, 4-9-85, Cl. 514-321.000.

Farukshin, Lev H.: *See*—
Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.

Farver, Terry F.: *See*—
Kim, Chong Y.; Farver, Terry F.; and Brewer, Jack W., 4,508,825, Cl. 435-201.000.

Fasano, Anthony; Roberts, John H.; and Motycka, David L., to United Technologies Corporation. Method and apparatus for determining the accuracy of wind tunnel test data. 4,534,216, 8-13-85, Cl. 73-147.000.

Fasano, Michael: *See*—
Carney, William V.; and Fasano, Michael, 4,512,622, Cl. 339-103.00M.

Fasching, George E.; Evans, Donald M.; and Ernest, John H., to United States of America, Energy. Wireless remote liquid level detector and indicator for well testing. 4,523,465, 6-18-85, Cl. 73-290.00V.

Faschingleitner, Leopold: *See*—
Krempl, Peter W.; Schindler, Wolfgang; and Faschingleitner, Leopold, 4,518,861, Cl. 250-339.000.

Fasciati, Alfred; and Buhler, Arthur, to Ciba-Geigy Corporation. Sulfoethylaminosulfonyl substituted disazo dyes. 4,558,121, 12-10-85, Cl. 534-641.000.

Fasel, Herman P.: *See*—
Henniger, Peter W.; van der Drift, Johannes K.; Kapur, Jagdish C.; and Fasel, Herman P., 4,528,135, Cl. 260-245.20R.
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Fasolino, Gabriel V., to Hewitt, Delbert C. Surface cleaning device. 4,505,001, 3-19-85, Cl. 15-250.00A.

Fassauer, Arthur L. Apparatus for storing and serving perishable food products. 4,500,145, 2-19-85, Cl. 312-61.000.

Fassauer, Arthur L. Pelletized material feeder. 4,513,688, 4-30-85, Cl. 119-52.00A.

Fassbender, Helmut: *See*—
Spielau, Paul; Fassbender, Helmut; and Weiss, Richard, 4,550,051, Cl. 428-285.000.

Fassbender, Rolf, to Zahnradfabrik Friedrichshafen AG. Control system for two hydraulic power cylinders supplied by a pressure pump via one branch connection each. 4,558,631, 12-17-85, Cl. 91-516.000.

Fassbender, Rolf: *See*—
Liebert, Karl-Heinz; Tischer, Werner; and Fassbender, Rolf, 4,553,390, Cl. 60-384.000.
Tischer, Werner; Liebert, Karl-Heinz; and Fassbender, Rolf, 4,495,769, Cl. 60-451.000.

Tischer, Werner; Liebert, Karl-Heinz; and Fassbender, Rolf, 4,553,389, Cl. 60-384.000.

Fassbinder, Hans-Georg, to Kloeckner Stahlforschung GmbH. Valve for supplying flow media. 4,561,466, 12-31-85, Cl. 137-614.210.

Fassel, Reinhard; Meier, Werner; Rauch, Hans; Wesemeyer, Jurgen; and Raddant, Hans-Joachim, to Robert Bosch GmbH. Electric positioning motor control system, particularly automatic vehicle antenna extension system. 4,514,670, 4-30-85, Cl. 318-467.000.

Fassel, Reinhard: *See—*
Brautigam, Rolf; Haas, Lothar; Wesemeyer, Jurgen; Hellmann, Heinz-Dieter; Hergt, Peter; and Fassel, Reinhard, 4,491,026, Cl. 73-861.860.

Fassett, Matthew, to Raytheon Company. Blockage-free space fed antenna. 4,509,055, 4-2-85, Cl. 343-754.000.

Fassett, Matthew; Toth, John F.; Lewis, Michael L.; and Miccioli, William F., to Raytheon Company. Microstrip antenna with circular ring. 4,554,549, 11-19-85, Cl. 343-700.0MS.

Fassler, Michael H.: *See—*
Reiner, Martin J.; and Fassler, Michael H., 4,549,599, Cl. 164-122.100.

Fast Heat Element Mfg. Co., Inc.: *See—*
Crandell, Walter R., 4,492,556, Cl. 425-549.000.

Fast, Jacob. Support hook and assembly for merchandising display. 4,497,464, 2-5-85, Cl. 248-220.300.

Fast, Jacob. Strip merchandiser. 4,546,943, 10-15-85, Cl. 248-205.300.

Fast, Jacob J. Product identification tag. 4,525,944, 7-2-85, Cl. 40-124.100.

Fast, Jacob J. Merchandise information tag with improved mounting arrangement. 4,531,313, 7-30-85, Cl. 40-19.500.

Fast, Jacob J. Merchandise information display tag with guide means. 4,537,821, 8-27-85, Cl. 428-121.000.

Fast, Jacob J. Merchandise information tag. 4,539,766, 9-10-85, Cl. 40-22.000.

Fast, Patricia E.; and Wierenga, Wendell, to Upjohn Company, The. Method for treating arthritis with 6-aryl pyrimidine compounds. 4,507,302, 3-26-85, Cl. 514-272.000.

Fast, Patricia E.: *See—*
Stringfellow, Dale A.; and Fast, Patricia E., 4,543,248, Cl. 514-272.000.

Fastaia, Anthony J.: *See—*
Carll, Richard T.; Fastaia, Anthony J.; and von Nieda, Kurt, 4,551,832, Cl. 370-58.000.

Faste, Heinrich; and Bindernagel, Ali, to Kocks Technik GmbH & Co. Method of manufacturing hollow metal ingots. 4,523,622, 6-18-85, Cl. 164-66.100.

Fastenau, Werner, to Ed. Zublin Aktiengesellschaft. Recessible guide rail arrangement for a wheel-supported vehicle. 4,538,521, 9-3-85, Cl. 104-118.000.

Fastner, Thorwald; Mayrhofer, Max; and Taschner, Walter, to Voest-Alpine Aktiengesellschaft. Method of producing a plate of steel. 4,493,452, 1-15-85, Cl. 228-158.000.

Fastritsky, Viktor S.; Vingris, Laimonis T.; Ardentov, Vasily V.; Florinsky, Jury B.; Plotnikov, Viktor I.; Rodnevsky, Leonid A.; and Alexeev, Gennady N., to Rizhsky Politekhnichesky Institut. Apparatus for non-destructive testing of spot welds using an electromagnetic field. 4,503,392, 3-5-85, Cl. 324-232.000.

Fataluminium S.p.A.: *See—*
Gaddi, Roberto, 4,492,264, Cl. 164-292.000.

Fatello, Ubaldo. Surfboard type boat convertible into sailboat or buoy. 4,521,200, 6-4-85, Cl. 440-23.000.

Fathauer, George H.; and Hood, Charles F., to Berwind Corporation. Capacitance-type material level indicator. 4,499,766, 2-19-85, Cl. 73-304.00C.

Fathauer, George H.; Hood, Charles F.; and Runck, Robin B., to Berwind Corporation. Capacitance-type material level indicator. 4,499,767, 2-19-85, Cl. 73-304.00C.

Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., to Masco Corporation. Electronic air filtering apparatus. 4,507,131, 3-26-85, Cl. 55-104.000.

Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., to Masco Corporation of Indiana. Electronic air filtering apparatus. 4,523,463, 6-18-85, Cl. 73-204.000.

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Fatigue Technology, Inc.: *See—*
Champoux, Robert L., 4,557,033, Cl. 29-525.000.

Fatool, Francis N., to J. D. & C., Inc. Safety base. 4,529,199, 7-16-85, Cl. 273-25.000.

Fatool, Francis N.; and Gordon, James L., to J. D. & C., Inc. Safety base. 4,542,901, 9-24-85, Cl. 273-25.000.

Fatovic, Peter, to Northern Telecom Limited. Loudspeaker enclosure arrangement for voice communication terminals. 4,506,759, 3-26-85, Cl. 181-151.000.

Fatovic, Peter; and Lafrance, Conrad D., to Northern Telecom Limited. Directional microphone assembly. 4,528,426, 7-9-85, Cl. 179-121.00D.

Fattal, Jean A.; and Roesler, Michael L., to Raytheon Company. Control for gimballed monopulse antenna arrangement. 4,536,685, 8-20-85, Cl. 318-254.000.

Fattic, Gerald T.; and Vukovich, William J., to General Motors Corporation. Continuously variable transmission ratio control system. 4,509,125, 4-2-85, Cl. 364-424.100.

Fattore, Vittorio; Notari, Bruno; Paggini, Alberto; and Lagana, Vincenzo, to Snamprogetti S.p.A. Catalytic system for producing mixtures of methanol and higher alcohols. 4,513,100, 4-23-85, Cl. 502-303.000.

Fattori, Joseph E., to Waldwick Plastics Corporation. Submergible self-priming dispenser. 4,539,717, 9-10-85, Cl. 4-228.000.

Fatula, James J., Sr.; and Carroll, Martin J., to Ryman Engineering Company. Method of grinding non-uniform workpieces. 4,499,693, 2-19-85, Cl. 51-322.000.

Fatula, William F., Jr. Capillary tubing and small rod connector. 4,529,230, 7-16-85, Cl. 285-341.000.

Fatur, Thomas C.: *See—*
Bossart, Clayton J.; and Fatur, Thomas C., 4,533,520, Cl. 422-96.000.

Fatzer AG: *See—*
Seiler, Ernst; and Lang, Wilhelm, 4,530,205, Cl. 57-9.000.

Faubl, Hermann: *See—*
Cronin, Timothy H.; Faubl, Hermann; Hoffman, William W.; and Korst, James J., 4,491,583, Cl. 424-250.000.

Faublas, Serge: *See—*
Pinede, Édouard; Faublas, Serge; and Stevens, Peter F., 4,554,413, Cl. 179-99.00M.

Fauconnier, William R.: *See—*
North, Henry; and Fauconnier, William R., 4,511,092, Cl. 241-49.000.
North, Henry; and Fauconnier, William R., 4,511,254, Cl. 366-118.000.

Faugeras, Philippe, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societa Anonyme). Optoelectronic method of reading data on a magnetic medium and circuit for performing said method. 4,531,205, 7-23-85, Cl. 369-13.000.

Faul, Donald; Broussard, Paul P.; and Granger, Donald W., to Testrac, Inc. Method for determining borehole or cavity configuration through inert gas interface. 4,523,453, 6-18-85, Cl. 73-40.700.

Faulconer, Mark; and Langton, Allan R., to U.S.D. Corp. Conformable buoyancy compensator. 4,523,914, 6-18-85, Cl. 441-108.000.

Faulconer, Mark; and Langton, Allan R., to U.S.D. Corp. Buoyancy compensator, bladder, and process of manufacture. 4,561,853, 12-31-85, Cl. 441-106.000.

Faulhaber, Gerhard: *See—*
Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Jurgen, 4,525,581, Cl. 528-503.000.
Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Juergen, 4,532,320, Cl. 528-498.000.

Faulhaber, Mark E., to Du Pont de Nemours, E. I., and Company. Web inspection system having a product characteristic signal normalizing network. 4,538,915, 9-3-85, Cl. 356-431.000.

Faulhaber, Mark E.: *See—*
Paulson, Charles M., Jr.; and Faulhaber, Mark E., 4,521,111, Cl. 356-367.000.

Faulkenberry, Wayne J.; and Franke, Earnest A., to General Electric Company. Arrangement for connecting printed circuit boards. 4,506,939, 3-26-85, Cl. 339-17.00C.

Faulkenberry, Wayne J.: *See—*
Franke, Earnest A.; and Faulkenberry, Wayne J., 4,521,912, Cl. 455-115.000.

Faulkingham, Clifford H. Mailbox delivery signal device. 4,491,268, 1-1-85, Cl. 232-35.000.

Faulkner, Albert A.; and Bouton, John C., to SmithKline Beckman Corporation. Slide carrier. 4,501,495, 2-26-85, Cl. 356-244.000.

Faulkner, Dennis T.: *See—*
Peterson, William J.; and Faulkner, Dennis T., 4,546,293, Cl. 318-254.000.

Faulkner, James V., Jr., to Westinghouse Electric Corp. Electric utility automated distribution apparatus with improved data display. 4,513,382, 4-23-85, Cl. 364-492.000.

Faulkner, John R.: *See—*
Clements, Jack W.; and Faulkner, John R., 4,545,018, Cl. 364-474.000.

Faulkner, Neil P.; and Prue, Walter W., Jr., to John Fluke Mfg. Co., Inc. Direct volts calibrator. 4,541,065, 9-10-85, Cl. 364-571.000.

Faulkner, Richard D.; and McDonie, Arthur F., to RCA Corporation. Photoemissive cathode formed on conductive strips. 4,521,715, 6-4-85, Cl. 313-531.000.

Faulkner, Richard D.; and Rhoads, James L., to RCA Corporation. Electron discharge device having a ceramic member with means for reducing luminescence therein. 4,554,481, 11-19-85, Cl. 313-533.000.

Faulring, Gloria M., to Union Carbide Corporation. Production of tool steels using chemically prepared V_2O_3 as a vanadium additive. 4,511,400, 4-16-85, Cl. 75-129.000.

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Faultersack, David D., to Burroughs Corporation. Electromechanical assembly for aligning, discharging, and sequentially engaging conductors of a P.C. board with a backplane. 4,510,553, 4-9-85, Cl. 361-413.000.

Faupel, Werner: *See—*
Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, 4,501,252, Cl. 123-502.000.

Faupell, Lawrence C., to Thiokol Corporation. Antirotation linkage for rocket motor nozzles and other mechanisms. 4,506,832, 3-26-85, Cl. 239-265.350.

Fauquant, Jacques: *See—*
Brule, Gerard; Roger, Loic; Fauquant, Jacques; and Piot, Michel, 4,495,176, Cl. 424-128.000.

- Fauran, Francois: *See—*
  - Cousse, Henri; Mouzin, Gilbert; Bonnaud, Bernard; Charveron, Marie; and Fauran, Francois, 4,507,318, Cl. 514-531.000.
- Faure, Jean-Louis, to ASA S.A. Method for producing fiber spun yarns and the fiber spun yarns obtained with said method. 4,492,075, 1-8-85, Cl. 57-5.000.
- Faure, Louis H.; Townsend, Dana R.; and Walsh, Thomas J., to International Business Machines Corporation. Modular test probe. 4,554,506, 11-19-85, Cl. 324-158.00P.
- Faure, Michel; Regeffe, Jean Y.; Lumineau, Yves; and Jouanin, Andre, to Lignes Telegraphiques et Telephoniques. Rotary sealing device. 4,512,790, 4-23-85, Cl. 65-13.000.
- Faure, Michel: *See—*
  - Messe, Gerard; Faure, Michel; and Ducombs, Marcel, 4,522,094, Cl. 83-92.000.
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- Fauser, Hans, to J. M. Voith GmbH. Heatable roll. 4,560,860, 12-24-85, Cl. 219-470.000.
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- Fausone, Alfredo: *See—*
  - Fabbri, Bruno; and Fausone, Alfredo, 4,533,868, Cl. 324-83.00R.
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  - Jager, Gerhard; Fauss, Rudolf; Findeisen, Kurt; Becker, Benedikt; and Homeyer, Bernhard, 4,562,185, Cl. 514-229.000.
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- Faust-Fertigungstechnik GmbH & Co. KG: *See—*
  - Bast, Wilhelm, 4,508,051, Cl. 118-410.000.
- Faust, Horst: *See—*
  - Kastl, Erna; Ludwig, Klenk; and Faust, Horst, 4,546,023, Cl. 428-36.000.
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  - Heck, Gunter; Lienerth, Aladar; Malow, Egon; Schwarz, Karl-Heinz; and Faust, Uwe, 4,511,437, Cl. 203-19.000.
- Faust, Valerie F. Herbal hair treatment compositions. 4,511,555, 4-16-85, Cl. 424-74.000.
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  - Durslen, Heinz; Faust, Winifried; and Schlosser, Rainer, 4,532,010, Cl. 202-248.000.
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- Fauteux, Denis: *See—*
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- Fauvarque, Jean-Francois; Jutand, Anny; Chevrot, Claude; Pfluger, Fernando; and Troupel, Michel, to Compagnie Generale d'Electricite; and Centre National de la Recherche Scientifique. Process for preparing arylacetic and arylpropionic acids. 4,517,061, 5-14-85, Cl. 204-59.00R.
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  - Nedelec, Lucien; Pierdet, Andre; and Fauveau, Patrick, 4,493,836, Cl. 424-248.400.
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  - Poupon, Andre; and Favard, Jean-Claude, 4,531,188, Cl. 364-422.000.
- Favaron, James A., to Senmed, Inc. Clip stop for a surgical ligating instrument. 4,549,544, 10-29-85, Cl. 128-335.000.
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- Fawley, Norman C. Apparatus and method of arresting ductile fracture propagation. 4,559,974, 12-24-85, Cl. 138-172.000.
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  - Srivastava, Suresh C.; Fawwaz, Rashid A.; and Richards, Powell, 4,500,508, Cl. 424-1.100.
- Fawzi, Mahdi B., to Mallinckrodt, Inc. Gentisic acid salts as radiographic scanning agent stabilizers. 4,497,744, 2-5-85, Cl. 260-429.700.
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  - Cooper, Eugene R.; Loomans, Maurice E.; and Fawzi, Mahdi B., 4,552,872, Cl. 514-175.000.
- Fay, James E., to James River-Norwalk, Inc. Container structure. 4,497,431, 2-5-85, Cl. 229-6.00R.
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  - Fay, James P., Sr.; and Fay, James P., Jr., 4,550,861, Cl. 222-78.000.
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  - Chavin, Stephen I.; and Fay, Philip J., 4,495,175, Cl. 424-101.000.
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  - Negre, Guy; and Fayard, Jean-Claude, 4,506,636, Cl. 123-190.00A.
- Fayard, Jean F.: *See—*
  - Riou, Claude R.; and Fayard, Jean F., 4,536,219, Cl. 106-21.000.
- Faydit, Joel: *See—*
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- Fayerman, Jeffrey T.; and Richardson, Mark A., to Eli Lilly and Company. Cloning vectors for use in streptomyces and related organisms. 4,513,086, 4-23-85, Cl. 435-317.000.
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- Fayette, Brad K., to GTE Communication Systems Corporation. Sense point monitor circuit. 4,519,025, 5-21-85, Cl. 364-141.000.
- Faylor, Lawrence E., to Deere & Company. Vehicle cooling system utilizing one radiator. 4,535,729, 8-20-85, Cl. 123-41.100.
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  - Hall, Allen L.; and Fayter, Richard G., Jr., 4,522,950, Cl. 514-471.000.
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- Fazio, Sebastian. Stabilizer strap. 4,519,159, 5-28-85, Cl. 43-25.000.
- Fazis, Harald, to Ludwig Boschert GmbH & Co., KG. Notching machine. 4,535,665, 8-20-85, Cl. 83-556.000.
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  - Gates, Peter S., 4,549,027, Cl. 548-262.000.
  - Hough, Thomas L.; and Jones, Graham P., 4,501,605, Cl. 71-90.000.
  - Kerry, John C.; and Weighton, David M., 4,517,201, Cl. 514-521.000.
  - Rout, Ivan P.; and Gillings, Christopher, 4,546,108, Cl. 514-464.000.
  - Rowson, Graham P.; Percival, Albert; and Judson, Philip N., 4,508,659, Cl. 260-465.00D.
  - Slife, Fred W., 4,517,009, Cl. 71-90.000.
  - Whitmore, Martyn W.; Pollard, Michael D.; and Smythe, Stephen R., 4,546,174, Cl. 534-838.000.
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  - van Degeer, Peter M., 4,527,072, Cl. 290-55.000.
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  - Perkins, Roger G.; and Trujillo, Stephen M., 4,530,812, Cl. 376-142.000.
  - Rotem, Abraham I., 4,533,412, Cl. 148-411.000.
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- Feagin, Roy C., to Remet Corporation. Refractory material. 4,504,591, 3-12-85, Cl. 501-102.000.
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  - Fearing, D. Michael; and Johnson, George N., 4,497,321, Cl. 128-330.000.
- Fearnot, Neal E.: *See—*
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- Fearns, Peter: *See—*
  - Dey, Phillip; Fearns, Peter; Plessner, Karl W.; Pickup, Kenneth H.; Gaylard, Bernard; and Murphy, Arthur B., 4,491,387, Cl. 350-96.230.
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- Fearon, Edward R., to Shin International, Inc. Antitheft system. 4,539,558, 9-3-85, Cl. 340-572.000.
- Fearon, Edward R.: *See—*
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- Fearon, Robert E. Vapor compression distilling and salt concentrating device. 4,537,039, 8-27-85, Cl. 62-182.000.
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- Fearrington, George W., Jr.: *See—*
  - Sensabaugh, Andrew J., Jr.; Crepps, Dewitt C.; Rice, William Y., Jr.; and Fearrington, George W., Jr., 4,545,392, Cl. 131-352.000.
- Feast, William J.: *See—*
  - Bott, David C.; Edwards, John H.; and Feast, William J., 4,496,702, Cl. 526-285.000.
- Featherstone, John L.: *See—*
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- Fechant, Louis: *See—*
  - Belbel, Elie; Blanchard, Christian; Lauraire, Michel; Fechant, Louis; and Haury, Andre, 4,513,270, Cl. 335-195.000.
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  - Hinn, Werner; and Fecht, Hans-Rudolf, 4,502,073, Cl. 358-10.000.
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- Fechter, Harry R.: *See—*
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- Fecik, Michael T.; Bennett, Terry A.; and Ewing, John J., to PPG Industries, Inc. Apparatus for press shaping hot glass sheets. 4,539,031, 9-3-85, Cl. 65-29.000.
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- Fecik, Michael T.; Frank, Robert G.; and Ewing, John J., to PPG Industries, Inc. Dual ring segmented block tempering ring. 4,556,408, 12-3-85, Cl. 65-289.000.
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  - Frank, Robert G.; Fecik, Michael T.; and Ewing, John J., 4,501,603, Cl. 65-106.000.
  - Frank, Robert G.; Fecik, Michael T.; and Claassen, George R., 4,518,411, Cl. 65-106.000.
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- Fedde, Chris D.; and Carter, Dennis L., to Rockwell International Corporation. Radio reception path monitor for a diversity system. 4,506,385, 3-19-85, Cl. 455-226.000.
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- Fedele, Nicola J.: *See—*
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- Fedeli, Jean-Marc: *See—*
  - Audoin, Marcel; Fedeli, Jean-Marc; and Poujois, Robert, 4,543,564, Cl. 340-365.00C.
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- Feder, Alvin: *See—*
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  - Craig, Harold M.; and Feder, Ernest, 4,501,053, Cl. 29-156.80R.
- Feder, Friedhelm R., to Wedco Incorporated. Heat treating of material in finely divided form. 4,512,732, 4-23-85, Cl. 425-222.000.
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- Feder, Meinrad; and Stegmaier, Alwain, to Robert Bosch GmbH. Pressure controller. 4,535,816, 8-20-85, Cl. 137-625.650.
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  - Bentley, Gustavus A.; Nash, Stephen E.; and Pichler, Gerald P., 4,513,976, Cl. 277-25.000.
  - Block, Dennis A., 4,506,774, Cl. 192-98.000.
  - Butler, John D., 4,555,376, Cl. 264-266.000.
  - Cruickshank, E. J.; and Ekland, Joseph D., 4,516,560, Cl. 125-15.000.
  - Hinderer, Robert F., 4,524,185, Cl. 525-328.200.
  - Ladin, Eli M., 4,534,458, Cl. 192-98.000.
  - Nelligan, Jerome M.; and Heminover, Dale R., 4,503,972, Cl. 206-379.000.
  - Roemmele, Carl F.; and Ekland, Joseph D., 4,550,708, Cl. 125-15.000.
  - Saxton, Robert W.; Hewitt, William R.; and Nelligan, Jerome M., 4,536,108, Cl. 408-230.000.
- Federal Motors, Inc.: *See—*
  - Wormser, Robert S., 4,529,225, Cl. 280-781.000.
  - Wormser, Robert S.; and Barton, Bruce C., 4,540,095, Cl. 212-187.000.

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Lee, John F., 4,552,268, Cl. 206-455.000.

Neale, Douglas L., 4,534,497, Cl. 225-25.000.

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Kinney, Roger D.; and Federowicz, Raymond J., 4,519,409, Cl. 135-88.000.

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Fedij, Victor. Active armor. 4,545,286, 10-8-85, Cl. 89-36.020.

Fedlmuhle Aktiengesellschaft: *See—*

Brinkmann, Egon; Putenat, Mandred; and Dorre, Erhard, 4,518,357, Cl. 433-173.000.

Fedor, John W., to Masco Machine Incorporated. Combined torque and thrust overload responsive tool holder. 4,507,025, 3-26-85, Cl. 408-6.000.

Fedorinov, Vladimir A.: *See—*

Potapkin, Viktor F.; Morozov, Igor A.; Fedorinov, Vladimir A.; and Ravich, Alexandr S., 4,541,263, Cl. 72-243.000.

Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; and Karavaev, Alexandr A., to Moskovsky Nauchno-Issledovatelsky Institut Mikrokhirurgii Glaza. Corneal incision marker. 4,515,157, 5-7-85, Cl. 128-303.00R.

Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; Karavaev, Alexandr A.; and Yakushev, Vladimir M., to Moskovsky Nauchno-Issledovatelsky Institut Mikrokhirurgii Glaza. Instrument for making corneal incisions. 4,534,348, 8-13-85, Cl. 128-305.000.

Fedorovich, George; Kirkland, Kenneth C.; and McGraw, Jim F., to Garlock Inc. Hub seal and axle assembly and method for its assembly. 4,552,367, 11-12-85, Cl. 277-1.000.

Fedorovna, Chibisova N., administrator: *See—*

Motov, David L.; Tjurkina, Ljudmila P.; Godneva, Maria M.; Kolesnikova, Nina I.; Yakusheva, Galina G.; Ivanovich, Metelkin A., deceased; and Fedorovna, Chibisova N., administrator, 4,504,271, Cl. 8-94.250.

Fedoryshyn, Nicholas R. Multiple-objects support rack. 4,492,309, 1-8-85, Cl. 211-65.000.

Fedosov, Alexei Z.: *See—*

Lipets, Adolf U.; Alexandrov, Boris I.; Kuznetsova, Svetlana M.; Okerblom, Jury I.; Ershov, Jury A.; Frolova, Nadezhda A.; Malkis, Valery A.; Sotnikov, Ivan A.; Fedosov, Alexei Z.; and Petrosyan, Robert A., 4,501,320, Cl. 165-144.000.

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Dmitriev, Stanislav P.; Ivanov, Andrei S.; Sviniin, Mikhail P.; and Fedotov, Mikhail T., 4,492,873, Cl. 250-492.300.

Fedrick, Ronald M. Bottom-seated portable cofferdam and method of use. 4,522,532, 6-11-85, Cl. 405-11.000.

Feecon Corporation: *See—*

Gagliardo, John P.; and Pruneau, Albert J., 4,503,915, Cl. 169-15.000.

Gagliardo, John P.; Morse, Donald K.; and Pruneau, Albert, Jr., 4,535,846, Cl. 169-25.000.

Feedmobile, Inc.: *See—*

High, Sam; and Mast, Aquila D., 4,509,862, Cl. 366-158.000.

Feehan, John D.: *See—*

Belin, Rudolf E.; Boyce, William F.; and Feehan, John D., 4,519,195, Cl. 57-3.000.

Feeley, George F.: *See—*

Cioca, Gheorghe; Feeley, George F.; Brabson, Joseph B.; and Barth, Peter, 4,497,862, Cl. 428-220.000.

Feeney, Francis T. Male sanitary device. 4,505,707, 3-19-85, Cl. 604-393.000.

Feeney, Paul: *See—*

Pomerantz, Julie; and Feeney, Paul, 4,516,458, Cl. 83-651.100.

Feenstra, David D.; Fey, Robert L.; and Goin, Cheryl A., to International Business Machines Corporation. Method and apparatus for in situ purging a xerographic developer. 4,523,615, 6-18-85, Cl. 141-1.000.

Feenstra, Randall M.: *See—*

Binnig, Gerd K.; Feenstra, Randall M.; Hodgson, Rodney T.; Rohrer, Heinrich; and Woodall, Jerry M., 4,550,257, Cl. 250-492.200.

Feeny, Richard J.: *See—*

Zilligen, James A.; and Feeny, Richard J., 4,547,240, Cl. 156-85.000.

Feeser, Hermann: *See—*

Lorcks, Jurgen; Obradovic, Peter; Hochbahn, Peter; and Feeser, Hermann, 4,552,918, Cl. 524-734.000.

Feezor, Michael D.: *See—*

Sorrell, Furman Y.; Curtin, Thomas B.; and Feezor, Michael D., 4,543,822, Cl. 73-170.00A.

Fefeu, Michel, to Societe Anonyme Automobiles Citroen; and Societe Anonyme Automobiles Peugeot. Diesel oil heater for diesel engine. 4,491,119, 1-1-85, Cl. 123-557.000.

Feger, William E.: *See—*

Haken, Roger A.; and Feger, William E., 4,524,431, Cl. 365-222.000.

Fegley, Charles R.; and Regneth, Lorenz, to AT&T Technologies, Inc. Aligning a workpiece to a body. 4,495,396, 1-22-85, Cl. 219-85.00G.

Fegley, Charles R.; and Tamashasky, Joseph A., to AT&T Technologies, Inc. Orienting asymmetrically shaped articles. 4,513,852, 4-30-85, Cl. 198-399.000.

Fegley, Charles R.: *See—*

Davis, Charles L.; Fegley, Charles R.; and Moll, Jack H., Jr., 4,502,215, Cl. 29-874.000.

Fegley, M. Bruce, Jr.: *See—*

Barringer, Eric A.; Fegley, M. Bruce, Jr.; and Bowen, H. Kent, 4,543,341, Cl. 501-1.000.

Fegraus, Clark E.: *See—*

Jennings, William S.; and Fegraus, Clark E., 4,541,365, Cl. 122-451.00R.

Feher, John J.: *See—*

Hoffman, David M.; Feher, John J.; and Farmer, Homer H., 4,517,103, Cl. 252-28.000.

Fehlmann, Roland: *See—*

Widmer, Alois E.; and Fehlmann, Roland, 4,504,521, Cl. 427-85.000.

Fehlner, Francis P.: *See—*

Elmer, Thomas H.; and Fehlner, Francis P., 4,491,392, Cl. 350-357.000.

Fehr, Friedhard: *See—*

Westermeir, Gisela; and Fehr, Friedhard, 4,555,745, Cl. 361-320.000.

Fehr, Hans; Pesch, Wolfgang; and Friedemann, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Hardener for silicate soil stabilizers. 4,561,898, 12-31-85, Cl. 106-74.000.

Fehr, Hans: *See—*

Maak, Norbert; Friedemann, Wolfgang; Fehr, Hans; and Feulner, Kurt, 4,541,869, Cl. 106-38.350.

Fehr, Ivor J. M.: *See—*

Baker, Hugh W. B.; Buckle, Valerie A.; and Fehr, Ivor J. M., 4,547,090, Cl. 401-235.000.

Fehrenbach, Siegfried; Herbst, Kurt; and Utz, Eberhard, to Robert Bosch GmbH. Control device with a bimetallic element unilaterally fastened in a housing. 4,497,437, 2-5-85, Cl. 236-68.00B.

Fehrenbach, Siegfried: *See—*

Krimmer, Erwin; and Fehrenbach, Siegfried, 4,520,227, Cl. 174-65.00R.

Fehrenkamp, William; and Jameson, Joe P., to AMF Incorporated. Telemetry system cable. 4,545,040, 10-1-85, Cl. 367-76.000.

Fehrenkamp, William; Pater, Arnold R.; and Brummel, Arthur D., to AMF Incorporated. Telemetry system adapter. 4,551,824, 11-5-85, Cl. 367-76.000.

Fehrer, Ernst. Apparatus for making a yarn from a roving. 4,524,580, 6-25-85, Cl. 57-401.000.

Fehrer, Ernst. Apparatus for making fibrous webs. 4,534,086, 8-13-85, Cl. 19-99.000.

Fei, Alberto, to Dr. Alberto Ciampolini Strumenti Scientifici. Device for the detection and calculation of particles present in a moving suspension for hematological analyses and the like. 4,547,075, 10-15-85, Cl. 356-440.000.

Feiccabrino, Joseph A., to Uniroyal, Inc. Preparation of mono-nitro aromatic compounds. 4,495,372, 1-22-85, Cl. 568-929.000.

Feichtinger, Gerhard, to A.V.L. Gesellschaft fur Verbrennungskraftmaschinen und Messtechnik m.b.H. Prof. Dr. Dr. h.c. Hans List. Water-cooled two-cylinder two-stroke internal combustion engine. 4,530,314, 7-23-85, Cl. 123-41.740.

Feichtinger, Kurt, to Dr. Johannes Heidenhain GmbH. Sensing head with overload protection. 4,509,264, 4-9-85, Cl. 33-169.00R.

Feichtinger, Kurt, to Johannes Heidenhain GmbH. Sensing pin mounting arrangement for multicoordinate sensing head. 4,530,160, 7-23-85, Cl. 33-559.000.
Feichtinger, Kurt, to Dr. Johannes Heidenhain GmbH. Multicoordinate sensing head. 4,532,713, 8-6-85, Cl. 33-559.000.
Feierabend, Louis: *See—*
Mottram, William R.; Fisher, Gene A.; and Feierabend, Louis, 4,502,873, Cl. 55-179.000.
Feierberg, Susan: *See—*
Lee, Duk H.; Feierberg, Susan; and O'Brien, Robert E., 4,522,742, Cl. 252-301.160.
Feiertag, Richard J.: *See—*
McNamara, Robert P.; Ennis, Gregory B.; Feiertag, Richard J.; and Bauer, Robert K., 4,533,948, Cl. 358-122.000.
Feigel, Josef: *See—*
Glasauer, Rudolf; and Feigel, Josef, 4,558,245, Cl. 310-67.00R.
Feigt, Ingmar; and Wersing, Wolfram, to Siemens Aktiengesellschaft. Apparatus for contact-free measurement of electrical charge images generated by electro-radiographic recording methods. 4,541,017, 9-10-85, Cl. 358-295.000.
Feigt, Ingmar; Heinrich, Hans; and Kempter, Karl, to Siemens Aktiengesellschaft. Apparatus for recording X-ray images. 4,554,453, 11-19-85, Cl. 250-327.200.
Feigt, Ingmar: *See—*
Oberschmid, Raimund; and Feigt, Ingmar, 4,508,966, Cl. 250-327.200.
Feijen, Jan; and Hennink, Wilhelmus E., to Cordis Europa N.V. Conjugates of anticoagulant and protein. 4,526,714, 7-2-85, Cl. 260-112.00R.
Feikema, Roger H.; and Bakker, Harry J. Lawn edger device. 4,532,998, 8-6-85, Cl. 172-15.000.
Feilchenfeld, Michal M.; Byford, Roger G.; and Quan, Wing C., to Westinghouse Electric Corp. Voice-recognition elevator security system. 4,534,056, 8-6-85, Cl. 381-42.000.
Fein, Michael E.: *See—*
Wedding, Donald K.; Fein, Michael E.; Ernsthausen, Roger E.; and Byrum, Bernard J., 4,494,038, Cl. 313-587.000.
Feinberg, Irving; Kraus, Charles J.; and Stoller, Herbert I., to International Business Machines Corporation. Engineering change facility on both major surfaces of chip module. 4,546,413, 10-8-85, Cl. 361-410.000.
Feinberg, Irving; Wu, Leon L.; and Yuan, Leo, to International Business Machines Corporation. Transmission line terminator-decoupling capacitor chip for off-chip driver. 4,553,050, 11-12-85, Cl. 307-443.000.
Feinberg, Jack, to University of Southern California. Phase conjugation using internal reflection. 4,500,855, 2-19-85, Cl. 332-7.510.
Feinberg, Jeffrey N.: *See—*
White, Stephen R.; and Feinberg, Jeffrey N., 4,555,128, Cl. 281-45.000.
Feinbloom, William, to Designs for Vision, Inc. Binocular field of view simulator. 4,498,743, 2-12-85, Cl. 351-45.000.
Feinbloom, William, to Designs for Vision, Inc. Anamorphic lens system increasing the field of view for the visually handicapped. 4,555,164, 11-26-85, Cl. 350-420.000.
Feinerman, Deborah J.: *See—*
Piccolo, Dominic J.; and Feinerman, Deborah J., 4,533,556, Cl. 426-3.000.
Feinland, Raymond; and Iscowitz, Sigmund, to Clairol Incorporated. Hair dye preparation. 4,529,404, 7-16-85, Cl. 8-406.000.
Feinland, Raymond; Pohl, Stanley; and Hnatchenko, Michael, to Clairol Incorporated. Composition for lightening or coloring hair containing an oxidizing agent and certain quaternary amines. 4,532,127, 7-30-85, Cl. 424-62.000.
Feinland, Raymond: *See—*
Pohl, Stanley; Hnatchenko, Michael; and Feinland, Raymond, 4,507,280, Cl. 424-70.000.
Feinstone, Stephen M.: *See—*
Daemer, Richard J.; Feinstone, Stephen M.; Gust, Ian D.; and Purcell, Robert H., 4,532,215, Cl. 435-237.000.
Purcell, Robert H.; and Feinstone, Stephen M., 4,511,556, Cl. 514-743.000.
Feintool AG Lyss: *See—*
Haack, Johannes, 4,509,395, Cl. 83-55.000.
Feintuch, Martin W.: *See—*
Aron, Mitchell; and Feintuch, Martin W., 4,499,491, Cl. 358-102.000.
Feinwerktechnik Schleicher & Co., Firma: *See—*
Goldhammer, Albert, 4,497,247, Cl. 100-214.000.
Goldhammer, Albert, 4,512,252, Cl. 100-53.000.
Feirer, Egon; Amann, Ulrich; and Kuppinger, Gunter, to Maschinenfabrik Muller-Weingarten AG. Sliding tool table intended for the exchange of tools in presses. 4,519,309, 5-28-85, Cl. 100-229.00R.
Feiring, Andrew E., to Du Pont de Nemours, E. I., and Company. Vulcanizable nitrile-containing perfluoroelastomer. 4,525,539, 6-25-85, Cl. 525-326.300.
Feisel, Armin; and Wirz, Walter, to Reishauer AG. Workpiece pallet tray with plastic insert holders. 4,518,076, 5-21-85, Cl. 198-648.000.
Feist, Norbert, to Battenfeld Maschinenfabriken GmbH. Mixing nozzle for two reactant components. 4,533,521, 8-6-85, Cl. 422-133.000.
Feist, Wieland; and Huther, Gerhard. Leveling arrangement for measuring terrain points. 4,490,919, 1-1-85, Cl. 33-290.000.
Feist, Wieland: *See—*
Heinze, Rudi; Roder, Rolf; and Feist, Wieland, 4,504,143, Cl. 356-5.000.
Feist, Wolfgang M., to Raytheon Company. Semiconductor devices and manufacturing methods. 4,523,368, 6-18-85, Cl. 29-571.000.
Feit, Josef. Surface box. 4,548,230, 10-22-85, Cl. 137-369.000.
Feitelson, Ira S. Cat litter box. 4,548,160, 10-22-85, Cl. 119-1.000.
Feitzinger, Eduard; and Seminski, Robert B., to R.Q.O. Holding Company. Controlling ammonia emissions for diazo developing equipment. 4,512,654, 4-23-85, Cl. 355-27.000.
Fekete, Bela: *See—*
Rakoczi, Jozsef; Berenyi nee Poldermann, Edit; Fekete, Bela; Szekeres, Laszlo; Papp, Gyula; and Keszthelyi nee Udvary, Eva, 4,530,923, Cl. 514-183.000.
Fekete, Ferenc; and Spears, James E., to Mattel, Inc. Quick release spring powered toy vehicle. 4,536,169, 8-20-85, Cl. 446-461.000.
Fekete, George T.: *See—*
Badesha, Santokh S.; and Fekete, George T., 4,557,922, Cl. 423-510.000.
Fekete, Gyorgy: *See—*
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,510,338, Cl. 568-766.000.
Fekete, Marton: *See—*
Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
Feklin, Valentin I., to Dnepropetrovsky Inzhenerno-Stroitelny Institut. Apparatus for constructing cast in place tubular piles and method of constructing such piles by same apparatus. 4,504,173, 3-12-85, Cl. 405-240.000.
Feklin, Valentin I.: *See—*
Mazo, Boris M.; and Feklin, Valentin I., 4,496,011, Cl. 175-19.000.
Felber, Willibald, to Elin Union AG. Thermal monitoring apparatus for transformers or chokes. 4,549,817, 10-29-85, Cl. 374-152.000.
Felcht, Utz H.: *See—*
Perplies, Eberhard; and Felcht, Utz H., 4,526,961, Cl. 536-98.000.
Felcht, Utz-Hellmuth; and Buchberger, Gerhard, to Hoechst Aktiengesellschaft. Preparing water-soluble mixed cellulose ethers. 4,550,161, 10-29-85, Cl. 536-90.000.
Felcht, Utz-Hellmuth: *See—*
Kornrumpf, Wolfgang; Perplies, Eberhard; Hilbig, Josef; and Felcht, Utz-Hellmuth, 4,501,887, Cl. 536-84.000.
Feld, Gerhard; and Schmidt-Kufeke, Klaus-Peter. Process for making fine perforations in plastic sheeting and/or plastic or rubber coated sheet materials. 4,534,994, 8-13-85, Cl. 427-37.000.
Feld, Jerome H., to E. R. Squibb & Sons, Inc. Vial cap torque tester. 4,539,852, 9-10-85, Cl. 73-847.000.
Feldbakh, Eduard K.: *See—*
Denisov, Roman A.; Tiit, Valdur M.; and Feldbakh, Eduard K., 4,546,256, Cl. 250-372.000.
Feldberg, Leonard, to Burndy Corporation. IDC termination for coaxial cable. 4,533,199, 8-6-85, Cl. 339-99.00R.
Felder, Christian, to Gebhardt Fordertechnik GmbH. Distribution installation for moving piece goods. 4,544,064, 10-1-85, Cl. 209-583.000.
Felder, Ernst; Bianchi, Sergio; and Bollinger, Heinrich, to Eprova Aktiengesellschaft. Process for the preparation of serinol and of serinol derivatives, and products obtained therefrom. 4,503,252, 3-5-85, Cl. 564-474.000.
Felder, Louis: *See—*
Kvita, Vratislav; Zweifel, Hans; Roth, Martin; and Felder, Louis, 4,505,794, Cl. 204-159.240.
Kvita, Vratislav; Zweifel, Hans; Roth, Martin; and Felder, Louis, 4,506,083, Cl. 549-27.000.
Feldkamper, Richard, to Windmoller & Holscher. Apparatus for folding paper sacks to Z shape. 4,508,529, 4-2-85, Cl. 493-438.000.
Feldkamper, Richard; Maneke, Siegfried; and Philipp, Bernhard, to Windmoller & Holscher. Rotary applicator having suction rollers with suckers which can be switched off. 4,542,894, 9-24-85, Cl. 271-11.000.
Feldkirchner, Harlan L.: *See—*
Schora, Frank C.; Janka, John C.; and Feldkirchner, Harlan L., 4,560,547, Cl. 423-650.000.
Feldle, Gunter; and Fischer, Klaus, to Klein, Schanzlin & Becker Aktiengesellschaft. Barrel housing for centrifugal fluid machines. 4,536,128, 8-20-85, Cl. 415-219.00C.
Feldman, Barry J., to United States of America, Energy. Isotope separation apparatus and method. 4,526,664, 7-2-85, Cl. 204-157.10R.
Feldman, Joachim; and Oberlander, Andreas, to WABCO Fahrzeugbremsen GmbH. Brake actuator device with automatic slack adjuster. 4,546,860, 10-15-85, Cl. 188-71.400.
Feldman, Karl T., Jr., to Gould Inc. High-current sweep cable. 4,508,934, 4-2-85, Cl. 174-101.500.
Feldman, Karl T., Jr. Passive integral solar heat collector system. 4,513,732, 4-30-85, Cl. 126-433.000.
Feldman, Leonard C.: *See—*
Bean, John C.; Feldman, Leonard C.; and Fiory, Anthony T., 4,529,455, Cl. 148-175.000.
Feldman, Paul L.; and Gleason, Robert J., to Research-Cottrell, Inc. Method for reduced temperature operation of flue gas collectors. 4,559,211, 12-17-85, Cl. 423-242.000.
Feldman, Paul L.: *See—*
Gleason, Robert J.; and Feldman, Paul L., 4,525,142, Cl. 423-235.000.

Feldman, Richard B., to Chevron Research Company. Water detection subassembly and method of forming same, for computer processing centers. 4,538,141, 8-27-85, Cl. 340-604.000.

Feldman, Rubin, to Thermal Science, Inc. Thermal protective system. 4,493,945, 1-15-85, Cl. 174-68.00C.

Feldman, Stephen. Disassociative/reassociative chemical heat pump. 4,495,985, 1-29-85, Cl. 165-1.000.

Feldman, Steven; and Cihak, Richard J., to AMP Incorporated. Connector for printed circuit boards. 4,533,203, 8-6-85, Cl. 339-176.00M.

Feldmann, Ekkehard: *See—*

Daumer, Rolf; Feldmann, Ekkehard; Person, Martin; Wild, Ernst; and Zechnall, Martin. 4,527,523, Cl. 123-419.000.

Feldmann, Herman F., to International Paper Company. Method of operating a spent pulping liquor combustion apparatus. 4,522,685, 6-11-85, Cl. 162-30.110.

Feldmann, Hugo; Hollmann, Friedrich; Beisemann, Gerd; and Gartner, Horst, to SMS Schloemann-Siemag Aktiengesellschaft. Roll stand with noncylindrical rolls. 4,519,233, 5-28-85, Cl. 72-247.000.

Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; and Stodt, Rolf, to SMS Schloemann-Siemag Aktiengesellschaft. Live-roller feed bed for conveying individual lengths of rolled stock in close succession to cooling beds. 4,554,813, 11-26-85, Cl. 72-251.000.

Feldmann, Hugo: *See—*

Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, 4,505,374, Cl. 198-448.000.

Feldmann, Joachim; and Schlamann, Wilhelm, to WABCO Fahrzeugbremsen GmbH. Air brake system. 4,556,259, 12-3-85, Cl. 303-7.000.

Feldmann, Michel: *See—*

Picquendar, Jean-Edgar; Henaff, Jeannine; and Feldmann, Michel, 4,543,547, Cl. 333-193.000.

Feldmuhle Aktiengesellschaft: *See—*

Bergmann, Kurt W.; and Westerhuis, Popko J., 4,495,029, Cl. 162-135.000.

Dessauer, Guido, 4,549,930, Cl. 162-134.000.

Dorre, Erhard; Prussner, Peter; and Zichner, Ludwig, 4,538,306, Cl. 623-20.000.

Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,519,359, Cl. 123-668.000.

Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,522,171, Cl. 123-270.000.

Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,522,415, Cl. 277-216.000.

Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,524,732, Cl. 123-193.00H.

Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,526,824, Cl. 428-35.000.

Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,535,683, Cl. 92-224.000.

Engelsberger, Herbert, 4,547,427, Cl. 428-349.000.

Leimer, Gerhard; and Gugel, Ernst, 4,495,122, Cl. 264-65.000.

Feldner, Kurt; and Grape, Wolfgang, to Bayer Aktiengesellschaft. Process for the preparation of dimethyldichlorosilane. 4,552,973, 11-12-85, Cl. 556-469.000.

Feldsted, Robert J. C. Barge having a pneumatic loading and unloading system. 4,525,107, 6-25-85, Cl. 406-25.000.

Feldstein, Joel G.; and Gutzwiller, James E., Jr., to Babcock & Wilcox Company, The. Method of repairing leaks in steam generator tubes. 4,513,903, 4-30-85, Cl. 228-107.000.

Feldt, Mats, to Landstingens Inkopscentral LIC. Wheeled structure for supporting a patient in a sitting position. 4,545,085, 10-8-85, Cl. 5-81.00R.

Feldwick, Raymond D.: *See—*

Nozemack, Richard J.; Rudesill, John A.; Denton, Dean A.; and Feldwick, Raymond D., 4,542,118, Cl. 502-65.000.

Feleppa, Ernest J.: *See—*

Lizzi, Frederic L.; Elbaum, Marek; and Feleppa, Ernest J., 4,561,019, Cl. 358-112.000.

Felesky, Arthur. Method and means of testing and refining bicycle riding skills. 4,559,015, 12-17-85, Cl. 434-61.000.

Felfeli, Manoucher: *See—*

Lawrence, John P.; and Felfeli, Manoucher, 4,538,418, Cl. 62-79.000.

Felger, Carl B., to Gillette Company, The. Anticholinergic glucuronide compounds and antiperspirant use thereof. 4,517,176, 5-14-85, Cl. 424-47.000.

Felger, Carl B.: *See—*

Herlihy, Walter C.; Epstein, David M.; and Felger, Carl B., 4,546,096, Cl. 514-25.000.

Felice, Frank T.; and Yonushonis, Celeste B., to Combustion Engineering, Inc. Aluminum resistant ceramic fiber composition. 4,510,253, 4-9-85, Cl. 501-95.000.

Felice, Frank T., to Combustion Engineering, Inc. Aluminum resistant refractory composition. 4,522,926, 6-11-85, Cl. 501-127.000.

Felicetta, Joseph A. Self contained indirect refrigeration system. 4,519,216, 5-28-85, Cl. 62-185.000.

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Felix, Franz: *See—*

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Felix, Raymond A.; and Hsu, Joanna K., to Stauffer Chemical Company. Herbicide compositions of extended soil life. 4,559,082, 12-17-85, Cl. 71-98.000.

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Kemme, Gregor, 4,504,576, Cl. 430-538.000.

Fell, Barry M.; and Ciriscioli, Peter R., to Hexcel Corporation. Heat insulating blanket. 4,522,673, 6-11-85, Cl. 156-307.300.

Fell, Edwin H., to Westinghouse Electric Corp. Universal dowel pin system. 4,553,334, 11-19-85, Cl. 33-181.00R.

Fell, Peter J.: *See—*

Clark, Stephen D.; Wood, Philip S.; and Fell, Peter J., 4,493,451, Cl. 228-119.000.

Fell, Wolfgang; Zahn, Heinrich; Gunschmann, Peter; and Buchel, Winfried, to Robert Bosch GmbH. Magnetic tape guide roller system. 4,541,557, 9-17-85, Cl. 226-191.000.

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Felstet, Rickerd M. Excavator bucket with detachable implements. 4,550,512, 11-5-85, Cl. 37-117.500.

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- Felthuis, Jacob: *See—*
  - Commandeur, Jacobus J.; Felthuis, Jacob; and Mantel, Piet, 4,557,507, Cl. 285-45.000.
- Fencl, Vernon R., to Grotnes Metalforming Systems, Inc. Automotive rim roll forming drive system. 4,559,482, 12-17-85, Cl. 318-50.000.
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- Fencsik, Gabor; and Glenn, Fletcher M., II, to MDS Qantel, Inc. Communication channel interface unit. 4,511,968, 4-16-85, Cl. 364-200.000.
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- Fend, Fritz: *See—*
  - Stahl, Karl-Heinz; and Fend, Fritz, 4,504,214, Cl. 431-121.000.
- Fender, C. Leo. String lock mechanism for musical instruments. 4,517,874, 5-21-85, Cl. 84-314.00N.
- Fender, C. Leo. Guitar neck and method of making same. 4,528,886, 7-16-85, Cl. 84-293.000.
- Fender, David A. Ventilated athletic cap. 4,550,445, 11-5-85, Cl. 2-181.600.
- Fender Musical Instruments Corporation: *See—*
  - Gagon, Paul R.; and Cox, Roger F., 4,545,278, Cl. 84-1.150.
  - Gressett, Charles A., Jr.; and Smith, Daniel J., 4,549,460, Cl. 84-298.000.
  - Gressett, Charles A., Jr., 4,557,174, Cl. 84-293.000.
- Fender, Norman N.; and Davis, Mark S., to Graco Robotics, Inc. Robot spray head. 4,561,592, 12-31-85, Cl. 239-587.000.
- Fendley, James R.; Kraner, James L.; and Pekosh, Raymond J., to Zenith Electronics Corporation. Automatic gun mount alignment apparatus. 4,559,019, 12-17-85, Cl. 445-67.000.
- Fenech, Brian. Electro luminescence visual device. 4,551,363, 11-5-85, Cl. 428-28.000.
- Fenemore, Keith E.; Foden, George P.; and Baker, Christopher J., to Ingersoll-Rand Company. Skids for rotating machinery. 4,501,973, 2-26-85, Cl. 290-1.00A.
- Feng, Ching C., to Dunegan Corporation. Apparatus for acoustic emission detection including a waveguide made of aluminum or beryllium oxide. 4,510,812, 4-16-85, Cl. 73-644.000.
- Fengler, Gerd; Arlt, Dieter; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. 4H-1,4-benzothiazine derivatives. 4,548,934, 10-22-85, Cl. 514-225.000.
- Fenik, Milan: *See—*
  - Novak, Jiri; Pjgrt, Jan; Bezdicek, Jan; Fenik, Milan; Kuda, Vladimir; and Vasicek, Vladimir, 4,503,891, Cl. 139-116.000.
- Fenimore, Harry L. Apparatus and method for head and tail trimming booklets. 4,507,037, 3-26-85, Cl. 412-11.000.
- Feniou, Claude: *See—*
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- Fenk, Josef, to Siemens Aktiengesellschaft. Integrable differential amplifier. 4,504,794, 3-12-85, Cl. 330-254.000.
- Fenley, William F., Jr.: *See—*
  - Martin, Lincoln A.; and Fenley, William F., Jr., 4,498,157, Cl. 367-50.000.
- Fenn, Brian A.: *See—*
  - Nicol, Richard C.; Fenn, Brian A.; Clarke, Roger J.; and Ngan, King N., 4,504,860, Cl. 358-133.000.
- Fenn & Company: *See—*
  - Fenn, George S., 4,556,505, Cl. 252-194.000.
  - Fenn, George S., 4,561,995, Cl. 252-194.000.
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- Fenn, John B.: *See—*
  - Labowsky, Michael J.; Fenn, John B.; and Yamashita, Masamichi, 4,531,056, Cl. 250-288.000.
- Fenn, Lloyd B., to Texas A&M University. Composition of matter and method of use for nitrogen fertilization. 4,500,335, 2-19-85, Cl. 71-28.000.
- Fenn, Ronald S.: *See—*
  - Wiegers, Wilhelmus J.; Fenn, Ronald S.; Boden, Richard M.; and Schreiber, William L., 4,524,783, Cl. 131-276.000.
- Fenne, Ivor, to Lucas Industries Public Limited Company. Fuel injection pumping apparatus. 4,493,621, 1-15-85, Cl. 417-462.000.
- Fenne, Ivor, to Lucas Industries Public Limited Company. Delivery valves. 4,524,799, 6-25-85, Cl. 137-516.270.
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  - Jarrett, Boaz A.; Fenne, Ivor; Lakin, David F.; and Mowbray, Dorian F., 4,501,244, Cl. 123-446.000.
- Fennel, Helmut, to ITT Industries, Inc. Method of and arrangement for providing numerical values indicative of relationsips between pulse train pulses. 4,517,684, 5-14-85, Cl. 377-19.000.
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- Fennel, Robert B. Pilfer proofing system for electric utility meter box. 4,505,530, 3-19-85, Cl. 339-38.000.
- Fennell, Thomas G.; and Fisher, Ronald, to Dunlop Limited. Load-bearing thermal insulator. 4,526,616, 7-2-85, Cl. 75-234.000.
- Fennema, Alan A.: *See—*
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- Fenneman, David B.; Rinehart, Larry F.; and Hardesty, Leonard W., Jr., to United States of America, Navy. Apparatus for and a method of measuring the intrinsic time constant of liquids. 4,516,077, 5-7-85, Cl. 324-425.000.
- Fennemann, Wolfgang: *See—*
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- Fenner America Inc.: *See—*
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- Fenner, James A., to Boeing Company, The. Test stop assembly for oxygen box door. 4,518,179, 5-21-85, Cl. 292-166.000.
- Fennesz, Frank, Jr.: *See—*
  - Szostak, Jan; and Fennesz, Frank, Jr., 4,535,710, Cl. 112-459.000.
- Fenska, Lyle E.: *See—*
  - Mark, Harold W.; Bertus, Brent J.; Roberts, John S.; McKay, Dwight L.; and Fenska, Lyle E., 4,535,066, Cl. 502-62.000.
- Fenster, Abraham S.; and Buechler, Lawrence W., to Milwaukee Valve Company. Quarter turn valve including supervisory switch assembly. 4,518,008, 5-21-85, Cl. 137-552.000.
- Fenster, Paul; Netter, Zvi; and Shimoni, Yair, to Elscint Ltd. Digital fluorography. 4,555,728, 11-26-85, Cl. 358-111.000.
- Fenton, Donald M.; Delaney, Dennis D.; and Bingham, F. Emmett, to Union Oil Company of California. Method for removing elemental sulfur particles from the aqueous washing solution of a hydrogen sulfide removal process. 4,508,537, 4-2-85, Cl. 23-293.00S.
- Fenton, Donald M., to Union Oil Company of California. Arsenic removal method. 4,532,044, 7-30-85, Cl. 210-660.000.
- Fenton, Donald M., to Union Oil Company of California. Hemologation of alkanols. 4,540,836, 9-10-85, Cl. 568-902.000.
- Fenton, Donald M., to Union Oil Company of California. Arsenic removal from shale oils. 4,551,237, 11-5-85, Cl. 208-251.00R.
- Fenton, Donald M.: *See—*
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- Fenton, Edward A., Jr.; Lakin, Ira W.; Stein, Joseph H.; Lohr, John R.; and Schreiber, David A., to Dravo Corporation. Apparatus for removing the liquid phase from a slurry of fine granular material. 4,501,539, 2-26-85, Cl. 425-84.000.
- Fenton, Francis M.: *See—*
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- Fenton, Frank A., to Emhart Industries, Inc. Dead plate arrangement of a glassware forming machine. 4,508,557, 4-2-85, Cl. 65-348.000.
- Fenton, Frank A., to Emhart Industries, Inc. Method of cooling a glass ware mould. 4,525,191, 6-25-85, Cl. 65-83.000.
- Fenton, Frank A., to Emhart Industries, Inc. Mould arrangement for a cyclicly-operating glassware container manufacturing machine with temperature sensing means. 4,526,604, 7-2-85, Cl. 65-158.000.
- Fenton, Frank A., to Emhart Industries, Inc. Feeder mechanism for supplying gobs of plastic material. 4,544,397, 10-1-85, Cl. 65-332.000.
- Fenton, Frank A.; Booth, Brian; Jones, Stanley P.; and Gennard, Derek, to Emhart Industries, Inc. Mould arrangement for a glassware forming machine. 4,557,744, 12-10-85, Cl. 65-29.000.
- Fenton, Garry: *See—*
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- Fenton, Geoffrey J., to Magnetic Engineering Pty. Ltd. Hinges and hinged articles. 4,513,475, 4-30-85, Cl. 16-360.000.
- Fenton, Jeff T., to Conoco Inc. Acetal purification with superoxides. 4,513,144, 4-23-85, Cl. 549-368.000.
- Fenton, Jeff T.; Lundeen, Allan J.; Mack, Mark P.; and Merrick, Jean A., to Du Pont de Nemours, E. I., and Company. Polyolefin with improved processing properties. 4,539,374, 9-3-85, Cl. 525-240.000.
- Fenton, John W. Constant displacement turbine with vane which pivots and rotates. 4,519,756, 5-28-85, Cl. 418-68.000.
- Fentress, Philip W.; Kenley, Rodney S.; and Schnell, William J., to Baxter Travenol Laboratories, Inc. Method for disinfecting, for reuse, separation devices for blood and associated fluid lines. 4,552,721, 11-12-85, Cl. 422-28.000.
- Fentress, Vernon A.: *See—*
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- Fenwick, James R.; and Chang, Yi M., to United States of America, Air Force. Surface tension screen failure detection method and apparatus. 4,558,597, 12-17-85, Cl. 73-600.000.
- Fenwick, James R.: *See—*
  - Chang, Yi M.; and Fenwick, James R., 4,513,906, Cl. 228-184.000.
- Fenyes, Joseph G.; and Pera, John D., to Buckman Laboratories, Inc. Method of preservation of aqueous systems by addition to said systems of quaternary ammonium salts of hexamethylenetetramine. 4,505,831, 3-19-85, Cl. 252-34.000.
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- Fenyvesi, Eva; Szejtli, Jozsef; Zsadon, Bela; Antal, Balazs; and Wagner nee Kohary, Ildiko , to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Cyclodextrin polymers swelling quickly and to a great extent in water and process for the preparation thereof. 4,547,572, 10-15-85, Cl. 536-103.000.

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  Honegger, Werner, 4,494,646, Cl. 198-459.000.
  Honegger, Werner; and Burgi, Hanspeter, 4,539,470, Cl. 235-98.00B.
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  Meier, Jacques, 4,525,982, Cl. 53-430.000.
  Meier, Jacques, 4,528,798, Cl. 53-430.000.
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  Reist, Walter, 4,498,664, Cl. 271-204.000.
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  Staub, Samuel, 4,560,159, Cl. 271-263.000.
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Fergason, James L. Method and apparatus for converting phase-modulated light to amplitude-modulated light and communication method and apparatus employing the same. 4,540,243, 9-10-85, Cl. 350-337.000.
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Ferguson, Donald K., to Canadian General Electric Company Limited. Current transformer secondary voltage limiter. 4,538,202, 8-27-85, Cl. 361-124.000.
Ferguson, Douglas M.; Owens, William M.; Lang, Michael; and Lincoln, Jay P., to W. L. Gore & Associates, Inc. Multi-panel folder for surgical sutures. 4,496,045, 1-29-85, Cl. 206-63.300.
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Ferguson, Robert J., to Simpson Industries, Inc. Driveshaft coupling with elastomer damper. 4,551,115, 11-5-85, Cl. 464-83.000.
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  Chin, Roland L.; and Ferguson, Susan A., 4,522,886, Cl. 428-446.000.
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  Off, Joseph W. A.; and Ferguson, Vivian, 4,534,303, Cl. 112-114.000.
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Ferguson, Walter J., to Dresser Industries, Inc. Integral solid front gauge case for a pressure gauge. 4,545,256, 10-8-85, Cl. 73-738.000.
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  Auchapt, Pierre R.; and Ferlay, Aime J., 4,504,524, Cl. 427-230.000.
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Fermanich, Raymond J., to Barber-Colman Company. Transducer utilizing electrical and pneumatic signals. 4,532,951, 8-6-85, Cl. 137-84.000.
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- Fernald, Allen M.: *See—*
  - Barkis, Edward D.; Moore, Douglas G.; Fernald, Allen M.; and McClellan, Felton L., 4,557,958, Cl. 428-36.000.
- Fernand Flamand Ltee: *See—*
  - Boilard, Raynald, 4,509,294, Cl. 49-504.000.
- Fernandes, Vernon J.: *See—*
  - Cumberton, John; Foster, Alun E.; Rae, Alexander S.; Fernandes, Vernon J.; and Carter, Michael R., 4,493,082, Cl. 371-43.000.
- Fernandez, Douglas R.: *See—*
  - Brown, Robert J.; Fernandez, Douglas R.; and McGonigal, Charles, 4,539,748, Cl. 29-874.000.
- Fernandez, John E.; and LaRocca, William J., to Gulf & Western Manufacturing Company. Integrated console bracket. 4,545,467, 10-8-85, Cl. 192-4.00A.
- Fernandez, John E.: *See—*
  - Kwiatkowski, Keith A.; Fernandez, John E.; and LaRocca, William J., 4,541,300, Cl. 74-476.000.
- Fernandez, John J. Self-cleaning smog control filter for internal combustion engines. 4,561,409, 12-31-85, Cl. 123-572.000.
- Fernandez, Jose M.; and Bulcourt Carlos J. Pneumatic walking brace and operating system. 4,557,257, 12-10-85, Cl. 128-80.00G.
- Fernandez, Maria I. M.: *See—*
  - Zimmerman, Sheldon B.; Wilson, Kenneth E.; Monaghan, Richard L.; Del Val, Sagrario M.; Fernandez, Maria I. M.; Hensens, Otto D.; Flor, James E.; and Deriso, Cheryl, 4,545,991, Cl. 514-100.000.
- Fernandez, Ramon B.: *See—*
  - Lay, Khin M.; Palguta, Stephen E.; Fernandez, Ramon B.; and Cabalquinto, Santiago C., 4,501,037, Cl. 8-149.200.
  - Mullen, Charles K.; Shepherd, Gary D.; Fernandez, Ramon B.; and Bergren, Kenneth B., 4,507,272, Cl. 423-447.400.
- Fernbacher, John M.: *See—*
  - Santangelo, Joseph G.; and Fernbacher, John M., 4,512,403, Cl. 166-261.000.
- Fernie, Douglas P.: *See—*
  - Collins, Ian P.; and Fernie, Douglas P., 4,534,339, Cl. 128-6.000.
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- Ferns, Derek, to Selflevel Covers (Jersey) Limited. Manhole/access cover and frame assemblies. 4,498,804, 2-12-85, Cl. 404-25.000.
- Ferns, Derek, to Selflevel Covers (Jersey) Limited. Manhole/access cover and frame assemblies. 4,508,470, 4-2-85, Cl. 404-25.000.
- Ferns, Derek, to Selflevel Covers (Jersey) Limited. Frame members for supporting covers or gratings. 4,549,833, 10-29-85, Cl. 404-4.000.
- Fernsler, Ronald E.; and Vinekar, Sanjay R., to RCA Corporation. Television receiver having different receiver synchronizing characteristics in response to television signal. 4,536,794, 8-20-85, Cl. 358-158.000.
- Fernwood, George G.; and Burd, Samuel, to Bio-Rad Laboratories, Inc. Supporting and filtering biochemical test plate assembly. 4,493,815, 1-15-85, Cl. 422-101.000.
- Feroldi, Bruno, to Italimpianti Societa Italiana Impianti P.A. Method for eliminating the skid marks from workpieces heated in walking beam furnaces and walking beam furnace for performing the said method. 4,492,565, 1-8-85, Cl. 432-11.000.
- Ferrand, Claude: *See—*
  - Aubert, Daniel; Ferrand, Claude; and Maffrand, Jean-Pierre, 4,529,596, Cl. 514-231.000.
- Ferrand, Gerard; Dumas, Herve; Bayssat, Michel; and Depin, Jean-Claude, to Lipha, Lyonnaise Industrielle Pharmaceutique. Benzo- and thieno-triazine-1,2,3 ones-4. 4,552,878, 11-12-85, Cl. 514-243.000.
- Ferrand, Gerard: *See—*
  - Bayssat, Michel; Ferrand, Gerard; and Depin, Jean-Claude, 4,554,273, Cl. 514-221.000.
- Ferrand, Michel; and Durupt, Maurice, to Societe Anonyme Automobiles Peugeot; and Societe Anonyme Automobiles Citroen. Piston having valves for a damper. 4,497,394, 2-5-85, Cl. 188-322.150.
- Ferrando Gorin, Guido: *See—*
  - Barcellona, Alessandro; Ferrando Gorin, Guido; and Lausarot, Aldo, 4,498,496, Cl. 137-599.000.
- Ferrante, Mario, to Photomeca S.A. Tank for the treatment of offset plates by ultrasounds. 4,515,456, 5-7-85, Cl. 354-320.000.
- Ferrante, Mario, to Photomeca S.A. Developing light sensitive plates including use of ultrasonic waves. 4,521,092, 6-4-85, Cl. 354-320.000.
- Ferrante, Ronald A., to United States of America, Navy. Method of making near infrared polarizers. 4,514,479, 4-30-85, Cl. 430-2.000.
- Ferranti Limited: *See—*
  - Rogers, Douglas J., 4,524,347, Cl. 340-347.00P.
- Ferranti plc: *See—*
  - Brotherton, William A.; and Street, Kenneth, 4,520,427, Cl. 361-389.000.
  - English, Brian B.; and Gray, Hamish W. M., 4,500,876, Cl. 340-709.000.
  - Exeter, George M., 4,556,887, Cl. 343-8.000.
  - Maiden, Adrian J., 4,500,207, Cl. 356-409.000.
  - Morrison, John M., 4,538,177, Cl. 358-101.000.
  - Parker, John C., 4,547,677, Cl. 250-578.000.
  - Sillitto, Hillary G., 4,554,448, Cl. 250-216.000.
- Ferranto, John J. Drawing board assembly. 4,518,140, 5-21-85, Cl. 248-456.000.
- Ferrar, Carl M.: *See—*
  - Nighan, William L.; Wiegand, Walter J.; and Ferrar, Carl M., 4,549,109, Cl. 313-485.000.
- Ferrara, Daniel A., to Summagraphics Corporation. Easel. 4,546,948, 10-15-85, Cl. 248-454.000.
- Ferrara-Jordan, Elisa M.: *See—*
  - Anderson, Donald G.; and Ferrara-Jordan, Elisa M., 4,513,294, Cl. 346-33.0ME.
- Ferrara, Joseph J.: *See—*
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- Ferrari, Antonio. System for creating dams with mobile and/or partially mobile water-retaining elements. 4,493,587, 1-15-85, Cl. 405-114.000.
- Ferrari, Attilio: *See—*
  - Raspanti, Guiseppe; Fossati, Norberto; and Ferrari, Attilio, 4,530,950, Cl. 524-100.000.
- Ferrari, Gianpietro, to Honeywell Information Systems Italia. Step motor driving circuit. 4,506,207, 3-19-85, Cl. 318-696.000.
- Ferrari, Giorgio: *See—*
  - Vecchietti, Vittorio; Mussini, Emilio; and Ferrari, Giorgio, 4,507,307, Cl. 514-313.000.
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- Ferrari, Leonard A., to University of California, The Regents of the. Ultrasonic acoustic imaging apparatus. 4,543,826, 10-1-85, Cl. 73-602.000.
- Ferrari, Luigi M., to Del Laboratories, Inc. Container display package. 4,508,225, 4-2-85, Cl. 206-461.000.
- Ferraris, Carlo, to Santoni & Co. S.p.A. Circular knitting machine for hosiery articles. 4,492,097, 1-8-85, Cl. 66-108.00R.
- Ferraro, Charlotte L. Artificial nail mounting, reinforcement, and method. 4,511,608, 4-16-85, Cl. 428-15.000.
- Ferraro, Domenico: *See—*
  - Carbonaro, Antonio; and Ferraro, Domenico, 4,525,549, Cl. 526-92.000.
- Ferraro, Frank A.; and Byrne, David S., to Warner-Lambert Company. Disposable plastic razor. 4,535,537, 8-20-85, Cl. 30-32.000.
- Ferraro, Frank A.: *See—*
  - Kiraly, Ernest F.; and Ferraro, Frank A., 4,546,544, Cl. 30-90.000.
- Ferraro, Michael V. Detachable earmuffs for headsets. 4,546,215, 10-8-85, Cl. 179-156.00R.
- Ferraro, Thomas A. Jaw locking means for lathe chucks. 4,530,508, 7-23-85, Cl. 279-123.000.
- Ferraro, Thomas A., to Lock Jaws, Inc. Jaw locking mechanism for lathe chucks having a soft jaw, a master jaw and a key block. 4,556,228, 12-3-85, Cl. 279-1.0SJ.
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- Ferrato, Joseph P., to Crystaloid Electronics Company. Conductor for use in electro-optical displays. 4,516,836, 5-14-85, Cl. 350-336.000.
- Ferree, Herbert E.: *See—*
  - Norris, George W.; Kobuck, Richard M.; Varley, William J.; Jacobs, Arthur F.; and Ferree, Herbert E., 4,502,347, Cl. 74-447.000.
- Ferreira, Lloyd A.; and Mannheimer, Jeffrey S., to Biostim, Inc. Apparatus for demonstrating and/or teaching alleviation of pain with transcutaneous electrical nerve stimulators. 4,561,851, 12-31-85, Cl. 434-272.000.
- Ferreira, Robert: *See—*
  - Rice, Robert; and Ferreira, Robert, 4,491,349, Cl. 285-197.000.
- Ferrell, David R. Grounding wire clamping device. 4,533,102, 8-6-85, Cl. 248-74.100.
- Ferrell, Gary W.: *See—*
  - Palmer, David N.; and Ferrell, Gary W., 4,539,052, Cl. 148-6.240.
- Ferrell, James C., to Club Car, Inc. Choke assembly for golf cart. 4,539,162, 9-3-85, Cl. 261-1.000.
- Ferrell, Philip J.; Stern, Alan D.; and McFarland, Melvin D., to Boeing Company, The. Fault scoring and selection circuit and method for redundant system. 4,517,639, 5-14-85, Cl. 364-186.000.
- Ferrell, Robert A.; and Rebber, Richard G., to KCL Corporation. Apparatus and method for securing top ends of sack gussets. 4,534,752, 8-13-85, Cl. 493-213.000.
- Ferrell, Roscoe M.: *See—*
  - Casstevens, Arvil; Coble, William H.; Shields, Harper; Ferrell, Roscoe M.; and Jordan, Bobby R., 4,522,042, Cl. 66-140.00S.
- Ferrell-Ross, Inc.: *See—*
  - Wallace, William H., 4,526,682, Cl. 209-337.000.
- Ferrer Internacional, S.A.: *See—*
  - Forne, Ernesto; Foguet, Rafael; Sacristan, Aurelio; and Ortiz, Jose A., 4,535,159, Cl. 544-148.000.
- Ferrero, Daniele, to RIV-SKF Officine di Villar Perosa, SpA. Self adjusting hydraulic tappet for heat engines. 4,530,320, 7-23-85, Cl. 123-90.560.
- Ferrero, Giuseppe, to Fiat Auto S.p.A. Device for stopping and holding in the open position a sliding door on a vehicle. 4,500,121, 2-19-85, Cl. 292-79.000.
- Ferrero, Jaime: *See—*
  - Johnson, William K.; and Ferrero, Jaime, 4,503,292, Cl. 179-178.000.
- Ferrero S.p.A.: *See—*
  - Cillario, Lorenzo, 4,510,735, Cl. 53-464.000.
  - Cillario, Lorenzo, 4,538,731, Cl. 206-540.000.
- Ferretti, August, to Du Pont de Nemours, E. I., and Company. Process for spheroidal BaFCl:Eu phosphor particles. 4,524,016, 6-18-85, Cl. 252-301.40H.
- Ferri, Mario: *See—*
  - Mercati, Giorgio; Mariano, Armando; Pertot, Fulvio; Glionna, Antonio; and Ferri, Mario, 4,517,355, Cl. 528-287.000.
- Ferrieri, John, to Boeing Company, The. Method and apparatus for lifting a block. 4,557,513, 12-10-85, Cl. 294-1.100.

- Ferrigni, Donato. Interchangeable tiles puzzle. 4,493,487, 1-15-85, Cl. 273-153.00S.
- Ferring AB: *See—*
  - Melin, Per O. R.; and Trojnar, Jerzy A., 4,504,469, Cl. 514-11.000.
- Ferring Arzneimittel GmbH: *See—*
  - Horig, Joachim; and Schultheiss, Hartmut, 4,501,733, Cl. 514-17.000.
- Ferrini, Pier G.; Rossi, Alberto; and Haas, Georges, to Ciba-Geigy Corporation. Substituted anthranilamides and pharmaceutical preparations containing these compounds. 4,505,913, 3-19-85, Cl. 514-183.000.
- Ferrini, Pier G.: *See—*
  - Haas, Georges; von Sprecher, Andreas; and Ferrini, Pier G., 4,523,030, Cl. 562-460.000.
- Ferrio, Linda J.: *See—*
  - Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,495,592, Cl. 364-754.000.
  - Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,519,045, Cl. 364-709.000.
  - Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,521,868, Cl. 364-753.000.
- Ferris, Ernest A.; and McColl, John W., to Borg-Warner Corporation. Hydraulically actuated starting clutch assembly. 4,520,912, 6-4-85, Cl. 192-85.0AA.
- Ferris Manufacturing Corp.: *See—*
  - Sessions, Robert W., 4,516,581, Cl. 128-639.000.
- Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Board game with a common piece having a spinner. 4,498,674, 2-12-85, Cl. 273-243.000.
- Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Board game with reversible secondary pieces. 4,534,566, 8-13-85, Cl. 273-248.000.
- Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Board game with chance device playing piece. 4,534,567, 8-13-85, Cl. 273-255.000.
- Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Board game utilizing articulated playing pieces. 4,544,162, 10-1-85, Cl. 273-242.000.
- Ferris, Michael J.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Board racing game. 4,550,917, 11-5-85, Cl. 273-246.000.
- Ferris, Richard A.; Hess, Roger M.; and Garman, James R., to Commercial Modular Systems, Inc. Security enclosure for an automatic teller machine. 4,497,261, 2-5-85, Cl. 109-2.000.
- Ferro, Berkeley M.; and Walker, Aubrey D., to Post Office, The. Identification matter. 4,500,116, 2-19-85, Cl. 283-92.000.
- Ferro Corporation: *See—*
  - Wilson, James M., 4,500,942, Cl. 361-320.000.
- Ferro, Francesco; and Franci, Giosue , to Officine Savio S.p.A. Device to piece-up yarn and doff yarn packages on open-end spinning machines. 4,539,803, 9-10-85, Cl. 57-263.000.
- Ferro, Gregory A.: *See—*
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  - Lee, Raymond; Sorathia, Usman A. K.; and Ferro, Gregory A., 4,535,101, Cl. 521-189.000.
  - Lee, Raymond; Okey, David W.; and Ferro, Gregory A., 4,539,342, Cl. 521-189.000.
  - Lee, Raymond; Ferro, Gregory A.; and Okey, David W., 4,562,112, Cl. 428-318.600.
- Ferro Manufacturing Corporation: *See—*
  - Fudala, Chester S., 4,521,055, Cl. 297-362.000.
- Ferrofluidics Corporation: *See—*
  - Gowda, Hanumaiah L.; and Raj, Kuldip, 4,502,700, Cl. 277-80.000.
  - Gowda, Hanumaiah L.; and Raj, Kuldip, 4,527,805, Cl. 277-80.000.
  - Higgins, Donald W., 4,545,587, Cl. 277-80.000.
  - Raj, Kuldip, 4,506,895, Cl. 277-1.000.
  - Raj, Kuldip, 4,526,379, Cl. 277-80.000.
  - Raj, Kuldip; and Gowda, Hanumaiah L., 4,526,380, Cl. 277-80.000.
  - Raj, Kuldip; and Gowda, Hanumaiah L., 4,526,382, Cl. 277-80.000.
  - Raj, Kuldip, 4,531,846, Cl. 384-478.000.
  - Stahl, Philip; Fuller, Dudley D.; and Rippel, Harry C., 4,526,484, Cl. 384-133.000.
- Ferron, Ernest. Wind instrument with adjustable tone. 4,515,060, 5-7-85, Cl. 84-380.00R.
- Ferron, Ernest, to Etablissement E. Ferron. Trumpet with improved tone. 4,515,061, 5-7-85, Cl. 84-394.000.
- Ferron, Ernest J. Obturator for flute designed to improve the emission of certain notes. 4,499,810, 2-19-85, Cl. 84-384.000.
- Ferroni, Stephan: *See—*
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- Ferronniere, Michel; and Cros, Yves, to Zodiac. Pneumatic boats of the inflatable-deflatable type. 4,545,319, 10-8-85, Cl. 114-345.000.
- Ferroplast Gesellschaft fur Metall- und Kunststoffepzeucnisse mbH: *See—*
  - Schlimbach, Heinrich, 4,493,593, Cl. 406-146.000.
- Ferruzzi, Claudio, to Industrie Metaimeccaniche Perugia I.M.P. S.p.A. Machine for the encipherment of keys. 4,545,709, 10-8-85, Cl. 409-83.000.
- Ferry, David K.: *See—*
  - Iafrate, Gerald J.; Aucoin, Thomas A.; and Ferry, David K., 4,503,447, Cl. 357-16.000.
- Ferry, Jean-Claude: *See—*
  - Capdeboscq, Andre; and Ferry, Jean-Claude, 4,494,602, Cl. 166-65.00R.
- Ferry, John D.: *See—*
  - Muller, Michael F.; and Ferry, John D., 4,548,736, Cl. 252-315.100.
- Ferry, Michel F.: *See—*
  - Ballatore, Daniel; Bonnet, Yves A.; Ferry, Michel F.; and Jacquart, Christian A., 4,538,032, Cl. 179-170.00D.
- Ferry, Michel F. M. S.; and Trehin, Jacques L., to International Business Machines Corporation. DC power supply circuit for line interface circuits. 4,562,525, 12-31-85, Cl. 363-45.000.
- Ferry, William R.: *See—*
  - Parent, Christopher A.; and Ferry, William R., 4,531,314, Cl. 40-119.000.
- Ferster, Reuben I. Peristaltic pump structure. 4,548,553, 10-22-85, Cl. 417-477.000.
- Fertier, Marcel; and Cuny, Bernard G., to Games. Device enabling a load to be braked and/or held, notably an anti-fall safety device. 4,531,610, 7-30-85, Cl. 182-5.000.
- Fertility & Genetics Associates: *See—*
  - Louw, John A., 4,533,345, Cl. 604-43.000.
- Fertl, Walter H., to Dresser Industries, Inc. Determination of water saturation in earth formations independent of lithology. 4,494,071, 1-15-85, Cl. 324-338.000.
- Fertl, Walter H.: *See—*
  - Oliver, Donald W.; and Fertl, Walter H., 4,507,553, Cl. 250-270.000.
- Ferton, Daniel; and Mace, Robert, to Cegedur Societe de Transformation de l'Aluminium Pechiney. Process for improving both fatigue strength and toughness of high-strength Al alloys. 4,511,409, 4-16-85, Cl. 148-2.000.
- Ferziger, Daniel; and Lippman, Jerry, to Ferziger, Daniel. Coated fabric and mattress ticking. 4,526,830, 7-2-85, Cl. 428-268.000.
- Fesenko, Evgeny P.: *See—*
  - Sominin, Mikhail A.; Surikov, Valery N.; Belokopytov, Jury A.; and Fesenko, Evgeny P., 4,545,008, Cl. 364-148.000.
- Fesler, Ethel L. Portable towel accessory. 4,516,616, 5-14-85, Cl. 150-52.00R.
- Fesman, Gerald, to Stauffer Chemical Company. Intumescent flexible polyurethane foam. 4,514,524, 4-30-85, Cl. 521-107.000.
- Fesman, Gerald, to Stauffer Chemical Company. Filled or extended polyurethane foam containing polyethylene glycol softening agent. 4,544,678, 10-1-85, Cl. 521-107.000.
- Fesman, Gerald: *See—*
  - Jacobs, Barry A.; and Fesman, Gerald, 4,535,096, Cl. 521-107.000.
- Fester, Walter; Huber, Bernd; and Wappes, Lieselotte, to Hoechst Aktiengesellschaft. Process for preparing acrylic filaments and fibers. 4,507,257, 3-26-85, Cl. 264-78.000.
- Fester, Walter; and Huber, Bernd, to Hoechst Aktiengesellschaft. Processes for preparing thermostable fibers and filaments. 4,524,041, 6-18-85, Cl. 264-182.000.
- Fester, Walter; and Huber, Bernd, to Hoechst Aktiengesellschaft. Process for production of set polyacrylonitrile filaments and fibers. 4,536,363, 8-20-85, Cl. 264-182.000.
- Fetcenko, Michael A.: *See—*
  - Sapru, Krishna; Hong, Kuochih; Fetcenko, Michael A.; and Venkatesan, Srinivasan, 4,551,400, Cl. 429-94.000.
- Feterl, Leon G., to Core Industries, Inc. Swingably mounted truck hopper. 4,553,898, 11-19-85, Cl. 414-573.000.
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- Fetsch, Elisabeth: *See—*
  - Geissler, Ulrich; Herwig, Walter; and Fetsch, Elisabeth, 4,495,271, Cl. 430-277.000.
- Fett, E. Reinold: *See—*
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- Fetter, Jozsef: *See—*
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  - Gettig, William A.; and Fetterolf, Gerald S., 4,534,763, Cl. 604-239.000.
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  - Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., 4,545,415, Cl. 152-209.00R.
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  - Feenstra, David D.; Fey, Robert L.; and Goin, Cheryl A., 4,523,615, Cl. 141-1.000.
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  - Joyce, Hardin, Jr., 4,552,238, Cl. 180-139.000.
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  - Ausiello, Francesco P., 4,527,071, Cl. 290-4.00R.
  - Barbero, Mario, 4,553,354, Cl. 49-431.000.
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  - Boccalatte, Vitale, 4,512,869, Cl. 204-300.0EC.
  - Burgio di Aragona, Antonio, 4,505,187, Cl. 92-31.000.
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  - Di Nunzio, Vittorio, 4,544,909, Cl. 340-52.00R.
  - Dotti, Giulio; and Roggero, Bruno, 4,527,592, Cl. 137-625.610.
  - Ferrero, Giuseppe, 4,500,121, Cl. 292-79.000.
  - Filtri, Giorgio, 4,534,329, Cl. 123-383.000.
  - Iacoponi, Stefano; and Di Nunzio, Vittorio, 4,499,410, Cl. 318-444.000.
  - Lombardi, Claudio, 4,538,574, Cl. 123-432.000.
  - Lucchini, Giuseppe, 4,557,144, Cl. 73-313.000.
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  - Parisi, Ettore, 4,547,007, Cl. 292-84.000.
  - Parma, Giovanni; and Bartolomucci, Francesco, 4,527,739, Cl. 239-186.000.
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  - Racca, Carlo, 4,543,746, Cl. 49-118.000.
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  - Paradis, Robert C., 4,553,276, Cl. 4-612.000.
  - Walsh, Thomas J.; Bachman, Robert; and Aderhold, Ronald, 4,496,125, Cl. 248-188.000.
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  - Soled, Stuart L.; and Fiato, Rocco A., 4,518,707, Cl. 502-174.000.
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  - Nash, Ronald S.; and Cash, L. Dale, 4,557,021, Cl. 19-80.00R.
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  - Ek, Bo R., 4,506,834, Cl. 241-1.000.
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  - Meeker, Brian L.; Ferguson, John W.; and Werner, Henry G., 4,517,236, Cl. 428-192.000.
- Fiber Materials, Inc.: *See—*
  - Pepper, Roger T.; Nelson, Daniel C.; and Lewing, Douglas S., 4,526,770, Cl. 423-447.400.
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  - Blackmore, Phillip W., 4,555,017, Cl. 206-83.500.
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Schonhaar, Werner W.; Wallace, Keith; and Dickson, Tim R., 4,541,854, Cl. 65-15.000.

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Anders, Peter; and Schierling, Bernhard, 4,493,673, Cl. 464-66.000.
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Link, Achim, 4,540,079, Cl. 192-109.00R.
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Dlugopolski, Joseph, 4,560,102, Cl. 229-40.000.

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Burrows, Aubrey L.; Mabley, Paul B.; and Field, Steven J., 4,511,366, Cl. 44-53.000.

Field, Thomas R.; Hughes, Frank M.; Shakib, Iraj D.; and Vitek, Edward J., Jr., to International Business Machines Corporation. Solenoid actuated pivotal printer hammer mechanism. 4,525,086, 6-25-85, Cl. 400-144.200.

Field, William J. Marine speedometer anti-fouling device. 4,501,288, 2-26-85, Cl. 137-240.000.

Fieldcrest Mills, Inc. *See—*
- Pharr, Roy E., 4,526,209, Cl. 139-46.000.

Fielden, John S., to South Eastern Electricity Board. Methods of and apparatus for converting an analogue voltage to a digital representation. 4,558,303, 12-10-85, Cl. 340-347.0AD.

Fielder, William V. B., Jr., to Roper Corporation. Venetian blind assembly with improved ladder supporting tilt drums. 4,494,593, 1-22-85, Cl. 160-177.000.

Fieldhouse, John W. *See—*
- Maglio, Ralph A., and Fieldhouse, John W., 4,521,479, Cl. 428-326.000.

Fieldhouse, Raymond, to Lloyd Matheson, Inc. Key forming machine. 4,526,498, 7-2-85, Cl. 409-82.000.

Fielding, Herbert L., and Ingwall, Richard T., to Polaroid Corporation. Stabilization of holograms. 4,535,041, 8-13-85, Cl. 430-1.000.

Fielding, Lawrence E., to United States of America, Air Force. Loading dolly. 4,538,792, 9-3-85, Cl. 254-8.00R.

Fielding, Randy L., to Christy Machine Company. Material dispensing machine. 4,498,635, 2-12-85, Cl. 241-94.000.

Fielding, Verl. *See—*
- Galloway, Donald, 4,511,155, Cl. 280-204.000.

Fields, Ellis K., to Standard Oil Company (Indiana). 3-sulfoxy-1,2-propylene glycols-1-esters of tricyclo (4.2.2.0^{2,5}) dec-9-ene-3,4,7,8-tetracarboxylic acid. 4,506,093, 3-19-85, Cl. 560-117.000.

Fields, Ellis K., to Standard Oil Company (Indiana). Carbamates of beta-hydroxyethylsulfoxides. 4,511,730, 4-16-85, Cl. 560-033.000.

Fields, Ellis K., and Winzenburg, Mark L., to Standard Oil Company (Indiana). Halomethyl, methyl maleic anhydride and synthesis of bromomethyl, methyl maleic anhydride. 4,526,986, 7-2-85, Cl. 549-254.000.

Fields, Ellis K., to Standard Oil Company (Indiana). 3-sulfoxy-1,2-propylene glycols-1-esters of tricyclo (4.2.2.0^{2,5}) dec-9-ene-3,4,7,8-tetracarboxylic acid. 4,533,478, 8-6-85, Cl. 252-8.55D.

Fields, Ellis K., to Standard Oil Company (Indiana). Phosphites and phosphates of 3-sulfoxy-1,2-propylene glycols. 4,540,527, 9-10-85, Cl. 260-949.000.

Fields, Ellis K., to Standard Oil Company, The. Carbamates of beta-hydroxyethylsulfoxides. 4,555,350, 11-26-85, Cl. 252-8.55D.

Fields, Ellis K., and Winzenburg, Mark L., to Standard Oil Company (Indiana). Quaternary ammonium compounds containing an anhydride group. 4,560,761, 12-24-85, Cl. 546-283.000.

Fields, Ellis K. *See—*
- Nimry, Tayseer S., and Fields, Ellis K., 4,507,186, Cl. 204-158.00R.
- Nimry, Tayseer S., and Fields, Ellis K., 4,508,605, Cl. 204-158.00R.
- Winzenburg, Mark L., Fields, Ellis K., and Shneider, Benjamin L., 4,536,560, Cl. 528-188.000.

Fields, F. Herbert. GO game employing hexagonally shaped spaces. 4,555,116, 11-26-85, Cl. 273-236.000.

Fields, Gary C., and Long, Gary E., to Remote Switch Systems, Inc. Remote cable switching system. 4,520,234, 5-28-85, Cl. 179-2.00A.

Fields, Gerald S., to Champion Laboratories, Inc. Two stage filter. 4,557,829, 12-10-85, Cl. 210-132.000.

Fields, Harold L. *See—*
- Eytcheson, Charles T., Lutz, Phillip A., and Fields, Harold L., 4,490,902, Cl. 29-588.000.

Fields, Larry D., to Yardney Corporation. Filter screen device. 4,495,072, 1-22-85, Cl. 210-238.000.

Fields, Larry R., and Kendrick, George B., to GTE Products Corporation. Multiple filament lamp having wire grid to provide filament redundancy. 4,553,066, 11-12-85, Cl. 313-580.000.

Fields, Leland S. Router jointing fixture. 4,561,478, 12-31-85, Cl. 144-144.00R.

Fields, Melvin C., and Fields, Paul F., to Process Supply Company, Inc. Portable facility for processing granulated sugar into liquid sucrose and invert sugar. 4,526,621, 7-2-85, Cl. 127-1.000.

Fields, Paul F. *See—*
- Fields, Melvin C., and Fields, Paul F., 4,526,621, Cl. 127-1.000.

Fields, Richard P. *See—*
- Bunker, James E., and Fields, Richard P., 4,544,467, Cl. 204-159.240.

Fields, Robert J. Perforated reinforcing strip for use with continuous forms. 4,525,399, 6-25-85, Cl. 428-43.000.

Fields, Robert J. Device for introducing forms into a computer printer. 4,529,227, 7-16-85, Cl. 282-5.000.

Fields, Stanley R., to United States of America, Energy. Container for radioactive materials. 4,535,250, 8-13-85, Cl. 250-507.100.

Fields, Thomas L. *See—*
- Lang, Stanley A., Jr., Fields, Thomas L., Wilkinson, Raymond G., Kang, Soon M., and Lin, Yang-I, 4,532,349, Cl. 564-194.000.

Fields, Willie M., to Mead Corporation, The. Apparatus for feeding from a hopper and for setting up collapsed article carriers. 4,512,756, 4-23-85, Cl. 493-312.000.

Fieldus, Geoffrey H., to British Aerospace Public Limited Company. Valve arrangements for propulsive fluid. 4,492,340, 1-8-85, Cl. 239-265.250.

Fierkens, Richardus H. J., and Pas, Ireneus J. T. M., to ASM Fico Tooling, b.v. Method and apparatus for mold cleaning by reverse sputtering. 4,534,921, 8-13-85, Cl. 264-39.000.

Fierkens, Richardus H. J., and Pas, Ireneus J. T. M., to ASM Fico Tooling, b.v. Method and apparatus for touch-free lead bending. 4,553,420, 11-19-85, Cl. 72-380.000.

Fievet, Fernand. *See—*
- Figlarz, Michel, Fievet, Fernand, and Lagier, Jean-Pierre, 4,539,041, Cl. 75-0.50A.

Fife Corporation. *See—*
- Shelton, John J., 4,507,073, Cl. 425-466.000.

Fife, James A., to Cabot Corporation. Method for producing fiber-shaped tantalum powder and the powder produced thereby. 4,502,884, 3-5-85, Cl. 75-0.5AB.

Fife, Michael J., Diaz, Paul T., and Dietz, Dennis R., to Technicare Corporation. Ultrasonic diagnostic imaging systems for varying depths of field. 4,534,221, 8-13-85, Cl. 73-626.000.

Fifolt, Michael J., to Occidental Chemical Corporation. Continuous process for preparing bisfluoroxydifluoromethane. 4,499,024, 2-12-85, Cl. 260-453.00R.

Fifolt, Michael J., and Foster, Arthur M., to Occidental Chemical Corporation. Method for the preparation of fluoroanthranilic acids. 4,521,616, 6-4-85, Cl. 562-456.000.

Fifolt, Michael J., and Forcucci, John, to Occidental Chemical Corporation. Non-flammable hydraulic fluids. 4,528,109, 7-9-85, Cl. 252-78.100.

Fifolt, Michael J. *See—*
- Campbell, Donald H., Fifolt, Michael J., and Saran, Mohan S., 4,533,762, Cl. 568-677.000.

Figari, Alberto A. Contact lens carrying case with magnifying aid apparatus. 4,545,479, 10-8-85, Cl. 206-5.100.

Figge, Dieter, Siemer, Hans, Artz, Gerd, and Philipp, Clemens, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Feeding device for introducing molten steel into twin-belt casters and mode of operation of such a feed device. 4,544,018, 10-1-85, Cl. 164-481.000.

Figge, Dieter. *See—*
- Artz, Gerd, Figge, Dieter, Hoster, Thomas, and Philipp, Clemens, 4,502,526, Cl. 164-415.000.
- Artz, Gerd, Figge, Dieter, and Philipp, Clemens, 4,510,990, Cl. 164-431.000.
- Artz, Gerd, Figge, Dieter, Hoster, Thomas, and Potschke, Jurgen, 4,553,582, Cl. 164-432.000.

Figgie, Harry E., III, and Figgie, Matthew P., to Figgie International Inc. Knee pad. 4,490,855, 1-1-85, Cl. 2-24.000.

Figgie International Inc. *See—*
- Ackley, Mark W., and Szafranski, Brian D., 4,543,112, Cl. 55-316.000.
- Ackley, Mark W., and Szafranski, Brian D., 4,548,626, Cl. 55-316.000.
- Ansite, William K., 4,494,538, Cl. 128-205.250.
- Ansite, William K., 4,506,667, Cl. 128-204.250.
- Ansite, William K., and Ryder, James H., 4,522,639, Cl. 55-314.000.
- Aoki, Akio, 4,527,287, Cl. 2-19.000.
- Figgie, Harry E., III, and Figgie, Matthew P., 4,490,855, Cl. 2-24.000.
- Goodell, Daniel L., 4,507,905, Cl. 53-262.000.
- Johnson, Peter A., 4,556,143, Cl. 198-841.000.
- Karlsen, Stig, 4,493,394, Cl. 182-179.000.
- McGill, Robert W., and Robinson, Chris E., 4,534,157, Cl. 53-531.000.
- McGill, Robert W., and Winiasz, Michael E., 4,541,524, Cl. 198-470.100.
- Mitchell, Hal D., Glover, Richard W., Walker, Donald R., and Rosenberg, Isadore, 4,534,068, Cl. 2-414.000.
- Mitchell, Hal D., Glover, Richard W., Walker, Donald R., and Rosenberg, Isadore, 4,558,470, Cl. 2-414.000.
- Robinson, Chris E., 4,522,014, Cl. 53-382.000.
- Robinson, Mary K., and Probst, Timothy F., 4,512,134, Cl. 53-248.000.
- Rockerath, John L., and Blust, Dale K., 4,545,544, Cl. 242-55.000.
- Rosenberg, Isadore, and Ansite, William K., 4,550,044, Cl. 428-101.000.
- Vicenzi, Reno L., 4,537,189, Cl. 128-202.130.
- Young, Jorge A., and Khandwala, Bhupendra J., 4,538,056, Cl. 235-377.000.
- Young, Jorge A., and Khandwala, Bhupendra J., 4,544,832, Cl. 235-377.000.

Figgie, Matthew P. *See—*
- Figgie, Harry E., III, and Figgie, Matthew P., 4,490,855, Cl. 2-24.000.

Fights, Michael L., and Jones, William E., to Ball Corporation. Spray apparatus with self cleaning nozzle. 4,555,416, 11-26-85, Cl. 427-248.100.

Figini, Mario, to Ing. C. Olivetti & C., S.p.A. Electronic typewriter with means for positioning the typed member. 4,497,589, 2-5-85, Cl. 400-706.000.

Figini, Mario. *See—*
- Demonte, Filippo, and Figini, Mario, 4,553,866, Cl. 400-144.200.
- Demonte, Filippo, and Figini, Mario, 4,500,216, Cl. 400-8.000.

Figlarz, Michel, Fievet, Fernand, and Lagier, Jean-Pierre, to Universite Paris VII. Process for the reduction of metallic compounds by polyols, and metallic powders obtained by this process. 4,539,041, 9-3-85, Cl. 75-0.50A.

Figueredo, Fernando F. *See—*
- Valdes, Guillermo A., Figueredo, Fernando F., Pacheco, Benjamin G., and Framil, Armando, 4,501,310, Cl. 144-34.00R.
- Valdes, Guillermo A., Pacheco, Benjamin G., Figueredo, Fernando F., and Framil, Armando, 4,518,022, Cl. 30-166.00R.

Figueroa, Alberto A. Stove. 4,502,464, 3-5-85, Cl. 126-163.00R.

Figueroa, Carlos A. Commodities trading games of skill and chance. 4,538,816, 9-3-85, Cl. 273-256.000.

Figueroa, Luisito A. Light reflector. 4,499,529, 2-12-85, Cl. 362-283.000.

Figuet, Jacques. *See—*
- Brachet, Alain, Figuet, Jacques, Guidez, Joel, and Lions, Noel, 4,519,976, Cl. 376-307.000.

- Fihey, Jean-Luc: *See—*
  - Boillot, Jean-Paul; Begin, Ghislain; Alexandrov, N.; Fihey, Jean-Luc; Di Vincenzo, A.; and Villemure, Denis, 4,532,404, Cl. 219-124.340.
- Fike, Louis T., to Ohio Machine Company, Inc. Universal tubeless tire curing apparatus. 4,529,367, 7-16-85, Cl. 425-17.000.
- Fike Metal Products Corporation: *See—*
  - DeGood, Robert L.; and Malcolm, Eddie R., 4,512,491, Cl. 220-89.00A.
  - Hinrichs, James O., 4,505,180, Cl. 89-8.000.
- Fikentscher, Rolf: *See—*
  - Oppenlaender, Knut; Fikentscher, Rolf; Buettner, Egon; Slotman, Wilhelmus; Schwartz, Erich; and Mohr, Rudolf, 4,537,701, Cl. 252-344.000.
- Fikes, Robert W.: *See—*
  - Dickerson, Douglas M.; and Fikes, Robert W., 4,533,439, Cl. 201-41.000.
- Fikse, Douglas A., to Westinghouse Electric Corp. Recoilless electromagnetic projectile launcher. 4,527,457, 7-9-85, Cl. 89-8.000.
- Filary, Gerard: *See—*
  - Le Pargneux, Jacques; Bonnamour, Michel; and Filary, Gerard, 4,558,504, Cl. 29-452.000.
- Filatov, Nikolai I.: *See—*
  - Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.
- Filatov, Nikolai Y.: *See—*
  - Musin, Rafail M.; Gryaznov, Mikhail I.; Timofeev, Dmitry A.; Filatov, Nikolai Y.; and Andreeva, Tamara S., 4,541,070, Cl. 364-900.000.
- Filatov, Vladimir N.: *See—*
  - Markov, Vladimir A.; Filatov, Vladimir N.; Kernasovsky, Ilya S.; and Gorina, Ljudmila V., 4,515,254, Cl. 188-371.000.
- Filatovs, George J.; and McGinness, John E., to MB-80 Energy Corporation. Electrical energy storage. 4,504,557, 3-12-85, Cl. 429-192.000.
- Filbert, Walter H.: *See—*
  - Rufer, Rosalyn J.; and Filbert, Walter H., 4,536,553, Cl. 525-106.000.
- Filbey, Allen H.; Braxton, Henry G., Jr.; and Meltsner, Bernard R., to Ethyl Corporation. Chemical process for preparing di-ortho benzyl phenols. 4,514,577, 4-30-85, Cl. 568-744.000.
- Filbey, Allen H.: *See—*
  - Lucast, Donald H.; Shubkin, Ronald L.; Filbey, Allen H.; and Wollensak, John C., 4,526,905, Cl. 521-51.000.
- Filby, John E., to Petro-Canada Exploration, Inc. Azeotropic dehydration process for treating bituminous froth. 4,514,305, 4-30-85, Cl. 210-703.000.
- Filderman, Rene; and Pilache, Michel, to Valeo. Belt and pulley transmission. 4,525,159, 6-25-85, Cl. 474-201.000.
- Files, James H.; and Montague, John M., to La Salle Marine, Inc. Replaceable marine fender mechanism. 4,548,151, 10-22-85, Cl. 114-219.000.
- Filges, Ralf: *See—*
  - Klotmann, Fred; and Filges, Ralf, 4,511,266, Cl. 384-441.000.
  - Ramesohl, Hubert; Seelen, Fritz; Filges, Ralf; Schroder, Karlheinz; and Veiser, Elmar, 4,508,503, Cl. 432-109.000.
- Filidei, Nilo R. Camera filter holders. 4,504,140, 3-12-85, Cl. 355-71.000.
- Filimonovna, Ljudmila Y.: *See—*
  - Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.
- Filion, Gilles: *See—*
  - Pelletier, Jean; Filion, Gilles; and Potvin, Clement, 4,540,032, Cl. 144-3.00D.
- Filipi, Charles J. Expandable anvil surgical stapler. 4,505,414, 3-19-85, Cl. 227-19.000.
- Filipiak, Stanley E.: *See—*
  - Shedore, Charles; and Filipiak, Stanley E., 4,535,210, Cl. 200-340.000.
- Filipot, Hermann: *See—*
  - Schrofelbauer, Herbert; Kakl, Josef; Staudinger, Gernot; and Filipot, Hermann, 4,509,436, Cl. 110-345.000.
- Filipov, Andree N.: *See—*
  - Casseday, Michael W.; Berg, Norman J.; and Filipov, Andree N., 4,558,925, Cl. 350-358.000.
- Filipowicz, Anthony H.: *See—*
  - Rubin, Gene L.; Filipowicz, Anthony H.; and Valenza, Frank, 4,553,344, Cl. 40-152.000.
- Filippini, Andrea; and Carobbi, Renato, to Sirac S.p.A. Stable boron resins of high selective absorbent power. 4,506,036, 3-19-85, Cl. 521-53.000.
- Filippini, Andrea; and Carobbi, Renato, to Sirac S.p.A. Process for preparing alpha-L-aspartyl-L-phenylalanine alkyl esters. 4,539,147, 9-3-85, Cl. 260-112.50R.
- Filippini, Andrea; and Carobbi, Renato, to Sirac S.p.A. Stable boron resins of high selective absorbent power. 4,542,161, 9-17-85, Cl. 521-53.000.
- Filippov, Jury I.: *See—*
  - Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
- Fill, Ernst: *See—*
  - Witte, Klaus J.; Fill, Ernst; and Scrlac, Walter, 4,514,848, Cl. 372-25.000.
- Fillard, Jean P.: *See—*
  - Gasiot, Jean-Pierre; Braunlich, Peter F.; and Fillard, Jean P., 4,507,562, Cl. 250-484.100.
- Fillard, Jean-Pierre: *See—*
  - Gasiot, Jean; Braunlich, Peter F.; and Fillard, Jean-Pierre, 4,517,463, Cl. 250-327.200.
- Filley, Daniel E.: *See—*
  - Cooper, Merton G.; Kerns, William R.; Filley, Daniel E.; and Koschnick, Gary A., 4,509,549, Cl. 137-327.000.
- Filley, Giles F., and Kindig, Neal B., to Webb-Waring Lung Institute. Composition and method for treating mammalian acidosis. 4,548,817, 10-22-85, Cl. 424-127.000.
- Filliman, Mark D.: *See—*
  - Granzow, Robert H.; Gupta, Desh B.; Myers, Kimbrough I.; and Filliman, Mark D., 4,521,008, Cl. 271-3.000.
- Filliman, Paul, to RCA Corporation. Signal sampling network with reduced offset error. 4,502,079, 2-26-85, Cl. 358-243.000.
- Filliman, Paul, to RCA Corporation. Switching network with suppressed switching transients. 4,513,322, 4-23-85, Cl. 358-181.000.
- Fillion, Jean-Claude, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Device for measurement of amplitude and angular position of an untrue running in a revolving system. 4,510,809, 4-16-85, Cl. 73-457.000.
- Fillman, Russell E., to Woodford Manufacturing Company. Wall hydrant. 4,532,954, 8-6-85, Cl. 137-302.000.
- Fillmann, Werner, to Battenfeld Maschinenfabriken GmbH. Molded composite polymeric body with anti-static properties and process for making same. 4,542,054, 9-17-85, Cl. 428-68.000.
- Fillod, Maurice; and Larriere, Jean-Francois, to Flonic S.A. Secure coin collection device for pre-payment machine. 4,545,475, 10-8-85, Cl. 194-1.00B.
- Fillpro Products, Inc.: *See—*
  - Johnson, Dwight N., 4,499,616, Cl. 4-393.000.
- Film Cooling Towers Limited: *See—*
  - Jones, Bryan E.; and Kunesch, Anthony M., 4,512,938, Cl. 261-112.000.
- Filmer, Dierk: *See—*
  - Sawatzki, Harry L.; Koller, Markus; and Schaedler, Hansjorg, 4,538,301, Cl. 2-2.000.
- Filmosto-Projektion Johannes Jost GmbH & Co.: *See—*
  - Klose, Odo; and Jost, Jochen, 4,532,727, Cl. 40-152.000.
- Filreis, Manuel: *See—*
  - Sorlien, Mark D.; and Filreis, Manuel, 4,561,708, Cl. 339-14.00L.
- Filshtinsky, Michael: *See—*
  - Aumann, James T.; and Filshtinsky, Michael, 4,512,423, Cl. 175-226.000.
- Filter, Reinhard; and Stonkus, Donald J. Loadbreak bushing and snuffer/contact assembly therefor. 4,516,823, 5-14-85, Cl. 339-111.000.
- Filtertek, Inc.: *See—*
  - Leason, Hayden L., 4,547,190, Cl. 604-185.000.
- Filterwerk Mann & Hummel GmbH: *See—*
  - Erdmannsdorfer, Hans; Wagner, Manfred; Numrich, Rudi; and Weyh, Gerd, 4,516,990, Cl. 55-96.000.
  - Poldner, Erich, 4,552,283, Cl. 220-304.000.
- Filtri, Giorgio, to Fiat Auto S.p.A. Supply system for super charged diesel engines. 4,534,329, 8-13-85, Cl. 123-383.000.
- Filzinger, Klaus: *See—*
  - Fuchs, Hermann; and Filzinger, Klaus, 4,534,908, Cl. 260-458.00C.
- Finamex Finance Corporation: *See—*
  - Hubeau, Jean-Pierre, 4,503,011, Cl. 422-73.000.
- Finamore, Paul V. Hairpiece and method of making same. 4,517,999, 5-21-85, Cl. 132-53.000.
- Finan, Michael; Finan, Peter; and Divilly, Michael, to Ballintubber Enterprises Limited. Apparatus for harvesting peat. 4,495,716, 1-29-85, Cl. 37-3.000.
- Finan, Michael, to Ballintubber Enterprises Limited. Peat extrusion apparatus. 4,541,834, 9-17-85, Cl. 44-30.000.
- Finan, Michael A.: *See—*
  - Howard, Donald K.; Finan, Michael A.; and Lees, Michael J., 4,559,214, Cl. 423-430.000.
- Finan, Peter: *See—*
  - Finan, Michael; Finan, Peter; and Divilly, Michael, 4,495,716, Cl. 37-3.000.
- Finast Marking Supplies Inc.: *See—*
  - Scrudato, Frederick, 4,556,012, Cl. 118-268.000.
- Finch, Charles R.; Wallace, Leslie E.; and Evans, Thomas E., to Dow Chemical Company, The. Highly impact resistant carbonate polymer blends. 4,544,706, 10-1-85, Cl. 525-146.000.
- Finch, Craig E.: *See—*
  - McCain, G. Howard; Benezra, Leo L.; and Finch, Craig E., 4,535,112, Cl. 524-233.000.
- Finch, Curtis L., to Babcock & Wilcox Company, The. Tube expanding system. 4,513,497, 4-30-85, Cl. 29-727.000.
- Finch, Dale E., to Abbott Laboratories. Intravenous monitoring system utilizing a dynamic reference threshold. 4,498,901, 2-12-85, Cl. 604-65.000.
- Finch, George W.; and Udd, Eric, to McDonnell Douglas Corporation. Fiber-optic seismic sensor. 4,534,222, 8-13-85, Cl. 73-653.000.
- Finch, Harry E.; and Szayer, Geza J. Partition wall system and components therefor. 4,546,590, 10-15-85, Cl. 52-520.000.

Finch, Harvey E., and Trapanese, Salvatore P., to FPS Development Partnership. Olive oil recovery. 4,522,119, 6-11-85, Cl. 99-483.000.
Finch, Robert E., Jr. Method and apparatus for applying a therapeutic article to a body. 4,517,972, 5-21-85, Cl. 128-156.000.
Finch, Timothy D.; and Beavan, Stuart W., to Lever Brothers Company. Photobleach system, composition and process. 4,524,014, 6-18-85, Cl. 252-188.100.
Fincher, Jeffrey L., to Texas A&M University. Optical joystick. 4,533,827, 8-6-85, Cl. 250-211.00K.
Findakly, Talal K., to TRW Inc. Integrated optical star coupler. 4,515,428, 5-7-85, Cl. 350-96.120.
Findeis, Gunter: *See—*
  Bickl, Horst; Findeis, Gunter; and Treiber, Helmut, 4,492,458, Cl. 355-38.000.
Findeisen, Kurt; and Fauss, Rudolf, to Bayer Aktiengesellschaft. Preparation of tartronic esters. 4,504,673, 3-12-85, Cl. 560-180.000.
Findeisen, Kurt: *See—*
  Fauss, Rudolf; Linker, Karl-Heinz; and Findeisen, Kurt, 4,503,025, Cl. 423-384.000.
  Jager, Gerhard; Fauss, Rudolf; Findeisen, Kurt; Becker, Benedikt; and Homeyer, Bernhard, 4,562,185, Cl. 514-229.000.
  Klauke, Erich; and Findeisen, Kurt, 4,555,370, Cl. 260-545.00R.
  Kranz, Eckart; and Findeisen, Kurt, 4,536,353, Cl. 260-545.00R.
  Salzburg, Herbert; Fauss, Rudolf; Findeisen, Kurt; and Homeyer, Bernhard, 4,556,649, Cl. 514-63.000.
  Schafer, Walter; Meiners, Hans-Joachim; Seel, Klaus; Reichmann, Wolfgang; Wagner, Kuno; and Findeisen, Kurt, 4,499,038, Cl. 264-51.000.
Findl, Eugene, to United States of America, Energy. Fuel cell having dual electrode anode or cathode. 4,529,670, 7-16-85, Cl. 429-38.000.
Findlay, Gordon R., to Lufran, Inc. Gas-purged flexible cable-type immersion heater and method for heating highly corrosive liquids. 4,553,024, 11-12-85, Cl. 219-335.000.
Findlay, Hugh T.: *See—*
  Evans, Julie F.; Findlay, Hugh T.; Popyach, Stephen A.; and Tao, Deh C., 4,504,840, Cl. 346-76.0PH.
Findlay, John B.: *See—*
  Esders, Theodore W.; Lynn, Shirley Y.; Findlay, John B.; and Schubert, Richard M., 4,547,461, Cl. 435-17.000.
Findlay, John W. A.; and Coker, Geoffrey G. 3-{6-[3-pyrrolidino-1-(4-tolyl)prop-1-enyl]-2-pyridyl}acrylic acid and pharmaceutically acceptable salts thereof. 4,501,893, 2-26-85, Cl. 546-281.000.
Findlay, John W. A.; and Coker, Geoffrey G. 6-[3-amino-1-(4-tolyl)-prop-1E-enyl]pyridine-2-carboxylic acid derivatives having antihistaminic activity. 4,562,258, 12-31-85, Cl. 546-281.000.
Findley Adhesives, Inc.: *See—*
  Scharfenberg, Paul M.; and Findley, Kenneth N., Jr., 4,495,011, Cl. 156-78.000.
  Scharfenberg, Paul M.; and Findley, Kenneth N., Jr., 4,561,918, Cl. 156-78.000.
Findley, Gerald I.: *See—*
  Fedak, John F.; Findley, Gerald I.; and Torr, Terry A., 4,555,802, Cl. 382-56.000.
Findley, Kenneth N., Jr.: *See—*
  Scharfenberg, Paul M.; and Findley, Kenneth N., Jr., 4,495,011, Cl. 156-78.000.
  Scharfenberg, Paul M.; and Findley, Kenneth N., Jr., 4,561,918, Cl. 156-78.000.
Fine, Clarence R. Method of post production sound recording for video taped programs. 4,491,879, 1-1-85, Cl. 360-14.100.
Fine, Daniel H. Composition and method for the preventative treatment of dental disease and apparatus for dispensing said composition. 4,515,771, 5-7-85, Cl. 424-52.000.
Fine, Harvey A., to Weldotron Corporation. Integrated stretch-wrap packaging system. 4,548,024, 10-22-85, Cl. 53-502.000.
Fine, Max, to Dual Filtrex, Inc. Combination filter apparatus for use with a dry cleaning machine. 4,513,590, 4-30-85, Cl. 68-18.00C.
Fine Organics Limited: *See—*
  Jackson, Arthur; and Heyes, Graham, 4,532,322, Cl. 544-54.000.
Fine Particle Technology Corporation: *See—*
  Wiech, Raymond E., Jr., 4,510,347, Cl. 174-68.500.
  Wiech, Raymond E., Jr., 4,519,447, Cl. 165-104.330.
  Wiech, Raymond E., Jr., 4,519,877, Cl. 204-15.000.
  Wiech, Raymond E., Jr., 4,531,145, Cl. 357-81.000.
  Wiech, Raymond E., Jr., 4,562,092, Cl. 427-58.000.
Fine, Richard A.; and Nason, George F., III. Illumination means for 3-D printing apparatus. 4,493,551, 1-15-85, Cl. 355-22.000.
Fineberg, Douglas H., to Baker Oil Tools, Inc. Downhole flapper valve. 4,531,587, 7-30-85, Cl. 166-332.000.
Finegan, Sean N.; McFee, James H.; and Swartz, Robert G., to AT&T Bell Laboratories. Growth substrate heating arrangement for UHV silicon MBE. 4,492,852, 1-8-85, Cl. 219-405.000.
Finegold, Aryeh, to Daisy Systems Corporation. Video display system for displaying symbol-fragments in different orientations. 4,533,911, 8-6-85, Cl. 340-727.000.
Finell, Lewis R.: *See—*
  Fuller, Tom E.; and Finell, Lewis R., 4,505,787, Cl. 204-67.000.
Finger, Eugene P., to Curtis Instruments, Inc. Quiescent battery testing method and apparatus. 4,514,694, 4-30-85, Cl. 324-429.000.
Finger, Eugene P., to Curtis Instruments, Inc. Battery state of charge metering method and apparatus. 4,560,937, 12-24-85, Cl. 324-433.000.
Finger, Hansjorg, to H. Finger, Firma. Fluid-tight watch case with U-shaped bezel. 4,497,583, 2-5-85, Cl. 368-291.000.
Finger, Helmut: *See—*
  Hafner, Gunther; Lenz, Hermann; and Finger, Helmut, 4,503,337, Cl. 290-4.00D.
Finger, John F., to Sioux Steam Cleaner Corporation. Electric combination cleaner. 4,552,162, 11-12-85, Cl. 134-57.00R.
Finger, Ulrich; Desprez, Pierre; and Ligneres, Pierre. Access arbitration system to several processors or microprocessors with a common bus. 4,499,538, 2-12-85, Cl. 364-200.000.
Finger, Ulrich: *See—*
  Ozil, Maurice; and Finger, Ulrich, 4,507,697, Cl. 361-1.000.
Fingerle, Dieter: *See—*
  Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,519,359, Cl. 123-668.000.
  Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,522,171, Cl. 123-270.000.
  Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,522,415, Cl. 277-216.000.
  Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,524,732, Cl. 123-193.00H.
  Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,526,824, Cl. 428-35.000.
  Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; and Krohn, Ulrich, 4,535,683, Cl. 92-224.000.
Fingerle, Hermann: *See—*
  Grimm, Hans; and Fingerle, Hermann, 4,551,947, Cl. 51-34.00H.
Fingermatrix, Inc.: *See—*
  Marcus, Daniel H., 4,553,837, Cl. 356-71.000.
  Schiller, Michael, 4,544,267, Cl. 356-71.000.
Fingerson, Conrad F. Lock rod system for flooring grating and method for assembling same. 4,522,009, 6-11-85, Cl. 52-667.000.
Fini, Vincenzo: *See—*
  Biagi, Gino; and Fini, Vincenzo, 4,494,317, Cl. 34-73.000.
Finic, B.V.: *See—*
  Ressi di Cervia, Arturo L., 4,496,268, Cl. 405-133.000.
Finike Italiana Marposs S.p.A.: *See—*
  Golinelli, Guido; and Dall'Aglio, Carlo, 4,524,523, Cl. 33-143.00L.
  Golinelli, Guido; and Possati, Mario, 4,543,725, Cl. 33-178.00E.
  Golinelli, Guido; and Dall'Aglio, Carlo, 4,553,332, Cl. 33-561.000.
  Golinelli, Guido; and Dall'Aglio, Carlo, 4,555,855, Cl. 33-147.00K.
  Solaroli, Sergio, 4,521,863, Cl. 364-561.000.
Finizio, Michael, to Du Pont de Nemours, E. I., and Company. Antiinflammatory, analgesic, or anti-primary dysmenorrheal arylmethylene- and arylmethylindenoimidazoles. 4,548,943, 10-22-85, Cl. 514-393.000.
Finizio, Michael, to Du Pont de Nemours, E. I., and Company. Antiinflammatory and/or analgesic 1,8-Dihydro-(or 3,8-dihydro)-8-aryl-2-[(substituted)thio]-indeno[1,2-d]imidazoles and their corresponding sulfoxides and sulfones. 4,548,946, 10-22-85, Cl. 514-393.000.
Fink, Arthur C., Jr., to Husky Corporation. Pressure actuated poppet valve for fuel dispensing nozzle. 4,559,982, 12-24-85, Cl. 141-206.000.
Fink, Carl M.; and Holman, Edward C., to Nuclear & Environmental Protection, Inc. Portable maintenance exhaust hood. 4,505,190, 3-19-85, Cl. 98-115.100.
Fink, David: *See—*
  Nazem, Faramarz; Didchenko, Rostislav; and Fink, David, 4,511,625, Cl. 428-401.000.
Fink, David J.: *See—*
  Hughes, Kenneth E.; Hutson, Timothy B.; and Fink, David J., 4,544,516, Cl. 264-108.000.
Fink, Friedrich: *See—*
  Lades, Hans; Fink, Friedrich; Liebel, Siegfried; Lauterbach, Inge; Taube, Thomas; and Zollner, Dieter, 4,509,178, Cl. 373-93.000.
Fink, Garold K.: *See—*
  Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.
Fink, Hans, to Bata Schuh AG. Process for joining polyurethane coated fabrics. 4,508,582, 4-2-85, Cl. 156-93.000.
Fink, Hans-Ferdi; Koerner, Gotz; and Freiberger, Rolf, to Th. Goldschmidt AG. Lubricant and mold-release agent for the manufacture of tires. 4,501,616, 2-26-85, Cl. 106-38.220.
Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, to Th. Goldschmidt AG. Material for deaerating coating systems. 4,520,173, 5-28-85, Cl. 525-403.000.
Fink, Hans-Ferdi: *See—*
  Callaghan, Ian C.; Fink, Hans-Ferdi; Gould, Clive M.; Koerner, Gotz; Patzke, Hans-Jurgen; and Weitemeyer, Christian, 4,557,737, Cl. 55-87.000.
Fink, Herbert; Huebner, Klaus; Markert, Gerhard; and Suetterlin, Norbert, to Rohm GmbH. Method for thickening aqueous systems. 4,542,175, 9-17-85, Cl. 524-516.000.
Fink, Herbert: *See—*
  Dinklage, Horst; Fink, Herbert; and Wolf, Hans-Peter, 4,525,418, Cl. 428-264.000.
Fink, Richard R., to Heyman Manufacturing Co. Method of producing a connector assembly. 4,528,750, 7-16-85, Cl. 29-878.000.
Fink, Roland; Bartos, Hubert; Noschilla, Herbert; and Klingenstein, Walter, to Oskar Frech GmbH & Co. Apparatus for the production of die-cast parts with adjustable piston travel length and initial and final positions. 4,530,391, 7-23-85, Cl. 164-155.000.
Fink, Thomas F., Jr.: *See—*
  Sands, Robert W.; Marella, Joseph P.; and Fink, Thomas F., Jr., 4,494,176, Cl. 362-297.000.

Finkbeiner, Ernest, to Mid-West Transformer Company. Coil body. 4,510,478, 4-9-85, Cl. 336-198.000.

Finke, Manfred; and Mundnich, Rainer, to Hoechst Aktiengesellschaft. Phosphorus-containing cyanohydrine derivatives. 4,521,348, 6-4-85, Cl. 260-940.000.

Finke, Manfred; Rupp, Walter; and Weiss, Erwin, to Hoechst Aktiengesellschaft. 2-acrylamido- and 2-methacrylamido-2-methyl propanephosphonic acids and their salts, process for the preparation thereof, and use thereof for the manufacture of copolymers. 4,526,728, 7-2-85, Cl. 260-502.50R.

Finke, Paul E.: *See—*

Doherty, James B.; Ashe, Bonnie M.; Finke, Paul E.; Shah, Shrenik K.; Thompson, Kevan R.; and Zimmerman, Morris, 4,547,371, Cl. 514-200.000.

Finke, Robert C.; and Banks, Bruce A., to United States of America, National Aeronautics and Space Administration. Piezoelectric deicing device. 4,545,553, 10-8-85, Cl. 244-134.00D.

Finke, Robert G., to Robert Finke GmbH. Safety screw cap. 4,520,938, 6-4-85, Cl. 215-220.000.

Finke, Scott C. Bitting rig apparatus for training horses. 4,492,073, 1-8-85, Cl. 54-35.000.

Finkeldei, Ferdinand: *See—*

Heinze, Helmut; Wilhelm, Fritz; Mackensen, Klaus; and Finkeldei, Ferdinand, 4,499,261, Cl. 528-279.000.

Finkelmeier, Horst; and Hopp, Rudolf, to Haarmann & Reimer GmbH. Preparation of isochromane derivatives. 4,523,023, 6-11-85, Cl. 549-385.000.

Finkelmeier, Horst: *See—*

Hopp, Rudolf; Finkelmeier, Horst; and Langner, Roland, 4,562,067, Cl. 424-59.000.

Finkelstein, Manuel; and Ross, Sidney D., to Sprague Electric Company. Electrolytic capacitor for at least 150 V service. 4,509,094, 4-2-85, Cl. 361-314.000.

Finkelstein, Manuel: *See—*

Ross, Sidney D.; and Finkelstein, Manuel, 4,541,037, Cl. 361-433.000.

Finkelstein, Wolfgang; and Riegel, Hans, to Gebruder Trox GmbH. Ceiling air outlet. 4,508,022, 4-2-85, Cl. 98-40.120.

Finkelstein, Wolfgang; and Haaz, Josef, to Gebruder Trox, GmbH. Regulator valve for stabilizing volume flow, especially in ventilation systems. 4,520,844, 6-4-85, Cl. 137-486.000.

Finkelstein, Wolfgang: *See—*

Fey, Michael; Finkelstein, Wolfgang; Haaz, Josef; and Riegel, Hans, 4,549,474, Cl. 98-120.000.

Finkenzeller, Johann; and Mittelstaedt, Wolfgang, to Siemens Aktiengesellschaft. Dental X-ray diagnostic device. 4,521,899, 6-4-85, Cl. 378-40.000.

Finkenzeller, Johann; and Hubert, Gunter, to Siemens Aktiengesellschaft. X-ray film holder. 4,555,794, 11-26-85, Cl. 378-187.000.

Finkl, Charles W.; Lehman, Albert L.; and Philbrick, Herbert S., Jr., to A. Finkl & Sons Co. Ladle steelmaking method and apparatus. 4,541,862, 9-17-85, Cl. 75-12.000.

Finkler, Saul M., to Centennial Jewelers, Inc. Diamond gauge with three-dimensional stone simulant. 4,524,525, 6-25-85, Cl. 33-178.00B.

Finlay, Joseph B., to Du Pont de Nemours, E. I., and Company. Fluorinated copolymers with improved cure site. 4,529,784, 7-16-85, Cl. 526-247.000.

Finlay, Joseph B.; and Ojakaar, Leo, to Du Pont de Nemours, E. I., and Company. Fluoroelastomer having improved compression set resistance. 4,543,394, 9-24-85, Cl. 525-276.000.

Finlayson, Claude M.: *See—*

Mardis, Wilbur S.; and Finlayson, Claude M., 4,517,112, Cl. 252-315.200.

Finley, Charles M.; and Moore, Clifford G., to Rohrback Corporation. Flush electrical resistance corrosion probe. 4,514,681, 4-30-85, Cl. 324-65.0CR.

Finley, Joseph H.: *See—*

Lee, Fui-Tseng H.; Juelke, Charles V.; and Finley, Joseph H., 4,511,498, Cl. 252-609.000.

Finley, Michael J.: *See—*

Mason, Edward M.; Tanner, Murray Q., III; and Finley, Michael J., 4,501,414, Cl. 269-325.000.

Finn, Albert E.: *See—*

Ginns, Haskell; and Finn, Albert E., 4,535,624, Cl. 73-119.00R.

Finn, Arnold H., to Taco Products, Incorporated. Cylindrical wedge. 4,505,313, 3-19-85, Cl. 145-29.00R.

Finn, Arnold H., to Taco Products, Incorporated. Tool handle attachment. 4,516,615, 5-14-85, Cl. 81-20.000.

Finn, Bernard J.; and Yew, Ming-Chih, to General Motors Corporation. Vehicle wheel suspension. 4,540,197, 9-10-85, Cl. 280-697.000.

Finn, Bernard J.: *See—*

Rezanka, Richard L.; and Finn, Bernard J., 4,531,759, Cl. 280-668.000.

Finn, Charles E.; Ruckey, Allan M.; and Shuler, David C., to General Motors Corporation. Fuel injection system. 4,527,528, 7-9-85, Cl. 123-447.000.

Finn, Clifford J., to Universal Foam Systems, Inc. Solvent flushing arrangement for foam dispensing gun. 4,516,694, 5-14-85, Cl. 222-148.000.

Finn Corporation: *See—*

Keyes, Richard E.; and Dirksing, John W., 4,524,916, Cl. 241-101.00A.

Finn, George A., to West Company, The. Coating composition for elastomeric packaging components. 4,540,632, 9-10-85, Cl. 428-422.000.

Finn, Kellen M.: *See—*

Bowman, Kenneth A.; Jacoby, John E.; and Finn, Kellen M., 4,556,535, Cl. 420-580.000.

Finn, Lyle D.; Volkert, Bruce C.; Matthews, Jamie F., Jr.; and Brady, Michael M., to Exxon Production Research Co. J-tube method and apparatus. 4,523,877, 6-18-85, Cl. 405-195.000.

Finn, Michael J.; and Hughes, Robert D., to Coal Industry (Patents) Limited. Method for extracting caking coals. 4,502,940, 3-5-85, Cl. 208-8.0LE.

Finn, Peter A.: *See—*

Prepodnik, Kay E.; Finn, Peter A.; and Manning, Daniel J., 4,519,219, Cl. 62-457.000.

Finn, Steven G., to Codex Corporation. Data compression. 4,560,976, 12-24-85, Cl. 340-347.0DD.

Finn, William A.; and Searfass, Harry I., to Asten Group, Inc. Laminated soft faced-spiral woven papermakers fabric. 4,528,236, 7-9-85, Cl. 428-222.000.

Finnan, Jeffrey L., to BASF Wyandotte Corporation. Heat-stabilized, carotenoid-colored edible oils. 4,504,499, 3-12-85, Cl. 426-250.000.

Finnan, Jeffrey L.: *See—*

Schmidt, Douglass N.; Finnan, Jeffrey L.; and Lisa, Rudolph E., 4,533,674, Cl. 514-474.000.

Finnan, Marshall N., to Occidental Research Corporation. Tube and tube sheet assembly. 4,495,987, 1-29-85, Cl. 165-70.000.

Finnell, Reuben. Thermos bottle cap doubles as a cup. 4,530,439, 7-23-85, Cl. 220-90.400.

Finnemore, Douglas K.: *See—*

Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., 4,532,703, Cl. 29-599.000.

Finney, James L.: *See—*

Spigarelli, Donald J.; Peck, Douglas J.; Hall, Walter J.; and Finney, James L., 4,541,358, Cl. 118-58.000.

Finney, John F. Means for and method of furnace insulation. 4,516,374, 5-14-85, Cl. 52-404.000.

Finney, Robert H.: *See—*

Reyes, Peter A.; and Finney, Robert H., 4,522,563, Cl. 416-134.00A.

Finney, Roy P., to Medical Engineering Corporation. Penile implant. 4,532,920, 8-6-85, Cl. 128-79.000.

Finney, Roy P., to Medical Engineering Corporation. Male urinary incontinence device and method. 4,549,530, 10-29-85, Cl. 128-1.00R.

Finney, Roy P.; Trick, Robert E.; and Lynch, Henry W., to Medical Engineering Corporation. Implantable penile erectile system. 4,550,719, 11-5-85, Cl. 128-79.000.

Finnieston, Alan; and Zagorski, Joseph B. Thigh brace. 4,553,535, 11-19-85, Cl. 128-88.000.

Finnigan Corporation: *See—*

McIver, Robert T., Jr., 4,535,235, Cl. 250-282.000.

Stafford, George C.; Kelley, Paul E.; and Stephens, David R., 4,540,884, Cl. 250-282.000.

Finnigan Mat GmbH: *See—*

Cooks, Graham; Story, Michael S.; Jung, Gerhard; and Dobberstein, Peter, 4,536,652, Cl. 250-281.000.

Lerche, Heinz; Rache, Horst; and Wedde, Reiner, 4,495,413, Cl. 250-252.100.

Finnighan, Francis M., to Alfa-Laval Cheese Systems Limited. Slat conveyor. 4,526,271, 7-2-85, Cl. 198-648.000.

Finster, Emma R.; and Finster, Peter W. Adjustable implement holder for stepladders. 4,550,803, 11-5-85, Cl. 182-129.000.

Finster, Peter W.: *See—*

Finster, Emma R.; and Finster, Peter W., 4,550,803, Cl. 182-129.000.

Finter, Jurgen; and Fischer, Walter, to Ciba-Geigy Corporation. Use of photosensitive compositions of matter for electroless deposition of metals. 4,560,643, 12-24-85, Cl. 430-346.000.

Finucane, Raymond G.; and Jahns, Hans O., to Exxon Production Research Co. Ice barrier construction. 4,523,879, 6-18-85, Cl. 405-217.000.

Finucane, Thomas P.: *See—*

Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.

Fiocco, Robert J.; and Bushnell, James D., to Exxon Research & Engineering Co. Extraction zone. 4,511,537, 4-16-85, Cl. 422-256.000.

Fiocco, Robert J., to Exxon Research & Engineering Co. Extractive separation process. 4,519,901, 5-28-85, Cl. 208-321.000.

Fiocco, Robert J.; and Niessen, Edward, to Exxon Research & Engineering Co. Tray apparatus for deasphalting and extraction. 4,528,068, 7-9-85, Cl. 196-14.520.

Fiol, James. Apparatus for the display or the storage of bicycles or like vehicles. 4,555,029, 11-26-85, Cl. 211-22.000.

Fiolkoski, Richard D.: *See—*

Garvey, Daniel C.; and Fiolkoski, Richard D., 4,542,802, Cl. 180-306.000.

Fioravanti, Mario. Method of treating and conserving filled dough food products. 4,493,850, 1-15-85, Cl. 426-283.000.

Fiordellisi, Stephen J.; Gergoe, Bela; and Hamilton, John W., to General Motors Corporation. Latch release arrangement. 4,544,189, 10-1-85, Cl. 292-50.000.

Fiore, John W. Cervical support pillow. 4,550,458, 11-5-85, Cl. 5-434.000.

Fiore, Joseph V.: *See—*

Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., 4,512,897, Cl. 210-656.000.

Fiore, Leonardo; Binaghi, Marco; and Bonicelli, Ugo, to Montedison S.p.A. Process for the preparation of mixes of acrylic rubbers with styrene/acrylonitrile copolymers, endowed with improved impact-resistant characteristics. 4,503,190, 3-5-85, Cl. 525-108.000.
Fiore, Louis T., to Radionics, Inc. Long range wireless alarm monitoring system. 4,511,887, 4-16-85, Cl. 340-539.000.
Fiorentino, Robert J., to Battelle Memorial Institute. Methods of compaction by incremental radial compression and/or low-ratio extrusion. 4,521,360, 6-4-85, Cl. 264-108.000.
Fiori, David, Jr.: *See—*
Brosh, Amnon; and Fiori, David, Jr., 4,503,922, Cl. 177-210.0EM.
Fiori, Lee B.: *See—*
Doyle, Richard H.; and Fiori, Lee B., 4,523,646, Cl. 173-15.000.
Fiori, Robert; Seyfried, Philippe; and Symard, Jose, to Commissariat a l'Energie Atomique. Band saw. 4,535,666, 8-20-85, Cl. 83-795.000.
Fiorina, Jean-Noel, to Merlin Gerin. Static converter with electric valves comprising a twelve-phase connection with two Graetz bridges for the suppression of harmonics 5 and 7 of network current. 4,498,127, 2-5-85, Cl. 363-5.000.
Fiorina, Mark A.; and Roberts, Todd N., to Badger Meter, Inc. Modular metering apparatus. 4,499,764, 2-19-85, Cl. 73-253.000.
Fiorucci, Louis C.; and Gregory, Kevin M., to Olin Corporation. Purification of alkali metal nitrates. 4,517,164, 5-14-85, Cl. 423-184.000.
Fiory, Anthony T.: *See—*
Bean, John C.; Feldman, Leonard C.; and Fiory, Anthony T., 4,529,455, Cl. 148-175.000.
FIP, Inc.: *See—*
Boyd, Jerry K.; and Chang, Yu C., 4,552,213, Cl. 166-88.000.
Firbimatic s.r.l.: *See—*
Biagi, Gino; and Fini, Vincenzo, 4,494,317, Cl. 34-73.000.
Fire Research Pty. Limited: *See—*
Wexler, Jonathan B., 4,559,745, Cl. 52-1.000.
Fire Trumpet of America, Inc.: *See—*
Domingue, Willard A., 4,520,352, Cl. 340-590.000.
Fireman, Kenneth A.: *See—*
Boyd, Francis M.; and Fireman, Kenneth A., 4,541,175, Cl. 30-161.000.
Firester, Arthur H.; and D'Aiello, Robert V., to RCA Corporation. Method for eliminating defects in a photodetector. 4,543,171, 9-24-85, Cl. 204-129.300.
Firestone, Raymond A., to Merck & Co., Inc. Allylsulfoxide enzyme inhibitors. 4,491,590, 1-1-85, Cl. 424-274.000.
Firestone, Raymond A. Device for maintaining dry conditions in vessels. 4,545,492, 10-8-85, Cl. 215-227.000.
Firestone, Raymond A., to Merck & Co., Inc. Phenyl, trihalomethyl or heteroaryl sulfoxides having a latent allyl group bound to sulfur as enzyme inhibitors. 4,558,071, 12-10-85, Cl. 514-570.000.
Firestone, Raymond A., to Merck & Co., Inc. Derivatives of steroid compounds linked to cyotoxic agents. 4,560,512, 12-24-85, Cl. 260-397.200.
Firestone Tire & Rubber Company, The: *See—*
Beneze, Heinz W.; and Tomaszewski, Walter, 4,532,744, Cl. 52-222.000.
Bohm, Georg G. A.; DeTrano, Mario; and Hall, James E., 4,528,331, Cl. 525-313.000.
Bohm, Georg G. A., 4,559,117, Cl. 204-159.130.
Day, Gary L.; and Robertson, James P., 4,513,123, Cl. 525-332.600.
Dieckmann, J. Robert; Lauber, Michael L.; and Roodvoets, Mark R., 4,493,631, Cl. 425-292.000.
Dieckmann, J. Robert; Lauber, Michael L.; and Roodvoets, Mark R., 4,541,978, Cl. 264-150.000.
Donatelli, Thomas F.; and Murray, Philip F., 4,495,326, Cl. 524-533.000.
Dubich, Charles S.; and Yang, James H. C., 4,548,016, Cl. 52-749.000.
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Graves, Daniel F.; and Snyder, Dennis L., 4,544,537, Cl. 423-300.000.
Graves, Daniel F., 4,557,306, Cl. 152-548.000.
Gutierrez, Richard; Kay, Edward L.; and Serbin, David J., 4,530,995, Cl. 528-930.000.
Hall, James E., 4,520,123, Cl. 502-153.000.
Hall, James E., 4,530,984, Cl. 526-177.000.
Hall, James E.; and Schulz, Donald N., 4,537,939, Cl. 526-179.000.
Hausch, Walter R., 4,544,427, Cl. 156-97.000.
Hayes, Robert A.; and Conard, Wendell R., 4,500,466, Cl. 260-429.900.
Hayes, Robert A.; and Conard, Wendell R., 4,529,770, Cl. 524-445.000.
Hergenrother, William L.; and Doshak, John M., 4,506,050, Cl. 524-143.000.
Hergenrother, William L.; Matlock, Mark G.; and Ambrose, Richard J., 4,508,874, Cl. 525-285.000.
Hergenrother, William L., 4,524,040, Cl. 264-136.000.
Hergenrother, William L., 4,537,917, Cl. 523-209.000.
Hergenrother, William L.; and Halasa, Adel F., 4,558,103, Cl. 525-538.000.
Hergenrother, William L., 4,562,115, Cl. 428-392.000.
Kang, Jung W.; and Davis, James A., 4,511,628, Cl. 428-457.000.
Kang, Jung W.; and Hall, James E., 4,522,988, Cl. 526-133.000.
Kang, Jung W., 4,522,989, Cl. 526-133.000.
Kang, Jung W.; and Davis, James A., 4,551,391, Cl. 428-462.000.
Kang, Jung W., 4,562,171, Cl. 502-117.000.
Kang, Jung W.; and Hall, James E., 4,562,172, Cl. 502-117.000.
Kay, Edward L.; and Gutierrez, Richard, 4,526,959, Cl. 528-930.000.
Kay, Edward L.; and Gutierrez, Richard, 4,542,191, Cl. 525-383.000.
Kay, Edward L.; Gutierrez, Richard; and Conard, Wendell R., 4,559,378, Cl. 524-147.000.
Maglio, Ralph A.; and Fieldhouse, John W., 4,521,479, Cl. 428-326.000.
Nadeau, John F., Jr.; and Varvaro, Alexander J., 4,556,382, Cl. 425-462.000.
Roggeman, David M.; Malani, Shrikant R.; and Kang, Jung W., 4,501,866, Cl. 526-133.000.
Tomaszewski, Walter, 4,512,680, Cl. 403-313.000.
Tomaszewski, Walter; and Yang, James H. C., 4,531,339, Cl. 52-716.000.
Yang, James H. C.; and Tomaszewski, Walter, 4,516,874, Cl. 403-313.000.
Yang, James H. C.; Tomaszewski, Walter; and Beneze, Heinz W., 4,534,145, Cl. 52-222.000.
Firestone, William L.: *See—*
Lovick, Richard B.; and Firestone, William L., 4,494,143, Cl. 358-122.000.
Firetek Corporation: *See—*
Cholin, John M., 4,513,202, Cl. 250-385.000.
Cholin, John M.; Voorhis, Ray; and Cholin, Jeffrey G., 4,553,031, Cl. 250-339.000.
Firex Corporation: *See—*
Atwater, Richard G., 4,511,889, Cl. 340-629.000.
Firey, Joseph C. Crossed pulse liquid atomizer. 4,508,273, 4-2-85, Cl. 239-427.000.
Firey, Joseph C. Cyclic char gasifier. 4,509,957, 4-9-85, Cl. 48-61.000.
Firey, Joseph C. Cyclic gas separator. 4,530,705, 7-23-85, Cl. 55-162.000.
Firey, Joseph C. Cyclic char gasifier with product gas divider. 4,533,362, 8-6-85, Cl. 48-61.000.
Firey, Joseph C. Cyclic char gasifier devolatilization process. 4,537,603, 8-27-85, Cl. 48-197.00R.
(Firma) Aug. Winkhaus: *See—*
Heiland, Bernd, 4,514,625, Cl. 250-221.000.
Firmagroup Australia Pty. Ltd.: *See—*
Leivenzon, Simon; and Leivenzon, Steven, 4,533,905, Cl. 340-524.000.
Firmenich SA: *See—*
Escher, Sina D.; and Dietrich, Paul, 4,512,352, Cl. 131-276.000.
Escher, Sina D.; and Morris, Anthony F., 4,514,323, Cl. 252-522.00R.
Giersch, Wolfgang K.; and Ohloff, Gunther, 4,524,019, Cl. 252-522.00R.
Holzner, Gunter, 4,534,509, Cl. 239-34.000.
Maurer, Bruno; and Hauser, Arnold, 4,522,748, Cl. 252-522.00R.
Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, 4,543,429, Cl. 568-446.000.
Rautenstrauch, Valentin, 4,499,297, Cl. 560-231.000.
Schulte-Elte, Karl-Heinrich; and Muller, Bernard L., 4,525,298, Cl. 252-522.00R.
Schulte-Elte, Karl-Heinrich; Snowden, Roger L.; and Muller, Bernard L., 4,543,431, Cl. 568-826.000.
Firmin, Herman P., to Knight Manufacturing Company, Inc. Artificial crawfish lure with dorsal and ventral seam. 4,516,352, 5-14-85, Cl. 43-42.260.
Firmin, Richard: *See—*
Hunt, Thomas K.; Goodson, William H., III; Chang, Ning; Knighton, David R.; Gottrup, Finn; and Firmin, Richard, 4,512,349, Cl. 128-632.000.
First Inertia Switch Limited: *See—*
Jackman, Peter R.; and Thomas, Alan D., 4,533,801, Cl. 200-61.45R.
First National Bank, executor: *See—*
Schoeff, Terry G.; and Hemmert, Raymond A., deceased, 4,519,376, Cl. 126-121.000.
Firth, Bruce E.; and Rosen, Terry J., to UOP Inc. Preparation of ortho-alkylated phenols. 4,538,008, 8-27-85, Cl. 568-783.000.
Firth, Donald. Method and apparatus for conveying and metering solid material. 4,516,674, 5-14-85, Cl. 198-617.000.
Firth, Rowland V. D., III; Goff, Willie, Jr.; Ku, Ta C.; and Rakes, James M., to International Business Machines Corporation. Multizone thermal print head. 4,520,371, 5-28-85, Cl. 346-76.0PH.
Fisch, Richard S., to Minnesota Mining and Manufacturing Company. Method of forming composite image as in add-on non-silver microfiche. 4,552,826, 11-12-85, Cl. 430-142.000.
Fischbeck, Kenneth H., to Xerox Corporation. Ink jet ejector utilizing check valves to prevent air ingestion. 4,496,960, 1-29-85, Cl. 346-140.00R.
Fischbeck, Kenneth H., to Xerox Corporation. Ink jet printing using horizontal interlacing. 4,509,058, 4-2-85, Cl. 346-1.100.
Fischbeck, Kenneth H.; Creagh, Linda T.; and Raschke, Curt R., to Xerox Corporation. Electrothermic ink jet. 4,546,360, 10-8-85, Cl. 346-1.100.
Fischbeck, Kenneth H.: *See—*
Bain, Lee L.; and Fischbeck, Kenneth H., 4,524,364, Cl. 346-1.100.
Fischell, Robert E., to Johns Hopkins University, The. Plural module medication delivery system. 4,494,950, 1-22-85, Cl. 604-66.000.
Fischell, Robert E.; Newman, Arnold L.; Riblet, Henry B.; and Powell, William R., to Johns Hopkins University, The. Apparatus for inhibit-

ing self-injurious behavior (SIB) in patients. 4,524,773, 6-25-85, Cl. 128-419.00S.

Fischell, Robert E., to Johns Hopkins University, The. Fluid handling system for medication infusion system. 4,525,165, 6-25-85, Cl. 604-131.000.

Fischell, Robert E. Manually actuated fully implantable penile erection device. 4,559,931, 12-24-85, Cl. 128-79.000.

Fischer, Albert J., to William Prym-Werke KG. Sewing-machine attachment. 4,493,275, 1-15-85, Cl. 112-105.000.

Fischer, Alfred; Freimuth, Claus; Gerlach, Roland; and Siefert, Gerhard, to Claudius Peters AG. Pump with screw conveyors on each end. 4,558,985, 12-17-85, Cl. 415-74.000.

Fischer, Artur; and Walther, Horst, to Fischer, Artur. Method and a device for securing double-wall panels to substructures. 4,509,246, 4-9-85, Cl. 29-526.00R.

Fischer, Artur. High-pressure packing device for injecting synthetic resin into cracks in concrete. 4,512,123, 4-23-85, Cl. 52-173.00R.

Fischer, Artur. Anchoring device. 4,516,378, 5-14-85, Cl. 52-704.000.

Fischer, Baruch: *See—*

Cronin-Golomb, Mark; Fischer, Baruch; White, Jeffrey O.; and Yariv, Amnon, 4,529,273, Cl. 350-354.000.

Fischer, Bruno; and Andretta, Angelo, to Micafil AG. Method for connecting the ends of stator windings to the stator supply terminals. 4,553,319, 11-19-85, Cl. 29-596.000.

Fischer, Charles, to Strapex AG. Machine for strapping packages and the like. 4,554,779, 11-26-85, Cl. 53-589.000.

Fischer, Dan E. Knitted gingival retraction cord. 4,522,593, 6-11-85, Cl. 433-136.000.

Fischer, Dan E., to Ultradent, Inc. Method of preparing gingival area for dental crowns. 4,551,100, 11-5-85, Cl. 433-218.000.

Fischer, David, to Domtar Inc. Partitioned box. 4,541,560, 9-17-85, Cl. 229-27.000.

Fischer, David L.; and Waterstreet, William E., to Rudolf, John M. Tissue cutting and interfolding apparatus for Z webs. 4,494,741, 1-22-85, Cl. 270-39.000.

Fischer, David M.: *See—*

Sarofeen, Joseph J.; and Fischer, David M., 4,546,379, Cl. 358-42.000.

Fischer, Detlef: *See—*

Schumann, Henning; Busch, Peter; Fischer, Detlef; and Thiele, Klaus, 4,520,831, Cl. 132-11.00R.

Fischer, Dieter; and Vatterott, Karl-Heinz, to Triumph-Adler A.G. fur Buro- und Informationstechnik. Arrangements for Fast Readout of n stage arrays of gas discharge chambers. 4,546,288, 10-8-85, Cl. 315-169.400.

Fischer, Dieter, to Triumph-Adler Aktiengesellschaft fur Buro- und Informationstechnik. Document scanning apparatus with photosensor and gas discharge readout. 4,551,622, 11-5-85, Cl. 250-211.00R.

Fischer, Dieter: *See—*

Engemann, Detlef; Fischer, Dieter; and Kleeberg, Heinz, 4,531,062, Cl. 250-578.000.

Engemann, Detlef; Fischer, Dieter; and Vatterott, Karl-Heinz, 4,544,842, Cl. 250-227.000.

Stang, Hans-Peter; and Fischer, Dieter, 4,504,022, Cl. 242-47.010.

Fischer, Eberhard: *See—*

Mayer, Gunter; Fischer, Eberhard; and Strametz, Helmut, 4,529,795, Cl. 528-501.000.

Fischer, Edgar; and Sittig, Wolfgang, to Hoechst Aktiengesellschaft. Device for dispersing a second phase in a first phase. 4,491,549, 1-1-85, Cl. 261-36.00R.

Fischer, Edgar; and Schlingmann, Merten, to Hoechst Aktiengesellschaft. Process for isolating microbial polysaccharides from their amine adducts. 4,562,252, 12-31-85, Cl. 536-114.000.

Fischer, Emil, to Albert-Frankenthal AG. System for the supply of staple wire to a stapler. 4,512,506, 4-23-85, Cl. 227-5.000.

Fischer, Ferdinand J., III, to Shell Oil Company. Parachute profiler. 4,495,808, 1-29-85, Cl. 73-432.00R.

Fischer, Franz, to Siemens Aktiengesellschaft. Integrated semiconductor circuits with contact interconnect levels comprised of an aluminum/silicon alloy. 4,527,184, 7-2-85, Cl. 357-67.000.

Fischer, Franz: *See—*

Kausche, Helmold; Moeller, Matthias; and Fischer, Franz, 4,492,813, Cl. 136-256.000.

Fischer, Georg, to Texas Instruments Incorporated. Apparatus for aligning tubular transport containers having a substantially U-shaped hollow cross-section for DIL housing prior to the emptying of such transport containers. 4,498,574, 2-12-85, Cl. 198-380.000.

Fischer, Gert; and Lather, Dieter, to Mannesmann Aktiengesellschaft. Test head mounting for single or multiple test heads. 4,509,815, 4-9-85, Cl. 339-147.00P.

Fischer, Glenn N. Windshield wiper control system with improved precipitation sensor. 4,527,106, 7-2-85, Cl. 318-483.000.

Fischer, Gunter; Kotter, Wolfgang; and Laschke, Robert, to Robert Bosch GmbH. Stop device. 4,503,728, 3-12-85, Cl. 74-527.000.

Fischer, Hanspeter: *See—*

Riebli, Peter; Fischer, Hanspeter; Thummel, Rudolph C.; and Hubele, Adolf, 4,508,731, Cl. 514-472.000.

Fischer, Heinrich, to Carl Hurth Maschinen- und Zahnradfabrik GmbH & Co. Machine for the precision working of tooth surfaces of toothed workpieces. 4,502,822, 3-5-85, Cl. 409-32.000.

Fischer, Heinrich: *See—*

Buschhoff, Karl; and Fischer, Heinrich, 4,545,708, Cl. 409-49.000.

Fischer, Heinz J.: *See—*

Bechthold, Horst; Fischer, Heinz J.; and Schulte, Wolfgang, 4,541,999, Cl. 423-235.000.

Fischer, Herbert; Kickhofen, Botho; and Vaubel, Eckehard, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Wound treating agent. 4,554,156, 11-19-85, Cl. 424-81.000.

Fischer, Herbert; Gorzinski, Manfred; Gress, Wolfgang; Meffert, Alfred; and Wegemund, Bernd, to Henkel Kommanditgesellschaft auf Aktien. Alkyd resins containing hydroxyl groups. 4,555,564, 11-26-85, Cl. 528-295.300.

Fischer, Herbert; Kickhofen, Botho; and Vaubel, Eckehard, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Transparent fluid bandage material and the preparation and use thereof. 4,556,056, 12-3-85, Cl. 128-156.000.

Fischer, Herbert: *See—*

Gorzinski, Manfred; Wilk, Hans-Christoph; Fischer, Herbert; and Wegemund, Bernd, 4,497,933, Cl. 524-604.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Rotary offset printing machine having a multi-image receiving blanket cylinder. 4,491,070, 1-1-85, Cl. 101-181.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Multi-station sheet rotary offset printing machine. 4,493,255, 1-15-85, Cl. 101-183.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Traveling paper web capturing apparatus for use with a rotary printing machine. 4,508,033, 4-2-85, Cl. 101-217.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Circumferentially continuous cylinder for a rotary printing machine. 4,510,868, 4-16-85, Cl. 101-415.100.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Inker for rotary printing machine, and method. 4,520,729, 6-4-85, Cl. 101-352.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Rotary printing machine with web tear clearing system. 4,523,522, 6-18-85, Cl. 101-219.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Rotary printing machine with liquid supply apparatus comprising an endless band. 4,530,284, 7-23-85, Cl. 101-350.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Printing machine inking monitoring system. 4,530,285, 7-23-85, Cl. 101-365.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Ink metering device for a printing machine having an ink trough-ink roller combination. 4,554,870, 11-26-85, Cl. 101-365.000.

Fischer, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Multi-sheet rotary folding apparatus, particularly for association with rotary printing machines. 4,559,032, 12-17-85, Cl. 493-432.000.

Fischer, Hermann: *See—*

Esper, Friedrich J.; Fischer, Hermann; Friese, Karl-Hermann; and Scharner, Peter, 4,532,492, Cl. 338-34.000.

Greiner, Harry M.; Fischer, Hermann; and Simeth, Claus, 4,553,478, Cl. 101-426.000.

Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.

Fischer, Horst: *See—*

Schwarzkopff, Udo; and Fischer, Horst, 4,502,415, Cl. 119-28.000.

Fischer Imaging Corporation: *See—*

Siczek, Benard W., 4,503,844, Cl. 128-71.000.

Fischer, Isabella, administrator: *See—*

Fitzer, Erich; Brennfleck, Karl; and Schlichting, Jurgen, deceased, 4,540,606, Cl. 427-247.000.

Fischer, Jochen; and Scholl, Hans, to Kochs Adler AG. Method for identifying size and/or type of workpiece receiving means and sewing apparatus for carrying out said method. 4,494,470, 1-22-85, Cl. 112-121.120.

Fischer, Jochen, to Kochs Adler AG. Automatic sewing machine for producing a seam having a fastening seam and a tacking seam. 4,541,348, 9-17-85, Cl. 112-121.120.

Fischer, Karl, to BASF Aktiengesellschaft. Finishing leather or a synthetic leather substitute. 4,491,612, 1-1-85, Cl. 427-412.000.

Fischer, Karl; and Schreder, Felix, to Fischer, Karl. Mounting arrangement for an electric hotplate with a support ring surrounding it. 4,491,722, 1-1-85, Cl. 219-458.000.

Fischer, Karl. Electric hotplate. 4,504,731, 3-12-85, Cl. 219-457.000.

Fischer, Karl-Heinz: *See—*

Bauer, Kurt; Fischer, Karl-Heinz; and Huber, Heinz, 4,535,456, Cl. 371-16.000.

Fischer, Kenneth C., to Eaton Corporation. Encoding system for optic data link. 4,497,068, 1-29-85, Cl. 455-608.000.

Fischer, Klaus; Kroschel, Heinz; Nicodemus, Joachim; and Petters, Willi, to Dynamit Nobel Aktiengesellschaft. Process for the distribution of submunition. 4,498,393, 2-12-85, Cl. 102-393.000.

Fischer, Klaus: *See—*

Feldle, Gunter; and Fischer, Klaus, 4,536,128, Cl. 415-219.00C.

Fischer, Knut, to Hermann Heye. Device for detecting defects in glass articles. 4,491,728, 1-1-85, Cl. 250-223.00B.

Fischer, Kurt, to Bison-Werke Bahre & Greten GmbH & Co. KG. Belt grinding machine. 4,546,572, 10-15-85, Cl. 51-140.000.

Fischer, Kurt; and Muller, Franz, to Georg Fischer Aktiengesellschaft. Apparatus for compacting granular molding materials. 4,550,765, 11-5-85, Cl. 164-194.000.

Fischer, Larry E.; Sridhar, Bettadapur N.; and Bean, Jackie E., to General Electric Company. Control of nuclear reactors. 4,518,559, 5-21-85, Cl. 376-230.000.

Fischer, Larry E.; and Bean, Jackie E., to General Electric Company. Control of nuclear reactors. 4,521,370, 6-4-85, Cl. 376-233.000.

Fischer, Manfred: *See—*

Buran, Ulrich; Fischer, Manfred; and Neuehauser, Hans J., 4,542,111, Cl. 501-127.000.

Fischer, Martin, to BASF Aktiengesellschaft. Purification of vitamin D_3. 4,529,546, 7-16-85, Cl. 260-397.200.

Fischer, Martin: *See—*

Menig, Helmuth; Fischer, Martin; and Baer, Karl, 4,560,769, Cl. 548-560.000.

Fischer, Michael F.: *See—*

Moore, Dan T., III; Fischer, Michael F.; and Herceg, Laurie S., 4,494,671, Cl. 220-256.000.

Moore, Dan T., III; and Fischer, Michael F., 4,514,243, Cl. 156-113.000.

Fischer, Paul M.; and Schwarz, Carl E., to Donaldson Company, Inc. Single-ended, spin-on fuel water separator. 4,512,882, 4-23-85, Cl. 210-86.000.

Fischer, Paul M.; and Schwarz, Carl E., to Donaldson Company, Inc. Double-ended, spin-on fuel water separator. 4,522,712, 6-11-85, Cl. 210-86.000.

Fischer, Peter; Groh, Reiner; and Vahlensieck, Hans-Joachim, to Dynamit Nobel Aktiengesellschaft. Method for the continuous preparation of alkoxysilanes. 4,506,087, 3-19-85, Cl. 556-471.000.

Fischer, Peter; and Schubert, Paul, to Alfing Kessler Sondermaschinen GmbH. Tool exchanging device for a multi-spindle machine tool. 4,535,527, 8-20-85, Cl. 29-568.000.

Fischer, Peter: *See—*

Hirsch, Martin; Fischer, Peter; and Serbent, Harry, 4,540,432, Cl. 75-43.000.

Fischer & Porter Company: *See—*

Appel, Eggert; Geisler, Gottfried; and Kiene, Wilfried, 4,539,853, Cl. 73-861.120.

Herzl, Peter J., 4,550,614, Cl. 73-861.190.

Schmoock, Roy F., 4,497,212, Cl. 73-861.120.

Shauger, Herbert A., 4,562,54[illegible] Cl. 364-484.000.

Fischer, Reinhard, to Siemens Aktiengesellschaft. Digital FSK demodulator using non-recursive transversal filter. 4,533,874, 8-6-85, Cl. 329-50.000.

Fischer, Richard J., to Gates Rubber Company, The. Radially extensible joint packing with O-ring. 4,496,161, 1-29-85, Cl. 277-1.000.

Fischer, Richard J., to Gates Rubber Company, The. Radially extensible joint packing with helical spring support means. 4,509,763, 4-9-85, Cl. 277-163.000.

Fischer, Robert: *See—*

Menschner, Rolf; and Fischer, Robert, 4,501,778, Cl. 427-376.200.

Fischer, Robert A. Multiple piece cutting tip. 4,548,358, 10-22-85, Cl. 239-424.000.

Fischer, Robert L.; Pulcrano, Frank C.; Coldiron, Lee C.; Topping, Terry M.; Potter, J. H.; and Owens, Robert H., to ACF Industries, Incorporated. Robot safety mechanism. 4,557,661, 12-10-85, Cl. 414-730.000.

Fischer, Robert T.; and Wahlstrom, Merle D., to Miner Enterprises, Inc. Tamper-proof railroad hopper car door operating system. 4,542,701, 9-24-85, Cl. 105-240.000.

Fischer, Roland: *See—*

Bachmann, Erich; Fabel, Ludwig; Fischer, Roland; Peter, Werner; Scheiter, Bernd; and Wenzel, Werner, 4,508,494, Cl. 418-13.000.

Tietze, Lutz-Friedjan; and Fischer, Roland, 4,524,202, Cl. 536-18.500.

Fischer, Rolf; Weitz, Hans-Martin; and Siegel, Hardo, to BASF Aktiengesellschaft. Preparation of but-2-ene-1,4-diones substituted in the 1,4-positions. 4,513,150, 4-23-85, Cl. 568-385.000.

Fischer, Rolf; Weitz, Hans-Martin; and Paust, Joachim, to BASF Aktiengesellschaft. Preparation of 2-alkyl-4,4-diacyloxybut-2-enals. 4,521,342, 6-4-85, Cl. 260-410.000.

Fischer, Rolf; and Weitz, Hans-Martin, to BASF Aktiengesellschaft. Acyloxyalkadienoates and their preparation. 4,529,814, 7-16-85, Cl. 560-183.000.

Fischer, Rolf; and Hermann, Dietmar, to Continental Gummi-Werke Aktiengesellschaft. Apparatus for producing profiled strands. 4,534,724, 8-13-85, Cl. 425-295.000.

Fischer, Rolf: *See—*

Schmieder, Klaus; Paust, Joachim; Fischer, Rolf; and Weitz, Hans-Martin, 4,543,417, Cl. 549-375.000.

Schnabel, Rolf; Kissau, Gerd; Weitz, Hans-Martin; and Fischer, Rolf, 4,504,676, Cl. 560-244.000.

Weitz, Hans-Martin; Fischer, Rolf; and Paust, Joachim, 4,506,096, Cl. 560-262.000.

Fischer, Ronald E. Protective pad for side of motor vehicle. 4,561,685, 12-31-85, Cl. 293-128.000.

Fischer, Rudolf; and Spiegel, Nikolaus, to Heidelberger Druckmaschinen AG. Device and process for high-precision measurement of the phase relationship and phase displacement, respectively, of two pulse trains. 4,499,760, 2-19-85, Cl. 73-159.000.

Fischer, Rudolf, to Maag Gear-Wheel & Machine Company Limited. Cutting tool for planing gear tooth flanks. 4,557,639, 12-10-85, Cl. 407-20.000.

Fischer, Thomas; and Bongers, Bernd, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Connecting rod made of fiber reinforced synthetic material. 4,546,669, 10-15-85, Cl. 74-579.00E.

Fischer, Thomas, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Connecting rod made of fiber reinforced synthetic material. 4,555,961, 12-3-85, Cl. 74-579.00E.

Fischer, Walter, to Nestle & Fischer. Angle-measuring instrument having an indicator for the degree of angle. 4,513,512, 4-30-85, Cl. 33-471.000.

Fischer, Walter; and Zweifel, Hans, to Ciba-Geigy Corporation. Tetrasubstituted phthalic acid derivatives, and a process for their preparation. 4,537,977, 8-27-85, Cl. 549-243.000.

Fischer, Walter: *See—*

Finter, Jurgen; and Fischer, Walter, 4,560,643, Cl. 430-346.000.

Fischer, Walter A.: *See—*

Evel, Eddie A.; Landgraf, Robert M.; Fischer, Walter A.; and Risley, William B., 4,529,930, Cl. 324-77.00A.

Fischer, Werner; Flaig, Ulrich; Hettich, Gerhard; and Locher, Johannes, to Robert Bosch GmbH. Short-circuit-protected evaluation circuit of high stability for variable inductance transducers. 4,527,121, 7-2-85, Cl. 324-207.000.

Fischer, Werner; Flaig, Ulrich; and Locher, Johannes, to Robert Bosch GmbH. Emergency control apparatus for a Diesel engine. 4,534,328, 8-13-85, Cl. 123-359.000.

Fischer, Werner: *See—*

Flaig, Ulrich; Fischer, Werner; Locher, Johannes; and Schmidt, Wolfgang, 4,541,271, Cl. 73-117.300.

Fischer, Willi: *See—*

Fauser, Friedrich; and Fischer, Willi, 4,517,057, Cl. 202-205.000.

Fischer, William C.; Adams, Don L.; Wright, Stuart C.; Verzella, David J.; and Sivigny, Arthur L., to United Technologies Corporation. Shutdown monitor for a helicopter pitch bias actuator. 4,528,628, 7-9-85, Cl. 364-424.000.

Fischer, William C.: *See—*

Johnson, Raymond G., Jr.; Trustee, Bill L.; and Fischer, William C., 4,534,702, Cl. 416-20.00R.

Fischer, William H., to Opcon, Inc. Ball and socket mount for optical sensing system source and/or detector devices. 4,515,336, 5-7-85, Cl. 248-288.300.

Fischer, William H., to Presray Corporation, The. Inflatable plug. 4,518,015, 5-21-85, Cl. 138-93.000.

Fischer, Willy G.; and Thom, Elmar, to Henschel Flugzeug-Werke AG. Apparatus for adjusting the track of rotor blades through remote control. 4,498,842, 2-12-85, Cl. 416-155.000.

Fischer, Wolfgang; and Leiblein, Felix, to Bayer Aktiengesellschaft. Medicaments containing muzolimine, their use and processes for their production. 4,536,511, 8-20-85, Cl. 514-404.000.

Fischer, Wolfgang; Seitz, Georg; and Krenn, Karl-Dieter, to Merck Patent Gesellschaft mit beschrankter Haftung. Karl-Fischer reagent and procedure for the determination of water using it. 4,550,083, 10-29-85, Cl. 436-42.000.

Fischer, Wolfgang: *See—*

Huber, Guntram; Fischer, Wolfgang; and Klie, Wolfgang, 4,542,925, Cl. 293-120.000.

Fischle, Martin: *See—*

Barlian, Reinhold; and Fischle, Martin, 4,553,432, Cl. 73-336.000.

Fischler, Henryk; Krupka, Yaakov; and Behar, Salamon, to Yeda Research and Development Company Ltd. Method and apparatus for automatically evaluating the quality of the performance of a cardiac pacing system. 4,527,567, 7-9-85, Cl. 128-419.0PT.

Fish, Falk: *See—*

Herzberg, Max; and Fish, Falk, 4,549,011, Cl. 536-31.000.

Fish, Floyd H., Jr.; and Lauterbach, Herbert G., to Du Pont de Nemours, E. I., and Company. Composites reinforced with high strength aramid fibers having fibrillated ends. 4,552,805, 11-12-85, Cl. 428-297.000.

Fish, Leonard A.: *See—*

Glinka, John; and Fish, Leonard A., 4,534,373, Cl. 133-5.00R.

Fish, Richard H., to United States of America, Energy. Removal of arsenic compounds from petroliferous liquids. 4,518,490, 5-21-85, Cl. 208-251.00R.

Fish, Richard H., to United States of America, Energy. Removal of arsenic compounds from spent catecholated polymer. 4,552,854, 11-12-85, Cl. 502-26.000.

Fish, Russell, III; and Yurchenco, James R., to Post Technologies, Inc. Low-cost electronic mail terminal. 4,524,242, 6-18-85, Cl. 178-4.000.

Fish, Russell, III; and Yurchenco, James R., to Post Technologies, Inc. Thermal printer for a low cost electronic mail terminal. 4,549,825, 10-29-85, Cl. 400-692.000.

Fish, William M.: *See—*

Schlesinger, Allen H.; Hudson, L. Keith; and Fish, William M., 4,530,699, Cl. 23-301.000.

Fishback, Alton J., to Mead Corporation, The. Apparatus for imparting angular movement to articles while being moved along a predetermined path. 4,499,990, 2-19-85, Cl. 198-411.000.

Fishburne, B. P., Jr.: *See—*

Braginetz, Paul A., 4,527,375, Cl. 52-712.000.

Fishel, Clark N. Valve accentuation mechanism for opposed inverted V engine. 4,494,442, 1-22-85, Cl. 91-181.000.

Fisher, Albert W., to RCA Corporation. Method of making a multi-level metallization structure for semiconductor device. 4,520,554, 6-4-85, Cl. 29-591.000.

Fisher, Allan J., to Newall Engineering Company Limited, The. Profile machining apparatus. 4,501,093, 2-26-85, Cl. 51-165.710.

Fisher, Almon P., to Xerox Corporation. Cleaning apparatus for a magnetographic printing device. 4,522,488, 6-11-85, Cl. 355-15.000.

Fisher, Almon P.: *See—*

Drews, Reinhold E.; Fisher, Almon P.; Hermanson, Herman A.; and Pond, Stephen F., 4,531,137, Cl. 346-74.400.

Hermanson, Herman A.; and Fisher, Almon P., 4,556,890, Cl. 346-74.400.

Fisher, Barbara J.: *See—*

Rutledge, David L.; and Fisher, Barbara J., 4,503,387, Cl. 324-73.00R.

Fisher, Charles B.; and Fisher, Sidney T. Keyboard with simultaneous operations. 4,498,073, 2-5-85, Cl. 340-365.00S.

Fisher, Charles B.; and Fisher, Sidney T. Predistorted AM stereo transmission. 4,510,614, 4-9-85, Cl. 381-16.000.

Fisher, Charles B.: *See—*
- Carpenter, Paul E.; Fisher, Charles B.; and Peash, Douglas E., 4,520,424, Cl. 361-383.000.

Fisher, Chester: *See—*
- Tran, Danh C.; and Fisher, Chester, 4,539,032, Cl. 65-32.000.

Fisher, Chester D., to Koppers Company, Inc. Material collector and discharger apparatus. 4,555,254, 11-26-85, Cl. 55-345.000.

Fisher Controls Company, Inc.: *See—*
- Burlage, Brian J.; Wiklund, David E.; and Lenz, Gary A., 4,559,832, Cl. 73-861.240.

Fisher Controls International, Inc.: *See—*
- Brestel, Ronald R.; and Meyer, Dale L., 4,519,579, Cl. 251-172.000.
- Claney, Robert L.; Walton, Herbert H.; Kehoe, Steven D.; and Barron, Kimball R., 4,554,943, Cl. 137-242.000.
- Gassman, George W.; and Varnum, Gerald F., 4,509,403, Cl. 91-365.000.
- Pederson, Richard H., 4,543,536, Cl. 330-85.000.
- Walton, Herbert H.; and Kehoe, Steven D., 4,532,961, Cl. 137-625.310.

Fisher, D. Larry, to Sunwood Energy Systems, Inc. Thermal collector and storage system. 4,495,937, 1-29-85, Cl. 126-430.000.

Fisher, David A., to International Standard Electric Corporation. Echo canceller. 4,539,675, 9-3-85, Cl. 370-32.000.

Fisher, David A.: *See—*
- Faber, Ulbe; Davis, Robert L.; Fisher, David A.; and McGonagle, Joseph D., 4,558,411, Cl. 364-200.000.

Fisher, Denys, to Waddingtons Games Limited. Movable mosaics. 4,550,040, 10-29-85, Cl. 428-33.000.

Fisher, Don E.; and Wilkie, Arnold E., to Monsanto Company. Ring spinning processes for converting sliver to carpet yarn. 4,534,161, 8-13-85, Cl. 57-125.000.

Fisher, Don J.; and North, Donald F., to Peerless Manufacturing Company. Filter tube gasket. 4,526,378, 7-2-85, Cl. 277-12.000.

Fisher, Edmund A.: *See—*
- Burke, James S.; Miller, David L.; and Fisher, Edmund A., 4,541,449, Cl. 137-72.000.

Fisher, Edwin N., to Atlantic Richfield Company. Ice aggregate road and method and apparatus for constructing same. 4,544,304, 10-1-85, Cl. 404-17.000.

Fisher, Edwin P.: *See—*
- Salas, Edward R.; Fisher, Edwin P.; Johnson, Robert B.; Nibby, Chester M., Jr.; and Boudreau, Daniel A., 4,545,010, Cl. 364-200.000.

Fisher, Gary H.; and Padgett, H. Pat, to Industrial Sheet Metal & Mechanical Corp. Air-conditioning system. 4,552,303, 11-12-85, Cl. 236-44.00C.

Fisher, Gene A.: *See—*
- Mottram, William R.; Fisher, Gene A.; and Feierabend, Louis, 4,502,873, Cl. 55-179.000.

Fisher, George W. Nut and washer holding adjustable wrench. 4,552,039, 11-12-85, Cl. 81-64.000.

Fisher, Glen W., to Technovators, Inc. Flow control insert for hopper bottom bins. 4,548,342, 10-22-85, Cl. 222-145.000.

Fisher, Glen W., to Technovators, Inc. Material blending system. 4,560,285, 12-24-85, Cl. 366-341.000.

Fisher, Harry M.; and Fisher, Stuart N., to Yoshida Kogyo K.K. Apparatus for producing slide fasteners from continuous fastener chain. 4,495,686, 1-29-85, Cl. 29-409.000.

Fisher, Harry M.; and Fisher, Stuart N., to Yoshida Kogyo K.K. Apparatus for producing slide fasteners from continuous fastener chain. 4,545,118, 10-8-85, Cl. 29-768.000.

Fisher, Harry M.; and Fisher, Stuart N., to Talon, Inc. Slide fastener chain apparatus of manufacture. 4,557,027, 12-10-85, Cl. 29-33.200.

Fisher, Harry S., to Spider Staging, Inc. Mobile outrigger for suspending scaffold. 4,496,027, 1-29-85, Cl. 182-142.000.

Fisher, Harry W.; and Hrivnak, Emil E., to Rockwell International Corporation. Compressed natural gas dispensing system. 4,527,600, 7-9-85, Cl. 141-4.000.

Fisher, Howard Z., to AMP Incorporated. Heat recoverable sleeve forming wrap. 4,517,234, 5-14-85, Cl. 428-119.000.

Fisher, James E., to United Technologies Corporation. Bushing securing apparatus. 4,498,790, 2-12-85, Cl. 384-428.000.

Fisher, Jared D.: *See—*
- Fisher, Susan S.; and Fisher, Jared D., 4,514,871, Cl. 5-508.000.

Fisher, Jed F., to University of Minnesota, Regents of the. Complexation of anthracycline and anthraquinone antibiotics by the apo riboflavin binding protein from eggs. 4,534,971, 8-13-85, Cl. 514-21.000.

Fisher, John H.; and Ferdinandi, Frank, to Precision Grinding Limited. Apparatus for use in monitoring a plurality of variable parameters. 4,551,795, 11-5-85, Cl. 364-139.000.

Fisher, John H.: *See—*
- Humberstone, Victor C.; and Fisher, John H., 4,532,197, Cl. 430-41.000.
- Pettigrew, Robert M.; Bradbrook, John D.; Smith, Alan M.; and Fisher, John H., 4,522,482, Cl. 355-3.00R.

Fisher, John L.; and Curtis, Joe E., Jr., to Kuhlman Corporation. Transformer core and method and apparatus for forming same. 4,494,102, 1-15-85, Cl. 336-212.000.

Fisher, John M., to B. F. Goodrich Company, The. Escape slide and life raft. 4,519,782, 5-28-85, Cl. 441-40.000.

Fisher, John M.; and Putt, James C., to B. F. Goodrich Company, The. Valve for high pressure fluid container. 4,520,838, 6-4-85, Cl. 137-69.000.

Fisher, John M., to B. F. Goodrich Company, The. Aircraft slide packing fixture. 4,534,445, 8-13-85, Cl. 182-48.000.

Fisher, John R., Jr.: *See—*
- Bailey, Alred S.; and Fisher, John R., Jr., 4,558,812, Cl. 228-180.100.

Fisher, Kenneth J., to American Sterilizer Company. Valve. 4,502,506, 3-5-85, Cl. 137-624.120.

Fisher, Kenneth J.; and Miller, William R., to American Sterilizer Company. Magnetically supported surgical light. 4,538,214, 8-27-85, Cl. 362-147.000.

Fisher, Martin J.; Heron, Roger A.; and Hughes, Martin L., to National Research Development Corporation. Determining the level of contaminants in a hydraulic system. 4,495,799, 1-29-85, Cl. 73-61.00R.

Fisher, Michael M.: *See—*
- Wang, David W.; Fisher, Michael M.; and Thomas, Walter M., 4,562,246, Cl. 528-423.000.

Fisher, Paul A., to Sperry Corporation. Sl[illegible] length timer. 4,532,504, 7-30-85, Cl. 340-739.000.

Fisher, Ralph H., to Lake, Rutherford C., Jr.; and [illegible]erg, John E., part interest to each. Reversible cycle heating and cooling system. 4,493,193, 1-15-85, Cl. 62-160.000.

Fisher, Ralph H. Reversible cycle heating and cooling system. 4,553,401, 11-19-85, Cl. 62-160.000.

Fisher, Richard. Automatic hose reel. 4,513,772, 4-30-85, Cl. 137-355.220.

Fisher, Richard K., Jr., to Allis-Chalmers Corporation. Draft tube for hydraulic turbine. 4,515,524, 5-7-85, Cl. 415-219.00R.

Fisher, Richard T. Magnetic flux-shifting actuator. 4,538,129, 8-27-85, Cl. 335-230.000.

Fisher, Robert A.; and Peters, David L., to Singer Company, The. Device to compensate for distortion in target location in a visual system. 4,518,360, 5-21-85, Cl. 434-20.000.

Fisher, Robert E.: *See—*
- Palm, Richard R.; James, Robert G.; and Fisher, Robert E., 4,534,706, Cl. 417-17.000.

Fisher, Robert G.; Meldrum, Ian G.; Plomer, Alan J.; and Robinson, Richard A., to British Petroleum Company Limited, The. Method of encapsulating a polluting liquid. 4,497,663, 2-5-85, Cl. 134-4.000.

Fisher, Robert L., to Kollmorgen Technologies Corporation. Brushless DC tachometer. 4,562,399, 12-31-85, Cl. 322 94.000.

Fisher, Robert L.: *See—*
- Langley, Lawrence W.; and Fisher, Robert L., 4,547,713, Cl. 318-254.000.

Fisher, Ronald: *See—*
- Fennell, Thomas G.; and Fisher, Ronald, 4,526,616, Cl. 75-234.000.

Fisher, Sidney E., to Britax Weathershields Limited. Hinge comprising an arcuate spade member and an arcuate socket. 4,521,937, 6-11-85, Cl. 16-332.000.

Fisher, Sidney T.: *See—*
- Fisher, Charles B.; and Fisher, Sidney T., 4,498,073, Cl. 340-365.00S.
- Fisher, Charles B.; and Fisher, Sidney T., 4,510,614, Cl. 381-16.000.

Fisher, Stan E.: *See—*
- Goegelein, Gerald W.; Longmore, Paul H.; and Fisher, Stan E., 4,551,837, Cl. 371-25.000.

Fisher, Stanton E. Hair-containing rawhide toys. 4,535,725, 8-20-85, Cl. 119-29.000.

Fisher, Stuart N.: *See—*
- Fisher, Harry M.; and Fisher, Stuart N., 4,495,686, Cl. 29-409.000.
- Fisher, Harry M.; and Fisher, Stuart N., 4,545,118, Cl. 29-768.000.
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Fisher, Susan S.; and Fisher, Jared D. Waterbed convertible cap. 4,514,871, 5-7-85, Cl. 5-508.000.

Fisher, Terrence L.: *See—*
- Spencer, John E.; Greene, Reginald S.; and Fisher, Terrence L., 4,492,443, Cl. 354-121.000.

Fisher, Thomas M., to Reliance Electric Company. Telephone including resistive array for dialing and system for using such telephone. 4,523,056, 6-11-85, Cl. 179-81.00R.

Fisher, William M. Vehicle with pneumatic assembly for driving, braking, and reducing friction on bearings. 4,537,269, 8-27-85, Cl. 180-10.000.

Fishery Products, Inc.: *See—*
- Murphy, Gordon D.; and Bishop, Ernest C., 4,517,206, Cl. 426-115.000.

Fishkind, Gregory A.: *See—*
- Maroney, Ralf P.; and Fishkind, Gregory A., 4,555,744, Cl. 361-212.000.

Fishler, Jay. Article dispensing apparatus. 4,515,290, 5-7-85, Cl. 221-124.000.

Fishler, Mark K.: *See—*
- Morris, Martin; and Fishler, Mark K., 4,540,675, Cl. 501-99.000.

Fishlock, Gary: *See—*
- MacNair, Leonard I.; and Fishlock, Gary, 4,503,999, Cl. 222-402.160.

Fishman, David S., to Rogers Corporation. Decoupling capacitor and method of manufacture thereof. 4,499,519, 2-12-85, Cl. 361-306.000.

Fishman, David S.: *See—*
- Gottlieb, Michael M.; and Fishman, David S., 4,491,895, Cl. 361-306.000.
- Gottlieb, Michael M.; Fishman, David S.; and Buysse, Henri, 4,497,012, Cl. 361-306.000.

- Fishman, Herbert; and Rogers, Alvin J., to Systems Engineering & Manufacturing Corp. Printed circuit board component conveyor apparatus and process. 4,539,069, 9-3-85, Cl. 156-640.000.
- Fishman, Jack; and Mayairi, Shinichi, to Rockefeller University, The. Estrogen synthesis inhibitors. 4,546,098, 10-8-85, Cl. 514-177.000.
- Fishman, Max; and Nichols, James D., to Jones Futura Foundation, Ltd. Television signal bandwidth reduction using variable rate transmission. 4,541,008, 9-10-85, Cl. 358-13.000.
- Fishter, Robert E.; McDaniel, Paul L.; and Tefft, Stephen W., to United Technologies Corporation. Chemical milling IN-100 nickel superalloy. 4,534,823, 8-13-85, Cl. 156-626.000.
- Fisk, Thomas E., to Dow Chemical Company, The. Stable dispersions of polymers in polyfunctional compounds having a plurality of active hydrogens. 4,493,908, 1-15-85, Cl. 521-137.000.
- Fisk, Thomas E., to Dow Chemical Company, The. Stable dispersions of polymers in polyfunctional compounds having a plurality of active hydrogens. 4,500,675, 2-19-85, Cl. 524-762.000.
- Fisons plc: *See—*
  - Altounyan, Roger E. C.; and Auty, Richard M., 4,509,515, Cl. 128-200.230.
  - Bantick, John R.; Fuher, John; Hardern, David N.; and Lee, Thomas B., 4,518,612, Cl. 514-457.000.
  - Bennion, Colin; and Robinson, David, 4,499,269, Cl. 544-198.000.
  - Molloy, James O.; Sydenham, Peter E.; and Hulejczuk, Roman A., 4,560,007, Cl. 169-54.000.
  - Newman, Peter M.; and Jenkins, Anthony W., 4,515,805, Cl. 514-460.000.
  - Stevenson, Neil A., 4,526,899, Cl. 514-456.000.
- Fissmann, Hans-Joachim; Meinecke, Albrecht; and Kemmer, Manfred, to J. M. Voith GmbH. Air guide box for the dryer section of a paper making machine. 4,502,231, 3-5-85, Cl. 34-114.000.
- Fissmann, Hans-Joachim: *See—*
  - Osswald, Manfred; Rau, Hanns; and Fissmann, Hans-Joachim, 4,505,052, Cl. 34-114.000.
- Fister, Julius C.; and Breedis, John F., to Olin Corporation. Electrical component forming process. 4,500,605, 2-19-85, Cl. 428-469.000.
- Fister, Julius C.: *See—*
  - Breedis, John F.; and Fister, Julius C., 4,498,121, Cl. 361-401.000.
  - Breedis, John F.; and Fister, Julius C., 4,500,028, Cl. 228-117.000.
- Fister, Louis P.; Pearson, Herby O.; and Fitch, Lawrence H., to Moog Automotive, Inc. Engine torque resisting strut and vibration damper. 4,518,058, 5-21-85, Cl. 180-300.000.
- Fistner, David C., Sr.: *See—*
  - McGarry, Phillip E.; Herman, David E.; Treskot, Robert A.; and Fistner, David C., Sr., 4,514,291, Cl. 209-166.000.
- Fitch, John L.; and Mullins, Lynn D., to Mobil Oil Corporation. Solvent flooding to recover viscous oils. 4,510,997, 4-16-85, Cl. 166-263.000.
- Fitch, John L.; and Strubhar, Malcolm K., to Mobil Oil Corporation. Method for controlling the vertical growth of hydraulic fractures. 4,515,214, 5-7-85, Cl. 166-250.000.
- Fitch, Lawrence H.: *See—*
  - Fister, Louis P.; Pearson, Herby O.; and Fitch, Lawrence H., 4,518,058, Cl. 180-300.000.
- Fite, Arley R.: *See—*
  - Holman, Carroll; and Fite, Arley R., 4,491,150, Cl. 137-565.000.
- Fitness Products, Inc.: *See—*
  - Wrinkle, Rodney P., 4,531,729, Cl. 272-123.000.
- Fitoussi, Richard; Leveque, Alain; and Sabot, Jean-Louis, to Rhone-Poulenc S.A. Liquid/liquid extraction of acidic aqueous streams comprising sulfate/titanium/iron values. 4,499,058, 2-12-85, Cl. 423-70.000.
- Fitter, Johan C.; and Henderson, David J., to Fitter, Johan Christiaan. Filler unit for topping up a container with liquid. 4,544,004, 10-1-85, Cl. 141-31.000.
- Fitter, Johan Christiaan: *See—*
  - Fitter, Johan C.; and Henderson, David J., 4,544,004, Cl. 141-31.000.
- Fitterer, Horst; Roos, Roland; Muenzner, Wulf; Balz, Werner; and Berger, Heinz, to BASF Aktiengesellschaft. Tape cassette and spring member therefor. 4,557,433, 12-10-85, Cl. 242-187.000.
- Fitterer, Horst: *See—*
  - Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,515,331, Cl. 242-199.000.
  - Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,541,587, Cl. 242-197.000.
- Fitton, Paul; and Holland, Peter J., to Dycem Limited. Anti-static highly-plasticized polyvinylchloride. 4,521,553, 6-4-85, Cl. 523-333.000.
- Fitts, Robert W.; and Smith, Edgar M., to RCA Corporation. Electrostatic shutter tube having substantially orthogonal pairs of deflection plates. 4,528,447, 7-9-85, Cl. 250-213.0VT.
- Fitz, Forest G., Jr.: *See—*
  - Budzich, Mieczlyslaw; and Fitz, Forest G., Jr., 4,534,254, Cl. 83-425.200.
- Fitz, Herbert: *See—*
  - Neumann, Wolfgang; Hendriock, Hans-Jurgen; and Fitz, Herbert, 4,556,589, Cl. 428-35.000.
- Fitzer, Erich; Brennfleck, Karl; and Schlichting, Jurgen, deceased (by Fischer, Isabella, administrator), to MTU Motoren-und Turbinen-Union Munchen GmbH. Method of forming a heat-barrier layer on a metal substrate. 4,540,606, 9-10-85, Cl. 427-247.000.
- Fitzer, Robert C.; Deyak, Frank L.; and Fabbrini, Charles J., to Minnesota Mining and Manufacturing Company. Transfer sheet bearing a thermally transferable ink composition and article made therefrom. 4,542,078, 9-17-85, Cl. 428-914.000.
- Fitzer, Robert C.: *See—*
  - Fabbrini, Charles J.; Fitzer, Robert C.; and Deyak, Frank L., 4,513,107, Cl. 524-56.000.
- Fitzgerald, Charles S.: *See—*
  - Berthold, John W., III; and Fitzgerald, Charles S., 4,536,827, Cl. 362-32.000.
- Fitzgerald, David J.: *See—*
  - Pastan, Ira; Willingham, Mark C.; and Fitzgerald, David J., 4,545,985, Cl. 424-85.000.
- Fitzgerald, Gary W.; Gulibon, Robert S.; and Penrod, Paula M., to Kennametal Inc. Boring tool and method of reducing vibrations therein. 4,553,884, 11-19-85, Cl. 408-143.000.
- Fitzgerald, J. Vincent; Matusik, Frank J.; and Nelson, Donald W., to National Metal and Refining Company, Ltd. In-line vibratory viscometer-densitometer. 4,524,610, 6-25-85, Cl. 73-54.000.
- Fitzgerald, James L. Instrument for indirect ophthalmoscopy and electrical energy producing means therefor. 4,514,062, 4-30-85, Cl. 351-205.000.
- Fitzgerald, James L. Instrument for indirect ophthalmoscopy and electrical energy producing means therefor. 4,514,476, 4-30-85, Cl. 429-94.000.
- Fitzgerald, John P. Rodent trap. 4,497,130, 2-5-85, Cl. 43-98.000.
- Fitzgerald, Karen M.: *See—*
  - Yeakley, Lester M.; and Fitzgerald, Karen M., 4,497,465, Cl. 248-466.000.
- Fitzgerald, Marilyn. Game with individual two part boards. 4,508,351, 4-2-85, Cl. 273-248.000.
- Fitzgerald-Smith, James P.; Bird, Bertram; and Willis, Michael, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Bridge module for use in a crane assisted method of building a transportable girder bridge. 4,520,523, 6-4-85, Cl. 14-2.400.
- Fitzgerald-Smith, James P., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Transportable pontoon. 4,561,376, 12-31-85, Cl. 114-267.000.
- Fitzgerald, William C.: *See—*
  - Allen, Edwin M.; Foust, Eugene C.; Sievert, Steven A.; Fitzgerald, William C.; and Moffitt, Max L., 4,523,842, Cl. 356-124.000.
- Fitzgerald, William V., to RCA Corporation. Television receiver power supply regulation responding to beam current changes. 4,525,739, 6-25-85, Cl. 358-190.000.
- Fitzke, Emil V.: *See—*
  - Colacello, Michael A.; Fitzke, Emil V.; and Otto, Jack F., 4,561,874, Cl. 65-36.000.
- Fitzmaurice, Ian P., to Lucas Industries Inc. Gas turbine engine fuel control systems. 4,543,782, 10-1-85, Cl. 60-39.281.
- Fitzmayer, Louis H., to General Electric Company. Microwave excitation system. 4,496,814, 1-29-85, Cl. 219-10.55F.
- Fitzner, Marcel; and Pinnell, Vesta P., Jr. Removable tray for microphone stands. 4,501,201, 2-26-85, Cl. 108-27.000.
- Fitzpatrick, Brian J., to North American Philips Corporation. Green luminescent cathode-ray tube device with improved color filtering system. 4,538,089, 8-27-85, Cl. 313-478.000.
- Fitzpatrick, Brian J., to North American Philips Corporation. Green luminescing cathode-ray tube device. 4,547,699, 10-15-85, Cl. 313-478.000.
- Fitzpatrick, J. Michael: *See—*
  - Smolanoff, Joel R.; Fitzpatrick, J. Michael; and Ollinger, Janet, 4,544,553, Cl. 514-92.000.
- Fitzpatrick, John F. Inspection tool. 4,539,753, 9-10-85, Cl. 33-169.00C.
- Fitzpatrick, Stephen T.; and Krawiec, Richard M., to Occidental Chemical Corporation. Polyvinyl chloride suspension polymerization process and product having improved plasticizer absorption. 4,526,946, 7-2-85, Cl. 526-202.000.
- Fitzpatrick, William B., to Storage Technology Corporation. (1,8) Data encoder/decoder. 4,538,189, 8-27-85, Cl. 360-40.000.
- Fitzsimmons, Christine M., to Conceptual Arts, Ltd. Three-dimensional fabric painting surfaces. 4,542,055, 9-17-85, Cl. 428-102.000.
- Fitzsimmons, Clement J. Transmission. 4,534,747, 8-13-85, Cl. 474-1.000.
- Fitzsimmons, John J., Jr. Modular carrying case. 4,503,955, 3-12-85, Cl. 190-107.000.
- Fitzsimons, James R.: *See—*
  - Cheal, James; and Fitzsimons, James R., 4,536,752, Cl. 340-554.000.
- FitzSimons, Louis N. Earth retaining end element for use with overfilled load support structures. 4,537,529, 8-27-85, Cl. 405-125.000.
- FitzSimons, Louis N., to Bebo of America. Hinge for use with large pre-cast overfilled load support structures. 4,558,969, 12-17-85, Cl. 405-124.000.
- Fitzwater, Edwin, to Regina Corporation. Indicator nozzle for cleaning devices. 4,559,665, 12-24-85, Cl. 15-339.000.
- Fitzwater, Edwin, to Regina Corporation. Dripless nozzle for a cleaning device. 4,559,667, 12-24-85, Cl. 15-415.00R.
- Fitzwater, Margaret; and Keller, Lewis C., to Frito-Lay, Inc. Potato product with opposite phase-shifted corrugations of the same frequency and amplitude. 4,511,586, 4-16-85, Cl. 426-144.000.
- Fiumefreddo, John; and Tibolla, Julius F., to Challenger Circle F, Inc. Wiring device for mounting on sheet metal. 4,504,108, 3-12-85, Cl. 339-128.000.
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  - Leong, Henry; and Fiumefreddo, John, 4,493,523, Cl. 339-105.000.
  - Leong, Henry; and Fiumefreddo, John, 4,504,104, Cl. 339-63.00R.

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  - Buschor, Josef J., 4,555,216, Cl. 414-728.000.
- Fives-Cail Babcock: *See—*
  - Cazaux, Joel, 4,498,821, Cl. 409-300.000.
  - Dutu, Jacques; and Cosar, Paul, 4,555,992, Cl. 110-229.000.
  - Ghestem, Gerard, 4,521,978, Cl. 34-57.00R.
  - Lebesgue, Jean, 4,522,131, Cl. 110-229.000.
  - Pietryka, Joseph, 4,524,818, Cl. 164-448.000.
- Fix, James E.; and Crews, Gary A., to Atlantic Richfield Company. Method and apparatus for recording broad-band seismic data. 4,499,565, 2-12-85, Cl. 367-49.000.
- Fix, Joseph A.: *See—*
  - Alexander, Jose; and Fix, Joseph A., 4,537,772, Cl. 514-9.000.
- Fiziko-Tekhnichesky Institut Akademii Nauk Belorusskoi SSR: *See—*
  - Chachin, Viktor N.; Kolos, Vladimir K.; Botyan, Viktor V.; and Postnikov, Viktor M., 4,519,230, Cl. 72-56.000.
- Fizyta, Wojciech L.; and Kaumeheiwa, Algen K., to Chrysler Corporation. Windshield washer dual spray nozzle. 4,516,288, 5-14-85, Cl. 15-250.040.
- Fjalkinge Potato Processing Machinery AB: *See—*
  - Haraldsson, Roland; Bengtsson, Jan; and Friberg, Claes, 4,517,211, Cl. 426-444.000.
- Fjallstam, Bjorn M.: *See—*
  - Sukonick, Josef; and Fjallstam, Bjorn M., 4,533,910, Cl. 340-721.000.
- Fjeldsted, Thomas P.; and Hatheway, Alson E., to Rockwell International Corporation. Linear optical scanner. 4,502,751, 3-5-85, Cl. 350-6.400.
- Flabbi, Luciano: *See—*
  - Moggi, Giovanni; Flabbi, Luciano; and Strepparola, Ezio, 4,530,969, Cl. 525-180.000.
- Flabeg GmbH: *See—*
  - Seitz, Rudolf, 4,527,047, Cl. 219-219.000.
- Flach, Jurgen, deceased (by Flach, Marlis, executor); Opitz, Rigobert; Daugart, Heinz; and Baden, Hans-Gunter, to Rheinmetall GmbH. Method and arrangement using a pair of resonant circuits for determining and indicating the position of an uneveness in the inner surface of pipes or other types of cylindrical structures. 4,507,608, 3-26-85, Cl. 324-220.000.
- Flach, Marlis, executor: *See—*
  - Flach, Jurgen, deceased; Opitz, Rigobert; Daugart, Heinz; and Baden, Hans-Gunter, 4,507,608, Cl. 324-220.000.
- Flachglas Aktiengesellschaft: *See—*
  - Bartelsen, Lutz; and Neuendorf, Hans-Cristoph, 4,513,196, Cl. 219-203.000.
  - Derner, Paul; Eckardt, Rudolf; and Neuendorf, Hans-Cristoph, 4,516,997, Cl. 65-106.000.
  - Groth, Rolf; and Muller, Dieter, 4,497,700, Cl. 204-192.00P.
  - Spittka, Horst; Eckardt, Rudolf; and Neuendorf, Cristoph, 4,519,829, Cl. 65-114.000.
  - Wiedenhofer, Heinrich; and Szabo, Tibor, 4,559,001, Cl. 425-114.000.
- Flack, John H., deceased (by Flack, Margaret A., administrator); and Simpson, Frank F., to Black & Decker Inc. Hand-held power tools including bearing supports for components undergoing linear movement. 4,497,380, 2-5-85, Cl. 173-117.000.
- Flack, Margaret A., administrator: *See—*
  - Flack, John H., deceased; and Simpson, Frank F., 4,497,380, Cl. 173-117.000.
- Flack, Toney S.: *See—*
  - Rangwala, Badruddin K.; and Flack, Toney S., 4,537,335, Cl. 222-496.000.
- Flackett, Dale R.; Jonas, Reinhard; and Trego, Brian R., to Dow Corning Limited; and Perennatorwerk Alfred Hagen GmbH. Organopolysiloxane composition curable to an elastomer and use thereof. 4,546,017, 10-8-85, Cl. 427-387.000.
- Fladerer, Heinrich, to Siemens Aktiengesellschaft. Synchronizing arrangement. 4,500,992, 2-19-85, Cl. 370-100.000.
- Fladerer, Heinrich; and Magerl, Johann, to Siemens Aktiengesellschaft. Arrangement for the synchronous demultiplexing of a time division multiplex signal. 4,542,503, 9-17-85, Cl. 370-100.000.
- Flagmeyer, Friedhelm: *See—*
  - Dietz, Gunter; and Flagmeyer, Friedhelm, 4,534,240, Cl. 74-545.000.
- Flaherty, Anthony H. Film wrap machine. 4,502,264, 3-5-85, Cl. 53-399.000.
- Flahive, Peter G.: *See—*
  - Allyn, Christopher L.; Flahive, Peter G.; Iglesias, David E.; Schlosser, Wolfgang O. W.; and Wemple, Stuart H., 4,498,093, Cl. 357-22.000.
- Flaig, Heinz, to Mannesmann Aktiengesellschaft. Safety mechanism for a hoist. 4,520,998, 6-4-85, Cl. 254-267.000.
- Flaig, John D.; and Wenstadt, Thomas D., to Outboard Marine Corporation. Throttle and timing linkage. 4,528,953, 7-16-85, Cl. 123-413.000.
- Flaig, John D.; and Taipale, Dale L., to Outboard Marine Corporation. Engine block with unitarily cast exhaust gas passages and water jacket cavity. 4,559,908, 12-24-85, Cl. 123-41.280.
- Flaig, Terrance L.; and Peterson, Gavrik, to Boeing Company, The. Controller for a brushless DC motor. 4,528,486, 7-9-85, Cl. 318-254.000.
- Flaig, Ulrich; and Sieber, Albrecht, to Robert Bosch GmbH. Emergency control device for fuel-dosing systems. 4,528,952, 7-16-85, Cl. 123-359.000.
- Flaig, Ulrich; Fischer, Werner; Locher, Johannes; and Schmidt, Wolfgang, to Robert Bosch GmbH. Measuring arrangement for continuous monitoring operating parameters of an internal combustion engine. 4,541,271, 9-17-85, Cl. 73-117.300.
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- Flaig, Ulrich: *See—*
  - Fischer, Werner; Flaig, Ulrich; Hettich, Gerhard; and Locher, Johannes, 4,527,121, Cl. 324-207.000.
  - Fischer, Werner; Flaig, Ulrich; and Locher, Johannes, 4,534,328, Cl. 123-359.000.
- Flair, Henry J.: *See—*
  - Nielsen, John C.; and Flair, Henry J., 4,545,126, Cl. 33-179.50R.
  - Rayburn, Charles C.; Padgitt, Howard R.; and Flair, Henry J., 4,533,813, Cl. 219-121.0LH.
- Flake, Clark J., to Armco Inc. Method for making grease from reclaimed oil. 4,543,196, 9-24-85, Cl. 252-35.000.
- Flakt Aktiebolag: *See—*
  - Andersson, Karl-Hugo; Karlsson, Ingemar; and Quick, Rolf, 4,505,053, Cl. 34-155.000.
  - Bockman, Ole K., 4,525,181, Cl. 55-71.000.
  - Herrlander, Bo, 4,514,196, Cl. 55-223.000.
  - Josefsson, Leif, 4,537,120, Cl. 98-115.200.
  - Lundqvist, Gosta B., 4,514,746, Cl. 361-385.000.
  - Matts, Sigvard, 4,522,635, Cl. 55-2.000.
  - Petersson, Rolf, 4,553,340, Cl. 34-114.000.
  - Widerby, Lennart, 4,512,356, Cl. 137-75.000.
  - Ziemer, Wolf; and Holle, Wilhelm, 4,554,766, Cl. 52-28.000.
- Flakus, Werner: *See—*
  - Disteldorf, Josef; and Flakus, Werner, 4,518,740, Cl. 524-783.000.
- Flam, Eric: *See—*
  - Allen, Douglas, Jr.; and Flam, Eric, 4,497,914, Cl. 523-105.000.
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- Flam, Frederick H. Machine readable punch card. 4,503,323, 3-5-85, Cl. 235-489.000.
- Flament, Thierry: *See—*
  - Picard, Gerard; Flament, Thierry; Tremillon, Bernard; Saint-Paul, Pierre; and Spiteri, Pierre, 4,559,993, Cl. 165-1.000.
- Flamig, Peter, to Protechna Herbst GmbH & Co. KG. Device for the photoelectric supervision of a warp loom. 4,549,413, 10-29-85, Cl. 66-163.000.
- Flamm, Daniel L.: *See—*
  - Cook, Joel M.; Donnelly, Vincent M.; Flamm, Daniel L.; Ibbotson, Dale E.; and Mucha, John A., 4,498,953, Cl. 156-646.000.
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- Flamm, Peter M., to ITT Industries, Inc. Color-television receiver with at least one digital integrated circuit for processing the composite color signal. 4,491,862, 1-1-85, Cl. 358-21.00R.
- Flamm, Peter M.; Mlynek, Daniel; Schmidtpott, Friedrich; and Praxmarer, Alfred, to ITT Industries, Inc. Digital integrated chrominance-channel circuit with gain control. 4,539,583, 9-3-85, Cl. 358-27.000.
- Flamm, Peter M., to ITT Industries, Inc. MOS parallel A/D converter. 4,547,763, 10-15-85, Cl. 340-347.0CC.
- Flamme, Jean M.: *See—*
  - Leroy, Andre; and Flamme, Jean M., 4,556,372, Cl. 418-1.000.
- Flamme, Jean-Marie G.: *See—*
  - Leroy, Andre R.; and Flamme, Jean-Marie G., 4,525,891, Cl. 15-250.230.
- Flamme, Walter; and Rahn, Oskar, to L. Schuler GmbH. Tool changing mechanism. 4,530,148, 7-23-85, Cl. 29-568.000.
- Flanagan, Elaine W., to Starmax, Inc. Interment arrangements for cremated remains. 4,521,999, 6-11-85, Cl. 52-103.000.
- Flanagan, Eugene L., III, to American Home Products Corporation (Del.). Ultrasonic imaging device. 4,520,830, 6-4-85, Cl. 128-660.000.
- Flanagan, Eugene L., III: *See—*
  - Foldvari, Tibor L.; Boucher, Donald R.; and Flanagan, Eugene L., III, 4,533,926, Cl. 346-136.000.
- Flanagan, James L.; and Kubli, Robert A., to AT&T Bell Laboratories. Teleconferencing acoustic transducer. 4,555,598, 11-26-85, Cl. 179-121.00D.
- Flanagan, John J. Floor finishing, cleaning and burnishing compositions containing ucon polymers, and method of use. 4,537,802, 8-27-85, Cl. 427-368.000.
- Flanagan, Joseph E.: *See—*
  - Artz, Glen D.; and Flanagan, Joseph E., 4,525,226, Cl. 149-35.000.
  - Schack, Carl J.; and Flanagan, Joseph E., 4,522,756, Cl. 260-349.000.
- Flanagan, Maureen. Mathematical teaching device. 4,553,944, 11-19-85, Cl. 434-191.000.
- Flanagan, Robert M., to Amerace Corporation. Reflector structure. 4,498,733, 2-12-85, Cl. 350-102.000.
- Flanagan, Thomas P.: *See—*
  - Schoenberg, Jules E.; Flanagan, Thomas P.; and Ray-Chaudhuri, Dilip K., 4,535,140, Cl. 526-329.000.
- Flanagan, William T.: *See—*
  - Aicher, Frederick T.; Martin, James R., Sr.; and Flanagan, William T., 4,550,961, Cl. 339-14.00R.
- Flanagin, Stephen D.; Bubb, Howard G.; and Scantlin, John R., to United Technologies Corporation. PBX telephone system remote synchronization. 4,556,970, 12-3-85, Cl. 370-58.000.
- Flander, Hans, to GMN Georg Muller Nurnberg GmbH. Roller bearing seal. 4,502,739, 3-5-85, Cl. 384-481.000.
- Flandera, Mary A.: *See—*
  - Economy, James; and Flandera, Mary A., 4,515,828, Cl. 427-82.000.

Flanders Filters, Inc.: *See—*
  Bowers, Cecil W.; Thompson, Ivey G.; and Allan, Thomas T., 4,494,403, Cl. 73-40.700.
  Peebles, William C., Jr.; and Bowers, Cecil W., 4,521,234, Cl. 55-481.000.
  Wood, Joseph A.; and Peebles, William C., Jr., 4,535,811, Cl. 137-601.000.
Flandrois, Serge: *See—*
  Baron, Francis; Flandrois, Serge; and Pacault, Adolphe, 4,530,888, Cl. 429-206.000.
Flango, William E.: *See—*
  Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, 4,505,943, Cl. 426-565.000.
Flanigan, Lawrence J.: *See—*
  Talbert, Sherwood G.; Flanigan, Lawrence J.; Corliss, John M.; Hagopian, John G.; and Nunheimer, Thomas P., 4,557,253, Cl. 126-429.000.
Flanigen, Edith M.: *See—*
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  Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., 4,551,236, Cl. 208-112.000.
  Messina, Celeste A.; Lok, Brent M.; and Flanigen, Edith M., 4,554,143, Cl. 423-306.000.
Flannagan, Stephen T.: *See—*
  Reese, Edmund A.; Spaderna, Dieter W.; and Flannagan, Stephen T., 4,547,867, Cl. 365-189.000.
Flanner, Philip D.; Morris, Harold D.; and Newell, Gerald R., to Systron Donner Corp. Passive mass-spring type of sensing device having electronic damping. 4,538,203, 8-27-85, Cl. 361-159.000.
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  Wagner, Louis E.; Flannery, Harold F.; and Rakoczynski, Randolph W., 4,543,013, Cl. 405-128.000.
Flannery, James E.; Stempin, John L.; and Wexell, Dale R., to Corning Glass Works. Opal glasses having an apatite opacifying phase. 4,536,480, 8-20-85, Cl. 501-32.000.
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Flannery, Lincoln R.: *See—*
  Maier, Bruce R.; and Flannery, Lincoln R., 4,493,115, Cl. 2-2.000.
Flannery, Stephen W.: *See—*
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  Tharel, Morene J., 4,560,380, Cl. 604-385.00R.
Flaschel, Erwin; and Renken, Albert, to Sulzer Brothers Limited. Device and method for forming a fluidized bed. 4,493,735, 1-15-85, Cl. 134-25.100.
Flasck, James D., to Energy Conversion Devices, Inc. Decorative carbon coating and method. 4,524,106, 6-18-85, Cl. 428-408.000.
Flasck, Richard A.: *See—*
  Holmberg, Scott H.; and Flasck, Richard A., 4,499,557, Cl. 365-163.000.
  Holmberg, Scott H.; and Flasck, Richard A., 4,545,112, Cl. 29-577.00R.
Flassayer, Claude; Le Grives, Bernard; and Simon, Paul R., to Societe Francaise de l'Electro-Resistance. Process for manufacturing an electric circuit intended for firing a pyrotechnic device and the circuit thus obtained. 4,525,238, 6-25-85, Cl. 156-645.000.
Flasza, Michael D.; and Nienaber, David K., to Zenith Electronics Corporation. Picture control for RGB monitor. 4,553,141, 11-12-85, Cl. 340-703.000.
Flatau, Abraham, to United States of America, Army. Projectile. 4,539,911, 9-10-85, Cl. 102-374.000.
Flatau, Carl R., to Textron, Inc. Counterbalance robot arm. 4,507,043, 3-26-85, Cl. 414-719.000.
Flatau, Carl R., to Textron, Inc. Robot forearm. 4,512,710, 4-23-85, Cl. 414-735.000.
Flaten, James F., to Tobin-Arp Manufacturing Company. Preset indicator assembly. 4,509,267, 4-9-85, Cl. 33-185.00R.
Flatscher, Georg: *See—*
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Flatt, Thomas R., to Mobay Chemical Corporation. Conditioning of crude pigment in a salt free corn syrup based medium. 4,493,734, 1-15-85, Cl. 106-309.000.
Flaum, Stephen S., to S&S Corrugated Paper Machinery Co., Inc. Automatic slitter. 4,515,052, 5-7-85, Cl. 83-479.000.
Flautt, Martin C.: *See—*
  Armstrong, Gordon P.; Flautt, Martin C.; and Williams, Gary L., 4,537,107, Cl. 83-694.000.
  Armstrong, Gordon P.; and Flautt, Martin C., 4,537,610, Cl. 65-3.440.
  Pollet, Jean-Claude; Flautt, Martin C.; and Armstrong, Gordon P., 4,539,364, Cl. 524-488.000.
  Wong, Robert; Flautt, Martin C.; and Haines, Richard M., 4,500,600, Cl. 428-391.000.
Flavell, George A. Wind power system. 4,534,703, 8-13-85, Cl. 416-119.000.
Flavell, John; Jeffcoat, Keith; and Betts, Max W., to Courtaulds PLC. Presser foot mechanism in a knitting machine. 4,501,132, 2-26-85, Cl. 66-64.000.
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Flax, Stephen W.; and Pelc, Norbert J., to General Electric Company. Method and a means for determining ultrasonic wave attenuation in tissue using zero crossing detector functioning within a specified frequency band. 4,515,163, 5-7-85, Cl. 128-660.000.
Flax, Stephen W., to General Electric Company. Method and means for determining ultrasonic wave attenuation in tissue using phase locked loop. 4,546,772, 10-15-85, Cl. 128-660.000.
Flax, Stephen W.: *See—*
  Miller-Jones, Stockton M.; and Flax, Stephen W., 4,534,359, Cl. 128-660.000.
Flaxington, David: *See—*
  Szczupak, David T.; Walsham, Brian E.; Hooley, Desmond J.; Flaxington, David; McKean, Peter S.; and Wescott, John D., 4,499,732, Cl. 60-602.000.
Fleche, Guy; Gaset, Antoine; and Fabienne, Jacquet, to Roquette Freres. Process for the preparation of ketones corresponding to 1,4-3,6-dianhydrohexitols by anodic electrooxidation. 4,543,168, 9-24-85, Cl. 204-78.000.
Fleck, David C.; Novak, Joseph H.; and Koerber, Clement J., Sr., to Hill-Rom Company, Inc. Bed departure detection system. 4,539,560, 9-3-85, Cl. 340-573.000.
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  Heiman, Gerald R.; and Fleck, Frank, 4,509,682, Cl. 239-60.000.
Fleck, Fritz; Mercer, Alec V.; and Oates, Malcolm, to Sandoz Ltd. Thieno[3,2-b]benzofuran and benzothiophene derivatives useful as optical brightening agents. 4,526,976, 7-2-85, Cl. 548-159.000.
Fleck, George J., to Whirlpool Corporation. Insulated cabinet collar corner element. 4,496,072, 1-29-85, Cl. 220-432.000.
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Fleckenstein, Phillip P., to Berwind Corporation. Method of manufacturing capacitance-type material level indicator probe. 4,499,641, 2-19-85, Cl. 29-25.410.
Fleckenstein, Phillip P., to Berwind Corporation. Capacitance-type material level probe and method of manufacture. 4,549,245, 10-22-85, Cl. 361-284.000.
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  Assbeck, Franz; and Fleckenstein, Volker, 4,510,434, Cl. 323-237.000.
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Flederbach, Mark; and Gallusser, David O., to Allied Corporation. Anti-decoupling mechanism for electrical connector. 4,506,942, 3-26-85, Cl. 339-89.00M.
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  Mojden, Wallace W.; and Darr, Robert E., 4,537,550, Cl. 414-46.000.
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Flegel, Martin; Pospisek, Jan; Picha, Josef; Pichova, Drahomira; Krojidlo, Milan; and Kolinsky, Jiri, to SPOFA, spojene podniky pro zdravotnickou vyrobu. Luteinizing and follicle stimulating hormones and process for the preparation thereof. 4,512,923, 4-23-85, Cl. 260-112.5LH.
Flegel, Martin; Krojidlo, Milan; Kolinsky, Jiri; Masek, Karel; and Seifert, Jaroslav, to SPOFA, spojene podniky pro zdravotnickou vyrobu. L-alanyl-D-isoglutamine adamantylamide. 4,515,715, 5-7-85, Cl. 260-112.50R.
Flehmig, Bertram. Hepatitis-A viruses adapted to human fibroblast cells. 4,506,016, 3-19-85, Cl. 435-237.000.
Fleigle, David H.; and Fleigle, Phyllis A. Knocked-down easily-assembled canning-lid-sterilizing rack. 4,505,393, 3-19-85, Cl. 211-41.000.
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Fleischer, Paul E.; Ganesan, Apparajan; and Laker, Kenneth R., to AT&T Bell Laboratories. Switched capacitor oscillator formed by a damped resonator with saturable feedback. 4,492,935, 1-8-85, Cl. 331-135.000.
Fleischer, Wolfgang; Eichelberger, Leo; and Endress, Georg, to Siemens Aktiengesellschaft; and Technochemie Kessler & Co. GmbH. Vacuum cleaner hose. 4,524,808, 6-25-85, Cl. 138-103.000.
Fleischhacker, John J. Endocardial electrode lead with conical fixation mechanism. 4,519,404, 5-28-85, Cl. 128-785.000.
Fleischman, Jonas. Arrangement for preventing operation of an electric switch. 4,506,120, 3-19-85, Cl. 200-42.00R.
Fleisher, Martin; and Winawer, Sidney J., to Memorial Hospital for Cancer and Allied Diseases. Sampling system for stool analysis. 4,492,124, 1-8-85, Cl. 73-864.440.
Fleisher, Martin, to Memorial Hospital for Cancer and Allied Diseases. Solvent system for peroxidase inhibitor reagent for fecal occult blood determinations. 4,493,892, 1-15-85, Cl. 435-28.000.
Fleishman, Gregg. Portable furniture. 4,533,174, 8-6-85, Cl. 297-16.000.
Fleishman, Gregg. Portable furniture. 4,550,950, 11-5-85, Cl. 297-440.000.
Fleishman, Gregg R. Space frame structural system. 4,551,960, 11-12-85, Cl. 52-648.000.
Fleissner GmbH & Co.: *See—*
  Fleissner, Heinz, 4,528,877, Cl. 83-37.000.
  Fleissner, Heinz, 4,548,106, Cl. 83-18.000.
Fleissner, Heinz, to Vepa Aktiengesellschaft. Steaming device arranged in front of a synthetic fiber crimping installation for heating fibers traveling past such steaming device. 4,520,637, 6-4-85, Cl. 68-5.00D.
Fleissner, Heinz, to Vepa Aktiengesellschaft. Apparatus for froth processing of lengths of material. 4,524,589, 6-25-85, Cl. 68-5.00D.
Fleissner, Heinz, to Fleissner GmbH & Co. Process and apparatus for cutting band- or skein-shaped material. 4,528,877, 7-16-85, Cl. 83-37.000.
Fleissner, Heinz, to Fleissner GmbH & Co. Process and apparatus for continuous cutting of strip- or rope-like material. 4,548,106, 10-22-85, Cl. 83-18.000.
Fleming, David P., to United States of America, National Aeronautics and Space Administration. Dual clearance squeeze film damper. 4,527,910, 7-9-85, Cl. 384-99.000.
Fleming, Dennis J., to Prince Corporation. Concealed visor. 4,491,360, 1-1-85, Cl. 296-97.00G.
Fleming, Dennis J., to Prince Corporation. Visor cover assembly. 4,491,899, 1-1-85, Cl. 362-74.000.
Fleming, Dennis J., to Prince Corporation. Visor control. 4,500,131, 2-19-85, Cl. 296-97.00K.
Fleming, Dennis J.: *See—*
  Marcus, Konrad H.; and Fleming, Dennis J., 4,492,404, Cl. 296-97.00J.
Fleming, Georges, to Arbed S.A. Runner for molten metal. 4,508,323, 4-2-85, Cl. 266-191.000.
Fleming, James W., to Lawson & Jones Limited. Fast food serving tray. 4,512,512, 4-23-85, Cl. 229-30.000.
Fleming, James W., to Lawson & Jones Limited. Fast food serving tray. 4,550,873, 11-5-85, Cl. 229-30.000.
Fleming, John E.; and Dameron, Robert D. Illuminated level. 4,506,450, 3-26-85, Cl. 33-366.000.
Fleming, Paul D., to W & F Manufacturing, Inc. Latch assembly. 4,534,587, 8-13-85, Cl. 292-263.000.
Fleming, Philip F.; Martin, Virgil B.; Villers, Roger L.; and Shutes, Jaime J., to Gehl Company. Forage harvester drive and electric control therefor. 4,496,105, 1-29-85, Cl. 241-32.000.
Fleming, Ray D. Bottle holder. 4,533,051, 8-6-85, Cl. 206-563.000.
Fleming, Robert J.: *See—*
  Reintjes, Anthony B.; Fleming, Robert J.; and Gumb, Beverley W. T., 4,508,755, Cl. 427-58.000.
Fleming, Roger L.: *See—*
  Charlton, Steven C.; Fleming, Roger L.; and Lau, Authur L. Y., 4,540,520, Cl. 260-396.00N.
Fleming Steel Company: *See—*
  List, John F.; and Nunn, William M., III, 4,545,418, Cl. 160-213.000.
Fleming, Ted D.; Koch, Dan A.; McGill, Francis R.; Powers, Ray P.; and Michaelsen, Roy H., to McGill, Stephen T.; and McGill, Francis R. Proportional fluid exchanger and recirculator. 4,526,318, 7-2-85, Cl. 236-49.000.
Fleming, Ward. Pin screen. 4,536,980, 8-27-85, Cl. 40-427.000.
Fleming, William F., III; and Jones, Roger D., to RJR Archer, Inc. Precision slitting of material. 4,561,579, 12-31-85, Cl. 225-2.000.
Fleming, William F., III: *See—*
  Hester, Benny L.; and Fleming, William F., III, 4,495,796, Cl. 73-38.000.
Flemm, Roy E.; and Morran, James R., to Aluminum Company of America. Contact device for resistance spot welder. 4,497,994, 2-5-85, Cl. 219-109.000.
Flemmert, Gosta. Process and apparatus for preparing finely-divided silicon dioxide having good thixotropic properties. 4,559,218, 12-17-85, Cl. 423-336.000.
Flensburg, Carl G. A.; and Isaksson, Rolf H. V. Apparatus for bundling sheets for fascicles. 4,494,360, 1-22-85, Cl. 53-528.000.
Flentge, Charles A.; and Herrin, Thomas R., to Abbott Laboratories. Phenobarbital enzyme inhibitors. 4,543,412, 9-24-85, Cl. 544-229.000.
Flentge, Charles A., to Abbott Laboratories. N-substituted dibenz[b,-f]azepine salts. 4,559,173, 12-17-85, Cl. 260-239.00D.
Flesher, Peter; and Allen, Adrian S., to Allied Colloids Limited. Inverse suspension polymerization process. 4,506,062, 3-19-85, Cl. 526-211.000.
Flesher, Peter; and Langley, John G., to Allied Colloids Limited. Process for dissolving polymeric material. 4,537,513, 8-27-85, Cl. 366-162.000.
Flesher, Peter: *See—*
  Allen, Adrian S.; and Flesher, Peter, 4,528,321, Cl. 524-761.000.
  Farrar, David; and Flesher, Peter, 4,543,423, Cl. 564-128.000.
Flesher, Robert W. Pipette system. 4,532,805, 8-6-85, Cl. 73-863.320.
Fleshler, Bernard. Acoustical attenuating device and chair equipped therewith. 4,516,656, 5-14-85, Cl. 181-175.000.
Fleshman, Robert L., Jr. Heat generating system for multi-purpose usages and recovery of products of combustion. 4,529,120, 7-16-85, Cl. 236-20.00R.
Fletcher, Aaron N.; McManis, George E., III; and Bliss, Dan E., to United States of America, Navy. Ambient temperature thermal battery. 4,555,455, 11-26-85, Cl. 429-112.000.
Fletcher, Aaron N.; and Knipe, Richard H., to United States of America, Navy. Photolytic improvement of dye laser lifetimes. 4,562,580, 12-31-85, Cl. 372-69.000.
Fletcher, Aaron N.: *See—*
  McManis, George E., III; Miles, Melvin H.; and Fletcher, Aaron N., 4,528,253, Cl. 429-112.000.
  McManis, George E., III; Fletcher, Aaron N.; and Miles, Melvin H., 4,535,037, Cl. 429-103.000.
Fletcher, Archibald W.; and Hunt, Charles d'A., to Duval Corporation. Electron beam refinement of metals, particularly copper. 4,518,418, 5-21-85, Cl. 75-10.00R.
Fletcher, Archibald W.: *See—*
  Ochs, Leonard R.; Fletcher, Archibald W.; Weber, Harald; and Naden, David, 4,536,214, Cl. 75-101.00R.
Fletcher, Augustus; and Moriarty, William L., to American Chemical & Refining Company, Inc. Thallium-containing composition for stripping palladium. 4,548,791, 10-22-85, Cl. 423-22.000.
Fletcher, Bruce W.; Rydell, Mark A.; and Reese, Edward W., to Angiomedics, Incorporated. Method for making a catheter with a soft, deformable tip. 4,551,292, 11-5-85, Cl. 264-139.000.
Fletcher, Charles W.: *See—*
  Dieckmann, Dale J.; and Fletcher, Charles W., 4,517,115, Cl. 252-400.00R.
Fletcher, Donald E.: *See—*
  Anderson, Noel E.; Fletcher, Donald E.; Smagula, Michael S.; and Parker, Darrell S., 4,554,169, Cl. 426-576.000.
Fletcher, Edward A., to University of Minnesota, Regents of the. Method and apparatus for reducing damage associated with detonation and/or destructive knock. 4,501,236, 2-26-85, Cl. 123-193.00P.
Fletcher, Edwin; Beaton, Gerald V.; and Gomer, Charles R., to British Steel Corporation. Radiation level detectors. 4,520,266, 5-28-85, Cl. 250-357.100.
Fletcher, Eldon L., to Du Pont Canada Inc. Aquatic weed barrier. 4,518,280, 5-21-85, Cl. 405-17.000.
Fletcher, George P.: *See—*
  Brittingham, Donald; Fletcher, George P.; and Henry, Harvey J., 4,542,764, Cl. 137-347.000.
Fletcher, George R., Jr.; Messick, George H., Jr.; Roby, Charles K.; and Huey, Cecil O., Jr., to Tungsten Industries, Inc. Automated machining method. 4,550,532, 11-5-85, Cl. 51-288.000.
Fletcher, Gerald M.; Jacobs, Robert M.; and Pietrowski, Kenneth W., to Xerox Corporation. Pin charging device for use in xerography. 4,533,230, 8-6-85, Cl. 355-3.0CH.
Fletcher, Ian J.: *See—*
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,503,227, Cl. 544-246.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,506,073, Cl. 546-64.000.
  Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,562,449, Cl. 346-218.000.
  Bedekovic, Davor; and Fletcher, Ian J., 4,508,897, Cl. 544-127.000.
  Zink, Rudolf; and Fletcher, Ian J., 4,555,569, Cl. 544-105.000.
Fletcher, Ivan M.; and Gladish, Gary W., to AT&T Technologies, Inc. Substrate elevator mechanisms. 4,513,855, 4-30-85, Cl. 198-473.000.
Fletcher, James; and Wooding, Michael S., to British Aerospace Public Limited Company. Aircraft configuration and control arrangement therefor. 4,506,848, 3-26-85, Cl. 244-12.400.
Fletcher, James D. Release device. 4,498,448, 2-12-85, Cl. 124-35.00A.

Fletcher, Jeffery N.: *See—*
  Horn, Darrell C.; and Fletcher, Jeffery N., 4,543,775, Cl. 56-235.000
Fletcher, Keith: *See—*
  Phillips, Richard A.; Fletcher, Keith; and Naylor, Peter W., 4,539,468, Cl. 219-330.000.
Fletcher, Kenneth S.: *See—*
  Annino, Raymond; Cheney, Maynard C.; and Fletcher, Kenneth S., 4,496,433, Cl. 204-1.00T.
Fletcher, Mary A., to University of Miami. New purified glycoproteins and use in diagnosing infectious mononucleosis. 4,525,459, 6-25-85, Cl. 436-544.000.
Fletcher, Michael B., to Union Carbide Corporation. Method of fusing vanadium pentoxide powder. 4,492,587, 1-8-85, Cl. 23-293.00R.
Fletcher, Norman C.: *See—*
  Serinken, Nur M.; Calder, Iain D.; Gale, James; and Fletcher, Norman C., 4,503,468, Cl. 358-256.000.
Fletcher, Paul E.: *See—*
  Johnson, Robert S.; Fletcher, Paul E.; Benjamin, William S.; and Zsitvay, John I., 4,516,287, Cl. 15-119.00A.
Fletcher, Richard J.; and Wischusen, Henry, III, to Du Pont de Nemours, E. I., and Company; and Rock-Tenn Company. Self-erecting end-load top-dispensing container. 4,550,834, 11-5-85, Cl. 206-611.000.
Fletcher, Robert H., Jr., to United States of America, Army. Programmable matched filter for binary phase-coded signals. 4,507,746, 3-26-85, Cl. 364-717.000.
Fletcher, Stephen R.: *See—*
  Lotito, Vincent; and Fletcher, Stephen R., 4,516,529, Cl. 119-5.000.
Fletcher-Terry Corporation: *See—*
  Kozyrski, Vincent T., 4,545,515, Cl. 225-96.500.
Fletcher, Thomas D.: *See—*
  West, Jeffery A.; and Fletcher, Thomas D., 4,501,976, Cl. 307-456.000.
Fleurance, Claude; and Naudot, Jean-Claude, to Societe d'Etudes, Recherches et Constructions. Apparatus for real time correlation in seismic prospection. 4,549,285, 10-22-85, Cl. 367-60.000.
Fleuret, Daniel, to Thomson-CSF. Method for the production of a multilayered capacitor block. 4,553,304, 11-19-85, Cl. 29-25.420.
Fleury, Georges, to Thomson-CSF. Delay line for a travelling wave tube. 4,549,112, 10-22-85, Cl. 315-3.600.
Flex Foot, Inc.: *See—*
  Phillips, Van L., 4,547,913, Cl. 623-27.000.
Flexi-Mat Corporation: *See—*
  Elesh, James N., 4,525,409, Cl. 428-193.000.
Flexible Laser Systems Limited: *See—*
  Taylor, Arthur F. D. S., 4,542,278, Cl. 219-121.0LV.
Flexibox Limited: *See—*
  Morrison, Norman J., 4,492,583, Cl. 464-99.000.
  Wallace, Neil M., 4,538,821, Cl. 277-81.00R.
  Wallace, Neil M., 4,552,368, Cl. 277-27.000.
Flexillume Canada Ltd.: *See—*
  Totten, Thomas B., 4,549,253, Cl. 362-364.000.
Flexion, Inc.: *See—*
  Jurden, Jerry E., 4,557,008, Cl. 14-71.700.
Flexlift Huberate GmbH: *See—*
  Heide, Carsten, 4,534,544, Cl. 254-9.00C.
Flexwatt Corporation: *See—*
  Grise, Frederick G. J., 4,523,085, Cl. 219-528.000.
  Grise, Frederick G. J., 4,542,285, Cl. 219-543.000.
Flick, Gary D.; and Reinshagen, John H., to Pfizer Inc. Flush edge protected metal laminates. 4,551,219, 11-5-85, Cl. 204-290.00R.
Flick, Robert H.; and Huffman, Walter K., to Westinghouse Electric Corp. Molded case circuit breaker with improved operating mechanism. 4,528,531, 7-9-85, Cl. 335-23.000.
Flick, Robert H.; and Huffman, Walter K., to Westinghouse Electric Corp. Molded case circuit breaker with movable upper electrical contact positioned by tension springs. 4,539,538, 9-3-85, Cl. 335-16.000.
Flick, Robert H.; and Dennis, Lawrence D., to Westinghouse Electric Corp. Molded case circuit breaker with adjacent pole mechanisms spaced closer than adjacent terminals. 4,554,423, 11-19-85, Cl. 200-293.000.
Flick, Robert H.; and Huffman, Walter K., to Westinghouse Electric Corp. Molded case circuit breaker with movable lower electrical contact. 4,554,427, 11-19-85, Cl. 200-250.000.
Flider, Frank S., to Justrite Manufacturing Company. Fill gauge for safety and waste disposal drums. 4,526,033, 7-2-85, Cl. 73-322.000.
Flider, Frank S., to Justrite Manufacturing Company. Automatic venting sealing cap. 4,552,288, 11-12-85, Cl. 222-482.000.
Flier, Jeffrey S.: *See—*
  Carey, Martin C.; Moses, Alan C.; and Flier, Jeffrey S., 4,548,922, Cl. 514-4.000.
Flies, William P., to Datakey, Inc. Orientation guide arrangement for electronic key and receptacle combination. 4,549,076, 10-22-85, Cl. 235-382.000.
Flight Refueling, Inc.: *See—*
  Graham, Frank C.; and Parker, James T., II, 4,534,384, Cl. 137-899.200.
Flinders University of South Australia, The: *See—*
  de Bruin, Henderikus J.; and Badwal, Sukhvinder P. S., 4,548,680, Cl. 204-1.00T.
Fling, Russell T., to RCA Corporation. Binary divider as for a digital auto flesh circuit. 4,550,339, 10-29-85, Cl. 358-28.000.
Fling, Russell T.; and Willis, Donald H., to RCA Corporation. Hue correction circuit for a digital TV receiver. 4,558,351, 12-10-85, Cl. 358-28.000.
Fling, Russell T.: *See—*
  Willis, Donald H.; and Fling, Russell T., 4,543,599, Cl. 358-13.000.
Flinn, Heather Anne, executrix: *See—*
  Flinn, Ian, deceased; and Murray, Robert, 4,510,471, Cl. 333-195.000.
Flinn, Ian, deceased (by Flinn, Heather Anne, executrix); and Murray, Robert, to U.S. Philips Corporation. Acoustic surface wave device including a reflective multistrip coupler. 4,510,471, 4-9-85, Cl. 333-195.000.
Flinn, Jack L., Jr. Novelty alarm clock. 4,505,597, 3-19-85, Cl. 368-250.000.
Flinn, Richard A.: *See—*
  Bilek, Paul J.; Flinn, Richard A.; McCluhan, Thomas K.; and Trojan, Paul K., 4,545,817, Cl. 75-123.00E.
Flint, Dennis H.; and Silverman, Richard B. Use of certain halogen-containing amino-acid compounds for controlling the growth of unwanted plants. 4,528,028, 7-9-85, Cl. 71-113.000.
Flint, John C. E.: *See—*
  Booth, Stanley H.; and Flint, John C. E., 4,505,168, Cl. 74-687.000.
Flint, Nancy J.: *See—*
  Antos, George J.; and Flint, Nancy J., 4,529,828, Cl. 585-828.000.
Flintab AB: *See—*
  Karlstrom, Krister; and Fabricius-Hansen, Rolf, 4,529,982, Cl. 340-991.000.
Flintkote Company, The: *See—*
  Winters, Donald C.; and Klein, Ivan D., 4,532,006, Cl. 162-3.000.
Flippance, Christopher F.: *See—*
  Bick, David E.; Flippance, Christopher F.; and Parry, Ian C., 4,535,872, Cl. 188-62.000.
Flippin, George F. Revolver cylinder and extractor assembly. 4,541,193, 9-17-85, Cl. 42-68.000.
Fliri, Hans; and Hamberger, Helmut, to Sandoz Ltd. Process for cephalosporanic acid derivatives and intermediate therefor. 4,503,221, 3-5-85, Cl. 544-27.000.
Flis, Norman H. Liquid leveling device. 4,492,037, 1-8-85, Cl. 33-367.000.
Flo-Con Systems, Inc.: *See—*
  King, Patrick D., 4,545,406, Cl. 137-553.000.
  Shapland, Earl P., 4,556,157, Cl. 222-600.000.
  Shapland, James T., 4,561,573, Cl. 222-600.000.
Flo-Pac Corporation: *See—*
  Antonson, Douglas M., 4,541,207, Cl. 51-376.000.
Flo Trend Shares, Inc.: *See—*
  Lott, W. Gerald, 4,546,783, Cl. 134-109.000.
Floccari, Henriette, administratrix: *See—*
  Bruel, Michel; Floccari, Michel, deceased; and Michaud, Jean-Francois, 4,527,044, Cl. 219-121.0EB.
Floccari, Michel, deceased: *See—*
  Bruel, Michel; Floccari, Michel, deceased; and Michaud, Jean-Francois, 4,527,044, Cl. 219-121.0EB.
Flocchini, Andrew J. Backwash valve and system for teat cup assembly. 4,498,419, 2-12-85, Cl. 119-14.180.
Flock, John W.: *See—*
  Ward, William J., III; Ritzer, Alan; Carroll, Kenneth M.; and Flock, John W., 4,500,724, Cl. 556-472.000.
Flockenhaus, Claus; Hackler, Erich; and Lommerzheim, Werner, to Thyssengas GmbH; and Didier Engineering. Method of and apparatus for adjusting and maintaining constant the temperature during methanizing of a charge gas. 4,539,016, 9-3-85, Cl. 48-197.00R.
Flocon, Alain, to Telecommunications Radioelectriques et Telephoniques T.R.T. Termination device using a directional coupler which compensates for the parasitic radiation from a light source via a compensation signal. 4,502,753, 3-5-85, Cl. 350-96.160.
Flodin, Claes-Goran. Arrangement for a cutting device. 4,537,103, 8-27-85, Cl. 83-174.000.
Flodl, Helmut: *See—*
  Rasch, Klaus-Dieter; and Flodl, Helmut, 4,543,444, Cl. 136-256.000.
Flodman, Bertil: *See—*
  Flodman, Rune; Flodman, Lennart; and Flodman, Bertil, 4,541,192, Cl. 42-40.000.
Flodman Guns KB: *See—*
  Flodman, Rune, 4,516,345, Cl. 42-46.000.
  Flodman, Rune; Flodman, Lennart; and Flodman, Bertil, 4,541,192, Cl. 42-40.000.
Flodman, Lennart: *See—*
  Flodman, Rune; Flodman, Lennart; and Flodman, Bertil, 4,541,192, Cl. 42-40.000.
Flodman, Rune, to Flodman Guns KB. Cartridge ejector device for firearms. 4,516,345, 5-14-85, Cl. 42-46.000.
Flodman, Rune; Flodman, Lennart; and Flodman, Bertil, to Flodman Guns KB. Hinge device for firearms. 4,541,192, 9-17-85, Cl. 42-40.000.
Floegel, Karl: *See—*
  Junger, Martin; and Floegel, Karl, 4,540,123, Cl. 239-102.000.
Flohn, Paul H., to North American Philips Lighting Corporation. Precision rotating rod guide. 4,516,446, 5-14-85, Cl. 82-38.00A.
Flohr, Gary R., to Beloit Corporation. Programmable refiner controller with horsepower-days per ton scaling. 4,498,137, 2-5-85, Cl. 364-471.000.
Flohr, Peter: *See—*
  Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,523,283, Cl. 364-431.010.

Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,533,900, Cl. 340-52.00R.

Flohr, Wolfgang P.: *See—*

Bourauel, Fritz; Flohr, Wolfgang P.; and Weishaupt, Walter, 4,524,612, Cl. 73-117.300.

Flonic S.A.: *See—*

Fillod, Maurice; and Larriere, Jean-Francois, 4,545,475, Cl. 194-1.00B.

Rose, Rene, 4,499,371, Cl. 235-492.000.

Flood, Eugene J.: *See—*

Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., 4,513,045, Cl. 428-137.000.

Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., 4,543,158, Cl. 162-145.000.

Flood, Gary N., to Branson Ultrasonics Corporation. Ultrasonic seal and cut method and apparatus. 4,560,427, 12-24-85, Cl. 156-73.300.

Flood, Mark A.: *See—*

Galdun, Daniel J.; Grudowski, Raymond A.; and Flood, Mark A., 4,521,871, Cl. 364-900.000.

Flood, Paul W.: *See—*

Salatiello, Peter P.; Petrucelli, Frank; and Flood, Paul W., 4,508,675, Cl. 264-310.000.

Flood, Robert A.; Talkington, Howard R.; Wheelock, Richard A.; and Watts, Robert L., to United States of America, Navy. Master buoy system for acoustic array deployment, using underwater glide bodies remotely launched from a submerged pod. 4,494,938, 1-22-85, Cl. 441-33.000.

Floordress-Reinigungsgerate GmbH: *See—*

Osberghaus, Reiner; Scheller, Bernfried; Kresse, Franz; Hesse, Ferdinand; and Schunter, Roland, 4,528,717, Cl. 15-261.000.

Flor, James E.: *See—*

Zimmerman, Sheldon B.; Wilson, Kenneth E.; Monaghan, Richard L.; Del Val, Sagrario M.; Fernandez, Maria I. M.; Hensens, Otto D.; Flor, James E.; and Deriso, Cheryl, 4,545,991, Cl. 514-100.000.

Flor, Joseph R.; Havens, Richard F.; and Panayoti, Peter, to Midland-Ross Corporation. Locking assembly for fluorescent lamps. 4,542,947, 9-24-85, Cl. 339-54.000.

Flora, John H.; and Henderson, James E., to Babcock & Wilcox Company, The. Piezoelectric moisture measuring device. 4,491,784, 1-1-85, Cl. 324-61.0QL.

Flora, Laurence P., to Burroughs Corporation. Method for testing an integrated circuit chip without concern as to which of the chip's terminals are inputs or outputs. 4,539,517, 9-3-85, Cl. 324-73.00R.

Flora, Laurence P., to Burroughs Corporation. Apparatus for testing an integrated circuit chip without concern as to which of the chip's terminals are inputs or outputs. 4,544,882, 10-1-85, Cl. 324-73.00R.

Floreancig, Antoine, to Uranium Pechiney Ugine Kuhlmann. Process for extracting uranium from phosphoric acids by means of alkylpyrophosphoric acids. 4,510,122, 4-9-85, Cl. 423-10.000.

Florence, Henry S., Jr., to Getty Synthetic Fuels, Inc. Liner installation tool and method. 4,504,171, 3-12-85, Cl. 405-154.000.

Florence, Robert A.; Campbell, John R.; and Williams, Robert E., Jr., to General Electric Company. Synthesis of zwitterionic siloxane polymers. 4,496,705, 1-29-85, Cl. 528-34.000.

Florence, Robert A., to General Electric Company. Method for isolating ionomers in the salt form. 4,511,712, 4-16-85, Cl. 528-488.000.

Florentine, Henry P., Sr. Door bolting device. 4,529,235, 7-16-85, Cl. 292-258.000.

Florentino, Gregory. Paint tray cover. 4,541,542, 9-17-85, Cl. 220-306.000.

Flores, Christopher; Gopinath, Bhaskarpillai; and Limb, John O., to AT&T Bell Laboratories. Collision avoiding system and protocol for a two path multiple access digital communications system. 4,532,626, 7-30-85, Cl. 370-85.000.

Flores, David P.: *See—*

Hoenig, Stephen M.; Flores, David P.; and Ginter, Sally P., 4,532,187, Cl. 428-457.000.

McKinney, Osborne K.; and Flores, David P., 4,500,664, Cl. 524-119.000.

McKinney, Osborne K.; and Flores, David P., 4,529,764, Cl. 524-232.000.

Flores, Luis: *See—*

Taracatac, Corazon A.; Flores, Luis; and Chaudhry, Viren, 4,495,177, Cl. 424-147.000.

Flores, Manuel. Anti-pollutant spark plug adaptor. 4,499,399, 2-12-85, Cl. 313-143.000.

Florex Co., Ltd.: *See—*

Kuboshima, Yasuyuki, 4,543,005, Cl. 401-260.000.

Florian, Roy S., to Nickson Industries, Inc. Hinged flange for tailpipes and the like. 4,519,639, 5-28-85, Cl. 285-415.000.

Florida Progress Corporation: *See—*

Ashworth, Robert A., 4,560,391, Cl. 44-51.000.

Florin, Gerd: *See—*

Bartesch, Helmut; and Florin, Gerd, 4,556,573, Cl. 426-467.000.

Florin, Guy, to Somfy. Alternate manual or power auxiliary control device for controlling winding doors or the like. 4,519,487, 5-28-85, Cl. 192-36.000.

Florinsky, Jury B.: *See—*

Fastritsky, Viktor S.; Vingris, Laimonis T.; Ardentov, Vasily V.; Florinsky, Jury B.; Plotnikov, Viktor I.; Rodnevsky, Leonid A.; and Alexeev, Gennady N., 4,503,392, Cl. 324-232.000.

Floris, Pier-Luigi; and O'Toole, Yvonne. Method and apparatus for obtaining electrical signals correlated with the position of a mass of mercury in instruments and the like. 4,554,535, 11-19-85, Cl. 340-689.000.

Florkey's Conveyor Service, Inc.: *See—*

Hoffmann, Frank F., 4,493,680, Cl. 474-230.000.

Floryan, Daniel E.: *See—*

Holub, Fred; and Floryan, Daniel E., 4,504,632, Cl. 525-432.000.

Smearing, Robert W.; and Floryan, Daniel E., 4,543,368, Cl. 521-90.000.

Floss, Josef G.: *See—*

Schmidt, Franz; Pipper, Gunter; Floss, Josef G.; and Zahradnik, Franz, 4,537,949, Cl. 528-335.000.

Flot, Regis; and Hine, Jean Patrick, to Raychem Corporation. Wire stripping arrangement. 4,510,827, 4-16-85, Cl. 81-9.400.

Flotow, Richard A.; Rathburn, Jerry L.; and Schlosser, DeWayne F., to Dana Corporation. Clutch lever and adjustment method. 4,503,959, 3-12-85, Cl. 192-70.300.

Flotow, Richard A.; and Tennant, William M., to Dana Corporation. Self adjusting device for a friction clutch. 4,549,643, 10-29-85, Cl. 192-111.00A.

Flotow, Richard A.; and Sink, William H., to Dana Corporation. Cooling system for friction clutches for vehicles. 4,560,048, 12-24-85, Cl. 192-70.120.

Flow Industries, Inc.: *See—*

O'Hanlon, Thomas A., 4,540,056, Cl. 175-393.000.

Olsen, John H.; and Mordre, Sigurd C., 4,536,135, Cl. 417-383.000.

Flow Systems, Inc.: *See—*

Arnold, Eugene E., 4,540,320, Cl. 409-232.000.

Flow Vision, Inc.: *See—*

Kilham, Lawrence B.; and Riley, David W., 4,529,306, Cl. 356-237.000.

Flower, Milton O.: *See—*

Glover, Loren J.; Flower, Milton O.; and Pinassi, David J., 4,538,725, Cl. 206-37.000.

Flower, Ralph F. J., to Cross Manufacturing Company (1938) Limited. Rotatable shaft seals. 4,526,387, 7-2-85, Cl. 277-198.000.

Flowerday, Carl, to Prince Corporation. Visor covering. 4,494,789, 1-22-85, Cl. 296-97.00H.

Flowers, Dervin L., to Motorola, Inc. Plasma enhanced diffusion process. 4,521,441, 6-4-85, Cl. 427-38.000.

Flowers, Michael A.: *See—*

Barnett, Steve M.; Flowers, Michael A.; and Varos, John A., 4,536,890, Cl. 2-164.000.

Flowers, Stephen A.: *See—*

Berg, Lloyd T.; and Flowers, Stephen A., 4,541,526, Cl. 206-44.120.

Flowers, Thomas. Apparatus for installing conduit. 4,527,775, 7-9-85, Cl. 254-134.3FT.

FloWind R & D Partnership: *See—*

Sisson, Steve S.; Tremoulet, Olivier L., Jr.; and Mercer, John E., 4,525,911, Cl. 29-156.80R.

Flowmetering Instruments Limited: *See—*

Harrison, Derek N.; and Purling, Trevor C., 4,517,846, Cl. 73-861.120.

Floyd, David: *See—*

Thottathil, John K.; Moniot, Jerome L.; Floyd, David; and Brandt, Steven, 4,501,901, Cl. 548-532.000.

Floyd, David M.: *See—*

DiMenna, William S.; and Floyd, David M., 4,539,328, Cl. 514-372.000.

Floyd, John M.: *See—*

Denholm, William T.; Floyd, John M.; Errington, William J.; and Parry, Anthony N., 4,514,222, Cl. 75-77.000.

Floyd, Middleton B., Jr.; Weiss, Martin J.; Grudzinskas, Charles V.; and Chen, Sow-Mei L., to American Cyanamid Company. 15-deoxy-16-hydroxy-16-substituted prostanoic acids and congeners. 4,504,417, 3-12-85, Cl. 260-438.100.

Floyd, Middleton B., Jr.; Weiss, Martin J.; Grudzinskas, Charles V.; and Chen, Sow-Mei L., to American Cyanamid Company. 15-deoxy-16-hydroxy-16-vinyl and cyclopropyl substituted prostanoic acids and congeners. 4,518,790, 5-21-85, Cl. 560-118.000.

Floyd, Middleton B., Jr.; and Goidl, Jo A., to American Cyanamid Company. Method of treating diabetes mellitus using arylglyoxals. 4,536,517, 8-20-85, Cl. 514-576.000.

Floyd, Terry S.; and Williams, James A., to Celanese Corporation. Stuffer box crimper. 4,503,593, 3-12-85, Cl. 28-263.000.

Floyd, William C.; and North, Bernard F., to Sun Chemical Corporation. Cyclic urea/glyoxal/polyol condensates and their use in treating textile fabrics and paper. 4,505,712, 3-19-85, Cl. 8-186.000.

Floyd, William C., to Sun Chemical Corporation. Compounds and their use as insolubilizers for binders for paper coating compositions. 4,537,634, 8-27-85, Cl. 106-214.000.

Floyd, William C., to Sun Chemical Corporation. Dioxane compounds and their use as insolubilizers for binders for paper coating compositions. 4,547,580, 10-15-85, Cl. 549-379.000.

Floyd, William M.; Webb, Nathaniel; and Juzswik, David L., to United Technologies Automotive, Inc. Multiplex control system having enhanced integrity. 4,528,662, 7-9-85, Cl. 370-92.000.

Floyd, William M., to United Technologies Automotive, Inc. Vehicle multiplex system having protocol/format for secure communication transactions. 4,534,025, 8-6-85, Cl. 370-85.000.

Floyd, William M., to United Technologies Automotive, Inc. Debounce circuit providing synchronously clocked digital signals. 4,549,094, 10-22-85, Cl. 307-247.00A.

Fluchel, Donald G., to Progressive Recovery, Inc. Solvent distillation unit with adjustable scrapers. 4,540,471, 9-10-85, Cl. 202-175.000.

Flucher, Wolfgang; and Siewert, Wolfgang, to Escher Wyss GmbH. Method of and apparatus for separating tacky contaminants from a stock suspension. 4,557,826, 12-10-85, Cl. 209-11.000.

- Fluck, Victor: *See—*
  - Kristiansen, Odd; Drabek, Jozef; and Fluck, Victor, 4,539,314, Cl. 514-84.000.
- Fluckiger, Hans-Ulrich: *See—*
  - Willi, Ernst; and Fluckiger, Hans-Ulrich, 4,541,495, Cl. 177-210.0FP.
- Fluckiger & Huguenin S.A.: *See—*
  - Cattin, Francois, 4,536,156, Cl. 433-102.000.
- Fluckiger, Jean-Frederic: *See—*
  - Schneiter, Ali; Fluckiger, Jean-Frederic; and Curchod, Anne, 4,504,703, Cl. 179-102.000.
- Flugger, Ray T., to King, Wayne. Muffler for exhaust gases. 4,550,799, 11-5-85, Cl. 181-244.000.
- Fluid Devices Limited: *See—*
  - Larner, Donald A., 4,523,476, Cl. 73-744.000.
  - Larner, Donald A., 4,552,027, Cl. 73-861.530.
- Fluidised Combustion Contractors Limited: *See—*
  - Couch, Alan T.; Cruickshank, Terence D.; Davey, William L. E.; Marshall, Anthony R.; Tydd, Christopher B.; and Wakeford, David R., 4,556,017, Cl. 122-4.00D.
- Fluidmaster, Inc.: *See—*
  - Blau, Frederick, Jr.; Gross, John M.; and Vandermeyden, Tom R., 4,522,333, Cl. 236-20.00R.
- Fluidyne Corporation: *See—*
  - Yie, Gene G., 4,555,872, Cl. 51-439.000.
- Fluilogic Systems Oy: *See—*
  - Kankare, Jouko, 4,561,962, Cl. 204-415.000.
- Fluor Corporation: *See—*
  - Daniell, Alan F., 4,535,900, Cl. 212-193.000.
- Fluor Subsea Services, Inc.: *See—*
  - Brewer, John H.; and Cress, Hobart A., 4,516,882, Cl. 405-224.000.
  - Falkner, Chester B., Jr., 4,540,314, Cl. 405-227.000.
- Fluorocarbon Company, The: *See—*
  - Bainard, Dean R., 4,542,573, Cl. 29-417.000.
- Flux-Geraete Gesellschaft mit beschraenkter Haftung: *See—*
  - Gschwender, Alois, 4,530,641, Cl. 415-170.00R.
- Flying Dutchman, Inc.: *See—*
  - Lepley, James W., 4,512,703, Cl. 414-288.000.
- Flynn, A. John: *See—*
  - Deal, Carl H.; and Flynn, A. John, 4,498,911, Cl. 55-32.000.
- Flynn Burner Corporation: *See—*
  - Granville, Clive W., 4,549,866, Cl. 432-10.000.
- Flynn, Charles J.: *See—*
  - Sanders, Robert E.; Knipp, Jerry L.; and Flynn, Charles J., 4,544,218, Cl. 339-31.00L.
- Flynn, Cormack: *See—*
  - Rohr, Martin; and Flynn, Cormack, 4,547,315, Cl. 252-522.00R.
- Flynn, John J.: *See—*
  - Chai, Bruce H.; Buehler, Ernest; and Flynn, John J., 4,554,136, Cl. 422-209.000.
  - Chai, Bruce H.; Buehler, Ernest; and Flynn, John J., 4,559,208, Cl. 422-209.000.
- Flynn, Matthew J.: *See—*
  - Ong, Helen H.; and Flynn, Matthew J., 4,496,582, Cl. 514-450.000.
- Flynn, Michael J., to Technicare Corporation. Hybrid collimator. 4,506,374, 3-19-85, Cl. 378-2.000.
- Flynn, Peter J., to Bird Machine Company, Inc. Apparatus for removal by flotation of solid particles from liquid. 4,512,888, 4-23-85, Cl. 210-221.200.
- Flynn, Richard M.: *See—*
  - Drexler, Leonard H.; Flynn, Richard M.; Fox, George R.; Illium, Herbert C., Jr.; and O'Connor, Robert J., 4,518,830, Cl. 179-103.000.
- Flynn, Richard T.: *See—*
  - Webster, Marvin K.; Flynn, Richard T.; Porter, Marion G.; and Seminsky, George M., 4,525,777, Cl. 364-200.000.
- Flynn, Robert G.; Pitkin, Courtney G.; and Hileman, Gregory A., to Norcliff Thayer, Inc. Use of fumed silica for treating oily skin and acne. 4,536,399, 8-20-85, Cl. 514-63.000.
- Flynn, Robert J., to Du Pont de Nemours, E. I., and Company. Nonthermal expanding spool for carbon fiber oxidation. 4,527,754, 7-9-85, Cl. 242-118.100.
- Flynn, Stephen D., to O-Two Systems International Inc. Air bag. 4,532,923, 8-6-85, Cl. 128-205.130.
- FMC Corporation: *See—*
  - Aly, Elsayed A., 4,548,640, Cl. 71-98.000.
  - Bargiel, Douglas A.; Assony, Edward M.; Ha, Truong M.; and Rosseau, Richard B., 4,525,888, Cl. 15-83.000.
  - Baum, Jonathan S.; and Chen, Tsong M., 4,556,411, Cl. 71-90.000.
  - Beacham, Harry H.; and Mucenieks, Paul R., 4,552,687, Cl. 252-500.000.
  - Behrendt, Joseph W.; Evans, John D.; and Cox, James W., Jr., 4,491,229, Cl. 212-270.000.
  - Bloomquist, George W., 4,548,236, Cl. 137-615.000.
  - Braksmayer, Diza P., 4,556,698, Cl. 525-469.000.
  - Brown, Richard A., 4,526,762, Cl. 423-63.009.
  - Brown, Richard A.; and Norris, Robert D., 4,552,668, Cl. 210-759.000.
  - Brown, Richard A.; and Norris, Robert D., 4,552,674, Cl. 252-8.55R.
  - Brown, Richard A.; and Norris, Robert D., 4,552,675, Cl. 252-8.55R.
  - Bunnelle, Philip R., 4,510,971, Cl. 137-615.000.
  - Champlin, Keith S.; and Kar, Pradip C., 4,561,088, Cl. 370-16.000.
  - Chandra, Rangasami S.; and Orlando, Franklin P., 4,553,872, Cl. 403-25.000.
  - Chang, Jun H., 4,552,585, Cl. 71-88.000.
  - Cohen, Leon E.; and Hook, John A., 4,532,065, Cl. 252-135.000.
  - Crea, David A., 4,492,627, Cl. 209-3.000.
  - Cruickshank, Philip A.; DiSanzo, Carmine P.; Kondo, Kiyosi; and Kono, Hiromichi, 4,514,419, Cl. 514-521.000.
  - Cuhel, Leon L., 4,534,598, Cl. 303-10.000.
  - DelMar, Eric G., 4,507,513, Cl. 570-190.000.
  - DiMenna, William S.; and Floyd, David M., 4,539,328, Cl. 514-372.000.
  - Dodge, William B.; and Halfon, Marc, 4,495,107, Cl. 260-453.00P.
  - Dominiani, Frank J., Jr.; and Annarelli, Dennis C., 4,551,320, Cl. 423-321.00R.
  - Downey, Gale D.; and Jones, Charles E., 4,537,708, Cl. 252-554.000.
  - Downey, Gale D.; and Jones, Charles E., 4,544,494, Cl. 252-135.000.
  - Eineichner, Donald E.; Chandra, Rangasami S.; and Tucci, James M., 4,509,365, Cl. 73-151.000.
  - Endres, Douglas W.; McDaniel, Kenneth D., Jr.; and Griebel, Francis J., 4,537,281, Cl. 182-2.000.
  - Engel, John F.; and Puglis, Joseph M., 4,555,521, Cl. 514-362.000.
  - Fahmy, Mohamed A. H., 4,496,552, Cl. 514-147.000.
  - Fahmy, Mohamed A. H., 4,532,235, Cl. 514-144.000.
  - Fahmy, Mohamed A. H., 4,535,077, Cl. 514-143.000.
  - Fourre, Remy D.; and Grant, William A., 4,507,541, Cl. 219-124.340.
  - Geis, Robert J., 4,492,304, Cl. 198-837.000.
  - Gotal, John D.; and Scott, Junius D., 4,517,500, Cl. 318-130.000.
  - Gotal, John D.; and Scott, Junius D., 4,547,712, Cl. 318-128.000.
  - Gottwaldt, Paul R., 4,495,853, Cl. 89-46.000.
  - Green, Joseph, 4,503,178, Cl. 524-116.000.
  - Gunkel, Louis T.; and Juelke, Charles V., 4,556,684, Cl. 524-141.000.
  - Gunnarsson, Arne N., 4,515,381, Cl. 280-96.000.
  - Hammond, Stephen A., 4,506,934, Cl. 305-57.000.
  - Heidler, Lester D.; Styer, Richard D.; and Hunsberger, Enos R., 4,541,930, Cl. 210-344.000.
  - Hill, Jerry M., 4,494,400, Cl. 73-1.00B.
  - Hopkins, Quentin G.; and Browning, Jhonce N., 4,534,945, Cl. 423-273.000.
  - Jennings, Charles E.; Barrington, Claud C.; Chen, Lien-Yan; Hopkins, Bob C.; McIntyre, John N.; and Regitz, Alfred P., 4,510,960, Cl. 137-75.000.
  - Jensen, Lyle B., 4,537,317, Cl. 212-189.000.
  - Jones, Charles E.; and Weiss, Mark A., 4,526,699, Cl. 252-99.000.
  - Kassai, Denes P., 4,530,416, Cl. 180-307.000.
  - Kassai, Denes P., 4,554,992, Cl. 180-307.000.
  - Kazmierczak, Walter; and Assony, Edward M., 4,553,626, Cl. 180-307.000.
  - Kemp, David M., Jr.; and Jones, Hartl R., 4,531,456, Cl. 99-323.200.
  - Kondo, Kiyoshi; Takashima, Toshiyuki; and Tunemoto, Daiei, 4,526,987, Cl. 549-305.000.
  - Kreamer, William C., 4,537,009, Cl. 53-441.000.
  - Kreamer, William C., 4,561,236, Cl. 53-509.000.
  - LeDevehat, Eugene R., 4,515,182, Cl. 137-614.060.
  - Lee, Fui-Tseng H.; Juelke, Charles V.; and Finley, Joseph H., 4,511,498, Cl. 252-609.000.
  - Lee, Fui-Tseng H.; and Green, Joseph, 4,555,562, Cl. 528-72.000.
  - Lee, Nathan D.; and Sethi, Dalbir S., 4,544,543, Cl. 423-588.000.
  - Lehman, Richard L.; and Manring, William H., 4,526,603, Cl. 65-136.000.
  - Lill, Melvin H., 4,500,201, Cl. 356-152.000.
  - Liston, Allen L., 4,499,963, Cl. 180-90.600.
  - McGinley, Emanuel J.; and Tuason, Domingo C., Jr., 4,518,433, Cl. 106-180.000.
  - McTamaney, Louis S.; Delfino, Allan B.; and Bisbee, Gary W., 4,509,901, Cl. 417-18.000.
  - McTamaney, Louis S.; Bisbee, Gary W.; Kettlety, Robert W.; and Konsevich, James L., 4,551,730, Cl. 346-33.0WL.
  - Mick, Jon L., 4,519,468, Cl. 180-8.500.
  - Mick, Jon L.; and Wolf, Marvin L., 4,555,032, Cl. 212-189.000.
  - Mick, Jon L., 4,557,390, Cl. 212-197.000.
  - Milberger, Lionel J., 4,519,263, Cl. 74-128.000.
  - Moller, Thomas A., 4,502,505, Cl. 137-615.000.
  - Moore, Donald E.; and Olsen, David W., 4,523,686, Cl. 212-152.000.
  - Nichols, Randy P., 4,519,633, Cl. 285-3.000.
  - Nochumson, Samuel, 4,504,641, Cl. 526-238.200.
  - Nochumson, Samuel, 4,542,200, Cl. 526-238.200.
  - Orlando, Franklin P.; Goulart, Joseph S.; and Chandra, Rangasami S., 4,561,299, Cl. 73-151.000.
  - Plummer, Ernest L., 4,493,844, Cl. 424-275.000.
  - Plummer, Ernest L., 4,507,317, Cl. 514-531.000.
  - Plummer, Ernest L., 4,528,408, Cl. 568-808.000.
  - Plummer, Ernest L., 4,536,591, Cl. 560-8.000.
  - Plummer, Ernest L.; Engel, John F.; and Phillips, Richard B., 4,552,892, Cl. 514-531.000.
  - Poock, Darwin N.; and Rathe, Robert A., 4,491,228, Cl. 212-239.000.
  - Poock, Darwin N., 4,492,312, Cl. 212-264.000.
  - Poock, Darwin N., 4,544,071, Cl. 212-264.000.
  - Poock, Darwin N.; and Rathe, Robert A., 4,557,391, Cl. 212-270.000.
  - Post, Steven W., 4,556,371, Cl. 417-539.000.
  - Rathe, Robert A., 4,492,311, Cl. 212-264.000.

Rathe, Robert A.; and Volkmann, Thomas J., 4,514,939, Cl. 52-118.000.

Rodler, Waldo E., Jr., 4,520,691, Cl. 74-790.000.

Rosseau, Richard B., 4,555,824, Cl. 15-87.000.

Rosseau, Richard B., 4,557,010, Cl. 15-83.000.

Scott, Junius D., 4,554,490, Cl. 318-130.000.

Sethi, Dalbir S., 4,514,376, Cl. 423-588.000.

Sethi, Dalbir S.; Meadow, Morton; and Scarito nee Bagnall, Elizabeth A., 4,539,196, Cl. 423-588.000.

Shimp, Lawrence A., 4,536,377, Cl. 423-315.000.

Sikorski, Charles F., 4,521,316, Cl. 252-8.55R.

Titsworth, Raymond; and Lill, Melvin H., 4,523,844, Cl. 356-152.000.

Ungchusri, Tep; and Jakubowski, William J., 4,527,806, Cl. 277-124.000.

Uppgren, John J., 4,512,385, Cl. 164-364.000.

Uppgren, John J.; and Scott, James W., 4,553,581, Cl. 164-16.000.

Viitanen, Veikko K., and Kreamer, William C., 4,553,373, Cl. 53-441.000.

Vijay, Tumkur R., 4,529,024, Cl. 157-1.240.

Walker, William B.; Justus, Paul D.; and Bloomfield, Michael K., 4,541,768, Cl. 414-535.000.

Witt, Henry J., 4,543,250, Cl. 424-70.000.

Wolf, Marvin L., 4,520,888, Cl. 180-125.000.

Foa, Marco; Francalanci, Franco; Gardano, Andrea; and Bencini, Elena, to Montedison S.p.A. Process for the preparation of esters or salts of aromatic or etheroaromatic acids. 4,537,970, 8-27-85, Cl. 546-319.000.

Foa, Marco: *See—*

Gardano, Andrea; Francalanci, Franco; and Foa, Marco, 4,536,595, Cl. 562-406.000.

Foam-Lag Industries Pty. Ltd.: *See—*

Willoughby, John C., 4,512,119, Cl. 52-58.000.

Foam Systems Company: *See—*

Chandler, Larry L.; Friar, Thurston R.; and Green, Berwyn W., 4,546,169, Cl. 528-272.000.

Foch, Henri; and Roux, Jacques, to Agence Nationale de Valorisation de la Recherche. Static semi-conductor electrical energy converter apparatus. 4,550,365, 10-29-85, Cl. 363-98.000.

Fochler, Helmut P.: *See—*

Pate, Harold T.; and Fochler, Helmut P., 4,524,999, Cl. 285-158.000.

Fock, Jurgen; and Schedlitzki, Dietmar, to Th. Goldschmidt AG. Thermosetting adhesive. 4,537,934, 8-27-85, Cl. 525-123.000.

Focke & Co.: *See—*

Focke, Heinz; and Liedtke, Kurt, 4,495,746, Cl. 53-389.000.

Focke, Heinz, 4,497,274, Cl. 118-221.000.

Focke, Heinz; and Balmer, Oskar, 4,505,385, Cl. 206-260.000.

Focke, Heinz; and Liedtke, Kurt, 4,508,218, Cl. 206-271.000.

Focke, Heinz; and Mutschall, Hugo W., 4,509,310, Cl. 53-170.000.

Focke, Heinz, 4,517,791, Cl. 53-566.000.

Focke, Heinz, 4,519,492, Cl. 198-408.000.

Focke, Heinz; and Bretthauer, Hans J., 4,523,919, Cl. 493-212.000.

Focke, Heinz; and Liedtke, Kurt, 4,524,658, Cl. 83-152.000.

Focke, Heinz, 4,526,360, Cl. 271-122.000.

Focke, Heinz; and Balmer, Oskar, 4,531,597, Cl. 177-84.000.

Focke, Heinz H.; and Liedtke, Kurt, 4,559,757, Cl. 53-176.000.

Focke, Heinz; and Liedtke, Kurt, to Focke & Co. Packaging apparatus for producing and feeding blanks to a packaging station. 4,495,746, 1-29-85, Cl. 53-389.000.

Focke, Heinz, to Focke & Co. Apparatus for spreading glue onto sheet-like blanks. 4,497,274, 2-5-85, Cl. 118-221.000.

Focke, Heinz; and Balmer, Oskar, to Focke & Co. Pouch pack for tobacco as well as a process and apparatus for making this. 4,505,385, 3-19-85, Cl. 206-260.000.

Focke, Heinz; and Liedtke, Kurt, to Focke & Pfuhl. Packing cigarettes. 4,507,903, 4-2-85, Cl. 53-151.000.

Focke, Heinz; and Liedtke, Kurt, to Focke & Co. Soft cigarette pack. 4,508,218, 4-2-85, Cl. 206-271.000.

Focke, Heinz; and Mutschall, Hugo W., to Focke & Co. Apparatus for the production of packs, especially cigarette cartons. 4,509,310, 4-9-85, Cl. 53-170.000.

Focke, Heinz, to Focke & Co. Apparatus for grouping cigarette cartons and loading containers therewith. 4,517,791, 5-21-85, Cl. 53-566.000.

Focke, Heinz, to Focke & Co. Method and apparatus for transporting packs from a feed track to a discharge-conveyor track. 4,519,492, 5-28-85, Cl. 198-408.000.

Focke, Heinz; and Bretthauer, Hans J., to Focke & Co. Process and apparatus for attaching small tear-open strips to packaging material or the like. 4,523,919, 6-18-85, Cl. 493-212.000.

Focke, Heinz; and Liedtke, Kurt, to Focke & Co. Apparatus for producing packaging blanks. 4,524,658, 6-25-85, Cl. 83-152.000.

Focke, Heinz, to Focke & Co. Process and apparatus for feeding bands to a pack. 4,526,360, 7-2-85, Cl. 271-122.000.

Focke, Heinz; and Balmer, Oskar, to Focke & Co. Apparatus for forming tobacco portions. 4,531,597, 7-30-85, Cl. 177-84.000.

Focke, Heinz H.; and Liedtke, Kurt, to Focke & Co. Cigarette packaging apparatus with tangential transfer. 4,559,757, 12-24-85, Cl. 53-176.000.

Focke, Holger: *See—*

Werle, Peter; Focke, Holger; Popp, Klaus; and Merk, Wolfgang, 4,492,643, Cl. 252-311.000.

Focke & Pfuhl: *See—*

Focke, Heinz; and Liedtke, Kurt, 4,507,903, Cl. 53-151.000.

Fockens, Tallienco W. H., to N.V. Nederlandsche Apparatenfabriek Nedap. Electronic detection system for detecting a responder including a frequency divider. 4,551,712, 11-5-85, Cl. 340-572.000.

Focqueur, Herve, to Valeo. Valve device for a hydraulic circuit. 4,532,768, 8-6-85, Cl. 60-585.000.

Focus Environmental Systems: *See—*

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Foden, George P.: *See—*

Fenemore, Keith E.; Foden, George P.; and Baker, Christopher J., 4,501,973, Cl. 290-1.00A.

Fodor, Lawrence M.; and Knudsen, Ronald D., to Phillips Petroleum Company. Isomer separation. 4,491,677, 1-1-85, Cl. 568-751.000.

Fodor, Peter: *See—*

Barnes, Ramon M.; and Fodor, Peter, 4,556,318, Cl. 356-316.000.

Foeldesi, Mihaly, to Daimler-Benz Aktiengesellschaft. Vehicle radiator mounting. 4,541,645, 9-17-85, Cl. 180-68.400.

Foell, Helmut; Grabmaier, Josef; and Schneider, Juergen, to Siemens Aktiengesellschaft. Method and apparatus for drawing crystalline bodies from a melt. 4,557,793, 12-10-85, Cl. 156-608.000.

Foell, Helmut: *See—*

Falckenberg, Richard; Foell, Helmut; and Grabmaier, Josef, 4,505,221, Cl. 118-101.000.

Foerster, Charles E., Jr.; Miller, Robert E.; and Pace, Aldren M., to Scans Associates, Inc. Float detection system. 4,501,972, 2-26-85, Cl. 250-577.000.

Foerster, Charles E., Jr.: *See—*

Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.

Foerster, David: *See—*

Mason, James S.; and Foerster, David, 4,555,974, Cl. 91-363.00A.

Foerster, George S., to N L Industries, Inc. Oxidation resistant magnesium alloy. 4,543,234, 9-24-85, Cl. 420-409.000.

Foerster, Rolf F., to Northern Petrochemical Company. Process for polymerizing alpha olefins with phenolic compound containing catalysts. 4,529,780, 7-16-85, Cl. 526-142.000.

Foesco International Limited: *See—*

Cooper, Kenneth C.; and Pollard, William, 4,548,380, Cl. 249-106.000.

Fog, Arne D.: *See—*

Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,497,897, Cl. 435-188.000.

Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,519,934, Cl. 252-174.120.

Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,543,333, Cl. 435-188.000.

Fogaroli, Giuseppe; and Coli, Giuseppe, to Ing. C. Olivetti & C., S.p.A. Dot matrix printing method and printer therefor. 4,549,222, 10-22-85, Cl. 358-296.000.

Fogarty, A. Edward; and Fogarty, Bonnie R. Graphic arts toy. 4,540,375, 9-10-85, Cl. 446-146.000.

Fogarty, Bonnie R.: *See—*

Fogarty, A. Edward; and Fogarty, Bonnie R., 4,540,375, Cl. 446-146.000.

Fogarty, John D.; and Borsuk, Gerald M., to Westinghouse Electric Corp. TV scrambler/descrambler using serial memories. 4,547,802, 10-15-85, Cl. 358-119.000.

Fogarty P.L.C.: *See—*

Fleet, Charles R. W.; and Hewinson, Vincent K., 4,537,594, Cl. 8-94.10R.

Fogarty, Terence M., to Mentor Corporation. Connector device for connecting elastic tubing of an implantable device. 4,537,183, 8-27-85, Cl. 128-79.000.

Fogarty, Thomas J.: *See—*

Chin, Albert K.; and Fogarty, Thomas J., 4,493,711, Cl. 604-271.000.

Chin, Albert K.; and Kinney, Thomas B., 4,526,175, Cl. 128-344.000.

Chin, Albert K., 4,559,927, Cl. 128-1.00R.

Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Process for the preparation of optically active cyclopropane carboxylic acids. 4,508,919, 4-2-85, Cl. 562-401.000.

Fogel, Arnold W.; and Zofchak, Albert, to Bernel Chemical Co.; and Alzo, Inc. Hair compositions containing mixtures of quaternary ammonium compounds and tertiary amine salts of long-chain acids. 4,537,762, 8-27-85, Cl. 424-70.000.

Fogel, Arnold W.; and Smith, Ronald J., to Bernel Chemical Company Inc.; and Heterene Chemical Company, Inc. Self-emulsifying alkoxylate esters. 4,559,226, 12-17-85, Cl. 424-66.000.

Fogel, Harvey P., to General Foods Corporation. Process for preparing a fruit and cereal product. 4,517,210, 5-14-85, Cl. 426-392.000.

Fogel, Isaac; and Keefer, Donald W., to Classic Corporation. Waterbed construction. 4,506,397, 3-26-85, Cl. 5-451.000.

Fogel, Seymour; Welch, Juliet W.; and Karin, Michael, to University of California, The Regents of the. High efficiency eukaryotic metallothionein promoter system. 4,511,652, 4-16-85, Cl. 435-29.000.

Fogelberg, Mark J., to Borg-Warner Corporation. Spring-assisted shift apparatus. 4,531,423, 7-30-85, Cl. 74-475.000.

Fogelberg, Mark J., to Borg-Warner Corporation. Magnetically synchronized clutch apparatus. 4,561,520, 12-31-85, Cl. 180-247.000.

Fogelson, Seymour, to Fogelson, Seymour. Apparatus for stabilizing plant support stakes in pots. 4,509,289, 4-9-85, Cl. 47-70.000.

Fogerson, Richard D., to Ore-Ida Foods, Inc. Apparatus for processing potatoes. 4,526,093, 7-2-85, Cl. 99-584.000.

Fogg, James L.; Vining, George E.; Smith, John H.; and Howell, Cecil A., to Westinghouse Electric Corp. Individual nuclear fuel rod weighing system. 4,522,276, 6-11-85, Cl. 177-145.000.

Fogg, Jeffrey R., to Caterpillar Tractor Co. Wall construction for a vehicle cab. 4,546,696, 10-15-85, Cl. 98-2.180.

Fogg, O. Douglas: *See—*

Haag, George A.; Fogg, O. Douglas; Greenley, Gordon A.; Shepard, Steve A.; and Terry, F. Duncan, 4,495,599, Cl. 364-900.000.

Foggini, Giovanni, to Lear S.n.c. di Foggini & C. Cell structure sun visor for automobile vehicles including retention and snap-action positioning means. 4,521,046, 6-4-85, Cl. 296-97.00K.

Foggini, Giovanni, to Lear S.n.c. di Foggini & C. Swivel attachment for auto vehicle adjustable sun visors. 4,525,008, 6-25-85, Cl. 296-97.00K.

Foggini, Giovanni, to Lear S.n.c. di Foggini & C. Swivel connector for securing motorvehicle sun visors. 4,533,275, 8-6-85, Cl. 403-165.000.

Foggles, Inc.: *See—*

Gilson, Richard D.; and Young, Edgar D., 4,542,964, Cl. 351-44.000.

Fogle, Ozzie: *See—*

Julian, Jere C.; Fogle, Ozzie; and Helms, Roseann S., 4,552,792, Cl. 428-40.000.

Fogle, Richard M.: *See—*

Campbell, John G.; Schoeneberger, Carl F.; Bundens, Allan B.; Fogle, Richard M.; and Lemburg, John R., 4,536,791, Cl. 358-122.000.

Fogleboch, John R., Sr.: *See—*

Smith, Edwin B.; and Fogleboch, John R., Sr., 4,546,328, Cl. 331-4.000.

Foglein, Ferenc: *See—*

Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252, Cl. 435-240.000.

Foglio, Maurizio; Franceschi, Giovanni; Scarafile, Cosimo; Arcamone, Federico; and Sanfilippo, Aurora, to Farmitalia Carlo Erba S.p.A. β-Lactam-containing antibacterial agents and β-lactamase inhibitors. 4,558,042, 12-10-85, Cl. 514-192.000.

Foglio, Maurizio: *See—*

Alpegiani, Marco; Battistini, Carlo; Bedeschi, Angelo; Franceschi, Giovanni; Foglio, Maurizio; and Zarini, Franco, 4,508,649, Cl. 260-245.20R.

Fogo, Richard: *See—*

Sauer, Kenneth; and Fogo, Richard, 4,559,734, Cl. 43-4.000.

Fogt, Eric J.: *See—*

Cahalan, Patrick T.; Jevne, Allan H.; and Fogt, Eric J., 4,519,973, Cl. 264-267.000.

Fogt, Kenneth E.; Slosser, James D.; Varos, John A.; and Radhakrishnan, Gopinath, to Pioneer Industrial Products Company. Protective apparel material and method for producing same. 4,526,828, 7-2-85, Cl. 428-229.000.

Foguet, Rafael: *See—*

Forne, Ernesto; Foguet, Rafael; Sacristan, Aurelio; and Ortiz, Jose A., 4,535,159, Cl. 544-148.000.

Fohl, Arthur, to Repa Feinstanzwerk GmbH. Safety belt roll-up device, especially for protecting persons in motor vehicles. 4,549,705, 10-29-85, Cl. 242-107.40R.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Deflector fitting with clamping device for a safety belt in motor vehicles. 4,491,343, 1-1-85, Cl. 280-801.000.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Safety belt system for motor vehicles. 4,491,344, 1-1-85, Cl. 280-808.000.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Belt band-clamping arrangement for safety belts in motor vehicles. 4,494,774, 1-22-85, Cl. 280-806.000.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Drive device for moving the end fitting of a passive safety belt. 4,505,496, 3-19-85, Cl. 280-804.000.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Mechanism in roll-up device for safety belts in motor vehicles. 4,509,708, 4-9-85, Cl. 242-107.700.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Automatically locking belt roll-up device for safety belts, especially for motor vehicles. 4,529,144, 7-16-85, Cl. 242-107.40E.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Lock for safety belts. 4,543,694, 10-1-85, Cl. 24-656.000.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Coupling device for the winding shaft of a safety belt roll-up device with retightening device. 4,549,704, 10-29-85, Cl. 242-107.000.

Fohl, Artur, to Repa Feinstanzwerk GmbH. Belt lock for a safety belt. 4,549,768, 10-29-85, Cl. 297-468.000.

Fohl, Michael W.: *See—*

Sawyer, Robert D.; and Fohl, Michael W., 4,536,145, Cl. 425-289.000.

Fohl, Timothy; Keeffe, William M.; and Rothwell, Harold L., to GTE Products Corporation. Metal halide arc discharge lamp with means for suppressing convection currents within the outer envelope and methods of operating same. 4,499,396, 2-12-85, Cl. 313-25.000.

Fohlen, George M.: *See—*

Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., 4,499,260, Cl. 528-229.000.

Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., 4,522,755, Cl. 260-245.750.

Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., 4,537,834, Cl. 428-413.000.

Kumar, Devendra; Fohlen, George M.; and Parker, John A., 4,550,177, Cl. 548-413.000.

Varma, Indra K.; Fohlen, George M.; and Parker, John A., 4,496,701, Cl. 526-262.000.

Fohler, Johann, to Voest-Alpine Aktiengesellschaft. Arrangement for exchanging measuring and/or sampling probes. 4,537,072, 8-27-85, Cl. 73-432.00R.

Fohler, Johann, to Voest-Alpine Aktiengesellschaft. Arrangement for exchanging measuring and/or sampling probes. 4,543,838, 10-1-85, Cl. 73-864.310.

Fohler, Johann, to Voest-Alpine Aktiengesellschaft. Magazine arrangement for measuring and/or sampling probes. 4,560,314, 12-24-85, Cl. 414-276.000.

Fohrenkamm, Elsie A.; and Rousseau, Alan D., to Minnesota Mining and Manufacturing Company. Ethylenically-unsaturated dextrin composition for preparing a durable hydrophilic photopolymer. 4,511,646, 4-16-85, Cl. 430-283.000.

Fohrenkamm, Elsie A.: *See—*

Rousseau, Alan D.; Fohrenkamm, Elsie A.; and Kausch, William L., 4,507,382, Cl. 430-275.000.

Foissner, Herbert; Krautwald, Herbert; and Minke, Lutz, to Siemens Aktiengesellschaft. Insulating arrangement for a capacitive protective fence having a metal encapsulated insulator, a mounting device for an electric wire and a device for fastening the insulating arrangement to a fence post. 4,531,019, 7-23-85, Cl. 174-163.00F.

Foister, Robert T.; and Gray, Richard K., to General Motors Corporation. Method of bonding phosphated steel surfaces electrodeposited with a primer. 4,544,432, 10-1-85, Cl. 156-307.300.

"FOK-GYEM" Finommechanikai es Elektronikus Muszergyarto Szovetkezet: *See—*

Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, 4,528,932, Cl. 116-204.000.

Fokker B.V.: *See—*

Breedveld, Cornelis A.; and de Haan, Frans W., 4,494,716, Cl. 244-213.000.

Kester, Gerardus J. A. N., 4,540,873, Cl. 219-200.000.

Sarin, Sohan L.; and Zandbergen, Teun, 4,539,245, Cl. 428-116.000.

Schliekelmann, Robert J., 4,507,967, Cl. 73-621.000.

Van Bochove, Gijsbertus F. J.; and Somers, Petrus A. A. M., 4,494,410, Cl. 73-644.000.

Folch, Carlos M., to Bendiberica S.A. Hydro-pneumatic braking device. 4,553,644, 11-19-85, Cl. 188-72.400.

Folco, Luciano; and Reniero, Cirillo S., to Folco, Luciano. Continuous-cycle electroplating plant. 4,559,122, 12-17-85, Cl. 204-201.000.

Foldesi, Dezso: *See—*

Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

Foldi, Peter: *See—*

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Foldmero es Talajvizsgalo Vallalat: *See—*

Szekely, Tamas; Csanda, Ferenc; Nagy, Gabor; and Czerny, Gyozo, 4,492,494, Cl. 405-264.000.

Foldvari, Tibor L.; Boucher, Donald R.; and Flanagan, Eugene L., III, to American Home Products Corporation (Del.). Strip chart recorder and medium status. 4,533,926, 8-6-85, Cl. 346-136.000.

Folestad, Sven S.; Galle, Bo G.; Johnson, Lars Goran I.; and Josefsson, Bjorn O. Laser induced fluorescence detection in modern liquid chromatography with conventional and micro columns. 4,548,498, 10-22-85, Cl. 356-318.000.

Foley, Daniel M., Jr., to Brail, Fred, a part interest. Drive-actuated latching device for a security parking gate. 4,549,369, 10-29-85, Cl. 49-279.000.

Foley, Geoffrey M. T.; and Enck, Rudolph C., to Xerox Corporation. Electrophotographic imaging member with interface layer. 4,554,230, 11-19-85, Cl. 430-58.000.

Foley, James; Habbal, Fawwaz; and Leahy, John, to Polaroid Corporation. Apparatus and method for disorienting magnetic particles in magnetic recording media. 4,518,627, 5-21-85, Cl. 427-48.000.

Foley, John T.: *See—*

Bilstad, Arnold C.; Foley, John T.; and Woodworth, Walker P., 4,493,693, Cl. 604-6.000.

Bilstad, Arnold C.; Foley, John T.; and Woodworth, Walker P., 4,498,983, Cl. 210-97.000.

Bilstad, Arnold C.; and Foley, John T., 4,501,531, Cl. 417-63.000.

Foley, Lary L. Composition for control of bacteria and viruses. 4,548,812, 10-22-85, Cl. 424-78.000.

Foley, Mark P.: *See—*

Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,494,947, Cl. 474-251.000.

Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,559,029, Cl. 474-251.000.

Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.

Foley, Michael S.: *See—*

Petric, Paul F.; and Foley, Michael S., 4,524,261, Cl. 219-121.0EL.

Petric, Paul F.; Foley, Michael S.; Utlaut, Mark W.; and Laiacano, Joseph A., 4,528,451, Cl. 250-441.100.

Petric, Paul F.; Foley, Michael S.; Waz, John J.; and Milgate, Robert W., III, 4,560,880, Cl. 250-441.100.

Foley, Norman G. Football goal post with explosive-type souvenir projector. 4,535,988, 8-20-85, Cl. 273-55.00D.

Foley, Paul, to Celanese Corporation. Hydroesterification of 1-alkene. 4,501,822, 2-26-85, Cl. 502-162.000.

Foley, Paul, to Celanese Corporation. Production of carbonate diesters from oxalate diesters. 4,544,507, 10-1-85, Cl. 260-463.000.

Foley, Peter N.; and Turbard, Alan M., to Borg-Warner Limited. Environmental control system. 4,517,810, 5-21-85, Cl. 62-186.000.

Foley, Robert W.; Storck, Robert C.; Mickus, Donald J., deceased; and by Pastors, Debbie, executrix, to Dresser Industries, Inc. Conduit arrangement for tilt cylinder of a bulldozer. 4,554,979, 11-26-85, Cl. 172-813.000.

Foley, Robert W.: *See—*
MacPherson, David B.; Paris, Jay E.; Foley, Robert W.; Greinier, Martin W.; and Pulsifer, David N., 4,516,281, Cl. 4-319.000.

Foley, Steven L.; and Bower, David S., to Digital Products Corporation. Gaming apparatus with color sensitive detector. 4,533,141, 8-6-85, Cl. 273-86.00C.

Foley, William H., to General Dynamics Corporation. Takeoff and landing platform for V/STOL airplane. 4,541,594, 9-17-85, Cl. 244-114.00B.

Foley, William M., to McCarry, John D. Silicone hydride contact lens and polymer. 4,507,452, 3-26-85, Cl. 526-279.000.

Folgero, Kare, to ASEA Aktiebolag. Channel-type induction furnace of the teapot type. 4,559,632, 12-17-85, Cl. 373-159.000.

Folkers, Joie L., to Ameron, Inc. Pipe coupling. 4,519,637, 5-28-85, Cl. 285-113.000.

Folkers, Karl; Bowers, Cyril Y.; Kubiak, Teresa M.; and Stepinski, Janusz, to Board of Regents, The University of Texas System. Synthetic pyridyl-alanyl decapeptides having antiovulatory activity. 4,504,414, 3-12-85, Cl. 260-112.5LH.

Folkers, Karl; and Laesecke, Klaus P., to Board of Regents, The University of Texas System. Lipoidal biopterin compounds. 4,550,109, 10-29-85, Cl. 514-249.000.

Folkerth, Harold E., to Shopsmith, Inc. Tilting table for a woodworking tool. 4,494,591, 1-22-85, Cl. 144-286.00A.

Folkerts, Cornie. Hitch pin securing device. 4,552,377, 11-12-85, Cl. 280-515.000.

Folkins, Jeffrey J.; Haque, Shahid; Loeb, Alfred M.; and Till, Henry R., to Xerox Corporation. Control system for regulating the dispensing of marking particles in an electrophotographic printing machine. 4,492,179, 1-8-85, Cl. 118-689.000.

Foll, Eberhard; Holl, Peter; and Vetter, Helmut, to Polymer-Physik GmbH & Co. Process for crosslinking lacquers which are based on plastics and have been applied to base materials. 4,508,750, 4-2-85, Cl. 427-44.000.

Foll, Helmut: *See—*
Grabmaier, Josef; Falckenberg, Richard; and Foll, Helmut, 4,533,428, Cl. 156-608.000.

Foll, William A., Sr.: *See—*
Buckner, Leonard; Foll, William A., Sr.; and Pesho, Stephen W., 4,493,178, Cl. 53-131.000.
Buckner, Leonard; Foll, William A., Sr.; and Pesho, Stephen W., 4,516,380, Cl. 53-282.000.

Folland, Glenn A. System for production of Roman type shades. 4,501,311, 2-26-85, Cl. 160-127.000.

Foller, Peter C., to Oxytech, Inc. Process and device for the generation of ozone via the anodic oxidation of water. 4,541,989, 9-17-85, Cl. 422-186.070.

Foller, Peter C., to Chevron Research Company. Gas diffusion anode. 4,560,443, 12-24-85, Cl. 204-283.000.

Foller, Werner, to GESTRA Kondensatableiter GmbH & Co. Bimetallically controlled steam trap. 4,561,588, 12-31-85, Cl. 236-59.000.

Follert, Hans G.; Rzepka, Herbert; and Schwert, Martin, to Gewerkschaft Eisenhutte Westfalia. Cutting appliances for use in tunnel driving operations. 4,556,256, 12-3-85, Cl. 299-33.000.

Folling, Norman D.; and Terrana, Donald B., to Boeing Company, The. Cargo transfer system. 4,544,319, 10-1-85, Cl. 414-505.000.

Folmsbee, Alan C., to Intel Corporation. Radiation shield for an integrated circuit memory with redundant elements. 4,519,050, 5-21-85, Cl. 365-53.000.

Folsberg, Jan, to F. L. Smidth & Co. Method and apparatus for sorting particulate material. 4,511,462, 4-16-85, Cl. 209-140.000.

Folser, Karl: *See—*
Theurer, Josef; Folser, Karl; and Oellerer, Friedrich, 4,530,403, Cl. 171-16.000.
Theurer, Josef; and Folser, Karl, 4,538,686, Cl. 171-16.000.

Folsmbee, Alan C., to Intel Corporation. Radiation shield for a portion of a radiation sensitive integrated circuit. 4,530,074, 7-16-85, Cl. 365-53.000.

Folson, Henry J., to Illinois Tool Works Inc. Brake for twin wheel casters. 4,550,808, 11-5-85, Cl. 188-1.120.

Foltz, Carl L., to Halkey-Roberts Corporation. Conductor tube for flashlights. 4,495,551, 1-22-85, Cl. 362-205.000.

Fomin, Georgy M.: *See—*
Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.

Fomin, Viktor I.; Guzenko, Stanislav I.; Egai, Mikhail N.; and Manenkov, Jury A. Method for generation of acoustic vibrations and source of acoustic vibrations for realizing same. 4,545,042, 10-1-85, Cl. 367-189.000.

Fomo Products, Inc.: *See—*
Farrey, Merlyn F., 4,496,081, Cl. 222-135.000.
Farrey, Merlyn F., 4,550,863, Cl. 222-145.000.

Fonash, Stephen J.: *See—*
Rohatgi, Ajeet; Rai-Choudhury, Prosenjit; Gigante, Joseph R.; Singh, Ranbir; and Fonash, Stephen J., 4,522,657, Cl. 148-1.500.

Foncages et Forages Bessac, S.A.: *See—*
Bessac, Michel, 4,508,390, Cl. 299-33.000.

Fonderie Officine Riunite Ing. Graziano di L. Graziano & C S.a.s.: *See—*
Bacchio, Giovanni, 4,547,936, Cl. 19-258.000.

Fondronnier, Jacques; Guillerm, Jean; and Comte, Michel, to Centre Technique du Bois et de L'Ambeublement. Veneer lathe. 4,559,987, 12-24-85, Cl. 144-213.000.

Fong, Chen S.: *See—*
Seng, Yeoh C.; and Fong, Chen S., 4,549,897, Cl. 71-3.000.

Fong, Dodd W., to Nalco Chemical Company. Retention aids. 4,515,658, 5-7-85, Cl. 162-168.400.

Fong, Dodd W.; and Kowalski, David J., to Nalco Chemical Company. Water-soluble sulfonated polymers. 4,546,156, 10-8-85, Cl. 526-240.000.

Fonov, Sergei D.: *See—*
Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.

Fons, Gerrit, to Jansens & Dieperink B.V. Large container especially a silo. 4,561,222, 12-31-85, Cl. 52-197.000.

Fonstad, Clifton G.: *See—*
Tabatabaie-Alavi, Kamal; Choudhury, Abu N. M. M.; Slater Gabriel, Nancy J.; and Fonstad, Clifton G., 4,494,995, Cl. 148-1.500.

Fontaine, Gregory N.; and Traut, Richard T., to Simplex Wire & Cable Company. Power cable joint. 4,504,695, 3-12-85, Cl. 174-21.00R.

Fontaine, Jean F. L.; and Graas, Maurice, to Goodyear Tire & Rubber Company, The. Pneumatic tire. 4,546,808, 10-15-85, Cl. 152-209.00R.

Fontaine, Jean-Guy; Sarrazin, Rejean; and Poirier, Jean-Denis, to Les Controles Vidomatic Inc. Method and a device for controlling a silo unloader. 4,529,347, 7-16-85, Cl. 414-315.000.

Fontaine, Joseph S.: *See—*
Kennedy, Alvin B., III; Fontaine, Joseph S.; Kennard, Alfred J.; and Morrison, J. Bruce, 4,537,685, Cl. 210-709.000.

Fontaine, Michel: *See—*
Elmaraghy, Rachik; and Fontaine, Michel, 4,549,456, Cl. 83-478.000.

Fontaine, Paul. Blast nozzle for blowing off liquids from surfaces. 4,535,936, 8-20-85, Cl. 239-117.000.

Fontaine, Paul I.; Jones, Evan T. R.; and Batham, John K., to Foseco International Limited. Calcium oxide based flux compositions. 4,561,894, 12-31-85, Cl. 75-257.000.

Fontana, Alberto; Fontanelli, Renzo; Sacrini, Egeo; and Cicchetti, Osvaldo. Salts of aminic organic peroxides. 4,499,273, 2-12-85, Cl. 546-188.000.

Fontana, Eugenio: *See—*
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Fooshee, Robert. Conductive fluid optical display panel and method of manufacture. 4,558,314, 12-10-85, Cl. 340-788.000.
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Forbes, Mel L.; and Venaleck, John T., to 4C Electronics, Inc. Programmed socket and contact. 4,557,540, 12-10-85, Cl. 339-17.0CF.
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Rosen, Stanley D.; and Ross, William D., 4,526,065, Cl. 74-869.000.
Sabel, Gustav, 4,543,845, Cl. 74-477.000.
Sagady, Daniel V., 4,514,108, Cl. 403-359.000.
Salazar, Sumorfin, 4,532,675, Cl. 16-335.000.
Schechter, Michael M., 4,497,299, Cl. 123-451.000.
Schechter, Michael M., 4,498,625, Cl. 239-5.000.
Schechter, Michael M.; and Simko, Aladar O., 4,541,394, Cl. 123-506.000.
Schneider, Jack H.; and Huber, Gary D., 4,549,266, Cl. 364-426.000.
Schowiak, Duane C., 4,509,684, Cl. 239-112.000.
Simko, Aladar O., 4,561,391, Cl. 123-90.270.

Simon, Frederick A.; and Forcey, Thomas H., 4,550,944, Cl. 296-70.000.

Skynar, Larry, 4,519,589, Cl. 267-52.000.

Stace, Richard J. L., 4,513,709, Cl. 123-306.000.

Stocker, Raymond, 4,505,045, Cl. 33-181.0AT.

Stockton, Thomas R., 4,505,350, Cl. 180-143.000.

Stockton, Thomas R., 4,522,565, Cl. 417-220.000.

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Stoddard, John P., 4,555,958, Cl. 74-10.330.

Stojek, Dieter, 4,551,284, Cl. 261-44.00B.

Strutt, Derek W., 4,541,298, Cl. 74-493.000.

Stutenkemper, Paul; Rest, Heinz; and Kloppe, Herbert, 4,518,138, Cl. 248-73.000.

Svab, Eugen, 4,502,352, Cl. 74-689.000.

Swider, Robert A.; and Horsch, Martha E., 4,515,911, Cl. 523-414.000.

Tannenlaufer, Gerd; Frank, Julius; and Forsting, Bernhard, 4,541,611, Cl. 251-228.000.

Theodore, Ares N.; and Chattha, Mohinder S., 4,528,317, Cl. 524-504.000.

Theodore, Ares N.; and Chattha, Mohinder S., 4,530,957, Cl. 524-504.000.

Theodore, Ares N.; and Chattha, Mohinder S., 4,533,695, Cl. 524-504.000.

Turner, Robert; and Seabrook, Robert A., 4,507,982, Cl. 74-493.000.

Ufrecht, Martin; and Rest, Heinz, 4,509,293, Cl. 49-502.000.

Vahratian, Adam; Maynard, Roosevelt, Jr.; Croswhite, Howard L.; and Liang, Po-lung, 4,509,389, Cl. 74-695.000.

Veneziano, Marcello, 4,553,207, Cl. 364-431.010.

Wade, Wallace R.; and Rao, Vemulapalli Durga N., 4,538,411, Cl. 60-274.000.

Walsh, John P., 4,560,045, Cl. 192-3.580.

Wardill, Gordon A., 4,545,172, Cl. 52-795.000.

Watanabe, Shunso F., 4,526,060, Cl. 74-626.000.

Weber, Neill, 4,505,991, Cl. 429-11.000.

Weiss, Edwin, 4,541,372, Cl. 123-90.170.

Wells, Wayne E., 4,519,590, Cl. 267-52.000.

Wingfield, Robert C., Jr.; Braslaw, Jacob; and Gealer, Roy L., 4,515,659, Cl. 201-2.500.

Wolak, Ronald G., 4,519,830, Cl. 65-162.000.

Yao, Yung-Fang Y., 4,520,005, Cl. 423-599.000.

Zinbo, Mikio; Jensen, Ronald K.; and Johnson, Milton D., 4,554,085, Cl. 252-46.600.

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Schneck, James C.; and Ford, Patrick J., 4,504,500, Cl. 426-265.000.

Ford, Raymond T.; Brackelmanns, Norbert W.; Wheatley, Carl F., Jr.; and Neilson, John M. S., to RCA Corporation. MOSFET with perimeter channel. 4,532,534, 7-30-85, Cl. 357-23.400.

Ford, Roger S.; Shie, Herman J., III; and Baird, Thomas E., Sr., to Scott & Fetzer Company, The. Vacuum cleaner dirt box. 4,514,199, 4-30-85, Cl. 55-337.000.

Ford, Russell A.: *See—*

Edwards, John C.; and Ford, Russell A., 4,550,775, Cl. 165-111.000.

Ford, Spencer K.: *See—*

Wells, Edward S.; Ford, Spencer K.; Werner, Jack E.; and Lindsay, Erin J., 4,512,163, Cl. 62-394.000.

Ford, Terry P.: *See—*

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Ford, Thomas J., to Phillips Petroleum Company. Crimped staple fiber. 4,547,934, 10-22-85, Cl. 19-0.560.

Ford-Werke Aktiengesellschaft: *See—*

Svab, Eugen; van Deursen, Petrus H.; and Cadee, Theodorus P. M., 4,543,852, Cl. 74-695.000.

Fordahl S.A.R.L.: *See—*

Engdahl, Jean; and Formaz, Jerome, 4,510,602, Cl. 371-21.000.

Forde, George S., Jr. Self-wiping universal liquid level gauge. 4,558,520, 12-17-85, Cl. 33-126.70R.

Forde, John C.: *See—*

Boothman, David R.; and Forde, John C., 4,544,982, Cl. 361-96.000.

Forde, Louis. Apparatus for giving engines positive effect. 4,493,299, 1-15-85, Cl. 123-185.00S.

Fordonal, S.A.: *See—*

Soto, Jose M. P.; Noverola, Armando V.; Mauri, Jacinto M.; and Spickett, Robert G. W., 4,550,116, Cl. 514-327.000.

Fore, Joseph M.: *See—*

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Fore, William M., to Halliburton Company. Well packer. 4,524,825, 6-25-85, Cl. 166-139.000.

Fore, William M., to Halliburton Company. Wireline set/tubing retrieve packer type bridge plug. 4,545,431, 10-8-85, Cl. 166-183.000.

Foreman, Arnal B., Jr.: *See—*

Peil, Archie W.; and Foreman, Arnal B., Jr., 4,558,842, Cl. 251-1.300.

Foreman, Frederick A.: *See—*

Edwards, Michael F.; Barlow, John; Foreman, Frederick A.; and Williams, Gwynne, 4,538,860, Cl. 305-56.000.

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Foreman, Gordon T.: *See—*

Bergamo, Robert L.; Foreman, Gordon T.; Gallaro, Anthony V.; and Nagel, Judy A., 4,505,999, Cl. 430-24.000.

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Foreman, Mark M., to Eli Lilly and Company. Treatment of sexual dysfunction. 4,521,421, 6-4-85, Cl. 514-267.000.

Foreman, Mark M.: *See—*

Wong, David T.; and Foreman, Mark M., 4,528,290, Cl. 514-293.000.

Foreman, Robert J.: *See—*

Gerard, William A.; and Foreman, Robert J., 4,527,094, Cl. 315-39.550.

Foreman, Robert W., to Park Chemical Company. Method for treating barium toxic water using low-temperature stabilized polyacrylamide compositions. 4,491,523, 1-1-85, Cl. 210-728.000.

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Bjelvert, Sven; Olofsson, Goran; and Nystrom, Per, 4,506,603, Cl. 102-401.000.

Hansson, Borje; Johansson, Borje; and Pramskog, Torbjorn, 4,548,122, Cl. 89-37.050.

Johansson, Borje; Pramskog, Torbjorn; and Sandberg, Jan-Erik, 4,554,860, Cl. 89-1.700.

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Summers, David P., 4,531,768, Cl. 285-338.000.

Summers, David P., 4,534,541, Cl. 251-331.000.

Foresi, Anthony; and Naysmith, Peter, to Anthony Foresi & Associates, Inc. Sheet stacking system. 4,509,740, 4-9-85, Cl. 271-224.000.

Foresman, Robert. Quick release tiller extension. 4,553,496, 11-19-85, Cl. 114-144.00R.

Foresman, Robert R. Telescoping pole. 4,539,927, 9-10-85, Cl. 114-89.000.

Forest, Joseph G.; and Czarnetzky, Edward J., to International Stock Food Corporation. Method for preserving silage and related compositions. 4,508,737, 4-2-85, Cl. 426-54.000.

Forest Laboratories, Inc.: *See—*

Blank, Izhak, 4,533,540, Cl. 424-28.000.

Davis, Stanley S.; and Gaylord, Norman G., 4,540,566, Cl. 424-22.000.

Forester, Buford G. Valve. 4,499,919, 2-19-85, Cl. 137-613.000.

Forester, Buford G. Geothermal expansion wellhead system. 4,512,410, 4-23-85, Cl. 166-380.000.

Forester, Buford G.; and Redmon, Billy L., to Custom Oilfield Products, Inc. High pressure shut-off valve. 4,541,608, 9-17-85, Cl. 251-77.000.

Forester, Robert J.: *See—*

Yeazel, Kenneth L.; and Forester, Robert J., 4,538,951, Cl. 414-407.000.

Forester, Roger J.; and White, Lloyd R., to Minnesota Mining and Manufacturing Company. Uniform minimum-permeability woven fabric, filter, and process therefor. 4,543,113, 9-24-85, Cl. 55-378.000.

Foresti, Maria L.: *See—*

Guidelli, Rolando; and Foresti, Maria L., 4,548,679, Cl. 204-1.00T.

Forestier, Alexandre, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Damping device for turbojet engine fan blades. 4,494,909, 1-22-85, Cl. 416-190.000.

Forestier, Alexandre; Pluquet, Alain A.; Rosa, Roger A.; Tabet, Mansour; and Teysseyre, Pierre M., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Apparatus for molding and perforating a FRP sheet. 4,525,135, 6-25-85, Cl. 425-290.000.

Forestier, Alexandre; and Joubert, Raymond J. M., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Device for locking a turbine rotor blade. 4,527,952, 7-9-85, Cl. 416-220.00R.

Forestier, Lucienne: *See—*

Dubois, Jean; Lacroix, Alain; Forestier, Lucienne; and Steiner, Jean-Pierre, 4,507,812, Cl. 4-228.000.

Forestier, Serge: *See—*

Jacquet, Bernard; Lang, Gerard; Malaval, Alain; Forestier, Serge; and Le Trung, Do, 4,517,174, Cl. 424-62.000.

Forestiere, Alain: *See—*

Courty, Philippe; Durand, Daniel; Travers, Christine; Chaumette, Patrick; and Forestiere, Alain, 4,552,861, Cl. 502-302.000.

Foresto, Sam. Burning apparatus with means for heating and cleaning polluted products of combustion. 4,550,669, 11-5-85, Cl. 110-245.000.

Forgac, John M.; and Hoekstra, George R., to Standard Oil Company (Indiana); and Gulf Oil Corporation. Pulsed in situ retorting in an array of oil shale retorts. 4,552,214, 11-12-85, Cl. 166-259.000.

Forgac, John M.: *See—*

Hoekstra, George R.; and Forgac, John M., 4,532,991, Cl. 166-261.000.

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Dudas, Ferenc; and Levardy, Ivan, 4,557,642, Cl. 408-239.00R.

Forges, Robert: *See—*

de Villepoix, Raymond; Fages, Jean; Forges, Robert; Abbes, Claude; and Rouaud, Christian, 4,561,662, Cl. 277-229.000.

Forgey, James; and Kirk, Donald, Jr., to Hamlin International Corp. Method and apparatus for scrambling and descrambling video signals in a multichannel system. 4,511,919, 4-16-85, Cl. 358-120.000.

Forgione, Peter S.; Singh, Balwant; and Sedlak, John A., to American Cyanamid Company. Method for sizing paper using hydrolyzed homopolymers or copolymers of meta- or para- isopropenyl-α,α-dimethylbenzylisocyanate. 4,547,265, 10-15-85, Cl. 162-164.600.

- Forgo, Imre; and Francois, Jacques, to Ciba-Geigy Corporation. Process for producing a storage-stable, miscible curing agent for acrylate resin adhesives. 4,496,694, 1-29-85, Cl. 525-163.000.
- Foringer, John W. B.: *See—*
  - Manske, Heinz J., 4,501,071, Cl. 33-245.000.
- Forino, Costante: *See—*
  - Franco, Larry J.; Franco, Jill; Forino, Margaret K.; and Forino, Costante, 4,506,769, Cl. 190-108.000.
- Forino, Margaret K.: *See—*
  - Franco, Larry J.; Franco, Jill; Forino, Margaret K.; and Forino, Costante, 4,506,769, Cl. 190-108.000.
- Forintek Canada Corp.: *See—*
  - Walser, Donald C., 4,531,435, Cl. 82-40.00R.
- Forizs, Lorant. VTOL aircraft. 4,537,372, 8-27-85, Cl. 244-12.400.
- Forjas Taurus S.A.: *See—*
  - Bornancini, Jose C. M., 4,539,770, Cl. 42-7.000.
- Forjot, Roland. Apparatus for learning to ski. 4,545,575, 10-8-85, Cl. 272-97.000.
- Fork, Inc.: *See—*
  - Albright, Ronald G.; and Albright, William D., 4,533,143, Cl. 273-144.00B.
- Forker, John S.: *See—*
  - Lushtak, Alexander S.; and Forker, John S., 4,503,491, Cl. 364-200.000.
- Forlani, Fausto: *See—*
  - Occhialini, Giorgio; Grazia, Gabrio; and Forlani, Fausto, 4,548,313, Cl. 198-430.000.
- Formaini, Richard E., to Georgia-Pacific Resins, Inc. Urea-formaldehyde liquid fertilizer suspension. 4,526,606, 7-2-85, Cl. 71-3.000.
- Formall Syn-Trac Systems, Inc.: *See—*
  - Forshee, David J., 4,491,076, Cl. 108-53.100.
- Forman, Edward W.; and Kozlowski, Mark F., to Mobil Oil Corporation. Continuous layon roller film winder. 4,541,583, 9-17-85, Cl. 242-56.00A.
- Forman, Steven E.; and Caunt, James W., to Massachusetts Institute of Technology. Infrared microscope inspection apparatus. 4,501,966, 2-26-85, Cl. 250-332.000.
- Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, to Metallgesellschaft Aktiengesellschaft; and Mannesmann Aktiengesellschaft. Process of producing liquid carbon-containing iron. 4,551,172, 11-5-85, Cl. 75-11.000.
- Formaz, Jerome: *See—*
  - Engdahl, Jean; and Formaz, Jerome, 4,510,602, Cl. 371-21.000.
- Formenov, Alexandr I.: *See—*
  - Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.
- Formers of Houston, Inc.: *See—*
  - Hokanson, Ronald A., 4,532,754, Cl. 53-451.000.
- Formflo Limited: *See—*
  - Holt, Peter J., 4,510,781, Cl. 72-105.000.
- Formhals, C.: *See—*
  - Tarozzi, R. A.; and Formhals, C., 4,550,864, Cl. 222-209.000.
- Formica Corporation: *See—*
  - Blasing, Elmer P.; Keeling, Ronald J.; and Roe, Jin-Young K., 4,499,125, Cl. 428-503.000.
  - Hosler, John F., 4,505,974, Cl. 428-329.000.
  - Knapp, Larry L.; and Drees, Terry P., 4,530,883, Cl. 428-503.000.
- Formo, Jerome L.; Lasher, Albert C.; and White, Robert W., to O Tray Corporation. Nestable, stackable cutlery. 4,524,512, 6-25-85, Cl. 30-147.000.
- Formosa Plastics Corporation: *See—*
  - Cheng, Cheng-Yi; Lee, Shou-Yuan; Chen, Kwang-Ming; and Hong, Won-Doon, 4,539,380, Cl. 526-78.000.
- Forms & Surfaces: *See—*
  - Grossman, Harvey L., 4,499,629, Cl. 16-111.00R.
- Formulabs Industrial Inks, Inc.: *See—*
  - Ryan, Thomas D., 4,536,184, Cl. 8-508.000.
- Fornadel, J. Stephen, and Long, Harry F., to Armstrong World Industries, Inc. Formable pulp compositions. 4,562,218, 12-31-85, Cl. 524-15.000.
- Fornas, Mikael; Sipila, Raimo; and Lehto, Altti, to Raupak Oy. Dust bag for use in a vacuum cleaner. 4,539,027, 9-3-85, Cl. 55-378.000.
- Forne, Ernesto; Foguet, Rafael; Sacristan, Aurelio; and Ortiz, Jose A., to Ferrer Internacional, S.A. Process for producing 1-position aminoderivatives of 1-(3',4'-methylenedioxyphenyl)propane-2-ol. 4,535,159, 8-13-85, Cl. 544-148.000.
- Forneris, Alexandre, to Hutchinson S.A. Tire mounting device utilizing a locking sleeve. 4,558,728, 12-17-85, Cl. 152-400.000.
- Fornerod, Andre: *See—*
  - Aubert, Jean-Daniel; and Fornerod, Andre, 4,550,586, Cl. 72-389.000.
- Fornes, Gaston G. Nut kernel extractor. 4,550,495, 11-5-85, Cl. 30-120.300.
- Forney, Edgar W., Jr.; and Hogendobler, Richard S., to AMP Incorporated. Coaxial connector for microwave packages. 4,502,749, 3-5-85, Cl. 339-177.00R.
- Forney, Edgar W., Jr., to AMP Incorporated. Connector for semirigid coaxial cable. 4,540,231, 9-10-85, Cl. 339-94.00C.
- Forney, Edgar W., Jr.; and Hogendobler, Richard S., to AMP Incorporated. Coaxial electrical connector for multiple outer conductor coaxial cable. 4,553,806, 11-19-85, Cl. 339-94.00C.
- Forney Engineering Company: *See—*
  - Paredes, Candelario; and Stevens, William D., 4,520,390, Cl. 358-108.000.
- Forney, George D., Jr., to Codex Corporation. Symbol coding apparatus. 4,562,426, 12-31-85, Cl. 340-347.0DD.
- Forney, George D., Jr.: *See—*
  - Lang, Gordon R.; Forney, George D., Jr.; Qureshi, Shahid; Longstaff, Fred M.; and Lee, Chi H., 4,538,284, Cl. 375-39.000.
- Foroulis, Z. Andrew, to Exxon Research & Engineering Co. Antimony-molybdenum salt corrosion inhibitor composition. 4,499,003, 2-12-85, Cl. 252-192.000.
- Foroulis, Z. Andrew: *See—*
  - Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,548,995, Cl. 525-354.000.
  - Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,554,326, Cl. 525-354.000.
- Forquer, Timothy J.; and Li, Hungwen, to RCA Corporation. Multiprocessor-memory data transfer network. 4,491,915, 1-1-85, Cl. 364-200.000.
- Forquer, William F., to Security Shutter Corp. Locking means for gear drive. 4,503,899, 3-12-85, Cl. 160-133.000.
- Forquer, William F., to Security Shutter Corp. Winding mechanism for rollable shutter curtain. 4,519,434, 5-28-85, Cl. 160-133.000.
- Forquer, William F., to Security Shutter Corp. Locking gear drive. 4,549,444, 10-29-85, Cl. 74-411.500.
- Forre, Alf M. Device for replacing front suspension components in a vehicle. 4,490,897, 1-1-85, Cl. 29-252.000.
- Forrer, Robert E.; and Postier, Robert A., to Gerber Garment Technology, Inc. Method of cutting and labeling sheet material. 4,514,246, 4-30-85, Cl. 156-264.000.
- Forrest, Albert W., Jr., to Du Pont de Nemours, E. I., and Company. Method and apparatus for the electrostatic pinning of polymeric webs. 4,534,918, 8-13-85, Cl. 264-22.000.
- Forrest, Garland F., Jr.: *See—*
  - Kirkham, Robert L.; and Forrest, Garland F., Jr., 4,518,194, Cl. 296-100.000.
- Forrest, Robert S.; Brouwer, Floyd; and Applegate, Mer'in J., to Forrest, Robert S. Apparatus and method for boresighting a firearm. 4,530,162, 7-23-85, Cl. 33-228.000.
- Forrest, Stephen R.; and Panock, Richard L., to AT&T Bell Laboratories. Bidirectional fiber optic transmission systems and photodiodes for use in such systems. 4,493,113, 1-8-85, Cl. 455-606.000.
- Forrest, Stephen R.; Kaplan, Martin L.; Schmidt, Paul H.; and Venkatesan, Thirumalai N. C., to AT&T Bell Laboratories. Process of enhancing conductivity of material. 4,511,445, 4-16-85, Cl. 204-158.0HE.
- Forrest, William E., to Charles I. Brown, a part interest. Friction-type descent control device. 4,508,193, 4-2-85, Cl. 182-5.000.
- Forrest, William E., to Advanced Evacuation Systems. Multiple-person evacuation method and apparatus. 4,538,704, 9-3-85, Cl. 182-10.000.
- Forrest, William E., to Advanced Evacuation Systems. Personal high rise evacuation apparatus. 4,550,801, 11-5-85, Cl. 182-7.000.
- Forrest, William J. Animal holding chute. 4,531,478, 7-30-85, Cl. 119-98.000.
- Forrest, William J. Sorting gate assembly. 4,552,096, 11-12-85, Cl. 119-155.000.
- Forrester, Harry L.: *See—*
  - Johanson, Leonard T.; and Forrester, Harry L., 4,535,808, Cl. 137-543.000.
- Forrester, Jerry. Tamper-evident cap assembly for a container. 4,500,005, 2-19-85, Cl. 215-203.000.
- Forry, John S.; and Garrick, John R., to Armstrong World Industries, Inc. Material repulsion by electrostatic charge. 4,562,510, 12-31-85, Cl. 361-212.000.
- Fors, Jan: *See—*
  - Selin, Johan-Fredrik; Huttunen, Jouko; Turunen, Olli; Fors, Jan; Eklund, Vidar; and Ekman, Kurt, 4,530,999, Cl. 536-30.000.
- Fors, Lars B. S.: *See—*
  - Verner, Bo L.; and Fors, Lars B. S., 4,549,997, Cl. 261-77.000.
- Forsberg, Bjorn, to Alfa-Laval Separation A/S. Decanter centrifuge. 4,504,262, 3-12-85, Cl. 494-53.000.
- Forsberg, Gunnar; and Ingre, Lars, to Telefonaktiebolaget LM Ericsson. Method and an arrangement for increasing the dynamic range at the input stage of a receiver in an optical fibre information transmission system. 4,521,920, 6-4-85, Cl. 455-619.000.
- Forsberg, Lennart G. Device used in connection with containers for bulk material. 4,511,066, 4-16-85, Cl. 222-189.000.
- Forsberg, Soren: *See—*
  - Nordin, Olof; and Forsberg, Soren, 4,522,669, Cl. 156-157.000.
- Forsberg, Svante: *See—*
  - Collin, Thorbjorn; Erikmats, Borje; Forsberg, Svante; Goransson, Harry; Sander, Lars; and Solver, Carl E., 4,532,499, Cl. 340-644.000.
- Forschungsgesellschaft Druckmaschinen e.V.: *See—*
  - Wiesner, Reiner, 4,505,154, Cl. 73-150.00R.
- Forschungsgesellschaft fur Biomedizinische Technik e.V.: *See—*
  - Trispel, Stephan; and Rau, Gunter, 4,550,990, Cl. 351-243.000.
- Forsell, Glenn W. Method and apparatus for trimming lead wires projecting from printed circuit boards. 4,515,048, 5-7-85, Cl. 83-13.000.
- Forsell, Kenneth A., to Eaton Corporation. Current limiting contact arrangement. 4,511,774, 4-16-85, Cl. 200-147.00R.

Forsell, Kenneth A., and Mallonen, Edward A., to Eaton Corporation. Constant load snap switch with manual or automatic reset, stop and test selection. 4,520,244, 5-28-85, Cl. 200-67.0DA.

Forsell, Kenneth A., to Eaton Corporation. Circuit breaker having increased contact opening velocity at trip operation. 4,521,756, 6-4-85, Cl. 335-21.000.

Forsell, Kenneth A.; and Mallonen, Edward A., to Eaton Corporation. Reduced-size thermal overload relay. 4,528,539, 7-9-85, Cl. 337-49.000.

Forsell, Kenneth A., and Theisen, Peter J., to Eaton Corporation. Residential circuit breaker with slot motor. 4,549,153, 10-22-85, Cl. 335-16.000.

Forsgren, Roland; Garpendahl, Gunnar; Eriksson, Hans; and Wallentin, Bengt, to KB WIBRA. Method and apparatus for monitoring the tool status in a tool machine with cyclic machining. 4,558,311, 12-10-85, Cl. 340-680.000.

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Nordin, Olof; and Forsberg, Soren, 4,522,669, Cl. 156-157.000.

Rautenberg, Karl, 4,519,567, Cl. 249-57.000.

Forshee, David J., to Formall Syn-Trac Systems, Inc. Stacking cube construction. 4,491,076, 1-1-85, Cl. 108-53.100.

Forshey, Terry L.: See—

Isenberg, Gerry E.; Forshey, Terry L.; and Keller, Robert D., Jr., 4,515,353, Cl. 266-236.000.

Forslund, Hans. Signboard rack. 4,559,733, 12-24-85, Cl. 40-606.000.

Forslund, Lennart; and Nilsson, Orjan, to Svenska Rotor Maskiner Aktiebolag. Ejector pump with ringshaped nozzle. 4,523,894, 6-18-85, Cl. 417-161.000.

Forslund, Torsten E., to Osa AB. Method and an apparatus for cross-cutting tree stems to pre-determined lengths. 4,549,588, 10-29-85, Cl. 144-356.000.

Forsman, Donald. Gold extracting process and apparatus. 4,494,986, 1-22-85, Cl. 75-109.000.

Forssmann, Bernd; Wess, Othmar; Zech, Hendrik; and Chaussy, Christian, to Dornier System GmbH. Apparatus for comminuting concretions in bodies of living beings. 4,530,358, 7-23-85, Cl. 128-328.000.

Forssmann, Bernd; Hepp, Wolfgang; Hoff, Guenter; and Chaussy, Christian, to Dornier System GmbH. Injury-free coupling and decoupling of therapeutic shock waves. 4,539,989, 9-10-85, Cl. 128-328.000.

Forssmann, Bernd; Gerth, Hans-Heinrich; Zech, Hendrik; and Chaussy, Christian, to Dornier System GmbH. Couch for patients. 4,552,348, 11-12-85, Cl. 269-324.000.

Forsstrom, Bo; Luniewski, Tomas; and Wikefelt, Per, to LKB-Produkter AB. Device in a microtome for relative movement between the knife and specimen holder. 4,492,139, 1-8-85, Cl. 83-727.000.

Forsten, Herman H., to Du Pont de Nemours, E. I., and Company. Light weight filter felt. 4,536,439, 8-20-85, Cl. 428-280.000.

Forster, Alfred; Geyer, Willi; and Kober, Leo, to Daimler-Benz Aktiengesellschaft. Motor vehicle with integrally formed hydraulic and/or air lines. 4,518,196, 5-21-85, Cl. 296-204.000.

Forster, Alfred, to Siemens Aktiengesellschaft. Piezoelectric ultrasonic converter with polyurethane foam damper. 4,536,673, 8-20-85, Cl. 310-327.000.

Forster, Denis, and Schaefer, George F., to Monsanto Company. Preparation of pentyl nonanols. 4,518,809, 5-21-85, Cl. 568-840.000.

Forster, Franz, to Linde Aktiengesellschaft. Dual machine aggregates with a connection for a consumer of mechanical energy. 4,534,271, 8-13-85, Cl. 91-472.000.

Forster, Hans-Joachim; Lubbing, Bernd-Eric; and Letsche, Ulrich, to Daimler-Benz Aktiengesellschaft. Process and apparatus for intermittent control of a cyclically operating internal combustion engine. 4,509,488, 4-9-85, Cl. 123-481.000.

Forster, Harry: See—

Neumann, Manfred; Morgner, Henry; Forster, Harry; Jasch, Gunter; Kunack, Wilfried; Godenschweg, Martin; and Unganz, Peter, 4,532,888, Cl. 118-718.000.

Forster, Heinz; Eue, Ludwig; and Schmidt, Robert R., to Bayer Aktiengesellschaft. Phenoxycarboxylic acid amide compounds and herbicidal compositions. 4,500,341, 2-19-85, Cl. 71-92.000.

Forster, Heinz; Hofer, Wolfgang; Mues, Volker; Eue, Ludwig; and Schmidt, Robert R., to Bayer Aktiengesellschaft. Benzothiazole substituted carboxylic acid amide compounds and herbicidal methods compositions thereof. 4,509,971, 4-9-85, Cl. 71-90.000.

Forster, Heinz; Klauke, Erich; Priesnitz, Uwe; Riebel, Hans-Jochem; Eue, Ludwig; and Schmidt, Robert R., to Bayer Aktiengesellschaft. Certain trimethyl silyl-lower-alkyl esters of pyridyloxy-phenoxy-lower alkanoic acids, compositions containing same and herbicidal method of use. 4,518,416, 5-21-85, Cl. 71-94.000.

Forster, Heinz; Diehr, Hans-Joachim; Stetter, Jorg; Eue, Ludwig; and Schmidt, Robert R., to Bayer Aktiengesellschaft. Herbicidally active novel substituted 3-trichloromethyl-1,2,4-thiadiazol-5-yl-oxyacetamides. 4,540,430, 9-10-85, Cl. 71-90.000.

Forster, Heinz; Eue, Ludwig; and Schmidt, Robert, to Bayer Aktiengesellschaft. Phenoxybenzene derivatives. 4,540,827, 9-10-85, Cl. 568-442.000.

Forster, Heinz; Klauke, Erich; Eue, Ludwig; Schmidt, Robert R., and Lurssen, Klaus, to Bayer Aktiengesellschaft. Hercidally active novel substituted 3-trihalogenomethyl-1,2,4-thiadiazol-5-yl-oxyacetamides. 4,549,899, 10-29-85, Cl. 71-90.000.

Forster, Helmut; Siebold, Horst; and Heinzelmann, Karl-Georg, to Siemens Aktiengesellschaft. Apparatus for adjustably mounting coils of a magnet system for nuclear spin tomography. 4,560,933, 12-24-85, Cl. 324-319.000.

Forster, Hilmar; and Wonka, Heinz-Georg, to Scharfenbergkupplung GmbH. Mechanical central buffer coupling. 4,497,414, 2-5-85, Cl. 213-76.000.

Forster, Karl-Heinz; Schuck, Helmut; Johne, Hans; and Jentzsch, Arndt, to VEB Kombinat Polygraph "Werner Lamberz" Leipzig. Control system for ink zone adjusters. 4,510,867, 4-16-85, Cl. 101-365.000.

Forster, Karl-Heinz: See—

Johne, Hans; Jentzsch, Arndt; Dollner, Herbert; Frenzel, Werner; Forster, Karl-Heinz; and Naumann, Johannes, 4,539,907, Cl. 101-248.000.

Forster, Martin. Device for supplying farm animals with a liquid feed. 4,550,685, 11-5-85, Cl. 119-71.000.

Forster, Rolf, to Bernhard Forster GmbH. Orthodontic device. 4,545,760, 10-8-85, Cl. 433-18.000.

Forster, Siegfried; Schindler, Stefan R.; and Keller, Hartmut, to Kernforschungsanlage Julich GmbH; and Rosenthal Technik AG. Ceramic burner head. 4,531,908, 7-30-85, Cl. 431-215.000.

Forster-Willi Corporation: See—

Ochsner, Arnold, deceased, 4,535,617, Cl. 72-307.000.

Forsterling, Robert B., to General Motors Corporation. Life extension of catalyst predip baths. 4,532,887, 8-6-85, Cl. 118-429.000.

Forsthuber, Peter; Visek, Tomas; and Dolenc, Anton, to Steyr-Daimler-Puch Aktiengesellschaft. Longitudinal housing wall of an internal combustion engine. 4,548,170, 10-22-85, Cl. 123-195.00A.

Forsting, Bernd; Zander, Joachim; and Gustav, Jeske, to Ford Motor Company. Heating and ventilation system for vehicles. 4,533,081, 8-6-85, Cl. 237-12.30B.

Forsting, Bernhard: See—

Tannenlaufer, Gerd; Frank, Julius; and Forsting, Bernhard, 4,541,611, Cl. 251-228.000.

Forstrom, William J.: See—

Carl, Charles L.; Gale, Ronald S.; and Forstrom, William J., 4,545,781, Cl. 493-220.000.

Forsvarets Forskningsanstalt: See—

Sanden, Roland, 4,493,916, Cl. 524-217.000.

Forsyth, John L.: See—

Sanders, Royden C., Jr., and Forsyth, John L., 4,515,488, Cl. 400-124.000.

Sanders, Royden C., Jr., and Forsyth, John L., 4,531,848, Cl. 400-124.000.

Sanders, Royden C., Jr., and Forsyth, John L., 4,552,064, Cl. 101-93.050.

Forsyth, Ronald J., to GenCorp Inc. Insulated bead for a radial steel ply tire. 4,561,919, 12-31-85, Cl. 156-136.000.

Forsythe, Alan K.: See—

Green, Charles J., and Forsythe, Alan K., 4,524,951, Cl. 251-327.000.

Forsythe, Curtis J., to Top-Scor Products, Inc. Stearoyl lactylate salt composition having improved physical properties and method of production. 4,544,569, 10-1-85, Cl. 426-653.000.

Forsythe, James A.: See—

Mason, Edgar G.; Clark, Harold; and Forsythe, James A., 4,559,902, Cl. 119-2.000.

Forsythe, Jeffry A.: See—

Borcenk, Frank; Forsythe, Jeffry A., and Roe, Frank L., 4,530,611, Cl. 400-175.000.

Forsythe, Jesse G., Jr., and Stafford, Sally S., to Du Pont de Nemours, E. I., and Company. *Container for a layered chemical analysis system.* 4,549,655, 10-29-85, Cl. 206-569.000.

Forsythe, Marjorie A. Adjustable rest for the feet of the human body with optional exercise feature. 4,561,649, 12-31-85, Cl. 272-96.000.

Fort, Edward S. Lids for pressure vessels. 4,498,601, 2-12-85, Cl. 220-256.000.

Fort, Gilbert: See—

Vigouroux, Georges; Fort, Gilbert; and Soleille, Louis, 4,553,600, Cl. 166-343.000.

Fort, Jacques, to Sapivog. Gripper for textile cloth or the like. 4,526,363, 7-2-85, Cl. 271-268.000.

Fort, John W., Jr.: See—

MacInnes, Hugh; Meyer, Jon A.; Johnston, Andrew E.; and Fort, John W., Jr., 4,504,187, Cl. 415-1.000.

Fort, Pierre; and Pierrel, Michel, to Pont-a-Mousson S.A. Socket core handling and positioning device for a centrifugal pipe casting machine. 4,541,477, 9-17-85, Cl. 164-302.000.

Fort Wayne Truck Parts & Equipment, Inc.: See—

Eggeman, Vincent A.; Bubb, Jerome D.; Siegel, Harvey R.; and Wichman, Francis H., 4,527,684, Cl. 192-130.000.

Forte, Don A., and Thompson, Michael L., to Manville Service Corporation. Testing device for electrically analyzing a high pressure sodium lighting fixture and lamp. 4,496,905, 1-29-85, Cl. 324-414.000.

Forte, Paulino, to Union Carbide Corporation. Separation of aromatic and nonaromatic components in mixed hydrocarbon feeds. 4,498,980, 2-12-85, Cl. 208-321.000.

Forte Technology, Inc.: See—

Benson, Warren E.; and Breen, Stanley, 4,555,661, Cl. 324-61.00R.

Forte, Thomas E., and Parr, Ted K. Extractor for intramedullary fasteners. 4,531,517, 7-30-85, Cl. 128-92.0EC.

Fortenberry, Durrel W. Round hay transporter. 4,527,935, 7-9-85, Cl. 414-24.500.

Fortgens, Walter, to AB Volvo. Jack. 4,493,478, 1-15-85, Cl. 254-126.000.

Fortier, Jean-Pierre: See—

Fortier, Yvon; and Fortier, Jean-Pierre, 4,504,249, Cl. 474-33.000.

Fortier, Yvon; and Fortier, Jean-Pierre. H-key adjustable pulley. 4,504,249, 3-12-85, Cl. 474-33.000.

Fortino, Dennis J.: See—

Miller, John E., and Fortino, Dennis J., 4,516,785, Cl. 277-188.00A.

Fortino, Placido S.; Haas, Laird K. S.; Hong, Siu-Ping; Lo, Wing C.; and Neupauer, Edward J., to AT&T Bell Laboratories. Balanced dual-gap protector. 4,558,390, 12-10-85, Cl. 361-119.000.
Fortman, Lloyd D.; and Kinter, Mark D., to Tennant-Company. Sweeper with precleaner and/or demister. 4,557,739, 12-10-85, Cl. 55-320.000.
Fortnagel, Manfred, to Daimler-Benz Aktiengesellschaft. Injection internal combustion engine with supercharging by an exhaust gas turbocharger. 4,531,493, 7-30-85, Cl. 123-383.000.
Fortner, Walter: *See—*
  Hoyer, Otto; Antensteiner, Norbert; and Fortner, Walter, 4,506,425, Cl. 29-402.180.
Fortsch, William A., to Thomas & Betts Corporation. Clamp for mounting cable on channel support. 4,542,871, 9-24-85, Cl. 248-73.000.
Fortuin, Harm: *See—*
  Meulenbrugge, Hendrik J.; and Fortuin, Harm, 4,517,460, Cl. 250-252.100.
Fortuna, Jon A.: *See—*
  Dowling, Edward C.; and Fortuna, Jon A., 4,508,399, Cl. 339-17.0CF.
Fortuna, Vincent; and MacLaughlin, Donald, to Cosden Technology, Inc. Thermoplastic container end and method and apparatus for inertial spinwelding of thermoplastic container ends. 4,534,751, 8-13-85, Cl. 493-108.000.
Fortuna, Vincent E.; and MacLaughlin, Donald N., to Cosden Technology, Inc. Inertial spin welding of thermoplastic and thermoplastic coated container parts. 4,552,612, 11-12-85, Cl. 156-494.000.
Fortuna, Vincent E.: *See—*
  MacLaughlin, Donald N.; and Fortuna, Vincent E., 4,514,242, Cl. 156-73.500.
  MacLaughlin, Donald N.; and Fortuna, Vincent E., 4,515,651, Cl. 156-423.000.
  Peterson, Bertel R.; and Fortuna, Vincent E., 4,560,064, Cl. 206-159.000.
Fortunato, Alfred R.; Millard, Maurice; and Trzeciak, John R., to Singer Company, The. Simplified hardware component inter-connection system for generating a visual representation of an illuminated area in a flight simulator. 4,511,337, 4-16-85, Cl. 434-43.000.
Fortunato, James M.: *See—*
  Glamkowski, Edward J.; and Fortunato, James M., 4,532,333, Cl. 548-490.000.
Fortune, David J.: *See—*
  Beasant, Andrew J.; Orwin, Olaf J. B.; and Fortune, David J., 4,541,512, Cl. 192-56.00R.
Fortune, Douglas N.; and Ireland, Barry R., to Soil Mate Equipment Ltd. Stone guard door for harvesters. 4,538,625, 9-3-85, Cl. 130-27.0JT.
Fortune, Neil: *See—*
  Latimer, John; and Fortune, Neil, 4,538,510, Cl. 99-459.000.
Fortune, William S. Tip assembly having replaceable tip. 4,497,427, 2-5-85, Cl. 228-20.000.
Fortune, William S.; and Murray, Wayne A. Control circuit responsive to a component's varying resistance. 4,507,546, 3-26-85, Cl. 219-497.000.
Fortune, William S. Vacuum booster and filter. 4,532,670, 8-6-85, Cl. 15-314.000.
Forward, Cleve H.: *See—*
  Watson, James M.; Butler, James R.; and Forward, Cleve H., 4,520,220, Cl. 585-467.000.
Fory, Werner; Martin, Henry; and Pissiotas, Georg, to Ciba-Geigy Corporation. Oxime derivatives for protecting plant crops. 4,505,742, 3-19-85, Cl. 71-93.000.
Fory, Werner; Gass, Karl; Meyer, Willy; and Schurter, Rolf, to Ciba-Geigy Corporation. N-phenylsulfonyl-N'-pyrimidinylureas. 4,523,944, 6-18-85, Cl. 71-92.000.
Fory, Werner; Martin, Henry; and Pissiotas, Georg, to Ciba-Geigy Corporation. Oxime derivatives for protecting plant crops. 4,554,016, 11-19-85, Cl. 71-105.000.
Fory, Werner, to Ciba-Geigy Corporation. Process for the preparation of 1,2-benzoxathiines. 4,560,771, 12-24-85, Cl. 549-15.000.
Fory, Werner: *See—*
  Bohner, Beat; Fory, Werner; Gass, Karl; and Meyer, Willy, 4,549,898, Cl. 71-90.000.
  Burdeska, Kurt; Kabas, Guglielmo, deceased; Brunner, Hans-Georg; and Fory, Werner, 4,493,726, Cl. 71-87.000.
  Meyer, Willy; and Fory, Werner, 4,514,212, Cl. 71-93.000.
  Meyer, Willy; Fory, Werner; and Topfl, Werner, 4,518,776, Cl. 544-206.000.
  Meyer, Willy; and Fory, Werner, 4,537,619, Cl. 71-93.000.
  Meyer, Willy; and Fory, Werner, 4,545,811, Cl. 71-93.000.
  Meyer, Willy; and Fory, Werner, 4,561,878, Cl. 71-92.000.
  Schurter, Rolf; Fory, Werner; and Meyer, Willy, 4,537,618, Cl. 71-92.000.
  Thummel, Rudolph C.; and Fory, Werner, 4,555,262, Cl. 71-92.000.
Fosco, Guido; and Schmutz, Karl, to Siemens-Albis AG. Oscillating device with capacitive displacement pickup. 4,507,623, 3-26-85, Cl. 331-154.000.
Foseco International Limited: *See—*
  Barker, Sidney A.; Baggett, Neil; Stevenson, John; and deCourcy, David R., 4,504,314, Cl. 106-38.350.
  Courtenay, John H.; and Phillips, Royston J., 4,561,912, Cl. 148-23.000.
  Fontaine, Paul I.; Jones, Evan T. R.; and Batham, John K., 4,561,894, Cl. 75-257.000.
Foseco Trading A.G.: *See—*
  Baas, Willem; Hof, Tette; Comes, Heinrich; Jaunich, Helmut; and Krampe, Hubert, 4,524,954, Cl. 266-45.000.
Foshee, William R., to Best Lock Corporation. Cabinet lock. 4,531,389, 7-30-85, Cl. 70-372.000.
Foshee, William R.: *See—*
  Best, Walter E.; and Foshee, William R., 4,496,178, Cl. 292-169.130.
  Best, Walter E.; and Foshee, William R., 4,531,390, Cl. 70-372.000.
  Best, Walter E.; and Foshee, William R., 4,550,581, Cl. 70-422.000.
Foslien, Floyd L., to Minnesota Mining and Manufacturing Company. Stapler including ratchet means for preventing double feeding of staples. 4,519,532, 5-28-85, Cl. 227-8.000.
Foslien, Floyd L., to Minnesota Mining and Manufacturing Company. Stapler with retractable anvil. 4,527,725, 7-9-85, Cl. 227-19.000.
Foss, George D.: *See—*
  Burguette, Mario D.; and Foss, George D., 4,526,833, Cl. 428-326.000.
Foss, Janet M. P.; Foss, John; Brooks, Christopher G.; and Ridgely, Myron H., to Foss, Janet Mary Penrose. Portable, foldable and convertible luggage trolley. 4,505,495, 3-19-85, Cl. 280-651.000.
Foss, Janet Mary Penrose: *See—*
  Foss, Janet M. P.; Foss, John; Brooks, Christopher G.; and Ridgely, Myron H., 4,505,495, Cl. 280-651.000.
Foss, John: *See—*
  Foss, Janet M. P.; Foss, John; Brooks, Christopher G.; and Ridgely, Myron H., 4,505,495, Cl. 280-651.000.
Foss, Stephen D.; and Colantuoni, Giovanni, to General Electric Company. Vaporization-cooled transformer havig provisions for replenishment of molecular sieve material. 4,543,446, 9-24-85, Cl. 174-11.00R.
Foss, Warren M.: *See—*
  Pall, David B.; Degen, Peter J.; Joffee, Irving B.; Foss, Warren M.; and Gsell, Thomas C., 4,523,995, Cl. 210-504.000.
Fossa, Guiseppe. Device for retrieval of golf balls. 4,507,881, 4-2-85, Cl. 36-132.000.
Fossati, Norberto: *See—*
  Raspanti, Guiseppe; Fossati, Norberto; and Ferrari, Attilio, 4,530,950, Cl. 524-100.000.
Fossett, Lawrence D.; and Michael, Steven C., to AT&T Information Systems Inc. Method and apparatus for establishing telephone calling costs. 4,538,030, 8-27-85, Cl. 179-7.1TP.
Fossett, Lawrence D.: *See—*
  Costello, Peter E.; Fossett, Lawrence D.; Lane, Michael S.; Quin, Terrence T.; and Smith, Nicholas K., 4,510,351, Cl. 179-27.00D.
Fossi, Mario: *See—*
  Manservisi, Renato; and Fossi, Mario, 4,513,908, Cl. 229-87.00C.
Fosslien, Egil, to Cortex Research Corporation. Automatic feed system for sampling apparatus. 4,527,438, 7-9-85, Cl. 73-864.810.
Foster & Allen, Inc.: *See—*
  DeLorenzi, Benjamin; and Comerford, Robert B., 4,561,923, Cl. 156-350.000.
Foster, Alun E.: *See—*
  Cumberton, John; Foster, Alun E.; Rae, Alexander S.; Fernandes, Vernon J.; and Carter, Michael R., 4,493,082, Cl. 371-43.000.
Foster, Arthur M., to Occidental Chemical Corporation. Process for preparing methoxytrifluoromethylnaphthoic acid from methylnaphthoic acid. 4,560,794, 12-24-85, Cl. 562-467.000.
Foster, Arthur M., to Occidental Chemical Corporation. Process for preparing methoxytrifluoromethylnaphthoic acid from dimethylnaphthalene. 4,562,286, 12-31-85, Cl. 562-467.000.
Foster, Arthur M.: *See—*
  Fifolt, Michael J.; and Foster, Arthur M., 4,521,616, Cl. 562-456.000.
Foster, Basil B., to International Standard Electric Corporation. Clock extraction circuit for a PCM signal. 4,531,222, 7-23-85, Cl. 375-106.000.
Foster, Billy R. Unitary endotracheal tube holder. 4,537,192, 8-27-85, Cl. 128-207.170.
Foster, Candace: *See—*
  Weigle, Robert M.; Duggan, Sharon; Foster, Candace; Miner, Jonathan; Vantucci, John; and Woozley, Mark, 4,502,475, Cl. 128-92.0EB.
Foster, Clark B., to Boeing Company, The. Method for applying turbulators to wind tunnel models. 4,537,647, 8-27-85, Cl. 156-245.000.
Foster, Daniel S., to Foster Marine Products, Inc. Boat propulsion. 4,553,945, 11-19-85, Cl. 440-51.000.
Foster, Dean H.; and Silverman, Harold, to Pitney Bowes Inc. Inserter feeder assemblies. 4,501,417, 2-26-85, Cl. 271-124.000.
Foster, Dean H.; Mersereau, Robert E.; and Silverman, Harold, to Pitney Bowes Inc. Inserter gauging system. 4,548,400, 10-22-85, Cl. 271-226.000.
Foster, Dean J. Balanced suspension knee brace. 4,506,661, 3-26-85, Cl. 128-80.00C.
Foster, Derrick W.; and Herring, Robert B., to Anicon, Inc. Chemical vapor deposition wafer boat. 4,548,159, 10-22-85, Cl. 118-728.000.
Foster, Donald D., to Realex Corporation. Down-locking dispensing pump with guided check valve hold-down structure. 4,512,501, 4-23-85, Cl. 222-153.000.
Foster, Donald D.: *See—*
  Ford, John M. B.; and Foster, Donald D., 4,496,085, Cl. 222-321.000.
  Ford, John M. B.; and Foster, Donald D., 4,538,748, Cl. 222-321.000.
Foster, Donald L.: *See—*
  Kuo, Han C.; Foster, Donald L.; Schlaikjer, Carl R.; Gopikanth, Mysore L.; and Dey, Arabinda N., 4,513,067, Cl. 429-101.000.

- Foster, Edward P.: See—
  - Bronfenbrenner, James C.; Foster, Edward P.; and Tewari, Krishna, 4,555,248, Cl. 44-78.000.
  - Tewari, Krishna C.; and Foster, Edward P., 4,547,201, Cl. 44-51.000.
- Foster, Frederick S.: See—
  - Loos, Jerold C.; Wakefield, James R.; and Foster, Frederick S., 4,552,349, Cl. 270-54.000.
- Foster, George N.; and Metzler, Richard B., to Union Carbide Corporation. Olefin polymer compositions containing silicone additives and the use thereof in the production of film material. 4,535,113, 8-13-85, Cl. 524-262.000.
- Foster, George N.: See—
  - Corwin, Michael A.; and Foster, George N., 4,540,538, Cl. 264-211.000.
- Foster Grant Corporation: See—
  - Phillips, Richard A.; and Haddad, Theodore A., 4,492,733, Cl. 428-412.000.
  - Phillips, Richard A.; and Haddad, Theodore A., 4,503,126, Cl. 428-412.000.
  - Weis, Robert, 4,521,214, Cl. 8-506.000.
- Foster, Gregory J., to International Business Machines Corporation. Electronic document distribution network with uniform data stream. 4,532,588, 7-30-85, Cl. 364-200.000.
- Foster, James E., to Universal Instruments Corporation. Method and apparatus for straightening and aligning leads and testing electrical functioning of components. 4,510,686, 4-16-85, Cl. 29-838.000.
- Foster, James I.: See—
  - Gassaway, Gary S.; Richgels, Henry J.; and Foster, James I., 4,528,649, Cl. 367-36.000.
- Foster, James O., to JFEC Corporation & Associates. Heating and cooling system monitoring apparatus. 4,555,057, 11-26-85, Cl. 236-94.000.
- Foster, John E., to Coulter Electronics, Inc. Automatic control system including error processing loop. 4,495,405, 1-22-85, Cl. 219-510.000.
- Foster, John E. Blade opening scabbard for folding knife. 4,525,928, 7-2-85, Cl. 30-158.000.
- Foster, John S., to United States of America, Navy. Annular shaped charge for breaching masonary walls. 4,493,260, 1-15-85, Cl. 102-307.000.
- Foster, Joseph S., to Pro-Staff Fuels Ltd. Dual fuel engine. 4,527,516, 7-9-85, Cl. 123-27.0GE.
- Foster, Kenneth D. Compression link adaptor assembly. 4,552,379, 11-12-85, Cl. 280-661.000.
- Foster, Kenneth W. S., to Renold Plc. Selectively operative multi-displacement pump or motor. 4,532,854, 8-6-85, Cl. 91-472.000.
- Foster, L. Dale, to Hill-Rom Company, Inc. Hospital bed with a weight-distributing lever system. 4,559,656, 12-24-85, Cl. 5-236.00R.
- Foster, Leslie W. Pump. 4,533,301, 8-6-85, Cl. 417-437.000.
- Foster Manufacturing Company: See—
  - Cruse, Lee H., 4,494,728, Cl. 251-149.900.
- Foster Marine Products, Inc.: See—
  - Foster, Daniel S., 4,553,945, Cl. 440-51.000.
- Foster, Mark A.: See—
  - Black, Joseph; Foster, Mark A.; and Luard, Nicholas G., 4,541,134, Cl. 5-118.000.
- Foster, Michael R.: See—
  - Marchent, Brian G.; and Foster, Michael R., 4,539,760, Cl. 33-356.000.
  - Marchent, Brian G.; and Foster, Michael R., 4,546,550, Cl. 33-356.000.
- Foster-Miller Associates, Inc.: See—
  - Guzdar, Adi R., 4,533,289, Cl. 414-217.000.
- Foster, R. Keith. Reciprocating floor conveyor apparatus and method. 4,508,211, 4-2-85, Cl. 198-750.000.
- Foster, Randy C., to Dayco Corporation. Belt tensioner. 4,500,304, 2-19-85, Cl. 474-138.000.
- Foster, Randy C., to Dayco Corporation. Belt tensioner and method of making the same. 4,504,254, 3-12-85, Cl. 474-133.000.
- Foster, Randy C.; Hackard, Roger G.; and Wilson, Leslie B., to Dayco Corporation. Belt tensioner and method of making the same. 4,509,935, 4-9-85, Cl. 474-138.000.
- Foster, Randy C.: See—
  - Quick, Terrence R.; Miranti, Joseph P., Jr.; and Foster, Randy C., 4,496,335, Cl. 474-15.000.
- Foster, Raymond K. Drive/guide system for a reciprocating floor conveyor. 4,492,303, 1-8-85, Cl. 198-750.000.
- Foster, Richard L., to C & I Joint Venture. Water skiing tow system. 4,523,525, 6-18-85, Cl. 104-173.0ST.
- Foster, Ronald B.: See—
  - Joyner, Keith A.; and Foster, Ronald B., 4,507,851, Cl. 29-590.000.
- Foster, Ronald H., to Norchem, Inc. formerly Northern Petrochemical Company. Biaxially oriented oxygen and moisture barrier film. 4,561,920, 12-31-85, Cl. 156-244.110.
- Foster, Ronald L. Tobacco harvester. 4,510,740, 4-16-85, Cl. 56-27.500.
- Foster, Stephen I.: See—
  - Henslee, Walter W.; and Foster, Stephen I., 4,514,518, Cl. 502-229.000.
- Foster, Stephen R.; and Austin, Peter W., to Baker CAC, Inc. Actuator having Belleville washer configuration operating in concert with a piston cylinder member. 4,523,516, 6-18-85, Cl. 92-130.00B.
- Foster, Terry L. Assemblage formed of a mass of interlocking structural elements. 4,550,539, 11-5-85, Cl. 52-236.100.
- Foster, Terry L.: See—
  - Proctor, David R.; and Foster, Terry L., 4,498,782, Cl. 356-436.000.
- Foster, Thomas C.; Goldman, Jon C.; and Hoeye, Gary W., to Thermco Systems, Inc. Process for deposition of borophosphosilicate glass. 4,557,950, 12-10-85, Cl. 427-255.000.
- Foster, Thomas V., to Emhart Industries, Inc. Mould cooling arrangement for a glassware forming machine. 4,502,879, 3-5-85, Cl. 65-267.000.
- Foster, Thomas V., to Emhart Industries, Inc. Method of cooling a mould. 4,505,730, 3-19-85, Cl. 65-162.000.
- Foster, Thomas V., to Emhart Industries, Inc. Take-out mechanism for a glassware forming machine. 4,525,195, 6-25-85, Cl. 65-260.000.
- Foster, Thomas V., to Emhart Industries, Inc. Mould arrangement for a cyclicly operating glassware forming machine. 4,561,875, 12-31-85, Cl. 65-267.000.
- Foster, Wayne G.: See—
  - Thompson, Kenneth J.; Rosenquist, Joel C.; and Foster, Wayne G., 4,550,670, Cl. 112-121.110.
- Foster Wheeler Energy Corporation: See—
  - Banquy, David, 4,524,056, Cl. 423-359.000.
  - Banquy, David L., 4,546,111, Cl. 518-703.000.
  - Bonner, Stanley V., 4,543,022, Cl. 409-298.000.
  - Diggins, Joseph P., 4,491,237, Cl. 220-288.000.
  - Diggins, Joseph P., 4,498,339, Cl. 73-432.00R.
  - Diggins, Joseph P., 4,504,018, Cl. 241-53.000.
  - Eisinger, Frantisek L., 4,546,631, Cl. 72-135.000.
  - Johnson, Richard C.; and Norris, Allyn P., 4,493,206, Cl. 73-7.000.
  - Johnson, Richard C.; and Egbert, Leigh B., 4,554,967, Cl. 165-134.100.
  - Neale, Thomas J., 4,535,801, Cl. 137-240.000.
  - Neale, Thomas J., 4,552,490, Cl. 406-56.000.
  - Schroeder, Joseph W., 4,494,392, Cl. 72-56.000.
  - Stewart, Robert D.; and Gamble, Robert L., 4,521,976, Cl. 34-10.000.
  - Stewart, Robert D., 4,526,759, Cl. 422-143.000.
  - Stewart, Robert D.; and Gamble, Robert L., 4,536,121, Cl. 414-219.000.
  - Toth, Dennis A., 4,519,324, Cl. 110-347.000.
  - Vatsky, Joel; and Schindler, Edmund S., 4,497,263, Cl. 110-347.000.
- Foster, William J., to Transilwrap Company, Inc. Method of manufacture of resin film precision biomedical article. 4,500,382, 2-19-85, Cl. 156-272.800.
- Foster, William Z.: See—
  - Brockington, F. Rhett, and Foster, William Z., 4,539,248, Cl. 428-161.000.
- Fostveit, Edgar H. Test apparatus for telephone equipment. 4,513,176, 4-23-85, Cl. 179-175.10R.
- Fothergill, John C.: See—
  - Cranfield, Brian A.; Fothergill, John C.; and Wolfe, Susan V., 4,551,499, Cl. 524-487.000.
- Fothergill, Noel O., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Signal detecting circuit. 4,498,052, 2-5-85, Cl. 330-149.000.
- Fotiadis, Emanuel; Kozol, Edward J.; Leung, Tak L.; and Paul, Robert J., to International Business Machines Corporation. Floppy disk canister. 4,516,678, 5-14-85, Cl. 206-444.000.
- Fotland, Richard A.; and Beaudet, Leo A., to Dennison Manufacturing Company. Process for making electrostatic imaging surface. 4,518,468, 5-21-85, Cl. 204-38.300.
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- Foto, Anthony J.: See—
  - Carter, Donald F., 4,549,775, Cl. 312-15.000.
- Fotodyne, Incorporated: See—
  - Vitek, Richard K.; and Smoot, Jeffrey B., 4,556,914, Cl. 358-244.000.
- Fotouhi, Bahram: See—
  - Gregorian, Roubik; and Fotouhi, Bahram, 4,555,668, Cl. 330-9.000.
- Fouchard, Serge: See—
  - Ugon, Michel; and Fouchard, Serge, 4,538,058, Cl. 235-380.000.
- Foucher, Gerard, to Alsthom-Atlantique. Connector for connecting two rotors together. 4,496,259, 1-29-85, Cl. 403-14.000.
- Fouilloux, Pierre: See—
  - Cordier, Georges; and Fouilloux, Pierre, 4,532,350, Cl. 564-412.000.
- Fouin, Jean: See—
  - Galais, Michel; Sardain, Christian; Fouin, Jean; Arnaudeau, Marcel; and Morin, Pierre, 4,553,909, Cl. 417-369.000.
- Foulard, Jean; Rimbert, Jean-Francis; Vernet, Gilles; and Goursat, Albert-Gilbert, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Process for producing solid metal particles from a bath of metal. 4,518,421, 5-21-85, Cl. 75-49.000.
- Foulard, Jean: See—
  - Goursat, Albert-Gilbert; Vernet, Gilles; Rimbert, Jean-Francis; Foulard, Jean; Darle, Thierry; and Bigot, Jean, 4,521,244, Cl. 75-0.50B.
- Fouletier, Mireille; Siebert, Elisabeth; and Le Moigne, Jacques, to Societe Nationale Elf Aquitaine. Oxygen gauge the working electrode of which is composed of a macrocyclic pyrolic compound. 4,526,674, 7-2-85, Cl. 204-426.000.
- Foulke, Richard F.; and Lord, Steven M., to Proconics International Inc. Wafer transfer apparatus. 4,493,606, 1-15-85, Cl. 414-787.000.
- Foulkes, Andrew J.: See—
  - Donaldson, John H.; Brunswick, Robert; and Foulkes, Andrew J., 4,552,559, Cl. 604-198.000.

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Foundation Control Systems Inc.: *See—*
  Murray, Clarence L.; and Bright, John T., 4,507,069, Cl 425-59.000.
Foundation Merieux: *See—*
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  Masumoto, Hakaru; and Nakamura, Naoji, 4,517,156, Cl 420-463.000.
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  Harris, David L.; and Taylor, Colin, 4,560,281, Cl 366-15.000.
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  Lenk, Robert P.; Fountain, Michael W.; Janoff, Andrew S.; Ostro, Marc J.; and Popescu, Micrea C., 4,522,803, Cl 424-1.100.
  Varndell, Sydney A.; Lawson, Douglas R.; and Fountain, Michael W., 4,536,906, Cl 5-468.000.
Fountoulakis, Marcos. Clutch for post earrings. 4,501,050, 2-26-85, Cl 24-155.00R.
Fouquet, Gerd: *See—*
  Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, 4,520,125, Cl 502-170.000.
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Fouquet, Jean-Claude. Hydraulic apparatus for driving one or more hydraulic equipment devices, mounted on a semi-trailer, by means of the system motorizing the semi-trailer. 4,542,990, 9-24-85, Cl 366-61.000.
Four Brain Company Ltd.: *See—*
  Ueno, Masato; Sato, Masayoshi; Tasaka, Mitsuyuki; and Naito, Tatsuro, 4,556,389, Cl 433-206.000.
Four Time Enterprises Ltd.: *See—*
  Kietaibl, Josef, 4,560,344, Cl 431-253.000.
Fourcaulx, Bernard: *See—*
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Fourcin, Adrian J.; Howard, David M.; and Walliker, John R., to National Research Development Corporation. Apparatus for the electrical stimulation of nerves. 4,510,936, 4-16-85, Cl 128-419.00R.
Fourie, Phillippus J. Device for cleaning teeth. 4,495,956, 1-29-85, Cl 132-92.00R.
Fourie, Theunis G.; Dekker, Theodor G.; Snyckers, Friedrich O.; and van der Schyf, Cornelis J., to Noristan Limited. Phlorophenone derivatives, processes for preparing such compounds, uses and pharmaceutical compositions of phlorophenone compounds. 4,503,256, 3-5-85, Cl 568-331.000.
Fourman, Robert G. Sunscreen composition. 4,559,225, 12-17-85, Cl 424-59.000.
Fournel, Andre: *See—*
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Fournie, Francois J. C.; and Deleuze, Christian J. A., to Compagnie Francaise des Petroles; and Commissariat a l'Energie Atomique. Process for the dehydration of gases containing hydrocarbons. 4,497,640, 2-5-85, Cl 55-16.000.
Fournier, Andre; and Billet, Gilles, to Micronde. Relay for ultra high frequency coaxial switching. 4,496,919, 1-29-85, Cl 335-5.000.
Fournier, Eugene; and Doehler, Joachim, to Sovonics Solar Systems. Apparatus for the manufacture of photovoltaic devices. 4,515,107, 5-7-85, Cl 118-718.000.
Fournier, Jacques: *See—*
  Burckhardt, Christophe W.; Fournier, Jacques; and Stauber, Philippe, 4,543,526, Cl 324-61.00R.
Fournier, Jean; Patron, Henri; and Meynard, Paul, to Stein Industrie. System for interlocking closely ajacent vertical lengths of tube in a heat exchanger having loops. 4,550,777, 11-5-85, Cl 165-162.000.
Fournier, Jean-Pierre: *See—*
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Fournier, Pascal; and Peraud, Jean-Claude, to Pont-a-Mousson S.A. Apparatus for rapid solidification of thin metallic strips on a continuously moving substrate. 4,520,859, 6-4-85, Cl 164-253.000.
Fournier, Paul J. E., to Aeroquip Corporation. Self-reinforced face seal. 4,511,152, 4-16-85, Cl 277-207.00A.
Fournier, Paul J. E.; and Rogers, Russell L., to Aeroquip Corporation. Fluid sampling valve. 4,549,440, 10-29-85, Cl 73-863.850.
Fournier, Pierre L. E., to I.C.I. Francolor S.A. Process for the wet granulation of organic pigments in an aqueous system with hydrolysis of acetic anhydride, propionic anhydride or a mixture thereof. 4,535,151, 8-13-85, Cl 534-739.000.
Fournier, Priscilla J.: *See—*
  Fournier, Robert L.; and Fournier, Priscilla J., 4,491,235, Cl 220-94.00A.
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Fourre, Remy; and de Langre, Bruno, to Societe d'Etudes et Conselis A E R O. Safety controller. 4,520,482, 5-28-85, Cl 371-68.000.
Fourre, Remy D.; and Grant, William A., to FMC Corporation. Measuring proximity of metal to an arc welding torch. 4,507,541, 3-26-85, Cl 219-124.340.
Fourre, Thomas E.: *See—*
  Nylander, Eric F.; and Fourre, Thomas E., 4,531,334, Cl 52-109.000.
Fourrey, Francois; and Mauffrey, Jean-Francois, to Cycles Peugeot. Steering column adjustable in height. 4,495,833, 1-29-85, Cl 74-493.000.
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  Getz, Stephen; and Fouser, William, 4,551,875, Cl 7-138.000.
Fouss, James L.; Parker, John J.; Child, James L., Jr.; and Sting, Donald W., to Hancor, Inc. Multi-layered corrugated conduit with "black-eye" like apertures. 4,523,613, 6-18-85, Cl 138-121.000.
Foust, Eugene C.: *See—*
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Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., to Olin Corporation. Pallet height sensing mechanism. 4,512,701, 4-23-85, Cl 414-101.000.
Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., to Olin Corporation. Slip sheet retainers. 4,552,499, 11-12-85, Cl 414-125.000.
Foust, Robert K. Coffin bed adjusting apparatus. 4,524,472, 6-25-85, Cl 5-62.000.
Foust, Ronald L., to Dyson-Kissner-Moran Corporation, The. Reversible closure-spout assembly. 4,557,405, 12-10-85, Cl 222-539.000.
Foust, Tommy C., to Otis Engineering Corporation. Kickover tool. 4,508,165, 4-2-85, Cl 166-117.500.
Foutch, Gary L.: *See—*
  Bergstrom, Sheryl L.; and Foutch, Gary L., 4,539,293, Cl 435-160.000.
Fouts, Robert W., Jr.; Au, Andrew N. S.; Miller, Burton E.; and Gotcher, Alan J., to Raychem Corporation. Conductive polymer compositions and devices. 4,545,926, 10-8-85, Cl 252-511.000.
Fowler, Alan B., to International Business Machines Corporation. Semiconductor interferometer. 4,550,330, 10-29-85, Cl 357-16.000.
Fowler, Allan E.: *See—*
  Jones, Mark B.; and Fowler, Allan E., 4,530,704, Cl 55-48.000.
Fowler, Aubrey A., Jr. Crane/hoist forklift-type lifting apparatus. 4,542,928, 9-24-85, Cl 294-81.100.
Fowler, Aubrey A., Jr., to Walker, Joseph W.; and Southeastern Crane Fork. Forklift-type lifting apparatus. 4,549,759, 10-29-85, Cl 294-67.200.
Fowler, Billy C.: *See—*
  Rodgers, James L., and Fowler, Billy C., 4,492,819, Cl 178-18.000.
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Fowler, David P., to Frito-Lay, Inc. Apparatus and method for supporting, guiding and temperature-treating a puff extruded food product. 4,525,369, 6-25-85, Cl 426-446.000.
Fowler, David P., to Frito-Lay, Inc. Apparatus for seasoning snack food items. 4,543,907, 10-1-85, Cl 118-19.000.
Fowler, Donald W.: *See—*
  Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S., 4,527,816, Cl 285-81.000.
Fowler, Glenn D.; Shannon, Patrick A.; Stout, Ronald L.; and Yao, Jean, to AT&T Bell Laboratories. Multiple processor synchronized halt test arrangement. 4,502,116, 2-26-85, Cl 364-200.000.
Fowler, James C.; Wheatley, Howard S.; and Davis, John L., to Xadar Corporation. Synthetic pulse radar system and method. 4,504,833, 3-12-85, Cl 343-5.0NA.
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Fowler, John H.: *See—*
  Baugh, Benton F.; Henderson, Herman O., Jr.; Fowler, John H.; and Ahlstone, Arthur, 4,540,053, Cl 166-348.000.
  Furley, Richard G.; and Fowler, John H., 4,540,013, Cl 137-75.000.
Fowler, John T., to Laitram Corporation, The. Solid state compass. 4,503,621, 3-12-85, Cl 33-361.000.
Fowler, L. B. Water well pumping system. 4,519,418, 5-28-85, Cl 137-571.000.
Fowler, Leslie L. Centrifugal evaporation apparatus. 4,496,431, 1-29-85, Cl 202-83.000.
Fowler, Max J.: *See—*
  Levie, Lewis A.; and Fowler, Max J., 4,502,874, Cl 55-283.000.

Fowler, Randall C.; Ruby, Kenneth; and Sartor, Thomas F., Jr., to Identix Incorporated. Fingerprint imaging apparatus. 4,537,484, 8-27-85, Cl. 354-62.000.

Fowler, Robert C.: *See—*
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Fowler, Seeber T. Device for teaching decimal math. 4,560,354, 12-24-85, Cl. 434-208.000.

Fowler, Steven E.; Hennings, George N.; and McVay, James V., to United States of America, Navy. Self-checking arming and firing controller. 4,541,341, 9-17-85, Cl. 102-215.000.

Fowler, Tracy J.: *See—*
  Haake, Joseph R.; Fowler, Tracy J.; and Jensen, James W., 4,496,417, Cl. 156-361.000.

Fowles, Patrick E.; and Yan, Tsoung-Yuan, to Mobil Oil Corporation. Coproduction of durene and gasoline from synthesis gas and alcohols and separation of durene-gasoline mixtures. 4,524,227, 6-18-85, Cl. 585-408.000.

Fowles, Patrick E.; and Yan, Tsoung-Yuan, to Mobil Oil Corporation. Production of durene and gasoline from synthesis gas. 4,524,228, 6-18-85, Cl. 585-408.000.

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Fowles, Thomas A.; Slater, Glenn L.; and Winchell, David A., to Baxter Travenol Laboratories, Inc. Method of making a bottle closure. 4,511,529, 4-16-85, Cl. 264-515.000.

Fowles, Thomas A.: *See—*
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Fowles, Tom A.; Lee, Robert; Richmond, Frank M.; and Tobiasz, Henry, to Baxter Travenol Laboratories, Inc. Separation device manufacture. 4,497,104, 2-5-85, Cl. 29-419.00R.

Fox, Adrian S., to Austenal International, Inc. Radiopaque acrylic resin. 4,500,658, 2-19-85, Cl. 523-117.000.

Fox, Albert D.; Kish, Robert J.; and Knight, Donn C., to D. W. Zimmerman Mfg., Inc. Fluid-operated apparatus for handling and lifting loads. 4,500,074, 2-19-85, Cl. 254-270.000.

Fox, Austin L., to Molins PLC. Transferring packets. 4,495,750, 1-29-85, Cl. 53-575.000.

Fox, Bryce J., to Minnesota Mining and Manufacturing Company. Heat and liquid recovery using open cycle heat pump system. 4,539,816, 9-10-85, Cl. 62-87.000.

Fox, Charles L., Jr.; and Modak, Shanta M., to Norwich Eaton Pharmaceuticals, Inc. 1-ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinoline carboxylic acid and metal salts thereof useful in burn therapy. 4,522,819, 6-11-85, Cl. 514-187.000.

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Fox, Charles L., Jr., to Daltex Medical Sciences, Inc. Silver sulfadiazine and/or zinc sulfadiazine-containing toothpaste or oral medicament. 4,559,223, 12-17-85, Cl. 424-48.000.

Fox, Clarence D.; and Baron, Tibor, to Borg-Warner Corporation. Proportional solenoid valve. 4,522,371, 6-11-85, Cl. 251-139.000.

Fox, Clarence D., to Borg-Warner Corporation. Proportional solenoid valve. 4,534,375, 8-13-85, Cl. 137-82.000.

Fox, Clifford R., to CBM Display Group Limited. Merchandise display means. 4,501,369, 2-26-85, Cl. 211-133.000.

Fox, Daniel J.: *See—*
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  Neiditch, Oscar W.; Hurdle, Edmund S.; and Fox, Daniel J., 4,562,002, Cl. 252-8.750.
  Rubin, Fred K.; Van Blarcom, David; and Fox, Daniel J., 4,528,039, Cl. 134-2.000.
  Rubin, Fred K.; Blarcom, David V.; and Fox, Daniel J., 4,561,994, Cl. 252-187.230.

Fox, Daniel W.; Kaduk, Bruce A.; and Starr, John B., Jr., to General Electric Company. Copolymers and process for their preparation. 4,507,442, 3-26-85, Cl. 525-439.000.

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Fox, Duke. Model airplane engine. 4,523,557, 6-18-85, Cl. 123-197.0AB.

Fox, George R.: *See—*
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Fox, James D.; Beckway, Bruce C.; and DeGroot, Robert H., to Packing Materials Corporation. Velcro fastening arrangement for recloseable carton flaps. 4,556,167, 12-3-85, Cl. 229-45.00R.

Fox, James W.; and Hill, Robert J., to G & W Electric Company. High voltage cable terminator and method of assembly. 4,517,407, 5-14-85, Cl. 174-73.00R.

Fox, James W.; Moery, Ronald J.; and Banas, Kenneth P., to G & W Electric Company. Switch apparatus. 4,532,394, 7-30-85, Cl. 200-275.000.

Fox, John V., to Bomford & Evershed Limited. Rotary surface cultivator. 4,492,273, 1-8-85, Cl. 172-520.000.

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Fox, Joseph R.: *See—*
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  Tenhover, Michael A.; Henderson, Richard S.; and Fox, Joseph R., 4,537,625, Cl. 75-0.50A.

Fox, Karl M.: *See—*
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Fox, Kenneth R., to GTE Automatic Electric Laboratories Incorporated. Wiring pair reversal detector. 4,553,088, 11-12-85, Cl. 324-66.000.

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Fox, Paul W. External coat pocket for luggage. 4,523,678, 6-18-85, Cl. 206-287.100.

Fox, Peter F.: *See—*
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Fox, Richard B.; and Sullivan, James B. Rigid-foam plastic mold and method of preparation. 4,538,787, 9-3-85, Cl. 249-112.000.

Fox, Richard C., to Chevron Research Company. Biocidal wood preservative composition and method. 4,508,568, 4-2-85, Cl. 106-2.000.

Fox, Richard J., to United States of America, Energy. Method and apparatus for determining peak temperature along an optical fiber. 4,515,474, 5-7-85, Cl. 356-44.000.

Fox, Robert E.: *See—*
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  Buckley, John D.; Swaim, Robert J.; Fox, Robert L.; and Johnston, David F., 4,521,659, Cl. 219-10.770.

Fox, Ronald L.: *See—*
  Eisenhawer, Stephen; Mulac, Anthony J.; Donaldson, A. Burl; and Fox, Ronald L., 4,498,542, Cl. 166-303.000.

Fox, Sidney J.; Yeskel, Filip J.; and Zimmermann, William J., Jr., to International Business Machines Corporation. Universal thresholder/discriminator. 4,554,593, 11-19-85, Cl. 358-282.000.

Fox, Sidney W.; and Przybylski, Aleksander T., to University of Miami. Organic photovoltaic device. 4,514,584, 4-30-85, Cl. 136-263.000.

Fox, Thomas J.: *See—*
  Green, Harold V.; Fox, Thomas J.; and Scallan, Anthony M., 4,510,020, Cl. 162-169.000.

Fox, Wayne D., to Xerox Corporation. Charge erase device for copying or reproduction machines and printers. 4,561,761, 12-31-85, Cl. 355-3.00R.

Fox, Wayne D., to Xerox Corporation. Blade cleaner apparatus for removing toner from a charge-retentive surface. 4,561,766, 12-31-85, Cl. 355-15.000.

Foxboro Company, The: *See—*
  Annino, Raymond; Cheney, Maynard C.; and Fletcher, Kenneth S., 4,496,433, Cl. 204-1.00T.
  Blanchard, Robert L.; Sherburne, Arthur E.; and Williams, Robert A., 4,528,839, Cl. 73-1.00H.
  Frant, Martin S., 4,504,790, Cl. 324-439.000.
  Gilby, Anthony C.; Lewis, Edward L.; and Olsen, Everett O., 4,521,684, Cl. 250-227.000.
  Hallee, Donald O.; Lake, Harold; Johansson, Kenneth L.; and Graves, Thomas B., 4,527,271, Cl. 371-20.000.
  Hubball, John A.; and Barry, Eugene F., 4,509,964, Cl. 55-386.000.
  Koziol, Stanislaw; and Sgourakes, George E., 4,520,678, Cl. 73-861.240.
  McHale, Edward J.; Hussain, Yousif A.; Sanderson, Michael L.; and Hemp, John, 4,513,624, Cl. 73-861.120.
  Miller, Richard W., 4,517,847, Cl. 73-861.740.
  Miller, Richard W., 4,523,477, Cl. 73-861.020.
  Shinskey, Francis G., 4,502,921, Cl. 202-154.000.

Foxwell, W. John, to Prince Manufacturing Company. Power cylinder with internally mounted position indicator. 4,552,055, 11-12-85, Cl. 92-5.00R.

Foxx, Mary E.: *See—*
  Klein, Robert W.; and Foxx, Mary E., 4,497,794, Cl. 424-81.000.

Foyer d'Aciernergie Inc.: *See—*
  Bourgeois, Jean-Louis, 4,535,751, Cl. 126-121.000.

Foyt, Arthur G.; Leonberger, Frederick J.; and Williamson, Richard C., to Massachusetts Institute of Technology. High speed optoelectronic mixer. 4,525,871, 6-25-85, Cl. 455-325.000.

FPDC, Inc.: *See—*
  Freeny, Charles C., Jr., 4,528,643, Cl. 364-900.000.

FPS Development Partnership: *See—*
  Finch, Harvey E.; and Trapanese, Salvatore P., 4,522,119, Cl. 99-483.000.

Frackelton, A. Raymond, Jr.; Eisen, Herman N.; and Ross, Alonzo H., to Massachusetts Institute of Technology. Production and use of monoclonal antibodies to phosphotyrosine-containing proteins. 4,543,439, 9-24-85, Cl. 935-92.000.

- Frade, Americo G. P.: *See—*
  - Davis, Curry B.; and Frade, Americo G. P., 4,536,332, Cl. 260-97.600.
- Fradella, Richard B. Brushless ultra-efficient regenerative servomechanism. 4,520,300, 5-28-85, Cl. 318-603.000.
- Fraden, Jacob, to Timex Medical Products Corporation. Cardio-respiration transducer. 4,509,527, 4-9-85, Cl. 128-671.000.
- Fraden, Jacob, to Healthcheck Corporation. Power switch. 4,538,074, 8-27-85, Cl. 307-126.000.
- Fraefel, Wolfgang; and Tschannen, Roland, to Solco Basel AG. Process for the preparation of cell and tissue regenerating substances. 4,544,552, 10-1-85, Cl. 514-23.000.
- Fragala, Anthony R.: *See—*
  - LaConti, Anthony B.; Enos, John F.; Dempsey, Russell M.; and Fragala, Anthony R., 4,528,083, Cl. 204-265.000.
- Fragale, Joseph V. Compact asphalt laying machine for sidewalks and the like. 4,496,265, 1-29-85, Cl. 404-110.000.
- Fraige, Richard. Buoyant fiber product. 4,496,623, 1-29-85, Cl. 428-283.000.
- Fraige, Richard. Buoyant fiber product used in improved waterbed float with hanging baffle. 4,523,343, 6-18-85, Cl. 5-450.000.
- Fraignier, Bernard; and Gery, Daniel E., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Multi axis force and moments transducer. 4,550,617, 11-5-85, Cl. 73-862.040.
- Fraijo, John P.: *See—*
  - Corcoran, John J.; and Fraijo, John P., 4,507,012, Cl. 404-72.000.
- Fraikin, Michael: *See—*
  - Wittler, Fritz; and Fraikin, Michael, 4,545,717, Cl. 414-166.000.
- Frailey, Richard C.; and Symborski, Alex P., to Owens-Corning Fiberglas Corporation. Method and apparatus for forming glass filaments. 4,551,160, 11-5-85, Cl. 65-2.000.
- Fraioli, Anthony V., to United States of America, Energy. Solid oxide fuel cell having compound cross flow gas patterns. 4,510,212, 4-9-85, Cl. 429-30.000.
- Fraioli, Daniel F.: *See—*
  - Muller, Guy L.; Fraioli, Daniel F.; and Oulie, Michel B., 4,539,185, Cl. 422-233.000.
- Fraioli, Donato M. Air-supported structure for sport activities. 4,550,533, 11-5-85, Cl. 52-2.000.
- Fraioli, Joseph. Gas-fired infrared projection heater. 4,507,083, 3-26-85, Cl. 432-227.000.
- Fraise, Pierre, to Thomson-CSF. Microwave mixer with recovery of the sum frequency. 4,516,271, 5-7-85, Cl. 455-327.000.
- Frait, John S.; Lowman, Clark E.; Morris, George W., III; and Tribe, Leonard T., to Kelsey-Hayes Company. Position sensor. 4,555,120, 11-26-85, Cl. 280-6.100.
- Frakes, David L. Apparatus for fabricating coaxial cable. 4,508,585, 4-2-85, Cl. 156-393.000.
- Fraleigh, M. Foster. Variable volume dual action rheometer. 4,539,838, 9-10-85, Cl. 73-59.000.
- Fraley, Lawrence R.; and Westlund, Arnold E., Jr., to GTE Products Corporation. Projection lamp unit. 4,545,000, 10-1-85, Cl. 362-304.000.
- Fram, Jerry R. Transmission drive with cyclic speed variations and uses thereof in compaction systems using dual wire-mesh belts. 4,505,690, 3-19-85, Cl. 474-69.000.
- Fram, Jerry R. Catalyst slave pump. 4,509,903, 4-9-85, Cl. 417-464.000.
- Frama AG.: *See—*
  - Haug, Werner, 4,520,725, Cl. 101-91.000.
- Framatome & Cie: *See—*
  - Assedo, Raphael; and Dubreux, Eric, 4,562,038, Cl. 376-353.000.
  - Castrec, Yves-Marie; and Launay, Jean-Pierre, 4,499,046, Cl. 376-245.000.
  - Colling, Jean M., 4,524,449, Cl. 377-28.000.
  - Coussau, Jean; and Clar, Georges, 4,494,907, Cl. 414-749.000.
  - Delor, Michel; and Bruyere, Michel, 4,555,382, Cl. 376-216.000.
  - Dreuilhe, Jacques; and Landet, Paul-Victor, 4,553,502, Cl. 122-4.00D.
  - Dumont, Pascal G.; and Chiron, Daniel M., 4,516,426, Cl. 73-432.00R.
  - Esayan, Mariana; and Vilain, Michel, 4,510,118, Cl. 376-282.000.
  - Feurgard, Rene; and Baujat, Jacques, 4,545,562, Cl. 251-129.200.
  - Guigon, Jean-Paul, 4,533,128, Cl. 269-58.000.
  - Hista, Jean C., 4,518,561, Cl. 376-293.000.
  - Leclercq, Joseph, 4,522,782, Cl. 376-438.000.
  - Leclercq, Joseph, 4,535,523, Cl. 29-402.080.
  - Le Dantec, Olivier J.; and Balage, Charly G., 4,553,889, Cl. 411-21.000.
  - Le Pargneux, Jacques; Bonnamour, Michel; and Filary, Gerard, 4,558,504, Cl. 29-452.000.
  - Leroy, Jean-Luc; and Dejeux, Pol, 4,498,426, Cl. 122-32.000.
  - Leroy, Jean-Luc, 4,560,531, Cl. 376-302.000.
  - Marini, Jean; and Heinrich, Jean-Paul, 4,491,008, Cl. 73-19.000.
  - Millot, Jean-Paul; Desfontaines, Guy; and Babin, Michel, 4,544,521, Cl. 376-209.000.
  - Petetrot, Jean-Francois; and Parent, Pierre, 4,505,873, Cl. 376-216.000.
  - Plaige, Yves, 4,562,035, Cl. 376-215.000.
  - Raczynski, Wladyslaw, 4,505,637, Cl. 415-112.000.
- Frambach, James E., Sr. Tractor hitch frame. 4,502,706, 3-5-85, Cl. 280-415.00A.
- Frame-Lok, Inc.: *See—*
  - Cockfield, William; Martin, Nancy; and Murray, Barbara, 4,557,457, Cl. 248-544.000.
- Frame, Robert R., to UOP Inc. Catalytic oxidation of mercaptan in petroleum distillate. 4,498,977, 2-12-85, Cl. 208-207.000.
- Frame, Robert R., to UOP Inc. Catalytic oxidation of mercaptan in petroleum distillate. 4,498,978, 2-12-85, Cl. 208-207.000.
- Frame, Robert R.; Johnson, Russell W.; and Staehle, Bruce E., to UOP Inc. Catalytic oxidation of mercaptan in petroleum distillate. 4,502,949, 3-5-85, Cl. 208-207.000.
- Frame, Warren C. Crosscut saw carriage. 4,494,429, 1-22-85, Cl. 83-435.100.
- Frame, William R.; and Vickers, James H., to Southco, Inc. Adjustable draw latch. 4,540,206, 9-10-85, Cl. 292-66.000.
- Framelock International Pty. Limited: *See—*
  - Marshall, Stuart R., 4,556,337, Cl. 403-255.000.
- Framil, Armando: *See—*
  - Valdes, Guillermo A.; Figueredo, Fernando F.; Pacheco, Benjamin G.; and Framil, Armando, 4,501,310, Cl. 144-34.00R.
  - Valdes, Guillermo A.; Pacheco, Benjamin G.; Figueredo, Fernando F.; and Framil, Armando, 4,518,022, Cl. 30-166.00R.
- Framo Developments (UK) Limited: *See—*
  - Mohn, Frank, 4,500,263, Cl. 417-360.000.
  - Mohn, Frank, 4,541,782, Cl. 417-244.000.
- Frampton, John C.: *See—*
  - Kubert, Vincent T.; Frampton, John C.; and Ono, George Y., 4,493,257, Cl. 101-349.000.
- Frampton, Victor A.; Drake, James R.; and Slump, William R., to Singer Company, The. Calibrator for distance measuring equipment. 4,532,516, 7-30-85, Cl. 343-17.700.
- Franaszek, Peter A.; and Yarmchuk, Edward J., to International Business Machines Corporation. Magnetic recording head array for longitudinal magnetic printing with staggered head arrangement and clustered wiring. 4,525,724, 6-25-85, Cl. 346-74.500.
- Franc, Zdenek: *See—*
  - Bulaty, Paul; De Mesmaeker, Ivan; Franc, Zdenek; and Salerno, Giuseppe, 4,511,839, Cl. 324-127.000.
- Francalanci, Franco: *See—*
  - Foa, Marco; Francalanci, Franco; Gardano, Andrea; and Bencini, Elena, 4,537,970, Cl. 546-319.000.
  - Gardano, Andrea; Francalanci, Franco; and Foa, Marco, 4,536,595, Cl. 562-406.000.
- Francart, Armand, Jr. Compact high torque rotary valve operator for simultaneous actuation of multiple rotary valves. 4,533,113, 8-6-85, Cl. 251-63.400.
- France Bed Co., Ltd.: *See—*
  - Hamaguchi, Yoshiharu, 4,490,865, Cl. 5-90.000.
  - Masuda, Teruo; and Yamaguchi, Kazuyuki, 4,494,532, Cl. 128-71.000.
  - Masuda, Teruo; Abe, Takeo; and Koike, Matsuhiro, 4,498,477, Cl. 128-378.000.
  - Sasaki, Noboru, 4,548,390, Cl. 267-91.000.
- France, Paul W.: *See—*
  - Beales, Keith J.; Carter, Steve F.; Partington, Sally; and France, Paul W., 4,539,033, Cl. 65-134.000.
- France Transfo (S.A.): *See—*
  - Vazquez, Miguel; and Bilde, Rene, 4,491,284, Cl. 242-83.000.
- Francel, Georges. Device for simultaneous control of air flow and circulation speed for an air conditioning installation with variable air flow. 4,506,830, 3-26-85, Cl. 236-49.000.
- Francel, Josef; Horn, Uriah; and Stewart, Daniel R., to Owens-Illinois, Inc. Lead-free and cadmium-free glass frit compositions for glazing, enameling and decorating. 4,537,862, 8-27-85, Cl. 501-14.000.
- Francel, Josef, to Owens-Illinois, Inc. Chemical resistant lead-free glass frit compositions. 4,554,258, 11-19-85, Cl. 501-21.000.
- Frances, Arnold, to Du Pont de Nemours, E. I., and Company. Fiber containing particulate elastomeric composition. 4,514,541, 4-30-85, Cl. 524-514.000.
- Franceschi, Giovanni; and Vioglio, Sergio, to Farmitalia Carlo Erba S.p.A. Preparation of azinomethyl-rifamycins. 4,507,295, 3-26-85, Cl. 260-239.30P.
- Franceschi, Giovanni: *See—*
  - Alpegiani, Marco; Battistini, Carlo; Bedeschi, Angelo; Franceschi, Giovanni; Foglio, Maurizio; and Zarini, Franco, 4,508,649, Cl. 260-245.20R.
  - Foglio, Maurizio; Franceschi, Giovanni; Scarafile, Cosimo; Arcamone, Federico; and Sanfilippo, Aurora, 4,558,042, Cl. 514-192.000.
- Franceschi, Jean-Luc: *See—*
  - Jouffrey, Bernard; Trinquier, Jacques; and Franceschi, Jean-Luc, 4,516,026, Cl. 250-310.000.
- Francescon, Paul K.: *See—*
  - McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,527,633, Cl. 166-370.000.
  - McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,546,830, Cl. 166-370.000.
- Francese, Renato; Fruttero, Roberta; Messori, Vittorio; and Peluffo, Anna, to Anic S.p.A. Weed-killing furazan compounds. 4,502,881, 3-5-85, Cl. 71-92.000.
- Francesville Drain Tile Corporation: *See—*
  - Overmyer, Stephen R., 4,557,510, Cl. 285-305.000.
- Franchi, Roberto D. Child proof medicine vial. 4,535,903, 8-20-85, Cl. 215-213.000.
- Franchini, Ivan: *See—*
  - Grilli, Walter; De Meo, Franco; and Franchini, Ivan, 4,495,004, Cl. 148-16.500.
- Franchini, Mauro; Sarasso, Angelo; and Puccetti, Angelo, to Weber S.p.A. Carburetor fitted with electromagnetic devices for intercepting the flow of fuel during accelerator release. 4,498,439, 2-12-85, Cl. 123-438.000.

- Franci, Giosue : *See—*
  - Ferro, Francesco; and Franci, Giosue , 4,539,803, Cl. 57-263.000.
- Franci, Vittorio: *See—*
  - Carobbi, Renato; Miletti, Sandro; and Franci, Vittorio, 4,536,221, Cl. 127-30.000.
  - Carobbi, Renato; Miletti, Sandro; and Franci, Vittorio, 4,555,271, Cl. 127-46.200.
- Francioni, Renzo, to Cavanna S.p.A. Device for transferring biscuits and confectionery products in general. 4,558,777, 12-17-85, Cl. 198-461.000.
- Francis, Alan W., to S. C. Johnson & Son, Inc. Elapsed time indicator. 4,550,676, 11-5-85, Cl. 116-206.000.
- Francis, Alex W., Jr., to Combustion Engineering, Inc. Floatable offshore production structure and method for fabrication, transport and installation of same. 4,493,591, 1-15-85, Cl. 405-198.000.
- Francis, Alex W., Jr., to Combustion Engineering, Inc. Treatment of oil well production. 4,555,332, 11-26-85, Cl. 210-104.000.
- Francis, David B.: *See—*
  - Curtis, Huntington W.; Dodge, Frederick A.; Francis, David B.; and Mizzi, John V., 4,509,530, Cl. 128-710.000.
- Francis, Gaylord L.: *See—*
  - Holmes, Curtis L.; Faber, William M., Sr.; Francis, Gaylord L.; and Boykin, Otis F., 4,561,996, Cl. 252-514.000.
- Francis, Geoffrey V. Structural spacer glazing with connecting spacer device. 4,500,572, 2-19-85, Cl. 428-34.000.
- Francis, Geoffrey V. Structural spacer glazing with connecting spacer device. 4,552,790, 11-12-85, Cl. 428-34.000.
- Francis, John F., to Gillette Company, The. Safety razors. 4,516,321, 5-14-85, Cl. 30-50.000.
- Francis, John H.; Deller, Nigel A.; and Perkins, Clive I., to Lucas Industries Public Limited Company. Engine position transducer means. 4,558,591, 12-17-85, Cl. 73-116.000.
- Francis, John H.: *See—*
  - VanDerLinden, Roy E.; and Francis, John H., 4,515,028, Cl. 74-191.000.
- Francis, Leo H.: *See—*
  - Marquardt, Robert F.; Pederson, Harold T., Jr.; and Francis, Leo H., 4,497,836, Cl. 426-239.000.
- Francis, Leslie H.: *See—*
  - Overall, Colin D., and Francis, Leslie H., 4,522,309, Cl. 220-2.10A.
- Francis, Mark S.: *See—*
  - Sheppard, Roy J. P.; Thornhill, Howard S.; and Francis, Mark S., 4,497,608, Cl. 414-726.000.
- Francis, Michael A., to Ethyl Corporation. Plastic film. 4,518,643, 5-21-85, Cl. 428-131.000.
- Francis, Ralph M., Jr.; and Isaacson, Jerome C. Photo flash lamp. 4,519,684, 5-28-85, Cl. 354-145.100.
- Francis, Robert E.: *See—*
  - Hanson, David G.; and Francis, Robert E., 4,504,827, Cl. 340-723.000.
- Francis, Robert W.; Napoli, Joseph D.; and Tsien, Hsue C., to Solarex Corporation. Bus bar interconnect for a solar cell. 4,542,258, 9-17-85, Cl. 136-256.000.
- Francis, Samuel: *See—*
  - Sherman, Benjamin F., Jr.; and Francis, Samuel, 4,557,484, Cl. 273-153.00S.
- Francis S.p.A.: *See—*
  - Rossetti, Vittorio; Dondoni, Alessandro; and Fantin, Giancarlo, 4,507,499, Cl. 564-179.000.
- Francis, Thomas L.; and Phelps, Frankie E., to Aluminum Company of America. Refractory composition comprising nitride filler and colloidal sol binder. 4,517,037, 5-14-85, Cl. 156-89.000.
- Francis, Thomas L.: *See—*
  - Phelps, Frankie E.; Francis, Thomas L.; and LaCamera, Alfred F., 4,499,193, Cl. 501-98.000.
- Francis Tool Company: *See—*
  - Johnson, Timothy L., 4,505,407, Cl. 222-181.000.
- Francis, William L. Continuous electroplating device. 4,539,090, 9-3-85, Cl. 204-198.000.
- Francis, William L. High frequency electroplating device. 4,545,884, 10-8-85, Cl. 204-202.000.
- Franck, Gerhard: *See—*
  - Rake, Heinrich; Herchenbach, Horst; Jager, Gernot; and Franck, Gerhard, 4,498,930, Cl. 106-100.000.
- Francke, Amiel W. Variable speed balance or teeter board. 4,491,318, 1-1-85, Cl. 272-146.000.
- Francke, Kurt O.; and Strand, Sten T., to Aktiebolaget Electrolux. Split pulley. 4,506,559, 3-26-85, Cl. 74-439.000.
- Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, to Bayer Aktiengesellschaft. Method of combatting coronary and vascular diseases. 4,532,248, 7-30-85, Cl. 514-302.000.
- Franckowiak, Gerhard: *See—*
  - Goldmann, Siegfried; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,789, Cl. 546-274.000.
  - Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,537,881, Cl. 514-25.000.
  - Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.
- Franckowiak, Sigismond: *See—*
  - Deschamps, Andre; and Franckowiak, Sigismond, 4,519,895, Cl. 208-8.0LE.
- Franckx, Joris: *See—*
  - Moisson, Marc; Van Noten, Lodewijk; Overbergh, Noel; Franckx, Joris; and Buekers, Valere, 4,498,938, Cl. 156-49.000.
- Franckx, Joris R. I.; Mendes, Luiz N.; Van Noten, Lodewijk; and Touchais, Thierry, to Raychem Corporation. Tubular article for branch-off seal. 4,560,828, 12-24-85, Cl. 174-71.00R.
- Franco, Boccaletti, to F.A.I.P. S.p.A. Rotary drive device for mandrel-carrying arbors of tire dismounting machines. 4,538,660, 9-3-85, Cl. 157-20.000.
- Franco-Ferreira, Edgard A.; and Toohey, William J., to Russell, Larry. Seam tracker. 4,547,653, 10-15-85, Cl. 219-124.340.
- Franco, Jill: *See—*
  - Franco, Larry J.; Franco, Jill; Forino, Margaret K.; and Forino, Costante, 4,506,769, Cl. 190-108.000.
- Franco, Larry J.; Franco, Jill; Forino, Margaret K.; and Forino, Costante. Activity bag system. 4,506,769, 3-26-85, Cl. 190-108.000.
- Franco, Lila K.: *See—*
  - deCelle, Charles W., 4,510,913, Cl. 123-557.000.
- Franco, Michel A.: *See—*
  - Bourdet, Gilbert L.; and Franco, Michel A., 4,492,464, Cl. 356-4.500.
- Franco, Ralph A.: *See—*
  - deCelle, Charles W., 4,510,913, Cl. 123-557.000.
- Francois, Daniel: *See—*
  - Clement, Gilles; Francois, Daniel; Marchal, Paul; and Moreau, Claude, 4,523,884, Cl. 414-8.000.
  - Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,493,598, Cl. 414-1.000.
  - Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,549,839, Cl. 414-7.000.
- Francois, de Reinach Hirtzbach: *See—*
  - Ambrosi, Dominique; and Francois, de Reinach Hirtzbach, 4,556,414, Cl. 71-94.000.
- Francois, Fort. Image conductors with a reticulated screen. 4,518,221, 5-21-85, Cl. 350-96.260.
- Francois, Jacques: *See—*
  - Forgo, Imre; and Francois, Jacques, 4,496,694, Cl. 525-163.000.
- Francois, Yves-Marie M. R.; and Vergnes, Jean-Claude, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Deceleration limiter, particularly for a turbine engine. 4,503,670, 3-12-85, Cl. 60-39.281.
- Francotyp Gesellschaft mbH: *See—*
  - Denzin, Horst; and Pach, Horst, 4,522,121, Cl. 101-92.000.
  - Knoth, Norbert; and Miehe, Friedrich V., 4,541,053, Cl. 364-466.000.
- Francotyp-Postalia GmbH: *See—*
  - Schulze, Wolfgang, 4,551,188, Cl. 156-441.500.
- Francovitch, Thomas F. Roof membrane anchoring systems using dual anchor plates. 4,520,606, 6-4-85, Cl. 52-410.000.
- Franetzki, Manfred; and Prestele, Karl, to Siemens Aktiengesellschaft. Infusion device intended for implantation in a living body. 4,511,355, 4-16-85, Cl. 604-131.000.
- Franetzki, Manfred; Gagneur, Klaus; and Prestele, Karl, to Siemens Aktiengesellschaft. Device for the pre-programmable infusion of liquids. 4,559,037, 12-17-85, Cl. 604-151.000.
- Franey, Terence E., to International Business Machines Corporation. Radiation hardened lift-off correction medium and process of manufacture. 4,552,634, 11-12-85, Cl. 204-159.230.
- Frangatos, Gerassimos, to Mobil Oil Corporation. Sulfurized amine condensation products and lubricant compositions containing same. 4,536,312, 8-20-85, Cl. 252-47.500.
- Frangatos, Gerassimos, executor: *See—*
  - Braid, Milton, deceased, 4,530,770, Cl. 252-49.600.
  - Braid, Milton, deceased, 4,547,302, Cl. 252-48.400.
  - Braid, Milton, deceased, 4,551,259, Cl. 252-48.200.
- Frank, Amalie J., to AT&T Bell Laboratories. Technique for dynamic scheduling of integrated circuit- and packet-switching in a multi-beam SS/TDMA system. 4,491,947, 1-1-85, Cl. 370-94.000.
- Frank, Amalie J., to AT&T Bell Laboratories. Rapid generation of discrete random variates from general distributions. 4,499,551, 2-12-85, Cl. 364-717.000.
- Frank, Andrew A.; and Omitsu, Takashi, to Aisin Seiki Kabushiki Kaisha. Control system and method for a power delivery system having a continuously variable ratio transmission. 4,515,041, 5-7-85, Cl. 74-866.000.
- Frank, Anton: *See—*
  - Dockner, Toni; and Frank, Anton, 4,529,537, Cl. 252-182.000.
  - Dockner, Toni; Kempe, Uwe; and Frank, Anton, 4,550,176, Cl. 548-343.000.
- Frank, Berthold; Gartner, Georg; and Lydtin, Hans, to U.S. Philips Corporation. Method of manufacturing a thermionic cathode and thermionic cathode manufactured by means of said method. 4,533,852, 8-6-85, Cl. 313-346.0DC.
- Frank, Bruno: *See—*
  - Eisele, Hermann; and Frank, Bruno, 4,501,248, Cl. 123-478.000.
- Frank, David S.; and Belly, Robert T., to Eastman Kodak Company. Use of pyrylium and thiapyrylium compounds as biological stains. 4,555,396, 11-26-85, Cl. 424-3.000.
- Frank, Dieter: *See—*
  - Metcalfe, Lincoln D.; and Frank, Dieter, 4,539,294, Cl. 435-180.000.
- Frank, Ed, to Boeing Company, The. Energy absorber for high energy fluid jet. 4,532,949, 8-6-85, Cl. 137-1.000.
- Frank, Ed, to Boeing Company, The. Bi-directional applicator head with dual tape supply. 4,560,433, 12-24-85, Cl. 156-459.000.

Frank, G Haven, to United States of America, Air Force. Protection circuitry for high voltage drivers. 4,517,618, 5-14-85, Cl. 361-58.000.

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Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.

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Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, to BASF Aktiengesellschaft. Preparation of primary amines. 4,492,804, 1-8-85, Cl. 564-493.000.

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Frank, Gilbert H. Microwave phase shifter. 4,507,629, 3-26-85, Cl. 333-164.000.

Frank, Gunther: *See—*

Class, Eberhard; Schweizer, Heiner; and Frank, Gunther, 4,524,843, Cl. 180-179.000.

Frank, Hermann T. Diaphragm drive for controlling the operation of a gas burner. 4,491,296, 1-1-85, Cl. 251-14.000.

Frank, Jimmy I.; and Wolfe, John R., III, to Gagemaker, Inc. Gage for measuring diameters. 4,524,524, 6-25-85, Cl. 33-147.00M.

Frank, Julius: *See—*

Tannenlaufer, Gerd; Frank, Julius; and Forsting, Bernhard, 4,541,611, Cl. 251-228.000.

Frank, Lothar: *See—*

Schock, Karl; and Frank, Lothar, 4,492,063, Cl. 52-309.700.

Frank, Louis M., to Raychem Corporation. Electrical monitoring systems. 4,520,417, 5-28-85, Cl. 361-45.000.

Frank, Lowell C.: *See—*

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Frank-Neumann, Michel; Sedrati, Madjid; Vigneron, Jean-Pierre; and Bloy, Vincente, to Roussel Uclaf. Process of preparing alkyl cis chrysanthemates. 4,551,545, 11-5-85, Cl. 560-124.000.

Frank, Peter L.: *See—*

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Frank, Robert G.; Fecik, Michael T.; and Ewing, John J., to PPG Industries, Inc. Vacuum mold for shaping glass sheets. 4,526,605, 7-2-85, Cl. 65-273.000.

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Frank, Rudiger, to Robert Bosch GmbH. Vane pump with spring sealing elements against the vane faces. 4,502,856, 3-5-85, Cl. 418-137.000.

Frank Storimans Limited: *See—*

Storimans, Franciscus J. A., 4,529,083, Cl. 198-480.000.

Frank W. Murphy Manufacturer, Inc.: *See—*

Murphy, Frank W., Jr.; Carlton, Lewis M.; O'Mary, Bob L.; and Cruse, Teddy H., 4,505,288, Cl. 137-59.000.

Frank, Walter, to Burndy Corporation. Collapsible wedge for electrical connector. 4,533,205, 8-6-85, Cl. 339-247.000.

Frank, Werner, to Walther & Cie Aktiengesellschaft. Method and apparatus for automatic regulation of the operation of an electrostatic filter. 4,522,634, 6-11-85, Cl. 55-2.000.

Frank, Wolfram: *See—*

Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, 4,560,708, Cl. 521-137.000.

Marx, Matthias; Ganss, Helmut; and Frank, Wolfram, 4,514,526, Cl. 521-166.000.

Frank, Xaver, to S & F Orthopadietechnik GmbH. Resilient support foot for walking aids, particularly crutches. 4,510,957, 4-16-85, Cl. 135-84.000.

Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, to BASF Aktiengesellschaft. Aminopropanol derivatives of 2-hydroxy-β-phenyl-propiophenones, pharmaceutical compositions and use. 4,540,697, 9-10-85, Cl. 514-255.000.

Franke, Albrecht: *See—*

Ostersehlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, 4,514,413, Cl. 514-397.000.

Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, 4,544,562, Cl. 514-247.000.

Franke, Earnest A.; and Faulkenberry, Wayne J., to General Electric Company. Low power indicating circuit for a radio transmitter. 4,521,912, 6-4-85, Cl. 455-115.000.

Franke, Earnest A., to General Electric Company. Wide range reflective phase shifter/modulator. 4,524,336, 6-18-85, Cl. 332-16.00R.

Franke, Earnest A.: *See—*

Faulkenberry, Wayne J.; and Franke, Earnest A., 4,506,939, Cl. 339-17.00C.

Franke, Hans-Joachim: *See—*

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Stenz, Paul; Rubroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, 4,529,261, Cl. 339-272.00R.

Franke, Horst: *See—*

Damson, Eckard; Franke, Horst; Grob, Ferdinand; Moser, Winfried; and Muller, Klaus, 4,503,505, Cl. 364-431.080.

Franke, Joachim: *See—*

Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, 4,495,351, Cl. 544-234.000.

Franke, John M., Sr., to Singer Company, The. Driven work folder. 4,517,907, 5-21-85, Cl. 112-121.150.

Franke, John M., Sr., to Singer Company, The. Fabric clamping means for driven work folder. 4,553,745, 11-19-85, Cl. 270-45.000.

Franke, Kurt, to Siemens Aktiengesellschaft. X-ray diagnostic system for angiographic X-ray examinations. 4,504,858, 3-12-85, Cl. 358-111.000.

Franke, Ludwig: *See—*

Blume, Georg; and Franke, Ludwig, 4,491,294, Cl. 248-251.000.

Franke, Milton E.: *See—*

Harvell, John K.; and Franke, Milton E., 4,555,079, Cl. 244-207.000.

Franke, Paul W. U.; Glaser, Wolfgang; Gebhard, Georg R. U.; and Hein, Klaus R. G., to Rheinisch-Westfalisches Elektrizitatswerk Aktiengesellschaft. Method of removing sulfur dioxide and other toxic and noxious components from flue gases. 4,540,555, 9-10-85, Cl. 423-242.000.

Franke, Reimar: *See—*

Hug, Franz; Johler, Franz; and Franke, Reimar, 4,497,327, Cl. 130-27.00T.

Franke, Werner, to Hoechst Aktiengesellschaft. Electrophotographic material with cyanine sensitizer with betaine group. 4,562,134, 12-31-85, Cl. 430-83.000.

Frankefort, Arnold C., to Intermate B.V. Apparatus and method for opening and transporting a flat-folded tube of flexible material. 4,545,181, 10-8-85, Cl. 53-459.000.

Frankel, Arthur E.; Johnson, Larry J.; and Wennberg, Timothy J., to Cetus Corporation. Bi-directional liquid sample handling system. 4,555,957, 12-3-85, Cl. 73-864.140.

Frankel, Betty S. Lighted magnifying lens device. 4,540,239, 9-10-85, Cl. 350-235.000.

Frankel, Bruce: *See—*

Jerge, Charles R.; Frankel, Bruce; and Zoll, Karl, 4,541,992, Cl. 422-300.000.

Frankel, Milton B.; and Wilson, Edgar R., to Rockwell International Corporation. Tris(2-azidoethyl)amine and method of preparation thereof. 4,499,723, 2-19-85, Cl. 60-211.000.

Frankel, Milton B.; and Woolery, Dean O., II, to Rockwell International Corporation. 1-azidomethyl-3,5,7-trinitro-1,3,5,7-tetrazacyclooctane and synthesis thereof via azidation with acetyl azide. 4,534,895, 8-13-85, Cl. 260-239.0BC.

Frankel, Robert S.; and Herman, Alexander, to United States of America, Energy. Increasing capacity of baseband digital data communication networks. 4,512,025, 4-16-85, Cl. 375-36.000.

Frankenberg, Alfred A.; and Scott, Douglas R., to Robertshaw Controls Company. Exhaust system for an internal combustion engine, burn-off unit and methods therefor. 4,505,106, 3-19-85, Cl. 60-286.000.

Frankenberger, Horst: *See—*

Schwanbom, Erik; Frankenberger, Horst; and Baum, Marcel, 4,519,388, Cl. 128-204.250.

Frankenfeld, John W.; and Bruncati, Robert L., to Exxon Research & Engineering Co. Method for improving the stability of shale oil. 4,532,027, 7-30-85, Cl. 208-255.000.

Frankenfeld, Klaus; Ruschke, Peter; Brodt, Peter; and Eich, Gerhard, to Chemische Fabrik Budenheim. Removal of cadmium from acidic phosphatic solutions. 4,492,680, 1-8-85, Cl. 423-321.00S.

Frankfort, Eric J.; Kenney, George C., II; and McFarlane, Robert, to North American Philips Corporation. Apparatus for controlling the write beam in an optical data recording system. 4,562,567, 12-31-85, Cl. 369-106.000.

Frankhouser, Paul L., to Arrow International, Inc. Catheter shield. 4,515,592, 5-7-85, Cl. 604-163.000.

Frankiewicz, Jeffrey R.: *See—*

Heady, Robert E.; and Frankiewicz, Jeffrey R., 4,520,104, Cl. 435-160.000.

Lemme, Christopher J.; and Frankiewicz, Jeffrey R., 4,521,516, Cl. 435-253.000.

Frankl & Kirchner GmbH & Co.: *See—*

Lengsfeld, Karl; Link, Erich; and Erndt, Hans, 4,556,132, Cl. 192-12.0BA.

- Frankl & Kirchner GmbH & Co. KG Fabrik fur Elektromotoren u. elektrische Apparate: *See—*
  - Harry, Alan J., 4,550,814, Cl. 192-18.00B.
- Frankle, Gerhard; and Joppig, Peter, to Daimler-Benz Aktiengesellschaft. Cold-start assisting device for combustion engines. 4,522,164, 6-11-85, Cl. 123-180.00R.
- Franklin, Bernice E. Mask cleanser containing oatmeal, powdered milk, baking soda and honey. 4,548,728, 10-22-85, Cl. 252-174.140.
- Franklin, Boyd M.: *See—*
  - Burt, James G.; and Franklin, Boyd M., 4,531,951, Cl. 55-23.000.
- Franklin, Brian; and Mader, Karl-Heinz, to Schott Glass Technologies, Inc. Low expansion, alkali-free borosilicate glass suitable for photomask applications. 4,554,259, 11-19-85, Cl. 501-67.000.
- Franklin, Cecil, to Simmonds Precision Products, Inc. Pre-calibrated fuel quantity capacitive probe. 4,526,027, 7-2-85, Cl. 73-1.00H.
- Franklin, Duane R.; and Evans, Archibald D., to Lift-R Technologies, Inc. Energy-recycling scissors lift. 4,558,648, 12-17-85, Cl. 108-147.000.
- Franklin Electric Co., Inc.: *See—*
  - Streater, August L.; and Dwyer, Daniel T., 4,494,180, Cl. 363-37.000.
  - Weihsmann, Peter R., 4,491,330, Cl. 277-65.000.
- Franklin Institute, The: *See—*
  - Pytlewski, Louis L.; Krevitz, Kenneth; and Smith, Arthur B., 4,523,043, Cl. 568-840.000.
- Franklin, Kenneth W., to Bishopbarn Limited. Conveyor belt having vacuum system for retaining articles thereon. 4,555,013, 11-26-85, Cl. 198-689.100.
- Franklin, LeRoy H., to GA Technologies Inc. Current limiting apparatus. 4,516,182, 5-7-85, Cl. 361-13.000.
- Franklin, Lloyd C.: *See—*
  - Girard, Theodore A.; and Franklin, Lloyd C., 4,560,766, Cl. 548-311.000.
- Franklin, Marilyn L. Disposable torso covers. 4,543,668, 10-1-85, Cl. 2-48.000.
- Franklin, Michael L.; and Chen, Fang-Chung, to Hoffmann-La Roche Inc. Metered aerosol dispenser and method of using the dispenser. 4,506,803, 3-26-85, Cl. 222-1.000.
- Franklin, Paul R., Jr. Container CO_2 cooling system. 4,502,293, 3-5-85, Cl. 62-388.000.
- Franklin, Robert P., to Trans-World Manufacturing Corporation. Variable multi-bay display. 4,561,550, 12-31-85, Cl. 211-184.000.
- Franklin, Robert W.; and Briscoe, Peter F., to International Standard Electric Corporation. Method of manufacturing solid electrolytic capacitors. 4,494,299, 1-22-85, Cl. 29-570.000.
- Franklin Sports Industries, Inc.: *See—*
  - Chong, Hae C., 4,525,877, Cl. 2-161.00A.
- Franklin, Stanley, to Briar Neckwear, Inc. Tie construction. 4,506,389, 3-26-85, Cl. 2-144.000.
- Franks, Jeffrey L., to Prince Corporation. Electrical control system. 4,546,551, 10-15-85, Cl. 33-356.000.
- Franks, Joseph, to Ion Tech Limited. Thinning of specimens for examination under the electron microscope. 4,510,386, 4-9-85, Cl. 250-251.000.
- Franks, Larry A.: *See—*
  - Caldwell, John T.; Kunz, Walter E.; Cates, Michael R.; and Franks, Larry A., 4,497,768, Cl. 376-153.000.
- Franks, William S., Jr.; Randall, John M.; and Swift, Joseph A., to Xerox Corporation. Static eliminator. 4,553,191, 11-12-85, Cl. 361-212.000.
- Franks, William S., Jr.: *See—*
  - Billings, Philip A.; and Franks, William S., Jr., 4,494,166, Cl. 361-214.000.
- Frankus, Andrew: *See—*
  - Harbison, William H.; and Frankus, Andrew, 4,546,518, Cl. 15-250.230.
- Frano, Francis G.; and Ruehl, William E., to Illinois Tool Works Inc. Differential-vacuum alarm device. 4,520,748, 6-4-85, Cl. 116-70.000.
- FranRica Mfg. Inc.: *See—*
  - Rica, Albert F.; Davis, John C.; and Reiss, Ronald J., 4,494,363, Cl. 53-426.000.
- Franson, Ivan A.: *See—*
  - McCunn, Thomas H.; Ziemianski, John P.; and Franson, Ivan A., 4,545,826, Cl. 148-12.00E.
- Fransson, Rolf G.: *See—*
  - Hillstrom, Kennert E. G.; and Fransson, Rolf G., 4,534,631, Cl. 353-95.000.
  - Lundberg, Jan A.; and Fransson, Rolf G., 4,526,440, Cl. 350-257.000.
- Frant, Martin S., to Foxboro Company, The. Apparatus and method for determining the water content of a water-containing mixture. 4,504,790, 3-12-85, Cl. 324-439.000.
- Frantz, Gene A.; and Lin, Kun-Shan, to Texas Instruments Incorporated. Electronic apparatus from a host language. 4,507,750, 3-26-85, Cl. 364-900.000.
- Frantz, Keith R.; Barnes, Robert A.; and Marks, Bruce G., to RCA Corporation. Resonant degaussing without residual magnetism. 4,535,270, 8-13-85, Cl. 315-8.000.
- Frantz Medical Development Ltd.: *See—*
  - Bremer, Roger E.; Anthony, Charles, Jr.; and Chappel, Raymond M., 4,526,176, Cl. 128-641.000.
- Frantz, Robert A.: *See—*
  - Lech, Thaddeus, Jr.; and Frantz, Robert A., 4,548,302, Cl. 192-106.200.
- Frantz, Virgil L.; and Bowles, Robert W. Method and apparatus for indicating leakage in compressed air line. 4,513,604, 4-30-85, Cl. 73-39.000.
- Frantz, Virgil L., to Roanoke College. Precoalescer unit. 4,519,819, 5-28-85, Cl. 55-162.000.
- Frantz, Virgil L., to Roanoke College. Relay valve. 4,561,464, 12-31-85, Cl. 137-596.180.
- Franx, Cornelis, to U.S. Philips Corporation. Gas analysis apparatus. 4,545,889, 10-8-85, Cl. 204-406.000.
- Franz Buttner AG: *See—*
  - Hefti, Kurt; and Wirth, Stefan, 4,502,801, Cl. 400-208.000.
- Franz, Curtis A.: *See—*
  - Megna, Ignazio S.; and Franz, Curtis A., 4,556,703, Cl. 528-49.000.
- Franz, Dietmar: *See—*
  - Torggler, Norbert; and Franz, Dietmar, 4,497,976, Cl. 178-3.000.
- Franz, Edward W., to Celotex Corporation, The. Variable density board having improved thermal and acoustical properties and method and apparatus for producing same. 4,539,252, 9-3-85, Cl. 428-218.000.
- Franz Haas Waffelmaschinen Industriegesellschaft m.b.H.: *See—*
  - Haas, Franz, Sr.; Haas, Franz, Jr.; and Haas, Johann, 4,524,682, Cl. 99-477.000.
  - Haas, Franz, Sr.; Haas, Franz, Jr.; and Haas, Johann, 4,550,655, Cl. 99-450.400.
- Franz, Hans-Joachim; Sadler, Karl-Otto; and Schmidt, Willi, to Blohm & Voss AG. Ship with a piping system arranged on an inner deck. 4,561,372, 12-31-85, Cl. 114-74.00R.
- Franz, Helmut, to PPG Industries, Inc. Method for lowering the surface energy of glass. 4,529,657, 7-16-85, Cl. 428-410.000.
- Franz, Helmut: *See—*
  - Duffer, Paul F.; Kelly, Joseph D.; and Franz, Helmut, 4,529,648, Cl. 428-326.000.
  - Duffer, Paul F.; Franz, Helmut; and Kelly, Joseph D., 4,530,889, Cl. 428-326.000.
- Franz, Herbert, to Heinrich Kopp GmbH & Co. KG. Equipment protecting electrical circuit breaker. 4,559,510, 12-17-85, Cl. 335-13.000.
- Franz, Herbert: *See—*
  - Burba, Christian; and Franz, Herbert, 4,525,571, Cl. 528-111.000.
- Franz, James H., Jr.: *See—*
  - Roberts, Richard D.; Franz, James H., Jr.; Hoffman, Lester J.; and Miller, Lalan G., 4,516,059, Cl. 318-301.000.
- Franz, John E., to Monsanto Company. Esters of N-phosphonomethylglycine. 4,495,363, 1-22-85, Cl. 560-155.000.
- Franz, John E.; and Kaufman, Robert J., to Monsanto Company. Amide derivatives of N-trifluoroacetyl-N-phosphonomethylglycine, herbicidal compositions and use. 4,496,389, 1-29-85, Cl. 71-86.000.
- Franz, John E., to Monsanto Company. N-phosphonomethylglycine derivatives and use as herbicides. 4,505,736, 3-19-85, Cl. 71-76.000.
- Franz, John E.; and Kaufman, Robert J., to Monsanto Company. N(aminophosphinylmethyl) glycine derivatives. 4,545,804, 10-8-85, Cl. 71-86.000.
- Franz, John E.; and Zwikelmaier, Kurt E., to Monsanto Company. Bis-(alkoxy)tetrathiotricarboxylates and use as herbicides thereof. 4,556,415, 12-3-85, Cl. 71-100.000.
- Franz Kirsten Electrotechnische Spezialfabrik: *See—*
  - Grimm, Rainer; and Elfen, Adolf, 4,536,829, Cl. 362-74.000.
- Franz, Klaus-Dieter; Kieser, Manfred; and Stahlecker, Otto, to Merck Patent Gesellschaft mit beschrankter Haftung. Weathering-resistant pearlescent pigments. 4,544,415, 10-1-85, Cl. 106-288.00R.
- Franz, Klaus-Dieter: *See—*
  - Rau, Axel; and Franz, Klaus-Dieter, 4,545,821, Cl. 106-291.000.
- Franz Kuhlmann Prazisionsmechanik und Maschinenbau GmbH & Co. KG: *See—*
  - Jopt, Uwe; and Eder, Hans, 4,495,708, Cl. 33-438.000.
  - Otten, Heinrich, 4,520,573, Cl. 33-438.000.
- Franz, Leo J., to Leggett & Platt, Incorporated. Canopy for an upright display. 4,526,110, 7-2-85, Cl. 108-108.000.
- Franz, Michel R.; Vincze, Andreas B.; Lambelin, Georges E.; and Polat, Alain V., to Continental Pharma Inc. Method for the preparation of p-butoxyphenylacetyl-hydroxamic acid in the finely divided state and a composition containing this acid. 4,534,911, 8-13-85, Cl. 514-575.000.
- Franz, Michel R.: *See—*
  - Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.
- Franz Muller GmbH & Co.: *See—*
  - Vroomen, Albert, 4,532,683, Cl. 26-10.00C.
- Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H.: *See—*
  - Hansmann, Johann; and Fawcett, Frederick, 4,497,256, Cl. 104-11.000.
  - Hansmann, Johann; and Fawcett, Frederick, 4,528,912, Cl. 104-7.00R.
  - Theurer, Josef; and Hansmann, Johann, 4,490,947, Cl. 51-178.000.
  - Theurer, Josef, 4,497,255, Cl. 104-8.000.
  - Theurer, Josef; and Brunninger, Manfred, 4,502,389, Cl. 104-2.000.
  - Theurer, Josef; Folser, Karl; and Oellerer, Friedrich, 4,530,403, Cl. 171-16.000.
  - Theurer, Josef, 4,534,295, Cl. 104-7.00B.
  - Theurer, Josef; and Brunninger, Manfred, 4,534,415, Cl. 171-16.000.
  - Theurer, Josef, 4,534,689, Cl. 409-296.000.
  - Theurer, Josef, 4,537,135, Cl. 104-12.000.
  - Theurer, Josef; and Folser, Karl, 4,538,686, Cl. 171-16.000.
  - Theurer, Josef; and Brunninger, Manfred, 4,538,687, Cl. 171-16.000.
  - Theurer, Josef; and Brunninger, Manfred, 4,556,112, Cl. 171-16.000.

- Franz, Raimund: *See—*
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,431, Cl. 127-37.000.
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,432, Cl. 127-37.000.
- Franz, Reinhard; Dittmar, Wilfried; and Daubach, Gunter, to Franz, Reinhard. Function selector. 4,513,365, 4-23-85, Cl. 364-140.000.
- Franzel, John R.: *See—*
  - Reece, John M.; Martin, Robert G.; and Franzel, John R., 4,510,572, Cl. 364-489.000.
- Franzen, Bengt G.; and Herrmann, Wolfgang, to EKA AB. Method in the production of hydrogen peroxide. 4,503,028, 3-5-85, Cl. 423-588.000.
- Franzen, Bengt G., to EKA AB. Process of reducing the oxygen content in gas mixtures. 4,541,997, 9-17-85, Cl. 423-219.000.
- Franzen, Torsten A. H.: *See—*
  - Henriksson, Sven-Erik D.; Ahrel, Bo A.; Svensson, Claes G. S.; and Franzen, Torsten A. H., 4,537,655, Cl. 162-23.000.
- Franzetti, Gian Aldo: *See—*
  - Crutzen, Serge; Franzetti, Gian Aldo; and Battagin, Gian Piero, 4,530,241, Cl. 73-602.000.
- Franzino, Peter L. Hair curling spool holder. 4,508,124, 4-2-85, Cl. 132-41.00R.
- Franzischka, Wolfgang: *See—*
  - Rebafka, Walter; Heilen, Gerd; Halbritter, Klaus; and Franzischka, Wolfgang, 4,521,602, Cl. 546-184.000.
- Franzke, Jurgen, to Roscherwerke GmbH. Ham mold closing apparatus. 4,534,286, 8-13-85, Cl. 100-219.000.
- Franzmann, Rainer. Foot-controlled musical instrument. 4,491,050, 1-1-85, Cl. 84-1.010.
- Frappe, Pierre: *See—*
  - Mutschler, Ulrich; Caparros, Pierre; Mouterde, Pierre; and Frappe, Pierre, 4,526,210, Cl. 139-59.000.
- Frase, Dietmar; Eisenkolb, Roland; Kiener, Heinz; and Harant, Guter, to SKF Kugellagerfabriken GmbH. Sealed rolling element bearing. 4,526,485, 7-2-85, Cl. 384-486.000.
- Frase, Roland J.; and Bettin, Leonard A., to International Harvester Company. Rearwardly folding agricultural implement. 4,496,004, 1-29-85, Cl. 172-311.000.
- Fraser, Alexander G., to AT&T Bell Laboratories. Multiplexed first-in, first-out queues. 4,499,576, 2-12-85, Cl. 370-60.000.
- Fraser, Alexander G., to AT&T Bell Laboratories. First-in, first-out (FIFO) memory configuration for queue storage. 4,507,760, 3-26-85, Cl. 365-221.000.
- Fraser, Alexander G., to AT&T Bell Laboratories. Transmission of status report of equipment in a digital transmission network. 4,513,411, 4-23-85, Cl. 370-13.000.
- Fraser, Allister F.; and Alsbach, Walter G., to Hughes Aircraft Company; and International Telecommunications Satellite Organization. Solar cell array panel and method of manufacture. 4,542,257, 9-17-85, Cl. 136-251.000.
- Fraser, Gregory A.; and Raab, Simon, to Orthothronics Limited Partnership. Knee laxity evaluator and motion module/digitizer arrangement. 4,549,555, 10-29-85, Cl. 128-782.000.
- Fraser, Howard H., Jr.; and Anderson, George A., III, to Carrier Corporation. Mounting for a hermetic compressor. 4,511,314, 4-16-85, Cl. 417-363.000.
- Fraser, Kenneth D.: *See—*
  - Kuehnle, Manfred R.; Matkan, Josef; and Fraser, Kenneth D., 4,504,138, Cl. 355-10.000.
  - Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
  - Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,504,126, Cl. 350-469.000.
  - Weber, Harold J.; Kuehnle, Manfred R.; Fraser, Kenneth D.; and Lindblom, Kenneth A., 4,556,309, Cl. 355-3.0TR.
- Fraser-Reid, Bertram; and Pauls, Heinz W., to Research Corporation. Process for preparing α-L N-acetyl daunosaminide. 4,514,561, 4-30-85, Cl. 536-18.700.
- Fraser, Robert J., to Motorola, Inc. Tuning system for RF receiver. 4,528,698, 7-9-85, Cl. 455-319.000.
- Fraser-Smith, Elizabeth B.: *See—*
  - Eppstein, Deborah A.; Fraser-Smith, Elizabeth B.; and Matthews, Thomas R., 4,522,811, Cl. 514-2.000.
- Fraser, Teresa M.; and Stiles, David V., to Dresser Industries, Inc. Refractory fused chrome-alumina bricks and compositions made from a granular fused material and processes for their production. 4,544,643, 10-1-85, Cl. 501-127.000.
- Frass, Werner: *See—*
  - Berghaeuser, Gunter; Schell, Loni; and Frass, Werner, 4,530,897, Cl. 430-302.000.
- Frassanito, John R., to Sani-Fresh International, Inc. Dispenser and package for liquid or granular materials. 4,546,904, 10-15-85, Cl. 222-185.000.
- Fratelli Marzoli & C. S.P.A.: *See—*
  - Dragagna, Claudio; and Locatelli, Claudio, 4,493,131, Cl. 19-80.00R.
- Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, to Hoffmann-La Roche Inc. Phenoxy phenoxy propionic hydrazides. 4,526,609, 7-2-85, Cl. 71-118.000.
- Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, to Hoffmann-La Roche Inc. Oxime ester herbicides. 4,545,807, 10-8-85, Cl. 71-92.000.
- Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, to Hoffmann-La Roche Inc. Certain aryloxy-benzoyl sulfoximines having herbicidal activity. 4,556,413, 12-3-85, Cl. 71-94.000.
- Frater, John S.; and Pope, David W., to Joy Manufacturing Holdings Limited. Centrifugal slurry pump. 4,521,151, 6-4-85, Cl. 415-131.000.
- Fratta, Luigi: *See—*
  - Tobagi, Fouad A.; Fratta, Luigi; and Borgonovo, Flaminio, 4,503,533, Cl. 370-85.000.
- Fratta, Peter J. Cylindrical pin wrench. 4,517,864, 5-21-85, Cl. 81-436.000.
- Fratti, Franco. Heat conductive clothing material particularly useful in the field of thermal garments. 4,539,714, 9-10-85, Cl. 2-108.000.
- Frattolillo, Antonio P. A., to Fabriques de Tabac Reunies S.A. Rod-like smoking article with secondary air channels and apparatus for producing such an article. 4,498,487, 2-12-85, Cl. 131-336.000.
- Fratty, Hector: *See—*
  - Cibie, Pierre; Fratty, Hector; and Brun, Norbert, 4,530,042, Cl. 362-309.000.
- Frauenrath, Herbert: *See—*
  - Kraatz, Udo; Jager, Gerhard; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; Scharf, Hans-Dieter; and Frauenrath, Herbert, 4,559,355, Cl. 514-383.000.
- Fraunhofer-Gesellschaft: *See—*
  - Schmidt, Helmut; Kaiser, Alfred; and Scholze, Horst, 4,505,985, Cl. 428-447.000.
- Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V.: *See—*
  - Engel, Walter; and Heinisch, Herbert, 4,544,769, Cl. 564-242.000.
  - Jablonka, Dieter; Urban, Klaus; Raidt, Heinz-Peter; and Schepers, Eberhard, 4,555,433, Cl. 428-166.000.
  - Koschke, Peter; and Novak, Pavel, 4,494,411, Cl. 73-724.000.
  - Muller, Dietmar; Schubert, Hiltmar; and Krohnert, Rudolf, 4,493,630, Cl. 425-203.000.
  - Muller, Dietmar, 4,525,313, Cl. 264-3.00B.
  - Scheicher, Hans; Siegele, Dieter; and Soltesz, Uwe, 4,525,145, Cl. 433-173.000.
- Fravel, Harold G., Jr.; and Fazio, Michael J., to Dow Chemical Company, The. Processes for making thioalkyl carboxamides and amines. 4,539,416, 9-3-85, Cl. 549-496.000.
- Fravel, Harold G., Jr.: *See—*
  - Adaway, Timothy J.; Fravel, Harold G., Jr.; and Easterly, James P., Jr., 4,525,496, Cl. 523-337.000.
- Fraver S.A.: *See—*
  - Schaul, Jean-Paul, 4,541,337, Cl. 101-227.000.
- Fravolini, Arnaldo, to Mediolanum Farmaceutici s.r.l. Alkanolaminoxy derivatives of 3,4-dihydro-2H-1,4-benzothiazin-3-one, their production process, and their pharmaceutical use. 4,535,079, 8-13-85, Cl. 514-225.000.
- Frawley, Adrian J. Air admittance valve. 4,556,084, 12-3-85, Cl. 137-526.000.
- Frawley, Norman E., to Ball Corporation. Remote connect and disconnect assembly with energy isolation. 4,508,404, 4-2-85, Cl. 339-45.00M.
- Fraze, Ermal C.: *See—*
  - Bachmann, Henry C.; Brown, Omar L.; Fraze, Ermal C.; Gregg, James R.; and Wynn, David K., 4,561,280, Cl. 72-346.000.
  - Brown, Omar L.; Peters, Don B.; and Schubert, James R., 4,503,989, Cl. 220-269.000.
- Frazee, James S.; Kaiser, Carl; and Kruse, Lawrence I., to SmithKline Beckman Corporation. 1-benzyl-2-aminomethyl imidazole derivatives. 4,532,331, 7-30-85, Cl. 548-342.000.
- Frazee, Ralph E., Jr.; Myers, Daryl L.; and Smithgall, David H., Sr., to AT&T Technologies, Inc. Lightguide fiber spool changeover technique. 4,545,542, 10-8-85, Cl. 242-18.00A.
- Frazee, Ralph E., Jr.; and Smithgall, David H., Sr., to AT&T Technologies, Inc. Lightguide fiber spool changeover technique. 4,553,706, 11-19-85, Cl. 242-18.00A.
- Frazer, Alson C., to Ford Aerospace & Communications Corporation. Passive auto-erecting alignment wings for long rod penetrator. 4,523,728, 6-18-85, Cl. 244-3.290.
- Frazer, Benjamin F., to Dyneer Corporation. Balanced pulley construction. 4,522,612, 6-11-85, Cl. 474-168.000.
- Frazer, Hugh I., to Ifield Engineering Pty. Limited. Self regulating hydrostatic pad bearings. 4,540,221, 9-10-85, Cl. 308-5.00R.
- Frazer, Hugh I., to Ifield Engineering Pty. Limited. Precompression valve for hydraulic pumps. 4,540,345, 9-10-85, Cl. 417-269.000.
- Frazer, John M., to Taylor Freezer Company. Pump type dispenser for heat softenable food products. 4,544,085, 10-1-85, Cl. 222-146.400.
- Frazier, Charles, to American Cyanamid Company. Disinfectant spray cleanser containing glycol ethers. 4,540,505, 9-10-85, Cl. 252-106.000.
- Frazier, Donald; Daniels, J. Hartley; and Clapp, Daniel W., to Frazier, Donald. Cantilever rack construction. 4,519,512, 5-28-85, Cl. 211-193.000.
- Frazier, Estill G.; and Kiger, William P., Jr., to Kayser-Roth Hosiery, Inc. Apparatus and method for processing hosiery blanks. 4,538,534, 9-3-85, Cl. 112-262.200.
- Frazier, Kevin A.: *See—*
  - Renga, James M.; Periana-Pillai, Roy A.; and Frazier, Kevin A., 4,554,372, Cl. 560-161.000.
- Frazier Precision Instrument Company, Inc.: *See—*
  - Layer, Howard P., 4,541,496, Cl. 177-211.000.
  - Scrivener, Thomas F.; and Schoonover, Randall M., 4,523,653, Cl. 177-147.000.

Frazier, Richard V., Jr.: *See—*

Spratt, Brendan J.; Pryor, David J.; Jones, James B., Jr.; Davis, Dennis W.; and Frazier, Richard V., Jr., 4,554,547, Cl. 343-7.300.

Frazier, Stephen E., to General Time Corp. Air treatment filter element and air treatment filter. 4,534,775, 8-13-85, Cl. 55-74.000.

Frazier, Terry L.; Grimm, Henry J.; Rooney, John F.; Allen, Richard S.; Brown, Alfred; and Mims, Donald S., to Texaco Inc. Method for predicting workovers and shut-ins from analyzing the annulus effluent of a well. 4,501,325, 2-26-85, Cl. 166-250.000.

Frazier, Terry L.: *See—*

Mims, Donald S.; and Frazier, Terry L., 4,542,993, Cl. 374-42.000.

Frazita, Richard F., to Hazeltine Corporation. Calibration of a system having plural signal-carrying channels. 4,520,361, 5-28-85, Cl. 343-372.000.

Frazita, Richard F., to Hazeltine Corporation. Scanning antenna with automatic beam stabilization. 4,536,766, 8-20-85, Cl. 343-372.000.

Frazita, Richard F., to Hazeltine Corporation. Asymmetric resonant waveguide aperture manifold. 4,554,551, 11-19-85, Cl. 343-771.000.

Freake, Ronald: *See—*

Mennen, Frederick C.; and Freake, Ronald, 4,562,043, Cl. 422-56.000.

Frear, David L.: *See—*

Gallusser, David O.; and Frear, David L., 4,527,851, Cl. 339-94.00M.

Gallusser, David O.; and Frear, David L., 4,548,458, Cl. 339-89.00R.

Frear, Lawrence, to Spiral Drilling Systems, Inc. Drill-bit with full offset cutter bodies. 4,552,232, 11-12-85, Cl. 175-337.000.

Frech, Alfred, to Robert Bosch GmbH. Hand plane, in particular a hand plane machine designed as an electric hand tool machine. 4,555,850, 12-3-85, Cl. 30-490.000.

Frech, Alfred: *See—*

Berger, Gunther; and Frech, Alfred, 4,557,305, Cl. 144-230.000.

Frech, Karl: *See—*

Tolle, Hans; Frech, Karl; and Ludke, Hartmut, 4,560,586, Cl. 427-134.000.

Frechet, Jean M. J.: *See—*

Ito, Hiroshi; Willson, Carlton G.; and Frechet, Jean M. J., 4,491,628, Cl. 430-176.000.

Frechtmann, Jean. Mosaic style artwork. 4,528,227, 7-9-85, Cl. 428-49.000.

Fred Silver & Company, Inc.: *See—*

Silver, Frederick, 4,556,299, Cl. 350-603.000.

Fred Vatter Strumpffabriken Schongau-Altenstadt GmbH: *See—*

Hacker, Wolfgang, 4,561,266, Cl. 66-51.000.

Fredd, Elmer H.: *See—*

Kravitz, Marvin; Freedman, Larry A.; Fredd, Elmer H.; and Denef, Dan E., 4,495,520, Cl. 358-219.000.

Fredd, John V., to Otis Engineering Corporation. Valve. 4,537,383, 8-27-85, Cl. 251-58.000.

Fredenhagen KG: *See—*

Kupczyk, Werner, 4,548,135, Cl. 104-135.000.

Frederick, Bruce A., to Advanced Micro Devices, Inc. MOS depletion load circuit. 4,516,225, 5-7-85, Cl. 365-203.000.

Frederick, Charles V. Air conveyor for particulate material. 4,508,474, 4-2-85, Cl. 406-88.000.

Frederick, Edward C.: *See—*

Derderian, Thomas; Frederick, Edward C.; and Gross, Alexander L., 4,535,553, Cl. 36-28.000.

Frederick, Gary S.: *See—*

Conn, Andrew F.; Lindenmuth, William T.; and Frederick, Gary S., 4,508,577, Cl. 134-1.000.

Frederick, J. Robert. Tuning device for string instruments. 4,528,887, 7-16-85, Cl. 84-306.000.

Frederick, John C., to Pirelli Cable Corporation. Apparatus for maintaining level of liquid-gas interface in a vulcanizing tube. 4,533,306, 8-6-85, Cl. 425-71.000.

Frederick, Larry J. Traversing blade-rotary propeller. 4,509,899, 4-9-85, Cl. 416-99.000.

Frederick Manufacturing Company: *See—*

VanDerLinden, Roy E.; and Francis, John H., 4,515,028, Cl. 74-191.000.

Frederick, Russell A. Corner panel assembly. 4,536,995, 8-27-85, Cl. 52-27.000.

Frederick, Stanley H., to International Telephone and Telegraph Corporation. Swimming pool filtering system. 4,545,906, 10-8-85, Cl. 210-138.000.

Frederick, Warren P.: *See—*

Rudzena, William L.; Frederick, Warren P.; and Stone, Albert, 4,504,265, Cl. 604-86.000.

Fredericks, Ronald D., Jr.: *See—*

Young, Randall S.; and Fredericks, Ronald D., Jr., 4,510,072, Cl. 252-380.000.

Fredette, Maurice C. J.: *See—*

Rapson, W. Howard; and Fredette, Maurice C. J., 4,534,952, Cl. 423-478.000.

Fredin, Bo, to AB Asea-Atom. Fuel assembly having water passageway in channel wall. 4,526,746, 7-2-85, Cl. 376-444.000.

Fredley, C. Thomas. Brush cleaner and artist's kit. 4,494,267, 1-22-85, Cl. 15-104.920.

Fredrick, Alan T.: *See—*

Haffer, John J.; and Fredrick, Alan T., 4,503,935, Cl. 187-9.00E.

Fredrick, Michael Douglas: *See—*

Lovitt, Robert O., 4,498,421, Cl. 119-17.000.

Fredrickson, James C.; Noga, Patricia J.; and Strasek, Frank M. Foot appliance. 4,495,715, 1-29-85, Cl. 36-113.000.

Fredrickson, Lee R.; Cascini, Michael R.; and Mosier, Donald E., to Rockwell International Corporation. Multicolored liquid crystal displays utilizing photoluminescent transflectors and mask. 4,518,225, 5-21-85, Cl. 350-338.000.

Fredriksen, Nils, to Claas OHG. Hydraulic-mechanical transmission system having output branches. 4,491,034, 1-1-85, Cl. 74-687.000.

Fredriksen, Peter A.: *See—*

Bauer, Martin W.; Thys, Carl J.; Fredriksen, Peter A.; Robin, David J.; and Schaar, Richard J., 4,562,595, Cl. 455-345.000.

Fredriksson, Boris: *See—*

Carlsson, Valdemar; and Fredriksson, Boris, 4,494,758, Cl. 277-14.00V.

Fredriksson, Hasse; and Tiberg, Lars, to Jernkontoret. Method of preventing formation of segregations during continuous casting. 4,493,363, 1-15-85, Cl. 164-476.000.

Fredriksson, Hasse; and Tiberg, Lars, to Jernkontoret. Method of preventing formation of segregations during continuous casting. 4,519,439, 5-28-85, Cl. 164-476.000.

Fredriksson, Lars O. A., to K A Bergs Smide AB. Connection means, particularly for a suspended load. 4,530,534, 7-23-85, Cl. 294-82.110.

Fredrixon, Benny, to Ilsbo Industrier AB. Top structure. 4,561,262, 12-31-85, Cl. 62-62.000.

Free, David F. Photographic mounting process and composition. 4,528,233, 7-9-85, Cl. 428-205.000.

Free, Michael J., to PIACT. IUD package. 4,549,652, 10-29-85, Cl. 206-363.000.

Free Motion Designs Corporation: *See—*

De-La-Concha-Caceres, Alfonso, 4,535,983, Cl. 272-6.000.

Freeauf, Robert F. Dwelling structure. 4,499,696, 2-19-85, Cl. 52-79.800.

Freebersyser, Steven R.: *See—*

Loncrini, Donald F.; Haag, Thomas E.; and Freebersyser, Steven R., 4,496,576, Cl. 514-389.000.

Freebery, Joseph J. Apparatus for removal of paving material. 4,516,896, 5-14-85, Cl. 414-740.000.

Freeborn, John C.: *See—*

Boyer, Don S.; and Freeborn, John C., 4,514,176, Cl. 434-224.000.

Freeburg, Thomas A.; and Krebs, Jay, to Motorola, Inc. Method and apparatus for coding messages communicated between a primary station and remote stations of a data communications system. 4,517,669, 5-14-85, Cl. 370-82.000.

Freeburg, Thomas A., to Motorola, Inc. Zoned data communications system for communicating message signals between portable radios and a host computer. 4,525,861, 6-25-85, Cl. 455-33.000.

Freeburg, Thomas A., to Motorola, Inc. Portable radio for a zoned data communications system communicating message signals between portable radios and a host computer. 4,545,071, 10-1-85, Cl. 455-33.000.

Freeburg, Thomas A., to Motorola, Inc. Method and apparatus for dynamically selecting transmitters for communications between a primary station and remote stations of a data communications system. 4,550,443, 10-29-85, Cl. 455-33.000.

Freeburg, Thomas A.: *See—*

Krebs, Jay; and Freeburg, Thomas A., 4,519,068, Cl. 370-82.000.

Freed, Clarence L.: *See—*

Esterling, Robert J.; Freed, Clarence L.; Weiss, Edward L.; and Korowitz, Simon, 4,528,675, Cl. 375-9.000.

Freed, Lawrence H.: *See—*

Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, 4,505,943, Cl. 426-565.000.

Freed, Meier E.; and Abou-Gharbia, Magid A., to American Home Products Corporation. Benzocycloalkane amines. 4,540,806, 9-10-85, Cl. 560-139.000.

Freed, Meier E.; and Abou-Gharbia, Magid A., to American Home Products Corporation. Substituted bi-alicyclic imides. 4,562,255, 12-31-85, Cl. 544-357.000.

Freed, Meier E.: *See—*

Abou-Gharbia, Magid A.; Freed, Meier E.; and Colatsky, Thomas J., 4,546,193, Cl. 548-448.000.

Freed, Melvyn N. Pryer-plier tool. 4,539,873, 9-10-85, Cl. 81-311.000.

Freedenthal, Carol B.; Meyers, Marion D.; and Stoner, Graham A., to Kocide Chemical Corporation. Copper based algaecides and aquatic herbicides. 4,505,734, 3-19-85, Cl. 71-67.000.

Freedman, Harold H., to Dow Chemical Company, The. Crosslinked gelatin foams. 4,530,905, 7-23-85, Cl. 435-177.000.

Freedman, Larry A.: *See—*

Kravitz, Marvin; Freedman, Larry A.; Fredd, Elmer H.; and Denef, Dan E., 4,495,520, Cl. 358-219.000.

Freedman, Melvin S.; and Hartman, Paul H., to Avery International Corporation. Releasable closure for bags and containers. 4,543,139, 9-24-85, Cl. 156-152.000.

Freedman, Phillip A.: *See—*

Barrie, Andrew; and Freedman, Phillip A., 4,495,414, Cl. 250-288.000.

Freedom Industries, Inc.: *See—*

Schott, Roger A.; and Schott, Lawrence A., 4,559,516, Cl. 340-73.000.

Freeland, John A.; and Freeland, Robert D. Combination bearing removal and installation tool. 4,509,241, 4-9-85, Cl. 29-263.000.

Freeland, Robert D.: *See—*

Freeland, John A.; and Freeland, Robert D., 4,509,241, Cl. 29-263.000.

Freeland, Verne L. Built-in child's safety seat for vehicles. 4,555,135, 11-26-85, Cl. 297-105.000.

Freeland, Warwick P., to W. A. Deutsher Proprietary Limited. Closure cap having integrated fastening means. 4,516,688, 5-14-85, Cl. 220-293.000.

Freeman, Albert J. Seismic actuation system. 4,528,559, 7-9-85, Cl. 340-690.000.

Freeman, Barrie A., to Ciba-Geigy AG. Method and apparatus for preparating liquid mixtures. 4,506,986, 3-26-85, Cl. 366-142.000.

Freeman Chemical Corporation: *See—*

Cordts, Howard P.; and Karloske, Joan E., 4,517,326, Cl. 524-310.000.

Freeman, Christopher: *See—*

Barry, Brian; and Freeman, Christopher, 4,531,362, Cl. 60-226.100.

Freeman, D. Bruce; Kesse, Bernard G.; and Thiel, Philip P., to Louis G. Freeman Company, The. Apparatus for applying thermoplastic adhesive to flexible die-cut parts. 4,523,541, 6-18-85, Cl. 118-202.000.

Freeman, David L.; and Bush, Darrell C., to Core Laboratories, Inc. Method and apparatus for nonsteady state testing of permeability. 4,555,934, 12-3-85, Cl. 73-38.000.

Freeman, Delbert. Anti-intrusion skylight blind. 4,505,069, 3-19-85, Cl. 49-64.000.

Freeman, Douglas A.: *See—*

Benson, John; Hanel, Harold L.; and Freeman, Douglas A., 4,492,329, Cl. 227-10.000.

Freeman, Earl R.: *See—*

Sweatman, Ronald E.; Freeman, Earl R.; Gottschling, John; and Simon, John, 4,512,405, Cl. 166-278.000.

Freeman, Eben W., to Scott Paper Company. Method and apparatus for surface replication on a coated sheet material. 4,560,578, 12-24-85, Cl. 427-44.000.

Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., to RCA Corporation. Disc record with tapered groove. 4,525,751, 6-25-85, Cl. 358-342.000.

Freeman, Eva C.; and Baird, Donald H., to GTE Automatic Electric Laboratories Incorporated. Method for making thin film electroluminescent rare earth activated zinc sulfide phosphors. 4,508,610, 4-2-85, Cl. 204-192.00P.

Freeman, Frank M.: *See—*

Doyle, Arthur; and Freeman, Frank M., 4,551,490, Cl. 524-22.000.

Pawelchak, John M.; and Freeman, Frank M., 4,538,603, Cl. 128-156.000.

Freeman, Frederick O., to Champion Spark Plug Company. Mounting platform. 4,561,624, 12-31-85, Cl. 248-639.000.

Freeman, Gary T.; Maxner, Richard B.; and Nash, Thomas F., to USM Corporation. Automatic board handling mechanism. 4,558,983, 12-17-85, Cl. 414-331.000.

Freeman, Gerald C., to Pitney Bowes Inc. Adjustable inclined plane downstop for a load cell. 4,540,057, 9-10-85, Cl. 177-154.000.

Freeman, Gerald L.: *See—*

Hager, Adolph G.; Freeman, Gerald L.; Rush, James P.; Branovich, Louis E.; and DuBuske, Stanley, 4,494,003, Cl. 250-474.100.

Freeman, Gerard L.: *See—*

Branovich, Louis E.; Smith, Bernard; and Freeman, Gerard L., 4,544,535, Cl. 423-290.000.

Freeman, Helen M., executrix: *See—*

Freeman, Mark P., deceased, 4,552,019, Cl. 73-584.000.

Freeman, Ian B.: *See—*

Rooney, John O.; and Freeman, Ian B., 4,492,992, Cl. 360-73.000.

Freeman, John W., to Seaboard Wellhead Control, Inc. Seal assembly and valve. 4,519,582, 5-28-85, Cl. 251-328.000.

Freeman, Joseph W.; Kraft, Wayne R.; Kurtz, Hobart L.; and Magrisso, Israel B., to International Business Machines Corporation. Self-testing facilities of off-chip drivers for processor and the like. 4,558,447, 12-10-85, Cl. 371-71.000.

Freeman, Kenneth A.: *See—*

Townson, Jimmy D., 4,493,380, Cl. 175-61.000.

Freeman, LeRoy M.: *See—*

Devitt, Charles J.; Freeman, LeRoy M.; and Slater, Saul I., 4,556,863, Cl. 340-81.00R.

Freeman, Mark P., deceased (by Freeman, Helen M., executrix), to Dorr-Oliver Incorporated. Method and apparatus for measuring a colloidal potential. 4,552,019, 11-12-85, Cl. 73-584.000.

Freeman, Martin; and Levy, Leon S., to AT&T Bell Laboratories. Parallel text matching methods and apparatus. 4,550,436, 10-29-85, Cl. 382-34.000.

Freeman, Michael J. One way interactive multisubscriber communication system. 4,507,680, 3-26-85, Cl. 358-86.000.

Freeman, Norman H.: *See—*

Hammond, Leslie A.; and Freeman, Norman H., 4,510,856, Cl. 99-457.000.

Freeman, Raymond C.; Gumb, Beverley W. T.; and Busche, Alan C., to Northern Telecom Limited. Dynamic telephone receiver with magnetic shunt. 4,529,846, 7-16-85, Cl. 179-115.50R.

Freeman, Reginald E.; and Berry, Alan J., to Dowty Mining Equipment Limited. Self-advancing support and control means therefor. 4,491,441, 1-1-85, Cl. 405-294.000.

Freeman, Robert D., to Westinghouse Electric Corp. Method of counting multiple targets in the post detection processing of a radar. 4,536,764, 8-20-85, Cl. 343-5.0SA.

Freeman, Roger K.: *See—*

Boyle, Gerard H.; Freeman, Roger K.; and Goebel, Franz, 4,535,038, Cl. 429-154.000.

Freeman, Sandra D. Display box assembly. 4,530,685, 7-23-85, Cl. 493-151.000.

Freeman, Tommie A., to Halliburton Company. Plug assembly for offshore platforms. 4,549,580, 10-29-85, Cl. 138-89.000.

Freeman, Walter. Aviator eyeglasses. 4,511,226, 4-16-85, Cl. 351-57.000.

Freeman, William T., to Polaroid Corporation. Photographic camera with electronic image enhancement. 4,541,704, 9-17-85, Cl. 354-432.000.

Freeman, William T.: *See—*

d'Entremont, Alice M.; and Freeman, William T., 4,536,848, Cl. 364-526.000.

Freeman, Willie B.; and Span, Richard M., to Westinghouse Electric Corp. Pneumatic operating mechanism for a circuit breaker. 4,531,031, 7-23-85, Cl. 200-82.00B.

Freenor, Francis J., III: *See—*

Luo, Tatao; Russo, Louis; and Freenor, Francis J., III, 4,534,786, Cl. 71-88.000.

Freeny, Charles C., Jr., to FPDC, Inc. System for reproducing information in material objects at a point of sale location. 4,528,643, 7-9-85, Cl. 364-900.000.

Freeny, Charles C., Jr., to Power Technology Partners, Ltd. Voltage regulator system using magnetic controllers. 4,532,582, 7-30-85, Cl. 363-90.000.

Freeny, Charles C., Jr., to Power Technology Partners, Ltd. System for utilizing existing motors with output shafts for driving blades. 4,539,483, 9-3-85, Cl. 290-1.00R.

Freeny, Charles C., Jr.; and Rabin, Ronald J., to Power Technology Partners, Ltd. Electronic ammunition for simulating live ammunition detonation. 4,561,848, 12-31-85, Cl. 434-18.000.

Freeouf, John L.; and Jackson, Thomas N., to International Business Machines Corporation. Heater assembly for molecular beam epitaxy furnace. 4,518,846, 5-21-85, Cl. 219-271.000.

Freepons, Donald E., to Melamine Chemicals, Inc. Fertilizer processes and compositions using s-triazines. 4,554,003, 11-19-85, Cl. 71-28.000.

Freepons, Donald E., to Melamine Chemicals, Inc. Fertilizer processes and compositions using s-triazines. 4,559,075, 12-17-85, Cl. 71-28.000.

Freepons, Donald E.: *See—*

Allan, G. Graham; Freepons, Donald E.; and Crews, George M., 4,560,400, Cl. 71-29.000.

Freeport Kaolin Company: *See—*

Young, Raymond H.; Morris, Horton H.; and Brooks, Robert L., 4,492,628, Cl. 209-5.000.

Young, Raymond H., 4,501,658, Cl. 209-5.000.

Freeport Minerals Company: *See—*

Wiewiorowski, Tadeusz; and Mollere, Phillip D., 4,510,027, Cl. 204-110.000.

Freerks, Conrad T., to Minnesota Mining and Manufacturing Company. Wet surface treating device and element therefor. 4,523,411, 6-18-85, Cl. 51-170.0MT.

Freerksen, Robert W., to Du Pont de Nemours, E. I., and Company. Herbicidal ortho-(alkoxy)-benzenesulfonamides. 4,500,344, 2-19-85, Cl. 71-93.000.

Freermann, Johannes, to Carl Schmale GmbH & Co. KG. Stitching assembly for selvedging machine. 4,509,440, 4-9-85, Cl. 112-153.000.

Freermann, Johannes, to Carl Schmale GmbH & Co. KG. Apparatus for applying ribbon strips to a textile fabric. 4,548,141, 10-22-85, Cl. 112-113.000.

Frees, David: *See—*

Schwartz, Edwin; and Frees, David, 4,537,216, Cl. 137-514.000.

Frees, Kenneth A.: *See—*

Cavin, J. N.; and Frees, Kenneth A., 4,516,905, Cl. 414-620.000.

Freese, Edward O.: *See—*

Hampel, Lawrence E.; and Freese, Edward O., 4,516,790, Cl. 280-502.000.

Freese, John L.: *See—*

Mitchell, William A.; Thompson, J. Brent; and Freese, John L., 4,519,734, Cl. 409-231.000.

Freese, Karl-Heinz; and Munch, Hans-Jurgen, to Akzo N.V. Aqueous coating composition based on a cationic amino urea resin, process for applying and baking the composition and the coated substrate thus obtained. 4,536,525, 8-20-85, Cl. 523-414.000.

Freese, Robert P.: *See—*

Robbins, William B.; Willson, Richard F.; and Freese, Robert P., 4,539,572, Cl. 346-135.100.

Freese, Uwe E.: *See—*

Goepp, Robert A.; Freese, Uwe E.; and Loeb, Marvin P., 4,517,970, Cl. 128-131.000.

Goepp, Robert A.; and Freese, Uwe E., 4,543,949, Cl. 128-127.000.

Freewalt, Wayne L.; and Ziegler, Joseph L., to E-Z Buck, Inc. Sawhorse and bracket therefor. 4,508,194, 4-2-85, Cl. 182-153.000.

Fregeolle, Gerald P.: *See—*

Bush, Thomas J.; Dellinger, Charles L.; and Fregeolle, Gerald P., 4,534,109, Cl. 30-260.000.

Frehaut, Joel; and Roche, Michel, to Commissariat a l'Energie Atomique. Coaxial miniature magnetic spectrometer. 4,514,628, 4-30-85, Cl. 250-299.000.

Frehel, Daniel; Maffrand, Jean-Pierre; and Vallee, Eric, to Sanofi. Thieno-pyridinone derivatives, process for its preparation, and anti-blood-platelet and anti-thrombotic applications thereof. 4,500,534, 2-19-85, Cl. 514-301.000.

Frehel, Daniel; and Maffrand, Jean-Pierre, to Sanofi. 4-acyl-2,6-dioxo-1-phenethyl piperazines. 4,523,013, 6-11-85, Cl. 544-385.000.

Frehel, Daniel: *See—*

Maffrand, Jean-Pierre; and Frehel, Daniel, 4,496,568, Cl. 514-301.000.

Frehn, John L. Telephone sanitary cover. 4,546,217, 10-8-85, Cl. 179-185.000.

Frei, Karl, to Telsonic AG fur Elektronische Entwicklung und Fabrikation. Apparatus for generating and radiating ultrasonic energy. 4,537,511, 8-27-85, Cl. 366-127.000.

- Frei, Max, to Schenker Maschinen AG. Spring coiling machine. 4,509,352, 4-9-85, Cl. 72-138.000.
- Frei, Siegfried; and Koch, Jakob, to Cantec, Inc.; and Gebrueder Hoffmann AG, a part interest. Strengthened can bodies of thin-walled metal. 4,512,490, 4-23-85, Cl. 220-72.000.
- Frei, Siegfried, to Cantec, Inc. Cans formed of thin-walled material and apparatus for forming precise fine beads therein. 4,538,439, 9-3-85, Cl. 72-105.000.
- Frei, Theo: *See—*
  - Haenni, Eduard; Frei, Theo; and Hug, Peter, 4,515,050, Cl. 83-71.000.
  - Haenni, Eduard; and Frei, Theo, 4,552,002, Cl. 72-19.000.
  - Ragettli, Christian; and Frei, Theo, 4,557,135, Cl. 72-420.000.
- Freiberger, Rolf: *See—*
  - Fink, Hans-Ferdi; Koerner, Gotz; and Freiberger, Rolf, 4,501,616, Cl. 106-38.220.
- Freidinger, Roger M., to Merck & Co., Inc. Chiral, N-protected, N-substituted α-amino acids. 4,535,167, 8-13-85, Cl. 548-344.000.
- Freidinger, Roger M.: *See—*
  - Bock, Mark G.; and Freidinger, Roger M., 4,554,272, Cl. 514-219.000.
  - Bock, Mark G.; Freidinger, Roger M.; and Evans, Ben E., 4,559,338, Cl. 514-219.000.
  - Bock, Mark G.; Freidinger, Roger M.; and Evans, Ben E., 4,559,339, Cl. 514-219.000.
  - Veber, Daniel F.; and Freidinger, Roger M., 4,493,934, Cl. 548-550.000.
- Freier, Hans-Joachim: *See—*
  - Fuhr, Karl; and Freier, Hans-Joachim, 4,528,307, Cl. 523-440.000.
- Freige, Diab E.; Lockwood, John J.; Ramsay, Michael; and Keely, Leroy B., to Convergent Technologies, Inc. Modular power supply system. 4,538,073, 8-27-85, Cl. 307-33.000.
- Freilich, Alfred: *See—*
  - Bose, Debasis; and Freilich, Alfred, 4,543,135, Cl. 148-403.000.
- Freimuth, Claus: *See—*
  - Fischer, Alfred; Freimuth, Claus; Gerlach, Roland; and Siefert, Gerhard, 4,558,985, Cl. 415-74.000.
- Freis, Jean-Louis: *See—*
  - Oger, Jacques; Hauer, Jean-Claude; and Freis, Jean-Louis, 4,499,695, Cl. 52-19.000.
- Freis, Richard E.; Maloney, James E.; and Oakes, Thomas R., to Economics Laboratory, Inc. Methods of deinking secondary fibers. 4,518,459, 5-21-85, Cl. 162-5.000.
- Freise, Werner, to Siemens Aktiengesellschaft. Motor/generator operating on the reluctance principle. 4,550,280, 10-29-85, Cl. 318-701.000.
- Freitag, Dieter; Bottenbruch, Ludwig; and Schmidt, Manfred, to Bayer Aktiengesellschaft. Aromatic polyester carbonates having a high notched impact strength and a process for the production thereof. 4,533,702, 8-6-85, Cl. 525-439.000.
- Freitag, Dieter: *See—*
  - Schmidt, Manfred; Bottenbruch, Ludwig; and Freitag, Dieter, 4,508,890, Cl. 528-167.000.
  - Serini, Volker; Schulte, Bernhard; Block, Hans-Dieter; and Freitag, Dieter, 4,491,656, Cl. 528-167.000.
- Freitag, Gary T.; and Smith, Roger C., to Reed Rock Bit Company. Bit breaker. 4,495,840, 1-29-85, Cl. 81-54.000.
- Freitag, Hans-Albrecht: *See—*
  - Kopp, Richard; and Freitag, Hans-Albrecht, 4,510,269, Cl. 521-166.000.
- Freitag, Ludwig W.: *See—*
  - Hirsch, John L.; and Freitag, Ludwig W., 4,492,608, Cl. 156-467.000.
- Freitag, Lutz; Wendt, Michael; and Dankwart, Franz J., to Dragerwerk Aktiengesellschaft. Method and apparatus for controlling a pressure level in a respirator. 4,520,812, 6-4-85, Cl. 128-204.250.
- Freitag, Otto W., to Ford Motor Company. Dimensional checking tool. 4,554,742, 11-26-85, Cl. 33-143.00L.
- Freitag, Ronald G.; Degenford, James E.; and Boire, Daniel C., to Westinghouse Electric Corp. Composite amplifier with divider/combiner. 4,547,745, 10-15-85, Cl. 330-286.000.
- Freitag, Wolfgang. Plug connector for co-axial electrical cables. 4,509,816, 4-9-85, Cl. 339-177.00R.
- Freitas, Ayres: *See—*
  - Waas, Heinrich; Freitas, Ayres; Schultz, Jurgen; and Varges, Gunter, 4,506,617, Cl. 114-41.000.
- Freland, Jean-Claude: *See—*
  - Batard, Denis; Freland, Jean-Claude; Wallez, Bernard; Desffains, Jean Paul; and Valle, Roger, 4,559,933, Cl. 128-78.000.
- Freliech, Robert A., to Carrier Corporation. Contact monitor-annunciator. 4,558,306, 12-10-85, Cl. 340-520.000.
- Freling, Martin, to Meyer Label Co., Inc. Composite decorative arrangement with dual adhesive characteristics. 4,535,018, 8-13-85, Cl. 428-79.000.
- Freller, Helmut; Horauf, Friedrich; Lorenz, Hans-Peter; and Mund, Konrad, to Siemens Aktiengesellschaft. Electrochromic display cell I. 4,508,430, 4-2-85, Cl. 350-351.000.
- Freller, Helmut; and Mund, Konrad, to Siemens Aktiengesellschaft. Electrochromic display cell II. 4,508,432, 4-2-85, Cl. 350-357.000.
- Freller, Helmut; Hassler, Heinrich; Schack, Peter; and Schultz, Ludwig, to Siemens Aktiengesellschaft. Layer system for opto-electronic displays. 4,532,174, 7-30-85, Cl. 428-215.000.
- Fremont, Joseph M., to Du Pont de Nemours, E. I., and Company. Agglomerates of malachite crystals and method for their preparation. 4,536,491, 8-20-85, Cl. 502-174.000.
- French, Alan. Earphone assembly. 4,538,034, 8-27-85, Cl. 179-182.00R.
- French, Albert G.; and Eagles, Brian A., to Coal Industry (Patents) Limited. Fluid supply system for rotary cutter heads for mining equipment and to mining machines comprising rotary cutter heads having fluid supply systems. 4,533,180, 8-6-85, Cl. 299-1.000.
- French, Albert G.: *See—*
  - Eagles, Brian A.; and French, Albert G., 4,521,058, Cl. 299-81.000.
- French, Charles R.: *See—*
  - Wiechel, John F.; French, Charles R.; and Hall, Wilbur L., 4,494,605, Cl. 166-288.000.
- French, David: *See—*
  - Ring, John; French, David; Hickling, Michael; and Sturgess, Michael G., 4,508,765, Cl. 427-386.000.
- French, David W.: *See—*
  - Martin, William W., Jr.; and French, David W., 4,522,578, Cl. 425-110.000.
- French, Don M., to United States of America, Navy. Digital MSK modulator. 4,539,533, 9-3-85, Cl. 332-9.00R.
- French, Donald M., to United States of America, Navy. Digital transmitter simulator. 4,543,066, 9-24-85, Cl. 434-242.000.
- French, Eddie; and Braga, Thomas G., to Petrolite Corporation. Corrosion inhibited aqueous slurries. 4,500,445, 2-19-85, Cl. 252-387.000.
- French, Errol J. Adjustably vented umbrella. 4,505,285, 3-19-85, Cl. 135-20.00R.
- French, Jack G., to Mars Incorporated. Cathode ray tube display device. 4,547,709, 10-15-85, Cl. 315-378.000.
- French, James C.: *See—*
  - Brankiewicz, Alex J.; Bunge, Richard H.; French, James C.; Hokanson, Gerard C.; Hurley, Timothy R.; and Schaumberg, John P., 4,539,203, Cl. 424-117.000.
  - Bunge, Richard H.; French, James C.; Hurley, Timothy R.; Smitka, Tim A.; and Tunac, Josefino B., 4,530,835, Cl. 424-117.000.
  - Kern, Donald L.; Hokanson, Gerard C.; and French, James C., 4,551,529, Cl. 544-265.000.
  - Young, Cynthia A.; Schaumberg, John P.; Hokanson, Gerard C.; French, James C.; and Tunac, Josefino B., 4,554,162, Cl. 424-117.000.
- French, Kenneth; Kocher, Robert C.; Piorkow, Alfred; Shaner, Kenneth; and Smith, J. Thomas, to GTE Products Corporation. Apparatus and process for automatically measuring aperture size of apertured material. 4,533,251, 8-6-85, Cl. 356-384.000.
- French, Michael J. Wave-energy converter. 4,495,765, 1-29-85, Cl. 60-398.000.
- French, Michael J. Supporting a container with respect to a plate. 4,516,685, 5-14-85, Cl. 220-23.830.
- French, Michael P., to RCA Corporation. On-off arrangement in a microprocessor controlled remote transmitter for a consumer instrument. 4,544,924, 10-1-85, Cl. 340-825.690.
- French Oil Mill Machinery Co., The: *See—*
  - Tribbett, Murray C., 4,518,337, Cl. 425-167.000.
- French, Pierre B.; Antcliffe, David L.; and Donnellan, Gerald L., to Holset Engineering Company Limited. Exhaust brake valve. 4,526,004, 7-2-85, Cl. 60-602.000.
- French, Pierre B.; and Langdon, Paul J., to Holset Engineering Company Limited. Impellor for centrifugal compressor. 4,543,041, 9-24-85, Cl. 416-183.000.
- French, Richard J.: *See—*
  - Mayhew, Harry W.; French, Richard J.; and Rekers, Louis J., 4,540,755, Cl. 526-100.000.
- French, Robert C. Method and apparatus for thermo-bonding seams in thermoplastic material. 4,555,293, 11-26-85, Cl. 156-308.400.
- French, Robert C.: *See—*
  - Nebergall, Perry A.; and French, Robert C., 4,547,641, Cl. 219-10.410.
- French, Robert J.; and Dorony, Elmer F., to Interior Steel Equipment Co. Seal arrangement for compact storage systems. 4,547,026, 10-15-85, Cl. 312-201.000.
- French Systems, Inc.: *See—*
  - Hindman, David B.; Gerlach, Lawrence L.; and Wallace, Bruce A., 4,549,893, Cl. 65-28.000.
- French, Terry M., to Tamaqua Cable Products Corporation. Electrical duct extrusion apparatus. 4,508,500, 4-2-85, Cl. 425-388.000.
- French, William G., to AT&T Bell Laboratories. Method for making low-loss optical waveguides on an industrial scale. 4,529,427, 7-16-85, Cl. 65-3.120.
- Frenchik, Robert A., to Minnesota Mining and Manufacturing Company. Yellow color formers for use in color photothermographic system. 4,535,056, 8-13-85, Cl. 430-542.000.
- Frenchy, James H.: *See—*
  - Lala, Louis A.; and Frenchy, James H., 4,535,549, Cl. 34-4.000.
- Frenco Verzahnungslehren GmbH: *See—*
  - Och, Rudolf, 4,517,743, Cl. 33-147.00M.
- Frenette, Albert: *See—*
  - Frenette, Eugene J., 4,499,913, Cl. 126-247.000.
- Frenette, Eugene J., to Frenette, Albert. Method and apparatus for producing friction heat. 4,499,913, 2-19-85, Cl. 126-247.000.
- Frenkel, Robert L., to Adolph Coors Company. Magnetic drum for separating ferrous and non-ferrous beverage containers. 4,557,387, 12-10-85, Cl. 209-636.000.
- Frensley, William: *See—*
  - Bayraktaroglu, Burhan; Kim, Bumman; and Frensley, William, 4,539,528, Cl. 330-287.000.
- Frentzel, Herman E., to Arneson Products, Inc. Low pressure pool cleaner. 4,526,186, 7-2-85, Cl. 134-167.00R.
- Frentzel, Richard L., to Celotex Corporation, The. Metal catalyzed preparation of polyoxyalkylene surfactants for phenolic foam stabilization. 4,518,719, 5-21-85, Cl. 521-136.000.

Frentzel, Richard L., to Celotex Corporation, The. Polyoxyalkylene/unsaturated diester reaction product for cellular foam stabilization. 4,520,140, 5-28-85, Cl. 521-115.000.

Frentzel, Richard L., to Olin Corporation. Preparation of carboxylic acid-containing monoether and polyether polyol addition products. 4,521,615, 6-4-85, Cl. 560-198.000.

Frentzel, Richard L.; and Moss, Ernest K., to Celotex Corporation, The. Extraction of polyoxyalkylene surfactants for phenolic foam stabilization. 4,522,877, 6-11-85, Cl. 428-304.400.

Frentzel, Richard L., to Celotex Corporation, The. Metal catalyzed preparation of polyoxyalkylene surfactants for phenolic foam stabilization. 4,546,034, 10-8-85, Cl. 428-318.400.

Frentzel, Richard L., to Celotex Corporation, The. Polyoxyalkylene/unsaturated diester reaction product for cellular foam stabilization. 4,555,442, 11-26-85, Cl. 428-318.400.

Frenzel, Bernd. Chemiluminescent immunoassay with activator of hydrogen peroxide and a chloramine. 4,491,634, 1-1-85, Cl. 436-518.000.

Frenzel, Werner: *See—*
- Johne, Hans; Jentzsch, Arndt; Doliner, Herbert; Frenzel, Werner; Forster, Karl-Heinz; and Naumann, Johannes, 4,539,907, Cl. 101-248.000.

Freppel, Christian, to Compagnie Generale des Etablissements Michelin. Process for preparing bimodal and multimodal polymers of conjugated dienes. 4,507,451, 3-26-85, Cl. 526-136.000.

Frequency and Time Systems, Inc.: *See—*
- Garvey, Robert M., 4,499,433, Cl. 331-3.000.

Frequency West Inc.: *See—*
- Harrison, William H., 4,550,297, Cl. 333-99.0MP.

Freres, Roquette: *See—*
- Boursier, Bernard; Bussiere, Guy; Devos, Francis; and Hughette, Michel, 4,497,846, Cl. 426-660.000.

Frerichs, Klaus-Dieter, to Olympia Werke AG. Coupling for the leakage-free connection of fluid-filled pipes and containers. 4,496,959, 1-29-85, Cl. 346-140.00R.

Frerichs, Udo: *See—*
- Seitz, Hans; Frerichs, Udo; Rach, Heinz-Dieter; and Spendel, Siegmund, 4,516,617, Cl. 157-1.000.

Frerking, Marvin E., to Rockwell International Corporation. Closed loop temperature compensated frequency reference. 4,513,259, 4-23-85, Cl. 331-176.000.

Fres-co System USA, Inc.: *See—*
- Goglio, Luigi, 4,518,087, Cl. 206-632.000.

Fresard, Marcel, to Multiphonie S.A. Electroacoustic transducer. 4,506,117, 3-19-85, Cl. 179-114.00R.

Fresenius AG: *See—*
- Faeser, Ulrich; and Mahn, Dieter, 4,544,336, Cl. 417-412.000.
- Herbert, Reinhold, 4,516,977, Cl. 604-415.000.
- Herbert, Reinhold, 4,561,110, Cl. 604-408.000.
- Krutten, Viktor, 4,538,836, Cl. 285-24.000.
- Lolachi, Houshang; Mathieu, Bernd; and Weber, Wolfram, 4,540,397, Cl. 494-84.000.
- Mathieu, Bernd; and Polaschegg, Hans-Dietrich, 4,514,295, Cl. 210-90.000.
- Mathieu, Bernd; and Weber, Wolfram, 4,551,147, Cl. 604-405.000.
- Neumann, Hans-Jurgen; and Meisberger, Artur, 4,557,719, Cl. 494-37.000.
- Polaschegg, Hans-Dietrich; and Husar, Dieter, 4,508,622, Cl. 210-96.200.
- Polaschegg, Hans-Dietrich; and Mathieu, Bernd, 4,552,552, Cl. 604-4.000.
- Schal, Wilfried, 4,530,759, Cl. 210-104.000.
- Weber, Wolfram; Neumann, Hans-Jurgen; Meisberger, Artur; and Mathieu, Bernd, 4,545,744, Cl. 417-475.000.

Fresh Tech, Inc.: *See—*
- Engwert, Gerald H., 4,518,095, Cl. 220-260.000.

Freshwater, John G.; and Malmquist, Alfred B., to Elk Corporation. Stick-down system for roofing. 4,559,267, 12-17-85, Cl. 428-352.000.

Fresia, E. James: *See—*
- Buczkowski, Gary J.; and Fresia, E. James, 4,535,389, Cl. 361-433.000.

Fresion, Alain: *See—*
- Blanc, Jean-Paul; Fardouet, Claude; and Freslon, Alain, 4,528,910, Cl. 102-306.000.

Freston, Trevor R.: *See—*
- Reynolds, Keith B.; Freston, Trevor R.; Ord, Richard N.; and Houghton, James T., 4,541,757, Cl. 407-53.000.

Freud, Paul J.; Baxter, Ronald D.; and Kroninger, Paul M., Jr., to General Signal Corporation. Pressure transducer and mounting. 4,542,435, 9-17-85, Cl. 361-283.000.

Freudenberg, Carl: *See—*
- Ehrmann, Peter, 4,553,763, Cl. 277-153.000.

Freudenreich, Herbert: *See—*
- Ritschel, Peter; Freudenreich, Herbert; and Hartmann, Waldemar, 4,549,915, Cl. 156-78.000.

Freudenthal, Frank D.; and Anderson, Carl M., to Altec Industries, Inc. Platform rotating mechanism for aerial devices. 4,512,436, 4-23-85, Cl. 182-2.000.

Freund, Edouard: *See—*
- Dufresne, Pierre; Freund, Edouard; Marcilly, Christian; and Raatz, Francis, 4,501,656, Cl. 208-111.000.

Freund, Hans: *See—*
- Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.

Freund, Hans-Ulrich; Heide, Wolfgang M.; and Sieglen, Rolf A., to Luossavaara-Kiirunavaara AB. Device for obtaining dust from minerals. 4,558,752, 12-17-85, Cl. 175-207.000.

Freund Industrial Co., Ltd.: *See—*
- Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
- Motoyama, Shimesu; Kurita, Kaora; Sakashita, Shizuka; Takei, Narimichi; and Ohno, Shigeru, 4,556,175, Cl. 241-57.000.

Freund Precision, Inc.: *See—*
- Freund, Robert F.; and Valentine, Daniel R., 4,544,184, Cl. 283-94.000.

Freund, Robert F.; and Valentine, Daniel R., to Freund Precision, Inc. Tamper-proof identification card and identification system. 4,544,184, 10-1-85, Cl. 283-94.000.

Freund, Samuel M.; Maier, William B., II; Holland, Redus F.; and Beattie, Willard H., to United States of America, Energy. Photolytic separation of isotopes in cryogenic solution. 4,554,060, 11-19-85, Cl. 204-157.10R.

Freundlich, Richard A., to Celanese Corporation. Electrical grade extruded filled thermoplastic sheet material and process for the manufacture thereof. 4,500,603, 2-19-85, Cl. 428-409.000.

Freundlich, Richard A., to Polymer Projections, Inc. Container comprising a polysulfone resin layer with a cellular resin core. 4,507,338, 3-26-85, Cl. 428-35.000.

Freundt, Klaus. Optical apparatus for exposure and/or image reproduction of microfiche sheet film, and cassette suitable therefor. 4,557,595, 12-10-85, Cl. 355-72.000.

Frevel, Ludo K. Coproduction of perchloroethylene, phosgene, and silicon tetrachloride. 4,504,452, 3-12-85, Cl. 423-341.000.

Frevert, Robert E., to Crippen Manufacturing Co., Inc. Vibrating anti-blinding cleaning and grading machines. 4,498,981, 2-12-85, Cl. 209-243.000.

Frew, Duncan W.: *See—*
- di Ricco, Leo; Schnee, Edward; Stefanini, Zorro; and Frew, Duncan W., 4,547,534, Cl. 523-324.000.

Frew, John W.; and Robbins, Kenneth W., to Sperry Corporation. High resolution and high accuracy time interval generator. 4,516,861, 5-14-85, Cl. 368-120.000.

Frey, Bernhard, to Hydrowatt Systems Limited. Cylinder-piston combination, particularly for high-pressure application. 4,527,464, 7-9-85, Cl. 92-86.500.

Frey, Christoph; and Felix, Franz, to Ciba-Geigy Corporation. Naphthostyril Ni or Cu complexes, a process for their preparation, and high molecular weight organic material pigmented with these metal complexes. 4,529,804, 7-16-85, Cl. 548-402.000.

Frey, David J.; and Wier, Keith E., to SXD Refractories, Inc. Apparatus for forming particles into shaped articles. 4,531,903, 7-30-85, Cl. 425-429.000.

Frey, Douglas R. Adjustable distortion guitar amplifier. 4,495,640, 1-22-85, Cl. 381-61.000.

Frey, Douglas R. Monolithic voltage controlled element. 4,560,947, 12-24-85, Cl. 330-254.000.

Frey, Elmer J.: *See—*
- Sharp, Harper E.; Spiegel, Leo; Masters, Richard M.; Frey, Elmer J.; Howatt, John R.; and Walker, Gary E., 4,537,067, Cl. 73-151.000.

Frey, Frederick W.; and Lee, John Y., to Ethyl Corporation. Process for preparing tertiary phosphines. 4,507,503, 3-26-85, Cl. 568-17.000.

Frey, Frederick W.: *See—*
- Lee, John Y.; and Frey, Frederick W., 4,507,504, Cl. 568-17.000.

Frey, G. Robert; Chandler, Gregory M.; and King, Richard A., to Joy Manufacturing Company. Free floating operator compartment. 4,556,117, 12-3-85, Cl. 180-89.130.

Frey, Gary T.; Strong, Douglas H.; and Urbanski, Janet B. Corrosion resistant lubricant coating composite. 4,555,445, 11-26-85, Cl. 428-340.000.

Frey, Gregg W., to Advanced Technology Laboratories, Inc. Method of making electrically conductive thin epoxy bond. 4,552,607, 11-12-85, Cl. 156-330.000.

Frey, Gunter: *See—*
- Berger, Dieter; Frey, Gunter; Knappe, Wolfgang-Reinhold; Kuhr, Manfred; Rittersdorf, Walter; and Werner, Wolfgang, 4,551,428, Cl. 435-19.000.

Frey, Hartmut: *See—*
- Dittrich, Hans; and Frey, Hartmut, 4,528,003, Cl. 55-158.000.

Frey, Karl: *See—*
- Maurer, Albrecht; and Frey, Karl, 4,543,868, Cl. 83-713.000.

Frey, Max, to Roper Industries, Inc. Impeller pump with self-priming column attachment. 4,523,900, 6-18-85, Cl. 417-365.000.

Frey, Otto, to Sulzer Brothers Limited. Retention device for centering an endoprosthesis shank in a bone. 4,523,587, 6-18-85, Cl. 128-92.00C.

Frey, Otto, to Sulzer Brothers Limited. Joint endoprosthesis. 4,528,702, 7-16-85, Cl. 623-23.000.

Frey, Otto, to Sulzer Brothers Limited. Anchoring shank for a bone implant. 4,530,116, 7-23-85, Cl. 623-23.000.

Frey, Otto: *See—*
- Muller, Maurice E.; Niederer, Peter G.; and Frey, Otto, 4,530,115, Cl. 623-23.000.
- Weber, Bernhard G.; and Frey, Otto, 4,531,243, Cl. 623-22.000.

Frey, Paul H., to Union Carbide Corporation. Casing sizing means and method. 4,528,719, 7-16-85, Cl. 17-49.000.

Frey, Sydney W., Jr.; and Herson, Mark I., to Allen-Bradley Company. Natural convection cooling system for electronic components. 4,535,386, 8-13-85, Cl. 361-389.000.

Frey, Thomas; Grunwald, Werner; Knoll, Gunther; and Weyl, Helmut, to Robert Bosch GmbH. Gas sensor, particularly oxygen sensor exposed to combustion exhaust gases. 4,560,463, 12-24-85, Cl. 204-424.000.
Frey, Thomas: *See—*
  Dobler, Klaus; Schoor, Ulrich; Heinz, Rudolf; Frey, Thomas; and Grunwald, Werner, 4,494,401, Cl. 73-35.000.
  Dobler, Klaus; Heinz, Rudolf; Schoor, Ulrich; and Frey, Thomas, 4,549,430, Cl. 73-115.000.
Frey, Thomas M.; and Kovnat, Larry A., to Xerox Corporation. Magnetographic carriage printer. 4,519,000, 5-21-85, Cl. 358-301.000.
Frey-Wigger, Paul. Attachment for the booms of cranes or the like. 4,518,059, 5-21-85, Cl. 182-2.000.
Frey, William L. Grinding box. 4,550,531, 11-5-85, Cl. 51-125.000.
Freyberger, Laurin C.; and Novotny, Bernd, to ITT Industries, Inc. Integrated interface circuit between the RGB matrix and the video output stages of color-television sets. 4,494,137, 1-15-85, Cl. 358-27.000.
Freyoerger, Laurin C.; Mlynek, Daniel; and Schmidtpott, Friedrich, to ITT Industries, Inc. Set of three integrated circuits for digital video signal processing in color-television receivers. 4,523,222, 6-11-85, Cl. 358-27.000.
Freyberger, Laurin C.: *See—*
  Sauer, Wolfgang; Schmidtpott, Friedrich; Schat, Hermanus; and Freyberger, Laurin C., 4,533,879, Cl. 331-1.00A.
Freye, Theodor: *See—*
  Moosbrucker, Karl; Hollmann, Bernd; and Freye, Theodor, 4,514,969, Cl. 56-341.000.
Freyman, Ronald L.; and Rotblum, Yehuda, to AT&T Bell Laboratories. Full output voltage driver circuit using bootstrap capacitor and controlled delay circuitry. 4,546,276, 10-8-85, Cl. 307-578.000.
Freymiller, Edward: *See—*
  Lockery, Harry E.; and Freymiller, Edward, 4,556,115, Cl. 177-211.000.
Freyssinet International (STUP): *See—*
  Barthel, Pierre, 4,504,174, Cl. 405-252.000.
  Dinis, Antonio; de la Fuente, Carlos; and Mondorf, Paul, 4,505,081, Cl. 52-223.00L.
  Guinard, Pierre, 4,509,305, Cl. 52-223.00R.
  Nieto, Jean-Francois A., 4,558,547, Cl. 52-223.00L.
  Tourneur, Christian, 4,561,226, Cl. 52-223.00L.
Freytag, J. William; and Litchfield, William J., to Du Pont de Nemours, E. I., and Company. Specific binding assays utilizing analyte-cytolysin conjugates. 4,517,303, 5-14-85, Cl. 436-501.000.
Freytag, William J.; and Chang, Shung-Ho, to Du Pont de Nemours, E. I., and Company. Heterogeneous immunoassay for digoxin using ouabain as a separation means. 4,551,426, 11-5-85, Cl. 435-7.000.
Freze, Benjamin H., to Challenge-Cook Brothers, Inc. Laundry dryer. 4,507,080, 3-26-85, Cl. 432-105.000.
Friar, Thurston R.: *See—*
  Chandler, Larry L.; Friar, Thurston R.; and Green, Berwyn W., 4,546,169, Cl. 528-272.000.
Frias, Ronald J.; Jagielski, David; and Schetter, Nicholas R., to Micron Corporation. Modular reader/printer developer apparatus. 4,494,859, 1-22-85, Cl. 355-5.000.
Friberg, Claes: *See—*
  Haraldsson, Roland; Bengtsson, Jan; and Friberg, Claes, 4,517,211, Cl. 426-444.000.
Friberg, Gunnar S., to AB Volvo. Cable jacket. 4,499,926, 2-19-85, Cl. 138-126.000.
Fribolin, Hans-Ulrich: *See—*
  Durr, Manfred; and Fribolin, Hans-Ulrich, 4,497,157, Cl. 53-428.000.
  Durr, Manfred; and Fribolin, Hans-Ulrich, 4,497,158, Cl. 53-428.000.
Fric, Premysl: *See—*
  Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Robalova, Alena, 4,528,133, Cl. 260-112.50R.
  Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Roubalova, Alena, 4,554,100, Cl. 260-112.50R.
Frichmann, Albert; Sternisa, Danilo; Mermi, Kurt; and Kistner, Herbert, to Upat GmbH & Co. Anchoring bolt. 4,518,290, 5-21-85, Cl. 411-30.000.
Frick, Adolf, to Stoechio-Matic AG. Apparatus for the combustion of liquid fuels in the gaseous state. 4,509,914, 4-9-85, Cl. 431-121.000.
Frick Company: *See—*
  Murphy, David A.; and Spellar, Peter C., 4,516,914, Cl. 417-282.000.
  Murphy, David A.; and Spellar, Peter C., 4,519,748, Cl. 417-45.000.
  Murphy, David A.; and Spellar, Peter C., 4,548,549, Cl. 417-53.000.
  Pillis, Joseph W., 4,515,540, Cl. 418-97.000.
  Pillis, Joseph W., 4,553,911, Cl. 418-1.000.
Frick, Hansjorg, to Etablissement Dentaire Ivoclar. Mixing container. 4,542,823, 9-24-85, Cl. 206-220.000.
Frick, Heinz E., to British Aerospace Public Limited Company. Retrieving and/or launching system. 4,523,729, 6-18-85, Cl. 244-115.000.
Frick, John P., to Mobil Oil Corporation. Use of electroless nickel coating to prevent galling of threaded tubular joints. 4,527,815, 7-9-85, Cl. 285-55.000.
Frick, Kenneth L., to AT&T Bell Laboratories. Alarm-fault detecting system. 4,523,183, 6-11-85, Cl. 340-507.000.
Frick, Roger L., to Rosemount Inc. Two wire circuit having an adjustable span. 4,502,003, 2-26-85, Cl. 323-275.000.
Frick, Roger L., to Rosemount Inc. Reactance measurement circuit with enhanced linearity. 4,519,253, 5-28-85, Cl. 73-718.000.
Fricke, Erich: *See—*
  Strunck, Theo; and Fricke, Erich, 4,557,808, Cl. 204-29.000.
Fricke, Gunter; Geisler, Irving; and Zentgraf, Helmut, to Kali und Salz AG. Electrostatic free-fall separator with feeding arrangement. 4,557,827, 12-10-85, Cl. 209-127.400.
Fricke, Hans-Jurgen, to Robert Bosch GmbH. Hydrostatic piston machine. 4,516,475, 5-14-85, Cl. 92-57.000.
Fricke, Reinhard L.; Hinze, Klaus; Huth, Manfred K. O.; and Wisskirchen, Klaus B., to ITT Industries, Inc. Pushbutton switch having leaf-shaped contact spring. 4,514,609, 4-30-85, C[illegible]-159.00A.
Fricke, Richard J.: *See—*
  Kennedy, Richard B., 4,515,638, Cl. 106-16[illegible]
  Kennedy, Richard B., 4,520,139, Cl. 521-109[illegible]
  Kennedy, Richard B., 4,521,544, Cl. 521-107[illegible]
Frickel, Fritz-Frieder: *See—*
  Ostersehlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, 4,514,413, Cl. 514-397.000.
Fricker, Siegfried. Anchoring track with removable filler body. 4,532,740, 8-6-85, Cl. 52-98.000.
Fricker, Urs: *See—*
  Martin, Henry; and Fricker, Urs, 4,530,716, Cl. 71-88.000.
Fricker, Wolfgang-Peter; Scholz, Manfred; Bauche, Heinrich; and Gollasch, Bernd, to Kraftwerk Union Aktiengesellschaft; and Grunzweig & Hartmann Montage GmbH. Heat-retarding closure system for pressure relief openings of partitions, in nuclear reactor buildings. 4,495,147, 1-22-85, Cl. 376-283.000.
Fricker, Wolfgang-Peter; and Scholz, Manfred, to Kraftwerk Union Aktiengesellschaft. All-metallic heat insulation, formed of heat insulating building blocks which can be joined together. 4,525,968, 7-2-85, Cl. 52-406.000.
Fridhandler, Robert M.: *See—*
  Taylor, John A.; and Fridhandler, Robert M., 4,532,158, Cl. 427-355.000.
Fridman, Alexandr Y.: *See—*
  Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.
Fridman, Jacob: *See—*
  Bergelson, Michael; Fridman, Jacob; and John, Erwin R., 4,493,327, Cl. 128-731.000.
Fridman, Robert. Printing system. 4,503,445, 3-5-85, Cl. 346-141.000.
Fridman, Semyon D., to SCM Corporation. Two stage chlorination of titaniferous ore. 4,519,988, 5-28-85, Cl. 423-76.000.
Fridman, Semyon D.: *See—*
  Bonsack, James P.; and Fridman, Semyon D., 4,540,551, Cl. 423-77.000.
Fridrich, Elmer G.: *See—*
  Brinn, Walter K.; Berlec, Ivan; Davenport, John M.; Vukcevich, Milan R.; and Fridrich, Elmer G., 4,547,704, Cl. 315-71.000.
Frieberg, Bengt O., to Nobex AB. Method of forming a joined pair of wedge-action lock washers. 4,538,313, 9-3-85, Cl. 10-86.00B.
Fried, David L.: *See—*
  Hunter, Robert O.; and Fried, David L., 4,498,051, Cl. 330-4.300.
Fried, Josef: *See—*
  Archer, Sydney; Benagiano, Giuseppe; Crabbe, Pierre; Diczfalusy, Egon; Djerassi, Carl; and Fried, Josef, 4,507,290, Cl. 514-172.000.
Fried. Krupp Gesellschaft mit beschrankter Haftung: *See—*
  Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Philipp, Clemens, 4,502,526, Cl. 164-415.000.
  Artz, Gerd; Figge, Dieter; and Philipp, Clemens, 4,510,990, Cl. 164-431.000.
  Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Potschke, Jurgen, 4,553,582, Cl. 164-432.000.
  Blase, Helmut; and Eiler, Peter, 4,555,031, Cl. 212-189.000.
  Coenen, Hubert; and Kriegel, Ernst, 4,532,992, Cl. 166-267.000.
  Coenen, Hubert; Eggers, Rudolf; and Hagen, Rainer, 4,560,513, Cl. 260-403.000.
  Figge, Dieter; Siemer, Hans; Artz, Gerd; and Philipp, Clemens, 4,544,018, Cl. 164-481.000.
  Greilinger, Friedrich; and Katschinski, Ulrich, 4,559,990, Cl. 164-428.000.
  Gritsch, Herbert, 4,561,076, Cl. 367-88.000.
  Gudesen, Alwin, 4,558,439, Cl. 367-127.000.
  Hagen, Rainer; and Hartwig, Jurgen, 4,492,808, Cl. 568-916.000.
  Heimann, Bernhard, 4,557,428, Cl. 242-82.000.
  Jester, Willi; and Kruger, Heinrich, 4,519,731, Cl. 407-46.000.
  Krebs, Gerd, 4,547,012, Cl. 294-93.000.
  Kriegel, Ernst; and Coenen, Hubert, 4,522,707, Cl. 208-180.000.
  Langner, Alexander, 4,549,648, Cl. 198-509.000.
  Philippi, Engelbert, 4,556,345, Cl. 407-114.000.
  Schrodl, Hermann, 4,506,837, Cl. 241-97.000.
Fried, Peter I.: *See—*
  Swersey, Burt L.; and Fried, Peter I., 4,551,882, Cl. 16-226.000.
Friedemann, Wolfgang: *See—*
  Fehr, Hans; Pesch, Wolfgang; and Friedemann, Wolfgang, 4,561,898, Cl. 106-74.000.
  Kluth, Hermann; Roderhoff, Bernhard; Friedemann, Wolfgang; Wegner, Jurgen; and Dierichs, Wolfgang, 4,533,490, Cl. 252-305.000.
  Maak, Norbert; Friedemann, Wolfgang; Fehr, Hans; and Feulner, Kurt, 4,541,869, Cl. 106-38.350.
Frieden, Peter: *See—*
  Berges, Hanns-Peter; Frieden, Peter; and Leier, Wolfgang, 4,525,129, Cl. 418-84.000.

Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., to Nanodata Computer Corporation. Data processing system. 4,516,199, 5-7-85, Cl. 364-200.000.

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Friedes, Albert; Greene, Thomas V.; Idenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., to AT&T Bell Laboratories. Telephone interexchange signaling protocol. 4,555,594, 11-26-85, Cl. 179-18.00B.

Friedewald, Gunter, to Siepmann-Werke GmbH & Co. KG. Tire and antiskid net for vehicle tires. 4,544,010, 10-1-85, Cl. 152-231.000.

Friedheim, Ernst A. H., to Rockefeller University, The. Melaminylthioarsenites. 4,514,390, 4-30-85, Cl. 514-184.000.

Friedl, Andreas. Hot bulb ignition head for a device for firing rough ceramics, particularly bricks. 4,535,708, 8-20-85, Cl. 110-265.000.

Friedl, Richard, to LGZ Landis & Gyr Zug AG. Transducer for current measurement. 4,513,273, 4-23-85, Cl. 336-55.000.

Friedlaender, Fritz J.; Takayasu, Makoto; Hwang, Jiann-Yang; and Petrakis, Leon, to Purdue Research Foundation. Magnetic separation method utilizing a colloid of magnetic particles. 4,526,681, 7-2-85, Cl. 209-214.000.

Friedlaender, Fritz J.; and Takayasu, Makoto, to Purdue Research Foundation. Method and apparatus for magnetically separating particles from a liquid. 4,560,484, 12-24-85, Cl. 210-796.000.

Friedland, Anthony E., to Thermo King Corporation. Method of and apparatus for dip coating. 4,560,592, 12-24-85, Cl. 427-430.100.

Friedland, David J.: *See—*

Saprokhin, Alexander M.; Friedland, David J.; Baran, Richard M.; Kim, Jung T.; and McCurry, Lynn E., 4,511,440, Cl. 204-60.000.

Friedle, Alvin A. Three-dimensional viewing device. 4,550,978, 11-5-85, Cl. 350-138.000.

Friedli, Hans R.; and Lau, Philip Y., to Dow Chemical Company, The. Aqueous electroconductive compositions. 4,556,506, 12-3-85, Cl. 252-512.000.

Friedli, Paul; Hinderling, Thomas; and Begle, Guntram, to Inventio AG. Set value transmitter for a drive regulation apparatus. 4,518,909, 5-21-85, Cl. 318-566.000.

Friedline, Gary W.: *See—*

Caralli, Michael J.; and Friedline, Gary W., 4,512,781, Cl. 55-26.000.

Friedline, Karl L.: *See—*

Nigborowicz, John J.; and Friedline, Karl L., 4,521,810, Cl. 358-181.000.

Friedman, Aaron M. Popcorn popping and coating apparatus. 4,512,247, 4-23-85, Cl. 99-323.500.

Friedman, Abraham, to IPCO Corporation. Method and apparatus for reinforcing dental anchors. 4,500,296, 2-19-85, Cl. 433-225.000.

Friedman, Anna M.: *See—*

Lindberg, Eric T.; and Friedman, Anna M., 4,496,023, Cl. 181-230.000.

Friedman, Arthur J., to Merck & Co., Inc. 3-halo-2-thiopyrazines as antimicrobial agents. 4,492,700, 1-8-85, Cl. 424-250.000.

Friedman, Arthur J., to Merck & Co., Inc. Halogenated geminal diesters. 4,503,074, 3-5-85, Cl. 514-547.000.

Friedman, Arthur W.: *See—*

Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.

Friedman, Bernard L.: *See—*

Hoh, Thomas G.; Friedman, Bernard L.; Borchert, Wendall; and Nixon, Eugene H., Jr., 4,505,162, Cl. 74-41.000.

Friedman, David: *See—*

Mansell, Barry N.; and Friedman, David, 4,506,298, Cl. 358-160.000.

Friedman, Ernest H.; Sanders, Gary G.; and Hunter, Steven L., to Friedman, Ernest H. Human response apparatus and method. 4,543,957, 10-1-85, Cl. 128-630.000.

Friedman, Harry; Sengoku, Isao; Hattori, Yukiro; and Isikawa, Minoru, to Jet AER Corporation. Folding knife with safety locking feature. 4,535,539, 8-20-85, Cl. 30-161.000.

Friedman, Herman H.; and Popp, Walter R., to General Foods Corporation. Shelf-stable high moisture pet food. 4,495,208, 1-22-85, Cl. 426-335.000.

Friedman, Horace A., to United States of America, Energy. Separation of uranium from technetium in recovery of spent nuclear fuel. 4,528,165, 7-9-85, Cl. 423-10.000.

Friedman, Laura L. Mother's milk harvesting and collection device. 4,501,585, 2-26-85, Cl. 604-346.000.

Friedman, Leonard I., to American National Red Cross. Cup insert for balancing. 4,557,717, 12-10-85, Cl. 494-10.000.

Friedman, Lewis; Buehler, Robert J.; Matthew, Michael W.; and Ledbetter, Myron, to United States of America, Energy. Method of precisely modifying predetermined surface layers of a workpiece by cluster ion impact therewith. 4,559,096, 12-17-85, Cl. 156-272.200.

Friedman, Peter S.: *See—*

Bornstein, Jonathan G.; and Friedman, Peter S., 4,539,625, Cl. 362-32.000.

Friedman, Robert H., to Getty Oil Company. Sand consolidation methods using adsorbable catalysts. 4,512,407, 4-23-85, Cl. 166-295.000.

Friedman, Robert H.; and Eakin, Bertram E., to Getty Oil Company. Extraction process and apparatus for hydrocarbon containing ores. 4,539,093, 9-3-85, Cl. 208-8.0LE.

Friedman, Theodore D.: *See—*

Casey, Richard G.; and Friedman, Theodore D., 4,499,596, Cl. 382-37.000.

Friedmann & Maier Aktiengesellschaft: *See—*

Brasseur, Georg; and Rathmayr, Heinz, 4,512,306, Cl. 123-367.000.

Brasseur, Georg, 4,556,838, Cl. 323-285.000.

Lehner, Gerhard, 4,499,873, Cl. 123-372.000.

Friedmann, Oswald: *See—*

Maucher, Paul; and Friedmann, Oswald, 4,520,913, Cl. 192-48.800.

Maucher, Paul; and Friedmann, Oswald, 4,523,558, Cl. 123-198.00F.

Friedopfer, Walter: *See—*

Winger, Irwin; and Friedopfer, Walter, 4,541,696, Cl. 351-123.000.

Friedrich, Bodo: *See—*

Luecke, Wolfgang; Beneke, Herbert; and Friedrich, Bodo, 4,539,388, Cl. 528-271.000.

Friedrich, Douglas S., to Marconi Avionics Limited. Communication system providing amplifier gain by half-cycle carrier signal control. 4,519,067, 5-21-85, Cl. 370-78.000.

Friedrich Grohe Armaturenfabrik GmbH & Co.: *See—*

Herring, William P.; and Kostorz, Jan R., 4,552,176, Cl. 137-625.400.

Kiendl, Harro, 4,558,817, Cl. 236-12.120.

Pawelzik, Manfred; and Derr, Max, 4,501,408, Cl. 251-314.000.

Pawelzik, Manfred; Herring, William P.; and Kostorz, Jan R., 4,535,814, Cl. 137-625.170.

Pawelzik, Manfred, 4,540,023, Cl. 137-625.170.

Friedrich, Hans-Joachim, to J. F. Adolff AG. Backing mat for a ground covering, preferably for a water-permeable artificial grass, as well as a method for its production. 4,535,021, 8-13-85, Cl. 428-137.000.

Friedrich, Heinz: *See—*

Bergstein, Wolfgang; Friedrich, Heinz; Kleemann, Axel; Prescher, Gunther; and Beschke, Helmut, 4,496,729, Cl. 544-336.000.

Burger, Kurt; and Friedrich, Heinz, 4,539,059, Cl. 156-251.000.

Friedrich, James W.: *See—*

Pace, Gary M.; and Friedrich, James W., 4,507,142, Cl. 71-83.000.

Friedrich, Jaromir: *See—*

Krepela, Josef; and Friedrich, Jaromir, 4,537,386, Cl. 251-302.000.

Friedrich, John P.; and Eldridge, Arthur C., to United States of America, Agriculture. Production of defatted soybean products by supercritical fluid extraction. 4,493,854, 1-15-85, Cl. 426-629.000.

Friedrich, John P.: *See—*

Christianson, Donald D.; and Friedrich, John P., 4,495,207, Cl. 426-312.000.

Friedrich, Ludwig: *See—*

Osterschlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, 4,514,413, Cl. 514-397.000.

Schlecker, Rainer; Friedrich, Ludwig; and Lenke, Dieter, 4,517,196, Cl. 514-371.000.

Friedrich, Michael B.: *See—*

Buck, Robert; Friedrich, Michael B.; Gesthuysen, Hans-Dieter; and Marhofer, Gerd, 4,525,699, Cl. 340-512.000.

Friedrich Munch GmbH & Co. K.G.: *See—*

Kuhlmann, Gerhard; Schleihauf, Gerhard; and Brandauer, Emil, 4,493,865, Cl. 428-52.000.

Kuhlmann, Gerhard; Schleihauf, Gerhard; and Brandauer, Emil, 4,507,353, Cl. 428-222.000.

Friedrich, Peter: *See—*

Witter, Karl-Theo; Friedrich, Peter; and Strole, Ulrich, 4,533,515, Cl. 422-26.000.

Friedrich, Ralph S.; and Naylor, Kenneth C., to Ameron, Inc. Fiber reinforced plastic pipe tee. 4,506,918, 3-26-85, Cl. 285-156.000.

Friedrich, Ralph S.: *See—*

Dana, William R.; Friedrich, Ralph S.; and McKenney, John D., 4,557,788, Cl. 156-425.000.

Magarian, Gerald M.; and Friedrich, Ralph S., 4,511,423, Cl. 156-425.000.

Friedrich Wilh. Schwing GmbH: *See—*

Schwing, Friedrich, 4,556,370, Cl. 417-517.000.

Friedrich, Wolfgang: *See—*

Brandenstein, Manfred; Haas, Roland; Friedrich, Wolfgang; and Hans, Rudiger, 4,525,082, Cl. 384-138.000.

Hans, Rudiger; Brandenstein, Manfred; Friedrich, Wolfgang; and Haas, Roland, 4,534,749, Cl. 474-174.000.

Hans, Rudiger; and Friedrich, Wolfgang, 4,544,168, Cl. 277-84.000.

Friedrichs, Michael: *See—*

Boll, Richard; and Friedrichs, Michael, 4,507,651, Cl. 340-365.00L.

Friedrichs, Renate: *See—*

Troger, Wolfgang; Mesmer, Otto; and Friedrichs, Renate, 4,561,992, Cl. 252-155.000.

Friedrichsfeld GmbH - Steinzeug- und Kunststoffwerke: *See—*

Schulte, Willi; and Heimke, Gunther, 4,560,353, Cl. 433-173.000.

Friedson, Belvin F.; Thaler, Arnold; and Saud, Ivan, to Windmere Corporation. Apparatus for treating the feet. 4,513,735, 4-30-85, Cl. 128-24.200.

Friedson, David: *See—*

Thaler, Arnold; Friedson, David; and Kin, Lai, 4,492,241, Cl. 132-37.00R.

Friedson, Ronald S. Riding saddle construction. 4,502,266, 3-5-85, Cl. 54-44.000.

Friehe, Hugo: *See—*

Biedermann, Jurgen; Etschenberg, Eugen; Friehe, Hugo; Scheef, Wolfgang; and Winkelmann, Johannes, 4,505,854, Cl. 260-112.50R.

Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., 4,504,479, Cl. 514-252.000.

Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., 4,507,298, Cl. 514-247.000.

Friehe, Werner: *See—*

Niehaus, Norbert; Friehe, Werner; and Schwenk, Wilhelm, 4,513,995, Cl. 285-55.000.

Frieling, Focko; Michael, Ewald; and Nikutta, Wolfgang, to Siemens Aktiengesellschaft. Pulse enhancement circuit for digital integrated circuit. 4,494,015, 1-15-85, Cl. 307-268.000.

Frielinghaus, Klaus H.: *See—*

Shahbaz, Zalmai S.; and Frielinghaus, Klaus H., 4,528,679, Cl. 377-6.000.

Friemel, Wolfgang; and Ehret, Reiner, to Dr. Werner Freyberg Chemische Fabrik Delitia Nachf. Hydrogen-phosphide releasing compositions and their use. 4,503,032, 3-5-85, Cl. 424-40.000.

Friend, Barbara L., legal representative: *See—*

Mihalakis, Agis I., deceased; and Friend, Barbara L., legal representative, 4,498,734, Cl. 350-125.000.

Friendly Ice Cream Corporation: *See—*

Tarantino, Jeffrey W., 4,507,326, Cl. 426-101.000.

Friends, Gary D.; Melpolder, John B.; Kunzler, Jay F.; and Park, Joon S., to Bausch & Lomb Incorporated. Polysiloxane composition with improved surface wetting characteristics and biomedical devices made thereof. 4,495,361, 1-22-85, Cl. 556-419.000.

Friendship, Kenneth F. M., to Continental Group, Inc., The. Plastic cap with pressure seal. 4,531,650, 7-30-85, Cl. 215-256.000.

Friendship, Kenneth F. M.: *See—*

Pocock, John F. E.; Mahajan, Gautam K.; Krishnakumar, Suppayan M.; and Friendship, Kenneth F. M., 4,525,401, Cl. 428-64.000.

Frier, Richard A.: *See—*

Fujihara, Yoshiki, deceased; Fujihara, Hiroko, heiress; Sackis, John J.; and Frier, Richard A., 4,547,399, Cl. 427-138.000.

Fries, Alexis: *See—*

Oehler, Oskar; and Fries, Alexis, 4,557,603, Cl. 356-418.000.

Fries, Bernard A., to Chevron Research Company. Method to improve circulation control in fluidized systems. 4,532,026, 7-30-85, Cl. 208-164.000.

Fries, Carl J., Jr., to International Paper Company. Method and apparatus for skiving and hemming. 4,540,391, 9-10-85, Cl. 493-287.000.

Fries, Herbert; Gerstenmaier, Jurgen; Kircher, Stefan; and Koch-Ducker, Jurgen, to Robert Bosch GmbH. Anti-block control system test. 4,493,210, 1-15-85, Cl. 73-121.000.

Fries, Hugo: *See—*

Dettinger, Willi; and Fries, Hugo, 4,527,957, Cl. 417-92.000.

Fries, R. Jay: *See—*

Farnum, Eugene H.; and Fries, R. Jay, 4,544,520, Cl. 376-152.000.

Fries, Richard W., to Northern Petrochemical Company. Process for conversion of vinyl copolymers to vinylic alcohol copolymers by homogeneous reaction with organometallic compounds. 4,513,117, 4-23-85, Cl. 525-60.000.

Friese, Axel, to Dr. Carl Hahn G.m.b.H. Apparatus for attaching a withdrawal cord to a tampon. 4,490,894, 1-1-85, Cl. 28-120.000.

Friese, Axel, to Dr. Carl Hahn G.m.b.H. Apparatus for transmitting a tampon blank to a tampon press. 4,498,218, 2-12-85, Cl. 28-119.000.

Friese, Hans-Herbert; and Prinz, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Process for the production of waterproof leathers and skins. 4,527,992, 7-9-85, Cl. 8-94.210.

Friese, Karl-Hermann: *See—*

Esper, Friedrich; Friese, Karl-Hermann; Gohl, Walter; and Sternad, Peter, 4,539,503, Cl. 313-11.500.

Esper, Friedrich J.; Fischer, Hermann; Friese, Karl-Hermann; and Scharner, Peter, 4,532,492, Cl. 338-34.000.

Friesen, David. Harvester swath pick-up drive. 4,498,278, 2-12-85, Cl. 56-364.000.

Friesen, Dwayne; Babcock, Walter C.; and Tuttle, Mark, to Bend Research, Inc. Anisotropic microporous supports impregnated with polymeric ion-exchange materials. 4,515,906, 5-7-85, Cl. 521-28.000.

Friesen, Paul F., to Armstrong World Industries, Inc. Positively vented flat roof system. 4,538,388, 9-3-85, Cl. 52-199.000.

Friesen, Wilmer J., to Vulcan Engineering Co. Segmented mold weight and combination with mold jacket. 4,522,248, 6-11-85, Cl. 164-394.000.

Friesz, Robert E., to Murnan, Leo R.; and Omaha Door Company, part interest to each. Method of installing multi-sections vertically acting doors. 4,510,663, 4-16-85, Cl. 29-429.000.

Frietsch, Kurt: *See—*

Maier, Peter; and Frietsch, Kurt, 4,526,261, Cl. 192-106.200.

Frigeni, Viviana: *See—*

Carenzi, Angelo; Chiarino, Dario; Della Bella, Davide; Frigeni, Viviana; and Veneziani, Carlo, 4,560,696, Cl. 514-397.000.

Frigerio, Giuliano E.: *See—*

Castagnola, Virginio; Frigerio, Giuliano E.; and Pellicciari, Roberto, 4,514,393, Cl. 260-397.100.

Frigerio, Marco: *See—*

Nisato, Dino; Frigerio, Marco; and Miranda, Giovanna F., 4,521,428, Cl. 514-277.000.

Frigiola, Frank J., to Ecodyne Corporation. Resin interface detection system. 4,558,714, 12-17-85, Cl. 137-2.000.

Frigon, Raymond A.; and Kahl, William G., Jr., to Cerberus AG. Intrusion detection system. 4,516,115, 5-7-85, Cl. 340-556.000.

Frigoscandia Contracting AB: *See—*

Jonasson, Staffan M. O., 4,528,820, Cl. 62-80.000.

Rothstein, Sven O., 4,517,814, Cl. 62-374.000.

Frihart, Charles R.; and Veazey, Richard L., to Union Camp Corporation. Poly(ester-amide) hot-melt adhesives. 4,515,939, 5-7-85, Cl. 528-339.300.

Frijters, Petrus J. G.; and van Es, Antonie F. Method and device for raising worms, method of raising worms in nutrition limited by inhibiting means, method of producing worm castings, and holder for raising worms. 4,513,685, 4-30-85, Cl. 119-1.000.

Frikker, Jozsef, to Champion Spark Plug Company. Diaphragm pump. 4,496,294, 1-29-85, Cl. 417-393.000.

Friley, B. Keith: *See—*

Carlos, Donald D.; and Friley, B. Keith, 4,491,535, Cl. 252-389.610.

Friml, Zdenek: *See—*

Skvara, Frantisek; Kolar, Karel; Zadak, Zdenek; Friml, Zdenek; and Novotry, Jaroslay, 4,551,176, Cl. 106-90.000.

Frink, Attila; and Morrison, Robert A., to Lockheed Corporation. Circuit board housing with zero insertion force connector. 4,517,625, 5-14-85, Cl. 361-399.000.

Frink, Attila: *See—*

Morrison, Robert A.; and Frink, Attila, 4,493,010, Cl. 361-385.000.

Frink, Richard C.: *See—*

Kaplan, Steven E.; and Frink, Richard C., 4,518,770, Cl. 528-487.000.

Frink, Shelby T., to Oime, Inc. Helicopter transportable mud pump. 4,497,614, 2-5-85, Cl. 417-238.000.

Frioux, Christian: *See—*

Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,493,598, Cl. 414-1.000.

Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,549,839, Cl. 414-7.000.

Fripp, Archibald L.: *See—*

Debnam, William J., Jr.; Fripp, Archibald L.; and Crouch, Roger K., 4,491,427, Cl. 374-208.000.

Frisbie, Carl W.: *See—*

Mawby, Harold S.; and Frisbie, Carl W., 4,555,049, Cl. 222-517.000.

Frisbie, Richard C.; Houser, David E.; Morenus, Richard J.; and Thomas, Edwin L., to International Business Machines Corporation. Pressure foot assembly for an end mill delete cutter. 4,515,505, 5-7-85, Cl. 409-163.000.

Frisch, Kurt C.: *See—*

Peerman, Dwight E.; DiDomenico, Edward; Frisch, Kurt C.; and Meffert, Alfred, 4,546,120, Cl. 521-159.000.

Peerman, Dwight E.; and Frisch, Kurt C., 4,561,922, Cl. 156-331.400.

Frisch, Kurt C., Jr.: *See—*

Falardeau, Edward R.; Frisch, Kurt C., Jr.; and Lock, Michele R., 4,507,410, Cl. 523-211.000.

Frischmann, Peter G.: *See—*

Taub, Alan I.; Frischmann, Peter G.; and Cline, Harvey E., 4,562,333, Cl. 219-121.0LJ.

Friske, Wolf, to Angele, Eduard. Load transporting device and electric supply track therefor. 4,532,385, 7-30-85, Cl. 191-23.00A.

Frissora, Anthony P.; and Kojak, Alexander T., to Allied Corporation. Chilled casting wheel. 4,502,528, 3-5-85, Cl. 164-463.000.

Frister, Manfred, to Robert Bosch GmbH. Solid-state diode-rectifier and heat sink structure. 4,532,539, 7-30-85, Cl. 357-81.000.

Frisz, James O. Method and apparatus for opening a loaded plastic bag and removing the contents thereof. 4,515,509, 5-7-85, Cl. 414-412.000.

Frisz, James O. Submerged water wheel. 4,551,066, 11-5-85, Cl. 416-119.000.

Friteco, Inc.: *See—*

Mariotti, Rene G., 4,502,372, Cl. 99-330.000.

Mariotti, Rene G., 4,505,193, Cl. 99-330.000.

Frith, Donald E. Shrinkage compensated measuring device. 4,538,352, 9-3-85, Cl. 33-1.00B.

Frito-Lay, Inc.: *See—*

Ash, Robin T., 4,517,789, Cl. 53-545.000.

Berger, Kenneth R., 4,521,467, Cl. 428-35.000.

Bernard, Donald C., 4,537,786, Cl. 426-438.000.

Enochs, Frank L.; and Kohler, Michael B., 4,560,058, Cl. 198-426.000.

Fan, Lucy L.; and Arce, Javier A., 4,503,127, Cl. 426-438.000.

Fitzwater, Margaret; and Keller, Lewis C., 4,511,586, Cl. 426-144.000.

Fowler, David P., 4,525,369, Cl. 426-446.000.

Fowler, David P., 4,543,907, Cl. 118-19.000.

Glass, Richard W.; and Koerner, Dennis W., 4,514,428, Cl. 426-321.000.

Hartman, Kenneth T., 4,514,430, Cl. 426-549.000.

Ivers, John T., 4,560,569, Cl. 426-549.000.

Kreager, William D., 4,517,787, Cl. 53-450.000.

Kreager, William D., 4,517,790, Cl. 53-552.000.

Kreager, William D.; and Berger, Kenneth R., 4,534,818, Cl. 156-466.000.

Kreager, William D., 4,555,289, Cl. 156-203.000.

McKee, Harris B., 4,562,084, Cl. 426-502.000.

Mottur, George P.; and Glass, Richard W., 4,517,204, Cl. 426-94.000.

Ryan, Philip J., 4,508,739, Cl. 426-144.000.

Silver, Myron E.; and Wisdom, Lawrence W., 4,547,376, Cl. 426-102.000.

Fritsch, Gunter: *See—*

Treber, Willi O.; and Fritsch, Gunter, 4,542,926, Cl. 293-128.000.

Fritsch, Joseph E. High torque infinitely variable epicyclic transmission. 4,524,642, 6-25-85, Cl. 74-796.000.

Fritsch, Joseph E. Self-contained slip ring assembly. 4,544,215, 10-1-85, Cl. 339-5.00M.

Fritsch, Joseph E.: *See—*

Stelzer, Jack C.; and Fritsch, Joseph E., 4,535,648, Cl. 74-544.000.

Fritsch, Rudolf P.; and Hench, Hans. Rotary cutting tool, particularly for comminuting plastic material. 4,546,929, 10-15-85, Cl. 241-294.000.

Fritschel Scott J.: *See—*

Anderson, Arthur W.; Fritschel Scott J.; and Holmquist, Howard E., 4,522,995, Cl. 526-243.000.

Fritscher, Klaus, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Process and apparatus for producing tubes of reactive metals. 4,531,569, 7-30-85, Cl. 164-464.000.

Fritscher, Klaus; and Gedanitz, Horst, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Apparatus for the hot gas corrosion of samples of material. 4,552,722, 11-12-85, Cl. 422-53.000.

Fritschi, Edgar: *See—*

Barth, Hubert; Hartenstein, Johannes; Satzinger, Gerhard; Fritschi, Edgar; Ganser, Volker; Tauschel, Horst-Dietmar; and Wolf, Gunter, 4,499,089, Cl. 514-222.000.

Barth, Hubert; Fritschi, Edgar; Ganser, Volker; Hartenstein, Johannes; Herrmann, Manfred; and Satzinger, Gerhard, 4,517,185, Cl. 514-232.000.

Fritts, David H.: *See—*

Maloy, Joseph T.; Leonard, John F.; and Fritts, David H., 4,546,897, Cl. 220-277.000.

Fritz, Bernd, to ITT Industries, Inc. Electro-optical display device and method for its production. 4,511,218, 4-16-85, Cl. 350-356.000.

Fritz, Bobby D. Dental attachment. 4,525,144, 6-25-85, Cl. 433-118.000.

Fritz, Conrad M., to Keystone Engineering Company. High-performance low-torque anti-friction bearing assembly. 4,523,793, 6-18-85, Cl. 384-604.000.

Fritz, Eberhard, to Robert Bosch GmbH. Method and system to recognize change in the storage characteristics of a programmable memory. 4,503,538, 3-5-85, Cl. 371-28.000.

Fritz Eichenauer: *See—*

Macherle, Gunter; and Lieber, Ludwig, 4,535,916, Cl. 222-113.000.

Fritz, Frank: *See—*

Knutson, Dale A.; and Fritz, Frank, 4,538,644, Cl. 137-625.640.

Fritz, Harold B., to Lockheed Corporation. Ultrasonic liquid quantity measuring apparatus. 4,531,406, 7-30-85, Cl. 73-290.00V.

Fritz, Heinz P.: *See—*

Besenhard, Jurgen O.; Wudy, Erich; and Fritz, Heinz P., 4,547,442, Cl. 429-209.000.

Fritz, Herbert L.: *See—*

Johnson, Daniel D.; and Fritz, Herbert L., 4,517,050, Cl. 156-643.000.

Fritz, Raimund; and Zeyher, Fritz, to Heckler & Koch GmbH. Electronic firing mechanism for weapons. 4,510,844, 4-16-85, Cl. 89-135.000.

Fritz Schafer Gesellschaft mit beschrankter Haftung: *See—*

Schafer, Gerhard, 4,501,456, Cl. 312-273.000.

Schafer, Gerhard, 4,561,705, Cl. 312-244.000.

Fritz Studer AG: *See—*

Renker, Hansjorg, 4,550,127, Cl. 523-212.000.

Fritz, William E., to Dev-Mark, Inc. Hatch cover seal assembly. 4,543,889, 10-1-85, Cl. 105-377.000.

Fritz, Wolfgang: *See—*

Becker, Erwin; Ehrfeld, Wolfgang; Fritz, Wolfgang; Steinhaus, Harald; and Bley, Peter, 4,551,157, Cl. 55-17.000.

Fritzsche Dodge & Olcott Inc.: *See—*

Farbood, Mohamad I.; and Willis, Brian J., 4,560,656, Cl. 435-146.000.

Willis, Brian J.; Eilerman, Robert G.; Christenson, Philip A.; and Yurecko, John M., Jr., 4,510,319, Cl. 560-231.000.

Fritzsche, Klaus-Dietrich: *See—*

Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.

Fritzsche nee Lukacs, Ildiko : *See—*

Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.

Frizzell, Leon A.: *See—*

Cain, Charles A.; and Frizzell, Leon A., 4,549,533, Cl. 128-24.00A.

Frizzell, Marvin L. Pump off control. 4,507,053, 3-26-85, Cl. 417-12.000.

FRL, Inc.: *See—*

Johnson, David E.; and Williams, Richard W., 4,514,692, Cl. 324-329.000.

FROCEMCO, Inc.: *See—*

Jasperse, Philip D.; Weis, Siegfried K.; and Sovis, Milo D., Jr., 4,530,609, Cl. 384-482.000.

Frodrich, Horst: *See—*

Kesselring, Lutz; and Frodrich, Horst, 4,526,274, Cl. 206-231.000.

Froehlich, Harold E., to Minnesota Mining and Manufacturing Company. Staple and cartridge for use in a tissue stapling device and a tissue closing method. 4,526,174, 7-2-85, Cl. 128-335.000.

Froehlich, Peter: *See—*

Herb, Armin; and Froehlich, Peter, 4,560,311, Cl. 411-44.000.

Froehling, Paul H.; Anders, Jude R.; Strojny, Lawrence J.; and Rehberger, James M., to Johnson Service Company. Direct digital control apparatus for automated monitoring and control of building systems. 4,497,031, 1-29-85, Cl. 364-505.000.

Froelich, Leo. Apparatus for refinishing a pelletizing die. 4,543,750, 10-1-85, Cl. 51-50.00R.

Froeliger, Denis, to Societe d'Electronique Industrielle d'Elbeuf-Elindel. Broadcast receiver comprising an entirely electronic control device. 4,495,651, 1-22-85, Cl. 455-158.000.

Froes, Francis H.: *See—*

Bomberger, Howard B.; and Froes, Francis H., 4,534,938, Cl. 420-590.000.

Eylon, Daniel; and Froes, Francis H., 4,534,808, Cl. 148-133.000.

Eylon, Daniel; and Froes, Francis H., 4,536,234, Cl. 148-133.000.

Smith, Paul R.; and Froes, Francis H., 4,499,156, Cl. 428-614.000.

Weiss, Isaac; Froes, Francis H.; and Eylon, Daniel, 4,548,903, Cl. 436-5.000.

Froeschke, Reinhard, to Santrade Ltd. Apparatus for the production of granulates. 4,559,000, 12-17-85, Cl. 425-6.000.

Froessl, Horst. Document and data handling and retrieval system. 4,553,261, 11-12-85, Cl. 382-57.000.

Frohberger, Paul-Ernst: *See—*

Elbe, Hans-Ludwig; Buchel, Karl H.; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,500,537, Cl. 514-383.000.

Holmwood, Graham; Lurssen, Klaus; and Frohberger, Paul-Ernst, 4,515,617, Cl. 71-76.000.

Holmwood, Graham; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Paul, Volker, 4,518,600, Cl. 514-256.000.

Holmwood, Graham; Buchel, Karl H.; Lurssen, Klaus; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,532,341, Cl. 549-559.000.

Jager, Gerhard; Buchel, Karl H.; Kramer, Wolfgang; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,505,922, Cl. 514-383.000.

Jager, Gerhard; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,514,409, Cl. 514-383.000.

Knops, Hans-Joachim; Kramer, Wolfgang; and Frohberger, Paul-Ernst, 4,495,184, Cl. 514-238.000.

Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, 4,549,900, Cl. 71-92.000.

Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Regel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,530,715, Cl. 71-76.000.

Kuhle, Engelbert; Brandes, Wilhelm; and Frohberger, Paul-Ernst, 4,515,812, Cl. 514-592.000.

Regel, Erik; Buchel, Karl H.; Lurssen, Klaus; and Frohberger, Paul-Ernst, 4,507,141, Cl. 71-76.000.

Regel, Erik; Draber, Wilfried; Buchel, Karl H.; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,559,077, Cl. 71-76.000.

Frohbieter, Edwin H., to Whirlpool Corporation. Enclosure with double acting hinge mechanism having overcenter latch. 4,503,583, 3-12-85, Cl. 16-232.000.

Frohbieter, Edwin H.: *See—*

Malchow, Gregory L.; and Frohbieter, Edwin H., 4,553,404, Cl. 62-262.000.

Frohler, Hanns; and Rossberger, Erwin, to Dipl.-Ing. Hanns Frohler. Process and a device for the production of chlorine dioxide. 4,543,243, 9-24-85, Cl. 423-478.000.

Frohlich, Christian: *See—*

Goldmann, Gerd; Spott, Georg; and Frohlich, Christian, 4,533,432, Cl. 159-47.100.

Frohlich, Jurg: *See—*

Richter, Roland; Muller, Hanns P.; Wagner, Kuno; Riberi, Bernd; and Frohlich, Jurg, 4,518,761, Cl. 528-67.000.

Frohlich, Sigurd; and Morris, James V., to BMC Industries, Inc. Process for plasma desmear etching of printed circuit boards and apparatus used therein. 4,496,420, 1-29-85, Cl. 156-643.000.

Frohlich, Sigurd. Piezoelectric-enhanced circuit connection means. 4,525,644, 6-25-85, Cl. 310-328.000.

Frohman, Richard J.: *See—*

Tsutsumi, Masataka; and Frohman, Richard J., 4,555,330, Cl. 209-254.000.

Froilan, Faustino C. Endotrachael tube and holder. 4,530,354, 7-23-85, Cl. 128-207.170.

Frois, Mauricio; and Leo, Daniel W., to Ledan, Inc. Illuminated sign construction. 4,559,731, 12-24-85, Cl. 40-546.000.

Frola, Pasquale. Method and composition for protecting an electrical grounding device. 4,540,845, 9-10-85, Cl. 174-7.000.

Frolke, Wilhelm: *See—*

Traunecker, Werner; Frolke, Wilhelm; Kreuzer, Heinrich; and Kollmer, Hans P., 4,499,106, Cl. 514-603.000.

Frolov, Alexandr D.: *See—*

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Frolova, Nadezhda A.: *See—*

Lipets, Adolf U.; Alexandrov, Boris I.; Kuznetsova, Svetlana M.; Okerblom, Jury I.; Ershov, Jury A.; Frolova, Nadezhda A.; Malkis, Valery A.; Sotnikov, Ivan A.; Fedosov, Alexei Z.; and Petrosyan, Robert A., 4,501,320, Cl. 165-144.000.

Fromageot, Pierre: *See—*

Charon, Marie-Helene; Fromageot, Pierre; and Van Chuong, Paul P., 4,530,837, Cl. 514-18.000.

Fromageries Bel: *See—*

Durand, Daniel; and Grandadam, Yves, 4,532,146, Cl. 426-580.000.

Froment, Jean P., to S.A. des Etablissements Staubli (France). Draw lever assemblies mounted on the dobbies and other mechanism for

- forming the shed on weaving machines. 4,546,800, 10-15-85, Cl. 139-66.00A.
- Froment, Jean-Paul; and Houlon, Louis P. Leveling device for weaving mechanisms incorporating cams of the negative type. 4,534,385, 8-13-85, Cl. 139-79.000.
- Froment, Jean-Paul, to S.A. des Etablissements Staubli (France). Dobbies incorporating double swinging levers for weaving looms. 4,557,298, 12-10-85, Cl. 139-71.000.
- Fromm, Ellsworth H.: *See—*
  - Schirmer, Robert M.; and Fromm, Ellsworth H., 4,498,287, Cl. 60-39.020.
- Fromm, Ingrid, to Siemens Aktiengesellschaft. Optical device for monitoring critical speeds of a rotating member. 4,502,045, 2-26-85, Cl. 340-671.000.
- Fromme, Klaus J.; and Champagne, Roger D., to Bradley Corporation. Adjustable wall sleeve. 4,558,472, 12-17-85, Cl. 4-252.00R.
- Frommer, Elmar: *See—*
  - Grosskinsky, Otto-Alfred; Frommer, Elmar; Ritz, Josef; Thomas, Erwin; and Weiss, Franz-Josef, 4,551,318, Cl. 423-265.000.
- Frommer, Jane E.; Elsenbaumer, Ronald L.; and Davidson, Douglass S., to Allied Corporation. Solution of a chalcogen-containing polymer and process of forming conducting polymer articles therefrom. 4,511,494, 4-16-85, Cl. 252-518.000.
- Frommhold, Joachim. Flexible solar heat collector. 4,495,936, 1-29-85, Cl. 126-426.000.
- Frommlet, Hubert; and Hahn, Michael, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Wing mounting for a rotary wing aircraft. 4,547,127, 10-15-85, Cl. 416-134.00A.
- Fromson, Howard A.; and Gracia, Robert F., to Fromson, Howard A. Lithographic printing plate with resin reinforced image and process. 4,501,810, 2-26-85, Cl. 430-302.000.
- Fromson, Howard A.; and Gracia, Robert F., to Howard A. Fromson. Security medium and secure articles and methods of making same. 4,507,349, 3-26-85, Cl. 428-195.000.
- Fromson, Robert E., to Westinghouse Electric Corp. Controlled metal removal by parallel-to-face electrochemical machining. 4,541,909, 9-17-85, Cl. 204-129.200.
- Froncisz, Wojciech; and Hyde, James S., to Medical College of Wisconsin, Inc., The. Enclosed loop-gap resonator. 4,504,788, 3-12-85, Cl. 324-316.000.
- Fronduto, John: *See—*
  - Lee, Chung H.; Fronduto, John; and Oettinger, Peter F., 4,519,876, Cl. 204-15.000.
- Froning, Edward C.; and Graham, Gregory S. Liquid transfer device. 4,505,709, 3-19-85, Cl. 604-411.000.
- Froning, Edward C.; and Graham, Gregory S., to Froning, Edward C. Cannula, obturator, stylet and needle hub connectors for lumbar disc puncture. 4,511,356, 4-16-85, Cl. 604-164.000.
- Froning, Edward C.; and Graham, Gregory S., to Froning, Edward C. X-ray marker device. 4,543,091, 9-24-85, Cl. 604-116.000.
- Froning, H. Robert; and Yellig, William F., Jr., to Amoco Corporation. Method of forming carbon dioxide mixtures miscible with formation crude oils. 4,529,037, 7-16-85, Cl. 166-266.000.
- Fronius, Klaus, to Miller Electric Manufacturing Company. Electronic welding apparatus. 4,521,671, 6-4-85, Cl. 219-130.310.
- Fronius, Klaus, to Miller Electric Manufacturing Company. Electronic welding apparatus. 4,521,672, 6-4-85, Cl. 219-130.330.
- Fronk, Matthew H., to General Motors Corporation. Fuel injector governor. 4,502,440, 3-5-85, Cl. 123-367.000.
- Frontier Antiques, Inc.: *See—*
  - Perez-Tubens, Drucilla M.; and Stewart, Thomas R., 4,542,838, Cl. 223-87.000.
- Frontier Contact Lenses of Florida, Inc.: *See—*
  - Sitterle, George, 4,508,436, Cl. 351-160.00H.
- Frontier Electronics, Inc.: *See—*
  - Cochran, John M., Jr.; and Cleveland, Ronald N., 4,524,839, Cl. 177-45.000.
- Fronzoni, Mario A.: *See—*
  - Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., 4,512,821, Cl. 148-16.500.
  - Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., 4,524,957, Cl. 266-252.000.
- Froom, Thomas W., to Rendoll Paper Corporation. Folding ice-cream carton, carton blank and method. 4,526,563, 7-2-85, Cl. 493-151.000.
- Froom, Thomas W. Carton for packaging ice cream or like frozen, initially liquid or semi-solid material. 4,555,027, 11-26-85, Cl. 206-626.000.
- Frosch, Hans: *See—*
  - Rommen, Hans; and Frosch, Hans, 4,510,783, Cl. 72-200.000.
- Frosien, Juergen: *See—*
  - Lischke, Burkhard; Frosien, Juergen; Anger, Klaus; and Plies, Erich, 4,514,638, Cl. 250-492.200.
- Frost, Arthur W., III, to Federal Paper Board Company, Inc. Method of treating chemical process water. 4,525,278, 6-25-85, Cl. 210-638.000.
- Frost, Barry L., to Doug Nash Equipment & Engineering. Two-speed auxiliary transmission. 4,539,856, 9-10-85, Cl. 74-363.000.
- Frost, Charles B., to United States of America, Energy. Rigid zeolite containing polyurethane foams. 4,518,718, 5-21-85, Cl. 521-122.000.
- Frost, Charles C.; and Weis, Siegfried K., to Conveyor Maintenance & Supply, Inc. Conveyor and/or chain lubrication apparatus. 4,506,763, 3-26-85, Cl. 184-15.200.
- Frost, Donald J., to Modine Manufacturing Company. Heat exchanger with back to back turbulators and flow directing embossments. 4,561,494, 12-31-85, Cl. 165-76.000.
- Frost, Donald J.: *See—*
  - Chestnut, Raymond; Colussi, John J.; Frost, Donald J.; Keen, William E., Jr.; and Raduta, Margaret C., 4,514,307, Cl. 210-751.000.
- Frost, Heinz-Helmut: *See—*
  - Ehlscheid, Gunter; and Frost, Heinz-Helmut, 4,537,588, Cl. 493-342.000.
- Frost, John G.: *See—*
  - Money, David K.; Swift, Stephen; MacLaurin, Andrew; and Frost, John G., 4,509,529, Cl. 128-708.000.
- Frost, John R.: *See—*
  - Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,503,083, Cl. 426-553.000.
  - Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,526,799, Cl. 426-553.000.
  - Vaccaro, Nancy J.; Frost, John R.; Glatz, Alfred C.; and Schenz, Timothy W., 4,536,410, Cl. 426-548.000.
- Frost, Jonathan R.: *See—*
  - Bertin, Jean; and Frost, Jonathan R., 4,503,058, Cl. 514-214.000.
- Frost, Kenneth S.; Halberstadt, Alex L.; and Letchford, John A., to Thorn EMI Domestic Appliances Limited. Heating apparatus. 4,556,786, 12-3-85, Cl. 219-464.000.
- Frost, Paul T.; and Thomas, Robert T., to Frost, Paul T. Hydraulic oil counting device and water separator. 4,499,376, 2-12-85, Cl. 250-341.000.
- Frost, Richard B., to Unisearch Limited. Co-axial tube surgical infusion/suction cutter tip. 4,517,977, 5-21-85, Cl. 128-305.000.
- Frost, Richard B.: *See—*
  - Antony, Gabriel; and Frost, Richard B., 4,539,754, Cl. 33-169.00R.
- Froude Consine Limited: *See—*
  - Hitchcock, Keith N., 4,520,660, Cl. 73-120.000.
- Fruchey, Melvin C.; and Kubicki, Michael J., to Owens-Illinois, Inc. Dual carton. 4,533,052, 8-6-85, Cl. 206-602.000.
- Fruchey, Olan S., to Celanese Corporation. Copper and manganese recovery from C_5-C_9 saturated aliphatic monocarboxylic acids. 4,500,464, 2-19-85, Cl. 260-413.000.
- Fruchey, Olan S.; and Alder, James S., to Celanese Corporation. Hydrolysis of anhydride in the production of C_5-C_9 saturated aliphatic monocarboxylic acids. 4,529,550, 7-16-85, Cl. 260-413.000.
- Fruechte, Roger D.: *See—*
  - Agarwal, Paul D.; Fruechte, Roger D.; Kade, Alexander; and Radomski, Thomas A., 4,527,653, Cl. 180-79.100.
- Fruehauf Corporation: *See—*
  - Martin, John F.; and Zweifel, Charles H., 4,546,852, Cl. 182-12.000.
- Fruhauf, Waldemar, to Siemens Aktiengesellschaft. System for the transmission of information messages. 4,528,667, 7-9-85, Cl. 371-55.000.
- Fruitstone, Mitchell J.: *See—*
  - Roman, Daniel P., Jr.; and Fruitstone, Mitchell J., 4,540,565, Cl. 424-11.000.
- Frulla, Floro F.; Stuber, Fred A.; and Whitman, Peter J., to Dow Chemical Company, The. Preparation of carbamates. 4,550,188, 10-29-85, Cl. 560-24.000.
- Frumin, Isidor I.: *See—*
  - Bragin, Boris F.; Gladky, Petr V.; Markuntovich, Felix D.; Perepletchikov, Evgeny F.; Frumin, Isidor I.; and Ekber, Boris Y., 4,506,865, Cl. 251-366.000.
- Frund, Louis: *See—*
  - Christinat, Pierre L.; and Frund, Louis, 4,505,135, Cl. 66-157.000.
- Frungel, Frank; and Rohr, Jurgen. Microprocessor-driven laser ceilometers. 4,511,249, 4-16-85, Cl. 356-5.000.
- Frungel, Frank. Visibility meter and components used therein. 4,515,477, 5-7-85, Cl. 356-338.000.
- Frushtick, Leonard, to Leonard Automatics, Inc. Waist expander for trouser finisher. 4,538,370, 9-3-85, Cl. 38-42.000.
- Frusta, Georges; and Prudhon, Francois, to Atochem. Device which can be used for the combustion of corrosive products and process using this device. 4,505,667, 3-19-85, Cl. 431-182.000.
- Fruth, Franz: *See—*
  - Mullritter, Ludwig; Schnall, Gunther; and Fruth, Franz, 4,515,356, Cl. 270-53.000.
  - Reschenhofer, Rudolf; Mullritter, Ludwig; Schnall, Gunther; and Fruth, Franz, 4,497,478, Cl. 270-53.000.
- Frutin, Bernard D., to Rocep-Lusol Holdings Limited. Pressurized dispensing apparatus. 4,556,156, 12-3-85, Cl. 222-386.500.
- Frutschi, Hans-Ulrich, to BBC Brown, Boveri & Company, Limited. Air storage power station. 4,523,432, 6-18-85, Cl. 60-659.000.
- Fruttero, Roberta: *See—*
  - Francese, Renato; Fruttero, Roberta; Messori, Vittorio; and Peluffo, Anna, 4,502,881, Cl. 71-92.000.
- Fruzzetti, Paul R.; Leavitt, Philip J.; and Nuzzi, Frank J., to Varian Associates, Inc. Counterflow leak detector with cold trap. 4,499,752, 2-19-85, Cl. 73-40.700.
- Fruzzetti, Paul R., to Varian Associates, Inc. Ball-type vacuum valve for leak detection apparatus. 4,558,587, 12-17-85, Cl. 73-40.700.
- Fruzzetti, Richard E.: *See—*
  - Wolfe, James D.; Kimball, Michael E.; and Fruzzetti, Richard E., 4,552,913, Cl. 524-240.000.
- Fry, Bradley; and Wexler, Alvin, to Tasc Ltd. Reconstruction system and methods for impedance imaging. 4,539,640, 9-3-85, Cl. 364-414.000.
- Fry, Daniel J. Reloader for muzzle loaders. 4,536,983, 8-27-85, Cl. 42-90.000.
- Fry, Francis J.: *See—*
  - Eggleton, Reginald C.; and Fry, Francis J., 4,546,771, Cl. 128-660.000.

Fry, Jeremy J., to Rotork Controls Limited. Valve actuators. 4,546,671, 10-15-85, Cl. 74-625.000.

Fry, Jewell C. Device for attaching a hooked item for catching fish or the like to a line with a knot therein. 4,535,562, 8-20-85, Cl. 43-44.950.

Fry, John S.: *See—*
Salensky, George A.; and Fry, John S., 4,544,688, Cl. 523-458.000.

Fry, Richard B. Multi-harness loom control. 4,556,945, 12-3-85, Cl. 364-470.000.

Fry, Thomas H. Solid waste processing. 4,553,977, 11-19-85, Cl. 44-1.00D.

Fryd, Michael; and Merriman, Burt T., Jr., to Du Pont de Nemours, E. I., and Company. Polyimide coating compositions of esterified anhydride and aromatic amine mixture. 4,533,574, 8-6-85, Cl. 427-385.500.

Fryd, Michael; and Goff, David L., to Du Pont de Nemours, E. I., and Company. Process for making photopolymerizable aromatic polyamic acid derivatives. 4,551,522, 11-5-85, Cl. 528-351.000.

Fryd, Michael; and Merriman, Burt T., Jr., to Du Pont de Nemours, E. I., and Company. Polyimide coating compositions from diesterified anhydride and aromatic diamine. 4,562,100, 12-31-85, Cl. 427-385.500.

Fryday Corporation: *See—*
Hice, Jaxon O.; and Webb, Gerald J., 4,497,844, Cl. 426-643.000.

Frydman, Allen: *See—*
Reimann, Hans; Frydman, Allen; and Fuchs, Uwe, 4,500,429, Cl. 210-616.000.

Frye, Elam C., Jr.: *See—*
Hyltin, Tom M.; Milner, Thomas G.; and Frye, Elam C., Jr., 4,501,939, Cl. 200-6.00A.

Frye, John G., Jr.: *See—*
Mazanec, Terry J.; and Frye, John G., Jr., 4,559,316, Cl. 502-73.000.

Frye, John W., Jr. Rudder-tiller control system for a boat. 4,522,142, 6-11-85, Cl. 114-163.000.

Frye, Kenneth G.; and Karis, Arthur T., to Beloit Corporation. Curl neutralizer. 4,539,072, 9-3-85, Cl. 162-197.000.

Frye, Kenneth G.; and Gill, Michael L., to Beloit Corporation. Compliant drum and rider roll. 4,541,585, 9-17-85, Cl. 242-66.000.

Frye, Kenneth G., to Beloit Corporation. Non-dulling slitter. 4,548,117, 10-22-85, Cl. 83-500.000.

Frye, Kent, to Electro-Voice, Incorporated. Horn loudspeaker with convex diaphragm. 4,525,604, 6-25-85, Cl. 179-115.50H.

Frye, Robert B.; and Zembayashi, Michio, to General Electric Company. Flame retardant thermoplastic compositions. 4,536,529, 8-20-85, Cl. 524-284.000.

Frye, Robert B., to General Electric Company. Dual component coating system. 4,562,219, 12-31-85, Cl. 524-91.000.

Frye, Robert C.; Griffith, Joseph E.; and Wong, Yiu H., to AT&T Bell Laboratories. Dielectrically isolated semiconductor devices. 4,501,060, 2-26-85, Cl. 29-576.00W.

Frye, Samuel M.; and Singleton, James O., to Milliken Research Corporation. Double sidewinder. 4,514,134, 4-30-85, Cl. 414-659.000.

Fryer, Alan. Portable computer classroom. 4,538,995, 9-3-85, Cl. 434-432.000.

Fryer, George B.; and Stepneski, David A., to International Business Machines Corporation. Video image field cut processing. 4,493,108, 1-8-85, Cl. 382-61.000.

Fryer, George B.: *See—*
Bednar, Gregory M.; and Fryer, George B., 4,562,594, Cl. 382-9.000.

Fryer, Richard B.: *See—*
Boord, Warren T.; and Fryer, Richard B., 4,533,872, Cl. 324-252.000.

Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, to Hoffmann-La Roche Inc. Pyrimido-2-benzazepines. 4,546,183, 10-8-85, Cl. 544-330.000.

Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, to Hoffmann-La Roche Inc. Pyrimido-2-benzazepines and intermediates in their preparation. 4,547,581, 10-15-85, Cl. 549-451.000.

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Fryer, Rodney I.; Trybulski, Eugene J.; and Walser, Armin, to Hoffmann-La Roche Inc. 3H-2-benzazepines. 4,549,988, 10-29-85, Cl. 260-239.0BB.

Frykhult, Rune H.; and Rundquist, Lars-Goran, to AB Celleco. Hydrocyclone separator. 4,510,056, 4-9-85, Cl. 210-512.100.

Frymaster Corporation, The: *See—*
Davis, John, 4,549,527, Cl. 126-374.000.

Fryszczyn, Bogdan; Bahder, George, deceased; and Bahder, Alice, legal representative, to American Public Power Association. Apparatus and method for prolonging the service life of electrical power cables. 4,545,133, 10-8-85, Cl. 34-21.000.

Fu, Chong-Cheng; and Gerzberg, Levy, to Leland Stanford Junior University, The Board of Trustees of the. Ultrasonic transducers and applications thereof. 4,519,260, 5-28-85, Cl. 73-861.250.

Fu, Horng S.: *See—*
Houston, Theodore W.; Tasch, Al F., Jr.; Darley, Henry M.; and Fu, Horng S., 4,553,316, Cl. 29-571.000.

Fu, Horng-Sen: *See—*
Chen, Devereaux C.; and Fu, Horng-Sen, 4,535,528, Cl. 29-571.000.

Fu, Wallace Y., to Union Carbide Corporation. Process for making thiobiscarbamates. 4,495,093, 1-22-85, Cl. 260-453.300.

Fu, Yun-Lung; and Wang, Samuel S., to American Cyanamid Company. Neutral hydrocarboxycarbonyl thiourea sulfide collectors. 4,556,483, 12-3-85, Cl. 209-166.000.

Fuchigami, Eiji: *See—*
Yoden, Yoshimasa; Okuda, Tsuneo; Fuchigami, Eiji; and Kuwabara, Toshihiro, 4,533,358, Cl. 8-94.200.

Fuchigami, Shuzo: *See—*
Ishizaki, Keiichi; and Fuchigami, Shuzo, 4,525,392, Cl. 427-420.000.

Fuchigami, Tadashi: *See—*
Nishida, Susumu; Fuchigami, Tadashi; Kimura, Seiji; Kishi, Shunsaku; and Kobayashi, Akio, 4,527,624, Cl. 165-184.000.

Fuchikami, Jun; Higashi, Hidehiro; Inoue, Takashi; and Oba, Hiroyuki, to Catalysts & Chemicals Industries Co., Ltd. Hydrocracking catalyst composition and method of making same. 4,500,645, 2-19-85, Cl. 502-65.000.

Fuchikami, Jun; and Yano, Takemithu, to Catalysts & Chemicals Industries Co., Ltd. Catalysts for hydrotreating heavy oils. 4,554,263, 11-19-85, Cl. 502-66.000.

Fuchikami, Takamasa: *See—*
Kawai, Toshikazu; Negishi, Akira; Ojima, Iwao; and Fuchikami, Takamasa, 4,540,835, Cl. 568-842.000.

Fuchizawa, Testuro: *See—*
Asahina, Miyoshi; Kitagawa, Keishi; and Fuchizawa, Testuro, 4,547,445, Cl. 430-22.000.

Fuchizawa, Tetsuro: *See—*
Asao, Yasuzi; and Fuchizawa, Tetsuro, 4,508,804, Cl. 430-62.000.
Shiba, Keisuke; Fuchizawa, Tetsuro; Nakao, Sho; and Ohishi, Chikashi, 4,555,461, Cl. 430-49.000.
Tamagawa, Shigehisa; and Fuchizawa, Tetsuro, 4,508,751, Cl. 427-44.000.

Fuchs, Adrian: *See—*
Salour, Michael M.; and Fuchs, Adrian, 4,495,782, Cl. 62-514.00R.

Fuchs, Andreas: *See—*
Harting, Jurgen; and Fuchs, Andreas, 4,522,829, Cl. 514-652.000.

Fuchs, Daniel G.; and Rudd, Larry R., to Knapheide Mfg. Co., The. Latching device. 4,505,501, 3-19-85, Cl. 292-62.000.

Fuchs, Dieter; and Ruhland, Hans. Lip seal connected to stiffening ring by rubber-elastic layer. 4,526,383, 7-2-85, Cl. 277-152.000.

Fuchs, Ernst; and Dudli, Andreas, to Mecapec S.A. Rotating biological contactor for the biological purification of waste water. 4,532,035, 7-30-85, Cl. 210-150.000.

Fuchs, Francis J., Jr. Chamfering apparatus. 4,514,121, 4-30-85, Cl. 409-138.000.

Fuchs, Francis J., Jr. Methods of and apparatus for controlling the gap between a mandrel and die during extrusion. 4,523,444, 6-18-85, Cl. 72-21.000.

Fuchs, Francis J., Jr. Methods and apparatus for increasing the efficiency of tubing extrusion. 4,528,832, 7-16-85, Cl. 72-45.000.

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Fuchs, Franz, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Electromagnetic double-valve for controlling the flow of two different materials. 4,543,991, 10-1-85, Cl. 137-595.000.

Fuchs, Gerhard; and Wabersich, Ernst, to Korf & Fuchs Systemtechnik GmbH. Nozzle assembly for a metallurgical furnace. 4,497,475, 2-5-85, Cl. 266-270.000.

Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, to Evana Tool & Engineering Inc. Conveyor transfer mechanism. 4,498,397, 2-12-85, Cl. 104-35.000.

Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, to Evana Tool & Engineering Inc. Folding of flat sheet to exact interior height. 4,530,729, 7-23-85, Cl. 156-217.000.

Fuchs, Helmut, to Textilmaschinenfabrik Dr. Ernst Fehrer Aktiengesellschaft. Apparatus for making a yarn. 4,502,272, 3-5-85, Cl. 57-401.000.

Fuchs, Helmut, to Textilmaschinenfabrik Dr. Ernst Fehrer Aktiengesellschaft. Process and apparatus for spinning a staple fiber joined to a previously spun yarn. 4,537,020, 8-27-85, Cl. 57-263.000.

Fuchs, Helmut: *See—*
Fiedler, Karl E.; and Fuchs, Helmut, 4,541,679, Cl. 339-97.00P.

Fuchs, Hermann; and Filzinger, Klaus, to Hoechst Aktiengesellschaft. Water-soluble disazo compounds and new bis-(aminophenoxy)-ethane compounds having fiber-reactive groups as the tetrazo components, and use of the disazo compounds as dyestuffs. 4,534,908, 8-13-85, Cl. 260-458.00C.

Fuchs, Hugo: *See—*
Wintermantel, Klaus; Stockburger, Dieter; and Fuchs, Hugo, 4,493,719, Cl. 62-532.000.

Fuchs, Max: *See—*
Schimko, Reinhold; Radl, Franz; and Fuchs, Max, 4,502,300, Cl. 66-71.000.

Fuchs, Otto, to Burroughs Corporation. Back-bar attachment and associated fixture. 4,518,940, 5-21-85, Cl. 335-285.000.

Fuchs, Otto, to Burroughs Corporation. Methods of fashioning glass bonded device. 4,540,423, 9-10-85, Cl. 65-18.100.

Fuchs, Peter; Mueller-Glaser, Klaus; Schuett, Dieter; and Wach, Wolfgang, to Siemens Aktiengesellschaft. Programmable logic array. 4,534,008, 8-6-85, Cl. 364-716.000.

Fuchs, Rainer; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, to Bayer Aktiengesellschaft. Combating pests with novel phenoxypyridylmethyl esters. 4,491,585, 1-1-85, Cl. 424-263.000.

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Fuchs, Rainer; and Naumann, Klaus, to Bayer Aktiengesellschaft. Process for the preparation of certain enantiomeric pairs of α-cyano-3-phenoxy-4-fluoro-benzyl permethrate. 4,544,508, 10-1-85, Cl. 260-465.00D.

Fuchs Systems, Inc.: *See—*
- Bleimann, Karl R.; Fookes, Michael J.; McVicker, Richard W.; Munn, John W.; and Nelson, Eugene R., 4,525,139, Cl. 431-189.000.

Fuchs, Uwe; and Wildmoser, Alfred, to Linde Aktiengesellschaft. Activated sludge system with integrated regenerator. 4,521,311, 6-4-85, Cl. 210-616.000.

Fuchs, Uwe, to Linde Aktiengesellschaft. Process for the compressive regeneration of flexible, porous materials. 4,524,139, 6-18-85, Cl. 502-22.000.

Fuchs, Uwe: *See—*
- Morper, Manfred; and Fuchs, Uwe, 4,551,250, Cl. 210-603.000.
- Reimann, Hans; Frydman, Allen; and Fuchs, Uwe, 4,500,429, Cl. 210-616.000.

Fuchs, Werner: *See—*
- Rieber, Norbert; Bohm, Heinrich; Platz, Rolf; and Fuchs, Werner, 4,562,262, Cl. 548-257.000.

Fuchs, Wilfried; Richter, Horst; Kober, Roland; Kaufmann, Vendelin; and Muller, Christina, to VEB Leuna-Werke "Walter Ulbricht". Method for improving the initial activity of activated hydrazine. 4,519,997, 5-28-85, Cl. 423-265.000.

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Fuchs, Wolfgang: *See—*
- Baumann, Fritz; Kranzler, Ernst; Radke, Siegmund; Schilling, Rainer; Fuchs, Wolfgang; and Rieker, Werner, 4,492,344, Cl. 242-1.000.

Fuchsberger, Hermann: *See—*
- Scherl, Wolfgang; Abele, Ludwig; Wahl, Friedrich M.; and Fuchsberger, Hermann, 4,504,972, Cl. 382-51.000.

Fudala, Chester S., to Ferro Manufacturing Corporation. Power recliner. 4,521,055, 6-4-85, Cl. 297-362.000.

Fuderer, Andrija, to Union Carbide Corporation. Activated carbon adsorbent with increased heat capacity and the production thereof. 4,499,208, 2-12-85, Cl. 502-415.000.

Fuderer, Andrija, to Union Carbide Corporation. Pressure swing adsorption with intermediate product recovery. 4,512,780, 4-23-85, Cl. 55-26.000.

Fuderer, Andrija, to Union Carbide Corporation. Enhanced hydrogen recovery from effluent gas streams. 4,553,981, 11-19-85, Cl. 48-62.00R.

Fudge, Chester: *See—*
- Kasprzycki, Robert; and Fudge, Chester, 4,521,981, Cl. 40-2.00A.

Fudickar, Harald; and Thies, Peter, to Wagener Schwelm GmbH & Co. Belt press with multiple press frames. 4,554,043, 11-19-85, Cl. 156-502.000.

Fudickar, Harald; and Thies, Peter, to Wagener Schwelm GmbH & Co. Belt press with upper and lower bend compensators. 4,557,791, 12-10-85, Cl. 156-580.000.

Fuehrer, Reece R., to General Motors Corporation. Torque converter attachment and method. 4,502,279, 3-5-85, Cl. 60-330.000.

Fuentes, Ricardo, Jr.; and Esneault, Calvin P., to Dow Chemical Company, The. Process for polymerizing olefins in the presence of a catalyst prepared from organomagnesium compound, organic hydroxyl-containing compound, reducing halide source and transition metal compound. 4,526,943, 7-2-85, Cl. 526-133.000.

Fuentes, Ricardo, Jr.; and Esneault, Calvin P., to Dow Chemical Company, The. Catalyst prepared from organomagnesium compound, carbon dioxide, reducing aluminum source, transition metal compound and zinc compound. 4,529,715, 7-16-85, Cl. 502-115.000.

Fuentes, Ricardo, Jr.; and Esneault, Calvin P., to Dow Chemical Company, The. Catalyst prepared from organomagnesium compound, organic hydroxyl-containing compound, reducing halide source and transition metal compound. 4,544,647, 10-1-85, Cl. 502-115.000.

Fuentes, Ricardo, Jr.: *See—*
- Esneault, Calvin P.; Fuentes, Ricardo, Jr.; and Meiske, Larry A., 4,530,915, Cl. 502-115.000.
- Gessell, Donald E.; Gibbs, Ronald L.; and Fuentes, Ricardo, Jr., 4,496,660, Cl. 502-111.000.

Fuerniss, Stephen J., to Du Pont de Nemours, E. I., and Company. Release compound in negative acting photopolymerizable element. 4,497,889, 2-5-85, Cl. 430-260.000.

Fuerniss, Stephen J.: *See—*
- Briney, Gary C.; and Fuerniss, Stephen J., 4,517,281, Cl. 430-322.000.

Fuerst, Erwin J. Sealing mat for hull breaches. 4,527,500, 7-9-85, Cl. 114-229.000.

Fuerste, William C. Method and device for discouraging cigarette smoking. 4,557,279, 12-10-85, Cl. 131-270.000.

Fuerstenau, Douglas W.: *See—*
- Attia, Yosry A.; and Fuerstenau, Douglas W., 4,552,652, Cl. 209-5.000.

Fuerstenwerth, Hauke: *See—*
- Bergthaller, Peter; Rosenhahn, Lothar; Herd, Karl J.; Fuerstenwerth, Hauke; and Stolzenburg, Rudolf, 4,559,296, Cl. 430-519.000.

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- Stender, Erich; and Fuesers, Wilhelm G., 4,554,816, Cl. 72-368.000.

Fufukawa, Yoshimi: *See—*
- Sano, Shoichi; and Fufukawa, Yoshimi, 4,557,493, Cl. 280-91.000.

Fugakawa, Yasuo: *See—*
- Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.

Fugazza, Ermanno; and Dal Poz, Giuseppe, to A.M.S.E.A.-Azienda Meccanica. Starter for internal combustion engines. 4,543,922, 10-1-85, Cl. 123-179.00S.

Fugedi, Peter: *See—*
- Szejtli, Jozsef; Liptak, Andras; Nanasi, Pal; Fugedi, Peter; Jodal, Ildiko; Kandra, Lili; and Janossy, Lorant, 4,542,211, Cl. 536-103.000.

Fugleberg, Sigmund P.: *See—*
- Blomquist, Seppo I.; Saarela, Markku T.; Pouru, Hannu J.; Nyman, Bror G.; Lindroos, Kaj-Henrik; Koivunen, Timo T.; and Fugleberg, Sigmund P., 4,526,650, Cl. 156-642.000.

Fugner, Armin: *See—*
- Mentrup, Anton; Schromm, Kurt; Renth, Ernst-Otto; Muacevic, Gojko; and Fugner, Armin, 4,558,061, Cl. 514-392.000.
- Walther, Gerhard; Schneider, Claus; Weber, Karl-Heinz; and Fugner, Armin, 4,503,060, Cl. 514-214.000.

Fuher, John: *See—*
- Bantick, John R.; Fuher, John; Hardern, David N.; and Lee, Thomas B., 4,518,612, Cl. 514-457.000.

Fuhge, Peter; Braun, Konrad; and Becker, Udo, to Hoechst Aktiengesellschaft. Reagent for the determination of ristocetin cofactor (v.Willebrand factor). 4,510,126, 4-9-85, Cl. 424-3.000.

Fuhr, Karl; and Freier, Hans-Joachim, to Bayer Aktiengesellschaft. Radiation hardenable primer. 4,528,307, 7-9-85, Cl. 523-440.000.

Fuhreck, John E.: *See—*
- Mikic, Frank; Fuhreck, John E.; and Pacetti, Larry D., 4,497,405, Cl. 206-378.000.
- Nelsen, Richard C.; Wridt, Alfred A.; and Fuhreck, John E., 4,503,619, Cl. 33-181.0AT.

Fuhrer, Hans-Jurgen: *See—*
- Kerpers, Werner; Bonk, Werner; Roser, Dieter; and Fuhrer, Hans-Jurgen, 4,539,737, Cl. 29-423.000.

Fuhrer, Jack S.: *See—*
- Willis, Donald H.; and Fuhrer, Jack S., 4,524,447, Cl. 375-26.000.

Fuhrer, Walter; Ostermayer, Franz; and Zimmermann, Markus, to Ciba-Geigy Corporation. Certain antihypertensive 1-[2-[3-carbamoyl-4-hydroxy phenoxy]alkylene amino]-heterocyclic phenoxypropanol derivatives. 4,559,354, 12-17-85, Cl. 514-357.000.

Fuhring, Heinrich, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Wind turbine with gale protection. 4,517,467, 5-14-85, Cl. 290-44.000.

Fuhrman, Ari, to Color Optics, Ltd. (Partnership). Colored soft contact lens. 4,558,931, 12-17-85, Cl. 351-160.00H.

Fuhrmann, Wolf-Dieter: *See—*
- Zylbert, Thaddeus J.; Fuhrmann, Wolf-Dieter; Hammer, Hans; and Kappertz, Fritz, 4,519,330, Cl. 112-222.000.

Fuhrmann, Wolfgang, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Tappet and a cam contact member therefor. 4,508,067, 4-2-85, Cl. 123-90.490.

Fuisawa Pharmaceutical Company, Ltd.: *See—*
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Fuji Electric Company: *See—*
- Yokomori, Shinji; and Ushijima, Yoshio, 4,557,366, Cl. 194-100.00A.

Fuji Electric Company, Inc.: *See—*
- Hongo, Yasuo, 4,556,985, Cl. 382-30.000.

Fuji Electric Co., Ltd.: *See—*
- Arai, Akio, 4,537,849, Cl. 430-85.000.
- Fujisawa, Hakubun; Nishiura, Masaharu; Haruki, Hiromu; and Uchida, Yoshiyuki, 4,555,636, Cl. 250-578.000.
- Fumoto, Takabumi, 4,510,389, Cl. 250-339.000.
- Funyu, Yutaka; Okumura, Tadashi; Monno, Asao; and Shimizu, Masami, 4,491,731, Cl. 250-358.100.
- Guiler, Richard S., 4,551,999, Cl. 70-159.000.
- Hayashi, Hideo; Takamatsu, Iwao; and Nakai, Ikuo, 4,491,705, Cl. 200-147.00R.
- Hino, Kazuhiko, 4,498,205, Cl. 5-449.000.
- Imose, Kazuo; Yamamuro, Kiyoshi; Takeuchi, Hironori; and Misawa, Takashi, 4,518,962, Cl. 340-870.280.
- Kawasaki, Kikuo; and Sano, Tomomi, 4,517,651, Cl. 364-479.000.
- Kawasaki, Kikuo; and Sano, Tomomi, 4,553,211, Cl. 364-479.000.
- Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, 4,522,904, Cl. 430-54.000.
- Kondo, Kazuo; Imamura, Seiji; Saito, Shigemasa; Akimoto, Mamoru; and Sunaga, Mitsuo, 4,523,711, Cl. 228-198.000.
- Kuroki, Kazuo, 4,540,945, Cl. 328-134.000.
- Kuroki, Kazuo, 4,551,635, Cl. 307-254.000.
- Maruyama, Kazumi; and Uchida, Yoshiyuki, 4,507,519, Cl. 136-258.000.
- Matsushita, Shigetada; and Doi, Yuji, 4,509,366, Cl. 73-861.020.
- Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,545,070, Cl. 382-48.000.
- Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,555,801, Cl. 382-44.000.
- Shigemasa, Saito, 4,493,964, Cl. 219-78.020.
- Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.

  - Shotaro, Yokoyama; and Takashi, Nishibe, 4,556,789, Cl. 250-206.000.
  - Takezoe, Fumihiko; and Fujii, Junichi, 4,500,953, Cl. 364-200.000.
  - Tanaka, Nobuyasu; Ohashi, Mitunari; and Iwamoto, Shohzoh, 4,498,569, Cl. 193-27.000.
  - Tominaga, Hiroshi, 4,556,198, Cl. 254-122.000.
  - Yasuhara, Takeshi; and Nabeta, Eiichi, 4,531,193, Cl. 364-551.000.
  - Yokomori, Shinji; and Nakajima, Yoshihisa, 4,513,762, Cl. 133-3.00R.
  - Yokoyama, Shotaro; and Nishibe, Takashi, 4,542,289, Cl. 250-201.000.
- Fuji Electric Corporate Research & Development Co., Ltd.: *See—*
  - Maruyama, Kazumi; and Uchida, Yoshiyuki, 4,507,519, Cl. 136-258.000.
  - Yokoyama, Shotaro; and Nishibe, Takashi, 4,529,886, Cl. 250-578.000.
- Fuji Electric Corporate Research & Development, Ltd.: *See—*
  - Fujisawa, Hakubun; Nishiura, Masaharu; Haruki, Hiromu; and Uchida, Yoshiyuki, 4,555,636, Cl. 250-578.000.
  - Fumoto, Takabumi, 4,510,389, Cl. 250-339.000.
  - Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, 4,522,904, Cl. 430-54.000.
- Fuji Electrochemical Co., Ltd.: *See—*
  - Torii, Michihiro; Kosaka, Tomoyoshi; Maeda, Takeo; and Rikukawa, Hiroshi, 4,540,500, Cl. 252-62.580.
- Fuji Electronic Components Ltd.: *See—*
  - Stut, Hans, 4,504,801, Cl. 331-117.00D.
- Fuji Facom Corporation: *See—*
  - Takezoe, Fumihiko; and Fujii, Junichi, 4,500,953, Cl. 364-200.000.
- Fuji Fiber Glass Co., Ltd.: *See—*
  - Kumazawa, Tetsuo; Doi, Hiroaki; Miyadera, Yasuo; Fujioka, Atsushi; and Nagai, Tadashi, 4,528,223, Cl. 428-36.000.
- Fuji Heavy Industries Ltd.: *See—*
  - Watanabe, Masaru; Sakai, Toshihide; and Takase, Toshio, 4,517,882, Cl. 98-6.000.
- Fuji Jukogyo Kabushiki Kaisha: *See—*
  - Abe, Kunihiro, 4,493,301, Cl. 123-339.000.
  - Abe, Kunihiro, 4,506,640, Cl. 123-339.000.
  - Abe, Kunihiro; and Morimoto, Yoshihiko, 4,535,289, Cl. 324-208.000.
  - Fukushima, Tatsuhisa; Kasai, Yoshiaki; and Nakamura, Mitsuo, 4,495,579, Cl. 364-431.070.
  - Hara, Kazuo, 4,498,359, Cl. 74-850.000.
  - Hara, Kazuo; and Abe, Kunihiro, 4,519,089, Cl. 377-16.000.
  - Hara, Kazuo, 4,558,677, Cl. 123-440.000.
  - Iwata, Seiichi, 4,545,457, Cl. 180-247.000.
  - Kasai, Yoshiaki; Hiraoka, Yasuo; Yuasa, Masaharu; Harada, Masataka; and Saito, Masao, 4,527,532, Cl. 123-520.000.
  - Kitade, Nobumitsu, 4,498,353, Cl. 74-606.00R.
  - Kobayashi, Toshio, 4,529,070, Cl. 192-3.230.
  - Kodama, Masayuki; and Kobayashi, Toshio, 4,535,650, Cl. 74-665.0GA.
  - Komatsu, Hiroshi, 4,502,581, Cl. 192-70.140.
  - Kudo, Ichiro; Kasai, Yoshiaki; and Yuasa, Masaharu, 4,535,739, Cl. 123-425.000.
  - Makishima, Sadao, 4,529,393, Cl. 474-13.000.
  - Makita, Fujio, 4,499,450, Cl. 340-52.00R.
  - Makita, Fujio, 4,502,579, Cl. 192-0.052.
  - Makita, Fujio, 4,511,014, Cl. 180-233.000.
  - Matsuki, Mitsuo, 4,548,038, Cl. 60-602.000.
  - Mochizuki, Kenji, 4,512,316, Cl. 123-478.000.
  - Morikawa, Koji, 4,541,387, Cl. 123-481.000.
  - Morikawa, Kouji; and Suzuki, Hitoshi, 4,494,493, Cl. 123-52.00M.
  - Morikawa, Kouji, 4,545,347, Cl. 123-308.000.
  - Nakazato, Kazuo, 4,541,384, Cl. 123-437.000.
  - Nakazato, Kazuo, 4,558,680, Cl. 123-559.000.
  - Ohgami, Masaaki; and Nakamura, Mitsuo, 4,498,441, Cl. 123-440.000.
  - Ohgami, Masaaki; and Matsui, Fujio, 4,503,828, Cl. 123-489.000.
  - Ohgami, Masaaki; Hara, Kazuo; and Abe, Kunihiro, 4,555,762, Cl. 364-431.090.
  - Sakai, Tatsuo, 4,537,163, Cl. 123-52.0MC.
  - Sakai, Tatsuo, 4,541,370, Cl. 123-56.0AC.
  - Sakakiyama, Ryuzo, 4,494,641, Cl. 192-0.076.
  - Sakakiyama, Ryuzo, 4,510,903, Cl. 123-339.000.
  - Sakakiyama, Ryuzo, 4,510,903, Cl. 123-339.000.
  - Sakakiyama, Ryuzo, 4,550,816, Cl. 192-0.052.
  - Sakakiyama, Ryuzo, 4,558,414, Cl. 364-424.100.
  - Sakakiyama, Ryuzo, 4,562,541, Cl. 364-424.100.
  - Satoh, Tetsuo; Ohgami, Masaaki; and Ogata, Shoji, 4,549,163, Cl. 340-52.00R.
  - Shibano, Kenji, 4,499,032, Cl. 261-72.00R.
  - Sugiura, Katsuhiko, 4,499,874, Cl. 123-407.000.
  - Sugiura, Katsuhiko, 4,541,381, Cl. 123-407.000.
  - Sugiura, Katsuhiko, 4,556,031, Cl. 123-437.000.
  - Takahashi, Toshio, 4,509,363, Cl. 73-118.000.
  - Takahashi, Toshio, 4,527,424, Cl. 73-119.00A.
  - Takahashi, Toshio, 4,534,214, Cl. 73-118.000.
  - Takahashi, Toshio, 4,546,646, Cl. 73-117.300.
  - Takahashi, Toshio, 4,546,647, Cl. 73-118.000.
  - Takano, Toshio; and Mura, Shinichiro, 4,493,403, Cl. 192-4.00A.
  - Takano, Toshio; and Sakakiyama, Ryuzo, 4,494,639, Cl. 192-0.052.
  - Takano, Toshio; and Sakakiyama, Ryuzo, 4,515,257, Cl. 192-0.075.
  - Takano, Toshio; and Kobayashi, Toshio, 4,552,036, Cl. 74-705.000.
  - Takano, Toshio, 4,556,134, Cl. 192-103.00F.
  - Uchiyama, Shintaro, 4,508,190, Cl. 180-247.000.
  - Yamakawa, Toru, 4,493,190, Cl. 60-714.000.
  - Yamakawa, Toru, 4,512,301, Cl. 123-198.00F.
  - Yamakawa, Toru, 4,560,021, Cl. 180-54.100.
- Fuji Kagakushi Kogyo Co., Ltd.: *See—*
  - Seto, Tadao; and Shimazaki, Yoshikazu, 4,503,095, Cl. 427-265.000.
- Fuji Kiko Company, Limited: *See—*
  - Toyama, Hiroshige; Mizuno, Yoshiyuki; Yamamoto, Yoshimi; and Kato, Mitsuru, 4,560,115, Cl. 242-107.40A.
- Fuji Koeki Kabushiki Kaisha: *See—*
  - Takematsu, Yoshiyuki, 4,509,844, Cl. 354-416.000.
  - Takematsu, Yoshiyuki, 4,510,419, Cl. 315-241.00P.
- Fuji Kogyo Co., Ltd.: *See—*
  - Ohmura, Ryuichi, 4,507,891, Cl. 43-24.000.
  - Ohmura, Ryuichi, 4,535,642, Cl. 74-58.000.
- Fuji Koki Manufacturing Co., Ltd.: *See—*
  - Yoshiga, Kenji, 4,556,193, Cl. 251-129.110.
- Fuji Machine Mfg. Co., Ltd.: *See—*
  - Asai, Koichi; Oe, Kunio; and Tuda, Mamoru, 4,503,607, Cl. 29-832.000.
  - Asai, Koichi; Tsuda, Mamoru; Oe, Kunio; and Muto, Yasuo, 4,515,507, Cl. 414-226.000.
- Fuji Machinery Co., Ltd.: *See—*
  - Seko, Kiyoshi, 4,545,174, Cl. 53-51.000.
- Fuji Oil Company, Limited: *See—*
  - Hirotsuka, Motohiko; and Kito, Makoto, 4,501,694, Cl. 260-123.500.
  - Kawasaki, Yoichi; and Katayama, Tsutomu, 4,551,351, Cl. 426-656.000.
  - Narimatsu, Hiroki; Sakamoto, Kenshi; Edayoshi, Tomoko; and Kubota, Hayato, 4,560,560, Cl. 426-38.000.
  - Yoshida, Hideaki; and Kubota, Hayato, 4,534,982, Cl. 426-36.000.
- Fuji P.S. Concrete Co., Ltd.: *See—*
  - Murakami, Yoshihiko; and Ohta, Noboru, 4,492,552, Cl. 425-218.000.
- Fuji Photo Film Co., Ltd.: *See—*
  - Agano, Toshitaka, 4,548,477, Cl. 350-358.000.
  - Agano, Toshitaka, 4,551,626, Cl. 250-327.200.
  - Akao, Mutsuo, 4,513,050, Cl. 428-200.000.
  - Akashi, Goro; Nahara, Akira; and Arai, Yoshihiro, 4,543,275, Cl. 427-250.000.
  - Akimura, Yoshitaka; Mifune, Hiroyuki; and Nakamura, Koki, 4,520,099, Cl. 430-613.000.
  - Anonuma, Masashi; Tamai, Yasuo; Sato, Tsunehiko; Funabashi, Shinichi; and Ogawa, Hiroshi, 4,511,484, Cl. 252-62.540.
  - Aoki, Haruo; and Terahata, Masahiro, 4,494,845, Cl. 354-297.000.
  - Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, 4,500,635, Cl. 430-552.000.
  - Aoki, Kozo; Umemoto, Makoto; and Ogawa, Akira, 4,524,132, Cl. 430-552.000.
  - Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, 4,557,999, Cl. 430-385.000.
  - Aono, Toshiaki; Hara, Hiroshi; and Naito, Hideki, 4,500,624, Cl. 430-138.000.
  - Aono, Toshiaki; and Nakamura, Koichi, 4,550,071, Cl. 430-203.000.
  - Aotsuka, Yasuo; and Yamamoto, Soichiro, 4,558,002, Cl. 430-538.000.
  - Arai, Fuminori; and Kitajima, Masao, 4,540,670, Cl. 436-170.000.
  - Arai, Noboru; Yokota, Masaji; and Yanagimoto, Takekazu, 4,531,829, Cl. 355-43.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,495,242, Cl. 428-336.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,521,482, Cl. 428-336.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,551,778, Cl. 360-131.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,557,944, Cl. 427-39.000.
  - Arakawa, Satoshi; and Miyahara, Junji, 4,501,683, Cl. 252-301.260.
  - Arakawa, Satoshi; Nakamura, Takashi; and Takahashi, Kenji, 4,534,884, Cl. 252-301.40H.
  - Arakawa, Satoshi; and Takahashi, Kenji, 4,547,672, Cl. 250-483.100.
  - Asahina, Miyoshi; Kitagawa, Keishi; and Fuchizawa, Testuro, 4,547,445, Cl. 430-22.000.
  - Asai, Takamitsu; Kitamoto, Tatsuji; and Akashi, Goro, 4,547,393, Cl. 427-48.000.
  - Asao, Yasuzi; and Fuchizawa, Tetsuro, 4,508,804, Cl. 430-62.000.
  - Asao, Yasuzi; and Yamamoto, Ichiro, 4,522,906, Cl. 430-60.000.
  - Chikamasa, Hiroshi; and Noda, Shinji, 4,554,177, Cl. 427-130.000.
  - Collins, Galen R., 4,554,671, Cl. 375-30.000.
  - Deguchi, Naoyasu; Kameyama, Koji; and Nakamura, Taku, 4,497,893, Cl. 430-359.000.
  - Endo, Katsusuke; Kato, Eiichi; Ohki, Nobutaka; and Ishikawa, Takatoshi, 4,493,888, Cl. 430-405.000.
  - Endo, Katsusuke; and Inagaki, Yoshio, 4,520,096, Cl. 430-233.000.
  - Fujita, Shinsaku; Maekawa, Yukio; and Ono, Shigetoshi, 4,493,885, Cl. 430-223.000.
  - Fujiyama, Masaaki, 4,532,172, Cl. 428-212.000.
  - Fujiyama, Masaaki; Asai, Takamitsu; and Miura, Toshihiko, 4,552,808, Cl. 428-328.000.
  - Fukuda, Hiroshi, 4,556,304, Cl. 354-288.000.
  - Furutachi, Nobuo; and Hirose, Takeshi, 4,503,141, Cl. 430-558.000.
  - Furutachi, Nobuo; and Hirose, Takeshi, 4,513,082, Cl. 430-552.000.
  - Furutachi, Nobuo; Nakamura, Kotaro; and Hirose, Takeshi, 4,556,630, Cl. 430-372.000.
  - Hara, Hiroshi; Tobioka, Takashi; Nishizawa, Tetuo; and Yoshino, Takeshi, 4,505,562, Cl. 354-203.000.
  - Hara, Hiroshi; Tobioka, Takashi; Yoshino, Takeshi; Nishikawa, Tetuo; and Sekine, Jiro, 4,530,582, Cl. 354-203.000.
  - Hara, Yoshio; and Sugimoto, Yukihiro, 4,536,067, Cl. 354-180.000.

Harada, Shigeo, 4,542,388, Cl. 346-76.00L.
Harada, Shigeo, 4,562,579, Cl. 372-26.000.
Hashimoto, Hiroshi; and Okita, Tsutomu, 4,548,833, Cl. 427-44.000.
Hayashi, Yasuhiro; Deguchi, Naoyasu; Yamagami, Hiroyuki; Goda, Kensuke; and Hasebe, Kazunori, 4,554,245, Cl. 430-567.000.
Hino, Hiromasa, 4,516,846, Cl. 354-465.000.
Hino, Hiromasa, 4,517,615, Cl. 360-108.000.
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Hirai, Hiroyuki; and Kawata, Ken, 4,499,180, Cl. 430-559.000.
Hirai, Hiroyuki; and Kawata, Ken, 4,511,650, Cl. 430-559.000.
Hirai, Hiroyuki; Sato, Kozo; and Kawata, Ken, 4,514,493, Cl. 430-617.000.
Hirai, Hiroyuki; and Nakamura, Koichi, 4,529,687, Cl. 430-373.000.
Hirano, Shigeo; and Sakanoue, Kei, 4,501,898, Cl. 548-336.000.
Hirano, Tsumoru; Yagihara, Morio; and Umemoto, Makoto, 4,511,647, Cl. 430-381.000.
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Hirose, Masataka; Kawajiri, Kazuhiro; and Nakajima, Yosuke, 4,523,214, Cl. 357-30.000.
Horie, Seiji; Nakano, Junji; Nagata, Masayoshi; and Sato, Hideo, 4,500,622, Cl. 430-78.000.
Horie, Seiji; Kawamura, Kouichi; Makino, Naonori; and Sato, Hideo, 4,557,988, Cl. 430-58.000.
Horikawa, Kazuo; and Arakawa, Satoshi, 4,496,973, Cl. 358-111.000.
Horikawa, Kazuo; and Arakawa, Satoshi, 4,498,006, Cl. 250-327.200.
Horikawa, Kazuo; and Arakawa, Satoshi, 4,527,061, Cl. 250-327.200.
Horikawa, Kazuo, 4,532,429, Cl. 250-559.000.
Horikawa, Kazuo; and Taniguchi, Yutaka, 4,546,250, Cl. 250-227.000.
Ichijima, Seiji; and Watanabe, Toshiyuki, 4,522,915, Cl. 430-505.000.
Ichijima, Seiji; Mihayashi, Keiji; and Itoh, Isamu, 4,522,917, Cl. 430-564.000.
Ichijima, Seiji; and Hirose, Takeshi, 4,526,861, Cl. 430-385.000.
Ichijima, Seiji; and Hirose, Takeshi, 4,533,625, Cl. 430-552.000.
Ichikawa, Koji, 4,557,425, Cl. 242-55.000.
Ichikawa, Yasunori; Yamaguchi, Shigeru; Kojima, Akira; and Fujiwara, Kazuhiko, 4,539,139, Cl. 252-314.000.
Idota, Yoshio; and Inoue, Noriyuki, 4,514,488, Cl. 430-234.000.
Idota, Yoshio, 4,526,857, Cl. 430-248.000.
Igarashi, Akira; and Matsukawa, Hiroharu, 4,539,578, Cl. 346-207.000.
Ikeda, Kensuke; and Nakamura, Sukenori, 4,533,929, Cl. 346-209.000.
Ikeda, Tadashi; Kuwabara, Kenichi; Yamamuro, Kiyohiko; and Kokubo, Tadayoshi, 4,551,424, Cl. 430-588.000.
Inoue, Nobuaki; Mifune, Hiroyuki; and Nakamura, Koki, 4,539,291, Cl. 430-597.000.
Inoue, Noriyuki; Okazaki, Masaki; Yamamuro, Kiyohiko; and Takei, Haruo, 4,555,482, Cl. 430-574.000.
Inuiya, Masafumi, 4,518,864, Cl. 250-578.000.
Inukai, Yuzo, 4,512,518, Cl. 239-223.000.
Inukai, Yuzo; and Shichijo, Yoshiaki, 4,520,755, Cl. 118-629.000.
Ishibashi, Teruhiko, 4,551,053, Cl. 414-114.000.
Ishiguro, Shoji; Mifune, Hiroyuki; Fuseya, Yoshiharu; and Kojima, Tetsuro, 4,528,264, Cl. 430-609.000.
Ishikawa, Shun-ichi; Nagano, Teruo; Tamoto, Koji; and Shinozaki, Fumiaki, 4,504,573, Cl. 430-288.000.
Ishikawa, Takatoshi; Mitsui, Akio; Morigaki, Masakazu; and Nakamura, Takashi, 4,491,630, Cl. 430-372.000.
Ishikawa, Takatoshi; and Nakajima, Junya, 4,543,322, Cl. 430-380.000.
Ishizaki, Keiichi; and Fuchigami, Shuzo, 4,525,392, Cl. 427-420.000.
Itoh, Isamu; and Hirose, Takeshi, 4,525,450, Cl. 430-552.000.
Iwakura, Ken; and Igarashi, Akira, 4,520,377, Cl. 346-208.000.
Iwakura, Ken; and Ishige, Sadao, 4,535,348, Cl. 346-221.000.
Iwasa, Yasuo; and Ishimaru, Shingo, 4,524,130, Cl. 430-505.000.
Iwasaki, Masayuki; Maeda, Minoru; Shinozaki, Fumiaki; and Kawamura, Kouichi, 4,548,892, Cl. 430-288.000.
Iwasaki, Masayuki; and Umehara, Akira, 4,557,997, Cl. 430-325.000.
Kaida, Shinichi; and Uchiyama, Kaoru, 4,540,456, Cl. 156-159.000.
Kakimi, Fujio; and Mikami, Takeshi, 4,520,091, Cl. 430-110.000.
Kamei, Sadao; Ohashi, Yuichi; Ukai, Toshinao; Yamamuro, Kiyohiko; and Takei, Haruo, 4,546,074, Cl. 430-573.000.
Kamio, Takayoshi; Ohga, Kunihiko; and Mukunoki, Yasuo, 4,547,459, Cl. 430-631.000.
Kamiyama, Kouzi, 4,493,779, Cl. 252-62.590.
Kamiyama, Kouzi, 4,543,198, Cl. 252-62.590.
Kanai, Masaharu, 4,530,585, Cl. 354-416.000.
Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,508,438, Cl. 354-105.000.
Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,519,701, Cl. 355-39.000.
Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,544,259, Cl. 355-1.000.
Kanaoka, Takeshi; Nakamura, Katutoshi; and Shimizu, Shigehisa, 4,548,492, Cl. 355-50.000.
Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,553,833, Cl. 355-40.000.
Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,554,560, Cl. 346-108.000.
Kasuga, Akira; Hibino, Noburo; and Miyatsuka, Hajime, 4,496,626, Cl. 428-336.000.
Kasuga, Akira; Yamamoto, Nobuyuki; and Miyatsuka, Hajime, 4,537,833, Cl. 428-328.000.
Kato, Hirohiko; Ichijima, Seiji; Adachi, Keiichi; and Watanabe, Toshiyuki, 4,536,472, Cl. 430-505.000.
Kato, Hisatoyo, 4,500,783, Cl. 250-327.200.
Kato, Hisatoyo, 4,507,797, Cl. 378-165.000.
Kato, Hisatoyo, 4,543,479, Cl. 250-327.200.
Kato, Hisatoyo, 4,543,480, Cl. 250-327.200.
Kato, Mikihiko; Komine, Shigeo; Kawamata, Toshio; Morita, Kazuhiko; and Sato, Tsunehiko, 4,518,626, Cl. 427-48.000.
Katsuyama, Harumi; Amano, Yoshikazu; and Kondo, Asaji, 4,503,145, Cl. 435-16.000.
Kawai, Yasuhiro, 4,492,455, Cl. 355-3.00R.
Kawai, Yasuhiro, 4,530,590, Cl. 355-8.000.
Kawamata, Toshio, 4,548,772, Cl. 264-26.000.
Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,508,805, Cl. 430-72.000.
Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,533,613, Cl. 430-78.000.
Kawamura, Kouichi; Horie, Seiji; and Sato, Hideo, 4,535,045, Cl. 430-60.000.
Kawamura, Kouichi; Aotani, Yoshimasa; and Umehara, Akira, 4,555,474, Cl. 430-281.000.
Kido, Keishiro; Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,555,464, Cl. 430-67.000.
Kiritani, Masataka; Asao, Yasuzi; and Takayanagi, Takashi, 4,543,269, Cl. 427-44.000.
Kishimoto, Shinzo; Ohno, Shigeru; and Tsujikawa, Teruaki, 4,524,129, Cl. 430-393.000.
Kishimoto, Shinzo; Ohno, Shigeru; and Abe, Akira, 4,546,070, Cl. 430-393.000.
Kita, Nobuyuki; Matsumoto, Hiroshi; and Hagiwara, Hitoshi, 4,500,625, Cl. 430-149.000.
Kitada, Akira, 4,501,796, Cl. 428-337.000.
Kitaguchi, Hiroshi; and Naito, Hideki, 4,528,258, Cl. 430-203.000.
Kitaguchi, Hiroshi; Itoh, Isamu; Fujiwara, Itsuo; Nozawa, Yasushi; and Kokubo, Tadayoshi, 4,546,075, Cl. 430-617.000.
Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, 4,528,085, Cl. 204-416.000.
Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, 4,555,274, Cl. 148-6.14R.
Kitamoto, Tatsuji; and Akashi, Goro, 4,513,054, Cl. 428-329.000.
Kitamoto, Tatsuji; and Akashi, Goro, 4,515,857, Cl. 428-328.000.
Kitamoto, Tatsuji; and Akashi, Goro, 4,520,069, Cl. 428-328.000.
Kiuchi, Seiji, 4,501,630, Cl. 156-159.000.
Kobayashi, Hidetoshi; Takahashi, Toshiro; Hirano, Shigeo; Hirose, Takeshi; and Adachi, Keiichi, 4,518,682, Cl. 430-543.000.
Kogane, Mikio, 4,494,432, Cl. 83-559.000.
Kogane, Mikio; and Yamazaki, Seiichi, 4,540,324, Cl. 414-20.000.
Kohda, Katsuhiro; and Takahashi, Kenji, 4,539,137, Cl. 252-301.40H.
Kohno, Atsuo; and Shiiba, Minoru, 4,557,574, Cl. 354-288.000.
Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, 4,511,645, Cl. 430-276.000.
Komiyama, Choji; Oishi, Kengo; Suzuki, Osamu; and Iyota, Yasumasa, 4,557,380, Cl. 206-387.000.
Konaya, Yoshikazu, 4,511,098, Cl. 242-56.00R.
Konishi, Masahiro, 4,524,381, Cl. 358-29.000.
Konishi, Masahiro, 4,527,205, Cl. 360-35.100.
Konishi, Masahiro; and Murakoshi, Makoto, 4,541,021, Cl. 360-35.100.
Konishi, Masahiro, 4,544,960, Cl. 360-35.100.
Konishi, Masahiro; and Murakoshi, Makoto, 4,546,390, Cl. 360-10.300.
Koyama, Koichi; Noguchi, Yasuhiro; and Toriuchi, Masaharu, 4,551,423, Cl. 430-559.000.
Kozai, Katsuya, 4,505,560, Cl. 354-86.000.
Maeda, Minoru; Iwasaki, Masayuki; and Shinozaki, Fumiaki, 4,543,318, Cl. 430-288.000.
Maeda, Minoru; Iwasaki, Masayuki; Inoue, Noriyuki; and Totsuka, Mikio, 4,547,450, Cl. 430-202.000.
Maeda, Minoru; Inoue, Noriyuki; and Totsuka, Mikio, 4,560,637, Cl. 430-202.000.
Maemori, Takashi; and Kamata, Kazuo, 4,544,249, Cl. 354-195.120.
Makino, Naonori; Horie, Seiji; Kawamura, Kouichi; and Sato, Hideo, 4,504,559, Cl. 430-58.000.
Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,536,264, Cl. 204-129.430.
Matsumoto, Kenji; Kawashima, Kazuharu; and Hayashi, Jun, 4,503,134, Cl. 430-7.000.
Matsumoto, Kenji; Yamamoto, Shoichi; and Hayashi, Jun, 4,547,798, Cl. 358-44.000.
Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, 4,493,889, Cl. 430-572.000.
Mihara, Yuji, 4,536,473, Cl. 430-575.000.
Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, 4,544,628, Cl. 430-572.000.
Mihayashi, Keiji; Takada, Shunji; and Kobayashi, Hidetoshi, 4,526,863, Cl. 430-505.000.
Mitsuo, Hirofumi; Watanabe, Shojiro; and Saeki, Keiso, 4,559,242, Cl. 427-150.000.

Miyahara, Junji; Nakamura, Takashi; and Takahashi, Kenji, 4,539,138, Cl. 252-301.40H.
Miyasaka, Tsutomu; Kobayashi, Hidetoshi; Itoh, Isamu; and Hirano, Shigeo, 4,550,070, Cl. 430-202.000.
Miyatsuka, Hajime, 4,555,431, Cl. 428-141.000.
Miyoshi, Takahito; Okutu, Toshimitu; and Fujiyama, Masaaki, 4,504,542, Cl. 428-336.000.
Miyoshi, Takahito; Fujiyama, Masaaki; and Okutu, Toshimitu, 4,528,240, Cl. 428-323.000.
Mori, Teruo; Shirai, Hiroshi; Kakei, Tsutomu; Matsuhisa, Tsuneyasu; and Watanabe, Masaru, 4,502,933, Cl. 204-206.000.
Murakoshi, Makoto; and Ota, Takahiro, 4,517,976, Cl. 128-303.150.
Murakoshi, Makoto, 4,519,391, Cl. 128-303.150.
Murakoshi, Makoto, 4,531,161, Cl. 360-10.100.
Nagano, Teruo; and Nagashima, Akira, 4,493,884, Cl. 430-192.000.
Nagano, Teruo; Nakakita, Eiji; and Sekiya, Toshiyuki, 4,557,994, Cl. 430-162.000.
Nagao, Makoto; Nahara, Akira; and Akashi, Goro, 4,501,225, Cl. 118-718.000.
Nagao, Makoto; and Nahara, Akira, 4,511,635, Cl. 428-694.000.
Nagao, Makoto; and Nahara, Akira, 4,521,481, Cl. 428-336.000.
Nagao, Makoto; and Nahara, Akira, 4,536,443, Cl. 428-336.000.
Nagashima, Akira; Hasegawa, Akira; Aoai, Toshiaki; and Nagano, Teruo, 4,536,464, Cl. 430-192.000.
Naito, Hideki; Hara, Hiroshi; Aono, Toshiaki; and Sato, Kozo, 4,500,626, Cl. 430-203.000.
Naito, Hideki; and Yabuki, Yoshiharu, 4,500,627, Cl. 430-203.000.
Naito, Hideki; Hara, Hiroshi; Sato, Kozo; and Yabuki, Yoshiharu, 4,507,380, Cl. 430-203.000.
Naito, Hideki; and Sato, Kozo, 4,560,644, Cl. 430-351.000.
Nakajima, Junya; Itoh, Isamu; Yamamuro, Kiyohiko; and Ogawa, Eiiti, 4,506,007, Cl. 430-393.000.
Nakajima, Junya; Imai, Kiyoshi; and Nakamura, Takashi, 4,525,449, Cl. 430-407.000.
Nakamura, Takashi; and Takahashi, Kenji, 4,532,071, Cl. 252-301.40H.
Nakamura, Taku; and Kasama, Yasuo, 4,552,835, Cl. 430-523.000.
Nakao, Sho; Kunichika, Kenji; Ohishi, Chikashi; Iwai, Masato; and Iwamoto, Kiyoshi, 4,559,288, Cl. 430-60.000.
Nakauchi, Kenji, 4,551,023, Cl. 356-444.000.
Nakayama, Takao, 4,500,617, Cl. 430-49.000.
Nakayama, Takao, 4,518,668, Cl. 430-49.000.
Nishioka, Akira; Aotani, Yoshimasa; and Yamasue, Kotaro, 4,497,888, Cl. 430-165.000.
Nishizawa, Jun-ichi; Ohmi, Tadahiro; Murakoshi, Makoto; and Shimanuki, Koji, 4,504,865, Cl. 358-213.000.
Nishizawa, Junichi; Tamamushi, Takashige; Shimanuki, Koji; and Inuiya, Masafumi, 4,524,391, Cl. 358-213.000.
Nishizawa, Junichi; Tamamushi, Takashige; Ando, Fumihiko; Yoshikawa, Shigeo; and Shimanuki, Koji, 4,525,742, Cl. 358-213.000.
Noguchi, Yasuhiro; and Morigaki, Masakazu, 4,517,286, Cl. 430-562.000.
Noguchi, Yasuhiro; and Mihara, Yuji, 4,518,689, Cl. 430-574.000.
Ochi, Shigeharu, 4,542,409, Cl. 358-212.000.
Ochi, Shigeharu, 4,558,365, Cl. 358-212.000.
Ochiai, Takeji, 4,501,971, Cl. 250-483.100.
Ochiai, Takeji, 4,508,636, Cl. 252-301.360.
Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,533,444, Cl. 204-129.430.
Ogawa, Akira; and Tsuda, Momotoshi, 4,511,649, Cl. 430-553.000.
Ogawa, Akira; and Asano, Toshiaki, 4,512,807, Cl. 106-22.000.
Ogawa, Hiroshi; and Tamai, Yasuo, 4,492,734, Cl. 428-424.200.
Ogawa, Hiroshi; and Tamai, Yasuo, 4,492,735, Cl. 428-424.200.
Ogawa, Hiroshi; Mizuno, Chiaki; Masaki, Kouichi; Suzuki, Masaaki; and Tamai, Yasuo, 4,500,599, Cl. 428-336.000.
Ogawa, Hiroshi; Mizuno, Chiaki; and Tamai, Yasuo, 4,510,203, Cl. 428-425.900.
Ogawa, Masashi; Ishigaki, Kunio; Iwasaki, Nobuyuki; and Nakamura, Taku, 4,508,818, Cl. 430-523.000.
Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, 4,548,869, Cl. 428-474.700.
Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, 4,548,870, Cl. 428-474.700.
Ogawa, Masashi; Nakamura, Taku; Urata, Yukihide; and Yamauchi, Shingo, 4,551,412, Cl. 430-265.000.
Ohara, Yuji; and Horikawa, Kazuo, 4,535,342, Cl. 346-108.000.
Ohara, Yuji, 4,549,190, Cl. 346-108.000.
Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, 4,547,274, Cl. 204-129.400.
Ohashi, Saichiro, 4,525,050, Cl. 354-195.120.
Ohba, Hisao; Uchida, Toshio; Ohashi, Azusa; and Kita, Nobuyuki, 4,537,496, Cl. 355-10.000.
Ohba, Hisao; Shirai, Akira; Kitazumi, Etsuo; and Kato, Norihiko, 4,545,866, Cl. 204-33.000.
Ohishi, Chikashi, 4,500,620, Cl. 430-60.000.
Ohki, Nobutaka; and Yoshida, Yoshinobu, 4,525,451, Cl. 430-551.000.
Ohki, Nobutaka; Furutachi, Nobuo; and Yoshida, Yoshinobu, 4,530,899, Cl. 430-551.000.
Ohki, Nobutaka; Tsubota, Motohiko; Morigaki, Masakazu; and Hamaoka, Tsutomu, 4,542,086, Cl. 430-218.000.
Ohmura, Hiroshi; Kohno, Atsuo; Shiiba, Minoru; and Tanaka, Tsutomu, 4,493,542, Cl. 354-82.000.
Ohmura, Hiroshi, 4,516,843, Cl. 354-173.100.
Ohmura, Kunioki; Torigoe, Masaaki; Itoh, Isamu; and Hayashi, Katsumi, 4,500,632, Cl. 430-428.000.
Ohno, Shigeru; and Kishimoto, Shinzo, 4,508,817, Cl. 430-393.000.
Ohno, Shigeru; Kishimoto, Shinzo; and Yagihara, Morio, 4,554,242, Cl. 430-393.000.
Ohtsuka, Shuichi, 4,518,252, Cl. 355-133.000.
Ohtsuka, Shuichi; Aotsuka, Yasuo; and Saito, Eiichi, 4,521,103, Cl. 355-14.00D.
Ohtsuka, Shuichi, 4,544,261, Cl. 355-3.0CH.
Oishi, Kengo; and Suzuki, Osamu, 4,496,118, Cl. 242-198.000.
Oishi, Kengo; and Suzuki, Osamu, 4,497,009, Cl. 360-133.000.
Oishi, Kengo; and Suzuki, Osamu, 4,500,050, Cl. 242-198.000.
Oishi, Kengo; and Suzuki, Osamu, 4,513,929, Cl. 242-198.000.
Oishi, Kengo; and Suzuki, Osamu, 4,518,134, Cl. 242-199.000.
Oishi, Kengo; and Ono, Tuyoshi, 4,530,017, Cl. 360-60.000.
Oishi, Kengo; and Suzuki, Osamu, 4,536,812, Cl. 360-133.000.
Oishi, Kengo; and Moriwaki, Masayoshi, 4,544,975, Cl. 360-130.330.
Oishi, Kengo; Komiyama, Choji; and Suzuki, Osamu, 4,544,976, Cl. 360-132.000.
Oishi, Kengo; and Suzuki, Osamu, 4,549,922, Cl. 156-293.000.
Oka, Yutaka; Saeki, Naomi; and Fuseya, Yoshiharu, 4,510,229, Cl. 430-265.000.
Okamura, Hisashi; Sakaguchi, Shinji; Takahashi, Osamu; and Murai, Ashita, 4,511,644, Cl. 430-219.000.
Okano, Takeshi; and Ohtsuka, Shuichi, 4,561,769, Cl. 355-45.000.
Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, 4,513,081, Cl. 430-550.000.
Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; and Ukai, Toshinao, 4,552,837, Cl. 430-550.000.
Okita, Tsutomu; and Naruo, Kyoichi, 4,518,656, Cl. 428-403.000.
Okita, Tsutomu, 4,533,565, Cl. 427-44.000.
Okita, Tsutomu; Naruo, Kyoichi; and Hashimoto, Hiroshi, 4,560,616, Cl. 428-423.100.
Okuzawa, Yasutoshi, 4,523,246, Cl. 360-133.000.
Ono, Minoru; Makino, Teruyoshi; and Kikuchi, Hisashi, 4,546,061, Cl. 430-207.000.
Ono, Mitsunori; Itoh, Isamu; Mihayashi, Keiji; and Karino, Yukio, 4,500,636, Cl. 430-566.000.
Ono, Mitsunori; and Itoh, Isamu, 4,554,243, Cl. 430-543.000.
Ono, Shigetoshi; and Furusawa, Genichi, 4,529,692, Cl. 430-562.000.
Ono, Shigetoshi; Harada, Toru; Suzuki, Hirohisa; Tanaka, Mitsugu; and Nakamura, Shigeru, 4,533,626, Cl. 430-562.000.
Oono, Hiroshi; and Teshima, Tsutomu, 4,498,005, Cl. 250-327.200.
Ryoke, Katsumi; Yamaguchi, Nobutaka; Yoneyama, Takashi; and Tadokoro, Eiichi, 4,497,864, Cl. 428-323.000.
Ryoke, Katsumi; Masuyama, Kenichi; Yoneyama, Takashi; Nasu, Norio; and Tadokoro, Eiichi, 4,539,257, Cl. 428-323.000.
Ryoke, Katsumi; Abe, Yasuhiro; Iida, Shinobu; and Tadokoro, Eiichi, 4,552,798, Cl. 428-194.000.
Ryoke, Katsumi; Iida, Shinobu; Fujiyama, Masaaki; and Tadokoro, Eiichi, 4,552,799, Cl. 428-194.000.
Saito, Tsutomu; and Mihayashi, Keiji, 4,539,289, Cl. 430-506.000.
Sakaguchi, Shinji; Okamura, Hisashi; and Nakamura, Shigeru, 4,506,001, Cl. 430-213.000.
Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, 4,536,466, Cl. 430-203.000.
Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, 4,536,467, Cl. 430-203.000.
Sakaguchi, Yukihiko; Sato, Kozo; Naito, Hideki; and Hara, Hiroshi, 4,555,470, Cl. 430-203.000.
Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, 4,555,476, Cl. 430-351.000.
Sakai, Nobuo; Okazaki, Masaki; and Inagaki, Yoshio, 4,555,479, Cl. 430-372.000.
Sakanoue, Kei; Yagihara, Morio; Ichijima, Seigi; and Nagao, Kimitoshi, 4,500,634, Cl. 430-544.000.
Sakanoue, Kei; and Aoki, Kozo, 4,513,079, Cl. 430-502.000.
Sano, Kenji; Kondo, Syunichi; and Sato, Hideo, 4,499,167, Cl. 430-83.000.
Sano, Kenji; Kondo, Syunichi; and Sato, Hideo, 4,500,623, Cl. 430-83.000.
Sasaki, Hirokazu; Morita, Akira; and Yamamoto, Takemasa, 4,561,944, Cl. 204-33.000.
Sasaki, Noboru; Ishikawa, Takatoshi; and Adachi, Keiichi, 4,542,091, Cl. 430-380.000.
Sato, Kozo; Fujita, Shinsaku; Nakamura, Koichi; and Naito, Hideki, 4,556,632, Cl. 430-562.000.
Sato, Kozo; and Hirai, Hiroyuki, 4,560,763, Cl. 546-341.000.
Sato, Susumu; and Hara, Yoshio, 4,556,631, Cl. 430-498.000.
Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, 4,500,630, Cl. 430-386.000.
Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, 4,540,654, Cl. 430-381.000.
Sawada, Satoru, 4,503,137, Cl. 430-203.000.
Sawada, Satoru; Fujita, Shinsaku; and Koyama, Koichi, 4,559,290, Cl. 430-203.000.
Sawano, Yukio; and Ono, Masaru, 4,549,797, Cl. 353-27.00A.
Seshimoto, Osamu, 4,510,035, Cl. 204-411.000.
Seshimoto, Osamu, 4,517,071, Cl. 204-419.000.
Seto, Nobuo; Kamio, Takayoshi; and Aoki, Kozo, 4,514,490, Cl. 430-505.000.
Seto, Nobuo; Furutachi, Nobuo; Morigaki, Masakazu; and Nakazyo, Kiyoshi, 4,559,297, Cl. 430-551.000.

Seto, Yoshihiro, 4,505,387, Cl. 206-414.000.

Shiba, Keisuke; Yazawa, Hiromi; Ohishi, Chikashi; and Nakao, Sho, 4,500,618, Cl. 430-49.000.

Shiba, Keisuke; Fuchizawa, Tetsuro; Nakao, Sho; and Ohishi, Chikashi, 4,555,461, Cl. 430-49.000.

Shiga, Koji, 4,533,225, Cl. 354-322.000.

Shiota, Kazuo; and Akimoto, Taizo, 4,535,413, Cl. 364-526.000.

Shiota, Kazuo; Suzuki, Kenji; and Fukui, Takashi, 4,542,984, Cl. 355-68.000.

Shirahata, Ryuji; Yamada, Yasuyuki; Kitamoto, Tatsuji; and Akashi, Goro, 4,503,119, Cl. 428-336.000.

Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, 4,526,131, Cl. 118-718.000.

Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, 4,546,725, Cl. 118-718.000.

Shirane, Hideto, 4,538,894, Cl. 354-467.000.

Sugimoto, Naohiko; and Kojima, Tetsuro, 4,551,420, Cl. 430-505.000.

Sugimoto, Tadao; and Ikeda, Hideo, 4,506,008, Cl. 430-502.000.

Sugimoto, Tadao; Ikeda, Hideo; Mifune, Hiroyuki; and Nakamura, Koki, 4,521,508, Cl. 430-567.000.

Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, 4,551,419, Cl. 430-445.000.

Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, 4,551,421, Cl. 430-509.000.

Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Kido, Keishiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,559,289, Cl. 430-66.000.

Suzuki, Tamotsu; Nishikawa, Sumio; and Tatsuta, Sumitaka, 4,542,093, Cl. 430-523.000.

Suzuki, Toshiaki; and Horikawa, Kazuo, 4,527,060, Cl. 250-327.200.

Tabei, Masatoshi, 4,514,755, Cl. 358-44.000.

Takagi, Yoshihiro; Hirano, Shigeo; and Sugimoto, Tadao, 4,540,655, Cl. 430-410.000.

Takahashi, Hiroshi; Nishioka, Akira; Tokunaga, Fumihiro; Aotani, Yoshimasa; and Aono, Koichiro, 4,542,085, Cl. 430-158.000.

Takahashi, Kenji; and Nakamura, Takashi, 4,535,237, Cl. 250-327.200.

Takahashi, Kenji; and Nakamura, Takashi, 4,535,238, Cl. 250-327.200.

Takahashi, Masahiro; Hagiwara, Toshio; Kakei, Tsutomu; and Oda, Kazutaka, 4,518,466, Cl. 204-28.000.

Takahashi, Osamu; Yamamura, Nobuo; Mukunoki, Yasuo; Ogawa, Shungi; and Nakagawa, Yutaka, 4,500,362, Cl. 106-309.000.

Takahashi, Osamu; and Tanaka, Mitsugu, 4,533,622, Cl. 430-218.000.

Takahashi, Yonosuke; Tachikawa, Hiromichi; Shinozaki, Fumiaki; and Ikeda, Tomoaki, 4,544,627, Cl. 430-325.000.

Takahashi, Yoshiteru; and Ogawa, Masataka, 4,551,645, Cl. 310-46.000.

Takaki, Hideki; Hayashi, Hiroshi; Ono, Shigetoshi; and Okamura, Hisashi, 4,506,002, Cl. 430-215.000.

Takano, Masao, 4,521,904, Cl. 378-185.000.

Takeda, Hideo; and Sato, Tsunehiko, 4,518,637, Cl. 427-359.000.

Takeda, Hideo, 4,521,459, Cl. 427-359.000.

Takeda, Hideo, 4,537,801, Cl. 427-356.000.

Takenaka, Yuji, 4,496,983, Cl. 358-287.000.

Takimoto, Masaaki; Saida, Takashi; and Murata, Masataka, 4,495,276, Cl. 430-527.000.

Tamagawa, Shigehisa; and Fuchizawa, Tetsuro, 4,508,751, Cl. 427-44.000.

Tamoto, Koji; Umehara, Akira; Nagano, Teruo; Iwasaki, Masayuki; and Aotani, Yoshimasa, 4,505,793, Cl. 204-159.160.

Tamura, Kaoru, 4,531,878, Cl. 414-412.000.

Tamura, Kaoru, 4,537,307, Cl. 206-455.000.

Tamura, Kaoru; and Sakamoto, Kiichiro, 4,540,167, Cl. 271-11.000.

Tamura, Kaoru; and Yamada, Sadami, 4,555,213, Cl. 414-412.000.

Tanabe, Osami; Aoki, Kozo; Ogawa, Akira; and Umemoto, Makoto, 4,552,836, Cl. 430-549.000.

Tanemura, Hatsumi; Ukai, Toshinao; Okazaki, Masaki; Deguchi, Naoyasu; Fujita, Munehisa; and Yamamuro, Kiyohiko, 4,536,633, Cl. 430-573.000.

Taniguchi, Yutaka, 4,554,454, Cl. 250-327.200.

Teraoka, Masanori, 4,491,736, Cl. 250-484.100.

Teraoka, Masanori, 4,511,802, Cl. 250-484.100.

Tisue, Gil, 4,556,910, Cl. 358-212.000.

Tomiyama, Hideki; and Satake, Masaki, 4,551,410, Cl. 430-215.000.

Toriuchi, Masaharu; and Ono, Shigetoshi, 4,560,645, Cl. 430-562.000.

Toya, Ichizo, 4,511,643, Cl. 430-212.000.

Toya, Ichizo; and Takahashi, Osamu, 4,542,092, Cl. 430-510.000.

Toya, Ichizo, 4,547,452, Cl. 430-216.000.

Toya, Ichizo; Mihara, Yuji; and Takei, Haruo, 4,552,828, Cl. 430-217.000.

Tsubota, Motohiko; and Moriguchi, Masakazu, 4,495,270, Cl. 430-218.000.

Tsunekawa, Yuzo; and Tomizawa, Takashi, 4,524,596, Cl. 72-133.000.

Tsutomu, Kimura; Nakayama, Hideo; and Fuseda, Yuichi, 4,538,179, Cl. 358-166.000.

Uchiyama, Kaoru, 4,555,076, Cl. 242-195.000.

Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; Toya, Ichizo; and Syuto, Sadanobu, 4,510,235, Cl. 430-574.000.

Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; and Toya, Ichizo, 4,555,481, Cl. 430-550.000.

Umemoto, Chiyuki; and Kohketsu, Kazuo, 4,496,83[illegible], Cl. 250-327.200.

Umemoto, Chiyuki; and Takahashi, Kenji, 4,505,989, Cl. 428-691.000.

Umemura, Shizuo; and Kitamoto, Tatsuji, 4,554,089, Cl. 252-62.560.

Urata, Yukihide; Moriuchi, Shigenori; Nakamura, Taku; and Ogawa, Masashi, 4,533,623, Cl. 430-309.000.

Usami, Toshimasa; Tanaka, Toshiharu; and Satomura, Masato, 4,529,681, Cl. 430-138.000.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,499,178, Cl. 430-495.000.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,500,889, Cl. 346-1.100.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,529,991, Cl. 346-76.00L.

Yabe, Masao; Naruo, Kyoichi; and Ono, Kazuhiro, 4,499,043, Cl. 264-207.000.

Yagihara, Morio; Hirano, Tsumoru; Hirano, Mitsunori; and Umemoto, Makoto, 4,495,272, Cl. 430-381.000.

Yagihara, Morio; Hirano, Tsumoru; and Umemoto, Makoto, 4,496,650, Cl. 430-381.000.

Yagihara, Morio; Ikegawa, Akihiko; Ono, Mitsunori; and Mihara, Yuji, 4,518,685, Cl. 430-505.000.

Yamada, Yasuyuki; Miyoshi, Takahito; Okutsu, Toshimitsu; and Fujiyama, Masaaki, 4,552,807, Cl. 428-323.000.

Yamagami, Hiroyuki; Hayashi, Yasuhiro; Deguchi, Naoyasu; and Imai, Kiyoshi, 4,558,000, Cl. 430-504.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.

Yamaguchi, Nobutaka; Iida, Shinobu; Okutu, Toshimitu; Miyoshi, Takahito; Tadokoro, Eiichi; and Fujiyama, Masaaki, 4,544,601, Cl. 428-330.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Ryoke, Katsumi; and Tadokoro, Eiichi, 4,546,038, Cl. 428-323.000.

Yamaguchi, Nobutaka; Iida, Shinobu; Utsumi, Masahiro; Okutu, Toshimitu; Masuyama, Kenichi; and Tadokoro, Eiichi, 4,551,386, Cl. 428-323.000.

Yamamoto, Nobuyuki, 4,499,138, Cl. 428-216.000.

Yamamoto, Nobuyuki; Nishikawa, Yasuo; Naruo, Kyoichi; and Okita, Tsutomu, 4,520,070, Cl. 428-336.000.

Yamamoto, Nobuyuki; Mukaida, Yoshito; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,548,873, Cl. 428-695.000.

Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,554,220, Cl. 428-694.000.

Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, 4,557,948, Cl. 427-131.000.

Yamamoto, Takaaki; and Kawai, Yasuhiro, 4,516,142, Cl. 346-160.000.

Yamamuro, Kiyohiko; Hirano, Shigeo; Itoh, Isamu; and Iwasa, Yasuo, 4,508,816, Cl. 430-393.000.

Yamamuro, Kiyohiko; Iwasa, Yasuo; and Itoh, Isamu, 4,554,246, Cl. 430-611.000.

Yamauchi, Koichi; Tsuji, Nobuo; Yamada, Yasuyuki; Funabashi, Shinichi; and Kiyama, Masatoshi, 4,503,120, Cl. 428-336.000.

Yamazaki, Hisashi; and Ochiai, Takeji, 4,510,388, Cl. 250-327.200.

Yanagida, Seiichi; and Kobayashi, Naoki, 4,530,015, Cl. 360-33.100.

Yanai, Akio; and Shirahata, Ryuji, 4,511,594, Cl. 427-38.000.

Yokoo, Hirokazu, 4,525,055, Cl. 354-468.000.

Yokoyama, Shigeki; and Ohga, Kunihiko, 4,495,275, Cl. 430-527.000.

Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,510,233, Cl. 430-527.000.

Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,518,354, Cl. 430-527.000.

Yokoyama, Shigeki; Nakamura, Koki; Kouda, Jyounichi; and Sekiguchi, Nobuhisa, 4,555,480, Cl. 430-527.000.

Yokoyama, Shigeki; Okamura, Hisashi; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,558,001, Cl. 430-527.000.

Yoneda, Junichi; and Igarashi, Akira, 4,554,566, Cl. 346-207.000.

Yoshida, Tuneo; Oishi, Kengo; and Yagi, Motohiko, 4,533,968, Cl. 360-130.210.

Yoshida, Yoshinobu; Sakai, Nobuo; and Ishikawa, Takatoshi, 4,504,577, Cl. 430-564.000.

Fuji Photo Optical Co., Ltd.: *See—*

Akiyama, Kazuhiro, 4,497,555, Cl. 354-173.100.

Asano, Seiji; Kagechika, Takashi; and Ishiguro, Minoru, 4,505,568, Cl. 354-458.000.

Doi, Yoshikazu; and Sado, Kenzo, 4,560,254, Cl. 350-427.000.

Eguchi, Mitsuo; Tagawa, Kiyoharu; Ogawa, Hitoshi; Bandai, Mikio; and Nagashima, Nobuharu, 4,523,829, Cl. 354-406.000.

Hirano, Nagayoshi, 4,514,049, Cl. 350-425.000.

Inuiya, Masafumi; and Murakoshi, Makoto, 4,499,547, Cl. 364-571.000.

Itamoto, Shigeru; Yasuda, Kenji; and Mikami, Senji, 4,541,717, Cl. 356-244.000.

Kojima, Takuo; and Ishibashi, Kuniaki, 4,523,806, Cl. 350-96.250.

Numata, Saburo, 4,542,971, Cl. 354-403.000.

Saburo, Numata, 4,499,406, Cl. 315-57.000.

Sunaga, Yasumasa, 4,501,477, Cl. 350-560.000.

Fuji Seiki Machine Works Ltd.: *See—*

Harada, Shooichi; and Ohtake, Matsuo, 4,561,219, Cl. 51-319.000.

Ohtake, Matsuo, 4,555,876, Cl. 51-418.000.

Fuji Seimitsu Mfg. Co., Ltd.: *See—*

Masuda, Makoto; Iwasita, Hiroshi; and Kuwabara, Toshihiko, 4,557,654, Cl. 411-431.000.

- Fuji Shashin Film Kabushiki Kaisha: *See—*
  - Sekikawa, Nobuyoshi; Katsuyama, Harumi; and Kondo, Asaji, 4,548,906, Cl. 436-113.000.
- Fuji Standard Research Inc.: *See—*
  - Gomi, Shimpei; Arai, Tomio; Mogi, Fumio; Miura, Kunio; and Otani, Sugio, 4,554,148, Cl. 423-447.100.
  - Otani, Sugio; Gomi, Shimpei; and Mogi, Fumio, 4,504,455, Cl. 423-447.600.
- Fuji Standard Research Kabushiki Kaisha: *See—*
  - Gomi, Shimpei; Takeuchi, Tomomitsu; Matsuo, Itaru; Tsutsui, Toshio; Nakagawa, Takao; and Miwa, Shigeru, 4,522,627, Cl. 44-1.00R.
- Fuji, Tatsuo, to Nippon Electric Co., Ltd. MNOS Type non-volatile memory device and method of manufacturing the same. 4,519,051, 5-21-85, Cl. 365-184.000.
- Fuji Xerox Co., Ltd.: *See—*
  - Aoki, Matsuyuki; and Tanaka, Shuji, 4,551,002, Cl. 355-3.0DD.
  - Asanuma, Tetsu; and Inagaki, Satoru, 4,538,052, Cl. 219-469.000.
  - Fuse, Mario, 4,527,007, Cl. 136-256.000.
  - Hamano, Toshihisa, 4,517,733, Cl. 29-572.000.
  - Hamano, Toshihisa; Nakamura, Takeshi; and Ito, Hisao, 4,546,243, Cl. 250-211.00R.
  - Inui, Toshiharu, 4,492,727, Cl. 428-216.000.
  - Inui, Toshiharu; Kurata, Masami; Nakajima, Hisao; and Ohmori, Takashi, 4,499,476, Cl. 346-76.0PH.
  - Inui, Toshiharu; and Moriguchi, Haruhiko, 4,524,368, Cl. 346-76.0PH.
  - Inui, Toshiharu; and Moriguchi, Haruhiko, 4,536,774, Cl. 346-76.0PH.
  - Ishitate, Yoshiyuki; and Takahashi, Toshikatsu, 4,545,674, Cl. 355-75.000.
  - Itami, Teruhiko; Kimoto, Toshifumi; Yamasawa, Akira; and Saitoh, Koichi, 4,544,574, Cl. 427-48.000.
  - Itoh, Satoru, 4,513,325, Cl. 358-280.000.
  - Iwasaki, Yasuo, 4,496,142, Cl. 271-3.000.
  - Iyoda, Tetsuo; and Tamai, Masayoshi, 4,504,839, Cl. 346-75.000.
  - Izumi, Hirotaka, 4,508,445, Cl. 355-3.0SH.
  - Kataoka, Hiroyuki; and Arai, Yoshio, 4,559,644, Cl. 382-9.000.
  - Kataoka, Kiroyuki, 4,549,077, Cl. 235-384.000.
  - Kato, Hiroshi, 4,503,469, Cl. 358-287.000.
  - Kato, Takaaki; Kato, Takeshi; and Yoshizawa, Yoshikazu, 4,497,037, Cl. 364-900.000.
  - Katsuno, Ryuji; and Tsuda, Toshihiko, 4,562,335, Cl. 219-216.000.
  - Kikuchi, Yoshiki, 4,541,072, Cl. 365-29.000.
  - Kimoto, Toshifumi; Itami, Teruhiko; Nishimura, Nobuo; and Saitoh, Koichi, 4,520,409, Cl. 360-59.000.
  - Kimoto, Toshifumi; Todoh, Hidemasa; Itami, Teruhiko; and Saitoh, Koichi, 4,554,557, Cl. 346-74.400.
  - Kume, Hiroshi, 4,506,361, Cl. 370-85.000.
  - Kume, Hiroshi; and Tan, Yoichi, 4,516,240, Cl. 370-85.000.
  - Kume, Hiroshi; and Tan, Yoichi, 4,536,875, Cl. 370-85.000.
  - Kume, Hiroshi, 4,538,261, Cl. 370-85.000.
  - Kurata, Masami; and Ohmori, Takashi, 4,494,152, Cl. 358-293.000.
  - Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, 4,505,574, Cl. 355-14.00E.
  - Kurata, Masami, 4,506,302, Cl. 358-285.000.
  - Kurata, Masami; Inui, Toshiharu; and Ohmori, Takashi, 4,510,523, Cl. 358-75.000.
  - Kurata, Masami, 4,510,524, Cl. 358-80.000.
  - Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, 4,518,999, Cl. 358-285.000.
  - Kurata, Masami; and Ohmori, Takashi, 4,532,551, Cl. 358-293.000.
  - Kurata, Masami, 4,536,802, Cl. 358-287.000.
  - Kurata, Masami; and Inui, Toshiharu, 4,543,587, Cl. 346-76.0PH.
  - Kurata, Masami; and Ohmori, Takashi, 4,546,381, Cl. 358-78.000.
  - Kurata, Masami, 4,551,750, Cl. 358-75.000.
  - Kurata, Masami; and Ohmori, Takashi, 4,558,374, Cl. 358-287.000.
  - Leng Svay, 4,531,133, Cl. 346-76.0PH.
  - Matsuzawa, Kiyoshi; and Inoue, Noriyuki, 4,514,080, Cl. 355-14.00C.
  - Mita, Tsunemasa, 4,559,542, Cl. 346-76.0PH.
  - Miyao, Fumio, 4,525,832, Cl. 370-85.000.
  - Miyazaki, Seikichi, 4,533,238, Cl. 355-68.000.
  - Moriguchi, Fujio; and Kurata, Masami, 4,495,507, Cl. 346-76.0PH.
  - Moriguchi, Fujio; and Kurata, Masami, 4,553,174, Cl. 358-285.000.
  - Moriguchi, Haruhiko; and Ohmori, Takashi, 4,496,988, Cl. 358-294.000.
  - Moriguchi, Haruhiko; Kikuchi, Yoshiki; and Ohmori, Takashi, 4,502,065, Cl. 346-204.000.
  - Moriguchi, Haruhiko; Moriguchi, Fujio; and Ohmori, Takashi, 4,510,506, Cl. 346-76.0PH.
  - Moriguchi, Haruhiko; and Inui, Toshiharu, 4,514,736, Cl. 346-76.0PH.
  - Moriguchi, Haruhiko; and Inui, Toshiharu, 4,518,645, Cl. 428-212.000.
  - Moriguchi, Haruhiko; and Kurata, Masami, 4,520,381, Cl. 357-30.000.
  - Moriguchi, Haruhiko; Omori, Takashi; and Inui, Toshiharu, 4,535,340, Cl. 346-76.0PH.
  - Moriguchi, Haruhiko; Inui, Toshiharu; and Ohmori, Takashi, 4,560,988, Cl. 346-1.100.
  - Murayama, Tomio; Kikuchi, Yoshiki; and Ohmori, Takashi, 4,517,560, Cl. 340-790.000.
  - Nishimoto, Masato, 4,549,297, Cl. 371-33.000.
  - Nishimura, Nobuo, 4,525,822, Cl. 369-44.000.
  - Ozawa, Takashi, 4,495,523, Cl. 358-293.000.
  - Ozawa, Takashi, 4,500,927, Cl. 358-293.000.
  - Ozawa, Takashi, 4,511,804, Cl. 250-578.000.
  - Ozawa, Takashi, 4,545,672, Cl. 355-3.00R.
  - Ozawa, Takashi, 4,549,088, Cl. 250-578.000.
  - Ozawa, Takashi, 4,549,223, Cl. 358-300.000.
  - Saitoh, Hiroyuki; and Kikuchi, Yoshiki, 4,514,744, Cl. 346-153.100.
  - Saitoh, Hiroyuki; and Kurata, Masami, 4,518,987, Cl. 358-75.000.
  - Saitoh, Hiroyuki; and Kurata, Masami, 4,518,988, Cl. 358-75.000.
  - Saitoh, Hiroyuki; and Kurata, Masami, 4,554,583, Cl. 358-163.000.
  - Saitoh, Koichi; Itami, Teruhiko; and Kimoto, Toshifumi, 4,503,438, Cl. 346-74.400.
  - Saitoh, Koichi; Horie, Kiyoshi; Itami, Teruhiko; and Kimoto, Toshifumu, 4,558,327, Cl. 346-74.200.
  - Sato, Masato; Kataoka, Hiroyuki; and Arai, Yoshio, 4,492,985, Cl. 358-293.000.
  - Satoh, Masato, 4,551,769, Cl. 358-296.000.
  - Sekimoto, Souichi; and Kato, Ryoki, 4,504,119, Cl. 350-336.000.
  - Shinohara, Tatsuoki, 4,497,032, Cl. 364-513.500.
  - Shiratsuki, Yoshiyuki, 4,549,189, Cl. 346-76.0PH.
  - Suganuma, Saburo; and Kataoka, Hiroyuki, 4,521,096, Cl. 355-3.00R.
  - Suganuma, Saburo; Kataoka, Hiroyuki; and Arai, Yoshio, 4,542,378, Cl. 340-734.000.
  - Suzuki, Isao; Arai, Yoshio; and Kataoka, Hiroyuki, 4,504,969, Cl. 382-10.000.
  - Suzuki, Takanobu; Nakayama, Kenichiro; Takahashi, Izumi; and Sugiyama, Terumasa, 4,554,662, Cl. 371-20.000.
  - Svay, Leng; Moriguchi, Haruhiko; and Inui, Toshiharu, 4,513,296, Cl. 346-76.0PH.
  - Takahashi, Izumi; Nakayama, Kenichiro; Sugiyama, Terumasa; and Suzuki, Takanobu, 4,499,580, Cl. 371-17.000.
  - Takahashi, Toshikatsu; and Murata, Nobuo, 4,561,774, Cl. 355-75.000.
  - Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, 4,560,866, Cl. 250-216.000.
  - Tamai, Masayoshi; Iyoda, Tetsuo; and Koizumi, Yukihisa, 4,510,504, Cl. 346-75.000.
  - Tamai, Masayoshi; Iyoda, Tetsuo; and Koizumi, Yukihisa, 4,516,134, Cl. 346-75.000.
  - Tamai, Masayoshi, 4,550,322, Cl. 346-75.000.
  - Tan, Yoichi, 4,502,137, Cl. 370-85.000.
  - Tan, Yoichi, 4,507,778, Cl. 370-94.000.
  - Tan, Yoichi, 4,510,600, Cl. 370-94.000.
  - Tan, Yoichi; and Miyao, Fumio, 4,517,531, Cl. 331-14.000.
  - Tan, Yoichi; and Miyao, Fumio, 4,525,837, Cl. 370-85.000.
  - Tan, Yoichi, 4,535,450, Cl. 370-94.000.
  - Tanaka, Koichi; Takayama, Hiroshi; Amagai, Yoshimi; Aonuma, Shigeo; and Fukase, Yasuji, 4,504,563, Cl. 430-109.000.
  - Todoh, Hidemasa, 4,494,126, Cl. 346-76.0PH.
  - Todoh, Hidemasa, 4,516,135, Cl. 346-76.0PH.
  - Todoh, Hidemasa, 4,546,364, Cl. 346-155.000.
  - Uchida, Hiroyasu, 4,498,130, Cl. 364-188.000.
  - Uchida, Hiroyasu, 4,538,267, Cl. 371-20.000.
  - Wakatsuki, Susumu, 4,518,381, Cl. 493-444.000.
  - Watai, Yuji; Yasui, Hirokazu; Hirayama, Yoshiyuki; and Matsuura, Akira, 4,533,234, Cl. 355-14.00D.
  - Yamamoto, Tadashi; and Moriguchi, Haruhiko, 4,549,221, Cl. 358-288.000.
  - Yamamoto, Tadashi; and Kurata, Masami, 4,553,160, Cl. 358-75.000.
  - Yamasawa, Akira; Itami, Teruhiko; and Kimoto, Toshifumi, 4,547,782, Cl. 346-74.400.
  - Yokoi, Naoki, 4,544,936, Cl. 346-209.000.
  - Yoshino, Masaki, 4,532,865, Cl. 101-426.000.
- Fujibayashi, Kazuo, to Canon Kabushiki Kaisha. Focus detection device. 4,506,970, 3-26-85, Cl. 354-406.000.
- Fujibayashi, Kazuo; Sugiura, Muneharu; and Tsuji, Sadahiko, to Canon Kabushiki Kaisha. Zoom lens. 4,525,036, 6-25-85, Cl. 350-427.000.
- Fujibayashi, Kazuo: *See—*
  - Momiyama, Kikuo; and Fujibayashi, Kazuo, 4,544,256, Cl. 354-429.000.
- Fujibayashi, Kenji, to Olympus Optical Co., Ltd. Muting apparatus. 4,494,158, 1-15-85, Cl. 360-69.000.
- Fujibayashi, Kenji, to Olympus Optical Co., Ltd. Tape recorder device having an automatic shut-off circuit. 4,536,808, 8-20-85, Cl. 360-74.200.
- Fujibayashi, Kenji, to Olympus Optical Co., Ltd. Muting circuit in combination with a tape recorder. 4,542,421, 9-17-85, Cl. 360-67.000.
- Fujibayashi, Kenji, to Olympus Optical Co., Ltd. Tape recorder motor circuit. 4,556,919, 12-3-85, Cl. 360-74.100.
- Fujibayashi, Kentaro: *See—*
  - Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Fujibayashi, Kentaro, 4,516,211, Cl. 364-474.000.
- Fujidie Co., Ltd.: *See—*
  - Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, 4,519,839, Cl. 75-242.000.
- Fujie, Akira; and Hisamatsu, Minoru, to Dow Chemical Company, The. Foamable electroconductive polyolefin resin compositions. 4,493,788, 1-15-85, Cl. 252-511.000.
- Fujie, Hideo: *See—*
  - Sekizawa, Hidekazu; Iwamoto, Akito; Togashi, Kousaku; and Fujie, Hideo, 4,510,866, Cl. 101-365.000.

Fujie, Hirokazu: *See—*
- Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.

Fujie, Kunio: *See—*
- Hayashi, Masakatsu; and Fujie, Kunio, 4,548,047, Cl. 62-160.000.

Fujie, Masakatsu: *See—*
- Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, 4,549,208, Cl. 358-108.000.
- Yoshida, Takashi; Fujie, Masakatsu; Matsuno, Junichi; and Ouchi, Hideyuki, 4,521,813, Cl. 358-296.000.

Fujieda, Mamoru: *See—*
- Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Oyama, Yoshishige; Fujieda, Mamoru; and Yamauchi, Teruo, 4,561,403, Cl. 123-489.000.

Fujieda, Sadao: *See—*
- Hidaka, Toshiyuki; Sakamoto, Hisashi; Fukuhara, Toshiaki; Fujieda, Sadao; and Misawa, Yutaka, 4,540,603, Cl. 427-82.000.

Fujieda, Yasuhiko: *See—*
- Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, 4,548,564, Cl. 425-32.000.

Fujihara, Hidefumi; Okazoe, Hiroshi; and Hashimoto, Yoichi, to Nissan Diesel Motor Company, Limited. System for preventing cavitation in water-cooled internal combustion engine. 4,503,814, 3-12-85, Cl. 123-41.300.

Fujihara, Hiroko, heiress: *See—*
- Fujihara, Yoshiki, deceased; Fujihara, Hiroko, heiress; Sackis, John J.; and Frier, Richard A., 4,547,399, Cl. 427-138.000.

Fujihara, Katsumi: *See—*
- Mita, Kikuo; Oyama, Masayuki; Yoshida, Takashi; Nakashima, Masato; Fujihara, Katsumi; and Nakakuki, Tadao, 4,547,895, Cl. 382-8.000.

Fujihara, Naoto: *See—*
- Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,545,070, Cl. 382-48.000.
- Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,555,801, Cl. 382-44.000.

Fujihara, Yoshiki, deceased; by Fujihara, Hiroko, heiress; Sackis, John J.; and Frier, Richard A., to W. R. Meadows, Inc. Sealing composition and method of making the same. 4,547,399, 10-15-85, Cl. 427-138.000.

Fujihata, Isao: *See—*
- Shimpo, Tetsuhiko; and Fujihata, Isao, 4,538,101, Cl. 323-272.000.

Fujihira, Tadao: *See—*
- Ejima, Tatsuhiko; Arai, Kozo; Isoyama, Eizo; and Fujihira, Tadao, 4,547,275, Cl. 204-129.750.

Fujii, Akio: *See—*
- Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,500,452, Cl. 260-112.50R.
- Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.
- Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.
- Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,537,880, Cl. 514-19.000.

Fujii, Akira, to NEC Corporation. Automatic level control circuit. 4,499,430, 2-12-85, Cl. 330-279.000.

Fujii, Akira, to NEC Corporation. Bidirectional constant current driving circuit. 4,536,662, 8-20-85, Cl. 307-270.000.

Fujii, Atsushi, to Idemitsu Petrochemical Co., Ltd. Method of producing thermoplastic resin sheet or film. 4,548,778, 10-22-85, Cl. 264-180.000.

Fujii, Chigusa, heiress: *See—*
- Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.

Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, to Honda Giken Kogyo Kabushiki Kaisha. Hydraulic circuit for an anti-locking braking system. 4,552,414, 11-12-85, Cl. 303-115.000.

Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, to Honda Giken Kogyo Kabushiki Kaisha. Tandem solenoid valve assembly including plural valve sections. 4,561,701, 12-31-85, Cl. 303-119.000.

Fujii, Etsuo: *See—*
- Sato, Makoto; and Fujii, Etsuo, 4,526,426, Cl. 303-6.00C.

Fujii, Fumiaki: *See—*
- Nagai, Kenji; and Fujii, Fumiaki, 4,562,408, Cl. 330-253.000.
- Yamakido, Kazuo; Hagiwara, Shiro; and Fujii, Fumiaki, 4,507,792, Cl. 375-30.000.

Fujii, Fumio: *See—*
- Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Fujii, Hajime: *See—*
- Nio, Satoru; Sato, Shinobu; Fujii, Hajime; and Hamashima, Toyoji, 4,495,588, Cl. 364-513.000.

Fujii, Haruo; and Ando, Yujiro, to Canon Kabushiki Kaisha. Image recording method and apparatus. 4,491,855, 1-1-85, Cl. 346-159.000.

Fujii, Haruo: *See—*
- Ando, Yujiro; and Fujii, Haruo, 4,502,061, Cl. 346-153.100.

Fujii, Hideichi; Yamane, Chiyoki; and Kawai, Fumio, to Kawasaki Jukogyo Kabushiki Kaisha; and Koshii & Co., Ltd. Composite plate. 4,520,057, 5-28-85, Cl. 428-68.000.

Fujii, Hidetsugu: *See—*
- Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, 4,504,679, Cl. 564-67.000.

Fujii, Hirofumi: *See—*
- Kimura, Tetsuo; Fujii, Hirofumi; Yuasa, Hayami; and Yonezawa, Tatuo, 4,524,351, Cl. 340-629.000.

Fujii, Hiromasa; and Matsui, Hisakazu, to Hiroshima Kasei, Ltd. Process and mold unit for producing carpet mat. 4,491,556, 1-1-85, Cl. 264-243.000.

Fujii, Hiroshi; Okamoto, Akito; and Watanabe, Tuyoshi, to Mazda Motor Corporation. Method of controlling tire assembly lines. 4,504,919, 3-12-85, Cl. 364-478.000.

Fujii, Hiroshi; and Sakamoto, Toshiharu, to Toyo Kogyo Co., Ltd. Apparatus for charging cooling liquid to engine cooling system. 4,513,696, 4-30-85, Cl. 123-41.020.

Fujii, Hiroshi: *See—*
- Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.

Fujii, Hiroyuki; Tateno, Kenichi; and Nishikawa, Mikio, to Matsushita Electronics Corporation. Method for manufacturing a plastic encapsulated semiconductor device and a lead frame therefor. 4,507,675, 3-26-85, Cl. 357-70.000.

Fujii, Isao; Nishimura, Hiroyuki; and Kato, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Torch ignition type internal combustion engine. 4,491,104, 1-1-85, Cl. 123-291.000.

Fujii, Isao: *See—*
- Yagi, Shizuo; Otani, Junji; Fujii, Isao; and Kogure, Hiroshi, 4,494,504, Cl. 123-308.000.

Fujii, Junichi: *See—*
- Takezoe, Fumihiko; and Fujii, Junichi, 4,500,953, Cl. 364-200.000.

Fujii, Kanichi; and Otaka, Masahiro, to Mita Industrial Co., Ltd. Laser tube utilizing negative glow. 4,510,608, 4-9-85, Cl. 372-87.000.

Fujii, Katsumi: *See—*
- Saito, Hiraku; Suzuki, Yasuo; Fujii, Katsumi; Miyazaki, Kaoru; and Horio, Takekazu, 4,507,233, Cl. 260-115.000.

Fujii, Kazuko Uchida and Chigusa, heiresses: *See—*
- Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.

Fujii, Kiyonobu: *See—*
- Ueeda, Ryuhei; Fujii, Kiyonobu; and Narukawa, Hiroshi, 4,555,439, Cl. 428-221.000.
- Ueeda, Ryuhei; Fujii, Kiyonobu; Kubotsu, Akira; Kaneda, Shunji; and Okuno, Kenji, 4,560,715, Cl. 523-443.000.

Fujii, Kouhei: *See—*
- Ishitobi, Yoshimitsu; Fujii, Kouhei; and Nakatsuji, Fumio, 4,500,867, Cl. 338-128.000.

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, to UBE Industries, Ltd. Process for preparing 4-amino-5-dialkoxy-methylpyrimidine derivatives. 4,492,792, 1-8-85, Cl. 544-326.000.

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, to UBE Industries, Ltd. Process for the preparation of a 2-alkyl-4-amino-5-aminomethylpyrimidine. 4,539,403, 9-3-85, Cl. 544-326.000.

Fujii, Kunihisa; Tomono, Noboru; Watanabe, Hajime; and Miyakoshi, Yasushi, to Takamisawa Electric Co., Ltd. Electromagnetic relay. 4,516,099, 5-7-85, Cl. 335-135.000.

Fujii, Kunishisa; Yoshino, Kosei; and Nakazawa, Masami, to Takamisawa Electric Co., Ltd. Core structure for an electromagnetic relay. 4,539,543, 9-3-85, Cl. 335-281.000.

Fujii, Manabu: *See—*
- Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, 4,526,010, Cl. 62-126.000.

Fujii, Masaaki: *See—*
- Kitaguchi, Hiroshi; Kudo, Masashi; and Fujii, Masaaki, 4,532,103, Cl. 376-245.000.
- Kitamori, Takehiko; Fujii, Masaaki; and Sawada, Tsuguo, 4,557,137, Cl. 73-24.000.

Fujii, Masaharu: *See—*
- Nakashima, Hiroyuki; Tamura, Atuyoshi; Kanbara, Yoichi; and Fujii, Masaharu, 4,559,268, Cl. 428-397.000.

Fujii, Masahiko: *See—*
- Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,499,875, Cl. 123-416.000.
- Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,502,441, Cl. 123-416.000.
- Nomura, Akihiko; and Fujii, Masahiko, 4,559,384, Cl. 524-612.000.
- Yoshikumi, Chikao; Fujii, Takayoshi; Saito, Kenichi; Fujii, Masahiko; and Niimura, Koichi, 4,504,487, Cl. 514-492.000.

Fujii, Masahiro: *See—*
- Ida, Hiroaki; Fujii, Masahiro; and Haruta, Toshio, 4,515,691, Cl. 210-274.000.

Tanikawa, Keiichi; Fujii, Masahiro; and Kanno, Hideo, 4,561,911, Cl. 148-18.000.

Fujii, Masami: *See—*

Furukawa, Genzo; Sugie, Yutaka; and Fujii, Masami, 4,507,015, Cl. 404-103.000.

Fujii, Masanori: *See—*

Miyakawa, Nobuhiro; Fujii, Masanori; and Maekawa, Kouzi, 4,504,562, Cl. 430-106.600.

Fujii, Masao; and Nishiyama, Enju, to Mitsubishi Denki Kabushiki Kaisha. Temperature control device for a fuel cell. 4,500,612, 2-19-85, Cl. 429-26.000.

Fujii, Morizumi; Kakimoto, Hirofumi; and Fujino, Shinji, to Ina Seito Co., Ltd. Adhesive-backed tile panels and method for installation thereof. 4,554,769, 11-26-85, Cl. 52-173.00R.

Fujii, Noboru: *See—*

Shinohara, Satoru; Fujii, Noboru; Imada, Kiyohisa; Kadota, Genichi; and Ueno, Hideo, 4,514,560, Cl. 536-1.100.

Fujii, Noriki: *See—*

Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.

Fujii, Norio: *See—*

Hada, Kazunari; Fujii, Norio; Kawahara, Atsushi; Azuma, Toru; and Hazama, Junji, 4,506,382, Cl. 382-27.000.

Fujii, Satoru: *See—*

Sudoh, Chuzoh; Hagita, Hyoji; and Fujii, Satoru, 4,553,416, Cl. 72-40.000.

Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Nunomura, Shigeki; Sakurai, Yojiro; and Okutome, Toshiyuki, to Torii & Co. Ltd. Amidine derivatives with anti-complement activity. 4,496,584, 1-29-85, Cl. 514-510.000.

Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, to Funai Yakuhin Kogyo Kabushiki Kaisha. 2′-deoxy-3′,5′-di-O-alkylcarbonyl-5-fluorouridine derivatives, a process for the preparation of the derivatives and anti-tumor agents containing the derivatives. 4,503,045, 3-5-85, Cl. 514-25.000.

Fujii, Setsuro; Unemi, Norio; and Takeda, Setsuo, to Taiho Pharmaceutical Company Limited. Anti-cancer composition for delivering 5-fluorouracil. 4,507,301, 3-26-85, Cl. 514-274.000.

Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Sakurai, Yojiro; Nunomura, Shigeki; and Okutome, Toshiyuki, to Torii & Co. Ltd. Amidine compound, process for producing same and anti-complement agent comprising same. 4,514,416, 4-30-85, Cl. 549-442.000.

Fujii, Setsuro; Okutome, Toshiyuki; Nakayama, Toyoo; Yaegashi, Takashi; and Kurumi, Masateru, to Torii & Co. Ltd. Amidine compounds and anticomplement agent comprising same. 4,532,255, 7-30-85, Cl. 514-466.000.

Fujii, Setsuro: *See—*

Chikazawa, Nobumoto; Muraoka, Toshiharu; and Fujii, Setsuro, 4,550,076, Cl. 435-18.000.

Fujii, Shigeru: *See—*

Shimizu, Motohiro; and Fujii, Shigeru, 4,535,281, Cl. 322-28.000.

Fujii, Shosaku, to Alps Electric Co., Ltd. Slider arrangement and method of producing of the same. 4,511,879, 4-16-85, Cl. 338-174.000.

Fujii, Shuzo; Abe, Koichi; and Miwa, Hideo, to Denka Engineering Kabushiki Kaisha. Constant discharge device in a conveyor for powdery and granular materials. 4,502,819, 3-5-85, Cl. 406-14.000.

Fujii, Shuzo; Oishe, Hideo; and Moriyama, Takashi, to Denka Engineering Kabushiki Kaisha. High-pressure conveyor for powdery and granular materials. 4,502,820, 3-5-85, Cl. 406-56.000.

Fujii, Shuzo: *See—*

Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.

Fujii, Susumu: *See—*

Nozue, Ikutoshi; Fujii, Susumu; and Hanada, Masayuki, 4,511,668, Cl. 502-84.000.

Fujii, Tadashi; Yamaguchi, Tomoyuki; Murakami, Kakuji; Kawakami, Tomiko; and Uenozono, Hiroko, to Ricoh Company, Ltd. Aqueous ink for ink-jet printing. 4,508,570, 4-2-85, Cl. 106-20.000.

Fujii, Tadashi: *See—*

Aruga, Tamotsu; Fujii, Tadashi; Murakami, Kakuji; and Akutsu, Eiichi, 4,554,555, Cl. 346-1.100.

Ebi, Yutaka; Fujii, Tadashi; Sekiya, Takuro; Horike, Masanori; Furukawa, Tatsuya; and Tachiki, Masaaki, 4,504,844, Cl. 346-140.00R.

Fujii, Tadatsugu: *See—*

Asano, Tadashi; Suzuki, Tadashi; and Fujii, Tadatsugu, 4,506,521, Cl. 62-238.700.

Fujii, Tadayuki; Hiraoka, Yutaka; and Watanabe, Ryoji, to National Research Institute for Metals. Large crystal grains or single crystals of molybdenum and process for production thereof. 4,491,560, 1-1-85, Cl. 420-429.000.

Fujii, Takashi; Ushizawa, Jisaburo; and Watanabe, Masayuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Heating resistor of single crystal manufacturing apparatus. 4,533,822, 8-6-85, Cl. 219-553.000.

Fujii, Takashi; Ando, Masamoto; and Nishimura, Takumi, to Aisin Seiki Kabushiki Kaisha. Anti-skid brake control system for automobiles. 4,552,413, 11-12-85, Cl. 303-106.000.

Fujii, Takayoshi: *See—*

Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,737, Cl. 514-167.000.

Yoshikumi, Chikao; Fujii, Takayoshi; Saito, Kenichi; Fujii, Masahiko; and Niimura, Koichi, 4,504,487, Cl. 514-492.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.

Fujii, Takayuki; and Tanaka, Norio, to Honda Giken Kogyo Kabushiki Kaisha. Ventilator for two- or three-wheeled vehicle. 4,498,700, 2-12-85, Cl. 296-78.100.

Fujii, Tatsuo; and Takeda, Shigetomo, to TDK Corporation. Casing for magnetic tape cassette. 4,555,021, 11-26-85, Cl. 206-387.000.

Fujii, Teruo; Fukushima, Hiroshi; and Nakai, Nobuo, to Hitachi, Ltd. Remote control system. 4,540,856, 9-10-85, Cl. 179-89.000.

Fujii, Teruo; and Katsuyama, Mikizo, to Dainippon Screen Seizo Kabushiki Kaisha. Transmission illumination device in a picture scanning device. 4,558,214, 12-10-85, Cl. 250-216.000.

Fujii, Tetsuya: *See—*

Sakuraya, Toshikazu; Fujii, Tetsuya; Matsui, Shigeo; and Hayashi, Shigeki, 4,539,020, Cl. 55-26.000.

Sudo, Fumio; Fujii, Tetsuya; Kato, Yoshiei; Yamada, Sumio; and Emoto, Kanji, 4,543,125, Cl. 75-51.500.

Fujii, Tooru, to Olympus Optical Co., Ltd. Zoom lens system. 4,504,125, 3-12-85, Cl. 350-427.000.

Fujii, Toru, to Olympus Optical Co., Ltd. Attachment lens system for single-lens reflex cameras. 4,529,286, 7-16-85, Cl. 354-402.000.

Fujii, Toshifumi: *See—*

Uchida, Ryohei; and Fujii, Toshifumi, 4,495,525, Cl. 360-10.300.

Fujii, Toshihiro: *See—*

Kitahara, Shizuo; Fujii, Toshihiro; and Sugi, Nagatoshi, 4,542,190, Cl. 525-332.600.

Fujii, Toshinobu; and Kokado, Akira, to Meidensha Electric Mfg. Co., Ltd. Electrolyte circulation type metal-halogen secondary battery. 4,550,065, 10-29-85, Cl. 429-105.000.

Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, to Daikin Kogyo Co., Ltd.; and Nippon Telegraph & Telephone Public Corporation. Resist material and process for forming fine resist pattern. 4,539,250, 9-3-85, Cl. 428-195.000.

Fujii, Yasuhiko, to Victor Company of Japan, Ltd. Method and circuit arrangement for synchronous detection. 4,524,445, 6-18-85, Cl. 371-47.000.

Fujii, Yasuhiko; Owaki, Isao; Saito, Susumu; Mori, Takaro; and Nakamura, Shinji, to Victor Company of Japan, Ltd. Digital data duplication apparatus. 4,551,840, 11-5-85, Cl. 371-38.000.

Fujii, Yasuhiko: *See—*

Mori, Takaro; Saito, Susumu; and Fujii, Yasuhiko, 4,546,393, Cl. 360-40.000.

Owaki, Isao; Saito, Susumu; Fujii, Yasuhiko; and Nakamura, Shinji, 4,527,207, Cl. 360-73.000.

Fujii, Yasuhiro; and Mitsuzi, Masaru, to Kansai Paint Co., Ltd. Two coat one bake method for substrates which have metal and plastic component. 4,529,632, 7-16-85, Cl. 427-409.000.

Fujii, Yoshihiko; Tomita, Osamu; Taniguchi, Itaru; and Saiwai, Kazuhiko, to Kanzaki Paper Manufacturing Co., Ltd. Laser thermal printer. 4,520,370, 5-28-85, Cl. 346-76.00L.

Fujiie, Kazuhiko, to Sony Corporation. Disc players. 4,491,882, 1-1-85, Cl. 360-53.000.

Fujiie, Kazuhiko; and Nonaka, Chiaki, to Sony Corporation. Optical disc player with focus control during search mode. 4,497,047, 1-29-85, Cl. 369-45.000.

Fujiie, Kazuhiko, to Sony Corporation. Disc players. 4,539,667, 9-3-85, Cl. 369-50.000.

Fujikake, Masato: *See—*

Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,507,438, Cl. 525-119.000.

Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,541,871, Cl. 106-197.200.

Fujikata, Kenji: *See—*

Nakayama, Takeshi; Kurosu, Masaaki; Ohshima, Yoshimitsu; Fujikata, Kenji; Uchida, Shigeru; and Nakajima, Akira, 4,531,119, Cl. 340-712.000.

Fujikawa, Atsunobu: *See—*

Motoda, Masanori; Fujikawa, Atsunobu; Shuzuki, Shigeki; Suzuki, Junpei; and Nojima, Masahiro, 4,559,252, Cl. 428-57.000.

Fujikawa, Hisao: *See—*

Moroishi, Taishi; Fujikawa, Hisao; Murayama, Junichiro; and Shoji, Yuji, 4,530,720, Cl. 75-128.00A.

Fujikawa, Kanichi: *See—*

Nishiyama, Ryuzo; Fujikawa, Kanichi; Yokomichi, Isao; Haga, Takahiro; Nagatani, Kuniaki; and Hayashi, Kouji, 4,546,191, Cl. 546-303.000.

Fujikawa, Katsuhiro; and Gohda, Osamu, to Mitsubishi Denki Kabushiki Kaisha. Sewing machine control device. 4,509,445, 4-9-85, Cl. 112-317.000.

Fujikawa, Katsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Speed control apparatus for sewing machine. 4,530,297, 7-23-85, Cl. 112-275.000.

Fujikawa, Katsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Control system for sewing machines. 4,545,314, 10-8-85, Cl. 112-275.000.

Fujikawa, Kazuhiko: *See—*
Tanino, Hiroshi; Okamoto, Tetsuhiko; Ueyama, Shinichiro; Fujikawa, Kazuhiko; and Tsumiyama, Takatoshi, 4,522,689, Cl. 203-52.000.

Fujikawa, Keishin: *See—*
Nagatomo, Hiroto; Maejima, Hisashi; Suzuki, Jun; and Fujikawa, Keishin, 4,544,318, Cl. 414-222.000.

Fujikawa, Masaki, to Yasui Sangyo Co., Ltd. Warning means for a safety valve of a hydraulic power unit and a hydraulic power unit having the same. 4,533,908, 8-6-85, Cl. 340-626.000.

Fujikawa, Motoi, to Aisin Seiki Kabushiki Kaisha. Wheel hub clutch assembly. 4,534,455, 8-13-85, Cl. 192-40.000.

Fujikawa, Motoi: *See—*
Kagata, Tooru; and Fujikawa, Motoi, 4,538,714, Cl. 192-54.000.

Fujikawa, Tadashi: *See—*
Ideta, Yasufumi; and Fujikawa, Tadashi, 4,541,791, Cl. 418-182.000.
Kiyoshige, Satoshi; Fujikawa, Tadashi; and Eguchi, Shinsuke, 4,558,998, Cl. 418-26.000.

Fujikawa, Takao: *See—*
Fukutsuka, Toshiro; Moritoki, Masato; Fujikawa, Takao; and Gennai, Norio, 4,505,762, Cl. 148-11.50R.
Moritoki, Masato; Fujikawa, Takao; Kitagawa, Kazuo; and Miyanaga, Junichi, 4,503,319, Cl. 219-390.000.

Fujikawa, Takashi: *See—*
Kawatani, Kimio; Fujikawa, Takashi; and Watanabe, Eiji, 4,544,414, Cl. 106-287.240.

Fujikawa, Tetsuzo; Tamba, Shinichi; and Miyake, Hitomi, to Kawasaki Jukogyo Kabushiki Kaisha. Engine stopping device. 4,531,487, 7-30-85, Cl. 123-198.0DC.

Fujikawa, Tetsuzo; and Abe, Shinji, to Kawasaki Jukogyo Kabushiki Kaisha. Two-stroke cycle multispark ignition type gasoline engine. 4,538,568, 9-3-85, Cl. 123-310.000.

Fujikawa, Toyoharu: *See—*
Nishikubo, Yasuhiko; Fujikawa, Toyoharu; and Tanaka, Tsutomu, 4,549,818, Cl. 374-178.000.

Fujikawa, Yoshiyuki: *See—*
Hashimoto, Shintaro; Kotani, Yasuhiro; and Fujikawa, Yoshiyuki, 4,503,428, Cl. 340-792.000.
Morino, Masuaki; Fujikawa, Yoshiyuki; Haneda, Isamu; and Myoi, Tetsuo, 4,531,194, Cl. 364-705.000.
Nakanishi, Yasuhiro; and Fujikawa, Yoshiyuki, 4,530,068, Cl. 364-900.000.

Fujikawa, Yoyu: *See—*
Nakagaki, Noboru; and Fujikawa, Yoyu, 4,527,404, Cl. 66-202.000.

Fujiki, Kuniharu; and Hashimoto, Shigeru, to Victor Company of Japan, Ltd. Magnetic recording media comprising organosilicones in a magnetic layer thereof. 4,501,800, 2-26-85, Cl. 428-447.000.

Fujiki, Kuniharu, to Victor Company of Japan, Ltd. Magnetic recording media of the high recording density type comprising both titanium monoxide and magnetic alloy powders in a magnetic layer. 4,521,480, 6-4-85, Cl. 428-328.000.

Fujiki, Makoto; and Takayama, Makoto, to Canon Kabushiki Kaisha. Information recording apparatus. 4,507,688, 3-26-85, Cl. 360-13.000.

Fujiki, Makoto; and Takayama, Makoto, to Canon Kabushiki Kaisha. Information recording device for video and sound. 4,549,236, 10-22-85, Cl. 360-19.100.

Fujiki, Masao, to Tokyo Shibaura Denki Kabushiki Kaisha. Velocity control device for magnetic disc apparatus and method therefor. 4,524,398, 6-18-85, Cl. 360-78.000.

Fujiki, Masao, to Tokyo Shibaura Denki Kabushiki Kaisha. Servo track configuration for magnetic disk apparatus. 4,539,607, 9-3-85, Cl. 360-77.000.

Fujiki, Norio: *See—*
Fukuhara, Hiroshige; and Fujiki, Norio, 4,525,870, Cl. 455-297.000.
Tachibana, Akira; Fujiki, Norio; Endo, Hiroshi; Yamaki, Kiyoshi; and Kishi, Norimasa, 4,543,577, Cl. 340-904.000.

Fujiki, Satoshi: *See—*
Tanino, Katsumi; Fujiki, Satoshi; and Okamoto, Shinzi, 4,499,010, Cl. 252-512.000.

Fujiki, Toshiaki; and Kano, Hikaru, to Mitsuboshi Belting Ltd. Method of heat-insulating and water-proof construction utilizing a roll having a web portion and a flap portion. 4,535,581, 8-20-85, Cl. 52-746.000.

Fujikin International, Inc.: *See—*
Sekoguchi, Kotohiko; and Sonoda, Yoshiteru, 4,537,078, Cl. 73-744.000.

Fujikogyosho Co., Ltd.: *See—*
Saito, Akihiro, 4,525,617, Cl. 219-83.000.

Fujikura Cable Works, Limited, The: *See—*
Takaoka, Michio; Moutai, Tsuneaki; and Miura, Isao, 4,507,358, Cl. 428-298.000.

Fujikura Kasei Co., Ltd.: *See—*
Nagase, Hiroshi, 4,524,186, Cl. 525-328.800.

Fujikura Ltd.: *See—*
Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.
Goto, Moritaka; and Kameoka, Takahito, 4,558,913, Cl. 339-74.00R.
Nakamura, Koichi; Ishibashi, Masashi; Kameda, Hideki; and Makiyo, Minoru, 4,555,422, Cl. 428-36.000.
Saito, Takashi; Suzuki, Kazumoto; and Naganuma, Yoshihiro, 4,525,432, Cl. 428-653.000.
Shingo, Yoshioki; Matsuda, Takao; Yoshino, Akira; Sunazuka, Hideo; Hasegawa, Masatake; and Kobayashi, Hirotada, 4,549,041, Cl. 174-113.00R.
Suzuki, Fumio; Ohnuma, Toshio; Koga, Kazuyuki; and Watanabe, Tatsuya, 4,557,046, Cl. 29-749.000.

Fujikura, Takashi: *See—*
Imai, Kazuo; Niigata, Kunihiro; Fujikura, Takashi; Hashimoto, Shinichi; and Takenaka, Toichi, 4,558,156, Cl. 564-85.000.

Fujima, Yasuo: *See—*
Bando, Niro; Kurohara, Kazuaki; Fujima, Yasuo; Ikeda, Fumihiro; Usiro, Kenzo; and Ogasawara, Hiroyuki, 4,509,614, Cl. 180-273.000.

Fujimaki, Akira, to Zaidan Hojin Minsei Kagaku Kyokai. Antihypertensive agents and process for producing the same. 4,510,161, 4-9-85, Cl. 514-54.000.

Fujimaki, Hiroto: *See—*
Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, 4,506,028, Cl. 502-101.000.

Fujimaki, Tatsuo: *See—*
Oshima, Noboru; Shimizu, Isamu; Yoshimura, Yoshito; Fujimaki, Tatsuo; and Tomita, Seisuke, 4,526,934, Cl. 525-332.900.
Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.

Fujimaki, Yoshihide; Takei, Yoshiaki; and Nomori, Hiroyuki, to Konishiroku Photo Industry Co., Ltd. Electrophotographic photosensitive member. 4,540,651, 9-10-85, Cl. 430-72.000.

Fujimaki, Yukiko: *See—*
Iida, Hideyo; Kato, Koumei; Mishuku, Toshio; and Fujimaki, Yukiko, 4,510,195, Cl. 428-215.000.

Fujimatsu, Wataru: *See—*
Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, 4,537,824, Cl. 428-323.000.

Fujimori, Eiichi, to Japan Steel Works, Ltd., The. Process for the production of activated carbon using wood as a carbon source. 4,552,863, 11-12-85, Cl. 502-418.000.

Fujimori Kogyo Co., Ltd.: *See—*
Azuma, Tadashi; Akamatsu, Yoshihiro; Akiyama, Hiroyuki; and Yoshimura, Shohei, 4,496,627, Cl. 428-336.000.

Fujimori, Kyoichi: *See—*
Oshizawa, Hidekazu; and Fujimori, Kyoichi, 4,541,380, Cl. 123-357.000.

Fujimori, Motoyuki, to Shiojiri Kogyo Kabushiki Kaisha. Module for combination timepiece. 4,555,184, 11-26-85, Cl. 368-88.000.

Fujimori, Noboru: *See—*
Kagawa, Nobuaki; Fujimori, Noboru; Tanaka, Shigeo; and Onodera, Kaoru, 4,517,284, Cl. 430-591.000.
Sakamoto, Eiichi; Kawasaki, Mikio; Ono, Kouji; Fukuoji, Kakujulo; and Fujimori, Noboru, 4,500,631, Cl. 430-413.000.

Fujimori, Toshiyuki: *See—*
Kubo, Hirofumi; and Fujimori, Toshiyuki, 4,496,926, Cl. 336-205.000.

Fujimori, Yasutomo, to Tokyo Shibaura Denki Kabushiki Kaisha. System for measuring the pressure sealed inside an envelope. 4,492,469, 1-8-85, Cl. 356-361.000.

Fujimori, Yoshinori: *See—*
Kaneko, Nagao; Fujimori, Yoshinori; Shimizu, Seizaburo; and Obara, Shin, 4,549,107, Cl. 310-327.000.

Fujimoto, Akira. FM signal demodulating apparatus. 4,540,947, 9-10-85, Cl. 329-50.000.

Fujimoto, Hideki: *See—*
Nishioka, Akira; Kawanabe, Yoshihiro; Takahori, Hiroyuki; and Fujimoto, Hideki, 4,539,491, Cl. 307-297.000.

Fujimoto, Hideo: *See—*
Kaifu, Masaharu; Takigawa, Jun; Fujimoto, Hideo; Nishimura, Tomohiro; and Takemoto, Masao, 4,560,625, Cl. 428-654.000.

Fujimoto, Hiroaki, to Sanshin Kogyo Kabushiki Kaisha. Starting fuel increasing system for internal combustion engines. 4,542,723, 9-24-85, Cl. 123-187.50R.

Fujimoto, Hiroaki, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Two-cycle internal combustion engine. 4,549,508, 10-29-85, Cl. 123-73.0PP.

Fujimoto, Hiroshi: *See—*
Sakamoto, Junichi; Fujimoto, Hiroshi; and Miyake, Hideo, 4,551,215, Cl. 204-159.230.

Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Rail apparatus around reactor pressure vessel. 4,507,260, 3-26-85, Cl. 376-249.000.

Fujimoto, Hirotsugu: *See—*
Takaku, Kazuo; Naruse, Akisuke; Fujimoto, Hirotsugu; and Kimura, Hiroshi, 4,518,560, Cl. 376-245.000.

Fujimoto, Hiroyuki: *See—*
Nojima, Kazuhiro; Fujimoto, Hiroyuki; and Takahashi, Mikio, 4,515,833, Cl. 427-362.000.

Fujimoto, Isao, to Sanyo Electric Co., Ltd. Tuner apparatus. 4,555,808, 11-26-85, Cl. 455-180.000.

Fujimoto, Kazuhiro: *See—*
Oiso, Hisayoshi; Joyama, Norio; Fujimoto, Kazuhiro; and Okamoto, Kozo, 4,526,525, Cl. 425-9.000.

Fujimoto, Kazuhisa: *See—*
Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, 4,511,560, Cl. 514-27.000.

Fujimoto, Kazumi: *See—*
Tsuji, Akira; Ito, Sadayuki; and Fujimoto, Kazumi, 4,517,617, Cl. 360-133.000.

Fujimoto, Kazuyuki: *See—*
Kawahito, Tsuneyoshi; Abe, Katsuo; Kamei, Tsuneaki; Fujimoto, Kazuyuki; Mitani, Masao; and Hiratsuka, Shigetoshi, 4,517,444, Cl. 219-216.000.

Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, to Sumitomo Chemical Company, Limited. Optically active phenyl acetates. 4,531,008, 7-23-85, Cl. 549-447.000.

Fujimoto, Masaya: *See—*
Harada, Takashi; Kobayashi, Akio; Honda, Masakazu; Harada, Susumu; Fujimoto, Masaya; and Suzuki, Masatoshi, 4,543,176, Cl. 204-406.000.
Ninomiya, Masakazu; and Fujimoto, Masaya, 4,548,179, Cl. 123-440.000.

Fujimoto, Michitaro; Ohde, Hironori; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, to Fujimoto Pharmaceutical Corp. Synthesis of cimetidine and analogs thereof. 4,520,201, 5-28-85, Cl. 548-342.000.

Fujimoto, Michitaro; Funazo, Giichi; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, to Fujimoto Pharmaceutical Corp. Synthesis of an imidazolyl isothiourea. 4,560,764, 12-24-85, Cl. 548-190.000.

Fujimoto, Minoru: *See—*
Komatsu, Nobuhiro; Fujimoto, Minoru; Hirata, Kazuyuki; and Yamane, Makoto, 4,542,934, Cl. 296-194.000.

Fujimoto, Misao: *See—*
Nagao, Akihito; Takahashi, Kouichi; Masuda, Shunji; Fujimoto, Misao; and Nishikawa, Toshio, 4,552,112, Cl. 123-432.000.

Fujimoto Pharmaceutical Corp.: *See—*
Fujimoto, Michitaro; Ohde, Hironori; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,520,201, Cl. 548-342.000.
Fujimoto, Michitaro; Funazo, Giichi; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,560,764, Cl. 548-190.000.

Fujimoto Photo Industrial Co., Ltd.: *See—*
Kashiwagi, Atumi, 4,508,331, Cl. 271-107.000.

Fujimoto, Ryo, to Canon Kabushiki Kaisha. Color television signal producing device capable of compensating the color signal. 4,498,097, 2-5-85, Cl. 358-12.000.

Fujimoto, Ryo, to Canon Kabushiki Kaisha. Method and device for correcting chrominance signal. 4,511,916, 4-16-85, Cl. 358-28.000.

Fujimoto, Ryoichi: *See—*
Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, 4,522,040, Cl. 62-419.000.

Fujimoto, Shigeo. Apparatus for dilution of pulp. 4,521,380, 6-4-85, Cl. 422-273.000.

Fujimoto, Shigeo. Double cylinder press for formation of fibrous layers. 4,543,161, 9-24-85, Cl. 162-323.000.

Fujimoto, Shigeru, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for forming oblique groove in semiconductor device. 4,517,769, 5-21-85, Cl. 51-105.00R.

Fujimoto, Sumio: *See—*
Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, 4,502,975, Cl. 252-315.100.

Fujimoto, Takahiko: *See—*
Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,529,030, Cl. 164-468.000.
Narita, Kiichi; Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,527,615, Cl. 164-468.000.

Fujimoto, Takako: *See—*
Yamanaka, Motosuke; Saito, Isao; Yamatsu, Kiyomi; and Fujimoto, Takako, 4,533,669, Cl. 514-396.000.

Fujimoto, Takanori, to Mitsubishi Denki Kabushiki Kaisha. Magnet ignition device. 4,528,970, 7-16-85, Cl. 123-602.000.

Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, to Toyo Kohan Co., Ltd. Metallic chromium-nickel-hydrated chromium oxide-coated tin free steel and process for the production thereof. 4,511,631, 4-16-85, Cl. 428-632.000.

Fujimoto, Terunori: *See—*
Shimizu, Nobuyoshi; Fujimoto, Terunori; Inui, Tsuneo; and Ishida, Masatoki, 4,508,790, Cl. 428-632.000.

Fujimoto, Teruo; Isono, Yoshinobu; and Miyaki, Yoshiyuki, to Toyo Soda Manufacturing Co., Ltd. Method for separating and purifying amino acid. 4,554,376, 11-19-85, Cl. 562-554.000.

Fujimoto, Teruo: *See—*
Miyaki, Yoshiyuki; Fujita, Yoshitaka; Se, Kazunori; and Fujimoto, Teruo, 4,514,304, Cl. 210-638.000.

Fujimoto, Tetsuo: *See—*
Kurita, Akitsugu; and Fujimoto, Tetsuo, 4,559,319, Cl. 502-156.000.

Fujimoto, Tsunetomo, to Mitsubishi Denki Kabushiki Kaisha. Mobile substation. 4,562,360, 12-31-85, Cl. 307-149.000.

Fujimoto, Yasuyuki: *See—*
Anazawa, Shinzo; Yamada, Hitoshi; Noda, Kuniharu; and Fujimoto, Yasuyuki, 4,527,010, Cl. 174-52.0FP.

Fujimoto, Yoshiaki: *See—*
Hirota, Ken; Fujimoto, Yoshiaki; Watanabe, Kouichi; and Sugimura, Minoru, 4,521,323, Cl. 252-62.590.

Fujimoto, Yuji; Aono, Masayuki; Nakano, Tetuo; and Nakabayashi, Teiji, to Daikin Industries, Ltd. Refrigeration equipment. 4,542,783, 9-24-85, Cl. 165-30.000.

Fujimura, Akira; and Ozaki, Shunzaburo, to Honda Giken Kogyo Kabushiki Kaisha. Air/fuel ratio control system for an internal combustion engine. 4,495,922, 1-29-85, Cl. 123-440.000.

Fujimura, Fumio; Satake, Toshimi; Iwaguro, Makoto; and Minami, Toshiaki, to Jujo Paper Co., Ltd. Heat-sensitive recording sheet. 4,518,977, 5-21-85, Cl. 346-209.000.

Fujimura, Fumio: *See—*
Satake, Toshimi; Maruyama, Kazuo; and Fujimura, Fumio, 4,502,066, Cl. 346-209.000.
Yamato, Noboru; Satake, Toshimi; Minami, Toshiaki; and Fujimura, Fumio, 4,498,091, Cl. 346-216.000.

Fujimura, Gen; Sotoma, Koichi; Kunikyo, Hiroshi; Hata, Masahito; and Inoue, Hidesuke, to Kewpie Kabushiki Kaisha. High speed egg breaking apparatus. 4,534,284, 8-13-85, Cl. 99-498.000.

Fujimura, Gen, to Kewpie Kabushiki Kaisha. Method of and apparatus for separating white from yolk of an egg. 4,541,330, 9-17-85, Cl. 99-500.000.

Fujimura, Hajime; Hiramatsu, Yasuzo; Yamazaki, Tomio; Yamada, Shozo; and Honna, Takaji, to Taiho Pharmaceutical Company Limited. Piperazine derivative and analgesic composition containing the same. 4,518,712, 5-21-85, Cl. 514-255.000.

Fujimura, Hajime: *See—*
Hori, Mikio; and Fujimura, Hajime, 4,542,215, Cl. 544-126.000.

Fujimura, Hiroshi: *See—*
Ide, Eizo; and Fujimura, Hiroshi, 4,525,619, Cl. 219-124.220.

Fujimura, Kazushiro; and Ito, Toshimitsu, to Toyota Jidosha Kabushiki Kaisha. Method of control of internal combustion engine variable swirl air-fuel intake system with direct and helical intake passages. 4,519,355, 5-28-85, Cl. 123-491.000.

Fujimura, Kazutoshi: *See—*
Abe, Yasuaki; Hayashi, Mikio; Asagi, Kousaku; Morii, Akira; and Fujimura, Kazutoshi, 4,495,017, Cl. 156-181.000.

Fujimura, Masaaki: *See—*
Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.

Fujimura, Masayuki: *See—*
Toshimitsu, Naohiko; and Fujimura, Masayuki, 4,523,244, Cl. 360-129.000.

Fujimura, Mituaki: *See—*
Masumoto, Kazuhiro; Fujimura, Mituaki; and Sawazaki, Masauki, 4,517,151, Cl. 264-540.000.

Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, to Canon Kabushiki Kaisha. Electrophotographic process. 4,533,232, 8-6-85, Cl. 355-3.00R.

Fujimura, Ryuta, to Nissan Motor Company, Limited. Noise and vibration reducing apparatus for use in exhaust system of engine. 4,540,064, 9-10-85, Cl. 181-227.000.

Fujimura, Shuzo; and Yano, Hiroshi, to Fujitsu Limited. Microwave plasma processing apparatus. 4,512,868, 4-23-85, Cl. 204-298.000.

Fujimura, Syunichi; Oda, Eisuke; Hagiwara, Miyuki; and Morita, Youske, to Furukawa Electric Co., Ltd., The; and Japan Atomic Energy Research Institute. Method for manufacturing flame-retardant insulated wire and cable for nuclear power stations. 4,554,173, 11-19-85, Cl. 427-120.000.

Fujimura, Takashi; and Nishizawa, Masahiro, to Hitachi, Ltd. Extra-high pressure mercury discharge lamp. 4,524,306, 6-18-85, Cl. 315-326.000.

Fujimura, Takashi; Takahashi, Katsuyu; and Nishizawa, Masahiro, to Hitachi, Ltd. Light exposure apparatus with cooling means. 4,535,234, 8-13-85, Cl. 250-238.000.

Fujimura, Takashi: *See—*
Igaki, Seigo; Nakakuki, Tadao; Inagaki, Takefumi; Oikawa, Shuetsu; and Fujimura, Takashi, 4,559,452, Cl. 250-560.000.

Fujimura, Toshiaki: *See—*
Nanpei, Masaru; Tomita, Akira; Fujimura, Toshiaki; and Etoh, Kuniomi, 4,544,624, Cl. 430-281.000.

Fujimura, Toshio: *See—*
Nagasawa, Shiro; Morimoto, Naruaki; Fujimura, Toshio; Itoh, Masayuki; and Taniguchi, Shinya, 4,542,730, Cl. 123-489.000.

Fujimura, Toshiro: *See—*
Takenoya, Hideaki; Fujimura, Toshiro; Hara, Masanori; and Tonomura, Yoshinobu, 4,522,137, Cl. 112-266.100.

Fujimura, Yasushi; Okada, Takashi; Tanaka, Yutaka; and Ikeda, Yasunari, to Sony Corporation. Double-scanning non-interlace television receiver. 4,509,071, 4-2-85, Cl. 358-11.000.

Fujimura, Yasushi; Okada, Takashi; and Yamagiwa, Kazuo, to Sony Corporation. Subscription television system. 4,533,949, 8-6-85, Cl. 358-122.000.

Fujinaga, Yasuhiro, to Shimadzu Corporation. Electronic balance with averaging feature for vibration error correction. 4,553,619, 11-19-85, Cl. 177-185.000.

Fujinaga, Yasuhiro: *See—*
Yano, Shozo; Komoto, Akira; and Fujinaga, Yasuhiro, 4,493,384, Cl. 177-25.000.

Fujinami, Minpai: *See—*
Shibayama, Akinori; Fujinami, Minpai; and Yoda, Haruo, 4,532,598, Cl. 364-491.000.

Fujinami, Yoshio; Itoyama, Katumi; and Ochiai, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Manual operating device for a slide type electrical device. 4,533,805, 8-6-85, Cl. 200-304.000.

Fujinawa, Tomoaki: *See—*
Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.

Fujino, Kenji: *See—*
Iwaoka, Hideto; Fujino, Kenji; Sugiyama, Tadashi; and Matsuura, Hiroyuki, 4,536,712, Cl. 324-309.000.

Fujino, Masahiko; and Kitada, Chieko, to Takeda Chemical Industries, Ltd. Polypeptide-diesters, their production and use. 4,559,324, 12-17-85, Cl. 514-14.000.

Fujino, Masahisa; Sunouchi, Akio; Suzuki, Ryuji; and Konno, Tatsuo, to Canon Kabushiki Kaisha. Light shading device for a camera. 4,494,844, 1-22-85, Cl. 354-241.000.

Fujino, Masahisa: *See—*
- Sunouchi, Akio; Suzuki, Ryuji; Fujino, Masahisa; and Konno, Tatsuo, 4,500,186, Cl. 354-234.000.

Fujino, Shinji: *See—*
- Fujii, Morizumi; Kakimoto, Hirofumi; and Fujino, Shinji, 4,554,769, Cl. 52-173.00R.
- Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.

Fujino, Sigeo; Hase, Takashi; and Toshinai, Akio, to Kasei Optonix, Ltd. Electron excited fluorescent display device including screen with rare earth phosphor exhibiting sublinear current density-emission luminance characteristics. 4,510,414, 4-9-85, Cl. 313-468.000.

Fujinuma, Makoto; Futatsudera, Masaomi; and Harigae, Makoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Color picture tube with shadow mask supporting members. 4,491,763, 1-1-85, Cl. 313-405.000.

Fujioka, Akira: *See—*
- Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, 4,522,966, Cl. 524-114.000.

Fujioka, Atsushi; Miyadera, Yasuo; and Fukuda, Tomio, to Hitachi Chemical Company, Ltd. Polyamino-bis-imide resin. 4,526,838, 7-2-85, Cl. 428-458.000.

Fujioka, Atsushi: *See—*
- Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, 4,510,008, Cl. 156-245.000.
- Kumazawa, Tetsuo; Doi, Hiroaki; Miyadera, Yasuo; Fujioka, Atsushi; and Nagai, Tadashi, 4,528,223, Cl. 428-36.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. Tertiary hydroxyl carboxaldehydes and organoleptic use thereof. 4,491,537, 1-1-85, Cl. 252-522.00R.

Fujioka, Futoshi; Boden, Richard M.; Schreiber, William L.; Whelan, Patrick; and Hanna, Marie R., to International Flavors & Fragrances Inc. 5-alkoxybicyclo[2.2.1]heptane-2-oxypropane derivatives and uses thereof in augmenting or enhancing the aromas of perfume compositions, colognes and perfumed articles. 4,519,943, 5-28-85, Cl. 252-522.00R.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. Ether carbinols and process for preparing same. 4,521,634, 6-4-85, Cl. 568-665.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. Ether carboxaldehydes. 4,532,364, 7-30-85, Cl. 568-444.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. 4-(2-bornyloxy)-2-butyn-1-ol and organoleptic uses thereof. 4,539,142, 9-3-85, Cl. 252-522.00R.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. 2-acetoxy-4-(2-bornyloxy) butane. 4,540,812, 9-10-85, Cl. 560-256.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. Ether carbinols, process for preparing same, products produced according to said processes containing said ether carbinols, organoleptic uses thereof, ether carboxaldehydes and organoleptic uses thereof. 4,544,775, 10-1-85, Cl. 568-675.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. Bicyclo tertiary hydroxyl carboxaldehyde. 4,554,384, 11-19-85, Cl. 568-445.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. Tertiary hydroxyl carboxaldehydes, organoleptic uses thereof, and processes for producing same. 4,554,385, 11-19-85, Cl. 568-496.000.

Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., to International Flavors & Fragrances Inc. 4(p-cumenyloxy)-3-methyl-1-butanol. 4,556,746, 12-3-85, Cl. 568-648.000.

Fujioka, Futoshi: *See—*
- Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,510,080, Cl. 252-522.00R.
- Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,528,402, Cl. 568-445.000.
- Sprecker, Mark A.; Schreiber, William L.; Fujioka, Futoshi; Boden, Richard M.; Vock, Manfred H.; Whelan, Patrick; and Hanna, Marie R., 4,541,949, Cl. 252-522.00R.

Fujioka, George S.; and Fung, Alexander P., to Dow Chemical Company, The. Chlorine exchange for fluorine in ring-fluorinated pyridine compounds. 4,546,192, 10-8-85, Cl. 546-345.000.

Fujioka, Koichiro: *See—*
- Yokoyama, Yasuyuki; Hatano, Takayoshi; Suzuki, Kenji; and Fujioka, Koichiro, 4,557,592, Cl. 355-51.000.

Fujioka, Koji, to Hoxan Corporation. Apparatus for measuring melting and boiling points of gas. 4,549,816, 10-29-85, Cl. 374-27.000.

Fujioka, Kotaro: *See—*
- Saito, Isoo; Fujioka, Kotaro; Arai, Hajime; and Saruyama, Hideo, 4,491,657, Cl. 528-308.100.

Fujioka, Masato; Kobayashi, Katsuyoshi; Yuta, Koichi; and Nishihara, Nobuyoshi, to Nippon Steel Corporation. Continuous heat treatment furnace. 4,494,929, 1-22-85, Cl. 432-59.000.

Fujioka, Shuji: *See—*
- Yokota, Mitsuru; Fujioka, Shuji; Goshima, Tsutomu; Kenjo, Hideki; and Komaki, Kazushige, 4,548,983, Cl. 524-726.000.

Fujioka, Syozo: *See—*
- Saita, Kenji; and Fujioka, Syozo, 4,556,501, Cl. 252-70.000.

Fujioka, Yoshiharu; Onuki, Akio; and Sakamoto, Tomio, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotary magnetic head. 4,509,084, 4-2-85, Cl. 360-84.000.

Fujioka, Yoshiharu; Onuki, Akio; and Takei, Shushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Perpendicular magnetic recording head. 4,562,503, 12-31-85, Cl. 360-123.000.

Fujioka, Yoshiki; and Hirota, Mitsuhiko, to Fanuc Ltd. AC motor control method. 4,499,414, 2-12-85, Cl. 318-803.000.

Fujioka, Yoshiki: *See—*
- Ishida, Hiroshi; Fujioka, Yoshiki; and Ota, Naoto, 4,558,269, Cl. 318-811.000.
- Ishida, Hiroshi; Fujioka, Yoshiki; and Ota, Naoto, 4,560,927, Cl. 324-166.000.
- Kohzai, Yoshinori; Fujioka, Yoshiki; and Ota, Naoto, 4,501,999, Cl. 318-632.000.

Fujioka, Yoshisato; and Kawamura, Atsushi, to Ricoh Company, Ltd. Wide angle zoom lens. 4,527,867, 7-9-85, Cl. 350-427.000.

Fujirebio Kabushiki Kaisha: *See—*
- Nakae, Taiji; and Ryo, Eisaku, 4,560,665, Cl. 436-172.000.
- Sugiyama, Masami; Shibuya, Hiroko; and Kasahara, Yasushi, 4,551,272, Cl. 260-112.50R.
- Taniguchi, Nobuhiro; and Endo, Tomohiro, 4,515,776, Cl. 424-85.000.

Fujisaki, Hisashi: *See—*
- Nishino, Masakazu; and Fujisaki, Hisashi, 4,513,177, Cl. 179-81.00B.

Fujisaki, Masaru: *See—*
- Fujitaka, Nobuo; Fujisaki, Masaru; and Hagiwara, Yoshitoshi, 4,527,839, Cl. 301-63.0DD.
- Noda, Azusa; Fujitaka, Nobuo; and Fujisaki, Masaru, 4,540,193, Cl. 280-284.000.

Fujisaki, Tadashi: *See—*
- Minato, Hideo; Fujisaki, Tadashi; Shimizu, Kazufusa; and Koyanagi, Yoshiharu, 4,559,073, Cl. 71-9.000.

Fujisawa, Hakubun; Nishiura, Masaharu; Haruki, Hiromu; and Uchida, Yoshiyuki, to Fuji Electric Co., Ltd.; and Fuji Electric Corporate Research & Development, Ltd. Pattern detector. 4,555,636, 11-26-85, Cl. 250-578.000.

Fujisawa, Hiroshi: *See—*
- Shibata, Setsuo; Koshiba, Yukihiko; Hamamoto, Yoshito; Kugai, Katsutoshi; Kawashima, Akiro; and Fujisawa, Hiroshi, 4,540,490, Cl. 210-323.200.

Fujisawa, Ikuo: *See—*
- Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, 4,511,877, Cl. 338-2.000.

Fujisawa, Kazuo: *See—*
- Kumasaka, Hideo; and Fujisawa, Kazuo, 4,508,569, Cl. 106-14.120

Fujisawa, Koichi: *See—*
- Kobayashi, Kyoji; Kato, Masaru; and Fujisawa, Koichi, 4,542,325, Cl. 318-483.000.

Fujisawa, Kyuichi: *See—*
- Tamai, Hideo; and Fujisawa, Kyuichi, 4,504,838, Cl. 346-46.000

Fujisawa, Makoto: *See—*
- Kano, Yoshiharu; Fujisawa, Makoto; Nojiri, Shoji; and Tanaka, Yoshikazu, 4,512,015, Cl. 370-110.100.

Fujisawa, Masao: *See—*
- Mizusawa, Mitutoyo; and Fujisawa, Masao, 4,500,138, Cl. 303-6.00C.
- Mizusawa, Mitutoyo; and Fujisawa, Masao, 4,548,445, Cl. 303-22.00A.

Fujisawa, Noriyoshi; Ooshima, Katsuaki; Iijima, Junko; and Deguchi, Katsuhiko, to Kao Corporation. Liquid detergent composition. 4,526,710, 7-2-85, Cl. 252-545.000.

Fujisawa Pharmaceutical Co., Ltd.: *See—*
- Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.
- Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.
- Hashimoto, Masashi; and Aratani, Matsuhiko, 4,497,738, Cl. 260-239.00A.
- Hashimoto, Masashi; Hemmi, Keiji; and Hagiwara, Daijiro, 4,497,801, Cl. 514-15.000.
- Hashimoto, Masashi; Aratani, Matsuhiko; and Sawada, Kozo, 4,539,152, Cl. 260-245.20T.
- Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.
- Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, 4,517,299, Cl. 435-197.000.
- Kamiya, Takashi; Tanaka, Kunihiko; Teraji, Tsutomu; and Nakai, Yoshiharu, 4,506,076, Cl. 548-119.000.
- Kamiya, Takashi; Tanaka, Kunihiko; Nakai, Yoshiharu; and Sakane, Kazuo, 4,560,765, Cl. 548-194.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,497,729, Cl. 260-112.50R.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.

Obata, Saburo; and Ito, Kazuo, 4,533,273, Cl. 401-190.000.

Sato, Yoshinari, 4,525,478, Cl. 514-350.000.

Takagi, Hirofumi; Kunugita, Kiyohiko; Sawai, Hideki; and Kariyone, Kazuo, 4,504,471, Cl. 514-18.000.

Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,493,831, Cl. 424-180.000.

Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,493,833, Cl. 424-246.000.

Takaya, Takao; Inoue, Yoshikazu; Yasuda, Nobuyoshi; and Murata, Masayoshi, 4,493,834, Cl. 424-246.000.

Takaya, Takao; Takasugi, Hisashi; Tsuji, Kiyoshi; and Chiba, Toshiyuki, 4,496,562, Cl. 514-207.000.

Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, 4,499,088, Cl. 514-202.000.

Takaya, Takao; Masugi, Takashi; Ogino, Takashi; and Tsuji, Kiyoshi, 4,500,709, Cl. 544-58.100.

Takaya, Takao; Tsutsumi, Hideo; Yasuda, Nobuyuki; and Matsuda, Keiji, 4,504,472, Cl. 514-36.000.

Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tsuji, Kiyoshi, 4,507,293, Cl. 516-226.000.

Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, 4,515,788, Cl. 514-202.000.

Takaya, Takao; Takasugi, Hisashi; Murata, Masayoshi; and Yoshioka, Akiteru, 4,529,802, Cl. 548-194.000.

Takaya, Takao; Inoue, Yoshikazu; Murata, Masayoshi; and Takasugi, Hisashi, 4,533,738, Cl. 548-194.000.

Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,544,653, Cl. 514-202.000.

Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tozuka, Zenzaburo, 4,544,751, Cl. 548-127.000.

Takaya, Takao; Takasugi, Hisashi; Yamanaka, Hideaki; Miyai, Kenji; and Inoue, Yoshikazu, 4,546,101, Cl. 514-253.000.

Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,554,269, Cl. 514-35.000.

Takaya, Takao; and Tozuka, Zenzaburo, 4,558,047, Cl. 514-229.000.

Takaya, Takao; Takasugi, Hisashi; Masugi, Takashi; Yamanaka, Hideaki; and Kawabata, Kohji, 4,559,334, Cl. 514-202.000.

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,493,832, Cl. 424-199.000.

Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, 4,495,182, Cl. 514-226.000.

Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, 4,521,413, Cl. 514-203.000.

Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, 4,550,102, Cl. 514-206.000.

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,562,179, Cl. 514-77.000.

Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.

Ueda, Ikuo; Kato, Masayuki; and Kasai, Yoshiharu, 4,540,692, Cl. 514-225.000.

Ueda, Ikuo; Morino, Daizo; and Takimoto, Koichi, 4,540,701, Cl. 514-357.000.

Ueda, Ikuo; Kato, Masayuki; and Nagano, Masanobu, 4,543,356, Cl. 514-259.000.

Ueda, Ikuo; Taniguchi, Kiyoshi; and Katsura, Yousuke, 4,562,190, Cl. 514-254.000.

Fujisawa, Takao, to Nittan Company, Limited. Fire alarm system. 4,544,921, 10-1-85, Cl. 340-584.000.

Fujise, Masayuki: *See—*

Iwamoto, Yoshinao; Shirasaki, Yuichi; Fujise, Masayuki; and Asakawa, Kenichi, 4,544,233, Cl. 350-96.200.

Fujishima, Nobuichi; and Ichikawa, Kuniharu, to Matsushita Electric Works, Ltd. Hand-held hair dryer. 4,556,782, 12-3-85, Cl. 219-370.000.

Fujishima, Susumu: *See—*

Wada, Takeshi; Kita, Hisanao; Wada, Tatsuji; Fujishima, Susumu; and Kadowaki, Hironori, 4,543,711, Cl. 29-726.000.

Fujishita, Kazuo; Kaneko, Hideki; Ushirokajitani, Yoshiyuki; and Kanno, Tadao, to Matsushita Electric Industrial Co., Ltd. Water heater. 4,503,810, 3-12-85, Cl. 122-13.00R.

Fujishita, Kusuo; and Sakamoto, Hideshi, to Chisso Corporation. Polypropylene fibers having improved heat-shrinkability and tenacity. 4,560,734, 12-24-85, Cl. 526-142.000.

Fujiso, Tokuo: *See—*

Ohmori, Tadashi; Fujiso, Tokuo; Yasui, Eiji; Nomura, Soichi; and Aizawa, Yukio, 4,537,872, Cl. 502-230.000.

Fujita, Akio: *See—*

Dan, Takuya; and Fujita, Akio, 4,535,976, Cl. 267-8.00R.

Fujita, Daijiro; Motoo, Akihiko; and Maki, Yoshiki, to Japan Steel Works, Ltd., The. Pelletizing die for synthetic resin extruding machine. 4,516,925, 5-14-85, Cl. 425-463.000.

Fujita, Eiichi; Nagao, Yoshimitsu; Ikeda, Takao; and Inoue, Takehisa, to Yamasa Shoyu Kabushiki Kaisha. Optically-active diamide derivatives. 4,495,355, 1-22-85, Cl. 546-209.000.

Fujita, Eiichi: *See—*

King, Ming L.; Chiang, Chin-Chih; Ling, Han-Chin; Ochiai, Masahito; Fujita, Eiichi; and McPhail, Andrew T., 4,539,414, Cl. 549-458.000.

Fujita, Eiji: *See—*

Tomisawa, Yoshiaki; Kinoda, Seiji; Fujita, Eiji; Murata, Masanori; Takeuchi, Toshio; and Ogawa, Ken, 4,517,282, Cl. 430-399.000.

Fujita, Eishin: *See—*

Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, 4,547,372, Cl. 426-11.000.

Fujita, Fumio: *See—*

Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, 4,511,711, Cl. 528-489.000.

Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, 4,548,769, Cl. 264-22.000.

Fujita, Hiroshi: *See—*

Mori, Hirotaro; and Fujita, Hiroshi, 4,557,765, Cl. 148-4.000.

Fujita, Hirotsugu: *See—*

Suzuki, Shintaro; Fujita, Hirotsugu; Asami, Yoshiaki; and Homma, Fumiko, 4,548,880, Cl. 429-162.000.

Fujita, Hisanori: *See—*

Kajita, Masaki; Nakaya, Tomio; Hasegawa, Shinichi; and Fujita, Hisanori, 4,510,515, Cl. 357-17.000.

Fujita, Hisao; and Ishiyama, Shozo, to Konishiroku Photo Industry Co., Ltd. Zoom lens. 4,501,475, 2-26-85, Cl. 350-427.000.

Fujita, Hitoshi: *See—*

Yasuhara, Hiroshi; Fujita, Hitoshi; and Okazaki, Kiyoshi, 4,533,946, Cl. 358-111.000.

Fujita, Jiro; and Yamane, Iwao, to Mitsubishi Denki Kabushiki Kaisha. Automatic sewing machine and cloth retainer therefor. 4,497,266, 2-5-85, Cl. 112-121.110.

Fujita, Kagari: *See—*

Iwataki, Isao; Fujita, Kagari; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,515,729, Cl. 260-464.000.

Fujita, Katsuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor protective device. 4,543,593, 9-24-85, Cl. 357-48.000.

Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, to Hitachi, Ltd.; and Showa Denko Kabushiki Kaisha. Sheet-shaped polymer secondary battery of layer built type. 4,518,665, 5-21-85, Cl. 429-153.000.

Fujita, Kazunori: *See—*

Horiba, Tatsuo; Iwamoto, Kazuo; Kawana, Hidejiro; Fujita, Kazunori; and Tamura, Kohki, 4,493,878, Cl. 429-12.000.

Horiba, Tatsuo; Fujita, Kazunori; Matsuda, Shinpei; and Tamura, Kohki, 4,550,067, Cl. 429-213.000.

Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.

Okada, Makoto; and Fujita, Kazunori, 4,537,278, Cl. 181-227.000.

Fujita, Kazuo. Castor wheel carriage. 4,494,464, 1-22-85, Cl. 105-170.000.

Fujita, Kazuo. Rotating shaft of roller screw structure and its driven device. 4,541,297, 9-17-85, Cl. 74-424.600.

Fujita, Kazuyoshi: *See—*

Takayama, Yoshihisa; Gotoh, Kunihiko; Ito, Akihiko; Yamamura, Takeshi; and Fujita, Kazuyoshi, 4,536,949, Cl. 29-578.000.

Fujita, Kiyoshi; Toyohisa, Shirou; Katou, Osamu; and Ishimaru, Kenji, to Kabushiki Kaisha Kobe Seiko Sho. Scraping mechanism. 4,498,988, 2-12-85, Cl. 210-397.000.

Fujita, Kouichi; and Shirato, Moritoshi, to Fujitsu Limited. One-chip semiconductor device incorporating a power-supply-potential detecting circuit with reset function. 4,551,841, 11-5-85, Cl. 371-66.000.

Fujita, Kunihiro: *See—*

Tanaka, Hideaki; Fujita, Kunihiro; and Ushiroda, Mitsuhiro, 4,504,258, Cl. 474-263.000.

Fujita, Masahiro; and Uemura, Yukio, to Maeda Metal Industries Ltd.; and Nissan Motor Company, Limited. Power tightening device having detachable socket unit. 4,550,633, 11-5-85, Cl. 81-56.000.

Fujita, Masahito: *See—*

Morimoto, Toru; Ohsaki, Tsuyoshi; Ohkawa, Toshio; and Fujita, Masahito, 4,552,719, Cl. 419-2.000.

Fujita, Mituo, to Kabushiki Kaisha Shinsei Industries. Manually-operated labeler. 4,518,454, 5-21-85, Cl. 156-541.000.

Fujita, Munehisa: *See—*

Tanemura, Hatsumi; Ukai, Toshinao; Okazaki, Masaki; Deguchi, Naoyasu; Fujita, Munehisa; and Yamamuro, Kiyohiko, 4,556,633, Cl. 430-573.000.

Fujita, Nobuhiko: *See—*

Hitotsuyanagi, Hajime; Fujita, Nobuhiko; Itozaki, Hideo; and Kawai, Hiromu, 4,496,450, Cl. 204-192.00R.

Fujita, Senji: *See—*

Sugiura, Sabro; Fujita, Senji; Kanada, Kenji; Demukai, Noboru; and Okamoto, Tetuo, 4,531,971, Cl. 75-13.000.

Fujita, Shigeo: *See—*

Isono, Kiyoshi; Nakamura, Goto; and Fujita, Shigeo, 4,517,178, Cl. 424-122.000.

Fujita, Shigeyoshi; Kiuchi, Naoyuki; Sasaki, Tomoyuki; and Fukuhara, Kazuyoshi, to Daifuku Co., Ltd. Monorail conveyor system. 4,545,303, 10-8-85, Cl. 104-93.000.

Fujita, Shinsaku; Maekawa, Yukio; and Ono, Shigetoshi, to Fuji Photo Film Co., Ltd. Photographic material with metal complexed dyes. 4,493,885, 1-15-85, Cl. 430-223.000.

Fujita, Shinsaku: *See*—

Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku. 4,536,466, Cl. 430-203.000.

Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku. 4,536,467, Cl. 430-203.000.

Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku. 4,555,476, Cl. 430-351.000.

Sato, Kozo; Fujita, Shinsaku; Nakamura, Koichi; and Naito, Hideki. 4,556,632, Cl. 430-562.000.

Sawada, Satoru; Fujita, Shinsaku; and Koyama, Koichi. 4,559,290, Cl. 430-203.000.

Fujita, Shozo: *See*—

Futatsuishi, Shunichi; Fujita, Shozo; and Takushima, Takashi. 4,495,719, Cl. 40-590.000.

Fujita, Shuichi: *See*—

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; and Okujo, Takeshi. 4,491,477, Cl. 75-230.000.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi. 4,524,046, Cl. 419-8.000.

Fujita, Sumio, to Seiko Instruments & Electronics Ltd. Speech synthesizer. 4,520,502, 5-28-85, Cl. 381-51.000.

Fujita, Tadashi: *See*—

Takeuchi, Yukihisa; and Fujita, Tadashi. 4,533,584, Cl. 428-116.000.

Fujita, Takafumi: *See*—

Yoshizawa, Toshikazu; and Fujita, Takafumi. 4,527,365, Cl. 52-67.000.

Fujita, Takashi: *See*—

Suzuki, Takashi; Shinohara, Koichi; Odagiri, Masaru; Fujita, Takashi; and Kawase, Shigeki. 4,514,451, Cl. 428-141.000.

Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata. 4,515,628, Cl. 71-111.000.

Fujita, Takeshi.; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, to Dai-Ichi Kogyo Seiyaku Co., Ltd. Process for preparing high molecular weight compounds. 4,521,586, 6-4-85, Cl. 528-297.000.

Fujita, Takeshi; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, to Dai-Ichi Kogyo Seiyaku Co., Ltd. Water-soluble film or sheet. 4,528,360, 7-9-85, Cl. 528-297.000.

Fujita, Takeshi: *See*—

Watase, Tosio; Mori, Koichi; Sasaki, Kazuo; Onizuka, Katsumi; Yoshikawa, Yuzo; and Fujita, Takeshi. 4,502,323, Cl. 73-49.600.

Fujita, Teizo; and Kimura, Haruo, to Izumi Denki Corporation. Adapter for mounting switch onto panel. 4,499,352, 2-12-85, Cl. 200-296.000.

Fujita, Teizo; and Tsuji, Yoshitaka, to Idec Izumi Corporation. Wire terminal connector. 4,519,668, 5-28-85, Cl. 339-241.000.

Fujita, Toshihito: *See*—

Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito. 4,511,095, Cl. 242-18.00G.

Fujita, Toshio, to Nippon Electric Co., Ltd. Diode driver circuit having stored charge control means. 4,533,838, 8-6-85, Cl. 307-270.000.

Fujita, Toshio; and Watanabe, Kazuhiro, to Nippon Kouatsu Electric Co. Low-temperature sintered porcelain composition suitable for forming. 4,552,915, 11-12-85, Cl. 524-322.000.

Fujita, Tsutomu: *See*—

Ida, Jinsei; Fujita, Tsutomu; Matsuo, Kenzaburo; Higuchi, Fumio; and Tamura, Mitsuo. 4,503,596, Cl. 29-568.000.

Ida, Jinsei; Fujita, Tsutomu; Yamada, Ichiho; Higuchi, Fumio; and Matsuo, Kenzaburo. 4,510,669, Cl. 29-568.000.

Fujita, Yasuhiko; and Masuda, Eiji, to Tokyo Shibaura Denki Kabushiki Kaisha. Differential voltage amplifier. 4,539,551, 9-3-85, Cl. 340-347.0AD.

Fujita, Yasuhiko: *See*—

Masuda, Eiji; Matsuo, Kenji; and Fujita, Yasuhiko. 4,560,890, Cl. 307-355.000.

Fujita, Yasumasa: *See*—

Inagaki, Takashi; Fujita, Yasumasa; and Izawa, Shinichiro. 4,558,667, Cl. 123-90.440.

Fujita, Yoshiji: *See*—

Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo. 4,532,258, Cl. 514-471.000.

Shiono, Manzo; Fujita, Yoshiji; and Nishida, Takashi. 4,523,024, Cl. 549-407.000.

Fujita, Yoshitaka: *See*—

Miyaki, Yoshiyuki; Fujita, Yoshitaka; Se, Kazunori; and Fujimoto, Teruo. 4,514,304, Cl. 210-638.000.

Sainen, Tsutomu; Sakano, Toshiyuki; Fujita, Yoshitaka; and Imai, Toshiki. 4,513,790, Cl. 139-110.000.

Sainen, Tsutomu; Fujita, Yoshitaka; Sakano, Toshiyuki; and Nakagawa, Toshio. 4,529,012, Cl. 139-105.000.

Fujita, Yosuke; Tohda, Takao; Matsuoka, Tomizo; Abe, Atsushi; and Nitta, Tsuneharu, to Matsushita Electric Industrial Co., Ltd. Thin film electroluminescent element. 4,547,703, 10-15-85, Cl. 313-509.000.

Fujita, Yuji; Wakasugi, Keizo; and Kaneko, Ryoichi, to Kohjin Co., Ltd. Heat resistant ovenable paperboard. 4,543,280, 9-24-85, Cl. 428-35.000.

Fujita, Yuji: *See*—

Yuhara, Akitsuna; Hosaka, Norio; Fujita, Yuji; Kishimoto, Kiyoharu; and Yamada, Jun. 4,500,807, Cl. 310-313.00B.

Fujita, Yuko; Kudo, Hisashi; and Tanigawa, Ikuo, to Japan Storage Battery Company Limited. Galvanic cell type oxygen sensor. 4,495,051, 1-22-85, Cl. 204-408.000.

Fujita, Yuko; and Kudo, Hisashi, to Japan Storage Battery Company Limited. Oxygen concentration controlling method and system. 4,539,086, 9-3-85, Cl. 204-129.000.

Fujitaka, Nobuo; Fujisaki, Masaru; and Hagiwara, Yoshitoshi, to Honda Giken Kogyo Kabushiki Kaisha. Synthetic wheel formed from two halves. 4,527,839, 7-9-85, Cl. 301-63.0DD.

Fujitaka, Nobuo: *See*—

Noda, Azusa; Fujitaka, Nobuo; and Fujisaki, Masaru. 4,540,193, Cl. 280-284.000.

Fujitaki, Roy K.: *See*—

Gunzel, Rudolph M., Jr.; Wichman, William J.; and Fujitaki, Roy K.. 4,527,740, Cl. 239-318.000.

Fujitani, Kenji: *See*—

Maeda, Masahiko; Watanabe, Naotochi; and Fujitani, Kenji. 4,557,859, Cl. 252-511.000.

Fujitani, Takashi, to Kabushiki Kaisha Gakushu Kenkyusha. School utensil and toy robot. 4,561,164, 12-31-85, Cl. 33-27.020.

Fujitec Co., Ltd.: *See*—

Tsutsumi, Suteo; and Koh, Hiroshi. 4,554,459, Cl. 250-550.000.

Fujitsu Fanuc Limited: *See*—

Imazeki, Ryoji; and Kusumi, Katsuaki. 4,494,206, Cl. 364-474.000.

Imazeki, Ryoji; and Inoue, Michiya. 4,517,663, Cl. 365-222.000.

Inaba, Hajimu; and Torii, Nobutoshi. 4,492,301, Cl. 198-472.000.

Inaba, Hajimu; Sakakibara, Shinsuke; Inagaki, Shigemi; and Torii, Nobutoshi. 4,495,453, Cl. 318-568.000.

Inaba, Hajimu; Nakashima, Seiichiro; Inagaki, Shigemi; and Ito, Susumu. 4,502,830, Cl. 414-735.000.

Inaba, Hajimu; and Sakakibara, Shinsuke. 4,530,062, Cl. 364-513.000.

Inaba, Hajimu; Sakakibara, Shinsuke; and Nihei, Ryo. 4,530,636, Cl. 414-730.000.

Inaba, Hajimu; Inagaki, Shigemi; and Ito, Susumu. 4,538,639, Cl. 137-580.000.

Katsube, Hideo; Gamo, Gotaro; Kinoshita, Mitsuo; and Nomura, Yoshiyuki. 4,506,129, Cl. 219-69.00W.

Kawada, Shigeki; and Ishida, Hiroshi. 4,518,916, Cl. 324-173.000.

Kozai, Yoshinori; Amemiya, Yoichi; and Iwamatsu, Noboru. 4,495,464, Cl. 324-174.000.

Kurakake, Mitsuo. 4,511,982, Cl. 364-167.000.

Matsuura, Hitoshi; and Sakurai, Hiroshi. 4,495,561, Cl. 364-167.000.

Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto. 4,501,998, Cl. 318-568.000.

Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto. 4,502,108, Cl. 364-170.000.

Nozawa, Ryoichiro; and Kiya, Nobuyuki. 4,513,234, Cl. 318-594.000.

Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Fujibayashi, Kentaro. 4,516,211, Cl. 364-474.000.

Nozawa, Ryoichiro; and Kiya, Nobuyuki. 4,519,026, Cl. 364-167.000.

Fujitsu Limited: *See*—

Abe, Fumitaka; Kimura, Masatoshi; Watanabe, Toshihiko; and Yamada, Hiroshi. 4,540,272, Cl. 355-4.000.

Abe, Susumu; Munakata, Akio; and Kitahara, Takeshi. 4,516,173, Cl. 358-261.000.

Adachi, Tomomichi. 4,493,084, Cl. 371-67.000.

Akasaki, Hidehiko. 4,539,622, Cl. 361-401.000.

Amemiya, Shin-ichi. 4,541,437, Cl. 128-663.000.

Ando, Moritoshi; Mita, Kikuo; and Kakinoki, Yoshikazu. 4,560,273, Cl. 356-237.000.

Aoyama, Keizo; and Yamauchi, Takahiko. 4,504,743, Cl. 307-310.000.

Aoyama, Keizo. 4,516,224, Cl. 365-203.000.

Arakawa, Hideki. 4,503,519, Cl. 365-104.000.

Baba, Fumio. 4,542,307, Cl. 307-482.000.

Baba, Fumio; Mochizuki, Hirohiko; and Miyahara, Hatsuo. 4,558,434, Cl. 365-189.000.

Ban, Yasutaka; and Osada, Toshihiko. 4,500,789, Cl. 250-492.200.

Fujimura, Shuzo; and Yano, Hiroshi. 4,512,868, Cl. 204-298.000.

Fujita, Kouichi; and Shirato, Moritoshi. 4,551,841, Cl. 371-66.000.

Fukuda, Takeshi. 4,497,665, Cl. 148-1.500.

Furumura, Yuji. 4,509,070, Cl. 357-41.000.

Furumura, Yuji; and Nishizawa, Takeshi. 4,510,177, Cl. 427-85.000.

Goto, Hiroshi; and Tabata, Akira. 4,509,249, Cl. 29-576.00W.

Gounji, Takashi; Kawatsu, Teruo; Kasai, Yoshihiko; and Takeuchi, Chikao. 4,555,682, Cl. 333-189.000.

Hasuo, Shinya. 4,506,172, Cl. 307-462.000.

Hatano, Yoshinori; Wada, Kiyoshi; and Midorikawa, Ichiro. 4,553,090, Cl. 324-73.0AT.

Hattori, Akira; Hayashi, Hiromu; Shinagawa, Akio; and Shinoge, Tsuyoshi. 4,517,640, Cl. 364-200.000.

Hattori, Akira; and Tsuchimoto, Takamitsu. 4,550,367, Cl. 364-200.000.

Hayashi, Katsumi. 4,555,771, Cl. 364-900.000.

Hibi, Yasumori; and Matsuura, Hideo. 4,527,273, Cl. 371-38.000.

Higuchi, Mitsuo. 4,506,164, Cl. 307-264.000.

Higuchi, Mitsuo; and Yoshida, Masanobu. 4,527,077, Cl. 307-443.000.

Hijiya, Shinpei; and Ito, Takashi. 4,491,859, Cl. 357-41.000.

Honda, Norio. 4,493,145, Cl. 29-840.000.

Igaki, Seigo; Nakakuki, Tadao; Inagaki, Takefumi; Oikawa, Shuetsu; and Fujimura, Takashi. 4,559,452, Cl. 250-560.000.

Igarashi, Hiroshi. 4,550,290, Cl. 330-149.000.

Ikegami, Kasumi; and Okuyama, Hirofumi. 4,517,266, Cl. 430-2.000.

Inoue, Minoru. 4,517,026, Cl. 148-1.500.

Ishikawa, Hiroshi; and Yano, Mitsuhiro, 4,546,479, Cl. 372-45.000.
Isogai, Hideaki, 4,493,059, Cl. 365-190.000.
Isozumi, Shoji; and Kusunoki, Toshihiro, 4,498,937, Cl. 148-171.000.
Ito, Takashi; Sugii, Toshihiro; Fukano, Tetsu; and Horie, Hiroshi, 4,545,114, Cl. 29-579.000.
Iwamoto, Hiromu; and Tamada, Haruo, 4,544,912, Cl. 340-347.0AD.
Iwasaki, Tomonobu, 4,518,865, Cl. 307-200.00A.
Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu, 4,524,333, Cl. 331-17.000.
Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.
Kamehara, Nobuo; Kurihara, Kazuaki; and Niwa, Koichi, 4,504,339, Cl. 156-89.000.
Kamei, Seisuke; Tanaka, Toshiaki; Hayashi, Kazutoshi; Tanaka, Akira; and Kinoshita, Ryohei, 4,529,849, Cl. 200-5.00A.
Kamioka, Hajime; Takagi, Mikio; Sato, Noriaki; Nakano, Motoo; and Iwai, Takashi, 4,503,315, Cl. 219-121.0LE.
Kanai, Yasunori, 4,530,002, Cl. 357-68.000.
Kanno, Takashi; Oka, Akira; Okamoto, Ituo; Mizushima, Kouji; and Oguro, Shinji, 4,510,552, Cl. 361-413.000.
Kano, Yoshiharu; Fujisawa, Makoto; Nojiri, Shoji; and Tanaka, Yoshikazu, 4,512,015, Cl. 370-110.100.
Kasai, Yoshihiko, 4,511,202, Cl. 333-189.000.
Kato, Takashi; and Toyokura, Nobuo, 4,495,219, Cl. 427-82.000.
Kawabe, Yunosuke; and Momma, Yoshinobu, 4,546,537, Cl. 29-576.00W.
Kida, Susumu; Usami, Hayato; and Aoki, Hideji, 4,558,346, Cl. 357-74.000.
Kiriseko, Tadashi, 4,525,922, Cl. 29-577.00C.
Kitakami, Hazime; Ishikawa, Hiroshi; Tezuka, Masayoshi; Adachi, Susumu; and Makinouchi, Akifumi, 4,497,039, Cl. 364-900.000.
Kobayashi, Koichi; Kawashima, Kenichi; and Oshio, Shuzo, 4,508,968, Cl. 250-441.100.
Koike, Takashi; and Sugiura, Hajime, 4,494,215, Cl. 364-900.000.
Koyama, Kazumi; Fukushima, Toshitaka; and Kawabata, Yuichi, 4,498,022, Cl. 307-473.000.
Kurafuji, Setsuo, 4,499,559, Cl. 365-190.000.
Kurafuji, Setsuo, 4,539,494, Cl. 307-530.000.
Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.
Masaki, Satoru, 4,513,400, Cl. 365-230.000.
Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, 4,528,575, Cl. 346-140.00R.
Matsui, Shougo; Mashima, Yoshimitu; and Kobayashi, Kenichi, 4,527,070, Cl. 250-560.000.
Matsunaga, Shigeo; Iizuka, Yoshio; and Suzuki, Tadaaki, 4,543,612, Cl. 358-261.000.
Minami, Takatoshi; and Nishimoto, Hiroshi, 4,495,410, Cl. 250-214.0AG.
Mita, Kikuo; Oyama, Masayuki; Yoshida, Takashi; Nakashima, Masato; Fujihara, Katsumi; and Nakakuki, Tadao, 4,547,895, Cl. 382-8.000.
Miwa, Hirohide, 4,509,524, Cl. 128-660.000.
Miwa, Hirohide; and Ueda, Mitsuhiro, 4,512,195, Cl. 73-602.000.
Miwa, Hirohide, 4,545,250, Cl. 73-602.000.
Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.
Miyamoto, Hidekazu; Shioya, Yoshimi; Maeda, Mamoru; and Takagi, Mikio, 4,513,026, Cl. 427-85.000.
Miyasaka, Kiyoshi, 4,503,448, Cl. 357-23.130.
Mizoshita, Yoshifumi, 4,562,499, Cl. 360-98.000.
Mizuno, Tsuneo; Yoshikawa, Shigeru; and Matsuda, Tadashi, 4,491,851, Cl. 346-1.100.
Mochizuki, Akihiro; Ikegami, Kasumi; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,547,309, Cl. 252-299.630.
Momma, Yoshinobu; Funatsu, Tsuneo; and Sasaki, Atusi, 4,497,106, Cl. 29-571.000.
Mori, Haruhisa, 4,500,365, Cl. 148-1.500.
Morikawa, Masaki; Yoshida, Hideaki; and Kishida, Kunio, 4,525,434, Cl. 428-674.000.
Mukai, Ryoichi, 4,543,133, Cl. 148-1.500.
Mukai, Ryoichi, 4,551,907, Cl. 29-571.000.
Murano, Kazuo; Soejima, Tetsuo; and Amemiya, Shigeo, 4,562,573, Cl. 370-85.000.
Nakagawa, Takayuki, 4,508,813, Cl. 430-296.000.
Nakamori, Tutomu, 4,558,233, Cl. 307-362.000.
Nakano, Motoo, 4,538,166, Cl. 357-23.600.
Nakano, Motoo, 4,541,074, Cl. 365-178.000.
Nakano, Tomio; Nakano, Masao; and Ogawa, Junji, 4,545,037, Cl. 365-205.000.
Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,513,075, Cl. 430-108.000.
Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,522,909, Cl. 430-137.000.
Nishida, Haruki; and Yano, Yasuhiro, 4,532,468, Cl. 323-367.000.
Nishida, Hidehiko; Koshino, Minoru; Tateishi, Terutaka; and Hattori, Akira, 4,547,848, Cl. 364-200.000.
Nishimori, Eiji; Tsuchiya, Chikara; and Sano, Yoshiaki, 4,551,644, Cl. 307-573.000.
Nishizawa, Hiroshi; Ando, Saburo; and Ito, Syuji, 4,562,532, Cl. 364-200.000.
Nogami, Masaharu, 4,507,169, Cl. 156-606.000.
Nozaki, Shigeki; Takemae, Yoshihiro; and Nakano, Tomio, 4,511,997, Cl. 365-189.000.
Nozaki, Shigeki; and Miyahara, Hatsuo, 4,535,423, Cl. 365-51.000.
Nozaki, Shigeki; and Takemae, Yoshihiro, 4,546,457, Cl. 365-230.000.
Ogawa, Tetsuya; and Toyokura, Nobuo, 4,506,434, Cl. 29-571.000.
Ohe, Yoshikazu, 4,553,225, Cl. 365-201.000.
Ohkuma, Yuji, 4,557,785, Cl. 156-345.000.
Ohnishi, Katsumi, 4,559,596, Cl. 364-200.000.
Ohno, Kenichi; Hosomizu, Tohru; and Ogawa, Rokutaro, 4,500,906, Cl. 357-71.000.
Ohtsuki, Osamu, 4,531,225, Cl. 377-58.000.
Ohya, Nobumasa; Imai, Ryusaku; and Sato, Hitoshi, 4,501,931, Cl. 178-18.000.
Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,555,466, Cl. 430-106.600.
Okada, Toshiro, 4,542,351, Cl. 331-11.000.
Okada, Toshiro, 4,546,330, Cl. 331-17.000.
Oritani, Atsushi, 4,504,748, Cl. 307-530.000.
Oritani, Atsushi, 4,514,831, Cl. 365-203.000.
Oritani, Atushi, 4,539,661, Cl. 365-230.000.
Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, 4,492,991, Cl. 360-70.000.
Oshikawa, Yoshihiro, 4,517,732, Cl. 29-571.000.
Ozawa, Hidekiyo; Itoh, Mikio; and Yoshida, Akira, 4,491,935, Cl. 364-900.000.
Saito, Toshiyuki; Okubo, Naofumi; and Kaneko, Yoshiaki, 4,562,409, Cl. 330-286.000.
Sakamoto, Kazushi; Okamoto, Tetsuro; and Okutani, Shigeaki, 4,507,728, Cl. 364-200.000.
Sampei, Takeshi; Miyahara, Norio; Nikaido, Tadanobu; Sato, Hiroaki; and Aoyama, Keizo, 4,512,012, Cl. 370-66.000.
Sano, Yoshiaki, 4,513,252, Cl. 330-257.000.
Sano, Yoshiaki; Tsuchiya, Chikara; and Maida, Osamu, 4,525,637, Cl. 307-350.000.
Sasaki, Nobuo, 4,527,181, Cl. 357-23.700.
Sasaki, Shunroku; Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, 4,562,437, Cl. 343-394.000.
Sasaki, Susumu, 4,507,617, Cl. 329-50.000.
Sasaki, Susumu, 4,553,105, Cl. 330-145.000.
Satoh, Yoshio; Yanase, Takeyasu; and Komenou, Kazunari, 4,561,069, Cl. 365-36.000.
Seki, Teruo; Yamauchi, Takahiko; and Aoyama, Keizo, 4,507,574, Cl. 307-448.000.
Shima, Katsuhito; and Hanamitsu, Kiyoshi, 4,532,631, Cl. 372-48.000.
Shimada, Hiroshi, 4,538,076, Cl. 307-475.000.
Shimada, Hiroshi, 4,541,002, Cl. 357-51.000.
Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, 4,542,406, Cl. 358-141.000.
Shirai, Kazunari; and Tanaka, Izumi, 4,500,899, Cl. 357-23.000.
Shirasaki, Masataka, 4,548,478, Cl. 350-377.000.
Shirato, Takehide, 4,500,975, Cl. 365-104.000.
Shirato, Takehide, 4,530,150, Cl. 29-576.00B.
Shirato, Takehide, 4,542,482, Cl. 365-182.000.
Sogo, Hiroyuki; Ohsawa, Zenichi; Umino, Isamu; and Nishida, Haruki, 4,509,208, Cl. 455-317.000.
Sugo, Yasuhisa; and Takeshima, Tohru, 4,538,244, Cl. 365-155.000.
Suzuki, Hirokazu; and Kokado, Masayuki, 4,546,272, Cl. 307-455.000.
Suzuki, Yasuo; Hirao, Hiroshi; and Nagasawa, Masanori, 4,518,873, Cl. 307-451.000.
Suzuki, Yasuo; Hirao, Hiroshi; and Suzuki, Yasuaki, 4,558,241, Cl. 307-530.000.
Takada, Tadakazu, 4,545,851, Cl. 156-643.000.
Takada, Tadakazu; and Shimizu, Katsunori, 4,547,260, Cl. 156-643.000.
Takagi, Masayuki; Mugiya, Hiroshi; and Komaju, Shigeru, 4,538,102, Cl. 323-349.000.
Takagi, Mikio; Takasaki, Kanetake; and Koyama, Kenji, 4,539,068, Cl. 156-614.000.
Takahara, Kazuhiro; Kurahashi, Keizo; Gondo, Hiroyuki; Oki, Kenichi; and Miura, Shoshin, 4,523,189, Cl. 340-781.000.
Takahashi, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, 4,551,634, Cl. 307-243.000.
Takahashi, Masanori; and Tateishi, Terutaka, 4,507,729, Cl. 364-200.000.
Takahaski, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, 4,550,264, Cl. 307-264.000.
Takai, Sakan; Iida, Takenori; and Kaneko, Keiichi, 4,549,282, Cl. 365-1.000.
Takasaki, Kanetake; Takagi, Mikio; and Koyama, Kenji, 4,532,022, Cl. 204-192.00D.
Takayama, Yoshihisa; Gotoh, Kunihiko; Ito, Akihiko; Yamamura, Takeshi; and Fujita, Kazuyoshi, 4,536,949, Cl. 29-578.000.
Takeda, Hirofumi; and Suzuki, Hirokazu, 4,551,639, Cl. 307-455.000.
Takeda, Koichiro, 4,547,736, Cl. 329-50.000.
Takeda, Shiro; and Nakajima, Minoru, 4,510,283, Cl. 524-356.000.
Takemae, Yoshihiro; Nozaki, Shigeki; Kabashima, Katsuhiko; and Enomoto, Seiji, 4,496,850, Cl. 307-269.000.

- Takemae, Yoshihiro; Ohira, Tsuyoshi; and Enomoto, Seiji, 4,504,929, Cl. 365-210.000.
- Takemae, Yoshihiro, 4,513,304, Cl. 357-23.600.
- Takemae, Yoshihiro; Nakano, Tomio; and Ohira, Tsuyoshi, 4,532,613, Cl. 365-230.000.
- Takemae, Yoshihiro; and Kabashima, Katsuhiko, 4,551,822, Cl. 365-222.000.
- Takeyama, Akira; Tazaki, Kenshi; Nojima, Satoshi; Aritaka, Norihiro; and Mita, Teruyoshi, 4,542,496, Cl. 370-16.000.
- Tanaka, Toshiaki; Fukai, Masao; Onuma, Tatsuro; and Kinoshita, Ryohei, 4,498,256, Cl. 40-475.000.
- Tanikawa, Kunihiro; and Ohtsuki, Osamu, 4,562,452, Cl. 357-24.000.
- Tanizawa, Tetsu; Omichi, Hitoshi; and Mitono, Yoshiharu, 4,499,484, Cl. 357-68.000.
- Tanizawa, Tetsu; Omichi, Hitoshi; and Mitono, Yoshiharu, 4,523,106, Cl. 307-303.000.
- Tanizawa, Tetsu, 4,535,258, Cl. 307-454.000.
- Tanizawa, Tetsu, 4,562,364, Cl. 307-454.000.
- Tanji, Shigeo; and Wakatsuki, Noboru, 4,551,695, Cl. 333-195.000.
- Tateishi, Terutaka; and Shimizu, Kazuyuki, 4,514,847, Cl. 371-51.000.
- Toda, Junzo; and Hiyane, Masao, 4,546,398, Cl. 360-126.000.
- Tomita, Masayoshi, 4,516,312, Cl. 29-571.000.
- Toyoda, Kazuhiro; and Ono, Chikai, 4,525,812, Cl. 365-155.000.
- Toyoda, Kazuhiro; and Shimada, Haruo, 4,536,860, Cl. 365-190.000.
- Toyonaga, Noriyasu, 4,521,878, Cl. 370-19.000.
- Tsuchikawa, Haruo; and Kai, Junichi, 4,516,030, Cl. 250-492.200.
- Tsuge, Norihisa; Nakano, Tomio; and Nakano, Masao, 4,503,339, Cl. 307-296.00R.
- Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, 4,496,951, Cl. 343-394.000.
- Ueno, Kouji, 4,536,858, Cl. 365-104.000.
- Wakabayashi, Tetsushi; Honda, Norio; and Sakuma, Osamu, 4,535,384, Cl. 361-386.000.
- Wakimoto, Yasuhiro, 4,543,494, Cl. 307-200.00B.
- Watanabe, Hisashi, 4,551,745, Cl. 357-72.000.
- Yahano, Toshi, 4,502,205, Cl. 29-576.00B.
- Yamada, Katuyuki; and Toyoda, Kazuhiro, 4,520,462, Cl. 365-189.000.
- Yamaguchi, Hisashi; Asano, Toru; Takahara, Kazuhiro; Kurahashi, Keizo; and Andoh, Shizuo, 4,550,310, Cl. 340-365.00C.
- Yamauchi, Takahiko; Seki, Teruo; and Aoyama, Keizo, 4,549,199, Cl. 357-68.000.
- Yano, Yasuhiro; Umino, Isamu; Ohsawa, Zenichi; and Ozaki, Takayuki, 4,538,121, Cl. 331-25.000.
- Yoshida, Masanobu, 4,543,647, Cl. 365-201.000.
- Yoshida, Masumi; and Masui, Takeshi, 4,561,106, Cl. 382-49.000.
- Yoshida, Shigeru; Koseki, Minoru; and Horie, Masakatsu, 4,492,983, Cl. 358-260.000.
- Yoshikawa, Kazuo; Yamaguchi, Hisashi; and Asano, Toru, 4,556,871, Cl. 340-365.00C.
- Zenitani, Hideki; Oka, Akira; Okamoto, Itsuo; Hayashi, Hisao; and Taniguchi, Masajiro, 4,496,057, Cl. 211-26.000.

Fujitsu Ten Limited: *See—*
- Ito, Tatsuo, 4,491,975, Cl. 455-166.000.
- Ito, Tatsuo, 4,539,712, Cl. 455-184.000.
- Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, 4,506,266, Cl. 343-715.000.
- Shiozaki, Syuji, 4,554,599, Cl. 360-69.000.
- Takayama, Kazuo, 4,535,301, Cl. 330-279.000.
- Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,516,652, Cl. 180-177.000.
- Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,864, Cl. 180-177.000.
- Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,865, Cl. 180-177.000.
- Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,537,272, Cl. 180-176.000.
- Yokoyama, Tatsuo, 4,513,245, Cl. 324-119.000.

Fujitus, Satoru: *See—*
- Miyazaki, Haruhiko; Shiomi, Yasushi; Fujitus, Satoru; Masunaga, Katsuro; and Yanagisawa, Hiroshi, 4,507,494, Cl. 560-193.000.

Fujiu, Takamitsu: *See—*
- Ogino, Makoto; Futami, Toshihiko; Kariya, Michio; Ichimura, Takeo; and Fujiu, Takamitsu, 4,497,629, Cl. 433-201.000.

Fujiwara, Akinori: *See—*
- Kawaguchi, Teruhiko; Nishimura, Yuji; and Fujiwara, Akinori, 4,538,774, Cl. 242-107.000.
- Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, 4,546,934, Cl. 242-107.000.

Fujiwara, Akira: *See—*
- Harada, Haruo; Fujiwara, Akira; Hatanaka, Yoshio; and Iimura, Hironori, 4,540,590, Cl. 426-324.000.

Fujiwara, Atsushi, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus. 4,549,619, 10-29-85, Cl. 177-25.000.

Fujiwara, Chikara: *See—*
- Kiyoto, Shinichiro; and Fujiwara, Chikara, 4,534,196, Cl. 72-61.000.

Fujiwara, Haruyoshi, to Mitsubishi Jukogyo Kabushiki Kaisha. Headbox in a paper-making machine having a flow rectifier. 4,504,360, 3-12-85, Cl. 162-343.000.

Fujiwara, Hideo: *See—*
- Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.
- Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.

Fujiwara, Hidetoshi, to Toyoda Koki Kabushiki Kaisha. Power steering system with engine idling-up mechanism. 4,545,449, 10-8-85, Cl. 180-69.300.

Fujiwara, Hidetoshi; and Sato, Akihiko, to Toyoda Koki Kabushiki Kaisha. Flow volume control device for power steering system. 4,549,566, 10-29-85, Cl. 137-117.000.

Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, to Maruzen Oil Co., Ltd. Process for the production of para-vinyl phenol by dehydrogenation of para-ethyl phenol. 4,503,271, 3-5-85, Cl. 568-799.000.

Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, to Maruzen Oil Co., Ltd. Process for the production of p-vinyl phenol polymer. 4,517,349, 5-14-85, Cl. 526-313.000.

Fujiwara, Hitoshi: *See—*
- Ikeda, Yoshito; Fujiwara, Hitoshi; Gomi, Yoshifumi; Matsuzawa, Masanao; and Hirashima, Yasuhito, 4,553,865, Cl. 400-124.000.

Fujiwara, Itsuo: *See—*
- Kitaguchi, Hiroshi; Itoh, Isamu; Fujiwara, Itsuo; Nozawa, Yasushi; and Kokubo, Tadayoshi, 4,546,075, Cl. 430-617.000.

Fujiwara, Junji: *See—*
- Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; Izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.

Fujiwara, Kaisaku; Yokooji, Shigenori; and Morishita, Yasuji, to Hitachi, Ltd. Electronic parts-mounting device with easy assembly and maintenance. 4,502,047, 2-26-85, Cl. 340-693.000.

Fujiwara, Katsuhiro; and Osako, Kazuyoshi, to Hitachi, Ltd. Sequence control apparatus. 4,502,112, 2-26-85, Cl. 364-200.000.

Fujiwara, Katsuyoshi, to Sharp Kabushiki Kaisha. Copy paper supply timing control in a copying machine. 4,547,062, 10-15-85, Cl. 355-14.00R.

Fujiwara, Katsuyoshi: *See—*
- Iwamoto, Ken-ichi; Kawano, Tadaaki; Uchiyama, Hiroaki; Fukunaga, Takahiro; Fujiwara, Katsuyoshi; and Yamada, Yoshikado, 4,552,453, Cl. 355-57.000.
- Saitoh, Kiyonobu; and Fujiwara, Katsuyoshi, 4,530,494, Cl. 271-9.000.

Fujiwara, Kazuhiko: *See—*
- Ichikawa, Yasunori; Yamaguchi, Shigeru; Kojima, Akira; and Fujiwara, Kazuhiko, 4,539,139, Cl. 252-314.000.

Fujiwara, Kazuyuki: *See—*
- Onitsuka, Masaaki; and Fujiwara, Kazuyuki, 4,560,186, Cl. 280-752.000.

Fujiwara, Kenichi; Sugi, Hikaru; and Hasada, Eiichi, to Nippondenso Co., Ltd. Refrigerator for vehicle. 4,545,213, 10-8-85, Cl. 6 R-158.000.

Fujiwara, Kenji: *See—*
- Watanabe, Akira; Takeuchi, Yoshimitsu; Shinoda, Noboru; Isono, Tetsusaburo; and Fujiwara, Kenji, 4,540,674, Cl. 501-97.000.

Fujiwara, Koichi; Sakai, Tomohiko; Yamada, Yoneo; and Higashine, Kazutaka, to Nippon Steel Corporation. Process for producing a grain-oriented electromagnetic steel sheet or strip having a low watt loss and a grain-oriented electromagnetic steel strip having uniform magnetic properties. 4,493,739, 1-15-85, Cl. 148-111.000.

Fujiwara, Koji: *See—*
- Misawa, Yoshihiko; Seno, Makito; and Fujiwara, Koji, 4,524,860, Cl. 198-740.000.
- Takano, Osamu; and Fujiwara, Koji, 4,519,323, Cl. 110-281.000.

Fujiwara, Kousyun, to Toyota Jidosha Kabushiki Kaisha. Adhering gun for fasteners. 4,508,254, 4-2-85, Cl. 227-116.000.

Fujiwara, Kunio; Katoo, Hisashi; Satoo, Fumihide; and Taki, Hirokazu, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for running moving object. 4,554,498, 11-19-85, Cl. 318-640.000.

Fujiwara, Kunio: *See—*
- Katoo, Hisashi; Fujiwara, Kunio; and Kawashima, Yoshikazu, 4,556,940, Cl. 364-424.000.

Fujiwara, Masakatu; Miyamoto, Takeshi; Kuzuhara, Hiroshi; and Morimoto, Toshiya, to Sanyo Electric Co., Ltd. Food processor. 4,541,573, 9-17-85, Cl. 241-36.000.

Fujiwara, Masami; Fukuda, Hidenori; and Tanaka, Minako, to Lion Corporation. Nonionic surfactant type vesicle dispersion. 4,536,324, 8-20-85, Cl. 252-311.000.

Fujiwara, Masatoshi: *See—*
- Shiga, Tatsuhide; Tanaka, Mikio; Doki, Yoshikuni; Tsuruoka, Yoshihiro; and Fujiwara, Masatoshi, 4,502,333, Cl. 73-701.000.

Fujiwara, Masayuki: *See—*
- Toyama, Tatsuro; and Fujiwara, Masayuki, 4,558,399, Cl. 361-433.000.

Fujiwara, Michiaki; and Ikeda, Toshiharu, to Murata Kikai Kabushiki Kaisha. Yarn end sucking and holding device in winder. 4,550,886, 11-5-85, Cl. 242-35.60E.

Fujiwara, Michiaki: *See—*
- Nakahara, Teiji; Sakai, Shoji; Noda, Koshi; Fujiwara, Michiaki; and Kubota, Nobunori, 4,535,944, Cl. 242-35.50A.
- Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,517,794, Cl. 57-304.000.
- Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,538,329, Cl. 19-244.000.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, to Alps Electric Co., Ltd. Sheet guide mechanism in a recording device. 4,514,740, 4-30-85, Cl. 346-139.00R.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, to Alps Electric Co., Ltd. Sheet pressing mechanism in a pen type recording device. 4,527,174, 7-2-85, Cl. 346-136.000.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, to Alps Electric Co., Ltd. Multi-color pen recorder. 4,527,176, 7-2-85, Cl. 346-141.000.

Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, to Alps Electric Co., Ltd. Sheet presser mechanism for recorders with pivotable cover plate. 4,560,295, 12-24-85, Cl. 400-637.100.

Fujiwara, Mitsuru; and Torigoe, Taisuke, to Hitachi, Ltd. Screw compressor. 4,560,333, 12-24-85, Cl. 418-180.000.

Fujiwara, Mitsuru: *See—*

Kasuya, Katsuhiko; Mori, Hidetomo; Fujiwara, Mitsuru; and Matsunaga, Tetsuzo, 4,492,546, Cl. 418-201.000.

Fujiwara, Ryuhei, to Nippon Electric Co., Ltd. System for adjusting a time axis by using a control and an adjustment time slot in a satellite station of a TDMA network. 4,513,416, 4-23-85, Cl. 370-100.000.

Fujiwara, Shigekazu: *See—*

Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Mori, Yoshio, 4,527,189, Cl. 358-29.000.

Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Sukegawa, Tsuneo, 4,554,587, Cl. 358-228.000.

Fujiwara, Shinji: *See—*

Miyata, Yutaka; Chikamura, Takao; and Fujiwara, Shinji, 4,514,765, Cl. 358-213.000.

Fujiwara, Shuetsu: *See—*

Andoh, Naoki; and Fujiwara, Shuetsu, 4,521,622, Cl. 564-406.000.

Fujiwara, Takahisa; Narihisa, Masaaki; and Tamai, Katsuyuki, to Shinko Electric Co., Ltd.; and Isuzu Motors Ltd. Electromagnetic device. 4,498,066, 2-5-85, Cl. 335-281.000.

Fujiwara, Takashi; and Ishitobi, Tamio, to Asahi Kasei Kogyo Kabushiki Kaisha. Poly(P-phenyleneterephthalamide) fibers. 4,560,743, 12-24-85, Cl. 528-348.000.

Fujiwara, Takashi: *See—*

Imaizumi, Mamoru; and Fujiwara, Takashi, 4,538,933, Cl. 400-582.000.

Imaizumi, Mamoru; Fujiwara, Takashi; and Kobayashi, Masanari, 4,541,747, Cl. 400-144.200.

Kasatani, Hideo; and Fujiwara, Takashi, 4,529,565, Cl. 264-176.00R.

Fujiwara, Takayoshi: *See—*

Sakano, Hajime; Ito, Akitoshi; Yano, Motoichi; Honda, Yasuhiro; and Fujiwara, Takayoshi, 4,554,316, Cl. 525-71.000.

Fujiwara, Takeki: *See—*

Kawaguchi, Seiji; Fujiwara, Takeki; Kodama, Shigeo; Ito, Haruo; and Yamamoto, Kyuemon, 4,540,065, Cl. 182-63.000.

Fujiwara, Tatsuro; Watanabe, Hideyuki; Hirano, Takao; and Sakakibara, Hideo, to Toyo Jozo Kabushiki Kaisha. 23-demycinosyldesmycosin derivatives. 4,515,941, 5-7-85, Cl. 536-7.100.

Fujiwara, Tetsuo: *See—*

Yamamoto, Masao; and Fujiwara, Tetsuo, 4,551,975, Cl. 60-528.000.

Fujiwara, Toshitaka: *See—*

Tokitsu, Naoki; Fujiwara, Toshitaka; Kato, Toranosuke; and Uno, Toshihiko, 4,500,868, Cl. 340-52.00F.

Fujiwara, Yoshio: *See—*

Kobayashi, Naotake; Abe, Tetsuya; and Fujiwara, Yoshio, 4,522,881, Cl. 428-336.000.

Fujiwara, Yoshiyuki: *See—*

Hayashi, Yuzo; Yamanashi, Fumiaki; and Fujiwara, Yoshiyuki, 4,543,201, Cl. 252-299.100.

Fujiwara, Yuji: *See—*

Muramatsu, Shigeru; Fujiwara, Yuji; Hayashida, Hazime; and Yamamoto, Jun, 4,513,652, Cl. 84-20.000.

Fujiwara, Yukio; Sonoyama, Seiji; and Imataki, Mitsumasa, to Mitsubishi Denki Kabushiki Kaisha. Lighting arrester with leakage current detection. 4,507,701, 3-26-85, Cl. 361-127.000.

Fujiya, Sigeru; Tsubaki, Tohru; Amano, Naoki; Yaginuma, Kyuzi; Kayaba, Hitoshi; Aiko, Yoriyuki; and Takahashi, Takeshi, to Hitachi, Ltd. Gas insulated switchgear equipment. 4,503,481, 3-5-85, Cl. 361-341.000.

Fujiya, Toshimichi. Ventilator for coldroom with pressure responsive valves. 4,499,917, 2-19-85, Cl. 137-341.000.

Fujiya, Toshimichi. Panel fastener. 4,507,010, 3-26-85, Cl. 403-322.000.

Fujiya, Toshimichi. Door opening-closing apparatus for large-sized refrigerator or the like. 4,519,641, 5-28-85, Cl. 292-127.000.

Fujiya, Toshimichi. Unlatching device for latch of refrigeration chamber or the like. 4,530,532, 7-23-85, Cl. 292-341.150.

Fujiyama, Kunio; Okamoto, Kei; and Yoshikawa, Noriyuki, to Takara Company, New York, Inc. Headrest for medical treatment chair. 4,515,406, 5-7-85, Cl. 297-409.000.

Fujiyama, Masaaki, to Fuji Photo Film Co., Ltd. Leader or trailer tape. 4,532,172, 7-30-85, Cl. 428-212.000.

Fujiyama, Masaaki; Asai, Takamitsu; and Miura, Toshihiko, to Fuji Photo Film Co., Ltd. Magnetic recording material using plate-shaped ferromagnetic particles. 4,552,808, 11-12-85, Cl. 428-328.000.

Fujiyama, Masaaki: *See—*

Miyoshi, Takahito; Okutu, Toshimitu; and Fujiyama, Masaaki, 4,504,542, Cl. 428-336.000.

Miyoshi, Takahito; Fujiyama, Masaaki; and Okutu, Toshimitu, 4,528,240, Cl. 428-323.000.

Ryoke, Katsumi; Iida, Shinobu; Fujiyama, Masaaki; and Tadokoro, Eiichi, 4,552,799, Cl. 428-194.000.

Yamada, Yasuyuki; Miyoshi, Takahito; Okutsu, Toshimitsu; and Fujiyama, Masaaki, 4,552,807, Cl. 428-323.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.

Yamaguchi, Nobutaka; Iida, Shinobu; Okutu, Toshimitu; Miyoshi, Takahito; Tadokoro, Eiichi; and Fujiyama, Masaaki, 4,544,601, Cl. 428-330.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Ryoke, Katsumi; and Tadokoro, Eiichi, 4,546,038, Cl. 428-323.000.

Fujiyama, Norimasa: *See—*

Kizawa, Hidenori; Fujiyama, Norimasa; Kobayashi, Jitsuo; and Ito, Akinori, 4,517,173, Cl. 424-16.000.

Fujiyama, Seiichi; Minakami, Hiroyuki; and Masai, Hiroshi, to Nakano Vinegar Co., Ltd. Highly viscous polysaccharides. 4,514,563, 4-30-85, Cl. 536-123.000.

Fujiyama, Shigeo; and Ogata, Yasuhiro, to Mitsubishi Denki Kabushiki Kaisha. Semi-closed type refrigerant compressing machine. 4,537,046, 8-27-85, Cl. 62-505.000.

Fujiyama, Yasutomo; and Kamiya, Osamu, to Canon Kabushiki Kaisha. Treatment device utilizing plasma. 4,526,644, 7-2-85, Cl. 156-345.000.

Fujiyama, Yasutomo; and Kamiya, Osamu, to Canon Kabushiki Kaisha. Method of cleaning apparatus for forming deposited film. 4,529,474, 7-16-85, Cl. 156-643.000.

Fujiyama, Yasutomo; and Okabe, Shotaro, to Canon Kabushiki Kaisha. Plasma vapor deposition film forming apparatus. 4,539,934, 9-10-85, Cl. 118-723.000.

Fujiyama, Yasutomo; and Okabe, Shotaro, to Canon Kabushiki Kaisha. Plasma vapor deposition film forming apparatus. 4,545,328, 10-8-85, Cl. 118-723.000.

Fujizoki Pharmaceutical Co., Ltd.: *See—*

Kido, Yasuji; Yoshida, Tsutomu; Hamakado, Toshinari; Anno, Masami; Harada, Takahiro; and Motoki, Yoshinobu, 4,526,866, Cl. 435-68.000.

Soma, Kazunori; and Kasahara, Yasushi, 4,544,640, Cl. 436-506.000.

Fukada, Hiroo, to Toso Kabushiki Kaisha. Curtain runner. 4,525,893, 7-2-85, Cl. 16-102.000.

Fukada, Koichi; and Sugimoto, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Abnormal noise detector for use in the inspection of gear units. 4,550,603, 11-5-85, Cl. 73-587.000.

Fukada, Koichi: *See—*

Sugimoto, Hiroshi; and Fukada, Koichi, 4,550,604, Cl. 73-587.000.

Fukagawa, Hitoshi; Suzuki, Yoshiharu; and Komoda, Yoshiyuki, to Matsushita Electric Works, Ltd. Data transmission system utilizing power line. 4,556,865, 12-3-85, Cl. 340-310.00R.

Fukagawa, Hitoshi: *See—*

Suzuki, Yoshiharu; Fukagawa, Hitoshi; Komoda, Yoshiyuki; and Tanaka, Osamu, 4,514,719, Cl. 340-310.00R.

Fukagawa, Katsumi: *See—*

Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.

Fukagawa, Yasuo: *See—*

Kubo, Katsuro; Yoshioka, Takeo; Okabe, Mitsuyasu; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,508,648, Cl. 260-245.20T.

Shibamoto, Norio; Yoshioka, Takeo; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,528,397, Cl. 514-400.000.

Yoshioka, Takeo; Yamamoto, Kenichi; Fukagawa, Yasuo; Shimauchi, Yasutaka; and Ishikura, Tomoyuki, 4,517,127, Cl. 260-245.20T.

Fukahori, Hidehiko: *See—*

Iwashita, Tomonori; and Fukahori, Hidehiko, 4,522,477, Cl. 354-173.100.

Fukai, Masao: *See—*

Tanaka, Toshiaki; Fukai, Masao; Onuma, Tatsuro; and Kinoshita, Ryohei, 4,498,256, Cl. 40-475.000.

Fukai, Toshimasa: *See—*

Kashimoto, Yutaka; Kano, Masayuki; and Fukai, Toshimasa, 4,547,638, Cl. 200-144.00B.

Fukai, Toshiyuki: *See—*

Tsuchida, Yutaka; and Fukai, Toshiyuki, 4,537,240, Cl. 164-430.000.

Fukai, Yoshio; Yamamoto, Masato; and Hanawaka, Masuo, to Yokogawa Hokushin Electric Corporation. Programmable controller. 4,542,452, 9-17-85, Cl. 364-141.000.

Fukamachi, Masaaki; and Sueyoshi, Masahiko, to Honda Giken Kogyo Kabushiki Kaisha. Speed meter system for vehicle. 4,506,216, 3-19-85, Cl. 324-166.000.

Fukami, Akira; Okamoto, Kunio; and Noguchi, Hiroki, to Nippon Soken, Inc. Ventilating device for automotive vehicle. 4,494,597, 1-22-85, Cl. 165-41.000.

Fukami, Akira; Noguchi, Hiroki; and Hamaguchi, Hiroshi, to Nippon Soken, Inc. Humidifier. 4,500,479, 2-19-85, Cl. 261-98.000.

Fukami, Akira; Noguchi, Hiroki; and Kondo, Yauo, to Nippon Soken, Inc. Heating system for automobiles with heat storage tank. 4,556,171, 12-3-85, Cl. 237-12.30B.

Fukami, Akira: *See—*

Oshiro, Takao; Fukami, Akira; and Sasaya, Hideaki, 4,558,634, Cl. 98-2.180.

Fukami, Tadashi: *See—*

Furuya, Tsuneo; and Fukami, Tadashi, 4,532,629, Cl. 371-38.000.

Tsurushima, Katsuaki; Furuya, Tsuneo; and Fukami, Tadashi, 4,519,058, Cl. 369-53.000.

Fukami, Yasuhiko; Sawada, Toshiichi; and Kinkori, Shuzo, to Nippondenso Co., Ltd. Resonator for internal combustion engines. 4,546,733, 10-15-85, Cl. 123-52.0MB.

Fukami, Yasuhiko: *See—*

Sawada, Toshiichi; Fukami, Yasuhiko; and Kinkori, Shuzo, 4,539,947, Cl. 123-52.00M.

Fukano, Michio, to Kabushiki Kaisha Tokyo Keiki. Accelerometer. 4,512,193, 4-23-85, Cl. 73-517.00B.

Fukano, Tetsu: *See—*

Ito, Takashi; Sugii, Toshihiro; Fukano, Tetsu; and Horie, Hiroshi, 4,545,114, Cl. 29-579.000.

Fukano, Yoshimasa; and Wada, Susumu, to Toray Silicone Company, Ltd. Fluid blood coagulation promoter. 4,529,711, 7-16-85, Cl. 436-177.000.

Fukao, Masami: *See—*

Suzukamo, Gohfu; Tamura, Mitsuhisa; and Fukao, Masami, 4,547,586, Cl. 560-211.000.

Fukao, Satoshi: *See—*

Gotoh, Hideo; Fukao, Satoshi; and Suzuki, Makoto, 4,528,428, Cl. 200-5.00A.

Fukasawa, Atsushi; Hosoda, Kenichiro; Sato, Takuro; and Yoshida, Tatumasa, to Oki Electric Industry Co., Ltd. Dielectric filter. 4,546,333, 10-8-85, Cl. 333-202.000.

Fukasawa, Hideki, to Sony Corporation. Signal processing circuits. 4,518,925, 5-21-85, Cl. 330-51.000.

Fukasawa, Takaaki: *See—*

Sujaku, Takamichi; Aoyama, Shuki; and Fukasawa, Takaaki, 4,506,128, Cl. 219-10.55F.

Fukasawa, Takeshi: *See—*

Kobayashi, Satoru; Masaki, Mikio; Sakuno, Hideaki; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,516,415, Cl. 70-252.000.

Masaki, Mikio; Nara, Etuo; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,495,786, Cl. 70-186.000.

Fukasawa, Tetsuo: *See—*

Funabashi, Kiyomi; Kawamura, Fumio; Takagi, Toshio; Urata, Megumu; and Fukasawa, Tetsuo, 4,543,085, Cl. 494-30.000.

Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Molybdenum board and process of manufacturing the same. 4,514,234, 4-30-85, Cl. 148-11.50P.

Fukase, Yasuji: *See—*

Tanaka, Koichi; Takayama, Hiroshi; Amagai, Yoshimi; Aonuma, Shigeo; and Fukase, Yasuji, 4,504,563, Cl. 430-109.000.

Fukase, Yutaka, to M Group Corporation. Vibrationless percussion tool. 4,506,742, 3-26-85, Cl. 173-4.000.

Fukatani, Yasunobu, to Kabushiki Kaisha Daikin Seisakusho. Facing assembly of a friction clutch disc. 4,537,299, 8-27-85, Cl. 192-107.00C.

Fukatsu, Hiroshi: *See—*

Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,501,352, Cl. 198-775.000.

Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,523,670, Cl. 198-403.000.

Fukatsu, Kunio, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic transaction machine. 4,510,381, 4-9-85, Cl. 235-379.000.

Fukatsu, Kunio, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic bank note transaction system. 4,524,268, 6-18-85, Cl. 235-379.000.

Fukatsu, Kunio, to Toshiba Corporation. Bag processing unit of an automatic transaction machine. 4,540,106, 9-10-85, Cl. 221-13.000.

Fukatsu, Kunio: *See—*

Yamauchi, Masahide; and Fukatsu, Kunio, 4,516,866, Cl. 400-25.000.

Fukatsu, Shunzo: *See—*

Minowa, Nobuto; Fukatsu, Shunzo; Tachibana, Kunitaka; Niida, Taro; and Mase, Sadaaki, 4,499,027, Cl. 260-502.50G.

Minowa, Nobuto; Fukatsu, Shunzo; Niida, Taro; and Mase, Sadaaki, 4,510,102, Cl. 260-941.000.

Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Wakazawa, Tadashi; Niida, Taro; and Christensen, Burton G., 4,534,898, Cl. 260-245.300.

Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,556,513, Cl. 260-239.00A.

Umezawa, Hamao; Umezawa, Sumio; Tsuchiya, Tsutomu; Yoneta, Toshio; and Fukatsu, Shunzo, 4,547,492, Cl. 514-41.000.

Fukatsu, Yasumasa: *See—*

Mori, Shuichi; Fukatsu, Yasumasa; and Sakakibara, Takashi, 4,553,257, Cl. 381-57.000.

Fukatsu, Yasushi: *See—*

Ariizumi, Syoji; Fukatsu, Yasushi; and Masuoka, Fujio, 4,558,343, Cl. 357-51.000.

Fukatsu, Yoshiaki: *See—*

Hattori, Katsuhide; Fukatsu, Yoshiaki; and Sakai, Hiroshi, 4,554,032, Cl. 149-21.000.

Kakino, Shigeru; Hattori, Katsuhide; Fukatsu, Yoshiaki; Moriyama, Hideo; and Sakakibara, Hidekazu, 4,511,412, Cl. 149-109.600.

Fukawa, Isaburo; and Sato, Kazutoshi, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for producing polyethylene and an ethylene-α-olefin copolymer. 4,525,546, 6-25-85, Cl. 526-68.000.

Fukawa, Susumu: *See—*

Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.

Fukaya, Chikara: *See—*

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,526,969, Cl. 546-164.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,534,978, Cl. 514-429.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,542,147, Cl. 514-411.000.

Fukaya, Hirokazu; and Niki, Haruo, to Nippon Electric Co., Ltd. Amplifier system switchable between two amplifying operations. 4,494,077, 1-15-85, Cl. 330-295.000.

Fukaya, Hirokazu, to NEC Corporation. Control circuit for controlling output pulse width using negative feedback signal. 4,552,118, 11-12-85, Cl. 123-609.000.

Fukaya, Hirokazu: *See—*

Nishitoba, Shigeo; and Fukaya, Hirokazu, 4,509,494, Cl. 123-609.000.

Fukaya, Hiroyasu: *See—*

Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.

Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431.110.

Ninomiya, Masakazu; Suda, Toshi; Omori, Norio; Akiyama, Susumu; and Fukaya, Hiroyasu, 4,510,910, Cl. 123-486.000.

Fukaya, Kuniaki: *See—*

Tachita, Ryobun; Yano, Tsutomu; Fukukita, Hiroshi; Fukaya, Kuniaki; and Fukumoto, Akira, 4,552,152, Cl. 128-663.000.

Fukaya, Masaki: *See—*

Nakagawa, Katsumi; Mochizuki, Noritaka; Komatsu, Toshiyuki; Fukaya, Masaki; and Kuno, Mitsutoshi, 4,558,357, Cl. 358-75.000.

Fukaya, Yasuhiro. *See—*

Okamoto, Eiji; Fukaya, Yasuhiro; and Chikami, Michio, 4,537,247, Cl. 165-104.140.

Fukayama, Miyoji, and Ichijo, Chikara, to Toray Silicone Company, Ltd. RTV polyorganosiloxane compositions yielding paintable elastomers. 4,515,834, 5-7-85, Cl. 427-387.000.

Fukayama, Sumio: *See—*

Maruyama, Jisaburou; Fukayama, Sumio; Miyake, Masanobu; Watanabe, Yoshimi; and Eguchi, Yoshinori, 4,536,676, Cl. 313-318.000.

Fukazawa, Nobuyuki: *See—*

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; and Shirakawa, Isao, 4,539,150, Cl. 260-239.30B.

Katakami, Tsutomu; Fukazawa, Nobuyuki; and Iizuka, Hajime, 4,539,151, Cl. 260-239.30B.

Fukazawa, Takeshi: *See—*

Yamaguchi, Shunzo; Fukazawa, Takeshi; and Atsumi, Morihiro, 4,505,107, Cl. 60-303.000.

Yamaguchi, Shunzo; Atsumi, Morihiro; and Fukazawa, Takeshi, 4,549,905, Cl. 75-238.000.

Fukemoto, Hiromu. Fishing line with a reinforced leader. 4,514,927, 5-7-85, Cl. 43-44.980.

Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, to Nissan Motor Company, Limited. Steering control apparatus. 4,513,835, 4-30-85, Cl. 180-142.000.

Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, to Nissan Motor Company, Limited. Steering assistance pressure control apparatus. 4,530,414, 7-23-85, Cl. 180-142.000.

Fukino, Masato: *See—*

Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; Fukino, Masato; and Aoyama, Yutaka, 4,541,499, Cl. 180-142.000.

Fukoku Kogyo Company Limited: *See—*

Sato, Hachiro, 4,499,822, Cl. 100-117.000.

Sato, Hachiro, 4,524,684, Cl. 100-117.000.

Fukuchi, Hiromichi, to NEC Corporation. Color ink-jet printer. 4,511,907, 4-16-85, Cl. 346-140.00R.

Fukuchi, Hiromichi; and Ushioda, Toyoji, to NEC Corporation. Multinozzle ink-jet print head of drop-on-demand type. 4,549,191, 10-22-85, Cl. 346-140.00R.

Fukuchi, Hiroshi: *See—*

Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,519,273, Cl. 74-752.00A.

Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,558,612, Cl. 74-844.000.

Fukuchi, Masakazu; Oishi, Keiji; and Iwai, Yasuyuki, to Konishiroku Photo Industry Co., Ltd. Developing unit. 4,559,898, 12-24-85, Cl. 118-653.000.

- Fukuchi, Masakazu: *See—*
  - Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, 4,518,976, Cl. 346-153.100.
- Fukuchi, Shigeki, to Metako Kigyo Co., Ltd. Brake apparatus for winding a roll-screen. 4,535,829, 8-20-85, Cl. 160-291.000.
- Fukuda, David S.: *See—*
  - Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., 4,524,135, Cl. 435-69.000.
  - Abbott, Bernard J.; Debono, Manuel; and Fukuda, David S., 4,537,717, Cl. 260-112.50R.
  - Turner, Jan R.; Krupinski, Veronica M.; Fukuda, David S.; and Baltz, Richard H., 4,559,301, Cl. 435-76.000.
- Fukuda Denshi Kabushiki Kaisha: *See—*
  - Segawa, Kiyoshi, 4,539,995, Cl. 128-639.000.
- Fukuda, Hidenori: *See—*
  - Fujiwara, Masami; Fukuda, Hidenori; and Tanaka, Minako, 4,536,324, Cl. 252-311.000.
- Fukuda, Hideo: *See—*
  - Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.
  - Onitsuka, Hatsuki; Saito, Shin; and Fukuda, Hideo, 4,557,830, Cl. 210-198.200.
- Fukuda, Hirokazu; and Hashimoto, Masaru, to Tokyo Shibaura Denki Kabushiki Kaisha. Differential amplifier circuit. 4,498,054, 2-5-85, Cl. 330-261.000.
- Fukuda, Hiroshi, to Fuji Photo Film Co., Ltd. Autofocus camera including a cover for a taking lens and diagonally disposed range finder windows. 4,556,304, 12-3-85, Cl. 354-288.000.
- Fukuda, Hiroshi: *See—*
  - Ishikawa, Nobumitsu; Takaoka, Hiroshi; and Fukuda, Hiroshi, 4,491,737, Cl. 290-40.00R.
  - Maki, Masao; Kaneko, Yasunori; and Fukuda, Hiroshi, 4,556,048, Cl. 126-417.000.
  - Takaoka, Hiroshi; Furukawa, Toshiki; and Fukuda, Hiroshi, 4,532,761, Cl. 60-39.130.
- Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, to Kureha Kagaku Kogyo Kabushiki Kaisha. Process for preparing a fuel cell electrode substrate comprising carbon fibers. 4,506,028, 3-19-85, Cl. 502-101.000.
- Fukuda, Hiroyuki: *See—*
  - Shigeta, Masatomo; Fukuda, Hiroyuki; Saitoh, Kuniyuki; and Kaji, Hisatsugu, 4,522,895, Cl. 429-44.000.
  - Shigeta, Masatomo; and Fukuda, Hiroyuki, 4,547,418, Cl. 428-167.000.
- Fukuda, Joji; and Yamashiki, Yutaka, to Sony Corporation. Microcomputer system operating in multiple modes. 4,497,021, 1-29-85, Cl. 364-200.000.
- Fukuda, Junzo: *See—*
  - Kita, Katsuhiko; Fukuda, Junzo; and Kawahito, Shiro, 4,496,509, Cl. 264-175.000.
- Fukuda, Katsumi; Ebihara, Masaharu; Hayakumo, Tadahiko; and Todoroki, Tsunehiko, to Matsushita Electric Industrial Co., Ltd. Discharge direction control device for air conditioner. 4,541,326, 9-17-85, Cl. 98-40.250.
- Fukuda, Katsumi: *See—*
  - Todoroki, Tsunehiko; Hayakumo, Tadahiko; and Fukuda, Katsumi, 4,531,988, Cl. 148-402.000.
- Fukuda, Kazumasa; and Kitahara, Yoshimi, to TDK Electronics Co., Ltd. Magnetic recording medium. 4,533,603, 8-6-85, Cl. 428-458.000.
- Fukuda, Kikuo: *See—*
  - Yoshida, Tatsuo; Fukuda, Kikuo; and Tomiguchi, Akihiko, 4,509,319, Cl. 57-218.000.
- Fukuda, Kiyoshi: *See—*
  - Furukawa, Kazuyoshi; Shimbo, Masaru; Fukuda, Kiyoshi; and Tanzawa, Katsujirou, 4,542,105, Cl. 501-22.000.
- Fukuda, Kozi; and Yamashita, Keitaro, to Hitachi Metals, Ltd. Developing apparatus. 4,526,130, 7-2-85, Cl. 118-657.000.
- Fukuda, Kumio: *See—*
  - Shimoma, Taketoshi; Fukuda, Kumio; and Shimaoogi, Toshio, 4,495,439, Cl. 313-412.000.
- Fukuda, Kunio: *See—*
  - Kuribayashi, Isao; and Fukuda, Kunio, 4,543,391, Cl. 525-68.000.
- Fukuda, Manabu. Looped, elongate letterpieces printing plate for use on rotary presses, and method of preparation. 4,535,694, 8-20-85, Cl. 101-395.000.
- Fukuda, Masahiro; Okabayashi, Akitoshi; Narahara, Tadashi; Muramatsu, Kenji; Miyazaki, Noriyuki; and Fukushima, Masanori, to Kubota, Ltd.; and Nippon Steel Corporation. Composite sleeve for use in rolling rolls for H-section steel and channel steel. 4,546,527, 10-15-85, Cl. 29-132.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,491,189, 1-1-85, Cl. 177-1.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus with check weigher. 4,499,961, 2-19-85, Cl. 177-25.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Automatic weighing apparatus. 4,501,339, 2-26-85, Cl. 177-25.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Apparatus for regulating flow of articles in computer scale. 4,516,644, 5-14-85, Cl. 177-25.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus with volume sensing. 4,520,883, 6-4-85, Cl. 177-1.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing or counting method. 4,529,049, 7-16-85, Cl. 177-1.000.
- Fukuda, Masao, to Kabushiki Kaisha Ishida Koki Seisakusho. Method of combinatorial weighing in a combinatorial weighing machine. 4,557,340, 12-10-85, Cl. 177-1.000.
- Fukuda, Masao: *See—*
  - Kumata, Koji; and Fukuda, Masao, 4,542,165, Cl. 521-137.000.
- Fukuda, Masuo, to Saikei Giken Kogyo Kabushiki Kaisha. Method for producing a muffler. 4,547,942, 10-22-85, Cl. 29-157.00R.
- Fukuda, Misao: *See—*
  - Tomiyori, Takashi; Fukuda, Misao; Yamashita, Iwao; Simizu, Nobuo; and Kumano, Takeshi, 4,505,073, Cl. 51-165.00R.
- Fukuda, Mitsuichiro: *See—*
  - Tanoue, Toyosuke; Sueyasu, Masanobu; Fukuda, Mitsuichiro; and Matsuo, Tohru, 4,545,786, Cl. 48-92.000.
- Fukuda, Mitsutoshi: *See—*
  - Koyama, Kenji; Ohno, Syotaro; and Fukuda, Mitsutoshi, 4,522,725, Cl. 210-639.000.
  - Yamaoka, Tsuguo; and Fukuda, Mitsutoshi, 4,515,886, Cl. 430-270.000.
- Fukuda, Mutsumi: *See—*
  - Honda, Seiichirou; Ogawara, Hiroshi; and Fukuda, Mutsumi, 4,534,798, Cl. 106-266.000.
- Fukuda, Nobuo: *See—*
  - Shirai, Mitsuru; Fukuda, Nobuo; Yamamoto, Akira; and Tsuji, Hiroshi, 4,549,603, Cl. 165-104.330.
- Fukuda, Osamu: *See—*
  - Yoshizumi, Hajime; Matsumoto, Nobuya; Fukuda, Osamu; and Fukushi, Osamu, 4,514,496, Cl. 435-162.000.
- Fukuda Press Kogyo Kabushiki Kaisha: *See—*
  - Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, 4,522,082, Cl. 74-512.000.
- Fukuda, Satoru: *See—*
  - Mimura, Yoshiki; Arai, Tetsuji; Shimizu, Hiroshi; and Fukuda, Satoru, 4,535,228, Cl. 219-411.000.
- Fukuda, Shinichi; and Odaka, Kentaro, to Sony Corporation. Method and apparatus for recording and reproducing an analog signal. 4,523,237, 6-11-85, Cl. 360-8.000.
- Fukuda, Shinichiro, to Shaken Co., Ltd. Method of storing images in the form of contours and photo-typesetting apparatus thereof. 4,511,893, 4-16-85, Cl. 340-747.000.
- Fukuda, Shinichiro: *See—*
  - Fuse, Shigeru; Takashima, Masatake; Fukuda, Shinichiro; and Shibata, Hiroyuki, 4,542,412, Cl. 358-260.000.
- Fukuda, Shoichi: *See—*
  - Nakamura, Teruo; and Fukuda, Shoichi, 4,514,157, Cl. 418-259.000.
- Fukuda, Tadaji: *See—*
  - Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,507,375, Cl. 430-128.000.
  - Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,552,824, Cl. 430-64.000.
  - Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,551,405, Cl. 430-64.000.
  - Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,557,990, Cl. 430-84.000.
  - Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,525,442, Cl. 430-57.000.
  - Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,539,283, Cl. 430-61.000.
  - Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,557,987, Cl. 430-58.000.
- Fukuda, Takeshi, to Fujitsu Limited. Method for manufacturing semiconductor device. 4,497,665, 2-5-85, Cl. 148-1.500.
- Fukuda, Takeshi; and Yumoto, Satoshi, to Shin-Etsu Chemical Co., Ltd. Method for the preparation of a shaped article of cured silicone rubber. 4,528,156, 7-9-85, Cl. 264-236.000.
- Fukuda, Tamio: *See—*
  - Oouchi, Tomihisa; Usui, Sampei; Fukuda, Tamio; and Nishiguchi, Akira, 4,520,634, Cl. 62-476.000.
- Fukuda, Teruo: *See—*
  - Isobe, Toshiaki; and Fukuda, Teruo, 4,520,784, Cl. 123-492.000.
- Fukuda, Tomeichiro; Soda, Takashi; Furukawa, Ikuo; Hayashi, Takushi; Kumata, Fujio; and Nagano, Susumu, to Victor Company of Japan, Ltd. Method of manufacturing information storage mediums. 4,548,777, 10-22-85, Cl. 264-107.000.
- Fukuda, Tomio: *See—*
  - Fujioka, Atsushi; Miyadera, Yasuo; and Fukuda, Tomio, 4,526,838, Cl. 428-458.000.
- Fukuda, Tsuguo: *See—*
  - Terashima, Kazutaka; and Fukuda, Tsuguo, 4,496,424, Cl. 156-601.000.
  - Washizuka, Syoichi; Ushizawa, Jisaburo; Kokubun, Yoshihiro; and Fukuda, Tsuguo, 4,539,067, Cl. 156-601.000.
- Fukuda, Tsutomu. Method for controlling a tufting machine. 4,519,332, 5-28-85, Cl. 112-266.200.
- Fukuda, Yoshiaki: *See—*
  - Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.
  - Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.
- Fukuda, Yoshinori, to Ideya Co., Ltd. Holding apparatus for use in cleaner or dryer for dual pin type electronic parts. 4,526,185, 7-2-85, Cl. 134-159.000.

- Fukuda, Yutaka; and Sasaki, Kenichi, to Daicel Chemical Industries, Ltd. Lactone-modified diol. 4,539,394, 9-3-85, Cl. 528-354.000.
- Fukuda, Yutaka: *See—*
  - Kohri, Naomichi; Fukuda, Yutaka; and Muramatsu, Hiroshi, 4,495,535, Cl. 360-96.300.
- Fukudome, Shinichi: *See—*
  - Hara, Noboru; Fukudome, Shinichi; Johna, Nobuo; and Nakamura, Masayoshi, 4,510,073, Cl. 252-383.000.
- Fukuhara, Akira: *See—*
  - Nomura, Setsuo; Tonomura, Akira; Hamamoto, Nobuo; and Fukuhara, Akira, 4,532,422, Cl. 250-306.000.
- Fukuhara, Hiroshige; and Fujiki, Norio, to Nissan Motor Company, Limited. Automotive radio receiver with radio frequency interference elimination circuit. 4,525,870, 6-25-85, Cl. 455-297.000.
- Fukuhara, Kazuyoshi: *See—*
  - Fujita, Shigeyoshi; Kiuchi, Naoyuki; Sasaki, Tomoyuki; and Fukuhara, Kazuyoshi, 4,545,303, Cl. 104-93.000.
- Fukuhara, Masao, to Fukuhara Needle Company, Ltd. Pivoted latch needle. 4,512,164, 4-23-85, Cl. 66-121.000.
- Fukuhara Needle Company, Ltd.: *See—*
  - Fukuhara, Masao, 4,512,164, Cl. 66-121.000.
- Fukuhara, Satoru: *See—*
  - Todokoro, Hideo; and Fukuhara, Satoru, 4,554,455, Cl. 250-305.000.
- Fukuhara, Tetsukazu: *See—*
  - Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.
- Fukuhara, Toru: *See—*
  - Kusaka, Yosuke; and Fukuhara, Toru, 4,500,778, Cl. 250-204.000.
- Fukuhara, Toshiaki: *See—*
  - Hidaka, Toshiyuki; Sakamoto, Hisashi; Fukuhara, Toshiaki; Fujieda, Sadao; and Misawa, Yutaka, 4,540,603, Cl. 427-82.000.
- Fukuhara, Yoshio; and Koizumi, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotary anode for X-ray tube. 4,531,227, 7-23-85, Cl. 378-144.000.
- Fukui, Akito: *See—*
  - Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, 4,504,679, Cl. 564-67.000.
- Fukui, Hirokazu: *See—*
  - Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu, 4,524,333, Cl. 331-17.000.
- Fukui, Hiroshi, to Canon Kabushiki Kaisha. Thermal printer. 4,510,505, 4-9-85, Cl. 346-76.0PH.
- Fukui, Hiroshi, to Canon Kabushiki Kaisha. Dot printer. 4,543,588, 9-24-85, Cl. 346-76.0PH.
- Fukui, Hisatoshi: *See—*
  - Maeda, Hirofumi; Nakamura, Kyoichi; and Fukui, Hisatoshi, 4,525,485, Cl. 521-58.000.
- Fukui, Hishao: *See—*
  - Shimizu, Takahiko; Fukui, Hishao; and Kohno, Tadashi, 4,525,092, Cl. 401-265.000.
- Fukui, Izumu: *See—*
  - Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, 4,523,121, Cl. 310-334.000.
  - Yano, Takeshi; Fukui, Izumu; Hamatsuki, Takeshige; Sato, Eiichi; and Inui, Osamu, 4,518,887, Cl. 310-328.000.
- Fukui, Kazuyuki, to Minolta Camera Kabushiki Kaisha. Sheet feeding apparatus. 4,496,145, 1-29-85, Cl. 271-122.000.
- Fukui, Kazuyuki, to Minolta Camera Kabushiki Kaisha. Sheet feeding apparatus. 4,515,358, 5-7-85, Cl. 271-122.000.
- Fukui, Masahiro; Kitano, Kisei; Tanaka, Masami; and Goto, Yasuyuki, to Chisso Corporation. Pyrimidine derivatives. 4,533,488, 8-6-85, Cl. 252-299.610.
- Fukui, Masahiro: *See—*
  - Inoue, Hiromichi; Fukui, Masahiro; Goto, Yasuyuki; and Tokita, Susumu, 4,507,222, Cl. 252-299.630.
  - Inoue, Hiromichi; Inukai, Takashi; Goto, Yasuyuki; Sato, Hideo; and Fukui, Masahiro, 4,522,741, Cl. 252-299.630.
- Fukui, Masahisa: *See—*
  - Shinmi, Akira; Fukui, Masahisa; Hara, Toshitami; Shirato, Yoshiaki; and Hajimoto, Yoshioki, 4,545,881, Cl. 204-192.0SP.
- Fukui, Noboru: *See—*
  - Tamba, Shinichi; and Fukui, Noboru, 4,561,386, Cl. 123-41.700.
- Fukui, Osamu, to Nissan Motor Company, Limited. Tiltable steering for industrial vehicle or the like. 4,494,773, 1-22-85, Cl. 280-775.000.
- Fukui, Osamu; Inuizawa, Yoshihiro; Hinenoya, Saburo; and Takasaki, Yasufumi, to UBE Industries, Ltd. Modified polyolefin composition and process for producing the same. 4,562,230, 12-31-85, Cl. 525-74.000.
- Fukui, Shiroh: *See—*
  - Nishigaki, Haruo; Watanabe, Koji; Fukui, Shiroh; and Kanematsu, Kiyoshi, 4,556,511, Cl. 252-573.000.
- Fukui, Takashi: *See—*
  - Shiota, Kazuo; Suzuki, Kenji; and Fukui, Takashi, 4,542,984, Cl. 355-68.000.
- Fukui, Takeo: *See—*
  - Irimajiri, Shoichiro; and Fukui, Takeo, 4,502,434, Cl. 123-193.00P.
- Fukui, Tatsuyuki: *See—*
  - Takezawa, Susumu; Ikebe, Ken'ichi; Ayada, Haruki; Fukui, Tatsuyuki; and Okada, Munenori, 4,516,746, Cl. 244-170.000.
- Fukui, Toyoaki: *See—*
  - Danno, Yoshiaki; Kobayashi, Hiroyuki; and Fukui, Toyoaki, 4,520,272, Cl. 290-40.00A.
- Fukui, Tsutomu, to Asahi Kogaku Kogyo Kabushiki Kaisha. Video time base and drop out corrector. 4,555,734, 11-26-85, Cl. 358-314.000.
- Fukui, Tsutomu; and Shirai, Tomoyuki, to Asahi Kogaku Kogyo Kabushiki Kaisha. Color sign inserting circuit for video signal reproducing system. 4,561,013, 12-24-85, Cl. 358-22.000.
- Fukui, Yoshihiro; Tuchiya, Isamu; and Yoshida, Shun, to Zeon Kosan Co., Ltd. Method for forming tires. 4,534,812, 8-13-85, Cl. 156-132.000.
- Fukui, Yukio: *See—*
  - Kishi, Yoshiki; Hirotani, Toyotoshi; Ohira, Tomohiro; and Fukui, Yukio, 4,550,294, Cl. 332-7.510.
  - Sugiyama, Toshio; Suenaga, Hideo; and Fukui, Yukio, 4,525,823, Cl. 369-44.000.
- Fukuizumi, Hideaki: *See—*
  - Yoshinari, Osamu; Kawakatsu, Yoshifumi; and Fukuizumi, Hideaki, 4,522,801, Cl. 423-447.400.
- Fukuju, Osamu; Inagaki, Yasuhiro; and Minoshima, Katsuji, to NCR Corporation. Overlapping document feed apparatus. 4,555,104, 11-26-85, Cl. 271-228.000.
- Fukukita, Hiroshi: *See—*
  - Tachita, Ryobun; Yano, Tsutomu; Fukukita, Hiroshi; Fukaya, Kuniaki; and Fukumoto, Akira, 4,552,152, Cl. 128-663.000.
- Fukukura, Kazutoyo, to AMP Incorporated. Key switch having an actuator integral with the return spring. 4,492,838, 1-8-85, Cl. 200-159.00A.
- Fukukura, Kazutoyo, to AMP Incorporated. Membrane type circuit having improved tail. 4,561,709, 12-31-85, Cl. 339-17.00F.
- Fukuma, Toshiaki: *See—*
  - Watanabe, Haruo; Seto, Junetsu; Suzuki, Kiyosuke; and Fukuma, Toshiaki, 4,542,084, Cl. 430-46.000.
- Fukumi, Hiroshi: *See—*
  - Sato, Yasunobu; Fukumi, Hiroshi; Koike, Hiroyuki; and Kitahara, Nobuaki, 4,495,188, Cl. 514-260.000.
- Fukumitsu, Akira; and Sagara, Shigetoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Disc reproducing apparatus. 4,507,769, 3-26-85, Cl. 369-77.200.
- Fukumori, Kunihiko: *See—*
  - Miyake, Masaaki; and Fukumori, Kunihiko, 4,548,628, Cl. 55-487.000.
- Fukumoto, Akira: *See—*
  - Tachita, Ryobun; Yano, Tsutomu; Fukukita, Hiroshi; Fukaya, Kuniaki; and Fukumoto, Akira, 4,552,152, Cl. 128-663.000.
- Fukumoto, Fumio: *See—*
  - Watanabe, Yutaka; and Fukumoto, Fumio, 4,535,981, Cl. 271-121.000.
- Fukumoto, Hiroshi; Inoue, Sukejiro; Sasakawa, Masumi; and Doi, Shinji, to Canon Kabushiki Kaisha. Heat-fixable dry system toner. 4,533,614, 8-6-85, Cl. 430-99.000.
- Fukumoto, Hiroshi: *See—*
  - Inoue, Sukejiro; Fukumoto, Hiroshi; Sasakawa, Masumi; and Doi, Shinji, 4,533,617, Cl. 430-111.000.
  - Inoue, Sukejiro; Sasakawa, Masumi; Fukumoto, Hiroshi; and Doi, Shinji, 4,535,048, Cl. 430-110.000.
  - Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, 4,505,755, Cl. 106-308.00B.
  - Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, 4,551,497, Cl. 524-423.000.
- Fukumoto, Hisashi: *See—*
  - Moriya, Yukio; Yoda, Tadashi; and Fukumoto, Hisashi, 4,531,366, Cl. 60-421.000.
- Fukumoto, Masafumi, to Nisshin Chemical Industry Co., Ltd. Heat exchanging device. 4,538,678, 9-3-85, Cl. 165-162.000.
- Fukumoto, Ryoichi: *See—*
  - Nemoto, Tadashi; Fukumoto, Ryoichi; Kawamura, Hiroaki; Kondo, Yoshikazu; and Inui, Tsuneo, 4,508,601, Cl. 204-38.500.
- Fukumoto, Ryutaro; Oyagi, Shuji; Yoshida, Yukio; and Akimoto, Ryosaku, to Mitsubishi Jukogyo Kabushiki Kaisha. Air temperature control system for vehicles. 4,540,040, 9-10-85, Cl. 165-12.000.
- Fukumoto, Terumichi: *See—*
  - Wakabayashi, Noriaki; Fukumoto, Terumichi; and Ueda, Nobuhiro, 4,509,001, Cl. 318-687.000.
- Fukumoto, Yasuhisa; and Moriyama, Noboru, to Kao Soap Co., Ltd. Maleic acid/(meth)acrylic acid copolymers useful as calcium ion capturing agents. 4,519,920, 5-28-85, Cl. 210-701.000.
- Fukumoto, Yasuhisa; and Moriyama, Noboru, to Kao Soap Co., Ltd. Maleic acid/(meth)acrylic acid copolymer. 4,555,557, 11-26-85, Cl. 526-240.000.
- Fukumura, Kagenori: *See—*
  - Yasue, Hideki; and Fukumura, Kagenori, 4,495,830, Cl. 74-467.000.
- Fukumura, Naoe; Hasegawa, Shunji; and Tanaka, Masanobu, to Yamazaki Machinery Works, Ltd. Method of controlling selection of tools in a quadriaxial numerical control lathe. 4,549,270, 10-22-85, Cl. 364-474.000.
- Fukumura, Seisuke: *See—*
  - Amano, Itaru; and Fukumura, Seisuke, 4,533,304, Cl. 425-32.000.
- Fukumura, Yukio: *See—*
  - Matsukura, Masayuki; and Fukumura, Yukio, 4,501,019, Cl. 455-112.000.
- Fukunaga, Masao; and Nonoguchi, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Hair styling appliance. 4,543,968, 10-1-85, Cl. 132-33.00R.
- Fukunaga, Mitsuo; and Nagao, Isao, to Murata Kikai Kabushiki Kaisha. Yarn cutting device in twister. 4,505,099, 3-19-85, Cl. 57-86.000.

Fukunaga, Osamu: *See—*

Endo, Tadashi; Sato, Tadao; and Fukunaga, Osamu, 4,562,163, Cl. 501-96.000.

Shindo, Mizuo; Yamamoto, Takashi; Fukunaga, Osamu; and Yamamori, Hisayoshi, 4,530,809, Cl. 264-210.700.

Fukunaga, Shinobu: *See—*

Kyomasu, Mikio; Araki, Toshiyuki; Fukunaga, Shinobu; and Shindo, Masahiro, 4,503,520, Cl. 365-177.000.

Fukunaga, Takahiro: *See—*

Iwamoto, Ken-ichi; Kawano, Tadaaki; Uchiyama, Hiroaki; Fukunaga, Takahiro; Fujiwara, Katsuyoshi; and Yamada, Yoshikado, 4,552,453, Cl. 355-57.000.

Fukunaga, Takao, to Kabushiki Kaisha Daikin Seisakusho. Automatic controlling method of transmission. 4,523,496, 6-18-85, Cl. 74-866.000.

Fukunaga, Takao, to Kabushiki Kaisha Daikin Seisakusho. Method and device for automatic control of transmission. 4,557,162, 12-10-85, Cl. 74-866.000.

Fukunaga, Tokio; Futakawa, Akemi; and Kiso, Mataichiro, to Mitsubishi Denki Kabushiki Kaisha. Method for checking insulative condition of insulated windings used in electrical appliances. 4,502,329, 3-5-85, Cl. 73-573.000.

Fukunaga, Tokio: *See—*

Kiso, Mataichiro; Futakawa, Akemi; and Fukunaga, Tokio, 4,534,206, Cl. 73-12.000.

Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Bus selection control in a data transmission apparatus for a multiprocessor system. 4,523,272, 6-11-85, Cl. 364-200.000.

Fukunaga, Yasushi; and Bandoh, Tadaaki, to Hitachi, Ltd. Data processing system with processors having different processing speeds sharing a common bus. 4,523,274, 6-11-85, Cl. 364-200.000.

Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Central processing unit for executing instructions of variable length having end information for operand specifiers. 4,530,050, 7-16-85, Cl. 364-200.000.

Fukunaga, Yasushi: *See—*

Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.

Fukuo, Koichi: *See—*

Ichida, Katsumi; Fukuo, Koichi; Araki, Junichi; and Machida, Isao, 4,553,473, Cl. 92-261.000.

Fukuoji, Kakujulo: *See—*

Sakamoto, Eiichi; Kawasaki, Mikio; Ono, Kouji; Fukuoji, Kakujulo; and Fujimori, Noboru, 4,500,631, Cl. 430-413.000.

Fukuoka, Kazuya: *See—*

Nagai, Yataro; and Fukuoka, Kazuya, 4,545,588, Cl. 277-93.0SD.

Fukuoka, Kenji, to Olympus Optical Co., Ltd. Distance measuring apparatus. 4,514,083, 4-30-85, Cl. 356-1.000.

Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, to Olympus Optical Co., Ltd. Static induction transistor image sensor with noise reduction. 4,518,863, 5-21-85, Cl. 250-578.000.

Fukuoka, Kenji: *See—*

Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, 4,492,449, Cl. 354-407.000.

Fukuoka, Shigetaka. Freeze-thaw stable stoneware tile and process for production thereof. 4,542,058, 9-17-85, Cl. 428-134.000.

Fukuoka, Shinsuke; Chono, Masazumi; Watanabe, Tomonari; and Kohno, Masashi, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for manufacture of diphenylmethane diisocyanates. 4,547,322, 10-15-85, Cl. 260-453.00P.

Fukuoka, Shinsuke; and Watanabe, Tomonari, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for producing diphenylmethane dicarbamates. 4,552,974, 11-12-85, Cl. 560-25.000.

Fukuoka, Takeyo: *See—*

Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,500,452, Cl. 260-112.50R.

Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,537,880, Cl. 514-19.000.

Fukuoka, Tatsuhiko: *See—*

Nozue, Shigehiro; and Fukuoka, Tatsuhiko, 4,522,513, Cl. 384-368.000.

Fukuoka, Yohei: *See—*

Mitsui, Osamu; and Fukuoka, Yohei, 4,528,409, Cl. 568-835.000.

Fukuoka, Yoshitaka; and Komine, Toshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for packaging electronic parts. 4,517,738, 5-21-85, Cl. 29-840.000.

Fukuroi, Takeo; Omori, Shigenori; and Tanaka, Akira, to Yoshida Kogyo K.K. Apparatus for stamping filamentary material for helically coiled slide-fastener coupling elements. 4,494,922, 1-22-85, Cl. 425-324.100.

Fukuroi, Takeo, to Nippon Notion Kogyo Co., Ltd. Button. 4,512,063, 4-23-85, Cl. 24-94.000.

Fukuroi, Takeo, to Yoshida Kogyo K.K. Fluid-tight slide fastener stringer. 4,513,482, 4-30-85, Cl. 24-384.000.

Fukushi, Keiji; Higashimura, Yutaka; Huzioka, Shinei; Iwaasa, Syuzou; and Kadotani, Kenzo, to Hitachi, Ltd. Stator of submerged motor. 4,492,889, 1-8-85, Cl. 310-87.000.

Fukushi, Osamu: *See—*

Yoshizumi, Hajime; Matsumoto, Nobuya; Fukuda, Osamu; and Fukushi, Osamu, 4,514,496, Cl. 435-162.000.

Fukushi, Shinichi: *See—*

Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito, 4,511,095, Cl. 242-18.00G.

Fukushi, Toshio: *See—*

Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; and Takeya, Yasuo, 4,542,633, Cl. 68-12.00R.

Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; Takeya, Yasuo; and Nagai, Satoshi, 4,554,805, Cl. 68-12.00R.

Fukushi, Yukihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorting apparatus. 4,557,589, 12-10-85, Cl. 355-14.0SH.

Fukushi, Yutaka: *See—*

Ichikawa, Isamu; Fukushi, Yutaka; Kamata, Keiji; and Suzuki, Hikoshiro, 4,553,696, Cl. 236-49.000.

Nishizawa, Toshio; Kamata, Keiji; Nonomura, Osamu; and Fukushi, Yutaka, 4,491,061, Cl. 98-34.600.

Fukushima, Akio: *See—*

Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, 4,526,010, Cl. 62-126.000.

Fukushima, Akira; and Sugimoto, Yutaka, to Kabushiki Kaisha Komatsu Seisakusho. Hydraulic connection means between a vehicle body and a track-mounted hydraulic motor. 4,537,268, 8-27-85, Cl. 180-9.100.

Fukushima, Akira: *See—*

Sugimoto, Yutaka; Taira, Kenji; and Fukushima, Akira, 4,503,931, Cl. 181-204.000.

Fukushima, Hiroshi: *See—*

Fujii, Teruo; Fukushima, Hiroshi; and Nakai, Nobuo, 4,540,856, Cl. 179-89.000.

Fukushima, Isao; Kobori, Yasunori; Nishijima, Hideo; and Masuda, Yoshinori, to Hitachi, Ltd. Motor control apparatus. 4,518,901, 5-21-85, Cl. 318-328.000.

Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Characteristic switching circuit. 4,521,750, 6-4-85, Cl. 333-28.00R.

Fukushima, Isao: *See—*

Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.

Nishijima, Hideo; Sera, Katsumi; Fukushima, Isao; and Kobori, Yasunori, 4,494,056, Cl. 318-269.000.

Nishijima, Hideo; Fukushima, Isao; Teshima, Tsunehiko; Kobori, Yasunori; and Ito, Takayasu, 4,503,369, Cl. 318-254.000.

Fukushima, Kazumasa: *See—*

Takashima, Susumu; Kanke, Takao; Inagaki, Naoki; and Fukushima, Kazumasa, 4,541,111, Cl. 381-51.000.

Fukushima, Kenichi: *See—*

Inoue, Hiroshige; Fukushima, Kenichi; and Nishiguchi, Ikuzo, 4,533,732, Cl. 544-172.000.

Fukushima, Kiyoshi: *See—*

Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.

Fukushima, Masakazu: *See—*

Maruyama, Masanori; Fukushima, Masakazu; Kato, Shinichi; and Ogusu, Chihaya, 4,540,916, Cl. 315-16.000.

Takayama, Shigehiko; Maruyama, Masanori; and Fukushima, Masakazu, 4,560,899, Cl. 313-449.000.

Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, to Fujisawa Pharmaceutical Co., Ltd. Clavulone derivatives, process for preparing the same, and use of said compounds. 4,560,703, 12-24-85, Cl. 514-530.000.

Fukushima, Masanori: *See—*

Fukuda, Masahiro; Okabayashi, Akitoshi; Narahara, Tadashi; Muramatsu, Kenji; Miyazaki, Noriyuki; and Fukushima, Masanori, 4,546,527, Cl. 29-132.000.

Fukushima, Naoto; Iwata, Kazuroh; and Hidaka, Kunihiko, to Nissan Motor Company, Limited. Shock absorber. 4,502,575, 3-5-85, Cl. 188-282.000.

Fukushima, Naoto: *See—*

Hidaka, Kunihiko; Fukushima, Naoto; and Iwata, Kazuro, 4,515,252, Cl. 188-282.000.

Fukushima, Nobuo; and Tomimatsu, Noriyuki, to Mitsubishi Denki Kabushiki Kaisha. Display device for displaying both video and graphic or character images. 4,498,081, 2-5-85, Cl. 340-793.000.

Fukushima, Nobuo; Kitagawa, Yoshihiko; Okumura, Takuzo; and Sakakura, Kazuaki, to Sumitomo Chemical Company, Limited. Highly foamed polypropylene product and an extrusion process for forming the product. 4,522,955, 6-11-85, Cl. 521-143.000.

Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, to Sumitomo Chemical Company, Limited. Plastic film. 4,542,061, 9-17-85, Cl. 428-220.000.

Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, to Sumitomo Chemical Company, Limited. Plastic film. 4,560,609, 12-24-85, Cl. 428-220.000.

Fukushima, Osamu: *See—*

Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,497,529, Cl. 339-75.00M.

Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,501,465, Cl. 339-176.0MP.

- Fukushima, Shigehisa: *See—*
  - Ono, Motoji; Hirao, Masao; and Fukushima, Shigehisa, 4,519,427, Cl. 141-65.000.
- Fukushima, Tadashi: *See—*
  - Kobayashi, Yoshiki; and Fukushima, Tadashi, 4,550,437, Cl. 382-41.000.
- Fukushima, Takashi: *See—*
  - Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.
  - Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.
- Fukushima, Tatsuhisa; Kasai, Yoshiaki; and Nakamura, Mitsuo, to Fuji Jukogyo Kabushiki Kaisha. Actuator control system for an engine idling speed governor. 4,495,579, 1-22-85, Cl. 364-431.070.
- Fukushima, Toshiki: *See—*
  - Seki, Eiji; Tai, Ichiro; Shirayama, Shimpey; Itoh, Toshiaki; Endo, Yorimasa; and Fukushima, Toshiki, 4,493,811, Cl. 376-254.000.
- Fukushima, Toshitaka: *See—*
  - Koyama, Kazumi; Fukushima, Toshitaka; and Kawabata, Yuichi, 4,498,022, Cl. 307-473.000.
- Fukushima, Toshitsugi, to Sun Dengyosha Company, Limited. Illumination type push button switch. 4,496,813, 1-29-85, Cl. 200-314.000.
- Fukushima, Tsutomu; Kawasaki, Kiyoshi; and Sasaki, Sadayuki, to Nippon Kokan Kabushiki Kaisha. Rotary furnace used for the production of ferrochromium. 4,515,352, 5-7-85, Cl. 266-218.000.
- Fukushima, Yoneharu; and Wakai, Kiyoshi, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Warning signal generating device for vehicle. 4,555,690, 11-26-85, Cl. 340-52.00F.
- Fukushima, Yoshiaki: *See—*
  - Hayashi, Hiroaki; Kandori, Toshio; and Fukushima, Yoshiaki, 4,552,806, Cl. 428-312.600.
  - Kamigaito, Osami; Doi, Haruo; and Fukushima, Yoshiaki, 4,497,869, Cl. 428-402.000.
- Fukuta, Kinsho, to Toyota Jidosha Kabushiki Kaisha. Device for adjusting height of cushion in rear part of seat. 4,522,078, 6-11-85, Cl. 74-89.150.
- Fukuta, Kinsho; and Kanamaru, Makoto, to Toyota Jidosha Kabushiki Kaisha; and Shiroki Kinzoku Kogyo Kabushiki Kaisha. Reclining angle adjustment device. 4,541,672, 9-17-85, Cl. 297-367.000.
- Fukuta, Masaharu; Oshima, Yoshio; Ishikawa, Sako; and Ohtsuki, Toru, to Hitachi, Ltd. Multiplication device using multiple-input adder. 4,543,641, 9-24-85, Cl. 364-756.000.
- Fukuta, Masaru, to Motorola, Inc. High speed presettable counter. 4,512,030, 4-16-85, Cl. 377-107.000.
- Fukuta, Masaru: *See—*
  - Kase, Kiyoshi; and Fukuta, Masaru, 4,553,054, Cl. 307-597.000.
- Fukuta, Minoru, to Sony/Tektronix Corporation. Logic signal display apparatus. 4,516,119, 5-7-85, Cl. 340-722.000.
- Fukuta, Toshiaki: *See—*
  - Miyakawa, Susumu; Fukuta, Toshiaki; Akado, Hajime; and Taki, Yoshihiro, 4,498,989, Cl. 210-450.000.
- Fukutani, Masanori: *See—*
  - Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.
- Fukutome, Michio: *See—*
  - Yoshida, Hatsuyoshi; Fukutome, Michio; Ohuchi, Makoto; and Ohta, Jyun, 4,524,254, Cl. 200-83.00R.
- Fukutome, Satoru; Hatanaka, Hideo; and Saito, Motoyuki, to Citizen Watch Co., Ltd. Acoustic alarm device for watches. 4,493,560, 1-15-85, Cl. 368-88.000.
- Fukutomi, Yohji: *See—*
  - Kobayashi, Hideo; and Fukutomi, Yohji, 4,541,400, Cl. 123-589.000.
- Fukutsuka, Toshiro; Moritoki, Masato; Fujikawa, Takao; and Gennai, Norio, to Kabushiki Kaisha Kobe Seiko Sho. Method of producing compound-type superconducting wires. 4,505,762, 3-19-85, Cl. 148-11.50R.
- Fukuura, Shinichi: *See—*
  - Hikosaka, Shinichi; Murayama, Kosho; Fukuura, Shinichi; and Yanase, Takaomi, 4,519,906, Cl. 210-223.000.
- Fukuura, Yukio: *See—*
  - Kitamura, Takashi; Fukuura, Yukio; Tanuma, Itsuo; Shinogaya, Toshikazu; and Noda, Yuji, 4,548,687, Cl. 204-159.170.
  - Tanuma, Itsuo; Takeichi, Hideo; Fukuura, Yukio; Ohyachi, Tomio; and Naito, Kazuo, 4,511,627, Cl. 428-429.000.
- Fukuya, Hiroyuki: *See—*
  - Koga, Yoshikazu; and Fukuya, Hiroyuki, 4,491,243, Cl. 222-55.000.
- Fukuyama, Hiroomi; and Isobe, Shinichi, to Fanuc Ltd. Method of diagnosing a servomotor control circuit. 4,496,889, 1-29-85, Cl. 318-565.000.
- Fukuyama, Toshifumi; and Okamoto, Kiyohide, to Omron Tateisi Electronics Co. Dual electronic switching device with reduced external terminals. 4,551,640, 11-5-85, Cl. 307-471.000.
- Fukuyama, Yasuo: *See—*
  - Okumura, Kunio; Fukuyama, Yasuo; and Tanaka, Atsuo, 4,517,719, Cl. 29-124.000.
- Fukuyasu, Harumi: *See—*
  - Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, 4,536,398, Cl. 514-43.000.
- Fukuyo, Hiroshi: *See—*
  - Miyashita, Tsuneo; Sakamoto, Noboru; and Fukuyo, Hiroshi, 4,504,306, Cl. 75-3.000.
  - Nakayama, Michio; Tajima, Osamu; Matsui, Seiji; Yoshikoshi, Hideyuki; and Fukuyo, Hiroshi, 4,515,351, Cl. 266-177.000.
- Fukuzawa, Genichiro; and Idesawa, Isao, to Nisshin Kogyo Kabushiki Kaisha. Automatic braking-gap adjuster system for hydraulic brake. 4,530,424, 7-23-85, Cl. 188-196.00D.
- Fukuzawa, Takahiko: *See—*
  - Matsumoto, Hisayoshi; and Fukuzawa, Takahiko, 4,507,002, Cl. 400-322.000.
- Fulberth, Werner; Sickmuller, Alfred; and Stammberger, Willi, to Hoechst Aktiengesellschaft. Acesulfam-containing composition tablets on the basis thereof and process for the manufacture of these tablets. 4,552,771, 11-12-85, Cl. 426-548.000.
- Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., to AT&T Information Systems Inc. Digital communication station signaling control. 4,512,016, 4-16-85, Cl. 370-110.100.
- Fulcomer, Emanuel J., Jr., to AT&T Bell Laboratories. Button depression click generator. 4,528,681, 7-9-85, Cl. 377-16.000.
- Fulger, Charles V.; and Bradbury, Allan G., to General Foods Corporation. Modification of bran by extrusion. 4,500,558, 2-19-85, Cl. 426-622.000.
- Fulger, Charles V.; Stahl, Howard D.; Turek, Evan J.; and Bayha, Renee, to General Foods Corporation. Production of a mannan oligomer hydrolysate. 4,508,745, 4-2-85, Cl. 426-594.000.
- Fulger, Charles V.: *See—*
  - Lou, Wen C.; and Fulger, Charles V., 4,521,436, Cl. 426-104.000.
- Fulghum, Donald R.; and Muir, Ronald C., to Ford Motor Company. Rack assembly. 4,561,643, 12-31-85, Cl. 269-43.000.
- Fulgurit GmbH & Co. K.G.: *See—*
  - Reinlein, Karl-Heinz; and Stablein, Bruno, 4,534,311, Cl. 118-630.000.
- Fulgurit GmbH & Co. Kommanditgesellschaft: *See—*
  - Exner, Gunter, 4,496,636, Cl. 428-703.000.
- Fulhorst, George E. Wireless alarm system in conjunction with at least one vehicle. 4,523,178, 6-11-85, Cl. 340-64.000.
- Fulkerson, Larry R., to Norton Christensen, Inc. Anti-jamming core barrels. 4,558,749, 12-17-85, Cl. 175-58.000.
- Fulkerson, Robert D., to Munsters Corporation, The. Splash-type fill. 4,557,878, 12-10-85, Cl. 261-111.000.
- Fulks, Bernard D.; Sawin, Steven P.; Aikman, Collin D.; and Jenkins, John M., III, to Union Carbide Corporation. Process for reducing sheeting during polymerization of alpha-olefins. 4,532,311, 7-30-85, Cl. 526-62.000.
- Fulks, Ronald T.: *See—*
  - Powell, Ronald A.; and Fulks, Ronald T., 4,522,845, Cl. 427-53.100.
- Full, Donald A., to Philip Morris Incorporated. Heated die for carbonized material. 4,498,858, 2-12-85, Cl. 425-466.000.
- Fullam, Harold T.: *See—*
  - Rohrmann, Charles A.; and Fullam, Harold T., 4,537,835, Cl. 423-502.000.
- Fullbright, Olen E.; Baird, Truette H.; and Wade, Jack H., to Hosiery Maufacturing Corp. of Morganton. Circular knit panty and method. 4,527,403, 7-9-85, Cl. 66-177.000.
- Fullenkamp, Eugene H.; and Lohrey, Cecil R., to Hill-Rom Company, Inc. Medical service column and mounting bracket. 4,523,683, 6-18-85, Cl. 211-190.000.
- Fuller, Charles C.; and Hendrickson, James L., to Safe-Base, Inc. Ball base construction and anchor. 4,493,486, 1-15-85, Cl. 273-25.000.
- Fuller Company: *See—*
  - Courtay, Robert Y., 4,534,653, Cl. 366-106.000.
  - DiBuo, Louis J.; Solt, Paul E.; and Souders, Marvyn L., 4,525,106, Cl. 406-60.000.
  - Lukacz, Stephen A., 4,494,564, Cl. 137-527.600.
  - Nelson, Jeffrey A.; and Hanstine, Kenneth W., 4,498,634, Cl. 241-72.000.
  - Nelson, Jeffrey N.; and Peters, Thomas A., 4,497,122, Cl. 34-68.000.
  - Phillips, Norman D., 4,529,422, Cl. 55-270.000.
  - Tonellato, Sylvain, 4,528,999, Cl. 137-70.000.
- Fuller, Dudley D.: *See—*
  - Stahl, Philip; Fuller, Dudley D.; and Rippel, Harry C., 4,526,484, Cl. 384-133.000.
- Fuller, Everett J.; and Lundberg, Robert D., to Exxon Research & Engineering Co. Oil removal from water suspensions using ionic domain polymers. 4,508,626, 4-2-85, Cl. 210-708.000.
- Fuller, Everett J.; and Lundberg, Robert D., to Exxon Research & Engineering Co. Oil removal from water suspensions using ionic domain polymers. 4,511,479, 4-16-85, Cl. 210-708.000.
- Fuller, Gene E.; and Lin, Yi-Ching, to Texas Instruments Incorporated. Resist process using anti-reflective coating. 4,557,797, 12-10-85, Cl. 156-643.000.
- Fuller, John M.: *See—*
  - Barr, John D.; and Fuller, John M., 4,505,342, Cl. 175-329.000.
- Fuller, Larry E.: *See—*
  - Amiot, Bruce P.; Fuller, Larry E.; Martinez, Felix J.; Cosentino, Louis C.; Harm, William H.; and Nelson, Wayne I., 4,517,081, Cl. 210-85.000.
- Fuller, Oliver C.; Bennett, James R.; and Skeen, J. Hall, to Fuller, Oliver C. Method of making tubes. 4,531,666, 7-30-85, Cl. 228-171.000.
- Fuller, Payton D.: *See—*
  - Hunter, Charles L.; Fuller, Payton D.; and Mutchler, David K., 4,556,484, Cl. 210-90.000.
- Fuller, Peter W. W., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Wear reducing projectile. 4,513,668, 4-30-85, Cl. 102-511.000.

Fuller, Robert A.: *See*—

Morris, Jeffrey D.; and Fuller, Robert A., 4,542,196, Cl. 526-64.000.

Morris, Jeffrey D.; and Fuller, Robert A., 4,548,788, Cl. 422-109.000.

Morris, Jeffrey D.; and Fuller, Robert A., 4,550,149, Cl. 526-68.000.

Morris, Jeffrey D.; and Fuller, Robert A., 4,551,309, Cl. 422-135.000.

Morris, Jeffrey D.; and Fuller, Robert A., 4,551,510, Cl. 526-68.000.

Morris, Jeffrey D.; and Fuller, Robert A., 4,555,384, Cl. 422-109.000.

Fuller, Robert P.; and Nordstrom, Larry A., to U-Lite, Inc. Fluorescent lamp circuit. 4,559,478, 12-17-85, Cl. 315-224.000.

Fuller, Robert R.: *See*—

Radford, Kenneth C.; Keller, Herbert W.; Parks, Beryl H.; and Fuller, Robert R., 4,560,462, Cl. 204-298.000.

Fuller, Stephen C.: *See*—

Bruning, John W.; and Fuller, Stephen C., 4,542,390, Cl. 346-140.00R.

Fuller, Timothy J.: *See*—

Scala, Luciano C.; Alvino, William M.; and Fuller, Timothy J., 4,533,448, Cl. 204-181.700.

Fuller, Tom E.; and Finell, Lewis R., to Super Fuel Systems Incorporated. Process for production of a carbide by-product with microwave energy and aluminum by electrolysis. 4,505,787, 3-19-85, Cl. 204-67.000.

Fullgraf, Heribert: *See*—

Illmann, Joachim; and Fullgraf, Heribert, 4,501,413, Cl. 269-43.000.

Fullmer, Paul H. Chain saw carrying backpack. 4,558,808, 12-17-85, Cl. 224-270.000.

Fulmer, Keith H., to Bendix Corporation, The. Hydraulic brake booster. 4,490,977, 1-1-85, Cl. 60-547.100.

Fulmer, Keith H., to Allied Corporation. Vacuum brake boosters. 4,519,295, 5-28-85, Cl. 91-376.00R.

Fulmer, Keith H.: *See*—

Brown, Arthur K.; Fulmer, Keith H.; and Ewald, Jerome T., 4,514,981, Cl. 60-547.100.

Fulterer Gesellschaft m.b.H.: *See*—

Fulterer, Manfred, 4,552,415, Cl. 308-3.800.

Fulterer, Manfred, to Fulterer Gesellschaft m.b.H. Adjustable drawer mounting assembly. 4,552,415, 11-12-85, Cl. 308-3.800.

Fulton, Donald E.: *See*—

Comstock, Robert H.; Curtiss, William P.; and Fulton, Donald E., 4,506,321, Cl. 364-174.000.

Fulton, John D. Collapsible garment hanger. 4,524,890, 6-25-85, Cl. 223-94.000.

Fulton Manufacturing Corporation: *See*—

Richter, Karl E.; and Ebey, Edward W., 4,556,233, Cl. 280-513.000.

Fulton, Raymond L., Jr.: *See*—

Schindler, Frederick J.; and Fulton, Raymond L., Jr., 4,556,701, Cl. 526-282.000.

Fulton, Scott; Yankopoulos, Basil; and Zediana, Lewis, Jr., to Amicon Corporation. Agarose derivatives of amino phenyl boronic acid. 4,562,251, 12-31-85, Cl. 536-17.400.

Fultz, Carl, Jr; and Fultz, Phyllis D. W. Manipulable doll. 4,518,366, 5-21-85, Cl. 446-366.000.

Fultz, Clinton: *See*—

Moore, Franklin, Jr.; and Fultz, Clinton, 4,502,623, Cl. 229-1.50B.

Fultz, Phyllis D. W.: *See*—

Fultz, Carl, Jr; and Fultz, Phyllis D. W., 4,518,366, Cl. 446-366.000.

Fulwyler, Mack J., to Becton, Dickinson and Company. Apparatus for distinguishing multiple subpopulations of cells. 4,499,052, 2-12-85, Cl. 422-52.000.

Fulwyler, Mack J.: *See*—

Shoor, Bernard A.; and Fulwyler, Mack J., 4,526,276, Cl. 209-552.000.

Fuma, Toyoji: *See*—

Nakagawa, Takeo; Noguchi, Hiroyuki; Yanagisawa, Akira; Fuma, Toyoji; Tsuchida, Masanobu; Inagaki, Takehiro; and Hayashi, Yoshikazu, 4,531,705, Cl. 249-134.000.

Fumagalli, Carlo: *See*—

Suciu, George D.; Stefani, Giancarlo; and Fumagalli, Carlo, 4,510,258, Cl. 502-209.000.

Suciu, George D.; Stefani, Giancarlo; and Fumagalli, Carlo, 4,511,670, Cl. 502-209.000.

Fumex AB: *See*—

Lundstrom, Barry, 4,541,327, Cl. 98-115.400.

Fuminier, Claude, to Pont-a-Mousson S.A. Method and apparatus for cutting circular or oval pipes. 4,541,316, 9-17-85, Cl. 82-59.000.

Fuminier, Claude B., to Pont-a-Mousson S.A. Method and apparatus for cutting a cast iron pipe. 4,517,867, 5-21-85, Cl. 82-101.000.

Fuminier, Claude B., to Pont-a-Mousson S.A. Method and apparatus for separating a cut tube end. 4,549,678, 10-29-85, Cl. 225-2.000.

Fumio, Ohtomo, to Tokyo Kogaku Kikai Kabushiki Kaisha. Optical distance-measuring method and apparatus therefor. 4,560,271, 12-24-85, Cl. 356-5.000.

Fumoto, Takabumi, to Fuji Electric Co., Ltd.; and Fuji Electric Corporate Research & Development, Ltd. Infrared film thickness gage. 4,510,389, 4-9-85, Cl. 250-339.000.

Fun-Tech Products Company: *See*—

Orlowski, Gerald J., 4,538,999, Cl. 446-259.000.

Funabasama, Kouichi: *See*—

Hamatani, Fumikazu; and Funabasama, Kouichi, 4,536,619, Cl. 179-84.00R.

Funabashi, Katsunori, to Honda Giken Kogyo Kabushiki Kaisha. Radiator system for motorcycle. 4,537,273, 8-27-85, Cl. 180-229.000.

Funabashi, Kiyomi; Kawamura, Fumio; Kikuchi, Makoto; and Yusa, Hideo, to Hitachi, Ltd. Process for solidifying radioactive waste pellets. 4,505,851, 3-19-85, Cl. 252-628.000.

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Funabashi, Kiyomi; Kawamura, Fumio; Takagi, Toshio; Urata, Megumu; and Fukasawa, Tetsuo, to Hitachi, Ltd. Apparatus for separating solid matters. 4,543,085, 9-24-85, Cl. 494-30.000.

Funabashi, Kyo: *See*—

Yasuda, Kazuo; Funabashi, Kyo; and Chiyoda, Akiyoshi, 4,504,541, Cl. 428-264.000.

Funabashi, Masahiko: *See*—

Nakamura, Masayuki; Tsuriya, Masaaki; and Funabashi, Masahiko, 4,501,836, Cl. 524-66.000.

Funabashi, Motohisa: *See*—

Miyaoka, Shinichiro; Sekozawa, Teruji; Funabashi, Motohisa; and Hayashi, Shinobu, 4,562,552, Cl. 364-510.000.

Wakamori, Fumio; Noma, Toshiyuki; Adachi, Masao; Funabashi, Motohisa; and Suzuki, Masayoshi, 4,522,534, Cl. 405-37.000.

Funabashi, Shinichi: *See*—

Anonuma, Masashi; Tamai, Yasuo; Sato, Tsunehiko; Funabashi, Shinichi; and Ogawa, Hiroshi, 4,511,484, Cl. 252-62.540.

Yamauchi, Koichi; Tsuji, Nobuo; Yamada, Yasuyuki; Funabashi, Shinichi; and Kiyama, Masatoshi, 4,503,120, Cl. 428-336.000.

Funabashi, Tadashi, to Pioneer Electronic Corporation. Front loading disc player. 4,561,085, 12-24-85, Cl. 369-77.100.

Funabashi, Tetsuji; and Kobayashi, Shingo, to Kabushiki Kaisha Komatsu Seisakusho. Blade control device. 4,537,259, 8-27-85, Cl. 172-4.500.

Funada, Etuo: *See*—

Osawa, Michitaka; Funada, Etuo; Miyajima, Hiroyuki; Maekawa, Hitoshi; and Ando, Kunio, 4,544,896, Cl. 330-284.000.

Funada, Fumiaki; and Shimizu, Keiichiro, to Sharp Kabushiki Kaisha. Field effect mode liquid crystal display. 4,521,080, 6-4-85, Cl. 350-341.000.

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Funada, Fumiaki: *See*—

Ishii, Yutaka; Minezaki, Shigehiro; Kozaki, Shuichi; and Funada, Fumiaki, 4,528,115, Cl. 252-299.630.

Ishii, Yutaka; Funada, Fumiaki; Takamatsu, Toshiaki; and Tomio, Wada, 4,553,821, Cl. 350-339.00R.

Kozaki, Shuichi; Ishii, Yutaka; and Funada, Fumiaki, 4,552,436, Cl. 350-337.000.

Takamatsu, Toshiaki; Funada, Fumiaki; Yasuda, Shuhei; and Matsuura, Masataka, 4,509,099, Cl. 361-413.000.

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Funagura, Shuichi; and Nishio, Katsufumi, to Matsushita Electric Industrial Co., Ltd. Electric food cutting machine. 4,516,733, 5-14-85, Cl. 241-79.000.

Funahashi, Masaya; Inoue, Kenichi; and Mizushima, Kunio, to Hitachi Maxell, Ltd. Magnetic recording medium. 4,522,885, 6-11-85, Cl. 428-422.000.

Funahashi, Soukichi, to Konishiroku Photo Industry Co., Ltd. Abnormality detecting device. 4,497,010, 1-29-85, Cl. 361-93.000.

Funahashi, Takuo: *See*—

Koyama, Toshihiro; Anbe, Yoshiharu; and Funahashi, Takuo, 4,507,946, Cl. 72-17.000.

Funahashi, Yasuyuki: *See*—

Sato, Mineo; Kawaguchi, Tadaaki; Okawachi, Yukinori; and Funahashi, Yasuyuki, 4,507,940, Cl. 62-407.000.

Funai Yakuhin Kogyo Kabushiki Kaisha: *See*—

Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.

Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, to Nippon Sheet Glass Co., Ltd.; and Sumitomo Chemical Company, Limited. Non-fogging coating composition and a shaped article coated therewith. 4,522,966, 6-11-85, Cl. 524-114.000.

Funaki, Masahiko: *See*—

Narisawa, Shigeyuki; Funaki, Masahiko; Kojima, Hiroaki; and Kuga, Kazuhiko, 4,525,491, Cl. 521-174.000.

Funaki, Yuji; Oshita, Hirofumi; Yamamoto, Shigeo; Tanaka, Shizuya; and Kato, Toshiro, to Sumitomo Chemical Company, Limited. Geometrical isomer of 1-substituted-1-triazolylstyrenes, and their production and use as fungicide, herbicide and/or plant growth regulant. 4,554,007, 11-19-85, Cl. 71-076.000.

Funaki, Yuji: *See*—

Furuzawa, Kunihiko; Funaki, Yuji; Hisada, Yoshio; and Izumi, Kazuo, 4,493,842, Cl. 424-273.00R.

Funakoshi, Fumio: *See*—

Morishita, Tatsuo; Funakoshi, Fumio; Nakamura, Kenichi; and Takamori, Kazuo, 4,517,564, Cl. 340-825.690.

Funakoshi, Katsumi: *See*—

Asanae, Masumi; Noguchi, Koji; Itoi, Hideyuki; and Funakoshi, Katsumi, 4,529,680, Cl. 430-106.600.

Funakoshi, Keigo; and Ametani, Minoru, to Nitto Electric Industrial Co., Ltd. Apparatus for sticking adhesive film on a ring and a thin article. 4,522,679, 6-11-85, Cl. 156-510.000.

Funakoshi, Satoshi: *See—*

Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.

Uemura, Yahiro; Arimura, Hirofumi; Morise, Hiroshi; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,526,782, Cl. 424-85.000.

Funakoshi, Tadayoshi; and Takeda, Kazuo, to Hitachi, Ltd. Horizontally split casing of turbo machine. 4,493,611, 1-15-85, Cl. 415-199.100.

Funakoshi, Takeshi: *See—*

Tani, Masanori; Eto, Shin'ichi; and Funakoshi, Takeshi, 4,560,210, Cl. 303-22.00R.

Funakoshi, Yasunobu: *See—*

Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.

Funamoto, Hiroyuki: *See—*

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Funaoka, Chihiro: *See—*

Naete, Hidehiko; Funaoka, Chihiro; Augello, Daniel; and Coste, Jean-Claude, 4,560,885, Cl. 307-10.00R.

Funari, Remo A.: *See—*

Nelson, Jordan R.; and Funari, Remo A., 4,531,401, Cl. 73-12.000.

Funasaki, Ken; Iijima, Toshiki; and Kagohata, Tsuneo, to Hitachi, Ltd. Temperature control apparatus for automobile air-conditioning systems. 4,518,032, 5-21-85, Cl. 165-12.000.

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Funato, Hiroyoshi, to Ricoh Company, Ltd. Light scanning apparatus. 4,505,537, 3-19-85, Cl. 350-3.710.

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Funatsu, Tsuneo: *See—*

Momma, Yoshinobu; Funatsu, Tsuneo; and Sasaki, Atusi, 4,497,106, Cl. 29-571.000.

Funazaki, Mitsunori: *See—*

Iwanami, Yoshiyuki; Taniguchi, Kozo; Funazaki, Mitsunori; and Takenouchi, Tomoo, 4,502,524, Cl. 164-66.100.

Funazo, Giichi: *See—*

Fujimoto, Michitaro; Funazo, Giichi; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,560,764, Cl. 548-190.000.

Funcik, Jack F.: *See—*

Schneider, Thomas E.; and Funcik, Jack F., 4,492,023, Cl. 29-861.000.

Fundakowski, Richard A.: *See—*

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Fundemantum B.V.: *See—*

van den Elzen, Lambertus W. A.; van der Wouden, Adriaan; and Meijer, Auke, 4,533,279, Cl. 405-239.000.

Funderburk, F. Gene; Culbertson, E. C.; and Posey, Robert G., to American Hoechst Corporation. Polyester film coated with metal adhesion promoting copolyester. 4,493,872, 1-15-85, Cl. 428-332.000.

Fundom, Danny L.; and Kirk, William A., to Van Dorn Company. Can end pour spout and pull tab construction. 4,524,879, 6-25-85, Cl. 220-273.000.

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Fung, Alexander P.: *See—*

Fujioka, George S.; and Fung, Alexander P., 4,546,192, Cl. 546-345.000.

Fung, Anthony K., to Sperry Corporation. Circular-queue structure. 4,535,420, 8-13-85, Cl. 364-900.000.

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Sestanj, Kazimir; Fung, Steven; Abraham, Nedumparambil A.; and Bellini, Francesco, 4,499,310, Cl. 568-634.000.

Funk, David B.; Kallmeyer, James D.; and Harker, Wesley H., to Dickey-john Corporation. Method and apparatus for non-destructively determining ingredients of a sample. 4,496,907, 1-29-85, Cl. 324-445.000.

Funk, David B.; and Kallmeyer, James B., to Dickey-john Corporation. Method and apparatus for preparing a meat sample for determination of composition of same. 4,534,229, 8-13-85, Cl. 73-863.000.

Funk, Erwin D.: *See—*

Elmore, Carl L.; and Funk, Erwin D., 4,514,910, Cl. 34-15.000.

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Funk, Gary L., to Phillips Petroleum Company. Constraint control of a fractional distillation process. 4,530,738, 7-23-85, Cl. 203-2.000.

Funk, Gary L.; and Bland, Terry E., to Phillips Petroleum Company. Control process for an ammonia manufacturing process. 4,545,971, 10-8-85, Cl. 423-359.000.

Funk, Gary L.: *See—*

Smith, Dexter E.; Steward, William S.; and Funk, Gary L., 4,543,637, Cl. 364-500.000.

Funk, Gerhard, to Patelhold Patentverwertungs- & Elektro-Holding AG. Common bus access system using plural configuration tables for failure tolerant token passing among processors. 4,511,958, 4-16-85, Cl. 364-200.000.

Funk, Harald F. System for treating and recovering energy from exhaust gases. 4,513,573, 4-30-85, Cl. 60-648.000.

Funk, Heinrich; Pakur, Henryk; and Seitz, Hans, to Continental Gummi-Werke Aktiengesellschaft. Pneumatic vehicle tire. 4,509,575, 4-9-85, Cl. 152-356.00R.

Funk, James E., to Alfred University Research Foundation, Inc. Coal-water slurry and method for its preparation. 4,494,959, 1-22-85, Cl. 44-51.000.

Funk, James E., to Alfred University Research Foundation, Inc. Process for burning a carbonaceous slurry. 4,501,205, 2-26-85, Cl. 110-347.000.

Funk, James E., to Alfred University Research Foundation, Inc. Process for pumping a carbonaceous slurry. 4,526,584, 7-2-85, Cl. 44-51.000.

Funk, Richard J. One-piece clamp. 4,511,107, 4-16-85, Cl. 248-74.100.

Funk, Richard L., to Hercules Incorporated. Low detonation velocity explosive composition. 4,555,279, 11-26-85, Cl. 149-92.000.

Funk, Roger C., to Davey Tree Expert Company. Flow volume proportioning system. 4,529,000, 7-16-85, Cl. 137-99.000.

Funke, Craig D., to NRG Systems, Inc. Flue box with adjustable counterbalance cap. 4,497,310, 2-5-85, Cl. 126-292.000.

Funke, Gunther; and Eick, Hans-Joachim, to Kocks Technuk GmbH & Co. Rolling mills. 4,559,799, 12-24-85, Cl. 72-224.000.

Funke, Manfred: *See—*

Scheurenberg, Helmut; and Funke, Manfred, 4,505,355, Cl. 180-308.000.

Funke, Maurice F.; and Morris, Joseph W., to United States of America, Army, by said Joseph W. Morris. Fluidic transmission controller. 4,494,422, 1-22-85, Cl. 74-867.000.

Funke, Michael J.; Topliffe, Douglas A.; and Rathbun, Donald J., to Honeywell Information Systems Inc. Diskette read data recovery system. 4,534,044, 8-6-85, Cl. 375-120.000.

Funke, Rolf: *See—*

Gleichaut, Winfried; Gunther, Oswin; Hoffmann, Dietrich; and Funke, Rolf, 4,532,868, Cl. 102-527.000.

Funyu, Yutaka; Okumura, Tadashi; Monno, Asao; and Shimizu, Masami, to Fuji Electric Co., Ltd.; and Kawasaki Steel Corporation. Tube wall thickness measurement. 4,491,731, 1-1-85, Cl. 250-358.100.

Funyu, Yutaka: *See—*

Sakurada, Kazuyuki; Funyu, Yutaka; Togashi, Fusao; Kanno, Toyoji; and Masuda, Toshikazu, 4,506,531, Cl. 72-8.000.

Fuqua, Debra L.: *See—*

Bruno, David J., Jr.; Dodds, Michael J.; Fuqua, Debra L.; and Hunter, John E., 4,560,564, Cl. 426-250.000.

Furbish, Ivan J.: *See—*

Sutter, David L.; Furbish, Ivan J.; Ferguson, Roland C.; Berry, Richard L.; and Barrows, Douglas P., 4,490,949, Cl. 52-9.000.

Furch, Benjamin; and Rost, Friedrich-Wilhelm, to Rheinmetall GmbH. Apparatus for making a pressed body. 4,545,755, 10-8-85, Cl. 425-420.000.

Furco, Samuel J. Comb for geometric hair styling. 4,517,998, 5-21-85, Cl. 132-11.00R.

Furda, John G. Game apparatus. 4,526,368, 7-2-85, Cl. 273-14.000.

Fure, Barbara J.: *See—*

Jenekhe, Samson A.; and Fure, Barbara J., 4,548,738, Cl. 252-500.000.

Furgerson, Donald F., to Westinghouse Electric Corp. Computer monitored or controlled system which may be modified and debugged on-line by one not skilled in computer programming. 4,533,997, 8-6-85, Cl. 364-200.000.

Furia, Edoardo; and La Corte, Carlo. Machine for producing and dispensing ice-lollies and the like. 4,557,117, 12-10-85, Cl. 62-340.000.

Furiate, David L. Traffic lane delineator. 4,515,499, 5-7-85, Cl. 404-6.000.

Furihata, Makoto, to Hitachi, Ltd. FM detector using monostable multivibrators. 4,504,792, 3-12-85, Cl. 329-106.000.

Furihata, Makoto, to Hitachi, Ltd. A/D converter with bit extension capability using wired-OR outputs. 4,509,036, 4-2-85, Cl. 340-347.0AD.

Furihata, Makoto: *See—*

Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, 4,543,499, Cl. 307-477.000.

Furio, Martino: *See—*

Pestellini, Vittorio; Ghelardoni, Mario; Giolitti, Alessandro; Volterra, Giovanna; Furio, Martino; and Meli, Alberto, 4,551,451, Cl. 514-217.000.

Furlan, Diego, to Euroresearch s.r.l. Methyl-piperazino derivatives with analgesic activity. 4,562,191, 12-31-85, Cl. 514-255.000.

Furlan, Piero: *See—*

Civilla, Enzo; Furlan, Piero; and Maccone, Sergio, 4,541,860, Cl. 71-120.000.

Furley, Richard G.; and Fowler, John H., to Smith International, Inc. Fire responsive stem retention apparatus. 4,540,013, 9-10-85, Cl. 137-75.000.
Furlong, Donn B., to Marine Construction & Design Co. Method and apparatus for unwrapping a plurality of short lines from a longline. 4,525,947, 7-2-85, Cl. 43-4.000.
Furlong, Owen D.; Moore, Leonard; and Ward, Jonathan D., to Normalair-Garrett (Holdings) Limited. Gas flow responsive signal output means. 4,501,293, 2-26-85, Cl. 137-557.000.
Furmaga, Walter V. Shrub rug. 4,539,800, 9-10-85, Cl. 56-329.000.
Furman, Anatol, to International Business Machines Corporation. Multi-port register implementations. 4,535,428, 8-13-85, Cl. 365-230.000.
Furman, Anatol, to International Business Machines Corporation. Multi-port register implementation. 4,554,645, 11-19-85, Cl. 365-189.000.
Furman, Burford J.: *See—*
  Henderson, Jerald M.; and Furman, Burford J., 4,526,269, Cl. 198-443.000.
Furman, Lynn C.: *See—*
  Blair, Kelvin R.; Furman, Lynn C.; and Knott, David M., 4,530,003, Cl. 357-81.000.
Furman, Yakov A.: *See—*
  Sevastyanov, Viktor V.; Furman, Yakov A.; Grebenschikov, Anatoly P.; Lysov, Viktor F.; and Shalnov, Boris N., 4,520,826, Cl. 128-422.000.
Furnari, Giuseppe, to Tonal S.a.S. di Furnari Giuseppe & C. Safety razor provided with an articulated head. 4,502,216, 3-5-85, Cl. 30-50.000.
Furnier- u. Sperrholzwerk: *See—*
  Munk, Edmund; and Dietz, Martin, 4,552,797, Cl. 428-167.000.
  Traumuller, Otfried; and Weinberg, Gerd, 4,550,832, Cl. 206-509.000.
  Traumuller, Otfried; and Weinberg, Gerd, 4,550,847, Cl. 220-4.00F.
Furr, Barrington J. A.: *See—*
  Eakin, Murdoch A.; Hayter, Anthony J.; and Furr, Barrington J. A., 4,533,672, Cl. 514-415.000.
Furrer, Andreas; and Milavec, Johann, to BBC Brown, Boveri & Company, Limited. Switching amplifier. 4,510,457, 4-9-85, Cl. 330-10.000.
Furrer, Andreas, to BBC Brown, Boveri & Company, Limited. Switching amplifier. 4,517,522, 5-14-85, Cl. 330-10.000.
Furrer, Andreas, to BBC Brown, Boveri & Company, Limited. Switching amplifier for digital power amplification. 4,560,944, 12-24-85, Cl. 330-10.000.
Furrer, Josef: *See—*
  Anderegg, Fredy; Furrer, Josef; and Dappen, Heinz, 4,533,787, Cl. 174-68.500.
Furrer, Robert: *See—*
  Bajka, Imre; and Furrer, Robert, 4,501,770, Cl. 427-97.000.
Furrow, Robert E., to Cooper Industries Inc. Drawworks brake control. 4,519,585, 5-28-85, Cl. 254-273.000.
Fursich, Manfred; and Treiber, Helmut, to AGFA-Gevaert, A.G. Color copying method. 4,561,768, 12-31-85, Cl. 355-38.000.
Furst, Andor; Keller, Peter; and Muller, Marcel, to Hoffmann-La Roche Inc. deA-steroids. 4,492,797, 1-8-85, Cl. 549-265.000.
Furst, Emanuel F.; Lampe, Louis F.; and Woods, William L., to University of Arizona Foundation. Methods and apparatus for testing a blood pressure monitoring system of the hydraulic type. 4,499,903, 2-19-85, Cl. 128-675.000.
Furst, Leander; and Divisek, Jiri, to Kernforschungsanlage Julich GmbH. Electrochemical gas analyzer for determination of sulphur dioxide content of gases. 4,532,023, 7-30-85, Cl. 204-402.000.
Furst, Leander; and Holzer, Walter, to Kernforschungsanlage Julich GmbH; and Elo-Chem Atztechnik GmbH. Regeneration of an ammoniacal etching solution with recycling of solution with electrolytically reduced metal content to the regeneration input. 4,557,811, 12-10-85, Cl. 204-105.00R.
Furst, Sidney M.: *See—*
  Williamson, Robert D.; and Furst, Sidney M., 4,534,813, Cl. 156-212.000.
Furstenwerth, Hauke, to Bayer Aktiengesellschaft. 2,5-diamino-1,3,4-thiadiazole derivatives. 4,500,715, 2-19-85, Cl. 548-140.000.
Furter, Gerhard; and Lahres, Hans, to Carl-Zeiss-Stiftung. Eyeglass lenses for persons suffering from severe ametropia. 4,561,736, 12-31-85, Cl. 351-159.000.
Furth, Arthur. Apparatus for actuating the temperature setting means of a water heater. 4,529,121, 7-16-85, Cl. 236-46.00R.
Furubayashi, Hisatoshi; Tanaka, Junichi; Watanabe, Masanori; and Hijikigawa, Masaya, to Sharp Kabushiki Kaisha. Method for production of a moisture sensor. 4,515,653, 5-7-85, Cl. 156-643.000.
Furubayashi, Hisatoshi: *See—*
  Tanaka, Junichi; Furubayashi, Hisatoshi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,558,393, Cl. 361-286.000.
  Watanabe, Masanori; Furubayashi, Hisatoshi; Tanaka, Junichi; and Hijikigawa, Masaya, 4,496,931, Cl. 338-34.000.
Furuhara, Hiroshi: *See—*
  Koizumi, Satoru; Furuhara, Hiroshi; and Teshima, Daisuke, 4,551,775, Cl. 360-74.100.
Furuhashi, Hiroyuki: *See—*
  Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,550,095, Cl. 502-119.000.
  Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; and Ueno, Hiroshi, 4,551,440, Cl. 502-119.000.
  Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,552,858, Cl. 502-112.000.
Furuhashi, Masaru: *See—*
  Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, 4,503,907, Cl. 165-133.000.
Furuhashi, Michio: *See—*
  Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.
Furuhashi, Shoji: *See—*
  Ishigami, Kazuhiro; Furuhashi, Shoji; and Yuzawa, Haruo, 4,517,945, Cl. 123-425.000.
Furuhata, Takashi: *See—*
  Azuma, Nobuo; Satoh, Kenji; Mohri, Katsuo; and Furuhata, Takashi, 4,507,690, Cl. 360-33.100.
Furuichi, Katsushi, to Canon Kabushiki Kaisha. Variable magnification copying machine. 4,505,579, 3-19-85, Cl. 355-55.000.
Furuichi, Katsushi: *See—*
  Masuda, Shunichi; Furuichi, Katsushi; and Takahata, Naomi, 4,540,170, Cl. 271-259.000.
Furuichi, Shinji; Morita, Shigetoshi; Taka, Shunichi; and Suwabe, Hirohisa, to Hitachi Metals, Ltd. Magnetic head assembly. 4,506,308, 3-1[illegible]l. 360-121.000.
Fur[illegible], Sak[illegible]e: *See—*
  [illegible]akajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; [illegible], Sakae; Okane, Kohji; and Anezaki, Shoji, 4,522,650, Cl. [illegible]00.
Furukaw[illegible]attery Co., Ltd., The: *See—*
  Watanabe, Yasushi; Suzuki, Yuichi; Nagata, Yukihiro; and Hoshino, Kiyotaka, 4,498,519, Cl. 164-417.000.
Furukawa Electric Co., Ltd., The: *See—*
  Fujimura, Syunichi; Oda, Eisuke; Hagiwara, Miyuki; and Morita, Youske, 4,554,173, Cl. 427-120.000.
  Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, 4,559,973, Cl. 138-138.000.
  Hara, Ryoichi; Kuroha, Toshiaki; and Inagaki, Nobuo, 4,552,576, Cl. 65-2.000.
  Kunieda, Hiroshi; Yamamoto, Hiroshi; Nishkawa, Yuji; and Enpuku, Yoshihiko, 4,557,897, Cl. 422-15.000.
  Noguchi, Masahisa; and Kaneda, Kazuji, 4,552,314, Cl. 242-25.00R.
  Shiga, Shoji; Suzuki, Satoshi; and Kiso, Nariyoshi, 4,529,667, Cl. 428-646.000.
  Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, 4,519,839, Cl. 75-242.000.
  Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, 4,520,230, Cl. 174-107.000.
  Unno, Yohei; Ueno, Satoru; Sadamitsu, Kazuo; and Okamoto, Tsuneo, 4,549,581, Cl. 138-109.000.
  Watanabe, Yasushi; Suzuki, Yuichi; Nagata, Yukihiro; and Hoshino, Kiyotaka, 4,498,519, Cl. 164-417.000.
Furukawa, Genzo; Sugie, Yutaka; and Fujii, Masami, to Sumitomo Gomu Kogyo Kabushiki Kaisha. Arrangement for paving elastic surface material. 4,507,015, 3-26-85, Cl. 404-103.000.
Furukawa, Heisaburo: *See—*
  Yanagi, Kenichi; Taguchi, Toshio; Wada, Tetsuyoshi; Furukawa, Heisaburo; and Wake, Kanji, 4,552,092, Cl. 118-718.000.
Furukawa, Hiroshi; and Saito, Yuichi, to Sumitomo Rubber Industries, Ltd.; and Sumitomo Chemical Company, Limited. Composition for tread rubber of tires. 4,521,587, 6-4-85, Cl. 526-340.200.
Furukawa, Hiroshi: *See—*
  Okumura, Yoshiharu; Kamiyama, Setsuo; Furukawa, Hiroshi; and Kaneko, Katsumi, 4,507,512, Cl. 568-897.000.
  Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.
  Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.
Furukawa, Hisao; and Kato, Yasushi, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. One component room temperature setting composition. 4,506,052, 3-19-85, Cl. 524-357.000.
Furukawa, Hisao: *See—*
  Kato, Yasushi; Furukawa, Hisao; and Nakatsuka, Saori, 4,503,181, Cl. 524-391.000.
  Kato, Yasushi; and Furukawa, Hisao, 4,507,437, Cl. 525-106.000.
  Kato, Yasushi; and Furukawa, Hisao, 4,518,726, Cl. 524-32.000.
  Kato, Yasushi; and Furukawa, Hisao, 4,539,359, Cl. 524-376.000.
Furukawa, Ikuo: *See—*
  Fukuda, Tomeichiro; Soda, Takashi; Furukawa, Ikuo; Hayashi, Takushi; Kumata, Fujio; and Nagano, Susumu, 4,548,777, Cl. 264-107.000.
Furukawa, James N.: *See—*
  Ampulski, Joseph W.; Furukawa, James N.; Kesner, Donald R.; and Bernal, Ronald D., 4,495,617, Cl. 370-86.000.
Furukawa, Kazuyoshi; Shimbo, Masaru; Fukuda, Kiyoshi; and Tanzawa, Katsujirou, to Tokyo Shibaura Denki Kabushiki Kaisha. Glass composition for covering semiconductor element. 4,542,105, 9-17-85, Cl. 501-22.000.
Furukawa, Keiji: *See—*
  Mizobuchi, Norihiro; Furukawa, Keiji; and Motoyama, Takeshi, 4,513,581, Cl. 62-197.000.
Furukawa, Kenji; and Wakabayashi, Shinji, to Diesel Kiki Co., Ltd. Heater unit for automotive vehicles, permitting easy removal and fitting of heater core from and into casing. 4,523,633, 6-18-85, Cl. 165-76.000.

Furukawa, Kenji, to Diesel Kiki Co., Ltd. Blower. 4,538,967, 9-3-85, Cl. 417-360.000.

Furukawa, Kenji: *See—*
Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.

Furukawa Kogyo Kabushiki Kaisha: *See—*
Yasumune, Masaru; Yamada, Junsaku; and Kurokawa, Sumiaki, 4,546,595, Cl. 53-450.000.

Furukawa, Masahiko: *See—*
Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Furukawa, Masahiro: *See—*
Kusakabe, Hiroyoshi; Ishiko, Hideo; Okumura, Takeshi; Izumi, Masashi; and Furukawa, Masahiro, 4,505,123, Cl. 62-148.000.

Furukawa, Masamichi: *See—*
Yamaga, Shigeru; and Furukawa, Masamichi, 4,494,854, Cl. 354-484.000.

Furukawa, Noboru, to Ricoh Company, Ltd. Facsimile communication data recording apparatus for facsimile transceiver. 4,494,149, 1-15-85, Cl. 358-257.000.

Furukawa, Nobuyuki; and Sanbe, Mitsuhiro, to Honda Giken Kogyo Kabushiki Kaisha. Supporting apparatus for carburetor controlling cam plate. 4,500,478, 2-19-85, Cl. 261-52.000.

Furukawa, Osamu: *See—*
Imai, Motomasa; Takahashi, Takashi; Furukawa, Osamu; and Kanai, Hideyuki, 4,516,105, Cl. 338-21.000.
Kanai, Hideyuki; Furukawa, Osamu; Imai, Motomasa; and Takahashi, Takashi, 4,527,146, Cl. 338-20.000.
Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; and Furukawa, Osamu, 4,535,314, Cl. 338-21.000.
Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.

Furukawa, Shigeyoshi: *See—*
Yoshii, Toshio; and Furukawa, Shigeyoshi, 4,520,246, Cl. 200-144.00B.

Furukawa, Tatsuya; and Horike, Masanori, to Ricoh Company, Ltd. Pump for supplying head of ink jet printer with ink under pressure. 4,558,995, 12-17-85, Cl. 417-322.000.

Furukawa, Tatsuya: *See—*
Ebi, Yutaka; Fujii, Tadashi; Sekiya, Takuro; Horike, Masanori; Furukawa, Tatsuya; and Tachiki, Masaaki, 4,504,844, Cl. 346-140.00R.
Horike, Masanori; Furukawa, Tatsuya; Sekiya, Takuro; Ebi, Yutaka; Isayama, Takuro; and Tachiki, Masaaki, 4,510,509, Cl. 346-140.00R.
Horike, Masanori; Furukawa, Tatsuya; Ebi, Yutaka; and Yamazaki, Hiroshi, 4,535,339, Cl. 346-75.000.

Furukawa, Teruo, to Mitsubishi Denki Kabushiki Kaisha. Encoding and decoding systems for binary data. 4,496,934, 1-29-85, Cl. 340-347.0DD.

Furukawa, Teruo, to Mitsubishi Denki Kabushiki Kaisha. Encoding and decoding systems for binary data. 4,502,036, 2-26-85, Cl. 340-347.0DD.

Furukawa, Teruo: *See—*
Kawabata, Masaru; Furukawa, Teruo; and Ishibashi, Michiyasu, 4,562,491, Cl. 360-51.000.

Furukawa, Tetsuro, to Hitachi Zosen Corporation. Multiple regeneration multiple absorption type heat pump. 4,553,409, 11-19-85, Cl. 62-476.000.

Furukawa, Tokinobu: *See—*
Matsushita, Nobuo; Furukawa, Tokinobu; Shintani, Tetsuo; Sumitani, Tomoaki; and Oda, Chikao, 4,515,008, Cl. 73-53.000.

Furukawa, Toshihiko. Method for pattern controlled electrode movement for E.D.M. 4,527,036, 7-2-85, Cl. 219-69.00M.

Furukawa, Toshiki: *See—*
Takaoka, Hiroshi; Furukawa, Toshiki; and Fukuda, Hiroshi, 4,532,761, Cl. 60-39.130.

Furukawa, Toshio, to Sharp Kabushiki Kaisha. Electronic sphygmomanometer. 4,501,281, 2-26-85, Cl. 128-680.000.

Furukawa, Toshio, to Kikkoman Corporation. Classifier. 4,536,284, 8-20-85, Cl. 209-305.000.

Furukawa, Toshio, to Sharp Kabushiki Kaisha. Electronic sphygmomanometer. 4,549,549, 10-29-85, Cl. 128-680.000.

Furukawa, Yasuyoshi: *See—*
Tatemoto, Masayoshi; Furukawa, Yasuyoshi; Tomoda, Masayasu; Oka, Masahiko; and Morita, Shigeru, 4,530,972, Cl. 525-276.000.

Furukawa, Yoshimi; and Sano, Shoichi, to Honda Giken Kogyo Kabushiki Kaisha. Steering device for vehicle. 4,538,824, 9-3-85, Cl. 280-91.000.

Furukawa, Yoshimi; Sano, Shoichi; Takamatsu, Hiroshi; and Sato, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Rear suspension for vehicles. 4,553,768, 11-19-85, Cl. 280-91.000.

Furukawa, Yoshimi; Sano, Shoichi; and Takamatsu, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Steering system for vehicles. 4,558,877, 12-17-85, Cl. 280-91.000.

Furukawa, Yoshimi: *See—*
Sano, Shoichi; and Furukawa, Yoshimi, 4,505,491, Cl. 280-91.000.
Sano, Shoichi; and Furukawa, Yoshimi, 4,506,899, Cl. 280-91.000.
Sano, Shoichi; and Furukawa, Yoshimi, 4,522,416, Cl. 280-91.000.
Sano, Shoichi; and Furukawa, Yoshimi, 4,522,417, Cl. 280-91.000.

Furukawa, Yoshiyasu, to Takeda Chemical Industries, Ltd. Isoxazolopyrimidine derivatives. 4,504,662, 3-12-85, Cl. 544-255.000.

Furukawa, Yutaka: *See—*
Matsuoka, Hiroshi; and Furukawa, Yutaka, 4,522,614, Cl. 474-260.000.

Furuki, Tsuneo: *See—*
Sugiyama, Hiroyuki; Shibamoto, Takeshi; Sato, Hideo; Furuki, Tsuneo; Kubo, Mitsuo; and Tanaka, Koji, 4,554,597, Cl. 358-335.000.

Furumoto, Takayuki, to Hitachi, Ltd. System for maintenance and diagnosis of mobile telephone equipment. 4,554,410, 11-19-85, Cl. 179-2.00E.

Furumura, Kyozaburo: *See—*
Sugi, Hiromi; Furumura, Kyozaburo; and Asai, Hiromitsu, 4,491,373, Cl. 308-5.00R.

Furumura, Yuji, to Fujitsu Limited. Metal-insulator-semiconductor transistor device. 4,509,070, 4-2-85, Cl. 357-41.000.

Furumura, Yuji; and Nishizawa, Takeshi, to Fujitsu Limited. Method and apparatus for vapor phase deposition. 4,510,177, 4-9-85, Cl. 427-85.000.

Furunishi, Kaoru: *See—*
Saito, Ken; Ochi, Tsuneo; Furunishi, Kaoru; and Yuki, Takeshi, 4,501,402, Cl. 248-346.000.

Furuno, Akihisa; Inukai, Kenichi; and Ogawa, Yasuo, to Nitto Chemical Industry Co., Ltd.; Mitsubishi Rayon Co., Ltd.; and Diafloc Co., Ltd. Process for the preparation of cationic polymers. 4,514,551, 4-30-85, Cl. 526-233.000.

Furuno, Nobuo; Ota, Yoshio; Itai, Masahiro; Tokuyama, Akio; and Nakano, Eiichi, to Nippon Paint Co., Ltd. Method of controlling electrocoating bath and apparatus therefor. 4,501,649, 2-26-85, Cl. 204-181.00R.

Furuno, Nobuo, to Nippon Paint Co., Ltd. Surface treatment of aluminum materials. 4,504,324, 3-12-85, Cl. 148-6.15R.

Furusawa, Genichi: *See—*
Ono, Shigetoshi; and Furusawa, Genichi, 4,529,692, Cl. 430-562.000.

Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, to Kokusai Denshin Denwa Kabushiki Kaisha. Spliced portion housing structure for optical fiber in optical submerged repeater. 4,505,540, 3-19-85, Cl. 350-96.200.

Furusawa, Takashi: *See—*
Katsuura, Nobuo; and Furusawa, Takashi, 4,530,615, Cl. 403-16.000.

Furusawa, Toshihiro: *See—*
Mitani, Nobuhiro; and Furusawa, Toshihiro, 4,547,807, Cl. 358-213.000.

Furusho, Takao: *See—*
Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,561, Cl. 514-209.000.
Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,574, Cl. 514-195.000.
Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,540,689, Cl. 514-196.000.

Furuta, Akio: *See—*
Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.

Furuta, Kenji, to Olympus Optical Company Limited. Tape recorder. 4,546,399, 10-8-85, Cl. 360-137.000.

Furuta, Mamoru: *See—*
Kobayashi, Kazuo; Furuta, Mamoru; and Maeno, Yoshio, 4,503,356, Cl. 313-634.000.

Furuta, Ryuji: *See—*
Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, 4,545,932, Cl. 260-112.50R.

Furuta, Toshio; Kawamoto, Nobuhiko; and Honma, Akira, to Mitsui Kensetsu Kabushiki Kaisha. Shield driving process for enlargement. 4,530,621, 7-23-85, Cl. 405-150.000.

Furuta, Toshio: *See—*
Takamiya, Shigeo; and Furuta, Toshio, 4,558,906, Cl. 299-31.000.

Furuta, Yohichi; Tsubouchi, Kaoru; and Nishii, Michiharu, to Aisin Seiki Kabushiki Kaisha. Tandem-type brake booster. 4,494,445, 1-22-85, Cl. 91-369.00A.

Furuta, Yohichi; Tsubouchi, Kaoru; and Nanamura, Kaoru, to Aisin Seiki Kabushiki Kaisha. Brake master cylinder. 4,495,772, 1-29-85, Cl. 60-533.000.

Furutachi, Nobuo; and Hirose, Takeshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive materials containing couplers with a hydroxyl substituted aromatic heterocyclic sulfonyl group in the ballast group. 4,503,141, 3-5-85, Cl. 430-558.000.

Furutachi, Nobuo; and Hirose, Takeshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive materials. 4,513,082, 4-23-85, Cl. 430-552.000.

Furutachi, Nobuo; Nakamura, Kotaro; and Hirose, Takeshi, to Fuji Photo Film Co., Ltd. Color photographic light-sensitive material. 4,556,630, 12-3-85, Cl. 430-372.000.

Furutachi, Nobuo: *See—*
Ohki, Nobutaka; Furutachi, Nobuo; and Yoshida, Yoshinobu, 4,530,899, Cl. 430-551.000.
Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, 4,500,630, Cl. 430-386.000.

  - Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, 4,540,654, Cl. 430-381.000.
  - Seto, Nobuo; Furutachi, Nobuo; Morigaki, Masakazu; and Nakazyo, Kiyoshi, 4,559,297, Cl. 430-551.000.
- Furutaka, Yasuhisa; and Ishii, Sadamu, to Daikin Kogyo Co., Ltd. Process for preparing a trifluoromethylbenzene derivative. 4,493,800, 1-15-85, Cl. 260-465.00D.
- Furutani, Toshinobu: *See*—
  - Sakurai, Shigenori; Kamo, Takashi; Furutani, Toshinobu; Kimura, Shirou; Torisu, Yoshio; and Okazaki, Mari, 4,514,277, Cl. 204-424.000.
  - Sakurai, Shigenori; Kamo, Takashi; and Furutani, Toshinobu, 4,540,479, Cl. 204-427.000.
- Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, to Hitachi, Ltd. Process for regenerating cleaning fluid. 4,514,270, 4-30-85, Cl. 204-151.000.
- Furutani, Yasumasa; Hira, Yasuo, Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Process for removing metal surface oxide. 4,544,462, 10-1-85, Cl. 204-129.000.
- Furutsu, Akira, to Japan Bano'k Co., Ltd. Fastener attacher. 4,492,330, 1-8-85, Cl. 227-67.000.
- Furutsu, Akira, to Japan Bano'k Co., Ltd.; and Ben Clements & Sons, Inc. Cable banding machine. 4,499,928, 2-19-85, Cl. 140-93.200.
- Furutsu, Akira, to Japan Bano'k Co., Ltd.; and Ben Clements & Sons, Inc. Bundling belt device. 4,507,828, 4-2-85, Cl. 24-16.0PB.
- Furutsu, Akira, to Japan Bano'k Co., Ltd.; and Ben Clements & Sons, Inc. Fastener dispensing device. 4,511,073, 4-16-85, Cl. 227-67.000.
- Furutsu, Akira, to Japan Bano'k Co., Ltd.; and Ben Clements & Sons, Inc. Fastener dispensing device. 4,535,926, 8-20-85, Cl. 227-67.000.
- Furutsu, Akira, to Japan Bano'k Co., Ltd. Device for connecting ends of filamentary fastener. 4,536,933, 8-27-85, Cl. 29-235.000.
- Furutsu, Akira, to Japan Bano'k Co., Ltd.; and Ben Clements & Sons, Inc. Fastener dispensing device. 4,538,754, 9-3-85, Cl. 227-67.000.
- Furutsu, Akira, to Japan Bano'k Co., Ltd.; and Ben Clements & Sons, Inc. Tag attaching device. 4,553,688, 11-19-85, Cl. 227-67.000.
- Furuya, Akira: *See*—
  - Katsumata, Ryoichi; Oka, Tetsuo; and Furuya, Akira, 4,500,640, Cl. 435-253.000.
- Furuya, Kaname: *See*—
  - Harada, Mineo; Simojyo, Tetuzi; and Furuya, Kaname, 4,548,522, Cl. 400-124.000.
- Furuya, Katusuke: *See*—
  - Watanabe, Kenkichi; and Furuya, Katusuke, 4,509,542, Cl. 133-8.00A.
- Furuya, Mikihito: *See*—
  - Wakabayashi, Tsutomu; and Furuya, Mikihito, 4,538,865, Cl. 339-17.00F.
- Furuya, Shin-ichi: *See*—
  - Togashi, Minoru; Kato, Kenshiro; and Furuya, Shin-ichi, 4,513,802, Cl. 152-353.00R.
- Furuya, Toshiaki: *See*—
  - Tsumuraya, Kenichi; and Furuya, Toshiaki, 4,526,489, Cl. 400-693.000.
- Furuya, Tsuneo; and Fukami, Tadashi, to Sony Corporation. Apparatus for error correction. 4,532,629, 7-30-85, Cl. 371-38.000.
- Furuya, Tsuneo; and Hori, Katsuya, to Sony Corporation. Method and apparatus for error correction. 4,541,093, 9-10-85, Cl. 371-40.000.
- Furuya, Tsuneo: *See*—
  - Tsurushima, Katsuaki; Furuya, Tsuneo; and Fukami, Tadashi, 4,519,058, Cl. 369-53.000.
- Furuya, Yoshiyuki: *See*—
  - Ikeguchi, Nobuyuki, Osaki, Yasunari; and Furuya, Yoshiyuki, 4,552,690, Cl. 252-512.000.
- Furuya, Yukitsuna: *See*—
  - Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, 4,527,279, Cl. 375-114.000.
- Furuzawa, Kunihiko; Funaki, Yuji; Hisada, Yoshio; and Izumi, Kazuo, to Sumitomo Chemical Company, Limited. Fungicidal N-(phenyl-lower alkanoyl-)-imidazole derivatives, composition, and method of use. 4,493,842, 1-15-85, Cl. 424-273.00R.
- Fury, Werner: *See*—
  - Meyer, Willy; and Fury, Werner, 4,510,325, Cl. 564-89.000.
- Furze, Victor J.; and Howlett, Thomas J., to Molins PLC. Feeding stacks of sheets. 4,497,482, 2-5-85, Cl. 271-94.000.
- Fuse, Genzo, to Honda Giken Kogyo Kabushiki Kaisha. Robot-type welding apparatus. 4,542,845, 9-24-85, Cl. 228-45.000.
- Fuse, Kenichiro: *See*—
  - Yamaguchi, Hitohisa; Fuse, Kenichiro; and Yoshida, Takeshi, 4,516,650, Cl. 180-68.300.
- Fuse, Mamoru, to Nippon Electric Co., Ltd. Semiconductor device having a resistor region with an enhanced breakdown voltage. 4,562,451, 12-31-85, Cl. 357-13.000.
- Fuse, Mario, to Fuji Xerox Co., Ltd. Process for forming passivation film on photoelectric conversion device and the device produced thereby. 4,527,007, 7-2-85, Cl. 136-256.000.
- Fuse, Mario: *See*—
  - Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, 4,560,866, Cl. 250-216.000.
- Fuse, Masaki: *See*—
  - Ooe, Akihiko; and Fuse, Masaki, 4,562,593, Cl. 382-6.000.
- Fuse, Masashi: *See*—
  - Tomoyori, Makoto; and Fuse, Masashi, 4,543,578, Cl. 340-995.000.
- Fuse, Shigeru; Takashima, Masatake; Fukuda, Shinichiro; and Shibata, Hiroyuki, to Shaken Co., Ltd. Method for compressing character or pictorial image data. 4,542,412, 9-17-85, Cl. 358-260.000.
- Fuse, Takahiro: *See*—
  - Kameda, Osamu; and Fuse, Takahiro, 4,523,232, Cl. 358-236.000.
- Fuseda, Yuichi: *See*—
  - Tsutomu, Kimura; Nakayama, Hideo; and Fuseda, Yuichi, 4,538,179, Cl. 358-166.000.
- Fusek, Richard L., to University of Dayton. Production of high performance optical spatial filters. 4,516,833, 5-14-85, Cl. 350-162.120.
- Fuseya, Yoshiharu: *See*—
  - Ishiguro, Shoji; Mifune, Hiroyuki; Fuseya, Yoshiharu; and Kojima, Tetsuro, 4,528,264, Cl. 430-609.000.
  - Oka, Yutaka; Saeki, Naomi; and Fuseya, Yoshiharu, 4,510,229, Cl. 430-265.000.
- Fushida, Akira: *See*—
  - Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.
- Fushiki, Tatsuo, to Nippon Gakki Seizo Kabushiki Kaisha. Device for generating a variable control signal. 4,549,098, 10-22-85, Cl. 307-352.000.
- Fushiki, Yasuo: *See*—
  - Oizumi, Masayuki; Abe, Masaharu; and Fushiki, Yasuo, 4,521,491, Cl. 428-458.000.
  - Uekita, Masakazu; Fushiki, Yasuo; and Ooizumi, Masayuki, 4,557,784, Cl. 156-307.700.
- Fushikida, Katsunobu, to NEC Corporation. Adaptive differential PCM decoder. 4,549,305, 10-22-85, Cl. 375-27.000.
- Fushimi, Hitoshi: *See*—
  - Hamada, Takuji; Takahashi, Masahiro; Mizokawa, Sadao; Fushimi, Hitoshi; and Yasumoto, Seiichi, 4,530,085, Cl. 370-15.000.
  - Mizokawa, Sadao; Hamada, Takuji; Tomizawa, Hiroshi; and Fushimi, Hitoshi, 4,510,494, Cl. 340-825.050.
- Fushimi, Kazuo; Tsunakawa, Hirokazu; and Yonahara, Kunio, to Kabushiki Kaisha Meidensha. Electrically conductive plastic complex material. 4,551,267, 11-5-85, Cl. 252-511.000.
- Fushimi, Satoru: *See*—
  - Hara, Yasuhiko; Akiyama, Nobuyuki; Fushimi, Satoru; Oshima, Yoshimasa; and Aoki, Nobuhiko, 4,508,453, Cl. 356-394.000.
- Fushimoto, Hideo; Toyomura, Shigeru; Nishimuro, Yoshiaki; Asakura, Osamu; and Rachi, Masahiro, to Canon Kabushiki Kaisha. Foldable electronic apparatus. 4,517,660, 5-14-85, Cl. 364-708.000.
- Fushimoto, Hideo, to Canon Kabushiki Kaisha. Electronic apparatus having printing mechanism. 4,532,529, 7-30-85, Cl. 346-136.000.
- Fushimoto, Hideo: *See*—
  - Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, 4,535,416, Cl. 364-715.000.
- Fushiya, Fusao; and Miyamoto, Kazuyuki, to Makita Electric Works, Ltd. Bolt tightening tool. 4,503,736, 3-12-85, Cl. 81-55.000.
- Fushiya, Fusao; and Iwatuki, Takao, to Makita Electric Works, Ltd. Electrically-powered tool. 4,504,769, 3-12-85, Cl. 318-345.00H.
- Fushiya, Fusao; Inoue, Nobuhiro; and Saito, Setsuo, to Makita Electric Works, Ltd. Lawn mower. 4,527,380, 7-9-85, Cl. 56-12.800.
- Fusion Semiconductor Systems: *See*—
  - Matthews, John C., 4,548,688, Cl. 204-159.180.
- Fusion Systems Corporation: *See*—
  - Matthews, John C.; Ury, Michael G.; Wood, Charles H.; and Greenblatt, Marshal, 4,532,427, Cl. 250-492.200.
  - Mueller, Peter; Ury, Michael G.; and Wood, Charles H., 4,501,993, Cl. 315-248.000.
  - Ury, Michael G.; Wood, Charles H.; and Ryan, Patrick J., 4,504,768, Cl. 315-248.000.
  - Wood, Charles H.; and Ury, Michael G., 4,507,587, Cl. 315-39.000.
- Fuso Keigokin Co., Ltd.: *See*—
  - Doi, Hachiro; and Yaegashi, Masayuki, 4,520,619, Cl. 56-320.100.
- Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M. Trash seeder. 4,506,609, 3-26-85, Cl. 111-52.000.
- Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M. Seed and/or fertilizer distributor. 4,514,114, 4-30-85, Cl. 406-65.000.
- Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M. Seeder cart attachment to agricultural implements. 4,558,882, 12-17-85, Cl. 280-476.00A.
- Fuss, Eric W.: *See*—
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,506,609, Cl. 111-52.000.
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,514,114, Cl. 406-65.000.
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,558,882, Cl. 280-476.00A.
- Fuss, Jarvis R.: *See*—
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,506,609, Cl. 111-52.000.
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,514,114, Cl. 406-65.000.
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,558,882, Cl. 280-476.00A.
- Fuss, Larry N.: *See*—
  - MacNitt, Donald G., Jr.; and Fuss, Larry N., 4,527,410, Cl. 72-306.000.
- Fuss, Peter: *See*—
  - Sucrow, Wolfgang; Schatull, Wolfgang; and Fuss, Peter, 4,537,698, Cl. 252-299.610.
- Fuss, Peter S.; and Kosner, Jerry J., to Tellabs, Inc. Universal circuit module mounting structure. 4,498,123, 2-5-85, Cl. 361-427.000.

- Fuss, Roy M.: *See—*
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,506,609, Cl. 111-52.000.
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,514,114, Cl. 406-65.000.
  - Fuss, Albert K.; Fuss, Eric W.; Fuss, Jarvis R.; and Fuss, Roy M., 4,558,882, Cl. 280-476.00A.
- Fussell, Delbert D.; and Yellig, William F., Jr., to Standard Oil Company, The. Miscible flooding with displacing fluid containing additive compositions. 4,557,330, 12-10-85, Cl. 166-274.000.
- Fussell, Theodore J., to Thermometrics Inc. Pressure and temperature sensor. 4,554,927, 11-26-85, Cl. 128-670.000.
- Fussl, Erwin; and Ranner, Max, to Maerz Ofenbau AG. Process and apparatus for calcining limestone. 4,534,731, 8-13-85, Cl. 432-14.000.
- Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, to Robert Bosch GmbH. Fuel injection nozzle for internal combustion engines. 4,516,729, 5-14-85, Cl. 239-453.000.
- Fussner, Paul, to Robert Bosch GmbH. Fuel injection nozzle for internal combustion engines. 4,516,730, 5-14-85, Cl. 239-533.800.
- Fussner, Paul: *See—*
  - Backe, Egbert; Muller, Rolf; Otto, Dieter; Leonardi, Cornelio; Kochendorfer, Heinrich; Fussner, Paul; Walker, Ewald; and Rommel, Rudi, 4,499,757, Cl. 73-119.00A.
  - Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, 4,501,252, Cl. 123-502.000.
- Fustier, Patrick; and Dale, Ronald R., to General Foods Inc. Citrus flavored beverage in polyethylene containers. 4,529,606, 7-16-85, Cl. 426-330.300.
- Futaba Denshi Kogyo K.K.: *See—*
  - Imazeki, Hiroyuki, 4,547,971, Cl. 33-169.00R.
  - Morimoto, Kiyoshi; and Takagi, Toshinori, 4,500,741, Cl. 136-206.000.
  - Morimoto, Kiyoshi; and Takagi, Toshinori, 4,500,742, Cl. 136-206.000.
  - Morimoto, Kiyoshi; and Takagi, Toshinori, 4,523,211, Cl. 357-4.000.
  - Morimoto, Kiyoshi; and Takagi, Toshinori, 4,535,195, Cl. 136-261.000.
  - Morimoto, Kiyoshi; and Takagi, Toshinori, 4,539,054, Cl. 148-403.000.
  - Morimoto, Kiyoshi; and Watanabe, Hiroshi, 4,540,983, Cl. 340-772.000.
  - Morimoto, Kiyoshi; and Watanabe, Hiroshi, 4,542,317, Cl. 313-496.000.
  - Morimoto, Kiyoshi; and Takagi, Toshinori, 4,559,901, Cl. 118-723.000.
  - Nakamura, Iwao, 4,555,840, Cl. 29-465.000.
- Futagami, Nobuhiro: *See—*
  - Tanaka, Kunihiro; and Futagami, Nobuhiro, 4,547,146, Cl. 431-180.000.
- Futagawa, Toshinobu, to Advanced Technology Business Creation, Inc. Apparatus for driving tapes. 4,523,725, 6-18-85, Cl. 242-58.000.
- Futagawa, Tosinobu. Apparatus for driving tapes. 4,558,831, 12-17-85, Cl. 242-55.000.
- Futagi, Masaaki: *See—*
  - Suga, Masaaki; Morimoto, Yoshiro; Hamada, Hideo; Futagi, Masaaki; and Suzuki, Tadashi, 4,539,869, Cl. 74-866.000.
  - Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Futagi, Masaaki, 4,499,979, Cl. 192-3.310.
- Futaire Limited: *See—*
  - Toll, Ian C., 4,498,649, Cl. 244-118.600.
- Futakawa, Akemi: *See—*
  - Fukunaga, Tokio; Futakawa, Akemi; and Kiso, Mataichiro, 4,502,329, Cl. 73-573.000.
  - Ito, Toshio; Futakawa, Akemi; and Nakazaki, Osamu, 4,530,477, Cl. 244-153.00R.
  - Kiso, Mataichiro; Futakawa, Akemi; and Fukunaga, Tokio, 4,534,206, Cl. 73-12.000.
- Futaki, Kenji; and Dekura, Hitoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic copying machine. 4,500,971, 2-19-85, Cl. 364-513.500.
- Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, to Sumitomo Metal Industries, Ltd.; and Sumitomo Heavy Industries, Ltd. Waste gas circulation method and system for sintering apparatus. 4,536,211, 8-20-85, Cl. 75-5.000.
- Futakuchi, Tomoaki, to Murata Manufacturing Co., Ltd. FM demodulator with selective phase shift circuits. 4,562,404, 12-31-85, Cl. 329-118.000.
- Futami, Ryuhei: *See—*
  - Yokogawa, Tetsuya; Futami, Ryuhei; and Kawahara, Saburo, 4,528,001, Cl. 55-37.000.
- Futami, Shunichi: *See—*
  - Watanabe, Kazuhiro; Yoshikawa, Sakae; and Futami, Shunichi, 4,543,372, Cl. 523-109.000.
- Futami, Toru: *See—*
  - Kishi, Norimasa; Noso, Kazunori; and Futami, Toru, 4,506,377, Cl. 381-41.000.
  - Noso, Kazunori; Kishi, Norimasa; Futami, Toru; Nomura, Hiroyuki; and Shiraishi, Yasuhiro, 4,506,378, Cl. 381-43.000.
  - Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,528,687, Cl. 381-43.000.
  - Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,531,228, Cl. 381-46.000.
  - Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,532,648, Cl. 381-41.000.
  - Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,558,459, Cl. 381-43.000.
- Futami, Toshihiko: *See—*
  - Ogino, Makoto; Futami, Toshihiko; Kariya, Michio; Ichimura, Takeo; and Fujiu, Takamitsu, 4,497,629, Cl. 433-201.000.
- Futami, Toshio; Yoshimoto, Shoji; and Yano, Ryuji, to Hitachi, Ltd. Cassette type magnetic bubble memory device. 4,498,152, 2-5-85, Cl. 365-1.000.
- Futami, Toshio: *See—*
  - Akiba, Yutaka; Futami, Toshio; and Suda, Teruo, 4,546,210, Cl. 174-114.00R.
- Futamura, Osamu: *See—*
  - Oshima, Masao; Kato, Yutaka; Ogasawara, Mitsuhiko; and Futamura, Osamu, 4,512,936, Cl. 261-93.000.
- Futamura, Setsuo: *See—*
  - Kunimasa, Koichi; Futamura, Setsuo; and Okada, Jun, 4,507,782, Cl. 371-32.000.
- Futamura, Shoji: *See—*
  - Takahashi, Kenichi; Hirano, Koichi; and Futamura, Shoji, 4,543,050, Cl. 425-28.00D.
  - Yoda, Yasutada; Sueyasu, Seisuke; and Futamura, Shoji, 4,553,918, Cl. 425-46.000.
- Futatsudera, Masaomi: *See—*
  - Fujinuma, Makoto; Futatsudera, Masaomi; and Harigae, Makoto, 4,491,763, Cl. 313-405.000.
- Futatsuishi, Shunichi; Fujita, Shozo; and Takushima, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Movable display apparatus. 4,495,719, 1-29-85, Cl. 40-590.000.
- Futatsuya, Fumio: *See—*
  - Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, 4,531,964, Cl. 71-92.000.
  - Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, 4,561,880, Cl. 71-92.000.
- Futekov, Lyubomir P.; Bekyarov, Georgi L.; and Parichkova, Rina G., to Nauchno-Proizvodstveno Predpriyatie "Balkan". Device for pulse dosage of liquid microsamples into the flame of atom absorption spectrophotometer. 4,494,871, 1-22-85, Cl. 356-315.000.
- Futkatsu, Shunzo: *See—*
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Futkatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,497,811, Cl. 514-231.000.
- Futterer, Augustin, to Siemens Aktiengesellschaft. Voltage-controlled oscillator with surface-wave transmission line. 4,560,951, 12-24-85, Cl. 331-107.00A.
- Futterknecht, Fritz: *See—*
  - Nebelung, Hermann H.; and Futterknecht, Fritz, 4,529,432, Cl. 65-260.000.
  - Nebelung, Hermann H.; and Futterknecht, Fritz, 4,530,711, Cl. 65-260.000.
- Futurdent Industries Inc.: *See—*
  - Prasad, Arun, 4,526,221, Cl. 164-289.000.
- Future Tech, Inc.: *See—*
  - Bennett, James W.; Howe, Gary L.; Jaakola, Kenneth A.; and Koutavas, Samuel G., 4,506,138, Cl. 219-205.000.
- Futures Unlimited, Inc.: *See—*
  - Acson, Paul; and Esposito, Anthony, 4,531,310, Cl. 40-1.500.
- Fuwa, Shigehiro: *See—*
  - Shiba, Kazuo; and Fuwa, Shigehiro, 4,546,573, Cl. 51-165.720.
  - Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, 4,536,993, Cl. 51-165.800.
- Fuwa, Yoshio: *See—*
  - Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, 4,548,126, Cl. 92-213.000.
- Fuwesi, Peter. Method and apparatus for inner lining metallic bearing lugs. 4,527,039, 7-2-85, Cl. 219-76.140.
- Fuwesi, Peter. Apparatus for restoring the surfaces surrounding the bores of metallic workpieces. 4,550,235, 10-29-85, Cl. 219-76.140.
- Fuyama, Moriaki; Tamura, Katsumi; Morijiri, Makoto; Sawahata, Mamoru; and Hachino, Hiroaki, to Hitachi, Ltd. Display panel. 4,543,573, 9-24-85, Cl. 340-781.000.
- Fuzishiro, Tuneo: *See—*
  - Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,499,929, Cl. 141-1.100.
  - Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,548,882, Cl. 429-211.000.
- Fuziwara, Osami: *See—*
  - Ito, Katsumi; and Fuziwara, Osami, 4,537,271, Cl. 180-131.000.
- Fuzzell, Joe E., to Caterpillar Tractor Co. Latching solenoid. 4,494,096, 1-15-85, Cl. 335-170.000.
- Fyfe, Donald W.; and Hoyt, Franklin S., to Solar Decisions, Inc. Solar energy storage and distribution system with heat pump assist. 4,527,618, 7-9-85, Cl. 165-18.000.
- Fyfe, Donald W.: *See—*
  - Wurst, William C.; and Fyfe, Donald W., 4,494,526, Cl. 126-419.000.
- G. A. Braun Inc.: *See—*
  - Southwick, Theron E.; and Mitchell, John W., 4,561,268, Cl. 68-210.000.
- G.A.M.E.S.: *See—*
  - Cuny, Bernard G., 4,533,026, Cl. 188-184.000.

G.A. Pfleiderer GmbH & Co. KG: *See—*
Rother, Bruno; and Trommen, Hartmut, 4,515,547, Cl. 425-215.000.
G.A. Serlachius Oy: *See—*
Larikka, Leo, 4,503,693, Cl. 72-71.000.
G. B. Boucherie, Firma: *See—*
Boucherie, Leonel P., 4,527,838, Cl. 300-7.000.
G-C Dental Industrial Corp.: *See—*
Ohi, Nobukazu; Ohno, Koji; and Tosaki, Satoshi, 4,526,619, Cl. 106-35.000.
Ohi, Nobukazu; Ohno, Koji; and Kamohara, Hiroshi, 4,550,030, Cl. 427-2.000.
Ohno, Koji; Ohi, Nobukazu; and Hayashi, Syohei, 4,546,006, Cl. 427-2.000.
Sato, Atsushige; Miura, Ishi; Kumei, Yasuhiro; Okuno, Osamu; Nakano, Tsuyoshi; and Yoshida, Bunsaku, 4,528,034, Cl. 75-255.000.
Shimokobe, Hirokata; Saito, Sueo; Tomioka, Kentaro; Akahane, Shoji; and Hirota, Kazuo, 4,524,824, Cl. 106-35.000.
Watanabe, Kazuhiro; Yoshikawa, Sakae; and Futami, Shunichi, 4,543,372, Cl. 523-109.000.
G. D. Hanna Incorporated: *See—*
Hanna, Gary D., 4,491,166, Cl. 160-351.000.
Hanna, Gary D., 4,531,564, Cl. 160-351.000.
G. D. Searle & Co.: *See—*
Adelstein, Gilbert W.; and Chorvat, Robert J., 4,560,754, Cl. 544-282.000.
Baran, John S.; and Liang, Chi-Dean, 4,499,289, Cl. 549-292.000.
Brewer, Stephen J.; and Sassenfeld, Helmut M., 4,532,207, Cl. 435-68.000.
Chorvat, Robert J.; Lenz, George R.; and Evans Radak, Suzanne, 4,500,708, Cl. 544-34.000.
Chorvat, Robert J.; and Desai, Bipinchandra N., 4,554,353, Cl. 546-208.000.
Collins, Paul W.; and Gasiecki, Alan F., 4,499,296, Cl. 560-118.000.
Collins, Paul W.; and Weier, Richard M., 4,529,812, Cl. 560-121.000.
Collins, Paul W.; Gasiecki, Alan F.; and Weier, Richard M., 4,536,592, Cl. 560-53.000.
Colliopoulos, John A.; Paul, David B.; and Young, James G., 4,548,806, Cl. 424-35.000.
Dryden, Hugh L., Jr; and Hill, John B., 4,555,362, Cl. 260-112.50R.
Garland, Robert B., 4,496,485, Cl. 260-351.100.
Gaull, Gerald E., 4,545,977, Cl. 424-10.000.
Golant, Victor; Hsia, David; and Taylor, William, Jr., 4,532,155, Cl. 427-213.000.
Hansen, Donald W., Jr.; Jones, David A., Jr.; Mazur, Robert H.; and Schlatter, James M., 4,495,178, Cl. 514-17.000.
Hansen, Donald W., Jr.; and Papaioannou, Stamatios, 4,510,085, Cl. 260-112.50E.
Hansen, Donald W., Jr.; Baran, John S.; and Owens, William H., 4,514,332, Cl. 260-112.50E.
Hill, John B.; and Erickson, Robert A., 4,529,811, Cl. 560-121.000.
Lowrie, Harman S.; and Baran, John S., 4,554,359, Cl. 549-231.000.
McCullagh, Keith G.; Wadsworth, Harry J.; and Hann, Michael M., 4,511,504, Cl. 260-112.50R.
Miyano, Masateru; Villamil, Clara I.; and Shone, Robert L., 4,546,194, Cl. 549-401.000.
Moormann, Alan E.; Pitzele, Barnett S.; and Jones, Peter H., 4,523,020, Cl. 548-353.000.
Mueller, Richard A.; and Partis, Richard A., 4,499,295, Cl. 560-53.000.
Mueller, Richard A.; and Partis, Richard A., 4,501,895, Cl. 548-239.000.
Mueller, Richard A.; and Partis, Richard A., 4,551,279, Cl. 260-404.000.
Mueller, Richard A., 4,559,336, Cl. 514-211.000.
Mueller, Richard A., 4,559,337, Cl. 514-211.000.
Nysted, Leonard N., 4,495,102, Cl. 260-239.500.
Nysted, Leonard N.; and Pappo, Raphael, 4,540,801, Cl. 549-465.000.
Pitzele, Barnett S.; Yu, Stella S. T.; Hamilton, Robert W.; and Moormann, Alan E., 4,533,739, Cl. 548-559.000.
Wagner, Hans, 4,562,192, Cl. 514-258.000.
G.D. Societa per Azioni: *See—*
Belvederi, Bruno, 4,535,693, Cl. 101-366.000.
Gamberini, Antonio, 4,559,758, Cl. 53-207.000.
Mattei, Riccardo, 4,497,143, Cl. 51-248.000.
Mattei, Riccardo, 4,519,406, Cl. 131-94.000.
Mattei, Riccardo; and Dall'Osso, Gastone, 4,531,627, Cl. 198-420.000.
Mattei, Riccardo; and Osti, Roberto, 4,555,281, Cl. 156-64.000.
Seragnoli, Enzo, 4,499,909, Cl. 131-84.00R.
Seragnoli, Enzo, 4,506,779, Cl. 198-461.000.
Seragnoli, Enzo, 4,507,908, Cl. 53-498.000.
Seragnoli, Enzo, 4,511,045, Cl. 209-535.000.
Seragnoli, Enzo; and Mattei, Riccardo, 4,517,871, Cl. 83-677.000.
Seragnoli, Enzo, 4,519,405, Cl. 131-94.000.
Seragnoli, Enzo, 4,522,295, Cl. 198-493.000.
Seragnoli, Enzo, 4,524,781, Cl. 131-108.000.
Seragnoli, Enzo; and Neri, Armando, 4,524,784, Cl. 131-281.000.
Seragnoli, Enzo; and Neri, Armando, 4,524,785, Cl. 131-281.000.
Seragnoli, Enzo; and Dall'Osso, Gastone, 4,528,801, Cl. 53-494.000.
Seragnoli, Enzo; Mattei, Riccardo; and Dall'Osso, Gastone, 4,531,629, Cl. 198-458.000.
Seragnoli, Enzo, 4,534,253, Cl. 83-336.000.
Seragnoli, Enzo, 4,541,221, Cl. 53-396.000.
Seragnoli, Enzo; and Gamberini, Antonio, 4,545,488, Cl. 209-535.000.
Seragnoli, Enzo, 4,557,277, Cl. 131-84.300.
G.E.M.M. Manufacturing: *See—*
Henderson, George H., 4,550,739, Cl. 131-247.000.
G & G Sewing Machine Co., Inc.: *See—*
Cusumano, Salvatore V., 4,524,704, Cl. 112-105.000.
G&G Solar, Inc.: *See—*
Leroy, Vernon A.; Gaedtke, Harold D.; and Gaedtke, Harold D., 4,546,756, Cl. 126-424.000.
G & H Montage GmbH: *See—*
Kuckein, Wilfried; Mylius, Albert; Bechtel, Peter; and Hofer, Adalbert, 4,535,017, Cl. 428-77.000.
G.I.E. Technistan: *See—*
Guillon, Henri, 4,530,186, Cl. 49-441.000.
G & L Corporation: *See—*
Loechner, Steven R., 4,502,569, Cl. 187-17.000.
G. L. Rexroth GmbH: *See—*
Schulte, Heinz, 4,519,296, Cl. 91-388.000.
G.M. Pfaff AG: *See—*
Klundt, Kurt, 4,539,922, Cl. 112-221.000.
G. O. Stumpf GmbH & Co. Kommanditgesellschaft: *See—*
Buss, Albert, 4,493,460, Cl. 242-58.600.
G Q Games, Inc.: *See—*
Racich, John J., 4,531,642, Cl. 211-42.000.
G.R. Systems, Inc.: *See—*
Johnson, Neil A.; and Taylor, Philip A., 4,533,423, Cl. 156-359.000.
G. Rau GmbH & Co.: *See—*
Geibig, Karl F.; Schwab, Adolf; and Stockel, Dieter, 4,553,063, Cl. 313-325.000.
Tautzenberger, Peter; Schneider, Friedrich; and Stoeckel, Dieter, 4,554,027, Cl. 148-11.50R.
G. S. Blodgett Co., Inc.: *See—*
Smith, Robert C.; and Cox, A. Benns, II, 4,516,012, Cl. 219-400.000.
G. Siempelkamp GmbH & Co.: *See—*
Huydts, Eduard J. C., 4,523,521, Cl. 100-259.000.
G.T.M.-Entrepose: *See—*
Augoyard, Jean-Pierre, 4,560,424, Cl. 148-150.000.
G & W Electric Company: *See—*
Fox, James W.; and Hill, Robert J., 4,517,407, Cl. 174-73.00R.
Fox, James W.; Moery, Ronald J.; and Banas, Kenneth P., 4,532,394, Cl. 200-275.000.
Selsing, Jorgen, 4,497,975, Cl. 174-19.000.
G. W. Galloway Company, Inc.: *See—*
Galloway, James J.; and Blanchard, Albert E., 4,526,346, Cl. 254-122.000.
G. W. Lisk Company, Inc.: *See—*
Clark, Bruce D., 4,539,542, Cl. 335-261.000.
GA Technologies Inc.: *See—*
Creedon, Richard L., 4,510,972, Cl. 137-625.280.
Franklin, LeRoy H., 4,516,182, Cl. 361-13.000.
Moeller, Charles P., 4,523,127, Cl. 315-4.000.
Ohkawa, Tihiro, 4,543,231, Cl. 376-133.000.
Ohkawa, Tihiro, 4,560,528, Cl. 376-121.000.
Purcell, John R., 4,528,609, Cl. 361-19.000.
Simnad, Massoud T., 4,493,809, Cl. 376-171.000.
Woolf, Lawrence D., 4,541,411, Cl. 126-390.000.
Yampolsky, Jack S.; and Peszeszer, Endre F., 4,501,948, Cl. 219-121.0LC.
Ga-Vehren Engineering Company: *See—*
Hoffstetter, Armand C. L.; and Cason, Charles K., 4,549,729, Cl. 270-53.000.
GAA Engineered Systems, Inc.: *See—*
Goar, B. Gene, 4,552,747, Cl. 423-574.00R.
Gaa, Peter C., to PPG Industries, Inc. Chemically treated glass fibers and strands and dispersed products thereof. 4,542,065, 9-17-85, Cl. 428-391.000.
Gaal, Sandor: *See—*
Gorog, Katalin; Dudar, Erzebet; Gardi, Ivan; Kocsis, Maria; Gaal, Sandor; and Tasnadi, Marta, 4,511,714, Cl. 548-215.000.
Gaalema, Stephen D., to Hughes Aircraft Company. Backside illuminated blocked impurity band infrared detector. 4,507,674, 3-26-85, Cl. 357-30.000.
Gaarde, Knud-Werner: *See—*
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Gabanou, Roland: *See—*
Reymond, Jean-Claude; Bertrand, Gilles; and Gabanou, Roland, 4,494,201, Cl. 364-449.000.
Gabard, Bernard L.: *See—*
Jaggy, Hermann E. W.; Chatterjee, Shyam S.; and Gabard, Bernard L., 4,528,289, Cl. 514-285.000.
Gabbay, Shlomo. Heart valve. 4,491,986, 1-8-85, Cl. 3-1.500.
Gabbay, Shlomo, to Shelhigh Inc. Method of and means for intraaortic assist. 4,527,549, 7-9-85, Cl. 128-1.00D.
Gabe, Julian: *See—*
Pikarski, Michael; Gabe, Julian; and Dykman, Edmund, 4,537,992, Cl. 564-437.000.
Gabel, Edward R.; Puumala, Edward J.; and LeVasseur, Rodney J., to Data Card Corporation. Magnetic stripe character applying module. 4,518,853, 5-21-85, Cl. 235-449.000.
Gabel, Eike; Blank, Heinz U.; and Behre, Horst, to Bayer Aktiengesellschaft. Process for the simultaneous recovery of 4-hydroxy-diphenyl and 4,4'-dihydroxydiphenyl. 4,538,007, 8-27-85, Cl. 568-751.000.

- Gabel, Robert A.: *See—*
  - Kurth, Richard R.; and Gabel, Robert A., 4,544,927, Cl. 343-373.000.
- Gabelli, Antonio: *See—*
  - Bras, Johan C. M.; and Gabelli, Antonio, 4,545,692, Cl. 384-477.000.
- Gaber, Ira; and Lawrence, Harry E., III, to J. C. Penney Company, Inc. Infant seat for cantilevered mounting onto a tabletop. 4,530,539, 7-23-85, Cl. 297-174.000.
- Gabillet, Jean-Francois, to Jeumont-Schneider Corporation. Method and apparatus for determination of the state of an all-or-none modulated alternating signal in a perturbed environment. 4,555,791, 11-26-85, Cl. 375-58.000.
- Gable, Melvin G.; Sherman, Richard H.; and Yuan, Fumin, to Ford Motor Company. Data communication system. 4,550,402, 10-29-85, Cl. 370-85.000.
- Gable, Stewart V.: *See—*
  - King, Francis G.; and Gable, Stewart V., 4,554,824, Cl. 73-117.000.
- Gabor, Martin P.: *See—*
  - Neuburger, Werner; and Gabor, Martin P., 4,505,061, Cl. 40-489.000.
- Gabor, Thomas; Broberg, David E.; Dierssen, Gunther H.; and Rowenhorst, Donley D., to Minnesota Mining and Manufacturing Company. Granular silicon carbide abrasive grain coated with refractory material, method of making the same and articles made therewith. 4,505,720, 3-19-85, Cl. 51-295.000.
- Gabriel, Albert L. Clutch actuating system. 4,533,030, 8-6-85, Cl. 192-0.052.
- Gabriel, Alfred P.: *See—*
  - Clark, James A.; and Gabriel, Alfred P., 4,512,206, Cl. 74-10.540.
- Gabriel, Edwin Z. Techniques for safely unloading cargo. 4,536,024, 8-20-85, Cl. 294-82.240.
- Gabriel, Guy: *See—*
  - Bothorel, Pierre; Bernon, Roland; and Gabriel, Guy, 4,549,812, Cl. 366-142.000.
- Gabriel Microwave Systems, Limited: *See—*
  - Sheridan, Richard B.; and Bogue, Robert W., 4,502,332, Cl. 73-661.000.
- Gabriel, Rudolf: *See—*
  - Lehmann, Ulrich; and Gabriel, Rudolf, 4,491,892, Cl. 361-101.000.
- Gabriele, Leonard A., to Lear Siegler, Inc. Pot broach. 4,518,289, 5-21-85, Cl. 409-244.000.
- Gabriele, Leonard A., to Lear Siegler, Inc. Broaching machine. 4,531,868, 7-30-85, Cl. 409-269.000.
- Gabriele, Louis: *See—*
  - Melillo, Anthony; and Gabriele, Louis, 4,515,361, Cl. 272-93.000.
  - Melillo, Anthony; and Gabriele, Louis, 4,550,907, Cl. 272-93.000.
- Gabriele, Peter D.; and Rademan, Jerry E., to Ciba-Geigy Corporation. Stabilized fungicide compositions. 4,552,885, 11-12-85, Cl. 514-316.000.
- Gabrielian, Henry, to EECO Incorporated. Quick release mounting. 4,547,016, 10-15-85, Cl. 297-194.000.
- Gabrielli, Andrea, to Lange International S.A. Inner lining for sports footwear having a rigid or semi-rigid shell structure. 4,523,392, 6-18-85, Cl. 36-10.000.
- Gabrielli, Luciano; and Sposini, Maurizio, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Interface for accessing a wideband bus handling speech and data traffic. 4,521,882, 6-4-85, Cl. 370-85.000.
- Gabrielli, Luciano; and Sposini, Maurizio, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Variable-band switching system for voice and data communication. 4,538,263, 8-27-85, Cl. 370-86.000.
- Gabrielsen, Rolf S.; Graham, Patricia A.; Klijanowicz, James E.; and Stern, Max H., to Eastman Kodak Company. Color-forming sulfonamidodiphenylamines and corresponding sulfonimide dyes. 4,499,304, 2-12-85, Cl. 564-92.000.
- Gabrielsen, Rolf S.; Graham, Patricia A.; and Klijanowicz, James E., to Eastman Kodak Company. Color-forming sulfonamidodiphenylamine dye precursor that produces phenazine dye. 4,507,479, 3-26-85, Cl. 544-348.000.
- Gabrielsen, Rolf S., to Eastman Kodak Company. Dye precursors and their use in photographic materials and processes. 4,552,980, 11-12-85, Cl. 564-79.000.
- Gabrielsson, Lars, to Lycksele NYA Platprodukter AB. Bed rocking mechanism. 4,490,867, 1-1-85, Cl. 5-509.000.
- Gaccetta, Carl M.; and Lutz, Terry J., to International Business Machines Corporation. Reel package. 4,491,222, 1-1-85, Cl. 206-394.000.
- Gacek, John J. Beverage lid cutter. 4,513,502, 4-30-85, Cl. 30-229.000.
- Gach, Paul. Coolant supply apparatus for a grinding tool. 4,516,357, 5-14-85, Cl. 51-98.00R.
- Gachegov, Ivan G., deceased: *See—*
  - Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.
- Gachegova, Lidia T., administrator: *See—*
  - Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.
- Gadberry, Donald L.: *See—*
  - Kranz, Max L.; and Gadberry, Donald L., 4,498,471, Cl. 128-204.260.
- Gadbois, Gerald W.: *See—*
  - Whitely, Elliot F.; Devoe, Richard A.; and Gadbois, Gerald W., 4,499,134, Cl. 428-102.000.
- Gadd, Rolf K.; and Sund-Hagelberg, Anna C., to Boliden Aktiebolag. Method of purifying waste aqueous solutions from heavy metals. 4,503,017, 3-5-85, Cl. 423-87.000.
- Gaddi, Bruno, to Piaggio & C. S.p.A. Bearing body for motorcycle. 4,523,660, 6-18-85, Cl. 180-228.000.
- Gaddi, Roberto, to Fataluminium S.p.A. Centrifugal casting device. 4,492,264, 1-8-85, Cl. 164-292.000.
- Gaddy, William L. Off-set bottom bakery pan renovation process. 4,561,283, 12-31-85, Cl. 72-414.000.
- Gadefelt, Bengt G.; and Enlund, Birger S. I., to Saab-Scania Aktiebolag. Arrangement in a heavy motor vehicle to achieve relative rotation in a conduit connection. 4,505,348, 3-19-85, Cl. 180-89.140.
- Gadelius Kabushiki Kaisha: *See—*
  - Okamoto, Eiji; Fukaya, Yasuhiro; and Chikami, Michio, 4,537,247, Cl. 165-104.140.
- Gademann, Lothar: *See—*
  - Buchschmid, Emil; Gademann, Lothar; Hirt, Adam; Huttinger, Manfred; Jahn, Hans P.; Orova, Josef; Schmid, Hans-Dieter; and Steffen, Horst-Gunter, 4,561,410, Cl. 123-599.000.
  - Michel, Hartmut; Gademann, Lothar; and Jesse, Erich, 4,539,492, Cl. 307-315.000.
- Gaden, David W.; and Habas, Ted C., to General Motors Corporation. Vehicle body lamp mounting arrangement. 4,532,578, 7-30-85, Cl. 362-83.000.
- Gadgill, Balkrishna B.: *See—*
  - Obrist, Albert; and Gadgill, Balkrishna B., 4,508,690, Cl. 423-173.000.
- Gadian, David G.: *See—*
  - Radda, George K.; Waterton, John C.; and Gadian, David G., 4,528,509, Cl. 324-309.000.
- Gadonna, Michel P.; and Kastler, Joel R. Test system and device for locating short circuits and open circuits in a two-lead line. 4,528,427, 7-9-85, Cl. 179-175.30F.
- Gadsby, Larry R.: *See—*
  - Platter, Sanford; Durand, Charles A.; and Gadsby, Larry R., 4,555,077, Cl. 242-198.000.
- Gadzhiev, Yashar A. O.: *See—*
  - Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.
- Gaede, Hans: *See—*
  - Sewell, James H.; Gaede, Hans; and Ritch, Curtis R., 4,515,299, Cl. 223-76.000.
- Gaedtke, Harold D.: *See—*
  - Leroy, Vernon A.; Gaedtke, Harold D.; and Gaedtke, Harold D., 4,546,756 Cl. 126-424.000.
  - Leroy, Vernon A.; Gaedtke, Harold D.; and Gaedtke, Harold D., 4,546,756, Cl. 126-424.000.
- Gaehring, David P.; and Scanlon, John V., to Campbell Soup Company. Texture preservation for diced fresh food products using gelled polyuronic acids. 4,504,504, 3-12-85, Cl. 426-321.000.
- Gaehring, David P.; Krystek, Edward H.; and Hildebolt, William M., to Campbell Soup Company. Process for preparing quick cooking semimoist pasta and product thereof. 4,529,609, 7-16-85, Cl. 426-532.000.
- Gaehring, David P., to Campbell Soup Company. Process for preparing tomato products of increased consistency. 4,556,576, 12-3-85, Cl. 426-615.000.
- Gaeng, Manfred: *See—*
  - Hackenberger, Alfred; Patsch, Manfred; and Gaeng, Manfred, 4,506,089, Cl. 560-020.000.
  - Husslein, Gerd; Hamprecht, Gerhard; Koenig, Karl-Heinz; Boehm, Walter; and Gaeng, Manfred, 4,515,985, Cl. 562-472.000.
- Gaensslen, Hans: *See—*
  - Eisenlohr, Karl-Heinz; Gaensslen, Hans; Kriebel, Manfred; and Tanz, Heiner, 4,515,604, Cl. 48-197.00R.
- Gaeta, Federico C. A.: *See—*
  - Andrews, David R.; and Gaeta, Federico C. A., 4,556,655, Cl. 514-222.000.
- Gaetani, Quintino: *See—*
  - Jacquet, Bernard; Papantoniou, Christos; and Gaetani, Quintino, 4,545,981, Cl. 424-61.000.
- Gaewsky, John P.; and Murray, Joseph E., Jr., to Polaroid Corporation. Two zone infrared ranging system. 4,502,773, 3-5-85, Cl. 354-403.000.
- GAF Corporation: *See—*
  - Barabas, Eugene S., 4,517,023, Cl. 134-4.000.
  - Barabas, Eugene S.; and Cho, James R., 4,520,179, Cl. 526-212.000.
  - Barabas, Eugene S.; and Cho, James R., 4,520,180, Cl. 526-212.000.
  - Barabas, Eugene S., 4,521,253, Cl. 134-3.000.
  - Barabas, Eugene S.; and Cho, James R., 4,554,311, Cl. 524-808.000.
  - Barabas, Eugene S.; and Cho, James R., 4,554,312, Cl. 524-808.000.
  - Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., 4,513,045, Cl. 428-137.000.
  - Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., 4,543,158, Cl. 162-145.000.
  - Cho, James R.; and Johnson, Stephen C., 4,524,061, Cl. 424-60.000.
  - Golder, Michael D., 4,520,148, Cl. 524-100.000.

Golder, Michael D., 4,520,149, Cl. 524-100.000.
Golder, Michael D., 4,520,150, Cl. 524-100.000.
Hashem, Mohamed M., 4,524,002, Cl. 252-8.50C.
Lewis, David F., 4,513,076, Cl. 430-270.000.
Lewis, David F., 4,542,090, Cl. 430-296.000.
Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., 4,523,004, Cl. 528-76.000.
Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., 4,549,007, Cl. 528-76.000.
Liu, Kou-Chang, 4,543,426, Cl. 564-442.000.
Lorenz, Donald H.; Murphy, Edward J.; and Rutherford, John M., Jr., 4,521,404, Cl. 424-71.000.
Nelsen, Suzanne B., 4,539,356, Cl. 524-166.000.
Richardson, John J., 4,527,509, Cl. 418-650.000.
Whichard, Matthew C., 4,542,068, Cl. 428-290.000.
Williams, Earl P.; and Wood, Lindley S., 4,514,271, Cl. 204-159.150.

Gaffar, Abdul; Davis, Calvin B.; and Vasers, Margita L., to Colgate-Palmolive Company. Oral product for controlling gingivitis. 4,514,382, 4-30-85, Cl. 424-54.000.

Gaffar, Abdul; Davis, Calvin B.; Donohue, John J.; and Moy, Debbie, to Colgate-Palmolive Company. Peroxydiphosphate toothpaste composition. 4,537,765, 8-27-85, Cl. 424-53.000

Gaffney, Anne M., to Atlantic Richfield Company. Methane conversion. 4,499,323, 2-12-85, Cl. 585-500.000.

Gaffney, Anne M., to Atlantic Richfield Company. Methane conversion. 4,499,324, 2-12-85, Cl. 585-500.000.

Gaffney, Anne M., to Atlantic Richfield Company. Hydrocarbon dehydrogenation. 4,511,754, 4-16-85, Cl. 585-656.000

Gaffney, Anne M., to Atlantic Richfield Company. Hydrocarbon dehydrogenation. 4,560,823, 12-24-85, Cl. 585-654.000.

Gaffney, John, to Evans & Sutherland Computer Corp. Command language system for interactive computer. 4,539,638, 9-3-85, Cl. 364-300.000.

Gaffney, John E., Jr., to International Business Machines Corporation. Software cryptographic apparatus and method. 4,562,305, 12-31-85, Cl. 178-22.080.

Gaffre, Michel: *See—*
Kleinhans, Michel; and Gaffre, Michel, 4,528,062, Cl. 156-611.000.

Gafken, David M. Chiropractor's examination stool. 4,542,936, 9-24-85, Cl. 297-257.000.

Gafni, Giora: *See—*
Abileah, Adi; Gafni, Giora; and Simerman, Miguel O., 4,532,425, Cl. 250-363.00S.

Gagas, Donald F., to Centralab, Inc. Process for silver plating rotary contact assemblies. 4,559,703, 12-24-85, Cl. 29-876.000.

Gagas, Michael S.; and Gagas, Stanley J., to Adaptor, Inc. Gate valve adaptor. 4,534,378, 8-13-85, Cl. 137-367.000.

Gagas, Michael S. Butterfly valve adaptor. 4,556,081, 12-3-85, Cl. 137-366.000.

Gagas, Stanley J.: *See—*
Gagas, Michael S.; and Gagas, Stanley J., 4,534,378, Cl. 137-367.000.

Gage, Bobby D.: *See—*
Pittman, Homer F.; and Gage, Bobby D., 4,498,845, Cl. 417-545.000.

Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., to Xerox Corporation. Geometric design reproducing apparatus. 4,494,858, 1-22-85, Cl. 355-3.0TR.

Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., to Xerox Corporation. Electrostatic reproducing machine. 4,496,233, 1-29-85, Cl. 355-3.0TR.

Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., to Xerox Corporation. Toner transferring method and apparatus. 4,497,567, 2-5-85, Cl. 355-3.0TR.

Gage, Charles H.: *See—*
Jalil, Asjed A.; Winslow, Earl S., Jr.; and Gage, Charles H., 4,546,957, Cl. 266-106.000.

Gage, Clifford H., to Kowalczyk, Annette. Machine for manufacturing tackless strips. 4,513,901, 4-30-85, Cl. 227-49.000.

Gage, Richard J. Method and apparatus for processing optical tracking signals. 4,539,590, 9-3-85, Cl. 358-125.000.

Gagemaker, Inc.: *See—*
Frank, Jimmy L.; and Wolfe, John R., III, 4,524,524, Cl. 33-147.00M.

Gageur, Fritz; and Wohlgenannt, Horst, to Lindauer Dornier Gesellschaft mbH. Apparatus for treating lengths of materials with a gaseous medium. 4,498,250, 2-12-85, Cl. 34-155.000.

Gagliani, John; Sorathia, Usman A. K.; and Lee, Raymond, to I M L Corporation. Development of polyimide foams with blowing agents. 4,506,038, 3-19-85, Cl. 521-103.000.

Gagliani, John; and Long, John V. Polyimide compositions and foams and methods of making same. 4,546,115, 10-8-85, Cl. 521-77.000.

Gagliani, John; and Long, John V. Polyimide compositions and foams and methods of making same. 4,556,682, 12-3-85, Cl. 521-185.000

Gagliani, John: *See—*
Long, John V.; and Gagliani, John, 4,518,717, Cl. 521-109.100.
Long, John V.; and Gagliani, John, 4,539,336, Cl. 521-77.000.

Gagliano, Victor. Jack adapter for cradle supporting of vehicle differentials and transmissions. 4,549,722, 10-29-85, Cl. 254-134.000.

Gagliardi, Claudio: *See—*
Romano, Ugo; Renzi, Fiorenzo; Rivetti, Franco; and Gagliardi, Claudio, 4,521,577, Cl. 526-261.000.

Gagliardo, John P.; and Pruneau, Albert J., to Feecon Corporation. Proportioning system. 4,503,915, 3-12-85, Cl. 169-15.000.

Gagliardo, John P.; Morse, Donald K.; and Pruneau, Albert, Jr., to Feecon Corporation. Fire fighting turret. 4,535,846, 8-20-85, Cl. 169-25.000.

Gaglione, Stanley; and Stangel, John J., to Sperry Corporation. Method and apparatus for accurately setting phase shifters to commanded values. 4,532,518, 7-30-85, Cl. 343-372.000.

Gagnaire, Philippe: *See—*
Godard, Gerard; Joubert, Daniel; and Gagnaire, Philippe, 4,518,516, Cl. 252-91.000.

Gagne, Donald J., to Control Data Corporation. Releasable position-locking connector assembly. 4,508,418, 4-2-85, Cl. 339-253.00R.

Gagne, Pierre; Girardeau, Yvette; and Pointud, Bernard, to Rhone-Poulenc Specialites Chimiques. Sizing composition and method of making same and use thereof for sizing textile yarns. 4,539,366, 9-3-85, Cl. 524-507.000.

Gagne, Pierre; Girardeau, Yvette; and Pointud, Bernard, to Rhone-Poulenc Specialites Chimiques. Sizing composition and method of making same and use thereof for sizing textile yarns. 4,551,382, 11-5-85, Cl. 428-258.000.

Gagne, Pierre: *See—*
Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,519,844, Cl. 106-209.000.
Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,548,734, Cl. 252-311.300.

Gagne, Robert; and Tsai, Yih-Wan, to PPG Industries, Inc. Regenerator checker packing with enhanced transverse flow. 4,527,617, 7-9-85, Cl. 165-9.400.

Gagne, Robert, to PPG Industries, Inc. Enhanced pneumatic regenerator flow control. 4,540,361, 9-10-85, Cl. 432-30.000.

Gagne, Roger A.; and Orchard, Rolf O., to Puritan-Bennett Corporation. One-piece nebulizer jet. 4,509,688, 4-9-85, Cl. 239-338.000.

Gagnebin, Gaston, to Omega SA. Water tight watch-case. 4,493,562, 1-15-85, Cl. 368-294.000.

Gagnebin, Gaston, to Omega SA. Leak resistant watch casing having annular elastic element surrounding a casing ring which centers the watch movement relative to the casing. 4,529,323, 7-16-85, Cl. 368-291.000.

Gagnebin, Gaston: *See—*
Geiger, Michel; Gagnebin, Gaston; and Ackermann, Jacques, 4,544,284, Cl. 368-294.000.

Gagner, Michael J.: *See—*
Donahue, John M.; and Gagner, Michael J., 4,516,655, Cl. 180-321.000.

Gagneur, Klaus: *See—*
Franetzki, Manfred; Gagneur, Klaus; and Prestele, Karl, 4,559,037, Cl. 604-151.000.

Gagneux, Georges C., to Equipements Automobiles Marchal. Brush holder assembly for an electric motor. 4,559,465, 12-17-85, Cl. 310-242.000.

Gagnol, Jean-Pierre: *See—*
Wagnon, Jean; Gautier, Patrick; and Gagnol, Jean-Pierre, 4,522,824, Cl. 514-414.000.

Gagnon, Bertrand. Record removal and centering device for 45 r.p.m. device. 4,495,613, 1-22-85, Cl. 369-270.000.

Gagnon, James J., to J-W Operating Company. Control system for engine-driven compressor unit and method of operation thereof. 4,496,286, 1-29-85, Cl. 417-22.000.

Gagnon, Paul L. Portable beam clamp. 4,541,155, 9-17-85, Cl. 24-486.000.

Gagnon, Peter R.: *See—*
Blaisdell, Ronald G.; and Gagnon, Peter R., 4,500,948, Cl. 362-382.000.

Gagnon, Ralph J.; and Cedarstrom, Roy A., to Hughes Aircraft Company. Two color liquid crystal light valve image projection system with single prepolarizer. 4,500,172, 2-19-85, Cl. 350-331.00R.

Gagnon, Ralph J., to Hughes Aircraft Company. High efficiency optical tank for two-color liquid crystal light valve image projection with color selective prepolarization. 4,544,237, 10-1-85, Cl. 350-331.00R.

Gagnon, Richard; Orszulak, Stanley; Pawloski, Louis; and Bodnar, Michael L., to Easco Hand Tools, Inc. Ratcheting tool with improved cam shifter means. 4,529,071, 7-16-85, Cl. 192-43.100.

Gagnon, Richard T., to Votrax, Inc. Speech digitization system. 4,532,495, 7-30-85, Cl. 340-347.0DA.

Gagnon, Ronald W., to United Technologies Corporation. Magnetic actuator for a gas valve. 4,560,968, 12-24-85, Cl. 335-281.000.

Gagon, Paul R.; and Cox, Roger F., to Fender Musical Instruments Corporation. Apparatus and method for adjusting the characteristic sounds of electric guitars, and for controlling tones. 4,545,278, 10-8-85, Cl. 84-1.150.

Gahan, Geoffrey D., to Mouldmaking Design Centre Limited. Injection molding apparatus having a sprue holder with an inclined retractable ram. 4,498,860, 2-12-85, Cl. 425-562.000.

Gahlinger, Earl C., to International Harvester Company. Bolster pin and method for cleaning flask bushing. 4,512,810, 4-23-85, Cl. 134-8.000.

Gahn, Randall F.; and Hagedorn, Norman H., to United States of America, National Aeronautics and Space Administration. Negative electrode catalyst for the iron chromium REDOX energy storage system. 4,543,302, 9-24-85, Cl. 429-15.000.

Gahrs, Hans J., to Messer Griesheim GmbH. Procedure for producing low nicotine tobacco by means of high pressure extraction. 4,561,452, 12-31-85, Cl. 131-297.000.

Gaia, Aldino J., to McGraw-Edison Company. Magnetic arc extinguishing fusible elements. 4,498,068, 2-5-85, Cl. 337-293.000

Gaia, Aldino J., to McGraw-Edison Company. Electric fuse. 4,524,344, 6-18-85, Cl. 337-159.000.

Gaia, Aldino J., to Cooper Industries, Inc. Trigger mechanism for dual-element fuse. 4,559,513, 12-17-85, Cl. 337-165.000.

Gaia, Aldino J.: *See—*
- Rasmussen, John F.; and Gaia, Aldino J., 4,511,874, Cl. 337-159.000.

Gaida, Walter E.; and Kun, Zoltan K., to Westinghouse Electric Corp. Apparatus for growing crystals. 4,540,550, 9-10-85, Cl. 422-109.000.

Gaida, Wolfram: *See—*
- Mentrup, Anton; Renth, Ernst-Otto; Schromm, Kurt; Hoefke, Wolfgang; and Gaida, Wolfram, 4,539,323, Cl. 514-260.000.
- Schnorrenberg, Gerd; Roos, Otto; Losel, Walter; Wiedemann, Ingrid; Gaida, Wolfram; and Hoefke, Wolfgang, 4,555,511, Cl. 514-301.000.

Gaide, Albert, to Mistral Windsurfing AG. Mast base structure for a sailboard. 4,526,120, 7-2-85, Cl. 114-39.000.

Gaide, Albert, to Mistral Windsurfing AG. Apparatus for the stabilizing of the direction of travel of watercraft, specifically a sword or fin for sailboards. 4,537,143, 8-27-85, Cl. 114-39.000.

Gaiffier, Albert, to Societe Anonyme: Construction Electriques R.V. Current generator for the supply and detection of operation of a gas burner and control device applying same. 4,552,528, 11-12-85, Cl. 431-25.000.

Gaiger, David J.: *See—*
- Magill, Robert J.; Gaiger, David J.; and Simkins, Neil, 4,531,534, Cl. 137-75.000.

Gailey, Edward D., to S-P Manufacturing Corporation, The. Chuck top jaw with removable insert. 4,546,988, 10-15-85, Cl. 279-123.000.

Gailey, Edward D.: *See—*
- Hall, William E.; Gailey, Edward D.; and Ovanin, George J., 4,550,922, Cl. 279-119.000.

Gailey, J. Lynn, to Alcan Aluminum Corporation. Ceiling system and panel-securing device therefor. 4,494,346, 1-22-85, Cl. 52-489.000.

Gaillard, Adrianus J. C.; and Anderson, Richard N., to Hunter Douglas International N.V. Apparatus and a method for assembling slats of a venetian blind. 4,516,300, 5-14-85, Cl. 29-24.500.

Gaillard, Adrianus J. C.; and Anderson, Richard N., to Hunter Douglas International N.V. Method and apparatus for manufacturing venetian blinds. 4,545,100, 10-8-85, Cl. 29-24.500.

Gaillard, Roger: *See—*
- Lacour, Bernard; Euvrard, Hubert; Gaillard, Roger; and Boinot, Jean C., 4,493,646, Cl. 433-133.000.

Gailus, Paul H.: *See—*
- Yester, Francis R., Jr.; Gailus, Paul H.; and Louis, Edward V., 4,542,352, Cl. 331-96.000.

Gaiman, Barry: *See—*
- Libby, Charles J., Jr.; and Gaiman, Barry, 4,497,996, Cl. 219-124.340.

Gain, Lorand H., Jr., to AMSTED Industries Incorporated. Seal for post indicator valve assembly. 4,497,340, 2-5-85, Cl. 137-556.000.

Gaind, Arun K.; Kulkarni, Subhash B.; and Poponiak, Michael R., to International Business Machines Corporation. Optimum reduced pressure epitaxial growth process to prevent autodoping. 4,504,330, 3-12-85, Cl. 148-175.000.

Gaines, Albert L., to Combustion Engineering, Inc. Compression hub with eddy current prevent means. 4,497,767, 2-5-85, Cl. 376-142.000.

Gaines, Charles J.: *See—*
- Gaines, Mary L.; and Gaines, Charles J., 4,546,982, Cl. 273-298.000.

Gaines, Donald L.: *See—*
- Gaines, Donald R.; and Gaines, Donald L., 4,549,504, Cl. 123-41.010.

Gaines, Donald R.; and Gaines, Donald L., to Evans Products Company. Electronic controller for regulating temperature within an internal combustion engine system. 4,549,504, 10-29-85, Cl. 123-41.010.

Gaines, Harold S.; and Ross, Leonard C. Pneumatic apparatus for actuating metal shear. 4,506,578, 3-26-85, Cl. 83-583.000.

Gaines, Henry F. "Automatic set" mole trap. 4,494,335, 1-22-85, Cl. 43-80.000.

Gaines, Larry D.; and Likins, Merle R., Jr., to Phillips Petroleum Company. Boiler control. 4,559,785, 12-24-85, Cl. 60-676.000.

Gaines, Mary L.; and Gaines, Charles J., to Mary L. Gaines, Corp. Golf card game. 4,546,982, 10-15-85, Cl. 273-298.000.

Gaines, Robert C.: *See—*
- Harding, Margot J.; Gaines, Robert C.; and Gess, Jerome M., 4,505,775, Cl. 162-9.000.

Gainey, Michael D. Foldable ski and pole carrier. 4,494,787, 1-22-85, Cl. 294-147.000.

Gainsboro, Leon; and Latham, Peter A., to Opus, Inc. Bird feeder. 4,498,423, 2-12-85, Cl. 119-51.00R.

Gaisch, Helmut; and Schulthess, Dieter, to Fabriques de Tabac Reunies S.A. Continuous process for microbial degradation of tobacco constituents containing nitrates. 4,524,786, 6-25-85, Cl. 131-308.000.

Gaisch, Helmut; Ghiste, Patrick D. L.; and Schulthess, Dieter, to Fabriques de Tabac Reunies S.A. Method of tobacco treatment to produce flavors. 4,537,204, 8-27-85, Cl. 131-274.000.

Gaiser, Mark D.: *See—*
- EerNisse, Errol P.; Gaiser, Mark D.; Hanley, John P.; Kistler, Walter P.; Paros, Jerome M.; and Wiggins, Robert B., 4,526,247, Cl. 177-210.0FP.

Gaiser, Robert F., to Bendix Corporation, The. Fast-fill master cylinder. 4,499,729, 2-19-85, Cl. 60-578.000.

Gaiser, Robert F., to Bendix Corporation, The. Master cylinder. 4,510,752, 4-16-85, Cl. 60-562.000.

Gaiser, Robert F., to Allied Corporation. Master cylinder attachment for plastic reservoir. 4,514,983, 5-7-85, Cl. 60-562.000.

Gaiser, Robert F., to Allied Corporation. Vehicle attitude responsive brake control device. 4,520,911, 6-4-85, Cl. 192-13.00A.

Gaiser, Robert F.; and Lohraff, Larry G., to Allied Corporation. Master cylinder. 4,527,395, 7-9-85, Cl. 60-562.000.

Gaiser, Robert F.; and Myers, Lawrence R., to Allied Corporation. Combination hill holder and proportioning valve mechanism. 4,553,651, 11-19-85, Cl. 192-13.00A.

Gaiser, Robert F.: *See—*
- Bach, Lloyd G.; and Gaiser, Robert F., 4,514,982, Cl. 60-562.000.

Gaisser, Horst: *See—*
- Weiss, Arno; and Gaisser, Horst, 4,557,057, Cl. 34-48.000.

Gaither, Dolphard. Sealing device for facilitating pressuring of tubeless tire. 4,506,719, 3-26-85, Cl. 157-1.100.

Gaither, Dolphard. Tire tool. 4,527,607, 7-9-85, Cl. 157-1.300.

Gaither, John D., to Champion Laboratories, Inc. Thermostatically controlled pack hold-down assembly. 4,547,287, 10-15-85, Cl. 210-149.000.

Gaither, John L., to Caslin, Richard L. Plastic sheet tubing, bag-forming apparatus for lawn mowers. 4,550,553, 11-5-85, Cl. 56-202.000.

Gaitten, Dorothy A., executrix: *See—*
- Gaitten, Walden M., deceased, 4,506,713, Cl. 144-208.00E.
- Gaitten, Walden M., deceased, 4,509,574, Cl. 144-208.00E.
- Gaitten, Walden M., deceased, 4,516,613, Cl. 144-208.00E.
- Gaitten, Walden M., deceased, 4,522,239, Cl. 144-2.00Z.

Gaitten, Walden M., deceased (by Gaitten, Dorothy A., executrix), to Kockums Cancar, Corp. Debarking machine with feed rolls having elongated members accommodating lateral movement. 4,506,713, 3-26-85, Cl. 144-208.00E.

Gaitten, Walden M., deceased (by Gaitten, Dorothy A., executrix), to Kockums Cancar, Corp. Feed roll spikes with plus-shaped cutting edges. 4,509,574, 4-9-85, Cl. 144-208.00E.

Gaitten, Walden M., deceased (by Gaitten, Dorothy A., executrix), to Kockums Cancar, Corp. Debarking machine with infeed rolls having helical offset log feeder blades. 4,516,613, 5-14-85, Cl. 144-208.00E.

Gaitten, Walden M., deceased (by Gaitten, Dorothy A., executrix), to Southeastern Technology, Inc. Swath cutting and gripping tree delimber. 4,522,239, 6-11-85, Cl. 144-2.00Z.

Gaivoronsky, Albert A.: *See—*
- Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.

Gajajiva, Padej; and Wium, Eigil, to General Signal Corporation. Hazardous location expansion fitting. 4,558,173, 12-10-85, Cl. 174-86.000.

Gajda, Jacek Z.: *See—*
- Sendzimir, Tadeusz; and Gajda, Jacek Z., 4,505,438, Cl. 242-55.000.

Gajda, Robert S.: *See—*
- Schatz, Jack M.; and Gajda, Robert S., 4,492,376, Cl. 272-138.000.

Gajecki, Rickard, to AO:s Metall & Mek. Verkstad AB. Method of eliminating discomforting flickering when viewing X-ray film in a light cabinet, and a flicker-eliminating unit for use in a light cabinet. 4,508,995, 4-2-85, Cl. 315-209.00R.

Gajewski, Henry M.; and Measells, Paul, to Baxter Travenol Laboratories, Inc. Blood component storage container and method utilizing a polyvinyl chloride plastic formulation free or essentially free of leachable materials. 4,505,708, 3-19-85, Cl. 604-408.000.

Gajewski, Henry M.; Vernick, Barry H.; Measells, Paul E.; and Garber, Jan W., to Baxter Travenol Laboratories, Inc. Method of storing red blood cells which minimizes both red blood cell hemolysis and exposure to blood extractable plasticizers. 4,507,387, 3-26-85, Cl. 435-2.000.

Gajewski, Robert J., to General Mills, Inc. Cereal presweetened with aspartame and cold water soluble gum coating and method of preparation. 4,501,759, 2-26-85, Cl. 426-96.000.

Gajewski, Robert J., to General Mills, Inc. Cereal presweetened with aspartame and cold water soluble gum coating and method of preparation. 4,540,587, 9-10-85, Cl. 426-96.000.

Gajewski, Robert P.: *See—*
- Beck, James R.; Gajewski, Robert P.; and Hackler, Ronald E., 4,495,195, Cl. 514-406.000.
- Beck, James R.; Gajewski, Robert P.; and Hackler, Ronald E., 4,544,752, Cl. 548-214.000.

Gajria, Chandrasen; and Ozari, Yehuda, to Celanese Corporation. Water-swellable crosslinked polymeric microgel particles and aqueous dispersions of organic film-forming resins containing the same. 4,539,348, 9-3-85, Cl. 523-409.000.

Gajria, Chandrasen; and Ozari, Yehuda, to Celanese Corporation. Water-swellable crosslinked polymeric microgel particles and aqueous dispersions of organic film-forming resins containing the same. 4,546,014, 10-8-85, Cl. 427-239.000.

Gajria, Chandrasen; and Ozari, Yehuda, to Celanese Corporation. Water-swellable crosslinked polymeric microgel particles and aqueous dispersions of organic film-forming resins containing the same. 4,560,714, 12-24-85, Cl. 523-409.000.

Gaku, Morio; Kimbara, Hidenori; Ayano, Satoshi; and Yoshimura, Susumu, to Mitsubishi Gas Chemical Company, Inc. Process for producing a curable resin from cyanate ester compound and unsaturated 1,2-epoxy compound. 4,533,727, 8-6-85, Cl. 528-361.000.

Gaku, Morio; Kimbara, Hidenori; and Yokoi, Jun, to Mitsubishi Gas Chemical Company, Inc. Preparation of curable resin from cyanate ester compound. 4,554,346, 11-19-85, Cl. 528-363.000.

Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, to Budapesti Muszaki Egyetem; and Ikarus Karosszeria es Jarmugyar. Equipment for displaying alphanumerical and/or pictorial information, preferably for use on a vehicle. 4,533,912, 8-6-85, Cl. 340-783.000.

Gal, Uzi, to Uzia R&D Associates. Grip and stock assembly for facilitating use of a compact gun. 4,513,523, 4-30-85, Cl. 42-72.000.

Gala Industries, Inc.: *See—*

Smith, Donald W., 4,500,271, Cl. 425-67.000.

Galabov, Angel S.; and Mastikova, Margarita H., to DSO "Pharmachim". Interferon induction method. 4,499,093, 2-12-85, Cl. 514-258.000.

Galahad, Giles, to Chaldar, Inc. Neck-strain alleviator for bicyclists. 4,493,225, 1-15-85, Cl. 74-551.300.

Galais, Michel; Sardain, Christian; Fouin, Jean; Arnaudeau, Marcel; and Morin, Pierre, to Moteurs Leroy-Somer. Motor-pump set for boreholes and a method of protection relating thereto. 4,553,909, 11-19-85, Cl. 417-369.000.

Galambos, Geza: *See—*

Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, 4,520,018, Cl. 514-469.000.

Galambos, Tibor: *See—*

Kovari, Pal; Galambos, Tibor; Bogisich, Ferenc; and Teringer, Imre, 4,553,885, Cl. 409-201.000.

Galani, Zvi; and Waterman, Raymond C., Jr., to Raytheon Company. Automatic gain controlled frequency discriminator for use in a phase locked loop. 4,510,463, 4-9-85, Cl. 331-15.000.

Galani, Zvi; Laton, Richard W.; Waterman, Raymond C., Jr.; and DiBiase, Robert, to Raytheon Company. Microwave oscillator. 4,555,678, 11-26-85, Cl. 331-1.00A.

Galanis, Andreas I.: *See—*

Komons, Michael; Wiseman, Donald F.; and Galanis, Andreas I., 4,494,406, Cl. 73-204.000.

Galante, Jorge O.; and Rostoker, William. Hip prosthesis with flared porous bony ingrowth pads. 4,536,894, 8-27-85, Cl. 623-22.000.

Galante, Richard J., to Dennison Manufacturing Company. Heat transferable laminate. 4,548,857, 10-22-85, Cl. 428-200.000.

Galanty, William B. Comminutor for inline flow of sewage. 4,491,278, 1-1-85, Cl. 241-46.060.

Galardy, Richard E.; and Grobelny, Damian, to University of Kentucky, The Board of Trustees of the. Inhibitors of bacterial collagenase. 4,558,034, 12-10-85, Cl. 514-7.000.

Galasco, Raymond T.: *See—*

Bindra, Perminder S.; David, Allan P.; Galasco, Raymond T.; Gasdik, Charles E.; Light, David N.; and Pickar, Paul B., 4,540,473, Cl. 204-52.00R.

Galasso, Francis S.; and Veltri, Richard D., to United Technologies Corporation. Silicon nitride reinforced nickel alloy composite materials. 4,550,063, 10-29-85, Cl. 428-614.000.

Galasso, Francis S.: *See—*

Veltri, Richard D.; Galasso, Francis S.; and Mendelson, Mel I., 4,500,483, Cl. 264-81.000.

Veltri, Richard D.; and Galasso, Francis S., 4,544,412, Cl. 106-286.500.

Galber Automazione e Strumentazione Elettronica di Gangemi & C. S.n.c.: *See—*

Gangemi, Giovanni; and Sefusatti, Giuseppe, 4,540,890, Cl. 307-40.000.

Galbiati, Ambrogio, to W. R. Grace & Co., Cryovac Div. Apparatus and method for packaging articles in a flexible wrapping material. 4,495,751, 1-29-85, Cl. 53-576.000.

Galbraith, Andrew D., to Lockheed Missiles & Space Company, Inc. Electrochemical cell and method. 4,500,613, 2-19-85, Cl. 429-69.000.

Galbraith, Andrew D., to Lockheed Missiles & Space Company, Inc. Electrochemical cell and method. 4,528,248, 7-9-85, Cl. 429-8.000.

Galbraith, Andrew D., to Lockheed Missiles & Space Company, Inc. Electrochemical cell and method. 4,528,249, 7-9-85, Cl. 429-15.000.

Galbraith, Lee K.; and Pecen, Jiri, to Tencor Instruments. Apparatus for calibrating a surface scanner. 4,512,659, 4-23-85, Cl. 356-243.000.

Galbraith, Lyle D., to Rocket Research Company. Inflatable buoy. 4,497,632, 2-5-85, Cl. 441-30.000.

Galbraith, Lyle D., to Rocket Research Company. Propellant augmented, pressurized gas dispensing device. 4,512,355, 4-23-85, Cl. 137-68.00A.

Galbreath, Donald E.; Roudebush, Brooks; and O'Donnell, Robert N., to Galbreath Incorporated. Waste material handling container with liquid tight door seal. 4,545,523, 10-8-85, Cl. 232-43.100

Galbreath Incorporated: *See—*

Galbreath, Donald E.; Roudebush, Brooks; and O'Donnell, Robert N., 4,545,523, Cl. 232-43.100.

Galbreath, Ronald E.; and Harrison, Bruce R., to Commonwealth of Australia, The. Photogrammetric stereoplotter. 4,539,701, 9-3-85, Cl. 382-1.000.

Galburt, Daniel, to Perkin-Elmer Corporation, The. Electro-magnetic apparatus. 4,506,204, 3-19-85, Cl. 318-653.000.

Galburt, Daniel: *See—*

Trost, David; and Galburt, Daniel, 4,506,205, Cl. 318-653.000.

Galcenski, Anthony P., Jr.: *See—*

Jalbert, Robert A.; Galcenski, Anthony P., Jr.; and Urmson, Charles C., 4,513,518, Cl. 36-44.000.

Galdun, Daniel J.; Grudowski, Raymond A.; and Flood, Mark A., to Allen-Bradley Company. Programmable controller with back-up capability. 4,521,871, 6-4-85, Cl. 364-900.000.

Galdun, Daniel J.; Struger, Odo J.; Grants, Valdis; and Brown, Ronald A., to Allen-Bradley Company. Video computer terminal with detachable intelligent keyboard module. 4,527,250, 7-2-85, Cl. 364-900.000.

Gale, Allan R.; and Chute, Richard, to Eaton Corporation. Pre-start rotor positioner for an electric vehicle. 4,532,460, 7-30-85, Cl. 318-139.000.

Gale, Allan R., to Eaton Corporation. Motor minimum speed start-up circuit for electric motors. 4,549,121, 10-22-85, Cl. 318-301.000.

Gale, Edwin J.: *See—*

Valentine, Gordon A.; and Gale, Edwin J., 4,522,433, Cl. 285-93.000.

Gale, James: *See—*

Serinken, Nur M.; Calder, Iain D.; Gale, James; and Fletcher, Norman C., 4,503,468, Cl. 358-256.000.

Gale, Michael T.; and Lehmann, Hans W., to RCA Corporation. Standardized multi-stack dielectric-layer filter blank and method for fabricating color-encoding filter therefrom. 4,534,620, 8-13-85, Cl. 350-166.000.

Gale, Michael T.: *See—*

Covey, Robert L.; and Gale, Michael T., 4,523,850, Cl. 356-375.000.

Gale, Philip F.: *See—*

Bellis, Edward J.; and Gale, Philip F., 4,491,782, Cl. 324-52.000.

Gale, Robert M.; and Urquhart, John, to ALZA Corporation. Fluid receiving receptacle housing biocide dispensing device. 4,505,703, 3-19-85, Cl. 604-317.000.

Gale, Robert M.: *See—*

Enscore, David J.; and Gale, Robert M., 4,559,222, Cl. 424-28.000.

Gale, Ronald J., to Ford Motor Company. Adjustable clutch pedal stop. 4,527,682, 7-9-85, Cl. 192-99.00S.

Gale, Ronald J., to Ford Motor Company. Clutch wear indicator. 4,550,815, 11-5-85, Cl. 192-30.00W.

Gale, Ronald P.: *See—*

Fan, John C. C.; and Gale, Ronald P., 4,547,622, Cl. 136-249.000.

Gale, Ronald S.; Bristol, William E.; and Noonan, Carroll, to Willamette Industries, Inc. Method and apparatus for applying coupon strips to paper bags. 4,537,586, 8-27-85, Cl. 493-220.000.

Gale, Ronald S.: *See—*

Carl, Charles L.; Gale, Ronald S.; and Forstrom, William J., 4,545,781, Cl. 493-220.000.

Galena, Peter E.: *See—*

Hackett, Walter J.; and Galena, Peter E., 4,526,815, Cl. 427-355.000.

Galentan, A.G.: *See—*

Piepers, Harry C., 4,493,757, Cl. 204-206.000.

Galer, Richard E., to United States Gypsum Company. Method for making reinforced cement board. 4,504,335, 3-12-85, Cl. 156-42.000.

Galetta, Nicholas J. Combination boot and lockable storage means. 4,514,915, 5-7-85, Cl. 36-1.000.

Galiasso, Roberto: *See—*

Arias, Beatriz; Kum, Humberto; and Galiasso, Roberto, 4,499,202, Cl. 502-211.000.

Galiasso, Roberto E.: *See—*

Larrauri, Jose M.; Arias, Beairit C.; and Galiasso, Roberto E., 4,508,616, Cl. 208-111.000.

Morales, Alfredo; Galiasso, Roberto E.; and Carrasquel, Angel R., 4,525,472, Cl. 502-323.000.

Morales, Alfredo L.; Galiasso, Roberto E.; Agudelo, Maria M.; Salazar, Jose A.; and Carrasquel, Angel R., 4,520,128, Cl. 502-210.000.

Galie, John R.; Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., to International Business Machines Corporation. Method for making metal contact studs between first level metal and regions of a semiconductor device compatible with polyimide-filled deep trench isolation schemes. 4,541,168, 9-17-85, Cl. 29-579.000.

Galie, Louis M.: *See—*

Dickinson, Robert V.; and Galie, Louis M., 4,495,566, Cl. 364-200.000.

Dickinson, Robert V.; Galie, Louis M.; and Snow, Craig A., 4,499,553, Cl. 364-900.000.

Galindo, Anibal. Hypodermic needle connector. 4,508,419, 4-2-85, Cl. 339-256.00S.

Galindo, Eugene R. Catheter holder. 4,519,793, 5-28-85, Cl. 604-180.000.

Galiotto, Bruno R.: *See—*

Bonetta, Angelo A.; and Galiotto, Bruno R., 4,534,365, Cl. 128-779.000.

Galkiewicz, John. Kitty tease. 4,499,855, 2-19-85, Cl. 119-29.000.

Gall, Adam F.; and McJunkin, Howard P., Jr., to McJunkin Corporation. Method for fabricating an orifice fitting for a gas pressure differential-measuring system. 4,503,594, 3-12-85, Cl. 29-157.00R.

Gall, Adam F., to McJunkin Corporation. Remote control fracture valve. 4,557,325, 12-10-85, Cl. 166-97.000.

Gall, John C., to Sears, Roebuck and Co. Error correcting typewriter for simplified word obliteration. 4,492,485, 1-8-85, Cl. 400-697.100.

Gall, John C., to Sears, Roebuck and Co. Coilable device. 4,531,688, 7-30-85, Cl. 242-107.300.

Gall, John C., to Sears, Roebuck and Co. Drive system for exercise apparatus or the like. 4,558,861, 12-17-85, Cl. 272-73.000.

Gall, Rudi: *See—*

Bosies, Elmar; Gall, Rudi; Weimann, Gunter; Bicker, Uwe; and Pahlke, Wulf, 4,492,659, Cl. 260-925.000.

Gall Thomson Maritime Limited: *See—*

Thomson, John G., 4,501,287, Cl. 137-68.00R.

Gall, Winrich; and Wellendorf, Klaus, to Dr. Ing. Rudolf Hell GmbH. Production of screen printing blocks. 4,499,489, 2-12-85, Cl. 358-75.000.

Gall, Winrich; and Weselmann, Peter, to Dr. Ing. Rudolf Hell GmbH. Method and apparatus for reproducing an image which has a coarser resolution than utilized in scanning of the image. 4,533,942, 8-6-85, Cl. 358-78.000.

Galla, Edward A.; and Smoyer, Bruce A., to Air Products and Chemicals, Inc. Shipping flexible polyurethane foam product. 4,525,316, 6-25-85, Cl. 264-54.000.

Gallagher, Brian D.: *See—*

Ross, Bernd, deceased; Bickler, Donald B.; and Gallagher, Brian D., 4,524,237, Cl. 136-261.000.

Gallagher, David A.: *See—*

Juris, Mitchell A.; and Gallagher, David A., 4,498,719, Cl. 339-60.00R.

Gallagher, Gail: *See—*

Iyengar, Mike; and Gallagher, Gail, 4,530,344, Cl. 126-246.000.

Gallagher, Neal C.: *See—*

Sweeney, Donald W.; Gallagher, Neal C.; and Christensen, Charles R., 4,516,743, Cl. 244-3.130.

Gallagher, Patrick E., to General Electric Company. Polyetherimide copolymers. 4,550,156, 10-29-85, Cl. 528-185.000.

Gallagher, Paul H. Heat reclamation. 4,501,128, 2-26-85, Cl. 62-238.600.

Gallagher, Terence J.; and LaCapria, Anthony, to American Bank Note Company. Identification card. 4,519,155, 5-28-85, Cl. 40-625.000.

Gallagher, Terry A.: *See—*

Ludwigsen, John S.; Ludwigsen, Jill L.; and Gallagher, Terry A., 4,509,344, Cl. 62-76.000.

Gallagher, Timothy F.: *See—*

Durette, Philippe L.; and Gallagher, Timothy F., 4,526,999, Cl. 514-549.000.

Yang, Shu S.; Beattie, Thomas R.; Durette, Philippe L.; Gallagher, Timothy F.; and Shen, Tsung-Ying, 4,515,722, Cl. 260-403.000.

Gallagher, William: *See—*

McHugh, Edward L.; McHugh, James C.; McHugh, Gerard J.; Gallagher, William; and Schmidt, David, 4,494,766, Cl. 280-444.000.

Gallaher, Kenneth R.: *See—*

Mott, Philip J.; and Gallaher, Kenneth R., 4,510,962, Cl. 137-102.000.

Gallaher, Lee E.; Toy, Wing N.; and Zee, Benjamin, to AT&T Bell Laboratories. Cache arrangement for direct memory access block transfer. 4,504,902, 3-12-85, Cl. 364-200.000.

Gallaher Limited: *See—*

Sumner, Leslie, 4,519,298, Cl. 92-103.00F.

Gallant, Ben J., to Cooper LaserSonics, Inc. Equipment and method for delivering an abrasive-laden gas stream. 4,522,597, 6-11-85, Cl. 433-216.000.

Gallant, Mark U. Disposable table covering. 4,542,050, 9-17-85, Cl. 428-35.000.

Gallaro, Anthony V., to North American Philips Consumer Electronics Corp. CRT with optical window. 4,528,477, 7-9-85, Cl. 313-479.000.

Gallaro, Anthony V.: *See—*

Bergamo, Robert L.; Foreman, Gordon T.; Gallaro, Anthony V.; and Nagel, Judy A., 4,505,999, Cl. 430-24.000.

Gallaro, Carmelo. Exercise device. 4,516,768, 5-14-85, Cl. 272-65.000.

Gallaro, Carmelo. Water gas furnace. 4,555,993, 12-3-85, Cl. 110-234.000.

Gallas, Gunter A., to Slater Electric Inc. Apparatus for forming cable entry port. 4,513,492, 4-30-85, Cl. 29-564.700.

Gallas, Gunter A., to Slater Electric Inc. Clamp bushing for securing an electrical cable to an electrical outlet box. 4,536,613, 8-20-85, Cl. 174-65.00R.

Gallati, Marvin L.: *See—*

Nelson, Hilding E.; Nesdahl, Myron A.; and Gallati, Marvin L., 4,528,458, Cl. 307-64.000.

Gallatin, Paul M.; Dyken, Henry J.; and Cvengros, Norbert F., to Siemens-Allis, Inc. Sequenced intermittent blowout coil controller. 4,516,005, 5-7-85, Cl. 200-147.00R.

Gallaugher, Glenn B., Jr.: *See—*

Sweazey, Donald G.; and Gallaugher, Glenn B., Jr., 4,491,269, Cl. 232-43.200.

Gallay, Jean J.; and Schweizer, Ernst, to Ciba-Geigy Corporation. 6-[(4-substituted piperazin-l-yl)thiocarbonylamino]benzazoles and their use. 4,511,567, 4-16-85, Cl. 514-253.000.

Galle, Bo G.: *See—*

Folestad, Sven S.; Galle, Bo G.; Johnson, Lars Goran I.; and Josefsson, Bjorn O., 4,548,498, Cl. 356-318.000.

Galle, Edward M.: *See—*

Burr, Bruce H.; Dolezal, George E.; and Galle, Edward M., 4,491,428, Cl. 384-93.000.

Galle, Edward M., Jr.; and Cowan, William S., to Armco Inc. Helical coil stab-in connector. 4,491,351, 1-1-85, Cl. 285-318.000.

Galle, Edward M., Jr., to Armco Inc. Dual ring casing hanger. 4,528,738, 7-16-85, Cl. 29-416.000.

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, to Olympus Optical Co., Ltd. Automatic analyzing apparatus. 4,517,160, 5-14-85, Cl. 422-65.000.

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, to Olympus Optical Co. Ltd. Automatic analyzing apparatus. 4,558,946, 12-17-85, Cl. 356-73.000.

Gallegos, Alfredo J. Compositions and methods for fertility control. 4,491,593, 1-1-85, Cl. 424-317.000.

Gallegos, John C. Twin camera, shoulder carry, rotary, stabilization pod. 4,514,067, 4-30-85, Cl. 354-293.000.

Galletto, Joseph L. Internal pliers. 4,554,848, 11-26-85, Cl. 81-447.000.

Galli, Paolo; and Spataro, Mario, to Montedison S.p.A. Polypropylene compositions having improved impact strength properties at low temperatures and process for preparing same. 4,521,566, 6-4-85, Cl. 525-247.000.

Gallian, Claude E.: *See—*

David, Stephen T.; Brooke, Dana; and Gallian, Claude E., 4,547,358, Cl. 424-14.000.

Galliani, Giulio; Omodei-Sale, Amedeo; Consonni, Pietro; and Assandri, Alessandro, to Gruppo Lepetit S.p.A. 3,5-diphenyl-1H-1,2,4-triazoles pharmaceutical compositions and uses. 4,535,090, 8-13-85, Cl. 514-383.000.

Gallick-Whitaker, Nancy G., to Eli Lilly and Company. 4aR,8aS,9R-5,6-permissibly substituted-9-hydroxy-octahydro-1H(and 2H) pyrazolo[3,4-g]quinoline. 4,525,584, 6-25-85, Cl. 536-24.000.

Gallick-Whitaker, Nancy G., to Eli Lilly and Company. Method of preparing 4aR,8aR-5-permissibly substituted-6-oxo-octahydro-1H(and 2H)-pyrazolo[3,4-g]quinolines, useful as intermediates. 4,537,965, 8-27-85, Cl. 546-82.000.

Gallien, Jacqueline: *See—*

Kalopissis, Gregoire; Gallien, Jacqueline; Jacquet, Bernard; Bauer, Daniel; and Chalaye, Jean Phillipe, 4,545,978, Cl. 424-10.000.

Galliher, Kenneth R.: *See—*

Danforth, Philip G.; Bucko, Thomas G.; Galliher, Kenneth R.; Lucia, Joseph T.; Miller, Richard L.; and Straw, Timothy B., 4,518,915, Cl. 324-158.00R.

Gallina, Damian J. Hemorrhoid treatment method. 4,514,384, 4-30-85, Cl. 424-80.000.

Gallina, Damian J. Hemorrhoid and anorectal disease treatment method. 4,518,583, 5-21-85, Cl. 424-80.000.

Gallion, James A.; and Tomczak, Roman M., to Tipper Tie, Inc. Inverted tee cross section clip. 4,525,898, 7-2-85, Cl. 24-30.50W.

Gallios, George C., to Venus Scientific Inc. Three phase a.c. to d.c. voltage converter with improved power line harmonic current reduction. 4,509,108, 4-2-85, Cl. 363-45.000.

Gallitzendorfer, Josef; Gotz, Hans; Pfeiffer, Peter; and Tomforde, Johann, to Daimler-Benz Aktiengesellschaft. Water conduit for a lateral area of a windshield of a motor vehicle. 4,541,664, 9-17-85, Cl. 296-213.000.

Gallitzendorfer, Joseph; Pfeiffer, Peter; Tomforde, Johann; Parisch, Jochen; and Zweigart, Gerhard, to Daimler-Benz Aktiengesellschaft. Water guide channel for motor vehicles. 4,518,197, 5-21-85, Cl. 296-213.000.

Gallivan, Timothy J.: *See—*

Connolly, John D., Jr.; Gallivan, Timothy J.; and Ringle, Richard P., 4,522,769, Cl. 264-0.500.

Gallo, Luigi C., to Ampex Corporation. Method and apparatus for processing color video signals for recording and reproducing. 4,514,769, 4-30-85, Cl. 358-310.000.

Gallo, Phillip C., to Goodyear Aerospace Corporation. Integral disk brake actuator and adjuster. 4,529,068, 7-16-85, Cl. 188-71.800.

Gallo, Robert C.; Popovic, Mikulas; and Sarngadharan, Mangalasseril G., to United States of America, Health and Human Services. Serological detection of antibodies to HTLV-III in sera of patients with AIDS and pre-AIDS conditions. 4,520,113, 5-28-85, Cl. 436-504.000.

Gallo, Roger: *See—*

Deschamps, Patrice P. M.; Gallo, Roger; and Grangette, Henri, 4,536,594, Cl. 562-400.000.

Gallois, Philippe; and Christidis, Yani, to Societe Francaise Hoechst. 2-dimethylamino-2-parahydroxyphenyl sodium acetate, preparation process and application thereof to production of parahydroxybenzyl cyanide. 4,493,937, 1-15-85, Cl. 562-444.000.

Gallone, Cesare, to Signal Lux S.p.A. Diaphragm pressure switch for controlling small pressure gradients. 4,532,390, 7-30-85. Cl. 200-83.00B.

Gallop, Paul M.; and Paz, Mercedes, to Children's Medical Center Corporation, The. Reporter compounds. 4,496,722, 1-29-85, Cl. 544-69.000.

Gallop, Paul M.; and Korb, Donald R., to Syntex (U.S.A.) Inc. Polymeric compositions and hydrogels formed therefrom. 4,543,371, 9-24-85, Cl. 523-106.000.

Galloway, Cecil, to Brownline Pipe Inc. Non-drain valve for sprinkler systems. 4,497,440, 2-5-85, Cl. 239-201.000.

Galloway, Donald, to Fielding, Verl. One wheel trailer for a two-wheeled vehicle. 4,511,155, 4-16-85, Cl. 280-204.000.

Galloway, Dudley L.: *See—*

Borgmeyer, Virgil L.; Galloway, Dudley L.; Sonnenberg, Gary N.; Gruczka, Jan S.; and Owen, Timothy C., 4,533,786, Cl. 174-50.000.

Galloway, Geoffrey: *See—*

MacDonald, Bruce E.; Galloway, Geoffrey; and Kakuda, Yukio, 4,515,818, Cl. 426-268.000.

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Gorman, William G.; Popp, Karl F.; Galloway, Jennifer C.; and Sedlock, David M., 4,542,125, Cl. 514-57.000.

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Galloway, Michael D.; Gingerich, David J.; and Shaffer, David T., to **AMP** Incorporated. Electrical hook switch. 4,497,983, 2-5-85, Cl. 200-5.00R.

Galloway, Roy C.; Bones, Roger J.; Teagle, David A.; and Wright, Michael L., to South African Inventions Development Corporation. Electrochemical cell. 4,529,676, 7-16-85, Cl. 429-103.000.

Galloway, Roy C., to Lilliwyte Societe Anonyme. Method of making an electronically conductive tectosilicate, and such tectosilicate when made according to the method. 4,557,858, 12-10-85, Cl. 252-508.000.

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Gallup, Darrell L.: *See—*

Jost, John W.; and Gallup, Darrell L., 4,500,434, Cl. 210-696.000.

Gallup, Jeffrey M.: *See—*

Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Gallup, Jeffrey M., 4,525,804, Cl. 364-900.000.

Gallup, Michael G., to Motorola, Inc. Programmable prescaler. 4,516,251, 5-7-85, Cl. 377-110.000.

Gallup, Michael G.: *See—*

Smith, Philip S.; and Gallup, Michael G., 4,525,851, Cl. 377-110.000.

Gallup, William, and Schmidt, Detleff W. P., to Permutare Corporation. Standby water-powered basement sump pump. 4,552,512, 11-12-85, Cl. 417-3.000.

Gallusser, David O., to Allied Corporation. One piece hermaphroditic contact for an electrical connector and a method of making the contact. 4,518,213, 5-21-85, Cl. 339-48.000.

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Galluzzi, Giovanni, to Giulio Fiocchi S.p.A. Self-propelling projectile for firearms. 4,537,134, 8-27-85, Cl. 102-380.000.

Galluzzo, Angela: *See—*

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Galopin, Fernand. Measured charge dispenser, particularly for powdered material. 4,531,658, 7-30-85, Cl. 222-181.000.

Galperin, Alexander: *See—*

Clayton, Wilson A.; and Galperin, Alexander, 4,492,948, Cl. 338-25.000.

Galstaun, Lionel S., to Bechtel International Corporation. Process for desulfurization of fuel gas. 4,552,572, 11-12-85, Cl. 55-36.000.

Galster, Hans-Peter; and Despot, Janko, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Ink metering device. 4,527,477, 7-9-85, Cl. 101-365.000.

Galster, Hans-Peter, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Mechanism for the lateral alignment of sheets in a printing machine. 4,533,134, 8-6-85, Cl. 271-240.000.

Galtz, Rudiger, to Webasto-Werk W. Baier GmbH & Co. Hot-air heater. 4,519,375, 5-28-85, Cl. 126-110.00B.

Galus, Dean M.; and Sill, Brian E., to Singer Company, The. High performance control loading system for manually-operable controls in a vehicle simulator. 4,504,233, 3-12-85, Cl. 434-45.000.

Galuschak, George; and Stomber, Richard J., to Singer Company, The. Heading indicator. 4,512,086, 4-23-85, Cl. 33-324.000.

Galusztainc, Vladilen A.: *See—*

Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.

Galvan, Paul A.: *See—*

Douglass, Randle; Jacquin, H. George; Chewey, Paul M.; Galvan, Paul A.; and Naragon, Richard S., 4,550,888, Cl. 244-3.220.

Galvin, Aaron A.; and Harvey, Roy L., to American District Telegraph Company. Two-wire multi-zone alarm system. 4,491,828, 1-1-85, Cl. 340-525.000.

Galvin, Aaron A.; Harvey, Roy L.; and Leff, Kenneth J., to American District Telegraph Company. Optically-based access control system. 4,544,836, 10-1-85, Cl. 235-487.000.

Galvin, Aaron A. Hot weather hat. 4,551,857, 11-12-85, Cl. 2-7.000.

Galvin, Aaron A.: *See—*

Harvey, Roy L.; Griffin, Kevin J.; Galvin, Aaron A.; and Auerbach, Louis H., 4,538,138, Cl. 340-521.000.

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Mathews, Lester R.; and Galvin, Jay, 4,561,134, Cl. 4-496.000.

Galwey, Ronald K.; and Kanazawa, Kay K., to International Business Machines Corporation. Instrument for use with an electrochemical cell. 4,498,039, 2-5-85, Cl. 323-234.000.

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Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.

Gam Rad, Inc.: *See—*

Subsara, William P.; and Levonius, Michael R., 4,543,175, Cl. 204-400.000.

Gama, Yasuo: *See—*

Suzuki, Hiroshi; Gama, Yasuo; and Miyazaki, Shoji, 4,517,110, Cl. 252-180.000.

Gamarra, Jose P.: *See—*

Claunch, Carney P., II; Kridl, Thomas A.; and Gamarra, Jose P., 4,532,164, Cl. 428-36.000.

Gambaretto, Gian P., to Enichimica Secondaria S.p.A. Solid lubricant and process for preparing it. 4,529,826, 7-16-85, Cl. 570-142.000.

Gambaro, Mario: *See—*

Venturello, Carlo; and Gambaro, Mario, 4,562,299, Cl. 568-811.000.

Gambell, John A.: *See—*

Iverson, Peter B.; and Gambell, John A., 4,558,782, Cl. 206-387.000.

Gamberini, Antonio, to G.D Societa per Azioni. Cigarette packing machine. 4,559,758, 12-24-85, Cl. 53-207.000.

Gamberini, Antonio: *See—*

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Gamberini, Ernesto, to MG2 S.p.A. Method for filling containers with metered quantities of powdered materials. 4,542,835, 9-24-85, Cl. 222-1.000.

Gamberini, Ernesto, to MG2 S.p.A. Machine for filling a container with pharmaceutical products formed by paste. 4,545,412, 10-8-85, Cl. 141-129.000.

Gamble, Christopher L. Skier's accessory tool. 4,504,993, 3-19-85, Cl. 7-165.000.

Gamble, David E. Fuel system. 4,510,912, 4-16-85, Cl. 123-525.000.

Gamble, Robert L.: *See—*

Stewart, Robert D.; and Gamble, Robert L., 4,521,976, Cl. 34-10.000.

Stewart, Robert D.; and Gamble, Robert L., 4,536,121, Cl. 414-219.000.

Gamble, Ronald C.; Tin, George W.; and Williams, Lawrence E., to Vestar Research Incorporated; and City of Hope National Medical Center. Method for labeling phagocytic cells. 4,497,791, 2-5-85, Cl. 424-1.100.

Gamblin, Rodger L., to Burlington Industries, Inc. Random droplet liquid jet apparatus and process. 4,523,202, 6-11-85, Cl. 346-75.000.

Gamblin, Rodger L., to Burlington Industries, Inc. Orifice plate constructions. 4,528,070, 7-9-85, Cl. 204-11.000.

Gamblin, Rodger L., to Burlington Industries, Inc. Practical amorphous iron electroform and method for achieving same. 4,533,441, 8-6-85, Cl. 204-3.000.

Gamblin, Rodger L., to Burlington Industries, Inc. Elongated fluid jet printing apparatus. 4,550,323, 10-29-85, Cl. 346-75.000.

Gamblin, Rodger L., to Burlington Industries, Inc. Synergistic brightener combination for amorphous nickel phosphorus electroplatings. 4,554,219, 11-19-85, Cl. 428-667.000.

Gambro Cardio AB: *See—*

Johnsson, Bo A.; Losell, Ingvar E.; and Palmqvist, Sune H., 4,533,516, Cl. 422-46.000.

Gambro Crafon AB: *See—*

Hansson, Ingvar J. M.; Hakansson, Hakan B.; Igefjord, Magnus G. K.; and Wall, Berth-Ove G., 4,507,854, Cl. 29-612.000.

Gambro Engstrom AB: *See—*

Gedeon, Andras; and Mathiasson, Lennart, 4,509,359, Cl. 73-23.000.

Gedeon, Andras, 4,516,573, Cl. 128-201.130.

Gedeon, Andras; and Odselius, Leif, 4,538,605, Cl. 128-205.240.

Gambro Lundia AB: *See—*

Brorsson, Fritz L.; Dahlberg, Bengt A. G.; and Holmberg, Bengt M., 4,536,201, Cl. 55-189.000.

Claren, Jan S.; Jeppsson, Jan-Bertil; and Staehr, Peter R., 4,535,635, Cl. 73-756.000.

Jonsson, Ernst U.; Lindqvist, Sten-Borje; and Wimmerstedt, Roland V., 4,555,251, Cl. 55-48.000.

Shaldon, Stanley; Christopherson, Kjell H. I.; Falkvall, Thore E.; and Mattisson, Ulf K., 4,498,990, Cl. 210-637.000.

Game Time, Inc.: *See—*

Shannon, William H.; and Sutton, Wesley D., Jr., 4,524,966, Cl. 272-85.000.

Sutton, Wesley D., Jr., 4,516,766, Cl. 272-52.000.

West, Donald E., 4,497,484, Cl. 272-113.000.

Games: *See—*

Fertier, Marcel; and Cuny, Bernard G., 4,531,610, Cl. 182-5.000.

Gamm, Paul B., to Jung Corporation. Button latch for telescoped tubes. 4,528,998, 7-16-85, Cl. 135-75.000.

Gamm, Robert J., to Kangaroos U.S.A., Inc. Wraparound pocket for footwear. 4,547,982, 10-22-85, Cl. 36-114.000.

Gamm, Robert J., to Kangaroos U.S.A., Inc. Instep support for footwear. 4,550,511, 11-5-85, Cl. 36-50.000.

Gamma-f Corporation: *See—*

Alford, James L.; and Terry, Robert E., 4,554,552, Cl. 343-786.000.

Gamma Medical Products, Inc.: *See—*

Schneider, Barbara, 4,512,763, Cl. 604-5.000.

Gamma-Metrics: *See—*

Lingren, Clinton L.; and Miller, James F., 4,495,144, Cl. 376-255.000.

Gamma One Conversions, Inc.: *See—*

Evans, Edwin C., 4,553,193, Cl. 362-8.000.

Gammill, Ronald B., to Upjohn Company, The. Furochromone intermediates. 4,532,340, 7-30-85, Cl. 549-471.000.

Gammill, Ronald B., to Upjohn Company, The. Antiatherosclerotic aminoethenyl furochromones. 4,540,798, 9-10-85, Cl. 549-387.000.

Gammill, Ronald B., to Upjohn Company, The. 4-hydroxy-furochromone intermediates for antiathersclerotic compounds. 4,542,228, 9-17-85, Cl. 549-387.000.

Gammill, Ronald B., to Upjohn Company, The. 1-(6-hydroxy-4- or -7-methoxy-5-Benzofuranyl)-4-substituted-1,3-butanediones. 4,546,177, 10-8-85, Cl. 544-58.700.

Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, to Fanuc Ltd. Wire-cut electric discharge machine control system to compensate for wire flexure during machining. 4,520,253, 5-28-85, Cl. 217-69.00W.

Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, to Fanuc Ltd. Wire-cut electric discharge machine controller for compensating the machining cornering parameters. 4,523,073, 6-11-85, Cl. 219-69.00W.

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Gamo, Ryoji: *See—*

Mihara, Yuji; and Gamo, Ryoji, 4,532,600, Cl. 364-565.000.

Gamroth, Arthur P. Heating unit. 4,493,270, 1-15-85, Cl. 110-188.000.

Gamroth, Michael: *See—*

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Gamson, Alan R.; and Kellner, Phillip R., to Crosfield Electronic Limited. Method of making a planographic printing member with aluminium silicate. 4,555,475, 11-26-85, Cl. 430-309.000.

Gamson, Alan R.: *See—*

Rigg, Anthony W.; Kellner, Phillip R.; Sahi, Mohammed A.; and Gamson, Alan R., 4,528,909, Cl. 101-395.000.

Gamze, Maurice G.; and Sprung, Louis H. Variable-speed constant-frequency alternator. 4,510,433, 4-9-85, Cl. 322-32.000.

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., to Zavod-Vtuz Pri Moskovskom Avtomobilnom Zavode Imeni I.A. Likhacheva; and Moskovskoe Vysshee Tekhnicheskoe Uchilische Imeni N. E. Baumana. Press. 4,559,807, 12-24-85, Cl. 72-454.000.

Gancy, Alan B. Nonpolluting salts and method of making same. 4,511,485, 4-16-85, Cl. 252-70.000.

Ganczak, Edward G.: *See—*

Chaplin, John B.; and Ganczak, Edward G., 4,498,873, Cl. 440-82.000.

Gander, Terence W.; and Widden, Charles G. Storage apparatus. 4,516,812, 5-14-85, Cl. 312-12.000.

Gandhi, Bhupen: *See—*

Truscott, George J.; Bauer, James J.; and Gandhi, Bhupen, 4,500,819, Cl. 318-106.000.

Gandhi, Haren S.; and Watkins, William L. H., to Ford Motor Company. Method of operating an internal combustion engine on a methanol fuel. 4,499,863, 2-19-85, Cl. 123-3.000.

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Adams, Karen M.; and Gandhi, Haren S., 4,508,691, Cl. 423-213.500.

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Gandolfi, Carmelo: *See—*

Faustini, Franco; Villa, Vittoria; Gandolfi, Carmelo; and di Salle, Enrico, 4,543,353, Cl. 514-236.000.

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Mongelli, Nicola; and Gandolfi, Carmelo, 4,514,396, Cl. 514-222.000.

Gandrud, Dale E., to Gandy Company. Membrane switch for hopper. 4,504,709, 3-12-85, Cl. 200-52.00R.

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Gandrud, Dale E., 4,504,709, Cl. 200-52.00R.

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Ganea, Doina: *See—*

Teodorescu, Marius C.; Gaspar, Alexander M.; Spear, Gregory T.; Ganea, Doina; and Skosey, John L., 4,499,186, Cl. 435-23.000.

Ganek, Jerome S.; and Ganek, Lee G., to Ciracco Metal Fabricating Co., Inc. Snap-fit sheet metal cover for portable oil-filled radiators and method of manufacture. 4,493,974, 1-15-85, Cl. 219-341.000.

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Ganek, Jerome S.; and Ganek, Lee G., 4,493,974, Cl. 219-341.000.

Ganellin, Charon R.; Ife, Robert J.; and Owen, David A. A., to Smith Kline & French Laboratories Limited. 2-substituted alkylaminopyrimidones. 4,558,128, 12-10-85, Cl. 544-320.000.

Ganellin, Charon R.: *See—*

Durant, Graham J.; and Ganellin, Charon R., 4,499,101, Cl. 514-374.000.

Durant, Graham J.; Emmett, John C.; and Ganellin, Charon R., 4,537,779, Cl. 514-275.000.

Ganem, Herve, to Thomson-CSF. Electronic antenna decoupling process and device. 4,493,111, 1-8-85, Cl. 455-79.000.

Ganesan, Apparajan, to AT&T Technologies, Inc. Switched capacitor circuits. 4,531,106, 7-23-85, Cl. 333-173.000.

Ganesan, Apparajan: *See—*

Beale, Richard G.; and Ganesan, Apparajan, 4,544,878, Cl. 323-315.000.

Burson, Kyle L.; Early, Scott H.; and Ganesan, Apparajan, 4,554,515, Cl. 330-261.000.

Fleischer, Paul E.; Ganesan, Apparajan; and Laker, Kenneth R., 4,492,935, Cl. 331-135.000.

Gang-Nail Systems, Inc.: *See—*

Gottlieb, Robert, 4,541,218, Cl. 52-694.000.

Palacio, Joaquin J.; and Cristobal, Carlos C., 4,490,956, Cl. 52-639.000.

Palacio, Joaquin J.; and Cristobal, Carlos C., 4,523,419, Cl. 52-690.000.

Palacio, Joaquin J.; and Cristobal, Carlos C., 4,525,972, Cl. 52-643.000.

Rionda, Carlos S.; and Palacio, Joaquin J., 4,546,579, Cl. 52-92.000.

Rionda, Carlos S.; and Palacio, Joaquin J., 4,555,887, Cl. 52-712.000.

Rionda, Carlos S.; and Palacio, Joaquin J., 4,561,230, Cl. 52-289.000.

Gange, Lester; and Pannell, Reginald J. H., to Gange, Lester; Pannell, Reginald James Harding; and E.D.T. Electrostatic Deposition Technologies S.p.A. Process and apparatus for electrostatic application of liquids or powders on substances or objects. 4,520,754, 6-4-85, Cl. 118-626.000.

Gange, Robert A., to RCA Corporation. Cathode structure for a cathodoluminescent display devices. 4,532,452, 7-30-85, Cl. 313-346.00R.

Gange, Robert A., to RCA Corporation. Line cathode heater and support structure for a flat panel display device. 4,551,648, 11-5-85, Cl. 313-37.000.

Gange, Toshihiko: *See—*

Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.

Gangemi, Giovanni; and Sefusatti, Giuseppe, to Galber Automazione e Strumentazione Elettronica di Gangemi & C. S.n.c. System for selectively addressing electrical control signals from a control unit to a plurality of remote units. 4,540,890, 9-10-85, Cl. 307-40.000.

Ganguly, Achintya K.: *See—*

Read, Michael E.; Carmel, Yuval; Chu, Kwo R.; and Ganguly, Achintya K., 4,554,484, Cl. 315-4.000.

Ganguly, Ashit K.: *See—*

Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., 4,503,064, Cl. 514-210.000.

Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., 4,530,793, Cl. 260-245.20R.

Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Versace, Richard W.; and Patel, Naginbhai M., 4,559,333, Cl. 514-192.000.

McCombie, Stuart W.; Ganguly, Ashit K.; and Girijavallabhan, Viyyoor M., 4,504,485, Cl. 514-192.000.

Ganho, Eli A. Process and compositions for lithographic printing in multiple layers. 4,536,218, 8-20-85, Cl. 106-290.000.

Gann, Steven N. Method and apparatus for use in drill string make up. 4,501,335, 2-26-85, Cl. 173-12.000.

Gannaway, Thomas W.: *See—*

Zimmerman, Bonnie L.; Gannaway, Thomas W.; Resinski, Lawrence J.; and Devita, Philip S., 4,541,806, Cl. 434-258.000.

Gannett, Joel W., to AT&T Bell Laboratories. Self-testing digital circuits. 4,551,838, 11-5-85, Cl. 371-25.000.

Gannett, Thomas P.: *See—*

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Gannon, Charles R.: *See—*

Wombles, Robert H.; Carlos, Donald D.; and Gannon, Charles R., 4,544,411, Cl. 106-279.000.

Gannon, James J., to F.I.N.D. Research Corporation. Process of separating husks from dried spent grains. 4,547,382, 10-15-85, Cl. 426-482.000.

- Gannon, John A.: *See—*
  - Seymour, John P.; and Gannon, John A., 4,526,940, Cl. 525-526.000.
- Gannon, Mark A.; and Yester, Francis R., Jr., to Motorola, Inc. Method for maintaining constant bandwidth over a frequency spectrum in a dielectric resonator filter. 4,559,490, 12-17-85, Cl. 333-202.000.
- Gano, Barclay P.; and Rucker, James L., to Owens-Corning Fiberglas Corporation. Method and apparatus to automatically apply a liquid dust inhibitor to fiberglass blowing wool. 4,542,044, 9-17-85, Cl. 427-215.000.
- Gano, John C.; and Perkins, Donald H., to Otis Engineering Corporation. Well packer. 4,512,399, 4-23-85, Cl. 166-120.000.
- Gano, John C.; and Kohn, Gary A., to Otis Engineering Corporation. Valve. 4,535,968, 8-20-85, Cl. 251-58.000.
- Ganoe, Oscar L.: *See—*
  - Mentzell, Walter J.; and Ganoe, Oscar L., 4,509,377, Cl. 73-862.560.
- Ganoung, David P. Apparatus using a continuously variable transmission to improve fuel economy. 4,505,169, 3-19-85, Cl. 74-858.000.
- Ganoung, Jeffrey S.: *See—*
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- Gans, Karl: *See—*
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- Ganson, John P. Apparatus and method for showing motion in a single photograph. 4,522,475, 6-11-85, Cl. 352-39.000.
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  - Marx, Matthias; Ganss, Helmut; and Frank, Wolfram, 4,514,526, Cl. 521-166.000.
- Ganssle, Eugene R.; and Miller, Claude P., to RCA Corporation. Reflector antenna mounted in thermal distortion isolation. 4,550,319, 10-29-85, Cl. 343-882.000.
- Gant, Lawrence A., to United States of America, Army. Military wheel-tire assembly. 4,533,183, 8-6-85, Cl. 301-37.0TC.
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- Ganter, Wolfgang, to Gebruder Junghans GmbH. Wristwatch having tubular seal and method for assembly. 4,548,514, 10-22-85, Cl. 368-291.000.
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- Gantz, Marvin E., Jr.: *See—*
  - Bowman, Kenneth A.; and Gantz, Marvin E., Jr., 4,498,523, Cl. 164-477.000.
- Gantzer, Jean-Paul: *See—*
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  - Cermignani, Justine D.; and Ganz, Frederick M., 4,514,734, Cl. 343-708.000.
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  - Muller, Hans; and May, Stefan, 4,557,596, Cl. 355-132.000.
  - Stenzel, Gerhard, 4,527,051, Cl. 235-380.000.
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  - Bossina, Jaap, 4,511,068, Cl. 222-257.000.
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- Garascia, David C.: *See—*
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  - Meyers, George; and Mueller, David C., 4,503,975, Cl. 206-486.000.
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Garcia, Enrique, to Enrique Garcia Associates. Solar shield assembly. 4,498,262, 2-12-85, Cl. 52-173.00R.

Garcia, Enrique, to Perkin-Elmer Corporation, The. Image acquisition system. 4,555,733, 11-26-85, Cl. 358-293.000.

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Campoli, Alan A.; and Garcia, Fred, 4,500,329, Cl. 55-189.000.

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Garcia, Graham A.; and Cowen, Steven J., to United States of America, Navy. Semiconductor laser end-facet coatings for use in solid or liquid environments. 4,510,607, 4-9-85, Cl. 372-49.000.

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Garcia, Juan R. Cross. 4,525,821, 6-25-85, Cl. 369-31.000.

Garcia, Leonard M., to Cordis Corporation. Suture collar. 4,516,584, 5-14-85, Cl. 128-785.000.

Garcia, Manuel E. Board game. 4,515,370, 5-7-85, Cl. 273-258.000.

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Garcia, Rodrigo A.; and Martinovich, Robert J., to Phillips Petroleum Company. Halogenated organic peroxides in flame retardant ethylene polymer compositions. 4,525,516, 6-25-85, Cl. 524-380.000.

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Garcia, Teresa A., personal representative: *See—*

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Garcia, Tony P. Apparatus for filling a device with a fluid. 4,497,351, 2-5-85, Cl. 141-329.000.

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Gardano, Andrea; Francalanci, Franco; and Foa, Marco, to Montedison S.p.A. Process for the preparation of alpha-aryl-propionic acids and alkaline salts thereof. 4,536,595, 8-20-85, Cl. 562-406.000.

Gardano, Andrea: *See—*

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Garde, John H.: *See—*

MacNamara, Barry A.; and Garde, John H., 4,526,264, Cl. 194-1.00N.

Garde, Peter, to Unisearch Limited. High-efficiency low distortion parallel amplifier. 4,516,080, 5-7-85, Cl. 330-3.000.

Garde, Peter, to Unisearch Limited. High-efficiency feedforward-error-correction amplifier. 4,523,152, 6-11-85, Cl. 330-151.000.

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Gardellini, Giovanni: *See—*

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Gardi, Ivan: *See—*

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Gardikes, John J.: *See—*

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Gardiner, George K.; and Norris, Dean E., to Motorola, Inc. Anti-stalling rotating antenna buoy system using wind deflecting plates. 4,509,054, 4-2-85, Cl. 343-709.000.

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Gardiner, Richard J., to Hercules Incorporated. Method of making a curved composite beam. 4,512,835, 4-23-85, Cl. 156-174.000.

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Clausen, Herbert J., 4,493,820, Cl. 423-310.000.

Gardner, Arthur W., to CDA Industries, Inc. Electrified ceiling system. 4,540,847, 9-10-85, Cl. 174-48.000.

Gardner, Beth A.: *See—*

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Gardner, Bruce C.; Ingold, Daniel L.; and May, David A., to Appropriate Technology Corporation. Edge seal and rerailer for insulating shade. 4,516,618, 5-14-85, Cl. 160-120.000.

Gardner, Colin R.: *See—*

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Gardner, David L., to Battelle Development Corporation. Dual Microcapsules and process for their preparation. 4,532,123, 7-30-85, Cl. 424-21.000.

Gardner, David M.: *See—*

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Gardner, Donald E.: *See—*

Kaufman, Jack W.; and Gardner, Donald E., 4,516,970, Cl. 604-270.000.

Gardner, E. Boyd: *See—*

Suomala, John E.; Bratton, Kenneth L.; Bergsten, Sten E.; Savic, Nicolas M.; and Gardner, E. Boyd, 4,554,000, Cl. 65-129.000.

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Gardner, Edward B.: *See—*

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Gardner, Gary L.; and Greathouse, Chester K., to Powermatic - Houdaille, Inc. Spindle shaper. 4,557,303, 12-10-85, Cl. 144-145.00A.

Gardner, Gary M.; and Semple, J. Edward, to Shell Oil Company. N-L-seryl-3-azetidinecarboxylic acid. 4,534,787, 8-13-85, Cl. 71-88.000.

Gardner, Harry E., to Umetco Minerals Corporation. Process for the production of vanadyl hydrate. 4,540,562, 9-10-85, Cl. 423-592.000

Gardner, Hugh C.; Michno, Michael J., Jr.; and Brode, George L., to Union Carbide Corporation. Preimpregnated reinforcements and high strength composites therefrom. 4,517,321, 5-14-85, Cl. 523-400.000.

Gardner, Hugh C., to Union Carbide Corporation. Process for producing dicyclopentadienyl-modified polyester compositions. 4,522,977, 6-11-85, Cl. 525-48.000.

Gardner, Hugh C., to Union Carbide Corporation. Low viscosity, dicyclopentadienyl-modified polyester compositions and a process for the preparation thereof. 4,522,978, 6-11-85, Cl. 525-48.000.

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Gardner, James A.: *See—*
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Gardner, John F.; and Showalter, Thomas W., to Xomox Corporation. Fail-safe actuator with fusible link. 4,503,675, 3-12-85, Cl. 60-527.000.

Gardner, John F.; and Hobson, David, to Xomox Corporation. Valve assembly and method of making same. 4,518,149, 5-21-85, Cl. 251-144.000.

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Gardner, Kathleen E. Typewriter keyboard layout. 4,519,721, 5-28-85, Cl. 400-472.000.

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Gardner, Michael S. Applicator for livestock tag. 4,552,147, 11-12-85, Cl. 128-330.000.

Gardner, Nigel C.: *See—*
Jenkins, James O. M.; and Gardner, Nigel C., 4,535,203, Cl. 179-81.00R.

Gardner, Norman A.; and Voticky, Michael P., to Nocopi Inc. Method of rendering documents resistant to photocopying, and anti-copying paper and ink therefor. 4,522,429, 6-11-85, Cl. 283-91.000.

Gardner, Phillip J.: *See—*
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Gardner, Richard N., to Minnesota Mining and Manufacturing Company. Austenitic manganese steel-containing composite article. 4,491,558, 1-1-85, Cl. 419-23.000.

Gardner, Richard N.; and Dillon, Kenneth R., to Minnesota Mining and Manufacturing Company. Infiltrated powered metal composite article. 4,554,218, 11-19-85, Cl. 428-567.000.

Gardner, Robert F.; and Rohn, Bruce D., to General Motors Corporation. Sequential fuel injection sync pulse generator. 4,543,936, 10-1-85, Cl. 123-475.000.

Gardner, Robert W.; Guile, Donald L.; and Lynn, Merrill, to Corning Glass Works. Process for mixing and extruding ceramic materials. 4,551,295, 11-5-85, Cl. 264-177.00R.

Gardner, Samuel A.; and Ban, Thomas E., to Davy McKee Corporation. Desulfurization of phosphogypsum. 4,503,018, 3-5-85, Cl. 423-168.000.

Gardner, Thomas J.: *See—*
Bork, Carl R., Jr.; Steiss, William C.; Tobbe, William P.; Shufflebarger, Earl D.; Matousek, Stephen; and Gardner, Thomas J., 4,530,373, Cl. 137-516.290.

Gardner, William B.; Patel, Parbhubhai D.; Philen, Dan L.; and Santana, Manuel R., to AT&T Bell Laboratories. Measuring compression of cabled optical fibers. 4,555,175, 11-26-85, Cl. 356-32.000.

Gardner, William J.: *See—*
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Fedorovich, George; Kirkland, Kenneth C.; and McGraw, Jim F., 4,552,367, Cl. 277-1.000.
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- Garner, Daniel C.: *See—*
  - Gillett, James E.; Garner, Daniel C.; Wineman, Arthur L.; and Robey, Robert M., 4,517,927, Cl. 122-510.000.
- Garner, Derek H., to USM Corporation. Gripper assembly. 4,499,622, 2-19-85, Cl. 12-14.500.
- Garner, Edward D. Dressing tool for grinding wheels. 4,527,537, 7-9-85, Cl. 125-11.0TP.
- Garner, Geoffrey M.; and Salloway, Anthony J., to Plessey Overseas Limited. Telephone handsets. 4,514,596, 4-30-85, Cl. 179-84.00T.
- Garner-Gray, Peter F., to Lever Brothers Company. Solid detergent composition containing sodium perborate monohydrate having specified surface area. 4,539,131, 9-3-85, Cl. 252-99.000.
- Garner, James W.: *See—*
  - Jack, Douglas S.; and Garner, James W., 4,541,938, Cl. 252-33.000.
- Garner, John N.; and Shannon, Michael A., to Northern Telecom Limited. Method of production of dielectric insulation layers upon electrical conductors. 4,515,826, 5-7-85, Cl. 427-8.000.
- Garner, John N., to Northern Telecom Limited. Manufacture of telecommunications cable core units. 4,554,782, 11-26-85, Cl. 57-66.000.
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- Garner, Joseph L., to Dow Chemical Company, The. Process for preparing cellulose ethers. 4,547,570, 10-15-85, Cl. 536-84.000.
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- Garner, Robert H.: *See—*
  - Cook, Jerry A.; Garner, Robert H.; Turner, Ralph E., Jr.; and Bilimoria, Bomi M., 4,561,597, Cl. 241-17.000.
- Garner, Ronald S., Sr. Game apparatus. 4,523,762, 6-18-85, Cl. 273-411.000.
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- Garnett, Willard R.; and Scofield, Robert L., to Emerson Electric Co. Switching cable assembly. 4,502,744, 3-5-85, Cl. 339-14.00R.
- Garnett, William A.: *See—*
  - Ramirez, Joe D.; Gorin, Steven E.; and Garnett, William A., 4,508,490, Cl. 417-234.000.
- Garnier, Francis: *See—*
  - Dubois, Jean C.; Tourillon, Gerard; and Garnier, Francis, 4,543,306, Cl. 429-194.000.
  - Gazard, Maryse; Tourillon, Gerard; and Garnier, Francis, 4,502,934, Cl. 204-242.000.
- Garpendahl, Gunnar: *See—*
  - Forsgren, Roland; Garpendahl, Gunnar; Eriksson, Hans; and Wallentin, Bengt, 4,558,311, Cl. 340-680.000.
- Garran Enterprises Limited: *See—*
  - MacCanna, Cathal, 4,545,186, Cl. 56-327.00R.
- Garratt, John N.: *See—*
  - Wise, Thomas J.; and Garratt, John N., 4,514,103, Cl. 138-106.000.
- Garren, Frederick G. Medication for treatment of poison oak irritation and inflammation. 4,499,086, 2-12-85, Cl. 424-195.100.
- Garretson, Oliver R.: *See—*
  - Okubo, Masao; Yoshimitsu, Yasuro; Nakai, Fumio; and Garretson, Oliver R., 4,518,914, Cl. 324-158.00F.
- Garrett, Charles B., to Varian Associates, Inc. Wafer transport system. 4,518,078, 5-21-85, Cl. 198-775.000.
- Garrett, Charles B., to Varian Associates, Inc. Magnetron sputter etching system. 4,552,639, 11-12-85, Cl. 204-298.000.
- Garrett, Charles B., to Varian Associates, Inc. Wafer lifting and holding apparatus. 4,558,984, 12-17-85, Cl. 414-609.000.
- Garrett Corporation, The: *See—*
  - Bailey, David A., 4,494,051, Cl. 318-254.000.
  - Benedict, Gary F., 4,533,400, Cl. 148-4.000.
  - Benedict, Gary F.; and Eskildsen, Jim, 4,539,461, Cl. 219-121.00L.
  - Bunkoczy, Bela, 4,561,476, Cl. 141-311.00R.
  - Cholvin, Robert L.; McInerney, Charles E.; Nancarrow, James N.; and Gantz, Jack L., 4,513,730, Cl. 123-564.000.
  - Cholvin, Robert L.; McInerney, Charles E.; Nancarrow, James N.; and Gantz, Jack L., 4,515,136, Cl. 123-564.000.
  - Corrigan, Charles E.; and Dodge, Paul R., 4,497,171, Cl. 60-39.750.
  - Elliott, Harry A.; and White, John T., 4,497,170, Cl. 60-39.030.
  - Gersch, Herbert M.; and Brown, Glenn W., 4,556,528, Cl. 264-221.000.
  - Graves, Richard F., 4,511,106, Cl. 248-65.000.
  - Hardy, James A.; and Alfano, David L., 4,519,373, Cl. 123-559.000.
  - Jamison, Terry, 4,517,803, Cl. 60-611.000.
  - Kasabian, George, 4,549,341, Cl. 29-598.000.
  - Kitaguchi, Sam S., 4,543,038, Cl. 415-112.000.
  - Klaass, Reinhard M.; and Suriano, Francis J., 4,502,795, Cl. 384-103.000.
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  - Kobayashi, Robert J.; Nancarrow, James H.; and Alger, Jeffrey L., 4,517,802, Cl. 60-606.000.
  - Lewis, Leon D., 4,551,972, Cl. 60-39.281.
  - Linder, Charles G., 4,531,356, Cl. 60-39.020.
  - Malcolm, Bruce, 4,526,262, Cl. 193-25.00B.
  - Manatt, Scott A., 4,508,548, Cl. 55-158.000.
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  - McDonald, George H.; and Manatt, Scott A., 4,560,394, Cl. 55-16.000.
  - Mitchell, John D., 4,506,690, Cl. 137-1.000.
  - Mongia, Hukam C.; Coleman, Edwin B.; and Bruce, Thomas W., 4,532,762, Cl. 60-39.230.
  - Mongia, Hukam C.; Coleman, Edwin B.; and Bruce, Thomas W., 4,545,196, Cl. 60-39.230.
  - Ness, Ronald J., 4,505,105, Cl. 60-200.100.
  - Palmer, Donald L., 4,543,036, Cl. 415-1.000.
  - Rowland, Charles M.; and Denneny, James A., Jr., 4,506,594, Cl. 98-1.500.
  - Terp, Leslie S., 4,560,121, Cl. 244-3.220.
  - Thurston, John F., 4,508,127, Cl. 137-8.000.
  - Wallace, Frank B., Jr., 4,527,388, Cl. 60-204.000.
  - Weigand, Francis K.; and Nickel, William H., 4,554,784, Cl. 60-39.020
  - Wieland, Kurt H.; Spencer, Donald M.; and Kinsell, Robert C., 4,503,683, Cl. 62-86.000.
  - Wieland, Kurt H., 4,507,939, Cl. 62-402.000.
  - Wong, Paul P.; Lippold, John B.; and Burgess, Glenn A., 4,553,474, Cl. 98-1.500.
- Garrett, Dennis L., to International Housing Limited. Insulated concrete wall. 4,541,211, 9-17-85, Cl. 52-98.000.
- Garrett, Ernest R.; and Chambers, Charles A., to Garrett, Ernest R. Container top opening means. 4,550,851, 11-5-85, Cl. 220-277.000.
- Garrett, James R.: *See—*
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- Garrett, Keith C., to AES Engineering Limited. Stationary assembly for mechanical shaft seal. 4,509,762, 4-9-85, Cl. 277-81.00R.
- Garrett, Lloyd W.: *See—*
  - Bowles, Patrick J.; and Garrett, Lloyd W., 4,549,644, Cl. 198-341.000.
- Garrett, Luther W., Jr., to Petro-Williams Service Company. Process for treating contaminated transformer oil. 4,498,992, 2-12-85, Cl. 210-664.000.
- Garrett, Michael J.: *See—*
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- Garrett, Thomas R.: *See—*
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- Garrett, William R., to Smith International, Inc. Method of making a drill pipe wear sleeve assembly and product thereof. 4,499,924, 2-19-85, Cl. 138-110.000.
- Garrett, William R., to Hughes Tool Company. Roller reamer. 4,542,797, 9-24-85, Cl. 175-228.000.
- Garrett, William R., to Hughes Tool Company. Roller-reamer. 4,561,508, 12-31-85, Cl. 175-347.000.
- Garrett, William R.: *See—*
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  - Forry, John S.; and Garrick, John R., 4,562,510, Cl. 361-212.000.
- Garriga, Eliseo B. Anodizing method. 4,526,660, 7-2-85, Cl. 204-58.000.
- Garrison, Dana R.: *See—*
  - Higgins, Queenie D.; and Garrison, Dana R., 4,541,360, Cl. 119-1.000.
- Garrison, Frank E.; and Harth, George H., III, to Babcock & Wilcox Company, The. Thermal sleeve for superheater nozzle to header connection. 4,526,137, 7-2-85, Cl. 122-476.000.
- Garrison, Harold K.: *See—*
  - Hill, Amos G.; and Garrison, Harold K., 4,494,904, Cl. 414-491.000.
- Garrison, Lee E.: *See—*
  - Heck, Samuel C.; and Garrison, Lee E., 4,534,669, Cl. 401-134.000.
- Garrison, William E., Jr., to Du Pont de Nemours, E. I., and Company. Fast crystallizing polyester resin containing three-component crystallization system. 4,548,978, 10-22-85, Cl. 524-314.000.
- Garritano, Ronald F., to Rheometrics, Inc. Compensated rheometer. 4,501,155, 2-26-85, Cl. 73-847.000.
- Garro, Jose I. P. Change code system in combination padlocks. 4,531,388, 7-30-85, Cl. 70-25.000.
- Garrocho, Jose M. Miniature pneumatic punch. 4,534,250, 8-13-85, Cl. 83-98.000.
- Garrou, Philip E.: *See—*
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  - Wood, Clayton D.; Garrou, Philip E.; Kohatsu, Iwao; and Gleason, Edward F., 4,559,364, Cl. 518-715.000.
- Garside, David, to 128980 Canada Inc. Expendable refrigeration control. 4,513,582, 4-30-85, Cl. 62-222.000.
- Garsin, Paul A., to Xerox Corporation. Charge particle removal device. 4,533,236, 8-6-85, Cl. 355-15.000.
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- Garst, Roger H.; Tuller, Frank N.; and Tucker, Charles R., to National Distillers and Chemical Corporation. Liquid quaternary ammonium antistatic compositions. 4,540,521, 9-10-85, Cl. 260-459.00A.

- Garthe, Horst: *See—*
  - Reim, Werner; and Garthe, Horst, 4,502,262, Cl. 53-157.000.
- Gartmann, Russell J.; and Brown, James S., to Transamerica DeLaval Inc. Demineralization of feed water in a steam system. 4,510,755, 4-16-85, Cl. 60-657.000.
- Gartner, Fritz, to Josef Gartner & Co. Swing-tilt fitting for window or doors. 4,541,200, 9-17-85, Cl. 49-192.000.
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- Gartner, Georg, to U.S. Philips Corporation. Thermionic cathode and method of manufacturing same. 4,524,297, 6-18-85, Cl. 313-346.00R.
- Gartner, Georg; and Gotje, Egbert B. G. W., to U.S. Philips Corporation. Method of making a borided dispenser cathode. 4,530,669, 7-23-85, Cl. 445-51.000.
- Gartner, Georg: *See—*
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  - Feldmann, Hugo; Hollmann, Friedrich; Beisemann, Gerd; and Gartner, Horst, 4,519,233, Cl. 72-247.000.
- Gartner, Joseph J. Electric motor fault and dynamic braking protection system. 4,536,686, 8-20-85, Cl. 318-434.000.
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- Gartner, Karl, to Yoshida Kogyo K.K. Cooling and heating air jet device in building interior or exterior structure. 4,523,716, 6-18-85, Cl. 237-56.000.
- Gartner, Karl, to Yoshida Kogyo K.K. Apparatus for connecting upper and lower curtain wall units in a unit type curtain wall. 4,525,962, 7-2-85, Cl. 52-235.000.
- Gartner, Karl, to Yoshida Kogyo K.K. Section for mounting a curtain wall. 4,525,963, 7-2-85, Cl. 52-235.000.
- Gartner, Karl, to Yoshida Kogyo K.K. Rooftop parapet for thermally-insulated curtain wall. 4,531,332, 7-30-85, Cl. 52-58.000.
- Gartner, Karl, to Yoshida Kogyo K.K. Mullion portion in a unit type curtain wall. 4,531,336, 7-30-85, Cl. 52-209.000.
- Gartner, Karl, to Yoshida Kogyo K.K. Plug for use in thermal-medium passages in air conditioning systems. 4,531,550, 7-30-85, Cl. 138-89.000.
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- Gartner, Karl, to Yoshida Kogyo K.K. Thermal insulating window for application in curtain walls. 4,537,000, 8-27-85, Cl. 52-235.000.
- Gartner, Karl, to Yoshida Kogyo K.K. Unit curtain wall. 4,546,582, 10-15-85, Cl. 52-235.000.
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- Garton, John W., to Access Engineering Ltd. Vertically movable, road towable work platform. 4,498,556, 2-12-85, Cl. 182-19.000.
- Garton, Robert E., Jr.; and Viglietti, John E., to American Orthodontics Corporation. Edgewise bracket. 4,536,154, 8-20-85, Cl. 433-8.000.
- Garton, Stanley C.: *See—*
  - Hoyt, Robert M.; Bobbitt, Donald E.; Bartee, Gary E.; Garton, Stanley C.; and Pilliard, J. Paul, 4,499,698, Cl. 52-157.000.
- Gartside, Robert J.; and Woebcke, Herman N., to Stone & Webster Engineering Corporation. Low residence time solid-gas separation process. 4,544,480, 10-1-85, Cl. 208-127.000.
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- Gartside, Robert J.; and Woebcke, Herman N., to Stone & Webster Engineering Corporation. Low residence time solid-gas separation device and system. 4,556,541, 12-3-85, Cl. 422-145.000.
- Gartung, Clifford W., to Pleion Corporation. Modular screen assembly. 4,561,229, 12-31-85, Cl. 52-239.000.
- Garver, Edward B., Sr.; and Zabielski, Kenneth D., to Baxter Travenol Laboratories, Inc. Assembly employing a breakable thermal bond which is not substantially effected by prolonged heat exposure. 4,508,534, 4-2-85, Cl. 604-111.000.
- Garverick, Timothy L.; and Carinalli, Charles P., to National Semiconductor Corporation. Active high before open three state integrated circuit output stage. 4,529,895, 7-16-85, Cl. 307-473.000.
- Garvey, Christopher M.: *See—*
  - Son, Adelina J.; Neal, Vernon S.; and Garvey, Christopher M., 4,526,693, Cl. 252-8.50B.
- Garvey, Daniel C.; and Fiolkoski, Richard D., to Woodward Governor Company. Engine and transmission control system for combines and the like. 4,542,802, 9-24-85, Cl. 180-306.000.
- Garvey, Robert M., to Frequency and Time Systems, Inc. Autolock for resonators for frequency standards. 4,499,433, 2-12-85, Cl. 331-3.000.
- Garvin, Stacy J.: *See—*
  - Cranford, Hayden C., Jr.; and Garvin, Stacy J., 4,536,720, Cl. 331-57.000.
- Garvison, Geary L. Bowstring release mechanism. 4,509,497, 4-9-85, Cl. 124-35.00A.
- Garvison, Geary L. Bowstring release device. 4,539,968, 9-10-85, Cl. 124-35.00A.
- Garwin, Leo, to Southwest Services, Inc. Method for producing isotopically enriched helium-4 and use of same as nuclear reactor coolant. 4,525,186, 6-25-85, Cl. 62-22.000.
- Garwin, Richard L.; and Levine, James L., to International Business Machines Corporation. Force sensing data input device responding to the release of pressure force. 4,511,760, 4-16-85, Cl. 178-18.000.
- Garwin, Richard L.; and Levine, James L., to International Business Machines Corporation. Indicator to data processing interface. 4,558,313, 12-10-85, Cl. 340-709.000.
- Garwood, Donald C.; and Kathiriya, Shiraz A., to Minnesota Mining and Manufacturing Company. Water-activated casting material. 4,502,479, 3-5-85, Cl. 128-90.000.
- Garwood, William E.; and Schoennagel, Hans J., to Mobil Oil Corporation. Process for converting olefins to high viscosity index lubricants. 4,547,613, 10-15-85, Cl. 585-533.000.
- Garwood, William E.; Kuo, James C.; Jacob, Solomon M.; and Wise, John J., to Mobil Oil Corporation. Conversion of coal to electricity. 4,549,396, 10-29-85, Cl. 60-39.020.
- Garwood, William E.: *See—*
  - Chester, Arthur W.; Garwood, William E.; and Schwartz, Albert B., 4,517,399, Cl. 585-533.000.
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- Garza, Richard G.; Sayegh, Pinhas; and Bjorklund, James R., to RCA Corporation. Eye-moving mechanism for a figure toy. 4,560,363, 12-24-85, Cl. 446-342.000.
- Garzulano, Franco: *See—*
  - Brusasca, Gianfranco; and Garzulano, Franco, 4,513,673, Cl. 112-166.000.
- Gas Conditioning Industries, Inc.: *See—*
  - Rawson, William E., 4,518,396, Cl. 48-196.00R.
- Gas Power Systems, Inc.: *See—*
  - Beeloo, Leendert A., 4,504,190, Cl. 415-166.000.
- Gas Research Institute: *See—*
  - DeWerth, Douglas W.; and Sheridan, Roger D., 4,525,141, Cl. 431-347.000.
  - Gerstmann, Joseph; and Vasilakis, Andrew D., 4,502,626, Cl. 236-20.00R.
  - Griffiths, James C., 4,550,711, Cl. 126-391.000.
  - Happel, John; Hnatow, Miguel A.; and Bajars, Laimonis, 4,491,639, Cl. 502-219.000.
  - Kendall, Robert M.; and Schreiber, Richard J., 4,494,485, Cl. 122-250.00R.
  - Krill, Wayne V.; Wong, Thomas; and Gotterba, James, 4,543,940, Cl. 126-92.0AC.
  - Mallow, William A., 4,545,820, Cl. 106-76.000.
  - Schneider, William R.; and Smith, Robert B., 4,509,243, Cl. 29-402.020.
- Gas Spring Company, Division of Fichtel & Sachs Industries, Inc.: *See—*
  - Molders, Werner; Langanke, Rolf; Sentinger, Egon; and Reuschenbach, Hermann, 4,513,953, Cl. 267-121.000.
- Gasau, Jacob, to Nestec S.A. Continuous extraction process. 4,534,985, 8-13-85, Cl. 426-432.000.
- Gasaway, John M.: *See—*
  - Collins, Patrick C.; and Gasaway, John M., 4,550,058, Cl. 428-412.000.
- Gasbarra, Anthony; and Gasbarra, Edward. Food container. 4,529,089, 7-16-85, Cl. 206-525.000.
- Gasbarra, Edward: *See—*
  - Gasbarra, Anthony; and Gasbarra, Edward, 4,529,089, Cl. 206-525.000.
- Gasbarro, Geno N. Apparatus for filleting meat from poultry breast sections. 4,557,017, 12-10-85, Cl. 17-11.000.
- Gasc, Jean-Claude: *See—*
  - Nedelec, Lucien; Gasc, Jean-Claude; and Fauveau, Patrick, 4,503,053, Cl. 514-239.000.
- Gaschler, Michael: *See—*
  - Schafer, Hans; and Gaschler, Michael, 4,492,087, Cl. 62-45.000.
- Gaschutz, Heinz. Apparatus for selectively introducing one or more of a plurality of different weft threads into an air jet weaving machine. 4,542,772, 9-24-85, Cl. 139-435.000.
- Gascuel, Jean-Paul; and Rivaillier, Jacques. Method and device for reading matrix printing text. 4,545,066, 10-1-85, Cl. 382-11.000.
- Gasdik, Charles E.: *See—*
  - Bindra, Perminder S.; David, Allan P.; Galasco, Raymond T.; Gasdik, Charles E.; Light, David N.; and Pickar, Paul B., 4,540,473, Cl. 204-52.00R.
- Gaset, Antoine: *See—*
  - Delmas, Michel; Gaset, Antoine; and Le Bigot, Yves, 4,501,910, Cl. 549-506.000.
  - Fleche, Guy; Gaset, Antoine; and Fabienne, Jacquet, 4,543,168, Cl. 204-78.000.
  - Le Bigot, Yves; Audoye, Paul; Delmas, Michel; and Gaset, Antoine, 4,562,273, Cl. 549-473.000.
- Gasiecki, Alan F.: *See—*
  - Collins, Paul W.; and Gasiecki, Alan F., 4,499,296, Cl. 560-118.000.
  - Collins, Paul W.; Gasiecki, Alan F.; and Weier, Richard M., 4,536,592, Cl. 560-53.000.

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Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.

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Gaskell, David J., to Lucas Industries Public Limited Company. Fuel injection nozzles. 4,549,696, 10-29-85, Cl. 239-452.000.

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Gaskell, Lionel A.: *See—*

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Gaskell, Philip S.; Lagadec, Roger; and McNally, Guy W., to Willi Studer AG. Apparatus for recording of digital data. 4,562,489, 12-31-85, Cl. 360-39.000.

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Kogan, Abraham; and Moore, Uri, 4,534,175, Cl. 60-649.000.

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Gaspar, Richard A., to Harris Graphics Corporation. Crimp blade holder. 4,536,176, 8-20-85, Cl. 493-365.000.

Gaspar, Richard A.; Bastian, Donald G.; and Denlinger, Timothy L., to Harris Graphics Corporation. Collating apparatus with adjustable gear. 4,554,044, 11-19-85, Cl. 156-510.000.

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Gaspardo, Luigi. Stirrer-feeder for pneumatic distributors drills. 4,511,061, 4-16-85, Cl. 221-200.000.

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Gasper, John S., to North American Van Lines, Inc. Frame fixture arrangement. 4,492,499, 1-8-85, Cl. 410-32.000.

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Gass, Karl: *See—*

Bohner, Beat; Fory, Werner; Gass, Karl; and Meyer, Willy, 4,549,898, Cl. 71-90.000.

Fory, Werner; Gass, Karl; Meyer, Willy; and Schurter, Rolf, 4,523,944, Cl. 71-92.000.

Meyer, Willy; Gass, Karl; Topfl, Werner; Schurter, Rolf; and Pissiotas, Georg, 4,551,531, Cl. 544-320.000.

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Magar, Surendar; and Gass, Wanda K., 4,519,031, Cl. 364-200.000.

Gassaway, Gary S.; Richgels, Henry J.; and Foster, James I., to Chevron Research Company. Exploration system for discovering deposits of ore, marker rock and/or economic minerals. 4,528,649, 7-9-85, Cl. 367-36.000.

Gasser, Markus, to SIG Schweizerische Industrie-Gesellschaft. Method and apparatus for deflecting articles during their conveyance. 4,499,988, 2-19-85, Cl. 198-369.000.

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Gassett, John D.: *See—*

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Gassew, Garry L.; and Samaras, Byron. Multi-purpose paint stick. 4,553,279, 11-19-85, Cl. 7-105.000.

Gassler, Hermann; Joos, Eugen; Jundt, Werner; Kubach, Hans; and Singer, Erich, to Robert Bosch GmbH. Current regulator for an electromagnetic consumer for use with internal combustion engine control. 4,491,113, 1-1-85, Cl. 123-490.000.

Gassler, Hermann; Joos, Eugen; Kubach, Hans; Maisch, Wolfgang; and Singer, Erich, to Robert Bosch GmbH. Electronically controllable and regulatable fuel metering system of an internal combustion engine. 4,501,247, 2-26-85, Cl. 123-453.000.

Gassler, Hermann; and Kosak, Wolfgang, to Robert Bosch GmbH. Apparatus for regulating the idling rpm in an internal combustion engine. 4,513,712, 4-30-85, Cl. 123-339.000.

Gassman, George W.; and Varnum, Gerald F., to Fisher Controls International, Inc. Positioner having user-adjustable dynamic response. 4,509,403, 4-9-85, Cl. 91-365.000.

Gassman, Max P., to Deere & Company. Stroke control valve. 4,498,846, 2-12-85, Cl. 417-214.000.

Gassmann, Wolfgang: *See—*

Goldner, Walther; and Gassmann, Wolfgang, 4,522,445, Cl. 297-284.000.

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Gassner, Theo; Hann, Bruno; and Kindle, Edwin, to Hilti Aktiengesellschaft. Pneumatic nailer. 4,554,861, 11-26-85, Cl. 91-446.000.

Gast, Theodor; Binder, Kurt; and Honig, Gunter, to Robert Bosch GmbH. Vibrator damping flow meter. 4,493,215, 1-15-85, Cl. 73-861.180.

Gast, Theodor; Kubach, Hans; and Binder, Kurt, to Robert Bosch GmbH. Magnetic valve. 4,512,549, 4-23-85, Cl. 251-137.000.

Gastaldo, Giancarlo, to Ing. C. Olivetti & C., S.p.A. Transparent antireflection varnish for glass supports, and related varnishing method for glass video screens. 4,518,730, 5-21-85, Cl. 524-114.000.

Gastaud, Jean M. 3,20-diketo, 6-methyl, 17-alpha-hydroxy 19-norpregna 4,6-diene, its esters and uses thereof. 4,544,555, 10-1-85, Cl. 260-397.400.

Gaster, Laramie M.; and Orlek, Barry S., to Beecham Group p.l.c. Pentacyclic compounds. 4,504,480, 3-12-85, Cl. 514-214.000.

Gastmeier, William J.; and Dohmer, Rolf, to Unitron Industries. Hearing aid wax guard. 4,553,627, 11-19-85, Cl. 181-135.000.

Gaston County Dyeing Machine Company: *See—*

Clifford, Graham F., 4,532,036, Cl. 210-167.000.

Gaston, Everett E., to Gaston Manufacturing, Inc. Wind machine. 4,494,007, 1-15-85, Cl. 290-44.000.

Gaston, John C.; and Fairall, Richard K. Multipurpose apparatus and method for tuning and grooving a ski. 4,557,030, 12-10-85, Cl. 29-402.060.

Gaston Manufacturing, Inc.: *See—*

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Gaston, Roy T. Sanitary drinking water system. 4,516,693, 5-14-85, Cl. 222-105.000.

Gastrock, William H.: *See—*

Cortese, Nicholas A., Jr.; and Gastrock, William H., 4,521,629, Cl. 568-313.000.

Gaswarme-Institut e.V.: *See—*

Lorenz, Werner; Bathke, Heinz; and Sommers, Hans, 4,509,913, Cl. 431-90.000.

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Hecht, Richard M.; and Seaverns, Robert G., 4,542,860, Cl. 242-72.00R.

Hecht, Richard M.; and Seaverns, Robert G., 4,553,713, Cl. 242-78.100.

Gatellier, Christian: *See—*

Riboud, Paul-Victor; and Gatellier, Christian, 4,541,863, Cl. 75-24.000.

Gaterman, William C., III, to Crane Cams Incorporated. Valve spring retainer assembly. 4,515,346, 5-7-85, Cl. 251-337.000.

Gates, Charles C., Jr.: *See—*

Peltzman, William S.; Rohlfing, Raymond A.; and Gates, Charles C., Jr., 4,537,736, Cl. 264-130.000.

Gates Data Products, Inc.: *See—*

Watkins, Richard L., 4,518,833, Cl. 200-5.00A.

Gates Energy Products, Inc.: *See—*

Juergens, Tristan D., 4,521,498, Cl. 429-59.000.

Gates, F. Alan: *See—*

Williams, Claude E.; and Gates, F. Alan, 4,493,603, Cl. 414-541.000.

Gates Formed Fibre Products Inc.: *See—*

Leunig, Carl V.; and Kovar, Robert F., 4,515,848, Cl. 428-172.000.

Gates, Guy W.; Bates, James F.; Larsen, John F.; and Law, Benjamin F. Third accumulator check valve. 4,502,351, 3-5-85, Cl. 74-753.000.

Gates, Joseph M.: *See—*

Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.

Gates, Peter S., to FBC Limited. Fungicidal and plant growth regulant triazole and imidazole sulfide compounds. 4,549,027, 10-22-85, Cl. 548-262.000.

Gates Rubber Company, The: *See—*

Fischer, Richard J., 4,496,161, Cl. 277-1.000.

Fischer, Richard J., 4,509,763, Cl. 277-163.000.

Peltzman, William S.; Rohlfing, Raymond A.; and Gates, Charles C., Jr., 4,537,736, Cl. 264-130.000.

- Stieg, Richard F.; Dolan, John P.; Worley, W. Spencer; and Juergens, Tristan, 4,493,221, Cl. 474-14.000.
- Stieg, Richard F., 4,534,232, Cl. 74-89.200.
- Stieg, Richard F.; Dolan, John P.; Worley, W. Spencer; and Gerbert, Goran, 4,534,748, Cl. 474-17.000.
- Uba, Toshio, 4,495,259, Cl. 429-161.000.

Gates, William J.; and Zwirlein, John F., to Olin Corporation. Air purge/solvent bath method. 4,534,802, 8-13-85, Cl. 134-22.120.

Gateway Industries, Inc.: *See—*
- Doty, Gerald A., 4,498,642, Cl. 242-107.40A.
- Doty, Gerald A.; and Hunter, William E., Jr., 4,550,474, Cl. 24-633.000.
- Doty, Gerald A., 4,558,887, Cl. 280-802.000.
- Grabowski, Richard M., 4,535,514, Cl. 24-633.000.

Gateway Plastics, Inc.: *See—*
- Essen, R. Eric, 4,492,323, Cl. 222-465.00R.

Gateway Scientific, Inc.: *See—*
- Todd, Carl D., 4,524,304, Cl. 315-156.000.

Gateway Technology, Inc.: *See—*
- Bray, William E., 4,499,531, Cl. 363-19.000.

Gathje, John C.: *See—*
- Mason, Peter G.; Wicks, Frank D.; and Gathje, John C., 4,552,589, Cl. 75-105.000.

Gatley, Derrick R., to Wilkinson Sword Limited. Pack for razors. 4,496,047, 1-29-85, Cl. 206-354.000.

Gatley, John A.: *See—*
- Wearden, Sydney; and Gatley, John A., 4,532,104, Cl. 376-272.000.

Gatlin, Janice E.; VanDort, Mark A.; and Volkmann, Curtis L., to Dow Chemical Company, The. Preparation of (trifluoromethyl)pyridines. 4,547,577, 10-15-85, Cl. 546-345.000.

Gatling, Grafton G. Underground cooling system and method. 4,495,781, 1-29-85, Cl. 62-260.000.

Gattiker, Anton: *See—*
- Taylor, Charles E.; Gattiker, Anton; and Krantz, Gary B., 4,515,468, Cl. 355-27.000.
- Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; and Gattiker, Anton, 4,518,240, Cl. 354-312.000.

Gattman, John W. Foot support for ladder. 4,496,025, 1-29-85, Cl. 182-121.000.

Gatton, James W. Variable-width-beam light apparatus. 4,533,984, 8-6-85, Cl. 362-232.000.

Gattu, Narahari; and Terranova, Joseph C., III, to Harnischfeger Corporation. Crane having stabilizing outriggers. 4,496,062, 1-29-85, Cl. 212-189.000.

Gattuso, David A.: *See—*
- Izu, Masatsugu; and Gattuso, David A., 4,545,136, Cl. 34-155.000.

Gatward, Douglas K. Sheet material. 4,515,840, 5-7-85, Cl. 428-35.000.

Gatz, Ronald: *See—*
- Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.

Gatzke, Erich: *See—*
- Ambros, Peter; and Gatzke, Erich, 4,555,533, Cl. 523-440.000.

Gatzke, Kenneth G.; and Winslow, John M., to Minnesota Mining and Manufacturing Company. Diazo vesicular imaging films with nitrate salt. 4,515,885, 5-7-85, Cl. 430-175.000.

Gatzy, John T.: *See—*
- Boucher, Richard C.; Gatzy, John T.; and Knowles, Michael R., 4,501,729, Cl. 424-45.000.

Gau, George, to Krones AG Hermann Kronseder Maschinenfabrik. Labeling machine for containers. 4,531,995, 7-30-85, Cl. 156-456.000.

Gau, Wolfgang: *See—*
- Rauleder, Gebhard; Waldmann, Helmut; Bottenbruch, Ludwig; Traenckner, Hans-Joachim; and Gau, Wolfgang, 4,562,274, Cl. 549-525.000.

Gaubert, Rene J. Method and machine for filling bags with liquid. 4,534,154, 8-13-85, Cl. 53-458.000.

Gauch, Wolfgang: *See—*
- Devrient, Ludwig; and Gauch, Wolfgang, 4,504,083, Cl. 283-77.000.
- Haghiri-Therani, Yaya; and Gauch, Wolfgang, 4,536,013, Cl. 283-77.000.
- Hoppe, Joachim; and Gauch, Wolfgang, 4,497,872, Cl. 428-483.000.
- Maurer, Thomas; Gauch, Wolfgang; and Devrient, Ludwig, 4,544,181, Cl. 283-74.000.

Gaucher, Michel M.: *See—*
- Glize, Jean-Pierre; and Gaucher, Michel M., 4,501,958, Cl. 235-382.000.

Gaucher, Michel M. G., to Electronique Serge Dassault. Endless drive belt apparatus for processing card tickets with magnetic track. 4,537,125, 8-27-85, Cl. 101-93.040.

Gauchet, Yves; Crinquette, Andre; Martinet, Pascal; and Lestradet, Denis, to Nodet-Gougis. Method and device for calibrating a regulated flow spraying apparatus. 4,530,465, 7-23-85, Cl. 239-127.000.

Gauchet, Yves M. A.; and Paillaud, Pierre G., to Nodet-Gougis. Planting assembly. 4,493,273, 1-15-85, Cl. 111-86.000.

Gauck, Donald A. Louver tool. 4,519,235, 5-28-85, Cl. 72-414.000.

Gauckler, Ludwig: *See—*
- Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, 4,528,099, Cl. 210-489.000.
- Vire, Sylvestre; and Gauckler, Ludwig, 4,552,637, Cl. 204-243.00R.

Gaudet, Arthur D.: *See—*
- Lewis, John R.; McCurdy, Andrew; and Gaudet, Arthur D., 4,494,821, Cl. 350-6.500.

Gaudet, James L.; and Chukran, Rudolph E., to International Business Machines Corporation. Document automatic pagination. 4,498,150, 2-5-85, Cl. 364-900.000.

Gaudiana, Russell A.; and Kalyanaraman, Palaiyur S., to Polaroid Corporation. Substituted-quaterphenylene monomers for the production of polyamides therefrom. 4,503,248, 3-5-85, Cl. 564-307.000.

Gaudiana, Russell A.: *See—*
- Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,520,189, Cl. 528-331.000.
- Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,521,588, Cl. 528-363.000.
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Gaudino, Piero, to Officine Gaudino di P. Gaudino & C. S.a.s. Spinning or twisting machine having devices for the simultaneous automatic removal of all cops. 4,561,243, 12-31-85, Cl. 57-274.000.

Gaudio, Raymond, to Napco Security Systems, Inc. Fault indicator apparatus for a multi-zone intrusion system. 4,498,075, 2-5-85, Cl. 340-525.000.

Gaudioso, Stephen L., to Xerox Corporation. Reflex imaging process with magnetic images. 4,515,880, 5-7-85, Cl. 430-39.000.

Gaudreau, Laurent R., to Ex-Cell-O Corporation. Method for forming grain coverings on reaction injection molded articles. 4,562,032, 12-31-85, Cl. 264-267.000.

Gaudry, Daniel: *See—*
- Page, Robert K.; Villegas, Pedro; Eidson, Caswell S.; and Gaudry, Daniel, 4,559,229, Cl. 424-89.000.

Gaudry, Roger: *See—*
- Doriath, Gerard; and Gaudry, Roger, 4,516,073, Cl. 324-244.000.

Gaudyn, Tad J. Three dimensional projection arrangement. 4,492,442, 1-8-85, Cl. 353-10.000.

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- Nguyen, Tinh; and Gaul, James M., 4,528,154, Cl. 264-109.000.

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Gauneau, Marcel: *See—*
- Salvi, Michel; Favennec, Pierre N.; and Gauneau, Marcel, 4,545,824, Cl. 148-1.500.

Gaur, Santosh P.: *See—*
- Anantha, Narasipur G.; Gaur, Santosh P.; Huang, Yi-Shiou; and Tsang, Paul J., 4,510,676, Cl. 29-577.00C.
- Bhatia, Harsaran S.; Dorler, Jack A.; Gaur, Santosh P.; Lechaton, John S.; Mosley, Joseph M.; and Srinivasan, Gurumakonda R., 4,535,531, Cl. 29-577.00C.

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- Gauron, Richard F. Fastener for releasably and adjustably connecting two structural members. 4,490,883, 1-1-85, Cl. 16-245.000.
- Gaus, Ernst. Cold box for motor vehicles. 4,545,211, 10-8-85, Cl. 62-115.000.
- Gausepohl, Hermann: *See—*
  - Echte, Adolf; and Gausepohl, Hermann, 4,493,922, Cl. 525-71.000.
- Gauss, James C.: *See—*
  - Damrau, Wayne A.; and Gauss, James C., 4,512,279, Cl. 118-411.000.
- Gaussens, Gilbert; and Lemaire, Francis, to Commissariat a l'Energie Atomique. Process for the production of a cation exchange diaphragm and the diaphragm obtained by this process. 4,537,668, 8-27-85, Cl. 204-159.170.
- Gaussens, Gilbert: *See—*
  - Berthet, Jeanne; Blin, Marie-Francoise; Gaussens, Gilbert; and Noaillac, Jean R., 4,557,749, Cl. 71-64.110.
- Gauthier, Alfred J. Discharge control attachment for a combine harvester. 4,532,941, 8-6-85, Cl. 130-27.00R.
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  - Gauthier, L. Paul, 4,521,517, Cl. 435-313.000.
- Gauthier, Andre: *See—*
  - Bourdillot, Michel; Gauthier, Andre; Maille, Jacques; and Pitault, Bernard, 4,532,699, Cl. 29-572.000.
- Gauthier, Edouard A., to Nu-Bar Electronics. Sound transfer from a hearing aid to the human ear drum. 4,520,236, 5-28-85, Cl. 179-107.00E.
- Gauthier, Emile: *See—*
  - Sweet, Richard H.; Baker, Thomas J.; Stickel, Erick E.; and Gauthier, Emile, 4,527,315, Cl. 24-615.000.
- Gauthier, Francis; and Gombert, Jean, to Thomson-CSF. Process for producing doped vitreous silica for preparing a preform for an optical fibre. 4,493,720, 1-15-85, Cl. 65-3.120.
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- Gauthier, Jean A.; and Jirkovsky, Ivo L., to Ayerst, McKenna & Harrison, Inc. 4H-imidazo[2,3-c]pyrido[2,3-e][1,4]oxazine derivatives. 4,492,697, 1-8-85, Cl. 424-248.400.
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  - Belanger, Andre; Fauteux, Denis; and Gauthier, Michel, 4,517,265, Cl. 429-217.000.
- Gauthier, Robert V.: *See—*
  - Campbell, Gaylon S.; Tanner, Bertrand D.; and Gauthier, Robert V., 4,526,034, Cl. 73-336.500.
- Gauthier, Sylviane: *See—*
  - Averbuch, Marie-Therese; Durif-Varambon, Andre; Gauthier, Sylviane; Nicolau, Ion F.; and Peuzin, Jean C., 4,492,857, Cl. 250-211.00R.
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  - Bernhart, Claude; Cautreels, Werner; and Gautier, Patrick, 4,542,134, Cl. 514-236.000.
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  - Arditty, Herve; Bourbin, Yannic; Dubos, Jacques; Gautnier, Francis; and Graindorge, Philippe, 4,509,968, Cl. 65-10.100.
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  - Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, 4,543,429, Cl. 568-446.000.
- Gauvin, William H.; and Kubanek, George R., to Hydro-Quebec. Transferred-arc plasma reactor for chemical and metallurgical applications. 4,519,835, 5-28-85, Cl. 75-10.00R.
- Gavagan, James A.; and Motyka, Jerry, to Irvin Industries Inc. Combination VSI and ALR retractor. 4,552,319, 11-12-85, Cl. 242-107.40A.
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- Gavin, Thomas O.: *See—*
  - Heinemann, Frederick F.; and Gavin, Thomas O., 4,537,129, Cl. 101-415.100.
- Gavlak, Andrea H.: *See—*
  - Strobel, Gary A.; Gavlak, Andrea H.; and Jaynes, Jesse M., 4,517,008, Cl. 71-77.000.
- Gavrielides, Athanasios: *See—*
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- Gavrilko, Igor V.: *See—*
  - Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.
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  - Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.
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- Gavronsky, German, to Pitney Bowes Inc. Module latching mechanism. 4,518,207, 5-21-85, Cl. 312-107.500.
- Gawad, Mahmoud A.; and Graudins, John, to GTE Products Corporation. Recessed lighting fixture with improved louver mounting. 4,494,175, 1-15-85, Cl. 362-150.000.
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  - Horodysky, Andrew G.; Ashjian, Henry; and Gawel, Henry A., 4,522,734, Cl. 252-49.600.
- Gawer, Klaus-Peter; and Suhr, Olaf, to Westfalia Separator AG. Oil-flow regulator for vacuum pumps in milking systems. 4,542,766, 9-24-85, Cl. 137-559.000.
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- Gay, Michael J., to Motorola, Inc. Integrated notch filter. 4,524,332, 6-18-85, Cl. 330-294.000.
- Gay, Paolo: *See—*
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- Gay, Richard L.; and Grantham, LeRoy F., to Rockwell International Corporation. Disposal of bead ion exchange resin wastes. 4,559,170, 12-17-85, Cl. 252-628.000.
- Gay, Robert R.: *See—*
  - Morel, Don L.; Gay, Robert R.; and Turner, Gary B., 4,517,403, Cl. 136-249.000.
  - Tanner, David P.; Morel, Don L.; and Gay, Robert R., 4,542,255, Cl. 136-249.000.
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  - Kukowski, John A.; Soth, Henry J.; and Gay, William H., 4,507,862, Cl. 29-837.000.

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- Gayer, Melvin D., to Dayco Corporation. Method of making belt tensioning means. 4,539,000, 9-3-85, Cl. 474-13.000.
- Gayer, Melvin D.: *See—*
  - Burris, Lee R.; Speer, Billy L.; and Gayer, Melvin D., 4,536,172, Cl. 474-135.000.
- Gayla Industries, Inc.: *See—*
  - Christoffel, Julius M., Jr., 4,557,443, Cl. 244-153.00R.
- Gaylard, Bernard: *See—*
  - Dey, Phillip; Fearns, Peter; Plessner, Karl W.; Pickup, Kenneth H.; Gaylard, Bernard; and Murphy, Arthur B., 4,491,387, Cl. 350-96.230.
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- Gaylord, Norman G. Process to copolymerize vinyl chloride and chlorotrifluoroethylene. 4,515,927, 5-7-85, Cl. 526-87.000.
- Gaylord, Norman G., to Plastic Specialties and Technologies, Inc. Peroxygen compound-isoascorbic acid redox catalyst system for suspension polymerization of vinyl chloride. 4,543,401, 9-24-85, Cl. 526-204.000.
- Gaylord, Norman G.: *See—*
  - Davis, Stanley S.; and Gaylord, Norman G., 4,540,566, Cl. 424-22.000.
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- Gaynor, John C.: *See—*
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  - Luly, Matthew H.; Lockyer, George D., Jr.; Eibeck, Richard E.; and Gaynor, Joseph, 4,524,119, Cl. 430-108.000.
- Gaynor, Ronald E. Voice synthesizer. 4,527,274, 7-2-85, Cl. 381-51.000.
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  - Guilhem, Jean R., 4,498,304, Cl. 62-49.000.
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  - Pregermain, Simone; Charcosset, Henri; and Andres, Michele, 4,510,039, Cl. 208-10.000.
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- Gazzi, Luigi; Rescalli, Carlo; Scaramucci, Maria A.; and Ginnasi, Alessandro, to Snamprogetti S.p.A. Process of selective separation of hydrogen sulfide from gaseous mixtures containing also carbon dioxide. 4,545,965, 10-8-85, Cl. 423-229.000.
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  - Upchurch, Billy T., 4,528,301, Cl. 523-107.000.
- GC Industries: *See—*
  - Chand, Ramesh, 4,498,970, Cl. 204-415.000.
- GCA Corporation: *See—*
  - Andersen, Ingar F.; Lutts, Timothy W.; and Lam, Eddie W., 4,502,871, Cl. 55-82.000.
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  - Jones, Hugh D.; and Martinich, Steven J., 4,519,717, Cl. 374-17.000.
  - Juodikis, Peter; and Martinich, Steven J., 4,528,635, Cl. 364-501.000.
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  - Slottag, Mark J., 4,517,430, Cl. 219-10.55B.
  - Walton, Frank J., 4,496,423, Cl. 156-345.000.
  - Weber, T. Jerome, 4,518,848, Cl. 219-388.000.
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  - Smythe, Robert A.; Bunkenburg, Joachim; and Richardson, Gunnar D., 4,509,858, Cl. 356-358.000.
- Gdanski, Ricky D.: *See—*
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- Geaghan, Bernard O.: *See—*
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- Gealer, Roy L.: *See—*
  - Wingfield, Robert C., Jr.; Braslaw, Jacob; and Gealer, Roy L., 4,515,659, Cl. 201-2.500.
- Gealy, Elizabeth L. Animal handling and processing facility. 4,535,723, 8-20-85, Cl. 119-20.000.
- Gearhart, Gordon E., to E.V. Camp Steel Works, Inc. Chain link. 4,498,284, 2-12-85, Cl. 59-84.000.
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  - Davis, Albert P., Jr.; Knight, Orien M.; and Stoltz, John W., 4,506,729, Cl. 166-65.00M.
  - Evans, Hilton B., 4,558,220, Cl. 250-269.000.
  - Kuckes, Arthur F., 4,502,010, Cl. 324-338.000.
  - Maciejewski, Walter J., 4,523,148, Cl. 324-351.000.
  - Mougne, Marcel L., 4,506,156, Cl. 250-266.000.
  - Pratt, Donna K.; and Terrell, Jamie B., 4,494,601, Cl. 166-55.000.
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- Geary, Alan P., to Rolls-Royce Limited. Device for passing a fluid flow through a barrier. 4,551,062, 11-5-85, Cl. 415-115.000.
- Geary, Carl H., to Carrier Corporation. Method and apparatus for controlling thermal growth. 4,502,809, 3-5-85, Cl. 403-28.000.
- Geary, David F.; Honchar, Dennis R.; and Miller, Robert P., to Baltimore Aircoil Company, Inc. Process for the application of organic materials to galvanized metal. 4,540,637, 9-10-85, Cl. 428-626.000.
- Geary, Frederick J., to Robertshaw Controls Company. Ignition system. 4,535,380, 8-13-85, Cl. 361-256.000.
- Geary, Thomas B.: *See—*
  - Longenecker, Kenneth G.; and Geary, Thomas B., 4,518,983, Cl. 357-81.000.
- Geat, Mario; and Dornik, Luciano, to SICIM S.p.A. Endermic injector device. 4,560,377, 12-24-85, Cl. 604-68.000.
- Gebauer, Gerhard, to Hoechst Aktiengesellschaft. Primer coating composition for topcoats of fluorocarbon polymers containing a polyarylene sulfide resin, an aromatic polyether-sulfone resin or an aromatic polyether-ketone resin. 4,546,141, 10-8-85, Cl. 524-401.000.
- Gebauer, Hartmut: *See—*
  - Weber, Karl-Heinz; Beckmann, Wolfgang; and Gebauer, Hartmut, 4,518,285, Cl. 405-302.000.
- Gebauer, Helmut, to Consortium fur Elektrochemische Industrie GmbH. Substituted macrobicyclic ethers, the manufacture and use thereof. 4,496,748, 1-29-85, Cl. 549-396.000.
- Gebauer, Ludwig; Irmscher, Hans-Jurgen; Lang, Gusztav; and Mauthe, Peter, to Hilti Aktiengesellschaft. Hardenable synthetic resin composition and its use. 4,518,283, 5-21-85, Cl. 405-260.000.
- Gebauer, Paul W.; and Choi, Smith. Golf club. 4,508,349, 4-2-85, Cl. 273-175.000.
- Gebben, Vernon D., to International Harvester Company. Torque sensor for shafts. 4,502,340, 3-5-85, Cl. 73-862.330.
- Gebben, Vernon D., to International Harvester Company. Shaft torque measuring system. 4,545,261, 10-8-85, Cl. 73-862.330.
- Gebeke, Charles D., to Minnesota Mining and Manufacturing Company. Slack limiter for a magnetic tape cassette. 4,518,135, 5-21-85, Cl. 242-199.000.
- Gebelius, Sven R. V. Flag-pole. 4,515,241, 5-7-85, Cl. 182-96.000.
- Gebelius, Sven R. V. Method to join two elements, and a joint according to the method. 4,531,856, 7-30-85, Cl. 403-366.000.
- Geber, Hans, to Messer Griesheim GmbH. Process and device for scavenging a metal melt, in particular steel, in a casting ladle or the like provided with a plug closure. 4,509,977, 4-9-85, Cl. 75-59.000.
- Geberit A.G.: *See—*
  - Keller, Hans, 4,493,985, Cl. 219-535.000.

Gebert, Hans-Jurgen: *See—*
  Neuschaffer, Karl-Heinz; Engels, Hans-Werner; Gebert, Hans-Jurgen; Laube, Robert W.; and Zoche, Gunter, 4,522,652, Cl. 106-84.000.
Geberth, John D., Jr. Spray control valve. 4,494,697, 1-22-85, Cl. 239-124.000.
Geberth, John D., Jr. Fluid swivel coupling. 4,500,119, 2-19-85, Cl. 285-276.000.
Geberth, John D., Jr. Reversible spray tip. 4,508,268, 4-2-85, Cl. 239-119.000.
Gebhard, Albert W., to Gerico, Inc. Infant security door gate assembly. 4,492,263, 1-8-85, Cl. 160-228.000.
Gebhard Balluff Fabrik feinmechanischer Erzeugnisse GmbH & Co.: *See—*
  Kammerer, Heinz; and Langheinrich, Hans, 4,492,925, Cl. 324-418.000.
Gebhard, David F., to Grumman Aerospace Corporation. Short take off jump mode for airplane landing gear struts. 4,524,929, 6-25-85, Cl. 244-63.000.
Gebhard, Georg R. U.; and Hein, Klaus R. G., to Rheinisch-Westfalisches Elektrizitatswerk Aktiengesellschaft. Method of making a building material. 4,501,618, 2-26-85, Cl. 106-109.000.
Gebhard, Georg R. U.; Hein, Klaus R. G.; and Glaser, Wolfgang, to Rheinisch-Westfalisches Elektrizitatswerk Aktiengesellschaft. Absorbent for the dry removal of sulfur dioxide and like components of an exhaust gas. 4,526,703, 7-2-85, Cl. 252-189.000.
Gebhard, Georg R. U.; Hein, Klaus R. G.; and Glaser, Wolfgang, to Rheinisch-Westfalisches Elektrizitatswerk Aktiengesellschaft. Carboxylic acid activated dry calcium absorbent method for removing sulfur dioxide from a flue gas. 4,533,532, 8-6-85, Cl. 423-244.000.
Gebhard, Georg R. U.: *See—*
  Franke, Paul W. U.; Glaser, Wolfgang; Gebhard, Georg R. U.; and Hein, Klaus R. G., 4,540,555, Cl. 423-242.000.
Gebhardt Fordertechnik GmbH: *See—*
  Felder, Christian, 4,544,064, Cl. 209-583.000.
Gebhardt, Ulrich: *See—*
  Mund, Konrad; Luft, Gunter; and Gebhardt, Ulrich, 4,505,784, Cl. 204-1.00T.
Gebhardt, Uwe: *See—*
  Herrmann, Wolfgang; and Gebhardt, Uwe, 4,506,071, Cl. 544-49.000.
Gebhardt, Wolfgang, to Santrade Ltd. Setting device for cutter heads. 4,529,344, 7-16-85, Cl. 409-218.000.
Gebo, George B. Portable steps. 4,520,897, 6-4-85, Cl. 182-92.000.
Geboers, Josephus J. A.; and Janssen, Daniel J. G., to U.S. Philips Corporation. Transmission circuit for an electronic telephone set. 4,518,828, 5-21-85, Cl. 179-81.00R.
Gebr. Bode & Co. GmbH: *See—*
  Britzke, Ingo; and Dilcher, Dietmar, 4,495,729, Cl. 49-212.000.
  Jentsch, Wolfgang, 4,545,149, Cl. 49-255.000.
  Lederle, Franz, 4,533,901, Cl. 340-52.00R.
  Schindehutte, Manfred, 4,503,638, Cl. 49-213.000.
Gebr. Eickhoff Maschinenfabrik und Eisengiesserei m.b.H.: *See—*
  Hotger, Karl, 4,541,607, Cl. 251-63.400.
  Klimeck, Hugo; and Wilken, Gerhard, 4,516,809, Cl. 299-43.000.
  Lodwig, Klaus; and Schefers, Friedhelm, 4,514,011, Cl. 299-42.000.
  Weber, Karl-Heinz; Beckmann, Wolfgang; and Gebauer, Hartmut, 4,518,285, Cl. 405-302.000.
Gebr. Happich GmbH: *See—*
  Aschermann, Willi; and Haarhaus, Peter, 4,512,605, Cl. 296-97.00G.
  Dietz, Gunter; and Flagmeyer, Friedhelm, 4,534,240, Cl. 74-545.000.
  Mahler, Gert; Falkenroth, Heinz-Jurgen; Leitermann, Wulf; and Boms, Manfred, 4,512,240, Cl. 98-2.040.
  Schwanitz, Konrad; and Mahler, Gert, 4,541,663, Cl. 296-97.00H.
  Treber, Willi O.; and Fritsch, Gunter, 4,542,926, Cl. 293-128.000.
Gebr. Hennig GmbH: *See—*
  Bierbrauer, Heiner; and Diels, Wolfgang, 4,522,246, Cl. 160-223.000.
Gebr. Hofmann GmbH & Co. KG: *See—*
  Himmler, Gunther; and Wenz, Friedrich, 4,545,239, Cl. 73-146.000.
Gebr. Hofmann GmbH & Co. KG Maschinenfabrik: *See—*
  Goebel, Eickhart, 4,554,833, Cl. 73-457.000.
  Sander, Rembrandt, 4,554,734, Cl. 29-818.000.
Gebr. Knauf Westdeutsche Gipswerke: *See—*
  Altenhofer, Herbert; Wintzheimer, Engelbert; and Neuhauser, Gerhard, 4,504,533, Cl. 428-70.000.
Gebr. Marzhauser Wetzlar oHG: *See—*
  Marzhauser, Heinz, 4,552,033, Cl. 74-479.000.
Gebr. Pfeiffer AG: *See—*
  Bacharach, Ottmar; and Schafer, Herbert, 4,491,280, Cl. 241-121.000.
Gebr. Thonet GmbH: *See—*
  Lange, Gerd, 4,557,521, Cl. 297-285.000.
Gebrauchs Gerate GmbH: *See—*
  Wolfrum, Emil, 4,546,011, Cl. 427-179.000.
Gebrian, Peter L.; and Jones, Charles B., to Du Pont de Nemours, E. I., and Company. Laminating and trimming process. 4,495,014, 1-22-85, Cl. 156-80.000.
Gebruder Buhler AG: *See—*
  Oetiker, Hans; and Kummer, Emanuel, 4,499,111, Cl. 426-231.000.
  Oetiker, Hans; and Kummer, Emanuel, 4,547,725, Cl. 324-61.00R.
Gebruder Heller Dinklage GmbH Werkzeugfabrik: *See—*
  Kleine, Werner, 4,531,596, Cl. 175-384.000.
Gebruder Junghans GmbH: *See—*
  Ganter, Wolfgang, 4,548,514, Cl. 368-291.000.
  Winterhalter, Walter, 4,535,695, Cl. 102-240.000.
Gebruder Kommerling Kunststoffwerke GmbH: *See—*
  Blaum, Franz, 4,511,323, Cl. 425-385.000.
Gebruder Linck Maschinenfabrik und Eisengiesserei "Gatterlinck": *See—*
  Gonner, Siegmar, 4,501,178, Cl. 83-107.000.
  Gonner, Siegmar, 4,503,892, Cl. 144-3.00P.
Gebruder Lodige Maschinenbau-Gesellschaft mbH: *See—*
  Schluter, Wilhelm, 4,546,013, Cl. 427-220.000.
Gebruder Loepfe AG: *See—*
  Glockner, Rolf; and Stutz, Hansruedi, 4,511,253, Cl. 356-385.000.
Gebruder Netzsch Maschinenfabrik GmbH & Co.: *See—*
  John, Willy; Klimaschka, Norbert; Wagner, Arno; and Meyer, Gunther, 4,558,825, Cl. 241-171.000.
Gebruder Schmidt GmbH & Co. KG: *See—*
  Schmidt, Karl W., 4,522,509, Cl. 368-300.000.
  Schmidt, Karl W., 4,525,079, Cl. 368-276.000.
Gebruder Selzer AG: *See—*
  Muller, Maurice E.; Niederer, Peter G.; and Frey, Otto, 4,530,115, Cl. 623-23.000.
Gebruder Sucker: *See—*
  Lichtschlag, Herbert, 4,528,732, Cl. 28-199.000.
Gebruder Sulzer Aktiengesellschaft: *See—*
  Lerch, Hansueli, 4,532,964, Cl. 139-435.000.
Gebruder Trox GmbH: *See—*
  Fey, Michael; Finkelstein, Wolfgang; Haaz, Josef; and Riegel, Hans, 4,549,474, Cl. 98-120.000.
  Finkelstein, Wolfgang; and Riegel, Hans, 4,508,022, Cl. 98-40.120.
  Finkelstein, Wolfgang; and Haaz, Josef, 4,520,844, Cl. 137-486.000.
Gebruder Zehnder A.G.: *See—*
  Harri, Kurt, 4,494,062, Cl. 320-40.000.
Gebrueder Heller Maschinenfabrik GmbH: *See—*
  Schmid, Karlheinz, 4,494,281, Cl. 29-6.000.
  Schmid, Karlheinz, 4,521,143, Cl. 409-200.000.
Gebrueder Hoffmann AG: *See—*
  Frei, Siegfried; and Koch, Jakob, 4,512,490, Cl. 220-72.000.
GEC Avionics Limited: *See—*
  Pearce, David W., 4,542,260, Cl. 174-52.0PE.
  Pudsey, David G., 4,519,069, Cl. 370-85.000.
  Tucker, Christopher J., 4,546,433, Cl. 364-200.000.
Geckeler, Siegfried; and Schicketanz, Dieter, to Siemens Aktiengesellschaft. Method for adjusting two ends of two optical fibers to be connected to one another. 4,548,494, 10-22-85, Cl. 356-73.100.
Gecks, Donald L.: *See—*
  Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, 4,508,435, Cl. 350-529.000.
  Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, 4,538,885, Cl. 350-529.000.
Geczy, Bela A., to Smith International, Inc. Locking fastener assembly. 4,501,521, 2-26-85, Cl. 411-217.000.
Geczy, Bela A., to Smith International, Inc. Thrust and radial bearing assembly. 4,511,193, 4-16-85, Cl. 384-611.000.
Geczy, Bela A., to Smith International, Inc. Thrust bearing assembly for a downhole drill motor. 4,560,014, 12-24-85, Cl. 175-107.000.
Gedanitz, Horst: *See—*
  Fritscher, Klaus; and Gedanitz, Horst, 4,552,722, Cl. 422-53.000.
Geddes, Harold L.; and Beckstead, Dell R. Vapor fuel system for internal combustion engines. 4,506,647, 3-26-85, Cl. 123-557.000.
Geddes, Leslie A.: *See—*
  Cook, William A.; Fearnot, Neal E.; and Geddes, Leslie A., 4,543,954, Cl. 128-419.0PG.
  Tacker, Willis A., Jr.; Bourland, Joe D.; Babbs, Charles F.; and Geddes, Leslie A., 4,548,203, Cl. 128-419.00D.
Gedeon, Andras; and Mathiasson, Lennart, to Gambro Engstrom AB. Method and apparatus for measuring the concentration of a given component in a gas inhaled and/or exhaled by a patient. 4,509,359, 4-9-85, Cl. 73-23.000.
Gedeon, Andras, to Gambro Engstrom AB. Device for connecting a respirator or anesthesia machine to a patient. 4,516,573, 5-14-85, Cl. 128-201.130.
Gedeon, Andras; and Odselius, Leif, to Gambro Engstrom AB. Anesthetic apparatus. 4,538,605, 9-3-85, Cl. 128-205.240.
Gee, David P.; and Edwards, Bernard J., to British Aerospace Public Limited Company. Foldable reflector. 4,529,277, 7-16-85, Cl. 350-613.000.
Gee, Elmer M. Seaming tool. 4,517,724, 5-21-85, Cl. 29-275.000.
Gee, Gary W.; Shumate, Daniel L.; Nieder, John J.; Bump, Boyd E.; and Kource, Robert D., to United States of America, Army. Detonation products catcher. 4,532,815, 8-6-85, Cl. 73-864.630.
Gee, Howard J.: *See—*
  Tighe, Brian J.; and Gee, Howard J., 4,493,910, Cl. 523-108.000.
Gee, Mark G.: *See—*
  Almond, Eric A.; and Gee, Mark G., 4,496,372, Cl. 51-309.000.
  Almond, Eric A.; and Gee, Mark G., 4,505,721, Cl. 51-309.000.
  Almond, Eric A.; and Gee, Mark G., 4,556,403, Cl. 51-308.000.
Gee, Ronald P., to Dow Corning Corporation. Aqueous emulsions of carboxyl-containing silicone fluids and a method for their preparation. 4,501,619, 2-26-85, Cl. 106-287.120.
Geekie, James A., Jr. Cartridge and shotgun shell carrying buckle. 4,498,612, 2-12-85, Cl. 224-163.000.
Geen, Joseph H.: *See—*
  Corley, John E.; Andert, Charles M.; Geen, Joseph H.; Wells, Wesley G.; and Lark, Russell D., 4,530,625, Cl. 408-14.000.
Geerdes, Dirk J. F.; and Zabel, Klaus H., to Akzo N.V. Process for coating wood or wood fibres-containing substrates, and an oxida-

tively drying coating composition to be used therewith. 4,505,986, 3-19-85, Cl. 428-481.000.
Geering, Emil J.: *See—*
Chow, Richard H.; and Geering, Emil J., 4,508,661, Cl. 260-544.00D.
Chow, Richard H.; and Geering, Emil J., 4,508,857, Cl. 260-544.00D.
Geerts, Jan: *See—*
Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, 4,514,520, Cl. 502-337.000.
Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, 4,515,905, Cl. 502-309.000.
Geertsema, Eise B.: *See—*
Driessen, Antonius J. G. C.; Geertsema, Eise B.; Oomen, Joris J. C.; and Rouwendal, Jan W., 4,501,799, Cl. 428-446.000.
Geesen, Michel, to Electronique Marcel Dassault. Counter circuit for counting high frequency pulses using the combination of a synchronous and an asynchronous counter. 4,499,589, 2-12-85, Cl. 377-55.000.
Gefen, Nir, to Eshet Eilon. Tractor-driven agricultural apparatus including a plurality of rotary-driven agricultural units. 4,520,873, 6-4-85, Cl. 172-47.000.
Geffcken, Walter; and Littwin, Burkhard, to Siemens Aktiengesellschaft. Flat color picture reproduction or video display device. 4,527,100, 7-2-85, Cl. 315-366.000.
Geffroy, Christophe: *See—*
Geffroy, Robert; and Geffroy, Christophe, 4,516,481, Cl. 92-212.000.
Geffroy, Jean; Glachet, Charles; Moulin, Maurice; and Noel, Jean P., to Commissariat a l'Energie Atomique. Radiation-tight coupling arrangement for a machining laser. 4,491,717, 1-1-85, Cl. 219-121.0LG.
Geffroy, Robert; and Geffroy, Christophe. Piston and piston rings set. 4,516,481, 5-14-85, Cl. 92-212.000.
Gefra B.V.: *See—*
Sijbrandij, George, 4,502,594, Cl. 198-836.000.
Gefvert, Herbert I. Multi-purpose interchangeable modular auto loudspeaker system. 4,502,149, 2-26-85, Cl. 381-24.000.
Gehl Company: *See—*
Campbell, Hallis D.; and Burrough, Donald E., 4,510,741, Cl. 56-341.000.
Fleming, Philip F.; Martin, Virgil B.; Villers, Roger L.; and Shutes, Jaime J., 4,496,105, Cl. 241-32.000.
Gehlke, Scott J. S.; Yost, Michael G.; and Steinman, Arnold J., to Ion Systems, Inc. Method and apparatus for sequenced bipolar air ionization. 4,542,434, 9-17-85, Cl. 361-231.000.
Gehmaier, Johann: *See—*
Schonberger, Johann; Bloo, Johann; Mistlberger, Bruno; and Gehmaier, Johann, 4,509,562, Cl. 139-13.00R.
Geho, W. Blair; and Lau, John R., to Technology Unlimited, Inc. Masking of liposomes from RES recognition. 4,501,728, 2-26-85, Cl. 424-38.000.
Gehr, Peter: *See—*
Nyfeler, Alex; Gehr, Peter; Stalder, Martin; and Antes, Gregor, 4,556,378, Cl. 425-143.000.
Gehret, Jean-Claude; and Traber, Walter, to Ciba-Geigy Corporation. Insecticidal and acaricidal phenylhydrazono- and phenylhydrazino-pyrrolidines. 4,559,357, 12-17-85, Cl. 514-423.000.
Gehret, Jean-Claude; and Gubler, Kurt, to Ciba-Geigy Corporation. Pesticidal compositions based on N-pyrrolylphenyl-N'-benzoylurea compounds. 4,560,770, 12-24-85, Cl. 548-561.000.
Gehri, Aime A., to Exxon Nuclear Company, Inc. Spherical nuclear fuel loading probe. 4,495,145, 1-22-85, Cl. 376-261.000.
Gehrig, George F.: *See—*
Evans, John L.; Gehrig, George F.; and Speers, Jerry M., 4,553,429, Cl. 73-155.000.
Gehrig, Manfred; Barthels, Manfred; and Wienges, Hans, to Hag GF Aktiengesellschaft. Regeneration of caffeine-loaded activated carbon with hot water. 4,506,072, 3-19-85, Cl. 544-274.000.
Gehrig, Manfred: *See—*
Vitzthum, Otto G.; Werkhoff, Peter; and Gehrig, Manfred, 4,540,784, Cl. 544-274.000.
Gehring, Fritz; and Hofmaier, Gerhard, to Lindauer Dornier Gesellschaft mbH. Shuttleless weaving machine with gripper systems for the filling yarn insertion into and retraction from the shed. 4,540,028, 9-10-85, Cl. 139-453.000.
Gehring, Fritz; and Arndt, Stephan, to Lindauer Dornier Gesellschaft mbH. Apparatus for the constrained actuation of the clamping system of filling yarn insertion devices in shuttleless weaving machines. 4,553,571, 11-19-85, Cl. 139-446.000.
Gehring, Fritz; Arndt, Stephan; and Storr, Harald, to Lindauer Dornier Gesellschaft mbH. Apparatus for the constrained actuation of the clamping system of filling yarn inserting members in shuttleless weaving machines. 4,558,722, 12-17-85, Cl. 139-446.000.
Gehrke, Erich F., to BTR South Africa Limited. Rail fastener assembly and components thereof. 4,515,309, 5-7-85, Cl. 238-349.000.
Gehrke, Glenn F.: *See—*
Hazebrook, Daniel W.; Gehrke, Glenn F.; and Schmidt, Michael J., 4,511,346, Cl. 464-146.000.
Gehrke, Gunter: *See—*
Brandt, Horst; Gehrke, Gunter; Muders, Rolf; Otten, Hans-Gunter; and Wiegner, Dieter, 4,523,926, Cl. 8-639.000.
Gehrke, Hans-Georg: *See—*
Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, 4,515,918, Cl. 524-504.000.
Gehrke, Robert E., to K. J. Law Engineers, Inc. Method and apparatus for measuring conductivity using eddy currents with temperature compensation feature. 4,553,094, 11-12-85, Cl. 324-225.000.
Gehrken, Henning-Peter: *See—*
Ernst, Hansgeorg; Gehrken, Henning-Peter; and Paust, Joachim, 4,550,182, Cl. 549-408.000.
Gehrman, Sybil H.; and Porubcan, Randolph S., to Chr. Hansen's Laboratory, Inc. Stabilized liquid bacterial suspension for oral administration to animals. 4,518,696, 5-21-85, Cl. 435-253.000.
Gehrman, Sybil H.; and Porubcan, Randolph S., to Chr. Hansen's Laboratory, Inc. Liquid adherent disinfectant compositions for topical application and method of preparation. 4,525,351, 6-25-85, Cl. 424-95.000.
Gehrmann, Alfred: *See—*
Golob, Jurgen; and Gehrmann, Alfred, 4,507,006, Cl. 403-24.000.
Gehrmann, Klaus; Ohorodnik, Alexander; Rosenthal, Johannes; and Schafer, Stefan, to Hoechst Aktiengesellschaft. Process for making methyldichlorophosphane. 4,518,538, 5-21-85, Cl. 260-543.00P.
Gehrmann, Klaus; Ohorodnik, Alexander; and Rosenthal, Johannes, to Hoechst Aktiengesellschaft. Process for the continuous production of 2-carboxyethyl-alkyl-phosphinic acid dialkylesters. 4,560,518, 12-24-85, Cl. 260-970.000.
Gehrmann, Klaus: *See—*
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Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,543,217, Cl. 260-544.00A.
Erpenbach, Heinz; Gehrmann, Klaus; Horstermann, Peter; Kubbeler, Hans-Klaus; and Kohl, Georg, 4,549,937, Cl. 203-40.000.
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Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,557,760, Cl. 75-121.000.
Gehrmann, Rainer, to Robert Bosch GmbH. Method and apparatus for producing sawtooth wave deflection current for television apparatus. 4,547,711, 10-15-85, Cl. 315-408.000.
Gehrung, Manfred; Schoettle, Klaus; Kreissler, Heimut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, to BASF Aktiengesellschaft. Method for the surface treatment of magnetic recording media. 4,514,937, 5-7-85, Cl. 51-281.0SF.
Geib, Henry T., Sr., and Griffith, Wayne C., to M. P. Metal Products, Inc. Forced air baseboard heater and air duct diffuser. 4,523,081, 6-11-85, Cl. 219-370.000.
Geib, Lawrence: *See—*
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Geibel, Jon F.; Cliffton, Michael D.; and Murtha, Timothy P., to Phillips Petroleum Company. Preparation of poly(arylene sulfide) from halothiophenol and alkaline metal hydroxide. 4,544,735, 10-1-85, Cl. 528-374.000.
Geibig, Karl F.; Schwab, Adolf; and Stockel, Dieter, to G. Rau GmbH & Co. Electrical discharge electrode and method of production thereof. 4,553,063, 11-12-85, Cl. 313-325.000.
Geier, Josef: *See—*
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Geiersbach, Allois F.; and Murray, David L., to Deutz-Allis Corporation. Agricultural implement steering guidance system and method. 4,555,725, 11-26-85, Cl. 358-93.000.
Geiger, Cletus M. Variable displacement sliding vane pump/hydraulic motor. 4,551,080, 11-5-85, Cl. 418-28.000.
Geiger, Daniel D.: *See—*
Anders, James V.; Anderson, Thomas W.; Geiger, Daniel D.; and Turnpaugh, George F., 4,551,670, Cl. 323-281.000.
Geiger, Friedhelm: *See—*
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Geiger, Gary E., to Betz Laboratories, Inc. Method of inhibiting corrosion and deposition in aqueous systems. 4,497,713, 2-5-85, Cl. 210-699.000.
Geiger, Gerhard; and Strafner, Michael, to Siemens Aktiengesellschaft. Method and arrangement for the monitored transfer of control signals at interfaces of digital systems. 4,493,052, 1-8-85, Cl. 364-900.000.
Geiger, Kenneth H., to Labatt Brewing Company Limited. Process of brewing with an adjunct of highly fermentable sugar. 4,507,325, 3-26-85, Cl. 426-16.000.
Geiger, Klaus: *See—*
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Geiger, Kurt: *See—*
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Lucian, Anton; and Geiger, Kurt, 4,520,848, Cl. 139-1.00R.
Geiger, Leroy. Pressure regulation in pumping a liquid. 4,541,395, 9-17-85, Cl. 123-514.000.
Geiger, Lyle D.: *See—*
Hagar, Donald K.; and Geiger, Lyle D., 4,504,216, Cl. 431-183.000.
Geiger, Michel; Gagnebin, Gaston; and Ackermann, Jacques, to Omega SA. Leakproof watch case. 4,544,284, 10-1-85, Cl. 368-294.000.
Geiger, Robert W.: *See—*
Tschanz, August E.; and Geiger, Robert W., 4,509,387, Cl. 74-505.000.
Geiger, Rolf: *See—*
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Geiger, Werner: *See—*
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Bosso, Joseph F.; and Geiger, William J., 4,501,833, Cl. 523-416.000.
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Stemmer, Gottfried; and Pohl, Claus, 4,528,795, Cl. 53-266.00R.
Geipel, Henry J., Jr.; Schaefer, Charles A.; White, Francis R.; and Wursthorn, John M., to International Business Machines Corporation. Process for fabricating semiconductor devices utilizing a protective film during high temperature annealing. 4,527,325, 7-9-85, Cl. 29-571.000.
Geipel, Stanley W., to Hickory Pond Corp. Gasket and gasket manufacturing method. 4,494,762, 1-22-85, Cl. 277-206.00R.
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Geis, Michael W.; and Smith, Henry I., to Massachusetts Institute of Technology. Product made by method of entraining dislocations and other crystalline defects. 4,562,106, 12-31-85, Cl. 428-195.000.
Geis, Norman P.; and Chambers, Edward A., to Raytheon Company. Mortar system with improved round. 4,533,094, 8-6-85, Cl. 244-3.220.
Geis, Robert J., to FMC Corporation. Conveyor chain retainer shoe. 4,492,304, 1-8-85, Cl. 198-837.000.
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Geisel, Donald J.: *See—*
Rogers, David P.; and Geisel, Donald J., 4,527,119, Cl. 324-158.00F.
Geisen, Ingeborg: *See—*
Herold, Julius; and Geisen, Ingeborg, 4,525,234, Cl. 156-332.000.
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Hitzel, Volker; Weyer, Rudi; Geisen, Karl; and Ritzel, Harald, 4,542,127, Cl. 514-161.000.
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Vandevoir, Claude A.; and Geiser, Markus, 4,507,992, Cl. 82-2.700.
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Hacker, Harald; Amann, Ulrich; Geisinger, Karl; and Engelhardt, Hans, 4,503,766, Cl. 100-207.000.
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Koemm, Ulrich; and Geisler, Klaus, 4,540,765, Cl. 528-45.000.
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Revici, Emanuel; Sherwood, Bob E.; Benecke, Herman P.; Rice, John M.; and Geisler, Richard W., 4,513,008, Cl. 514-560.000.
Geiss, Josef: *See—*
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Geissler, Bernhard H., to Phillips Petroleum Company. Tube support. 4,553,588, 11-19-85, Cl. 165-162.000.
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Geissler, Klaus H.; and Bock, Herbert, to ANT Nachrichtentechnik GmbH. Transformer for generating high DC voltages with integrated means for cooling rectifiers. 4,558,406, 12-10-85, Cl. 363-126.000.
Geissler, Ulrich; Herwig, Walter; and Fetsch, Elisabeth, to Hoechst Aktiengesellschaft. Radiation polymerizable mixture and copying material produced therefrom. 4,495,271, 1-22-85, Cl. 430-277.000.
Geissler, Ulrich; Herwig, Walter; and Sikora, Helga, to Hoechst Aktiengesellschaft. Photosensitive transfer material having a support of defined roughness. 4,559,292, 12-17-85, Cl. 430-256.000.
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Geist, Jacob M.; Vines, Harvey L.; Alvarez, Miguel R.; Rowles, Howard C.; and Woodward, Donald W., to Air Products and Chemicals, Inc. Process using serpentine heat exchange relationship for condensing substantially single component gas streams. 4,496,382, 1-29-85, Cl. 62-31.000.
Geist, Michael; and Diefenbach, Horst, to BASF Farben & Fasern AG. Self-crosslinking heat-curable binder. 4,495,335, 1-22-85, Cl. 525-438.000.
Geist, Michael, to BASF Farben & Fasern AG. Heat-hardenable binder mixture. 4,505,981, 3-19-85, Cl. 428-418.000.
Geist, Michael, to BASF Farben & Fasern AG. Synthetic resin. 4,522,981, 6-11-85, Cl. 525-124.000.
Geist, Michael, to BASF Farben & Fasern AG. Synthetic resin. 4,539,218, 9-3-85, Cl. 427-27.000.
Geist, Michael; and Ott, Gunther, to BASF Farben & Fasern AG. Self-crosslinking, heat-curable grinding resin. 4,539,385, 9-3-85, Cl. 528-100.000.
Geist, Michael; and Diefenbach, Horst, to BASF Farben & Fasern AG. Self-crosslinking heat-curable binder. 4,547,409, 10-15-85, Cl. 427-386.000.
Geist, Michael; Diefenbach, Horst; and Dobbelstein, Arnold, to BASF Farben & Fasern AG. Water-dispersible binders for cationic electrocoating finishes, and process for their preparation. 4,548,965, 10-22-85, Cl. 523-456.000.
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Geisthardt, Alan C., to Jack Walters & Sons Corp. Horizontally sliding door. 4,509,291, 4-9-85, Cl. 49-409.000.
Geisthoff, Hubert; Vollmer, Jurgen; and Herchenbach, Paul, to Jean Walterscheid GmbH. Drive shaft assembly. 4,540,305, 9-10-85, Cl. 403-13.000.
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Gejl-Hansen, Frederik, to Nestec S.A. Process for preparing a rehydratable diced frozen food product. 4,510,163, 4-9-85, Cl. 426-241.000.
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Geka, Toshiaki, to Nippon Thompson Co., Ltd. Direction changing path of a roller bearing for an endless linear motion. 4,556,262, 12-3-85, Cl. 308-6.00C.
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Smith, Timothy J. C.; Geke, Jurgen; and Cooper, Robert Q., 4,540,442, Cl. 134-2.000.
Gekker, Sergei M.: *See—*
Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.
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Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 4,506,846, Cl. 242-199.000.
Gelardi, Paul J.; and MacLeod, Robert B., Jr., to Shape Inc. Tape cassette dust door spring assembly and method for assembling same. 4,533,093, 8-6-85, Cl. 242-197.000.
Gelardi, Paul J.; and MacLeod, Robert B., Jr., to Shape Inc. Cassette storage container. 4,540,090, 9-10-85, Cl. 206-387.000.
Gelatt, Charles D., Jr.; and Kirkpatrick, Edward S., to International Business Machines Corporation. Optimization of an organization of many discrete elements. 4,495,559, 1-22-85, Cl. 364-148.000.
Gelbar, Danny E., to Combustion Engineering, Inc. System for removing and replacing the journal rolls from a coal-pulverizing bowl mill. 4,529,136, 7-16-85, Cl. 241-79.000.

Gelbard, Edward, to Wilverly Mansions I.B.V. Bag dispensing system. 4,537,330, 8-27-85, Cl. 221-26.000.

Gelbard, Robert B.; Grimm, Bernard J.; and Irish, William D., to General Electric Company. Compressor auxiliary condenser arrangement adapted to be mounted in a refrigerator machinery compartment. 4,497,183, 2-5-85, Cl. 62-295.000.

Gelbard, Robert B., to General Electric Company. Temperature control for a cycle defrost refrigerator incorporating a roll-bonded evaporator. 4,535,600, 8-20-85, Cl. 62-156.000.

Gelbard, Robert B.: *See—*
Horvay, Julius B.; and Gelbard, Robert B., 4,543,799, Cl. 62-283.000.

Gelbein, Abraham P.; and Kwon, Joon T., to Lummus Company, The. Production of epoxy compounds from olefinic compounds. 4,496,752, 1-29-85, Cl. 549-521.000.

Gelbein, Abraham P.: *See—*
Blum, David B.; and Gelbein, Abraham P., 4,537,876, Cl. 502-342.000.

Gelbwachs, Jerry A., to United States of America, Air Force. Multiple site laser excited pollution monitoring system. 4,516,858, 5-14-85, Cl. 356-437.000.

Gelchinski, Mordechai H.; Romankiw, Lubomyr T.; Vigliotti, Donald R.; and Von Gutfeld, Robert J., to International Business Machines Corporation. Laser-enhanced jet-plating and jet-etching: high-speed maskless patterning method. 4,497,692, 2-5-85, Cl. 204-15.000.

Gelfand, Jan, to Krupp-Koppers GmbH. Support for batteries of coking furnaces heated from the top. 4,518,461, 5-21-85, Cl. 202-270.000.

Gelhaar, Rolf: *See—*
Schade, Horst J.; Gelhaar, Rolf; and Hartmann, Wolfgang, 4,541,849, Cl. 55-146.000.

Gelhaar Uniform Company: *See—*
Blumenthal, Lawrence S., 4,520,985, Cl. 248-530.000.

Gelhard, Egon. Method and apparatus for measuring a distance using ultrasonic echo signals, particularly for use on a motor vehicle. 4,500,977, 2-19-85, Cl. 367-108.000.

Gelhard, Egon. Bicycle, in particular with an electromotor. 4,541,500, 9-17-85, Cl. 180-205.000.

Gelhorn, Carolyn; and Gulas, Michael P., to Gelhorn, Carolyn. Device for recording distances traveled on personal and business use. 4,547,781, 10-15-85, Cl. 346-33.00R.

Gelin, Robert J.: *See—*
Calvert, Scott A.; Gelin, Robert J.; and Aberegg, Dale, 4,541,130, Cl. 4-593.000.

Gelinas, Raymond C., to Honeywell Inc. Josephson junction interferometer device for detection of curl-free magnetic vector potential fields. 4,491,795, 1-1-85, Cl. 324-248.000.

Gelinas, Rejean. Anti-theft window bar. 4,495,727, 1-29-85, Cl. 49-56.000.

Gelinas, Sandra L.; Cerundolo, Daniel G.; and Abele, John E., to Mansfield Scientific, Inc. Endocardial electrode. 4,522,212, 6-11-85, Cl. 128-642.000.

Gell, Harold A., Jr. Coffee roaster. 4,494,314, 1-22-85, Cl. 34-10.000.

Gell, Harold A., Jr. Data copy system. 4,536,081, 8-20-85, Cl. 355-20.000.

Gell, Maurice L.; and Giamei, Anthony F., to United Technologies Corporation. Mechanically worked single crystal article. 4,528,048, 7-9-85, Cl. 148-404.000.

Gell, Maurice L.: *See—*
Duhl, David N.; Chen, Otis Y.; and Gell, Maurice L., 4,512,817, Cl. 148-3.000.

Gellatly, William W.: *See—*
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Gellenbeck, Thomas C., to Team Cruiser Conversion Co., Inc. Truck cab with rear compartment and engine housing. 4,511,175, 4-16-85, Cl. 296-190.000.

Geller, David A., to Wico Corporation. Adapter circuit for trackball device. 4,493,992, 1-15-85, Cl. 250-221.000.

Geller, Leo, to ALZA Corporation. Device for releasing active ingredient, insertable in a system of parenteral administering the ingredient. 4,534,757, 8-13-85, Cl. 604-85.000.

Geller, Myer; Keenan, Thomas E.; Altman, Daniel E.; and Patterson, Richard H., to United States of America, Navy. Optical non-line-of-sight covert, secure high data communication system. 4,493,114, 1-8-85, Cl. 455-617.000.

Gellerson, Walter G., to Decoto Aircraft Inc. Device to transfer mechanical motion across fluid barrier. 4,559,865, 12-24-85, Cl. 92-5.00L.

Gellert, Jobst U. Injection molding core ring gate system. 4,521,179, 6-4-85, Cl. 425-548.000.

Gellert, Jobst U. Heated nozzle for injection molding apparatus. 4,557,685, 12-10-85, Cl. 425-549.000.

Gellert, Robert I.: *See—*
Erdmann, Joachim C.; and Gellert, Robert I., 4,492,465, Cl. 356-152.000.

Gellman, Gary; Erfurt, George A.; and Roe, James E., to Nabisco Brands, Inc. Soft canine biscuit containing discrete meat and/or meat by-product particles and method for making same. 4,534,989, 8-13-85, Cl. 426-549.000.

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Gellman, Gary; Erburt, George A.; and Roe, James E., to Nabisco Brands, Inc. Canine biscuit containing discrete meat and/or meat by-product particles and method for making same. 4,551,343, 11-5-85, Cl. 426-549.000.

Gelmini, James M.: *See—*
Panush, Sol; Gelmini, James M.; and Varcak, David M., 4,547,410, Cl. 427-388.200.

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Gelsdorf, Gunter: *See—*
Eschmann, Friedrich; Gelsdorf, Gunter; Nold, Peter; Staats, Gotthard; and Subat, Gerhard, 4,508,504, Cl. 432-217.000.

Gelse, Hans-Dieter; Heger, Werner; and Kramer, Manfred, to WABCO Fahrzeugbremsen GmbH. Compressor apparatus. 4,522,568, 6-11-85, Cl. 417-307.000.

Geltosky, John E., to Du Pont de Nemours, E. I., and Company. Hybridoma cell lines and monoclonal antibodies to theophylline. 4,524,025, 6-18-85, Cl. 260-112.00R.

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Bostian, Clarence L., Jr.; and Gelula, Jerome D., 4,501,631, Cl. 156-161.000.

Gem Industries, Inc.: *See—*
Guillot, Edmond P., 4,535,493, Cl. 5-100.000.

Gem Products, Inc.: *See—*
Cowan, Arnold A., 4,537,214, Cl. 137-318.000.

Gemcor Engineering Corp.: *See—*
Davern, John W.; and Cook, Daniel D., 4,515,302, Cl. 227-58.000.

GemDialogue Systems, Inc.: *See—*
Rubin, Howard, 4,527,895, Cl. 356-30.000.

Gemignani, Andre. Pilot-controlled safety valve. 4,522,369, 6-11-85, Cl. 251-61.500.

Gemignani, Francois. Blocking valve. 4,515,344, 5-7-85, Cl. 251-635.000.

Gemma, Kazutoshi; and Ishibashi, Michiyasu, to Hitachi, Ltd. Signal transfer timing control using stored data relating to operating speeds of memory and processor. 4,499,536, 2-12-85, Cl. 364-200.000.

Gemma, Mario: *See—*
Rossi, Guglielmo; and Gemma, Mario, 4,510,480, Cl. 337-321.000.

Gemmell, Leslie W. Device for destroying bacterial flora. 4,502,164, 3-5-85, Cl. 4-191.000.

Gemmill, Robert M., Jr.: *See—*
Horodysky, Andrew G.; and Gemmill, Robert M., Jr., 4,541,941, Cl. 252-49.600.
Horodysky, Andrew G.; and Gemmill, Robert M., Jr., 4,556,497, Cl. 252-51.50A.

Gen, Tamar G.; and Cydzik, Edward A., to Raychem Corporation. Soldering methods and devices. 4,505,421, 3-19-85, Cl. 228-224.000.

Genba, Tsuneo; Mizobe, Akio; and Okazaki, Masaki, to Kuraray Co., Ltd. Process for producing hydraulically setting extruding materials. 4,524,042, 6-18-85, Cl. 264-211.000.

Genba, Yasushi: *See—*
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Gencarelli, Richard A.; and Wheeler, Edward L., to Uniroyal, Inc. Process for making triazoles. 4,528,381, 7-9-85, Cl. 548-257.000.

Genco, Joseph M.; and Hassler, John C., to University of Maine, Board of Trustees of the. Method for determining the degree of completion and pulp yield. 4,540,468, 9-10-85, Cl. 162-49.000.

GenCorp Inc.: *See—*
Brown, Robert L.; Henley, Virgil E.; and Kovalchik, Stephen J., 4,498,948, Cl. 156-401.000.
Brown, Robert L.; Jones, William A.; and Anderson, Daryl E., 4,508,586, Cl. 156-401.000.
Cobbledick, David S., 4,515,710, Cl. 252-511.000.
Forsyth, Ronald J., 4,561,919, Cl. 156-136.000.
Linnstaedter, Don J., 4,552,521, Cl. 425-131.100.
Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,553,578, Cl. 152-209.00R.

Gendreau, Paul M.; Llort, Francisco M.; and Berard, Raymond A., to Acushnet Company. Process for making a solid golf ball. 4,546,980, 10-15-85, Cl. 273-218.000.

Gendrich, Ronald L.; and Holleman, William H., to Abbott Laboratories. Matrix polymers for binding endotoxins. 4,491,660, 1-1-85, Cl. 536-32.000.

Gendron, Gary E.: *See—*
Sykes, Donald J.; and Gendron, Gary E., 4,555,023, Cl. 206-446.000.

Gene Esparza, Natividad. Method and apparatus for determining route from a present location to a desired destination in a city. 4,546,439, 10-8-85, Cl. 364-444.000.

Gene West, Inc.: *See—*
West, Gene P., 4,522,241, Cl. 144-193.00A.

Genelin, Gregory U. Method for eliciting responses by animals to moving, visually discernible stimuli, and apparatus for providing a moving visually discernible stimulus. 4,495,893, 1-29-85, Cl. 119-29.000.

Genentech, Inc.: *See—*
Bock, Susan C.; and Lawn, Richard M., 4,517,294, Cl. 435-70.000.
Builder, Stuart E.; and Ogez, John R., 4,511,502, Cl. 260-112.00R.
DeBoer, Herman A., 4,551,433, Cl. 435-253.000.

- Dennis, Mark S.; Estell, David A.; and Light, David R., 4,512,973, Cl. 424-94.000.
- Johnston, Paul D., 4,534,906, Cl. 260-112.00R.
- Jones, Andrew J. S.; Olson, Kenneth C.; and Shire, Steven J., 4,512,922, Cl. 260-112.00R.
- Olson, Kenneth C.; and Pai, Rong-Chang, 4,511,503, Cl. 260-112.00R.
- Olson, Kenneth C., 4,518,526, Cl. 260-112.00R.
- Sherman, Leonard H.; Swartz, James R.; and Williams, James M., 4,554,499, Cl. 318-696.000.

Genequand, Pierre: *See—*
- Stark, Virgil; and Genequand, Pierre, 4,520,794, Cl. 126-438.000.

General Aluminum Products, Inc.: *See—*
- Austin, Barry G., 4,561,227, Cl. 52-226.000.

General American Transportation Corporation: *See—*
- Augustine, Paul C., Jr., 4,493,266, Cl. 105-255.000.
- Davis, Edward L.; and Mowatt-Larssen, Erling, 4,513,795, Cl. 141-35.000.
- Everett, John E., Jr., 4,557,199, Cl. 105-362.000.
- Mowatt-Larssen, Erling, 4,515,189, Cl. 141-11.000.

General Audio-Visual Inc.: *See—*
- LiDonnici, Kenneth; and Dituri, Angelo, 4,518,233, Cl. 353-87.000.
- Viasmensky, Vladimir, 4,526,337, Cl. 248-639.000.

General Battery Corporation: *See—*
- Anderson, Carl; and Craig, Richard H., 4,555,459, Cl. 429-211.000.
- Beidler, David B., 4,517,262, Cl. 429-87.000.
- Eberle, William J., 4,534,549, Cl. 271-103.000.

General Binding Corporation: *See—*
- Vercillo, Alfredo J.; and Kuehn, Arthur, 4,495,456, Cl. 318-755.000.

General Can Company, Inc.: *See—*
- Wright, Philip M., 4,540,105, Cl. 220-359.000.
- Wright, Philip M.; and Didier, Donald, 4,544,080, Cl. 220-359.000.

General Clutch Corp.: *See—*
- Waine, Martin; Rude, Edward T.; and Nisenson, Jules, 4,499,937, Cl. 160-41.000.

General Computer Corporation: *See—*
- Curran, Kevin G.; Golson, Steven E.; and Rode, Christian S., 4,525,599, Cl. 178-22.080.

General Corporation, The: *See—*
- Shirakami, Toshiaki, 4,506,289, Cl. 358-22.000.

General Drapery Services, Inc.: *See—*
- Chong, Ian, 4,492,261, Cl. 160-319.000.

General Dryer Corporation: *See—*
- Heimark, Charles J., Jr.; and Heimark, Charles J., Sr., 4,538,404, Cl. 56-314.000.

General Dynamics: *See—*
- Panzer, Gary W., 4,503,536, Cl. 371-25.000.

General Dynamics Corporation: *See—*
- Bradfield, Ganey W.; and Cragin, Glynn P., Jr., 4,505,443, Cl. 244-12.500.
- Foley, William H., 4,541,594, Cl. 244-114.00B.
- Merrick, James W., 4,538,573, Cl. 123-418.000.

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- Bartholomew, Bruce J., 4,504,122, Cl. 350-388.000.
- Carlson, Ronald F., 4,534,682, Cl. 408-14.000.
- Clifton, James E.; and Carlson, Ronald F., 4,538,943, Cl. 408-14.000.
- Hujsak, Edward J., 4,524,552, Cl. 52-108.000.
- Morghen, Manfred, 4,500,079, Cl. 269-47.000.
- Morghen, Manfred, 4,538,355, Cl. 33-180.00R.

General Dynamics Corporation, Electronics Division: *See—*
- Hosking, Michael B., 4,520,429, Cl. 361-413.000.
- Mathis, Ronald F., 4,553,101, Cl. 329-50.000.

General Dynamics, Pomona Division: *See—*
- Becnel, Larry H., 4,535,545, Cl. 33-550.000.
- Daukas, Anthony, 4,549,707, Cl. 244-3.210.
- Dedow, Karen A., 4,496,406, Cl. 156-66.000.
- Jones, Richard W., 4,508,293, Cl. 244-3.150.
- KaDell, Charles W., Jr., 4,545,570, Cl. 269-52.000.
- Kline, Mark L.; and Ross, Oakley G., 4,546,614, Cl. 62-62.000.
- Kline, Mark L.; and Ross, Oakley G., 4,546,621, Cl. 62-514.00R.
- Kuffer, Fernand B., 4,519,707, Cl. 356-326.000.
- Lair, Clair K.; Jonas, Jules; and Anderson, Keith D., 4,522,356, Cl. 244-3.150.
- Long, Stuart G.; and Maciocia, Michael J., 4,554,210, Cl. 428-349.000.
- Marshall, George C., Jr., 4,491,084, Cl. 118-683.000.
- Marshall, George C., Jr., 4,499,120, Cl. 427-123.000.
- Maudal, Inge, 4,494,460, Cl. 102-293.000.
- Maudal, Inge; Niemeier, Byron M.; and Wedertz, Larry D., 4,561,357, Cl. 102-439.000.
- Palmer, John P.; and Ward, Phillip B., Jr., 4,514,057, Cl. 350-96.150.
- Piesik, Edward T., 4,545,284, Cl. 89-1.819.
- Schlunt, Richard S.; and Schmid, Hans-Peter, 4,504,923, Cl. 364-728.000.
- Scoccia, Adelmo A.; and Schellin, Donald B., deceased, 4,533,189, Cl. 339-17.0CF.
- Shores, Marvin W., 4,540,293, Cl. 374-130.000.
- Shores, Marvin W., 4,558,918, Cl. 339-143.00R.
- Shores, Marvin W., 4,561,183, Cl. 33-1.00M.
- Speer, Spencer J., 4,491,054, Cl. 89-1.814.
- Yueh, William R., 4,492,352, Cl. 244-3.150.
- Yueh, William R., 4,494,202, Cl. 364-462.000.
- Yueh, William R., 4,502,650, Cl. 244-3.150.

General Eastern Instruments Corporation: *See—*
- Harding, John C., Jr., 4,554,793, Cl. 62-126.000.

General Electric Compamy, p.l.c., The: *See—*
- Barratt, Stuart; and Lumb, Anthony P., 4,493,030, Cl. 364-200.000.

General Electric Company: *See—*
- Abeelen, Petrus C. A. M. V.; Bussink, Jan; and Heuschen, Jean M. H., 4,539,350, Cl. 523-527.000.
- Abolins, Visvaldis; Betts, Joseph E.; and Holub, Fred F., 4,497,925, Cl. 524-269.000.
- Abolins, Visvaldis; and Holub, Fred F., 4,504,613, Cl. 524-125.000.
- Abolins, Visvaldis; and Holub, Fred F., 4,535,106, Cl. 524-151.000.
- Acharya, Kishore C.; Gilbert, Thomas J.; and Griffie, Terry R., 4,504,909, Cl. 364-414.000.
- Ackerman, John F., 4,496,844, Cl. 250-483.100.
- Afifi, Mostafa S.; and Chiappetta, Frank R., 4,544,928, Cl. 343-781.00P.
- Ahlgren, Frederic F., 4,525,651, Cl. 315-240.000.
- Albers, Francis G.; and Neves, Fernando B., 4,505,558, Cl. 354-4.000.
- Aliberto, Anthony C.; and Silberberg, Joseph, 4,517,339, Cl. 525-85.000.
- Allen, Richard B., 4,536,542, Cl. 525-67.000.
- Allen, Richard B.; and Avakian, Roger W., 4,544,677, Cl. 521-91.000.
- Alley, Robert P.; Harnden, John D., Jr.; and Kornrumpf, William P., 4,561,314, Cl. 73-862.690.
- Altekruse, Richard A., 4,494,141, Cl. 358-111.000.
- Anderson, John M.; and Johnson, Peter D., 4,499,400, Cl. 313-265.000.
- Anderson, John M., 4,508,993, Cl. 315-59.000.
- Anderson, John M., 4,523,125, Cl. 313-491.000.
- Anderson, John M.; and Johnson, Peter D., 4,528,209, Cl. 427-67.000.
- Anderson, Thomas E.; Bush, Alvin A.; and Giorgis, John, 4,492,881, Cl. 307-270.000.
- Andrews, Edward W.; and Lambert, Thomas W., 4,561,054, Cl. 364-414.000.
- Aneja, Viney P., 4,492,807, Cl. 568-724.000.
- Anthony, Blair T., 4,495,360, Cl. 556-436.000.
- Anthony, Blair T.; and LeGrand, Donald G., 4,499,224, Cl. 524-261.000.
- Anthony, Blair T., 4,525,426, Cl. 428-447.000.
- Anthony, Thomas R., 4,499,655, Cl. 29-576.00J.
- Anthony, Thomas R.; Houston, Douglas E.; and Loughran, James A., 4,527,183, Cl. 357-30.000.
- Anthony, Thomas R., 4,547,836, Cl. 361-400.000.
- Anthony, Thomas R., 4,549,912, Cl. 148-33.100.
- Archibald, James B.; and Eats, James V., 4,519,669, Cl. 339-274.000.
- Arendt, Ronald H.; and Pasco, Wayne D., 4,534,956, Cl. 423-598.000.
- Ashby, Bruce A., 4,496,680, Cl. 524-265.000.
- Ashby, Bruce A.; and Lucas, Gary M., 4,506,058, Cl. 524-730.000.
- Auerbach, Abraham, 4,526,807, Cl. 427-53.100.
- Avakian, Roger W., 4,508,861, Cl. 524-101.000.
- Avakian, Roger W., 4,555,540, Cl. 524-130.000.
- Axelrod, Robert J.; Campbell, John R.; and Ting, Sai-Pei, 4,507,436, Cl. 525-92.000.
- Axelrod, Robert J., 4,520,152, Cl. 524-120.000.
- Axelrod, Robert J., 4,526,917, Cl. 524-141.000.
- Axelrod, Robert J., 4,562,011, Cl. 260-978.000.
- Bair, Eugene C.; and Crawford, Delmar E., 4,559,698, Cl. 29-598.000.
- Balch, Richard A.; and Palmer, Ansell W., 4,491,791, Cl. 324-157.000.
- Baldwin, Samuel L., 4,520,435, Cl. 362-311.000.
- Baliga, Bantval J., 4,506,282, Cl. 357-43.000.
- Baliga, Bantval J., 4,523,111, Cl. 307-574.000.
- Barber, William D.; Eberhard, Jeffrey W.; and Karr, Steven G., 4,542,657, Cl. 73-861.250.
- Barnes, Richard A., 4,504,821, Cl. 340-146.200.
- Beall, Donald L.; Tomlinson, Harold W., Jr.; and Hart, William G., Jr., 4,493,105, Cl. 382-21.000.
- Beane, Bennie J., 4,521,379, Cl. 422-209.000.
- Beatty, Robert M.; Huber, Paul G.; and Miller, Edward B., 4,562,550, Cl. 364-492.000.
- Becker, Joseph J.; Luborsky, Fred E.; Jacobs, Israel S.; and McCary, Richard O., 4,528,481, Cl. 315-248.000.
- Beers, Dale M., 4,513,115, Cl. 524-731.000.
- Beers, Dale M., 4,539,367, Cl. 524-731.000.
- Belanger, Barry F.; and Sieb, Lawrence E., 4,541,106, Cl. 378-099.000.
- Bell, Gordon M.; and Hopkinson, Philip J., 4,521,956, Cl. 29-605.000.
- Bell, Robert K., 4,511,861, Cl. 331-108.00R.
- Bellino, Joseph P., 4,525,703, Cl. 340-628.000.
- Bennett, James G.; and Chambers, Gregory R., 4,554,266, Cl. 502-344.000.
- Bennett, James G., Jr.; Tungate, Freddie L.; and Kokoszka, John J., 4,503,272, Cl. 568-804.000.
- Bennett, James G., Jr.; and Lee, Gim F., Jr., 4,513,120, Cl. 525-316.000.
- Bennett, James G., Jr.; and Tungate, Freddie L., 4,547,480, Cl. 502-159.000.
- Benson, Michael R.; Hill, William D.; OBrien, Garrett G.; and Hollenbeck, Dennis W., 4,495,655, Cl. 455-603.000.
- Benson, Michael R.; and Hill, William D., 4,556,329, Cl. 374-173.000.

Berlec, Ivan, 4,524,302, Cl. 313-579.000.
Bhavsar, Dilip K., 4,498,172, Cl. 371-25.000.
Bianchi, Julio J., 4,551,621, Cl. 235-117.00R.
Bitting, Ricky F., 4,491,772, Cl. 318-254.000.
Bitting, Ricky F.; Peil, William; and Brown, Thomas A., 4,494,055, Cl. 318-254.000.
Bitting, Ricky F.; Peil, William, Brown, Thomas A.; and Guzek, William K., 4,499,408, Cl. 318-254.000.
Bitting, Ricky F.; and Peil, William, 4,500,821, Cl. 318-254.000.
Black, Kenneth G.; and McElhenny, Stuart W., 4,495,449, Cl. 318-60.000.
Blair, Lawrence W.; and Bryans, Alexander C., 4,502,837, Cl. 415-198.100.
Blake, Walter R., 4,516,196, Cl. 362-311.000.
Bloomer, Milton D., 4,500,838, Cl. 324-117.00R.
Bloomer, Milton D., 4,513,207, Cl. 307-126.000.
Bloomer, Milton D., 4,528,494, Cl. 323-237.000.
Bloomer, Milton D., 4,540,893, Cl. 307-248.000.
Bloomer, Milton D., 4,547,828, Cl. 361-86.000.
Bluestein, Ben A., 4,529,752, Cl. 523-214.000.
Bobear, William J., 4,539,357, Cl. 524-267.000.
Bolon, Donald A.; Gorczyca, Thomas B.; and Hallgren, John E., 4,533,504, Cl. 260-463.000.
Bonini, Bruno; Cook, Raymond G.; Holdren, Carl F.; and Johnston, Everett A., 4,533,098, Cl. 244-110.00B.
Bonneau, Paul; Holshouser, Howard E.; and Rogers, Terrence E., 4,510,623, Cl. 455-181.000.
Boothman, David R., 4,510,548, Cl. 361-25.000.
Boothman, David R.; and Forde, John C., 4,544,982, Cl. 361-96.000.
Borman, Willem F. H.; and Semen, John, 4,530,878, Cl. 428-334.000.
Bottomley, Paul A.; and Edelstein, William A., 4,506,223, Cl. 324-309.000.
Bottomley, Paul A.; and Edelstein, William A., 4,521,733, Cl. 324-309.000.
Bovenkerk, Harold P.; Gigl, Paul D.; and Corrigan, Francis R., 4,536,442, Cl. 428-323.000.
Bowles, Patrick J.; and Garrett, Lloyd W., 4,549,644, Cl. 198-341.000.
Boyd, John H., Jr., 4,528,485, Cl. 318-138.000.
Boyd, John H., Jr.; and Muller, Alexander, 4,540,921, Cl. 318-254.000.
Brackman, William D., Jr., 4,494,182, Cl. 363-63.000.
Brackman, William D., Jr.; D'Atre, John D.; and Walker, Loren H., 4,507,723, Cl. 363-87.000.
Bradley, Irving, 4,555,748, Cl. 362-61.000.
Brady, Joseph H.; Koenig, Albert A.; and Straub, Harry, 4,538,834, Cl. 285-10.000.
Breen, Thomas B., 4,538,197, Cl. 361-71.000.
Bricknell, Rodger H., 4,554,526, Cl. 337-379.000.
Brines, Marjorie J.; and Rabatin, Jacob G., 4,499,159, Cl. 428-691.000.
Brinn, Walter K.; Berlec, Ivan; Davenport, John M.; Vukcevich, Milan R.; and Fridrich, Elmer G., 4,547,794, Cl. 315-71.000.
Brisken, Axel F., 4,530,363, Cl. 128-663.000.
Brown, Dale M., 4,536,782, Cl. 357-23.100.
Brown, Edgar D., Jr., 4,536,590, Cl. 556-453.000.
Brown, Herbert J.; and Stitt, Thomas D., 4,524,316, Cl. 318-809.000.
Brown, Thomas A.; Dissosway, Marc A.; Peil, William; and Vamvakas, Spiro, 4,495,446, Cl. 315-206.000.
Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,512,946, Cl. 264-332.000.
Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,515,746, Cl. 264-332.000.
Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,539,141, Cl. 252-516.000.
Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,539,299, Cl. 501-96.000.
Brunelle, Daniel J., 4,507,246, Cl. 260-429.500.
Brunelle, Daniel J.; and Singleton, Daniel A., 4,513,141, Cl. 548-476.000.
Bullock, Donald F.; and Palmer, Ansell W., 4,491,792, Cl. 324-157.000.
Burge, Joseph C.; and Bathori, Julius, 4,522,559, Cl. 415-196.000.
Burnett, Jesse W.; and Hall, Homer H., 4,528,437, Cl. 219-85.0CA
Burzminski, Michael J., 4,506,067, Cl. 528-196.000.
Bush, Richard B.; and Evans, Edwin R., 4,525,528, Cl. 524-860.000.
Bussink, Jan; and de Munck, Johannes W. J., 4,529,652, Cl. 428-379.000.
Bussink, Jan; de Munck, Johannes W. J.; and Marie van Abeelen, Petrus C. A., 4,537,930, Cl. 524-505.000.
Campbell, John R.; and Williams, Robert E., Jr., 4,523,002, Cl. 528-26.000.
Campbell, John R.; and Williams, Robert E., Jr., 4,525,567, Cl. 528-27.000.
Campbell, John R.; and Thackeray, James W., 4,533,722, Cl. 528-199.000.
Carlson, Richard O.; Glascock, Homer H., II; Loughran, James A.; and Webster, Harold F., 4,541,035, Cl. 361-414.000.
Carnes, Ronald C.; and Naumann, Ted F., Jr., 4,550,608, Cl. 73-633.000.
Carreno, Diether E., 4,497,613, Cl. 416-228.000.
Carter, Daniel L.; and Hall, Homer H., 4,493,986, Cl. 219-85.00D
Case, Allen W., Jr.; and Peroutky, Donald C., 4,521,670, Cl. 219-130.010.
Case, Allen W., Jr.; Ringwall, Carl G.; and Pollick, Michael L., 4,542,279, Cl. 219-124.340.
Caste, Thomas K., 4,554,426, Cl. 200-159.00B.
Castleberry, Donald E.; and Becker, Charles A., 4,520,357, Cl. 340-783.000.
Castonguay, Roger N.; and Powell, David B., 4,499,344, Cl. 200-50.00C.
Castonguay, Roger N.; and Jencks, Charles L., 4,553,119, Cl. 335-147.000.
Cath, Pieter G.; Capp, John, and Loeffler, William P., 4,495,558, Cl. 364-563.000.
Challen, Richard F., 4,521,918, Cl. 455-343.000.
Chambers, Gregory R.; and Bennett, James G., Jr., 4,554,267, Cl. 502-340.000.
Chang, Hsiao-Nan L.; and Cline, John A., 4,494,207, Cl. 364-494.000.
Chang, Hsiao-Nan L., 4,494,208, Cl. 364-494.000.
Chastine, Gary L.; and Haag, Norbert P., 4,490,990, Cl. 62-279.000
Chastine, Gary L., 4,490,992, Cl. 62-295.000.
Ching, Ta-Yen, 4,503,180, Cl. 524-293.000.
Chiu, Norman H., 4,561,002, Cl. 340-365.00C.
Cho, Hyun S., 4,534,934, Cl. 419-6.000.
Chun, Myung K., 4,559,627, Cl. 372-92.000.
Chung, Rack H., 4,515,932, Cl. 528-16.000.
Chung, Rack H.; Lucas, Gary M.; and Liermann, August O., 4,528,324, Cl. 524-863.000.
Chung, Rack H., deceased; and Chung, Betsy A., executrix, 4,495,330, Cl. 524-783.000.
Chung, Rack H., deceased, 4,495,331, Cl. 524-783.000.
Chung, Rack H., deceased, 4,528,352, Cl. 528-18.000.
Cichanowski, Stanley W., 4,499,520, Cl. 361-311.000.
Cline, Harvey E., 4,492,738, Cl. 428-611.000.
Cline, Harvey E., 4,492,739, Cl. 428-611.000.
Cline, Harvey E., 4,496,634, Cl. 428-611.000.
Cline, Harvey E., 4,498,923, Cl. 75-65.0ZM.
Cline, Harvey E., 4,498,924, Cl. 75-65.0ZM.
Cline, Harvey E., 4,498,925, Cl. 75-65.0ZM.
Cline, Harvey E., 4,498,926, Cl. 75-65.0ZM.
Cline, Harvey E., 4,500,609, Cl. 428-610.000.
Cline, Harvey E., 4,500,898, Cl. 357-23.000.
Cline, Harvey E., 4,515,654, Cl. 156-656.000.
Cline, Harvey E.; Holik, Andrew S.; and Lorensen, William E., 4,525,858, Cl. 382-1.000.
Cline, Harvey E., 4,527,082, Cl. 310-313.00B.
Closson, James M.; and Hay, Noah D., 4,521,955, Cl. 29-605.000
Cohen, Simon S.; and Ghezzo, Mario, 4,528,582, Cl. 357-51.000.
Collins, Michael F.; and Lordi, Francis D., 4,555,612, Cl. 219-121.00P.
Collins, Patrick C., 4,513,037, Cl. 428-35.000.
Collins, Patrick C.; and Gasaway, John M., 4,550,058, Cl. 428-412.000.
Collins, Robert P.; Haim, Elias S.; and Rowen, John A., 4,541,692, Cl. 350-339.00R.
Connolly, John D., Jr.; Gallivan, Timothy J.; and Ringle, Richard P., 4,522,769, Cl. 264-0.500.
Cooper, Glenn D.; and Katchman, Arthur, 4,528,327, Cl. 525-68.000.
Cooper, Stephen M., 4,504,650, Cl. 528-185.000.
Corby, Nelson R., Jr., 4,491,719, Cl. 219-124.340.
Corby, Nelson R., Jr.; Lund, Richard M.; and Peroutky, Donald C., 4,532,405, Cl. 219-124.340.
Cote, Paul T., 4,516,056, Cl. 315-240.000.
Cowles, Harold R.; and Kray, William D., 4,529,707, Cl. 436-72.000.
Cox, Howard N., 4,548,063, Cl. 72-16.000.
Craig, Edwin R.; and Blumberg, Ben, Jr., 4,508,677, Cl. 376-174.000.
Crivello, James V., 4,518,788, Cl. 560-064.000.
Crivello, James V.; and Lee, Julia L., 4,529,490, Cl. 204-159.110.
Crivello, James V., 4,535,174, Cl. 556-443.000.
Crivello, James V., 4,537,854, Cl. 430-283.000.
Crouch, Donald W.; and Sofianek, Joseph C., 4,492,837, Cl. 200-144.00B.
Cunningham, Eldon R., 4,523,118, Cl. 310-90.000.
Curulla, Michael V.; Price, John F.; Matzner, Bruce; Brayman, Kenneth W.; and Qurnell, Frank D., 4,544,522, Cl. 376-441.000.
Curulla, Michael V., 4,556,531, Cl. 376-441.000.
Cusano, Dominic A.; Greskovich, Charles D.; and DiBianca, Frank A., 4,518,545, Cl. 264-1.200.
Cuscino, Richard T.; Lee, Lester H.; Prohl, Melvin A.; Skinner, David R.; and Taylor, Thomas F., 4,552,292, Cl. 228-183.000.
Cushing, Donald S., 4,509,687, Cl. 239-245.000.
Cushing, Donald S., 4,525,608, Cl. 200-38.00R.
Dalke, Charles A.; and Stoll, Bradley G., 4,548,783, Cl. 376-204.000.
Dallavia, Anthony J., Jr., 4,526,953, Cl. 528-15.000.
Davenport, John M., 4,494,045, Cl. 315-247.000.
Davis, Gary C., 4,515,887, Cl. 430-283.000.
Davis, L. Berkley, Jr.; Hilt, Milton B.; and Wilkes, Colin, 4,534,165, Cl. 60-39.020.
Davis, Richard K.; and McKnight, William S., 4,562,392, Cl. 318-572.000.
Day, Robert A., 4,551,647, Cl. 310-335.000.

DeLeeuw, Cornelius; and Blunt, Thomas O., 4,492,368, Cl. 269-32.000.
Dembowski, Peter V.; and Dobras, Quentin D., 4,517,493, Cl. 315-73.000.
Demler, Michael J., 4,539,495, Cl. 307-530.000.
Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.
DePuy, Robert P., 4,561,047, Cl. 363-56.000.
Devins, John C., 4,513,346, Cl. 361-212.000.
Devins, John C.; and Sharbaugh, Amandus H., 4,522,065, Cl. 73-705.000.
DiBianca, Frank A.; Georges, Jean-Pierre J.; Cusano, Dominic A.; and Greskovich, Charles D., 4,525,628, Cl. 250-367.000.
Dickenson, Royston J.; and Jaswa, Vijay C., 4,556,956, Cl. 364-162.000.
Dietz, Peter W.; and Wood, Ralph T., 4,499,118, Cl. 427-28.000.
DiMassimo, Donald V.; May, John B.; and Lemmon, Michael D., 4,536,759, Cl. 340-706.000.
Dix, Joseph, 4,492,144, Cl. 89-33.170.
Doin, James E.; and Vaughn, Howard A., Jr., 4,559,271, Cl. 428-412.000.
Dombrowski, David M.; and Anastasi, Kenneth J., 4,552,046, Cl. 82-36.00A.
Donaldson, Charles W., 4,509,265, Cl. 33-174.0PA.
Donaldson, Charles W., 4,518,257, Cl. 356-375.000.
Dornbusch, Paul E., 4,491,000, Cl. 72-8.000.
Dougherty, John J., 4,510,611, Cl. 375-8.000.
Dougherty, John J., 4,550,360, Cl. 361-93.000.
Dudgeon, Charles D.; and Winstead, Maynard R., 4,493,912, Cl. 523-137.000.
Dziark, John J., 4,536,540, Cl. 524-701.000.
Eaton, Richard H., 4,511,203, Cl. 339-255.00P.
Eckberg, Richard P., 4,525,391, Cl. 427-391.000.
Eckberg, Richard P., 4,547,431, Cl. 428-413.000.
Eckberg, Richard P., 4,558,082, Cl. 524-104.000.
Eckberg, Richard P.; Striker, Richard A.; and Modic, Frank J., 4,558,147, Cl. 556-427.000.
Eddens, Fletcher C., 4,548,657, Cl. 148-133.000.
Eddy, Victoria J.; and Hallgren, John E., 4,542,226, Cl. 549-214.000.
Edelstein, William A., 4,532,474, Cl. 324-309.000.
Eichelberger, Charles W.; Wojnarowski, Robert J.; and Cohen, Peter I., 4,495,251, Cl. 428-548.000.
Eichelberger, Charles W.; and Wojnarowski, Robert J., 4,522,888, Cl. 428-546.000.
Eichelberger, Charles W.; Wojnarowski, Robert J.; and Auerbach, Abraham, 4,528,748, Cl. 29-835.000.
Elliott, Henry H., 4,549,985, Cl. 252-631.000.
Elton, Richard K., 4,510,077, Cl. 252-502.000.
Elton, Richard K.; and Schultz, William R., Jr., 4,533,694, Cl. 524-449.000.
Emeterio, Eloy V.; Deallenbach, Robert E.; O'Connor, Martin F.; and Klufas, Oleg, 4,537,560, Cl. 416-198.00A.
Englund, Arvid E., Jr., 4,503,402, Cl. 331-36.00C.
Englund, Arvid E., Jr., 4,506,233, Cl. 331-17.000.
Erdman, David M., 4,513,230, Cl. 318-254.000.
Erdman, David M.; and Harms, Harold B., 4,532,459, Cl. 318-138.000.
Erdman, David M., 4,556,827, Cl. 318-254.000.
Erkfritz, Donald S., 4,529,338, Cl. 407-35.000.
Espelage, Paul M.; and Nowak, James M., 4,539,514, Cl. 318-778.000.
Espelage, Paul M.; and Lippitt, David L., 4,562,396, Cl. 318-809.000.
Evans, Edwin R.; and Clark, Robert F., 4,492,786, Cl. 524-865.000.
Evans, Edwin R.; Pate, Kevin T.; Rattner, Jerome E.; and Simpson, Verne G., 4,529,774, Cl. 524-860.000.
Evans, John T., 4,514,814, Cl. 364-474.000.
Evans, Michael W., 4,546,486, Cl. 375-119.000.
Evans, Thomas L., 4,499,285, Cl. 548-461.000.
Evans, Thomas L., 4,520,204, Cl. 548-461.000.
Faltynek, Robert A., 4,529,553, Cl. 556-12.000.
Faltynek, Robert A., 4,550,152, Cl. 528-15.000.
Fapiano, Donald J., 4,521,859, Cl. 364-472.000.
Farrall, George A., 4,534,741, Cl. 445-3.000.
Faulkenberry, Wayne J.; and Franke, Earnest A., 4,506,939, Cl. 339-17.00C.
Fischer, Larry E.; Sridhar, Bettadapur N.; and Bean, Jackie E., 4,518,559, Cl. 376-230.000.
Fischer, Larry E.; and Bean, Jackie E., 4,521,370, Cl. 376-233.000.
Fitzmayer, Louis H., 4,496,814, Cl. 219-10.55F.
Flax, Stephen W.; and Pelc, Norbert J., 4,515,163, Cl. 128-660.000.
Flax, Stephen W., 4,546,772, Cl. 128-660.000.
Florence, Robert A.; Campbell, John R.; and Williams, Robert E., Jr., 4,496,705, Cl. 528-34.000.
Florence, Robert A., 4,511,712, Cl. 528-488.000.
Foss, Stephen D.; and Colantuoni, Giovanni, 4,543,446, Cl. 174-11.00R.
Fox, Daniel W.; Kaduk, Bruce A.; and Starr, John B., Jr., 4,507,442, Cl. 525-439.000.
Fox, Daniel W.; Peters, Edward N.; and Smith, Gary F., 4,510,289, Cl. 525-148.000.
Fox, Daniel W.; Peters, Edward N.; and Smith, Gary F., 4,511,693, Cl. 525-67.000.
Franke, Earnest A.; and Faulkenberry, Wayne J., 4,521,912, Cl. 455-115.000.
Franke, Earnest A., 4,524,336, Cl. 332-16.00R.
Frye, Robert B.; and Zembayashi, Michio, 4,536,529, Cl. 524-284.000.
Frye, Robert B., 4,562,219, Cl. 524-91.000.
Gallagher, Patrick E., 4,550,156, Cl. 528-185.000.
Gantley, Francis C.; Chervenic, Jack; and Suconick, David J., 4,558,171, Cl. 174-52.0FP.
Gay, Charles H., Jr.; and Lenahan, Dean T., 4,526,509, Cl. 415-174.000.
Gelbard, Robert B.; Grimm, Bernard J.; and Irish, William D., 4,497,183, Cl. 62-295.000.
Gelbard, Robert B., 4,535,600, Cl. 62-156.000.
Germano, Carmen P.; and Davenport, John M., 4,538,087, Cl. 310-332.000.
Germano, Carmen P., 4,553,061, Cl. 310-332.000.
Germer, Warren R.; and Palmer, Ansell W., 4,491,793, Cl. 324-157.000.
Ghaem-Maghami, Sanjar; and Ehlers, Raymond G., 4,525,745, Cl. 358-237.000.
Giaever, Ivar; and Keese, Charles R., 4,514,500, Cl. 435-241.000.
Gigl, Paul D.; and Cho, Hyun S., 4,518,659, Cl. 428-539.500.
Gigl, Paul D., 4,525,179, Cl. 51-309.000.
Gigliotti, Michael F. X., Jr.; Yang, Swe-Wong; Jackson, Melvin R.; Bruch, Charles A.; and Nguyen-Dinh, Xuan, 4,522,664, Cl. 148-404.000.
Giles, Harold F., Jr.; and Baccaro, Lorene E., 4,543,291, Cl. 428-412.000.
Giles, Harold F., Jr.; and Baccaro, Lorene E., 4,543,292, Cl. 428-412.000.
Gittinger, Norman C., 4,521,803, Cl. 358-12.000.
Glover, Gary H.; and Pelc, Norbert J., 4,550,371, Cl. 364-414.000.
Glover, Gary H.; DallaPiazza, Dennis G.; and Pelc, Norbert J., 4,554,633, Cl. 364-414.000.
Glover, Gary H.; and Kerwin, Edward M., 4,559,639, Cl. 378-19.000.
Golba, Joseph C., Jr., 4,547,541, Cl. 524-151.000.
Gorowitz, Bernard; and Saia, Richard J., 4,522,681, Cl. 156-643.000.
Graves, James A.; and Reiling, Gilbert H., 4,499,401, Cl. 313-315.000.
Green, Robert W.; and Grey, Delton A., Jr., 4,499,152, Cl. 428-448.000.
Greer, Carl R., 4,557,537, Cl. 339-14.00R.
Greskovich, Charles D.; Cusano, Dominic A.; and DiBianca, Frank A., 4,518,546, Cl. 264-1.200.
Griffin, James R., 4,490,991, Cl. 62-279.000.
Griffin, James R.; and White, James A., 4,509,335, Cl. 62-77.000.
Grondahl, Clayton M., 4,531,889, Cl. 416-96.00R.
Gross, Dan A., 4,523,166, Cl. 335-216.000.
Gur, David; Herron, John M.; and Pedersen, Robert H., 4,535,780, Cl. 128-659.000.
Guyton, Peter F.; and Lonn, Albert H. R., 4,527,057, Cl. 250-252.100.
Haaf, William R., 4,544,703, Cl. 525-92.000.
Haag, Donald L., 4,524,255, Cl. 200-83.00R.
Hale, Alan A., 4,558,975, Cl. 408-186.000.
Hale, Thomas E., 4,497,874, Cl. 428-551.000.
Hale, Thomas E., 4,501,786, Cl. 428-215.000.
Hallgren, John E., 4,539,379, Cl. 525-446.000.
Hamerla, Donald R., 4,525,800, Cl. 364-900.000.
Hammer, Edward E.; and Beck, Charles E., 4,523,126, Cl. 313-594.000.
Hammer, Edward E.; and Lemmers, Eugene, 4,562,381, Cl. 315-99.000.
Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., 4,496,793, Cl. 174-68.500.
Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., 4,522,667, Cl. 156-87.000.
Hardin, William R., 4,520,671, Cl. 73-620.000.
Harding, James H., 4,540,541, Cl. 264-328.200.
Hardy, Robert M.; and Premerlani, William J., 4,525,763, Cl. 361-24.000.
Harmon, Larry R.; Reiche, John C.; Bowles, Howard R.; and Chiu, Norman H., 4,533,810, Cl. 219-10.55B.
Harnden, John D., Jr.; and Kornrumpf, William P., 4,559,496, Cl. 324-127.000.
Harris, Dewey L., 4,528,456, Cl. 307-31.000.
Hauck, Robert B.; and Susami, Larry, 4,501,011, Cl. 378-196.000.
Hauser, Ambrose A.; Hetico, Rolf R.; and Wakeman, Thomas G., 4,513,975, Cl. 277-22.000.
Hay, Noah D., 4,523,169, Cl. 336-60.000.
Hayes, John J., Jr., 4,514,732, Cl. 340-825.570.
Heberling, Paul V., 4,533,314, Cl. 431-4.000.
Heft, Eldon B.; Huseby, Irvin C.; and Szymaszek, Jan W., 4,511,773, Cl. 200-144.00C.
Heitman, Christopher J.; and Schwehr, Gregory D., 4,527,440, Cl. 74-10.00R.
Herberg, Michael J.; Macander, Rudolph F.; and Stegman, Todd R., 4,551,515, Cl. 528-18.000.
Herrick, Carlyle S., 4,559,219, Cl. 423-350.000.
Herz, Harold L.; Jobes, Sam S.; Jordan, John D.; Benfey, David P.; and Wheeler, William C., 4,531,181, Cl. 363-21.000.
Hetzel, Frederick; and McCracken, William G., Jr., 4,525,230, Cl. 156-179.000.

Heuschen, Jean M. H.; Bussink, Jan; and Sederel, Willem L., 4,504,623, Cl. 525-67.000.
Heuschen, Jean M. H.; Bussink, Jan; and Sederel, Willem L., 4,504,624, Cl. 525-67.000.
Hodge, James D., 4,526,876, Cl. 501-128.000.
Hodge, James D., 4,528,275, Cl. 501-9.000.
Hoffman, David L., 4,544,048, Cl. 188-251.00A.
Hoffman, David M., 4,560,877, Cl. 250-366.000.
Hofmann, Lee G.; and Dittmar, Charles J., Jr., 4,511,972, Cl. 364-434.000.
Holoyda, Peter W.; Hollenbeck, Dennis W.; and Hill, William D., 4,498,196, Cl. 455-607.000.
Holt, John R., Jr., 4,521,917, Cl. 455-223.000.
Holub, Fred; and Floryan, Daniel E., 4,504,632, Cl. 525-432.000.
Hook, Richard B., 4,526,512, Cl. 416-96.00A.
Hoover, Thomas H.; and Messer, Robert K., 4,529,020, Cl. 141-103.000.
Horner, Michael S.; Brisken, Axel F.; and Zanelli, Claudio I., 4,528,652, Cl. 367-162.000.
Horvay, Julius B.; and Gelbard, Robert B., 4,543,799, Cl. 62-283.000.
Houston, John M., 4,506,369, Cl. 372-72.000.
Houston, John M., 4,559,790, Cl. 62-259.300.
Hsia, Edward S.; Emani, Raghuram J.; and Starkweather, John H., 4,526,226, Cl. 165-109.00R.
Huseby, Irvin C.; and Bobik, Carl F., 4,533,645, Cl. 501-96.000.
Huseby, Irvin C.; and Bobik, Carl F., 4,547,471, Cl. 501-98.000.
Irving, William H.; and Factor, Arnold, 4,529,809, Cl. 560-075.000.
Itani, Abdallah M., 4,535,400, Cl. 363-68.000.
James, William G., 4,499,397, Cl. 313-112.000.
Jaquiss, Donald B. G.; McCready, Russell J.; and Tyrell, John A., 4,532,290, Cl. 524-417.000.
Jencks, Charles L.; and Castonguay, Roger N., 4,550,300, Cl. 335-16.000.
Jenkins, Thomas E., 4,535,524, Cl. 29-453.000.
Jensen, Gerald A.; Wesbey, William H.; and Riederer, Stephen J., 4,496,985, Cl. 358-111.000.
Johnson, Brian C., 4,493,032, Cl. 364-169.000.
Johnson, Curtis A.; Renlund, Gary M.; Van Buren, Charles E.; and Prochazka, Svante, 4,551,436, Cl. 501-90.000.
Johnson, Kenneth O., 4,529,887, Cl. 290-40.00R.
Johnson, Robert O., 4,532,054, Cl. 252-12.400.
Johnson, Ronald L., 4,510,763, Cl. 62-115.000.
Jones, Donald W.; and Miller, Timothy J. E., 4,506,181, Cl. 310-156.000.
Jones, Donald W., 4,525,925, Cl. 29-598.000.
Jones, Dwight V., 4,533,986, Cl. 363-17.000.
Jones, James F.; and Starr, John B., Jr., 4,550,155, Cl. 528-176.000.
Kaminski, Christopher A.; and Williams, Edward K., 4,543,503, Cl. 310-59.000.
Karas, Bradley R.; and Baumgartner, Charles E., 4,500,566, Cl. 427-115.000.
Karas, Bradley R.; and Baumgartner, Charles E., 4,507,262, Cl. 419-2.000.
Karazim, Michael P.; Okashima, Bob Y.; and Ashburn, John J., 4,499,691, Cl. 51-241.00S.
Kast, Howard B., 4,510,848, Cl. 91-461.000.
Kast, Howard B., 4,538,504, Cl. 91-461.000.
Kaufman, George A., III; and Kocher, Mark J., 4,514,677, Cl. 318-759.000.
Keane, John J.; and Pauze, Denis R., 4,493,873, Cl. 428-372.000.
Keane, John J.; and Pauze, Denis R., 4,503,124, Cl. 428-372.000.
Keane, John J.; and Pauze, Denis R., 4,537,804, Cl. 427-118.000.
Keane, John J.; and Pauze, Denis R., 4,546,041, Cl. 428-372.000.
Keim, Thomas A., 4,528,532, Cl. 335-216.000.
Kelley, Fred W., Jr., 4,517,635, Cl. 363-136.000.
Kellie, Truman F., 4,520,388, Cl. 358-107.000.
Kellie, Truman F.; Landry, J. David; and Lai, Ching C., 4,532,723, Cl. 356-73.000.
Keyes, Gary S.; Belanger, Barry F.; and Hall, Anne L., 4,559,557, Cl. 358-111.000.
Kiernan, James G.; Liddell, Robert J.; and Henke, Ronald T., 4,531,535, Cl. 137-99.000.
Kim, Bang M., 4,523,998, Cl. 210-638.000.
Kim, Bang M., 4,533,440, Cl. 204-1.00T.
Kim, Wontaik, 4,503,416, Cl. 338-99.000.
Kim, Wontaik; and Azad, Farzin H., 4,516,864, Cl. 374-130.000.
Kimberlin, Dan W., 4,513,495, Cl. 29-597.000.
Kindig, Alan L., 4,557,042, Cl. 29-734.000.
King, Harold B.; Masaitis, William; Ippisch, Ernest; and Chinn, Albert E., 4,521,862, Cl. 364-552.000.
King, James L.; and Hennessy, John E., 4,521,953, Cl. 29-596.000.
King, James L., 4,544,856, Cl. 310-71.000.
Kinsinger, Richard E., 4,500,934, Cl. 361-3.000.
Klein, Artur, 4,498,450, Cl. 125-16.00R.
Klompas, Nicholas, 4,492,517, Cl. 415-139.000.
Klufas, Oleg, 4,538,455, Cl. 73-118.000.
Knemeyer, Friedel S., 4,527,998, Cl. 51-309.000.
Knorowski, Victor J.; and Sheflin, Daniel J., 4,497,612, Cl. 416-198.00A.
Komanduri, Ranga; Ettinger, Robert H.; Casey, Morton P., Jr.; and Reed, William R., Jr., 4,515,047, Cl. 82-1.00C.
Komanduri, Ranga; and Reed, William R., Jr., 4,552,492, Cl. 407-114.000.
Konrad, Charles E.; Gareis, Ronald E.; and Lodhia, Amratlal C., 4,500,818, Cl. 318-52.000.
Konrad, Charles E., 4,520,299, Cl. 318-587.000.
Kornrumpf, William P.; and Alley, Robert P., 4,541,288, Cl. 73-862.690.
Kornrumpf, William P.; and Laughton, William J., 4,561,261, Cl. 62-126.000.
Kosmatka, Walter J., 4,520,433, Cl. 362-296.000.
Kostelnik, Robert J.; and Wambach, Allen D., 4,559,164, Cl. 252-511.000.
Kresge, James S., 4,495,459, Cl. 324-72.000.
Kump, Howard H.; and Collins, William F., 4,528,685, Cl. 378-157.000.
Kuwata, Masayoshi, 4,515,205, Cl. 165-1.000.
Ladusaw, William T., 4,508,987, Cl. 310-68.00C.
Laghi, Aldo A., 4,545,952, Cl. 264-328.200.
Laghi, Aldo A., 4,550,006, Cl. 264-328.200.
Lahut, Joseph A.; and Popelish, John A., 4,496,962, Cl. 346-74.500.
Lane, Lawrence J., 4,535,377, Cl. 361-1.000.
Laskaris, Evangelos T., 4,492,090, Cl. 62-55.000.
Laskaris, Evangelos T., 4,516,404, Cl. 62-45.000.
Laskaris, Evangelos T., 4,516,405, Cl. 62-55.000.
Laskaris, Evangelos T., 4,522,034, Cl. 62-45.000.
Laskaris, Evangelos T., 4,526,015, Cl. 62-514.00R.
Laskaris, Evangelos T., 4,535,596, Cl. 62-45.000.
Lastrina, Frank A.; Pommer, Leslie M.; and Mayer, Jeffrey C., 4,527,387, Cl. 60-39.092.
Latter, Bruce B., 4,492,017, Cl. 29-434.000.
Lee, Ching-Pang, 4,514,144, Cl. 416-96.00R.
Lee, Chung J., 4,558,110, Cl. 528-26.000.
Lee, Gim F., Jr., 4,525,508, Cl. 524-140.000.
Lee, Gim F., Jr.; and Williams, Robert A., 4,532,281, Cl. 524-141.000.
Lee, Lester H.; Johnson, Kathryn M.; and Jones, Richard W., 4,509,238, Cl. 29-156.80R.
Lee, Minyoung; Reed, William R., Jr.; and Szala, Lawrence E., 4,539,875, Cl. 82-1.00C.
Leer, Stuart D., 4,543,584, Cl. 343-881.000.
Lemmers, Alfred E.; and Hammer, Edward E., 4,513,225, Cl. 315-189.000.
Lenz, Henry G., 4,499,660, Cl. 29-598.000.
Leon, Joseph A., Jr.; and Caprino, Joseph C., 4,514,466, Cl. 428-383.000.
Leppelmeier, Elton T.; and Ewing, Frank I., 4,499,403, Cl. 313-487.000.
Leskovec, Robert A.; Davenport, John M.; and von Herrmann, Pieter J., 4,555,647, Cl. 315-179.000.
Leslie, Samuel A., 4,495,652, Cl. 455-234.000.
Leslie, Samuel A., 4,513,446, Cl. 455-73.000.
Lewandowski, Robert S., 4,522,849, Cl. 427-237.000.
Liberti, Frank N.; and Macke, Gerald F., 4,556,681, Cl. 521-90.000.
Lindsay, Paul H., 4,535,870, Cl. 181-141.000.
Lippitt, David L.; and Walker, Loren H., 4,496,899, Cl. 323-207.000.
Liu, Ping Y., 4,504,626, Cl. 525-133.000.
Liu, Ping Y., 4,513,119, Cl. 525-92.000.
Liu, Ping Y., 4,520,164, Cl. 525-67.000.
Liu, Ping Y.; and Overton, David E., 4,532,282, Cl. 524-157.000.
Liu, Ping Y., 4,532,283, Cl. 524-166.000.
Liu, Ping Y., 4,536,538, Cl. 524-508.000.
Liu, Ping Y., 4,539,358, Cl. 524-285.000.
Liu, Ping Y.; and Belfoure, Edward L., 4,559,388, Cl. 525-146.000.
Liu, Ping Y., 4,562,222, Cl. 524-505.000.
Liu, Wan-Li, 4,529,629, Cl. 427-387.000.
Lockhart, Thomas P., 4,499,229, Cl. 524-450.000.
Lockhart, Thomas P., 4,499,230, Cl. 524-450.000.
Lockhart, Thomas P.; and Wengrovius, Jeffrey H., 4,517,337, Cl. 524-859.000.
Logan, James H., 4,556,857, Cl. 335-210.000.
Lohmeijer, Johannes H. G. M., 4,493,915, Cl. 524-87.000.
Lohmeijer, Johannes H. G. M., 4,529,761, Cl. 524-157.000.
Lohmeijer, Johannes H. G. M., 4,551,494, Cl. 524-89.000.
Lohrey, Edwin J.; and Cho, Timothy C., 4,556,822, Cl. 315-67.000.
Lorenzen, Steven C.; and Sterling, Vaughn C., 4,553,928, Cl. 431-359.000.
Love, Robert P., 4,516,143, Cl. 357-23.400.
Lucas, Gary M., 4,503,209, Cl. 528-18.000.
Lucas, Gary M.; and Dziark, John J., 4,528,353, Cl. 528-21.000.
Lucas, Gary M., 4,555,420, Cl. 427-387.000.
Luxon, Bruce A., 4,537,925, Cl. 524-151.000.
MacFall, James R.; and Wehrli, Felix W., 4,549,139, Cl. 324-309.000.
MacFall, James R., 4,549,140, Cl. 324-309.000.
Madden, James A.; and LeDuc, Kenneth C., 4,502,213, Cl. 29-730.000.
Magoon, Inder K., 4,523,507, Cl. 89-7.000.
Malinowski, Richard F., 4,509,107, Cl. 362-267.000.
Mannava, Seetha R.; and Erkes, Joseph W., 4,525,068, Cl. 356-35.500.
Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A., 4,551,017, Cl. 356-28.500.
Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A., 4,551,018, Cl. 356-28.500.
Mark, Victor, 4,501,875, Cl. 528-196.000.
Mark, Victor, 4,504,649, Cl. 528-176.000.
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Mark, Victor; and Hedges, Charles V., 4,520,187, Cl. 528-176.000.
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Mark, Victor; and Hedges, Charles V., 4,562,242, Cl. 528-193.000.
Martin, Robert J., III, 4,528,696, Cl. 455-73.000.
Masaitis, William; and Canada, Robert O., 4,499,595, Cl. 382-9.000.
Matzner, Bruce; Horn, Victor M.; Curulla, Michael V.; and Price, John F., 4,508,679, Cl. 376-438.000.
Mayer, Robert E.; Magoon, Inder K.; and West, Herbert J., 4,523,508, Cl. 89-7.000.
Mazin, Moshe; and Engeler, William E., 4,499,558, Cl. 365-182.000.
Mazin, Moshe; and Engeler, William E., 4,506,349, Cl. 365-189.000.
Mazin, Moshe; and Engeler, William E., 4,521,695, Cl. 307-279.000.
McCready, Russell J., 4,544,734, Cl. 528-288.000.
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McCready, Russell J.; and Tyrell, John A., 4,556,688, Cl. 525-33.000.
McCready, Russell J., 4,556,705, Cl. 528-289.000.
McLeod, Ramon M., 4,521,957, Cl. 29-609.000.
McLoughlin, Joseph R., 4,522,771, Cl. 264-61.000.
McLoughlin, Joseph R., 4,539,022, Cl. 55-114.000.
McMillan, John E., 4,500,811, Cl. 315-58.000.
McVey, Charles I., 4,559,473, Cl. 313-630.000.
Mears, David F., 4,525,865, Cl. 455-186.000.
Mears, David F.; and Patterson, Hubert A., 4,539,706, Cl. 455-11.000.
Medeiros, Charles W.; and Wagner, James B., 4,499,756, Cl. 73-118.000.
Mellinger, Gary A.; Giles, Harold F., Jr.; Holub, Fred; and Schlich, William R., 4,548,997, Cl. 525-433.000.
Mendiratta, Ashok K.; and Morgan, Wayne F., 4,492,806, Cl. 568-723.000.
Mendiratta, Ashok K.; and Morgan, Wayne F., 4,507,509, Cl. 568-724.000.
Mendiratta, Ashok K., 4,529,823, Cl. 568-724.000.
Mendiratta, Ashok K.; and Sikdar, Subhas K., 4,546,207, Cl. 568-723.000.
Mendiratta, Ashok K.; and Talley, John J., 4,547,596, Cl. 568-751.000.
Merrill, Duane F., 4,519,720, Cl. 400-241.000.
Merrill, Duane F., 4,521,471, Cl. 428-40.000.
Milkovic, Miran, 4,492,919, Cl. 324-127.000.
Milkovic, Miran, 4,495,463, Cl. 324-142.000.
Milkovic, Miran, 4,535,287, Cl. 324-142.000.
Milkovic, Miran; and Bogacki, Anthony P., 4,556,843, Cl. 324-107.000.
Miller, Edward B.; and Eichelberger, Charles W., 4,511,895, Cl. 340-825.500.
Miller, Edward B.; and Eichelberger, Charles W., 4,535,332, Cl. 340-825.060.
Miller, Gary; Jobes, Sam S.; and Benfey, David P., 4,551,657, Cl. 315-399.000.
Miller-Jones, Stockton M.; and Flax, Stephen W., 4,534,359, Cl. 128-660.000.
Miller, Kenneth F.; and Belfoure, Edward, 4,504,634, Cl. 525-439.000.
Miller, Kenneth F., and Belfoure, Edward L., 4,506,065, Cl. 528-194.000.
Miller, Kenneth F., 4,522,980, Cl. 525-67.000.
Miller, Kenneth F., 4,554,302, Cl. 524-233.000.
Miller, Matthew S., 4,510,362, Cl. 219-10.55E.
Miller, Timothy J. E., 4,500,824, Cl. 318-701.000.
Miller, Timothy J. E.; Jones, Donald W.; and Kalan, Gary L., 4,510,680, Cl. 29-598.000.
Miller, William H., 4,536,671, Cl. 310-258.000.
Modic, Frank J., 4,500,584, Cl. 428-145.000.
Modic, Frank J., 4,528,314, Cl. 524-407.000.
Molari, Richard E., Jr., 4,519,154, Cl. 40-615.000.
Molari, Richard E., Jr., 4,544,586, Cl. 428-29.000.
Moodie, Eldon E.; and Burns, Richard D., 4,533,587, Cl. 428-166.000.
Moore, James E., 4,552,936, Cl. 525-519.000.
Moore, James E., 4,557,975, Cl. 428-412.000.
Morong, William H., 4,547,730, Cl. 324-137.000.
Morris, Robert A.; Kiesel, George W.; Rajotte, Paul T.; and Richards, Anthony L., 4,507,709, Cl. 361-400.000.
Morris, Robert A.; Kiesel, George W.; and Rajotte, Paul T., 4,521,824, Cl. 361-45.000.
Morris, Robert A.; Kiesel, George W.; and Rajotte, Paul T., 4,549,241, Cl. 361-45.000.
M'Sadoques, Andre J.; and Sabatella, Robert J., 4,557,047, Cl. 29-854.000.
Napoli, Phillip D.; and Patterson, William R., 4,554,789, Cl. 60-751.000.
Near, Timothy P., 4,492,874, Cl. 290-40.00B.
Nester, William H., 4,500,887, Cl. 343-700.0MS.
Nicholas, John F.; and Salvagni, Edward A., 4,502,015, Cl. 329-166.000.
Nichols, Roy F., Jr., 4,518,646, Cl. 428-248.000.
Nied, Herman A., 4,514,612, Cl. 219-119.000.
Nutter, Norman E., 4,549,740, Cl. 277-189.000.
O'Donnell, Timothy W.; and Olson, Daniel R., 4,520,074, Cl. 428-412.000.
Ohno, John M., 4,497,639, Cl. 51-307.000.
Ohno, John M., 4,504,284, Cl. 51-309.000.
Ohno, John M., 4,544,517, Cl. 264-113.000.
Ohno, John M., 4,561,810, Cl. 407-118.000.
Oliver, James D., Jr., 4,507,157, Cl. 148-171.000.
Olson, Daniel R.; and Webb, Karen K., 4,491,508, Cl. 204-159.130.
Olson, Daniel R.; and O'Donnell, Timothy W., 4,513,349, Cl. 361-311.000.
Olson, Daniel R.; and O'Donnell, Timothy W., 4,515,931, Cl. 526-323.200.
Olson, Daniel R.; and O'Donnell, Timothy W., 4,533,595, Cl. 428-336.000.
Olson, Daniel R.; and O'Donnell, Timothy W., 4,533,710, Cl. 526-323.200.
Olson, Daniel R., 4,556,606, Cl. 428-412.000.
O'Malley, William J.; and Vaughn, Howard A., Jr., 4,539,351, Cl. 524-43.000.
Orser, David A.; and Bulow, Jeffrey A., 4,533,216, Cl. 350-361.000.
Otto, Charles W., 4,494,027, Cl. 310-89.000.
Otto, Lee W.; Ingold, John H.; and Bergman, Rolf S., 4,517,491, Cl. 313-579.000.
Owen, Daniel V., 4,527,098, Cl. 315-290.000.
Owen, Daniel V., 4,562,384, Cl. 315-276.000.
Owyang, King; and Stein, Leonard, deceased, 4,505,029, Cl. 29-589.000.
Pardini, Franco P.; and De Vizzi, Francesco, 4,492,836, Cl. 200-144.00R.
Pardini, Franco P., 4,507,527, Cl. 200-145.000.
Park, John N., 4,540,894, Cl. 307-254.000.
Park, John N.; and Steigerwald, Robert L., 4,541,041, Cl. 363-41.000.
Pasko, Walter J., Jr.; and Rathbun, William H., 4,520,556, Cl. 29-606.000.
Paul, Duane B., 4,493,608, Cl. 415-11.000.
Payne, Thomas R.; and Schneider, David A., 4,493,980, Cl. 219-450.000.
Payne, Thomas R., 4,493,981, Cl. 219-450.000.
Payne, Thomas R., 4,499,368, Cl. 219-452.000.
Payne, Thomas R., 4,551,618, Cl. 219-510.000.
Pedersen, James R., 4,525,083, Cl. 384-278.000.
Pedersen, James R., 4,533,262, Cl. 384-420.000.
Peil, William, 4,560,909, Cl. 315-291.000.
Pelc, Norbert J., 4,526,862, Cl. 430-496.000.
Peters, Edward N., 4,523,006, Cl. 528-172.000.
Peters, Edward N., 4,543,416, Cl. 549-241.000.
Peterson, Marvin A., 4,513,113, Cl. 524-602.000.
Pfeifer, George F., 4,538,078, Cl. 307-592.000.
Philipp, Herbert R., 4,495,482, Cl. 338-21.000.
Pine, R. Davis, 4,497,587, Cl. 384-117.000.
Pisano, Alan D., 4,532,763, Cl. 60-39.281.
Povlick, Thomas P.; and Lund, Richard M., 4,532,406, Cl. 219-124.340.
Pratt, Sandra L.; Lucas, Gary M.; and Zembayashi, Michio, 4,499,234, Cl. 524-783.000.
Premerlani, William J., 4,547,726, Cl. 324-78.00Z.
Premerlani, William J., 4,547,826, Cl. 361-25.000.
Pritzkow, Dennis H.; Loomis, Neil W.; Golner, Thomas M.; and Hoffman, David M., 4,491,732, Cl. 250-366.000.
Pritzkow, Dennis H.; and Vavrek, Robert M., 4,496,841, Cl. 250-374.000.
Pritzkow, Dennis H., 4,521,689, Cl. 250-385.000.
Puckette, Charles M., 4,535,297, Cl. 329-126.000.
Pustell, Robert A., 4,499,330, Cl. 136-230.000.
Pyles, Robert A., 4,535,104, Cl. 524-91.000.
Rabatin, Jacob G., 4,498,008, Cl. 250-486.100.
Rabatin, Jacob G., 4,532,070, Cl. 252-301.40H.
Rabatin, Jacob G., 4,540,599, Cl. 427-65.000.
Rademaker, Leo C.; Hopkinson, Philip J.; Bell, Gordon M.; and Hay, Noah D., 4,521,954, Cl. 29-605.000.
Rampel, Guy, 4,530,890, Cl. 429-217.000.
Ray, John M., III; and Martin, Robert J., 4,499,550, Cl. 364-606.000.
Rediger, Alvin L., 4,503,604, Cl. 29-596.000.
Redington, Rowland W., 4,516,582, Cl. 128-653.000.
Renlund, Gary M.; and Johnson, Curtis A., 4,530,808, Cl. 264-63.000.
Renlund, Gary M.; and Johnson, Curtis A., 4,551,496, Cl. 524-322.000.
Richards, William D. C.; and Straub, Harry, 4,518,175, Cl. 285-47.000.
Richardson, David L.; Patterson, Peter M.; Clark, Jack P.; Stanton, Scott R.; and Perry, Richard W., 4,548,785, Cl. 376-249.000.
Rickert, Milton E., Jr., 4,536,420, Cl. 427-257.000.
Rieck, Harold P.; and Kirkpatrick, Ralph A., 4,541,774, Cl. 415-115.000.
Riederer, Stephen J.; and Pelc, Norbert J., 4,504,908, Cl. 364-414.000.
Riederer, Stephen J., 4,542,459, Cl. 364-414.000.
Riederer, Stephen J.; and Keyes, Gary S., 4,551,800, Cl. 364-414.000.
Rieke, Richard J., 4,493,096, Cl. 378-99.000.
Robbins, Alexander G., 4,528,671, Cl. 372-68.000.

Roberts, Victor D., 4,536,680, Cl. 315-49.000.

Rocha, Henry A. F., 4,513,342, Cl. 361-94.000.

Rocha, Henry A. F., 4,528,502, Cl. 324-117.00R.

Rocha, Henry A. F.; and Harnden, John D., Jr., 4,546,658, Cl. 73-862.590.

Rogers, Terrence E., 4,498,191, Cl. 455-164.000.

Rose, Leonard, 4,534,226, Cl. 73-861.840.

Rosenquist, Niles R.; and Tyrell, John A., 4,496,693, Cl. 525-146.000.

Rosenquist, Niles R., 4,521,562, Cl. 524-490.000.

Rosenquist, Niles R., 4,533,690, Cl. 524-161.000.

Rosenquist, Niles R.; and Tyrell, John A., 4,535,108, Cl. 524-162.000.

Rosenquist, Niles R.; and Tyrell, John A., 4,552,924, Cl. 525-146.000.

Rosenquist, Niles R., 4,556,704, Cl. 528-196.000.

Roth, David A., 4,497,024, Cl. 364-414.000.

Rubinstein, Israel, 4,498,960, Cl. 204-1.00T.

Rufer, Rosalyn J.; and Filbert, Walter H., 4,536,553, Cl. 525-106.000.

Ryang, Hong-Son, 4,511,701, Cl. 525-533.000.

Ryang, Hong-Son, 4,517,342, Cl. 525-431.000.

Ryang, Hong-Son, 4,522,985, Cl. 525-431.000.

Ryang, Hong-Son, 4,533,737, Cl. 548-110.000.

Sadlo, James L.; and Musil, Gary D., 4,554,732, Cl. 29-620.000.

St. Pierre, Philippe D.; and Buckner, Michael T., 4,521,222, Cl. 51-295.000.

Sakash, George; Grier, Robert K., Jr.; Stern, Hansjoerg; Dada, Abdul G.; and McKeel, Daniel W., 4,534,301, Cl. 110-255.000.

Salmon, Stuart C.; and Zeltner, Larry D., 4,505,075, Cl. 51-165.750.

Sandrik, John M.; and Pelc, Norbert J., 4,513,078, Cl. 430-496.000.

Sands, Robert W.; Marella, Joseph P.; and Fink, Thomas F., Jr., 4,494,176, Cl. 362-297.000.

Sands, Robert W.; and Bloom, Daniel M., 4,536,834, Cl. 362-303.000.

Sargisson, Donald F.; and Toraason, Clifford M., Jr., 4,556,366, Cl. 416-155.000.

Sawyer, Quentan T., 4,494,439, Cl. 89-12.000.

Scheibengraber, Karl J., 4,538,289, Cl. 378-20.000.

Schmidt, George S., 4,526,345, Cl. 254-93.00R.

Schmidt, Lawrence R.; and Lovgren, Eric M., 4,511,535, Cl. 422-137.000.

Schoenig, Frederick C., Jr.; Grossman, Leonard N.; Lai, Ching C.; Masaitis, William; and Canada, Robert O., 4,496,056, Cl. 209-539.000.

Schoenig, Frederick C., Jr.; and Landry, James D., 4,515,749, Cl. 376-254.000.

Schoenig, Frederick C., Jr.; Landry, J. David; Walker, Edward S.; and Lai, Ching C., 4,549,662, Cl. 209-539.000.

Sexton, Daniel W., 4,542,353, Cl. 331-143.000.

Seymour, Raymond K.; Palmieri, Joseph M.; Ashline, William J.; and Doughty, Dennis J., 4,513,268, Cl. 335-35.000.

Shah, Kirti C., 4,541,732, Cl. 374-117.000.

Shanks, Bruce E., 4,544,998, Cl. 362-267.000.

Shu, Peter H., 4,555,538, Cl. 524-102.000.

Siemers, Paul A.; Kopp, Robert W.; and Jackson, Melvin R., 4,537,742, Cl. 419-8.000.

Sikdar, Subhas K.; and Yeboah, Yaw D., 4,515,936, Cl. 528-200.000.

Sikdar, Subhas K., 4,558,118, Cl. 528-196.000.

Sippel, David F.; and Kearns, Robert L., 4,530,861, Cl. 427-444.000.

Sippel, David F., 4,532,738, Cl. 51-319.000.

Smearing, Robert W.; and Floryan, Daniel E., 4,543,368, Cl. 521-90.000.

Smith, Gary F., 4,562,232, Cl. 525-444.500.

Smith, Peter H., 4,495,485, Cl. 340-365.00C.

Smith, Peter H., 4,496,817, Cl. 219-10.55M.

Smith, Peter H.; and Holub, Fred F., 4,507,529, Cl. 219-10.55A.

Smith, Peter H., 4,507,530, Cl. 219-10.55B.

Smith, Peter H., 4,547,642, Cl. 219-10.55B.

Smith, William E.; and Battista, Richard A., 4,528,407, Cl. 568-804.000.

Soules, Thomas F.; and Vukcevich, Milan R., 4,503,488, Cl. 362-80.000.

Spiro, Clifford L.; and Lamby, Edward J., 4,499,311, Cl. 568-660.000.

Spiro, Clifford L., 4,546,925, Cl. 241-1.000.

Spooner, Jerrold C., 4,513,380, Cl. 364-474.000.

Staats, James E., 4,523,069, Cl. 219-10.55D.

Stackhouse, Bill L., 4,525,793, Cl. 364-513.500.

Stackhouse, Kenneth B.; and Hill, William D., 4,519,090, Cl. 377-29.000.

Stahl, Charles R.; and Perugi, Archie H., 4,492,085, Cl. 60-649.000.

Stahl, Charles R., 4,528,811, Cl. 60-39.070.

Stahl, Gunther R., 4,499,800, Cl. 82-36.00R.

Steigerwald, Robert L., 4,504,895, Cl. 363-17.000.

Steinert, Leopold A.; and Perry, Richard W., 4,507,840, Cl. 29-401.100.

Stocking, George E.; and Pohl, Walter J., 4,534,179, Cl. 62-128.000.

Stokes, Vijay K., 4,533,166, Cl. 293-120.000.

Stokes, Vijay K., 4,559,464, Cl. 310-233.000.

Stoll, Robert W.; MacLaury, Michael R.; and Wilson, Ronald H., 4,552,783, Cl. 427-91.000.

Stoll, Robert W.; and MacLaury, Michael R., 4,554,147, Cl. 423-335.000.

Sugalski, Raymond K., 4,529,675, Cl. 429-94.000.

Sugalski, Raymond K., 4,539,746, Cl. 29-730.000.

Sugalski, Raymond K.; and Strickland, John J., 4,559,700, Cl. 29-623.100.

Surprenant, Richard P., 4,525,400, Cl. 428-54.000.

Suster, Mary E., 4,493,639, Cl. 431-359.000.

Sutherland, George H., 4,498,890, Cl. 474-140.000.

Swank, Harry R.; Doggett, Fred F.; Huyler, Lee E.; and Sofia, Santo J., 4,544,955, Cl. 358-246.000.

Swetnam, Norman T., 4,541,538, Cl. 220-3.800.

Swiger, Roger T.; and Hallgren, John E., 4,523,001, Cl. 528-18.000.

Syed, Asif A., 4,537,630, Cl. 73-589.000.

Talley, John J., 4,503,270, Cl. 568-783.000.

Talley, John J., 4,533,767, Cl. 568-805.000.

Talley, John J., 4,533,768, Cl. 568-805.000.

Talley, John J., 4,533,769, Cl. 568-806.000.

Talley, John J., 4,551,563, Cl. 568-804.000.

Talley, John J.; Evans, Irene A.; and Lewis, Michael D., 4,560,810, Cl. 568-805.000.

Tam, Kwok C., 4,506,327, Cl. 364-414.000.

Tarnay, Denes, 4,499,526, Cl. 362-263.000.

Taub, Alan I., 4,512,824, Cl. 148-121.000.

Taub, Alan I.; Frischmann, Peter G.; and Cline, Harvey E., 4,562,333, Cl. 219-121.0LJ.

Taylor, Benson T., Jr.; and Hawkins, Ralph G., 4,504,719, Cl. 219-10.55C.

Taylor, Dale F.; and Sammler, Louis S., 4,500,413, Cl. 204-435.000.

Terhune, James H., 4,495,821, Cl. 73-753.000.

Terhune, James H., 4,520,654, Cl. 73-24.000.

Terhune, James H.; and Neissel, John P., 4,521,373, Cl. 376-258.000.

Tessarzik, Juergen M.; Myers, Albert; and Yuille, James D., 4,495,810, Cl. 73-432.00R.

Thibault, William C.; and Pate, Paul E., 4,523,376, Cl. 29-623.200.

Thibault, William C.; and Fowler, Robert C., 4,556,612, Cl. 429-54.000.

Thompson, Craig R.; Carnes, Ronald C.; and Naumann, Ted F., Jr., 4,517,840, Cl. 73-644.000.

Thompson, Craig R.; and Naumann, Ted F., Jr., 4,548,374, Cl. 248-123.100.

Tiemann, Jerome J.; and Engeler, William E., 4,533,936, Cl. 358-12.000.

Tiemann, Jerome J.; Cutler, Scott E.; and Welles, Kenneth B., II, 4,533,960, Cl. 358-310.000.

Timoshenko, John A.; and Bergh, Daniel D., 4,495,381, Cl. 174-178.000.

Tolentino, Luisito A., 4,558,111, Cl. 528-26.000.

Tomich, Michael J., 4,534,698, Cl. 415-9.000.

Traver, Frank J., 4,518,727, Cl. 524-35.000.

Traver, Frank J., 4,525,502, Cl. 524-96.000.

Traver, Frank J., 4,529,758, Cl. 524-43.000.

True, Thomas T.; and Good, William E., 4,496,969, Cl. 358-62.000.

True, Thomas T.; Good, William E.; and Bates, William C., 4,498,101, Cl. 358-62.000.

Tschetter, Charles D.; and Bergman, Rolf S., 4,535,269, Cl. 313-579.000.

Turney, Stephen D., 4,495,445, Cl. 315-169.100.

Tyrell, John A., 4,560,722, Cl. 524-405.000.

Ulug, Mehmet E., 4,510,599, Cl. 370-85.000.

Ulug, Mehmet E., 4,517,670, Cl. 370-85.000.

Ulug, Mehmet E., 4,534,061, Cl. 455-17.000.

Umble, Don G.; Choong, Tsi-Pin; Izzo, Kenneth R.; Burdg, Charles E.; Hankin, Gary H.; and Dalke, Charles A., 4,512,179, Cl. 73-4.00R.

Vandegraaf, Johannes J., 4,498,194, Cl. 455-166.000.

Vandegraaf, Johannes J., 4,511,863, Cl. 332-18.000.

Varshneya, Arun K., 4,539,509, Cl. 313-623.000.

Verbicky, John W., Jr.; and O'Neil, Elbridge A., Jr., 4,554,357, Cl. 548-461.000.

Vermilyea, Mark E., 4,500,860, Cl. 335-216.000.

Vermilyea, Mark E., 4,506,247, Cl. 335-216.000.

Vermilyea, Mark E., 4,509,030, Cl. 335-216.000.

Vogt, George H.; and Derderian, Scott K., 4,560,896, Cl. 310-215.000.

Vogt, Robert L., 4,498,288, Cl. 60-39.060.

Wakeman, Thomas G.; and Maclin, Harvey M., 4,555,901, Cl. 60-39.320.

Walker, Loren H., 4,545,002, Cl. 363-37.000.

Walsh, LaVerne E., 4,499,404, Cl. 313-579.000.

Ward, William J., III; Ritzer, Alan; Carroll, Kenneth M.; and Flock, John W., 4,500,724, Cl. 556-472.000.

Ward, William J., III; Ritzer, Alan; and Lapidot, Heine, 4,554,370, Cl. 556-472.000.

Watson, Bruce R., 4,549,679, Cl. 225-2.000.

Wehrli, Felix W., 4,532,473, Cl. 324-306.000.

Wei, Chung H., 4,525,545, Cl. 526-65.000.

Weischedel, Richard C., deceased, 4,558,264, Cl. 318-254.000.

Welles, Kenneth B., II; and Noujaim, Sharbel E., 4,560,941, Cl. 329-50.000.

Wengrovius, Jeffrey H., 4,533,503, Cl. 556-173.000.

Wengrovius, Jeffrey H.; and Niedrach, Leonard W., 4,554,310, Cl. 524-715.000.

Wengrovius, Jeffrey H., 4,554,338, Cl. 528-18.000.

West, Paul R.; and Griffing, Bruce F., 4,535,053, Cl. 430-312.000.

White, Dwain M., 4,495,333, Cl. 525-150.000.

White, Dwain M.; and Nye, Susan A., 4,503,214, Cl. 528-212.000.

White, Dwain M., 4,517,341, Cl. 525-152.000.

- White, Mary A.; Beers, Melvin D.; Lucas, Gary M.; Smith, Robert A.; and Swiger, Roger T., 4,517,352, Cl. 528-18.000.
- White, Robert W., 4,549,346, Cl. 29-736.000.
- White, Robert W.; and Kuzan, Frank R., 4,557,041, Cl. 29-732.000.
- Wildi, Eric J.; and Adler, Michael S., 4,494,134, Cl. 357-43.000.
- Williams, Arlene G., 4,528,038, Cl. 106-287.130.
- Williams, Arlene G., 4,554,186, Cl. 427-387.000.
- Williams, Robert E., Jr.; and Campbell, John R., 4,493,926, Cl. 525-474.000.
- Williams, Robert E., Jr., 4,503,160, Cl. 502-158.000.
- Williams, Robert E., Jr., 4,533,744, Cl. 556-479.000.
- Willyoung, David M.; and Anand, Ashok K., 4,503,681, Cl. 60-655.000.
- Wilson, Arthur C., 4,493,976, Cl. 219-398.000.
- Wilson, Arthur C., 4,558,503, Cl. 29-446.000.
- Wilson, William P.; Hewlett, Catherine M.; and Rieben, Werner P., 4,513,379, Cl. 364-474.000.
- Woods, Lee O.; and Haag, Donald L., 4,493,144, Cl. 29-622.000.
- Woods, Lee O., 4,532,389, Cl. 200-83.00P.
- Woodward, Stewart A.; Hilty, Ronald L.; and Stoll, Donald H., 4,512,199, Cl. 73-725.000.
- Wynn, Stephen R., 4,496,912, Cl. 331-1.00A.
- Yeboah, Yaw D.; and Venditti, Michael P., 4,497,942, Cl. 528-12.000.
- Yerman, Alexander J., 4,500,029, Cl. 228-123.000.
- Yerman, Alexander J., 4,538,170, Cl. 357-80.000.
- Yohe, Warren C., 4,548,786, Cl. 419-29.000.
- Young, James R., 4,515,528, Cl. 417-51.000.
- Zarchy, Andrew S., 4,528,100, Cl. 210-634.000.
- Zarchy, Andrew S., 4,547,292, Cl. 210-634.000.
- Ziemba, Richard T., 4,494,459, Cl. 102-235.000.

General Electric Company, p.l.c., The: *See—*

- Breeze, Gerald D.; and Elliott, Donald C., 4,519,013, Cl. 361-384.000.
- Dixon, Angus B., 4,550,269, Cl. 313-331.000.
- Hilsum, Cyril, 4,551,653, Cl. 315-10.000.
- Homer, Joseph A., 4,560,842, Cl. 179-81.00R.
- Ko, Yu M.; and Cornick, Keith, 4,500,834, Cl. 324-52.000.
- Rigden, Sydney A. R.; and Sweet, Ian J. H., 4,506,194, Cl. 315-200.00R.
- Roberts, Derek H.; and Pepper, Michael, 4,559,549, Cl. 357-24.000.
- Todd, Anthony G.; and Wickenden, Dennis K., 4,546,373, Cl. 357-67.000.
- Wright, Arthur; and Christopoulos, Christos, 4,499,417, Cl. 324-52.000.

General Electric Environmental Services, Inc.: *See—*

- Kim, Bang M.; and Weininger, Joseph L., 4,556,469, Cl. 204-263.000.
- Miller, Richard L.; and Estela, Carlos, 4,523,931, Cl. 55-80.000.
- Roth, Alfred H., 4,507,130, Cl. 55-96.000.
- Shilling, Norman Z., 4,521,231, Cl. 55-302.000.

General Electrodynamics Corp.: *See—*

- Menon, Narendranath, 4,498,550, Cl. 177-209.000.

General Energy Systems, Inc.: *See—*

- Glass, James W., 4,515,135, Cl. 123-557.000.

General Foods Corporation: *See—*

- Altares, Romulo A.; Gibson, David S.; Goyda, Michael A.; Hegadorn, Joseph L.; and Kapoor, Virendra N., 4,548,045, Cl. 62-63.000.
- Altomare, Robert E.; Beale, Robert J.; Glicksman, Martin; Hegedus, Elizabeth; Schulman, Marvin; and Silverman, Jerry E., 4,526,794, Cl. 426-258.000.
- Anderson, Noel E.; Fletcher, Donald E.; Smagula, Michael S.; and Parker, Darrell S., 4,554,169, Cl. 426-576.000.
- Bannon, Glen M.; Hardie-Muncy, Darlene A.; and Wauters, Ronald P., 4,530,848, Cl. 426-293.000.
- Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.
- Barnett, Ronald E., 4,544,565, Cl. 426-538.000.
- Barnett, Ronald E.; Riemer, Jed A.; and Zanno, Paul R., 4,544,566, Cl. 426-548.000.
- Brander, Rita W.; and Raap, Teresa A., 4,495,205, Cl. 426-104.000.
- Brander, Rita W.; Hammond, John E.; and Pasch, John H., 4,536,406, Cl. 426-104.000.
- Brander, Rita W.; Raap, Teresa A.; and Gessler, Joseph F., 4,556,569, Cl. 426-104.000.
- Brander, Rita W.; Raap, Teresa A.; and Rankowitz, Marshall M., 4,556,570, Cl. 426-104.000.
- Coad, Edward F.; and Laird, Carol G., 4,541,227, Cl. 53-500.000.
- Dar, Jamshed B.; Bruckmann, Robert H.; and Kelly, Elisabeth, 4,540,591, Cl. 426-388.000.
- Davidescu, Reghina; de Ceglie, Gaetano J.; Jacquett, Harold W.; and Paluzzi, Joseph A., 4,551,345, Cl. 426-594.000.
- Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, 4,505,943, Cl. 426-565.000.
- El-Hag, Nabil A.; Cochran, Stuart A.; Schwabe, Kenneth R.; Carricato, Louis; and Shanbhag, Sudhakar P., 4,551,340, Cl. 426-437.000.
- Fogel, Harvey P., 4,517,210, Cl. 426-392.000.
- Friedman, Herman H.; and Popp, Walter R., 4,495,208, Cl. 426-335.000.
- Fulger, Charles V.; and Bradbury, Allan G., 4,500,558, Cl. 426-622.000.
- Fulger, Charles V.; Stahl, Howard D.; Turek, Evan J.; and Bayha, Renee, 4,508,745, Cl. 426-594.000.
- Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,503,083, Cl. 426-553.000.
- Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,526,799, Cl. 426-553.000.
- Gottesman, Martin, 4,544,567, Cl. 426-594.000.
- Gottesman, Martin, 4,562,083, Cl. 426-424.000.
- Jasovsky, George A.; Jacquett, Harold W.; and de Ceglie, Gaetano J., 4,551,344, Cl. 426-594.000.
- Jonas, Rodger H.; Beel, Joseph W.; and Lynch, William R., 4,532,147, Cl. 426-655.000.
- Jones, Gary V.; Meinhold, James F.; and Musto, Joseph A., 4,505,940, Cl. 426-424.000.
- Katz, Saul N.; and Proscia, George E., 4,513,136, Cl. 544-275.000.
- Katz, Saul N.; and Skiff, Ronald H., 4,545,998, Cl. 426-424.000.
- Katz, Saul N.; Proscia, George E.; and Clisura, George L., 4,548,827, Cl. 426-427.000.
- Katz, Saul N.; and Kearney, Donald T., 4,556,575, Cl. 426-594.000.
- Kramer, Franklin; Bruins, Henderikus B.; Giacone, Joseph; and Carbillet, Luc L., 4,555,407, Cl. 426-5.000.
- Langston, Metty S. K., 4,500,556, Cl. 426-540.000.
- Leshik, Richard R.; Swallow, Nancy A.; Leusner, Steven J.; and DiGiovacchino, David J., 4,546,002, Cl. 426-576.000.
- Liggett, Louis G.; Lang, Kevin W.; Wyss, Clement R.; and Williams, Richard A., 4,500,553, Cl. 426-101.000.
- Lou, Wen C.; and Fulger, Charles V., 4,521,436, Cl. 426-104.000.
- Mahlmann, James P.; Schecter, Steven M.; and Scher, Lawrence, 4,501,761, Cl. 426-467.000.
- McSweeney, Daniel R., 4,508,740, Cl. 426-250.000.
- Mezzino, Joseph F.; and Chuang, Locus Y., 4,529,613, Cl. 426-590.000.
- Morimoto, Keisuke, 4,548,823, Cl. 426-104.000.
- Morimoto, Keisuke, 4,554,166, Cl. 426-276.000.
- Morimoto, Keisuke, 4,562,082, Cl. 426-104.000.
- Parliment, Thomas H., 4,496,600, Cl. 426-535.000.
- Riemer, Jed A.; Zanno, Paul R.; and Barnett, Ronald E., 4,545,999, Cl. 426-548.000.
- Riemer, Jed A.; Zanno, Paul R.; and Barnett, Ronald E., 4,547,584, Cl. 560-71.000.
- Rispoli, Joseph M.; Rogers, Morris A.; Sergenian, Haig H.; Swartley, John S.; and Topalian, Harry, 4,496,601, Cl. 426-554.000.
- Saleeb, Fouad Z.; and Pickup, John G., 4,532,145, Cl. 426-650.000.
- Saleeb, Fouad Z.; and Zeller, Bary L., 4,547,378, Cl. 426-271.000.
- Saleeb, Fouad Z.; and Zeller, Bary L., 4,552,767, Cl. 426-395.000.
- Schenz, Timothy W.; Eisenhardt, William A., Jr.; and Saleeb, Fouad Z., 4,541,873, Cl. 127-46.100.
- Schweid, Jeffrey M.; Cohee, Arthur H.; and Dec, Anthony F., 4,539,215, Cl. 426-589.000.
- Shoaf, Myron D.; and Pischke, La Monte D., 4,517,214, Cl. 426-548.000.
- Sorge, Richard M.; Ponzoni, Ronald W.; and Shoaf, Myron D., 4,554,167, Cl. 426-285.000.
- Stoeckli, Oscar W.; and Berry, David J., 4,496,596, Cl. 426-388.000.
- Vaccaro, Nancy J.; Frost, John R.; Glatz, Alfred C.; and Schenz, Timothy W., 4,536,410, Cl. 426-548.000.
- Zanno, Paul R.; Parliment, Thomas H.; Soukup, Robert J.; and McNaught, Richard P., 4,493,852, Cl. 426-535.000.
- Zanno, Paul R.; and Parliment, Thomas H., 4,534,988, Cl. 426-535.000.
- Zanno, Paul R.; Barnett, Ronald E.; and Riemer, Jed A., 4,546,000, Cl. 426-548.000.
- Zeller, Bary L.; Kaleda, William W.; and Saleeb, Fouad Z., 4,521,438, Cl. 426-271.000.

General Foods Inc.: *See—*

- Fustier, Patrick; and Dale, Ronald R., 4,529,606, Cl. 426-330.300.
- Hewson, Gordon, 4,492,069, Cl. 53-436.000.
- Maurice, Terrence J.; and Grealy, Jennifer M., 4,501,760, Cl. 426-250.000.
- Tapscott, Donald A., 4,517,827, Cl. 73-45.400.

General Foundry Products Corporation: *See—*

- Reiland, Dennis J., 4,526,338, Cl. 249-197.000.

General Hospital Corporation, The: *See—*

- Donahoe, Patricia K.; Budzik, Gerald P.; and Swann, David A., 4,510,131, Cl. 424-105.000.
- Elmaleh, David R.; and Livni, Eli, 4,524,059, Cl. 424-1.100.
- Holick, Michael F.; and Holick, Sally A., 4,521,410, Cl. 514-26.000.

General Indicator Corporation: *See—*

- Murray, Ledell L., 4,521,984, Cl. 40-576.000.

General Instrument Corporation: *See—*

- Clemens, Thomas G., 4,520,326, Cl. 331-116.00R.
- Garbis, Dennis; Chan, Joseph Y.; Granata, Amedeo J.; and Heller, Robert C., 4,522,149, Cl. 118-725.000.
- Glaab, Joseph B., 4,546,387, Cl. 358-186.000.
- Glaab, Joseph B., 4,562,465, Cl. 358-120.000.
- Grossar, Francis, 4,518,835, Cl. 200-61.45M.
- Hill, Lawrence B.; Garbis, Dennis; Heller, Robert C.; and Granata, Amedeo J., 4,499,354, Cl. 219-10.49R.
- McNamara, Robert P.; Ennis, Gregory B.; Feiertag, Richard J.; and Bauer, Robert K., 4,533,948, Cl. 358-122.000.
- Meloni, Robert A., 4,534,287, Cl. 101-93.050.
- Naiff, Kenneth L., 4,494,218, Cl. 365-104.000.
- Naiff, Kenneth L., 4,545,033, Cl. 365-51.000.
- Nickels, Richard C., Jr.; and Stevens, Gerald S., Jr., 4,552,352, Cl. 271-10.000.
- O'Brien, Thomas E., Jr., 4,558,464, Cl. 455-4.000.

  - Rajkanan, Kamal; and Multani, Jagir S., 4.521,796, Cl. 357-23.500.
  - Reichert, Harry J., Jr., 4,520,508, Cl. 455-4.000.
  - Rifkin, Gary L.; Lawrence, Charles C.; Zilber, Sam; and Hamby, Michael, 4,555,749, Cl. 362-249.000.
  - Rocci, Joseph D.; Crook, Stephen E.; Kauffman, Marc; and Groff, Donald E., 4,494,111, Cl. 340-533.000.
  - Rozario, Novellone; and Silverman, Lawrence H., 4,550,265, Cl. 307-494.000.
  - Streiber, Ronald W., 4,496,853, Cl. 307-270.000.
  - Wachspress, Melvin H.; and Abramowitz, Walter, 4,520,363, Cl. 343-828.000.
- General Ionex Corporation: *See—*
  - Purser, Kenneth H., 4,553,069, Cl. 315-111.810.
- General Kinematics Corporation: *See—*
  - Kraus, Richard B., 4,534,730, Cl. 432-3.000.
  - Musschoot, Albert, 4,495,826, Cl. 74-87.000.
  - Musschoot, Albert, 4,503,783, Cl. 110-165.00R.
  - Musschoot, Albert; and Kraus, Richard B., 4,545,509, Cl. 222-198.000.
  - Musschoot, Albert, 4,546,872, Cl. 198-525.000.
  - Musschoot, Albert, 4,561,598, Cl. 241-19.000.
- General Kinetics, Inc.: *See—*
  - Hill, James D., 4,539,619, Cl. 361-151.000.
- General Loose Leaf Bindery Co., Inc.: *See—*
  - Nickow, Hy; Nickow, Martin A.; and Rowlett, Harold G., 4,552,479, Cl. 402-74.000.
- General Machine Products Company, Inc.: *See—*
  - Pfundt, William N., 4,557,034, Cl. 29-566.400.
- General Mills, Inc.: *See—*
  - Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., 4,515,824, Cl. 426-554.000.
  - Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., 4,529,610, Cl. 426-554.000.
  - Gajewski, Robert J., 4,501,759, Cl. 426-96.000.
  - Gajewski, Robert J., 4,540,587, Cl. 426-96.000.
  - Kraig, Leon; and Langenfeld, Mathew, 4,515,822, Cl. 426-445.000.
  - Olson, Sharon; and Zoss, Robert, 4,511,583, Cl. 426-89.000.
  - Schmidt, Paul R.; and Beall, Nelson J., 4,491,252, Cl. 222-531.000.
- General Mills Products Corp.: *See—*
  - Quarrell, Richard; and Ranson, Paul A., 4,552,264, Cl. 206-45.140.
- General Motors Corporation: *See—*
  - Abu-Isa, Ismat A., 4,541,735, Cl. 374-188.000.
  - Abu-Isa, Ismat A.; and McIntyre, Dorthie J., 4,545,614, Cl. 297-284.000.
  - Abu-Isa, Ismat A.; Wang, Chen-Shih; McCarthy, Daniel P.; and Patterson, David W., 4,559,688, Cl. 29-157.30R.
  - Agarwal, Paul D.; Fruechte, Roger D.; Kade, Alexander; and Radomski, Thomas A., 4,527,653, Cl. 180-79.100.
  - Allen, Karl D.; and Brace, Alan L., 4,497,494, Cl. 277-27.000.
  - Ament, Frank, 4,497,298, Cl. 123-450.000.
  - Ament, Frank; Peden, Richard A.; and Ausen, John E., 4,509,478, Cl. 123-339.000.
  - Anderson, Stanley E.; and Hegler, Gary G., 4,497,618, Cl. 418-212.000.
  - Angle, Christopher P.; and Parker, Barry R., 4,544,192, Cl. 292-341.180.
  - Arndt, Frederick P., 4,509,775, Cl. 280-779.000.
  - Arnheim, Hans-Rudolf; and Warner, Hermann, 4,490,942, Cl. 49-374.000.
  - Atkins, Terrance J.; Field, Martin J.; and Lamirande, Donald J., 4,539,961, Cl. 123-468.000.
  - Bafunno, Daniel V.; Detter, Gary C.; Ehrhardt, James D.; Gaughan, Patrick J.; Johnson, Dale C.; and Rowlands, Richard C., 4,554,618, Cl. 362-155.000.
  - Baker, Peter J., 4,555,002, Cl. 192-45.000.
  - Baker, Steven F., 4,527,406, Cl. 70-165.000.
  - Barnett, Ronald R., 4,527,835, Cl. 297-482.000.
  - Baynes, Gene P.; and Melinat, Wolfgang, 4,509,619, Cl. 188-73.390.
  - Beauch, Howard D., 4,543,848, Cl. 74-493.000.
  - Bennett, Jack L.; Wardynski, Wayne E.; and Seyuin, Kenneth J., 4,540,384, Cl. 464-111.000.
  - Bezusko, Michael J.; Liska, Daniel P.; and McGee, Joseph A., 4,497,532, Cl. 339-112.00R.
  - Bhagat, Jayant K., 4,528,211, Cl. 427-88.000.
  - Bierlein, John C.; and DeHart, Arnold O., 4,553,856, Cl. 384-276.000.
  - Bogosoff, John P., 4,509,789, Cl. 296-37.200.
  - Bonvallet, Duane J., 4,491,099, Cl. 123-90.440.
  - Bonvallet, Duane J., 4,543,920, Cl. 123-90.430.
  - Borman, August H.; and Koivunen, Erkki A., 4,514,147, Cl. 417-288.000.
  - Borman, August H., 4,527,958, Cl. 417-213.000.
  - Brademeyer, David L., 4,498,299, Cl. 60-562.000.
  - Brademeyer, David L., 4,553,471, Cl. 91-173.000.
  - Bradley, John R.; Burkstrand, James M.; and Tibbetts, Gary G., 4,497,788, Cl. 423-447.300.
  - Brandt, Herman F.; and Gibson, Franklin R., 4,491,010, Cl. 73-35.000.
  - Brann, David E., 4,502,422, Cl. 123-41.350.
  - Bridgewater, Bobbie D.; and Young, Robert E., 4,527,986, Cl. 464-73.000.
  - Brisbane, Roger M.; and Peffley, Thomas R., 4,539,963, Cl. 123-494.000.
  - Browne, Alan L., 4,531,607, Cl. 180-282.000.
  - Brunell, Jack W.; and Stein, Robert W., 4,546,750, Cl. 123-514.000.
  - Bryson, Bruce A.; and Buschur, Jeffrey J., 4,509,878, Cl. 403-71.000.
  - Buchanan, Harry C., Jr.; Mack, William R.; and Malhotra, Jagmohan K., 4,543,839, Cl. 74-98.000.
  - Buetemeister, Earl H.; and Colville, Larry L., 4,549,089, Cl. 290-38.00R.
  - Bullock, Benton L., 4,491,037, Cl. 74-785.000.
  - Buttry, Robert C.; and Boyer, James A., 4,544,812, Cl. 200-19.0DC.
  - Calderoni, Sergio L., 4,521,005, Cl. 267-179.000.
  - Campbell, Robert W.; and Ruff, Donald O., 4,491,779, Cl. 320-6.000.
  - Carpenter, Keith H., 4,520,908, Cl. 188-319.000.
  - Cataldo, Roy S.; and Hall, Arlis, 4,540,388, Cl. 474-242.000.
  - Caudill, Charles, Jr., 4,541,885, Cl. 156-220.000.
  - Chana, Howard E., 4,502,845, Cl. 417-288.000.
  - Chana, Howard E.; and Stordahl, Calmer M., 4,504,247, Cl. 474-17.000.
  - Chang, Shih-Chia, 4,544,444, Cl. 156-643.000.
  - Cho, Byong K., 4,521,532, Cl. 502-439.000.
  - Christiansen, Paul J., 4,497,495, Cl. 277-50.000.
  - Chyz, George W.; and McGregor, David J., 4,516,957, Cl. 464-111.000.
  - Clouse, Clarence, 4,527,825, Cl. 296-1.00C.
  - Colautti, Albert J.; and Borlinghaus, Hans J., 4,509,382, Cl. 74-424.80R.
  - Craig, Gale M., 4,558,259, Cl. 315-82.000.
  - Croat, John J., 4,496,395, Cl. 75-123.00E.
  - D'Aniello, Michael J., Jr.; Monroe, David R.; and Krueger, Martin H., 4,548,911, Cl. 502-28.000.
  - Deckard, John I., 4,527,737, Cl. 239-89.000.
  - Delpercio, Mariano; and Molloy, Edward W., 4,540,075, Cl. 192-58.00R.
  - Dick, Melvin E.; and Peterson, Linn A., 4,509,781, Cl. 293-104.000.
  - Dimick, David L.; Bly, Kenneth B.; and Ludecke, Otto A., 4,509,966, Cl. 55-502.000.
  - Drouillard, James R., 4,550,529, Cl. 49-348.000.
  - Duffield, Thomas P.; and Winnale, James A., 4,498,689, Cl. 280-803.000.
  - Dusman, Richard J.; and Nine, Harmon D., 4,531,395, Cl. 72-350.000.
  - Edwards, Ralph W., 4,527,168, Cl. 343-901.000.
  - Elphick, Thomas G.; Eshleman, Edgar S.; and Field, Martin J., 4,510,909, Cl. 123-470.000.
  - Emmett, David P.; Muelling, Duane D.; and Willett, Ronald J., 4,552,015, Cl. 73-113.000.
  - Evans, David G., 4,513,780, Cl. 137-625.650.
  - Evans, Keith M., 4,548,425, Cl. 280-808.000.
  - Eytcheson, Charles T.; Lutz, Phillip A.; and Fields, Harold L., 4,490,902, Cl. 29-588.000.
  - Fannin, Wayne V.; and Pees, James M., 4,534,545, Cl. 267-64.240.
  - Farrand, Robert M.; and Puzio, Daniel, 4,513,784, Cl. 137-854.000.
  - Fattic, Gerald T.; and Vukovich, William J., 4,509,125, Cl. 364-424.100.
  - Field, Martin J.; Makusij, Andrew J.; and Rosin, Donald A., 4,505,296, Cl. 137-510.000.
  - Finn, Bernard J.; and Yew, Ming-Chih, 4,540,197, Cl. 280-697.000.
  - Finn, Charles E.; Ruckey, Allan M.; and Shuler, David C., 4,527,528, Cl. 123-447.000.
  - Fiordellisi, Stephen J.; Gergoe, Bela; and Hamilton, John W., 4,544,189, Cl. 292-50.000.
  - Foister, Robert T.; and Gray, Richard K., 4,544,432, Cl. 156-307.300.
  - Forsterling, Robert B., 4,532,887, Cl. 118-429.000.
  - Fronk, Matthew H., 4,502,440, Cl. 123-367.000.
  - Fuehrer, Reece R., 4,502,279, Cl. 60-330.000.
  - Gaden, David W.; and Habas, Ted C., 4,532,578, Cl. 362-83.000.
  - Gardner, Robert F.; and Rohn, Bruce D., 4,543,936, Cl. 123-475.000.
  - Gertiser, Kevin M., 4,509,484, Cl. 123-436.000.
  - Gest, William E., 4,548,166, Cl. 123-52.00M.
  - Gladd, Joseph H.; Plyler, Robert G.; and Suverison, Lyle B., 4,491,376, Cl. 339-9.00E.
  - Gloomis, Lawrence A., 4,518,130, Cl. 242-107.000.
  - Graham, Donald E., 4,492,904, Cl. 318-444.000.
  - Gray, Richard K., 4,558,077, Cl. 523-458.000.
  - Gregg, Willard W., 4,509,786, Cl. 296-1.00S.
  - Gresley, Ross A.; Leech, Howard E.; and Smock, Alan L., 4,540,962, Cl. 335-131.000.
  - Griffin, Michael D.; Gural, John A.; and Lamirande, Donald J., 4,509,720, Cl. 251-308.000.
  - Grimes, Michael R.; and Vukovich, William J., 4,558,772, Cl. 192-0.076.
  - Groce, James S.; and Sabo, Edward A., 4,527,828, Cl. 296-65.00R.
  - Gutterman, Jeffrey S., 4,527,432, Cl. 73-861.280.
  - Gutterman, Jeffrey S., 4,527,433, Cl. 73-861.280.
  - Gutterman, Jeffrey S., 4,555,951, Cl. 73-861.280.
  - Hahn, Sangman, 4,509,553, Cl. 137-596.000.
  - Hamparian, Nshan, 4,509,473, Cl. 123-188.0SC.
  - Harrison, Bobby J.; and Ashurkoff, Peter, 4,509,567, Cl. 141-97.000.
  - Hartz, James F., 4,548,306, Cl. 192-70.280.
  - Hengel, James F.; Armstrong, Donald J.; Ament, Frank; Center, Marc B.; and Ausen, John E., 4,539,956, Cl. 123-357.000.
  - Herschelman, Fredric A., 4,492,384, Cl. 277-237.00R.
  - Hess, Edward C.; and Trevino, Edward, 4,553,309, Cl. 29-450.000.
  - Hickling, Robert, 4,556,020, Cl. 123-143.00B.

Hitzelberger, Alan L.; and Shows, Everett W., 4,531,359, Cl. 60-39.270.
Hoffman, Charles T., Jr., 4,513,844, Cl. 188-71.600.
Hogan, Martin J., 4,515,418, Cl. 384-502.000.
Hogg, Hubert, 4,490,978, Cl. 60-561.000.
Hood, Paul F., 4,559,205, Cl. 422-180.000.
Houchens, Albert F.; Cleveland, Dixon; Decina, Basil A., Jr.; Watney, Dale K.; Havens, James R.; and Nagel, Gregory L., 4,493,965, Cl. 219-109.000.
Houchens, Albert F.; Decina, Basil A., Jr.; Havens, James R.; Cleveland, Dixon; and Nagel, Gregory L., 4,503,311, Cl. 219-109.000.
Hsieh, Shao-Chung, 4,531,806, Cl. 339-147.00R.
Irwin, Clarence C., 4,497,503, Cl. 280-335.000.
Jackson, John S., 4,516,401, Cl. 60-602.000.
Johnson, Lynville G.; and Elliott, James O., 4,547,716, Cl. 318-443.000.
Johnston, Albert D., 4,549,638, Cl. 192-45.000.
Johnston, Ralph H.; Munden, Curtis D.; and Sheldrake, Leonard J., 4,536,697, Cl. 322-14.000.
Jones, Richard A.; and Reoch, William D., 4,503,378, Cl. 320-20.000.
Kabasin, Daniel F.; and Stoltman, Donald, 4,502,453, Cl. 123-575.000.
Kade, Alexander; and Karadsheh, Sam M., 4,509,611, Cl. 180-79.100.
Kade, Alexander, 4,527,103, Cl. 318-293.000.
Kade, Alexander, 4,532,567, Cl. 361-31.000.
Kade, Alexander; and Karadsheh, Sam M., 4,540,923, Cl. 318-561.000.
Kade, Alexander; and Radomski, Thomas A., 4,545,004, Cl. 363-63.000.
Kessler, David R.; Beiswenger, David W.; and Makusij, Andrew J., 4,503,826, Cl. 123-470.000.
Kidd, Robert C.; and Porn, Lawrence J., 4,503,419, Cl. 340-59.000.
Kimberlin, Dan R., 4,509,386, Cl. 74-492.000.
Kirk, Thomas E., 4,503,365, Cl. 315-310.000.
Kisner, Howard D., 4,517,070, Cl. 204-298.000.
Kisner, Howard D., 4,521,287, Cl. 204-192.0SP.
Kline, Richard H., 4,534,091, Cl. 29-2.000.
Kline, Richard H., 4,535,040, Cl. 429-234.000.
Klomp, Edward D., 4,502,325, Cl. 73-118.000.
Klomp, Edward D.; and Cornelius, Walter, 4,502,635, Cl. 239-251.000.
Klomp, Edward D.; and Kosek, Thomas P., 4,503,817, Cl. 123-79.00R.
Klomp, Edward D., 4,539,954, Cl. 123-188.0VA.
Klusman, Steven A., 4,509,804, Cl. 384-99.000.
Klusman, Steven A., 4,527,912, Cl. 384-99.000.
Kochy, Fritz B.; and Bayer, Hermann, 4,549,471, Cl. 98-2.090.
Koivunen, Erkki A., 4,513,631, Cl. 74-360.000.
Koivunen, Erkki A., 4,539,866, Cl. 74-665.0GE.
Koivunen, Erkki A., 4,552,545, Cl. 474-16.000.
Kopich, Leonard F., 4,497,399, Cl. 192-111.00A.
Kopich, Leonard F., 4,527,822, Cl. 292-257.000.
Kornylo, Walter P., 4,551,891, Cl. 24-669.000.
Kotowski, Thomas W., 4,496,849, Cl. 307-254.000.
Kramer, Richard L., 4,520,640, Cl. 70-248.000.
Kurtti, Gary R., 4,549,770, Cl. 297-479.000.
Landries, Richard V.; and Ress, Robert A., Jr., 4,541,036, Cl. 361-426.000.
Lang, Paul R., 4,549,050, Cl. 200-314.000.
Langmesser, Otto J., Jr.; and Rees, Richard W. A., 4,513,937, Cl. 248-394.000.
Langmesser, Otto J., Jr.; Lock, Charles R.; and Wood, James C., 4,556,186, Cl. 248-429.000.
LeBlanc, James C.; and LeBlanc, Richard S., 4,558,627, Cl. 89-41.030.
Lederman, Frederick E., 4,497,523, Cl. 384-613.000.
Lederman, Frederick E., 4,541,742, Cl. 384-518.000.
Lederman, Frederick E., 4,541,744, Cl. 384-607.000.
Lederman, Frederick E., 4,555,190, Cl. 384-495.000.
Lee, David N.; and Tanner, William M., 4,549,761, Cl. 296-206.000.
Lehnhoff, Richard N., 4,562,387, Cl. 318-285.000.
Lindenmuth, Donald C., 4,521,056, Cl. 297-412.000.
Lopez-Crevillen, Jose M., 4,527,710, Cl. 220-378.000.
Ludecke, Otto A.; and Stark, Terrence L., 4,531,363, Cl. 60-303.000.
Lueders, Willi H., 4,513,933, Cl. 248-27.100.
MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., 4,540,636, Cl. 428-610.000.
MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., 4,554,208, Cl. 428-332.000.
Mackin, Steven J.; and Tillotson, Harry T., 4,522,081, Cl. 74-473.00R.
Madonio, Andrew M.; and Gulick, Michael H., 4,539,775, Cl. 49-255.000.
Mar, Henry M.; and Reider, Samuel B., 4,527,390, Cl. 60-224.000.
McCartney, Charles P., Jr., 4,547,236, Cl. 156-69.000.
McCulloch, Dean E., 4,541,052, Cl. 364-431.070.
McFadden, James R., 4,527,812, Cl. 280-402.000.
Melchert, Walter K., 4,544,126, Cl. 249-83.000.
Meloche, Kenneth R.; McLeish, James G.; and Libkie, Herbert A., 4,540,188, Cl. 280-6.00R.
Molloy, Edward W.; and Shafer, Ronald E., 4,540,381, Cl. 464-29.000.
Moore, George R.; and Mahannah, Daniel H., 4,520,663, Cl. 73-129.000.
Moore, John T.; Corrigan, Peter E.; and Gardner, James A., 4,513,277, Cl. 340-59.000.
Murty, V. Balarama, 4,544,868, Cl. 318-254.000.
Nagy, Louis L.; and O'Rourke, Michael J., 4,503,384, Cl. 324-61.00P.
Nagy, Louis L.; and O'Rourke, Michael J., 4,543,823, Cl. 73-304.00C.
Nagy, Louis L.; and O'Rourke, Michael J., 4,544,880, Cl. 324-58.50R.
Nestor, Charles R.; Plyler, Robert G.; and Cross, William E., 4,521,065, Cl. 339-75.0MP.
Nestor, Charles R., 4,531,804, Cl. 339-97.00R.
Nichols, Gary A., 4,539,962, Cl. 123-470.000.
Nowakowski, Robert J., 4,492,912, Cl. 320-6.000.
Nowakowski, Robert J., 4,516,066, Cl. 320-15.000.
O'Dea, James D.; and Venable, Glen J., 4,541,827, Cl. 493-309.000.
Ottaviani, Robert A.; Short, William T.; and Hart, Donald J., 4,528,319, Cl. 524-540.000.
Paar, Michael S.; and McCarthy, Christopher I., 4,497,307, Cl. 123-90.330.
Paar, Michael S., 4,502,428, Cl. 123-90.460.
Pandzik, Richard T., 4,506,517, Cl. 62-175.000.
Patel, Balkrishna R., 4,533,890, Cl. 335-234.000.
Pees, James M.; and Neubauer, Jerry L., 4,527,781, Cl. 267-64.240.
Peterson, Gregory E., 4,490,987, Cl. 62-186.000.
Pilarski, Regis V., 4,549,769, Cl. 297-483.000.
Pirrallo, Frank G., 4,509,579, Cl. 164-159.000.
Pogue, Russell W., Jr., 4,503,513, Cl. 364-900.000.
Polak, James C., 4,502,350, Cl. 74-730.000.
Pozniak, Donald J.; Robertson, Gerald F.; and McClain, Michael J., 4,502,847, Cl. 417-380.000.
Pozniak, Donald J., 4,548,185, Cl. 123-571.000.
Raley, Ronald J.; and Warren, James R., 4,561,211, Cl. 49-374.000.
Rao, Bangaru V. N., 4,544,422, Cl. 148-142.000.
Rea, Gerald M.; Stoff, William G.; and Zens, John F., 4,521,050, Cl. 296-192.000.
Rees, Richard W. A., 4,511,187, Cl. 308-3.800.
Rees, Richard W. A., 4,527,767, Cl. 248-419.000.
Renk, Rolf, 4,520,686, Cl. 74-473.00R.
Reynolds, Michael G.; and Brittin, Craig E., 4,496,818, Cl. 219-10.570.
Rezanka, Richard L.; and Finn, Bernard J., 4,531,759, Cl. 280-668.000.
Robertson, Gerald F.; and Pozniak, Donald J., 4,502,848, Cl. 417-380.000.
Rogers, Lloyd W., Jr.; Pilarski, Regis V.; and Blake, Thomas B., 4,540,137, Cl. 242-107.600.
Roof, James A., 4,527,860, Cl. 350-281.000.
Rubin, Frank D.; and Schumacher, Roger A., 4,497,176, Cl. 60-584.000.
Rusch, Randy A., 4,547,959, Cl. 29-577.00C.
Rush, William B., II; and Rask, Rodney B., 4,549,506, Cl. 123-52.0MB.
Ryan, William P.; and Schroeder, Thaddeus, 4,520,658, Cl. 73-117.300.
Ryntz, Edward F., Jr.; and Bommarito, John J., 4,520,858, Cl. 164-34.000.
Sacca, Demetrio B.; Sanderson, Edward H.; and Beatenbough, Paul K., 4,520,867, Cl. 165-144.000.
Sacca, Demetrio B., 4,535,839, Cl. 165-153.000.
Sacca, Demetrio B.; and Hoffman, Donald E., 4,549,605, Cl. 165-150.000.
Salloum, Robert J.; and Atkins, Richard P., 4,497,945, Cl. 528-94.000.
Satchell, Terry L.; and Custance, Robert E., 4,493,493, Cl. 280-661.000.
Schmerda, Joseph M.; and Piojda, Clarence F., 4,540,223, Cl. 339-3.00S.
Schroeder, Thaddeus; and Ryan, William P., 4,539,841, Cl. 73-116.000.
Schubring, Norman W., 4,541,729, Cl. 374-31.000.
Schultz, Frederick K., 4,503,397, Cl. 328-138.000.
Schwenk, Wolfgang, 4,531,671, Cl. 237-12.30B.
Sell, Jeffrey A.; Capehart, Tenneille W.; and Richter, Roy, 4,560,042, Cl. 188-322.210.
Sharma, Ram A., 4,525,212, Cl. 75-68.00R.
Shaw, Daniel, 4,509,578, Cl. 164-155.000.
Sheldrake, Leonard J., 4,493,001, Cl. 361-92.000.
Shellhause, Ronald L., 4,544,049, Cl. 188-364.000.
Shellhause, Ronald L., 4,546,862, Cl. 188-331.000.
Shelton, Allan J., 4,532,577, Cl. 362-80.000.
Shields, William A., 4,502,516, Cl. 141-290.000.
Short, William T.; and Ottaviani, Robert A., 4,522,986, Cl. 525-458.000.
Short, William T.; Ottaviani, Robert A.; and Hart, Donald J., 4,540,734, Cl. 524-507.000.
Shows, Everett W., 4,502,827, Cl. 414-217.000.
Sigety, Stephen, Jr., 4,491,901, Cl. 362-275.000.
Sigety, Stephen, Jr., 4,530,412, Cl. 180-69.210.
Smith, Lyle B., 4,561,460, Cl. 137-493.200.
Smith, Paul R., 4,498,776, Cl. 356-375.000.
Sprenger, Willi, 4,561,689, Cl. 296-84.00A.
Stahura, Daniel W.; and Richey, Daniel D., 4,551,630, Cl. 290-38.00R.

  - Stanner, Donald; and Hughes, Walton, 4,540,331, Cl. 414-730.000.
  - Stapleton, Thomas T., 4,527,898, Cl. 356-446.000.
  - Stark, Terrence L., 4,502,278, Cl. 60-303.000.
  - Stark, Terrence L.; and Ludecke, Otto A., 4,503,672, Cl. 60-286.000.
  - Steele, Robert E., 4,516,828, Cl. 350-96.160.
  - Steele, Robert E., 4,550,303, Cl. 340-80.000.
  - Stephenson, Ronald L.; and Beer, Arthur G., 4,502,659, Cl. 249-66.00R.
  - Stettner, Ernest R., 4,515,129, Cl. 123-472.000.
  - Stevenson, Paul D., 4,513,640, Cl. 74-870.000.
  - Stoltman, Donald D.; and Nichols, Gary A., 4,499,879, Cl. 123-480.000.
  - Stoltman, Donald D., 4,513,775, Cl. 137-491.000.
  - Suchdev, Jagan N., 4,508,065, Cl. 123-41.350.
  - Sucro, Jost S.; Moyer, Ted A.; and Shufflebarger, William S., 4,520,689, Cl. 74-595.000.
  - Taylor, Edward F., 4,538,851, Cl. 296-1.00S.
  - Teerman, Richard F., 4,540,122, Cl. 239-88.000.
  - Teerman, Richard F.; Bosch, Russell H.; and Wirth, Ricky C., 4,550,875, Cl. 239-88.000.
  - Thomas, Michael J.; and McDonald, David B., 4,513,771, Cl. 137-315.000.
  - Thompson, Douglas K., 4,507,052, Cl. 416-193.00A.
  - Thompson, Douglas K., 4,523,890, Cl. 416-95.000.
  - Thompson, Ralph A., 4,532,643, Cl. 377-45.000.
  - Tibbetts, Gary G., 4,491,569, Cl. 423-447.300.
  - Tincher, Jon D., 4,500,769, Cl. 219-86.330.
  - Toepel, Richard R., 4,539,948, Cl. 123-65.0BA.
  - Tyler, David O., 4,554,617, Cl. 362-61.000.
  - VanCise, Kenneth L., Jr., 4,531,603, Cl. 180-148.000.
  - Van Duyn, Paul D., 4,527,861, Cl. 350-281.000.
  - Varterasian, John H.; and Granzotto, Richard J., 4,521,057, Cl. 297-455.000.
  - Vecellio, Anthony M., 4,532,148, Cl. 427-31.000.
  - Vecellio, Anthony M., 4,539,932, Cl. 118-697.000.
  - Vecellio, Anthony M., 4,554,893, Cl. 123-41.830.
  - Vercruysse, Oscar D., 4,514,133, Cl. 414-512.000.
  - Vukovich, William J.; and Grimes, Michael R., 4,493,228, Cl. 74-858.000.
  - Wandel, David M., 4,502,283, Cl. 60-609.000.
  - Warwick, Edward H.; and Parker, Donald L., 4,531,276, Cl. 29-417.000.
  - Warwick, Edward H.; and Parker, Donald L., 4,553,650, Cl. 192-4.00A.
  - Weaver, John R., II; and McClure, Nathaniel D., 4,544,940, Cl. 357-35.000.
  - Williams, Donald L., 4,539,959, Cl. 123-456.000.
  - Wilson, Robert E.; and Bock, Gustavus P., 4,539,955, Cl. 123-339.000.
  - Wright, Dolph D., 4,497,341, Cl. 137-563.000.
  - Wright, Dolph D., 4,513,777, Cl. 137-501.000.
  - Wright, Dolph D., 4,549,572, Cl. 137-495.000.
  - Zaydel, Wieslaw S., 4,529,244, Cl. 296-191.000.
  - Zyngier, John F., 4,527,834, Cl. 297-410.000.
- General Packaging Equipment Company: *See*—
  - Kelly, Robert C., 4,534,159, Cl. 53-552.000.
- General Portland, Inc.: *See*—
  - Diaz, Jose A., 4,548,243, Cl. 141-114.000.
- General Refractories Company: *See*—
  - Stein, Joseph L.; and Maskell, Thomas J., 4,554,035, Cl. 156-89.000.
- General Research of Electronics, Inc.: *See*—
  - Imazeki, Kazuyoshi; and Wani, Hisashi, 4,502,026, Cl. 333-101.000.
  - Imazeki, Kazuyoshi; and Yokoyama, Nobuaki, 4,523,197, Cl. 343-702.000.
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  - Imazeki, Kazuyoshi; and Wani, Hasashi, 4,525,738, Cl. 358-181.000.
- General Resource Corporation: *See*—
  - Pausch, Josef; and Sorenson, David A., 4,556,173, Cl. 239-533.130.
  - Pettit, Douglas L.; and Piilola, Calvin E., 4,512,789, Cl. 55-378.000.
- General Safety Corporation: *See*—
  - Schmidt, Timothy J., 4,518,132, Cl. 242-107.40A.
  - Schmidt, Timothy J.; and Heintzleman, Ronald A., 4,555,075, Cl. 242-107.40A.
- General Scanning Inc.: *See*—
  - Montagu, Jean I., 4,502,752, Cl. 350-6.600.
  - Montagu, Jean I.; and Pelsue, Kurt A., 4,525,030, Cl. 350-255.000.
  - Montagu, Jean I., 4,528,533, Cl. 335-230.000.
- General Screw Products Company: *See*—
  - Cooper, Jack M., 4,512,441, Cl. 184-105.00B.
  - Nimberger, Spencer M., 4,556,196, Cl. 251-214.000.
- General Signal Corporation: *See*—
  - Alexander, Warren R., 4,496,808, Cl. 200-61.45R.
  - Bachle, Walter W., 4,525,000, Cl. 285-177.000.
  - Baxter, Ronald D., 4,505,799, Cl. 204-416.000.
  - Binder, Paul B.; and Kroninger, Paul M., Jr., 4,536,820, Cl. 361-283.000.
  - Bogenschutz, Thomas M., 4,501,346, Cl. 188-218.0XL.
  - Bogenschutz, Thomas M., 4,530,422, Cl. 188-52.000.
  - Bogenschutz, Thomas M., 4,548,237, Cl. 137-625.220.
  - Davis, Duane J., 4,494,911, Cl. 417-222.000.
  - Day, Lawrence, 4,527,358, Cl. 51-131.300.
  - DeSisto, Richard E., 4,527,960, Cl. 417-368.000.
  - Engle, Thomas H., 4,545,465, Cl. 188-72.300.
  - Esterling, Robert J.; Freed, Clarence L.; Weiss, Edward L.; and Korowitz, Simon, 4,528,675, Cl. 375-9.000.
  - Freud, Paul J.; Baxter, Ronald D.; and Kroninger, Paul M., Jr., 4,542,435, Cl. 361-283.000.
  - Gajajiva, Padej; and Wium, Eigil, 4,558,173, Cl. 174-86.000.
  - Giebelhausen, Charles W.; and Davila, Jose E., 4,493,454, Cl. 232-15.000.
  - Hitt, James J., 4,506,174, Cl. 307-490.000.
  - Jandrasi, Frank J.; Pampell, Davy G.; and Stinson, Walter J., 4,512,363, Cl. 137-375.000.
  - Jandrasi, Frank J.; and Ringle, Eric P., 4,531,539, Cl. 137-375.000.
  - Korowitz, Simon, 4,509,117, Cl. 364-200.000.
  - Lapinoja, Lonnie L., 4,519,583, Cl. 251-328.000.
  - Ludwig, Albert R., 4,496,244, Cl. 366-136.000.
  - Mande, Irving; Right, Robert W.; and Killian, George W., 4,506,253, Cl. 340-506.000.
  - Newton, Ronald O.; and Wright, Eric, 4,509,801, Cl. 303-8.000.
  - Paschkis, Albert E., 4,528,849, Cl. 73-432.00R.
  - Pulverenti, John T.; Hentz, Robert S.; and DiPaola, John J., 4,532,509, Cl. 340-825.000.
  - Right, Robert W., 4,499,453, Cl. 340-326.000.
  - Right, Robert W.; and Mande, Irving, 4,506,254, Cl. 340-510.000.
  - Right, Robert W., 4,513,284, Cl. 340-825.510.
  - Ross, Charles W., 4,514,642, Cl. 290-40.00R.
  - Ross, Charles W., 4,531,905, Cl. 431-12.000.
  - Ross, Steven L.; and Tachovsky, Otto H., 4,517,751, Cl. 34-10.000.
  - Schwab, Carl E., 4,506,994, Cl. 374-28.000.
  - Schwab, Carl E.; Rost, David P.; Hackenberg, William; and Holcombe, Paul, 4,516,125, Cl. 343-7.700.
  - Schwab, Carl E., 4,520,360, Cl. 340-947.000.
  - Shahbaz, Zalmai S.; and Frielinghaus, Klaus H., 4,528,679, Cl. 377-6.000.
  - Sibley, Henry C.; and Rutherford, David B., Jr., 4,495,578, Cl. 364-426.000.
  - Sibley, Henry C., 4,553,200, Cl. 364-200.000.
  - Smith, Barry L.; Hoelscher, James R.; and Petit, William A., 4,498,650, Cl. 246-122.00R.
  - Steinbaugh, Gary, 4,533,965, Cl. 360-62.000.
  - Stinson, Walter J.; and Phillips, Larry J., 4,518,146, Cl. 251-28.000.
  - Summers, Anthony C., 4,491,299, Cl. 251-308.000.
  - Tanner, Douglas J., 4,558,605, Cl. 74-102.000.
  - Walsh, Thomas J., 4,496,250, Cl. 374-186.000.
  - Weetman, Ronald J., 4,527,904, Cl. 366-348.000.
  - Weiss, Edward L., 4,501,021, Cl. 455-601.000.
  - Wells, Richard E., 4,490,985, Cl. 62-86.000.
  - Wiese, John R.; and Walsh, Thomas J., 4,550,620, Cl. 73-864.550.
  - Wolaver, Dan H.; and Little, Warren E., 4,547,747, Cl. 331-17.000.
  - Wright, Eric, 4,555,766, Cl. 364-426.000.
  - Wright, Eric C.; and Fairman, Ronald E., 4,534,599, Cl. 303-22.00R.
  - Young, John E. G., 4,527,393, Cl. 60-327.000.
  - Zimring, Bruce, 4,557,599, Cl. 356-243.000.
- General Technology Applications, Inc.: *See*—
  - Hadermann, Albert F.; Trippe, Jerry C.; and Waters, Paul F., 4,501,828, Cl. 523-309.000.
  - Hadermann, Albert F., 4,510,304, Cl. 528-481.000.
- General Telephone of Florida: *See*—
  - Gazzoli, Italo; and Keller, Frank, 4,538,028, Cl. 179-2.0EA.
  - Gazzoli, Italo; and Keller, Frank, 4,538,029, Cl. 179-2.0EA.
- General Telephone of Michigan: *See*—
  - Stuparits, Jeffrey J.; and Cramer, Russell L., 4,544,809, Cl. 179-175.20R.
- General Time Corp.: *See*—
  - Frazier, Stephen E., 4,534,775, Cl. 55-74.000.
- General Tire & Rubber Company, The: *See*—
  - Bingham, Robert E.; Durst, Richard R.; Fabris, Hubert J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,503,204, Cl. 526-187.000.
  - Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, 4,508,785, Cl. 428-424.400.
  - Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, 4,534,888, Cl. 252-511.000.
  - Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,511,699, Cl. 525-205.000.
  - Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,511,700, Cl. 525-283.000.
  - Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., 4,547,550, Cl. 525-205.000.
  - Stamper, Richard W.; and Hultz, Robert C., 4,515,744, Cl. 264-171.000.
  - Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,497,748, Cl. 260-665.00R.
- Generalimpex: *See*—
  - Gomory, Pal; Hegedus, Janos; Kiss, Ferenc; and Simon, Attila, 4,541,488, Cl. 166-307.000.
- Genesco Inc.: *See*—
  - Czerwinski, Richard W.; Gregory, Graham W.; Miller, Richard H.; and Rafalowski, Stanley A., Jr., 4,552,909, Cl. 524-11.000.
- Genese, Joseph N.; and Seberg, Charles H., to Abbott Laboratories. Venipuncture device. 4,496,348, 1-29-85, Cl. 604-167.000.
- Genest, Leonard J. Security dialing system for long distance telephone systems. 4,506,116, 3-19-85, Cl. 179-90.0BD.
- Genest, Leonard J. Remote sensor telemetering system. 4,531,526, 7-30-85, Cl. 128-630.000.

- Genest, Leonard J.; and Calvagna, J. Francis, to Genest, Leonard J. Security system and method for securely communicating therein. 4,558,175, 12-10-85, Cl. 178-22.080.
- Genest, Leonard J.: *See—*
  - McGlone, William E.; and Genest, Leonard J., 4,498,697, Cl. 293-128.000.
- Genetay, Michel; and Dangers, Gerard, to Societe Anonyme des Produits Ceramiques de Touraine. Process for converting a ceramic toilet commode intended to be supplied with an independent water supply pipe into a toilet commode adapted to be supplied with water by an associated tank. 4,524,500, 6-25-85, Cl. 29-157.00R.
- Genetic Diagnostics Corporation: *See—*
  - Deutsch, Alice; and Platt, Herbert, 4,522,923, Cl. 436-536.000.
  - Platt, Herbert; and Stracher, Alfred, 4,510,130, Cl. 514-2.000.
- Genetic Systems Corporation: *See—*
  - Nowinski, Robert C.; and Hoffman, Allan S., 4,511,478, Cl. 210-691.000.
- Genetics Institute, Inc.: *See—*
  - Rozzell, J. David, 4,518,692, Cl. 435-116.000.
  - Rozzell, J. David, 4,525,454, Cl. 435-106.000.
- Genetics International, Inc.: *See—*
  - Higgins, Irving J.; Hill, Hugh A. O.; and Plotkin, Elliot V., 4,545,382, Cl. 128-635.000.
- Geneve, Francois M.; Heiligenstein, Luc M. D.; and Melamed, Stephen B., to Tres Design Co., Inc. Disposable chair. 4,556,253, 12-3-85, Cl. 297-440.000.
- Genex Corporation: *See—*
  - Jacobson, James W.; Glick, J. Leslie; and Madello, Kenneth L., 4,540,506, Cl. 252-174.120.
  - Swann, Wayne E., 4,504,582, Cl. 435-108.000.
- Geng, Hans, to Plastik-Maschinenbau GmbH & Co., KG. Method of replastifying thermoplastic strips, foils or webs. 4,535,940, 8-20-85, Cl. 241-3.000.
- Genicom Corporation: *See—*
  - Berrey, Harry R.; and Caulier, Paul W., 4,523,867, Cl. 400-124.000.
  - Bittner, John R.; Berrey, Harry R.; and Billings, Ralph S., 4,504,051, Cl. 270-40.000.
  - Bittner, John R.; Billing, Ralph S.; and Stewart, Robert T., Jr., 4,543,002, Cl. 400-212.000.
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- Genies, Bernerd: *See—*
  - Laurenceau, Serge; Mouflet, Luc; and Genies, Bernerd, 4,556,384, Cl. 431-160.000.
- Genies, Eugene, to Commissariat a l'Energie Atomique. Electrochemical generator. 4,547 439, 10-15-85, Cl. 429-105.000.
- Genisis Technology, Inc.: *See—*
  - Schorr, Steven M.; and Stoner, Richard J., Jr., 4,514,930, Cl. 47-60.000.
- Genji, Nobuo; Takahashi, Wataru; Nakamura, Masatatsu; and Kawai, Yoichi, to Matsushita Electric Industrial Co., Ltd. Washing machine. 4,553,413, 11-19-85, Cl. 68-12.00R.
- Genma, Hideaki, to Hitachi, Ltd. Priority control method and apparatus for common bus of data processing system. 4,547,850, 10-15-85, Cl. 364-200.000.
- Genma, Hideyuki; and Sugita, Yoshiaki, to Suzuki Motor Company Limited. Small car body. 4,521,049, 6-4-85, Cl. 296-185.000.
- Genna, Salvatore A., to Russo, Neil C., a part interest. Display system. 4,530,549, 7-23-85, Cl. 312-121.000.
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  - Fukutsuka, Toshiro; Moritoki, Masato; Fujikawa, Takao; and Gennai, Norio, 4,505,762, Cl. 148-11.50R.
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- Gennari, Federico, to Bioresearch S.p.A. Stable S-adenosylmethionine salts, the process for their preparation, and therapeutic compositions which contain them as active principle. 4,543,408, 9-24-85, Cl. 536-26.000.
- Gennari, Federico, to Bioresearch S.p.A. Stable s-adenosylmethionine derivatives, the process for their preparation, and therapeutic compositions which contain them as active principle. 4,558,122, 12-10-85, Cl. 536-26.000.
- Genne, Lee A.: *See—*
  - Chartrain, Armand N.; and Genne, Lee A., 4,555,159, Cl. 339-239.000.
  - Chartrain, Armand N.; and Genne, Lee A., 4,562,126, Cl. 429-72.000.
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  - Gomez, Aldan D.; and Gennetten, Edward W., 4,513,329, Cl. 360-42.000.
- Gennrich, Timothy J.: *See—*
  - Graham, Joseph; Gennrich, Timothy J.; and Laird, James A., 4,521,333, Cl. 252-606.000.
- Genoa Group Inc.: *See—*
  - Shea, Gregory T.; and Ballantyne, Ernest R., 4,538,653, Cl. 141-285.000.
- Genova, Anthony T.; Squitieri, Vincent; and Lionetta, William G., Jr., to Chomerics, Inc. Shielded cable system and method. 4,497,533, 2-5-85, Cl. 339-143.00R.
- Genovation, Inc.: *See—*
  - Sedgwick, Jim, 4,528,690, Cl. 381-67.000.
- Genovese, Frank C.; and Pollack, Joel M., to Xerox Corporation. Edge-out matrix light bar coupling apparatus and method using a fiber-optics plate. 4,558,255, 12-10-85, Cl. 313-497.000.
- GenRad, Inc.: *See—*
  - Congdon, James S., 4,523,154, Cl. 330-266.000.
  - Karash, Karl, 4,520,416, Cl. 361-11.000.
  - Sargent, Brian; and Skilling, James, 4,554,630, Cl. 364-200.000.
  - Swanson, Mark, 4,555,783, Cl. 371-15.000.
- Genrich, Thad J., to Motorola, Inc. Numerically controlled oscillator. 4,514,696, 4-30-85, Cl. 328-14.000.
- Genrich, Thad J., to Motorola, Inc. Synchronous carry frequency divider and method of using therefor. 4,553,218, 11-12-85, Cl. 364-703.000.
- Genrich, Thad J., to Motorola, Inc. Frequency multiplier/divider apparatus and method. 4,556,984, 12-3-85, Cl. 377-47.000.
- Genrich, Volker. Radiation measuring instrument. 4,543,483, 9-24-85, Cl. 250-374.000.
- Genroku Corporation: *See—*
  - Egawa, Kinsho, 4,555,990, Cl. 108-20.000.
- Gens, Theodore A., to BOC Group, Inc., The. Methods for the removal of gaseous impurities from mixed gas streams. 4,550,098, 10-29-85, Cl. 502-324.000.
- Genson, Alex E.: *See—*
  - Akiyama, Sueshiro, 4,533,353, Cl. 604-321.000.
- Genson, Brian S.: *See—*
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- Gentex Corporation: *See—*
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  - Ingalls, Robert, 4,508,936, Cl. 179-82.000.
  - Scalzo, John P.; and Aileo, Jackson A., 4,523,661, Cl. 181-129.000.
- Genth, Hermann: *See—*
  - Kuhle, Engelbert; Klauke, Erich; Paulus, Wilfried; and Genth, Hermann, 4,513,003, Cl. 514-411.000.
  - Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Reinecke, Paul; and Rosslenbroich, Hans-Jurgen, 4,547,517, Cl. 514-390.000.
  - Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Brandes, Wilhelm; and Reinecke, Paul, 4,562,208, Cl. 514-593.000.
  - Ritter, Helmut; Paulus, Wilfried; and Genth, Hermann, 4,532,259, Cl. 514-608.000.
  - Schmitt, Hans-Georg; Palus, Wilfried; and Genth, Hermann, 4,520,023, Cl. 514-241.000.
  - Schmitt, Hans-Georg; Reinecke, Paul; Paulus, Wilfried; Genth, Hermann; and Radt, Walter, 4,521,412, Cl. 514-244.000.
  - Schmitt, Hans-Georg; Paulus, Wilfried; and Genth, Hermann, 4,545,994, Cl. 514-514.000.
- Gentile, Anthony J.: *See—*
  - Cropper, George D.; and Gentile, Anthony J., 4,537,025, Cl. 60-39.281.
- Gentile, Anthony L.: *See—*
  - Sashital, Sanat K.; Joyce, Robert L.; and Gentile, Anthony L., 4,540,461, Cl. 156-624.000.
- Gentile, Carmine J.; Hagge, Melvin L.; and Croes, Robert C., to RCA Corporation. Level shift interface circuit. 4,501,978, 2-26-85, Cl. 307-475.000.
- Gentile, Joseph P., Jr. Electronic instrument string cleaner. 4,528,889, 7-16-85, Cl. 84-453.000.
- Gentilman, Richard L.; Maguire, Edward A.; and Dolhert, Leonard E., to Raytheon Company. Transparent aluminum oxynitride and method of manufacture. 4,520,116, 5-28-85, Cl. 501-98.000.
- Gentleman, Wally; and Eppolito, John. Composite process cinematography system and method. 4,527,872, 7-9-85, Cl. 352-89.000.
- Gentner, Gabriele: *See—*
  - Herzog, Klaus; Szenger, Franz; and Gentner, Gabriele, 4,520,700, Cl. 82-31.000.
- Gentric, Alain. Connector. 4,550,971, 11-5-85, Cl. 339-99.00R.
- Gentry, Cecil C., to Phillips Petroleum Company. Apparatus for varying shell fluid flow in shell and tube heat exchanger. 4,506,728, 3-26-85, Cl. 165-96.000.
- Gentry, Elvin O. Crankshaft inspection apparatus and method. 4,517,717, 5-21-85, Cl. 29-6.000.
- Gentry, Ernest B., to Otis Engineering Corporation. Wireline valve inner seal. 4,506,858, 3-26-85, Cl. 251-1.00A.
- Gentry, Frank: *See—*
  - Gentry, Samuel H.; and Gentry, Frank, 4,516,406, Cl. 62-183.000.
- Gentry and Green Enterprises: *See—*
  - Gentry, Samuel H.; and Gentry, Frank, 4,516,406, Cl. 62-183.000.
- Gentry, James F., to United States of America, Air Force. Multiplexed data stream monitor. 4,528,660, 7-9-85, Cl. 370-80.000.
- Gentry, Robert R .: *See—*
  - Atkins, Kenneth E.; and Gentry, Robert R ., 4,525,498, Cl. 523-511.000.
- Gentry, Samuel H.; and Gentry, Frank, to Gentry and Green Enterprises. Cooling system for motor vehicles. 4,516,406, 5-14-85, Cl. 62-183.000.
- Gentzler, David: *See—*
  - Gillette, Dennis; and Gentzler, David, 4,519,507, Cl. 209-682.000.
- Genuit, Luther L. Electronic score-keeper for table tennis. 4,491,954, 1-1-85, Cl. 377-5.000.
- Genuit, Luther L.; and Nowell, John R., to Honeywell Information Systems Inc. Annunciator control circuit. 4,506,256, 3-19-85, Cl. 340-518.000.
- Genuit, Luther L.; and Nowell, John R., to Honeywell Information Systems Inc. Motor generator shutdown circuit for extended ride-through. 4,521,692, 6-4-85, Cl. 290-4.00A.
- Genus, Inc.: *See—*
  - Mahawili, Imad, 4,550,684, Cl. 118-724.000.

- Geo-Centers, Inc.: *See—*
  - McIlwain, Michael E.; Grant, Jonathan F.; Golenko, Zsolt; and Wittstein, Alan D., 4,493,297, Cl. 123-143.00B.
  - Mermelstein, Marc D., 4,515,473, Cl. 356-33.000.
  - Sandler, Sheldon S., 4,498,086, Cl. 343-807.000.
  - Tran, Danh C.; and Fisher, Chester, 4,539,032, Cl. 65-32.000.
- Geo-Systems, Inc.: *See—*
  - Partin, James R.; and Rawlings, John P., 4,538,673, Cl. 165-45.000.
- Geo Vann, Inc.: *See—*
  - Brieger, Emmet F., 4,497,366, Cl. 166-150.000.
  - Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., 4,498,541, Cl. 166-297.000.
  - Brieger, Emmet F., 4,501,331, Cl. 166-297.000.
  - Brieger, Emmet F., 4,529,038, Cl. 166-312.000.
  - Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., 4,538,680, Cl. 166-55.000.
  - George, Flint R.; and Brieger, Emmet F., 4,510,999, Cl. 166-297.000.
  - George, Flint R., 4,544,034, Cl. 166-297.000.
  - Vann, Roy R., 4,499,951, Cl. 166-297.000.
  - Vann, Roy R.; George, Flint R.; and Warren, Dennis F., 4,512,406, Cl. 166-297.000.
  - Vann, Roy R.; and George, Flint R., 4,554,975, Cl. 166-297.000.
  - Yates, Donald N., Jr.; and Oestrich, Michael, 4,522,665, Cl. 149-21.000.
- Geoffrey, James E., to Ford Motor Company. Seat belt positioning device. 4,542,939, 9-24-85, Cl. 297-481.000.
- Geoffroy, Henri. Gas turbine thrust system. 4,503,669, 3-12-85, Cl. 60-39.750.
- Geomarex: *See—*
  - Rossfelder, Andre M.; and Jung, Peter A., 4,553,443, Cl. 74-22.00R.
- Geonics Limited: *See—*
  - Kaufman, Alexander A.; and McNeill, James D., 4,544,892, Cl. 324-334.000.
- Geophysical Company of Norway A/S: *See—*
  - Boe, Jan; Haugland, Tor-Arvid; Selvaer, Ole-Kristian; and Kleiven, Atle, 4,552,086, Cl. 114-242.000.
  - Brandsaeter, Helge; and Eimstad, Olav, 4,506,352, Cl. 367-21.000.
  - Brandsaeter, Helge; Ommundsen, Tor A.; and Mjoen, Oyvind, 4,561,073, Cl. 367-19.000.
- Geophysical Survey Systems, Inc.: *See—*
  - Harmuth, Henning F., 4,506,267, Cl. 343-744.000.
- Geophysical Systems Corporation: *See—*
  - Martin, Lincoln A.; and Fenley, William F., Jr., 4,498,157, Cl. 367-50.000.
- Georg, Dennis D.; and Osecky, Benjamin D., to Hewlett-Packard Company. Dynamic physical memory mapping and management of independent programming environments. 4,511,964, 4-16-85, Cl. 364-200.000.
- Georg Fischer Aktiengesellschaft: *See—*
  - Fischer, Kurt; and Muller, Franz, 4,550,765, Cl. 164-194.000.
  - Helg, Hansrudolf, 4,526,222, Cl. 164-340.000.
  - Landolt, Christoph, 4,546,810, Cl. 164-37.000.
  - Mahnig, Fritz; and Meister, Herbert, 4,556,234, Cl. 280-688.000.
  - Thalmann, Alfred, 4,536,644, Cl. 219-535.000.
- Georg Knoblauch GmbH: *See—*
  - Knoblauch, Georg, 4,512,467, Cl. 206-379.000.
- Georg Muller Kugellagen Fabrik K.G.: *See—*
  - Petermann, Harald; and Loesch, Karl G., 4,519,166, Cl. 51-103.0WH.
- Georg Neumann GmbH: *See—*
  - Kern, Otmar, 4,538,255, Cl. 369-51.000.
  - Kern, Otmar, 4,541,112, Cl. 381-113.000.
- Georg Spiess GmbH: *See—*
  - Marass, Josef, 4,502,678, Cl. 271-270.000.
  - Marass, Josef; and Liepert, Rudolf, 4,555,989, Cl. 101-424.000.
- Georg Wagner KG: *See—*
  - Lorenz, Jurgen W., 4,551,311, Cl. 422-300.000.
- Georgacakis, George D.: *See—*
  - Beller, Wilbert E.; Georgacakis, George D.; and Obermann, George, 4,533,803, Cl. 200-153.00K.
- Geo. A. Hormel & Company: *See—*
  - Leining, Lyndon R.; Bliese, Rodger W.; and White, Gordon G., 4,525,896, Cl. 17-1.00R.
- George, Albert E.; and Poirier, Marc-Andre, to Canada, Her Majesty the Queen in right of, as represented by the Minister of Energy and Natural Resources. Clarification of black water produced during recovery of bitumens and heavy oils. 4,519,915, 5-28-85, Cl. 210-663.000.
- George, Albert E.: *See—*
  - Poirier, Marc-Andre; and George, Albert E., 4,529,504, Cl. 208-254.00R.
- George, Albert L. Pick-up and laydown machine. 4,491,450, 1-1-85, Cl. 414-22.000.
- George Angus & Company Limited: *See—*
  - Johnston, David E., 4,519,616, Cl. 277-152.000.
- George, Benjamin B., to Tivoli Industries, Inc. Underwater lighting system with grounded return line. 4,544,996, 10-1-85, Cl. 362-238.000.
- George, Benjamin T.: *See—*
  - Pusic, Vladi; George, Benjamin T.; Smith, Monte E.; and Johnson, Craig B., 4,506,323, Cl. 364-200.000.
- George Blair Public Limited Company: *See—*
  - Blair, Ian L., 4,553,791, Cl. 305-39.000.
- George, Boyd A.: *See—*
  - Goddin, Clifton S., Jr.; Turek, Edward A.; and George, Boyd A., 4,529,411, Cl. 55-16.000.
- George, Charles; and Gerke, Richard R., to Halliburton Company. Dispersant and fluid loss additives for oil field cements. 4,557,763, 12-10-85, Cl. 106-90.000.
- George, Christopher W.; Sinha, Hari N.; Vujcich, Mary R.; and Walker, Graham S., to Commonwealth Scientific and Industrial Research Organization; and Queensland Phosphate Limited. Process for the production of dicalcium phosphate. 4,524,054, 6-18-85, Cl. 423-308.000.
- George, Clifford L., to Xerox Corporation. High speed duplicator with copy sheet pre-loading receptacle. 4,556,210, 12-3-85, Cl. 271-157.000.
- George, David J.; Nguyen, Hue V.; and Yardy, Raymond, to Discovision Associates. Digital data storage in video format. 4,495,623, 1-22-85, Cl. 371-38.000.
- George, David L. Electrical circuit identification means. 4,556,839, 12-3-85, Cl. 324-66.000.
- George, David W., to Wean United, Inc. Arrangement, apparatus, and method to form laminates, and the like such as copper clad. 4,505,771, 3-19-85, Cl. 156-285.000.
- George, Dieno: *See—*
  - Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.
- George, Douglas A.: *See—*
  - Leibowitz, Marshall; and George, Douglas A., 4,500,173, Cl. 350-345.000.
- George, E. Victor; and Schipper, John F., to United States of America, Energy. Dual frequency optical cavity. 4,510,605, 4-9-85, Cl. 372-23.000.
- George, E. Victor; and Swingle, James C., to United States of America, Energy. Raman accumulator as a fusion laser driver. 4,529,943, 7-16-85, Cl. 330-4.300.
- George, E. Victor, to United States of America, Energy. Q-switched Raman laser system. 4,538,274, 8-27-85, Cl. 372-3.000.
- George Fischer Aktiengesellschaft: *See—*
  - Linkert, Reinhold; Becker, Emil; and Hoffmann, Horst, 4,544,407, Cl. 75-130.00A.
- George Fischer Limited: *See—*
  - Lustenberger, Hans, 4,496,393, Cl. 75-58.000.
  - Tanner, Hans, 4,505,316, Cl. 164-37.000.
  - Thalmann, Alfred; and Reich, Fritz, 4,515,177, Cl. 137-318.000.
- George, Flint R.; and Brieger, Emmet F., to Geo Vann, Inc. Well cleanup and completion method and apparatus. 4,510,999, 4-16-85, Cl. 166-297.000.
- George, Flint R., to Geo Vann, Inc. Actuation of a gun firing head. 4,544,034, 10-1-85, Cl. 166-297.000.
- George, Flint R.: *See—*
  - Brieger, Emmet F.; George, Flint R.; and Colle, Edward A., Jr., 4,498,541, Cl. 166-297.000.
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  - Vann, Roy R.; George, Flint R.; and Warren, Dennis F., 4,512,406, Cl. 166-297.000.
  - Vann, Roy R.; and George, Flint R., 4,554,975, Cl. 166-297.000.
- George, Harvey F.; and Toor, Yair, to Gravure Research Institute, Inc. Method and apparatus for forming gravure cells in a gravure cylinder. 4,504,354, 3-12-85, Cl. 156-639.000.
- George, John A., to Xomox Corporation. Plug valve with improved plastic sleeve. 4,494,730, 1-22-85, Cl. 251-309.000.
- George, Joseph W.: *See—*
  - Wolf, Charles B.; and George, Joseph W., 4,554,435, Cl. 219-383.000.
- George, Kurudamannil A., to Proctor & Schwartz, Inc. Process for removing skins from nuts. 4,491,603, 1-1-85, Cl. 426-482.000.
- George, Kurudamannil A., to Proctor & Schwartz, Inc. Skin removal apparatus for almonds. 4,537,122, 8-27-85, Cl. 99-516.000.
- George, Leroy. Tool for coupling pipe sections. 4,501,055, 2-26-85, Cl. 29-237.000.
- George, Marion L.: *See—*
  - Kebede, Berhanu; and George, Marion L., 4,527,772, Cl. 251-138.000.
- George P. Johnson Co.: *See—*
  - Vallee, Robert G., 4,498,398, Cl. 104-44.000.
- George, Pascal: *See—*
  - Kaplan, Jean-Pierre; George, Pascal; and Bernardon, Jean-Michel, 4,492,695, Cl. 424-246.000.
  - Kaplan, Jean-Pierre; and George, Pascal, 4,501,745, Cl. 514-222.000.
- George, Peter K.: *See—*
  - Mowry, Gregory S; and George, Peter K., 4,535,375, Cl. 360-113.000.
- George, Richard D.: *See—*
  - Brockway, Patrick H.; Lehr, Howard C.; and George, Richard D., 4,537,440, Cl. 296-108.000.
- George, Richard E., to John Fluke Mfg. Co., Inc. Dual rate, integrating, analog-to-digital converter. 4,556,867, 12-3-85, Cl. 340-347.0NT.
- George, Rick A., to NCR Corporation. Position indicator means for a high speed printer or the like. 4,518,272, 5-21-85, Cl. 400-705.100.
- George, Stephen; and George, Thomas H., to Pyro Technology Corp. Refractory-binder coated fabric. 4,507,355, 3-26-85, Cl. 428-246.000.
- George, Thazhuthekudiyil V.: *See—*
  - Lanigan, John J., Sr.; Glickman, Myron; George, Thazhuthekudiyil V.; and Ermel, Bernard A., 4,546,891, Cl. 212-221.000.
- George, Thomas H.: *See—*
  - George, Stephen; and George, Thomas H., 4,507,355, Cl. 428-246.000.

- George, Thomas R., Jr.; and Lochhead, Robert Y., Jr., to B. F. Goodrich Company, The. Stable mineral spirit dispersions of carboxyl-containing polymers 4,536,528, 8-20-85, Cl. 524-313.000.
- George Washington University: *See—*
  - Goldstein, Allan L.; Low, Teresa L. K.; McClure, John; and Naylor, Paul H., 4,543,340, Cl. 436-542.000.
  - Nakatsuka, Iwao; Eckelman, William; and Rzeszotarski, Waclaw J., 4,541,957, Cl. 260-397.200.
- George, William A.: *See—*
  - Grossman, Mark W.; George, William A.; and Pai, Robert Y., 4,534,742, Cl. 445-9.000.
- George, Zacharia M.: *See—*
  - Kessick, Michael A.; George, Zacharia M.; and Schneider, Linda G., 4,521,382, Cl. 423-68.000.
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- George, Zacheria M., to Research Council of Alberta. Hydrodesulfurization of coke. 4,529,501, 7-16-85, Cl. 208-127.000.
- Georgelin, Alexandre: *See—*
  - Ballerin, Jean-Paul; Georgelin, Alexandre; and Ballerin, Edmond, 4,559,918, Cl. 124-78.000.
- Georgens, Harold H.; and Brokaw, A. Ray, to Data Electronics, Inc. Tape cartridge receptacle. 4,498,112, 2-5-85, Cl. 360-96.500.
- Georges, Jean-Pierre J.: *See—*
  - DiBianca, Frank A.; Georges, Jean-Pierre J.; Cusano, Dominic A.; and Greskovich, Charles D., 4,525,628, Cl. 250-367.000.
- Georgia Kaolin Company, Inc.: *See—*
  - Thompson, Thomas D., III, 4,532,285, Cl. 524-255.000.
- Georgia-Pacific Corporation: *See—*
  - Bannerman, Wyburn G.; and Ludwig, Charles H., 4,492,729, Cl. 428-283.000.
  - Jespersen, Paul W., 4,522,346, Cl. 242-55.300.
- Georgia-Pacific Resins, Inc.: *See—*
  - Blair, Robert E.; and Peede, Michael R., 4,495,329, Cl. 524-774.000.
  - Formaini, Richard E., 4,526,606, Cl. 71-3.000.
- Georgia Tech Research Corporation: *See—*
  - Speaker, Lois M., 4,554,076, Cl. 210-639.000.
  - Tedder, Daniel W., 4,510,242, Cl. 435-157.000.
  - Tedder, Daniel W., 4,517,298, Cl. 435-160.000.
- Georgia Tech Research Institute: *See—*
  - Cash, Carlton H., 4,509,052, Cl. 343-418.000.
  - Delahoussaye, Ronald D.; and Kelly, Gary W., 4,537,415, Cl. 280-242.0WC.
  - Delahoussaye, Ronald D.; and Brazell, James W., II, 4,538,825, Cl. 280-242.0WC.
  - Myerson, Allan S., 4,550,198, Cl. 560-486.000.
  - Myerson, Allan S.; and Ernst, William R., 4,559,313, Cl. 502-25.000.
  - Pena-Finol, Jesus S.; and Connelly, Joseph A., 4,546,275, Cl. 307-498.000.
  - Purdy, Kenneth R.; Gorton, Charles W.; and Knight, James A., Jr., 4,497,637, Cl. 48-111.000.
  - Zinn, Ben T.; Miller, Nehemia; and Daniel, Brady R., 4,529,377, Cl. 432-58.000.
- Georgiev, Georgi A.: *See—*
  - Atanassov, Lyuben P.; Kohen, Eliezer H.; Maleshkov, Vladimir D.; Antonov, Dimo P.; Russev, Lyubomir S.; and Georgiev, Georgi A., 4,558,408, Cl. 364-130.000.
- Georgiev, Ivan N.: *See—*
  - Mitkov, Atanas L.; Georgiev, Ivan N.; Radulov, Peter T.; Hung, Le K.; and Atanassov, Atanas K., 4,532,940, Cl. 130-6.000.
- Georgiev, Vassil S.; and Mullen, George B., to Pennwalt Corporation. Adamantyl containing 1,4-oxazinone derivatives. 4,549,014, 10-22-85, Cl. 544-71.000.
- Georgiev, Vassil S.; and Kinsolving, Clyde R., to Pennwalt Corporation. Substituted 4-azatricyclo[4.3.1.1^{3,8}]undecane compounds. 4,557,865, 12-10-85, Cl. 260-239.30T.
- Georgii, Hans C. Buoyant plant especially for the off-shore manufacturing of concrete structures. 4,556,002, 12-3-85, Cl. 114-264.000.
- Georgiou, George A.: *See—*
  - Evans, Dain S.; Georgiou, George A.; Mossman, Peter; Mukherjee, Arabinda; and Whiscombe, John B., 4,548,466, Cl. 350-96.200.
- Georgis, Steven P., to Storage Technology Corporation. Adaptive feedforward servo system. 4,533,991, 8-6-85, Cl. 364-164.000.
- Georgis, Steven P.: *See—*
  - Zweighaft, James; and Georgis, Steven P., 4,502,647, Cl. 242-191.000.
- Geoscience Ltd: *See—*
  - Poppendiek, Heinz F.; and Sabin, Cullen M., 4,534,663, Cl. 374-43.000.
- Geosling, Christine E.: *See—*
  - Donohue, Terence; and Geosling, Christine E., 4,528,080, Cl. 204-157.10R.
- Geosource Inc.: *See—*
  - Bogard, Edward L., 4,557,326, Cl. 166-212.000.
  - Day, Roger W.; and Grichar, Charles N., 4,505,591, Cl. 366-134.000.
  - Mayne, W. Harry; and Zilkha, Sasson, 4,512,001, Cl. 367-189.000.
  - Mayo, Franklin W.; and Smither, Miles A., 4,510,585, Cl. 367-43.000.
  - Tantillo, Donnie J.; Kratochvil, David F.; Moore, Robert G.; and Browne, Edward M., 4,519,052, Cl. 367-79.000.
- Geotech Development Corporation: *See—*
  - Cowling, Albert R., 4,497,712, Cl. 210-691.000.
- Geotronics AB: *See—*
  - Scholdstrom, Ragnar; Marcus, Holger; and Nordstrom, Lennart, 4,508,448, Cl. 356-5.000.
  - Wiklund, Klas R.; and Hertzman, Mikael, 4,560,270, Cl. 356-5.000.
- Gephart, Russell L., to Verbatim Corporation. Floppy disk transmissivity meter. 4,557,604, 12-10-85, Cl. 356-432.000.
- Gepipari Technologiai Intezet: *See—*
  - Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Vida, Zoltan, 4,558,748, Cl. 175-57.000.
- Gepner, Isadore: *See—*
  - Shaw, Arthur W.; and Gepner, Isadore, 4,556,765, Cl. 200-61.710.
- Geppert, Fritz, to Telefonbau und Normalzeit GmbH. Wall exchange. 4,533,793, 8-6-85, Cl. 179-99.00R.
- Geppert, Rudolf: *See—*
  - Kuhn, Michael H.; Piotrowski, Herbert; and Geppert, Rudolf, 4,543,537, Cl. 330-129.000.
- Gera, Abed: *See—*
  - Loebenstein, Gad; and Gera, Abed, 4,520,020, Cl. 424-197.100.
- Gerace, Anthony. Internal combustion engine and operating cycle therefor. 4,520,765, 6-4-85, Cl. 123-27.00R.
- Geracitano, Vincent. Inflatable reversible liferaft. 4,517,914, 5-21-85, Cl. 114-345.000.
- Gerakiteys, Peter K. Levitated ball toy. 4,527,351, 7-9-85, Cl. 446-202.000.
- Gerard A. Wurdack & Associates, Inc.: *See—*
  - Wurdack, Gerard A.; and Morgan, Gene L., 4,496,890, Cl. 318-600.000.
  - Wurdack, Gerard A., 4,543,583, Cl. 343-792.000.
- Gerard, Donald R.: *See—*
  - Otrhalek, Joseph V.; and Gerard, Donald R., 4,529,451, Cl. 148-6.15Z.
  - Otrhalek, Joseph V.; and Gerard, Donald R., 4,531,978, Cl. 148-6.160.
- Gerard, Frank. Permanent magnet thermal energy system. 4,511,777, 4-16-85, Cl. 219-10.510.
- Gerard, Henry M., to United States of America, Army. Chirp transform correlator. 4,532,603, 7-30-85, Cl. 364-819.000.
- Gerard, Jean-Louis; Bricot, Claude; and Berthet, Pierre, to Thomson-CSF. Mobile pre-etched data carrier and an optical tracking device using such a carrier. 4,553,228, 11-12-85, Cl. 369-46.000.
- Gerard, Jean-Louis; Le Marchand, Claude; and Raguier, Marcel, to Societe Anonyme D.B.A. Disc brake and a pad for such a brake. 4,560,038, 12-24-85, Cl. 188-73.380.
- Gerard, Jean-Louis; Berthet, Pierre; Bricot, Claude; and Audoin, Michel, to Thomson-CSF. Process and system for optical recording and reading on a mobile data carrier. 4,561,082, 12-24-85, Cl. 369-45.000.
- Gerard, Jean-Louis: *See—*
  - Bricot, Claude; Gerard, Jean-Louis; and Audoin, Michel, 4,535,431, Cl. 369-44.000.
  - Bricot, Claude; Berthet, Pierre; Mertz, Bruno; and Gerard, Jean-Louis, 4,556,966, Cl. 369-52.000.
  - Bricot, Claude; Berthet, Pierre; and Gerard, Jean-Louis, 4,562,564, Cl. 369-44.000.
- Gerard, Roger E. J., to Marconi Company Limited, The. High power amplifier arrangements. 4,532,480, 7-30-85, Cl. 330-286.000.
- Gerard, William A., to Varian Associates, Inc. High resolution position sensing apparatus with linear variable differential transformers having phase-shifted energizing signals. 4,514,689, 4-30-85, Cl. 324-208.000.
- Gerard, William A.; and Foreman, Robert J., to Varian Associates, Inc. Altitude compensation for frequency agile magnetron. 4,527,094, 7-2-85, Cl. 315-39.550.
- Gerardi, John A.: *See—*
  - Chan, Shiu K.; Gerardi, John A.; and McGilvray, Bruce L., 4,513,367, Cl. 364-200.000.
- Gerarts, Wilhelm; Thielen, Gerd; and Derichs, Eberhard, to Derichs, Eberhard. Heat-exchanging roller. 4,498,527, 2-12-85, Cl. 165-89.000.
- Gerasimov, Vasily I.: *See—*
  - Abramov, Vsevolod V.; Kuznetsov, Vsevolod V.; Veselov, Alexandr V.; Tkhai, Vitaly S.; Rysin, Nikolai I.; and Gerasimov, Vasily I., 4,501,549, Cl. 425-542.000.
- GERB Gesellschaft fur Isolierung mbH & Co. KG: *See—*
  - Delam, Heinz, 4,533,109, Cl. 248-542.000.
- Gerbellot-Barrillon, Pierre, to Fabrications Automatiques Gerbelot. Articulator for the dental art. 4,509,919, 4-9-85, Cl. 433-57.000.
- Gerben, Ralph D.; and Walters, Harry J., to M. S. Willett, Inc. Motion multiplier apparatus. 4,532,820, 8-6-85, Cl. 74-56.000.
- Gerber, Arthur H., to Martin Marietta Corporation. Admixture and method for improving hydraulic cement mixes. 4,519,842, 5-28-85, Cl. 106-90.000.
- Gerber, Arthur M., to Polaroid Corporation. Optical data storage element. 4,510,232, 4-9-85, Cl. 430-494.000.
- Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, to BTC Diagnostics Limited Partnership. Enzyme immunoassay with two-part solution of tetramethylbenzidine as chromogen. 4,503,143, 3-5-85, Cl. 435-7.000.
- Gerber, Bego: *See—*
  - Jones, Wendy; and Gerber, Bego, 4,525,452, Cl. 435-7.000.
- Gerber, Bernard; and Fellrath, Jean, to Centre Electronique Horologer, S.A. Electrically reprogrammable non volatile memory cell floating gate EEPROM with tunneling to substrate region. 4,532,535, 7-30-85, Cl. 357-23.500.
- Gerber, Christoph E.: *See—*
  - Binnig, Gerd K.; and Gerber, Christoph E., 4,499,737, Cl. 62-56.000.
  - Binnig, Gerd K.; Gerber, Christoph E.; Rohrer, Heinrich; and Weibel, Edmund, 4,539,089, Cl. 204-192.00R.

Gerber, Curtis E. Fruit harvesting machine. 4,501,113, 2-26-85, Cl. 56-328.00R.
Gerber, David W., to Babcock & Wilcox Company, The. Swivel joint assembly. 4,561,680, 12-31-85, Cl. 285-98.000.
Gerber, Dennis H., to Burke Industries, Inc. Gas collecting tensioned reservoir cover. 4,503,988, 3-12-85, Cl. 220-219.000.
Gerber, Ernst W.: *See—*
  Young, William E.; Gerber, Ernst W.; and Pasco, William R., 4,502,906, Cl. 156-251.000.
Gerber Garment Technology, Inc.: *See—*
  Forrer, Robert E.; and Postier, Robert A., 4,514,246, Cl. 156-264.000.
  Gerber, Heinz J., 4,494,433, Cl. 83-374.000.
  Gerber, Heinz J., 4,528,878, Cl. 83-56.000.
  LeBlond, Claude W., 4,512,079, Cl. 33-1.00M.
  Leblond, Claude W., 4,524,894, Cl. 225-2.000.
  Pearl, David R., 4,542,672, Cl. 83-409.000.
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Gerber, Hans; Hidveghy, Ivan; Schaal, Gunter; Sturmer, Marian; Vogel, Eberhard; and Wessel, Claude, to Robert Bosch GmbH. Indicating arrangement for portable electric devices. 4,503,425, 3-5-85, Cl. 340-680.000.
Gerber, Hans-Adolf: *See—*
  Kramler, Josef; Kuhn-Kuhnenfeld, Franz; and Gerber, Hans-Adolf, 4,539,050, Cl. 148-1.500.
  Kuhn-Kuhnenfeld, Franz; Kramler, Josef; and Gerber, Hans-Adolf, 4,522,656, Cl. 148-1.500.
Gerber, Heinz; Adam, Klaus; and Horn, Heinz, to L. Schuler GmbH. Drawing device for presses with mechanically driven drawing ram. 4,499,750, 2-19-85, Cl. 72-351.000.
Gerber, Heinz J., to Gerber Garment Technology, Inc. Apparatus for working on sheet material and having movable vacuum chamber. 4,494,433, 1-22-85, Cl. 83-374.000.
Gerber, Heinz J., to Gerber Scientific Inc. Multi-color sign making method and layup. 4,512,839, 4-23-85, Cl. 156-248.000.
Gerber, Heinz J., to Gerber Garment Technology, Inc. Method and apparatus for holding sheet material on a sectioned vacuum bed. 4,528,878, 7-16-85, Cl. 83-56.000.
Gerber, Heinz J., to Gerber Scientific Inc. Computer generated mold for contoured garment piece formation. 4,558,420, 12-10-85, Cl. 364-476.000.
Gerber, Heinz J., to Gerber Scientific Inc. Making of garment by single ply cutting followed by successive sewing stages. 4,561,127, 12-31-85, Cl. 2-243.00R.
Gerber, Hermann; and Schmutz, Michel, to Sodeco-Saia AG. Rotational restriction lock for the rotor of a synchronous motor. 4,532,444, 7-30-85, Cl. 310-41.000.
Gerber, James A., to Invacare Corporation. Postural drainage bed. 4,546,764, 10-15-85, Cl. 128-33.000.
Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, to APX Group Inc. Flange weld technique. 4,500,030, 2-19-85, Cl. 228-125.000.
Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, to APX Group Inc. Welded tube and flange, e.g., for exhaust manifold. 4,545,605, 10-8-85, Cl. 285-189.000.
Gerber, James E.: *See—*
  Hall, James R.; Harter, Donald P.; Clegg, Michael W.; and Gerber, James E., 4,516,659, Cl. 181-243.000.
Gerber, Joseph R., Jr., to Gerber Legendary Blades. Concave grind knife blade and method of making. 4,495,698, 1-29-85, Cl. 30-357.000.
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  Collins, Walter W.; and Reinschreiber, Jonathan P., 4,541,556, Cl. 224-196.000.
  Collins, Walter W., 4,547,937, Cl. 24-607.000.
  Collins, Walter W., 4,558,516, Cl. 30-151.000.
  Gerber, Joseph R., Jr., 4,495,698, Cl. 30-357.000.
Gerber Products Company: *See—*
  Chrones, Anthony, 4,545,378, Cl. 128-360.000.
  Harter, Elton H.; and Villar, Federico F., 4,549,479, Cl. 99-625.000.
  Marion, Samuel, 4,506,928, Cl. 297-174.000.
  Rogers, William R.; and Liescheidt, Duane B., 4,545,125, Cl. 33-572.000.
  Spletzer, Barry; Swiatlowski, George J.; and Brandt, Maurice W., 4,523,377, Cl. 29-773.000.
  Spletzer, Barry L.; and Swiatlowski, George, 4,561,817, Cl. 414-119.000.
Gerber, Richard; and Trautwein, Dieter, to Robert Bosch GmbH. Automotive-type distributor rotor with built-in suppressor resistor. 4,562,317, 12-31-85, Cl. 200-19.0DR.
Gerber, Richard: *See—*
  Ehrmann, Karl; and Gerber, Richard, 4,538,564, Cl. 123-146.50A.
Gerber Scientific Inc.: *See—*
  Gerber, Heinz J., 4,512,839, Cl. 156-248.000.
  Gerber, Heinz J., 4,558,420, Cl. 364-476.000.
  Gerber, Heinz J., 4,561,127, Cl. 2-243.00R.
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  Pavone, Robert J., 4,553,951, Cl. 474-148.000.
Gerbert, Goran: *See—*
  Stieg, Richard F.; Dolan, John P.; Worley, W. Spencer; and Gerbert, Goran, 4,534,748, Cl. 474-17.000.
Gercama, Anne; and Schijf, Robert, to Lever Brothers Company. Margarine fat blend with a reduced tendency to sandiness. 4,501,764, 2-26-85, Cl. 426-607.000.
Gerdes, Donald F.; and Telchuk, Steve E., to Binks Manufacturing Company. Air washer for paint spray booth. 4,521,227, 6-4-85, Cl. 55-225.000.
Gerdes, Jerry D.: *See—*
  Healy, Mark; and Gerdes, Jerry D., 4,543,985, Cl. 137-505.250.
Gerding, Beverly J.; and Haller, Richard W. Adjustable needlework stand. 4,549,366, 10-29-85, Cl. 38-102.200.
Gere, Dennis R.: *See—*
  Poole, John S.; Gere, Dennis R.; Bell, Raymond J.; and Nickerson, Mark A., 4,500,432, Cl. 210-659.000.
Gere, Pal: *See—*
  Takacs, Istvan; Kerey, Gyorgy; Illes, Janos; Rudolf, Peter; Gere, Pal; Czebe, Laszlo; and Neszmelyi, Erzsebet, 4,518,771, Cl. 536-21.000.
Gereg, Gordon A. Variable stiffness tracheal tube. 4,498,473, 2-12-85, Cl. 128-207.150.
Geremia, Leo F., to Haydon Switch & Instrument, Inc. Rotary and/or push-pull wiping switch. 4,518,832, 5-21-85, Cl. 200-4.000.
Geren, George W.: *See—*
  Miles, Ronald C.; Geren, George W.; and Peel, R. W., 4,500,402, Cl. 204-242.000.
  Miles, Ronald C.; Geren, George W.; and Peel, R. W., 4,502,214, Cl. 29-859.000.
Gerety, Robert J.: *See—*
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  Tabor, Edward; and Gerety, Robert J., 4,547,368, Cl. 424-89.000.
Gerez, Jose C. C.; Gerez, Maria D. C. A.; and Miller, Joseph, to Industrias Villares S.A. Process and installation for obtaining ethanol by the continuous acid hydrolysis of cellulosic materials. 4,529,699, 7-16-85, Cl. 435-165.000.
Gerez, Maria D. C. A.: *See—*
  Gerez, Jose C. C.; Gerez, Maria D. C. A.; and Miller, Joseph, 4,529,699, Cl. 435-165.000.
Gerfen, Richard: *See—*
  Bianchi, John E.; Nichols, Richard D. E.; and Gerfen, Richard, 4,542,841, Cl. 224-193.000.
Gergely, Anthony J.; and Nichols, Ralph A., to Jungle Laboratories Corporation. Composition and method for removing chloramine from water containing same. 4,554,261, 11-19-85, Cl. 502-62.000.
Gergely, Gerhard. Apparatus for mixing and granulating powdery substances with a sifting device attached by means of a valve closure. 4,560,282, 12-24-85, Cl. 366-134.000.
Gergely, John S., to Conoco Inc. Apparatus and method for generating light in the near ultraviolet to infrared range. 4,538,278, 8-27-85, Cl. 372-70.000.
Gergely, John S.: *See—*
  Reust, Dennis K.; and Gergely, John S., 4,538,230, Cl. 364-433.000.
Gerger, Edward J.; and Gerger, Scott A. Grip-responsive operator alertness monitor. 4,540,979, 9-10-85, Cl. 340-576.000.
Gerger, Scott A.: *See—*
  Gerger, Edward J.; and Gerger, Scott A., 4,540,979, Cl. 340-576.000.
Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Solymossy, Bela, to Mecseki Szenbanyak. Explosive mine breaking apparatus with arc-suppressing heat-dissipating fluid around the charge bodies. 4,498,391, 2-12-85, Cl. 102-312.000.
Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Vida, Zoltan, to Gepipari Technologiai Intezet; and Szenbanyak, Mecseki. Method and equipment for boring and casing air vent holes and/or delivery holes in medium-steep and steep dip coal deposits and rocks of loose structure. 4,558,748, 12-17-85, Cl. 175-57.000.
Gergoe, Bela: *See—*
  Fiordellisi, Stephen J.; Gergoe, Bela; and Hamilton, John W., 4,544,189, Cl. 292-50.000.
Gerhaher, Franz: *See—*
  Gerhaher, Max; and Gerhaher, Franz, 4,546,577, Cl. 52-57.000.
Gerhaher, Max; and Gerhaher, Franz. Ridge tile. 4,546,577, 10-15-85, Cl. 52-57.000.
Gerhard Collardin GmbH: *See—*
  Mady, Raschad; Hanelt, Winand; Morlock, Roland; Geruhn, Dieter; Leyhe, Lutz; Meyer zu Bexten, Jobst H.; and Ricke, Franz, 4,497,668, Cl. 148-6.15Z.
Gerhard, Gregory J.; Gornstein, Robert J.; Graham, William M.; Patel, Anilbhai S.; Smith, John M.; and Vaughn, Wade C., to CooperVision, Inc. Haptic for intraocular lens. 4,502,162, 3-5-85, Cl. 3-13.000.
Gerhard, Gregory J.; and Graham, William M., to CooperVision, Inc. Surgical scalpel. 4,516,575, 5-14-85, Cl. 128-305.000.
Gerhard, Helmut, to Westerwalder Eisenwerk Gerhard GmbH. Freight container and corner fitting therefor. 4,505,402, 3-19-85, Cl. 220-1.500.
Gerhard, Helmut, to Westerwalder Eisenwerk Gerhard GmbH. Corner fitting for freight containers. 4,521,941, 6-11-85, Cl. 24-287.000.
Gerhard, Robert E., to Bank Constructors, Inc. Method of forming a prefabricated concrete panel. 4,506,428, 3-26-85, Cl. 29-446.000.
Gerhards, Hans-Dieter: *See—*
  Brauer, Hans; and Gerhards, Hans-Dieter, 4,512,173, Cl. 72-98.000.
Gerhards, Ludwig, to Clemens Gerhards Holzwarenfabrik KG. Beer mug. 4,555,034, 11-26-85, Cl. 215-100.00R.
Gerhardt, Gilbert C. Vertically stacked double pocket. 4,513,455, 4-30-85, Cl. 2-253.000.
Gerhardt, Gilbert C. Cap. 4,551,859, 11-12-85, Cl. 2-172.000.
Gerhardt, Glenn E.: *See—*
  Lagow, Richard J.; and Gerhardt, Glenn E., 4,523,039, Cl. 568-615.000.

Gerhardt, Hans-Joachim: *See—*
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  Hibbel, Josef; Gerhardus, Ulrich; Schmidt, Volkmar; Lieder, Bernhard; Scheve, Heinrich; and Zerres, Erwin, 4,541,840, Cl. 48-63.000.
  Langhoff, Joseph; Althoff, Erwin; Kolodzey, Wolfgang; and Gerhardus, Ulrich, 4,508,542, Cl. 48-77.000.
Gerhartz, Siegmar, to Barmag Barmer Maschinenfabrik AG. Method and apparatus for producing ribbon free wound yarn package. 4,504,024, 3-12-85, Cl. 242-18.100.
Gerharz, Reinhold, to United States of America, Army. Passive retroreflective doppler shift system. 4,517,569, 5-14-85, Cl. 343-18.00D.
Gerhold, Norman R., to Rohm and Haas Company. Herbicidal compositions of acifluorfen or salts thereof and citrates. 4,549,903, 10-29-85, Cl. 71-116.000.
Geri, Sergio; Moggi, Giovanni; and Lagana, Carlo, to Montedison S.p.A. Covulcanizable compositions from fluoroelastomers based on vinylidene fluoride and copolymers tetrafluoroethylene-propylene. 4,530,971, 7-23-85, Cl. 525-199.000.
Geria, Navin; and Shin, Chung T., to Bristol-Myers Company. Non-staining antiperspirant stick composition. 4,511,554, 4-16-85, Cl. 424-65.000.
Gerich, Horst. Liquid mixing and purging apparatus. 4,549,676, 10-29-85, Cl. 222-145.000.
Gericke AG: *See—*
  Gericke, Hermann; and Schavilje, Robert, 4,496,083, Cl. 222-231.000.
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Gerico, Inc.: *See—*
  Gebhard, Albert W., 4,492,263, Cl. 160-228.000.
Gerik, Bernard J.: *See—*
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Gerin, Merlin: *See—*
  Bouillez, Olivier; and Imbert, Michel, 4,532,392, Cl. 200-147.00R.
  Bouilliez, Olivier, 4,529,853, Cl. 200-147.00R.
  Mertz, Jean-Luc, 4,531,172, Cl. 361-13.000.
Gering, Julie. Tire breaker apparatus. 4,524,813, 6-25-85, Cl. 157-1.170.
Gerke, Dieter; Muller, Manfred; Zytowski, Peter; and Radelow, Wolfgang, to Krone GmbH. Connector block with solderless, non-screwed and stripping-free terminals having a polytropic air gap for terminating communication cables and dropwire cables. 4,541,682, 9-17-85, Cl. 339-111.000.
Gerke, Richard R.: *See—*
  George, Charles; and Gerke, Richard R., 4,557,763, Cl. 106-90.000.
Gerkema, Jan; Niessen, Anton K.; and Pelzer, Jozef B., to U.S. Philips Corporation. X-ray tube having a rotary anode. 4,562,587, 12-31-85, Cl. 378-133.000.
Gerken, Carl F., to American Standard Inc. Seal-actuating mechanism for a wall panel. 4,535,578, 8-20-85, Cl. 52-243.100.
Gerken, Donald L.: *See—*
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Gerkey, Kenneth S.: *See—*
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Gerking, Luder; and Panke, Gunter, to Karl Fischer Industrienlagen GmbH. Process for the continuous demonomerization and postcondensation of Polyamide 6 and device for carrying out this process. 4,540,774, 9-10-85, Cl. 528-502.000.
Gerlach, Ernst: *See—*
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  Iannelli, Frank M.; and James, David H., 4,518,104, Cl. 222-146.600.
Gerlach, Klaus; Lange, Wolfgang; and Loh, Dieter, to Akzo N.V. Process and an apparatus for enriching liquids with oxygen. 4,549,969, 10-29-85, Cl. 210-759.000.
Gerlach, Lawrence L.: *See—*
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Gerlach, LeRoy E.: *See—*
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Gerlach, Roland: *See—*
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Germain, Francois: *See—*
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German, Martin A.; and Volk, Joseph F., to Warner & Swasey Company, The. Grinding machine having improved dressing means. 4,510,716, 4-16-85, Cl. 51-5.00D.
Germanas, Dalia: *See—*
  Qualeatti, Gail M.; Rosen, Bruce I.; Arena, Blaise J.; and Germanas, Dalia, 4,524,225, Cl. 568-885.000.
Germania Dairy Automation, Inc.: *See—*
  Reisgies, Rolf W.; and Camren, Robert, 4,516,530, Cl. 119-14.080.
  Reisgies, Rolf W.; and Kvalo, Michael L., 4,548,161, Cl. 119-14.170.
Germann, Albrecht J., to De La Rue Giori S.A. Convertible, multicolor, rotary printing press. 4,509,424, 4-9-85, Cl. 101-177.000.
Germann, Albrecht J.: *See—*
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Germano, Carmen P.; and Davenport, John M., to General Electric Company. Alternating current driven piezoelectric latching relay and method of operation. 4,538,087, 8-27-85, Cl. 310-332.000.
Germano, Carmen P., to General Electric Company. Piezoelectric bimorph driven direct current latching relay. 4,553,061, 11-12-85, Cl. 310-332.000.
Germanton, Charles: *See—*
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Germanton, Damon; Germanton, Charles; and Weiss, Donald. Electronic thermometer and associated apparatus. 4,536,851, 8-20-85, Cl. 364-557.000.
Germer, Warren R.; and Palmer, Ansell W., to General Electric Company. Detachable magnetic coupler communication apparatus. 4,491,793, 1-1-85, Cl. 324-157.000.
Germond, Henry S., to Speed Cut, Inc. Hip, valley and jack rafter cutting apparatus. 4,545,274, 10-8-85, Cl. 83-486.100.
Germscheid, Hans-Gunther: *See—*
  Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.
  Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,548,729, Cl. 252-174.210.
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Gerns, Stanton T.: *See—*
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Gero, Gary: *See—*
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Geroh GmbH, Mechanische Systeme: *See—*
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Gerot, Guy J. C., to U.S. Philips Corporation. Method of transferring data in a television receiver. 4,535,362, 8-13-85, Cl. 358-194.100.
Gerr, Stanley, to Huxley, Mark T., a part interest. Sailboat having convertible rig. 4,506,620, 3-26-85, Cl. 114-102.000.
Gerrard Industries Limited: *See—*
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Gerretz, Josef; and Rehag, Klaus, to Mannesmann Demag Wean. Bearing construction of a crankshaft of a cold Pilger rolling mill, or the like. 4,547,082, 10-15-85, Cl. 384-278.000.
Gerretz, Richard: *See—*
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Gerry, Martin E. Bipolar magnetic pulse activated ignition system. 4,537,175, 8-27-85, Cl. 123-649.000.
Gerry, Martin E. Magnetic pulse timer. 4,552,119, 11-12-85, Cl. 123-617.000.
Gerry, Martin E. Ignition transformer with passive voltage and current multiplying means. 4,554,486, 11-19-85, Cl. 315-209.00R.
Gerry, Martin E. Resistive-capacitive ignition transmission cable. 4,558,392, 12-10-85, Cl. 361-253.000.
Gersbach, Klaus: *See—*
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  Klein, Klaus-Walter; Bocker, Jurgen; Glotz, Gerhard; and Gersbach, Klaus, 4,516,502, Cl. 102-523.000.
Gersch, Herbert M.; and Brown, Glenn W., to Garrett Corporation, The. Mold and method for casting of fragile and complex shapes. 4,556,528, 12-3-85, Cl. 264-221.000.
Gershenson, Meir, to Sperry Corporation. Asymmetric superconducting quantum interference device in a linear amplifier circuit. 4,509,018, 4-2-85, Cl. 330-61.00R.

Gershman, Leonard. Cat litter disposal housing. 4,522,150, 6-11-85, Cl. 119-1.000.

Gershoni, Johathan M.: *See—*

Davis, Fred E., III; and Gershoni, Johathan M., 4,541,910, Cl. 204-182.800.

Gershoni, Jonathan M., to Yale University. Transfer of macromolecules from a chromatographic substrate to an immobilizing matrix. 4,512,896, 4-23-85, Cl. 210-635.000.

Gerson, Fred B. Charcoal lighter device. 4,531,507, 7-30-85, Cl. 126-25.00B.

Gerson, Ira A., to Motorola, Inc. Method and means of determining coefficients for linear predictive coding. 4,544,919, 10-1-85, Cl. 340-347.000.

Gerson, Philips: *See—*

Van Der Ploeg, Arie; Jansen, Wim; and Gerson, Philips, 4,501,255, Cl. 123-557.000.

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Gerstenberger, Roland W. Method and apparatus for rolling mats. 4,542,859, 9-24-85, Cl. 242-67.200.

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Gerster, John F., to Riker Laboratories, Inc. Substituted pyridoquinoxaline-6-carboxylic acids and derivatives thereof. 4,499,270, 2-12-85, Cl. 544-344.000.

Gerstmann, Joseph; Hauck, William M.; Raymond, Robert; and Swenson, Paul F., Jr., to Consolidated Natural Gas Service Company, Inc. On-board automotive methane compressor. 4,501,253, 2-26-85, Cl. 123-527.000.

Gerstmann, Joseph; and Vasilakis, Andrew D., to Gas Research Institute. Combustion product condensing water heater. 4,502,626, 3-5-85, Cl. 236-20.00R.

Gerteisen, Steven R.; Wenger, Richard M.; and Cannavo, Glenn M., to Plastic Specialties and Technologies, Inc. Stainless steel fiber-thermosplastic granules and molded articles therefrom. 4,500,595, 2-19-85, Cl. 428-294.000.

Gerth, Christian: *See—*

Droescher, Michael; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, 4,550,148, Cl. 525-440.000.

Droescher, Michael; Mumcu, Salih; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, 4,555,550, Cl. 525-424.000.

Droscher, Michael; Gerth, Christian; and Burzin, Klaus, 4,521,554, Cl. 523-522.000.

Gerth, Hans-Heinrich: *See—*

Forssmann, Bernd; Gerth, Hans-Heinrich; Zech, Hendrik; and Chaussy, Christian, 4,552,348, Cl. 269-324.000.

Gertiser, Kevin M., to General Motors Corporation. Closed loop lean air/fuel ratio controller. 4,509,484, 4-9-85, Cl. 123-436.000.

Gertsch, Ulrich, to TMC Corporation. Release type ski binding. 4,505,494, 3-19-85, Cl. 280-618.000.

Gertsch, Ulrich, to TMC Corporation. Toe mechanism for a safety ski binding. 4,533,156, 8-6-85, Cl. 280-629.000.

Gertsek, Marina: *See—*

Tarsia, Joseph; Ross, Alexander S.; and Gertsek, Marina, 4,497,574, Cl. 355-76.000.

Geruhn, Dieter: *See—*

Mady, Raschad; Hanelt, Winand; Morlock, Roland; Geruhn, Dieter; Leyhe, Lutz; Meyer zu Bexten, Jobst H.; and Ricke, Franz, 4,497,668, Cl. 148-6.15Z.

Gervais, Alain; Vermeire, Daniel; Cerf, Olivier; and Toux, Jacques, to Institut National de la Recherche Agronomique. Process and apparatus for measuring rheological properties of semi-solid bodies by harmonic shear in rotation. 4,535,621, 8-20-85, Cl. 73-59.000.

Gervais, Edouard; and Levert, Henri, to Noranda Inc. Process for minimizing foam formation during free falling of molten metal into moulds, launders or other containers. 4,549,598, 10-29-85, Cl. 164-66.100.

Gervais, William J., to Rosstream Research Assoc. Ltd. Magnetic tape reel write protect mechanism. 4,535,370, 8-13-85, Cl. 360-60.000.

Gervais, William J.: *See—*

Dunstan, Ericson M.; Gervais, William J.; and McClelland, S. Barry, 4,523,240, Cl. 360-99.000.

Gervasio, Gregorio C., to Colgate-Palmolive Company. Sodium higher fatty alkyl sulfate detergent laundry bars and process for manufacture thereof. 4,543,204, 9-24-85, Cl. 252-531.000.

Gervasio, Vincenzo; and Dinelli, Dino, to Snamprogetti S.p.A. Exploitation of wind energy for producing electrical power. 4,513,206, 4-23-85, Cl. 290-4.00C.

Gervasio, Vincenzo; and Rossi, Antonio, to Snamprogetti S.p.A. Method for utilizing wind energy for autonomous electricity production. 4,556,801, 12-3-85, Cl. 290-44.000.

Gerwick, B. Clifford, III: *See—*

Malhotra, Sudarshan K.; and Gerwick, B. Clifford, III, 4,547,218, Cl. 71-94.000.

Rogers, Richard B.; and Gerwick, B. Clifford, III, 4,550,192, Cl. 560-62.000.

Gerwin, Harry L. Control system for heliostats and method. 4,519,382, 5-28-85, Cl. 126-425.000.

Gerwin, Jeffrey A., to Gerwin, Jeffrey A. Twin hull disassemblable rowboat. 4,557,210, 12-10-85, Cl. 114-56.000.

Gery, Alan R. Three-dimensional fiber optic display. 4,525,711, 6-25-85, Cl. 340-815.310.

Gery, Daniel E.: *See—*

Fraignier, Bernard; and Gery, Daniel E., 4,550,617, Cl. 73-862.040.

Gerzberg, Levy: *See—*

Fu, Chong-Cheng; and Gerzberg, Levy, 4,519,260, Cl. 73-861.250.

Geschka, Hugo-Werner, to E. Blum GmbH & Co. Stepped iron core for static or dynamic electric machines. 4,496,925, 1-29-85, Cl. 336-178.000.

Geschka, Hugo-Werner, to E. Blum GmbH & Co. Electric machine, such as transformer choke, constant-voltage regulator or the like. 4,518,942, 5-21-85, Cl. 336-178.000.

Geschonke, Hans: *See—*

Kreilein, Kurt; Geschonke, Hans; Rummel, Wolfgang; and Wiemer, Hardo, 4,528,337, Cl. 526-70.000.

Geschwender, Robert C., to New Products I, Ltd. Tray with folding legs. 4,557,200, 12-10-85, Cl. 108-132.000.

Gesell, Elmer G.: *See—*

West, James C.; and Gesell, Elmer G., 4,550,762, Cl. 164-98.000.

Gesell, Reinhard: *See—*

Dinse, Wolfgang; Balzeit, Ralf; and Gesell, Reinhard, 4,492,984, Cl. 358-289.000.

Gesellchen, Paul D.; and Shuman, Robert T., to Eli Lilly and Company. Pharmacologically active peptides. 4,510,082, 4-9-85, Cl. 260-112.50R.

Gesellschaft fur Hydraulik-Zubehor mbH: *See—*

Peter, Gunter, 4,547,637, Cl. 200-82.00R.

Gesellschaft fur Schwerionenforschung mbH Darmstadt: *See—*

Keller, Roderich; and Nohmayer, Fritz, 4,562,355, Cl. 250-423.00R.

Gesellschaft fur Strahlen- und Umweltforschung mbH: *See—*

Eisert, Wolfgang; and Beisker, Wolfgang, 4,548,499, Cl. 356-318.000.

Gesellschaft fur Strahlen- und Umweltforschung mbH, Munchen: *See—*

Kuhn, Wilhelm; and Bunnenberg, Claus, 4,553,087, Cl. 324-65.00P.

Gesellschaft zur Forderung der Industrieorientierten Forschung an den Schweizerischen Hochschulen und weiteren Institutionen: *See—*

Hanulik, Jozef, 4,508,641, Cl. 252-626.000.

Geshuri Laboratories Ltd.: *See—*

Bakel, Izhak, 4,507,250, Cl. 260-502.50F.

Gesicki, Aaron A.: *See—*

Bostater, Joseph A.; MacGregor, Angus J.; and Gesicki, Aaron A., 4,493,359, Cl. 164-58.100.

Gesing, Adam J.; and Dewing, Ernest W., to Alcan International Limited. Electrolytic reduction cells. 4,495,047, 1-22-85, Cl. 204-245.000.

Gesing, Adam J.; and Stratford, Graham, to Alcan International Limited. Shaped refractory metal boride articles and method of making them. 4,500,643, 2-19-85, Cl. 501-96.000.

Gesing, Adam J.; McIntyre, John; Vandermeulen, Meine; Cambridge, Edward L.; and Rogers, Charles J., to Alcan International Limited. Electrolytic reduction cells. 4,551,218, 11-5-85, Cl. 204-240.000.

Gesinski, Leonard T.: *See—*

Ferlan, Stephen J.; and Gesinski, Leonard T., 4,514,889, Cl. 29-229.000.

GESIPA Blindniettechnik Gesellschaft mit beschrankter Haftung: *See—*

Klein, Gunter, 4,515,005, Cl. 72-391.000.

Geskin, Ernest S. Method of heating, melting and coal conversion and apparatus for the same. 4,561,886, 12-31-85, Cl. 75-51.200.

Gess, Jerome M.: *See—*

Harding, Margot J.; Gaines, Robert C.; and Gess, Jerome M., 4,505,775, Cl. 162-9.000.

Gessel, James M.; Kunz, Gary L.; and Scheidenhelm, E. Louis, to Hart-Carter Company. Harvester reel pickup tine. 4,520,620, 6-4-85, Cl. 56-400.000.

Gessell, Donald E.; Gibbs, Ronald L.; and Fuentes, Ricardo, Jr., to Dow Chemical Company, The. Catalyst prepared from organo-magnesium compound; oxygen- or nitrogen-containing compound; halide source; transition metal compound and reducing agent. 4,496,660, 1-29-85, Cl. 502-111.000.

Gessell, Donald E., to Du Pont de Nemours, E. I., and Company. High efficiency catalysts for varying olefin polymer molecular weight distribution. 4,511,669, 4-16-85, Cl. 502-110.000.

Gessell, Donald E., to Du Pont de Nemours, E. I., and Company. Hydrocarbon soluble catalyst supports and resultant polymerization catalysts. 4,518,706, 5-21-85, Cl. 502-104.000.

Gesser, Hyman D. Abatement of indoor pollutants. 4,547,350, 10-15-85, Cl. 423-210.000.

Gessler, Hans, to Schwabische Huttenwerke GmbH. Storage silo for difficultly flowing bulk material. 4,531,876, 7-30-85, Cl. 414-325.000.

Gessler, Joseph F.: *See—*

Brander, Rita W.; Raap, Teresa A.; and Gessler, Joseph F., 4,556,569, Cl. 426-104.000.

Gessman, Lawrence J. Method and apparatus for differentiating antegrade from retrograde P-waves and for preventing pacemaker generated tachycardia. 4,543,963, 10-1-85, Cl. 128-702.000.

Gest, William E., to General Motors Corporation. Engine air cleaner and duct arrangement. 4,548,166, 10-22-85, Cl. 123-52.00M.

Gesten, Jeffrey. Keyboard dust cover having integral copyholder. 4,546,947, 10-15-85, Cl. 248-442.200.

Gestetner, David G. Holding element for sheets of paper and similar materials. 4,544,298, 10-1-85, Cl. 402-19.000.

- Gestetner, Jonathan; Green, Cyril; and Hanrahan, Thomas, to Gestetner Manufacturing Limited. Duplicating stencil. 4,535,690, 8-20-85, Cl. 101-127.000.
- Gestetner Manufacturing Limited: *See—*
  - Davidson, Lewis; Lees, Brian; and Lytra, Eric K., 4,515,077, Cl. 101-127.000.
  - Gestetner, Jonathan; Green, Cyril; and Hanrahan, Thomas, 4,535,690, Cl. 101-127.000.
- Gesthuysen, Hans-Dieter: *See—*
  - Buck, Robert; Friedrich, Michael B.; Gesthuysen, Hans-Dieter; and Marhofer, Gerd, 4,525,699, Cl. 340-512.000.
  - Buck, Robert; Marhofer, Gerd; and Gesthuysen, Hans-Dieter, 4,543,566, Cl. 340-512.000.
- GESTRA Kondensatableiter GmbH & Co.: *See—*
  - Foller, Werner, 4,561,588, Cl. 236-59.000.
- Getgey, William F.: *See—*
  - Laux, Keith R.; and Getgey, William F., 4,506,894, Cl. 273-425.000.
- Gething, Frank; and Glenn, Edward P., to Kraft, Inc. Method and apparatus for hydroponic farming. 4,513,533, 4-30-85, Cl. 47-63.000.
- Getoor, Richard C.: *See—*
  - Alexander, Robert L.; Getoor, Richard C.; and Reinersman, Dennis J., 4,549,473, Cl. 98-67.000.
- Getrag Getriebe- und Zahnradfabrik GmbH: *See—*
  - Knodel, Gunter, 4,561,532, Cl. 192-106.100.
- Getronics AB: *See—*
  - Wiklund, Klas R.; and Ericsson, Lars A., 4,521,973, Cl. 33-366.000.
- Getson, John C.: *See—*
  - Streusand, Marie J.; Getson, John C.; and McAfee, Richard C., 4,544,696, Cl. 524-428.000.
- Gettert, Hans: *See—*
  - Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, 4,507,274, Cl. 423-573.00R.
  - Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, 4,521,387, Cl. 423-210.000.
- Gettig, William A.; and Fetterolf, Gerald S. Hypodermic cartridge. 4,534,763, 8-13-85, Cl. 604-239.000.
- Gettleman, Lawrence; Farris, Charles L.; Rawls, H. Ralph; and LeBouef, Ralph J., Jr., to Gulf South Research Institute. Soft and firm denture liner for a composite denture and method for fabricating. 4,543,379, 9-24-85, Cl. 523-120.000.
- Getto, Leslie: *See—*
  - Matzkin, Harry; and Getto, Leslie, 4,505,504, Cl. 292-337.000.
- Getto, Robert D.: *See—*
  - Rowland, Nelson; and Getto, Robert D., 4,516,677, Cl. 206-394.000.
- Getty Oil Company: *See—*
  - DeBons, Francis E.; Whittington, Lawrence E.; and Pedersen, Larry D., 4,548,721, Cl. 252-8.55D.
  - Erickson, Charles D., 4,512,188, Cl. 73-198.000.
  - Friedman, Robert H., 4,512,407, Cl. 166-295.000.
  - Friedman, Robert H.; and Eakin, Bertram E., 4,539,093, Cl. 208-8.0LE.
  - Mason, Peter G.; Wicks, Frank D.; and Gathje, John C., 4,552,589, Cl. 75-105.000.
  - Sigwardt, Peter L., 4,512,187, Cl. 73-198.000.
- Getty Synthetic Fuels, Inc.: *See—*
  - Florence, Henry S., Jr., 4,504,171, Cl. 405-154.000.
  - Jenkins, Richard L.; Pettus, John A.; and Abner, David K., 4,521,225, Cl. 55-18.000.
- Getz, Edward H.; and Knoop, Donald E., to Whirlpool Corporation. Automatic temperature control for automatic washers. 4,528,709, 7-16-85, Cl. 8-158.000.
- Getz, Edward J.; and Lombardi, Gerald T., to North American Philips Electric Corp. Lamp bulb carton, and resulting lamp bulb package. 4,498,580, 2-12-85, Cl. 206-418.000.
- Getz, Marlyn F., to Cabot Corporation. Method for improving handling properties of a flaked tantalum powder composition. 4,555,268, 11-26-85, Cl. 75-229.000.
- Getz, Marvin G.: *See—*
  - Balzer, David J.; Dennison, Thomas M.; Getz, Marvin G.; and Oestmann, Eldon D., 4,514,014, Cl. 305-10.000.
- Getz, Stephen; and Fouser, William, to International Telephone and Telegraph Corporation. Combination tool. 4,551,875, 11-12-85, Cl. 7-138.000.
- Getzin, Allan R., to Allis-Chalmers Corporation. Electrode rapping arrangement. 4,526,591, 7-2-85, Cl. 55-112.000.
- Geurts, Jan V. M., to U.S. Philips Corporation. Rotatable electrical coupling. 4,557,536, 12-10-85, Cl. 339-8.00P.
- Geurts, Martinus F. A. M., to U.S. Philips Corporation. Tuning circuit with frequency synthesizer using d/a converter. 4,533,880, 8-6-85, Cl. 331-1.00A.
- Geurtsen, Friedrich H. H.; Anemaet, John M.; Smith, Donald R.; and Boyd, Mary G., to Dennison Manufacturing Company. Heat transferable laminate. 4,555,436, 11-26-85, Cl. 428-200.000.
- Geus, John W.; and de Jong, Krijn P., to Nederlandse Organisatie voor Zuiver-Wetenschappellik Ondebzoek (ZWO). Silver catalyst and a method for the preparation thereof. 4,548,921, 10-22-85, Cl. 502-330.000.
- Geus, John W.: *See—*
  - van der Wal, Willem J. J.; and Geus, John W., 4,552,750, Cl. 423-656.000.
- Gevatter, Hans-Jurgen; Muller, Bernhard; and Neese, Hans-Joachim, to Doduco KG Dr. Eugen Durrwachter. Process of manufacturing strip coated with precious metal as a semifinished product for making electric contacts. 4,521,257, 6-4-85, Cl. 148-11.50Q.
- Geweniger, Karl-Otto. Processing plant for treating hides, skins, pieces of leather and the like. 4,559,793, 12-24-85, Cl. 69-33.000.
- Gewerkschaft Eisenhutte Westfalia: *See—*
  - Becker, Kunibert; Kirchbrucher, Rudiger; and Pohlmann, Klaus D., 4,518,284, Cl. 405-296.000.
  - Becker, Kunibert; Elsner, Burckhardt; and Kirchbrucher, Rudiger, 4,526,495, Cl. 405-299.000.
  - Breuer, Oswald; Hesse, Norbert; and Steinkuhl, Bernd, 4,548,444, Cl. 299-34.000.
  - Follert, Hans G.; Rzepka, Herbert; and Schwert, Martin, 4,556,256, Cl. 299-33.000.
  - Golla, Franz, 4,514,873, Cl. 15-306.00B.
  - Hauschopp, Alois, 4,505,518, Cl. 299-34.000.
  - Hauschopp, Alois, 4,561,697, Cl. 299-43.000.
  - Hessel, Heinz; and Plester, Karl Heinz, 4,523,512, Cl. 91-168.000.
  - Kerklies, Bodo, 4,512,459, Cl. 198-729.000.
  - Merten, Gerhard; Breuer, Oswald; Hesse, Norbert; and Steinkuhl, Bernd, 4,557,525, Cl. 299-93.000.
  - Plester, Karl-Heinz; Reddig, Klaus-Dieter; and Hessel, Heinz, 4,549,469, Cl. 92-5.00R.
  - Roling, Franz; and Schoop, Gunther D., 4,501,577, Cl. 474-155.000.
  - Roling, Franz, 4,509,799, Cl. 299-42.000.
  - Schlusener, Horst; and Hesse, Norbert, 4,492,410, Cl. 299-43.000.
  - Schulze, Hans-Horst; Loweg, Heribert; and Schneider, Karl-Heinz, 4,501,044, Cl. 15-312.00R.
  - Strunck, Theo; and Fricke, Erich, 4,557,808, Cl. 204-29.000.
  - Temme, Helmut, 4,505,379, Cl. 198-731.000.
  - Trumper, Thomas; Schoop, Gunther-Dietmar; Borgschulte, Fritz; and Krummnack, Friedrich, 4,515,410, Cl. 299-43.000.
  - Unger, Eberhart; and Heitkamp, Herbert, 4,558,629, Cl. 91-29.000.
  - Weirich, Walter, 4,493,340, Cl. 137-594.000.
  - Weirich, Walter; Melis, Jurgen; and Wollenhaupt, Peter, 4,534,584, Cl. 285-24.000.
  - Weirich, Walter; and Dettmers, Michael, 4,534,681, Cl. 405-294.000.
  - Weirich, Walter; and Peters, Bernd, 4,536,017, Cl. 285-26.000.
  - Weirich, Walter; and Dettmers, Michael, 4,537,221, Cl. 137-637.200.
  - Weirich, Walter; and Peters, Bernd, 4,544,185, Cl. 285-137.00R.
  - Weirich, Walter, 4,552,487, Cl. 405-295.000.
- Gewerkschaft Sophia-Jacoba: *See—*
  - Buss, Dietrich; Brucher, Klaus; and Wenz, Wilhelm, 4,507,075, Cl. 431-115.000.
- Geyer, Christoph; and Baader, Bernd, to Geyer-Werke GmbH. Method for transferring optically produced picture records to a magnetic record support and apparatus for performing the method. 4,528,570, 7-9-85, Cl. 346-74.200.
- Geyer, Frederick F., to Eastman Kodak Company. Optical write/read unit with selective-transparency cover. 4,561,086, 12-24-85, Cl. 369-100.000.
- Geyer, Frederick F.: *See—*
  - Chandler, Jasper S.; and Geyer, Frederick F., 4,536,869, Cl. 369-287.000.
- Geyer, Otto-Christian: *See—*
  - Wingler, Frank; Waniczek, Helmut; and Geyer, Otto-Christian, 4,533,397, Cl. 106-181.000.
- Geyer, Roger D.: *See—*
  - Peacock, Bobbie D.; Mushovic, John N.; and Geyer, Roger D., 4,534,225, Cl. 73-860.000.
- Geyer-Werke GmbH: *See—*
  - Geyer, Christoph; and Baader, Bernd, 4,528,570, Cl. 346-74.200.
- Geyer, Willi: *See—*
  - Forster, Alfred; Geyer, Willi; and Kober, Leo, 4,518,196, Cl. 296-204.000.
- Geyken, Erwin: *See—*
  - Becherer, Walter; Geyken, Erwin; Jelinek, Nikolaus; and Lechner, Franz, 4,494,706, Cl. 242-65.000.
- Geyler, Arthur H., Jr.; and Teach, Ted L., to Spectra-Physics, Inc. Four-way valve with internal pilot. 4,526,201, 7-2-85, Cl. 137-625.630.
- Geze GmbH: *See—*
  - Bogner, Martin; and Scheck, Georg, 4,529,218, Cl. 280-632.000.
  - Scheck, Georg; and Bogner, Martin, 4,516,792, Cl. 280-625.000.
  - Storandt, Ralf; and Mettenleiter, Karl, 4,536,916, Cl. 16-48.500.
- GfE Gesellschaft fur Elektrometallurgie mbH: *See—*
  - Bauer, Gunter; and Eckert, Joachim, 4,512,958, Cl. 423-55.000.
- Gfeller, Karl; and Datwyler, Peter, to Sinar AG Schaffhausen. Device for a photographic camera. 4,523,824, 6-18-85, Cl. 354-161.000.
- GfK Gesellschaft fur Kohleverflussigung mbH: *See—*
  - Wurfel, Helmut, 4,492,623, Cl. 208-10.000.
- GFM Gesellschaft fur Fertigungstechnik und Maschinenbau Gesellschaft m.b.H.: *See—*
  - Blaimschein, Gottfried, 4,494,280, Cl. 29-6.000.
  - Blaimschein, Gottfried; and Marzy, Otto, 4,525,112, Cl. 409-199.000.
  - Kirchberger, Peter, 4,551,043, Cl. 407-43.000.
  - Kralowetz, Bruno, 4,497,195, Cl. 72-402.000.
- GFO Gesellschaft Fer Oberflachentechnik mbH: *See—*
  - Breuninger, Axel; Pollmann, Richard; and Scheyrer, Peter, 4,503,094, Cl. 427-250.000.
- Gfrerer, Manfred, to Siemens Aktiengesellschaft. Assembly for controlling the positioning of coke oven operating machines. 4,557,805, 12-10-85, Cl. 202-270.000.
- Gg. Noell GmbH: *See—*
  - Krieger, Friedrich, 4,496,182, Cl. 294-81.00R.
  - Krieger, Friedrich; and Klemm, Norbert, 4,502,245, Cl. 49-193.000.
  - Schafer, Hans; and Gaschler, Michael, 4,492,087, Cl. 62-45.000.

GH Hensley Industries, Inc.: *See—*
- Hemphill, Charles W., 4,516,339, Cl. 37-141.00R.

GH TTE: *See—*
- Heilhecker, Joseph K.; and Byrne, James E., 4,522,450, Cl. 303-9.000.

Ghaem-Maghami, Sanjar; and Ehlers, Raymond G., to General Electric Company. Temperature compensation for TV projection lens and CRT assembly. 4,525,745, 6-25-85, Cl. 358-237.000.

Ghafari, Joseph; and Land, Herbert K., III. Cosmetic orthodontic device. 4,527,975, 7-9-85, Cl. 433-8.000.

Gharachorloo, Nader. On-line character recognition using closed-loop detector. 4,495,646, 1-22-85, Cl. 382-13.000.

Gharadjedaghi, Fereydoun; and Guyenet, Jean-Francois, to Asulab S.A. Electro-optical display device of point matrix type. 4,545,649, 10-8-85, Cl. 350-356.000.

GHD-Dwyer (WA) Pty. Ltd.: *See—*
- Phillips, John T., 4,541,752, Cl. 405-129.000.

Ghebrid, Faycal: *See—*
- Marshall, Lloyd B.; and Ghebrid, Faycal, 4,550,935, Cl. 285-18.000.

Gheewala, Tushar R.; and Kaplan, Steven B., to International Business Machines Corporation. Soliton sampler. 4,533,840, 8-6-85, Cl. 307-306.000.

Ghelardoni, Mario: *See—*
- Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, 4,503,075, Cl. 514-622.000.
- Pestellini, Vittorio; Ghelardoni, Mario; Giolitti, Alessandro; Volterra, Giovanna; Furio, Martino; and Meli, Alberto, 4,551,451, Cl. 514-217.000.

Ghelli, Giovanni; and Barbon, Alessandro, to Luigi Stoppani S.p.A. Tanning material containing basic chromic sulfate and mercaptoacetic acid. 4,497,634, 2-5-85, Cl. 8-94.260.

Ghenassia, Elie: *See—*
- Bernard, Michel; Balde, Daniel; Ghenassia, Elie; and Laumain, Francois, 4,499,222, Cl. 524-123.000.

Gheorghe, Olaru, to Institutul de Cercetari Pentru Industria Electro-Tehnica-Icpe. Ferromagnetic core disk armature with bar windings. 4,501,986, 2-26-85, Cl. 310-268.000.

Gheri, Aime A., to Exxon Nuclear Company, Inc. Spherical nuclear fuel loading system. 4,495,146, 1-22-85, Cl. 376-261.000.

Ghering, Walter L.; and Thompson, William L., to Babcock & Wilcox Company, The. Pulverized coal relative distribution meter. 4,512,200, 4-23-85, Cl. 73-861.040.

Ghestem, Gerard, to Fives-Cail Babcock. Heat exchanger for thermally treating a pulverulent material. 4,521,978, 6-11-85, Cl. 34-57.00R.

Ghezel-Ayagh, Hossein G.: *See—*
- Baker, Bernard S.; and Ghezel-Ayagh, Hossein G., 4,532,192, Cl. 429-19.000.

Ghezzo, Mario: *See—*
- Cohen, Simon S.; and Ghezzo, Mario, 4,528,582, Cl. 357-51.000.

Ghibaudo, Eduardo J.: *See—*
- Ghibaudo, Jose A.; and Ghibaudo, Eduardo J., 4,552,500, Cl. 414-408.000.

Ghibaudo, Jose A.; and Ghibaudo, Eduardo J. Refuse hauling and storage apparatus. 4,552,500, 11-12-85, Cl. 414-408.000.

Ghinamo, Leonardo, to Bottero S.p.A. Device for automatic marking out and dividing up of a flat sheet of glass which can be positioned upstream of a sheet cutting line. 4,519,139, 5-28-85, Cl. 33-32.00C.

Ghisalba, Oreste; Heinzer, Franz; and Kuenzi, Martin, to Ciba-Geigy Corporation. Microorganisms of the genus Hyphomicrobium and process for degrading compounds which contain methyl groups in aqueous solutions. 4,492,756, 1-8-85, Cl. 435-253.000.

Ghiste, Patrick D. L.: *See—*
- Gaisch, Helmut; Ghiste, Patrick D. L.; and Schulthess, Dieter, 4,537,204, Cl. 131-274.000.

Gholson, Norman H., to United States of America, Navy. Controller for a locked carrier distributed multiplexed telemetry system. 4,494,115, 1-15-85, Cl. 340-825.650.

Ghoneim, Salah. Waste gas collection device. 4,526,350, 7-2-85, Cl. 266-159.000.

Ghosh, Atish; and Pasierb, John, to Bally Manufacturing Corporation. Prioritized overlay of foreground objects line buffer system for a video display system. 4,498,079, 2-5-85, Cl. 340-725.000.

Ghosh, Chuni L., to International Telephone and Telegraph Corporation. Method of fabricating sub-half-micron-size gates on semiconductor substrates. 4,525,448, 6-25-85, Cl. 430-314.000.

Ghosh, Hitendra; Murgai, Ashok; and Westdorp, Wolfgang A., to International Business Machines Corporation. Method of controlling oxygen content and distribution in grown silicon crystals. 4,511,428, 4-16-85, Cl. 156-601.000.

Ghoshtagore, Rathindra N.: *See—*
- Gigante, Joseph R.; and Ghoshtagore, Rathindra N., 4,532,702, Cl. 29-578.000.

Ghougasian, John N. Re-register anchors for film sheet. 4,527,889, 7-9-85, Cl. 355-77.000.

Ghrist, William D., III, to Westinghouse Electric Corp. Steam turbine valve test system. 4,512,185, 4-23-85, Cl. 73-118.000.

GHT Gesellschaft fur Hochtemperaturreaktor-Technik mbH: *See—*
- Ullrich, Manfred; Reutler, Herbert; and Schepers, Hubert, 4,545,954, Cl. 376-220.000.

Ghyczy, Miklos; Imberge, Paul-Robert; and Wendel, Armin, to A. Wattermann & Cie GmbH. Process for the spray application of plant protective spray mixtures and packing units for concentrates. 4,506,831, 3-26-85, Cl. 239-10.000.

Ghyczy, Miklos; Erdos, Adorjan; Heidemann, Gunter; and Ritzmann, Gotz, to A. Natterman & Cie GmbH. Inflammation-preventing pharmaceutical composition of oral administration. 4,528,193, 7-9-85, Cl. 514-78.000.

Giachetti, Antonio: *See—*
- Bietti, Giuseppe; Cereda, Enzo; Donetti, Arturo; del Soldato, Piero; Giachetti, Antonio; and Micheletti, Rosamaria, 4,548,944, Cl. 514-363.000.
- Engel, Wolfhard; Trummlitz, Gunter; Eberlein, Wolfgang; Mihm, Gerhard; Schmidt, Gunther; Hammer, Rudolf; and Giachetti, Antonio, 4,550,107, Cl. 514-220.000.

Giachetti, Ettore: *See—*
- Mayr, Adolfe; Susa, Ermanno; Leccese, Antonio; Davoli, Velmore; and Giachetti, Ettore, 4,544,717, Cl. 526-125.000.
- Mayr, Adolfo; Susa, Ermanno; and Giachetti, Ettore, 4,495,338, Cl. 526-125.000.
- Mayr, Adolfo; Giannini, Umberto; Susa, Ermanno; Longi, Paolo; Giachetti, Ettore; and DeLuca, Domenico, 4,542,198, Cl. 526-125.000.

Giachetti, Franco. Apparatus for loading and replacing piece goods, capable of being coupled to spreading machines. 4,541,522, 9-17-85, Cl. 198-465.100.

Giacobbe, Thomas J.; Williams, Thomas N., Jr.; and Horn, James M., to Rhone-Poulenc, Inc. Solvent and catalyst recovery and recycle in the manufacture of phenoxybenzoic acid derivatives. 4,503,245, 3-5-85, Cl. 562-414.000.

Giacobbi, Peter D.: *See—*
- Williams, Kenneth R.; McClaran, Mark R.; and Giacobbi, Peter D., 4,491,145, Cl. 137-312.000.

Giacoletto, Lawrence J., to Heiser, Carol G., a part interest. Homopolar alternator electromechanical power conversion machine. 4,499,392, 2-12-85, Cl. 310-178.000.

Giacomel, Jeffrey A., to LTV Aerospace and Defense Company. Composite matrix with oriented whiskers. 4,560,603, 12-24-85, Cl. 428-86.000.

Giacomello, Giacomo G. Metal tape transducer for the micrometric measurement linear quantities. 4,541,181, 9-17-85, Cl. 33-125.00C.

Giacometti, Alberto M.; and Newsome, George W., to U.S. Philips Corporation. Fault location arrangement for digital optical transmission system. 4,534,064, 8-6-85, Cl. 455-601.000.

Giacomini, Gian F., to Applied Power Inc. Method and apparatus for measuring deviations in vehicle bodies or frames. 4,523,384, 6-18-85, Cl. 33-180.0AT.

Giacone, Joseph: *See—*
- Kramer, Franklin; Bruins, Henderikus B.; Giacone, Joseph; and Carbillet, Luc L., 4,555,407, Cl. 426-5.000.

Giacopelli, James N.; McElroy, James D.; and Taylor, Thomas M., to AT&T Bell Laboratories. Stored program power control system for improving energy efficiency for telephone sets connected into a local telephone communications system. 4,539,437, 9-3-85, Cl. 179-18.0ES.

Giaever, Ivar; and Keese, Charles R., to General Electric Company; and International Foundation for Cancer Research, a part interest to each. Cell growth on liquid-liquid interfaces. 4,514,500, 4-30-85, Cl. 435-241.000.

Giaimo, Anthony; Larsen, Robert H.; and Rodda, Donald, to Singer Company, The. Thread tensioning device for a sewing machine. 4,545,311, 10-8-85, Cl. 112-254.000.

Gialanella, Joseph: *See—*
- Canfield, Douglas M.; and Gialanella, Joseph, 4,531,047, Cl. 219-354.000.

Giallombardo, John M. Tumbler toy. 4,557,701, 12-10-85, Cl. 446-170.000.

Giallorenzi, Thomas G.; Sheem, Sang K.; and Taylor, Henry F. Fiber optic interferometer using two wavelengths or variable wavelength. 4,552,457, 11-12-85, Cl. 356-345.000.

Giamei, Anthony F.; and Kear, Bernard H., to United Technologies Corporation. Wrought single crystal nickel base superalloy. 4,514,360, 4-30-85, Cl. 420-454.000.

Giamei, Anthony F.: *See—*
- Gell, Maurice L.; and Giamei, Anthony F., 4,528,048, Cl. 148-404.000.

Giammarese, Victor P. Remote control apparatus for audio systems. 4,551,714, 11-5-85, Cl. 340-825.720.

Giammarrusco, David P., to GTE Automatic Electric Laboratories Incorporated. Pulse monitor circuit for use as a fan speed monitor. 4,513,233, 4-23-85, Cl. 318-565.000.

Giammarrusco, David P., to GTE Automatic Electric Laboratories Incorporated. Speech synthesized time announcement circuit. 4,547,630, 10-15-85, Cl. 179-89.000.

Giampapa, Vincent C.; and Peck, George C. Nasal surgical saw. 4,502,484, 3-5-85, Cl. 128-317.000.

Gianezio, Paribelli; and Nunzio, Godoli. Hip prosthesis with expanding femoral component. 4,520,511, 6-4-85, Cl. 3-1.913.

Giangerelli, Frank. Black powder gun nipple. 4,519,157, 5-28-85, Cl. 42-83.000.

Giani, Enrico: *See—*
- Ramachandran, Kovilvila; and Giani, Enrico, 4,505,798, Cl. 204-298.000.

Giani, Roberto; Parini, Ettore; and Tonon, Giancarlo, to Dompe Farmaceutica S.p.A. Pyrido[1,5]benzodiazepinone derivatives and pharmacological activities thereof. 4,556,653, 12-3-85, Cl. 514-220.000.

Giannelli, Raymond; and Martin, Matthew R., to Lumex, Inc. Quickly disengagable lock for adjustably positioned seat. 4,560,200, 12-24-85, Cl. 297-346.000.

Giannini, Umberto; Longi, Paolo; DeLuca, Domenico; and Pivotto, Bruno, to Montecatini Edison S.p.A. Polymerization catalyst. 4,542,197, 9-17-85, Cl. 526-125.000.

Giannini, Umberto: *See—*
Mayr, Adolfo; Giannini, Umberto; Susa, Ermanno; Longi, Paolo; Giachetti, Ettore; and DeLuca, Domenico, 4,542,198, Cl. 526-125.000.
Giannis, Peter M.: *See—*
Coy, Don R., Jr.; and Giannis, Peter M., 4,512,534, Cl. 242-198.000.
Giannone, Charles, to Duro Dyne Corporation. Cinching clamp device and method of attachment. 4,541,146, 9-17-85, Cl. 24-20.00R.
Giannotti, Danilo: *See—*
Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, 4,503,075, Cl. 514-622.000.
Giannotti, Hugo V. Apparatus for separating and re-circulating oversize fuel particles in spark-ignition engines. 4,524,748, 6-25-85, Cl. 123-591.000.
Giannuzzi, Louis N. Anchor bolt assembly. 4,537,541, 8-27-85, Cl. 411-55.000.
Giannuzzi, Ottavio; and Braun, Ronald C., to Grumman Aerospace Corporation. Translaminar stitching apparatus for composite airframe part assembly. 4,503,788, 3-12-85, Cl. 112-121.120.
Gianolini, Giovanni: *See—*
Knirsch, Franco; Gianolini, Giovanni; Dagna, Gian D.; and Buat, Mario, 4,536,776, Cl. 346-140.00R.
Gianotti, Giuseppe: *See—*
Bastioli, Catia; Gianotti, Giuseppe; Mattera, Adriano; and Parrini, Paolo, 4,560,522, Cl. 264-41.000.
Gianotti, Tonio: *See—*
Koch, Dieter; and Gianotti, Tonio, 4,492,524, Cl. 417-18.000.
Giants, Thomas W., to Hughes Aircraft Company. Ethynyl-phenylene-substituted-1,3,5-triazine derivatives and process for their production. 4,497,951, 2-5-85, Cl. 544-206.000.
Gianturco, Cesare, to Cook, Incorporated. Expandable blood clot filter. 4,494,531, 1-22-85, Cl. 128-1.00R.
Giardinelli, Silvano C., to Silena S.p.A. Device for indicating pole-zero cancellation, in particular for amplifiers for ionizing radiation spectroscopy. 4,491,799, 1-1-85, Cl. 330-2.000.
Giardino, David A.; Groshans, Joseph R.; and McHenry, Kenneth A., to Chicago Pneumatic Tool Company. Pneumatic hydraulic handheld power unit. 4,497,197, 2-5-85, Cl. 72-453.170.
Giardino, Pietro: *See—*
Dallatomasina, Franco; Ortica, Roberto; Giardino, Pietro; and Oppici, Ernesto, 4,549,987, Cl. 260-112.50R.
Giavelli, Giordano: *See—*
Carraroli, Dario; and Giavelli, Giordano, 4,500,287, Cl. 432-246.000.
Carraroli, Dario; and Giavelli, Giordano, 4,527,974, Cl. 432-78.000.
GIB Precision Limited: *See—*
Beasant, Andrew J.; Orwin, Olaf J. B.; and Fortune, David J., 4,541,512, Cl. 192-56.00R.
Gibas, Christoph, to BSO Steuerungstechnik GmbH. Activating magnet. 4,521,759, 6-4-85, Cl. 335-255.000.
Gibas, Christoph: *See—*
Bartholomaus, Reiner; and Gibas, Christoph, 4,518,938, Cl. 335-262.000.
Gibb, Peter R., to CanOcean Resources Ltd. Subsea caisson and method of installing same. 4,558,744, 12-17-85, Cl. 166-335.000.
Gibb, Thomson B., to Vacuum Furnace System Corporation. Heating element arrangement for a vacuum furnace. 4,499,369, 2-12-85, Cl. 219-552.000.
Gibbard, David W., to Dataface Limited. Milk yield recording and concentrate feed ration calculation for dairy cows. 4,493,290, 1-15-85, Cl. 119-51.00R.
Gibbard, Henry F.; Murray, Richard C., Jr.; Putt, Ronald A.; Valentine, Theodore W.; and Menard, Claude J., to Duracell Inc. Sealed nickel-zinc battery. 4,552,821, 11-12-85, Cl. 429-57.000.
Gibbemeyer, Joseph F., to Cincinnati Milacron Inc. Chuck activating apparatus. 4,498,859, 2-12-85, Cl. 425-534.000.
Gibbon, Alan: *See—*
Burnham, Robert F.; Gibbon, Alan; and Harry, John E., 4,521,890, Cl. 373-22.000.
Gibbon, Robert M.: *See—*
Diehl, Larry F., Jr.; and Gibbon, Robert M., 4,551,293, Cl. 264-150.000.
Gibbons, Dennis R.: *See—*
Kulesza, Ralph J.; Disko, Harry; and Gibbons, Dennis R., 4,504,239, Cl. 446-95.000.
Gibbons, Gerald F. Angular hockey stick grip. 4,553,753, 11-19-85, Cl. 273-67.00A.
Gibbons, Gould, Jr.: *See—*
Starkenberg, John J.; and Gibbons, Gould, Jr., 4,545,829, Cl. 149-109.600.
Gibbons, Ian; Rowley, Gerald L.; and Ullman, Edwin F., to Syva Company. Charge effects in enzyme immunoassays. 4,501,692, 2-26-85, Cl. 260-112.00B.
Gibbons, James F. One transistor dynamic random access memory. 4,536,785, 8-20-85, Cl. 357-54.000.
Gibbons, James F. Process for high temperature surface reactions in semiconductor material. 4,544,418, 10-1-85, Cl. 148-1.500.
Gibbons, James F.: *See—*
Moddel, Garret R.; and Gibbons, James F., 4,539,431, Cl. 136-258.000.
Gibbons, John F.; and Knapp, Richard W., to Combustion Engineering, Inc. Pressurized water reactor flow arrangement. 4,557,891, 12-10-85, Cl. 376-397.000.
Gibbons, Robert E., to Belco Pollution Control Corporation. Precipitator rapper. 4,519,817, 5-28-85, Cl. 55-112.000.
Gibbs, Andrew R., to Stanley Tools Limited. Dowelling jig. 4,522,539, 6-11-85, Cl. 408-72.00R.
Gibbs, George R.: *See—*
Lapatovich, Walter P.; and Gibbs, George R., 4,492,898, Cl. 315-248.000.
Gibbs, Michael A.: *See—*
O'Connell, Peter; and Gibbs, Michael A., 4,539,210, Cl. 426-56.000.
Gibbs, Richard D.; and Johnson, Roger C., to Westinghouse Electric Corp. Vapor cooled electrical inductive apparatus. 4,493,138, 1-15-85, Cl. 29-33.00Q.
Gibbs, Ronald L.: *See—*
Gessell, Donald E.; Gibbs, Ronald L.; and Fuentes, Ricardo, Jr., 4,496,660, Cl. 502-111.000.
Gibellato, Silvano. Universal folding ladder for boats. 4,541,507, 9-17-85, Cl. 182-86.000.
Gibli, Elizor. Brush assembly tool. 4,561,174, 12-31-85, Cl. 29-597.000.
Gibson Associates, Inc.: *See—*
Tomburo, Anthony F.; and Kachur, Nicholas W., 4,521,127, Cl. 401-68.000.
Gibson, Christian D.: *See—*
Allen, Ralph E.; and Gibson, Christian D., 4,496,031, Cl. 187-9.00R.
Gibson, David C. Space-defining mounting for room coolers. 4,498,374, 2-12-85, Cl. 98-94.200.
Gibson, David K.: *See—*
Barker, Robert B.; Davidge, Ronald V.; Gibson, David K.; and Van Cleave, George W., 4,519,700, Cl. 355-3.0SH.
Gibson, David S.: *See—*
Altares, Romulo A.; Gibson, David S.; Goyda, Michael A.; Hegadorn, Joseph L.; and Kapoor, Virendra N., 4,548,045, Cl. 62-63.000.
Gibson, Dennis H.; Shinogle, Ronald D.; and Stockner, Alan R., to Caterpillar Tractor Co. Rotor balancing for distribution valve. 4,528,965, 7-16-85, Cl. 123-502.000.
Gibson, Dennis H.; and Stockner, Alan R., to Caterpillar Tractor Co. Thrust and planetary gear coupling for a rotor of a distributor fuel injection pump. 4,530,331, 7-23-85, Cl. 123-450.000.
Gibson, Dennis H., to Caterpillar Tractor Co. Fuel injection timing and governor control apparatus. 4,531,492, 7-30-85, Cl. 123-364.000.
Gibson, Dennis H., to Caterpillar Tractor Co. Timing control for fuel injection apparatus. 4,541,391, 9-17-85, Cl. 123-500.000.
Gibson, Dennis H.; Stockner, Alan R.; and Waldman, Donald J., to Caterpillar Tractor Co. Fluid distributing apparatus. 4,554,901, 11-26-85, Cl. 123-450.000.
Gibson, Dennis H.: *See—*
Bailey, John M.; Gibson, Dennis H.; Hackett, David E.; Stockner, Alan R.; and Waldman, Donald J., 4,531,494, Cl. 123-450.000.
Gibson, Donald D., to Ford Motor Company. Method for preparing blocks of glass for shipment. 4,492,071, 1-8-85, Cl. 53-442.000.
Gibson, Donald L. Indexing and locking assembly for multi-piece truck rims. 4,512,382, 4-23-85, Cl. 152-408.000.
Gibson, Duane M.; and Scott, Lewis A., to Omark Industries, Inc. Saw chain sharpening method and apparatus. 4,530,258, 7-23-85, Cl. 76-25.00A.
Gibson, Duane M.; and Scott, Lewis A., to Omark Industries, Inc. Saw chain. 4,535,667, 8-20-85, Cl. 83-830.000.
Gibson, Duane M.: *See—*
Scott, Lewis A.; Gibson, Duane M.; and Woodfill, Arthur J., 4,497,232, Cl. 83-831.000.
Scott, Lewis A.; and Gibson, Duane M., 4,501,184, Cl. 83-834.000.
Gibson, Edwin D.: *See—*
Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., 4,532,703, Cl. 29-599.000.
Gibson, Franklin R.: *See—*
Brandt, Herman F.; and Gibson, Franklin R., 4,491,010, Cl. 73-35.000.
Gibson, George W., to Focus Environmental Systems. Method and apparatus for solar destruction of toxic and hazardous materials. 4,549,528, 10-29-85, Cl. 126-438.000.
Gibson, Jack E. Positive seal steel coupling apparatus and method. 4,527,820, 7-9-85, Cl. 285-382.200.
Gibson, James. Portable non-powered dishwasher. 4,542,756, 9-24-85, Cl. 134-177.000.
Gibson, John J., to RCA Corporation. Apparatus for demodulating sampled data FM signals from sets of four successive samples. 4,547,737, 10-15-85, Cl. 329-50.000.
Gibson, John M.; Jacobson, Dale C.; Poate, John M.; and Tung, Raymond T., to AT&T Bell Laboratories. Formation of heterostructures by pulsed melting of precursor material. 4,555,301, 11-26-85, Cl. 156-617.00R.
Gibson, Keith: *See—*
Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,497,897, Cl. 435-188.000.
Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,519,934, Cl. 252-174.120.
Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,543,333, Cl. 435-188.000.
Gibson, Kirk R., to Chevron Research Company. Two-region spherical catalysts. 4,495,308, 1-22-85, Cl. 502-355.000.
Gibson, Larry A.: *See—*
Sasnett, Michael W.; Hobart, James L.; and Gibson, Larry A., 4,500,996, Cl. 372-19.000.
Gibson, Lawrence: *See—*
Casilli, Joseph C.; Gibson, Lawrence; and Hessler, William D., 4,494,574, Cl. 137-625.600.

- Gibson, Paul W.; and Orthoefer, Frank T., to A. E. Staley Manufacturing Company. Method for coating a substrate with a foamed proteinaceous product. 4,555,417, 11-26-85, Cl. 427-361.000.
- Gibson, Rodney W.: *See—*
  - Stein, Paul J.; and Gibson, Rodney W., 4,539,646, Cl. 364-484.000.
- Gibson, Ronald A.: *See—*
  - Crain, Stephen F.; Gray, Steven H.; Green, Michael L.; and Gibson, Ronald A., 4,538,222, Cl. 364-172.000.
- Gibson-Stephens Institute: *See—*
  - Hruby, Victor J.; and Mosberg, Henry, 4,518,711, Cl. 514-11.000.
- Gibson, Walter G.; Plotnick, Michael A.; and Chen, Thomas Y., to RCA Corporation. Video disc encoding and decoding system providing intra-field track error correction. 4,546,389, 10-8-85, Cl. 358-342.000.
- Gibson, William D., to Gibson, William D. Replaceable roll for roller mill. 4,555,066, 11-26-85, Cl. 241-293.000.
- Gibson, William K., to R.W. Packaging, Ltd. Label printing device. 4,544,437, 10-1-85, Cl. 156-584.000.
- Gidden, Robert A., to Deans, E. Grant. Multiple rate metering system. 4,516,213, 5-7-85, Cl. 364-483.000.
- Giddey, Claude; and Dove, Georges, to Battelle Memorial Institute. Light condiment having a mustard base and a process for its preparation. 4,525,372, 6-25-85, Cl. 426-564.000.
- Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., to Nalco Chemical Company. Terpolymers for use as high temperature fluid loss additive and rheology stabilizer for high pressure, high temperature oil well drilling fluids. 4,502,964, 3-5-85, Cl. 252-8.50C.
- Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., to Nalco Chemical Company. Terpolymers for use as high temperature fluid loss additive and rheology stabilizer for high pressure, high temperature oil well drilling fluids. 4,502,965, 3-5-85, Cl. 252-8.50C.
- Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., to Nalco Chemical Company. Terpolymers for use as high temperature fluid loss additive and rheology stabilizer for high pressure, high temperature oil well drilling fluids. 4,502,966, 3-5-85, Cl. 252-8.50C.
- Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., to Nalco Chemical Company. Water-soluble polymers containing 2-acrylamido-2-methylpropane-sulfonic acid, sodium salt (AMPS)-acrylamide-N,N-diallylacetamide. 4,544,719, 10-1-85, Cl. 526-240.000.
- Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., to Nalco Chemical Company. Water-soluble terpolymers of 2-acrylamido-2-methylpropane-sulfonic acid, sodium salt (AMPS), n-vinylpyrrolidone and acrylonitrile. 4,544,722, 10-1-85, Cl. 526-264.000.
- Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., to Nalco Chemical Company. Terpolymers of 2-acrylamido-2-methylpropane-sulfonic acid, sodium salt (AMPS), N,N-dimethylacrylamide, and acrylonitrile. 4,555,558, 11-26-85, Cl. 526-287.000.
- Giddings, Gary M., to Discovision Associates. Method and apparatus for recovering information from a videodisc. 4,536,863, 8-20-85, Cl. 369-43.000.
- Giddings, Gary M.: *See—*
  - Wilkinson, Richard L.; and Giddings, Gary M., 4,519,004, Cl. 358-342.000.
- Gidge, Kenneth N.; and Richard, Henry J., to BSL Corporation. Transparent access curtain for coolers and the like. 4,550,760, 11-5-85, Cl. 160-328.000.
- Gidick, Ward F., to Raymond Kaiser Engineers Inc. Method for installation of an extended header. 4,510,959, 4-16-85, Cl. 137-15.000.
- Gidlund, Per A. L., to Atlas Copco Aktiebolag. Percussion tool. 4,548,278, 10-22-85, Cl. 173-121.000.
- Giebel, Burkhard, to ITT Industries, Inc. Electrically programmable memory matrix. 4,502,131, 2-26-85, Cl. 365-201.000.
- Giebel, Burkhard, to ITT Industries, Inc. Integrated memory matrix comprising nonvolatile reprogrammable storage cells. 4,524,429, 6-18-85, Cl. 365-154.000.
- Giebel, Burkhard, to ITT Industries, Inc. Electrically erasable memory matrix (EEPROM). 4,527,256, 7-2-85, Cl. 365-154.000.
- Giebel, Frank, to Ford Motor Company. Independent wheel suspension for non-steered wheels of motor vehicles. 4,556,235, 12-3-85, Cl. 280-690.000.
- Giebel, Gerhard, to USM Corporation. Device for tensioning a shoe upper on a last and for laying its lasting margin over in the ball and shank region. 4,558,478, 12-17-85, Cl. 12-81.000.
- Giebeler, James F., to Emco Arrowhead. High pressure swivel coupling. 4,557,509, 12-10-85, Cl. 285-281.000.
- Giebeler, Robert H., Jr., to Beckman Instruments, Inc. Centrifugal oil pump flow proportioning and cooling system. 4,541,736, 9-17-85, Cl. 384-465.000.
- Giebeler, Robert H., Jr.: *See—*
  - Vaguine, Victor A.; Giebeler, Robert H., Jr.; and McEuen, Albert H., 4,556,070, Cl. 128-804.000.
  - Wedemeyer, Robert C.; and Giebeler, Robert H., Jr., 4,512,758, Cl. 494-13.000.
  - Wedemeyer, Robert C.; and Giebeler, Robert H., Jr., 4,534,861, Cl. 210-168.000.
- Giebelhausen, Charles W.; and Davila, Jose E., to General Signal Corporation. Cash collection receptacle. 4,493,454, 1-15-85, Cl. 232-15.000.
- Giebmanns, Karl-Heinz, to ITM International Tool Machines Inc. Grinding machine. 4,524,545, 6-25-85, Cl. 51-99.000.
- Giede, Karl: *See—*
  - Moller, Hinrich; Wallat, Siegfried; Hoffkes, Horst; and Giede, Karl, 4,496,536, Cl. 424-70.000.
- Giedt, Donald C.: *See—*
  - Inman, Frank S.; Giedt, Donald C.; and Lushis, Donald V., 4,519,290, Cl. 87-7.000.
- Giegel, David F.: *See—*
  - Yatchum, Joseph W.; and Giegel, David F., 4,533,798, Cl. 200-11.00R.
- Giegel, Joseph L.; and Brotherton, Mary M., to American Hospital Supply Corporation. Solid phase system for ligand assay. 4,517,288, 5-14-85, Cl. 435-7.000.
- Giegler, Mike Charles: *See—*
  - McIntosh, Donald S., 4,514,002, Cl. 293-118.000.
- Gielis, Gerardus C. M.; and Van Kessel, Antoon M. M., to U.S. Philips Corporation. FM-receiver for receiving FM-signals with transmission identification. 4,538,285, 8-27-85, Cl. 375-104.000.
- Giepen, Hubert M. Manually operable multi-coin mechanism. 4,501,349, 2-26-85, Cl. 194-1.00G.
- Gieraths, Wolfgang, to Dornier System GmbH. Test equipment for a synthetic aperture radar system. 4,523,196, 6-11-85, Cl. 343-17.700.
- Giernalczyk, Hartmut: *See—*
  - Lewis, Edwin C.; Henschenmacher, Helmut; Ecker, Karl-Heinz; Giernalczyk, Hartmut; and Rutte, Siegfried, 4,516,477, Cl. 92-128.000.
- Giers, Alfred; and Heiland, Manfred, to Carl Schenck AG. Balancing machine bearing mounting for flexible rotors. 4,512,671, 4-23-85, Cl. 384-215.000.
- Giers, Alfred: *See—*
  - Muller, Michael; Giers, Alfred; and Heiland, Manfred, 4,495,811, Cl. 73-462.000.
- Giersch, Wolfgang K.; and Ohloff, Gunther, to Firmenich SA. Spirolactone derivatives, their use as perfuming agents, and perfuming composition containing same. 4,524,019, 6-18-85, Cl. 252-522.00R.
- Giersch, Wolfgang K.: *See—*
  - Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, 4,543,429, Cl. 568-446.000.
- Giese, Emil; Maurer, Ruprecht; and Hagen, Max, to Ringspann Albrecht Maurer K.G. Retainer ring for a freewheel clutch. 4,522,289, 6-11-85, Cl. 192-41.00A.
- Giesecke, Henning: *See—*
  - Ebneth, Harold; Wolf, Gerhard D.; and Giesecke, Henning, 4,522,889, Cl. 428-614.000.
  - Sirinyan, Kirkor; Giesecke, Henning; Wolf, Gerhard D.; Ebneth, Harold; and Merten, Rudolf, 4,493,861, Cl. 427-304.000.
  - Sirinyan, Kirkor; Merten, Rudolf; and Giesecke, Henning, 4,535,032, Cl. 428-629.000.
  - Sirinyan, Kirkor; Merten, Rudolf; Wolf, Gerhard D.; Giesecke, Henning; Claussen, Uwe; and Ebneth, Harold, 4,542,074, Cl. 428-450.000.
- Giesen, Karl: *See—*
  - Hitzel, Volker; Weyer, Rudi; Giesen, Karl; and Ritzel, Harald, 4,542,139, Cl. 514-312.000.
- Giesenberg, Peter: *See—*
  - Seeger, G. Hans J.; Giesenberg, Peter; and Steimel, Johannes, 4,519,291, Cl. 89-1.806.
- Giesmann, Kendall L., to Deere & Company. Pick-up type drawbar assembly. 4,542,913, 9-24-85, Cl. 280-479.00A.
- Giess, Edward A.: *See—*
  - Eggerding, Carl L.; and Giess, Edward A., 4,540,621, Cl. 428-209.000.
- Giessen, Bill C., to Northeastern University. Method for rapid solidification processing of multiphase alloys having large liquidus-solidus temperature intervals. 4,540,546, 9-10-85, Cl. 420-590.000.
- Giessler, Klaus: *See—*
  - Richter, Ekkehard; Korbacher, Werner; Knoblauch, Karl; and Giessler, Klaus, 4,521,221, Cl. 48-196.00R.
- Giessner, George J., to Heinemann Electric Company. Bimetallic circuit breaker with an auxiliary switch. 4,518,943, 5-21-85, Cl. 337-68.000.
- Giffen, William M., Jr.; Li, George S.; and Miller, Arthur F., to Standard Oil Company, The. Imidized surface protection for maleic anhydride interpolymer articles. 4,508,787, 4-2-85, Cl. 428-473.500.
- Giffhorn, Friedrich: *See—*
  - Roder, Albert; Seidel, Hans; and Giffhorn, Friedrich, 4,550,079, Cl. 435-189.000.
- Gifford, Peter E.; and Swift, Stephen D., to Cryomech Inc. Regenerator apparatus for use in a cryogenic refrigerator. 4,490,983, 1-1-85, Cl. 62-6.000.
- Gifft, Thomas H. Non contacting inductive keyboard. 4,529,967, 7-16-85, Cl. 340-365.00L.
- Giga-Tronics, Inc.: *See—*
  - Kaye, Lawrence A.; and Mayer, Robert, 4,536,722, Cl. 331-117.00D.
- Gigandet, Richard W., to Lincoln Manufacturing Company, Inc. Oven control circuitry cooling system for a double-stack food preparation oven arrangement. 4,539,469, 9-3-85, Cl. 219-412.000.
- Gigante, Joseph R.; and Ghoshtagore, Rathindra N., to Westinghouse Electric Corp. Method of forming conductive interconnection between vertically spaced levels in VLSI devices. 4,532,702, 8-6-85, Cl. 29-578.000.
- Gigante, Joseph R.: *See—*
  - Rohatgi, Ajeet; Rai-Choudhury, Prosenjit; Gigante, Joseph R.; Singh, Ranbir; and Fonash, Stephen J., 4,522,657, Cl. 148-1.500.
- Giger, Adolf J., to AT&T Bell Laboratories. Transmitter power control circuit. 4,495,648, 1-22-85, Cl. 455-73.000.

Gigl, Paul D.; and Cho, Hyun S., to General Electric Company. Sweep through process for making polycrystalline compacts. 4,518,659, 5-21-85, Cl. 428-539.500.

Gigl, Paul D., to General Electric Company. Process for making diamond and cubic boron nitride compacts. 4,525,179, 6-25-85, Cl. 51-309.000.

Gigl, Paul D.: *See—*

Bovenkerk, Harold P.; Gigl, Paul D.; and Corrigan, Francis R., 4,536,442, Cl. 428-323.000.

Gigli, Giuseppe, to Standardgraph Zeichengerate GmbH. Pen nib with powder-gasphase diffusion layer. 4,540,303, 9-10-85, Cl. 401-258.000.

Giglia, Robert D., to American Cyanamid Company. Filter paper. 4,495,030, 1-22-85, Cl. 162-145.000.

Gigliotti, Michael F. X., Jr.; Yang, Swe-Wong; Jackson, Melvin R.; Bruch, Charles A.; and Nguyen-Dinh, Xuan, to General Electric Company. Phase stable carbide reinforced nickel-base superalloy eutectics having improved high temperature stress-rupture strength and improved resistance to surface carbide formation. 4,522,664, 6-11-85, Cl. 148-404.000.

Gigon, Richard M.: *See—*

Jones, Charles; Gigon, Richard M.; and Blum, Edward J., 4,531,900, Cl. 418-61.00A.

Giguere, Irving J., to Superior Electric Company, The. Digital motor control method and means. 4,518,907, 5-21-85, Cl. 318-696.000.

Giguere, Jean-Paul, to Donat Flamand Inc. Composite weather strip for windows and doors. 4,510,715, 4-16-85, Cl. 49-488.000.

Giguere, Jean-Paul, to Donat Flamand Inc. Weather tight seal for the sill of a household door. 4,513,536, 4-30-85, Cl. 49-470.000.

Giguere, Noelli. Bushwood mowing apparatus. 4,509,315, 4-9-85, Cl. 56-10.700.

Gijbels, Jozef M.: *See—*

Gijbels, Peter H.; and Gijbels, Jozef M., 4,503,816, Cl. 123-53.0AA.

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Gikas, Giorgos X., to Gillette Company, The. Hair treating article and a method of its use. 4,510,952, 4-16-85, Cl. 132-37.00R.

Gil, Angel; and Valverde, Luis, to Union Industrial y Agroganadera, S.A. (UNIASA). Nucleotide enriched humanized milk and process for its preparation. 4,544,559, 10-1-85, Cl. 426-72.000.

Giladett, Leo V. B.: *See—*

Baird, Richard H.; Blechar, Theodore J.; Giladett, Leo V. B.; Horner, Reginald M.; Prouty, Gerald G.; and Rinde, David L., 4,527,623, Cl. 165-173.000.

Gilardini S.p.A.: *See—*

Mariani, Lauro, 4,523,790, Cl. 301-64.0SD.

Gilb, Tyrell T., to Simpson Strong-Tie Company, Inc. Ridge rafter connector. 4,498,801, 2-12-85, Cl. 403-232.100.

Gilb, Tyrell T., to Simpson Strong-Tie Company, Inc. Heavy slope and skew sheet metal hanger and method of making same. 4,560,301, 12-24-85, Cl. 403-232.100.

Gilbarco, Inc.: *See—*

Steger, James O., 4,556,927, Cl. 361-215.000.

Gilbert, Barrie W., to Bipel Limited. Moulding machines. 4,521,172, 6-4-85, Cl. 425-73.000.

Gilbert, Barry K.; and Schwab, Daniel J., to Mayo Foundation. Leadless chip carrier apparatus providing an improved transmission line environment and improved heat dissipation. 4,551,746, 11-5-85, Cl. 357-74.000.

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Gilbert, Bruce, to Hughes Tool Company. Anchor seal assembly. 4,513,822, 4-30-85, Cl. 166-382.000.

Gilbert, Clark J.; Hassialis, Menelaos D.; Scrymgeour, Andrew H.; and Vera, Samuel I., to Mobil Oil Corporation. Mining system. 4,512,610, 4-23-85, Cl. 299-13.000.

Gilbert, Curtis R. Miter gauge. 4,514,909, 5-7-85, Cl. 33-471.000.

Gilbert, Don M., to Texas Instruments Incorporated. Printer having improved stored energy printhead. 4,498,791, 2-12-85, Cl. 400-124.000.

Gilbert, Eli: *See—*

Kurland, Lawrence G.; and Gilbert, Eli, 4,553,222, Cl. 364-900.000.

Gilbert, Everett E.: *See—*

Sollott, Gilbert P.; and Gilbert, Everett E., 4,535,193, Cl. 568-941.000.

Gilbert, Hubert W., to United States of America, Energy. X-ray focal spot locating apparatus and method. 4,532,646, 7-30-85, Cl. 378-207.000.

Gilbert, Jack J. Method and apparatus for vaporizing fuel by centrifugal action. 4,503,003, 3-5-85, Cl. 261-51.000.

Gilbert, Jerald G. Tobacco stripper. 4,498,484, 2-12-85, Cl. 130-30.00R.

Gilbert, Jerry R.; Millikan, Robert C.; Wysowski, Charles H.; and Pyburn, John R., Jr., to Brown & Williamson Tobacco Corporation. Towable, hydraulically powered lifting and transport trailer. 4,515,518, 5-7-85, Cl. 414-459.000.

Gilbert, John B.: *See—*

Boyle, Joseph P.; and Gilbert, John B., 4,517,076, Cl. 208-140.000.

Wairegi, Tom; Boyle, Joseph P.; and Gilbert, John B., 4,514,284, Cl. 208-140.000.

Gilbert, Lawrence A.: *See—*

Cushman, Mark E.; and Gilbert, Lawrence A., 4,525,292, Cl. 252-102.000.

Gilbert, Lyman F. Monitor system for vertical boilers. 4,531,479, 7-30-85, Cl. 122-504.200.

Gilbert, Michael A.: *See—*

Archer, Donald H.; Gilbert, Michael A.; Loomis, Robert H.; and Maybell, Michael J., 4,495,504, Cl. 343-779.000.

Gilbert, Richard L., to ACF Industries, Incorporated. Torque application assembly for closure valve of a railroad hopper car outlet. 4,543,851, 10-1-85, Cl. 74-531.000.

Gilbert, Robert W.: *See—*

Treloar, Howard A.; and Gilbert, Robert W., 4,502,701, Cl. 277-92.000.

Gilbert, Serge. Water skis and oaring sticks. 4,527,984, 7-9-85, Cl. 441-76.000.

Gilbert, Thomas J.: *See—*

Acharya, Kishore C.; Gilbert, Thomas J.; and Griffie, Terry R., 4,504,909, Cl. 364-414.000.

Gilbert, Wilbur E.; Martin, Robert E.; and Belonger, Donald P., to Hamilton Industries, Inc. Leg and foot support assembly for medical examination table. 4,508,387, 4-2-85, Cl. 297-429.000.

Gilbert, Wilbur E.: *See—*

Vetter, Gary V.; Yindra, Leonard J.; and Gilbert, Wilbur E., 4,547,092, Cl. 403-59.000.

Gilberto, Paul. Material hardness testing apparatus. 4,535,623, 8-20-85, Cl. 73-81.000.

Gilbertson, Thomas A. Hydraulic oil well pumping unit. 4,492,536, 1-8-85, Cl. 417-401.000.

Gilbey, Mark S.: *See—*

Collett, Geoffrey K.; Martin-Jones, Christopher B.; Tapner, Peter N.; Commander, David J.; Gilbey, Mark S.; and Berks, Robert S., 4,553,490, Cl. 112-38.000.

Gilbreath, James C. Outboard motor support bracket. 4,545,559, 10-8-85, Cl. 248-642.000.

Gilbride, Andrew J.; Morse, Albert I.; Crowell, Douglas H.; and Holland, Larry L., to USM Corporation. Clamping mechanism for a powder reinforcing machine. 4,502,411, 3-5-85, Cl. 118-503.000.

Gilbride, Andrew J.: *See—*

Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., 4,503,091, Cl. 427-180.000.

Simmonds, Robert C.; Gilbride, Andrew J.; and Martin, John F., 4,528,710, Cl. 12-146.00D.

Simmonds, Robert C., Jr.; Gilbride, Andrew J.; and Morse, Albert I., 4,540,608, Cl. 427-282.000.

Gilby, Anthony C.; Lewis, Edward L.; and Olsen, Everett O., to Foxboro Company, The. Optical measurement system with light-driven vibrating sensor element. 4,521,684, 6-4-85, Cl. 250-227.000.

Gilcher, Heinz, to American Standard Inc. Vital solid state relay for railroad alternating current track circuits. 4,535,959, 8-20-85, Cl. 246-34.00R.

Gilcrease, James P.: *See—*

Buls, Ronald L.; and Gilcrease, James P., 4,519,815, Cl. 55-46.000.

Gilder, Thomas G., Jr.; and O'Dean, Raymond D., to GTE Products Corporation. Support for lead frame for IC chip carrier. 4,554,404, 11-19-85, Cl. 174-52.0FP.

Gilding, Denis K.; and Clarke, Roy M., to University of Liverpool; and Vascor Inc. Process for the manufacture of polyurethane resin for electrostatic spinning. 4,524,036, 6-18-85, Cl. 264-10.000.

Gile, Richard H.: *See—*

Dzewaltowski, Victor F.; and Gile, Richard H., 4,539,778, Cl. 51-165.870.

Gilead, Dan; and Scott, Gerald. Agricultural process using controllably degradable polymer composition film. 4,519,161, 5-28-85, Cl. 47-9.000.

Giles, Alan F., to Precision Engineering Products Limited (Suffolk). Method and apparatus for checking the weight of a moving article. 4,550,793, 11-5-85, Cl. 177-145.000.

Giles, Alan R.; and Mann, Kenneth G., to Queen's University at Kingston. Method for controlling hemophilia in mammals. 4,536,392, 8-20-85, Cl. 424-101.000.

Giles, Brian, to GOM International Ltd. Method and apparatus for coating plastics bottles. 4,543,277, 9-24-85, Cl. 427-430.100.

Giles, C. Lee: *See—*

Blodgett, Jerry A.; Szu, Harold H., Giles, C. Lee; and Athale, Ravindra, 4,505,544, Cl. 350-162.130.

Giles, George B.; Ross, Donald B.; McCallion, Joseph J.; and Sherritt, William C., to Giles Tool Agencies Limited. Burner attachment for aerosol container. 4,545,759, 10-8-85, Cl. 431-344.000.

Giles, Harold F., Jr.; and Baccaro, Lorene E., to General Electric Company. Multilayer structure. 4,543,291, 9-24-85, Cl. 428-412.000.

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Giles, Harold F., Jr.: *See—*

Mellinger, Gary A.; Giles, Harold F., Jr.; Holub, Fred; and Schlich, William R., 4,548,997, Cl. 525-433.000.

Giles, Michael K.; and Rogers, Robert B., to United States of America, Air Force. Kalman filter preprocessor. 4,511,219, 4-16-85, Cl. 350-388.000.

Giles, Ralph R.: *See—*

Weaver, Max A.; and Giles, Ralph R., 4,530,997, Cl. 534-768.000.

Giles, Richard E.; Stevens, David R.; and Wiesehahn, Gary P., to Advanced Genetics Research Institute. Psoralen inactivated double-stranded RNA viral vaccines. 4,545,987, 10-8-85, Cl. 424-89.000.

Giles, Richard E.: *See—*

Wiesehahn, Gary P.; Giles, Richard E.; and Stevens, David R., 4,556,556, Cl. 424-89.000.

- Giles Tool Agencies Limited: *See—*
  - Giles, George B.; Ross, Donald B.; McCallion, Joseph J.; and Sherritt, William C., 4,545,759, Cl. 431-344.000.
- Gilev, Anatoly P.: *See—*
  - Grinberg, Grigory M.; Akifiev, Oleg N.; Pytel, Jury A.; Gilev, Anatoly P.; and Paberza, Monika Y., 4,500,516, Cl. 424-156.000.
- Gilewicz, Stanley E.: *See—*
  - Kober, Alfred E.; and Gilewicz, Stanley E., 4,514,256, Cl. 162-30.110.
- Gilhaus, Heinz, to Credo Stahlwarenfabrik Gustav Kracht, Firma. Callous-removing skin-file. 4,537,207, 8-27-85, Cl. 132-76.400.
- Gilhousen, Klein S., to M/A-Com Linkabit, Inc. Self-shifting LIFO stack. 4,504,925, 3-12-85, Cl. 364-900.000.
- Gili, Paul E.: *See—*
  - Lang, Stephen C.; and Gili, Paul E., 4,536,723, Cl. 331-127.000.
- Gilker, Clyde, to Electric Power Research Institute, Inc. Integrating circuit for use with Hall effect sensors having offset compensation means. 4,514,685, 4-30-85, Cl. 324-142.000.
- Gilker, Clyde: *See—*
  - Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., 4,535,409, Cl. 364-481.000.
- Gilkey, Edward L.: *See—*
  - Stoddart, Raymond, 4,531,312, Cl. 40-10.00D.
- Gill, Bernard B. J.; and Yergeau, Joseph L. P. M., to Canada, Her Majesty the Queen in righy of, as represented by the Minister of National Defence. Atmospheric air sample collection device. 4,546,659, 10-15-85, Cl. 73-864.620.
- Gill, Daniel G., to AT&T Technologies, Inc. Substrate support module. 4,501,368, 2-26-85, Cl. 211-41.000.
- Gill, David. Pantographs. 4,554,740, 11-26-85, Cl. 33-25.00R.
- Gill, Dee R.; and Marks, Rex B., to Hercules Incorporated. Manufacture of filamentary composites. 4,519,869, 5-28-85, Cl. 156-428.000.
- Gill, Dee R.; and Marks, Rex B., to Hercules Incorporated. Apparatus for winding of filamentary composites. 4,528,060, 7-9-85, Cl. 156-432.000.
- Gill, Dee R.; Hikida, Edward T.; and Radice, Daniel M., to Hercules Incorporated. Fabricating large, thick wall, tubular structures. 4,557,422, 12-10-85, Cl. 242-1.000.
- Gill, Dennis, to Associated Electrical Industries Limited. Method of manufacturing mineral insulated electric cable and like elements. 4,512,827, 4-23-85, Cl. 156-48.000.
- Gill, Gerald G.; and Rhodes, Donald G. Therapeutic traction device. 4,538,598, 9-3-85, Cl. 128-75.000.
- Gill, Hardial S.: *See—*
  - Tegel, Othmar; and Gill, Hardial S., 4,560,952, Cl. 331-107.0DP.
- Gill Industries, Inc.: *See—*
  - Hayatdavoudi, Asadollah; and Adams, Ladd M., 4,512,420, Cl. 175-67.000.
- Gill, John D., to Ex-Cell-O Corporation. Marine propulsion unit. 4,510,881, 4-16-85, Cl. 114-270.000.
- Gill, Michael; and Rogers, Mark C., to Advanced Solar Systems. Nontracking parabolic collector apparatus. 4,529,831, 7-16-85, Cl. 136-248.000.
- Gill, Michael; and Rogers, Mark C., to Advanced Solar Systems. Nontracking parabolic solar energy collector apparatus. 4,543,946, 10-1-85, Cl. 126-438.000.
- Gill, Michael L., to Beloit Corporation. Disk screen apparatus, disk assemblies and method. 4,538,734, 9-3-85, Cl. 209-668.000.
- Gill, Michael L.: *See—*
  - Frye, Kenneth G.; and Gill, Michael L., 4,541,585, Cl. 242-66.000.
- Gill, Michael T.; and Rogers, Mark C., to Advanced Solar Systems. Nontracking parabolic solar energy collector apparatus. 4,561,424, 12-31-85, Cl. 126-438.000.
- Gill, Peter J., to GKN Screws & Fasteners Limited. Threaded tappet adjuster. 4,548,168, 10-22-85, Cl. 123-90.540.
- Gill, Peter R., to AMF Incorporated. Jig for stitching fabric layers in a sewing machine. 4,527,492, 7-9-85, Cl. 112-121.120.
- Gill, Robert A.: *See—*
  - DeWitt, Walter G.; and Gill, Robert A., 4,529,465, Cl. 156-277.000.
- Gillard, John W.: *See—*
  - Belanger, Patrice C.; and Gillard, John W., 4,536,515, Cl. 514-532.000.
  - Belanger, Patrice C.; and Gillard, John W., 4,537,906, Cl. 514-532.000.
- Gillberg, James E., to RCA Corporation. Transient signal suppression circuit. 4,525,635, 6-25-85, Cl. 307-247.00R.
- Gillberg, James E.: *See—*
  - Dwyer, Robert A.; and Gillberg, James E., 4,558,345, Cl. 357-68.000.
  - Reilly, Robert J.; and Gillberg, James E., 4,529,892, Cl. 307-361.000.
- Gillberg-La Force, Gunilla E.; and Kravas, Helen A., to Celanese Corporation. Flow-regulated latex systems. 4,537,931, 8-27-85, Cl. 524-510.000.
- Gillberg-LaForce, Gunilla E., to Celanese Corporation. Use of radiation-curable acrylates to surface modify polyethylene terephthalate to improve adhesion to standard rubber adhesives and thereby to rubber-based materials. 4,514,438, 4-30-85, Cl. 427-54.100.
- Gillberg, Lars I.: *See—*
  - Mathiesen, Mait M.; Gillberg, Lars I.; Hellsten, Karl M. E.; and Karlsson, Gunvor B. T., 4,496,367, Cl. 44-51.000.
  - Mathiesen, Mait M.; Gillberg, Lars I.; Hellsten, Karl M. E.; and Karlsson, Gunvor B. T., 4,549,881, Cl. 44-51.000.
- Gille, Etienne; Lucas, Jean; Mechineau, Didier; and Monod, Marie-Odile, to Centre National du Machinisme Agricole, du Genie Rural, des Eaux et des Forets. Process for the stabilization with respect to a desired path of a member which is movably mounted according to at least one component of movement and its application to the stabilization of a spray manifold. 4,522,841, 6-11-85, Cl. 427-4.000.
- Gille, Henrick K.: *See—*
  - McCord, Kenneth R.; Bullock, James K.; Gille, Henrick K.; and Gilroy, Keith, 4,539,998, Cl. 128-675.000.
- Gilleland, Frank W.: *See—*
  - Rinehart, James W.; Gilleland, Frank W.; and Engen, Byron W., 4,535,756, Cl. 126-450.000.
- Gillemot, Laszlo ; Prodan, Janos; Pataki, Endre; and Zuckermann, Erno , to Magyar Aluminiumipari Troszt. Clamping element for the releasable fastening of spatially arranged, or parallel bars, tubes and similar objects. 4,515,497, 5-7-85, Cl. 403-391.000.
- Gillen, Gerard J. Timber pile connection system. 4,525,102, 6-25-85, Cl. 405-232.000.
- Gillen, Mark. Dispenser. 4,535,948, 8-20-85, Cl. 242-55.200.
- Gillen, Orval D.; and Healey, John G., Jr., to Tanner Companies, The. Drum mixer and method. 4,519,711, 5-28-85, Cl. 366-4.000.
- Giller, Arnold; and Weil, Joachim, to Hoechst Aktiengesellschaft. Process for the preparation of reinforced rubber vulcanisates and the use thereof. 4,542,186, 9-17-85, Cl. 525-138.000.
- Giller, Henricus F. J. I.; van Hees, Antonius J. M.; and Roelevink, Bauke J., to U.S. Philips Corporation. Electric reflector lamp. 4,506,185, 3-19-85, Cl. 313-113.000.
- Gillery, F. Howard; and Criss, Russell C., to PPG Industries, Inc. Low reflectance, low emissivity sputtered film. 4,508,789, 4-2-85, Cl. 428-630.000.
- Gillery, F. Howard, to PPG Industries, Inc. Low resistance indium oxide films. 4,512,864, 4-23-85, Cl. 204-192.00P.
- Gillery, F. Howard: *See—*
  - Criss, Russell C.; and Gillery, F. Howard, 4,512,863, Cl. 204-192.00R.
- Gilles, Pieter; and Schmitt, Jean-Claude, to Baird Corporation. Automatic sampling system. 4,528,158, 7-9-85, Cl. 422-63.000.
- Gillespie, C. Earl, Jr. Basketball goal height reducing frame. 4,508,337, 4-2-85, Cl. 273-1.50R.
- Gillespie, John L. Apparatus for hydraulic tree injection. 4,505,067, 3-19-85, Cl. 47-57.500.
- Gillespie, Roger J.: *See—*
  - Rowlands, David A.; Gillespie, Roger J.; Ager, Ian R.; Clements-Jewery, Stephen; and Gardner, Colin R., 4,547,507, Cl. 514-291.000.
- Gillespie, Thomas W. Concentrated composition for cleaning rugs and carpets. 4,552,692, 11-12-85, Cl. 252-528.000.
- Gillespie, William S.: *See—*
  - Smith, Robert P.; Gillespie, William S.; Inglis, Hal L.; and Hoyne, Donald B., 4,547,645, Cl. 219-10.670.
- Gillessen, Dieter: *See—*
  - Felix, Arthur M.; Gillessen, Dieter; Studer, Rolf; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,504,415, Cl. 260-112.50R.
  - Felix, Arthur M.; Gillessen, Dieter; Lergier, William; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,517,119, Cl. 260-112.50R.
- Gillessen, Klaus; Mischel, Peter; and Malinowski, Christopher, to Telefunken Electronic GmbH. Arrangement with light-sensitive components. 4,504,740, 3-12-85, Cl. 250-578.000.
- Gillet, Claude L.: *See—*
  - Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.
- Gillet, Guy, to Supermarket Systems. System for encouraging the return of vehicles such as trolleys. 4,549,182, 10-22-85, Cl. 340-942.000.
- Gillet, Roger G. Set of cages for animals. 4,528,942, 7-16-85, Cl. 119-18.000.
- Gillett, James E.; Garner, Daniel C.; Wineman, Arthur L.; and Robey, Robert M., to United States of America, Energy. Steam generator for liquid metal fast breeder reactor. 4,517,927, 5-21-85, Cl. 122-510.000.
- Gillett, John B.; and Miraglia, John A., to International Business Machines Corporation. Electronic component assembly with a printed circuit board unit and cover. 4,499,523, 2-12-85, Cl. 361-383.000.
- Gillett, John B.; and Miraglia, John A., to International Business Machines Corporation. Zero insertion force edge connector with wipe cycle. 4,542,950, 9-24-85, Cl. 339-75.0MP.
- Gillett, John B., to International Business Machines Corporation. Actuator for zero insertion force connectors. 4,544,223, 10-1-85, Cl. 339-75.0MP.
- Gillett, John B., to International Business Machines Corporation. High-density electrical contact pad pattern. 4,548,452, 10-22-85, Cl. 339-17.00R.
- Gillette Company, The: *See—*
  - Baker, Hugh W. B.; Buckle, Valerie A.; and Fehr, Ivor J. M., 4,547,090, Cl. 401-235.000.
  - Baker, Hugh W. B.; and White, Robert, 4,551,035, Cl. 401-104.000.
  - Baker, Hugh W. B.; and Whiting, Graham J., 4,551,038, Cl. 401-265.000.
  - Bond, Michael J., 4,514,904, Cl. 30-87.000.
  - Bresak, Ann F.; and Tolgyesi, Eva, 4,542,014, Cl. 424-70.000.
  - Felger, Carl B., 4,517,176, Cl. 424-47.000.
  - Francis, John F., 4,516,321, Cl. 30-50.000.
  - Gikas, Giorgos X., 4,510,952, Cl. 132-37.00R.
  - Gruner, George P., 4,496,308, Cl. 431-101.000.
  - Gruner, George P.; and Diederich, Walter J., 4,497,339, Cl. 137-495.000.
  - Herlihy, Walter C.; Epstein, David M.; and Felger, Carl B., 4,546,096, Cl. 514-25.000.

  - Jacobson, Chester F., 4,492,024, Cl. 30-87.000.
  - Jacobson, Chester F., 4,492,025, Cl. 30-87.000.
  - Jacobson, Chester F., 4,498,235, Cl. 30-47.000.
  - Jacobson, Chester F., 4,551,916, Cl. 30-50.000.
  - Kiricoples, Charles P.; Behrens, Henry; and Brown, Robert L., 4,536,099, Cl. 401-209.000.
  - Krafton, Thomas J., 4,499,069, Cl. 424-66.000.
  - Nigro, Louis V., 4,500,061, Cl. 248-359.001.
  - Peper, Henry; Eaton, Thomas E.; and Ferguson, Edward J., 4,498,797, Cl. 401-141.000.
  - Trotta, Robert A., 4,511,273, Cl. 401-260.000.

Gillette, Dennis; and Gentzler, David, to Sensormatic Electronics Corporation. Apparatus for separating tacks from surveillance tags. 4,519,507, 5-28-85, Cl. 209-682.000.

Gilley, James H., to AT&T Technologies, Inc. Temperature testing apparatus for an electronic circuit substrate. 4,515,484, 5-7-85, Cl. 374-137.000.

Gillham, Gordon D.: *See—*
  - Wier, Donald R.; and Gillham, Gordon D., 4,544,206, Cl. 299-4.000.

Gillhaus, Horst; Hegewaldt, Fritz; Faber, Wolfgang; Baer, Jurgen; and Toplak, Ernst, to Brown, Boveri & Cie AG. Industrial oven with air recirculation for heat treating processes. 4,518,352, 5-21-85, Cl. 432-199.000.

Gilliam, Edward C.: *See—*
  - Cassell, Ernest W., Jr.; and Gilliam, Edward C., 4,495,797, Cl. 73-40.000.
  - Dingus, Jack D.; and Gilliam, Edward C., 4,519,489, Cl. 193-31.00R.

Gilliam, John E., to U.S. Philips Corporation. Waveform crossing detector. 4,495,461, 1-22-85, Cl. 324-86.000.

Gilliams, Yvan K.: *See—*
  - de Winter, Walter F.; Uytterhoeven, Herman J.; Gilliams, Yvan K.; and De Volder, Noel J., 4,522,908, Cl. 430-114.000.
  - Uytterhoeven, Herman J.; Gilliams, Yvan K.; De Winter, Walter F.; Marien, August M.; and De Volder, Noel J., 4,525,446, Cl. 430-117.000.

Gillie, Raymond A., to Arvey Corporation. Method for handling envelopes. 4,514,961, 5-7-85, Cl. 53-449.000.

Gillier, Hugues; Redasse, Jean-Claude; and Renaut, Maurice, to Commissariat a l'Energie Atomique. Apparatus for the optical observation of phenomena in mixtures. 4,492,116, 1-8-85, Cl. 73-432.00R.

Gillies, George M.; Kennett, Leslie P.; and Mathews, Clive A., to British Nuclear Fuels Limited. Rotary kiln assemblies, method of changing seal arrangements and seal arrangements for use in a rotary kiln assembly. 4,545,764, 10-8-85, Cl. 432-115.000.

Gillies, George M.: *See—*
  - Mathews, Clive A.; and Gillies, George M., 4,533,319, Cl. 432-3.000.

Gillig, Steven F.; Fergus, George H.; and Barnes, Michael F., to Motorola, Inc. Method and means of detecting the presence of a signal representing voice and of compressing the level of the signal. 4,550,426, 10-29-85, Cl. 381-46.000.

Gilligan, Thomas J., to Ampex Corporation. Selective mapping system and method. 4,497,020, 1-29-85, Cl. 364-200.000.

Gilligan, Thomas J., to Ampex Corporation. Core memory with return drive scheme. 4,523,302, 6-11-85, Cl. 365-195.000.

Gilligan, Thomas J., to Ampex Corporation. Low noise core memory sense winding. 4,532,610, 7-30-85, Cl. 365-130.000.

Gilligan, Thomas J., III, to Diamond Shamrock Chemicals Company. Removal of hydrogen sulfide from drilling fluids. 4,548,720, 10-22-85, Cl. 252-8.50B.

Gilligan, Thomas J., III: *See—*
  - Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., 4,503,091, Cl. 427-180.000.
  - Morse, Albert I.; Crowell, Douglas H.; and Gilligan, Thomas J., III, 4,520,751, Cl. 118-203.000.

Gilligan, William H.: *See—*
  - Sitzmann, Michael E.; and Gilligan, William H., 4,499,309, Cl. 568-590.000.

Gillilan, James. Power transducer system. 4,497,173, 2-5-85, Cl. 60-495.000.

Gilliland, Claire. Three player backgammon gameboard. 4,496,157, 1-29-85, Cl. 273-248.000.

Gilliland, James L., Jr.: *See—*
  - Toub, Samuel G.; Gilliland, James L., Jr.; and Holder, Homer W., 4,534,182, Cl. 62-193.000.

Gilliland, W. Keith; Hart, Lawrence M.; and Nesta, Charles, to Xerox Corporation. Charge erase device for copying or reproduction machines and printers. 4,534,641, 8-13-85, Cl. 355-3.00R.

Gillingham, Gary R., to Donaldson Company, Inc. Throughput blade for louvered separators. 4,500,332, 2-19-85, Cl. 55-443.000.

Gillingham, Gary R.; Wahlquist, Fred H.; and Matthys, Bernard A., to Donaldson Company, Inc. Self-cleaning air filter. 4,504,293, 3-12-85, Cl. 55-350.000.

Gillings, Christopher: *See—*
  - Rout, Ivan P.; and Gillings, Christopher, 4,546,108, Cl. 514-464.000.

Gillis, Don A. Advancing mechanism and system utilizing same for raising and lowering a work platform. 4,497,591, 2-5-85, Cl. 405-198.000.

Gillis, John N.: *See—*
  - Sievers, Robert E.; and Gillis, John N., 4,514,522, Cl. 521-53.000.

Gillis, Richard P., Jr. Percussion stick holder. 4,531,443, 7-30-85, Cl. 84-329.000.

Gillis, Wendell K.: *See—*
  - Parrott, Kenneth S.; Gillis, Wendell K.; and Baros, Bernard C., 4,548,509, Cl. 366-349.000.

Gillmor, Richard H., to Gillmor, Richard H.; and Wise, Benjamin W. Geometric air projection and containment. 4,534,277, 8-13-85, Cl. 98-36.000.

Gillone, Walter: *See—*
  - Bovio, Michele; and Gillone, Walter, 4,493,038, Cl. 364-405.000.

Gillot, Jacques: *See—*
  - Batigne, Jean; Deslandes, Claude; Gillot, Jacques; and Tritten, Paul, 4,541,976, Cl. 264-69.000.

Gilly, Pierre E. Tennis racket stroke training device. 4,519,608, 5-28-85, Cl. 273-29.00A.

Gilman, David J.: *See—*
  - Yellin, Tobias O.; and Gilman, David J., 4,493,840, Cl. 424-269.000.
  - Yellin, Tobias O.; and Gilman, David J., 4,496,564, Cl. 514-237.000.
  - Yellin, Tobias O.; Gilman, David J.; Edwards, Philip N.; Large, Michael S.; Jones, Derrick F.; and Oldham, Keith, 4,496,571, Cl. 514-340.000.

Gilman, Harold: *See—*
  - Bhise, Vijay S.; and Gilman, Harold, 4,508,927, Cl. 568-858.000.

Gilman, Harry. Check-out counter divider. 4,534,126, 8-13-85, Cl. 40-19.000.

Gilman, Norman W.: *See—*
  - Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, 4,546,183, Cl. 544-330.000.
  - Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, 4,547,581, Cl. 549-451.000.

Gilman, Robert F.; and Schwarz, Claude R., to Sentronic of California Incorporated. Improved method and apparatus for detecting and locating residually magnetized items. 4,527,123, 7-2-85, Cl. 324-254.000.

Gilman, Sol: *See—*
  - Binder, Michael; Petersen, Eric R.; Walker, Charles W., Jr.; Wade, William L., Jr.; and Gilman, Sol, 4,514,478, Cl. 429-196.000.
  - Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,526,881, Cl. 502-101.000.
  - Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,543,305, Cl. 429-101.000.
  - Walker, Charles W., Jr.; Wade, William L., Jr.; Binder, Michael; and Gilman, Sol, 4,560,628, Cl. 429-105.000.

Gilmore, Cecilia: *See—*
  - Miller, Donald E.; Gilmore, Cecilia; Dimler, Steven R.; and Werstak, Charles E., 4,496,602, Cl. 426-555.000.

Gilmore, George T. Burglar alarm device. 4,532,498, 7-30-85, Cl. 340-545.000.

Gilmore, John F., deceased: *See—*
  - Evans, George S.; Morton, Edward W.; Gilmore, John F., deceased; and Gilmore, Roderick A., Administrator, 4,501,992, Cl. 315-122.000.

Gilmore-Kramer, Inc.: *See—*
  - Bent, Kenneth R., Jr., 4,505,483, Cl. 277-34.000.

Gilmore, Mark R., to Copeland Corporation. Integral oil pressure sensor. 4,551,069, 11-5-85, Cl. 417-13.000.

Gilmore, Roderick A., Administrator: *See—*
  - Evans, George S.; Morton, Edward W.; Gilmore, John F., deceased; and Gilmore, Roderick A., Administrator, 4,501,992, Cl. 315-122.000.

Gilmore, Thomas F.; and Ratliff, Hershel E., to Stearns & Foster Company, The. Carcass shroud and method of application. 4,540,616, 9-10-85, Cl. 428-131.000.

Gilmore Valve Company: *See—*
  - Watson, Richard R., 4,493,335, Cl. 137-116.300.

Gilpin, Jo Ann; and Lindy, Lowell B., to Dow Chemical Company, The. Chloromethylation of deactivated aromatic compounds. 4,562,280, 12-31-85, Cl. 560-103.000.

Gilreath, Donald L. Ball expelling device. 4,531,504, 7-30-85, Cl. 124-78.000.

Gilroy, Keith: *See—*
  - McCord, Kenneth R.; Bullock, James K.; Gille, Henrick K.; and Gilroy, Keith, 4,539,998, Cl. 128-675.000.

Gilson, Alan P., to United States of America, Air Force. Optical disc transport system. 4,519,055, 5-21-85, Cl. 369-37.000.

Gilson, Alan P.: *See—*
  - Plasencia, Armand J.; Tusso, Robert J.; and Gilson, Alan P., 4,558,373, Cl. 358-285.000.

Gilson, Jean-Pierre, to UOP Inc. Method of preparing silicate composition. 4,537,866, 8-27-85, Cl. 502-70.000.

Gilson, Karle B.: *See—*
  - Arena, Joseph W.; Gilson, Karle B.; Malcolm, David T.; and Mellander, John A. R., 4,541,880, Cl. 156-94.000.

Gilson Medical Electronics (France): *See—*
  - Bonneyrat, Alain M.; and Lanclais, Christian L., 4,546,643, Cl. 73-61.10C.

Gilson, Richard D.; and Young, Edgar D., to Foggles, Inc. Eyewear with translucent superior field of view. 4,542,964, 9-24-85, Cl. 351-44.000.

Gilstrap, Lonnie D.: *See—*
  - Dunn, Jimmy L.; Gilstrap, Lonnie D.; Land, Ronny L.; and Romeo, Frank C., 4,544,193, Cl. 294-86.400.

Giltnane, Robert, to Plastics Industries, Inc. Non-cylindrical leg system particularly useful for upholstered furniture. 4,549,711, 10-29-85, Cl. 248-188.000.

Gilvary, John P.; and Lawton, John V., to Niles Chemical Paint Co. Low temperature cure sealant. 4,540,731, 9-10-85, Cl. 524-269.000.

Gilvin, Allie F.: *See—*

Laiewski, Stanislaus J.; Hessen, Thomas A.; Hardy, Thomas R.; and Gilvin, Allie F., 4,552,600, Cl. 156-73.100.

Gilvydis, Jaunutis B., to United States of America, Army. Observation system for military vehicles. 4,518,990, 5-21-85, Cl. 358-87.000.

Gilvydis, Jaunutis B., to United States of America, Army. Military vehicles. 4,524,674, 6-25-85, Cl. 89-36.00H.

Gilwee, William J., Jr.: *See—*

Nir, Zohar; and Gilwee, William J., Jr., 4,550,129, Cl. 523-433.000.

Gimar S.A.: *See—*

Mareau, Dominique, 4,505,382, Cl. 198-819.000.

Gimber, Gerald A.: *See—*

Haschke, Elliot M.; Gimber, Gerald A.; and Groves, Kenneth O., 4,532,024, Cl. 208-11.0LE.

Gimel, Bernard; and DeFay, Christian, to Thomson-CSF. Process for printing dots on a heat sensitive paper by a thermal printer and printer using this process. 4,500,891, 2-19-85, Cl. 346-76.0PH.

Gimpel, Franco. Crosslinkable polyolefin compositions containing synthetic zeolite molecular sieves. 4,529,750, 7-16-85, Cl. 523-210.000.

Gimpel, Juergen; Schwendemann, Volker; and Gulbins, Erich, to BASF Aktiengesellschaft. Surface coating binder containing blocked isocyanate groups. 4,530,978, 7-23-85, Cl. 525-528.000.

Gimpel, Jurgen; Jackel, Klaus-Peter; and Sander, Hans, to BASF Aktiengesellschaft. High solids baking finishes. 4,510,284, 4-9-85, Cl. 524-379.000.

Gimpelson, George E.; and Russo, Cheryl L., to Harris Corporation. Plasma sculpturing with a non-planar sacrificial layer. 4,515,652, 5-7-85, Cl. 156-643.000.

Ginardi, Jack L., to Valley Candle Mfg. Co., Inc. Candle including flame adjustment means and automatic flame extinguisher means. 4,496,307, 1-29-85, Cl. 431-34.000.

Gindi, Abraham M., to Gindi, Abraham M. Apparatus and method for forming d.c. free codes. 4,547,890, 10-15-85, Cl. 375-19.000.

Gindler, E. Melvin, to Sherwood Medical Company. Specimen embedding composition. 4,497,792, 2-5-85, Cl. 424-3.000.

Gindre, Andre V.: *See—*

Harvey, John D.; and Gindre, Andre V., 4,562,109, Cl. 428-220.000.

Gindre, Jean: *See—*

Mirebeau, Pierre; and Gindre, Jean, 4,555,458, Cl. 429-203.000.

Giner, Inc.: *See—*

Giner, Jose D., 4,508,598, Cl. 204-1.00T.

Giner, Jose D., to Giner, Inc. Gas sensor and method of using same. 4,508,598, 4-2-85, Cl. 204-1.00T.

Giner-Sorolla, Alfredo: *See—*

Hadden, John W.; Simon, Lionel N.; and Giner-Sorolla, Alfredo, 4,510,144, Cl. 514-257.000.

Gingerich, David J.; Rose, William H.; Rupnik, David W.; and Shaffer, David T., to AMP Incorporated. Electrical switch and actuating mechanism therefor. 4,531,030, 7-23-85, Cl. 200-68.200.

Gingerich, David J.: *See—*

Galloway, Michael D.; Gingerich, David J.; and Shaffer, David T., 4,497,983, Cl. 200-5.00R.

Gingras, Roger. Machine for bending and shearing sheet metal. 4,506,433, 3-26-85, Cl. 29-560.000.

Gini, Donald; and Stockton, Dean B., to International Business Machines Corporation. Method and apparatus for coating magnetic recording media. 4,518,634, 5-21-85, Cl. 427-128.000.

Ginkel, Ernst R.: *See—*

Vincent, Arthur L; Robinson, James R.; and Ginkel, Ernst R., 4,526,755, Cl. 422-90.000.

Ginley, David S.: *See—*

Baughman, Richard J.; and Ginley, David S., 4,550,014, Cl. 423-289.000.

Ginn, Ian D.; Gleave, Leonard; and Woods, Leslie, to Metal Box p.l.c. Apparatus for handling thin sheets of material. 4,492,135, 1-8-85, Cl. 83-155.000.

Ginnasi, Alessandro: *See—*

Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,514,203, Cl. 62-17.000.

Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,529,424, Cl. 62-17.000.

Gazzi, Luigi; Rescalli, Carlo; Scaramucci, Maria A.; and Ginnasi, Alessandro, 4,545,965, Cl. 423-229.000.

Ginnings, Paul R., to Goodyear Tire & Rubber Company, The. High slip polyester films containing siloxane units. 4,496,704, 1-29-85, Cl. 528-26.000.

Ginnow, Oscar H.; and Ginnow, Roger H. Apparatus for feeding loose fasteners to a plurality of fastening machines. 4,503,993, 3-12-85, Cl. 221-10.000.

Ginnow, Roger H.: *See—*

Ginnow, Oscar H.; and Ginnow, Roger H., 4,503,993, Cl. 221-10.000.

Ginns, Haskell; and Finn, Albert E., to Indikon Company, Inc., The. Engine monitoring system. 4,535,624, 8-20-85, Cl. 73-119.00R.

Ginpil, Frederick D.; Milner, Morris; and Senders, John W., to Ontario Crippled Children's Centre. Body supporting network. 4,547,918, 10-22-85, Cl. 5-446.000.

Ginsburgh, Irwin: *See—*

Walker, Donald C.; and Ginsburgh, Irwin, 4,505,308, Cl. 141-59.000.

Ginster, Helmut, to Draftex Development AG. Glazing supports. 4,530,192, 7-23-85, Cl. 52-397.000.

Ginter, Carl A. Quill stop device. 4,521,144, 6-4-85, Cl. 409-218.000.

Ginter, Sally P.: *See—*

Hoenig, Stephen M.; Flores, David P.; and Ginter, Sally P., 4,532,187, Cl. 428-457.000.

Pawloski, Chester E.; and Ginter, Sally P., 4,496,494, Cl. 260-977.000.

Pawloski, Chester E.; and Ginter, Sally P., 4,510,101, Cl. 260-928.000.

Pawloski, Chester E.; and Ginter, Sally P., 4,556,710, Cl. 544-214.000.

Termine, Enrico J.; and Ginter, Sally P., 4,511,688, Cl. 524-380.000.

Ginther, George E., Sr.: *See—*

Johnson, A. David, Jr.; Bachman, Joseph L., Jr.; Ginther, George E., Sr.; Zimmermann, Charles E.; and Johnson, Albert D., Sr., 4,551,126, Cl. 493-453.000.

Ginzburg, Vladimir B.; and Thomas, John E., to Tippins Machinery Company, Inc. Method and apparatus for coiling strip between the roughing train and the finishing train. 4,491,006, 1-1-85, Cl. 72-202.000.

Ginzburg, Vladimir B.; and Snitkin, Sidney R., to Tippins Machinery Company, Inc. Method and apparatus for combining automatic gauge control and strip profile control. 4,513,594, 4-30-85, Cl. 72-8.000.

Ginzburg, Vladimir B., to Tippins Machinery Company, Inc. Adaptive strip wedge control for reversing mill. 4,555,922, 12-3-85, Cl. 72-229.000.

Ginzburg, Vladimir B.: *See—*

Tippins, George W.; and Ginzburg, Vladimir B., 4,503,697, Cl. 72-202.000.

Ginzburg, Vladimir E.: *See—*

Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.

Giobbio, Vincenzo; Ornato, Giorgio; Buracchi, Livio; and Mangia, Alberto, to Pierrel S.p.A. Process for the preparation of the anhydride of N-formyl-L-aspartic acid. 4,526,985, 7-2-85, Cl. 549-253.000.

Giocastro, James: *See—*

Giocastro, Joseph; Giocastro, Salvatore; and Giocastro, James, 4,556,023, Cl. 123-190.00A.

Giocastro, Joseph; Giocastro, Salvatore; and Giocastro, Peter. Compact fluid drive transmission. 4,548,096, 10-22-85, Cl. 74-650.000.

Giocastro, Joseph; Giocastro, Salvatore; and Giocastro, James. Rotary valves and gear timing. 4,556,023, 12-3-85, Cl. 123-190.00A.

Giocastro, Peter: *See—*

Giocastro, Joseph; Giocastro, Salvatore; and Giocastro, Peter, 4,548,096, Cl. 74-650.000.

Giocastro, Salvatore: *See—*

Giocastro, Joseph; Giocastro, Salvatore; and Giocastro, Peter, 4,548,096, Cl. 74-650.000.

Giocastro, Joseph; Giocastro, Salvatore; and Giocastro, James, 4,556,023, Cl. 123-190.00A.

Gioello, Debbie A. Method for designing apparel. 4,546,434, 10-8-85, Cl. 364-300.000.

Gioffre, Anthony J., to Union Carbide Corporation. Powdered carpet treating compositions. 4,526,583, 7-2-85, Cl. 8-137.000.

Gioia, Norman F.; and Seher, Fred H., to Zenith Electronics Corporation. Magnetic deflection field enhancer means for television CRT electron guns. 4,547,698, 10-15-85, Cl. 313-414.000.

Giolito, Silvio L., to Stauffer Chemical Company. Low temperature stable tert-butylphenyl diphenyl phosphate. 4,492,660, 1-8-85, Cl. 260-966.000.

Giolito, Silvio L.; and Mirviss, Stanley B., to Stauffer Chemical Company. Phosphate ester synthesis without phosphorylation catalyst. 4,559,184, 12-17-85, Cl. 260-974.000.

Giolitti, Alessandro: *See—*

Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, 4,503,075, Cl. 514-622.000.

Pestellini, Vittorio; Ghelardoni, Mario; Giolitti, Alessandro; Volterra, Giovanna; Furio, Martino; and Meli, Alberto, 4,551,451, Cl. 514-217.000.

Giolma, William H.; and Morgan, John D., to Texas Instruments Incorporated. Current to frequency converter. 4,498,020, 2-5-85, Cl. 307-261.000.

Giordano, Claudio; and Castaldi, Graziano, to Zambon S.p.A. Process for preparing esters of aryl alkanoic acids. 4,501,913, 2-26-85, Cl. 560-100.000.

Giordano, Claudio; Belli, Aldo; Uggeri, Fulvio; and Villa, Giovanni, to Blaschim S.p.A. Preparation of esters of 2-(6′-methoxy-2′-naphthyl)-propionic acid via rearrangement of ketals of 2-halo-1-(6′-methoxy-2′-naphthyl)-propan-1-one. 4,560,777, 12-24-85, Cl. 549-374.000.

Giordano, Claudio: *See—*

Castaldi, Graziano; and Giordano, Claudio, 4,535,166, Cl. 548-204.000.

Castaldi, Graziano; and Giordano, Claudio, 4,537,979, Cl. 549-347.000.

Castaldi, Graziano; and Giordano, Claudio, 4,550,191, Cl. 560-056.000.

Giordano, Joseph F. Partially secure latch and lock device. 4,536,022, 8-20-85, Cl. 292-228.000.

Giordano, Salvatore, to United States of America, Energy. Monochromatic radio frequency accelerating cavity. 4,540,960, 9-10-85, Cl. 333-228.000.

Giorgioni, Angelo: *See—*

Missio, Bruno; and Giorgioni, Angelo, 4,515,025, Cl. 74-27.000.

Giorgis, John: *See—*

Anderson, Thomas E.; Bush, Alvin A.; and Giorgis, John, 4,492,881, Cl. 307-270.000.

Giori, Gualtiero, to De La Rue Giori S.A. Copperplate engraving machine for printing paper currency. 4,516,496, 5-14-85, Cl. 101-152.000.

Giori, Gualtiero; and Germann, Albrecht J., to De La Rue Giori S.A. Combined sheet fed rotary printing machine for securities, in particular bank-notes. 4,552,066, 11-12-85, Cl. 101-152.000.

Giorno, Vincent L. Induced controlled detonation internal combustion engine. 4,543,916, 10-1-85, Cl. 123-48.00A.

Gioso, John. All purpose vehicle travel organizer. 4,512,503, 4-23-85, Cl. 224-42.42R.

Giovagnoli, Paul S., to Master Pitching Machine, Inc. Spring-type ball pitching machine. 4,524,749, 6-25-85, Cl. 124-7.000.

Giovanni Mazza: *See—*

Griffioen, G., 4,542,302, Cl. 307-326.000.

Giovanni Tradigo S.n.c.: *See—*

Tradigo, Angelo; and Tradigo, Francesco, 4,554,694, Cl. 12-136.00B.

Giovanola, Massimo, to Albe S.A. Piece-holder table revolving intermittently in machine tools. 4,523,360, 6-18-85, Cl. 29-38.00C.

Gipp, Mark M., to S. C. Johnson & Son, Inc. Metastable prespotting composition. 4,530,781, 7-23-85, Cl. 252-546.000.

Gippa, Michelangelo, to Azypatent AG. Machine with an intermittently rotating table for the preformance of work operations. 4,523,359, 6-18-85, Cl. 29-38.00A.

Gipperich, Theodor: *See—*

Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, 4,505,374, Cl. 198-448.000.

Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; and Stodt, Rolf, 4,554,813, Cl. 72-251.000.

Giragosian, Paul S. Firearm assembly. 4,536,981, 8-27-85, Cl. 42-69.00B.

Giral, Louis: *See—*

Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.

Girard, Leon E. Cable control apparatus. 4,503,590, 3-12-85, Cl. 24-114.500.

Girard, Leon E.: *See—*

Anderson, Lloyd L.; and Girard, Leon E., 4,549,501, Cl. 119-99.000.

Girard, Leroy. Christmas tree ornament. 4,510,189, 4-9-85, Cl. 428-19.000.

Girard, Leroy. Ornamental assembly. 4,510,707, 4-16-85, Cl. 40-152.000.

Girard, Theodore A., to Glyco, Inc. Method of enhancing solubility of halogenated hydantoins. 4,537,697, 8-27-85, Cl. 252-90.000.

Girard, Theodore A.; and Franklin, Lloyd C., to Glyco Chemicals, Inc. Shaped halogenated hydantoins. 4,560,766, 12-24-85, Cl. 548-311.000.

Girard, Thomas L.; and Lewis, Monty D., to Indoor Activities Unlimited. Game ball. 4,522,396, 6-11-85, Cl. 273-58.00K.

Girardat, Roland: *See—*

Blanchandin, Monique Girardat, Roland; and Vanestrenvord, Jean-Michel, 4,555,675, Cl. 330-289.000.

Girardeau, Yvette: *See—*

Gagne, Pierre; Girardeau, Yvette; and Pointud, Bernard, 4,539,366, Cl. 524-507.000.

Gagne, Pierre; Girardeau, Yvette; and Pointud, Bernard, 4,551,382, Cl. 428-258.000.

Girardon, Philippe; and Amen, Jean, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Process for producing a biochemical vaccine against Salmonella infection. 4,503,036, 3-5-85, Cl. 424-92.000.

Giraudon, Raymond; and Santini, Georges, to Rhone-Poulenc Agrochimie. Fungicidal 2-cyanobenzimidazole derivatives, compositions, and method of use. 4,536,502, 8-20-85, Cl. 514-227.000.

Girault, Daniel G., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Lubricating and cooling system for intershaft bearing of turbojet. 4,502,274, 3-5-85, Cl. 60-39.080.

Girault, Pierre: *See—*

Nezot, Francois; Girault, Pierre; Tessier, Jean; and Martel, Jacques, 4,501,894, Cl. 548-186.000.

Giravions Dorand: *See—*

Allard, Jean-Claude; Briard, Rene; and Saunier, Christian, 4,534,735, Cl. 434-20.000.

Briard, Rene; Saunier, Christian; and Canova, Guy, 4,521,196, Cl. 434-20.000.

Girerd, Jean-Paul: *See—*

Berthelot, Daniel; and Girerd, Jean-Paul, 4,549,924, Cl. 156-470.000.

Girgensohn, Bjoern: *See—*

Goetz, Norbert; Girgensohn, Bjoern; and Zanker, Fritz, 4,504,363, Cl. 203-14.000.

Richarz, Winfried; Mangold, Dietrich; and Girgensohn, Bjoern, 4,491,672, Cl. 564-271.000.

Girguis, Sobhy L. Constant velocity joint. 4,533,339, 8-6-85, Cl. 464-146.000.

Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., to Schering Corporation. Oxime substituted penems. 4,503,064, 3-5-85, Cl. 514-210.000.

Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., to Schering Corporation. Processes for the production of penems. 4,530,793, 7-23-85, Cl. 260-245.20R.

Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Versace, Richard W.; and Patel, Naginbhai M., to Schering Corporation. Hydrazone substituted penems. 4,559,333, 12-17-85, Cl. 514-192.000.

Girijavallabhan, Viyyoor M.: *See—*

McCombie, Stuart W.; Ganguly, Ashit K.; and Girijavallabhan, Viyyoor M., 4,504,485, Cl. 514-192.000.

Girling Limited: *See—*

Farr, Glyn P. R., 4,548,037, Cl. 60-552.000.

Girling, Peter M.; and Lisi, Edward L., to Exxon Research & Engineering Co. Monitoring flow-rate changes of a plurality of fluid streams. 4,529,703, 7-16-85, Cl. 436-3.000.

Girlock Limited: *See—*

Wang, Nui, 4,499,977, Cl. 188-72.600.

Girmes Vertriebsgesellschaft fur Industrietextilien mbH: *See—*

Hynek, Bernd; Valk, Giselher; and Treptau, Gerhard, 4,525,403, Cl. 428-87.000.

Girod, George F.: *See—*

Rosen, Howard N.; Kent, Albert C.; and Girod, George F., 4,559,823, Cl. 73-338.000.

Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knabe, Andreas; Koch, Roland; Urbach, Bernd; and Weisselberg, Arnold, to VEB Gaskombinat Schwarze Pumpe. Device for internal welding of pipes or the like. 4,500,764, 2-19-85, Cl. 219-59.100.

Girodin, Marius G., to Techniques Girodin. Multistage drum compressor. 4,516,913, 5-14-85, Cl. 417-243.000.

Giroflex Entwicklungs AG: *See—*

Locher, Hermann, 4,502,729, Cl. 297-301.000.

Girogioni di A. Giorgioni & C. s.a.s.: *See—*

Missio, Bruno; and Giorgioni, Angelo, 4,515,025, Cl. 74-27.000.

Girolamo, Mario: *See—*

Solomon, David H.; Ross, John B.; Girolamo, Mario; and Brett, Robert A., 4,536,016, Cl. 283-111.000.

Giroldini, Villiam; and Neri, Carlo, to Anic S.p.A. Synthesizing thiocarbamic acid esters. 4,497,739, 2-5-85, Cl. 260-239.0BF.

Giroldini, Villiam: *See—*

Neri, Carlo; Giroldini, Villiam; Traversoni, Mario; Guizzi, Guido; Perrotti, Emilio; and Rinaldi, Antonio, 4,562,266, Cl. 549-462.000.

Giroud-Abel, Bruno, to Rhone-Poulenc Specialites Chimiques. Fireproofed polyamide compositions. 4,559,372, 12-17-85, Cl. 523-205.000.

Giroux, Claude, to Texas Turbine, Inc. Face seal with resilient packing ring forcing face rings together. 4,544,167, 10-1-85, Cl. 277-82.000.

Girrell, Carol A.; and Japka, Joseph E., to Procedyne Corp. Surface treatment of metals. 4,547,228, 10-15-85, Cl. 148-16.000.

Girrell, Carol A.: *See—*

Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., 4,512,821, Cl. 148-16.500.

Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., 4,524,957, Cl. 266-252.000.

Girsch, B. J. Maria; Girsch, Charles W.; and McCarthy, Thomas C., to Hasbro Industries, Inc. Shape-matching toy apparatus with safety hinge. 4,508,512, 4-2-85, Cl. 434-259.000.

Girsch, Charles W.: *See—*

Girsch, B. J. Maria; Girsch, Charles W.; and McCarthy, Thomas C., 4,508,512, Cl. 434-259.000.

Moriarity, Aaron J.; and Girsch, Charles W., 4,543,740, Cl. 40-315.000.

Girsch Design Associates: *See—*

Moriarity, Aaron J.; and Girsch, Charles W., 4,543,740, Cl. 40-315.000.

Girton, Virgil M.; Marason, Gabriel, Jr.; and Wang, Lawrence C., to Mattel, Inc. Pull string inertial voice unit. 4,510,590, 4-9-85, Cl. 369-63.000.

Girty, Vernon L. Boot removal apparatus. 4,537,337, 8-27-85, Cl. 223-114.000.

Giruckij, Olgert I.: *See—*

Hau, Antonin; Srubar, Jiri ; Esenovskij-Laskov, Jurij K.; and Giruckij, Olgert I., 4,545,264, Cl. 74-688.000.

Girvin, Richard J.: *See—*

McClellan, W. Roy, III; Girvin, Richard J.; and Conner, William A., 4,503,562, Cl. 455-22.000.

Gisi, Ulrich: *See—*

Devoise-Lambert, Andre ; and Gisi, Ulrich, 4,507,310, Cl. 514-376.000.

Gislaved Aktiebolag: *See—*

Wadell, Georg, 4,506,933, Cl. 305-35.00R.

Gismervik, Jan E.; and Sveinsbo, Gunnar. Magnetic float controlled electric switch. 4,499,348, 2-12-85, Cl. 200-84.00C.

Gismondi, Thomas E.: *See—*

Ernst, Bruce H.; Howard, Dennis D.; and Gismondi, Thomas E., 4,513,112, Cl. 524-590.000.

Gispen, Willem H., to Akzo N.V. Peptides with nerve-regenerating properties. 4,550,099, 10-29-85, Cl. 514-14.000.

Gispen + Staalmeubel B.V.: *See—*

de Boer, Peter, 4,521,053, Cl. 297-312.000.

Gisselberg, Paul D., III. Can crusher. 4,532,861, 8-6-85, Cl. 100-233.000.

Gist, Adolphus V.: *See—*

Doorakian, George A.; Paul, Marsha A.; and Gist, Adolphus V., 4,496,709, Cl. 528-89.000.

Gist, Alfred. Security device to prevent removal of sliding windows and doors. 4,526,412, 7-2-85, Cl. 292-258.000.

Gist-Brocades N.V.: *See—*

Apontoweil, Peter; and Krasselt, Manfred M., 4,500,638, Cl. 435-235.000.

Apontoweil, Peter; and Krasselt, Manfred M., 4,505,892, Cl. 424-89.000.
Apontoweil, Peter; and Krasselt, Manfred M., 4,515,777, Cl. 424-89.000.
Bruynes, Cornelis A.; and Jurriens, Theodorus K., 4,496,720, Cl. 544-29.000.
Heijnen, Joseph J., 4,560,479, Cl. 210-603.000.
Henniger, Peter W.; van der Drift, Johannes K.; Kapur, Jagdish C.; and Fasel, Herman P., 4,528,135, Cl. 260-245.20R.
Kapur, Jagdish C.; and Fasel, Herman P., 4,554,104, Cl. 260-245.20R.
van Leusen, Albert M.; and van Leusen, Adriaan M., 4,548,749, Cl. 260-239.500.
van Leusen, Albert M.; and van Leusen, Adriaan M., 4,551,278, Cl. 260-397.400.

Gisvold, Lee D.: *See—*
DeHaan, Robert; and Gisvold, Lee D., 4,494,598, Cl. 165-47.000.

Gitlestad, Svein E.: *See—*
Myhren, Jan; and Gitlestad, Svein E., 4,526,678, Cl. 209-2.000.

Gitlin, Harvey S.; and Duffy, John J. Coin slide with coin drop delay means. 4,499,983, 2-19-85, Cl. 194-1.00G.

Gitlitz, Melvin H.; Russell, David B.; and Leiner, Howard H., to M&T Chemicals Inc. Erodible terpolymer from tributyl tin acrylate or methacrylate and paints for fouling control. 4,532,269, 7-30-85, Cl. 523-122.000.

Gitlitz, Melvin H.: *See—*
Bednarski, John R.; Gitlitz, Melvin H.; and Russo, David A., 4,547,532, Cl. 523-122.000.

Gitman, Grigory M., to Cadre Corporation, The. Centralized ladle heating and drying system. 4,494,927, 1-22-85, Cl. 432-9.000.

Gittinger, Norman C., to General Electric Company. System for compatible transmission of high-resolution TV. 4,521,803, 6-4-85, Cl. 358-12.000.

Gittos, Maurice W.; and Spedding, Michael, to Merrell Dow Pharmaceuticals Inc. Antihypertensive 3-furoyl-1,4-dihydropyridines. 4,529,733, 7-16-85, Cl. 514-336.000.

Giubardo, Mark J.: *See—*
Michaels, Sheldon B.; and Giubardo, Mark J., 4,549,312, Cl. 455-311.000.

Giubbolini, Marco; and Marziali, Walter, to Selenia, Industrie Elettroniche Associate, S.p.A. Device for estimating the operating frequency of a source of recurrent signals. 4,523,291, 6-11-85, Cl. 364-724.000.

Giulekas, Gus: *See—*
Zapisek, John M.; and Giulekas, Gus, 4,516,040, Cl. 307-468.000.

Giuli, Dino, to Selenia, Industrie Elettroniche Associate, S.p.A. Adaptive jamming-signal canceler for radar receiver. 4,544,926, 10-1-85, Cl. 343-18.00E.

Giuliani, John F.; and Wohltjen, Henry, to United States of America, Navy. Reversible optical waveguide vapor sensor. 4,513,087, 4-23-85, Cl. 436-96.000.

Giuliani, Karen A.: *See—*
Giuliani, Robert L.; Giuliani, Karen A.; and Giuliani, Mark A., 4,498,430, Cl. 123-58.00R.

Giuliani, Mark A.: *See—*
Giuliani, Robert L.; Giuliani, Karen A.; and Giuliani, Mark A., 4,498,430, Cl. 123-58.00R.

Giuliani, Robert L.; Giuliani, Karen A.; and Giuliani, Mark A. Linear reciprocating piston engine. 4,498,430, 2-12-85, Cl. 123-58.00R.

Giuliano, Concetto R.: *See—*
Jain, Ravinder K.; and Giuliano, Concetto R., 4,493,086, Cl. 372-21.000.

Giulini Chemie GmbH: *See—*
Faessle, Fritz; and Stadler, Siegmund, 4,541,471, Cl. 164-6.000.
Schanz, Klaus; Schwind, Albert; Grund, Hartmut; and Klehr, Peter, 4,539,195, Cl. 423-419.00P.

Giulio Fiocchi S.p.A.: *See—*
Galluzzi, Giovanni, 4,537,134, Cl. 102-380.000.

Giulio, Folli; and Marino, Casadei. Automatic machine for forming shaped pieces of dough. 4,492,553, 1-8-85, Cl. 425-308.000.

Giurtino, Joel F.: *See—*
Bournay, Frederick M., Jr.; and Giurtino, Joel F., 4,545,381, Cl. 128-419.00P.

Giuseppe, Carrara. Procedure and furnace to incinerate waste materials without producing smoke. 4,553,488, 11-19-85, Cl. 110-346.000.

Giussani, Alberto, to Societa Cavi Pirelli S.p.A. Oil-filled, multi-core cable with at least one conductor differing from others. 4,536,610, 8-20-85, Cl. 174-26.00R.

Giusti, Glyn R., to T. Giusti & Son Ltd. Apparatus and a process for injecting steam directly into a product in a processing vessel. 4,559,980, 12-24-85, Cl. 141-11.000.

Giusti, Raolo B., to T. Giusti & Son Ltd. Rotary mixing apparatus. 4,525,072, 6-25-85, Cl. 366-168.000.

Giusto, Pietro P., to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Circuit recovering the carrier of a signal amplitude and phase modulated by digital signals. 4,538,111, 8-27-85, Cl. 329-122.000.

GIVAG Gastro-Installationen-Vertrieb (Deutschland) GmbH: *See—*
Butenschon, Rolf, 4,555,040, Cl. 215-365.000.

Givaudan Corporation: *See—*
Chalk, Alan J.; and Purzycki, Kenneth L., 4,515,711, Cl. 252-522.00R.
Crameri, Yvo; Ochsner, Paul A.; and Schudel, Peter, 4,508,925, Cl. 568-442.000.
Dahill, Robert T.; Purzycki, Kenneth L.; and Golle, Erlinda F., 4,519,944, Cl. 252-522.00R.
Hochstetler, Alan R., 4,549,029, Cl. 549-429.000.
Lamparsky, Dietmar; and Kaiser, Roman, 4,500,729, Cl. 560-225.000.
Naegeli, Peter; and Rohr, Martin, 4,496,476, Cl. 252-522.00R.
Naipawer, Richard E.; and Chalk, Alan J., 4,517,386, Cl. 568-483.000.
Ochsner, Paul A., 4,544,714, Cl. 252-522.00R.
Rohr, Martin; and Flynn, Cormack, 4,547,315, Cl. 252-522.00R.
Virgilio, Joseph A.; Manowitz, Milton; and Heilweil, Emanuel, 4,508,908, Cl. 548-213.000.

Givens, Edwin N.; and Hoover, David S., to International Coal Refining Company. Removal of basic nitrogen compounds from hydrocarbon liquids. 4,521,299, 6-4-85, Cl. 208-254.00R.

Givens, Edwin N.: *See—*
Ying, David H. S.; McDermott, Wayne T.; and Givens, Edwin N., 4,558,651, Cl. 110-347.000.

Givens, Henry M. W.: *See—*
Young, Roy E.; Stricklin, Douglas K.; and Givens, Henry M. W., 4,498,554, Cl. 180-236.000.

Givler, John D., to Stanadyne, Inc. Mixing valve with water modulation sealing means. 4,495,969, 1-29-85, Cl. 137-625.170.

Givol, Benny, to Altmann, Micha; and Ben-Yehuda, Yoel, part interest to each. Cylinder lock permitting extraction of broken key. 4,539,829, 9-10-85, Cl. 70-454.000.

GIW Industries, Inc.: *See—*
Addie, Graeme R., 4,527,948, Cl. 415-128.000.

Giza, Peter: *See—*
Kearney, Dolores C.; Giza, Peter; and Matz, Bruno, 4,544,013, Cl. 164-5.000.

Gizard, Michel, to Valeo. Transmission between a power input and an output shaft suitable for an automobile vehicle. 4,553,450, 11-19-85, Cl. 74-689.000.

Gjertsen, Robert K.; and Veronesi, Luciano, to Westinghouse Electric Corp. Nuclear reactor fuel assembly with improved top nozzle and hold-down means. 4,534,933, 8-13-85, Cl. 376-364.000.

Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., to Institut Organicheskoi Khimii Akademii Nauk Ukrainskoi SSR; and Kievsky Nauchno-Issledovatelsky Institut Otolaringologii. 6-phenyl-2,3,5,6-tetrahydroimidazo-[2,1-b]-thiazole derivatives. 4,550,170, 10-29-85, Cl. 548-154.000.

GK Technologies, Incorporated: *See—*
Norling, Thomas B.; Polkowski, Joseph H.; Poulsen, Jeffrey A.; and Robinson, Daniel E., 4,533,914, Cl. 340-825.790.
Whitlock, Jonathan B.; and Drzala, Christopher W., 4,531,102, Cl. 331-1.00A.

GKN Automotive Components, Inc.: *See—*
Hazebrook, Daniel W.; Gehrke, Glenn F.; and Schmidt, Michael J., 4,511,346, Cl. 464-146.000.

GKN Sankey Limited: *See—*
Edwards, Michael F.; and Mabon, John D., 4,504,095, Cl. 301-63.00R.

GKN Screws & Fasteners Limited: *See—*
Gill, Peter J., 4,548,168, Cl. 123-90.540.

GKN-Stenman AB: *See—*
Nilsson, Erik A., 4,548,061, Cl. 70-370.000.
Widen, Bo; and Rubensson, Bjorn, 4,507,944, Cl. 70-276.000.

GKN Technology Limited: *See—*
Edwards, Michael F.; Barlow, John; Foreman, Frederick A.; and Williams, Gwynne, 4,538,860, Cl. 305-56.000.
Le Gallais, Raymond, 4,505,460, Cl. 267-54.00R.
Marsh, Barry J., 4,508,325, Cl. 267-47.000.

GKSS-Forschungszentrum Geesthacht GmbH: *See—*
Luther, Gunter; Loebel, Peter; Risse, Gerhard; and Leiser, Volker, 4,510,932, Cl. 128-204.290.
Michaelis, Walfried; Fanger, Hans-Ulrich; and The, Hans L., 4,539,649, Cl. 364-558.000.
Richter, Uwe; and Kellershofen, Hans, 4,545,317, Cl. 114-222.000.
Timm, Hans; and Griesbach, Heinz, 4,556,488, Cl. 210-321.100.

Glaab, Joseph B., to General Instrument Corporation. Circuit for providing accurately spaced video and sound carriers. 4,546,387, 10-8-85, Cl. 358-186.000.

Glaab, Joseph B., to General Instrument Corporation. Adaptive video descrambling system. 4,562,465, 12-31-85, Cl. 358-120.000.

Glabiszewski, Richard, to Otto Bock Orthopadische Industrie KG. Articulated hip-joint for an artificial leg. 4,513,457, 4-30-85, Cl. 3-15.000.

Glabiszewski, Richard, to Otto Bock Orthopadische Industrie KG. Tubular joint for receiving and fastening tubular skeleton elements of artificial limbs. 4,529,332, 7-16-85, Cl. 403-366.000.

Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, to La Calhene; and Commissariat a l'Energie Atomique. Master-slave type telescopic telemanipulator. 4,493,598, 1-15-85, Cl. 414-1.000.

Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, to Commissariat a l'Energie Atomique; and La Calhene. Master-slave telescopic remote manipulator. 4,549,839, 10-29-85, Cl. 414-7.000.

Glachet, Charles: *See—*
Geffroy, Jean; Glachet, Charles; Moulin, Maurice; and Noel, Jean P., 4,491,717, Cl. 219-121.0LG.

Glacier Products: *See—*
Ames, Theodore; and Brown, Vernon E., Jr., 4,551,025, Cl. 366-144.000.

Gladd Industries, Inc.: *See—*
  Hubbert, Gordon F., 4,493,641, Cl. 432-120.000.
Gladd, Joseph H.; Plyler, Robert G.; and Suverison, Lyle B., to General Motors Corporation. Electrical header assembly. 4,491,376, 1-1-85, Cl. 339-9.00E.
Gladden, Robert S., Jr.; Johnson, Richard J.; Kidd, John C.; and Younkin, Robert A., to Tate Architectural Products, Inc. Modular tile with positioning means for use with an access floor panel system. 4,561,232, 12-31-85, Cl. 52-385.000.
Gladfelter, Elizabeth J.; Rogier, Edgar R.; and DiDomenico, Edward D., to Henkel Corporation. Polyglycidyl ethers of tricyclodecane and cured epoxy resins therefrom. 4,535,148, 8-13-85, Cl. 528-365.000.
Gladisch, Manfred; and Winklmann, Erwin, to Deutsche Babcock Werke Aktiengesellschaft. Motor and gearing to drive a valve. 4,546,281, 10-8-85, Cl. 310-83.000.
Gladisch, Manfred; and Winklmann, Erwin, to Deutsche Babcock Werke Aktiengesellschaft. Gate valve. 4,548,386, 10-22-85, Cl. 251-327.000.
Gladish, Gary W., to AT&T Technologies, Inc. Substrate elevator mechanisms. 4,514,130, 4-30-85, Cl. 414-416.000.
Gladish, Gary W.: *See—*
  Fletcher, Ivan M.; and Gladish, Gary W., 4,513,855, Cl. 198-473.000.
Gladish, Herbert E., to E. B. Eddy Forest Products, Ltd. Air film supported endless belt conveyor system. 4,550,823, 11-5-85, Cl. 198-805.000.
Gladky, Petr V.: *See—*
  Bragin, Boris F.; Gladky, Petr V.; Markuntovich, Felix D.; Perepletchikov, Evgeny F.; Frumin, Isidor I.; and Ekber, Boris Y., 4,506,865, Cl. 251-366.000.
  Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.; Perepletchikov, Evgeny F.; and Ekber, Boris Y., 4,534,540, Cl. 251-203.000.
Gladstein, Harvey. Method and apparatus for supporting logs and the like. 4,515,195, 5-7-85, Cl. 144-366.000.
Gladstone, Robert S., to Coopers Filters Limited. Gravity dump valve. 4,494,575, 1-22-85, Cl. 137-846.000.
Glaenzer Spicer: *See—*
  Orain, Michel A., 4,501,571, Cl. 464-111.000.
  Orain, Michel A., 4,504,245, Cl. 464-167.000.
  Orain, Michel A., 4,512,750, Cl. 464-111.000.
  Orain, Michel A., 4,518,370, Cl. 464-113.000.
  Orain, Michel A., 4,557,491, Cl. 277-212.0FB.
Glaeser, Christopher D.: *See—*
  Rau, Bantwal R.; Glaeser, Christopher D.; and Kuekes, Philip J., 4,521,874, Cl. 365-221.000.
  Rau, Bantwal R.; Glaeser, Christopher D.; and Kuekes, Philip J., 4,553,203, Cl. 364-200.000.
Glaeser, Wolfgang, to Grillo-Werke AG. Process for preparing zinc powder for alkaline batteries (V). 4,548,642, 10-22-85, Cl. 75-0.50B.
Glamkowski, Edward J.; Jones, Michael C., deceased; and by Jones, Herbert, administrator, to Hoechst-Roussel Pharmaceuticals Inc. 2′-substituted-spiro[benzofuran-2(3H),1′-cycloalkanes] and their analgesic and anti-depressant compositions. 4,517,311, 5-14-85, Cl. 514-462.000.
Glamkowski, Edward J.; and Fortunato, James M., to Hoechst-Roussel Pharmaceuticals Inc. 1-(aminoalkylphenyl and aminoalkylbenzyl)-indoles and indolines. 4,532,333, 7-30-85, Cl. 548-490.000.
Glamm, Paul R., to American Standard Inc. Heat pump refrigeration circuit with liquid heating capability. 4,528,822, 7-16-85, Cl. 62-238.700.
Glamorise Foundations Inc.: *See—*
  Pundyk, Bernard, 4,538,615, Cl. 128-555.000.
Glance, Bernard; and Greenstein, Lawrence J., to AT&T Bell Laboratories. Modified time-division transmission technique for digital mobile radio systems. 4,510,595, 4-9-85, Cl. 370-32.000.
Glance, Bernard: *See—*
  Cho, Alfred Y.; Glance, Bernard; Lubzens, Daniel; and Schneider, Martin V., 4,534,103, Cl. 29-571.000.
Glancy, Jerry L., to Boeing Company, The. Hook latch for an engine cowling. 4,531,769, 7-30-85, Cl. 292-113.000.
Glander, Siegfried, to Hoechst Aktiengesellschaft. Process for the level exhaust dyeing of polyester fibers. 4,491,995, 1-8-85, Cl. 8-158.000.
Glantschnig, Josef, to Zimmer, Johannes. Wiper assembly for flat-screen printer. 4,524,688, 6-25-85, Cl. 101-123.000.
Glantschnig, Josef; Gugl, Peter; Puntschart, Ernst; and Zimmer, Johannes P. M., to Zimmer, Johannes. Releasably coupled upper and lower carriage apparatus for the treatment of webs. 4,542,692, 9-24-85, Cl. 101-123.000.
Glantschnig, Josef; and Gugl, Peter, to Zimmer, Johannes. Multiple unit apparatus for the treatment of webs of material. 4,561,354, 12-31-85, Cl. 101-120.000.
Glantz, Jerome J.; and Doenges, Michael G., to Lamb-Weston, Inc. Process for making particle embedded food products. 4,559,232, 12-17-85, Cl. 426-96.000.
Glantz, Per-Olof: *See—*
  af Ekenstam, Bo T.; Glantz, Per-Olof; and Larsson, Kare, 4,557,935, Cl. 424-130.000.
Glanville, Roger: *See—*
  Cox, Anthony F.; Glanville, Roger; Lloyd, Owen; and Robbins, Keith V., 4,550,591, Cl. 73-28.000.
Glanz, James: *See—*
  Motley, Robert W.; and Glanz, James, 4,511,782, Cl. 219-121.00P.
Glanz, Kenneth D.; and Hoover, Troy E., to Appleton Papers Inc. Thermally-responsive record material. 4,520,379, 5-28-85, Cl. 346-214.000.
Glanz, Kenneth D., to Appleton Papers Inc. Thermally-responsive record material. 4,535,347, 8-13-85, Cl. 346-208.000.
Glanzmann, Alfred, to Grapha-Holding AG. Apparatus for opening folded sheets using accelerating and deaccelerating spreader elements. 4,491,311, 1-1-85, Cl. 270-54.000.
Glasauer, Rudolf; and Feigel, Josef, to International Standard Electric Corporation. Electronically commutated d.c. motor. 4,558,245, 12-10-85, Cl. 310-67.00R.
Glascock, Homer H., II: *See—*
  Carlson, Richard O.; Glascock, Homer H., II; Loughran, James A.; and Webster, Harold F., 4,541,035, Cl. 361-414.000.
Glasener, Kenneth A., to Dynagraphic Merchandising Corp. Display device. 4,553,346, 11-19-85, Cl. 40-602.000.
Glaser, David; and Whelchel, Charles J., to Lucitron, Inc. Method and apparatus for making electric connections into a compliant sealed package. 4,550,039, 10-29-85, Cl. 428-13.000.
Glaser, Eberhard; and Beitinger, Eberhard, to Ed. Zublin Aktiengesellschaft. Removal of fine-grained sediments from water bodies. 4,501,446, 2-26-85, Cl. 299-9.000.
Glaser, Hans J., to Interpane Entwicklungs-und Beratungsgesellschaft mgH & Co. K.G. Transparent, heat-insulating coating for a transparent substrate. 4,510,190, 4-9-85, Cl. 428-34.000.
Glaser, Hellmut I.: *See—*
  Perkins, Richard A.; Brady, William C.; and Glaser, Hellmut I., 4,518,406, Cl. 65-1.000.
Glaser, Herbert; and Stolzenberg, Konrad, to Rutgerswerke Aktiengesellschaft. Process for the manufacture of molded carbon bodies. 4,534,949, 8-13-85, Cl. 423-445.000.
Glaser, Hermann: *See—*
  Vogt, Wilhelm; Glaser, Hermann; and Jagers, Erhard, 4,497,747, Cl. 260-546.000.
  Vogt, Wilhelm; Jagers, Erhard; and Glaser, Hermann, 4,529,560, Cl. 260-546.000.
Glaser, Mark C.: *See—*
  Weinberg, Roger A.; and Glaser, Mark C., 4,508,167, Cl. 166-120.000.
Glaser, Michael S.; and Rochester, James R., to Hughes Aircraft Company. System and method for detecting a plurality of targets. 4,552,454, 11-12-85, Cl. 356-5.000.
Glaser, Roger M.; Petrofsky, Jerrold S.; and DuFour, Howard R., to Wright State University. Wheelchair and drive system therefor. 4,523,769, 6-18-85, Cl. 280-252.000.
Glaser, Roger M.: *See—*
  Petrofsky, Jerrold S.; Glaser, Roger M.; Phillips, Chandler A.; and Petrofsky, Steven H., 4,492,233, Cl. 128-421.000.
  Petrofsky, Jerrold S.; Phillips, Chandler A.; Glaser, Roger M.; and Heaton, Harry H., III, 4,499,900, Cl. 128-423.00W.
  Petrofsky, Jerrold S.; Glaser, Roger M.; Petrofsky, Steven H.; and Heaton, Harry H., III, 4,556,214, Cl. 272-117.000.
Glaser, Thomas W.: *See—*
  Anderson, Todd B.; Glaser, Thomas W.; and Neesz, John J., 4,544,968, Cl. 360-78.000.
Glaser, Wolfgang: *See—*
  Franke, Paul W. U.; Glaser, Wolfgang; Gebhard, Georg R. U.; and Hein, Klaus R. G., 4,540,555, Cl. 423-242.000.
  Gebhard, Georg R. U.; Hein, Klaus R. G.; and Glaser, Wolfgang, 4,526,703, Cl. 252-189.000.
  Gebhard, Georg R. U.; Hein, Klaus R. G.; and Glaser, Wolfgang, 4,533,532, Cl. 423-244.000.
Glasgeratebau Hirschmann: *See—*
  Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., 4,526,294, Cl. 222-47.000.
Glasgo, Marion L. Clamp-on marking template and saw guide for making dovetail joints. 4,531,559, 7-30-85, Cl. 144-85.000.
Glasgow, Clarence; and Alberty, Randall W., to Custom Engineering and Manufacturing Corp. Pneumatic liquid level control having either throttling of snap action. 4,542,765, 9-24-85, Cl. 137-390.000.
Glasgow, D. Gerald; and Satanek, Joseph, to United States of America, Navy. Process for preparation of cross-linked poly(tri-n-butyltin)methacrylate with simultaneous particle size reduction. 4,524,190, 6-18-85, Cl. 525-370.000.
Glashauser, Walter, to Siemens Aktiengesellschaft. Process for the production of masks having a metal carrier foil. 4,528,071, 7-9-85, Cl. 204-11.000.
Glasmeyer, Ulrich; and Willaschek, Horst, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method of producing steels of great purity and low gas content in steel mills and steel foundries and apparatus therefor. 4,544,405, 10-1-85, Cl. 75-51.200.
Glasmire, Samuel G. Protective traffic barrier. 4,544,303, 10-1-85, Cl. 404-6.000.
Glasper, John L.; Shanks, Ian A.; and Clark, Michael G., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Electronic displays. 4,527,863, 7-9-85, Cl. 350-336.000.
Glaspie, Donald L.: *See—*
  Kitterman, B. Layton; and Glaspie, Donald L., 4,519,960, Cl. 261-94.000.
Glasrud, Peder A.; and Sullivan, Thomas M., to Deere & Company. Fluid level control system. 4,529,061, 7-16-85, Cl. 184-103.00R.
Glass, Alastair M.; Johnson, Anthony M.; and Liao, Paul F., to AT&T Bell Laboratories. Photodetector having semi-insulating material and

a contoured, substantially periodic surface. 4,555,622, 11-26-85, Cl. 250-211.00J.

- Glass, Alastair M.; and Liao, Paul F., to AT&T Bell Laboratories. Photodetector having a contoured, substantially periodic surface. 4,556,790, 12-3-85, Cl. 250-211.00J.
- Glass, Andrew S.: *See—*
  - Baltes, Heinrich P.; Glass, Andrew S.; and Jauch, Karl, 4,537,504, Cl. 356-71.000.
- Glass, Arthur J.: *See—*
  - Logan, Russell J.; and Glass, Arthur J., 4,501,177, Cl. 83-105.000.
- Glass Equipment Development, Inc.: *See—*
  - Leopold, Edmund A., 4,530,195, Cl. 52-726.000.
  - Leopold, Edmund A.; and McKeown, Glen D., 4,546,723, Cl. 118-669.000.
- Glass, Frank S.: *See—*
  - Hernandez, Rafael; Chow, Edmund E.; Moncrief, Marion L., Jr.; and Glass, Frank S., 4,497,033, Cl. 364-551.000.
- Glass, Henry P., to Mall, David. Triple-edge safety razor and blade. 4,534,110, 8-13-85, Cl. 30-346.570.
- Glass, Howard L., to Rockwell International Corporation. Ceramic strontium ferrite borate. 4,493,819, 1-15-85, Cl. 423-277.000.
- Glass, Howard L., to Rockwell International Corporation. Strontium ferrite borate. 4,499,061, 2-12-85, Cl. 423-277.000.
- Glass, James W., to General Energy Systems, Inc. Hot fuel gas generator. 4,515,135, 5-7-85, Cl. 123-557.000.
- Glass, Joe R.: *See—*
  - Yung, Kenneth K.; Barlow, Craig B.; and Glass, Joe R., 4,560,538, Cl. 423-3.000.
- Glass, John P.: *See—*
  - Hollander, Edward F., Jr., 4,527,687, Cl. 206-219.000.
  - Hollander, Edward F., Jr., 4,537,308, Cl. 206-484.000.
- Glass, Joseph: *See—*
  - Panick, Karl; and Glass, Joseph, 4,496,292, Cl. 417-252.000.
- Glass, Joseph E., Jr., to Union Carbide Corporation. Hec-bentonite compatible blends. 4,561,985, 12-31-85, Cl. 252-8.50A.
- Glass, Max: *See—*
  - Kampfer, Helmut; Hase, Marie; and Glass, Max, 4,504,668, Cl. 548-120.000.
  - Kampfer, Helmut; Hase, Marie; and Glass, Max, 4,539,408, Cl. 546-139.000.
- Glass, Michael: *See—*
  - Carroll, Thomas J.; Rubin, Michael; Piccolo, Dominic J.; and Glass, Michael, 4,493,849, Cl. 426-3.000.
  - Carroll, Thomas J.; Corsello, Vincent G.; Glass, Michael; and Piccolo, Dominic J., 4,513,012, Cl. 426-5.000.
- Glass, Richard W.; and Koerner, Dennis W., to Frito-Lay, Inc. Crisp apple snack and process for making same. 4,514,428, 4-30-85, Cl. 426-321.000.
- Glass, Richard W.: *See—*
  - Mottur, George P.; and Glass, Richard W., 4,517,204, Cl. 426-94.000.
- Glass, Roger W.: *See—*
  - Cheh, Christopher H.; and Glass, Roger W., 4,492,649, Cl. 252-630.000.
- Glass, Samuel W.: *See—*
  - Lubin, David; Connor, Larry W.; and Glass, Samuel W., 4,495,383, Cl. 179-100.00L.
- Glass, Sarah M., to Dow Chemical Company, The. Interfacial polycarbonate preparation by adding additional solvent. 4,529,791, 7-16-85, Cl. 528-196.000.
- Glass, Sarah M.; and Edmondson, Morris S., to Dow Chemical Company, The. Magnesium halide catalyst support and transition metal catalyst prepared thereon. 4,547,475, 10-15-85, Cl. 502-115.000.
- Glasscock, Jessie F., Jr.: *See—*
  - Smith, Daniel J.; Glasscock, Jessie F., Jr.; Poska, Richard P.; and Kuder, Carl L., 4,542,646, Cl. 73-78.000.
- Glasscock, Stephen D.: *See—*
  - Davis, Thomas H., Jr.; and Glasscock, Stephen D., 4,491,494, Cl. 156-240.000.
- Glassman, Aaron: *See—*
  - Cusumano, Salvatore V.; and Glassman, Aaron, 4,554,877, Cl. 112-105.000.
- Glassman, Donald. Receptacle for articles or the like. 4,525,950, 7-2-85, Cl. 47-41.00R.
- Glassman, Jacob A. Indwelling catheters. 4,501,580, 2-26-85, Cl. 604-43.000.
- Glassman, Jacob A. Super-fast-starting-sustained release tablet. 4,503,031, 3-5-85, Cl. 424-15.000.
- Glassman, Jacob A. Surgical drapes. 4,524,767, 6-25-85, Cl. 128-132.00D.
- Glasson, Peter; and Wood, John, to De La Rue Systems Limited. Secure container, for example for banknotes. 4,552,075, 11-12-85, Cl. 109-52.000.
- Glasson, Richard E.: *See—*
  - Reichenbach, Dean H.; Stang, John H.; Cummings, Lewis W.; Glasson, Richard E.; and Ruthmansdorfer, David A., 4,520,627, Cl. 60-599.000.
- Glasstech, Inc.: *See—*
  - McMaster, Harold A., 4,505,671, Cl. 432-144.000.
  - McMaster, Harold A.; McMaster, Robert G.; and McMaster, Ronald A., 4,515,622, Cl. 65-351.000.
  - McMaster, Harold A., 4,529,380, Cl. 432-144.000.
  - McMaster, Ronald A., 4,512,460, Cl. 198-790.000.
  - McMaster, Ronald A., 4,517,001, Cl. 65-273.000.
  - McMaster, Ronald A.; and Nitschke, John S., 4,525,193, Cl. 65-114.000.
  - Nitschke, Dean M., 4,514,208, Cl. 65-273.000.
- Glastra, Hendrik: *See—*
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- Glasurit America, Inc.: *See—*
  - Etzell, Roger A.; Miller, Bertram J.; and Dziekan, Dennis J., 4,546,046, Cl. 428-460.000.
- Glater, Michael, to Supreme Automation Corporation. Single loop load/unload drive arrangement with latching push member for storage and retrieval system. 4,556,355, 12-3-85, Cl. 414-280.000.
- Glatt GmbH: *See—*
  - Naunapper, Dietmar; and Braun, Gunter, 4,535,006, Cl. 427-213.000.
- Glatt Maschinen- Und Apparatebau AG: *See—*
  - Glatt, Werner; and Grab, Erwin, 4,543,906, Cl. 178-1.700.
- Glatt, Werner; and Grab, Erwin, to Glatt Maschinen- Und Apparatebau AG. Device for coating particles, particularly drugs in the form of particles, such as tablets. 4,543,906, 10-1-85, Cl. 178-1.700.
- Glatthaar, Manfred: *See—*
  - Vollmer, Erwin H.; and Glatthaar, Manfred, 4,532,830, Cl. 76-45.000.
- Glattli, Hans-Heinrich: *See—*
  - Stoll, Kurt; and Glattli, Hans-Heinrich, 4,507,345, Cl. 428-137.000.
  - Stoll, Kurt; and Glattli, Hans-Heinrich, 4,520,061, Cl. 428-137.000.
  - Stoll, Kurt; and Glattli, Hans-Heinrich, 4,526,827, Cl. 428-137.000.
  - Stoll, Kurt; and Glattli, Hans-Heinrich, 4,529,214, Cl. 277-212.00F.
  - Stoll, Kurt; and Glattli, Hans-Heinrich, 4,544,130, Cl. 251-208.000.
- Glatz, Alfred C.: *See—*
  - Vaccaro, Nancy J.; Frost, John R.; Glatz, Alfred C.; and Schenz, Timothy W., 4,536,410, Cl. 426-548.000.
- Glatzel, Werner, to Blaupunkt-Werke GmbH. Connection wire alignment or orientation apparatus and method for electrical circuit elements. 4,559,978, 12-24-85, Cl. 140-147.000.
- Glauberman, Gisela: *See—*
  - Kreuzer, Franz-Heinrich; Glauberman, Gisela; and Bosch, Erhard, 4,511,728, Cl. 556-419.000.
  - Kreuzer, Franz-Heinrich; Glauberman, Gisela; and Bosch, Erhard, 4,552,942, Cl. 528-34.000.
- Glausch, Erhardt: *See—*
  - Horn, Roland; and Glausch, Erhardt, 4,519,185, Cl. 53-550.000.
- Glaverbel: *See—*
  - Claes, Paul; Dauby, Christian; Dupont, Camille; and Van Cangh, Luc, 4,557,743, Cl. 65-29.000.
  - Cornet, Julien; and Van Laethem, Robert, 4,522,847, Cl. 427-55.000.
  - Cozac, Daniel; and Rogghe, Hugo, 4,505,781, Cl. 156-640.000.
  - Delzant, Marcel, 4,542,066, Cl. 428-406.000.
  - Delzant, Marcel, 4,547,233, Cl. 149-2.000.
  - Duchene, Eloi; and Laroche, Pierre, 4,511,618, Cl. 428-215.000.
  - Laurent, Michel, 4,536,424, Cl. 428-34.000.
  - Plumat, Robert; Robyn, Pierre; and Deschepper, Pierre, 4,560,591, Cl. 427-422.000.
  - Robyn, Pierre; and Deschepper, Pierre, 4,497,473, Cl. 266-44.000.
  - Robyn, Pierre; and Deschepper, Pierre, 4,542,888, Cl. 266-44.000.
  - Smets, Jacques; and Laurent, Michel, 4,506,125, Cl. 219-10.530.
  - Smets, Jacques; and Laurent, Michel, 4,506,126, Cl. 219-10.530.
  - Toussaint, Francois; and Hoyois, Jean-Claude, 4,505,538, Cl. 350-357.000.
  - Van Laethem, Robert; Van Cauter, Albert; and Terneu, Robert, 4,536,204, Cl. 65-60.400.
- Glaxo Group Limited: *See—*
  - Brodie, Alastair C., 4,493,933, Cl. 548-194.000.
  - Clitherow, John W., 4,497,961, Cl. 549-495.000.
  - Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, 4,536,508, Cl. 514-383.000.
  - Collington, Eric W.; Hallett, Peter; Wallis, Christopher J.; and Bradshaw, John, 4,530,925, Cl. 514-211.000.
  - Crame, Andrew J.; and Borthwick, Alan D., 4,496,579, Cl. 514-411.000.
  - Crisp, Harold A.; and Clayton, John C., 4,562,181, Cl. 514-202.000.
  - Crookes, Derek L., 4,521,431, Cl. 514-471.000.
  - Hayes, Roger, 4,491,586, Cl. 424-267.000.
  - Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; and Carey, Linda, 4,507,296, Cl. 514-212.000.
  - Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; Carey, Linda; and Blatcher, Philip, 4,518,598, Cl. 514-212.000.
  - Looker, Brian E., 4,497,956, Cl. 548-194.000.
  - Looker, Brian E., 4,560,683, Cl. 514-202.000.
  - O'Callaghan, Cynthia H.; Ayres, Barry E.; Livermore, David G. H.; Newall, Christopher E.; and Weir, Niall G., 4,504,477, Cl. 514-203.000.
  - Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; Coomber, Barry A.; and Pateman, Anthony J., 4,497,805, Cl. 514-172.000.
  - Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; and Coomber, Barry A., 4,515,786, Cl. 514-182.000.
  - Price, Barry J.; Clitherow, John W.; Bradshaw, John; Martin-Smith, Michael; Judd, Duncan B.; and Hayes, Roger, 4,524,071, Cl. 514-272.000.
  - Smith, Alan; and Bailey, Peter J., 4,533,632, Cl. 435-47.000.
  - Strachan, William S.; and Brodie, Alastair C., 4,510,312, Cl. 548-194.000.
- Glaxo Laboratories Limited: *See—*
  - Napier, Eunice J.; Evans, James K.; Noble, David; and Bushell, Michael, 4,529,734, Cl. 514-375.000.

- Glaze, John W., Jr., to Intech Corporation. Hosiery processing method. 4,524,889, 6-25-85, Cl. 223-76.000.
- Glaze, Stanley G.: *See—*
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- Glazener, Carey A., to Platt Saco Lowell Corporation. Method and means for providing assemblages of opened fibers for intimate blends. 4,535,512, 8-20-85, Cl. 19-229.000.
- Glazer, Alexander N.: *See—*
  - Stryer, Lubert; Glazer, Alexander N.; and Oi, Vernon T., 4,520,110, Cl. 436-501.000.
  - Stryer, Lubert; and Glazer, Alexander N., 4,542,104, Cl. 436-536.000.
- Glazer, Edward A., to Pfizer Inc. Antiprotozoal diamidines. 4,546,113, 10-8-85, Cl. 514-636.000.
- Glazer, Sydney, to NCR Corporation. Random binary bit signal generator. 4,513,386, 4-23-85, Cl. 364-717.000.
- Glazunov, Arkady A.: *See—*
  - Ivanchenko, Nikolai N.; Sokolov, Sergei S.; Lazarev, Anatoly A.; Kataev, Evgeny M.; Glazunov, Arkady A.; and Gorbunov, Evgeny S., 4,497,309, Cl. 123-276.000.
- Gleasman, Keith E.: *See—*
  - Gleasman, Vernon E.; and Gleasman, Keith E., 4,491,035, Cl. 74-715.000.
- Gleasman, Vernon E.; and Gleasman, Keith E., to Gleason Works, The. Differential gear apparatus. 4,491,035, 1-1-85, Cl. 74-715.000.
- Gleasman, Vernon E., to Gleason Works, The. Differential gearing assembly. 4,495,835, 1-29-85, Cl. 74-715.000.
- Gleason, Edward F.: *See—*
  - Wood, Clayton D.; Garrou, Philip E.; Kohatsu, Iwao; and Gleason, Edward F., 4,559,364, Cl. 518-715.000.
- Gleason, Everett: *See—*
  - Granzow, Carl F.; Lash, Edward G.; Gleason, Everett; and Kubiak, Jerome, 4,530,226, Cl. 72-171.000.
- Gleason, George W.: *See—*
  - Daudt, Stephen W.; Gleason, George W.; Hermanson, William C.; and Olsen, Arthur A., 4,553,217, Cl. 364-560.000.
- Gleason, Henry A., III: *See—*
  - Jamieson, J. Scott; and Gleason, Henry A., III, 4,506,827, Cl. 236-46.00R.
- Gleason, James R.; Shaffer, Roy E.; and Awabdy, Issac A., to Owens-Corning Fiberglas Corporation. Ceiling board edge coating. 4,559,377, 12-17-85, Cl. 524-44.000.
- Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., to SmithKline Beckman Corporation. Leukotriene antagonists intermediates. 4,533,747, 8-6-85, Cl. 560-152.000.
- Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., to SmithKline Beckman Corporation. Leukotriene antagonists. 4,552,893, 11-12-85, Cl. 514-560.000.
- Gleason, Patricia A.; and Brase, Ingrid E., to National Starch and Chemical Corporation. Drilling mud dispersants. 4,518,510, 5-21-85, Cl. 252-8.50C.
- Gleason, Robert F.; and McLay, John, to AT&T Bell Laboratories. Method of making an optical fiber attenuator using a lossy fusion splice. 4,557,557, 12-10-85, Cl. 350-96.210.
- Gleason, Robert F.: *See—*
  - Anctil, Stephen N.; Gleason, Robert F.; Hadfield, Don A.; Logan, John S. B., Jr.; and Richardson, Alfred G., 4,538,881, Cl. 350-96.230.
  - Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.
- Gleason, Robert J.; and Feldman, Paul L., to Research-Cottrell, Inc. Process for treating flue gas with alkali injection and electron beam. 4,525,142, 6-25-85, Cl. 423-235.000.
- Gleason, Robert J.: *See—*
  - Feldman, Paul L.; and Gleason, Robert J., 4,559,211, Cl. 423-242.000.
- Gleason Works, The: *See—*
  - Gleasman, Vernon E.; and Gleasman, Keith E., 4,491,035, Cl. 74-715.000.
  - Gleasman, Vernon E., 4,495,835, Cl. 74-715.000.
  - Krenzer, Theodore J., 4,525,108, Cl. 407-22.000.
  - Stritzel, Gene A., 4,491,036, Cl. 74-715.000.
  - Stritzel, Gene A., 4,512,211, Cl. 74-745.000.
- Gleave, Leonard: *See—*
  - Ginn, Ian D.; Gleave, Leonard; and Woods, Leslie, 4,492,135, Cl. 83-155.000.
- Gleichauf, Paul H., deceased: *See—*
  - Morrison, Raymond C.; Gleichauf, Paul H., deceased; and Gleichauf, Theresa C., executrix, 4,559,468, Cl. 313-456.000.
- Gleichauf, Theresa C., executrix: *See—*
  - Morrison, Raymond C.; Gleichauf, Paul H., deceased; and Gleichauf, Theresa C., executrix, 4,559,468, Cl. 313-456.000.
- Gleichauf, Winfried: *See—*
  - Gotz, Udo; Gleichauf, Winfried; Gunther, Oswin; and Hoffmann Dietrich, 4,519,117, Cl. 29-1.200.
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- Gleichaut, Winfried; Gunther, Oswin; Hoffmann, Dietrich; and Funke, Rolf, to Mauser-Werke Oberndorf GmbH; and Karl Schmidt GmbH. Rotating band for projectiles. 4,532,868, 8-6-85, Cl. 102-527.000.
- Gleim, Robert D.; and de Grandpre, Mark P., to Rohm and Haas Company. Positive photoresists containing preformed polyglutarimide polymer. 4,524,121, 6-18-85, Cl. 430-176.000.
- Gleixner, Klaus, to Hoechst Aktiengesellschaft. Pharmaceutical compositions of xanthine derivatives tolerated by the stomach and process for their preparation. 4,542,011, 9-17-85, Cl. 424-16.000.
- Gleman, Jon F. Log loading tool. 4,522,437, 6-11-85, Cl. 294-9.000.
- Glembin, Dirk; Huhn, Kurt; Meyer, Gunter; and Thallmeier, Manfred, to Dynamit Nobel Aktiengesellschaft. Method of preparing alkalihalide free oligomeric, brominous xylylene bisphenol ethers. 4,510,334, 4-9-85, Cl. 568-643.000.
- Glen, John D.; and Glen, Rose-Mary M., to Telpac Company Limited. Packing element and method using same. 4,554,114, 11-19-85, Cl. 261-95.000.
- Glen, Rose-Mary M.: *See—*
  - Glen, John D.; and Glen, Rose-Mary M., 4,554,114, Cl. 261-95.000.
- Glenayre Electronics, Ltd.: *See—*
  - Schmid, Hartmut, 4,520,662, Cl. 73-129.000.
- Glendenning, George B.; and Glendenning, Terry S., to Farmer's Factory Co. Attachment for the snouts of combines and the like. 4,493,181, 1-15-85, Cl. 56-314.000.
- Glendenning, Terry S.: *See—*
  - Glendenning, George B.; and Glendenning, Terry S., 4,493,181, Cl. 56-314.000.
- Glenn, Edward P.: *See—*
  - Gething, Frank; and Glenn, Edward P., 4,513,533, Cl. 47-63.000.
- Glenn, Fletcher M., II: *See—*
  - Fencsik, Gabor; and Glenn, Fletcher M., II, 4,511,968, Cl. 364-200.000.
- Glenn, Robert L., to Eaton Corporation. Right-angle electrical clamping connector. 4,511,204, 4-16-85, Cl. 339-263.00R.
- Glenn, Robert L., to Eaton Corporation. Trigger operated electric switch. 4,553,005, 11-12-85, Cl. 200-153.0LA.
- Glenn, William E., to New York Institute of Technology. Matching region for damped piezoelectric ultrasonic apparatus. 4,507,582, 3-26-85, Cl. 310-327.000.
- Glenn, William E., to New York Institute of Technology. Method and apparatus for encoding and decoding video. 4,517,597, 5-14-85, Cl. 358-141.000.
- Glenn, William E., to New York Institute of Technology. Method of making deformable light modulator structure. 4,529,620, 7-16-85, Cl. 427-88.000.
- Glenn, William K., III: *See—*
  - Laing, Gordon E.; Harbeck, Martin E.; Jones, John E.; Sumerau, William R.; and Glenn, William K., III, 4,512,057, Cl. 15-320.000.
- Glenn, William M., Jr.: *See—*
  - Dulapa, Mark J.; and Glenn, William M., Jr., 4,492,119, Cl. 73-621.000.
- Glennon, Timothy F., to Sundstrand Corporation. Current source sine wave inverter. 4,502,106, 2-26-85, Cl. 363-56.000.
- Glennon, Timothy F., to Sundstrand Corporation. Pulse width modulated inverter for unbalanced and variable power factor loads. 4,507,724, 3-26-85, Cl. 363-98.000.
- Glennon, Timothy F., to Sundstrand Corporation. Triangle wave generator. 4,516,038, 5-7-85, Cl. 307-264.000.
- Glennon, Timothy F., to Sundstrand Corporation. Ripple reduction circuit for an inverter. 4,519,022, 5-21-85, Cl. 363-41.000.
- Glennon, Timothy F., to Sundstrand Corporation. Series transistor chopper. 4,520,279, 5-28-85, Cl. 307-254.000.
- Glennon, Timothy F., to Sundstrand Corporation. Inverter control system for providing an easily filtered output. 4,527,226, 7-2-85, Cl. 363-41.000.
- Glennon, Timothy F., to Sundstrand Corporation. Parallel MOSFET power switch circuit. 4,532,443, 7-30-85, Cl. 307-575.000.
- Glennon, Timothy F., to Sundstrand Corporation. Method and apparatus for reducing the number of switching transitions in a voltage source inverter. 4,559,593, 12-17-85, Cl. 363-41.000.
- Glenoit Mills, Inc.: *See—*
  - Lumb, Douglas S., 4,513,042, Cl. 428-95.000.
  - Thore, Thomas J., 4,554,801, Cl. 66-9.00B.
- Glenwood Manufacturing Corporation: *See—*
  - Goettsch, Michael R., 4,555,063, Cl. 241-46.040.
  - Johnson, Warren K.; Goettsch, Michael R.; and Olson, Archie H., 4,519,714, Cl. 366-285.000.
- Gleyze, Rene: *See—*
  - Pebeyre, Pierre-Jean; Gleyze, Rene; and Montant, Charles, 4,537,613, Cl. 71-5.000.
- Glibbery, Alan E., to Labeltech Limited. Labels. 4,529,229, 7-16-85, Cl. 283-81.000.
- Glick, J. Leslie: *See—*
  - Jacobson, James W.; Glick, J. Leslie; and Madello, Kenneth L., 4,540,506, Cl. 252-174.120.
- Glick, Robert E.: *See—*
  - Rawlings, David L.; and Glick, Robert E., 4,517,138, Cl. 264-2.100.
  - Rawlings, David L.; and Glick, Robert E., 4,517,139, Cl. 264-2.100.
- Glickman, David, to International Business Machines Corporation. Comparing input words to a word dictionary for correct spelling. 4,498,148, 2-5-85, Cl. 364-900.000.
- Glickman, Myron: *See—*
  - Lanigan, John J., Sr.; Glickman, Myron; George, Thazhuthekudiyil V.; and Ermel, Bernard A., 4,546,891, Cl. 212-221.000.
- Glicksman, Leon R., to Massachusetts Institute of Technology. Apparatus and method for drying insulation. 4,534,119, 8-13-85, Cl. 34-95.000.
- Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, to General Foods Corporation. High quality, reduced-calorie cake. 4,503,083, 3-5-85, Cl. 426-553.000.

Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, to General Foods Corporation. Process for preparing a high quality, reduced-calorie cake. 4,526,799, 7-2-85, Cl. 426-553.000.

Glicksman, Martin: *See*—
  Altomare, Robert E.; Beale, Robert J.; Glicksman, Martin; Hegedus, Elizabeth; Schulman, Marvin: and Silverman, Jerry E., 4,526,794, Cl. 426-258.000.

Gliem, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, to Degussa Aktiengesellschaft. Process for the production of binder-free press-molded heat-insulating parts. 4,529,532, 7-16-85, Cl. 252-62.000.

Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, to Schott Glaswerke. Spectacle glass with increased refractive index. 4,508,834, 4-2-85, Cl. 501-73.000.

Gliemeroth, Georg: *See*—
  Mennemann, Karl; Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,562,161, Cl. 501-59.000.
  Speit, Burkhard; Mennemann, Karl; and Gliemeroth, Georg, 4,520,115, Cl. 501-60.000.

Glinka, John; and Fish, Leonard A., to Casino Technology. Dispensing machine with removable dispensing unit. 4,534,373, 8-13-85, Cl. 133-5.00R.

Glinn, Terence G. J.; and Deverill, Robert J., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Casting of metal articles. 4,548,256, 10-22-85, Cl. 164-529.000.

Glionna, Antonio: *See*—
  Mercati, Giorgio; Mariano, Armando; Pertot, Fulvio; Glionna, Antonio; and Ferri, Mario, 4,517,355, Cl. 528-287.000.

Glitsch, Inc.: *See*—
  Kitterman, B. Layton; and Glaspie, Donald L., 4,519,960, Cl. 261-94.000.

Gliwa, William F.; and Kalina, Robert F., to AT&T Technologies, Inc. Storage reel with peripheral core relief. 4,516,737, 5-14-85, Cl. 242-77.000.

Glize, Jean-Pierre; and Gaucher, Michel M., to Electronique Marcel Dassault. Verification system, for example for passing through a toll point. 4,501,958, 2-26-85, Cl. 235-382.000.

Gloaguen, Gilbert Y. M., to U.S. Philips Corporation. Output stage for a temperature-compensated integrated E.C.L. circuit. 4,532,441, 7-30-85, Cl. 307-455.000.

Global Manufacturing Co. Inc.: *See*—
  Tompkins, L. Kirk, 4,496,076, Cl. 222-3.000.

Global Marine Inc.: *See*—
  Horton, Edward E., 4,492,270, Cl. 166-358.000.
  Horton, Edward E., 4,511,287, Cl. 405-204.000.
  Wetmore, Sherman B., 4,511,288, Cl. 405-217.000.

Global Navigation, Inc.: *See*—
  Halvorson, Sheldon J., 4,532,513, Cl. 340-971.000.
  Nolte, David B., 4,527,197, Cl. 358-168.000.

Global Upholstery Company Limited: *See*—
  Tenser, Adrian; Prizlow, Alfred J.; and Peters, Gerald I., 4,535,577, Cl. 52-221.000.

Globe Illumination: *See*—
  Bumpus, Boyd B.; Rosenblatt, Alex; and Rosenblatt, Leonard, 4,490,957, Cl. 52-489.000.

Globe Manufacturing Co.: *See*—
  English, Raymond; and Towle, Michael, 4,549,315, Cl. 2-2.000.

Globin, Nikolai K.: *See*—
  Makarov, Viktor M.; Paton, Boris E.; Globin, Nikolai K.; Usenko, Viktor G.; Khismatulin, Enver R.; Ziselman, Boris G.; Serov, Petr G.; Shel, Marat M.; and Rozenberg, Ovshiya O., 4,505,417, Cl. 228-17.700.

GLOBOL-WERK GmbH: *See*—
  von Philipp, Fritz; and Schimanski, Georg, 4,526,320, Cl. 239-43.000.

Glock, Alfred, to SKF Kugellagerfabriken GmbH. Construction of draw frames for spinning machines. 4,510,645, 4-16-85, Cl. 19-0.250.

Glock, Gaston. Automatic pistol with counteracting spring control mechanism. 4,539,889, 9-10-85, Cl. 89-147.000.

Glock, Thomas L.; and Credelle, Thomas L., to RCA Corporation. Modulator structure and method for flat panel display devices. 4,517,489, 5-14-85, Cl. 313-422.000.

Glockner, Gary: *See*—
  Sinclair, Franklin H.; and Glockner, Gary, 4,494,565, Cl. 137-555.000.
  Sinclair, Franklin H.; and Glockner, Gary, 4,494,566, Cl. 137-556.000.

Glockner, Rolf; and Stutz, Hansruedi, to Gebruder Loepfe AG. Device for measuring the transverse dimension of a thread. 4,511,253, 4-16-85, Cl. 356-385.000.

Glodo, David O.; and McFaddin, James, to Core Laboratories, Inc. Signal processing apparatus. 4,524,420, 6-18-85, Cl. 364-497.000.

Glomeau, J. Robert, to Rexa Corporation. Control valve and hydraulic system employing same. 4,557,180, 12-10-85, Cl. 91-446.000.

Glommen, Anton L. Reversible chuck. 4,548,417, 10-22-85, Cl. 279-5.000.

Glomski, Guenter: *See*—
  Beerwald, Hans; Boehm, Guenter; and Glomski, Guenter, 4,508,554, Cl. 65-3.100.

Glomski, Ronald L.: *See*—
  Thomson, Timothy; and Glomski, Ronald L., 4,541,965, Cl. 260-505.00C.

Glonek, Robert L.; Kantor, Paul; and Perry, Loren R., to Glonek, Robert L. Structural foam swimming pool wall and brace and method of erecting same. 4,548,005, 10-22-85, Cl. 52-155.000.

Gloomis, Lawrence A., to General Motors Corporation. Lap and shoulder belt retractor. 4,518,130, 5-21-85, Cl. 242-107.000.

Gloor, Peter; Gschwend, Hans; Mark, Fritz; and Matt, Lukas, to Hilti Aktiengesellschaft. Device for driving nails and similar fastening elements. 4,530,454, 7-23-85, Cl. 227-129.000.

Glor, Paul R.: *See*—
  McDaniel, Robert S., Jr.; Glor, Paul R.; and Kickle, Hunter L., 4,557,729, Cl. 8-111.000.

Glore, Thomas G., to Singer Company, The. Free floating actuating sleeve for keyless chuck. 4,498,682, 2-12-85, Cl. 279-1.00K.

Glory Kogyo Kabushiki Kaisha: *See*—
  Asami, Kazuto; Baba, Takao; Nakamura, Minoru; and Tanaka, Mitsuaki, 4,554,775, Cl. 53-64.000.
  Ikuta Yoshiaki; and Tanaka, Takashi, 4,558,711, Cl. 133-3.00F.
  Nakamura, Minoru; and Asami, Kazuto, 4,515,172, Cl. 133-8.00A.
  Yonekura, Kenichi; Asami, Kazuto; Hino, Yushi; and Yagi, Katsumi, 4,531,625, Cl. 194-102.000.

Gloskey, Carl R. Process for the preparation of urethane foam. 4,532,262, 7-30-85, Cl. 521-127.000.

Gloss, Erwin; Lotterbach, Gerhard; Perenthaler, Egbert; Schenk, Manfred; Van Woudenberg, Jan F.; and Zucker, Udo, to Robert Bosch GmbH. Method of and device for controlling after-start enrichment of internal combustion engine. 4,556,036, 12-3-85, Cl. 123-491.000.

Gloth, Richard E.; Tazuma, James J.; and Smith, Robert A., to Goodyear Tire & Rubber Company, The. Polymeric compounds prepared from diphenylamine and dialkylalkenylbenzene or dihydroxyalkylbenzene. 4,537,952, 8-27-85, Cl. 528-392.000.

Glotin, Bernard J., to Schlumberger Technology Corporation. Control apparatus for oil well production string closing tool. 4,553,599, 11-19-85, Cl. 166-332.000.

Glotin, Bernard J.: *See*—
  Beseme, Jean H.; Corral, Jose R.; and Glotin, Bernard J., 4,559,709, Cl. 33-178.00F.

Glotov, Boris N.: *See*—
  Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.

Glotz, Gerhard: *See*—
  Bocker, Jurgen; Gersbach, Klaus; Bethmann, Karl W.; and Glotz, Gerhard, 4,524,697, Cl. 102-517.000.
  Klein, Klaus-Walter; Bocker, Jurgen; Glotz, Gerhard; and Gersbach, Klaus, 4,516,502, Cl. 102-523.000.

Glova, David J., to Chevron Research Company. Refrigeration lubricating oil containing dialkyl sulfosuccinate. 4,556,496, 12-3-85, Cl. 252-33.000.

Glover, Armond D.: *See*—
  Call, Eugene H.; and Glover, Armond D., 4,558,876, Cl. 279-1.0DA.

Glover, David A., to Amway Corporation. Anti-dandruff cream rinse conditioner. 4,557,928, 12-10-85, Cl. 424-70.000.

Glover, Douglas W.: *See*—
  Bowen, Terry P.; Caron, Bernard G.; Cooper, Ronald F.; and Glover, Douglas W., 4,534,616, Cl. 350-96.200.

Glover, Gary H.; and Pelc, Norbert J., to General Electric Company. Method and apparatus for compensating CT images for truncated projections. 4,550,371, 10-29-85, Cl. 364-414.000.

Glover, Gary H.; DallaPiazza, Dennis G.; and Pelc, Norbert J., to General Electric Company. Sampled data CT system including analog filter and compensating digital filter. 4,554,633, 11-19-85, Cl. 364-414.000.

Glover, Gary H.; and Kerwin, Edward M., to General Electric Company. X-ray detector with compensation for height-dependent sensitivity and method of using same. 4,559,639, 12-17-85, Cl. 378-19.000.

Glover, John H., to Sundstrand Corporation. Aircraft in-flight center of gravity measuring system. 4,545,019, 10-1-85, Cl. 364-463.000.

Glover, Leon C.: *See*—
  Rinde, James A.; Lopez, Eugene F.; and Glover, Leon C., 4,507,340, Cl. 428-36.000.

Glover, Loren J.; Flower, Milton O.; and Pinassi, David J., to Max Factor & Co. Compact having a removable godet. 4,538,725, 9-3-85, Cl. 206-37.000.

Glover, Melvin L.: *See*—
  Hamlin, David A.; and Glover, Melvin L., 4,542,805, Cl. 182-91.000.

Glover, Neal; O'Keeffe, Michael J.; and Perera, S. Robert, to Storage Technology Partners II. Shared encoder/decoder circuits for use with error correction codes of an optical disk system. 4,562,577, 12-31-85, Cl. 371-38.000.

Glover, Richard W.: *See*—
  Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, 4,534,068, Cl. 2-414.000.
  Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, 4,558,470, Cl. 2-414.000.

Glover, William D.; and Lalich, Michael J., to Foote Mineral Company. Stabilizing inoculent for gray iron. 4,505,747, 3-19-85, Cl. 75-251.000.

Gloviak, John A., to Stewart-Warner Corporation. Automatic lubrication assembly. 4,496,030, 1-29-85, Cl. 184-45.00R.

Glowacki, Pierre A.; and Mandet, Gerard M. F., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Turbine rotor cooling. 4,522,562, 6-11-85, Cl. 416-95.000.

Glowatzki, Waldemar. Conveyance system. 4,531,628, 7-30-85, Cl. 198-432.000.

Glownia, James H.; and Sander, Robert K., to United States of America, Energy. Resonantly enhanced method for generation of tunable, coherent vacuum ultraviolet radiation. 4,529,944, 7-16-85, Cl. 330-4.300.

Gloyeski, David D.: *See*—

Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.

Gloystein, Jurgen, to Conver Ing. - Technik GmbH & Co., KG. Stowing strut for making fast containers or the like. 4,497,271, 2-5-85, Cl. 114-75.000.

Gluck, Roland: *See*—

Kizler, Wolfgang; Sieder, Wolfgang; Schopf, Hans-Joachim; Dobler, Helmut; and Gluck, Roland, 4,523,916, Cl. 464-98.000.

Glucksman, Dov Z. Hair curling roller. 4,548,218, 10-22-85, Cl. 132-39.000.

Gluckstern, Robert L.; Holsinger, Ronald F.; and Lown, Robert R., to Field Effects, Inc. Tunable segmented ring magnet and method of manufacture. 4,538,130, 8-27-85, Cl. 335-306.000.

Glukhikh, Rudolf G.: *See*—

Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.

Glumac, Nick P. Mobile storage platform and liftable bed trailer. 4,537,378, 8-27-85, Cl. 248-163.100.

Gluschenko, Anatoly D.: *See*—

Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.

Glutz, Peter: *See*—

Ellett, Kenneth W.; and Glutz, Peter, 4,513,190, Cl. 219-56.210.

Glyco-Antriebstechnik GmbH: *See*—

Stich, Bodo; Hassler, Ernst; and Adamowicz, Slawomir, 4,538,974, Cl. 418-26.000.

Stich, Bodo; Hassler, Ernst; and Cyphelly, Ivan-Jaroslav, 4,549,862, Cl. 418-133.000.

Glyco Chemicals, Inc.: *See*—

Girard, Theodore A.; and Franklin, Lloyd C., 4,560,766, Cl. 548-311.000.

Glyco, Inc.: *See*—

Girard, Theodore A., 4,537,697, Cl. 252-90.000.

Glyco Maschinenbau-GmbH: *See*—

Lamperski, Heinrich; and Gerling, Paul, 4,540,294, Cl. 384-273.000.

Glyco-Metall-Werke Daelen & Loos GmbH: *See*—

Hodes, Erich; Lippok, Peter; and Miotk, Bernd, 4,562,122, Cl. 428-644.000.

Wegner, Karl-Heinz; Hodes, Erich; and Mann, Horst, 4,540,630, Cl. 428-408.000.

Glynn, Gregory L.: *See*—

Johnston, James J.; and Glynn, Gregory L., 4,533,790, Cl. 174-115.000.

Glyzin, Vladimir I.: *See*—

Rusakova, Svetlana V.; Glyzin, Vladimir I.; Kocherga, Stepan I.; Ananieva, Alla A.; and Libizova, Larisa F., 4,518,592, Cl. 424-195.100.

Gesellschaft mit beschrankter Haftung Kabelmetal Electro: *See*—

Roderburg, Harald, 4,554,179, Cl. 427-163.000.

GME, Inc.: *See*—

Hamilton, Glen T., 4,522,013, Cl. 53-220.000.

Gmeinder, Hermann; and Wenger, Georg, to Kaltenbach & Voigt GmbH & Co. Arrangement for converting the pressure of a medium into an electrical signal. 4,514,604, 4-30-85, Cl. 200-83.00N.

Gmeiner, Gunter; Moller, Hermann; Andres, Rudolf; and Faust, Eberhard, to Daimler-Benz Aktiengesellschaft. Motor vehicle seat. 4,497,517, 2-5-85, Cl. 297-231.000.

Gmelin, Karl; Kubach, Hans; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schelhas, Peter, to Robert Bosch GmbH. Fuel injection system. 4,545,353, 10-8-85, Cl. 123-454.000.

GMFanuc Robotics Corporation: *See*—

Bartlett, Donald S.; Boback, John A.; and Powell, Thomas M., 4,556,361, Cl. 414-744.00A.

Cummins, Michael A.; and Powell, Thomas M., 4,552,506, Cl. 414-735.000.

GMN Georg Muller Nurnberg GmbH: *See*—

Flander, Hans, 4,502,739, Cl. 384-481.000.

Gmohling, Werner: *See*—

Wolfsgruber, Friedrich; Weiser, Ernst A.; Gmohling, Werner; Kern, Hans; and Reifferscheid, Karl J., 4,540,436, Cl. 75-130.00A.

GMT Gesellschaft fur Medizinische Technik mbH: *See*—

Engelbrecht, Eckart; Nieder, Elmar; and Keller, Arnold, 4,538,305, Cl. 623-20.000.

Gnacinski, Leonard T.: *See*—

Moore, Benson R.; and Gnacinski, Leonard T., 4,511,347, Cl. 474-43.000.

Gnadig, Gerhard; Przybylla, Fritz; and Schneider, Friedrich, to Werner & Pfleiderer. Process for the manufacture of a steel body with a borehole protected against abrasion. 4,497,358, 2-5-85, Cl. 164-80.000.

Gnadig, Gerhard; and Kuklinski, Siegfried, to Werner & Pfleiderer. Workpiece having wear-resistant inserts locked in recesses in the workpiece. 4,544,341, 10-1-85, Cl. 425-192.00R.

Gnaedinger, John P., to John P. Gnaedinger Research Corporation. Lime or lime:fly ash pretreated pavement construction material and method. 4,496,267, 1-29-85, Cl. 404-82.000.

Gnagy, Clayton C., to United States of America, Air Force. Integrated insulation wall assembly. 4,495,764, 1-29-85, Cl. 60-255.000.

Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., to Spetsialnoe Konstruktorskoe Bjuro Seismicheskoi Tekhniki. Automatic wrench for screwing a pipe string together and apart. 4,515,045, 5-7-85, Cl. 81-429.000.

GNB Batteries Inc.: *See*—

Lund, David L., 4,501,943, Cl. 219-10.430.

Lund, David L.; Majumdar, Senajit J.; Mullane, William E.; and Krivanek, Louis, 4,523,068, Cl. 219-10.530.

Offidani, Ralph V., 4,557,984, Cl. 429-67.000.

Sabatino, Anthony; Orlando, Daniel; and Olszewski, Douglas J., 4,497,604, Cl. 414-131.000.

Sabatino, Anthony; Stanefski, Eugene F.; Romanchuk, Ronald N.; and Schaumburg, Edward G., 4,509,252, Cl. 29-623.100.

Sabatino, Anthony; Schaumburg, Edward G.; Recht, Peter A.; Olszewski, Douglas J.; and Strait, Richard T., 4,510,682, Cl. 29-623.100.

Schaumburg, Edward G.; and Stanefski, Eugene F., 4,515,187, Cl. 141-1.000.

Schaumburg, Edward G.; Benson, Cory D.; Wolf, Alby H.; and Zais, Michael G., 4,534,401, Cl. 164-102.000.

Waber, Glenn R., 4,497,019, Cl. 364-132.000.

Gnecchi and Company S.p.A.: *See*—

Offredi, Giovanni, 4,527,018, Cl. 179-146.00R.

Gnecchi, Edgardo: *See*—

Dal Pan, Giacinto; and Gnecchi, Edgardo, 4,503,698, Cl. 72-209.000.

Gnehm, Rene; and Weber, Rolf, to Siegfried Aktiengesellschaft. Method for the production of acemetacin. 4,503,237, 3-5-85, Cl. 548-501.000.

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Godwin, James P., Sr. Automatic self-locking roll back carrier for a vehicle. 4,514,131, 4-30-85, Cl. 414-480.000.
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Goetschius, Gary C., to Air Preheater Company, Inc., The. Heat transfer element assembly. 4,512,389, 4-23-85, Cl. 165-10.000.

Goettel, Richard J. Self-tapping duct fitting. 4,491,124, 1-1-85, Cl. 126-293.000.

Goetter, Erwin H., to Preformed Line Products Company. Splice case. 4,549,040, 10-22-85, Cl. 174-92.000.

Goettker, Bernhardt P.: *See—*

Law, Denny B.; and Goettker, Bernhardt P., 4,514,132, Cl. 414-537.000.

Goettsch, Michael R., to Glenwood Manufacturing Corporation. Liquid waste agitating and pumping apparatus. 4,555,063, 11-26-85, Cl. 241-46.040.

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Goetz, Alexander F. H., to California Institute of Technology. Portable instant display and analysis reflectance spectrometer. 4,560,275, 12-24-85, Cl. 356-326.000.

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Goetz, Manfred. Ceramic stove. 4,559,923, 12-24-85, Cl. 126-307.00R.

Goetz, Michael A.: *See—*

Monaghan, Richard L.; Goetz, Michael A.; and Chang, Raymond S. L., 4,530,790, Cl. 260-239.30P.

Goetz, Norbert; Girgensohn, Bjoern; and Zanker, Fritz, to BASF Aktiengesellschaft. Preparation of cis-2,6-dimethylmorpholine. 4,504,363, 3-12-85, Cl. 203-14.000.

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Goetz, Norbert: *See—*

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Goetz, William J.; and Engel, Thomas G., to Appleton Papers Inc. Apparatus and process for a decurling system. 4,549,932, 10-29-85, Cl. 162-207.000.

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Buran, Ulrich; Fischer, Manfred; and Neuehauser, Hans J., 4,542,111, Cl. 501-127.000.

Deuring, Hans, 4,548,547, Cl. 415-170.00A.

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Vossieck, Paul; and vom Stein, Karl, 4,558,872, Cl. 277-88.000.

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Singer, Robert; Goetze, Richard; Maier, Karl; and Kerbl, Maximilian, 4,536,534, Cl. 524-262.000.

Goetzen, Thomas: *See—*

Golec, Frederick A., Jr.; and Goetzen, Thomas, 4,535,177, Cl. 560-38.000.

Goetzinger, Charles J.: *See—*
Hickey, Robert V.; Hickey, Duane B.; and Goetzinger, Charles J., 4,526,463, Cl. 355-83.000.
Goetzinger, John R. High pressure butterfly valve with floating disk valve member. 4,524,949, 6-25-85, Cl. 251-163.000.
Gof Manufacturing Company, Inc.: *See—*
McGehee, R. Stephen, 4,512,285, Cl. 119-44.000.
Goff, David L.: *See—*
Fryd, Michael; and Goff, David L., 4,551,522, Cl. 528-351.000.
Goff, Jerry K.; Marinko, Joseph A., Jr.; Venditto, Joseph G., Jr.; and Yost, Donald A., to Performance Controls Company. Current sense demodulator. 4,562,386, 12-31-85, Cl. 318-254.000.
Goff, Norman: *See—*
Hall, Howard H.; and Goff, Norman, 4,526,493, Cl. 404-105.000.
Goff, Randall: *See—*
Gorgens, Joseph E.; Goff, Randall; and Sardi, Stephen G., 4,502,334, Cl. 73-705.000.
Goff, Willie, Jr.; and Rakes, James M., to International Business Machines Corporation. Electroerosion printhead with tungsten electrodes, and a method for making same. 4,533,921, 8-6-85, Cl. 346-1.100.
Goff, Willie, Jr.: *See—*
Firth, Rowland V. D., III; Goff, Willie, Jr.; Ku, Ta C.; and Rakes, James M., 4,520,371, Cl. 346-76.0PH.
Goffe, Randal A., to Monsanto Company. Modular spinnerette assembly. 4,493,629, 1-15-85, Cl. 425-192.00S.
Goffinet, Pierre C. E.: *See—*
Wertz, Jean-Luc H. M.; and Goffinet, Pierre C. E., 4,561,998, Cl. 252-547.000.
Goffman, Martin; and Jordan, Thomas L., to ASARCO Incorporated. Method of thiourea addition to electrolytic solutions useful for copper refining. 4,511,443, 4-16-85, Cl. 204-108.000.
Goforth, C. Dean. Quick stop soldering plug and method for using same. 4,529,007, 7-16-85, Cl. 138-89.000.
Gofuku, Yoshihiro: *See—*
Sawano, Susumu; Gofuku, Yoshihiro; Hashimoto, Junji; and Ando, Takayuki, 4,524,851, Cl. 188-134.000.
Goganov, Dmitry A.; and Ovchinnikov, Evgeny K., to NPO "Burevestnik". Gas-discharge position-sensitive ionizing-radiation detector. 4,510,391, 4-9-85, Cl. 250-374.000.
Gogarty, Brian J. Dumbbell, adjustable, and locking means. 4,529,197, 7-16-85, Cl. 272-122.000.
Gogic, Aleksandar M.: *See—*
Lee, Charles K.; Peters, Rex B.; and Gogic, Aleksandar M., 4,541,105, Cl. 377-19.000.
Goglio, Luigi, to Fres-co System USA, Inc. Sealed flexible container with non-destructive peelable opening. 4,518,087, 5-21-85, Cl. 206-632.000.
Gogniat, Paul; and Loth, Eric. Watch case. 4,518,093, 5-21-85, Cl. 220-82.00R.
Goguen, Louis J., to King Instrument Corporation. Splicer plunger assembly. 4,549,925, 10-29-85, Cl. 156-506.000.
Gohara, Yoshihiro; Kanno, Masashi; and Yamashita, Ichiro, to Matsushita Electric Industrial Co., Ltd. Position determination apparatus. 4,507,523, 3-26-85, Cl. 178-19.000.
Gohda, Osamu: *See—*
Fujikawa, Katsuhiro; and Gohda, Osamu, 4,509,445, Cl. 112-317.000.
Gohda, Seiichi; and Ishiguro, Mamoru, to Sony Corporation. Tape position control apparatus. 4,499,509, 2-12-85, Cl. 360-72.100.
Gohko, Nobuaki: *See—*
Tanaka, Toru; Gohko, Nobuaki; Kishiro, Osamu; and Murakami, Atsushi, 4,511,704, Cl. 526-125.000.
Gohl, Walter: *See—*
Esper, Friedrich; Friese, Karl-Hermann; Gohl, Walter; and Sternad, Peter, 4,539,503, Cl. 313-11.500.
Esper, Friedrich J.; and Gohl, Walter, 4,535,487, Cl. 623-22.000.
Gohrich, Klaus; and Vogt, Heinz, to BBC Brown, Boveri & Company, Limited. System for controlling a spatially movable device. 4,507,593, 3-26-85, Cl. 318-563.000.
Goi, Koichi: *See—*
Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,511,133, Cl. 271-3.100.
Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,513,958, Cl. 271-187.000.
Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,527,845, Cl. 312-215.000.
Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,552,354, Cl. 271-163.000.
Goi, Kowichi, to Laurel Bank Machine Co., Ltd. Guide for use in a bank note handling machine. 4,518,158, 5-21-85, Cl. 271-9.000.
Goi, Kowichi: *See—*
Kokubo, Eiichi; Arikawa, Junichi; Goi, Kowichi; and Imura, Shinichi, 4,517,451, Cl. 235-379.000.
Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-3[illegible].000.
Goidl, Jo A.: *See—*
Floyd, Middleton B., Jr.; and Goidl, Jo A., 4,536,517, Cl. 514-576.000.
Goin, Cheryl A.: *See—*
Ballard, Philip D.; Goin, Cheryl A.; Josephson, Paul J.; Keller, Andrew D.; Lykins, Larry W.; and Miller, Jeffrey J., 4,502,514, Cl. 141-1.000.
Feenstra, David D.; Fey, Robert L.; and Goin, Cheryl A., 4,523,615, Cl. 141-1.000.
Goin, Christian: *See—*
Bedu, Marcel; Farcy, Jean-Claude; and Goin, Christian, 4,496,873, Cl. 313-231.710.
Goines, Fredrick J.; and Reifsteck, David A., to Midwest Irrigation and Foundation, Inc. System for controlling the moisture in the subsurface soil surrounding a building. 4,534,143, 8-13-85, Cl. 52-169.500.
Goins, Dixie E.; Huggins, Harold V.; Burt, Edward A.; and Holmes, Silas W., to Ethyl Corporation. Alkylation process. 4,560,809, 12-24-85, Cl. 568-789.000.
Goins, Robert R., to Phillips Petroleum Company. Apparatus for blending solids or the like. 4,518,260, 5-21-85, Cl. 366-134.000.
Goins, Robert R., to Phillips Petroleum Company. Method for blending solids or the like. 4,553,849, 11-19-85, Cl. 366-134.000.
Goizman, Josif. Electric field change sensor employing mains wiring as the transmitting antenna. 4,504,822, 3-12-85, Cl. 340-561.000.
Gojo, Tomomi, to Ricoh Company, Ltd. Method of reducing character font. 4,555,191, 11-26-85, Cl. 400-121.000.
Gokcen, Cem; and Williams, Robert J., to Baxter Travenol Labor[illegible]ries, Inc. Method for forming layered thermoplastic artic[illegible] 4,510,115, 4-9-85, Cl. 264-515.000.
Gokhman, Alexander, to Allis-Chalmers Corporation. Reversible two stage hydraulic machine. 4,496,282, 1-29-85, Cl. 415-161.000.
Goko, Nobuaki; and Uehara, Yumito, to Mitsubishi Chemical Industries Limited. Process for preparing solid titanium trichloride useful for the polymerization of an α-olefin. 4,534,953, 8-13-85, Cl. 423-492.000.
Goko, Nobuaki: *See—*
Takashima, Ryokichi; Goko, Nobuaki; Uehara, Yumito; Nishihara, Yasuhiro; and Yamamoto, Hidetoshi, 4,492,787, Cl. 525-53.000.
Gokorsch, Wilfried: *See—*
Walter, Kurt; Gokorsch, Wilfried; Kurth, Gunter; Grusdt, Rainer; and Schreiter, Manfred, 4,543,770, Cl. 53-511.000.
Goksel, Mehmet A., to Michigan Technological University, Board of Control of. Self-reducing iron oxide agglomerates. 4,528,029, 7-9-85, Cl. 75-3.000.
Golan, Kenneth F., to Caterpillar Tractor Co. Friction couple cooling system responsive to actuation thereof. 4,557,363, 12-10-85, Cl. 192-113.00B.
Golan, Lawrence P.: *See—*
Norton, James P.; and Golan, Lawrence P., 4,492,184, Cl. 122-4.00D.
Golant, Victor; Hsia, David; and Taylor, William, Jr., to G. D. Searle & Co. Apparatus and process for coating, granulating and/or drying particles. 4,532,155, 7-30-85, Cl. 427-213.000.
Golar Metall, Hilco Industrier A/S: *See—*
Eike, Einar, 4,536,999, Cl. 52-208.000.
Golarz, Jeffrey, to Simplex Time Recorder Co. Time card and carrier. 4,542,286, 9-17-85, Cl. 235-377.000.
Golata, John H.; Saylor, David M.; Egan, William E.; and Goldstein, Arthur A., to Goodyear Tire & Rubber Company, The. Integral tire wheel. 4,558,727, 12-17-85, Cl. 152-5.000.
Golba, Joseph C., Jr., to General Electric Company. Melt fed blending process. 4,547,541, 10-15-85, Cl. 524-151.000.
Golben, Peter M., to Ergenics Inc. Hydrogen compressor. 4,505,120, 3-19-85, Cl. 62-48.000.
Golberg, Boris S.: *See—*
Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.
Golberg, Jeffery O.: *See—*
Grove, Clinton E.; and Golberg, Jeffery O., 4,558,869, Cl. 277-1.000.
Gold Bond Ice Cream, Inc.: *See—*
Bero, Vernon L.; and Schultz, Fredrick W., 4,537,121, Cl. 99-450.400.
Ellsworth, Carroll V.; Schultz, Fredrick W.; and Vastag, Harold J., 4,530,214, Cl. 62-71.000.
Lutsey, Thomas H.; and Bero, Vernon L., 4,534,722, Cl. 425-104.000.
Gold, Calman: *See—*
Prescott, Robert C.; Gold, Calman; and Anderson, Eric V., 4,492,246, Cl. 137-85.000.
Gold, Gary L.: *See—*
Johnson, Stanley J.; and Gold, Gary L., 4,529,348, Cl. 414-335.000.
Gold, Kenneth A. Fabric and method of manufacture using selvage bands. 4,521,472, 6-4-85, Cl. 428-53.000.
Gold, Kenneth R.: *See—*
LoFaso, Joseph S.; LoFaso, Mardi I.; and Gold, Kenneth R., 4,507,988, Cl. 81-3.090.
Gold, Kenneth S.: *See—*
Dorrough, Michael L.; and Gold, Kenneth S., 4,528,501, Cl. 324-103.00P.
Gold, Philip, to Cordis Corporation. Coating for angiographic guidewire. 4,534,363, 8-13-85, Cl. 128-772.000.
Gold, Stanley; Newman, Robert; and Lavigne, Eric, to Defender Energy of Connecticut, Inc. Panel fastener system and retaining member. 4,561,223, 12-31-85, Cl. 52-202.000.
Gold Star Tele-Electric Co., Ltd., Inc.: *See—*
Yun, Jin H., 4,507,524, Cl. 179-81.00B.

Golda, Horst: *See—*

Ziegler, Hans; Henze, Siegfried; Dippert, Rainer; Schnaus, Martin; and Golda, Horst, 4,493,234, Cl. 83-175.000.

Goldacker, Erhard: *See—*

Hubner, Wolfgang; Klein, Helmut; Goldacker, Erhard; and Schroers, Otto, 4,530,943, Cl. 523-318.000.

Goldbecker, Wilfried, to Kochs Adler AG. Throat plate for a double lockstitch automatic sewing arrangement. 4,502,398, 3-5-85, Cl. 112-121.120.

Goldberg, Edward M.; and Bazell, Seymour. Body fluid suction device. 4,525,167, 6-25-85, Cl. 604-135.000.

Goldberg, Ellen H., to University Patents, Inc. ATCC HB8116 and its monoclonal anti-H-Y antibody, Hyclonalan. 4,511,661, 4-16-85, Cl. 436-503.000.

Goldberg, Gerhard; and Lange, Alois, to Taprogge Gesellschaft mbH. Sluice for collecting cleaning bodies. 4,544,027, 10-1-85, Cl. 165-95.000.

Goldberg, Harold D., to Allied Tube & Conduit Corporation. Coupling. 4,547,004, 10-15-85, Cl. 285-31.000.

Goldberg, Ira B.; Chung, Kwang E.; and Fadner, Thomas A., to Rockwell International Corporation. Meter for measuring the concentration of water in a water-ink mixture. 4,559,493, 12-17-85, Cl. 324-61.00R.

Goldberg, James R.: *See—*

Cole, Harold E., 4,541,795, Cl. 425-437.000.

Goldberg, Lawrence S., to United States of America, Navy. Picosecond broadband cars probe using the picosecond continuum. 4,512,660, 4-23-85, Cl. 356-301.000.

Goldberg, Lew: *See—*

Taylor, Henry F.; Goldberg, Lew; Rauscher, Christen; and Weller, Joseph F., 4,503,403, Cl. 331-37.000.

Weller, Joseph F.; and Goldberg, Lew, 4,503,541, Cl. 372-50.000.

Goldberg, Marvin; and Brandon, Arthur, to Revlon, Inc. Hair care compositions. 4,526,781, 7-2-85, Cl. 424-70.000.

Goldberg, Michael L.: *See—*

Null, Robert A.; Laughlin, Lonnie C.; and Goldberg, Michael L., 4,559,065, Cl. 55-161.000.

Goldberg, Seymour, to EG&G, Inc. Miniaturized atomic frequency standard having both filter cell and absorption cell in resonator cavity. 4,494,085, 1-15-85, Cl. 331-94.100.

Goldberger Foods Inc.: *See—*

Goldberger, Robert D.; and Stower, James F., 4,514,434, Cl. 426-646.000.

Goldberger, Robert D.; and Stower, James F., 4,516,291, Cl. 17-32.000.

Goldberger, Robert D.; and Stower, James F., to Goldberger Foods Inc. Meat patty and process for forming the same. 4,514,434, 4-30-85, Cl. 426-646.000.

Goldberger, Robert D.; and Stower, James F., to Goldberger Foods Inc. Apparatus and process for forming meat patties. 4,516,291, 5-14-85, Cl. 17-32.000.

Goldberger, William M., to Superior Graphite Co. Method for the continuous production of carbides. 4,543,240, 9-24-85, Cl. 423-346.000.

Goldberger, William M.; and Reed, Allen K., to Superior Graphite Co. Ultra-microcrystallite silicon carbide product. 4,547,430, 10-15-85, Cl. 428-404.000.

Goldberger, William M.; and Reed, Allan, to Superior Graphite Co. Metal bearing graphitic carbons. 4,560,409, 12-24-85, Cl. 75-130.00R.

Goldco Engineering, Inc.: *See—*

Cole, Rodger E.; and Vander Meer, Richard H., 4,500,229, Cl. 406-88.000.

Goldelius, Rainer, to Black & Decker Inc. Electric tool with torque monitor. 4,534,420, 8-13-85, Cl. 173-12.000.

Golden, Donald M.; and McVay, William P., to Ethicon, Inc. Two-piece tissue fastener with compressible leg staple and retaining receiver. 4,534,350, 8-13-85, Cl. 128-334.00C.

Golden, Donald M.: *See—*

DiGiovanni, John; and Golden, Donald M., 4,500,024, Cl. 227-19.000.

Golden, Douglas B.: *See—*

Hamilton, Scott B.; and Golden, Douglas B., 4,538,142, Cl. 340-667.000.

Golden, James E.: *See—*

Suffi, Louis; Golden, James E.; and Jaycox, Donald F., 4,513,171, Cl. 174-41.000.

Golden, Michael D., to Western Design Corporation. Gun powered ammunition magazine. 4,524,673, 6-25-85, Cl. 89-33.020.

Golden, Ruben E.: *See—*

Jackson, Jay W.; and Golden, Ruben E., 4,531,749, Cl. 277-188.00A.

Golden Team Sportartikel GmbH: *See—*

Klagmann, Josef, 4,494,322, Cl. 36-28.000.

Golden Valley Foods Inc.: *See—*

Watkins, James D., 4,548,826, Cl. 426-394.000.

Golden, William G.: *See—*

Bellar, Robert J.; Golden, William G.; Saperstein, David D.; and Vats, Ashok, 4,511,986, Cl. 364-576.000.

Goldenberg, Joseph; and Cooke, Joseph. Preformed, reinforced structural panels and method of making same. 4,555,888, 12-3-85, Cl. 52-722.000.

Golder, Michael D., to GAF Corporation. Thermoplastic elastomer compositions. 4,520,148, 5-28-85, Cl. 524-100.000.

Golder, Michael D., to GAF Corporation. Elastomer compositions. 4,520,149, 5-28-85, Cl. 524-100.000.

Golder, Michael D., to GAF Corporation. Stabilized elastomer compositions. 4,520,150, 5-28-85, Cl. 524-100.000.

Golder, Peter: *See—*

Hofler, Willy; and Golder, Peter, 4,519,242, Cl. 73-162.000.

Meder, Willi; Bertz, Hans-Ulrich; and Golder, Peter, 4,519,141, Cl. 33-179.50R.

Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Ultracompact miniature toy vehicle with four-wheel drive and unusual climbing capability. 4,492,058, 1-8-85, Cl. 446-462.000.

Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Wheeled turbine-powered toy vehicle and launcher apparatus. 4,498,886, 2-12-85, Cl. 446-202.000.

Goldfarb, Adolph E. High intensity security flashlight with duffusing parabolic reflector. 4,504,889, 3-12-85, Cl. 362-200.000.

Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Target structure. 4,509,760, 4-9-85, Cl. 273-380.000.

Goldfarb, Adolph E.; Everitt, Delmar K.; and Burger, Norman J., to Everitt, Delmar K.; and Burger, Norman J. Wheeled miniature toy vehicle with easily selectable plural modes of use. 4,511,343, 4-16-85, Cl. 446-463.000.

Goldfarb, Adolph E.; Everitt, Delmar K.; and Burger, Norman J., to Everitt, Delmar K.; and Burger, Norman J. Self-powered miniature toy vehicle with treads and with unusual four-wheel-drive climbing capability. 4,522,606, 6-11-85, Cl. 446-433.000.

Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Toy motorcycle and launcher apparatus. 4,526,554, 7-2-85, Cl. 446-429.000.

Goldfarb, Adolph E. Working musical carousel kit with rocking figures. 4,538,803, 9-3-85, Cl. 272-31.00R.

Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Amphibious self-powered miniature car with unusual climbing capability. 4,547,166, 10-15-85, Cl. 446-164.000.

Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Toy track presenting interference to passage of toy vehicles thereon. 4,550,910, 11-5-85, Cl. 273-86.00B.

Goldfarb, Harold; Perkins, Kenneth L.; and Weigand, Bernard L., to United States of America, Air Force. Elevated transient temperature leak test for unstable microelectronic packages. 4,553,435, 11-19-85, Cl. 73-40.700.

Goldfarb, Israel. Hand-manipulatable three-dimensional puzzle. 4,496,155, 1-29-85, Cl. 273-153.00S.

Goldfarb, Rebecca D.: *See—*

Nix, Paul T.; Goldfarb, Rebecca D.; Stong, Linda J.; Sulick, Lorraine E.; Trivedi, Ramesh C.; and Morgenstern, Stanley W., 4,505,756, Cl. 127-29.000.

Goldfine, Milton: *See—*

Perlman, Marvin; and Goldfine, Milton, 4,501,957, Cl. 235-379.000.

Goldhahn, Stephen L., to Campbell Soup Company. Heating and cooling foods at high pressure in a continuous sterilization system. 4,543,263, 9-24-85, Cl. 426-520.000.

Goldhahn, Stephen L., to Campbell Soup Company. Continuous food sterilization system with hydrostatic sealed treatment chamber. 4,547,383, 10-15-85, Cl. 426-524.000.

Goldhamer, Walter M. Modified pressure casting process and machine. 4,499,941, 2-19-85, Cl. 164-313.000.

Goldhammer, Albert, to Feinwerktechnik Schleicher & Co., Firma. Baling press with vertical operating direction. 4,497,247, 2-5-85, Cl. 100-214.000.

Goldhammer, Albert, to Feinwerktechnik Schleicher & Co., Firma. Baling press. 4,512,252, 4-23-85, Cl. 100-53.000.

Goldhammer, Albert. Safety and warning devices for baling presses. 4,520,722, 6-4-85, Cl. 100-99.000.

Goldie, Harry; and Cherry, William D., to United States of America, Air Force. RF-primed high power halogen vial apparatus. 4,496,917, 1-29-85, Cl. 333-13.000.

Goldin, Abraham; and Rodau, Andrew G. Non-slip handle with cooling means. 4,533,139, 8-6-85, Cl. 273-73.00J.

Goldin, Reeni: *See—*

Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., 4,523,313, Cl. 371-10.000.

Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., 4,527,251, Cl. 364-900.000.

Goldman, David: *See—*

Merril, Carl R.; and Goldman, David, 4,508,820, Cl. 435-29.000.

Goldman, David A., to Designs for Vision, Inc. Automatic facusing using slope and peak detection. 4,544,953, 10-1-85, Cl. 358-227.000.

Goldman, Ernest A.; McCarthy, Jeremiah P.; and Poppert, Paul E., to GTE Automatic Electric Laboratories Incorporated. Method of fabrication of monolithic integrated circuit structure. 4,498,223, 2-12-85, Cl. 29-571.000.

Goldman, Fred M.: *See—*

Csaszar, Gabor; Oehley, Gernot F.; and Goldman, Fred M., 4,500,475, Cl. 261-36.00A.

Goldman, Ilan. Protective filling, particularly for safe walls. 4,505,208, 3-19-85, Cl. 109-85.000.

Goldman, Irina, to OMI International Corporation. Bath and process for high speed electroplating of palladium. 4,545,869, 10-8-85, Cl. 204-47.000.

Goldman, Irving M.; Kuhla, Donald E.; and Sklavounos, Constantine, to Pfizer Inc. Process for preparing 2-methyl-2-hydroxypropyl piperazine-1-carboxylate compounds. 4,550,164, 10-29-85, Cl. 544-291.000.

Goldman, Jon C.: *See—*

Foster, Thomas C.; Goldman, Jon C.; and Hoeye, Gary W., 4,557,950, Cl. 427-255.000.

Goldman, Max, to Adsorbent Products Inc. Portable point source adsorber. 4,512,245, 4-23-85, Cl. 98-115.400.

Goldman, Paul R. Swivel, tilt and recline arm chair. 4,504,090, 3-12-85, Cl. 297-342.000.

Goldman, Ralph F.: *See—*
Madnick, Herman; and Goldman, Ralph F., 4,495,659, Cl. 2-66.000.

Goldman, Robert N., to Light Signatures, Inc. Non-counterfeitable document system. 4,546,352, 10-8-85, Cl. 340-825.340.

Goldman, Robert N.: *See—*
Katz, Ronald A.; and Goldman, Robert N., 4,558,318, Cl. 340-825.340.

Goldman, Saul, to Computer Sign Systems Limited. Computer map. 4,558,300, 12-10-85, Cl. 340-286.00M.

Goldman, Scott M. Device for cleaning stays. 4,543,683, 10-1-85, Cl. 15-256.600.

Goldman, Stuart O., to ITT Corporation. Hand-off filter for cellular mobile radio. 4,556,760, 12-3-85, Cl. 179-2.0EB.

Goldman, Stuart O.; Lissakers, Erik A.; and Thomson, Matthew W. S., to International Telephone and Telegraph Corporation. Cellular mobile radio service telephone system. 4,562,572, 12-31-85, Cl. 370-80.000.

Goldmann, Gerd; Spott, Georg; and Frohlich, Christian, to Bayer Aktiengesellschaft. Continuous process for the concentration of W/O-emulsions by evaporation. 4,533,432, 8-6-85, Cl. 159-47.100.

Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, to Bayer Aktiengesellschaft. 4-(2-substituted phenyl)-1,4-dihydropyridine-3,5-dicarboxylic acid esters active on blood circulation. 4,492,703, 1-8-85, Cl. 424-266.000.

Goldmann, Siegfried; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, to Bayer Aktiengesellschaft. Circulation-active novel chromone-and thiochromone-substituted 1,4-dihydropyridines. 4,540,789, 9-10-85, Cl. 546-274.000.

Goldmann, Siegfried; Bossert, Friedrich; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, to Bayer Aktiengesellschaft. Circulation-active novel chromone- and thiochromone-substituted 1,4-dihydropyridine-lactones. 4,555,512, 11-26-85, Cl. 514-302.000.

Goldmann, Siegfried: *See—*
Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.

Goldner, Erwin P. Poly-pipe fusion machine. 4,542,892, 9-24-85, Cl. 269-41.000.

Goldner, Howard J.: *See—*
Butterworth, George A. M.; Evans, William M.; and Goldner, Howard J., 4,553,669, Cl. 206-439.000.

Goldner, Richard, to Shar Products Company. Shoulder support for violin or viola. 4,506,582, 3-26-85, Cl. 84-280.000.

Goldner, Richard. Page turning apparatus and method. 4,553,467, 11-19-85, Cl. 84-487.000.

Goldner, Sandor: *See—*
Green, Dan; and Goldner, Sandor, 4,531,740, Cl. 273-148.00B.

Goldner, Walther; and Gassmann, Wolfgang, to Keiper Recaro GmbH & Co. Vehicle seat, particularly a motor vehicle seat. 4,522,445, 6-11-85, Cl. 297-284.000.

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Goldner, Walther, to Keiper Recaro GmbH & Co. Back rest for a vehicle seat, particularly a motor vehicle seat. 4,555,137, 11-26-85, Cl. 297-284.000.

Goldobin, Vladimir B.: *See—*
Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., 4,556,398, Cl. 464-16.000.

Goldowsky, Michael P., to North American Philips Corporation. Precision gear mount. 4,528,862, 7-16-85, Cl. 74-409.000.

Goldowsky, Michael P.: *See—*
Newman, Wyatt S.; and Goldowsky, Michael P., 4,542,311, Cl. 310-13.000.

Goldrian, Gottfried; Nitschke, Manfred; Rudolph, Volker; and Wohnsdorf, Manfred, to International Business Machines Corporation. Apparatus for the bounce-free landing of a print head. 4,553,862, 11-19-85, Cl. 400-121.000.

Goldrian, Gottfried, to International Business Machines Corporation. Time-measuring adapter for logic analyzer. 4,559,636, 12-17-85, Cl. 377-20.000.

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Bahr, Dietrich J.; Burckardt, Karl-Heinz; Goldrian, Gottfried; Rudolph, Volker; and Spruth, Wilhelm G., 4,536,769, Cl. 346-1.100.

Goldring, Stanley D.: *See—*
Sperinde, Johnie M.; Goldring, Stanley D.; and Miller, Dean T., 4,523,279, Cl. 364-416.000.

Goldsby, George M. Apparatus for replacing a chain. 4,499,644, 2-19-85, Cl. 29-281.600.

Goldschmidt, Erwin: *See—*
Eirich, Paul; Eirich, Hubert; Eirich, Walter; and Goldschmidt, Erwin, 4,560,283, Cl. 366-188.000.

Goldschmidt, Rainer: *See—*
Eggert, Albert; and Goldschmidt, Rainer, 4,539,441, Cl. 179-111.00E.

Goldsholl, Morton. Image processor and method for use in making photographic prints. 4,501,488, 2-26-85, Cl. 355-46.000.

Goldsmith, Elmar L., to PPG Industries Canada, Ltd. Method for treating potash with anticaking agent. 4,536,418, 8-20-85, Cl. 427-213.000.

Goldstein, Albert: *See—*
James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., 4,499,154, Cl. 428-494.000.
Podell, Howard I.; and Goldstein, Albert, 4,548,844, Cl. 428-35.000.

Goldstein, Allan L.; Low, Teresa L. K.; McClure, John; and Naylor, Paul H., to George Washington University. Radioimmunoassay of thymosin β_4. 4,543,340, 9-24-85, Cl. 436-542.000.

Goldstein, Andrew D.: *See—*
Strickler, Steven E.; Simmons, Jerry C.; Golladay, James; and Goldstein, Andrew D., 4,523,460, Cl. 73-200.000.

Goldstein, Arnold S.: *See—*
Agers, Brian M.; and Goldstein, Arnold S., 4,492,009, Cl. 28-254.000.

Goldstein, Arthur A.: *See—*
Golata, John H.; Saylor, David M.; Egan, William E.; and Goldstein, Arthur A., 4,558,727, Cl. 152-5.000.

Goldstein, David, to United States of America, Navy. Padlock shackle. 4,561,272, 12-31-85, Cl. 70-417.000.

Goldstein, David: *See—*
Ilardi, Joseph M.; and Goldstein, David, 4,498,706, Cl. 299-5.000.

Goldstein, Gideon; Heavner, George; Kroon, Daniel; and Audhya, Tapan, to Ortho Pharmaceutical Corporation. Enzyme-resistant immunomodulatory peptides. 4,505,853, 3-19-85, Cl. 260-112.50R.

Goldstein, Gideon; Heavner, George; Audhya, Tapan; and Tjoeng, Foe-Siong, to Ortho Pharmaceutical Corporation. Conformationally restricted thymopentin-like compounds. 4,547,489, 10-15-85, Cl. 514-11.000.

Goldstein, Gideon: *See—*
Kung, Patrick C.; and Goldstein, Gideon, 4,515,893, Cl. 435-240.000.
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Kung, Patrick C.; and Goldstein, Gideon, 4,515,895, Cl. 435-240.000.

Goldstein, Jerome C. Cleaning cloths and dispensers therefor. 4,553,275, 11-19-85, Cl. 4-605.000.

Goldstein, Joel, to Aquarium Pharmaceuticals, Inc. Damaged fish tissue treating method and composition containing *Aloe vera* extract. 4,500,510, 2-19-85, Cl. 424-80.000.

Goldstein, Leon C., to An-Rix, Inc. Cold recapping method for tires utilizing uncured rubber. 4,500,375, 2-19-85, Cl. 156-96.000.

Goldstein, Michael L.: *See—*
Arrhenius, Gustaf O.; Goldstein, Michael L.; and Moore, Candace X., 4,503,838, Cl. 126-263.000.

Goldstein, Norman P.; and Lane, Stephen A., to Westinghouse Electric Corp. Radiation monitoring apparatus. 4,551,298, 11-5-85, Cl. 376-245.000.

Goldstein, Richard M. Combination carrying sled and beach umbrella. 4,527,721, 7-9-85, Cl. 224-151.000.

Goldstein, Richard M.; Caro, Edward R.; and Wu, Chialin, to United States of America, National Aeronautics and Space Administration. Method and apparatus for contour mapping using synthetic aperture radar. 4,551,724, 11-5-85, Cl. 343-5.0CM.

Goldstein, Robert C.: *See—*
Chitayat, Anwar; Goldstein, Robert C.; and Faizullabhoy, Mustansir A., 4,494,060, Cl. 318-568.000.

Goldstein, Samuel M.: *See—*
Hippely, Keith A.; and Goldstein, Samuel M., 4,516,953, Cl. 446-444.000.

Goldstein, Seth R.; and Jones, Robert, to United States of America, Health and Human Services. Method and apparatus for traversing blood vessels. 4,530,698, 7-23-85, Cl. 604-271.000.

Goldstein, Sidney E., to Boeing Company, The. Caster type empennage assembly for aircraft. 4,538,779, 9-3-85, Cl. 244-87.000.

Goldstein, Theodore, to Mobil Oil Corporation. Exploration method for finding uranium ore bodies. 4,491,411, 1-1-85, Cl. 356-30.000.

Goldstein, Theodore P., to Mobil Oil Corporation. Photochemical process using shape-selective photoassisted heterogenous catalyst compositions. 4,495,041, 1-22-85, Cl. 204-158.00R.

Goldstein, Theodore P., to Mobil Oil Corporation. Dual intensity magnetic separation process for beneficiation of platinum ore. 4,543,178, 9-24-85, Cl. 209-2.000.

Goldstein, Vladimir. Ice making machine and method. 4,551,159, 11-5-85, Cl. 62-541.000.

Goldstein, Vladimir. Thermal storage heat exchanger systems of heat pumps. 4,554,797, 11-26-85, Cl. 62-434.000.

Goldsworthy Engineering, Inc.: *See—*
Goldsworthy, William B., 4,495,021, Cl. 156-425.000.
Goldsworthy, William B., 4,498,941, Cl. 156-148.000.

Goldsworthy, William B., to Goldsworthy Engineering, Inc. Apparatus for producing fiber reinforced plastic sheet structures. 4,495,021, 1-22-85, Cl. 156-425.000.

Goldsworthy, William B., to Goldsworthy Engineering, Inc. Method for producing fiber reinforced sheet structures. 4,498,941, 2-12-85, Cl. 156-148.000.

Goldthorp, David C.: *See—*
Embree, David M.; Goldthorp, David C.; Longenecker, Howard H.; and Vogelpohl, David R., 4,491,691, Cl. 179-84.00T.

Goldwasser, David J.: *See—*
Chen, Augustin T.; Goldwasser, David J.; and Onder, Kemal, 4,501,844, Cl. 524-451.000.

Chen, Augustin T.; Goldwasser, David J.; and Onder, Kemal, 4,536,533, Cl. 524-161.000.

Goldwasser, Dorothy: *See—*

Goldwasser, Eric; and Goldwasser, Dorothy, 4,559,598, Cl. 364-419.000.

Goldwasser, Eric; and Goldwasser, Dorothy. Method of creating text using a computer. 4,559,598, 12-17-85, Cl. 364-419.000.

Goldwasser, Eugene; Kavinsky, Clifford; and Weiss, Tania L., to University Patents, Inc. Monoclonal anti-erythropoietin. 4,558,005, 12-10-85, Cl. 435-7.000.

Gole, Francois V.: *See—*

Rocroi, Jean-Pierre C.; and Gole, Francois V., 4,535,293, Cl. 324-336.000.

Golec, Frederick A., Jr.; and Goetzen, Thomas, to USV Pharmaceutical Corporation. N-substituted amino acid derivatives. 4,535,177, 8-13-85, Cl. 560-38.000.

Golembek, Joe M.: *See—*

Loechner, John T.; Kruger, Kurt J.; Nottingham, John R.; and Golembek, Joe M., 4,561,416, Cl. 126-21.00A.

Golembeski, Nancy M.; Jorgensen, Robert J.; Cleland, Robert D.; and Noshay, Allen, to Union Carbide Corporation. Preparation of granular stereoregular butene-1 polymers in a fluidized bed. 4,503,203, 3-5-85, Cl. 526-159.000.

Golenko, Zsolt: *See—*

McIlwain, Michael E.; Grant, Jonathan F.; Golenko, Zsolt; and Wittstein, Alan D., 4,493,297, Cl. 123-143.00B.

Goletto, Jean: *See—*

Pusineri, Christian; and Goletto, Jean, 4,499,124, Cl. 427-385.500.

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Savard, Hassel J., Jr., 4,527,652, Cl. 180-19.300.

Golia, Dominick, Jr.; and Golia, Kenneth R. Thread take-up arm mechanism for automatic color change embroidery machinery. 4,531,467, 7-30-85, Cl. 112-155.000.

Golia, Kenneth R.: *See—*

Golia, Dominick, Jr.; and Golia, Kenneth R., 4,531,467, Cl. 112-155.000.

Golias, Tipton L.; and Mostyn, William T., Jr., to Helena Laboratories Corporation. Method and apparatus for automated determination of hemoglobin species. 4,502,786, 3-5-85, Cl. 356-435.000.

Golias, Tipton L., to Helena Laboratories, Inc. Microscope slide. 4,505,557, 3-19-85, Cl. 350-536.000.

Goliasch, Karl; Muller, Herbert; and Pelster, Heinrich, to Bayer Aktiengesellschaft. Process for the preparation of benzoic anhydride. 4,562,010, 12-31-85, Cl. 260-546.000.

Goliber, Thomas E.: *See—*

Chen, Chin H.; Goliber, Thomas E.; Perlstein, Jerome H.; and Reynolds, George A., 4,496,730, Cl. 546-23.000.

Chen, Chin H.; Goliber, Thomas E.; Perlstein, Jerome H.; and Reynolds, George A., 4,552,825, Cl. 430-83.000.

Golik, Georgy A.; Demchenko, Yaroslav P.; Lozinsky, Miron O.; Malovik, Vladlen V.; and Semeny, Valery Y., to Institut Organicheskoi Khimii. Bis-(N,N-dimethyl-N-carbodecyloxymethyl-N-ethyleneammonium)-sulphide dichloride and use thereof. 4,557,754, 12-10-85, Cl. 71-98.000.

Golikova, Galina M.: *See—*

Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.

Golinelli, Guido; and Dall'Aglio, Carlo, to Finike Italiana Marposs S.p.A. Probe for checking linear dimensions of mechanical pieces. 4,524,523, 6-25-85, Cl. 33-143.00L.

Golinelli, Guido; and Possati, Mario, to Finike Italiana Marposs S.p.A. Ring gauge for checking external dimensions. 4,543,725, 10-1-85, Cl. 33-178.00E.

Golinelli, Guido; and Dall'Aglio, Carlo, to Finike Italiana Marposs S.p.A. Probe for checking linear dimensions. 4,553,332, 11-19-85, Cl. 33-561.000.

Golinelli, Guido; and Dall'Aglio, Carlo, to Finike Italiana Marposs S.p.A. Electronic gauge with at least one movable arm and a retraction device. 4,555,855, 12-3-85, Cl. 33-147.00K.

Golino, Carlo M.; Lachman, Irwin M.; and Nordlie, Lawrence A., to Corning Glass Works. Treatment of monolithic catalyst supports. 4,532,228, 7-30-85, Cl. 502-261.000.

Golinsky, Joseph J., Jr. Exercise apparatus for developing arm and wrist muscles. 4,537,394, 8-27-85, Cl. 272-117.000.

Golinsky, Martin, to Grumman Aerospace Corporation. Passive ranging of an airborne emitter by a single sensor. 4,558,323, 12-10-85, Cl. 343-458.000.

Golker, Christian: *See—*

Moeschler, Heinrich-Ferdinand; Golker, Christian; and Lange, Peter M., 4,552,954, Cl. 536-24.000.

Goll, Jeffrey H., to United States of America, Army. Damping package for surface acoustic wave devices. 4,494,091, 1-15-85, Cl. 333-151.000.

Goll, Werner, to SKW Trostberg Aktiengesellschaft. Aqueous dispersions for coating materials. 4,510,282, 4-9-85, Cl. 524-337.000.

Golla, Franz, to Gewerkschaft Eisenhutte Westfalia. Equipment for cleaning remnants of carbon blocks. 4,514,873, 5-7-85, Cl. 15-306.00B.

Golladay, James: *See—*

Strickler, Steven E.; Simmons, Jerry C.; Golladay, James; and Goldstein, Andrew D., 4,523,460, Cl. 73-200.000.

Gollasch, Bernd: *See—*

Fricker, Wolfgang-Peter; Scholz, Manfred; Bauche, Heinrich; and Gollasch, Bernd, 4,495,147, Cl. 376-283.000.

Golle, Erlinda F.: *See—*

Dahill, Robert T.; Purzycki, Kenneth L.; and Golle, Erlinda F., 4,519,944, Cl. 252-522.00R.

Golledge, Ian: *See—*

Kirkman, David H.; Lowe, Anthony C.; Wood, John C.; and Golledge, Ian, 4,545,650, Cl. 350-357.000.

Goller, Ernst; Kazmaier, Gunther; Trissler, Hans-Dieter; and Schmidt, Henning, to H. Stoll GmbH & Co. Fabric take-down mechanism for flat knitting machines. 4,503,689, 3-12-85, Cl. 66-149.00R.

Goller, Ernst; and Walker, Fritz, to H. Stoll GmbH & Co. Fabric take-down mechanism for flat knitting machines. 4,503,690, 3-12-85, Cl. 66-149.00R.

Goller, Ernst; and Walker, Fritz, to H. Stoll GmbH & Co. Yarn tension device for a flat knitting machine. 4,535,609, 8-20-85, Cl. 66-146.000.

Goller, Ernst; Ploppa, Jurgen; and Walker, Fritz, to H. Stoll GmbH & Co. Adjustment of stitch cams in a knitting machine. 4,554,802, 11-26-85, Cl. 66-71.000.

Goller, Ernst: *See—*

Stoll, Thomas; Ploppa, Jurgen; and Goller, Ernst, 4,549,412, Cl. 66-149.00R.

Gollinger, Franz X., to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Rotary printing machine with offset bearing and drive for an exchange cylinder. 4,552,067, 11-12-85, Cl. 101-216.000.

Gollwitzer, Reiner, to Regogollwitzer GmbH and Co. KG. Cassette fastening structure. 4,513,999, 4-30-85, Cl. 292-161.000.

Golner, Jerold J.: *See—*

Strout, Russell B.; and Golner, Jerold J., 4,522,348, Cl. 242-96.000.

Golner, Thomas M.: *See—*

Pritzkow, Dennis H.; Loomis, Neil W.; Golner, Thomas M.; and Hoffman, David M., 4,491,732, Cl. 250-366.000.

Golob, Jurgen; and Gehrmann, Alfred, to Braun Aktiengesellschaft. Quick-release mechanical coupling for a kitchen appliance. 4,507,006, 3-26-85, Cl. 403-24.000.

Golobay, Gary L. Variable flow reversible vane pump. 4,501,535, 2-26-85, Cl. 417-440.000.

Golobic, Robert A.; and Scott, Michael H., to Joy Manufacturing Company. Propeller. 4,519,715, 5-28-85, Cl. 366-343.000.

Golod, Leonid D.: *See—*

Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Golombeck, Paul: *See—*

Wolff, Siegfried; and Golombeck, Paul, 4,524,169, Cl. 524-263.000.

Golovanov, Alexandr V.: *See—*

Eschenko, Vladislav Y.; Musaev, Irsali K.; Talibdzhanov, Zakhidzhan S.; Leonov, Viktor A.; Bobrov, Anatoly D.; Kirovsky, Efim I.; Gritsenko, Vladimir A.; and Golovanov, Alexandr V., 4,500,282, Cl. 431-184.000.

Golovin, Vasily Y.: *See—*

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Golovkin, Viktor T.: *See—*

Nosal, Vsevolod V.; Rybakov, Jury V.; Golovkin, Viktor T.; Novokreschenov, Mikhail M.; Lysikov, Boris V.; and Staneshin, Anatoly V., 4,538,350, Cl. 29-825.000.

Golovkina, Svetlana I.: *See—*

Lykov, Mikhail V.; Lembrikov, Vladimir M.; Golovkina, Svetlana I.; Malakhova, Nadezhda N.; Sterlin, Vladimir N.; Kochetkov, Viktor N.; and Markovin, Gennady M., 4,505,733, Cl. 71-34.000.

Golovkov, Alexandr S.: *See—*

Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.

Golson, F. Austin: *See—*

Edwards, Robert C.; and Golson, F. Austin, 4,546,202, Cl. 562-414.000.

Golson, Steven E.: *See—*

Curran, Kevin G.; Golson, Steven E.; and Rode, Christian S., 4,525,599, Cl. 178-22.080.

Golub, Gregory J., to Westinghouse Electric Corp. Circuit breaker with arc shield. 4,510,360, 4-9-85, Cl. 200-151.000.

Golub, Gregory J., to Westinghouse Electric Corp. Operating mechanism for a control device. 4,520,687, 6-4-85, Cl. 74-491.000.

Golub, Gregory J., to Westinghouse Electric Corp. Electrical switch. 4,554,420, 11-19-85, Cl. 200-11.0TC.

Golubev, Jury V.: *See—*

Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.

Golubev, Valery A.: *See—*

Emanuel, Nikolai M.; Rozenberg, Albina N.; Golubev, Valery A.; Bogdanov, Gennady N.; Vasilieva, Ljubov S.; and Konovalova, Nina P., 4,558,127, Cl. 544-310.000.

Golubev, Vladimir N.: *See—*

Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; and Karavaev, Alexandr A., 4,515,157, Cl. 128-303.00R.

Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; Karavaev, Alexandr A.; and Yakushev, Vladimir M., 4,534,348, Cl. 128-305.000.

Golubovic, Aleksandar: *See—*

Pellegrini, Paul W.; Ludington, Charlotte E.; Golubovic, Aleksandar; and Weeks, Melanie M., 4,533,933, Cl. 357-15.000.

Golyakhovsky, Vladimir. Devices and method for correct application of plaster dressings to treat fractures and dislocations. 4,532,922, 8-6-85, Cl. 128-91.00R.

GOM International Ltd.: *See—*

Giles, Brian, 4,543,277, Cl. 427-430.100.

Gomann, Rolf: *See—*

Grasse, Hans-Jochen; and Gomann, Rolf, 4,538,629, Cl. 131-282.000.

Gomarasca, Piero; Scolastico, Carlo; and Sirtori, Cesare, to LBP Istituto Faraceutico S.p.A. Pyrimidine and s-triazine derivatives with antilipidemic activity. 4,559,345, 12-17-85, Cl. 514-275.000.

Gombar, Mihaly: *See—*

Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

Gombault, Jacobus F., to Hadewe B.V. Methods and an apparatus for trilaterally opening an envelope. 4,553,459, 11-19-85, Cl. 83-36.000.

Gombert, Glenn S.: *See—*

Sutton, Steven R.; Hagen, Michael S.; Chapman, David D.; Gombert, Glenn S.; and Palmquist, Steven R., 4,541,100, Cl. 375-10.000.

Gombert, Jean: *See—*

Gauthier, Francis; and Gombert, Jean, 4,493,720, Cl. 65-3.120.

Gombert, Jean-Marie, to Airwick AG. Device ensuring permanent nutrition of pot plants. 4,539,038, 9-3-85, Cl. 71-64.110.

Gomer, Charles R.: *See—*

Fletcher, Edwin; Beaton, Gerald V.; and Gomer, Charles R., 4,520,266, Cl. 250-357.100.

Gomersall, Earl R.; and Cipolla, Arthur F., to Motorola, Inc. Real time, computer-driven retail pricing display system. 4,500,880, 2-19-85, Cl. 340-825.350.

Gomes, John M.; and Piotroski, Peter N., to Pitney Bowes Inc. Method and apparatus for customizing a multi-station document-inserter. 4,497,040, 1-29-85, Cl. 364-900.000.

Gomes, John M.; and Piotroski, Peter N., to Pitney Bowes Inc. Feeder interface circuit for universal multi-station document inserter. 4,517,650, 5-14-85, Cl. 364-478.000.

Gomes, John M.: *See—*

Piotroski, Peter N.; and Gomes, John M., 4,547,856, Cl. 364-478.000.

Gomez, Abelicio. Clutch lever retaining mechanism. 4,515,533, 5-7-85, Cl. 417-319.000.

Gomez, Aldan D.; and Gennetten, Edward W., to United States of America, Navy. Manchester decoder clock multiplier. 4,513,329, 4-23-85, Cl. 360-42.000.

Gomez, Daniel; and Bartoli, Giampaolo, to Arjomari-Prioux. Method for preparing a fibrous product containing cellulosic fibers and useful in particular, in the field of coverings in lieu of asbestos. 4,545,854, 10-8-85, Cl. 162-135.000.

Gomez, Eduardo: *See—*

Laitar, Robert A.; and Gomez, Eduardo, 4,546,124, Cl. 523-143.000.

Gomez, I. Luis, to Monsanto Company. Laminates of polycarbonate or acrylate and plasticized polyvinyl butyral. 4,514,464, 4-30-85, Cl. 428-332.000.

Gomez, I. Luis, to Monsanto Company. Laminates comprising plasticized polyvinyl butyral interlayers. 4,537,828, 8-27-85, Cl. 428-412.000.

Gomi, Chikashi; and Hagiwara, Kohichi. Valve seat. 4,557,[illegible]51, 12-10-85, Cl. 251-172.000.

Gomi, Haruo: *See—*

Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, 4,492,757, Cl. 435-280.000.

Gomi, Hiromi: *See—*

Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Gomi, Koichi; and Nishio, Shigeru, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Aisin Seiki Kabushiki Kaisha. Temperature sensitive negative-pressure control valve. 4,540,153, 9-10-85, Cl. 251-11.000.

Gomi, Shimpei; Takeuchi, Tomomitsu; Matsuo, Itaru; Tsutsui, Toshio; Nakagawa, Takao; and Miwa, Shigeru, to Fuji Standard Research Kabushiki Kaisha. Process for producing oil-containing, microspherical carbonaceous particles. 4,522,627, 6-11-85, Cl. 44-1.00R.

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- Gonzalez Flores, Manuel. Aseismic sliders. 4,514,941, 5-7-85, Cl. 52-167.000.
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  - Hernandez, Luis A.; and Gonzalez, Jorge E., 4,536,146, Cl. 425-297.000.
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  - Cao, Carlos M. M.; and Gonzalez, Manuel T., 4,507,277, Cl. 424-59.000.
- Gonzalez, Mikel: *See—*
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- Good, Ivan C.: *See—*
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  - Carbo, Adelaida L.; Good, Raymond H.; and Karas, Richard J., 4,507,339, Cl. 428-35.000.
- Good, William E.: *See—*
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- Goodall, Donald T. Pouring device. 4,509,665, 4-9-85, Cl. 222-478.000.
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- Gooden, Richmond A., to United Aircraft Products, Inc. Bootstrap reservoir. 4,538,972, 9-3-85, Cl. 417-540.000.
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- Goodman, Jack E., to Chevron Research Company. Optical fiber coating apparatus. 4,505,223, 3-19-85, Cl. 118-401.000.
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- Goodman, Jack P. Self-anchoring fence post and method of installing same. 4,530,190, 7-23-85, Cl. 52-165.000.
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  - Knapp, Furn F., Jr.; and Goodman, Mark M., 4,523,033, Cl. 562-496.000.
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  - Raley, Garland E.; and Goodrum, Richard W., 4,550,546, Cl. 53-425.000.
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- Goodson, Theodore, Jr.: *See—*
  - Spitzer, Wayne A.; and Goodson, Theodore, Jr., 4,500,456, Cl. 260-239.00A.
- Goodson, William H., III: *See—*
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- Goodway Tools Corporation: *See—*
  - Grimsley, Arvid K., 4,526,297, Cl. 222-107.000.
- Goodwill, Robert: *See—*
  - Hill, Ronald C.; Stein, Richard M.; Bzibziak, Raymond J.; and Goodwill, Robert, 4,516,448, Cl. 83-137.000.
- Goodwill, William P.: *See—*
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- Goodwin, Anton E.; Marton, Janet L.; Owens, Robert M.; Whisenhunt, Jackie W.; and Swain, Roy D., to Conoco Inc. Distillation apparatus. 4,528,162, 7-9-85, Cl. 422-101.000.
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- Goodwin, Norman W.: *See—*
  - Brown, Roger H.; Chow, Kuen; Goodwin, Norman W.; and Grinberg, Jan, 4,523,067, Cl. 219-10.49R.
- Goodyear Aerospace Corporation: *See—*
  - Barrett, Howard W.; and Fledderjohann, Paul F., 4,536,824, Cl. 361-384.000.
  - Beck, Arnold A., 4,523,282, Cl. 364-426.000.
  - Bischoff, Andrea L.; and Chin, Robert W., 4,535,957, Cl. 244-103.00R.
  - Brown, Richard P.; and Correll, Harold E., 4,552,194, Cl. 152-410.000.
  - Brown, Robert M.; and Turner, Patrick E., 4,529,640, Cl. 428-116.000.
  - Crossman, Richard L., 4,542,809, Cl. 188-72.800.
  - Gallo, Phillip C., 4,529,068, Cl. 188-71.800.
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  - Liggett, Paul E., 4,496,707, Cl. 528-61.000.
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  - Petersen, Don W., 4,557,356, Cl. 188-218.0XL.
  - Uram, John R., Jr., 4,555,450, Cl. 428-412.000.
- Goodyear Tire & Rubber Company, The: *See—*
  - Ambler, Michael R.; Lattime, Richard R.; and Wanca, Edward, 4,539,346, Cl. 523-332.000.
  - Anderson, Edward, Jr., 4,544,675, Cl. 521-43.000.
  - Armbruster, Robert G.; and Scriver, Richard M., 4,530,959, Cl. 524-526.000.
  - Benko, David A., 4,517,066, Cl. 204-192.00C.
  - Beres, Arthur W.; and Verderico, Joseph P., 4,508,497, Cl. 425-28.00R.
  - Bonko, Mark L.; and Lopp, Loran C., Jr., 4,534,392, Cl. 152-209.00B.
  - Boon, Wyndham H.; and Henderson, James N., 4,558,096, Cl. 525-166.000.
  - Boone, Joe P.; Head, William J.; and Kitz, Steven L., 4,506,627, Cl. 118-708.000.
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  - Castner, Kenneth F., 4,526,947, Cl. 526-240.000.
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  - Colvin, Howard A., 4,532,011, Cl. 203-9.000.
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  - Cottman, Kirkwood S., 4,521,559, Cl. 524-289.000.
  - Davies, Richard A.; Lee, Michael W.; Rodenberger, Frank A.; Hill, James R.; Kulavich, David P.; and Sowell, Donald L., 4,496,411, Cl. 156-136.000.
  - Deeken, William O.; and Davis, Charles L., 4,495,126, Cl. 264-137.000.
  - Deregibus, Alfio, 4,526,640, Cl. 156-242.000.
  - Eisenzimmer, George W., 4,550,587, Cl. 72-402.000.
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  - Fontaine, Jean F. L.; and Graas, Maurice, 4,546,808, Cl. 152-209.00R.
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  - Gloth, Richard E.; Tazuma, James J.; and Smith, Robert A., 4,537,952, Cl. 528-392.000.
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  - Grimm, Donald C., 4,520,156, Cl. 524-397.000.
  - Harding, Antony; and Marthoz, Roger, 4,526,267, Cl. 198-409.000.
  - Harvey, John D.; and Gindre, Andre V., 4,562,109, Cl. 428-220.000.
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  - Henderson, James N.; Donbar, Ken W.; Barbour, John J.; and Bell, Anthony J., 4,506,031, Cl. 502-162.000.
  - Hershberger, James B., 4,547,139, Cl. 425-28.00D.
  - Hinkel, Walter W., 4,550,756, Cl. 152-209.00R.
  - Hinks, William L., 4,502,857, Cl. 425-29.000.
  - Hitzky, Leo J., 4,503,898, Cl. 152-209.00R.
  - Houck, Richard C.; and Lundell, Dennis A., 4,509,244, Cl. 29-516.000.
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  - Johnson, David W., 4,495,755, Cl. 56-364.000.
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  - Lal, Joginder; and Senyek, Michael L., 4,551,503, Cl. 525-332.100.
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  - Long, Barry W., 4,526,637, Cl. 156-137.000.
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  - Marshall, Richard P., 4,545,718, Cl. 414-401.000.
  - Massey, Fred L.; and Callander, Douglas D., 4,499,226, Cl. 524-382.000.
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  - Nixon, Bryan E.; Ward, Donald W.; and Zaucha, Ronald J., 4,539,169, Cl. 264-171.000.

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Wolfe, James D.; Kimball, Michael E.; and Fruzzetti, Richard E., 4,552,913, Cl. 524-240.000.

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Goossens, John: *See—*

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Kuo, Han C.; Foster, Donald L.; Schlaikjer, Carl R.; Gopikanth, Mysore L.; and Dey, Arabinda N., 4,513,067, Cl. 429-101.000.

Gopinath, Bhaskarpillai: *See—*

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Gople-Pack and Industrial Marketing ApS: *See—*

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Goransson, Rolf E.; and Kalvenes, Oystein, to Internationella Siporex AB. Apparatus for dividing aerated concrete blocks. 4,528,883, 7-16-85, Cl. 83-870.000.

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Sidorov, Viktor V.; Tselniker, Efim Y.; Sidorov, Evgeny P.; Sukhov, Leonid V.; Gorb, Vyacheslav F.; and Bairakovsky, Gennady M., 4,495,401, Cl. 219-136.000.

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Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Gorbunov, Evgeny S.: *See—*

Ivanchenko, Nikolai N.; Sokolov, Sergei S.; Lazarev, Anatoly A.; Kataev, Evgeny M.; Glazunov, Arkady A.; and Gorbunov, Evgeny S., 4,497,309, Cl. 123-276.000.

Gorczyca, Thomas B.: *See—*

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Gordbegli, Manochehr; and An, Sangchol, to Purex Pool Products, Inc. Pool or spa water heater. 4,501,232, 2-26-85, Cl. 122-235.00C.

Gordeev, Nikolai A.: *See—*

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Gordon, Alan M.: *See—*

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Gordon, Arnold Z., to Gould Inc. Electrochemical cell and method of passivating same. 4,548,878, 10-22-85, Cl. 429-50.000.

Gordon, Arnold Z.: *See—*

Hardee, Kenneth L.; Gordon, Arnold Z.; Pyle, Charles B.; and Sen, Rajat K., 4,501,824, Cl. 502-339.000.

Gordon Barlow Design: *See—*

Barlow, Gordon A.; and Krutsch, John R., 4,504,243, Cl. 446-447.000.

Gordon, Bernard M., to Analogic Corporation. Continuous wave fan beam tomography system having a best-estimating filter. 4,547,893, 10-15-85, Cl. 378-19.000.

Gordon, Bruce E., to Raytheon Company. Memory system. 4,493,090, 1-8-85, Cl. 375-4.000.

Gordon, David R.: *See—*

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Gordon, Eliot. Device for protecting the web of a hand in a medical cast. 4,530,351, 7-23-85, Cl. 128-82.000.

Gordon, Eric M.; and Weller, Harold N., III, to E. R. Squibb & Sons, Inc. Carboxy and substituted carboxy alkanoyl and cycloalkanoyl peptides. 4,499,079, 2-12-85, Cl. 514-2.000.

Gordon, Eric M.; and Godfrey, Jollie D., Jr., to E. R. Squibb & Sons, Inc. Amino thiol dipeptides. 4,500,518, 2-19-85, Cl. 514-2.000.

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Gordon, Eric M.; and Ondetti, Miguel A., to E. R. Squibb & Sons, Inc. Antibacterial O-sulfated β-lactam hydroxamic acids. 4,533,660, 8-6-85, Cl. 514-210.000.

Gordon, Eric M.; and Godfrey, Jollie D., Jr., to E. R. Squibb & Sons, Inc. Intermediates for preparing amino thiol dipeptides. 4,558,150, 12-10-85, Cl. 560-16.000.

Gordon, Eric M.: *See—*

Delaney, Norma G.; and Gordon, Eric M., 4,539,312, Cl. 514-16.000.

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Natarajan, Sesha I.; and Gordon, Eric M., 4,535,176, Cl. 560-27.000.

Weller, Harold N., III; Gordon, Eric M.; Karanewsky, Donald S.; and Ryono, Denis E., 4,512,988, Cl. 514-211.000.

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Gordon, Eugene I.; and Levy, Uri, to AT&T Bell Laboratories. Semiconductor laser CRT. 4,539,687, 9-3-85, Cl. 372-43.000.

Gordon, Eugene I., to AT&T Bell Laboratories. Semiconductor laser with coupled loss modulator for optical telecommunications. 4,558,449, 12-10-85, Cl. 372-44.000.

Gordon, Eugene I.: *See—*

Blank, Stuart L.; and Gordon, Eugene I., 4,514,756, Cl. 358-66.000.

Gordon, Gary B.; Joy, Robert; and Lee, Michael J., to Hewlett-Packard Company. Three state driver for inductive loads. 4,496,886, 1-29-85, Cl. 318-254.000.

Gordon, Gary B. Machine tool readout with automatic cutter radius offset. 4,510,566, 4-9-85, Cl. 364-190.000.

Gordon, James L.: *See—*

Fatool, Francis N.; and Gordon, James L., 4,542,901, Cl. 273-25.000.

Gordon, James R. Conveyor belt scraper. 4,533,036, 8-6-85, Cl. 198-499.000.

Gordon, James S., to MKF Energy Conservation Company. Textile dryer heat recovery system. 4,532,721, 8-6-85, Cl. 34-34.000.

Gordon, John H. Method and apparatus for belling pipe ends. 4,545,951, 10-8-85, Cl. 264-322.000.

Gordon, John T.: *See—*

Cross, Michael; and Gordon, John T., 4,554,439, Cl. 219-497.000.

Gordon, Kevin R.; Kelsey, Jeffrey R.; and Stannard, Ivan C., to British Petroleum Company Limited, The. Cross-linked polymer compositions and production thereof. 4,507,411, 3-26-85, Cl. 523-436.000.

Gordon, Lance K., to Connaught Laboratories, Inc. *Haemophilus influenzae* b polysaccharide-diphtheria toxoid conjugate vaccine. 4,496,538, 1-29-85, Cl. 424-92.000.

Gordon, Linda A.: *See—*

Tarello, William R.; Lopez, Claudio; Gordon, Linda A.; Whalen, Thomas D.; and Harvey, William B., 4,518,384, Cl. 604-61.000.

Gordon, Lucas S.; and Pierson, Jeanne, to Bentley Laboratories, Inc. Blood reservoir. 4,493,705, 1-15-85, Cl. 604-122.000.

Gordon, Marvin, to Whitman Medical Corporation. Isolation of forestream and midstream portions of collected urine samples. 4,494,581, 1-22-85, Cl. 141-1.000.

Gordon, Marvin; and Lichtenstein, Joseph, to Whitman Medical Corporation. Surgical scrub. 4,498,796, 2-12-85, Cl. 401-132.000.

Gordon, Marvin; and Lichtenstein, Joseph, to Whitman Medical Corporation. Surgical scrub. 4,507,111, 3-26-85, Cl. 604-3.000.

Gordon, Michael E.: *See—*

Cohen, Lenard; and Gordon, Michael E., 4,551,783, Cl. 361-223.000.

Gordon, Norman. Tooth and gum dentifrice. 4,522,805, 6-11-85, Cl. 424-52.000.

Gordon, Pat L.: *See—*

Calfee, Richard V.; Bertasz, Robert N.; Terry, Reese S., Jr.; Gordon, Pat L.; and Baker, Ross G., Jr., 4,539,992, Cl. 128-419.0PG.

Varrichio, Anthony J.; and Gordon, Pat L., 4,553,548, Cl. 128-421.000.

Gordon, Paul, to Newport Pharmaceuticals International, Inc. Method of treating inflammation using inosiplex. 4,512,981, 4-23-85, Cl. 514-45.000.

Gordon, Philip: *See—*

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Gordon, Philip J., to Chesebrough-Pond's Inc. High pearlescent pressed powder eye shadow composition. 4,534,963, 8-13-85, Cl. 424-69.000.

Gordon, Reuben H.: *See—*

Bykerk, Rocky S., 4,551,781, Cl. 361-143.000.

Gordon, Robert E.: *See—*

Ordidge, Roger J.; and Gordon, Robert E., 4,531,094, Cl. 324-309.000.

Gordon, Robert L.; Alba, Andrew J.; Bodary, Michael; and Mesquida-Feirman, Barbara, to International Paper Company. Denesting paperboard container. 4,498,585, 2-12-85, Cl. 206-518.000.

Gordon, Robert L., to International Paper Company. Tear tape openable container. 4,558,785, 12-17-85, Cl. 206-617.000.

Gordon, Robert T. Device and method for the selective delivery of drugs to the myocardium. 4,531,936, 7-30-85, Cl. 604-49.000.

Gordon, Roy G. Reactor for continuous coating of glass. 4,524,718, 6-25-85, Cl. 118-718.000.

Gordon, Roy G. Chemical vapor deposition of titanium nitride and like films. 4,535,000, 8-13-85, Cl. 427-160.000.

Gordon, Thomas A.: *See—*

Logan, David J.; Wood, Kenneth O.; Gordon, Thomas A.; and Ladue, John E., 4,547,786, Cl. 346-140.00R.

Gordon, Timothy M.: *See—*

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Gordon Warren Co.: *See—*

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Gordon, William B.: *See—*

Cantrell, Ben H.; Gordon, William B.; and Trunk, Gerard V., 4,532,515, Cl. 343-16.00R.

Gordon, William R.; and Nicholson, Peter N., to Honeywell Inc. Detector dewar assembly. 4,528,449, 7-9-85, Cl. 250-352.000.

Gordon, Wolfgang: *See—*

Cherdron, Harald; Gordon, Wolfgang; and Kloos, Friedrich, 4,493,751, Cl. 162-157.200.

Gordon, Woodford W. Method and apparatus for positioning maxillary and mandibular arch models for forming a gnathological positioner. 4,504,226, 3-12-85, Cl. 433-63.000.

Gordy, John, to New Fibers International. Nonsulfur chemimechanical pulping process. 4,548,675, 10-22-85, Cl. 162-26.000.

Gore, David W.: *See—*

Gore, Wilbert L.; Gore, Robert W.; and Gore, David W., 4,545,862, Cl. 203-10.000.

Gore, Jacques: *See—*

Bluthe, Norbert; Gore, Jacques; and Malacria, Max, 4,510,330, Cl. 568-403.000.

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Gore, Robert W.: *See—*

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Gore, Thomas C., to Uarco Incorporated. Continuous business form for automated mailing. 4,497,509, 2-5-85, Cl. 282-11.50A.

Gore, Wilbert L.; Gore, Robert W.; and Gore, David W., to W. L. Gore & Associates, Inc. Desalination device and process. 4,545,862, 10-8-85, Cl. 203-10.000.

Gorecki, James L., to Honeywell Inc. JFET monolithic integrated circuit with input bias current temperature compensation. 4,492,972, 1-8-85, Cl. 357-22.000.

Gorecki, James L., to Honeywell Inc. Process insensitive CMOS window detector. 4,543,498, 9-24-85, Cl. 307-360.000.

Gorecki, James L., to Honeywell Inc. Power line carrier FSK data system. 4,556,866, 12-3-85, Cl. 340-310.00A.

Gorenje Tovarna Gospodinjske Opreme N.Sol. O. Velenje: *See—*

Skerjanec, Joze; and Pocivalnik, Stane, 4,561,925, Cl. 156-379.600.

Gores, Carolyn C.: *See—*

Gores, Kenneth W.; and Gores, Carolyn C., 4,544,354, Cl. 433-42.000.

Gores, Kenneth W.; and Gores, Carolyn C. Anteriorly bridged dental trays. 4,544,354, 10-1-85, Cl. 433-42.000.

Gorgens, Joseph E.; Goff, Randall; and Sardi, Stephen G., to Dresser Industries, Inc. Combined pressure gauge-transmitter. 4,502,334, 3-5-85, Cl. 73-705.000.

Gorgenyi, Frigyes: *See—*

Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.

Gorges, Friedrich J., to Boeing Company, The. Unitary access panel for aircraft fuel tanks. 4,530,443, 7-23-85, Cl. 220-327.000.

Gorges, Friedrich J., to Boeing Company, The. Unitary fastener insert for structural sandwich panels. 4,557,100, 12-10-85, Cl. 52-787.000.

Gorges, Friedrich J., to Boeing Company, The. Light-weight, fire-retardant structural panel. 4,557,961, 12-10-85, Cl. 428-117.000.

Gorgone, Robert L.; Iannadrea, Gerald M.; Dolejs, Anthony H.; Knox, Bruce R.; and Kovach, Alan J., to Ardac, Inc. Security validator. 4,513,439, 4-23-85, Cl. 382-7.000.

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Elsing, John W.; Gorham, Gene F.; and Knopp, Steven D., 4,521,819, Cl. 360-97.000.

Gorham, Mary. Disposable underarm perspiration pad. 4,545,080, 10-8-85, Cl. 2-54.000.

Gorin, Brian A.; and Ho, Ping-Pei, to NCR Corporation. Process for making high efficiency phase holograms. 4,510,221, 4-9-85, Cl. 430-1.000.

Gorin, Brian A.: *See—*

Ho, Ping-Pei; Gorin, Brian A.; and Bora, Nayana S., 4,509,817, Cl. 350-3.610.

Gorin, Steven E.: *See—*

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Gorina, Ljudmila V.: *See—*

Markov, Vladimir A.; Filatov, Vladimir N.; Kernasovsky, Ilya S.; and Gorina, Ljudmila V., 4,515,254, Cl. 188-371.000.

Goring, John O., to Scott Bader Company Limited. Accelerators for the cure of epoxy resins. 4,507,441, 3-26-85, Cl. 525-438.000.

Goris, Heinrich: *See—*

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Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., 4,531,934, Cl. 604-22.000.

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Gorman, Anthony G.; Smith, Peter L.; and Barrett, Paul Q., to Racal Acoustics Limited. Communication set and method. 4,513,413, 4-23-85, Cl. 370-30.000.

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Dowbenko, Rostyslaw; Stewart, Raymond S.; Hartman, Marvis E.; Gorman, Barbara; and Thomas, Stephen J., 4,499,150, Cl. 428-447.000.

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Gorman, Charles R.: *See—*

Cherney, Leon; Gorman, Charles R.; Traynor, Sean G.; and Cardenas, Carlos G., 4,533,751, Cl. 564-408.000.

Gorman, Edith C. Self-adhering members. 4,530,867, 7-23-85, Cl. 428-41.000.

Gorman, Esther M.; Gorman, William W., Jr.; and Lederer, William H., to E-C Apparatus Corporation. Field-test method and apparatus for the detection of asbestos. 4,492,759, 1-8-85, Cl. 436-72.000.

Gorman, Michael W. Insulated liquid container. 4,548,339, 10-22-85, Cl. 222-129.000.

Gorman, Patrick R.; and Stottlemyer, William O., to ITT Corporation. Handsfree circuit for telephone instrument. 4,497,980, 2-5-85, Cl. 179-81.00B.

Gorman, Robert H., to American Robot Corporation. Industrial robot having direct coaxial motor drive. 4,552,505, 11-12-85, Cl. 414-735.000.

Gorman, Robert R.: *See—*

Masaki, Ichiro; Shulman, Burt H.; and Gorman, Robert R., 4,492,847, Cl. 219-124.340.

Gorman, William G.; Popp, Karl F.; Galloway, Jennifer C.; and Sedlock, David M., to Sterling Drug Inc. Antimicrobial surface degerming compositions and method of use thereof. 4,542,125, 9-17-85, Cl. 514-57.000.

Gorman, William G.; and Byron, David A., to Sterling Drug Inc. Syringe for extrusion of semi-plastic material. 4,551,135, 11-5-85, Cl. 604-82.000.

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Gormer, Alan, to Westland plc. Helicopter rotors. 4,509,898, 4-9-85, Cl. 416-2.000.

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Gorney, Moshe; and Dinur, Eldad, to Naan Mechanical Works. Drip irrigation apparatus. 4,519,546, 5-28-85, Cl. 239-542.000.

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Gerhard, Gregory J.; Gornstein, Robert J.; Graham, William M.; Patel, Anilbhai S.; Smith, John M.; and Vaughn, Wade C., 4,502,162, Cl. 3-13.000.

Goro S.A.: *See—*

Schick, Jean-Francois, 4,538,755, Cl. 227-152.000.

Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N. Apparatus for drying and calcinating coated welding electrodes with the use of induction heating. 4,490,922, 1-1-85, Cl. 34-1.000.

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Gorowitz, Bernard; and Saia, Richard J., to General Electric Company. Method for tapered dry etching. 4,522,681, 6-11-85, Cl. 156-643.000.

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Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Gorris, Joannes J. H. M., to U.S. Philips Corporation. Method and device for balancing circular plate-shaped objects. 4,495,812, 1-29-85, Cl. 73-468.000.

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Gorski, Richard M., to Zenith Electronics Corporation. Ultra-short LoBi electron gun for very short cathode ray tubes. 4,498,028, 2-5-85, Cl. 315-15.000.

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Zuber, Chester L.; Butrum, Virgil T.; Gorss, Jeffrey B.; and Rydholm, Manford E., 4,491,475, Cl. 75-65.00R.

Gorsuch, Ralph E., to Elkhart Machine & Tool Co., Inc. Lighted running board. 4,544,991, 10-1-85, Cl. 362-81.000.

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Purdy, Kenneth R.; Gorton, Charles W.; and Knight, James A., Jr., 4,497,637, Cl. 48-111.000.

Gorton, Thomas S., Jr.: *See—*

Wenstrom, Richard T.; and Gorton, Thomas S., Jr., 4,532,677, Cl. 17-74.000.

Gortz, Bernd: *See—*

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Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Gorzinski, Manfred; Wilk, Hans-Christoph; Fischer, Herbert; and Wegemund, Bernd, to Henkel Kommanditgesellschaft auf Aktien. Emulsifier-free and solvent-free alkyd resin water lacquers. 4,497,933, 2-5-85, Cl. 524-604.000.

Gorzinski, Manfred: *See—*

Fischer, Herbert; Gorzinski, Manfred; Gress, Wolfgang; Meffert, Alfred; and Wegemund, Bernd, 4,555,564, Cl. 528-295.300.

Wilk, Hans-Christoph; Wegemund, Bernd; and Gorzinski, Manfred, 4,517,334, Cl. 524 539.000.

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Dubrovsky, Evgeny V.; Dunaev, Viktor P.; and Kuzin, Anatoly I., 4,502,315, Cl. 72-385.000.

Goscenski, Edward J., Jr., to Eaton Corporation. Single shaft positive drive. 4,507,984, 4-2-85, Cl. 74-650.000.

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Goscianski, Michel, to U.S. Philips Corporation. Information display device comprising a liquid crystal cell. 4,496,220, 1-29-85, Cl. 350-341.000.

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Gosciniak, Guy: *See—*

Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,529,015, Cl. 139-435.000.

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Napp, Gerhard; Bieringer, Ulrich; Kreismer, Heinz; and Goseberg, Walter, 4,500,833, Cl. 323-359.000.

Gosele, Hartmut: *See—*

Worner, Gunter; Kosik, Franz; and Gosele, Hartmut, 4,516,955, Cl. 464-89.000.

Gosger, Peter, to AEG-Elotherm, GmbH. Spark-erosive planetary eroding apparatus with variable flow rate of dielectric fluid. 4,559,435, 12-17-85, Cl. 219-69.00D.

Goshi, Hiroo: *See—*

Suemitsu, Yukimasa; Nakajima, Kazutsugu; Naka, Ryoichi; and Goshi, Hiroo, 4,548,685, Cl. 204-146.000.

Goshi, Hiroyuki: *See—*

Kawamata, Masanobu; Ushimaru, Koichi; Goshi, Hiroyuki; and Miyasako, Hideichi, 4,533,552, Cl. 424-78.000.

Goshima, Takahiro: *See—*

Takei, Toshihiro; Goshima, Takahiro; Hattori, Yoshiyuki; and Matsui, Kazuma, 4,494,943, Cl. 474-28.000.

Goshima, Takayuki: *See—*

Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, 4,550,638, Cl. 84-431.000.

Goshima, Toshikazu: *See—*

Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.

Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.
Goshima, Tsutomu: *See—*
Yokota, Mitsuru; Fujioka, Shuji; Goshima, Tsutomu; Kenjo, Hideki; and Komaki, Kazushige, 4,548,983, Cl. 524-726.000.
Gosho, Nobuyuki: *See—*
Nakate, Hiroshi; Kondo, Masatoshi; and Gosho, Nobuyuki, 4,523,072, Cl. 219-67.000.
Goslarer Farbenwerke Dr. Hans Heubach GmbH & Co. KG: *See—*
Heubach, Rainer; Marx, Reinhard; Kunz, Peter; and Hauke, Dieter, 4,536,385, Cl. 423-621.000.
Gosling, Ian G.; and Carver, Richard D., to British Telecommunications. Mounting dielectric resonators. 4,560,965, 12-24-85, Cl. 333-219.000.
Gosney, John J.: *See—*
Capper, Peter; and Gosney, John J., 4,551,196, Cl. 156-616.00R.
Goss, Gary J.; Kelly, Richard P.; and Murray, Thomas L., Jr., to Honeywell Information Systems Inc. Automatic data steering and data formatting mechanism. 4,494,186, 1-15-85, Cl. 364-200.000.
Goss, Gary J.; Moles, Robert G. H.; Hinrichs, Randall D.; and Holtey, Thomas O., to Honeywell Information Systems Inc. Digital serial interface with encode logic for transmission. 4,542,517, 9-17-85, Cl. 375-36.000.
Goss, Gary J.; Moles, Robert G. H.; and Hinrichs, Randall D., to Honeywell Information Systems Inc. Digital apparatus for synchronizing a stream of data bits to an internal clock. 4,558,409, 12-10-85, Cl. 364-200.000.
Goss, Joseph R.; and Schulz, David W., to Rockwell International Corporation. Low cost method of making superplastically formed and diffusion bonded structures. 4,526,312, 7-2-85, Cl. 228-157.000.
Goss, Raymond W., to Hercules Incorporated. Composition for tufted carpets. 4,501,846, 2-26-85, Cl. 524-476.000.
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Goss, Willis C.: *See—*
McLauchlan, John M.; AuYeung, John; Tubbs, Eldred F.; Goss, Willis C.; and Psaltis, Demetri, 4,533,242, Cl. 356-5.000.
Gossage, Henry E. Electrochemical oxidation synthesis of bis-(5,5') -8 -Anilino -1-naphthalene Sulfonate (bis-Ans). 4,528,076, 7-9-85, Cl. 204-78.000.
Gossard, Arthur C.: *See—*
Chemla, Daniel S.; Damen, Theodoor C.; Gossard, Arthur C.; Miller, David A. B.; and Wood, Thomas H., 4,525,687, Cl. 332-7.510.
Gosschalk, Terry, to Nebo Pumps Pty. Ltd. Pulse driven hydraulic pump. 4,553,910, 11-19-85, Cl. 417-378.000.
Gossel, Dieter: *See—*
Beckmann, Friedrich K.; Dotsch, Horst; and Gossel, Dieter, 4,559,467, Cl. 313-359.100.
Gosselin, Jean: *See—*
Peynaud, Francois; Gosselin, Jean; Farcy, Andre; and Grandvaux, Bernard, 4,516,226, Cl. 367-6.000.
Gosselink, Eugene P., to Procter & Gamble Company, The. Cationic polymers having clay soil removal/anti-redeposition properties useful in detergent compositions. 4,551,506, 11-5-85, Cl. 525-417.000.
Gossen, Hans: *See—*
von Schwerdtner, Otto; Gossen, Hans; Gunther, Jurgen; and Peters, Hans, 4,530,212, Cl. 60-657.000.
Gossens, Peter: *See—*
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Gosset, Serge: *See—*
Lumaret, Jean-Claude; Gosset, Serge; and Huchette, Michel, 4,512,915, Cl. 252-389.00A.
Gossett, Ernest W., Jr.: *See—*
Lau, Anthony S. Y.; and Gossett, Ernest W., Jr., 4,502,783, Cl. 356-152.000.
Gossett, Patricia W.: *See—*
Rizvi, Syed S. H.; and Gossett, Patricia W., 4,512,182, Cl. 73-64.100.
Gossi, Hans. System for efficient service water heating. 4,537,348, 8-27-85, Cl. 237-8.00A.
Gossling Development Corporation: *See—*
Manzi, Joseph, 4,519,566, Cl. 248-360.000.
Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, to SKF Kugellagerfabriken GmbH. Process and apparatus for assembling universal joints. 4,558,502, 12-17-85, Cl. 29-434.000.
Gosswiller, Earl W., to Federal Signal Corporation. Siren. 4,529,969, 7-16-85, Cl. 340-405.000.
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Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.
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Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.
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Spektor, Jury N.; Gaponov, Valery M.; and Masovich, Felix Z., 4,508,391, Cl. 299-43.000.
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Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.
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Goswami, Jagadish C.: *See—*
Deatcher, John H.; and Goswami, Jagadish C., 4,496,628, Cl. 428-337.000.
Gotah, Eizo; Tomishima, Takeshi; Tsutsumi, Tadao; and Komuro, Yoshiyuki, to Toray Industries, Inc. Method for continuous polycondensation of higher aliphatic ω-amino acid particles. 4,546,171, 10-8-85, Cl. 528-310.000.
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Liden, Hadar, 4,498,412, Cl. 114-264.000.
Gotaverken Energy Systems AB: *See—*
Astrom, Ingemar, 4,546,709, Cl. 110-216.000.
Gotch, Henry, to Grundy Dispense Systems, Inc. Containers for beverages. 4,548,343, 10-22-85, Cl. 222-400.700.
Gotcher, Alan J.: *See—*
Fouts, Robert W., Jr.; Au, Andrew N. S.; Miller, Burton E.; and Gotcher, Alan J., 4,545,926, Cl. 252-511.000.
Goth, George R.; and Malaviya, Shashi D., to International Business Machines Corporation. Lateral device structures using self-aligned fabrication techniques. 4,508,579, 4-2-85, Cl. 148-175.000.
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Goth, George R.: *See—*
Galie, John R.; Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,541,168, Cl. 29-579.000.
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Gartner, Georg; and Gotje, Egbert B. G. W., 4,530,669, Cl. 445-51.000.
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Muto, Toshiaki; and Goto, Akio, 4,495,790, Cl. 72-326.000.
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Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, 4,518,863, Cl. 250-578.000.
Goto, Giichi: *See—*
Okutani, Tetsuya; and Goto, Giichi, 4,559,177, Cl. 260-396.00R.
Goto, Hideo; Hosoe, Takeo; Oda, Toshinori; and Ohtsuka, Sosuke, to Brother Kogyo Kabushiki Kaisha. Colored character printed on key button. 4,516,978, 5-14-85, Cl. 8-510.000.
Goto, Hiroaki: *See—*
Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.
Goto, Hirofumi: *See—*
Shimizu, Osamu; Goto, Hirofumi; and Matsukawa, Fumio, 4,556,876, Cl. 340-713.000.

- Goto, Hirokazu: *See—*
  - Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, 4,506,220, Cl. 324-252.000.
- Goto, Hiroshi; and Tabata, Akira, to Fujitsu Limited. Method for fabricating isolation region in semiconductor devices. 4,509,249, 4-9-85, Cl. 29-576.00W.
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  - Kikuchi, Toru; Saito, Takayuki; Kobayashi, Akihiro; and Goto, Hitoshi, 4,507,460, Cl. 525-507.000.
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- Goto, Jugo; and Kubota, Tsutomu, to Takeda Chemical Industries, Ltd. Solid resin composition. 4,552,920, 11-12-85, Cl. 525-58.000.
- Goto, Kazuhiro; Yaoka, Osamu; and Oe, Takanori, to Yoshitomi Pharmaceutical Industries, Ltd. Therapeutic agent for hypertension. 4,555,510, 11-26-85, Cl. 514-291.000.
- Goto, Kimihiko: *See—*
  - Yoshioka, Shigehiko; Yamada, Hideto; Goto, Kimihiko; Adachi, Yoshio; and Miyahana, Kazuo, 4,533,434, Cl. 162-124.000.
- Goto, Kiyoshi: *See—*
  - Yamamoto, Takeshi; and Goto, Kiyoshi, 4,504,567, Cl. 430-165.000.
- Goto, Koichi: *See—*
  - Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, 4,529,697, Cl. 435-110.000.
- Goto, Kuniaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Variable resistance gain control integrated circuit. 4,547,743, 10-15-85, Cl. 330-254.000.
- Goto, Kunio: *See—*
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.
  - Wada, Yoshiyo; Goto, Kunio; and Kinjo, Hisao, 4,497,052, Cl. 369-126.000.
  - Wada, Yoshiyo; Goto, Kunio; and Takehara, Hideaki, 4,503,529, Cl. 369-126.000.
- Goto, Masahiro: *See—*
  - Aoki, Takao; Inoue, Takahiro; Goto, Masahiro; and Takeda, Kenji, 4,494,856, Cl. 355-3.00R.
- Goto, Masahito: *See—*
  - Sato, Atsushi; Murai, Yoshikazu; Goto, Masahito; and Mochizuki, Kanji, 4,514,229, Cl. 106-135.000.
- Goto, Moritaka; and Kameoka, Takahito, to Fujikura Ltd. Electrical connector. 4,558,913, 12-17-85, Cl. 339-74.00R.
- Goto, Sakichi, to Japan Mining Promotive Foundation, The. Method of smelting zinc by injection smelting. 4,514,221, 4-30-85, Cl. 75-63.000.
- Goto, Satoshi: *See—*
  - Sawada, Kiyoshi; Goto, Satoshi; Kinoshita, Akira; and Sasaki, Osamu, 4,515,881, Cl. 430-58.000.
  - Takahashi, Jiro; Komamura, Tawara; Sawada, Kiyoshi; Sasaki, Ssamu; Goto, Satoshi; and Kinoshita, Akira, 4,495,261, Cl. 430-58.000.
  - Takahashi, Jiro; Sawada, Kiyoshi; Kinoshita, Akira; Komamura, Tawara; Goto, Satoshi; and Sasaki, Osamu, 4,537,847, Cl. 430-58.000.
- Goto, Shigeru: *See—*
  - Ishida, Matsuhiko; Asano, Masaru; Goto, Shigeru; and Sakurai, Takeshi, 4,557,369, Cl. 198-333.000.
- Goto, Shinichi, to Hitachi Maxell, Ltd. Recording tape cartridge. 4,504,028, 3-12-85, Cl. 242-198.000.
- Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, to Yaskawa Electric Mfg. Co., Ltd. Electric motor. 4,492,906, 1-8-85, Cl. 318-488.000.
- Goto, Takaharu; Sato, Takeshi; Sakai, Kouzou; and Ii, Motohiko, to Nihon Cement Co., Ltd.; and Sanyo Chemical Industries, Ltd. Cement-shrinkage-reducing agent and cement composition. 4,547,223, 10-15-85, Cl. 106-90.000.
- Goto, Takahiro: *See—*
  - Manabe, Nobuyuki; and Goto, Takahiro, 4,515,312, Cl. 239-227.000.
- Goto, Takeshi: *See—*
  - Iemura, Takusuke; Goto, Takeshi; and Komaki, Hiroshi, 4,531,789, Cl. 312-268.000.
  - Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.
- Goto, Teruhisa: *See—*
  - Takahashi, Hiroshi; and Goto, Teruhisa, 4,503,194, Cl. 525-329.500.
- Goto, Tetsuro, to Nippon Kogaku K.K. Display device for camera. 4,498,751, 2-12-85, Cl. 354-289.100.
- Goto, Tokuju: *See—*
  - Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,507,539, Cl. 219-121.0PY.
  - Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,550,578, Cl. 68-5.00E.
- Goto, Tomomichi; Iwamoto, Katsuo; Kobayashi, Yoshinori; and Matoba, Isao, to Kawasaki Steel Corporation. Method of producing grain-oriented silicon steel sheets having excellent magnetic properties. 4,517,032, 5-14-85, Cl. 148-111.000.
- Goto, Toshiki: *See—*
  - Asano, Hiroshi; Shimamune, Takayuki; and Goto, Toshiki, 4,498,942, Cl. 156-151.000.
  - Asano, Hisoshi; Shimamune, Takayuki; Goto, Toshiki; and Hosonuma, Masashi, 4,500,405, Cl. 204-290.00F.
- Goto, Toshio: *See—*
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,500,342, Cl. 71-93.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,545,944, Cl. 260-545.00R.
  - Shiokawa, Kozo; Moriya, Koichi; Goto, Toshio; Kamochi, Atsumi; and Kohama, Shigeo, 4,559,079, Cl. 71-92.000.
- Goto, Tsutomu: *See—*
  - Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro, 4,499,754, Cl. 73-861.120.
- Goto, Tukasa: *See—*
  - Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, 4,523,552, Cl. 123-143.00B.
- Goto, Yasuhiro: *See—*
  - Deguchi, Masahiro; Moriya, Mitsuro; Wakami, Noboru; Goto, Yasuhiro; and Shiragami, Kazuharu, 4,539,664, Cl. 369-44.000.
- Goto, Yasuo: *See—*
  - Murata, Tomoji; Hayashi, Masamichi; Goto, Yasuo; and Sakurai, Seiichi, 4,518,249, Cl. 355-67.000.
- Goto, Yasuyuki: *See—*
  - Fukui, Masahiro; Kitano, Kisei; Tanaka, Masami; and Goto, Yasuyuki, 4,533,488, Cl. 252-299.610.
  - Inoue, Hiromichi; Fukui, Masahiro; Goto, Yasuyuki; and Tokita, Susumu, 4,507,222, Cl. 252-299.630.
  - Inoue, Hiromichi; Inukai, Takashi; Goto, Yasuyuki; Sato, Hideo; and Fukui, Masahiro, 4,522,741, Cl. 252-299.630.
  - Sugimori, Shigeru; Kojima, Tetsuhiko; Goto, Yasuyuki; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,536,321, Cl. 252-299.630.
- Goto, Yoshiharu: *See—*
  - Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, 4,527,606, Cl. 152-209.00R.
- Goto, Yoshiki: *See—*
  - Ando, Eiji; Goto, Yoshiki; Moriyama, Kumiko; Takeshita, Isao; and Hirao, Kunio, 4,557,850, Cl. 252-68.000.
- Gotoda, Katsuhiko: *See—*
  - Inamori, Kazuo; and Gotoda, Katsuhiko, 4,527,886, Cl. 355-3.00R.
  - Nishihama, Hitoshi; Gotoda, Katsuhiko; Motomura, Minoru; Nakajima, Tadanobu; and Aizawa, Tatsuo, 4,533,618, Cl. 430-126.000.
- Gotoda, Yusuke; and Yoshimura, Toshimitsu, to Honda Giken Kogyo Kabushiki Kaisha. Power transmission system for vehicles. 4,494,637, 1-22-85, Cl. 192-48.400.
- Gotoh, Akio: *See—*
  - Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.
  - Sekigawa, Tatsuaki; Gotoh, Akio; Tsutsumi, Syuitsu; Marui, Kuniyoshi; and Honda, Naoto, 4,509,201, Cl. 455-73.000.
- Gotoh, Hajime: *See—*
  - Inoue, Masao; Suzuki, Shingo; and Gotoh, Hajime, 4,525,029, Cl. 350-128.000.
- Gotoh, Hideo; Fukao, Satoshi; and Suzuki, Makoto, to Brother Kogyo Kabushiki Kaisha. Key-holding structure of keyboard with curved operating surface of keys. 4,528,428, 7-9-85, Cl. 200-5.00A.
- Gotoh, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Charging generator for car. 4,491,754, 1-1-85, Cl. 310-88.000.
- Gotoh, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Brush-retaining device. 4,554,476, 11-19-85, Cl. 310-239.000.
- Gotoh, Ichisei: *See—*
  - Yamawaki, Satoshi; Sugihara, Atsushi; Kobayashi, Yasushi; Ishida, Hiroshi; Kuramasu, Yukio; and Gotoh, Ichisei, 4,556,165, Cl. 228-223.000.
- Gotoh, Isamu; Watanabe, Masaki; Wakatsuki, Goroei; Shimoyama, Hiroshi; and Matsuzawa, Masakazu, to Honda Giken Kogyo Kabushiki Kaisha. Motor vehicles. 4,529,055, 7-16-85, Cl. 180-210.000.
- Gotoh, Kunihiko: *See—*
  - Takayama, Yoshihisa; Gotoh, Kunihiko; Ito, Akihiko; Yamamura, Takeshi; and Fujita, Kazuyoshi, 4,536,949, Cl. 29-578.000.
- Gotoh, Miyuki, to Nissan Motor Company, Limited. System for controlling warp let-off motion of weaving machine during machine downtime. 4,537,226, 8-27-85, Cl. 139-100.000.
- Gotoh, Miyuki; and Wada, Yoshimi, to Nissan Motor Company, Limited. Weft sensor for a loom. 4,546,263, 10-8-85, Cl. 250-561.000.
- Gotoh, Noboru: *See—*
  - Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, 4,540,773, Cl. 528-480.000.
- Gotoh, Osamu: *See—*
  - Hasegawa, Shumpei; Gotoh, Osamu; and Otobe, Yutaka, 4,526,153, Cl. 123-480.000.
- Gotoh, Takayuki: *See—*
  - Nanba, Yasuhiro; Gotoh, Takayuki; Yamakawa, Eiji; and Karasaki, Toshihiko, 4,496,834, Cl. 250-211.00R.

- Gotoh, Tatumi: *See—*
  - Satoh, Saburoh; Gotoh, Tatumi; Horii, Kenji; and Akiyama, Hidenori, 4,507,266, Cl. 422-186.150.
- Gotoh, Tetsuro: *See—*
  - Yamanaka, Koichi; Gotoh, Tetsuro; Aoki, Masanori; Kataoka, Isao; and Nishiwaki, Shunro, 4,517,091, Cl. 210-512.100.
- Gotoh, Tomohiro: *See—*
  - Suzuki, Kaichiro; Nakaya, Keiichi; Gotoh, Tomohiro; Kitasako, Masayuki; and Iwasaki, Masaharu, 4,491,571, Cl. 423-485.000.
- Gotoh, Yasuhiro: *See—*
  - Nakase, Hiromi; Gotoh, Yasuhiro; and Ozawa, Kuniichi, 4,525,657, Cl. 318-254.000.
- Gotoh, Yoshihisa: *See—*
  - Kawai, Yoichi; Gotoh, Yoshihisa; Yokote, Sachio; Maki, Masami; and Sekiguchi, Katsumi, 4,510,079, Cl. 252-511.000.
- Gotoh, Yoshitomo; and Iwamoto, Kiyofumi, to Hitachi, Ltd. Composite circuit breaker. 4,538,039, 8-27-85, Cl. 200-144.00B.
- Gotou, Hitoshi: *See—*
  - Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, 4,499,390, Cl. 310-88.000.
  - Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, 4,504,752, Cl. 310-68.00R.
  - Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, 4,543,504, Cl. 310-68.00D.
- Gotou, Makoto, to Matsushita Electric Industrial Co., Ltd. Brushless DC motor. 4,491,770, 1-1-85, Cl. 318-254.000.
- Gotou, Makoto, to Matsushita Electric Industrial Co., Ltd. Winding voltage balancing circuit for brushless DC motor. 4,494,053, 1-15-85, Cl. 318-254.000.
- Gotou, Makoto; and Okamoto, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Current control circuit for a plurality of loads. 4,500,830, 2-19-85, Cl. 323-267.000.
- Gotou, Makoto, to Matsushita Electric Industrial Co., Ltd. Drive system for a DC motor with reduced power loss. 4,527,102, 7-2-85, Cl. 318-254.000.
- Gotou, Mineo; Yoshikawa, Ryoichi; Tojo, Toru; and Wada, Hirotsugu, to Tokyo Shibaura Denki Kabushiki Kaisha. Target body position measuring method for charged particle beam fine pattern exposure system. 4,558,225, 12-10-85, Cl. 250-491.100.
- Gotou, Takeo: *See—*
  - Hamano, Isao; Yabunaka, Kiyoshi; Akae, Yoshifumi; Tanaka, Toshinori; Gotou, Takeo; and Matsumoto, Kouichi, 4,543,923, Cl. 123-179.00F.
  - Morishita, Akira; Tanaka, Toshinori; Matsumoto, Kouichi; and Gotou, Takeo, 4,495,905, Cl. 123-179.00F.
- Gott Corporation: *See—*
  - Branscum, Tony E., 4,523,699, Cl. 222-189.000.
- Gotte, Elmar; and Schulte, Heinrich, to Klockner-Becorit GmbH. Rail assembly for underground coal-getting machines. 4,524,859, 6-25-85, Cl. 198-735.000.
- Gotterba, James: *See—*
  - Krill, Wayne V.; Wong, Thomas; and Gotterba, James, 4,543,940, Cl. 126-92.0AC.
- Gottesman, Martin, to General Foods Corporation. Simultaneous coffee hydrolysis and oil extraction. 4,544,567, 10-1-85, Cl. 426-594.000.
- Gottesman, Martin, to General Foods Corporation. Decaffeination of green coffee with n-butyl acetate. 4,562,083, 12-31-85, Cl. 426-424.000.
- Gottfried Bischoff Bau Kompl. Gasreinigungs- und Wasserruckkuhlanlagen GmbH & Co.: *See—*
  - Weissert, Helmut; and Hegemann, Karl-Rudolf, 4,503,020, Cl. 423-242.000.
- Gottfried Bischoff Bau Kompl. Gasreinigungs- und Wasserruckkuhlanlagen GmbH & Co. Kommanditgesellschaft: *See—*
  - Leimkuhler, Jurgen, 4,533,522, Cl. 422-170.000.
  - Stehning, Werner, 4,515,754, Cl. 422-168.000.
  - Stehning, Werner, 4,526,764, Cl. 423-242.000.
  - Stehning, Werner; and Nusser, Horst D., 4,539,024, Cl. 55-223.000.
  - Stehning, Werner, 4,539,184, Cl. 422-170.000.
- Gottfried, Mario H. Flywheel device for a moving vehicle. 4,498,015, 2-5-85, Cl. 290-15.000.
- Gottfried, Noah L.: *See—*
  - Ehrenbard, Christine H.; and Gottfried, Noah L., 4,494,242, Cl. 375-118.000.
- Gottfried, Siegfried: *See—*
  - Baxendale, Lily; and Gottfried, Siegfried, 4,548,950, Cl. 514-510.000.
- Gotthard, George, to American Cyanamid Company. Treatment of substantially metallic ion free acrylamide and related compounds. 4,551,266, 11-5-85, Cl. 252-400.00R.
- Gottlieb, Mark P. Breathing apparatus for supplying fluid to a user on demand. 4,494,537, 1-22-85, Cl. 128-204.260.
- Gottlieb, Michael M.; and Fishman, David S., to Rogers Corporation. Decoupling capacitor and method of manufacture thereof. 4,491,895, 1-1-85, Cl. 361-306.000.
- Gottlieb, Michael M.; Fishman, David S.; and Buysse, Henri, to Rogers Corporation. Decoupling capacitor and method of manufacture thereof. 4,497,012, 1-29-85, Cl. 361-306.000.
- Gottlieb, Michael M., to Rogers Corporation. Multilayer decoupling capacitor and method of manufacture thereof. 4,511,951, 4-16-85, Cl. 361-433.000.
- Gottlieb, Milton; and Steinbruegge, Kenneth B., to Westinghouse Electric Corp. Method and apparatus for strain relieving transducers bonded to acousto-optic devices. 4,555,160, 11-26-85, Cl. 350-358.000.
- Gottlieb, Milton: *See—*
  - Schaff, Fredrick L.; and Gottlieb, Milton, 4,500,175, Cl. 350-358.000.
- Gottlieb, Robert, to Gang-Nail Systems, Inc. Truss structures constructed with metal web members. 4,541,218, 9-17-85, Cl. 52-694.000.
- Gottlieb, Robert G. Non-fogging bathroom mirror. 4,556,298, 12-3-85, Cl. 350-588.000.
- Gottlieb, Robert K.; and Piotroski, Peter N., to Pitney Bowes Inc. Scanner interface circuit for universal multi-station document inserter. 4,525,788, 6-25-85, Cl. 364-478.000.
- Gottlieb, Robert K., to Pitney Bowes Inc. Accessory interface circuit for universal multi-station document inserter. 4,547,846, 10-15-85, Cl. 364-138.000.
- Gottlieb Weinmann Gerate fur Medizin und Arbeitsschutz G.m.b.H. & Co.: *See—*
  - Blumensaadt, Hans C., 4,537,191, Cl. 128-205.130.
- Gottlieb, Willi. Camouflage material for use as protection against radar observation. 4,528,229, 7-9-85, Cl. 428-85.000.
- Gottling, Helmut; and Brausfeld, Walter, to WABCO Steuerungstechnik GmbH. Apparatus to vary the force exerted on an actuator mechanism. 4,531,548, 7-30-85, Cl. 137-627.500.
- Gottling, Helmut: *See—*
  - Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.
- Gotto, Raymond J. Hygiene implement. 4,542,828, 9-24-85, Cl. 206-581.000.
- Gottrup, Finn: *See—*
  - Hunt, Thomas K.; Goodson, William H., III; Chang, Ning; Knighton, David R.; Gottrup, Finn; and Firmin, Richard, 4,512,349, Cl. 128-632.000.
- Gottschalk, Ingo: *See—*
  - Brockmann, Sigismund; and Gottschalk, Ingo, 4,527,029, Cl. 200-148.00B.
- Gottschalk, Karl-Heinz, to Babcock Textilmaschinen GmbH. Fiber removing sieve for textile dryers. 4,551,928, 11-12-85, Cl. 34-82.000.
- Gottschalk, Robert E., to Panavision, Incorporated. Electronic cinema camera. 4,510,529, 4-9-85, Cl. 358-224.000.
- Gottschalk, William: *See—*
  - Djordjevich, Ljubomir; Ivankovich, Anthony D.; and Gottschalk, William, 4,532,130, Cl. 424-101.000.
- Gottschall, George T. Lightweight reflective belt. 4,501,028, 2-26-85, Cl. 2-338.000.
- Gottsche, Marcus J.: *See—*
  - Brady, C. Eugene; Gottsche, Marcus J.; and Stoll, Paul W., 4,493,617, Cl. 417-214.000.
- Gottschlich, Rudolf: *See—*
  - Hausberg, Hans-Heinrich; Bottcher, Henning; Gottschlich, Rudolf; Seyfried, Christoph; and Minck, Klaus-Otto, 4,547,576, Cl. 546-197.000.
- Gottschling, John: *See—*
  - Sweatman, Ronald E.; Freeman, Earl R.; Gottschling, John; and Simon, John, 4,512,405, Cl. 166-278.000.
- Gottwaldt, Paul R., to FMC Corporation. Fixed elevation automatic loading system for fixed ammunition. 4,495,853, 1-29-85, Cl. 89-46.000.
- Gottzein, Eveline; Keeve, Rolf; and Surauer, Michael, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Method and circuit arrangement for optimally controlling an air gap between an electromagnetically levitated vehicle and a rail. 4,505,206, 3-19-85, Cl. 104-284.000.
- Gotz, Gertrud: *See—*
  - Bikson, Benjamin; Coplan, Myron J.; and Gotz, Gertrud, 4,508,852, Cl. 521-27.000.
- Gotz, Hans: *See—*
  - Gallitzendorfer, Josef; Gotz, Hans; Pfeiffer, Peter; and Tomforde, Johann, 4,541,664, Cl. 296-213.000.
- Gotz, Laslo, to Texas Instruments Deutschland GmbH. Method for tuning the input stage of a receiver to a desired receiving frequency and circuit arrangement for carrying out the method. 4,511,923, 4-16-85, Cl. 358-191.100.
- Gotz, Laszlo; and Kowatsch, Hermann, to Texas Instruments Deutschland GmbH. High frequency amplifier. 4,531,097, 7-23-85, Cl. 330-254.000.
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- Gotz, Udo: *See—*
  - Hoffmann, Dietrich; and Gotz, Udo, 4,549,488, Cl. 102-503.000.
  - Hoffmann, Dietrich; and Gotz, Udo, 4,558,646, Cl. 102-527.000.
- Gotze, Thomas: *See—*
  - Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, 4,535,031, Cl. 428-481.000.
- Gotzke, Wolfgang: *See—*
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,554,715, Cl. 28-107.000.
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- Rizer, Janine M.; and Gotzmer, Carl, 4,504,320, Cl. 106-98.000.

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- Johnson, Nancy C.; and Gotzmer, Carl, Jr., 4,521,260, Cl. 149-19.910.

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Goucher, Kathleen S.: *See—*
- Goucher, Ralph F.; and Goucher, Kathleen S., 4,505,364, Cl. 192-0.02R.

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- Bryans, Lawrence G.; Goudey, Kenneth R.; and Nickerson, William F., 4,521,783, Cl. 343-781.00R.

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- Harrison, Anthony W.; and Goudie, Robert J., 4,497,505, Cl. 280-698.000.

Goudy, Richard A. Wheel with tire bead locking ring. 4,505,314, 3-19-85, Cl. 152-398.000.

Goudy, Ruth, administrator: *See—*
- Goudy, William E., deceased, 4,513,869, Cl. 212-175.000.

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Gough, Peter R. Cleaning elongate strip by die impaction. 4,551,180, 11-5-85, Cl. 134-9.000.

Gough, Robert P. Scouring of elongate material and apparatus therefor. 4,517,024, 5-14-85, Cl. 134-15.000.

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- Sinha, Bikash K.; and Gouilloud, Michel, 4,512,198, Cl. 73-703.000.
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Goulart, Joseph S.: *See—*
- Orlando, Franklin P.; Goulart, Joseph S.; and Chandra, Rangasami S., 4,561,299, Cl. 73-151.000.

Gould, Arnold S.; Sawicki, Gary; and Ciannella, Michael A., to Medi-Tech Incorporated. Introducing catheter. 4,552,554, 11-12-85, Cl. 604-51.000.

Gould, Ashley M.: *See—*
- Wyatt, Michael; Leach, Gary M.; and Gould, Ashley M., 4,500,650, Cl. 502-204.000.

Gould, Bruce M., to Challenge-Cook Brothers, Inc. Food processor. 4,517,888, 5-21-85, Cl. 99-472.000.

Gould, Charles M.; and Blake, Andy F., to Shasta Industries, Inc. Distribution valve. 4,523,606, 6-18-85, Cl. 137-119.000.

Gould, Clive M.: *See—*
- Callaghan, Ian C.; Fink, Hans-Ferdi; Gould, Clive M.; Koerner, Gotz; Patzke, Hans-Jurgen; and Weitemeyer, Christian, 4,557,737, Cl. 55-87.000.

Gould Computer Systems Inc.: *See—*
- Brown, William H.; Starkweather, James A.; and Humphreys, Hugh M., 4,523,310, Cl. 370-112.000.

Gould, Dennis R.; and Zuk, Robert F., to Syntex (U.S.A.) Inc. Determination of analytes in particle-containing medium. 4,552,839, 11-12-85, Cl. 435-7.000.

Gould, Edward, Jr. Level. 4,503,623, 3-12-85, Cl. 33-379.000.

Gould, Eugene J. Condensation elimination tank. 4,509,338, 4-9-85, Cl. 62-288.000.

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Gould, Gerald, to Perkin-Elmer Corporation, The. Method and means for making a beryllium mirror. 4,492,669, 1-8-85, Cl. 419-5.000.

Gould, Gordon; Soodak, Charles I.; and Thompson, Robert E., to Chevron Research Company. Hermetically sealed optical fiber. 4,504,112, 3-12-85, Cl. 350-96.230.

Gould, Gordon, to Optelcom, Inc. Optical communication system for drill hole logging. 4,547,774, 10-15-85, Cl. 340-854.000.

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- Thompson, Robert E.; Gould, Gordon; and Soodak, Charles I., 4,522,464, Cl. 350-96.230.

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- Abrams, Bernard W.; and Karbo, Donald J., 4,546,960, Cl. 267-136.000.
- Allard, Emmanuel M., 4,521,790, Cl. 346-154.000.
- Baker, Richard H., 4,536,699, Cl. 323-276.000.
- Busta, Heinz H.; Tsao, Kuey-Yeou; White, Wayne D.; and Loeppert, Peter V., 4,508,613, Cl. 204-418.000.
- Feldman, Karl T., Jr., 4,508,934, Cl. 174-101.500.
- Gordon, Arnold Z., 4,548,878, Cl. 429-50.000.
- Harris, Robert W., 4,509,037, Cl. 340-347.0AD.
- Harris, Robert W., 4,553,247, Cl. 375-4.000.
- Kryskow, J. Michael, Jr.; Bobzin, Jeffery J.; and Allen, Bruce S., 4,491,946, Cl. 370-89.000.
- Kryskow, J. Michael, Jr.; and Tanzman, Allan, 4,506,360, Cl. 370-85.000.
- Lund, Jeffrey S., 4,493,880, Cl. 429-97.000.
- Miltonberger, Thomas W., 4,499,610, Cl. 455-619.000.
- Minten, Karl; and Krug, William, 4,544,707, Cl. 525-330.400.
- Morley, Richard E., 4,506,362, Cl. 371-13.000.
- Oprysko, Modest M.; and Beranek, Mark W., 4,543,270, Cl. 427-53.100.
- Prager, Jay M.; and Gonzales, Roman Y., 4,558,914, Cl. 339-75.00R.
- Prestel, David J., 4,538,140, Cl. 340-556.000.
- Schaberg, Richard R.; and Cole, James E., 4,545,389, Cl. 128-748.000.
- Shuster, Nicholas, 4,555,454, Cl. 429-51.000.
- Stowe, David W., 4,514,054, Cl. 350-96.150.
- Stowe, David W., 4,533,208, Cl. 350-96.160.
- Tanielian, Minas; Blackstone, Scott; and Lajos, Robert, 4,526,665, Cl. 204-192.00C.
- Tekippe, Vincent J., 4,495,819, Cl. 73-705.000.
- Tsao, Kuey-Yeou, 4,540,607, Cl. 427-253.000.

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Gould, Max R.; Bone, David P.; and Hsieh, Fu H., to Quaker Oats Company, The. Cereal foods made from oats and method of making. 4,497,840, 2-5-85, Cl. 426-560.000.

Gould, Robert J.: *See—*
- Snyder, Solomon H.; and Gould, Robert J., 4,520,112, Cl. 436-504.000.

Gould, Ronald M.; and Yurchak, Sergei, to Mobil Oil Corporation. Method for gasoline yield enhancement in the fixed bed methanol-to-gasoline process. 4,523,046, 6-11-85, Cl. 585-322.000.

Gould, Ronald M.; and Tabak, Samuel A., to Mobil Oil Corporation. Multistage process for converting oxygenates to liquid hydrocarbons with ethene recycle. 4,543,435, 9-24-85, Cl. 585-330.000.

Gould, Ronald M.: *See—*
- Avidan, Amos A.; Gould, Ronald M.; and Kane, Steven E., 4,547,616, Cl. 585-640.000.

Gould, Russell J., to Diamond Guard, Inc. Baseball protection device. 4,541,127, 9-17-85, Cl. 2-19.000.

Gould, Russell J.: *See—*
- Van Erden, Donald L.; Gould, Russell J.; and Matsunaga, Yukio A., 4,495,124, Cl. 264-130.000.

Goulet, Roger T.: *See—*
- Gualtieri, Peter J.; and Goulet, Roger T., 4,548,068, Cl. 73-40.700.

Goulstone, Ray T.; Gursky, Michael T.; and O'Boyle, John M., to AT&T Technologies, Inc. Guiding an advancing strip. 4,558,581, 12-17-85, Cl. 72-379.000.

Goulter, Victor H. Adjustable support for cooking pots and the like. 4,513,936, 4-30-85, Cl. 248-122.000.

Goulter, Victor H., to Pressman, David, a part interest. Trash container attachments for supporting plastic bags. 4,535,911, 8-20-85, Cl. 220-404.000.

Gounji, Takashi; Kawatsu, Teruo; Kasai, Yoshihiko; and Takeuchi, Chikao, to Fujitsu Limited. Mechanical filter. 4,555,682, 11-26-85, Cl. 333-189.000.

Goupillon, Jean-Francois: *See—*
- Lucas, Jean; Goupillon, Jean-Francois; and Drouin, Bernard, 4,503,767, Cl. 100-214.000.

Gourbault, Maurice J., to Laboratoires Fournier S.A. Process for the preparation of α-aspartyl phenylalanine methyl ester. 4,507,231, 3-26-85, Cl. 260-112.50R.

Gourdine, Meredith C., to Energy Innovations, Inc. Electrogasdynamic coating system. 4,498,631, 2-12-85, Cl. 239-692.000.

Gourdine, Meredith C., to Energy Innovations, Inc. Method and apparatus for improved cooling of hot materials. 4,555,909, 12-3-85, Cl. 62-64.000.

Gourley, Robert N., to Eastman Kodak Company. Disperse and acid azo dyes having one or two cinnamoyl substituents on a phenyl diazonium moiety and containing an aniline, tetrahydroquinoline or benzomorpholine coupler. 4,552,951, 11-12-85, Cl. 534-770.000.

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Gourley, Robert N., to Eastman Kodak Company. 2-amino-cinnamoylthiophene acid azo dye compounds having an aniline, tetrahydroquinoline, or benzomorpholine coupler. 4,554,348, 11-19-85, Cl. 534-768.000.

Gourlia, Jean-Paul; Jacob, Philippe; and Jamen, Robert, to Elf France. Vapor recompression reboiling process. 4,525,244, 6-25-85, Cl. 203-26.000.

Gourmel, Yves: *See—*
- Bellocci, Rio; Gourmel, Yves; and Pierrel, Michel, 4,506,723, Cl. 164-421.000.

Gournay, Luke S.: *See—*
- Lyle, W. D., Jr.; and Gournay, Luke S., 4,517,836, Cl. 73-152.000.

Goursat, Albert-Gilbert; Vernet, Gilles; Rimbert, Jean-Francis; Foulard, Jean; Darle, Thierry; and Bigot, Jean, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Process of producing metal powders from a molten metal material. 4,521,244, 6-4-85, Cl. 75-0.50B.

Goursat, Albert-Gilbert: *See—*
- Foulard, Jean; Rimbert, Jean-Francis; Vernet, Gilles; and Goursat, Albert-Gilbert, 4,518,421, Cl. 75-49.000.

- Goussin, Roger: *See—*
  - Burkel, Rainer; Bayle, Rene; Denamps, Jean; and Goussin, Roger, 4,504,770, Cl. 318-560.000.
- Goussinsky, Doron. Propulsion means for hoisting systems. 4,561,551, 12-31-85, Cl. 212-131.000.
- Goutille, Maurice, to SCC Six-In-One Containers Co., S.A. Container. 4,506,798, 3-26-85, Cl. 220-1.500.
- Gouttebessis, Jacques, to Compagnie Generale des Etablissements Michelin. Protective ply for tire crown of three-dimensional structure. 4,523,619, 6-18-85, Cl. 152-527.000.
- Gouvenot, Daniel, to Soletanche. Composition for making impermeable walls and other underground structures. 4,514,228, 4-30-85, Cl. 106-98.000.
- Gouw, T. H., to Chevron Research Company. Removal of hydrogen sulfide from elemental sulfur by a countercurrent wet steam process. 4,537,605, 8-27-85, Cl. 55-48.000.
- Gouya, Takao: *See—*
  - Konishi, Hideo; Matsuoka, Kazunori; and Gouya, Takao, 4,495,650, Cl. 455-144.000.
- Govaerts, Karel J.; and Dehouwer, Louis J., to U.S. Philips Corporation. High-pressure sodium vapor discharge lamp with bimetallic element. 4,498,030, 2-5-85, Cl. 315-60.000.
- Govan, Donald T. Propeller protecting devices. 4,507,091, 3-26-85, Cl. 440-73.000.
- Govan, Donald T. Line cutter for outboard and inboard/outboard motors. 4,544,363, 10-1-85, Cl. 440-73.000.
- Govan, Edward; and Irvine, Robert, to Pitney Bowes Inc. Document stacking and conveying apparatus. 4,541,764, 9-17-85, Cl. 414-52.000.
- Govang, James A.; Mee, William W.; and de Gruchy, Robert S., to Stanley Works, The. Merchandising display system and components therefor. 4,509,648, 4-9-85, Cl. 211-70.600.
- Governale, Bernard C., to Peachtree Doors, Inc. Door panel and method of making. 4,546,585, 10-15-85, Cl. 52-309.110.
- Govil, Alok K.: *See—*
  - Kabacoff, Bernard L.; and Govil, Alok K., 4,510,250, Cl. 436-63.000.
- Govoni, Gabriele; Corazzari, Canzio; Di Stefano, Giovanni; and Loconsolo, Mauro, to Montedison S.p.A. Fluid bed reactor. 4,518,750, 5-21-85, Cl. 526-68.000.
- Gow, Robert J., to Norton Company. Corner key for window spacer element. 4,513,546, 4-30-85, Cl. 52-172.000.
- Gowan, John W., Jr., to Westvaco Corporation. Process for foam lowering and improvement of alum sensitivity of dispersed size. 4,505,754, 3-19-85, Cl. 106-238.000.
- Gowan, John W., Jr.; and Force, Carlton G., to Westvaco Corporation. Method for copolymerization of styrene and acrylonitrile. 4,517,347, 5-14-85, Cl. 526-216.000.
- Gowan, John W., Jr.: *See—*
  - Alford, John A.; Force, Carlton G.; and Gowan, John W., Jr., 4,544,726, Cl. 526-309.000.
- Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., to Hughes Aircraft Company. Kitting parts carousel system. 4,549,664, 10-29-85, Cl. 211-131.000.
- Goward, G. William: *See—*
  - Shankar, Srinivasan; and Goward, G. William, 4,526,814, Cl. 427-253.000.
- Goward, Robert M.: *See—*
  - Fantone, Stephen D.; Goward, Robert M.; and Kaplan, Jonathan I., 4,526,444, Cl. 350-501.000.
- Gowda, Hanumaiah L.; and Raj, Kuldip, to Ferrofluidics Corporation. Ferrofluid linear seal apparatus. 4,502,700, 3-5-85, Cl. 277-80.000.
- Gowda, Hanumaiah L.; and Raj, Kuldip, to Ferrofluidics Corporation. High-pressure ferrofluid seal apparatus. 4,527,805, 7-9-85, Cl. 277-80.000.
- Gowda, Hanumaiah L.: *See—*
  - Raj, Kuldip; and Gowda, Hanumaiah L., 4,526,380, Cl. 277-80.000.
  - Raj, Kuldip; and Gowda, Hanumaiah L., 4,526,382, Cl. 277-80.000.
- Gowdy, Hugh W.: *See—*
  - Deering, Roland F.; Gowdy, Hugh W.; and Kelley, Arnold E., 4,530,752, Cl. 208-11.00R.
- Gower, David, to McDonnell Douglas Corporation. Portable weighing system for aircraft. 4,502,555, 3-5-85, Cl. 177-25.000.
- Gower, Irving W.; Cherry, Carl J.; and Yang, David S., to Combustion Engineering, Inc. Aluminum dross reclamation. 4,523,949, 6-18-85, Cl. 75-24.000.
- Goy, Nicholas M.: *See—*
  - Wainwright, Ronald C.; Goy, Nicholas M.; Anderson, John D.; Pettigrew, Robert M.; and Bradbrook, John D., 4,541,695, Cl. 350-429.000.
- Goy, Pierre, to Jean Lassale S.A. Water-resistant device between an outside control member and a watch case. 4,502,791, 3-5-85, Cl. 368-289.000.
- Goyda, Michael A.: *See—*
  - Altares, Romulo A.; Gibson, David S.; Goyda, Michael A.; Hegadorn, Joseph L.; and Kapoor, Virendra N., 4,548,045, Cl. 62-63.000.
- Goyer, Norman E., to Leslie Kovats. Two-position pivot support structure for a tiltable body exerciser. 4,546,972, 10-15-85, Cl. 272-145.000.
- Goyert, Wilhelm; Grimm, Wolfgang; Awater, Albert; Wagner, Hans; and Kruger, Bruno, to Bayer Aktiengesellschaft. Reinforced polyurethane thermoplastic chemical materials and processes for their preparation. 4,500,671, 2-19-85, Cl. 524-494.000.
- Goyert, Wilhelm; and Winkler, Jurgen, to Bayer Aktiengesellschaft. Thermoplastic polyurethanes having a high heat stability, based on naphthylene diisocyanate, their production and their use. 4,521,582, 6-4-85, Cl. 528-67.000.
- Gozal, David: *See—*
  - Elmaleh, Samuel; and Grasmick, Alain D., 4,515,697, Cl. 210-768.000.
- Gozlan, Armand. Gas-scrubbing and metal-refining process and system. 4,540,162, 9-10-85, Cl. 266-146.000.
- Gozzini, Luigia: *See—*
  - de Castiglione, Roberto; Gozzini, Luigia; Montecucchi, Pier C.; and Perseo, Giuseppe, 4,491,541, Cl. 260-112.50R.
- Gozzo, Franco: *See—*
  - Boschi, Pier M.; Gozzo, Franco; and Longoni, Angelo, 4,492,690, Cl. 424-200.000.
  - Cecere, Mirella; Gozzo, Franco; and Signorini, Ernesto, 4,504,303, Cl. 71-76.000.
  - Colle, Roberto; Gozzo, Franco; Preziuso, Ciro; Barrett, Antony G. M.; and Barton, Derek H. R., 4,529,437, Cl. 71-94.000.
  - Di Toro, Vincenzo; Gozzo, Franco; and Boschi, Pier M., 4,501,916, Cl. 560-180.000.
- Graaff, Kommanditgesellschaft: *See—*
  - Dorpmund, Willi; and Kreienbrink, Volker, 4,527,765, Cl. 248-346.000.
- Graas, Maurice: *See—*
  - Fontaine, Jean F. L.; and Graas, Maurice, 4,546,808, Cl. 152-209.00R.
- Graas, Rene; and Fackelstein, Michel, to Arbed S.A. Apparatus for the paired connection of sheet piles with claws. 4,492,022, 1-8-85, Cl. 29-787.000.
- Grab, Erwin: *See—*
  - Glatt, Werner; and Grab, Erwin, 4,543,906, Cl. 178-1.700
- Grab, George D.; and Dean, Sheldon W., to Air Products and Chemicals, Inc. Process for the removal of nitrogen oxides from nitric acid plant tail gas. 4,562,052, 12-31-85, Cl. 423-235.000.
- Grab, George P.; Hood, Grant W., Jr.; Swanson, Sigurd A.; and Nemeth, Bela J., to Kennametal Inc. Flowable composition adapted for sintering and method of making. 4,491,559, 1-1-85, Cl. 419-36.000.
- Grabarski, David L.; and Williams, Harvey A. Power driven bottle opener. 4,519,276, 5-28-85, Cl. 81-3.200.
- Grabbe, Dimitry: *See—*
  - Burns, Carmen; and Grabbe, Dimitry, 4,560,826, Cl. 174-52.0FP.
- Grabbe, Dimitry G.; and Korsunsky, Iosif, to AMP Incorporated. High density contact assembly. 4,511,197, 4-16-85, Cl. 339-17.0CF.
- Grabbe, Dimitry G.; and Korsunsky, Iosif, to AMP Incorporated. Surface mountable coefficient of expansion matching connector. 4,550,959, 11-5-85, Cl. 339-9.00E.
- Grabbe, Dimitry G.: *See—*
  - Bakermans, Johannes C. W.; and Grabbe, Dimitry G., 4,497,196, Cl. 72-405.000.
  - Bakermans, Johannes C. W.; Grabbe, Dimitry G.; and Korsunsky, Iosif, 4,513,353, Cl. 361-399.000.
- Graber, Helen E. Incontinent care pad method and apparatus. 4,551,144, 11-5-85, Cl. 604-378.000.
- Graber, John W., to Graber Products, Inc. Vehicle attached carrier. 4,513,897, 4-30-85, Cl. 224-314.000.
- Graber Products, Inc.: *See—*
  - Graber, John W., 4,513,897, Cl. 224-314.000.
- Grabher, Erich; Muller, Max; Wetzel, Horst; and Schultschik, Robert, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Pretensioning element for circulation track bearing member for linear bearings. 4,550,955, 11-5-85, Cl. 308-6.00C.
- Grabhoefer, Herbert; and Volkert, Otto, to BASF Aktiengesellschaft. Cellular, molded polyurethane parts, process for their preparation by thermoforming of polyester-urethane foam and their use. 4,508,774, 4-2-85, Cl. 428-220.000.
- Grable, Donovan B. Metal particle recovery at sub-surface locations. 4,497,519, 2-5-85, Cl. 299-8.000.
- Grable, Jack W. Electric circuit interrupter. 4,499,448, 2-12-85, Cl. 337-370.000.
- Grable, William A. Method for fabricating a reciprocating piston pump. 4,553,298, 11-19-85, Cl. 29-156.40R.
- Grabmaier, Josef; Falckenberg, Richard; and Foll, Helmut, to Siemens Aktiengesellschaft. Method and device for asymmetrically coating a tape-shaped carrier body with silicon for further processing into solar cells. 4,533,428, 8-6-85, Cl. 156-608.000.
- Grabmaier, Josef; and Falckenberg, Richard, to Siemens Aktiengesellschaft. Method for manufacturing large surface silicon crystal bodies for solar cells, and bodies so produced. 4,554,203, 11-19-85, Cl. 428-229.000.
- Grabmaier, Josef: *See—*
  - Douklias, Nikolaos; and Grabmaier, Josef, 4,537,611, Cl. 65-18.200.
  - Falckenberg, Richard; Foell, Helmut; and Grabmaier, Josef, 4,505,221, Cl. 118-101.000.
  - Foell, Helmut; Grabmaier, Josef; and Schneider, Juergen, 4,557,793, Cl. 156-608.000.
- Grabner, Christian: *See—*
  - Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.
  - Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, 4,511,214, Cl. 350-632.000.
- Grabner, Gunther: *See—*
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- Graboplast: *See—*
  - Schroer, Walter; and Wlasitsch, Gyula, 4,521,465, Cl. 428-35.000.

Grabos, Fred F., to Boeing Company, The. Tooling for and method of fabricating master models. 4,545,102, 10-8-85, Cl. 29-407.000.

Grabovac, Bosko; and Vuceta, Ivan N. Hydraulic wrench. 4,513,645, 4-30-85, Cl. 81-57.390.

Grabovac, Bosko, to Consolidated Devices, Inc. Adjustable fulcrum for torque wrenches. 4,532,836, 8-6-85, Cl. 81-483.000.

Grabovac, Bosko; and Vuceta, Ivan, to Consolidated Devices, Inc. Torque multiplying torque wrench. 4,549,438, 10-29-85, Cl. 73-862.210.

Grabowski geb. Marszalek, Danuta; Ross, Ludwig; Geiler, Volkmar; and Mennemann, Karl, to Schott Glaswerke. Optical light weight glass with a refractive index of >1.70, an Abbe index of >22 and a density of <3.5 G/CM^3. 4,526,874, 7-2-85, Cl. 501-77.000.

Grabowski, Paul P., to Kraft, Inc. Knock-down plastic cheese curing container. 4,492,153, 1-8-85, Cl. 99-460.000.

Grabowski, Richard M., to Gateway Industries, Inc. Seat belt with plastic cover. 4,535,514, 8-20-85, Cl. 24-633.000.

Graboyes, Herman A., to Atlas Steel Rule Die, Inc. Embosser mounting insert registering means. 4,537,124, 8-27-85, Cl. 101-28.000.

Grace, Jerry E.: *See—*
Grace, Virgil; and Grace, Jerry E., 4,513,526, Cl. 43-57.200.

Grace, Oscar M.; Wujcik, Steven E.; and Heyman, Duane A., to BASF Wyandotte Corporation. Graft polymer dispersion in a mixture of low molecular weight polyols and polyether polyols and polyurethane foams prepared therefrom. 4,522,976, 6-11-85, Cl. 524-722.000.

Grace Petroleum Corporation: *See—*
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Grace, Robert E.: *See—*
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Grace, Virgil; and Grace, Jerry E. Fishing tackle organizer. 4,513,526, 4-30-85, Cl. 43-57.200.

Grace, Wallace C., to Ex-Cell-O Corporation. Broach manufacturing method. 4,498,361, 2-12-85, Cl. 76-101.00R.

Grace, William G. Apparatus for straightening vehicle structural part. 4,555,927, 12-3-85, Cl. 72-447.000.

Grace, William R., to Norris Industries Inc. Cooktop ventilation system. 4,501,260, 2-26-85, Cl. 126-299.00R.

Grachtrup, Heinz, to Krupp Polysius AG. Rotary kiln with cooler. 4,554,876, 11-26-85, Cl. 110-246.000.

Gracia, Robert F.: *See—*
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Graco Inc.: *See—*
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Kelly, Lawrence S.; McCormick, Marty P.; and Weikel, William A., 4,548,652, Cl. 134-22.120.
Kwok, Kui C., 4,501,394, Cl. 239-296.000.
Lehrke, Kenneth E., 4,501,952, Cl. 219-305.000.
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Graco Robotics, Inc.: *See—*
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Gradall Company, The: *See—*
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Gradco Systems, Inc.: *See—*
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Wehner, Wolfgang; and Grade, Reinhardt, 4,554,367, Cl. 556-20.000.

Gradeff, Peter S.; and Schreiber, Fred G., to Rhone-Poulenc, Inc. Tricyclopentadienyl cerium and process for preparing the same. 4,492,655, 1-8-85, Cl. 260-429.200.

Gradeff, Peter S.; Charte, Vincent J.; Schreiber, Fred G.; and Davison, John F., to Rhone-Poulenc, Inc. Process for preparing colloidal ceric oxide and complexes thereof with free organic acids. 4,545,923, 10-8-85, Cl. 252-309.000.

Gradel, Gerhard: *See—*
Dorr, Wolfgang; Gradel, Gerhard; Peehs, Martin; Schafer, Reinhard; and Sondermann, Thomas, 4,512,939, Cl. 264-0.500.

Gradeler, Eric: *See—*
Meunier, Bernard; and Gradeler, Eric, 4,504,702, Cl. 179-99.00A.

Gradl, David A., to Q-Dot, Inc. Passive transient recording systems. 4,521,752, 6-4-85, Cl. 333-165.000.

Gradl, Reinhard; and Schimmel, Gunther, to Hoechst Aktiengesellschaft. Process for reducing the fluorine content in wet-processed phosphoric acid. 4,540,557, 9-10-85, Cl. 423-321.00R.

Gradl, Reinhard; Stephan, Hans-Werner; Heymer, Gero; and Schimmel, Gunther, to Hoechst Aktiengesellschaft. Process for removing organic contaminants from wet-processed phosphoric acid. 4,540,558, 9-10-85, Cl. 423-321.00R.

Gradl, Reinhard; and Roszinski, Hilmar, to Hoechst Aktiengesellschaft. Process for purifying wet-processed phosphoric acid. 4,556,548, 12-3-85, Cl. 423-321.00S.

Gradl, Reinhard: *See—*
Schimmel, Gunther; Krause, Werner; and Gradl, Reinhard, 4,503,016, Cl. 423-24.000.
Schimmel, Gunther; Gradl, Reinhard; and Heymer, Gero, 4,539,192, Cl. 423-321.00R.

Gradle, Richard J.: *See—*
Clapper, Robert L.; Gradle, Richard J.; and Bake, Earl A., 4,522,230, Cl. 137-496.000.

Grady, Clyde C.; and Grady, Clyde C., II, to Christianson Manufacturing Corporation. Double action umbrella. 4,523,601, 6-18-85, Cl. 135-22.000.

Grady, Clyde C., II: *See—*
Grady, Clyde C.; and Grady, Clyde C., II, 4,523,601, Cl. 135-22.000.

Grady, James H. Stud and screw rivet fastener. 4,560,312, 12-24-85, Cl. 411-55.000.

Grady, John K.; and Rice, Richard E., to Grady, John K. Multiple X-ray image scanners. 4,504,859, 3-12-85, Cl. 358-111.000.

Grady, John K.; and Rice, Richard E., to Grady, John K. Masked scanning X-ray apparatus. 4,534,051, 8-6-85, Cl. 378-099.000.

Grady, John K.; and Rice, Paul G., to Grady, John K. X-ray apparatus with tilting table. 4,541,108, 9-10-85, Cl. 378-196.000.

Grady, John K.; and Rice, Richard E., to Grady, John K. X-ray image converter system. 4,549,209, 10-22-85, Cl. 358-111.000.

Grady, John K.: *See—*
Rossi, Remo J., 4,541,107, Cl. 378-146.000.

Grady, Marilyn. Commode. 4,510,631, 4-16-85, Cl. 4-478.000.

Graebe, Robert H. Multicell cushion. 4,541,136, 9-17-85, Cl. 5-456.000.

Graef, Harry T.; and Newton, Kevin H., to Diebold, Incorporated. Paper currency dispenser friction picker mechanism. 4,494,747, 1-22-85, Cl. 271-263.000.

Graef, Harry T.; Hill, Jeffrey A.; Mercer, Scott A.; Newton, Kevin H.; Sedlock, Gerald T.; and Wise, Mark J., to Diebold, Incorporated. Multi-picker mechanism for automatic banking machines. 4,544,149, 10-1-85, Cl. 271-107.000.

Graef, Steffen. Means for checking and/or measuring the actual amount of sprayed plant protective substances. 4,491,023, 1-1-85, Cl. 73-861.000.

Graefe, Ralph G., to Keene Engineering, Inc. Jig pan concentrator. 4,523,989, 6-18-85, Cl. 209-44.000.

Graefer, Albrecht: *See—*
Baetz, Wolfgang; Graefer, Albrecht; and Low, Edgar, 4,545,421, Cl. 164-397.000.

Graeme, Jerald G.: *See—*
Millaway, Steven D.; and Graeme, Jerald G., 4,550,291, Cl. 330-277.000.

Graeml, Edith, administrator: *See—*
Groess, Helmut; and Graeml, Horst, deceased, 4,505,639, Cl. 416-97.00R.

Graeml, Horst, deceased: *See—*
Groess, Helmut; and Graeml, Horst, deceased, 4,505,639, Cl. 416-97.00R.

Graessley, William W.: *See—*
Agarwal, Pawan K.; Lundberg, Robert D.; Graessley, William W.; and Ver Strate, Gay, 4,536,310, Cl. 252-33.000.

Graetz, Herbert; and Unterreiner, Ronald C., to Blair Industries, Inc. Method of making cassette holders. 4,555,290, 11-26-85, Cl. 156-245.000.

Graetz, Reinhard; and Korneli, Julius W., deceased (by Korneli, Christa F., Michaela S. Korneli, Matthias W. Korneli, Sebastian Korneli, heirs), to Hoechst Aktiengesellschaft. Wire rope having a durable marker. 4,498,282, 2-12-85, Cl. 57-218.000.

Graf & Cie AG: *See—*
Bisquolm, Werner; Burki, Jorg; and Teuscher, Othmar, 4,513,480, Cl. 19-113.000.
Bisquolm, Werner, 4,528,724, Cl. 19-113.000.

Graf, Felix: *See—*
Baertschi, Peter; Wetter, Kurt; and Graf, Felix, 4,535,515, Cl. 28-245.000.
von Burg, Paul; Wirz, Armin; and Graf, Felix, 4,519,778, Cl. 432-35.000.

Graf, Fritz: *See—*
Wickenhaeuser, Gerhard; Heida, Bernd; Graf, Fritz; and Hupfer, Leopold, 4,521,632, Cl. 568-492.000.

Graf, Harlan G.; and Janssen, Harry R., to Conoco Inc. Process for improving product yields from delayed coking. 4,518,487, 5-21-85, Cl. 208-131.000.

Graf, Harlan G.; Janssen, Harry R.; Edwards, Don L.; and Duren, Don D., to Conoco Inc. High temperature slide valve. 4,541,453, 9-17-85, Cl. 137-315.000.

Graf, Harlan G.; Janssen, Harry R.; and Kurdy, George A., to Conoco Inc. Flash zone draw tray for coker fractionator. 4,549,934, 10-29-85, Cl. 196-98.000.

Graf, Knut: *See—*
Doebler, Klaus P.; Graf, Knut; Jager, Kurt E.; Johannsen, Friedrich; Ritz, Jurgen; and Saatweber, Dietrich, 4,543,375, Cl. 523-348.000.

Graf, Kunibert: *See—*
Pfalzgraf, Manfred; and Graf, Kunibert, 4,505,357, Cl. 180-335.000.

Graf, Lothar, to Ing. Erich Pfeiffer GmbH & Co. KG, Firma. Metering pump, as well as process and apparatus for filling a container equipped with a metering pump. 4,532,967, 8-6-85, Cl. 141-3.000.

Graf, Martin, to Grob & Co. Aktiengesellschaft. Heald frame. 4,552,185, 11-12-85, Cl. 139-91.000.

Graf, Matthew C.; Muhlfeld, Hans P., Jr.; and Valentine, Edward H., to International Business Machines Corporation. Programmable chip tester having plural pin unit buffers which each store sufficient test data for independent operations by each pin unit. 4,517,661, 5-14-85, Cl. 364-900.000.

Graf, Matthew C.: *See—*

DasGupta, Sumit; Graf, Matthew C.; Rasmussen, Robert A.; and Williams, Thomas W., 4,503,386, Cl. 324-73.00R.

DasGupta, Sumit; Graf, Matthew C.; Rasmussen, Robert A.; and Williams, Thomas W., 4,509,008, Cl. 324-73.00R.

Graf, Michael, to Mannesmann Aktiengesellschaft. Process for making fine-grain weldable steel sheet for large-diameter pipes. 4,494,999, 1-22-85, Cl. 148-2.000.

Graf, Peter E.; and Goodrich, Judson E., to Chevron Research Company. Open-graded asphalt emulsion mixes. 4,523,957, 6-18-85, Cl. 106-277.000.

Graf, Raymond J., to Cincinnati Incorporated. Press brake having spring back compensation stroke reversal control. 4,511,976, 4-16-85, Cl. 364-474.000.

Graf, Walter A., Jr., to Electric Power Research Institute, Inc. Method and apparatus for minimizing diversion of radioactive samples from a nuclear fuel sampling system. 4,493,792, 1-15-85, Cl. 252-627.000.

Grafelmann, Hans L. Dental instrument for cutting slots for receiving implants into the jaw. 4,511,334, 4-16-85, Cl. 433-165.000.

Grafelmann, Hans L. Bone implant. 4,538,304, 9-3-85, Cl. 623-16.000.

Grafen, Paul: *See—*

Schumacher, Horst; and Grafen, Paul, 4,519,961, Cl. 264-4.600.

Graff, Eugene A., to North American Philips Lighting Corporation. Fluorescent lamp having integral light-filtering means and starting aid. 4,500,810, 2-19-85, Cl. 313-486.000.

Graff, Henry W., to Cal Custom Accessories, Inc. Forward shining vehicle lamp. 4,495,552, 1-22-85, Cl. 362-297.000.

Graff, Roderich W. Method and apparatus for drying moist exhaust air from one or more bulk material drying hoppers. 4,509,272, 4-9-85, Cl. 34-27.000.

Graff, Roderich W. Method and an apparatus for extracting gases and vapors from a drying hopper filled with bulk material. 4,521,977, 6-11-85, Cl. 34-32.000.

Grafon AG: *See—*

Schrader, Rolf, 4,497,101, Cl. 29-76.00R.

Grafton Limited: *See—*

Bury, John E., 4,534,667, Cl. 400-207.000.

Grafwallner, Karl L.: *See—*

Herold, Wolf-Dietrich; Grafwallner, Karl L.; and Keller, Michael, 4,538,070, Cl. 250-504.00R.

Gragnolati, Claude: *See—*

Maerfeld, Charles; Josserand, Michel; and Gragnolati, Claude, 4,547,870, Cl. 367-155.000.

Gragson, James T.: *See—*

Schuettenberg, Alexander D.; and Gragson, James T., 4,515,740, Cl. 264-50.000.

Grah, Klaus, to Beiersdorf Aktiengesellschaft. Method of electroplating printed circuits. 4,512,854, 4-23-85, Cl. 204-15.000.

Graham, Andrew C., to Mostek Corporation. Functional command for semiconductor memory. 4,507,761, 3-26-85, Cl. 365-230.000.

Graham, Anne M.: *See—*

Attig, Thomas G.; Graham, Anne M.; and Pesa, Frederick, 4,560,672, Cl. 502-183.000.

Pesa, Frederick A.; and Graham, Anne M., 4,496,666, Cl. 518-706.000.

Pesa, Frederick A.; and Graham, Anne M., 4,510,320, Cl. 560-265.000.

Pesa, Frederick A.; and Graham, Anne M., 4,531,442, Cl. 502-178.000.

Graham, Blanche D.: *See—*

Tunac, Josefino B.; Dobson, William E.; and Graham, Blanche D., 4,495,286, Cl. 435-253.000.

Graham, Charles R.: *See—*

Wrobleski, James T.; Edwards, James W.; Graham, Charles R.; Keppel, Robert A.; and Raffelson, Harold, 4,560,674, Cl. 502-209.000.

Wrobleski, James T.; Edwards, James W.; Graham, Charles R.; Keppel, Robert A.; and Raffelson, Harold, 4,562,268, Cl. 549-259.000.

Graham, Clarence O., Jr.; Shepard, Charles L.; Ruppenicker, George F., Jr.; and Kullman, Russell M. H., to United States of America, Agriculture. Process for reinforced yarn with glass fiber core. 4,541,231, 9-17-85, Cl. 57-12.000.

Graham, David R., to Cannondale Corporation. Bicycle frame seat stays. 4,513,985, 4-30-85, Cl. 280-281.00R.

Graham, Donald E., to General Motors Corporation. Windshield wiper system with touch control. 4,492,904, 1-8-85, Cl. 318-444.000.

Graham, Frank C.; and Parker, James T., II, to Flight Refueling, Inc. Reel system for axially extending hose. 4,534,384, 8-13-85, Cl. 137-899.200.

Graham, Gregory S.: *See—*

Froning, Edward C.; and Graham, Gregory S., 4,505,709, Cl. 604-411.000.

Froning, Edward C.; and Graham, Gregory S., 4,511,356, Cl. 604-164.000.

Froning, Edward C.; and Graham, Gregory S., 4,543,091, Cl. 604-116.000.

Graham, Howard A., to National Steel Corporation. Method and apparatus useful in cooling hot strip. 4,497,180, 2-5-85, Cl. 62-63.000.

Graham, James T.; and Johnson, Gerald E., to Lamb Technicon Corp. Chain-driven pocket elevator. 4,534,460, 8-13-85, Cl. 198-482.000.

Graham, Joe. Towel warmer and holder. 4,559,442, 12-17-85, Cl. 219-385.000.

Graham, John F., to Burroughs Corporation. Self-braking ribbon transport apparatus. 4,550,885, 11-5-85, Cl. 242-204.000.

Graham, John W.; and Sinclair, A. Richard. Method for treating subterranean formations. 4,518,039, 5-21-85, Cl. 166-276.000.

Graham, John W., to Swiss-Tex, Incorporated. Extension handle having cooperating male and female locking sleeves. 4,524,484, 6-25-85, Cl. 16-115.000.

Graham, John W.; and Sinclair, A. Richard, to Santrol Products, Inc. Method of acidizing propped fractures. 4,527,627, 7-9-85, Cl. 166-280.000.

Graham, John W.; and Sinclair, A. Richard, to Santrol Products, Inc. Well completion technique. 4,553,596, 11-19-85, Cl. 166-295.000.

Graham, Johnny R. Apparatus for installing poultry feather picking fingers. 4,512,072, 4-23-85, Cl. 29-252.000.

Graham, Joseph, to Minnesota Mining and Manufacturing Company. Flame resistant ashaltic compositions. 4,512,806, 4-23-85, Cl. 106-18.240.

Graham, Joseph; Gennrich, Timothy J.; and Laird, James A., to Minnesota Mining and Manufacturing Company. Intumescent silicates having improved stability. 4,521,333, 6-4-85, Cl. 252-606.000.

Graham, Kenneth J.; and Sewell, Robert G. S. Blast attenuator. 4,543,872, 10-1-85, Cl. 86-1.00B.

Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, to New Balance Athletic Shoe, Inc. Sole construction for footwear. 4,551,930, 11-12-85, Cl. 36-30.00R.

Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, to New Balance Athletic Shoe, Inc. Sole construction for footwear. 4,561,140, 12-31-85, Cl. 12-146.0BR.

Graham, Larry W.: *See—*

Valenti, Edward R.; Adamczyk, Thomas J.; and Graham, Larry W., 4,493,482, Cl. 270-12.000.

Graham Magnetics Incorporated: *See—*

Essary, James W.; and Sanderson, Robert A., 4,541,579, Cl. 242-56.200.

Rainey, Charles E., Jr., 4,494,878, Cl. 366-341.000.

Sanderson, Robert A., 4,491,485, Cl. 134-9.000.

States, Kenneth H.; and Smith, Walter W., 4,548,840, Cl. 427-365.000.

Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, to Coulter Electronics, Inc. Air vacuum chuck for a microscope. 4,508,435, 4-2-85, Cl. 350-529.000.

Graham, Marshall D. Magnetic separation using chelated magnetic ions. 4,508,625, 4-2-85, Cl. 210-695.000.

Graham, Marshall D.; and Cook, David D., Jr., to Coulter Electronics, Inc. Automated microscopy system and method for locating and re-locating objects in an image. 4,513,438, 4-23-85, Cl. 382-6.000.

Graham, Marshall D.; Cook, Dudley D., Jr.; Gecks, Donald L.; and Shaw, Robert, to Coulter Electronics, Inc. Optical microscope system. 4,538,885, 9-3-85, Cl. 350-529.000.

Graham, Marshall D.: *See—*

Drury, F. Robert; and Graham, Marshall D., 4,494,479, Cl. 118-120.000.

Drury, F. Robert; and Graham, Marshall D., 4,516,522, Cl. 118-120.000.

Graham, Merrill E., Jr. Heat engine. 4,510,757, 4-16-85, Cl. 60-667.000.

Graham, Merrill E., Jr.; and Blankenship, Ronnie L. Electro-hydraulic position control for a machine tool with actual and commanded position feedback. 4,527,244, 7-2-85, Cl. 364-474.000.

Graham, Neil A.: *See—*

Munro, Robert; Parker, David A.; and Graham, Neil A., 4,553,472, Cl. 92-176.000.

Graham, Neil B., to National Research Development Corporation. Hydrogels. 4,528,365, 7-9-85, Cl. 528-392.000.

Graham, Neil B., to National Research Development Corporation. Preparation of particulate gels. 4,542,176, 9-17-85, Cl. 524-543.000.

Graham, Patricia A.: *See—*

Gabrielsen, Rolf S.; Graham, Patricia A.; Klijanowicz, James E.; and Stern, Max H., 4,499,304, Cl. 564-92.000.

Gabrielsen, Rolf S.; Graham, Patricia A.; and Klijanowicz, James E., 4,507,479, Cl. 544-348.000.

Graham, Phyllis: *See—*

Calder, Oliver J., 4,537,355, Cl. 239-119.000.

Graham, Richard W., II: *See—*

Shapiro, Wilbur; Graham, Richard W., II; and Anderson, Hugh G., Jr., 4,544,285, Cl. 384-99.000.

Graham, Robert M.: *See—*

Battle, Billy J.; Graham, Robert M.; Jones, Lawrence S.; Malizio, Andrew B.; and Rhodes, George F., 4,540,204, Cl. 285-231.000.

Graham, Samuel L.: *See—*

Shepard, Kenneth L.; and Graham, Samuel L., 4,544,667, Cl. 514-470.000.

Smith, Robert L.; and Graham, Samuel L., 4,510,155, Cl. 514-276.000.

Graham, Stephen H., to Varian Associates, Inc. Hydraulic pulse dampener employing stiff diaphragm and nesting member. 4,548,240, 10-22-85, Cl. 138-30.000.

Graham, Stephen H., to Varian Associates, Inc. Hydraulic pulse dampener employing two stiff diaphragms and nesting members. 4,552,182, 11-12-85, Cl. 138-30.000.

Graham, Thomas, to Reed International P.L.C. Wallcovering in roll form. 4,524,097, 6-18-85, Cl. 428-141.000.

Graham, Thomas G.: *See—*
Blackwood, John; Graham, Thomas G.; and Brauch, Robert B., 4,499,839, Cl. 112-317.000.

Graham, Timothy J., to Sencore, Inc. Method and apparatus for aligning traps in a television receiver. 4,562,469, 12-31-85, Cl. 358-139.000.

Graham, Tommy E.: *See—*
Croskell, Henry; and Graham, Tommy E., 4,518,399, Cl. 55-16.000.

Graham, Wayne B.; and Bonn, John, to Tentel Corporation. Universal head protrusion gauge for video recorders. 4,554,743, 11-26-85, Cl. 33-172.00R.

Graham, William M., to Cooper Vision, Inc. Haptic for intraocular lens. 4,502,163, 3-5-85, Cl. 3-13.000.

Graham, William M.: *See—*
Gerhard, Gregory J.; Gornstein, Robert J.; Graham, William M.; Patel, Anilbhai S.; Smith, John M.; and Vaughn, Wade C., 4,502,162, Cl. 3-13.000.
Gerhard, Gregory J.; and Graham, William M., 4,516,575, Cl. 128-305.000.

Graham, William R., to TI (Group Services) Limited. Method of making a tube in sheet heat exchanger. 4,517,721, 5-21-85, Cl. 29-157.30C.

Grahl, Norma S. Pillow-tote bag device. 4,535,878, 8-20-85, Cl. 190-1.000.

Grahn, Per G., to United Stirling AB. Protective shield for a solar energy concentrator. 4,502,466, 3-5-85, Cl. 126-418.000.

Grail, Donald J., to Embelton-Grail, Inc. Roof tile and tile composition of matter. 4,514,947, 5-7-85, Cl. 52-536.000.

Graillat, Gerard; and Mabboux, Michel, to Salomon S.A. Alpine ski boot. 4,557,061, 12-10-85, Cl. 36-119.000.

Grain Processing Corporation: *See—*
Harvey, Richard D., 4,517,022, Cl. 127-68.000.
Harvey, Richard D.; Hubbard, E. Daniel; and Meintrup, Robert A., 4,554,021, Cl. 106-213.000.
Hubbard, Edward D., 4,558,091, Cl. 524-734.000.
Kightlinger, Adrian P.; and Hubbard, E. Daniel, 4,558,100, Cl. 525-329.100.
Morehouse, Alpha L.; and Lewis, Charles J., 4,536,408, Cl. 426-250.000.
Witt, Paul R., 4,540,663, Cl. 435-99.000.

Graindorge, Philippe; and Arditty, Herve, to Thomson-CSF. Optical fibre hydrophone. 4,536,861, 8-20-85, Cl. 367-149.000.

Graindorge, Philippe; and Arditty, Herve, to Thomson-CSF. Device for illuminating an electro-optical medium for recording holograms in real time. 4,542,955, 9-24-85, Cl. 350-3.630.

Graindorge, Philippe: *See—*
Arditty, Herve; Bourbin, Yannic; Dubos, Jacques; Gautnier, Francis; and Graindorge, Philippe, 4,509,968, Cl. 65-10.100.
Arditty, Herve; and Graindorge, Philippe, 4,547,650, Cl. 219-121.0LE.
Arditty, Herve; and Graindorge, Philippe, 4,548,631, Cl. 65-3.100.

Grainge, Richard W.; and Slow, Dennis, to British Aerospace Public Limited Company. Mounting assembly for optical elements. 4,494,830, 1-22-85, Cl. 350-486.000.

Grainge, Richard W.; and Humphries, Rowland F., to British Aerospace Public Limited Company. Ground reconnaissance. 4,516,158, 5-7-85, Cl. 358-109.000.

Grainger, Alfred J. Drill bit and method of use thereof. 4,511,006, 4-16-85, Cl. 175-57.000.

Grainger, Alfred J., to NL Industries, Inc. Rotary drilling bits. 4,553,615, 11-19-85, Cl. 175-329.000.

Graiver, Daniel; and Kalinowski, Robert E., to Dow Corning Corporation. Conductive elastomers from electrically conductive fibers in silicone emulsion. 4,545,914, 10-8-85, Cl. 252-511.000.

Graiver, Daniel; and Kalinowski, Robert E., to Dow Corning Corporation. Electrically conductive elastomers from emulsions. 4,547,312, 10-15-85, Cl. 252-513.000.

Grall, Georges; Joseph, Jacques; and Lemoine, Claude, to Thomson-CSF. Array system with high resolving power. 4,510,586, 4-9-85, Cl. 367-87.000.

Grallert, Hans-Joachim, to Siemens Aktiengesellschaft. Digital DPCM-coder having a high processing speed. 4,536,880, 8-20-85, Cl. 375-30.000.

Grallert, Hans-Joachim, to Siemens Aktiengesellschaft. Quantizer for a DPCM encoder. 4,540,973, 9-10-85, Cl. 340-347.0DD.

Grallert, Hans-Joachim, to Siemens Aktiengesellschaft. High-speed difference pulse code modulation coder. 4,541,102, 9-10-85, Cl. 375-30.000.

Gram, Klaus, to Brodrene Gram A/S. Method of freezing articles in containers and apparatus for carrying out the method. 4,505,121, 3-19-85, Cl. 62-60.000.

Gram, Klaus, to Brodrene Gram A/S. Apparatus for extraction of articles frozen in moulds in a freezing machine. 4,535,605, 8-20-85, Cl. 62-345.000.

Gram, Klaus, to Brodrene Gram A/S. Method for picking-up ice lollies from freezing pockets in an ice lolly freezing machine and picking-up device for carrying out the method. 4,546,615, 10-15-85, Cl. 62-73.000.

Gramckow, Jurgen. Method and apparatus for producing non-rhizoming grasses. 4,492,172, 1-8-85, Cl. 111-1.000.

Gramlich, Walter: *See—*
Degner, Dieter; Hannebaum, Heinz; Siegel, Hardo; and Gramlich, Walter, 4,539,081, Cl. 204-78.000.

Gramling, James T.: *See—*
Raney, Charles C.; and Gramling, James T., 4,555,968, Cl. 83-209.000.

Gramm, Jeffrey S.; Mongan, Edwin L., Jr.; and Sheeran, Patrick J., to Du Pont de Nemours, E. I., and Company. Process for preparing dialkyl propanediimidate dihydrohalides. 4,495,108, 1-22-85, Cl. 260-453.700.

Gramm, Ronald J. Glazing material. 4,498,455, 2-12-85, Cl. 126-417.000.

Grammas, James J.; Moskal, Walter J.; and Witt, Craig J., to GTE Automatic Electric Laboratories Incorporated. Cable connector seating tool. 4,535,533, 8-20-85, Cl. 29-749.000.

Grammatica, Steven J.: *See—*
Mort, Joseph; Jansen, Frank; Grammatica, Steven J.; and Morgan, Michael A., 4,544,617, Cl. 430-58.000.

Grammel, Jurgen: *See—*
Halpaap, Reinhard; Pedain, Josef; Thoma, Wilhelm; and Grammel, Jurgen, 4,530,990, Cl. 528-53.000.

Grammer, Willibald: *See—*
Meiller, Hermann; and Storch, Helmut, 4,544,598, Cl. 428-246.000.

Grammes, Hartwig: *See—*
Haas, Peter; Avar, Geza; and Grammes, Hartwig, 4,540,626, Cl. 428-318.800.
Haas, Peter; Avar, Geza; and Grammes, Hartwig, 4,546,121, Cl. 521-164.000.

Grams, Ralph R. Method of inhibiting the growth of marine life on surfaces in contact with seawater. 4,552,813, 11-12-85, Cl. 428-411.100.

Gramse, Jack A.; and Pierce, Jon C., to Solvent Extractors Inc. Parts washing and/or fluid recovery apparatus. 4,543,182, 9-24-85, Cl. 210-95.000.

Gran-Quartz Trading, Inc.: *See—*
deKok, Peter T.; and Phildius, John, 4,517,954, Cl. 125-15.000.

Granata, Amedeo J.: *See—*
Garbis, Dennis; Chan, Joseph Y.; Granata, Amedeo J.; and Heller, Robert C., 4,522,149, Cl. 118-725.000.
Hill, Lawrence B.; Garbis, Dennis; Heller, Robert C.; and Granata, Amedeo J., 4,499,354, Cl. 219-10.49R.

Granata, Helen E. Seam presser. 4,546,560, 10-15-85, Cl. 38-1.00B.

Granatstein, Victor L.: *See—*
Lau, Yue-Ying; Chu, Kwo R.; Granatstein, Victor L.; and Barnett, Larry R., 4,533,875, Cl. 330-4.000.

Granberg, Carl-Gustav; and Kauppi, Heikki, to MKT-tehtaat Oy. Procedure for treating curd particles and cheese mould for applying the procedure. 4,509,413, 4-9-85, Cl. 99-453.000.

Grand, Marcel: *See—*
Bayssat, Michel; Belleville, Maryse; and Grand, Marcel, 4,512,994, Cl. 514-374.000.

Grand, Paul S.: *See—*
Ramachandran, Pallassanna; and Grand, Paul S., 4,536,315, Cl. 252-174.110.
Ramachandran, Pallassanna; and Grand, Paul S., 4,539,135, Cl. 252-174.110.

Granda, Edward J.: *See—*
Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., 4,501,762, Cl. 426-538.000.

Grandadam, Yves: *See—*
Durand, Daniel; and Grandadam, Yves, 4,532,146, Cl. 426-580.000.

Granday, Georges; and Jeandot, Marcel, to S.A. Presure Granday. Process of producing a coagulant composition for cheese production. 4,526,792, 7-2-85, Cl. 426-56.000.

Grandguillot, Michel; Mollier, Pierre; and Nuez, Jean-Paul, to International Business Machines Corporation. True/complement generator employing feedback circuit means for controlling the switching of the outputs. 4,529,896, 7-16-85, Cl. 307-480.000.

Grandin, Roland E.; and Milligan, Barton, to Air Products and Chemicals, Inc. Aromatic amines from alkali metal amide aminating agent and aromatic. 4,501,922, 2-26-85, Cl. 564-408.000.

Grandinett, D. H.: *See—*
Lake, W. H. R.; and Grandinett, D. H., 4,493,387, Cl. 180-248.000.

Grandini, Angelo: *See—*
Cardone, Michele; Grandini, Angelo; and Zaramella, Bruno, 4,507,635, Cl. 335-291.000.

Grandjean, Remy; and Guerin, Yves, to ETA S.A., Fabriques d'Ebauches. Method and device for controlling a bidirectional stepping motor. 4,514,676, 4-30-85, Cl. 318-696.000.

Grandpierre, Cyril M., to Entrepose Travaux Publics. Tubular-type scaffoldings, method for assembling them and to the horizontal transoms incorporated therein. 4,522,527, 6-11-85, Cl. 403-49.000.

Grandvallet, Gilles; and Deborde, Albert H., to Saurer-Diederichs Societe Anonyme. Thread clamp, particularly for jet looms. 4,494,579, 1-22-85, Cl. 139-429.000.

Grandvallet, Gilles: *See—*
Deborde, Albert H.; and Grandvallet, Gilles, 4,510,976, Cl. 139-435.000.
Deborde, Albert H.; and Grandvallet, Gilles, 4,543,999, Cl. 139-1.00C.

Grandvaux, Bernard: *See—*
Peynaud, Francois; Gosselin, Jean; Farcy, Andre; and Grandvaux, Bernard, 4,516,226, Cl. 367-6.000.

Granett, Dan: *See—*
Barmatz, Martin B.; Allen, James L.; and Granett, Dan, 4,520,656, Cl. 73-505.000.
Barmatz, Martin B.; Granett, Dan; and Lee, Mark C., 4,549,435, Cl. 73-505.000.

Granger Associates: *See—*
Werner, William L.; and DuHamel, Raymond H., 4,498,084, Cl. 343-792.500.

Granger, Donald W.: *See—*
Faul, Donald; Broussard, Paul P.; and Granger, Donald W., 4,523,453, Cl. 73-40.700.

Granger, Gerald M. Boat anchor. 4,523,539, 6-18-85, Cl. 114-299.000.

Granger, Maurice. Rolled web dispenser. 4,552,315, 11-12-85, Cl. 242-55.300.

Granger, Stanley W.; and Camerano, James J., to NL Industries, Inc. Shear ram apparatus. 4,540,046, 9-10-85, Cl. 166-55.000.

Granger, Yves: *See—*

  Calvignac, Jean; Granger, Yves; and Masclet, Andre, 4,491,913, Cl. 364-200.000.

Granges Metallverken AB: *See—*

  Miura, Tatsuo; Ohta, Kazuhiro; Hasegawa, Yoshiharu; and Yoneyama, Takao, 4,531,980, Cl. 148-11.50C.

Grangette, Francoise: *See—*

  Zumbrunn, Jean-Pierre; Levielle, Jean; Thomas, Andre; and Grangette, Francoise, 4,536,907, Cl. 8-149.100.

Grangette, Henri; Constans, Bernard; and Maldonado, Paul, to Elf France. Friction-reducing lubricating compositions each comprising an additive. 4,543,195, 9-24-85, Cl. 252-33.400.

Grangette, Henri: *See—*

  Deschamps, Patrice P. M.; Gallo, Roger; and Grangette, Henri, 4,536,594, Cl. 562-400.000.

Granhaug, Otto J.: *See—*

  Yonker, John H.; Williams, Charles R.; and Granhaug, Otto J., 4,530,485, Cl. 251-93.000.

Granier, Jean: *See—*

  Devillard, Jacques; and Granier, Jean, 4,541,985, Cl. 419-10.000.

Granier, Patrick: *See—*

  Cunisse, Michel; Granier, Patrick; D'Hollosy, Antoine; and De Pinho, Daniel, 4,531,839, Cl. 366-110.000.

Graniou, Louis. High temperature electric furnace with metallic resistances in the form of hollow vertical heating tubes. 4,520,487, 5-28-85, Cl. 373-134.000.

Granning Suspensions, Inc.: *See—*

  Bierens, John, 4,506,910, Cl. 280-711.000.

  Chervenak, Paul R., 4,497,507, Cl. 280-704.000.

Granot, Moshe. Self-cleaning filter apparatus. 4,552,655, 11-12-85, Cl. 210-108.000.

Granryd, Thorvald G., to TG Strips, Inc. Retractable traction intensifying means for agricultural tractors and the like. 4,508,150, 4-2-85, Cl. 152-169.000.

Grant-Acquah, Frank C.: *See—*

  Bogner, Ben R.; and Grant-Acquah, Frank C., 4,532,096, Cl. 264-109.000.

Grant, Blake F. Ribbon filter apparatus. 4,555,342, 11-26-85, Cl. 210-488.000.

Grant, Callum, to Koolflo Limited. Apparatus for cooling liquids. 4,502,294, 3-5-85, Cl. 62-389.000.

Grant, Charles R. Tie tack. 4,554,710, 11-26-85, Cl. 24-49.0CF.

Grant, Frederic F., to Bell & Howell Company. Information transferring systems operating on a recording medium. 4,514,055, 4-30-85, Cl. 350-6.300.

Grant, George G.: *See—*

  Woyton, Joseph T.; and Grant, George G., 4,534,114, Cl. 33-181.00R.

Grant, Graham C. Fluid flowmeter. 4,550,615, 11-5-85, Cl. 73-861.210.

Grant Hardware Company: *See—*

  Sekerich, Michael, 4,516,813, Cl. 312-323.000.

Grant, Herbert L., to S. S. Steiner, Inc. Mixed solvent extraction of hops. 4,507,329, 3-26-85, Cl. 426-600.000.

Grant, Ian: *See—*

  Beversdorf, Wallace D.; Erickson, Lawrence R.; and Grant, Ian, 4,517,763, Cl. 47-58.000.

Grant, John T., to Pittway Corporation. Electrical connector system. 4,544,903, 10-1-85, Cl. 335-205.000.

Grant, Jonathan F.: *See—*

  McIlwain, Michael E.; Grant, Jonathan F.; Golenko, Zsolt; and Wittstein, Alan D., 4,493,297, Cl. 123-143.00B.

Grant, Richard W.; and Sciulli, Ronald D., to Atecs Corporation. Adjustable mast step. 4,527,499, 7-9-85, Cl. 114-39.000.

Grant, Ronald J.: *See—*

  Drake, Cyril F.; Jones, Ronald; Bateson, Paul F.; Grant, Ronald J.; and Burrage, Martin E., 4,511,404, Cl. 106-14.120.

Grant, Thomas S.; and Myers, Charles L., to Borg-Warner Chemicals, Inc. Alloys of styrenic resins and polyamides. 4,496,690, 1-29-85, Cl. 525-66.000.

Grant, William A.: *See—*

  Fourre, Remy D.; and Grant, William A., 4,507,541, Cl. 219-124.340.

Grant, Willie T. Solenoid operated damper blades. 4,506,825, 3-26-85, Cl. 236-9.00A.

Grant, Willie T. Reversible damper means. 4,506,828, 3-26-85, Cl. 236-49.000.

Grant, Willie T. Variable speed damper means. 4,506,829, 3-26-85, Cl. 236-49.000.

Grant, Willie T. Four-terminal zone thermostat. 4,515,306, 5-7-85, Cl. 236-9.00A.

Grant, Willie T. Automatic damper operator. 4,518,116, 5-21-85, Cl. 236-1.00B.

Grant, Willie T. Automatic damper means for air ducts. 4,553,695, 11-19-85, Cl. 236-9.00A.

Grantham, Daniel H., to United Technologies Corporation. Low parasitic capacitance pressure transducer and etch stop method. 4,513,348, 4-23-85, Cl. 361-283.000.

Grantham, Daniel H.: *See—*

  Grudkowski, Thomas W.; DeMaria, Anthony J.; Shuskus, Alexander J.; and Grantham, Daniel H., 4,491,761, Cl. 310-359.000.

Grantham, LeRoy F.; and Heath, Norman W., to Rockwell International Corporation. Fluid flow measuring. 4,498,347, 2-12-85, Cl. 73-861.660.

Grantham, LeRoy F., to Rockwell International Corporation. Thermal conversion of wastes. 4,499,833, 2-19-85, Cl. 110-342.000.

Grantham, LeRoy F.; and Ashworth, Joseph A., to Rockwell International Corporation. Removal of polyhalogenated biphenyls from organic liquids. 4,526,677, 7-2-85, Cl. 208-262.000.

Grantham, LeRoy F.: *See—*

  Gay, Richard L.; and Grantham, LeRoy F., 4,559,170, Cl. 252-628.000.

Grants, Valdis: *See—*

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Grantz, Helmut: *See—*

  Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,503,906, Cl. 165-104.210.

  Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,520,863, Cl. 165-48.00R.

  Andres, Rudolf; Grantz, Helmut; Muenzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,550,774, Cl. 165-104.210.

Granville, Clive W., to Flynn Burner Corporation. Method and apparatus for applying heat to articles and materials. 4,549,866, 10-29-85, Cl. 432-10.000.

Granziera, Attilio: *See—*

  Beltrame, Leonardo; and Granziera, Attilio, 4,541,505, Cl. 181-179.000.

Granzotto, Richard J.: *See—*

  Varterasian, John H.; and Granzotto, Richard J., 4,521,057, Cl. 297-455.000.

Granzow, Carl F.; Lash, Edward G.; Gleason, Everett; and Kubiak, Jerome, to Tishken Products, Inc. Sweep-forming apparatus. 4,530,226, 7-23-85, Cl. 72-171.000.

Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., to Baxter Travenol Laboratories, Inc. Peritoneal dialysis apparatus. 4,560,472, 12-24-85, Cl. 210-140.000.

Granzow, Daniel B.: *See—*

  Kulin, Ralph; Granzow, Daniel B.; and Danielsen, Brant R., 4,500,788, Cl. 250-455.100.

Granzow, Robert H.; Gupta, Desh B.; Myers, Kimbrough I.; and Filliman, Mark D., to NCR Corporation. Fail safe document dispensing system. 4,521,008, 6-4-85, Cl. 271-3.000.

Granzow, Robert H.; and Placke, Dale L., to NCR Corporation. Tampering-proof cassette for receiving currency deposits and identification cards. 4,529,118, 7-16-85, Cl. 232-43.300.

Granzow, Robert H.; and Placke, Dale L., to NCR Corporation. Tampering-proof cassette used in a cash dipenser. 4,529,119, 7-16-85, Cl. 232-43.300.

Granzow, Robert H.: *See—*

  Nagy, Charles S.; Placke, Dale L.; Gross, Jack R.; and Granzow, Robert H., 4,552,350, Cl. 271-3.000.

Grape, Wolfgang; Saykowski, Franz; Schlak, Ottfried; and Wurminghausen, Thomas, to Bayer Aktiengesellschaft. Stable silicone emulsions. 4,554,187, 11-19-85, Cl. 427-387.000.

Grape, Wolfgang: *See—*

  Feldner, Kurt; and Grape, Wolfgang, 4,552,973, Cl. 556-469.000.

Grapentin, Joachim; Mahlkow, Hartmut; and Skupsch, Jurgen, to Schering Aktiengesellschaft. Adhesive metallization of polyimide. 4,517,254, 5-14-85, Cl. 428-626.000.

Grapha-Holding AG: *See—*

  Boss, Heinz, 4,538,397, Cl. 53-430.000.

  Boss, Heinz, 4,550,883, Cl. 242-59.000.

  Glanzmann, Alfred, 4,491,311, Cl. 270-54.000.

  Grunder, Roland, 4,509,703, Cl. 242-59.000.

  Linder, Heinz, 4,494,705, Cl. 242-59.000.

  Merkli, Peter, 4,523,751, Cl. 270-60.000.

  Muller, Hans, 4,511,132, Cl. 270-58.000.

  Muller, Hans, 4,541,824, Cl. 493-29.000.

  Thierstein, Hans, 4,526,362, Cl. 271-186.000.

  Thierstein, Hans, 4,528,794, Cl. 53-118.000.

Graphic Arts Technical Foundation: *See—*

  Warner, Richard D., 4,527,333, Cl. 33-1.00B.

Graphic Arts Technical Innovators, Inc.: *See—*

  Miller, Curtis B., 4,524,691, Cl. 101-232.000.

Graphic Controls Corporation: *See—*

  Hubbard, James R.; Pelensky, Joseph; and Kin, Niles, 4,497,468, Cl. 251-117.000.

  Katsen, Boris J.; Brinkworth, Robert T.; Kay, Daniel J.; and Riester, James A., 4,500,354, Cl. 106-21.000.

  Lawton, William R., 4,495,291, Cl. 436-1.000.

  Vaughan, Raymond C.; DiSabito, David M.; Mruk, Norbert J.; and Eddy, Arthur R., Jr., 4,559,950, Cl. 128-641.000.

Graphic Enterprises of Ohio, Inc.: *See—*

  Hovekamp, John C., 4,530,306, Cl. 118-669.000.

Graphic Resources, Inc.: *See—*

  Hattemer, James C., 4,526,405, Cl. 283-81.000.

  Hattemer, James C., 4,528,055, Cl. 156-247.000.

Graphic Technology, Inc.: *See—*

  McCurdy, Frederic, 4,531,317, Cl. 40-366.000.

Graphica Computer Corporation: *See—*

  Rokunohe, Mitsuru; Nakajima, Toshiyuki; Iwata, Kansei; and Tajima, Hiroyuki, 4,549,175, Cl. 340-794.000.

Graphite Sales, Inc.: *See—*

  Burmeister, Kevin L., 4,556,097, Cl. 164-137.000.

Carlson, Walter H.; Zander, Gerald B.; Hanna, George C.; and Burmeister, Kevin L., 4,536,379, Cl. 423-345.000.
Grapho Metronic Mess- und Regeltechnik GmbH & Co. KG: *See—*
Schramm, Peter; and Feulner, Walter, 4,494,875, Cl. 356-402.000.
Grappelli, Adriana; Tomati, Umberto; and Palma, Grazio, to Consiglio Nazionale Delle Ricerche. Plant consisting of modular elements for degrading organic wastes by means of earth worms. 4,552,726, 11-12-85, Cl. 422-184.000.
Grappendorf, Richard H., to Norton Christensen, Inc. Diamond cutting element in a rotating bit. 4,491,188, 1-1-85, Cl. 175-329.000.
Grappendorf, Richard H.; and Brown, Jana L., to Christensen, Inc. Tooth configuration for an earth boring bit. 4,499,959, 2-19-85, Cl. 175-330.000.
Gras, Helene: *See—*
Duflot, Anabela; Gras, Helene; Tartar, Andre; Duflot, Edith; and Boquet, Patrice, 4,499,080, Cl. 514-12.000.
Gras, Rainer, to Chemische Werke Huels AG. Powder surface coatings. 4,500,696, 2-19-85, Cl. 528-45.000.
Gras, Rainer; and Riemer, Heinz, to Chemische Werke Huels AG. Powder varnishes based on partially blocked isophorone diisocyanate isocyanurate and hydroxyl group containing polyester, and method for producing matte coatings. 4,528,355, 7-9-85, Cl. 528-45.000.
Gras, Rainer: *See—*
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Disteldorf, Josef; and Gras, Rainer, 4,500,698, Cl. 528-45.000.
Grasbeck, Joachim: *See—*
Virta, Hannu; Grasbeck, Joachim; and Ritvanen, Tapio, 4,528,928, Cl. 114-189.000.
Graser, Earl J., to Manville Service Corporation. Sleeve-style beverage carton. 4,508,258, 4-2-85, Cl. 229-38.000.
Graser, Fritz; Hoffmann, Gerhard; Leyrer, Reinhold J.; Neumann, Peter; and Patsch, Manfred, to BASF Aktiengesellschaft. Electrophotographic recording medium. 4,517,270, 5-14-85, Cl. 430-58.000.
Grasmick, Alain D.: *See—*
Elmaleh, Samuel; and Grasmick, Alain D., 4,515,697, Cl. 210-768.000.
Grass, Alfred. Door hinge for lateral and heighth adjustment. 4,493,129, 1-15-85, Cl. 16-238.000.
Grass, Alfred. Method of fabricating a base plate for a metal fitting, and stamping utilized in forming the base plate. 4,535,502, 8-20-85, Cl. 16-382.000.
Grass Valley Group, Inc., The: *See—*
Dayton, Birney D.; and Leavitt, Dale L., 4,525,836, Cl. 370-67.000.
Dayton, Birney D., 4,536,665, Cl. 307-475.000.
Rorden, William L., 4,525,677, Cl. 330-258.000.
Grass, William E.: *See—*
Petrie, Dennis J.; Bridges, Robert B.; Grass, William E.; and Hastings, Jerome K., 4,546,337, Cl. 335-16.000.
Grassbaugh, Walter T.: *See—*
Riffe, Delmar R.; Elson, John P.; Sathe, Dilip S.; and Grassbaugh, Walter T., 4,547,131, Cl. 417-53.000.
Grasse Family Trust: *See—*
Grasse, Palmer, 4,512,611, Cl. 299-37.000.
Grasse, Hans-Jochen; and Gomann, Rolf, to Hauni-Werke Korber & Co. KG. Method and apparatus for the production and manipulation of plain cigarettes and the like. 4,538,629, 9-3-85, Cl. 131-282.000.
Grasse, Palmer, to Grasse, Palmer. Stripper oscillated head with shrouded drive and quick demountability. 4,504,093, 3-12-85, Cl. 299-37.000.
Grasse, Palmer, to Grasse Family Trust, Palmer Grasse, Trustee. Oscillated head with bearing support and quick demountability. 4,512,611, 4-23-85, Cl. 299-37.000.
Grasselli, Giorgio: *See—*
Alimbau Marques, Salvador; and Grasselli, Giorgio, 4,519,476, Cl. 182-28.000.
Grasselli, Robert K.; Suresh, Dev D.; and Miller, Arthur F., to Standard Oil Company, The. Production of unsaturated nitriles using catalysts promoted with various metals. 4,495,109, 1-22-85, Cl. 260-465.300.
Grasselli, Robert K.; and Hardman, Harley F., to Standard Oil Company, The. Process for the manufacture of acrylonitrile and methacrylonitrile. 4,503,001, 3-5-85, Cl. 260-465.300.
Grasselli, Robert K.: *See—*
Attig, T. G.; and Grasselli, Robert K., 4,511,548, Cl. 423-376.000.
Burrington, James D.; Pesa, Fred A.; Maher, Elizabeth A.; and Grasselli, Robert K., 4,519,954, Cl. 260-465.80D.
Burrington, James D.; Grasselli, Robert K.; Pesa, Fred; and Maher, Elizabeth A., 4,560,730, Cl. 525-340.000.
Guttmann, Andrew T.; and Grasselli, Robert K., 4,556,731, Cl. 562-546.000.
Harris, Jonathan H.; Tenhover, Michael A.; Grasselli, Robert K.; and Ward, Michael D., 4,560,454, Cl. 204-128.000.
Suresh, Dev D.; Grasselli, Robert K.; Brazdil, James F.; and Ratka, Frances I., 4,532,083, Cl. 260-465.300.
Tenhover, Michael A.; Henderson, Richard S.; and Grasselli, Robert K., 4,537,624, Cl. 75-0.50B.
Tenhover, Michael A.; Henderson, Richard S.; and Grasselli, Robert K., 4,557,766, Cl. 148-11.50P.
Tsou, Dean T.; Burrington, James D.; Maher, Elizabeth A.; and Grasselli, Robert K., 4,526,884, Cl. 502-154.000.
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Grasser, Leo, to Siemens Aktiengesellschaft. Method for forming silicon oxide films. 4,518,630, 5-21-85, Cl. 427-93.000.
Grasset, Daniel; and Martinot, Bernard, to Societe Chimique des Charbonnages-CdF Chimie. Apparatus for reducing the chances of ignition and explosion from the decomposition of high-pressure industrial process ethylene gases. 4,534,942, 8-13-85, Cl. 422-117.000.
Grassetti, Davide R. Agents affecting the production of hormones in living mammals. 4,521,425, 6-4-85, Cl. 514-350.000.
Grassi, Fabrizio; and Iannarelli, Luigi, to Prima Progetti S.p.A. Automatic device for tightening bolts. 4,498,545, 2-12-85, Cl. 173-43.000.
Grassi, Gino; Cammilli, Leonardo; Alcidi, Luciano; and Marconi, Paolo, to Grassi, Gino. Cardiac stimulator with frequency self-regulation through the electrocardiographic T wave. 4,556,062, 12-3-85, Cl. 128-419.0PG.
Grassi, Julio J. Door security device. 4,560,191, 12-24-85, Cl. 292-264.000.
Grassien, Jean-Yves: *See—*
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Grassl, Gerhard: *See—*
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Grassme, Ulrich, to Siemens Aktiengesellschaft. Dental X-ray diagnostic installation. 4,501,010, 2-19-85, Cl. 378-38.000.
Grasso, Albert P., to United States of America, National Aeronautics and Space Administration. Reactant pressure differential control for fuel cell gases. 4,509,548, 4-9-85, Cl. 137-99.000.
Grasso, Alfie L., to Micropore International Limited. Electric cooker having temperature warning means. 4,518,850, 5-21-85, Cl. 219-505.000.
Grasso, Charles P., to American Cyanamid Company. Process for the preparation of 2-(4-hydroxyphenyl)-3-methylbutyric acid. 4,537,988, 8-27-85, Cl. 562-478.000.
Grasso's Koniklyke Machine Fabriekon N.V.: *See—*
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Gratch, Eitan: *See—*
Austin, James W.; Bradburn, Ronald G.; Cromwell, Clarence A.; Gratch, Eitan; Groiss, Erich; Perkins, Derek; and Walker, Robert A., 4,500,496, Cl. 423-55.000.
Grathnail Development Company Limited: *See—*
Le Blanc Smith, Guy; and Howard, Derik, 4,495,804, Cl. 73-152.000.
Smith, Guy L. B.; Howard, Derik; and Goedhals, Anton B., 4,494,106, Cl. 340-58.000.
Grati, Giorgio, to OGRAD s.r.l. Blank article for assembling into a container having double or box-like walls, and an openable hinge wall. 4,550,853, 11-5-85, Cl. 220-416.000.
Grati, Giorgio, to Ograd s.r.l. Hollow punched object for forming a structure with box walls. 4,561,706, 12-31-85, Cl. 312-258.000.
Gratkowski, Kazmer. Wood splitting device. 4,503,894, 3-12-85, Cl. 144-193.00A.
Gratsch, Jack M. Cloth spreading machine with vacuum transport belt for condensing cloth. 4,529,186, 7-16-85, Cl. 270-31.000.
Gratzner, Howard G., to University of Miami. Hybridoma cells secreting a monoclonal antibody specific for 5-bromo and 5-iodoeoxyuridine and reagents for measuring cellular proliferation. 4,529,700, 7-16-85, Cl. 435-240.000.
Grau, Richard: *See—*
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Heil, Guenter; Spoor, Herbert; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; Balz, Werner; and Lehner, August, 4,559,118, Cl. 204-159.140.
Heil, Guenter; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; and Balz, Werner, 4,560,456, Cl. 204-159.140.
Roller, Hermann; Lehner, August; Hack, Joachim; Grau, Werner; Balz, Werner; and Baur, Reinhold, 4,534,999, Cl. 427-130.000.
Grauberger, Hermann: *See—*
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Graudins, John: *See—*
Gawad, Mahmoud A.; and Graudins, John, 4,494,175, Cl. 362-150.000.
Grauel, Christoph; Duplessis, Philippe; and Tarabout, Alain, to U.S. Philips Corporation. Process for spreading the volume of traffic over different control channels of a cellular radio transmission system. 4,551,852, 11-5-85, Cl. 455-33.000.
Grauel, Ingolf; Hofer, Gerald; Kulke, Gunter; and Stumpe, Werner, to Robert Bosch GmbH. Pressure medium brake system. 4,496,192, 1-29-85, Cl. 303-13.000.
Grava, Arturs, to Lubrizol Corporation, The. Method for preparing interpolymers. 4,526,950, 7-2-85, Cl. 526-272.000.
Gravatt, Barton A., to Pall Corporation. Adsorbent fractionator with automatic cycle control and process. 4,552,570, 11-12-85, Cl. 55-20.000.
Graveling, Frederick J.: *See—*
Peck, Alan M.; Reedman, David C.; Graveling, Frederick J.; Moore, David; and Mansfield, Graham J., 4,541,054, Cl. 364-474.000.
Gravely, Lawrence E.; Geiss, Vernon L.; and Gregory, Charles F., to Brown & Williamson Tobacco Corporation. Process for reduction of nitrate content of tobacco by microbial treatment. 4,556,073, 12-3-85, Cl. 131-297.000.
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  - Aranyi, Ernie; Ihasz, Richard; Gravener, Roy D.; and Tovey, Hugh J., 4,513,746, Cl. 128-334.00C.
- Graver Company, The: *See—*
  - Kunin, Robert; and Salem, Eli, 4,547,291, Cl. 210-670.000.
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- Graves, Alan F.; and Dilley, James E., to Northern Telecom Limited. Method and apparatus for code conversion of binary of multilevel signals. 4,528,550, 7-9-85, Cl. 340-347.0DD.
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- Graves, Daniel F., to Firestone Tire & Rubber Company, The. Borate chloride polymerization catalysts. 4,524,052, 6-18-85, Cl. 423-277.000.
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- Graves, Daniel F., to Firestone Tire & Rubber Company, The. Carbon black-furazan oxide product and rubber compositions containing same. 4,557,306, 12-10-85, Cl. 152-548.000.
- Graves, Delbert E.; and Craft, George E., to Newell Companies, Inc. Window shade, and method apparatus for manufacturing same. 4,539,239, 9-3-85, Cl. 428-43.000.
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  - Cook, John, 4,510,358, Cl. 200-81.00R.
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- Graves, James E.; and Graves, Joan M. K. Cooking grease collection pot. 4,555,339, 11-26-85, Cl. 210-244.000.
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- Graves, Joan M. K.: *See—*
  - Graves, James E.; and Graves, Joan M. K., 4,555,339, Cl. 210-244.000.
- Graves, Louis N., to Louis N. Graves Company, Inc. Sharpening apparatus. 4,530,188, 7-23-85, Cl. 51-214.000.
- Graves, Nancy D.: *See—*
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- Graves, Richard E.: *See—*
  - Biechler, Charles S.; Carroll, Allen M.; Graves, Richard E.; and Lyons, Steven A., 4,498,010, Cl. 250-492.200.
- Graves, Richard F., to Garrett Corporation, The. Heat exchanger support system providing for thermal isolation and growth. 4,511,106, 4-16-85, Cl. 248-65.000.
- Graves, Ross E., to Hughes Aircraft Company. Direction finding interferometer internal calibration system. 4,494,118, 1-15-85, Cl. 343-424.000.
- Graves, Steven P., to Rockwell International Corporation. Driver circuit for an electroluminescent matrix-addressed display. 4,554,539, 11-19-85, Cl. 340-805.000.
- Graves, Thomas B.: *See—*
  - Hallee, Donald O.; Lake, Harold; Johansson, Kenneth L.; and Graves, Thomas B., 4,527,271, Cl. 371-20.000.
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- Graves, Walter E., Jr., to Varian Associates, Inc. Substrate and substrate holder. 4,558,388, 12-10-85, Cl. 360-135.000.
- Graves, William H., Jr.: *See—*
  - Hester, Benny L.; and Graves, William H., Jr., 4,539,836, Cl. 73-49.300.
- Gravesteijn, Dirk J.; Steenbergen, Christiaan; Van der Veen, Jan; and Nijssen, Wilhelmus P. M., to U.S. Philips Corporation. Recording element having a pyrylium or thiopyrylium-squarylium dye layer and new pyrylium or thiopyrylium-squarylium compounds. 4,508,811, 4-2-85, Cl. 430-270.000.
- Gravestock, Michael B., to Imperial Chemical Industries PLC. Azolyl:-substituted alicyclic alcohols. 4,503,062, 3-5-85, Cl. 514-383.000.
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  - Dedolph, Richard R., 4,495,310, Cl. 521-99.000.
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- Gravina, Anthony N.; Keitel, Murray; Weiss, Harvey; Wiley, Joseph N.; and Charland, Edmund G., Jr., to Grumman Aerospace Corporation. Combustible vapor detection system. 4,517,161, 5-14-85, Cl. 422-95.000.
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  - Farquhar, Robert L., 4,497,373, Cl. 169-45.000.
- Gravity Guidance, Inc.: *See—*
  - Killen, Robert H., 4,513,961, Cl. 272-62.000.
  - Miller, Jack V., 4,497,314, Cl. 128-75.000.
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  - Miller, Jack V.; and Blosser, Stephen T., 4,529,191, Cl. 272-62.000.
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- Gravley, Mark L.: *See—*
  - Henderson, E. Webb; and Gravley, Mark L., 4,540,560, Cl. 423-445.000.
- Gravure Research Institute, Inc.: *See—*
  - George, Harvey F.; and Toor, Yair, 4,504,354, Cl. 156-639.000.
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- Grawey, Charles E., to Caterpillar Tractor Co. Wheel assembly having self-contained tire mounting capability. 4,534,394, 8-13-85, Cl. 152-396.000.
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  - Gray, Joseph L., 4,534,543, Cl. 254-1.000.
- Gray, Billy C. Carburetor adjustment tool. 4,515,043, 5-7-85, Cl. 81-57.220.
- Gray, Bruce; Soundaranathan, Kasivisvanatha; and VanGieson, Franklin D., to National Semiconductor Corporation. Process for producing CMOS structures with Schottky bipolar transistors. 4,536,945, 8-27-85, Cl. 29-571.000.
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  - Eastman, Robert E., II; and Gray, Dale W., 4,557,243, Cl. 124-88.000.
- Gray, David A.; and Webb, Donald O., to American Standard Inc. Heat exchange coil and method of making. 4,535,838, 8-20-85, Cl. 165-134.00R.
- Gray, Edmund, to Standard Telephones and Cables plc. Ceramic capacitor. 4,539,620, 9-3-85, Cl. 361-275.000.
- Gray, Floyd R.; and Rood, Dennis D., to Otis Engineering Corporation. Well treating equipment and methods. 4,519,451, 5-28-85, Cl. 166-278.000.
- Gray, Frank L., Jr. Picker's aid. 4,491,212, 1-1-85, Cl. 193-7.000.
- Gray, Frederick W., to Colgate-Palmolive Company. Activated peroxy compound bleaching compositions and bleaching detergent compositions and process of using same. 4,522,739, 6-11-85, Cl. 252-95.000.
- Gray, George G., to Raytheon Company. Electrical connector. 4,531,799, 7-30-85, Cl. 339-75.00M.
- Gray, George G., Jr., to Raytheon Company. Apparatus for the automated handling and testing of electronic modules. 4,523,145, 6-11-85, Cl. 324-158.00F.
- Gray, George W.; Lacey, David; Pellatt, Martin G.; and Sturgeon, Bennett, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Liquid crystals esters. 4,542,230, 9-17-85, Cl. 560-01.000.
- Gray, George W.: *See—*
  - Abdullah, Hilal M.; Constant, Jennifer; Gray, George W.; McDonnell, Damien G.; and Toyne, Kenneth J., 4,544,497, Cl. 252-299.500.
  - Andrews, Beatrice M.; Carr, Neil; Gray, George W.; and Hogg, Christine, 4,512,636, Cl. 350-350.00R.
  - Carr, Neil; and Gray, George W., 4,556,745, Cl. 568-632.000.
- Gray, Hamish W. M.: *See—*
  - English, Brian B.; and Gray, Hamish W. M., 4,500,876, Cl. 340-709.000.
- Gray, Henry F.: *See—*
  - Greene, Richard F.; and Gray, Henry F., 4,513,308, Cl. 357-55.000.
- Gray, Hollis L., Jr.: *See—*
  - Crampton, Arthur W.; Gray, Hollis L., Jr.; and Mermelstein, Seymour, 4,499,773, Cl. 73-718.000.
- Gray, James N.: *See—*
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- Gray, Joe B. Method and apparatus for assisting in and facilitating the coupling of a trailer tongue to a vehicle latch. 4,545,595, 10-8-85, Cl. 280-477.000.
- Gray, John D., to Ex-Cell-O Corporation. Mold method and apparatus for multi-color plastic shells. 4,562,025, 12-31-85, Cl. 264-126.000.
- Gray, Joseph L., to Gray Automotive Products Co. Method of elevating a four wheel vehicle utilizing a tiltable support stand. 4,534,543, 8-13-85, Cl. 254-1.000.
- Gray, Keith I.; and Meier, Henry G., to Brown Boveri Electric Inc. High voltage corona shield. 4,506,110, 3-19-85, Cl. 174-144.000.
- Gray, Kenneth P.: *See—*
  - Greever, James E.; and Gray, Kenneth P., 4,547,952, Cl. 29-451.000.
- Gray, Larry O., to Dana Corporation. Ignition current sensor for an electronic speed control system. 4,495,913, 1-29-85, Cl. 123-352.000.
- Gray, Laurence A., to Yale-New Haven Hospital, Inc. Brachytherapy devices and methods employing americium-241. 4,510,924, 4-16-85, Cl. 128-1.200.
- Gray, Leslie M., III, to Airflow Research and Manufacturing Corp. Fan and housing. 4,548,548, 10-22-85, Cl. 416-189.000.
- Gray, Martin D., to Cipher Data Products, Inc. Capstanless magnetic tape drive with electronic equivalent to length of tape. 4,500,965, 2-19-85, Cl. 364-400.000.
- Gray, Matthew H.; and Everett, Robert D., to Hilgraeve, Incorporated. Electronic coin acceptor. 4,538,719, 9-3-85, Cl. 194-100.00A.
- Gray, Michael A., to AT&T Bell Laboratories. Detecting a DC nonlinearity terminating a network. 4,501,935, 2-26-85, Cl. 179-175.000.
- Gray, Michael J.: *See—*
  - Cox, Michael; Gray, Michael J.; and Duke, Phillip W., 4,518,420, Cl. 75-26.000.

- Gray, Ralph C.: *See—*
  - Birkmeyer, William J.; Gray, Ralph C.; Dowbenko, Rostyslaw; Kapp, David C.; VanBuskirk, Ellor J.; and Maska, Rudolf, 4,517,322, Cl. 523-501.000.
- Gray, Randall C.; and Main, W. Eric, to Motorola, Inc. Water-in-fuel sensor circuit and method. 4,517,547, 5-14-85, Cl. 340-59.000.
- Gray, Randall C., to Motorola, Inc. Zener referenced threshold detector with hysteresis. 4,525,638, 6-25-85, Cl. 307-350.000.
- Gray, Randall C.; and Jarrett, Robert B., to Motorola, Inc. Short detection circuit and method for an electrical load. 4,555,742, 11-26-85, Cl. 361-93.000.
- Gray, Reed A.; and Joo, Grant K., to Stauffer Chemical Company. S-n-butyl-N,N-diisopropyl thiocarbamate as a selective herbicide in cotton. 4,509,974, 4-9-85, Cl. 71-100.000.
- Gray, Reed A., to Stauffer Chemical Company. Herbicidal antidotes. 4,554,008, 11-19-85, Cl. 71-83.000.
- Gray, Richard K., to General Motors Corporation. Epoxy bonded rare earth-iron magnets. 4,558,077, 12-10-85, Cl. 523-458.000.
- Gray, Richard K.: *See—*
  - Foister, Robert T.; and Gray, Richard K., 4,544,432, Cl. 156-307.300.
- Gray, Robert A., to Robert Alan Gray Ltd. Easy access knife holder. 4,494,309, 1-22-85, Cl. 30-151.000.
- Gray, Roger P., Jr., to United States of America, Air Force. Method for tuning a phased array antenna. 4,517,570, 5-14-85, Cl. 343-372.000.
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- Gray, Roy A.; and Macdonell, Gary D., to Phillips Petroleum Company. Mercaptohydroxy alkanes. 4,542,241, 9-17-85, Cl. 568-62.000.
- Gray, Stanley: *See—*
  - Wilcock, Donald F.; and Gray, Stanley, 4,527.802, Cl. 277-1.000.
- Gray, Steven G.: *See—*
  - Morgan, Michael J.; and Gray, Steven G., 4,535,540, Cl. 30-358.000.
- Gray, Steven H.: *See—*
  - Crain, Stephen F.; Gray, Steven H.; Arnold, Edward P.; and Dodd, Timothy J., 4,538,221, Cl. 364-172.000.
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- Gray, Thomas J., to Olin Corporation. Reactor containing a methanation catalyst. 4,491,564, 1-1-85, Cl. 422-211.000.
- Gray, Thomas J.; Masse, Norman G.; and Hagstrom, Richard A., to Olin Corporation. Raney nickel catalysis of aromatic amines. 4,503,251, 3-5-85, Cl. 564-450.000.
- Gray, Thomas J.; and Masse, Norman G., to Olin Corporation. Raney nickel alloy expanded mesh hydrogenation catalysts. 4,513,149, 4-23-85, Cl. 564-449.000.
- Gray, Thomas J., to Olin Corporation. Raney alloy coated cathode for chlor-alkali cells. 4,518,457, 5-21-85, Cl. 156-656.000.
- Gray, Thomas W.; and Whitney, Ralph H., to Owens-Illinois, Inc. Tamperproof package. 4,530,437, 7-23-85, Cl. 215-252.000.
- Gray Tool Comany: *See—*
  - Bridges, Charles D., 4,556,076, Cl. 137-72.000.
- Gray Tool Company: *See—*
  - Adamek, Frank C.; Bonds, James V.; and Bridges, Charles D., 4,511,002, Cl. 166-382.000.
  - Bridges, Charles D., 4,540,012, Cl. 137-72.000.
  - Dickson, James; and Hays, Charles, 4,562,090, Cl. 427-34.000.
  - Jennings, Charles E.; Bridges, Charles D.; and King, Warren D., 4,553,589, Cl. 166-53.000.
  - Mitcham, John P.; and Karr, Michael A., Jr., 4,534,235, Cl. 74-128.000.
  - Stewart, Vernon G.; and Adamek, Frank C., 4,552,369, Cl. 277-226.000.
- Gray, Willie C.: *See—*
  - Ivy, Jim S.; and Gray, Willie C., 4,523,403, Cl. 43-17.000.
- Graybeal, Walter C. Manhole closure with a single liquid impervious, two-way gas pressure relief valve. 4,512,492, 4-23-85, Cl. 220-204.000.
- Grayek, Rose M. Knock-down combination handbag and mat and method of making same. 4,516,668, 5-14-85, Cl. 190-2.000.
- Grayhill, Inc.: *See—*
  - Jaklic, Fred, 4,491,703, Cl. 200-16.00D.
- Grays of Cambridge (Pakistan) Limited: *See—*
  - Coolen, Toon, 4,512,573, Cl. 273-67.00A.
- Grayzel, Joseph. Device for analysis of recorded electrocardiogram. 4,550,502, 11-5-85, Cl. 33-1.00B.
- Grazia, Gabrio: *See—*
  - Occhialini, Giorgio; Grazia, Gabrio; and Forlani, Fausto, 4,548,313, Cl. 198-430.000.
- Graziani, Dante J., Jr.: *See—*
  - Dickhart, William W., III; Graziani, Dante J., Jr.; Herring, James M., Jr.; Pavlick, Michael J.; and Renn, Edward J., 4,555,095, Cl. 267-4.000.
- Graziani, Gabriele: *See—*
  - Nardi, Dante; Motta, Gianni; Testa, Rodolfo; Graziani, Gabriele; and Casadio, Silvano, 4,507,308, Cl. 514-313.000.
  - Nardi, Dante; Catto, Alberto; Tajana, Alberto; Cazzulani, Pietro; and Graziani, Gabriele, 4,510,140, Cl. 544-360.000.
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- Graziani, Kenneth R.; and Sapre, Ajit V., to Mobil Oil Corporation. Multi-stage adiabatic process for methanol conversion to light olefins. 4,542,252, 9-17-85, Cl. 585-640.000.
- Graziani, Kenneth R.; and Sapre, Ajit V., to Mobil Oil Corporation. Conversion of methanol to olefins using large size catalyst particles. 4,550,217, 10-29-85, Cl. 585-324.000.
- Grazianski, Thomas: *See—*
  - Baldszun, Karl; Grazianski, Thomas; and Kuhn, Gunther, 4,560,269, Cl. 356-246.000.
- Grazioli, Angel J., to Cameron Iron Works, Inc. Valve and seal therefor. 4,519,412, 5-28-85, Cl. 137-72.000.
- Greafnitz, Russell F.: *See—*
  - Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.
- Grealy, Jennifer M.: *See—*
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- Great Bend Manufacturing Co., Inc.: *See—*
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- Great Lakes Carbon Corporation: *See—*
  - Clark, James M.; and Secrist, Duane R., 4,491,510, Cl. 204-290.00R.
  - Clark, James M.; Secrist, Duane R.; Hardin, Scotty L.; and McEntyre, Stephen C., 4,500,401, Cl. 204-225.000.
  - Joo, Louis A.; Tucker, Kenneth W.; and Webb, Scott D., 4,526,669, Cl. 204-243.00R.
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  - Karagoz, Berch Y.; Turban, Martin M.; Moore, Lyman T.; and Travers, Mark D., 4,513,425, Cl. 373-88.000.
  - Lewallen, Steve F.; Lewis, Billy J.; McIver, James R.; Hoss, Robert E.; and Pierce, Edward W., 4,530,853, Cl. 427-113.000.
  - Secrist, Duane R.; and Clark, James M., 4,495,049, Cl. 204-292.000.
  - Secrist, Duane R.; Clark, James M.; and Landon, Thomas E., 4,541,912, Cl. 204-290.00R.
- Great Lakes Chemical Corporation: *See—*
  - Cole, Leon M., 4,532,330, Cl. 548-311.000.
- Great Neck Saw Manufacturing, Inc.: *See—*
  - Mayes, Daniel J., 4,492,038, Cl. 33-379.000.
- Great Plains Ventures: *See—*
  - Greenlee, Fred S., III, 4,541,520, Cl. 198-372.000.
- Greathouse, Chester K.: *See—*
  - Gardner, Gary L.; and Greathouse, Chester K., 4,557,303, Cl. 144-145.00A.
- Greaves, Brian; and Ingham, Paul, to Dearborn Chemicals Ltd. Process for dispersing particulate material in aqueous systems. 4,559,156, 12-17-85, Cl. 252-82.000.
- Greaves, Milton P., Jr.: *See—*
  - Woodward, Oakley M., Jr.; and Greaves, Milton P., Jr., 4,510,501, Cl. 343-742.000.
- Greaves, Roy A.: *See—*
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- Greb, Wolfgang; Christophliemk, Peter; and Schroder, Christine, to Henkel Kommanditgesellschaft auf Aktien. Antacids containing zeolitic molecular sieves. 4,537,771, 8-27-85, Cl. 424-154.000.
- Grebe, Reiner; Norbisrath, Max; and Schmidt, Karl-Heinz, to Kramer & Grebe GmbH & Co. KG. Process and equipment for continuous cutting of material. 4,520,963, 6-4-85, Cl. 241-30.000.
- Grebenschikov, Anatoly P.: *See—*
  - Sevastyanov, Viktor V.; Furman, Yakov A.; Grebenschikov, Anatoly P.; Lysov, Viktor F.; and Shalnov, Boris N., 4,520,826, Cl. 128-422.000.
- Grebowiec, Thaddeus J., to Brockway-Imco Inc. Blow pin assembly. 4,497,622, 2-5-85, Cl. 425-525.000.
- Grebur, Dennis J.: *See—*
  - Kordomenos, Panagiotis I.; Dervan, Andrew H.; and Grebur, Dennis J., 4,533,534, Cl. 523-436.000.
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  - Kordomenos, Panagiotis I.; Dervan, Andrew H.; and Grebur, Dennis J., 4,554,332, Cl. 525-532.000.
- Grechinsky, Dmitry A.: *See—*
  - Uretsky, Yan S.; Mnekin, Ravil V.; Rygalin, Viktor G.; Grechinsky, Dmitry A.; and Klochko, Viktor A., 4,493,213, Cl. 73-664.000.
- Greci, John J.; and Hoopengardner, Merle C., to Orcon Corporation. Methods and apparatus for locking the facing edges of carpet backings directly together at the seam during a face seaming operation with a hot melt adhesive tape. 4,536,244, 8-20-85, Cl. 156-304.400.
- Grecksch, Hans: *See—*
  - Baltsch, Erwin; Gobbels, Heinz-Dieter; Grecksch, Hans; Lassmann, Manfred; Raasch, Hans; and Schlosser, Helmut, 4,538,408, Cl. 57-263.000.
  - Raasch, Hans; Grecksch, Hans; and Bock, Klaus, 4,496,110, Cl. 242-35.50A.
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- Greco, Alberto; and Bertolini, Guglielmo, to Enichimica Secondaria S.p.A. Polyoxyalkylenediol-α,ω-bisallyl polycarbonate useful as a base for sealants and process for its preparation. 4,518,766, 5-21-85, Cl. 528-370.000.
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  Greten, Ernst, 4,525,315, Cl. 264-40.400.

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  Tsiriggakis, Theodoros, 4,509,388, Cl. 74-650.000.

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Green, Arthur A.; and Black, Robert H. Method for treating the upper layer of a body of water. 4,518,506, 5-21-85, Cl. 210-747.000.

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  Atherton, Paul; Burns, Peter; and Green, Brian N., 4,562,351, Cl. 250-288.000.

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  Green, Alex E. S.; and Green, Bruce A. S., 4,561,364, Cl. 110-347.000.

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  Arimura, Hirofumi; Uemura, Yahiro; and Okuno, Yoshiomi, 4,555,401, Cl. 424-89.000.

  Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.

  Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-317.000.

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  Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.

  Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,534,978, Cl. 514-429.000.

  Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.

  Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,542,147, Cl. 514-411.000.

Green, Cyril: *See—*

  Gestetner, Jonathan; Green, Cyril; and Hanrahan, Thomas, 4,535,690, Cl. 101-127.000.

Green, Dan; and Goldner, Sandor, to Cynex Manufacturing Corporation. Remote control system for a video computer game. 4,531,740, 7-30-85, Cl. 273-148.00B.

Green, David; and Blanc, Maurice, to Societe d'Assistance Technique pour Produits Nestle S.A. Caffeine adsorption. 4,495,210, 1-22-85, Cl. 426-422.000.

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Green, David T., to United States Surgical Corporation. Surgical instruments. 4,520,817, 6-4-85, Cl. 128-305.000.

Green, David T., to United States Surgical Corporation. Surgical fastener applying apparatus. 4,530,453, 7-23-85, Cl. 227-19.000.

Green, David T., to United States Surgical Corporation. Apparatus for ligation and division with fixed jaws. 4,556,058, 12-3-85, Cl. 128-305.000.

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Green, Donald R.: *See—*

  Panayotou, Nicholas F.; Green, Donald R.; and Price, Larry S., 4,562,037, Cl. 376-340.000.

Green, Donald R., Jr.; and Stevens, Charles O., II, to AT&T Bell Laboratories. Single adjustment phase resolver with constant amplitude output. 4,506,231, 3-19-85, Cl. 330-129.000.

Green, Donald R., Jr.; and Moffatt, James P., to AT&T Bell Laboratories. Distortion compensation for a microwave amplifier. 4,532,477, 7-30-85, Cl. 330-149.000.

Green, Edward A., to Eaton Corporation. Self-tensioning motor transmission control system. 4,503,726, 3-12-85, Cl. 74-473.00R.

Green, Frederick A.; and Seedhouse, Frederick A., to Xerox Corporation. Registration mechanism for a multimagnification reproduction apparatus. 4,530,592, 7-23-85, Cl. 355-11.000.

Green, Frederick A.: *See—*

  Seedhouse, Frederick A.; and Green, Frederick A., 4,505,581, Cl. 355-58.000.

Green, Gary J.: *See—*

  Walsh, Dennis E.; and Green, Gary J., 4,515,092, Cl. 110-347.000.

Green, George E., to Ciba-Geigy Corporation. Bonding method employing film adhesives. 4,552,604, 11-12-85, Cl. 156-246.000.

Green, George F.: *See—*

  Spahic, Bojana K.; and Green, George F., 4,552,816, Cl. 428-420.000.

Green, Gregory M.: *See—*

  Johnston, Charles R.; and Green, Gregory M., 4,521,935, Cl. 15-322.000.

Green, Harold V.; Fox, Thomas J.; and Scallan, Anthony M., to Pulp and Paper Research Institute of Canada. Lumen-loaded paper pulp, its production and use. 4,510,020, 4-9-85, Cl. 162-169.000.

Green, Ian M., to EMI Limited. Program storage hardware with security scheme. 4,519,036, 5-21-85, Cl. 364-200.000.

Green, Jacqueline M.; and Numbers, Jody L., to Green, Jacqueline M. Nipple holder. 4,512,489, 4-23-85, Cl. 220-19.000.

Green, James A., II: *See—*

  Young, Donald C.; and Green, James A., II, 4,551,167, Cl. 71-64.100.

Green, James B. P., Jr.: *See—*

  Sherman, Earle C.; and Green, James B. P., Jr., 4,519,181, Cl. 53-374.000.

Green, Jasper L.; and Hackett, Steven B., to Weldtec, Inc. Connecting clamp for builder's scaffolding. 4,525,096, 6-25-85, Cl. 403-49.000.

Green, Jerome J., to Raytheon Company. Dielectric waveguide phase shifter. 4,532,704, 8-6-85, Cl. 29-600.000.

Green, Jerrold D.: *See—*

  LaBarge, Robert L.; Horansky, Frank J.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,510,857, Cl. 100-53.000.

  LaBarge, Robert L.; Pohlenz, Elmer E.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; and Scherf, Thomas W., 4,510,860, Cl. 100-49.000.

  LaBarge, Robert L.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,512,253, Cl. 100-53.000.

  LaBarge, Robert L.; Green, Jerrold D.; Arndt, Eric D.; Horansky, Frank J.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,519,306, Cl. 100-35.000.

  LaBarge, Robert L.; Leftault, Charles J., Jr.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,519,307, Cl. 100-99.000.

  LaBarge, Robert L.; Scherf, Thomas W.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; and Pohlenz, Elmer E., 4,526,096, Cl. 100-53.000.

  LaBarge, Robert L.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,558,775, Cl. 194-4.00C.

Green, Jerry T.; and Beasley, Max M., to Tuftco Corporation. Segmental needle bar for multiple needle tufting machine. 4,519,326, 5-28-85, Cl. 112-79.00R.

Green, John. Flange lock. 4,541,256, 9-17-85, Cl. 70-232.000.

Green, John F.; and Morris, Richard A., to Denyers Pty. Ltd. Operating table. 4,540,165, 9-10-85, Cl. 269-325.000.

Green, John L., to Combustion Engineering, Inc. Differential integral rotary knife control. 4,512,225, 4-23-85, Cl. 83-38.000.

Green, John M.: *See—*

  Fidler, John; and Green, John M., 4,505,202, Cl. 102-357.000.

Green, Joseph, to FMC Corporation. Cyclic phosphine oxides and their use as flame retardants in styrene modified polyphenylene ether resins. 4,503,178, 3-5-85, Cl. 524-116.000.

Green, Joseph: *See—*

  Lee, Fui-Tseng H.; and Green, Joseph, 4,555,562, Cl. 528-72.000.

Green, Joseph W.: *See—*

  Tobin, Patrick L.; Green, Joseph W.; and Lerohl, John A., 4,549,739, Cl. 273-248.000.

Green, Kenneth, to Green, Kenneth; and Thomas, Graham Edward. Rapid breathing, degassing and storage device for wine. 4,512,251, 4-23-85, Cl. 99-472.000.

Green, La Thaggar, III: *See—*

  Scantlebury, Todd V.; Ambruster, Jeanne B.; Bolton, Carl W.; Campbell, Stephen E.; and Green, La Thaggar, III, 4,531,916, Cl. 433-173.000.

Green, Laddie L., to Stauffer Chemical Company. Dichloro ethyl benzyl acetamide herbicide antidote. 4,515,627, 5-7-85, Cl. 71-95.000.

Green, Laddie L., to Stauffer Chemical Company. Herbicide compositions. 4,531,966, 7-30-85, Cl. 71-93.000.

Green, Laurence. Sliding sleeve drum sander. 4,558,538, 12-17-85, Cl. 51-72.00R.

- Green, Lawrence E.; and Morrish, William R. Theft-proof selectively positionable outdoor chair. 4,511,179, 4-16-85, Cl. 297-349.000.
- Green, Lawrence S.: *See—*
  - Meshman, Boris; Kerekes, Thomas A.; Green, Lawrence S.; and Karlinsky, David, 4,550,374, Cl. 364-490.000.
- Green, Linda S.: *See—*
  - Agnew, Palmer W.; Coviello, John S.; Green, Linda S.; and Kellerman, Anne S., 4,509,122, Cl. 364-200.000.
- Green, Lorrence H.; and Roberts, John W., to American Home Products Corporation. Composition and method for detecting Antistreptolysin O. 4,554,248, 11-19-85, Cl. 435-7.000.
- Green, Martin R., to Lever Brothers Company. Method of reducing sebum on the hair and skin. 4,529,587, 7-16-85, Cl. 424-70.000.
- Green, Melvin E., to Advance Process Supply Co. Scoop coater. 4,492,486, 1-8-85, Cl. 401-131.000.
- Green, Michael H.: *See—*
  - Wilson, William C.; and Green, Michael H., 4,511,297, Cl. 412-8.000.
- Green, Michael J., to BP Chemicals Limited. Process for the preparation of formamides. 4,539,427, 9-3-85, Cl. 564-132.000.
- Green, Michael J., to BP Chemicals Limited. Transesterification of esters. 4,559,180, 12-17-85, Cl. 260-463.000.
- Green, Michael J.: *See—*
  - Kreutner, William; Green, Michael J.; Shue, Ho-Jane; and Saksena, Anil K., 4,517,200, Cl. 514-455.000.
- Green, Michael L.: *See—*
  - Crain, Stephen F.; Gray, Steven H.; Green, Michael L.; and Gibson, Ronald A., 4,538,222, Cl. 364-172.000.
- Green, Michael P.: *See—*
  - Wise, Joseph A.; and Green, Michael P., 4,538,024, Cl. 174-117.00F.
- Green, Mickey: *See—*
  - Vitale, Vincent J., 4,551,103, Cl. 434-225.000.
- Green, Morris J. Insulated vent adaptor. 4,530,170, 7-23-85, Cl. 34-82.000.
- Green, Paul M.: *See—*
  - Morrill, David R.; Mason, Mark T.; and Green, Paul M., 4,516,023, Cl. 250-235.000.
- Green, Ralph R.; and Green, Robert C., to Imperial Clevite Inc. Wide pulse range periodic reverse unit. 4,520,281, 5-28-85, Cl. 307-475.000.
- Green, Richard. Trash and garbage compactor. 4,493,251, 1-15-85, Cl. 100-53.000.
- Green, Robert C.: *See—*
  - Green, Ralph R.; and Green, Robert C., 4,520,281, Cl. 307-475.000.
- Green, Robert G.: *See—*
  - Boatright, Donald E., 4,536,177, Cl. 494-44.000.
- Green, Robert H.; and Simon, James D. Splitting wedge for log splitter. 4,522,240, 6-11-85, Cl. 144-193.00E.
- Green, Robert J.; and Hinchcliffe, Dennis, to Molins PLC. Apparatus for forming groups of cigarettes. 4,496,055, 1-29-85, Cl. 209-536.000.
- Green, Robert W.; and Grey, Delton A., Jr., to General Electric Company. Metal-clad laminate construction. 4,499,152, 2-12-85, Cl. 428-448.000.
- Green, Russell D., to Dentsply Research & Development Corp. Utrasonic dental file and method of determining failure resistant lengths thereof. 4,518,356, 5-21-85, Cl. 433-102.000.
- Green, Sara. Electric hair curler with self-contained battery power supply. 4,533,818, 8-6-85, Cl. 219-222.000.
- Green, Sheryll C.: *See—*
  - Hill, Terry E.; Riley, George R.; Linse, Vonne D.; Green, Sheryll C.; and Tack, Paul G., 4,552,298, Cl. 228-2.500.
- Green, William A.; Godfrey, Joe E.; and Pietsch, David S., to Owens-Corning Fiberglas Corporation. Packaged strand. 4,493,464, 1-15-85, Cl. 242-170.000.
- Green, William A.: *See—*
  - Doerr, Richard D.; Muller, J. Joseph; and Green, William A., 4,553,076, Cl. 318-282.000.
- Green, William P.: *See—*
  - Hattan, Mark, 4,543,945, Cl. 126-438.000.
  - Hattan, Mark, 4,545,104, Cl. 29-446.000.
- Greenawalt, Eddie L., to Dow Chemical Company, The. Form, fill and seal machine with hot gas and thermal impulse sealing. 4,512,138, 4-23-85, Cl. 53-451.000.
- Greenawalt, Monte H. Inflatable pillow. 4,501,034, 2-26-85, Cl. 5-441.000.
- Greenawalt, Monte H. Composite pillow. 4,528,705, 7-16-85, Cl. 5-441.000.
- Greenawalt, Thomas A., to Aeroquip Corporation. Flat-face tube connector. 4,529,231, 7-16-85, Cl. 285-342.000.
- Greenberg, Burton L. Method and apparatus for the automatic identification and verification of commercial broadcast programs. 4,547,804, 10-15-85, Cl. 358-142.000.
- Greenberg, Dan. Ejector device and method for producing same. 4,554,956, 11-26-85, Cl. 141-65.000.
- Greenberg, Lawrence J.: *See—*
  - Hyman, Gregory E.; and Greenberg, Lawrence J., 4,551,114, Cl. 446-397.000.
- Greenberg, M. Barry, to Guim Multi-Tech Corporation. Blade terminal fuses with integrity indicator. 4,499,447, 2-12-85, Cl. 337-266.000.
- Greenberg, Mishel; Smyers, William H., Jr.; and Chernack, Milton, to Chesebrough-Pond's Inc. Apparatus for measuring human respiration. 4,499,905, 2-19-85, Cl. 128-727.000.
- Greenberg, Mitchell H. Portable and compactible scale. 4,537,266, 8-27-85, Cl. 177-208.000.
- Greenberg, Paul B.: *See—*
  - Deveau, Paul J.; Greenberg, Paul B.; and Paolillo, Roger E., 4,513,567, Cl. 60-39.020.
- Greenberg, Ronald I.: *See—*
  - Prengaman, Richard J.; Thurber, Robert E.; Phipps, Joe; Greenberg, Ronald I.; Hom, Wai L.; Jaworski, James F.; and Riffle, Guy W., 4,550,318, Cl. 343-5.0PD.
- Greenberg, William H. Chassis and suspension system for vehicles. 4,515,390, 5-7-85, Cl. 280-675.000.
- Greenberger, William, to Hopp Press Inc., The. Interchangeable digital display sign. 4,509,279, 4-9-85, Cl. 40-447.000.
- Greenberger, William, to Hopp Press Inc., The. Shelf molding clip. 4,556,183, 12-3-85, Cl. 248-221.400.
- Greenblatt, Abraham J.; and Kim, Joon S. Adjustable powered nutcracker. 4,526,092, 7-2-85, Cl. 99-575.000.
- Greenblatt, Gordon M. Blood infusion apparatus and method. 4,539,005, 9-3-85, Cl. 604-141.000.
- Greenblatt, Marshal: *See—*
  - Matthews, John C.; Ury, Michael G.; Wood, Charles H.; and Greenblatt, Marshal, 4,532,427, Cl. 250-492.200.
- Greenblatt, Richard W., to Portable Terminal Corp. Portable information display. 4,496,943, 1-29-85, Cl. 340-711.000.
- Greenburg, Jimmy L., to Dover Corporation. Valve with split ring retainer. 4,518,150, 5-21-85, Cl. 251-306.000.
- Greenco Corporation: *See—*
  - Garlapaty, Venkat R., 4,513,997, Cl. 285-242.000.
- Greene, Bettye W.; and Chen, Sun-Lin, to Dow Chemical Company, The. Stable latexes containing phosphorus surface groups. 4,506,057, 3-19-85, Cl. 524-461.000.
- Greene, Carl B., Jr.; and Greene, Carl B., III. Forward entrance, rear exit horse trailer. 4,530,538, 7-23-85, Cl. 296-24.00C.
- Greene, Carl B., III: *See—*
  - Greene, Carl B., Jr.; and Greene, Carl B., III, 4,530,538, Cl. 296-24.00C.
- Greene, Carmine M., to Miles Laboratories, Inc. Ketone control test composition, method and test device. 4,517,301, 5-14-85, Cl. 436-14.000.
- Greene, David A.: *See—*
  - Greene, Paul S.; and Greene, David A., 4,527,366, Cl. 52-184.000.
- Greene, Dennis T.; and Salyers, Glen M. Siding cutter. 4,510,834, 4-16-85, Cl. 83-453.000.
- Greene, Donald F.; and Urban, Virginia L., to Sterling Drug Inc. Hydrogen peroxide disinfecting and sterilizing compositions. 4,518,585, 5-21-85, Cl. 424-130.000.
- Greene, Donald F.; and Urban, Virginia L., to Sterling Drug Inc. Method of disinfecting and sterilizing with hydrogen peroxide compositions. 4,557,898, 12-10-85, Cl. 422-28.000.
- Greene, Eddie A., to Hughes Helicopters, Inc. Drill bit for Kevlar laminates. 4,529,341, 7-16-85, Cl. 408-212.000.
- Greene, Edward E., to United States of America, Air Force. Laminated thermoplastic radome. 4,506,269, 3-19-85, Cl. 343-872.000.
- Greene, Edward S.: *See—*
  - Holland, Scott B.; Greene, Edward S.; Kowalski, David A.; and Strachan, Bruce D., 4,517,832, Cl. 73-118.000.
- Greene, Frederick C.: *See—*
  - Bonzer, Richard C.; and Greene, Frederick C., 4,559,669, Cl. 16-44.000.
- Greene, George J. Liquid-gas contacting apparatus and pump therefor. 4,511,378, 4-16-85, Cl. 55-208.000.
- Greene, Howard P., Jr.: *See—*
  - Clark, Leonard R., Jr.; and Greene, Howard P., Jr., 4,501,569, Cl. 446-458.000.
- Greene, Hugh W.: *See—*
  - Haynes, Kenton L.; Sherer, William P.; Greene, Hugh W.; Holder, James D.; and Roberts, Thomas G., 4,514,684, Cl. 324-120.000.
- Greene, James M.; Lavagnino, Edward R.; Pike, Andrew J.; and Taylor, Edward C., to Eli Lilly and Company. Process for the synthesis of intermediates in the preparation of diaminopyridines. 4,552,967, 11-12-85, Cl. 546-307.000.
- Greene, Janice L.; and Loza, Roman, to Standard Oil Company, The. Preparation of polyamide by contacting diamine, dinitrile, water, dicarboxylic acid. 4,501,881, 2-26-85, Cl. 528-336.000.
- Greene, Janice L.; and Loza, Roman, to Standard Oil Company, The. Preparation of liquid polyamide from dinitrile and diamine. 4,554,345, 11-19-85, Cl. 528-336.000.
- Greene & Kellogg, Inc.: *See—*
  - McCombs, Norman R., 4,509,959, Cl. 55-161.000.
  - McCombs, Norman R., 4,511,377, Cl. 55-163.000.
  - McCombs, Norman R.; and Bansal, Ravinder K., 4,561,865, Cl. 55-25.000.
- Greene, Leonard M., to Safe Flight Instrument Corporation. Aircraft speed control system modified for decreased headwind at touchdown. 4,530,060, 7-16-85, Cl. 364-428.000.
- Greene, Lindsey C.: *See—*
  - DeWitt, Nick; and Greene, Lindsey C., 4,561,671, Cl. 280-404.000.
- Greene, Malbone W.: *See—*
  - Zysman, Lawrence J.; and Greene, Malbone W., 4,545,690, Cl. 374-165.000.
- Greene, Neil E.; and Hanna, Terry J., to Owens-Corning Fiberglas Corporation. Method for forming glass fibers. 4,553,994, 11-19-85, Cl. 65-2.000.
- Greene, Paul S.; and Greene, David A., to Greene Welding and Hardware, Inc. Curvilinear stairway constructions. 4,527,366, 7-9-85, Cl. 52-184.000.

Greene, Peter D.; and Turley, Stephen E. H., to International Standard Electric Corporation. Injection laser manufacture. 4,509,996, 4-9-85, Cl. 148-171.000.

Greene, Reginald S.: *See—*

Spencer, John E.; Greene, Reginald S.; and Fisher, Terrence L., 4,492,443, Cl. 354-121.000.

Greene, Richard. Graphic input apparatus. 4,561,017, 12-24-85, Cl. 358-93.000.

Greene, Richard F., to United States of America, Navy. Heterojunction Schottky gate MESFET with lower channel ridge barrier. 4,499,481, 2-12-85, Cl. 357-22.000.

Greene, Richard F.; and Gray, Henry F., to United States of America, Navy. p-n Junction controlled field emitter array cathode. 4,513,308, 4-23-85, Cl. 357-55.000.

Greene, Richard M., to Solid State Scientific, Inc. Stable rail sense amplifier in CMOS memories. 4,518,879, 5-21-85, Cl. 307-530.000.

Greene, Robert T.: *See—*

Bremer, Gordon; Betts, William L.; and Greene, Robert T., 4,525,846, Cl. 375-39.000.

Greene, Roger E.: *See—*

Sprecker, Mark A.; Belko, Robert P.; and Greene, Roger E., 4,493,790, Cl. 252-522.00R.

Greene, Ted J.; and Irons, George P., to United States Manufacturing Company. Composite orthosis for ankle sprains and the like. 4,517,968, 5-21-85, Cl. 128-80.00H.

Greene, Ted R., to United Security Products, Inc. Electronic panel. 4,500,943, 2-19-85, Cl. 361-383.000.

Greene, Thomas V.: *See—*

Friedes, Albert; Greene, Thomas V.; Idenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., 4,555,594, Cl. 179-18.00B.

Greene, Walter; and Liebke, William R., to United Technologies Corporation. Variable area inlet guide vanes. 4,542,622, 9-24-85, Cl. 60-39.230.

Greene Welding and Hardware, Inc.: *See—*

Greene, Paul S.; and Greene, David A., 4,527,366, Cl. 52-184.000.

Greener, Brian H., to Plibrico Limited. Refractory plastic gunning. 4,535,001, 8-13-85, Cl. 427-180.000.

Greenfield, Charles; Casparian, Robert E.; and Bonanno, Anthony J., to Hanover Research Corporation. Process for removing light oil from solids. 4,518,458, 5-21-85, Cl. 159-47.100.

Greenfield, Richard M., Jr. Ground effect toy. 4,507,096, 3-26-85, Cl. 446-176.000.

Greenhalf, Edward J., to Greenwood Moore Limited. Valve testing. 4,557,136, 12-10-85, Cl. 73-4.00R.

Greenhalgh, Stephen P.: *See—*

Taylor, Richard J.; Kellar, Paul R. N.; and Greenhalgh, Stephen P., 4,543,607, Cl. 358-140.000.

Greenhalgh, Wilbur O., to United States of America, Energy. Detection of free liquid in containers of solidified radioactive waste. 4,501,146, 2-26-85, Cl. 73-290.00B.

Greenhalgh, Wilbur O., to United States of America, Energy. Recoverable immobilization of transuranic elements in sulfate ash. 4,509,978, 4-9-85, Cl. 75-84.10R.

Greenheck, Donald W.; and Anderson, Lowell M., to Westinghouse Electric Corp. Air shutter arrangement for transport refrigeration unit. 4,527,400, 7-9-85, Cl. 62-239.000.

Greenhouse, Robert: *See—*

Muchowski, Joseph M.; and Greenhouse, Robert, 4,505,927, Cl. 514-413.000.

Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,543,361, Cl. 514-422.000.

Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,548,949, Cl. 514-422.000.

Greenlaw, Alfred L. Ejector and method for controlling jet engine noise. 4,516,660, 5-14-85, Cl. 181-296.000.

Greenlee, Donald R.; and Kline, Albert E., to Arrow Oil Tools, Inc. Retrievable well bore packer. 4,530,398, 7-23-85, Cl. 166-123.000.

Greenlee, Fred S., III, to Great Plains Ventures. Right angle transfer conveyor system and a method for transferring articles at a right angle. 4,541,520, 9-17-85, Cl. 198-372.000.

Greenley, Gordon A.: *See—*

Haag, George A.; Fogg, O. Douglas; Greenley, Gordon A.; Shepard, Steve A.; and Terry, F. Duncan, 4,495,599, Cl. 364-900.000.

Greenman, Edwin G.: *See—*

Sheldon, Donald A.; Stokes, Bruce G.; Weber, Robert E.; and Greenman, Edwin G., 4,522,967, Cl. 524-377.000.

Greenquist, Alfred C.: *See—*

Sommer, Ronald G.; and Greenquist, Alfred C., 4,543,335, Cl. 436-69.000.

Greenshields, James N., to Imperial Chemical Industries Limited. Acetals. 4,537,980, 8-27-85, Cl. 549-370.000.

Greenslade, John T.: *See—*

Meggs, Daniel H.; Gross, Herbert G.; and Greenslade, John T., 4,521,835, Cl. 362-183.000.

Greenspan, Donald J. Dispenser. 4,530,447, 7-23-85, Cl. 221-288.000.

Greenspan, George, to American Home Products Corporation. Stimulation of antigen production by *Bordetella pertussis*. 4,551,429, 11-5-85, Cl. 435-68.000.

Greenspan, Jay S.: *See—*

Tower, Steven A.; and Greenspan, Jay S., 4,547,624, Cl. 174-52.0FP.

Greenspan, Stephen B.; and Gupta, Omkarnath R., to International Business Machines Corporation. Cooling system with counter flow of coolant. 4,502,100, 2-26-85, Cl. 361-384.000.

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Dambrackas, William A.; Marshall, Michael B.; Greenstein, Larry S.; and Downie, Alex, 4,494,232, Cl. 370-80.000.

Greenstein, Lawrence J.; and Yeh, Yu S., to AT&T Bell Laboratories. Technique for digital radio space diversity combining. 4,512,034, 4-16-85, Cl. 455-139.000.

Greenstein, Lawrence J.: *See—*

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Greenwald, Brian D.: *See—*

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Greenwald, Edward H., Sr. Process for producing a coal-water mixture. 4,521,218, 6-4-85, Cl. 44-51.000.

Greenwald, Edward H., Sr. Process for removing sulfur and ash from coal. 4,537,599, 8-27-85, Cl. 44-1.0SR.

Greenway, Frank L., III; and Bray, George A. Treatment for selective weight control. 4,525,359, 6-25-85, Cl. 514-653.000.

Greenway, John M., to Milliken Research Corporation. Method for the production of materials having visual surface effects. 4,499,637, 2-19-85, Cl. 26-2.00R.

Greenway, Peter R. Spur equipped boot. 4,524,530, 6-25-85, Cl. 36-113.000.

Greenwell, Joseph D., to R. A. Jones & Co. Inc. Orbital feeder. 4,518,301, 5-21-85, Cl. 414-129.000.

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Greenwood, Christopher J., to Leyland Vehicles Limited. Driveline for regenerative braking. 4,519,485, 5-28-85, Cl. 192-0.033.

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Greenwood, John C., to International Telephone and Telegraph Corporation. Load sensors. 4,503,715, 3-12-85, Cl. 73-862.590.

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Greenhalf, Edward J., 4,557,136, Cl. 73-4.00R.

Greenwood-Smith, Robin, to Mount Isa Mines Limited. Lead-in-air monitor. 4,551,848, 11-5-85, Cl. 378-045.000.

Greenwood, Walter, Jr., to Wisne Automation & Engineering Co. Accumulating conveyor. 4,494,649, 1-22-85, Cl. 198-718.000.

Greenwood, William S., to Thomas & Betts Corporation. Cover for electrical receptacle. 4,504,698, 3-12-85, Cl. 174-66.000.

Greenwood, William S., to Thomas & Betts Corporation. Apparatus for electrical connection of multiconductor cables. 4,521,969, 6-11-85, Cl. 33-180.00R.

Greenwood, William S., to Thomas & Betts Corporation. Electrical connector. 4,558,915, 12-17-85, Cl. 339-97.00C.

Greer, Bradley G., to A & E Systems, Inc. Brake for awning assembly. 4,524,791, 6-25-85, Cl. 135-89.000.

Greer, Carl R., to General Electric Company. Electrical grounding arrangement and method. 4,557,537, 12-10-85, Cl. 339-14.00R.

Greer, Charles B.; Keehan, Donald W.; and Springer, John A., to United States of America, Army. Electronic earth seismic noise measuring method. 4,554,648, 11-19-85, Cl. 367-49.000.

Greer, Charles L., Jr.: *See—*

Ducote, Marjorie E.; and Greer, Charles L., Jr., 4,531,989, Cl. 149-19.200.

Greer, Marian B. Composite material. 4,548,851, 10-22-85, Cl. 428-106.000.

Greer, Michael T., to Wang Laboratories, Inc. Controller for peripheral data storage units. 4,494,196, 1-15-85, Cl. 364-200.000.

Greer, Robert E. Carpenters tool. 4,493,477, 1-15-85, Cl. 254-15.000.

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Ward, Thomas A.; Greer, Stanley T.; Boberski, William G.; and Seiner, Jerome A., 4,529,467, Cl. 156-307.300.

Greer, Terry N. Beverage dispensing apparatus. 4,512,377, 4-23-85, Cl. 141-11.000.

Greeson, Arnold J., to Mead Corporation, The. Ink reconstitution system and method for ink drop printer. 4,555,709, 11-26-85, Cl. 346-1.100.

Greeson, James C., Jr., to International Business Machines Corporation. High frequency pilot. 4,524,352, 6-18-85, Cl. 340-714.000.

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Greever, James E.; and Gray, Kenneth P., to Carrier Corporation. Tube loading apparatus. 4,547,952, 10-22-85, Cl. 29-451.000.

Grefco, Inc.: *See—*

Collins, Albert R., 4,521,182, Cl. 432-13.000.

Grefe, Peter, to Shur-Lok Corporation. Die, platen and joining means for attaching said die to said platen. 4,552,050, 11-12-85, Cl. 83-685.000.

Grega nee Toth, Erzsebet: *See—*

Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.

Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.

Gregg, David P., to Discovision Associates. Process for making a video record disc. 4,500,484, 2-19-85, Cl. 264-107.000.

Gregg, Hans, to Carl Hurth Maschinen- und Zahnradfabrik GmbH & Co. Method and apparatus for automatically exchanging a workpiece in a machine tool. 4,519,733, 5-28-85, Cl. 409-7.000.

Gregg, Hans, to Carl Hurth Maschinen- und Zahnradfabrik GmbH & Co. Method and apparatus for automatically supplying and removing pallets of a pallet magazine to and from the working space of a machine tool. 4,533,034, 8-6-85, Cl. 198-472.000.

Gregg, James R.: *See—*
  Bachmann, Henry C.; Brown, Omar L.; Fraze, Ermal C.; Gregg, James R.; and Wynn, David K., 4,561,280, Cl. 72-346.000.

Gregg, John D. W. Wheel structure with resilient spokes. 4,553,577, 11-19-85, Cl. 152-12.000.

Gregg, Willard W., to General Motors Corporation. Support for collapsible drag reducer. 4,509,786, 4-9-85, Cl. 296-1.00S.

Grego, Giorgio, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Method of and apparatus for continuously monitoring diameter variations of an optical fiber being drawn. 4,523,938, 6-18-85, Cl. 65-2.000.

Grego, Giorgio, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Drum for winding filamentary material. 4,540,130, 9-10-85, Cl. 242-18.00G.

Grego, Giorgio: *See—*
  Coppa, Gianni; and Grego, Giorgio, 4,553,841, Cl. 356-349.000.

Gregoire, Daniel: *See—*
  Bernuchon, Marc; Pompei, Michel; and Gregoire, Daniel, 4,511,126, Cl. 267-140.100.

Gregoire, Dennis: *See—*
  Kambanis, Stamatis M.; Berchem, Antoine; Gregoire, Dennis; and Rybicky, Jaroslav, 4,537,941, Cl. 527-403.000.

Gregoli, Armand A., to Cities Service Company. Method of in-situ hydrogenation of carbonaceous material. 4,501,445, 2-26-85, Cl. 299-2.000.

Gregonis, Donald E.; Stephen, Robert L.; Coleman, Dennis L.; Hunter, Stephen K.; Hanover, Barry K.; and Harrow, Jeffrey J., to University of Utah Research Foundation. Apparatus and methods for minimizing cellular adhesion on peritoneal injection catheters. 4,557,724, 12-10-85, Cl. 604-49.000.

Gregor, Alexander: *See—*
  Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.

Gregor, Barbara; and Huckfeldt, Gebhard, to Huckfeldt & Thorlichen. Sausage. 4,555,408, 11-26-85, Cl. 426-90.000.

Gregor, Heinz-Dieter: *See—*
  Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, 4,527,066, Cl. 250-507.100.
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  Betts, Edmund D.; and Keith, Jon T., 4,507,825, Cl. 17-73.000.

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  Amir, Gideon; and Gregorian, Roubik, 4,521,907, Cl. 381-47.000.

Gregorovich, Charles J.: *See—*
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Gregory, Charles F.: *See—*
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Gregory, Graham W.: *See—*
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Gregory, Jack; and Landry, Christian C., to Digital Equipment Corporation. Tilt swivel base. 4,494,720, 1-22-85, Cl. 248-371.000.

Gregory, Jack T., to Gregory Tool Systems, Inc. Hydraulic log splitter. 4,498,293, 2-12-85, Cl. 60-478.000.

Gregory, Jack T., to Gregory Tool Systems, Inc. Lever operated riveter. 4,520,648, 6-4-85, Cl. 72-391.000.

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Gregory, James H., to Heritage Homes, Inc. Hybrid home construction technique. 4,501,098, 2-26-85, Cl. 52-79.100.

Gregory, James N.: *See—*
  Bodine, Albert G.; and Gregory, James N., 4,522,271, Cl. 175-56.000.

Gregory, John R.; Parks, Gerald; and Dondero, John D., to Gregory, John R. Upper body protector apparatus and method. 4,516,273, 5-14-85, Cl. 2-2.000.

Gregory, Joseph D.; and Budnik, James M., to International Business Machines Corporation. End point detector for a tin lead evaporator. 4,553,853, 11-19-85, Cl. 374-25.000.

Gregory, Kevin M.: *See—*
  Fiorucci, Louis C.; and Gregory, Kevin M., 4,517,164, Cl. 423-184.000.

Gregory, Lee W., to Marvel Specialty Company. Acoustical shield assembly for a sewing machine. 4,509,442, 4-9-85, Cl. 112-261.000.

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Gregory, Paul E., Jr.: *See—*
  King, Mary K.; White, Roger N.; and Gregory, Paul E., Jr., 4,504,977, Cl. 2-51.000.
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Gregory, Willis H. Method and apparatus for efficiently capturing and distributing heat produced by gas logs. 4,502,463, 3-5-85, Cl. 126-121.000.

Grehl, William H., to O. F. Mossberg & Sons, Inc. Gas actuated operating mechanism for autoloading firearm. 4,505,183, 3-19-85, Cl. 89-191.010.

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  Santoni, Cesar, 4,512,700, Cl. 413-4.000.

Greif, Norbert; Oppenlaender, Knut; Hettche, Albert; and Vamvakaris, Christos, to BASF Aktiengesellschaft. Acidic zinc-plating bath. 4,496,439, 1-29-85, Cl. 204-55.00R.

Greiff, Paul: *See—*
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Greig, Robert E. Apparatus for coating a tire tread. 4,515,103, 5-7-85, Cl. 118-218.000.

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Greiner, Donn B. Passive leg exerciser. 4,558,692, 12-17-85, Cl. 128-25.00R.

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  Oberli, Rudolf, 4,526,046, Cl. 73-864.160.

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Greiner, Ulrich; Keil, Karl-Heinz; Heinrich, Rudolf; and Albrecht, Konrad, to Cassella Aktiengesellschaft. Encapsulated salts of acid

- particles wherein the salt particles are surrounded by a polyurethane/polyurea casing. 4,547,429, 10-15-85, Cl. 428-402.240.
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  - Engelhardt, Friedrich; and Greiner, Ulrich, 4,518,745, Cl. 525-326.600.
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  - La Crosse, Frank X.; and Greiner, Waldemar H., 4,542,923, Cl. 285-424.000.
- Greinier, Martin W.: *See*—
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  - Kigasawa, Kazuo; Ohtani, Hideaki; and Kanezuka, Toshiyuki, 4,500,511, Cl. 424-81.000.
  - Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Ichikawa, Keiko; Nakazato, Kikuo; and Okada, Taiji, 4,528,372, Cl. 544-310.000.
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- Grendol, Clark L., to American Optical Corporation. Apparatus and method for injection molding lenses. 4,540,534, 9-10-85, Cl. 264-2.200.
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  - Holter, Heinz; Igelbuscher, Heinrich; Gresch, Heinrich; and Dewert, Heribert, 4,530,817, Cl. 422-122.000.
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  - Asch, Karl; Greschner, Johann; Kallmeyer, Michael; and Kulcke, Werner, 4,520,314, Cl. 324-158.00P.
  - Bohlen, Harald; Engelke, Helmut; Greschner, Johann; and Nehmiz, Peter, 4,504,558, Cl. 430-30.000.
  - Bohlen, Harald; Engelke, Helmut; Greschner, Johann; Muhl, Reinhold; Nehmiz, Peter; and Trumpp, Hans J., 4,513,203, Cl. 250-491.100.
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- Greskovics, Paul: *See*—
  - Chivens, Donald R.; Greskovics, Paul; and Kelm, Edward C., 4,522,221, Cl. 137-118.000.
- Gresley, Ross A.; Leech, Howard E.; and Smock, Alan L., to General Motors Corporation. Solenoid coil wire termination. 4,540,962, 9-10-85, Cl. 335-131.000.
- Greslin, Bernard P.; and Rohmer, Daniel J., to Manufacture de Machines du Haut-Rhin. Automatic apparatus for fitting objects into receptacles. 4,498,234, 2-12-85, Cl. 29-785.000.
- Gress, Josef: *See*—
  - Mehlan, Bernd; and Gress, Josef, 4,509,339, Cl. 62-450.000.
- Gress, Ronald A. Airbrush assembly. 4,508,271, 4-2-85, Cl. 239-305.000.
- Gress, Wolfgang: *See*—
  - Fischer, Herbert; Gorzinski, Manfred; Gress, Wolfgang; Meffert, Alfred; and Wegemund, Bernd, 4,555,564, Cl. 528-295.300.
  - Harth, Hubert; Witthaus, Martin; and Gress, Wolfgang, 4,507,270, Cl. 423-365.000.
- Gresse, Herve R.; and Carn, Annick R., to Compagnie de Materiel de Micrographie C.M.M. Stereoscopic viewer. 4,498,735, 2-12-85, Cl. 350-138.000.
- Gresser, Gerhard: *See*—
  - Dettelbach, Alfred; and Gresser, Gerhard, 4,535,574, Cl. 51-204.000.
  - Dettelbach, Alfred; Gresser, Gerhard; and Einsele, Gerhard, 4,535,965, Cl. 249-83.000.
- Gresser, Herbert D.; and Nussenbaum, Joseph, to Group II Manufacturing Ltd. Creation of a parting zone in a crystal structure. 4,546,231, 10-8-85, Cl. 219-121.0LN.
- Gresser, Robert; and Michel, Max, to Rhone-Poulenc Chimie de Base. Method of producing detergents with lower levels of incrustation of salts on fabrics by incorporating therein only type A zeolite detergent builders having a certain determined rate constant. 4,519,933, 5-28-85, Cl. 252-140.000.
- Gressett, Charles A., Jr.; and Smith, Daniel J., to Fender Musical Instruments Corporation. Electric bass guitar incorporating fine-tuning and string length-adjusting means. 4,549,460, 10-29-85, Cl. 84-298.000.
- Gressett, Charles A., Jr., to Fender Musical Instruments Corporation. Guitar neck incorporating double-action truss rod apparatus. 4,557,174, 12-10-85, Cl. 84-293.000.
- Gressette, Tatum W., Jr. Rotary mixing apparatus. 4,525,070, 6-25-85, Cl. 366-18.000.
- Gretag Aktiengesellschaft: *See*—
  - Ehrat, Kurt, 4,534,195, Cl. 70-316.000.
  - Luscher, Rene, 4,536,083, Cl. 355-40.000.
  - Luscher, Rene, 4,545,675, Cl. 355-76.000.
  - Luscher, Rene, 4,552,029, Cl. 74-96.000.
  - Luscher, Rene, 4,552,285, Cl. 221-13.000.
  - Mast, Fred; and Waser, Rudolf, 4,519,682, Cl. 353-122.000.
  - Ott, Hans; Boegli, Rolf; Birch, Ulrich; Kipphan, Helmut; and Loffler, Gerhard, 4,505,589, Cl. 356-402.000.
- Gretchev, Vladimir, to Delphax Systems. Electrostatic printing apparatus. 4,494,129, 1-15-85, Cl. 346-154.000.
- Greten, Ernst, to GreCon Greten GmbH & Co. KG. Method of correcting irregularities in the built-up of a mat during the manufacture of particleboard. 4,525,315, 6-25-85, Cl. 264-40.400.
- Greth, Erich, to Lonza Ltd. Process for the preparation of 4-alkoxyacetoacetic acid ester. 4,540,808, 9-10-85, Cl. 560-178.000.

Grethe, Horst: *See—*

Panster, Peter; Grethe, Horst; and Kleinschmit, Peter K., 4,552,700, Cl. 556-9.000.

Grether, Paul; Brader, Kurt; and Keller, Bruno, to Sulzer Brothers Limited. Window. 4,545,160, 10-8-85, Cl. 52-172.000.

Grethlein, Hans E.: *See—*

Converse, Alvin O.; and Grethlein, Hans E., 4,556,430, Cl. 127-36.000.

Gretsch-Unitas GmbH: *See—*

von Resch, Julius M., 4,551,945, Cl. 49-221.000.

von Resch, Julius M., 4,557,321, Cl. 165-122.000.

Gretz, Charles, to Life-Like Products, Inc. Model aircraft. 4,494,940, 1-22-85, Cl. 446-61.000.

Gretz, Charles; and Kandel, Gerald J., to Life-Like Products, Inc. Thermally insulated chest. 4,541,540, 9-17-85, Cl. 220-20.000.

Gretz, Ronald D.: *See—*

Thomas, John E.; Gretz, Ronald D.; and Tippins, George W., 4,505,141, Cl. 72-38.000.

Thomas, John E.; Gretz, Ronald D.; and Tippins, George W., 4,537,643, Cl. 148-12.00R.

Greune, Christian; and Kummeke, Heinrich, to MTU Motoren-und Turbinen-Union Munchen GmbH. Apparatus for controlling load distribution and speed of gas speed of gas turbine systems and particularly of gas turbine engines. 4,522,025, 6-11-85, Cl. 60-39.150.

Greune, Christian; and Holzhauer, Hilbert, to MTU Motoren-und Turbinen-Union Munchen GmbH. Apparatus for the displacement of thrust reversers of two jet engines of an airplane. 4,543,783, 10-1-85, Cl. 60-226.200.

Greve, Heinz; and Wahle, Gunter, to Hauni-Werke Korber & Co. KG. Apparatus for applying atomized liquid plasticizer to a running tow of filamentary filter material. 4,510,885, 4-16-85, Cl. 118-674.000.

Greve, James E.: *See—*

Bleeke, William F.; and Greve, James E., 4,503,417, Cl. 338-176.000.

Greven, Hendrik M., to Akzo N.V. Peptides. 4,491,579, 1-1-85, Cl. 424-177.000.

Greverath, Peter H., to Pyles Division. Linear in-line mixing system. 4,522,504, 6-11-85, Cl. 366-339.000.

Grewal, Gurbachan S.: *See—*

Gyi, Ko K.; and Grewal, Gurbachan S., 4,509,251, Cl. 29-603.000.

Gyi, Ko Ko; and Grewal, Gurbachan S., 4,520,555, Cl. 29-603.000.

Grewal, Narinder S.: *See—*

Ambike, Suhas H.; Grewal, Narinder S.; and Blaser, Eric, 4,545,979, Cl. 424-52.000.

Ambike, Suhas H.; Grewal, Narinder S.; and Blaser, Eric, 4,550,018, Cl. 424-52.000.

Grewatta, Heinz: *See—*

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Grewe, Gunter P., to Tervcon Limited. Relay controlled load. 4,507,702, 3-26-85, Cl. 361-161.000.

Grewer, Theodor: *See—*

Hahnle, Reinhard; and Grewer, Theodor, 4,552,699, Cl. 260-404.500.

Grey, Delton A., Jr.: *See—*

Green, Robert W.; and Grey, Delton A., Jr., 4,499,152, Cl. 428-448.000.

Grey, James T., Jr., to Thiokol Corporation. Device for controlled differential flow. 4,500,114, 2-19-85, Cl. 280-742.000.

Grey, Roger A., to Atlantic Richfield Company. Preparation of aldehydes from aryl acid halides and organozinc compounds with complex palladium catalysts. 4,533,754, 8-6-85, Cl. 568-437.000.

Grey, Seymour: *See—*

Parr, Richard S.; Ramachandran, Pallassana N.; Grey, Seymour; and Reinish, Martin D., 4,526,702, Cl. 252-174.250.

Grey, Vincent G. Offshore incineration of hazardous waste materials. 4,552,082, 11-12-85, Cl. 114-26.000.

Greynolds, Fred L.: *See—*

Whiteside, Robert C.; Greynolds, Fred L.; and Arends, Albert W., 4,502,588, Cl. 198-409.000.

Griat, Jacqueline: *See—*

Zabotto, Arlette; and Griat, Jacqueline, 4,534,981, Cl. 514-783.000.

Grib, Boris F., to Philamon, Inc. Motion amplitude regulator with breaking pulse regulation. 4,499,436, 2-12-85, Cl. 331-116.00M.

Gribanov, Dmitry D.: *See—*

Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.

Grichar, Charles N.: *See—*

Day, Roger W.; and Grichar, Charles N., 4,505,591, Cl. 366-134.000.

Grider, Bruce A., to B. F. Goodrich Company, The. Brake apparatus. 4,511,021, 4-16-85, Cl. 188-218.0XL.

Grider, Duane M.; and Daykin, Theodore W., to Ford Motor Company. Throttle body with slidable throttling valve. 4,546,741, 10-15-85, Cl. 123-337.000.

Griebel, Francis J.: *See—*

Endres, Douglas W.; McDaniel, Kenneth D., Jr.; and Griebel, Francis J., 4,537,281, Cl. 182-2.000.

Griebel, Heinrich: *See—*

Kille, Ewald; and Griebel, Heinrich, 4,511,074, Cl. 227-113.000.

Kille, Ewald; and Griebel, Heinrich, 4,550,266, Cl. 310-19.000.

Grieco, Michael J.; and Hale, Laura P., to AT&T Bell Laboratories. Device lithography using multi-level resist systems. 4,532,005, 7-30-85, Cl. 156-661.100.

Grieco, Steven E., to Motorola, Inc. Temperature compensation circuit for oscillator with parabolic characteristic. 4,492,933, 1-8-85, Cl. 331-66.000.

Grieger, Gene R.: *See—*

Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., 4,503,162, Cl. 502-174.000.

Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., 4,521,394, Cl. 423-363.000.

Griego, Deborah B.; Hopping, Joe M.; Rehage, Teddy A.; and Rhodes, John H., Jr., to International Business Machines Corporation. Electronic image registration. 4,538,905, 9-3-85, Cl. 355-14.0SH.

Griemla, Horst: *See—*

Euscher-Klingenhagen, Werner; Griemla, Horst; and Rodekamp, Hartmut, 4,515,285, Cl. 220-288.000.

Griep, Winfried: *See—*

Bergheim, Hans; and Griep, Winfried, 4,530,145, Cl. 29-458.000.

Grier, Jesse G.; and Hodges, Jimmie R. Chromate ion removal from aqueous solutions. 4,525,483, 6-25-85, Cl. 521-28.000.

Grier, Robert K., Jr.: *See—*

Sakash, George; Grier, Robert K., Jr.; Stern, Hansjoerg; Dada, Abdul G.; and McKeel, Daniel W., 4,534,301, Cl. 110-255.000.

Grierson, Robert A. Attachment for sail vehicles to automatically compensate for varying wind pressure. 4,515,100, 5-7-85, Cl. 114-97.000.

Gries, Heinz; and Mutzel, Wolfgang, to Schering Aktiengesellschaft. 3-substituted 2,4,6-trihalogenated benzamides as sweetening agents. 4,522,839, 6-11-85, Cl. 426-548.000.

Gries, Josef: *See—*

Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.

Kubinyi, Hugo; Traut, Martin; and Gries, Josef, 4,500,467, Cl. 514-2.000.

Ostersehlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, 4,514,413, Cl. 514-397.000.

Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, 4,544,562, Cl. 514-247.000.

Griesbach, Heinz: *See—*

Timm, Hans; and Griesbach, Heinz, 4,556,488, Cl. 210-321.100.

Griesdorn, Carl P., to Planet Products Corporation. Sheet forming machine. 4,504,004, 3-12-85, Cl. 226-150.000.

Griesdorn, Carl P.: *See—*

Wile, George J.; and Griesdorn, Carl P., 4,517,893, Cl. 101-123.000.

Griesenbrock, Karl-Heinz; David, Bernd; and Petersen, Carsten, to Jungheinrich Unternehmensverwaltung KG, Firma. Lift truck. 4,506,764, 3-26-85, Cl. 187-9.00E.

Grieshaber, Hermann; and Siebert, Hans-Joachim, to Robert Bosch GmbH. Fuel injection system for direct fuel injection in internal combustion engines. 4,549,511, 10-29-85, Cl. 123-263.000.

Grieshaber, Hermann: *See—*

Flaig, Ulrich; Grieshaber, Hermann; Sieber, Albrecht; and Wietelmann, Jurgen, 4,559,914, Cl. 123-359.000.

Griesser AG: *See—*

Schluep, Rene; and Eisenring, Hugo, 4,530,390, Cl. 160-178.00R.

Griesser, Walter: *See—*

Magg, Alfred; and Griesser, Walter, 4,540,074, Cl. 192-53.00G.

Griesshaber, Karl H.; and Bialo, Charles A., to Ampex Corporation. Camera status and diagnostics display system. 4,507,683, 3-26-85, Cl. 358-185.000.

Griesshammer, Rudolf; Koppl, Franz; Lang, Winfried; Muhlhofer, Ernst; and Schwab, Michael, to Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH. Process for processing waste gases resulting during the production of silicon. 4,515,762, 5-7-85, Cl. 423-337.000.

Griesshammer, Rudolf; and Peterat, Michael, to Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH. Process for removing impurities from silicon fragments. 4,525,336, 6-25-85, Cl. 423-348.000.

Griest, Norman J.: *See—*

Coles, Russell I.; Griest, Norman J.; Marando, Raoul J.; and Suleske, Aaron A., 4,547,164, Cl. 441-84.000.

Grieves, Colin G.: *See—*

Venardos, Dean G.; and Grieves, Colin G., 4,495,056, Cl. 208-11.00R.

Grieves, John: *See—*

Bobjer, Olle; Dahlin, Torsten; and Grieves, John, 4,515,070, Cl. 98-42.070.

Griffey, Donald E., to Zenith Electronics Corporation. Projection TV CRT burn protection. 4,521,720, 6-4-85, Cl. 315-386.000.

Griffie, Terry R.: *See—*

Acharya, Kishore C.; Gilbert, Thomas J.; and Griffie, Terry R., 4,504,909, Cl. 364-414.000.

Griffin, Alan, to Horwood Bagshaw Limited. Agricultural cultivator and tines therefor. 4,502,548, 3-5-85, Cl. 172-705.000.

Griffin, Alan L., to Deutsch Company Electronic Components Division, The. Filter pin electrical connector. 4,494,092, 1-15-85, Cl. 333-182.000.

Griffin, Brian P.: *See—*

Bailey, Derrick S.; Cogswell, Frederic N.; and Griffin, Brian P., 4,508,891, Cl. 528-191.000.

Blundell, David J.; Griffin, Brian P.; and MacDonald, William A., 4,499,256, Cl. 528-172.000.

Griffin, Brian W.: *See—*
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Griffin, Christopher J.; and Oxborrow, Bernard H., to Metal Box p.l.c. Multipacks of containers. 4,501,104, 2-26-85, Cl. 53-48.000.
Griffin, Gladys B. Specimen slide for analysis of liquid specimens. 4,501,496, 2-26-85, Cl. 356-246.000.
Griffin, James G.: *See—*
Nikkanen, John P.; and Griffin, James G., 4,493,184, Cl. 60-204.000.
Griffin, James L., to Illinois Tool Works Inc. Two dimensional optical position indicating apparatus. 4,553,842, 11-19-85, Cl. 356-375.000.
Griffin, James R., to General Electric Company. High-side refrigeration system assembly adapted to be mounted in a refrigerator machinery compartment. 4,490,991, 1-1-85, Cl. 62-279.000.
Griffin, James R.; and White, James A., to General Electric Company. Pre-assembled cooling and air circulating module for a household refrigerator. 4,509,335, 4-9-85, Cl. 62-77.000.
Griffin, Jim B.: *See—*
Ford, Michael B.; and Griffin, Jim B., 4,494,607, Cl. 166-311.000.
Griffin, John R.: *See—*
Garganese, Ugo S.; Griffin, John R.; and Martin, Raymond H., 4,500,289, Cl. 433-54.000.
Martin, Raymond H.; Garganese, Ugo S.; and Griffin, John R., 4,517,043, Cl. 156-196.000.
Griffin, Joseph: *See—*
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Griffin, Kevin J.: *See—*
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Griffin, Larry E.: *See—*
Parker, Richard L.; Swords, Richard J.; and Griffin, Larry E., 4,553,698, Cl. 239-3.000.
Griffin, Michael D.; Gural, John A.; and Lamirande, Donald J., to General Motors Corporation. Valve shaft end float control. 4,509,720, 4-9-85, Cl. 251-308.000.
Griffin, Michael E., to F & M Trading Company. Knife and/or steel storage unit. 4,537,315, 8-27-85, Cl. 211-70.600.
Griffin, Robert B. Method and apparatus for producing visual patterns with lenticular sheets. 4,498,736, 2-12-85, Cl. 350-167.000.
Griffin, Robert F., Jr.: *See—*
Manciocchi, William D., Jr., 4,509,541, Cl. 132-90.000.
Griffin, Robert M.: *See—*
Kimball, Stephen F.; Audesse, Emery G.; and Griffin, Robert M., 4,550,270, Cl. 313-579.000.
Griffin, T. Scott: *See—*
Klayman, Daniel L.; Scovill, John P.; Bartosevich, Joseph F.; Mason, Carl J.; and Griffin, T. Scott, 4,493,930, Cl. 544-360.000.
Griffin, Thomas D.; and Kopala, Peter S. Mass calculating and indicating means for weighing moving vehicles. 4,539,650, 9-3-85, Cl. 364-567.000.
Griffin, William R.: *See—*
Ellis, Wayne F.; Griffin, William R.; and Troutman, Ronald R., 4,542,310, Cl. 307-578.000.
Griffing, Bruce F.: *See—*
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Griffioen, G., to Giovanni Mazza. Potential equalizing apparatus. 4,542,302, 9-17-85, Cl. 307-326.000.
Griffioen, Geurt, to Hommema Van 1825 B.V. Anode element for use in a cathodic protection system. 4,504,375, 3-12-85, Cl. 204-196.000.
Griffis, Patrick D.; and Rindal, Abraham E., to RCA Corporation. Frequency translation phase-locked loop for separate or intercarrier type television sound detection. 4,511,924, 4-16-85, Cl. 358-197.000.
Griffith, Carl D.: *See—*
Clark, Thomas R.; and Griffith, Carl D., 4,551,804, Cl. 364-434.000.
Griffith, Edwin D., to Automated Container Corporation. Composite container. 4,538,758, 9-3-85, Cl. 229-4.500.
Griffith, James B.; and Sanborn, Harold C., to United Technologies Corporation. Method for the manufacture of metal vanes for turbomachinery. 4,531,270, 7-30-85, Cl. 29-156.80B.
Griffith, John M., to Coburn Optical Industries, Inc. Lens tray. 4,494,667, 1-22-85, Cl. 220-19.000.
Griffith, John M.: *See—*
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Griffith, Joseph E.: *See—*
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Griffith, Joseph W., to Tektronix, Inc. Air assisted hand held welding tool. 4,559,437, 12-17-85, Cl. 219-86.210.
Griffith, Louis E., to Power Access Corporation. Automatic wire cutting machine. 4,524,657, 6-25-85, Cl. 83-69.000.
Griffith, Richard A.: *See—*
Ayers, William J., Jr.; Carter, Charles R.; Griffith, Richard A.; Loomis, Richard B.; and Notestein, John E., 4,524,796, Cl. 137-240.000.
Griffith, Ronald C., to Pennwalt Corporation. 1,3,4,6,7-11b-hexahydro-7-phenyl-2H-pyrazino[2,1-a]isoquinolines methods of preparation and use as antidepressants. 4,517,187, 5-14-85, Cl. 514-250.000.
Griffith, Ronald C., to Pennwalt Corporation. 1,2,3,4-tetrahydro-1-aminomethyl-4-phenyl isoquinolines. 4,518,779, 5-21-85, Cl. 546-144.000.
Griffith, Ronald C.; and Kinsolving, Clyde R., to Pennwalt Corporation. Herpes II treatment. 4,537,908, 8-27-85, Cl. 514-659.000.
Griffith, Russell W., to Copeland Corporation. Scroll-type machine. 4,497,615, 2-5-85, Cl. 417-310.000.
Griffith, Vernon D.: *See—*
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Griffith, Wayne C.: *See—*
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Griffiths, Anthony C. M., to Hyman International Limited. Method and apparatus for the continuous upward production of foamed material. 4,504,429, 3-12-85, Cl. 264-40.500.
Griffiths, Anthony J.; and Allen, David W., to Vickers Australia Limited. Mineral processing apparatus. 4,505,811, 3-19-85, Cl. 209-17.000.
Griffiths, David C.: *See—*
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Griffiths, David H.; and Wright, Larry G., to PPG Industries, Inc. Method and apparatus for producing uniform strands from a split fiber glass bushing. 4,546,485, 10-8-85, Cl. 373-28.000.
Griffiths, Edward E. Auto-leveled crane boom man baskets. 4,553,632, 11-19-85, Cl. 182-2.000.
Griffiths, James C., to Gas Research Institute. Pulse combustion deep fat fryer. 4,550,711, 11-5-85, Cl. 126-391.000.
Griffiths, Richard J. M.: *See—*
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Griffiths, Trevor J.: *See—*
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Grigat, Ernst: *See—*
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Griggs, Alvie, Jr., to PeopLoungers, Inc. Reclining chair with push-button actuator mechanism. 4,506,926, 3-26-85, Cl. 297-83.000.
Griggs, Calvin, to Richards Manufacturing Co., Inc. Compression screw assembly. 4,530,355, 7-23-85, Cl. 128-92.0BB.
Griggs, Calvin: *See—*
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Griggs, Colin G., to British Petroleum Company p.l.c., The. Process for the production of ethylene glycol. 4,533,774, 8-6-85, Cl. 568-866.000.
Griggs, Colin G.; and Lodge, Philip G., to British Petroleum Company p.l.c., The. Process for the production of ethanol and/or acetaldehyde by the metal catalysed liquid phase reaction of methanol, carbon monoxide and hydrogen in the presence of a solvent. 4,556,744, 12-3-85, Cl. 568-487.000.
Griggs, Gloria D., to Tip-N-Wrap, Inc. Attaching an artificial nail. 4,552,160, 11-12-85, Cl. 132-73.000.
Griggs, James S.; and Lada-Mocarski, Laura K., to Lada-Mocarski, Laura K. Display case. 4,553,680, 11-19-85, Cl. 220-4.00F.
Griggs, Jerald A.: *See—*
Tung, Lu H.; Lo, Grace Y.; and Griggs, Jerald A., 4,525,532, Cl. 525-98.000.
Griggs, Michael; Acton, Laurence L.; and Hall, Gordon D., to Southern California Gas Co. Method and apparatus for accurate remote monitoring of gases. 4,520,265, 5-28-85, Cl. 250-338.000.
Grignon, Jacques, to Domtar Inc. Hardboard-like panel. 4,514,448, 4-30-85, Cl. 428-68.000.
Grignon, Jean: *See—*
Lelu, Andre; Gonthier, Bruno; Grignon, Jean; and Tauzia, Jean-Michel, 4,536,235, Cl. 149-19.400.
Grigoleit Company, The: *See—*
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Grigoleit, Georg; Oberkobusch, Rudolf; Stadelhofer, Jurgen; and Matern, Kurt, to Rutgerswerke Aktiengesellschaft. Process for the catalytic dehydrogenation of piperidine. 4,523,016, 6-11-85, Cl. 546-252.000.
Grigoriev, Nikita. Convertible furniture. 4,538,308, 9-3-85, Cl. 5-37.00C.
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Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.
Grigorieva, Natalya D.: *See—*
Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., 4,550,113, Cl. 514-290.000.
Grigsby, Robert A., Jr.; Speranza, George P.; Brennan, Michael E.; and Yeakey, Ernest L., to Texaco Inc. Manufacture of polyols and rigid polyurethane foam using thiodialkylene glycols. 4,536,522, 8-20-85, Cl. 521-172.000.
Grigsby, Robert A., Jr.; and Knifton, John F., to Texaco Inc. Process for preparing ethylene glycol and lower monohydric alcohols from syngas using a novel catalyst system. 4,558,072, 12-10-85, Cl. 518-701.000.
Grigsby, Robert A., Jr.: *See—*
Speranza, George P.; and Grigsby, Robert A., Jr., 4,503,197, Cl. 525-437.000.
Speranza, George P.; and Grigsby, Robert A., Jr., 4,526,972, Cl. 546-191.000.
Grill, Benjamin: *See—*
Sturman, Oded E.; Grill, Benjamin; and Harrison, Lynn, 4,501,290, Cl. 137-495.000.

Sturman, Oded E.; Grill, Benjamin; and Harrison, Lynn, 4,516,600, Cl. 137-495.000.

Sturman, Oded E.; Grill, Benjamin; and Harrison, Lynn, 4,541,454, Cl. 137-505.410.

Grill, Milton D. Vehicle door lock assembly. 4,506,527, 3-26-85, Cl. 70-14.000.

Grilli, Walter; De Meo, Franco; and Franchini, Ivan, to Italtractor ITM SpA. Process for high-temperature carburizing treatment of track bushes for tractors or tracked vehicles. 4,495,004, 1-22-85, Cl. 148-16.500.

Grillmeier, Alfred: *See—*

Ritt, Hans-Georg; Luneberg, Hartmut; Mannl, Reinhard; and Grillmeier, Alfred, 4,516,998, Cl. 65-108.000.

Grillo, Susan M.: *See—*

Porter, Stuart C.; Woznicki, Edward J.; Grillo, Susan M.; and D'Andrea, Louis F., 4,556,552, Cl. 424-32.000.

Grillo-Werke AG: *See—*

Glaeser, Wolfgang, 4,548,642, Cl. 75-0.50B.

Grim, Claude: *See—*

Boden, Richard M.; and Grim, Claude, 4,539,143, Cl. 252-522.00R.

Grim, Fay. Polarized signal receiver probe. 4,554,553, 11-19-85, Cl. 343-786.000.

Grim, James W.: *See—*

Todhunter, Gordon R.; and Grim, James W., 4,539,928, Cl. 116-34.00R.

Grima, Jean-Claude; Pando, Bernard; and David, Guy A. J., to U.S. Philips Corporation. Arrangement for re-arranging information for transmitting outgoing time-division multiplexed information obtained from incoming time-division multiplexed information. 4,520,479, 5-28-85, Cl. 370-84.000.

Grimaldi, Guglielmo: *See—*

Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, 4,503,075, Cl. 514-622.000.

Grimberg, Martine; and Berard, Alain, to Thomson-CSF. Digital data processing and storage system especially for a tomodensitometer, and a tomodensitometer equipped with said system. 4,520,442, 5-28-85, Cl. 364-414.000.

Grimbleby, James B.; and Talbot, Christopher G., to National Research Development Corporation. Automatic focusing device with frequency weighted amplification. 4,510,384, 4-9-85, Cl. 250-201.000.

Grime, David A.: *See—*

Pitman, Kelvin G.; Grime, David A.; and Knight, Malcolm R. M., 4,530,246, Cl. 73-799.000.

Grimes, Donald: *See—*

Ronco, Kenneth J.; Sommer, Robert; Nigel, Ken; Grimes, Donald; Zirbes, James A.; and Stacey, Robert E., 4,518,077, Cl. 198-731.000.

Grimes, Fred K., to Lance Austin Enterprises, Inc. Fixture support installation method. 4,494,296, 1-22-85, Cl. 29-432.000.

Grimes, Gary J., to AT&T Information Systems Inc. Frequency and phase comparator with slip detection capability. 4,516,250, 5-7-85, Cl. 375-82.000.

Grimes, Gary J., to AT&T Information Systems Inc. Precision control frequency synthesizer having an unstable, variable frequency input signal. 4,528,521, 7-9-85, Cl. 331-1.00A.

Grimes, Jerry L.: *See—*

Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.

Grimes, John R.: *See—*

Grimes, Philip M.; and Grimes, John R., 4,525,177, Cl. 51-295.000.

Grimes, Philip M.; and Grimes, John R., 4,554,765, Cl. 51-401.000.

Grimes, Michael R.; and Vukovich, William J., to General Motors Corporation. Electronic control for a starting clutch. 4,558,772, 12-17-85, Cl. 192-0.076.

Grimes, Michael R.: *See—*

Vukovich, William J.; and Grimes, Michael R., 4,493,228, Cl. 74-858.000.

Grimes, Patrick G., to Exxon Research & Engineering Co. Method and apparatus for maintaining the pH in zinc-bromine battery systems. 4,540,639, 9-10-85, Cl. 429-17.000.

Grimes, Philip M.; and Grimes, John R. Method of making coated abrasive disc. 4,525,177, 6-25-85, Cl. 51-295.000.

Grimes, Philip M.; and Grimes, John R. Coated abrasive disc. 4,554,765, 11-26-85, Cl. 51-401.000.

Grimes, Richard V.; Harlamert, W. Benjamin; and Thompson, David F., to TRW Inc. Method of fabricating an aircraft propeller assembly with composite blades. 4,524,499, 6-25-85, Cl. 29-156.80B.

Grimhall, Carl G.; and Hoel, Olav, to Tarkett AB. Method of slicing veneer. 4,516,614, 5-14-85, Cl. 144-364.000.

Grimm, Bernard J.: *See—*

Gelbard, Robert B.; Grimm, Bernard J.; and Irish, William D., 4,497,183, Cl. 62-295.000.

Grimm, Dieter, to Degussa Aktiengesellschaft. Insulating housing for a surface temperature thermometer. 4,549,162, 10-22-85, Cl. 338-28.000.

Grimm, Donald C., to Goodyear Tire & Rubber Company, The. Scorch inhibitors for carboxylated rubbers. 4,520,156, 5-28-85, Cl. 524-397.000.

Grimm, Duane H., to Sundstrand Corporation. Narrow tolerance range slip clutch. 4,545,470, 10-8-85, Cl. 192-56.00R.

Grimm, Gerold: *See—*

Kubach, Hans; Kemmner, Ulrich; and Grimm, Gerold, 4,536,731, Cl. 335-272.000.

Grimm, Hans; and Richter, Gunter, to Maschinenfabrik Gehring Gesellschaft mit beschrankter Haftung & Co. Kommanditgesellschaft. Device for controlling reversal points of a reciprocating machining member. 4,504,917, 3-12-85, Cl. 364-474.000.

Grimm, Hans, to Maschinenfabrik Gehring Gesellschaft mit beschrankter Haftung & Co. Kommanditgesellschaft. Grinding apparatus. 4,545,152, 10-8-85, Cl. 51-103.00R.

Grimm, Hans; and Fingerle, Hermann, to Maschinenfabrik Gehring Gesellschaft mit beschrankter Haftung & Co. Kommanditgesellschaft. Device for honing workpieces. 4,551,947, 11-12-85, Cl. 51-34.00H.

Grimm, Helmut: *See—*

Seidel, Adolf; Artzt, Peter; Egbers, Gerhard; Grimm, Helmut; Kunde, Klaus; and Schenek, Anton, 4,546,622, Cl. 66-9.00B.

Grimm, Henry J.: *See—*

Brown, Alfred; Grimm, Henry J.; and Sustek, Alvin J., Jr., 4,491,180, Cl. 166-272.000.

Frazier, Terry L.; Grimm, Henry [illegible] Ro[illegible]ey, John F.; Allen, Richard S.; Brown, Alfred; and M[illegible] Do[illegible]ald S., 4,501,325, Cl. 166-250.000.

Grimm, Hermann; Volz, Wolfgang; Su[illegible] [illegible]ttmar; and Pfeiffer, Martin, to Daimler-Benz Aktiengesellschaft. Rod shaped thermometer and method of making same. 4,560,973, 12-24-85, Cl. 338-28.000.

Grimm, M. Andreas; and Brock, George W., to Verbatim Corporation. Process for creating wear and corrosion resistant film for magnetic recording media. 4,554,217, 11-19-85, Cl. 428-469.000.

Grimm, Maurice, to Ebauches, S.A. Ultra-flat self-winding watch. 4,500,213, 2-19-85, Cl. 368-208.000.

Grimm, Paul J.: *See—*

Convis, Danny B.; Grimm, Paul J.; and Reed, Martin A., 4,550,438, Cl. 382-56.000.

Grimm, Rainer; and Elfen, Adolf, to Rockwell-Golde GmbH; and Franz Kirsten Electrotechnische Spezialfabrik. Hand actuating element for adjustment drives on automobiles. 4,536,829, 8-20-85, Cl. 362-74.000.

Grimm, Thomas H.: *See—*

Kilroy, Eugene J.; Morse, James E.; Grimm, Thomas H.; and DeAnda, Nicholas, 4,522,607, Cl. 446-447.000.

Grimm, Wolfgang; and Schurle, Hermann, to Carl-Zeiss-Stiftung. Method and apparatus for testing lenses. 4,545,678, 10-8-85, Cl. 356-124.000.

Grimm, Wolfgang: *See—*

Goyert, Wilhelm; Grimm, Wolfgang; Awater, Albert; Wagner, Hans; and Kruger, Bruno, 4,500,671, Cl. 524-494.000.

Schurle, Hermann; Grimm, Wolfgang; and Bammert, Hubert, 4,505,683, Cl. 434-365.000.

Grimmer, Horst; and Lunz, Alfred-Gunther, to Diehl GmbH & Co. Escapement for a timer. 4,498,788, 2-12-85, Cl. 368-106.000.

Grimmer, Horst: *See—*

Oellig, Oskar; Grimmer, Horst; and Lunz, Alfred-Gunther, 4,509,864, Cl. 368-108.000.

Grimmer, John E. Compound turbocharger system for an internal combustion engine. 4,496,291, 1-29-85, Cl. 417-247.000.

Grimmer, Paul D.: *See—*

Swiatosz, Edmund; Grimmer, Paul D.; and Sciascia, Rocco M., 4,539,986, Cl. 128-205.130.

Swiatosz, Edmund; and Grimmer, Paul D., 4,547,656, Cl. 219-300.000.

Grimmett, Earl S.: *See—*

Rasmussen, George P.; and Grimmett, Earl S., 4,553,487, Cl. 110-245.000.

Grims, Conrad M., to Adolph Coors Company. Deflectable pin assembly. 4,533,039, 8-6-85, Cl. 198-651.000.

Grimsby, Emerson A., to International Telephone and Telegraph Corporation. Device for stripping insulation from a wire. 4,528,741, 7-16-85, Cl. 29-564.400.

Grimsland, Michael. Method and device for rapidly measuring frequency response of electronic test objects. 4,544,883, 10-1-85, Cl. 324-77.0CS.

Grimsley, Arvid K., to Goodway Tools Corporation. Collapsible laminated tube container and method for making it. 4,526,297, 7-2-85, Cl. 222-107.000.

Grinberg, Grigory M.; Akifiev, Oleg N.; Pytel, Jury A.; Gilev, Anatoly P.; and Paberza, Monika Y., to Institut Organicheskogo Sinteza Akademii Nauk Latviiskoi SSR. Antibacterial pharmaceutical composition. 4,500,516, 2-19-85, Cl. 424-156.000.

Grinberg, Jan; Etchells, Robert D.; Nudd, Graham R.; and Hansen, Siegfried, to Hughes Aircraft Company. Array processor architecture utilizing modular elemental processors. 4,507,726, 3-26-85, Cl. 364-200.000.

Grinberg, Jan; and Hansen, Siegfried, to Hughes Aircraft Company. Modular input-programmable logic circuits for use in a modular array processor. 4,524,428, 6-18-85, Cl. 364-900.000.

Grinberg, Jan; and Little, Michael J., to Hughes Aircraft Company. Liquid crystal pixel driver circuit and matrix display. 4,537,471, 8-27-85, Cl. 350-333.000.

Grinberg, Jan: *See—*

Brown, Roger H.; Chow, Kuen; Goodwin, Norman W.; and Grinberg, Jan, 4,523,067, Cl. 219-10.49R.

Hansen, Siegfried; Grinberg, Jan; and Etchells, Robert D., 4,498,134, Cl. 364-200.000.

Grincell, Ann, executrix: *See—*

DeLuccia, Victor C., deceased; DeLuccia, Nancy, executrix; Grincell, Ann, executrix; and Kolodziejcuk, Henriette, executrix, 4,502,482, Cl. 128-207.150.

Grinde, James E., to Yamaha Hatsudoki Kabushiki Kaisha. Differential planetary gear system for producing complementary levels of forward/reverse drive. 4,497,220, 2-5-85, Cl. 74-792.000.

Grinde, James E. Gauge for indicating quantity of mixture components to be added to a tank. 4,531,293, 7-30-85, Cl. 33-126.70R.

Grinde, James E., to Yamaha Hatsudoki Kabushiki Kaisha. Recreational vehicle with limited differential. 4,561,518, 12-31-85, Cl. 180-215.000.

Grindler, Horst: *See*—

Schutt, Peter; Nitsche, Klaus; Grindler, Horst; and Hofmann, Hans-Joachim, 4,529,365, Cl. 417-313.000.

Grindstaff, Quirinus G.: *See*—

Pavelka, Edwin A.; Grindstaff, Quirinus G.; and Scheppele, Stuart E., 4,540,304, Cl. 403-12.000.

Griner, Paul K.: *See*—

Schuller, James T.; Griner, Paul K.; and Mak, Nai H., 4,512,453, Cl. 194-1.00N.

Schuller, James T.; Smith, Barry L.; and Griner, Paul K., 4,512,454, Cl. 194-1.00D.

Griner, Walter H.: *See*—

Lehtinen, Jukka A.; Karhola, Arvo K.; and Griner, Walter H., 4,558,960, Cl. 384-373.000.

Gringer, Donald. Knife handle for accommodating different adjustable blade types. 4,509,260, 4-9-85, Cl. 30-162.000.

Gringer, Donald; and Soled, Howard, to Allway Tools, Inc. Molded pole-type sandpapering tool having resilient paper retention means. 4,516,360, 5-14-85, Cl. 51-384.000.

Gringer, Donald, to Allway Tools, Inc. Molded pole-type sandpapering tool. 4,516,361, 5-14-85, Cl. 51-392.000.

Gringer, Donald. Scraper hand tool. 4,558,517, 12-17-85, Cl. 30-169.000.

Grinin, Jury A.: *See*—

Sychev, Anatoly P.; Sannikov, Jury I.; Grinin, Jury A.; Polyakov, Ivan P.; and Abdeev, Jury M., 4,519,836, Cl. 75-25.000.

Grinn, James M.: *See*—

Brahm, David J.; Grinn, James M.; Hepler, Edward L.; and Sullivan, John M., 4,494,193, Cl. 364-200.000.

Grinstein, Reuben H.: *See*—

Marcellis, Alphonso W.; Johnson, Grannis S.; and Grinstein, Reuben H., 4,501,594, Cl. 44-51.000.

Grint, Dean R. Protective doorknob encasement device. 4,503,692, 3-12-85, Cl. 70-418.000.

Grinwald, Israel M., to United States of America, Army. Motorized wheels for dolly structures. 4,530,411, 7-23-85, Cl. 180-11.000.

Grinwis, Jack M.: *See*—

Brown, Ronald E.; and Grinwis, Jack M., 4,530,350, Cl. 128-82.000.

Gripenholt, Ninneh; Berggren, Benny; and Boling, Goran, to Q & Q Retreading System AB. Method and apparatus for retreading vehicle tires. 4,536,242, 8-20-85, Cl. 156-96.000.

Gripenholt, Ninneh: *See*—

Berggren, Benny; and Gripenholt, Ninneh, 4,557,775, Cl. 156-96.000.

Berggren, Benny; and Gripenholt, Ninneh, 4,559,093, Cl. 156-96.000.

Griplite, S.L.: *See*—

Lopez Lopez, Julio, 4,527,345, Cl. 36-127.000.

Gripper, Inc.: *See*—

Reneau, Bobby J., 4,523,742, Cl. 254-29.00A.

Gripshover, Ronald J.; and Rinehart, Larry F., to United States of America, Navy. Frozen wave generator jammer. 4,491,842, 1-1-85, Cl. 343-18.00E.

Gris, Yvon; and Monroy, Agustin, to Societe pour l'Etude et la Fabrication de Circuits Integres Speciaux E.F.C.I.S. Method of producing integrated silicon structures on isolated islets of the substrate. 4,561,932, 12-31-85, Cl. 156-643.000.

Grisar, J. Martin; Schnettler, Richard A.; and Dage, Richard C., to Merrell Dow Pharmaceuticals Inc. [1,2-dihydro-4(5)-acyl-2-oxo-2H-imidazol-4(5)-yl] methyl nitrates. 4,526,981, 7-2-85, Cl. 548-321.000.

Grisar, J. Martin: *See*—

Schnettler, Richard A.; Dage, Richard C.; and Grisar, J. Martin, 4,560,700, Cl. 514-423.000.

Grisar, Ulrich: *See*—

Berstermann, Wilhelm; Grisar, Ulrich; and Koerfer, Egon, 4,544,270, Cl. 356-313.000.

Grisbrook, Robert B. Compressors efficiency improvement. 4,492,529, 1-8-85, Cl. 417-242.000.

Grischenko, Nikolai V.: *See*—

Telis, Alexandr I.; Epishin, Pavel P.; Korzhov, Viktor I.; Makarov, Gennady A., Kotlyarenko, Iosif Y.; and Grischenko, Nikolai V., 4,506,143, Cl. 219-497.000.

Grise, Frederick G. J., to Flexwatt Corporation. Electrical heating device. 4,523,085, 6-11-85, Cl. 219-528.000.

Grise, Frederick G. J., to Flexwatt Corporation. Electrical heater. 4,542,285, 9-17-85, Cl. 219-543.000.

Griset, Norman. Guide clamp. 4,490,920, 1-1-85, Cl. 33-443.000.

Griset, Norman. Guide clamp. 4,499,667, 2-19-85, Cl. 33-446.000.

Grisez, William F.: *See*—

Maier, Otto H.; Seifert, James F.; Ryder, John C.; and Grisez, William F., 4,513,853, Cl. 198-410.000.

Grishkov, Andrei M.: *See*—

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I., Kljuchnikov, Valery F.; Birkadze, Dzhemal I., Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Grissom, David: *See*—

Weido, Vincent C.; and Grissom, David, 4,515,010, Cl. 73-151.000.

Griswold, Alexandra F.: *See*—

Griswold, Beth H.; Griswold, Gail E.; and Griswold, Alexandra F., 4,501,559, Cl. 434-154.000.

Griswold, Azel A., to Reeves Brothers, Inc. Process for rapid curing of polyether polyurethane foam. 4,537,912, 8-27-85, Cl. 521-53.000.

Griswold, Beth H.; Griswold, Gail E.; and Griswold, Alexandra F. Basic comprehensive genealogical and family history system of straightline genealogy. 4,501,559, 2-26-85, Cl. 434-154.000.

Griswold, Charles F.; and Christolini, Ben A., Jr., to Union Oil Company of California. Process for staged combustion of retorted oil shale. 4,543,894, 10-1-85, Cl. 110-347.000.

Griswold, Donald G.: *See*—

Ensign, Harold W.; and Griswold, Donald G., 4,496,845, Cl. 290-43.000.

Griswold, Gail E.: *See*—

Griswold, Beth H.; Griswold, Gail E.; and Griswold, Alexandra F., 4,501,559, Cl. 434-154.000.

Gritsch, Herbert, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Sonar method and apparatus. 4,561,076, 12-24-85, Cl. 367-88.000.

Gritsenko, Vladimir A.: *See*—

Eschenko, Vladislav Y.; Musaev, Irsali K.; Talibdzhanov, Zakhidzhan S.; Leonov, Viktor A.; Bobrov, Anatoly D.; Kirovsky, Efim I.; Gritsenko, Vladimir A.; and Golovanov, Alexandr V., 4,500,282, Cl. 431-184.000.

Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., to Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut Pozovaniju Vtorichnykh Energoresursov Predpriyaty Chernoi Metallurgii "Vnipichermetenergoochistka". Cooling arrangement for shaft furnaces. 4,559,011, 12-17-85, Cl. 432-233.000.

Gritter, Roy J.: *See*—

Adams, Gary E.; Casper, John M.; and Gritter, Roy J., 4,552,723, Cl. 422-66.000.

Grittmann, Ernst-Juergen; Weis, Hans-Joachim; and Manzke, Klaus, to BASF Aktiengesellschaft. Device for positioning a scanning head in a drive unit for disk records. 4,527,211, 7-2-85, Cl. 360-109.000.

Grittmann, Gunter: *See*—

Dorsch, Dieter, 4,518,543, Cl. 261-64.00B.

Griz, Peter R. Bowstring-held archery device. 4,539,970, 9-10-85, Cl. 124-90.000.

Grm, Heinz-Gert: *See*—

Baxter, Kern C. A.; and Grm, Heinz-Gert, 4,516,568, Cl. 128-70.000.

GRM Industries, Inc.: *See*—

Jelens, David P., 4,561,224, Cl. 52-207.000.

Groat, Dennis E.; Sell, Richard W.; Kalish, Richard J.; and Melton, Horace E., to Scherer Laboratories, Inc. Method of forming stable dental gel of stannous fluoride. 4,533,544, 8-6-85, Cl. 424-52.000.

Grob & Co. Aktiengesellschaft: *See*—

Graf, Martin, 4,552,185, Cl. 139-91.000.

Grob, Ferdinand, to Robert Bosch GmbH. Apparatus for controlling the air-fuel ratio of an internal combustion engine. 4,526,147, 7-2-85, Cl. 123-440.000.

Grob, Ferdinand: *See*—

Damson, Eckard; Franke, Horst; Grob, Ferdinand; Moser, Winfried; and Muller, Klaus, 4,503,505, Cl. 364-431.080.

Dietz, Hermann; Grob, Ferdinand; Muller, Klaus; and Reber, Harald, 4,532,013, Cl. 204-1.00T.

Grob, Jurgen; and Kalvoda, Jaroslav, to Ciba-Geigy Corporation. Steroids of the 20-spiroxane series, processes for the manufacture thereof, pharmaceutical preparations containing such compounds and the use of the latter. 4,552,871, 11-12-85, Cl. 514-172.000.

Grob, Jurgen; and Kalvoda, Jaroslav, to Ciba-Geigy Corporation. 20-spiroxanes and analogues having an open ring E, processes for their manufacture, and pharmaceutical. 4,559,332, 12-17-85, Cl. 514-175.000.

Grobelny, Damian: *See*—

Galardy, Richard E.; and Grobelny, Damian, 4,558,034, Cl. 514-7.000.

Grobman, William, to Molins Machine Company, Inc. Ink circulation and wash up system for a press. 4,526,102, 7-2-85, Cl. 101-425.000.

Grobner, Paul J.; Bond, Armand P.; and Poznansky, Abraham, to Amax Inc. Fe-Ni-Cr corrosion resistant alloy. 4,547,338, 10-15-85, Cl. 420-584.000.

Grobner, Paul J.: *See*—

Bond, Armand P.; Poznansky, Abraham; and Grobner, Paul J., 4,500,351, Cl. 75-128.00N.

Groce, James S.; and Sabo, Edward A., to General Motors Corporation. Side mounted jump seat for an automotive vehicle. 4,527,828, 7-9-85, Cl. 296-65.00R.

Groch, Mark W.; and Domnanovich, James R., to Siemens Gammasonics, Inc. Heart sound detector and synchronization for diagnostics. 4,546,777, 10-15-85, Cl. 128-715.000.

Groch, Mark W.; and Domnanovich, James R., to Siemens Gammasonics, Inc. Apparatus for monitoring cardiac activity via ECG and heart sound signals. 4,548,204, 10-22-85, Cl. 128-700.000.

Groch, Mark W.; and Domnanovich, James R., to Siemens Gammasonics, Inc. Heart sound detector and cardiac cycle data are combined for diagnostic reliability. 4,549,552, 10-29-85, Cl. 128-700.000.

Grocock, Peter G.: *See*—

Ross, Hugh M.; and Grocock, Peter G., 4,520,645, Cl. 72-250.000.

Grodinsky, Robert. Audio amplifier apparatus with minimum non-linear distortion. 4,500,850, 2-19-85, Cl. 330-307.000.

Groeger, Heinz K.: *See—*
Malthouse, Martin D.; and Groeger, Heinz K., 4,526,645, Cl. 156-350.000.

Groen Division/Dover Corporation: *See—*
Sveds, Paul, 4,491,146, Cl. 137-341.000.

Groeneboer, Hendrik: *See—*
Steinmetz, Anthony; Arnold, Jacobus J.; Verweg, Fransiscus G. C.; and Groeneboer, Hendrik, 4,498,727, Cl. 339-278.00C.

Groeneveld, Christiaan; Knol, Dirk; Verstegen, Johannes D. M.; and Jansen, Jacobus, to Stamicarbon B.V. Process for the preparation of methyl tertiary butyl ether. 4,554,386, 11-19-85, Cl. 568-697.000.

Groeneveld, Marinus: *See—*
van der Voort, Gabriel N. M. M.; and Groeneveld, Marinus, 4,526,849, Cl. 430-57.000.

Groeneveld, Michiel J.; Verver, Albert B.; and Van Swaaij, Willibrordus P. M., to James Howden & Company Limited. Transfer apparatus. 4,535,551, 8-20-85, Cl. 34-170.000.

Groeneveld, Wilbur E.; Kluver, Leroy; and Vincent, Michael T., to New Idea Corporation. Apparatus to slice a large round bale. 4,549,481, 10-29-85, Cl. 100-98.00R.

Groeneweg, Abraham: *See—*
Beckman, Leo H.; and Groeneweg, Abraham, 4,505,561, Cl. 354-123.000.

Groeneweg, Adrianus: *See—*
Hensley, Gary L.; Van Dokkum, Jan; Groeneweg, Adrianus; and Stolk, Gerritt, 4,557,142, Cl. 73-153.000.

Groeneweg, Ronald L. Manure spreader. 4,531,680, 7-30-85, Cl. 239-676.000.

Groenewegen, Willem F. M., to U.S. Philips Corporation. High channel density community antenna arrangement having low intermodulation products. 4,532,543, 7-30-85, Cl. 358-86.000.

Groeschner, Donald L., to Perkin-Elmer Corporation, The. Pneumatic control valve manifold interface. 4,512,362, 4-23-85, Cl. 137-356.000.

Groess, Helmut; and Graeml, Horst, deceased (by Graeml, Edith, administrator), to MTU Motoren-und Turbinen-Union Munchen GmbH. Axial-flow turbine blade, especially axial-flow turbine rotor blade for gas turbine engines. 4,505,639, 3-19-85, Cl. 416-97.00R.

Groethe, Roland E. Method of manufacturing shear blades for shearing hot glass. 4,515,002, 5-7-85, Cl. 72-339.000.

Groetzinger, John K., to PPG Industries, Inc. Method and apparatus for feeding an ablation liquefaction process. 4,529,428, 7-16-85, Cl. 65-27.000.

Groetzinger, John K.: *See—*
Heithoff, Robert B.; Groetzinger, John K.; and Schwenninger, Ronald L., 4,496,387, Cl. 65-335.000.

Grof, Geza J., to James Dole Corporation. Vacuum foam remover. 4,520,528, 6-4-85, Cl. 15-304.000.

Grof, Gyula: *See—*
Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.

Groff, Donald E.: *See—*
Rocci, Joseph D.; Crook, Stephen E.; Kauffman, Marc; and Groff, Donald E., 4,494,111, Cl. 340-533.000.

Groff, Edwin T. Food processing apparatus. 4,536,147, 8-20-85, Cl. 425-323.000.

Groff, James W. Radio-controlled teaching device. 4,493,655, 1-15-85, Cl. 434-351.000.

Grogg, Terry W.; Bugaj, Joseph E.; and Bates, Paul E., to Mallinckrodt, Inc. Process for making lyophilized radiographic imaging kit. 4,510,125, 4-9-85, Cl. 424-1.100.

Grogler, Gerhard; and Kopp, Richard, to Bayer Aktiengesellschaft. Process for the preparation of low molecular weight 4,4′-diphenylmethane-uretdione-diisocyanates. 4,521,338, 6-4-85, Cl. 260-239.00A.

Grogler, Gerhard; Hess, Heinrich; and Kopp, Richard, to Bayer Aktiengesellschaft. Process for the production of stabilized polyisocyanates of retarded reactivity and their use in the production of polyurethanes. 4,546,165, 10-8-85, Cl. 528-53.000.

Grogler, Gerhard: *See—*
Hess, Heinrich; Grogler, Gerhard; and Kopp, Richard, 4,520,186, Cl. 528-73.000.
Kopp, Richard; Grogler, Gerhard; Reiff, Helmut; and Dieterich, Dieter, 4,496,491, Cl. 260-453.0AR.
Rasshofer, Werner; Grogler, Gerhard; Konig, Klaus; and Dieterich, Dieter, 4,540,720, Cl. 521-159.000.

Grognard, Leon L., to Societe Belge d'Exploitation de la Navigation Aerienne (SABENA). Apparatus for the suspension of an aircraft engine cowling. 4,555,078, 11-26-85, Cl. 244-54.000.

Groh, Edward F.; Cassidy, Dale A.; and Lewandowski, Edward F., to United States of America, Energy. Encapsulated fuel unit and method of forming same. 4,500,488, 2-19-85, Cl. 376-409.000.

Groh, Edward F.: *See—*
Hesh, Frank; and Groh, Edward F., 4,534,574, Cl. 279-112.000.

Groh, Reiner: *See—*
Fischer, Peter; Groh, Reiner; and Vahlensieck, Hans-Joachim, 4,506,087, Cl. 556-471.000.

Grohe, Klaus, to Hans Grohe GmbH & Co. KG. Holding device for a shower post. 4,523,734, 6-18-85, Cl. 248-251.000.

Grohe, Klaus; Petersen, Uwe; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. 7-amino-i-cyclopropyl-6,8-difluoro-1,4-dihydro-4-oxo-quinoline-3-carboxylic acids and antibacterial agents containing these compounds. 4,556,658, 12-3-85, Cl. 514-254.000.

Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. 2-amino-8-cyclopropyl-5-oxo-5,8-dihydropyrido[2,3-d]-pyrimidine-6-carboxylic acid compounds. 4,556,709, 12-3-85, Cl. 544-117.000.

Grohe, Klaus: *See—*
Fengler, Gerd; Arlt, Dieter; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,548,934, Cl. 514-225.000.
Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,544,658, Cl. 514-254.000.
Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,547,503, Cl. 514-254.000.
Petersen, Uwe; Grohe, Klaus; Kuhle, Engelbert; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,559,341, Cl. 514-254.000.
Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,559,342, Cl. 514-254.000.

Grohman, Larry F.: *See—*
Wong, Fred S.; and Grohman, Larry F., 4,552,219, Cl. 166-321.000.

Grohmann, Kurt; and Weishaupt, Walter, to Bayerische Motoren Werke Aktiengesellschaft. Process for determination of the stored quantity of operating fluids for automotive vehicles, and circuit for conducting the process. 4,502,124, 2-26-85, Cl. 364-442.000.

Grohmann, Kurt, to Bayerische Motoren Werke AG. System concomitantly controlling passenger compartment and electric auxiliary heating in automatic vehicles. 4,520,258, 5-28-85, Cl. 219-279.000.

Grohmann, Werner: *See—*
Blau, Heinrich; Gortz, Bernd; Grohmann, Werner; Meusel, Wolfgang; Niebergall, Heribert; and Waldmann, Hermann, 4,507,703, Cl. 361-193.000.

Grohn, Michael: *See—*
Bender, Franz; Hertweck, Gernot; Grohn, Michael; and Moser, Peter, 4,495,906, Cl. 123-188.0GC.

Grois, Igor: *See—*
Margolin, Mark; Grois, Igor; Herdeg, Peter K.; and Nijman, John P., 4,515,434, Cl. 350-96.210.

Groiss, Erich: *See—*
Austin, James W.; Bradburn, Ronald G.; Cromwell, Clarence A.; Gratch, Eitan; Groiss, Erich; Perkins, Derek; and Walker, Robert A., 4,500,496, Cl. 423-55.000.

Grolitzer, Marilyn A., to Olin Corporation. Glucoside surfactants. 4,528,106, 7-9-85, Cl. 252-8.55D.

Grolitzer, Marilyn A., to Olin Corporation. Blend of alkyl phenol ethoxylates and alkyl phenol glycoxylates and their use as surfactants. 4,552,673, 11-12-85, Cl. 252-8.55D.

Groll, Manfred; and Ockelmann, Dieter, to Bayer Aktiengesellschaft. Cu-Pc dyestuffs. 4,537,721, 8-27-85, Cl. 260-242.200.

Grollier, Jean F.; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, to L'Oreal. Preparation of anthralin solutions or suspensions in aromatic esters and their use for diseases of the skin and nails. 4,504,494, 3-12-85, Cl. 514-544.000.

Grollier, Jean F., to L'Oreal. Cleaning product for the hair and skin, based on acylisethionates, cationic polymers and salts of fatty acid/-polypeptide condensates. 4,540,507, 9-10-85, Cl. 252-174.230.

Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, to L'Oreal. Anhydrous composition, stable to oxidation, based on anthralin or one of its derivatives, in a carrier consisting of a fatty acid alkyl ester and a thickener, and its use in the treatment of skin diseases. 4,495,203, 1-22-85, Cl. 514-732.000.

Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, to L'Oreal. Composition in the form of a shampoo based on anthralin. 4,513,011, 4-23-85, Cl. 514-730.000.

Grollier, Jean-Francois; Monnais, Christian; and Peritz, Lyonel, to L'Oreal. Process for preparing a hair dye or hair bleach composition; a composition for use in this process; and the use of said composition to dye or bleach hair. 4,555,246, 11-26-85, Cl. 8-405.000.

Grollimund, David J. Folding agricultural implement with structure for locking tool bar sections. 4,529,040, 7-16-85, Cl. 172-311.000.

Grollimund, Everett C., to Philip Morris Incorporated. Lens mount. 4,506,952, 3-26-85, Cl. 350-255.000.

Grollimund, Everett C.; Smick, William H., III; and Brookman, Donald L., to Philip Morris Incorporated. Self-cleaning porosimeter. 4,517,825, 5-21-85, Cl. 73-38.000.

Grollimund, Everett C., to Philip Morris Incorporated. Beam chopper for producing multiple beams. 4,519,680, 5-28-85, Cl. 350-486.000.

Grolsche Bierbrouwerij B.V.: *See—*
Souren, Hubertus J., 4,560,091, Cl. 222-155.000.

Gromak, Stephen C.: *See—*
Palmer, James A.; and Gromak, Stephen C., 4,503,925, Cl. 180-13.000.

Groman, Ernest V.: *See—*
Whitehead, Roy A.; Chagnon, Mark S.; Groman, Ernest V.; and Josephson, Lee, 4,554,088, Cl. 252-62.540.

Groman, James W.: *See—*
Leech, Charles A., III; Rancudo, Thomas J., Jr.; and Groman, James W., 4,505,297, Cl. 137-561.00A.

Gromek, Francis S.; and Haines, William F., Sr., to New Regina Corporation. Two-part handle assembly for electrical appliance. 4,549,779, 10-29-85, Cl. 339-58.000.

Gromelski, Stanley J., Jr.: *See—*
Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., 4,523,004, Cl. 528-76.000.
Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., 4,549,007, Cl. 528-76.000.

Gromenko, Valentin V.: *See—*
Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.;

Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Gromov, Mikhail V.: *See—*

Belykh, Sergei I.; Moschensky, Anatoly D.; Davydov, Anatoly B.; Pershin, Gely G.; Smirnov, Boris A.; and Gromov, Mikhail V., 4,492,226, Cl. 128-92.0BC.

Gromov, Nikolai N.: *See—*

Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.

Gronauer, Thomas W.: *See—*

O'Sullivan, Thomas F.; and Gronauer, Thomas W., 4,522,157, Cl. 122-510.000.

Gronbech, Robert W.; and Lister, Michael, to Davy McKee (Sheffield) Limited. Hydro-mechanical actuator. 4,497,215, 2-5-85, Cl. 74-89.150.

Grondahl, Clayton M., to General Electric Company. Cooling system utilizing flow resistance devices to distribute liquid coolant to air foil distribution channels. 4,531,889, 7-30-85, Cl. 416-96.00R.

Grondalen, Svein, to Moss Rosenberg Verft A/S. Insulation embodiment in a wedge-shaped space between two structural members. 4,509,657, 4-9-85, Cl. 220-436.000.

Grondman, Alexander, to Shell Oil Company. Apparatus for vaporization of a heavy hydrocarbon feedstock with steam. 4,498,629, 2-12-85, Cl. 239-434.500.

Grone, Robert J.; Schnell, Leonard R.; and Vearil, Wayne L., to Cincinnati Milacron Inc. Composite tape laying machine and method. 4,557,783, 12-10-85, Cl. 156-257.000.

Grone, Wolfgang: *See—*

Eckhardt, Erich; Schmitt, Karl; Grone, Wolfgang; and Binev, Binio, 4,553,620, Cl. 180-6.480.

Gronebaum, Theo: *See—*

Biewald, Heinz; Gronebaum, Theo; and Kuper, Hans-Heinrich, 4,545,845, Cl. 156-544.000.

Gronfor, Dennis I., to Land O'Lakes, Inc. Cheese-like product. 4,552,774, 11-12-85, Cl. 426-582.000.

Gronholm, Richard A.: *See—*

Hammer, Joel B.; and Gronholm, Richard A., 4,546,279, Cl. 310-59.000.

Hammer, Joel B.; and Gronholm, Richard A., 4,547,688, Cl. 310-59.000.

Pavlik, Dennis; and Gronholm, Richard A., 4,508,985, Cl. 310-55.000.

Gronholz, Claus; and Schmidt-Rabenau, Hartmut, to Eppendorf Geratebau Netheler & Hinz GmbH. Process for mixing liquid samples to be analyzed, as well as apparatus for performing this process. 4,533,255, 8-6-85, Cl. 366-108.000.

Gronholz, Donald D.: *See—*

Wright, Mervin E.; and Gronholz, Donald D., 4,512,891, Cl. 210-445.000.

Gronle, Hansgeorg: *See—*

Sommer, Horst; and Gronle, Hansgeorg, 4,520,068, Cl. 428-324.000.

Gronnerud, Rolf; and Boe, Einar, to Norsk Hydro a.s. Helical flow heat exchanger having individually adjustable baffles. 4,493,368, 1-15-85, Cl. 165-159.000.

Groom, James S.; and McIntyre, Robert W., to Package Machinery Co. Cartoning method. 4,524,564, 6-25-85, Cl. 53-449.000.

Groom, James S.; and LaFleur, Paul J., Jr., to Pachage Machinery Co. Packaging machine with rotary actuated sealing jaws. 4,537,012, 8-27-85, Cl. 53-552.000.

Groos, Heinz: *See—*

Trost, Nikolaus B.; and Groos, Heinz, 4,549,419, Cl. 72-4.000.

Groose, James E.; and Liu, Paul K. T., to Calgon Corporation. Sublimation of amine compounds on activated carbon pore surfaces. 4,531,953, 7-30-85, Cl. 55-74.000.

Grooten, Hubertus M. J.: *See—*

Kleintjens, Ludovicus A. L.; and Grooten, Hubertus M. J., 4,539,425, Cl. 562-412.000.

Kleintjens, Ludovicus A. L.; and Grooten, Hubertus M. J., 4,547,587, Cl. 562-494.000.

Groothuis, Gerrit J.; de Haan, Atze; Poel, Hendrik; Tietjens, Eduard W.; and de Vries, Jochem J., to U.S. Philips Corporation. Shaving apparatus. 4,510,687, 4-16-85, Cl. 30-34.200.

Grootte Bromhaar, Marinus J.: *See—*

Bloemendal, Berend J.; and Grootte Bromhaar, Marinus J., 4,504,203, Cl. 418-201.000.

Gropelli, John J., Jr.: *See—*

Olesen, Ralph C.; Sainati, Robert A.; Gropelli, John J., Jr.; and Stanland, Andrew J., 4,554,554, Cl. 343-895.000.

Grosbois, Jean; Jacubert, Serge; and Verdier, Jean-Michel, to Rhone-Poulenc Specialites Chimiques. Preparation of silane, SiH_4. 4,499,063, 2-12-85, Cl. 423-347.000.

Grosbois, Jean: *See—*

Bachot, Jean; and Grosbois, Jean, 4,539,085, Cl. 204-98.000.

Grosch, James T., to AT&T Bell Laboratories. Current characteristic shaper. 4,558,272, 12-10-85, Cl. 323-315.000.

Grosch, Peter T. Storage container with movable identification tabs. 4,515,420, 5-7-85, Cl. 312-12.000.

Grosche, Norbert: *See—*

Fanslau, Udo; and Grosche, Norbert, 4,527,829, Cl. 297-17.000.

Groseck, John B., to Honeywell Inc. Locking and extraction mechanism for rack mounted components. 4,501,455, 2-26-85, Cl. 312-215.000.

Groshans, Joseph R.: *See—*

Giardino, David A.; Groshans, Joseph R.; and McHenry, Kenneth A., 4,497,197, Cl. 72-453.170.

Groshong, LeRoy E.; and Brawn, Ronald J., to Catheter Technology Corporation. Method and apparatus for placing a catheter. 4,529,399, 7-16-85, Cl. 604-53.000.

Groshong, LeRoy E.; and Brawn, Ronald J., to Catheter Technology Corporation. Valved two-way catheter. 4,549,879, 10-29-85, Cl. 604-247.000.

Groshong, LeRoy E.; and Brawn, Ronald J., to Catheter Technology Corporation. Apparatus for intravenous therapy and hyperalimentation. 4,559,046, 12-17-85, Cl. 604-282.000.

Grosjean, William C., to Solar Turbines Incorporated. Turbine engines. 4,537,024, 8-27-85, Cl. 60-39.161.

Grospin, Fred E.: *See—*

Gobran, Frederick S.; Grospin, Fred E.; Pittwood, Donald G.; and Shlatz, Myron F., 4,504,723, Cl. 219-85.00F.

Gross, Alexander L.: *See—*

Derderian, Thomas; Frederick, Edward C.; and Gross, Alexander L., 4,535,553, Cl. 36-28.000.

Gross, Benjamin; Haddad, James H.; and Malladi, Madhava, to Mobil Oil Corporation. Method and apparatus for regenerating cracking catalyst. 4,541,921, 9-17-85, Cl. 208-164.000.

Gross, Clifford M., to Hospital for Joint Diseases Orthopedic Institute. Lifting belt. 4,553,551, 11-19-85, Cl. 128-567.000.

Gross, Dan A., to General Electric Company. Optimal field inhomogeneity correction coil operation for NMR magnets. 4,523,166, 6-11-85, Cl. 335-216.000.

Gross, Daniel: *See—*

Prost, Jean-Louis; and Gross, Daniel, 4,535,627, Cl. 73-290.00B.

Gross, Dennis A.: *See—*

Bankier, Jack D.; and Gross, Dennis A., 4,497,694, Cl. 204-16.000.

Gross, Franz; Wahl, Georg; and Nicoll, Andrew R., to BBC Aktiengesellschaft Brown, Boveri & Cie. High-temperature protection layer. 4,537,744, 8-27-85, Cl. 420-446.000.

Gross-Given Manufacturing Company: *See—*

Lotspeich, Joseph A., 4,506,802, Cl. 221-75.000.

Gross, Hans. Driving mechanism for slat curtains. 4,557,159, 12-10-85, Cl. 74-665.0GA.

Gross, Herbert G.: *See—*

Meggs, Daniel H.; Gross, Herbert G.; and Greenslade, John T., 4,521,835, Cl. 362-183.000.

Gross, Horst, to Draiswerke GmbH. Agitator-grinder. 4,496,106, 1-29-85, Cl. 241-46.170.

Gross, Jack R.: *See—*

Nagy, Charles S.; Placke, Dale L.; Gross, Jack R.; and Granzow, Robert H., 4,552,350, Cl. 271-3.000.

Gross, James R., to Dow Chemical Company, The. Phosgene removal process. 4,493,818, 1-15-85, Cl. 423-240.000.

Gross, Jerome: *See—*

Bruns, Romaine R.; and Gross, Jerome, 4,505,855, Cl. 260-123.700.

Gross, John M.: *See—*

Blau, Frederick, Jr.; Gross, John M.; and Vandermeyden, Tom R., 4,522,333, Cl. 236-20.00R.

Gross, Kenny C.; and Laug, Matthew T., to United States of America, Energy. Gas tagging and cover gas combination for nuclear reactor. 4,495,143, 1-22-85, Cl. 376-251.000.

Gross, Kimnaja: *See—*

Mehra-Palta, Asha; and Gross, Kimnaja, 4,550,528, Cl. 47-58.000.

Gross, Laurence H.; and Noshay, Allen, to Union Carbide Corporation. Olefin polymerization catalysts adapted for gas phase processes. 4,560,671, 12-24-85, Cl. 502-105.000.

Gross, Leo: *See—*

Skeist, S. Merrill; and Gross, Leo, 4,514,662, Cl. 315-57.000.

Gross, Rainer: *See—*

Goldmann, Siegfried; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,789, Cl. 546-274.000.

Goldmann, Siegfried; Bossert, Friedrich; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,555,512, Cl. 514-302.000.

Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,537,881, Cl. 514-25.000.

Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.

Gross, Richard A., to Ethyl Molded Products Company. Tampon applicator. 4,498,899, 2-12-85, Cl. 604-16.000.

Gross, Thomas A. O.; Barrett, Raymond L., Jr.; and Pfister, Henry F., to Sensormatic Electronics Corporation. Coil assembly for substantially isotropic flux linkage in a given plane. 4,549,186, 10-22-85, Cl. 343-748.000.

Gross, Thomas A. O.: *See—*

Barrett, Raymond L., Jr.; and Gross, Thomas A. O., 4,519,066, Cl. 370-24.000.

Gross, Tony H. Compact animal feeder trough. 4,554 8[illegible]8, 11-26-85, Cl. 119-53.000.

Gross, Valery N.; and Stupnik, Vyacheslav D., to Institut Molekulyarnoi Biologii Biokhimii Akademii Nauk Kazakhskoi SSR. Apparatus for photometrically scanning gels. 4,534,647, 8-13-85, Cl. 356-344.000.

Gross, William H.; and Sakurai, Tadashi, to National Semiconductor Corporation. Low voltage op amp bias optimizer. 4,499,432, 2-12-85, Cl. 330-296.000.

Gross, Winthrop A., to Tektronix, Inc. High frequency differential amplifier with adjustable damping factor. 4,528,515, 7-9-85, Cl. 330-254.000.

Grossa, Mario; Tigier, Dieter H.; and Weinert, Hubert, to Du Pont de Nemours, E. I., and Company. Process for improving the printing quality of photohardenable reproduction materials. 4,539,287, 9-3-85, Cl. 430-300.000.

Grossar, Francis, to General Instrument Corporation. Force responsive switch. 4,518,835, 5-21-85, Cl. 200-61.45M.

Grossauer, Alfred. Connecting nipple for circumferentially ribbed insulating tubes. 4,513,998, 4-30-85, Cl. 285-308.000.

Grossauer, Alfred, to Agro Ag. Fitting for connecting circumferentially ribbed insulating tubes of plastic. 4,542,922, 9-24-85, Cl. 285-320.000.

Grossbard, Henry. Step-cut stone which has been brilliantized. 4,555,916, 12-3-85, Cl. 63-32.000.

Grossberndt, Hermann, to EJOT Eberhard Jaeger GmbH & Co. KG. Self-tapping screw. 4,544,313, 10-1-85, Cl. 411-411.000.

Grosscurt, Arnoldus C.: *See—*

Brouwer, Marius S.; and Grosscurt, Arnoldus C., 4,550,202, Cl. 564-23.000.

Grosse, Arsene; Harder, Hans E.; and Klietz, Jurgen, to Howmedica International, Inc. Distal aiming device for a locking nail. 4,541,424, 9-17-85, Cl. 128-92.0EB.

Grosse, Burkhard, to Siemens Aktiengesellschaft. Diagnostic radiology system for angiographic X-ray examinations. 4,543,604, 9-24-85, Cl. 358-111.000.

Grosse, Joachim; Hassler, Heinrich; and Tiefel, Gunter, to Siemens Aktiengesellschaft. Device for manufacturing laminated semifinished material. 4,519,234, 5-28-85, Cl. 72-258.000.

Grosse-Scharmann, Franz, to Amazonen-Werke H. Dreyer. Agricultural machine. 4,520,874, 6-4-85, Cl. 172-49.500.

Grossel, Martin C.: *See—*

Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., 4,560,646, Cl. 430-566.000.

Grosser, Frank R.: *See—*

O'Connor, James M.; Scardera, Michael; and Grosser, Frank R., 4,533,485, Cl. 252-156.000.

Grosser, Johannes. Arrangement for optical path length variation. 4,547,041, 10-15-85, Cl. 350-622.000.

Grosser, Werner: *See—*

Bauer, Wolfgang; and Grosser, Werner, 4,510,821, Cl. 74-552.000.

Grosshandler, Sandor: *See—*

Morris, Gregory J. E.; Grosshandler, Sandor; Beaver, Richard N.; Pimlott, John R.; and Dang, Hiep D., 4,560,452, Cl. 204-98.000.

Grosshuesch, Lee V., to Weyerhaeuser Company. Ventilated fruit fly proof produce shipper. 4,513,907, 4-30-85, Cl. 229-23.00R.

Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, to Owens-Corning Fiberglas Corporation. Additives for hot mix asphalt. 4,547,225, 10-15-85, Cl. 106-273.00N.

Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, to Owens-Corning Fiberglas Corporation. Additives for hot mix asphalt. 4,551,178, 11-5-85, Cl. 106-273.00N.

Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, to Owens-Corning Fiberglas Corporation. Additives for hot mix asphalt. 4,554,022, 11-19-85, Cl. 106-273.00N.

Grossi, Giuseppe: *See—*

Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,783, Cl. 252-628.000.

Grossi, Lucio. Device for the water feeding and for the filtering of the coffee infusion in coffee-machines particularly of automatic type. 4,491,063, 1-1-85, Cl. 99-289.00R.

Grossiord, Claude R., to S. T. Dupont. Ball point pen venting. 4,544,297, 10-1-85, Cl. 401-217.000.

Grosskinsky, Otto-Alfred; Frommer, Elmar; Ritz, Josef; Thomas, Erwin; and Weiss, Franz-Josef, to BASF Aktiengesellschaft. Stabilized solutions of hydroxylamine or its salts in water or alcohols, and their preparation. 4,551,318, 11-5-85, Cl. 423-265.000.

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Grosskreuz, Gerhard; and Lassig, Arndt, 4,497,155, Cl. 53-331.500.

Grosskreuz, Gerhard; and Lassig, Arndt, to Grosskreuz Abfulltechnik GmbH. Plug screwing-in device for barrels. 4,497,155, 2-5-85, Cl. 53-331.500.

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Kleinophorst Geb. Schadel, Edith; and Grosskreuz, Gerhard, 4,523,616, Cl. 141-83.000.

Grossler, Peter: *See—*

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Grossman, Arthur, to Charles Stark Draper Laboratory, Inc., The. Controlled heat exchanger system. 4,495,988, 1-29-85, Cl. 165-96.000.

Grossman, Barry G.: *See—*

Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., 4,551,829, Cl. 370-3.000.

Grossman, Bertrand M.: *See—*

Fang, Frank F.; Grossman, Bertrand M.; and Hwang, Wei, 4,532,698, Cl. 29-571.000.

Grossman, Harvey L., to Forms & Surfaces. Door pull mounting and locking assembly. 4,499,629, 2-19-85, Cl. 16-111.00R.

Grossman, Jack J., to McDonnell Douglas Corporation. Radiation dispersing cavities. 4,551,628, 11-5-85, Cl. 250-503.100.

Grossman, Leonard N.: *See—*

Schoenig, Frederick C., Jr.; Grossman, Leonard N.; Lai, Ching C.; Masaitis, William; and Canada, Robert O., 4,496,056, Cl. 209-539.000.

Grossman, Mark W.; George, William A.; and Pai, Robert Y., to GTE Products Corporation. Method and apparatus for dispensing small quantities of mercury from evacuated and sealed glass capsules. 4,534,742, 8-13-85, Cl. 445-9.000.

Grossman, Mark W.: *See—*

Bouchard, Andre C.; and Grossman, Mark W., 4,560,357, Cl. 445-26.000.

Grossman, Robert J., to United States of America, Energy. High resolution in situ ultrasonic corrosion monitor. 4,539,846, 9-10-85, Cl. 73-579.000.

Grossman, Stanley J. Composite, pre-stressed structural member and method of forming same. 4,493,177, 1-15-85, Cl. 52-745.000.

Grossman, Steven J.; and Onder, Kemal, to Upjohn Company, The. Anionic polymerization of lactam with azetidine-2,4-dione promoter. 4,518,765, 5-21-85, Cl. 528-314.000.

Grossman, Steven J.: *See—*

Dai, Shenghong A., Grossman, Steven J.; and Onder, Kemal, 4,550,157, Cl. 528-322.000.

Grossman, Walter B.: *See—*

Kostanty, Raymond G.; Sciabbarrasi, Michael; and Grossman, Walter B., 4,524,461, Cl. 455-79.000.

Grossmann, Frederic; and Sims, Larry A., to American Hospital Supply Corporation. System and method for bandaging a patient. 4,545,371, 10-8-85, Cl. 128-132.00D.

Grossmann, Horst, to Black & Decker Inc. Latching arrangement for power tools. 4,506,743, 3-26-85, Cl. 173-48.000.

Grossmann, Horst; Herting, Rainer; and Kaiser, Horst, to Black & Decker Inc. Indexing arrangement for the table of a chop saw. 4,559,857, 12-24-85, Cl. 83-471.300.

Grossmann, Max; and Helwerth, Rainer, to Hoechst Aktiengesellschaft. Water-soluble lubricant. 4,539,128, 9-3-85, Cl. 252-49.300.

Grossmann, Udo: *See—*

Rohde, Gunter; Holzinger, Dieter; and Grossmann, Udo, 4,546,930, Cl. 242-56.00R.

Grossner, Horst: *See—*

Weiger, Gunter; Schwerdt, Paul; and Grossner, Horst, 4,531,706, Cl. 251-25.000.

Grosso, Roberto; and Hamilton, Tom P., to Vesuvius International Corporation. Opening for injecting a protective gas into a casting tube. 4,519,438, 5-28-85, Cl. 164-415.000.

Grossstuck, Werner; and Schafer, Rainer, to NUSTEP Trenndusen Entwicklungs- und Patentverwertungsgesellschaft mbH & Co. KG. Element for separating gaseous isotopes into at least two fractions and with a separating basket consisting of several separating elements. 4,528,007, 7-9-85, Cl. 55-395.000.

Grosswendt, Werner: *See—*

Boeder, Dieter; and Grosswendt, Werner, 4,558,645, Cl. 102-489.000.

Seidensticker, Jens; and Grosswendt, Werner, 4,557,437, Cl. 244-3.210.

Grosvenor, Victor L.: *See—*

Wong, Boon; Morel, Don L.; and Grosvenor, Victor L., 4,531,015, Cl. 136-258.000.

Grosz, Edward G.; and Herrington, F. John, to Mobil Oil Corporation. Universal dancer speed control. 4,527,751, 7-9-85, Cl. 242-75.510.

Grosz, Friedrich: *See—*

Sarig, Yoav; Regev, Yitzhak; and Grosz, Friedrich, 4,530,278, Cl. 99-547.000.

Grot, Walther G.; Rivers, Joseph T.; and Silva, Raimund H., to Du Pont de Nemours, E. I., and Company. Protective clothing of fabric containing a layer of highly fluorinated ion exchange polymer. 4,518,650, 5-21-85, Cl. 428-286.000.

Grot, Walther G.; Molnar, Charles J.; and Resnick, Paul R., to Du Pont de Nemours, E. I., and Company. Fluorinated ion exchange polymer containing carboxylic groups, process for making same, and film and membrane thereof. 4,544,458, 10-1-85, Cl. 204-98.000.

Grote & Hartmann GmbH & Co. KG: *See—*

Brandstater, Manfred; and Konnemann, Alfred, 4,553,126, Cl. 338-319.000.

Konnemann, Alfred; and Ehrenberg, Jorgen, 4,540,234, Cl. 339-259.00R.

Lolic, Srboslav, 4,540,235, Cl. 339-259.00F.

Groteke, Daniel E. Apparatus for filtration of molten metal. 4,504,392, 3-12-85, Cl. 210-471.000.

Groth, Edward J., Jr., to Motorola, Inc. Multiple channel data link system. 4,494,238, 1-15-85, Cl. 375-1.000.

Groth, Hugh F., to Regina Corporation. Tank unit for cleaning devices. 4,558,484, 12-17-85, Cl. 15-320.000.

Groth, Hugh F., to Regina Corporation. Spotting control and trigger assembly. 4,558,823, 12-17-85, Cl. 239-413.000.

Groth, Hugh F.: *See—*

Duncan, L. Scot; Groth, Hugh F.; and Basile, Peter A., 4,559,666, Cl. 15-353.000.

Groth, Rolf; and Muller, Dieter, to Flachglas Aktiengesellschaft. Method of coating a transparent substrate. 4,497,700, 2-5-85, Cl. 204-192.00P.

Grothaus, John F. Eyeglass display apparatus. 4,558,788, 12-17-85, Cl. 211-13.000.

Grothe, Steven P., to Sperry Corporation. Variable refresh rate for stroke CRT displays. 4,511,892, 4-16-85, Cl. 340-739.000.

Grothe, Wolfgang: *See—*

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Grotloh, Karl H., to Sulzer Brothers Limited. Pressure medium actuated valve. 4,552,330, 11-12-85, Cl. 251-30.010.

Grotnes Metalforming Systems, Inc.: *See—*

Fencl, Vernon R., 4,559,482, Cl. 318-50.000.

Tan, Archie; and Fencl, Vernon R., 4,562,326, Cl. 219-59.100.

Grotta, Henry M., to Buffalo Color Corporation. Method for purifying cresidine sulfonic acid by resin extraction. 4,559,182, 12-17-85, Cl. 260-509.000.
Grotz, Bernard J., to C F Braun & Co. Temperature controlled ammonia synthesis process. 4,510,123, 4-9-85, Cl. 423-360.000.
Grotz, Bernard J.; Parnkopf, Fiske O.; and Prescott, G. Robert, to C F Braun & Co. Ammonia converter. 4,554,135, 11-19-85, Cl. 422-148.000.
Groult, Alain; and Samec, Jean, to Colgate-Palmolive Company. Detergent dish-washing composition. 4,501,681, 2-26-85, Cl. 252-174.120.
Group II Manufacturing Ltd.: *See—*
  Gresser, Herbert D.; and Nussenbaum, Joseph, 4,546,231, Cl. 219-121.0LN.
Groupement d'Interet Economique dit: Centre International de Recherches Dermatologiques C.I.R.D.: *See—*
  Shroot, Braham; and Maignan, Jean, 4,548,942, Cl. 514-301.000.
  Shroot, Braham; Maignan, Jean; and Lang, Gerard, 4,558,069, Cl. 514-473.000.
Grouse, Alan F.: *See—*
  Brown, Fred A.; and Grouse, Alan F., 4,506,218, Cl. 324-158.0MG.
  Brown, Fred A.; and Grouse, Alan F., 4,553,075, Cl. 318-254.000.
Groutage, Frederick D.; Conjerti, Samuel N.; and Shaw, Lockburn S., to United States of America, Navy. Pivotal mono wing cruise missile with wing deployment and fastener mechanism. 4,493,136, 1-15-85, Cl. 24-573.000.
Grovalet, Yves: *See—*
  Bordet, Rene; Grovalet, Yves; Caudron, Lionel; and Diver, Marius, 4,555,881, Cl. 52-167.000.
Grove, Arthur W.: *See—*
  Barsotti, Rudolf H.; and Grove, Arthur W., 4,509,007, Cl. 324-60.00C.
Grove, Clinton E.; and Golberg, Jeffery O., to Niwot Corporation. Covering for rotating flexible axle joints. 4,558,869, 12-17-85, Cl. 277-1.000.
Grove, David E.: *See—*
  Booker, David F.; Grove, David E.; Cotterill, Phillip J.; and Tyson, Robert G., 4,503,255, Cl. 568-17.000.
Grove, John A.; and Grove, John W., to United States Steel Corporation. Adjustable insert for twin casting. 4,546,813, 10-15-85, Cl. 164-420.000.
Grove, John L.; Hockensmith, John L.; and Coffman, Allen B., to JLG Industries, Inc. Vehicle suspension and steerage system. 4,534,575, 8-13-85, Cl. 280-6.110.
Grove, John W.: *See—*
  Grove, John A.; and Grove, John W., 4,546,813, Cl. 164-420.000.
Grove, Leslie W., Jr. Meter vault cover with externally visible register. 4,539,844, 9-10-85, Cl. 73-201.000.
Grove, Leslie W., Jr. Universal support for meters. 4,549,751, 10-29-85, Cl. 285-30.000.
Grove Medical Supply, Inc.: *See—*
  White, Daniel S.; and Nave, Jerald L. (said Jerald L. Nave assors. to), 4,520,811, Cl. 128-203.110.
Grove, Richard W.: *See—*
  Bryan, Larry E.; Grove, Richard W.; and Primus, William F., 4,525,914, Cl. 29-402.080.
Grove Valve and Regulator Company: *See—*
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  Ledeen, Howard L.; and Ledeen, William P., 4,540,025, Cl. 137-625.320.
Grover, Donald D., to Snap-on Tools Corporation. Dual engine probe. 4,493,208, 1-15-85, Cl. 73-117.300.
Grover, Donald D.: *See—*
  Olson, Gene E.; Stout, Christopher B.; Grover, Donald D.; and Becker, Thomas P., 4,506,546, Cl. 73-119.00A.
Grover, Jeffrey M.; and Williams, Luanne S., to United States of America, Energy. Mechanically attached load pad for liquid metal nuclear reactor fuel assemblies. 4,543,233, 9-24-85, Cl. 376-446.000.
Grover, Kent B., to Lubrizol Corporation, The. Method for cooling internal combustion engine with an oleaginous coolant fluid composition. 4,528,108, 7-9-85, Cl. 252-75.000.
Grover, William E.; and Bruce, Anthony R., to Grover, William E. Copier apparatus. 4,525,064, 6-25-85, Cl. 355-75.000.
Groves, Christopher K.; Duncan, Kevin; and Darwall, Edward C. D., to Mitel Corporation. Integrated circuit planarizing process. 4,523,975, 6-18-85, Cl. 156-643.000.
Groves, George D., to B. & G. Consultants, Inc. Integral vegetation barrier. 4,515,349, 5-7-85, Cl. 256-1.000.
Groves, Kenneth O.: *See—*
  Haschke, Elliot M.; Gimber, Gerald A.; and Groves, Kenneth O., 4,532,024, Cl. 208-11.0LE.
  Nankee, Robert J.; Vivian, Thomas A.; and Groves, Kenneth O., 4,543,364, Cl. 521-40.000.
Groves, Michael R., to Coulter Electronics, Inc. Cell breakdown. 4,525,666, 6-25-85, Cl. 324-71.100.
Groves, Michael R.; and Rodriguez, Carlos M., to Coulter Electronics, Inc. High and low frequency analysis of osmotic stress of cells. 4,535,284, 8-13-85, Cl. 324-71.100.
Groves, Oliver J.: *See—*
  Oakley, David J.; and Groves, Oliver J., 4,558,982, Cl. 414-288.000.
Groves, William A.: *See—*
  Probst, Robert L.; and Groves, William A., 4,557,376, Cl. 206-219.000.
Grow, Arthur L.; Gregorovich, Charles J.; and Seyfried, Donald N., to Minster Machine Company, The. Cam actuated ejector for a shell press. 4,513,600, 4-30-85, Cl. 72-345.000.
Grow, Arthur L.; Gregorovich, Charles J.; and Seyfried, Donald N., to Minster Machine Company, The. Air transfer system and method for a shell press. 4,554,814, 11-26-85, Cl. 72-345.000.
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  Hemmelgarn, Donald J.; and Grow, Arthur L., 4,534,725, Cl. 425-394.000.
Grow, Carolyn P.: *See—*
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Grow Group, Inc.: *See—*
  Kivel, Daniel M.; and Weber, Gerhard M., 4,537,926, Cl. 524-388.000.
  Liebermann, Benno E., 4,491,250, Cl. 222-386.500.
Grow, Harlow B. Internal combustion heat engine. 4,538,567, 9-3-85, Cl. 123-305.000.
Grow, Harlow B. Internal combustion heat engine and cycle therefor. 4,545,346, 10-8-85, Cl. 123-305.000.
Grow, Robert M., to Burroughs Corporation. Bandwidth allocation in a token controlled loop communications network. 4,538,147, 8-27-85, Cl. 340-825.050.
Growney, Lawrence J.: *See—*
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Grozinger, Wilhelm: *See—*
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Grubb, Daniel B.; and Hughes, Donald W. K., to AMP Incorporated. Applicator for installing two part connector assemblies in cables. 4,549,343, 10-29-85, Cl. 29-33.00M.
Grubb, Eugene L.; and Matrick, Howard, to Du Pont de Nemours, E. I., and Company. Process of preparing toner treated with polymeric quaternary ammonium salt and slip agent. 4,547,457, 10-15-85, Cl. 430-449.000.
Grubb, James R., to Tetra Systems, Inc. Oil mining configuration. 4,502,733, 3-5-85, Cl. 299-2.000.
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Gruber, Arthur W.; and Smith, Loren C., to BOC Group, Inc., The. Pressure relieving device. 4,545,400, 10-8-85, Cl. 137-467.000.
Gruber, Bruce A.; Koch, Diether; Langer, Heimo J.; and Dunnavant, William R., to Ashland Oil, Inc. Composition, method for preparing and use thereof. 4,529,771, 7-16-85, Cl. 524-542.000.
Gruber, Ernst; and von Hoessle, Wolfgang, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Position gyroscope. 4,491,029, 1-1-85, Cl. 74-5.100.
Gruber, George E., to Ludlow Industries, Inc. Level control device. 4,551,663, 11-5-85, Cl. 318-482.000.
Gruber, Gerhard; Moser, Peter; Conrad, Ulrich; and Vlach, Jiri, to Daimler-Benz Aktiengesellschaft. Tensioning arrangement with a damping device for a belt drive. 4,530,682, 7-23-85, Cl. 474-133.000.
Gruber, Hermann: *See—*
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Gruber, Klaus; Lohner, Manfred; Posselt, Klaus; and Wagener, Hans H., to Dolorgiet GmbH & Co KG. Transdermal 2-(4-isobutylphenyl)-propionic acid medication and methods. 4,555,524, 11-26-85, Cl. 514-570.000.
Gruber, Norma J.; and Powell, Clois E., to Ashland Oil, Inc. Aqueous hydroxyl-acrylic latex and multi-isocyanate adhesive composition. 4,491,646, 1-1-85, Cl. 524-558.000.
Gruber, Otto R.: *See—*
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Gruber, Reinhold; and Rathel, Dieter, to Webasto-Werk W. Baier GmbH & Co. Heater fired with liquid fuel. 4,543,943, 10-1-85, Cl. 126-350.00R.
Gruber, Robert J.; Agostine, Doretta; Julien, Paul C.; and Yourd, Raymond A., III, to Xerox Corporation. Electrophotographic toner compositions containing novel imide charge control additives. 4,493,883, 1-15-85, Cl. 430-110.000.
Gruber, Robert J.; Knapp, John F.; and Bolte, Steven B., to Xerox Corporation. Process for magnetic image character recognition. 4,517,268, 5-14-85, Cl. 430-39.000.
Gruber, Robert J.; Koch, Ronald J.; Knapp, John F.; and Bolte, Steven B., to Xerox Corporation. Toner compositions with crosslinked resins and low molecular weight wax components. 4,556,624, 12-3-85, Cl. 430-110.000.
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Gruczka, Jan S.: *See—*
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Grudkowski, Thomas W.; DeMaria, Anthony J.; Shuskus, Alexander J.; and Grantham, Daniel H., to United Technologies Corporation. Planar piezoelectric deflector with arrays of alternate piezoelectric effect. 4,491,761, 1-1-85, Cl. 310-359.000.

Grudkowski, Thomas W.; and Montress, Gary K., to United Technologies Corporation. Low reflectivity surface-mounted electrodes on semiconductive saw devices. 4,495,431, 1-22-85, Cl. 310-313.00B.

Grudkowski, Thomas W., to United Technologies Corporation. Low reflectivity electrodes in semiconductive SAW devices. 4,499,440, 2-12-85, Cl. 333-151.000.

Grudowski, Raymond A.: *See—*
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Grudzinskas, Charles V.; and Weiss, Martin J., to American Cyanamid Company. 11-deoxy-11-substituted prostaglandins of the E and F series. 4,535,180, 8-13-85, Cl. 560-121.000.

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Gruenenthal GmbH: *See—*
Boehlke, Horst R. E.; Loschen, Gerriet K. H.; Michel, Gudrun E.; and Muller, Bernd, 4,510,323, Cl. 514-530.000.

Gruenenwald, Stanley L.: *See—*
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Gruenwald, Mark J., to Clearwater Technologies Inc. Carrying handle assembly for a diving tank. 4,556,245, 12-3-85, Cl. 294-31.200.

Gruett, Donald G., to Oil-Rite Corporation. Filter assembly with shut off and filter element therefor. 4,529,514, 7-16-85, Cl. 210-234.000.

Gruich, Peter; and Stopke, J. Lawrence. Multimotor modular electric drive powertrain system for turbine powered vehicles. 4,554,989, 11-26-85, Cl. 180-65.400.

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Grummett, Lorne H.: *See—*
Melissa, Raymond F.; Grummett, Lorne H.; and Chamberlain, John C., 4,513,661, Cl. 101-93.040.

Grumpelt, Heinrich; and Jaroch, Johannes, to C. Deilmann AG. Apparatus for recovering energy from pyrolyzable, carbonaceous waste materials of varying composition. 4,541,345, 9-17-85, Cl. 110-229.000.

Grun, Charles: *See—*
Solomon, Frank; and Grun, Charles, 4,518,705, Cl. 502-101.000.

Grun, Gustav; and Borgner, Klaus, to Luco-Technic GmbH Verfahrenstechnische Anlagen. Device for cutting flexible containers containing fungible material. 4,543,029, 9-24-85, Cl. 414-412.000.

Grun, Larry: *See—*
Bogner, Max; and Grun, Larry, 4,493,196, Cl. 63-15.000.

Gruna, Leo, to Gruna, Leo. Crush resistant motor vehicle body. 4,555,134, 11-26-85, Cl. 296-189.000.

Grunbeck Wasseraufbereitung GmbH: *See—*
Arens, Hans, 4,502,319, Cl. 73-3.000.
Arens, Hans, 4,510,978, Cl. 141-65.000.
Arens, Hans, 4,515,537, Cl. 417-489.000.
Arens, Hans, 4,523,903, Cl. 417-489.000.

Grunberg, Kurt; Poth, Rainer; Werner, Peter; Koch, Kurt; Schweppe, Friedrich; and Voigtlander, Kurt, to Siemens Aktiengesellschaft. Encapsulated medium-voltage electrical load switching apparatus. 4,523,253, 6-11-85, Cl. 361-335.000.

Grunberg, Robert M. Time domain audio panner. 4,509,185, 4-2-85, Cl. 381-34.000.

Grund, Christian: *See—*
Lemelson, Jerome H.; and Grund, Christian, 4,531,152, Cl. 358-141.000.

Grund, Hartmut: *See—*
Schanz, Klaus; Schwind, Albert; Grund, Hartmut; and Klehr, Peter, 4,539,195, Cl. 423-419.00P.

Grund, J. Evan: *See—*
Coates, Vincent J.; Grund, J. Evan; and Westrate, Stephen B., 4,521,686, Cl. 250-237.00R.

Grund, Peter; and Holz, Peter, to Messer Griesheim GmbH. Centrifugal throwing wheel for ejection of blasting materials onto workpieces. 4,521,996, 6-11-85, Cl. 51-434.000.

Grunder, Roland, to Grapha-Holding AG. Method and apparatus for transporting and storing partially overlapping sheets. 4,509,703, 4-9-85, Cl. 242-59.000.

Grundfos A/S: *See—*
Jensen, Niels D.; and Brunsgaard, Hans O., 4,507,583, Cl. 310-338.000.
Jensen, Niels D.; and Nielsen, Kurt F., 4,516,915, Cl. 417-365.000.
Jensen, Niels D.; Nielsen, Kurt F.; and Larden, Bent, 4,518,318, Cl. 417-53.000.
Jensen, Niels D.; and Nielsen, Kurt F., 4,549,849, Cl. 415-219.00R.

Grundig E.M.V.: *See—*
Bauerschmidt, Werner, 4,523,151, Cl. 329-124.000.
Klein, Walter; and Mangold, Hans, 4,528,597, Cl. 358-254.000.
Mangold, Hans; Eckert, Hans; and Schonborn, Jurgen, 4,525,746, Cl. 358-254.000.
Zoeliner, Rainer, 4,492,351, Cl. 242-197.000.

Grundler, Bruno, to SIG Schweizerische Industrie-Gesellschaft. Apparatus for dispensing bulk goods. 4,561,572, 12-31-85, Cl. 222-410.000.

Grundmann, Jurgen: *See—*
von Rappard, Gerhard; and Grundmann, Jurgen, 4,507,244, Cl. 260-428.500.

Grundmann, Raban, to Huels Aktiengesellschaft. Process for producing bromomethylated polyphenylene ethers. 4,559,392, 12-17-85, Cl. 525-390.000.

Grundstrom, Douglas R.: *See—*
Hovey, Dean A.; Grundstrom, Douglas R.; and Yurchenco, James R., 4,562,347, Cl. 250-221.000.

Grundy, Andrew K.; and Versluis, Jan, to Shell Oil Company. Single point mooring system provided with pressure relief means. 4,501,525, 2-26-85, Cl. 414-139.000.

Grundy Dispense Systems, Inc.: *See—*
Brown, Anthony D., 4,520,954, Cl. 222-400.800.
Gotch, Henry, 4,548,343, Cl. 222-400.700.

Grundy, Leslie R. Transmission mounting stand. 4,560,151, 12-24-85, Cl. 269-17.000.

Grundy, Reed H.; and Koewing, James W., to PPG Industries, Inc. Tension measuring device and method for filamentary material. 4,546,656, 10-15-85, Cl. 73-862.480.

Grundy, Reed H., to PPG Industries, Inc. Tension measuring device and method for flexible linear material. 4,548,085, 10-22-85, Cl. 73-862.480.

Gruner, George P., to Gillette Company, The. Shock mounting for incandescent mantle. 4,496,308, 1-29-85, Cl. 431-101.000.

Gruner, George P.; and Diederich, Walter J., to Gillette Company, The. Two-stage pressure regulator. 4,497,339, 2-5-85, Cl. 137-495.000.

Gruner, Hans; Schrewe, Hans; Pleschiutschnigg, Fritz-Peter; and Diederich, Gerd, to Mannesmann Aktiengesellschaft. Injection and feeder pipe for apparatus for continuous casting of steel. 4,531,567, 7-30-85, Cl. 164-415.000.

Gruner, Hans; Pfeiffer, Arnold; Rommerswinkel, Heinrich-Wilhelm; and Vest, Rolf, to Mannesmann Aktiengesellschaft. Preventing an increase of the nitrogen content in molten steel. 4,539,042, 9-3-85, Cl. 75-43.000.

Gruner, Heiko, to Robert Bosch GmbH. Temperature sensor for determining mass transfer rate and/or temperature rate of a flowing medium. 4,498,337, 2-12-85, Cl. 73-204.000.

Gruner, Heiko: *See—*

Burger, Kurt; and Gruner, Heiko, 4,522,067, Cl. 73-862.650.

Gruner & Jahr AG & Co.: *See—*

Wangermann, Jochen, 4,533,132, Cl. 270-53.000.

Gruner, John. Identification and control apparatus, for example, for service personnel for a restaurant. 4,511,161, 4-16-85, Cl. 283-1.00A.

Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., to Data General Corporation. Digital computer system including apparatus for resolving names representing data items and capable of executing instructions belonging to general instruction sets. 4,514,800, 4-30-85, Cl. 364-200.000.

Gruner, Ronald H.: *See—*

Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.

Ahlstrom, John K.; Bernstein, David H.; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; and Wallach, Walter A., Jr., 4,517,642, Cl. 364-200.000.

Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.

Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.

Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.

Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Mundie, Craig J.; Schleimer, Stephen I.; and Wallach, Steven J., 4,525,780. Cl. 364-200.000.

Clancy, Gerald F.; Gruner, Ronald H.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Richmond, Michael S.; Bernstein, David H.; and Bratt, Richard G., 4,499,604, Cl. 364-200.000.

Grunert, Heinz; Hahn, Fritz; Rall, Ulrich; Schumann, Klaus; Schwuger, Milan J.; and Smolka, Heinz G., to Henkel Kommanditgesellschaft auf Aktien. Use of fine-particulate alkali metal aluminosilicates in the process of dye soaping. 4,500,320, 2-19-85, Cl. 8-442.000.

Grunert, Kurt A.; and Huffman, Walter K., to Westinghouse Electric Corp. Molded case circuit breaker with single solenoid operator for rectilinear handle movement. 4,553,115, 11-12-85, Cl. 335-14.000.

Grunert, Kurt A.; and Changle, Joseph F., to Westinghouse Electric Corp. Molded case circuit breaker with handle lock. 4,554,421, 11-19-85, Cl. 200-43.150.

Grunert, Margarete: *See—*

Hempel, Hans-Ulrich; Grunert, Margarete; Tesmann, Holger; and Muller, Heinz, 4,504,410, Cl. 252-358.000.

Grunewald, Paul: *See—*

Seitz, Charles L.; Grunewald, Paul; Parker, Marshall M.; and Stafford, Irvin G., 4,513,278, Cl. 340-347.0DA.

Grunewald, Rudolf. Wire bending machine. 4,502,307, 3-5-85, Cl. 72-22.000.

Grunfeld, Detmar. Connections for tubular bicycle frame and fork components and method of making the same. 4,541,649, 9-17-85, Cl. 280-281.00R.

Grunikiewicz, Peter; Gommel, Karl; and Junginger, Klaus M., to C. & E. Fein GmbH & Co. Cutting tool. 4,543,720, 10-1-85, Cl. 30-272.00R.

Gruning, Burghard; Holtschmidt, Ulrich; and Koerner, Gotz, to Th. Goldschmidt AG. Organopolysiloxanes with Bunte salt groups, their synthesis and use for the surface treatment of inorganic or organic materials. 4,537,595, 8-27-85, Cl. 8-115.600.

Gruns, James H. Paint brush. 4,490,875, 1-1-85, Cl. 15-143.00R.

Gruns, James H. Flexible surface cleaning and coatings applicator tool. 4,499,627, 2-19-85, Cl. 15-210.00R.

Grunsch, Eckhardt, to ANT Nachrichtentechnik GmbH. D.C. voltage converter including a pulse width controlled semiconductor switch. 4,559,591, 12-17-85, Cl. 363-21.000.

Grunsky, Manfred; Sussmuth, Reiner; Dehn, Dieter; and Ischen, Gunter, to Stellram S.A. Rotary material removing tool. 4,493,596, 1-15-85, Cl. 408-233.000.

Grunsky, Manfred; Sussmuth, Reiner; and Ischen, Gunter, to Stellram GmbH. Rotary material removing tool. 4,511,294, 4-16-85, Cl. 408-232.000.

Grunvogel, Karl: *See—*

Biber, Klaus; Grunvogel, Karl; Lemcke, Ulrich; Jakubowski, Heinz; and Schulz, Kurt, 4,523,732, Cl. 248-123.100.

Schmidt, Wilhelm; Grunvogel, Karl; and Rubl, Lothar, 4,529,264, Cl. 350-96.200.

Grunwald, Raymond M.: *See—*

Lindmayer, Istvan; and Grunwald, Raymond M., 4,518,385, Cl. 604-68.000.

Grunwald, Ronald P. Suture guide holder. 4,492,229, 1-8-85, Cl. 128-303.00R.

Grunwald, Werner; Pfizenmaier, Heinz; de la Prieta, Claudio; Schmid, Kurt; and Schmidt, Ewald, to Robert Bosch GmbH. Method of applying an electrical conductor pattern on an apertured substrate. 4,522,671, 6-11-85, Cl. 156-235.000.

Grunwald, Werner, to Robert Bosch GmbH. Device for determining the flow rate of a flowing medium. 4,527,427, 7-9-85, Cl. 73-204.000.

Grunwald, Werner: *See—*

Dieffenbach, Rudiger; Grunwald, Werner; Perthus, Peter; and Prinzhausen, Friedrich, 4,517,630, Cl. 362-268.000.

Dobler, Klaus; Schoor, Ulrich; Heinz, Rudolf; Frey, Thomas; and Grunwald, Werner, 4,494,401, Cl. 73-35.000.

Frey, Thomas; Grunwald, Werner; Knoll, Gunther; and Weyl, Helmut, 4,560,463, Cl. 204-424.000.

Grunzinger, Raymond E., Jr., to Minnesota Mining and Manufacturing Company. Method of preparing a polymeric coating composition from a blocked isocyanate-functional polymeric compound and a crosslinking agent which is insoluble in aprotic solvents. 4,530,859, 7-23-85, Cl. 427-385.50C.

Grunzweig & Hartmann Montage GmbH: *See—*

Fricker, Wolfgang-Peter; Scholz, Manfred; Bauche, Heinrich; and Gollasch, Bernd, 4,495,147, Cl. 376-283.000.

Grupp, Gunter: *See—*

Schwartz, Arnold; Grupp, Ingrid L.; Grupp, Gunter; and de Pover, Alain, 4,504,476, Cl. 514-211.000.

Grupp, Ingrid L.: *See—*

Schwartz, Arnold; Grupp, Ingrid L.; Grupp, Gunter; and de Pover, Alain, 4,504,476, Cl. 514-211.000.

Grupping, Arnold W. Method for the underground gasification of coal or browncoal. 4,502,539, 3-5-85, Cl. 166-262.000.

Gruppo Lepetit S.p.A.: *See—*

Borghi, Angelo; Pallanza, Rosa; Coronelli, Carolina; and Cassani, Giovanni, 4,542,018, Cl. 424-119.000.

Ciabatti, Romeo; and Padova, Giovanna, 4,496,743, Cl. 548-533.000.

Fontanella, Luigi; Martinelli, Edoardo; and Assandri, Alessandro, 4,528,297, Cl. 514-392.000.

Galliani, Giulio; Omodei-Sale, Amedeo; Consonni, Pietro; and Assandri, Alessandro, 4,535,090, Cl. 514-383.000.

Guzzi, Umberto; and Ciabatti, Romeo, 4,547,521, Cl. 514-530.000.

Koch, Melvin V.; and Magni, Ambrogio, 4,501,919, Cl. 562-437.000.

Mariani, Luigi; and Tarzia, Giorgio, 4,508,730, Cl. 514-218.000.

Winters, Giorgio; Sala, Alberto; and Barone, Domenico, 4,500,525, Cl. 514-210.000.

Winters, Giorgio; and Sala, Alberto, 4,530,927, Cl. 514-215.000.

Grusdt, Rainer: *See—*

Walter, Kurt; Gokorsch, Wilfried; Kurth, Gunter; Grusdt, Rainer; and Schreiter, Manfred, 4,543,770, Cl. 53-511.000.

Grushkin, Harold. Combination manually and inertia propelled ski-motion exercise machine. 4,542,898, 9-24-85, Cl. 272-97.000.

Grusin, Gerald M., to Dart Industries Inc. Covered dish with adjustable opening. 4,512,497, 4-23-85, Cl. 220-369.000.

Grutsch, George A. Concrete formwork. 4,516,372, 5-14-85, Cl. 52-309.120.

Grutter, Peter: *See—*

Renner, Alfred; Grutter, Peter; and Hugi, Rolf, 4,549,008, Cl. 528-220.000.

Grutzner, Gunther, to Mannesmann Aktiengesellschaft. Using a corrosion proof austenitic iron chromium nickel nitrogen alloy for high load components. 4,559,090, 12-17-85, Cl. 148-12.00E.

Grutzner, Hans: *See—*

Durig, Heinz; Grutzner, Hans; and Bratschi, Konrad, 4,552,195, Cl. 160-168.00R.

Gryaznov, Mikhail I.: *See—*

Musin, Rafail M.; Gryaznov, Mikhail I.; and Timofeev, Dmitry A., 4,503,544, Cl. 375-10.000.

Musin, Rafail M.; Gryaznov, Mikhail I.; Timofeev, Dmitry A.; Filatov, Nikolai Y.; and Andreeva, Tamara S., 4,541,070, Cl. 364-900.000.

Grychtol, Klaus; and Baumann, Hans, to BASF Aktiengesellschaft. Unsymmetrical 1:2 chromium complex of a monoazo dyestuff and a disazo dyestuff which is non-fiber reactive and contains no sulfonamido or amino groups. 4,537,955, 8-27-85, Cl. 534-696.000.

Grychtol, Klaus: *See—*

Baumann, Hans; and Grychtol, Klaus, 4,560,744, Cl. 534-696.000.

Grynberg, Ami; and Ronen, Ya'Acov, to Israel Aircraft Industries, Ltd. Electromagnetic field perimeter detection apparatus. 4,553,135, 11-12-85, Cl. 340-564.000.

Grynberg, Jack; Nelson, Leonard Y.; and Moody, Stephen E., to Mathematical Sciences Northwest, Inc. Method and apparatus for analyzing components of hydrocarbon gases recovered from oil, natural gas and coal drilling operations. 4,492,862, 1-8-85, Cl. 250-255.000.

Grys, Rodger J.: *See—*

Millis, Donald E.; and Grys, Rodger J., 4,505,643, Cl. 417-12.000.

Gryspeerdt, Jose G. T.: *See—*

De Vilder, Rudy J. C.; and Gryspeerdt, Jose G. T., 4,531,348, Cl. 56-11.600.

Grzeczkowski, Thomas V.: *See—*

Albertini, Rocco D.; and Grzeczkowski, Thomas V., 4,517,913, Cl. 114-293.000.

Grzelka, Andrew; Hodges, David R.; and Ruckdeschel, Lawrence M., to Litton Systems, Inc. Self-locking chock system for a jack-up rig unit. 4,505,616, 3-19-85, Cl. 405-198.000.

Grzelka, Andrew; and Hodges, David R., to Litton Systems, Inc. Adjustable locking chock system. 4,538,938, 9-3-85, Cl. 405-198.000.

Grzinia, Michael, to Milei GmbH. Hen-egg albumen substitute and method for its manufacture. 4,514,432, 4-30-85, Cl. 426-656.000.

Grzybowski, Bohdan; and Horbal, Mark T., to Acrobe Technology Inc. Manipulator apparatus. 4,518,308, 5-21-85, Cl. 414-735.000.

Gschwend, Hans: *See—*

- Gloor, Peter; Gschwend, Hans; Mark, Fritz; and Matt, Lukas, 4,530,454, Cl. 227-129.000.

Gschwender, Alois, to Flux-Geraete Gesellschaft mit beschraenkter Haftung. Pump, particularly a submersible or barrel pump. 4,530,641, 7-23-85, Cl. 415-170.00R.

Gsell, Laurenz, to Ciba-Geigy Corporation. Halovinyl-3,3-dimethylcyclopropanecarboxylic acid pyronyl esters useful for the protection of cultivated plants against the harmful effects of herbicides. 4,505,738, 3-19-85, Cl. 71-88.000.

Gsell, Thomas C.: *See—*

- Degen, Peter J.; and Gsell, Thomas C., 4,493,756, Cl. 204-141.500.
- Pall, David B.; Degen, Peter J.; Joffee, Irving B.; Foss, Warren M.; and Gsell, Thomas C., 4,523,995, Cl. 210-504.000.

Gsponer, Arnold; Huber, Werner; and Petrovic, Milan, to Buhler-Miag GmbH. Deviating station for handling arrangement, and handling arrangement provided therewith. 4,537,302, 8-27-85, Cl. 198-626.000.

GT Development Corporation: *See—*

- Green, Charles J.; and Forsythe, Alan K., 4,524,951, Cl. 251-327.000.

GTE Automatic Electric Laboratories Incorporated: *See—*

- Abdalla, Mohamed I., 4,532,454, Cl. 313-506.000.
- Abraham, Leonard G., 4,531,113, Cl. 340-347.00C.
- Abrant, Robert J., 4,539,656, Cl. 364-900.000.
- Adams, Tello D., 4,493,092, Cl. 375-36.000.
- Adams, Tello D., 4,507,793, Cl. 375-36.000.
- Bellows, Alfred H., 4,491,814, Cl. 335-192.000.
- Bencuya, Izak; and Cogan, Adrian I., 4,543,706, Cl. 29-571.000.
- Berger, Eric V., 4,522,055, Cl. 72-477.000.
- Bloss, Walter L., III; and Brody, Edward M., 4,513,305, Cl. 357-30.000.
- Budinger, A. Bowman; Byszewski, Wojciech W.; and Proud, Joseph M., 4,494,046, Cl. 315-260.000.
- Byszewski, Wojciech W.; Budinger, A. Bowman; and Proud, Joseph M., 4,521,718, Cl. 315-99.000.
- Carlsen, W. John; and Melman, Paul, 4,504,121, Cl. 350-385.000.
- Carlsen, W. John; and Melman, Paul, 4,514,046, Cl. 350-385.000.
- Carlsen, W. John, 4,531,810, Cl. 350-96.200.
- Carter, Gary M.; Chen, Yung-Jui; and Tripathy, Sukant K., 4,531,809, Cl. 350-96.190.
- Chi, Jim-Yong; and Holmstrom, Roger P., 4,510,016, Cl. 156-643.000.
- Cogan, Adrian I., 4,497,107, Cl. 29-571.000.
- Cogan, Adrian I.; and Bencuya, Izak, 4,551,909, Cl. 29-571.000.
- Cork, Fay E., 4,491,555, Cl. 264-240.000.
- Daley, William J.; and Van Husen, Hendrik W., 4,491,794, Cl. 324-158.00R.
- Daniels, William R.; and Young, John S., 4,551,585, Cl. 179-175.30R.
- Daniels, William R.; and Young, John S., 4,552,997, Cl. 179-175.30R.
- Ditchek, Brian M.; and Middleton, Thomas R., 4,537,323, Cl. 220-2.10R.
- Edwards, Ivan L.; McLaughlin, Robert C.; and Macrander, Max S., 4,498,059, Cl. 331-1.00A.
- Edwards, Ivan L.; McLaughlin, Robert C.; and Macrander, Max S., 4,503,400, Cl. 331-1.00A.
- Edwards, Ivan L.; McLaughlin, Robert C.; and Macrander, Max S., 4,510,462, Cl. 331-1.00A.
- Edwards, Ivan L.; and Macrander, Max S., 4,538,272, Cl. 371-61.000.
- Fox, Kenneth R., 4,553,088, Cl. 324-66.000.
- Freeman, Eva C.; and Baird, Donald H., 4,508,610, Cl. 204-192.00P.
- Giammarrusco, David P., 4,513,233, Cl. 318-565.000.
- Giammarrusco, David P., 4,547,630, Cl. 179-89.000.
- Goldman, Ernest A.; McCarthy, Jeremiah P.; and Poppert, Paul E., 4,498,223, Cl. 29-571.000.
- Grammas, James J.; Moskal, Walter J.; and Witt, Craig J., 4,535,533, Cl. 29-749.000.
- Jarocinski, Richard; Keaton, William R.; and Magennis, Joseph L., 4,539,070, Cl. 156-659.100.
- Kadkade, Prakash G.; and Botticelli, Charles R., 4,506,474, Cl. 47-58.000.
- Kamieniecki, Emil, 4,544,887, Cl. 324-158.00R.
- Kapral, Christopher W.; and Cooperman, Michael, 4,508,982, Cl. 307-572.000.
- Kapral, Christopher W., 4,521,762, Cl. 340-347.0DA.
- Kapral, Christopher W., 4,523,179, Cl. 340-347.0DA.
- Klinedinst, Keith A.; and Schlaikjer, Carl R., 4,495,266, Cl. 429-105.000.
- Koenigsberg, William D.; and Wagenknecht, Arthur J., 4,506,192, Cl. 315-71.000.
- Koppensteiner, James V., 4,528,616, Cl. 361-399.000.
- Krikor, Agop K.; and Puccini, Sergio E., 4,499,336, Cl. 179-18.0ES.
- Krikor, Krikor A.; and Hu, Kuang-Cheng, 4,502,114, Cl. 364-200.000.
- Krikor, Krikor A., 4,527,157, Cl. 340-825.010.
- Kuster, Karl H., 4,561,046, Cl. 363-21.000.
- Ladewski, Chester T.; Chapman, Harry A.; and Johnston, Jeffrey J., 4,531,215, Cl. 371-67.000.
- Lapatovich, Walter P.; and Gibbs, George R., 4,492,898, Cl. 315-248.000.
- Lee, Ching W., 4,516,094, Cl. 333-194.000.
- Lee, Ching W., 4,516,095, Cl. 333-194.000.
- Lee, Kang I.; and Jopson, Harriet, 4,510,075, Cl. 252-500.000.
- Lee, Kang I.; and Jopson, Harriet, 4,510,076, Cl. 252-500.000.
- Lee, Kang I.; Jensen, William; and Cukor, Peter, 4,548,893, Cl. 430-296.000.
- McColl, James R.; and Peters, Thomas E., 4,499,005, Cl. 252-301.60S.
- McDonald, Robert C.; Wang, Wei-Tao; Cukor, Peter; and Rubner, Michael F., 4,540,641, Cl. 429-105.000.
- Melman, Paul; and Carlsen, W. John, 4,523,843, Cl. 356-127.000.
- Middleton, Thomas R., 4,542,843, Cl. 228-112.000.
- Palilla, Frank C.; MacAllister, Burton W., Jr.; and Salemi, Caster, 4,538,347, Cl. 29-619.000.
- Parikh, Kamal I., 4,551,836, Cl. 371-1.000.
- Pasto, Arvid E., 4,542,109, Cl. 501-97.000.
- Perry, Thomas J., 4,504,947, Cl. 370-99.000.
- Perry, Thomas J., 4,507,780, Cl. 370-100.000.
- Perry, Thomas J., 4,514,844, Cl. 371-8.000.
- Perry, Thomas J.; and Khera, Muhammad I., 4,516,237, Cl. 370-58.000.
- Perry, Thomas J., 4,516,245, Cl. 375-17.000.
- Perry, Thomas J., 4,531,210, Cl. 370-100.000.
- Perry, Thomas J., 4,534,027, Cl. 371-8.000.
- Pommer, Karl E., II, 4,532,382, Cl. 179-81.00R.
- Proud, Joseph M.; and Lapatovich, Walter P., 4,495,435, Cl. 313-231.310.
- Proud, Joseph M.; Riseberg, Leslie A.; Byszewski, Wojciech W.; and Budinger, A. Bowman, 4,516,057, Cl. 315-260.000.
- Proud, Joseph M.; Budinger, A. Bowman; Riseberg, Leslie A.; and Byszewski, Wojciech W., 4,518,897, Cl. 315-260.000.
- Reimer, William A., 4,504,101, Cl. 339-17.00L.
- Reimer, William A., 4,505,394, Cl. 211-41.000.
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- Reimer, William A., 4,530,558, Cl. 339-75.00M.
- Reimer, William A., 4,532,576, Cl. 361-415.000.
- Reimer, William A., 4,538,209, Cl. 361-395.000.
- Reimer, William A., 4,550,362, Cl. 361-415.000.
- Renner, Robert E., 4,509,168, Cl. 370-63.000.
- Renner, Robert E., 4,509,169, Cl. 370-63.000.
- Renner, Robert E., 4,514,842, Cl. 370-63.000.
- Renner, Robert E., 4,532,624, Cl. 370-13.000.
- Rhodes, William H.; Pitt, Caryl S.; and Gutta, John J., 4,545,799, Cl. 65-59.210.
- Riseberg, Leslie A., 4,539,505, Cl. 313-315.000.
- Sanchez, Jaime; and Sarin, Vinod K., 4,527,638, Cl. 175-57.000.
- Sarin, Vinod K.; Penty, Robert A.; and Buljan, Sergej-Tomislav, 4,497,228, Cl. 82-1.00C.
- Sarin, Vinod K., 4,527,931, Cl. 407-113.000.
- Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,520,478, Cl. 370-63.000.
- Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,441, Cl. 370-63.000.
- Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,442, Cl. 370-63.000.
- Simmons, Nathaniel; and Parikh, Kamal I., 4,525,831, Cl. 370-63.000.
- Stahl, Douglas C., 4,558,186, Cl. 179-170.0NC.
- Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,508,398, Cl. 339-17.0LM.
- Stepan, William E., 4,508,753, Cl. 427-53.100.
- Stepan, William E., 4,508,754, Cl. 427-53.100.
- Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,518,211, Cl. 339-17.0LM.
- Stites, Francis H., 4,525,863, Cl. 455-83.000.
- Tarleton, George K., 4,544,850, Cl. 307-269.000.
- Van Husen, Hendrik W., 4,514,687, Cl. 324-158.00R.
- Wang, Da Y.; and Kennedy, Daniel T., 4,547,281, Cl. 204-424.000.
- Winful, Herbert G.; and Cooperman, Gene D., 4,497,535, Cl. 350-96.120.
- Young, John S., 4,496,800, Cl. 179-175.20R.

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- Boeckman, Eduard F. B., 4,491,689, Cl. 179-81.00B.
- Boeckmann, Eduard F. B., 4,523,057, Cl. 179-81.00B.
- Boeckmann, Eduard F. B., 4,529,843, Cl. 179-81.00R.
- Boeckmann, Eduard F. B.; and Woodworth, Larry A., 4,555,597, Cl. 179-90.00B.
- James, Miranda L.; and Teater, Albert, 4,492,823, Cl. 179-81.00R.
- Sublette, John D., 4,527,016, Cl. 179-90.00B.
- Wagoner, John G.; and Smith, Louis W., 4,536,620, Cl. 179-90.00D.

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- Bertellotti, Ansano; and Traina, Anthony, 4,538,211, Cl. 361-415.000.
- Boeckmann, Eduard F. B., 4,517,414, Cl. 179-81.00R.
- Boeckmann, Eduard F. B., 4,518,829, Cl. 179-81.00B.
- Boeckmann, Eduard F. B., 4,529,845, Cl. 179-84.00L.
- Chang, Chieh; and Lee, Man S., 4,510,467, Cl. 332-31.00R.
- Fayette, Brad K., 4,519,025, Cl. 364-141.000.
- Huft, John M., 4,560,834, Cl. 179-16.00F.

  - Koppensteiner, James V.; and Kaczkos, John E., 4,533,977, Cl. 361-415.000.
  - Koppensteiner, James V.; and Kaczkos, John E., 4,544,066, Cl. 211-41.000.
  - Kosten, Richard B., 4,517,419, Cl. 179-159.000.
  - Lee, Man S.; and Chang, Chieh, 4,507,625, Cl. 332-31.00R.
  - McNesby, John B.; and Walker, Erik K., 4,553,129, Cl. 340-347.0DD.
  - Neese, Wayne E., 4,549,484, Cl. 101-123.000.
  - Neese, Wayne E.; and Stepan, William E., 4,555,151, Cl. 339-17.0CF.
  - Owlett, David D., 4,494,093, Cl. 333-232.000.
  - Reimer, William A., 4,498,717, Cl. 339-17.0LM.
  - Reimer, William A., 4,531,175, Cl. 361-399.000.
  - Reimer, William A.; and Vonder, David L., 4,548,450, Cl. 339-17.00C.
  - Skidanenko, Constantine V.; and McGibbon, Gregor D., 4,511,763, Cl. 179-16.0AA.
  - Skidanenko, Constantine V.; and McGibbon, Gregor D., 4,536,614, Cl. 179-18.0FA.
  - Teater, Albert G., 4,550,226, Cl. 179-81.00R.
  - Zrnich, Milan, 4,561,711, Cl. 339-17.00C.

- GTE Communications Products Corporation: *See—*
  - Benedict, George J.; Reed, Edward D., Jr.; and Jones, Robert W., 4,553,244, Cl. 372-95.000.
  - Bielkevicius, Jonas R.; and Schmitt, Paul M., 4,554,541, Cl. 340-825.680.
  - Blackburn, Tom L., 4,536,871, Cl. 370-74.000.
  - Boyle, Gerard H.; Freeman, Roger K.; and Goebel, Franz, 4,535,038, Cl. 429-154.000.
  - Goebel, Franz, 4,517,736, Cl. 29-623.200.
  - Kapral, Christopher W., 4,507,650, Cl. 340-347.0DA.
  - Kapral, Christopher W., 4,513,279, Cl. 340-347.0DA.
  - Magee, Mark R.; and James, Richard D., 4,495,541, Cl. 361-225.000.
  - Maiocchi, John, 4,499,848, Cl. 118-45.000.
  - McDonald, Robert C.; Wang, Wei-Tao; Cukor, Peter; and Rubner, Michael F., 4,540,641, Cl. 429-105.000.
  - McNesby, John B.; and Krys, Joseph F., 4,538,286, Cl. 375-112.000.
  - Schmitt, Paul M., 4,506,115, Cl. 179-84.00C.
- GTE Government Systems Corporation: *See—*
  - Goebel, Franz, 4,539,272, Cl. 429-94.000.
  - Goebel, Franz, 4,539,273, Cl. 429-94.000.
  - Goebel, Franz, 4,539,274, Cl. 429-94.000.
  - Goebel, Franz; Haskins, Timothy B.; and Batson, David C., 4,562,094, Cl. 427-115.000.
  - Guch, Steve, Jr.; Gardner, Phillip J.; Braverman, Leonard W.; and Jones, Robert W., 4,494,235, Cl. 372-23.000.
  - Guch, Steve, Jr., 4,558,452, Cl. 372-99.000.
- GTE Lenkurt Inc.: *See—*
  - Brady, Douglas M., 4,542,265, Cl. 179-170.200.
  - Chang, Chieh; and Lee, Man S., 4,504,804, Cl. 332-31.00R.
  - Chang, Chieh; and Lee, Man S., 4,507,626, Cl. 332-31.00R.
  - Chang, Chieh; and Lee, Man S., 4,510,466, Cl. 332-31.00R.
  - Kollanyi, Miklos J., 4,513,341, Cl. 361-91.000.
  - Lee, Man S.; and Chang, Chieh, 4,504,803, Cl. 332-31.00R.
  - Skidanenko, Constantine V.; and McGibbon, Gregor D., 4,552,994, Cl. 179-16.0AA.
- GTE Products Corporation: *See—*
  - Alexander, Kenneth E.; and Marshall, Robert J., 4,517,629, Cl. 362-267.000.
  - Anderson, John W., Jr.; and Roche, William J., 4,510,418, Cl. 315-73.000.
  - Anderton, John J., 4,512,628, Cl. 350-96.200.
  - Anderton, John J., 4,556,206, Cl. 269-16.000.
  - Anderton, John J., 4,556,281, Cl. 350-96.200.
  - Armstrong, Donald E., 4,493,667, Cl. 445-28.000.
  - Armstrong, Donald E., 4,496,311, Cl. 431-359.000.
  - Avellino, Frank J.; and Johnson, Robert R., 4,547,891, Cl. 377-16.000.
  - Blaisdell, Ronald G.; and Gagnon, Peter R., 4,500,948, Cl. 362-382.000.
  - Bonazoli, Robert P.; and Shaffer, John W., 4,528,479, Cl. 315-73.000.
  - Bouchard, Andre C.; English, George J.; Hall, Harold H., Jr.; and Sentementes, Thomas J., 4,497,756, Cl. 264-1.900.
  - Bouchard, Andre C.; and Hall, Harold H., Jr., 4,498,883, Cl. 445-28.000.
  - Bouchard, Andre C., 4,521,837, Cl. 362-216.000.
  - Bouchard, Andre C.; Maya, Jakob; Loughridge, Fred; Andress, Charles W.; and Wierzbicki, Julian, 4,527,088, Cl. 313-493.000.
  - Bouchard, Andre C.; and Maya, Jakob, 4,527,089, Cl. 313-493.000.
  - Bouchard, Andre C.; Maya, Jakob; and Sentementes, Thomas, 4,536,678, Cl. 313-493.000.
  - Bouchard, Andre C., 4,539,510, Cl. 313-493.000.
  - Bouchard, Andre C.; and Grossman, Mark W., 4,560,357, Cl. 445-26.000.
  - Buljan, Sergej-Tomislav, 4,492,765, Cl. 501-97.000.
  - Carbone, Douglas C.; and Dennis, Philip J., 4,521,760, Cl. 337-368.000.
  - Cheney, Richard F., 4,502,885, Cl. 75-0.50B.
  - Cheney, Richard F., 4,508,788, Cl. 428-570.000.
  - Cheresnowsky, Michael J.; Brunelli, Timothy A.; Munn, Robin W.; and Kim, Tai K., 4,525,331, Cl. 423-54.000.
  - Cheresnowsky, Michael J., 4,555,386, Cl. 423-54.000.
  - Claes, Roger G., 4,499,439, Cl. 333-142.000.
  - Claes, Roger G., 4,525,692, Cl. 333-142.000.
  - Coad, Brian C., 4,516,716, Cl. 228-263.150.
  - Coad, Brian C., 4,517,157, Cl. 420-490.000.
  - Coad, Brian C., 4,536,215, Cl. 75-129.000.
  - Cohen, Sheppard; Barakitis, Nikolaos; Loughridge, Frederick A.; and Marlor, Richard C., 4,524,301, Cl. 313-493.000.
  - Cribbs, Doyle E.; and Weckerly, James R., 4,557,049, Cl. 30-124.000.
  - Dodds, Robert E.; and Harrigan, David J., 4,515,827, Cl. 427-68.000.
  - Dolan, Richard J.; Cangiano, Frank; and Van der Linde, John, 4,528,619, Cl. 362-61.000.
  - Douglas, Alan D.; and Reilly, Kenneth T., 4,521,381, Cl. 423-49.000.
  - Douglas, Alan D.; Reilly, Kenneth T.; and Landmesser, John E., 4,557,906, Cl. 423-49.000.
  - Dullea, Leonard V.; Loughridge, Frederick A.; and Johnson, Stephen G., 4,530,710, Cl. 65-56.000.
  - Eby, John E.; and Kingston, Charles M., 4,533,944, Cl. 358-107.000.
  - Eby, John E.; and Kingston, Charles M., 4,539,587, Cl. 358-107.000.
  - English, George; and Leadvaro, Stephen J., 4,536,831, Cl. 362-263.000.
  - English, George J., 4,508,514, Cl. 445-26.000.
  - English, George J.; and Levin, Robert E., 4,545,001, Cl. 362-340.000.
  - Faria, Sixdeniel, 4,495,265, Cl. 430-95.000.
  - Fields, Larry R.; and Kendrick, George B., 4,553,066, Cl. 313-580.000.
  - Fohl, Timothy; Keeffe, William M.; and Rothwell, Harold L., 4,499,396, Cl. 313-25.000.
  - Fraley, Lawrence R.; and Westlund, Arnold E., Jr., 4,545,000, Cl. 362-304.000.
  - French, Kenneth; Kocher, Robert C.; Piorkow, Alfred; Shaner, Kenneth; and Smith, J. Thomas, 4,533,251, Cl. 356-384.000.
  - Gawad, Mahmoud A.; and Graudins, John, 4,494,175, Cl. 362-150.000.
  - Gilder, Thomas G., Jr.; and O'Dean, Raymond D., 4,554,404, Cl. 174-52.0FP.
  - Grossman, Mark W.; George, William A.; and Pai, Robert Y., 4,534,742, Cl. 445-9.000.
  - Hall, Harold H., Jr.; and Bouchard, Andre C., 4,515,558, Cl. 431-359.000.
  - Hidler, Henry; Davey, Ernest; Hope, Lawrence L.; and Shimer, Robert, 4,544,091, Cl. 228-124.000.
  - Hope, Lawrence L.; and Plumb, John L., 4,506,193, Cl. 315-169.300.
  - Hsieh, Martin Y., 4,521,525, Cl. 501-98.000.
  - Hsieh, Martin Y., 4,542,072, Cl. 428-446.000.
  - Hsieh, Martin Y., 4,552,851, Cl. 501-98.000.
  - Jenkins, Robert G.; and Shinn, Dennis B., 4,523,939, Cl. 65-32.000.
  - Jerabek, Charles F., 4,526,840, Cl. 428-596.000.
  - Johnson, Stephen G.; and Labadini, William M., 4,523,795, Cl. 315-97.000.
  - Karlotski, Robert J.; Lekebush, Ronald C.; and Kulik, Joseph S., Jr., 4,498,027, Cl. 313-634.000.
  - Kim, Tai K.; and McClintic, Robert P., 4,557,924, Cl. 423-593.000.
  - Kim, Tai K.; Munn, Robin W.; Boyer, Carl W.; and Vogt, Martin C., 4,560,539, Cl. 423-59.000.
  - Kimball, Stephen F.; Audesse, Emery G.; and Griffin, Robert M., 4,550,270, Cl. 313-579.000.
  - Knoll, William C.; and Bay, David L., 4,525,649, Cl. 315-96.000.
  - Knoll, William C.; and Bay, David L., 4,532,456, Cl. 315-223.000.
  - Koenigsberg, William D.; and Wagenknecht, Arthur J., 4,506,192, Cl. 315-71.000.
  - Kuo, Samuel C., 4,492,964, Cl. 343-792.500.
  - Kuo, Samuel C., 4,506,268, Cl. 343-792.500.
  - Labadini, William M.; and Scholz, John A., 4,513,227, Cl. 315-290.000.
  - Landry, Geraldine A., 4,547,700, Cl. 313-487.000.
  - Lapraik, Scott J.; and Becker, Wayne A., 4,553,803, Cl. 339-74.00R.
  - Lapraik, Scott J.; and Becker, Wayne A., 4,553,804, Cl. 339-74.00R.
  - Lester, James N., 4,549,178, Cl. 340-825.580.
  - Marshall, Robert J.; and Le, Thu T., 4,539,504, Cl. 313-113.000.
  - Mathers, James E. and Yale, Ramon L., 4,507,560, Cl. 250-483.100.
  - Maya, Jakob, 4,527,086, Cl. 313-485.000.
  - Meade, Steven L.; Morris, Merle E.; and Rice, Lawrence M., 4,510,416, Cl. 313-579.000.
  - Mickelson, Nils P.; and De LaChapelle, Richard P., 4,493,003, Cl. 361-119.000.
  - Miller, Michael J.; Vogt, Martin C.; and Scheithauer, Richard A., 4,552,729, Cl. 423-55.000.
  - Mizuhara, Howard, 4,497,772, Cl. 420-457.000.
  - Mizuhara, Howard, 4,528,247, Cl. 428-606.000.
  - Mizuhara, Howard, 4,531,502, Cl. 123-668.000.
  - Mizuhara, Howard, 4,552,057, Cl. 92-176.000.
  - Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., 4,509,928, Cl. 445-27.000.
  - Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., 4,535,268, Cl. 313-569.000.
  - Newman, Ray L.; and Hopkins, David H., 4,503,904, Cl. 165-76.000.
  - Newman, Ray L.; and Hopkins, David H., 4,503,905, Cl. 165-76.000.
  - Ojanen, Randall W., 4,497,520, Cl. 299-86.000.
  - Ojanen, Randall W., 4,547,020, Cl. 799-86.000.

  - Powers, John A.; and Christini, James N., 4,557,923, Cl. 423-593.000.
  - Rhodes, William H.; Pitt, Caryl S.; and Gutta, John J., 4,545,799, Cl. 65-59.210.
  - Ritsko, Joseph E.; and Acla, Howard L., 4,495,158, Cl. 423-65.000.
  - Ritsko, Joseph E.; and Acla, Howard L., 4,537,750, Cl. 423-65.000.
  - Roche, William J.; and Anderson, John W., Jr., 4,494,041, Cl. 315-49.000.
  - Roche, William J., 4,494,042, Cl. 315-56.000.
  - Roche, William J., 4,500,812, Cl. 315-171.000.
  - Roche, William J.; and Parks, Ralph P., Jr., 4,553,067, Cl. 313-546.000.
  - Rothwell, Harold L.; and English, George J., 4,540,373, Cl. 445-22.000.
  - Rothwell, Harold L., Jr.; and English, George J., 4,528,478, Cl. 313-631.000.
  - Rothwell, Harold L., Jr.; and English, George J., 4,557,700, Cl. 445-53.000.
  - Schlitt, Steven C.; Yong, Thomas S.; Roche, William J.; and Anderson, John W., Jr., 4,495,440, Cl. 313-492.000.
  - Schrank, Martin P., 4,547,702, Cl. 313-509.000.
  - Shaffer, John W., 4,519,785, Cl. 445-48.000.
  - Snell, Richard G.; and Loughridge, Fredrick A., 4,492,814, Cl. 174-50.640.
  - Snell, Richard G.; and Loughridge, Fredrick A., 4,493,944, Cl. 174-50.640.
  - Snell, Richard G.; and Loughridge, Fredrick A., 4,521,641, Cl. 174-50.640.
  - Swanson, Steven E., 4,518,220, Cl. 350-96.200.
  - Thiry, William; Westlund, Arnold E., Jr.; and Puckett, Clarence D., 4,506,316, Cl. 362-309.000.
- GTE Valeron Corporation: *See—*
  - Begin, John D., 4,514,797, Cl. 364-148.000.
  - Cusack, Robert F., 4,509,266, Cl. 33-174.00L.
  - Cusack, Robert F., 4,510,693, Cl. 33-174.00L.
  - Cusack, Robert F., 4,542,590, Cl. 33-169.00R.
  - Cusack, Robert F., 4,543,859, Cl. 81-484.000.
  - Juengel, Richard O., 4,545,106, Cl. 29-563.000.
  - Kroetsch, Charles F., 4,523,063, Cl. 200-61.410.
  - Kroetsch, Charles F., 4,553,001, Cl. 200-61.410.
  - Stashko, Daniel R., 4,507,024, Cl. 407-114.000.
- GTI Corporation: *See—*
  - Emmons, Daniel R.; and Swanson, William E., 4,561,066, Cl. 364-736.000.
  - Swanson, William E., 4,553,220, Cl. 364-715.000.
- GTY Industries: *See—*
  - Poppenheimer, Charles B., 4,539,629, Cl. 362-267.000.
- Guadagno, Philip A.; and Sanford, James R. M., to Helena Laboratories Corporation. Test kit for performing a medical test. 4,511,533, 4-16-85, Cl. 422-61.000.
- Guadagno, Philip A., to Helena Laboratories Corporation. Test pad for detecting occult blood. 4,541,987, 9-17-85, Cl. 422-56.000.
- Guagliumi, Renato; and Perga, Giampiero, to Marelli Autronica S.p.A. Device for monitoring the pressure of fluid in a duct. 4,541,284, 9-17-85, Cl. 73-730.000.
- Guagliumi, Renato; and Blazic, Oscar, to Marelli Autronica S.p.A. Diagnostic device for a system for controlling the stopping and restarting of an internal combustion engine for motor vehicles. 4,561,296, 12-31-85, Cl. 73-118.000.
- Guala, Piergiacomo, to Angelo Guala S.p.A. Tamper evident closure. 4,494,664, 1-22-85, Cl. 215-252.000.
- Guala, Piergiacomo, to Angelo Guala S.p.A. Bottle closure. 4,550,845, 11-5-85, Cl. 215-252.000.
- Gualtieri, Devlin M.; and Tumelty, Paul F., to Allied Corporation. Temperature stable magnetic bubble compositions. 4,520,460, 5-28-85, Cl. 365-33.000.
- Gualtieri, John G.; and Vig, John R., to United States of America, Army. Techniques for locating beams within large area detectors. 4,493,991, 1-15-85, Cl. 250-203.00R.
- Gualtieri, Peter J.; and Goulet, Roger T., to Cambridge Filter Corporation. Downflow air filter construction and methods for air flow adjustment and leak testing thereof. 4,548,068, 10-22-85, Cl. 73-40.700.
- Guardian Fasteners and Closure Systems: *See—*
  - Marks, Milton, 4,510,826, Cl. 81-57.370.
- Guardian Products Company, Inc.: *See—*
  - Smith, Alfred A., 4,509,741, Cl. 272-69.000.
- Guardino, Robert F.; and Belly, Robert T., to Eastman Kodak Company. Process for rapidly differentiating between gram-negative and gram-positive microorganisms. 4,525,453, 6-25-85, Cl. 435-34.000.
- Guarnieri, C. Richard, to International Business Machines Corporation. Radiant energy collector having plasma-textured polyimide exposed surface. 4,521,442, 6-4-85, Cl. 427-38.000.
- Guarnieri, Joseph J.: *See—*
  - McKelvey, Thomas E.; and Guarnieri, Joseph J., 4,527,005, Cl. 136-221.000.
- Guarr, David. Storage device for spare tire. 4,498,614, 2-12-85, Cl. 224-273.000.
- Guay, Lawrence A., Jr. Gravity-operated toy. 4,522,605, 6-11-85, Cl. 446-228.000.
- Guay, R. Edgar, to Ministere de l'Energie et des Ressources. Method of treating a soil. 4,553,351, 11-19-85, Cl. 47-58.000.
- Guazzo, Lucien, to Les Cables de Lyon. Junction for joining the ends of two under water optical fiber cables, and method of manufacture. 4,516,830, 5-14-85, Cl. 350-96.220.
- Guba, Galina Y.: *See—*
  - Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.
- Gubitosa, Giuseppe; Berton, Antonio; Pernicone, Nicola; and Vidotto, Graziano, to Montepolimeri S.p.A. Method for the preparation of supported catalysts and supported catalysts thus obtained. 4,522,931, 6-11-85, Cl. 502-150.000.
- Gubler, Hans-Rudolf, to BBC Brown, Boveri & Company, Limited. Drive and mounting for an open-end spinning unit. 4,519,205, 5-28-85, Cl. 57-406.000.
- Gubler, Kurt: *See—*
  - Gehret, Jean-Claude; and Gubler, Kurt, 4,560,770, Cl. 548-561.000.
- Guch, Steve, Jr.; Gardner, Phillip J.; Braverman, Leonard W.; and Jones, Robert W., to GTE Government Systems Corporation. Multiple wavelength laser. 4,494,235, 1-15-85, Cl. 372-23.000.
- Guch, Steve, Jr., to GTE Government Systems Corporation. Narrow bandwidth laser apparatus. 4,558,452, 12-10-85, Cl. 372-99.000.
- Guckenheimer, Peter U., to Hewlett-Packard Company. Keyboard switch assembly having sensory feedback. 4,500,758, 2-19-85, Cl. 200-5.00A.
- Gucklhorn, Karl; and Carl, Wolfgang, to Alfing Kessler Sondermaschinen GmbH. Tool exchanging apparatus for a machine tool having a plurality of processing spindles. 4,532,693, 8-6-85, Cl. 29-568.000.
- Gudat, Wolfgang; Klatt, Alfred; and Sebesta, Gunter, to WABCO Fahrzeugbremsen GmbH. Pneumatic door-operating arrangement. 4,523,513, 6-18-85, Cl. 91-427.000.
- Gude, Armin: *See—*
  - Michel, Klaus; and Gude, Armin, 4,519,968, Cl. 264-178.00R.
- Gude, Fritz; Haferkorn, Herbert; Riemer, Heinz; and Dormann, Gunter, to Chemische Werke Huels AG. Process for the production of flat varnishes. 4,496,710, 1-29-85, Cl. 528-114.000.
- Gude, Fritz; and Haferkorn, Herbert, to Chemische Werke Huels AG. Process for removing naphthoquinone from phthalic anhydride produced through air oxidation of naphthalene. 4,547,578, 10-15-85, Cl. 549-250.000.
- Gude, Fritz; and von Praun, Ferdinand, to Chemische Werke Huels AG. Process for the recovery of five-membered ring dicarboxylic acid anhydrides. 4,562,264, 12-31-85, Cl. 549-261.000.
- Gude, Klaus E.: *See—*
  - Jons, Ebbe S.; and Gude, Klaus E., 4,495,162, Cl. 423-171.000.
- Gudesen, Alwin, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Passive method for obtaining target data from a sound source. 4,558,439, 12-10-85, Cl. 367-127.000.
- Gudgeon, Bryan, to International Computers Limited. Devices for and methods of mounting integrated circuit packages on a printed circuit board. 4,536,955, 8-27-85, Cl. 29-840.000.
- Gudkin, Timofei S.; Iordanishvili, Evgeny K.; Lidorenko, Nikolai S.; Malkovich, Bella E.; Kazumovsky, Mikhail I.; and Rubashov, Igor B. Thermoelectric cryoprobe. 4,519,389, 5-28-85, Cl. 128-303.100.
- Gudmundson, Gunnar G.: *See—*
  - Kitch, Paul E.; Crochetiere, Raymond H.; Gudmundson, Gunnar G.; and Hadank, Walter R., 4,519,688, Cl. 354-297.000.
- Guedj, F.; Defaucheux, J.; and Wiart, A., to Jeumont-Schneider Corporation. Variable reluctance electric motor for the translation of control rods in a nuclear reactor. 4,508,984, 4-2-85, Cl. 310-14.000.
- Guedon born Saglier, Isabelle; Barritault, Denis; Courtois, Yves; Arruti, Cristina; and Prunieras, Michel, to Institut National de la Saute et de la Recherche Medicale. Process for stimulating the growth of epidermal cells. 4,533,635, 8-6-85, Cl. 435-240.000.
- Gueguen, Daniel; and Rothera, Jacques, to Autoliv AB. Winder for a safety belt having a rapid locking and unlocking action and a reduced operating noise. 4,497,458, 2-5-85, Cl. 242-107.40B.
- Guelde, Ted W.: *See—*
  - McEwen, Stephen N.; and Guelde, Ted W., 4,507,061, Cl. 417-360.000.
- Gueldenpfennig, Klaus; Russell, Stanley L.; Oswald, William A.; Breidenstein, Charles J.; and Narula, Karam V. Digital private branch exchange. 4,521,879, 6-4-85, Cl. 370-62.000.
- Gueldenzopf, Thomas D., to S. C. Johnson & Son, Inc. Dissolvable bleach sheet. 4,532,063, 7-30-85, Cl. 252-90.000.
- Gueldenzopf, Thomas D.: *See—*
  - Schulz, Gerald O.; and Gueldenzopf, Thomas D., 4,557,852, Cl. 252-95.000.
- Guell, Mario R., to Tri-Saver Corporation. Gas saving apparatus. 4,539,966, 9-10-85, Cl. 123-557.000.
- Guelph Elastic Hosiery Company Limited: *See—*
  - Kent, David, 4,555,234, Cl. 441-106.000.
- Guendling, Fred W., Jr. Golf club putter. 4,523,758, 6-18-85, Cl. 273-77.00R.
- Guendling, Fred W., Jr. Training aid for hitting golf ball. 4,544,161, 10-1-85, Cl. 273-187.00A.
- Guens, Guy; and Krieger, Karl, to Hermann Hemscheidt Maschinenfabrik GmbH & Co. Arrangement for controlling an electrohydraulic valve. 4,557,293, 12-10-85, Cl. 137-625.650.
- Guenther, Geoffrey L. Three dimensional puzzle. 4,534,563, 8-13-85, Cl. 273-157.00R.
- Guenther, Kenneth L.; and Zemke, Edward H., to Bell & Howell Company. Inserter with improved media transport having pivotal spring biased sheet hold-downs adjacent transport belt. 4,494,742, 1-22-85, Cl. 270-58.000.
- Guenther, William D., to Dana Corporation. Composite thermal shield for engine components. 4,546,048, 10-8-85, Cl. 428-608.000.

Guenthner, Russell W.: *See—*

Circello, Joseph C.; and Guenthner, Russell W., 4,538,238, Cl. 364-746.000.

Ryan, Charles P.; Guenthner, Russell W.; and Trubisky, Leonard G., 4,527,238, Cl. 364-200.000.

Ryan, Charles P.; and Guenthner, Russell W., 4,551,799, Cl. 364-200.000.

Guenzer, Charles S.: *See—*

Wolicki, Eligius A.; and Guenzer, Charles S., 4,529,884, Cl. 250-370.000.

Guequierre, Denis D.: *See—*

Berger, L. Joseph, Jr.; and Guequierre, Denis D., 4,493,717, Cl. 55-330.000.

Gueremy, Claude G. A.: *See—*

Audiau, Francois; Gueremy, Claude G. A.; and Le Fur, Gerard R., 4,535,080, Cl. 514-255.000.

Gueret, Jean-Louis H., to L'Oreal. Hair brush with a flexible base plate made of a plastic material. 4,500,939, 2-19-85, Cl. 361-221.000.

Gueret, Jean-Louis H.; and Arraudeau, Jean-Pierre, to L'Oreal. Make-up brush. 4,545,393, 10-8-85, Cl. 132-88.500.

Gueret, Jean-Louis H.; and Beck, Jean-Paul C., to L'Oreal. Combing device with antistatic properties. 4,549,559, 10-29-85, Cl. 132-11.00R.

Gueret, Jean-Louis H., to L'Oreal. Eyelash brush and method and apparatus for manufacturing same. 4,561,456, 12-31-85, Cl. 132-88.700.

Gueret, Jean-Louis M., to L'Oreal. Make-up unit with a safety fastener. 4,503,872, 3-12-85, Cl. 132-88.500.

Guerguerian, Rhual L.: *See—*

Shaver, Marvin B.; and Guerguerian, Rhual L., 4,561,599, Cl. 241-34.000.

Guerillot, Stephane: *See—*

Dureigne, Bernard; Guerillot, Stephane; and Regnault, Alain, 4,511,992, Cl. 364-825.000.

Guerin, Bernard; Poisson, Pierre; and Sturtz, Georges, to Ato Chimie. Hemiesters of phosphonic acids. 4,495,111, 1-22-85, Cl. 260-932.000.

Guerin, Gabriel. Fixation device for an artificial stone plate facing on a wall structure. 4,553,366, 11-19-85, Cl. 52-487.000.

Guerin, Yves, to ETA S.A., Fabriques d'Ebauches. Method and device for controlling a stepping motor. 4,507,599, 3-26-85, Cl. 318-696.000.

Guerin, Yves: *See—*

Antognini, Luciano; and Guerin, Yves, 4,551,665, Cl. 318-696.000.

Besson, Rene ; and Guerin, Yves, 4,558,268, Cl. 318-696.000.

Grandjean, Remy; and Guerin, Yves, 4,514,676, Cl. 318-696.000.

Guerlet, Bernard G. J.: *See—*

Dore, Jacques P.; and Guerlet, Bernard G. J., 4,507,100, Cl. 464-111.000.

Guernet, Jacques: *See—*

Besson, Bernard; and Guernet, Jacques, 4,548,098, Cl. 74-687.000.

Guerout, Jean B.; and Urbin, Jack, to AMP Incorporated. Method and apparatus for connecting an insulating housing of a connector and a cover. 4,525,927, 7-2-85, Cl. 29-861.000.

Guerra-Garcia, Gilberto: *See—*

Martinez-Vera, Enrique; Guerra-Garcia, Gilberto; and Tovalin, Jose L. L., 4,498,498, Cl. 137-613.000.

Guerreau, Rene: *See—*

Beyl, Jean; Bernard, Jean; Guerreau, Rene; le Faou, Daniel; and Peyre, Henri, 4,508,360, Cl. 280-605.000.

Guerrero, Benjamin G., to Mattel, Inc. Floppy limbed water immersible figure toy. 4,526,553, 7-2-85, Cl. 446-380.000.

Guerrero, Manuel A., to Sony Corporation. Inertial tape positioning method and apparatus. 4,511,937, 4-16-85, Cl. 360-72.100.

Guerret, Patrick G.: *See—*

Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.

Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.

Guerriero, Renato, to SAMIN Societa Azionaria Minero-Metallurgica S.p.A. Alloyed-lead corrosion-resisting anode. 4,517,065, 5-14-85, Cl. 204-119.000.

Guerriero, Renato; Veronese, Giuseppe; Baradel, Agostino; and Rivola, Luigi, to SAMIM Societa Azionaria Minero-Metallurgica S.p.A. Process for the separation of arsenic from acid solutions containing it. 4,547,346, 10-15-85, Cl. 423-87.000.

Guerry-Kopecko, Patricia: *See—*

Milch, Robert A.; Guerry-Kopecko, Patricia, Koeble-Smith, Carol; and Sybert, Edward M., 4,547,226, Cl. 127-41.000.

Guers, Karl; and Beck, Rasmus, to Battelle-Institut e.V. Laser apparatus. 4,504,954, 3-12-85, Cl. 372-61.000.

Guertin, Joseph J.; and Provencal, Earl J., to United Technologies Corporation. Method for reshaping a gas turbine engine combustor part. 4,498,617, 2-12-85, Cl. 228-119.000.

Guertin, Joseph R., to United Technologies Corporation. Means for refacing a fuel nozzle and method thereof. 4,509,299, 4-9-85, Cl. 51-237.00R.

Guertin, Robert W., to Dover Corporation. Vapor recovery system having automatic shut-off mechanism. 4,497,350, 2-5-85, Cl. 141-206.000.

Guesdon, Jean-Luc: *See—*

Avrameas, Stratis; and Guesdon, Jean-Luc, 4,526,871, Cl. 436-504.000.

Guesnet, Patrice: *See—*

Maurice, Jacques; Guesnet, Patrice; Tozzolino, Pierre; and Muller, Guy, 4,554,137, Cl. 423-26.000.

Guess, Hal E., to R. J. Reynolds Tobacco Company. Smoking article having reduced sidestream smoke. 4,561,454, 12-31-85, Cl. 131-365.000.

Guess, Joe F.; and Pearce, Thomas, to Technicare Corporation. Pressurizing syringe. 4,492,317, 1-8-85, Cl. 222-39.000.

Guess, Joe F.: *See—*

Oakley, Clyde G.; Guess, Joe F.; Robbins, Cheston W.; Kelly, Robert M.; Skaar, Dean N.; and Walker, Stephen D., 4,542,745, Cl. 252-312.000.

Guest, Alice Hamilton: *See—*

Hamilton, Lyman L., 4,539,774, Cl. 43-80.000.

Guest, Andrew J.; and Washington, Derek, to U.S. Philips Corporation. Laminated channel plate electron multiplier. 4,544,860, 10-1-85, Cl. 313-103.0CM.

Guest, Donald K.; and Spector, George. Banjo mute. 4,558,625, 12-17-85, Cl. 84-273.000.

Guetlhuber, Friedrich: *See—*

Moeller, Friedrich-Wilhelm; Buchold, Henning; Klein, Helmut; Garkisch, Otto-Ludwig; Guetlhuber, Friedrich; and Laber, Walter, 4,549,032, Cl. 585-445.000.

Guetschow, Jimmy L.: *See—*

Sennett, Thomas; and Guetschow, Jimmy L., 4,559,105, Cl. 162-352.000.

Gueugnon, Catherine; and Bernstein, Pierre, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Pattern generator for integrated circuits and process of generating patterns by means of said generator. 4,514,082, 4-30-85, Cl. 355-54.000.

Gueussier, Andre; and Vachiery, Edmond, to Vallourec. Method for the fabrication of steels with high machinability. 4,531,972, 7-30-85, Cl. 75-58.000.

Gueussier, Andre; and Vachiery, Edmond, to Vallourec. Method of treating steel with calcium, to obtain a steel well adapted to cold forming, with a low silicon content. 4,555,265, 11-26-85, Cl. 75-53.000.

Guevara, Erick: *See—*

Hambleton, Thomas P.; Guevara, Erick; and Rychiger, Peter, 4,557,398, Cl. 220-270.000.

Guex, Betty S.: *See—*

Strom, Larry O.; and Guex, Betty S., 4,508,107, Cl. 128-54.000.

Gueyne, Jean: *See—*

Seguin, Marie-Christine; and Gueyne, Jean, 4,549,990, Cl. 260-397.250.

Guffey, David M.: *See—*

Meigs, William; Guffey, David M.; and Brumfield, Donald E., 4,514,948, Cl. 52-397.000.

Guffroy, Gerard, to De Dietrich & Cie. Process for enamelling objects electrostatically by means of a gun. 4,500,560, 2-19-85, Cl. 427-8.000.

Gugel, Bernd, to Mannesmann Aktiengesellschaft. Print head construction. 4,541,745, 9-17-85, Cl. 400-124.000.

Gugel, Bernd; and Niebel, Harald, to Mannesmann Aktiengesellschaft. Print head with permanent magnetic bias. 4,552,471, 11-12-85, Cl. 400-124.000.

Gugel, Ernst: *See—*

Leimer, Gerhard; and Gugel, Ernst, 4,495,122, Cl. 264-65.000.

Gugel, Georg: *See—*

Muller, Thomas; Lehner, Gunter; and Gugel, Georg, 4,523,470, Cl. 73-623.000.

Guggemos, Hans; and Weber, Rolf-Dieter, to Saurer-Allma GmbH. Pneumatic drive for a swingable spool holder. 4,497,451, 2-5-85, Cl. 242-37.00R.

Guggenheim, Howard J.: *See—*

Camlibel, Irfan; Guggenheim, Howard J.; Singh, Shobha; Van Uitert, LeGrand G.; and Zydzik, George J., 4,502,898, Cl. 148-188.000.

Guggenmos, Johannes: *See—*

Krappel, Alfred; Guggenmos, Johannes; and Holzmann, Josef, 4,506,643, Cl. 123-418.000.

Minner, Willy; Krappel, Alfred; and Guggenmos, Johannes, 4,509,482, Cl. 123-418.000.

Gugl, Peter: *See—*

Glantschnig, Josef; Gugl, Peter; Puntschart, Ernst; and Zimmer, Johannes P. M., 4,542,692, Cl. 101-123.000.

Glantschnig, Josef; and Gugl, Peter, 4,561,354, Cl. 101-120.000.

Guglielmetti, Leonardo, to Ciba-Geigy Corporation. 4-styryl-4'-vinylbiphenyls, the production thereof and use thereof as fluorescent. 4,508,784, 4-2-85, Cl. 252-301.210.

Guglielmetti, Leonardo, to Ciba-Geigy Corporation. Amine oxide compounds. 4,539,161, 9-3-85, Cl. 260-465.00E.

Guglielmo, Alfred R.: *See—*

Lockerby, W. Lee; and Guglielmo, Alfred R., 4,503,586, Cl. 17-48.000.

Guglielmo, Jean. Machine for truing electrical collectors and the like. 4,536,915, 8-27-85, Cl. 15-345.000.

Guglielmo, Richard J., Sr., to EMA Company. Preservative system composition for non-porous surfaces and wooden surfaces. 4,554,092, 11-19-85, Cl. 252-400.00R.

Guglielmo, Richard J., Sr., to EMA Company. Wood preservative system composition. 4,555,356, 11-26-85, Cl. 252-400.00R.

Gugliermotte, Francis: *See—*

Alary, Jean-Andre; Cot, Louis; Gugliermotte, Francis; Larbot, Andre; and Guizard, Christian, 4,562,021, Cl. 264-43.000.

Guguen, Claude: *See—*

Bousquet, Jacques; and Guguen, Claude, 4,497,703, Cl. 208-111.000.

Guha, Probir K.: *See—*
  Iseler, Kenneth A.; Guha, Probir K.; and Yen, Robert C., 4,535,110, Cl. 524-196.000.
Guha, Subhendu; and DenBoer, William, to Energy Conversion Devices, Inc. Photovoltiac device having long term energy conversion stability and method of producing same. 4,555,586, 11-26-85, Cl. 136-259.000.
Guha, Subhendu: *See—*
  Hack, Michael; and Guha, Subhendu, 4,547,621, Cl. 136-249.0TJ.
Guhl, Thomas E.: *See—*
  Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, 4,505,943, Cl. 426-565.000.
Guhne, Wieland: *See—*
  Ahlf, Heinz-Jurgen; Guhne, Wieland; Wulf, Peter; and Simm, Hans-Peter, 4,538,322, Cl. 15-387.000.
Guhring, Gottlieb: *See—*
  Diener, Herbert, 4,520,595, Cl. 51-3.000.
Guibert, Raul. Articulated manual exercise bar. 4,557,479, 12-10-85, Cl. 272-122.000.
Guibet, Jean P.: *See—*
  Carre, Christian; and Guibet, Jean P., 4,534,778, Cl. 55-340.000.
Guichard, Serge: *See—*
  Hardy, Patrick; Cantagrel, Michel; and Guichard, Serge, 4,516,186, Cl. 361-306.000.
Guicquero, Jean P., to Chryso S.A. Fluidizing agents for hydraulic bonding materials; hydraulic bonding materials containing said fluidizing agents; method of making and using same. 4,518,725, 5-21-85, Cl. 524-3.000.
Guidat, Gilbert R. Method of manufacturing heat insulating aggregates or pellets and product thus obtained. 4,528,037, 7-9-85, Cl. 106-81.000.
Guidelli, Rolando; and Foresti, Maria L., to Consiglio Nazionale Delle Ricerche. Hanging mercury drop electrode capable of automatic control. 4,548,679, 10-22-85, Cl. 204-1.00T.
Guidevaux, Jacques, to Thomson-CSF. Coaxial microwave load isolator of the three-plate type including such a load and use of such an isolator. 4,551,693, 11-5-85, Cl. 333-22.00R.
Guidez, Joel: *See—*
  Brachet, Alain; Figuet, Jacques; Guidez, Joel; and Lions, Noel, 4,519,978, Cl. 376-307.000.
Guidi, Loris: *See—*
  Vanni, Sergio; Guidi, Loris; Vallini, Paolo; Pace, Renato C.; and Scotti, Carlo, 4,560,384, Cl. 8-94.210.
Guidice, John N.: *See—*
  Tracton, Arthur A.; and Guidice, John N., 4,517,240, Cl. 428-326.000.
Guidicelli, Charles, to Societe Anonyme D.B.A. Device for fixing a flexible conduit to a panel. 4,494,719, 1-22-85, Cl. 248-27.100.
Guidicianne, Sidney J.: *See—*
  Mugford, David B.; and Guidicianne, Sidney J., 4,538,812, Cl. 273-73.00R.
Guidotti, Ronald A.: *See—*
  Delnick, Frank M.; Guidotti, Ronald A.; and McCarthy, David K., 4,508,796, Cl. 429-112.000.
Guidoux, Loic B. Y., to Telecommunications Radioelectriques et Telephoniques. Arrangement for testing a device provided with an echo canceller. 4,549,049, 10-22-85, Cl. 179-175.31E.
Guidoux, Loic B. Y.: *See—*
  Brie, Richard; and Guidoux, Loic B. Y., 4,531,220, Cl. 375-14.000.
Guidry, Shelby L.; and DeCuir, Perry J., Sr., to Schlumberger Technology Corporation. Full-bore drill stem testing apparatus with surface pressure readout. 4,510,797, 4-16-85, Cl. 73-151.000.
Guigan, Jean, to Inovelf. Apparatus for bringing a liquid sample successively into contact with a number of reagents. 4,519,981, 5-28-85, Cl. 422-64.000.
Guigas, Bruno: *See—*
  Schneider, Lutz; and Guigas, Bruno, 4,514,822, Cl. 364-900.000.
Guignard, Paul C.; and Ream, Michael D., to Up-Right, Inc. Steering and drive system. 4,557,346, 12-10-85, Cl. 180-242.000.
Guigon, Jean-Paul, to Framatome & Cie. Device for supporting and rotating a part of large dimensions. 4,533,128, 8-6-85, Cl. 269-58.000.
Guigonis, Jacques, to Societe Europeenne des Produits Refractaires. Mouldable refractory composition based on partially stabilized zirconia and on an aluminous hydraulic binder, its preparation and mouldings manufactured from this composition. 4,506,023, 3-19-85, Cl. 501-104.000.
Guilbert, Jean M. A. M.: *See—*
  Mouilhayrat, Guy G.; Duchon, Paul A. J.; Guilbert, Jean M. A. M.; and Rolfo, Andre A., 4,508,297, Cl. 244-173.000.
Guild Associates, Inc.: *See—*
  Schlaechter, John, 4,534,346, Cl. 128-205.120.
Guild, Gerald A.: *See—*
  Olshansky, Alexis; and Guild, Gerald A., 4,520,704, Cl. 83-499.000.
Guild International Inc.: *See—*
  Cooper, Christopher C.; and Economou, Dimitri, 4,529,140, Cl. 242-55.000.
Guile, Donald L.: *See—*
  Gardner, Robert W.; Guile, Donald L.; and Lynn, Merrill, 4,551,295, Cl. 264-177.00R.
Guile, Roy N.: *See—*
  Johnson, Bruce V.; and Guile, Roy N., 4,559,628, Cl. 372-104.000.
Guiler, Richard S., to Fuji Electric Co., Ltd. Lock assembly for enclosure cover. 4,551,999, 11-12-85, Cl. 70-159.000.
Guiles, Chester L.: *See—*
  Kutnyak, Thomas A.; Dunn, George T.; and Guiles, Chester L., 4,518,018, Cl. 138-130.000.
Guilford Kapwood Limited: *See—*
  Kowalski, Michael S., 4,546,026, Cl. 428-91.000.
Guilford, Nigel G. H.; and Cadotte, Alan P., to Tricil Limited. Treatment of acidic organic and alkaline inorganic wastes. 4,530,292, 7-23-85, Cl. 110-346.000.
Guilhem, Jean R., to Gaz de France; and Applied Thermodynamics & LNG Service. Storage tank for cryogenic liquefied gas. 4,498,304, 2-12-85, Cl. 62-49.000.
Guilino, Gunther; Barth, Rudolf; and Koppen, Werner, to Optische Werke G. Rodenstock. Spectacle lens with high positive refractive power. 4,504,128, 3-12-85, Cl. 351-167.000.
Guillaume, Errick, to Hermes Precisa International S.A. Means for detecting the end of a ribbon for typewriters. 4,492,483, 1-8-85, Cl. 400-208.000.
Guillaume, Jean-Luc, to Societe a Responsabilite Limitee styled: Speri-France. Waterproof fabric and fabrication method thereof. 4,537,817, 8-27-85, Cl. 428-260.000.
Guillaume, Michel; and Pichot, Michel. Method and device for measuring temperature using a diffraction grating. 4,525,066, 6-25-85, Cl. 356-43.000.
Guillaume, Michel: *See—*
  Six, Jean-Claude G.; Claeys, Paul; and Guillaume, Michel, 4,519,771, Cl. 431-25.000.
Guillaume, Paul; Vezin, Luc; and Dubi, Bernard, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Oxy-fuel burners. 4,494,923, 1-22-85, Cl. 431-9.000.
Guillemet, Bernard: *See—*
  Guittard, Pierre; Guillemet, Bernard; and Piaget, Claude, 4,536,679, Cl. 313-541.000.
Guillemin, Roger C. L.: *See—*
  Ling, Nicholas C.; Esch, Frederick S.; Bohlen, Peter; Brazeau, Paul E., Jr.; and Guillemin, Roger C. L., 4,517,181, Cl. 514-12.000.
Guillerm, Jean: *See—*
  Fondronnier, Jacques; Guillerm, Jean; and Comte, Michel, 4,559,987, Cl. 144-213.000.
Guillet, James E. Photochemical reactions for commercial synthesis. 4,525,255, 6-25-85, Cl. 204-158.00R.
Guillet, James E.; Heskins, Michael; and Murray, D. Gary. Polymeric flocculants. 4,536,294, 8-20-85, Cl. 210-730.000.
Guillien, Michel: *See—*
  Hing, Sam A.; and Guillien, Michel, 4,513,178, Cl. 179-81.00R.
  Hing, Samath; and Guillien, Michel, 4,549,129, Cl. 323-276.000.
Guillon, Henri, to G.I.E. Technistan. Weather strip for vehicle windows. 4,530,186, 7-23-85, Cl. 49-441.000.
Guillon, Michel; Mondet, Jean; Papantoniou, Christos; and Vandenbossche, Claudine, to L'Oreal. Cosmetic makeup containing colored pigments salified with amine functions. 4,492,686, 1-8-85, Cl. 424-61.000.
Guillonneau, Claude: *See—*
  Regnier, Gilbert; Guillonneau, Claude; Duhault, Jacques; and Boulanger, Michelle, 4,548,820, Cl. 514-255.000.
Guillory, Jack P.: *See—*
  Eastman, Alan D.; Guillory, Jack P.; Cook, Charles F.; and Kimble, James B., 4,497,971, Cl. 585-658.000.
  Reed, Larry E.; Porter, Randall A.; Farha, Floyd E., Jr.; and Guillory, Jack P., 4,511,405, Cl. 106-15.050.
Guillot, Edmond P., to Gem Industries, Inc. Crib drop side latch. 4,535,493, 8-20-85, Cl. 5-100.000.
Guillot, Jean: *See—*
  Raynaud, Jacques; Darmois, Jean; Jolivet, Pierre; and Guillot, Jean, 4,531,693, Cl. 244-52.000.
Guilloteau, Rene, to Societe Generale pour les Techniques Nouvelles S.G.N. Rotary device for shearing a bundle of tubes containing burnt nuclear fuels. 4,510,832, 4-16-85, Cl. 83-168.000.
Guilloteau, Rene, to Societe Generale pour les Techniques Nouvelles S.G.N. Method and devices for producing exchanges in reservoirs used for storing radioactive materials. 4,511,500, 4-16-85, Cl. 252-633.000.
Guillou, Denis: *See—*
  Ravinet, Pierre; Claudepierre, Christian; Guillou, Denis; and Micheron, Francois, 4,535,205, Cl. 179-110.00A.
Guillou, Francoise: *See—*
  Le Creff, Michel; Guillou, Francoise; and Buhagiar, Francois, 4,562,309, Cl. 179-90.00R.
Guillou, Louis C.; Le Bris, Raymond; and Le Rest, Ambroise. Generator of encoding or decoding 8-bit bytes which can be used in a video system. 4,543,559, 9-24-85, Cl. 340-347.0DD.
Guilloux, Bernard, to CEM Compagnie Electro-Mecanique. Static traction/braking switch-over circuit for a variable speed system including an asynchronous motor powered by current switching. 4,543,518, 9-24-85, Cl. 318-757.000.
Guilmette, Joseph G.; and Wright, Robert C. Method and apparatus for the recovery and recycling of condensable gas reactants. 4,551,197, 11-5-85, Cl. 156-642.000.
Guim Multi-Tech Corporation: *See—*
  Greenberg, M. Barry, 4,499,447, Cl. 337-266.000.
Guimond, Roy A.; Gulliksen, John E.; and Reed, Nanci W., to Koehler Manufacturing Company. Lead acid battery with self-registering grid complement and methods of making and operating same. 4,508,801, 4-2-85, Cl. 429-238.000.
Guimont, John M.; Manser, Gerald E.; and Ross, Donald L., to United States of America, Air Force. Preparation and polymerization of oxetber-1. 4,560,779, 12-24-85, Cl. 549-510.000.
Guinard, Pierre, to Freyssinet International (STUP). Device for connecting isostatic elements in line. 4,509,305, 4-9-85, Cl. 52-223.00R.

Guinn, Douglas B., to Outboard Marine Corporation. Marine propulsion device including cathodic protection. 4,549,949, 10-29-85, Cl. 204-197.000.

Guinn, Ronald K.: *See—*

Goertz, Arnold E.; and Guinn, Ronald K., 4,500,042, Cl. 241-238.000.

Johnson, John F.; Buller, Richard J.; and Guinn, Ronald K., 4,503,643, Cl. 51-247.000.

Guinon, Walter J.; and Lamb, Richard H., Jr., to Charles Stark Draper Laboratory, Inc., The. Spread spectrum adaptive code tracker. 4,550,414, 10-29-85, Cl. 375-1.000.

Guinosso, Charles J., to American Home Products Corporation. Preparation of indoline-2-carboxylic acid via the intermediate indoline-2-carboxylic acid ester tin complex. 4,535,168, 8-13-85, Cl. 548-402.000.

Guipaud, Serge, to Equipements Automobiles Marchal. Method and device to vary the ignition timing angle to avoid pinging in an internal combustion engine. 4,527,524, 7-9-85, Cl. 123-425.000.

Guipont, Raymond: *See—*

De Conto, Pierre; and Guipont, Raymond, 4,495,633, Cl. 378-55.000.

Guiseppi-Elie, Anthony; and Wnek, Gary E., to Massachusetts Institute of Technology. Stabilization of conductive polymers in aqueous environments. 4,499,007, 2-12-85, Cl. 252-500.000.

Guisinger, Barrett E., to Sony Corporation. Wideband record amplifier. 4,510,459, 4-9-85, Cl. 330-265.000.

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Guisinger, Barrett E., to Sony Corporation. Apparatus and method for reading and writing data on a magnetic disc. 4,561,028, 12-24-85, Cl. 360-77.000.

Guitel, Jean-Claude; and le Faou, Daniel, to Ste Look. Rear element for a ski binding. 4,558,884, 12-17-85, Cl. 280-620.000.

Guittard, Pierre; Jarry, Philippe; Ducarre, Alphonse; and Haji, Lazhar, to U.S. Philips Corporation. Semiconductor device for the vacuum-emission of electrons. 4,518,980, 5-21-85, Cl. 357-30.000.

Guittard, Pierre; Guillemet, Bernard; and Piaget, Claude, to U.S. Philips Corporation. Photocathode. 4,536,679, 8-20-85, Cl. 313-541.000.

Guittet, Jack; Marchal, Paul; Micaelli, Alain; and Vertut, Jean, to Commissariat a l'Energie Atomique. Servosystem between a master actuator and a slave actuator. 4,510,574, 4-9-85, Cl. 364-513.000.

Guizard, Christian: *See—*

Alary, Jean-Andre; Cot, Louis; Gugliermotte, Francis; Larbot, Andre; and Guizard, Christian, 4,562,021, Cl. 264-43.000.

Guizzi, Guido: *See—*

Neri, Carlo; Giroldini, Villiam; Traversoni, Mario; Guizzi, Guido; Perrotti, Emilio; and Rinaldi, Antonio, 4,562,266, Cl. 549-462.000.

Gujer, Peter; Guldenfels, Dieter; Wirz, Armin; Knopp, Hans; Herion, Dieter; and Conzelmann, Gerhard, to Rieter Machine Works, Ltd. Method of threading a thread into a texturing nozzle. 4,519,115, 5-28-85, Cl. 28-255.000.

Gulas, Michael P.: *See—*

Gelhorn, Carolyn; and Gulas, Michael P., 4,547,781, Cl. 346-33.00R.

Gulati, Surender K.; and Schneider, Clayton E., Jr., to AT&T Bell Laboratories. Noise rejection Set-Reset Flip-Flop circuitry. 4,506,165, 3-19-85, Cl. 307-272.00A.

Gulati, Surender K., to AT&T Bell Laboratories. Multiple self-contained logic gate counter circuit. 4,513,432, 4-23-85, Cl. 377-121.000.

Gulbenkian, Aylin H.: *See—*

Campbell, Kent D.; Gulbenkian, Aylin H.; Edamura, Fred Y.; and Kyriacou, Demetrios, 4,496,440, Cl. 204-78.000.

Gulbins, Erich: *See—*

Gimpel, Juergen; Schwendemann, Volker; and Gulbins, Erich, 4,530,978, Cl. 525-528.000.

Schenck, Hans-Uwe; Blum, Rainer; Gulbins, Erich; Kempter, Fritz-Erdmann; and Schupp, Eberhard, 4,495,327, Cl. 524-556.000.

Guldberg, Erik J.: *See—*

Cicci, George B.; and Guldberg, Erik J., 4,546,599, Cl. 56-16.400.

Gulden, Walter: *See—*

Engelhardt, Friedrich; Schmitz, Hermann; Gulden, Walter; and Hax, Jorg, 4,521,579, Cl. 526-287.000.

Guldenfels, Dieter: *See—*

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Gulf Canada Limited: *See—*

Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.

Edmunds, Neil R., 4,501,326, Cl. 166-272.000.

McCorriston, Lois L., 4,536,374, Cl. 423-68.000.

Gulf Oil Corporation: *See—*

Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., 4,524,171, Cl. 524-376.000.

Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., 4,535,115, Cl. 524-376.000.

Dickerson, Richard C., 4,526,229, Cl. 166-120.000.

Fair, John C.; and Ferguson, Kenneth R., 4,507,055, Cl. 417-12.000.

Forgac, John M.; and Hoekstra, George R., 4,552,214, Cl. 166-259.000.

Heilman, William J.; and Kemp, Richard A., 4,525,557, Cl. 526-128.000.

Lakshmanan, Pallavoor R., 4,500,661, Cl. 524-77.000.

Taylor, James L., 4,544,477, Cl. 208-11.00R.

Venardos, Dean G.; and Grieves, Colin G., 4,495,056, Cl. 208-11.00R.

York, Earl D.; Johnson, David M.; and Miller, Paul B., 4,548,702, Cl. 208-11.00R.

Gulf Research & Development Company: *See—*

Bakshi, Kiran R.; D'Souza, Adrian; and Sabourin, Edward T., 4,560,800, Cl. 568-306.000.

Beach, David L.; and Harrison, James J., 4,507,247, Cl. 260-446.000.

Beach, David L.; and Harrison, James J., 4,529,554, Cl. 556-14.000.

Beuther, Harold; Kibby, Charles L.; Kobylinski, T. P.; and Pannell, Richard B., 4,493,905, Cl. 502-325.000.

Beuther, Harold; Kobylinski, Thaddeus P.; Lee, Win-Chung; and Schmid, Bruce K., 4,541,916, Cl. 208-8.0LE.

Innes, Robert A.; and Swift, Harold E., 4,545,943, Cl. 260-465.300.

Jones, Richard C.; and Powell, John M., 4,558,438, Cl. 367-71.000.

Kibby, Charles L.; and Kobylinski, Thaddeus P., 4,492,774, Cl. 518-713.000.

Kibby, Charles L.; and Kobylinski, Thaddeus P., 4,497,903, Cl. 502-85.000.

Krol, David A., 4,491,181, Cl. 166-301.000.

Lopez, Jaime; McKinney, Joel D.; and Pasek, Eugene A., 4,557,821, Cl. 208-108.000.

Mitchell, Bruce R.; and Vogel, Roger F., 4,520,120, Cl. 502-68.000.

Onopchenko, Anatoli; Sabourin, Edward T.; and Selwitz, Charles M., 4,560,721, Cl. 524-378.000.

Templin, Philip R.; and Fareri, Elizabeth L., 4,518,394, Cl. 44-38.000.

Vogel, Roger F.; Rennard, Raymond J.; and Tabacek, Joseph A., 4,547,487, Cl. 502-351.000.

Gulf South Research Institute: *See—*

Gettleman, Lawrence; Farris, Charles L.; Rawls, H. Ralph; and LeBouef, Ralph J., Jr., 4,543,379, Cl. 523-120.000.

Gulf States Paper Corporation: *See—*

Blagg, Bobby W.; and Gulliver, Richard F., 4,552,293, Cl. 229-1.50B.

Gulf & Western: *See—*

Meggs, Daniel H.; Gross, Herbert G.; and Greenslade, John T., 4,521,835, Cl. 362-183.000.

Gulf & Western Manufacturing Company: *See—*

Charboneau, Ben J.; and Zerod, Richard D., 4,506,258, Cl. 340-618.000.

Dotson, Jarvis L., 4,515,036, Cl. 74-535.000.

Fernandez, John E.; and LaRocca, William J., 4,545,467, Cl. 192-4.00A.

Kwiatkowski, Keith A.; Fernandez, John E.; and LaRocca, William J., 4,541,300, Cl. 74-476.000.

Lindahl, Herbert S.; Barsteika, Paul V.; and Werner, Daniel P., 4,551,989, Cl. 62-468.000.

Malesko, Michael W., 4,492,833, Cl. 200-61.780.

Zulauf, Gary B.; and Charboneau, Ben J., 4,497,205, Cl. 73-313.000.

Gulibon, Robert S.: *See—*

Fitzgerald, Gary W.; Gulibon, Robert S.; and Penrod, Paula M., 4,553,884, Cl. 408-143.000.

Liang, Dah-Ben; and Gulibon, Robert S., 4,549,615, Cl. 175-389.000.

Gulich, Gerhard: *See—*

Bressert, Edgar; Gulich, Gerhard; Martini, Helmut; Meny, Rudi; Sauer, Roland; and Wohr, Rolf, 4,543,570, Cl. 340-589.000.

Gulick, Michael H.: *See—*

Madonio, Andrew M.; and Gulick, Michael H., 4,539,775, Cl. 49-255.000.

Gulick, William D., to S&A Corporation. Wedge device for a pleasure boat cockpit. 4,516,519, 5-14-85, Cl. 114-270.000.

Gulistan, Bulent. Captive panel screw. 4,553,890, 11-19-85, Cl. 411-318.000.

Gulko, George M.: *See—*

Jahnke, Frederick C.; Crouch, William B.; and Gulko, George M., 4,502,869, Cl. 48-197.00R.

Jahnke, Frederick C.; Crouch, William B.; and Gulko, George M., 4,559,061, Cl. 48-63.000.

Gulla, Michael; Taylor, Paul; and Oddi, Michael J., to Shipley Company Inc. Photoresist composition of cocondensed naphthol and phenol with formaldehyde in admixture with positive o-quinone diazide or negative azide. 4,551,409, 11-5-85, Cl. 430-192.000.

Gulla, Michael: *See—*

Orio, Alfred P.; Levy, Leonard R.; and Gulla, Michael, 4,511,403, Cl. 106-1.220.

Gullett, Edwin P.; Davis, Gerald B.; and Bustos, Rafael T., to Leggett & Platt, Incorporated. Shelf structure for a display rack. 4,519,508, 5-28-85, Cl. 211-59.200.

Gulley, Brian W.; Williamson, Gilbert J.; Carmichael, Richard Q.; Cooke, David F.; and Taylor, Roderick, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for the Environment in Her Britannic Majesty's Government of the. Process and apparatus for production of refuse derived fuel. 4,561,860, 12-31-85, Cl. 44-10.00R.

Gullfiber AB: *See—*

Csiki, Kalman, 4,498,469, Cl. 128-152.000.

Ransheim, Anders P.; Thomsen, Arne; and Holmgren, Per, 4,517,845, Cl. 73-861.050.

Gullickson, Myron L. Aeration duct system. 4,520,714, 6-4-85, Cl. 98-56.000.

Gulliksen, John E.: *See—*

Guimond, Roy A.; Gulliksen, John E.; and Reed, Nanci W., 4,508,801, Cl. 429-238.000.

Gullikson, Ralph G., to Owens-Illinois, Inc. Shipping and display carton with cut protection for contents. 4,553,666, 11-19-85, Cl. 206-44.00R.

Gulling, Donna C.: *See—*

  Davis, Sammy G.; and Gulling, Donna C., 4,500,291, Cl. 433-213.000.

Gulliver, Richard F.: *See—*

  Blagg, Bobby W.; and Gulliver, Richard F., 4,552,293, Cl. 229-1.50B.

Gullotti, Damian V.; Winter, Joseph; Young, Kenneth P.; and Evans, Robert D., to International Telephone and Telegraph Corporation. Apparatus for providing improved slurry cast structures by hot working. 4,524,820, 6-25-85, Cl. 164-476.000.

Gully, John H.: *See—*

  Weldon, William F.; and Gully, John H., 4,544,874, Cl. 322-10.000.

  Weldon, William F.; Gully, John H.; and Walls, William A., 4,562,368, Cl. 310-178.000.

Gulton Industries, Inc.: *See—*

  Burkarth, Jack L., 4,499,815, Cl. 98-40.140.

Gultsev, Igor V.: *See—*

  Braginsky, Yakov I.; Gultsev, Igor V.; Mitrofanov, Viktor A.; Nikitushkin, Nikolai A.; and Yaroshenko, Yury F., 4,517,707, Cl. 17-71.000.

Gum, Peter H.: *See—*

  Bean, George H.; and Gum, Peter H., 4,494,189, Cl. 364-200.000.

Gumaer, Robert A.; and Mortenson, John A., to International Business Machines Corporation. Method for managing a buffer pool referenced by batch and interactive processes. 4,509,119, 4-2-85, Cl. 364-200.000.

Gumb, Beverley W. T.: *See—*

  Freeman, Raymond C.; Gumb, Beverley W. T.; and Busche, Alan C., 4,529,846, Cl. 179-115.50R.

  Reintjes, Anthony B.; Fleming, Robert J.; and Gumb, Beverley W. T., 4,508,755, Cl. 427-58.000.

Gumkowski, Bert A.; and Oltmanns, Roger W., Jr., to Allied Corporation. Spring for a disc brake. 4,560,037, 12-24-85, Cl. 188-73.380.

Gumma, Alexandre: *See—*

  Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, 4,515,804, Cl. 514-456.000.

Gummelt, Klaus: *See—*

  Illmann, Joachim; and Gummelt, Klaus, 4,522,899, Cl. 429-181.000.

Gumplo, Eugene L.: *See—*

  Stubbs, James A.; and Gumplo, Eugene L., 4,494,708, Cl. 242-67.30R.

Gunda, Rajamouli; McCarty, Michael R.; and Rode, Melvin A., to Vickers, Incorporated. Power transmission. 4,537,029, 8-27-85, Cl. 60-390.000.

Gundel, Janos: *See—*

  Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.

Gunderman, Glen L.: *See—*

  Mani, Inder; and Gunderman, Glen L., 4,539,373, Cl. 525-203.000.

Gundersen, Steven C.: *See—*

  Chainer, Timothy J.; Gundersen, Steven C.; and Worthington, Thomas K., 4,553,259, Cl. 382-3.000.

Gunderson, Arthur S. Portable shuffleboard court. 4,513,964, 4-30-85, Cl. 273-126.00R.

Gunderson, Charles; and Hammond, Henry W., to Sanders Associates, Inc. Graphics plotter turret head. 4,518,972, 5-21-85, Cl. 346-139.00R.

Gunderson, Charles; and Kapadya, Aftab H., to Sanders Associates, Inc. Plotter pen. 4,540,993, 9-10-85, Cl. 346-139.00R.

Gunderson, Robert O.; Kocol, James C.; and Schuck, David B., to NCR Corporation. Data processing system employing broadcast packet switching. 4,494,185, 1-15-85, Cl. 364-200.000.

Gunderson, Steven J. Output following intermediate cascode circuit. 4,511,857, 4-16-85, Cl. 330-311.000.

Gundlach, Gregory E.; and Marshall, Grayson. Three-dimensional photograph. 4,557,954, 12-10-85, Cl. 428-29.000.

Gundlach, Robert W.; Schwarz, William M., Jr.; and Gunther, Kenneth W., to Xerox Corporation. Screened donor for touchdown development. 4,556,013, 12-3-85, Cl. 118-624.000.

Gundlach, Robert W.; and Bergen, Richard F., to Xerox Corporation. Self limiting mini-corotron. 4,558,221, 12-10-85, Cl. 250-325.000.

Gundlach, Robert W.: *See—*

  Rees, James D.; Gundlach, Robert W.; and May, Jerome E., 4,533,979, Cl. 362-97.000.

Gundry, Kenneth J., to Dolby Laboratories Licensing Corporation. Analog and digital signal apparatus. 4,493,091, 1-8-85, Cl. 375-30.000.

Gundry, Kenneth J., to Dolby Laboratories Licensing Corporation. Analog and digital signal apparatus. 4,507,791, 3-26-85, Cl. 375-27.000.

Gundry, Kenneth J., to Dolby Laboratories Licensing Corporation. Time-base correction of audio signals in video tape recorders. 4,532,556, 7-30-85, Cl. 360-19.100.

Gunduz, Dincer H.: *See—*

  Gunduz, Nurten N.; and Gunduz, Dincer H., 4,523,826, Cl. 354-337.000.

Gunduz, Nurten N.; and Gunduz, Dincer H., to University of Pittsburgh. Autoradiography apparatus including a slide rack. 4,523,826, 6-18-85, Cl. 354-337.000.

Gunesin, Binnur Z.; and Kawczak, Alex W., to Mobil Oil Corporation. P-methylstyrene copolymer blends. 4,503,187, 3-5-85, Cl. 525-71.000.

Gunesin, Binnur Z., to Mobil Oil Corporation. High impact poly(p-methylstyrene) polymers. 4,539,371, 9-3-85, Cl. 525-98.000.

Gunji, Kouichi: *See—*

  Tarumi, Noriyoshi; Kimura, Kiyoshi; and Gunji, Kouichi, 4,542,978, Cl. 355-3.0TR.

Gunjima, Tomoki; and Takei, Ryutaro, to Asahi Glass Company Ltd. 1-(trans-4-alkylcyclohexyl)-2-(trans-4′-(p-substituted phenyl) cyclohexyl)ethane and liquid crystal mixture. 4,514,044, 4-30-85, Cl. 350-350.00R.

Gunjima, Tomoki: *See—*

  Asawa, Tatsuro; Ishii, Tsuneji; and Gunjima, Tomoki, 4,528,058, Cl. 156-306.600.

Gunkel, Louis T.; and Juelke, Charles V., to FMC Corporation. Flame retardant styrene modified polyphenylene ether resins. 4,556,684, 12-3-85, Cl. 524-141.000.

Gunn, Damon M., deceased; and Gunn, Robert M., administrator. Blood viscosity instrument. 4,517,830, 5-21-85, Cl. 73-57.000.

Gunn, Mary M. Rear cover for pickup truck with attached rigid camper enclosure. 4,544,195, 10-1-85, Cl. 296-26.000.

Gunn, Michael B.; and Hung, William M., to Hilton-Davis Chemical Co., The. Electrochromic marking systems. 4,561,001, 12-24-85, Cl. 346-218.000.

Gunn, Robert C. Means for mounting chuck lever pins in a fulcrum device. 4,538,823, 9-3-85, Cl. 279-37.000.

Gunn, Robert M., administrator: *See—*

  Gunn, Damon M., deceased; and Gunn, Robert M., administrator, 4,517,830, Cl. 73-57.000.

Gunn, Walter H.; and Kennedy, Alexander W. Corrosion resistant substrate with metallic undercoat and chromium topcoat. 4,500,610, 2-19-85, Cl. 428-624.000.

Gunn, Walter H.; and Kennedy, Alexander W. Corrosion resistant metal composite with metallic undercoat and chromium topcoat. 4,537,837, 8-27-85, Cl. 428-621.000.

Gunnarsson, Arne N., to FMC Corporation. Steering control mechanism. 4,515,381, 5-7-85, Cl. 280-96.000.

Gunnarsson, Kristjan: *See—*

  Prinz, Friedrich B.; Hoburg, James F.; and Gunnarsson, Kristjan, 4,554,834, Cl. 73-597.000.

Gunnell, Thomas J., to Phillips Petroleum Company. Apparatus for making rubber covered carbon black pellets. 4,530,305, 7-23-85, Cl. 118-418.000.

Gunnerson, Robert E., to Sun-Diamond Growers of California. Method for production of semi-fluid fruit composition. 4,554,168, 11-19-85, Cl. 426-473.000.

Gunnes, Kare; Naterstad, Tormod; and Lid, Olav, to Ardal Og Sunndal Verk a.s. Ring section baking furnace and procedure for operating same. 4,552,530, 11-12-85, Cl. 432-192.000.

Gunnewig, Hubert, to Westfalia Separator AG. Centrifuge with a self-emptying drum. 4,498,897, 2-12-85, Cl. 494-27.000.

Gunnewig, Hubert, to Westfalia Separator AG. Fully jacketed centrifuge with a helical conveyor. 4,509,942, 4-9-85, Cl. 494-53.000.

Gunnewig, Hubert, to Westfalia Separator AG. Self-emptying centrifuge drum. 4,533,344, 8-6-85, Cl. 494-36.000.

Gunning, William J., III; and Tracy, John M., to Rockwell International Corporation. Electro-optically tuned rejection filter. 4,508,964, 4-2-85, Cl. 250-201.000.

Gunsalus, Edward K.: *See—*

  Popescu, Miron; and Gunsalus, Edward K., 4,517,167, Cl. 423-245.000.

Gunschmann, Peter: *See—*

  Fell, Wolfgang; Zahn, Heinrich; Gunschmann, Peter; and Buchel, Winfried, 4,541,557, Cl. 226-191.000.

Gunson's Sortex Limited: *See—*

  Culling, Michael J.; and Deefholts, Benedict M. M., 4,513,868, Cl. 209-581.000.

Guntaka, Ramareddy V., to Research Corporation. DNA promoter sequence of Avian tunor virus and use therof for enhanced gene expression in *E. coli*. 4,518,690, 5-21-85, Cl. 435-71.000.

Gunter, Gerhard; and Haeufler, Hartmut, to Akzo N.V. Process for applying a coating to a substrate and a liquid aqueous composition to be used therein. 4,555,412, 11-26-85, Cl. 427-27.000.

Gunter, James C., to Robertshaw Controls Company. Method of making a leakproof joint. 4,531,279, 7-30-85, Cl. 29-509.000.

Gunter, Rebecca C., to Portable Technology, Inc. Portable playpen 4,538,309, 9-3-85, Cl. 5-99.00B.

Gunter, William L.: *See—*

  Lawson, William J.; and Gunter, William L., 4,507,813, Cl. 4-253.000.

Guntermann, Hans; and Skreba, Gerhard, to Elektro-Thermit GmbH. Self-opening closure for a casting crucible used in aluminothermic reactions. 4,522,322, 6-11-85, Cl. 222-597.000.

Guntert, Josef; Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, to Robert Bosch GmbH. Fuel injection apparatus for internal combustion engines. 4,526,150, 7-2-85, Cl. 123-447.000.

Guntert, Ronald M., to Guntert & Zimmerman Const. Div., Inc. Apparatus and process for dowel insertions. 4,493,584, 1-15-85, Cl. 404-74.000.

Guntert & Zimmerman Const. Div., Inc.: *See—*

  Guntert, Ronald M., 4,493,584, Cl. 404-74.000.

Gunther, Arthur G.; Willsie, Douglas H.; and Hawkins, Leo D., to Pizza Hut, Inc. Salad bar insert. 4,494,654, 1-22-85, Cl. 206-562.000.

Gunther, Bernd-Rainer, to A. Nattermann & Cie GmbH. Method for the preparation of phosphatidyl choline of low oil content. 4,496,486, 1-29-85, Cl. 260-403.000.

Gunther, Dieter: *See—*

  Bertsch, Richard; Gunther, Dieter; and Steinbrenner, Ulrich, 4,492,204, Cl. 123-489.000.

- Steinbrenner, Ulrich; and Gunther, Dieter, 4,541,390, Cl. 123-491.000.
- Gunther, Jurgen: *See—*
  - von Schwerdtner, Otto; Gossen, Hans; Gunther, Jurgen; and Peters, Hans, 4,530,212, Cl. 60-657.000.
- Gunther, Karl-Heinz, to Kocks Technik GmbH & Co. Apparatus for bending laying tubes. 4,503,695, 3-12-85, Cl. 72-133.000.
- Gunther, Kenneth W.: *See—*
  - Gundlach, Robert W.; Schwarz, William M., Jr.; and Gunther, Kenneth W., 4,556,013, Cl. 118-624.000.
- Gunther, Klaus; Hornung, Friedrich; Paule, Kurt; and Schadlich, Fritz, to Robert Bosch GmbH. Electronic two-hand safety system for power tools. 4,493,377, 1-15-85, Cl. 173-170.000.
- Gunther, Oswin: *See—*
  - Gleichaut, Winfried; Gunther, Oswin; Hoffmann, Dietrich; and Funke, Rolf, 4,532,868, Cl. 102-527.000.
  - Gotz, Udo; Gleichauf, Winfried; Gunther, Oswin; and Hoffmann, Dietrich, 4,519,117, Cl. 29-1.200.
  - Gotz, Udo; Gleichauf, Winfried; and Gunther, Oswin, 4,520,731, Cl. 102-527.000.
- Gunther, Termath: *See—*
  - Mario, Roth; and Gunther, Termath, 4,562,093, Cl. 427-109.000.
- Gunther, Walter; and Hintermayr, Kurt, to Ciba-Geigy Corporation. Dustless, water-soluble, solid, dyestuff or optical brightener compositions and a process of production. 4,541,831, 9-17-85, Cl. 8-648.000.
- Gunthner, Frantz, to JENAer Glaswerk Schott & Gen. Sheet rolling machine. 4,515,621, 5-7-85, Cl. 65-171.000.
- Gunzel, Rudolph M., Jr.; Wichman, William J.; and Fujitaki, Roy K., to Chevron Research Company. Hose-end aspirator sprayer. 4,527,740, 7-9-85, Cl. 239-318.000.
- Gunzenhauser, Sigmund: *See—*
  - Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,503,227, Cl. 544-246.000.
  - Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,506,073, Cl. 546-64.000.
  - Balli, Heinz; Gunzenhauser, Sigmund; Fletcher, Ian J.; and Bedekovic, Davor, 4,562,449, Cl. 346-218.000.
- Gunzi, Kouichi: *See—*
  - Shirose, Meizo; Ito, Kunio; Takagiwa, Hiroyuki; Takahashi, Jiro; and Gunzi, Kouichi, 4,514,486, Cl. 430-124.000.
- Gupta, Alankar; Jenny, Robert W.; and Malone, Frank L., to Boeing Company, The. Drain apparatus for aircraft. 4,506,851, 3-26-85, Cl. 244-129.100.
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  - Knox, Lloyd C.; and Gursky, William, Jr., 4,493,592, Cl. 405-225.000.
- Gurth, Max I. Method and apparatus for pumping fragile articles. 4,514,139, 4-30-85, Cl. 415-90.000.
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- Gurtner, Bernard: *See—*
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- Gurubatham, Vincent P., to Whirlpool Corporation. Double-acting refrigerator door hinge and sliding lock-bolt. 4,503,582, 3-12-85, Cl. 16-232.000.
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- Gurza, Guillermo R. Method of purification of phosphoric acid. 4,495,165, 1-22-85, Cl. 423-321.00R.
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Gustafson, Gary R. Window blind type solar collector. 4,527,548, 7-9-85, Cl. 126-448.000.

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Feldstein, Joel G.; and Gutzwiller, James E., Jr., 4,513,903, Cl. 228-107.000.

Guy E. Lane: *See—*

Davidson, Alvin L., 4,547,110, Cl. 414-22.000.

Guy, Robert K.: *See—*

Seymour, Stephen R.; Guy, Robert K.; and Roberts, Paul N., 4,505,150, Cl. 73-116.000.

Guy, Robert R., to LOF Plastics Inc. Mounting of automobile trim strips. 4,514,003, 4-30-85, Cl. 293-128.000.

Guy, Theron M. P. J.: *See—*

Michel, Urien; and Guy, Theron M. P. J., 4,511,988, Cl. 364-717.000.

Guyenet, Jean-Francois: *See—*

Gharadjedaghi, Fereydoun; and Guyenet, Jean-Francois, 4,545,649, Cl. 350-356.000.

Guyer, John R.: *See—*

Keesee, Kenneth M.; and Guyer, John R., 4,537,328, Cl. 220-445.000.

Guyette, Richard R.: *See—*

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Defago, Raymond; and Guz, Sabahattin, 4,560,387, Cl. 8-527.000.

Guzay, Casimir M., Jr., to Panduit Corp. Elastic cover applicator and method of applying cover. 4,506,430, 3-26-85, Cl. 29-450.000.

Guzdar, Adi R., to Foster-Miller Associates, Inc. Sealing and liquid displacement systems for a linear pocket feeder. 4,533,289, 8-6-85, Cl. 414-217.000.

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Bitting, Ricky F.; Peil, William; Brown, Thomas A.; and Guzek, William K., 4,499,408, Cl. 318-254.000.

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Fomin, Viktor I.; Guzenko, Stanislav I.; Egai, Mikhail N.; and Manenkov, Jury A., 4,545,042, Cl. 367-189.000.

Guzik, Nahum; and Mangeym, Gennady. Digital motor speed control. 4,516,060, 5-7-85, Cl. 318-341.000.

Guzik, Rudolph, to Bell & Howell Company. Apparatus for and methods of making bimodal electrophotographic copies. 4,496,232, 1-29-85, Cl. 355-3.0CH.

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Muchowski, Joseph M.; and Guzman, Angel, 4,496,577, Cl. 514-392.000.

Muchowski, Joseph M.; and Guzman, Angel, 4,532,138, Cl. 514-369.000.

Guzowski, Christopher B.: *See—*

Sigismonde, Michael, 4,532,654, Cl. 2-69.500.

Guzowski, Raymond J., to Pyles Division. Hot melt anti-surge dispensing system. 4,516,700, 5-14-85, Cl. 222-330.000.

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Mannel, Friedrich, 4,526,116, Cl. 112-266.100.

Gwazdacz, Leo E., Jr.: *See—*

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Gwin, Richard B.; and Manning, Philip H., to Babcock & Wilcox Company, The. Weld backup mechanism for internal pipe welding apparatus. 4,556,162, 12-3-85, Cl. 228-50.000.

Gwin, Robert M. Medicament and method for inducing immunity to infectious bovine keratoconjunctivitis. 4,539,201, 9-3-85, Cl. 424-92.000.

- Gwinn, Rick A.: *See—*
  - Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.
- Gwinner, Dietrich; Merkle, Roland; and Noltemeyer, Friedrich, to Daimler-Benz Aktiengesellschaft. Cylinder block for an air-compressing internal combustion engine. 4,561,388, 12-31-85, Cl. 123-41.740.
- Gyarfas, Andras: *See—*
  - Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, 4,533,912, Cl. 340-783.000.
- Gyarmati, Erno: *See—*
  - Gupta, Ashok K.; Gyarmati, Erno; Munzer, Rudolf; and Naoumidis, Aristides, 4,526,649, Cl. 156-629.000.
- Gygax, Claude-Andre , to Societe Suisse pour l'Industrie Horlogere Management Services. Electronic timepiece including an electroacoustic transducer. 4,523,856, 6-18-85, Cl. 368-72.000.
- Gygax, Claude-Andre, to Omega SA. Releasable hinge for a bracelet. 4,546,522, 10-15-85, Cl. 24-71.00J.
- Gygi, Martin H. Milling process and roller mill. 4,541,574, 9-17-85, Cl. 241-57.000.
- Gygli Technik AG: *See—*
  - Bachtiger, Hans, 4,506,615, Cl. 112-262.100.
- Gyi, Ko K.; and Grewal, Gurbachan S., to Magnetic Information Technology, Inc. Apparatus and method for orienting a magnetic gap in a slider head in a carriage. 4,509,251, 4-9-85, Cl. 29-603.000.
- Gyi, Ko K., to MegaTape Corporation. Tape cartridge loading apparatus. 4,561,610, 12-31-85, Cl. 242-198.000.
- Gyi, Ko Ko; and Grewal, Gurbachan S., to Magnetic Information Technology, Inc. Apparatus and method for aligning and assembly of a gimbal, magnetic slider head, and flexure arm. 4,520,555, 6-4-85, Cl. 29-603.000.
- Gyles, Darrell D.: *See—*
  - Walsh, Richard J.; and Gyles, Darrell D., 4,511,046, Cl. 209-539.000.
- Gylfe, Sten: *See—*
  - Ericsson, Thomas; Gylfe, Sten; and Hedblom, Mats-Olov, 4,519,918, Cl. 210-680.000.
- Gyllstrom, Gregory W.: *See—*
  - Downing, Gerald T.; and Gyllstrom, Gregory W., 4,535,960, Cl. 248-74.500.
- Gymer, Geoffrey E.; and Richardson, Kenneth, to Pfizer Inc. Triazole antifungal agents. 4,507,484, 3-26-85, Cl. 546-210.000.
- Gyokhegyi, Laszlo: *See—*
  - Boronyak, Imre; and Gyokhegyi, Laszlo, 4,532,087, Cl. 261-114.0JP.
- Gyorgy, Lajos: *See—*
  - Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
- Gyorgyi nee Edelenyi, Judit: *See—*
  - Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
- Gypsy Pan Limited: *See—*
  - Kelz, Reinhard, 4,502,460, Cl. 126-29.000.
- Gysling, Peter, to Hewlett-Packard Company. Motorized cable mechanism for positioning tractors in a printer. 4,550,623, 11-5-85, Cl. 74-89.200.
- Gysling, Peter; and Vossoughi, Sohrab, to Hewlett-Packard Company. Passive paper stacker. 4,559,031, 12-17-85, Cl. 493-410.000.
- Gyugyi, Laszlo, to Westinghouse Electric Corp. Adjustable frequency AC motor drive using an unrestricted frequency changer system. 4,538,220, 8-27-85, Cl. 363-161.000.
- Gyugyi, Laszlo, to Westinghouse Electric Corp. Static VAR generator system having improved response time. 4,555,659, 11-26-85, Cl. 323-210.000.
- Gyugyi, Laszlo, to Westinghouse Electric Corp. Static VAR generator having reduced harmonics. 4,560,917, 12-24-85, Cl. 323-210.000.
- Gyulavari, Imre, to Novex Talalmanyfejleszto es Ertekesito Kulkereskedelmi Rt. Apparatus for treating liquids. 4,533,470, 8-6-85, Cl. 210-96.100.
- Gyulavari, Imre, to Novex Talalmanyfejleszto es Novexesitolmalyereskedelmi Rt. Apparatus for the separation of solid and/or liquid particles from a liquid. 4,559,141, 12-17-85, Cl. 210-521.000.
- Gyurina, F. Dennis: *See—*
  - Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, 4,521,469, Cl. 428-35.000.
  - Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, 4,525,422, Cl. 428-418.000.
- Gyurko, Istvan; Czeininger, Csaba; Mosko, Karoly; and Nagy, Ferenc, to Mecseki Szenbanyak. Sound-insulating leather powder compositions. 4,544,676, 10-1-85, Cl. 521-84.100.
- Gyurovits, John S. Plug type faucet valve. 4,557,464, 12-10-85, Cl. 251-287.000.
- Gzym, Larry P.; Ritzema, Lloyd G.; and Haadsma, David K., Jr., to Stow & Davis Furniture Company. Adjustable base for office landscaping system. 4,555,880, 12-3-85, Cl. 52-126.400.
- H. B. Fuller Company: *See—*
  - Bunnelle, William L.; and Lindmark, Richard C., Jr., 4,543,099, Cl. 604-385.00A.
  - Clausen, Victor H.; and Asbury, Charles E., 4,503,108, Cl. 428-108.000.
  - Hume, Robert M., III, 4,536,012, Cl. 281-21.00R.
  - Luss, V. Gerold, 4,500,517, Cl. 424-162.000.
- H. B. Zachry Co.: *See—*
  - Marten, Edward N., 4,542,940, Cl. 299-1.000.
- H-C Industries, Inc.: *See—*
  - Wilde, Sheldon L.; McCandless, Thomas J.; and Saunders, Robert M., 4,497,765, Cl. 264-268.000.
  - Wilde, Sheldon L.; and McCandless, Thomas J., 4,545,496, Cl. 215-252.000.
- H. D. Hudson Manufacturing Company: *See—*
  - Petersen, Walter E., 4,509,664, Cl. 222-402.000.
- H.E.M.E. International Limited: *See—*
  - Jackson, Rodney P., 4,518,913, Cl. 324-127.000.
- H. F. Johnson, Inc.: *See—*
  - Johnson, Harlan F., 4,529,085, Cl. 198-532.000.
- H. Finger, Firma: *See—*
  - Finger, Hansjorg, 4,497,583, Cl. 368-291.000.
  - Ratajski, Michel, 4,497,584, Cl. 368-294.000.
- H. Flude & Company (Hinckley) Limited: *See—*
  - Humphreys, John C., 4,524,705, Cl. 112-121.150.
- H. H. Brown Shoe Co., Inc.: *See—*
  - Schour, Avi; and Bloch, Igal, 4,510,701, Cl. 36-68.000.
- H. H. H. Concrete Paving Co.: *See—*
  - Hall, Howard H.; and Goff, Norman, 4,526,493, Cl. 404-105.000.
- H. H. Robertson Company: *See—*
  - Albrecht, Raymond E.; and Lindner, Robert G., 4,558,544, Cl. 52-126.600.
  - Hieger, Richard A., 4,558,548, Cl. 52-235.000.
  - Marwah, Ashok K.; and Norris, Charles H., Jr., 4,554,771, Cl. 52-221.000.
- H. H. Robertson (U.K.) Limited: *See—*
  - Payne, Harold J. W.; and Payne, Ghislaine R. L., 4,523,416, Cl. 52-221.000.
- H. J. Langen & Sons Limited: *See—*
  - Langen, Marinus J. M.; and Guttinger, Peter, 4,509,309, Cl. 53-142.000.
  - Langen, Marinus J. M., 4,514,957, Cl. 53-252.000.
  - Langen, Marinus J. M., 4,514,964, Cl. 53-540.000.
  - Langen, Marinus J. M., 4,537,587, Cl. 493-315.000.
- H.K. Porter, Inc.: *See—*
  - Porter, Thomas M., 4,505,038, Cl. 30-193.000.
- H. King & Associates, Ltd.: *See—*
  - King, Homer F., 4,500,148, Cl. 312-312.000.
  - King, Homer F., 4,515,279, Cl. 211-153.000.
- H. Krantz GmbH & Co.: *See—*
  - Cramer, Hans, 4,558,496, Cl. 26-95.000.
  - Richarts, Fritz, 4,510,762, Cl. 62-79.000.
  - Weck, Franz, 4,523,609, Cl. 137-499.000.
- H. Kuhnke Electrotechnik GmbH: *See—*
  - Schadegg, Rudolf, 4,529,004, Cl. 137-624.110.
- H. Kuhnke GmbH KG: *See—*
  - Klocke, Harald; and Thomsen, Uwe H., 4,561,344, Cl. 91-358.00A.
- H. Lorenz GmbH: *See—*
  - Richter, Uwe; and Kellershofen, Hans, 4,545,317, Cl. 114-222.000.
- H. Maihak AG: *See—*
  - Ulrich, Reinhard; and Jansen, Klaus, 4,558,950, Cl. 356-345.000.
- H. R. Electronics Company: *See—*
  - Levasseur, Joseph L., 4,526,263, Cl. 194-1.00N.
- H. R. Smith (Technical Development) Limited: *See—*
  - Ives, Peter J., 4,504,338, Cl. 156-79.000.
- H. Stoll GmbH & Co.: *See—*
  - Essig, Karl, 4,490,994, Cl. 66-75.100
  - Essig, Karl, 4,505,134, Cl. 66-60.00R.
  - Essig, Karl, 4,516,412, Cl. 66-78.000.
  - Essig, Karl, 4,548,057, Cl. 66-172.00R.
  - Goller, Ernst; Kazmaier, Gunther; Trissler, Hans-Dieter; and Schmidt, Henning, 4,503,689, Cl. 66-149.00R.
  - Goller, Ernst; and Walker, Fritz, 4,503,690, Cl. 66-149.00R.
  - Goller, Ernst; and Walker, Fritz, 4,535,609, Cl. 66-146.000.
  - Goller, Ernst; Ploppa, Jurgen; and Walker, Fritz, 4,554,802, Cl. 66-71.000.
  - Schmodde, Hermann, 4,545,219, Cl. 66-70.000.
  - Schmodde, Hermann; and Haltenhof, Hans-Gunter, 4,554,803, Cl. 66-75.200.
- H. W. Andersen Products Inc.: *See—*
  - Andersen, Harold W.; and Harrison, Charles H., 4,528,268, Cl. 435-31.000.
- H. Weidmann AG: *See—*
  - Isler, Erwin, 4,523,880, Cl. 405-259.000.
  - Isler, Erwin, 4,538,940, Cl. 405-259.000.
- H. Wohlenberg KG GmbH & Co.: *See—*
  - Hartlage, Jurgen, 4,505,173, Cl. 83-112.000.
  - Peters, Gerd, 4,516,455, Cl. 83-519.000.
- Ha, Eric P. L.: *See—*
  - Faggin, Federico; Klein, Jerry A.; Yazolino, Lauren F.; Korody, Robert G.; Ha, Eric P. L.; and Kerman, Stephen, 4,524,244, Cl. 179-2.0DP.
- Ha, Heung Y. Animal trap. 4,557,067, 12-10-85, Cl. 43-61.000.
- Ha, Jung Y., to KIA Industrial Co., Inc. Clutch-operated hill holder brake system. 4,515,259, 5-7-85, Cl. 192-3.00H.
- Ha, Truong M.: *See—*
  - Bargiel, Douglas A.; Assony, Edward M.; Ha, Truong M.; and Rosseau, Richard B., 4,525,888, Cl. 15-83.000.

Haab, Alvin D., to Brock Manufacturing, Inc. Bin ladder construction. 4,548,293, 10-22-85, Cl. 182-99.000.

Haab, Karl, to Haab, Otto. Sealing means for wall members and wall member for partition walls. 4,549,380, 10-29-85, Cl. 52-240.000.

Haab, Otto: *See*—

Haab, Karl, 4,549,380, Cl. 52-240.000.

Haack, Brian P. Fraction indicator and method of use. 4,547,969, 10-22-85, Cl. 33-138.000.

Haack, Johannes, to Feintool AG Lyss. Process for precision cutting. 4,509,395, 4-9-85, Cl. 83-55.000.

Haacke, Harri; and Loch, Karl, to Mannesmann Aktiengesellschaft. Method for testing the total length of extended round material such as pipes and bars, and device to carry out the method. 4,516,429, 5-14-85, Cl. 73-638.000.

Haacker, Heinz: *See*—

Vollhardt, Frohmut; and Haacker, Heinz, 4,509,463, Cl. 122-7.00R.

Vollhardt, Frohmut; and Haacker, Heinz, 4,522,155, Cl. 122-7.00R.

Haacon Hebetechnik GmbH: *See*—

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Haadsma, David K., Jr.: *See*—

Gzym, Larry P.; Ritzema, Lloyd G.; and Haadsma, David K., Jr., 4,555,880, Cl. 52-126.400.

Haaf, William R., to General Electric Company. High impact thermoplastic compositions containing diblock impact modifier. 4,544,703, 10-1-85, Cl. 525-92.000.

Haag, Donald L., to General Electric Company. Control device and method of operating such. 4,524,255, 6-18-85, Cl. 200-83.00R.

Haag, Donald L.: *See*—

Woods, Lee O.; and Haag, Donald L., 4,493,144, Cl. 29-622.000.

Haag, George A.; Fogg, O. Douglas; Greenley, Gordon A.; Shepard, Steve A.; and Terry, F. Duncan, to Hewlett-Packard Company. Logic state analyzer with sequential triggering and restart. 4,495,599, 1-22-85, Cl. 364-900.000.

Haag, Gottlob: *See*—

Babitzka, Rudolf; Haag, Gottlob; and Linder, Ernst, 4,512,452, Cl. 192-104.00C.

Haag, Horst G.: *See*—

Kampf, Wolfgang; Streck, Roland; and Haag, Horst G., 4,512,926, Cl. 260-398.000.

Haag, James W., to Texaco Inc. Method for reducing air pollution. 4,533,374, 8-6-85, Cl. 62-18.000.

Haag, Laurent, to Eurofloor S.A. Composite product having a low-porosity support layer, and method of manufacture thereof. 4,492,606, 1-8-85, Cl. 156-79.000.

Haag, Laurent, to Eurofloor S.A. Composite product having a low-porosity support layer. 4,552,796, 11-12-85, Cl. 428-140.000.

Haag, Norbert P.: *See*—

Chastine, Gary L.; and Haag, Norbert P., 4,490,990, Cl. 62-279.000.

Haag, Thomas E.: *See*—

Loncrini, Donald F.; Haag, Thomas E.; and Freebersyser, Steven R., 4,496,576, Cl. 514-389.000.

Haag, Werner O.; Olson, David H.; and Rodewald, Paul G., to Mobil Oil Corporation. Catalytic conversion process for aromatic feedstocks with hydrogen regeneration of coke-selectivated zeolite catalyst. 4,508,836, 4-2-85, Cl. 502-53.000.

Haag, Werner O.: *See*—

Chen, Nai Y.; Haag, Werner O.; Huang, Tracy J.; and Wong, Stephen S., 4,500,417, Cl. 208-111.000.

Haag, William G.; and Chavdarian, Charles G., to Stauffer Chemical Company. 5-dithiocarbamoylmethyl trithiophosphonate insecticides, compositions and use. 4,552,870, 11-12-85, Cl. 514-89.000.

Haag, William G.: *See*—

Chavdarian, Charles G.; and Haag, William G., 4,544,651, Cl. 514-120.000.

Shortt, Alexandra B.; and Haag, William G., 4,548,930, Cl. 514-103.000.

Haaheim, Gary. Cardiovascular exercise machine. 4,529,194, 7-16-85, Cl. 272-69.000.

Haak, Mark P.: *See*—

Quee, Jack A.; and Haak, Mark P., 4,504,451, Cl. 423-242.000.

Haake, Joseph R.; Fowler, Tracy J.; and Jensen, James W., to Adolph Coors Company. Control stretch laminating device. 4,496,417, 1-29-85, Cl. 156-361.000.

Haake, Paul F.; and Hodson, Price R., to Alnor Instrument Company. Air flow volume measuring apparatus. 4,548,076, 10-22-85, Cl. 73-202.000.

Haan, Wilhelmus A. O. Urinal with a check valve on a flaccid drain line. 4,559,049, 12-17-85, Cl. 604-350.000.

Haantera, Antti I., to Valmet Oy. Method and apparatus for supporting lighters in lighter-transport ships. 4,494,476, 1-22-85, Cl. 114-260.000.

Haapala, Ray. Fishing reel with adjustable let-off limit. 4,502,241, 3-5-85, Cl. 43-20.000.

Haar, Lucas H., to ITT Industries, Inc. Power booster. 4,505,114, 3-19-85, Cl. 60-554.000.

Haar, Lucas H.: *See*—

Stoka, Roberto; and Haar, Lucas H., 4,494,630, Cl. 188-71.800.

Weiler, Rolf; Boehm, Peter; Haar, Lucas H.; and Timtner, Karlheinz, 4,492,081, Cl. 60-547.100.

Haard, Norman F.: *See*—

Shamsuzzaman, Kazi M.; and Haard, Norman F., 4,526,868, Cl. 435-226.000.

Haarhaus, Peter: *See*—

Aschermann, Willi; and Haarhaus, Peter, 4,512,605, Cl. 296-97.00G.

Haarmann & Reimer GmbH: *See*—

Finkelmeier, Horst; and Hopp, Rudolf, 4,523,023, Cl. 549-385.000.

Hopp, Rudolf; Finkelmeier, Horst; and Langner, Roland, 4,562,067, Cl. 424-59.000.

Sturm, Wolfgang; Mansfeld, Gerd; and Reindl, Hans, 4,528,124, Cl. 252-522.00R.

Haarmann, Walter: *See*—

Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., 4,551,464, Cl. 514-312.000.

Narr, Berthold; Nickl, Josef; Muller, Erich; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,597, Cl. 514-228.000.

Roch, Josef; Muller, Erich; Narr, Berthold; Nickl, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,596, Cl. 514-232.000.

Roch, Josef; Nickl, Josef; Muller, Erich; Narr, Berthold; Weisenberger, Johannes; Zimmermann, Rainer; and Haarmann, Walter, 4,560,685, Cl. 514-222.000.

Trummlitz, Gunter; Engel, Wolfhard; Seeger, Ernst; and Haarmann, Walter, 4,533,664, Cl. 514-225.000.

Haarstad, Richard O.; and Kammerer, Jerry L., to Hydraulic Specialty Company. Secondary flow fluid filter. 4,496,460, 1-29-85, Cl. 210-132.000.

Haas, Aarne T., to Northwest Natural Gas Company. Timed gas metering and distribution system. 4,530,247, 7-23-85, Cl. 73-861.000.

Haas, Anton J., Jr. Cable sheath cutter knife. 4,507,867, 4-2-85, Cl. 30-90.400.

Haas, Charles J.: *See*—

Legler, John G.; Bartlett, Robert L.; Haas, Charles J.; Woods, Garry W.; and Clark, John O., 4,548,246, Cl. 144-1.00C.

Haas, Daniel R.: *See*—

Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,503,658, Cl. 53-399.000.

Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,514,955, Cl. 53-64.000.

Haas, David J., to Temp Badge Security Systems, Inc. Light sensitive validating identification badge system. 4,542,982, 9-24-85, Cl. 355-40.000.

Haas, David J.: *See*—

Blaustein, Aaron; Haas, David J.; and Paolini, Francis R., 4,530,006, Cl. 358-111.000.

Haas, Franz; Janisch, Gerhard; and Schreyer, Gerold, to BASF Aktiengesellschaft. Consolidating the surface of a granular adsorbent. 4,535,004, 8-13-85, Cl. 427-212.000.

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Haas, Lawrence W., to Hercules Incorporated. Selectung hydroxy-terminated polybutadiene for high strain propellants. 4,536,236, 8-20-85, Cl. 149-19.920.

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Haas, Robert G.; Hasz, John R.; and Wood, David B., III, to Cincinnati Milacron Inc. Damped tool turret. 4,491,044, 1-1-85, Cl. 82-36.00A.

Haas, Roger A.: *See—*
- Prosnitz, Donald; and Haas, Roger A., 4,510,455, Cl. 330-4.300.

Haas, Roland: *See—*
- Brandenstein, Manfred; Haas, Roland; Edelmann, Ludwig; and Hans, Rudiger, 4,516,962, Cl. 474-112.000.
- Brandenstein, Manfred; Haas, Roland; Friedrich, Wolfgang; and Hans, Rudiger, 4,525,082, Cl. 384-138.000.
- Brandenstein, Manfred; Haas, Roland; Herrmann, Gerhard; and Hans, Rudiger, 4,557,708, Cl. 474-112.000.
- Brandenstein, Manfred; Haas, Roland; and Hans, Rudiger, 4,558,768, Cl. 188-343.000.
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- Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.

Haas, Ronald T.: *See—*
- Dunn, James M.; and Haas, Ronald T., 4,525,345, Cl. 424-22.000.

Haas, Rudy E., to Carrier Corporation. Wrapped fin heat exchanger circuiting. 4,554,968, 11-26-85, Cl. 165-144.000.

Haas, Steven L.; and Gobush, William, to Acushnet Company. Golf club shaft. 4,558,863, 12-17-85, Cl. 273-77.00A.

Haas, Udo: *See—*
- Koger, Friedrich; and Haas, Udo, 4,526,506, Cl. 415-98.000.

Haas, Wendall M. B., to United States of America, Energy. Flexural support member having a high ratio of lateral-to-axial stiffness. 4,499,772, 2-19-85, Cl. 73-666.000.

Haase, Donald A., to Mobil Oil Corporation. Animal repellent bag package and method of preparing the same. 4,555,015, 11-26-85, Cl. 206-0.500.

Haase, Franklin D.: *See—*
- Westfall, Geoffrey J.; and Haase, Franklin D., 4,548,807, Cl. 424-45.000.

Haase, Harold A. Flat, compact, linear ball bearing with wedge-locked eccentric adjustment and removable races in cylindrical seats. 4,557,530, 12-10-85, Cl. 308-6.00C.

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- Telford, Thomas M.; and Haase, James W., 4,545,567, Cl. 254-344.000.

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- Pesa, Frederick A.; and Haase, Thomas A., 4,536,597, Cl. 562-522.000.

Haase, Walter. Pipette for carrying out and determining sedimentation rates, in particular that of blood. 4,507,955, 4-2-85, Cl. 73-61.400.

Haase, William H.: *See—*
- Alexander, Garold W.; and Haase, William H., 4,514,353, Cl. 264-294.000.
- Murdick, Brian K.; and Haase, William H., 4,535,891, Cl. 206-564.000.

Haasl, Robert J., to PDI, Inc. Flexible coating composition and method of applying same. 4,536,454, 8-20-85, Cl. 428-516.000.

Haaz, Josef: *See—*
- Fey, Michael; Finkelstein, Wolfgang; Haaz, Josef; and Riegel, Hans, 4,549,474, Cl. 98-120.000.
- Finkelstein, Wolfgang; and Haaz, Josef, 4,520,844, Cl. 137-486.000.

Habara, Hideaki: *See—*
- Sugimori, Teruhiko; and Habara, Hideaki, 4,491,658, Cl. 528-486.000.

Habas, Ted C.: *See—*
- Gaden, David W.; and Habas, Ted C., 4,532,578, Cl. 362-83.000.

Habasaki, Toshimi: *See—*
- Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, 4,545,801, Cl. 65-157.000.

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- Foley, James; Habbal, Fawwaz; and Leahy, John, 4,518,627, Cl. 427-48.000.

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Habel, Erich: *See—*
- Blesing, Dieter; Habel, Erich; and Walther, Hans J., 4,553,761, Cl. 277-152.000.

Habel, Paul A.; and Kulczycki, Elaine S., to Borg-Warner Corporation. Minimum complexity vibration damper. 4,555,009, 11-26-85, Cl. 192-106.200.

Habelt, Gerhard; and Mucha, Franz, to U.S. Philips Corporation. Printer with a guide ruler for flattening a record carrier. 4,491,854, 1-1-85, Cl. 346-136.000.

Habelt, Gerhard; and Mucha, Franz, to U.S. Philips Corporation. Transport roller for a record carrier in a printer. 4,496,257, 1-29-85, Cl. 400-578.000.

Haber, Alexander. Method for vehicle body shaping. 4,496,500, 1-29-85, Cl. 264-36.000.

Haber, Jerzy: *See—*
- Wojciechowski, Jerzy; Haber, Jerzy; Godziewicz, Zygmunt; and Lange, Edward, 4,506,599, Cl. 99-469.000.

Haber, Stephen B., to Du Pont de Nemours, E. I., and Company. Antiinflammatory and/or analgesic silylfurans. 4,500,520, 2-19-85, Cl. 514-63.000.

Haber, Terry M. Prosthetic sphincter. 4,551,862, 11-12-85, Cl. 623-14.000.

Haber, Terry M. Elastomechanical sphincter. 4,552,128, 11-12-85, Cl. 128-1.00R.

Haberer, Thomas G.: *See—*
- Cordes, Harry D.; Haberer, Thomas G.; and Verrando, Marcel G., III, 4,525,183, Cl. 55-179.000.

Haberey, Martin: *See—*
- Nickolson, Robert; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; and Haberey, Martin, 4,532,236, Cl. 514-184.000.

Haberfellner, Fritz; Mennicke, Stefan; and Prappacher, Gerd, to Brown, Boveri & Cie AG. Electrochemical storage cell. 4,492,742, 1-8-85, Cl. 429-104.000.

Haberkorn, Jerome R. Two-part fastener. 4,497,093, 2-5-85, Cl. 24-586.000.

Haberkorn, Wilhelm A.: *See—*
- Donnelly, Edward N.; Haberkorn, Wilhelm A.; Hagen, Gerry A.; McGregor, Thomas R.; and Postman, William, 4,522,774, Cl. 264-168.000.

Haberl, Jeffrey S. Flue cleaning device. 4,490,876, 1-1-85, Cl. 15-163.000.

Haberl, Johann K. Side-channel pump. 4,500,253, 2-19-85, Cl. 415-53.00T.

Haberl, Josef: *See—*
- Radermacher, Karl-Heinz; and Haberl, Josef, 4,547,717, Cl. 318-484.000.

Haberli, Peter, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Sabot projectile. 4,517,899, 5-21-85, Cl. 102-521.000.

Haberman, Louis J. Plastic orthotic therapeutic device. 4,554,912, 11-26-85, Cl. 128-80.00E.

Habermann, Helmut; and Brunet, Maurice, to Societe Europeenne de Propulsion. Device for measuring the longitudinal tension in a strip of material. 4,561,313, 12-31-85, Cl. 73-862.070.

Habermehl, Fred M.: *See—*
- Rodriguez, Pedro A.; Edwards, James B.; and Habermehl, Fred M., 4,494,481, Cl. 119-1.000.

Habermehl, Robert, to Mobile Companies Inc. Method of using spent cracking catalyst as a waste material absorbant. 4,539,761, 9-10-85, Cl. 34-9.000.

Haberthur-Heilig, Walter, to Bron Elektronik AG. Attachment provision for exchangeable accessories at illumination bodies. 4,514,794, 4-30-85, Cl. 362-439.000.

Habib, Robert. Machine for backing-off and/or grinding drifting spindles provided with teeth. 4,524,544, 6-25-85, Cl. 51-92.00R.

Habib, Wagdi W., to Hollister Incorporated. Protective sealing composition in molded form. 4,534,767, 8-13-85, Cl. 604-336.000.

Habich, Adolph B., to International Business Machines Corporation. Method for manufacturing a wire matrix print wire guiding device. 4,552,716, 11-12-85, Cl. 264-328.100.

Habich, Dieter: *See—*
- Metzger, Karl G.; Schrock, Wilfried; Habich, Dieter; Naab, Paul; and Zeiler, Hans-Joachim, 4,515,789, Cl. 514-196.000.

Habicht, Ernst; and Zbinden, Paul, to Ciba-Geigy Corporation. Dioxaheterocyclic compounds. 4,500,542, 2-19-85, Cl. 514-465.000.

Habicht, Ernst; and Zbinden, Paul, to Ciba-Geigy Corporation. Benzodioxole derivatives. 4,517,184, 5-14-85, Cl. 514-212.000.

Habicht, Volker E. Device for string instruments for adjusting chords. 4,545,281, 10-8-85, Cl. 84-315.000.

Habiger, Robert M., to Phillips Petroleum Company. Determination of oil shale yield from well log data. 4,548,071, 10-22-85, Cl. 73-152.000.

Habluetzel, Hans, to Bobst SA. Method and device for changing printing elements in a printing unit of a press. 4,502,384, 3-5-85, Cl. 101-153.000.

Habock, Wilhelm, to Papierfabrik Laakirchen Aktiengesellschaft. Foil package for paper handkerchiefs or tissues. 4,540,091, 9-10-85, Cl. 206-494.000.

Habon, Ilona: *See—*

Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.

Habro, Bertil. Omnidirectional reflector with helically turned segments. 4,518,224, 5-21-85, Cl. 350-606.000.

Habu, Nobuo, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for optimized gear shifting indication. 4,539,868, 9-10-85, Cl. 74-864.000.

Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Optimum shift position indication using successive two-dimensional data maps. 4,559,599, 12-17-85, Cl. 364-424.100.

Habu, Nobuo: *See—*

Kawai, Taiyo; Habu, Nobuo; and Matsumoto, Shinichi, 4,548,175, Cl. 123-308.000.

Habu, Yasuhiro: *See—*

Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.

Habuto, Akinaka: *See—*

Kuwahara, Rikiya; Habuto, Akinaka; and Oiso, Hisayoshi, 4,496,592, Cl. 426-5.000.

Hacetoglu, Ararat; and Kodatsky, William K., to Cyanamid Canada, Inc. Flow promotor for particulate material. 4,528,031, 7-9-85, Cl. 75-53.000.

Hach Company: *See—*

Schoonover, David J.; and Taylor, Tillman F., Jr., 4,557,899, Cl. 422-55.000.

Hachenberg, Winfried: *See—*

Watermann, Willy; and Hachenberg, Winfried, 4,557,635, Cl. 405-296.000.

Hachimoto, Akihiko: *See—*

Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, 4,508,443, Cl. 354-402.000.

Hachino, Hiroaki: *See—*

Fuyama, Moriaki; Tamura, Katsumi; Morijiri, Makoto; Sawahata, Mamoru; and Hachino, Hiroaki, 4,543,573, Cl. 340-781.000.

Kurihara, Yasutoshi; Suzuki, Yoshihiro; Ooue, Michio; Hachino, Hiroaki; and Yanagi, Mitsuo, 4,556,899, Cl. 357-80.000.

Wakui, Yoko; Hachino, Hiroaki; Sawahata, Mamoru; Soga, Tasao; Yasuda, Tomio; and Ooue, Michio, 4,516,149, Cl. 357-71.000.

Hachinohe Kanzume Co., Ltd.: *See—*

Komukai, Chogo, 4,544,561, Cl. 426-104.000.

Hachiro, Nobuaki, to Nissin Kogyo Kabushiki Kaisha. Vacuum booster diaphragm mounting. 4,538,503, 9-3-85, Cl. 91-376.00R.

Hachiro, Nobuaki: *See—*

Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, 4,522,108, Cl. 91-376.00R.

Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, 4,557,179, Cl. 91-369.00A.

Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi, to Hitachi, Ltd.; and Hitachi Construction Machinery Co., Ltd. Method and apparatus for quenching. 4,509,995, 4-9-85, Cl. 148-143.000.

Hachitani, Shuji: *See—*

Ishii, Yoshiya; Hachitani, Shuji; and Tanaka, Yasushi, 4,495,914, Cl. 123-357.000.

Hachmeister, Bernd: *See—*

Schoen, Uwe; Hachmeister, Bernd; Kehrbach, Wolfgang; Kuehl, Ulrich; and Buschmann, Gerd, 4,550,112, Cl. 514-278.000.

Hacias, Kenneth J., to Parker Chemical Company. Process for producing phosphate coatings. 4,539,051, 9-3-85, Cl. 148-6.15Z.

Hack, Joachim: *See—*

Gehrung, Manfred; Schoettle, Klaus; Kreissler, Helmut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, 4,514,937, Cl. 51-281.0SF.

Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.

Roller, Hermann; Lehner, August; Hack, Joachim; Grau, Werner; Balz, Werner; and Baur, Reinhold, 4,534,999, Cl. 427-130.000.

Hack, Michael; and Guha, Subhendu, to Sovonics Solar Systems. Stable photovoltaic devices and method of producing same. 4,547,621, 10-15-85, Cl. 136-249.0TJ.

Hackamack, Paul, to Cache Technology Corporation. Portable electronic testing apparatus. 4,525,802, 6-25-85, Cl. 364-900.000.

Hackard, Roger G.: *See—*

Foster, Randy C.; Hackard, Roger G.; and Wilson, Leslie B., 4,509,935, Cl. 474-138.000.

Hackauf, Klaus-Dieter, to Hans H. Meyer GmbH Maschinenbau. Forklift attachment with four laterally displaceable prongs. 4,533,290, 8-6-85, Cl. 414-667.000.

Hackenbeck, Dietmar; and Marx, Hans-Jurgen, to Trutzschler GmbH & Co. KG. Suction apparatus for removing fiber material in a bale opener. 4,544,106, 10-1-85, Cl. 241-101.00A.

Hackenberg, William: *See—*

Schwab, Carl E.; Rost, David P.; Hackenberg, William; and Holcombe, Paul, 4,516,125, Cl. 343-7.700.

Hackenberger, Alfred; Patsch, Manfred; and Gaeng, Manfred, to BASF Aktiengesellschaft. Preparation of methyl m-nitrobenzoate. 4,506,089, 3-19-85, Cl. 560-020.000.

Hacker, Harald; Amann, Ulrich; Geisinger, Karl; and Engelhardt, Hans, to Maschinenfabrik Muller-Weingarten AG. Parts depository, particularly for large-area workpieces in a transfer press handling large workpieces. 4,503,766, 3-12-85, Cl. 100-207.000.

Hacker, Heinz: *See—*

Kleeberg, Wolfgang; Hauschildt, Klaus-Robert; Hacker, Heinz; and Kretzschmar, Klaus, 4,528,358, Cl. 528-94.000.

Hacker, John H. Thermal insulated building slab. 4,524,553, 6-25-85, Cl. 52-169.110.

Hacker, John R.: *See—*

Snetting, Mark; West, Dan; and Hacker, John R., 4,550,919, Cl. 277-23.000.

Hacker, Karl M. Socket wrench extension. 4,502,365, 3-5-85, Cl. 81-177.00G.

Hacker, Karl M. Tool for removing and replacing wheelbearings. 4,507,838, 4-2-85, Cl. 29-263.000.

Hacker, Wolfgang, to Fred Vatter Strumpffabriken Schongau-Altenstadt GmbH. Method for knitting stockings. 4,561,266, 12-31-85, Cl. 66-51.000.

Hackett, Anthony M.: *See—*

Croxford, George A.; and Hackett, Anthony M., 4,540,011, Cl. 137-15.000.

Hackett, Charles M., Jr., to Rockwell International Corporation. Separation of communication signals in an adaptive antenna array. 4,513,383, 4-23-85, Cl. 364-517.000.

Hackett, David E.: *See—*

Bailey, John M.; Gibson, Dennis H.; Hackett, David E.; Stockner, Alan R.; and Waldman, Donald J., 4,531,494, Cl. 123-450.000.

Hackett-Jones, Francis C.; and Kiko, Frederick H., to Telspec Limited. Signal transmission devices. 4,555,599, 11-26-85, Cl. 179-170.00R.

Hackett, Joseph, to Eko Video Limited. Magnetic tape cassette. 4,513,928, 4-30-85, Cl. 242-198.000.

Hackett, Kenneth P. Rotating garbage can rack with cover. 4,545,629, 10-8-85, Cl. 312-252.000.

Hackett, Robert J., to Haly, Inc. Molten metal samplers. 4,499,777, 2-19-85, Cl. 73-864.560.

Hackett, Steven B.: *See—*

Green, Jasper L.; and Hackett, Steven B., 4,525,096, Cl. 403-49.000.

Hackett, Walter J.; and Galena, Peter E., to TP Industrial, Inc. Floor polishes particularly receptive to high speed and very high speed spray or dry buffing. 4,526,815, 7-2-85, Cl. 427-355.000.

Hackler, Erich: *See—*

Flockenhaus, Claus; Hackler, Erich; and Lommerzheim, Werner, 4,539,016, Cl. 48-197.00R.

Hackler, Ronald E.: *See—*

Beck, James R.; Gajewski, Robert P.; and Hackler, Ronald E., 4,495,195, Cl. 514-406.000.

Beck, James R.; Gajewski, Robert P.; and Hackler, Ronald E., 4,544,752, Cl. 548-214.000.

Hackman, Charles H. Rotary peristaltic pump. 4,518,327, 5-21-85, Cl. 417-477.000.

Hackney Brothers Body Company, Inc.: *See—*

Boykin, Royce B., 4,531,278, Cl. 29-469.000.

Hackney, John. Sail batten improvements. 4,535,825, 8-20-85, Cl. 114-103.000.

Hackney, John. Combined washer and cotter pin anti-snag device. 4,543,024, 9-24-85, Cl. 411-364.000.

Hackney, John. Bearing systems for sailcraft gooseneck units. 4,557,212, 12-10-85, Cl. 114-98.000.

Hackney, John. Protective caps for sailboat spreaders. 4,561,373, 12-31-85, Cl. 114-89.000.

Hackney, Stanley, to United Kingdom Atomic Energy Authority. Filter assembly. 4,497,642, 2-5-85, Cl. 55-422.000.

Hackstein, Karl; Hrovat, Milan; Schmidt-Hansberg, Thomas; Rachor, Lothar; and Huschka, Hans, to Nukem GmbH. Molded body for embedding radioactive waste and process for its production. 4,560,502, 12-24-85, Cl. 252-628.000.

Hackwood, Susan: *See—*

Beni, Gerardo; Hackwood, Susan; and Hornak, Lawrence A., 4,541,771, Cl. 414-730.000.

Beni, Gerardo; Bridges, Thomas J.; Hackwood, Susan; and Lin, Chinlon, 4,545,713, Cl. 414-1.000.

Hacova, Kveta: *See—*

Junek, Jan; Skarka, Josef; Jaros, Frantisek; Hortlik, Frantisek; Hacova, Kveta; Vobornik, Vaclav; Ohlidal, Vladimi; and Lihtarova, Ludmila, 4,499,718, Cl. 57-301.000.

Hacskaylo, Michael. Automatic human body detector. 4,500,784, 2-19-85, Cl. 250-341.000.

Hacskaylo, Michael, to United States of America, Army. Distended point source reflector having conical sections. 4,557,569, 12-10-85, Cl. 350-630.000.

Hada, Hiroshi; and Hirayama, Tsutomu, to NEC Corporation. Pulse signal control circuits with improved turn-off characteristic. 4,555,641, 11-26-85, Cl. 307-254.000.

Hada, Kazunari; Fujii, Norio; Kawahara, Atsushi; Azuma, Toru; and Hazama, Junji, to Nippon Kogaku K.K. Apparatus for detecting two-dimensional pattern and method for transforming the pattern into binary image. 4,506,382, 3-19-85, Cl. 382-27.000.

Hada, Takashi; Kanamaru, Tatsuya; and Ogawa, Yutaka, to Nippon Steel Corporation. Two layer-coated steel materials and process for producing the same. 4,510,209, 4-9-85, Cl. 428-659.000.

Hada, Toshikatsu; and Isoya, Yukinori, to Aisan Kogyo Kabushiki Kaisha. Variable venturi carburetor. 4,505,250, 3-19-85, Cl. 123-540.000.

Hadady Corporation: *See—*

Nelson, Thomas A., 4,519,460, Cl. 188-52.000.

Hadank, Walter R.: *See—*

Kitch, Paul E.; Crochetiere, Raymond H.; Gudmundson, Gunnar G.; and Hadank, Walter R., 4,519,688, Cl. 354-297.000.

Hadary, Joseph. Toothpick holder. 4,520,833, 6-4-85, Cl. 132-90.000.

Hadaway, Robert J. Padlock. 4,519,226, 5-28-85, Cl. 70-48.000.

Hadco Corporation: *See—*

Needham, Maurice E., 4,525,246, Cl. 204-15.000.

Haddad, Heskel M. Anterior-posterior chamber intraocular lens. 4,535,488, 8-20-85, Cl. 623-6.000.

Haddad, Hussain A.: *See—*

Munson, Robert E.; and Haddad, Hussain A., 4,511,868, Cl. 333-257.000.

Munson, Robert E.; and Haddad, Hussain A., 4,516,097, Cl. 333-261.000.

Haddad, James H.; Owen, Hartley; and Schatz, Klaus W., to Mobil Oil Corporation. Closed cyclone FCC catalyst separation method and apparatus. 4,502,947, 3-5-85, Cl. 208-161.000.

Haddad, James H.; and Schatz, Klaus W., to Mobil Oil Corporation. Dropout boot for power recovery train. 4,504,291, 3-12-85, Cl. 55-319.000.

Haddad, James H.: *See—*

Gross, Benjamin; Haddad, James H.; and Malladi, Madhava, 4,541,921, Cl. 208-164.000.

Owen, Hartley; Haddad, James H.; and Zahner, John C., 4,561,966, Cl. 208-11.00R.

Haddad, Paul R.: *See—*

Alexander, Peter W.; and Haddad, Paul R., 4,518,463, Cl. 204-1.00T.

Haddad, Theodore A.: *See—*

Phillips, Richard A.; and Haddad, Theodore A., 4,492,733, Cl. 428-412.000.

Phillips, Richard A.; and Haddad, Theodore A., 4,503,126, Cl. 428-412.000.

Hadden, Edward H. Miniaturized valve. 4,531,547, 7-30-85, Cl. 137-625.640.

Hadden, Edward L., Sr. Diminishing arm toggle linkage. 4,561,282, 12-31-85, Cl. 72-410.000.

Hadden, John W.; Simon, Lionel N.; and Giner-Sorolla, Alfredo, to Newport Pharmaceuticals International, Inc. Methods of imparting immunomodulating activity with dihydrothiazolo purine derivatives. 4,510,144, 4-9-85, Cl. 514-257.000.

Haddick, David H., to LogE/Dunn Instruments, Inc. Apparatus for maintaining of a cathode ray tube image within the light acceptance range of a photographic film. 4,530,011, 7-16-85, Cl. 358-244.000.

Haddock, Louis A., Jr., to Clark Equipment Company. Concealed door hinge having a double pivotal mounting. 4,495,674, 1-29-85, Cl. 16-302.000.

Haddock, Richard, to Drexler Technology Corporation. Optical data tape cartridge having wide angle read/write surface. 4,524,925, 6-25-85, Cl. 242-197.000.

Haddock, Richard: *See—*

Drexler, Jerome; and Haddock, Richard, 4,543,307, Cl. 430-12.000.

Haddox, Mark L., to Jodon Engineering Associates, Inc. Method and apparatus for measuring engine compression ratio. 4,505,152, 3-19-85, Cl. 73-117.200.

Haden Schweitzer Corporation: *See—*

Bradshaw, Norman F., 4,494,596, Cl. 165-20.000.

Bradshaw, Norman F.; and Schrubba, Gerald P., 4,532,983, Cl. 165-47.000.

Donahue, Joseph D., 4,502,410, Cl. 118-429.000.

Hader, Helmut. Coupling for releasably fixing a dental prothesis in the mouth. 4,547,156, 10-15-85, Cl. 433-172.000.

Hader, Helmut. Dental attachment for fixing dental prostheses. 4,556,388, 12-3-85, Cl. 433-181.000.

Hader, Helmut. Dental anchoring for attachment of dental prostheses to crowns, pivot teeth, bridges, and splint elements. 4,561,847, 12-31-85, Cl. 433-182.000.

Haderer, Norman G., to Westinghouse Electric Corp. Strippable insulated wire and method of making same. 4,552,988, 11-12-85, Cl. 174-74.00R.

Haderle, Donald J.: *See—*

Baker, Jerry W.; Crus, Richard A.; and Haderle, Donald J., 4,498,145, Cl. 364-900.000.

Hadermann, Albert F.; Trippe, Jerry C.; and Waters, Paul F., to General Technology Applications, Inc. Dissolving water soluble polymers. 4,501,828, 2-26-85, Cl. 523-309.000.

Hadermann, Albert F., to General Technology Applications, Inc. Polymer fractionation. 4,510,304, 4-9-85, Cl. 528-481.000.

Hadewe B.V.: *See—*

Gombault, Jacobus F., 4,553,459, Cl. 83-36.000.

Hadfield, Don A.: *See—*

Anctil, Stephen N.; Gleason, Robert F.; Hadfield, Don A.; Logan, John S. B., Jr.; and Richardson, Alfred G., 4,538,881, Cl. 350-96.230.

Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.

Hadfield, Elden E. Dual track drapery support device. 4,546,809, 10-15-85, Cl. 160-126.000.

Hadican, Alex: *See—*

Iskiw, Metro; and Hadican, Alex, 4,490,885, Cl. 17-66.000.

Hadley, Donald, Jr. Mushroom slicer. 4,557,053, 12-10-85, Cl. 30-279.00R.

Hadley, Howard C.; and Bigbee, Marvin L., to Deere & Company. Agricultural hopper structure. 4,541,549, 9-17-85, Cl. 222-143.000.

Hadley, Howard C.: *See—*

Deutsch, Timothy A.; and Hadley, Howard C., 4,508,243, Cl. 222-142.000.

Hadley, John F., to Cyclops Corporation. Fire resistant foam insulated building panels. 4,530,877, 7-23-85, Cl. 428-305.500.

Hadley, Michael S.; and King, Francis D., to Beecham Group p.l.c. Pharmaceutically active tropanes. 4,544,660, 10-1-85, Cl. 514-329.000.

Hadley, Michael S.; and Blaney, Francis E., to Beecham Group p.l.c. 9-azabicyclo(3.3.1) nonane intermediates for compounds useful in the treatment of CNS disorders. 4,560,757, 12-24-85, Cl. 546-112.000.

Hadley, Michael S.: *See—*

Blaney, Francis E.; Hadley, Michael S.; King, Francis D.; and Watts, Eric A., 4,533,498, Cl. 260-243.300.

Hadley, Russell F.; and Kovacs, Carl W. Active probe. 4,551,672, 11-5-85, Cl. 324-133.000.

Hadtke, Frederick B.: *See—*

Hain, Robert W.; Hadtke, Frederick B.; and Paikoff, Myron, 4,513,891, Cl. 222-213.000.

Paikoff Myron; Hain, Robert W.; and Hadtke, Frederick B., 4,523,679, Cl. 206-370.000.

Haduch, Paul R.; and Rega, Anthony, to American Hospital Supply Corporation. Flexible optical inspection system. 4,530,568, 7-23-85, Cl. 350-96.260.

Hadziomerovic, Faruk, to Northern Telecom Limited. Full-duplex transmission of bit streams serially and in bit-synchronism on a bus between two terminals. 4,516,236, 5-7-85, Cl. 370-24.000.

Hadziomerovic, Faruk, to Northern Telecom Limited. Multiplexer for bit oriented protocol data link control. 4,531,211, 7-23-85, Cl. 370-102.000.

Hadziomerovic, Faruk, to Northern Telecom Limited. Demultiplexer for bit oriented protocol data link control. 4,531,212, 7-23-85, Cl. 370-102.000.

Hadzismajlovic, Dzemal. Gas scrubbing method using gas liquid contact in a particulate bed. 4,533,367, 8-6-85, Cl. 55-91.000.

Haeber, John A.; Rains, John K.; Beitler, Bradley D.; and Kukuchek, George S., to Vetco Offshore, Inc. Marine riser coupling assembly. 4,550,936, 11-5-85, Cl. 285-26.000.

Haeck, Paul J., to Miller Hofft, Inc. Combination dryer and surge bin. 4,499,669, 2-19-85, Cl. 34-102.000.

Haedo, Edmundo, to K. L. Spring & Stamping Corporation. Flexible chair back. 4,549,764, 10-29-85, Cl. 297-296.000.

Haeffele, Steven M.: *See—*

Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.

Haefliger, William W.: *See—*

Kapralis, Imants P.; and Krukle, Harry, 4,532,110, Cl. 422-245.000.

Parkinson, Delbert J., 4,536,979, Cl. 40-159.000.

Slaminski, J. Michael, 4,520,796, Cl. 126-445.000.

Haefner, Hans W., to Pfister GmbH. Method and apparatus for measuring the pressure of a fluid. 4,491,016, 1-1-85, Cl. 73-302.000.

Haefner, John S.: *See—*

Mueller, Carl J.; and Haefner, John S., 4,518,345, Cl. 431-24.000.

Haefner, LeRoy H.; and Rhodes, Stephen M., to Macklanburg-Duncan Company. Spirit level. 4,534,117, 8-13-85, Cl. 33-379.000.

Haeg, Steven R.; and LaCroix, Michael G., to MTS Systems Corporation. Vehicle restraint system. 4,527,416, 7-9-85, Cl. 73-11.000.

Haegeman, Johny H. Apparatus for mixing gas and liquid. 4,540,528, 9-10-85, Cl. 261-91.000.

Haeger, Bruce E., to American Cyanamid Company. Composition of matter comprising a low bulk density lyophilized preparation of Sodium Piperacillin. 4,534,977, 8-13-85, Cl. 514-196.000.

Haeger, Oyvind. Woodworking machine. 4,546,804, 10-15-85, Cl. 144-1.00G.

Haemmerle, AG: *See—*

Haenni, Eduard; Frei, Theo; and Hug, Peter, 4,515,050, Cl. 83-71.000.

Haenni, Eduard; and Frei, Theo, 4,552,002, Cl. 72-19.000.

Ragettli, Christian; and Frei, Theo, 4,557,135, Cl. 72-420.000.

Haendel, Richard S.; and Wauer, John C., to Rockwell International Corporation. EMCW system for providing search-while-track functions and altitude determination. 4,509,049, 4-2-85, Cl. 343-7.500.

Haendle, Joerg; and Maass, Wolfgang, to Siemens Aktiengesellschaft. X-ray diagnostic installation for providing subtraction images. 4,503,459, 3-5-85, Cl. 358-111.000.

Haenni, Eduard; Frei, Theo; and Hug, Peter, to Haemmerle, AG. Apparatus for feeding sheet metal plates to a sheet shear arrangement. 4,515,050, 5-7-85, Cl. 83-71.000.

Haenni, Eduard; and Frei, Theo, to Haemmerle, AG. Plate bending apparatus. 4,552,002, 11-12-85, Cl. 72-19.000.

Haeno, Akira: *See—*

Aizawa, Koki; and Haeno, Akira, 4,551,642, Cl. 307-552.000.

  - Aizawa, Koki; Takizawa, Yoshiyuki; Haeno, Akira; and Motoyama, Akira, 4,558,213, Cl. 250-214.00R.
  - Sato, Tetsuo; Kominami, Yasuo; Takizawa, Yoshiyuki; and Haeno, Akira, 4,510,458, Cl. 330-260.000.
  - Watanabe, Kazuo; Ohkubo, Yuichi; Haeno, Akira; and Yokogawa, Fumihiko, 4,520,282, Cl. 307-491.000.
- Haensel, Vladimir, to UOP Inc. Preparation of alkylaromatic compounds. 4,524,230, 6-18-85, Cl. 585-467.000.
- Haentjens, Yan: *See—*
  - Marchand, Maurice; and Haentjens, Yan, 4,500,848, Cl. 330-285.000.
- Haer, Richard L. Drainpipe strainer. 4,539,718, 9-10-85, Cl. 4-292.000.
- Haerdl, Stefan: *See—*
  - Hanle, Edgar; Wunderlich, Joachim; Zwickl, Johann; and Haerdl, Stefan, 4,505,511, Cl. 296-93.000.
- Haerther, William W.; and Hartz, T. Jayes, to Ideal Carbide Die Co. Alignment tooling for metal cylinder welding machines. 4,540,879, 9-10-85, Cl. 219-61.300.
- Haes, Freddy; and Reynhout, Cornelis M., to U.S. Philips Corporation. Shaving apparatus. 4,490,906, 1-1-85, Cl. 30-34.200.
- Haesen, Wilhelmus M. J., to B.V. Neratoom. Pulse-echo system for measuring parameters of a tubular test object. 4,502,330, 3-5-85, Cl. 73-623.000.
- Haessler, Heinrich; and Kuhl, Wilfried, to Siemens Aktiengesellschaft. Contact arrangement for vacuum switches. 4,542,266, 9-17-85, Cl. 200-144.00B.
- Haessler, Heinrich: *See—*
  - Kippenberg, Horst; Haessler, Heinrich; and Huehnlein, Manfred, 4,503,010, Cl. 419-27.000.
- Haesters, Hermann, to Ford Motor Company. Ventilation arrangement for a tailgate. 4,537,115, 8-27-85, Cl. 98-2.180.
- Haettinger, George C.: *See—*
  - Beckman, John H.; Haettinger, George C.; and Kupcikevicius, Vytautas, 4,550,471, Cl. 17-1.00R.
- Haeufler, Hartmut: *See—*
  - Gunter, Gerhard; and Haeufler, Hartmut, 4,555,412, Cl. 427-27.000.
- Hafele, Joseph C.: *See—*
  - Englund, Michael S.; Hafele, Joseph C.; and Schulze, Dwain C., Jr., 4,520,652, Cl. 73-23.000.
- Hafele KG: *See—*
  - Koch, Gerhard, 4,518,278, Cl. 403-230.000.
  - Koch, Gerhard, 4,545,698, Cl. 403-231.000.
  - Nock, Hans, 4,502,810, Cl. 403-231.000.
- Hafele, Robert X., to Hoover Universal, Inc. Blow molding machine with mold shuttle structure. 4,552,526, 11-12-85, Cl. 425-522.000.
- Hafele, Robert X., to Hoover Universal, Inc. Apparatus for transporting sectional molds. 4,560,341, 12-24-85, Cl. 425-532.000.
- Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, to Robert Bosch GmbH. Fuel injection apparatus for internal combustion engines. 4,526,149, 7-2-85, Cl. 123-447.000.
- Hafele, Walter: *See—*
  - Guntert, Josef; Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,150, Cl. 123-447.000.
- Hafer, Edward H., to AT&T Bell Laboratories. Distributed switching system having multiple time slot interchanger nodes. 4,530,092, 7-16-85, Cl. 370-66.000.
- Haferkorn, Herbert: *See—*
  - Gude, Fritz; Haferkorn, Herbert; Riemer, Heinz; and Dormann, Gunter, 4,496,710, Cl. 528-114.000.
  - Gude, Fritz; and Haferkorn, Herbert, 4,547,578, Cl. 549-250.000.
- Haferl, Peter E., to RCA Corporation. Linearity corrected horizontal deflection circuit. 4,516,058, 5-7-85, Cl. 315-370.000.
- Haferl, Peter E., to RCA Corporation. Television receiver standby circuit. 4,532,457, 7-30-85, Cl. 315-411.000.
- Haferl, Peter E., to RCA Corporation. Switched vertical deflection circuit with bidirectional power supply. 4,544,864, 10-1-85, Cl. 315-393.000.
- Haferl, Peter E., to RCA Corporation. Variable picture size circuit for a television receiver. 4,547,708, 10-15-85, Cl. 315-371.000.
- Hafez, Mahmoud M.; and Pauls, Henry W., to Exxon Research & Engineering Co. Method for preparing thin regenerated cellulose membranes of high flux and selectivity for organic liquids separations. 4,496,456, 1-29-85, Cl. 208-33.000.
- Haffer, Gregor: *See—*
  - Sauer, Gerhard; and Haffer, Gregor, 4,524,208, Cl. 546-69.000.
- Haffer, John J.; and Fredrick, Alan T., to Towmotor Corporation. Lift jack retention bracket. 4,503,935, 3-12-85, Cl. 187-9.00E.
- Haffner, William B.: *See—*
  - Super, Scott S.; Hsu, Joseph C.; Haffner, William B.; and Jesse, Jerry F., 4,501,797, Cl. 428-349.000.
- Hafner, Edmund W.; and Jackson, Denise M., to UOP Inc. Constitutive glucose isomerase producer. 4,532,208, 7-30-85, Cl. 435-94.000.
- Hafner, Edmund W., to UOP Inc. Constitutive producer of a thermostable glucose isomerase. 4,551,430, 11-5-85, Cl. 435-94.000.
- Hafner, Gunther; Lenz, Hermann; and Finger, Helmut, to Daimler-Benz Aktiengesellschaft. Power supply system for heat and electricity. 4,503,337, 3-5-85, Cl. 290-4.00D.
- Hafner, Gunther; Noreikat, Karl-Ernst; Schmidt, Hans-Dieter; Letsche, Ulrich; and Bauer, Bernhard, to Daimler-Benz Aktiengesellschaft. Method for controlling the position of an actuator in a manner whereby the adjustment is adaptive. 4,546,426, 10-8-85, Cl. 364-153.000.
- Hafner, Hans, to Pfister GmbH. Device for the continuous gravimetric metering and pneumatic conveyance of pourable material. 4,528,848, 7-16-85, Cl. 73-218.000.
- Hafner, Hans W., to Pfister GmbH. Gyroscopic force measuring cell. 4,497,213, 2-5-85, Cl. 73-862.380.
- Hafner, Hans W., to Pfister GmbH. Apparatus for measuring several force components. 4,522,074, 6-11-85, Cl. 73-862.040.
- Hafner, Hans W., to Pfister GmbH. Method and apparatus for measuring the pressure of a liquid. 4,541,285, 9-17-85, Cl. 73-744.000.
- Hafner, Klaus. Rimless spectacles. 4,550,989, 11-5-85, Cl. 351-103.000.
- Hafner, Rainer. Holder with a stack of sheets. 4,534,671, 8-13-85, Cl. 402-80.00R.
- Hafner, Udo; Hans, Waldemar; Krauss, Rudolf; and Sauer, Rudolf, to Robert Bosch GmbH. Electromagnetically actuatable valve, in particular a fuel injection valve for fuel injection systems. 4,502,632, 3-5-85, Cl. 239-125.000.
- Hafner, Udo; Krauss, Rudolf; and Langer, Werner, to Robert Bosch GmbH. Electromagnetically actuatable valve. 4,527,744, 7-9-85, Cl. 239-585.000.
- Hafner, Udo: *See—*
  - Knapp, Heinrich; Sauer, Rudolf; Krauss, Rudolf; and Hafner, Udo, 4,555,060, Cl. 239-585.000.
- Hafner, Ulrich, to International Standard Electric Corporation. Deflection unit for picture tubes. 4,536,730, 8-20-85, Cl. 335-213.000.
- Hafner, V. Walter: *See—*
  - Morris, Earl L.; Hafner, V. Walter; and Hahn, Ron T., 4,492,430, Cl. 350-631.000.
  - Morris, Earl L.; and Hafner, V. Walter, 4,505,189, Cl. 98-40.190.
  - Morris, Earl L.; and Hafner, V. Walter, 4,512,241, Cl. 98-32.000.
- Hafner, William E. Support device for displaying objects. 4,561,617, 12-31-85, Cl. 248-121.000.
- Hafstad, Bjorn. Lighting fixtures with beam support and opposite end contact means. 4,533,983, 8-6-85, Cl. 362-223.000.
- Hag GF Aktiengesellschaft: *See—*
  - Gehrig, Manfred; Barthels, Manfred; and Wienges, Hans, 4,506,072, Cl. 544-274.000.
  - Vitzthum, Otto G.; Werkhoff, Peter; and Gehrig, Manfred, 4,540,784, Cl. 544-274.000.
- Haga, Nobuhiro: *See—*
  - Kamata, Susumu; Matsui, Takeaki; and Haga, Nobuhiro, 4,502,989, Cl. 260-239.570.
- Haga, Ryoichi; Ishida, Masahiko; and Odawara, Yoji, to Agency of Industrial Science and Technology. Anaerobic digestion process of wastes containing cellulose. 4,510,243, 4-9-85, Cl. 435-167.000.
- Haga, Ryoichi: *See—*
  - Ishida, Masahiko; Haga, Ryoichi; Ishibashi, Tadashi; and Odawara, Yoji, 4,491,522, Cl. 210-603.000.
  - Ishida, Masahiko; and Haga, Ryoichi, 4,522,721, Cl. 210-603.000.
- Haga, Shozi: *See—*
  - Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,531,420, Cl. 74-467.000.
  - Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,531,623, Cl. 192-82.00R.
  - Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,539,859, Cl. 74-475.000.
  - Takahasi, Yasuie; and Haga, Shozi, 4,531,418, Cl. 74-339.000.
- Haga, Takahiro; Koyanagi, Tohru; Nakajima, Toshio; and Ohshima, Takeshi, to Ishihara Sangyo Kaisha, Ltd. Process for producing chloronicotinic acid compounds. 4,504,665, 3-12-85, Cl. 546-318.000.
- Haga, Takahiro: *See—*
  - Kimura, Fumio; and Haga, Takahiro, 4,493,730, Cl. 71-94.000.
  - Nishiyama, Ryuzo; Fujikawa, Kanichi; Yokomichi, Isao; Haga, Takahiro; Nagatani, Kuniaki; and Hayashi, Kouji, 4,546,191, Cl. 546-303.000.
- Haga, Tsunehiro: *See—*
  - Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, 4,532,105, Cl. 420-451.000.
- Haga, Tsutomu: *See—*
  - Melillo, Louis; Haga, Tsutomu; and Sashida, Iwao, 4,552,243, Cl. 181-169.000.
- Haga, Yoshihiro: *See—*
  - Matsuzaka, Syoji; Koitabashi, Takeo; Haga, Yoshihiro; Suzuki, Akio; and Shiozawa, Hiroaki, 4,497,895, Cl. 430-569.000.
- Hagadorn, M. Weston, to Westinghouse Electric Corp. Self-powered gamma responses detector. 4,554,456, 11-19-85, Cl. 250-370.000.
- Hagan Engineering, Inc.: *See—*
  - Hagan, James C.; and Hagan, Owen C., 4,549,272, Cl. 364-478.000.
- Hagan, James C.; and Hagan, Owen C., to Hagan Engineering, Inc. Apparatus for filling containers with prescribed quantity of product by weight. 4,549,272, 10-22-85, Cl. 364-478.000.
- Hagan, John A.; and Lafferty, James, to Rehrig Pacific Company. Water bottle crate. 4,520,941, 6-4-85, Cl. 220-72.000.
- Hagan, Owen C.: *See—*
  - Hagan, James C.; and Hagan, Owen C., 4,549,272, Cl. 364-478.000.
- Hagan, Russell M.: *See—*
  - Morse, Robert L.; and Hagan, Russell M., 4,506,519, Cl. 62-190.000.
- Hagar, Donald K.; and Geiger, Lyle D., to Eagleair, Inc. Burner register assembly. 4,504,216, 3-12-85, Cl. 431-183.000.
- Hagar, Robert W.: *See—*
  - Eiserman, Gary K.; and Hagar, Robert W., 4,558,696, Cl. 128-205.120.
- Hagberg, Curt-Erik; Johansson, Karl N.; Kovacs, Zsuzsanna M. I.; and Stening, Goran B., to Astra Lakemedel Aktiebolag. Derivatives of guanine for combating herpes virus infections. 4,495,190, 1-22-85, Cl. 514-262.000.
- Hagbjer, Gunnar, to IFM-Akustikbyran AB. Structural damping. 4,527,371, 7-9-85, Cl. 52-309.160.
- Hage, Manfred; and Junker, Otto, to Wieland-Werke AG. Safety heat-transmitting device. 4,524,822, 6-25-85, Cl. 165-141.000.

Hagedorn, Alfred A., III: *See—*

Erhardt, Paul W.; Hagedorn, Alfred A., III; Lumma, William C., Jr.; and Wohl, Ronald A., 4,556,665, Cl. 514-338.000.

Hagedorn, Ferdinand: *See—*

Behre, Horst; Blank, Heinz U.; Seyberlich, Alfred; and Hagedorn, Ferdinand, 4,540,817, Cl. 564-218.000.

Hagedorn, Floyd T.; and Koontz, Merwyn L., to Libbey-Owens-Ford Company. Apparatus for bending glass sheets. 4,522,641, 6-11-85, Cl. 65-291.000.

Hagedorn, Myrna L.: *See—*

Pittet, Alan O.; Muralidhara, Ranya; and Hagedorn, Myrna L., 4,499,307, Cl. 568-355.000.

Hagedorn, Norman H.: *See—*

Gahn, Randall F.; and Hagedorn, Norman H., 4,543,302, Cl. 429-15.000.

Hagedorn-Olsen, Jens, to Oce-Helioprint AS. Device for bringing sheets into flat position. 4,523,840, 6-18-85, Cl. 355-91.000.

Hagedorn, Scott, to Celanese Corporation. Production of para-cresol. 4,532,209, 7-30-85, Cl. 435-156.000.

Hagedorn, Scott, to Celanese Corporation. Strain of *Pseudomonas putida* for producing an intermediate compound in the production of para-cresol. 4,542,100, 9-17-85, Cl. 435-253.000.

Hagedorn, Stanley R.; and Roach, Stewart W., to Marco Seattle, Inc. Transfer system for fish and similar articles. 4,551,042, 11-5-85, Cl. 406-93.000.

Hagelthorn, George A. Method for adjusting and retaining bearings on an axle. 4,530,144, 7-23-85, Cl. 29-407.000.

Hageman, Jacques; and Meyers, Liliane, to Interox (Societe Anonyme). Process for the regeneration of waste paper. 4,548,674, 10-22-85, Cl. 162-5.000.

Hageman, John P. In situ roofing composite and method. 4,521,478, 6-4-85, Cl. 428-287.000.

Hageman, Larry H.; and Roy, Gerald A., Jr., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonylureas. 4,548,638, 10-22-85, Cl. 71-93.000.

Hagemann, Alfred: *See—*

Cue, Robert; and Hagemann, Alfred, 4,539,063, Cl. 156-361.000.

Hagemann, Hermann; Klauke, Erich; and Kysela, Ernst, to Bayer Aktiengesellschaft. Preparation of new fluoropivalic acid fluorides. 4,549,994, 10-29-85, Cl. 260-544.00F.

Hagemann, Hermann: *See—*

Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, 4,518,812, Cl. 568-946.000.

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Kuhle, Engelbert; Hagemann, Hermann; Paul, Volker; and Brandes, Wilhelm, 4,514,417, Cl. 514-482.000.

Hagemeister, Klaus, to MTU Motoren-und Turbinen-Union Munchen GmbH. Method of manufacturing hollow flow profiles. 4,512,069, 4-23-85, Cl. 29-156.80B.

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Hagemeyer, Kenneth L.; and Pearson, Vernon W., to Ex-Cell-O Corporation. Cutter head with locking pressure indicator. 4,533,287, 8-6-85, Cl. 409-234.000.

Hagen, Alexander: *See—*

Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, 4,544,631, Cl. 435-14.000.

Hagen Batterie AG: *See—*

Kiessling, Reiner, 4,554,228, Cl. 429-242.000.

Hagen, Donald F.; and Marhevka, John S., to Minnesota Mining and Manufacturing Company. High frequency radiation-induced plasma analysis of volatile or non-volatile materials. 4,532,219, 7-30-85, Cl. 436-155.000.

Hagen, Floyd W., to Rosemount Inc. Method and apparatus for correcting barometric pressure for wind velocity and direction. 4,522,070, 6-11-85, Cl. 73-384.000.

Hagen, Gerry A.: *See—*

Donnelly, Edward N.; Haberkorn, Wilhelm A.; Hagen, Gerry A.; McGregor, Thomas R.; and Postman, William, 4,522,774, Cl. 264-168.000.

Hagen, Glenn E., to Hagen Medical Equipment Corporation. Erectile prosthesis. 4,498,465, 2-12-85, Cl. 128-79.000.

Hagen, Glenn E., to Williams, Inc. Wave driven work extracting device. 4,552,514, 11-12-85, Cl. 417-332.000.

Hagen, Glenn E., to Williams, Inc. Sea water distillation system. 4,555,307, 11-26-85, Cl. 202-177.000.

Hagen, Helmut; Markert, Juergen; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Dichloroquinoline derivatives for use as herbicides. 4,497,651, 2-5-85, Cl. 71-94.000.

Hagen, Helmut; Markert, Juergen; Kohler, Rolf-Dieter; and Wuerzer, Bruno, to BASF Aktiengesellschaft. 3-chloro-8-cyanoquinolines and their use for controlling undesirable plant growth. 4,511,393, 4-16-85, Cl. 71-92.000.

Hagen, Helmut; and Kohler, Rolf-Dieter, to BASF Aktiengesellschaft. Cleavage of phthalimides to amines. 4,544,755, 10-1-85, Cl. 548-335.000.

Hagen, Helmut: *See—*

Markert, Jurgen; Hagen, Helmut; and Wuerzer, Bruno, 4,522,646, Cl. 71-94.000.

Hagen, Marinus: *See—*

Stiekel, Jan J.; Hagen, Marinus; Prins, Klaas H.; and Gerson, Philips M., 4,528,540, Cl. 337-102.000.

Hagen, Mark D.; Mendel, Peter J.; and Regehr, John L., to International Business Machines Corporation. Rotatable display work station. 4,542,377, 9-17-85, Cl. 340-727.000.

Hagen, Max; and Sebulke, Johannes, to Ringspann Albrecht Maurer K.G. One-way clutch. 4,546,864, 10-15-85, Cl. 192-41.00A.

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Giese, Emil; Maurer, Ruprecht; and Hagen, Max, 4,522,289, Cl. 192-41.00A.

Hagen Medical Equipment Corporation: *See—*

Hagen, Glenn E., 4,498,465, Cl. 128-79.000.

Hagen, Michael S.: *See—*

Sutton, Steven R.; Hagen, Michael S.; Chapman, David D.; Gombert, Glenn S.; and Palmquist, Steven R., 4,541,100, Cl. 375-10.000.

Hagen, Norman R.: *See—*

Lewis, Arnold; and Hagen, Norman R., 4,525,146, Cl. 433-198.000.

Hagen, Rainer; and Hartwig, Jurgen, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Method for separating ethanol from an ethanol containing solution. 4,492,808, 1-8-85, Cl. 568-916.000.

Hagen, Rainer: *See—*

Coenen, Hubert; Eggers, Rudolf; and Hagen, Rainer, 4,560,513, Cl. 260-403.000.

Hagen, Wilhelm F.: *See—*

Summers, Mark A.; Hagen, Wilhelm F.; and Boyd, Robert D., 4,537,475, Cl. 350-448.000.

Hagen, William F., to Turbo Refrigerating Company. Ice making machine. 4,531,380, 7-30-85, Cl. 62-320.000.

Hagenbach, Germain; Maldonado, Paul; and Maurice, Jacques, to Societe Anonyme dite: Elf France. Process for preparing bitumen-polymer compositions, application of these compositions of the obtention of coverings and mother solution of polymer usable for the obtention of the said compositions. 4,554,313, 11-19-85, Cl. 525-54.500.

Hageniers, Omer L.: *See—*

Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,493,554, Cl. 356-241.000.

Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,506,980, Cl. 356-237.000.

Pryor, Timothy R.; Hageniers, Omer L.; and North, Walter P. T., 4,547,674, Cl. 250-560.000.

Hagenlocher, Walter; Rapp, Lutz; Eschen, Werner; Ragaly, Istvan; Scharpf, Heinz; Streller, Jorg; Weigand, Johann; and Winkler, Klaus, to Robert Bosch GmbH. Alternator-rectifier unit with economical connections to wires embedded in a circuit board. 4,540,907, 9-10-85, Cl. 310-68.00D.

Hagenmaier, Carl F., Jr.; Logsdon, Gary L.; Bolton, Brent C.; and Miner, Robert L., Jr., to Burroughs Corporation. Concurrent network of reduction processors for executing programs stored as tree-like graphs employing variable-free applicative language codes. 4,502,118, 2-26-85, Cl. 364-200.000.

Hagenmaier, Carl F., Jr.: *See—*

Bolton, Brent C.; Logsdon, Gary L.; Hagenmaier, Carl F., Jr.; and Wilson, Jesse R., 4,498,133, Cl. 364-200.000.

Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, to Bayer Aktiengesellschaft. Bafilomycin pesticides. 4,558,139, 12-10-85, Cl. 549-271.000.

Hagens, Roger G.: *See—*

Anderson, Patricia A.; Hagens, Roger G.; and Roden, Dianne M., 4,521,321, Cl. 252-49.300.

Hager, Adolph G.; Freeman, Gerald L.; Rush, James P.; Branovich, Louis E.; and DuBuske, Stanley, to United States of America, Army. Method of detecting gamma radiation by placing glass doped with iron in an environment subject to gamma radiation and then measuring any color changed in the doped glass as a function of gamma radiation. 4,494,003, 1-15-85, Cl. 250-474.100.

Hager, Artur: *See—*

Hertell, Siegfried; and Hager, Artur, 4,515,512, Cl. 418-1.000.

Hager, Clarence H. Vehicle coupling apparatus with sway dampening. 4,549,746, 10-29-85, Cl. 280-446.00B.

Hager, Harold E., to Washington Research Foundation. Sensing device for detecting the presence of a gas contained in a mixture thereof. 4,495,793, 1-29-85, Cl. 73-23.000.

Hager, Ira V. Heat collection, dissipation and storage. 4,508,102, 4-2-85, Cl. 126-437.000.

Hager, Thomas A. Transmission for racing cars. 4,532,821, 8-6-85, Cl. 74-370.000.

Hager, Thomas P.; and Ferguson, Larry W., to Owens-Corning Fiberglas Corporation. Gas filtering method using fabric filter. 4,539,021, 9-3-85, Cl. 55-97.000.

Hager, Walter, to Pfaff Industriemaschinen GmbH. Sewing machine with equipment for producing corner seams. 4,491,080, 1-1-85, Cl. 112-275.000.

Hager, Walter, to Pfaff Industriemaschinen GmbH. Sewing machine having a system for approaching a predetermined end point of a seam. 4,528,923, 7-16-85, Cl. 112-275.000.

Hager, Walter: *See—*

Balzer, Dieter; and Hager, Walter, 4,542,707, Cl. 112-310.000.

Hagerdal, Barbel G. R.; and Mosbach, Klaus H. Preparation of catalysts for biochemical conversion reactions. 4,524,137, 6-18-85, Cl. 435-178.000.

Hagerty, Robert O.; Petsche, Irena B.; and Schurzky, Kenneth G., to Mobil Oil Corporation. Alpha-olefins polymerization catalyst of high productivity. 4,562,169, 12-31-85, Cl. 502-107.000.

Hagerty, Robert O.: *See—*
Cook, John E.; Hagerty, Robert O.; and Jacob, Frederick W., 4,547,555, Cl. 526-60.000.

Hagestam, Helene I.: *See—*
Pinkerton, Thomas C.; and Hagestam, Helene I., 4,544,485, Cl. 210-502.100.

Haggar Company: *See—*
Off, Joseph W. A.; and Early, Judson H., 4,549,916, Cl. 156-93.000.

Hagge, Melvin L.: *See—*
Gentile, Carmine J.; Hagge, Melvin L.; and Croes, Robert C., 4,501,978, Cl. 307-475.000.

Haggett, Mervyn T., to AE PLC. Centrifugal separator. 4,498,898, 2-12-85, Cl. 494-49.000.

Hagglund, Tore; and Astrom, Karl J., to NAF Controls AB. Method and an apparatus in tuning a PID-regulator. 4,549,123, 10-22-85, Cl. 318-610.000.

Haghiri-Tehrani, Yahya; and Hoppe, Joachim, to GAO Gesellschaft fur Automation und Organisation mbH. Identification card with a relief-type surface and a process for producing the same. 4,506,915, 3-26-85, Cl. 283-75.000.

Haghiri-Tehrani, Yahya: *See—*
Hoppe, Joachim; and Haghiri-Tehrani, Yahya, 4,549,247, Cl. 361-398.000.
Hoppe, Joachim; and Haghiri-Tehrani, Yahya, 4,550,248, Cl. 235-492.000.
Hoppe, Joachim; and Haghiri-Tehrani, Yahya, 4,552,383, Cl. 283-83.000.

Haghiri-Therani, Yaya; and Gauch, Wolfgang, to GAO Gesellschaft fur Automation und Organisation mbH. Multilayered indentification card. 4,536,013, 8-20-85, Cl. 283-77.000.

Hagihara, Tatumi: *See—*
Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.

Hagimori, Kenji: *See—*
Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.

Hagimoto, Yosio: *See—*
Ida, Jinsei; Hagimoto, Yosio; Takahashi, Masao; and Azuma, Saburo, 4,494,282, Cl. 29-33.00P.

Hagino, Hiroyasu, to Mitsubishi Denki Kabushiki Kaisha. Semiconductor device. 4,556,898, 12-3-85, Cl. 357-71.000.

Hagino, Tetsu: *See—*
Chuwman, Tsutomu; Hagino, Tetsu; and Tsuchida, Shozaburo, 4,512,446, Cl. 188-73.380.

Haginomori, Eiichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Gas-insulated switchgear. 4,493,008, 1-8-85, Cl. 361-341.000.

Hagio, Shigeru; and Kawachi, Youji, to Sanyo Chemical Industries, Ltd. Adhesive composition and laminates therefrom. 4,524,104, 6-18-85, Cl. 428-341.000.

Hagio, Tsuyoshi: *See—*
Yoshida, Hisayoshi; Ogawa, Ichitaro; Hagio, Tsuyoshi; Kobayashi, Kazuo; and Yamamoto, Takayoshi, 4,518,702, Cl. 501-90.000.

Hagiri, Minoru: *See—*
Kubo, Keishi; Watanabe, Hideo; Takigawa, Nobuhiro; Hagiri, Minoru; and Kawasaki, Kanjiro, 4,500,896, Cl. 346-204.000.

Hagita, Hyoji: *See—*
Sudoh, Chuzoh; Hagita, Hyoji; Asakawa, Motoo; Nagai, Hiroshi; and Aihara, Kenji, 4,545,227, Cl. 72-12.000.
Sudoh, Chuzoh; Hagita, Hyoji; and Fujii, Satoru, 4,553,416, Cl. 72-40.000.

Hagita, Noriyuki: *See—*
Motomura, Kenichi; Ogawa, Hiroshi; Yamamoto, Akira; and Hagita, Noriyuki, 4,515,197, Cl. 152-209.00R.

Hagita, Shoji: *See—*
Maruichi, Takanori; and Hagita, Shoji, 4,559,567, Cl. 360-10.300.

Hagiwara, Akito: *See—*
Matsuura, Mitsuyuki; Kageyama, Yoshiteru; Hagiwara, Akito; and Shimada, Takeo, 4,530,983, Cl. 526-125.000.

Hagiwara, Daijiro: *See—*
Hashimoto, Masashi; Hemmi, Keiji; and Hagiwara, Daijiro, 4,497,801, Cl. 514-15.000.

Hagiwara, Hiroshi; Shirasaka, Masaru; and Nagayama, Hajime, to Onoda Cement Co., Ltd. Desulfurizing agent. 4,540,553, 9-10-85, Cl. 423-230.000.

Hagiwara, Hitoshi: *See—*
Kita, Nobuyuki; Matsumoto, Hiroshi; and Hagiwara, Hitoshi, 4,500,625, Cl. 430-149.000.

Hagiwara, Isamu, to Omron Tateisi Electronics Co. System for performing combined financial transactions with single dispensing of cash. 4,541,057, 9-10-85, Cl. 364-408.000.

Hagiwara, Kohichi: *See—*
Gomi, Chikashi; and Hagiwara, Kohichi, 4,557,461, Cl. 251-172.000.

Hagiwara, Koichi: *See—*
Sugano, Shunji; Hagiwara, Koichi; Miura, Isao; and Honto, Akira, 4,543,404, Cl. 528-26.000.

Hagiwara, Kunio: *See—*
Yoshimura, Tokuo; Hagiwara, Kunio; and Aiba, Akira, 4,528,304, Cl. 523-216.000.

Hagiwara, Masaaki: *See—*
Ukigai, Toshiyuki; Hagiwara, Masaaki; and Yamada, Junichi, 4,544,033, Cl. 166-274.000.

Hagiwara, Masaru: *See—*
Takano, Katsuhiro; Koma, Yoshishige; Hagiwara, Masaru; and Suzuki, Shintaro, 4,497,654, Cl. 75-0.5AA.

Hagiwara, Michiaki; and Tomohiro, Yoshitaka, to Unitaka Ltd. Method and apparatus for filtration using ferromagnetic metal fibers. 4,495,074, 1-22-85, Cl. 210-695.000.

Hagiwara, Michiaki: *See—*
Masumoto, Tsuyoshi; Inoue, Akihisa; and Hagiwara, Michiaki, 4,495,691, Cl. 29-527.500.
Masumoto, Tsuyoshi; Inoue, Akihisa; and Hagiwara, Michiaki, 4,523,626, Cl. 164-463.000.
Masumoto, Tsuyoshi; Inoue, Akihisa; Hagiwara, Michiaki; and Yasuhara, Kiyomi, 4,527,614, Cl. 164-463.000.

Hagiwara, Miyuki: *See—*
Fujimura, Syunichi; Oda, Eisuke; Hagiwara, Miyuki; and Morita, Youske, 4,554,173, Cl. 427-120.000.

Hagiwara, Naoki: *See—*
Shinkai, Kouki; Hagiwara, Naoki; and Nakano, Masaki, 4,540,915, Cl. 313-486.000.

Hagiwara, Shiro: *See—*
Yamakido, Kazuo; Hagiwara, Shiro; and Fujii, Fumiaki, 4,507,792, Cl. 375-30.000.

Hagiwara, Syuya; and Hori, Yasuro, to Hitachi, Ltd. Method and apparatus for reducing vibrations of stationary induction apparatus. 4,525,791, 6-25-85, Cl. 364-508.000.

Hagiwara, Takaaki; Horiuchi, Masatada; Kondo, Ryuji; Yatsuda, Yuji; and Minami, Shinichi, to Hitachi, Ltd. Defect-remediable semiconductor integrated circuit memory and spare substitution method in the same. 4,514,830, 4-30-85, Cl. 365-200.000.

Hagiwara, Taro: *See—*
Adachi, Akira; Kubota, Takashi; Okada, Yukio; Miyazaki, Kenichi; and Hagiwara, Taro, 4,504,534, Cl. 428-71.000.

Hagiwara, Teruhiko, to Shell Oil Company. High frequency induction method for locating the interface between formations having the same resistivity. 4,529,938, 7-16-85, Cl. 324-339.000.

Hagiwara, Toshio: *See—*
Takahashi, Masahiro; Hagiwara, Toshio; Kakei, Tsutomu; and Oda, Kazutaka, 4,518,466, Cl. 204-28.000.
Takahashi, Masahiro; Hagiwara, Toshio; Nishizaki, Takao; and Niizeki, Kinya, 4,523,433, Cl. 62-60.000.

Hagiwara, Tsuneo: *See—*
Iwata, Kaoru; Hagiwara, Tsuneo; and Matsuzawa, Hiroshi, 4,495,343, Cl. 528-292.000.

Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, to Hitachi, Ltd.; and Hitachi Denshi Kabushiki Kaisha. Digital processor with floating point multiplier and adder suitable for digital signal processing. 4,511,990, 4-16-85, Cl. 364-748.000.

Hagiwara, Yoshimune: *See—*
Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, 4,534,010, Cl. 364-748.000.
Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, 4,562,424, Cl. 340-347.0NT.

Hagiwara, Yoshitoshi: *See—*
Fujitaka, Nobuo; Fujisaki, Masaru; and Hagiwara, Yoshitoshi, 4,527,839, Cl. 301-63.0DD.

Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, to Kanebo, Ltd.; and Kanto Chemical Co., Inc. Particle-packed fiber article having antibacterial property. 4,525,410, 6-25-85, Cl. 428-198.000.

Hagiwara, Zenzi; Yamamoto, Tatuo; and Kurozumi, Hiroshi, to Osaka Oxygen Industries Ltd. Process for extraction of highly purified oxygen. 4,519,813, 5-28-85, Cl. 55-26.000.

Hagler, Brenda J.; and Repass, James T., to International Business Machines Corporation. Key-controlled method for invoking automatic row and column addition in an interactive text processing system. 4,520,457, 5-28-85, Cl. 364-900.000.

Hagler, Ernest; Roose, Charles A.; and Claypool, John B., to American Canvas Company. Frame system and connectors for portable shelters. 4,558,713, 12-17-85, Cl. 135-106.000.

Hagler, Gerald E.: *See—*
Mathis, Ronald D.; Reed, Jerry O.; and Hagler, Gerald E., 4,500,706, Cl. 528-502.000.

Haglund, Kjell. Reversing means in water-jet propulsion units. 4,538,997, 9-3-85, Cl. 440-41.000.

Haglund, Richard A.; and Tupack, Robert E., to Teledyne Industries, Inc. Airtight telescoping rigid conduit. 4,543,677, 10-1-85, Cl. 14-71.500.

Hagman, Harry C. Hosiery donning aid. 4,516,704, 5-14-85, Cl. 223-111.000.

Hagman, John F.; and Shih, Chi-Kai, to Du Pont de Nemours, E. I., and Company. Elastomeric sol/gel blends. 4,520,169, 5-28-85, Cl. 525-185.000.

Hagmann, Peter: *See—*
Artusi, Aldo; and Hagmann, Peter, 4,510,014, Cl. 156-522.000.

Hagopian, Gary J.: *See—*
Barfield, Gilbert; and Hagopian, Gary J., 4,501,715, Cl. 264-248.000.
Barfield, Gilbert; and Hagopian, Gary J., 4,552,004, Cl. 72-60.000.

Hagopian, John G.: *See—*
Talbert, Sherwood G.; Flanigan, Lawrence J.; Corliss, John M.; Hagopian, John G.; and Nunheimer, Thomas P., 4,557,253, Cl. 126-429.000.

Hagshenas, Behzad; Butler, Donald W.; and Coolidge, Anson S., to Sundstrand Corporation. Screw pump lubrication system. 4,491,374, 1-1-85, Cl. 384-471.000.

Hagstrom, Arthur A.; and Swanson, Carl D., to Teletype Corporation. Desk top keyboard display terminal with an articulated keyboard. 4,496,200, 1-29-85, Cl. 312-208.000.

Hagstrom, Richard A.: *See—*
Gray, Thomas J.; Masse, Norman G.; and Hagstrom, Richard A., 4,503,251, Cl. 564-450.000.

Haguchi, Hiroshi: *See—*
Iwasaki, Shigeo; and Haguchi, Hiroshi, 4,534,721, Cl. 425-73.000.

Hagyuda, Nobuyoshi; Hasegawa, Hiroshi; Iida, Yoshikazu; and Maida, Osamu, to Nippon Kogaku K.K. Electronic flash apparatus. 4,519,683, 5-28-85, Cl. 354-127.110.

Hagyuda, Nobuyoshi, to Nippon Kogaku K.K. Flash device. 4,561,751, 12-31-85, Cl. 354-418.000.

Hagyuda, Nobuyoshi: *See—*
Iida, Yoshikazu; Hagyuda, Nobuyoshi; and Hasegawa, Hiroshi, 4,523,830, Cl. 354-416.000.
Iida, Yoshikazu; and Hagyuda, Nobuyoshi, 4,555,648, Cl. 315-241.00P.
Maida, Osamu; Hasegawa, Hiroshi; Hagyuda, Nobuyoshi; and Iida, Yoshikazu, 4,494,851, Cl. 354-421.000.

Hahler, Thomas L.: *See—*
Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.

Hahn, Alfred; Rauch, Werner; and Barthelmes, Norbert, to Siemens Aktiengesellschaft. Radiographic installation for an x-ray examination apparatus. 4,542,521, 9-17-85, Cl. 378-155.000.

Hahn & Clay: *See—*
Pechacek, Raymond E., 4,538,798, Cl. 269-289.00R.

Hahn, Daniel G. Exerciser tension device assembly. 4,521,010, 6-4-85, Cl. 272-73.000.

Hahn, Erwin; and Neumann, Peter, to BASF Aktiengesellschaft. 1-alkyl-2-isocyanatomethyl-isocyanatobenzenes and/or 1-alkyl-4-isocyanatomethyl-isocyanatobenzenes. 4,512,929, 4-23-85, Cl. 260-453.0AR.

Hahn, Erwin: *See—*
Radtke, Volker; Kowarsch, Heinrich; Hahn, Erwin; and Hauser, Peter, 4,491,544, Cl. 534-655.000.

Hahn, Frederick C.; and Jones, Larren F., to Esco Corporation. Two piece cutting edge construction. 4,501,079, 2-26-85, Cl. 37-141.00R.

Hahn, Fritz: *See—*
Grunert, Heinz; Hahn, Fritz; Rall, Ulrich; Schumann, Klaus; Schwuger, Milan J.; and Smolka, Heinz G., 4,500,320, Cl. 8-442.000.

Hahn, Granville J., to Cosden Technology, Inc. Method for producing biaxially oriented hollow articles. 4,496,408, 1-29-85, Cl. 156-73.500.

Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., to Cosden Technology, Inc. Coextrusion process for producing multiple layered thermoplastic pipe. 4,499,041, 2-12-85, Cl. 264-173.000.

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Hahn, Granville J.; and Rutledge, Raleigh N., to Cosden Technology, Inc. Multiple heat exchanger distribution apparatus. 4,512,395, 4-23-85, Cl. 165-101.000.

Hahn, Granville J.; and Rutledge, Raleigh N., to Cosden Technology, Inc. Extrusion process for producing thermoplastic pipe. 4,512,943, 4-23-85, Cl. 264-173.000.

Hahn, Granville J.; and Rutledge, Raleigh N., to Cosden Technology, Inc. Extrusion apparatus for producing thermoplastic pipe. 4,548,570, 10-22-85, Cl. 425-141.000.

Hahn, Granville J., to Cosden Technology, Inc. Plastic container with decreased gas permeability. 4,552,791, 11-12-85, Cl. 428-35.000.

Hahn, Granville J.: *See—*
Rutledge, Raleigh N.; and Hahn, Granville J., 4,501,543, Cl. 425-191.000.
Searl, Alonzo H.; Hahn, Granville J.; and Rutledge, Raleigh N., 4,526,736, Cl. 264-53.000.

Hahn, Helmuth; Cordt, Werner; and Borm, Winfried, to Siemens Aktiengesellschaft. Method and apparatus for checking analog-to-digital converters, digital-to-analog converters, or telecommunications transmission links which contain such converters. 4,539,683, 9-3-85, Cl. 371-15.000.

Hahn, Henry: *See—*
Rowe, Russell H., Jr.; Lare, Paul J.; and Hahn, Henry, 4,542,539, Cl. 623-16.000.

Hahn, Henry N.: *See—*
Cole, Frank J.; and Hahn, Henry N., 4,514,266, Cl. 204-28.000.

Hahn, Herbert: *See—*
Hoffmann, Gerhard; Bronstert, Bernd; Hahn, Herbert; and Jun, Mong-Jon, 4,547,454, Cl. 430-271.000.

Hahn, James H., to Rush, David H. Brushless disc-type DC motor or generator. 4,508,998, 4-2-85, Cl. 318-138.000.

Hahn, Jeffrey C.: *See—*
Garczynski, John S.; Reed, Frank J.; Hahn, Jeffrey C.; and Dobson, John J., 4,492,855, Cl. 235-458.000.

Hahn, Kenneth G., Jr., to SCM Corporation. Process for coating a woody substrate and product. 4,521,495, 6-4-85, Cl. 428-537.100.

Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, to BASF Aktiengesellschaft. Particulate polystyrene containing blowing agent and having improved expandability. 4,513,105, 4-23-85, Cl. 521-56.000.

Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, to BASF Aktiengesellschaft. Particulate polystyrene containing blowing agent and having improved expandability. 4,520,135, 5-28-85, Cl. 521-56.000.

Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, to BASF Aktiengesellschaft. Particulate polystyrene containing blowing agent and having improved expandability. 4,525,484, 6-25-85, Cl. 521-56.000.

Hahn, Larry A., to Texas Instruments Incorporated. High gain thyristor switching circuit. 4,520,277, 5-28-85, Cl. 307-252.00C.

Hahn, Louis T.: *See—*
Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,547,225, Cl. 106-273.00N.
Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,551,178, Cl. 106-273.00N.
Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,554,022, Cl. 106-273.00N.

Hahn, Marlin D. Fish skinning and scaling tool. 4,506,412, 3-26-85, Cl. 17-62.000.

Hahn-Meitner-Institut fur Kernforschung Berlin GmbH: *See—*
Hansen, Diethard; and Wilhelm, Martin, 4,547,679, Cl. 307-108.000.

Hahn, Michael; and Sperber, Franz, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Large surface structural component, especially rotor blade. 4,494,910, 1-22-85, Cl. 416-226.000.

Hahn, Michael: *See—*
Frommlet, Hubert; and Hahn, Michael, 4,547,127, Cl. 416-134.00A.
Scheetz, Barry; Rizer, Janine M.; and Hahn, Michael, 4,505,753, Cl. 106-90.000.

Hahn, Norbert, to Rite-Hite Corporation. Vehicle restraint. 4,560,315, 12-24-85, Cl. 414-401.000.

Hahn, Norbert: *See—*
Swessel, Michael A.; and Hahn, Norbert, 4,531,248, Cl. 14-71.300.

Hahn, Paul L. Strike indicator and hook setter, combined. 4,522,572, 6-11-85, Cl. 43-16.000.

Hahn, Rainer, to Dragerwerk Aktiengesellschaft. Chemical oxygen generator. 4,536,370, 8-20-85, Cl. 422-120.000.

Hahn, Ralf, to Veith Pirelli, A.G. Arrangement for securing a flexible web to a walling means. 4,502,256, 3-5-85, Cl. 52-63.000.

Hahn, Robert E.: *See—*
Matteucci, John S.; Snyder, James K.; and Hahn, Robert E., 4,536,998, Cl. 52-171.000.

Hahn, Roger, to Adolph Coors Company. Base coat applicator. 4,491,613, 1-1-85, Cl. 427-428.000.

Hahn, Roger S.: *See—*
Engle, Donald W.; and Hahn, Roger S., 4,548,350, Cl. 229-15.000.

Hahn, Ron T.: *See—*
Morris, Earl L.; Hafner, V. Walter; and Hahn, Ron T., 4,492,430, Cl. 350-631.000.

Hahn, Sangman, to General Motors Corporation. Fluid flow selector valve. 4,509,553, 4-9-85, Cl. 137-596.000.

Hahn, Steven, to Regulation Technology, Inc. Variable transformer and voltage control system. 4,540,931, 9-10-85, Cl. 323-264.000.

Hahn, Terrence P. Protective pad. 4,500,129, 2-19-85, Cl. 294-172.000.

Hahn, Ulf: *See—*
Altenau, Ernst-Wilhelm; Hahn, Ulf; and Sabranski, Udo, 4,524,696, Cl. 102-491.000.

Hahn, Ulrich; Straube, Peter; and Koch, Michael, to VEB Kombinat Polygraph "Werner Lamberz" Leipzig. Arrangement for adjusting the cylinders in rotary printing presses. 4,509,425, 4-9-85, Cl. 101-216.000.

Hahn, William F.; McAdams, Hiramie T.; and Talley, Robert L., to Penn Virginia Corporation. Differential rate screening. 4,544,101, 10-1-85, Cl. 241-24.000.

Hahn, William F.; and McAdams, Hiramie T., to Penn Virginia Corporation. Differential rate screening. 4,544,102, 10-1-85, Cl. 241-24.000.

Hahnke, Manfred; Mohr, Reinhard; and Hohmann, Kurt, to Hoechst Aktiengesellschaft. Process for spin-dyeing of acid-modified polymers of acrylonitrile by the wet-spinning procedure using quaternary ammonium or cyclammonium dyestuffs of low M value and high cation weight having two or three said ammonium or cyclammonium groups. 4,557,732, 12-10-85, Cl. 8-538.000.

Hahnke, Manfred: *See—*
Bode, Albert; Chambers, Thomas V.; Hahnke, Manfred; and Kretzschmar, Wolfgang, 4,548,613, Cl. 8-638.000.

Hahnle, Reinhard; and Grewer, Theodor, to Hoechst Aktiengesellschaft. Process for the preparation of 3-acylaminoanilines. 4,552,699, 11-12-85, Cl. 260-404.500.

Hahnsen, Heinrich: *See—*
Kaminsky, Walter; Hahnsen, Heinrich; Kulper, Klaus; and Woldt, Rudiger, 4,542,199, Cl. 526-160.000.
Kaminsky, Walter; and Hahnsen, Heinrich, 4,544,762, Cl. 556-179.000.

Hai-Ping, Kuo. Ball-hitting training device. 4,555,110, 11-26-85, Cl. 273-26.00E.

Haider, Erich: *See—*
Lagger, Helmut; Schmid, Elisabeth; and Haider, Erich, 4,532,638, Cl. 375-17.000.

Haider, Ludwig, to Voest-Alpine Aktiengesellschaft. Apparatus for feeding platelike workpieces to a machine tool. 4,501,523, 2-26-85, Cl. 414-19.000.

Haig, Armen C. Hip nail. 4,494,535, 1-22-85, Cl. 128-92.0BA.

Haiges, Adolf, to Suevia Haiges GmbH & Co. Valve for animal watering tanks. 4,561,633, 12-31-85, Cl. 251-339.000.

Haiges, Frank, to Suevia Haiges GmbH & Co. Container for the receiving and dispensing of animal rearing and feeding materials, particularly for watering young animals. 4,494,483, 1-22-85, Cl. 119-77.000.

Haigh Chadwick Limited: *See—*
  Brunnschweiler, David, 4,552,235, Cl. 177-1.000.

Haigh, Daniel H.; and Larson, Edwin G., to Dow Chemical Company, The. Oil imbibing polymer particles which are block resistant. 4,529,656, 7-16-85, Cl. 428-402.000.

Haight, Aubrey E.: *See—*
  Hewlitt, Robert W.; Ruff, James H.; and Haight, Aubrey E., 4,506,645, Cl. 123-470.000.

Haight, Robert E.: *See—*
  Jacobi, Stephen F.; Haight, Robert E.; Schletzbaum, John W.; Martin, Yolanda E.; and Lang, Stephen P., 4,500,874, Cl. 340-607.000.

Haikawa, Yukihiko: *See—*
  Kaneko, Akio; Kajiwara, Hitoshi; Haikawa, Yukihiko; and Nishiga, Kazuya, 4,504,968, Cl. 381-103.000.

Hailey, Charles D. Apparatus for internally testing a plurality of interconnected pipe sections. 4,519,238, 5-28-85, Cl. 73-40.50R.

Hailey, Laurence N.: *See—*
  Boecker, Wolfgang D. G.; and Hailey, Laurence N., 4,525,461, Cl. 501-90.000.

Hailey, Robert W. Method of producing metal alloys with high modulus of elasticity. 4,518,441, 5-21-85, Cl. 148-11.50P.

Haim, Elias S.: *See—*
  Collins, Robert P.; Haim, Elias S.; and Rowen, John A., 4,541,692, Cl. 350-339.00R.

Hain, David A., to NCR Corporation. Sheet handling apparatus. 4,501,416, 2-26-85, Cl. 271-3.100.

Hain, Paul O.; and Lepisto, J. George, to Champion International Corporation. Container with easy opening closure. 4,512,479, 4-23-85, Cl. 206-632.000.

Hain, Paul O., to Champion International Corporation. Method for forming a paperboard receptacle. 4,554,127, 11-19-85, Cl. 264-324.000.

Hain, Robert W.; Hadtke, Frederick B.; and Paikoff, Myron, to Sterling Drug Inc. Spray dispensing container and valve therefor. 4,513,891, 4-30-85, Cl. 222-213.000.

Hain, Robert W.: *See—*
  Paikoff, Myron; Hain, Robert W.; and Hadtke. Frederick B., 4,523,679, Cl. 206-370.000.

Haines, Allan B. Refuse container. 4,544,320, 10-1-85, Cl. 414-511.000.

Haines, Frederick K. Air release and anti-siphon valve. 4,524,794, 6-25-85, Cl. 137-202.000.

Haines, Paul G., to Pennwalt Corporation. Catalyst for the preparation of methyl mercaptan from carbon oxides. 4,536,492, 8-20-85, Cl. 502-216.000.

Haines, Richard K. Vehicular blinds. 4,506,476, 3-26-85, Cl. 49-64.000.

Haines, Richard M.: *See—*
  Wong, Robert; Flautt, Martin C.; and Haines, Richard M., 4,500,600, Cl. 428-391.000.

Haines, Robert C.; and Pridgeon, Royce, to Dunlop Limited. Tennis-balls. 4,504,345, 3-12-85, Cl. 156-213.000.

Haines, Robert E., to Star Industries, Inc. Thrust rod anchor for pipe joint restraint systems. 4,492,391, 1-8-85, Cl. 285-114.000.

Haines, William F., Sr.: *See—*
  Gromek, Francis S.; and Haines, William F., Sr., 4,549,779, Cl. 339-58.000.

Hainsworth, Thomas E., to Bell & Howell Company. Materials handling system. 4,492,504, 1-8-85, Cl. 414-273.000.

Hair, Jakie A. Apparatus for sustained dispensation of a chemical agent exteriorally of an animal. 4,506,630, 3-26-85, Cl. 119-156.000.

Hair, James M., III: *See—*
  Prosan, Richard; Hair, James M., III; and Sheppard, Donald A., 4,525,805, Cl. 364-900.000.

Hair, Roberta A. Interlocking slab element for covering the ground and the like. 4,544,305, 10-1-85, Cl. 404-41.000.

Haire, Christopher A. R.: *See—*
  Wright, Basil M.; and Haire, Christopher A. R., 4,559,953, Cl. 128-680.000.

Haisma, Jan; Adema, Cornelis L.; Pasmans, Johannes M. M.; and Walters, Jurren H., to U.S. Philips Corporation. Tunable Fabry-Perot interferometer and X-ray display device having such an interferometer. 4,547,801, 10-15-85, Cl. 358-111.000.

Haisma, Jan; Larsen, Poul K.; De Jong, Tim; Van der Veen, Johannes F.; Douma, Willem A. S.; and Saris, Frans W. Method of manufacturing a semiconductor device by means of a molecular beam technique. 4,554,030, 11-19-85, Cl. 148-175.000.

Haisma, Jan: *See—*
  Joosten, Paul H.; Popma, Theo J. A.; Nabben, Hendrikus J. P.; Van Hal, Henricus A. M.; and Haisma, Jan, 4,492,721, Cl. 427-226.000.

Haissig, Manfred; and Lothmann, Josef, to Haissig, Manfred. Horizontal continuous casting apparatus. 4,520,860, 6-4-85, Cl. 164-415.000.

Haissig, Manfred: *See—*
  Schubert, Hermann; Ahrens, Max; and Haissig, Manfred, 4,532,977, Cl. 164-442.000.

Hait, James M. Torque driven irrigation system. 4,501,392, 2-26-85, Cl. 239-177.100.

Hait, Paul W., to Pyromid, Inc. Convertible cooking unit. 4,508,094, 4-2-85, Cl. 126-9.00R.

Hait, Paul W.; and Rohrer, Dan, to Pyromid, Inc. Convertible cooking unit with an oven. 4,531,505, 7-30-85, Cl. 126-9.00R.

Hait, Paul W., to Pyromid, Inc. Portable outdoor cooking unit with device for extinguishing the flame of canned jelly alcohol and the like. 4,539,973, 9-10-85, Cl. 126-43.000.

Hait, Paul W., to Pyromid, Inc. Outdoor stove. 4,545,359, 10-8-85, Cl. 126-9.00R.

Hajdu, Istvan: *See—*
  Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,504,481, Cl. 514-255.000.
  Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
  Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,510,338, Cl. 568-766.000.
  Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,551,465, Cl. 514-317.000.

Hajek, Bedrich, to Electrostatic Equipment Corp. Electrostatic powder coating control apparatus and method. 4,517,219, 5-14-85, Cl. 427-8.000.

Hajek, Manfred; Muller, Hanns P.; and Rasshofer, Werner, to Bayer Aktiengesellschaft. Homogeneous storage stable cyanamide solutions in polyols and a process for their production. 4,562,289, 12-31-85, Cl. 564-2.000.

Hajek, Manfred: *See—*
  Salzburg, Herbert; Hajek, Manfred; and Meyborg, Holger, 4,506,086, Cl. 549-464.000.

Haji, Katsumi: *See—*
  Nakajima, Hirohito; Haji, Katsumi; Shibata, Yoji; and Kosuge, Wataru, 4,538,176, Cl. 358-86.000.

Haji, Lazhar: *See—*
  Guittard, Pierre; Jarry, Philippe; Ducarre, Alphonse; and Haji, Lazhar, 4,518,980, Cl. 357-30.000.

Hajianpour, Mohamad-Ali, to Diversified Medical Systems, Inc. Knee exercise machine. 4,492,222, 1-8-85, Cl. 128-25.00R.

Hajianpour, Muhamad A. Passive exercising device. 4,538,595, 9-3-85, Cl. 128-25.00R.

Hajicek, David J. Regenerative heat and humidity exchanging apparatus. 4,497,361, 2-5-85, Cl. 165-7.000.

Hajime Industries Ltd.: *See—*
  Yoshida, Hajime, 4,509,076, Cl. 358-106.000.
  Yoshida, Hajime, 4,555,635, Cl. 250-572.000.

Hajimoto, Yoshioki: *See—*
  Shinmi, Akira; Fukui, Masahisa; Hara, Toshitami; Shirato, Yoshiaki; and Hajimoto, Yoshioki, 4,545,881, Cl. 204-192.0SP.

Hajj Chehade, Mohammed; Lecat, Jean; and Tartois, Claude, to U.S. Philips Corporation. FM-demodulator with ladder filter delay line and multiplier. 4,535,296, 8-13-85, Cl. 329-103.000.

Hajj, John G., to LFE Corporation. Automatically loadable multifaceted electrode with load lock mechanism. 4,526,670, 7-2-85, Cl. 204-298.000.

Hajos, Gyorgy: *See—*
  Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Palosi, Eva; Kiss, Bela; Ezer, Elemer; and Hajos, Gyorgy, 4,551,462, Cl. 514-283.000.

Hajto, Ernest A., to Du Pont Canada, Inc. Emulsion blasting agent. 4,500,370, 2-19-85, Cl. 149-109.600.

Hajto, Ernest A., to Du Pont Canada Inc. Emulsion blasting agent with amine-based emulsifier. 4,509,998, 4-9-85, Cl. 149-2.000.

Hakamada, Haruo: *See—*
  Kaizuma, Hisayuki; and Hakamada, Haruo, 4,530,599, Cl. 355-75.000.
  Serizawa, Moriyoshi; and Hakamada, Haruo, 4,504,026, Cl. 242-71.100.
  Serizawa, Moriyoshi; and Hakamada, Haruo, 4,557,591, Cl. 355-40.000.

Hakamata, Kazuo; Takagi, Tadao; and Hyodo, Yukio, to Nippon Kogaku K.K. Drive circuit for surface-wave driven motor utilizing ultrasonic vibration. 4,510,411, 4-9-85, Cl. 310-316.000.

Hakamata, Kensaku: *See—*
  Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, 4,550,638, Cl. 84-431.000.

Hakamata, Yoshiro: *See—*
  Tokura, Nobuyuki; Hakamata, Yoshiro; and Oguchi, Kimio, 4,562,582, Cl. 375-87.000.

Hakansson, Bo. Coupling to a bone-anchored hearing aid. 4,498,461, 2-12-85, Cl. 128-1.00R.

Hakansson, Carl J. N., to KMW Aktiebolag. Apparatus for handling white water in a twin-wire machine. 4,504,358, 3-12-85, Cl. 162-264.000.

Hakansson, Hakan B.: *See—*
  Hansson, Ingvar J. M.; Hakansson, Hakan B.; Igefjord, Magnus G. K.; and Wall, Berth-Ove G., 4,507,854, Cl. 29-612.000.

Hakansson, Nils O., to AB Volvo. Device for measuring the load on a turbo-charged diesel engine, especially for regulating the injection timing in dependence thereon. 4,538,581, 9-3-85, Cl. 123-502.000.

Hakansson, Sven; and Lundh, Bengt, to Axel Johnson Engineering AB. Method and apparatus for removing liquid from a suspension. 4,501,669, 2-26-85, Cl. 210-770.000.

Hakaridani, Mitsuhiro; Iwahashi, Hiroyuki; and Nishioka, Yoshiki, to Sharp Kabushiki Kaisha. Recognition of speech or speech-like sounds. 4,516,215, 5-7-85, Cl. 364-513.500.

Hake, Kenneth A.; and Hamilton, Gregory A., to Kent Manufacturing Co., Inc. Spring clamp shank assembly. 4,530,406, 7-23-85, Cl. 172-705.000.

Haken, Pieter T.; and Webb, Shirley B., to Shell Oil Company. 3-(R-thio)propinionic acid substituted on adjacent carbon atoms by pyridyl and optionally-substituted phenyl, and corresponding optionally-substituted alkyl esters. 4,532,329, 7-30-85, Cl. 546-342.000.

Haken, Roger A.; and Feger, William E., to Texas Instruments Incorporated. High-speed nonvolatile memory array. 4,524,431, 6-18-85, Cl. 365-222.000.

Haken, Roger A.: *See—*
- Coleman, Donald J., Jr.; Haken, Roger A.; and Wang, Chung S., 4,521,446, Cl. 427-86.000.

Hakes, Gary A., to Ingersoll-Rand Company. Drill box support mechanism for mining bolter machines. 4,554,984, 11-26-85, Cl. 175-170.000.

Hakim, Carlos A.: *See—*
- Hakim, Salomon; and Hakim, Carlos A., 4,551,128, Cl. 604-9.000.

Hakim, Salomon; and Hakim, Carlos A. Cerebrospinal fluid shunt valve. 4,551,128, 11-5-85, Cl. 604-9.000.

Hakiri, Minoru: *See—*
- Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, 4,538,164, Cl. 346-209.000.
- Watanabe, Hideo; Takigawa, Nobuhiro; Hakiri, Minoru; Kawasaki, Kanjirou; and Kubo, Keishi, 4,529,993, Cl. 346-208.000.
- Watanabe, Hideo; Hakiri, Minoru; Kawasaki, Kanjirou; Kubo, Keishi; and Takigawa, Nobuhiro, 4,562,448, Cl. 346-208.000.

Hakkaku, Kunio: *See—*
- Katsuragi, Shigeru; Hakkaku, Kunio; and Ogawa, Mutsuo, 4,559,565, Cl. 358-296.000.

Hakki, A-Hadi I. Pacemaker electrode. 4,549,557, 10-29-85, Cl. 128-785.000.

Hakko Co., Ltd.: *See—*
- Kamuro, Takashi; Ootsuga, Hisao; Saito, Isao; and Koga, Motoyuki, 4,556,580, Cl. 427-8.000.
- Koga, Motoyuki, 4,504,204, Cl. 425-11.000.
- Koga, Motoyuki, 4,505,613, Cl. 405-154.000.

Hakko Kouyu Co., Ltd.: *See—*
- Suzuki, Katsuhiko; and Naganuma, Seihachi, 4,501,115, Cl. 57-220.000.

Hakko Metal Industries Limited: *See—*
- Yoshimura, Hiroshi, 4,528,746, Cl. 29-743.000.

Hakoda, Kouzou, to Ryobi Ltd. Dust collecting apparatus for sander. 4,549,371, 10-29-85, Cl. 51-170.0MT.

Hakola, Gordon R. Quick release cyclone apex system. 4,541,934, 9-17-85, Cl. 210-787.000.

Hakoopian, Hakop M., to Harris Corporation. Short circuit protector/-controller circuit. 4,544,981, 10-1-85, Cl. 361-93.000.

Hakoyama, Akiyoshi, to Hitachi, Ltd. Thermal printing method and thermal printer. 4,560,993, 12-24-85, Cl. 346-76.0PH.

Hakoyama, Akiyoshi: *See—*
- Sasaki, Akira; Mashiko, Kazuyuki; Saitoh, Shouji; and Hakoyama, Akiyoshi, 4,528,572, Cl. 346-76.0PH.

Hakulinen, Martti J. A.: *See—*
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,519,359, Cl. 123-668.000.
- Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,524,732, Cl. 123-193.00H.

Hakumoto, Mitsuhiro: *See—*
- Takai, Kazuki; Hakumoto, Mitsuhiro; and Yamada, Yasuo, 4,525,756, Cl. 360-75.000.

Hakura, Akira: *See—*
- Yoshizumi, Hajime; Toyoshima, Kumao; Hakura, Akira; and Nakanishi, Toshihiro, 4,497,799, Cl. 514-9.000.

Hakuraku, Yoshinori; Ogata, Hisanao; Daikoku, Takahiro; and Suzuki, Noboru, to Hitachi, Ltd. Magnetic refrigerator. 4,532,770, 8-6-85, Cl. 62-3.000.

Hakuraku, Yoshinori: *See—*
- Ogata, Hisanao; Nemoto, Takeo; Hakuraku, Yoshinori; and Yagi, Yasuomi, 4,502,296, Cl. 62-514.00R.

Hakusan Seisakusho Co., Ltd.: *See—*
- Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.

Hakuzen, Tatuzo: *See—*
- Ohta, Hideo; Hakuzen, Tatuzo; Ito, Yasunori; and Takagi, Fusao, 4,512,829, Cl. 156-659.100.

Hal Johnston Pty. Limited: *See—*
- Taylor, William R., 4,552,728, Cl. 422-300.000.

Halabiya, Sabah, to Deere & Company. Pressure modulator valve. 4,549,564, 10-29-85, Cl. 137-110.000.

Halas, Linda A.: *See—*
- Wevers, Jean; Halas, Linda A.; and Peltre, Philippe R., 4,559,169, Cl. 252-543.000.

Halasa, Adel F.: *See—*
- Hergenrother, William L.; and Halasa, Adel F., 4,558,103, Cl. 525-538.000.

Halbach & Braun: *See—*
- Braun, Ernst; and Braun, Gert, 4,541,525, Cl. 198-735.000.
- Braun, Ernst; and Braun, Gert, 4,560,059, Cl. 198-735.000.

Halbach, Klaus, to United States of America, Energy. Permanent magnet multipole with adjustable strength. 4,549,155, 10-22-85, Cl. 335-212.000.

Halberschmidt, Friedrich; Reinmold, Heinz-Josef; Schmitz, Alfred; and Mund, Heinz, to Saint-Gobain Vitrage. Process and apparatus for the automatic control of movement of an edge grinding machine. 4,519,167, 5-28-85, Cl. 51-165.770.

Halberschmidt, Friedrich; Reinmold, Heinz-Josef; and Audi, Josef, to Saint-Gobain Vitrage. Process and apparatus for the control of position of a tool of an edge-processing machine for glass panes. 4,528,780, 7-16-85, Cl. 51-165.800.

Halberschmidt, Friedrich; Audi, Josef; Radermacher, Herbert; and Schwarzenberg, Norbert, to Saint-Gobain Vitrage. Bending of glass sheets on a shaping bed consisting of rotating elements. 4,557,745, 12-10-85, Cl. 65-104.000.

Halberschmidt, Friedrich: *See—*
- Schwarzenberg, Norbert; Ueberwolf, Heinz; Halberschmidt, Friedrich; and Audi, Josef, 4,493,724, Cl. 65-273.000.

Halberstadt, Alex L.: *See—*
- Frost, Kenneth S.; Halberstadt, Alex L.; and Letchford, John A., 4,556,786, Cl. 219-464.000.

Halbig, James K.: *See—*
- Phillips, John R.; Halbig, James K.; Menlove, Howard O.; and Klosterbuer, Shirley F., 4,510,117, Cl. 376-257.000.

Halbritter, Klaus: *See—*
- Eckhardt, Heinz; Halbritter, Klaus; and Rohr, Wolfgang, 4,518,785, Cl. 549-453.000.
- Eckhardt, Heinz; Halbritter, Klaus; Goetz, Norbert; and Heilen, Gerd, 4,532,337, Cl. 549-425.000.
- Rebafka, Walter; Heilen, Gerd; Halbritter, Klaus; and Franzischka, Wolfgang, 4,521,602, Cl. 546-184.000.
- Sauer, Wolfgang; Halbritter, Klaus; and Engelbach, Heinz, 4,503,261, Cl. 568-471.000.

Halcomb, F. Joseph, III; and Allen, C. Wayne, to Zimmer, Inc. Prosthetic gauge. 4,517,969, 5-21-85, Cl. 128-92.00E.

Halcomb, Ronald G., to Rockwell International Corporation. Method for producing integrally stiffened fiber reinforced plastic panels. 4,492,607, 1-8-85, Cl. 156-242.000.

Halcon SD Group, Inc., The: *See—*
- Armstrong, William D., 4,555,501, Cl. 502-243.000.
- Barber, James J., 4,517,062, Cl. 204-77.000.
- Barber, James J., 4,523,980, Cl. 204-59.00R.
- Becker, Mitchell; and Sachs, Howard M., 4,519,875, Cl. 203-28.000.
- Bhise, Vijay S.; and Gilman, Harold, 4,508,927, Cl. 568-858.000.
- Brill, William F., 4,558,026, Cl. 502-159.000.
- Cascone, Ronald F.; and Solomon, C. Ashley, 4,524,581, Cl. 60-39.020.
- Hewlett, Colin, 4,559,183, Cl. 260-546.000.
- Jacobson, Stephen E.; and Chueh, Chun F., 4,496,781, Cl. 568-862.000.
- Jacobson, Stephen E., 4,560,806, Cl. 568-462.000.
- Khoobiar, Sargis, 4,503,247, Cl. 562-535.000.
- Khoobiar, Sargis, 4,532,365, Cl. 568-479.000.
- Khoobiar, Sargis, 4,535,188, Cl. 568-479.000.
- Khoobiar, Sargis, 4,547,588, Cl. 562-535.000.
- Rizkalla, Nabil, 4,537,871, Cl. 502-161.000.
- Rizkalla, Nabil, 4,540,811, Cl. 560-233.000.
- Rizkalla, Nabil M., 4,551,560, Cl. 568-465.000.
- Wan, Chee-Gen, 4,497,967, Cl. 568-885.000.

Halczenko, Wasyl; and Hartman, George D., to Merck & Co., Inc. 1,5-methano-1H-4-benzazonine dicarboxylates, process for preparing and use as calcium blockers. 4,548,941, 10-22-85, Cl. 514-295.000.

Haldeman, Charles W., to Megatech Corporation. Wavy tube heat pumping. 4,556,101, 12-3-85, Cl. 165-45.000.

Haldemann A.G.: *See—*
- Haldemann, Gaston; and Wirz, Francois, 4,521,032, Cl. 280-605.000.
- Haldemann, Gaston; and Wirz, Francois, 4,522,423, Cl. 280-624.000.
- Haldemann, Gaston; and Wirz, Francois, 4,536,006, Cl. 280-613.000.

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Haldemann, Gaston; and Wirz, Francois, to Haldemann A.G. Safety binding of a boot on a ski. 4,536,006, 8-20-85, Cl. 280-613.000.

Halder, Mathis, to LGZ Landis & Gyr Zug AG. Current divider for current measurement in conjunction with a measurement transducer. 4,496,932, 1-29-85, Cl. 338-49.000.

Halder, Mathis, to LGZ Landis & Gyr Zug AG. Current transformer for measuring instruments. 4,513,274, 4-23-85, Cl. 336-173.000.

Halder, Prasanta: *See—*
- Waldmann, Heinrich; Halder, Prasanta; Volz, Wolfgang; and Stolz, Albert, 4,559,994, Cl. 165-41.000.

Haldex AB: *See—*
- Wallqvist, Sven; and Sund, Rune, 4,510,379, Cl. 235-95.00C.

Haldipur, Gaurang B.; Anderson, Richard G.; and Cherish, Peter, to United States of America, Energy. Gasification system. 4,493,636, 1-15-85, Cl. 431-170.000.

Haldor Topsoe A/S: *See—*
- Pedersen, Karsten; Rostrup-Nielsen, Jens R.; and Jorgensen, Ib G. H., 4,511,674, Cl. 518-714.000.
- Pedersen, Karsten; Rostrup-Nielsen, Jens R.; Jorgensen, Ib G. H.; and Andersen, Kjeld J., 4,540,714, Cl. 518-714.000.
- Skov, Allan; and Rostrup-Nielsen, Jens R., 4,520,216, Cl. 585-315.000.
- Topp-Jorgensen, Jorgen, 4,536,485, Cl. 502-62.000.

Haldric, Bernard, to NACAM. Lightened yoke for a universal joint. 4,505,608, 3-19-85, Cl. 403-13.000.

Haldric, Bernard, to NACAM. Device for detecting the position of a shaft in a coupling element, and in particular a universal joint yoke. 4,537,523, 8-27-85, Cl. 403-12.000.

Haldric, Bernard; and Baudon nee Chardon, Sylvie, to NACAM. Double universal joint with an elastically yieldable torque transmitting element. 4,548,591, 10-22-85, Cl. 464-89.000.

Hale, Alan A., to General Electric Company. Drill with disposable inserts. 4,558,975, 12-17-85, Cl. 408-186.000.

Hale, David R.; Owen, William A.; and Orndorff, James A., Jr., to CBI Offshore, Inc. Mobile offshore structure for arctic exploratory drilling. 4,512,684, 4-23-85, Cl. 405-217.000.

Hale, Donnie E.: *See—*

McMahon, Ronald G.; and Hale, Donnie E., 4,493,566, Cl. 400-59.000.

Hale Fire Pump Company: *See—*

Eberhardt, H. Alfred, 4,503,812, Cl. 123-2.000.

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Hale, Gilbert L.: *See—*

Borio, Donald C.; Borio, Richard W.; Hale, Gilbert L.; Mehta, Arun K.; and Tyler, Arnold L., 4,552,077, Cl. 110-347.000.

Hale, John K.: *See—*

McLean, Kenneth W.; and Hale, John K., 4,516,392, Cl. 56-16.400.

Hale, John M.: *See—*

Wright, Harry D.; Hale, John M.; and Weber, Eugen, 4,518,477, Cl. 204-415.000.

Hale, Laura P.: *See—*

Grieco, Michael J.; and Hale, Laura P., 4,532,005, Cl. 156-661.100.

Hale, Peter G.: *See—*

Titchmarsh, James G.; and Hale, Peter G., 4,552,433, Cl. 350-96.230.

Hale, Richard A.; Olsson, Nils O.; and Reiff, Thomas F., to J. I. Case Company. Turn-over seal. 4,526,377, 7-2-85, Cl. 277-9.000.

Hale, Thomas E., to General Electric Company. Coated carbide cutting tool insert. 4,497,874, 2-5-85, Cl. 428-551.000.

Hale, Thomas E., to General Electric Company. Coated product with oxide wear layer. 4,501,786, 2-26-85, Cl. 428-215.000.

Hale, Thomas K.: *See—*

Levine, Harold H.; Kavaloski, Peter P.; and Hale, Thomas K., 4,559,939, Cl. 128-201.280.

Hale, William D.: *See—*

Chen, Tyen C.; Busching, Forrest B.; Hale, William D.; and Kristoffersen, Bjorn R., 4,521,925, Cl. 4-362.000.

Hales, Gary W.: *See—*

DiBiano, Robert J.; Autenrieth, Kim A.; and Hales, Gary W., 4,505,668, Cl. 431-202.000.

Hales, James W.: *See—*

Sodergren, Jan H.; and Hales, James W., 4,513,786, Cl. 138-89.000.

Hales, Paul D. Telephone activation apparatus. 4,552,993, 11-12-85, Cl. 179-2.00A.

Halextine, Cynthia, personal representative: *See—*

Helda, Robert W., deceased; Halextine, Cynthia, personal representative; and Liaw, H. Ming, 4,557,795, Cl. 156-617.0SP.

Haley, John E., Jr.; Lynch, Michael J.; and Rosenberg, Jeffrey S., to Halliburton Company. Apparatus and method for monitoring motion of a railroad train. 4,561,057, 12-24-85, Cl. 364-436.000.

Haley, Norman S. Automatic batten setter. 4,523,706, 6-18-85, Cl. 227-7.000.

Haley, Robert G.: *See—*

Barnes, John M.; Haley, Robert G.; and Trepus, George E., Jr., 4,548,861, Cl. 428-322.700.

Haley, Ronald A., to Shell Oil Company. Determination of residual oil saturation using thermal neutron decay measurements without knowledge of the formation or formation fluids. 4,529,878, 7-16-85, Cl. 250-269.000.

Haley, Thomas S., Sr. Transportable and collapsable bag carrying cart. 4,549,748, 10-29-85, Cl. 280-641.000.

Haley, Timothy P.: *See—*

Rosanes, Albert P.; and Haley, Timothy P., 4,535,447, Cl. 370-77.000.

Haley, William J.; and Neumann, Guenter J., to Borg-Warner Corporation. Hydraulic control system for a clutch and transmission. 4,515,255, 5-7-85, Cl. 192-3.570.

Haley, William J., to Borg-Warner Corporation. Control system for continuously variable transmission. 4,522,086, 6-11-85, Cl. 74-867.000.

Halfon, Marc: *See—*

Dodge, William B.; and Halfon, Marc, 4,495,107, Cl. 260-453.00P.

Halford, Wayne R.; and Nakano, Walter S., to Mattel, Inc. Toy vehicle game with launcher and return means. 4,513,967, 4-30-85, Cl. 273-108.000.

Halford, Wayne R.; Renger, Larry H.; and Dooley, James J., to Mattel, Inc. Combined jump means and toy vehicle with simulated stunt hoop. 4,519,789, 5-28-85, Cl. 446-444.000.

Haliburton, James: *See—*

Khan, Shuaib A.; and Haliburton, James, 4,507,133, Cl. 62-29.000.

Halkes, Sebastianus J.: *See—*

Vandewalle, Maurits; Vanmaele, Luc J.; De Clercq, Pierre J.; Halkes, Sebastianus J.; and Overbeek, Wilhelmus R. M., 4,539,153, Cl. 260-397.200.

Halkey-Roberts Corporation: *See—*

Burr, J. Kelsey, 4,498,879, Cl. 441-80.000.

Burr, J. Kelsey, 4,560,356, Cl. 441-80.000.

Foltz, Carl L., 4,495,551, Cl. 362-205.000.

Lardner, George S.; and TenBarge, John S., 4,505,312, Cl. 141-326.000.

Mackal, Glenn H.; and TenBarge, John S., 4,498,605, Cl. 222-5.000.

Zimmerly, Harry L., 4,499,968, Cl. 184-18.000.

Zimmerly, Harry L., 4,500,014, Cl. 222-5.000.

Hall, Allen L.; and Fayter, Richard G., Jr., to National Distillers and Chemical Corporation. 2,3-dihydrofurans useful as fungicides. 4,522,950, 6-11-85, Cl. 514-471.000.

Hall, Allen L.: *See—*

Fayter, Richard G., Jr.; and Hall, Allen L., 4,556,409, Cl. 71-76.000.

Hall, Anne L.: *See—*

Keyes, Gary S.; Belanger, Barry F.; and Hall, Anne L., 4,559,557, Cl. 358-111.000.

Hall, Arlis: *See—*

Cataldo, Roy S.; and Hall, Arlis, 4,540,388, Cl. 47[illegible]242.000.

Hall, Arthur, to Alpine Plastics Machinery Limited. Bag forming machines of the top stacking type with stack clamp. 4,51[illegible],895, 5-14-85, Cl. 414-43.000.

Hall, Arthur B., to TP Laboratories, Inc. Bondable lingual retainer. 4,516,938, 5-14-85, Cl. 433-215.000.

Hall, Charles B.; McBride, Edward D.; and Young, Robert F., to Outboard Marine Corporation. Hydraulic system for marine propulsion device with sequentially operating tilt and trim means. 4,498,871, 2-12-85, Cl. 440-61.000.

Hall, Charles B.; and Mondek, Martin J., to Outboard Marine Corporation. Control system for torque correcting device. 4,500,298, 2-19-85, Cl. 440-62.000.

Hall, Charles B.; and Mondek, Martin J., to Outboard Marine Corporation. Idle exhaust for marine propulsion systems. 4,507,092, 3-26-85, Cl. 440-89.000.

Hall, Charles B., to Outboard Marine Corporation. Control system for torque correcting device. 4,509,924, 4-9-85, Cl. 440-51.000.

Hall, Charles B., to Outboard Marine Corporation. Marine propulsion device with tilt and trim means with fluid filtering. 4,551,105, 11-5-85, Cl. 440-61.000.

Hall, Charles P.; and Philipson, Joseph, to Monterey Manufacturing Co. Self-sealing waterbed mattress. 4,501,035, 2-26-85, Cl. 5-451.000.

Hall, Charles P. Foldable, insulated solar water heater. 4,520,793, 6-4-85, Cl. 126-426.000.

Hall, Charles P.; Philipson, Joseph; and Johenning, John B., to Monterey Manufacturing Co. Self-sealing puncturable article. 4,538,311, 9-3-85, Cl. 5-451.000.

Hall, Charles P., to Monterey Manufacturing Co. Waterbed mattress with a baffle. 4,551,873, 11-12-85, Cl. 5-450.000.

Hall, Charles W.; and Anderson, Orin M., to Southwest Research Institute. Continuous rotation reversible pitch axial thrust heart pump. 4,524,466, 6-25-85, Cl. 603-3.000.

Hall, Dale E.; and Brown, Douglas S., to Inco Alloys International, Inc. Cathode for hydrogen evolution. 4,547,278, 10-15-85, Cl. 204-290.00R.

Hall, Dale E., to Inco Alloys International, Inc. Process for preparing H_2 evolution cathodes. 4,555,413, 11-26-85, Cl. 427-34.000.

Hall, Dale G., to Ranco Incorporated. Electrically controlled pressure transducer valve. 4,524,948, 6-25-85, Cl. 251-139.000.

Hall, Dale R.; and Jackson, Robert L., to B. F. Goodrich Company, The. Intumescent flame retarded polyurethane compositions. 4,542,170, 9-17-85, Cl. 523-179.000.

Hall, David A.; and Spitzer, Wayne A., to Eli Lilly and Company. Process for preparing oxazolinoazetidinones. 4,525,304, 6-25-85, Cl. 260-245.400.

Hall, David A., to Eli Lilly and Company. N-substituted-2-(R)-(sulfinic acid)-3-(S)-(acylamino)-4-oxo-azetidines and process. 4,537,720, 8-27-85, Cl. 260-239.00A.

Hall, David R., to Megadiamond Industries Inc. Composite polycrystalline diamond. 4,525,178, 6-25-85, Cl. 51-309.000.

Hall, David R., to Megadiamond Industries Inc. Inserts having two components anchored together at a non-perpendicular angle of attachment for use in rotary type drag bits. 4,529,048, 7-16-85, Cl. 175-410.000.

Hall, Dennis S.: *See—*

Mansfield, Graham J.; Hall, Dennis S.; and Cameron, Ewen R., 4,557,787, Cl. 156-356.000.

Hall, Douglas J.; Langley, Robert F.; and Thomas, Edwin L., to International Business Machines Corporation. Printed circuit board modification process. 4,515,878, 5-7-85, Cl. 430-5.000.

Hall, Duane O.: *See—*

Kennard, Lon H.; Hall, Duane O.; and Bangerter, Richard M., 4,492,820, Cl. 179-5.00P.

Hall, Edward D.: *See—*

Braughler, J. Mark; and Hall, Edward D., 4,554,271, Cl. 514-179.000.

Hall, Frances E. Sanitary napkin construction. 4,533,357, 8-6-85, Cl. 609-401.000.

Hall, Gaddis G. Support bracket for electrical insulator. 4,529,838, 7-16-85, Cl. 174-158.00R.

Hall, Gaddis G. Guy attaching device for attachment to a utility line pole. 4,531,263, 7-30-85, Cl. 24-115.00K.

Hall, Gardner L. Tape cleaner. 4,503,475, 3-5-85, Cl. 360-137.000.

Hall, George D.: *See—*

Hynes, Joseph H.; Morrill, Charles D.; and Hall, George D., 4,554,976, Cl. 166-341.000.

Hall, George R.; Hall, Robert J.; and Cookerly, Jack C., to Norlin Industries Inc. Method and apparatus for improved automatic harmonization. 4,508,002, 4-2-85, Cl. 84-1.030.

Hall, George R.: *See—*

Hall, Robert J.; Hall, George R.; and Cookerly, Jack C., 4,519,286, Cl. 84-1.030.

Hall, Robert J., Jr.; Hall, George R.; and Cookerly, Jack C., 4,542,675, Cl. 84-1.030.

Hall, George R., II, to Babcock & Wilcox Company, The. Temperature-actuated flow control device. 4,502,341, 3-5-85, Cl. 73-863.010.

Hall, George R., II, to Babcock & Wilcox Company, The. Temperature-actuated flow control device. 4,557,419, 12-10-85, Cl. 236-93.00R.

Hall, Gordon D.: *See—*

Griggs, Michael; Acton, Laurence L.; and Hall, Gordon D., 4,520,265, Cl. 250-338.000.

Hall, Harold H., Jr.; and Bouchard, Andre C., to GTE Products Corporation. Encapsulated photoflash device having a radiant energy-activated disconnect switch as part of the circuitry thereof. 4,515,558, 5-7-85, Cl. 431-359.000.

Hall, Harold H., Jr.: *See—*

Bouchard, Andre C.; English, George J.; Hall, Harold H., Jr.; and Sentementes, Thomas J., 4,497,756, Cl. 264-1.900.

Bouchard, Andre C.; and Hall, Harold H., Jr., 4,498,883, Cl. 445-28.000.

Hall, Harvey. Mining machine with adjustable hood-scoop assembly. 4,550,952, 11-5-85, Cl. 299-64.000.

Hall, Henry K.; and Wilson, Donald R., to Celanese Corporation. Acrylate and methacrylate monoesters of pentaerythritol and pentaerythritol orthoesters and polymers and copolymers derived therefrom. 4,526,949, 7-2-85, Cl. 526-268.000.

Hall, Henry K.; and Wilson, Donald R., to Celanese Corporation. Acrylate and methacrylate monoesters of pentaerythritol and pentaerythritol orthoesters and polymers and copolymers derived therefrom. 4,529,786, 7-16-85, Cl. 526-268.000.

Hall, Homer H.: *See—*

Burnett, Jesse W.; and Hall, Homer H., 4,528,437, Cl. 219-85.0CA.

Carter, Daniel L.; and Hall, Homer H., 4,493,986, Cl. 219-85.00D.

Hall, Howard H.; and Goff, Norman, to H. H. H. Concrete Paving Co. Slip-forming machine and process for laying concrete mix adjacent to plastic concrete mix. 4,526,493, 7-2-85, Cl. 404-105.000.

Hall, Iris H.: *See—*

McPhail, Andrew T.; Spielvogel, Bernard F.; and Hall, Iris H., 4,550,186, Cl. 556-8.000.

Wyrick, Steven D.; Hall, Iris H.; and Dubey, Agnes, 4,499,303, Cl. 514-605.000.

Hall, J. Roger: *See—*

Coley, Charles R.; and Hall, J. Roger, 4,495,678, Cl. 24-113.00R.

Hall, James E., to Firestone Tire & Rubber Company, The. Catalyst system and process for polymerizing conjugated dienes. 4,520,123, 5-28-85, Cl. 502-153.000.

Hall, James E., to Firestone Tire & Rubber Company, The. Process for production of polymers having increased 1,2-microstructure. 4,530,984, 7-23-85, Cl. 526-177.000.

Hall, James E.; and Schulz, Donald N., to Firestone Tire & Rubber Company, The. Process for production of polymers having increased 1,2-microstructure. 4,537,939, 8-27-85, Cl. 526-179.000.

Hall, James E.: *See—*

Bohm, Georg G. A.; DeTrano, Mario; and Hall, James E., 4,528,331, Cl. 525-313.000.

Kang, Jung W.; and Hall, James E., 4,522,988, Cl. 526-133.000.

Kang, Jung W.; and Hall, James E., 4,562,172, Cl. 502-117.000.

Hall, James F., Jr., to Custom Creamery Systems, Inc. Safety system for apparatus for processing frozen comestibles. 4,502,377, 3-5-85, Cl. 99-492.000.

Hall, James R.; Harter, Donald P.; Clegg, Michael W.; and Gerber, James E., to APX Group Inc. Replacement muffler and process for making same. 4,516,659, 5-14-85, Cl. 181-243.000.

Hall, James R.; and Cunningham, Robert A., to Hughes Tool Company - USA. Tool joint with internal/external make-up shoulders. 4,548,431, 10-22-85, Cl. 285-334.000.

Hall, James T.; and Leyden, Richard N., to Hughes Aircraft Company. Process for the photochemical vapor deposition of hetero-linked polymers. 4,547,395, 10-15-85, Cl. 427-54.100.

Hall, John B.; and Sprecker, Mark A., to International Flavors & Fragrances Inc. Process for preparing 1(4-pentenoyl)-3,3-dimethylcyclohexane and intermediates used in said process. 4,503,258, 3-5-85, Cl. 568-376.000.

Hall, John B.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Use in augmenting or enhancing the aroma or taste of foodstuffs or chewing gums of tetrahydro-1,1,2,3,3-pentamethyl-3A[4H]-indanol. 4,520,032, 5-28-85, Cl. 426-3.000.

Hall, John B.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Tertiary pentamethylindanol derivatives and organoleptic uses thereof. 4,535,192, 8-13-85, Cl. 568-819.000.

Hall, John B.; and Sprecker, Mark A., to International Flavors & Fragrances Inc. 1(1,3-dioxobutane)-3,3-dimethylcyclohexane useful in perfumes. 4,541,951, 9-17-85, Cl. 252-522.00R.

Hall, John B.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Flavoring with tertiary pentamethylindanol derivatives. 4,548,821, 10-22-85, Cl. 426-3.000.

Hall, John B.; Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., to International Flavors & Fragrances Inc. 1-oxoalkyl-2-isopropylnorbornane derivatives, uses thereof in augmenting or enhancing the aroma of consumable materials and processes for preparing same. 4,549,982, 10-29-85, Cl. 252-522.00R.

Hall, John B.; Sanders, James M.; and Siano, James N., to International Flavors & Fragrances Inc. Isosolanone and solanone intermediates and organoleptic uses. 4,560,499, 12-24-85, Cl. 252-522.00R.

Hall, John B.: *See—*

Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., 4,501,762, Cl. 426-538.000.

Hall, John F., to Chrysler Corporation. Engine fuel supply system. 4,503,885, 3-12-85, Cl. 137-574.000.

Hall, John M.; and Pantic, Milan, to Goodyear Aerospace Corporation. Dual piston actuator. 4,496,033, 1-29-85, Cl. 188-347.000.

Hall, John T.: *See—*

Radmore, Robert R.; and Hall, John T., 4,537,368, Cl. 242-58.600.

Hall, Joseph E.: *See—*

Roberts, Charles G.; and Hall, Joseph E., 4,538,287, Cl. 377-60.000.

Hall, Karen: *See—*

Berczi, Charles N.; and Hall, Karen, 4,522,872, Cl. 428-257.000.

Berczi, Charles N.; and Hall, Karen, 4,524,170, Cl. 524-371.000.

Hall, Keith J.: *See—*

Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.

Hall, Kenneth F.; and Beecher, William H., to Illinois Tool Works Inc. External female urinary appliance. 4,496,355, 1-29-85, Cl. 604-327.000.

Hall, Kenneth R.; and Holste, James C., to Precision Machine Products, Inc. Channeled plug proportional flow sampler. 4,527,435, 7-9-85, Cl. 73-863.030.

Hall, Laurance D.; and Sukumar, Subramaniam, to University of British Columbia, The. NMR imaging technique. 4,520,316, 5-28-85, Cl. 324-309.000.

Hall, Lawrence A.; Lightner, Linn S.; Long, William B.; Shannon, Suel G.; and Stahl, Daniel E., to AMP Incorporated. Electrical plug connector and receptacle therefor. 4,493,525, 1-15-85, Cl. 339-143.00R.

Hall, Lorna B. Medical appliance pouch with cover. 4,519,797, 5-28-85, Cl. 604-332.000.

Hall, Maclin S.: *See—*

Miller, Peter S.; and Hall, Maclin S., 4,514,812, Cl. 364-473.000.

Hall, Michael F. Portable shooting bench. 4,535,559, 8-20-85, Cl. 42-94.000.

Hall, Mitchell A., to Monarch Tool & Manufacturing Co. Lock box and method of making same. 4,549,418, 10-29-85, Cl. 70-85.000.

Hall, Nicholas E.: *See—*

Daniels, Ben G.; Hall, Nicholas E.; Naples, Daniel F.; and Schnell, Albert C., 4,559,760, Cl. 53-314.000.

Hall, Nigel: *See—*

Anderton, Kenneth; Hall, Nigel; Parton, Brian; Renfrew, Andrew H. M.; and Shaw, Malcolm G., 4,512,773, Cl. 8-657.000.

Hall, Norman W.: *See—*

Sawran, William R.; Turrill, Frank H.; Newman, John W.; and Hall, Norman W., 4,497,789, Cl. 423-447.400.

Hall, Patrick L.: *See—*

Olson, Harlan W.; and Hall, Patrick L., 4,559,889, Cl. 114-153.000.

Hall, Peter S.: *See—*

James, James R.; and Hall, Peter S., 4,529,988, Cl. 343-731.000.

Hall, Ralph F.: *See—*

Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., 4,533,747, Cl. 560-152.000.

Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., 4,552,893, Cl. 514-560.000.

Hall, Ralph R.: *See—*

Shaw, David H.; and Hall, Ralph R., 4,514,280, Cl. 208-33.000.

Hall, Randall C., to O. I. Corporation. Electrolytic conductivity detector. 4,555,383, 11-26-85, Cl. 422-89.000.

Hall, Richard G.: *See—*

Goebel, Gunther R.; and Hall, Richard G., 4,502,670, Cl. 266-220.000.

Hall, Richard L., to Westinghouse Electric Corp. Automated soldering process and apparatus. 4,560,100, 12-24-85, Cl. 228-40.000.

Hall, Richard W.; Sonnenberg, Sven; and Mahal, Harbhajan S., to Towler Hydraulics, Inc. Regeneration system for a hydraulic intensifier unit. 4,555,220, 11-26-85, Cl. 417-342.000.

Hall, Robert; and Ainsworth, Thomas S., to Thorn EMI plc. Discharge lamps. 4,542,316, 9-17-85, Cl. 313-318.000.

Hall, Robert B.; and Rocheleau, Richard E., to University of Delaware. Process and apparatus for formation of photovoltaic compounds. 4,526,809, 7-2-85, Cl. 427-74.000.

Hall, Robert E., to Macpac Products (N.Z.) Limited. Tramper's packs. 4,504,002, 3-12-85, Cl. 224-211.000.

Hall, Robert J., to Wiggins Teape Group Limited, The. Apparatus for the spark perforation of sheet materials. 4,503,318, 3-5-85, Cl. 219-384.000.

Hall, Robert J.; Hall, George R.; and Cookerly, Jack C., to Norlin Industries Inc. Method and apparatus for animated harmonization. 4,519,286, 5-28-85, Cl. 84-1.030.

Hall, Robert J.: *See—*

Bloom, William M.; Deringer, John F.; and Hall, Robert J., 4,529,176, Cl. 266-242.000.

Hall, George R.; Hall, Robert J.; and Cookerly, Jack C., 4,508,002, Cl. 84-1.030.

Hall, Robert J., Jr.; Hall, George R.; and Cookerly, Jack C. Automatic tempo set. 4,542,675, 9-24-85, Cl. 84-1.030.

Hall, Robert L.; and Wood, Lowell T., to Schlumberger Technology Corporation. Pressure wave fiber optic transducer cable. 4,524,436, 6-18-85, Cl. 367-169.000.

Hall, Robert N.: *See—*

Carlson, Franklin B.; and Hall, Robert N., 4,509,589, Cl. 165-95.000.

Hall, Robert T., to Williams International Corporation. Casting process including making and using an elastomeric pattern. 4,499,940, 2-19-85, Cl. 164-36.000.

- Hall, Roger E. Fastener and base using said fastener. 4,531,733, 7-30-85, Cl. 273-25.000.
- Hall, Sherman E. Low thrust detection system for aircraft engines. 4,538,777, 9-3-85, Cl. 244-1.00R.
- Hall, Stanley J. Portable shooter's bench. 4,506,466, 3-26-85, Cl. 42-94.000.
- Hall, Stephen M., to Quantum Lighting Limited. Ceiling light fitting. 4,519,019, 5-21-85, Cl. 362-147.000.
- Hall, Steven E.; and Haslanger, Martin F., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane substituted oxa prostaglandin analogs and their use in the treatment of thrombolytic disease. 4,526,900, 7-2-85, Cl. 514-469.000.
- Hall, Steven E.; and Haslanger, Martin F., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane substituted oxa prostaglandin analogs and their use in the treatment of thrombolytic disease. 4,542,157, 9-17-85, Cl. 514-469.000.
- Hall, Steven E.; and Haslanger, Martin F., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane substituted thio prostaglandin analogs and their use in the treatment of thrombolytic disease. 4,555,523, 11-26-85, Cl. 514-469.000.
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- Hall, Steven E.: *See—*
  - Das, Jagabandhu; and Hall, Steven E., 4,550,120, Cl. 514-469.000.
- Hall, Steven J.: *See—*
  - Manciocchi, William D., Jr., 4,509,541, Cl. 132-90.000.
- Hall Systems, Inc.: *See—*
  - Loos, Jerold C.; Wakefield, James R.; and Foster, Frederick S., 4,552,349, Cl. 270-54.000.
- Hall, Thomas E.: *See—*
  - Boyce, William C.; Wittekind, Warren D.; Howard, Leroy C.; Hall, Thomas E.; and Lechelt, Wayne M., 4,510,573, Cl. 364-498.000.
- Hall, Timothy J.; and Tridgell, Eric J., to National Research Development Corporation. Method and material for improving the growth of plants. 4,550,527, 11-5-85, Cl. 47-58.000.
- Hall, Walter J.; and O'Leary, Raymond P., to S&C Electric Company. Electrical contact for use in a current-interrupting unit. 4,562,324, 12-31-85, Cl. 200-260.000.
- Hall, Walter J.: *See—*
  - Spigarelli, Donald J.; Peck, Douglas J.; Hall, Walter J.; and Finney, James L., 4,541,358, Cl. 118-58.000.
- Hall, Wayne A.: *See—*
  - Rast, John L.; Hall, Wayne A.; Kramer, Charles F.; and Stenhouse, William L., 4,529,014, Cl. 139-435.000.
- Hall, Wilbur L.: *See—*
  - Huang, Wann-Sheng; Gassmann, Zean Z.; Hawkins, Jeffrey T.; Schievelbein, Vernon H.; and Hall, Wilbur L., 4,540,050, Cl. 166-272.000.
  - Wiechel, John F.; French, Charles R.; and Hall, Wilbur L., 4,494,605, Cl. 166-288.000.
- Hall, Wilbur S., to Amchem Products, Inc. Hydrogen peroxide-free and hydrofluoric acid-free autodeposition baths. 4,554,305, 11-19-85, Cl. 524-321.000.
- Hall, William E.; Gailey, Edward D.; and Ovanin, George J., to S-P Manufacturing Corporation, The. Workholder. 4,550,922, 11-5-85, Cl. 279-119.000.
- Hall, William G.; and Boswell, Peter G., to Johnson Matthey Public Limited Company. Electrical connector. 4,538,876, 9-3-85, Cl. 339-118.00R.
- Hall, William M.: *See—*
  - Burns, Richard H.; Hall, William M.; and Hildebrand, Bernard P., 4,500,163, Cl. 350-3.700.
- Hallam, Donald E.: *See—*
  - Angelucci, Richard J.; Cope, Andrew P.; Hallam, Donald E.; and Ladd, Harry E., 4,555,067, Cl. 242-35.50A.
- Hallauer, John J., to NCR Corporation. Transparent instruction word bus memory system. 4,520,464, 5-28-85, Cl. 365-189.000.
- Hallbach, Raymond L.; and Reynolds, John S., to Cincinnati Milacron Inc. Automatic toolchanger system for turning machine. 4,546,533, 10-15-85, Cl. 29-568.000.
- Hallberg, John E., to PetroSystems International, Inc. Dual fuel system. 4,492,207, 1-8-85, Cl. 123-527.000.
- Hallcher, Richard C.: *See—*
  - Coleman, James P.; Hallcher, Richard C.; Rogers, Thomas E.; and McMackins, Dudley E., 4,526,990, Cl. 549-326.000.
  - Coleman, James P.; Hallcher, Richard C.; McMackins, Dudley E.; Penquite, Charles R.; and Auvil, Steven R., 4,560,775, Cl. 549-326.000.
- Halldorsson, Thorsteinn: *See—*
  - Langerholc, John; and Halldorsson, Thorsteinn, 4,555,179, Cl. 356-342.000.
- Hallee, Donald O.; Lake, Harold; Johansson, Kenneth L.; and Graves, Thomas B., to Foxboro Company, The. Process control system with improved fault isolation. 4,527,271, 7-2-85, Cl. 371-20.000.
- Haller, Andreas: *See—*
  - Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, 4,495,232, Cl. 428-41.000.
- Haller, Bernd: *See—*
  - Stenz, Paul; Ruhroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, 4,529,261, Cl. 339-272.00R.
- Haller, Klaus: *See—*
  - Nonnenmann, Manfred; Hesse, Wolfgang; Haller, Klaus; and Bardong, Helmut, 4,519,120, Cl. 29-157.00R.
- Haller, Kurt H.; and Kidaloski, Raymond G., to Babcock & Wilcox Company, The. Casing seal attachment. 4,538,550, 9-3-85, Cl. 122-235.00G.
- Haller, Richard W.: *See—*
  - Gerding, Beverly J.; and Haller, Richard W., 4,549,366, Cl. 38-102.200.
- Haller, Walter, to Swiss Aluminium Ltd. Adjustable mold for electromagnetic casting. 4,512,386, 4-23-85, Cl. 164-467.000.
- Hallett, Peter: *See—*
  - Collington, Eric W.; Hallett, Peter; Wallis, Christopher J.; and Bradshaw, John, 4,530,925, Cl. 514-211.000.
- Hallford, Ben R., to Rockwell International Corporation. Transistor amplifier variable matching transformer apparatus. 4,500,847, 2-19-85, Cl. 330-277.000.
- Hallgren, John E., to General Electric Company. Method for making silicone-polyester copolymers. 4,539,379, 9-3-85, Cl. 525-446.000.
- Hallgren, John E.: *See—*
  - Bolon, Donald A.; Gorczyca, Thomas B.; and Hallgren, John E., 4,533,504, Cl. 260-463.000.
  - Eddy, Victoria J.; and Hallgren, John E., 4,542,226, Cl. 549-214.000.
  - Swiger, Roger T.; and Hallgren, John E., 4,523,001, Cl. 528-18.000.
- Halliburton Company: *See—*
  - Almond, Stephen W.; and Himes, Ronald E., 4,552,215, Cl. 166-278.000.
  - Almond, Stephen W.; and Conway, Michael W., 4,553,601, Cl. 166-308.000.
  - Arnold, Dan M., 4,529,877, Cl. 250-256.000.
  - Barrington, Burchus Q., 4,522,266, Cl. 166-330.000.
  - Beck, Harold K., 4,515,219, Cl. 166-374.000.
  - Beck, Harold K., 4,537,258, Cl. 166-374.000.
  - Beck, Harold K., 4,557,333, Cl. 166-374.000.
  - Borchardt, John K.; and Young, Bill M., 4,497,596, Cl. 405-263.000.
  - Borchardt, John K., 4,508,629, Cl. 252-8.55D.
  - Borchardt, John K., 4,524,003, Cl. 252-8.55R.
  - Borchardt, John K., 4,536,303, Cl. 252-8.55R.
  - Borchardt, John K., 4,536,304, Cl. 252-8.55R.
  - Borchardt, John K.; and Young, Bill M., 4,536,305, Cl. 252-8.55R.
  - Borchardt, John K.; and Rao, S. Prabhakara, 4,554,081, Cl. 252-8.50A.
  - Borchardt, John K.; and Young, Bill M., 4,558,741, Cl. 166-275.000.
  - Brisco, David P., 4,524,998, Cl. 285-101.000.
  - Brothers, Lance E.; and Rao, S. Prabhakara, 4,500,357, Cl. 106-90.000.
  - Butler, William S., 4,519,617, Cl. 277-153.000.
  - Byrd, James V., Jr.; and Mints, Danny K., 4,553,880, Cl. 406-23.000.
  - Childs, Jerry D.; Sabins, Fred; and Taylor, Mary J., 4,515,216, Cl. 166-293.000.
  - Cole, Clinton W.; and Beach, Verlin R., 4,520,837, Cl. 137-68.00R.
  - Conway, Michael W., 4,502,967, Cl. 252-8.55R.
  - Crain, Stephen F.; Gray, Steven H.; Arnold, Edward P.; and Dodd, Timothy J., 4,538,221, Cl. 364-172.000.
  - Crain, Stephen F.; Gray, Steven H.; Green, Michael L.; and Gibson, Ronald A., 4,538,222, Cl. 364-172.000.
  - Daneshy, Abbas A.; Chisholm, Pat T.; Magee, Dan A.; and Slusher, Gary L., 4,529,036, Cl. 166-254.000.
  - Dill, Walter R.; and Gdanski, Ricky D., 4,527,628, Cl. 166-295.000.
  - Fore, William M., 4,524,825, Cl. 166-139.000.
  - Fore, William M., 4,545,431, Cl. 166-183.000.
  - Freeman, Tommie A., 4,549,580, Cl. 138-89.000.
  - George, Charles; and Gerke, Richard R., 4,557,763, Cl. 106-90.000.
  - Haley, John E., Jr.; Lynch, Michael J.; and Rosenberg, Jeffrey S., 4,561,057, Cl. 364-436.000.
  - Hamid, Syed, 4,508,133, Cl. 137-68.00R.
  - Hanlon, David J.; and Almond, Stephen W., 4,524,829, Cl. 166-294.000.
  - Harmon, Bobby R., 4,502,963, Cl. 252-8.50P.
  - Heemstra, Timothy R., 4,512,424, Cl. 175-299.000.
  - Hester, Lawrence R., II, 4,527,515, Cl. 122-392.000.
  - Holtmyer, Marlin D.; Harris, Phillip C.; and Hunt, Charles V., 4,519,455, Cl. 166-305.00R.
  - Holtmyer, Marlin D.; Harris, Phillip C.; and Hunt, Charles V., 4,554,082, Cl. 252-8.55R.
  - Knox, Lloyd C.; and Gursky, William, Jr., 4,493,592, Cl. 405-225.000.
  - Knox, Lloyd C.; and Moore, Clayton A., 4,552,486, Cl. 405-227.000.
  - Loftin, Royal E.; and Son, Adelina J., 4,536,297, Cl. 252-8.50C.
  - Mallett, A. J., 4,493,062, Cl. 367-32.000.
  - Martin, Larry D.; and Brown, Paul S., 4,539,134, Cl. 252-156.000.
  - Middleton, James D., 4,518,040, Cl. 166-307.000.
  - Moore, Robert A.; and Karisch, Edward P., 4,524,325, Cl. 324-375.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Penn, Jack C., 4,495,639, Cl. 381-51.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Gallup, Jeffrey M., 4,525,804, Cl. 364-900.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Penn, Jack C., 4,531,189, Cl. 364-550.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; Penn, Jack C.; and Moon, John J., 4,551,766, Cl. 358-256.000.

Murali, Beegamudre N.; Rosenberg, Jeffrey S.; and Cole, Clinton W., 4,527,954, Cl. 417-46.000.
Murphey, Joseph R., 4,521,136, Cl. 405-263.000.
Neufeld, Jacob, 4,503,328, Cl. 250-262.000.
Nunley, Allen; and Kampfer, John G., 4,543,478, Cl. 250-261.000.
Rao, S. Prabhakara; and Burkhalter, John F., 4,515,635, Cl. 106-90.000.
Rao, S. Prabhakara; Brothers, Lance E.; and Brake, Bobby G., 4,522,653, Cl. 106-90.000.
Rao, S. Prabhakara; and Burkhalter, John F., 4,555,269, Cl. 106-90.000.
Regalbuto, John A.; Patton, James B.; and Sumner, Cyril R., 4,512,418, Cl. 175-4.560.
Revett, Lowell W., 4,531,583, Cl. 166-253.000.
Revett, Lowell W., 4,541,487, Cl. 166-297.000.
Revett, Lowell W., 4,552,234, Cl. 175-4.600.
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Sabins, Fred; and Childs, Jerry D., 4,524,828, Cl. 166-293.000.
Shalek, Walter F., 4,513,612, Cl. 73-155.000.
Skinner, Neal G., 4,505,993, Cl. 429-100.000.
Skinner, Neal G., 4,506,731, Cl. 166-113.000.
Skinner, Neal G.; and Wesson, David S., 4,508,174, Cl. 166-373.000.
Smith, Harry D., Jr., 4,492,863, Cl. 250-256.000.
Smith, Harry D., Jr.; Arnold, Dan M.; and Schultz, Ward E., 4,493,998, Cl. 250-252.100.
Smith, Harry D., Jr.; Small, Tony M.; and Deaton, John G., 4,504,736, Cl. 250-256.000.
Smith, Harry D., Jr., 4,527,058, Cl. 250-256.000.
Son, Adelina J.; and Loftin, Royal E., 4,525,285, Cl. 252-8.50M.
Son, Adelina J.; Neal, Vernon S.; and Garvey, Christopher M., 4,526,693, Cl. 252-8.50B.
Son, Adelina J.; and Kuzlik, Mark S., 4,539,122, Cl. 252-8.55R.
Stromberg, James L., 4,522,430, Cl. 285-24.000.
Sutton, David L.; and Walker, Michael L., 4,519,922, Cl. 252-8.50B.
Todd, Bradley L., 4,498,427, Cl. 122-379.000.
Walker, Michael L., 4,498,997, Cl. 252-8.55C.
Walker, Michael L., 4,522,658, Cl. 148-6.14R.
Walker, Michael L., 4,552,672, Cl. 252-8.55C.
Weaver, Jimmie D.; Harris, Lawrence E.; and Harms, Weldon M., 4,532,052, Cl. 252-8.55R.
Winslow, Donald W.; and Wray, Gary Q., 4,560,004, Cl. 166-321.000.

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Halliday, Mary M.; and Jackson, Glen R., to Phillips Petroleum Company. Control of a fractional distillation process. 4,544,452, 10-1-85, Cl. 203-1.000.

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Hobbs, James W.; and Halliday, Mary M., 4,526,657, Cl. 203-3.000.

Halliday, Pieter S. J.: *See—*
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Halling, Horace P., to Pressure Science Incorporated. Resilient annular seal with supporting liner. 4,553,775, 11-19-85, Cl. 285-55.000.

Halling, Vaughn W.: *See—*
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Hallman, Robert W., to Napp Systems (USA), Inc. Photosensitive graphic arts article. 4,522,910, 6-11-85, Cl. 430-157.000.

Hallmark Cards, Inc.: *See—*
Carlson, Ronald L.; and Seale, Edward G., 4,542,676, Cl. 84-94.00C.
Davis, Thomas H., Jr.; and Glasscock, Stephen D., 4,491,494, Cl. 156-240.000.
Otto, Stanley W.; Rhoads, Jack G.; and Scrivan, Michel A., 4,509,825, Cl. 350-259.000.
Sanders, Robert E.; Knipp, Jerry L.; and Flynn, Charles J., 4,544,218, Cl. 339-31.00L.
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Hallmark Findings, Inc.: *See—*
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Hallmark, Richard K.; Skowronski, Michael J.; and Stephens, William D., to Jim Walter Resources, Inc. Digestion products of polyalkylene terephthalate polymers and polycarboxylic acid-containing polyols and polymeric foams obtained therefrom. 4,539,341, 9-3-85, Cl. 521-172.000.

Hallock, Donald W.; Hartmann, Thomas M.; and Engebretson, Marvin, to National Rivet & Manufacturing Company. Fastener setting tools. 4,533,075, 8-6-85, Cl. 227-55.000.

Hallock, Gary W., to AT&T Bell Laboratories. Interface for a video display processor arranged to provide an overlay on a video display. 4,531,154, 7-23-85, Cl. 358-148.000.

Hallock, Louis L.: *See—*
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Hallot, Andre; and Biziere, Kathleen, to Sanofi. Derivatives of 4-phenyl quinazoline active on the central nervous system. 4,499,092, 2-12-85, Cl. 514-254.000.

Hallot, Andre: *See—*
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Halluin, Albert P.: *See—*
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Halmi, Dezsoe, to D. Halmi and Associates Inc. Flow metering device with low energy loss. 4,516,434, 5-14-85, Cl. 73-861.640.

Halmi, Dezsoe, to D. Halmi and Associates Inc. Flow metering device with recessed pressure taps. 4,528,847, 7-16-85, Cl. 73-195.000.

Halmos, George T., to Delta Engineering Ltd. Sheet metal joint, structure utilizing the same, and method of construction. 4,516,370, 5-14-85, Cl. 52-245.000.

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Halonen, Heino; Hetemaa, Kalevi; and Vainio, Frans, to Elevator GmbH. Pick-up means for roller pallets. 4,543,026, 9-24-85, Cl. 414-352.000.

Halpaap, Reinhard; Pedain, Josef; Thoma, Wilhelm; and Grammel, Jurgen, to Bayer Aktiengesellschaft. Process for the preparation of viscosity stable polyurethane solutions. 4,530,990, 7-23-85, Cl. 528-53.000.

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Halpern, Alan A. Femoral head remodeling and prosthetic means therefor. 4,532,661, 8-6-85, Cl. 623-23.000.

Halpern, John W., to Paperless Accounting, Inc. Security arrangements in data transfer equipment. 4,499,556, 2-12-85, Cl. 364-900.000.

Halpern, Joseph Y.; Simons, Barbara B.; and Strong, Hovey R., to International Business Machines Corporation. Centralized synchronization of clocks. 4,531,185, 7-23-85, Cl. 364-200.000.

Halpern, Yuval; and Mott, Donna M., to Borg-Warner Chemicals, Inc. Flame-retardant polymer compositions. 4,491,644, 1-1-85, Cl. 524-100.000.

Halpern, Yuval, to Borg-Warner Chemicals, Inc. Bis(beta-pentabromophenoxyethyl) succinate, a flame retardant for ABS. 4,518,795, 5-21-85, Cl. 560-193.000.

Halpern, Yuval; and Mott, Donna, to Borg-Warner Chemicals, Inc. Salts of 5,5-bis-(bromomethyl)-2-hydroxy-2-oxo-1,3,2-dioxaphosphorinane and process for preparing same. 4,551,527, 11-5-85, Cl. 544-214.000.

Halsall, James R.; and Murray, Robert T., to Imperial Chemical Industries PLC. Color multiplexing passive sensor array. 4,517,456, 5-14-85, Cl. 250-226.000.

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Halsey, Donald P., III. Puzzle having polarized stackable components. 4,491,326, 1-1-85, Cl. 273-157.00A.

Halsey, Jay F.; and Briggs, Jeffrey M., to RCA Corporation. Skylight structure. 4,520,604, 6-4-85, Cl. 52-200.000.

Halsey Taylor Division of King-Seeley Thermos Co.: *See—*
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Schmodde, Hermann; and Haltenhof, Hans-Gunter, 4,554,803, Cl. 66-75.200.

Halter, Hartmut, to Reifenhauser GmbH & Co. Maschinenfabrik. Apparatus for coiling a synthetic resin foil web. 4,552,317, 11-12-85, Cl. 242-65.000.

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Halter, Wilbur C. Adjustable pipe clamp holders. 4,498,662, 2-12-85, Cl. 269-101.000.

Halters, M. A. M.; and Verwijmeren, A. S., to Eurogrill B.V. Apparatus for grilling meat or the like. 4,561,348, 12-31-85, Cl. 99-421.00H.

Haltof, Garry P., to Caldwell Manufacturing Company. Adjustable friction sash holder. 4,517,766, 5-21-85, Cl. 49-417.000.

Haluska, Loren A., to Dow Corning Corporation. Silicon carbide preceramic vinyl-containing polymers. 4,546,163, 10-8-85, Cl. 528-14.000.

Haluska, Loren A.; and Molzahn, Marcelle G., to Dow Corning Corporation. Tintable, dyeable, curable coatings and coated articles. 4,554,354, 11-19-85, Cl. 548-110.000.

Haluzak, Nestor T.: *See—*
Simon, Virgil S.; Gutowsky, Arthur C.; and Haluzak, Nestor T., 4,549,712, Cl. 248-224.400.

Halverstadt, Dale A.: *See—*
- Cantrell, Daniel V.; and Halverstadt, Dale A., 4,540,005, Cl. 131-336.000.

Halvin, Stanley. Method for wheel alignment. 4,541,162, 9-17-85, Cl. 29-407.000.

Halvorsen, Finn, to Scanding Byggkonsult Aktiebolag. Flexible terminal point for lattice work construction. 4,543,762, 10-1-85, Cl 52-660.000.

Halvorsen, Gunnar, to Elkem a/s. Method for production of pure silicon. 4,539,194, 9-3-85, Cl. 423-348.000.

Halvorsen, Robert M.: *See—*
- Bradley, Jerome R.; Halvorsen, Robert M.; Hurst, Jeffrey B.; and Long, Gregory F., 4,491,272, Cl. 239-5.000.

Halvorsen, Stephen H. Trolling board. 4,524,538, 6-25-85, Cl. 43-43.130.

Halvorson, Sheldon J., to Global Navigation, Inc. Aircraft navigation computer display. 4,532,513, 7-30-85, Cl. 340-971.000.

Haly, Inc.: *See—*
- Hackett, Robert J., 4,499,777, Cl. 73-864.560.

Ham, Nancy M., to Ciba-Geigy Corporation. Diethyl toluene diamine hardener systems. 4,540,750, 9-10-85, Cl. 525-504.000.

Ham, Norman D., to Massachusetts Institute of Technology. Helicopter individual blade control system. 4,519,743, 5-28-85, Cl. 416-1.000.

Ham, William E., to RCA Corporation. Process for forming an improved silicon-on-sapphire device. 4,496,418, 1-29-85, Cl. 156-643.000.

Hama, Hiroaki; and Abe, Toshiro, to Mitsubishi Denki Kabushiki Kaisha. System for air-conditioning and hot water supplying. 4,507,938, 4-2-85, Cl. 62-324.100.

Hama, Yoshihiro, to Asahi Kogaku Kogyo Kabushiki Kaisha. Zoom lens assembly with switching mechanism from or to zooming photographing to or from macro photographing. 4,506,959, 3-26-85, Cl. 350-430.000.

Hama, Yoshihiro, to Asahi Kogaku Kogyo Kabushiki Kaisha. Rotation control mechanism for diaphragm-operating ring in interchangeable objective for photographic camera. 4,518,238, 5-21-85, Cl. 354-270.000.

Hama, Yoshihisa: *See—*
- Okudaira, Tadashi; Tsuboi, Akio; Hama, Yoshihisa; and Hara, Mamoru, 4,535,901, Cl. 215-1.00C.

Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, to Matsushita Electric Works, Ltd. Speed reducer. 4,541,305, 9-17-85, Cl. 74-690.000.

Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, to Matsushita Electric Works, Ltd. Friction drive planetary roller type speed reducer. 4,561,326, 12-31-85, Cl. 74-798.000.

Hamabe, Takafumi: *See—*
- Ikeda, Shigayuki; and Hamabe, Takafumi, 4,535,760, Cl. 128-33.000.
- Yamamura, Yukio; and Hamabe, Takafumi, 4,491,127, Cl. 128-57.000.

Hamad, Ahmed M.: *See—*
- Sorba, Antoine; Attal, Gerard J.; Seignier, Georges B.; and Hamad, Ahmed M., 4,527,116, Cl. 324-77.00B.

Hamada, Akio: *See—*
- Nakadate, Toshihiko; Numata, Morikuni; Hamada, Akio; and Tsujii, Gen, 4,559,438, Cl. 219-90.000.

Hamada, Eiichi; and Hamada, Kouzou, to Toyota Jidosha Kabushiki Kaisha. Locking device. 4,519,642, 5-28-85, Cl. 292-247.000.

Hamada, Fumio: *See—*
- Kato, Kazuo; Hamada, Fumio; and Ito, Kenji, 4,518,683, Cl. 430-546.000.

Hamada, Hideo: *See—*
- Suga, Masaaki; Morimoto, Yoshiro; Hamada, Hideo; Futagi, Masaaki; and Suzuki, Tadashi, 4,539,869, Cl. 74-866.000.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Futagi, Masaaki, 4,499,979, Cl. 192-3.310.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,503,956, Cl. 192-3.310.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,509,124, Cl. 364-424.100.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,539,643, Cl. 364-431.090.

Hamada, Hiroshi; Take, Hiroshi; Yano, Kozo; and Inami, Yasuhiko, to Sharp Kabushiki Kaisha. Method for manufacturing an electrochromic display device. 4,505,021, 3-19-85, Cl. 29-570.000.

Hamada, Hiroyoshi: *See—*
- Kuwabara, Yoshiharu; Hamada, Hiroyoshi; and Kuwata, Masayuki, 4,521,112, Cl. 356-375.000.
- Kuwabara, Yoshiharu; Takayama, Yasuharu; and Hamada, Hiroyoshi, 4,521,113, Cl. 356-387.000.

Hamada, Ikuro: *See—*
- Yamamoto, Katsumi; Komatsu, Yuichiro; and Hamada, Ikuro, 4,498,259, Cl. 51-165.710.

Hamada, Itsuo: *See—*
- Kadota, Takao; Hashimoto, Masayuki; and Hamada, Itsuo, 4,552,904, Cl. 521-145.000.

Hamada, Kazuhiko: *See—*
- Minai, Masayoshi; Katsura, Tadashi; Hamada, Kazuhiko; and Suzukamo, Gohfu, 4,542,235, Cl. 562-401.000.

Hamada, Koushi: *See—*
- Kawai, Hideki; Nishihara, Hidetoshi; Nakaoka, Seishi; and Hamada, Koushi, 4,531,894, Cl. 417-312.000.

Hamada, Kouzou: *See—*
- Hamada, Eiichi; and Hamada, Kouzou, 4,519,642, Cl. 292-247.000.

Hamada, Makoto; Hasegawa, Junji; and Oosaka, Kuniaki, to Toyota Jidosha Kabushiki Kaisha. Reinforced side door support structure. 4,550,948, 11-5-85, Cl. 296-202.000.

Hamada, Masa: *See—*
- Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, 4,495,347, Cl. 536-24.000.
- Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi; and Imoto, Masaya, 4,550,159, Cl. 536-6.400.

Hamada, Masaaki; Okamaoto, Kaoru; and Kurosaki, Teikichi, to Nippon Zoki Pharmaceutical Co. Ltd. 1,2-dihydro- and 1,2,3,4-tetrahydro quinolylacetic acids and analgesic use thereof. 4,555,513, 11-26-85, Cl. 514-311.000.

Hamada, Masaki: *See—*
- Okamoto, Kaoru; Hamada, Masaki; and Kurosaki, Teikichi, 4,545,993, Cl. 514-456.000.

Hamada, Masanori, to Clarion Co., Ltd. Diversity receiver. 4,495,653, 1-22-85, Cl. 455-277.000.

Hamada, Masanori; and Ono, Sadao, to Clarion Co., Ltd. Diversity receiver. 4,525,869, 6-25-85, Cl. 455-277.000.

Hamada, Masao: *See—*
- Nishi, Yasutaka; Hamada, Masao; Ishikawa, Yoshihide; and Inoue, Setsuo, 4,544,608, Cl. 428-498.000.

Hamada, Minoru: *See—*
- Matsuzaki, Kazuhiko; and Hamada, Minoru, 4,535,127, Cl. 525-154.000.

Hamada, Mitsuo; and Yasuda, Sadami, to Toray Silicone Company, Ltd. Adhesive primer composition and bonding method employing same. 4,534,815, 8-13-85, Cl. 156-307.500.

Hamada, Mitsuo: *See—*
- Kobayashi, Hideki; and Hamada, Mitsuo, 4,500,447, Cl. 252-511.000.

Hamada, Nobuhiro; Sugimoto, Norihiko; and Nawa, Masumi, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Symmetry type loop communication system. 4,517,644, 5-14-85, Cl. 364-200.000.

Hamada, Nobuhiro: *See—*
- Sugimoto, Norihiko; Hamada, Nobuhiro; Masuda, Ikuro; and Sakurai, Jinichi, 4,500,951, Cl. 364-186.000.

Hamada, Osamu, to Sony Corporation. Digital signal processing system. 4,511,966, 4-16-85, Cl. 364-200.000.

Hamada Printing Press Mfg. Co., Ltd.: *See—*
- Masuda, Itsuro, 4,527,788, Cl. 270-21.100.

Hamada, Seiji: *See—*
- Mishiro, Shoji; and Hamada, Seiji, 4,562,413, Cl. 331-116.00R.

Hamada, Shigeharu: *See—*
- Shinkai, Daisuke; Komoto, Haruo; and Hamada, Shigeharu, 4,497,695, Cl. 204-28.000.

Hamada, Shigeki: *See—*
- Sakurai, Shigeru; and Hamada, Shigeki, 4,512,786, Cl. 55-282.000.

Hamada, Taizo: *See—*
- Maetani, Teruo; Miyoshi, Ryoichi; Nahara, Yukinori; Kawazoe, Yasuyuki; and Hamada, Taizo, 4,504,228, Cl. 433-199.000.

Hamada, Takaaki; Kobayakawa, Yohji; Nishikawa, Akira; and Kawahara, Manabu, to Kumahira Safe Co., Inc. Conveyor system for a drive-in bank. 4,546,857, 10-15-85, Cl. 186-37.000.

Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, to Kawasaki Steel Corporation. Methods of producing and using amorphous mother alloy. 4,505,745, 3-19-85, Cl. 75-129.000.

Hamada, Takeshi; and Komatsubara, Yoshinobu, to Mitsui Mining Company Ltd. Method of removing sulfur oxides and nitrogen oxides by dry process. 4,500,501, 2-19-85, Cl. 423-239.000.

Hamada, Takuji; Takahashi, Masahiro; Mizokawa, Sadao; Fushimi, Hitoshi; and Yasumoto, Seiichi, to Hitachi, Ltd. Reconfiguration control method for a loop-type data network. 4,530,085, 7-16-85, Cl. 370-15.000.

Hamada, Takuji: *See—*
- Mizokawa, Sadao; Hamada, Takuji; Tomizawa, Hiroshi; and Fushimi, Hitoshi, 4,510,494, Cl. 340-825.050.

Hamada, Tatsuzo, to Hitachi, Ltd. Liquid crystal display apparatus. 4,556,880, 12-3-85, Cl. 340-814.000.

Hamada, Tooru; Tanaka, Hirohisa; and Ishihara, Tomoo, to Kabushiki Kaisha Daikin Seisakusho. Electro-pneumatic clutch control valve. 4,527,679, 7-9-85, Cl. 192-3.580.

Hamada, Tooru, to Kabushiki Kaisha Daikin Seisakusho. Damper disc. 4,533,338, 8-6-85, Cl. 464-64.000.

Hamada, Toshimitsu: *See—*
- Kuni, Asahiro; Hamada, Toshimitsu; Makihira, Hiroshi; and Yoshimura, Kazushi, 4,556,797, Cl. 250-492.200.

Hamada, Yasufumi: *See—*
- Tanaka, Toru; Hataya, Masanori; Tanaka, Kazuo; Sakai, Yukio; and Hamada, Yasufumi, 4,500,730, Cl. 562-416.000.

Hamada, Yoneichi: *See—*
- Miyawaki, Yoshiharu; Hirose, Takeshi; Hamada, Yoneichi; Mizuoka, Seishi; and Tsuru, Masahiro, 4,532,980, Cl. 164-475.000.

Hamaguchi, Hiroshi: *See—*
- Fukami, Akira; Noguchi, Hiroki; and Hamaguchi, Hiroshi, 4,500,479, Cl. 261-98.000.

Hamaguchi, Naoru: *See—*
- Yoshimura, Yoshinobu; Hamaguchi, Naoru; and Yashiki, Takatsuka, 4,497,809, Cl. 514-206.000.

Hamaguchi, Osamu, to Nippon Cable System Inc. Wire-driving device for window regulator. 4,534,233, 8-13-85, Cl. 74-89.200.

Hamaguchi, Takehiko; Hazama, Kiyoaki; Iwaida, Kenichi; and Iguchi, Takeyoshi, to Konishiroku Photo Industry Co., Ltd. Folding camera with movable member mounting an objective lens and reflex mirror. 4,545,661, 10-8-85, Cl. 354-86.000.

Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, to Victor Company of Japan, Ltd.; and Shin-Etsu Chemical Co., Ltd. High density information record made of a conductive resin composition comprising a specific type of dimethylpolysiloxane. 4,547,545, 10-15-85, Cl. 524-269.000.

Hamaguchi, Toshiaki: *See—*
  Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.

Hamaguchi, Yoshiharu, to France Bed Co., Ltd. Bed apparatus with urinal and an integral drive mechanism. 4,490,865, 1-1-85, Cl. 5-90.000.

Hamai, Kyugo; Nakagawa, Yasuhiko; Nakai, Meroji; and Inoue, Ryusaburo, to Nissan Motor Company, Limited. Ignition system for an internal combustion engine. 4,497,306, 2-5-85, Cl. 123-620.000.

Hamai, Kyugo; Nakai, Meroji; Inoue, Ryusaburo; and Nakagawa, Yasuhiko, to Nissan Motor Company, Limited. Ignition system for an internal combustion engine. 4,502,454, 3-5-85, Cl. 123-597.000.

Hamaide, Thierry: *See—*
  le Mehaute, Alain; Hamaide, Thierry; Crepy, Gilles; and Marcellin, Georges, 4,556,614, Cl. 429-191.000.

Hamaji, Yukio: *See—*
  Okabe, Shinsei; Komatsu, Hiroshi; Hamaji, Yukio; Kojima, Shozo; and Kato, Yoshiharu, 4,537,865, Cl. 501-135.000.

Hamajima, Shigemitsu; Nishimura, Tomoaki; Sakakibara, Naoji; and Kawata, Shoji, to Aisin Seiki Kabushiki Kaisha. Automatic transmission control system with reset. 4,499,542, 2-12-85, Cl. 364-424.100.

Hamakado, Toshinari: *See—*
  Kido, Yasuji; Yoshida, Tsutomu; Hamakado, Toshinari; Anno, Masami; Harada, Takahiro; and Motoki, Yoshinobu, 4,526,866, Cl. 435-68.000.

Hamakawa, Yoshihiro; and Tawada, Yoshihisa, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Amorphous silicon photovoltaic device including a two-layer transparent electrode. 4,491,682, 1-1-85, Cl. 136-256.000.

Hamakawa, Yoshihiro; Okamoto, Hiroaki; and Okuda, Kouji, to Osaka Transformer Co., Ltd. Photovoltaic device. 4,496,788, 1-29-85, Cl. 136-249.000.

Hamakawa, Yoshihiro; and Tawada, Yoshihisa, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Amorphous semiconductor and amorphous silicon photovoltaic device. 4,499,331, 2-12-85, Cl. 136-258.000.

Hamakawa, Yoshihiro: *See—*
  Tsuge, Kazunori; Tawada, Yoshihisa; and Hamakawa, Yoshihiro, 4,544,423, Cl. 148-174.000.

Hamalainen, Kaarlo J.; and Reitmeier, Glenn A., to RCA Corporation. Television signal standards conversion using a helical scan VTR. 4,500,930, 2-19-85, Cl. 358-310.000.

Hamalainen, Kaarlo J., to RCA Corporation. Automatic tracking system for multitrack recorders. 4,525,750, 6-25-85, Cl. 358-327.000.

Hamalainen, Kaarlo J., to RCA Corporation. Adaptive automatic scan tracking system. 4,550,351, 10-29-85, Cl. 360-77.000.

Hamamatsu, Seiji: *See—*
  Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, 4,500,761, Cl. 200-84.00C.

Hamamatsu Terebi Kabushiki Kaisha: *See—*
  Tsuchiya, Yutaka; Inuzuka, Eiji; and Shinoda, Yuji, 4,492,879, Cl. 307-248.000.

Hamamatsu TV Co., Ltd.: *See—*
  Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.

Hamamoto, Hideo: *See—*
  Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, 4,530,041, Cl. 362-268.000.
  Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, 4,542,448, Cl. 362-268.000.

Hamamoto, Hirofumi: *See—*
  Osaki, Kazuhiko; Hamamoto, Hirofumi; Kurokawa, Junzi; and Akieda, Shigeru, 4,547,946, Cl. 29-412.000.

Hamamoto, Kiyoshi: *See—*
  Yano, Masatoshi; and Hamamoto, Kiyoshi, 4,527,586, Cl. 137-318.000.

Hamamoto, Nobuo: *See—*
  Nomura, Setsuo; Tonomura, Akira; Hamamoto, Nobuo; and Fukuhara, Akira, 4,532,422, Cl. 250-306.000.

Hamamoto, Takashi: *See—*
  Haruta, Masahiro; and Hamamoto, Takashi, 4,496,629, Cl. 428-341.000.
  Haruta, Masahiro; Hamamoto, Takashi; and Toganoh, Shigeo, 4,544,580, Cl. 427-261.000.

Hamamoto, Tooru: *See—*
  Kodama, Hisashi; Hamamoto, Tooru; Tamura, Tetsuomi; Sato, Katsujiro; and Yamada, Kazuharu, 4,535,734, Cl. 123-90.580.

Hamamoto, Yoshito: *See—*
  Shibata, Setsuo; Koshiba, Yukihiko; Hamamoto, Yoshito; Kugai, Katsutoshi; Kawashima, Akiro; and Fujisawa, Hiroshi, 4,540,490, Cl. 210-323.200.

Hamamura, Masuzo. Method of manufacturing durable metal molds by metal melt-spraying. 4,549,597, 10-29-85, Cl. 164-35.000.

Hamamuro, Naozi: *See—*
  Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,499,929, Cl. 141-1.100.
  Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,548,882, Cl. 429-211.000.

Haman, Daniel J., to Hewlett-Packard Company. Electrical load drive and control system. 4,504,779, 3-12-85, Cl. 323-349.000.

Hamana, Ryozo: *See—*
  Ayusawa, Tadashi; Aoki, Tadamichi; and Hamana, Ryozo, 4,544,749, Cl. 546-184.000.

Hamanaka, Ernest S.; and Stam, John G., to Pfizer Inc. Salts of 6-alpha-(aminomethyl)penicillanic acid 1,1-dioxide esters and beta-lactam antibiotics. 4,521,533, 6-4-85, Cl. 514-80.000.

Hamanaka, Toshiyuki: *See—*
  Ogawa, Yutaka; Yamada, Shunichi; and Hamanaka, Toshiyuki, 4,559,193, Cl. 264-60.000.

Hamane, Masumi; and Onda, Takanori, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle engine cooling system. 4,557,345, 12-10-85, Cl. 180-229.000.

Hamane, Masumi: *See—*
  Ochiai, Hideo; Hamane, Masumi; and Kimoto, Masahiko, 4,519,473, Cl. 180-229.000.

Hamane, Tokuhito; Tasai, Masaaki; and Kubota, Tadashi, to Matsushita Electric Industrial Co., Ltd. Coil inserting apparatus. 4,497,111, 2-5-85, Cl. 29-734.000.

Hamanishi, Makio: *See—*
  Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.

Hamanishi, Yoshinari, to Nippon Kogaku K.K. Rear conversion lens. 4,514,051, 4-30-85, Cl. 350-465.000.

Hamann, Georg. Sailboard rig. 4,512,276, 4-23-85, Cl. 114-39.000.

Hamann, Lutz, to Ficht GmbH. Crank guide assembly for an internal combustion engine with at least two facing cylinders. 4,491,097, 1-1-85, Cl. 123-56.00R.

Hamano, Fumio: *See—*
  Oho, Shigeru; Hamano, Fumio; and Hirayama, Takeshi, 4,554,461, Cl. 307-40.000.

Hamano, Hideo; and Koga, Yasunori, to Toyota Jidosha Kogyo Kabushiki Kaisha. Restriction device for differential gear. 4,516,443, 5-14-85, Cl. 74-711.000.

Hamano, Hideo, to Toyota Jidosha Kabushiki Kaisha. Air breather for power transmission unit. 4,554,844, 11-26-85, Cl. 74-606.00R.

Hamano, Hideo: *See—*
  Takimura, Keisuke; and Hamano, Hideo, 4,513,635, Cl. 74-713.000.

Hamano, Hiroaki: *See—*
  Kunishima, Mamoru; Yabuuchi, Masahiko; Masuda, Minoru; Imazumi, Kikuo; and Hamano, Hiroaki, 4,495,348, Cl. 544-021.000.

Hamano, Isao, to Mitsubishi Denki Kabushiki Kaisha. Starter with a planetary gear reduction facilities. 4,494,414, 1-22-85, Cl. 74-7.00E.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Full economizer for vehicles. 4,497,291, 2-5-85, Cl. 123-179.0BG.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; and Tanaka, Toshinori, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for automatically starting and stopping engine. 4,500,794, 2-19-85, Cl. 290-38.00C.

Hamano, Isao, to Mitsubishi Denki Kabushiki Kaisha. Buffering mechanism for automotive starter. 4,503,719, 3-12-85, Cl. 74-7.00E.

Hamano, Isao, to Mitsubishi Denki Kabushiki Kaisha. Method for starting an electric starting motor adapted for starting an internal combustion engine. 4,507,565, 3-26-85, Cl. 290-38.00R.

Hamano, Isao, to Mitsubishi Denki Kabushiki Kaisha. Starting motor with planetary gear reduction gears. 4,519,261, 5-28-85, Cl. 74-7.00E.

Hamano, Isao; Yabunaka, Kiyoshi; Akae, Yoshifumi; Tanaka, Toshinori; Gotou, Takeo; and Matsumoto, Kouichi, to Mitsubishi Denki Kabushiki Kaisha. Engine starter. 4,543,923, 10-1-85, Cl. 123-179.00F.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Starting system for internal combustion engine. 4,553,441, 11-19-85, Cl. 74-7.00R.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Nishimura, Youji; Tanaka, Toshinori; and Yabunaka, Kiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Pump device. 4,558,992, 12-17-85, Cl. 417-250.000.

Hamano, Junichi. Slot machine with pattern confirmation and correction means. 4,515,366, 5-7-85, Cl. 273-143.00R.

Hamano, Junichi, to Takasago Electric Industry Co., Ltd. Image displaying method in a card game machine. 4,560,161, 12-24-85, Cl. 273-85.0CP.

Hamano, Nobuo; and Matsumoto, Kazumi, to Tomy Kogyo Company, Incorporated. Electronic stereoscopic viewing device. 4,561,723, 12-31-85, Cl. 350-331.00R.

Hamano, Sachiyuki: *See—*
  Sugimoto, Hachiro; Hamano, Sachiyuki; Shoji, Tadao; Kaneko, Takeru; and Uzuo, Takeshi, 4,493,837, Cl. 424-253.000.

Hamano, Toshihisa, to Fuji Xerox Co., Ltd. Process for fabricating thin film image pick-up element. 4,517,733, 5-21-85, Cl. 29-572.000.

Hamano, Toshihisa; Nakamura, Takeshi; and Ito, Hisao, to Fuji Xerox Co., Ltd. Elongated light receiving element assembly. 4,546,243, 10-8-85, Cl. 250-211.00R.

Hamano, Toshihisa: *See—*
  Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, 4,560,866, Cl. 250-216.000.

Hamaoka, Hidetoshi: *See—*

Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.

Hamaoka, Tsutomu: *See—*

Ohki, Nobutaka; Tsubota, Motohiko; Morigaki, Masakazu; and Hamaoka, Tsutomu, 4,542,086, Cl. 430-218.000.

Hamar, Edward K.; and Blakeman, Gordon E., to Horner Flooring Company. Portable sectional flooring system. 4,538,392, 9-3-85, Cl. 52-582.000.

Hamas, Robert S. Mammary prosthesis with multiple flow spaces. 4,531,244, 7-30-85, Cl. 623-8.000.

Hamasaka, Kenneth B. Boot drying device. 4,559,440, 12-17-85, Cl. 219-215.000.

Hamasaki, Masanobu, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Welding method combining laser welding and MIG welding. 4,507,540, 3-26-85, Cl. 219-121.0LD.

Hamashima, Eiji: *See—*

Momono, Masakichi; Moriya, Hisanori; Souma, Masahiro; and Hamashima, Eiji, 4,520,962, Cl. 239-585.000.

Hamashima, Toyoji: *See—*

Nio, Satoru; Sato, Shinobu; Fujii, Hajime; and Hamashima, Toyoji, 4,495,588, Cl. 364-513.000.

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Hamashima, Yoshio: *See—*

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Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,504,659, Cl. 544-92.000.

Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,533,730, Cl. 544-92.000.

Hamatani, Fumikazu; and Funabasama, Kouichi, to Nitsuko Limited. Ringing signal detection circuit. 4,536,619, 8-20-85, Cl. 179-84.00R.

Hamatani, Tomio, to Boeing Company, The. Outward opening electrically powered plug-type cargo door. 4,497,462, 2-5-85, Cl. 244-129.500.

Hamatsuki, Takeshige: *See—*

Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, 4,523,121, Cl. 310-334.000.

Yano, Takeshi; Fukui, Izumu; Hamatsuki, Takeshige; Sato, Eiichi; and Inui, Osamu, 4,518,887, Cl. 310-328.000.

Hamayasu, Norio, to Shimano Industrial Company Limited. Fish hook. 4,503,634, 3-12-85, Cl. 43-44.830.

Hamazaki, Haruo; and Mitsugi, Makinoda, to Kurita Machinery Manufacturing Company Limited. Cleaning device for a filter press. 4,553,558, 11-19-85, Cl. 134-181.000.

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Hamblet, Newman. Club protective devices for golf bags. 4,522,300, 6-11-85, Cl. 206-315.400.

Hambleton, Robert J., to AT&T Technologies, Inc. Plastic injector with heat control. 4,548,341, 10-22-85, Cl. 222-146.600.

Hambleton, Thomas P.; Guevara, Erick; and Rychiger, Peter, to International Paper Company. End closure structure for a container. 4,557,398, 12-10-85, Cl. 220-270.000.

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Hambley, Allan R.: *See—*

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Hambrecht, Juergen; Reffert, Rudi W.; Echte, Adolf; and Swoboda, Johann, to BASF Aktiengesellschaft. Stabilization of polyphenylene ether solutions. 4,496,679, 1-29-85, Cl. 524-111.000.

Hambrecht, Juergen; Brandstetter, Franz; Ziegler, Walter; Mueller, Wolfgang F.; Bronstert, Klaus; and Echte, Adolf, to BASF Aktiengesellschaft. Thermoplastic molding materials. 4,526,927, 7-2-85, Cl. 525-68.000.

Hambrecht, Juergen; Reffert, Rudi W.; Minges, Peter; and Swoboda, Johann, to BASF Aktiengesellschaft. Removal of the catalyst from polyphenylene ethers. 4,536,567, 8-20-85, Cl. 528-486.000.

Hambrecht, Juergen: *See—*

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Hamed, Parviz, to SW Industries, Inc. Monomer-plasticized elastomers and process for producing same. 4,530,944, 7-23-85, Cl. 523-335.000.

Hamel, Gerald, to Industries P. H. L., Inc. Bandmill mechanism. 4,505,176, 3-19-85, Cl. 83-808.000.

Hamel, Howard L. Electrical line reversal and protection system. 4,492,878, 1-8-85, Cl. 307-127.000.

Hamel, Jerome T.; and Huff, Bernard G., to Hantover, Inc. Pneumatic stunner. 4,503,585, 3-12-85, Cl. 17-1.00B.

Hamel, Peter; and Karmann, Rudiger, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Steering and stabilization system for vehicles. 4,525,784, 6-25-85, Cl. 364-434.000.

Hamel, Roger G.; and Poulin, Susan B., to Thiokol Corporation. One part activator and blowing agent for foaming plastics. 4,491,554, 1-1-85, Cl. 264-141.000.

Hamel, Roger G.; and Poulin, Susan B., to Morton Thiokol, Inc. One-part activator and blowing agent for foaming plastics. 4,520,137, 5-28-85, Cl. 521-79.000.

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LeBlond, Charles E.; and LeBlond, Henri, 4,508,392, Cl. 301-63.0PW.

Hamelin, Jean-Francois; and Combe, Michel, to Service National Electricite de France. Digital data transmission process and installation. 4,547,879, 10-15-85, Cl. 370-86.000.

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Hamer, Arthur; and Pardoe, Beverley H., to National Research Development Corporation. Vibratory conveyor control arrangement. 4,496,884, 1-29-85, Cl. 318-114.000.

Hamer, Howard, to United States of America, Army. Error correction method and apparatus. 4,519,079, 5-21-85, Cl. 371-38.000.

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Hamerla, Donald R., to General Electric Company. Enhanced reliability data storage system with second memory for preserving time-dependent progressively updated data from destructive transient conditions. 4,525,800, 6-25-85, Cl. 364-900.000.

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Aro, Enn; Bogan, Leonard E.; Hamersley, Richard A.; Knapke, Paul H.; and Miller, Robert L., 4,495,614, Cl. 370-58.000.

Bogan, Leonard E.; and Hamersley, Richard A., 4,527,266, Cl. 370-58.000.

Bogan, Leonard E.; Godwin, William R.; Hamersley, Richard A.; Poulsen, Harold W.; and Miller, Robert L., 4,530,086, Cl. 370-58.000.

Hamid, Michael; and Lionis, Anastasios, to United States of America, Navy. Polyconductor device for laser beam detection and protection. 4,494,835, 1-22-85, Cl. 351-158.000.

Hamid, Syed, to Halliburton Company. Protective cover retainer. 4,508,133, 4-2-85, Cl. 137-68.00R.

Hamill, Donald F.: *See—*

Poirier, Roger; and Hamill, Donald F., 4,557,141, Cl. 73-117.200.

Hamill, Robert L.; and Kastner, Ralph E., to Eli Lilly and Company. A47934 antibiotic and process for production thereof. 4,537,879, 8-27-85, Cl. 514-9.000.

Hamill, Timothy: *See—*

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Boettcher, Charles W., Jr.; Hamilton, Billy H.; Slak, William M.; and Zweig, Walter L., 4,520,437, Cl. 363-41.000.

Hamilton, Charles H.; and Puhaczevski, Paul R., to Rockwell International Corporation. Method of removing formed parts from a die. 4,502,309, 3-5-85, Cl. 72-60.000.

Hamilton, David T.: *See—*

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Hamilton-Dunn Research Co.: *See—*

Hamilton, William H., 4,523,083, Cl. 219-433.000.

Hamilton, Edward. Oil pan and windage tray for high performance engines. 4,519,348, 5-28-85, Cl. 123-195.00C.

Hamilton Farm: *See—*

Douglas-Hamilton, Diarmaid H., 4,530,816, Cl. 422-1.000.

Hamilton, Glen T., to GME, Inc. Yieldable platform for food wrapping machine. 4,522,013, 6-11-85, Cl. 53-220.000.

Hamilton, Gregory A.: *See—*

Hake, Kenneth A.; and Hamilton, Gregory A., 4,530,406, Cl. 172-705.000.

Hamilton, Harriet: *See—*

Trivedi, Bharat; Hamilton, Harriet; and Moos, Walter, 4,501,735, Cl. 514-46.000.

Hamilton Industries: *See—*

Vetter, Gary V.; Yindra, Leonard J.; and Gilbert, Wilbur E., 4,547,092, Cl. 403-59.000.

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Hamilton Industries, Inc.: *See—*

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Hamilton, James. Combination back pack/beach chair. 4,530,451, 7-23-85, Cl. 224-155.000.

Hamilton, James G.; Sullivan, Ann C.; Tobias, Lawrence D.; and Triscari, Joseph, to Hoffmann-La Roche Inc. Thromboxane synthase inhibitors as insulin lowering agents and antiobesity agents. 4,500,540, 2-19-85, Cl. 514-397.000.

Hamilton, James G., to Barr & Stroud Limited. Optical waveguide slip ring assembly. 4,519,673, 5-28-85, Cl. 350-96.320.

Hamilton, John W.: *See—*

Fiordellisi, Stephen J.; Gergoe, Bela; and Hamilton, John W., 4,544,189, Cl. 292-50.000.

- Hamilton, Lawrence E.; and Rutili, Renzo N., to Stewart-Warner Corporation. Illuminated membrane switch. 4,493,958, 1-15-85, Cl. 200-314.000.
- Hamilton, Lawrence E.; and Rutili, Renzo N., to Stewart-Warner Corporation. Illuminated membrane switch. 4,551,598, 11-5-85, Cl. 200-314.000.
- Hamilton, Lyman L., to Guest, Alice Hamilton; Hamilton, Robert Lyman; and Hamilton, Neil Wesley. Rodent exterminator. 4,539,774, 9-10-85, Cl. 43-80.000.
- Hamilton, Michael A.; and Zboril, Vaclay G., to Du Pont Canada Inc. Process for the preparation of polymers of alpha-olefins at high temperatures. 4,547,473, 10-15-85, Cl. 502-113.000.
- Hamilton, Neil Wesley: *See—*
  - Hamilton, Lyman L., 4,539,774, Cl. 43-80.000.
- Hamilton, Noble E.: *See—*
  - Dey, Arabinda N.; and Hamilton, Noble E., 4,533,609, Cl. 429-172.000.
- Hamilton-Pax, Inc.: *See—*
  - Laue, Charles E., 4,521,948, Cl. 29-157.10R.
- Hamilton, Richard G.: *See—*
  - Schlessinger, Joseph E.; and Hamilton, Richard G., 4,546,770, Cl. 128-630.000
- Hamilton, Robert: *See—*
  - Andrew, Wesley A.; Shields, Curtis E.; Hindlin, Harry O.; and Hamilton, Robert, 4,533,333, Cl. 441-38.000.
- Hamilton, Robert Lyman: *See—*
  - Hamilton, Lyman L., 4,539,774, Cl. 43-80.000.
- Hamilton, Robert W.: *See—*
  - Pitzele, Barnett S.; Yu, Stella S. T.; Hamilton, Robert W.; and Moormann, Alan E., 4,533,739, Cl. 548-559.000.
- Hamilton, Rodrick J., to Digimetrics, inc. Spot weld quality monitoring system. 4,562,330, 12-31-85, Cl. 219-110.000.
- Hamilton, Scott B.; and Golden, Douglas B. Signal seat for children. 4,538,142, 8-27-85, Cl. 340-667.000.
- Hamilton Sorter Company, Inc.: *See—*
  - Kwiecinski, Alfred; and Yauger, Jon A., 4,515,086, Cl. 108-96.000.
- Hamilton, Stephen P.; and McFarland, Harry G., to Texas Instruments Incorporated. Non-volatile memory system. 4,503,494, 3-5-85, Cl. 364-200.000.
- Hamilton, Stephen P., to Texas Instruments Incorporated. Memory system with single command selective sequential accessing of predetermined pluralities of data locations. 4,516,218, 5-7-85, Cl. 364-900.000.
- Hamilton, Thomas H.: *See—*
  - Eby, Robert S.; Stephenson, Michael J.; Andrews, Deborah H.; and Hamilton, Thomas H., 4,546,611, Cl. 62-54.000.
- Hamilton, Thomas J.: *See—*
  - Wnuk, Paul A.; Hamilton, Thomas J.; Trassare, Anthony, Jr.; and Oliver, Michael J., 4,516,891, Cl. 410-154.000.
- Hamilton, Tom P.: *See—*
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- Hamilton, William A.: *See—*
  - Seltzer, Edward; and Hamilton, William A., 4,495,214, Cl. 426-557.000.
- Hamilton, William C.: *See—*
  - Sasser, R. Garth; and Hamilton, William C., 4,554,256, Cl. 436-510.000.
- Hamilton, William H., to Hamilton-Dunn Research Co. Beverage warmer. 4,523,083, 6-11-85, Cl. 219-433.000.
- Hamisch, Paul H., Jr., to Monarch Marking Systems, Inc. Hand-held electrically selectable labeler. 4,497,682, 2-5-85, Cl. 156-384.000.
- Hamisch, Paul H., Jr., to Monarch Marking Systems, Inc. Labeler with inking mechanism. 4,498,389, 2-12-85, Cl. 101-288.000.
- Hamisch, Paul H., Jr.; and Makley, James A., to Monarch Marking Systems, Inc. Hand-held labeler. 4,498,947, 2-12-85, Cl. 156-384.000.
- Hamisch, Paul H., Jr.; and Mistyurik, John D., to Monarch Marking Systems, Inc. Hand-held labeler. 4,511,422, 4-16-85, Cl. 156-384.000.
- Hamisch, Paul H., Jr.; and Mistyurik, John D., to Monarch Marking Systems, Inc. Labeler. 4,561,926, 12-31-85, Cl. 156-381.000.
- Hamisch, Paul H., Jr.: *See—*
  - Pabodie, Robert M.; and Hamisch, Paul H., Jr., 4,496,049, Cl. 206-395.000.
- Hamlin, David A.; and Glover, Melvin L. Automatically retractable, rotatable step assembly. 4,542,805, 9-24-85, Cl. 182-91.000.
- Hamlin, Humphrey A. S.; and Taylor, James C., to Normalair-Garrett (Holdings) Limited. Molecular sieve type gas separation systems. 4,543,109, 9-24-85, Cl. 55-25.000.
- Hamlin, Inc.: *See—*
  - Miller, Norbert D.; and LaFleur, Craig V., 4,547,756, Cl. 335-152.000.
- Hamlin, Inge; and Beudat, Andre, to P.S. Paging System, A.B. Radio communication system. 4,507,646, 3-26-85, Cl. 340-310.00R.
- Hamlin International Corp.: *See—*
  - Forgey, James; and Kirk, Donald, Jr., 4,511,919, Cl. 358-120.000.
- Hamlin, James M.: *See—*
  - Wey, Jong-Shinn; Whiteley, Thomas E.; and Hamlin, James M., 4,552,838, Cl. 430-569.000.
- Hamlin, Jerry J. Intrusion detector and method. 4,544,920, 10-1-85, Cl. 340-565.000.
- Hamlin, Thomas J., to Xerox Corporation. Paddle retard feeder. 4,515,357, 5-7-85, Cl. 271-120.000.
- Hamm, Donald J., to CPC International Inc. Low calorie edible oil substitutes. 4,508,746, 4-2-85, Cl. 426-601.000.
- Hamm, James R.; and Young, William E., to KRW Energy Systems Inc. High temperature gas turbine systems. 4,499,722, 2-19-85, Cl. 60-39.120.
- Hamm, Josef: *See—*
  - Emmerling, Hans-Jorg; and Hamm, Josef, 4,537,014, Cl. 53-570.000.
- Hamm, Wilfried. Multi-purpose sports-kit. 4,512,572, 4-23-85, Cl. 272-144.000.
- Hammack, Teddy J.: *See—*
  - Horsma, David A.; and Hammack, Teddy J., 4,560,498, Cl. 252-511.000.
- Hamman, Martin E.; and Baughman, Gary M., to Rieke Corporation. Vented nestable pouring spout. 4,555,048, 11-26-85, Cl. 222-478.000.
- Hammann, Ingeborg: *See—*
  - Elbe, Hans-Ludwig; and Hammann, Ingeborg, 4,501,753, Cl. 514-447.000.
  - Fuchs, Rainer; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,491,585, Cl. 424-263.000.
  - Fuchs, Rainer; Klauke, Erich; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,529,557, Cl. 260-465.00D.
  - Heywang, Gerhard; Kuhle, Engelbert; Behrenz, Wolfgang; Hammann, Ingeborg; and Homeyer, Bernhard, 4,507,292, Cl. 514-183.000.
  - Kruger, Bernd-Wieland; Homeyer, Bernhard; Hammann, Ingeborg; and Stendel, Wilhelm, 4,548,931, Cl. 514-141.000.
  - Maurer, Fritz; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,503,057, Cl. 514-269.000.
  - Maurer, Fritz; Homeyer, Bernhard; and Hammann, Ingeborg, 4,513,000, Cl. 514-407.000.
  - Sirrenberg, Wilhelm; Klauke, Erich; and Hammann, Ingeborg, 4,533,676, Cl. 514-535.000.
  - Sirrenberg, Wilhelm; Marhold, Albrecht; Hammann, Ingeborg; Krehan, Ingomar; and Stendel, Wilhelm, 4,536,587, Cl. 549-366.000.
- Hammar, Walton J.: *See—*
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- Hammarberg, Lars. Reinforced wood particle board and a method of producing it. 4,514,258, 4-30-85, Cl. 162-107.000.
- Hammarlund, Kenneth; and Hammarlund, Wilford. Powered landscape rake. 4,516,639, 5-14-85, Cl. 172-99.000.
- Hammarlund, Wilford: *See—*
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- Hammarstedt, Gosta, to Arcu Armaturindustri AB. Thermostatic sensor and method of making same. 4,507,921, 4-2-85, Cl. 60-527.000.
- Hammarstedt, Ulf: *See—*
  - Ek, Kenneth; and Hammarstedt, Ulf, 4,549,970, Cl. 210-776.000.
- Hammer, Edward E.; and Beck, Charles E., to General Electric Company. Shaped discharge lamp with starting aid. 4,523,126, 6-11-85, Cl. 313-594.000.
- Hammer, Edward E.; and Lemmers, Eugene, to General Electric Company. Starting circuit for multiple fluorescent lamps. 4,562,381, 12-31-85, Cl. 315-99.000.
- Hammer, Edward E.: *See—*
  - Lemmers, Alfred E.; and Hammer, Edward E., 4,513,225, Cl. 315-189.000.
- Hammer, Friedrich: *See—*
  - Hinrichs, Walter; Hammer, Friedrich; and Lange, Ludwig, 4,536,938, Cl. 29-527.500.
- Hammer, Hans: *See—*
  - Zylbert, Thaddeus J.; Fuhrmann, Wolf-Dieter; Hammer, Hans; and Kappertz, Fritz, 4,519,330, Cl. 112-222.000.
- Hammer, Heiner I., to Schlegel Lining Technology GmbH. Concrete pipe with an inner lining. 4,499,923, 2-19-85, Cl. 138-109.000.
- Hammer, Heiner I., to Schlegel Lining Technology GmbH. Process and prepressing pipe for laying a pipeline in the earth. 4,552,485, 11-12-85, Cl. 405-184.000.
- Hammer, Howard: *See—*
  - Veenema, James, 4,491,321, Cl. 273-29.00A.
- Hammer, Jacob M.; and Neil, Clyde C., to RCA Corporation. Microtranslator and microtranslator assembly. 4,495,704, 1-29-85, Cl. 33-180.00R.
- Hammer, Joel B.; and Gronholm, Richard A., to Westinghouse Electric Corp. Dynamoelectric machine with rotor ventilation system including exhaust coolant gas diffuser and noise baffle. 4,546,279, 10-8-85, Cl. 310-59.000.
- Hammer, Joel B.; and Gronholm, Richard A., to Westinghouse Electric Corp. Dynamoelectric machine with rotor ventilation system including prewhirl inlet guide vanes. 4,547,688, 10-15-85, Cl. 310-59.000.
- Hammer, Klaus-Dieter; and Winter, Hermann, to Hoechst Aktiengesellschaft. Tubular food casing. 4,529,634, 7-16-85, Cl. 428-36.000.
- Hammer, Klaus-Dieter; Winter, Hermann; Kindl, Erwin; and Luchterhand, Heinz, to Hoechst Aktiengesellschaft. Tubular food casing having improved peeling properties. 4,543,282, 9-24-85, Cl. 428-36.000.
- Hammer, Rudolf: *See—*
  - Engel, Wolfhard; Trummlitz, Gunter; Eberlein, Wolfgang; Mihm, Gerhard; Schmidt, Gunther; Hammer, Rudolf; and Giachetti, Antonio, 4,550,107, Cl. 514-220.000.
- Hammerle AG Maschinenfabrik: *See—*
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- Hammerquist, Eric M.: *See—*
  - Hernandez, E. Norman; and Hammerquist, Eric M., 4,492,918, Cl. 324-83.00R.

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Hammersand, Fred G.; and Witkowski, Anthony J., to United States of America, Energy. Method for brazing together planar and nonplanar metal members. 4,506,822, 3-26-85, Cl. 228-200.000.

Hammerschmidt, Horst E.: *See—*

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Hammerschmidt, Johann: *See—*

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Hammerschmidt, Peter; and Crass, Gunther, to Hoechst Aktiengesellschaft. Adhesive tape. 4,525,416, 6-25-85, Cl. 428-220.000.

Hammerschmidt, Winrich B.: *See—*

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Hammershaimb, Harold U.: *See—*

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Lomas, David A.; and Hammershaimb, Harold U., 4,541,923, Cl. 208-164.000.

Hammerslag, Julius G. Method for repairing stenotic vessels. 4,560,374, 12-24-85, Cl. 604-49.000.

Hammill, S. Scott, to SL Industries, Inc. Universal outlet. 4,500,152, 2-19-85, Cl. 339-61.00M.

Hammock, Bruce D.; and Ota, Kenji, to University of California, The Regents of the. Monitoring preneoplastic antigen. 4,558.004, 12-10-85, Cl. 435-4.000.

Hammock, Bruce D.; and Mullin, Christopher A., to University of California, The Regents of the. Trifluoromethylketone sulfides and reversible enzyme inhibition therewith. 4,562,292, 12-31-85, Cl. 568-043.000.

Hammond, Charles W., to Babcock & Wilcox Company, The. Sootblower apparatus. 4,492,187, 1-8-85, Cl. 122-390.000.

Hammond, Charles W., to Babcock & Wilcox Company, The. Method and apparatus for removing deposits from highly heated surfaces. 4,503,811, 3-12-85, Cl. 122-392.000.

Hammond, Clifton E., to Snyder Industries, Inc. Container with hinged lid. 4,558,799, 12-17-85, Cl. 220-343.000.

Hammond, Geoffrey R., to Reckitt & Colman Products Limited. Applicator with resilient valve. 4,555,194, 11-26-85, Cl. 401-206.000.

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Hammond, James M.: *See—*

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Hammond, Leslie A.; and Freeman, Norman H., to Australian Dairy Corporation. Manufacture of cheddar and like cheese. 4,510,856, 4-16-85, Cl. 99-457.000.

Hammond, Michael D. Ice breaker and scraper. 4,546,513, 10-15-85, Cl. 15-105.000.

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Thompson, Kathryn L.; Zambias, Robert A.; Hammond, Milton L.; and Chang, Michael N., 4,558,067, Cl. 514-458.000.

Hammond, Stephen A., to FMC Corporation. Chordal action isolation wheel assembly. 4,506,934, 3-26-85, Cl. 305-57.000.

Hammond, Steve A. Suntan booth. 4,508,120, 4-2-85, Cl. 128-372.000.

Hammond, Thomas J.; and Lama, William L., to Xerox Corporation. Flash lamp power supply with reduced capacitance requirements. 4,524,289, 6-18-85, Cl. 307-110.000.

Hammond, Thomas J.; Lama, William L.; Northrup, Karl A.; and Corona, Stephen C., to Xerox Corporation. Mechanism and method for controlling the temperature and output of a fluorescent lamp. 4,533,853, 8-6-85, Cl. 315-117.000.

Hammond, Thomas J.: *See—*

Northrup, Karl A.; and Hammond, Thomas J., 4,529,912, Cl. 315-117.000.

Hamner, Glen P., to Exxon Research & Engineering Co. Production of jet and diesel fuels. 4,501,653, 2-26-85, Cl. 208-89.000.

Hamner, James R., to Budd Company, The. In-mold coating part ejection system. 4,515,543, 5-7-85, Cl. 425-112.000.

Hamon, Christian: *See—*

Denise, Bernard; Hamon, Christian; Senes, Michel; and Sneeden, Raymond, 4,500,646, Cl. 502-78.000.

Hamparian, Nshan, to General Motors Corporation. Spring damper with controlled wear area. 4,509,473, 4-9-85, Cl. 123-188.0SC.

Hampel, Hans-Joachim; Scondo, Ludwig; Stahl, Jurgen; Wegner, Wilhelm; and Bonne, Harry, to Jacobs Beverage Systems AG. Disposable container for liquids and apparatus for dispensing liquid from such container. 4,520,948, 6-4-85, Cl. 222-103.000.

Hampel, Herbert J.; and Willers, Arthur G., to Northern Telecom Limited. Electronic instrument with stand doubling as console cover. 4,515,419, 5-7-85, Cl. 312-7.100.

Hampel, Lawrence E.; and Freese, Edward O., to Moline Corporation. Slide adjustment member for a vehicle towbar. 4,516,790, 5-14-85, Cl. 280-502.000.

Hamprecht, Gerhard; Varwig, Juergen; and Rohr, Wolfgang, to BASF Aktiengesellschaft. Preparation of fluorophthalic anhydrides. 4,514,572, 4-30-85, Cl. 549-246.000.

Hamprecht, Gerhard, to BASF Aktiengesellschaft. N-alkoxycarbonyl- and N-alkoxythiocarbonyl-amidines and their preparation. 4,522,763, 6-11-85, Cl. 260-455.00A.

Hamprecht, Gerhard; Varwig, Juergen; and Wuerzer, Bruno, to BASF Aktiengesellschaft. 4H-3,1-benzoxazine derivatives, compositions and herbicidal use. 4,523,942, 6-18-85, Cl. 71-88.000.

Hamprecht, Gerhard: *See—*

Husslein, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,515,623, Cl. 71-12.000.

Husslein, Gerd; Hamprecht, Gerhard; Koenig, Karl-Heinz; Boehm, Walter; and Gaeng, Manfred, 4,515,985, Cl. 562-472.000.

Parg, Adolf; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,512,797, Cl. 71-93.000.

Parg, Adolf; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,523,034, Cl. 564-79.000.

Parg, Adolf; Wuerzer, Bruno; and Hamprecht, Gerhard, 4,523,946, Cl. 71-092.000.

Stubenrauch, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Pommer, Ernst-Heinrich, 4,496,738, Cl. 548-262.000.

Varwig, Jurgen; Hamprecht, Gerhard; and Rohr, Wolfgang, 4,562,254, Cl. 544-92.000.

Hamprecht, Rainer: *See—*

Bergthaller, Peter; Stolzenburg, Rudolf; Marx, Paul; and Hamprecht, Rainer, 4,524,124, Cl. 430-241.000.

Hampshire, James F.; and Wilkinson, Beverly L., to Rubbermaid Commercial Products Inc. Adjustable foot support. 4,549,767, 10-29-85, Cl. 297-439.000.

Hampson, Alfred A.; Hutchins, Thomas B., deceased; and by Hutchins, Nancy K., executrix. Container end-code redemption scanning. 4,493,989, 1-15-85, Cl. 235-464.000.

Hampson, Alfred A., to Can and Bottle Systems, Inc. Container redemption method and apparatus. 4,558,212, 12-10-85, Cl. 235-383.000.

Hampson Enterprises, Inc.: *See—*

Hampson, Herbert, 4,534.083, Cl. 15-321.000.

Hampson, Herbert, to Hampson Enterprises, Inc. Control valve assembly. 4,534,083, 8-13-85, Cl. 15-321.000.

Hampson, Jack T., to J & P Coats, Limited. Loop hold-down device for use in conjunction with a knitting machine. 4,516,411, 5-14-85, Cl. 66-64.000.

Hampton, Ernestine. Mechanical egg breaker and separator. 4,554,866, 11-26-85, Cl. 99-499.000.

Hampton, James E., to Sedco, Inc. Installation and levelling of subsea templates. 4,537,533, 8-27-85, Cl. 405-227.000.

Hampton, James K.: *See—*

Bednar, Richard D.; and Hampton, James K., 4,543,850, Cl. 74-512.000.

Hampton, Joe B., to Phillips Petroleum Company. Control of the concentration of methylacetylene and propadiene in a propylene/-propane fractionation column. 4,540,422, 9-10-85, Cl. 62-21.000.

Hampton, Steve: *See—*

Andrus, Robert E.; and Hampton, Steve, 4,555,297, Cl. 156-461.000.

Hampton, Willie E. Method and apparatus for tufting multiple yarns to produce a differently colored pattern. 4,531,465, 7-30-85, Cl. 112-79.00A.

Hamra, Victor W.: *See—*

Cronin, Michael J.; and Hamra, Victor W., 4,526,432, Cl. 339-75.00M.

Hamrick, Glen F.: *See—*

Walker, Paul; Hamrick, Glen F.; and Sosebee, B. Lamar, 4,515,646, Cl. 156-78.000.

Hams, Kenneth A., to Bell & Howell Company. Method and apparatus for preventing insertion errors. 4,533,133, 8-6-85, Cl. 271-9.000.

Hamsher, Wilbur A., Jr.; and Stahl, Daniel E., to AMP Incorporated. Electrical panelboard connector. 4,491,381, 1-1-85, Cl. 339-107.000.

Hamsher, Wilbur A., Jr., to AMP Incorporated. Electrical panelboard connector. 4,556,275, 12-3-85, Cl. 339-218.00M.

Hamster, Helmut; and Koppl, Franz, to Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH. Device for treating gases at high temperatures. 4,536,642, 8-20-85, Cl. 219-374.000.

Hamstra, James R.; and Swenson, Robert E., to Sperry Corporation. Processor-addressable timestamp for indicating oldest written-to cache entry not copied back to bulk memory. 4,530,054, 7-16-85, Cl. 364-200.000.

Hamstra, James R.; and Hanson, Merlin L., to Sperry Corporation. Hierarchical memory system with variable regulation and priority of writeback from cache memory to bulk memory. 4,530,055, 7-16-85, Cl. 364-200.000.

Hamstra, James R.; and Moulton, Robert K., to Sperry Corporation. Group coding system for serial data transmission. 4,530,088, 7-16-85, Cl. 370-110.100.

Hamura, Masayuki: *See—*

Nakashima, Seiichiro; Torii, Nobutoshi; and Hamura, Masayuki, 4,557,660, Cl. 414-730.000.

Hamy, Norbert; Nutt, Phillip; and Sheridan, Douglas, to Bata Shoe Company, Inc. Sports shoe. 4,559,723, 12-24-85, Cl. 36-102.000.

Han, David C. Fixing tool for square frame. 4,560,153, 12-24-85, Cl. 269-42.000.

Han, Doyoung, to Trane Company, The. Temperature conditioning system staging control and method. 4,501,125, 2-26-85, Cl. 62-175.000.

Han, Doyoung; and Hansen, William G., to American Standard Inc. Control and method for tempering supply air. 4,543,796, 10-1-85, Cl. 62-160.000.

Han, Wesley W.; and Roehrs, Robert E., to Alcon Laboratories, Inc. Nonirritating aqueous ophthalmic compositions comfort formulation for ocular therapeutic agents. 4,559,343, 12-17-85, Cl. 514-264.000.

Hana, Thomas C.: *See—*
Henrich, Kenneth J.; and Hana, Thomas C., 4,511,852, Cl. 330-252.000.

Hanabata, Toshio: *See—*
Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, 4,542,406, Cl. 358-141.000.

Hanada, Kazunori: *See—*
Tamai, Masaharu; Adachi, Takashi; Oguma, Kiyoshi; Hanada, Kazunori; Omura, Sadafumi; and Katunuma, Nobuhiko, 4,507,232, Cl. 260-112.50R.

Hanada, Masayuki: *See—*
Nozue, Ikutoshi; Fujii, Susumu; and Hanada, Masayuki, 4,511,668, Cl. 502-84.000.

Hanada, Minoru; Tsunakawa, Mitsuaki; Tomita, Koji; Tsukiura, Hiroshi; and Kawaguchi, Hiroshi, to Bristol-Myers Company. Antibiotics produced by fermentation of a novel strain of *Streptomyces hygroscopicus* . 4,504,580, 3-12-85, Cl. 435-74.000.

Hanada, Tsuneo: *See—*
Mine, Katsutoshi; Suzuki, Toshio; and Hanada, Tsuneo, 4,517,238, Cl. 428-212.000.

Hanafin, Joseph W., to Dow Chemical Company, The. 2,3-epoxy carbamates. 4,501,874, 2-26-85, Cl. 528-103.000.

Hanafin, Joseph W.: *See—*
Doorakian, George A.; and Hanafin, Joseph W., 4,540,823, Cl. 568-10.000.

Hanafusa, Saburo: *See—*
Yamada, Shinji; and Hanafusa, Saburo, 4,505,987, Cl. 428-553.000.

Hanahan, Donald J.; and Pinckard, R. Neal, to Board of Regents, The University of Texas System. Synthetic phosphoglycerides possessing platelet activating properties. 4,504,474, 3-12-85, Cl. 514-78.000.

Hanahan, Donald J.; and Pinckard, R. Neal, to Board of Regents, The University of Texas System. Use of synthetic phosphoglycerides possessing platelet activating properties as desensitizing agents. 4,551,446, 11-5-85, Cl. 514-77.000.

Hanajima, Mitsuru; Yamamoto, Yoshinori; and Matsumoto, Yasushi, to Sony Corporation. Control arrangement for electronic appliance. 4,503,471, 3-5-85, Cl. 360-69.000.

Hanak, Joseph J., to Energy Conversion Devices, Inc. Large area photovoltaic cell and method for producing same. 4,514,579, 4-30-85, Cl. 136-249.000.

Hanak, Joseph J., to RCA Corporation. Method of controlling the deposition of hydrogenated amorphous silicon and apparatus therefor. 4,525,375, 6-25-85, Cl. 427-8.000.

Hanak, Joseph J.; Nath, Prem; Izu, Masatsugu; and Young, James, to Energy Conversion Devices, Inc. Method of fabricating an electroplated substrate. 4,530,739, 7-23-85, Cl. 204-4.000.

Hanak, Joseph J.; and Nostrand, Gerald E., to RCA Corporation. Series-connected photovoltaic array and method of making same. 4,532,371, 7-30-85, Cl. 136-249.000.

Hanak, Joseph J., to RCA Corporation. Amorphous silicon cell array powered solar tracking apparatus. 4,556,788, 12-3-85, Cl. 250-203.00R.

Hanamitsu, Kiyoshi: *See—*
Shima, Katsuhito; and Hanamitsu, Kiyoshi, 4,532,631, Cl. 372-48.000.

Hanamoto, Hiroyuki; and Horie, Yoshihiro, to Minolta Camera Kabushiki Kaisha. Timing control system for determining abnormal motor operation. 4,500,957, 2-19-85, Cl. 364-200.000.

Hanamoto, Keiji; and Takagi, Fumio, to Dai Nippon Insatsu Kabushiki Kaisha. Device for injection molding articles while simultaneously forming patterns thereon. 4,545,752, 10-8-85, Cl. 425-112.000.

Hanamura, Yoshihiko: *See—*
Suzuki, Toru; Sano, Eiichi; and Hanamura, Yoshihiko, 4,526,450, Cl. 351-206.000.

Hanano Commercial Co., Ltd.: *See—*
Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, 4,532,055, Cl. 252-28.000.

Hanaoka, Masanori, to Toyota Jidosha Kabushiki Kaisha. Tamperproof clamping construction with block wedged in slot. 4,561,796, 12-31-85, Cl. 403-4.000.

Hanaoka, Masanori: *See—*
Ozaki, Tadashi; Hattori, Tadashi; Miura, Kazuhiko; Hanaoka, Masanori; and Hashiguchi, Yukihide, 4,492,109, Cl. 73-35.000.

Hanaoka, Naohiro, to Olympus Optical Co., Ltd. Magnetic recording medium and method for manufacturing the same. 4,555,444, 11-26-85, Cl. 428-336.000.

Hanaoka, Tadashi; and Umezu, Hiroaki, to Misawa Homes Co., Ltd. Heat utilizing system using internal combustion engine. 4,517,799, 5-21-85, Cl. 62-323.100.

Hanaoka, Yuzuru; Murayama, Takeshi; Muramoto, Setsuo; and Matsuura, Tamizo, to Kokogawa Hokushin Electric Corporation. Apparatus for analysis of anions. 4,533,518, 8-6-85, Cl. 422-70.000.

Hanari, Tohru: *See—*
Sato, Akihiro; Kikuta, Kazutsune; Matsuda, Kenji; Uwai, Toshihiro; and Hanari, Tohru, 4,514,513, Cl. 502-112.000.

Hanau, Fernand. Bacon slicing machine. 4,534,548, 8-13-85, Cl. 270-58.000.

Hanawaka, Masuo: *See—*
Fukai, Yoshio; Yamamoto, Masato; and Hanawaka, Masuo, 4,542,452, Cl. 364-141.000.

Hanayama, Naoki; Kaku, Eisaburo; and Kinishi, Ryoichi, to Yoshitomi Pharmaceutical Industries, Ltd. Thermoresponsive recording sheet. 4,558,335, 12-10-85, Cl. 346-209.000.

Hance, Richard O.; and Hansen, Gerald M. Rapid fire attachment for semi-automatic firearms. 4,532,852, 8-6-85, Cl. 89-136.000.

Hance, William G.: *See—*
Cohen, Albert E.; Hance, William G.; Moir, Ian; Lane, Thao; and Caussarieu, Frederic, 4,525,830, Cl. 370-60.000.

Hanck, Alfred; and Pauling, Horst, to Hoffmann-La Roche Inc. Panthenol derivatives. 4,514,338, 4-30-85, Cl. 260-429.900.

Hancock, Curtis L.: *See—*
Morris, James A.; Hancock, Curtis L.; and Wiley, John L., 4,532,642, Cl. 377-15.000.

Hancock, Drew S.: *See—*
Barner, Gregory P.; and Hancock, Drew S., 4,517,623, Cl. 361-358.000.

Hancock, Harvey G.; and Szymanski, Michael E., to AT&T Technologies, Inc. Cable stub assembly and methods of making. 4,503,283, 3-5-85, Cl. 174-22.00R.

Hancock, Henry. Fire retardant polyolefin fibers and fabrics. 4,532,278, 7-30-85, Cl. 524-101.000.

Hancock, Herbert W.: *See—*
Brockwell, Ian P.; and Hancock, Herbert W., 4,539,902, Cl. 99-454.000.

Hancock, John C., to Robert Morton DG Limited. Lauter tuns. 4,542,682, 9-24-85, Cl. 99-277.100.

Hancock, Kendal, to Texas Recreation Corporation. Apparatus for making water skis. 4,556,375, 12-3-85, Cl. 425-127.000.

Hancock, Robert D.: *See—*
Pettingell, James T., 4,500,031, Cl. 228-179.000.

Hancor, Inc.: *See—*
Fouss, James L.; Parker, John J.; Child, James L., Jr.; and Sting, Donald W., 4,523,613, Cl. 138-121.000.
Rosenbaum, Larry A., 4,509,911, Cl. 425-532.000.
Rosenbaum, Larry A.; and Sidaway, H. John, 4,527,319, Cl. 29-33.00T.

Hancy, Raymond E. Pounce pad. 4,557,620, 12-10-85, Cl. 401-200.000.

Hand, James D. Transition pipe fitting. 4,519,634, 5-28-85, Cl. 285-55.000.

Hand, Jerry L.: *See—*
Vogel, Jerald M.; Hooper, Steven J.; and Hand, Jerry L., 4,497,078, Cl. 5-118.000.

Hand, Patricia H.: *See—*
Schlom, Jeffery; Colcher, David; Nuti, Marianna; Hand, Patricia H.; and Austin, Faye, 4,522,918, Cl. 435-68.000.

Hand Widmaier Fabrik Fur Apparate Der Fernmelde-und Feinwerktechnik: *See—*
Schmid, Theobald; Widmaier, Horst; and Wolf, Friedrich, 4,531,033, Cl. 200-314.000.

Handa, Kenichi: *See—*
Nakahama, Ryoji; and Handa, Kenichi, 4,545,769, Cl. 440-61.000.

Handa, Ryoji; Hosoda, Jun; and Yoshida, Norimasa, to Nitto Kagaku Kabushiki Kaisha; Mitsubishi Rayon Co., Ltd.; and Diafloc Co., Ltd. Process for producing partially hydrolyzed acrylamide polymer. 4,535,131, 8-13-85, Cl. 525-369.000.

Handa, Shizuo: *See—*
Murayama, Fumiaki; and Handa, Shizuo, 4,497,303, Cl. 123-501.000.

Handa, Tadahiko: *See—*
Wakui, Tadahiro; and Handa, Tadahiko, 4,555,526, Cl. 518-717.000.

Handa, Takashi; and Okayama, Yoshiaki, to Nohmi Bosai Kogyo Co. Ltd. Carbon monoxide sensing element and method of making same. 4,543,273, 9-24-85, Cl. 427-126.300.

Handel, Manfred: *See—*
Sonneborn, Siegfried; Handel, Manfred; and Mack, Ernst, 4,543,753, Cl. 52-15.000.

Handels, Johannes W. H.: *See—*
Polderman, Arie; Handels, Johannes W. H.; and Kuit, Johannes H., 4,528,257, Cl. 430-109.000.

Handelsbolaget Eminent, Sven Hultman & Co.: *See—*
Nicolin, Curt, 4,504,179, Cl. 409-234.000.

Handforth, Martin R.: *See—*
Rosenbaum, Stanley D.; and Handforth, Martin R., 4,514,595, Cl. 179-16.00F.

Handi-Pac, Inc.: *See—*
Klawitter, Ronald R., 4,494,820, Cl. 350-4.100.
Klawitter, Ronald R., 4,504,072, Cl. 280-11.310.
Klawitter, Ronald R., 4,507,097, Cl. 446-236.000.
Klawitter, Ronald R., 4,536,164, Cl. 446-143.000.
Klawitter, Ronald R., 4,550,503, Cl. 33-18.00R.

Handicart Limited: *See—*
Millington, Michael J., 4,555,124, Cl. 280-289.0WC.

Handleman, Avrom R., to Semi-Bulk Systems, Inc. Apparatus for pumping fluent solid material. 4,521,165, 6-4-85, Cl. 417-393.000.

Handler, Anthony. Device for holding sheets provided with perforations. 4,531,854, 7-30-85, Cl. 402-27.000.

Handler, Michael: *See—*
Lichstein, Bernard; and Handler, Michael, 4,536,178, Cl. 604-15.000.

Handley, Edward F.: *See—*
Caron, LaVerne A.; and Handley, Edward F., 4,530,321, Cl. 123-179.00H.

Handley, Kirk H., to Ampex Corporation. System and method for synchronization of rotary head magnetic recording/reproducing devices. 4,525,754, 6-25-85, Cl. 360-51.000.

Handling Systems, Inc.: *See—*
Volakakis, John G.; McNelis, Robert L.; and Wallentin, Burt H., 4,511,048, Cl. 212-253.000.

Handotai Kenkyu Shinkokai: *See—*
- Nishizawa, Jun-ichi; Ohmi, Tadahiro; and Morishita, Masakazu, 4,534,033, Cl. 372-50.000.
- Nishizawa, Jun-ichi; and Ohmi, Tadahiro, 4,558,660, Cl. 118-725.000.

Hands, David: *See—*
- Cox, Robert W.; Jones, Derek A.; Walker, David L.; and Hands, David, 4,553,930, Cl. 432-120.000.

Handt, Alan E. Spike exchanger for continuous ambulatory peritoneal dialysis. 4,557,727, 12-10-85, Cl. 604-80.000.

Handte, Reinhard: *See—*
- Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, 4,531,969, Cl. 71-108.000.

Handtmann, Dieter: *See—*
- Abt, Jurgen; Handtmann, Dieter; Schwartz, Reinhard; and Wocher, Bertold, 4,546,648, Cl. 73-119.00A.

Handy, Barry L. Wing section rod weeder with mating coupling components. 4,557,335, 12-10-85, Cl. 172-44.000.

Handy, Christopher C., Jr.; and Lorimer, D'Arcy H., to AT&T Technologies, Inc. Method of regenerating acetate in a metal removal process. 4,508,688, 4-2-85, Cl. 423-92.000.

Handy, Richard L.; and Murray, James A., to Iowa State University Research Foundation, Inc. Method for controlling moisture-expansive clay supporting building foundations. 4,508,472, 4-2-85, Cl. 405-229.000.

Handy, Richard L.; and Lutenegger, Alan J., to Iowa State University Research Foundation, Inc. Tapered blade in situ soil testing device. 4,543,820, 10-1-85, Cl. 73-84.000.

Handy, Richard L.: *See—*
- Pabst, Mark W.; and Handy, Richard L., 4,524,626, Cl. 73-784.000.
- Pitt, John M.; Handy, Richard L.; and Lamb, Robert O., 4,494,694, Cl. 238-2.000.

Handzel, James M. Swimming pool water circulation system. 4,503,573, 3-12-85, Cl. 4-507.000.

Hane, Toshioki: *See—*
- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,510,328, Cl. 568-32.000.
- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,511,518, Cl. 260-543.00F.
- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,536,352, Cl. 260-543.00F.
- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,555,369, Cl. 260-544.00F.

Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, to Furukawa Electric Co., Ltd., The. Water impervious heat shrinkable tube. 4,559,973, 12-24-85, Cl. 138-138.000.

Hanebrink, Daniel E.: *See—*
- Cornwall, Harry J.; and Hanebrink, Daniel E., 4,522,425, Cl. 280-656.000.

Haneda, Hideo; and Yamanaka, Minoru, to Aisin Seiki Kabushiki Kaisha. Solenoid device. 4,494,098, 1-15-85, Cl. 335-230.000.

Haneda, Hideo; and Yamanaka, Minoru, to Aisin Seiki Kabushiki Kaisha. Solenoid assembly. 4,558,293, 12-10-85, Cl. 335-255.000.

Haneda, Isamu, to Sharp Kabushiki Kaisha. Electronic apparatus with a display and printer. 4,498,144, 2-5-85, Cl. 364-900.000.

Haneda, Isamu; and Myooi, Tetsuo, to Sharp Kabushiki Kaisha. Calculation system utilizing definable keys. 4,507,743, 3-26-85, Cl. 364-709.000.

Haneda, Isamu; and Myooi, Tetsuo, to Sharp Kabushiki Kaisha. Programmable calculator. 4,554,641, 11-19-85, Cl. 364-710.000.

Haneda, Isamu: *See—*
- Morino, Masuaki; Fujikawa, Yoshiyuki; Haneda, Isamu; and Myoi, Tetsuo, 4,531,194, Cl. 364-705.000.

Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, to Knoishiroku Photo Industry Co. Ltd. Device for developing electrostatic latent images. 4,492,456, 1-8-85, Cl. 355-3.0DD.

Haneda, Satoshi; Itaya, Masahiko; and Tomono, Makoto, to Konishiroku Photo Industry Co., Ltd. Developing method. 4,499,169, 2-12-85, Cl. 430-102.000.

Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, to Konishiroku Photo Industry Co., Ltd. Extraction developing method for electrostatic latent images. 4,500,616, 2-19-85, Cl. 430-45.000.

Haneda, Satoshi; and Hiratsuka, Seiichiro, to Konishiroku Photo Industry Co., Ltd. Developing method. 4,557,992, 12-10-85, Cl. 430-122.000.

Haneda, Satoshi: *See—*
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,491,083, Cl. 118-657.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,525,056, Cl. 355-3.0DD.
- Itaya, Masahiko; Haneda, Satoshi; Tarumi, Noriyoshi; and Tomono, Makoto, 4,530,595, Cl. 355-15.000.
- Itaya, Masahiko; and Haneda, Satoshi, 4,530,597, Cl. 355-15.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,553,500, Cl. 118-657.000.

Haneishi, Tatsuo; Okazaki, Takao; Torikata, Akio; Nakajima, Mutsuo; Enokita, Ryuzou; Katayama, Toshiaki; and Iwado, Seigo, to Sankyo Company Limited. Antibiotic called "chloropolysporin", a process for its preparation, and its therapeutic and veterinary use. 4,557,933, 12-10-85, Cl. 424-118.000.

Hanejko, Francis G., to Metal Alloys, Inc. Method of consolidating a metallic body. 4,499,048, 2-12-85, Cl. 419-49.000.

Hanejko, Francis G., to Metal Alloys, Inc. Method of consolidating a metallic or ceramic body. 4,499,049, 2-12-85, Cl. 419-49.000.

Hanel, Harold L.: *See—*
- Benson, John; Hanel, Harold L.; and Freeman, Douglas A., 4,492,329, Cl. 227-10.000.

Hanel, Henry: *See—*
- Korppoo, Seppo; and Hanel, Henry, 4,549,626, Cl. 180-127.000.

Hanelt, Winand: *See—*
- Mady, Raschad; Hanelt, Winand; Morlock, Roland; Geruhn, Dieter; Leyhe, Lutz; Meyer zu Bexten, Jobst H.; and Ricke, Franz, 4,497,668, Cl. 148-6.15Z.

Hanemaayer, Jacobus N. Van layout. 4,550,946, 11-5-85, Cl. 296-156.000.

Hanes, Ronnie M., to National Distillers and Chemical Corporation. Palladium-ligand complex for use in catalyzing the reaction of a mixture of 1,3-butadiene, carbon monoxide and monoalkanol to provide alkyl nonadienoate ester. 4,491,546, 1-1-85, Cl. 260-429.00R.

Hanes, Ronnie M., to National Distillers and Chemical Corporation. Process for the preparation of alkyl nonadienoate esters. 4,536,340, 8-20-85, Cl. 260-410.90R.

Haney, Jerry D.: *See—*
- Simms, R. John; and Haney, Jerry D., 4,509,075, Cl. 358-106.000.

Haney, Keith M., to Walker-Neer Manufacturing Co., Inc. Platform positioning system. 4,492,501, 1-8-85, Cl. 414-22.000.

Haney, Keith M., to Walker-Neer Manufacturing Co., Inc. Automatic pipe elevator. 4,522,439, 6-11-85, Cl. 294-110.100.

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Haney, Steven J.; Stulen, Richard H.; and Toly, Norman F., to United States of America, Energy. Manipulator having thermally conductive rotary joint for transferring heat from a test specimen. 4,538,068, 8-27-85, Cl. 250-443.100.

Hangeisi, Suekiti: *See—*
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Hanger, Randolph T., to Boeing Company, The. Abrading tool. 4,493,170, 1-15-85, Cl. 51-330.000.

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Hani, Kiyoshi: *See—*
- Yamamoto, Sakuei; Nishida, Mitsuhiro; Inao, Hiroshi; Tashiro, Noboru; and Hani, Kiyoshi, 4,549,105, Cl. 310-87.000.

Hanifin, John W., Jr.: *See—*
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Haninger, Rudolf: *See—*
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Hanlon, Brian: *See—*
- Carey, Kevin J.; and Hanlon, Brian, 4,491,884, Cl. 360-75.000.

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Hann, Bruno: *See—*
- Gassner, Theo; Hann, Bruno; and Kindle, Edwin, 4,554,861, Cl. 91-446.000.

Hann, George W.: *See—*
- O'Connor, Michael C.; and Hann, George W., 4,535,904, Cl. 215-215.000.

Hann, Michael M.: *See—*
- McCullagh, Keith G.; Wadsworth, Harry J.; and Hann, Michael M., 4,511,504, Cl. 260-112.50R.

Hann, Paul D.: *See—*
- Casperson, John R.; and Hann, Paul D., 4,520,000, Cl. 423-456.000.
- Hutson, Tom, Jr.; and Hann, Paul D., 4,544,777, Cl. 568-697.000.

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Hanna, George D., to Continental Electronics Mfg. Co. Amplitude modulator forms two phase-shifted pulse trains and combines them. 4,540,957, 9-10-85, Cl. 332-10.000.

Hanna, Junichi: *See—*
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Hanna, Kenneth V. Convertible bed and pack frame. 4,538,750, 9-3-85, Cl. 224-156.000.

Hanna, Marie R.: *See—*
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- Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,500,448, Cl. 252-522.00R.
- Boden, Richard M.; Tyszkiewicz, Theodore J.; Licciardello, Michael; Vock, Manfred H.; Vinals, Joaquin F.; Whalen, Patrick; and Hanna, Marie R., 4,515,987, Cl. 568-433.000.
- Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,528,142, Cl. 260-463.000.
- Boden, Richard M.; Temes, Steven D.; Tyszkiewicz, Theodore J.; and Hanna, Marie R., 4,534,891, Cl. 252-522.00R.
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- Fujioka, Futoshi; Boden, Richard M.; Schreiber, William L.; Whelan, Patrick; and Hanna, Marie R., 4,519,943, Cl. 252-522.00R.
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- Sprecker, Mark A.; and Hanna, Marie R., 4,507,225, Cl. 252-522.00R.
- Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,524,020, Cl. 252-522.00R.
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- van Loveren, Augustinus G.; Sprecker, Mark A.; Whelan, Patrick; and Hanna, Marie R., 4,532,357, Cl. 568-327.000.
- Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,541,950, Cl. 252-522.00R.
- Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,559,168, Cl. 252-522.00A.
- Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,515,712, Cl. 252-522.00R.
- Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,522,765, Cl. 260-463.000.
- Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,525,364, Cl. 426-3.000.
- Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,536,299, Cl. 252-8.600.

Hanna, Terry J.: *See—*
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Hanna, Thomas B. Animal halter apparatus. 4,524,569, 6-25-85, Cl. 54-24.000.

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Hannappel, Gerald J. All terrain vehicle conversion system. 4,522,420, 6-11-85, Cl. 280-289.00A.

Hannebaum, Heinz: *See—*
- Degner, Dieter; Hannebaum, Heinz; Siegel, Hardo; and Gramlich, Walter, 4,539,081, Cl. 204-78.000.
- Laas, Harald; Tavs, Peter; Hannebaum, Heinz; and Stroezel, Manfred, 4,562,277, Cl. 556-34.000.

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Hannen, Ulrich: *See—*
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Hannerz, Kare, to AB Asea-Atom. Nuclear reactor plant. 4,526,742, 7-2-85, Cl. 376-282.000.

Hannes, Hellmut: *See—*
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Hannes Marker: *See—*
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Hannett, William J., to Carrier Corporation. Air conditioning system trouble reporter. 4,502,084, 2-26-85, Cl. 361-23.000.

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Hanoka, Jack I.; Yates, Douglas A.; and Gregory, James A., to Mobil Solar Energy Corporation. Method of fabricating solar cells. 4,557,037, 12-10-85, Cl. 29-576.00B.

Hanon, Etienne P.: *See—*
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Hanota Holdings SA: *See—*
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Hanover, Barry K.: *See—*
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Stephen, Robert L.; Kablitz, Carl; Hanover, Barry K.; Jacobsen, Stephen C.; and Harrow, Jeffrey J., 4,559,033, Cl. 604-49.000.

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Hanrahan, Thomas: *See—*
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Hans Grohe GmbH & Co. KG: *See—*
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Hans H. Meyer GmbH Maschinenbau: *See—*
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Schelling, Gilbert, 4,490,899, Cl. 29-410.000.

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Hans, Rudiger: *See—*
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Brandenstein, Manfred; Haas, Roland; Edelmann, Ludwig; and Hans, Rudiger, 4,516,962, Cl. 474-112.000.
Brandenstein, Manfred; Haas, Roland; Friedrich, Wolfgang; and Hans, Rudiger, 4,525,082, Cl. 384-138.000.
Brandenstein, Manfred; and Hans, Rudiger, 4,537,270, Cl. 180-70.100.
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Hans S. Singer Co., Inc.: *See—*
Singer, Hans S., 4,545,547, Cl. 242-131.000.
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Hans, Waldemar: *See—*
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Hanselmann, Daniel: *See—*
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Hansen Arne, to Interfit, Inc. Pipe connection fitting. 4,506,917, 3-26-85, Cl. 285-4.000.

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Hansen, Bertil V.; Kelfve, Sten S.; and Mollberg, Henri R., to AB Carbogel. Compositions comprising coal, water and polyelectrolyte. 4,536,187, 8-20-85, Cl. 44-51.000.

Hansen, Bjorn N., to International Standard Electric Corporation. Digital handsfree telephone. 4,560,840, 12-24-85. Cl. 179-81.00B.

Hansen, Charles C., Sr.: *See—*
Stoughton, Alan M.; Hansen, Charles C., Sr.; Leahy, John P.; and Millar, Robert F., 4,531,826, Cl. 355-14.0CU.

Hansen, Charles C., III. Valve-strainer housings and assemblies. 4,550,896, 11-5-85, Cl. 251-84.000.

Hansen, Charles W., to Haydon Switch & Instrument, Inc. Return-to-zero stepper motor. 4,501,981, 2-26-85, Cl. 310-49.00R.

Hansen, Clarence M.: *See—*
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Hansen, Craig C.: *See—*
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Hansen, Craig N., to Hansen Engine Corporation. Rotary valve assembly. 4,494,500, 1-22-85, Cl. 123-190.00E.

Hansen, Craig N., to Hansen Engine Corporation. Rotary device with elliptical rotor in elliptical chamber. 4,507,067, 3-26-85, Cl. 418-105.000.

Hansen, David G.: *See—*
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Hansen, David M., to Penn Engineering & Manufacturing Corp. Press having a leveraged linkage assembly mechanism. 4,555,928, 12-3-85, Cl. 72-451.000.

Hansen, David R.; and Korcz, William H., to Shell Oil Company. Hot melt butylene/ethylene adhesives. 4,554,304, 11-19-85, Cl. 524-291.000.

Hansen, Debra K.: *See—*
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Hansen, Elo H.; and Ruzicka, Jaromir, to Bifok AB. Stop-flow analysis. 4,504,443, 3-12-85, Cl. 422-81.000.

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Hansen, Erich: *See—*
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Hansen, Erik; and Lambach, Heinrich W., to Brdr. Schur International A/S. Method and an apparatus for closing packing bags for slaughtered poultry. 4,510,733, 4-16-85, Cl. 53-434.000.

Hansen, Flemming A.: *See—*
Henrichsen, Frank; Hansen, Flemming A.; and Sorensen, Kim, 4,538,988, Cl. 433-84.000.

Hansen, Floyd D.: *See—*
Corrigall, Don J.; Hansen, Floyd D.; and Kujawa, James R., 4,540,871, Cl. 219-137.630.

Hansen, Franklin A.: *See—*
Wilson, Bryce H.; and Hansen, Franklin A., 4,498,261, Cl. 52-1.000.

Hansen, Frede O. Wood joint cutter and method therefor. 4,505,086, 3-19-85, Cl. 52-593.000.

Hansen, Frits U.; and Jensen, Ove, to Kosan Teknova A/S. Regulator for mounting on the outlet connection of a gas cylinder or like container. 4,550,746, 11-5-85, Cl. 137-461.000.

Hansen, Gerald D., to Atlantic Richfield Company. Purification of secondary recovery waterflood liquids. 4,502,959, 3-5-85, Cl. 210-705.000.

Hansen, Gerald M.: *See—*

Hance, Richard O.; and Hansen, Gerald M., 4,532,852, Cl. 89-136.000.

Hansen, Gerhard. Tear-open closure for a container. 4,501,372, 2-26-85, Cl. 215-247.000.

Hansen, Gerhard. Plastic container. 4,529,095, 7-16-85, Cl. 215-31.000.

Hansen, Gerhard. Tamper evident container. 4,558,793, 12-17-85, Cl. 215-32.000.

Hansen, Glen D.: *See—*

Buschbom, Floyd E.; and Hansen, Glen D., 4,514,978, Cl. 60-426.000.

Buschbom, Floyd E.; and Hansen, Glen D., 4,553,664, Cl. 198-814.000.

Hansen, Guenter: *See—*

Armbrust, Herbert; Dix, Johannes P.; Hansen, Guenter; and Zeidler, Georg, 4,521,216, Cl. 8-639.000.

Bergmann, Udo; Hansen, Guenter; Lach, Dietrich; Thomas, Michael; and Zeidler, Georg, 4,491,543, Cl. 534-677.000.

Bergmann, Udo; Dix, Johannes P.; Hansen, Guenter; and Schefczik, Ernst, 4,496,480, Cl. 534-794.000.

Bergmann, Udo; Degen, Helmut; Hansen, Guenter; Krallmann, Reinhold; and Weber, Hans, 4,537,597, Cl. 8-639.000.

Bergmann, Udo; Hansen, Guenter; and Zeidler, Georg, 4,547,566, Cl. 534-684.000.

Hansen, Hans-Jurgen; and Pfoertner, Karlheinz, to Hoffmann-La Roche Inc. Photochemical preparation of previtamin D. 4,551,214, 11-5-85, Cl. 204-159.000.

Hansen, Hans-Jurgen; and Schmid, Rudolf, to Hoffmann-La Roche Inc. Phosphorus compounds. 4,556,740, 12-3-85, Cl. 568-13.000.

Hansen, Helge, to Thermoform A/S. Double-glazed window for insertion in openings in walls or doors of a sandwich-type construction. 4,525,961, 7-2-85, Cl. 52-208.000.

Hansen, Helge; Nystrom, Borje; and Torneng, Eyvin, to Nordtend A/S. Method and means for repelling animals. 4,534,976, 8-13-85, Cl. 514-169.000.

Hansen, Henning; and Schneider, Helmut, to Dr. Karl F. Nagele Feinmaschinenbau GmbH & Co. Method of and apparatus for mounting separable slide fastener connectors. 4,551,900, 11-12-85, Cl. 29-408.000.

Hansen, Herbert: *See—*

Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.

Hansen, Herbert N. W. High efficiency internal combustion steam engine. 4,509,464, 4-9-85, Cl. 123-1.00A.

Hansen, Jan M.: *See—*

Iannicelli, Joseph; Caspersen, Leif; Hansen, Jan M.; and Pedersen, Sven, 4,552,734, Cl. 423-230.000.

Iannicelli, Joseph; Caspersen, Leif D.; Hansen, Jan M.; and Moller, Jens C. T., 4,552,735, Cl. 423-224.000.

Hansen, John C.; and Johnson, Lloyd A., to Borg-Warner Corporation. Programmable maintenance timer system. 4,539,632, 9-3-85, Cl. 364-143.000.

Hansen, John M. Kit for making an animal maze. 4,542,713, 9-24-85, Cl. 119-1.000.

Hansen, Jorgen, to Elmwood Sensors Limited. Engine temperature sensor. 4,526,481, 7-2-85, Cl. 374-144.000.

Hansen, Kenneth A.; and Kurtzman, Gary A., to Motorola, Inc. Multiplexed buffer. 4,562,405, 12-31-85, Cl. 330-51.000.

Hansen, Kenneth N., to Allis-Chalmers Corporation. Clutch pedal operating through a fore and aft shaft in a fire wall of a vehicle. 4,497,217, 2-5-85, Cl. 74-512.000.

Hansen, Kenneth N., to Allis-Chalmers Corporation. Range shift and park lock control. 4,513,847, 4-30-85, Cl. 192-4.00A.

Hansen, Kenneth P., to United Technologies Corporation. Fuel control. 4,493,187, 1-15-85, Cl. 60-39.281.

Hansen, Lee D.: *See—*

Nordmeyer, Francis R.; and Hansen, Lee D., 4,491,011, Cl. 73-61.10C.

Hansen, Leif J.: *See—*

Hunt, Arlon J.; Hansen, Leif J.; and Evans, David B., 4,499,893, Cl. 126-449.000.

Hansen, Loren F.; and Hicks, John E., to Outboard Marine Corporation. Rear discharge multi-blade rotary mower. 4,502,271, 3-5-85, Cl. 56-320.100.

Hansen, Loren F., to Outboard Marine Corporation. Drive coupling assembly. 4,526,555, 7-2-85, Cl. 464-149.000.

Hansen, Loren F., to Outboard Marine Corporation. Self-propelled aerating device. 4,550,783, 11-5-85, Cl. 172-21.000.

Hansen, Michael S. Roller reamer/stabilizer. 4,508,184, 4-2-85, Cl. 175-346.000.

Hansen, Nestor P.: *See—*

Tortorello, Anthony J.; Hansen, Nestor P.; and Jarocki, Kathryn M., 4,533,682, Cl. 523-414.000.

Hansen, Paul E.; and Marquardt, Susan K., to Minnesota Mining and Manufacturing Company. Inelastic, heat-elasticizable sheet material. 4,552,795, 11-12-85, Cl. 428-110.000.

Hansen, Peder M. Transmitting adaptive array antenna. 4,492,962, 1-8-85, Cl. 343-369.000.

Hansen, Per K., to Position Orientation Systems, Ltd. Ultrasonic position detecting system. 4,506,354, 3-19-85, Cl. 367-101.000.

Hansen, Quinten A. Clutch control for a rotation and reciprocation transmission. 4,549,639, 10-29-85, Cl. 192-48.910.

Hansen, Ralph H., to Canusa Coating Systems Limited. Hindered phenolic norbornane-2,3-dicarboximides and stabilized compositions. 4,514,533, 4-30-85, Cl. 524-89.000.

Hansen, Ralph H., to Canusa Coating Systems Limited. Chemical compounds and use. 4,520,146, 5-28-85, Cl. 524-94.000.

Hansen, Robert S. Holding device for pencils and the like. 4,494,660, 1-22-85, Cl. 211-69.100.

Hansen, Siegfried; Grinberg, Jan; and Etchells, Robert D., to Hughes Aircraft Company. Segregator functional plane for use in a modular array processor. 4,498,134, 2-5-85, Cl. 364-200.000.

Hansen, Siegfried, to Hughes Aircraft Company. Two axis drive for stage. 4,528,490, 7-9-85, Cl. 318-560.000.

Hansen, Siegfried, to Hughes Aircraft Company. Data Exchange Subsystem for use in a modular array processor. 4,543,642, 9-24-85, Cl. 364-900.000.

Hansen, Siegfried: *See—*

Grinberg, Jan; Etchells, Robert D.; Nudd, Graham R.; and Hansen, Siegfried, 4,507,726, Cl. 364-200.000.

Grinberg, Jan; and Hansen, Siegfried, 4,524,428, Cl. 364-900.000.

Hansen, Steven D. Secured sampling facility. 4,491,232, 1-1-85, Cl. 220-18.000.

Hansen, Svend: *See—*

Klausen, Jorn H.; Rasmussen, Laurits B.; and Hansen, Svend, 4,529,166, Cl. 251-141.000.

Hansen, Thomas A.: *See—*

Galie, John R.; Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,541,168, Cl. 29-579.000.

Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,534,826, Cl. 156-643.000.

Goth, George R.; Hansen, Thomas A.; and Makris, James S., 4,549,927, Cl. 156-643.000.

Hansen, Thomas C. Electronically controlled coil assembly. 4,509,109, 4-2-85, Cl. 363-126.000.

Hansen, Thomas C. Electronically controlled motor assembly. 4,528,484, 7-9-85, Cl. 318-135.000.

Hansen, Wayne W., to Sundstrand Corporation. Rotor cooling in rotary electric machines. 4,513,218, 4-23-85, Cl. 310-270.000.

Hansen, Willi: *See—*

Berstein, Garri; Hansen, Willi; and Winkens, Rudolf, 4,539,831, Cl. 72-110.000.

Hansen, William D.; and Mix, Raymond F., to ITT Corporation. Chip carrier test adapter. 4,541,676, 9-17-85, Cl. 339-17.0CF.

Hansen, William G.: *See—*

Han, Doyoung; and Hansen, William G., 4,543,796, Cl. 62-160.000.

Hanslik, Wilhelm, to American Maplan Corporation. Apparatus for testing plastic compositions. 4,541,270, 9-17-85, Cl. 73-56.000.

Hansmann, Johann; and Fawcett, Frederick, to Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. Mobile track position correction machine. 4,497,256, 2-5-85, Cl. 104-11.000.

Hansmann, Johann; and Fawcett, Frederick, to Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. Track leveling method. 4,528,912, 7-16-85, Cl. 104-7.00R.

Hansmann, Johann: *See—*

Theurer, Josef; and Hansmann, Johann, 4,490,947, Cl. 51-178.000.

Hanson, Bernard M.: *See—*

Boudreaux, Harry J.; Card, David C.; and Hanson, Bernard M., 4,509,600, Cl. 166-381.000.

Hanson, Bruce L.: *See—*

Wolvek, Sidney; Hanson, Bruce L.; and Lucas, John J., 4,531,512, Cl. 128-1.00D.

Hanson, Charles B.; and Harrison, Colin R., to Imperial Chemical Industries PLC. Production of catalysts. 4,496,663, 1-29-85, Cl. 502-209.000.

Hanson, Charles B., to J. I. Case Company. Multi-surface stabilizer pad assembly. 4,546,996, 10-15-85, Cl. 280-764.100.

Hanson, Clarence A., to Hanson, Richard A. Leader holder with elastic element. 4,514,928, 5-7-85, Cl. 43-57.200.

Hanson, Colin J. Moisture analyzer. 4,560,923, 12-24-85, Cl. 324-61.0QL.

Hanson, David E., to Sargent-Welch Scientific Company. Gerotor vacuum pump. 4,519,755, 5-28-85, Cl. 418-9.000.

Hanson, David G.; and Francis, Robert E., to Sperry Corporation. Synthetic persistence for raster scan displays. 4,504,827, 3-12-85, Cl. 340-723.000.

Hanson, David G.: *See—*

Prohofsky, LeRoy A.; and Hanson, David G., 4,546,349, Cl. 340-731.000.

Hanson, David K. Power tool drive attachment. 4,518,371, 5-21-85, Cl. 474-114.000.

Hanson, Derald F.: *See—*

Sherman, Randy J.; and Hanson, Derald F., 4,509,819, Cl. 350-6.700.

Sherman, Randy J.; and Hanson, Derald F., 4,537,465, Cl. 350-68.000.

Hanson, Donald L.: *See—*

Amdahl, Gene M.; Hanson, Donald L.; Kreuzenstein, Ronald K.; Roshon-Larsen, Gwynne L.; and Woffinden, Gary A., 4,551,797, Cl. 364-200.000.

Hanson, Eric A.; and Jachimowicz, Felek, to W. R. Grace & Co. Retention and drainage aid. 4,513,122, 4-23-85, Cl. 525-332.300.

Hanson, Eric G.; Hiskes, Ronald; and Schantz, Christopher A., to Hewlett-Packard Company. Optical fiber with hermetic seal and method for making same. 4,512,629, 4-23-85, Cl. 350-96.300.

Hanson, Gary R.; and Rabuse, George R., to Minnesota Mining and Manufacturing Company. Strip of binding tape. 4,558,888, 12-17-85, Cl. 281-23.000.

Hanson, Gary R.: *See—*

Rabuse, George R.; and Hanson, Gary R., 4,562,102, Cl. 428-43.000.

Hanson, George N., to Eastern Safety Equipment Co., Inc. Visitor spectacles. 4,526,448, 7-2-85, Cl. 351-153.000.

Hanson, Gustaf H., to Augusta Developments Inc. Orthodontic bracket. 4,492,573, 1-8-85, Cl. 433-11.000.

Hanson, Harley M., to Merck & Co., Inc. Orexigenic use of α-fluoromethyl-histidine. 4,522,823, 6-11-85, Cl. 514-400.000.

Hanson, Harold W., Jr., to Par-Way Manufacturing Co. Variable rate food ingredient delivery apparatus. 4,493,442, 1-15-85, Cl. 222-241.000.

Hanson, James P. Disposable incontinence diaper. 4,559,051, 12-17-85, Cl. 604-385.00R.

Hanson, Jay L., to Thermo King Corporation. Transport refrigeration system with control for top freezing avoidance. 4,493,191, 1-15-85, Cl. 62-126.000.

Hanson, Jay L., to Thermo King Corporation. Diesel glow plug tip enlargement protection. 4,512,295, 4-23-85, Cl. 123-145.00A.

Hanson, John D.; and Cook, John E., to Allied Corporation. Vacuum check valve. 4,499,916, 2-19-85, Cl. 137-103.000.

Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., to General Electric Company. Multi-layer metal core circuit board laminate with a controlled thermal coefficient of expansion. 4,496,793, 1-29-85, Cl. 174-68.500.

Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., to General Electric Company. Method for making multi-layer metal core circuit board laminate with a controlled thermal coefficient of expansion. 4,522,667, 6-11-85, Cl. 156-87.000.

Hanson, Karl L.: *See—*
Sewell, Peter C.; Rundle, Gregory E.; and Hanson, Karl L., 4,553,954, Cl. 493-309.000.

Hanson, Kerry A., to Texas Instruments Incorporated. Bilateral digital data transmission system. 4,519,083, 5-21-85, Cl. 375-9.000.

Hanson, Leon C.: *See—*
Hanson, Robert C.; and Hanson, Leon C., 4,498,863, Cl. 431-89.000.

Hanson, Lester A., to Blu-Surf, Inc. Solvent reducing oven. 4,493,640, 1-15-85, Cl. 432-72.000.

Hanson, Lowell C. Subterranean surveying apparatus. 4,532,545, 7-30-85, Cl. 358-100.000.

Hanson, Merlin L.: *See—*
Hamstra, James R.; and Hanson, Merlin L., 4,530,055, Cl. 364-200.000.

Hanson, Oliver D.; Nicolai, Donald R.; and Strong, Les O. Ice applicator for medicinal purposes. 4,537,194, 8-27-85, Cl. 128-399.000.

Hanson, Paul A.; and Walton, James M., to United States of America, Navy. Expendable underwater acoustic projector. 4,514,834, 4-30-85, Cl. 367-141.000.

Hanson, Raymond; and Tillyard, Malcolm, to USM Corporation. Method and apparatus for use in heating shoe parts. 4,500,773, 2-19-85, Cl. 219-215.000.

Hanson, Raymond, to USM Corporation. Applicator nozzle. 4,521,456, 6-4-85, Cl. 427-207.100.

Hanson, Raymond; and Tillyard, Malcolm, to USM Corporation. Apparatus for the heat treatment of lasted shoe uppers. 4,553,341, 11-19-85, Cl. 34-236.000.

Hanson, Raymond: *See—*
Price, Frank C.; Tout, Nigel R.; Hanson, Raymond; and Tillyard, Malcolm, 4,517,442, Cl. 219-215.000.
Tout, Nigel R.; and Hanson, Raymond, 4,509,271, Cl. 34-12.000.

Hanson, Richard A.; and Foote, Steven A., to Sundstrand Data Control, Inc. Method and apparatus for producing a controlled preload on a transducer assembly. 4,555,944, 12-3-85, Cl. 73-517.00B.

Hanson, Richard A., to Sundstrand Data Control, Inc. Method and apparatus for producing a controlled preload on a transducer assembly by means of a composite material sleeve. 4,555,945, 12-3-85, Cl. 73-517.00B.

Hanson, Richard A.: *See—*
Hanson, Clarence A., 4,514,928, Cl. 43-57.200.

Hanson, Robert C.; and Hanson, Leon C., to Hays-Republic Corporation. Feed forward combustion control system. 4,498,863, 2-12-85, Cl. 431-89.000.

Hanson, Steven P.; and Meyer, Burton C., to Marvin Glass & Associates. Activity toy. 4,496,510, 1-29-85, Cl. 264-176.00R.

Hanson, Steven P.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Action matching game. 4,524,967, 6-25-85, Cl. 273-1.0GE.

Hanson, Steven P., to Marvin Glass & Associates. Malleable material vehicle playset. 4,551,109, 11-5-85, Cl. 446-95.000.

Hanson, Steven P.: *See—*
Rehkemper, Steven F.; Hanson, Steven P.; and Disko, Harry, 4,540,377, Cl. 446-430.000.
Zaruba, John V.; Hanson, Steven P.; Luecke, Beth E.; and Kuna, Wayne A., 4,514,175, Cl. 434-82.000.

Hanson, Theodore F. Portable folding platform apparatus used with a ladder and winch. 4,546,853, 10-15-85, Cl. 182-103.000.

Hanson, Wallace G. Solar energy collector. 4,495,938, 1-29-85, Cl. 126-439.000.

Hanson, William M., to Automotive Products plc. Ball and socket joint. 4,537,524, 8-27-85, Cl. 403-140.000.

Hanssle, Peter; and Zaar, Wolfgang, to Chemische Werke Huels AG. Isomerization of isolated double bonds to conjugated double bonds in optionally substituted cyclooctadienes. 4,513,157, 4-23-85, Cl. 585-378.000.

Hanssler, Gerd: *See—*
Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Hanssler, Gerd; and Reinecke, Paul, 4,562,198, Cl. 514-383.000.
Kuhle, Engelbert; Stegelmeier, Hartmut; Brandes, Wilhelm; and Hanssler, Gerd, 4,529,735, Cl. 514-407.000.
Marzolph, Gerhard; Blank, Heinz U.; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,552,890, Cl. 514-425.000.
Maurer, Fritz; Homeyer, Bernhard; Becker, Benedikt; and Hanssler, Gerd, 4,542,126, Cl. 514-86.000.
Pfister, Theodor; Eue, Ludwig; Schmidt, Robert R.; and Hanssler, Gerd, 4,541,858, Cl. 71-86.000.
Weissmuller, Joachim; Kramer, Wolfgang; Berg, Dieter; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, 4,542,130, Cl. 514-212.000.

Hansson, Borje; Johansson, Borje; and Pramskog, Torbjorn, to Forenade Fabriksverken. Mortar carriage. 4,548,122, 10-22-85, Cl. 89-37.050.

Hansson, Erik. Glove. 4,494,249, 1-22-85, Cl. 2-161.00R.

Hansson, Erik. Glove. 4,534,066, 8-13-85, Cl. 2-163.000.

Hansson, Erik G. Attachment device. 4,540,309, 9-10-85, Cl. 403-374.000.

Hansson, Gunnar C., to Atlas Copco Aktiebolag. Chisel retaining device. 4,496,164, 1-29-85, Cl. 279-19.600.

Hansson, Gunnar C., to Atlas Copco Aktiebolag. Pneumatic rotary grinding tool. 4,558,539, 12-17-85, Cl. 51-170.00R.

Hansson, Ingvar J. M.; Hakansson, Hakan B.; Igefjord, Magnus G. K.; and Wall, Berth-Ove G., to Gambro Crafon AB. Method of manufacturing temperature-sensitive instruments. 4,507,854, 4-2-85, Cl. 29-612.000.

Hansson, Jan I., to Texas Instruments Incorporated. Silicon accelerometer. 4,553,436, 11-19-85, Cl. 73-517.00R.

Hansson, Lars I. Bone fixation driving instrument. 4,498,468, 2-12-85, Cl. 128-92.00B.

Hansson, P. E. Anders: *See—*
Jachimowicz, Felek; and Hansson, P. E. Anders, 4,558,101, Cl. 525-333.200.

Hansson, Per E. A.; and Jachimowicz, Felek, to W. R. Grace & Co. Wet strength material. 4,513,121, 4-23-85, Cl. 525-332.300.

Hansson, Per E. A.: *See—*
Jachimowicz, Felek; and Hansson, Per E. A., 4,526,936, Cl. 525-379.000.

Hanstein, Friedrich; and Szigeti, Peter R., to Rohm GmbH. Polishing plate and method for polishing surfaces. 4,490,948, 1-1-85, Cl. 51-358.000.

Hanstine, Kenneth W.: *See—*
Nelson, Jeffrey A.; and Hanstine, Kenneth W., 4,498,634, Cl. 241-72.000.

Hansz, Bernard: *See—*
Dubust, Jean-Claude; Boncoeur, Marcel; and Hansz, Bernard, 4,505,945, Cl. 427-8.000.

Hantke, Klaus: *See—*
Brajder, Antonio; and Hantke, Klaus, 4,523,268, Cl. 363-98.000.
Brajder, Antonio; and Hantke, Klaus, 4,524,334, Cl. 331-135.000.

Hantos, Gabor: *See—*
Udvardy Nagy nee Cserey Pechany, Eva; Bertho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.

Hantover, Inc.: *See—*
Hamel, Jerome T.; and Huff, Bernard G., 4,503,585, Cl. 17-1.00B.

Hanulik, Jozef, to Gesellschaft zur Forderung der Industrieorientierten Forschung an den Schweizerischen Hochschulen und weiteren Institutionen. Process for the decontamination of steel surfaces and disposal of radioactive waste. 4,508,641, 4-2-85, Cl. 252-626.000.

Hanyu, Susumu; and Ebata, Yoshikazu, to Janome Sewing Machine Co. Ltd. Dual-function sewing machine. 4,498,405, 2-12-85, Cl. 112-168.000.

Hanyu, Susumu; and Kato, Kenji, to Janome Sewing Machine Co. Ltd. Electrode control sewing machine. 4,501,210, 2-26-85, Cl. 112-158.00E.

Hanyu, Susumu; Takenoya, Hideaki; and Kato, Shinichi, to Janome Sewing Machine Co. Ltd. Pattern generating system of computer sewing machine. 4,522,134, 6-11-85, Cl. 112-453.000.

Hanyu, Susumu; and Kato, Kenji, to Janome Sewing Machine Co. Ltd. Computer sewing machine with response function as to the usage thereof. 4,531,466, 7-30-85, Cl. 112-121.110.

Hanyu, Susumu; and Yamaguchi, Yoshio, to Janome Sewing Machine Industry Co., Ltd. Sewing machine with upper thread dyeing mechanism. 4,538,535, 9-3-85, Cl. 112-270.000.

Hanyu, Susumu; Hara, Kazumasa; and Koike, Mikio, to Janome Sewing Machine Industry Co., Ltd. Lower thread tension adjusting device of sewing machine. 4,542,706, 9-24-85, Cl. 112-229.000.

Hanyu, Susumu, to Janome Sewing Machine Co. Ltd. Color printer. 4,560,296, 12-24-85, Cl. 400-649.000.

Hanyu, Susumu: *See—*
Eguchi, Yasukata; Hanyu, Susumu; Takenoya, Hideaki; and Inamori, Mikio, 4,520,987, Cl. 248-635.000.

Hanyu, Yoshiaki: *See—*
Tochigi, Kenji; Hanyu, Yoshiaki; and Hiratsuka, Yutaka, 4,505,586, Cl. 356-301.000.

Hanzawa, Kohtaro: *See—*
Sakurai, Keiichi; Ishida, Hideaki; and Hanzawa, Kohtaro, 4,537,110, Cl. 84-1.260.

Hanzawa, Koutarou, to Casio Computer Co., Ltd. Electronic musical instrument. 4,538,496, 9-3-85, Cl. 84-1.260.

Hanzawa, Yoshiki, to Terumo Kabushiki Kaisha. Infusion control apparatus. 4,509,943, 4-9-85, Cl. 604-31.000.

Hao, Hideyuki: *See—*
Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.

Hao, Ming C.: *See—*
Cormier, Roger L.; Dugan, Robert J.; Guyette, Richard R.; Hankison, Ronald L.; Hao, Ming C.; Levin, Arthur L.; McClain, George A.; Wanish, Paul J.; and Zeitler, Carl, Jr., 4,497,022, Cl. 364-200.000.

Haour, Georges; Kornmann, Michel; and Willy, Wagnieres, to Battelle Memorial Institute. Method for the continuous coating of at least one portion of at least one of the faces of a metallic substrate. 4,529,628, 7-16-85, Cl. 427-319.000.

Haour, Georges; Richter, Dag; and Wagnieres, Willy, to Battelle Development Corporation. Production of particulate or powdered metals and alloys. 4,559,187, 12-17-85, Cl. 264-11.000.

Hapke, Walter: *See—*
Diepholz, Tilo; Hapke, Walter; Wohl, Wilhelm; and Schindler, H.-Joachim, 4,544,965, Cl. 360-71.000.

Happ, Lawrence R.: *See—*
Cecchi, Marino; Borucki, Gregory J.; and Happ, Lawrence R., 4,533,092, Cl. 242-186.000.

Happach, Anton, to Schaltbau Gesellschaft mbH. Overload protection. 4,491,812, 1-1-85, Cl. 335-184.000.

Happel, Friedrich; and Heller, Gunter, to F. Happel Tief-und Strassenbau GmbH. Apparatus for feeding bulk material, such as sand. 4,540,327, 9-10-85, Cl. 414-352.000.

Happel, John; Hnatow, Miguel A.; and Bajars, Laimonis, to Gas Research Institute. Methods of making high activity transition metal catalysts. 4,491,639, 1-1-85, Cl. 502-219.000.

Haq, Zia, to Lever Brothers Company. Article carrying active material. 4,515,703, 5-7-85, Cl. 252-92.000.

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Hara, Akio; Miyake, Masaya; and Yazu, Shuji, to Sumitomo Electric Industries, Ltd. Process for the production of bonded hard alloys. 4,492,846, 1-8-85, Cl. 219-121.0LC.

Hara, Elmer H.: *See—*
MacDonald, R. Ian; Hara, Elmer H.; and Hum, Robert H., 4,506,151, Cl. 250-213.00A.

Hara, Fumio: *See—*
Kishida, Eiji; Isobe, Yoshinobu; Hara, Fumio; and Hasegawa, Shumpei, 4,553,521, Cl. 123-587.000.

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Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, 4,541,305, Cl. 74-690.000.
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Hara, Hiroshi: *See—*
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Sakaguchi, Yukihiko; Sato, Kozo; Naito, Hideki; and Hara, Hiroshi, 4,555,470, Cl. 430-203.000.

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Iizuka, Tetsuya; and Hara, Hisashi, 4,497,043, Cl. 365-182.000.
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Hara, Kazumasa: *See—*
Hanyu, Susumu; Hara, Kazumasa; and Koike, Mikio, 4,542,706, Cl. 112-229.000.

Hara, Kazuo, to Fuji Jukogyo Kabushiki Kaisha. System for detecting ranges in an automatic transmission for vehicles. 4,498,359, 2-12-85, Cl. 74-850.000.

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Ohgami, Masaaki; Hara, Kazuo; and Abe, Kunihiro, 4,555,762, Cl. 364-431.090.

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Takeuchi, Eiichi; and Hara, Kazuya, 4,558,427, Cl. 364-708.000.

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Isozumi, Shuzoo; and Hara, Kazuyoshi, 4,520,285, Cl. 310-83.000.

Hara, Kenjiro; and Shirose, Haruya, to Nissan Motor Company, Limited. Crankshaft of V-6 internal combustion engine. 4,552,104, 11-12-85, Cl. 123-192.00R.

Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, to Kanto Denka Kogyo Co., Ltd.; and Tokyo Shibaura Denki Kabushiki Kaisha. Two-component resin system of acrylic and diene polymers for coating electrophotographic carrier particles. 4,503,136, 3-5-85, Cl. 430-106.600.

Hara, Kiyoshi; Inoue, Yozo; and Noda, Munetaka, to Nippondenso Co., Ltd. Automatic running control method for a vehicle. 4,506,752, 3-26-85, Cl. 180-179.000.

Hara, Kiyoshi: *See—*
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Hara, Kunihiko: *See—*
Itoh, Hiroyasu; Suzuki, Yasutoshi; Horiuchi, Yasuhiro; and Hara, Kunihiko, 4,551,669, Cl. 323-268.000.
Muramatsu, Hiromochi; Watanabe, Atsushi; and Hara, Kunihiko, 4,547,046, Cl. 350-357.000.
Suzuki, Yasutoshi; Hara, Kunihiko; and Sato, Ryo, 4,499,451, Cl. 340-98.000.

Hara, Kunio, to Nifco Inc. Fastener for string. 4,506,417, 3-26-85, Cl. 24-115.00G.

Hara, Kunio, to Nifco Inc. Thermal cutout fuse. 4,529,957, 7-16-85, Cl. 337-407.000.

Hara, Mamoru: *See—*
Okudaira, Tadashi; Tsuboi, Akio; Hama, Yoshihisa; and Hara, Mamoru, 4,535,901, Cl. 215-1.00C.

Hara, Masahiro; Okamoto, Atsutoshi; and Sakai, Toshiyasu, to Nippondenso Co., Ltd. High-sensitive optical reading apparatus and method of reading optical information. 4,516,017, 5-7-85, Cl. 235-472.000.

Hara, Masahiro; and Sakai, Toshiyasu, to Nippondenso Co., Ltd. Optical reading apparatus with automatic gain control circuit. 4,528,444, 7-9-85, Cl. 235-462.000.

Hara, Masahiro: *See—*
Sakai, Toshiyasu; Hara, Masahiro; and Teraura, Nobuyuki, 4,538,060, Cl. 235-472.000.

Hara, Masanori; Sugawara, Sakuo; Yamazaki, Kisuke; and Kasagi, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Warm-air heating apparatus. 4,557,247, 12-10-85, Cl. 126-99.00R.

Hara, Masanori; and Sugawara, Sakuo, to Mitsubishi Denki Kabushiki Kaisha. Hot air type heater. 4,561,422, 12-31-85, Cl. 126-110.00R.

Hara, Masanori: *See—*
Takenoya, Hideaki; Fujimura, Toshiro; Hara, Masanori; and Tonomura, Yoshinobu, 4,522,137, Cl. 112-266.100.

Hara, Masato: *See—*
Doi, Yuzuru; Hara, Masato; and Yoshihama, Hideo, 4,543,477, Cl. 250-227.000.
Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-211.000.

Hara, Minoru, to Kabushiki Kaisha Kubota Seisakusho. Bucket for use in centrifugal separators. 4,531,652, 7-30-85, Cl. 220-83.000.

Hara, Mitsuhiko, to Victor Company of Japan, Ltd. Dusttight tape cassette. 4,541,581, 9-17-85, Cl. 242-198.000.

Hara, Naoto: *See—*
Miyakoshi, Shinichi; and Hara, Naoto, 4,549,510, Cl. 123-90.270.

Hara, Noboru; Fukudome, Shinichi; Johna, Nobuo; and Nakamura, Masayoshi, to Lion Corporation. Method for granulating cationic surfactant. 4,510,073, 4-9-85, Cl. 252-383.000.

Hara, Noriaki: *See—*
Kudo, Yoshihiko; Kawabata, Hidetsugu; Birukawa, Masahiro; Hara, Noriaki; and Muto, Akira, 4,497,870, Cl. 428-457.000.

Hara, Ryoichi; Kuroha, Toshiaki; and Inagaki, Nobuo, to Furukawa Electric Co., Ltd., The; and Nippon Telephone & Telegraph Public Corporation. Method of fabricating optical glass base material and apparatus for fabricating the same. 4,552,576, 11-12-85, Cl. 65-2.000.

Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, to Japan Steel Works, Ltd., The; and Nichias Corporation. Method for the insulation of heated metalic materials. 4,504,527, 3-12-85, Cl. 427-318.000.

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Hara, Seinosuke; Miisho, Kazuyuki; Matsumoto, Yasuo; and Yoshikawa, Yasuo, to Nissan Motor Company, Limited. Variable valve timing mechanism. 4,539,951, 9-10-85, Cl. 123-90.170.

Hara, Seishi: *See—*
Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita, Hideo; and Aoki, Yoshiaki, 4,504,433, Cl. 264-232.000.

- Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, to Sumitomo Metal Industries, Ltd.; and Satosen Co., Ltd. Molds for continuously casting steel. 4,538,667, 9-3-85, Cl. 164-418.000.
- Hara, Shigeo: *See—*
  - Hattori, Masaichi; Hara, Shigeo; and Manabe, Shunichi, 4,540,965, Cl. 335-259.000.
  - Wakabayashi, Hajimu; Terai, Ryohei; Yamanaka, Hiroshi; and Hara, Shigeo, 4,514,329, Cl. 252-629.000.
- Hara, Shoji: *See—*
  - Inoue, Mamoru; Hara, Shoji; Hasegawa, Morimichi; and Imanishi, Kiyokazu, 4,552,045, Cl. 82-21.00R.
- Hara, Sohichi; and Matsuzaki, Minori, to Aisin Seiki Kabushiki Kaisha. Method of manufacturing a piston for internal combustion engines. 4,559,685, 12-24-85, Cl. 29-156.50R.
- Hara, Susumu: *See—*
  - Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, 4,525,180, Cl. 55-37.000.
  - Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, 4,546,094, Cl. 502-402.000.
- Hara, Takafumi, to Sharp Kabushiki Kaisha. Ink liquid reservoir in an ink jet system printer. 4,511,906, 4-16-85, Cl. 346-140.00R.
- Hara, Takeo; and Ito, Seiji, to Sony Corporation. Adjustable mounting for a motor on a base. 4,506,857, 3-26-85, Cl. 248-655.000.
- Hara, Takeo: *See—*
  - Kasubuchi, Takeshi; Hara, Takeo; and Ozawa, Kaoru, 4,536,804, Cl. 360-4.000.
- Hara, Takeshi: *See—*
  - Kato, Yoshinori; Umemoto, Naoji; Saito, Masahiko; and Hara, Takeshi, 4,507,234, Cl. 260-121.000.
  - Kato, Yoshinori; Umemoto, Naoji; Hara, Takeshi; Tsukada, Yutaka; and Hirai, Hidematsu, 4,543,211, Cl. 260-112.00B.
- Hara, Takushi: *See—*
  - Itaka, Koshi; and Hara, Takushi, 4,496,789, Cl. 174-22.00C.
- Hara, Teruya: *See—*
  - Ina, Kenzo; and Hara, Teruya, 4,494,157, Cl. 360-48.000.
- Hara, Tomihiro; Adaniya, Takeshi; and Tonouchi, Akira, to Nippon Kokan Kabushiki Kaisha. Method of Fe-Zn alloy electroplating. 4,519,878, 5-28-85, Cl. 204-28.000.
- Hara, Tomihiro; Adaniya, Takeshi; Sagiyama, Masaru; Watanabe, Tsutomu; Shimoma, Takashi; and Nabatame, Masaru, to Nippon Kokan Kabushiki Kaisha. Iron-zinc alloy electro-galvanized steel sheet having a plurality of iron-zinc alloy coatings. 4,543,300, 9-24-85, Cl. 428-610.000.
- Hara, Toshitami: *See—*
  - Shinmi, Akira; Fukui, Masahisa; Hara, Toshitami; Shirato, Yoshiaki; and Hajimoto, Yoshioki, 4,545,881, Cl. 204-192.0SP.
- Hara, Toshizo: *See—*
  - Sutoh, Shinji; Hara, Toshizo; and Takahashi, Akiyoshi, 4,519,443, Cl. 165-17.000.
- Hara, Tsutomu: *See—*
  - Takagi, Toshihiko; Kobayashi, Yoshikazu; Suzuki, Yoshiji; and Hara, Tsutomu, 4,519,064, Cl. 369-275.000.
- Hara, Yasuhiko; Akiyama, Nobuyuki; Fushimi, Satoru; Oshima, Yoshimasa; and Aoki, Nobuhiko, to Hitachi, Ltd. Pattern detection system. 4,508,453, 4-2-85, Cl. 356-394.000.
- Hara, Yoichi: *See—*
  - Ito, Masafumi; Nishimura, Shuichi; and Hara, Yoichi, 4,545,331, Cl. 123-26.000.
- Hara, Yoshihumi; Takano, Hiroji; Kabashima, Shoshi; and Hasegawa, Mikio, to Matsushita Electric Industrial Co., Ltd. Laminated core producing apparatus. 4,524,507, 6-25-85, Cl. 29-564.200.
- Hara, Yoshio; and Sugimoto, Yukihiro, to Fuji Photo Film Co., Ltd. Film pack. 4,536,067, 8-20-85, Cl. 354-180.000.
- Hara, Yoshio: *See—*
  - Sato, Susumu; and Hara, Yoshio, 4,556,631, Cl. 430-498.000.
- Harada, Atsumu; and Arikawa, Tetsuro, to Nippon Air Brake Co., Ltd. Memory system of wheel speed of vehicle with skid control system. 4,517,647, 5-14-85, Cl. 364-426.000.
- Harada, Atsushi: *See—*
  - Kiyooka, Katsumi; Harada, Atsushi; and Anbo, Kiyoshi, 4,494,490, Cl. 123-41.560.
- Harada, Denzaburo, to Kubota, Ltd. Gearing transmission. 4,513,636, 4-30-85, Cl. 74-761.000.
- Harada, Hajime, to Nihon Kohden Corporation. Pulse transformer for switching power supplies. 4,518,941, 5-21-85, Cl. 336-69.000.
- Harada, Hajime; and Kojima, Takeshi, to Nihon Kohden Corporation. Physiological signal amplifier circuitry. 4,530,365, 7-23-85, Cl. 128-696.000.
- Harada, Haruo; Fujiwara, Akira; Hatanaka, Yoshio; and Iimura, Hironori, to Myojo Foods Co., Ltd. Process for producing rapid-cooking pastas having good keeping quality. 4,540,590, 9-10-85, Cl. 426-324.000.
- Harada, Hidemi: *See—*
  - Bunno, Masayasu; Sugiura, Tsutomu; Tsuji, Masao; Harada, Hidemi; and Ichihara, Yoshihiro, 4,520,102, Cl. 435-61.000.
- Harada, Hiromi: *See—*
  - Yasukawa, Motohiro; Ishikawa, Yukio; Ojima, Yasuo; Harada, Hiromi; and Mori, Yoshiaki, 4,525,208, Cl. 75-25.000.
- Harada, Hiroshi: *See—*
  - Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, 4,491,429, Cl. 384-221.000.
- Harada, Hiroyuki: *See—*
  - Komatsu, Hideo; Harada, Hiroyuki; and Matsuki, Tomiji, 4,555,542, Cl. 524-178.000.
- Harada, Hisashi: *See—*
  - Uzaki, Nagato; Kawamura, Yasutaro; Kanayama, Ryoji; and Harada, Hisashi, 4,561,485, Cl. 164-201.000.
- Harada, Kazuhiro; Tsuchiya, Yuzoh; Sekiguchi, Nobuo; and Ishikawa, Toshio, to Nippon Telegraph & Telephone Public Corporation; and Showa Electric Wire & Cable Co. Cable pulling/feeding apparatus. 4,508,251, 4-2-85, Cl. 226-25.000.
- Harada, Keiji; and Sato, Akio, to NEC Corporation. Method of manufacturing thin film circuits. 4,496,435, 1-29-85, Cl. 204-15.000.
- Harada, Kenichi: *See—*
  - Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, 4,533,220, Cl. 350-507.000.
- Harada, Kinji: *See—*
  - Ikeda, Kyoichi; Harada, Kinji; and Isozaki, Katsumi, 4,495,818, Cl. 73-702.000.
- Harada, Koji: *See—*
  - Matsushita, Yasuo; Nakamura, Kousuke; and Harada, Koji, 4,555,358, Cl. 252-516.000.
- Harada, Koosuke; and Murata, Katsuaki, to Tokyo Shibaura Denki Kabushiki Kaisha. High frequency power supply device. 4,553,199, 11-12-85, Cl. 363-75.000.
- Harada, Kosuke; Murata, Katsuaki; and Nakamizo, Takazi, to Nishimu Electronics Industries, Co., Ltd. Uninterruptible ac power supply. 4,556,802, 12-3-85, Cl. 307-66.000.
- Harada, Kunihiro: *See—*
  - Hosaka, Yoshihiro; Kamoshida, Yoichi; Harita, Yoshiyuki; and Harada, Kunihiro, 4,499,171, Cl. 430-192.000.
- Harada, Kunimitsu: *See—*
  - Suzuki, Hirofumi; Waki, Masahiko; and Harada, Kunimitsu, 4,544,288, Cl. 400-121.000.
- Harada, Kuniyoshi: *See—*
  - Terada, Takami; and Harada, Kuniyoshi, 4,529,159, Cl. 248-421.000.
- Harada, Masasuke; and Moronaga, Yoshiharu, to Nippon Rubber Co., Ltd. Athletic shoe sole. 4,547,979, 10-22-85, Cl. 36-30.00R.
- Harada, Masataka: *See—*
  - Kasai, Yoshiaki; Hiraoka, Yasuo; Yuasa, Masaharu; Harada, Masataka; and Saito, Masao, 4,527,532, Cl. 123-520.000.
- Harada, Masato; Iijima, Makoto; and Saitoh, Noriaki, to Chisso Corporation. Carrier for olefin polymerization catalysts and process for producing the same. 4,499,194, 2-12-85, Cl. 502-8.000.
- Harada, Masato; Miya, Shinya; Yamada, Sadahiko; and Iijima, Makoto, to Chisso Corporation. Solid catalyst component for olefin polymerization and process for producing same. 4,551,439, 11-5-85, Cl. 502-107.000.
- Harada, Masatoshi: *See—*
  - Nakata, Tohru; Endo, Hiroyuki; Harada, Masatoshi; Hayasaka, Tadao; and Miyamoto, Osamu, 4,552,590, Cl. 75-246.000.
- Harada, Michiko. Portable small-sized washing machine. 4,522,045, 6-11-85, Cl. 68-22.00A.
- Harada, Mineo; Simojyo, Tetuzi; and Furuya, Kaname, to Hitachi, Ltd. Print head for a dot matrix printer. 4,548,522, 10-22-85, Cl. 400-124.000.
- Harada, Mineo: *See—*
  - Takahashi, Kazue; Okuna, Kenzi; Nakajima, Isao; Harada, Mineo; and Kako, Yutaka, 4,511,269, Cl. 400-124.000.
  - Tanaka, Hideyo; and Harada, Mineo, 4,543,001, Cl. 400-212.000.
- Harada, Naoki: *See—*
  - Kayane, Yutaka; and Harada, Naoki, 4,548,612, Cl. 8-524.000.
  - Omura, Takashi; Takahashi, Mikoto; Harada, Naoki; and Takeshita, Akira, 4,505,714, Cl. 8-549.000.
  - Omura, Takashi; Harada, Naoki; and Tezuka, Yasuo, 4,530,996, Cl. 534-642.000.
  - Yamada, Takeo; Harada, Naoki; and Imai, Kiyotaka, 4,553,854, Cl. 374-129.000.
- Harada, Norimichi: *See—*
  - Inoue, Seiji; and Harada, Norimichi, 4,493,656, Cl. 440-2.000.
  - Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.
- Harada, Nozomu, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid state image-sensing device. 4,492,980, 1-8-85, Cl. 358-213.000.
- Harada, Nozomu; Ito, Hiroshi; and Adachi, Toshikazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for glow discharge deposition of a thin film. 4,523,544, 6-18-85, Cl. 118-702.000.
- Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid-state device having a plurality of optical functions. 4,534,622, 8-13-85, Cl. 350-334.000.
- Harada, Nozomu; and Yoshida, Okio, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic image sensing apparatus. 4,535,363, 8-13-85, Cl. 358-213.000.
- Harada, Nozomu; Endo, Yukio; Yoshida, Okio; and Matsunaga, Yoshiyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid state image sensor. 4,543,489, 9-24-85, Cl. 250-578.000.
- Harada, Nozomu; and Yoshida, Okio, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid state image sensor with high resolution. 4,543,601, 9-24-85, Cl. 358-213.000.
- Harada, Setsuo; Tsubotani, Shigetoshi; and Asai, Mitsuko, to Takeda Chemical Industries, Ltd. Isomerization of β-lactam compounds. 4,497,742, 2-5-85, Cl. 260-245.20T.
- Harada, Setsuo; and Okada, Junya, to Takeda Chemical Industries, Ltd. Inclusion compound of lankacidin-group antibiotic and use thereof. 4,497,803, 2-5-85, Cl. 514-450.000.

- Harada, Setsuo; Shinagawa, Susumu; and Kitano, Kazuaki, to Takeda Chemical Industries, Ltd. Pharmaceutically acceptable salts of the antibiotic C-19393 E5. 4,521,340, 6-4-85, Cl. 260-245.20T.
- Harada, Setsuo: *See—*
  - Imada, Akira; Harada, Setsuo; and Asai, Mitsuko, 4,518,529, Cl. 260-245.20T.
- Harada, Shigeo; and Touma, Soituro, to RCA Corporation. Method for characterizing solder compositions. 4,491,412, 1-1-85, Cl. 356-36.000.
- Harada, Shigeo, to Fuji Photo Film Co., Ltd. Light or heat output stabilizing system. 4,542,388, 9-17-85, Cl. 346-76.00L.
- Harada, Shigeo, to Fuji Photo Film Co., Ltd. Light beam modulating and deflecting system. 4,562,579, 12-31-85, Cl. 372-26.000.
- Harada, Shigeru: *See—*
  - Asano, Juichi; Okubo, Yasuo; Saito, Hiroshi; and Harada, Shigeru, 4,555,064, Cl. 241-89.300.
- Harada, Shoji: *See—*
  - Oishi, Naoaki; Shimizu, Noriyuki; Shoji, Takashi; and Harada, Shoji, 4,492,730, Cl. 428-328.000.
  - Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, 4,524,098, Cl. 428-156.000.
  - Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, 4,524,100, Cl. 428-283.000.
- Harada, Shooichi; and Ohtake, Matsuo, to Fuji Seiki Machine Works Ltd. Process and apparatus for finishing electronic device. 4,561,219, 12-31-85, Cl. 51-319.000.
- Harada, Susumu; and Hasegawa, Sakuro, to Nitto Boseki Co. Ltd. Process for producing monoallylamine polymer. 4,504,640, 3-12-85, Cl. 526-193.000.
- Harada, Susumu; and Shimizu, Kiyoshi, to Nitto Boseki Co. Ltd. Process for producing polymers of monoallylamine. 4,528,347, 7-9-85, Cl. 526-219.000.
- Harada, Susumu; Shimizu, Kiyoshi; and Serizawa, Hajime, to Nitto Boseki Co. Ltd. Process for producing polymers of monoallylamine. 4,540,760, 9-10-85, Cl. 526-211.000.
- Harada, Susumu: *See—*
  - Harada, Takashi; Kobayashi, Akio; Honda, Masakazu; Harada, Susumu; Fujimoto, Masaya; and Suzuki, Masatoshi, 4,543,176, Cl. 204-406.000.
  - Honda, Masakazu; Harada, Susumu; and Kobayashi, Akio, 4,541,050, Cl. 364-424.000.
  - Kobayashi, Akio; Harada, Susumu; Harada, Takashi; Kikuchi, Takehiro; and Honda, Masakazu, 4,546,747, Cl. 123-489.000.
  - Ueda, Toshio; Kato, Tadashi; Mukai, Ryuichi; and Harada, Susumu, 4,559,391, Cl. 525-366.000.
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  - Kido, Yasuji; Yoshida, Tsutomu; Hamakado, Toshinari; Anno, Masami; Harada, Takahiro; and Motoki, Yoshinobu, 4,526,866, Cl. 435-68.000.
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  - Chiba, Hiromasa; Kumahara, Katsumi; Harada, Takakiyo; Oka, Takahiro; and Sato, Akihiro, 4,522,994, Cl. 526-351.000.
  - Chiba, Hiromasa; Harada, Takakiyo; Kumahara, Katsumi; Kawazoe, Shunji; and Sato, Akihiro, 4,526,931, Cl. 525-268.000.
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- Harada, Takao: *See—*
  - Ohtani, Masaaki; Harada, Takao; Oyaizu, Yoshijiro; and Kobayashi, Tatsuhiko, 4,542,070, Cl. 428-416.000.
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  - Hirabayashi, Shigeto; Masukawa, Toyoaki; Ishikawa, Wataru; and Harada, Tetsuya, 4,543,309, Cl. 430-31.000.
- Harada, Toru: *See—*
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  - Okuda, Yosiro; and Harada, Tosiharu, 4,495,164, Cl. 423-266.000.
- Harada, Toyohei: *See—*
  - Hirauchi, Yukio; Nakano, Kazuhiro; and Harada, Toyohei, 4,549,523, Cl. 126-97.000.
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- Harada, Tsuneo: *See—*
  - Oyama, Kiyotaka; Irino, Shigeaki; Harada, Tsuneo; and Nakamura, Masao, 4,521,514, Cl. 435-70.000.
  - Saito, Yu; and Harada, Tsuneo, 4,560,615, Cl. 428-328.000.
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- Harada, Yuji, to Canon Kabushiki Kaisha. Keyboard switch with a mesh of fibers. 4,553,820, 11-19-85, Cl. 350-331.00R.
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- Haraguchi, Hiroshi: *See—*
  - Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, 4,498,331, Cl. 73-35.000.
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  - Kando, Toru; and Haraguchi, Keisuke, 4,522,478, Cl. 354-288.000.
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- Haraguchi, Kouichi: *See—*
  - Hayashi, Yoshiaki; Haraguchi, Kouichi; and Koshidaka, Yukio, 4,524,045, Cl. 264-521.000.
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  - Urai, Muneharu; Abe, Tadafumi; Haraguchi, Youichirou; Hayashi, Koji; and Kon, Shigeki, 4,519,862, Cl. 156-219.000.
- Harakawa, Masaji: *See—*
  - Horikiri, Shozo; Kadokura, Hidekimi; Harakawa, Masaji; Saegusa, Kunio; and Yamagiwa, Masao, 4,495,121, Cl. 264-56.000.
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- Haramura, Shigenori: *See—*
  - Watanabe, Tetsumi; Haramura, Shigenori; and Momose, Yutaka, 4,532,767, Cl. 60-525.000.
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  - Haran, Ilan; and Haran, Dan, 4,521,768, Cl. 340-566.000.
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- Harant, Guter: *See—*
  - Frase, Dietmar; Eisenkolb, Roland; Kiener, Heinz; and Harant, Guter, 4,526,485, Cl. 384-486.000.
- Harao, Norio: *See—*
  - Noji, Takashi; Harao, Norio; and Obata, Yoshiharu, 4,528,210, Cl. 427-70.000.
  - Sugimori, Fumio; Nishino, Chikae; and Harao, Norio, 4,516,715, Cl. 228-208.000.
- Harari, Sami: *See—*
  - Botrel, Jose; Harari, Sami; Briere, Joseph; and Louvel, Bernard, 4,551,839, Cl. 371-35.000.
- Harasaki, Hayathugu, to Mazda Motor Corporation. Front side structure of an automobile body. 4,545,612, 10-8-85, Cl. 296-185.000.
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- Harashima, Asao; Nakamura, Takashi; and Kishimoto, Keiichi, to Toray Silicone Company, Ltd. Method for manufacturing reactive injection-molded products. 4,517,150, 5-14-85, Cl. 264-300.000.
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- Harbach, Friedrich, to Brown, Boveri & Cie AG. Solid electrolyte. 4,539,276, 9-3-85, Cl. 429-191.000.

- Harbeck, Martin E.: *See—*
  - Laing, Gordon E.; Harbeck, Martin E.; Jones, John E.; Sumerau, William R.; and Glenn, William K., III, 4,512,057, Cl. 15-320.000.
- Harbeke, Gunther; and Duffy, Michael T., to RCA Corporation. Optical reflectance method for determining the surface roughness of materials in semiconductor processing. 4,511,800, 4-16-85, Cl. 250-372.000.
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- Harbert, Charles A.: *See—*
  - Lombardino, Joseph G.; and Harbert, Charles A., 4,500,535, Cl. 514-277.000.
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  - Welch, Willard M., Jr.; Harbert, Charles A.; Koe, B. Kenneth; and Kraska, Allen R., 4,536,518, Cl. 514-647.000.
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- Harbison, William H.; and Frankus, Andrew, to Anderson Company of Indiana, The. Attack angle compensator connector. 4,546,518, 10-15-85, Cl. 15-250.230.
- Harbolt, Bruce A.; and Sands, Rodney T., to Union Oil Company of California. Multi-phase fluid flow divider. 4,528,919, 7-16-85, Cl. 111-7.000.
- Harbor Branch Foundation, Inc.: *See—*
  - Holt, John K., 4,533,641, Cl. 436-43.000.
- Harborchem, Inc.: *See—*
  - Moore, John R.; and Maybaum, Stephen, 4,530,722, Cl. 106-38.350.
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- Harbridge, John B.; and Stirling, Irene, to Beecham Group p.l.c. Compounds containing beta-lactams. 4,562,182, 12-31-85, Cl. 514-210.000.
- Harbridge, John B.: *See—*
  - Clarke, Brian P.; Harbridge, John B.; and Stirling, Irene, 4,539,202, Cl. 424-114.000.
- Harbuck, Stanley C. Method for reducing hypertension of a liver. 4,501,263, 2-26-85, Cl. 128-1.00R.
- Harco Corporation: *See—*
  - Dimond, James R.; and Bushman, James B., 4,515,669, Cl. 204-196.000.
- Harcourt, Philip E.: *See—*
  - Bates, Alexander P.; and Harcourt, Philip E., 4,506,619, Cl. 114-91.000.
- Harcuba, Siegfried, to Harcuba, Theodor P.; and Anstalt, Interverre. Process and apparatus for producing glass. 4,559,072, 12-17-85, Cl. 65-136.000.
- Harcuba, Theodor P.: *See—*
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- Hardacre, Nicholas P., to Leigh Flexible Structure Ltd. Flexible barriers. 4,511,286, 4-16-85, Cl. 405-115.000.
- Hardage, Thomas B.: *See—*
  - Sachleben, Harold G.; Hubbard, David W.; Botset, Richard A.; and Hardage, Thomas B., 4,541,576, Cl. 242-18.0PW.
- Hardee, Harry C.: *See—*
  - Dunn, James C.; Hardee, Harry C.; and Striker, Richard P., 4,547,080, Cl. 374-135.000.
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- Hardee, Kim C.; and Sud, Rahul, to Inmos Corporation. Bit line precharging and equilibrating circuit. 4,494,221, 1-15-85, Cl. 365-203.000.
- Hardee, Kim C.: *See—*
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- Hardee's Food Systems, Inc.: *See—*
  - Capo, James L.; and Cunningham, William D., 4,548,352, Cl. 229-17.00G.
  - Cunningham, William D., 4,558,528, Cl. 40-365.000.
- Hardegger, Bruno: *See—*
  - Bomches, Helmut; and Hardegger, Bruno, 4,507,482, Cl. 546-176.000.
- Harden, Charles T.: *See—*
  - Creek, Ronald B.; Harden, Charles T.; and Harris, Harold H., 4,515,747, Cl. 376-249.000.
- Harden, Eldon A.; and Randol, Kent B., to J. I. Case Company. Two-way plow with offset trips. 4,519,461, 5-28-85, Cl. 172-225.000.
- Harden, Jerrell W., to Allied Products Corporation. Soil conditioning and bed preparation apparatus. 4,524,837, 6-25-85, Cl. 172-156.000.
- Harden, Theodore A., to Takasago USA, Inc. Apparatus for dispensing volatile substances. 4,512,933, 4-23-85, Cl. 261-30.000.
- Hardenbrook, David L.: *See—*
  - Doane, John C.; and Hardenbrook, David L., 4,561,093, Cl. 371-20.000.
- Harder, Benjamin P.; and Harder, Willard J. Side rear view mirror cleaning system. 4,550,988, 11-5-85, Cl. 350-584.000.
- Harder, Burkhard: *See—*
  - Knoblauch, Karl; Heimbach, Heinz; and Harder, Burkhard, 4,548,799, Cl. 423-351.000.
- Harder, Christoph: *See—*
  - Yariv, Amnon; Harder, Christoph; and Lau, Kam-Yin, 4,562,569, Cl. 369-122.000.
- Harder, David. Truck having a front axle oscillatable relative to a rear axle. 4,533,010, 8-6-85, Cl. 180-41.000.
- Harder, Hans E.: *See—*
  - Grosse, Arsene; Harder, Hans E.; and Klietz, Jurgen, 4,541,424, Cl. 128-92.0EB.
- Harder, Helmut, to Thyssen Industrie Aktiengesellschaft. Connecting mechanism for an airplane passenger bridge. 4,553,720, 11-19-85, Cl. 244-137.00P.
- Harder, John O.; McCandless, Doyle W.; and Peterson, Michael W., to John Harder & Co. Machine for removing electric traction motors from wheel spindles. 4,532,689, 8-6-85, Cl. 29-426.500.
- Harder, Sven, to Aktieselskabet Jens Villadsens Fabriker. Roof or wall structure. 4,517,783, 5-21-85, Cl. 52-481.000.
- Harder, W. Dale. Seal retainer installing and removing tool. 4,502,197, 3-5-85, Cl. 29-259.000.
- Harder, Willard J.: *See—*
  - Harder, Benjamin P.; and Harder, Willard J., 4,550,988, Cl. 350-584.000.
- Hardern, David N.: *See—*
  - Bantick, John R.; Fuher, John; Hardern, David N.; and Lee, Thomas B., 4,518,612, Cl. 514-457.000.
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- Hardesty, Edwin C.; and Hardesty, Ronald C., to AT&T Technologies, Inc. Tool for terminating telephone cordage with modular plugs. 4,536,939, 8-27-85, Cl. 29-566.400.
- Hardesty, Edwin C.: *See—*
  - Brzostek, Melvin W.; Hardesty, Edwin C.; and Hutchins, Erle M., 4,494,815, Cl. 339-123.000.
- Hardesty, Leonard W., Jr.: *See—*
  - Fenneman, David B.; Rinehart, Larry F.; and Hardesty, Leonard W., Jr., 4,516,077, Cl. 324-425.000.
- Hardesty, Ronald C.: *See—*
  - Hardesty, Edwin C.; and Hardesty, Ronald C., 4,536,939, Cl. 29-566.400.
- Hardie-Muncy, Darlene A.: *See—*
  - Bannon, Glen M.; Hardie-Muncy, Darlene A.; and Wauters, Ronald P., 4,530,848, Cl. 426-293.000.
- Hardigg Industries, Inc.: *See—*
  - Hardigg, James S.; and Turner, E. Wayne, 4,495,260, Cl. 429-180.000.
  - Turner, Edward W.; Blake, Peter J.; and Strzegowski, Joseph C., Jr., 4,553,464, Cl. 83-865.000.
- Hardigg, James S.; and Turner, E. Wayne, to Hardigg Industries, Inc. Sliding seal lead bushing. 4,495,260, 1-22-85, Cl. 429-180.000.
- Hardiman, Brendon J., Jr. Valve guard. 4,513,773, 4-30-85, Cl. 137-382.000.
- Hardin, James R., to UOP Inc. Well screen assembly with longitudinally ported connector sub. 4,510,996, 4-16-85, Cl. 166-227.000.
- Hardin, Philip J. Autoreversing dual axial speed ink roller. 4,509,426, 4-9-85, Cl. 101-348.000.
- Hardin, Scotty L.: *See—*
  - Clark, James M.; Secrist, Duane R.; Hardin, Scotty L.; and McEntyre, Stephen C., 4,500,401, Cl. 204-225.000.
- Hardin, William R., to General Electric Company. Method and means for real time image zoom display in an ultrasonic scanning system. 4,520,671, 6-4-85, Cl. 73-620.000.
- Harding A/S: *See—*
  - Klem, Per G., 4,522,144, Cl. 114-348.000.
- Harding, Antony; and Marthoz, Roger, to Goodyear Tire & Rubber Company, The. Method and apparatus for storing and transferring tires to a hook conveyor. 4,526,267, 7-2-85, Cl. 198-409.000.
- Harding, Bruce L., to Smith Valve Corporation. Top entry metal-seated ball valve. 4,548,384, 10-22-85, Cl. 251-163.000.
- Harding, Delbert. Base plate bolt hole marker. 4,520,571, 6-4-85, Cl. 33-189.000.
- Harding, Geoffrey; and Klotz, Erhard, to U.S. Philips Corporation. Device for reducing faults in layer images of a three-dimensional object formed by means of penetrating radiation. 4,516,261, 5-7-85, Cl. 382-6.000.
- Harding, Henry W. Pool skimmer. 4,518,495, 5-21-85, Cl. 210-169.000.
- Harding, James H., to General Electric Company. Method for making plastic articles from resin. 4,540,541, 9-10-85, Cl. 264-328.200.
- Harding, John C., Jr., to General Eastern Instruments Corporation. Controlled power converter for thermoelectric heat pump drive. 4,554,793, 11-26-85, Cl. 62-126.000.
- Harding, John D.: *See—*
  - Levin, Paul D.; and Harding, John D., 4,517,978, Cl. 128-314.000.
- Harding, LeRoy A., to Plastofilm Industries, Inc. Locking means for display package. 4,512,474, 4-23-85, Cl. 206-461.000.
- Harding, Malcolm E.: *See—*
  - Goodfellow, Robert C.; and Harding, Malcolm E., 4,542,511, Cl. 372-46.000.
- Harding, Margot J.; Gaines, Robert C.; and Gess, Jerome M., to Weyerhaeuser Company. Method for preparation of cationic cellulose. 4,505,775, 3-19-85, Cl. 162-9.000.
- Harding, Philip A.; and Schupak, Leonard, to Weltec Digital, Inc. Precision alignment system for information storage devices. 4,499,510, 2-12-85, Cl. 360-77.000.
- Harding, Robert A.: *See—*
  - Olinger, Dean E.; and Harding, Robert A., 4,557,406, Cl. 222-564.000.
- Hardinge Brothers, Inc.: *See—*
  - Brown, Ivan R.; Bjorck, Paul M.; and Eaton, Brian M., 4,506,569, Cl. 82-2.00R.
  - Waldron, Joseph P.; and Brown, Ivan R., 4,524,655, Cl. 82-36.00A.
- Hardison, John C. Liquid aerator. 4,539,110, 9-3-85, Cl. 210-150.000.

Hardman, Harley F.; and Beach, Ronald I., to Standard Oil Company, The. Preparation of alcohols from synthesis gas. 4,540,713, 9-10-85, Cl. 518-713.000.

Hardman, Harley F.: *See*—
  Grasselli, Robert K.; and Hardman, Harley F., 4,503,001, Cl. 260-465.300.

Hardouin, Pierre: *See*—
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Hardt, Peter: *See*—
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Hardwick, Geoffrey J.: *See*—
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Hardwick, Roy, to Explosive Fabricators, Inc. Method of fabricating a bi-metal tube. 4,518,111, 5-21-85, Cl. 228-107.000.

Hardy, Arthur L. Wingless aircraft with ducted variable pitch airfoils. 4,498,645, 2-12-85, Cl. 244-12.600.

Hardy, Brian E.; and Sealey, Harold D., to Electro-Magic, Inc. Heat exchanger and method of making same. 4,557,323, 12-10-85, Cl. 165-163.000.

Hardy Bros (Alnwick) Ltd.: *See*—
  Humble, Raymond, 4,553,714, Cl. 242-84.10R.

Hardy, Carl D. Curved-body maneuverable snow board. 4,533,150, 8-6-85, Cl. 280-12.00H.

Hardy, Donald P., Jr. Apparatus for filling a lined, semibulk container. 4,519,426, 5-28-85, Cl. 141-5.000.

Hardy, Doralyn A., personal representative: *See*—
  Schramm, Arthur G., deceased; Hardy, Doralyn A., personal representative; and Shaffer, Jack C., 4,510,010, Cl. 156-383.000.

Hardy, Frederick E.; Kitko, David J.; and Cambre, Cushman M., to Procter & Gamble Company, The. Bleach compositions comprising non-linear aliphatic peroxycarboxylic acid precursors. 4,536,314, 8-20-85, Cl. 252-102.000.

Hardy, George W.; Lowe, Lawrence A.; and Smith, Terence W., to Burroughs Wellcome Co. Pharmaceutical peptides, preparation, use and intermediates. 4,540,682, 9-10-85, Cl. 514-18.000.

Hardy, George W.: *See*—
  Wilkinson, Samuel; and Hardy, George W., 4,504,492, Cl. 514-522.000.

Hardy, Georjes: *See*—
  Jeanrat, Roger G.; Martin, Pierre M.; and Hardy, Georjes, 4,524,680, Cl. 99-277.100.

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Hardy, James E.: *See*—
  Dean, Anthony M.; DeGregoria, Anthony J.; Hardy, James E.; Hurst, Boyd E.; and Lyon, Richard K., 4,507,269, Cl. 423-235.000.

Hardy, James H.; and Roberson, James E. Method and apparatus for applying chemicals to weed and plants. 4,553,350, 11-19-85, Cl. 47-1.500.

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Hardy, Peter D.: *See*—
  Ashley, Robert J.; Bardhan, Nabendu; Hardy, Peter D.; and Jeffs, Keith D., 4,553,971, Cl. 604-415.000.

Hardy, Raymond D. Testing tool for studs and the like. 4,494,412, 1-22-85, Cl. 73-761.000.

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Hardy, Richard: *See*—
  Caldwell, Allan L.; Hardy, Richard; and Neumann, Frank D., 4,542,866, Cl. 244-45.00A.

Hardy, Robert M.; and Premerlani, William J., to General Electric Company. Apparatus and method to protect motors and to protect motor life. 4,525,763, 6-25-85, Cl. 361-24.000.

Hardy, Terence: *See*—
  Litchfield, Leon G.; and Hardy, Terence, 4,525,966, Cl. 52-397.000.

Hardy, Thomas G., Jr.; Kaganov, Alan L.; and Pace, W. G., to American Cyanamid Company, a part interest. Anastomotic device. 4,552,148, 11-12-85, Cl. 128-334.00C.

Hardy, Thomas R.: *See*—
  Laiewski, Stanislaus J.; Hessen, Thomas A.; Hardy, Thomas R.; and Gilvin, Allie F., 4,552,600, Cl. 156-73.100.

Hardy, Wayne R. Telephone answering system. 4,527,013, 7-2-85, Cl. 179-27.0FH.

Hare, Bruce L., to Hare, Bruce L., Jr. Apparatus for measuring the shoulder of a drill pipe joint. 4,517,745, 5-21-85, Cl. 33-169.00B.

Hare, Bruce L., Jr.: *See*—
  Hare, Bruce L., 4,517,745, Cl. 33-169.00B.

Hare, Charles E. Body and frame straightening system. 4,510,790, 4-16-85, Cl. 72-457.000.

Hare, Harold L.; and Bell, John M., to Safe-T-Frezz, Inc. Refrigeration system alarm device. 4,502,287, 3-5-85, Cl. 62-126.000.

Hare, James W., to Du Pont de Nemours, E. I., and Company. Process for steam-conditioning spin-oriented polyamide filaments. 4,539,170, 9-3-85, Cl. 264-176.00F.

Harel, Zahal: *See*—
  Melamed, Avraham; and Harel, Zahal, 4,519,218, Cl. 62-271.000.

Hareng, Michel; and Moutou, Paul, to Thomson-CSF. Thermoelectrically controlled electrochromatic visualization device. 4,500,878, 2-19-85, Cl. 340-713.000.

Hareng, Michel; Hehlen, Robert; Marcenac, Philippe; Le Berre, Serge; Leclerc, Pierre; and Perbet, Jean-Noel, to Thomson-CSF. Thermo-electric effect display device. 4,525,708, 6-25-85, Cl. 340-713.000.

Hareng, Michel; Perbet, Jean-Noel; and Defrance, Michel, to Thomson-CSF. Electrically controlled display device. 4,525,709, 6-25-85, Cl. 340-719.000.

Hareng, Michel; Perbet, Jean-Noel; and Graciet, Michel, to Thomson-CSF. Electrically controlled display using a thick layer, non-linear element and its production process. 4,535,327, 8-13-85, Cl. 340-719.000.

Hareng, Michel: *See*—
  Le Berre, Serge; and Hareng, Michel, 4,499,458, Cl. 340-713.000.

Harer, Helmut: *See*—
  Ahner, Peter; Harer, Helmut; and Schustek, Siegfried, 4,500,772, Cl. 219-209.000.
  Beisse, Achim; Harer, Helmut; Mohr, Adolf; and Schustek, Siegfried, 4,556,809, Cl. 310-114.000.

Hares, George B.: *See*—
  Araujo, Roger J.; Hares, George B.; Kerko, David J.; Morgan, David W.; and Morse, David L., 4,549,894, Cl. 65-30.110.
  Borrelli, Nicholas F.; Hares, George B.; Smith, Dennis W.; and Wedding, Brent M., 4,537,612, Cl. 65-30.110.

Hareyama, Kyuichi; Shiraki, Kenji; and Ryu, Kazuo, to Nippon Electric Co., Ltd. Digital to analog converter. 4,503,421, 3-5-85, Cl. 340-347.0DA.

Hareyama, Kyuichi, to Nippon Electric Co., Ltd. Comparator circuit. 4,535,257, 8-13-85, Cl. 307-362.000.

Hareyama, Satoshi: *See*—
  Kawanishi, Toshio; and Hareyama, Satoshi, 4,540,617, Cl. 428-137.000.

Harford, Eugene W.: *See*—
  Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.

Hargassner, Reinhard; Nugent, Thomas J.; Scheinecker, Alois; and Engel, Kurt, to Voest-Alpine International Corporation. Continuous casting plant. 4,532,981, 8-6-85, Cl. 164-483.000.

Hargassner, Reinhard: *See*—
  Scheinecker, Alois; Stulik, Jiri; and Hargassner, Reinhard, 4,529,031, Cl. 164-478.000.
  Thone, Heinrich; Hargassner, Reinhard; Deibl, Gottfried; and Holleis, Gunter, 4,516,622, Cl. 164-416.000.

Hargenrader, Richard J.; and Miller, James A., to Ingersoll-Rand Company. Carriage feed system. 4,503,917, 3-12-85, Cl. 173-147.000.

Harger, Mark A., to RCA Corporation. Tuning control system for a pair of tuners employing a common channel skip memory. 4,539,711, 9-3-85, Cl. 455-166.000.

Hargest, Thomas S., III. Patient evacuation system from a multistory structure. 4,556,123, 12-3-85, Cl. 182-36.000.

Hargis, Duane C., to Ethyl Corporation. Production of aldehydes and ketones. 4,562,296, 12-31-85, Cl. 568-388.000.

Hargis, Ivan G.: *See*—
  Bingham, Robert E.; Durst, Richard R.; Fabris, Hubert J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,503,204, Cl. 526-187.000.
  Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,497,748, Cl. 260-665.00R.
  Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., 4,553,578, Cl. 152-209.00R.

Hargis, Larry N., to Carrier Corporation. Method and apparatus for prolonging sleeve bearing life in a multiple speed rotational device. 4,501,534, 2-26-85, Cl. 417-572.000.

Hargrave, Franklin: *See*—
  Middleton, Francisco A.; Das, Santanu; and Hargrave, Franklin, 4,528,424, Cl. 179-17.00A.

Hargrave, Fred M., Jr. Plastic lid flipper. 4,549,521, 10-29-85, Cl. 124-5.000.

Hargrave, Malcolm. Leaflet dispenser. 4,492,307, 1-8-85, Cl. 206-449.000.

Hargreaves, Brian; Lancaster, Robert A.; McKenzie, Noel C.; and Crabtree, John D., to T&N Materials Research Limited. Flexible, asbestos-free gasket material. 4,529,653, 7-16-85, Cl. 428-450.000.

Hargreaves, Brian: *See*—
  Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, 4,529,662, Cl. 428-450.000.
  Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, 4,529,663, Cl. 428-450.000.

Hargreaves, John E., to Cranston Machinery Company, Inc. Cargo hook. 4,530,535, 7-23-85, Cl. 294-82.240.

Hargreaves, Rodney B.; and McLoughlin, Bernard J., to Imperial Chemical Industries PLC. 1,3,4-thiadiazines. 4,493,835, 1-15-85, Cl. 424-246.000.

Hargreaves, Rodney B., to Imperial Chemical Industries PLC. Pyridazin-3-one derivatives. 4,508,721, 4-2-85, Cl. 514-252.000.

Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., to Imperial Chemical Industries PLC. 1,3,4-thiadiazin-2-ones. 4,558,045, 12-10-85, Cl. 514-222.000.

Hargreaves, Rodney B.: *See*—
  Brown, David; Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,495,185, Cl. 514-242.000.

  Brown, David; Dowell, Robert I.; Hargreaves, Rodney B.; and Main, Brian G., 4,503,054, Cl. 514-242.000.
Hargrove, Douglas L. Voltage wand. 4,504,781, 3-12-85, Cl. 324-72.500.
Hargrove, William W.: *See—*
  Akers, Michael J.; Hargrove, William W.; Harris, Dale C.; and Sperry, Charles R., 4,534,758, Cl. 604-85.000.
Harguindey, Julian E., to UOP Inc. Wire mesh well screen with welded wire support. 4,494,603, 1-22-85, Cl. 166-231.000.
Hargunani, Ashok B.; and Chou, Clifford C., to Ford Motor Company. Method of impact testing motor vehicles. 4,524,603, 6-25-85, Cl. 73-12.000.
Haried, John C. Programmable air recirculator/mixer for a fabric dryer. 4,549,362, 10-29-85, Cl. 34-31.000.
Harig, Fred L. Independently moveable external rear view mirrors with connected frame mounts. 4,504,118, 3-12-85, Cl. 350-626.000.
Harigae, Makoto: *See—*
  Fujinuma, Makoto; Futatsudera, Masaomi; and Harigae, Makoto, 4,491,763, Cl. 313-405.000.
Harigae, Shunji: *See—*
  Satoh, Isao; Yoshida, Tomio; Harigae, Shunji; and Koishi, Kenji, 4,523,304, Cl. 369-32.000.
Harigane, Kotaro; Tando, Shuichi; Takahashi, Kenichi; and Shudo, Hirokazu, to TDK Corporation. Apparatus for mounting chip type circuit elements on printed circuit boards. 4,520,557, 6-4-85, Cl. 29-740.000.
Harigaya, Isamu: *See—*
  Akiyama, Yoshinori; Nishimura, Shinichi; and Harigaya, Isamu, 4,516,811, Cl. 308-3.00R.
Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, to Canon Kabushiki Kaisha. Photographic operation control circuit for camera. 4,496,227, 1-29-85, Cl. 354-289.120.
Harigaya, Isao, to Canon Kabushiki Kaisha. Counting device for information recording-reproducing device. 4,499,587, 2-12-85, Cl. 377-18.000.
Hariharan, Peruvamba R., to Magnavox Government and Industrial Electronics Company. Switched capacitor circuit with minimized switched capacitance. 4,543,546, 9-24-85, Cl. 333-173.000.
Harikae, Nobuyuki: *See—*
  Tezuka, Shichigoro; Sato, Yoshinori; Shibata, Masaki; and Harikae, Nobuyuki, 4,514,423, Cl. 426-3.000.
Harima Chemicals, Inc.: *See—*
  Nishi, Yasutaka; Hamada, Masao; Ishikawa, Yoshihide; and Inoue, Setsuo, 4,544,608, Cl. 428-498.000.
Harima, Hiroshi: *See—*
  Horiguchi, Satoru; and Harima, Hiroshi, 4,561,103, Cl. 382-1.000.
  Kimura, Toshihiro; Takasaki, Kazuhiro; Harima, Hiroshi; and Yoshioka, Yoshihiro, 4,532,298, Cl. 525-96.000.
Haring, Manfred, to Mannesmann Aktiengesellschaft. Fluidtight pipe joint. 4,501,443, 2-26-85, Cl. 285-328.000.
Harita, Yoshiyuki: *See—*
  Hosaka, Yoshihiro; Kamoshida, Yoichi; Harita, Yoshiyuki; and Harada, Kunihiro, 4,499,171, Cl. 430-192.000.
Harjar, Martin J., to Nordson Corporation. Apparatus for locking the wrist links of a work robot in the same respective relative positions to facilitate calibration of the wrist link position transducers thereof. 4,552,502, 11-12-85, Cl. 414-680.000.
Harjunmaa, Hannu, to Labsystems Oy. Method for the measurement of the difference in the optical properties dependent on the light direction of two samples. 4,555,178, 11-26-85, Cl. 356-339.000.
Harke, Elwood W.; Sokolowski, Robert C.; and Johnson, Russell L., to Kimberly-Clark Corporation. Method of making agglomerated cellulosic particles using a substantially horizontal rotating drum. 4,560,527, 12-24-85, Cl. 264-500.000.
Harker, Wesley H.: *See—*
  Funk, David B.; Kallmeyer, James D.; and Harker, Wesley H., 4,496,907, Cl. 324-445.000.
Harkins, Desira, and MuAddi, Farid. Needle breaking and storage device. 4,553,687, 11-19-85, Cl. 225-93.000.
Harklau, Lanny L.: *See—*
  Tait, William C.; and Harklau, Lanny L., 4,555,291, Cl. 156-250.000.
Harkless, Lloyd B.; McCracken, William L.; and Colosimo, Joseph A., to Honeywell Inc. Apparatus for selectively viewing either of two scenes of interest. 4,527,055, 7-2-85, Cl. 250-234.000.
Harkness, Allan C.: *See—*
  Tinker, Lawrence A.; and Harkness, Allan C., 4,520,084, Cl. 429-101.000.
Harkness, John C., to Sperry Corporation. Direct current inrush limiting circuit. 4,494,064, 1-15-85, Cl. 323-277.000.
Harkness, John C.: *See—*
  Church, Nathan L.; Cribb, W. Raymond; and Harkness, John C., 4,551,187, Cl. 148-411.000.
Harkness, Scott A.: *See—*
  Sheldon, Samuel B.; Leach, Jack L.; and Harkness, Scott A., 4,502,728, Cl. 297-284.000.
Harlamert, W. Benjamin: *See—*
  Grimes, Richard V.; Harlamert, W. Benjamin; and Thompson, David F., 4,524,499, Cl. 29-156.80B.
Harlan, Burton C. Portable hoist. 4,556,358, 12-3-85, Cl. 414-550.000.
Harlan, Dale. Combine planter implement. 4,525,988, 7-2-85, Cl. 56-16.800.
Harlan, Wayne E.; and Marsh, James C., Jr., to RCA Corporation. Television receiver with manual and selectively disabled automatic picture control. 4,511,921, 4-16-85, Cl. 358-161.000.
Harlan, Wayne E., to RCA Corporation. Non-linear dynamic coring circuit for video signals. 4,536,796, 8-20-85, Cl. 358-166.000.
Harlan, Wayne E.: *See—*
  Lagoni, William A.; and Harlan, Wayne E., 4,509,080, Cl. 358-166.000.
Harland, Gary D.; and Brownell, Dean B., to Sprague Electric Company. Method for cutting and separating green ceramic capacitor bodies. 4,517,144, 5-14-85, Cl. 264-28.000.
Harle, Anton, to Harle, Anton. Variable aspiration draining instrument. 4,504,266, 3-12-85, Cl. 604-118.000.
Harle, Christopher N., to Norde Suspensions Limited. Load supporting beams. 4,506,908, 3-26-85, Cl. 280-677.000.
Harle, Hans G., to Siemens Aktiengesellschaft. CMI decoder. 4,556,868, 12-3-85, Cl. 340-347.0DD.
Harley-Davidson Motor Co., Inc.: *See—*
  Anklam, Bruno; Koenneker, Reinhard; and Mezger, Hans, 4,556,034, Cl. 123-470.000.
  Konneker, Reinhard, 4,550,698, Cl. 123-195.0AC.
  Mezger, Hans; and Konneker, Reinhard, 4,523,555, Cl. 123-193.00C.
  Mezger, Hans; Konneker, Reinhard; and Kelm, Joachim, 4,527,517, Cl. 123-41.470.
  Mezger, Hans, 4,530,315, Cl. 123-41.740.
  Mezger, Hans, 4,532,897, Cl. 123-196.00R.
  Mezger, Hans; and Konneker, Reinhard, 4,553,509, Cl. 123-90.270.
Harlos, Hartmut: *See—*
  Matthies, Karl H.; and Harlos, Hartmut, 4,511,853, Cl. 330-259.000.
Harlow, Norman R., to Carlisle Corporation. Manufacture of low density sintered polytetrafluoroethylene insulated cable. 4,529,564, 7-16-85, Cl. 264-127.000.
Harm, William H.: *See—*
  Amiot, Bruce P.; Fuller, Larry E.; Martinez, Felix J.; Cosentino, Louis C.; Harm, William H.; and Nelson, Wayne I., 4,517,081, Cl. 210-85.000.
Harman, Geoffrey E.: *See—*
  Moore, Alan; Harman, Geoffrey E.; Rosser, David G.; and Clapham, Edward F., 4,546,604, Cl. 60-39.093.
Harman International Industries Incorporated: *See—*
  House, William N., 4,497,981, Cl. 179-115.5PS.
  House, William N., 4,554,414, Cl. 179-115.5PS.
Harman, Maurice: *See—*
  Cross, Henry F.; and Harman, Maurice, 4,561,385, Cl. 122-4.00D.
Harman, R. Keith; and Younge, Dale R., to Senstar Security Systems Corp. Intrusion detector. 4,562,428, 12-31-85, Cl. 340-552.000.
Harman, Stephen G., to Northern Telecom Limited. Signal cuber. 4,513,250, 4-23-85, Cl. 328-163.000.
Harmand, Michel, to Societe Anonyme Automobiles Citroen; and Societe Anonyme Automobiles Peugeot. Vehicle seat. 4,500,130, 2-19-85, Cl. 296-65.00R.
Harmatzy-Simon, Bela; Schroder, Peter; Buchel, Peter A., deceased; and by Buchel nee Diekmann, Helga, legal representative. Liquid food dispenser. 4,491,249, 1-1-85, Cl. 222-325.000.
Harmer, Alan L.: *See—*
  Puyane, Ramon; Gonzalez-Oliver, Carlos J. R.; and Harmer, Alan L., 4,495,297, Cl. 501-12.000.
Harmetz, Ronald: *See—*
  Petrocine, David V.; and Harmetz, Ronald, 4,507,518, Cl. 585-610.000.
Harmeyer, Michael. Telephone to stereo amplifier interface coupling. 4,491,694, 1-1-85, Cl. 179-100.00L.
Harmon, Albert D.: *See—*
  Koella, Ernest, III; and Harmon, Albert D., 4,543,778, Cl. 57-303.000.
Harmon, Barry J.: *See—*
  Danelson, Terry L.; and Harmon, Barry J., 4,545,471, Cl. 192-67.00R.
Harmon, Bobby R., to Halliburton Company. Use of certain materials as thinners in oil based drilling fluids. 4,502,963, 3-5-85, Cl. 252-8.50P.
Harmon, Calvin, III: *See—*
  Stelzer, Gary J.; and Harmon, Calvin, III, 4,505,984, Cl. 428-424.700.
Harmon, Elred R.: *See—*
  Seaquist, James J.; and Harmon, Elred R., 4,552,424, Cl. 339-32.00R.
Harmon, Kermit S., Jr. Temperature control systems with programmed dead-band ramp and drift features. 4,557,317, 12-10-85, Cl. 165-2.000.
Harmon, Larry R.; Reiche, John C.; Bowles, Howard R.; and Chiu, Norman H., to General Electric Company. Start circuit for microwave oven. 4,533,810, 8-6-85, Cl. 219-10.55B.
Harmon, Lavon A.: *See—*
  Krummacher, Martin W.; Harmon, Lavon A.; and Clipfell, Perry E., 4,559,870, Cl. 100-215.000.
Harmon, Raymond E.; and Poe, Lloyd R., to Hartwell Corporation. Stand-off fastener. 4,502,193, 3-5-85, Cl. 24-621.000.
Harmon, William A., Jr.: *See—*
  Van Doorn, Donald W.; Hawkins, James B.; Webb, Tommy W.; and Harmon, William A., Jr., 4,497,085, Cl. 19-80.00R.
Harmon, Zita T. K.; and Dechow, Frederick J., to Dow Chemical Company, The. Separating whey components into high purity products by ion exchange. 4,543,261, 9-24-85, Cl. 426-271.000.
Harmony, Daniel C.: *See—*
  Minney, Stephen C.; and Harmony, Daniel C., 4,529,859, Cl. 219-10.810.
Harms, Engelbert G., to Uniroyal Englebert Reifen GmbH. Screw extruder. 4,538,917, 9-3-85, Cl. 366-75.000.

Harms, Engelbert G.; Schmeitz, Axel W.; and Thomaschewski, Hubertus P., to Uniroyal Englebert Reifen GmbH. Method of treating unvulcanized elastomeric objects. 4,551,362, 11-5-85, Cl. 427-180.000.

Harms, Harold B.: *See—*

Erdman, David M.; and Harms, Harold B., 4,532,459, Cl. 318-138.000.

Harms, Heye: *See—*

Kleinschmidt, Lothar; Wallroth, Carl F.; and Harms, Heye, 4,542,740, Cl. 128-204.210.

Harms, John F.; and Harms, John F., II, to Harmsco, Inc. Single cartridge filter. 4,561,979, 12-31-85, Cl. 210-438.000.

Harms, John F., II, to Harmsco, Inc. End connected filter cartridges. 4,559,138, 12-17-85, Cl. 210-316.000.

Harms, John F., II: *See—*

Harms, John F.; and Harms, John F., II, 4,561,979, Cl. 210-438.000.

Harms, Margret; Bruns, Angelika; Luthje, Holger; and Matthiessen, Bernd, to U.S. Philips Corporation. Mask for the formation of patterns in lacquer layers by means of X-ray lithography and method of manufacturing same. 4,555,460, 11-26-85, Cl. 430-5.000.

Harms, Orville L., to Timpte Industries, Inc. Apparatus and method for locking doors. 4,500,123, 2-19-85, Cl. 292-259.00A.

Harms, Weldon M.: *See—*

Weaver, Jimmie D.; Harris, Lawrence E.; and Harms, Weldon M., 4,532,052, Cl. 252-8.55R.

Harms, Wolfgang; Kuth, Robert; and Wunderlich, Klaus, to Bayer Aktiengesellschaft. Halogenotriazinyl dyestuffs. 4,503,224, 3-5-85, Cl. 544-187.000.

Harmsco, Inc.: *See—*

Harms, John F.; and Harms, John F., II, 4,561,979, Cl. 210-438.000.

Harms, John F., II, 4,559,138, Cl. 210-316.000.

Harmsen, Jan H., to N.V. Nederlandsche Apparatenfabriek Nedap. Feeding box. 4,559,904, 12-24-85, Cl. 119-51.00R.

Harmuth, Henning F., to Geophysical Survey Systems, Inc., a part interest. Frequency independent shielded loop antenna. 4,506,267, 3-19-85, Cl. 343-744.000.

Harnden, John D., Jr.; and Kornrumpf, William P., to General Electric Company. LCD hook-on digital ammeter. 4,559,496, 12-17-85, Cl. 324-127.000.

Harnden, John D., Jr.: *See—*

Alley, Robert P.; Harnden, John D., Jr.; and Kornrumpf, William P., 4,561,314, Cl. 73-862.690.

Rocha, Henry A. F.; and Harnden, John D., Jr., 4,546,658, Cl. 73-862.590.

Harney, Marilyn J.; Vauss, Elvin M., Jr.; and Sane, Ajit Y., to Eltech Systems Corporation. Titanium and titanium hydride reticulates and method for making. 4,517,069, 5-14-85, Cl. 204-290.00F.

Harnisch, Horst: *See—*

Arndt, Frank; Claussen, Uwe; Harnisch, Horst; and Schellhammer, Carl-Wolfgang, 4,526,705, Cl. 252-301.320.

Claussen, Uwe; and Harnisch, Horst, 4,544,496, Cl. 252-301.350.

Harnischfeger Corporation: *See—*

Baker, Dale A., 4,545,128, Cl. 33-203.000.

Gattu, Narahari; and Terranova, Joseph C., III, 4,496,062, Cl. 212-189.000.

Luebke, Roger D., 4,538,954, Cl. 414-633.000.

Reiff, Donald P., 4,523,887, Cl. 414-664.000.

Wadsworth, Charles; and Juergens, Dieter, 4,540,097, Cl. 212-196.000.

Wadsworth, Charles L., 4,529,094, Cl. 212-255.000.

Wieschel, John E., 4,529,066, Cl. 187-86.000.

Harnish, James R., to Borg-Warner Corporation. Quick recovery heat pump water heater. 4,498,622, 2-12-85, Cl. 236-25.00R.

Harnish, James R., to Borg-Warner Corporation. Heat pump water heater with supplemental heat supply. 4,517,807, 5-21-85, Cl. 62-156.000.

Harnish, James R., to Borg-Warner Corporation. Batch-type water heating apparatus. 4,558,818, 12-17-85, Cl. 236-25.00R.

Harnoncourt, Karl: *See—*

Marsoner, Hermann; Harnoncourt, Karl; and List, Helmut, 4,501,296, Cl. 137-625.410.

Harp, James J., to Resource Ventures, Inc. Apparatus and method for tipping cargo containers. 4,496,275, 1-29-85, Cl. 414-420.000.

Harpel, William L.; and Pilny, Richard J., to Betz Laboratories, Inc. Paint spray booth detackification composition and method. 4,504,395, 3-12-85, Cl. 210-712.000.

Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., to Allied Corporation. Composite containing polyolefin fiber and polyolefin polymer matrix. 4,501,856, 2-26-85, Cl. 525-240.000.

Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., to Allied Corporation. Composite containing coated extended chain polyolefin fibers. 4,543,286, 9-24-85, Cl. 428-288.000

Harpell, Gary A.: *See—*

Birkmaier, Albert A.; Harpell, Gary A.; Kurtz, Bruce E.; Patel, Gordhanbhai N.; Poncha, Rustom P.; Skovrinski, Adam L.; and Lesco, James M., 4,505,786, Cl. 204-38.400.

Harper, Barrie S., to Chubb & Son's Lock & Safe Company Limited. Cylinder locks. 4,530,222, 7-23-85, Cl. 70-364.00R.

Harper, David C.: *See—*

Temple, Russell A.; Wesseler, Martin G.; Harper, David C.; Eiland, Harry F.; and Tellkamp, Robert G., 4,523,837, Cl. 355-51.000.

Harper, James M. E.: *See—*

Cuomo, Jerome J.; Harper, James M. E.; Kaufman, Harold R.; and Speidell, James L., 4,523,971, Cl. 156-345.000.

Cuomo, Jerome J.; Harper, James M. E.; and Waters, Gary A., 4,538,067, Cl. 250-396.00R.

Harper, Michael J. K.; Richardson, Dora N.; and Walpole, Arthur L., deceased, to Imperial Chemical Industries PLC. Alkene derivatives. 4,536,516, 8-20-85, Cl. 514-514.000.

Harper, Robert J., Jr., to United States of America, Agriculture. Process to impart smooth-dry and flame retardant properties to cellulosic fabric. 4,536,422, 8-20-85, Cl. 427-381.000.

Harper, Truck, Inc.: *See—*

Ast, Dale A., 4,494,626, Cl. 182-20.000.

Harper, William P., to Rogers Corporation. Full travel keyboard. 4,515,999, 5-7-85, Cl. 200-5.00A.

Harper-Wyman Company: *See—*

Dunavin, Timothy E.; and Scarantino, Michael A., 4,545,689, Cl. 374-1.000.

Stohrer, Charles E., Jr., 4,553,523, Cl. 126-9.00B.

Harr, Jerome D., to International Business Machines Corporation. Integrated circuit filter with adjustable characteristics. 4,513,254, 4-23-85, Cl. 330-294.000.

Harr, Jerome D.; and Hense, Karl R., to International Business Machines Corporation. Recording channel with signal controlled integrated analog circuits. 4,535,371, 8-13-85, Cl. 360-67.000.

Harra, David J., to Varian Associates, Inc. Apparatus for thermal treatment of semiconductor wafers by gas conduction incorporating peripheral gas inlet. 4,512,391, 4-23-85, Cl. 165-48.00R.

Harradine, Brian D.: *See—*

Yates, Andrew W.; Harradine, Brian D.; and Wraith, Michael A., 4,533,627, Cl. 430-567.000.

Harrar, Jackson E.: *See—*

McGuire, Raymond R.; Coon, Clifford L.; Harrar, Jackson E.; and Pearson, Richard K., 4,525,252, Cl. 204-101.000.

Harrell, Bob G., to News Vend 1, Inc. Vending machine for edge engaging and dispensing single article. 4,527,711, 7-9-85, Cl. 221-244.000.

Harrell, Bobby E.: *See—*

Dawson, Raymond L.; Dodd, Clayton; Harrell, Bobby E.; and Lee, Grady E., 4,553,438, Cl. 73-830.000.

Harrell, Bruce W. Detachable shoe-pocket system. 4,507,882, 4-2-85, Cl. 36-136.000.

Harrell, Bruce W. Multi-purpose detachable pocket system. 4,536,975, 8-27-85, Cl. 36-136.000.

Harrell, Edward R.: *See—*

Millet, George H.; Harrell, Edward R.; and Wright, Charles D., 4,560,723, Cl. 524-486.000.

Harrell, John C. Bucket conveyor assembly. 4,493,413, 1-15-85, Cl. 198-708.000.

Harrell, William C.: *See—*

Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., 4,536,205, Cl. 65-135.000.

Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., 4,544,396, Cl. 65-178.000.

Harrelson, Gary A.: *See—*

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Harreus, Albrecht: *See—*

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Harri, Kurt, to Gebruder Zehnder A.G. Circuit assembly for charging an accumulation battery with pulsating direct current. 4,494,062, 1-15-85, Cl. 320-40.000.

Harriett, Todd D., to American Colloid Company. Uninhibited bentonite composition. 4,534,925, 8-13-85, Cl. 264-281.000.

Harriett, Todd D., to American Colloid Company. Uninhibited bentonite composition. 4,534,926, 8-13-85, Cl. 264-281.000.

Harrigan, David J.: *See—*

Dodds, Robert E.; and Harrigan, David J., 4,515,827, Cl. 427-68.000.

Harrigan, Marvin, to Marvco Tool & Mfg. Inc. Adjustable telescopic support. 4,520,981, 6-4-85, Cl. 248-413.000.

Harriger, George A. Hydraulic drive system for bicycles and the like. 4,546,990, 10-15-85, Cl. 280-216.000.

Harrill, Roy L.; and Odom, James T., to Avco Corporation. Priority circuit for a multiplexer terminal. 4,533,994, 8-6-85, Cl. 364-200.000.

Harriman, Robert W., to Keene Corporation. Radiation resistant closure. 4,525,595, 6-25-85, Cl. 174-35.0GC.

Harriman, Ronald M. Solenoid operated exhaust air damper. 4,557,185, 12-10-85, Cl. 98-116.000.

Harrington, Daniel L., to J. I. Case Company. Thermally-responsive muffler drainhole valve mechanism. 4,527,659, 7-9-85, Cl. 181-244.000.

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David, Gary L.; and Harrington, David W., 4,540,086, Cl. 198-536.000.

Harrington, Edward R.: *See—*

Uffner, William E.; White, Robert N.; and Harrington, Edward R., 4,537,921, Cl. 524-59.000.

Harrington, James A.; Pastor, Antonio C.; Standlee, Arlie G.; and Turk, Roger R., to Hughes Aircraft Company. Fabrication of single crystal fibers from congruently melting polycrystalline fibers. 4,532,000, 7-30-85, Cl. 156-620.000.

Harrington, James V.: *See—*

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Harrington, John A., to Minnesota Mining and Manufacturing Company. Apparatus for producing a code word. 4,509,194, 4-2-85, Cl. 382-56.000.

Harrington, Kent W.; Stevens, John L.; and Thorpe, Merle L., to TAFA Incorporated. Metal spray. 4,492,337, 1-8-85, Cl. 239-81.000.

- Harrington, Richard F.; Dagiel, Richard T.; and Brown, Villy, to Aetna Bearing Company. Self adjusting thrust, low angular contact bearing. 4,555,007, 11-26-85, Cl. 192-98.000.
- Harrington, Richard H. Flying disc with weighted outer ring. 4,503,635, 3-12-85, Cl. 446-46.000.
- Harrington, Richard J.: *See—*
  - Thompson, David L.; Roline, Glenn M.; and Harrington, Richard J., 4,520,825, Cl. 128-422.000.
- Harrington, Robert E. Waste line trap. 4,555,818, 12-3-85, Cl. 4-191.000.
- Harrington, Robert J.: *See—*
  - Buzard, Paul F.; and Harrington, Robert J., 4,498,198, Cl. 375-91.000.
- Harrington, Timothy C.; and Horsley, John K., to Molins PLC. Ledger for cut-off devices in cigarette machines. 4,534,252, 8-13-85, Cl. 83-310.000.
- Harrington Tool Company: *See—*
  - Abrahamson, Thomas C., 4,505,386, Cl. 206-315.110.
- Harrington, Vincent E.: *See—*
  - Grube, Kenneth E.; Harrington, Vincent E.; and Harrington, James V., 4,540,467, Cl. 162-4.000.
- Harrington, William A., to Hughes Aircraft Company. Orientation detection system for thin-line towed sonar arrays. 4,521,875, 6-4-85, Cl. 367-130.000.
- Harris, Alfred W., to Boeing Company, The. Hinge structure with controlled translation of hinge axis. 4,524,485, 6-25-85, Cl. 16-364.000.
- Harris, Alfred W., to Boeing Company, The. Preloaded latch. 4,538,843, 9-3-85, Cl. 292-113.000.
- Harris, Alton C.: *See—*
  - James, Benny R., 4,555,841, Cl. 29-468.000.
- Harris, Carl N. Athletic timer. 4,526,479, 7-2-85, Cl. 368-284.000.
- Harris, Clifford J.; and Barraclough, Paul. 2,4-diazabicyclo[3.3.0]octane-3,7-diones. 4,537,972, 8-27-85, Cl. 548-302.000.
- Harris Corporation: *See—*
  - Abend, Robert J.; and Shelton, C. Byron, Jr., 4,549,338, Cl. 29-569.00L.
  - Beasom, James D., 4,495,694, Cl. 29-571.000.
  - Beasom, James D., 4,532,003, Cl. 156-648.000.
  - Beasom, James D., 4,546,539, Cl. 29-577.00C.
  - Bostrom, Mark W., 4,561,687, Cl. 294-64.100.
  - Carl, Robert H., Jr.; Koontz, Floyd; and Pedtke, Daniel F., 4,502,025, Cl. 333-24.00R.
  - Chan, Luen C.; Beckwith, Paul B.; and Pearce, Jeffrey B., 4,520,506, Cl. 382-56.000.
  - Cohen, Paul; and Young, William R., 4,514,802, Cl. 364-200.000.
  - Conn, James K.; and Patel, Sharadchandra D., 4,504,806, Cl. 333-241.000.
  - Davis, Robert C., 4,545,054, Cl. 371-43.000.
  - Delman, Dennis J., 4,513,440, Cl. 382-30.000.
  - DiStefano, Ralph D.; and Moldovan, Nicholas, 4,511,438, Cl. 204-4.000.
  - Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., 4,551,829, Cl. 370-3.000.
  - Dufour, Charles H.; and Newman, Jonathan G., 4,520,454, Cl. 364-900.000.
  - Duke, Billy M., 4,546,871, Cl. 198-425.000.
  - Gimpelson, George E.; and Russo, Cheryl L., 4,515,652, Cl. 156-643.000.
  - Hakoopian, Hakop M., 4,544,981, Cl. 361-93.000.
  - Hershberger, David L., 4,504,966, Cl. 381-15.000.
  - Hershberger, David L., 4,520,498, Cl. 381-16.000.
  - Hwan, Eugene J.; and Kajfez, Darko, 4,521,746, Cl. 331-96.000.
  - Kasten, Alan J., 4,536,231, Cl. 148-33.100.
  - Laude, David P., 4,495,537, Cl. 361-98.000.
  - Luecke, James R., 4,518,922, Cl. 329-50.000.
  - McCarty, Chris, 4,553,315, Cl. 29-571.000.
  - McGann, William E., 4,506,383, Cl. 455-17.000.
  - Meza, Peter J., 4,524,246, Cl. 179-18.0FA.
  - Meza, Peter J.; and de la Plaza, Alex, 4,532,481, Cl. 330-288.000.
  - Miaskoff, Leonard, 4,536,119, Cl. 414-100.000.
  - Mimken, Frederick, 4,558,453, Cl. 375-1.000.
  - Morais, Douglas H., 4,528,656, Cl. 370-30.000.
  - Motiwala, M. Arif; and Sutherland, Jack L., 4,511,862, Cl. 332-16.00R.
  - Nichols, Richard E.; and Delaruelle, Dale H., 4,553,723, Cl. 246-167.00R.
  - Pan, Jing-Jong, 4,511,813, Cl. 307-501.000.
  - Pan, Jing-Jong; and Wilson, John B., 4,525,680, Cl. 330-277.000.
  - Patel, Vipin N., 4,560,422, Cl. 148-33.000.
  - Ports, Kenneth A., 4,529,314, Cl. 356-375.000.
  - Prentice, John S.; and Cotreau, Gerald M., 4,560,948, Cl. 330-282.000.
  - Riffe, Josephus; and Rice, Richard, 4,502,111, Cl. 364-200.000.
  - Rutledge, David L.; and Fisher, Barbara J., 4,503,387, Cl. 324-73.00R.
  - Shackle, Peter W.; and Pospisil, Robert S., 4,528,461, Cl. 307-252.00L.
  - Shackle, Peter W.; and Pospisil, Robert S., 4,528,462, Cl. 307-252.00L.
  - Short, John P.; McLachlan, Craig J.; Messmer, Charles; and Reinecke, Paul S., 4,554,059, Cl. 204-129.300.
  - Stoverock, Paul H., 4,495,547, Cl. 361-400.000.
  - Swanson, Hilmer I., 4,510,456, Cl. 330-10.000.
  - Talbot, Robert D., 4,555,805, Cl. 455-26.000.
  - Thomson, David W.; and Trimble, Donald E., 4,499,435, Cl. 331-44.000.
  - Thornton, Max C., Jr.; Kuntz, Paul; Meyer, Russell L.; and Rosier, Kenneth M., 4,528,504, Cl. 324-158.00F.
  - VanVonno, N. W., 4,510,518, Cl. 357-49.000.
  - White, Charles M.; and Cosgrove, William J., 4,499,488, Cl. 358-51.000.
  - Young, Lock R., 4,492,938, Cl. 333-111.000.
  - Young, William R.; and Parisoe, Leon F., 4,559,608, Cl. 364-786.000.
- Harris, Craig W.; Jevons, Lyle O., Jr.; and Loskorn, Richard A., to Burroughs Corporation. Line support processor for data transfer system. 4,494,194, 1-15-85, Cl. 364-200.000.
- Harris, Cynthia J. Composite cytologic counterstain formulation. 4,550,016, 10-29-85, Cl. 424-3.000.
- Harris, Dale C.: *See—*
  - Akers, Michael J.; Hargrove, William W.; Harris, Dale C.; and Sperry, Charles R., 4,534,758, Cl. 604-85.000.
- Harris, David; and Hays, Alan, to Black & Decker Inc. Assembling brush box sub-assemblies in electric motors. 4,498,230, 2-12-85, Cl. 29-597.000.
- Harris, David H.: *See—*
  - Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,557,869, Cl. 260-349.000.
  - Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,559,175, Cl. 260-349.000.
  - Steuer, Robert R.; and Harris, David H., 4,504,263, Cl. 604-65.000.
- Harris, David J.; and Vinn, Charles L., to Raytheon Company. Digital-to-analog converter. 4,492,954, 1-8-85, Cl. 340-347.0DA.
- Harris, David J., to Raytheon Company. Comparator circuit. 4,506,176, 3-19-85, Cl. 307-557.000.
- Harris, David L., to Tektronix, Inc. Mount for millimeter wave application. 4,544,902, 10-1-85, Cl. 333-250.000.
- Harris, David L.; and Taylor, Colin, to Foundry Automation, Inc. Foundry apparatus for mixing sand with binder. 4,560,281, 12-24-85, Cl. 366-15.000.
- Harris, David W. Pool table rail-mirror. 4,531,732, 7-30-85, Cl. 273-14.000.
- Harris, Derek W., to Sodastream Limited. Liquid aerating apparatus. 4,518,541, 5-21-85, Cl. 261-27.000.
- Harris, Dewey F.: *See—*
  - Iversen, Ralph; and Harris, Dewey F., 4,540,230, Cl. 339-89.00M.
- Harris, Dewey L., to General Electric Company. Dual load control circuit. 4,528,456, 7-9-85, Cl. 307-31.000.
- Harris, Donald L., to Cordis Corporation. Implantable manually actuated medication dispensing system. 4,548,607, 10-22-85, Cl. 604-891.000.
- Harris, Donald L., to Cordis Corporation. Fill port for an implantable dispensing system. 4,557,722, 12-10-85, Cl. 604-9.000.
- Harris, Dwight E., to Rotron Incorporated. Pressure relief valve. 4,542,768, 9-24-85, Cl. 137-856.000.
- Harris, Elbert E.; and Thorsett, Eugene D., to Merck & Co., Inc. Substituted caprolactam derivatives as antihypertensives. 4,520,021, 5-28-85, Cl. 514-212.000.
- Harris, Eugene G., to National Distillers and Chemical Corporation. Process for the production of macrocyclic esters and lactones utilizing double metal salt catalysts. 4,499,288, 2-12-85, Cl. 549-266.000.
- Harris, Eugene G., to National Distillers and Chemical Corporation. Cyclohexane derivatives in fragrance compositions. 4,504,412, 3-12-85, Cl. 252-522.00R.
- Harris, Eugene G.; and Fayter, Richard G., Jr., to National Distillers and Chemical Corporation. Dihydrofurans. 4,515,978, 5-7-85, Cl. 549-484.000.
- Harris, Eugene G., to National Distillers and Chemical Corporation. Process for the production of fragrance quality ethylene glycol monoaryl ethers. 4,533,759, 8-6-85, Cl. 568-648.000.
- Harris, Eugene G., to National Distillers and Chemical Corporation. Furan derivatives useful as aroma compounds. 4,536,349, 8-20-85, Cl. 252-522.00R.
- Harris, Eugene G.: *See—*
  - Fayter, Richard G., Jr.; and Harris, Eugene G., 4,522,749, Cl. 252-522.00R.
- Harris, Frances T.: *See—*
  - Harris, Garrett R.; and Harris, Frances T., 4,496,058, Cl. 211-86.000.
- Harris, Garrett R.; and Harris, Frances T. Shopping organizer. 4,496,058, 1-29-85, Cl. 211-86.000.
- Harris, Gary R.; and Oda, Ronald L., to Conoco Inc. Two section deep sump solids slurry recovery system. 4,543,018, 9-24-85, Cl. 406-102.000.
- Harris, George E., to RCA Corporation. Apparatus for thermoforming dome-shaped actuating elements for membrane switches. 4,533,555, 8-6-85, Cl. 425-384.000.
- Harris, Gerald R. Band saw apparatus and method. 4,558,614, 12-17-85, Cl. 83-56.000.
- Harris, Gerald R.: *See—*
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- Harris Graphics Corporation: *See—*
  - Brovman, Yakov Z., 4,534,288, Cl. 101-211.000.
  - Campbell, Roscoe, 4,556,208, Cl. 270-52.000.
  - Chandhoke, Mohanjit S.; and Duke, Michael, 4,541,763, Cl. 414-45.000.
  - Convey, Frank H., Jr., 4,498,381, Cl. 100-100.000.

Dessert, Robert A.; Gaspar, Richard A., Laubach, Richard T.; Punater, Dinesh G.; and Barrera, Ralph E., 4,495,582, Cl. 364-469.000.

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Gaspar, Richard A., 4,536,176, Cl. 493-365.000.

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Punater, Dinesh G.; and Bastian, Donald G., 4,514,819, Cl. 364-556.000.

Ruetschle, Rudolph H.; and Raker, John W., 4,499,834, Cl. 112-2.000.

Schriber, Louis; Stephens, Robert E.; and Blaha, John F., 4,512,256, Cl. 101-248.000.

Wamsley, Richard D.; and Polman, David J., 4,498,663, Cl. 270-54.000.

Wise, James C., 4,538,511, Cl. 100-7.000.

Harris, Harold D.; and Harris, Thomas J. Friction heat generator. 4,524,755, 6-25-85, Cl. 126-247.000.

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Creek, Ronald B.; Harden, Charles T.; and Harris, Harold H., 4,515,747, Cl. 376-249.000.

Harris, Harry A., to Ash Grove Cement Company. Cementitious composition. 4,494,990, 1-22-85, Cl. 106-90.000.

Harris, Hubert; and Smith, Durward A., to Auburn Research Foundation. Methods and apparatus for thermal blast peeling, skinning, or shelling of food products. 4,524,681, 6-25-85, Cl. 99-474.000.

Harris, Ivor R., to National Research Development Corporation. Biased power feed device having means to reduce bias during adjustment. 4,528,881, 7-16-85, Cl. 83-419.000.

Harris, James E.; and Robeson, Lloyd M., to Union Carbide Corporation. Composition useful for making circuit board substrates and electrical connectors. 4,520,067, 5-28-85, Cl. 428-323.000.

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Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., 4,544,396, Cl. 65-178.000.

Rimsa, Stephen B.; Harris, James E.; Chao, Herbert S.; and Maresca, Louis M., 4,550,140, Cl. 525-132.000.

Robeson, Lloyd M.; Harris, James E.; and Maresca, Louis M., 4,497,924, Cl. 524-151.000.

Harris, Jesse R., to Phillips Petroleum Company. Coated diffusion membrane and its use. 4,536,196, 8-20-85, Cl. 55-16.000.

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Harris, Joan; and Michel, Thomas J., to Harris, Joan. Oral medicament lollipop. 4,551,329, 11-5-85, Cl. 424-22.000.

Harris, John D.; and Evans, Mervyn, to National Research Development Corporation. Apparatus for external fixation of bone fractures. 4,502,473, 3-5-85, Cl. 128-92.00A.

Harris, Jonathan H.; Tenhover, Michael A.; Grasselli, Robert K.; and Ward, Michael D., to Standard Oil Company (Ohio), The. Electrolysis of halide-containing solutions with platinum based amorphous metal alloy anodes. 4,560,454, 12-24-85, Cl. 204-128.000.

Harris, Kenneth M., to Lucas Industries Public Limited Company. Fuel pumping apparatus. 4,543,914, 10-1-85, Cl. 123-41.310.

Harris, Kenneth M.: *See—*

Kriz, Miroslav; and Harris, Kenneth M., 4,535,641, Cl. 74-53.000.

Harris, Lawrence E.: *See—*

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Harris, Leonard C.: *See—*

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Harris-Marinoni S.A.: *See—*

Odeau, Michel, 4,549,728, Cl. 270-46.000.

Harris, Marion K. Single acting steam engine. 4,539,894, 9-10-85, Cl. 92-138.000.

Harris, Martin, to Shell Oil Company. Insecticidal 3-formyl-2-nitromethylene-2H-1,3-thiazine. 4,501,742, 2-26-85, Cl. 514-226.000.

Harris, Martin, to Shell Oil Company. Pesticidal nitromethane derivatives. 4,503,222, 3-5-85, Cl. 544-54.000.

Harris, Martin, to Shell Oil Company. Pesticidal nitromethylene derivatives. 4,521,536, 6-4-85, Cl. 514-226.000.

Harris, Martin, to Shell Oil Company. Insecticidal N-substituted-2-(nitromethylene)-tetrahydro-2H-1,3-thiazines. 4,525,474, 6-25-85, Cl. 514-226.000.

Harris, Martin, to Shell Oil Company. Pesticidal nitromethylene derivatives. 4,529,726, 7-16-85, Cl. 514-226.000.

Harris, Martin, to Shell Oil Company. Process for preparing insecticidal N-acyl-tetrahydro-2-nitromethylene-2H-1,3-thiazines. 4,531,002, 7-23-85, Cl. 544-54.000.

Harris, Michael D., to Perkin-Elmer Corporation, The. Three axis angle sensor. 4,560,272, 12-24-85, Cl. 356-138.000.

Harris, Michael J.; and Livingston, Kenneth N. Reel brake apparatus. 4,494,710, 1-22-85, Cl. 242-156.000.

Harris, Nancy T.; and Harris, Leonard C., to Mead Johnson & Company. Adaptable tip tubing connector. 4,511,163, 4-16-85, Cl. 285-177.000.

Harris, Norman; Dennis, Alan J.; and Harrison, George E., to Davy McKee (London) Limited. Production of butane-1,4-diol. 4,503,275, 3-5-85, Cl. 568-866.000.

Harris, Olen R.: *See—*

Harris, Jimmy G.; and Harris, Olen R., 4,527,696, Cl. 211-86.000.

Harris, Peter; and Yoell, Richard W., to Lever Brothers Company. Process preparation of soluble protein and use. 4,528,203, 7-9-85, Cl. 426-555.000.

Harris, Philip H., to Texas Industries, Inc. Co-production of cementitious products. 4,508,573, 4-2-85, Cl. 106-100.000.

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Harris, Richard J., Jr., to Spy Mirrors, Inc. Mirror and mounting device. 4,549,790, 10-29-85, Cl. 350-624.000.

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Twomey, James R.; McCutcheon, Hugh W.; and Harris, Richard K., 4,517,842, Cl. 73-701.000.

Harris, Robert A.: *See—*

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Harris, Robert D., Jr.; Parker, James P.; and King, Charles L., to Akzona Incorporated. Method for making bicomponent fibers. 4,552,603, 11-12-85, Cl. 156-167.000.

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Harris, Robert L.: *See—*

DeLoach, John R.; Harris, Robert L.; Mayer, Richard T.; and Ihler, Garret M., 4,517,080, Cl. 210-85.000.

Harris, Robert N.; and McGuire, Michael E., to Ericsson, Inc. Tandem stripping and reversing apparatus. 4,508,278, 4-2-85, Cl. 242-1.000.

Harris, Robert S., to Stant Inc. Fuel system tester and primer. 4,497,290, 2-5-85, Cl. 123-179.00G.

Harris, Robert S., to Stant Inc. Fuel-water separator. 4,497,714, 2-5-85, Cl. 210-788.000.

Harris, Robert S., to Stant Inc. Pressure valve assembly for a fuel tank filler neck cap. 4,498,493, 2-12-85, Cl. 137-469.000.

Harris, Robert W., to Gould Inc. Enhanced delta modulation encoder. 4,509,037, 4-2-85, Cl. 340-347.0AD.

Harris, Robert W., to Gould Inc. Telemetry system with signal booster for digital data transmission through a transmission line. 4,553,247, 11-12-85, Cl. 375-4.000.

Harris, Ronald R.; and Saunders, Herbert M., to Owens-Corning Fiberglas Corporation. Method of and apparatus for applying a laminated pressure-sensitive adhesive strip construction to a flexible sheet. 4,491,498, 1-1-85, Cl. 156-497.000.

Harris, Ronald R., to Kemfast Textiles, Inc. Stretchable knitted article with printed design. 4,499,741, 2-19-85, Cl. 66-171.000.

Harris, Stephen J.; McKervey, M. Anthony; Melody, David P., Woods, John; and Rooney, John M., to Loctite Limited. Instant adhesive composition utilizing calixarene accelerators. 4,556,700, 12-3-85, Cl. 526-209.000.

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Harrison, Bobby J.; and Ashurkoff, Peter, to General Motors Corporation. Oil filter and cap. 4,509,567, 4-9-85, Cl. 141-97.000.
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  - Digh, Frank, 4,520,989, Cl. 249-13.000.
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  - Fay, William A., III, 4,549,671, Cl. 220-344.000.
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  - Johnson, C. Donald, 4,548,229, Cl. 137-270.000.
  - Kulp, Jonathan P., 4,557,367, Cl. 198-313.000.
  - Walker, Eugene P., 4,520,988, Cl. 249-13.000.
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  - Utts, Bradley K.; and Wimer, Oley D., 4,533,489, Cl. 252-301.170.
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- Harshbarger, John H., to Visual Information Institute, Inc. Interlace detector. 4,509,079, 4-2-85, Cl. 358-165.000.
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Hartl, Carroll P., to Oscar Mayer Foods Corporation. Method and apparatus for loading and unloading package-forming machine. 4,509,311, 4-9-85, Cl. 53-202.000.

Hartl, Walter: *See—*

Brettschneider, Horst; and Hartl, Walter, 4,499,592, Cl. 378-121.000.

Hartl, Werner, to Roller Bearing Company of America. Hub mounting device. 4,537,526, 8-27-85, Cl. 403-370.000.

Hartlage, Jurgen, to H. Wohlenberg KG GmbH & Co. Three-knife cutting machine. 4,505,173, 3-19-85, Cl. 83-112.000.

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Hartlaub, Jerome T., to Medtronic, Inc. Waveform morphology discriminator and method. 4,552,154, 11-12-85, Cl. 128-702.000.

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McDonald, Ray S.; Thompson, David L.; Rossing, Martin A.; and Hartlaub, Jerome T., 4,515,159, Cl. 128-419.0PG.

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Saul, Ben; and Hartley, Doug, 4,517,556, Cl. 340-528.000.

Hartley, E. Dale, to Product Research And Development. Liquid dispensing system and automatic selector therefor. 4,493,435, 1-15-85, Cl. 222-52.000.

Hartley, James T.: *See—*

Moulin, Norbert L.; and Hartley, James T., 4,558,501, Cl. 29-271.000.

Hartley, Joseph H., to United States of America, Army. Evanescent resonator frequency multiplier. 4,527,137, 7-2-85, Cl. 333-137.000.

Hartley, Michael D.: *See—*

Sticher, Charles K., Jr.; and Hartley, Michael D., 4,547,657, Cl. 219-492.000.

Hartlieb, Dieter, to Audi NSU Auto Union Aktiengesellschaft. Automatic plant for stacking sheet metal pressings. 4,527,936, 7-9-85, Cl. 414-47.000.

Hartman, Cedric. Lamp and support therefor. 4,527,225, 7-2-85, Cl. 362-294.000.

Hartman, Clyde H. Two-piece drill chuck wrench. 4,532,834, 8-6-85, Cl. 81-16.000.

Hartman, George D.; and Phillips, Brian T., to Merck & Co., Inc. Substituted and bridged pyridines useful as calcium channel blockers. 4,532,237, 7-30-85, Cl. 514-226.000.

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van Baardewijk, Johannes; Bohlmeyer, Nicolaas; and Hartman, Johan E. A., 4,545,050, Cl. 370-62.000.

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Hartman, Kathy J.; and Shu, Winston R., to Mobil Oil Corporation. Thermal recovery method for optimum in-situ visbreaking of heavy oil. 4,503,911, 3-12-85, Cl. 166-272.000.

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Hartman, Kenneth T., to Frito-Lay, Inc. Process for preparing baked goods with improved flavor and flavor chip texture. 4,514,430, 4-30-85, Cl. 426-549.000.

Hartman, Marvis E.: *See—*

Dowbenko, Rostyslaw; Stewart, Raymond S.; Hartman, Marvis E.; Gorman, Barbara; and Thomas, Stephen J., 4,499,150, Cl. 428-447.000.

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Freedman, Melvin S.; and Hartman, Paul H., 4,543,139, Cl. 156-152.000.

Hartman, Richard B., to Minnesota Mining and Manufacturing Company. Flexible tape having bridges of electrically conductive particles extending across its pressure-sensitive adhesive layer. 4,548,862, 10-22-85, Cl. 428-323.000.

Hartman, Robert J.: *See—*

Reichel, Curtis J.; and Hartman, Robert J., 4,550,194, Cl. 560-200.000.

Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, to AT&T Bell Laboratories. Stripe-guide TJS laser. 4,504,952, 3-12-85, Cl. 372-45.000.

Hartman, Robert L.; Koszi, Louis A.; Williams, Richard S.; and Zilko, John L., to AT&T Bell Laboratories. Method of improving current confinement in semiconductor lasers by inert ion bombardment. 4,523,961, 6-18-85, Cl. 148-1.500.

Hartman, Robert L.: *See—*

Anthony, Philip J.; Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, 4,539,743, Cl. 29-576.00B.

Hartman, Susan E.; Allen, Michael E.; and Pascoe, William E., to Eastman Kodak Company. Cycloalkylsulfonates, polymers and processes relating to same. 4,506,094, 3-19-85, Cl. 560-118.000.

Hartman, William L.; O'Brien, David A.; and Taylor, Thomas H., to Procter & Gamble Company, The. Hypochlorite bleach containing surfactant and organic antifoamant. 4,552,680, 11-12-85, Cl. 252-102.000.

Hartmann, Achim; and Thumm, Hans, to Kronos Titan, GmbH. Process for the production of nearly aluminium chloride-free titanium tetrachloride from titaniferous raw materials containing aluminum compounds. 4,521,384, 6-4-85, Cl. 423-72.000.

Hartmann, Achim, to Kronos Titan, GmbH. Process for the separation of volatile chlorine compounds from the exhaust gases resulting from the chlorination of titanium-containing raw materials. 4,533,530, 8-6-85, Cl. 423-240.000.

Hartmann, Albert; Wacker, Oskar; Baschang, Gerhard; and Tarcsay, Lajos, to Ciba-Geigy Corporation. Muramyl peptides and processes for their manufacture. 4,548,923, 10-22-85, Cl. 514-8.000.

Hartmann & Braun AG: *See—*

Fabinski, Walter; and Deptolla, Udo, 4,496,840, Cl. 250-343.000.

Hartmann, Clinton S., to R F Monolithics, Inc. Transversely weighted surface acoustic wave device. 4,491,757, 1-1-85, Cl. 310-313.00B.

Hartmann, Clinton S., to R F Monolithics, Inc. Surface wave device with oversampled withdrawal weighting. 4,491,758, 1-1-85, Cl. 310-313.00C.

Hartmann, Eduard, to Bucher-Guyer AG. Press drainage. 4,516,490, 5-14-85, Cl. 100-107.000.

Hartmann, Eduard: *See—*

Fechner, Wolf D.; Polster, Rudolf; Kranz, Joachim; and Hartmann, Eduard, 4,523,958, Cl. 106-288.00Q.

Hartmann, Georg: *See—*

Dittner, Adam; and Hartmann, Georg, 4,543,505, Cl. 310-102.00R.

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Brandenstein, Manfred; Haas, Roland; and Hartmann, Hein, 4,560,051, Cl. 192-98.000.

Hartmann, Heinrich: *See—*

Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Jurgen, 4,525,581, Cl. 528-503.000.

Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Juergen, 4,532,320, Cl. 528-498.000.

Denzinger, Walter; Hartmann, Heinrich; Trieselt, Wolfgang; Mueller, Richard; Diessel, Paul; and Hettche, Albert, 4,559,159, Cl. 252-174.240.

Schneider, Kurt; Heide, Wilfried; Hartmann, Juergen; and Hartmann, Heinrich, 4,520,210, Cl. 560-222.000.

Hartmann, Horst: *See—*

Bott, Kaspar; Kaibel, Gerd; Hartmann, Horst; Irnich, Rudolf; and Buelow, Horst, 4,551,208, Cl. 203-60.000.

Horn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, 4,522,743, Cl. 252-311.000.

Hartmann, James R., to Skil Corporation. Combination jig saw adjusting mechanism. 4,545,123, 10-8-85, Cl. 30-393.000.

Hartmann, Joseph C. Exercising machine. 4,555,109, 11-26-85, Cl. 272-73.000.

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Hartmann, Klaus: *See—*

Pross, Wilhelm; Barry, Jurgen; Muhlbock, Franz; and Hartmann, Klaus, 4,492,462, Cl. 356-39.000.

Hartmann, Kurt: *See—*

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Schulze, Eckehart, 4,541,241, Cl. 60-414.000.

Hartmann, Ludwig; Ruzek, Ivo; and Locher, Engelbert, to Carl Freudenberg, Firma. Method for manufacturing polypropylene spunbonded fabrics with low draping coefficient. 4,496,508, 1-29-85, Cl. 264-167.000.

Hartmann, Michel, to Entreprise Hartmann Pere et Fils. Tunnel oven and wagon. 4,504,221, 3-12-85, Cl. 432-137.000.

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Hartmann, Peter, to BBC Brown, Boveri & Company, Limited. Method and system for synchronizing the coding and decoding during the transmission of digital coded data. 4,553,251, 11-12-85, Cl. 375-114.000.

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Hartmann, Waldemar: *See—*

Ritschel, Peter; Freudenreich, Herbert; and Hartmann, Waldemar, 4,549,915, Cl. 156-78.000.

Hartmann, Werner. Valve seal assembly. 4,506,864, 3-26-85, Cl. 251-174.000.

Hartmann, Werner: *See—*

Ahrweiler, Karl-Heinz; Anstotz, Helmut; and Hartmann, Werner, 4,534,829, Cl. 162-361.000.

Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, 4,558,621, Cl. 83-834.000.

Hartmann, Willy: *See—*

Heine, Hans-Georg; and Hartmann, Willy, 4,529,813, Cl. 560-123.000.

Hartmann, Wolfgang: *See—*

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Hartmannsgruber, Max; Kriechbaum, Kurt; Schulz, Gunter; and Guttler, Hermann, to Zinser Textilmaschinen GmbH. Method of controlling fiber-drawing apparatus. 4,512,061, 4-23-85, Cl. 19-239.000.

Hartmetz, Gerald J., II. Apparatus for electrically stimulating an animal carcass. 4,495,676, 1-29-85, Cl. 17-25.000.

Hartner, Hartmut, to Merck Patent Gesellschaft mit beschrankter Haftung. Process for the preparation of [2,2]-paracyclophane. 4,532,369, 7-30-85, Cl. 585-428.000.

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Merrem, Hans-Joachim; Neisius, Karl-Heinz; Klug, Rudolf; and Hartner, Hartmut, 4,539,288, Cl. 430-325.000.

Reiff, Friedrich; Hartner, Hartmut; Basedow, Arno; Hugenbusch, Hans-Wolfgang; Schmidt, Peter C.; and Bardonner, Hans, 4,507,511, Cl. 568-852.000.

Hartness International, Inc.: *See—*

Hartness, Thomas S.; and Hartness, Thomas P., 4,513,878, Cl. 221-40.000.

Hartness, Thomas P.: *See—*

Hartness, Thomas S.; and Hartness, Thomas P., 4,493,599, Cl. 414-120.000.

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Hartness, Thomas S.; and Hartness, Thomas P., 4,545,173, Cl. 53-48.000.

Hartness, Thomas S.; and Hartness, Thomas P. Article depalletizer. 4,493,599, 1-15-85, Cl. 414-120.000.

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Hartog, Jan J.; Bellin, Jack L.; Knollman, Gilbert C.; and Jonath, Arthur D., to Lockheed Corporation. Adhesive bond integrity evaluation method. 4,538,462, 9-3-85, Cl. 73-577.000.

Hartry, Donald R.; and Belli, Remo D., to Remo, Inc. Apparatus and method for mounting a head on a musical instrument and a method of drum construction. 4,549,462, 10-29-85, Cl. 84-413.000.

Hartshorn, Kevin, to Ingersoll-Rand Company. Plate-type valve, and an improved valve seat and a valve seat assembly therefor. 4,531,541, 7-30-85, Cl. 137-514.000.

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Hartsock, Dale L., to Ford Motor Company. Ceramic head for internal combustion engine. 4,508,066, 4-2-85, Cl. 123-41.710.

Hartsock, Dale L., to Ford Motor Company. Method and apparatus for modifying the combustion chamber of an engine to accept ceramic liners. 4,524,498, 6-25-85, Cl. 29-156.4WL.

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Hartung, Herbert: *See—*

Billenstein, Siegfried; Hartung, Herbert; May, Adolf; and Bucking, Hans-Walter, 4,515,723, Cl. 260-404.500.

Hartung, Kuhn & Co. Maschinenfabrik GmbH: *See—*

Jung, Richard A., 4,529,483, Cl. 201-39.000.

Hartung, Michael H.; and Nolan, Kenneth P., to International Business Machines Corporation. Peripheral systems accommodation of guest operating systems. 4,533,996, 8-6-85, Cl. 364-200.000.

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Duke, Alan H.; Hartung, Michael H.; Marschner, Frederick J.; and Nolan, Kenneth P., 4,500,954, Cl. 364-200.000.

Hartwall, John, to Ky K. Hartwall KB. Fender holder. 4,526,124, 7-2-85, Cl. 114-219.000.

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DerMott, Raymond W.; and Hartwein, Kenneth J., 4,496,009, Cl. 175-4.520.

Hartwell Corporation: *See—*

Bourne, William R., 4,548,435, Cl. 292-229.000.

Harmon, Raymond E.; and Poe, Lloyd R., 4,502,193, Cl. 24-621.000.

Poe, L. Richard, 4,494,783, Cl. 292-155.000.

Poe, Lloyd R.; and Henrichs, Bernard W., 4,530,529, Cl. 292-113.000.

Hartwell, Gary. Fluoroscopic filtering. 4,499,591, 2-12-85, Cl. 378-062.000.

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Hartwig, Carl S. M.; and van Nederkassel, Ludovicus J., to Institut Cerac S.A. Compressor drive system. 4,492,526, 1-8-85, Cl. 417-45.000.

Hartwig, Carl S. M., to Institut Cerac S.A. Method of driving the impeller of a liquid pump by means of a brushless a.c. motor; and a liquid pump for carrying out the method. 4,511,312, 4-16-85, Cl. 417-45.000.

Hartwig, Carl S. M., to Institut Cerac S.A. Magnetizable core for accommodating electrical conductors in an electrical machine, and a method of manufacturing such a core. 4,546,282, 10-8-85, Cl. 310-218.000.

Hartwig, Carl S. M.; Ljung, Erik A.; and Obel, Erik M., to Institut Cerac S.A. Method and device for controlling a brushless alternating current motor. 4,550,282, 10-29-85, Cl. 318-808.000.

Hartwig, Jurgen, to Pfaff AG Haushaltsmaschinen. Device for controlling the drive of a stepping motor, to adjust the lateral stitch bight and/or the feed length of a sewing machine. 4,492,909, 1-8-85, Cl. 318-696.000.

Hartwig, Jurgen: *See—*

Hagen, Rainer; and Hartwig, Jurgen, 4,492,808, Cl. 568-916.000.

Meier, Gunter; Meier, Willi; and Hartwig, Jurgen, 4,499,836, Cl. 112-158.00E.

Hartwig, Michael M., to Engelhard Corporation. Platinum/silver vanadate catalyzed diesel exhaust particulate filter. 4,510,265, 4-9-85, Cl. 502-330.000.

Hartwig, Peter; Weppner, Werner; and Wichelhaus, Winfried, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Process for the production of thermodynamically stable solid ion conductor materials. 4,526,855, 7-2-85, Cl. 429-191.000.

Hartz, James F., to General Motors Corporation. Plate separator. 4,548,306, 10-22-85, Cl. 192-70.280.

Hartz Mountain Corporation, The: *See—*

Perlberg, William, 4,547,360, Cl. 424-45.000.

Hartz, Peter: *See—*

Ehrhardt, Heinz; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, 4,495,191, Cl. 514-383.000.

Hertenstein, Ulrich; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, 4,536,509, Cl. 514-383.000.

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Haerther, William W., and Hartz, T. Jayes, 4,540,879, Cl. 219-61.300.

Hartzell, David W.: *See—*

Young, James A.; and Hartzell, David W., 4,528,720, Cl. 17-50.000.

Hartzell, John C. Punch with removable blade. 4,494,426, 1-22-85, Cl. 83-164.000.

Haruch, James, to Spraying Systems Co. Rotary disc atomizer. 4,540,124, 9-10-85, Cl. 239-223.000.

Haruff, John J.: *See—*

Meacham, David D.; and Haruff, John J., 4,557,819, Cl. 204-298.000.

Haruhara, Kazuyoshi, to Casio Computer Co., Ltd. Printing apparatus with computer control of impressing a print setting mark on a recording sheet for realignment. 4,508,462, 4-2-85, Cl. 400-70.000.

Haruhisa, Tamura: *See—*

Yoshiyuki, Takada; and Haruhisa, Tamura, 4,556,773, Cl. 219-10.55C.

Harui, Norio; and Souquet, Jacques, to Advanced Technology Laboratories, Inc. Transesophageal echo cardiography scanhead. 4,543,960, 10-1-85, Cl. 128-660.000.

Haruki, Hiromu: *See—*

Fujisawa, Hakubun; Nishiura, Masaharu; Haruki, Hiromu; and Uchida, Yoshiyuki, 4,555,636, Cl. 250-578.000.

Haruki, Kazuhito; Kohno, Takeshi; and Nagase, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorter system for postal matter. 4,507,739, 3-26-85, Cl. 364-478.000.

Haruki, Kazuhito: *See—*
- Kohno, Takeshi; Haruki, Kazuhito; and Nagase, Yasuo, 4,503,977, Cl. 209-564.000.

Harumoto Iron Works Co., Ltd.: *See—*
- Daiguji, Hisashi; and Tanaka, Ikuo, 4,557,007, Cl. 14-22.000.

Haruna, Kazuo: *See—*
- Hayashi, Saburo; Tsuchiya, Hiroo; and Haruna, Kazuo, 4,529,412, Cl. 55-25.000.

Haruna, Tohru: *See—*
- Leistner, William E.; Minagawa, Motonobu; Nakahara, Yutaka; Haruna, Tohru; and Nishimura, Atsushi, 4,529,760, Cl. 524-102.000.

Haruna, Toshiyuki: *See—*
- Nishida, Hiroshi; and Haruna, Toshiyuki, 4,542,429, Cl. 360-103.000.

Haruta, Masahiro; and Hamamoto, Takashi, to Canon Kabushiki Kaisha. Material used to bear writing or printing. 4,496,629, 1-29-85, Cl. 428-341.000.

Haruta, Masahiro; Hamamoto, Takashi; and Toganoh, Shigeo, to Canon Kabushiki Kaisha. Method for recording by writing or printing with ink. 4,544,580, 10-1-85, Cl. 427-261.000.

Haruta, Masahiro: *See—*
- Kobayashi, Masatsune; Haruta, Masahiro; Eida, Tsuyoshi; and Ohta, Tokuya, 4,517,244, Cl. 428-342.000.

Haruta, Toshio: *See—*
- Ida, Hiroaki; Fujii, Masahiro; and Haruta, Toshio, 4,515,691, Cl. 210-274.000.

Harvell, John K.; and Franke, Milton L., to United States of America, Air Force. Multiple jet blowing around the blunt trailing edge of a circulation controlled airfoil. 4,555,079, 11-26-85, Cl. 244-207.000.

Harvest, Nils-Ole; and Melamed, Anna, to Danfoss A/S. Stabilizing circuit for an inverse rectifier motor control. 4,535,280, 8-13-85, Cl. 318-798.000.

Harvey, Barry; and Barry, Robert C., to Advanced Micro Devices, Inc. PROM trimmed digital-to-analog converter. 4,523,182, 6-11-85, Cl. 340-347.0DA.

Harvey, Barry, to Advanced Micro Devices, Inc. Semiconductor circuit alternately operative as a data latch and a logic gate. 4,528,465, 7-9-85, Cl. 307-454.000.

Harvey, Bruce J.; Laurent, Harold J.; and Pauwels, Michael A., to Allied Corporation. Fuel control system for actuating injection means for controlling small fuel flows. 4,530,332, 7-23-85, Cl. 123-481.000.

Harvey, Bruce J.: *See—*
- Pauwels, Michael A.; Wright, Danny O.; Harvey, Bruce J.; and Bauer, Thomas J., 4,512,317, Cl. 123-478.000.
- Pauwels, Michael A.; Wright, Danny O.; and Harvey, Bruce J., 4,556,943, Cl. 364-431.120.

Harvey, Donald M., to Eastman Kodak Company. Apparatus for transferring pre-recorded image signal information from one recording medium to a master recording medium. 4,506,304, 3-19-85, Cl. 360-14.300.

Harvey, Donald M., to Eastman Kodak Company. Exposure control mechanism. 4,515,457, 5-7-85, Cl. 354-443.000.

Harvey, Donald M., to Eastman Kodak Company. Energy-saving electronic flash apparatus. 4,540,265, 9-10-85, Cl. 354-417.000.

Harvey, Edgar L., to Burroughs Corporation. Self-scan gas discharge display panel. 4,510,417, 4-9-85, Cl. 313-585.000.

Harvey, Howard: *See—*
- Hill, Michael; Megaw, John H. P. C.; and Harvey, Howard, 4,514,613, Cl. 219-121.0EC.

Harvey Hubbell Incorporated: *See—*
- Barkas, Emanuel E., 4,544,219, Cl. 339-40.000.
- Fallon, David E., 4,514,005, Cl. 294-86.420.
- Himmelberger, John E.; and Scharf, James O., 4,539,739, Cl. 29-564.100.
- Konnik, Robert P., 4,496,795, Cl. 174-84.00R.
- Neuroth, David H., 4,532,374, Cl. 174-103.000.
- Neuroth, David H., 4,536,609, Cl. 174-11.00R.
- Quiogue, Honesto D., 4,507,719, Cl. 362-404.000.
- Quiogue, Honesto D., 4,543,007, Cl. 403-97.000.
- Quiogue, Honesto D., 4,547,841, Cl. 362-269.000.
- Quiogue, Honesto D.; and Lewin, Ian, 4,559,587, Cl. 362-147.000.

Harvey, Ian J.: *See—*
- Moore, John H.; and Harvey, Ian J., 4,523,563, Cl. 123-359.000.

Harvey, John D.; and Gindre, Andre V., to Goodyear Tire & Rubber Company, The. Crack resistant coating for masonry structures and process for applying same. 4,562,109, 12-31-85, Cl. 428-220.000.

Harvey, John M.: *See—*
- Simpson, William B., Jr.; Lundy, David F.; Parnell, R. L.; Snodgrass, Charles W.; Miller, Edward B.; and Harvey, John M., 4,528,035, Cl. 75-257.000.

Harvey, Kenneth; and Connors, Stephen T., to Colgate-Palmolive Company. Stable dentifrice containing neutral siliceous polishing agent. 4,526,778, 7-2-85, Cl. 424-52.000.

Harvey, Kenneth: *See—*
- Hayes, Harry; and Harvey, Kenneth, 4,518,578, Cl. 424-7.100.
- Hayes, Harry; and Harvey, Kenneth, 4,562,063, Cl. 424-49.000.
- Hayes, Harry; and Harvey, Kenneth, 4,562,065, Cl. 424-49.000.
- Hayes, Harry; and Harvey, Kenneth, 4,562,066, Cl. 424-52.000.
- Morton, Anthony J.; Harvey, Kenneth; and Hayes, Harry, 4,528,181, Cl. 424-52.000.

Harvey, Kenneth C. Tracking scooter and the like and method of operation. 4,555,122, 11-26-85, Cl. 280-87.04R.

Harvey, Marc. Rain cover for motorcyclist's legs. 4,509,213, 4-9-85, Cl. 2-22.000.

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- Galvin, Aaron A.; and Harvey, Roy L., 4,491,828, Cl. 340-525.000.
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- McLaughlin, Stephen J.; Harville, John D.; and Blair, Gary S., 4,527,914, Cl. 384-428.000.

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- Fujiwara, Kenichi; Sugi, Hikaru; and Hasada, Eiichi, 4,545,213, Cl. 6 R-158.000.

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- Kishi, Noriyuki; and Hasagawa, Shumpei, 4,494,512, Cl. 123-489.000.

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- Girsch, B. J. Maria; Girsch, Charles W.; and McCarthy, Thomas C., 4,508,512, Cl. 434-259.000.

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Toyoda, Yoshiaki; Wakimura, Kazuo; Hase, Tadaharu; and Arashiba, Nobumasa, 4,555,583, Cl. 568-473.000.

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Yaguchi, Masachika; Mikami, Tomoki; and Hase, Takashi, 4,551,397, Cl. 428-691.000.

Hase, Teizo: *See*—

Suzuki, Hiroshige; and Hase, Teizo, 4,517,305, Cl. 501-89.000.

Hase, Yoshifumi: *See*—

Nagumo, Shinichi; Toda, Yoshio; Nakajima, Yasuo; and Hase, Yoshifumi, 4,545,333, Cl. 123-41.020.

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Hayashi, Yasuhiro; Deguchi, Naoyasu; Yamagami, Hiroyuki; Goda, Kensuke; and Hasebe, Kazunori, 4,554,245, Cl. 430-567.000.

Hasebe, Koshi; Miura, Kunio; Ono, Takashi; Akutsu, Kazushi; and Minami, Kazuaki, to Nippondenso Co., Ltd. Vehicle-mounted navigator. 4,513,377, 4-23-85, Cl. 364-449.000.

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Kondo, Kiyohiro; Sugawara, Hiroshi; and Hasebe, Nobuyuki, 4,562,238, Cl. 528-18.000.

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Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, 4,503,830, Cl. 123-501.000.

Hasegawa, Akio; and Kojima, Hiroshige, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for the preparation of a plasminogen activator. 4,550,080, 10-29-85, Cl. 435-212.000.

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Inami, Mamoru; Ohtsuki, Zenju; Tanaka, Yoshiaki; Mori, Tomohiro; and Hasegawa, Akio, 4,553,179, Cl. 360-66.000.

Mori, Toshihito; Yoshizaki, Hideo; and Hasegawa, Akio, 4,505,893, Cl. 424-94.000.

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Mistretta, Charles A.; Peppler, Walter W.; Kudva, Balakrishna V.; Hasegawa, Bruce H.; and Dobbins, James T., III, 4,497,062, Cl. 378-158.000.

Hasegawa, Eiichi: *See*—

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,499,178, Cl. 430-495.000.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,500,889, Cl. 346-1.100.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,529,991, Cl. 346-76.00L.

Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.

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Matsushita, Yoh-ichi; Hasegawa, Etsuo; Eshima, Kiyoshi; and Tsuchida, Eishun, 4,530,794, Cl. 260-245.910.

Hasegawa, Hideo, to Nissan Motor Company, Limited. Shift lever for an automotive transmission. 4,492,129, 1-8-85, Cl. 74-473.00R.

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Hagyuda, Nobuyoshi; Hasegawa, Hiroshi; Iida, Yoshikazu; and Maida, Osamu, 4,519,683, Cl. 354-127.110.

Iida, Yoshikazu; Hagyuda, Nobuyoshi; and Hasegawa, Hiroshi, 4,523,830, Cl. 354-416.000.

Maida, Osamu; Hasegawa, Hiroshi; Hagyuda, Nobuyoshi; and Iida, Yoshikazu, 4,494,851, Cl. 354-421.000.

Hasegawa, Junji: *See*—

Hamada, Makoto; Hasegawa, Junji; and Oosaka, Kuniaki, 4,550,948, Cl. 296-202.000.

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Mimura, Nobuharu; Yoshida, Kazunori; Kawabata, Susumu; and Hasegawa, Junzo, 4,516,611, Cl. 139-452.000.

Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, 4,501,141, Cl. 73-146.000.

Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.

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Hasegawa, Katsuji; and Ibuki, Yasuhiro, to Meinan Machinery Works, Inc. Veneer lathe. 4,549,587, 10-29-85, Cl. 144-209.00R.

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Sakakihara, Masahiko; Hasegawa, Kenzi; and Iwama, Akira, 4,540,638, Cl. 428-693.000.

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Hasegawa, Kiyoharu: *See*—

Tsujimoto, Michihiro; Asano, Makoto; Hasegawa, Kiyoharu; and Akahori, Hiroyuki, 4,561,000, Cl. 346-208.000.

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Hasegawa, Makoto; Makimoto, Mitsuo; Yamashita, Sadahiko; and Katayama, Yoshio, to Matsushita Electric Industrial Co., Ltd. Voltage-controlled oscillator having three or more varactor diodes. 4,536,724, 8-20-85, Cl. 331-177.00V.

Hasegawa, Makoto; Ohnishi, Hiroshi; and Yamashita, Sadahiko, to Matsushita Electric Industrial Co., Ltd. Double superheterodyne tuner. 4,553,264, 11-12-85, Cl. 455-189.000.

Hasegawa, Masao. Creep phenomenon preventive device for automatic transmission gear type automobile. 4,503,733, 3-12-85, Cl. 74-865.000.

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Hasegawa, Masayuki, to Nihon Almit Kabushiki Kaisha. Soldering fluxes. 4,533,404, 8-6-85, Cl. 148-23.000.

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Hasegawa, Masumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotary compressor. 4,543,047, 9-24-85, Cl. 418-63.000.

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Suzuki, Masaki; and Hasegawa, Mikio, 4,545,021, Cl. 364-571.000.

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- Hasegawa, Ryusuke, to Allied Corporation. Iron-boron solid solution alloys having high saturation magnetization and low magnetostriction. 4,532,979, 8-6-85, Cl. 164-463.000.
- Hasegawa, Ryusuke: *See—*
  - Anderson, Philip M., III; Hasegawa, Ryusuke; and VonHoene, Robert M., 4,553,136, Cl. 340-572.000.
- Hasegawa, Sakuro: *See—*
  - Harada, Susumu; and Hasegawa, Sakuro, 4,504,640, Cl. 526-193.000.
- Hasegawa, Satoshi, to Nippon Electric Co., Ltd. Loop transmission system. 4,500,987, 2-19-85, Cl. 370-60.000.
- Hasegawa, Shigekazu; Okita, Naoki; and Machida, Satoshi, to Kubota, Ltd. Tractor with three-point linkage connecting scraper thereto and automatic tilt control. 4,535,847, 8-20-85, Cl. 172-2.000.
- Hasegawa, Shin-ich; Takano, Eiji; and Sekine, Masao, to Mitsubishi Nuclear Fuel Co., Ltd. Process for manufacturing uranium dioxide powder. 4,505,882, 3-19-85, Cl. 423-261.000.
- Hasegawa, Shinichi: *See—*
  - Kajita, Masaki; Nakaya, Tomio; Hasegawa, Shinichi; and Fujita, Hisanori, 4,510,515, Cl. 357-17.000.
- Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, to Honda Motor Co., Ltd. Idling rpm feedback control method for internal combustion engines. 4,491,107, 1-1-85, Cl. 123-339.000.
- Hasegawa, Shumpei; Koumura, Takashi; and Mieno, Toshiyuki, to Honda Motor Co., Ltd. Idling rpm feedback control method for internal combustion engines. 4,491,108, 1-1-85, Cl. 123-339.000.
- Hasegawa, Shumpei; and Yamato, Akihiro, to Honda Motor Co., Ltd. Device for intake air temperature-dependent correction of air/fuel ratio for internal combustion engines. 4,492,206, 1-8-85, Cl. 123-491.000.
- Hasegawa, Shumpei, to Honda Motor Co., Ltd. Method of controlling the fuel supply to an internal combustion engine at deceleration. 4,493,300, 1-15-85, Cl. 123-325.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Device for intake air temperature-dependent correction of air/fuel ratio for internal combustion engines. 4,495,925, 1-29-85, Cl. 123-480.000.
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- Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, to Honda Giken Kogyo Kabushiki Kaisha. Air/fuel ratio feedback control system adapted to obtain stable engine operation under particular engine operating conditions. 4,498,445, 2-12-85, Cl. 123-489.000.
- Hasegawa, Shumpei; and Yamato, Akihiro, to Honda Giken Kogyo Kabushiki Kaisha. Air/fuel ratio control method having fail-safe function for abnormalities in oxygen concentration detecting means for internal combustion engines. 4,502,443, 3-5-85, Cl. 123-440.000.
- Hasegawa, Shumpei; and Otobe, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Fuel supply control method for internal combustion engines under high load conditions. 4,503,829, 3-12-85, Cl. 123-492.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Feedback control system for supplying a fluid to an apparatus operable with the fluid. 4,503,834, 3-12-85, Cl. 123-589.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Idling rpm feedback control method for internal combustion engines. 4,506,641, 3-26-85, Cl. 123-339.000.
- Hasegawa, Shumpei; and Yamato, Akihiro, to Honda Giken Kogyo Kabushiki Kaisha; and Matsushita Electric Industrial Co., Ltd. Electronic fuel injection control system for multi-cylinder internal combustion engines. 4,508,083, 4-2-85, Cl. 123-491.000.
- Hasegawa, Shumpei; and Kishi, Noriyuki, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling fuel supply to an internal combustion engine after termination of fuel cut. 4,508,088, 4-2-85, Cl. 123-493.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Method and device for back pressure-dependent correction of air/fuel ratio for internal combustion engines. 4,509,485, 4-9-85, Cl. 123-440.000.
- Hasegawa, Shumpei; Otobe, Yutaka; Kishi, Noriyuki; and Koumura, Takashi, to Honda Giken Kogyo Kabushiki Kaisha. Fuel supply control method for an internal combustion engine, adapted to improve operational stability, etc., of the engine during operation in particular operating conditions. 4,509,489, 4-9-85, Cl. 123-489.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling fuel supply to internal combustion engines at acceleration in cold conditions. 4,513,722, 4-30-85, Cl. 123-492.000.
- Hasegawa, Shumpei; and Otobe, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Method for detecting opening of a throttle valve in a fully closed position in an internal combustion engine. 4,515,009, 5-7-85, Cl. 73-118.000.
- Hasegawa, Shumpei, to Honda Motor Co., Ltd. Method for controlling fuel supply to an internal combustion engine at deceleration. 4,515,130, 5-7-85, Cl. 123-493.000.
- Hasegawa, Shumpei; and Makino, Yuzi, to Honda Giken Kogyo Kabushiki Kaisha. Idling rpm feedback control method for internal combustion engines. 4,526,144, 7-2-85, Cl. 123-339.000.
- Hasegawa, Shumpei; Gotoh, Osamu; and Otobe, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Air-fuel ratio control method for an internal combustion engine for vehicles in low load operating regions. 4,526,153, 7-2-85, Cl. 123-480.000.
- Hasegawa, Shumpei; and Kishi, Noriyuki, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling fuel supply to an internal combustion engine after termination of fuel cut. 4,527,521, 7-9-85, Cl. 123-326.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Idling rpm control method for an internal combustion engine adapted to improve fuel consumption characteristic of the engine. 4,553,516, 11-19-85, Cl. 123-339.000.
- Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Air/fuel ratio feedback control system for an internal combustion engine of a vehicle. 4,557,242, 12-10-85, Cl. 123-589.000.
- Hasegawa, Shumpei; and Shiraiwa, Michitaka, to Honda Giken Kogyo Kabushiki Kaisha. Air intake side secondary air supply system for an internal combustion engine. 4,558,682, 12-17-85, Cl. 123-589.000.
- Hasegawa, Shumpei: *See—*
  - Kishida, Eiji; Isobe, Yoshinobu; Hara, Fumio; and Hasegawa, Shumpei, 4,553,521, Cl. 123-587.000.
  - Otsuka, Kazuo; Narasaka, Shin; and Hasegawa, Shumpei, 4,503,479, Cl. 361-90.000.
- Hasegawa, Shunji: *See—*
  - Fukumura, Naoe; Hasegawa, Shunji; and Tanaka, Masanobu, 4,549,270, Cl. 364-474.000.
- Hasegawa, Tadao: *See—*
  - Nakagawa, Takayoshi; and Hasegawa, Tadao, 4,545,334, Cl. 123-41.330.
- Hasegawa, Taiji, to Hitachi, Ltd. Method of taking-in input data for motorcar control. 4,562,545, 12-31-85, Cl. 364-431.120.
- Hasegawa, Takanori; and Shimada, Takanobu, to Riso Kagaku Corporation. System for retaining stencil printing master on printing drum by clamp strip hinged along drum generator. 4,505,199, 3-19-85, Cl. 101-127.100.
- Hasegawa, Takanori, to Riso Kagaku Corporation. System for retaining stencil printing master on printing drum. 4,528,906, 7-16-85, Cl. 101-127.100.
- Hasegawa, Takashi; Tsuchihashi, Koji; and Yamashita, Hiroshi, to Mitsubishi Chemical Industries Limited. Process for producing carbon material for de-sulfurization from a binder with a blend of non-coking and coking coal. 4,492,771, 1-8-85, Cl. 502-420.000.
- Hasegawa, Takashi: *See—*
  - Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, 4,514,270, Cl. 204-151.000.
  - Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.
  - Ito, Osamu; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; and Hasegawa, Takashi, 4,494,511, Cl. 123-463.000.
  - Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, 4,503,821, Cl. 123-357.000.
- Hasegawa, Tatsumi: *See—*
  - Maekawa, Masashi; and Hasegawa, Tatsumi, 4,506,315, Cl. 362-308.000.
- Hasegawa, Teruyuki: *See—*
  - Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Hasegawa, Teruyuki; Nimura, Yoichi; and Hiraga, Noriyuki, 4,539,043, Cl. 266-265.000.
- Hasegawa, Tetsuo; and Suematsu, Koushi, to Canon Kabushiki Kaisha. Developer having improved flow characteristics and a process for producing same. 4,555,467, 11-26-85, Cl. 430-110.000.
- Hasegawa, Tetsuo: *See—*
  - Inoue, Sukejiro; Hasegawa, Tetsuo; and Nishikawa, Yoshihiro, 4,517,273, Cl. 430-111.000.
  - Ohsaki, Ichiro; Hasegawa, Tetsuo; and Suematsu, Koushi, 4,533,616, Cl. 430-110.000.
- Hasegawa, Toru; Muroi, Masayuki; and Tanida, Seiichi, to Takeda Chemical Industries, Ltd. Macbecin derivatives and their production. 4,512,975, 4-23-85, Cl. 424-121.000.
- Hasegawa, Toru: *See—*
  - Tanida, Seiichi; Muroi, Masayuki; and Hasegawa, Toru, 4,540,517, Cl. 260-239.30B.
- Hasegawa, Toshiaki; and Hirose, Yasuo, to Nippon Furnace Kogyo Kaisha, Ltd. Measurement of velocity in water flow model. 4,543,834, 10-1-85, Cl. 73-861.050.
- Hasegawa, Toshiaki; and Hirose, Yasuo, to Nippon Furnace Kogyo Kaisha, Ltd. Simulator of fluid flow in field of flow entailing combustion or reaction. 4,554,832, 11-26-85, Cl. 73-432.00R.
- Hasegawa, Tsunao, to Pioneer Electronic Corporation. Recording start position setting device for use in a tape recorder. 4,553,180, 11-12-85, Cl. 360-74.400.
- Hasegawa, Tsuneo, to Man Design Co., Ltd. Gloves for recovering the functions of the carpal joint, the hand and the fingers. 4,522,197, 6-11-85, Cl. 128-26.000.
- Hasegawa, Yoji; and Shinzawa, Motohiro, to Nissan Motor Company, Limited. Exhaust particle removal system for an internal combustion engine. 4,522,027, 6-11-85, Cl. 60-274.000.
- Hasegawa, Yoji; and Shinzawa, Motohiro, to Nissan Motor Company, Limited. Regenerative burner control apparatus. 4,522,028, 6-11-85, Cl. 60-277.000.
- Hasegawa, Yoji: *See—*
  - Shinzawa, Motohiro; Arai, Motomi; Roppongi, Shomatsu; Dozono, Kichihiko; and Hasegawa, Yoji, 4,538,413, Cl. 60-303.000.
  - Tokura, Naomi; and Hasegawa, Yoji, 4,541,239, Cl. 60-286.000.
- Hasegawa, Yoshiharu: *See—*
  - Miura, Tatsuo; Ohta, Kazuhiro; Hasegawa, Yoshiharu; and Yoneyama, Takao, 4,531,980, Cl. 148-11.50C.

Hasegawa, Yoshimichi: *See—*
Aoyama, Shigetsune; Yoshikawa, Kazuo; Hasegawa, Yoshimichi; and Higuchi, Junichi, 4,512,559, Cl. 267-47.000.
Hasegawa, Yoshio: *See—*
Yajima, Seishi; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamamura, Takemi, 4,556,526, Cl. 264-60.000.
Yajima, Seishi, deceased; Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, 4,515,742, Cl 264-63.000.
Hasegawa, Yukio: *See—*
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Hasegawa, Yutaka: *See—*
Murai, Kazuo; and Hasegawa, Yutaka, 4,519,695, Cl. 355-14.00R.
Murai, Kazuo; and Hasegawa, Yutaka, 4,539,279, Cl. 430-30.000.
Hasegawa, Yuuji: *See—*
Sagara, Seiji; and Hasegawa, Yuuji, 4,552,447, Cl. 355-3.00R.
Hasegawa, Yuzo; and Shimoda, Naokazu, to Brother Kogyo Kabushiki Kaisha. Ribbon cartridge. 4,505,605, 3-19-85, Cl. 400-208.000.
Haselbauer, Franz: *See—*
Weber, Thomas; and Haselbauer, Franz, 4,531,357, Cl. 60-39.070.
elhuhn, James M.: *See—*
ason, Arthur C.; Faitel, William M.; and Haselhuhn, James M., 4,530,637, Cl. 414-750.000.
Haselkorn, Michael H., to Armco Inc. Method and aqueous coating compositions for forming anti-stick and insulative coatings on semi-processed and fully-processed electrical steels. 4,496,399, 1-29-85, Cl. 148-6.15R.
Haselkorn, Michael H., to Armco Inc. Insulative coating composition for electrical steels. 4,498,936, 2-12-85, Cl. 148-6.15R.
Haselmaker, Karl, to Metallgesellschaft Aktiengesellschaft. Horizontal flow electrostatic precipitator with gas distributor receiving downward gas flow. 4,544,383, 10-1-85, Cl. 55-129.000.
Haselswerdt, Vernon: *See—*
Mayfield, John M., Jr.; and Haselswerdt, Vernon, 4,508,132, Cl. 137-62.000.
Haselwarter, Klaus: *See—*
Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, 4,528,174, Cl. 423-488.000.
Schmidhammer, Ludwig; Dummer, Gerhard; Haselwarter, Klaus; and Strasser, Rudolf, 4,540,837, Cl. 570-211.000.
Hasenack, Hendrikus J. A., to Shell Oil Company. Process and apparatus for mixing fluids. 4,491,271, 1-1-85, Cl. 239-1.000.
Hasenack, Hendrikus J. A., to Shell Oil Company. Burner and process for the partial combustion of solid fuel. 4,510,874, 4-16-85, Cl. 110-347.000.
Hasenauer, Dieter; and Reiss, Harald, to Brown, Boveri & Cie AG. Thermal insulation. 4,505,977, 3-19-85, Cl. 428-363.000.
Hasenauer, Dieter: *See—*
Jessen, Jens C.; and Hasenauer, Dieter, 4,546,056, Cl. 429-149.000.
Hasenbalg, Ralph D. Latching actuator. 4,543,000, 9-24-85, Cl. 400-180.000.
Hasenhundl, Josef: *See—*
Spengler, Adolf; and Hasenhundl, Josef, 4,516,859, Cl. 366-77.000.
Hashem, Mohamed M., to GAF Corporation. Foaming agent. 4,524,002, 6-18-85, Cl. 252-8.50C.
Hashi, Saeko: *See—*
Hashi, Takahiro; and Hashi, Saeko, 4,513,063, Cl. 428-377.000.
Hashi, Takahiro; and Hashi, Saeko. Coated rubber cord. 4,513,063, 4-23-85, Cl. 428-377.000.
Hashiba, Isao; Nishikimi, Tadashi; and Tsuchiya, Shuji, to Nissan Chemical Industries Ltd. Process for producing 2-(4-hydroxyphenoxy) propionate derivatives. 4,537,984, 8-27-85, Cl. 560-061.000.
Hashiba, Tooru: *See—*
Iizuka, Jiro; Kaneko, Takatoshi; and Hashiba, Tooru, 4,558,330, Cl. 346-76.0PH.
Hashido, Kenkichi: *See—*
Maehara, Naoyoshi; Hashido, Kenkichi; and Hirata, Hiroshi, 4,533,082, Cl. 239-102.000.
Hashiguchi, Don H.; Dietrich, Ronald J.; and Schoepe, George P., to SCM Corporation. Cupreous catalyst and process for making same. 4,503,165, 3-5-85, Cl. 502-225.000.
Hashiguchi, Don H.; Klar, Erhard; and Dietrich, Ronald J., to SCM Corporation. Halosilane catalyst and process for making same. 4,520,130, 5-28-85, Cl. 502-345.000.
Hashiguchi, Don H.: *See—*
Klar, Erhard; Hashiguchi, Don H.; and Dietrich, Ronald J., 4,504,597, Cl. 502-225.000.
Schoepe, George P.; and Hashiguchi, Don H., 4,504,596, Cl. 502-225.000.
Hashiguchi, Makoto: *See—*
Ishikawa, Yoshikazu; and Hashiguchi, Makoto, 4,513,723, Cl. 123-492.000.
Yamato, Akihiro; and Hashiguchi, Makoto, 4,508,074, Cl. 123-327.000.
Hashiguchi, Yukihide: *See—*
Ozaki, Tadashi; Hattori, Tadashi; Miura, Kazuhiko; Hanaoka, Masanori; and Hashiguchi, Yukihide, 4,492,109, Cl. 73-35.000.
Hashihama, Mitsuyuki: *See—*
Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.
Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.
Hashimota, Yasumasa: *See—*
Ishigami, Yoshihisa; Hashimota, Yasumasa; Kitado, Tadaharu; Nishimura, Hiromi; and Mori, Tetsuo, 4,513,339, Cl. 361-45.000.
Hashimoto, Akio; and Yasuda, Tomio, to Aisin Seiki Kabushiki Kaisha. Motor-driven power steering system. 4,538,698, 9-3-85, Cl. 180-79.100.
Hashimoto, Akio; and Yasuda, Tomio, to Aisin Seiki Kabushiki Kaisha. Steering power transmitting equipment. 4,561,515, 12-31-85, Cl. 180-79.100.
Hashimoto, Akira, to Sunstar Kabushiki Kaisha. Topical skin depigmenting composition. 4,526,779, 7-2-85, Cl. 424-62.000.
Hashimoto, Akira: *See—*
Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, 4,561,717, Cl. 350-6.800.
Ninomiya, Yoshinobu; Somezawa, Masashi; and Hashimoto, Akira, 4,521,486, Cl. 428-407.000.
Ninomiya, Yoshinobu; and Hashimoto, Akira, 4,529,661, Cl. 428-425.900.
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Hashimoto Corporation: *See—*
Hashimoto, Kazuo, 4,494,703, Cl. 242-55.19A.
Hashimoto, Kazuo, 4,525,600, Cl. 179-6.020.
Hashimoto, Kazuo, 4,540,851, Cl. 179-2.00A.
Hashimoto, Kazuo, 4,556,761, Cl. 179-6.050.
Hashimoto, Eiichi: *See—*
Ueda, Fumio; Hashimoto, Eiichi; Yamada, Takeyoshi; and Mori, Koh, 4,493,714, Cl. 55-16.000.
Hashimoto, Eiji: *See—*
Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.
Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, 4,506,545, Cl. 73-119.00A.
Hashimoto Forming Kogyo Co., Ltd.: *See—*
Baba, Yuko, 4,530,484, Cl. 249-56.000.
Hashimoto, Fukuo: *See—*
Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, 4,528,074, Cl. 204-16.000.
Hashimoto, Hideki: *See—*
Shiroto, Yoshimi; Nakata, Shinichi; and Hashimoto, Hideki, 4,530,753, Cl. 208-68.000.
Shiroto, Yoshimi; Nakata, Shinichi; and Hashimoto, Hideki, 4,530,754, Cl. 208-68.000.
Hashimoto, Hideo; Tomori, Katsuhiko; and Sano, Yuji, to Yamazaki Machinery Works, Ltd. Method of controlling lineup of tools in numerical control machine tool. 4,547,854, 10-15-85, Cl. 364-474.000.
Hashimoto, Hiromi: *See—*
Nakajima, Masahiro; and Hashimoto, Hiromi, 4,523,323, Cl. 375-37.000.
Hashimoto, Hiroshi, to Daiwa Seiko Inc. Spool braking device for double-bearing fishing reel. 4,516,741, 5-14-85, Cl. 242-217.000.
Hashimoto, Hiroshi; and Okita, Tsutomu, to Fuji Photo Film Co., Ltd. Method for preparing a magnetic recording medium. 4,548,833, 10-22-85, Cl. 427-44.000.
Hashimoto, Hiroshi: *See—*
Okita, Tsutomu; Naruo, Kyoichi; and Hashimoto, Hiroshi, 4,560,616, Cl. 428-423.100.
Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, 4,533,547, Cl. 424-122.000.
Hashimoto, Hisashi, to Sanyo Electric Co., Ltd. Battery device. 4,507,368, 3-26-85, Cl. 429-62.000.
Hashimoto, Hisayoshi; and Tamura, Morio, to Hitachi Construction Machinery Co., Ltd. Shock absorbing device for hydraulic cylinder. 4,517,878, 5-21-85, Cl. 91-396.000.
Hashimoto, Isamu: *See—*
Suzuki, Takeomi; Ishibashi, Kenzo; and Hashimoto, Isamu, 4,547,676, Cl. 250-578.000.
Hashimoto, Iwao: *See—*
Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.
Hashimoto, Junichi, to Pentel Kabushiki Kaisha. Mechanical pencil with removable lead feed cover. 4,500,220, 2-19-85, Cl. 401-53.000.
Hashimoto, Junichi; and Sekiguchi, Tomozo, to Pentel Kabushiki Kaisha. Mechanical pencil with automatic lead advance. 4,504,163, 3-12-85, Cl. 401-53.000.
Hashimoto, Junji: *See—*
Sawano, Susumu; Gofuku, Yoshihiro; Hashimoto, Junji; and Ando, Takayuki, 4,524,851, Cl. 188-134.000.
Hashimoto, Kametaro; Ushitani, Kenji; Noda, Fumiyoshi; Sugiyama, Masahiko; and Murachi, Mikio, to Toyota Jidosha Kogyo Kabushiki Kaisha. Vibration-resistant, heat-insulating casting and method of making. 4,533,579, 8-6-85, Cl. 428-36.000.
Hashimoto, Kaoru; and Nagata, Kenzo, to Minolta Camera Kabushiki Kaisha. Temperature control arrangement for heat roller. 4,556,779, 12-3-85, Cl. 219-216.000.
Hashimoto, Kazuo, to Hashimoto Corporation. Endless tape cassette. 4,494,703, 1-22-85, Cl. 242-55.19A.
Hashimoto, Kazuo, to Hashimoto Corporation. Automatic telephone answering device. 4,525,600, 6-25-85, Cl. 179-6.020.

Hashimoto, Kazuo, to Hashimoto Corporation. Remote control device using telephone circuit of electric apparatus. 4,540,851, 9-10-85, Cl. 179-2.00A.

Hashimoto, Kazuo, to Hashimoto Corporation. Automatic telephone answering apparatus. 4,556,761, 12-3-85, Cl. 179-6.050.

Hashimoto, Kazuo: *See—*
- Okado, Hideo; Hashimoto, Kazuo; Kawamura, Kichinari; Yamazaki, Yasuyoshi; and Takaya, Haruo, 4,544,793, Cl. 585-640.000.

Hashimoto, Ken. Power supply apparatus for fluorescent lamp. 4,544,863, 10-1-85, Cl. 315-209.00R.

Hashimoto, Kenji: *See—*
- Inada, Masami; and Hashimoto, Kenji, 4,501,298, Cl. 137-625.480.
- Inada, Masami; and Hashimoto, Kenji, 4,512,546, Cl. 251-65.000.

Hashimoto, Kinrou: *See—*
- Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.

Hashimoto, Kiyokazu; and Hayashi, Keizi, to Matsushita Electric Industrial Co., Ltd. Dropout compensation system. 4,492,988, 1-8-85, Cl. 358-336.000.

Hashimoto, Kiyoyasu; Murata, Akira; Kojima, Kiyoteru; Nakamatzu, Toshio; and Takeshita, Akira, to Research Association of Dyestuff Manufacturers. Nitrothiazolyl-monoazo-2,2,4-trimethyl-1,2,3,4-tetrahydroquinoline compounds for polyester. 4,529,406, 7-16-85, Cl. 8-691.000.

Hashimoto, Kiyoyasu; Yoshinaga, Kenji; Mori, Yoshio; Seino, Junzaburo; Kenmochi, Hirohito; and Sato, Katsunobu, to Sumitomo Chemical Company, Limited. 2-cyano-4-nitro-6-chlorophenylazo 3-acetyl-or propionylamino-N,N-di-n-pentyl or hexylanilines. 4,536,569, 8-20-85, Cl. 534-575.000.

Hashimoto, Masahide; Kurisu, Yoshitaka; Zuiki, Shigeo; and Sasaki, Yoshio, to Mitsubishi Denki Kabushiki Kaisha. Continuous freezing apparatus. 4,534,183, 8-13-85, Cl. 62-374.000.

Hashimoto, Masahiro; and Tani, Hideo, to Kabushiki Kaisha Toshiba; and Osaka Kongo Seito Co. Grinding wheel and manufacturing method thereof. 4,561,863, 12-31-85, Cl. 51-295.000.

Hashimoto, Masami: *See—*
- Ueda, Hiroshi; Matsumoto, Takeshi; and Hashimoto, Masami, 4,558,717, Cl. 137-596.000.

Hashimoto, Masanori; and Ogawa, Shunichi, to Ricoh Company, Ltd. Printing apparatus. 4,493,573, 1-15-85, Cl. 400-647.100.

Hashimoto, Masao; and Kato, Katsumi, to Seikosha Co., Ltd. Clock having a rotationally displaceable clock movement. 4,508,459, 4-2-85, Cl. 368-276.000.

Hashimoto, Masaru: *See—*
- Fukuda, Hirokazu; and Hashimoto, Masaru, 4,498,054, Cl. 330-261.000.
- Imanishi, Kazuo; Hashimoto, Masaru; and Mori, Makoto, 4,538,198, Cl. 361-86.000.

Hashimoto, Masashi; and Aratani, Matsuhiko, to Fujisawa Pharmaceutical Co., Ltd. Analogous compounds of cephalosporins, processes for the preparation thereof and pharmaceutical composition comprising the same. 4,497,738, 2-5-85, Cl. 260-239.00A.

Hashimoto, Masashi; Hemmi, Keiji; and Hagiwara, Daijiro, to Fujisawa Pharmaceutical Co., Ltd. New peptides, process for preparation thereof and use thereof. 4,497,801, 2-5-85, Cl. 514-15.000.

Hashimoto, Masashi; Aratani, Matsuhiko; and Sawada, Kozo, to Fujisawa Pharmaceutical Co., Ltd. 4-Substituted-2-oxoazetidine compounds. 4,539,152, 9-3-85, Cl. 260-245.20T.

Hashimoto, Masashi: *See—*
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,497,729, Cl. 260-112.50R.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Hashimoto, Masayuki: *See—*
- Kadota, Takao; Hashimoto, Masayuki; and Hamada, Itsuo, 4,552,904, Cl. 521-145.000.

Hashimoto, Mayuki: *See—*
- Kimura, Etsuji; Ogi, Katsumi; Sato, Kazusuke; and Hashimoto, Mayuki, 4,512,557, Cl. 266-171.000.

Hashimoto, Minoru: *See—*
- Hideyama, Shozo; Ishizawa, Akio; Kumagai, Katuya; and Hashimoto, Minoru, 4,511,617, Cl. 428-212.000.

Hashimoto, Mitsuo; Watanabe, Yasuo; Mama, Fumio; and Odan, Akinori, to Nippon Petroleum Refining Company, Limited. Fuel burning method in heating furnace. 4,559,007, 12-17-85, Cl. 431-4.000.

Hashimoto, Mitsuru, to Ricoh Company, Ltd. Electrophotographic element containing disazo compound. 4,537,844, 8-27-85, Cl. 430-58.000.

Hashimoto, Mitsuru; Kawabata, Toshiyasu; Nanya, Toshiki; and Murayama, Hisao, to Ricoh Company, Ltd. Electrophotographic toner containing triazolium compound as charge controlling agent. 4,554,233, 11-19-85, Cl. 430-106.600.

Hashimoto, Mitsuru, to Ricoh Company, Ltd. 2,6-disazo anthraquinone compounds. 4,555,567, 11-26-85, Cl. 534-654.000.

Hashimoto, Motoichi. Method of processing unmilled rice with chaffs attached thereto. 4,497,839, 2-5-85, Cl. 426-482.000.

Hashimoto, Nobuo: *See—*
- Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.

Hashimoto, Nobuyuki, to Aisin Seiki Kabushiki Kaisha. Valve assembly for air bag control. 4,491,157, 1-1-85, Cl. 137-871.000.

Hashimoto, Noriaki; Kubo, Kanji; and Izumi, Chikahiko, to Hitachi, Ltd. Storage system having buffer storage. 4,561,071, 12-24-85, Cl. 365-230.000.

Hashimoto, Norikazu: *See—*
- Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.

Hashimoto, Osamu: *See—*
- Irie, Toshio; Sato, Susumu; and Hashimoto, Osamu, 4,544,419, Cl. 148-12.00C.
- Murakami, Shinjiro; Hashimoto, Osamu; Morimoto, Kazuo; and Hyodo, Kaneaki, 4,495,009, Cl. 148-128.000.

Hashimoto, Seiichi, to Kabushiki Kaisha Taiyo Hatsujyo Seisakusho. Double clip for office use. 4,532,680, 8-6-85, Cl. 24-67.00R.

Hashimoto, Seiji; Tanaka, Nobuyoshi; Suga, Akira; and Kuwayama, Tetsuro, to Canon Kabushiki Kaisha. Solid-state color image sensing device. 4,500,913, 2-19-85, Cl. 358-44.000.

Hashimoto, Seiji; Suga, Akira; and Tanaka, Nobuyoshi, to Canon Kabushiki Kaisha. Color solid state image pick-up device. 4,525,737, 6-25-85, Cl. 358-44.000.

Hashimoto, Seiji; and Tanaka, Nobuyoshi, to Canon Kabushiki Kaisha. Noise reducing circuit. 4,559,559, 12-17-85, Cl. 358-167.000.

Hashimoto, Seiji: *See—*
- Kuwayama, Tetsuro; Tanaka, Nobuyoshi; and Hashimoto, Seiji, 4,517,588, Cl. 358-44.000.

Hashimoto, Shigebumi: *See—*
- Sakakibara, Shumpei; Yugari, Yasumi; and Hashimoto, Shigebumi, 4,536,395, Cl. 514-7.000.

Hashimoto, Shigeru: *See—*
- Fujiki, Kuniharu; and Hashimoto, Shigeru, 4,501,800, Cl. 428-447.000.
- Kato, Masatake; and Hashimoto, Shigeru, 4,553,823, Cl. 350-463.000.

Hashimoto, Shigeyoshi: *See—*
- Suzuki, Haruo; and Hashimoto, Shigeyoshi, 4,497,359, Cl. 164-120.000.

Hashimoto, Shingo; and Sekine, Mitsuo, to Citizen Watch Co., Ltd. Voltage sensing circuit. 4,507,572, 3-26-85, Cl. 307-296.00R.

Hashimoto, Shinichi: *See—*
- Imai, Kazuo, Niigata, Kunihiro; Fujikura, Takashi; Hashimoto, Shinichi; and Takenaka, Toichi, 4,558,156, Cl. 564-85.000.
- Nakatomi, Yoshisugu; Uchida, Kohachi; and Hashimoto, Shinichi, 4,551,014, Cl. 355-75.000.
- Ueno, Tsuyoshi; Hashimoto, Shinichi; Matsuyama, Kouzou; and Wakao, Nobutaka, 4,494,857, Cl. 355-3.0CH.
- Yokoo, Makoto; Nakatomi, Yoshitsugu; and Hashimoto, Shinichi, 4,523,831, Cl. 355-3.00R.

Hashimoto, Shinsuke: *See—*
- Wakatsuka, Hirohisa; Yamato, Takashi; and Hashimoto, Shinsuke, 4,562,204, Cl. 514-530.000.

Hashimoto, Shintaro; Morimoto, Masafumi; Nakanishi, Tosaku; Yoshida, Hideo; and Yanagiuchi, Shigenobu, to Sharp Kabushiki Kaisha. Electronic translator having removable voice data memory connectable to any one of terminals. 4,493,050, 1-8-85, Cl. 364-900.000.

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Hashimoto, Shintaro; Kotani, Yasuhiro; and Fujikawa, Yoshiyuki, to Sharp Kabushiki Kaisha. Running display device implemented with a CPU. 4,503,428, 3-5-85, Cl. 340-792.000.

Hashimoto, Shintaro; and Tanimoto, Akira, to Sharp Kabushiki Kaisha. Electronic dictionary and language interpreter of searching and indicating a part of speech and other index information of a specific word. 4,542,478, 9-17-85, Cl. 364-900.000.

Hashimoto, Shunichi; and Ohno, Katsutoshi, to Sony Corporation. Phosphor. 4,495,085, 1-22-85, Cl. 252-301.40F.

Hashimoto, Susumu: *See—*
- Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, 4,551,757, Cl. 358-212.000.

Hashimoto, Tadashi, to Mitsubishi Plastics Industries Limited. Magazine for electronic devices. 4,515,269, 5-7-85, Cl. 206-334.000.

Hashimoto, Takaaki, to Nippon Kogaku K.K. White balancing apparatus for color television cameras. 4,506,290, 3-19-85, Cl. 358-29.000.

Hashimoto, Takafumi, to Meidensha Electric Mfg. Co., Ltd. Electrolytes circulation type cell stack secondary battery. 4,520,080, 5-28-85, Cl. 429-18.000.

Hashimoto, Takao: *See—*
- Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, 4,513,166, Cl. 585-832.000.

Hashimoto, Takashi; and Igarashi, Chikara, to Mitsui Petrochemical Industries, Ltd. Poly-1-butene resin composition. 4,532,165, 7-30-85, Cl. 428-36.000.

Hashimoto, Takashi, to Pioneer Electronic Corporation. Central processing unit restoring mechanism for a system having a plurality of central processing units. 4,553,204, 11-12-85, Cl. 364-200.000.

Hashimoto, Takatsugu; and Ohashi, Takashi, to Bridgestone Tire Company Limited. Low-resilience rubber compositions and foams. 4,546,127, 10-8-85, Cl. 523-219.000.

Hashimoto, Takayoshi: *See—*

Kawamoto, Kiyoaki; Shukuri, Kastuhiro; Hashimoto, Takayoshi; Yamazaki, Yoshio; and Inowa, Shigeru, 4,530,596, Cl. 355-15.000.

Hashimoto, Tamotsu: *See—*

Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, 4,495,192, Cl. 514-318.000.

Hashimoto, Tatsutoshi, to Olympus Optical Company Limited. Corona charger of scorotron type. 4,550,253, 10-29-85, Cl. 250-326.000.

Hashimoto, Teiji, to Canon Kabushiki Kaisha. Blade type focal plane shutter. 4,560,265, 12-24-85, Cl. 354-246.000.

Hashimoto, Tokio: *See—*

Kotani, Yasuo; and Hashimoto, Tokio, 4,529,488, Cl. 204-62.000.

Hashimoto, Tokuo: *See—*

Ikegaki, Makoto; Nakanishi, Masayuki; Sato, Humiyuki; and Hashimoto, Tokuo, 4,560,900, Cl. 313-479.000.

Nakanishi, Masayuki; Tsuruzoe, Hirohisa; Sato, Humiyuki; and Hashimoto, Tokuo, 4,504,763, Cl. 313-318.000.

Hashimoto, Toshihiko: *See—*

Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, 4,552,873, Cl. 514-210.000.

Hashimoto, Toyokazu: *See—*

Matsumura, Hisashi; Hashimoto, Toyokazu; Kida, Masahiko; and Wada, Hiroyuki, 4,558,428, Cl. 364-900.000.

Nakayashiki, Susumu; Nakada, Isao; Kida, Masahiko; Hashimoto, Toyokazu; and Yagyu, Kazuo, 4,495,595, Cl. 364-900.000.

Nakayashiki, Susumu; Kida, Masahiko; and Hashimoto, Toyokazu, 4,506,357, Cl. 370-16.000.

Hashimoto, Tsugifusa: *See—*

Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, 4,503,136, Cl. 430-106.600.

Hashimoto, Tsutomu: *See—*

Nishi, Kazuro; Kurahashi, Koichiro; Hashimoto, Tsutomu; Senoo, Toshihiko; and Yamato, Shinji, 4,540,247, Cl. 350-3.710.

Hashimoto, Yasuhiko: *See—*

Ohishi, Kenji; and Hashimoto, Yasuhiko, 4,538,425, Cl. 62-280.000.

Hashimoto, Yasuo: *See—*

Ishino, Ken; Hashimoto, Yasuo; Ichihara, Kenichi; and Narumiya, Yoshikazu, 4,515,850, Cl. 428-225.000.

Ishino, Ken; and Hashimoto, Yasuo, 4,525,614, Cl. 219-10.55D.

Ishino, Ken; Hashimoto, Yasuo; and Narumiya, Yoshikazu, 4,539,433, Cl. 174-35.0MS.

Hashimoto, Yasuyuki, to Kabushiki Kaisha Daikin Seisakusho. Clutch disc. 4,494,642, 1-22-85, Cl. 192-106.200.

Hashimoto, Yasuyuki; and Shimizu, Kazuo, to Ancos Co., Ltd. Mechanical pencil with self-contained insert. 4,544,295, 10-1-85, Cl. 401-65.000.

Hashimoto, Yasuyuki: *See—*

Kayanoki, Katsuhiko; Teramachi, Kazuo; Ono, Seigo; and Hashimoto, Yasuyuki, 4,560,054, Cl. 192-106.200.

Hashimoto, Yoichi: *See—*

Fujihara, Hidefumi; Okazoe, Hiroshi; and Hashimoto, Yoichi, 4,503,814, Cl. 123-41.300.

Hashimoto, Yoshihiro: *See—*

Iwata, Hitoshi; Hashimoto, Yoshihiro; and Yamada, Katsuhiko, 4,526,627, Cl. 148-12.00B.

Hashimoto, Yoshio: *See—*

Kimura, Kazuo; Taneda, Yukinori; Tsuyuki, Shinichi; Suzuki, Shun; Hashimoto, Yoshio; and Sakamoto, Shinichi, 4,520,965, Cl. 242-7.05B.

Hashimoto, Yoshitaka; and Eguchi, Takeo, to Sony Corporation. Method and apparatus for recording a digital information signal in parallel tracks on a record medium without guard bands between at least some adjacent tracks. 4,549,227, 10-22-85, Cl. 358-328.000.

Hashimoto, Yuji, to Namba Press Works Co., Ltd. Automotive seat with lumbar support. 4,531,779, 7-30-85, Cl. 297-284.000.

Hashimoto, Yutaka, to Toshiba Kikai Kabushiki Kaisha. Multiple control valve system. 4,557,291, 12-10-85, Cl. 137-596.130.

Hashimoto, Yutaka, to Toshiba Kikai Kabushiki Kaisha. Multiple control valve system. 4,561,462, 12-31-85, Cl. 137-596.130.

Hashimoto, Yutaka: *See—*

Kamei, Masayuki; Endo, Tomio; and Hashimoto, Yutaka, 4,536,298, Cl. 252-8.050.

Hashiura, Masayoshi; Okazaki, Akiyasu; and Suzuki, Sigeru, to Hitachi, Ltd. Laser machining system. 4,527,043, 7-2-85, Cl. 219-121.0LQ.

Hashiya, Ikuo: *See—*

Nagamoto, Mitsuki; and Hashiya, Ikuo, 4,529,952, Cl. 335-81.000.

Nagamoto, Mitsuki; and Hashiya, Ikuo, 4,560,966, Cl. 335-80.000.

Hashiya, Yukio: *See—*

Nagamoto, Mitsuki; Hashiya, Yukio; and Kawaharada, Junji, 4,498,065, Cl. 335-79.000.

Hashiyama, Hideshi: *See—*

Araki, Shuichi; and Hashiyama, Hideshi, 4,524,456, Cl. 382-56.000.

Hashiyama, Mitsuaki: *See—*

Iwama, Satoshi; and Hashiyama, Mitsuaki, 4,550,135, Cl. 524-495.000.

Nagata, Takayoshi; and Hashiyama, Mitsuaki, 4,548,980, Cl. 524-495.000.

Hashizume, Atsushi, to Mitsubishi Denki Kabushiki Kaisha. Ignition circuit for an internal combustion engine. 4,522,186, 6-11-85, Cl. 123-643.000.

Hashizume, Hiroshi; and Izumisawa, Yoshiaki, to Mitsubishi Chemical Industries Limited. Process for producing terephthalic acid. 4,560,793, 12-24-85, Cl. 562-414.000.

Hashizume, Hiroshi; and Izumisawa, Yoshiaki, to Mitsubishi Chemical Industries Limited. Process for producing terephthalic acid. 4,562,285, 12-31-85, Cl. 562-414.000.

Hashizume, Hiroyuki: *See—*

Mochizuki, Norihiro; and Hashizume, Hiroyuki, 4,492,545, Cl. 418-149.000.

Hashizume, Iwao. Dynamic separator for a grinding mill. 4,534,516, 8-13-85, Cl. 241-171.000.

Hashizume, Kenichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Self-tracking mechanisms for solar collectors. 4,498,456, 2-12-85, Cl. 126-425.000.

Hashmi, Mohammed S. J.; and Symmons, George R., to National Research Development Corporation. Method and apparatus for reducing the section of elongated components. 4,549,421, 10-29-85, Cl. 72-41.000.

Haskal, Haim M.; and Briones, Robert A., to Magnetic Peripherals Inc. On-axis achromatic quarterwave retarder prism. 4,514,047, 4-30-85, Cl. 350-394.000.

Haskel, Inc.: *See—*

Kelly, John W., 4,502,308, Cl. 72-58.000.

Kelly, John W., 4,505,142, Cl. 72-54.000.

Haskell, Barin G., to AT&T Bell Laboratories. Technique for generating semi-compatible high definition television signals for transmission over two cable TV channels. 4,535,352, 8-13-85, Cl. 358-16.000.

Haskell, Jacob D., to Advanced Micro Devices, Inc. Process for forming grooves having different depths using a single masking step. 4,495,025, 1-22-85, Cl. 156-648.000.

Haskell, Jacob D., to Advanced Micro Devices, Inc. Method of making improved twin wells for CMOS devices by controlling spatial separation. 4,516,316, 5-14-85, Cl. 29-576.00W.

Haskell of Pittsburgh, Inc.: *See—*

Rice, Thomas E.; and Staropoli, Paul R., 4,537,452, Cl. 312-314.000.

Haskin, Helen K.: *See—*

Davis, Lorne A., Jr.; and Haskin, Helen K., 4,519,982, Cl. 422-68.000.

Davis, Lorne A., Jr.; and Haskin, Helen K., 4,560,002, Cl. 166-252.000.

Haskins, Delbert E.: *See—*

Murphy, Milford R.; and Haskins, Delbert E., 4,542,679, Cl. 91-363.00A.

Haskins, Glenn M.: *See—*

Rand, Robert W.; Snow, Harold D.; Elliott, David G.; and Haskins, Glenn M., 4,545,368, Cl. 128-1.300.

Haskins, Steve W., to Northern Telecom Limited. Mounting for a dial in a telephone set base. 4,491,695, 1-1-85, Cl. 179-100.00D.

Haskins, Steve W.; and Vincent, James K., to Northern Telecom Limited. Telephone set base. 4,491,696, 1-1-85, Cl. 179-100.00C.

Haskins, Steve W., to Northern Telecom Limited. Integral cup and hookswitch actuator for a telephone set. 4,517,420, 5-14-85, Cl. 179-164.000.

Haskins, Timothy B.: *See—*

Goebel, Franz; Haskins, Timothy B.; and Batson, David C., 4,562,094, Cl. 427-115.000.

Haslam, James H. Rotary balance motor. 4,530,255, 7-23-85, Cl. 74-604.000.

Haslam, John L.; and Pogany, Stefano A., to Merck & Co., Inc. Quinoline carboxylic acid complexes with guanidinium carbonate. 4,530,928, 7-23-85, Cl. 514-254.000.

Haslanger, Martin F.: *See—*

Das, Jagabandhu; and Haslanger, Martin F., 4,513,103, Cl. 514-469.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,515,972, Cl. 549-229.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,522,949, Cl. 514-469.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,524,151, Cl. 514-469.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,525,479, Cl. 514-469.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,536,513, Cl. 514-469.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,536,514, Cl. 514-469.000.

Das, Jagabandhu; and Haslanger, Martin F., 4,542,156, Cl. 514-469.000.

Hall, Steven E.; and Haslanger, Martin F., 4,526,900, Cl. 514-469.000.

Hall, Steven E.; and Haslanger, Martin F., 4,542,157, Cl. 514-469.000.

Hall, Steven E.; and Haslanger, Martin F., 4,555,523, Cl. 514-469.000.

Hall, Steven E.; and Haslanger, Martin F., 4,560,698, Cl. 514-469.000.

Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,537,904, Cl. 514-469.000.

Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,537,981, Cl. 549-463.000.

Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,556,675, Cl. 514-469.000.

Sprague, Peter W.; Loots, Melanie J.; and Haslanger, Martin F., 4,542,160, Cl. 514-569.000.

Haslberger, Richard: *See—*

Kern, Hans; and Haslberger, Richard, 4,554,939, Cl. 137-99.000.

Haslegrave, John A.; and Sullivan, Daniel S., to Exxon Research & Engineering Co. Corrosion inhibitors. 4,515,708, 5-7-85, Cl. 252-390.000.

Hasler Freres International S.A.: *See—*

Chauveau, Jean-Marie, 4,526,244, Cl. 177-1.000.

Hasler, Hans: *See—*

Wildi, Edwin; Bossart, Erwin; and Hasler, Hans, 4,535,956, Cl. 242-151.000.

Hasler, Rolf; and Palacin, Francis, to Sandoz Ltd. Method for determining the compatibility of a direct or reactive dyestuff with a polybasic amino compound. 4,548,902, 10-22-85, Cl. 436-2.000.

Hasler, Rudolf, to U.S. Philips Corporation. Tuner. 4,556,990, 12-3-85, Cl. 455-333.000.

Haspert, John C., to United States Pipe and Foundry Company, a part interest. Method and apparatus for mining. 4,506,931, 3-26-85, Cl. 299-1.000.

Hass, Hansjurgen: *See—*

Allemann, Kurt; Deneke, Klaus; Hass, Hansjurgen; and Vogel, Gunter, 4,504,315, Cl. 106-89.000.

Hass, Martin A. Functional dental-balancing method and apparatus. 4,526,543, 7-2-85, Cl. 433-214.000.

Hass, Robert H.; and Ward, John W., to Union Oil Company of California. Catalyst for oxidizing hydrogen sulfide. 4,528,277, 7-9-85, Cl. 502-79.000.

Hassall, Cedric H.: *See—*

Attwood, Michael R.; Hassall, Cedric H.; Lambert, Robert W.; Lawton, Geoffrey; and Redshaw, Sally, 4,512,924, Cl. 260-243.300.

Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,515,969, Cl. 549-39.000.

Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,518,784, Cl. 549-39.000.

Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,526,960, Cl. 536-6.400.

Hasse, Peter: *See—*

Pivit, Erich; Setzer, Helmut; Konig, Raimund; Distelrath, Peter; Hasse, Peter; and Zeidler, Manfred, 4,553,189, Cl. 361-119.000.

Hassel, Goran: *See—*

Danielsson, Marcus; Ljunglof, Karl O.; and Hassel, Goran, 4,558,787, Cl. 209-626.000.

Hassel, Helmut; and Stark, Reimund, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Car bridging arrangement for high speed railway vehicles. 4,539,912, 9-10-85, Cl. 105-8.00R.

Hassel, Karl D., Sr. Convertible seat for vehicles. 4,540,216, 9-10-85, Cl. 297-238.000.

Hasselmann, Heinz; and Muenzebrock, Anton, to Mannesmann Aktiengesellschaft. Method and apparatus for determining stress on hoisting equipment. 4,500,969, 2-19-85, Cl. 364-508.000.

Hasselmann, Heinz: *See—*

Bitsch, Harald; Donner, Klaus; Hasselmann, Heinz; and Horbach, Rainer, 4,550,664, Cl. 105-180.000.

Karpe, Wolfgang; Kluge, Johannes; and Hasselmann, Heinz, 4,506,242, Cl. 335-120.000.

Hassialis, Menelaos D.: *See—*

Gilbert, Clark J.; Hassialis, Menelaos D.; Scrymgeour, Andrew H.; and Vera, Samuel I., 4,512,610, Cl. 299-13.000.

Hassib, Gabor: *See—*

Burgkhart, Bertram; Hassib, Gabor; and Piesch, Ernst, 4,492,872, Cl. 250-484.100.

Hasskamp, Paul R., to Becton, Dickinson and Company. Dispenser apparatus for simultaneously dispensing predetermined equal volumes of liquid including a disposable dispenser module. 4,537,231, 8-27-85, Cl. 141-238.000.

Hassler, Andreas. Holder and method of firing ceramic briquettes. 4,523,907, 6-18-85, Cl. 432-258.000.

Hassler, Dieter, to Siemens Aktiengesellschaft. Method and apparatus for conducting flow measurements on flowing media according to the ultrasonic doppler method. 4,493,216, 1-15-85, Cl. 73-861.250.

Hassler, Dieter; Kresse, Heinz; Reichenberger, Helmut; and Naser, Georg, to Siemens Aktiengesellschaft. Apparatus for destroying calculi in body cavities. 4,526,168, 7-2-85, Cl. 128-303.00R.

Hassler, Dieter; and Mittelstaedt, Wolfgang, to Siemens Aktiengesellschaft. Ultrasonic tomography device. 4,541,436, 9-17-85, Cl. 128-660.000.

Hassler, Ernst: *See—*

Stich, Bodo; Hassler, Ernst; and Adamowicz, Slawomir, 4,538,974, Cl. 418-26.000.

Stich, Bodo; Hassler, Ernst; and Cyphelly, Ivan-Jaroslav, 4,549,862, Cl. 418-133.000.

Hassler, Heinrich; Muller, Reiner; Kippenberg, Horst; and Prolss, Norbert, to Siemens Aktiengesellschaft. Method of producing copper-chromium fusion alloys as contact material for vacuum power switches. 4,537,745, 8-27-85, Cl. 420-590.000.

Hassler, Heinrich: *See—*

Freller, Helmut; Hassler, Heinrich; Schack, Peter; and Schultz, Ludwig, 4,532,174, Cl. 428-215.000.

Grosse, Joachim; Hassler, Heinrich; and Tiefel, Gunter, 4,519,234, Cl. 72-258.000.

Hassler, John C.: *See—*

Genco, Joseph M.; and Hassler, John C., 4,540,468, Cl. 162-49.000.

Hasson, Harrith M. Ballooned cannula. 4,496,345, 1-29-85, Cl. 604-103.000.

Hasting, Anthony P. M., to APV International Limited. High-temperature treatment of liquids. 4,534,986, 8-13-85, Cl. 426-521.000.

Hastings, Donald R.; Herstek, Glen A.; and Scarbrough, Don R., to Nordson Corporation. Method of reducing corona discharge in an electrostatic spray gun. 4,543,710, 10-1-85, Cl. 29-613.000.

Hastings, Jerome K.; Brubaker, John R.; and Kroli, John W., to Eaton Corporation. Electrothermally actuated switch. 4,520,336, 5-28-85, Cl. 337-140.000.

Hastings, Jerome K.; Bigelow, James H.; and Pearson, Robert L., to Eaton Corporation. High speed electromagnetic mechanical switch. 4,521,757, 6-4-85, Cl. 335-79.000.

Hastings, Jerome K.: *See—*

Petrie, Dennis J.; and Hastings, Jerome K., 4,546,336, Cl. 335-16.000.

Petrie, Dennis J.; Bridges, Robert B.; Grass, William E.; and Hastings, Jerome K., 4,546,337, Cl. 335-16.000.

Hastings, Joe R., to Atlantic Richfield Company. Method for performing step rate tests on injection wells. 4,523,459, 6-18-85, Cl. 73-155.000.

Hastings, John H. Valveless trumpet instrument. 4,516,464, 5-14-85, Cl. 84-387.00R.

Hastings, Otis H.; and Hastings, Otis M., to Transaction Security, Inc. Insulating apparatus and composite laminates employed therein. 4,523,528, 6-18-85, Cl. 109-42.000.

Hastings, Otis M.: *See—*

Hastings, Otis H.; and Hastings, Otis M., 4,523,528, Cl. 109-42.000.

Hastings, Ray D.; and Boyer, Ernest W., to Conoco Inc. Event detection apparatus. 4,528,553, 7-9-85, Cl. 340-526.000.

Haston, James E.; and Orloff, Anthony D. Portable basketball goal. 4,526,367, 7-2-85, Cl. 273-1.50R.

Hasu, Akinori: *See—*

Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.

Hasuike, Kazuo; Konishi, Kazunori; and Kurematsu, Akira, to Kokusai Denshin-Denwa Kabushiki Kaisha. Control system for a line scanning type output unit. 4,504,868, 3-12-85, Cl. 358-280.000.

Hasumi, Hitoshi: *See—*

Hirano, Hirofumi; and Hasumi, Hitoshi, 4,504,159, Cl. 400-148.000.

Hasumi, Ryoichi: *See—*

Tanaka, Yoshio; Nishikawa, Yasuhisa; Hasumi, Ryoichi; and Koizumi, Takashi, 4,532,818, Cl. 74-10.330.

Hasunuma, Yoshifumi: *See—*

Endo, Keizo; Matsumura, Hiroshi; Hasunuma, Yoshifumi; Masai, Siro; and Oguma, Noboru, 4,522,237, Cl. 141-95.000.

Hasuo, Masayoshi: *See—*

Kakogawa, Genjiro; Hasuo, Masayoshi; Suga, Yoshinori; and Kojima, Kazuhisa, 4,507,450, Cl. 526-128.000.

Hasuo, Shinya, to Fujitsu Limited. Decoder circuit utilizing Josephson devices. 4,506,172, 3-19-85, Cl. 307-462.000.

Hasz, John R.: *See—*

Haas, Robert G.; Hasz, John R.; and Wood, David B., III, 4,491,044, Cl. 82-36.00A.

Haszeldine, Robert N.: *See—*

Riggi, Stephen J.; and Haszeldine, Robert N., 4,524,152, Cl. 514-609.000.

Hata, Akio; and Tanga, Michifumi, to Tokuyama Sekisui Kogyo Kabushiki Kaisha. Process for removing polymer scale adhering to a polymerization vessel. 4,517,350, 5-14-85, Cl. 526-344.200.

Hata, Akio: *See—*

Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.

Hata, Hideo: *See—*

Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, 4,499,241, Cl. 525-211.000.

Yoshimura, Isao; Mizukami, Osamu; Hata, Hideo; Kageyama, Junichi; and Kaneko, Takashi, 4,501,634, Cl. 156-244.240.

Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, 4,537,935, Cl. 525-222.000.

Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, 4,542,886, Cl. 264-22.000.

Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, to Sekisui Kagaku Kogyo Kabushiki Kaisha. Resin composition suitable for use in medical devices. 4,495,312, 1-22-85, Cl. 523-105.000.

Hata, Hiroyuki. Clothing clasp. 4,520,536, 6-4-85, Cl. 24-498.000.

Hata, Hitoshi: *See—*

Tsubouchi, Toshiyuki; and Hata, Hitoshi, 4,521,324, Cl. 252-73.000.

Tsubouchi, Toshiyuki; and Hata, Hitoshi, 4,525,290, Cl. 252-73.000.

Tsubouchi, Toshiyuki; and Hata, Hitoshi, 4,556,503, Cl. 252-73.000.

Hata, Kosei, to Seiken Kai Foundation Juridical Person. Bacterial strain for purifying hydrocarbons pollution and purification process. 4,521,515, 6-4-85, Cl. 435-248.000.

Hata, Masahito: *See—*

Fujimura, Gen; Sotoma, Koichi; Kunikyo, Hiroshi; Hata, Masahito; and Inoue, Hidesuke, 4,534,284, Cl. 99-498.000.

Yamanashi, Yoshihiro; Okuma, Minoru; Hata, Masahito; and Nishihara, Toshio, 4,557,711, Cl. 474-900.000.

Hata, Nobuhiro: *See—*
  Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.

Hata, Shun-ichi: *See—*
  Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.
  Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Hata, Shunichi: *See—*
  Haraguchi, Hideaki; and Hata, Shunichi, 4,557,050, Cl. 30-195.000.

Hata, Takuoki; Ohmi, Akira; Ushijima, Tadayoshi; and Kuroda, Takayuki, to Matsushita Electric Industrial Co., Ltd. Ceramic high dielectric composition. 4,558,021, 12-10-85, Cl. 501-137.000.

Hata, Yoshitada: *See—*
  Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.

Hata, Yoshitaka; and Morita, Tatsuo, to Nissan Motor Company, Limited. Air-fuel ratio control system. 4,561,401, 12-31-85, Cl. 123-486.000.

Hatada, Kenzo; and Kitahiro, Isamu, to Matsushita Electric Industrial Co., Ltd. Method of connecting metal leads with electrodes of semiconductor device and metal lead therefore. 4,494,688, 1-22-85, Cl. 228-180.00A.

Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, to Asahi Kasei Kogyo Kabushiki Kaisha. Copolymers, process for the preparation thereof and ionizing radiation sensitive resist using such copolymers. 4,523,000, 6-11-85, Cl. 526-336.000.

Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, to Asahi Kasei Kogyo Kabushiki Kaisha. Graft copolymers, process for the preparation thereof and ionizing radiation sensitive resist using such copolymers. 4,559,389, 12-17-85, Cl. 525-250.000.

Hatada, Toshio: *See—*
  Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
  Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, 4,503,907, Cl. 165-133.000.

Hatae, Masamiti: *See—*
  Misaka, Yoshiharu; Teraue, Takeshi; and Hatae, Masamiti, 4,500,652, Cl. 521-33.000.

Hatagawa, Toyotsugu, to Matsushita Electric Industrial Co., Ltd. Microwave heater having a device for thawing frozen cakes. 4,499,356, 2-12-85, Cl. 219-10.55E.

Hatahira, Seiichi, to Ina Seito Co., Ltd. Sintered apatite bodies and composites thereof. 4,503,157, 3-5-85, Cl. 501-1.000.

Hatakenaka, Toshiki; Akiyama, Tetsuo; Asada, Shinji; and Shinohara, Kunio, to Chugai Ro Co., Ltd.; and Kajima Road Co., Ltd. Method of heating a road surface and apparatus therefor. 4,561,800, 12-31-85, Cl. 404-79.000.

Hatakeyama, Iwao: *See—*
  Ishii, Osamu; Yoshimura, Fumikatsu; and Hatakeyama, Iwao, 4,544,612, Cl. 428-692.000.

Hatakeyama, Kenichi; and Inui, Tetsuji, to Nippon Electric Co., Ltd. Electro-magnetic wave absorbing material. 4,538,151, 8-27-85, Cl. 343-18.00A.

Hatakeyama, Kenji: *See—*
  Kubotera, Hiroshi; Ogawa, Kenji; and Hatakeyama, Kenji, 4,548,537, Cl. 414-276.000.

Hatakeyama, Sakichi: *See—*
  Ogano, Takeo; Sueshige, Hiroshi; and Hatakeyama, Sakichi, 4,514,917, Cl. 37-249.000.

Hatakeyama, Takanobu: *See—*
  Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.

Hatakeyama, Tetsuya: *See—*
  Kanda, Masahiro; Hatakeyama, Tetsuya; and Morito, Yusuke, 4,508,640, Cl. 252-503.000.

Hatakeyama, Yoshiharu; and Teshima, Kenzo, to Yoshida Industry Co., Ltd. Method for forming a synthetic-resin-made container. 4,495,125, 1-22-85, Cl. 264-132.000.

Hatakeyama, Yoshiharu; Ishikawa, Tatsuo; and Teshima, Kenzo, to Yoshida Industry Co., Ltd. Method and apparatus for molding a tubular container with a cap. 4,518,554, 5-21-85, Cl. 264-262.000.

Hatakeyama, Yoshiharu; and Minosawa, Yoshio, to Yoshida Industry Co., Ltd. Inner closure cap for bottle or tube type container. 4,553,679, 11-19-85, Cl. 215-232.000.

Hatakeyama, Yoshiharu: *See—*
  Ishikawa, Tatsuo; and Hatakeyama, Yoshiharu, 4,496,513, Cl. 264-267.000.

Hatakoshi, Makoto: *See—*
  Nishida, Sumio; Matsuo, Noritada; Tsushima, Kazunori; Hatakoshi, Makoto; and Hirano, Masachika, 4,562,213, Cl. 514-721.000.
  Ohsumi, Tadashi; Hatakoshi, Makoto; and Kisida, Hirosi, 4,514,406, Cl. 514-352.000.

Hatala, John, to Temco Home Health Care Products, Inc. Three point clamping means for a shower bench. 4,520,515, 6-4-85, Cl. 4-579.000.

Hatamori, Takashi: *See—*
  Nishida, Toyomi; Suzuki, Takeshi; Hatamori, Takashi; and Terada, Sei, 4,504,020, Cl. 241-121.000.

Hatamoto, Toshihiro: *See—*
  Maeda, Hirofumi; Nakamura, Kyoichi; and Hatamoto, Toshihiro, 4,524,154, Cl. 521-58.000.

Hatamura, Yotaro. Pressure transducer. 4,491,028, 1-1-85, Cl. 73-862.620.

Hatamura, Yotaro. Load converter. 4,520,679, 6-4-85, Cl. 73-862.040.

Hatanai, Takashi: *See—*
  Shimada, Yutaka; Mukasa, Koichi; Hatanai, Takashi; and Nakashima, Keishi, 4,557,769, Cl. 148-31.550.

Hatanaka, Akimitsu: *See—*
  Tanizaki, Hiroyuki; Ebihara, Sakae; Hatanaka, Akimitsu; Ogawa, Takayoshi; and Kanazawa, Yuzo, 4,496,189, Cl. 297-63.000.

Hatanaka, Hideo: *See—*
  Fukutome, Satoru; Hatanaka, Hideo; and Saito, Motoyuki, 4,493,560, Cl. 368-88.000.

Hatanaka, Hiroshi: *See—*
  Shimamoto, Kunihiro; Hatanaka, Hiroshi; Seki, Shinichiro; and Orita, Ryozo, 4,493,938, Cl. 568-62.000.

Hatanaka, Katsunori; and Uzawa, Shunichi, to Canon Kabushiki Kaisha. Photo-electric transducer. 4,532,536, 7-30-85, Cl. 357-30.000.

Hatanaka, Koji; and Takizawa, Tozo, to Jidosha Kiki Co., Ltd. Glow plug for use in diesel engine. 4,549,071, 10-22-85, Cl. 219-270.000.

Hatanaka, Masataka: *See—*
  Ozawa, Kiyomi; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,504,483, Cl. 514-351.000.
  Ozawa, Kiyomi; Nakajima, Yasuyuki; Tsugeno, Makoto; Ishii, Shigeru; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,540,706, Cl. 514-403.000.

Hatanaka, Takao: *See—*
  Nagatani, Toshio; Chiba, Norio; Hatanaka, Takao; and Saito, Toshio, 4,551,367, Cl. 428-35.000.

Hatanaka, Yoshio: *See—*
  Harada, Haruo; Fujiwara, Akira; Hatanaka, Yoshio; and Iimura, Hironori, 4,540,590, Cl. 426-324.000.

Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, to Pioneer Electronic Corporation. Information recording system. 4,525,824, 6-25-85, Cl. 369-45.000.

Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, to Pioneer Electronic Corporation. Method and system for optically recording and playing back information on a recording medium having magnetization film thereon. 4,539,662, 9-3-85, Cl. 369-13.000.

Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, to Pioneer Electronic Corporation. System for recording and playing back information with magneto-optical disk memory using record and readout light beams of different wavelengths. 4,549,287, 10-22-85, Cl. 369-45.000.

Hatano, Hideki, to Pioneer Electronic Corporation. Magneto-optic information recording system. 4,550,346, 10-29-85, Cl. 358-330.000.

Hatano, Hideki: *See—*
  Kanai, Mikio; Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Sigeru, 4,554,651, Cl. 369-13.000.

Hatano, Hirofumi; and Hirota, Yoji, to Mitsubishi Mining and Cement Co., Ltd.; and Mitsubishi Jukogyo Kabushiki Kaisha. Cyclone. 4,519,822, 5-28-85, Cl. 55-459.00R.

Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, to Mitsubishi Jukogyo Kabushiki Kaisha; and Mitsubishi Mining and Cement Co., Ltd. Calcining apparatus for powdery materials. 4,548,580, 10-22-85, Cl. 432-106.000.

Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, to Alps Electric Co., Ltd. Course guidance system with speeded-up display function. 4,532,514, 7-30-85, Cl. 340-995.000.

Hatano, Junichi, to Nippon Seiko Kabushiki Kaisha. Plastic retainer for roller bearing. 4,541,743, 9-17-85, Cl. 384-576.000.

Hatano, Michiharu: *See—*
  Yamaoka, Hideyuki; Hatano, Michiharu; Miyazaki, Tomio; Shimoda, Teruhisa; and Oki, Koji, 4,504,043, Cl. 266-160.000.

Hatano, Takashi; and Maruyama, Akira, to Konishiroku Photo Industry Co., Ltd. Photomask material. 4,497,878, 2-5-85, Cl. 428-698.000.

Hatano, Takayoshi: *See—*
  Yokoyama, Yasuyuki; Hatano, Takayoshi; Suzuki, Kenji; and Fujioka, Koichiro, 4,557,592, Cl. 355-51.000.

Hatano, Yoshinori; Wada, Kiyoshi; and Midorikawa, Ichiro, to Fujitsu Limited. Method and apparatus for testing a logic circuit using parallel to serial and serial to parallel conversion. 4,553,090, 11-12-85, Cl. 324-73.0AT.

Hatano, Yuji: *See—*
  Kotera, Nobuo; Hatano, Yuji; Asano, Atsushi; and Kawabe, Ushio, 4,555,643, Cl. 307-476.000.

Hatashita, Hiroshi: *See—*
  Saitoh, Takeshi; Matsuura, Shigeo; Moteki, Minoru; and Hatashita, Hiroshi, 4,491,976, Cl. 455-315.000.

Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, to Hitachi, Ltd.; and Kawasaki Steel Corporation. Low C-Cr-Mo steel used under wet steam. 4,529,454, 7-16-85, Cl. 148-36.000.

Hataya, Fumio: *See—*
  Onuma, Tsutomu; and Hataya, Fumio, 4,499,158, Cl. 428-682.000.

Hataya, Masanori: *See—*
  Tanaka, Toru; Hataya, Masanori; Tanaka, Kazuo; Sakai, Yukio; and Hamada, Yasufumi, 4,500,730, Cl. 562-416.000.

Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, to Taisho

Pharmaceutical Co., Ltd. Novel styrene derivatives of the general formula. 4,557,871, 12-10-85, Cl. 556-183.000.

- Hatayama, Keiji: *See—*
  - Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,497,223, Cl. 74-866.000.
  - Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,274, Cl. 74-866.000.
  - Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,275, Cl. 74-866.000.
- Hatayama, Tamothu: *See—*
  - Nozaki, Hidetoshi; Kamimura, Takaaki; Hatayama, Tamothu; and Utagawa, Tadashi, 4,500,744, Cl. 136-258.000.
- Hatazi, Masahiko: *See—*
  - Tanigawa, Takatoshi; Yaegashi, Sakari; Nakazawa, Tetsuo; Hatazi, Masahiko; and Nango, Tadao, 4,506,041, Cl. 523-139.000.
- Hatch, Bruce O., to Thermal Dynamics Corporation. Plasma-arc torch with gas cooled blow-out electrode. 4,558,201, 12-10-85, Cl. 219-121.0PM.
- Hatch, Douglas J.: *See—*
  - Bingham, Joseph P.; and Hatch, Douglas J., 4,521,809, Cl. 358-120.000.
- Hatch, Randolph T.: *See—*
  - Kapiloff, Anita G.; and Hatch, Randolph T., 4,496,470, Cl. 252-181.000.
- Hatch, Robert P.: *See—*
  - Buckler, Robert T.; and Hatch, Robert P., 4,558,130, Cl. 546-66.000.
- Hatch, Roger C.: *See—*
  - Booth, Nicholas H.; Hatch, Roger C.; and Crawford, Lester M., 4,508,715, Cl. 514-280.000.
- Hatchadoorian, Edward; Ostapchenko, George J.; Patton, James L.; and Young, Harlan S. Process for thermoforming reinforced polymer sheets. 4,526,831, 7-2-85, Cl. 428-287.000.
- Hatchard, William R., to Du Pont de Nemours, E. I., and Company. Adhesion activated aramid fiber. 4,510,202, 4-9-85, Cl. 428-295.000.
- Hatchett, Michael R.: *See—*
  - Farran, John; Hatchett, Michael R.; and Heath, John S., 4,510,841, Cl. 83-176.000.
- Hatco Chemical Corporation: *See—*
  - Chen, Clay T.; Wan, K. Ming; and Chen, Mary S., 4,518,792, Cl. 560-163.000.
  - Wan, K. Ming; Chen, Mary S.; and Pendse, Anil D., 4,523,026, Cl. 560-163.000.
- Hately, Maurice C., to National Research Development Corporation. Dipole and ground plane antennas with improved terminations for coaxial feeders. 4,518,968, 5-21-85, Cl. 343-802.000.
- Hatfield, Jim J. Automatic jaw control for reversible power tool. 4,526,497, 7-2-85, Cl. 408-240.000.
- Hatfield, Jim J. Automatic jaw control for reversible power tool. 4,536,113, 8-20-85, Cl. 409-234.000.
- Hatfield, John F. Computer keyboard educational toy. 4,536,160, 8-20-85, Cl. 434-227.000.
- Hatfield, John G.; and Volinskie, Robert, to AMP Incorporated. Method and apparatus for stripping shielded flat cable. 4,538,487, 9-3-85, Cl. 81-9.510.
- Hatfield, Lowell D., to Eli Lilly and Company. Oxidation process. 4,502,988, 3-5-85, Cl. 260-239.100.
- Hatfield, W. Robert: *See—*
  - Beshty, Bahjat S.; Hatfield, W. Robert; Lee, Hyo C.; Heck, Ronald M.; and Hsiung, Thomas H., 4,526,614, Cl. 75-83.000.
- Hatfield, William R.; Heck, Ronald M.; and Hsiung, Thomas H., to Engelhard Corporation. Method for recovering platinum in a nitric acid plant. 4,497,657, 2-5-85, Cl. 75-83.000.
- Hathaway, Charles T. Method of forming plastic envelopes. 4,497,679, 2-5-85, Cl. 156-251.000.
- Hathaway, Robert E.: *See—*
  - Kushnick, Julian H.; Sawhney, Dulari L.; and Hathaway, Robert E., 4,529,458, Cl. 148-403.000.
- Hatherley, Bruce E. Financial board game. 4,522,407, 6-11-85, Cl. 273-256.000.
- Hatheway, Alson E.: *See—*
  - Fjeldsted, Thomas P.; and Hatheway, Alson E., 4,502,751, Cl. 350-6.400.
- Hatheway, Nicholas N., Jr.: *See—*
  - Santomango, Anthony; and Hatheway, Nicholas N., Jr., 4,542,341, Cl. 324-158.00F.
- Hatley, Kenneth J.: *See—*
  - Preiser, Herman S.; Ticker, Arthur; and Hatley, Kenneth J., 4,522,882, Cl. 428-351.000.
- Hatori, Masami; Ohkuma, Hiroaki; Konishi, Masataka; Miyaki, Takeo; and Kawaguchi, Hiroshi, to Bristol-Myers Company. Antitumor antibiotics BBM-2040A and BBM-2040B. 4,508,647, 4-2-85, Cl. 260-239.30T.
- Hatori, Yoshinori: *See—*
  - Matsumoto, Shuichi; Hatori, Yoshinori; Murakami, Hitomi; and Yamamoto, Hideo, 4,546,386, Cl. 358-136.000.
- Hatori, Yukiyoshi; Yagi, Eiji; and Kobari, Yuji, to Nissan Motor Company, Limited. System for stabilizing idling of vehicular engine. 4,520,777, 6-4-85, Cl. 123-339.000.
- Hatori, Yukiyoshi: *See—*
  - Yagi, Eiji; Hatori, Yukiyoshi; and Kobari, Yuji, 4,503,297, Cl. 200-61.390.
- Hatrick Industries Limited: *See—*
  - Norton, Harry W., 4,561,823, Cl. 414-678.000.
- Hatsuse, Toshikazu; and Kume, Kazunari, to Citizen Watch Co., Ltd. Small electronic timers. 4,492,479, 1-8-85, Cl. 368-109.000.
- Hatsuse, Toshikazu: *See—*
  - Ode, Sadao; Hatsuse, Toshikazu; and Shiina, Hiroshi, 4,543,692, Cl. 24-616.000.
- Hatt, Brian W.: *See—*
  - Butcher, Anthony V.; and Hatt, Brian W., 4,539,124, Cl. 252-28.000.
- Hatta, George: *See—*
  - Ohura, Yukio; Hatta, George; and Nogawa, Tadao, 4,502,740, Cl. 29-148.460.
- Hatta, Koichi; and Komeda, Kenichiro, to Sharp Kabushiki Kaisha. Shopping calculator with comparison feature. 4,528,638, 7-9-85, Cl. 364-709.000.
- Hatta, Takao: *See—*
  - Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, 4,495,192, Cl. 514-318.000.
- Hattan, Mark, to Green, William P., a part interest. Structure and manufacture of radiation collectors. 4,543,945, 10-1-85, Cl. 126-438.000.
- Hattan, Mark, to Green, William P., a part interest. Method of forming a fatigue resistant threaded connection. 4,545,104, 10-8-85, Cl. 29-446.000.
- Hattemer, James C., to Graphic Resources, Inc. Label structure. 4,526,405, 7-2-85, Cl. 283-81.000.
- Hattemer, James C., to Graphic Resources, Inc. Method of manufacturing an elongated label supply. 4,528,055, 7-9-85, Cl. 156-247.000.
- Hattendorff, Horst D.: *See—*
  - Schmidt, Martin; and Hattendorff, Horst D., 4,536,090, Cl. 356-414.000.
- Hattersley, Kenneth R., to International Standard Electric Corporation. Piezo-electric terminal station for communications system. 4,529,904, 7-16-85, Cl. 310-318.000.
- Hatton, Gregory J.: *See—*
  - Helms, David A.; Hatton, Gregory J.; and Williams, Thomas M., 4,499,418, Cl. 324-58.50A.
- Hatton, John S.; Clarke, Roland N.; and Saini, Raj K., to W & T Avery Limited. Transducers. 4,561,038, 12-24-85, Cl. 361-280.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., to May & Baker Limited. N-phenylpyrazole derivatives. 4,496,390, 1-29-85, Cl. 71-92.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., to May & Baker Limited. Herbicidal 5-amino-4-cyano-1-phenyl-pyrazoles. 4,505,740, 3-19-85, Cl. 71-92.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., to May & Baker Limited. 4-trifluoromethylphenylhydrazinomethylenemalononitriles. 4,541,963, 9-17-85, Cl. 260-465.00E.
- Hattori, Akira; Hayashi, Hiromu; Shinagawa, Akio; and Shinogi, Tsuyoshi, to Fujitsu Limited. Stack machine with improved cache memory for variables. 4,517,640, 5-14-85, Cl. 364-200.000.
- Hattori, Akira; and Tsuchimoto, Takamitsu, to Fujitsu Limited. Data processing system having hierarchical memories. 4,550,367, 10-29-85, Cl. 364-200.000.
- Hattori, Akira: *See—*
  - Nishida, Hidehiko; Koshino, Minoru; Tateishi, Terutaka; and Hattori, Akira, 4,547,848, Cl. 364-200.000.
- Hattori, Hideaki: *See—*
  - Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, 4,536,588, Cl. 549-374.000.
  - Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, 4,540,809, Cl. 560-185.000.
- Hattori, Hiroyuki: *See—*
  - Tachika, Tetsuji; Sakamaki, Hisashi; and Hattori, Hiroyuki, 4,494,861, Cl. 355-14.00R.
- Hattori, Katsuhide; Fukatsu, Yoshiaki; and Sakai, Hiroshi, to Nippon Oil and Fats Co., Ltd. Water-in-oil emulsion explosive composition. 4,554,032, 11-19-85, Cl. 149-21.000.
- Hattori, Katsuhide: *See—*
  - Edamura, Kohji; Torii, Akio; Hattori, Katsuhide; and Sakai, Hiroshi, 4,543,136, Cl. 149-21.000.
  - Hirosaki, Yoshikazu; and Hattori, Katsuhide, 4,496,471, Cl. 252-186.210.
  - Kakino, Shigeru; Hattori, Katsuhide; Fukatsu, Yoshiaki; Moriyama, Hideo; and Sakakibara, Hidekazu, 4,511,412, Cl. 149-109.600.
  - Matsui, Fumio; Aono, Shin; Sakai, Hiroshi; Hattori, Katsuhide; and Kakino, Shigeru, 4,511,414, Cl. 149-109.600.
  - Takeuchi, Fumio; Takahashi, Masao; Hattori, Katsuhide; and Sakai, Hiroshi, 4,534,809, Cl. 149-3.000.
- Hattori, Katsuji: *See—*
  - Tanaka, Tsutomu; Tsujimoto, Yoshinobu; Serizawa, Hiroyuki; and Hattori, Katsuji, 4,498,730, Cl. 350-96.160.
- Hattori, Kazuhide: *See—*
  - Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, 4,500,597, Cl. 428-317.700.
- Hattori, Kiyoshi; and Myers, John H., to El Paso Polyolefins Company. Heat-sterilizable polyolefin compositions and articles manufactured therefrom. 4,536,549, 8-20-85, Cl. 525-240.000.
- Hattori, Kiyoshi; and Myers, John H., to El Paso Polyolefins Company. Heat-sterilizable polyolefin compositions and articles manufactured therefrom. 4,540,416, 9-10-85, Cl. 604-410.000.
- Hattori, Kyo: *See—*
  - Akagi, Motonobu; Kawabata, Yasuhiro; and Hattori, Kyo, 4,530,374, Cl. 137-625.300.
  - Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,491,815, Cl. 335-229.000.

Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,496,134, Cl. 251-65.000.

Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,533,847, Cl. 310-181.000.

Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, 4,546,338, Cl. 335-229.000.

Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,561,629, Cl. 251-65.000.

Ohumi, Takeharu; Kurahashi, Yasuo; Hattori, Kyo; and Sakurai, Kazuhiro, 4,535,815, Cl. 137-625.480.

Hattori, Makoto; Taguma, Akihiro; and Takeshita, Akira, to Sumitomo Chemical Company, Limited. Process for producing 1,4-diaminoanthraquinone-2-sulfonic acid. 4,510,087, 4-9-85, Cl. 260-371.000.

Hattori, Makoto; Taguma, Akihiro; Morimitsu, Toshihiko; and Takeshita, Akira, to Sumitomo Chemical Company, Limited. Process for producing anthraquinone compounds. 4,519,947, 5-28-85, Cl. 260-371.000.

Hattori, Masaaki: *See—*

Yoshihara, Mitsuo; Morikawa, Yoshitada; Yamamoto, Yasuo; Komada, Mitsuharu; and Hattori, Masaaki, 4,560,713, Cl. 523-400.000.

Hattori, Masaichi; Hara, Shigeo; and Manabe, Shunichi, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Electromagnetic assembly. 4,540,965, 9-10-85, Cl. 335-259.000.

Hattori, Masayuki; Nakamura, Shigeo; and Yairo, Osamu, to Fanuc Ltd. Power switching transistor drive circuit. 4,562,361, 12-31-85, Cl. 307-270.000.

Hattori, Morihisa, to Nikko Kakoozai Co., Ltd. Personal wearing article. 4,553,550, 11-19-85, Cl. 128-505.000.

Hattori, Motoichi; and Ishigo, Hideyasu, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic telephone answering and recording apparatus. 4,514,593, 4-30-85, Cl. 179-2.00A.

Hattori, Motonobu; Ishibashi, Akira; Ishida, Hiromi; and Nandoh, Kenji, to Hitachi, Ltd. Power inverter with overload protection apparatus. 4,527,214, 7-2-85, Cl. 361-96.000.

Hattori, Motonobu: *See—*

Mutoh, Nobuyoshi; Sakai, Keijiro; Hattori, Motonobu; and Nagato, Yuichiro, 4,562,524, Cl. 363-41.000.

Hattori, Noboru; and Suzuki, Yoshitomo, to Nissan Motor Company, Limited. Fluid control valve. 4,495,962, 1-29-85, Cl. 137-117.000.

Hattori, Nobuoto: *See—*

Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.

Hattori, Nobutaka: *See—*

Sato, Akihiro; Kikuta, Kazutsune; Uwai, Toshihiro; Matsuda, Kenji; and Hattori, Nobutaka, 4,533,705, Cl. 526-114.000.

Hattori, Noriaki: *See—*

Ishii, Masami; Arai, Fuminao; Hattori, Noriaki; and Mita, Junichi, 4,553,015, Cl. 219-121.0ED.

Hattori, Osamu; and Tamura, Shingo, to Hitachi, Ltd. Pickup device. 4,538,254, 8-27-85, Cl. 369-43.000.

Hattori, Satoru: *See—*

Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, 4,500,597, Cl. 428-317.700.

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,504,617, Cl. 524-426.000.

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,552,689, Cl. 252-511.000.

Hattori, Seiichi; and Kanda, Kunio, to Fanuc Ltd. Apparatus for controlling writing of data into a memory having different read and write times. 4,520,458, 5-28-85, Cl. 364-900.000.

Hattori, Seiichi: *See—*

Komiya, Hidetsugu; and Hattori, Seiichi, 4,544,971, Cl. 360-96.500.

Hattori, Seiji, to Daidotokushuko Kabushikikaisha. Threadedly fixing apparatus. 4,553,301, 11-19-85, Cl. 29-237.000.

Hattori, Seiziro: *See—*

Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, 4,517,299, Cl. 435-197.000.

Hattori, Shigenori, to Brother Kogyo Kabushiki Kaisha. Reversible ink ribbon feed mechanism. 4,502,803, 3-5-85, Cl. 400-219.200.

Hattori, Shigeo: *See—*

Mori, Yasuhiko; Hattori, Shigeo; Masaoka, Isao; and Itow, Hisao, 4,512,820, Cl. 148-12.70N.

Hattori, Shigeru: *See—*

Tsunoda, Kazuhiko; and Hattori, Shigeru, 4,533,153, Cl. 280-277.000.

Hattori, Shinichiro; Hosoda, Seiichi; and Takamatsu, Takeshi, to Olympus Optical Co., Ltd. Endoscope apparatus. 4,524,761, 6-25-85, Cl. 128-6.000.

Hattori, Shinichiro, to Olympus Optical Co., Ltd. Endoscope apparatus. 4,527,552, 7-9-85, Cl. 128-6.000.

Hattori, Shinichiro: *See—*

Sato, Ken; Takahashi, Yutaka; Tsukaya, Takashi; Kato, Shinichi; and Hattori, Shinichiro, 4,561,429, Cl. 128-6.000.

Hattori, Tadashi: *See—*

Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, 4,523,552, Cl. 123-143.00B

Ootsuka, Yoshinori; Hattori, Tadashi; Yamamoto, Minoru; and Ozaki, Tadashi, 4,537,065, Cl. 73-117.300.

Ozaki, Tadashi; Hattori, Tadashi; Miura, Kazuhiko; Hanaoka, Masanori; and Hashiguchi, Yukihide, 4,492,109, Cl. 73-35.000.

Sato, Susumu; Hattori, Tadashi; Ueno, Yoshiki; and Taguchi, Takashi, 4,556,599, Cl. 428-216.000.

Hattori, Takashi, to Toyota Jidosha Kabushiki Kaisha. Method of controlling air-fuel ratio. 4,561,400, 12-31-85, Cl. 123-478.000.

Hattori, Takashi: *See—*

Ito, Toshimitsu; Isobe, Toshiaki; and Hattori, Takashi, 4,550,373, Cl. 364-431.040.

Kobayashi, Nobuyuki; and Hattori, Takashi, 4,495,926, Cl. 123-486.000.

Kobayashi, Nobuyuki; and Hattori, Takashi, 4,561,399, Cl. 123-478.000.

Hattori, Takatoshi, to Mitsubishi Denki Kabushiki Kaisha. Coil inserter. 4,536,954, 8-27-85, Cl. 29-736.000.

Hattori, Takemi; and Esaki, Kozo, to Aisin Seiki Kabushiki Kaisha; and Toyota Jidosha Kogyo Kabushiki Kaisha. Lumber support system for a vehicle seat. 4,491,364, 1-1-85, Cl. 297-284.000.

Hattori, Takemi, to Aisin Seiki Kabushiki Kaisha. Lumbar support adjusting apparatus. 4,534,592, 8-13-85, Cl. 297-284.000.

Hattori, Takeshi: *See—*

Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, 4,550,638, Cl. 84-431.000.

Hattori, Tetsuya: *See—*

Yoshikawa, Hiroshi; Hattori, Tetsuya; and Sato, Hideaki, 4,553,674, Cl. 211-26.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. Hydraulic torque converter for vehicles. 4,493,402, 1-15-85, Cl. 192-326.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt transmission apparatus. 4,512,753, 4-23-85, Cl. 474-242.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt. 4,522,613, 6-11-85, Cl. 474-245.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt transmission apparatus. 4,526,561, 7-2-85, Cl. 474-242.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. Motor vehicle transmission having a variable pulley in parallel with an interlocking gear. 4,530,256, 7-23-85, Cl. 74-689.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. Interlocking driving belt. 4,547,181, 10-15-85, Cl. 474-204.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt transmission apparatus. 4,552,548, 11-12-85, Cl. 474-201.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt transmission device. 4,552,549, 11-12-85, Cl. 474-202.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. Belt type continuous reduction gear mechanism. 4,560,369, 12-24-85, Cl. 474-28.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt power transmission. 4,560,370, 12-24-85, Cl. 474-201.000.

Hattori, Torao, to Honda Giken Kogyo Kabushiki Kaisha. V-belt transmission apparatus. 4,560,371, 12-24-85, Cl. 474-201.000.

Hattori, Torao: *See—*

Nishikawa, Masao; Hattori, Torao; Aoki, Takashi; and Yoshizawa, Hiroshi, 4,513,638, Cl. 74-866.000.

Hattori, Toshihiko; Akagi, Yuji; and Kohara, Hideo, to Toyo Kogyo Co., Ltd. Vane type rotary compressor having a wear resistant resin coating. 4,509,906, 4-9-85, Cl. 418-152.000.

Hattori, Yasuo; Morita, Hideo; and Inoki, Yoshihiro, to Asahi Kasei Kogyo Kabushiki Kaisha. Random styrene-butadiene copolymer rubber. 4,547,560, 10-15-85, Cl. 526-340.000.

Hattori, Yoshiaki; and Ishihara, Makoto, to Noritake Co., Limited. Carbon fiber-reinforced gypsum models and forming molds. 4,552,329, 11-12-85, Cl. 249-134.000.

Hattori, Yoshifumi: *See—*

Takatori, Yasushi; Yano, Yasuhiro; and Hattori, Yoshifumi, 4,499,480, Cl. 346-140.00R.

Hattori, Yoshihiro; Watanabe, Takashi; and Maeda, Kunio, to Asahi Kasei Kogyo Kabushiki Kaisha. Polyacetal resin composition excellent in heat stability and surface processability and process for surface treating same. 4,521,488, 6-4-85, Cl. 428-409.000.

Hattori, Yoshinori: *See—*

Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, 4,511,402, Cl. 75-233.000.

Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, 4,521,358, Cl. 264-65.000.

Shimamori, Toru; Hattori, Yoshinori; and Matsuo, Yasushi, 4,499,192, Cl. 501-97.000.

Hattori, Yoshio: *See—*

Suzuki, Isamu; and Hattori, Yoshio, 4,535,274, Cl. 318-254.000.

Hattori, Yoshiyuki: *See—*

Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.

Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,493,620, Cl. 417-366.000.

Takei, Toshihiro; Goshima, Takahiro; Hattori, Yoshiyuki; and Matsui, Kazuma, 4,494,943, Cl. 474-28.000.

Takei, Toshihiro; Hattori, Yoshiyuki; and Ohnishi, Shunsaku, 4,538,958, Cl. 415-53.00T.

Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,492,515, Cl. 415-53.00T.

Watanabe, Kiyohiko; Hattori, Yoshiyuki; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,556,363, Cl. 415-53.00T.

Hattori, Yuji: *See—*

Takahashi, Masaaki; Hattori, Yuji; and Igarashi, Yuriko, 4,557,755, Cl. 71-100.000.

Hattori, Yukiro: *See—*
Friedman, Harry; Sengoku, Isao; Hattori, Yukiro; and Isikawa, Minoru, 4,535,539, Cl. 30-161.000.

Hattrich, George A.; and Byron, Stephen J., to Reichhold Chemicals, Incorporated. Stain resistant polymeric insulating compositions. 4,514,539, 4-30-85, Cl. 524-436.000.

Hatz, Ernst; and Absenger, Erich, to Motorenfabrik Hatz GmbH & Co. KG. Mechanism for actuating the valve rockers of an internal combustion engine. 4,510,897, 4-16-85, Cl. 123-90.480.

Hatzell, Paul H. Combined chisel plow, rod weeder and drill. 4,537,261, 8-27-85, Cl. 172-44.000.

Hatzenbuhler, John R.; and Lindl, Thomas A. Laser barrier. 4,558,093, 12-10-85, Cl. 524-837.000.

Hatzikelis, Christopher; Madonia, Ciro; and Cosentino, Cesare C. Recycling of contaminated plastic. 4,493,806, 1-15-85, Cl. 264-28.000.

Hatzikelis, Christopher: *See—*
Madonia, Ciro; Hatzikelis, Christopher; and Cosentino, Cesare C., 4,546,022, Cl. 428-31.000.

Hau, Antonin; Srubar, Jiri ; Esenovskij-Laskov, Jurij K.; and Giruckij, Olgert I., to Ustav pro vyzkum motorovych vozidel. Automatic differential transmission gear. 4,545,264, 10-8-85, Cl. 74-688.000.

Haub, Martin: *See—*
Rau, Karl; and Haub, Martin, 4,532,491, Cl. 338-33.000.

Haubert, Steven D.; and Indrelunas, Stephen T., to Aeroquip Corporation. Crimped hose fitting. 4,548,430, 10-22-85, Cl. 285-256.000.

Haubner, Georg; and Schmid, Hans-Dieter, to Robert Bosch GmbH. Magneto ignition system, particularly for one-cylinder internal combustion engines. 4,515,118, 5-7-85, Cl. 123-149.00C.

Hauck, Gunther. Flux drying apparatus and method. 4,525,936, 7-2-85, Cl. 34-33.000.

Hauck Manufacturing Company: *See—*
Marino, John A.; Strohl, Roderick G., Jr.; and Yost, Robert B., 4,559,009, Cl. 431-184.000.

Hauck, Robert B.; and Susami, Larry, to General Electric Company. Angulating lateral fluoroscopic suspension. 4,501,011, 2-19-85, Cl. 378-196.000.

Hauck, William M.: *See—*
Gerstmann, Joseph; Hauck, William M.; Raymond, Robert; and Swenson, Paul F., Jr., 4,501,253, Cl. 123-527.000.

Haudum, Adolf: *See—*
Hirnbock, Rudolf; and Haudum, Adolf, 4,537,417, Cl. 280-602.000.

Hauer, Jean-Claude; and Oger, Jacques, to Pont-a-Mousson S.A. Grating for a highway construction in particular for a sewer opening. 4,494,891, 1-22-85, Cl. 404-4.000.

Hauer, Jean-Claude: *See—*
Oger, Jacques; Hauer, Jean-Claude; and Freis, Jean-Louis, 4,499,695, Cl. 52-19.000.

Hauers, Manfred; and Baur, Walter, to Rovema Verpackungsmaschinen GmbH & Co. KG. Packaging machine. 4,524,566, 6-25-85, Cl. 53-534.000.

Haufe, Paul: *See—*
Brusis, Otto; Maiter, Sigurd; and Haufe, Paul, 4,517,621, Cl. 361-231.000.

Haug, Theobald; and Stockinger, Friedrich, to Ciba-Geigy Corporation. Curable epoxy resin mixtures. 4,518,748, 5-21-85, Cl. 525-481.000.

Haug, Theobald; and Stockinger, Friedrich, to Ciba-Geigy Corporation. Heat-curable epoxy resin mixtures containing imide compounds and condensation products of phenols, amines and aldehydes or ketones. 4,552,935, 11-12-85, Cl. 525-488.000.

Haug, Theobald: *See—*
Darms, Roland; Beyeler, Harry; and Haug, Theobald, 4,496,794, Cl. 174-68.500.
Darms, Roland; Haug, Theobald; and Beyeler, Harry, 4,503,285, Cl. 174-68.500.
Darms, Roland; Beyeler, Harry; and Haug, Theobald, 4,562,119, Cl. 428-458.000.
Stockinger, Friedrich; and Haug, Theobald, 4,500,691, Cl. 525-503.000.

Haug, Walter, to Karl Kassbohrer Fahrzeugwerke GmbH. Vehicle with detachable implement. 4,509,768, 4-9-85, Cl. 280-479.00R.

Haug, Walter; and Zambelli, Hans D., to Karl Kassbohrer Fahrzeugwerke BmbH. Apparatus for forming cross country skiing tracks in a snow covered surface. 4,560,303, 12-24-85, Cl. 404-118.000.

Haug, Walter: *See—*
Scheibel, Horst; and Haug, Walter, 4,523,398, Cl. 37-220.000.
Wieland, Erwin H.; and Haug, Walter, 4,559,725, Cl. 37-197.000.

Haug, Werner, to Frama AG. Setting mechanism for type wheels of a printing device. 4,520,725, 6-4-85, Cl. 101-91.000.

Haug, Werner. *See—*
Clemen, Rainer; and Haug, Werner, 4,494,018, Cl. 307-482.000.

Hauge, Raymond C.; and Mycynek, Victor G., to Zenith Electronics Corporation. Compensated inverting/noninverting differential amplifier. 4,536,717, 8-20-85, Cl. 330-254.000.

Haugen, Gary; and Amundson, Everett, to Impact Roller, Inc. Impact roller structure. 4,523,674, 6-18-85, Cl. 198-843.000.

Haugen, Olav A.: *See—*
Tvedt, Kare E.; Kopstad, Guennar; and Haugen, Olav A., 4,499,670, Cl. 34-143.000.

Haugen, Orville C., to Minnesota Mining and Manufacturing Company. Pressure roll cleaning system. 4,509,225, 4-9-85, Cl. 15-256.510.

Haugen, Paul R., to Honeywell Inc. Systolic computational array. 4,546,445, 10-8-85, Cl. 364-728.000.

Hauger, Josef: *See—*
Madge, Werner; Vogelhuber, Peter; Stellmach, Dieter; and Hauger, Josef, 4,531,852, Cl. 400-692.000.

Haugh, Charles E.: *See—*
Mrenna, Stephen A.; Thomas, Glenn R.; and Haugh, Charles E., 4,503,408, Cl. 335-35.000.

Haugh, Eugene F.; Kitts, Earle L., Jr.; and Mickewich, Daniel J., to Du Pont de Nemours, E. I., and Company. Silver halide crystals with two surface types. 4,496,652, 1-29-85, Cl. 430-569.000.

Haugh, Granger. Microwave drying device and method. 4,549,053, 10-22-85, Cl. 219-10.55M.

Haught, David E.: *See—*
Blitchington, Frank H.; and Haught, David E., 4,556,903, Cl. 358-106.000.

Haught, Robert M. Leveling device for hemodynamic monitoring transducer assembly. 4,546,774, 10-15-85, Cl. 128-673.000.

Haugland, Tor-Arvid: *See—*
Boe, Jan; Haugland, Tor-Arvid; Selvaer, Ole-Kristian; and Kleiven, Atle, 4,552,086, Cl. 114-242.000.

Haugse, Albert L.: *See—*
Tolhurst, Gary A.; and Haugse, Albert L., 4,542,049, Cl. 427-388.100.

Haugwitz, Rudiger D.: *See—*
Sundeen, Joseph E.; Haugwitz, Rudiger D.; and Sprague, Peter W., 4,536,501, Cl. 514-225.000.
Varma, Ravi K.; and Haugwitz, Rudiger D., 4,529,548, Cl. 260-397.450.

Haugwitz, Werner, to SKF Kugellagerfabriken GmbH. Housing for roller bearings with lubricating means. 4,533,264, 8-6-85, Cl. 384-472.000.

Hauk, Peter: *See—*
Ziegler, Rolf; and Hauk, Peter, 4,524,643, Cl. 74-801.000.

Hauk, Waldemar; Krull, Klaus; and Welzenbach Manfred, to Licentia Patent-Verwaltungs-GmbH. Service integrated digital transmission system. 4,545,048, 10-1-85, Cl. 370-1.000.

Hauke, Dieter: *See—*
Heubach, Rainer; Marx, Reinhard; Kunz, Peter; and Hauke, Dieter, 4,536,385, Cl. 423-621.000.

Haukelt, Helmut: *See—*
Paersch, Michael; Mrotzek, Herbert; Haukelt, Helmut; and Schreckenberg, Heinz-Wilhelm, 4,501,593, Cl. 44-23.000.

Haulotte, Georges, to Societe des Ateliers de Construction. Supplementary equipment for use with a self-propelled crane with a telescopic jib. 4,498,596, 2-12-85, Cl. 212-189.000.

Hauner, Wigbert: *See—*
Meislitzer, Karl H.; and Hauner, Wigbert, 4,498,866, Cl. 432-239.000.

Hauni-Werke Korber & Co. KG: *See—*
Adebahr, Klaus, 4,548,215, Cl. 131-84.400.
Baese, Horst; and Tolasch, Gerhard, 4,507,040, Cl. 414-403.000.
Barbe, Karl-Heinz; and Berger, Erich, 4,503,867, Cl. 131-95.000.
Bleich, Ralf, 4,528,743, Cl. 29-568.000.
Born, Siegfried, 4,554,931, Cl. 131-84.400.
Brand, Peter; Lorenzen, Heinz-Christen; Heitmann, Uwe; and Menzel, Peter, 4,543,816, Cl. 73-37.600.
Elsner, Uwe; and Komossa, Werner, 4,557,074, Cl. 51-5.00D.
Erdmann, Otto; and Deutsch, Reinhard, 4,503,967, Cl. 198-419.000.
Grasse, Hans-Jochen; and Gomann, Rolf, 4,538,629, Cl. 131-282.000.
Greve, Heinz; and Wahle, Gunter, 4,510,885, Cl. 118-674.000.
Heitmann, Uwe; and Muller, Heidi, 4,558,586, Cl. 73-38.000.
Henle, Karl, 4,530,251, Cl. 74-89.150.
Henzelin, Bernard; and Courbat-Chavanne, Bernard, 4,513,758, Cl. 131-291.000.
Hinzmann, Alfred, 4,538,626, Cl. 131-84.400.
Hoffmann, Gottfried; Deutsch, Reinhard; and Pohl, Klaus-Jurgen, 4,526,268, Cl. 198-419.000.
Hoffmann, Gottfried, 4,556,071, Cl. 131-84.400.
Janutta, Reinhard; and Redeker, Werner, 4,502,456, Cl. 125-11.0CD.
Kasparek, Alois; and Burger, Jurgen, 4,551,040, Cl. 406-28.000.
Koch, Franz P., 4,538,450, Cl. 73-38.000.
Kruse, Friedel, 4,548,019, Cl. 53-170.000.
Lewandowski, Willi, 4,551,953, Cl. 51-268.000.
Lindemann, Rolf, 4,535,792, Cl. 131-281.000.
Lorenzen, Heinz-Christen; Heitmann, Uwe; Petersen, Kurt-Eckart; and Pinck, Peter, 4,537,206, Cl. 131-281.000.
Menge, Gunter, 4,541,521, Cl. 198-463.500.
Redeker, Werner; and Uhlig, Uwe, 4,509,892, Cl. 414-223.000.
Siems, Wolfgang, 4,528,841, Cl. 73-38.000.
Vock, Jurgen; Pinck, Peter; Lange, Norbert; Schmalfeld, Erwin; and Petersen, Kurt-Eckard, 4,500,770, Cl. 219-121.0LK.
von Wichert, Nils; and Schwenke, Dieter, 4,502,908, Cl. 156-350.000.
Wochnowski, Waldemar; Hohm, Reinhard; Liebe, Reinhard; and Muss, Manfred, 4,513,759, Cl. 131-303.000.

Haunold, Otto: *See—*
Cook, William E.; Vodian, Morton A.; and Haunold, Otto, 4,495,150, Cl. 422-99.000.

Haupt, Heinrich: *See—*
Bonten, Heinz; Nielinger, Werner; Michael, Dietrich; and Haupt, Heinrich, 4,525,505, Cl. 524-100.000.
Brassat, Bert; Buysch, Hans-Josef; Hermann, Karl H.; and Haupt, Heinrich, 4,551,495, Cl. 524-94.000.

Haupt, Herbert, to International Standard Electric Corporation. Process for manufacturing glass fiber optical waveguides. 4,501,601, 2-26-85, Cl. 65-2.000.

Haupt, Randy L. Simultaneous nulling in the sum and difference patterns of a monopulse radar antenna. 4,555,706, 11-26-85, Cl. 343-379.000.
Haupt, Robert C., to Allis-Chalmers Corporation. Transmission shifting mechanism. 4,524,634, 6-25-85, Cl. 74-473.00R.
Haupt, Werner, to Otto Bock Orthopadische Industrie KG. Prosthetic foot. 4,506,395, 3-26-85, Cl. 3-6.000.
Hauptman, Murray L. Threadless feed screw. 4,535,643, 8-20-85, Cl. 74-89.000.
Hauptman, Zdenek V.: *See—*
  Banister, Arthur J.; Hauptman, Zdenek V.; and Kendrick, Aidan G., 4,555,316, Cl. 204-59.00R.
Hauptmann, Edward G., to Wescam Services Inc. Apparatus for treating flue gas and methanol containing effluents. 4,511,379, 4-16-85, Cl. 55-238.000.
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Hauptmann, Rudolf: *See—*
  Beyer, Guenter; Hauptmann, Rudolf; and Peters, Rainer, 4,531,125, Cl. 343-7.900.
Haury, Andre: *See—*
  Belbel, Elie; Blanchard, Christian; Lauraire, Michel; Fechant, Louis; and Haury, Andre, 4,513,270, Cl. 335-195.000.
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Haury, Gilbert E.; Patel, Nathalal G.; Lockard, Walter G.; and Wiatrak, Thomas R., to Invacare Corporation. Sports wheelchair. 4,500,102, 2-19-85, Cl. 280-242.0WC.
Haury, John F.; and Hensley, Charles T., to Ore-Ida Foods, Inc. Process for preparing low calorie french fry product. 4,542,030, 9-17-85, Cl. 426-262.000.
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  - Lee, Denny L. Y.; and Hay, Robert D., 4,498,048, Cl. 324-307.000.
- Hay, Robert R.: *See—*
  - Wright, Conrad L.; Bearrs, James G.; Chan, C. S.; Hay, Robert R.; and Ura, Frank, 4,535,343, Cl. 346-140.00R.
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  - Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.
- Hayakawa, Hiroshi: *See—*
  - Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, 4,527,606, Cl. 152-209.00R.
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  - Hayakawa, Shinichi, 4,529,111, Cl. 224-163.000.
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- Hayakawa, Kimiaki: *See—*
  - Kitajima, Tadayuki; Hayakawa, Kimiaki; Ueda, Noriyoshi; and Hiroi, Masakazu, 4,544,148, Cl. 271-3.100.
- Hayakawa, Kiyoharu: *See—*
  - Takahashi, Hideaki; Hayakawa, Kiyoharu; Kondo, Haruyoshi; and Takeuchi, Takashi, 4,500,412, Cl. 204-425.000.
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  - Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, 4,502,930, Cl. 204-160.100.
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  - Kinoshita, Masao; Yamanaka, Teruo; Hayakawa, Kizo; and Sugimoto, Takao, 4,545,238, Cl. 73-117.300.
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  - Sakai, Takayoshi; Mizoguchi, Kiyohisa; and Hayakawa, Masazumi, 4,539,634, Cl. 364-167.000.
- Hayakawa, Naoki: *See—*
  - Iwamoto, Tomiyuki; Hayakawa, Naoki; Honda, Haruo; and Maruyama, Teppei, 4,548,605, Cl. 604-410.000.
- Hayakawa, Noriyuki: *See—*
  - Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.
- Hayakawa Rubber Co. Ltd.: *See—*
  - Yamaji, Hajime; and Kobayashi, Takeshi, 4,558,875, Cl. 277-227.000.
- Hayakawa, Seiji: *See—*
  - Oguma, Tomio; and Hayakawa, Seiji, 4,530,339, Cl. 123-561.000.
- Hayakawa, Shinichi, to Hayakawa Industry Co., Ltd. Buckle for a belt. 4,529,111, 7-16-85, Cl. 224-163.000.
- Hayakawa, Shohei: *See—*
  - Ozone, Takashi; Hayakawa, Shohei; Nakajima, Fusao; Yamada, Keiichi; and Araki, Kazuo, 4,527,356, Cl. 51-101.00R.
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Hayakawa, Takahiro: *See—*
  Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, 4,503,821, Cl. 123-357.000.
Hayakawa, Takaki: *See—*
  Kikuchi, Masakazu; Hayakawa, Takaki; and Kida, Makoto, 4,518,698, Cl. 435-317.000.
Hayakawa, Tomohiko: *See—*
  Atsumi, Haruo; Iwakiri, Norio; Kiyono, Yasuhiro; and Hayakawa, Tomohiko, 4,556,768, Cl. 200-302.200.
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Hayakawa, Yoichi; and Ito, Yasunobu, to Aisin Warner Kabushiki Kaisha. Hydraulic control system for four-wheel drive transfer mechanism for vehicles. 4,503,927, 3-12-85, Cl. 180-247.000.
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Hayakawa, Yoichi: *See—*
  Sakakibara, Shiro, and Hayakawa, Yoichi, 4,545,779, Cl. 474-240.000.
Hayakawa, Yoshikazu, to Nissan Motor Company, Limited. Transmission housing. 4,506,561, 3-26-85, Cl. 74-606.00R.
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  Fukuda, Katsumi; Ebihara, Masaharu; Hayakumo, Tadahiko, and Todoroki, Tsunehiko, 4,541,326, Cl. 98-40.250.
  Todoroki, Tsunehiko; Hayakumo, Tadahiko; and Fukuda, Katsumi, 4,531,988, Cl. 148-402.000.
Hayama, Kazuhide: *See—*
  Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, 4,500,597, Cl. 428-317.700.
Hayama, Nobuhiro; Kinjyo, Masasige; Okimoto, Haruo; and Matsuda, Ikuo, to Mazda Motor Corporation. Intake system for an internal combustion engine. 4,494,506, 1-22-85, Cl. 123-348.000.
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  Watanabe, Koya; Yamazaki, Katuo; and Hayama, Sadaji, 4,548,532, Cl. 409-233.000.
Hayami, Hiroshi; Kuroda, Yasuo; Kikuchi, Makoto; and Koshi, Kenji, to Nippon Kayaku Kabushiki Kaisha. Process for producing polychlorobenzonitrile. 4,530,797, 7-23-85, Cl. 260-465.00C.
Hayami, Ryozo: *See—*
  Ebata, Yoshihiro; Tamari, Nobuyuki; Toihana, Yasuo; and Hayami, Ryozo, 4,525,387, Cl. 427-190.000.
  Ebata, Yoshihiro; Kinoshita, Makoto; and Hayami, Ryozo, 4,529,459, Cl. 156-89.000.
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  Okigami, Noboru; Hayasaka, Hiroshi; Sekiguchi, Yoshitoshi; and Tamura, Harushige, 4,496,306, Cl. 431-8.000.
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  Nakata, Tohru; Endo, Hiroyuki; Harada, Masatoshi; Hayasaka, Tadao; and Miyamoto, Osamu, 4,552,590, Cl. 75-246.000.
Hayasaka, Toyoo: *See—*
  Kamata, Nobuo; Sekiya, Takashi; Takeda, Kazutoshi; Hayasaka, Toyoo; and Yoshida, Tomohisa, 4,520,087, Cl. 429-219.000.
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Hayase, Isao; Mizukami, Masao; and Kishi, Atsuo, to Hitachi, Ltd. Rotary compressor with inner and outer cylinders and axial insert type discharge valves. 4,515,513, 5-7-85, Cl. 418-101.000.
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Hayase, Shuzi; Onishi, Yasunobu; and Suzuki, Shuichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Photo-curable epoxy resin composition. 4,495,042, 1-22-85, Cl. 204-159.140.
Hayase, Tokuji: *See—*
  Ishikawa, Toshikatsu; Ichikawa, Hiroshi; Imai, Yoshikazu; Hayase, Tokuji; and Nagata, Yoichi, 4,507,354, Cl. 428-245.000.
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  Nagamine, Akio; Hayashi, Akira; Yoshida, Kazumasa; and Miyasaka, Kojiro, 4,500,614, Cl. 429-206.000.
  Narabayashi, Hirotaro; Kondo, Tomoyoshi; Hayashi, Akira; and Suzuki, Tomokazu, 4,497,826, Cl. 514-567.000.
  Tano, Tetsuo; and Hayashi, Akira, 4,507,223, Cl. 252-353.000.
Hayashi, Asao; Aoki, Masahiro; Oinoue, Kenichi; and Ida, Masatoshi, to Olympus Optical Co., Ltd. Method of detecting focusing conditions. 4,540,881, 9-10-85, Cl. 250-201.000.
Hayashi, Asao; Oinoue, Kenichi; Aoki, Masahiro; and Ida, Masatoshi, to Olympus Optical Company Limited. Apparatus and method for detecting focus condition of imaging optical system employing both sharpness detection and lateral shift detection. 4,562,346, 12-31-85, Cl. 250-201.000.
Hayashi, Asao: *See—*
  Aoki, Masahiro; Nakamura, Junichi; Ida, Masatoshi; Oinoue, Kenichi; and Hayashi, Asao, 4,562,345, Cl. 250-201.000.
  Ida, Masatoshi; Oinoue, Kenichi; Aoki, Masahiro; and Hayashi, Asao, 4,503,467, Cl. 358-212.000.
  Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, 4,492,449, Cl. 354-407.000.
Hayashi, Chihiro; and Nakasuji, Kazuyuki, to Sumitomo Metal Industries, Ltd. Method of manufacturing hollow rods. 4,510,787, 4-16-85, Cl. 72-368.000.
Hayashi, Chihiro; and Nakasuji, Kazuyuki, to Sumitomo Metal Industries, Ltd. Method of manufacturing metallic materials having a circular cross section. 4,512,177, 4-23-85, Cl. 72-368.000.
Hayashi, Chikahisa, and Kanayama, Masakatsu, to Toyoda Gosei Co., Ltd. Leakage inspection device for brake hoses. 4,553,212, 11-12-85, Cl. 364-507.000.
Hayashi, Chikahisa: *See—*
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Hayashi, Gentaro; Yamamoto, Kenji; and Kuraseko, Takao, to Sanyo Electric Co., Ltd. Washing machine. 4,494,390, 1-22-85, Cl. 68-23.700.
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  Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.
Hayashi, Hideki; Endo, Sadayoshi; Ito, Yukio; and Takagi, Satoshi, to Clarion Co., Ltd. Auto-reverse mechanism for use in magnetic recording/reproducing apparatus. 4,497,001, 1-29-85, Cl. 360-74.200.
Hayashi, Hideki; Ito, Yukio; Akiike, Yukio; and Kinoshita, Shigeo, to Clarion Co., Ltd. Tape end detecting device in a tape player. 4,511,103, 4-16-85, Cl. 242-186.000.
Hayashi, Hideki; and Kikuchi, Kenichi, to Sumitomo Electric Industries, Ltd. Semiconductor device integrating a laser and a transistor. 4,521,888, 6-4-85, Cl. 372-50.000.
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Hayashi, Hideo; Takamatsu, Iwao; and Nakai, Ikuo, to Fuji Electric Co., Ltd. Electrical switch. 4,491,705, 1-1-85, Cl. 200-147.00R.
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  Tsuchiya, Shozo; Sasaki, Makoto; Oshima, Akio; and Hayashi, Hideo, 4,552,923, Cl. 525-68.000.
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  Izutani, Kouji; Shigeta, Isamu; Nara, Akio; and Hayashi, Hidetaka, 4,539,108, Cl. 210-104.000.
Hayashi, Hiroaki; Kandori, Toshio; and Fukushima, Yoshiaki, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Cellular glass coated with a heat insulator. 4,552,806, 11-12-85, Cl. 428-312.600.
Hayashi, Hiroaki: *See—*
  Akutagawa, Hitoshi; Shigemasa, Masayoshi; and Hayashi, Hiroaki, 4,541,503, Cl. 180-249.000.
Hayashi, Hiromu: *See—*
  Hattori, Akira; Hayashi, Hiromu; Shinagawa, Akio; and Shinogi, Tsuyoshi, 4,517,640, Cl. 364-200.000.
Hayashi, Hiroshi; and Kuwashima, Junji, to Asahi Kasei Kogyo Kabushiki Kaisha, and Dainippon Pharmaceutical Co., Ltd. Protein having antitumor activity. 4,529,594, 7-16-85, Cl. 514-12.000.
Hayashi, Hiroshi: *See—*
  Takaki, Hideki; Hayashi, Hiroshi; Ono, Shigetoshi; and Okamura, Hisashi, 4,506,002, Cl. 430-215.000.
  Yamamoto, Saburo; Hayashi, Hiroshi; and Yano, Seiki, 4,546,481, Cl. 372-48.000.
Hayashi, Hirro, to Tsukuni, Yumi, a part interest. Pencil sharpener. 4,506,716, 3-26-85, Cl. 145-3.500.
Hayashi, Hisao: *See—*
  Ito, Koji; Onishi, Masanori; and Hayashi, Hisao, 4,527,283, Cl. 382-9.000.
  Zenitani, Hideki; Oka, Akira; Okamoto, Itsuo; Hayashi, Hisao; and Taniguchi, Masajiro, 4,496,057, Cl. 211-26.000.
Hayashi, Ikuo; Itikawa, Tadao; Ogihara, Keizo; and Shimizu, Kiyoshi, to Nitto Boseki Co. Ltd. Process for producing sequential polyamino acid resin. 4,525,576, 6-25-85, Cl. 528-313.000.
Hayashi, Ikuo; Ogihara, Keizo; Itikawa, Tadao; and Shimizu, Kiyoshi, to Nitto Boseki Co. Ltd. Process for acylation with novel acylating agent. 4,559,172, 12-17-85, Cl. 260-112.50R.
Hayashi, Ikuo: *See—*
  Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,533,847, Cl. 310-181.000.
  Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,561,629, Cl. 251-65.000.
Hayashi, Isao, to Nissan Motor Company, Limited. Engine lubricating system. 4,512,298, 4-23-85, Cl. 123-196.00R.
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Hayashi, Jun: *See—*
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  Matsumoto, Kenji; Yamamoto, Shoichi; and Hayashi, Jun, 4,547,798, Cl. 358-44.000.
Hayashi, Junichi, to Yamato Scale Company, Limited. Weighing device of load cell type. 4,509,610, 4-9-85, Cl. 177-211.000.
Hayashi, Junnosuke; Tanibuchi, Teruo; and Yamamoto, Shinji, to UBE Industries, Ltd. Bead filler rubber composition. 4,532,291, 7-30-85, Cl. 524-496.000.

- Hayashi, Kanji: *See—*
  - Muraki, Ryoji; Numata, Seiiti; and Hayashi, Kanji, 4,545,009, Cl. 364-164.000.
- Hayashi, Katsumi, to Lubrizol Corporation, The. Combinations of carboxylic acylating agents substituted with olefin polymers of high and low molecular weight mono-olefins, derivatives thereof, and fuels and lubricants containing same. 4,509,955, 4-9-85, Cl. 44-62.000.
- Hayashi, Katsumi, to Fujitsu Limited. Data processing system for data base management of matrix type data. 4,555,771, 11-26-85, Cl. 364-900.000.
- Hayashi, Katsumi: *See—*
  - Dorer, Casper J., Jr.; and Hayashi, Katsumi, 4,559,155, Cl. 252-73.000.
  - Ohmura, Kunioki; Torigoe, Masaaki; Itoh, Isamu; and Hayashi, Katsumi, 4,500,632, Cl. 430-428.000.
- Hayashi, Kazuhiko: *See—*
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,516,652, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,864, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,865, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,537,272, Cl. 180-176.000.
- Hayashi, Kazutoshi: *See—*
  - Kamei, Seisuke; Tanaka, Toshiaki; Hayashi, Kazutoshi; Tanaka, Akira; and Kinoshita, Ryohei, 4,529,849, Cl. 200-5.00A.
- Hayashi, Kazuya: *See—*
  - Togawa, Hideo; Takezawa, Taihei; Watanabe, Masazumi; Hayashi, Kazuya; and Okuhara, Akira, 4,505,938, Cl. 426-46.000.
- Hayashi, Keizi: *See—*
  - Hashimoto, Kiyokazu; and Hayashi, Keizi, 4,492,988, Cl. 358-336.000.
- Hayashi, Keizo: *See—*
  - Hori, Yoshimi; Ishida, Takashi; and Hayashi, Keizo, 4,493,632, Cl. 425-393.000.
- Hayashi, Kenji: *See—*
  - Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, 4,551,777, Cl. 360-77.000.
- Hayashi, Kimiaki: *See—*
  - Yoneda, Naoto; Kato, Jyoji; Hayashi, Kimiaki; Ochiai, Takashi; and Kinashi, Keizo, 4,508,727, Cl. 514-398.000.
- Hayashi, Kiyoshi, to Nippon Kogaku K.K. Zoom lens. 4,497,547, 2-5-85, Cl. 350-427.000.
- Hayashi, Kiyoshi, to Mita Industrial Co., Ltd. Light deflector. 4,550,985, 11-5-85, Cl. 350-6.300.
- Hayashi, Kiyoshi; Hori, Setsuo; Hirata, Nobuyuki; Kobayashi, Kazuhiro; and Mizuno, Masayuki, to Mita Industrial Co., Ltd. Image-forming apparatus. 4,557,586, 12-10-85, Cl. 355-11.000.
- Hayashi, Kiyoshi: *See—*
  - Kawahara, Yoshihiro; and Hayashi, Kiyoshi, 4,516,141, Cl. 346-153.100.
  - Kawahara, Yoshihiro; and Hayashi, Kiyoshi, 4,518,975, Cl. 346-153.100.
  - Takeuchi, Kunihiko; Hayashi, Kiyoshi; and Shimomura, Yasuo, 4,526,491, Cl. 318-603.000.
- Hayashi, Kiyotaka: *See—*
  - Kamiya, Tadashi; and Hayashi, Kiyotaka, 4,554,990, Cl. 180-197.000.
  - Oe, Hidemi; and Hayashi, Kiyotaka, 4,542,506, Cl. 371-9.000.
- Hayashi, Koichi: *See—*
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  - Itoh, Shuji; and Hayashi, Koichi, 4,544,436, Cl. 156-549.000.
  - Shibata, Minoru; Hayashi, Koichi; and Abe, Katsumi, 4,531,287, Cl. 30-43.600.
- Hayashi, Koji: *See—*
  - Urai, Muneharu; Abe, Tadafumi; Haraguchi, Youichirou; Hayashi, Koji; and Kon, Shigeki, 4,519,862, Cl. 156-219.000.
- Hayashi, Kouji: *See—*
  - Nishiyama, Ryuzo; Fujikawa, Kanichi; Yokomichi, Isao; Haga, Takahiro; Nagatani, Kuniaki; and Hayashi, Kouji, 4,546,191, Cl. 546-303.000.
- Hayashi, Kunihisa; and Nogami, Takahiro, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for automatic control of driving speed. 4,519,469, 5-28-85, Cl. 180-169.000.
- Hayashi, Kyozo: *See—*
  - Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, 4,529,263, Cl. 350-96.200.
- Hayashi, Masaaki; and Sasaki, Hiroharu, to Dai Nippon Tokyo Co., Ltd. Non-aqueous dispersion type resin composition. 4,525,499, 6-25-85, Cl. 523-523.000.
- Hayashi, Masaharu; Tsuchikawa, Syunzo; and Itakura, Masato, to Aisin Seiki Kabushiki Kaisha. Engine cooling system. 4,519,343, 5-28-85, Cl. 123-41.490.
- Hayashi, Masaharu: *See—*
  - Nakamura, Ryuji; and Hayashi, Masaharu, 4,555,004, Cl. 192-58.00B.
  - Tsuchikawa, Shunzo; Hayashi, Masaharu; and Hori, Takanobu, 4,505,641, Cl. 416-189.000.
  - Yamaguchi, Hiroji; Hayashi, Masaharu; and Itakura, Masato, 4,544,053, Cl. 192-58.00B.
- Hayashi, Masahiro; Nozawa, Seiichi; and Oikawa, Takashi, to Mitsubishi Chemical Industries Limited. Aromatic polyester containing phenolphthalein unit and bis-phenol unit. 4,520,208, 5-28-85, Cl. 549-308.000.
- Hayashi, Masahiro; Shimizu, Makoto; Kobayashi, Kazuo; and Sekiya, Teruo, to Hitachi, Ltd. Continuous rolling mill. 4,522,051, 6-11-85, Cl. 72-235.000.
- Hayashi, Masahiro, to Mitsubishi Denki Kabushiki Kaisha. Support arrangement for AC motor. 4,541,603, 9-17-85, Cl. 248-679.000.
- Hayashi, Masahiro: *See—*
  - Aoyama, Fumihiko; Murata, Kazushige; and Hayashi, Masahiro, 4,528,152, Cl. 264-87.000.
- Hayashi, Masakatsu; and Fujie, Kunio, to Hitachi, Ltd. Expansion valve. 4,548,047, 10-22-85, Cl. 62-160.000.
- Hayashi, Masakazu, to Kabushiki Kaisha Hayashi Racing. Vehicle wheel attaching device. 4,537,449, 8-27-85, Cl. 301-9.0CN.
- Hayashi, Masakazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Image information output apparatus. 4,554,580, 11-19-85, Cl. 358-107.000.
- Hayashi, Masamichi: *See—*
  - Murata, Tomoji; Hayashi, Masamichi; Goto, Yasuo; and Sakurai, Seiichi, 4,518,249, Cl. 355-67.000.
- Hayashi, Masaru; and Okumura, Tomoyuki, to NGK Insulators, Ltd. Heating process for solidifying a crud. 4,559,171, 12-17-85, Cl. 252-629.000.
- Hayashi, Masaru: *See—*
  - Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.
- Hayashi, Masayoshi: *See—*
  - Okada, Tokuhiro; and Hayashi, Masayoshi, 4,491,926, Cl. 364-555.000.
- Hayashi, Masayuki; and Suzuki, Masatoshi, to Mitsubishi Jukogyo Kabushiki Kaisha. Washing device in a container sealing apparatus. 4,527,377, 7-9-85, Cl. 53-167.000.
- Hayashi, Michiaki: *See—*
  - Banno, Tsutomu; Hayashi, Michiaki; and Senso, Hitoshi, 4,549,120, Cl. 318-254.000.
- Hayashi, Mikio; Kawasumi, Kouzi; and Kimura, Yoshinobu, to Nippondenso Co., Ltd. Side-mirror driving apparatus. 4,540,252, 9-10-85, Cl. 350-634.000.
- Hayashi, Mikio, to Seikosha Co., Ltd. Multicolor cross-hammer printer. 4,553,864, 11-19-85, Cl. 400-121.000.
- Hayashi, Mikio: *See—*
  - Abe, Yasuaki; Hayashi, Mikio; Asagi, Kousaku; Morii, Akira; and Fujimura, Kazutoshi, 4,495,017, Cl. 156-181.000.
- Hayashi, Mishio, to Takeda Riken Co., Ltd. Interval-expanding timer. 4,523,288, 6-11-85, Cl. 364-569.000.
- Hayashi, Mishio, to Takeda Riken Co., Ltd. Period and frequency measuring instrument. 4,544,884, 10-1-85, Cl. 324-78.00R.
- Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, to Japanese National Railways; and Kyushu Tetsudo Kiki Mfg., Co., Ltd. Build-up spraying apparatus. 4,520,756, 6-4-85, Cl. 118-699.000.
- Hayashi, Mitsuji: *See—*
  - Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, 4,551,592, Cl. 200-67.00D.
  - Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, 4,561,045, Cl. 362-368.000.
- Hayashi, Mitsuo: *See—*
  - Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, 4,517,296, Cl. 435-119.000.
- Hayashi, Mitsuyoshi: *See—*
  - Kudo, Shiro; and Hayashi, Mitsuyoshi, 4,511,588, Cl. 426-302.000.
- Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, to Sharp Kabushiki Kaisha. Image recording arrangement. 4,491,853, 1-1-85, Cl. 346-76.0PH.
- Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, to Sharp Kabushiki Kaisha. Image recording arrangement. 4,560,992, 12-24-85, Cl. 346-76.0PH.
- Hayashi, Motoshige; Kobayashi, Toshirou; Yoshii, Motokazu; Tsubone, Masahiro; and Ishikawa, Mikio, to Sekisui Kaseihin Kogyo Kabushiki Kaisha. Method and apparatus for preparing multi-cellular foamed board of thermoplastic resin. 4,536,357, 8-20-85, Cl. 264-53.000.
- Hayashi, Motoshige; and Kobayashi, Toshiro, to Sekisui Kaseihin Kogyo Kabushiki Kaisha. Method for production of thermoplastic resin foams. 4,548,775, 10-22-85, Cl. 264-45.500.
- Hayashi, Motoshige: *See—*
  - Taniuchi, Akira; Nishibori, Setsuo; Komori, Hirohito; and Hayashi, Motoshige, 4,530,880, Cl. 428-402.000.
- Hayashi, Munehisa: *See—*
  - Wachi, Akira; and Hayashi, Munehisa, 4,517,838, Cl. 73-204.000.
- Hayashi, Nobuaki: *See—*
  - Morishita, Hajime; Akagi, Motoo; Nonogaki, Saburo; Hayashi, Nobuaki; and Uchino, Shoichi, 4,510,226, Cl. 430-144.000.
  - Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, 4,520,094, Cl. 430-144.000.
  - Nonogaki, Saburo; Hayashi, Nobuaki; and Tomita, Yoshifumi, 4,537,851, Cl. 430-144.000.
- Hayashi, Nobuhiro: *See—*
  - Ohkubo, Masaharu; Hayashi, Nobuhiro; and Aoki, Tomohiro, 4,498,755, Cl. 355-3.0DD.
- Hayashi, Nobutaka; and Komori, Yoshinori, to Sanyo Electric Co., Ltd. Video signal recording and reproducing apparatus, including means for discriminating the mode of multiplexing of an audio signal. 4,523,236, 6-11-85, Cl. 358-341.000.
- Hayashi, Nobutoshi: *See—*
  - Takagi, Shigeru; and Hayashi, Nobutoshi, 4,492,079, Cl. 60-274.000.

Hayashi, Nobuyuki: *See—*
  Ishimaru, Toshiaki; Tsukada, Katsushige; Hayashi, Nobuyuki; Koibuchi, Shigeru; and Isobe, Asao, 4,499,163, Cl. 430-5.000.
  Ishimaru, Toshiaki; Tsukada, Katsushige; and Hayashi, Nobuyuki, 4,544,625, Cl. 430-284.000.
  Kakumaru, Hajime; and Hayashi, Nobuyuki, 4,562,142, Cl. 430-288.000.

Hayashi, Osamu; Kurihara, Hideo; and Matsumoto, Yukio, to UBE Industries, Ltd. Process for producing hydrophilic polymers. 4,528,340, 7-9-85, Cl. 525-379.000.

Hayashi, Ryuzo: *See—*
  Suzuki, Toshitake; Hayashi, Ryuzo; Arai, Naoto; and Oeda, Yoshitaka, 4,523,205, Cl. 346-208.000.

Hayashi, Saburo; Tsuchiya, Hiroo; and Haruna, Kazuo, to Seitetsu Kagaku Co., Ltd. Process for obtaining high concentration argon by pressure-swing-adsorption. 4,529,412, 7-16-85, Cl. 55-25.000.

Hayashi, Satoru: *See—*
  Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, 4,550,638, Cl. 84-431.000.

Hayashi, Shigeki: *See—*
  Sakuraya, Toshikazu; Fujii, Tetsuya; Matsui, Shigeo; and Hayashi, Shigeki, 4,539,020, Cl. 55-26.000.

Hayashi, Shigeo: *See—*
  Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.

Hayashi, Shinobu: *See—*
  Miyaoka, Shinichiro; Sekozawa, Teruji; Funabashi, Motohisa; and Hayashi, Shinobu, 4,562,552, Cl. 364-510.000.

Hayashi, Shoichiro: *See—*
  Wagu, Masakatsu; Hayashi, Shoichiro; Murayama, Naohiro; and Sakagami, Teruo, 4,497,710, Cl. 210-635.000.

Hayashi, Shozo: *See—*
  Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,493,943, Cl. 174-25.00C.
  Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,506,107, Cl. 174-25.00C.
  Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,543,207, Cl. 252-570.000.
  Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,549,034, Cl. 17-17.0LF.

Hayashi, Shunichi: *See—*
  Yamamura, Yutaka; Kaneko, Tomomichi; and Hayashi, Shunichi, 4,504,571, Cl. 430-253.000.

Hayashi, Shuukichi: *See—*
  Omori, Norio; Tabe, Tsutomu; Ito, Katsunori; and Hayashi, Shuukichi, 4,501,250, Cl. 123-486.000.

Hayashi, Syohei: *See—*
  Ohno, Koji; Ohi, Nobukazu; and Hayashi, Syohei, 4,546,006, Cl. 427-2.000.

Hayashi, Takao: *See—*
  Matsuo, Masashi; Itoh, Katsuji; Hayashi, Takao; and Oda, Yoshio, 4,504,401, Cl. 252-8.750.

Hayashi, Takehiko; Ikuta, Hiroyuki; and Ohta, Takanori, to Toyoda Koki Kabushiki Kaisha. Crankpin rolling apparatus. 4,554,811, 11-26-85, Cl. 72-110.000.

Hayashi, Takehiko; Ikuta, Hiroyuki; and Shindo, Toshiki, to Toyoda Koki Kabushiki Kaisha. Fillet rolling machine. 4,559,798, 12-24-85, Cl. 72-81.000.

Hayashi, Takeshi, to Kyoeizoki Co., Ltd. Apparatus for containing easily solidifying powder and particles. 4,535,942, 8-20-85, Cl. 241-36.000.

Hayashi, Takeshi: *See—*
  Kishimoto, Yoshio; and Hayashi, Takeshi, 4,503,322, Cl. 219-505.000.

Hayashi, Takushi: *See—*
  Fukuda, Tomeichiro; Soda, Takashi; Furukawa, Ikuo; Hayashi, Takushi; Kumata, Fujio; and Nagano, Susumu, 4,548,777, Cl. 264-107.000.

Hayashi, Tetsuaki; Kabu, Masahiro; and Yamashita, Nobuyuki, to Kubota, Ltd. Agricultural tractor. 4,513,834, 4-30-85, Cl. 180-70.100.

Hayashi, Tomohiko: *See—*
  Umezono, Akimi; Kawasaki, Hironobu; Sato, Takashi; and Hayashi, Tomohiko, 4,497,850, Cl. 427-127.000.

Hayashi, Toshihiko: *See—*
  Matsuzaki, Yoshitomi; Hayashi, Toshihiko; and Kushibiki, Keizou, 4,537,159, Cl. 123-41.270.

Hayashi, Toshio: *See—*
  Tahara, Toshiyuki; Uehara, Hironobu; Hamazato, Kazuo; and Hayashi, Toshio, 4,491,706, Cl. 179-170.0NC.

Hayashi, Tsuneyuki, to Sony Corporation. Coil for electric motor. 4,507,637, 3-26-85, Cl. 336-65.000.

Hayashi, Tsutomu, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for arranging oil pressure pump in motor-cycle. 4,492,284, 1-8-85, Cl. 180-219.000.

Hayashi, Tsutomu, to Honda Giken Kogyo Kabushiki Kaisha. Interlock braking system for motorcycles. 4,494,800, 1-22-85, Cl. 303-6.00A.

Hayashi, Tsutomu: *See—*
  Uchibaba, Kouichi; Hayashi, Tsutomu; Ishikawa, Haruo; and Ohzono, Kouhei, 4,559,023, Cl. 464-30.000.

Hayashi, Yasuhiro; Deguchi, Naoyasu; Yamagami, Hiroyuki; Goda, Kensuke; and Hasebe, Kazunori, to Fuji Photo Film Co., Ltd. Color reversal light-sensitive materials. 4,554,245, 11-19-85, Cl. 430-567.000.

Hayashi, Yasuhiro: *See—*
  Yamagami, Hiroyuki; Hayashi, Yasuhiro; Deguchi, Naoyasu; and Imai, Kiyoshi, 4,558,000, Cl. 430-504.000.

Hayashi, Yasunori, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic clear circuit. 4,560,889, 12-24-85, Cl. 307-290.000.

Hayashi, Yoshiaki; Haraguchi, Kouichi; and Koshidaka, Yukio, to Yoshino Kogyosho Co. Ltd. Method of fabricating bottle-shaped container of saturated polyester. 4,524,045, 6-18-85, Cl. 264-521.000.

Hayashi, Yoshikatsu: *See—*
  Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, 4,547,274, Cl. 204-129.400.

Hayashi, Yoshikazu: *See—*
  Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,503,296, Cl. 200-61.270.
  Nakagawa, Takeo; Noguchi, Hiroyuki; Yanagisawa, Akira; Fuma, Toyoji; Tsuchida, Masanobu; Inagaki, Takehiro; and Hayashi, Yoshikazu, 4,531,705, Cl. 249-134.000.
  Suzuki, Masaru; Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,496,810, Cl. 200-61.540.

Hayashi, Yoshiki: *See—*
  Yamauchi, Toshiaki; Hibi, Tsuneo; Sasano, Kiyom and Hayashi, Yoshiki, 4,516,331, Cl. 34-77.000.

Hayashi, Yoshimasa; and Ogawa, Naoki, to Nissan Motor Company, Limited. Bearing beam structure. 4,497,292, 2-5-85, Cl. 123-195.00H.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Valve operating system of internal combustion engine. 4,515,116, 5-7-85, Cl. 123-90.430.

Hayashi, Yoshimasa; and Ogawa, Naoki, to Nissan Motor Company, Limited. Bearing beam structure of automotive engine. 4,515,119, 5-7-85, Cl. 123-198.00E.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Engine control system. 4,515,124, 5-7-85, Cl. 123-324.000.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Internal combustion engine. 4,520,771, 6-4-85, Cl. 123-195.00H.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Arrangement of boiling liquid cooling system of internal combustion engine. 4,538,554, 9-3-85, Cl. 123-41.210.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Cooling system for automotive engine or the like. 4,545,335, 10-8-85, Cl. 123-41.270.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Crankshaft pulley of engine. 4,547,180, 10-15-85, Cl. 474-159.000.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Operational mode responsive heating arrangement for internal combustion engine induction system. 4,548,183, 10-22-85, Cl. 123-547.000.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Coolant level control arrangement for internal combustion engine. 4,554,891, 11-26-85, Cl. 123-41.210.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Pulley for cogged belt and method for producing same. 4,555,240, 11-26-85, Cl. 474-152.000.

Hayashi, Yoshimasa, to Nissan Motor Company, Limited. Load responsive temperature control arrangement for internal combustion engine. 4,559,907, 12-24-85, Cl. 123-41.120.

Hayashi, Yoshimi: *See—*
  Keino, Goro; Kitagawa, Yosuke; and Hayashi, Yoshimi, 4,515,849, Cl. 428-201.000.

Hayashi, Yoshinobu: *See—*
  Yuguchi, Hiroya; Hayashi, Yoshinobu; and Miyazaki, Yusuke, 4,501,763, Cl. 426-573.000.

Hayashi, Yoshio; Aoyagi, Kouji; Sakurai, Toshio; Kashima, Tusnehiro; and Higeta, Koichi, to Sony Corporation. Word processor. 4,509,138, 4-2-85, Cl. 364-900.000.

Hayashi, Yoshitaka: *See—*
  Kimura, Masahiro; Hayashi, Yoshitaka; and Yoshida, Ryohei, 4,545,537, Cl. 241-36.000.

Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, to Kogyo Gijutsuin; and Taiyo Yuden Kabushiki Kaisha. Amorphous semiconductor solar cell having a grained transparent electrode. 4,500,743, 2-19-85, Cl. 136-258.000.

Hayashi, Yuzo; Yamanashi, Fumiaki; and Fujiwara, Yoshiyuki, to Alps Electric Co., Ltd. Liquid crystal mixture. 4,543,201, 9-24-85, Cl. 252-299.100.

Hayashibara, George M.: *See—*
  Tahim, Raghbir S.; Hayashibara, George M.; and Chang, Kai, 4,521,747, Cl. 331-107.0SL.

Hayashibara, Ken: *See—*
  Masaki, Kazumi, 4,555,741, Cl. 361-58.000.

Hayashida, Akira: *See—*
  Takamizawa, Minoru; Kobayashi, Taishi; Hayashida, Akira; and Takeda, Yoshihumi, 4,550,151, Cl. 528-7.000.

Hayashida, Hajime: *See—*
  Yamamoto, Jun; Hayashida, Hajime; and Takahashi, Hiroyoshi, 4,524,669, Cl. 84-433.000.

Hayashida, Hazime: *See—*
  Muramatsu, Shigeru; Fujiwara, Yuji; Hayashida, Hazime; and Yamamoto, Jun, 4,513,652, Cl. 84-20.000.

Hayashida, Hiroshi; Takahashi, Tadashi; and Miyashita, Kunio, to Hitachi, Ltd. Method and apparatus for position control of an electric motor. 4,558,265, 12-10-85, Cl. 318-561.000.

Hayashida, Kenji, to Hosiden Electronics Co., Ltd. Rotary switch. 4,511,770, 4-16-85, Cl. 200-6.00B.

Hayashida, Kenji, to Hosiden Electronics Co., Ltd. Small-sized switch. 4,543,459, 9-24-85, Cl. 200-67.00D.

- Hayashida, Morimasa: *See—*
  - Umeno, Hiroshi; Saito, Gunji; and Hayashida, Morimasa, 4,554,780, Cl. 56-11.800.
- Hayashida, Takanori, to Yamaha Hatsudoki Kabushiki Kaisha. Induction system for spark ignition engine of fuel injection type. 4,513,700, 4-30-85, Cl. 123-179.00L.
- Hayashikane Shipbuilding & Engineering Co. Ltd.: *See—*
  - Tada, Yoshikazu, 4,504,212, Cl. 431-86.000.
- Hayata, Yoshihiro: *See—*
  - Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.
- Hayatdavoudi, Asadollah; and Marascalco, Ronald F., to Petroleum Instrumentation & Technological Services. Fluid mixing system. 4,491,414, 1-1-85, Cl. 366-6.000.
- Hayatdavoudi, Asadollah; and Adams, Ladd M., to Gill Industries, Inc. Downhole vortex generator. 4,512,420, 4-23-85, Cl. 175-67.000.
- Hayatdavoudi, Asadollah. Jet nozzle. 4,531,592, 7-30-85, Cl. 75-67.000.
- Hayatsu, Kazuo: *See—*
  - Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,503,005, Cl. 264-102.000.
  - Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,542,203, Cl. 528-126.000.
  - Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,560,740, Cl. 528-125.000.
- Hayba, Franklin P., to ASP International, Inc. Fire extinguisher handle securing apparatus. 4,505,335, 3-19-85, Cl. 169-76.000.
- Haybuster Manufacturing, Inc.: *See—*
  - Morlock, Ruben D., 4,539,921, Cl. 111-52.000.
- Hayden, Harold R.: *See—*
  - Peik, Jerry A.; Steenbergen, Suzanna M.; and Hayden, Harold R., 4,529,797, Cl. 536-123.000.
- Hayden, Martin P. Lure having bait storage compartment. 4,550,521, 11-5-85, Cl. 43-41.000.
- Hayden Nilos Conflow Limited: *See—*
  - Perry, Dennis A.; and Wilmot, David H., 4,538,763, Cl. 239-600.000.
- Hayden, Owen, to National Nuclear Corporation Limited. Tube-in-shell heat exchangers. 4,547,944, 10-22-85, Cl. 29-402.090.
- Hayden, Percy; Mee, Alec; and Wright, Donald, to Imperial Chemical Industries PLC. Process for the production of unsaturated mono- or saturated dialdehydes and acetals thereof. 4,507,508, 3-26-85, Cl. 568-487.000.
- Hayden, Richard; and Neumann, Fred F., to American Safety Equipment Corporation. Integral track vehicle seat apparatus. 4,530,540, 7-23-85, Cl. 297-341.000.
- Hayden, Sharon M. Neck garment. 4,495,660, 1-29-85, Cl. 2-91.000.
- Hayden, William L., to Ford Motor Company. Windshield wiper element. 4,513,468, 4-30-85, Cl. 15-250.360.
- Haydon Switch & Instrument, Inc.: *See—*
  - Geremia, Leo F., 4,518,832, Cl. 200-4.000.
  - Hansen, Charles W., 4,501,981, Cl. 310-49.00R.
- Haye, Maurice: *See—*
  - Arnoux, Daniel; Haye, Maurice; and Bonneau, Daniel, 4,557,383, Cl. 206-521.000.
- Hayes, Alan C.: *See—*
  - Becker, Donald E.; Hayes, Alan C.; and Porter, Joseph W., 4,493,816, Cl. 422-143.000.
- Hayes, Allen L. Vaginal speculum protector. 4,492,220, 1-8-85, Cl. 128-17.000.
- Hayes, Arthur R. Paint can holder or the like. 4,527,720, 7-9-85, Cl. 224-148.000.
- Hayes, Daniel F.; Sias, Robert G.; Chesney, Lloyd; and Waldron, John W., to MED Products, Inc. Method and apparatus for purification of water. 4,525,253, 6-25-85, Cl. 204-149.000.
- Hayes, David: *See—*
  - Downing, Jack G.; Dewald, Erwin W.; and Hayes, David, 4,560,071, Cl. 211-70.800.
- Hayes, Ellen J., administratrix: *See—*
  - Hayes, Lawrence P., deceased; Hayes, Ellen J., administratrix; Jain, Kantilal; and Kerth, Randall T., 4,521,087, Cl. 350-574.000.
- Hayes, Ernest B.; and Cantell, Anthony S. Smoke filter. 4,492,240, 1-8-85, Cl. 131-336.000.
- Hayes, Frank, III: *See—*
  - Light, David O., Jr.; Hayes, Frank, III, and McGinty, Joseph R., 4,494,079, Cl. 331-1.00A.
- Hayes, Garrett P. Water conserving flush valve for toilets. 4,536,900, 8-27-85, Cl. 4-324.000.
- Hayes, Gerald E.: *See—*
  - Advani, Hira; and Hayes, Gerald E., 4,556,954, Cl. 364-900.000.
- Hayes, Harry; and Harvey, Kenneth, to Colgate-Palmolive Company. Dentifrice composition containing visually clear pigment-colored stripe. 4,518,578, 5-21-85, Cl. 424-7.100.
- Hayes, Harry, to Colgate-Palmolive Company. Dentrifrice preparation. 4,529,585, 7-16-85, Cl. 424-52.000.
- Hayes, Harry; and Harvey, Kenneth, to Colgate-Palmouve Company. Astringent gel dentifrice. 4,562,063, 12-31-85, Cl. 424-49.000.
- Hayes, Harry; and Harvey, Kenneth, to Colgate-Palmolive Company. Astringent dentifrice. 4,562,065, 12-31-85, Cl. 424-49.000.
- Hayes, Harry; and Harvey, Kenneth, to Colgate-Palmolive Company. Astringent dentifrice containing monofluorophosphate. 4,562,066, 12-31-85, Cl. 424-52.000.
- Hayes, Harry: *See—*
  - Morton, Anthony J.; Harvey, Kenneth; and Hayes, Harry, 4,528,181, Cl. 424-52.000.
  - Mulvey, Patricia S.; Hayes, Harry; and Crawford, Richard J., 4,529,584, Cl. 424-52.000.
- Hayes, James C. Self induced laser magnetohydrodynamic (MHD) electric generator. 4,500,803, 2-19-85, Cl. 310-11.000.
- Hayes, James S.: *See—*
  - Chaker, Mouhanad; Clark, Roger J.; and Hayes, James S., 4,525,507, Cl. 524-104.000.
- Hayes, John C. Probe search test light and continuity tester. 4,536,705, 8-20-85, Cl. 324-53.000.
- Hayes, John J., Jr., to General Electric Company. Technique for increasing battery life in remote control transmitters. 4,514,732, 4-30-85, Cl. 340-825.570.
- Hayes, John W. Proportional mixing means. 4,547,128, 10-15-85, Cl. 417-2.000.
- Hayes, Lawrence P., deceased; by Hayes, Ellen J., administratrix; Jain, Kantilal; and Kerth, Randall T., to International Business Machines Corporation. Optical system with diffuser for transformation of a collimated beam into a self-luminous arc with required curvature and numerical aperture. 4,521,087, 6-4-85, Cl. 350-574.000.
- Hayes, Lawrence S. Luminous gun sighting system. 4,533,980, 8-6-85, Cl. 362-110.000.
- Hayes, Michael H.; and Pearson, Ernest J., to Chloride Group Public Limited Company. Assembling electric storage batteries and a clamp therefor. 4,502,211, 3-5-85, Cl. 29-623.100.
- Hayes, Michael H.; and Pearson, Ernest J., to Chloride Group Public Limited Company. Grids for electric storage batteries. 4,528,255, 7-9-85, Cl. 429-233.000.
- Hayes Microcomputer Products, Inc.: *See—*
  - Heatherington, Dale A., 4,504,802, Cl. 332-18.000.
  - Heatherington, Dale A., 4,549,302, Cl. 375-8.000.
- Hayes, Patrick D.: *See—*
  - Campbell, Nancy L.; Pinto, John G.; Drewe, John A.; Hayes, Patrick D.; and Nelson Robert A., 4,503,307, Cl. 219-10.55E.
- Hayes, Richmond S., Jr.: *See—*
  - Jennings, William B.; Kozlowski, Robert M.; and Hayes, Richmond S., Jr., 4,492,269, Cl. 165-172.000.
  - Jennings, William B.; Shelton, Edward B.; and Hayes, Richmond S., Jr., 4,513,586, Cl. 62-263.000.
  - Shelton, Edward B.; Hayes, Richmond S., Jr.; and Kozlowski, Robert M., 4,502,291, Cl. 62-285.000.
- Hayes, Robert A.; and Conard, Wendell R., to Firestone Tire & Rubber Company, The. Method for preparing a zinc dimethacrylate powder having a specific surface area range. 4,500,466, 2-19-85, Cl. 260-429.900.
- Hayes, Robert A.; and Conard, Wendell R., to Firestone Tire & Rubber Company, The. Vulcanizable polymeric compositions containing zinc dimethacrylate and fillers. 4,529,770, 7-16-85, Cl. 524-445.000.
- Hayes, Robert L.: *See—*
  - Thomas, Samuel J.; Robich, James M.; and Hayes, Robert L., 4,523,141, Cl. 324-54.000.
- Hayes, Roger, to Glaxo Group Limited. Amine derivatives. 4,491,586, 1-1-85, Cl. 424-267.000.
- Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; and Carey, Linda, to Glaxo Group Limited. Tetrazoles, pharmaceutical use and compositions. 4,507,296, 3-26-85, Cl. 514-212.000.
- Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; Carey, Linda; and Blatcher, Philip, to Glaxo Group Limited. 1,2,4-triazole-3-amines, their pharmaceutical compositions and method of use. 4,518,598, 5-21-85, Cl. 514-212.000.
- Hayes, Roger: *See—*
  - Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, 4,536,508, Cl. 514-383.000.
  - Price, Barry J.; Clitherow, John W.; Bradshaw, John; Martin-Smith, Michael; Judd, Duncan B.; and Hayes, Roger, 4,524,071, Cl. 514-272.000.
- Hayes, Stanley G.: *See—*
  - Ebert, Russell L.; and Hayes, Stanley G., 4,544,170, Cl. 280-21.00R.
- Hayes, Susan M. Drip-type coffee making apparatus. 4,520,716, 6-4-85, Cl. 99-306.000.
- Hayes, Terry S., to Mitch's Self Service Gas, Inc. Storage tank gauging measuring apparatus. 4,513,617, 4-30-85, Cl. 73-313.000.
- Hayes, Thomas A., Jr.: *See—*
  - Buck, Kenneth J.; Grace, Robert E.; and Hayes, Thomas A., Jr., 4,512,652, Cl. 355-14.0CH.
- Hayes, Willliam; and Dohrenwend, James W., to ARC Rebuilders, Inc. Filter device having relief valve for use in power steering system. 4,517,083, 5-14-85, Cl. 210-131.000.
- Hayfield, Peter C. S., to IMI Kynoch Limited. Electrode and electrolytic cell. 4,502,936, 3-5-85, Cl. 204-290.00F.
- Hayfield, Peter C. S., to Marston Palmer Limited. Electrode with anode active layer. 4,515,673, 5-7-85, Cl. 204-290.00F.
- Hayford, Robert L., Jr. Video game control console. 4,518,164, 5-21-85, Cl. 273-148.00B.
- Hayhurst, Gordon A.; and Rayner, David A., to J.H. Fenner & Co. Limited. Taper bush. 4,512,681, 4-23-85, Cl. 403-371.000.
- Hayles, David C. Lens attachment for multiple imaging and vignetting. 4,506,964, 3-26-85, Cl. 354-122.000.
- Haylock, John C.; and Vanderkooi, Nicholas, Jr., to Allied Corporation. Polyester composition containing tertiary and quaternary amine carboxylate salts. 4,551,507, 11-5-85, Cl. 525-437.000.
- Haylock, John C.: *See—*
  - Hochberg, Arie; Haylock, John C.; and Mason, Charles D., 4,525,513, Cl. 524-288.000.
  - Twilley, Ian C.; Turner, Garland L.; Saunders, Peter R.; and Haylock, John C., 4,507,361, Cl. 428-373.000.

- Hayman, Cecil: *See—*
  - Chalk, Christine D.; and Hayman, Cecil, 4,545,916, Cl. 252-70.000.
- Hayman, Dennis J., to United States Brass Corporation. Single handle faucet valve. 4,502,507, 3-5-85, Cl. 137-625.400.
- Hayman, Gary D. Safe apparatus. 4,532,870, 8-6-85, Cl. 109-58.000.
- Hayman, Julius, to RCA Corporation. Multilevel thresholding for target tracking apparatus. 4,550,435, 10-29-85, Cl. 382-9.000.
- Hayman, Lawrence A., to NL Industries, Inc. High pressure seal assembly. 4,530,238, 7-23-85, Cl. 73-431.000.
- Haymore, Ralph B.; and Winter, Heinz W., to Envirotech Corporation. Cable lifting mechanism for sedimentation device. 4,515,694, 5-7-85, Cl. 210-531.000.
- Hayner, Paul F., to Sanders Associates, Inc. Magnetic heading transducer having dual-axis magnetometer with electromagnet mounted to permit pivotal vibration thereof. 4,506,221, 3-19-85, Cl. 324-256.000.
- Haynes, Charles A.: *See—*
  - Seal, Douglas T.; and Haynes, Charles A., 4,528,441, Cl. 219-532.000.
- Haynes, Charles W. Vehicle light assembly. 4,495,553, 1-22-85, Cl. 362-311.000.
- Haynes, Charles W., to Joy Manufacturing Company. Slip mechanism. 4,511,168, 4-16-85, Cl. 294-102.200.
- Haynes, Eugene M., to Owens-Corning Fiberglas Corporation. Repair of double shell heat exchangers. 4,493,367, 1-15-85, Cl. 165-72.000.
- Haynes, H. Taylor: *See—*
  - Laughon, Thomas C.; Haynes, H. Taylor; Klopach, Robert T.; and Warner, Richard C., 4,546,357, Cl. 343-702.000.
- Haynes, Harvey H. Door-stop for the handicapped. 4,494,784, 1-22-85, Cl. 292-233.000.
- Haynes, Hendrick W. Marine propulsion device with engine heat recovery system and streamlining hull closures. 4,552,537, 11-12-85, Cl. 440-47.000.
- Haynes, James R.: *See—*
  - Stevens, James C.; and Haynes, James R., 4,523,058, Cl. 179-84.00T.
- Haynes, Joel, to Mindlin, Richard B. Batch-brewing coffee system. 4,550,651, 11-5-85, Cl. 99-279.000.
- Haynes, Joel: *See—*
  - Ruskin, Frank; Fellner, Van N.; and Haynes, Joel, 4,491,240, Cl. 221-5.000.
- Haynes, John L., to Becton, Dickinson and Company. Apparatus and method for regulating sheath fluid flow in a hydrodynamically focused fluid flow system. 4,503,385, 3-5-85, Cl. 324-71.400.
- Haynes, Kenton L.; Sherer, William P.; Greene, Hugh W.; Holder, James D.; and Roberts, Thomas G., to United States of America, Army. Acoustic waveguide voltage monitor. 4,514,684, 4-30-85, Cl. 324-120.000.
- Haynes, Nolan F., to Casebolt, James E., Jr.; and Casebolt, Barion. Rotary cylinder diesel engine. 4,531,481, 7-30-85, Cl. 123-44.00R.
- Hayosh, Robert J.; Lewis, Robert H.; and Simon, Frederick A., to Ford Motor Company. Tape deck with take-up reel rotation sensor configured to prevent tape windup on the capstan or pinch roller. 4,508,280, 4-2-85, Cl. 242-191.000.
- Hays, Alan: *See—*
  - Harris, David; and Hays, Alan, 4,498,230, Cl. 29-597.000.
- Hays, Charles: *See—*
  - Dickson, James; and Hays, Charles, 4,513,020, Cl. 427-34.000.
  - Dickson, James; and Hays, Charles, 4,562,090, Cl. 427-34.000.
- Hays, Dan: *See—*
  - Brewington, Grace T.; Bolte, Steven B.; Hays, Dan; and Wayman, William H., 4,505,573, Cl. 355-3.0DD.
- Hays, Dan A.; and Wayman, William H., to Xerox Corporation. Low voltage electrophotography with simultaneous photoreceptor charging, exposure and development. 4,545,669, 10-8-85, Cl. 355-3.00R.
- Hays, Dan A.: *See—*
  - Kopko, John J.; and Hays, Dan A., 4,499,851, Cl. 118-658.000.
- Hays, George E.; Nielsen, Richard H.; Bowen, Chester O.; and Holland, Floyd H., to Phillips Petroleum Company. Catalytic cracking unit. 4,562,046, 12-31-85, Cl. 422-140.000.
- Hays, James M.: *See—*
  - Canalizo, Carlos R.; and Hays, James M., 4,545,731, Cl. 417-86.000.
- Hays-Republic Corporation: *See—*
  - Hanson, Robert C.; and Hanson, Leon C., 4,498,863, Cl. 431-89.000.
- Hayskar, Robert A.: *See—*
  - Stock, Robert A.; and Hayskar, Robert A., 4,557,786, Cl. 156-350.000.
- Hayssen Manufacturing Company: *See—*
  - Cherney, Dale M., 4,546,596, Cl. 53-451.000.
  - James, Robert C.; and Kovacs, Lloyd, 4,553,668, Cl. 206-391.000.
  - Kovacs, Lloyd, 4,532,753, Cl. 53-451.000.
- Haytayan, Harry M., to Pneutek, Inc. Pneumatic tool. 4,497,377, 2-5-85, Cl. 173-15.000.
- Haytayan, Harry M., to Pneutek, Inc. Method and means for attaching insulation to a mold. 4,525,902, 7-2-85, Cl. 24-350.000.
- Haytayan, Harry M., to Pneutek, Inc. Powder charge feed strip. 4,560,061, 12-24-85, Cl. 206-3.000.
- Hayter, Anthony J.: *See—*
  - Eakin, Murdoch A.; Hayter, Anthony J.; and Furr, Barrington J. A., 4,533,672, Cl. 514-415.000.
- Hayter, Walter R.: *See—*
  - Thurlow, Norman C.; Hayter, Walter R.; and Schockner, Richard C., 4,536,653, Cl. 250-390.000.
- Haythornthwaite, James A. Animal rearing house. 4,517,921, 5-21-85, Cl. 119-16.000.
- Hayward, C. Michael. Matrix board. 4,522,449, 6-11-85, Cl. 361-407.000.
- Hayward, Ian, to British Gas Corporation. Velocity or distance measuring apparatus using magnetic dipoles. 4,560,928, 12-24-85, Cl. 324-172.000.
- Hayward Industries: *See—*
  - Paitchell, Harold, 4,523,740, Cl. 251-315.000.
- Hayworth, Hubert O.: *See—*
  - Maheras, George; and Hayworth, Hubert O., 4,523,851, Cl. 356-399.000.
- Hayworth, Lawrence T., to Mars Incorporated. Microencapsulation process. 4,521,352, 6-4-85, Cl. 264-4.300.
- Haza, Robert R., to Haza, Robert R.; and Prestia, Joseph, a part interest to each. Device for adjusting the diameter of bowling ball holes. 4,561,654, 12-31-85, Cl. 273-63.00B.
- Hazaki, Eiichi, to Hitachi, Ltd. Oil feeding device for scroll fluid apparatus. 4,502,852, 3-5-85, Cl. 418-55.000.
- Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, to Hitachi, Ltd. Bearing device of sealed type scroll compressor. 4,551,082, 11-5-85, Cl. 418-55.000.
- Hazaki, Eiichi; Imai, Masaya; Tojo, Kenji; and Shiibayashi, Masao, to Hitachi, Ltd. Oil feeding device for scroll fluid apparatus. 4,555,224, 11-26-85, Cl. 418-55.000.
- Hazama, Junji: *See—*
  - Hada, Kazunari; Fujii, Norio; Kawahara, Atsushi; Azuma, Toru; and Hazama, Junji, 4,506,382, Cl. 382-27.000.
  - Kakizaki, Yukio; Izawa, Hisao; and Hazama, Junji, 4,537,501, Cl. 355-76.000.
- Hazama, Katashi: *See—*
  - Miura, Kuniaki; Shibata, Akira; Yamada, Jun; and Hazama, Katashi, 4,510,530, Cl. 358-314.000.
- Hazama, Kiyoaki: *See—*
  - Hamaguchi, Takehiko; Hazama, Kiyoaki; Iwaida, Kenichi; and Iguchi, Takeyoshi, 4,545,661, Cl. 354-86.000.
- Hazan, Jean-Pierre: *See—*
  - Steers, Michel; Hazan, Jean-Pierre; and Courdille, Michel, 4,528,558, Cl. 340-686.000.
- Hazbun, Edward A., to Atlantic Richfield Company. Catalytic conversion of olefins to higher hydrocarbons. 4,556,749, 12-3-85, Cl. 585-330.000.
- Haze, Setsuo, to Kaoushiki Kaisha Ishida Koki Seisakusho. Span adjusting method and apparatus. 4,535,857, 8-20-85, Cl. 177-50.000.
- Haze, Setsuo, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus having memory for storing weighing conditions. 4,553,616, 11-19-85, Cl. 177-1.000.
- Haze, Setsuo: *See—*
  - Minamida, Kazukiyo; Haze, Setsuo; and Yamada, Seiji, 4,508,185, Cl. 177-1.000.
  - Minamida, Kazukiyo; and Haze, Setsuo, 4,549,278, Cl. 364-567.000.
- Hazebrook, Daniel W.; Gehrke, Glenn F.; and Schmidt, Michael J., to GKN Automotive Components, Inc. Constant velocity universal joint. 4,511,346, 4-16-85, Cl. 464-146.000.
- Hazel, James A., to Standard Oil Company, The. Pump-out plug catcher. 4,512,398, 4-23-85, Cl. 166-70.000.
- Hazel, Michael E., to Eaton Corporation. Flow control valve for fluid fan drive. 4,531,621, 7-30-85, Cl. 192-58.00B.
- Hazel, Robert L.; and LaBudde, Edward V., to Burroughs Corporation. Three beam optical memory system. 4,494,226, 1-15-85, Cl. 369-45.000.
- Hazel, Robert L.; and Chan, Gilbert Y., to Burroughs Corporation. Optical memory system providing improved focus detection and control by detecting reflected beam diameter variations at spaced predetermined locations in the system. 4,559,622, 12-17-85, Cl. 369-45.000.
- Hazel, Robert L.; and Chan, Gilbert Y., to Burroughs Corporation. Beam combining and separating apparatus useful for combining and separating reading and writing laser beams in an optical storage system. 4,562,568, 12-31-85, Cl. 369-112.000.
- Hazel, Robert L.: *See—*
  - Burns, Kenneth R.; and Hazel, Robert L., 4,544,964, Cl. 360-51.000.
- Hazelett, Robert W.; and Wood, John F. B., to Hazelett Strip-Casting Corporation. Method of and apparatus for steam preheating endless flexible casting belt. 4,537,243, 8-27-85, Cl. 164-481.000.
- Hazelett Strip-Casting Corporation: *See—*
  - Hazelett, Robert W.; and Wood, John F. B., 4,537,243, Cl. 164-481.000.
  - Platek, Stanley W.; Desautels, S. Jerry; and Szczypiorski, Wojtek, 4,545,423, Cl. 164-481.000.
  - Wood, John F. B., 4,552,201, Cl. 164-481.000.
- Hazelrigg, Mark J., Jr.: *See—*
  - Dang, Hiep D.; Beaver, Richard N.; Spillers, Frank W.; and Hazelrigg, Mark J., Jr., 4,497,112, Cl. 29-825.000.
- Hazeltine Corporation: *See—*
  - Cafarella, Thomas; and Enein, Mohamed, 4,499,586, Cl. 375-98.000.
  - Cohen, Samuel; and Wisser, Edward F., 4,496,261, Cl. 403-320.000.
  - Frazita, Richard F., 4,520,361, Cl. 343-372.000.
  - Frazita, Richard F., 4,536,766, Cl. 343-372.000.
  - Frazita, Richard F., 4,554,551, Cl. 343-771.000.
  - Henrich, Kenneth J.; and Hana, Thomas C., 4,511,852, Cl. 330-252.000.
  - Lopez, Alfred R., 4,554,550, Cl. 343-771.000.
  - Loughlin, Bernard D., 4,536,885, Cl. 381-15.000.
  - Masak, Raymond J.; and Kowalski, Anthony M., 4,516,126, Cl. 343-383.000.
  - Muth, Robert N., 4,507,622, Cl. 331-115.000.
  - Rosanes, A., 4,550,416, Cl. 375-59.000.

  - Rosanes, Albert F., and Haley, Timothy P., 4,535,447, Cl. 370-77.000.
  - St. John, Karl M.; Reeber, Nicholas J.; and Kerbei, Sheldon J., 4,513,314, Cl. 358-76.000.
  - St. John, Karl M.; and Zagardo, Dominic V., 4,527,193, Cl. 358-76.000.
- Hazelwood, Louis S.: *See—*
  - Rehfuss, John W.; Hazelwood, Louis S.; Price, Martin B.; and Zilke, Robert W., Jr., 4,521,489, Cl. 428-412.000.
  - Rehfuss, John W.; Hazelwood, Louis S.; and Price, Martin B., 4,524,173, Cl. 524-512.000.
- Hazemeijer B.V.: *See—*
  - Has, Peter V., and Lammers, Arend J. W., 4,527,026, Cl. 200-78.000.
  - van der Scheer, Derk, 4,536,735, Cl. 337-159.000.
  - van der Scheer, Derk, 4,542,364, Cl. 337-253.000.
  - van der Scheer, Derk, 4,562,320, Cl. 200-144.00R.
- Hazen, Craig B., to Northwest Alaskan Pipeline Company. Heat pipes with shrouded fins and fan. 4,505,326, 3-19-85, Cl. 165-45.000.
- Hazen, Gary A.: *See—*
  - Minerbo, Gerald N., and Hazen, Gary A., 4,546,315, Cl. 324-221.000.
- Hazen Research, Inc.: *See—*
  - Reynolds, James E., and Williams, Alan R., 4,556,422, Cl. 75-101.00R.
- Hazenbroek, Jacobus E. Suspended feather picker with rotatable sections. 4,514,879, 5-7-85, Cl. 17-11.10R.
- Hazenbroek, Jacobus E.; and Wallbridge, William L. Poultry cut up machine. 4,558,490, 12-17-85, Cl. 17-52.000.
- Hazenbroek, Jacobus E.; and Wallbridge, William L. Poultry cut-up machine. 4,559,672, 12-24-85, Cl. 17-11.000.
- Hazeyama, Takeshi: *See—*
  - Beppu, Masaru; Agawa, Setsuo; Hazeyama, Takeshi; and Nashimoto, Toshiyuki, 4,551,240, Cl. 209-143.000.
- Hazue, Masaaki: *See—*
  - Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, 4,556,689, Cl. 525-54.100.
- HBOG-Oil Sands Limited: *See—*
  - Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.
- Head Computer Products, Inc.: *See—*
  - Eyler, Stanley; and Hume, Timothy, 4,503,473, Cl. 360-128.000.
- Head, Glenn D., Jr.: *See—*
  - Rettig, Vernon E.; Bigbee, Marvin L.; Steilen, Ronald M.; and Head, Glenn D., Jr., 4,518,046, Cl. 172-311.000.
- Head, Kenneth O.; and Bollinger, Arthur F., to Teknar, Inc. System for ultrasonically detecting the relative position of a moveable device. 4,543,649, 9-24-85, Cl. 367-96.000.
- Head Lites Corporation: *See—*
  - Lesley, Gary M., 4,517,685, Cl. 2-170.000.
- Head, Robert L. Modular shooting range. 4,509,301, 4-9-85, Cl. 52-79.800.
- Head, Thomas F., to Environmental Interiors, Inc. Suspended ceiling system. 4,541,216, 9-17-85, Cl. 52-484.000.
- Head, William J.: *See—*
  - Boone, Joe P.; Head, William J.; and Kitz, Steven L., 4,506,627, Cl. 118-708.000.
- Head Wrightson Machine Company Limited: *See—*
  - Reed, Geoffrey R., 4,498,276, Cl. 53-588.000.
- Headley, James A., to Texaco Inc. Aqueous drilling fluids containing alkenyl succinic anhydrides. 4,554,080, 11-19-85, Cl. 252-8.50A.
- Headlund, Larry M.; Marksteiner, Gary J.; and Sidell, Richard S., to Intelab Medical Systems, Inc. System for determining the optimal ground depth of an ophthalmic lens having a closed homeomorphic boundary. 4,524,419, 6-18-85, Cl. 364-474.000.
- Heady, Robert E.; and Frankiewicz, Jeffrey R., to CPC International Inc. Production of butanol by a continuous fermentation process. 4,520,104, 5-28-85, Cl. 435-160.000.
- Heal, David, to National Computer Systems, Inc. Mark array sense reader with sequential output signals. 4,547,666, 10-15-85, Cl. 250-227.000.
- Heald, Anthony F.: *See—*
  - Bare, Thomas M.; and Heald, Anthony F., 4,511,568, Cl. 514-293.000.
- Healey, John G., Jr.: *See—*
  - Gillen, Orval D.; and Healey, John G., Jr., 4,519,711, Cl. 366-4.000.
- Health Care Concepts, Inc.: *See—*
  - Amendolia, Pasquale J., 4,515,588, Cl. 604-118.000.
  - Meierhoefer, Eugene J., 4,502,616, Cl. 222-215.000.
  - Meierhoefer, Eugene J., 4,513,871, Cl. 215-32.000.
  - Meierhoefer, Eugene J., 4,533,068, Cl. 222-189.000.
- Health Education Publication Company, Inc.: *See—*
  - Lally, James J., 4,554,910, Cl. 128-28.000.
- Health-Mor, Inc.: *See—*
  - Martinec, Eugene F., 4,507,819, Cl. 15-321.000.
- Health Research, Inc. (Roswell Park Divison): *See—*
  - Anderson, Garth R.; Manly, Kenneth F.; and Mittelman, Arnold, 4,558,007, Cl. 435-26.000.
- Healthcheck Corporation: *See—*
  - Fraden, Jacob, 4,538,074, Cl. 307-126.000.
- Healthdyne, Inc.: *See—*
  - Russell, Donald J.; and Sanders, Michael A., 4,506,678, Cl. 128-723.000.
- HealthScan Inc.: *See—*
  - Sonne, Leonard J., 4,533,137, Cl. 272-99.000.
- Healy, Francis E.: *See—*
  - Slegeir, William A.; Healy, Francis E.; and Sapienza, Richard S., 4,561,859, Cl. 44-1.0SR.
- Healy, George M.; Curry, Kenneth D.; Macmorine, Hildegarde M. G.; and Holst, Folke, to Polydex Chemicals Ltd. Tissue culture and cell growth-promoting material and its method of manufacture. 4,520,107, 5-28-85, Cl. 435-240.000.
- Healy, Jerry V., Jr., to Westinghouse Electric Corp. Replaceable intermediate socket and plug connector for a solid-state data transfer system. 4,523,296, 6-11-85, Cl. 364-900.000.
- Healy, Leonard D., to United States of America, Navy. Simulator interface system. 4,506,324, 3-19-85, Cl. 364-200.000.
- Healy, Mark; and Gerdes, Jerry D., to Senniger Irrigation, Inc. Pressure regulator. 4,543,985, 10-1-85, Cl. 137-505.250.
- Healy, Thomas D.: *See—*
  - Martens, George D.; Smith, Alexander B.; and Healy, Thomas D., 4,532,796, Cl. 73-632.000.
- Heaney, Richard; and Naslund, Erik I., to Brown & Williamson Tobacco Corporation. Device for making grooves in cigarette filters. 4,517,046, 5-14-85, Cl. 156-500.000.
- Heaney, Richard; and Reed, Steven P., to Brown & Williamson Tobacco Corporation. Device for making grooves in cigarette filters. 4,547,253, 10-15-85, Cl. 156-553.000.
- Heaps, John F.; and Erickson, Dennis E., to Monsanto Company. Low temperature curable coating composition. 4,517,327, 5-14-85, Cl. 524-315.000.
- Heaps, John F.; and Erickson, Dennis E., to Monsanto Company. Process for low temperature curable coating composition. 4,554,319, 11-19-85, Cl. 525-155.000.
- Heard, Charles M.; and Yang, Frank C., to Hughes Aircraft Company. Adaptive recursive frequency offset tracking system. 4,520,493, 5-28-85, Cl. 375-97.000.
- Heard, Charles M. Fan-shaped indirect lighting reflector. 4,524,405, 6-18-85, Cl. 362-18.000.
- Heard, Malcolm G. Picture frames. 4,498,255, 2-12-85, Cl. 40-156.000.
- Hearn, Daniel P., to Atlantic Richfield Company. Determining level or tilt angle of solids in a rotatable chamber. 4,503,330, 3-5-85, Cl. 250-357.100.
- Hearn, Dennis, to Chemical Research & Licensing Company. Transetherification method. 4,510,336, 4-9-85, Cl. 568-697.000.
- Hearn, Edwin J.: *See—*
  - Gorman, Barry; and Hearn, Edwin J., 4,523,848, Cl. 356-368.000.
- Hearn, Patrick L.; and Courtney, Edward, Jr., to Digital Equipment Corporation. Method of manufacture for a magnetic tachometer for disk drives. 4,523,375, 6-18-85, Cl. 29-605.000.
- Hearn, William E.; and Rondeau, Donald J., to United States of America, Energy. Precision absolute value amplifier for a precision voltmeter. 4,518,877, 5-21-85, Cl. 307-490.000.
- Hearnshaw, David, to Dulmison Pty. Limited. Articulated spacer-damper. 4,554,403, 11-19-85, Cl. 174-42.000.
- Hearst, Peter J.: *See—*
  - Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., 4,530,131, Cl. 15-321.000.
- Hearthstone Corporation, The: *See—*
  - von Conta, Peter E. W., 4,553,526, Cl. 126-58.000.
- Heaston, Gaylord E.; and Farazandeh, Edward A., to Litton Industrial Products, Inc. Automatic double disc grinder control cycle. 4,524,547, 6-25-85, Cl. 51-165.770.
- Heat and Control, Inc.: *See—*
  - Caridis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., 4,510,165, Cl. 426-439.000.
  - Caridis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., 4,554,865, Cl. 99-353.000.
- Heat Exchange and Transfer, Inc.: *See—*
  - Meyer, Howard E., 4,504,352, Cl. 156-499.000.
  - Meyer, Howard E., 4,516,556, Cl. 123-557.000.
- Heat Exchanger Industries, Inc.: *See—*
  - Warner, Donald F., 4,526,112, Cl. 110-345.000.
  - Warner, Donald F., 4,557,202, Cl. 110-216.000.
- Heat Extractor Inc.: *See—*
  - Ben-Shmuel, Dan; and Zacuto, Philip, 4,497,439, Cl. 237-53.000.
- Heat Power Products Corporation: *See—*
  - Sebald, Joseph F., deceased, 4,519,444, Cl. 165-47.000.
- Heat-Timer Corporation: *See—*
  - Masson, Vijay, 4,527,246, Cl. 364-505.000.
- Heater, Charles P.; and Cooper, Bruce H., to Opelika Manufacturing Corp. Folder. 4,548,595, 10-22-85, Cl. 493-458.000.
- Heater, Paul L., Jr.; Bletso, Nelson C.; and Tung, William C. T., to Goodyear Tire & Rubber Company, The. Crosslinkable polyester body solder of powdered metal. 4,496,673, 1-29-85, Cl. 523-458.000.
- Heath, Alan L. Clock. 4,502,789, 3-5-85, Cl. 368-27.000.
- Heath, Billy J.: *See—*
  - Thomas, Bobby J.; and Heath, Billy J., 4,493,067, Cl. 367-189.000.
- Heath, Chester A., to International Business Machines Corporation. Dual mode I/O. 4,493,028, 1-8-85, Cl. 364-200.000.
- Heath, Chester A., to International Business Machines Corporation. Peripheral interface adapter circuit for use in I/O controller card having multiple modes of operation. 4,509,113, 4-2-85, Cl. 364-200.000.
- Heath, Chester A.: *See—*
  - Andrews, Lawrence P.; Heath, Chester A.; Mead, Justin E.; VanDuren, Richard G.; and Janes, Gary A., 4,534,011, Cl. 364-900.000.
- Heath Company: *See—*
  - Ashton, Robert H., 4,546,348, Cl. 340-715.000.

Cubbage, William R., 4,501,456, Cl. 339-17.00L.
Hornback, Donald L., 4,542,326, Cl. 318-565.000.
Krenz, Horst M., 4,527,766, Cl. 248-371.000.
Krenz, Horst M., 4,538,875, Cl. 339-103.00R.

Heath, Derek E.: *See*—
Apairo, Jerry, Jr.; and Heath, Derek E., 4,538,989, Cl. 433-102.000.

Heath, Donald L.; and Chou, Der-Jeou, to ECD-ANR Energy Conversion Company. Thermoelectric device exhibiting decreased stress. 4,497,973, 2-5-85, Cl. 136-212.000.

Heath, Gary C.: *See*—
Carney, George T.; and Heath, Gary C., 4,509,585, Cl. 165-12.000.

Heath, Harry G., Jr. Tamper evident container closure. 4,527,702, 7-9-85, Cl. 215-225.000.

Heath, James E.; and Swenson, Hilmer W., to United States of America, Air Force. Sensor system. 4,517,464, 5-14-85, Cl. 250-370.000.

Heath, John S., to International Business Machines Corporation. Thermal print head. 4,554,559, 11-19-85, Cl. 346-76.0PH.

Heath, John S.: *See*—
Farran, John; Hatchett, Michael R.; and Heath, John S., 4,510,841, Cl. 83-176.000.

Heath, Joseph R. System for aiding note transpositions for stringed instruments. 4,537,111, 8-27-85, Cl. 84-473.000.

Heath, Norman W.: *See*—
Grantham, LeRoy F.; and Heath, Norman W., 4,498,147, Cl. 73-861.660.

Heath, Perry C.: *See*—
Chou, Ta-Sen; and Heath, Perry C., 4,525,587, Cl. 544-025.000.

Heath, Robert B.; and Nagel, Colin M., to Rainsfords Metal Products Pty. Ltd. Child restraint bassinet. 4,501,032, 2-26-85, Cl. 5-94.000.

Heath, Rodney T. Gas temperature control system for natural gas separator. 4,511,374, 4-16-85, Cl. 55-20.000.

Heath, Roger L., to R2 Corporation. Physiological monitoring electrode system. 4,494,552, 1-22-85, Cl. 128-696.000.

Heath-Tecna Precision Structures: *See*—
Fiala, Peter E.; Davis, Gerald E.; Tuma, Alan J.; and Hart, Jack E., 4,541,595, Cl. 244-129.300.

Heath, William F., Jr.: *See*—
Tam, James P.; Heath, William F., Jr.; and Merrifield, Robert B., 4,507,230, Cl. 260-112.50R.

Heathcoat, Michael J.; Jackson, Douglas H.; Jowitt, Frederick W.; Madley, Jack R.; and Stuart, Ian C. E., to Metal Box Limited. Apparatus for electrocoating. 4,515,677, 5-7-85, Cl. 204-300.0EC.

Heathcock, Osmond R.: *See*—
Atherton, John R.; Sindall, John H.; and Heathcock, Osmond R., 4,532,997, Cl. 169-56.000.

Heathcote, Geoffrey L.; and Hollowell, Alan C., to Rank Organisation Limited, The. Probes for measuring apparatus. 4,498,043, 2-5-85, Cl. 324-61.00P.

Heathe, William R., to Baxter Technologies Inc. Sliding bearing. 4,518,205, 5-21-85, Cl. 308-3.00R.

Heather, James B.; and Kanne, David B., to Stauffer Chemical Company. 4-(2,6-dialkylphenylamino)-3-alkoxy-2-butenoic acid and their use as herbicides. 4,514,215, 4-30-85, Cl. 71-107.000.

Heatherbell, David A.: *See*—
Sandine, William E.; and Heatherbell, David A., 4,547,373, Cl. 426-15.000.

Heatherington, Dale A., to Hayes Microcomputer Products, Inc. Digital PSK modulator for modem. 4,504,802, 3-12-85, Cl. 332-18.000.

Heatherington, Dale A., to Hayes Microcomputer Products, Inc. Modem with improved escape sequence mechanism to prevent escape in response to random occurrence of escape character in transmitted data. 4,549,302, 10-22-85, Cl. 375-8.000.

Heaton, Harry H., III: *See*—
Petrofsky, Jerrold S.; Phillips, Chandler A.; Glaser, Roger M.; and Heaton, Harry H., III, 4,499,900, Cl. 128-423.00W.
Petrofsky, Jerrold S.; Glaser, Roger M.; Petrofsky, Steven H.; and Heaton, Harry H., III, 4,556,214, Cl. 272-117.000.

Heaton, Robert: *See*—
Keltz, Douglas; and Heaton, Robert, 4,518,145, Cl. 251-5.000.

Heaton, William C., to Howell, Ronald P., a part interest. Internal combustion turbine engine. 4,555,903, 12-3-85, Cl. 60-595.000.

Heatwole, Richard L. Amusement and/or exercising device. 4,530,498, 7-23-85, Cl. 272-146.000.

Heaume, Jean, to Societe de Transformation des Matieres Plastiques. Fuel tank for a motor vehicle. 4,553,681, 11-19-85, Cl. 220-72.000.

Heavner, George: *See*—
Goldstein, Gideon; Heavner, George; Kroon, Daniel; and Audhya, Tapan, 4,505,853, Cl. 260-112.50R.
Goldstein, Gideon; Heavner, George; Audhya, Tapan; and Tjoeng, Foe-Siong, 4,547,489, Cl. 514-11.000.

Hebel, Carl: *See*—
Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.

Hebenstreit, William E.: *See*—
Yackel, Walter C., Jr.; and Hebenstreit, William E., 4,517,218, Cl. 426-656.000.

Heber, Helmut; Eberle, Reinhard; and Teetz, Volker, to Behringwerke Aktiengesellschaft. Chromogenic compounds, a process for their preparation and their use. 4,508,644, 4-2-85, Cl. 260-112.50R.

Heberlein, Irmtrud: *See*—
Michel, Wolfgang Paul, Heinz; Rummel, Andreas; Seher, Gero; Ossowski, Manfred; and Heberlein, Irmtrud, 4,533,438, Cl. 201-31.000.

Heberlein, Joachim V. R.; and Fey, Maurice G., to Westinghouse Electric Corp. Magnetic field stabilized transferred arc furnace. 4,495,625, 1-22-85, Cl. 373-107.000.

Heberlein Maschinenfabrik AG: *See*—
Simmen, Christian, 4,507,833, Cl. 28-254.000.

Heberlein, Werner: *See*—
von Laar, Klaus; Heberlein, Werner; and Burda, Josef, 4,534,294, Cl. 102-520.000.

Heberling, Paul V., to General Electric Company. Method for reducing nitric oxide emissions from a gaseous fuel combustor. 4,533,314, 8-6-85, Cl. 431-4.000.

Hebert, Alfred. Oil filter. 4,501,660, 2-26-85, Cl. 210-209.000.

Hebert, Alfred M. Energy efficient damper for a furnace. 4,509,499, 4-9-85, Cl. 126-292.000.

Hebert, Camile J. Penstock. 4,549,837, 10-29-85, Cl. 405-101.000.

Hebert, Dellon. Retriever for submerged objects. 4,540,370, 9-10-85, Cl. 441-9.000.

Hebert, Francis A., to South Louisiana Contractors Inc. Board road bundle cradle. 4,526,278, 7-2-85, Cl. 212-242.000.

Hebert, Francis A., to Soloco, Inc. Portable pneumatic nail driving apparatus. 4,549,682, 10-29-85, Cl. 227-119.000.

Hebert, John R., Jr., to Sprague Electric Company. Transformerless power inverter with only one type transistors. 4,533,989, 8-6-85, Cl. 363-132.000.

Hebert, Philip J.; and Blanchette, Leon G., to LeBlanco Limited. Broiler oven. 4,535,750, 8-20-85, Cl. 126-41.00B.

Hebrank, William H. Heat recovery and air preheating apparatus. 4,501,318, 2-26-85, Cl. 165-1.000.

Hebrant, Georges, to Kaiser Aluminum & Chemical Corporation. Preheated trough for molten metal transfer. 4,531,717, 7-30-85, Cl. 266-166.000.

Hechenbleikner, Ingenuin; and Enlow, William P., to Borg-Warner Chemicals, Inc. Stabilized olefin polymers. 4,501,838, 2-26-85, Cl. 524-108.000.

Hechenbleikner, Ingenuin; and Enlow, William P., to Borg-Warner Chemicals, Inc. Acetal esters. 4,507,489, 3-26-85, Cl. 549-375.000.

Hechenbleikner, Ingenuin; and Enlow, William P., to Borg-Warner Chemicals, Inc. Preparation of N-acyl-2,5-dimethylpyrroles from amides and acetonylacetone. 4,511,725, 4-16-85, Cl. 548-530.000.

Hechenbleikner, Ingenuin; and Enlow, William P., to Borg-Warner Chemicals, Inc. Substituted 2,5-dimethylpyrroles. 4,551,539, 11-5-85, Cl. 548-412.000.

Hechenbleikner, Ingenuin; and Enlow, William P., to Borg-Warner Chemicals, Inc. Substituted 2,5-dimethylpyrroles. 4,551,540, 11-5-85, Cl. 548-531.000.

Hecht, Betsalel; and Hecht, Silviu. Means for loading fowl onto a transporting vehicle. 4,499,856, 2-19-85, Cl. 119-82.000.

Hecht, Richard M.; and Seaverns, Robert G., to Gasway Corporation. Hub lock for coil former support means. 4,542,860, 9-24-85, Cl. 242-72.00R.

Hecht, Richard M.; and Seaverns, Robert G., to Gasway Corporation. Coil winding control guide. 4,553,713, 11-19-85, Cl. 242-78.100.

Hecht, Silviu: *See*—
Hecht, Betsalel; and Hecht, Silviu, 4,499,856, Cl. 119-82.000.

Heck, Gunter; Lienerth, Aladar; Malow, Egon; Schwarz, Karl-Heinz; and Faust, Uwe, to Hoechst Aktiengesellschaft. Process for the continuous rectification of alcoholic fermates. 4,511,437, 4-16-85, Cl. 203-19.000.

Heck, James V., to Merck & Co., Inc. Substituted 1-azabicyclo(3.2.0)hept-6-en-2-one-7-carboxylic acids. 4,529,597, 7-16-85, Cl. 514-413.000.

Heck, James V.: *See*—
Andrus, W. Alexander; Christensen, Burton G.; and Heck, James V., 4,544,557, Cl. 514-210.000.

Heck, Klaus; and Lindner, Horst, to Audi AG. Method of producing accurately scaled, well-defined surfaces of work pieces from carbonaceous cast iron with tribologic properties. 4,543,170, 9-24-85, Cl. 204-129.200.

Heck, Klaus: *See*—
Lindner, Horst J.; Ufer, Peter P.; Heck, Klaus; and Schmoger, Gerhard, 4,504,370, Cl. 204-129.100.

Heck, Ronald M.: *See*—
Beshty, Bahjat S.; Hatfield, W. Robert; Lee, Hyo C.; Heck, Ronald M.; and Hsiung, Thomas H., 4,526,614, Cl. 75-83.000.
Hatfield, William R.; Heck, Ronald M.; and Hsiung, Thomas H., 4,497,657, Cl. 75-83.000.
Hwang, Herng-Shinn; Heck, Ronald M.; and Yarrington, Robert M., 4,522,894, Cl. 429-17.000.
Rubbo, John T.; Burns, Kenneth R.; Heck, Ronald M.; and Early, John J., 4,502,444, Cl. 123-440.000.

Heck, Samuel C.; and Garrison, Lee E., to Sani-Fresh International, Inc. Cleaning system with cartridge having valve means. 4,534,669, 8-13-85, Cl. 401-134.000.

Hecke, Paul; Burger, Arnulf; and Werther, Heinz-Ulrich, to BASF Aktiengesellschaft. Apparatus for treating printing plates. 4,497,081, 2-5-85, Cl. 15-102.000.

Heckele, Helmut, to Richard Wolf GmbH. Nasal endoscopes. 4,517,962, 5-21-85, Cl. 128-6.000.

Heckenbach, Terry A., to Johnson Service Company. Noise-neutralizing digital interface circuit. 4,504,959, 3-12-85, Cl. 375-36.000.

Heckenbach, Terry A.: *See*—
Rudich, George, Jr.; Beeson, Charles F.; Bartley, Gary L.; and Heckenbach, Terry A., 4,554,496, Cl. 318-600.000.

Heckendorn, Roland, to Ciba-Geigy Corporation. Tricyclic polyazaheterocycles for treating depression or anxiety. 4,510,141, 4-9-85, Cl. 514-250.000.

- Hecker, Joel: *See—*
  - DiMatteo, Paul; and Hecker, Joel, 4,533,828, Cl. 250-216.000.
- Hecker, Leonard R., to McNeilab, Inc. 2-amino-4,5-dihydro-1H-imizole-1-carboxanilides. 4,513,140, 4-23-85, Cl. 548-315.000.
- Heckert, David C.: *See—*
  - Nakel, Gunther M.; and Heckert, David C., 4,551,342, Cl. 426-548.000.
- Heckl, Franz; and Herget, Herbert, to Lenser Verwaltungs-GmbH. Snap-together filter-plate assembly. 4,508,623, 4-2-85, Cl. 220-229.000.
- Heckl, Maria A.: *See—*
  - Ffowcs Williams, John E.; Dines, Philip J.; and Heckl, Maria A., 4,557,106, Cl. 60-39.281.
- Heckler & Koch GmbH: *See—*
  - Brandl, Rudolf; and Doll, Herbert, 4,501,189, Cl. 89-14.400.
  - Fritz, Raimund; and Zeyher, Fritz, 4,510,844, Cl. 89-135.000.
  - Thevis, Paul; and Moller, Tilo, 4,505,336, Cl. 169-85.000.
  - Thevis, Paul; and Danner, Helmut, 4,512,236, Cl. 89-128.000.
  - Thevis, Paul; Danner, Helmut; and Weisser, Erich, 4,523,509, Cl. 89-129.020.
- Heckler, Manfred: *See—*
  - Schwellinger, Pius; Ried, Alois; Timm, Jurgen; and Heckler, Manfred, 4,525,326, Cl. 420-535.000.
- Heckmann, Walter: *See—*
  - Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, 4,560,708, Cl. 521-137.000.
- Hecock, J. Edwin; and Mumper, James O., to E & J Demark, Inc. Electrical grounding rod driving device. 4,557,409, 12-10-85, Cl. 227-147.000.
- Hedberg, Allan, to Stensele Mekaniska Verkstad AB. Cutting unit with chain saw for cutting logs. 4,530,266, 7-23-85, Cl. 83-801.000.
- Hedberg, Borje J. Device for web removal from a cylinder. 4,528,067, 7-9-85, Cl. 162-281.000.
- Hedberg, Frederick L.; and Unroe, Marilyn R., to University of Dayton. Process for preparing halogen-terminated oligomers useful in the production of acetylene-terminated resins. 4,550,210, 10-29-85, Cl. 568-33.000.
- Hedblom, Mats-Olov: *See—*
  - Ericsson, Thomas; Gylfe, Sten; and Hedblom, Mats-Olov, 4,519,918, Cl. 210-680.000.
- Hedegard, Peter L.: *See—*
  - Raymor, Willard E.; and Hedegard, Peter L., 4,521,255, Cl. 134-33.000.
- Hedelin, Lars G. B. Method for regulating the operating cycle in an external combustion engine. 4,490,971, 1-1-85, Cl. 60-39.630.
- Hedelin, Lars G. B. Cam apparatus with a rotatable, variable-profile cam means. 4,498,352, 2-12-85, Cl. 74-568.00R.
- Hedelin, Lars G. B. Method of controlling the combustion cycle in a combustion engine. 4,539,946, 9-10-85, Cl. 123-48.00A.
- Heden-Team A.G.: *See—*
  - Hedenberg, Gunnar, 4,550,653, Cl. 99-348.000.
  - Hedenberg, Gunnar, 4,550,654, Cl. 99-348.000.
- Hedenberg, Gunnar, to Heden-Team A.G. Apparatus for making food products. 4,550,653, 11-5-85, Cl. 99-348.000.
- Hedenberg, Gunnar, to Heden-Team A.G. Apparatus for automatic preparation of food products such as bread, cakes and the like. 4,550,654, 11-5-85, Cl. 99-348.000.
- Hedenberg, William E. Air suspension system. 4,518,171, 5-21-85, Cl. 280-711.000.
- Hedges, Charles V.: *See—*
  - Mark, Victor; and Hedges, Charles V., 4,520,187, Cl. 528-176.000.
  - Mark, Victor; and Hedges, Charles V., 4,535,191, Cl. 568-727.000.
  - Mark, Victor; and Hedges, Charles V., 4,547,564, Cl. 528-176.000.
  - Mark, Victor; and Hedges, Charles V., 4,554,309, Cl. 524-611.000.
  - Mark, Victor; and Hedges, Charles V., 4,554,330, Cl. 525-462.000.
  - Mark, Victor; and Hedges, Charles V., 4,560,808, Cl. 568-722.000.
  - Mark, Victor; and Hedges, Charles V., 4,562,242, Cl. 528-193.000.
- Hedin, Jan-Erik: *See—*
  - Lindblom, Thore; Hedin, Jan-Erik; and Wickstrom, Sven, 4,513,799, Cl. 144-379.000.
- Hedin, Raymond C.; and Hewitt, Fred G., to United States of America, Air Force. Wide angle optical transmitter/receiver. 4,559,445, 12-17-85, Cl. 250-203.00R.
- Hedin, Raymond C.: *See—*
  - Andersen, David P.; Hedin, Raymond C.; and Siebenand, John F., 4,550,425, Cl. 381-30.000.
- Hedlund, Bo P. S.; and Arnoldsson, Erik, to Kockums Industri AB. Wheeled working vehicle with crane. 4,505,396, 3-19-85, Cl. 212-223.000.
- Hedlund, Bo P. S.; and Arnoldsson, Erik, to Kockums Industri AB. Articulated waist terrain vehicle. 4,506,792, 3-26-85, Cl. 212-223.000.
- Hedlund, Martin L.: *See—*
  - Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., 4,508,565, Cl. 75-77.000.
  - Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., 4,512,798, Cl. 75-3.000.
- Hedrenius, Stig Erik T., to Sancon Aktiebolag. Method to clean up oil spills or similar substances and a device to practice this method. 4,492,001, 1-8-85, Cl. 15-320.000.
- Hedrich, Dieter: *See—*
  - Heinrich, Hans; and Hedrich, Dieter, 4,519,537, Cl. 228-221.000.
- Hedrich, Winfried: *See—*
  - Rathert, Horst; and Hedrich, Winfried, 4,524,857, Cl. 198-409.000.
- Hedrick, George. Adjustable shoe tap. 4,513,519, 4-30-85, Cl. 36-113.000.
- Hedrick, Harold M., II, to Apache Equipment, Inc. Apparatus and method for producing virgin and/or reclaiming used abrasives. 4,523,988, 6-18-85, Cl. 209-11.000.
- Hedrick, Harold N.; and Whitney, Solon G., to American Petro Mart, Inc. Method of using higher concentration sulfuric acid for stripping and precipitation of adsorbed magnesium. 4,493,907, 1-15-85, Cl. 521-26.000.
- Hedrick, Paul A., to Essex Group, Inc. Method of molding an electrical connector. 4,495,130, 1-22-85, Cl. 264-255.000.
- Hedrick, Robert, to Mailroom Systems, Inc. Signature stacker including improved intercept means. 4,514,128, 4-30-85, Cl. 414-49.000.
- Hedrick, Ross M.: *See—*
  - Woodbrey, James C.; Moncur, Marlowe V.; and Hedrick, Ross M., 4,546,147, Cl. 525-183.000.
- Hedrick, Warren R.: *See—*
  - Baileys, James P.; and Hedrick, Warren R., 4,502,370, Cl. 98-60.000.
- Hedstrom, Norman A.: *See—*
  - Cournoyer, Bernard T.; and Hedstrom, Norman A., 4,520,976, Cl. 248-56.000.
- Heed, Bjorn. Welding method and equipment therefor. 4,538,048, 8-27-85, Cl. 219-137.00R.
- Heede International Ltd.: *See—*
  - Bagaric, Stjepan; and Pietsch, Gunter, 4,505,207, Cl. 105-163.0SK.
- Heeks, John S.; and Cooke, Roger E., to International Standard Electric Corporation. Two-dimensional acousto-optic deflection arrangement. 4,561,727, 12-31-85, Cl. 350-351.000.
- Heemstra, Timothy R., to Halliburton Company. Tubular spring slip-joint and jar. 4,512,424, 4-23-85, Cl. 175-299.000.
- Heenan, Sidney A., to Amerace Corporation. Mobile testing apparatus. 4,505,590, 3-19-85, Cl. 356-445.000.
- Heep Tung Manufactory Limited: *See—*
  - Luk, Ka-Shiu, 4,492,318, Cl. 222-79.000.
- Heerema, E. P., executor: *See—*
  - Meek, Jan; Uittenbogaard, Maurice; Michelsen, Finn C.; and Heerema, Pieter S., deceased, 4,557,629, Cl. 405-204.000.
- Heerema Engineering Service BV: *See—*
  - Meek, Jan; Uittenbogaard, Maurice; Michelsen, Finn C.; and Heerema, Pieter S., deceased, 4,557,629, Cl. 405-204.000.
  - Willemse, Kees; Meek, Jan; and Michelsen, Finn C., 4,553,878, Cl. 405-203.000.
- Heerema, Pieter S., deceased: *See—*
  - Meek, Jan; Uittenbogaard, Maurice; Michelsen, Finn C.; and Heerema, Pieter S., deceased, 4,557,629, Cl. 405-204.000.
- Heeren, Vernon L., to Raytheon Company. RF applicator for in situ heating. 4,508,168, 4-2-85, Cl. 166-248.000.
- Heeres, Jan; and Mostmans, Joseph, to Janssen Pharmaceutica N.V. Derivatives of [4-(piperazin-1-yl-phenyloxymethyl)-1,3-dioxolan-2-ylmethyl]-1H-imidazoles and 1H-1,2,4-triazoles. 4,503,055, 3-5-85, Cl. 514-285.000.
- Heeres, Jan; Backx, Leo J. J.; and Mostmans, Joseph H., to Janssen Pharmaceutica N.V. Antimicrobial imidazole derivatives. 4,524,110, 6-18-85, Cl. 428-537.100.
- Heeres, Jan; and Mostmans, Joseph H., to Janssen Pharmaceutica N.V. Heterocyclic derivatives of (4-aryloxymethyl-1,3-dioxolan-2-yl)methyl-1H-imidazoles and 1H-1,2,4-triazoles. 4,533,550, 8-6-85, Cl. 514-256.000.
- Heeres, Jan, to Janssen Pharmaceutica N.V. 1-(2-aryl-2-halo-1-ethenyl)-1H-azoles, and anticonvulsant use thereof. 4,539,325, 9-3-85, Cl. 514-283.000.
- Heerlein, Manfred, to Siemens Aktiengesellschaft. Axial fan with blades that automatically adjust to the direction of rotation. 4,515,511, 5-7-85, Cl. 416-131.000.
- Heermann GmbH: *See—*
  - Meistring, Rolf; Siegling, Hans-Friedrich; and Pfahl, Siegfried, 4,516,831, Cl. 350-96.230.
- Hees, Eckart: *See—*
  - Bauer, Gerhard; Hees, Eckart; and Beckers, Karl-Dieter, 4,508,241, Cl. 222-600.000.
- Heescher, Felix, to Rohm GmbH Chemische Fabrik. Reinforced construction panel. 4,536,997, 8-27-85, Cl. 52-86.000.
- Heese, Joachim: *See—*
  - vonBebenburg, Walter, deceased; Heese, Joachim; Engel, Jurgen; and Thiele, Kurt, 4,554,281, Cl. 514-353.000.
- Heesom, Neil C.: *See—*
  - Buckle, Brian L.; and Heesom, Neil C., 4,527,582, Cl. 137-81.200.
- Heeson, Iona E.: *See—*
  - McAloon, Kevin T.; Heeson, Iona E.; and Cleaver, Gordon E., 4,539,046, Cl. 106-121.000.
- Hefele, Josef, to Kufner Textilwerke GmbH. Process for the reinforcement of flexible flat parts, such as top cloths or linings for articles of clothing. 4,504,517, 3-12-85, Cl. 427-13.000.
- Hefer, Fred W., to Oyo Corporation, U.S.A. Horizontal geophone transducer assembly. 4,525,819, 6-25-85, Cl. 367-188.000.
- Heffelfinger, Michael T.: *See—*
  - Chen, Michael S.; and Heffelfinger, Michael T., 4,529,577, Cl. 423-351.000.
- Heffentrager, Joel L., to SMS Schloemann-Siemag, Inc. Rolling mill. 4,537,056, 8-27-85, Cl. 72-238.000.
- Hefferon, James E.: *See—*
  - O'Malley, Michael P.; Henderson, David E.; Cable, Mark J.; and Hefferon, James E., 4,532,093, Cl. 264-40.100.
- Heffner, Richard M.: *See—*
  - Over, William R.; Wion, Donald A.; and Heffner, Richard M., 4,554,725, Cl. 29-564.400.

- Heffner, Robert E.; and Davidson, Joan J., to Aluminum Company of America. Electrocoating apparatus. 4,544,475, 10-1-85, Cl. 204-300.0EC.
- Heffner, William R.: *See—*
  - Berreman, Dwight W.; and Heffner, William R., 4,505,548, Cl. 350-346.000.
  - Berreman, Dwight W.; Heffner, William R.; and Kmetz, Allan R., 4,529,271, Cl. 350-333.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Heat resistant polyester(amide) composition. 4,496,688, 1-29-85, Cl. 525-44.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Advanced epoxy resins containing triazine or both triazine and oxazoline groups. 4,506,063, 3-19-85, Cl. 528-96.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Vinyl ester resins containing triazine or both triazine and oxazoline groups. 4,515,934, 5-7-85, Cl. 528-92.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. High yield process for the cyanoalkylation or amidoalkylation or hydroxyaromatic compounds. 4,517,131, 5-14-85, Cl. 260-465.00F.
- Hefner, Robert E., Jr.; Martin, Patrick H.; and Stevens, Gregory A., to Dow Chemical Company, The. Compositions of unsaturated polyesters or polyesteramides and efficient flexibilizers therefor. 4,524,178, 6-18-85, Cl. 525-28.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Alkenylphenylglycidyl ether capped hydroxystyryl pyridines (pyrazines) and polymers thereof. 4,539,377, 9-3-85, Cl. 525-401.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Allyl styryl pyridines and pyrazines and polymers thereof. 4,540,745, 9-10-85, Cl. 525-401.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Allylated di or polycyclopentadiene diphenols. 4,540,829, 9-10-85, Cl. 568-634.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Polymeric cyanate compositions. 4,544,704, 10-1-85, Cl. 525-108.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Allylated di or polycyclopentadiene diphenols and thermosettable compositions containing same. 4,546,129, 10-8-85, Cl. 523-456.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Polymer modified cyanate mixture and epoxy resins thereof. 4,546,131, 10-8-85, Cl. 523-466.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Hydroxyaromatic oligomers of a mixed cyanate and aromatic polyamine and epoxy resins thereof. 4,555,553, 11-26-85, Cl. 525-523.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Oligomeric vinyl ester resin compositions containing triazine groups and imino carbamate linkages. 4,555,554, 11-26-85, Cl. 525-531.000.
- Hefner, Robert E., Jr., and White, Mary N., to Dow Chemical Company, The. Imide functional polyphenols; thermosettable compositions containing same and cured products therefrom. 4,555,563, 11-26-85, Cl. 528-96.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Thermosettable resin compositions containing a polyepoxide and an alkenyl phenyl cyanate. 4,558,115, 12-10-85, Cl. 528-92.000.
- Hefner, Robert E., Jr., to Dow Chemical Company, The. Polymer modified cyanate and/or cyanamide compositions. 4,559,399, 12-17-85, Cl. 528-120.000.
- Hefner, Robert E., Jr.; and Hunter, Douglas L., to Dow Chemical Company, The. Polyimido-ester compounds and thermoset resin compositions containing same. 4,560,768, 12-24-85, Cl. 548-435.000.
- Hefner, Werner: *See—*
  - Wagner, Eckhart; Volkamer, Klaus; Hefner, Werner; and Wagner, Ulrich, 4,551,158, Cl. 55-46.000.
- Heft, Eldon B.; Huseby, Irvin C.; and Szymaszek, Jan W., to General Electric Company. Molding composition for arc circuit breakers. 4,511,773, 4-16-85, Cl. 200-144.00C.
- Heft, Josef, to Siemens Aktiengesellschaft. Method for producing electrical connection with a ribbon cable. 4,528,749, 7-16-85, Cl. 29-858.000.
- Heft, Josef: *See—*
  - Vertenten, Edward; and Heft, Josef, 4,537,455, Cl. 339-99.00R.
- Hefti, Kurt; and Wirth, Stefan, to Franz Buttner AG. Ribbon cassette for word processors, printers and typewriters. 4,502,801, 3-5-85, Cl. 400-208.000.
- Hegadorn, Joseph L.: *See—*
  - Altares, Romulo A.; Gibson, David S.; Goyda, Michael A.; Hegadorn, Joseph L.; and Kapoor, Virendra N., 4,548,045, Cl. 62-63.000.
- Hegar, Gert; and Seiler, Herbert, to Ciba-Geigy Corporation. Heavy metal-containing formazane dyes containing a fiber-reactive fluorotriazine group. 4,556,706, 12-3-85, Cl. 534-618.000.
- Hegar, Gert: *See—*
  - Seiler, Herbert; and Hegar, Gert, 4,507,236, Cl. 534-634.000.
- Hegarty, Bernard L. Fence system. 4,508,320, 4-2-85, Cl. 256-47.000.
- Hegarty, William P., to Air Products and Chemicals, Inc. Process for the recovery and recycle of effluent gas from the regeneration of particulate matter with oxygen and carbon dioxide. 4,542,114, 9-17-85, Cl. 502-39.000.
- Hegarty, William P., to Air Products and Chemicals, Inc. Process for producing by-product oxygen from turbine power generation. 4,545,787, 10-8-85, Cl. 55-16.000.
- Hegasy, Ahmed; Rupp, Roland; Ramsch, Klaus-Dieter; and Luchtenberg, Helmut, to Bayer Aktiengesellschaft. Two-phase formulation. 4,562,069, 12-31-85, Cl. 424-80.000.
- Hege, Hans-Gunther: *See—*
  - Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.
- Hegedus, Bela; Balint, Sandor; Hudak, Janos; Barta, Gyorgy; and Aszlanyi, Jozsef, to "Oktober 6" Mezogazdasagi Termeloszovetkezet. Method and device for low energy consumption or granular products or the like containing moisture fixed or deposited at the surface with a constant yield. 4,555,858, 12-3-85, Cl. 34-25.000.
- Hegedus, Bela: *See—*
  - Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.
- Hegedus, Elizabeth: *See—*
  - Altomare, Robert E.; Beale, Robert J.; Glicksman, Martin; Hegedus, Elizabeth; Schulman, Marvin; and Silverman, Jerry E., 4,526,794, Cl. 426-258.000.
  - Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,503,083, Cl. 426-553.000.
  - Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,526,799, Cl. 426-553.000.
- Hegedus, Janos: *See—*
  - Gomory, Pal; Hegedus, Janos; Kiss, Ferenc; and Simon, Attila, 4,541,488, Cl. 166-307.000.
- Hegedus, Karoly, to Aranykalasz Mgtsz. Vehicle with eccentrically mounted wheels. 4,518,176, 5-21-85, Cl. 280-229.000.
- Hegedus, Louis: *See—*
  - Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,262, Cl. 502-304.000.
  - Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,995, Cl. 423-213.500.
  - Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,261, Cl. 502-304.000.
  - Pereira, Carmo J.; and Hegedus, Louis, 4,510,263, Cl. 502-314.000.
  - Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,996, Cl. 423-213.500.
- Hegemann, Fritz; and Beihammer, Horst., to Krupp Bruninghaus GmbH. Spring teeth. 4,534,418, 8-13-85, Cl. 172-708.000.
- Hegemann, Karl-Rudolf: *See—*
  - Weissert, Helmut; and Hegemann, Karl-Rudolf, 4,503,020, Cl. 423-242.000.
- Hegenstaller, Anton. Pallet cleat and method of making same. 4,559,194, 12-17-85, Cl. 264-113.000.
- Heger, Werner; Kaltenthaler, Wolfgang; and Wilke, Helmut, to WABCO Fahrzeugbremsen GmbH. Unloading mechanisms for air compressors. 4,505,648, 3-19-85, Cl. 417-297.000.
- Heger, Werner; Kaltenthaler, Wolfgang; and Wilke, Helmut, to WABCO Fahrzeugbremsen GmbH. Unloading mechanisms for air compressors. 4,553,907, 11-19-85, Cl. 417-297.000.
- Heger, Werner: *See—*
  - Gelse, Hans-Dieter; Heger, Werner; and Kramer, Manfred, 4,522,568, Cl. 417-307.000.
- Hegewaldt, Fritz: *See—*
  - Gillhaus, Horst; Hegewaldt, Fritz; Faber, Wolfgang; Baer, Jurgen; and Toplak, Ernst, 4,518,352, Cl. 432-199.000.
- Hegg, Allan B.; and Phares, James S., to Century Boat Company. Boat including swim platform. 4,548,155, 10-22-85, Cl. 114-362.000.
- Heggeland, Bruce; Garcia, George; and LoBosco, Sam S., to Family Distributors, Inc. Collapsible case. 4,491,231, 1-1-85, Cl. 220-6.000.
- Heggeland, Bruce: *See—*
  - Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, 4,512,361, Cl. 137-355.270.
  - Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, 4,542,938, Cl. 297-445.000.
- Heggelund, Merel A. Trigger operated panic safety switch. 4,523,065, 6-11-85, Cl. 200-157.000.
- Heggenstaller, Anton. Pressed-material pallet cleat and method and mold for making same. 4,559,195, 12-17-85, Cl. 264-120.000.
- Hegi, Paul, to Lupa Finances S.A. Automatic dialer for telephone numbers. 4,521,648, 6-4-85, Cl. 179-90.00B.
- Hegle, Richard L., to Ameron, Inc. Mortarless retaining-wall system and components thereof. 4,512,685, 4-23-85, Cl. 405-284.000.
- Hegler, Gary G.: *See—*
  - Anderson, Stanley E.; and Hegler, Gary G., 4,497,618, Cl. 418-212.000.
- Hegler, Ralph-Peter: *See—*
  - Hegler, Wilhelm; and Hegler, Ralph-Peter, 4,492,551, Cl. 425-144.000.
  - Hegler, Wilhelm; and Hegler, Ralph-Peter, 4,513,787, Cl. 138-166.000.
- Hegler, Wilhelm; and Hegler, Ralph-Peter, to Hegler, Wilhelm. Apparatus for the production of plastic pipes with transverse grooves. 4,492,551, 1-8-85, Cl. 425-144.000.
- Hegler, Wilhelm; and Hegler, Ralph-Peter, to Hegler, Wilhelm. Corrugated sheathing hose. 4,513,787, 4-30-85, Cl. 138-166.000.
- Hegner, Frank: *See—*
  - Woest, Wolfgang; Silbermann, Rainer; and Hegner, Frank, 4,530,030, Cl. 361-286.000.
- Hegner, Gunter: *See—*
  - Forberg, Horst; Achtnig, Klaus-Peter; Hegner, Gunter; and Boes, Gerhard, 4,533,196, Cl. 339-97.00P.
- Hehl, Edward M.: *See—*
  - Swartzbaugh, Peter T.; and Hehl, Edward M., 4,503,985, Cl. 215-252.000.
  - Swartzbaugh, Peter T.; and Hehl, Edward M., 4,527,706, Cl. 215-252.000.

  Swartzbaugh, Peter T.; and Hehl, Edward M., 4,540,099, Cl. 215-252.000.
Hehl, Karl. Injection molding machine with mold changing and mold preconditioning device. 4,518,338, 5-21-85, Cl. 425-183.000.
Hehl, Karl. Mounting arrangement for die closing unit of injection molding machine. 4,530,655, 7-23-85, Cl. 425-589.000.
Hehl, Karl. Reversing mechanism for safety gate of injection molding machine. 4,536,144, 8-20-85, Cl. 425-154.000.
Hehl, Karl. Attachment mechanism for interchangeable injection molding dies. 4,544,340, 10-1-85, Cl. 425-183.000.
Hehl, Karl. Injection molding machine with self-connecting ejection device. 4,545,753, 10-8-85, Cl. 425-350.000.
Hehl, Karl. Multi-pin plug connection system for electronic control unit. 4,558,916, 12-17-85, Cl. 339-107.000.
Hehlen, Robert: *See—*
  Hareng, Michel; Hehlen, Robert; Marcenac, Philippe; Le Berre, Serge; Leclerc, Pierre; and Perbet, Jean-Noel, 4,525,708, Cl. 340-713.000.
Hehn, Bruce A., to Alpha Enterprises, Inc. Display device. 4,561,200, 12-31-85, Cl. 40-156.000.
HEI, Inc.: *See—*
  Mueller, Wayne A.; and Schuette, Scott D., 4,550,250, Cl. 250-203.00R.
Heiart, Robert B.; and Cohen, Abraham B., to Du Pont de Nemours, E. I., and Company. Multiple registration and imaging process to form a set of registered imaged elements. 4,508,802, 4-2-85, Cl. 430-22.000.
Heiart, Robert B.; and Cohen, Abraham B., to Du Pont de Nemours, E. I., and Company. Automatic repetitive registration and image wise exposure of sheet substrates. 4,518,667, 5-21-85, Cl. 430-22.000.
Heiart, Robert B.; and Cohen, Abraham B., to Du Pont de Nemours, E. I., and Company. Sequential automatic registration and imagewise exposure of a sheet substrate. 4,522,903, 6-11-85, Cl. 430-22.000.
Heiart, Robert B.; and Cohen, Abraham B., to Du Pont de Nemours, E. I., and Company. Automatic repetitive registration and imagewise exposure of sheet substrates. 4,527,890, 7-9-85, Cl. 355-100.000.
Heiart, Robert B., to Du Pont de Nemours, E. I., and Company. Registering and exposing sheet substrates using photosensitive liquid. 4,548,884, 10-22-85, Cl. 430-22.000.
Heiba, El-Ahmadi I. Herbicidal N-substituted-5(substituted-phenoxy)-2-substituted benzoic acid sulfamidoyl fluoride. 4,528,145, 7-9-85, Cl. 260-543.00F.
Heiba, El-Ahmadi I.; and Williams, Albert L., to Mobil Oil Corporation. Hydroxyamide acid products and butyrolactone and butyrolactam products. 4,539,127, 9-3-85, Cl. 252-47.500.
Heiba, El-Ahmadi I. Herbicidal N-substituted-5-(substituted-phenoxy)-2-substituted benzoic acid sulphonamides. 4,562,279, 12-31-85, Cl. 560-12.000.
Heiber, Oskar: *See—*
  Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, 4,515,804, Cl. 514-456.000.
Heiber, Sonia J.: *See—*
  Mueller, Karl F.; and Heiber, Sonia J., 4,548,990, Cl. 525-123.000.
Heiberger, Ernst; and Heiberger, Franz. Machine for vibratory grinding of workpieces. 4,559,742, 12-24-85, Cl. 51-163.100.
Heiberger, Franz: *See—*
  Heiberger, Ernst; and Heiberger, Franz, 4,559,742, Cl. 51-163.100.
Heichberger, Albert N. Carbon dioxide liquification system. 4,498,303, 2-12-85, Cl. 62-21.000.
Heichlinger, Norbert: *See—*
  Heinrich, Karl; Heichlinger, Norbert; and Donig, Adolf, 4,559,772, Cl. 57-247.000.
Heida, Bernd: *See—*
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Heide, Carsten, to Flexlift Huberate GmbH. Lift. 4,534,544, 8-13-85, Cl. 254-9.00C.
Heide, Helga: *See—*
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Heide, Wilfried: *See—*
  Schneider, Kurt; Heide, Wilfried; Hartmann, Juergen; and Hartmann, Heinrich, 4,520,210, Cl. 560-222.000.
Heide, Wolfgang M.: *See—*
  Freund, Hans-Ulrich; Heide, Wolfgang M.; and Sieglen, Rolf A., 4,558,752, Cl. 175-207.000.
Heidecker, Robert F., to Dairy Systems, Inc. Animal identification band and method and means for permanently fastening same. 4,512,096, 4-23-85, Cl. 40-304.000.
Heidegger, Peter; and Kiefer, Jakob, to Siemens Aktiengesellschaft. Semiconductor component with pressure contact. 4,523,219, 6-11-85, Cl. 357-79.000.
Heidel, Jeffrey C.; and Swartz, Harold L., to Sperry Corporation. Electronic inclination gauge with acceleration compensation. 4,531,300, 7-30-85, Cl. 33-366.000.
Heidel, Jeffrey C.; Hoogervorst, Thomas R.; Lane, Lynn R.; and Swartz, Harold L., to Sperry Corporation. Tilt sensor and monitoring system. 4,547,972, 10-22-85, Cl. 33-366.000.
Heidelberg, Gotz. Rotary electric machine. 4,491,769, 1-1-85, Cl. 318-254.000.
Heidelberg, Gotz. Vehicle which can be held on a roadway with the aid of an attracting magnetic device. 4,516,505, 5-14-85, Cl. 104-284.000.
Heidelberger Druckmaschinen AG: *See—*
  Darda, Walter, 4,521,007, Cl. 270-47.000.
  Durrnagel, Klaus; Jeschke, Willi; and Jahn, Hans-Georg, 4,534,289, Cl. 101-348.000.
  Fischer, Rudolf; and Spiegel, Nikolaus, 4,499,760, Cl. 73-159.000.
  Jahn, Hans-Georg, 4,552,069, Cl. 101-420.000.
  Jeschke, Willi, 4,502,387, Cl. 101-365.000.
  Junghans, Rudi, 4,495,864, Cl. 101-365.000.
  Junghans, Rudi, 4,546,701, Cl. 101-349.000.
  Muller, Hans, 4,509,939, Cl. 493-444.000.
  Pfizenmaier, Wolfgang, 4,527,069, Cl. 250-548.000.
  Pollich, Gerhard, 4,561,645, Cl. 271-195.000.
  Rodi, Anton; Blasius, Udo; and Uhrig, Dieter, 4,558,216, Cl. 250-223.00R.
Heidelberger, Walter; and Morsch, Joachim, to BSO Steuerungstechnik GmbH. Control mechanism. 4,492,128, 1-8-85, Cl. 74-471.0XY.
Heideman, Robert J.: *See—*
  Stevens, Frederick G.; Heideman, Robert J.; and Holden, Jerry B., 4,539,769, Cl. 42-1.00A.
Heidemann, Albert: *See—*
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Heidemann, Gerhard, to Norton Christensen, Inc. High pressure sealing means for longitudinally movable parts of deep-well drilling tools. 4,523,765, 6-18-85, Cl. 277-165.000.
Heidemann, Gerhard: *See—*
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Heidemann, Gunter: *See—*
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Heidemeyer, Paulus; and Zantopp, Werner, to Volkswagenwerk Aktiengesellschaft. Hybrid drive for a vehicle, in particular an automobile. 4,533,011, 8-6-85, Cl. 180-65.200.
Heidemeyer, Paulus: *See—*
  Oetting, Hermann; and Heidemeyer, Paulus, 4,499,965, Cl. 180-165.000.
  Oetting, Hermann; Heidemeyer, Paulus; and Zimmermann, Frank, 4,543,855, Cl. 74-859.000.
  Scholz, Romanus; Heidemeyer, Paulus; and Hofbauer, Peter, 4,531,605, Cl. 180-165.000.
Heiden, Ulrich; and Atzler, Peter, to Bayerische Motoren Werke AG. Drivable wheel for the finish grinding or polishing of the surface of a vehicle body or the like. 4,517,773, 5-21-85, Cl. 51-336.000.
Heidenescher, Hermann: *See—*
  Appel, Hans; and Heidenescher, Hermann, 4,535,830, Cl. 160-299.000.
Heidenreich, Holger: *See—*
  Schenk, Gunther; Bergthaller, Peter; Heidenreich, Holger; and Wolfrum, Gerhard, 4,524,123, Cl. 430-241.000.
Heider, Alfred; Schlick, Erich; and Schnall, Gunther, to AGFA-Gevaert, A.G. Apparatus for aligning sheets in a stack. 4,548,399, 10-22-85, Cl. 271-221.000.
Heider, Dale J.: *See—*
  Heider, Merle J.; Heider, Dale J.; and Heider, Leon J., 4,518,193, Cl. 296-98.000.
  Heider, Merle J.; Heider, Dale J.; and Heider, Leon J., 4,529,098, Cl. 220-211.000.
Heider, Leon J.: *See—*
  Heider, Merle J.; Heider, Dale J.; and Heider, Leon J., 4,518,193, Cl. 296-98.000.
  Heider, Merle J.; Heider, Dale J.; and Heider, Leon J., 4,529,098, Cl. 220-211.000.
Heider, Merle J.; Heider, Dale J.; and Heider, Leon J. Top closure for a rectangular box and method for using same. 4,518,193, 5-21-85, Cl. 296-98.000.
Heider, Merle J.; Heider, Dale J.; and Heider, Leon J. Top closure for a rectangular box. 4,529,098, 7-16-85, Cl. 220-211.000.
Heider, Richard M. Insulating block and a wall thereof. 4,516,364, 5-14-85, Cl. 52-98.000.
Heider, Ulrich; and Kern, Hans, to Siemens Aktiengesellschaft. Microprocessor-controlled printing mechanism having an opto-electronic sensor. 4,547,087, 10-15-85, Cl. 400-144.200.
Heidjann, Franz; and Dammann, Johannes, to Claas OHG. Self-propelled harvester thresher. 4,526,181, 7-2-85, Cl. 130-27.00R.
Heidjann, Franz, to Claas OHG. Self-propelled harvester thresher. 4,528,992, 7-16-85, Cl. 130-27.00R.
Heidler, Lester D.; Styer, Richard D.; and Hunsberger, Enos R., to FMC Corporation. Interchangeable screen panels for a traveling water screen. 4,541,930, 9-17-85, Cl. 210-344.000.
Heidmann, Kurt R.; and Marsh, Andrew, to Allied Corporation. Disc brake and protective boot therefor. 4,503,947, 3-12-85, Cl. 188-72.800.
Heidmann, Kurt R.; and Vorwerk, Donald A., to Allied Corporation. Disc brake thrust collar assembly. 4,503,948, 3-12-85, Cl. 188-72.800.
Heidmann, Kurt R.; Canale, Jon S.; and Burkhardt, Hans, to Bendix Corporation, The. Disc brake with camming member and torsion spring for vibration control. 4,522,287, 6-11-85, Cl. 188-73.350.
Heidorn, Richard H.: *See—*
  Ruehl, William E.; Heidorn, Richard H.; and Swick, Edwin G., 4,554,609, Cl. 361-119.000.
Heidrich, John E.: *See—*
  Wolf, Charles B.; Meyer, Thomas N.; Fey, Maurice G.; and Heidrich, John E., 4,535,225, Cl. 219-383.000.
Heidt, Marvin W.: *See—*
  Erickson, Alan R.; and Heidt, Marvin W., 4,547,746, Cl. 330-298.000.

Heier, Karl H.; Bohm, Roland; and Hobes, John V., to Hoechst Aktiengesellschaft. Process for improving the flow properties of mineral oils. 4,556,499, 12-3-85, Cl. 252-51.50A.

Heierli, Werner. Front wall of overfilled arched reinforced concrete underpasses. 4,490,950, 1-1-85, Cl. 52-87.000.

Heierling of Switzerland, Ltd.: *See—*

Koch, Albin G., 4,513,520, Cl. 36-119.000.

Heiermann, Siegfried; and Lachner, Hans, to Klockner-Becorit GmbH. Remote controlled bolt removing apparatus for bolts securing the head of a reactor pressure vessel. 4,552,038, 11-12-85, Cl. 81-57.380.

Heifner, Ralph D.: *See—*

Roth, David J.; Culler, Lawrence R.; and Heifner, Ralph D., 4,527,779, Cl. 266-227.000.

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Shinriki, Tatsuo, 4,515,819, Cl. 426-297.000.

Heijenga, Berend: *See—*

de Leur, Eric J. A.; and Heijenga, Berend, 4,534,353, Cl. 128-346.000.

Heijmen, Hendricus J.: *See—*

Wattimena, Freddy; and Heijmen, Hendricus J., 4,521,630, Cl. 568-435.000.

Heijnen, Andreas T.: *See—*

Breuers, Theo P. C.; Heijnen, Andreas T.; and Leppink, Arie, 4,492,138, Cl. 83-203.000.

Heijnen, Joseph J., to Gist-Brocades N.V. Process for preparing biomass attached to a carrier. 4,560,479, 12-24-85, Cl. 210-603.000.

Heiker, Fred R.; Muller, Lutz; Puls, Walter; and Bischoff, Hilmar, to Bayer Aktiengesellschaft. Amino-cyclitol derivatives and medicaments containing them. 4,526,784, 7-2-85, Cl. 514-25.000.

Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, to Bayer Aktiengesellschaft. 5-nitro 1,4-dihydropyridines having a positive inotropic effect. 4,537,881, 8-27-85, Cl. 514-25.000.

Heikes, James E.: *See—*

Sprague, Peter W.; and Heikes, James E., 4,499,292, Cl. 549-459.000.

Sprague, Peter W.; and Heikes, James E., 4,500,723, Cl. 549-459.000.

Sprague, Peter W.; and Heikes, James E., 4,503,241, Cl. 549-459.000.

Heikkila, Sakari, to A. Ahlstrom Osakeyhtio. Method and apparatus for detecting grain direction in wood, particularly in lumber. 4,500,835, 2-19-85, Cl. 324-58.50R.

Heikkila, Sakari; and Tiuri, Martti, to A. Ahlstrom Osakeyhtio. Flaw detection system using microwaves. 4,514,680, 4-30-85, Cl. 324-58.50A.

Heil Company, The: *See—*

Boczkiewicz, Bruce M., 4,531,780, Cl. 298-17.600.

Heil, Eduard: *See—*

Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.

Heil, Ernst; Wenzel, Franz; Arndt, Peter J.; and Schellhaas, Walter, to Rohm GmbH. Impact resistant resins and method for making the same. 4,543,383, 9-24-85, Cl. 524-458.000.

Heil, Ernst: *See—*

Suetterlin, Norbert; Arndt, Peter J.; Heil, Ernst; Siol, Werner; Tilch, Willi; and Wopker, Wilhelm, 4,513,118, Cl. 525-81.000.

Heil, Fred B.: *See—*

Winschel, Richard E., deceased; Heil, Fred B.; and Seibel, Robert V., 4,504,217, Cl. 431-183.000.

Heil, Guenter; Lenz, Werner; and Kovacs, Jenoe, to BASF Aktiengesellschaft. Magnetic recording media. 4,557,813, 12-10-85, Cl. 204-159.140.

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Heil, Guenter: *See—*

Henne, Andreas; Hesse, Anton; Heil, Guenter; and Schornick, Gunnar, 4,522,693, Cl. 204-159.150.

Heil-Quaker Corporation: *See—*

Tomlinson, Ronald S.; and Trent, Bryan O., 4,543,892, Cl. 110-203.000.

Trent, Bryan O.; and Tomlinson, Ronald S., 4,542,734, Cl. 126-110.00R.

Heil, Richard W.; and Rose, Thomas A. Method and apparatus for treating organic wastewater. 4,501,664, 2-26-85, Cl. 210-614.000.

Heiland, Bernd, to (Firma) Aug. Winkhaus. Alarm system to secure a passage. 4,514,625, 4-30-85, Cl. 250-221.000.

Heiland, Manfred: *See—*

Giers, Alfred; and Heiland, Manfred, 4,512,671, Cl. 384-215.000.

Muller, Michael; Giers, Alfred; and Heiland, Manfred, 4,495,811, Cl. 73-462.000.

Heiland, Wolfgang K., to United States of America, Agriculture. Hide transfer apparatus. 4,550,905, 11-5-85, Cl. 271-202.000.

Heile, Bernard J., to Economics Laboratory, Inc. Highly alkaline liquid warewashing emulsion stabilized by clay thickener. 4,512,908, 4-23-85, Cl. 252-160.000.

Heilen, Gerd: *See—*

Buschmann, Ernst; Schulz, Guenter; Heilen, Gerd; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,532,234, Cl. 514-63.000.

Eckhardt, Heinz; Halbritter, Klaus; Goetz, Norbert; and Heilen, Gerd, 4,532,337, Cl. 549-425.000.

Rebafka, Walter; Heilen, Gerd; Halbritter, Klaus; and Franzischka, Wolfgang, 4,521,602, Cl. 546-184.000.

Heilhecker, Joseph K.; and Byrne, James E., to GH TTE. Brake system. 4,522,450, 6-11-85, Cl. 303-9.000.

Heilig, Klemens: *See—*

Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,492,670, Cl. 419-9.000.

Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,544,524, Cl. 419-9.000.

Heiligenstein, Luc M. D.: *See—*

Geneve, Francois M.; Heiligenstein, Luc M. D.; and Melamed, Stephen B., 4,556,253, Cl. 297-440.000.

Heiligman, Randy B.; and Keller, Paul. Dispenser with squeeze-bulb actuator. 4,535,918, 8-20-85, Cl. 222-185.000.

Heilman, Gregory P., to Eaton Corporation. Device for calibrating torque transducers. 4,543,814, 10-1-85, Cl. 73-1.00C.

Heilman, Karl J. Tensioning apparatus for a racket-stringing machine. 4,491,322, 1-1-85, Cl. 273-73.00A.

Heilman, William J.; and Kemp, Richard A., to Gulf Oil Corporation. Catalyst and process for the polymerization of ethylene. 4,525,557, 6-25-85, Cl. 526-128.000.

Heilmann, Edmund: *See—*

Kintzel, Gerhard; and Heilmann, Edmund, 4,510,829, Cl. 82-36.00R.

Heilmann, Horst: *See—*

Ploch, Siegfrid; Rossler, Sonja; Zeisberg, Peter; and Heilmann, Horst, 4,554,804, Cl. 66-214.000.

Vogel, Wolfgang; Trinks, Werner; Heilmann, Horst; Grenzendorfer, Dietmar; and Wolfermann, Dietmar, 4,503,688, Cl. 66-85.00A.

Heilmann, Peter: *See—*

Guttner, Christine; Heilmann, Peter; Kullmann, Udo; Mayer, Dieter; and Grau, Werner, 4,560,624, Cl. 428-632.000.

Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., to Minnesota Mining and Manufacturing Company. Process for the production of acyloins. 4,524,221, 6-18-85, Cl. 568-322.000.

Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., to Minnesota Mining and Manufacturing Company. Process for the production of acyloins. 4,556,723, 12-3-85, Cl. 556-413.000.

Heilmeier & Weinlein Fabrik fur Oel-Hydraulik GmbH & Co. KG: *See—*

Brunner, Rudolf, 4,495,961, Cl. 137-101.000.

Brunner, Rudolf, 4,532,960, Cl. 137-596.130.

Heilmeir, Ernst: *See—*

Eckert, Alfred; Heilmeir, Ernst; and Hempen, Klaus, 4,499,537, Cl. 364-200.000.

Heilmeir & Weinlein Fabrik fur Oel-Hydraulik GmbH & Co. KG: *See—*

Brunner, Rudolf, 4,503,882, Cl. 137-454.500.

Heilos, Johannes: *See—*

Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, 4,521,618, Cl. 562-535.000.

Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, 4,539,409, Cl. 546-286.000.

Heilweil, Emanuel: *See—*

Virgilio, Joseph A.; Manowitz, Milton; and Heilweil, Emanuel, 4,508,908, Cl. 548-213.000.

Heilweil, Israel J., to Mobil Oil Corporation. High temperature stable drilling fluids containing non-aqueous solvents. 4,498,994, 2-12-85, Cl. 252-8.50M.

Heilweil, Israel J., to Mobil Oil Corporation. High temperature stable fluids for wellbore treatment containing non-aqueous solvents. 4,514,310, 4-30-85, Cl. 252-8.55R.

Heim, Lloyd S.: *See—*

Dix, Gary L.; Heim, Lloyd S.; Herald, Robert F.; and Quinlan, William P., 4,521,884, Cl. 371-15.000.

Heim, Robert J., to Precision Punch & Plastics Co. Liner material and method. 4,529,660, 7-16-85, Cl. 428-423.100.

Heimala, Seppo O.; and Saari, Kaarlo M. J., to Outokumpu Oy. Process for the froth flotation of complex metal compounds. 4,561,970, 12-31-85, Cl. 209-3.000.

Heiman, Frederic P., to Mars Incorporated. Self tuning low frequency phase shift coin examination method and apparatus. 4,493,411, 1-15-85, Cl. 194-100.00A.

Heiman, Frederic P.: *See—*

Dean, Robert; Reyner, Peter J.; and Heiman, Frederic P., 4,546,869, Cl. 194-99.000.

Heiman, Gerald R.; and Fleck, Frank, to Pestcon Systems, Inc. Method and apparatus for fumigating grain and other commodities in bulk storage compartments. 4,509,682, 4-9-85, Cl. 239-60.000.

Heimann, Bernhard, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Wire laying arm. 4,557,428, 12-10-85, Cl. 242-82.000.

Heimann, Robert L. Brake cable fitting including scraper means. 4,534,239, 8-13-85, Cl. 74-501.00R.

Heimark, Charles J., Jr.; and Heimark, Charles J., Sr., to General Dryer Corporation. Adjustable crop divider apparatus. 4,538,404, 9-3-85, Cl. 56-314.000.

Heimark, Charles J., Sr.: *See—*

Heimark, Charles J., Jr.; and Heimark, Charles J., Sr., 4,538,404, Cl. 56-314.000.

Heimbach, Heinz: *See—*

Knoblauch, Karl; Heimbach, Heinz; and Harder, Burkhard, 4,548,799, Cl. 423-351.000.

Heimbach, Klaus-Jurgen: *See—*
Feuerstein, Albert; Heimbach, Klaus-Jurgen; and Warscheit, Helmut, 4,530,100, Cl. 373-11.000.
Heimberg, Manfred, to National Distillers and Chemical Corporation. Interpolymer, process for its preparation and adhesive of improved creep resistance containing the interpolymer. 4,522,998, 6-11-85, Cl. 526-309.000.
Heimberg, Manfred, to National Distillers and Chemical Corporation. Vinylcyclopropane dicarboxylate polyester oligomer interpolymer, process for its preparation and semi-gloss latex paint of improved wet adhesion containing the interpolymer. 4,522,999, 6-11-85, Cl. 526-309.000.
Heimberger, Helmut, to Optilon W. Erich Heilmann GmbH. Method of making a slide fastener coupling strip. 4,492,098, 1-8-85, Cl. 66-202.000.
Heimbuch, Alvin H.: *See—*
Parker, John A.; Heimbuch, Alvin H.; Hsu, Ming-Ta S.; and Chen, Timothy S., 4,526,925, Cl. 524-548.000.
Heimburger, Norbert; Kumpe, Gerhardt; Wormsbacher, Wilfried; and Preis, Hans M., to Behringwerke Aktiengesellschaft. Process for the pasteurization of antihemophilic cryoprecipitate (AHC) and antihemophilic cryoprecipitate prepared thereby. 4,562,072, 12-31-85, Cl. 424-101.000.
Heimel, Helmut; Schlosser, Willy; and Luttenberger, Alfred, to Maschinenfabrik Andritz Aktiengesellschaft. Equipment for drying lengths of materials. 4,509,274, 4-9-85, Cl. 34-114.000.
Heimer, Malcolm L., to Cordis Corporation. Switched capacitor amplifier. 4,521,743, 6-4-85, Cl. 330-296.000.
Heimerich, Henry R., to Boro Recycling Center, Inc. Apparatus for breaking glass bottles and crushing cans and like containers. 4,537,361, 8-27-85, Cl. 241-81.000.
Heimerl, Wilfried C., to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Device for the production of glass drops from a glass melt containing radioactive waste. 4,528,014, 7-9-85, Cl. 65-142.000.
Heimke, Gunther: *See—*
Schulte, Willi; and Heimke, Gunther, 4,560,353, Cl. 433-173.000.
Heimler, Horst. Preheating device. 4,562,336, 12-31-85, Cl. 219-282.000.
Heimlicher, Peter, to Contrinex S.A.; and Siemens Aktiengesellschaft, a part interest. Oscillator with a temperature compensated oscillating coil. 4,509,023, 4-2-85, Cl. 331-176.000.
Heimnick, Paul, to Schmelzer Corporation. Vacuum control device. 4,505,237, 3-19-85, Cl. 123-179.00G.
Heimovics, John F., Jr., to B. F. Goodrich Company, The. Temperature compensator for pressure regulator. 4,513,881, 4-30-85, Cl. 222-54.000.
Heimrich, Klaus: *See—*
Bottcher, Hugo; Heimrich, Klaus; Hildebrandt, Gustav; Kracke, Heinrich; and Richter, Johannes, 4,551,297, Cl. 264-224.000.
Heims, Dirk; Ottermann, Hans-Gert; and Prang, Robert, to ABG-Werke GmbH. Consolidating plank for a highway finishing machine. 4,507,014, 3-26-85, Cl. 404-102.000.
Hein, Carl C.: *See—*
Wagner, John R., Jr.; and Hein, Carl C., 4,495,027, Cl. 156-244.110.
Hein, Hans C.: *See—*
Domic, Esteban M.; and Hein, Hans C., 4,561,887, Cl. 75-65.00R.
Hein, James R., to Olympic Fastening Systems. Pulling head for blind fasteners. 4,552,010, 11-12-85, Cl. 72-391.000.
Hein, Karl; Hubig, Markus; and Seroka, Helmut, to Klockner CRA Technologie GmbH. Method and apparatus for preheating and charging scrap in steelmaking. 4,552,342, 11-12-85, Cl. 266-175.000.
Hein, Klaus R. G.: *See—*
Franke, Paul W. U.; Glaser, Wolfgang; Gebhard, Georg R. U.; and Hein, Klaus R. G., 4,540,555, Cl. 423-242.000.
Gebhard, Georg R. U.; and Hein, Klaus R. G., 4,501,618, Cl. 106-109.000.
Gebhard, Georg R. U.; Hein, Klaus R. G.; and Glaser, Wolfgang, 4,526,703, Cl. 252-189.000.
Gebhard, Georg R. U.; Hein, Klaus R. G.; and Glaser, Wolfgang, 4,533,532, Cl. 423-244.000.
Hein-Werner Corporation: *See—*
Eck, Leonard F., 4,555,089, Cl. 254-10.00B.
Eck, Leonard F., 4,560,131, Cl. 248-352.000.
Heina, Karl. Tray support for oven reels. 4,528,899, 7-16-85, Cl. 99-427.000.
Heina, Karl-Fritz: *See—*
Klenk, Emil; and Heina, Karl-Fritz, 4,508,214, Cl. 198-833.000.
Heinbockel, Wolfgang: *See—*
Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, 4,538,765, Cl. 241-21.000.
Heindl, Alfons: *See—*
Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,552,553, Cl. 604-9.000.
Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,560,375, Cl. 604-9.000.
Heine, Christian H., Jr.; McGaw, Robert W.; Wetzel, W. Edwin, Jr.; and Ziegler, Joseph, to Lone Star Steel Company. Inside-outside tube quenching apparatus. 4,502,669, 3-5-85, Cl. 266-114.000.
Heine, Hans G.: *See—*
Hochstrasser, Otto; Heine, Hans G.; and Buechi, Heinz, 4,511,125, Cl. 266-135.000.
Heine, Hans-Georg; and Hartmann, Willy, to Bayer Aktiengesellschaft. Production of insecticidally active vinyl-cyclopropane carboxylic acid esters. 4,529,813, 7-16-85, Cl. 560-123.000.
Heine, Heinrich; Herzan, Georg; and Kunkel, Fred, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Arrangement for applying compressed air to underside of sheet on feed table of printing press. 4,522,388, 6-11-85, Cl. 271-245.000.
Heine, Heinrich: *See—*
Biermann, Hans-Peter; Kohler, Peter; and Heine, Heinrich, 4,491,619, Cl. 428-403.000.
Kohler, Peter; Ringe, Peter; and Heine, Heinrich, 4,529,448, Cl. 106-288.00B.
Heine, Helmut A.; Rosenbusch, Helmut W.; and Schmidt, Otto H., to Heine Optotechnik GmbH & Co.; and Propper Manufacturing Co., Inc. Manual ophthalmoscope. 4,538,889, 9-3-85, Cl. 351-205.000.
Heine Optotechnik GmbH & Co.: *See—*
Heine, Helmut A.; Rosenbusch, Helmut W.; and Schmidt, Otto H., 4,538,889, Cl. 351-205.000.
Heine, Otto R., to R&H Technology, Inc. Gearless speed and torque converter. 4,493,222, 1-15-85, Cl. 74-216.300.
Heine, Otto R., to R&H Technology, Inc. High capacity linear rotary bearing. 4,508,395, 4-2-85, Cl. 308-6.00C.
Heinecke, Steven B., to Minnesota Mining and Manufacturing Company. Reservoir wound dressing. 4,499,896, 2-19-85, Cl. 128-156.000.
Heineken Technisch Beheer, B.V.: *See—*
Aalbers, Vas J., 4,513,013, Cl. 426-16.000.
Heinemann Electric Company: *See—*
Giessner, George J., 4,518,943, Cl. 337-68.000.
Nagel, Harry H., 4,492,941, Cl. 335-13.000.
Heinemann, Frederick F.; and Gavin, Thomas O., to W. R. Grace & Co. Offset printing blanket. 4,537,129, 8-27-85, Cl. 101-415.100.
Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, to Kali-Chemie Pharma GmbH. 1,5-diphenyl-2-haloalkylpyrazolin-3-one intermediates. 4,515,944, 5-7-85, Cl. 544-91.000.
Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, to Kali-Chemie Pharma GmbH. 1-phenylindazol-3-one compounds. 4,537,975, 8-27-85, Cl. 548-359.000.
Heinemann, Henning: *See—*
Liepmann, Hans; Ruhland, Michael; Muesch, Herbert; Benson, Werner; Heinemann, Henning; and Zeugner, Horst, 4,508,716, Cl. 514-220.000.
Heinemann, Otto, to Krupp Polysius AG. Method and apparatus for the pneumatic conveyance of fine material. 4,545,704, 10-8-85, Cl. 406-32.000.
Heinemann, Otto: *See—*
Ahrens, Norbert; Heinemann, Otto; Klockenbusch, Heinrich; and Kluger, Wolfgang, 4,539,782, Cl. 52-192.000.
Heinemann, Wolfgang; Noack, Rainer; and Weyl, Helmut, to Robert Bosch GmbH. Method of making a vibration-resistant electrical component and connection lead combination, particularly exhaust gas composition sensor. 4,524,038, 6-18-85, Cl. 264-61.000.
Heinen, Frank B.: *See—*
St. Vincent, Valerie A.; Heinen, Frank B.; and Rinell, Steven J., 4,520,805, Cl. 128-80.00R.
Heinen, Hans-Dieter J., to Intellectual Trade CY S.A. Fire-break. 4,538,389, 9-3-85, Cl. 52-221.000.
Heinen, Hans-Dieter J., to Intellectual Trade Cy S.A. Fire-guard composition and method for preparing same. 4,559,368, 12-17-85, Cl. 521-91.000.
Heinen, Heinrich: *See—*
Lusch, Jurgen; Heinen, Heinrich; Lieder, Bernhard; Schmidt, Volkmar; and Kolodzey, Wolfgang, 4,526,588, Cl. 48-202.000.
Heinen, Peter; and Gossens, Peter, to Akzona Incorporated. Yarn bulking jet. 4,521,945, 6-11-85, Cl. 28-273.000.
Heinen, Raymond; and Stelling, Horst, to Leybold-Heraeus GmbH. Mass spectrometer. 4,506,227, 3-19-85, Cl. 328-33.000.
Heinerman, Jacobus J. L., to Shell Oil Company. Process for the hydroisomerization of paraffins. 4,511,752, 4-16-85, Cl. 585-739.000.
Heinicke, Ralph M., to Research Corporation of the University of Hawaii. Xeronine, a new alkaloid, useful in medical, food and industrial fields. 4,543,212, 9-24-85, Cl. 546-1.000.
Heinig, Charles F., Jr.: *See—*
LeMire, George J.; Heinig, Charles F., Jr.; and LeMire, Edward A., 4,504,387, Cl. 210-101.000.
Heininger, Ammon N., Jr.; and Barnik, Edward A., to Black & Decker Inc. Modular housing system for a circular saw. 4,516,324, 5-14-85, Cl. 30-377.000.
Heinisch, Herbert: *See—*
Engel, Walter; and Heinisch, Herbert, 4,544,769, Cl. 564-242.000.
Heinke, Dennis: *See—*
Clancy, Steven J.; Whatley, James F.; and Heinke, Dennis, 4,540,985, Cl. 343-5.0DP.
Heinl, Werner, to Goetze AG. Compact integrated face seal unit. 4,502,697, 3-5-85, Cl. 277-41.000.
Heinlein, Hans. Closure cap, in particular for bottle-like containers, having an element assuring intactness. 4,501,373, 2-26-85, Cl. 215-252.000.
Heinrich, Andrew L.; and Oljace, Richard L., to Caterpillar Tractor Co. Electrical switching apparatus. 4,538,036, 8-27-85, Cl. 200-11.0EA.
Heinrich Baumgarten KG Eisen- und Blechwarenfabrik: *See—*
Baumgarten, Gerd D., 4,557,396, Cl. 220-206.000.
Heinrich, Bernd: *See—*
Kessler, Jochem; and Heinrich, Bernd, 4,543,933, Cl. 123-361.000.
Heinrich, Cap, to Papst-Motoren GmbH & Co. KG. Apparatus for detecting a predetermined angular position on rotating devices. 4,529,934, 7-16-85, Cl. 324-173.000.
Heinrich, Emil: *See—*
Sarnes, Reiner; and Heinrich, Emil, 4,495,148, Cl. 419-57.000.

- Heinrich, Friedrich: *See—*
  - Dorffel, Jorg; Lange, Erhard; Otte, Werner; and Heinrich, Friedrich, 4,542,194, Cl. 525-521.000.
- Heinrich Frings GmbH & Co. Kg: *See—*
  - Ebner, Heinrich, 4,503,078, Cl. 426-17.000.
- Heinrich Greve GmbH: *See—*
  - Schmidt, Heinrich, 4,537,589, Cl. 493-373.000.
- Heinrich H. Klussendorf GmbH & Co. KG: *See—*
  - Wingerter, Franz, 4,559,958, Cl. 133-4.00A.
- Heinrich, Hans; and Hedrich, Dieter, to Daimler-Benz Aktiengesellschaft. Process for hydrogen-impermeable brazing of austenitic structural steel parts. 4,519,537, 5-28-85, Cl. 228-221.000.
- Heinrich, Hans: *See—*
  - Feigt, Ingmar; Heinrich, Hans; and Kempter, Karl, 4,554,453, Cl. 250-327.200.
- Heinrich Hertz Institut fuer Nachrichten technik: *See—*
  - Strebel, Bernhard; and Bachus, Ernst-Jurgen, 4,530,084, Cl. 370-3.000.
- Heinrich, Jean-Paul: *See—*
  - Marini, Jean; and Heinrich, Jean-Paul, 4,491,008, Cl. 73-19.000.
- Heinrich, Josef: *See—*
  - Schwerdtel, Wulf; Lauer, Hubert; and Heinrich, Josef, 4,548,913, Cl. 502-68.000.
- Heinrich, Juergen; Schelter, Heinrich; Schindler, Stefan; and Krauth, Axel, to Hoechst CeramTec Ag. Process for manufacturing heat exchangers from ceramic sheets. 4,526,635, 7-2-85, Cl. 156-89.000.
- Heinrich, Karl; Heichlinger, Norbert; and Donig, Adolf, to Hoechst Aktiengesellschaft. False twist texturized yarn, and a process for its preparation. 4,559,772, 12-24-85, Cl. 57-247.000.
- Heinrich Kopp GmbH & Co. KG.: *See—*
  - Franz, Herbert, 4,559,510, Cl. 335-13.000.
- Heinrich, Kurt: *See—*
  - Wilking, Hans; Heinrich, Kurt; and Peetz, Walter, 4,505,515, Cl. 297-362.000.
- Heinrich Mack Nachf.: *See—*
  - Stoss, Peter; and Leitold, Matyas, 4,559,351, Cl. 514-338.000.
- Heinrich, Peter: *See—*
  - Knop, Klaus; and Heinrich, Peter, 4,556,421, Cl. 75-91.000.
- Heinrich, Raymond L.: *See—*
  - Hills, Michael T.; and Heinrich, Raymond L., 4,558,454, Cl. 375-18.000.
- Heinrich, Rudolf: *See—*
  - Greiner, Ulrich; Keil, Karl-Heinz; Heinrich, Rudolf; and Albrecht, Konrad, 4,547,429, Cl. 428-402.240.
- Heinrich, Volker: *See—*
  - Ertingshausen, Friedrich; Heinrich, Volker; Hinkel, Holger; Kaus, Gerhard; Kempf, Jurgen; Nauth, Hans-Georg; and Schrader, Manfred, 4,549,238, Cl. 360-103.000.
- Heinrich, Wulf-Dieter; and Otte, Henning, to Robert Bosch GmbH. Wrench provided with an alternating current drive motor. 4,517,506, 5-14-85, Cl. 318-807.000.
- Heinrich Wunder GmbH & Co. KG: *See—*
  - Zoor, Reinhold, 4,498,685, Cl. 280-605.000.
  - Zoor, Reinhold, 4,504,078, Cl. 280-615.000.
- Heinsohn, Alfred W.: *See—*
  - Swearingen, Loren L.; Heinsohn, Alfred W.; Snook, Craig W.; Embrey, Wallace E.; and McConchie, Garnet E., 4,559,110, Cl. 203-37.000.
- Heinsohn, George E.: *See—*
  - Rao, Velliyur N. M.; and Heinsohn, George E., 4,537,726, Cl. 260-453.00P.
- Heinsohn, Howard H., Jr.: *See—*
  - Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,504,398, Cl. 252-8.600.
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  - Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,560,802, Cl. 568-388.000.
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- Heintzleman, Ronald A.: *See—*
  - Schmidt, Timothy J.; and Heintzleman, Ronald A., 4,555,075, Cl. 242-107.40A.
- Heinz, Altmann: *See—*
  - Dietrich, Demus; Horst, Zaschke; Heinz, Altmann; and Michael, Keil, 4,560,496, Cl. 252-299.610.
- Heinz, Harro K. High frequency compression driver. 4,531,608, 7-30-85, Cl. 181-172.000.
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- Heinz, Karl E. Data compression process. 4,491,934, 1-1-85, Cl. 364-900.000.
- Heinz, Larry. Universal seal cage lantern ring with channels and fluid slots. 4,498,681, 2-12-85, Cl. 277-215.000.
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- Heinz, Rudolf: *See—*
  - Dobler, Klaus; Schoor, Ulrich; Heinz, Rudolf; Frey, Thomas; and Grunwald, Werner, 4,494,401, Cl. 73-35.000.
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  - Neumann, Gunther, 4,528,893, Cl. 91-492.000.
- Heinz, Wieland, to Wilhelm Gebhardt GmbH. Blower unit for air-conditioning plant. 4,546,694, 10-15-85, Cl. 98-34.600.
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  - Ghisalba, Oreste; Heinzer, Franz; and Kuenzi, Martin, 4,492,756, Cl. 435-253.000.
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  - Kimpel, Rolf-Dieter; Stadler, Heinz; and Heinzl, Alfred, 4,539,540, Cl. 335-125.000.
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- Heinzle, August. Shuttle embroidering machine. 4,543,897, 10-1-85, Cl. 112-221.000.
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- Heise, Klaus-Peter; Kuth, Robert; Neufang, Karl; Pantke, Hellmuth; and Wedemeyer, Karlfried, to Bayer Aktiengesellschaft. Process for improving the light fastness of polyamide dyeings. 4,544,372, 10-1-85, Cl. 8-602.000.
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  - Blackston, Michael D.; and Reinecke, Gary, 4,534,131, Cl. 49-42.000.
  - Heise, Stanley R.; Blackston, Michael D.; Zekich, Michael B.; and Parselle, John L. B., 4,530,183, Cl. 49-42.000.
- Heise, Michael S.; Tucker, Christopher S.; and Schwarz, James A., to Syracuse University. Method of controlling the distribution of a coating material upon the surface of a support. 4,522,941, 6-11-85, Cl. 502-333.000.
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  - Bandy, Peter B.; Danen, John A.; Heise, Nyles N.; and Holtan, Donald C., 4,504,873, Cl. 360-63.000.
- Heise, Richard L.: *See—*
  - Olmsted, James F.; Webster, Sherwood F.; and Heise, Richard L., 4,493,750, Cl. 159-48.100.
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  - Bottcher, Rolf; Heise, Rolf; and Praxator, Helmut, 4,527,793, Cl. 271-263.000.
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- Heiser, Carol G.: *See—*
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- Heiser, Joachim; and Wilke, Gerhard, to Robert Bosch GmbH. Device for controlling and/or measuring operational parameters of an axial piston machine. 4,496,289, 1-29-85, Cl. 417-217.000.
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  - Pollman, Frederic W.; Reynolds, David W.; and Heiser, Richard, 4,537,364, Cl. 242-86.510.
- Heisey, Raymond K., Jr.: *See—*
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- Heisler, Carl B., to Xerox Corporation. Sheet delivery station for copying apparatus. 4,515,466, 5-7-85, Cl. 355-15.000.
- Heisler, Raymond A. Apparatus for engaging and moving corrugated paperboard portions by reciprocated pins. 4,505,468, 3-19-85, Cl. 271-18.300.
- Heisler, Raymond A. Upstacker apparatus with biased gripping means. 4,540,325, 9-10-85, Cl. 414-96.000.
- Heisler, Raymond A. Tray erecting apparatus with adjusting capability. 4,548,025, 10-22-85, Cl. 53-580.000.
- Heiss, Lorenz, to Hoechst Aktiengesellschaft. Imines of alkyl 4-halomethylbenzoates. 4,492,657, 1-8-85, Cl. 260-453.700.
- Heiss, Lorenz, to Hoechst Aktiengesellschaft. Process for the preparation of 4,4'-bis[benz(ox, othi or imid)azol-2-yl]stilbenes. 4,508,903, 4-2-85, Cl. 548-156.000.

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Heithoff, Robert B.; Groetzinger, John K.; and Schwenninger, Ronald L., to PPG Industries, Inc. Transition between batch preheating and liquefying stages apparatus. 4,496,387, 1-29-85, Cl. 65-335.000.

Heithoff, Robert B., to PPG Industries, Inc. Method and apparatus for controlling wall layer thickness in a liquefaction process. 4,521,235, 6-4-85, Cl. 65-29.000.

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  Unger, Eberhart; and Heitkamp, Herbert, 4,558,629, Cl. 91-29.000.

Heitman, Christopher J.; and Schwehr, Gregory D., to General Electric Company. Self-aligning control mechanism. 4,527,440, 7-9-85, Cl. 74-10.00R.

Heitmann, Arnold M., to Northern Research & Engineering Corp. Valve for throttling fluid. 4,526,199, 7-2-85, Cl. 137-625.310.

Heitmann, Jurgen, to Robert Bosch GmbH. Pulse code modulation system suitable for digital recording of broadband analog signals. 4,491,869, 1-1-85, Cl. 358-141.000.

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Heitmann, Jurgen, to Robert Bosch GmbH. Method of providing smooth transition from one to another of two sequences of digitally coded sound signals (fading). 4,555,737, 11-26-85, Cl. 360-13.000.

Heitmann, Jurgen, and Rickenbrock, Horst, to Robert Bosch GmbH. Method and apparatus for pre-emphasis counteraction of variations in amplitude of received or reproduced serial binary signals. 4,556,983, 12-3-85, Cl. 375-60.000.

Heitmann, Jurgen, to Robert Bosch GmbH. Method and system of reproduction of magnetically recorded video signals at speeds differing from recording speed. 4,558,376, 12-10-85, Cl. 360-10.100.

Heitmann, Knut; and Schaefer, Klaus-Dieter, to Ernst Leitz Wetzlar GmbH. Mirror reflex camera with exposure meter. 4,496,231, 1-29-85, Cl. 354-429.000.

Heitmann, Peter: *See*—
  Volz, Karl; Link, Christoph; Stotz, Wolf-Gunter; and Heitmann, Peter, 4,509,237, Cl. 29-116.0AD.

Heitmann, Uwe; and Muller, Heidi, to Hauni-Werke Korber & Co. KG. Apparatus for stabilizing the pressure of gaseous testing fluid for cigarettes and the like. 4,558,586, 12-17-85, Cl. 73-38.000.

Heitmann, Uwe: *See*—
  Brand, Peter; Lorenzen, Heinz-Christen; Heitmann, Uwe; and Menzel, Peter, 4,543,816, Cl. 73-37.600.
  Lorenzen, Heinz-Christen; Heitmann, Uwe; Petersen, Kurt-Eckart; and Pinck, Peter, 4,537,206, Cl. 131-281.000.

Heitmann, Wilhelm: *See*—
  Sommer, August; Brucker, Rainer; Heitmann, Wilhelm; and Wozny, Norbert, 4,541,897, Cl. 203-19.000.

Heitz, Walter; and Risse, Wilhelm, to Bayer Aktiengesellschaft. Process for the production of bifunctional polyphenylene ethers. 4,521,584, 6-4-85, Cl. 528-214.000.

Heitz, Walter: *See*—
  Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; and Heitz, Walter, 4,525,579, Cl. 528-388.000.
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Heitzmann, Harold A., to Cardiovascular Devices, Inc. Optical sensor with beads. 4,557,900, 12-10-85, Cl. 422-55.000.

Heitzmann, Michel, to Thomson-CSF. Method of fabricating a varactor/oscillator diode module for a tunable oscillator. 4,502,023, 2-26-85, Cl. 331-107.00R.

Heiz, Hans, to Heiz, Therese. Process for producing an antireflecting layer on viewing screens. 4,551,356, 11-5-85, Cl. 427-64.000.

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Heiz, Ulrich, to Inventio AG. Installation for the automatic removal and reception of loads through the intermediary of transport vehicles. 4,508,484, 4-2-85, Cl. 414-337.000.

Heizer, Ray T., to Water Services of America, Inc. Brine concentrator. 4,553,396, 11-19-85, Cl. 60-648.000.

Heizler, Fritz: *See*—
  Becker, Carl; and Heizler, Fritz, 4,502,861, Cl. 8-490.000.
  Becker, Carl; and Heizler, Fritz, 4,559,150, Cl. 252-8.600.

Hekal, Ihab M., to Continental Can Company, Inc. Method for preparing polar thermoplastic resin compositions having improved gas barrier properties. 4,536,425, 8-20-85, Cl. 428-35.000.

Hekker, Roeland M. T.: *See*—
  Howard, P. Guy; and Hekker, Roeland M. T., 4,541,689, Cl. 350-255.000.

Hektoen, Per: *See*—
  Stahl, Torbjorn; Hektoen, Per; and Karlsen, Oystein, 4,528,054, Cl. 156-226.000.

Helava, Heikki I.: *See*—
  Stallings, Charles H.; Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.

Helber, Carlyle L., Jr.: *See*—
  Ludwig, Frank A.; and Helber, Carlyle L., Jr., 4,550,036, Cl. 427-443.100.

Helbert, John N., to Motorola, Inc. Process for improving adhesion of resist to gold. 4,497,890, 2-5-85, Cl. 430-296.000.

Helbig, Helmut; and Verlemann, Manfred, to Windmoller & Holscher. Apparatus for drying printed or coated webs. 4,502,228, 3-5-85, Cl. 34-47.000.

Helbig, Joachim; and Schmidbaur, Hubert, to Verla-Pharm, Arzneimittelfabrik, Apotheker H.J.v. Ehrlich GmbH & Co. KG. Process for the production of amino-dicarboxylic acid-bivalent metal-halogen complexes and such complexes. 4,546,195, 10-8-85, Cl. 556-50.000.

Helbig, Klaus; and Pusch, Guenther, to Deutsche Texaco Aktiengesellschaft. Method for determining the degree of change of material properties of underground strata. 4,524,435, 6-18-85, Cl. 367-41.000.

Helbling, Gottfried, to Isaflex AG. Method for improving water retention qualities of soil and an agent for performing the method. 4,540,427, 9-10-85, Cl. 71-27.000.

Helbrecht, Otto. Grinding machine for the rims of spectacle lenses. 4,557,076, 12-10-85, Cl. 51-165.710.

Held, Jan H.: *See*—
  Eijkelenkamp, Antonius J. H.; Held, Jan H.; and Rientjes, Gerardus J. A., 4,559,581, Cl. 361-433.000.

Held, Kurt. Device for supporting press belts or roller-supported double belt presses. 4,494,648, 1-22-85, Cl. 198-500.000.

Held, Kurt. Automatic drafting device with adjusting aid. 4,519,138, 5-28-85, Cl. 33-32.00R.

Held, Kurt. Method of making molded articles. 4,526,737, 7-2-85, Cl. 264-112.000.

Held, Kurt. Metallic endless press band having an embossed surface for use in double band presses in the manufacture of laminates. 4,537,810, 8-27-85, Cl. 428-156.000.

Held, Kurt. Dual-belt press for the continuous production of laminates. 4,541,889, 9-17-85, Cl. 156-583.500.

Held, Kurt. Device for application of surface pressure in dual belt presses. 4,548,133, 10-22-85, Cl. 100-153.000.

Held, Kurt. Method and apparatus for manufacturing compressed materials having textured surfaces. 4,557,778, 12-10-85, Cl. 156-209.000.

Held, Manfred; and Grossler, Peter, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Ammunition construction with selection means for controlling fragmentation size. 4,516,501, 5-14-85, Cl. 102-496.000.

Held, Peter J. Air deflector. 4,501,195, 2-26-85, Cl. 98-103.000.

Helda, Robert W., deceased; by Halextine, Cynthia, personal representative; and Liaw, H. Ming, to Motorola, Inc. Melt recharge method. 4,557,795, 12-10-85, Cl. 156-617.0SP.

Heldenbrand, William C. Pipe testing apparatus. 4,516,431, 5-14-85, Cl. 73-826.000.

Helderle, Paul M.; Arnaud, Fabrice R.; and Le Nours, Yannick, to Compagnie Francaise des Petroles. Sliding-sleeve valve for an oil well. 4,560,005, 12-24-85, Cl. 166-332.000.

Helderle, Paul M.: *See*—
  Lefebvre, Herve M.; and Helderle, Paul M., 4,518,036, Cl. 166-105.000.

Helderman, J. Frank. Anchor apparatus for insertion into a pre-formed hole. 4,536,115, 8-20-85, Cl. 411-17.000.

Heldt, Carl R. Brace extension for locking pliers. 4,519,278, 5-28-85, Cl. 81-427.500.

Helena Laboratories Corporation: *See*—
  Golias, Tipton L.; and Mostyn, William T., Jr., 4,502,786, Cl. 356-435.000.
  Guadagno, Philip A.; and Sanford, James R. M., 4,511,533, Cl. 422-61.000.
  Guadagno, Philip A., 4,541,987, Cl. 422-56.000.

Helena Laboratories, Inc.: *See*—
  Golias, Tipton L., 4,505,557, Cl. 350-536.000.

Helene Curtis Industries, Inc.: *See*—
  Wagman, Julius; and Sajic, Branko, 4,551,330, Cl. 424-59.000.

Helenowski, Tomasz K. Sequential thermography fluid flow indicator. 4,548,516, 10-22-85, Cl. 374-135.000.

Helfgott, Gerald N.: *See*—
  Helfgott, Maxwell A.; and Helfgott, Gerald N., 4,530,356, Cl. 128-305.000.
  Helfgott, Maxwell A.; and Helfgott, Gerald N., 4,530,359, Cl. 128-329.00R.

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Helfgott, Maxwell A.; and Helfgott, Gerald N. Ophthalmic perforating instrument and surgical method employing said instrument. 4,530,359, 7-23-85, Cl. 128-329.00R.

Helfman, Barbara. Top sider planter. 4,559,738, 12-24-85, Cl. 47-66.000.

Helg, Hansrudolf, to Georg Fischer Aktiengesellschaft. Low pressure casting method and apparatus. 4,526,222, 7-2-85, Cl. 164-340.000.

Helgesson, Gote; Mansson, Bjorn; and Wallin, Nils-Hakan, to AB Casco. Method for the production of cellulosic board materials. 4,528,309, 7-9-85, Cl. 524-13.000.

Helgstrand, Ake J. E.; Johansson, Karl N. G.; Misiorny, Alfons; Noren, Jan O.; and Stening, Goran B., to Astra Lakemedel Aktiebolag. Phosphonoformic acid esters. 4,536,400, 8-20-85, Cl. 514-120.000.

Heling, Dennis: *See*—
  Murphy, Randall T.; and Heling, Dennis, 4,500,136, Cl. 297-284.000.

Helioprint AS: *See*—
  Andersen, Steen, 4,558,945, Cl. 355-68.000.

- Helios Research Corp.: *See—*
  - Nicodemus, Carl D., 4,545,739, Cl. 417-152.000.
- Heliotronic Forschungs-und Entwicklungsgesellschaft fur Solarzellen-Grundstoffe: *See—*
  - Ermer, Wolfgang; and Muhlbauer, Klemens, 4,539,972, Cl. 125-16.00R.
- Heliotronic Forschungs-und Entwicklungsgesellschaft fur Solarzellen-Grundstoffe m.b.H.: *See—*
  - Dietl, Josef; and Kotilge, Jorg, 4,515,600, Cl. 23-293.00R.
- Helioui, Moncef: *See—*
  - De Jaeger, Roger; Helioui, Moncef; and Puskaric, Emile, 4,544,536, Cl. 423-300.000.
- Helix Collector Syndicate: *See—*
  - Naske, Marcel, 4,548,623, Cl. 55-233.000.
- Helix Technology Corporation: *See—*
  - Bartlett, Allen J., 4,555,907, Cl. 62-55.500.
  - Bertsch, Peter K., 4,543,792, Cl. 62-6.000.
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  - Chellis, Fred F.; and Moschetto, Samuel J., 4,543,793, Cl. 62-6.000.
  - Eacobacci, Michael J.; and Olsen, Donald A., 4,546,613, Cl. 62-55.500.
  - Holland, Noel J., 4,501,120, Cl. 62-6.000.
  - Holland, Noel J., 4,539,818, Cl. 62-6.000.
  - Lessard, Philip A., 4,494,381, Cl. 62-55.500.
  - Young, Niels O., 4,545,209, Cl. 62-6.000.
  - Young, Niels O., 4,545,738, Cl. 417-53.000.
  - Young, Niels O., 4,553,398, Cl. 62-6.000.
- Hellbach, Hans: *See—*
  - Rieber, Norbert; Hellbach, Hans; Hunziker, Gerhard; and Mueller, Guenter, 4,491,674, Cl. 568-357.000.
- Helle, Antti; and Blomkvist, Villhard. Method of manufacturing a stick and a stick manufactured according to said method. 4,504,344, 3-12-85, Cl. 156-185.000.
- Hellekant, Otto E., to Alfa-Laval Separation AB. Balancing of centrifuge rotors. 4,547,185, 10-15-85, Cl. 494-37.000.
- Heller, Aaron J.: *See—*
  - Winkler, Dean M.; Curtis, Jeffrey B.; and Heller, Aaron J., 4,521,865, Cl. 364-608.000.
- Heller, Albert; Birkmair, Hubert; and Grauberger, Hermann, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Printing machine web turning bar adjustment mechanism. 4,532,864, 8-6-85, Cl. 101-219.000.
- Heller, Andrew R.; and Worley, William S., Jr., to International Business Machines Corporation. Mechanism for control of address translation by a program using a plurality of translation tables. 4,500,952, 2-19-85, Cl. 364-200.000.
- Heller, Carl A.; Erickson, Eric D.; and Greni, Sterling R., to United States of America, Navy. Field detection of 2,4,6-trinitrotoluene in water by ion-exchange resins. 4,496,520, 1-29-85, Cl. 422-60.000.
- Heller, Clarence: *See—*
  - Smyly, Harold M.; Miller, Charles D.; Cloyd, Richard A.; and Helier, Clarence, 4,554,905, Cl. 124-56.000.
- Heller, Gunter: *See—*
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- Heller, Isabelle; and Loewenstein, Paul, to Enertec. Method for determining the direction of the origin of a disturbance affecting an element of an electrical energy transfer network. 4,560,922, 12-24-85, Cl. 324-52.000.
- Heller, Jorge, to Bend Research, Inc. Water soluble polyesters. 4,502,976, 3-5-85, Cl. 252-315.400.
- Heller, Jorge: *See—*
  - Ng, Steven Y.; Penhale, Donald W.; and Heller, Jorge, 4,513,143, Cl. 549-335.000.
- Heller, Monika: *See—*
  - Wolters, Johannes; David, Paul-Johannes; and Heller, Monika, 4,505,875, Cl. 376-283.000.
- Heller, Robert C.: *See—*
  - Garbis, Dennis; Chan, Joseph Y.; Granata, Amedeo J.; and Heller, Robert C., 4,522,149, Cl. 118-725.000.
  - Hill, Lawrence B.; Garbis, Dennis; Heller, Robert C.; and Granata, Amedeo J., 4,499,354, Cl. 219-10.49R.
- Heller, Rudolf; and Kahn, Iwan, to Contraves AG. Method for mounting a radar reflector on an artillery shell. 4,547,949, 10-22-85, Cl. 29-421.00E.
- Heller, Rudolf, to Contraves AG. Operating table. 4,558,857, 12-17-85, Cl. 269-325.000.
- Heller, Sherman L., to Albert Einstein College of Medicine of Yeshiva University. Dual collimator. 4,528,453, 7-9-85, Cl. 250-505.100.
- Heller, William C., Jr.: *See—*
  - Leatherman, Alfred F., 4,541,891, Cl. 156-379.600.
- Hellewell, Todd D., to Combustion Engineering, Inc. Apparatus for removal of troublesome mineral matter from pulverized coal. 4,505,435, 3-19-85, Cl. 241-79.100.
- Hellgren, Lars G. I.: *See—*
  - Engstrom, Nils M. L., 4,550,594, Cl. 73-61.10C.
- Hellgren, Leroy L., to United States of America, Navy. High voltage, gas tight connector. 4,509,808, 4-9-85, Cl. 339-17.00R.
- Hellier, John A. Method and apparatus for treating tobacco. 4,519,407, 5-28-85, Cl. 131-291.000.
- Helling, Bernd: *See—*
  - Rutherford, David G.; Helling, Bernd; and Long, John H., 4,547,810, Cl. 358-256.000.
- Helling, Gunter, to AGFA-Gevaert, A.G. Photographic silver halide containing recording material with crosslinked microgel particles. 4,513,080, 4-23-85, Cl. 430-537.000.
- Helling, Gunter; and Himmelmann, Wolfgang, to AGFA-Gevaert, A.G. Dye diffusion transfer process wherein proteolytic enzyme decomposes light sensitive element. 4,548,887, 10-22-85, Cl. 430-213.000.
- Helling, James: *See—*
  - McNair, Rhett; and Helling, James, 4,520,436, Cl. 362-366.000.
- Helling, Jurgen; and Rohs, Ulrich. Frictional ring gear. 4,530,257, 7-23-85, Cl. 74-796.000.
- Hellman, Bengt H.: *See—*
  - Colbert, Raymond O.; and Hellman, Bengt H., 4,492,876, Cl. 307-66.000.
- Hellman, Erik: *See—*
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- Hellman, Gosta. Spraying device. 4,516,724, 5-14-85, Cl. 239-119.000.
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  - Gauffin, Ulf; and Hellsten, Mikael, 4,513,551, Cl. 52-364.000.
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- Hellwig, Reimar, to Hottinger Baldwin Measurements, Inc. Force measuring device or load cell. 4,545,262, 10-8-85, Cl. 73-862.650.
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  - Jones, William J., 4,554,534, Cl. 340-665.000.
  - Moser, Robert L.; and Wilhelm, Donald F., 4,526,044, Cl. 73-862.060.
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- Helm, John L., to Proto-Power Management Corporation. Steam generator sludge removal method. 4,492,186, 1-8-85, Cl. 122-382.000.
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  - Bagnall, Ralph S.; and Helm, William N., 4,542,785, Cl. 165-95.000.
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- Helmers, Thomas L.: *See—*
  - O'Gwynn, David C.; and Helmers, Thomas L., 4,561,608, Cl. 242-186.000.
- Helmes, Ludger: *See—*
  - Komesker, Heinrich; and Helmes, Ludger, 4,532,667, Cl. 15-49.00C.
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- Helmick, Timothy A. Continuous filtering system for cooking oil. 4,519,904, 5-28-85, Cl. 210-167.000.
- Helmond, Johannes: *See—*
  - van Dijk, Jacob; Renken, Johannes W.; Dekker, Jan G.; and Helmond, Johannes, 4,508,652, Cl. 260-407.000.
- Helms, Clifford: *See—*
  - Smithbauer, Donald J.; Lytle, Daniel R.; and Helms, Clifford, 4,527,470, Cl. 101-111.000.
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- Helms, Richard A.: *See—*
  - Timm, Gerald W.; Sandford, Donald L.; Claude, Timothy J.; and Helms, Richard A., 4,522,198, Cl. 128-79.000.
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  - Julian, Jere C.; Fogle, Ozzie; and Helms, Roseann S., 4,552,792, Cl. 428-40.000.
- Helms, Thomas G. Compact heavy duty lifting crane. 4,508,233, 4-2-85, Cl. 212-182.000.
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- Helset Engineering Company Limited: *See—*
  - Szczupak, David T., 4,557,665, Cl. 415-158.000.
- Helstrom, John J.: *See—*
  - Mahoney, John A.; Helstrom, John J.; and Tait, A. Martin, 4,514,279, Cl. 208-10.000.
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- Helton, Marty D. Wood stove grate kit with low wood signal. 4,503,782, 3-12-85, Cl. 110-186.000.
- Helton, Raymond L.; Trobough, Douglas W.; and McPherson, Marianne, to Tektronix, Inc. Bath composition and method for copper-tin-zinc alloy electroplating. 4,496,438, 1-29-85, Cl. 204-44.000.
- Helwerth, Rainer: *See—*
  - Grossmann, Max; and Helwerth, Rainer, 4,539,128, Cl. 252-49.300.
- Helwig Carbon, Inc.: *See—*
  - Braun, Kenneth E., 4,528,557, Cl. 340-648.000.
- Helwing, Robert F., to SRI International. Preparation of ketene acetals by rearrangement of allyl and substituted allyl acetals. 4,532,335, 7-30-85, Cl. 549-335.000.
- Helyer, Laurie E.: *See—*
  - Needham, Arthur M.; and Helyer, Laurie E., 4,495,967, Cl. 137-614.060.
- Helzel, Thomas: *See—*
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- Hem-Sub, Inc.: *See—*
  - Carter, William A., 4,498,485, Cl. 131-331.000.
- Hembree, Thomas D.: *See—*
  - Trussell, Gerald C.; Felix, Andre B.; Hembree, Thomas D.; and Rollins, Paul F., 4,539,655, Cl. 364-900.000.
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- Hemens, James F., to Teleflex Morse Limited. Power assistance control device. 4,519,294, 5-28-85, Cl. 91-374.000.
- Hemery, Andre, to Allibert S.A. Preparing reinforced impervious articles. 4,517,136, 5-14-85, Cl. 264-25.000.
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- Heminover, Dale R.: *See—*
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- Hemmer, Valentine J.: *See—*
  - Piscitelli, R. Amelia; Hemmer, Valentine J.; and Shepler, Eric F., 4,493,527, Cl. 339-258.00R.
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- Hemmerling, Horst: *See—*
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- Hemmert, Raymond A., deceased: *See—*
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- Hemmes, Paul R., to Miles Laboratories, Inc. Ultrasonic coagulation monitor and method. 4,558,589, 12-17-85, Cl. 73-64.100.
- Hemmi, Keiji: *See—*
  - Hashimoto, Masashi; Hemmi, Keiji; and Hagiwara, Daijiro, 4,497,801, Cl. 514-15.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.
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- Hemond, Robert F., to Lear Siegler, Inc. Tote director. 4,561,060, 12-24-85, Cl. 364-478.000.
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  - Baugh, Robert F.; Braun, Walter J.; and Cooper, Daniel, 4,533,519, Cl. 422-73.000.
  - Smith, Leland B.; and Jackson, Jacqueline J., 4,534,939, Cl. 422-61.000.
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- Hempel, David A.: *See—*
  - Bierman, Laurence W.; Polinsky, Samuel M.; Hempel, David A.; and Humberger, Roger B., 4,511,541, Cl. 423-100.000.
- Hempel, George T. Air vent cover. 4,502,368, 3-5-85, Cl. 98-29.000.
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- Hempel, Jurgen. Sealing sleeve with a connecting sleeve for the liquid and/or gastight mounting on a connecting stub. 4,560,178, 12-24-85, Cl. 277-212.0FB.
- Hempen, Klaus: *See—*
  - Eckert, Alfred; Heilmeir, Ernst; and Hempen, Klaus, 4,499,537, Cl. 364-200.000.
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  - Ayers, Ray R.; and Hemphill, Dean P., 4,493,590, Cl. 405-170.000.
- Hemphill, Paul D.: *See—*
  - Ashley, Michael J.; Hemphill, Paul D.; and Leivo, Charles C., 4,501,722, Cl. 423-242.000.
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  - Picquendar, Jean-Edgar; Henaff, Jeannine; and Feldmann, Michel, 4,543,547, Cl. 333-193.000.
- Hench, Hans: *See—*
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  - Lettner, Horst H.; Hunke, Friedrich; and Hench, Hans, 4,528,157, Cl. 264-237.000.
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- Henderson, David: *See—*
  - Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
- Henderson, David E.: *See—*
  - O'Malley, Michael P.; Henderson, David E.; Cable, Mark J.; and Hefferon, James E., 4,532,093, Cl. 264-40.100.
- Henderson, David J.: *See—*
  - Fitter, Johan C.; and Henderson, David J., 4,544,004, Cl. 141-31.000.
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- Henderson, Donald W. Cutting implement and method of making same. 4,534,827, 8-13-85, Cl. 156-647.000.
- Henderson, Doug: *See—*
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Henderson, Earl E.: *See—*
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Henderson, George H., to G.E.M.M. Manufacturing. Pipe tamping tool. 4,550,739, 11-5-85, Cl. 131-247.000.
Henderson, Gordon W. Microwave heated hair curler. 4,538,630, 9-3-85, Cl. 132-33.00R.
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  Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,528,020, Cl. 71-28.000.
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  Van Der Puy, Michael; Hendrickson, Larry L.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,540,428, Cl. 71-28.000.
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Hendrickson, William W.; and Boerding, Theodore B., to UMC Industries, Inc. Vendor controller. 4,523,285, 6-11-85, Cl. 364-479.000.
Hendriks, Ferdinand; and Taylor, Russell H., to International Business Machines Corporation. Robot precision probe positioner with guidance optics. 4,544,889, 10-1-85, Cl. 324-158.00P.
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  Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., 4,522,667, Cl. 156-87.000.
Hendriks, Ivo G. M.; and Stals, Theo, to Teepak, Inc. Method and device for everting flexible tubular member. 4,535,506, 8-20-85, Cl. 17-45.000.
Hendriks, Ivo G. M.: *See—*
  Liekens, J. Alfons F.; and Hendriks, Ivo G. M., 4,524,561, Cl. 53-397.000.
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Hendriks, Rudolf, to Thomassen International B.V. Method of improving the part-load behavior of a turbo machine, and a compressor or pump adapted for use of such method. 4,533,293, 8-6-85, Cl. 415-117.000.
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  Neumann, Wolfgang; Hendriock, Hans-Jurgen; and Fitz, Herbert, 4,556,589, Cl. 428-35.000.
Hendrischk, Wolfgang, to Mannesmann Aktiengesellschaft. Multicolored printing. 4,518,270, 5-21-85, Cl. 400-240.400.
Hendrix, James E.; and Daniels, John Y., to Springs Industries, Inc. Method of producing opaque printed textile fabrics with curing by free radical initiation and resulting printed fabrics. 4,507,350, 3-26-85, Cl. 428-196.000.
Hendrix, James E.; Daniels, John Y.; and Jackson, Bobby D., to Springs Industries, Inc. Chintz fabric and method of producing same. 4,530,874, 7-23-85, Cl. 428-266.000.

Hendrix, James E.; Daniels, John Y.; and White, Taryn M., to Springs Industries, Inc. Silicone durable press textile treatment process with radiation curing and resulting product. 4,549,880, 10-29-85, Cl. 8-115.520.

Hendrix, James E.: *See—*

  Payet, George L.; Hendrix, James E.; and Lowery, Jack R., Sr., 4,542,771, Cl. 139-302.000.

Hendry, Eric D., to English Electric Valve Company Limited. Camera tubes. 4,503,354, 3-5-85, Cl. 313-382.000.

Hendry, James W., to Lang Fastener Corporation. Apparatus for making a twin-wall, internally corrugated plastic structural part with a smooth non-cellular skin. 4,555,225, 11-26-85, Cl. 425-4.00R.

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Henery, James D.; McHaney, Stephen C.; and Edwards, Charles L., to El Paso Products Company. Refining of tertiary butylstyrene. 4,543,437, 9-24-85, Cl. 585-857.000.

Henery, James D.; Edwards, Charles L.; and McHaney, Stephen C., to El Paso Products Company. Tertiary-butylstyrene recovery. 4,543,438, 9-24-85, Cl. 585-857.000.

Henes, Martin E.; and Roth, George, to Spiral Binding Company, Inc. Ring binding with broadened rings. 4,545,603, 10-8-85, Cl. 281-21.00A.

Heng, Jean-Paul: *See—*

  Borne, Andre; and Heng, Jean-Paul, 4,561,712, Cl. 339-33.000.

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Hengel, James F.; Armstrong, Donald J.; Ament, Frank; Center, Marc B.; and Ausen, John E., to General Motors Corporation. Diesel fuel injection pump with adaptive torque balance control. 4,539,956, 9-10-85, Cl. 123-357.000.

Hengesbach, Robert W. Adjustable spray nozzle. 4,494,699, 1-22-85, Cl. 239-499.000.

Hengesbach, Robert W. Spraying apparatus and method. 4,515,310, 5-7-85, Cl. 239-8.000.

Hengesbach, Robert W. Drill press with overhead mount. 4,523,882, 6-18-85, Cl. 408-236.000.

Hengstenberg, Eckart; and Disch, Heinrich, to Rich. Hengstenberg, Firma. Machine for filling jars with pieces of vegetables or fruits, in particular quartered pickles. 4,537,017, 8-27-85, Cl. 53-515.000.

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  Bottigheimer, Andreas; Einsele, Karl-Heinz; and Henig, Klaus, 4,514,835, Cl. 368-118.000.

Henk, Charles R. Skimmer apparatus for swimming pools. 4,501,659, 2-26-85, Cl. 210-169.000.

Henk, Hermann; Kramer, Erich; Schundehutte, Karl H.; and Nickel, Horst, to Bayer Aktiengesellschaft. Reactive fluorotriazinylaminonaphthotriazolyphenylazopyridone or pyrimidone dyestuffs. 4,540,776, 9-10-85, Cl. 534-635.000.

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  Michna, Martin; and Henk, Hermann, 4,548,761, Cl. 260-508.000.

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  Hess, Dennis R.; and Antilla, Arthur, 4,518,432, Cl. 106-117.000.

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  Kordosky, Gary A.; MacKay, Kenneth D.; Sudderth, R. Brantley; and Sierakoski, Joseph M., 4,507,268, Cl. 423-24.000.

  Kordosky, Gary A.; Sudderth, R. Brantley; Sierakoski, J. Michael; and MacKay, Kenneth D., 4,544,532, Cl. 423-24.000.

  Maier, Helmut K., 4,532,314, Cl. 526-200.000.

  Morris, Charles A., 4,501,758, Cl. 426-93.000.

  Peerman, Dwight E.; and Rogier, Edgar R., 4,496,487, Cl. 260-404.000.

  Peerman, Dwight E.; Kanten, H. Gorden; and Bonnema, Kelvin K., 4,525,890, Cl. 15-193.000.

  Peerman, Dwight E.; and Rogier, Edgar R., 4,534,907, Cl. 260-410.600.

  Peerman, Dwight E.; and Rogier, Edgar R., 4,543,369, Cl. 521-137.000.

  Peerman, Dwight E.; DiDomenico, Edward; Frisch, Kurt C.; and Meffert, Alfred, 4,546,120, Cl. 521-159.000.

  Peerman, Dwight E.; and Frisch, Kurt C., 4,561,922, Cl. 156-331.400.

  Thompson, John A., 4,491,645, Cl. 524-112.000.

  Thompson, John A., 4,514,184, Cl. 8-94.210.

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Henkel, Donald J.; and Hurley, Donald L., to Western States Machine Company, The. Mechanism for latching an axially displaceable rotary part to a concentric rotary part. 4,522,718, 6-11-85, Cl. 210-371.000.

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  Bruns, Klaus; and Dang, Thuy N., 4,528,126, Cl. 252-522.00R.

  Bruns, Klaus; and Weber, Ursula, 4,555,359, Cl. 252-522.00R.

  Christophliemk, Peter; Novotny, Rudolf; von Laufenberg, Jurgen; and Sadlowsky, Josef, 4,499,062, Cl. 423-332.000.

  Christophliemk, Peter; von Laufenberg, Jurgen; Novotny, Rudolf; Staller, Siegfried; and Diekotter, Friedrich W., 4,557,907, Cl. 423-119.000.

  Diekotter, Friedrich W.; Honges, Edgar; Just, Gunther; Smolka, Heinz-Gerd; and Wust, Willi, 4,545,969, Cl. 423-328.000.

  Dierichs, Wolfgang; Eberhardt, Werner; and Wegner, Jurgen, 4,505,964, Cl. 428-85.000.

  Fehr, Hans; Pesch, Wolfgang; and Friedemann, Wolfgang, 4,561,898, Cl. 106-74.000.

  Fischer, Herbert; Gorzinski, Manfred; Gress, Wolfgang; Meffert, Alfred; and Wegemund, Bernd, 4,555,564, Cl. 528-295.300.

  Friese, Hans-Herbert; and Prinz, Wolfgang, 4,527,992, Cl. 8-94.210.

  Geke, Juergen; and Rehm, Hans-Joerg, 4,541,931, Cl. 210-728.000.

  Gobel, Gerd; Behr, Norbert; van der Mei, Henk; Carduck, Franz-Josef; and von Ettingshausen, Othmar, 4,491,600, Cl. 426-384.000.

  Gorzinski, Manfred; Wilk, Hans-Christoph; Fischer, Herbert; and Wegemund, Bernd, 4,497,933, Cl. 524-604.000.

  Greb, Wolfgang; Christophliemk, Peter; and Schroder, Christine, 4,537,771, Cl. 424-154.000.

  Grunert, Heinz; Hahn, Fritz; Rall, Ulrich; Schumann, Klaus; Schwuger, Milan J.; and Smolka, Heinz G., 4,500,320, Cl. 8-442.000.

  Harth, Hubert; Witthaus, Martin; and Gress, Wolfgang, 4,507,270, Cl. 423-365.000.

  Hase, Christian; Bischoff, Martin; Schmadel, Edmund; and Vogt, Gunther, 4,547,306, Cl. 252-99.000.

  Hase, Christian; and Koeppelmann, Edgar, 4,559,158, Cl. 252-102.000.

  Hempel, Hans-Ulrich; Grunert, Margarete; Tesmann, Holger; and Muller, Heinz, 4,504,410, Cl. 252-358.000.

  Hempel, Hans-Ulrich; Novotny, Rudolf; Staller, Siegfried; and Kramer, Johannes, 4,561,873, Cl. 65-27.000.

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  Herold, Julius; and Geisen, Ingeborg, 4,525,234, Cl. 156-332.000.

  Herold, Julius; Kluth, Hermann; Meffert, Alfred; and Leder, Manfred, 4,551,517, Cl. 528-60.000.

  Hoefer, Rainer; and Bartnick, Bernhard, 4,525,525, Cl. 524-742.000.

  Hoefer, Rainer; Schmid, Karl; Wegemund, Bernd; and Bartnick, Bernhard, 4,529,762, Cl. 524-157.000.

  Hoefer, Rainer; Meffert, Alfred; and Wegemund, Bernd, 4,549,002, Cl. 526-209.000.

  Kloetzer, Dietrich; Linde, Karl-Heinz; and Ojust, Klaus, 4,547,318, Cl. 260-400.000.

  Kluth, Hermann; and Meffert, Alfred, 4,508,853, Cl. 521-107.000.

  Kluth, Hermann; Roderhoff, Bernhard; Friedemann, Wolfgang; Wegner, Jurgen; and Dierichs, Wolfgang, 4,533,490, Cl. 252-305.000.

  Kluth, Hermann; and Wegner, Jurgen, 4,558,073, Cl. 521-110.000.

  Knaster, Mark, 4,515,643, Cl. 148-6.15Z.

  Koch, Otto; Reuter, Herbert; and Seiter, Wolfgang, 4,552,681, Cl. 252-140.000.

  Lepper, Herbert; and Schutt, Hartwig, 4,520,211, Cl. 568-863.000.

  Maak, Norbert; Friedemann, Wolfgang; Fehr, Hans; and Feulner, Kurt, 4,541,869, Cl. 106-38.350.

  Maak, Norbert; and Lieske, Edgar, 4,552,565, Cl. 8-409.000.

  Meyer, Dieter; Rossmann, Christian; and Zetzsche, Friedbert, 4,539,117, Cl. 210-639.000.

  Moller, Hinrich; Wallat, Siegfried; Bartnik, Friedhelm; and Pittermann, Wolfgang, 4,493,823, Cl. 424-70.000.

  Moller, Hinrich; Wallat, Siegfried; Hoffkes, Horst; and Giede, Karl, 4,496,536, Cl. 424-70.000.

  Moller, Hinrich; and Wallat, Siegfried, 4,503,244, Cl. 514-544.000.

  Moller, Hinrich; and Wallat, Siegfried, 4,528,286, Cl. 514-232.000.

  Moller, Hinrich; Wallat, Siegfried; and Bartnik, Friedhelm, 4,545,984, Cl. 424-70.000.

  Moller, Hinrich; and Wallat, Siegfried, 4,562,068, Cl. 424-70.000.

  Pesch, Wolfgang; and Beer, Gunter, 4,512,808, Cl. 106-83.000.

  Preuss, Wolfgang, 4,519,949, Cl. 260-397.100.

  Pruhs, Horst; and Altenschopfer, Theodor, 4,511,487, Cl. 252-99.000.

  Puchta, Rolf; Nusslein, Hans; Boeck, Alexander; and Streschnak, Benno, 4,526,694, Cl. 252-8.800.

  Raehse, Wilfried; Kuehne, Norbert; Wuest, Willi; and Engelskirchen, Konrad, 4,507,474, Cl. 536-97.000.

Reuter, Herbert; Seiter, Wolfgang; and Wegener, Ingo, 4,524,010, Cl. 252-135.000.

Ritter, Wolfgang, 4,515,724, Cl. 260-410.000.

Rutzen, Horst; Nikolaus, Peter; Bischoff, Martin; and Lehmann, Rudolf, 4,492,802, Cl. 564-292.000.

Scharf, Rolf; Koch, Ferdinand; and Schlussler, Hans-Joachim, 4,560,493, Cl. 252-174.160.

Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.

Schmid, Karl; Baumann, Horst; and Rommerskirchen, Hans J., 4,532,076, Cl. 252-557.000.

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Schmid, Karl H.; Rommerskirchen, Hans J.; Reuter, Herbert; Seiter, Wolfgang; and Piorr, Robert, 4,495,092, Cl. 252-559.000.

Schumann, Henning; Busch, Peter; Fischer, Detlef; and Thiele, Klaus, 4,520,831, Cl. 132-11.00R.

Soldanski, Heinz-Dieter; and Holdt, Bernd-Dieter, 4,554,083, Cl. 252-8.570.

Strack, Hans; Roebke, Wolfgang; Kneitel, Dieter; and Parr, Ehrfried, 4,551,322, Cl. 423-329.000.

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Vierkotter, Peter; Turk, Erich; Holdt, Bernd-Dieter; and Menke, Ronald, 4,541,551, Cl. 222-456.000.

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Henkes, Dale D.: *See—*
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Henley, Ernest J. Fluidized bed therapy apparatus. 4,498,462, 2-12-85, Cl. 128-24.100.

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Henmi, Fumiaki; and Aoki, Yoshio, to Sony Corporation. Optical recording and reproducing apparatus with improved focussing control. 4,547,872, 10-15-85, Cl. 369-45.000.

Henn, Robert L., to W. L. Gore & Associates, Inc. Phase separating polyurethane prepolymers and elastomers prepared by reacting a polyol having a molecular weight of 600–3500 and isocyanate and a low molecular weight chain extender in which the ratios of reactants have a limited range. 4,532,316, 7-30-85, Cl. 528-59.000.

Hennart, Claude; and Blanc, Rene, to Airwick Industries, Inc. Insecticidal vapors-emitting composition on a pyrethrinoid base. 4,515,768, 5-7-85, Cl. 424-40.000.

Henne, Andreas; Hesse, Anton; Heil, Guenter; and Schornick, Gunnar, to BASF Aktiengesellschaft. Photopolymerizable composition with acylphosphine sulfide photoinitiator and method. 4,522,693, 6-11-85, Cl. 204-159.150.

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Henneberry, James W. Refuse storage and discharge apparatus. 4,522,551, 6-11-85, Cl. 414-517.000.

Hennebutte, Georges B. Board for aquatic sports. 4,507,094, 3-26-85, Cl. 441-65.000.

Hennechart, Jean-Paul; Bramaud, Bernard; and Prat, Francois, to Ziegler S.A. Installation for the continuous coating of a strip, especially for the galvanizing of sheet steel. 4,502,408, 3-5-85, Cl. 118-61.000.

Hennekes, Daniel M.; Suica, David E.; and Beckman, Robert F., to Cincinnati Milacron Inc. Releasable tool mount for manipulator. 4,500,065, 2-19-85, Cl. 248-542.000.

Hennekes, Daniel M.; Kolde, Richard A.; and Suica, David E., to Cincinnati Milacron Inc. Robot toolchanger system. 4,512,709, 4-23-85, Cl. 414-729.000.

Hennemann, Hans: *See—*
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Hennemuth, Kurt; Kohn, Heinz G.; Knothe, Erich; and Pradel, Gunter, to Sartorius GmbH. Cardioplegic controlling and regulating system. 4,529,397, 7-16-85, Cl. 604-4.000.

Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., to Magnetic Peripherals Inc. Method for attaching a workpiece to a workpiece carrier. 4,517,041, 5-14-85, Cl. 156-155.000.

Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., to Magnetic Peripherals Inc. Precision lapping system. 4,536,992, 8-27-85, Cl. 51-109.00R.

Hennenfent, Douglas J.: *See—*
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Hennesen, Robert L., to Niagara Machine & Tool Works. Barrier guard for shears, presses and the like. 4,528,868, 7-16-85, Cl. 74-612.000.

Hennessey, Richard G.; Beemer, Richard B.; and Melles, Harold W., to J. I. Case Company. Fluid drive transmission employing lockup clutch. 4,526,255, 7-2-85, Cl. 192-3.580.

Hennessey, Richard G.: *See—*
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Henneuse, Donald P., to Magnuson Corporation. Centering device for a food slicer. 4,538,491, 9-3-85, Cl. 83-402.000.

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Hennevin, Bernard, to Compagnie Electro-Mecanique. Equalizer circuit for switches connected in series. 4,555,754, 11-26-85, Cl. 363-132.000.

Hennig, Eberhard; Klie, Jurgen; and Wellendorf, Klaus, to Dr. Ing. Rudolf Hell GmbH. Method for partially smoothing retouch in electronic color reproduction. 4,516,155, 5-7-85, Cl. 358-80.000.

Hennig, Eberhard, to Dr. Ing. Rudolf Hell GmbH. Method and apparatus for intensifying contrast in printing formats. 4,536,803, 8-20-85, Cl. 358-299.000.

Hennig, Franz, to Jagenberg AG. Spout for liquid packing apparatus. 4,512,379, 4-23-85, Cl. 141-286.000.

Henniger, Peter W.; van der Drift, Johannes K.; Kapur, Jagdish C.; and Fasel, Herman P., to Gist-Brocades N.V. Process for the preparation of penicillanic acid 1,1-dioxides. 4,528,135, 7-9-85, Cl. 260-245.20R.

Henning, Jerrold V., to Rockwell International Corporation. Microcomputer retriggerable interval counter. 4,538,235, 8-27-85, Cl. 364-569.000.

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Henning, Rainer; Urbach, Hansjorg; Geiger, Rolf; Teetz, Volker; and Scholkens, Bernward, to Hoechst Aktiengesellschaft. Substituted derivatives of octahydroindole-2-carboxylic acids. 4,515,803, 5-7-85, Cl. 514-338.000.

Henning, Rainer; and Urbach, Hansjorg, to Hoechst Aktiengesellschaft. Process for the preparation of N-alkylated dipeptides and their esters. 4,525,301, 6-25-85, Cl. 260-112.50R.

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Henninger, Paul J.: *See—*
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Hennings, Detlev; and Schreinemacher, Herbert, to U.S. Philips Corporation. Ceramic dielectric basis on bismuth-containing $BaTiO_3$. 4,503,482, 3-5-85, Cl. 361-321.000.

Hennings, Detlev; Schnell, Axel; and Schreinemacher, Herbert, to U.S. Philips Corporation. Non-linear resistor and method of manufacturing the same. 4,551,269, 11-5-85, Cl. 252-520.000.

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Hennon, Erin D.; and Joyner, Robert G., to Dana Corporation. Protective cover assembly. 4,518,017, 5-21-85, Cl. 138-96.00R.

Hennrich, Norbert: *See—*
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Henquin, Teodor; and Ben Zeev, Ya'acov, to Electronics Corporation of Israel Ltd. TASI apparatus for use with systems having interregister multifrequency signalling. 4,506,359, 3-19-85, Cl. 370-81.000.

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Piasecki, Joshua; Zelinkovsky, Reuven; Segev, Aharon; and Henquin, Teodor, 4,523,309, Cl. 370-81.000.

Henrard, Jose ; Jacquemin, Marie-Noelle; and Leduc, Michel, to Thomson-Brandt. Control-lever for a game. 4,503,299, 3-5-85, Cl. 200-61.520.

Henrich, Kenneth J.; and Hana, Thomas C., to Hazeltine Corporation. Differential amplifier having balanced output. 4,511,852, 4-16-85, Cl. 330-252.000.

Henrich, Werner. Process for winding wire upon a reel. 4,553,707, 11-19-85, Cl. 242-25.00R.

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Henrichsen, Frank; Hansen, Flemming A.; and Sorensen, Kim, to A/S Flex Dental. Dental apparatus with a number of dental instruments connected to a common control circuit and a common operator unit. 4,538,988, 9-3-85, Cl. 433-84.000.

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Lee, Shy-Fuh; and Henrick, Clive A., 4,536,355, Cl. 260-944.000.

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Henriksen, Henrik; Nielsen, Torben G.; and Taarning, Claus E., to F. L. Smidth & Co. Method and arrangement for protecting a thyristor switch of a pulse generator. 4,503,477, 3-5-85, Cl. 361-2.000.

Henriksen, Melvin S.; and Meyer, Richard C., to Beckman Instruments, Inc. Rotary sheer valve with wash and purge station. 4,540,015, 9-10-85, Cl. 137-240.000.

Henriksen, Norolf, to Norsk Hydro a.s. Deaeration of water. 4,530,820, 7-23-85, Cl. 423-219.000.

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Henrikson, Stig A. Apparatus for extracting at least the inherent kinetic energy from waves. 4,521,152, 6-4-85, Cl. 415-2.00R.

Henriksson, Bengt, to ASEA Aktiebolag. Induction coil. 4,532,398, 7-30-85, Cl. 219-10.790.

Henriksson, Goran, to Olsbergs Hydraulic AB. Electrohydraulic set device. 4,543,874, 10-1-85, Cl. 91-387.000.

Henriksson, Sven-Erik D.; Ahrel, Bo A.; Svensson, Claes G. S.; and Franzen, Torsten A. H., to MoDo-Chemetics AB. Process for producing and flash drying high yield mechanical cellulose pulp with steam and condensate recycle. 4,537,655, 8-27-85, Cl. 162-23.000.

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Henriott, Jay M.; and Hostetter, David L., to Kimball International, Inc. Wire or line manager. 4,535,703, 8-20-85, Cl. 108-50.000.

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Henry, Charles H.; and Logan, Ralph A., to AT&T Bell Laboratories. Method of making a loss stabilized buried heterostructure laser. 4,536,940, 8-27-85, Cl. 29-569.00L.

Henry, Dominique: *See—*

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Zasuwa, Gerard A., 4,531,941, Cl. 604-113.000.

Henry, George R.: *See—*

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Henry, James W., to Sperry Corporation. Control linkage for continuous roll baling machine. 4,517,891, 5-21-85, Cl. 100-88.000.

Henry, Jill. Recreational towel. 4,512,049, 4-23-85, Cl. 5-417.000.

Henry, John W., IV, to United States of America, Navy. Mechanism for proportionately loading dual thrust bearing assemblies against axial thrust loads. 4,493,514, 1-15-85, Cl. 384-613.000.

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Henry, Michael D.; Ableidinger, Bruce J.; and Agarwal, Nirmal K., to Northwest Instrument Systems, Inc. Apparatus and method for acquiring multiple groups of data signals from a synchronous logic system. 4,513,395, 4-23-85, Cl. 364-900.000.

Henry, Nelson R.; Cutler, Duncan B.; and Warner, William L., to Kliklok Corporation. Method and apparatus for combination weighing with multiple storage cups for each scale hopper. 4,538,692, 9-3-85, Cl. 177-1.000.

Henry, Paul M., to Burr-Brown Corporation. Precision band-gap voltage reference circuit. 4,525,663, 6-25-85, Cl. 323-280.000.

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Henry, Raymond W., to Texas Instruments Incorporated. On board non-volatile memory programming. 4,498,151, 2-5-85, Cl. 364-900.000.

Henry, Rebecca D., to Ciba-Geigy Corporation. Epoxy resin modeling stock. 4,528,305, 7-9-85, Cl. 523-219.000.

Henry, Rene H.; and Nolf, Jean M. E., to N.V. Raychem S.A. Closure assembly and method of using it. 4,518,448, 5-21-85, Cl. 156-86.000.

Henry, Richard T.: *See—*

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Henry, Rohan G. Triangular prism game-puzzle. 4,522,402, 6-11-85, Cl. 273-153.00S.

Henry, Susanne G.; Tsunemura, Kazuo; and Iha, Kiyoshi, to Chamberlain Manufacturing Corporation. Garage door operator and method of assembling. 4,538,661, 9-3-85, Cl. 160-35.000.

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Hense, Thomas R.; and Rudolph, Ronald M., to Applied Power Inc. Datum point location method and apparatus. 4,549,359, 10-29-85, Cl. 33-516.000.

Hensenne, Joseph: *See—*

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Henshaw, Philip D., to Massachusetts Institute of Technology. Photorefractive laser beamsteering device. 4,508,431, 4-2-85, Cl. 350-354.000.

Henshaw, Philip D., to Sparta, Inc. Image comparison system. 4,513,441, 4-23-85, Cl. 382-43.000.

Henslee, Walter W.; and Foster, Stephen I., to Dow Chemical Company, The. Fluoride-substituted cobalt spinels. 4,514,518, 4-30-85, Cl. 502-229.000.

Hensler, David L. Control wand for overhead personnel crane. 4,520,894, 6-4-85, Cl. 182-2.000.

Hensley, Albert L., Jr.; and Quick, Leonard M., to Standard Oil Company (Indiana). Catalytic hydroliquefaction using a Cr-Mo-Group VIII catalyst. 4,493,761, 1-15-85, Cl. 208-10.000.

Hensley, Albert L., Jr.; and Quick, Leonard M., to Standard Oil Company (Indiana). Catalyst and support, their methods of preparation, and processes employing same. 4,495,062, 1-22-85, Cl. 208-111.000.

Hensley, Albert L., Jr.; and Quick, Leonard M., to Amoco Corporation. Hydrotreating catalyst and process. 4,549,957, 10-29-85, Cl. 208-216.0PP.

Hensley, Albert L., Jr.: *See—*
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Miller, Jeffrey T.; and Hensley, Albert L., Jr., 4,559,363, Cl. 518-711.000.

Hensley, Charles A.; and Kitko, David J., to Procter & Gamble Company, The. Hypochlorite bleach compositions containing optical brighteners. 4,526,700, 7-2-85, Cl. 252-102.000.

Hensley, Charles T.: *See—*
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Hensley, Clifford J. Filter apparatus and method. 4,496,464, 1-29-85, Cl. 210-792.000.

Hensley, Gary L.; Van Dokkum, Jan; Groeneweg, Adrianus; and Stolk, Gerritt, to Hutchinson-Hayes International, Inc. Apparatus and method for real-time measurement of drilling fluid properties. 4,557,142, 12-10-85, Cl. 73-153.000.

Hensley, Thomas E.; and Weaver, Richard D., to Allied Corporation. Fuel injector. 4,494,701, 1-22-85, Cl. 239-585.000.

Hensley, William H. Remotely actuated oil drain for motor vehicles. 4,495,963, 1-29-85, Cl. 137-351.000.

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Henson, Jack C. Pistol mounting bracket. 4,521,930, 6-11-85, Cl. 5-508.000.

Henson, James H., to Swimaid, Inc. Electrochemical ionization system for purifying water. 4,525,272, 6-25-85, Cl. 210-149.000.

Henson, Richard L. Slide arrangement. 4,494,802, 1-22-85, Cl. 308-3.800.

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Hentschel, Karl-Heinz; Dhein, Rolf; Winter, Hans; and Vojacek, Herbert, to Bayer Aktiengesellschaft. Power-transmission method uses spirocyclic ketals. 4,499,000, 2-12-85, Cl. 252-73.000.

Hentschel, Peter; Meyl, Wolfgang; and Seipelt, Egon, to Jenoptik Jena G.m.b.H. Arrangement for setting out points and straight lines. 4,494,870, 1-22-85, Cl. 356-152.000

Hentschke, Siegbert, to International Standard Electric Corporation. System for the redundancy-reducing digital transmission of television video signals. 4,531,151, 7-23-85, Cl. 358-135.000.

Hentz, Robert S.: *See—*
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Henzelin, Bernard; and Courbat-Chavanne, Bernard, to Hauni-Werke Korber & Co. KG. Method and apparatus for increasing the volume of tobacco. 4,513,758, 4-30-85, Cl. 131-291.000.

Henzl, Jindrich; Kuda, Vladimir; Vasicek, Vladimir; and Klimes, Stanislav, to ZVS Vyzkumnevyvojovy ustav koncernova ucelova organizace. Method of and apparatus for selectively releasing a predetermined length of weft thread in shuttleless looms. 4,557,299, 12-10-85, Cl. 139-452.000.

HEP Products AB: *See—*
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Hepburn, George R., to Dynasplint Systems, Inc. Adjustable splint. 4,508,111, 4-2-85, Cl. 128-87.00R.

Hepburn, George R., to Dynasplint Systems, Inc. Adjustable splint. 4,538,600, 9-3-85, Cl. 128-88.000.

Hepburn, John J.: *See—*
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Hepfer, Rolf; and Runzler, Jurgen, to Joseph Kieninger Uhrenfabrik GmbH. Striking clock with device for disconnecting the striking mechanism. 4,508,456, 4-2-85, Cl. 368-262.000.

Hepher, Nicholas M., to Blue Circle Industries PLC. Apparatus for separating particulate materials. 4,556,481, 12-3-85, Cl. 209-127.000.

Hepher, Nicholas M.: *See—*
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Hepler, Edward L.: *See—*
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Hepner, Timothy E.; and Meyers, James F., to United States of America, National Aeronautics and Space Administration. Auto covariance computer. 4,545,025, 10-1-85, Cl. 364-728.000.

Hepp, Peter S., to Sun Carriers, Inc. Apparatus for automated less-than-truck load shipments. 4,545,710, 10-8-85, Cl. 410-32.000.

Hepp, Volker. Mobile event-module. 4,518,267, 5-21-85, Cl. 368-107.000.

Hepp, Wolfgang: *See—*
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Hepple, Jeffry S., to Hightec Manufacturing Corporation. Carpet vacuum, cleaning, and dyeing apparatus. 4,542,556, 9-24-85, Cl. 15-321.000.

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Aldinger, Fritz; Bischoff, Albrecht; Keilberth, Richard; and Sperner, Franz, 4,514,589, Cl. 174-119.00R.
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Gutermann, Alfons; Herzog, Heinz; Mohn, Heinrich; and Schulke, Karl A., 4,530,818, Cl. 422-240.000.
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Heraty, Michael: *See—*
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Heraty, Patrick T.; and Heraty, Michael. Combination high pressure wand and brush for vehicle washing. 4,552,476, 11-12-85, Cl. 401-136.000.

Heraud, Louis, to Societe Europeenne de Propulsion. Method for adhesively bonding parts made of refractory materials. 4,514,240, 4-30-85, Cl. 156-89.000.

Herb, Armin; and Froehlich, Peter, to Hilti Aktiengesellschaft. Expansion dowel assembly. 4,560,311, 12-24-85, Cl. 411-44.000.

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Herb, Carl C., to Carrier Corporation. Actuator for a heating/cooling diffuser. 4,535,932, 8-20-85, Cl. 236-49.000.

Herb, Eugen, to Trumpf GmbH & Co. Stamping or nibbling machine. 4,545,272, 10-8-85, Cl. 83-165.000.

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Herberg, Helmut, to Siemens Aktiengesellschaft. Method for manufacturing metallized semiconductor components. 4,495,026, 1-22-85, Cl. 156-652.000.

Herberg, Helmut, to Siemens Aktiengesellschaft. FET controlled thyristor. 4,500,902, 2-19-85, Cl. 357-38.000.

Herberg, Helmut, to Siemens Aktiengesellschaft. FET controlled thyristor. 4,502,071, 2-26-85, Cl. 357-38.000.

Herberg, Helmut, to Siemens Aktiengesellschaft. FET controlled thyristor. 4,502,072, 2-26-85, Cl. 357-38.000.

Herberg, Michael J.; Macander, Rudolph F.; and Stegman, Todd R., to General Electric Company. Process for the continuous manufacture of silicone gums. 4,551,515, 11-5-85, Cl. 528-18.000.

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Herbert, Adolf; Anders, Dietmar; and Meier, Gunter, to Hermann Berstorff Maschinenbau GmbH. Extrusion head. 4,548,568, 10-22-85, Cl. 425-131.100.

Herbert, Alan J., to Minnesota Mining and Manufacturing Company. Highly photosensitive aqueous solvent-developable printing assembly. 4,521,503, 6-4-85, Cl. 430-49.000.

Herbert, Eric D., to Tennant Radiant Heat Limited. Artificial fuel-effect gas fires. 4,544,347, 10-1-85, Cl. 431-125.000.

Herbert, Frank P.; and Barnard, Maxwell K. Graphic computer system and keyboard. 4,546,435, 10-8-85, Cl. 364-300.000.
Herbert, James F., to Metal Closures Limited. Plastic closure with sealing fin. 4,526,284, 7-2-85, Cl. 215-329.000.
Herbert, James F., to Metal Closures Limited. Application heads for applying closures to containers. 4,558,554, 12-17-85, Cl. 53-331.500.
Herbert, James F., to Metal Closures Limited. Capping machines for containers. 4,559,759, 12-24-85, Cl. 53-308.000.
Herbert, John M. Frozen drink apparatus. 4,528,824, 7-16-85, Cl. 62-331.000.
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Stuhmeier, Gunter; and Holzinger, Karl, 4,525,935, Cl. 34-14.000.
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Herbert, Kenneth, Jr. Method for repairing fiberglass boat hulls. 4,559,240, 12-17-85, Cl. 427-140.000.
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Herbert, Phil. Plug locking device. 4,514,026, 4-30-85, Cl. 339-75.00P.
Herbert, Reinhold, to Fresenius AG. Storage bag. 4,516,977, 5-14-85, Cl. 604-415.000.
Herbert, Reinhold, to Fresenius AG. Bag for the storage of liquids. 4,561,110, 12-24-85, Cl. 604-408.000.
Herbert Richter Metallwaren-Apparate bau GmbH & Co.: *See—*
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Herbert, Tony E. G., to Rotaflex plc. Electrical supply connector for continuous outlet track. 4,508,400, 4-2-85, Cl. 339-22.00R.
Herbert, William B.; and Patel, Rohit A. Surgical drainage and irrigation apparatus for post operative patient care. 4,551,130, 11-5-85, Cl. 604-32.000.
Herbert, William G., to Xerox Corporation. Electroforming process. 4,501,646, 2-26-85, Cl. 204-4.000.
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Herbruck, Steven L. Toilet cover attachment. 4,491,991, 1-8-85, Cl. 4-661.000.
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Herbst, Thomas, to Dyckerhoff & Widmann Aktiengesellschaft. Removable tension member for a grout anchor. 4,513,556, 4-30-85, Cl. 52-698.000.
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Herchenbach, Horst; Wolter, Albrecht; and Steinbiss, Eberhard, to Klockner-Humboldt-Wedag AG. Method and apparatus for the heat treatment of a fine grained product. 4,507,153, 3-26-85, Cl. 106-100.000.
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Burdick, Charles L., 4,514,292, Cl. 209-167.000.
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Valentine, Robert H., 4,499,240, Cl. 525-193.000.
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- Herd, Randy S.: *See—*
  - Montana, Donald M.; and Herd, Randy S., 4,499,468, Cl. 343-15.000.
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- Herdeg, Donald F.; and Matseas, William G., to USM Corporation. Pattern selection system. 4,512,271, 4-23-85, Cl. 112-158.00E.
- Herdeg, Karl: *See—*
  - Muller, Anton; Konig, Hubert; and Herdeg, Karl, 4,525,900, Cl. 24-68.0CT.
- Herdeg, Peter K.: *See—*
  - Margolin, Mark; Grois, Igor; Herdeg, Peter K.; and Nijman, John P., 4,515,434, Cl. 350-96.210.
- Herden, Werner. Spark plug for externally ignited internal combustion engine. 4,549,114, 10-22-85, Cl. 315-58.000.
- Herder, Kornelis, to Wavin B.V. Web of plastic bags. 4,561,107, 12-24-85, Cl. 383-37.000.
- Herdle, William B., to Union Carbide Corporation. Preparation of polyalkylene polyamines. 4,503,250, 3-5-85, Cl. 564-479.000.
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- Hereit, Frantisek; and Mutl, Silvestr, to Hydroprojekt. Apparatus for the simultaneous formation and separation of a liquid suspension. 4,511,467, 4-16-85, Cl. 210-173.000.
- Herff Jones, Inc.: *See—*
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- Herfurth GmbH: *See—*
  - Hutter, Gerald, 4,529,911, Cl. 315-39.000.
- Hergenrother, Paul M., to United States of America, National Aeronautics and Space Administration. Phenoxy resins containing pendent ethynyl groups and cured resins obtained therefrom. 4,510,296, 4-9-85, Cl. 525-534.000.
- Hergenrother, William L.; and Doshak, John M., to Firestone Tire & Rubber Company, The. Polyethylene terephthalate molding compositions. 4,506,050, 3-19-85, Cl. 524-143.000.
- Hergenrother, William L.; Matlock, Mark G.; and Ambrose, Richard J., to Firestone Tire & Rubber Company, The. Impact resistant polymeric compositions containing polyamides, maleic anhydride adducts of hydrogenated polymers and graft copolymers thereof. 4,508,874, 4-2-85, Cl. 525-285.000.
- Hergenrother, William L., to Firestone Tire & Rubber Company, The. Process for making coated glass fiber reinforced composites. 4,524,040, 6-18-85, Cl. 264-136.000.
- Hergenrother, William L., to Firestone Tire & Rubber Company, The. Composites and size coated glass fibers used therein. 4,537,917, 8-27-85, Cl. 523-209.000.
- Hergenrother, William L.; and Halasa, Adel F., to Firestone Tire & Rubber Company, The. Polyphosphazene polymers containing diallyamino substituents. 4,558,103, 12-10-85, Cl. 525-538.000.
- Hergenrother, William L., to Firestone Tire & Rubber Company, The. Composites and size coated glass fibers used therein. 4,562,115, 12-31-85, Cl. 428-392.000.
- Herget, Herbert: *See—*
  - Heckl, Franz; and Herget, Herbert, 4,508,623, Cl. 220-229.000.
- Herget, Werner, to Siemens Aktiengesellschaft. Method of transmitting serial data between facsimile equipment and interface performing the same. 4,533,958, 8-6-85, Cl. 358-280.000.
- Hergeth, Helmut H. A.: *See—*
  - Hergeth, Hubert A.; and Hergeth, Helmut H. A., 4,498,215, Cl. 19-81.000.
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  - Hergeth, Hubert A.; and Hergeth, Helmut H. A., 4,528,723, Cl. 19-105.000.
- Hergeth Hollingsworth GmbH: *See—*
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  - Hergeth, Hubert A.; and Hergeth, Helmut H. A., 4,514,881, Cl. 19-80.00R.
  - Hergeth, Hubert A.; and Hergeth, Helmut H. A., 4,528,723, Cl. 19-105.000.
- Hergeth, Hubert. Apparatus for making a web from fibers. 4,520,531, 6-4-85, Cl. 19-105.000.
- Hergeth, Hubert A.; and Hergeth, Helmut H. A., to Hergeth Hollingsworth GmbH. Apparatus for conveying material as it is removed from rows of bales constituting spinning material. 4,498,215, 2-12-85, Cl. 19-81.000.
- Hergeth, Hubert A., to Hergeth Hollingsworth GmbH. Apparatus for removing fiber bales, in particular pressed bales of cotton. 4,503,798, 3-12-85, Cl. 414-225.000.
- Hergeth, Hubert A.; and Hergeth, Helmut H. A., to Hergeth Hollingsworth, GmbH. Method and apparatus for reducing fiber bales. 4,514,881, 5-7-85, Cl. 19-80.00R.
- Hergeth, Hubert A.; and Hergeth, Helmut H. A., to Hergeth Hollingsworth GmbH. Apparatus for feeding fibrous material in the form of flocks to processing machines. 4,528,723, 7-16-85, Cl. 19-105.000.
- Hergt, Peter: *See—*
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  - Schweiger, Josef; and Hering, Bernhard, 4,539,539, Cl. 335-78.000.
  - Steiger, Erwin; and Hering, Bernhard, 4,520,254, Cl. 219-121.00L.
- Hering, Reinhard F. Weather resistant boards. 4,562,103, 12-31-85, Cl. 428-76.000.
- Herion, Dieter: *See—*
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- Herion-Werke KG: *See—*
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  - Gregory, James H., 4,501,098, Cl. 52-79.100.
- Herkenhoff, Earl F.; and Ostrander, William J., to Chevron Research Company. Method for the interpretation of seismic records to yield valuable characteristics, such as gas-bearing potential and lithology strata. 4,554,649, 11-19-85, Cl. 367-68.000.
- Herklotz, Gunter; and Arnold, Gerhard, to W. C. Heraeus GmbH. Galvanic depositing of palladium coatings. 4,491,507, 1-1-85, Cl. 204-47.000.
- Herkness, Wayne, II. Earth soil sampler. 4,498,547, 2-12-85, Cl. 175-244.000.
- Herlein, Dick: *See—*
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- Herlihy, Walter C., to Repligen Corporation. Skin tanning composition and method. 4,515,773, 5-7-85, Cl. 424-59.000.
- Herlihy, Walter C., to Repligen Corporation. In vitro enzymatic process for preparing glucuronides of ester-containing anticholinergics. 4,518,691, 5-21-85, Cl. 435-74.000.
- Herlihy, Walter C.; Epstein, David M.; and Felger, Carl B., to Repligen Corporation; and Gillette Company, The. Anticholinergic glucuronides and antiperspirant use thereof. 4,546,096, 10-8-85, Cl. 514-25.000.
- Herlitz, John E.; and Cameron, Carl A., to Chrysler Corporation. Vehicle cargo organizer assembly. 4,540,213, 9-10-85, Cl. 296-37.500.
- Herlitze, Gerhard, to Intermedicat GmbH. Stiffening core for a catheter tube. 4,504,268, 3-12-85, Cl. 604-170.000.
- Herloski, Robert P., to Xerox Corporation. Holographic scanning system utilizing a scan linearization lens. 4,508,421, 4-2-85, Cl. 350-3.710.
- Herlt, Anthony J.: *See—*
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- Herman, Alexander: *See—*
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- Herman, Charles A. Engine speed control circuit for emergency vehicle. 4,527,112, 7-2-85, Cl. 320-61.000.
- Herman, David E.: *See—*
  - Burgess, Lester E.; Fox, Karl M.; McGarry, Phillip E.; and Herman, David E., 4,536 372, Cl. 422-187.000.
  - McGarry, Phillip E.; Herman, David E.; Treskot, Robert A.; and Fistner, David C., Sr., 4,514,291, Cl. 209-166.000.
- Herman, George R.; and Martin, William A., to Herman, George R. Wind lift generator. 4,536,125, 8-20-85, Cl. 415-5.000.
- Herman, Harry H., Jr., to International Healthcare Products, Inc. Bathtub cushion lift assembly. 4,495,666, 1-29-85, Cl. 4-564.000.
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- Herman, Herbert; and Marantz, Daniel R., to Surface Science Corp. Process for thermally spraying porous metal coatings on substrates. 4,526,839, 7-2-85, Cl. 428-550.000.
- Herman, Herbert: *See—*
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  - Iseli, Robert W.; and Herman, Herbert, 4,503,128, Cl. 428-446.000.
- Herman, Jack. Insert type footwear. 4,550,446, 11-5-85, Cl. 2-239.000.
- Herman, Jan S.; Morrison, Peter A.; and Richards, Gerald P., to United States of America, Army. Method and apparatus for signaling on-line failure detection. 4,539,682, 9-3-85, Cl. 371-15.000.
- Herman, Martin A. Matrix balancing fixture. 4,541,604, 9-17-85, Cl. 249-33.000.
- Herman, Martin A. Article positioning device. 4,541,619, 9-17-85, Cl. 269-43.000.
- Herman, Michael: *See—*
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  - Stumpf, William E.; and Chadwick, Donald T., 4,529,247, Cl. 297-301.000.
  - Wiersema, Delbert; and Szmadzinski, John A., 4,550,893, Cl. 248-222.400.
  - Wilcox, Jeffrey S.; and Nienhuis, James H., 4,513,347, Cl. 361-212.000.
- Herman, Morton B., to Standard Microsystems Corporation. Software security method using partial fabrication of proprietary control word decoders and microinstruction memories. 4,513,174, 4-23-85, Cl. 178-22.080.

- Herman, Raymond L., to United States of America, Energy. Method of and apparatus for testing the integrity of filters. 4,515,007, 5-7-85, Cl. 73-38.000.
- Herman, Stewart T.: *See—*
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- Herman, Thomas; and Williams, Oliver, to International Rectifier Corporation. A.C. solid state relay circuit and structure. 4,535,251, 8-13-85, Cl. 250-551.000.
- Herman, Timm R.; and Mikic, Frank, to Snap-on Tools Corporation. Quick release mechanism for ratchet wrench. 4,508,005, 4-2-85, Cl. 81-177.00G.
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  - Anders, Dietmar, 4,515,738, Cl. 264-40.700.
  - Herbert, Adolf; Anders, Dietmar; and Meier, Gunter, 4,548,568, Cl. 425-131.100.
  - Koch, Klaus; and Syrbius, Gerhard, 4,503,764, Cl. 100-117.000.
  - Koch, Klaus; Schaeffer, Hans-Joachim; and Syrbius, Gerhard, 4,509,419, Cl. 100-117.000.
  - Koch, Klaus; Klaus, Rainer; Syrbius, Gerhard; and Schaeffer, Hans-Joachim, 4,530,761, Cl. 210-407.000.
  - Schaeffer, Hans-Joachim; and Syrbius, Gerhard, 4,529,232, Cl. 285-415.000.
  - Uhland, Eberhard; Dienst, Manfred; and Wente, Claus-Heinrich, 4,550,002, Cl. 264-40.100.
- Hermann, Bruno, deceased (by Hermann, Eleonore, heir); and Hermann, Axel, to Hermann Haus GmbH. Roller shutter installation and safety apparatus. 4,493,356, 1-15-85, Cl. 160-133.000.
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  - Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,537,641, Cl. 148-11.50P.
  - Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,548,672, Cl. 156-646.000.
- Hermann, Dietmar: *See—*
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- Hermann, Ferdinand: *See—*
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- Hermann Finckh Maschinenfabrik GmbH Co.: *See—*
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- Hermann, Hans D.; and Hutten, Ulrich M., to Hoechst Aktiengesellschaft. Finely divided polyvinyl acetals, a process for their preparation, and their use in baked coatings. 4,499,236, 2-12-85, Cl. 525-58.000.
- Hermann, Hans D.; Fabian, Klaus; and Ebigt, Joachim, to Hoechst Aktiengesellschaft. Polyvinylbutyral films which contain plasticizer and have a reduced adhesive power on glass. 4,533,601, 8-6-85, Cl. 428-437.000.
- Hermann, Hans D.; and Fabian, Klaus, to Hoechst Aktiengesellschaft. Thermoplastic molding compositions of polyvinylbutyral containing plasticizer. 4,537,830, 8-27-85, Cl. 428-437.000.
- Hermann Haus GmbH: *See—*
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- Hermann Hemscheidt Maschinenfabrik GmbH & Co.: *See—*
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  - Hovorka, Reiner; and Riedhammer, Josef, 4,520,712, Cl. 91-505.000.
  - Krieger, Karl; and Reinelt, Werner, 4,552,172, Cl. 137-484.600.
  - Welzel, Josef; and Krieger, Karl, 4,505,299, Cl. 137-596.100.
- Hermann Heye: *See—*
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- Hermann Hirsch Leder- und Kunststoffwarenfabrik: *See—*
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- Hermann Huster GmbH & Co.: *See—*
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- Hermann, Jean, to Centre Electronique Horloger S.A. Cut angles for tuning fork type quartz resonators. 4,503,353, 3-5-85, Cl. 310-361.000.
- Hermann, Karl, to International Business Machines Corporation. Selective wiring for multilayer printed circuit board. 4,495,479, 1-22-85, Cl. 333-238.000.
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  - Nielinger, Werner; Hermann, Karl H.; and Michael, Dietrich, 4,550,133, Cl. 524-399.000.
- Hermann Mellert GmbH & Co. KG: *See—*
  - Hoche, Gunter, 4,499,389, Cl. 310-41.000.
- Hermann Pfauter GmbH & Co.: *See—*
  - Becher, Friedrich; and Eggert, Walter, 4,537,537, Cl. 409-34.000.
- Hermann Rappold & Co. GbmH: *See—*
  - Muller, Rudolf; and Stolberg, Hermann J., 4,527,773, Cl. 251-306.000.
- Hermann Wangner GmbH & Co. KG: *See—*
  - Borel, Georg, 4,499,927, Cl. 139-425.00A.
  - Borel, Georg, 4,515,853, Cl. 428-257.000.
  - Borel, Georg; and Waldvogel, Hartmut, 4,554,953, Cl. 139-383.00A.
  - Schlecht, Ludwig; and Defranceski, Peter, 4,529,016, Cl. 139-438.000.
- Hermanns, Bernd: *See—*
  - Michalak, Stanislaw; and Hermanns, Bernd, 4,509,584, Cl. 165-10.000.
- Hermanns, Hans-Josef: *See—*
  - Miller, Gert; Diers, Franz; and Hermanns, Hans-Josef, 4,527,577, Cl. 133-3.00H.
- Hermans, Jacobus G. J. M.: *See—*
  - Mulders, Gerardus L. M.; and Hermans, Jacobus G. J. M., 4,508,471, Cl. 405-109.000.
- Hermans, Mathias L.: *See—*
  - van der Sluys, Willem L. N.; and Hermans, Mathias L., 4,526,009, Cl. 62-101.000.
- Hermansen, Ralph D.: *See—*
  - Bilow, Norman; and Hermansen, Ralph D., 4,534,882, Cl. 252-182.000.
- Hermanson, Herman A.; and Fisher, Almon P., to Xerox Corporation. Cleaning apparatus for a magnetographic recording head. 4,556,890, 12-3-85, Cl. 346-74.400.
- Hermanson, Herman A.: *See—*
  - Drews, Reinhold E.; Fisher, Almon P.; Hermanson, Herman A.; and Pond, Stephen F., 4,531,137, Cl. 346-74.400.
- Hermanson, Terry, to Mr. Christmas Incorporated. Foldable umbrella. 4,510,955, 4-16-85, Cl. 135-25.00R.
- Hermanson, William C.: *See—*
  - Daudt, Stephen W.; Gleason, George W.; Hermanson, William C.; and Olsen, Arthur A., 4,553,217, Cl. 364-560.000.
- Hermanson, William O., to Tecumseh Products Company. Engine flywheel brake toggle mechanism. 4,519,486, 5-28-85, Cl. 192-3.00S.
- Hermansson, Leif A. G.: *See—*
  - Carlstrom, Elis; Johnsson, Agneta I.; and Hermansson, Leif A. G., 4,534,936, Cl. 419-36.000.
- Hermecz, Istvan: *See—*
  - Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, 4,495,189, Cl. 514-258.000.
- Hermelin, Victor M. Force opposition type exerciser. 4,512,571, 4-23-85, Cl. 272-126.000.
- Hermeling, Gilbert C., Jr.; and Muterspaugh, Max W., to RCA Corporation. Double conversion tuner for broadcast and cable television channels. 4,499,602, 2-12-85, Cl. 455-180.000.
- Hermens, Joannes L. G.; and Kerkhof, Matheus W., to U.S. Philips Corporation. Radiation detector. 4,496,842, 1-29-85, Cl. 250-385.000.
- Hermens, Joannes L. G., to U.S. Philips Corporation. Multichannel X-ray detector with multiple electrical feedthrough members. 4,549,108, 10-22-85, Cl. 313-93.000.
- Hermes, Chester E.; and Huang, Wann-Sheng, to Texaco Inc. Steam injection method with constant rate of heat. 4,515,215, 5-7-85, Cl. 166-272.000.
- Hermes Precisa International S.A.: *See—*
  - Guillaume, Errick, 4,492,483, Cl. 400-208.000.
- Hermier, Yves: *See—*
  - Bonnier, Georges; and Hermier, Yves, 4,523,859, Cl. 374-1.000.
- Hermle, Klaus: *See—*
  - Truper, Dirk; and Hermle, Klaus, 4,553,040, Cl. 307-116.000.
- Hermolin, Joshua, to Du Pont de Nemours, E. I., and Company. Process for preparation of cyclohexyl hydroperoxide decomposition catalysts. 4,499,305, 2-12-85, Cl. 568-342.000.
- Hermolin, Joshua: *See—*
  - Druliner, Joe D.; and Hermolin, Joshua, 4,503,257, Cl. 568-342.000.
- Hernandez-Badillo, Wilfredo. Dynamo-electric cycle axle. 4,559,462, 12-17-85, Cl. 310-67.00A.
- Hernandez, E. Norman; and Hammerquist, Eric M., to Terra Technology Corp. High voltage power line phase angle and current measuring instrument. 4,492,918, 1-8-85, Cl. 324-83.00R.
- Hernandez, Gonzalo J., to United States of America, Commerce. Twin-etalon scanning spectrometer. 4,525,067, 6-25-85, Cl. 356-346.000.
- Hernandez, Ignacio T.: *See—*
  - Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.
- Hernandez, Jose A., to Wide-Lite International Corporation. Lighting fixture with relamping socket apparatus. 4,498,126, 2-5-85, Cl. 362-220.000.
- Hernandez, Jose A., to Wide-Lite International, Inc. Internal shield for trough-like reflector. 4,531,180, 7-23-85, Cl. 362-297.000.
- Hernandez, Luis A.; and Gonzalez, Jorge E. Croquette machine. 4,536,146, 8-20-85, Cl. 425-297.000.
- Hernandez, Rafael; Chow, Edmund E.; Moncrief, Marion L., Jr.; and Glass, Frank S., to Process Technologies, Inc. Multiplexed arrangement for connecting a plurality of transducers to a field interface device at a storage tank. 4,497,033, 1-29-85, Cl. 364-551.000.
- Hernqvist, Karl G., to RCA Corporation. Method of electrically processing a CRT mount assembly to reduce arcing and afterglow. 4,515,569, 5-7-85, Cl. 445-5.000.
- Hero, Richard A., to D G & Associates, Inc. Fishing appliance. 4,547,990, 10-22-85, Cl. 43-15.000.

Herold, Barry W., to Motorola, Inc. Resistance comparator for switch detection. 4,518,869, 5-21-85, Cl. 307-350.000.

Herold, Barry W.; and Davis, Walter L., to Motorola, Inc. Oscillating circuit exhibiting tolerance to crystal impedance variations. 4,527,131, 7-2-85, Cl. 331-116.0FE.

Herold, Barry W.: *See—*
Little, Wendell L.; and Herold, Barry W., 4,506,167, Cl. 307-279.000.

Herold, Julius; Gruber, Werner; and Henke, Guenter, to Henkel Kommanditgesellschaft auf Aktien. Bondings and composite films. 4,500,604, 2-19-85, Cl. 428-414.000.

Herold, Julius; and Geisen, Ingeborg, to Henkel Kommanditgesellschaft auf Aktien. Adhesive, pre-gelled plastisols and process of preparation. 4,525,234, 6-25-85, Cl. 156-332.000.

Herold, Julius; Kluth, Hermann; Meffert, Alfred; and Leder, Manfred, to Henkel Kommanditgesellschaft auf Aktien. Two-component polyurethane adhesive. 4,551,517, 11-5-85, Cl. 528-60.000.

Herold, Karl-Dieter: *See—*
Wilms, Elmar; Herold, Karl-Dieter; and Salz, Rainer, 4,529,541, Cl. 252-526.000.

Herold, Robert A.: *See—*
Dizek, Frederick A.; Vogel, Eric S.; Tiedeman, C. John, Jr.; and Herold, Robert A., 4,515,629, Cl. 75-0.50B.

Herold, Wolf-Dietrich; Grafwallner, Karl L.; and Keller, Michael, to ESPE Fabrik Pharmazeutischer Praparate GmbH. Apparatus for treating dental prosthetic parts with radiation. 4,538,070, 8-27-85, Cl. 250-504.00R.

Herold, Wolf-Dietrich: *See—*
Neumeister, Alexander; and Herold, Wolf-Dietrich, 4,560,352, Cl. 433-90.000.

Heron, Roger A.: *See—*
Fisher, Martin J.; Heron, Roger A.; and Hughes, Martin L., 4,495,799, Cl. 73-61.00R.

Heronemus, William E. Plate-pin panel heat exchanger and panel components therefor. 4,497,363, 2-5-85, Cl. 165-95.000.

Herpay, Andras: *See—*
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Herpers, Edmund-Theo: *See—*
Ritter, Horst; and Herpers, Edmund-Theo, 4,499,060, Cl. 423-232.000.

Herr, Charles H., Jr., to Caterpillar Tractor Co. High-low braked gear drive. 4,516,444, 5-14-85, Cl. 74-781.00R.

Herr, Diane E.; Suk, Laddie E.; and Winchell, David F., to AT&T Bell Laboratories. Method and apparatus for controlling a conference. 4,540,850, 9-10-85, Cl. 179-2.0DP.

Herr, Diane E.; Suk, Laddie E.; and Winchell, David F., to AT&T Bell Laboratories. Conference control transfer arrangement. 4,544,804, 10-1-85, Cl. 179-18.0BC.

Herr, Diane E.: *See—*
Bantel, Richard G.; and Herr, Diane E., 4,509,167, Cl. 370-62.000.

Herr, Herbert W.; Moon, Seaton; and Hopper, James E., to Deere & Company. Quick coupler latch. 4,549,744, 10-29-85, Cl. 280-415.00A.

Herr, James E., to Kerr Glass Manufacturing Corporation. Tamper-evident closure. 4,506,795, 3-26-85, Cl. 215-252.000.

Herr, James E., to Kerr Glass Manufacturing Corporation. Moisture tight closure and container. 4,526,281, 7-2-85, Cl. 215-211.000.

Herr, John A.; and Jaffe, Wolfgang, to Singer Company, The. Balanced armature winding for motors. 4,495,430, 1-22-85, Cl. 310-198.000.

Herr, Joseph H.: *See—*
Blossick, Raymond B.; Bortzfield, Frank M.; Brown, Kenneth E.; Herr, Joseph H.; and Rannels, Gerald L., 4,546,574, Cl. 51-170.00T.

Herr, R. Wilbur: *See—*
Strom, Alice M.; Herr, R. Wilbur; and Martin, Sylvia, 4,515,663, Cl. 204-44.200.

Herren, Thomas W., Jr. Moveable target assembly. 4,515,374, 5-7-85, Cl. 273-359.000.

Herren, Thomas W., Jr. Firing mechanism for projectiles. 4,526,105, 7-2-85, Cl. 102-498.000.

Herrera, Juan M.: *See—*
Roper, Brett E.; and Herrera, Juan M., 4,506,623, Cl. 114-256.000.

Herrero, Maria P.: *See—*
Van Heertum, John C.; and Herrero, Maria P., 4,531,967, Cl. 71-94.000.

Herriau, Jean-Pierre: *See—*
Huignard, Jean-Pierre; Herriau, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, 4,492,468, Cl. 356-347.000.

Herrick, Carlyle S., to General Electric Company. Reducing powder formation in the production of high-purity silicon. 4,559,219, 12-17-85, Cl. 423-350.000.

Herrick, Jerome N. Torque wrench. 4,541,309, 9-17-85, Cl. 81-57.460.

Herrick, Robert M. Tennis practice device. 4,531,734, 7-30-85, Cl. 273-29.00A.

Herrin, Melvin B.; and Chandler, Henry M., to Herrin, Melvin B. Apparatus and method for aligning and joining individual blanks. 4,549,878, 10-29-85, Cl. 493-334.000.

Herrin, Melvin B.: *See—*
Eldridge, Charles W., 4,518,379, Cl. 493-334.000.

Herrin, Thomas R.: *See—*
Flentge, Charles A.; and Herrin, Thomas R., 4,543,412, Cl. 544-229.000.
Voss, Houston F.; Plattner, Jacob; and Herrin, Thomas R., 4,550,163, Cl. 544-244.000.

Herring, Asa. Snap-on plastic cover for sun-damaged vinyl covered dashboard pads and method of making. 4,508,381, 4-2-85, Cl. 296-70.000.

Herring, James M., Jr.: *See—*
Dickhart, William W., III; Graziani, Dante J., Jr.; Herring, James M., Jr.; Pavlick, Michael J.; and Renn, Edward J., 4,555,095, Cl. 267-4.000.

Herring, Liles G., to Hercules Incorporated. Elastomeric insulating materials for rocket motors. 4,501,841, 2-26-85, Cl. 524-411.000.

Herring, Liles G., to Hercules Incorporated. Phenolic blast tube insulators for rocket motors. 4,504,532, 3-12-85, Cl. 428-36.000.

Herring, Liles G., to Hercules Incorporated. Elastomer insulation compositions for rocket motors. 4,507,165, 3-26-85, Cl. 156-191.000.

Herring, Robert B.: *See—*
Foster, Derrick W.; and Herring, Robert B., 4,548,159, Cl. 118-728.000.

Herring, Robert W. Lamp circuit apparatus. 4,527,095, 7-2-85, Cl. 315-65.000.

Herring, Thomas M., to Christy Firebrick Company. Method of installing furnace wall lining. 4,494,295, 1-22-85, Cl. 29-432.000.

Herring, Walter R., to Brockway, Inc. Stackable container. 4,524,883, 6-25-85, Cl. 220-462.000.

Herring, William P.; and Kostorz, Jan R., to Friedrich Grohe Armaturenfabrik GmbH & Co. Valve slide plate. 4,552,176, 11-12-85, Cl. 137-625.400.

Herring, William P.: *See—*
Pawelzik, Manfred; Herring, William P.; and Kostorz, Jan R., 4,535,814, Cl. 137-625.170.

Herring, William T., Sr. Animal feeder especially for feeding pigs and the like. 4,491,087, 1-1-85, Cl. 119-53.500.

Herrington, Allen G.; and Herrington, Nicholas L. Distributor moisture guard. 4,512,296, 4-23-85, Cl. 123-146.50R.

Herrington, F. John, to Mobil Oil Corporation. Air ring plenum with molded housing. 4,519,146, 5-28-85, Cl. 34-104.000.

Herrington, F. John, to Mobil Oil Corporation. Plastic bag with air exhaustion valve. 4,532,652, 7-30-85, Cl. 383-103.000.

Herrington, F. John: *See—*
Anderson, Thomas L.; and Herrington, F. John, 4,553,370, Cl. 53-117.000.
Grosz, Edward G.; and Herrington, F. John, 4,527,751, Cl. 242-75.510.

Herrington, F. John, Jr., to Mobil Oil Corporation. Plastic bag dispenser. 4,512,476, 4-23-85, Cl. 206-554.000.

Herrington, Fox J., to Mobil Oil Corporation. Plastic bags with releasable closure which resists opening from inside. 4,561,109, 12-24-85, Cl. 383-65.000.

Herrington, Fox J., Jr., to Mobil Oil Corporation. Bag transporter, folder and loader and method for operation. 4,513,559, 4-30-85, Cl. 53-429.000.

Herrington, Lawrence; and Avra, Raymond E., to MegaTape Corporation. High speed bidirectional magnetic tape transport with constant tension. 4,537,367, 8-27-85, Cl. 242-198.000.

Herrington, Maurice G., to Payen International Limited. Layered gasket with double eyelet construction. 4,531,750, 7-30-85, Cl. 277-235.00B.

Herrington, Nicholas L.: *See—*
Herrington, Allen G.; and Herrington, Nicholas L., 4,512,296, Cl. 123-146.50R.

Herrlander, Bo, to Flakt Aktiebolag. Absorption tower for gas washing. 4,514,196, 4-30-85, Cl. 55-223.000.

Herrmann, Anna: *See—*
Herrmann, Christian W., 4,537,559, Cl. 416-119.000.

Herrmann, Bodo; Bastel, Paul; and Bas, Selahattin, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method of hardfacing vertical walls. 4,539,460, 9-3-85, Cl. 219-73.210.

Herrmann, Christian W., to Herrmann, Christian W.; and Herrmann, Anna. Venturi rotor apparatus for the generation of power. 4,537,559, 8-27-85, Cl. 416-119.000.

Herrmann, Christoph: *See—*
Kampf, Wolfgang; and Herrmann, Christoph, 4,556,754, Cl. 585-664.000.

Herrmann, Gerhard: *See—*
Brandenstein, Manfred; Haas, Roland; Herrmann, Gerhard; and Hans, Rudiger, 4,557,708, Cl. 474-112.000.
Olschewski, Armin; Herrmann, Gerhard; and Bauer, Bernhard, 4,512,670, Cl. 384-147.000.
Olschewski, Armin; Herrmann, Gerhard; Bauer, Bernhard; and Zirk, Elisabeth, 4,512,672, Cl. 384-477.000.

Herrmann, Guenter: *See—*
Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,491,637, Cl. 502-66.000.
Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,543,427, Cl. 568-342.000.

Herrmann, Hans-Ulrich: *See—*
Burli, Martin; Bersier, Jacques; Plattner, Eric; and Herrmann, Hans-Ulrich, 4,559,176, Cl. 260-352.000.

Herrmann, Heinz, and Schlosser, Hans-Joachim, to Hoechst Aktiengesellschaft. Electrophotographic liquid developer for the reversal development of negatively-charged images. 4,497,886, 2-5-85, Cl. 430-115.000.

Herrmann, Heinz; and Schlosser, Hans-Joachim, to Hoechst Aktiengesellschaft. Liquid developer for developing electrostatic charge images and process for its preparation. 4,526,852, 7-2-85, Cl. 430-115.000.

- Herrmann, John E.: *See—*
  - Abram, Dinah; Armstrong, Alan S.; Herrmann, John E.; and Ling, Chung-Mei, 4,497,900, Cl. 436-511.000.
  - Armstrong, Alan S.; Herrmann, John E.; and Howard, Lawrence V., 4,497,899, Cl. 436-510.000.
- Herrmann, John J. Photographic enlargements. 4,497,571, 2-5-85, Cl. 355-40.000.
- Herrmann, John M.; and Voisin, Suzanne M., to Trilogy Computer Development Partners, Ltd. Wafer transfer device. 4,536,122, 8-20-85, Cl. 414-404.000.
- Herrmann, Klaus: *See—*
  - Jochemczyk, Claus; Kwiatkowski, Joachim; and Herrmann, Klaus, 4,538,927, Cl. 374-163.000.
- Herrmann, Manfred: *See—*
  - Barth, Hubert; Fritschi, Edgar; Ganser, Volker; Hartenstein, Johannes; Herrmann, Manfred; and Satzinger, Gerhard, 4,517,185, Cl. 514-232.000.
- Herrmann, Willy: *See—*
  - Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, 4,500,030, Cl. 228-125.000.
  - Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, 4,545,605, Cl. 285-189.000.
- Herrmann, Wolfgang; and Gebhardt, Uwe, to Warner-Lambert Company. Process for preparing microcrystalline isoxicam. 4,506,071, 3-19-85, Cl. 544-49.000.
- Herrmann, Wolfgang: *See—*
  - Berglin, Carl T.; and Herrmann, Wolfgang, 4,552,748, Cl. 423-588.000.
  - Franzen, Bengt G.; and Herrmann, Wolfgang, 4,503,028, Cl. 423-588.000.
- Herron, Charles R., to Baker International Corporation. Short displacement double acting vehicle suspension system. 4,520,734, 6-4-85, Cl. 105-157.00R.
- Herron, Claudia S.: *See—*
  - Herron, Robert G.; and Herron, Claudia S., 4,504,992, Cl. 5-507.000.
- Herron, Donn M.: *See—*
  - Davis, Ruth A.; Herron, Donn M.; Pervier, James W.; and Vines, Harvey L., 4,504,295, Cl. 62-30.000.
- Herron, John M.: *See—*
  - Gur, David; Herron, John M.; and Pedersen, Robert H., 4,535,780, Cl. 128-659.000.
- Herron, Lorne R., to Atlas Copco Aktiebolag. Method of rock bolting and rock bolt. 4,511,289, 4-16-85, Cl. 405-259.000.
- Herron, Matthew A., to Design Loft, Inc. Wheelchair operated by hand pedalled reciprocating motion. 4,560,181, 12-24-85, Cl. 280-242.0WC.
- Herron, Maynard M., to Hesston Corporation. Drift eliminator for series hydraulic lift system on tillage implements and the like. 4,506,898, 3-26-85, Cl. 280-43.230.
- Herron, Maynard M.: *See—*
  - Smith, David R.; and Herron, Maynard M., 4,520,878, Cl. 172-705.000.
- Herron, Robert G.; and Herron, Claudia S. Hospital bed telephone holder. 4,504,992, 3-19-85, Cl. 5-507.000.
- Herron, William L.; and Speckman, John D., to Singer Company, The. Bobbin case position plate adjustment mechanism. 4,527,494, 7-9-85, Cl. 112-231.000.
- Herronen, John R.: *See—*
  - Boile, Fred; Herronen, John R.; and Wright, Joseph M., 4,508,212, Cl. 198-781.000.
- Herschel Corporation: *See—*
  - Sorensen, Wayne E.; and Johnson, Larry E., 4,520,618, Cl. 56-310.000.
- Herschelman, Fredric A., to General Motors Corporation. Sealing arrangement. 4,492,384, 1-8-85, Cl. 277-237.00R.
- Herschler, Max G., to Owens-Corning Fiberglas Corporation. Method and apparatus for heating a mineral fiber forming spinner. 4,534,779, 8-13-85, Cl. 65-6.000.
- Herschler, Robert J. Dietary and pharmaceutical uses of methylsulfonylmethane and compositions comprising it. 4,514,421, 4-30-85, Cl. 514-711.000.
- Herschler, Robert J. Dietary and pharmaceutical uses of methyl-sulfonylmethane and compositions comprising it. 4,559,329, 12-17-85, Cl. 514-164.000.
- Herscovici, Harry, to Cordis Corporation. Biphasic cardiac pacer. 4,543,956, 10-1-85, Cl. 128-419.0PG.
- Hersham Valves Ltd.: *See—*
  - Harris, Victor A., 4,556,027, Cl. 12[illegible]-323.000.
- Hershberger, Bernard J.: *See—*
  - McCammon, Patrick R.; Blackburn, Louis W.; and Hershberger, Bernard J., 4,556,772, Cl. 219-10.55F.
- Hershberger, Charles L.; Radue, Anna K., and Rosteck, Paul R., Jr., to Eli Lilly and Company. Stabilizing and selecting recombinant DNA host cells. 4,506,013, 3-19-85, Cl. 435-172.300.
- Hershberger, Charles L.; and Rosteck, Paul R., Jr., to Eli Lilly and Company. Method for conferring bacteriophage resistance to bacteria. 4,530,904, 7-23-85, Cl. 435-172.300.
- Hershberger, Charles L.: *See—*
  - Boeck, LaVerne D.; Clem, Gladys M.; Hershberger, Charles L.; Anderson, Marie T.; and Michel, Karl H., 4,537,715, Cl. 260-112.50R.
- Hershberger, David L., to Harris Corporation. Stereo inhibitor for AM stereo receiver. 4,504,966, 3-12-85, Cl. 381-15.000.
- Hershberger, David L., to Harris Corporation. AM stereo modulator. 4,520,498, 5-28-85, Cl. 381-16.000.
- Hershberger, James B., to Goodyear Tire & Rubber Company, The. Tire mold. 4,547,139, 10-15-85, Cl. 425-28.00D.
- Hershenson, Fred M.: *See—*
  - Butler, Donald E.; Hershenson, Fred M.; and Pavia, Michael R., 4,525,476, Cl. 514-326.000.
  - Butler, Donald E.; Pavia, Michael R.; and Hershenson, Fred M., 4,530,929, Cl. 514-295.000.
- Hershey Foods Corporation: *See—*
  - Wong, Carl Y.; Khan, Mir N.; and Mihalik, John A., 4,545,997, Cl. 426-94.000.
- Hershey, Harold J.: *See—*
  - Baumhauer, John C., Jr.; Hershey, Harold J.; and Poteat, Tommy L., 4,533,795, Cl. 179-111.00E.
  - Brzezinski, Alex M.; Hershey, Harold J.; and Whitesell, Stephen R., 4,492,825, Cl. 179-111.00R.
- Hershey, Robert E., to Swiss Aluminium Ltd. Apparatus for degassing molten metal. 4,494,735, 1-22-85, Cl. 266-218.000.
- Hershfeld, Robert R., to Baltimore Spice Company, The. Apparatus for shower applying liquid smoke. 4,532,858, 8-6-85, Cl. 99-534.000.
- Hershkowitz, Eli: *See—*
  - Kosower, Edward M.; Pazhenchevsky, Barak; and Hershkowitz, Eli, 4,499,284, Cl. 548-359.000.
- Hershkowitz, Frank: *See—*
  - Rhodes, Richard P.; and Hershkowitz, Frank, 4,493,763, Cl. 208-11.00R.
- Herskowitz, Ira: *See—*
  - Kurjan, Janet; and Herskowitz, Ira, 4,546,082, Cl. 435-172.300.
- Herslow, Ernst H., to Nils Weibull AB. Apparatus for automatically and continuously withdrawing coal from a ship's bunker. 4,544,316, 10-1-85, Cl. 414-144.000.
- Hersom, Albert C.; Wright, Kenneth W.; and Brittain, John E., to Nestec S.A. Canning apparatus. 4,506,600, 3-26-85, Cl. 99-474.000.
- Herson, Mark I.: *See—*
  - Frey, Sydney W., Jr.; and Herson, Mark I., 4,535,386, Cl. 361-389.000.
- Herstein, Barry S.; and Mondini, Anthony J., to Buddy L Corporation. Toy vehicle with simulated headlights. 4,559,022, 12-17-85, Cl. 446-438.000.
- Herstein, Morris S., Smith, Walter P.; and Hawkins, Geoffrey R., to Richardson-Vicks Inc. Hair conditioning shampoo. 4,534,964, 8-13-85, Cl. 424-70.000.
- Herstek, Glen A.: *See—*
  - Hastings, Donald R.; Herstek, Glen A.; and Scarbrough, Don R., 4,543,710, Cl. 29-613.000.
- Hertanu, Herold T.: *See—*
  - Horowitz, Franklin B.; Pfeffer, Martin; and Hertanu, Herold T., 4,525,071, Cl. 366-152.000.
- Hertel, Larry W., to Eli Lilly and Company. Difluoro antivirals and intermediate therefor. 4,526,988, 7-2-85, Cl. 549-313.000.
- Hertel, Richard J., to Varian Associates, Inc. Wafer orientation system. 4,498,833, 2-12-85, Cl. 414-217.000.
- Hertel, Richard J., to International Telephone and Telegraph Corporation. Zoom focus and deflection assembly for electron discharge devices of the camera tube type. 4,527,846, 7-9-85, Cl. 315-382.000.
- Hertell, Siegfried; and Hager, Artur, to Barmag Barmer Maschinenfabrik AG. Seal for high pressure pump or the like. 4,515,512, 5-7-85, Cl. 418-1.000.
- Hertell, Siegfried: *See—*
  - Schippers, Heinz; Hertell, Siegfried; and Eich, Otwin, 4,523,901, Cl. 417-395.000.
- Herten, Ernst; and Eiringhaus, Eilhelm, to William Prym-Werke KG. Riveting press safety. 4,541,558, 9-17-85, Cl. 227-1.000.
- Herten, Joris F. A.; and Devroede, Emile M., to Allied Corporation. Temporary protective coating composition of ethylene and acrylic acid and a base. 4,540,736, 9-10-85, Cl. 524-556.000.
- Hertenstein, Ulrich; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, to Hoechst Aktiengesellschaft. 1,1-diaryl-2-azolylethanes and preparations containing these compounds. 4,536,509, 8-20-85, Cl. 514-383.000.
- Herter, Carl J. Method for preparing a low residual alloy steel charge from scrap metal. 4,517,016, 5-14-85, Cl. 75-28.000.
- Herter, Carl J. Method for preparing a low residual alloy steel charge from scrap metal. 4,518,423, 5-21-85, Cl. 75-64.000.
- Herter, Carl J. Method for preparing a steel charge from terneplate scrap metal. 4,547,227, 10-15-85, Cl. 134-7.000.
- Herter, Karl: *See—*
  - Braetsch, Hartmut; and Herter, Karl, 4,523,911, Cl. 433-101.000.
- Herter, Rolf: *See—*
  - Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.
- Herting, Rainer: *See—*
  - Grossmann, Horst; Herting, Rainer; and Kaiser, Horst, 4,559,857, Cl. 83-471.300.
- Hertler, Eberhard: *See—*
  - Enke, Kurt; Hespelt, Achim; Hertler, Eberhard; von der Ohe, Manfred; and Saftien, Udo, 4,561,640, Cl. 267-20.00A.
- Hertweck, Gernot: *See—*
  - Bender, Franz; Hertweck, Gernot; Grohn, Michael; and Moser, Peter, 4,495,[illegible]06, Cl. 123-188.0GC.
- Hertz, C. Hellmuth: *See—*
  - Hertz, Carl H., 4,535,741, Cl. 123-444.000.
- Hertz, Carl H., to Hertz, C. Hellmuth. Fuel metering method and device. 4,535,741, 8-20-85, Cl. 123-444.000.
- Hertz, Daniel L., Jr., to Smith International, Inc. Annular seal with V-cut. 4,524,981, 6-25-85, Cl. 277-210.000.

Hertz, Daniel L., Jr., to Seals Eastern Inc. Seal for aggressive environments. 4,524,982, 6-25-85, Cl. 277-229.000.

Hertz, Darryl W., to Standard Oil Company, The. Degasser-desurger unit. 4,518,403, 5-21-85, Cl. 55-194.000.

Hertz, Dominique: *See—*

Hintermann, Hans E.; and Hertz, Dominique, 4,556,098, Cl. 164-316.000.

Hertzenberg, Elliot P.: *See—*

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Hertzman, Mikael: *See—*

Wiklund, Klas R.; and Hertzman, Mikael, 4,560,270, Cl. 356-5.000.

Hertzog, Russel C.; and Nelligan, William B., to Schlumberger Technology Corporation. Method and apparatus for determining borehole and formation constituents. 4,507,554, 3-26-85, Cl. 250-270.000.

Herubel, Jean-Frederic, to N. Schlumberger & Cie. Automatic machine for splitting butchery animals, notably pigs. 4,507,822, 4-2-85, Cl. 17-23.000.

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Bavoux, Guy; and Dallaserra, Arthur B., 4,532,863, Cl. 101-153.000.

Herve, Jean-Jacques; Suglia, Jean-Claude; and Meinard, Colette, to Roussel Uclaf. Light-stable pesticidal compositions. 4,492,687, 1-8-85, Cl. 424-174.000.

Herve, Philippe, to Universite Paris. Processes for the remote measurement of the emissivity and/or the true temperature of a body with relatively smooth surface. 4,498,765, 2-12-85, Cl. 356-43.000.

Herweg, Arnulf. Method and apparatus for displaying one or more measurement values of arbitrary measurement variables on a screen. 4,536,707, 8-20-85, Cl. 324-121.00R.

Herweyer, Elliott E.: *See—*

Whyte, Lance; and Herweyer, Elliott E., 4,519,919, Cl. 210-695.000.

Herwig, Jens; Scheef, Hans-Volker; Schleppinghoff, Bernhard; and Lange, Peter M., to EC Erdolchemie GmbH; and Bayer Aktiengesellschaft. Process for the preparation of pure alkyl tert-alkyl ethers and hydrocarbon raffinates which are largely free from isoolefins and from alkanols. 4,504,688, 3-12-85, Cl. 568-697.000.

Herwig, Walter: *See—*

Geissler, Ulrich; Herwig, Walter; and Fetsch, Elisabeth, 4,495,271, Cl. 430-277.000.

Geissler, Ulrich; Herwig, Walter; and Sikora, Helga. 4,559,292, Cl. 430-256.000.

Herz, Claus: *See—*

Eichler, Jurgen; Herz, Claus; Neisius, Karl-Heinz; and Wehner, Gregor, 4,496,447, Cl. 204-159.160.

Herz, Claus P.; Ohngemach, Jorg; and Stahlecker, Otto, to Merck Patent Gesellschaft mit beschrankter Haftung. Use of hydroxyalkylphenones as initiators for radiation curing of aqueous prepolymer dispersions. 4,547,394, 10-15-85, Cl. 427-54.100.

Herz, Harold L.; Jobes, Sam S.; Jordan, John D.; Benfey, David P.; and Wheeler, William C., to General Electric Company. High voltage power supply. 4,531,181, 7-23-85, Cl. 363-21.000.

Herzan, Eugene H.: *See—*

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Herzan, Georg: *See—*

Heine, Heinrich; Herzan, Georg; and Kunkel, Fred, 4,522,388, Cl. 271-245.000.

Herzberg, Max; and Fish, Falk, to Orgenics Ltd. Modified sheet of material and method of making and using same in connection with biochemical procedures. 4,549,011, 10-22-85, Cl. 536-31.000.

Herzel, Joachim; Simeth, Claus; Mitze, Rudolf; and Ortner, Robert, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Mechanism for engaging, disengaging and adjusting applicator rollers with respect to the plate cylinder of printing machines. 4,503,771, 3-12-85, Cl. 101-247.000.

Herzenberg, Leonard A.: *See—*

Parks, David R.; Bryan, Virginia M.; and Herzenberg, Leonard A., 4,510,244, Cl. 435-172.200.

Herzer, Gerhard, to Erwin Sick GmbH Optik-Elektronik. Optical-electronic monitoring apparatus. 4,549,086, 10-22-85, Cl. 250-561.000.

Herzfeld, David: *See—*

Bowden, Wade R., Jr.; and Herzfeld, David, 4,505,403, Cl. 220-242.000.

Herzig, Peter, to BBC Brown, Boveri & Company, Limited. Switching arrangement for electrical installations. 4,562,359, 12-31-85, Cl. 307-113.000.

Herzing, Anthony G., to SCM Corporation. Hard butter savory coatings. 4,562,079, 12-31-85, Cl. 426-94.000.

Herzl, Peter J., to Fischer & Porter Company. Oscillatory flowmeter. 4,550,614, 11-5-85, Cl. 73-861.190.

Herzog, Heinz: *See—*

Gutermann, Alfons; Herzog, Heinz; Mohn, Heinrich; and Schulke, Karl A., 4,530,818, Cl. 422-240.000.

Herzog, Klaus; and Szenger, Franz, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Play-free anti-friction bearing construction. 4,509,871, 4-9-85, Cl. 384-502.000.

Herzog, Klaus; Szenger, Franz; and Gentner, Gabriele, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Tailstock for rotatably mounting a workpiece in precision machinery. 4,520,700, 6-4-85, Cl. 82-31.000.

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Herzog, Klaus: *See—*

Werner, Walter; Herzog, Klaus; and Szenger, Franz, 4,523,382, Cl. 33-169.00R.

Herzog, Kurt: *See—*

Kattner, Erich; and Herzog, Kurt, 4,504,845, Cl. 346-140.00R.

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Rock, Siegfried; Rainer, Hans-Peter; Herzog, Reinhold; Wertitsch, Werner; Kromus, Gunter; and Kolbl, Fritz, 4,558,638, Cl. 98-88.100.

Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, to Daimler-Benz Aktiengesellschaft. Adjustable servo-controlled outside rear view mirror. 4,502,759, 3-5-85, Cl. 350-636.000.

Herzog, Siegfried: *See—*

Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, 4,511,214, Cl. 350-632.000.

Herzog, Walter: *See—*

Chmela, Franz; Herzog, Walter; and Meier, Richard, 4,492,194, Cl. 123-276.000.

Hesch, Harold E.; and Przybylinski, Phillip G., to Pullman Standard, Inc. Multiplanar support beam for hitch pivot mount. 4,557,647, 12-10-85, Cl. 410-58.000.

Heseltine, Mark J., to Westland plc. Carbon fibre structures. 4,507,341, 3-26-85, Cl. 428-78.000.

Hesener, Walter: *See—*

Weick, Heinz H.; Hesener, Walter; and Wattinger, Rolf, 4,553,665, Cl. 206-37.000.

Hesford, Frank W.; Lampe, Jerome L.; and Szekely, Paul, to Cincinnati Milacron Inc. Control for radiant heating. 4,506,144, 3-19-85, Cl. 219-497.000.

Hesh, Frank; and Groh, Edward F. Lightweight chuck for woodturning lathe. 4,534,574, 8-13-85, Cl. 279-112.000.

Heshmat, Hooshang, to Reliance Electric Company. Bearing lubrication device. 4,531,845, 7-30-85, Cl. 384-406.000.

Hesketh, Bernard; and Pumphrey, Nicholas W. J., to Imperial Chemical Industries PLC. Electrode for electrochemical processes. 4,514,274, 4-30-85, Cl. 204-290.00F.

Heskins, Michael: *See—*

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Heslin, K. B. Intraocular lens construction. 4,527,294, 7-9-85, Cl. 623-6.000.

Hespelt, Achim: *See—*

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Hesprich, Donald N.; and Ware, William P., to Thomas Industries, Inc. Roll of wound conduit tubing with prethreaded pull line. 4,529,148, 7-16-85, Cl. 242-159.000.

Hess, Cecil, to Spectron Development Laboratories, Inc. Dual beam maximum intensity laser sizing system. 4,537,507, 8-27-85, Cl. 356-336.000.

Hess, Dale N., to International Telephone and Telegraph Corporation. Supporting apparatus for pipelines systems. 4,560,125, 12-24-85, Cl. 248-55.000.

Hess, Dean; and Hess, Karen. Deep water fishing lure. 4,495,722, 1-29-85, Cl. 43-42.390.

Hess, Dennis R.; and Antilla, Arthur, to Henkel Corporation. Slag briquette. 4,518,432, 5-21-85, Cl. 106-117.000.

Hess, Dieter; and Langenbacher, Helmut, to Werner & Pfleiderer. Method and apparatus for drying moisture-laden powder-like products, particularly of starches and flours. 4,525,934, 7-2-85, Cl. 34-10.000.

Hess, Edward C.; and Trevino, Edward, to General Motors Corporation. Robotic assembly of vehicle headliners. 4,553,309, 11-19-85, Cl. 29-450.000.

Hess, Fritz; and Dalliard, Fernand, to Ateliers de Constructions Mecaniques de Vevey S.A. Articulated railway vehicle. 4,535,702, 8-20-85, Cl. 105-4.00R.

Hess, Grant F., to National Gypsum Company. Plastic siding sample case. 4,524,852, 6-25-85, Cl. 190-16.000.

Hess, Heinrich; Grogler, Gerhard; and Kopp, Richard, to Bayer Aktiengesellschaft. Polyurethanes and polyurethane-ureas based on aromatic uret dione diamine adducts. 4,520,186, 5-28-85, Cl. 528-73.000.

Hess, Heinrich: *See—*

Grogler, Gerhard; Hess, Heinrich; and Kopp, Richard, 4,546,165, Cl. 528-53.000.

Hess, Heinz: *See—*

Hausdorfer, Michael; and Hess, Heinz, 4,496,966, Cl. 358-22.000.

Hess, Herman A. Separable fastener. 4,502,192, 3-5-85, Cl. 24-590.000.

Hess, Herman A. Earring fastener. 4,517,816, 5-21-85, Cl. 63-12.000.

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Hess, Hildegard: *See—*

Ehrlich, Joseph R.; and Hess, Hildegard, 4,497,842, Cl. 426-592.000.

Hess, Joachim. Low power electrical heating device. 4,558,209, 12-10-85, Cl. 219-530.000.

Hess, John E., II, to Conservolite, Inc. Electrical control system and driver. 4,507,569, 3-26-85, Cl. 307-130.000.

Hess, Karen: *See—*

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- Hess, Lloyd D., Jr.: *See—*
  - Patterson, Dennis B.; Parker, Dane K.; and Hess, Lloyd D., Jr., 4,521,574, Cl. 526-204.000.
- Hess, Peter; Schulz, Volkmar; and Rampel, Hans, to Metallwerk Max Brose GmbH & Co. Fastening arrangement for a motor vehicle seat including a seat adjusting device. 4,534,534, 8-13-85, Cl. 248-424.000.
- Hess, Roger M.: *See—*
  - Ferris, Richard A.; Hess, Roger M.; and Garman, James R., 4,497,261, Cl. 109-2.000.
- Hess, Susan V.: *See—*
  - Plante, Stuart E.; and Hess, Susan V., 4,517,025, Cl. 134-38.000.
- Hessberger, Gerhard: *See—*
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- Hesse, Anton: *See—*
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  - Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, 4,560,708, Cl. 521-137.000.
- Hesse, David L., to Allied Corporation. Retaining clip for holding a connector to a panel. 4,509,813, 4-9-85, Cl. 339-91.00R.
- Hesse, Ferdinand: *See—*
  - Osberghaus, Reiner; Scheller, Bernfried; Kresse, Franz; Hesse, Ferdinand; and Schunter, Roland, 4,528,717, Cl. 15-261.000.
- Hesse, Hans, to Krauss-Maffei Aktiengesellschaft. Rotary shock absorber. 4,503,952, 3-12-85, Cl. 188-306.000.
- Hesse, Kurt; and Engel, Hartmut. Light fixture. 4,525,773, 6-25-85, Cl. 362-413.000.
- Hesse, Myron C. Fine-droplets sprayer system for terrain vehicular use. 4,516,723, 5-14-85, Cl. 239-77.000.
- Hesse, Norbert: *See—*
  - Breuer, Oswald; Hesse, Norbert; and Steinkuhl, Bernd, 4,548,444, Cl. 299-34.000.
  - Merten, Gerhard; Breuer, Oswald; Hesse, Norbert; and Steinkuhl, Bernd, 4,557,525, Cl. 299-93.000.
  - Schlusener, Horst; and Hesse, Norbert, 4,492,410, Cl. 299-43.000.
- Hesse, Reiner: *See—*
  - Schorcht, Adelbrecht; Klingenfeld, Dietmar; Hesse, Reiner; Dastis, Rainer; and Linz, Volker, 4,496,970, Cl. 358-101.000.
- Hesse, Robert H., to Research Institute for Medicine and Chemistry Inc. Process for the preparation of 1-hydroxylated vitamin D compounds. 4,554,105, 11-19-85, Cl. 260-397.200.
- Hesse, Rolf: *See—*
  - Barin, Ihsan; Gamroth, Michael; Hesse, Rolf; and Wirosoedirdio, Soegianto, 4,497,780, Cl. 423-88.000.
- Hesse, Theodor; and Barkmeyer, Hans, to Engelbrecht & Lemmerbrock GmbH & Co. Pneumatic suction devices for discharging granulates. 4,511,292, 4-16-85, Cl. 406-152.000.
- Hesse, Wolfgang; Sattelmeyer, Richard; and Schunck, Erich, to Hoechst Aktiengesellschaft. Contact adhesives. 4,507,419, 3-26-85, Cl. 524-327.000.
- Hesse, Wolfgang: *See—*
  - Nonnenmann, Manfred; Hesse, Wolfgang; Haller, Klaus; and Bardong, Helmut, 4,519,120, Cl. 29-157.00R.
- Hessel, Heinz; and Plester, Karl Heinz, to Gewerkschaft Eisenhutte Westfalia. Telescopic support props for mineral mining. 4,523,512, 6-18-85, Cl. 91-168.000.
- Hessel, Heinz: *See—*
  - Plester, Karl-Heinz; Reddig, Klaus-Dieter; and Hessel, Heinz, 4,549,469, Cl. 92-5.00R.
- Hessel, William; Niemeyer, Wayne D.; Misra, Surya K.; and Openchowski, Richard A. Method of forming seamless drawn and ironed containers of aluminum stock. 4,506,533, 3-26-85, Cl. 72-42.000.
- Hesselberg, Johnny: *See—*
  - Hexamer, Donald L.; Spence, Randy D.; and Hesselberg, Johnny, 4,498,047, Cl. 324-158.00F.
- Hesselberth, Robert J.; Donaher, Thomas P.; and Sandahl, Joel E., to Spectracom Corp. Disciplined oscillator system with frequency control and accumulated time control. 4,525,685, 6-25-85, Cl. 331-10.000.
- Hesselbrock, Bernd: *See—*
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- Hesselmann, Theo: *See—*
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- Hessen, Thomas A.: *See—*
  - Lasewski, Stanislaus J.; Hessen, Thomas A.; Hardy, Thomas R.; and Gilvin, Allie F., 4,552,600, Cl. 156-73.100.
- Hessler, Richard O., to Thiokol Corporation. Dynamic pressure comparator. 4,506,539, 3-26-85, Cl. 73-4.00R.
- Hessler, William D.: *See—*
  - Casilli, Joseph C.; Gibson, Lawrence; and Hessler, William D., 4,494,574, Cl. 137-625.600.
- Hessling, Heinz W.; and Weykam, Gottfried, to Weykam, Gottfried. Turning device. 4,494,645, 1-22-85, Cl. 198-414.000.
- Hessling, Heinz W.; and Weykam, Gottfried J., to Weykam, Gottfried J. Lifting device for a magazine for empty pallets in an automatic palletizing machine. 4,508,483, 4-2-85, Cl. 414-127.000.
- Hesston Corporation: *See—*
  - Esau, Edward W., 4,549,482, Cl. 100-191.000.
  - Goertz, Arnold E.; and Guinn, Ronald K., 4,500,042, Cl. 241-238.000.
  - Herron, Maynard M., 4,506,898, Cl. 280-43.230.
  - Hill, Amos G.; and Wiens, Arlen J., 4,493,601, Cl. 414-491.000.
  - Hill, Amos G.; and Garrison, Harold K., 4,494,904, Cl. 414-491.000.
  - Hill, Amos G., 4,516,903, Cl. 414-491.000.
  - Johnson, John F.; Buller, Richard J.; and Guinn, Ronald K., 4,503,643, Cl. 51-247.000.
  - O'Halloran, Michael L., 4,553,380, Cl. 56-305.000.
  - Ratzlaff, Howard J., 4,524,574, Cl. 56-341.000.
  - Smith, David R., 4,512,416, Cl. 172-776.000.
  - Smith, David R.; and Herron, Maynard M., 4,520,878, Cl. 172-705.000.
- Hestair Kiddicraft Limited: *See—*
  - Emms, Norman R., 4,515,572, Cl. 446-153.000.
- Hestehave, Borge; and Hestehave, Kjeld, to Bomatic, Inc. Blow molded container and supplemental handle therefor. 4,541,529, 9-17-85, Cl. 206-510.000.
- Hestehave, Borge; and Hestehave, Kjeld, to Bomatic, Inc. Adaptor assembly for Jerry cans and storage drums. 4,548,344, 10-22-85, Cl. 222-464.000.
- Hestehave, Kjeld: *See—*
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  - Hestehave, Borge; and Hestehave, Kjeld, 4,548,344, Cl. 222-464.000.
- Hester, Benny L.; and Fleming, William F., III, to R. J. Reynolds Tobacco Company. Apparatus and method for measuring permeability of a moving web. 4,495,796, 1-29-85, Cl. 73-38.000.
- Hester, Benny L.; and Graves, William H., Jr., to R. J. Reynolds Tobacco Company. Package leak tester. 4,539,836, 9-10-85, Cl. 73-49.300.
- Hester, Jackson B., Jr.; and Ludens, James H., to Upjohn Company, The. 1-ethanamine-triazolo-benzodiazepines as diuretics. 4,514,407, 4-30-85, Cl. 514-220.000.
- Hester, Jackson B., Jr., to Upjohn Company, The. 2,4-dihydro-2(omega-aminoalkyl)-1H-[1,2,4]triazolo[3,4-c]benzoxazin-1-one antiallergy drug compounds, compositions and use. 4,547,499, 10-15-85, Cl. 514-235.000.
- Hester, Lawrence R., II, to Halliburton Company. Steam generator cleaning apparatus control system. 4,527,515, 7-9-85, Cl. 122-392.000.
- Hester, Robert W. Decoying calculator. 4,516,013, 5-7-85, Cl. 235-78.00R.
- Hester, Troy L.; Thompson, Steven J.; and Long, James R., to United States of America, Army. Dynamic alignment fixture. 4,547,974, 10-22-85, Cl. 33-537.000.
- Hesterberg, Eugen, to B.A.T. Cigaretten-Fabriken GmbH. Method and apparatus for attaching a token to a container. 4,557,101, 12-10-85, Cl. 53-50.000.
- Hestex Systems b.v.: *See—*
  - Sterl, Rudolf, 4,549,832, Cl. 403-264.000.
- Hetemaa, Kalevi: *See—*
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- Heterene Chemical Company, Inc.: *See—*
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- Heth, Edwin M.: *See—*
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- Hetherington, Jack C., to AT&T Technologies, Inc. Methods of and apparatus for applying a sheet to a rigid board. 4,491,492, 1-1-85, Cl. 156-212.000.
- Hetherington, Robert D.: *See—*
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- Hetico, Rolf R.: *See—*
  - Hauser, Ambrose A.; Hetico, Rolf R.; and Wakeman, Thomas G., 4,513,975, Cl. 277-22.000.
- Hetland, Timothy A.: *See—*
  - Ballarini, John A.; and Hetland, Timothy A., 4,545,867, Cl. 204-33.000.
- Hetrick, Robert E., to Ford Motor Company. Electrochemical photocatalytic structure. 4,544,470, 10-1-85, Cl. 204-248.000.
- Hettche, Albert: *See—*
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  - Greif, Norbert; Oppenlaender, Knut; Hettche, Albert; and Vamvakaris, Christos, 4,496,439, Cl. 204-55.00R.
- Hettel, Hans: *See—*
  - Haas, Peter; and Hettel, Hans, 4,493,909, Cl. 521-166.000.
  - Muller, Hanns P.; Hettel, Hans; Wagner, Kuno; and Vogtel, Peter, 4,546,116, Cl. 521-106.000.
- Hetterich, Hermann: *See—*
  - Olschewski, Armin; Hetterich, Hermann; Horling, Peter; and Beyfuss, Berthold, 4,522,514, Cl. 384-569.000.
- Hettich, Gerhard: *See—*
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- Hettick, Edward K., Jr. Weight lifting apparatus. 4,529,198, 7-16-85, Cl. 272-123.000.
- Hettiger, James, to RCA Corporation. Trilevel sandcastle pulse encoding/decoding system. 4,549,202, 10-22-85, Cl. 358-17.000.
- Hettiger, James, to RCA Corporation. Trilevel sandcastle pulse encoder. 4,558,355, 12-10-85, Cl. 358-74.000.
- Hettiger, James: *See—*
  - Murphy, Wesley W., III; and Hettiger, James, 4,517,602, Cl. 358-198.000.
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Droescher, Michael; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, 4,550,148, Cl. 525-440.000.

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Heverly, Karen H. Electrical outlet safety fixture. 4,531,794, 7-30-85, Cl. 339-39.000.

Hevey, Richard C., to Centocor, Inc. Diagnostic test bead transfer apparatus. 4,510,119, 4-9-85, Cl. 422-71.000.

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Hewins, Doris J. Motor driven mini-wringer. 4,554,806, 11-26-85, Cl. 68-257.000.

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Hewitt, Edward G.; and Pasquale, William D., to New England Mfg. Co. Envelope. 4,555,026, 11-26-85, Cl. 206-521.000.

Hewitt, Fred G.: *See—*

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Hewitt, Lawrence B.: *See—*

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Hewitt, Mary J.; and Morse, Arthur L., to Hughes Aircraft Company. Low noise charge coupled imager circuit. 4,523,326, 6-11-85, Cl. 377-58.000.

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- Hewlett, Colin, to Halcon SD Group, Inc., The. Preparation of carboxylic acid anhydrides. 4,559,183, 12-17-85, Cl. 260-546.000.
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  - Allen, Ross R., 4,542,389, Cl. 346-140.00R.
  - Allen, Ross R.; and Allen, Daniel E., 4,550,326, Cl. 346-140.00R.
  - Bartlett, Keith G.; and Caolo, Mary A., 4,508,591, Cl. 156-659.100.
  - Barton, Donald L., 4,545,852, Cl. 156-643.000.
  - Beebe, Richard P., 4,499,548, Cl. 364-575.000.
  - Berger, Terry A., 4,496,454, Cl. 204-402.000.
  - Boyden, James H., 4,528,574, Cl. 346-140.00R.
  - Bradbury, Donald R.; Tsao, Chi-Wing; and Kamins, Theodore I., 4,522,662, Cl. 148-175.000.
  - Buck, Roy T.; Cloutier, Frank L.; Erni, R. Ernst; Low, Robert N.; and Terry, F. Duncan, 4,500,895, Cl. 346-140.00R.
  - Casciani, James R., 4,508,965, Cl. 250-231.0SE.
  - Chen, Devereaux C.; and Fu, Horng-Sen, 4,535,528, Cl. 29-571.000.
  - Chu, David C.; and Ward, Michael J., 4,519,091, Cl. 377-44.000.
  - Cloutier, Frank L.; Low, Robert N.; McClelland, Paul H.; and Nielsen, Niels J., 4,528,577, Cl. 346-140.00R.
  - DaSilva, Marcus K.; Whipple, David P.; and Temple, Robert E., 4,546,331, Cl. 332-19.000.
  - Drowley, Clifford I., 4,545,823, Cl. 148-1.500.
  - Eatock, Fred L., 4,504,797, Cl. 330-293.000.
  - Evel, Eddie A.; Landgraf, Robert M.; Fischer, Walter A.; and Risley, William B., 4,529,930, Cl. 324-77.00A.
  - Georg, Dennis D.; and Osecky, Benjamin D., 4,511,964, Cl. 364-200.000.
  - Gordon, Gary B.; Joy, Robert; and Lee, Michael J., 4,496,886, Cl. 318-254.000.
  - Guckenheimer, Peter U., 4,500,758, Cl. 200-5.00A.
  - Gysling, Peter, 4,550,623, Cl. 74-89.200.
  - Gysling, Peter; and Vossoughi, Sohrab, 4,559,031, Cl. 493-410.000.
  - Haag, George A.; Fogg, O. Douglas; Greenley, Gordon A.; Shepard, Steve A.; and Terry, F. Duncan, 4,495,599, Cl. 364-900.000.
  - Haman, Daniel J., 4,504,779, Cl. 323-349.000.
  - Hanson, Eric G.; Hiskes, Ronald; and Schantz, Christopher A., 4,512,629, Cl. 350-96.300.
  - Hiller, Donald R.; and Kingsford-Smith, Charles, 4,550,309, Cl. 340-347.0AD.
  - Huijer, Ernst, 4,528,529, Cl. 333-219.000.
  - Jackson, Bruce J.; Simmons, Ralph F.; and Covault, Mike L., 4,555,740, Cl. 360-113.000.
  - Kamins, Theodore I.; Bradbury, Donald R.; and Drowley, Clifford I., 4,507,158, Cl. 148-175.000.
  - Low, Robert N.; Cloutier, Frank L.; and Siewell, Gary, 4,509,062, Cl. 346-140.00R.
  - Maeda, Koichi; and Ito, Haruo, 4,544,879, Cl. 324-57.00R.
  - Merrick, Edwin B., 4,546,651, Cl. 73-701.000.
  - Meyer, John D., 4,514,741, Cl. 346-140.00R.
  - Murphy, John B., 4,501,300, Cl. 138-46.000.
  - Neukermans, Armand P., 4,494,036, Cl. 313-420.000.
  - Nygaard, Richard A., Jr.; and Palmer, Fredrick J., 4,554,632, Cl. 364-300.000.
  - Poole, John S.; Gere, Dennis R.; Bell, Raymond J.; and Nickerson, Mark A., 4,500,432, Cl. 210-659.000.
  - Quimby, Bruce D., 4,517,824, Cl. 73-23.000.
  - Rankin, Glenn H.; and Levie, Harold W., 4,502,060, Cl. 346-140.00R.
  - Roland, James P., 4,514,252, Cl. 156-643.000.
  - Scheu, Friedrich, 4,513,298, Cl. 346-140.00R.
  - Spangler, Richard M.; Burmeister, Eugene V.; Cada, Frank E.; Christopher, Chris J.; Covington, Wayne F.; Judd, Myles A.; Wenninger, Freddie W.; Watson, Robert E.; and Simcoe, Kent W., 4,546,448, Cl. 364-900.000.
  - Stiggelbout, William A., 4,551,914, Cl. 29-837.000.
  - Tacklind, Christopher A., 4,503,444, Cl. 346-140.00R.
  - Tullis, Barclay J.; Parikh, Mihir; Thrasher, David L.; and Johnston, Mark E., 4,532,970, Cl. 141-98.000.
  - Tullis, Barclay J., 4,534,389, Cl. 141-98.000.
  - Vaught, John L., 4,494,128, Cl. 346-140.00R.
  - Vincent, Kent D., 4,499,382, Cl. 250-493.100.
  - Wadley, Donald K.; and Gordon, Philip, 4,548,134, Cl. 101-93.040.
  - Walsh, Thomas A., 4,518,114, Cl. 228-180.100.
  - Wang, Faa-Ching, 4,525,239, Cl. 156-645.000.
  - Ware, Frederick A., 4,495,593, Cl. 364-757.000.
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  - Wright, Conrad L.; Bearrs, James G.; Chan, C. S.; Hay, Robert R.; and Ura, Frank, 4,535,343, Cl. 346-140.00R.
  - You, Young S., 4,555,062, Cl. 239-690.000.
  - Zellmer, Joel A., 4,495,642, Cl. 382-1.000.
- Hewlett-Packard GmbH: *See—*
  - Traub, Stefan, 4,528,499, Cl. 324-62.000.
- Hewlitt, Robert W.; Ruff, James H.; and Haight, Aubrey E., to Deere & Company. Load carrying assembly for an internal combustion engine. 4,506,645, 3-26-85, Cl. 123-470.000.
- Hewson, Gordon, to General Foods Inc. Apparatus and method for flattening a pouch. 4,492,069, 1-8-85, Cl. 53-436.000.
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- Hexcel Corporation: *See—*
  - Fell, Barry M.; and Ciriscioli, Peter R., 4,522,673, Cl. 156-307.300.
  - Lee, Frank W. C.; and Baron, Kenneth S., 4,533,715, Cl. 528-45.000.
- Heybourn, Frank: *See—*
  - Applegate, Barry G.; Carter, David C. M.; and Heybourn, Frank, 4,560,057, Cl. 198-347.000.
- Heyde, John B.: *See—*
  - Dougherty, Emery W.; Heyde, John B.; Bennett, Richard J.; Smith, Roy L.; Tateosian, Louis H.; and Eden, George T., 4,514,174, Cl. 433-226.000.
- Heydlauff, Bruce M.: *See—*
  - Hoover, Mervyn C., Jr.; and Heydlauff, Bruce M., 4,507,661, Cl. 343-351.000.
- Heye, Hermann: *See—*
  - Schneider, Wilhelm; and Seidel, Hans-Georg, 4,528,018, Cl. 65-260.000.
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- Heyer, Hal B. Vascular puncture dressing. 4,534,762, 8-13-85, Cl. 604-180.000.
- Heyes, Graham: *See—*
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- Heyke, Klaus, to Robert Bosch GmbH. Distributorless ignition system for multi-cylinder internal combustion engine with misfire suppression. 4,556,040, 12-3-85, Cl. 123-643.000.
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- Heyl, Walter; and Loffler, Thomas, to Linde Aktiengesellschaft. Axial piston machine having adjustable hydrostatically supported swashplate. 4,543,876, 10-1-85, Cl. 91-506.000.
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- Heym, Manfred: *See—*
  - Tesch, Helmut; Henne, Andreas; Heym, Manfred; and Stutz, Herbert, 4,559,398, Cl. 528-94.000.
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  - Grace, Oscar M.; Wujcik, Steven E.; and Heyman, Duane A., 4,522,976, Cl. 524-722.000.
- Heyman, Joseph S.; and Brandenburger, Gary H., to United States of America, National Aeronautics and Space Administration. Method for thermal monitoring subcutaneous tissue. 4,513,750, 4-30-85, Cl. 128-660.000.
- Heyman Manufacturing Co.: *See—*
  - Fink, Richard R., 4,528,750, Cl. 29-878.000.
- Heymann, Mark S.; and Bachenheimer, Steven. Devices for securing a debris holding tray to a glass or dish rack. 4,527,707, 7-9-85, Cl. 220-1.00R.
- Heymer, Gero: *See—*
  - Gradl, Reinhard; Stephan, Hans-Werner; Heymer, Gero; and Schimmel, Gunther, 4,540,558, Cl. 423-321.00R.
  - Jodden, Klaus; Heymer, Gero; and Stephan, Hans-Werner, 4,517,163, Cl. 423-75.000.
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  - Wolter, Manfred; Dorn, Friedrich-Wilhelm; Heymer, Gero; and Stephan, Hans-Werner, 4,530,769, Cl. 210-769.000.
- Heymes, Alain: *See—*
  - Chekroun, Isaac; and Heymes, Alain, 4,493,931, Cl. 546-329.000.
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- Heyne, Carl J., to Westinghouse Electric Corp. Electromagnetic launcher with powder driven projectile insertion. 4,555,972, 12-3-85, Cl. 89-8.000.
- Heyne, John A.; and Chamness, Leland D., to Oximetrix, Inc. I.V. pump cassette. 4,557,725, 12-10-85, Cl. 604-67.000.
- Heyneman, Guido: *See—*
  - Vanhumbeeck, Jacky; Danneels, Laurent; De Steur, Hubert; and Heyneman, Guido, 4,545,957, Cl. 422-81.000.
- Heynisch, Hinrich, to Siemens Aktiengesellschaft. Method of removing distortions in amplifiers. 4,529,945, 7-16-85, Cl. 330-149.000.
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- Heyraud, Marc, to Portescap. Self-supporting rotor coil for dc-machine. 4,543,507, 9-24-85, Cl. 310-266.000.
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- Heyse, Klaus: *See—*
  - Hutschenreuter, Elfriede; Andrae, Klaus; and Heyse, Klaus, 4,528,225, Cl. 428-36.000.
- Heywang, Gerhard; Kuhle, Engelbert; Behrenz, Wolfgang; Hammann, Ingeborg; and Homeyer, Bernhard, to Bayer Aktiengesellschaft.

- Combating pests with aryl N-oxalyl-N-methyl-carbamates. 4,507,292, 3-26-85, Cl. 514-183.000.
- Heywang, Hermann: *See—*
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  - Cogswell, Frederic N.; and Hezzell, David J., 4,549,920, Cl. 156-181.000.
  - Cogswell, Frederic N.; Hezzell, David J.; and Williams, Peter J., 4,559,262, Cl. 428-294.000.
- HGM, Inc.: *See—*
  - Horne, Kenneth J., 4,519,390, Cl. 128-303.100.
  - Tanner, Howard M. C., 4,517,974, Cl. 128-303.100.
  - Tanner, Howard M. C., 4,526,170, Cl. 128-303.100.
  - Tanner, Howard M. C., 4,537,193, Cl. 128-303.100.
  - Tanner, Howard M. C., 4,549,787, Cl. 350-315.000.
- Hi-Lite Polishing Machine Co. Inc.: *See—*
  - Dreiling, Peter M., 4,546,576, Cl. 51-372.000.
- Hi-Shear Corporation: *See—*
  - Bochman, Harry L., Jr., 4,539,872, Cl. 81-57.370.
  - Olander, Donald E.; and Hyyppa, Juho (said Donald E. Olander assors. to), 4,560,425, Cl. 149-19.910.
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- Hi-Stat Manufacturing Company, Inc.: *See—*
  - Hire, Charles J., 4,551,702, Cl. 337-347.000.
- Hi-Tech Engineering, Inc.: *See—*
  - Huiber, Otto A., 4,536,134, Cl. 417-360.000.
- Hiatt, David M., to Esco Corporation. Sprocket assembly with replaceable teeth. 4,522,611, 6-11-85, Cl. 474-162.000.
- Hiatt, Norman A.: *See—*
  - Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.
  - Margerum, Edward S.; and Hiatt, Norman A., 4,511,602, Cl. 427-148.000.
- Hiatt, Robert B.: *See—*
  - Goodman, Irving; and Hiatt, Robert B., 4,552,764, Cl. 514-2.000.
- Hiatt, Sidney A., to Leggett & Platt, Incorporated. Combination round coil spring and rectangular torsion coil spring assembly. 4,555,097, 11-26-85, Cl. 267-100.000.
- Hibar Systems Limited: *See—*
  - Barall, Heinz, 4,545,507, Cl. 222-137.000.
  - Barall, Heinz, 4,551,072, Cl. 417-318.000.
- Hibbard, George A.; and Morrison, Ward D., to Consolidated Technologies Corporation. Hammer. 4,550,785, 11-5-85, Cl. 173-134.000.
- Hibbel, Josef; Gerhardus, Ulrich; Schmidt, Volkmar; Lieder, Bernhard; Scheve, Heinrich; and Zerres, Erwin, to Ruhrchemie Aktiengesellschaft. Process and device for the discharge of ash-containing fuel residues. 4,541,840, 9-17-85, Cl. 48-63.000.
- Hibbel, Josef: *See—*
  - Cornils, Boy; Hibbel, Josef; Lieder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner, 4,523,036, Cl. 568-454.000.
  - Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm, 4,533,755, Cl. 568-454.000.
- Hibben, Gilbert W. Folding throwing knife. 4,502,219, 3-5-85, Cl. 30-153.000.
- Hibbs, David A.; Rickey, Wynn P.; and Stanton, Paul N., to Exxon Production Research Co. Coded fluid control system. 4,549,578, 10-29-85, Cl. 137-624.110.
- Hibbs, Walter G. Automatic toilet seat lowering apparatus. 4,551,866, 11-12-85, Cl. 4-251.000.
- Hibi, Hitoshi, to Sharp Kabushiki Kaisha. Auto brightness limiter circuit for television. 4,520,397, 5-28-85, Cl. 358-168.000.
- Hibi, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Position discrimination device for a thumb wheel switch. 4,502,050, 2-26-85, Cl. 340-870.010.
- Hibi, Tsuneo: *See—*
  - Yamauchi, Toshiaki; Hibi, Tsuneo; Sasano, Kiyomi; and Hayashi, Yoshiki, 4,516,331, Cl. 34-77.000.
- Hibi, Yasumori; and Matsuura, Hideo, to Fujitsu Limited. Magnetic disc device. 4,527,273, 7-2-85, Cl. 371-38.000.
- Hibino, Akira: *See—*
  - Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,510,233, Cl. 430-527.000.
  - Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,518,354, Cl. 430-527.000.
- Hibino, Kunio: *See—*
  - Suzuki, Takashi; Hibino, Kunio; Murai, Mikio; Kawase, Shigeki; and Shinohara, Koichi, 4,540,618, Cl. 428-141.000.
- Hibino, Noburo: *See—*
  - Kasuga, Akira; Hibino, Noburo; and Miyatsuka, Hajime, 4,496,626, Cl. 428-336.000.
- Hibino, Sadanobu, to Jidosha Kiki Co., Ltd. Power servo booster. 4,495,854, 1-29-85, Cl. 91-438.000.
- Hibino, Takashi; Naruse, Nobutaka; and Yoshida, Kazuhiro, to Hoshizaki Electric Co., Ltd. Ice making machine. 4,505,130, 3-19-85, Cl. 62-347.000.
- Hibino, Yoshitaka; and Ozaki, Syunzaburo, to Honda Giken Kogyo Kabushiki Kaisha. Deceleration control apparatus for a multi-cylinder internal combustion engine. 4,532,900, 8-6-85, Cl. 123-327.000.
- Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, to Hitachi, Ltd. Operation device for absorption cold and warm water system utilizing solar heat. 4,493,192, 1-15-85, Cl. 62-141.000.
- Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, to Hitachi, Ltd. Absorption cold and warm water system utilizing solar heat. 4,498,307, 2-12-85, Cl. 62-148.000.
- Hibino, Yozo; and Yamada, Sakae, to Hitachi, Ltd. Monitoring system for screw compressor. 4,502,833, 3-5-85, Cl. 415-17.000.
- Hibino, Yutaka, to Sumitomo Electric Industries, Ltd. Adhesive and heat recoverable article having a layer of the adhesive. 4,552,819, 11-12-85, Cl. 428-516.000.
- Hibiya, Taketoshi; Ohta, Yoshinori; and Matsumi, Koichi, to Nippon Electric Co., Ltd. Faraday rotator for an optical device. 4,522,473, 6-11-85, Cl. 350-377.000.
- Hibler, Donald R., Jr.; and Mask, Ernest D. Ratchet lock mechanism for exercise hip, leg and squat sled. 4,549,734, 10-29-85, Cl. 272-134.000.
- Hibyan, Edward S., to United Technologies Corporation. Helicopter blade droop stop with slidable droop stop seat. 4,549,852, 10-29-85, Cl. 416-140.000.
- Hice, Jaxon O.; and Webb, Gerald J., to Fryday Corporation. Method for producing a restructured food product. 4,497,844, 2-5-85, Cl. 426-643.000.
- Hick & Co. GmbH: *See—*
  - Hick, Werner, 4,537,749, Cl. 422-304.000.
- Hick, Werner, to Hick & Co. GmbH. Process and device for sterilizing tub-shaped containers. 4,537,749, 8-27-85, Cl. 422-304.000.
- Hickam, William M.: *See—*
  - Charles, Robert G.; and Hickam, William M., 4,523,996, Cl. 210-504.000.
  - Lee, Pang K.; and Hickam, William M., 4,537,661, Cl. 204-1.00T.
- Hickerson, Richard A.: *See—*
  - Thompson, Lionel D.; Jenkins, Harold E.; Hickerson, Richard A.; and Weaver, Russell E., 4,493,303, Cl. 123-357.000.
- Hickethier, Craig R.; Hogan, Ronald E.; and Prahl, Marvin E., to International Business Machines Corporation. Method and apparatus for loading and registering a diskette in a diskette drive. 4,509,086, 4-2-85, Cl. 360-99.000.
- Hickey & Company Limited: *See—*
  - Hickey, John F., 4,494,451, Cl. 99-276.000.
- Hickey, David J.; and Devery, Kieran, to Kieffer Paper Mills, Inc. Degradable litter covering for use in the brooding area of poultry houses. 4,541,359, 9-17-85, Cl. 119-1.000.
- Hickey, David S.; and Brocklehurst, John C., to Victoria University of Manchester, The. Urethral catheter. 4,553,959, 11-19-85, Cl. 604-96.000.
- Hickey, Dennis J., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Safety devices for carrier shells. 4,557,198, 12-10-85, Cl. 102-481.000.
- Hickey, Duane B.: *See—*
  - Hickey, Robert V.; Hickey, Duane B.; and Goetzinger, Charles J., 4,526,463, Cl. 355-83.000.
- Hickey, John F., to Hickey & Company Limited. Brewing apparatus. 4,494,451, 1-22-85, Cl. 99-276.000.
- Hickey, Robert V.; Hickey, Duane B.; and Goetzinger, Charles J., to CH_2M Hill, Inc. Apparatus for exposing photosensitive media. 4,526,463, 7-2-85, Cl. 355-83.000.
- Hickham, John H. Two tray indirect bonding system for labial and lingual brackets. 4,501,554, 2-26-85, Cl. 433-24.000.
- Hickling, Colin D.; and Barnes, Marvin, to Trigometer, Inc. Thermostat with bimetal compensating element. 4,495,481, 1-22-85, Cl. 337-349.000.
- Hickling, Michael: *See—*
  - Ring, John; French, David; Hickling, Michael; and Sturgess, Michael G., 4,508,765, Cl. 427-386.000.
- Hickling, Robert, to General Motors Corporation. Method and means for stimulating combustion especially of lean mixtures in internal combustion engines. 4,556,020, 12-3-85, Cl. 123-143.00B.
- Hickling, Robert L.: *See—*
  - Garcia, R. F.; and Hickling, Robert L., 4,502,127, Cl. 364-900.000.
- Hickman, Alvin E., to Beal, Walter. Sucker rod scraper method and device. 4,532,988, 8-6-85, Cl. 166-176.000.
- Hickman, Howard M.: *See—*
  - Earl, Gary W.; and Hickman, Howard M., 4,504,666, Cl. 546-345.000.
- Hickman, John B., to W. P. Hickman Company. Roof edge construction. 4,549,376, 10-29-85, Cl. 52-94.000.
- Hickman, John R.; Kriska, Nicholas J.; Brechtelsbauer, Jeffrey H.; Mediate, Bruno A.; and Rotheiser, Jordan I., to Weatherchem Corporation. Tamper-resistant closure for dispensers. 4,541,541, 9-17-85, Cl. 220-253.000.
- Hickman, Mark R.; and Brown, Michael M., to Vee Arc Corporation. Adjustable frequency drive. 4,508,976, 4-2-85, Cl. 307-270.000.
- Hickner, Richard A.; and Cavitt, Michael B., to Dow Chemical Company, The. High solids coatings from adducts of polyepoxides with polyamines and blocked polyisocyanates. 4,507,412, 3-26-85, Cl. 523-454.000.
- Hickok, Leslie G., to University of Tennessee Research Corporation. Method for producing genes conferring resistance to herbicides, growth regulators or other chemical agents in vascular plants. 4,528,773, 7-16-85, Cl. 47-58.000.

Hickory Pond Corp.: *See—*
  Geipel, Stanley W., 4,494,762, Cl. 277-206.00R.
Hickory Springs Manufacturing Company: *See—*
  Poovey, Homer F., 4,523,342, Cl. 5-250.000.
Hicks, Alfonza; and Hankins, Jerry E., to Exxon Research & Engineering Co. Solids separation in a self-circulating magnetically stabilized fluidized bed. 4,521,303, 6-4-85, Cl. 209-454.000.
Hicks, Bruce W.: *See—*
  English, Donald C.; and Hicks, Bruce W., 4,538,545, Cl. 118-679.000.
  Mason, John Y.; and Hicks, Bruce W., 4,547,381, Cl. 426-316.000.
Hicks, Clayton J.: *See—*
  Kellett, Roger N.; and Hicks, Clayton J., 4,544,119, Cl. 248-58.000.
Hicks, Darrell D., to Celanese Corporation. Low viscosity UV curable polyacrylates. 4,511,732, 4-16-85, Cl. 560-221.000.
Hicks, Donald D. Safety bait dispenser. 4,497,131, 2-5-85, Cl. 43-131.000.
Hicks, Douglas C.; and Pleass, Charles M., to University of Delaware. Wave-powered desalination of water. 4,512,886, 4-23-85, Cl. 210-170.000.
Hicks, Gregory F.: *See—*
  Mein, Gordon F.; Terry, John B.; and Hicks, Gregory F., 4,528,676, Cl. 375-14.000.
Hicks, Hamilton. Fire-retardant polyurethane foam containing finely ground dry fire retardant particles containing a volatile active fire retardant component. 4,504,603, 3-12-85, Cl. 521-85.000.
Hicks, Hamilton. Fire-retardant polyurethane foam containing finely ground dry fire-retardant particles containing a volatile active fire-retardant componet. 4,551,483, 11-5-85, Cl. 521-103.000.
Hicks, Irwin A.; and Albrecht, Charles W., to Singer Company, The. Adjustable tangent assembly for a diaphragm gas meter. 4,520,676, 6-4-85, Cl. 73-281.000.
Hicks, Irwin A.; and Ruddy, Donald C. Frangible seal coating and its method of production. 4,548,863, 10-22-85, Cl. 428-325.000.
Hicks, Irwin A., to Singer Company, The. Rotary meter with integral instrument housing. 4,553,433, 11-19-85, Cl. 73-273.000.
Hicks, Jacquelyn S.: *See—*
  Peoples, Clarence A., Jr.; Hicks, Jacquelyn S.; and Smith, Vernon C., 4,529,639, Cl. 428-95.000.
Hicks, James E., to RCA Corporation. Shutdown circuit for a switching regulator in a remote controlled television receiver. 4,516,168, 5-7-85, Cl. 358-190.000.
Hicks, James E.: *See—*
  Chen, John; Huang, Chin; Graves, Nancy D.; and Hicks, James E., 4,562,508, Cl. 361-91.000.
Hicks, Joel T.: *See—*
  Isbell, Benny R.; and Hicks, Joel T., 4,558,523, Cl. 34-30.000.
Hicks, John E.; and Kubat, James J., to Outboard Marine Corporation. Soil aerating apparatus with hydraulic valve arrangement. 4,516,638, 5-14-85, Cl. 172-22.000.
Hicks, John E.: *See—*
  Hansen, Loren F.; and Hicks, John E., 4,502,271, Cl. 56-320.100.
Hicks, John M.; Engel, Joseph C.; Spreadbury, Robert J.; Elms, Robert T.; and Saletta, Gary F., to North American Philips Lighting Corporation. Starting and operating method and apparatus for discharge lamps. 4,525,650, 6-25-85, Cl. 315-226.000.
Hicks, John W., Jr., to Polaroid Corporation. Fiber optics polarizer. 4,531,811, 7-30-85, Cl. 350-96.330.
Hicks, John W., Jr., to Polaroid Corporation. Hollow tube method for forming an optical fiber. 4,551,162, 11-5-85, Cl. 65-4.200.
Hicks, Kevin J. Food processing apparatus. 4,517,447, 5-14-85, Cl. 219-388.000.
Hicks, Raymond J.: *See—*
  Allen, Kenneth D.; Brogdon, James W.; Barton, John S.; and Hicks, Raymond J., 4,542,658, Cl. 73-862.310.
Hicks, Robert R. Variable access parcel and mail receptacle. 4,508,259, 4-2-85, Cl. 232-17.000.
Hicks, Theodore A.: *See—*
  Vetter, Ronald F.; Hicks, Theodore A.; and Compton, Warren R., 4,494,373, Cl. 60-253.000.
Hicks, W. Glen. Method and apparatus for varying a vehicle wheelbase. 4,531,753, 7-30-85, Cl. 280-80.00B.
Hickson, Donald A., to Chevron Research Company. Solid body preparation and formation by agglomeration in an immiscible solvent. 4,507,396, 3-26-85, Cl. 502-8.000.
Hida, Yukio: *See—*
  Ogasawara, Takaaki; Maruyama, Tokuji; Sato, Masaharu; Hida, Yukio; and Saito, Takashi, 4,546,234, Cl. 219-137.0PS.
Hidai, Yutaka: *See—*
  Iwata, Kazuhide; Shibayama, Shigeki; Hidai, Yutaka; and Oyanagi, Shigeru, 4,514,826, Cl. 364-900.000.
Hidaka, Hideo: *See—*
  Kurushima, Tadanori; Hidaka, Hideo; and Sonoda, Hiroyoshi, 4,505,101, Cl. 57-301.000.
Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide, to Asahi Kasei Kogyo Kabushiki Kaisha. 6-quinazolinesulfonyl derivatives and process for preparation thereof. 4,510,307, 4-9-85, Cl. 544-283.000.
Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, to Asahi Kasei Kogyo Kabushiki Kaisha; and Hidaka, Hiroyoshi. Isoquinolinesulfonyl derivatives. 4,525,589, 6-25-85, Cl. 544-128.000.
Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, to Asahi Kasei Kogyo Kabushiki Kaisha; and Hidaka, Hiroyoshi. Isoquinolinesulfonyl derivatives which possess a relaxatory action. 4,560,755, 12-24-85, Cl. 544-363.000.
Hidaka, Kazutaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Tuned small loop antenna and method for designing thereof. 4,518,965, 5-21-85, Cl. 343-742.000.
Hidaka, Kunihiko; Fukushima, Naoto; and Iwata, Kazuro, to Nissan Motor Company, Limited. Piston stroke responsive vortex-flow shock absorber. 4,515,252, 5-7-85, Cl. 188-282.000.
Hidaka, Kunihiko: *See—*
  Fukushima, Naoto; Iwata, Kazuroh; and Hidaka, Kunihiko, 4,502,575, Cl. 188-282.000.
Hidaka, Ryoichi: *See—*
  Ikehara, Yasunobu; Ariyoshi, Haruki; and Hidaka, Ryoichi, 4,560,406, Cl. 75-30.000.
Hidaka Seiki K.K.: *See—*
  Yokosawa, Tomoo, 4,519,121, Cl. 29-157.30C.
Hidaka, Toshio: *See—*
  Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.
Hidaka, Toshiyuki; Sakamoto, Hisashi; Fukuhara, Toshiaki; Fujieda, Sadao; and Misawa, Yutaka, to Hitachi, Ltd. Resin-molded semiconductor device and a process for manufacturing the same. 4,540,603, 9-10-85, Cl. 427-82.000.
Hidaka, Tsuneo; Inoue, Masahide; and Ogiso, Makoto, to Asahi Kogaku Kogyo Kabushiki Kaisha. Artificial apatite dental root. 4,511,336, 4-16-85, Cl. 433-173.000.
Hidaka, Tuneo: *See—*
  Nishizawa, Tsutomu; Tukahara, Ryoichi; Morinaka, Ryoichi; and Hidaka, Tuneo, 4,536,320, Cl. 252-299.100.
Hidaka, Yoshiaki; and Shinagawa, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Lubricant passage system for internal combustion engines. 4,538,565, 9-3-85, Cl. 123-196.00R.
Hidaka, Yoshiaki: *See—*
  Senga, Akihisa; Hidaka, Yoshiaki; and Tsuchiyama, Tadashi, 4,513,698, Cl. 123-52.0MV.
  Tsuchiyama, Tadashi; and Hidaka, Yoshiaki, 4,559,910, Cl. 123-195.00R.
Hidaka, Yoshiharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Circuit breaker with overvoltage suppression. 4,499,350, 2-12-85, Cl. 200-144.0AP.
Hidao, Nobuyoshi: *See—*
  Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi, 4,509,995, Cl. 148-143.000.
Hidden Valley Associates, Inc.: *See—*
  Phillips, Edward H., 4,516,958, Cl. 464-153.000.
  Phillips, Edward H., 4,553,590, Cl. 166-53.000.
Hiddleston, James N.: *See—*
  May, Denis R. W.; and Hiddleston, James N., 4,517,688, Cl. 3-2.000.
Hide, Ichiro, to Hoxan Corporation. Apparatus for producing polyacetylene film. 4,544,343, 10-1-85, Cl. 425-224.000.
Hide, Ichiro, to Hoxan Corporation. Apparatus for producing polyacetylene film. 4,553,919, 11-19-85, Cl. 425-90.000.
Hideaki Takahashi: *See—*
  Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, 4,518,464, Cl. 204-1.00T.
Hideaki Yamada: *See—*
  Yamada, Hideaki; and Ryuno, Koitchiro, 4,555,487, Cl. 435-253.000.
Hidebran, Dean C.: *See—*
  Hildebrand, Clifford F., 4,493,658, Cl. 440-30.000.
Hidefumi Hirai: *See—*
  Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, 4,525,180, Cl. 55-37.000.
Hideg, Laszlo; Koller, Paul L.; and Samson, Rogelio G., to Ford Motor Company. Low pressure low cost automotive type fuel injection system. 4,526,152, 7-2-85, Cl. 123-478.000.
Hideki, Ono: *See—*
  Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.
Hidemune, Naito: *See—*
  Kenji, Kubota; Kouji, Fukunaga; Yasuzo, Kirita; and Hidemune, Naito, 4,492,531, Cl. 417-279.000.
Hideo, Hisamoto, to Matsushita Electric Works, Ltd. Circuit breaker. 4,536,726, 8-20-85, Cl. 335-23.000.
Hideo, Noda, to Shimano Industrial Company Limited. Fishing reel. 4,546,937, 10-15-85, Cl. 242-219.000.
Hideo, Sugimori. Resistance thermometer. 4,516,865, 5-14-85, Cl. 374-172.000.
Hider, Robert C.; Kontoghiorghes, George; Silver, Jack; and Stockham, Michael A., to National Research Development Corporation. Iron complexes of hydroxy pyridones useful for treating iron deficiency anemia. 4,550,101, 10-29-85, Cl. 514-188.000.
Hideya, Kondo: *See—*
  Youichi, Yokoyama; and Hideya, Kondo, 4,529,951, Cl. 335-13.000.
Hideyama, Shozo; Ishizawa, Akio; Kumagai, Katuya; and Hashimoto, Minoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic recording medium. 4,511,617, 4-16-85, Cl. 428-212.000.
Hidle, Jerry, to Pandhandle Industries, Inc. Paper towel insert and dispenser. 4,535,947, 8-20-85, Cl. 242-55.200.
Hidler, Henry; Davey, Ernest; Hope, Lawrence L.; and Shimer, Robert, to GTE Products Corporation. Target bonding process. 4,544,091, 10-1-85, Cl. 228-124.000.
Hidroben S.p.A. Componenti ed Impianti Oleodinamici: *See—*
  Mor, Pietro, 4,559,844, Cl. 74-471.00R.

Hidveghy, Ivan: *See—*

Gerber, Hans; Hidveghy, Ivan; Schaal, Gunter; Sturmer, Marian; Vogel, Eberhard; and Wessel, Claude. 4,503,425, Cl. 340-680.000.

Hieber, Heinz H.: *See—*

Wolf, Peter H.; Clarke, David C.; and Hieber, Heinz H., 4,527,469, Cl. 101-93.040.

Hieber, Konrad; and Wieczorek, Claudia, to Siemens Aktiengesellschaft. Method for selective deposition of layer structures consisting of silicides of HMP metals on silicon substrates and products so-formed. 4,501,769, 2-26-85, Cl. 427-95.000.

Hieber, Konrad; and Mayer, Norbert, to Siemens Aktiengesellschaft. System for measuring electrical resistance and temperature during manufacture of thin, conductive films deposited on substrates by means of evaporation or sputter deposition. 4,543,576, 9-24-85, Cl. 340-870.170.

Hieber, Konrad; and Mayer, Norbert, to Siemens Aktiengesellschaft. Method of measuring electric resistance of thin metallic layers manufactured under the influence of a plasma. 4,562,089, 12-31-85, Cl. 427-10.000.

Hieber, Konrad: *See—*

Schwabe, Ulrich; Neppl, Franz; and Hieber, Konrad, 4,510,670, Cl. 29-571.000.

Hieble, Jacob P.: *See—*

DeMarinis, Robert M.; Hieble, Jacob P.; and Matthews, William D., 4,496,558, Cl. 514-213.000.

DeMarinis, Robert M.; Hieble, Jacob P.; Kaiser, Carl; and Wilson, James W., 4,507,320, Cl. 514-605.000.

Hieftje, Gary M.; and Shabushnig, John, to Indiana University Foundation. Device for the accurate dispensing of small volumes of liquid samples. 4,492,322, 1-8-85, Cl. 222-420.000.

Hieger, Richard A., to H. H. Robertson Company. Non-displaceable shim. 4,558,548, 12-17-85, Cl. 52-235.000.

Hielm, Odd: *See—*

Vahlberg, Christer; and Hielm, Odd, 4,557,458, Cl. 248-553.000.

Hiemenz, Christian: *See—*

Brunion, Hans-Georg; Hiemenz, Christian; Heuser, Hans; and Radisch, Helmer, 4,540,622, Cl. 428-216.000.

Hiemstra, Bruce: *See—*

Roossien, Charles P.; Chambers, Brian; and Hiemstra, Bruce, 4,494,795, Cl. 297-355.000.

Hiemstra, Carol L.: *See—*

Bart, Gordon B.; Hiemstra, Carol L.; and Tyo, James H., 4,534,341, Cl. 128-75.000.

Hien, Rochus; Weigel, Wolfgang; and Vierling, Horst, to Eltro GmbH. Method and apparatus for scanning radiated energy using a single mirror with a plurality of pivotal positions. 4,560,869, 12-24-85, Cl. 250-235.000.

Hierholzer, Melvin C. Highlighting applicator. 4,516,591, 5-14-85, Cl. 132-88.700.

Hierman, Thomas L.: *See—*

Stahl, Benedict J.; and Hierman, Thomas L., 4,557,416, Cl. 232-24.000.

Hieronymi, Richard: *See—*

Briner, Emil; and Hieronymi, Richard, 4,509,322, Cl. 57-333.000.

Hiers, John J., to Lydall, Inc. Integral textile composite fabric. 4,522,876, 6-11-85, Cl. 428-285.000.

Hiersteiner, Walter, to Tension Envelope Corporation. Envelope with hanger. 4,545,521, 10-8-85, Cl. 229-68.00R.

Hiestand, Karl, to SMW Schneider & Weisshaupt GmbH. Power chuck for turning machines. 4,507,031, 3-26-85, Cl. 409-234.000.

Hiestand, Karl, to SMW Schneider & Weisshaupt GmbH. Power operated chuck having centrifugal force compensation. 4,521,028, 6-4-85, Cl. 279-1.00C.

Hiestand, Karl, to SMW Schneider & Weisshaupt GmbH. Chuck for machine tools. 4,527,808, 7-9-85, Cl. 279-1.00J.

Hiestand, Karl, to SMW Schneider & Weisshaupt GmbH. Arrangement for supplying a chuck with pressure fluid. 4,537,410, 8-27-85, Cl. 279-4.000.

Hiestand, Wilfred; and Oliver, Everett O. Lumber saw-sizing tool. 4,498,512, 2-12-85, Cl. 144-2.00R.

Hietanen, Esko; and Airaksinen, Pentti, to Oy W. Rosenlew AB. Valve actuator for a dosing pump for a paint toning machine. 4,503,721, 3-12-85, Cl. 74-44.000.

Hietanen, Jukka: *See—*

Salmela, Jouko J.; Hietanen, Jukka; and Syrjanen, Timo, 4,494,480, Cl. 118-411.000.

Higa, Yasusi: *See—*

Nakasone, Seiken; Miyagi, Sadao; Aragaki, Takehiko; and Higa, Yasusi, 4,492,601, Cl. 127-48.000.

Higaki, Hiromichi; and Miyazaki, Nobuyuki, to Asahi Glass Company Ltd. Paint-finishing composition for a cement base material. 4,503,097, 3-5-85, Cl. 427-386.000.

Higaki, Masaru: *See—*

Miki, Atsushi; Mori, Etsunori; Hoshi, Minoru; and Higaki, Masaru, 4,554,523, Cl. 336-70.000.

Higaki, Yoshikazu; and Omori, Hiroyuki, to Mitsubishi Yuka Fine Chemicals Co., Ltd. Process for purifying dibromo-dicyanobutane. 4,504,423, 3-12-85, Cl. 260-465.700.

Higaki, Yuzo; and Ukai, Akitoshi, to Nisshin Oil Mills, Ltd. Polymeric glycol ester. 4,549,009, 10-22-85, Cl. 528-301.000.

Higaki, Yuzo: *See—*

Yamamoto, Nobuyuki; Mukaida, Yoshito; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,548,873, Cl. 428-695.000.

Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,554,220, Cl. 428-694.000.

Higashi, Hidehiro: *See—*

Fuchikami, Jun; Higashi, Hidehiro; Inoue, Takashi; and Oba, Hiroyuki, 4,500,645, Cl. 502-65.000.

Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, to Nippon Telegraph & Telephone Public Corporation; and Tomoegawa Paper Manufacturing Co., Ltd. Photo-fixing heat-sensitive recording media with photosensitive diazonium salt, coupler, and organic boron salt. 4,511,642, 4-16-85, Cl. 430-161.000.

Higashi, Robert E.; Johnson, Robert G.; and Bohrer, Philip J., to Honeywell Inc. Flow sensor. 4,501,144, 2-26-85, Cl. 73-204.000.

Higashi, Robert E.: *See—*

Bohrer, Philip J.; Higashi, Robert E.; and Johnson, Robert G., 4,548,078, Cl. 73-204.000.

Bohrer, Philip J.; Higashi, Robert E.; Johnson, Timothy L.; and Satren, Ernest A., 4,555,939, Cl. 73-198.000.

Higashi, Takayoshi: *See—*

Noji, Takashi; Obata, Yoshiharu; and Higashi, Takayoshi, 4,504,738, Cl. 250-483.100.

Higashi, Toshihiko; Kobayashi, Yoshinori; and Iwasaki, Shinjiro, to Meito Sangyo Kabushiki Kaisha. Microbial rennet having increased milk coagulating activity and method for production thereof. 4,530,906, 7-23-85, Cl. 435-223.000.

Higashi, Toshihiko: *See—*

Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, 4,528,918, Cl. 110-347.000.

Higashi, Yoshihiro, to Kabushiki Kaisha Komatsu Seisakusho. Control system for synchronizing combination press line. 4,492,901, 1-8-85, Cl. 318-85.000.

Higashide, Osamu: *See—*

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,504,617, Cl. 524-426.000.

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,552,689, Cl. 252-511.000.

Higashiguchi, Teruaki; and Miyakawa, Nobuhiro, to Mita Industrial Co., Ltd. Photosensitive material for electrophotography containing photosensitive layer incorporating pentakisazo pigment. 4,535,044, 8-13-85, Cl. 430-58.000.

Higashiguchi, Teruaki: *See—*

Nakatani, Kaname; Miyakawa, Nobuhiro; Higashiguchi, Teruaki; and Edo, Tomomi, 4,524,118, Cl. 430-56.000.

Higashiguchi, Toshiaki; and Sonoda, Michiaki, to Nippon Electric Co., Ltd. Stationary-picture transmission system. 4,551,767, 11-5-85, Cl. 358-257.000.

Higashiguti, Teruaki: *See—*

Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, 4,492,746, Cl. 430-71.000.

Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, 4,551,403, Cl. 430-58.000.

Higashihara, Teruaki; Nonaka, Chiaki; Yoshida, Tadao; and Kawachi, Hideo, to Sony Corporation. Digital audio disc player including apparatus for finding the beginning of a recorded audio signal. 4,519,057, 5-21-85, Cl. 369-50.000.

Higashihara, Teruaki; Yoshida, Tadao; Kawachi, Hideo; and Nonaka, Chiaki, to Sony Corporation. Disc reproducing apparatus. 4,530,073, 7-16-85, Cl. 369-50.000.

Higashihara, Teruaki, to Sony Corporation. Recording and/or reproducing apparatus for a disk. 4,539,671, 9-3-85, Cl. 369-213.000.

Higashikawa, Iwao; and Arikado, Tsunetoshi, to Kabushiki Kaisha Toshiba. Method for forming flattened film. 4,510,173, 4-9-85, Cl. 427-44.000.

Higashimoto Kikai Co., Ltd.: *See—*

Higashimoto, Tsuyoshi, 4,512,523, Cl. 241-82.400.

Higashimoto, Tsuyoshi, to Higashimoto Kikai Co., Ltd. Apparatus for mincing frozen meat into ground meat. 4,512,523, 4-23-85, Cl. 241-82.400.

Higashimura, Yutaka: *See—*

Fukushi, Keiji; Higashimura, Yutaka; Huzioka, Shinei; Iwaasa, Syuzou; and Kadotani, Kenzo, 4,492,889, Cl. 310-87.000.

Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Shadow mask. 4,528,246, 7-9-85, Cl. 428-596.000.

Higashinakagawa, Emiko: *See—*

Inomata, Koichiro; Tateishi, Hiroshi; Higashinakagawa, Emiko; and Sato, Kanemitsu, 4,504,327, Cl. 148-31.550.

Higashine, Kazutaka: *See—*

Fujiwara, Koichi; Sakai, Tomohiko; Yamada, Yoneo; and Higashine, Kazutaka, 4,493,739, Cl. 148-111.000.

Higashine, Seiji: *See—*

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Kouji; and Higashine, Seiji, 4,524,080, Cl. 426-236.000.

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, 4,557,939, Cl. 426-473.000.

Higashino, Shigenori, to Mitsubishi Denki Kabushiki Kaisha. Superconduction storage apparatus of electrical power. 4,493,014, 1-8-85, Cl. 363-14.000.

Higashino, Takashi: *See—*

Sato, Kan-ichi; Yamanishi, Akio; and Higashino, Takashi, 4,535,831, Cl. 164-33.000.

- Higashio Pipe Fittings Mfg. Co., Ltd.: *See*—
  - Yodoshi, Tatsuo; Ohata, Hiroyoshi; and Inoue, Hiroshi, 4,519,638, Cl. 285-305.000.
- Higashiyama, Seiichi: *See*—
  - Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, 4,540,773, Cl. 528-480.000.
- Higashiyama, Yasushi; Chiba, Shu; and Sawazaki, Norikazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical magnetic recording device. 4,525,828, 6-25-85, Cl. 369-111.000.
- Higby, Jeffrey P.: *See*—
  - Broughton, George L.; Higby, Jeffrey P.; and Young, Robert F., 4,525,149, Cl. 440-1.000.
- Higeta, Koichi: *See*—
  - Hayashi, Yoshio; Aoyagi, Kouji; Sakurai, Toshio; Kashima, Tsunehiro; and Higeta, Koichi, 4,509,138, Cl. 364-900.000.
- Higginbotham, James F.: *See*—
  - Hannmann, Ralph A., Jr.; and Higginbotham, James F., 4,515,065, Cl. 91-363.00A.
- Higginbotham, John A., to Jope Manufacturing Co. Inc. Hydrotherapy system for tubs, spas or pools. 4,525,881, 7-2-85, Cl. 4-496.000.
- Higginbotham, John W.; and Dowden, Dennis C., to McDonnell Douglas Corporation. Pulse coded optical attenuation meter. 4,521,115, 6-4-85, Cl. 356-432.000.
- Higginbotham, Robert R.; and Malakhoff, Alexander, to United States of America, Navy. Deep depth undex simulator. 4,495,809, 1-29-85, Cl. 73-432.0SD.
- Higginbottom, Harold P., to Monsanto Company. Polymerizable compositions comprising polyamines and poly(dihydrobenzoxazines). 4,501,864, 2-26-85, Cl. 525-484.000.
- Higginbottom, Harold P.; and Drumm, Manuel F., to Monsanto Company. Aqueous dispersions of polyamines and poly(dihydrobenzoxazines). 4,507,428, 3-26-85, Cl. 524-596.000.
- Higginbottom, Harold P.; and Drumm, Manuel F., to Monsanto Company. Process for deposition of resin dispersions on metal substrates. 4,557,979, 12-10-85, Cl. 428-460.000.
- Higgins, Brian D., to Otis Engineering Corporation. Well tool. 4,545,434, 10-8-85, Cl. 166-217.000.
- Higgins, Charles H.; and Skipper, John D., to United States of America, Air Force. Data acquisition channel apparatus. 4,546,343, 10-8-85, Cl. 340-347.0AD.
- Higgins, David M. Geometrically-integrated architecture of microcircuits for high-speed computers. 4,499,607, 2-12-85, Cl. 455-606.000.
- Higgins, David T.: *See*—
  - Chappell, William A.; Tweed, William J.; and Higgins, David T., 4,512,246, Cl. 99-312.000.
- Higgins, Donald W., to Ferrofluidics Corporation. Coaxial, multiple-shaft ferrofluid seal apparatus. 4,545,587, 10-8-85, Cl. 277-80.000.
- Higgins, Edward, Jr.: *See*—
  - Schindel, Arnold; and Higgins, Edward, Jr., 4,536,064, Cl. 350-583.000.
- Higgins, George D.: *See*—
  - McCain, William B.; and Higgins, George D., 4,537,342, Cl. 227-78.000.
- Higgins, George L., to Parker Chemical Company. Processes and compositions for the treatment of aluminum surfaces. 4,509,992, 4-9-85, Cl. 148-6.270.
- Higgins, Harvey M., Jr.; Merkel, Kurt E.; and McCormick, Mack H., to Eli Lilly and Company. Antibiotic M43A, pharmaceutical composition and method of use. 4,548,925, 10-22-85, Cl. 514-10.000.
- Higgins, Irving J.; Hill, Hugh A. O.; and Plotkin, Elliot V., to Genetics International, Inc. Sensor for components of a liquid mixture. 4,545,382, 10-8-85, Cl. 128-635.000.
- Higgins, Kenneth B., to Milliken Research Corporation. Carpet tile with stabilizing material embedded in adhesive layer. 4,522,857, 6-11-85, Cl. 428-95.000.
- Higgins, Mary L.; and Muri, David L., to Motorola, Inc. Switch controller for obtaining a plurality of functions from a single switch in a two-way transceiver and method therefor. 4,501,017, 2-19-85, Cl. 455-78.000.
- Higgins, Philip M.; MacKenna, William B.; Sickels, Lawrence G.; and Stumpf, Richard A., to Vapor Corporation. Door control systems. 4,491,917, 1-1-85, Cl. 364-424.000.
- Higgins, Queenie D.; and Garrison, Dana R. Disposable animal litter box. 4,541,360, 9-17-85, Cl. 119-1.000.
- Higgins, Robert C.; Stanich, Mikel J.; and Wolfe, Larry L., to International Business Machines Corporation. Scanning optical system for use with a semiconductor laser generator. 4,538,895, 9-3-85, Cl. 355-3.00R.
- Higgins, Robert J., Jr., to Motorola, Inc. Apparatus for suppression of spurious attenuation poles in crystal filters. 4,533,885, 8-6-85, Cl. 333-191.000.
- Higgins, Thair L.: *See*—
  - Klingensmith, G. Bruce; Whitehead, Richard O.; and Higgins, Thair L., 4,536,537, Cl. 524-481.000.
- Higgins, Theodore E.: *See*—
  - Humason, Dan C.; Buchwitz, Mayleta; and Higgins, Theodore E., 4,522,864, Cl. 428-201.000.
- Higgins, William A., to Lubrizol Corporation, The. Dye-receptive polyolefins and polyolefin fibers. 4,520,155, 5-28-85, Cl. 524-166.000.
- Higgs, Bruce S.: *See*—
  - Ng, Fook L.; and Higgs, Bruce S., 4,532,032, Cl. 209-166.000.
- Higgs, Kenneth O.; and Everett, Jimmy D., to Texaco Inc. Consistometer. 4,559,811, 12-24-85, Cl. 73-59.000.
- Higgs, Leonard: *See*—
  - Hunt, William V.; Coletta, John A.; Howling, Richard J.; and Higgs, Leonard, 4,525,885, Cl. 5-453.000.
- Higgs, Richard F.: *See*—
  - Brendlinger, Edward C.; Higgs, Richard F.; and Kharouf, Issa J., 4,507,190, Cl. 204-206.000.
- High, Sam; and Mast, Aquila D., to Feedmobile, Inc. Feed processing system. 4,509,862, 4-9-85, Cl. 366-158.000.
- Highberger, Samuel M. Body support. 4,536,032, 8-20-85, Cl. 297-439.000.
- Highby, Dennis N., to Cabela's Inc. Casting rod and handle assembly. 4,516,351, 5-14-85, Cl. 43-23.000.
- Highland Manufacturing & Sales Company: *See*—
  - Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., 4,496,614, Cl. 428-7.000.
  - Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., 4,549,908, Cl. 106-266.000.
- Highland Supply Corp.: *See*—
  - Weder, Erwin H.; and Weder, Donald E., 4,491,217, Cl. 206-45.330.
- Highlight Industries, Inc.: *See*—
  - Riemenschneider, Paul K., III, 4,535,951, Cl. 242-754.000.
- Highnam, Alan W.: *See*—
  - Stephen, David; Mansbridge, Martin H.; and Highnam, Alan W., 4,534,503, Cl. 228-157.000.
- Highsmith, Charles E., to Unarco Industries, Inc. Connector means for securing slotted members. 4,496,061, 1-29-85, Cl. 211-191.000.
- Highsmith, Ronald E. Gel-forming compositions and the use thereof. 4,521,452, 6-4-85, Cl. 427-136.000.
- Hight, Andrew T.: *See*—
  - Davies, James F.; Hight, Andrew T.; and Lee, Robert S., 4,530,774, Cl. 252-108.000.
- Hight, Ralph D.: *See*—
  - Plough, Charles T., Jr.; and Hight, Ralph D., 4,498,071, Cl. 338-308.000.
- Hightec Manufacturing Corporation: *See*—
  - Hepple, Jeffry S., 4,542,556, Cl. 15-321.000.
- Hightower, Angus W.; Smith, Reginald W.; and Orcutt, John W., to Texas Instruments Incorporated. Carrier for integrated circuit. 4,495,376, 1-22-85, Cl. 174-52.0FP.
- Hightower, Angus W.: *See*—
  - Orcutt, John W.; Hightower, Angus W.; and Smith, Reginald W., 4,496,965, Cl. 357-70.000.
- Hightower, Floyd. Adjustable sling for rifles, shotguns or the like. 4,511,070, 4-16-85, Cl. 224-150.000.
- Hightower, James H. Motorized golf cart. 4,533,013, 8-6-85, Cl. 180-210.000.
- Highway Equipment Company: *See*—
  - Kampman, Lester R., 4,561,594, Cl. 239-658.000.
- Hignett, Geoffrey J.; Rowbottom, Kenneth T.; and Sanderson, William R., to Interox Chemicals Limited. Peroxygen compound. 4,536,313, 8-20-85, Cl. 252-100.000.
- Hignite, Alan L.; Wendt, Richard L.; Zeigler, Roy F.; and Zeigler, Warren L., to Tri City Laboratory Specialists, Inc. Fume hood sash operator. 4,502,375, 3-5-85, Cl. 98-115.0LH.
- Higo, Tsutomu; Mizutani, Shoji; Sawada, Yasuhiro; and Kengaku, Katsumi, to Ebara Corporation; and Japan Iron and Steel Federation. Apparatus for treating effluent gas by irradiation with electron beams. 4,507,265, 3-26-85, Cl. 422-186.000.
- Higuchi, Akira; and Okamoto, Miyoshi, to Toray Industries, Inc. Artificial grain leather having different color spot groups. 4,525,169, 6-25-85, Cl. 8-485.000.
- Higuchi, Fumio: *See*—
  - Ida, Jinsei; Fujita, Tsutomu; Matsuo, Kenzaburo; Higuchi, Fumio; and Tamura, Mitsuo, 4,503,596, Cl. 29-568.000.
  - Ida, Jinsei; Fujita, Tsutomu; Yamada, Ichiho; Higuchi, Fumio; and Matsuo, Kenzaburo, 4,510,669, Cl. 29-568.000.
- Higuchi, Hideyo: *See*—
  - Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, 4,561,096, Cl. 372-46.000.
- Higuchi, Hiroshi: *See*—
  - Shinomiya, Tsutomu; Mori, Shigeki; and Higuchi, Hiroshi, 4,506,577, Cl. 83-499.000.
- Higuchi, Hisao: *See*—
  - Igarashi, Taizo; Higuchi, Hisao; and Yamazaki, Shingo, 4,552,568, Cl. 44-51.000.
- Higuchi, Junichi: *See*—
  - Aoyama, Shigetsune; Yoshikawa, Kazuo; Hasegawa, Yoshimichi; and Higuchi, Junichi, 4,512,559, Cl. 267-47.000.
- Higuchi, Kanji: *See*—
  - Kondo, Ryoji; Takamura, Kozo; and Higuchi, Kanji, 4,540,910, Cl. 313-11.500.
- Higuchi, Kazuaki: *See*—
  - Matsuda, Naotoshi; Tetsuishi, Yoshinori; and Higuchi, Kazuaki, 4,512,912, Cl. 252-301.60S.
- Higuchi, Kazuo, to Honda Giken Kogyo Kabushiki Kaisha. Passive seat belt device. 4,508,362, 4-2-85, Cl. 280-804.000.
- Higuchi, Kazuo: *See*—
  - Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, 4,543,378, Cl. 524-100.000.
- Higuchi, Kohei: *See*—
  - Nagasawa, Eiji; Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Higuchi, Kohei, 4,551,908, Cl. 29-571.000.
- Higuchi, Mamoru: *See*—
  - Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka;

Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.

Higuchi, Masao; Uno, Shuzo; Ishii, Yasuhisa; Makino, Kazuhiro; and Okasaka, Kenichi, to Hitachi, Ltd. Device for stopping the swinging movement of a load hung by a crane. 4,531,647, 7-30-85, Cl. 212-147.000.

Higuchi, Masaru: *See—*

Makino, Hiroshi; Higuchi, Masaru; and Murata, Kazuou, 4,514,084, Cl. 356-4.000.

Higuchi, Masayuki: *See—*

Tomino, Tadashi; and Higuchi, Masayuki, 4,508,402, Cl. 339-17.0CF.

Higuchi, Matsuo: *See—*

Kamijo, Eiji; and Higuchi, Matsuo, 4,556,416, Cl. 75-0.50B.

Higuchi, Megumu: *See—*

Morikawa, Kunihiko; Higuchi, Megumu; and Yanai, Tokiyoshi, 4,516,422, Cl. 72-377.000.

Higuchi, Mitsuo, to Fujitsu Limited. CMIS level shift circuit. 4,506,164, 3-19-85, Cl. 307-264.000.

Higuchi, Mitsuo; and Yoshida, Masanobu, to Fujitsu Limited. Output circuit of a semiconductor device. 4,527,077, 7-2-85, Cl. 307-443.000.

Higuchi, Moeko: *See—*

Koboshi, Shigeharu; Ishikawa, Masao; Kobayashi, Kazuhiro; Kimura, Toshihiko; and Higuchi, Moeko, 4,518,680, Cl. 430-393.000.

Higuchi, Seizun; Ooga, Tomonari; Tsukamoto, Yukio; Kamada, Minoru; and Nomura, Yukio, to Nippon Steel Corporation. Hydrated chromium oxide-coated steel strip useful for welded cans and other containers. 4,501,802, 2-26-85, Cl. 428-629.000.

Higuchi, Shigemitsu: *See—*

Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, 4,551,777, Cl. 360-77.000.

Higuchi, Shinichi: *See—*

Mizumukai, Ken; and Higuchi, Shinichi, 4,491,339, Cl. 280-668.000.

Higuchi, Takeshi; Itakura, Yoshio; and Iwamori, Hidekazu, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Swash-plate-type compressor having suction and discharge damping chambers. 4,534,710, 8-13-85, Cl. 417-269.000.

Higuchi, Toshiaki: *See—*

Chijiishi, Toshio; Matoba, Hiroshi; Nakamura, Kazuo; and Higuchi, Toshiaki, 4,505,659, Cl. 425-121.000.

Higuchi, Toshiharu: *See—*

Nakayama, Shouji; Takanashi, Yukio; Higuchi, Toshiharu; and Yakabe, Touru, 4,524,296, Cl. 313-270.000.

Higuchi, Yasumitsu: *See—*

Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.

Higuchi, Yoshinori: *See—*

Kido, Fusayoshi; Takahashi, Atsushi; Shingu, Shitta; Higuchi, Yoshinori; and Yamada, Akira, 4,553,227, Cl. 369-44.000.

Higuchi, Yoshiro: *See—*

Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.

Ito, Yasuro; Higuchi, Yoshiro; and Aida, Seiichi, 4,547,975, Cl. 34-8.000.

Higurashi, Seiji, to Victor Company of Japan, Ltd. Noise reduction circuit. 4,562,492, 12-31-85, Cl. 360-65.000.

Hihara, Toshio: *See—*

Niwa, Toshio; Hihara, Toshio; and Shimizu, Yukiharu, 4,500,455, Cl. 534-635.000.

Niwa, Toshio; and Hihara, Toshio, 4,500,710, Cl. 544-113.000.

Niwa, Toshio; Himeno, Kiyoshi; and Hihara, Toshio, 4,507,476, Cl. 544-187.000.

Niwa, Toshio; and Hihara, Toshio, 4,515,716, Cl. 534-635.000.

Hihn, Gerhard: *See—*

Stoll, Kurt; and Hihn, Gerhard, 4,537,113, Cl. 92-24.000.

Hiiragi, Mineharu: *See—*

Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Ichikawa, Keiko; Nakazato, Kikuo; and Okada, Taiji, 4,528,372, Cl. 544-310.000.

Hijikata, Isamu: *See—*

Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,239, Cl. 219-121.0PG.

Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,242, Cl. 219-121.0PG.

Hijikata, Kazuo: *See—*

Banno, Taiichi; Hijikata, Kazuo; and Takekawa, Hiroshi, 4,498,780, Cl. 356-414.000.

Hijikigawa, Masaya: *See—*

Furubayashi, Hisatoshi; Tanaka, Junichi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,515,653, Cl. 156-643.000.

Miyoshi, Shuji; Sugihara, Takashi; Jinda, Akihito; and Hijikigawa, Masaya, 4,520,341, Cl. 338-35.000.

Miyoshi, Shuji; Sugihara, Takashi; and Hijikigawa, Masaya, 4,528,543, Cl. 338-35.000.

Miyoshi, Shuji; Sugihara, Takashi; and Hijikigawa, Masaya, 4,529,642, Cl. 428-201.000.

Tanaka, Junichi; Furubayashi, Hisatoshi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,558,393, Cl. 361-286.000.

Watanabe, Masanori; Furubayashi, Hisatoshi; Tanaka, Junichi; and Hijikigawa, Masaya, 4,496,931, Cl. 338-34.000.

Hijiya, Hiromi; and Miyake, Toshio, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo. Process for producing self-supporting glucan film. 4,562,020, 12-31-85, Cl. 264-39.000.

Hijiya, Hiromi: *See—*

Miyake, Toshio; and Hijiya, Hiromi, 4,537,763, Cl. 424-49.000.

Miyake, Toshio; Hijiya, Hiromi; Suzuki, Shinji; and Matsumoto, Teruo, 4,557,927, Cl. 424-48.000.

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Yamatani, Tetsuo; Hijiya, Toyoto; Takeda, Hideo; Shibuya, Koji; and Tanaka, Kiichiro, 4,508,912, Cl. 549-253.000.

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Hikawa, Masanori; and Toyoda, Ippei, to Nihon Nohyaku Co., Ltd. Method for promoting crop growth. 4,543,119, 9-24-85, Cl. 71-90.000.

Hikida, Edward T.: *See—*

Gill, Dee R.; Hikida, Edward T.; and Radice, Daniel M., 4,557,422, Cl. 242-1.000.

Hikin, Boris L.: *See—*

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Hikita, Katuro: *See—*

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Hikita, Kiyoshi: *See—*

Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, 4,503,907, Cl. 165-133.000.

Hikita, Michiyasu, to Kabushiki Kaisha Ishida Koki Seisakusho. Method of selecting electronic scale operating mode, and electronic scale using said method. 4,509,608, 4-9-85, Cl. 177-1.000.

Hikita, Mitsutaka, to Hitachi, Ltd. Acoustic surface-wave bandpass filter. 4,492,940, 1-8-85, Cl. 333-194.000.

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Tabuchi, Toyoji; and Hikita, Mitsutaka, 4,507,581, Cl. 310-313.00B.

Hikita, Shigeyuki: *See—*

Ishida, Yasuhiko; Mori, Taiichi; Hikita, Shigeyuki; and Horiba, Tamotsu, 4,548,625, Cl. 55-282.000.

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Hikosaka, Shinichi; Murayama, Kosho; Fukuura, Shinichi; and Yanase, Takaomi, to Dai Nippon Insatsu Kabushiki Kaisha. Apparatus for the separation of magnetic and nonmagnetic solid particles from a liquid. 4,519,906, 5-28-85, Cl. 210-223.000.

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Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., 4,504,479, Cl. 514-252.000.

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Hilco House, Inc.: *See—*

Miller, R. Lee, 4,553,946, Cl. 446-327.000.

Hild, Berthold; Braun, Martin; and Munker, Max, to SMS Schloemann-Siemag Aktiengesellschaft. Strip-guide assembly for a metal strip coiler. 4,530,224, 7-23-85, Cl. 72-15.000.

Hildebolt, William M., to Campbell Soup Company. Phased aseptic sterilization and packaging process and system. 4,522,015, 6-11-85, Cl. 53-425.000.

Hildebolt, William M.: *See—*

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Hildebrand, Bernard P.: *See—*

Burns, Richard H.; Hall, William M.; and Hildebrand, Bernard P., 4,500,163, Cl. 350-3.700.

Hildebrand, Clifford F., to Hidebran, Dean C. Paddle boat. 4,493,658, 1-15-85, Cl. 440-30.000.

Hildebrand, James R. Foldable support structure of cardboard, plastic and the like. 4,546,941, 10-15-85, Cl. 248-174.000.

Hildebrand, Otto, to Escher Wyss Limited. Multi-ply headbox having adjustable outlet slices. 4,543,162, 9-24-85, Cl. 162-343.000.

Hildebrand, Reinhard; and Waldmann, Bernd, to Siemens Aktiengesellschaft. Slider control. 4,505,324, 3-19-85, Cl. 165-42.000.

Hildebrandt, Gustav: *See—*

Bottcher, Hugo; Heimrich, Klaus; Hildebrandt, Gustav; Kracke, Heinrich; and Richter, Johannes, 4,551,297, Cl. 264-224.000.

Hildebrandt, Jurgen, to Deutsche Nemectron GmbH. Apparatus and method for the stimulation of a human muscle. 4,524,774, 6-25-85, Cl. 128-421.000.
Hildel, Heinz; Schnell, Wolfgang; and Westphal, Gerald, to Triumph-Adler Aktiengesellschaft fur Buro- und Informationstechnik. Photoelectric keyboard. 4,534,668, 8-13-85, Cl. 400-477.000.
Hilden, Leif A.: *See—*
Andersen, Lars H.; and Hilden, Leif A., 4,556,673, Cl. 514-414.000.
Hildner, Ernest: *See—*
Hoover, Richard B., and Hildner, Ernest, 4,562,583, Cl. 378-43.000.
Hildreth, Joseph R. Headrest for chair with soft backrest. 4,498,704, 2-12-85, Cl. 297-397.000.
Hileman, Gregory A.: *See—*
Flynn, Robert G.; Pitkin, Courtney G.; and Hileman, Gregory A., 4,536,399, Cl. 514-63.000.
Hileman, Kenneth R.; Shields, Ronald H.; and Tobey, Lance M., to Lynch Machinery. Modular section molding press and mold clamping and article removal mechanism therefor. 4,531,961, 7-30-85, Cl. 65-164.000.
Hileman, Ronald E., to Sylvania Electric Products Inc. Synchronizing system. 4,545,061, 10-1-85, Cl. 375-119.000.
Hilfiker, Arthur L.: *See—*
Hilfiker, Harold K.; and Hilfiker, Arthur L., 4,505,621, Cl. 405-284.000.
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Hilfiker Pipe Co.: *See—*
Hilfiker, Harold K.; and Hilfiker, Arthur L., 4,505,621, Cl. 405-284.000.
Hilfman, Lee; and O'Hara, Mark J., to UOP Inc. Hydrocracking process. 4,501,655, 2-26-85, Cl. 208-110.000.
Hilgraeve, Incorporated: *See—*
Gray, Matthew H.; and Everett, Robert D., 4,538,719, Cl. 194-100.00A.
Hilgraf, Peter; and Somhegyi, Ivan, to Claudius Peters AG. Distribution of particulate material. 4,529,337, 7-16-85, Cl. 406-163.000.
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Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,504,161, Cl. 400-605.000.
Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., to Phelps Dodge Magnet Wire Co. Apparatus for manufacturing magnet wire. 4,521,173, 6-4-85, Cl. 425-113.000.
Hill, Alfred D.: *See—*
Norton, Charles J.; Falk, David O.; and Hill, Alfred D., 4,548,272, Cl. 166-295.000.
Norton, Charles J.; Falk, David O.; and Hill, Alfred D., 4,561,502, Cl. 166-274.000.
Hill, Amos G.; and Wiens, Arlen J., to Hesston Corporation. High capacity, self-unloading forage hopper. 4,493,601, 1-15-85, Cl. 414-491.000.
Hill, Amos G.; and Garrison, Harold K., to Hesston Corporation. Self-unloading on-the-go forage hopper. 4,494,904, 1-22-85, Cl. 414-491.000.
Hill, Amos G., to Hesston Corporation. Elevator position-control mechanism for rotatable forage container. 4,516,903, 5-14-85, Cl. 414-491.000.
Hill, Arne. Steel truss. 4,506,487, 3-26-85, Cl. 52-690.000.
Hill, Arthur: *See—*
Sims, Cecil W.; and Hill, Arthur, 4,559,487, Cl. 322-24.000.
Hill, Arthur S.: *See—*
Doehnert, Donald F.; and Hill, Arthur S., 4,505,976, Cl. 428-355.000.
Hill, Broadus E., Jr., to Du Pont de Nemours, E. I., and Company. Yarn package. 4,518,133, 5-21-85, Cl. 242-165.000.
Hill, Carl J., deceased; and by Hill, Hazel R., executrix. Method and apparatus for removing meat from the knuckled end of a bone. 4,495,675, 1-29-85, Cl. 17-1.00G.
Hill, Carl J., deceased: *See—*
Hill, William J.; Hill, Carl J., deceased; and Hill, Hazel R., heiress, 4,524,491, Cl. 17-52.000.
Hill, Charles A. Vessel lid attachment. 4,519,520, 5-28-85, Cl. 220-263.000.
Hill, Christine R.: *See—*
Hill, Henry R.; and Hill, Christine R., 4,515,293, Cl. 222-95.000.
Hill, Clifford W., to Union Carbide Corporation. Gas shielded arc torch and collet assembly. 4,543,461, 9-24-85, Cl. 219-75.000.
Hill, Clinton W., to U.S. Plastics Corporation. Gravity switch. 4,513,183, 4-23-85, Cl. 200-61.45R.
Hill, Daryl G. Belt conveyer system and conveyer belt usable therewith. 4,515,265, 5-7-85, Cl. 198-821.000.
Hill, Dennis B., to Hill & Dunn Networks, Inc. Method for strengthening long chain synthetic polymer fibers. 4,540,609, 9-10-85, Cl. 427-343.000.
Hill & Dunn Networks, Inc.: *See—*
Hill, Dennis B., 4,540,609, Cl. 427-343.000.
Hill, Dwight D., to AT&T Bell Laboratories. Method and apparatus for performing range checks. 4,542,456, 9-17-85, Cl. 364-200.000.
Hill, Edward B. Bone plugging apparatus. 4,559,936, 12-24-85, Cl. 128-92.00R.
Hill, Edward C., to United Technologies Corporation. Rotor blade interplatform seal. 4,505,642, 3-19-85, Cl. 416-193.00A.
Hill, Edward C.: *See—*
Kisling, Douglas L.; Hill, Edward C.; and Delahoussaye, Ronald D., 4,558,988, Cl. 416-220.00R.
Hill, Elmer D.: *See—*
Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.
Hill, Frank P., Jr.; Alden, John W., Jr.; and Williams, Harry K., to Combustion Engineering, Inc. Primary manway closure redundant restraint. 4,524,729, 6-25-85, Cl. 122-498.000.
Hill, Frederick J.: *See—*
Ogborne, Graham E.; and Hill, Frederick J., 4,506,503, Cl. 60-39.281.
Hill, Geoffrey E., and Woffinden, Duard S., to Hill, Geoffrey E. Automatic balloon launching system. 4,494,714, 1-22-85, Cl. 244-98.000.
Hill, Graham A.: *See—*
Acklam, Donald J.; Bird, David; and Hill, Graham A., 4,513,235, Cl. 318-685.000.
Hill, H. Wayne, Jr.; and Reed, Jerry O., to Phillips Petroleum Company. Biaxially oriented polyamide film. 4,522,867, 6-11-85, Cl. 428-220.000.
Hill, Harold I.; Norem, Stanley D.; and Targowski, Roger, to Perkin-Elmer Corporation, The. Assembly for positioning a thermogravimetric furnace. 4,537,572, 8-27-85, Cl. 432-55.000.
Hill, Hazel R., executrix: *See—*
Hill, Carl J., deceased; and Hill, Hazel R., executrix, 4,495,675, Cl. 17-1.00G.
Hill, Hazel R., heiress: *See—*
Hill, William J.; Hill, Carl J., deceased; and Hill, Hazel R., heiress, 4,524,491, Cl. 17-52.000.
Hill, Henry R.; and Hill, Christine R. Dispenser for collapsible containers with hydraulic actuation. 4,515,293, 5-7-85, Cl. 222-95.000.
Hill, Howard A.; and Sack, James A., to Hill Laboratories, Inc. Therapeutic traction appliance having self-calibrating mechanism. 4,546,766, 10-15-85, Cl. 128-71.000.
Hill, Howard D.; and Zens, Albert P., to Varian Associates, Inc. NMR probe coil form structure. 4,517,516, 5-14-85, Cl. 324-318.000.
Hill, Hugh A. O.: *See—*
Higgins, Irving J.; Hill, Hugh A. O.; and Plotkin, Elliot V., 4,545,382, Cl. 128-635.000.
Hill, James A.: *See—*
Burtch, John E.; and Hill, James A., 4,555,296, Cl. 156-446.000.
Hill, James B.: *See—*
Borneman, Paul R.; and Hill, James B., 4,533,391, Cl. 75-128.00A.
Hill, James D., to General Kinetics, Inc. High energy degausser. 4,539,619, 9-3-85, Cl. 361-151.000.
Hill, James D., Jr.: *See—*
Long, Delmar D.; and Hill, James D., Jr., 4,528,214, Cl. 427-173.000.
Hill, James J.; and Marven, Al, to Cook International, Inc. Tilt valve. 4,501,409, 2-26-85, Cl. 251-354.000.
Hill, James J.; and Marven, Al, to Cook International, Inc. Ornament including automatic and adjustable valving mechanism. 4,544,086, 10-1-85, Cl. 222-649.000.
Hill, James R.: *See—*
Davies, Richard A.; Lee, Michael W.; Rodenberger, Frank A.; Hill, James R.; Kulavich, David P.; and Sowell, Donald L., 4,496,411, Cl. 156-136.000.
Hill, Jeffrey A.: *See—*
Graef, Harry T.; Hill, Jeffrey A.; Mercer, Scott A.; Newton, Kevin H.; Sedlock, Gerald T.; and Wise, Mark J., 4,544,149, Cl. 271-107.000.
Hill, Jeremy R.; and Malinouskas, Donald, to United States Surgical Corporation. Automatic blood pressure system with servo controlled inflation and deflation. 4,493,326, 1-15-85, Cl. 128-680.000.
Hill, Jerry M., to FMC Corporation. Wheel balancer two plane calibration apparatus and method. 4,494,400, 1-22-85, Cl. 73-1.00B.
Hill, John B.; and Erickson, Robert A., to G. D. Searle & Co. Process for isolating organic compounds and lithium salt complexes useful in said process. 4,529,811, 7-16-85, Cl. 560-121.000.
Hill, John B.: *See—*
Dryden, Hugh L., Jr; and Hill, John B., 4,555,362, Cl. 260-112.50R.
Hill, John C.: *See—*
Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.
Hill, John H.; and Lisboa, Luis S., to American Cyanamid Company. Stick antiperspirant package and process. 4,552,161, 11-12-85, Cl. 132-88.500.
Hill, John P.; and Touchton, James J., to Storage Technology Corporation. Constant bandwidth automatic gain control system. 4,502,021, 2-26-85, Cl. 330-279.000.
Hill, John P.; and Touchton, James J., to Storage Technology Corporation. Low offset position demodular. 4,539,608, 9-3-85, Cl. 360-77.000.
Hill, John W.; and Sword, Anthony J., to Microbot, Inc. Control and force-sensing method and apparatus for motors. 4,535,405, 8-13-85, Cl. 364-400.000.
Hill, John W., to Commonwealth of Australia, The. Minesweeping. 4,535,716, 8-20-85, Cl. 114-221.00R.
Hill, Kenneth W.: *See—*
Winkelbauer, Howard M.; Hill, Kenneth W.; and Wang, Ke-Chin, 4,500,644, Cl. 501-98.000.
Hill, Kevin E., to Milsco Manufacturing Company. Resiliently suspended, tiltable and tethered vehicle operator's seat having fore and aft adjustment. 4,533,110, 8-6-85, Cl. 248-573.000.

Hill, Kevin E., to Milsco Manufacturing Company. Tiltable vehicle seat for backhoes or the like. 4,561,621, 12-31-85, Cl. 248-397.000.

Hill Laboratories, Inc.: *See—*
- Hill, Howard A.; and Sack, James A., 4,546,766, Cl. 128-71.000.

Hill, Larry O.: *See—*
- Cousin, Michael J.; Hill, Larry O.; and Justice, Rhonda G., 4,554,181, Cl. 427-261.000.

Hill, Lawrence B.; Garbis, Dennis; Heller, Robert C.; and Granata, Amedeo J., to General Instrument Corporation. Susceptor for radiant absorption heater system. 4,499,354, 2-12-85, Cl. 219-10.49R.

Hill, Leslie C.: *See—*
- McGhee, James B.; and Tweedie, Thomas D., 4,549,159, Cl. 337-301.000.
- McGhee, James B., 4,549,160, Cl. 337-301.000.

Hill, Martha A.: *See—*
- Zajic, James E.; Hill, Martha A.; Manchester, Donald F.; and Muzika, Karel, 4,559,305, Cl. 435-243.000.

Hill, Michael; Megaw, John H. P. C.; and Harvey, Howard, to Lucas Industries Public Limited Company. Method of an apparatus for welding together metal components. 4,514,613, 4-30-85, Cl. 219-121.0EC.

Hill, Michael L.: *See—*
- Class, Walter H.; Hurwitt, Steven D.; and Hill, Michael L., 4,525,262, Cl. 204-192.00R.

Hill, Michael P., to Dow Corning Limited. Organosiloxanes and preparation thereof. 4,545,980, 10-8-85, Cl. 424-60.000.

Hill, Michael P.; and Pittet, Gilbert H., to Dow Corning Limited. Organosilicon compounds and preparation and use thereof. 4,554,369, 11-19-85, Cl. 556-418.000.

Hill, Michael P., to Dow Corning Limited. Organosilicon compounds and preparation and use thereof. 4,562,278, 12-31-85, Cl. 556-418.000.

Hill, Michael R. H.: *See—*
- Lane, Edward S.; and Hill, Michael R. H., 4,551,358, Cl. 427-126.600.
- Moseley, Patrick T.; and Hill, Michael R. H., 4,508,147, Cl. 141-1.100.

Hill, Norman L.: *See—*
- Maggio, Richard A.; Maggio, Leonard C.; and Hill, Norman L., 4,520,527, Cl. 15-235.800.

Hill, Phillip D.: *See—*
- Tusinski, Joseph; Hill, Phillip D.; and Griffith, John M., 4,547,242, Cl. 156-105.000.

Hill, Phillip E.: *See—*
- Lawrence, Robert H., Jr.; and Hill, Phillip E., 4,499,687, Cl. 47-58.000.

Hill, Richard W.; Skinner, Dewey F.; and Thorsness, Charles B., to United States of America, Energy. Silane-propane ignitor/burner. 4,499,945, 2-19-85, Cl. 166-50.000.

Hill, Robert A.: *See—*
- Wakalopulos, George; Hill, Robert A.; and Peressini, Eugene R., 4,558,450, Cl. 372-87.000.

Hill, Robert J.: *See—*
- Fox, James W.; and Hill, Robert J., 4,517,407, Cl. 174-73.00R.

Hill, Robert L., to Menasco Inc. Thermally efficient shock absorber. 4,529,180, 7-16-85, Cl. 267-64.280.

Hill, Roland J.; and Acarnley, Paul P., to National Research Development Corporation. Stepping motors and drive circuits therefor. 4,520,302, 5-28-85, Cl. 318-696.000.

Hill-Rom Company, Inc.: *See—*
- Fleck, David C.; Novak, Joseph H.; and Koerber, Clement J., Sr., 4,539,560, Cl. 340-573.000.
- Foster, L. Dale, 4,559,656, Cl. 5-236.00R.
- Fullenkamp, Eugene H.; and Lohrey, Cecil R., 4,523,683, Cl. 211-190.000.
- Peck, William, 4,559,655, Cl. 5-66.000.

Hill, Ronald C.; Stein, Richard M.; Bzibziak, Raymond J.; and Goodwill, Robert, to Houdaille Industries, Inc. Punch and ram assembly for punch press. 4,516,448, 5-14-85, Cl. 83-137.000.

Hill, Royce W., to Micro Plastics Inc. Captive panel screw. 4,509,890, 4-9-85, Cl. 411-337.000.

Hill, Royce W., to Micro Plastics Inc. Captive panel screw. 4,557,653, 12-10-85, Cl. 411-337.000.

Hill, Royce W.: *See—*
- Ramey, Carl; Hill, Royce W.; and Beijen, James H., 4,535,925, Cl. 227-55.000.

Hill, Terry E.; Riley, George R.; Linse, Vonne D.; Green, Sheryll C.; and Tack, Paul G., to United States of America, Navy. Apparatus for attaching an underwater explosive pad eye. 4,552,298, 11-12-85, Cl. 228-2.500.

Hill, Thomas C., III, to Tektronix, Inc. Differential amplifier with dynamic thermal balancing. 4,528,516, 7-9-85, Cl. 330-254.000.

Hill, Thomas C., III: *See—*
- Dickey, Eric J.; Hill, Thomas C., III; and Flegal, Robert T., 4,510,461, Cl. 331-1.00A.

Hill, Walter A.: *See—*
- Schwalm, Charles L.; and Hill, Walter A., 4,556,830, Cl. 318-326.000.

Hill, Walter F. Multi-season ski sled. 4,537,412, 8-27-85, Cl. 280-7.120.

Hill, William D.: *See—*
- Benson, Michael R.; Hill, William D.; OBrien, Garrett G.; and Hollenbeck, Dennis W., 4,495,655, Cl. 455-603.000.
- Benson, Michael R.; and Hill, William D., 4,556,329, Cl. 374-173.000.
- Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.
- Holoyda, Peter W.; Hollenbeck, Dennis W.; and Hill, William D., 4,498,196, Cl. 455-607.000.
- Stackhouse, Kenneth B.; and Hill, William D., 4,519,090, Cl. 377-29.000.

Hill, William F., to Lucas Industries Inc. Position transducer for an internal combustion engine function control system. 4,531,090, 7-23-85, Cl. 324-208.000.

Hill, William J.; Hill, Carl J., deceased; and by Hill, Hazel R., heiress. Gizzard harvesting apparatus and process. 4,524,491, 6-25-85, Cl. 17-52.000.

Hillary, Brian, to WKR Limited. Electrical socket connector. 4,493,517, 1-15-85, Cl. 339-42.000.

Hille, Hans-Dieter; and Harten, Rolf, to BASF Farben & Fasern AG. Aqueous dispersions based on a polyurethane synthetic resin. 4,496,675, 1-29-85, Cl. 524-77.000.

Hille, Hans-Dieter: *See—*
- Diefenbach, Horst; Dobbelstein, Arnold; and Hille, Hans-Dieter, 4,554,212, Cl. 428-413.000.
- Drexler, Hermann-Josef; Ebner, Franz; Hille, Hans-Dieter; and Poth, Ulrich, 4,558,090, Cl. 524-591.000.

Hille, Martin: *See—*
- Ritschel, Werner; Diery, Helmut; and Hille, Martin, 4,536,339, Cl. 260-404.500.

Hillekamp, Klaus, to Deutsche Kommunal-Anlagen Miete GmbH. Method of and an apparatus for scrubbing pyrolysis gases. 4,552,732, 11-12-85, Cl. 423-210.000.

Hillel, Arie; and Borovsky, Simcha, to IPCO Corporation. Infusion monitor. 4,496,351, 1-29-85, Cl. 604-250.000.

Hillel, Arie; and Borovsky, Simcha, to IPCO Corporation. Infusion monitor. 4,507,112, 3-26-85, Cl. 604-65.000.

Hillemanns, Herbert; Samans, Robert; and Meyer, Walter, to Mannesmann Aktiengesellschaft. Method and apparatus for the recovery of spraying substance when spraying elongated rolled stock. 4,520,047, 5-28-85, Cl. 427-331.000.

Hillen, Kenneth K.: *See—*
- Den Beste, Steven C.; Boyce, Douglas G.; Blattner, John D.; and Hillen, Kenneth K., 4,558,422, Cl. 364-480.000.

Hillenbrand, Louis J.: *See—*
- Preston, Joseph R.; and Hillenbrand, Louis J., 4,557,807, Cl. 204-4.000.

Hillenius, Steven J.; and Parrillo, Louis C., to AT&T Bell Laboratories. CMOS integrated circuit technology utilizing dual implantation of slow and fast diffusing donor ions to form the n-well. 4,554,726, 11-26-85, Cl. 29-571.000.

Hiller, Donald R.; and Kingsford-Smith, Charles, to Hewlett-Packard Company. Analog to digital converter. 4,550,309, 10-29-85, Cl. 340-347.0AD.

Hiller, Heinz; Supp, Emil; Marschner, Friedemann; Kupfer, Hans; and Weidemann, Lutz, to Metallgesellschaft Aktiengesellschaft. Reactor for producing methanol and process. 4,559,207, 12-17-85, Cl. 422-197.000.

Hiller, Irving A.: *See—*
- Salmon, John K.; and Hiller, Irving A., 4,522,285, Cl. 187-22.000.

Hiller, John J., Jr.: *See—*
- Pregozen, David; and Hiller, John J., Jr., 4,559,151, Cl. 252-8.800.

Hillerich, Bernd, to Philips Kommunikations Industrie AG. Method for measuring impulse delays and fault locations in cables and light wave conductors. 4,527,113, 7-2-85, Cl. 324-52.000.

Hilliard, William G.: *See—*
- Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., 4,536,205, Cl. 65-135.000.
- Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., 4,544,396, Cl. 65-178.000.

Hilliker, Richard A.: *See—*
- Peters, Rex B.; Tonn, Jeffrey F.; Malametz, Arnold; Hilliker, Richard A.; and Corey, Victor B., 4,517,841, Cl. 73-517.0AV.

Hillion, Gerard: *See—*
- Stern, Robert; and Hillion, Gerard, 4,554,397, Cl. 585-638.000.

Hillis, Maurice R. Method and apparatus for etching copper. 4,545,877, 10-8-85, Cl. 204-130.000.

Hillis, William J. Portable fire hose cleaning apparatus. 4,502,175, 3-5-85, Cl. 15-104.920.

Hillman, Arthur E.: *See—*
- Belmonte, James A.; and Hillman, Arthur E., 4,557,962, Cl. 428-117.000.

Hillman, Carl M.; and Dragon, James W., to McGraw-Edison Company. Fuse mounting for pad mounted underground distribution system. 4,491,898, 1-1-85, Cl. 361-432.000.

Hillman, Gary, to Machine Technology, Inc. Method and apparatus for dispensing liquid. 4,519,526, 5-28-85, Cl. 222-212.000.

Hillman, Gary: *See—*
- Devico, Michael J.; and Hillman, Gary, 4,517,752, Cl. 34-58.000.

Hillman, Joseph T.; and Miller, Michael B., to Cincinnati Milacron Inc. Vacuum handling apparatus. 4,496,180, 1-29-85, Cl. 294-64.00R.

Hillman, Kevin P.: *See—*
- Butcher, Ian; Carrick, Gordon S.; and Hillman, Kevin P., 4,542,028, Cl. 425-100.000.

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- Litherland, James A. F., 4,557,488, Cl. 277-27.000.

Hillmann, Hans; and Springer, Engelbert, to Vacuumschmelze GmbH. Stabilized super-conductor having a diffusion-inhibiting layer therein and method of producing same. 4,501,062, 2-26-85, Cl. 29-599.000.

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Hillock, Edward E. Small craft plug detector. 4,542,373, 9-17-85, Cl. 340-568.000.

Hillquist, Paul A. Convertible jacket. 4,554,682, 11-26-85, Cl. 2-70.000.

Hills, Joseph F., to Jimmy's Radio & Television Corp. Automotive sound system. 4,513,405, 4-23-85, Cl. 369-12.000.

Hills, Marian E.: *See—*
- Bottka, Nicholas; Lessoff, Howard; and Hills, Marian E., 4,492,434, Cl. 350-356.000.

Hills, Maynard J.: *See—*
- Janisiewicz, Stanley W.; Hills, Maynard J.; and Lovell, Edward J., 4,500,246, Cl. 414-414.000.

Hills, Michael T.; and Heinrich, Raymond L., to National Information Utilities Corporation. Digital partial response filter. 4,558,454, 12-10-85, Cl. 375-18.000.

Hillsberry, Jerl D. Auxiliary mattress corners. 4,539,723, 9-10-85, Cl. 5-504.000.

Hillstrom, Kennert E. G.; and Fransson, Rolf G., to Victor Hasselblad Aktiebolag. Slide guide adjusting device at slide projector. 4,534,631, 8-13-85, Cl. 353-95.000.

Hilmersson, Anders; Lagerstedt, Jan; and Andersson, Helge, to Tetra Pak International AB. Apparatus for the volatilization of a liquid. 4,512,935, 4-23-85, Cl. 261-79.00A.

Hilpert, Fritz; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, to International Business Machines Corporation. Print head for an electroerosion printer. 4,542,393, 9-17-85, Cl. 346-163.000.

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Hilsum, Cyril, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Liquid crystal reusable signature comparison. 4,525,032, 6-25-85, Cl. 350-331.00R.

Hilsum, Cyril; and Raynes, Edward P., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Touch sensitive liquid crystal switch. 4,529,968, 7-16-85, Cl. 340-365.00C.

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Hilt, Milton B.: *See—*
- Davis, L. Berkley, Jr.; Hilt, Milton B.; and Wilkes, Colin, 4,534,165, Cl. 60-39.020.

Hilti Aktiengesellschaft: *See—*
- Bergner, Arndt, 4,501,520, Cl. 411-21.000.
- Gassner, Theo; Hann, Bruno; and Kindle, Edwin, 4,554,861, Cl. 91-446.000.
- Gebauer, Ludwig; Irmscher, Hans-Jurgen; Lang, Gusztav; and Mauthe, Peter, 4,518,283, Cl. 405-260.000.
- Gloor, Peter; Gschwend, Hans; Mark, Fritz; and Matt, Lukas, 4,530,454, Cl. 227-129.000.
- Herb, Armin; and Froehlich, Peter, 4,560,311, Cl. 411-44.000.
- Hoffmann, Armin; and Herb, Armin, 4,522,316, Cl. 222-327.000.
- Hunger, Josef; Klueber, Wilhelm; and Regelsberger, Wolfgang, 4,491,445, Cl. 409-234.000.
- Hunger, Josef; and Neumaier, Anton, 4,536,109, Cl. 408-240.000.
- Jochum, Peter, 4,533,077, Cl. 227-156.000.
- Jochum, Peter, 4,534,500, Cl. 227-7.000.
- Klueber, Wilhelm, 4,508,180, Cl. 173-104.000.
- Klueber, Wilhelm; Bloeckinger, Peter; and Theissig, Werner, 4,529,044, Cl. 173-48.000.
- Kolter, Martin, 4,546,235, Cl. 219-230.000.
- Lang, Gusztav; Hoffmann, Armin; and Bisping, Heinz, 4,518,291, Cl. 411-60.000.
- Listemann, Peter; and Monch, Sigurd, 4,518,662, Cl. 428-675.000.
- Rumpp, Gerhard; Spieth, Manfred; and Scholz, Dieter, 4,491,444, Cl. 409-234.000.
- Rumpp, Gerhard; and Scholz, Dieter, 4,549,616, Cl. 175-394.000.
- Rupprecht, Hans; and Hoyss, Franz, 4,540,149, Cl. 248-669.000.
- Uhlig, Raimer, 4,494,347, Cl. 52-508.000.

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Hiltner, Jeffrey A.: *See—*
- Briley, Bruce E.; and Hiltner, Jeffrey A., 4,535,360, Cl. 358-181.000.

Hilton, Allan R., to Hilton (Products) Limited. Personnel elevating apparatus. 4,503,932, 3-12-85, Cl. 182-113.000.

Hilton, Allan R., to Hilton (Products) Limited. Workbenches. 4,555,099, 11-26-85, Cl. 269-88.000.

Hilton, Carl W.; and Bullard, Harold L., to Return on Investment Corporation. Cruise control modulator. 4,561,517, 12-31-85, Cl. 180-175.000.

Hilton, Charles B.: *See—*
- Davenport, Kenneth G.; and Hilton, Charles B., 4,524,217, Cl. 564-223.000.
- Davenport, Kenneth G.; and Hilton, Charles B., 4,560,789, Cl. 560-142.000.

Hilton-Davis Chemical Co., The: *See—*
- Crounse, Nathan N., 4,536,570, Cl. 534-819.000.
- Gunn, Michael B.; and Hung, William M., 4,561,001, Cl. 346-218.000.
- Hung, William M.; and Jefferies, Patrick J., 4,536,367, Cl. 422-37.000.
- Hung, William M.; and Knox, Jack M., 4,536,368, Cl. 422-37.000.
- Hung, William M., 4,549,192, Cl. 346-218.000.
- Hung, William M., 4,551,740, Cl. 346-218.000.
- Rebhahn, Robert W. J.; Kassner, James E.; and Werner, Raymond E., 4,537,971, Cl. 546-320.000.
- Rebhahn, Robert W. J.; and Cook, Wayne L., 4,560,746, Cl. 534-840.000.
- Schmidt, Paul J.; and Hung, William M., 4,494,989, Cl. 106-21.000.
- Schmidt, Paul J.; and Hung, William M., 4,507,483, Cl. 546-201.000.
- Schmidt, Paul J.; and Hung, William M., 4,515,971, Cl. 549-225.000.
- Schmidt, Paul J.; and Jefferies, Patrick J., 4,528,136, Cl. 260-391.000.
- Schmidt, Paul J.; and Hung, William M., 4,535,172, Cl. 549-310.000.
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- Schmidt, Paul J.; and Hung, William M., 4,540,790, Cl. 546-283.000.
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Hilton, Graham H., to De La Rue Systems Limited. Detecting the condition of a sheet. 4,493,994, 1-15-85, Cl. 250-223.00R.

Hilton, Graham H.; and Curl, Barry J., to De La Rue Systems Limited. Optical detection system for features on a sheet or web. 4,553,846, 11-19-85, Cl. 356-429.000.

Hilton, Kenneth R.: *See—*
- McCreedy, Kathleen M.; and Hilton, Kenneth R., 4,493,927, Cl. 528-381.000.

Hilton (Products) Limited: *See—*
- Hilton, Allan R., 4,503,932, Cl. 182-113.000.
- Hilton, Allan R., 4,555,099, Cl. 269-88.000.

Hilts, John R. Method for preventing cylinder head warpage, and over-heating of internal combustion engines. 4,545,101, 10-8-85, Cl. 29-156.40R.

Hilts, Robert L.; and Crow, Robert W., to Otis Engineering Corporation. Apparatus and methods for orienting devices in side pocket mandrels. 4,524,833, 6-25-85, Cl. 166-381.000.

Hilty, Ronald L.: *See—*
- Woodward, Stewart A.; Hilty, Ronald L.; and Stoll, Donald H., 4,512,199, Cl. 73-725.000.

Hiltz, Dale V., to Keeler Brass Company. Furniture article with compression hub for joining radial members. 4,501,512, 2-26-85, Cl. 403-170.000.

Hiltz, Paul J. Multi-functional square and angle marking tool having extendable stops. 4,506,451, 3-26-85, Cl. 33-451.000.

Hilvenna Limited: *See—*
- Saxby, Michael E., 4,531,458, Cl. 102-440.000.
- Saxby, Michael E., 4,539,969, Cl. 124-57.000.

Himeno, Kiyoshi: *See—*
- Niwa, Toshio; Himeno, Kiyoshi; and Maeda, Shuichi, 4,494,957, Cl. 8-639.000.
- Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, 4,505,715, Cl. 8-639.000.
- Niwa, Toshio; Himeno, Kiyoshi; and Hihara, Toshio, 4,507,476, Cl. 544-187.000.
- Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, 4,542,207, Cl. 534-630.000.

Himes, Glenn R., to Shell Oil Company. Dull, smooth unit soles. 4,520,138, 5-28-85, Cl. 521-91.000.

Himes, James F., to UOP Inc. HF regeneration in aromatic hydrocarbon alkylation process. 4,503,277, 3-5-85, Cl. 585-455.000.

Himes, Ronald E.: *See—*
- Almond, Stephen W.; and Himes, Ronald E., 4,552,215, Cl. 166-278.000.

Himmelbauer, Alain J.; and Poubelle, Regis J. P., to U.S. Philips Corporation. Cordless telephone system with security coding. 4,535,200, 8-13-85, Cl. 179-2.0EA.

Himmelbauer, Erich E., to U.S. Philips Corporation. Low-loss cathode for a television camera tube. 4,547,694, 10-15-85, Cl. 313-384.000.

Himmelberger, John E.; and Scharf, James O., to Harvey Hubbell Incorporated. Apparatus for making armored electrical cable. 4,539,739, 9-10-85, Cl. 29-564.100.

Himmele, Walter: *See—*
- Becker, Rainer; Jahn, Dieter; Keil, Michael; Himmele, Walter; and Wuerzer, Bruno, 4,517,013, Cl. 71-98.000.

Himmelmann, Wolfgang; Sackmann, Gunter; and Meyer, Rudolf, to AGFA-Gevaert, A.G. Photographic silver halide recording material with graft copolymer particles in outer layer. 4,524,131, 6-18-85, Cl. 430-523.000.

Himmelmann, Wolfgang: *See—*
- Helling, Gunter; and Himmelmann, Wolfgang, 4,548,887, Cl. 430-213.000.

Himmelmann, Wolgang, to AGFA-Gevaert, A.G. Process for hardening photographic gelatin with vinyl sulfones containing sulfonyl ethyl sulfate groups. 4,543,324, 9-24-85, Cl. 430-622.000.

Himmelstein, Sydney, to S. Himmelstein and Company. Fluid leak testing method. 4,542,643, 9-24-85, Cl. 73-49.200.

Himmetsberger, Alois: *See—*
- Svoboda, Josef; Himmetsberger, Alois; and Szabo, Emilie, 4,524,990, Cl. 280-633.000.

Himmler, Gunther; and Wenz, Friedrich, to Gebr. Hofmann GmbH & Co. KG. Method and apparatus for controlling the quality of tires. 4,545,239, 10-8-85, Cl. 73-146.000.

HIMONT Incorporated: *See—*
- Matlack, Albert S., 4,532,313, Cl. 526-125.000.

- Himori, Hirotsugu: *See—*
  - Dobashi, Akihiko; Ohta, Tomohisa; Himori, Hirotsugu; and Sekine, Hideo, 4,544,573, Cl. 427-44.000.
- Himpsl, Francis L.: *See—*
  - Andrews, Robert W.; Himpsl, Francis L.; Horvath, Eugene B.; and Speronello, Barry K., 4,520,119, Cl. 502-67.000.
- Himsley, Alexander; and Bennett, John A., to Himsley Engineering Limited. Piping for use in liquid collection and distribution. 4,536,287, 8-20-85, Cl. 210-293.000.
- Himsley Engineering Limited: *See—*
  - Himsley, Alexander; and Bennett, John A., 4,536,287, Cl. 210-293.000.
- Himukai, Mamoru, to Sanyo Electric Co., Ltd. Vacuum cleaner. 4,545,794, 10-8-85, Cl. 55-362.000.
- Himukashi, Yoshinori: *See—*
  - Kawahito, Takashi; Himukashi, Yoshinori; and Yamada, Tetsuo, 4,517,168, Cl. 423-344.000.
- Hinchcliffe, Dennis; and Wright, Anthony P., to Molins PLC. Packing machine control. 4,505,091, 3-19-85, Cl. 53-444.000.
- Hinchcliffe, Dennis, to Molins PLC. Apparatus for applying adhesive. 4,562,099, 12-31-85, Cl. 427-282.000.
- Hinchcliffe, Dennis: *See—*
  - Green, Robert J.; and Hinchcliffe, Dennis, 4,496,055, Cl. 209-536.000.
- Hincklieff, Ian R.: *See—*
  - Allen, Christopher M.; and Hincklieff, Ian R., 4,548,989, Cl. 525-101.000.
- Hinde, Walter R.: *See—*
  - Nieminski, Robert A.; and Hinde, Walter R., 4,513,839, Cl. 180-253.000.
- Hinden, Jean: *See—*
  - Katz, Michael; Hinden, Jean; and Gauger, Jurgen, 4,552,857, Cl. 502-101.000.
- Hinden, Jean M.; Ernes, Lynne M.; and Visel, Patrick E., to Eltech Systems Corporation. Electrocatalytic electrode. 4,517,068, 5-14-85, Cl. 204-283.000.
- Hinden, Jean M.: *See—*
  - Beer, Henri B.; and Hinden, Jean M., 4,528,084, Cl. 204-290.00F.
  - Beer, Henri B.; Katz, Michael; and Hinden, Jean M., 4,543,174, Cl. 204-290.00R.
  - Beer, Henri B.; Hinden, Jean M.; Honard, Mark R.; Bishara, Jeries I.; and Walker, Joseph K., Jr., 4,543,348, Cl. 502-101.000.
- Hinden, Milton. Universal strap tightening tool. 4,561,475, 12-31-85, Cl. 140-123.500.
- Hinderer, Robert F., to Federal-Mogul Corporation. Halogen-containing elastomer composition, and vulcanizing process using dimercaptothiodiazole and dithiocarbamate curing system. 4,524,185, 6-18-85, Cl. 525-328.200.
- Hinderling, Thomas: *See—*
  - Friedli, Paul; Hinderling, Thomas; and Begle, Guntram, 4,518,909, Cl. 318-566.000.
- Hindermyer, Charles. Fishing lure. 4,520,588, 6-4-85, Cl. 43-42.060.
- Hinders-Leslies Limited: *See—*
  - King, Paul E.; and Wilson, Harold C. S., 4,509,944, Cl. 604-53.000.
- Hindlin, Harry O.: *See—*
  - Andrew, Wesley A.; Shields, Curtis E.; Hindlin, Harry O.; and Hamilton, Robert, 4,533,333, Cl. 441-38.000.
- Hindman, David B.; Gerlach, Lawrence L.; and Wallace, Bruce A., to French Systems, Inc. Hot cullet handling apparatus. 4,549,893, 10-29-85, Cl. 65-28.000.
- Hinds, Kenneth W. Diesel fuel heater. 4,499,886, 2-19-85, Cl. 123-557.000.
- Hinds, Philbirt F. Incubator with pyramidal top portion. 4,501,228, 2-26-85, Cl. 119-37.000.
- Hine, Jean-Patrick; and McGaffigan, Thomas H., to Raychem Corporation. Array package connector. 4,505,532, 3-19-85, Cl. 339-75.00M.
- Hine, Jean Patrick: *See—*
  - Flot, Regis; and Hine, Jean Patrick, 4,510,827, Cl. 81-9.400.
- Hine, Shiro, to Mitsubishi Denki Kabushiki Kaisha. Method of manufacturing semiconductor device utilizing selective epitaxial growth under reduced pressure. 4,547,231, 10-15-85, Cl. 148-175.000.
- Hineline, Edson S., Jr.: *See—*
  - Bench, Ronald W.; and Hineline, Edson S., Jr., 4,508,938, Cl. 179-90.0BD.
- Hineno, Satoshi: *See—*
  - Suzuki, Junichi; Maruta, Keiji; Noborimoto, Kazutaka; and Hineno, Satoshi, 4,507,765, Cl. 369-45.000.
- Hinenoya, Saburo: *See—*
  - Fukui, Osamu; Inuizawa, Yoshihiro; Hinenoya, Saburo; and Takasaki, Yasufumi, 4,562,230, Cl. 525-74.000.
- Hines, Gordon E.; and Kerlin, Jack H., to Hines Industries, Inc. Drill press mounting apparatus for balancing machine. 4,556,346, 12-3-85, Cl. 408-88.000.
- Hines Industries, Inc.: *See—*
  - Hines, Gordon E.; and Kerlin, Jack H., 4,556,346, Cl. 408-88.000.
- Hines, James H., to Vending Components, Inc. Keg-tapping assembly. 4,538,746, 9-3-85, Cl. 222-153.000.
- Hines, John E.: *See—*
  - Deering, Roland F.; Hines, John E.; and Dhondt, Roland O., deceased, 4,556,458, Cl. 202-227.000.
- Hines, Stephen P., to Walt Disney Productions. Camera assembly for three-dimensional photography. 4,557,570, 12-10-85, Cl. 354-113.000.
- Hing, Sam A.; and Guillien, Michel, to Motorola, Inc. Signal processing arrangement. 4,513,178, 4-23-85, Cl. 179-81.00R.
- Hing, Samath; and Guillien, Michel, to Motorola, Inc. Regulator circuit. 4,549,129, 10-22-85, Cl. 323-276.000.
- Hingley, Colin G.: *See—*
  - Tallian, Tibor E.; and Hingley, Colin G., 4,557,613, Cl. 384-568.000.
- Hini, Eugen: *See—*
  - Schuller, Edmund; Mayer, Walter; Hini, Eugen; Bock, Erich; and Lovas, Kurt, 4,501,116, Cl. 57-263.000.
- Hiniker Company: *See—*
  - Hiniker, Thomas K.; and Bush, Vincent N., 4,530,463, Cl. 239-71.000.
  - Peterson, Richard L.; and Scheurer, Roger J., 4,518,047, Cl. 172-611.000.
  - Peterson, Richard L.; Scheurer, Roger J.; and Steinberg, Richard W., 4,520,876, Cl. 172-427.000.
  - Peterson, Richard L.; Johnson, James A.; Scheurer, Roger J.; and Steinberg, Richard W., 4,560,011, Cl. 172-194.000.
- Hiniker, Thomas K.; and Bush, Vincent N., to Hiniker Company. Control method and apparatus for liquid distributor. 4,530,463, 7-23-85, Cl. 239-71.000.
- Hink, Walter F., Jr., to Ohio State University Research Foundation, The. Process and medium for culturing ant venom gland cells. 4,554,251, 11-19-85, Cl. 435-240.000.
- Hinke, Walter, to Robert Bosch GmbH. Rotary angular position sensor with magnet and pole disk assembly mounted on rotatable shaft. 4,503,391, 3-5-85, Cl. 324-208.000.
- Hinke, Walter; and Kaiser, Harry, to Robert Bosch GmbH. High-output magnetic field transducer. 4,538,082, 8-27-85, Cl. 310-152.000.
- Hinkel, Holger: *See—*
  - Ertingshausen, Friedrich; Heinrich, Volker; Hinkel, Holger; Kaus, Gerhard; Kempf, Jurgen; Nauth, Hans-Georg; and Schrader, Manfred, 4,549,238, Cl. 360-103.000.
- Hinkel, Jerald J., to Dow Chemical Company, The. Breaker system for high viscosity fluids. 4,560,486, 12-24-85, Cl. 252-8.55R.
- Hinkel, Jerald J.: *See—*
  - Settineri, William J.; Charles, John G.; Hinkel, Jerald J.; and Malone, Bradley P., 4,536,222, Cl. 134-5.000.
- Hinkel, Walter W., to Goodyear Tire & Rubber Company, The. Pneumatic tire tread. 4,550,756, 11-5-85, Cl. 152-209.00R.
- Hinkemeyer, Roy T., to Vision-Ease Corporation, The. Axis alignment gauge. 4,503,620, 3-12-85, Cl. 33-185.00R.
- Hinkhouse, Lysle R.: *See—*
  - Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., 4,501,541, Cl. 425-117.000.
  - Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., 4,542,887, Cl. 264-46.400.
  - Hulsebusch, William H.; and Hinkhouse, Lysle R., 4,547,920, Cl. 5-468.000.
- Hinkle, Donald H., to Dana Corporation. Extractor tool. 4,507,837, 4-2-85, Cl. 29-262.000.
- Hinkle, John F., Jr.: *See—*
  - Breuninger, Robert E., 4,520,753, Cl. 118-500.000.
- Hinkle, Philip: *See—*
  - Thompson, Richard T.; Hinkle, Philip; and Carroll, Robert B., 4,550,041, Cl. 428-35.000.
- Hinkle, Robert W.; and O'Hagan, Michael, to Texas Instruments Incorporated. Method and apparatus for automatic distress call signal transmission. 4,547,778, 10-15-85, Cl. 343-456.000.
- Hinks, William L., to Goodyear Tire & Rubber Company, The. Green tire-to-mold contact time detection, analysis, and control. 4,502,857, 3-5-85, Cl. 425-29.000.
- Hinlein, Sigmund; and Parikh, Shyam C., to Digital Equipment Corporation. Disk hub spindle system. 4,503,530, 3-5-85, Cl. 369-270.000.
- Hinman, P. Anthony, to Hitco. Reaction product of polyol and a metal carbonyl/pyrrolidine complex. 4,496,740, 1-29-85, Cl. 548-402.000.
- Hinman, P. Anthony, to Hitco. Reaction product of tungsten carbonyl/pyrrolidine complex with a furan acid. 4,540,764, 9-10-85, Cl. 528-9.000.
- Hinn, Werner; and Fecht, Hans-Rudolf, to RCA Corporation. Noise suppressing interface circuit in a kinescope bias control system. 4,502,073, 2-26-85, Cl. 358-10.000.
- Hinn, Werner; and Fecht, Hans-Rudolf, to RCA Corporation. Apparatus for accurate adjustment of kinescope black level bias. 4,518,986, 5-21-85, Cl. 358-65.000.
- Hinn, Werner, to RCA Corporation. Video signal DC restoration circuit. 4,549,214, 10-22-85, Cl. 358-172.000.
- Hinnen, John. Activity center. 4,545,768, 10-8-85, Cl. 434-304.000.
- Hinnenkamp, James A.: *See—*
  - Scheben, John A.; and Hinnenkamp, James A., 4,499,298, Cl. 560-241.000.
- Hino, Hiromasa, to Fuji Photo Film Co., Ltd. Recording error-prevention system. 4,516,846, 5-14-85, Cl. 354-465.000.
- Hino, Hiromasa, to Fuji Photo Film Co., Ltd. Rotary head for magnetic tape record and playback. 4,517,615, 5-14-85, Cl. 360-108.000.
- Hino Jidosha Kogyo Kabushiki Kaisha: *See—*
  - Sato, Akihiko; and Watanabe, Akira, 4,527,392, Cl. 60-313.000.
  - Tsuruoka, Shingo, 4,538,566, Cl. 123-276.000.
- Hino, Kazuhiko, to Fuji Electric Co., Ltd. Medical bed with sheet retaining means. 4,498,205, 2-12-85, Cl. 5-449.000.
- Hino, Masao: *See—*
  - Honda, Mitsuyasu; Hino, Masao; and Seto, Toru, 4,544,525, Cl. 422-171.000.
- Hino, Masatoshi: *See—*
  - Sakai, Toshiyuki; Ohta, Yuichi; Minoh, Michihiko; and Hino, Masatoshi, 4,525,747, Cl. 358-284.000.
- Hino, Naganori: *See—*
  - Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,540,824, Cl. 568-45.000.

Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,545,812, Cl. 71-103.000.

Hino, Takao: *See—*

Wachi, Sadayuki; Ohiwa, Kenichi; Shimada, Yasuo; and Hino, Takao, 4,553,931, Cl. 432-246.000.

Hino, Takio: *See—*

Ariki, Yusaku; Hino, Takio; and Yoshida, Noboru, 4,507,514, Cl. 570-262.000.

Hino, Toshiyuki; and Masuno, Katsuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Ignition system for internal combustion engine. 4,499,888, 2-19-85, Cl. 123-615.000.

Hino, Toshiyuki: *See—*

Saita, Toshikazu; Hino, Toshiyuki; and Matsumura, Masami, 4,561,412, Cl. 123-617.000.

Hino, Yushi: *See—*

Yonekura, Kenichi; Asami, Kazuto; Hino, Yushi; and Yagi, Katsumi, 4,531,625, Cl. 194-102.000.

Hinoda, Seisuke; Hirano, Masao; Kato, Mitsutaka; and Yasuda, Hirohiko, to Omron Tateisi Electronics Co. Color sensing device. 4,547,074, 10-15-85, Cl. 356-405.000.

Hinohara, Yoshikazu: *See—*

Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.

Hinojosa, Alberto L.; Kim, Kee; and Chickering, Kenton, III, to Daniel Industries, Inc. Valve mechanism with replaceable seal rings. 4,512,359, 4-23-85, Cl. 137-315.000.

Hinomaru Seni Co., Ltd.: *See—*

Kunieda, Hirohiko, 4,535,480, Cl. 2-079.000.

Hinoto, Yuji: *See—*

Kimura, Shigeo; Somezawa, Masashi; Hinoto, Yuji; and Yoshioka, Hiroshi, 4,501,801, Cl. 428-447.000.

Hinrichs, James O., to Fike Metal Products Corporation. High reverse pressure resistant low forward burst pressure rupture disc assembly. 4,505,180, 3-19-85, Cl. 89-8.000.

Hinrichs, Randall D.: *See—*

Goss, Gary J.; Moles, Robert G. H.; Hinrichs, Randall D.; and Holtey, Thomas O., 4,542,517, Cl. 375-36.000.

Goss, Gary J.; Moles, Robert G. H.; and Hinrichs, Randall D., 4,558,409, Cl. 364-200.000.

Hinrichs, Richard J.; and Thuen, Judy, to Applied Polymer Technology, Inc. Control system for processing composite material. 4,515,545, 5-7-85, Cl. 425-143.000.

Hinrichs, Richard J.; and Thuen, Judy, to Applied Polymer Technology, Inc. Method for determining resin viscosity with ultrasonic waves. 4,559,810, 12-24-85, Cl. 73-54.000.

Hinrichs, Walter; Hammer, Friedrich; and Lange, Ludwig, to Degussa Aktiengesellschaft. Process for the continuous production of solid alkali metal strands. 4,536,938, 8-27-85, Cl. 29-527.500.

Hinsch, Bernhard, to Ethicon, Inc. Surgical filament from polypropylene blended with polyethylene. 4,557,264, 12-10-85, Cl. 128-335.500.

Hinshaw, David L.: *See—*

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Hinshaw, Jay: *See—*

Walworth, Robert S.; Hinshaw, Jay; and LaBotz, Arnold H., 4,557,080, Cl. 52-9.000.

Hinshaw, Virginia S.: *See—*

Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., 4,552,757, Cl. 424-89.000.

Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., 4,552,758, Cl. 424-89.000.

Hinson, Virgil H.: *See—*

Jarman, Davis R.; and Hinson, Virgil H., 4,513,508, Cl. 33-288.000.

Hinssen, Hans-Klemens; Katscher, Werner; Loenissen, Karl-Josef; Moormann, Rainer; Seeboth, Heinz; Stauch, Bernhard; and Thelen, Josef, to Kernforschungsanlage Julich GmbH. Heat-aided method for separating the graphite matrix from the nuclear fuel of nuclear reactor fuel elements. 4,507,267, 3-26-85, Cl. 423-4.000.

Hintermann, Hans E.; and Hertz, Dominique, to Laboratoire Suisse de Recherches Horlogeres. Hot chamber die casting of aluminum and its alloys. 4,556,098, 12-3-85, Cl. 164-316.000.

Hintermann, Hans-Erich: *See—*

Lammer, Johann; Kocher, Hans R.; and Hintermann, Hans-Erich, 4,522,453, Cl. 308-3.00R.

Sekler, Jorg; Zumsteg, Alphonse E.; and Hintermann, Hans-Erich, 4,561,286, Cl. 73-23.000.

Hintermayr, Kurt: *See—*

Gunther, Walter; and Hintermayr, Kurt, 4,541,831, Cl. 8-648.000.

Hintermeier, Karl: *See—*

Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, 4,535,031, Cl. 428-481.000.

Hintner, Josef, to Knorr-Bremse GmbH. Pulsating brake accelerator for rail vehicle air brake. 4,552,411, 11-12-85, Cl. 303-37.000.

Hinton, Dennis L.: *See—*

Berecz, Imre; and Hinton, Dennis L., 4,546,833, Cl. 173-12.000.

Hinton, George F., to United States of America, Navy. Free nuclear precession gradiometer system. 4,546,317, 10-8-85, Cl. 324-301.000.

Hinton, Gordon L., to Weyerhaeuser Company. Partitioned container with collapsible bottom. 4,530,460, 7-23-85, Cl. 229-27.000.

Hintsa, Roy A., to Decoustics Limited. Concealed suspended ceiling system. 4,548,010, 10-22-85, Cl. 52-484.000.

Hintsch, Otto; and Julich, Werner, to Sulzer Brothers Limited. Clutch arrangement for controlling a heddle of a weaving machine. 4,497,346, 2-5-85, Cl. 139-66.00R.

Hintsch, Otto, to Sulzer Brothers Limited. Gripper projectile for a weaving machine. 4,508,146, 4-2-85, Cl. 139-196.200.

Hintsch, Otto; and Schmitz, Gerd, to Sulzer Brothers Limited. Lubricator for a weft picking element in a weaving machine. 4,518,019, 5-21-85, Cl. 139-1.00R.

Hintze, Richard A., to Evans & Sutherland Computer Corp. Shadow mask color system with calligraphic displays. 4,499,457, 2-12-85, Cl. 340-703.000.

Hintzen, Franz-Josef: *See—*

Trage, Burghard; Hintzen, Franz-Josef; and Leitz, Richard, 4,550,570, Cl. 60-693.000.

Hintzmann, Manfred: *See—*

Papenfuhs, Theodor; and Hintzmann, Manfred, 4,540,815, Cl. 564-216.000.

Hinz, Jurgen: *See—*

Lindner, Christian; Uerdingen, Walter; Hinz, Jurgen; and Trabert, Ludwig, 4,522,964, Cl. 524-71.000.

Hinz, Lorne C.: *See—*

Dupuis, Claude R.; and Hinz, Lorne C., 4,521,643, Cl. 179-2.0DP.

Hinze, Heinz-Joachim; Soder, Alfons; and Popendiker, Kurt, to Hoechst Aktiengesellschaft. Pharmaceutical compositions. 4,515,795, 5-7-85, Cl. 514-263.000.

Hinze, Klaus: *See—*

Fricke, Reinhard L.; Hinze, Klaus; Huth, Manfred K. O.; and Wisskirchen, Klaus B., 4,514,609, Cl. 200-159.00A.

Hinzmann, Alfred, to Hauni-Werke Korber & Co. KG. Apparatus for trimming a tobacco stream. 4,538,626, 9-3-85, Cl. 131-84.400.

Hioki, Hiroko: *See—*

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, 4,557,939, Cl. 426-473.000.

Hioki, Katsuhiko: *See—*

Komatsu, Tatsuyoshi; Numata, Shigeaki; Hioki, Katsuhiko; and Sumino, Toshihiko, 4,530,745, Cl. 204-130.000.

Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, 4,536,337, Cl. 260-396.00R.

Hioki, Shunichi: *See—*

Tanaka, Kyoichi; Tsuzuki, Akira; and Hioki, Shunichi, 4,500,441, Cl. 252-89.100.

Hios Inc.: *See—*

Totsu, Katsuyuki, 4,541,266, Cl. 72-391.000.

Hipko, George P., to Beatrice Foods Co. Universal product code scannable coupon. 4,540,880, 9-10-85, Cl. 235-487.000.

Hipp, Martin: *See—*

Schall, Walter; Negro, Guido; Hipp, Martin; and Albrecht, Hans, 4,509,396, Cl. 83-126.000.

Hipp, Ulrich: *See—*

Dudeck, Ingo; Hipp, Ulrich; Maass, Manfred; and Ruoff, Harald, 4,523,136, Cl. 318-568.000

Hippely, Keith A.; and Goldstein, Samuel M., to Mattel, Inc. Toy vehicular playset. 4,516,953, 5-14-85, Cl. 446-444.000.

Hippely, Keith A., to Mattel, Inc. Toy vehicle trackway set. 4,558,867, 12-17-85, Cl. 273-412.000.

Hipple, Robert J. Transforming the upright vacuum cleaner's own push-pull handle into a suction cleaning wand. 4,519,113, 5-28-85, Cl. 15-335.000.

Hippo, Edwin J.: *See—*

Comolli, Alfred G.; and Hippo, Edwin J., 4,495,055, Cl. 208-10.000.

Hira, Yasuo: *See—*

Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, 4,514,270, Cl. 204-151.000.

Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.

Hira, Yutaka; Ukai, Yoshitaka; Akuzawa, Yoshihide; Aoki, Osamu; and Shimatani, Saburo, to Tokyo Electric Co., Ltd. Apparatus for securing a typewriter. 4,509,874, 4-9-85, Cl. 400-691.000.

Hirabayashi, Hiromi: *See—*

Hosoyama, Kenji; and Hirabayashi, Hiromi, 4,498,313, Cl. 62-514.00R.

Hirabayashi, Hiromitsu; Sakurai, Masaaki; and Kagiura, Kazuo, to Canon Kabushiki Kaisha. Image fixing device. 4,525,058, 6-25-85, Cl. 355-3.0FU.

Hirabayashi, Masao, to Tokyo Sintered Metal Co., Ltd. Method of manufacturing vent element. 4,524,899, 6-25-85, Cl. 228-173.200.

Hirabayashi, Masao; and Mizutani, Takeshi, to Shachihata Industry Co., Ltd. Ballpoint pen with metallic rod ball seat. 4,529,329, 7-16-85, Cl. 401-209.000.

Hirabayashi, Masao; and Mizutani, Takeshi, to Shachihata Industry Co., Ltd. Writing instrument with a metal wire point. 4,531,853, 7-30-85, Cl. 401-265.000.

Hirabayashi, Shigeto; Masukawa, Toyoaki; Ishikawa, Wataru; and Harada, Tetsuya, to Konishiroku Photo Industry Co., Ltd. Heat-developable image-pattern recording material. 4,543,309, 9-24-85, Cl. 430-31.000.

Hirabayashi, Shigeto; Masukawa, Toyoaki; and Ishikawa, Wataru, to Konishiroku Photo Industry Co., Ltd. Method of forming image by means of heat development. 4,562,143, 12-31-85, Cl. 430-353.000.

Hirabayashi, Toshiyasu: *See*—

Horie, Motonobu; Hirabayashi, Toshiyasu; and Suzuki, Hisao, 4,550,821, Cl. 198-416.000.

Hirabayashi, Yuji, to Nissan Motor Company, Limited. Knock-free engine control system for turbocharged automotive engine. 4,509,331, 4-9-85, Cl. 60-602.000.

Hirabayashi, Yuji: *See*—

Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.

Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431.110.

Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuji, 4,522,176, Cl. 123-339.000.

Hirabayashi, Yuuji: *See*—

Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, 4,499,544, Cl. 364-431.040.

Hirabayashi, Yuzi: *See*—

Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuzi, 4,549,512, Cl. 123-339.000.

Hiradastechnikai Gepgyar: *See*—

Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.

Hiraga, Imao: *See*—

Ota, Tomio; Miyasaka, Mamoru; and Hiraga, Imao, 4,496,246, Cl. 368-88.000.

Hiraga, Masaharu, to Sanden Corporation. Scroll type fluid displacement apparatus with improved end plate fluid passage means. 4,498,852, 2-12-85, Cl. 418-55.000.

Hiraga, Masaharu; Mabe, Atsushi; and Yoshii, Yuji, to Sanden Corporation. Scroll type compressor with displacement adjusting mechanism. 4,514,150, 4-30-85, Cl. 417-440.000.

Hiraga, Masaharu; and Yoshii, Yuji, to Sanden Corporation. Scroll type fluid displacement apparatus with nonuniform scroll height. 4,548,555, 10-22-85, Cl. 418-55.000.

Hiraga, Masaharu, to Sanden Corporation. Scroll-type fluid displacement apparatus with angular offset varying means. 4,551,078, 11-5-85, Cl. 418-16.000.

Hiraga, Masaharu: *See*—

Sakaki, Masakatsu; and Hiraga, Masaharu, 4,540,355, Cl. 418-55.000.

Sato, Tadashi; and Hiraga, Masaharu, 4,551,081, Cl. 418-55.000.

Terauchi, Kiyoshi; and Hiraga, Masaharu, 4,547,137, Cl. 418-55.000.

Hiraga, Noriyuki: *See*—

Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Hasegawa, Teruyuki; Nimura, Yoichi; and Hiraga, Noriyuki, 4,539,043, Cl. 266-265.000.

Hiraga, Ryozo: *See*—

Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,504,148, Cl. 356-401.000.

Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,545,684, Cl. 356-400.000.

Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,553,845, Cl. 356-400.000.

Okutsu, Kazuhisa; Momose, Katsumi; and Hiraga, Ryozo, 4,530,604, Cl. 356-401.000.

Yamada, Yasuyoshi; and Hiraga, Ryozo, 4,515,481, Cl. 356-400.000.

Hiragami, Yoshiaki; Yabu, Mikio; and Kawaguchi, Yozi, to Toyo Linoleum Company, Limited. Non-slip floor material. 4,501,783, 2-26-85, Cl. 428-147.000.

Hiraguri, Seisuke, to Victor Company of Japan, Ltd. Rotary magnetic head scanning control system in a magnetic recording and reproducing apparatus. 4,528,605, 7-9-85, Cl. 360-77.000.

Hirahara, Katsuji: *See*—

Chiu, Tony T.; Coatney, Charles W.; and Hirahara, Katsuji, 4,509,414, Cl. 99-585.000.

Hirahara, Shuzo: *See*—

Nagato, Hitoshi; Izawa, Koji; and Hirahara, Shuzo, 4,514,738, Cl. 346-76.0PH.

Hirahara, Takuho; Sano, Fumiaki; Ishijima, Koji; Kawaguchi, Susumu; and Nakane, Kazuhiro, to Mitsubishi Denki Kabushiki Kaisha. Strainer device for rotary compressor. 4,560,329, 12-24-85, Cl. 418-47.000.

Hirahashi, Akira: *See*—

Asano, Yuichiro; Hirahashi, Akira; Ohga, Suehisa; Yabe, Tadashi; Kurita, Kunio; and Momose, Atsushi, 4,492,472, Cl. 356-376.000.

Hirai, Hidefumi; and Komiyama, Makoto, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for producing a para-substituted phenol derivative. 4,523,031, 6-11-85, Cl. 562-475.000.

Hirai, Hidefumi; and Komiyama, Makoto, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for selectively producing para-substituted derivatives of phenols. 4,523,037, 6-11-85, Cl. 568-442.000.

Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, to Hidefumi Hirai. Process for recovery of ethylene from gaseous mixture. 4,525,180, 6-25-85, Cl. 55-37.000.

Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, to Hirai, Hidefumi. Solid adsorbent for unsaturated hydrocarbon and process for separation of unsaturated hydrocarbon from gas mixture. 4,346,094, 10-8-85, Cl. 502-402.000.

Hirai, Hidematsu: *See*—

Kato, Yoshinori; Umemoto, Naoji; Hara, Takeshi; Tsukada, Yutaka; and Hirai, Hidematsu, 4,543,211, Cl. 260-112.00B.

Hirai, Hiromu: *See*—

Tajima, Fujio; and Hirai, Hiromu, 4,525,654, Cl. 318-7.000.

Hirai, Hiroyuki; and Sato, Kozo, to Fuji Photo Film Co., Ltd. Heat-developable color light-sensitive material with alkyl carboxylic acid base precursor containing triple bond. 4,499,172, 2-12-85, Cl. 430-203.000.

Hirai, Hiroyuki; and Kawata, Ken, to Fuji Photo Film Co., Ltd. Heat-developable color photographic materials with base precursor. 4,499,180, 2-12-85, Cl. 430-559.000.

Hirai, Hiroyuki; and Kawata, Ken, to Fuji Photo Film Co., Ltd. Heat developable color light-sensitive materials with base releasors. 4,511,650, 4-16-85, Cl. 430-559.000.

Hirai, Hiroyuki; Sato, Kozo; and Kawata, Ken, to Fuji Photo Film Co., Ltd. Heat-developable light-sensitive material with base precursor particles. 4,514,493, 4-30-85, Cl. 430-617.000.

Hirai, Hiroyuki; and Nakamura, Koichi, to Fuji Photo Film Co., Ltd. Method to form color image. 4,529,687, 7-16-85, Cl. 430-373.000.

Hirai, Hiroyuki: *See*—

Sato, Kozo; and Hirai, Hiroyuki, 4,560,763, Cl. 546-341.000.

Hirai, Jun; and Kaneko, Masayasu, to Sony Corporation. Video signal processing unit. 4,513,311, 4-23-85, Cl. 358-40.000.

Hirai, Kazuo: *See*—

Sumiyoshi, Kikuo; Sato, Eiji; Hirai, Kazuo; Miyasaka, Kingo; and Izumi, Masayoshi, 4,551,393, Cl. 428-609.000.

Hirai, Kenji: *See*—

Kariatsumari, Keiichiro; and Hirai, Kenji, 4,514,699, Cl. 330-53.000.

Ojima, Iwao; and Hirai, Kenji, 4,497,964, Cl. 562-406.000.

Hirai, Kentaro, to Shionogi & Co., Ltd. 2-guanidino-4-hydroxymethylthiazole and derivatives thereof. 4,492,794, 1-8-85, Cl. 548-193.000.

Hirai, Kiyomiki; Takeuchi, Koji; Ito, Nobuo; and Abe, Masahiro, to Ajinomoto Co., Inc. Latent curing agents for epoxy resins. 4,530,991, 7-23-85, Cl. 528-123.000.

Hirai, Kiyomiki; Takeuchi, Koji; Abe, Masahiro; and Ito, Nobuo, to Ajinomoto Co., Inc. Latent curing agents for epoxy resins. 4,544,733, 10-1-85, Cl. 528-123.000.

Hirai, Kiyomiki: *See*—

Hirose, Takeshi; Ito, Nobuo; Hirai, Kiyomiki; and Takeuchi, Koji, 4,546,155, Cl. 525-504.000.

Takeuchi, Koji; Abe, Masahiro; Ito, Nobuo; and Hirai, Kiyomiki, 4,542,202, Cl. 528-96.000.

Hirai, Koichi: *See*—

Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,511,744, Cl. 568-864.000.

Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,551,565, Cl. 568-864.000.

Nagano, Mitsuo; Hirai, Koichi; Kitamura, Kouichi; Shinkai, Kenkichi; and Yasuda, Hiroshi, 4,545,942, Cl. 260-465.00D.

Hirai, Koji: *See*—

Matsumoto, Mitsuo; Hirai, Koji; Yoshimura, Noriaki; and Okamura, Takayuki, 4,551,518, Cl. 528-80.000.

Hirai, Masaharu: *See*—

Miyazawa, Kokichi; Nakata, Kazuo; Ishikawa, Tsuneo; Honma, Ichiro; Hirai, Masaharu; Ogasawara, Makoto; and Kawamura, Toshihiko, 4,501,774, Cl. 427-215.000.

Hirai, Masahide: *See*—

Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, 4,517,096, Cl. 210-668.000.

Hirai, Masaru: *See*—

Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, 4,511,733, Cl. 560-253.000.

Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, 4,559,179, Cl. 260-456.00F.

Hirai, Masayoshi; Tanaka, Junzo; and Ueda, Katsuroh, to Matsushita Electric Industrial Co., Ltd. Cooking appliance. 4,521,183, 6-4-85, Cl. 432-37.000.

Hirai, Nobuyuki: *See*—

Yamamoto, Kazushi; Nagai, Takeshi; Hirai, Nobuyuki; and Mori, Shunichiro, 4,530,464, Cl. 239-102.000.

Hirai, Osamu; Kobayashi, Tetsuo; Kuwatsuka, Shunichiro; and Suzuki, Saburo, to Computer Basic Technology Research Association. Thin-film magnetic head and method for fabricating the same. 4,550,353, 10-29-85, Cl. 360-125.000.

Hirai, Osamu: *See*—

Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.

Mukoyama, Yoshiyuki; Hirai, Osamu; and Aoyama, Tetsuya, 4,505,818, Cl. 210-502.100.

Hirai, Seiichi; and Otsuka, Nobuyuki, to Honda Giken Kogyo Kabushiki Kaisha. Constant velocity universal joint. 4,494,941, 1-22-85, Cl. 464-145.000.

Hirai, Seiji, to Kabushiki Kaisha Hirai Tekkosho. Jig apparatus for use with industrial robots. 4,505,463, 3-19-85, Cl. 269-56.000.

Hirai, Syoichi: *See*—

Kobayashi, Tetuo; and Hirai, Syoichi, 4,547,993, Cl. 49-352.000.

Hirai, Tadaaki: *See*—

Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,816, Cl. 313-366.000.

Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.

Hirai, Tetsuo: *See—*
  Sugihara, Masahiro; Morishita, Etsuo; Hirai, Tetsuo; and Sekiya, Shin, 4,533,292, Cl. 415-2.00R.

Hirai, Yoshihiko, to Nippon Electric Co., Ltd. All-solid-state display including an organic electrochromic layer with ion donor/acceptor. 4,550,982, 11-5-85, Cl. 350-357.000.

Hirai, Yukio: *See—*
  Miyagawa, Junichi; and Hirai, Yukio, 4,551,600, Cl. 219-10.49R.

Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, to Canon Kabushiki Kaisha. Electrophotographic photosensitive member and process for production thereof. 4,507,375, 3-26-85, Cl. 430-128.000.

Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, to Canon Kabushiki Kaisha. Electrophotographic photosensitive member and process for production thereof. 4,552,824, 11-12-85, Cl. 430-64.000.

Hirai, Yutaka: *See—*
  Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,551,405, Cl. 430-64.000.
  Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,557,990, Cl. 430-84.000.

Hiraishi, Hideki, to O M Industrial Co., Ltd. Safety plastic filler neck cap. 4,494,673, 1-22-85, Cl. 220-288.000.

Hiraishi, Hisashi; Nishihara, Hisakatsu; and Shiokawa, Hiroyuki, to Kubota, Ltd. Two-phase stainless cast steel having high corrosion fatigue strength. 4,561,890, 12-31-85, Cl. 75-125.000.

Hiraishi, Nobuyuki: *See—*
  Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.

Hiraishi, Shigetoshi; Morishita, Sadao; and Matsushita, Toshihiko, to Mitsubishi Paper Mills, Ltd. Photosetting microcapsules and photo- and pressure-sensitive recording sheet. 4,501,809, 2-26-85, Cl. 430-138.000.

Hiraishi, Shigetoshi: *See—*
  Koike, Naomasa; and Hiraishi, Shigetoshi, 4,507,671, Cl. 346-216.000.

Hiraiwa, Kazuyoshi; and Kawaguchi, Akio, to Nissan Motor Company, Limited. Gear operating mechanism of an automotive manual transmission. 4,495,832, 1-29-85, Cl. 74-475.000.

Hiraiwa, Kazuyoshi; and Yamasaki, Saburou, to Nissan Motor Company, Limited. Transmission shift control mechanism. 4,507,981, 4-2-85, Cl. 74-477.000.

Hiraiwa, Kazuyoshi, to Nissan Motor Company, Limited. Synchromesh mechanism for transmission. 4,526,052, 7-2-85, Cl. 74-339.000.

Hiraiwa, Kazuyoshi; and Kawaguchi, Akio, to Nissan Motor Company, Limited. Gear shift mechanism for transmission. 4,531,424, 7-30-85, Cl. 74-477.000.

Hiraiwa, Kazuyoshi: *See—*
  Kawamoto, Tamio; and Hiraiwa, Kazuyoshi, 4,510,817, Cl. 74-477.000.

Hirakata, Kaoru: *See—*
  Murakami, Katsuyuki; Hirakata, Kaoru; Shimoda, Shinichi; and Itai, Reiichi, 4,495,048, Cl. 204-267.000.

Hirakata, Yoshiaki: *See—*
  Tanaka, Shuji; Nakamura, Shigehira; Sakamoto, Tuneaki; Hirakata, Yoshiaki; and Yamagata, Tetsuo, 4,558,460, Cl. 381-86.000.

Hirakawa, Kiyoshi: *See—*
  Nakagawa, Junyo; Yamaguchi, Shinji; Hirakawa, Kiyoshi; Tokunaga, Isao; and Ito, Masaaki, 4,514,459, Cl. 428-229.000.

Hirakawa, Manabu: *See—*
  Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, 4,511,711, Cl. 528-489.000.
  Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, 4,548,769, Cl. 264-22.000.

Hirakawa, Osamu, to Nippon Piston Ring Co., Ltd. Rotary seal with linear wear resistant treated layer. 4,505,485, 3-19-85, Cl. 277-96.100.

Hirakawa, Tadashi; and Yoshida, Makoto, to Teijin Limited. Process for producing paper or non-woven fabric. 4,501,641, 2-26-85, Cl. 162-164.300.

Hirakawa, Tadashi: *See—*
  Yamamoto, Tamio; Kobayashi, Tsukasa; Hirakawa, Tadashi; Yoshida, Makoto; and Okumura, Masumi, 4,496,583, Cl. 428-288.000.
  Yoshida, Makoto; and Hirakawa, Tadashi, 4,529,481, Cl. 162-157.300.

Hiraki, Hideaki: *See—*
  Harata, Mituo; Hiraki, Hideaki; Uno, Shigeki; Sakuma, Kazuo; and Matsunaga, Kiyosi, 4,509,035, Cl. 338-35.000.
  Uno, Shigeki; Harata, Mituo; Sakuma, Kazuo; and Hiraki, Hideaki, 4,529,540, Cl. 252-518.000.

Hiraki, Shunichi; Kinoshita, Hiroshi; Kumamaru, Kuniaki; Koguchi, Shigeo; and Yonezawa, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of making integrated devices having long and short minority carrier lifetimes. 4,521,256, 6-4-85, Cl. 148-1.500.

Hiraki, Shunichi; Kumamaru, Kuniaki; Koshino, Yutaka; and Yonezawa, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device with multi-layered structure. 4,542,400, 9-17-85, Cl. 357-54.000.

Hiraki, Shunichi: *See—*
  Akiyama, Tatsuo; Koshino, Yutaka; and Hiraki, Shunichi, 4,532,004, Cl. 156-653.000.
  Aoyama, Masaharu; Hiraki, Shunichi, and Yonezawa, Toshio, 4,507,673, Cl. 357-23.00R.
  Yonezawa, Toshio; Ajima, Takashi; Hiraki, Shunichi; Koshino, Yutaka; and Oka, Yoshitami, 4,560,642, Cl. 430-313.000.

Hirakoso, Yohei: *See—*
  Kurihara, Takenori; Tojo, Shigeki; and Hirakoso, Yohei, 4,513,256, Cl. 331-4.000.

Hiramatsu, Akira, to Canon Kabushiki Kaisha. Single lens reflex camera with mirror operating mechanism. 4,492,453, 1-8-85, Cl. 354-479.000.

Hiramatsu, Akira; Tosaka, Yoichi; and Suzuki, Masayuki, to Canon Kabushiki Kaisha. Electromagnetic release device. 4,529,284, 7-16-85, Cl. 354-234.100.

Hiramatsu, Akira: *See—*
  Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,491,401, Cl. 354-271.100.
  Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,495,432, Cl. 310-328.000.
  Katsuma, Makoto; Hiramatsu, Akira; and Murakami, Hiroyasu, 4,502,771, Cl. 354-289.100.
  Katsuma, Makoto; Hiramatsu, Akira; Arakawa, Kazuhiko; and Murakami, Hiroyasu, 4,509,848, Cl. 354-473.000.
  Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,513,219, Cl. 310-328.000.
  Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,560,263, Cl. 354-195.100.
  Suda, Yasuo; Akashi, Akira; Ishizaki, Akira; Hiramatsu, Akira; and Ohtaka, Keiji, 4,555,169, Cl. 354-407.000.
  Yamamoto, Hiroshi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,504,760, Cl. 310-323.000.

Hiramatsu, Ryohei: *See—*
  Masaki, Kazuo; and Hiramatsu, Ryohei, 4,506,701, Cl. 137-596.170.

Hiramatsu, Seiichiro: *See—*
  Tsuda, Tadashi; Hiramatsu, Seiichiro; Ohtsuka, Mitsugi; and Maeno, Tsuyoshi, 4,551,722, Cl. 340-904.000.

Hiramatsu, Takeo, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Hydraulic control system for automatic transmission gear. 4,506,563, 3-26-85, Cl. 74-867.000.

Hiramatsu, Takeo, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Creeping preventing apparatus in automatic transmission for vehicle. 4,513,639, 4-30-85, Cl. 74-866.000.

Hiramatsu, Takeo, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Automatic transmission gear system for vehicles. 4,534,244, 8-13-85, Cl. 74-869.000.

Hiramatsu, Takeo, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Hydraulic control system in automatic transmission gear for 4 advance speeds. 4,538,482, 9-3-85, Cl. 74-869.000.

Hiramatsu, Takeo. Creeping preventing apparatus in automatic transmission for vehicle. 4,561,328, 12-31-85, Cl. 74-869.000.

Hiramatsu, Takeo: *See—*
  Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,519,273, Cl. 74-752.00A.
  Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,558,612, Cl. 74-844.000.

Hiramatsu, Takeshi: *See—*
  Morozumi, Mitsuharu; Ito, Yasumichi; Hiramatsu, Takeshi; and Asai, Minoru, 4,530,970, Cl. 525-193.000.

Hiramatsu, Yasuzo: *See—*
  Fujimura, Hajime; Hiramatsu, Yasuzo; Yamazaki, Tomio; Yamada, Shozo; and Honna, Takaji, 4,518,712, Cl. 514-255.000.

Hiramatsu, Yoshitada: *See—*
  Murata, Seiichiro; Yoshioka, Toshio; Kamei, Sakito; Hiramatsu, Yoshitada; Takeuchi, Shin; and Yamawaki, Yoshiro, 4,548,154, Cl. 114-355.000.

Hiramatsu, Yukio, to Litton Systems, Inc. Microwave window and matching structure. 4,556,854, 12-3-85, Cl. 333-34.000.

Hiramitsu, Tetsushi; Sugita, Hiroshi; Ono, Satoshi; and Murase, Zenzaburo, to Toyoda Gosei Co., Ltd. Steering wheel. 4,561,324, 12-31-85, Cl. 74-498.000.

Hiramitsu, Tetsushi: *See—*
  Ono, Satoshi; Sugita, Hiroshi; and Hiramitsu, Tetsushi, 4,541,301, Cl. 74-484.00R.

Hiramoto, Hiroo; and Eguchi, Masuichi, to Toray Industries, Inc. Process of forming polyimide pattern and developer therefor. 4,547,455, 10-15-85, Cl. 430-325.000.

Hiramoto, Junichi: *See—*
  Shiga, Tetsuya; Okawa, Shinichi; Yoshida, Kenichi; and Hiramoto, Junichi, 4,517,982, Cl. 128-635.000.

Hiramoto, Kazuyuki: *See—*
  Sato, Makoto; and Hiramoto, Kazuyuki, 4,550,375, Cl. 364-474.000.

Hiramoto, Masao: *See—*
  Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, 4,551,757, Cl. 358-212.000.

Hiramoto, Seigo: *See—*
  Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, 4,553,018, Cl. 219-130.510.

Hiramoto, Tatsumi, to Ushio Denki Kabushiki Kaisha. Deposition process. 4,500,565, 2-19-85, Cl. 427-39.000.

Hirano, Akira, to Nippon Electric Co., Ltd. Code-converting system for band compression of digital signals. 4,509,038, 4-2-85, Cl. 340-347.0DD.

Hirano, Atsushi: *See—*
  Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, 4,533,547, Cl. 424-122.000.

Hirano, Chikafusa: *See—*
  Takahashi, Kenji; Nagahara, Shusaku; Ozawa, Naoki; Kudo, Koji; and Hirano, Chikafusa, 4,527,200, Cl. 358-213.000.

- Hirano, Fumiya: *See—*
  - Nishihata, Ken; Iinuma, Katsuharu; Yamada, Hitoshi; Hirano, Fumiya; and Tsuruoka, Takashi, 4,555,404, Cl. 514-201.000.
- Hirano, Hideki: *See—*
  - Ayabe, Mitsukuni; Shimizui, Tunehiko; Kibayashi, Iwao; and Hirano, Hideki, 4,549,028, Cl. 548-308.000.
- Hirano, Hideo, to Okamoto & Co., Ltd. Knitting machine. 4,519,221, 5-28-85, Cl. 66-107.000.
- Hirano, Hideo; and Kimbara, Masahiko, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method of regulating warp yarn tension in a weaving machine. 4,554,951, 11-26-85, Cl. 139-105.000.
- Hirano, Hideo: *See—*
  - Hori, Michimasa; Hirano, Hideo; Kojima, Yoshinori; and Yuda, Jiro, 4,558,993, Cl. 417-283.000.
- Hirano, Hirofumi; and Hasumi, Hitoshi, to Canon Denshi Kabushiki Kaisha. Compact serial printer with rack plate drive for type belt drum. 4,504,159, 3-12-85, Cl. 400-148.000.
- Hirano, Hirofumi: *See—*
  - Watanabe, Satoshi; Wakasawa, Toru; Hirano, Hirofumi; and Nishizawa, Hiroshi, 4,494,885, Cl. 400-145.200.
- Hirano, Hiroyuki; Yamamuro, Sigeaki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, to Nissan Motor Company, Limited. Continuously variable V-belt transmission. 4,494,942, 1-22-85, Cl. 474-28.000.
- Hirano, Hiroyuki; and Matsumoto, Keiichi, to Pioneer Electronic Corporation. Tracking servo control system for an information read-out system. 4,544,872, 10-1-85, Cl. 318-632.000.
- Hirano, Hiroyuki; Kurihara, Toshihiko; Akiba, Taichi; and Araki, Yositsugu, to Pioneer Electronic Corporation. Pick-up device positioning arrangement in an information disc player. 4,545,003, 10-1-85, Cl. 369-43.000.
- Hirano, Hiroyuki: *See—*
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,533,340, Cl. 474-28.000.
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,545,265, Cl. 74-868.000.
  - Mori, Kyoichiro; and Hirano, Hiroyuki, 4,521,568, Cl. 525-309.000.
  - Naito, Ryuichi; and Hirano, Hiroyuki, 4,493,068, Cl. 369-44.000.
  - Tanaka, Yoshikazu; Yamamuro, Sigeaki; Hirano, Hiroyuki; and Morimoto, Yoshiro, 4,512,751, Cl. 474-28.000.
  - Tanaka, Yoshikazu; Hirano, Hiroyuki; Abo, Keiju; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,526,557, Cl. 474-18.000.
  - Tanaka, Yoshikazu; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,536,171, Cl. 474-28.000.
  - Tanaka, Yoshikazu; Yamamuro, Sigeaki; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; and Morimoto, Yoshiro, 4,557,706, Cl. 474-28.000.
  - Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,510,822, Cl. 74-733.000.
  - Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,519,790, Cl. 474-18.000.
  - Yamamuro, Sigeaki; Kumura, Haruyoshi; Tanaka, Yoshikazu; Abo, Keiju; and Hirano, Hiroyuki, 4,542,665, Cl. 74-866.000.
  - Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,543,077, Cl. 474-12.000.
- Hirano, Kazuo: *See—*
  - Abe, Hiroshi; Sato, Nobuhiro; Ono, Kimizo; and Hirano, Kazuo, 4,513,751, Cl. 128-666.000.
  - Moriyama, Masakazu; Shinohara, Toshio; Hirano, Kazuo; and Makino, Fumio, 4,516,121, Cl. 340-825.050.
- Hirano, Kenichi: *See—*
  - Kosaka, Akira; Murao, Sawao; Hirano, Kenichi; Tanaka, Noriaki; and Matsunaga, Kuniyoshi, 4,554,249, Cl. 435-10.000.
- Hirano, Koichi: *See—*
  - Takahashi, Kenichi; Hirano, Koichi; and Futamura, Shoji, 4,543,050, Cl. 425-28.000.
- Hirano, Koki, to Jidosha Denki Kogyo Kabushiki Kaisha. Stop-position controlling device for electric windshield wiper. 4,559,484, 12-17-85, Cl. 318-443.000.
- Hirano, Makoto: *See—*
  - Honda, Shoichi; Nakano, Yoshikatsu; Hirano, Makoto; and Matsuura, Masaaki, 4,537,165, Cl. 123-90.160.
  - Otani, Junji; and Hirano, Makoto, 4,535,746, Cl. 123-556.000.
- Hirano, Masachika; Ohno, Isao; Ohno, Nobuo; and Mine, Akihiko, to Sumitomo Chemical Company, Limited. Insecticidal composition containing optically active α-cyano-3-phenoxybenzyl 2-(4-chlorophenyl)isovalerate. 4,503,071, 3-5-85, Cl. 514-521.000.
- Hirano, Masachika: *See—*
  - Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.
  - Nishida, Sumio; Matsuo, Noritada; Tsushima, Kazunori; Hatakoshi, Makoto; and Hirano, Masachika, 4,562,213, Cl. 514-721.000.
- Hirano, Masahiro; and Nakayama, Sumio, to Kabushiki Kaisha Showa Seisakusho. Spring load adjusting device for cushioning equipment. 4,530,489, 7-23-85, Cl. 267-34.000.
- Hirano, Masami: *See—*
  - Yamaguchi, Yutaka; Koizumi, Nobuyuki; Hirano, Masami; Araki, Tamio; and Kojima, Koichi, 4,518,023, Cl. 152-361.0FP.
- Hirano, Masao: *See—*
  - Hinoda, Seisuke; Hirano, Masao; Kato, Mitsutaka; and Yasuda, Hirohiko, 4,547,074, Cl. 356-405.000.
- Hirano, Masatoshi: *See—*
  - Kokubu, Sadao; Hirano, Masatoshi; and Sakakibara, Takao, 4,555,743, Cl. 361-196.000.
- Hirano, Mikio; and Horiuchi, Susumu, to Hitachi, Ltd. Process for treating radioactive waste. 4,526,712, 7-2-85, Cl. 252-632.000.
- Hirano, Mitsunori: *See—*
  - Hirano, Tsumoru; Umemoto, Makoto; and Hirano, Mitsunori, 4,518,687, Cl. 430-548.000.
  - Yagihara, Morio; Hirano, Tsumoru; Hirano, Mitsunori; and Umemoto, Makoto, 4,495,272, Cl. 430-381.000.
- Hirano, Nagayoshi, to Fuji Photo Optical Co., Ltd. Zoom lens system for finite conjugate distances. 4,514,049, 4-30-85, Cl. 350-425.000.
- Hirano, Ryoichi; Namizaki, Hirofumi; Susaki, Wataru; and Tanaka, Toshio, to Mitsubishi Denki Kabushiki Kaisha. Liquid phase epitaxial growth technique. 4,504,328, 3-12-85, Cl. 148-171.000.
- Hirano, Ryoichi: *See—*
  - Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, 4,561,096, Cl. 372-46.000.
- Hirano, Satoshi: *See—*
  - Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, 4,499,544, Cl. 364-431.040.
- Hirano, Seiichi, to Epson Corporation. Serial thermal printer. 4,500,892, 2-19-85, Cl. 346-76.0PH.
- Hirano, Seiji; and Weyl, Raymond N., to Yamaha Hatsudoki Kabushiki Kaisha. Motorcycle frame with adjustable and compact rider support. 4,506,754, 3-26-85, Cl. 180-219.000.
- Hirano, Shigeo; and Sakanoue, Kei, to Fuji Photo Film Co., Ltd. Photographic development inhibitor (1H- or 2H-) indazolyl hydroquinone derivatives. 4,501,898, 2-26-85, Cl. 548-336.000.
- Hirano, Shigeo: *See—*
  - Kobayashi, Hidetoshi; Takahashi, Toshiro; Hirano, Shigeo; Hirose, Takeshi; and Adachi, Keiichi, 4,518,682, Cl. 430-543.000.
  - Miyasaka, Tsutomu; Kobayashi, Hidetoshi; Itoh, Isamu; and Hirano, Shigeo, 4,550,070, Cl. 430-202.000.
  - Takagi, Yoshihiro; Hirano, Shigeo; and Sugimoto, Tadao, 4,540,655, Cl. 430-410.000.
  - Yamamuro, Kiyohiko; Hirano, Shigeo; Itoh, Isamu; and Iwasa, Yasuo, 4,508,816, Cl. 430-393.000.
- Hirano, Shin-ichi; and Naka, Shigeharu, to Toshiba Tungaloy Co., Ltd. Methods for preparing cubic boron nitride sintered body and cubic boron nitride, and method for preparing boron nitride for use in the same. 4,545,968, 10-8-85, Cl. 423-290.000.
- Hirano, Takahisa, to Mitsubishi Jukogyo Kabushiki Kaisha. Capability control apparatus for a compressor. 4,544,333, 10-1-85, Cl. 417-299.000.
- Hirano, Takao: *See—*
  - Fujiwara, Tatsuro; Watanabe, Hideyuki; Hirano, Takao; and Sakakibara, Hideo, 4,515,941, Cl. 536-7.100.
- Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, to Director-General of the Agency of Industrial Science and Technology. Polymeric compounds with sustained anti-tumor activity and a method for the preparation thereof. 4,520,162, 5-28-85, Cl. 525-327.600.
- Hirano, Takashi, to Yamato Scale Company, Limited. Combination weighing machine. 4,527,646, 7-9-85, Cl. 177-25.000.
- Hirano, Takashi, to Yamato Scale Company, Limited. Controlled chute device. 4,559,981, 12-24-85, Cl. 141-83.000.
- Hirano, Tooru: *See—*
  - Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.
- Hirano, Tsugutoshi. Pineapple cutter. 4,490,912, 1-1-85, Cl. 30-302.000.
- Hirano, Tsugutoshi. Pineapple cutter. 4,546,545, 10-15-85, Cl. 30-128.000.
- Hirano, Tsumoru; Yagihara, Morio; and Umemoto, Makoto, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,511,647, 4-16-85, Cl. 430-381.000.
- Hirano, Tsumoru; Umemoto, Makoto; and Hirano, Mitsunori, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,518,687, 5-21-85, Cl. 430-548.000.
- Hirano, Tsumoru, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,522,916, 6-11-85, Cl. 430-548.000.
- Hirano, Tsumoru: *See—*
  - Yagihara, Morio; Hirano, Tsumoru; Hirano, Mitsunori; and Umemoto, Makoto, 4,495,272, Cl. 430-381.000.
  - Yagihara, Morio; Hirano, Tsumoru; and Umemoto, Makoto, 4,496,650, Cl. 430-381.000.
- Hirano, Yasutaka, to Mitsubishi Denki Kabushiki Kaisha. Elevator hoist unit. 4,526,252, 7-2-85, Cl. 187-20.000.
- Hirano, Yoshinori, to Nissan Motor Company, Limited. Cylinder head for internal combustion engine. 4,499,866, 2-19-85, Cl. 123-41.210.
- Hirano, Yoshinori, to Nissan Motor Company, Limited. Cooling system for automotive engine or the like. 4,549,505, 10-29-85, Cl. 123-41.080.
- Hirano, Yoshinori; Kondo, Masahiko; and Kuboruka, Takao, to Nissan Motor Company, Limited. Cylinder head of internal combustion engine. 4,553,505, 11-19-85, Cl. 123-41.200.
- Hirano, Yoshinori: *See—*
  - Shimonosono, Hitoshi; Ogawa, Naoki; and Hirano, Yoshinori, 4,520,768, Cl. 123-41.440.
- Hirano, Yoshio: *See—*
  - Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, 4,497,057, Cl. 371-29.000.
- Hirano, Yukihisa: *See—*
  - Imamura, Toshio; Kobayashi, Syouzo; and Hirano, Yukihisa, 4,538,559, Cl. 123-90.600.

Hirano, Yutaka, to Diesel Kiki Co., Ltd. Trouble detecting apparatus for a sensor in an internal combustion engine system. 4,517,831, 5-21-85, Cl. 73-116.000.

Hirano, Yutaka; and Kawai, Hiroki, to Sumitomo Corporation; and Nikken Sekkei Ltd. Method of foaming a foamable composition in a sealed sack. 4,552,601, 11-12-85, Cl. 156-79.000.

Hiranuma, Satoshi, to Trio Kabushiki Kaisha. Pickup arm driving control system with repeat playback function. 4,535,437, 8-13-85, Cl. 369-223.000.

Hirao, Hideo: *See*—
  Takayama, Chitoshi; Hirao, Hideo; Yokouchi, Hideya; and Iida, Teruhiko, 4,494,159, Cl. 360-78.000.

Hirao, Hiroshi: *See*—
  Suzuki, Yasuo; Hirao, Hiroshi; and Nagasawa, Masanori, 4,518,873, Cl. 307-451.000.
  Suzuki, Yasuo; Hirao, Hiroshi; and Suzuki, Yasuaki, 4,558,241, Cl. 307-530.000.

Hirao, Katsumi; and Sasaki, Akira, to Toyo Aerosol Industry Co., Ltd.; and Kanpe Katei Toryoo Kabushiki Kaisha. Obliquely-handling nozzle for aerosol. 4,550,865, 11-5-85, Cl. 222-402.210.

Hirao, Kazuhiro: *See*—
  Asano, Hiroshi; Shimamune, Takayuki; and Hirao, Kazuhiro, 4,502,931, Cl. 204-192.00C.
  Asano, Hiroshi; Shimamune, Takayuki; Hirao, Kazuhiro; and Hirayama, Ryuta, 4,554,176, Cl. 427-125.000.

Hirao, Kunio: *See*—
  Ando, Eiji; Goto, Yoshiki; Moriyama, Kumiko; Takeshita, Isao; and Hirao, Kunio, 4,557,850, Cl. 252-68.000.

Hirao, Masao: *See*—
  Ono, Motoji; Hirao, Masao; and Fukushima, Shigehisa, 4,519,427, Cl. 141-65.000.

Hirao, Osamu: *See*—
  Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.

Hirao, Takashi: *See*—
  Ishihara, Shin-ichiro; Hirao, Takashi; Mori, Koshiro; and Mochizuki, Motonori, 4,492,605, Cl. 148-174.000.

Hirao, Yasutaka: *See*—
  Suzuki, Koichi; Oose, Seiroku; So, Yuzo; and Hirao, Yasutaka, 4,509,104, Cl. 362-32.000.

Hirao, Yoshikazu: *See*—
  Kishi, Noriyuki; and Hirao, Yoshikazu, 4,541,386, Cl. 123-479.000.

Hiraoka, Bunsho; Tanaka, Tsutomu; and Okane, Koji, to Sumitomo Metal Industries, Ltd. Apparatus for gasification of solid carbonaceous material. 4,559,062, 12-17-85, Cl. 48-92.000.

Hiraoka & Co.: *See*—
  Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.

Hiraoka, Hiroyuki, to International Business Machines Corporation. Dry process for forming positive tone micro patterns. 4,507,331, 3-26-85, Cl. 427-38.000.

Hiraoka, Makoto: *See*—
  Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, 4,542,406, Cl. 358-141.000.

Hiraoka, Ryoichi: *See*—
  Mukohyama, Hideaki; Hiraoka, Ryoichi; Ushijima, Shohachi; and Saito, Motoyasu, 4,547,571, Cl. 536-90.000.

Hiraoka, Ryosei: *See*—
  Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.
  Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, 4,523,272, Cl. 364-200.000.
  Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.

Hiraoka, Taiji: *See*—
  Horiuchi, Susumu; Hiraoka, Taiji; and Saito, Toru, 4,507,390, Cl. 436-161.000.

Hiraoka, Takeshi; Urano, Shigeru; Takeshita, Masajiro; and Nakamura, Keiji, to Nippon Piston Ring Co., Ltd. Wear resistant ferro-based sintered alloy. 4,526,617, 7-2-85, Cl. 75-236.000.

Hiraoka, Takeshi: *See*—
  Umeha, Genkichi; and Hiraoka, Takeshi, 4,513,977, Cl. 277-96.200.

Hiraoka, Tutomu: *See*—
  Yamamoto, Mitsuo; Kinumoto, Namio; Tsuji, Toshinori; and Hiraoka, Tutomu, 4,554,178, Cl. 427-140.000.

Hiraoka, Yasuo: *See*—
  Kasai, Yoshiaki; Hiraoka, Yasuo; Yuasa, Masaharu; Harada, Masataka; and Saito, Masao, 4,527,532, Cl. 123-520.000.

Hiraoka, Yutaka: *See*—
  Fujii, Tadayuki; Hiraoka, Yutaka; and Watanabe, Ryoji, 4,491,560, Cl. 420-429.000.

Hirasako, Akio: *See*—
  Takaoka, Shozo; and Hirasako, Akio, 4,516,332, Cl. 34-79.000.

Hirasawa, Kazuo: *See*—
  Kondo, Mitsushige; Okada, Kazuo; and Hirasawa, Kazuo, 4,502,134, Cl. 369-46.000.

Hirasawa, Kotaro: *See*—
  Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.

Hirasawa, Kunio: *See*—
  Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.

Hirasawa, Taiji: *See*—
  Uchida, Kuniharu; Nagai, Satoshi; Komura, Ichiroh; and Hirasawa, Taiji, 4,497,210, Cl. 73-602.000.

Hirasawa, Yoji; and Ikeda, Shoji, to Nippon Paint Co., Ltd. Pigment dispersing resin and composition containing same. 4,556,683, 12-3-85, Cl. 523-447.000.

Hirasawa, Yukinori; and Kameda, Osamu, to Casio Computer Co., Ltd. Liquid crystal television receiver. 4,562,478, 12-31-85, Cl. 358-236.000.

Hirashima, Tsuneaki: *See*—
  Matsubara, Yoshiharu; Hirashima, Tsuneaki; and Nishiguchi, Ikuzo, 4,510,025, Cl. 204-78.000.

Hirashima, Yasuhito: *See*—
  Ikeda, Yoshito; Fujiwara, Hitoshi; Gomi, Yoshifumi; Matsuzawa, Masanao; and Hirashima, Yasuhito, 4,553,865, Cl. 400-124.000.

Hirasuna, Alan R.; and Veal, Gordon R., to L'Garde, Inc. Hostile environment joint seal and method for installation. 4,537,406, 8-27-85, Cl. 277-1.000.

Hirata, Akio, to Tokyo Shibaura Denki Kabushiki Kaisha. Synchronous motor control. 4,550,281, 10-29-85, Cl. 318-723.000.

Hirata, Akio: *See*—
  Nakano, Teruo; and Hirata, Akio, 4,496,893, Cl. 318-721.000.

Hirata, Atsumi, to Victor Company of Japan, Ltd. Rotary recording medium reproducing apparatus. 4,510,532, 4-9-85, Cl. 358-342.000.

Hirata, Goichi: *See*—
  Samejima, Masayoshi; Hirata, Goichi; and Ishibashi, Takashi, 4,542,042, Cl. 427-213.360.

Hirata, Hidetoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Circuit for inductive heating apparatus with multiple high frequency energy sources. 4,542,273, 9-17-85, Cl. 219-10.770.

Hirata, Hiroshi: *See*—
  Maehara, Naoyoshi; Hashido, Kenkichi; and Hirata, Hiroshi, 4,533,082, Cl. 239-102.000.

Hirata, Kazuyuki: *See*—
  Komatsu, Nobuhiro; Fujimoto, Minoru; Hirata, Kazuyuki; and Yamane, Makoto, 4,542,934, Cl. 296-194.000.

Hirata, Koichi: *See*—
  Yoshimura, Motokazu; Takiguchi, Michitaka; Horie, Fujio; and Hirata, Koichi, 4,498,078, Cl. 340-679.000.

Hirata, Masanobu: *See*—
  Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, 4,511,877, Cl. 338-2.000.

Hirata, Michitoshi: *See*—
  Yamaguchi, Tadashi; Ono, Takayuki; Hirata, Michitoshi; and Yokoyama, Toshihiko, 4,537,645, Cl. 149-3.000.

Hirata, Mitsuki; Sato, Yoshitaka; and Matudaira, Kaname, to Kubota, Ltd. Rotary cultivating apparatus of laterally shiftable type. 4,512,413, 4-23-85, Cl. 172-74.000.

Hirata, Mituo: *See*—
  Nishihata, Kouji; Nakazima, Ichiro; and Hirata, Mituo, 4,527,698, Cl. 212-187.000.

Hirata, Nobuyuki: *See*—
  Hayashi, Kiyoshi; Hori, Setsuo; Hirata, Nobuyuki; Kobayashi, Kazuhiro; and Mizuno, Masayuki, 4,557,586, Cl. 355-11.000.

Hirata, Osamu: *See*—
  Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, 4,535,416, Cl. 364-715.000.

Hirata, Sadao: *See*—
  Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,500,677, Cl. 525-57.000.
  Maruhashi, Yoshitsugu; and Hirata, Sadao, 4,551,366, Cl. 428-35.000.
  Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,562,118, Cl. 428-412.000.

Hirata, Shinichi; and Isayama, Takuro, to Ricoh Company, Ltd. Color plotter. 4,554,556, 11-19-85, Cl. 346-49.000.

Hirata, Shoji: *See*—
  Micetich, Ronald G.; Yamabe, Shigeru; Hirata, Shoji; and Ishida, Naobumi, 4,496,484, Cl. 260-245.20R.

Hirata, Tomio: *See*—
  Kurata, Hidenori; Inaba, Kazuo; Sugiyama, Tomokazu; and Hirata, Tomio, 4,547,655, Cl. 219-204.000.

Hirata, Toshiyuki: *See*—
  Takeda, Keisou; and Hirata, Toshiyuki, 4,508,264, Cl. 237-12.30B.
  Takeda, Keisou; and Hirata, Toshiyuki, 4,513,720, Cl. 123-470.000.

Hirata, Yasufumi; and Yanagisawa, Isao, to Yamanouchi Pharmaceutical Co., Ltd. 2-Guanidinothiazoline compounds, and process for preparing them. 4,562,261, 12-31-85, Cl. 548-184.000.

Hirata, Yasuo: *See*—
  Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, 4,527,279, Cl. 375-114.000.

Hirata, Yasushi: *See*—
  Ogawa, Masaki; Hirata, Yasushi; and Tsuchikura, Akira, 4,499,228, Cl. 524-413.000.
  Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,515,922, Cl. 525-99.000.

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Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.

Hirata, Yoshikatsu, to Brother Kogyo Kabushiki Kaisha. Printer with moveable carriage actuating pinch roller to release position. 4,518,271, 5-21-85, Cl. 400-636.100.

Hiratani, Hajime: *See—*

Nakanishi, Koichiro; and Hiratani, Hajime, 4,500,514, Cl. 424-94.000.

Nakanishi, Koichiro; and Hiratani, Hajime, 4,510,248, Cl. 435-226.000.

Nishimura, Toyohiko; Uchida, Naomi; and Hiratani, Hajime, 4,528,186, Cl. 424-99.000.

Hiratani, Kazuhisa, to Director-General of Agency of Industrial Science-Technology. Cation carrier. 4,560,759, 12-24-85, Cl. 546-178.000.

Hirate, Masatoshi: *See—*

Tsukamoto, Kou; and Hirate, Masatoshi, 4,535,261, Cl. 310-78.000.

Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, to Hitachi, Ltd.; and Electric Power Development Co., Ltd. Method for agglomerating coal particles in pulp water. 4,492,638, 1-8-85, Cl. 210-728.000.

Hiratsuka, Seiichiro. *See—*

Haneda, Satoshi; and Hiratsuka, Seiichiro, 4,557,992, Cl. 430-122.000.

Hiratsuka, Shigetoshi: *See—*

Kawahito, Tsuneyoshi; Abe, Katsuo; Kamei, Tsuneaki; Fujimoto, Kazuyuki; Mitani, Masao; and Hiratsuka, Shigetoshi, 4,517,444, Cl. 219-216.000.

Hiratsuka, Shozaburo: *See—*

Aoki, Akihiro; Hiratsuka, Shozaburo; Yamaguchi, Norihisa; and Makino, Shoji, 4,525,384, Cl. 427-174.000.

Hiratsuka, Yutaka: *See—*

Osada, Hisajiro; Hiratsuka, Yutaka; and Watanabe, Masahiro, 4,541,718, Cl. 356-316.000.

Tochigi, Kenji; Hanyu, Yoshiaki; and Hiratsuka, Yutaka, 4,505,586, Cl. 356-301.000.

Hirauchi, Yukio, to Matsushita Electric Industrial Co. Ltd. Oil heating equipment. 4,548,575, 10-22-85, Cl. 431-88.000.

Hirauchi, Yukio; Nakano, Kazuhiro; and Harada, Toyohei, to Matsushita Electric Industrial Co., Ltd. Heating apparatus. 4,549,523, 10-29-85, Cl. 126-97.000.

Hirayama, Hiromitsu; and Ebina, Hisashi, to TDK Corporation. Discharge lamp lightening device. 4,547,705, 10-15-85, Cl. 315-219.000.

Hirayama, Hiroshi: *See—*

Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, 4,501,773, Cl. 427-213.000.

Hirayama, Kazuhiro: *See—*

Inoue, Takahiro; Hirayama, Kazuhiro; and Tsukada, Masaharu, 4,528,580, Cl. 346-160.000.

Hirayama, Kazuo: *See—*

Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, 4,560,748, Cl. 536-24.000.

Hirayama, Kazuyoshi: *See—*

Nakamura, Takeshi; Okamoto, Seiji; and Hirayama, Kazuyoshi, 4,494,824, Cl. 350-334.000.

Hirayama, Noriaki: *See—*

Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.

Hirayama, Ryoichi: *See—*

Misasa, Mitsugu; and Hirayama, Ryoichi, 4,559,266, Cl. 428-341.000.

Hirayama, Ryuta: *See—*

Asano, Hiroshi; Shimamune, Takayuki; Hirao, Kazuhiro; and Hirayama, Ryuta, 4,554,176, Cl. 427-125.000.

Hirayama, Takeshi; Amano, Matsuo; Sasayama, Takao; and Baba, Shirou, to Hitachi, Ltd. Electronic control apparatus for internal combustion engine. 4,561,056, 12-24-85, Cl. 364-431.050.

Hirayama, Takeshi: *See—*

Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,501,249, Cl. 123-478.000.

Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,522,178, Cl. 123-478.000.

Oho, Shigeru; Hamano, Fumio; and Hirayama, Takeshi, 4,554,461, Cl. 307-40.000.

Hirayama, Tsutomu: *See—*

Hada, Hiroshi; and Hirayama, Tsutomu, 4,555,641, Cl. 307-254.000.

Hirayama, Yoshio: *See—*

Ito, Kanichi; Hirayama, Yoshio; Takeuchi, Ryoichi; Kodaira, Masanori; and Iizuka, Gorou, 4,495,290, Cl. 435-315.000.

Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, 4,507,179, Cl. 204-58.000.

Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; Kajiyama, Takashi; and Hotta, Kunihiko, 4,540,449, Cl. 148-31.500.

Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, 4,548,682, Cl. 204-35.100.

Hirayama, Yoshiyuki: *See—*

Watai, Yuji; Yasui, Hirokazu; Hirayama, Yoshiyuki; and Matsuura, Akira, 4,533,234, Cl. 355-14.00D.

Hirbour, Louis: *See—*

Johnson, Frank; Reese, Dieter; and Hirbour, Louis, 4,508,611, Cl. 204-202.000.

Johnson, Frank; Reese, Dieter; and Hirbour, Louis, 4,534,843, Cl. 204-202.000.

Hird, Edwin A. Point location and graphics display apparatus. 4,506,336, 3-19-85, Cl. 364-518.000.

Hird, Edwin A. Measurement conversion and visual display instrument. 4,535,415, 8-13-85, Cl. 364-562.000.

Hire, Charles J., to Hi-Stat Manufacturing Company, Inc. Thermostatic switch and method of manufacture. 4,551,702, 11-5-85, Cl. 337-347.000.

Hirnbock, Rudolf; and Haudum, Adolf, to Kastle Gesellschaft m.b.H. Ski, particularly a cross country ski. 4,537,417, 8-27-85, Cl. 280-602.000.

Hirneise, Paul J. Chalking line holder. 4,561,189, 12-31-85, Cl. 33-408.000.

Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, to Canon Kabushiki Kaisha; and Copyer Kabushiki Kaisha. Disazo electrophotographic photosensitive member. 4,551,404, 11-5-85, Cl. 430-59.000.

Hirobe, Hitoshi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Spot exposure adjustment circuit. 4,535,364, 8-13-85, Cl. 358-228.000.

Hirobe, Hitoshi: *See—*

Urata, Shinji; Hirobe, Hitoshi; and Iketani, Kohei, 4,558,367, Cl. 358-227.000.

Hirobe, Junichi: *See—*

Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.

Hirobe, Kazushi; Tonoki, Satoshi; and Nishigaki, Masahiko, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Flame resistant resin composition. 4,493,913, 1-15-85, Cl. 523-205.000.

Hirobumi, Saito; Kiyoshi, Ito; Kaichi, Higuchi; and Masao, Yamamoto, to Mitsubishi Denki Kabushiki Kaisha. Expansion type life-saving raft. 4,516,944, 5-14-85, Cl. 441-40.000.

Hirohara, Toshihide: *See—*

Ogura, Takashi; Hirohara, Toshihide; Matsunaga, Masaaki; Kamiya, Kiyoshi; and Tanaka, Tetsuo, 4,561,044, Cl. 362-84.000.

Hirohashi, Kazutoshi: *See—*

Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, 4,531,095, Cl. 328-165.000.

Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, 4,532,475, Cl. 328-165.000.

Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, 4,539,527, Cl. 330-149.000.

Hirohashi, Toshiyuki: *See—*

Sunagawa, Makoto; Matsumura, Haruki; Inoue, Takaaki; and Hirohashi, Toshiyuki, 4,536,334, Cl. 260-239.00A.

Hirohata, Michio; and Kodaira, Takanori, to Canon Kabushiki Kaisha. Electromagnetically driven shutter with focus adjusting function. 4,505,567, 3-19-85, Cl. 354-403.000.

Hirohata, Michio, to Canon Kabushiki Kaisha. Electromagnetically driven shutter camera having automatic focusing device. 4,508,442, 4-2-85, Cl. 354-400.000.

Hirohata, Michio; and Ikari, Hideo, to Canon Kabushiki Kaisha. Exposure control device for camera. 4,534,638, 8-13-85, Cl. 354-418.000.

Hirohata, Michio: *See—*

Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, 4,496,227, Cl. 354-289.120.

Hirohiko Yasuda: *See—*

Miura, Mitsuyoshi, 4,540,043, Cl. 165-104.120.

Hiroi, Kazuo; and Kojima, Kenji, to Kabushiki Kaisha Toshiba. Method for controlling oxygen density in combustion exhaust gas. 4,516,929, 5-14-85, Cl. 431-12.000.

Hiroi, Masakazu: *See—*

Kitajima, Tadayuki; Hayakawa, Kimiaki; Ueda, Noriyoshi; and Hiroi, Masakazu, 4,544,148, Cl. 271-3.100.

Hiroishi, Akihiko, to Sord Computer Systems, Inc. Method of and apparatus for controlling the display of video signal information. 4,536,856, 8-20-85, Cl. 364-900.000.

Hirokane, Junji: *See—*

Ohta, Kenji; Hirokane, Junji; Katayama, Hiroyuki; Takahashi, Akira; and Yamaoka, Hideyoshi, 4,544,443, Cl. 156-643.000.

Hirokawa, Masaru: *See—*

Kishida, Konosuke; and Hirokawa, Masaru, 4,526,904, Cl. 521-26.000.

Hirokawa, Noboru: *See—*

Okoh, Tomio; Matsumoto, Tomoaki; and Hirokawa, Noboru, 4,531,893, Cl. 417-220.000.

Hirokazu, Aoki: *See—*

Toyooka, Takashi; Hirokazu, Aoki; Sugie, Mamoru; and Sugita, Yutaka, 4,538,242, Cl. 365-8.000.

Hiroki, Ohta; Masatsugu, Oda; and Jun, Kato, to Mitsubishi Chemical Industries Limited. Organophosphoric acid esters of benzofuranols and pesticidal compositions thereof. 4,560,682, 12-24-85, Cl. 514-100.000.

Hiroki, Yoichi: *See—*

Kaneko, Tomonori; Mori, Shunji; Ichikawa, Tetsuo; Hiroki, Yoichi; and Kariya, Takashi, 4,495,780, Cl. 62-229.000.

Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, to Mitsubishi Chemical Industries Limited; Kabushiki Kaisha Kobe Seiko Sho; Idemitsu Kosan Company Limited; Asia Oil Company Limited; and Nippon Brown Coal Liquefaction Co., Ltd. Process for converting coal. 4,541,914, 9-17-85, Cl. 208-10.000.

- Hiromae, Yoshitaka: *See—*
  - Shimoyama, Yoshiaki; Miyoshi, Kunisuke; and Hiromae, Yoshitaka, 4,560,423, Cl. 148-111.000.
  - Tanaka, Osamu; Nakashima, Shozaburo; Nagano, Takashi; Kumano, Tomoji; and Hiromae, Yoshitaka, 4,543,134, Cl. 148-113.000.
- Hiromasa, Shunichiro: *See—*
  - Abe, Tomoaki; Kinugawa, Masumi; and Hiromasa, Shunichiro, 4,527,530, Cl. 123-494.000.
- Hiromitsu, Naka. Access door and framing apparatus for the access door's framework. 4,507,836, 4-2-85, Cl. 29-252.000.
- Hiromori, Kunio; and Tsuda, Kiyoshi, to Nippon Electric Co., Ltd. Apparatus for feeding flat articles. 4,523,753, 6-18-85, Cl. 271-31.100.
- Hiromori, Yasutaka: *See—*
  - Murakami, Mutsuaki; Hiromori, Yasutaka; and Naito, Hiroshi, 4,503,118, Cl. 428-323.000.
- Hiromoto, Shuji: *See—*
  - Misumi, Atsushi; and Hiromoto, Shuji, 4,530,490, Cl. 267-47.000.
  - Ohno, Akira; Itakura, Yasushi; Tabe, Takayuki; and Hiromoto, Shuji, 4,546,958, Cl. 267-47.000.
- Hiron, Thierry: *See—*
  - Madsac, Michel; and Hiron, Thierry, 4,531,984, Cl. 148-16.600.
- Hironaga, Katsuji; and Nishiura, Tadaki, to Nihon Kagaku Kogyo Co., Ltd. Apparatus for measuring two-phase flow. 4,516,432, 5-14-85, Cl. 73-861.040.
- Hironaka, Kouji: *See—*
  - Kunii, Hiroyuki; Sente, Hirohisa; and Hironaka, Kouji, 4,553,016, Cl. 219-121.0LG.
- Hironaka, Toshio: *See—*
  - Sakamoto, Teruhisa; Ishida, Satoshi; Hironaka, Toshio; and Tsutsumi, Yukihiro, 4,528,410, Cl. 568-897.000.
- Hironaka, Yoshio; and Kumazawa, Takashi, to Idemitsu Kosan Company Limited. Process for the production of carbonyl compounds. 4,551,555, 11-5-85, Cl. 568-401.000.
- Hironimus, Jeannot: *See—*
  - Oberle, Edmond; Wattron, Bernard; and Hironimus, Jeannot, 4,496,107, Cl. 241-101.700.
- Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; and Takeya, Yasuo, to Mitsubishi Denki Kabushiki Kaisha; and Nihon Kentetsu Co., Ltd. Agitating type washing machine. 4,542,633, 9-24-85, Cl. 68-12.00R.
- Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; Takeya, Yasuo; and Nagai, Satoshi, to Kaisha, Kentetsuco., Ltd. Agitating type washing machine. 4,554,805, 11-26-85, Cl. 68-12.00R.
- Hirooka, Masaaki; Kubo, Keiji; and Yoshihara, Toshiyuki, to Canon Kabushiki Kaisha. Electrophotographic CdS photosensitive member with acrylic resin binder. 4,517,271, 5-14-85, Cl. 430-94.000.
- Hirooka, Masaaki, to Canon Kabushiki Kaisha. Process for producing silicon-containing deposit film. 4,554,180, 11-19-85, Cl. 427-248.100.
- Hirooka, Masaaki; Toma, Hitoshi; and Kondo, Hideyo, to Canon Kabushiki Kaisha. Image holding member having protective layers. 4,559,260, 12-17-85, Cl. 428-215.000.
- Hirooka, Seiji; and Torii, Michiaki, to Nippon Petrochemicals Company, Limited. Fuel composition. 4,507,516, 3-26-85, Cl. 585-14.000.
- Hirooka, Susumu: *See—*
  - Masuyama, Masaru; Hirooka, Susumu; and Yamaoka, Nobutatsu, 4,545,929, Cl. 252-520.000.
  - Masuyama, Masaru; Hirooka, Susumu; and Yamaoka, Nobutatsu, 4,547,314, Cl. 252-520.000.
- Hirooka, Yasuhiro: *See—*
  - Komoda, Akira; Hirooka, Yasuhiro; Yoshihara, Takahisa; and Matsuda, Akira, 4,500,400, Cl. 204-206.000.
- Hirosaki, Botaro, to NEC Corporation. Framing circuit for digital system. 4,541,104, 9-10-85, Cl. 375-114.000.
- Hirosaki, Yoshikazu; and Hattori, Katsuhide, to Nippon Oil and Fats Co., Ltd. Stable aqueous solution-type oxidizing agent composition for explosives. 4,496,471, 1-29-85, Cl. 252-186.210.
- Hirosawa, Kouichiro: *See—*
  - Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, 4,518,068, Cl. 192-0.052.
  - Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, 4,529,072, Cl. 192-0.052.
- Hirosawa, Makoto, to Dainippon Screen Seizo Kabushiki Kaisha. Method for composing and recording a picture and a character by using picture signals and character signals for use in a picture reproducing machine. 4,496,989, 1-29-85, Cl. 358-296.000.
- Hirosawa, Makoto, to Dainippon Screen Seizo Kabushiki Kaisha. Method of recording a halftone picture electronically. 4,547,814, 10-15-85, Cl. 358-298.000.
- Hirosawa, Shigeru: *See—*
  - Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.
- Hirosawa, Toshio; Ohki, Masaru; Miyazaki, Katuto; Kobayashi, Nobuo; and Koizumi, Naoko, to Hitachi, Ltd. Terminal controller. 4,550,386, 10-29-85, Cl. 364-900.000.
- Hirosawa, Yasuhisa: *See—*
  - Nikaido, Akira; Machida, Takayasu; Hirosawa, Yasuhisa; and Nakajima, Fumio, 4,558,244, Cl. 310-49.00R.
- Hirosawa, Yoshiaki: *See—*
  - Katayama, Hiroomi; and Hirosawa, Yoshiaki, 4,494,518, Cl. 123-612.000.
  - Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,499,875, Cl. 123-416.000.
  - Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,502,441, Cl. 123-416.000.
- Hirose, Akio. Golf club adjuster. 4,549,357, 10-29-85, Cl. 33-508.000.
- Hirose Electric Co., Ltd.: *See—*
  - Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,509,090, Cl. 361-119.000.
  - Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,544,984, Cl. 361-119.000.
- Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, to Hitachi, Ltd. Washing machine with drier. 4,507,942, 4-2-85, Cl. 68-20.000.
- Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, to Hitachi, Ltd. Washing machine with drier. 4,551,996, 11-12-85, Cl. 68-20.000.
- Hirose, Fumio: *See—*
  - Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.
  - Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.
- Hirose, Haruomi; and Yamazaki, Akio, to Daiwa Seiko Co., Ltd. Trawling line information communication system. 4,516,348, 5-14-85, Cl. 43-17.000.
- Hirose, Hideo, to Nippon Kogaku K.K. Telecentric variable power illumination system. 4,511,223, 4-16-85, Cl. 350-523.000.
- Hirose, Hideo, to Nippon Kogaku K.K. Telecentric illumination system. 4,526,443, 7-2-85, Cl. 350-415.000.
- Hirose, Iwao: *See—*
  - Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, 4,521,101, Cl. 355-10.000.
- Hirose, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Image information filing apparatus and method. 4,555,803, 11-26-85, Cl. 382-61.000.
- Hirose, Kikuji: *See—*
  - Kitayama, Minoru; Nakamura, Motoharu; Hirose, Kikuji; and Tanida, Masashi, 4,537,792, Cl. 427-13.000.
- Hirose, Koichi: *See—*
  - Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.
  - Shibata, Akira; Hirose, Koichi; and Yamamoto, Akihiro, 4,519,005, Cl. 360-65.000.
- Hirose Manufacturing Co., Ltd.,: *See—*
  - Hirose, Tokuzo, 4,537,142, Cl. 112-231.000.
- Hirose, Masashi: *See—*
  - Yashima, Michio; Komatsu, Akihiro; Takanashi, Masami; Hirose, Masashi; and Nakayama, Kengo, 4,508,944, Cl. 200-61.850.
- Hirose, Masataka; Kawajiri, Kazuhiro; and Nakajima, Yosuke, to Fuji Photo Film Co., Ltd. Solid state image pickup device utilizing microcrystalline and amorphous silicon. 4,523,214, 6-11-85, Cl. 357-30.000.
- Hirose, Masataka: *See—*
  - Ueno, Tsuyoshi; Suzuki, Katsumi; and Hirose, Masataka, 4,532,199, Cl. 430-128.000.
- Hirose, Masatake: *See—*
  - Ueno, Tsuyoshi; Suzuki, Katsumi; and Hirose, Masataka, 4,532,199, Cl. 430-128.000.
- Hirose, Masayoshi: *See—*
  - Okazaki, Tetuji; Kawasaki, Kanji; and Hirose, Masayoshi, 4,524,252, Cl. 200-38.00E.
  - Ozawa, Kiyomi; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,504,483, Cl. 514-351.000.
  - Ozawa, Kiyomi; Nakajima, Yasuyuki; Tsugeno, Makoto; Ishii, Shigeru; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,540,706, Cl. 514-403.000.
- Hirose, Minoru, to Kabushiki Kaisha Toshiba. Automatic bank note transaction apparatus. 4,554,444, 11-19-85, Cl. 235-379.000.
- Hirose, Namio: *See—*
  - Tanaka, Shinichi; Matsuda, Ikuo; Hirose, Namio; and Kobayashi, Kazutsugu, 4,504,934, Cl. 369-18.000.
  - Tanaka, Shinichi; and Hirose, Namio, 4,538,882, Cl. 350-255.000.
- Hirose, Naohiro: *See—*
  - Sasaki, Osamu; Hirose, Naohiro; and Sawada, Kiyoshi, 4,562,131, Cl. 430-58.000.
- Hirose, Noriyasu; Kuriyama, Shizuo; Yamatsu, Kiyomi; Kitahara, Akifumi; and Uzuo, Takeshi, to Eisai Co., Ltd. Phenothiazine derivatives and anti-psychotic drugs containing the same. 4,514,395, 4-30-85, Cl. 514-224.000.
- Hirose, Takao, to Allied Corporation. Shielded electrical connector. 4,544,227, 10-1-85, Cl. 339-143.00R.
- Hirose, Takao: *See—*
  - Ohtsuki, Tomonari; and Hirose, Takao, 4,557,545, Cl. 339-103.00M.
  - Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Kato, Osamu, 4,521,294, Cl. 208-23.000.
  - Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Katoh, Osamu, 4,533,535, Cl. 423-447.400.
  - Uemura, Seiichi; Hirose, Takao; and Sohda, Yoshio, 4,534,950, Cl. 423-447.400.
- Hirose, Takeo: *See—*
  - Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, 4,541,371, Cl. 123-65.0PE.
- Hirose, Takeshi; Ito, Nobuo; Hirai, Kiyomiki; and Takeuchi, Koji, to Ajinomoto Co., Inc. Latent curing agents for epoxy resins. 4,546,155, 10-8-85, Cl. 525-504.000.

- Hirose, Takeshi: *See—*
  - Furutachi, Nobuo; and Hirose, Takeshi, 4,503,141, Cl. 430-558.000.
  - Furutachi, Nobuo; and Hirose, Takeshi, 4,513,082, Cl. 430-552.000.
  - Furutachi, Nobuo; Nakamura, Kotaro; and Hirose, Takeshi, 4,556,630, Cl. 430-372.000.
  - Ichijima, Seiji; and Hirose, Takeshi, 4,526,861, Cl. 430-385.000.
  - Ichijima, Seiji; and Hirose, Takeshi, 4,533,625, Cl. 430-552.000.
  - Itoh, Isamu; and Hirose, Takeshi, 4,525,450, Cl. 430-552.000.
  - Kobayashi, Hidetoshi; Takahashi, Toshiro; Hirano, Shigeo; Hirose, Takeshi; and Adachi, Keiichi, 4,518,682, Cl. 430-543.000.
  - Miyawaki, Yoshiharu; Hirose, Takeshi; Hamada, Yoneichi; Mizuoka, Seishi; and Tsuru, Masahiro, 4,532,980, Cl. 164-475.000.
- Hirose, Tokuzo, to Hirose Manufacturing Co., Ltd.,. Shuttle stopper for lock stitch sewing machine. 4,537,142, 8-27-85, Cl. 112-231.000.
- Hirose, Tomonao, to Kohshin Seimitsu Kikai Kabushiki Gaisha. Detachable pressure foot with solenoid actuated securing device. 4,492,173, 1-8-85, Cl. 112-240.000.
- Hirose, Tomonao, to Kohshin Seimitsu Kikai Kabushiki Gaisha. Holder for detachably mounting a presser foot. 4,548,145, 10-22-85, Cl. 112-240.000.
- Hirose, Toru: *See—*
  - Miyata, Shigeo; Okada, Akira; and Hirose, Toru, 4,505,887, Cl. 423-635.000.
- Hirose, Toshifumi: *See—*
  - Isayama, Katsuhiko; Hirose, Toshifumi; and Kawakubo, Fumio, 4,543,403, Cl. 526-263.000.
  - Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,496,611, Cl. 427-160.000.
  - Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,513,061, Cl. 428-429.000.
- Hirose, Toshiharu: *See—*
  - Tsushima, Noriyuki; and Hirose, Toshiharu, 4,541,157, Cl. 29-149.50C.
- Hirose, Yasuo, to Nippon Furnace Kogyo Kaisha, Ltd. System for recovering resources from sludge. 4,507,127, 3-26-85, Cl. 48-89.000.
- Hirose, Yasuo: *See—*
  - Hasegawa, Toshiaki; and Hirose, Yasuo, 4,543,834, Cl. 73-861.050.
  - Hasegawa, Toshiaki; and Hirose, Yasuo, 4,554,832, Cl. 73-432.00R.
- Hirose, Yoshiyuki. Parts feeder. 4,519,524, 5-28-85, Cl. 221-167.000.
- Hiroshi, Sakurai; and Yong Chul, Kim. Hydraulic clamping apparatus for an injection molding machine. 4,545,756, 10-8-85, Cl. 425-590.000.
- Hiroshima Kasei, Ltd.: *See—*
  - Fujii, Hiromasa; and Matsui, Hisakazu, 4,491,556, Cl. 264-243.000.
- Hiroshima, Koichi; and Tada, Yoshinori, to Ransburg Japan, Limited. Method and apparatus for preparing emulsions. 4,495,086, 1-22-85, Cl. 252-314.000.
- Hiroshima, Minoru: *See—*
  - Suzuki, Ryo; Hiroshima, Minoru; Takeshita, Masatoshi; and Sugita, Yutaka, 4,502,129, Cl. 365-8.000.
- Hiross International Corp., S.A.: *See—*
  - Miller, Allan S., 4,527,584, Cl. 137-192.000.
- Hirosue, Hideharu: *See—*
  - Abe, Eiichi; and Hirosue, Hideharu, 4,542,043, Cl. 427-213.000.
- Hirota, Akira; Miyahara, Hiroyuki; and Kosaka, Yoshiteru, to Victor Company of Japan, Ltd. Video memory device. 4,536,795, 8-20-85, Cl. 358-160.000.
- Hirota, Akira, to Victor Company of Japan, Ltd. Circuit for reducing noise in a carrier chrominance signal. 4,558,353, 12-10-85, Cl. 358-36.000.
- Hirota, Eiichi: *See—*
  - Nomura, Noboru; Hirota, Eiichi; and Wasa, Kiyotaka, 4,535,376, Cl. 360-126.000.
- Hirota, Junichi: *See—*
  - Koh, Hiroshi; and Hirota, Junichi, 4,520,343, Cl. 340-19.00R.
- Hirota, Kazumi: *See—*
  - Katsura, Tadahiko; Hirota, Kazumi; and Ueno, Hiroshi, 4,501,375, Cl. 220-270.000.
- Hirota, Kazuo: *See—*
  - Akiba, Yutaka; and Hirota, Kazuo, 4,549,042, Cl. 174-114.00R.
  - Shimokobe, Hirokata; Saito, Sueo; Tomioka, Kentaro; Akahane, Shoji; and Hirota, Kazuo, 4,524,824, Cl. 106-35.000.
- Hirota, Ken; Fujimoto, Yoshiaki; Watanabe, Kouichi; and Sugimura, Minoru, to Matsushita Electric Industrial Co., Ltd. Polycrystalline ferrite and a magnetic head using the same. 4,521,323, 6-4-85, Cl. 252-62.590.
- Hirota, Kiwami; Tamano, Hideki; and Sakaguchi, Fumio, to Showa Denko Kabushiki Kaisha. Visbroken propylene-ethylene random copolymers, process and films. 4,552,930, 11-12-85, Cl. 525-333.800.
- Hirota, Mitsuhiko: *See—*
  - Fujioka, Yoshiki; and Hirota, Mitsuhiko, 4,499,414, Cl. 318-803.000.
- Hirota, Tatsuya: *See—*
  - Aoki, Yoshiaki; Suzuki, Hazime; and Hirota, Tatsuya, 4,516,335, Cl. 34-133.000.
- Hirota, Toshio: *See—*
  - Ozawa, Masuo; and Hirota, Toshio, 4,520,764, Cl. 123-3.000.
- Hirota, Yoji: *See—*
  - Hatano, Hirofumi; and Hirota, Yoji, 4,519,822, Cl. 55-459.00R.
- Hirota, Yoshinobu: *See—*
  - Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.
- Hirota, Yoshitsugu: *See—*
  - Ohsaki, Kozo; Kikuchi, Katsutoshi; and Hirota, Yoshitsugu, 4,525,482, Cl. 518-707.000.
- Hirota, Yutaka; and Eguchi, Takashi, to Matsushita Electric Industrial Co., Ltd. Horizontal sync pulse control circuit for video tape recorder utilizing pulse code modulation. 4,507,687, 3-26-85, Cl. 358-335.000.
- Hirotani, Toyotoshi: *See—*
  - Kishi, Yoshiki; Hirotani, Toyotoshi; Ohira, Tomohiro; and Fukui, Yukio, 4,550,294, Cl. 332-7.510.
- Hirotsuka, Motohiko; and Kito, Makoto, to Fuji Oil Company, Limited. Phosphorylated soybean protein. 4,501,694, 2-26-85, Cl. 260-123.500.
- Hiroyasu, Minoru; Yamagishi, Shigeru; Yamashita, Hideo; Yamada, Susumu; and Takahashi, Koji, to Honda Giken Kogyo Kabushiki Kaisha. Method and machine for machining the surface of a valve seat. 4,545,706, 10-8-85, Cl. 408-1.0BD.
- Hiroyasu, Minoru; Yamashita, Hideo; Ohguro, Tamotsu; Yamagishi, Shigeru; and Shino, Shigenari, to Honda Giken Kogyo Kabushiki Kaisha. Reamer holding device for machining valve seats. 4,555,205, 11-26-85, Cl. 408-150.000.
- Hiroyoshi, Kamatani: *See—*
  - Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, 4,562,239, Cl. 528-65.000.
- Hirozawa, Stanley T.: *See—*
  - Wilson, Joe C.; Hirozawa, Stanley T.; and Conville, John J., 4,548,787, Cl. 422-15.000.
- Hirs, Gene. Method of oil coagulation utilizing entrained gas. 4,530,767, 7-23-85, Cl. 210-708.000.
- Hirsbrunner, Pierre; and Bertholet, Raymond, to Nestec S.A. Betaine derivative. 4,530,799, 7-23-85, Cl. 260-501.130.
- Hirsbrunner, Pierre; and Pavillard, Blaise, to Nestec S.A. Purification of caffeine. 4,531,003, 7-23-85, Cl. 544-275.000.
- Hirsbrunner, Pierre: *See—*
  - Bertholet, Raymond; and Hirsbrunner, Pierre, 4,506,080, Cl. 548-504.000.
- Hirsch, Arthur, to Arvey Corporation. Steam sterilization indicator. 4,514,361, 4-30-85, Cl. 422-26.000.
- Hirsch, Gerhard: *See—*
  - Ehrlinger, Wolfgang; Hirsch, Gerhard; and Alberty, Michael, 4,550,296, Cl. 333-26.000.
- Hirsch, Hermann, to Hermann Hirsch Leder- und Kunststoffwarenfabrik. Belt or strap. 4,513,896, 4-30-85, Cl. 224-178.000.
- Hirsch, John L.; and Freitag, Ludwig W., to Curt G. Joa, Inc. Elastic band applicator and sheet folder. 4,492,608, 1-8-85, Cl. 156-467.000.
- Hirsch, John L.; and VanVoorst, Gene A., to Curt G. Joa, Inc. Padcross folder. 4,508,528, 4-2-85, Cl. 493-426.000.
- Hirsch, Joy, to Interzeag AG. Method and apparatus for measuring contrast sensitivity. 4,526,452, 7-2-85, Cl. 351-243.000.
- Hirsch, Kenneth S.; Jones, Charles D.; Taylor, Harold M.; and Winter, Mark A., to Eli Lilly and Company. Isoxazolyl and isothiazolyl aromatase inhibitors. 4,560,695, 12-24-85, Cl. 514-372.000.
- Hirsch, Kurt. Process and apparatus for pre-foaming synthetic plastics. 4,510,106, 4-9-85, Cl. 264-53.000.
- Hirsch, Martin; Schnabel, Wolfram; Sauer, Harald; and Schmidt, Hans-Werner, to Metallgesellschaft Aktiengesellschaft. Process of afterburning and purifying process exhaust gases. 4,539,188, 9-3-85, Cl. 423-210.000.
- Hirsch, Martin; Fischer, Peter; and Serbent, Harry, to Metallgesellschaft Aktiengesellschaft. Continuous process of melting sponge iron. 4,540,432, 9-10-85, Cl. 75-43.000.
- Hirsch, Martin: *See—*
  - Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.
  - Rudolph, Paul; and Hirsch, Martin, 4,556,402, Cl. 48-197.00R.
- Hirsch, Paul: *See—*
  - Nibbe, Bodo B.; and Hirsch, Paul, 4,501,946, Cl. 219-10.55E.
- Hirsch, Werner; and Ehling, Uwe, to B.A.T. Cigaretten-Fabriken GmbH. Apparatus for determining the concentration of vapors in a flowing gas stream. 4,507,875, 4-2-85, Cl. 34-44.000.
- Hirschauer, Andre: *See—*
  - Chauvin, Yves; Commereuc, Dominique; Hirschauer, Andre; Reffet, Dominique; and Stern, Robert, 4,533,500, Cl. 260-404.000.
- Hirschberg, Eugene H.: *See—*
  - Bertolacini, Ralph J.; Hirschberg, Eugene H.; and Modica, Frank S., 4,497,902, Cl. 502-65.000.
  - Bertolacini, Ralph J.; Hirschberg, Eugene H.; and Modica, Frank S., 4,542,116, Cl. 502-65.000.
- Hirschberg, Jakub, to Siemens Aktiengesellschaft. Transport device for individual sheets to be combined into a stack. 4,560,157, 12-24-85, Cl. 271-126.000.
- Hirschberger, August: *See—*
  - Bienert, Horst; and Hirschberger, August, 4,548,439, Cl. 296-223.000.
- Hirschbuehler, Kevin; and Susman, Samuel E., to American Cyanamid Company. Curable epoxy resin compositions. 4,533,686, 8-6-85, Cl. 523-468.000.
- Hirschbuehler, Kevin, to American Cyanamid Company. Curable epoxy resin compositions. 4,562,217, 12-31-85, Cl. 523-466.000.
- Hirschbuehler, Kevin R.; and Stern, Bruce A., to American Cyanamid Company. High impact strength fiber resin matrix composites. 4,539,253, 9-3-85, Cl. 428-229.000.
- Hirschfeld, Steven, to Biond Inc. Assaying for a multiplicity of antigens or antibodies with a detection compound. 4,514,508, 4-30-85, Cl. 436-518.000.

- Hirschfeld, Tomas B., to University of California, The Regents of the. Pressure-sensitive optrode. 4,509,370, 4-9-85, Cl. 73-705.000.
- Hirschfeld, Tomas B., to United States of America, Energy. Nonsaturable microdryer. 4,528,078, 7-9-85, Cl. 204-129.000.
- Hirschfeld, Tomas B., to University of California, The Regents of the. Temperature-sensitive optrode. 4,542,987, 9-24-85, Cl. 356-44.000.
- Hirschfeld, Tomas B.; and Block, Myron J., to Block, Myron J. Assay apparatus and methods. 4,558,014, 12-10-85, Cl. 436-527.000.
- Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., to Glasgeratebau Hirschmann. Dispenser for dispensing liquids in controlled quantities from a bottle. 4,526,294, 7-2-85, Cl. 222-47.000.
- Hirschmann, Ralph F.: *See—*
  - Blaine, Edward H.; Cragoe, Edward J., Jr.; Hirschmann, Ralph F.; Nancarrow, John F., deceased; Nancarrow, Elisabeth M., executrix; and Tobert, Jonathan A., 4,510,322, Cl. 514-255.000.
- Hirschmanner, Franz; and Rom, Ernst, to Voest-Alpine Aktiengesellschaft. Coiler-furnace unit. 4,528,434, 7-9-85, Cl. 219-10.49A.
- Hirschmanner, Franz; Buchegger, Rudolf; and Brettbacher, Franz, to Voest-Alpine Aktiengesellschaft. Heat shield for a rolling mill. 4,554,812, 11-26-85, Cl. 72-202.000.
- Hirschmanner, Franz: *See—*
  - Brettbacher, Franz; Rudolf, Buchegger; and Hirschmanner, Franz, 4,494,395, Cl. 72-203.000.
- Hirshfeld, Uri, to Orda Industries Ltd. Hand-held ball game. 4,515,373, 5-7-85, Cl. 273-317.000.
- Hirst, John A. B., to Rotabolt Limited. Fastener device. 4,525,114, 6-25-85, Cl. 411-9.000.
- Hirt, Adam: *See—*
  - Buchschmid, Emil; Gademann, Lothar; Hirt, Adam; Huttinger, Manfred; Jahn, Hans P.; Orova, Josef; Schmid, Hans-Dieter; and Steffen, Horst-Gunter, 4,561,410, Cl. 123-599.000.
- Hirt, Manfred, to Zahnraderfabrik Renk A.G. Gearing assembly. 4,513,637, 4-30-85, Cl. 74-801.000.
- Hirte, Klaus: *See—*
  - Evans, Elfed H.; Hirte, Klaus; and Stremmel, Gerd, 4,549,978, Cl. 252-109.000.
- Hirth, Georges; Petrzilka, Martin; and Pracht, Inge, to Hoffmann-La Roche Inc. Optical immersion oil. 4,559,147, 12-17-85, Cl. 252-1.000.
- Hirtsiefer, Karl-Richard: *See—*
  - Dubiel, Oswald; Hirtsiefer, Karl-Richard; and Wagner, Paul-Heinz, 4,524,651, Cl. 81-57.390.
- Hirtz, Jean-Pierre: *See—*
  - Di Forte Poisson, Marie-Antoinette; Hirtz, Jean-Pierre; Duchemin, Jean-Pascal; and de Cremoux, Baudouin, 4,494,237, Cl. 372-45.000.
- Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, to Hamamatsu TV Co., Ltd. Cancer diagnosis device utilizing laser beam pulses. 4,556,057, 12-3-85, Cl. 128-303.100.
- Hirunuma, Masanori: *See—*
  - Iwai, Noboru; Hirunuma, Masanori; and Kaneko, Junichi, 4,508,669, Cl. 264-36.000.
- Hiruta, Masaru: *See—*
  - Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, 4,506,028, Cl. 502-101.000.
- Hirvikoski, Urpo: *See—*
  - Ylonen, Paavo; Hirvikoski, Urpo; Piippo, Esa; and Rajala, Pentti, 4,548,164, Cl. 123-2.000.
- Hirvonen, Erkki A. Dosing device. 4,547,134, 10-15-85, Cl. 417-349.000.
- Hirvonen, James K.; Wittkower, Andrew B.; and Denholm, A. Stuart, to Zymet, Inc. Method and apparatus for controlling article temperature during treatment in vacuum. 4,528,208, 7-9-85, Cl. 427-35.000.
- Hirzel, Edgar A., to Crane Co. Aircraft ground velocity determination system. 4,495,589, 1-22-85, Cl. 364-565.000.
- Hirzinger, Peter; and Vatterott, Karl-Heinz, to Triumph-Adler A.G. fur Buro- und Informationstechnik. Wire print head having piezoelectric drive elements. 4,523,866, 6-18-85, Cl. 400-124.000.
- Hisada, Takanori: *See—*
  - Azumi, Takashi; Maruyama, Takesuke; and Hisada, Takanori, 4,557,567, Cl. 350-427.000.
- Hisada, Yoshio: *See—*
  - Furuzawa, Kunihiko; Funaki, Yuji; Hisada, Yoshio; and Izumi, Kazuo, 4,493,842, Cl. 424-273.00R.
- Hisadomi, Masaru: *See—*
  - Kurihara, Norimitsu; Suzuki, Toshiyasu; Iwanaga, Takashi; and Hisadomi, Masaru, 4,535,547, Cl. 33-356.000.
- Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, to Mita Industrial Co., Ltd. Paper guiding device in a copying apparatus. 4,523,754, 6-18-85, Cl. 271-264.000.
- Hisajima, Masahiko: *See—*
  - Kimura, Hiroshi; Hisajima, Masahiko; and Shigemura, Yutaka, 4,505,571, Cl. 355-3.0SH.
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.
  - Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.
  - Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, 4,519,702, Cl. 355-51.000.
  - Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, 4,551,009, Cl. 355-15.000.
- Hisaka Works, Ltd.: *See—*
  - Uehara, Haruo; and Sumitomo, Hiroyuki, 4,492,268, Cl. 165-166.000.
  - Yamada, Ken'ichi; Sumitomo, Hiroyuki; Horiguchi, Akira; and Masutani, Kenzo, 4,509,592, Cl. 165-166.000.
- Hisamatsu, Minoru: *See—*
  - Fujie, Akira; and Hisamatsu, Minoru, 4,493,788, Cl. 252-511.000.
- Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, to Daikin Kogyo Co., Ltd. Fluorine-containing aminocarboxylic acid compounds. 4,511,733, 4-16-85, Cl. 560-253.000.
- Hisamoto, Iwao; Omure, Yukio; and Ishikawa, Sueyoshi, to Daikin Kogyo Co., Ltd. Cleaning composition. 4,517,108, 5-14-85, Cl. 252-162.000.
- Hisamoto, Iwao; and Omure, Yukio, to Kaikin Kogyo Co., Ltd. Cleaning composition for wax removal. 4,530,776, 7-23-85, Cl. 252-153.000.
- Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, to Daikan Kogyo Co., Ltd. Fluorine-containing vinyl compound. 4,559,179, 12-17-85, Cl. 260-456.00F.
- Hisanaga, Akinori: *See—*
  - Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komabashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, 4,521,289, Cl. 204-253.000.
- Hisanaga, Yorisato: *See—*
  - Takahara, Takao; and Hisanaga, Yorisato, 4,542,209, Cl. 536-23.000.
- Hisano, Akira: *See—*
  - Itoh, Yasuo; Kato, Hideo; Matsumura, Kugako; Nishikawa, Tomoyasu; Hisano, Akira; Yamada, Takehisa; and Koshinaka, Eiichi, 4,534,980, Cl. 514-570.000.
- Hisano, Katsukuni: *See—*
  - Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
  - Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.
- Hisao, Tanaka: *See—*
  - Takayuki, Okada; Hisao, Tanaka; Ken-Ichi, Sawara; and Tsutomu, Konaka, 4,551,509, Cl. 526-68.000.
- Hisatake, Michio; Yamamoto, Kazuji; Hyodo, Toru; and Takahashi, Yoshitaka. Safety control device of commutator motors. 4,524,309, 6-18-85, Cl. 318-434.000.
- Hisatake, Yoshihiko: *See—*
  - Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.
- Hisatomi, Itaru, to Yamaha Hatsudoki Kabushiki Kaisha. Small-sized snowmobile. 4,502,560, 3-5-85, Cl. 180-190.000.
- Hisatomi, Yasukiro: *See—*
  - Kanebako, Hiromu; and Hisatomi, Yasukiro, 4,514,149, Cl. 417-403.000.
- Hisatsune, Fumiyuki: *See—*
  - Murata, Shirou; Yoshiyasu, Hajimu; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,002, Cl. 200-144.00C.
  - Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.
  - Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,003, Cl. 200-144.00C.
  - Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,521,653, Cl. 200-144.00C.
- Hise, Ralph E.; and Swenson, Paul F., to Consolidated Natural Gas Service Company, Inc. Cogeneration. 4,510,756, 4-16-85, Cl. 60-659.000.
- Hiseman, Robert Allen: *See—*
  - Ross, Mark A., 4,536,959, Cl. 30-161.000.
- Hisey, Durward A., to Hy-C Company, Inc. Chimney cap. 4,534,280, 8-13-85, Cl. 98-67.000.
- Hisey, Durward A., to Hy-C Company, Inc. Chimney cap. 4,535,686, 8-20-85, Cl. 98-67.000.
- Hishida, Hiroaki: *See—*
  - Arai, Sakuji; Sato, Katsuaki; Kochi, Susumu; and Hishida, Hiroaki, 4,559,776, Cl. 60-280.000.
- Hishikawa, Yasuo; Mitani, Hisashi; and Ando, Masanao, to Shimadzu Corporation. Fluid foil bearing. 4,526,483, 7-2-85, Cl. 384-106.000.
- Hishiki, Hideo: *See—*
  - Kobayashi, Toshio; and Hishiki, Hideo, 4,554,488, Cl. 315-368.000.
- Hishinuma, Yukio: *See—*
  - Arakawa, Tadao; Noguchi, Yoshiki; Hishinuma, Yukio; and Nagasaki, Nobuo, 4,546,603, Cl. 60-39.120.
  - Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.
  - Koyama, Syuntaro; Tomuro, Jinichi; Miyamoto, Tomohiko; Noguchi, Yoshiki; and Hishinuma, Yukio, 4,531,949, Cl. 48-202.000.
- Hishiyama, Sadao: *See—*
  - Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.

- Hiskes, John R.: *See—*
  - Leung, Ka-Ngo; Ehlers, Kenneth W.; and Hiskes, John R., 4,559,477, Cl. 315-111.810.
- Hiskes, Ronald: *See—*
  - Hanson, Eric G.; Hiskes, Ronald; and Schantz, Christopher A., 4,512,629, Cl. 350-96.300.
- Hislop, Alfred R., to United States of America, Navy. Switching mixer. 4,492,960, 1-8-85, Cl. 343-5.0DD.
- Hislop, Thomas H., to Plessey Overseas Limited. Target detection systems. 4,532,520, 7-30-85, Cl. 343-373.000.
- Hispano-Suiza: *See—*
  - Ville, Daniel; and Virmoux, Michel R. C., 4,543,074, Cl. 464-33.000.
- Hista, Jean C., to Framatome & Cie. Reactor building. 4,518,561, 5-21-85, Cl. 376-293.000.
- Hitach, Ltd.: *See—*
  - Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.
- Hitachi, Akio: *See—*
  - Honda, Shigemichi; Hitachi, Akio; Suzuki, Kiyosuke; and Dochi, Kiyotaka, 4,498,090, Cl. 346-159.000.
- Hitachi Automotive Engineering Co., Ltd.: *See—*
  - Ito, Tomoo; Kamifuji, Hiroshi; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,494,498, Cl. 123-179.00G.
  - Kamifuji, Hiroshi; Ito, Tomoo; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,547,852, Cl. 364-431.040.
  - Momono, Masakichi; Moriya, Hisanori; Souma, Masahiro; and Hamashima, Eiji, 4,520,962, Cl. 239-585.000.
  - Sano, Yukinori; Hoshi, Yoshikazu; and Takahashi, Ikuo, 4,552,114, Cl. 123-481.000.
- Hitachi Cable Ltd.: *See—*
  - Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, 4,493,530, Cl. 350-96.340.
  - Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, 4,500,168, Cl. 350-96.340.
  - Kamada, Osao, 4,518,449, Cl. 156-153.000.
  - Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
  - Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi, 4,510,974, Cl. 138-137.000.
  - Sasaki, Hajime; and Nishiyama, Shinichi, 4,519,980, Cl. 420-474.000.
  - Toya, Shigeo; Abe, Koichi; and Zobuchi, Mitsumasa, 4,529,265, Cl. 350-96.210.
- Hitachi Chemical Company: *See—*
  - Nakaso, Akishi; Okamura, Toshiro; Yamanoi, Kiyoshi; and Nakajima, Sumiko, 4,557,762, Cl. 106-1.230.
- Hitachi Chemical Company, Ltd.: *See—*
  - Dobashi, Akihiko; Ohta, Tomohisa; Himori, Hirotsugu; and Sekine, Hideo, 4,544,573, Cl. 427-44.000.
  - Fujioka, Atsushi; Miyadera, Yasuo; and Fukuda, Tomio, 4,526,838, Cl. 428-458.000.
  - Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, 4,510,008, Cl. 156-245.000.
  - Ishii, Mitsuru; Akiyama, Seikichi; and Ishibashi, Hiroshi, 4,543,485, Cl. 250-487.100.
  - Ishimaru, Toshiaki; Tsukada, Katsushige; Hayashi, Nobuyuki; Koibuchi, Shigeru; and Isobe, Asao, 4,499,163, Cl. 430-5.000.
  - Ishimaru, Toshiaki; Tsukada, Katsushige; and Hayashi, Nobuyuki, 4,544,625, Cl. 430-284.000.
  - Isobe, Asao; Makino, Daisuke; and Shiraishi, Hiroshi, 4,513,077, Cl. 430-270.000.
  - Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.
  - Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.
  - Kakumaru, Hajime; and Hayashi, Nobuyuki, 4,562,142, Cl. 430-288.000.
  - Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.
  - Kikuchi, Toru; Saito, Takayuki; Kobayashi, Akihiro; and Goto, Hitoshi, 4,507,460, Cl. 525-507.000.
  - Kumazawa, Tetsuo; Doi, Hiroaki; Miyadera, Yasuo; Fujioka, Atsushi; and Nagai, Tadashi, 4,528,223, Cl. 428-36.000.
  - Kuwajima, Hideji; Shike, Kazuyoshi; and Watanabe, Takeyoshi, 4,491,618, Cl. 428-241.000.
  - Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shun-ichiro; and Suzuki, Hiroshi, 4,511,705, Cl. 528-26.000.
  - Mukoyama, Yoshiyuki; Hirai, Osamu; and Aoyama, Tetsuya, 4,505,818, Cl. 210-502.100.
  - Mukoyama, Yoshiyuki; Sakata, Touichi; and Osada, Yuichi, 4,530,975, Cl. 525-423.000.
  - Nakada, Takao; Kamimura, Mamoru; and Ashizawa, Toranosuke, 4,542,110, Cl. 501-103.000.
  - Nakashima, Kazuhide; Saito, Takayuki; Nakahara, Takeshi; and Tanaka, Shigeo, 4,492,789, Cl. 525-531.000.
  - Nakaso, Akishi; Yamanoi, Kiyoshi; Okamura, Toshiro; and Tsuru, Yoshiyuki, 4,548,644, Cl. 106-1.230.
  - Nishizawa, Hiroshi; and Mukoyama, Yoshiyuki, 4,497,944, Cl. 528-49.000.
  - Nishizawa, Hiroshi; Mukoyama, Yoshiyuki; Kasai, Shozo; and Okada, Yasunori, 4,505,980, Cl. 428-383.000.
  - Ohta, Tomohisa; Dobashi, Akihiko; Kanbara, Hisashige; and Seki, Yasuyuki, 4,554,174, Cl. 427-44.000.
  - Saito, Takayuki; Kikuchi, Toru; Obara, Masakatsu; and Kobayashi, Akihiro, 4,491,667, Cl. 549-302.000.
  - Sato, Hidetaka; Uchimura, Shunichiro; Uchigasaki, Isao; and Makino, Daisuke, 4,497,922, Cl. 524-104.000.
  - Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000.
  - Tomisawa, Yoshiaki; Kinoda, Seiji; Fujita, Eiji; Murata, Masanori; Takeuchi, Toshio; and Ogawa, Ken, 4,517,282, Cl. 430-399.000.
  - Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,519,690, Cl. 354-324.000.
  - Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,559,295, Cl. 430-325.000.
  - Ueyama, Tamotsu; and Yamada, Takao, 4,493,789, Cl. 252-514.000.
  - Yoshida, Masatoshi; and Miyadera, Yasuo, 4,511,681, Cl. 523-310.000.
- Hitachi Construction Machinery Co., Ltd.: *See—*
  - Aoyagi, Yukio; Izumi, Eiki; Yamaguchi, Takeshi; and Tanaka, Sotaro, 4,561,250, Cl. 60-430.000.
  - Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi, 4,509,995, Cl. 148-143.000.
  - Hashimoto, Hisayoshi; and Tamura, Morio, 4,517,878, Cl. 91-396.000.
  - Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,510,750, Cl. 60-443.000.
  - Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,528,813, Cl. 60-389.000.
  - Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,531,369, Cl. 60-456.000.
  - Nakajima, Kichio; Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; and Honma, Kazuo, 4,520,626, Cl. 60-468.000.
  - Okabe, Nobuya; and Mizushima, Hiroshi, 4,528,892, Cl. 91-6.000.
  - Sekino, Syoichi, 4,549,640, Cl. 192-0.094.
  - Shimada, Satoshi; Murayama, Ken; Kobori, Shigeyuki; and Kawakami, Kanji, 4,511,878, Cl. 338-4.000.
  - Watanabe, Hiroshi; and Izumi, Eiki, 4,558,593, Cl. 73-168.000.
  - Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,504,185, Cl. 414-700.000.
  - Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,534,268, Cl. 91-6.000.
- Hitachi Control Systems Inc.: *See—*
  - Miyaoka, Shinichiro; Sekozawa, Teruji; Funabashi, Motohisa; and Hayashi, Shinobu, 4,562,552, Cl. 364-510.000.
- Hitachi Denshi Engineering Kabushiki Kaisha: *See—*
  - Ito, Yukio; and Koshio, Yoshihiro, 4,506,882, Cl. 271-303.000.
  - Kawano, Hikaru; Sato, Koji; and Nogi, Hiroyoshi, 4,511,301, Cl. 414-43.000.
  - Koshio, Yoshihiro; Kato, Tadao; and Kawano, Hikaru, 4,500,002, Cl. 209-534.000.
  - Sato, Koji; and Kawano, Hikaru, 4,531,344, Cl. 53-447.000.
- Hitachi Denshi Kabushiki Kaisha: *See—*
  - Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.
  - Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.
  - Iwabe, Kazuki; and Noguchi, Wataru, 4,507,678, Cl. 358-51.000.
  - Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, 4,534,010, Cl. 364-748.000.
  - Kokuryo, Yoshiro, 4,535,295, Cl. 328-155.000.
  - Kougami, Akihiko; Mita, Seiichi; Kirino, Toru; and Nagahara, Shusaku, 4,521,816, Cl. 360-45.000.
  - Matsuoka, Hironao; and Suzuka, Kazuo, 4,556,989, Cl. 455-183.000.
  - Nozawa, Atsushi, 4,529,916, Cl. 315-385.000.
  - Takahashi, Kenji; Nagahara, Shusaku; Ozawa, Naoki; Kudo, Koji; and Hirano, Chikafusa, 4,527,200, Cl. 358-213.000.
  - Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, 4,549,117, Cl. 315-371.000.
  - Tanaka, Shuhei, 4,535,231, Cl. 250-201.000.
- Hitachi Engineering Co., Ltd.: *See—*
  - Arakawa, Tadao; Noguchi, Yoshiki; Hishinuma, Yukio; and Nagasaki, Nobuo, 4,546,603, Cl. 60-39.120.
  - Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.
  - Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, 4,507,260, Cl. 376-249.000.
  - Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, 4,523,272, Cl. 364-200.000.
  - Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.
  - Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.
  - Hamada, Nobuhiro; Sugimoto, Norihiko; and Nawa, Masumi, 4,517,644, Cl. 364-200.000.
  - Honbu, Mitsuyuki; Matsuda, Yasuo; Suzuki, Katsunori; and Kajita, Yoshiki, 4,549,258, Cl. 363-71.000.

Kajiyama, Shigeru; Takaku, Kazuo; Naruse, Akisuke; and Akasu, Akira, 4,531,663, Cl. 228-29.000.
Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.
Takaku, Kazuo; Naruse, Akisuke; Fujimoto, Hirotsugu; and Kimura, Hiroshi, 4,518,560, Cl. 376-245.000.
Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, 4,533,514, Cl. 376-308.000.
Hitachi Heating Appliances Co., Ltd.: *See—*
Ishihara, Masahiro; Watanabe, Mitsuru; Ohkawa, Shuji; Taguchi, Shunichi; and Kikuchi, Itsuo, 4,520,250, Cl. 219-10.55B.
Satoh, Kenji, 4,506,127, Cl. 219-10.55B.
Taguchi, Shunichi; Ohkawa, Shuji; Watanabe, Mitsuru; and Kikuchi, Itsuo, 4,518,839, Cl. 219-10.55B.
Hitachi Keiyo Engineering Co., Ltd.: *See—*
Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, 4,532,464, Cl. 318-807.000.
Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, 4,516,065, Cl. 318-811.000.
Sarugaku, Shinichi; Tsuchihashi, Akira; and Tsuji, Masao, 4,556,777, Cl. 219-124.340.
Hitachi Koki Co., Ltd.: *See—*
Inaniwa, Masahiro; and Ogawa, Yoichi, 4,528,492, Cl. 320-36.000.
Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, 4,561,717, Cl. 350-6.800.
Kimura, Kazuo; Taneda, Yukinori; Tsuyuki, Shinichi; Suzuki, Shun; Hashimoto, Yoshio; and Sakamoto, Shinichi, 4,520,965, Cl. 242-7.05B.
Komatsu, Isamu; Anzai, Masayasu; Hoshi, Nobuyoshi; and Akimaru, Susumu, 4,545,325, Cl. 118-645.000.
Okada, Kunihiro; Endo, Hirohide; Saito, Susumu; and Kataoka, Kenji, 4,514,079, Cl. 355-8.000.
Sakamoto, Junshin; and Shinohara, Shigeru, 4,556,831, Cl. 318-434.000.
Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.
Tatsuno, Kimio; and Saito, Susumu, 4,525,024, Cl. 350-6.500.
Yamada, Takahiro, 4,524,366, Cl. 346-75.000.
Yamamoto, Kunio; Ichikawa, Kaoru; and Moriguchi, Seki, 4,549,681, Cl. 227-8.000.
Hitachi Koki Haramachi Works, Ltd.: *See—*
Takeda, Mutsumi, 4,499,804, Cl. 83-399.000.
Hitachi Lighting, Ltd.: *See—*
Watanabe, Yoshio; and Iyama, Hiroyuki, 4,503,359, Cl. 315-105.000.
Hitachi, Ltd.: *See—*
Abe, Masayuki; Ikoma, Junichi; and Abiko, Kenzi, 4,497,003, Cl. 360-97.000.
Abe, Osamu; Mouri, Yasunori; and Sugiura, Noboru, 4,549,514, Cl. 123-425.000.
Abe, Yumiko; and Yasuda, Kenji, 4,525,265, Cl. 204-403.000.
Achiha, Masahiko; and Ishikura, Kazuo, 4,530,004, Cl. 358-11.000.
Adachi, Shigeki, 4,517,797, Cl. 60-39.281.
Aihara, Katsuzo; Tada, Naofumi; Suzuki, Yasuo; Ishihara, Joo; and Ogawa, Toshio, 4,560,404, Cl. 75-0.50C.
Aizawa, Iwao; and Masuda, Michio, 4,517,587, Cl. 358-17.000.
Akiba, Yutaka; Futami, Toshio; and Suda, Teruo, 4,546,210, Cl. 174-114.00R.
Akiba, Yutaka; and Hirota, Kazuo, 4,549,042, Cl. 174-114.00R.
Akiyama, Nobuyuki; Kembo, Yukio; and Nakagawa, Yasuo, 4,491,787, Cl. 324-71.500.
Akiyama, Nobuyuki; and Koizumi, Mitsuyoshi, 4,541,715, Cl. 356-237.000.
Amada, Eiichi; Kuwahara, Hiroshi; Shirasu, Hirotoshi; Suzuki, Taihei; and Morita, Takashi, 4,543,652, Cl. 370-66.000.
Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,501,249, Cl. 123-478.000.
Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,522,178, Cl. 123-478.000.
Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, 4,523,284, Cl. 364-431.120.
Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, 4,514,646, Cl. 307-200.00B.
Anzai, Norio; and Yasuoka, Hideki, 4,529,456, Cl. 148-186.000.
Aoyama, Takanobu, 4,555,603, Cl. 200-144.0AP.
Arai, Nobukatsu; Machida, Shigeru; Sato, Eiji; Tojo, Kenji; and Uchikawa, Naoshi, 4,496,296, Cl. 418-55.000.
Arai, Nobukatsu; and Maeda, Naoki, 4,522,574, Cl. 418-55.000.
Arai, Takao; and Noguchi, Takaharu, 4,492,997, Cl. 360-113.000.
Arai, Takao; Yamazaki, Shigeru; Kanazawa, Yasunori; and Noguchi, Takaharu, 4,539,615, Cl. 360-121.000.
Arakawa, Hideo; Kuniya, Keiichi; Chiba, Akio; and Shimizu, Seiki, 4,497,875, Cl. 428-620.000.
Arakawa, Tadao; Noguchi, Yoshiki; Hishinuma, Yukio; and Nagasaki, Nobuo, 4,546,603, Cl. 60-39.120.
Arita, Setsuo; and Ito, Tetsuo, 4,520,483, Cl. 371-68.000.
Asano, Etuo; Suzuki, Yasuro; and Midou, Nobuo, 4,492,884, Cl. 310-45.000.
Ashida, Akira, 4,514,854, Cl. 375-94.000.
Ashida, Akira, 4,531,223, Cl. 375-110.000.
Ashida, Akira, 4,538,119, Cl. 331-1.00A.
Atago, Takeshi; and Manaka, Toshio, 4,510,907, Cl. 123-435.000.
Atsumi, Akira; Oguni, Kensaku; Kuroda, Shigeaki; Senshu, Takao; and Yoshioka, Kazuo, 4,517,811, Cl. 62-197.000.
Atsumi, Akira; Oguni, Kensaku; Senshu, Takao; Terada, Hirokiyo; and Yoshioka, Kazuo, 4,551,983, Cl. 62-174.000.
Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.
Azuma, Kazufumi; Nakatani, Mitsuo; Nate, Kazuo; Okunaka, Masaaki; and Yokono, Hitoshi, 4,495,218, Cl. 427-53.100.
Azuma, Kazufumi; Nate, Kazuo; Nakatani, Mitsuo; Yokono, Hitoshi; and Endo, Takeshi, 4,530,746, Cl. 204-159.130.
Azuma, Nobuo; Satoh, Kenji; Mohri, Katsuo; and Furuhata, Takashi, 4,507,690, Cl. 360-33.100.
Azumi, Takashi; Maruyama, Takesuke; and Hisada, Takanori, 4,557,567, Cl. 350-427.000.
Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, 4,495,409, Cl. 250-211.00J.
Banba, Fumiyasu; and Ogata, Mikito, 4,558,446, Cl. 371-10.000.
Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.
Chino, Koichi; Kudo, Kazuhiko; Oda, Akira; Mura, Hideichi; and Takamura, Yoshiyuki, 4,526,713, Cl. 252-632.000.
Chinone, Naoki; Kashiwada, Yasutoshi; Yamashita, Shigeo; and Aiki, Kunio, 4,506,366, Cl. 372-45.000.
Doi, Motomichi; Okano, Kinpei; Nii, Katsutoshi; and Yokota, Yoshiharu, 4,508,396, Cl. 384-463.000.
Ebihara, Kohei, 4,502,429, Cl. 123-179.00J.
Endo, Akira; Hasegawa, Akira; and Shibata, Takanori, 4,514,645, Cl. 307-10.00R.
Endo, Akira; and Kimura, Katsuhiro, 4,527,160, Cl. 343-8.000.
Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.
Enoki, Takashi; Nakamura, Hiroaki; and Nakashima, Fujio, 4,525,820, Cl. 369-2.000.
Etoh, Jun; Kawajiri, Yoshiki; Hori, Ryoichi; and Itoh, Kiyoo, 4,503,522, Cl. 365-203.000.
Etoh, Tadaaki; Yano, Ryuji; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,495,601, Cl. 365-1.000.
Fujii, Teruo; Fukushima, Hiroshi; and Nakai, Nobuo, 4,540,856, Cl. 179-89.000.
Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, 4,507,260, Cl. 376-249.000.
Fujimura, Takashi; and Nishizawa, Masahiro, 4,524,306, Cl. 315-326.000.
Fujimura, Takashi; Takahashi, Katsuyu; and Nishizawa, Masahiro, 4,535,234, Cl. 250-238.000.
Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, 4,518,665, Cl. 429-153.000.
Fujiwara, Kaisaku; Yokooji, Shigenori; and Morishita, Yasuji, 4,502,047, Cl. 340-693.000.
Fujiwara, Katsuhiro; and Osako, Kazuyoshi, 4,502,112, Cl. 364-200.000.
Fujiwara, Mitsuru; and Torigoe, Taisuke, 4,560,333, Cl. 418-180.000.
Fujiya, Sigeru; Tsubaki, Tohru; Amano, Naoki; Yaginuma, Kyuzi; Kayaba, Hitoshi; Aiko, Yoriyuki; and Takahashi, Takeshi, 4,503,481, Cl. 361-341.000.
Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, 4,523,272, Cl. 364-200.000.
Fukunaga, Yasushi; and Bandoh, Tadaaki, 4,523,274, Cl. 364-200.000.
Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.
Fukushi, Keiji; Higashimura, Yutaka; Huzioka, Shinei; Iwaasa, Syuzou; and Kadotani, Kenzo, 4,492,889, Cl. 310-87.000.
Fukushima, Isao; Kobori, Yasunori; Nishijima, Hideo; and Masuda, Yoshinori, 4,518,901, Cl. 318-328.000.
Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, 4,521,750, Cl. 333-28.00R.
Fukuta, Masaharu; Oshima, Yoshio; Ishikawa, Sako; and Ohtsuki, Toru, 4,543,641, Cl. 364-756.000.
Funabashi, Kiyomi; Kawamura, Fumio; Kikuchi, Makoto; and Yusa, Hideo, 4,505,851, Cl. 252-628.000.
Funabashi, Kiyomi; Takagi, Toshio; Kawamura, Fumio; and Kikuchi, Makoto, 4,524,153, Cl. 521-26.000.
Funabashi, Kiyomi; Kawamura, Fumio; Takagi, Toshio; Urata, Megumu; and Fukasawa, Tetsuo, 4,543,085, Cl. 494-30.000.
Funakoshi, Tadayoshi; and Takeda, Kazuo, 4,493,611, Cl. 415-199.100.
Funasaki, Ken; Iijima, Toshiki; and Kagohata, Tsuneo, 4,518,032, Cl. 165-12.000.
Furihata, Makoto, 4,504,792, Cl. 329-106.000.
Furihata, Makoto, 4,509,036, Cl. 340-347.0AD.
Furumoto, Takayuki, 4,554,410, Cl. 179-2.00E.
Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, 4,514,270, Cl. 204-151.000.

Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.
Futami, Toshio; Yoshimoto, Shoji; and Yano, Ryuji, 4,498,152, Cl. 365-1.000.
Fuyama, Moriaki; Tamura, Katsumi; Morijiri, Makoto; Sawahata, Mamoru; and Hachino, Hiroaki, 4,543,573, Cl. 340-781.000.
Gemma, Kazutoshi; and Ishibashi, Michiyasu, 4,499,536, Cl. 364-200.000.
Genma, Hideaki, 4,547,850, Cl. 364-200.000.
Gotoh, Yoshitomo; and Iwamoto, Kiyofumi, 4,538,039, Cl. 200-144.00B.
Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi, 4,509,995, Cl. 148-143.000.
Hagiwara, Syuya; and Hori, Yasuro, 4,525,791, Cl. 364-508.000.
Hagiwara, Takaaki; Horiuchi, Masatada; Kondo, Ryuji; Yatsuda, Yuji; and Minami, Shinichi, 4,514,830, Cl. 365-200.000.
Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.
Hakoyama, Akiyoshi, 4,560,993, Cl. 346-76.0PH.
Hakuraku, Yoshinori; Ogata, Hisanao; Daikoku, Takahiro; and Suzuki, Noboru, 4,532,770, Cl. 62-3.000.
Hamada, Nobuhiro; Sugimoto, Norihiko; and Nawa, Masumi, 4,517,644, Cl. 364-200.000.
Hamada, Takuji; Takahashi, Masahiro; Mizokawa, Sadao; Fushimi, Hitoshi; and Yasumoto, Seiichi, 4,530,085, Cl. 370-15.000.
Hamada, Tatsuzo, 4,556,880, Cl. 340-814.000.
Hanma, Kentaro; Murakami, Toshio; and Todaka, Yoshihiro, 4,500,925, Cl. 358-227.000.
Hara, Yasuhiko; Akiyama, Nobuyuki; Fushimi, Satoru; Oshima, Yoshimasa; and Aoki, Nobuhiko, 4,508,453, Cl. 356-394.000.
Harada, Mineo; Simojyo, Tetuzi; and Furuya, Kaname, 4,548,522, Cl. 400-124.000.
Harada, Yutaka; Yamashita, Kunio; Kotera, Nobuo; and Tanaka, Hirotoshi, 4,518,868, Cl. 307-306.000.
Hasegawa, Taiji, 4,562,545, Cl. 364-431.120.
Hashimoto, Noriaki; Kubo, Kanji; and Izumi, Chikahiko, 4,561,071, Cl. 365-230.000.
Hashiura, Masayoshi; Okazaki, Akiyasu; and Suzuki, Sigeru, 4,527,043, Cl. 219-121.0LQ.
Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.
Hattori, Motonobu; Ishibashi, Akira; Ishida, Hiromi; and Nandoh, Kenji, 4,527,214, Cl. 361-96.000.
Hattori, Osamu; and Tamura, Shingo, 4,538,254, Cl. 369-43.000.
Hayase, Isao; Suginuma, Atsushi; and Kishi, Atsuo, 4,507,068, Cl. 418-150.000.
Hayase, Isao; Mizukami, Masao; and Kishi, Atsuo, 4,515,513, Cl. 418-101.000.
Hayase, Isao; Suginuma, Atsushi; Kishi, Atsuo; and Kawashima, Kenichi, 4,515,514, Cl. 418-150.000.
Hayashi, Masahiro; Shimizu, Makoto; Kobayashi, Kazuo; and Sekiya, Teruo, 4,522,051, Cl. 72-235.000.
Hayashi, Masakatsu; and Fujie, Kunio, 4,548,047, Cl. 62-160.000.
Hayashida, Hiroshi; Takahashi, Tadashi; and Miyashita, Kunio, 4,558,265, Cl. 318-561.000.
Hazaki, Eiichi, 4,502,852, Cl. 418-55.000.
Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, 4,551,082, Cl. 418-55.000.
Hazaki, Eiichi; Imai, Masaya; Tojo, Kenji; and Shiibayashi, Masao, 4,555,224, Cl. 418-55.000.
Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, 4,493,192, Cl. 62-141.000.
Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, 4,498,307, Cl. 62-148.000.
Hibino, Yozo; and Yamada, Sakae, 4,502,833, Cl. 415-17.000.
Hidaka, Toshiyuki; Sakamoto, Hisashi; Fukuhara, Toshiaki; Fujieda, Sadao; and Misawa, Yutaka, 4,540,603, Cl. 427-82.000.
Higuchi, Masao; Uno, Shuzo; Ishii, Yasuhisa; Makino, Kazuhiro; and Okasaka, Kenichi, 4,531,647, Cl. 212-147.000.
Hikita, Mitsutaka, 4,492,940, Cl. 333-194.000.
Hirano, Mikio; and Horiuchi, Susumu, 4,526,712, Cl. 252-632.000.
Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, 4,492,638, Cl. 210-728.000.
Hirayama, Takeshi; Amano, Matsuo; Sasayama, Takao; and Baba, Shirou, 4,561,056, Cl. 364-431.050.
Hirosawa, Toshio; Ohki, Masaru; Miyazaki, Katuto; Kobayashi, Nobuo; and Koizumi, Naoko, 4,550,386, Cl. 364-900.000.
Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,507,942, Cl. 68-20.000.
Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,551,996, Cl. 68-20.000.
Honbu, Mitsuyuki; Matsuda, Yasuo; Suzuki, Katsunori; and Kajita, Yoshiki, 4,549,258, Cl. 363-71.000.
Horiba, Tatsuo; Iwamoto, Kazuo; Kawana, Hidejiro; Fujita, Kazunori; and Tamura, Kohki, 4,493,878, Cl. 429-12.000.
Horiba, Tatsuo; Fujita, Kazunori; Matsuda, Shinpei; and Tamura, Kohki, 4,550,067, Cl. 429-213.000.
Horikoshi, Tatsuo; Yonezawa, Seiji; Tsuyoshi, Toshiaki; Tooyama, Hiroshi; and Otake, Masatoshi, 4,541,082, Cl. 369-44.000.
Horiuchi, Michimasa; and Sato, Hiroshi, 4,491,904, Cl. 364-130.000.
Horiuchi, Susumu; Hiraoka, Taiji; and Saito, Toru, 4,507,390, Cl. 436-161.000.
Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, 4,504,726, Cl. 219-121.0LH.
Hoshino, Takashi; and Arai, Takao, 4,497,055, Cl. 371-31.000.
Hoshino, Takashi; Arai, Takao; and Nishimura, Keizo, 4,539,605, Cl. 360-32.000.
Hotta, Masao; Maio, Kenji; and Nagaishi, Hiromi, 4,549,166, Cl. 340-347.0DA.
Ichikawa, Akira; Komatsu, Akio; and Asakawa, Yoshiaki, 4,528,688, Cl. 381-43.000.
Ichikawa, Akira; and Matsuzaka, Hiroko, 4,559,604, Cl. 364-513.500.
Ichiryu, Ken; Watanabe, Haruo; and Nogami, Tadahiko, 4,529,362, Cl. 417-271.000.
Ichiryu, Ken; Watanabe, Haruo; and Yamaguchi, Takashi, 4,544,129, Cl. 251-129.010.
Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, 4,532,464, Cl. 318-807.000.
Iino, Toshiki; Kaneko, Hiromi; Takagi, Michiyuki; and Komatsu, Kazuhiro, 4,493,610, Cl. 415-104.000.
Iino, Toshiki; and Kamata, Kunio, 4,538,960, Cl. 415-104.000.
Ikuzaki, Kunihiko, 4,549,284, Cl. 365-222.000.
Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.
Imada, Yosinobu; and Nakashima, Akio, 4,550,348, Cl. 358-342.000.
Imaide, Takuya; Masuda, Michio; Okuda, Akihide; and Nishimura, Ryuji, 4,556,911, Cl. 358-212.000.
Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,816, Cl. 313-366.000.
Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, 4,495,083, Cl. 252-299.100.
Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,507,221, Cl. 252-299.100.
Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,528,113, Cl. 252-299.100.
Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, 4,556,582, Cl. 427-38.000.
Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Ohta, Norio; and Sugita, Yutaka, 4,556,583, Cl. 427-38.000.
Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.
Inoue, Fumio; Jitsukata, Hiroshi; and Ando, Kunio, 4,507,585, Cl. 313-471.000.
Isa, Hitoshi; Kaneko, Ryoichi; and Kashiwahara, Katsuto, 4,550,569, Cl. 60-657.000.
Ishige, Ryohei, 4,549,841, Cl. 414-282.000.
Ishii, Toshio; and Sugiura, Noboru, 4,513,718, Cl. 123-425.000.
Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.
Iso, Yoshimi; Inoue, Shigeki; Noda, Tsutomu; and Ohashi, Shinichi, 4,539,665, Cl. 369-44.000.
Isobe, Asao; Makino, Daisuke; and Shiraishi, Hiroshi, 4,513,077, Cl. 430-270.000.
Ito, Tomoo; Kamifuji, Hiroshi; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,494,498, Cl. 123-179.00G.
Ito, Tosikazu; and Takahashi, Reijiro, 4,513,808, Cl. 165-43.000.
Ito, Tosikazu; Komathuzaki, Kiyomi; Chonan, Kenichi; and Horibe, Kiyoshi, 4,515,066, Cl. 91-454.000.
Itoh, Haruo; Tokiguchi, Katsumi; Warabisako, Terunori; Saitoh, Tadashi; and Tokuyama, Takashi, 4,533,831, Cl. 250-492.200.
Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.
Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.
Izumi, Eiichi; and Tamura, Hifumi, 4,510,387, Cl. 250-309.000.
Jimbo, Yoshiji; and Kotake, Kazuyoshi, 4,528,487, Cl. 318-338.000.
Kadowaki, Yoshihiko, 4,516,202, Cl. 364-200.000.
Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.
Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.
Kahara, Toshiki; Mori, Toshikatsu; Imahashi, Jinichi; Honji, Akio; and Tamura, Kohki, 4,555,452, Cl. 429-13.000.
Kainaga, Masahiro; Sakoda, Kousuke; and Nakanishi, Hiroaki, 4,491,912, Cl. 364-200.000.
Kajiwara, Toshiyuki; and Kojima, Tatsuji, 4,537,057, Cl. 72-243.000.
Kajiyama, Shigeru; Takaku, Kazuo; Naruse, Akisuke; and Akasu, Akira, 4,531,663, Cl. 228-29.000.
Kajiyama, Sigeru, 4,515,018, Cl. 73-637.000.
Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, 4,503,314, Cl. 219-121.0ED.
Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.

Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, 4,549,208, Cl. 358-108.000.
Kamifuji, Hiroshi; Ito, Tomoo; and Niida, Chiaki, 4,522,175, Cl. 123-339.000.
Kamifuji, Hiroshi; Ito, Tomoo; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,547,852, Cl. 364-431.040.
Kamimura, Hiroshi; and Ito, Tetsuo, 4,542,479, Cl. 364-900.000.
Kamohara, Hideaki; Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,518,514, Cl. 252-70.000.
Kan, Kazutoshi; and Oizumi, Junichi, 4,559,633, Cl. 375-1.000.
Kanamaru, Hisanobu; Tohkairin, Akira; and Kurosawa, Takuzo, 4,541,315, Cl. 82-40.00R.
Kanda, Hiroshi; and Ishikawa, Isao, 4,510,810, Cl. 73-606.000.
Kanda, Hiroshi; Ishikawa, Isao; and Kondo, Toshio, 4,511,998, Cl. 367-11.000.
Kanehori, Keiichi; Miyauchi, Katsuki; Ito, Yukio; Kirino, Fumiyoshi; and Kudo, Tetsuichi, 4,555,456, Cl. 429-131.000.
Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, 4,543,499, Cl. 307-477.000.
Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
Kaneko, Tomonori; Mori, Shunji; Ichikawa, Tetsuo; Hiroki, Yoichi; and Kariya, Takashi, 4,495,780, Cl. 62-229.000.
Kanoi, Minoru; Hori, Yasuro; and Kamata, Yuzuru, 4,514,714, Cl. 336-100.000.
Karasawa, Yoshiharu; and Takata, Yoshinori, 4,547,280, Cl. 204-403.000.
Karino, Kimiji; and Kosuge, Tokuo, 4,546,748, Cl. 123-494.000.
Kasagi, Kunisuke; and Kawashima, Machio, 4,514,664, Cl. 315-383.000.
Kashiwaya, Mineo; and Yamada, Kinsaku, 4,495,802, Cl. 73-118.000.
Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, 4,524,739, Cl. 123-339.000.
Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, 4,528,964, Cl. 123-492.000.
Kasuya, Katsuhiko; Mori, Hidetomo; Fujiwara, Mitsuru; and Matsunaga, Tetsuzo, 4,492,546, Cl. 418-201.000.
Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, 4,561,717, Cl. 350-6.800.
Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shinpei, 4,537,873, Cl. 502-242.000.
Kato, Takashi; Yoshikawa, Tomio; Sato, Keiji; and Yoshioka, Kazuo, 4,557,114, Cl. 62-126.000.
Kawagoe, Hiroto, 4,514,894, Cl. 29-571.000.
Kawahito, Tsuneyoshi; Abe, Katsuo; Kamei, Tsuneaki; Fujimoto, Kazuyuki; Mitani, Masao; and Hiratsuka, Shigetoshi, 4,517,444, Cl. 219-216.000.
Kawakami, Kanji; Narishige, Shinji; and Suenaga, Masahide, 4,503,394, Cl. 324-252.000.
Kawamoto, Hiroshi, 4,491,858, Cl. 357-41.000.
Kawamoto, Yasuo, 4,538,421, Cl. 62-157.000.
Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.
Kawashimo, Norishige; and Nakajima, Joe, 4,539,641, Cl. 364-424.000.
Kenbo, Yukio; Akiyama, Nobuyuki; Koizumi, Mitsuyoshi; and Kuni, Asahiro, 4,504,045, Cl. 269-21.000.
Kimura, Hiroyuki; Iso, Yoshimi; Inoue, Shigeki; Takeuchi, Takashi; and Ohashi, Shin-ichi, 4,532,561, Cl. 360-73.000.
Kimura, Takashi; Mochiji, Kozo; and Obayashi, Hidehito, 4,514,857, Cl. 378-034.000.
Kimura, Tomoaki; and Miyakozawa, Keiji, 4,491,005, Cl. 72-201.000.
Kimura, Tomoaki, 4,505,319, Cl. 164-432.000.
Kino, Jirou; and Uemura, Toshirou, 4,525,774, Cl. 363-17.000.
Kitabayashi, Yukio; Takahashi, Noriyoshi; Watanabe, Masatoshi; Okuyama, Toshiaki; and Tanaka, Yoji, 4,503,377, Cl. 318-807.000.
Kitabayashi, Yukio; Takahashi, Noriyoshi; Okuyama, Toshiaki; Watanabe, Masatoshi; and Ohura, Hitoshi, 4,562,397, Cl. 318-814.000.
Kitaguchi, Hiroshi; Kudo, Masashi; and Fujii, Masaaki, 4,532,103, Cl. 376-245.000.
Kitajima, Hiroyuki; and Ohmachi, Kazuhiko, 4,495,570, Cl. 364-200.000.
Kitajima, Hiroyuki; Ohmachi, Kazuhiko; Doki, Mitsuru; Kazama, Junichi; and Kanao, Hidekazu, 4,542,458, Cl. 364-200.000.
Kitamori, Takehiko; Fujii, Masaaki; and Sawada, Tsuguo, 4,557,137, Cl. 73-24.000.
Kitazima, Masaaki; and Kawakami, Hideaki, 4,532,506, Cl. 340-784.000.
Kitoo, Makoto; Honda, Yoshinori; and Kokaku, Yuuichi, 4,529,651, Cl. 428-336.000.
Kiyota, Hideharu; and Horiuchi, Mitsuaki, 4,547,279, Cl. 204-298.000.
Kobayashi, Hideaki, 4,559,463, Cl. 310-156.000.
Kobayashi, Hiroyuki, 4,531,057, Cl. 250-311.000.
Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, 4,534,010, Cl. 364-748.000.
Kobayashi, Nobuyoshi; Iwata, Seiichi; Yamamoto, Naoki; Matsuo, Hitoshi; and Homma, Teiichi, 4,505,028, Cl. 29-578.000.
Kobayashi, Yoshiki; and Fukushima, Tadashi, 4,550,437, Cl. 382-41.000.
Kobayashi, Yukio; Yamaguchi, Kinya; and Kira, Masaaki, 4,560,633, Cl. 429-213.000.
Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.
Kodama, Hideyo; Kondo, Yasuo; and Akahori, Kimihiko, 4,544,019, Cl. 164-496.000.
Kodama, Naoki; Takeuchi, Teruaki; Suzuki, Ryo; Takeshita, Masatoshi; and Sugita, Yutaka, 4,507,755, Cl. 365-36.000.
Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,525,808, Cl. 365-36.000.
Kodama, Naoki; Takeshita, Masatoshi; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,547,865, Cl. 365-12.000.
Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.
Kogawa, Takashi, 4,523,135, Cl. 318-565.000.
Kogawa, Takashi, 4,523,287, Cl. 364-513.000.
Kogawa, Takashi, 4,541,060, Cl. 364-513.000.
Kohno, Michinaga; Sugimoto, Koichi; and Nakagawa, Yasuo, 4,527,326, Cl. 29-705.000.
Koike, Norio; Tsukada, Toshihisa; Baji, Toru; and Sasano, Akira, 4,500,915, Cl. 358-44.000.
Koike, Norio; Takemoto, Iwao; Ohba, Shinya; Masuhara, Toshiaki; and Kubo, Masaharu, 4,514,766, Cl. 358-213.000.
Koike, Norio; Ohba, Shinya; and Masuhara, Toshiaki, 4,559,550, Cl. 357-24.000.
Koizumi, Hideaki, 4,504,145, Cl. 356-300.000.
Koizumi, Hideaki, 4,562,376, Cl. 313-34.000.
Kojima, Noboru; Watatani, Yoshizumi; Arai, Takao; Hoshino, Takashi; and Shibuya, Toshifumi, 4,491,880, Cl. 360-19.100.
Kokaku, Yuuichi; Kitoo, Makoto; and Honda, Yoshinori, 4,560,641, Cl. 430-312.000.
Kokuryo, Yoshiro, 4,535,295, Cl. 328-155.000.
Komatsu, Isamu; Anzai, Masayasu; Hoshi, Nobuyoshi; and Akimaru, Susumu, 4,545,325, Cl. 118-645.000.
Komeyama, Yoshihiro; and Taniguchi, Motoya, 4,516,254, Cl. 378-34.000.
Kominami, Yasuo; Ohkubo, Yuichi; Aizawa, Kohki; and Sasaki, Satoshi, 4,525,636, Cl. 307-264.000.
Komoda, Sei-ichi, 4,557,892, Cl. 376-412.000.
Koseki, Shoichiro, 4,527,227, Cl. 363-54.000.
Kosuge, Tokuo, 4,523,561, Cl. 123-339.000.
Kotera, Nobuo; Hatano, Yuji; Asano, Atsushi; and Kawabe, Ushio, 4,555,643, Cl. 307-476.000.
Koyama, Syuntaro; Tomuro, Jinichi; Miyamoto, Tomohiko; Noguchi, Yoshiki; and Hishinuma, Yukio, 4,531,949, Cl. 48-202.000.
Kozima, Yasuyuki; Sato, Kunio; Tadauchi, Masaharu; Suehiro, Hiroshi; and Inoue, Yasuo, 4,543,644, Cl. 364-900.000.
Kubo, Hirofumi; and Fujimori, Toshiyuki, 4,496,926, Cl. 336-205.000.
Kubo, Kanji; Momose, Tsugio; and Izumi, Chikahiko, 4,500,959, Cl. 364-200.000.
Kuboki, Shigeo; and Kato, Kazuo, 4,523,180, Cl. 340-347.0AD.
Kuboki, Shigeo; Kato, Kazuo; and Miyakawa, Nobuaki, 4,527,148, Cl. 340-347.0AD.
Kubota, Hitoshi; Tanaka, Minoru; and Aiuchi, Susumu, 4,536,419, Cl. 427-255.500.
Kudo, Hiroyuki; Watanabe, Atsumi; and Sasaki, Hiroshi, 4,562,507, Cl. 361-85.000.
Kuge, Toshio; Yokoyama, Hiroshi; Nogita, Shunsuke; Nakamura, Yoichi; and Muroi, Katsumi, 4,523,927, Cl. 44-1.00B.
Kumada, Akio, 4,496,247, Cl. 368-255.000.
Kumada, Masaharu; Tanabe, Hideo; Yuhara, Katsuo; Misumi, Akira; and Kawasaki, Hiroshi, 4,543,441, Cl. 136-249.000.
Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.
Kumazawa, Tetsuo; Doi, Hiroaki; Miyadera, Yasuo; Fujioka, Atsushi; and Nagai, Tadashi, 4,528,223, Cl. 428-36.000.
Kuni, Asahiro; Hamada, Toshimitsu; Makihira, Hiroshi; and Yoshimura, Kazushi, 4,556,797, Cl. 250-492.200.
Kunimasa, Koichi; Futamura, Setsuo; and Okada, Jun, 4,507,782, Cl. 371-32.000.
Kunimi, Nobuo; Shimizu, Koichi; and Suzuki, Toshiro, 4,538,114, Cl. 330-253.000.
Kurihara, Yasutoshi; Suzuki, Yoshihiro; Ooue, Michio; Hachino, Hiroaki; and Yanagi, Mitsuo, 4,556,899, Cl. 357-80.000.
Kuroda, Kunishige, 4,543,449, Cl. 174-126.00S.
Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
Kuroishi, Tadafumi; and Yasuda, Kazuo, 4,557,601, Cl. 356-320.000.
Kuroiwa, Hiroshi; Kirisawa, Tadashi; Yamauchi, Teruo; and Oyama, Yoshishige, 4,552,116, Cl. 123-489.000.
Kurosu, Masaaki; Nakayama, Takeshi; Nakajima, Akira; and Ohshima, Yoshimitsu, 4,543,631, Cl. 364-200.000.
Kusama, Takeo; and Kiyonaga, Hisasi, 4,529,979, Cl. 340-825.050.
Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.

Kushima, Tadao; Gooda, Masahiro; Soga, Tasao; and Yamamoto, Toshitaka, 4,503,597, Cl. 29-569.00R.
Kuwabara, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Sasaki, Kouji, 4,500,998, Cl. 372-61.000.
Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, 4,541,097, Cl. 372-87.000.
Kuwabara, Shigeyuki, 4,525,801, Cl. 364-900.000.
Machida, Tetsuo; Tsuhara, Susumu; Tabata, Kuniaki; and Okada, Yasuyuki, 4,511,962, Cl. 364-200.000.
Maeda, Kunihiro; and Miyoshi, Tadahiko, 4,544,642, Cl. 501-88.000.
Maeda, Kunihiro; Usami, Katsuhisa; Takeda, Yukio; Ogihara, Satoru; and Asai, Osamu, 4,561,891, Cl. 75-238.000.
Maeda, Takeshi; Mizoguchi, Yasumitsu; Takasago, Masahiro; Kaneda, Tokuya; and Tsunoda, Yoshito, 4,523,089, Cl. 250-205.000.
Maeda, Takeshi; Uno, Motoo; and Takasago, Masahiro, 4,541,083, Cl. 369-44.000.
Maeda, Takeshi; Takasago, Masahiro; and Tsunoda, Yoshito, 4,550,394, Cl. 369-46.000.
Maeda, Takeshi; Tsunoda, Yoshito; Huno, Takakazu; Takasago, Masahiro; and Mizoguchi, Yasumitsu, 4,554,652, Cl. 369-44.000.
Maejima, Hideo; Masuda, Ikuro; Matsumoto, Hidekazu; and Miyazawa, Shyoichi, 4,523,276, Cl. 364-200.000.
Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shun-ichiro; and Suzuki, Hiroshi, 4,511,705, Cl. 528-26.000.
Maruyama, Masanori; Fukushima, Masakazu; Kato, Shinichi; and Ogusu, Chihaya, 4,540,916, Cl. 315-16.000.
Masuda, Michio, 4,504,854, Cl. 358-44.000.
Masuhara, Hideki; Katada, Kunio; and Kudo, Uichi, 4,533,892, Cl. 336-147.000.
Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.
Matsuda, Toshiharu; Imamura, Minoru; and Saho, Norihide, 4,510,771, Cl. 62-514.00R.
Matsuda, Toshihiko; Takashi, Morihiko; and Yoshida, Mistuo, 4,507,693, Cl. 360-72.200.
Matsumura, Hiroyoshi; Katsuyama, Toshio; and Suganuma, Tsuneo, 4,505,729, Cl. 65-3.110.
Matsumura, Hisashi; Hashimoto, Toyokazu; Kida, Masahiko; and Wada, Hiroyuki, 4,558,428, Cl. 364-900.000.
Matsuno, Jyunichi; Kawauchi, Masataka; and Yoshida, Masashi, 4,562,443, Cl. 346-76.0PH.
Matsuoka, Shigeru, 4,496,942, Cl. 340-696.000.
Matsuoka, Shigeru; Yamauchi, Koji; Tadokoro, Hiroyuki; Yonekura, Seiji; and Suzuki, Mitsuo, 4,549,092, Cl. 307-116.000.
Matsushita, Nobuo; Furukawa, Tokinobu; Shintani, Tetsuo; Sumitani, Tomoaki; and Oda, Chikao, 4,515,008, Cl. 73-53.000.
Matsushita, Yasuo; Nakamura, Kousuke; and Ura, Mitsuru, 4,517,584, Cl. 357-80.000.
Matsushita, Yasuo; Nakamura, Kousuke; and Kosugi, Tetuo, 4,528,121, Cl. 252-516.000.
Matsushita, Yasuo; Nakamura, Kousuke; and Harada, Koji, 4,555,358, Cl. 252-516.000.
Matsuura, Hiromi, 4,551,820, Cl. 365-189.000.
Matsuura, Shigeo; Ito, Uji; and Yakushiji, Yasuhiro, 4,555,702, Cl. 340-825.640.
Matsuzaki, Isokazu; Yamagiwa, Akira; Watanabe, Yutaka; Matsumoto, Takashi; and Yabe, Katsumi, 4,516,039, Cl. 307-455.000.
Matsuzawa, Toshiharu; Douta, Kikuo; Iwayanagi, Takao; and Yanazawa, Hiroshi, 4,536,421, Cl. 427-282.000.
Miki, Atsushi; Mori, Etsunori; Hoshi, Minoru; and Higaki, Masaru, 4,554,523, Cl. 336-70.000.
Miki, Masayuki; Suzuki, Seikou; and Sasayama, Takao, 4,499,880, Cl. 123-489.000.
Mimura, Tomonori; Sagusa, Hisayuki; Satou, Takehide; and Takahashi, Katsuaki, 4,543,238, Cl. 422-63.000.
Mitamura, Sachio; and Kuroume, Hirotsugu, 4,537,538, Cl. 409-217.000.
Miura, Kuniaki; Shibata, Akira; Yamada, Jun; and Hazama, Katashi, 4,510,530, Cl. 358-314.000.
Miyanaka, Motoshi; Toudo, Kenzi; and Sagawa, Toshiaki, 4,527,125, Cl. 328-6.000.
Miyaoka, Shinichiro; Sekozawa, Teruji; Funabashi, Motohisa; and Hayashi, Shinobu, 4,562,552, Cl. 364-510.000.
Miyata, Kenji; Terasawa, Yoshio; Oikawa, Saburo; Murakami, Susumu; and Okamura, Masahiro, 4,514,747, Cl. 357-38.000.
Miyauchi, Katsuki; Kudo, Tetsuichi; Minato, Osamu; Masuhara, Toshiaki; and Uetani, Yoshio, 4,539,660, Cl. 365-229.000.
Miyazaki, Masaru; Takahashi, Susumu; Kohashi, Takahiro; and Ueyanagi, Kiichi, 4,561,169, Cl. 29-571.000.
Miyoshi, Nobutaka; Sugimoto, Shigeo; and Aizawa, Michihiko, 4,551,991, Cl. 62-476.000.
Mizokawa, Sadao; Hamada, Takuji; Tomizawa, Hiroshi; and Fushimi, Hitoshi, 4,510,494, Cl. 340-825.050.
Mizuno, Takao; Uchikawa, Naoshi; Murayama, Akira; and Tamura, Takahiro, 4,518,324, Cl. 417-366.000.
Mizutani, Tatsumi; Ohgata, Toshihide; and Komatsu, Hideo, 4,511,429, Cl. 156-643.000.
Mochizuki, Taketoshi; Kudo, Mituo; Senshu, Takao; and Kimura, Hideyuki, 4,528,823, Cl. 62-324.600.
Momono, Masakichi; Moriya, Hisanori; Souma, Masahiro; and Hamashima, Eiji, 4,520,962, Cl. 239-585.000.
Mori, Hidetomo; Matsushita, Osami; Matsubara, Katsumi; Ida, Michiaki; and Sasaki, Shigeru, 4,557,679, Cl. 418-201.000.
Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, 4,510,492, Cl. 340-825.050.
Mori, Takanobu, 4,529,669, Cl. 428-683.000.
Mori, Yasuhiko; Hattori, Shigeo; Masaoka, Isao; and Itow, Hisao, 4,512,820, Cl. 148-12.70N.
Morikawa, Yuichi; Saito, Kazuo; Amada, Eiichi; and Shirasu, Hirotoshi, 4,558,185, Cl. 179-170.0NC.
Morinaga, Shigeki; Miyashita, Kunio; and Sugiura, Yasuyuki, 4,511,827, Cl. 318-254.000.
Morishita, Hajime; Akagi, Motoo; Nonogaki, Saburo; Hayashi, Nobuaki; and Uchino, Shoichi, 4,510,226, Cl. 430-144.000.
Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, 4,520,094, Cl. 430-144.000.
Morita, Yasukazu; and Watanabe, Naomitsu, 4,513,024, Cl. 427-65.000.
Motojima, Kenji, 4,496,664, Cl. 502-402.000.
Mouri, Yasunori; Abe, Osamu; and Teragakiuchi, Akira, 4,532,593, Cl. 364-431.110.
Murakami, Hiroya; and Takasaki, Mitsuhiro, 4,543,071, Cl. 445-66.000.
Murakami, Toshio; and Hanma, Kentaro, 4,531,158, Cl. 358-227.000.
Muramatsu, Akira, 4,502,201, Cl. 29-571.000.
Murata, Toshinori; Ito, Yuji; and Kazumi, Masafumi, 4,559,560, Cl. 358-167.000.
Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.
Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, 4,560,330, Cl. 418-55.000.
Muroi, Katsumi; Yamamoto, Akio; Nakamura, Yoichi; Takahashi, Toshihiko; and Maruko, Morihisa, 4,559,060, Cl. 44-23.000.
Mutoh, Nobuyoshi; Sakai, Keijiro; Hattori, Motonobu; and Nagato, Yuichiro, 4,562,524, Cl. 363-41.000.
Nagae, Yoshiharu; Isogai, Masato; Kawakami, Hideaki; and Nakano, Fumio, 4,508,429, Cl. 350-350.00S.
Nagae, Yoshiharu; and Kawakami, Hideaki, 4,548,474, Cl. 350-333.000.
Nagafuji, Motonobu, 4,542,476, Cl. 364-749.000.
Nagai, Kenji; and Fujii, Fumiaki, 4,562,408, Cl. 330-253.000.
Nagai, Teruhisa; and Naito, Takemi, 4,494,288, Cl. 29-157.30A.
Nagano, Katsuyuki; Takahashi, Yasushi; Takasaki, Yoshitaka; and Tanaka, Mitsuo, 4,504,943, Cl. 370-79.000.
Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, 4,506,646, Cl. 123-501.000.
Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, 4,550,705, Cl. 123-488.000.
Nagano, Takahiro, 4,511,913, Cl. 357-38.000.
Nagasawa, Kouichi; Ikeda, Shuji; Suzuki, Norio; and Sakai, Yoshio, 4,549,340, Cl. 29-571.000.
Nagase, Hiroshi; and Okuyama, Toshiaki, 4,524,310, Cl. 318-808.000.
Nagase, Hyosuke; Sato, Tetsuya; Kobayashi, Kazuo; Masumoto, Norio; and Nagase, Yuji, 4,517,087, Cl. 210-396.000.
Nagashima, Shigeo; Torii, Shunichi; Omoda, Koichiro; and Inagami, Yasuhiro, 4,541,046, Cl. 364-200.000.
Nagatomo, Hiroto; Maejima, Hisashi; Suzuki, Jun; and Fujikawa, Keishin, 4,544,318, Cl. 414-222.000.
Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,505,766, Cl. 148-175.000.
Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,536,784, Cl. 357-48.000.
Nakagawa, Yasuo; Oshida, Yoshitada; and Ishige, Kanji, 4,553,844, Cl. 356-376.000.
Nakahata, Kozo; Kawaguchi, Ikuo; and Yamaguchi, Kazuo, 4,528,634, Cl. 364-491.000.
Nakajima, Hirohito; Haji, Katsumi; Shibata, Yoji; and Kosuge, Wataru, 4,538,176, Cl. 358-86.000.
Nakajima, Tadakatsu; Nakayama, Wataru; and Daikoku, Takahiro, 4,520,866, Cl. 165-115.000.
Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
Nakamura, Keiichi; Asao, Hiroshi; Okada, Kenichi; Wakabayashi, Yoichi; and Ochiai, Izumi, 4,506,423, Cl. 29-157.00R.
Nakamura, Kenichi, 4,538,349, Cl. 29-736.000.
Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, 4,525,826, Cl. 369-46.000.
Nakamura, Yoichi; Yamamoto, Akio; Nogita, Shunsuke; Kuge, Toshio; and Muroi, Katsumi, 4,511,363, Cl. 44-1.00G.
Nakane, Keiichi; Kamiuchi, Toshiro; and Nakanishi, Hiroaki, 4,494,188, Cl. 364-200.000.
Nakashima, Fujio; Enoki, Takashi; and Nakashima, Kazuto, 4,496,947, Cl. 340-825.240.
Nakashima, Hisao; Umeda, Jun-ichi; Kuroda, Takao; Kajimura, Takashi; and Matsuda, Hiroshi, 4,503,540, Cl. 372-47.000.
Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, 4,516,221, Cl. 364-900.000.

Nakata, Yukio; and Shiotsu, Osamu, 4,547,751, Cl. 332-16.00R.

Nakayama, Tadakazu; Tsuruoka, Ryozo; and Matsumoto, Masaki, 4,495,142, Cl. 376-251.000.

Nakayama, Takeshi; Kurosu, Masaaki; Ohshima, Yoshimitsu; Fujikata, Kenji; Uchida, Shigeru; and Nakajima, Akira, 4,531,119, Cl. 340-712.000.

Nakayashiki, Susumu; Nakada, Isao; Kida, Masahiko; Hashimoto, Toyokazu; and Yagyu, Kazuo, 4,495,595, Cl. 364-900.000.

Nakayashiki, Susumu; Kida, Masahiko; and Hashimoto, Toyokazu, 4,506,357, Cl. 370-16.000.

Nakazato, Norio; Yoshimatsu, Sachihiro; Nawata, Makoto; and Masuda, Sadao, 4,530,708, Cl. 62-13.000.

Nakazawa, Terumi; Minorikawa, Hitoshi; and Kawakami, Kazuhiko, 4,546,412, Cl. 361-395.000.

Nate, Kazuo; Inoue, Takashi; and Yokono, Hitoshi, 4,504,646, Cl. 528-16.000.

Nate, Kazuo; Inoue, Takashi; Yokono, Hitoshi; Ishikawa, Mitsuo; and Kumada, Makoto, 4,544,729, Cl. 528-28.000.

Nihei, Mitsuo; and Nishi, Hidetoshi, 4,499,748, Cl. 72-238.000.

Nii, Katsutoshi; Okano, Kinpei; and Tomioka, Shunzo, 4,529,209, Cl. 277-3.000.

Niinomi, Tatsuya; and Matsumo, Yoshio, 4,541,770, Cl. 414-730.000.

Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, 4,516,065, Cl. 318-811.000.

Ninomiya, Ken; Suzuki, Keizo; and Nishimatsu, Shigeru, 4,522,674, Cl. 156-345.000.

Ninomiya, Ken; Nishimatsu, Shigeru; Suzuki, Keizo; Okudaira, Sadayuki; and Ogawa, Yoshifumi, 4,559,100, Cl. 156-345.000.

Nishida, Hiroshi; and Haruna, Toshiyuki, 4,542,429, Cl. 360-103.000.

Nishida, Masami; Nishimura, Keizo; Arai, Takao; and Amada, Nobutaka, 4,541,091, Cl. 371-39.000.

Nishiguchi, Akira; Usui, Sanpei; Oouchi, Tomihisa; and Iwai, Kazumi, 4,499,859, Cl. 122-18.000.

Nishiguchi, Takashi; and Tamura, Shingo, 4,504,940, Cl. 369-126.000.

Nishihata, Kouji; Nakazima, Ichiro; and Hirata, Mituo, 4,527,698, Cl. 212-187.000.

Nishijima, Hideo; Sera, Katsumi; Fukushima, Isao; and Kobori, Yasunori, 4,494,056, Cl. 318-269.000.

Nishijima, Hideo; Fukushima, Isao; Teshima, Tsunehiko; Kobori, Yasunori; and Ito, Takayasu, 4,503,369, Cl. 318-254.000.

Nishikawa, Mitsuyo; and Kurihara, Nobuo, 4,555,800, Cl. 382-25.000.

Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.

Nishimura, Yutaka; Kuroiwa, Hiroshi; Oyama, Yoshishige; and Teranishi, Takao, 4,558,678, Cl. 123-494.000.

Nishizawa, Shigeki; Nagahara, Shusaku; and Ozawa, Naoki, 4,516,154, Cl. 358-44.000.

Niyama, Eisuke; and Aizawa, Tatsushi, 4,561,488, Cl. 164-463.000.

Noda, Masaki; Shinkawa, Keiro; and Sodeyama, Chuichi, 4,491,809, Cl. 333-35.000.

Noda, Tamotsu; Tamura, Hifumi; and Okano, Hiroshi, 4,551,650, Cl. 313-362.100.

Nogami, Taro, 4,531,834, Cl. 356-73.000.

Nogami, Taro; and Tsukada, Masamichi, 4,553,840, Cl. 356-333.000.

Noguchi, Kouki; Tsunehiro, Takashi; and Nakamura, Hideo, 4,494,195, Cl. 364-200.000.

Nomura, Setsuo; Tonomura, Akira; Hamamoto, Nobuo; and Fukuhara, Akira, 4,532,422, Cl. 250-306.000.

Nonogaki, Saburo; Hayashi, Nobuaki; and Tomita, Yoshifumi, 4,537,851, Cl. 430-144.000.

Noto, Yasuo; Naito, Shotaro; and Ohmae, Tsutomu, 4,500,820, Cl. 318-139.000.

Nozawa, Masafumi; and Miyazaki, Michio, 4,525,839, Cl. 371-38.000.

Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, 4,522,040, Cl. 62-419.000.

Odaka, Yoshiyuki; Nakazato, Kouichi; and Tomita, Yoshifumi, 4,542,038, Cl. 427-68.000.

Ogasawara, Tsuyoshi; Ichiryu, Ken; Nakamura, Ichiro; and Kido, Yasuo, 4,534,452, Cl. 187-29.00A.

Ogata, Hisanao; Nemoto, Takeo; Hakuraku, Yoshinori; and Yagi, Yasuomi, 4,502,296, Cl. 62-514.00R.

Ogihara, Satoru; Takeda, Yukio; Maeda, Kunihiro; Nakamura, Kousuke; and Ura, Mitsuru, 4,561,010, Cl. 357-74.000.

Oguino, Masanori, 4,531,812, Cl. 350-128.000.

Oguino, Masanori, 4,536,056, Cl. 350-128.000.

Oho, Shigeru; Hamano, Fumio; and Hirayama, Takeshi, 4,554,461, Cl. 307-40.000.

Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, 4,556,800, Cl. 250-578.000.

Ohta, Norio; Ando, Keikichi; Hosoe, Yuzuru; Sugita, Yutaka; and Ishida, Fumihiko, 4,532,180, Cl. 428-336.000.

Okabe, Akira; Urushidani, Haruo; and Kashiwahara, Katsuto, 4,519,207, Cl. 60-39.182.

Okabe, Nobuya; and Nakagiri, Fumiki, 4,561,824, Cl. 414-697.000.

Okada, Kunihiro; Endo, Hirohide; Saito, Susumu; and Kataoka, Kenji, 4,514,079, Cl. 355-8.000.

Okada, Sadayuki; Sonobe, Hisao; and Mino, Tomoaki, 4,502,286, Cl. 62-119.000.

Okado, Terumi; and Sugiura, Noboru, 4,558,674, Cl. 123-425.000.

Okajima, Atsushi; Nitta, Yoshihiko; and Yamano, Fumiyuki, 4,502,128, Cl. 364-900.000.

Okamoto, Yoshio; Iwai, Kazumi; Inoue, Hiroshi; Kunugi, Yoshifumi; and Shinozaki, Tadashi, 4,546,795, Cl. 137-624.150.

Okano, Yoshio; and Okuma, Yasuo, 4,511,970, Cl. 364-401.000.

Okano, Yoshio; Okuma, Yasuo; Aizawa, Kuniomi; Oyama, Yasuyoshi; and Kitamura, Yoichiro, 4,525,712, Cl. 340-825.310.

Okayama, Tsutomu, 4,507,600, Cl. 323-281.000.

Okouchi, Isao; Takahashi, Sankichi; Izumi, Kenkichi; Miyai, Masahiko; and Otake, Katsumoto, 4,543,188, Cl. 210-304.000.

Oku, Masuo; Yamashita, Masami; Miura, Yoshio; and Suzuki, Motoyuki, 4,541,084, Cl. 369-45.000.

Okunaka, Masaaki; Mizukoshi, Katsuro; Hongo, Mikio; and Miyauchi, Tateoki, 4,510,222, Cl. 430-5.000.

Okuyama, Toshiaki, 4,503,375, Cl. 318-802.000.

Okuyama, Toshiaki, 4,503,376, Cl. 318-802.000.

Omoda, Koichiro; Inagami, Yasuhiro; Torii, Shunichi; and Nagashima, Shigeo, 4,525,796, Cl. 364-730.000.

Onda, Kenichi; Abe, Kojin; Yabuno, Kohei; and Uemura, Takeshi, 4,499,530, Cl. 363-17.000.

Onuki, Jin; Soeno, Ko; Morita, Keiichi; and Onodera, Hisakithi, 4,500,904, Cl. 357-67.000.

Onuma, Tsutomu; and Hataya, Fumio, 4,499,158, Cl. 428-682.000.

Oosuga, Minoru; and Ohyama, Yoshishige, 4,494,405, Cl. 73-118.000.

Oouchi, Tomihisa; Usui, Sampei; Fukuda, Tamio; and Nishiguchi, Akira, 4,520,634, Cl. 62-476.000.

Orikasa, Tetsuo, 4,549,583, Cl. 140-92.100.

Osada, Hisajiro; Hiratsuka, Yutaka; and Watanabe, Masahiro, 4,541,718, Cl. 356-316.000.

Osawa, Michitaka, 4,528,520, Cl. 330-300.000.

Osawa, Michitaka; Funada, Etuo; Miyajima, Hiroyuki; Maekawa, Hitoshi; and Ando, Kunio, 4,544,896, Cl. 330-284.000.

Osawa, Tadao; Nakagawa, Toru; Okumura, Masamitsu; Kohno, Takashige; and Sakuma, Tokihiko, 4,532,904, Cl. 123-439.000.

Osuga, Minoru; and Oyama, Yoshishige, 4,534,330, Cl. 123-440.000.

Otsuka, Kanji; Mitsusada, Kazumichi; Sekibata, Masao; and Ohnishi, Shinji, 4,541,003, Cl. 357-74.000.

Ouchi, Yoshiaki; Ishihara, Masamichi; Matsumoto, Tetsuro; and Miyazawa, Kazuyuki, 4,562,555, Cl. 365-233.000.

Ouhata, Koukichi; and Sugawara, Hiroyuki, 4,503,357, Cl. 315-1.000.

Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.

Oyama, Yoshishige; Fujieda, Mamoru; and Yamauchi, Teruo, 4,561,403, Cl. 123-489.000.

Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.

Ozawa, Jun; Shindo, Katuji; and Shirakawa, Shingo, 4,502,089, Cl. 361-127.000.

Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, 4,543,610, Cl. 358-213.000.

Ozawa, Toru; and Kinoshita, Hiroshi, 4,557,058, Cl. 34-82.000.

Saito, Makoto; Sakamoto, Masakatsu; Uchida, Kenji; and Kamino, Yukishige, 4,536,131, Cl. 417-102.000.

Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, 4,551,777, Cl. 360-77.000.

Saitoh, Takeshi; Matsuura, Shigeo; Moteki, Minoru; and Hatashita, Hiroshi, 4,491,976, Cl. 455-315.000.

Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.

Sakakihara, Masahiko; Hasegawa, Kenzi; and Iwama, Akira, 4,540,638, Cl. 428-693.000.

Sakata, Tomoaki, 4,561,825, Cl. 414-753.000.

Sakitani, Yoshio; and Minamikawa, Yoshihisa, 4,520,421, Cl. 361-234.000.

Sakka, Kenji, 4,535,593, Cl. 60-646.000.

Sako, Kazuaki; and Mori, Kenjiro, 4,539,563, Cl. 340-735.000.

Sakou, Hiroshi; and Kashioka, Seiji, 4,491,962, Cl. 382-50.000.

Sakudo, Noriyuki; Abe, Katsunobu; Tokiguchi, Katsumi; Koike, Hidemi; and Okada, Osami, 4,543,465, Cl. 219-121.0PD.

Sanada, Sakae; and Ohzawa, Yoshiyuki, 4,497,677, Cl. 156-89.000.

Sano, Yukinori; Hoshi, Yoshikazu; and Takahashi, Ikuo, 4,552,114, Cl. 123-481.000.

Sarugaku, Shinichi; Tsuchihashi, Akira; and Tsuji, Masao, 4,556,777, Cl. 219-124.340.

Sasaki, Akira; Mashiko, Kazuyuki; Saitoh, Shouji; and Hakoyama, Akiyoshi, 4,528,572, Cl. 346-76.0PH.

Sasaki, Ken; Matsuyama, Shigeru; Koyama, Masaharu; and Ichihara, Kazuyoshi, 4,494,825, Cl. 350-343.000.

Sasamoto, Asao, 4,510,541, Cl. 360-97.000.

Sasayama, Takao; and Amano, Matsuo, 4,497,302, Cl. 123-489.000.

Satake, Mitsuo; and Toyota, Shigekata, 4,561,084, Cl. 369-75.200.

Satake, Shozo, 4,511,312, Cl. 307-465.000.

Sato, Kanemasa; and Ueno, Sadayasu, 4,513,615, Cl. 73-204.000.

Sato, Kanemasa; Ueno, Sadayasu; Oyama, Yoshishige; and Nishimura, Yutaka, 4,527,423, Cl. 73-118.000.

Sato, Kanemasa; and Ueno, Sadayasu, 4,559,814, Cl. 73-118.000.

Sato, Katsutoshi; Itoh, Susumu; and Aoshima, Masaru, 4,530,428, Cl. 193-40.000.
Sato, Kazuhiro; Izumita, Morishi; Takahashi, Kenji; Akiyama, Toshiyuki; and Nishizawa, Shigeki, 4,498,106, Cl. 358-213.000.
Sato, Kazuhiro; Kumagai, Takashi; Ishizuka, Takuo; and Ishizuka, Tadatsugu, 4,527,253, Cl. 364-900.000.
Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, 4,542,712, Cl. 118-726.000.
Sato, Masaaki; Kaneda, Aizo; and Watanabe, Makio, 4,524,369, Cl. 346-135.100.
Sato, Takeshi; Tsuji, Syogo; Shigeta, Kengo; and Uenishi, Akira, 4,497,577, Cl. 356-336.000.
Sato, Tetsuo; and Kominami, Yasuo, 4,500,932, Cl. 360-65.000.
Sato, Tetsuo; Kominami, Yasuo; Takizawa, Yoshiyuki; and Haeno, Akira, 4,510,458, Cl. 330-260.000.
Sato, Toshihiro; Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; and Sugita, Yutaka, 4,559,617, Cl. 365-36.000.
Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, 4,528,918, Cl. 110-347.000.
Sawada, Hideo; and Yata, Kiyoshi, 4,521,872, Cl. 365-49.000.
Sawada, Hideo, 4,546,447, Cl. 364-767.000.
Seki, Kunio; and Takeshita, Ritsuji, 4,503,478, Cl. 361-79.000.
Seki, Kunio; and Takeshita, Ritsuji, 4,543,539, Cl. 330-297.000.
Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.
Shibata, Akira; Hirose, Koichi; and Yamamoto, Akihiro, 4,519,005, Cl. 360-65.000.
Shibata, Akira; Komatsu, Keiichi; Kuroyanagi, Tomomitsu; and Kojima, Noboru, 4,524,380, Cl. 358-316.000.
Shibata, Akira; Wada, Isao; and Yoshioka, Atsushi, 4,533,961, Cl. 358-315.000.
Shibata, Akira; Kojima, Noboru; and Kuroyanagi, Tomomitsu, 4,554,596, Cl. 358-330.000.
Shibata, Akira; and Komatsu, Keiichi, 4,556,917, Cl. 358-343.000.
Shibata, Akira; and Ohashi, Shinichi, 4,558,378, Cl. 360-19.100.
Shibata, Atsushi; and Ueno, Yukichi, 4,494,005, Cl. 250-492.200.
Shibayama, Akinori; Fujinami, Minpai; and Yoda, Haruo, 4,532,598, Cl. 364-491.000.
Shibukawa, Suetaro; and Katada, Hiroshi, 4,503,823, Cl. 123-418.000.
Shibuya, Yoshimichi; Takahashi, Masami; and Ishibashi, Tadashi, 4,540,242, Cl. 350-335.000.
Shii, Kazuo; Kobayashi, Hiroyuki; Kubozoe, Morioki; and Isakozawa, Shigeto, 4,494,000, Cl. 250-311.000.
Shiibayashi, Masao, 4,494,914, Cl. 418-55.000.
Shiina, Koji; Sakaguchi, Seiichiro; and Akatsu, Yasuaki, 4,546,608, Cl. 60-649.000.
Shima, Yoshihiro; Kashioka, Seiji; Uno, Takeshi; and Suzuki, Kunio, 4,494,139, Cl. 358-101.000.
Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; and Nishihara, Motohisa, 4,495,820, Cl. 73-724.000.
Shimada, Satoshi; Murayama, Ken; Kobori, Shigeyuki; and Kawakami, Kanji, 4,511,878, Cl. 338-4.000.
Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; Kobori, Shigeyuki; and Nishihara, Motohisa, 4,527,428, Cl. 73-721.000.
Shimada, Shigeru; Kakumoto, Shigeru; and Abe, Osamu, 4,550,434, Cl. 382-9.000.
Shimizu, Isao, 4,500,900, Cl. 357-36.000.
Shimizu, Toshio; Satou, Takanori; Tsukui, Tsutomu; Doi, Ryouta; and Yamaguchi, Motoo, 4,562,123, Cl. 429-27.000.
Shimode, Shinichi; and Sato, Shigenori, 4,559,255, Cl. 428-138.000.
Shimohigashi, Katsuhiro; Masuda, Hiroo; Ikuzaki, Kunihiko; and Kawamoto, Hiroshi, 4,539,658, Cl. 365-207.000.
Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, 4,554,478, Cl. 313-366.000.
Shimura, Tastuo, 4,520,382, Cl. 357-53.000.
Shimura, Yoshimasa; Kakiuchi, Hideyuki; Minamikawa, Yoshihisa; and Kawasaki, Katsuhiro, 4,524,277, Cl. 250-397.000.
Shinkai, Kouki; Hagiwara, Naoki; and Nakano, Masaki, 4,540,915, Cl. 313-486.000.
Shintani, Yoichi; Wada, Kenichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,532,589, Cl. 364-200.000.
Shirai, Yuji; Otsuka, Kanji; Usami, Tamotsu; and Yamasaki, Yasuyuki, 4,527,730, Cl. 228-179.000.
Shiraki, Yasuhiro; Murayama, Yoshimasa; Katayama, Yoshifumi; and Maruyama, Eiichi, 4,559,547, Cl. 357-23.200.
Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,537,843, Cl. 429-197.000.
Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,544,615, Cl. 429-194.000.
Shizuka, Masayuki; Ogasawara, Nobuhiko; Kanamaru, Hisanobu; and Tsuruoka, Kazuhiro, 4,506,180, Cl. 310-91.000.
Shoji, Fusaji; Takemoto, Issei; Kataoka, Fumio; Yokono, Hitoshi; and Isogai, Tokio, 4,513,132, Cl. 528-21.000.
Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
Soga, Tasao; Suzuki, Takaya; Okamura, Masahiro; Gooda, Masahiro; and Kobayashi, Fumiyuki, 4,491,562, Cl. 420-589.000.
Sokei, Hiroichi, 4,562,459, Cl. 358-27.000.
Sone, Masazumi; Imai, Iwao; and Nagae, Hiromitsu, 4,516,319, Cl. 29-877.000.
Suenaga, Masahide; Chida, Kousaku; and Ohura, Masaki, 4,556,925, Cl. 360-113.000.
Sugahara, Kenshi; Yasuda, Kazuo; and Mori, Junji, 4,519,891, Cl. 204-418.000.
Sugawara, Yoshitaka, 4,553,125, Cl. 338-283.000.
Sugie, Mamoru; Toyooka, Takashi; and Aoki, Hirokazu, 4,530,070, Cl. 365-15.000.
Sugihara, Isao; Sagawa, Wataru; Ikegami, Tsukasa; and Shimizu, Tasuku, 4,505,763, Cl. 148-127.000.
Sugimoto, Koichi, 4,550,383, Cl. 364-513.000.
Sugimoto, Noboru; Matsumoto, Yoshio; Takahashi, Michio; Kohno, Michinaga; and Sakaue, Shiyuki, 4,507,046, Cl. 414-735.000.
Sugimoto, Norihiko; Hamada, Nobuhiro; Masuda, Ikuro; and Sakurai, Jinichi, 4,500,951, Cl. 364-186.000.
Sugita, Yutaka; Suzuki, Ryo; Kodama, Naoki; Takeshita, Masatoshi; and Ikeda, Tadashi, 4,528,645, Cl. 365-36.000.
Sugiura, Noboru; and Okado, Terumi, 4,495,918, Cl. 123-425.000.
Sugiura, Noboru, 4,528,955, Cl. 123-425.000.
Sugiyama, Sakae, 4,543,817, Cl. 73-40.50A.
Sugiyama, Toshio; Suenaga, Hideo; and Fukui, Yukio, 4,525,823, Cl. 369-44.000.
Sugiyama, Toshio; and Suenaga, Hideo, 4,532,619, Cl. 369-106.000.
Sugiyama, Toshio; and Yamane, Yoshio, 4,547,871, Cl. 369-44.000.
Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, 4,502,290, Cl. 62-229.000.
Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.
Suzuki, Akira, 4,529,363, Cl. 417-295.000.
Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000
Suzuki, Kensuke, 4,551,744, Cl. 357-64.000.
Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; Kodama, Naoki; and Sugita, Yutaka, 4,494,216, Cl. 365-36.000.
Suzuki, Ryo; Hiroshima, Minoru; Takeshita, Masatoshi; and Sugita, Yutaka, 4,502,129, Cl. 365-8.000.
Suzuki, Ryo; Takeuchi, Teruaki; Kodama, Naoki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,546,452, Cl. 365-36.000.
Tabuchi, Kenji; Shida, Masami; and Ishii, Toshio, 4,498,444, Cl. 123-478.000.
Tabuchi, Toyoji; and Hikita, Mitsutaka, 4,507,581, Cl. 310-313.00B.
Tachibana, Kouji, 4,528,623, Cl. 364-191.000.
Taguchi, Sadanori; Aida, Toshiyuki; Yamamoto, Shigehiko; and Honda, Yukio, 4,518,890, Cl. 313-346.00R.
Tajima, Fujio; and Hirai, Hiromu, 4,525,654, Cl. 318-7.000.
Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, 4,562,424, Cl. 340-347.0NT.
Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, 4,526,835, Cl. 428-413.000.
Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, 4,546,168, Cl. 528-107.000.
Takahashi, Hideo; and Nakatani, Mitsuo, 4,517,490, Cl. 313-502.000.
Takahashi, Ikuo, 4,492,200, Cl. 123-450.000.
Takahashi, Isao, 4,550,356, Cl. 361-9.000.
Takahashi, Kazue; Okuna, Kenzi; Nakajima, Isao; Harada, Mineo; and Kako, Yutaka, 4,511,269, Cl. 400-124.000.
Takahashi, Kenji; Nagahara, Shusaku; Ozawa, Naoki; Kudo, Koji; and Hirano, Chikafusa, 4,527,200, Cl. 358-213.000.
Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, 4,549,117, Cl. 315-371.000.
Takahasi, Kenichiro, 4,537,510, Cl. 356-435.000.
Takaku, Kazuo; Naruse, Akisuke; Fujimoto, Hirotsugu; and Kimura, Hiroshi, 4,518,560, Cl. 376-245.000.
Takano, Kazukiyo; and Koga, Keigi, 4,493,037, Cl. 364-405.000.
Takano, Yoshiya, 4,508,081, Cl. 123-450.000.
Takasago, Masahiro; Maeda, Takeshi; Uno, Motoo; and Mizoguchi, Yasumitsu, 4,542,491, Cl. 369-45.000.
Takasugi, Wasao, 4,507,767, Cl. 369-54.000.
Takatori, Hiroshi; and Suzuki, Toshiro, 4,500,999, Cl. 375-16.000.
Takayama, Shigehiko; Maruyama, Masanori; and Fukushima, Masakazu, 4,560,899, Cl. 313-449.000.
Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, 4,544,338, Cl. 418-63.000.
Takeda, Kenji; and Arai, Yoshinao, 4,503,507, Cl. 364-513.000.
Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.
Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.
Takenouchi, Hiroo; Ishida, Hideaki; and Hiyama, Kunio, 4,506,111, Cl. 179-2.00A.
Takeshita, Masatoshi; Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,510,231, Cl. 430-312.000.
Takeuchi, Masato; Tobita, Hiroshi; Okabe, Sigeru; Okada, Hideo; and Tonami, Munehiko, 4,542,079, Cl. 429-39.000.
Tamura, Hifumi; Okano, Hiroshi; Ishitani, Tohru; and Shimase, Akira, 4,560,907, Cl. 315-111.010.
Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, 4,498,951, Cl. 156-612.000.

Tamura, Takahiro; Kuno, Hiroaki; Uchikawa, Naoshi; Murayama, Akira; and Mizuno, Takao, 4,545,747, Cl. 418-55.000.

Tanaka, Hideyo; and Harada, Mineo, 4,543,001, Cl. 400-212.000.

Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, 4,562,549, Cl. 364-486.000.

Tanaka, Isamu; Kikuchi, Hiroshi; Tomizawa, Akira; and Oka, Hitoshi, 4,555,532, Cl. 523-400.000.

Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, 4,503,907, Cl. 165-133.000.

Tanaka, Toshio; Miyanaka, Motoshi; and Kochiyama, Shigekichi, 4,494,924, Cl. 431-78.000.

Tanaka, Yoshito; Ichiryu, Ken; and Iwata, Naohiko, 4,500,865, Cl. 338-13.000.

Tanaka, Yoshito; and Ichiryu, Ken, 4,529,974, Cl. 340-605.000.

Tanigawa, Takatoshi; Yaegashi, Sakari; Nakazawa, Tetsuo; Hatazi, Masahiko; and Nango, Tadao, 4,506,041, Cl. 523-139.000.

Taniguchi, Motoya; Ikeda, Minoru; and Komeyama, Yoshihiro, 4,492,356, Cl. 248-346.000.

Tanikawa, Minoru; Imaizumi, Yutaka; Suzuki, Masami; Aiba, Kazumi; Sato, Minoru; and Takahashi, Mineo, 4,550,480, Cl. 29-156.40R.

Tanimura, Nobuyoshi; Yamamoto, Sho; Yoshizaki, Kazuo; and Akima, Isao, 4,509,147, Cl. 365-190.000.

Tanimura, Nobuyoshi; and Yasui, Tokumasa, 4,554,729, Cl. 29-577.00C.

Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.

Tatsuno, Kimio; and Saito, Susumu, 4,525,024, Cl. 350-6.500.

Terada, Toshimichi; Komatsu, Keiichi; Shibata, Akira; and Satoh, Kenji, 4,497,000, Cl. 360-70.000.

Terada, Toshimichi; Kuroyanagi, Tomomitsu; Kozima, Noboru; and Shibata, Akira, 4,550,345, Cl. 358-323.000.

Tobise, Masahiro, 4,562,390, Cl. 318-490.000.

Tobita, Tomoyuki; Yamamoto, Yoshimi; Nagasu, Akira; and Takahashi, Yukio, 4,546,653, Cl. 73-720.000.

Tochigi, Kenji; Hanyu, Yoshiaki; and Hiratsuka, Yutaka, 4,505,586, Cl. 356-301.000.

Todokoro, Hideo; and Fukuhara, Satoru, 4,554,455, Cl. 250-305.000.

Tokuyama, Keiichi; Naito, Shotaro; and Watanabe, Shizuhisa, 4,553,196, Cl. 363-21.000.

Tomioka, Shunzo; Nakano, Masaaki; Okano, Kinpei; Shimizu, Kousaku; and Yoda, Hiroaki, 4,545,741, Cl. 417-365.000.

Tomite, Tosio, 4,491,756, Cl. 310-154.000.

Tomite, Tosio, 4,510,407, Cl. 310-154.000.

Tomozaki, Ryozo; Uchita, Takeshi; Ide, Hideo; and Suzuki, Misao, 4,502,532, Cl. 165-79.000.

Tosaki, Hiromi; Tanei, Hirayoshi; Ikegami, Akira; and Sugishita, Nobuyuki, 4,547,625, Cl. 174-68.500.

Toudo, Kenzi; and Miyanaka, Motoshi, 4,522,337, Cl. 236-46.00F.

Toyama, Tatsuro; and Fujiwara, Masayuki, 4,558,399, Cl. 361-433.000.

Toyooka, Takashi; Aoki, Hirokazu; and Sugie, Mamoru, 4,519,049, Cl. 365-12.000.

Toyooka, Takashi; Hirokazu, Aoki; Sugie, Mamoru; and Sugita, Yutaka, 4,538,242, Cl. 365-8.000.

Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.

Tsuboi, Nobuyoshi; Shima, Seiya; Kanasaki, Morio; and Nakazawa, Hayashi, 4,499,986, Cl. 198-322.000.

Tsubouchi, Kuniyoshi, 4,498,301, Cl. 60-657.000.

Tsuchihashi, Akira; and Teramoto, Kazuyoshi, 4,517,653, Cl. 364-513.000.

Tsuchimoto, Hiroshi; Suzuki, Yasuro; and Owada, Takeyoshi, 4,547,689, Cl. 310-71.000.

Tsuchita, Kenji; Domon, Kozo; and Takahashi, Fuminobu, 4,531,413, Cl. 73-637.000.

Tsuchiya, Masatoshi; Soeno, Ko; and Yoshida, Tomomasa, 4,499,774, Cl. 73-727.000.

Tsukui, Tsutomu; Shimizu, Toshio; Doi, Ryota; and Tsutsumi, Yasuyuki, 4,537,840, Cl. 429-33.000.

Tsunoda, Yoshito; Maeda, Takeshi; Nakamura, Shigeru; and Kaku, Toshimitsu, 4,532,522, Cl. 346-44.000.

Tsunoda, Yoshito; Miyauchi, Toshimitsu; and Shigematsu, Kazuo, 4,556,965, Cl. 369-45.000.

Tsuzurabara, Mamoru, 4,558,250, Cl. 313-337.000.

Uchida, Kenji; Sakamoto, Masakatsu; Saito, Makoto; Kamino, Yukishige; and Miyadera, Hiroshi, 4,547,132, Cl. 417-63.000.

Ueda, Shigeta; Hombu, Mitsuyuki; and Matsuda, Yasuo, 4,549,259, Cl. 363-137.000.

Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, 4,523,668, Cl. 192-107.00M.

Ueno, Sadayasu, 4,534,218, Cl. 73-204.000.

Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.

Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.

Ueyanagi, Kiichi; Takahashi, Susumu; Umemoto, Yasunari; and Nakamura, Michiharu, 4,503,599, Cl. 29-571.000.

Ueyanagi, Kiichi; Umemoto, Yasunari; Takahashi, Susumu; and Nakamura, Michiharu, 4,546,540, Cl. 29-579.000.

Umeda, Jun-ichi; Nakashima, Hisao; Kajimura, Takashi; and Kuroda, Takao, 4,509,173, Cl. 372-50.000.

Umeda, Takao; Simazaki, Yuzuru; Igawa, Tatsuo; Tanno, Seikichi; Sasaki, Ken; and Miyashita, Takao, 4,505,546, Cl. 350-334.000.

Umegaki, Kikuo; and Inoue, Kotaro, 4,562,034, Cl. 376-172.000.

Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.

Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yoozi; and Sugita, Yutaka, 4,502,916, Cl. 156-643.000.

Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yooji; and Sugita, Yutaka, 4,503,517, Cl. 365-36.000.

Ura, Katsumi; Inui, Taiji; and Sakka, Kenji, 4,517,804, Cl. 60-657.000.

Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.

Usui, Toshifumi; and Yanagisawa, Syozo, 4,506,506, Cl. 60-303.000.

Usui, Toshifumi; and Yanagisawa, Syozo, 4,549,399, Cl. 60-286.000.

Wada, Kenichi; Shintani, Yooichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,541,047, Cl. 364-200.000.

Wada, Takeshi; Kita, Hisanao; Wada, Tatsuji; Fujishima, Susumu; and Kadowaki, Hironori, 4,543,711, Cl. 29-726.000.

Wakabayashi, Manabu; Minami, Kihachiro; Sanpei, Tohru; and Konno, Kazutoshi, 4,550,354, Cl. 360-133.000.

Wakamatsu, Kazuhiro; and Kawamata, Yoshio, 4,552,449, Cl. 355-3.00R.

Wakamori, Fumio; Noma, Toshiyuki; Adachi, Masao; Funabashi, Motohisa; and Suzuki, Masayoshi, 4,522,534, Cl. 405-37.000.

Wakui, Yoko; Hachino, Hiroaki; Sawahata, Mamoru; Soga, Tasao; Yasuda, Tomio; and Ooue, Michio, 4,516,149, Cl. 357-71.000.

Watanabe, Hiroshi; Izumi, Eiki; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,561,249, Cl. 60-421.000.

Watanabe, Kazuo; Ohkubo, Yuichi; Haeno, Akira; and Yokogawa, Fumihiko, 4,520,282, Cl. 307-491.000.

Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, 4,546,222, Cl. 200-144.00B.

Watanabe, Ryuji; Iwashita, Kiyoji; Tomita, Sadami; Kuniya, Keiichi; and Tsuda, Hideaki, 4,547,639, Cl. 200-144.00B.

Watanabe, Ryuji; Ando, Hisashi; Kuniya, Keiichi; and Kurosawa, Yukio, 4,551,596, Cl. 200-144.00B.

Watari, Yoshio, 4,548,784, Cl. 376-216.000.

Yabe, Minoru; Noda, Kenichi; Endo, Satoru; and Yamauchi, Masaaki, 4,510,413, Cl. 313-460.000.

Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, 4,518,989, Cl. 358-86.000.

Yabuuchi, Shigeru; Endoh, Takeyuki; Kodama, Kazuyuki; and Ide, Jushi, 4,497,035, Cl. 364-577.000.

Yamada, Jun, 4,558,364, Cl. 358-188.000.

Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, 4,550,612, Cl. 73-727.000.

Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, 4,556,807, Cl. 307-491.000.

Yamada, Kazuji; Sato, Hideo; Kitadate, Yukitaka; Kawakami, Kanji; Kato, Kazuo; and Sasayama, Takao, 4,558,238, Cl. 307-491.000.

Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.

Yamada, Osamu; Murooka, Hideyasu; Ono, Kaoru; and Miyashita, Akimi, 4,557,792, Cl. 156-583.100.

Yamada, Takahiro, 4,524,366, Cl. 346-75.000.

Yamada, Yukio; Itahana, Hiroshi; and Kuwana, Hisashi, 4,492,975, Cl. 357-76.000.

Yamagiwa, Tokio; Ishikawa, Toshio; Ozawa, Jun; Endo, Kaoru; and Hosokawa, Masao, 4,549,132, Cl. 324-54.000.

Yamaguchi, Hiroshi; Miyauchi, Tateoki; Shimase, Akira; and Hongo, Mikio, 4,503,329, Cl. 250-309.000.

Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, 4,528,251, Cl. 429-25.000.

Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.

Yamaguti, Terushige; Miki, Toshinori; Mannaka, Toshio; Koyama, Hiroshi; and Kawano, Yukihiro, 4,545,228, Cl. 72-16.000.

Yamaji, Eiichi; and Ohno, Yoshie, 4,495,562, Cl. 364-200.000.

Yamakido, Kazuo; Hagiwara, Shiro; and Fujii, Fumiaki, 4,507,792, Cl. 375-30.000.

Yamamoto, Etsuji; Sekihara, Kensuke; Kohno, Hideki; and Yamamoto, Shinji, 4,558,425, Cl. 364-555.000.

Yamamoto, Hideharu; and Tsuneno, Hiroshi, 4,554,573, Cl. 357-73.000.

Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, 4,533,514, Cl. 376-308.000.

Yamanari, Shozo; Horiuchi, Tetsuo; Sugisaki, Toshihiko; and Tominaga, Kenji, 4,526,743, Cl. 376-283.000.

Yamaoka, Hiromasa; Iwasa, Yuzaburo; and Matunaga, Kazuhisa, 4,494,113, Cl. 340-825.500.

Yamaoka, Yukinori; and Takahashi, Takeshi, 4,535,383, Cl. 361-341.000.

Yamauchi, Koji, 4,493,984, Cl. 219-501.000.
Yamauchi, Koji; Ito, Shoichi; and Tadokoro, Hiroyuki, 4,527,093, Cl. 315-307.000.
Yamauchi, Masaaki; Yabe, Minoru; Shirai, Shoji; Komoro, Hidemasa; and Matsuda, Kenichi, 4,498,026, Cl. 313-414.000.
Yanada, Sadao; Honda, Naganobu; Miyagaki, Hisanori; and Nigawara, Seiitsu, 4,558,227, Cl. 290-40.00R.
Yanadori, Michio; and Kawabata, Toshiaki, 4,541,261, Cl. 72-112.000.
Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,561,493, Cl. 165-10.000.
Yanagita, Tomoatsu, 4,536,854, Cl. 364-749.000.
Yano, Ryuji; Chiba, Shinsaku; Yoshida, Kazutoshi; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,498,153, Cl. 365-10.000.
Yasuda, Makoto; and Murayama, Seiichi, 4,523,096, Cl. 250-373.000.
Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu, 4,507,759, Cl. 365-189.000.
Yatsuo, Tsutomu; Nagano, Takahiro; Oikawa, Saburo; and Horie, Akira, 4,500,903, Cl. 357-38.000.
Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.
Yoh, Kanji; and Yamashiro, Osamu, 4,553,098, Cl. 324-433.000.
Yoh, Kanji; Yamashiro, Osamu; and Meguro, Satoshi, 4,559,694, Cl. 29-571.000.
Yokoyama, Eiji; Kaneko, Tadao; Amano, Yoshiaki; and Sugimoto, Shigeo, 4,554,223, Cl. 429-20.000.
Yonezawa, Seiji; Horikoshi, Tatsuo; and Tsuyoshi, Toshiaki, 4,504,937, Cl. 369-44.000.
Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.
Yoshida, Kasumi; Uchiki, Hideo; and Kuroishi, Tadafumi, 4,520,108, Cl. 436-52.000.
Yoshida, Masashi; Katohno, Noboru; Yokota, Hajime; and Okayama, Masao, 4,499,512, Cl. 360-90.000.
Yoshida, Takashi; Fujie, Masakatsu; Matsuno, Junichi; and Ouchi, Hideyuki, 4,521,813, Cl. 358-296.000.
Yoshida, Tatsuya; and Katada, Hirosi, 4,552,110, Cl. 123-416.000.
Yoshida, Toshimi; Nakata, Kiyotomo; Masaoka, Isao; and Itow, Hisawo, 4,560,407, Cl. 75-128.00N.
Yoshikawa, Hiroshi; Hattori, Tetsuya; and Sato, Hideaki, 4,553,674, Cl. 211-26.000.
Yoshikawa, Isao; Tanimizu, Tooru; and Sugitani, Sinzi, 4,504,885, Cl. 361-342.000.
Yoshikawa, Kazuaki; Matsumura, Yuichi; and Mase, Noriaki, 4,534,932, Cl. 376-310.000.
Yoshinaga, Shinya; and Iwamura, Hiroyuki, 4,558,571, Cl. 62-238.600.
Yoshine, Hiroki; Takasaki, Yoshitaka; Takahashi, Yasushi; Yamada, Mitsuo; and Nagano, Katsuyuki, 4,503,546, Cl. 375-37.000.
Yoshioka, Masahiro; Mizumoto, Muneo; and Yamada, Koichiro, 4,560,325, Cl. 417-407.000.
Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.
Yuhara, Akitsuna; Hosaka, Norio; Fujita, Yuji; Kishimoto, Kiyoharu; and Yamada, Jun, 4,500,807, Cl. 310-313.00B.
Yuhara, Akitsuna; Nate, Kazuo; Toyama, Tatsuro; and Yamada, Jun, 4,510,410, Cl. 310-313.00D.
Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, 4,539,616, Cl. 360-125.000.
Yuki, Ikuo, 4,549,216, Cl. 359-242.000.

Hitachi, Maxell Ltd.: *See—*
Akahane, Naoto; Yamaguchi, Yoshitake; Matsuura, Takeshi; and Watatani, Seiji, 4,561,034, Cl. 360-134.000.
Funahashi, Masaya; Inoue, Kenichi; and Mizushima, Kunio, 4,522,885, Cl. 428-422.000.
Goto, Shinichi, 4,504,028, Cl. 242-198.000.
Karashima, Takato; and Zaitsu, Hiroshi, 4,554,606, Cl. 360-131.000.
Maehara, Yoshimi, 4,544,062, Cl. 206-509.000.
Miyauchi, Katsuki; Kudo, Tetsuichi; Minato, Osamu; Masuhara, Toshiaki; and Uetani, Yoshio, 4,539,660, Cl. 365-229.000.
Sato, Akihiko, 4,541,588, Cl. 242-199.000.
Sumiya, Kenji; Togawa, Fumio; and Saito, Osamu, 4,536,444, Cl. 428-340.000.
Takagi, Hiroyoshi, 4,553,717, Cl. 242-198.000.
Takagi, Hiroyoshi; Amaike, Toshiyuki; and Mizutani, Hikaru, 4,556,153, Cl. 220-334.000.
Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.
Watanabe, Osamu, 4,521,500, Cl. 429-174.000.

Hitachi Medical Corporation: *See—*
Horiba, Isao; and Iwata, Akira, 4,558,462, Cl. 382-42.000.
Suzuki, Atsushi; Yamada, Hiromichi; Uchida, Yoko; Kohno, Hideki; and Yoshida, Minoru, 4,492,869, Cl. 250-367.000.

Hitachi Metals, Ltd.: *See—*
Asanae, Masumi; Noguchi, Koji; Itoi, Hideyuki; and Funakoshi, Katsumi, 4,529,680, Cl. 430-106.600.
Fukuda, Kozi; and Yamashita, Keitaro, 4,526,130, Cl. 118-657.000.
Furuichi, Shinji; Morita, Shigetoshi; Taka, Shunichi; and Suwabe, Hirohisa, 4,506,308, Cl. 360-121.000.
Iyori, Yusuke; and Takahashi, Norio, 4,543,343, Cl. 501-87.000.
Meguro, Takashi; Ogata, Yasunobu; and Sawada, Yoshizo, 4,525,222, Cl. 148-121.000.
Noguchi, Koji; Asanae, Masumi; and Kimura, Fumio, 4,518,673, Cl. 430-108.000.
Ohtsuka, Shuichi; Aotsuka, Yasuo; and Saito, Eiichi, 4,521,103, Cl. 355-14.00D.
Sakakihara, Masahiko; Hasegawa, Kenzi; and Iwama, Akira, 4,540,638, Cl. 428-693.000.
Samuels, Abe; Yamashita, Keitaro; and Sasaki, Yoshitaka, 4,521,184, Cl. 432-60.000.
Shimizu, Motoharu; Noda, Noriyuki; and Noguchi, Yoshihiro, 4,547,758, Cl. 335-302.000.
Watanabe, Nobuyuki; and Wanda, Nobuo, 4,540,205, Cl. 285-329.000.
Yamashita, Keitaro; and Kashiwagi, Hiromi, 4,496,240, Cl. 355-14.00D.
Yamashita, Keitaro, 4,558,294, Cl. 335-303.000.

Hitachi Microcomputer Engineering, Ltd.: *See—*
Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, 4,514,646, Cl. 307-200.00B.
Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, 4,521,750, Cl. 333-28.00R.
Matsuura, Hiromi, 4,551,820, Cl. 365-189.000.
Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,505,766, Cl. 148-175.000.
Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,536,784, Cl. 357-48.000.
Nishijima, Hideo; Sera, Katsumi; Fukushima, Isao; and Kobori, Yasunori, 4,494,056, Cl. 318-269.000.
Ouchi, Yoshiaki; Ishihara, Masamichi; Matsumoto, Tetsuro; and Miyazawa, Kazuyuki, 4,562,555, Cl. 365-233.000.
Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, 4,562,424, Cl. 340-347.0NT.
Tanimura, Nobuyoshi; Yamamoto, Sho; Yoshizaki, Kazuo; and Akima, Isao, 4,509,147, Cl. 365-190.000.
Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.
Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu, 4,507,759, Cl. 365-189.000.

Hitachi Plant Engineering & Construction Co.: *See—*
Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Hitachi Powdered Metals Co. Ltd.: *See—*
Asaka, Kazuo, 4,503,009, Cl. 419-6.000.
Asaka, Kazuo; and Koyama, Takashi, 4,539,197, Cl. 419-6.000.
Nakata, Tohru; Endo, Hiroyuki; Harada, Masatoshi; Hayasaka, Tadao; and Miyamoto, Osamu, 4,552,590, Cl. 75-246.000.

Hitachi Seiko Ltd.: *See—*
Kishi, Masakazu; and Suzuki, Yasuo, 4,504,722, Cl. 219-69.00P.
Nakajima, Jun; Araya, Takeshi; Aso, Tadashi; Kawamata, Kiyoshi; and Sugimoto, Kinji, 4,527,045, Cl. 219-130.310.

Hitachi Service Engineering Co., Ltd.: *See—*
Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.
Yoshikawa, Kazuaki; Matsumura, Yuichi; and Mase, Noriaki, 4,534,932, Cl. 376-310.000.

Hitachi Shipbuilding & Engineering Co., Ltd.: *See—*
Ohta, Michio; Kamei, Sakito; and Aoki, Kazumi, 4,538,481, Cl. 74-603.000.
Okigami, Noboru; Hayasaka, Hiroshi; Sekiguchi, Yoshitoshi; and Tamura, Harushige, 4,496,306, Cl. 431-8.000.
Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,526,121, Cl. 114-73.000.
Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,559,888, Cl. 114-74.00R.
Wakabayashi, Masaru; and Ono, Kuniaki, 4,501,314, Cl. 164-441.000.
Yamamoto, Masahiko; Nishino, Yoshinori; Komura, Akio; and Ebisu, Tomio, 4,518,556, Cl. 264-295.000.

Hitachi Video Engineering Inc.: *See—*
Satake, Mitsuo; and Toyota, Shigekata, 4,561,084, Cl. 369-75.200.
Shibata, Akira; and Ohashi, Shinichi, 4,558,378, Cl. 360-19.100.

Hitachi Zosen Corporation: *See—*
Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.
Furukawa, Tetsuro, 4,553,409, Cl. 62-476.000.
Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.
Murata, Seiichiro; Yoshioka, Toshio; Kamei, Sakito; Hiramatsu, Yoshitada; Takeuchi, Shin; and Yamawaki, Yoshiro, 4,548,154, Cl. 114-355.000.
Nakano, Teruo; Ohtani, Hideji; Miyawaki, Kunio; and Mogi, Shigeo, 4,538,047, Cl. 219-125.100.

Shiraishi, Minoru; Numata, Yoshimi; Tano, Hiroshi; and Onaka, Tatsumi, 4,532,878, Cl. 114-222.000.

Umetani, Tetsumasa; and Matsunaga, Katsutoshi, 4,502,928, Cl 204-98.000.

Hitch, Robert J.; and Holland, Mason, to W. C. Bradley Enterprises, Inc. Food grilling, roasting, smoking and steaming apparatus. 4,495,860, 1-29-85, Cl. 99-340.000.

Hitchcock, Gary L.: *See—*

Kraft, Derald H.; and Hitchcock, Gary L., 4,551,122, Cl. 474-170.000.

Hitchcock, James R., Jr.; and Nevens, Charles J., to Baxter Travenol Laboratories, Inc. Disposable swab. 4,519,795, 5-28-85, Cl. 604-289.000.

Hitchcock, James R., Jr.: *See—*

Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., 4,560,472, Cl. 210-140.000.

Hitchcock, Keith N., to Froude Consine Limited. Engine testing apparatus and methods. 4,520,660, 6-4-85, Cl. 73-120.000.

Hitchcock, Robert F.: *See—*

Mullally, Charles J.; Brown, Steven L.; Anderson, David L.; and Hitchcock, Robert F., 4,509,340, Cl. 62-503.000.

Hitchens, Max W.; and Rote, George B. Material conveying system simulation and monitoring apparatus. 4,512,747, 4-23-85, Cl. 434-428.000.

Hitchin, James, to Thermal Energy Storage, Inc. Energy storage apparatus. 4,491,172, 1-1-85, Cl. 165-10.000.

Hitchiner Manufacturing Co., Inc.: *See—*

Belliveau, Dennis A.; and Thomas, Eugene W., 4,508,157, Cl. 164-63.000.

Chandley, George D., 4,532,976, Cl. 164-363.000.

Hitco: *See—*

Hinman, P. Anthony, 4,496,740, Cl. 548-402.000.

Hinman, P. Anthony, 4,540,764, Cl. 528-9.000.

Lay, Khin M.; and Paiguta, Stephen E., 4,497,098, Cl. 28-171.000.

Lay, Khin M.; Palguta, Stephen E.; Fernandez, Ramon B.; and Cabalquinto, Santiago C., 4,501,037, Cl. 8-149.200.

Mullen, Charles K.; Shepherd, Gary D.; Fernandez, Ramon B.; and Bergren, Kenneth B., 4,507,272, Cl. 423-447.400.

Parker, Leon; and Campman, Arthur R., 4,506,611, Cl. 112-79.00R.

Spain, Raymond G.; and Massie, James E., 4,499,216, Cl. 523-437.000.

Spain, Raymond G., 4,517,245, Cl. 428-367.000.

Hite, John B.; and Reynolds, Matthew R. Belt fastener. 4,558,492, 12-17-85, Cl. 24-37.000.

Hitec Co., Ltd.: *See—*

Nakamura, Minoru; and Kasai, Minoru, 4,539,796, Cl. 53-576.000.

Hitek Limited: *See—*

Bogwitz, Wolfram E. R.; Flecknoe-Brown, Anthony E.; and Duchovni, Naum, 4,543,054, Cl. 425-335.000.

Hitomi, Hisakazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Temperature-compensating bias circuit. 4,492,914, 1-8-85, Cl. 323-313.000.

Hitomi, Masuo: *See—*

Koh, Shiro; Wada, Katsuyasu; Namioka, Kazuhiko; and Hitomi, Masuo, 4,560,415, Cl. 106-286.300.

Hitomi, Mitsuo; and Oda, Hiroyuki, to Mazda Motor Corporation. Engine intake system. 4,543,931, 10-1-85, Cl. 123-308.000.

Hitomi, Yasuhiro, to Shimano Industrial Company Limited. Drag mechanism for a spinning reel. 4,555,072, 11-26-85, Cl. 242-84.50R.

Hitotsuyanagi, Hajime; Fujita, Nobuhiko; Itozaki, Hideo; and Kawai, Hiromu, to Director-General of the Agency of Industrial Science and Technology. Process for the production of a multicomponent thin film. 4,496,450, 1-29-85, Cl. 204-192.00R.

Hitt, Gerard J.; Nowakowski, Victor A.; and Warren, Walter R., to AAR Corp. Digital barometric altimeter. 4,507,962, 4-2-85, Cl. 73-384.000.

Hitt, James J., to General Signal Corporation. Square root circuit with stable linear cut-off. 4,506,174, 3-19-85, Cl. 307-490.000.

Hittel, William C.: *See—*

O'Boyle, Dolores; and Hittel, William C., 4,558,705, Cl. 128-476.000.

Hittenberger, William H.: *See—*

Baker, Thomas F.; Hittenberger, William H.; and Posen, Boris J., 4,549,876, Cl. 493-169.000.

Bryson, John W.; and Hittenberger, William H., 4,493,682, Cl. 493-174.000.

Hitzel, Volker; Weyer, Rudi; Geisen, Karl; and Ritzel, Harald, to Hoechst Aktiengesellschaft. Antidiabetic salicylic acid derivatives. 4,542,127, 9-17-85, Cl. 514-161.000.

Hitzel, Volker; Weyer, Rudi; Giesen, Karl; and Ritzel, Harald, to Hoechst Aktiengesellschaft. Sulfonylureas pharmaceutical formulations based on these compounds and their use for treatment of diabetes. 4,542,139, 9-17-85, Cl. 514-312.000.

Hitzelberger, Alan L.; and Shows, Everett W., to General Motors Corporation. Gas turbine engine fuel system. 4,531,359, 7-30-85, Cl. 60-39.270.

Hitzky, Leo J., to Goodyear Tire & Rubber Company, The. Pneumatic tire. 4,503,898, 3-12-85, Cl. 152-209.00R.

Hitzman, Donald O., to Phillips Petroleum Company. Gelled acid composition. 4,515,700, 5-7-85, Cl. 252-8.55R.

Hitzman, Donald O., to Phillips Petroleum Company. Oil Treatment. 4,518,489, 5-21-85, Cl. 208-223.000.

Hitzman, Donald O., to Phillips Petroleum Company. Apparatus for carrying out sparged reaction. 4,519,984, 5-28-85, Cl. 422-196.000.

Hitzman, Donald O., to Phillips Petroleum Company. Generation of microorganism control composition and use thereof. 4,540,052, 9-10-85, Cl. 166-303.000.

Hitzman, Donald O.; and Hopkins, Thomas R., to Phillips Petroleum Company. Determination of alcohol content in water imiscible organic systems. 4,556,635, 12-3-85, Cl. 435-25.000.

Hiujsing, Johan H., to Signetics Corporation. Multi-stage amplifier with capacitive nesting for frequency compensation. 4,559,502, 12-17-85, Cl. 330-294.000.

Hiura, Hiromi: *See—*

Yoshikane, Tetsuo; Kagata, Akira; and Hiura, Hiromi, 4,534,136, Cl. 51-283.00R.

Hiwada, Kunio: *See—*

Matsueda, Rei; Yabe, Yuichiro; Yamazaki, Mitsuo; Kokubu, Tatsuo; and Hiwada, Kunio, 4,548,926, Cl. 514-19.000.

Hiwatashi, Takaaki: *See—*

Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.

Hixenbaugh, D. Wayne: *See—*

Troutman, Samuel J., Jr.; and Hixenbaugh, D. Wayne, 4,535,634, Cl. 73-747.000.

Hixson, Richard M. Rail fastening assembly. 4,561,589, 12-31-85, Cl. 238-297.000.

Hiyama, Kunio: *See—*

Takenouchi, Hiroo; Ishida, Hideaki; and Hiyama, Kunio, 4,506,111, Cl. 179-2.00A.

Hiyama, Takashi: *See—*

Yanaihara, Noboru; Sugiura, Nobuo; and Hiyama, Takashi, 4,517,180, Cl. 514-16.000.

Hiyama, Tamejiro; and Kobayashi, Kazuhiro, to Sagami Chemical Research Center. Aminopolyol derivatives. 4,501,909, 2-26-85, Cl. 549-342.000.

Hiyama, Torao; and Nishizawa, Kazuo, to Alps Electric Co., Ltd. Impedance converting transformer formed of conductors extending through a magnetic housing. 4,538,132, 8-27-85, Cl. 336-221.000.

Hiyama, Torao: *See—*

Noji, Tasuku; and Hiyama, Torao, 4,494,095, Cl. 334-85.000.

Hiyama, Yasuhiro: *See—*

Izumi, Kouichi; and Hiyama, Yasuhiro, 4,497,294, Cl. 123-357.000.

Hiyane, Masao: *See—*

Toda, Junzo; and Hiyane, Masao, 4,546,398, Cl. 360-126.000.

Hiyoshi, Kazuhiko; Matsuura, Norio; Matsuguchi, Michiharu; Onofusa, Norio; and Nishikage, Tadao, to Dow Chemical Company, The. Aqueous dispersions of vinylidene chloride resins. 4,535,120, 8-13-85, Cl. 524-560.000.

Hiyoshi, Takanori: *See—*

Sasaki, Masafumi; Kashiwagi, Susumu; and Hiyoshi, Takanori, 4,513,569, Cl. 60-39.310.

Hiza, Misao: *See—*

Kennedy, Joseph P.; and Hiza, Misao, 4,524,188, Cl. 525-333.700.

Hizawa, Kouichi: *See—*

Nishida, Hiroshi; Hizawa, Kouichi; and Mine, Taichi, 4,557,698, Cl. 414-330.000.

Hjertzen, Derrick G.: *See—*

Woodbridge, Keith W.; and Hjertzen, Derrick G., 4,541,741, Cl. 384-482.000.

Hjorth-Hansen, Arne. Apparatus for controlling the inflation of tires. 4,510,979, 4-16-85, Cl. 141-95.000.

HK-Engineering Aktiebolag: *See—*

Kitsnik, Henrik M., 4,519,753, Cl. 417-403.000.

HKC, Inc.: *See—*

Boese, Harold L., 4,515,382, Cl. 280-221.000.

Hlava, Lorens G., to Brunswick Corporation. Two piece molded adjustable rod handle. 4,535,561, 8-20-85, Cl. 43-22.000.

Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, to American Cyanamid Company. Platinum complexes of antitumor agents. 4,544,759, 10-1-85, Cl. 556-36.000.

Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, to American Cyanamid Company. Platinum chelates of 3-amino-substituted-[1,2,4]triazolo[1,5-a]-pyrimidin-7(3H)-ones. 4,546,181, 10-8-85, Cl. 544-225.000.

Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, to American Cyanamid Company. Platinum chelates of 2-hydrazino-azoles. 4,550,169, 10-29-85, Cl. 548-108.000.

HLF Corporation: *See—*

Levine, Paul J., 4,531,023, Cl. 179-2.00R.

Hliboki, Joseph G.; and Staudenmaier, Paul, to Teaneck Graphics Corp. Multiple vacuum frame unit. 4,536,085, 8-20-85, Cl. 355-93.000.

Hlubucek, Ladislav: *See—*

Pavek, Miloslav; and Hlubucek, Ladislav, 4,498,280, Cl. 57-22.000.

Hlusko, Edward G. Manually operable resizing cartridge press and method for operating same. 4,510,842, 4-16-85, Cl. 86-25.000.

Hnat, Diane L.: *See—*

Wang, Martha Y.; Michnowski, Jane; Hnat, Diane L.; and Ross, Robert E., 4,528,202, Cl. 426-550.000.

Hnat, James G. Vortex process for melting glass. 4,544,394, 10-1-85, Cl. 65-27.000.

Hnat, James G. Process for melting glass in a toroidal vortex reactor. 4,553,997, 11-19-85, Cl. 65-27.000.

Hnatchenko, Michael: *See—*

Feinland, Raymond; Pohl, Stanley; and Hnatchenko, Michael, 4,532,127, Cl. 424-62.000.

Pohl, Stanley; Hnatchenko, Michael; and Feinland, Raymond, 4,507,280, Cl. 424-70.000.

- Hnatow, Miguel A.: *See—*
  - Happel, John; Hnatow, Miguel A.; and Bajars, Laimonis, 4,491,639, Cl. 502-219.000.
- HNU Systems, Inc.: *See—*
  - Driscoll, John N.; and Atwood, Edwards S., 4,549,953, Cl. 204-419.000.
- Ho, Andrew W.: *See—*
  - Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.
- Ho, Bin-Lun: *See—*
  - Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.
- Ho, Cecil C.: *See—*
  - Sharpe, Claude A.; and Ho, Cecil C., 4,539,566, Cl. 343-389.000.
- Ho, Chih-Ming; and Gutmark, Ephraim, to University of Southern California. Mixing apparatus using a noncircular jet of small aspect ratio. 4,519,423, 5-28-85, Cl. 137-888.000.
- Ho, Chih Y., to McNeilab, Inc. 6H-indolo[2,1-c]benzodiazepines and 12-oxo derivatives useful as antihypertensives. 4,529,724, 7-16-85, Cl. 514-215.000.
- Ho, Chih Y., to McNeilab, Inc. Amidine benzodiazepines, methods for their use and intermediates. 4,547,497, 10-15-85, Cl. 514-219.000.
- Ho, Chu-Ngi: *See—*
  - Warner, Isiah M.; and Ho, Chu-Ngi, 4,516,984, Cl. 55-16.000.
- Ho, Giong. Liquid level control apparatus and method. 4,543,973, 10-1-85, Cl. 137-1.000.
- Ho, Guan-Huei; and Liao, Chiang-Chang, to Borden Company Limited, The. Multi-layer immobilized enzyme compositions. 4,506,015, 3-19-85, Cl. 435-175.000.
- Ho, James S.: *See—*
  - Lin, Philip C.; and Ho, James S., 4,525,979, Cl. 53-268.000.
- Ho, Peter P. K.; and Soper, Quentin F., to Eli Lilly and Company. Benzothiophene derivatives. 4,552,891, 11-12-85, Cl. 514-443.000.
- Ho, Phillman N., to Union Oil Company of California. Oil shale extraction process. 4,533,460, 8-6-85, Cl. 208-11.0LE.
- Ho, Ping-Pei; Gorin, Brian A.; and Bora, Nayana S., to NCR Corporation. Method for correcting volume-phase-gelatin holograms Bragg's angle deviation. 4,509,817, 4-9-85, Cl. 350-3.610.
- Ho, Ping-Pei: *See—*
  - Gorin, Brian A.; and Ho, Ping-Pei, 4,510,221, Cl. 430-1.000.
- Ho, Teh C.; and Pan, Wie-Hin, to Exxon Research & Engineering Co. Supported, self-promoted molybdenum and tungsten sulfide catalysts formed from bis(tetrathiometallate) precursors, and their preparation. 4,514,517, 4-30-85, Cl. 502-220.000.
- Ho, Ting-Long: *See—*
  - Pollard, David D.; and Ho, Ting-Long, 4,504,850, Cl. 357-79.000.
- Ho, Wei K. Bicycle wheel, hub and spoke assembly. 4,529,253, 7-16-85, Cl. 301-57.000.
- Hoadley, Frederick L., to Borg-Warner Corporation. D-C bus current monitoring system. 4,521,840, 6-4-85, Cl. 363-35.000.
- Hoag, Ethan D., to Metalworking Lasers International Ltd. Apparatus for establishing and maintaining a stable electrical discharge across a stream of gas, and a high-power laser including such apparatus. 4,534,032, 8-6-85, Cl. 372-34.000.
- Hoag, Ethan D.; and Ravid, Amotz, to Metalworking Lasers International Ltd. Cooled mirror and method of cooling same particularly useful in lasers. 4,552,439, 11-12-85, Cl. 350-610.000.
- Hoag, Jack E., to Hoag, Jack E. Vault mount for electrical apparatus. 4,541,209, 9-17-85, Cl. 52-20.000.
- Hoagland, Dean W.: *See—*
  - Hoagland, Merle R.; Hoagland, Robert M.; and Hoagland, Dean W., 4,492,506, Cl. 414-463.000.
- Hoagland, Frank V. N.; and Aquino, Agostino J., to Nabisco Brands, Inc. Labeling machine. 4,533,426, 8-6-85, Cl. 156-492.000.
- Hoagland, John C.: *See—*
  - Fabel, David A.; Hoagland, John C.; and Woodworth, Chester L., 4,545,504, Cl. 222-55.000.
- Hoagland, Merle R.; Hoagland, Robert M.; and Hoagland, Dean W., to DMB Enterprises, Inc. Under vehicle carrier for a spare wheel. 4,492,506, 1-8-85, Cl. 414-463.000.
- Hoagland, Robert M.: *See—*
  - Hoagland, Merle R.; Hoagland, Robert M.; and Hoagland, Dean W., 4,492,506, Cl. 414-463.000.
- Hoai, Vong N.: *See—*
  - Lonchamp, Daniel; Hoai, Vong N.; and Navarre, Francois-Pierre, 4,548,615, Cl. 44-1.00D.
- Hoang, Tan; and Smiley, James B., to Tri-Star Enterprises, Inc. Pipe trough for transporting pipe between upper and lower positions. 4,494,899, 1-22-85, Cl. 414-22.000.
- Hoarler, Hansulrich, to BBC Brown, Boveri & Company, Limited. Self-priming centrifugal lubricating oil pump of an exhaust gas turbocharger. 4,541,785, 9-17-85, Cl. 417-407.000.
- Hoarty, John T.: *See—*
  - Bradley, Geoffrey; Hoarty, John T.; and Howarth, Ian M., 4,524,163, Cl. 524-5.000.
- Hoashi, Kenzo; and Uehara, Kazuo, to Kabushiki Kaisha Komatsu Seisakusho. Split type oil hydraulic piston pump and pressurized oil feed circuit making use of the same pump. 4,549,466, 10-29-85, Cl. 91-6.500.
- Hobart Brothers Company: *See—*
  - Kemp, Gerrit V., 4,531,045, Cl. 219-132.000.
- Hobart Corporation: *See—*
  - Boshinski, Edwin E., 4,543,766, Cl. 53-64.000.
  - Bowers, Russell E.; and Trieber, Fritz F., 4,505,092, Cl. 53-504.000.
  - Eberhardt, Mark E., Jr., 4,561,904, Cl. 134-18.000.
  - Mathieu, Raymond J., 4,510,731, Cl. 53-66.000.
  - Meyers, Theodore F., 4,559,959, Cl. 134-56.00D.
  - Rogers, Robert M.; Treiber, Fritz F.; and Bowers, Russell E., 4,501,105, Cl. 53-64.000.
  - Treiber, Fritz F.; and Bowers, Russell E., 4,501,106, Cl. 53-66.000.
  - Treiber, Fritz F., 4,507,904, Cl. 53-203.000.
  - Treiber, Fritz F., 4,513,558, Cl. 53-77.000.
  - Treiber, Fritz F., 4,561,921, Cl. 156-297.000.
- Hobart, James L.: *See—*
  - Sasnett, Michael W.; Hobart, James L.; and Gibson, Larry A., 4,500,996, Cl. 372-19.000.
- Hobas-Engineering AG: *See—*
  - Jost, Ralph, 4,513,996, Cl. 285-110.000.
- Hobbs, Albert W., to Century Fabrications Ltd. Implement attachment devices for land vehicles. 4,504,077, 3-12-85, Cl. 280-490.00R.
- Hobbs, Andrew G. P., Jr.; Lickle, Brett D.; and Hobbs, Patricia W. Portable beverage cooler. 4,516,409, 5-14-85, Cl. 62-457.000.
- Hobbs, Arthur G., Jr.: *See—*
  - Proctor, Robert H.; and Hobbs, Arthur G., Jr., 4,513,578, Cl. 62-149.000.
- Hobbs Bonded Fibers: *See—*
  - Baigas, Joseph F., Jr., 4,556,521, Cl. 261-94.000.
- Hobbs, Charles F., to Monsanto Company. Catalyst and reverse disproportionation process. 4,511,672, 4-16-85, Cl. 502-243.000.
- Hobbs, Charles F., to Monsanto Company. Catalyst and reverse disproportionation process. 4,514,519, 4-30-85, Cl. 502-243.000.
- Hobbs, Edwin L. Leg protector and socket for climbers. 4,530,420, 7-23-85, Cl. 182-221.000.
- Hobbs, James W.; and Halliday, Mary M., to Phillips Petroleum Company. Control of a fractional distillation process. 4,526,657, 7-2-85, Cl. 203-3.000.
- Hobbs, James W., to Phillips Petroleum Company. Constraint control of a fractional distillation process. 4,529,485, 7-16-85, Cl. 203-2.000.
- Hobbs, James W., to Phillips Petroleum Company. Control of a cracking furnace. 4,536,606, 8-20-85, Cl. 585-650.000.
- Hobbs, James W.: *See—*
  - Stengle, Nancy K.; and Hobbs, James W., 4,557,806, Cl. 203-1.000.
- Hobbs, John; and Schrader, Wolfgang, to Robert Bosch GmbH. Multi-axle vehicle. 4,505,344, 3-19-85, Cl. 177-136.000.
- Hobbs, John R., to Rolls-Royce Limited. Gas turbine engine air intake. 4,493,185, 1-15-85, Cl. 60-39.092.
- Hobbs, Milton M.: *See—*
  - Martens, Alan; Hobbs, Milton M.; and Snow, Bennie E., 4,552,099, Cl. 122-451.100.
  - Martens, Alan; Hobbs, Milton M.; and Myers, Gerald A., 4,561,254, Cl. 60-660.000.
- Hobbs, Patricia W.: *See—*
  - Hobbs, Andrew G. P., Jr.; Lickle, Brett D.; and Hobbs, Patricia W., 4,516,409, Cl. 62-457.000.
- Hobbs, Peter D.: *See—*
  - Dawson, Marcia I.; Chan, Rebecca L. S.; and Hobbs, Peter D., 4,526,787, Cl. 514-255.000.
  - Dawson, Marcia I.; and Hobbs, Peter D., 4,529,600, Cl. 514-529.000.
  - Dawson, Marcia I.; and Hobbs, Peter D., 4,532,343, Cl. 514-543.000.
- Hobbs, Richard S.: *See—*
  - Johnson, Robert W.; and Hobbs, Richard S., 4,501,563, Cl. 441-6.000.
- Hobbs, Robert N.: *See—*
  - Dzewaltowski, Victor F.; and Hobbs, Robert N., 4,513,540, Cl. 51-165.710.
- Hobbs, Simon H.: *See—*
  - Neuzil, Richard W.; and Hobbs, Simon H., 4,497,972, Cl. 585-828.000.
- Hobby, William M.: *See—*
  - Valdespino, Joseph M.; Holcomb, Allen K.; and Hobby, William M., 4,553,552, Cl. 128-637.000.
- Hobel, Hans-Gunther: *See—*
  - Elischer, Stefan; Hobel, Hans-Gunther; Merkt, Robert; and Wagner, Fritz, 4,535,160, Cl. 544-191.000.
- Hoberg, Clarence P.: *See—*
  - Little, Michael J.; Brown, Roger H.; Efron, Uzi; and Hoberg, Clarence P., 4,537,827, Cl. 428-409.000.
- Hoberman, Max. Exit sign lamp flashing system with self-checking provisions. 4,544,910, 10-1-85, Cl. 340-333.000.
- Hobes, John; and Deymann, Detlef, to Ruhrchemie Aktiengesellschaft. Process for preparing free-flowing ethylene homopolymers or copolymer waxes. 4,529,132, 7-16-85, Cl. 241-1.000.
- Hobes, John V.: *See—*
  - Heier, Karl H.; Bohm, Roland; and Hobes, John V., 4,556,499, Cl. 252-51.50A.
- Hobo, Nobuhito: *See—*
  - Ito, Osamu; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; and Hasegawa, Takashi, 4,494,511, Cl. 123-463.000.
  - Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, 4,503,830, Cl. 123-501.000.
- Hobson, David: *See—*
  - Gardner, John F.; and Hobson, David, 4,518,149, Cl. 251-144.000.
- Hobson, James C., to Ex-Cell-O Corporation. Rack and pinion weapon elevation mechanism. 4,501,190, 2-26-85, Cl. 89-41.00H.

Hobson Limited: *See—*
Stewart, David E.; and Nicholson, George R., 4,493,229, Cl. 76-107.00A.

Hobson, Lloyd L. Fork lift truck attachment. 4,497,606, 2-5-85, Cl. 414-607.000.

Hoburg, James F.: *See—*
Prinz, Friedrich B.; Hoburg, James F.; and Gunnarsson, Kristjan, 4,554,834, Cl. 73-597.000.

Hoccom Developments Limited: *See—*
Calvert, Colin; and Cox-Smith, Peter, 4,534,755, Cl. 494-37.000.
Cox-Smith, Peter; Calvert, Colin; and Wesley, John, 4,515,582, Cl. 494-7.000.

Hoch, Dieter: *See—*
Hollmann, Siegfried; Hoch, Dieter; and Bollinger, Heribert, 4,541,442, Cl. 132-9.000.

Hoch, John J., to Deere & Company. Mounting connecting an oil cooler to a radiator. 4,531,574, 7-30-85, Cl. 165-67.000.

Hoch, John J., to Deere & Company. Static discharge prevention system for a largely non-metallic fuel tank. 4,540,191, 9-10-85, Cl. 280-5.00A.

Hoch, John J., to Deere & Company. Bracket assembly for adjustably mounting a seat. 4,549,765, 10-29-85, Cl. 297-311.000.

Hochanadel, Thomas A.; and McInerney, Robert J., to J. E. Grote Company. Stacking conveyor for product slicing machine. 4,543,864, 10-1-85, Cl. 83-91.000.

Hochbahn, Peter: *See—*
Lorcks, Jurgen; Obradovic, Peter; Hochbahn, Peter; and Feeser, Hermann, 4,552,918, Cl. 524-734.000.

Hochberg, Arie; Haylock, John C.; and Mason, Charles D., to Allied Corporation. Flame retardant polyamide composition. 4,525,513, 6-25-85, Cl. 524-288.000.

Hochberg, Howard M., to Spacelabs, Inc. Apparatus and method for use in a medical gas sampling system. 4,549,553, 10-29-85, Cl. 128-719.000.

Hochberg, Nelson D. Means for controlling heat flux. 4,531,511, 7-30-85, Cl. 126-450.000.

Hoche, Gunter, to Hermann Mellert GmbH & Co. KG. Self-starting electric motor. 4,499,389, 2-12-85, Cl. 310-41.000.

Hochel, Robert C.; and Saturday, Kathy A., to United States of America, Energy. Fluorination process using catalyst. 4,522,794, 6-11-85, Cl. 423-251.000.

Hochgesand, Gerhard; Kahles, Heinz; Wiesner, Paul; and Stonner, Hans-Martin, to Metallgesellschaft Aktiengesellschaft. Process for the treatment of an aqueous condensate. 4,522,730, 6-11-85, Cl. 210-750.000.

Hochgesang, Gerhard, to Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co. Multipole edge strip connector. 4,531,793, 7-30-85, Cl. 339-17.00F.

Hochhauser, Albert M., to Exxon Research & Engineering Co. Method for reducing water sensitivity of ether containing gasoline compositions. 4,519,809, 5-28-85, Cl. 44-53.000.

Hochiki Kabushiki Kaisha: *See—*
Machida, Haruchika; and Yuchi, Sadataka, 4,555,695, Cl. 340-538.000.
Miyabe, Atsushi, 4,491,830, Cl. 340-584.000.

Hochman, Joel S. Device for the development, training and rehabilitation of the pubococcygeal and related perineal musculature of the female. 4,515,167, 5-7-85, Cl. 128-736.000.

Hochman, Sherman W., to Wisconsin Gas Company. Fluid distribution lockout apparatus. 4,503,880, 3-12-85, Cl. 137-377.000.

Hochmuth, Frank W. Pre-drying fuel in steam generator with integral down-draft dryer. 4,502,397, 3-5-85, Cl. 110-346.000.

Hochradel, Hans. Pneumatic tube system with carrier. 4,512,688, 4-23-85, Cl. 406-111.000.

Hochreuther, Karl; and Tragatschnig, Jorg, to Metrawatt GmbH. Portable measuring device. 4,522,061, 6-11-85, Cl. 73-431.000.

Hochreutiner, Roger M., to International Standard Electric Corporation. Electromagnetic miniature relay. 4,503,410, 3-5-85, Cl. 335-153.000.

Hochschild, James R., to Texas Instruments Incorporated. Integrated circuit PSK modem phase locked loop. 4,538,282, 8-27-85, Cl. 375-9.000.

Hochschild, James R., to Texas Instruments Incorporated. PSK modem having dual-integrator voltage controlled oscillator. 4,559,634, 12-17-85, Cl. 375-9.000.

Hochstatter, Brian R., to Emerson Electric Co. Linear slide. 4,522,454, 6-11-85, Cl. 308-3.00R.

Hochstein, Peter A.; and Shih, Kelvin. Electrical timing control switch. 4,500,795, 2-19-85, Cl. 307-141.000.

Hochstein, Peter A., to Armada Corporation. Bistable shape memory effect thermal transducers. 4,544,988, 10-1-85, Cl. 361-211.000.

Hochstein, Peter A.: *See—*
Rozmus, Walter J.; and Hochstein, Peter A., 4,548,020, Cl. 53-268.000.

Hochstetler, Alan R., to Givaudan Corporation. Substituted tetrahydrofurans. 4,549,029, 10-22-85, Cl. 549-429.000.

Hochstrasser geb. Wack, Elisabeth: *See—*
Mathieu, Hans; and Hochstrasser, Jurgen, 4,526,242, Cl. 175-94.000.

Hochstrasser, Jurgen: *See—*
Mathieu, Hans; and Hochstrasser, Jurgen, 4,526,242, Cl. 175-94.000.

Hochstrasser, Otto; Heine, Hans G.; and Buechi, Heinz, to BBC Brown Boveri, Inc. Ladle scraper mechanism. 4,511,125, 4-16-85, Cl. 266-135.000.

Hochtemperatur-Reaktorbau GmbH: *See—*
Elter, Claus; Schneider, Karl U.; Schoning, Josef; Stach, Heinrich; and Stracke, Wilfried, 4,504,439, Cl. 376-391.000.
Elter, Claus; Noll, Gerhard; Schoening, Josef; Schwiers, Hans-Georg; and Stracke, Wilfried, 4,543,232, Cl. 376-289.000.

Hochuli, Erich, to Hoffmann-La Roche Inc. Purification of interferon by metal chelate chromatography. 4,551,271, 11-5-85, Cl. 260-112.00R.

Hock, Allan G.: *See—*
Cooke, Theodore M.; Lin, Robert A.; Whitfield, Richard G.; and Hock, Allan G., 4,537,631, Cl. 106-22.000.

Hockemeyer, Friedrich; and Preiner, Gerhard, to Wacker-Chemie GmbH. Organopolysiloxanes containing both acryloxyalkyl groups and Si-bonded hydrogen atoms in the same molecule. 4,554,339, 11-19-85, Cl. 528-26.000.

Hockensmith, John L.: *See—*
Grove, John L.; Hockensmith, John L.; and Coffman, Allen B., 4,534,575, Cl. 280-6.110.

Hocker, Jurgen; Muller, Hans K.; and Broich, Bruno, to Bayer Aktiengesellschaft. Particulate doped polyacetylene. 4,519,939, 5-28-85, Cl. 252-500.000.

Hockett, Wayne B. Universal abrasive cleaning apparatus. 4,545,156, 10-8-85, Cl. 51-410.000.

Hockmuth, Richard L., to Petroleum Meter & Pump Co., Inc. Differential summing mechanism. 4,509,390, 4-9-85, Cl. 74-705.000.

Hockmuth, Richard L.: *See—*
McGee, Thomas G.; and Hockmuth, Richard L., 4,507,548, Cl. 235-94.00R.

Hoda, Syed N.; and Olszewski, Anthony R., to Corning Glass Works. Synthetic mica products. 4,559,264, 12-17-85, Cl. 428-324.000.

Hodac, Francoise: *See—*
Bondiou, Jean-Claude; Hodac, Francoise; and Legroux, Didier, 4,546,185, Cl. 546-133.000.

Hodaka Kogyo K.K.: *See—*
Okamura, Shigeo; Sato, Yoshihiro; and Takahashi, Kenji, 4,530,140, Cl. 29-110.000.

Hodakowski, Leonard E.; and Ayad, Hafez M., to Union Carbide Corporation. Phosphorous esters of cyanohydrins. 4,496,493, 1-29-85, Cl. 260-940.000.

Hoddie Corporation, Inc., The: *See—*
Krause, Glenn C.; and Blounts, Joseph, 4,511,063, Cl. 222-75.000.

Hodek, Robert B.; and Seiner, Jerome A., to PPG Industries, Inc. Property enhancement of anionically polymerized nylon with dual initiators. 4,501,821, 2-26-85, Cl. 502-155.000.

Hodek, Robert B.; and Seiner, Jerome A., to PPG Industries, Inc. Process for the preparation of a catalyst useful for anionic lactam polymerization. 4,508,646, 4-2-85, Cl. 260-239.30R.

Hodel, Alfred; Merkes, Dennis B.; and Chari, Venu, to NCR Corporation. Data communications system to system adapter. 4,562,533, 12-31-85, Cl. 364-200.000.

Hodes, David S.; Leidy, Grace; Sprunt, Katherine; and Weldy, Piper. Preparation of an antibiotic selectively effective against staphylococcus infections. 4,513,083, 4-23-85, Cl. 435-68.000.

Hodes, Erich; Lippok, Peter; and Miotk, Bernd, to Glyco-Metall-Werke Daelen & Loos GmbH. Multi-layer plain bearing. 4,562,122, 12-31-85, Cl. 428-644.000.

Hodes, Erich: *See—*
Wegner, Karl-Heinz; Hodes, Erich; and Mann, Horst, 4,540,630, Cl. 428-408.000.

Hodgdon, Russell B.; and Waite, Warren A., to Ionics, Incorporated. Ion-exchange membranes reinforced with non-woven carbon fibers. 4,505,797, 3-19-85, Cl. 204-252.000.

Hodge, Allan M. Standardized sampling hay probe. 4,516,438, 5-14-85, Cl. 73-864.440.

Hodge, Allan M. Solid waste receptacle security system. 4,520,945, 6-4-85, Cl. 220-315.000.

Hodge, David H.: *See—*
Mitchell, Terry L.; and Hodge, David H., 4,511,198, Cl. 339-34.000.

Hodge, James D., to General Electric Company. Mullite-beta spodumene composite ceramic. 4,526,876, 7-2-85, Cl. 501-128.000.

Hodge, James D., to General Electric Company. Mullite-cordierite composite ceramic and method for preparation. 4,528,275, 7-9-85, Cl. 501-9.000.

Hodge, John G., to Boeing Company, The. Fluid container safety valve. 4,557,401, 12-10-85, Cl. 222-211.000.

Hodge, Malcolm H., to TRW Inc. Optic fiber coupling guide, method of making the same and method of use. 4,506,946, 3-26-85, Cl. 350-96.210.

Hodge, Michaela W.; and Hodge, Robert J. Indexing overlay for video display devices. 4,559,705, 12-24-85, Cl. 33-1.00B.

Hodge, Philo B.: *See—*
Hottenrott, Hans G.; Hodge, Philo B.; and Cochran, Thomas J., 4,518,910, Cl. 324-158.00P.

Hodge, Raymond P., to Ram Corporation. Chin operated shield and welding hood. 4,539,713, 9-10-85, Cl. 2-8.000.

Hodge, Robert G.: *See—*
Williams, Benjamin J., Jr.; and Hodge, Robert G., 4,504,281, Cl. 48-195.000.

Hodge, Robert J.: *See—*
Hodge, Michaela W.; and Hodge, Robert J., 4,559,705, Cl. 33-1.00B.

Hodges, Brian A., to Verbatim Corporation. Write protection device. 4,549,240, 10-22-85, Cl. 360-133.000.

Hodges, David R.: *See—*
Grzelka, Andrew; Hodges, David R.; and Ruckdeschel, Lawrence M., 4,505,616, Cl. 405-198.000.
Grzelka, Andrew; and Hodges, David R., 4,538,938, Cl. 405-198.000.

- Hodges, Donald R.; and Sherwood, William G., to Amax Inc. Method for electroforming metal slugs and reusable integrated cathode unit. 4,517,058, 5-14-85, Cl. 204-4.000.
- Hodges, Everett L. Apparatus and method for hydraulically mining unconsolidated subterranean mineral formations. 4,508,389, 4-2-85, Cl. 299-17.000.
- Hodges, Jimmie R.: *See*—
  - Grier, Jesse G.; and Hodges, Jimmie R., 4,525,483, Cl. 521-28.000.
- Hodges, John B.: *See*—
  - Morgan, Paul W.; Ellwood, Thomas J.; Amlani, Kish D.; and Hodges, John B., 4,555,955, Cl. 73-862.060.
- Hodges, Michael J.; and Scanes, Malcolm K., to Detexomat Machinery Ltd. Method and apparatus for transferring hosiery between hosiery manufacturing machines. 4,550,868, 11-5-85, Cl. 223-43.000.
- Hodges, Thomas J.: *See*—
  - Eitel, Frederick G.; and Hodges, Thomas J., 4,492,431, Cl. 350-310.000.
- Hodgin, John B.: *See*—
  - Conklin, Delano M.; Hodgin, John B.; and Illman, Walter F., 4,540,610, Cl. 427-434.500.
- Hodgkins, Charles E.; Rose, Daniel C.; and Coller, Dana L., to TAM Ceramics, Inc. Low firing ceramic dielectric for temperature compensating capacitors. 4,506,026, 3-19-85, Cl. 501-135.000.
- Hodgkins, Charles E.: *See*—
  - Chu, Mike S. H.; Hodgkins, Charles E.; and Rose, Daniel C., 4,540,676, Cl. 501-138.000.
- Hodgkins, David, to Stanadyne, Inc. Fuel conditioner. 4,491,120, 1-1-85, Cl. 123-557.000.
- Hodgkins, Harold M.: *See*—
  - Weiner, Andrew; and Hodgkins, Harold M., 4,541,190, Cl. 40-610.000.
- Hodgman, John R.; and Weil, Jack M. Aircraft engine accessory unit drive. 4,546,865, 10-15-85, Cl. 192-84.00C.
- Hodgson, Darel E.; and Krumme, John F. Artificial sphincter including a shape memory member. 4,556,050, 12-3-85, Cl. 128-1.00R.
- Hodgson, Darel E.: *See*—
  - Krumme, John F.; and Hodgson, Darel E., 4,550,870, Cl. 227-19.000.
- Hodgson, Donald E. Combination tool. 4,519,108, 5-28-85, Cl. 7-167.000.
- Hodgson, Kenneth J.: *See*—
  - Inculet, Ion I.; and Hodgson, Kenneth J., 4,509,694, Cl. 239-697.000.
- Hodgson, Philip K. G.: *See*—
  - Bretherick, Leslie; and Hodgson, Philip K. G., 4,497,717, Cl. 252-8.55D.
- Hodgson, Phillip K. G., to British Petroleum Company p.l.c., The. Compositions for use in oil recovery and method of use. 4,501,673, 2-26-85, Cl. 252-8.55D.
- Hodgson, R. W. Positioning apparatus for positioning a workpiece relative to a frame of reference. 4,509,834, 4-9-85, Cl. 350-521.000.
- Hodgson, Rodney T.: *See*—
  - Binnig, Gerd K.; Feenstra, Randall M.; Hodgson, Rodney T.; Rohrer, Heinrich; and Woodall, Jerry M., 4,550,257, Cl. 250-492.200.
- Hodgson, Thomas D.; and Foot, William R., to United Kingdom Atomic Energy Authority. Agitator apparatus. 4,521,400, 6-4-85, Cl. 423-658.500.
- Hodgson, Thomas D., to United Kingdom Atomic Energy Authority. Nuclear fuel cartridge, and a method of preparing the cartridge for the extraction of nuclear material therefrom. 4,557,861, 12-10-85, Cl. 252-627.000.
- Hodgson, Victor F.: *See*—
  - Walker, Brian J.; and Hodgson, Victor F., 4,495,013, Cl. 156-79.000.
- Hodnett, William P., III, to Martin Processing, Inc. Radiation curable coating for film structure. 4,557,980, 12-10-85, Cl. 428-336.000.
- Hodogaya Chemical Co., Ltd.: *See*—
  - Gonda, Michihiro; Kitsukawa, Katsumasa; Suzuka, Susumu; Kanasugi, Mikiko; Sato, Yutaka; and Otomo, Kikuo, 4,550,329, Cl. 346-214.000.
  - Kaneko, Kazuo; Gonda, Michihiro; Suzuka, Susumu; and Kitsukawa, Katsumasa, 4,539,577, Cl. 346-207.000.
  - Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.
  - Okazaki, Hideo; Imagome, Hiroshi; Suzuka, Susumu; and Sakai, Kiyoshi, 4,521,605, Cl. 548-440.000.
  - Shimada, Shigeru; Kuroda, Akira; Tomiuga, Junichi; and Ishikawa, Shinzi, 4,507,430, Cl. 524-839.000.
  - Yamaguchi, Masahiko; Gonda, Michihiro; Satoh, Yutaka; and Kanasugi, Mikiko, 4,510,513, Cl. 346-214.000.
  - Yamaguchi, Toyohiko; Kashima, Koichi; Ozutsumi, Minoru; and Morinaga, Masaru, 4,504,651, Cl. 528-360.000.
- Hodson, Harry. Method and apparatus for producing a colloidal mixture. 4,552,463, 11-12-85, Cl. 366-295.000.
- Hodson, Price R.: *See*—
  - Haake, Paul F.; and Hodson, Price R., 4,548,076, Cl. 73-202.000.
- Hoe, Dennis L.: *See*—
  - Lowenhaupt, E. Harris; Litz, John E.; and Hoe, Dennis L., 4,541,868, Cl. 75-101.00R.
- Hoeberechts, Arthur M. E.: *See*—
  - Shannon, John M.; Hoeberechts, Arthur M. E.; and Van Gorkom, Gerardus G. P., 4,516,146, Cl. 357-52.000.
  - van Gorkom, Gerardus G. P.; and Hoeberechts, Arthur M. E., 4,554,564, Cl. 346-161.000.
- Hoechst Aktiengesellschaft: *See*—
  - Andrae, Klaus; and Hutschenreuter, Elfriede, 4,550,042, Cl. 428-36.000.
  - Andrae, Klaus; Bytzek, Max; Hutschenreuter, Elfried; and Lang, Hans U., 4,556,708, Cl. 536-57.000.
  - Andrae, Klaus; Hutschenreuter, Elfriede; and Besier, Horst-Erich, 4,562,101, Cl. 428-36.000.
  - Arndt, Otto; and Papenfuhs, Theodor, 4,540,832, Cl. 568-711.000.
  - Arndt, Otto; Papenfuhs, Theodor; and Tronich, Wolfgang, 4,552,970, Cl. 548-543.000.
  - Arpe, Hans-Jurgen; and Litterer, Heinz, 4,554,380, Cl. 564-424.000.
  - Auer, Eberhard; Gehrmann, Klaus; Ohorodnik, Alexander; and Rosenthal, Johannes, 4,549,995, Cl. 260-973.000.
  - Back, Gunter, 4,533,239, Cl. 355-72.000.
  - Baltes, Herbert; Litterer, Heinz; Leupold, Ernst I.; and Wunder, Friedrich, 4,522,800, Cl. 423-329.000.
  - Beck, Gerhard; Bartmann, Wilhelm; Knolle, Jochen; and Rupp, Richard H., 4,548,936, Cl. 514-422.000.
  - Becker, Reinhold; and Michel, Wolfgang, 4,505,003, Cl. 17-41.000.
  - Becker, Reinhold; and Sattler, Helmut, 4,527,505, Cl. 118-34.000.
  - Berghaeuser, Gunter; Schell, Loni; and Frass, Werner, 4,530,897, Cl. 430-302.000.
  - Berthold, Rudiger, 4,504,424, Cl. 260-513.600.
  - Berthold, Rudiger, 4,515,940, Cl. 534-565.000.
  - Billenstein, Siegfried; Hartung, Herbert; May, Adolf; and Bucking, Hans-Walter, 4,515,723, Cl. 260-404.500.
  - Bingmann, Horst, 4,508,904, Cl. 546-196.000.
  - Blumbach, Jurgen; and Schindler, Peter, 4,535,156, Cl. 544-26.000.
  - Bouchee, Bernhard, 4,560,535, Cl. 422-102.000.
  - Brechlin, Alfred, 4,492,747, Cl. 430-96.000.
  - Brechlin, Alfred, 4,548,885, Cl. 430-49.000.
  - Bredereck, Karl; and Togelang, Emy, 4,491,661, Cl. 536-84.000.
  - Bungert, Theodor, 4,536,104, Cl. 406-183.000.
  - Bungert, Theodor, 4,536,105, Cl. 406-183.000.
  - Busch, Wolfram; Brandrup, Johannes; and Fleischer, Dietrich, 4,562,224, Cl. 524-519.000.
  - Cargnino, Francesco; Natoli, Giuseppe; and Lorke, Horst, 4,533,479, Cl. 252-34.000.
  - Cherdron, Harald; Gordon, Wolfgang; and Kloos, Friedrich, 4,493,751, Cl. 162-157.200.
  - Crass, Gunther; Janocha, Siegfried; Dietz, Wolfgang; and Bothe, Lothar, 4,502,263, Cl. 53-396.000.
  - Damman, Ben; Drijver, Jan; Kinneging, Hans; Scheffer, Hans; Stam, Jaap; and de Witte, Paul, 4,501,639, Cl. 159-48.100.
  - Damman, Ben; Scheffer, Hans; de Witte, Paul; Krause, Johannes; Haas, Hans; and Kowalski, Werner, 4,534,946, Cl. 423-315.000.
  - Diery, Helmut; and Mees, Bernhard, 4,500,735, Cl. 564-286.000.
  - Doessel, Karl-Friedrich, 4,525,444, Cl. 430-96.000.
  - Donges, Reinhard; and Horn, Klaus, 4,530,747, Cl. 204-159.160.
  - Dopfer, Peter; Ostermeier, Johann; and Schwerin, Siegfried, 4,515,639, Cl. 106-288.00Q.
  - Ehmann, Werner; Homanner, Alfons; and Rinno, Helmut, 4,544,689, Cl. 524-52.000.
  - Ehrhardt, Heinz; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, 4,495,191, Cl. 514-383.000.
  - Engelmann, Manfred; Plewan, Otto; Kraus, Helmut; and Klippert, Heinz, 4,546,135, Cl. 524-158.000.
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,431, Cl. 127-37.000.
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,432, Cl. 127-37.000.
  - Erdmann, Fritz; and Simon, Ulrich, 4,555,469, Cl. 430-168.000.
  - Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,543,217, Cl. 260-544.00A.
  - Erpenbach, Heinz; Gehrmann, Klaus; Horstermann, Peter; Kubbeler, Hans-Klaus; and Kohl, Georg, 4,549,937, Cl. 203-40.000.
  - Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,556,644, Cl. 502-33.000.
  - Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,557,760, Cl. 75-121.000.
  - Esser, Karl; Stahl, Ulf; Tudzynski, Paul; and Kuck, Ulrich, 4,492,758, Cl. 435-317.000.
  - Esser, Karl; and Minuth, Walter, 4,506,014, Cl. 435-172.300.
  - Felcht, Utz-Hellmuth; and Buchberger, Gerhard, 4,550,161, Cl. 536-90.000.
  - Fester, Walter; Huber, Bernd; and Wappes, Lieselotte, 4,507,257, Cl. 264-78.000.
  - Fester, Walter; and Huber, Bernd, 4,524,041, Cl. 264-182.000.
  - Fester, Walter; and Huber, Bernd, 4,536,363, Cl. 264-182.000.
  - Finke, Manfred; and Mundnich, Rainer, 4,521,348, Cl. 260-940.000.
  - Finke, Manfred; Rupp, Walter; and Weiss, Erwin, 4,526,728, Cl. 260-502.50R.
  - Fischer, Edgar; and Sittig, Wolfgang, 4,491,549, Cl. 261-36.00R.
  - Fischer, Edgar; and Schlingmann, Merten, 4,562,252, Cl. 536-114.000.
  - Franke, Werner, 4,562,134, Cl. 430-83.000.
  - Fuchs, Hermann; and Filzinger, Klaus, 4,534,908, Cl. 260-458.00C.
  - Fuhge, Peter; Braun, Konrad; and Becker, Udo, 4,510,126, Cl. 424-3.000.
  - Fulberth, Werner; Sickmuller, Alfred; and Stammberger, Willi, 4,552,771, Cl. 426-548.000.
  - Gebauer, Gerhard, 4,546,141, Cl. 524-401.000.
  - Gehrmann, Klaus; Ohorodnik, Alexander; Rosenthal, Johannes; and Schafer, Stefan, 4,518,538, Cl. 260-543.00P.
  - Gehrmann, Klaus; Ohorodnik, Alexander; and Rosenthal, Johannes, 4,560,518, Cl. 260-970.000.

Geissler, Ulrich; Herwig, Walter; and Fetsch, Elisabeth, 4,495,271, Cl. 430-277.000.
Geissler, Ulrich; Herwig, Walter; and Sikora, Helga, 4,559,292, Cl. 430-256.000.
Giller, Arnold; and Weil, Joachim, 4,542,186, Cl. 525-138.000.
Glander, Siegfried, 4,491,995, Cl. 8-158.000.
Gleixner, Klaus, 4,542,011, Cl. 424-16.000.
Gradl, Reinhard; and Schimmel, Gunther, 4,540,557, Cl. 423-321.00R.
Gradl, Reinhard; Stephan, Hans-Werner; Heymer, Gero; and Schimmel, Gunther, 4,540,558, Cl. 423-321.00R.
Gradl, Reinhard; and Roszinski, Hilmar, 4,556,548, Cl. 423-321.00S.
Graetz, Reinhard; and Korneli, Julius W., deceased, 4,498,282, Cl. 57-218.000.
Grossmann, Max; and Helwerth, Rainer, 4,539,128, Cl. 252-49.300.
Hahnke, Manfred; Mohr, Reinhard; and Hohmann, Kurt, 4,557,732, Cl. 8-538.000.
Hahnle, Reinhard; and Grewer, Theodor, 4,552,699, Cl. 260-404.500.
Hammer, Klaus-Dieter; and Winter, Hermann, 4,529,634, Cl. 428-36.000.
Hammer, Klaus-Dieter; Winter, Hermann; Kindl, Erwin; and Luchterhand, Heinz, 4,543,282, Cl. 428-36.000.
Hammerschmidt, Peter; and Crass, Gunther, 4,525,416, Cl. 428-220.000.
Heck, Gunter; Lienerth, Aladar; Malow, Egon; Schwarz, Karl-Heinz; and Faust, Uwe, 4,511,437, Cl. 203-19.000.
Heier, Karl H.; Bohm, Roland; and Hobes, John V., 4,556,499, Cl. 252-51.50A.
Heinrich, Karl; Heichlinger, Norbert, and Donig, Adolf, 4,559,772, Cl. 57-247.000.
Heiss, Lorenz, 4,492,657, Cl. 260-453.700.
Heiss, Lorenz, 4,508,903, Cl. 548-156.000.
Heiss, Lorenz, 4,519,953, Cl. 260-465.00H.
Hemels, Martinus H.; and Schuren, Gerardus W., 4,503,115, Cl. 428-281.000.
Henning, Rainer; Urbach, Hansjorg; Geiger, Rolf; Teetz, Volker; and Scholkens, Bernward, 4,515,803, Cl. 514-338.000.
Henning, Rainer; and Urbach, Hansjorg, 4,525,301, Cl. 260-112.50R.
Hermann, Hans D.; and Hutten, Ulrich M., 4,499,236, Cl. 525-58.000.
Hermann, Hans D.; Fabian, Klaus; and Ebigt, Joachim, 4,533,601, Cl. 428-437.000.
Hermann, Hans D.; and Fabian, Klaus, 4,537,830, Cl. 428-437.000.
Herrmann, Heinz; and Schlosser, Hans-Joachim, 4,497,886, Cl. 430-115.000.
Herrmann, Heinz; and Schlosser, Hans-Joachim, 4,526,852, Cl. 430-115.000.
Hertenstein, Ulrich; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, 4,536,509, Cl. 514-383.000.
Hesse, Wolfgang; Sattelmeyer, Richard; and Schunck, Erich, 4,507,419, Cl. 524-327.000.
Hinze, Heinz-Joachim; Soder, Alfons; and Popendiker, Kurt, 4,515,795, Cl. 514-263.000.
Hitzel, Volker; Weyer, Rudi; Geisen, Karl; and Ritzel, Harald, 4,542,127, Cl. 514-161.000.
Hitzel, Volker; Weyer, Rudi; Giesen, Karl; and Ritzel, Harald, 4,542,139, Cl. 514-312.000.
Hoheisel, Klaus, 4,505,982, Cl. 428-421.000.
Horlein, Gerhard; Schonowsky, Hubert; Bieringer, Hermann; and Langeluddeke, Peter, 4,493,731, Cl. 71-118.000.
Horoldt, Ernst; Kraft, Kurt; and Ritz, Jurgen, 4,497,915, Cl. 523-156.000.
Hoyer, Ernst; Kohlhaas, Folker; and Meininger, Fritz, 4,492,654, Cl. 534-827.000.
Huber, Gerhard; and Schindler, Peter, 4,529,545, Cl. 260-245.20T.
Hultzsch, Kurt; and Rudolphy, Albert, 4,506,059, Cl. 525-134.000.
Hunger, Klaus; and Pesenacker, Manfred, 4,504,416, Cl. 534-742.000.
Hunger, Klaus, 4,555,568, Cl. 534-801.000.
Hutschenreuter, Elfriede; Andrae, Klaus; and Heyse, Klaus, 4,528,225, Cl. 428-36.000.
Idstein, Hermann, 4,493,123, Cl. 15-4.000.
Jodden, Klaus; Heymer, Gero; and Stephan, Hans-Werner, 4,517,163, Cl. 423-75.000.
Kaminsky, Walter; Hahnsen, Heinrich; Kulper, Klaus; and Woldt, Rudiger, 4,542,199, Cl. 526-160.000.
Kaminsky, Walter; and Hahnsen, Heinrich, 4,544,762, Cl. 556-179.000.
Kastl, Erna; Ludwig, Klenk; and Faust, Horst, 4,546,023, Cl. 428-36.000.
Klein, Joachim; Widdecke, Hartmut; Doscher, Frank; and Pohl, Fritz, 4,522,952, Cl. 521-31.000.
Kleiner, Hans-Jerg; and Dursch, Walter, 4,493,803, Cl. 260-968.000.
Kleiner, Hans-Jerg, 4,521,346, Cl. 260-543.00P.
Kleiner, Hans-Jerg, 4,521,347, Cl. 260-543.00P.
Kleiner, Hans-Jerg; and Dursch, Walter, 4,548,762, Cl. 260-543.00P.
Knop, Jurgen; Sedlacek, Hans-Harald; and Seiler, Friedrich R., 4,510,129, Cl. 424-86.000.
Koch, Manfred; and Maier, Thomas, 4,550,174, Cl. 548-306.000.
Koch, Manfred; and Herbrechtsmeier, Peter, 4,552,977, Cl. 562-435.000.
Konz, Elmar; and Kruse, Hansjorg, 4,547,508, Cl. 514-307.000.
Kornrumpf, Wolfgang; Perplies, Eberhard; Hilbig, Josef; and Felcht, Utz-Hellmuth, 4,501,887, Cl. 536-84.000.
Kraft, Kurt; Walz, Gerd; and Wirth, Thaddaus, 4,542,192, Cl. 525-438.000.
Kuch, Heinz; and Kruse, Hansjorg, 4,542,148, Cl. 514-418.000.
Kuxdorf, Bernhard; Luhr, Peter; Werner, Hugo; Thummler, Ursus; and Dorn, Friedrich-Wilhelm, 4,525,329, Cl. 422-202.000.
Leistner, Gerhard; Muller, Gerhard; Sell, Gunther; and Bauer, Alexander, 4,517,093, Cl. 210-629.000.
Lind, Erwin, 4,528,256, Cl. 430-83.000.
Maurer, Alexander; and Staendeke, Horst, 4,515,632, Cl. 106-18.160.
Mauz, Otto; Sauber, Klaus; and Noetzel, Siegfried, 4,542,069, Cl. 428-402.000.
Mayer, Gunter; Fischer, Eberhard; and Strametz, Helmut, 4,529,795, Cl. 528-501.000.
Meininger, Fritz; Otten, Joachim W., deceased; Otten, Ursula, heir; and Rudolph nee Otten, Anna G., heir, 4,515,598, Cl. 8-549.000.
Merkel, Wulf; Bormann, Dieter; and Muschaweck, Roman, 4,492,710, Cl. 424-274.000.
Merkenich, Karl; Wasel-Nielen, Horst-Dieter; Maurer, Alexander; and Adrian, Renate, 4,517,109, Cl. 252-135.000.
Millauer, Hans; Siegemund, Gunter; and Schwertfeger, Werner, 4,524,031, Cl. 260-456.00F.
Mohr, Dieter; and Reiss, Kurt, 4,510,227, Cl. 430-175.000.
Mohr, Dieter, 4,554,057, Cl. 204-29.000.
Mohr, Dieter, 4,554,216, Cl. 428-469.000.
Mondt, Josef; and Wirth, Thaddaus, 4,522,972, Cl. 524-548.000.
Monzer, Helmut, 4,560,277, Cl. 356-357.000.
Moraw, Roland; Unger, Manfred; and Walter, Helmut, 4,560,426, Cl. 156-64.000.
Moser, Hermann, 4,540,267, Cl. 355-3.0FU.
Muller, Thomas; and Siegemund, Gunter, 4,547,483, Cl. 502-226.000.
Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, 4,531,969, Cl. 71-108.000.
Nestler, Hans J., 4,547,583, Cl. 560-061.000.
Neu, Hermann; and Roscher, Gunter, 4,502,993, Cl. 260-415.000.
Neumaier, Hubert, 4,536,351, Cl. 260-543.00P.
Neumann, Wolfgang; Hendriock, Hans-Jurgen; and Fitz, Herbert, 4,556,589, Cl. 428-35.000.
Ong, Sienling, 4,504,272, Cl. 8-543.000.
Ong, Sienling; Karsunky, Ulrich; and Schmidt, Helmut, 4,523,922, Cl. 8-471.000.
Ott, Karl-Erich; and Behrens, Thomas, 4,552,461, Cl. 366-279.000.
Papenfuhs, Theodor; and Volk, Heinrich, 4,521,617, Cl. 562-467.000.
Papenfuhs, Theodor; and Hintzmann, Manfred, 4,540,815, Cl. 564-216.000.
Perplies, Eberhard; and Felcht, Utz H., 4,526,961, Cl. 536-98.000.
Pieper, Werner; and Krause, Werner, 4,507,249, Cl. 260-502.40R.
Pieper, Werner, 4,529,559, Cl. 260-502.40R.
Pietzarka, Wilhelm F.; Malten, Albrecht; and Strauss, Georg, 4,508,666, Cl. 264-12.000.
Pistorius, Rudolf, 4,518,537, Cl. 260-504.00R.
Pistorius, Rudolf, 4,557,873, Cl. 260-513.00R.
Pliefke, Engelbert; and Usbeck, Gerhard, 4,492,616, Cl. 204-33.000.
Pliefke, Engelbert, 4,549,944, Cl. 204-129.100.
Prave, Paul; and Sittig, Wolfgang, 4,545,945, Cl. 261-36.00R.
Rehm, Karl; and Nestler, Hans J., 4,532,346, Cl. 562-471.000.
Reichert, Gunter; Mainzer, Franz; Lehmann, Kurt; and Niermann, Hermann, 4,520,631, Cl. 62-188.000.
Reinecke, Rolf; Rinno, Helmut; and Schultz, Gerhart, 4,558,092, Cl. 524-817.000.
Reinhardt, Friedrich, 4,502,867, Cl. 8-557.000.
Reske, Eckart; and Wolters, Ernst, 4,517,319, Cl. 523-200.000.
Rewitzer, Siegfried, 4,526,094, Cl. 100-35.000.
Rewitzer, Siegfried, 4,526,095, Cl. 100-39.000.
Rieck, Hans-Peter; and Kalz, Hans-Jurgen, 4,528,172, Cl. 423-329.000.
Ritschel, Werner; Diery, Helmut; and Hille, Martin, 4,536,339, Cl. 260-404.500.
Romeike, Arno; Regner, Richard; and Weinheimer, Alois, 4,547,932, Cl. 17-45.000.
Rosch, Gunter; and Sauer, Gerhard, 4,539,007, Cl. 8-111.000.
Rosner, Manfred; Urbanietz, Josef; Loewe, Heinz; Duwel, Dieter; and Kirsch, Reinhard, 4,504,490, Cl. 514-483.000.
Ross, Barry C.; Johnson, Graham; and Yeomans, Michael A., 4,510,086, Cl. 260-239.00A.
Rottgen, Karl; Stendel, Joachim; and Diskowski, Herbert, 4,537,756, Cl. 423-323.000.
Ruckert, Hans; Buhr, Gerhard; and Steppan, Hartmut, 4,506,003, Cl. 430-270.000.
Ruckert, Hans, 4,506,006, Cl. 430-325.000.
Rudolphy, Albert, 4,528,036, Cl. 106-30.000.
Rudolphy, Albert; and Werner, Gerhard, 4,552,592, Cl. 106-30.000.
Schaedlich, Gunther; and Moraw, Roland, 4,551,406, Cl. 430-119.000.
Scharf, Udo; and Schlingmann, Merten, 4,530,785, Cl. 260-112.00R.
Scheler, Siegfried, 4,492,749, Cl. 430-180.000.
Scheler, Siegfried, 4,540,648, Cl. 430-172.000.
Schimmel, Gunther; Krause, Werner; and Gradl, Reinhard, 4,503,016, Cl. 423-24.000.
Schimmel, Gunther; Heymer, Gero; Krause, Werner; and Pieper, Werner, 4,525,333, Cl. 423-112.000.

Schimmel, Gunther; Gradl, Reinhard; and Heymer, Gero, 4,539,192, Cl. 423-321.00R.
Schmidt, Hans-Joachim; and Arpe, Hans-Jurgen, 4,501,917, Cl. 560-187.000.
Schneider, Manfred; Deubel, Reinhold; and Zimmermann, Manfred, 4,543,380, Cl. 524-159.000.
Schoen, Klaus-Peter, 4,491,313, Cl. 271-194.000.
Schoen, Klaus-Peter, 4,503,805, Cl. 118-649.000.
Schonberger, Norbert; Schinzel, Erich; Martini, Thomas; and Rosch, Gunter, 4,508,900, Cl. 546-99.000.
Schrodter, Klaus; and Maurer, Alexander, 4,511,546, Cl. 423-305.000.
Schuchardt, Kurt; Scholz, Harald; Neuss, Hans W.; and Pech, Georg, 4,552,727, Cl. 422-241.000.
Schuster, Claus; and Homuth, Horst, 4,527,993, Cl. 8-471.000.
Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, 4,500,450, Cl. 260-112.00R.
Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, 4,526,717, Cl. 260-112.50R.
Siegemund, Gunter; and Schwertfeger, Werner, 4,532,366, Cl. 568-615.000.
Simon, Ulrich; and Beutel, Rainer, 4,530,895, Cl. 430-145.000.
Sommer, Karl; and Armbrecht, Norbert, 4,492,653, Cl. 534-796.000.
Sommer, Karl; and Schickfluss, Rudolf, 4,540,816, Cl. 564-218.000.
Spietschka, Ernst; and Urban, Manfred, 4,496,731, Cl. 546-37.000.
Spietschka, Ernst; and Troster, Helmut, 4,501,906, Cl. 549-232.000.
Staendeke, Horst; Dany, Franz-Josef; and Kandler, Joachim, 4,505,849, Cl. 252-609.000.
Staendeke, Horst; Dany, Franz-Josef; and Kandler, Joachim, 4,514,328, Cl. 252-609.000.
Stahlhofen, Paul, 4,517,275, Cl. 430-165.000.
Stahlhofen, Paul, 4,560,636, Cl. 430-165.000.
Stuhler, Herbert; and Krempl, Engelbert, 4,521,595, Cl. 536-127.000.
Stuhler, Herbert, 4,551,561, Cl. 568-619.000.
Stuhler, Herbert, 4,562,007, Cl. 260-410.600.
Teetz, Volker, 4,515,960, Cl. 548-408.000.
Teetz, Volker; Urbach, Hansjorg; and Becker, Reinhard, 4,558,064, Cl. 514-409.000.
Thoese, Klaus, 4,500,598, Cl. 428-331.000.
Thoese, Klaus, 4,543,285, Cl. 428-201.000.
Thoese, Klaus, 4,543,316, Cl. 430-162.000.
Timpl, Rupert; Brocks, Dietrich; Neubauer, Horst; and Strecker, Helmut, 4,504,587, Cl. 436-538.000.
Urbach, Hansjorg; Henning, Rainer; and Becker, Reinhard, 4,558,065, Cl. 514-412.000.
Urbach, Hansjorg; Henning, Rainer; Teetz, Volker; Wissmann, Hans; and Becker, Reinhard, 4,562,202, Cl. 514-423.000.
Vogt, Wilhelm; Glaser, Hermann; and Jagers, Erhard, 4,497,747, Cl. 260-546.000.
Vogt, Wilhelm; Jagers, Erhard; and Glaser, Hermann, 4,529,560, Cl. 260-546.000.
Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, 4,504,670, Cl. 549-347.000.
von der Eltz, Hans-Ulrich; and Oppitz, Peter, 4,546,624, Cl. 68-13.00R.
Walch, Axel; Seifried, Walter; Michel, Wolfgang; Kuhls, Jurgen; and Wildhardt, Jurgen, 4,499,211, Cl. 521-145.000.
Walch, Axel; Seifried, Walter; Michel, Wolfgang; Kuhls, Jurgen; and Wildhardt, Juergen, 4,524,155, Cl. 521-64.000.
Walch, Axel; Seifried, Walter; Michel, Wolfgang; Kuhls, Jurgen; and Wildhardt, Jurgen, 4,557,955, Cl. 428-35.000.
Weferling, Norbert, 4,536,350, Cl. 260-543.00P.
Weil, Joachim; and Sattelmeyer, Richard, 4,546,143, Cl. 524-511.000.
Westermann, Lothar; Wasel-Nielen, Horst-Dieter; and Sorbe, Gunter, 4,502,892, Cl. 134-6.000.
Wiedemann, Wolfgang, 4,530,892, Cl. 430-78.000.
Wiezer, Hartmut; and Pfahler, Gerhard, 4,504,661, Cl. 544-198.000.
Wiezer, Hartmut, 4,526,966, Cl. 546-19.000.
Wiezer, Hartmut, 4,562,220, Cl. 524-95.000.
Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, 4,492,598, Cl. 71-93.000.
Winkelmann, Detlef, 4,512,658, Cl. 355-14.0SH.
Winkelmann, Detlef; and Padberg, Peter, 4,533,611, Cl. 430-49.000.
Wolter, Manfred; Dorn, Friedrich-Wilhelm; Heymer, Gero; and Stephan, Hans-Werner, 4,530,769, Cl. 210-769.000.
Wottka, Bernhard; and Weindl, Alfred, 4,551,294, Cl. 264-175.000.
Wykypiel, Werner; and Tronich, Wolfgang, 4,507,491, Cl. 560-020.000.
Zerfass, Karl C.; and Urban, Martin, 4,535,526, Cl. 29-469.500.
Zimmermann, Wolfgang; and Harreus, Albrecht, 4,542,178, Cl. 524-388.000.
Zimmerschied, Klaus; and Rinno, Helmut, 4,492,780, Cl. 524-45.000.

Hoechst CeramTec Ag: *See—*
  Heinrich, Juergen; Schelter, Heinrich; Schindler, Stefan; and Krauth, Axel, 4,526,635, Cl. 156-89.000.

Hoechst-Roussel Pharmaceuticals Inc.: *See—*
  Davis, Larry; and Klein, Joseph T., 4,524,209, Cl. 546-148.000.
  Davis, Larry; and Klein, Joseph T., 4,536,578, Cl. 544-360.000.
  Effland, Richard C.; Klein, Joseph T.; and Hamer, R. Richard L., 4,517,195, Cl. 514-413.000.
  Effland, Richard C.; and Klein, Joseph T., 4,546,105, Cl. 514-334.000.
  Effland, Richard C.; Davis, Larry; and Klein, Joseph T., 4,551,474, Cl. 514-309.000.
  Glamkowski, Edward J.; Jones, Michael C., deceased; and Jones, Herbert, administrator, 4,517,311, Cl. 514-462.000.
  Glamkowski, Edward J.; and Fortunato, James M., 4,532,333, Cl. 548-490.000.
  Klioze, Solomon S., 4,507,306, Cl. 514-291.000.
  Klioze, Solomon S., 4,544,745, Cl. 546-89.000.
  Kosley, Raymond W., Jr.; and Allen, Richard C., 4,518,713, Cl. 514-326.000.
  Kosley, Raymond W., Jr.; and Cherill, Robert J., 4,521,537, Cl. 514-302.000.
  Lee, George E.; and Lee, Thomas B. K., 4,496,732, Cl. 546-216.000.
  Martin, Lawrence L.; and Setescak, Linda L., 4,496,580, Cl. 514-443.000.
  Martin, Lawrence L.; Worm, Manfred; and Crichlow, Charles A., 4,504,680, Cl. 564-265.000.
  Martin, Lawrence L.; and Setescak, Linda L., 4,514,411, Cl. 514-215.000.
  Martin, Lawrence L.; and Setescak, Linda L., 4,515,946, Cl. 548-237.000.
  Martin, Lawrence L.; and Setescak, Linda L., 4,526,891, Cl. 514-253.000.
  Martin, Lawrence L.; and Setescak, Linda L., 4,560,701, Cl. 514-443.000.
  Ong, Helen H.; and Flynn, Matthew J., 4,496,582, Cl. 514-450.000.
  Ong, Helen H.; Anderson, Vernon B.; and Profitt, James A., 4,524,207, Cl. 546-17.000.
  Ong, Helen H.; and Profitt, James A., 4,528,399, Cl. 568-43.000.
  Ong, Helen H.; and Profitt, James A., 4,537,976, Cl. 549-54.000.
  Shutske, Gregory M., 4,504,669, Cl. 548-241.000.
  Strupczewski, Joseph T., 4,524,074, Cl. 514-321.000.
  Strupczewski, Joseph T., 4,528,292, Cl. 514-321.000.
  Strupczewski, Joseph T.; Gardner, Beth A.; and Allen, Richard C., 4,528,376, Cl. 546-198.000.
  Strupczewski, Joseph T., 4,558,056, Cl. 514-321.000.
  Tegeler, John J.; and Diamond, Craig J., 4,514,410, Cl. 514-221.000.
  Tegeler, John J.; and Diamond, Craig J., 4,544,753, Cl. 548-245.000.
  Tegeler, John J.; and Diamond, Craig J., 4,562,186, Cl. 514-238.000.
  Tegeler, John J.; and Diamond, Craig J., 4,562,187, Cl. 514-238.000.

Hoechst UK Limited: *See—*
  Ross, Barry C.; Johnson, Graham; and Yeomans, Michael A., 4,526,718, Cl. 260-239.00A.

Hoeck, Franz. Textile-fiber mixing chamber. 4,541,144, 9-17-85, Cl. 19-145.500.
Hoeck, Horst. Bottle sterilizer. 4,544,529, 10-1-85, Cl. 422-303.000.
Hoefelmayr, Tilman; and Maier, Jakob, to Biomelktechnik Hoefelmayr & Co. Apparatus for conveying milk using an underpressure. 4,499,854, 2-19-85, Cl. 119-14.320.
Hoefelmayr, Tilman, to Biomelktechnik Hoefelmayr & Co. Air inlet valve for admitting air to the milk drain conduit of a teat cup or collector piece. 4,558,843, 12-17-85, Cl. 251-61.000.
Hoefer, Peter S., to Hoefer Scientific Instruments. Vertical gel sandwich for use in electrophoresis and method therefor. 4,560,459, 12-24-85, Cl. 204-182.800.
Hoefer, Rainer; and Bartnick, Bernhard, to Henkel Kommanditgesellschaft auf Aktien. Use of bis-semiesters of sulfosuccinic acid with polyether diols based on ethylene oxide/propylene oxide or their salts as surface-active agents. 4,525,525, 6-25-85, Cl. 524-742.000.
Hoefer, Rainer; Schmid, Karl; Wegemund, Bernd; and Bartnick, Bernhard, to Henkel Kommanditgesellschaft auf Aktien. Mixed emulsifier for emulsion polymerization. 4,529,762, 7-16-85, Cl. 524-157.000.
Hoefer, Rainer; Meffert, Alfred; and Wegemund, Bernd, to Henkel Kommanditgesellschaft auf Aktien. Emulsifiers for emulsion polymerization. 4,549,002, 10-22-85, Cl. 526-209.000.

Hoefer Scientific Instruments: *See—*
  Hoefer, Peter S., 4,560,459, Cl. 204-182.800.

Hoeffken, Russell W., to Snyder General Corporation. Method of manufacturing a two-plate heat exchanger. 4,510,660, 4-16-85, Cl. 29-157.30D.
Hoeffken, Russell W.; and Wiese, John M., to Snyder General Corporation. Method for manufacturing a furnace heat exchanger and plate assembly. 4,538,338, 9-3-85, Cl. 29-509.000.
Hoeffken, Russell W., to Snyder General Corporation. Method of manufacturing a heat exchanger and plate assembly. 4,547,943, 10-22-85, Cl. 29-157.30R.

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  Mentrup, Anton; Renth, Ernst-Otto; Schromm, Kurt; Hoefke, Wolfgang; and Gaida, Wolfram, 4,539,323, Cl. 514-260.000.
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- Hoffman, Charles T., Jr., to General Motors Corporation. Disc brake shoe retainer assembly with insulation. 4,513,844, 4-30-85, Cl. 188-71.600.
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- Hoffman, David M.; Feher, John J.; and Farmer, Homer H., to R. T. Vanderbilt Company, Inc. Lubricating compositions containing 5,5′-dithiobis(1,3,4-thiadiazole-2-thiol). 4,517,103, 5-14-85, Cl. 252-28.000.
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- Hoffman, Michael A., to Becton, Dickinson and Company. Particle sorter with neutralized collection wells and method of using same. 4,538,733, 9-3-85, Cl. 209-3.100.
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- Hoffman, Michael K., to Plastic Profiles, Inc. Friction brake for a vertical sliding window. 4,551,881, 11-12-85, Cl. 16-199.000.
- Hoffman, Morris. Camera focusing means. 4,497,554, 2-5-85, Cl. 354-160.000.
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- Hoffman, Paul H., to Hoffman-Lewis, Ltd. Fuel vaporizer. 4,550,706, 11-5-85, Cl. 123-549.000.
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- Hoffman, Philip A., to Solid State Chargers Research and Development Limited Partnership. Current regulating circuit. 4,504,774, 3-12-85, Cl. 320-9.000.
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- Hoffman, Richard A., to Westinghouse Electric Corp. Protective coating means for articles such as gold-plated jewelry and wristwatch components. 4,517,217, 5-14-85, Cl. 428-632.000.

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- Hoffman, Stephen A.: *See*—
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- Hoffman, William F.; Lee, Ta-Jyh; Smith, Robert L.; and Willard, Alvin K., to Merck & Co., Inc. Antihypercholesterolemic compounds. 4,503,072, 3-5-85, Cl. 424-305.000.
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- Hoffman, William W.: *See*—
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- Hoffman, Wolfgang, to B & H Manufacturing Company, Inc. Container feed for labeling machine. 4,500,386, 2-19-85, Cl. 156-449.000.
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- Hoffmann, Armin: *See*—
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- Hoffmann, Dietrich; and Gotz, Udo, to Mauser-Werke Oberndorf GmbH. Projectile body with a rotating band of plastic. 4,558,646, 12-17-85, Cl. 102-527.000.
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  - Eberhardt, Wolfgang; Hoffmann, Dietrich; Kriechbaum, Karl; and Rohde, Erwin, 4,521,654, Cl. 200-146.00R.
  - Gleichauf, Winfried; Gunther, Oswin; Hoffmann, Dietrich; and Funke, Rolf, 4,532,868, Cl. 102-527.000.
  - Gotz, Udo; Gleichauf, Winfried; Gunther, Oswin; and Hoffmann, Dietrich, 4,519,117, Cl. 29-1.200.
- Hoffmann, Ernst H.; Arendt, Hans F.; Spiewok, Leonhard; and Rettich, Jakob. Method and apparatus for balancing of out-of-balance forces in centrifuges or combined washing machines-spin driers. 4,517,695, 5-21-85, Cl. 8-158.000.
- Hoffmann, Erwin; and Schneider, Josef, to Ford Motor Company. Manual transmission shifting mechanism. 4,527,442, 7-9-85, Cl. 74-411.500.
- Hoffmann, Frank F., to Florkey's Conveyor Service, Inc. Wear compensating link pin. 4,493,680, 1-15-85, Cl. 474-230.000.
- Hoffmann, George T. Robotic apparatus. 4,556,360, 12-3-85, Cl. 414-701.000.
- Hoffmann, Gerhard; Bronstert, Bernd; Hahn, Herbert; and Jun, Mong-Jon, to BASF Aktiengesellschaft. Photosensitive multi-layer material and preparation of adhesive layers employed therein. 4,547,454, 10-15-85, Cl. 430-271.000.
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  - Eilingsfeld, Heinz; Etzbach, Karl-Heinz; Hoffmann, Gerhard; and Neumann, Peter, 4,533,612, Cl. 430-59.000.
  - Graser, Fritz; Hoffmann, Gerhard; Leyrer, Reinhold J.; Neumann, Peter; and Patsch, Manfred, 4,517,270, Cl. 430-58.000.
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- Hoffmann, Gottfried, to Hauni-Werke Korber & Co. KG. Method and apparatus for forming rod-shaped articles of the tobacco processing industry. 4,556,071, 12-3-85, Cl. 131-84.400.
- Hoffmann, Hans-Josef: *See*—
  - Ozelli, Riza N.; Hoffmann, Hans-Josef; and Lippert, Hartmut, 4,535,121, Cl. 524-715.000.
- Hoffmann, Hans R.: *See*—
  - Gockel, Karl-Heinz; Anhauser, Dieter; Hoffmann, Hans R.; and Reinhold, Karl-Heinz, 4,524,095, Cl. 428-43.000.
- Hoffmann, Hanspeter. Protective helmet with securing collar. 4,553,270, 11-19-85, Cl. 2-421.000.
- Hoffmann, Heiner, to Ingeborg Niess Elektromedizinischee Apparate. Electrode structure for electric contactor. 4,556,065, 12-3-85, Cl. 128-639.000.
- Hoffmann, Horst, to Wilhelm Ruf KG. Multi-layer conductor plate and a method of making. 4,520,228, 5-28-85, Cl. 174-68.500.
- Hoffmann, Horst: *See*—
  - Linkert, Reinhold; Becker, Emil; and Hoffmann, Horst, 4,544,407, Cl. 75-130.00A.
- Hoffmann, Jurgen; Pradel, Gunter; and Reulecke, Fritz, to Sartorius GmbH. Tubular filter element with mated end caps. 4,536,291, 8-20-85, Cl. 210-457.000.
- Hoffmann, Jurgen: *See*—
  - Preis, Lothar; Hoffmann, Jurgen; and Rompf, Kurt, 4,526,492, Cl. 403-268.000.
- Hoffmann, Karl; Krulitsch, Dieter; and Schwartz, Helmut, to Seitz Enzinger Noll Maschinenbau Aktiengesellschaft. Cake filtration apparatus. 4,543,184, 9-24-85, Cl. 210-193.000.
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- Hoffmann, Kurt, to Siemens Aktiengesellschaft. Monolithically integrated semiconductor circuit with transistors. 4,549,096, 10-22-85, Cl. 307-297.000.
- Hoffmann-La Roche Inc.: *See*—
  - Adam-Molina, Solange; and Hofheinz, Werner, 4,512,999, Cl. 514-192.000.
  - Adam-Molina, Solange, 4,544,748, Cl. 546-167.000.
  - Aschwanden, Werner; Branca, Quirico; Kyburz, Emilio; and Pfister, Rudolf, 4,513,002, Cl. 514-408.000.
  - Attwood, Michael R.; Hassall, Cedric H.; Lambert, Robert W.; Lawton, Geoffrey; and Redshaw, Sally, 4,512,924, Cl. 260-243.300.
  - Baggiolini, Enrico G.; Batcho, Andrew D.; Boris, Alfred; and Uskokovic, Milan R., 4,508,651, Cl. 260-397.200.
  - Barner, Richard; and Hubscher, Josef, 4,559,407, Cl. 549-548.000.
  - Batcho, Andrew D., 4,506,078, Cl. 548-469.000.
  - Behl, Charanjit; Beskid, George; Shah, Navnit; Tossounian, Jacques; and Unowsky, Joel, 4,525,339, Cl. 424-16.000.
  - Bollag, Werner; Ruegg, Rudolf; and Ryser, Gottlieb, 4,532,355, Cl. 568-9.000.
  - Bomches, Helmut; and Hardegger, Bruno, 4,507,482, Cl. 546-176.000.
  - Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,515,969, Cl. 549-39.000.
  - Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,518,784, Cl. 549-39.000.
  - Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,526,960, Cl. 536-6.400.
  - Broger, Emil A.; and Crameri, Yvo, 4,539,411, Cl. 548-402.000.
  - Broger, Emil A., 4,544,770, Cl. 568-9.000.
  - Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,544,657, Cl. 514-253.000.
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  - Carson, Matthew; LeMahieu, Ronald A.; and Nason, William C., 4,507,498, Cl. 562-463.000.
  - Chan, Ka-Kong; Holland, George W.; and Rosen, Perry, 4,500,462, Cl. 260-405.500.
  - Coffen, David L.; and Hengartner, Urs O., 4,495,354, Cl. 546-146.000.
  - Coffen, David L.; Holland, George W.; Rosen, Perry; and Wong, Frederick, 4,558,140, Cl. 549-312.000.
  - Derungs, Romano, 4,493,841, Cl. 424-273.00R.
  - Dorn, Franz; Montavon, Francois; and Suchy, Milos, 4,556,661, Cl. 514-277.000.
  - Duke, Colin C.; and Wells, Robert J., 4,501,908, Cl. 549-305.000.
  - Felix, Arthur M.; Gillessen, Dieter; Studer, Rolf; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,504,415, Cl. 260-112.50R.
  - Felix, Arthur M.; Gillessen, Dieter; Lergier, William; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,517,119, Cl. 260-112.50R.
  - Field, George F.; and Zally, William J., 4,560,692, Cl. 514-313.000.
  - Franklin, Michael L.; and Chen, Fang-Chung, 4,506,803, Cl. 222-1.000.
  - Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,526,609, Cl. 71-118.000.
  - Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,545,807, Cl. 71-92.000.
  - Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,556,413, Cl. 71-94.000.
  - Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, 4,546,183, Cl. 544-330.000.
  - Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, 4,547,581, Cl. 549-451.000.
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  - Fryer, Rodney I.; Trybulski, Eugene J.; and Walser, Armin, 4,549,988, Cl. 260-239.0BB.
  - Furst, Andor; Keller, Peter; and Muller, Marcel, 4,492,797, Cl. 549-265.000.
  - Hamilton, James G.; Sullivan, Ann C.; Tobias, Lawrence D.; and Triscari, Joseph, 4,500,540, Cl. 514-397.000.
  - Hanck, Alfred; and Pauling, Horst, 4,514,338, Cl. 260-429.900.
  - Hansen, Hans-Jurgen; and Pfoertner, Karlheinz, 4,551,274, Cl. 204-159.000.
  - Hansen, Hans-Jurgen; and Schmid, Rudolf, 4,556,740, Cl. 568-13.000.
  - Hirth, Georges; Petrzilka, Martin; and Pracht, Inge, 4,559,147, Cl. 252-1.000.
  - Hochuli, Erich, 4,551,271, Cl. 260-112.00R.
  - Hofheinz, Werner, 4,515,790, Cl. 514-234.000.
  - Holland, George W.; Rosen, Perry; and Maag, Hans, 4,558,142, Cl. 549-465.000.

Klaus, Michael; Loeliger, Peter; and Weiser, Harald, 4,535,086, Cl. 514-337.000.

Kompis, Ivan; Rey-Bellet, Gerald; and Zanetti, Guido, 4,515,948, Cl. 544-325.000.

Kompis, Ivan, 4,532,245, Cl. 514-275.000.

Krasso , Anna; and Ramuz, Henri, 4,554,280, Cl. 514-338.000.

Krebs, Ernst P., 4,539,154, Cl. 260-410.90N.

LeMahieu, Ronald A., 4,539,419, Cl. 560-053.000.

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Liu, Chao-Min; and Westley, John, 4,510,317, Cl. 549-343.000.

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Lucci, Robert, 4,556,518, Cl. 260-413.000.

Lukac, Teodor; Soukup, Milan; and Widmer, Erich, 4,532,358, Cl. 568-341.000.

Luthy, Christoph; and Winternitz, Paul, 4,514,566, Cl. 544-56.000.

Muller, Bernard; Piat, Rene; Rensing, Cornelis; and Trajin, Jean-Paul, 4,517,362, Cl. 546-7.000.

Muller, Jean-Claude; and Ramuz, Henri, 4,549,019, Cl. 544-321.000.

Pestka, Sidney; and Rubinstein, Menachem, 4,503,035, Cl. 424-85.000.

Petrzilka, Martin; Pracht, Inge; and Ruf, Urs, 4,493,533, Cl. 350-418.000.

Petrzilka, Martin; Schadt, Martin; and Villiger, Alois, 4,526,704, Cl. 252-299.610.

Petrzilka, Martin, 4,528,114, Cl. 252-299.600.

Petrzilka, Martin; Schadt, Martin; and Villiger, Alois, 4,550,981, Cl. 350-350.00R.

Pfister, Rudolf; Zeller, Paul; Binder, Dieter; and Hromatka, Otto, 4,544,655, Cl. 514-222.000.

Ramuz, Henri, 4,511,720, Cl. 546-273.000.

Reiner, Roland, 4,520,195, Cl. 544-182.000.

Scherschlicht, Richard R.; and Tissot, Rene, 4,496,545, Cl. 514-16.000.

Stocker, John, 4,560,647, Cl. 435-5.000.

Tilley, Jefferson W., 4,551,460, Cl. 514-267.000.

Wei, Chung-Chen; and Weigele, Manfred, 4,502,994, Cl. 260-456.00A.

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Wick, Alexander E., 4,521,535, Cl. 514-222.000.

Wick, Alexander E., 4,549,022, Cl. 546-193.000.

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Hoffmann, Manfred: *See*—

Bliefert, Claus; Boldhaus, Hans-Michael; and Hoffmann, Manfred, 4,536,266, Cl. 204-159.180.

Hoffmann, Matthias: *See*—

Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,492,670, Cl. 419-9.000.

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Hoffmann, Paul D., to Lilie-Hoffman Cooling Towers, Inc. Grid and fill slats for cooling towers. 4,512,937, 4-23-85, Cl. 261-111.000.

Hoffmann, Peter, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Unstable laser resonator. 4,491,950, 1-1-85, Cl. 372-95.000.

Hoffmann, Peter; and Evers, Walter, to Lang Apparatebau GmbH. Backflow-preventing valve. 4,518,006, 5-21-85, Cl. 137-218.000.

Hoffmann, Rainer: *See*—

Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, 4,502,919, Cl. 196-14.520.

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Hoffmann, Stella: *See*—

Lenchin, Julianne M.; Trubiano, Paolo C.; and Hoffmann, Stella, 4,510,166, Cl. 426-565.000.

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Janitschke, Lothar; and Hoffmann, Werner, 4,517,382, Cl. 564-267.000.

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Thoemel, Frank; and Hoffmann, Werner, 4,491,545, Cl. 260-396.00R.

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Sauer, Wolfgang; and Hoffmann, Wolfgang, 4,511,739, Cl. 568-473.000.

Hoffmanner, Albert L.; Semiatin, Sheldon L.; and Podiak, Richard S., to Champion Spark Plug Company. Production of electrodes. 4,526,551, 7-2-85, Cl. 445-7.000.

Hoffmaster, Timothy D., to AT&T Bell Laboratories. Process for measuring fluorescence. 4,549,807, 10-29-85, Cl. 356-318.000.

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Hoffstetter, Armand C. L.; and Cason, Charles K., to Ga-Vehren Engineering Company. Overlap conveyor apparatus. 4,549,729, 10-29-85, Cl. 270-53.000.

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Hofle, Lothar; and Autenrieth, Veit, to Bilz, Reiner; and Bilz, Axel. Quick-change chuck. 4,547,105, 10-15-85, Cl. 408-141.000.

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Meder, Willi; Bertz, Hans-Ulrich; and Golder, Peter, 4,519,141, Cl. 33-179.50R.

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Hofmaier, Gerhard: *See*—

Gehring, Fritz; and Hofmaier, Gerhard, 4,540,028, Cl. 139-453.000.

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Wood, John F.; and Van Dyke, Mark, 4,502,328, Cl. 73-462.000.

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Beilstein, Kurt H., 4,530,470, Cl. 241-169.100.

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Schutt, Peter; Nitsche, Klaus; Grindler, Horst; and Hofmann, Hans-Joachim, 4,529,365, Cl. 417-313.000.

Hofmann, Hans-Otto, to Brose Fahrzeugteile GmbH & Co. Kommanditgesellschaft. Adjustable seat assembly for motor vehicles. 4,508,386, 4-2-85, Cl. 297-346.000.

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Steiner, Gerd; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Lenke, Dieter, 4,548,933, Cl. 514-255.000.

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Hofmann, Heinrich, to U.S. Philips Corporation. Magnetic-tape cassette having a capstan cleaning device. 4,498,115, 2-5-85, Cl. 360-132.000.

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- Hofmann, Karl; and Trachte, Dietrich, to Robert Bosch GmbH. Fuel injection nozzle for internal combustion engines. 4,545,530, 10-8-85, Cl. 239-73.000.
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- Hofmann, Karl: *See—*
  - Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, 4,516,729, Cl. 239-453.000.
  - Seifert, Kurt; and Hofmann, Karl, 4,531,676, Cl. 239-453.000.
- Hofmann, Lee G.; and Dittmar, Charles J., Jr., to General Electric Company. Large angle, gravity compensated, bank-to-turn pursuit controller. 4,511,972, 4-16-85, Cl. 364-434.000.
- Hofmann, Otto, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Photogrammetric device for aircraft and spacecraft for producing a digital terrain representation. 4,504,914, 3-12-85, Cl. 364-456.000.
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- Hofmann, Peter, to Chemische Werke Huels AG. Methods for reprocessing cobalt catalysts used in hydrocarboxylation. 4,521,526, 6-4-85, Cl. 502-24.000.
- Hofmann, Peter, to Dr. Ing. h.c.F. Porsche AG. Air discharge installation for the air feed into the interior space of a vehicle. 4,534,275, 8-13-85, Cl. 98-2.000.
- Hofmann, Richard E.; and Hofmann, Robert G., Jr., to North Side Packing Company. Meat processing equipment. 4,523,520, 6-18-85, Cl. 99-352.000.
- Hofmann, Robert G., Jr.: *See—*
  - Hofmann, Richard E.; and Hofmann, Robert G., Jr., 4,523,520, Cl. 99-352.000.
- Hofmann, Rolf: *See—*
  - Moser, Kurt; and Hofmann, Rolf, 4,515,459, Cl. 355-3.0FU.
- Hofmann, Rudolf. Air cooler with condensate trap. 4,532,775, 8-6-85, Cl. 62-272.000.
- Hofmeister, Helmut; Schulze, Paul E.; Annen, Klaus; Laurent, Henry; and Wiechert, Rudolf, to Schering Aktiengesellschaft. Process for the preparation of 17α-bromoethynyl- and 17α-iodoethynyl-17β-hydroxy steroids and novel products thereof. 4,550,100, 10-29-85, Cl. 514-179.000.
- Hofmeister, Helmut: *See—*
  - Annen, Klaus; Laurent, Henry; Hofmeister, Helmut; Wiechert, Rudolf; Toepert, Michael; and Wendt, Hans, 4,555,507, Cl. 514-172.000.
  - Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
- Hofmeister, James P.: *See—*
  - Bartlett, Geoffrey M.; Hofmeister, James P.; and Pring, Edward J., 4,539,653, Cl. 364-900.000.
- Hofstatter, Alfred F.: *See—*
  - Lichti, Wayne P.; and Hofstatter, Alfred F., 4,539,175, Cl. 419-49.000.
- Hofstetter, Josef, to Sulzer Brothers Limited. Liquid distributor for an exchange column. 4,557,877, 12-10-85, Cl. 261-97.000.
- Hofstetter, Matthias, to Siemens-Albis AG. Bidirectional multi-mode data transfer bus system. 4,495,574, 1-22-85, Cl. 364-200.000.
- Hoga, Hiroshi, to Oki Electric Industry Co., Ltd. Method of manufacturing a semiconductor substrate having dielectric regions. 4,552,595, 11-12-85, Cl. 148-1.500.
- Hogan, Frank C. In-ground control unit for watering systems. 4,541,446, 9-17-85, Cl. 137-2.000.
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- Hogan, John P.; Hsieh, Eric T.; and Randall, James C., to Phillips Petroleum Company. Low density polyethylene. 4,522,987, 6-11-85, Cl. 526-106.000.
- Hogan, Lawrence R., to Cole-Parmer Instrument Company. Dispenser having a flexible fluid container and a rotor compressible fluid discharge tube. 4,513,885, 4-30-85, Cl. 222-95.000.
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- Hogan, Leroy. Adjustable barbecue rack. 4,559,869, 12-24-85, Cl. 99-426.000.
- Hogan, Martin J., to General Motors Corporation. Bearing assembly with stamped races. 4,515,418, 5-7-85, Cl. 384-502.000.
- Hogan, Philip J.: *See—*
  - Dewing, John; Hogan, Philip J.; and Stewart, Allan, 4,533,533, Cl. 423-328.000.
- Hogan, Robert J.: *See—*
  - Kukes, Simon G.; Hogan, Robert J.; and Coombs, Daniel M., 4,557,823, Cl. 208-216.00R.
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- Hogan, Robert V. Multiple stroke shear. 4,526,076, 7-2-85, Cl. 83-554.000.
- Hogan, Ronald E.: *See—*
  - Hickethier, Craig R.; Hogan, Ronald E.; and Prahl, Marvin E., 4,509,086, Cl. 360-99.000.
- Hogan, Thomas B. Brake assembly for bicycle. 4,558,765, 12-17-85, Cl. 188-24.190.
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  - Tengzelius, Jan R.; Blande, Carl-Axel; and Svensson, Lars-Erik, 4,518,427, Cl. 75-251.000.
- Hoganson, Robert B., Jr.: *See—*
  - Riggs, Peter P.; Data, Harry L.; and Hoganson, Robert B., Jr., 4,534,162, Cl. 57-217.000.
- Hoge, Warren, Zimmerman Company: *See—*
  - Mason, Walter R.; and Cummings, Jimmie L., 4,499,561, Cl. 366-156.000.
- Hogeboom, John G., to Northern Telecom Limited. Phase comparator using two capacitors alternately charged via constant current sources. 4,523,150, 6-11-85, Cl. 328-133.000.
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  - Thomas, Terence N.; and Hogeboom, John G., 4,539,531, Cl. 331-11.000.
- Hogen, Delman R., to Lemna Corporation, The. Aquatic biomass containment barrier and method of assembling same. 4,536,988, 8-27-85, Cl. 47-1.500.
- Hogendobler, Richard S.: *See—*
  - Forney, Edgar W., Jr.; and Hogendobler, Richard S., 4,502,749, Cl. 339-177.00R.
  - Forney, Edgar W., Jr.; and Hogendobler, Richard S., 4,553,806, Cl. 339-94.00C.
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  - Andrews, Beatrice M.; Carr, Neil; Gray, George W.; and Hogg, Christine, 4,512,636, Cl. 350-350.00R.
- Hogg, Hubert, to General Motors Corporation. Fluid pressure proportioners. 4,490,978, 1-1-85, Cl. 60-561.000.
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- Hogg, James W., to Anchor Wire Corporation. Double pronged fastener with partially delaminated adhesive layer. 4,524,939, 6-25-85, Cl. 248-467.000.
- Hogg, James W., to Anchor Wire Corporation. Single spring adjustable plate hanger. 4,542,876, 9-24-85, Cl. 248-491.000.
- Hogg, Thomas M., to Anderson Strathclyde Plc. Pinless haulage drive chain and rack-form link for use seriatim in forming same. 4,536,036, 8-20-85, Cl. 299-43.000.
- Hogg, Walter R.: *See—*
  - Brunsting, Albert; and Hogg, Walter R., 4,523,841, Cl. 356-73.000.
- Hogge, Charles R., Jr., to Rockwell International Corporation. Decision feedback equalizing apparatus. 4,520,489, 5-28-85, Cl. 375-14.000.
- Hogge, Charles R., Jr., to Rockwell International Corporation. Signal detection apparatus. 4,535,459, 8-13-85, Cl. 375-80.000.
- Hogge, Charles R., Jr., to Rockwell International Corporation. Adaptive equalizer suitable for use with fiber optics. 4,538,283, 8-27-85, Cl. 375-14.000.
- Hogge, Charles R., Jr., to Rockwell International Corporation. Equalizer circuit suitable for adaptive use with fiber optics. 4,555,789, 11-26-85, Cl. 375-11.000.
- Hoglund, Allen C. Portable cooking device. 4,524,751, 6-25-85, Cl. 126-25.00A.
- Hoglund, Ingolf, to AB Mecman. Sealing device for a pressure fluid cylinder without piston rod. 4,555,980, 12-3-85, Cl. 92-88.000.
- Hoglund, Nils O., Jr., to Hoglund Tri-Ordinate Corporation. Worktable with lateral and rotational movement. 4,536,991, 8-27-85, Cl. 51-101.00R.
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- Hogrogian, Richard H.: *See—*
  - Ameen, Joseph G.; Hogrogian, Richard H.; and Smey, Samuel L., 4,514,232, Cl. 134-1.000.
- Hogsett, Robert F.: *See—*
  - Beckstead, Leo W.; Havelick, Linn D.; and Hogsett, Robert F., 4,551,314, Cl. 423-54.000.
  - Duyvesteyn, Willem P. C., and Hogsett, Robert F., 4,552,629, Cl. 204-55.00R.
  - Voelker, Dennis E.; Beckstead, Leo W.; and Hogsett, Robert F., 4,504,448, Cl. 423-54.000.
- Hoh, Bernhard: *See—*
  - Bathmann, Hans-Jurgen; Hoh, Bernhard; and Schulz, Siegmar, 4,492,118, Cl. 73-612.000.
- Hoh, George L., to Du Pont de Nemours, E. I., and Company. Blends of ionomer with propylene copolymer and articles. 4,539,263, 9-3-85, Cl. 428-500.000.
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  - Thoni, Werner; Huber, Peter; and Hohenegger, Karl, 4,498,728, Cl. 350-1.700.
- Hohenester, Hermann; and Hohenester, Wolfgang. Process for preparing low-fat meat products and in particular sausages with high protein content. 4,504,515, 3-12-85, Cl. 426-641.000.
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- Hohenhovel, Paul. Pasting machine for a web of material, preferably wallpaper. 4,524,714, 6-25-85, Cl. 118-123.000.
- Hohensang, Lutz, to Mobil Oil Corporation. Device for the determination of the soot content of an oil sample. 4,495,417, 1-22-85, Cl. 250-343.000.
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- Hohki, Tetsuo: *See—*
  - Masuda, Tatsunosuke; Hohki, Tetsuo; and Kurusu, Yasuo, 4,555,180, Cl. 356-445.000.
- Hohl, Erwin: *See—*
  - Meyer, Rolf-Volker; Kreuder, Hans-Joachim; and Hohl, Erwin, 4,510,288, Cl. 525-111.000.
- Hohl, G. Burnell, and Gasiunas, Donatas V., to Pitney Bowes Inc. Voice/text storage and retrieval system. 4,523,055, 6-11-85, Cl. 179-2.0DP.
- Hohla, Kristian; and Albers, Ernst, to Lambda Physik GmbH. Discharge-pumped laser. 4,534,034, 8-6-85, Cl. 372-59.000.
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  - Vischer, Daniel; and Volkart, Peter, 4,545,403, Cl. 137-497.000.
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  - Wochnowski, Waldemar; Hohm, Reinhard; Liebe, Reinhard; and Muss, Manfred, 4,513,759, Cl. 131-303.000.
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  - Dunn, Charles S.; Propster, Mark A.; and Hohman, Charles M., 4,528,013, Cl. 65-136.000.
- Hohman, John E., to Sexton-Espec, Inc. Refrigeration system with liquid bypass line. 4,550,574, 11-5-85, Cl. 62-197.000.
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  - Wohlgemuth, Juergen; and Hohmann, Eugen, 4,499,906, Cl. 128-776.000.
- Hohmann, Gerhard: *See—*
  - Casper, Rudolf; Wendling, Peter; Konter, Wolfgang; Pampus, Gottfried; and Hohmann, Gerhard, 4,525,561, Cl. 526-220.000.
  - Waniczek, Helmut; Bartl, Herbert; Hohmann, Gerhard; and Mott, Ludwig, 4,522,965, Cl. 524-109.000.
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- Hohmann, Thomas C.; Lewis, Norris E.; and Miller, Michael B., to Litton Systems, Inc. Fiber optic rotary joint using a reflective surface and tangentially mounted rotor and stator optical fibers. 4,525,025, 6-25-85, Cl. 350-96.150.
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  - Charney, Gregory S., and Hohner, Terrance D., 4,522,364, Cl. 248-460.000.
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  - Nakahira, Akitaro, 4,530,386, Cl. 152-315.000.
- Hoie, Karl H. Mixing and spraying apparatus for liquids, optionally for powder and liquid. 4,516,726, 5-14-85, Cl. 239-317.000.
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  - Nii, Riro; Toyoda, Nobuyuki; and Hojo, Akimichi, 4,503,600, Cl. 29-571.000.
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- Hok, Bertil: *See—*
  - Adolfsson, Morgan; Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,514,860, Cl. 455-612.000.
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  - Brankiewicz, Alex J.; Bunge, Richard H.; French, James C.; Hokanson, Gerard C.; Hurley, Timothy R.; and Schaumberg, John P., 4,539,203, Cl. 424-117.000.
  - Kern, Donald L.; Hokanson, Gerard C.; and French, James C., 4,551,529, Cl. 544-265.000.
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  - Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.
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  - Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.
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  - Kobayashi, Koji; and Shimizu, Keisuke, 4,548,333, Cl. 220-276.000.
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  - Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, 4,534,848, Cl. 208-10.000.
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  - Kaneko, Kimiyoshi; Ishikawa, Hiromichi; Moriyama, Satoru; and Uchiyama, Tsugio, 4,547,524, Cl. 514-594.000.
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  - Ozaki, Yoshiharu; Kaneko, Kimiyoshi; and Mitachi, Senshu, 4,507,245, Cl. 260-429.200.
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  - Muraguchi, Yutaka, 4,526,503, Cl. 414-433.000.

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  - Wolf, Jerry M.; and Holben, Wilbur D., 4,496,024, Cl. 181-292.000.
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- Holcombe, Paul: *See—*
  - Schwab, Carl E.; Rost, David P.; Hackenberg, William; and Holcombe, Paul, 4,516,125, Cl. 343-7.700.
- Holcombe, Robert R.; Parks, Steven G.; and Brogan, Patrick M., to Raytheon Company. Composite cable fairing. 4,542,708, 9-24-85, Cl. 114-243.000.
- Hold, Anthony C., to British Steel Corporation. Apparatus for measuring profile thickness of strip material. 4,542,297, 9-17-85, Cl. 250-360.100.
- Hold, Peter; and Rizzi, Marc A., to USM Corporation. Devolatilizing mixing extruder. 4,491,417, 1-1-85, Cl. 366-75.000.
- Holdahl, Robert A., to Toolmark Co. Hand held duplicator tool. 4,491,162, 1-1-85, Cl. 142-7.000.
- Holden, Chester D.; and Rood, Allan J., to International Business Machines Corporation. Stapler mechanism powering means. 4,557,410, 12-10-85, Cl. 227-155.000.
- Holden, Irving H., to Motorola, Inc. Movable electrical contact capable of accommodating devices exhibiting a plurality of different sizes. 4,545,639, 10-8-85, Cl. 339-256.00R.
- Holden, Jerry B.: *See—*
  - Stevens, Frederick G.; Heideman, Robert J.; and Holden, Jerry B., 4,539,769, Cl. 42-1.00A.
- Holden, Joseph T.; and Christensen, Finn. Thrust tube propulsion system. 4,505,684, 3-19-85, Cl. 440-38.000.
- Holden, Kirk N., to Motorola, Inc. N-bit carry select adder circuit having only one full adder per bit. 4,525,797, 6-25-85, Cl. 364-788.000.
- Holden, M. James, to Mobil Oil Corporation. Liquid holding packaging tray. 4,533,585, 8-6-85, Cl. 428-116.000.
- Holden, Paul C.: *See—*
  - North, William E.; Holden, Paul C.; and Hultgren, Kent G., 4,515,523, Cl. 415-115.000.
- Holden, Robert S.: *See—*
  - Ferber, John G.; Goddard, Peter J.; and Holden, Robert S., 4,515,990, Cl. 568-808.000.
- Holden, Scott C., to Varian Associates, Inc. Air lock vacuum pumping methods and apparatus. 4,504,194, 3-12-85, Cl. 417-48.000.
- Holden, Scott C., to Varian Associates, Inc. Method for gas-assisted, solid-to-solid thermal transfer with a semiconductor wafer. 4,508,161, 4-2-85, Cl. 165-1.000.
- Holden, Scott C., to Varian Associates, Inc. Optimum surface contour for conductive heat transfer with a thin flexible workpiece. 4,535,835, 8-20-85, Cl. 165-80.00R.
- Holden, Scott C., to Varian Associates, Inc. Method for optimum conductive heat transfer with a thin flexible workpiece. 4,537,244, 8-27-85, Cl. 165-1.000.
- Holden, Scott C., to Varian Associates, Inc. Methods and apparatus for gas-assisted thermal transfer with a semiconductor wafer. 4,542,298, 9-17-85, Cl. 250-443.100.
- Holder, Billy W.: *See—*
  - Rounkles, Rodney G.; and Holder, Billy W., 4,530,466, Cl. 239-327.000.
- Holder, Homer W.: *See—*
  - Toub, Samuel G.; Gilliland, James L., Jr.; and Holder, Homer W., 4,534,182, Cl. 62-193.000.
- Holder, James D., to United States of America, Army. Electron beam stimulated electromagnetic radiation generator. 4,531,076, 7-23-85, Cl. 315-4.000.
- Holder, James D.: *See—*
  - Haynes, Kenton L.; Sherer, William P.; Greene, Hugh W.; Holder, James D.; and Roberts, Thomas G., 4,514,684, Cl. 324-120.000.
- Holder, Percy E. A. Fabu patient gown. 4,494,248, 1-22-85, Cl. 2-69.000.
- Holder, Robert L.: *See—*
  - Harrison, George W.; Holder, Robert L.; and Kearns, John P., 4,529,167, Cl. 251-144.000.
- Holderegger, Rolf; and Jilek, Josef H., to Dow Chemical Company, The. Composition for coating a substrate with an epoxy resin powder coating and a method of making matt finishes with the composition. 4,528,127, 7-9-85, Cl. 525-530.000.
- Holdiman, Joseph W. Door casement. 4,531,337, 7-30-85, Cl. 52-217.000.
- Holdredge, Ernest C., Jr., to Techplastics, Inc. Method and apparatus for molding structural foam articles. 4,548,776, 10-22-85, Cl. 264-50.000.
- Holdren, Carl F.: *See—*
  - Bonini, Bruno; Cook, Raymond G.; Holdren, Carl F.; and Johnston, Everett A., 4,533,098, Cl. 244-110.00B.
- Holdridge, Robert B.: *See—*
  - Taff, Douglas C.; and Holdridge, Robert B., 4,532,917, Cl. 126-430.000.
- Holdstock, Barry C.: *See—*
  - Atkinson, Ivor B.; and Holdstock, Barry C., 4,492,776, Cl. 523-108.000.
- Holdt, Bernd-Dieter: *See—*
  - Soldanski, Heinz-Dieter; and Holdt, Bernd-Dieter, 4,554,083, Cl. 252-8.570.

Vierkotter. Peter; Turk, Erich; Holdt, Bernd-Dieter; and Menke, Ronald, 4,541,551, Cl. 222-456.000.

Hole, Robert W. Weight lifting machine. 4,561,651, 12-31-85, Cl. 272-117.000.

Holenstein, Hans, to BBC Brown, Boveri & Company, Limited. Electron tube, in particular a transmitter tube. 4,546,286, 10-8-85, Cl. 313-296.000.

Holey, Timothy M.: *See—*

Ackermann, Albert B.; Jones, Donald K.; and Holey, Timothy M., 4,512,539, Cl. 244-137.00P.

Holfelder, Gerhard; and Muller, Klaus, to Robert Bosch GmbH. Electrochemical oxygen sensor. particularly for analysis of combustion cases from internal combustion engines. 4,502,939, 3-5-85, Cl. 204-429.000.

Holgate Corporation: *See—*

Phillips, William H., 4,558,534, Cl. 43-9.000.

Holick, Michael F.; and Holick, Sally A., to General Hospital Corporation, The. Vitamin D glycosyl orthoesters. 4,521,410, 6-4-85, Cl. 514-26.000.

Holick, Sally A.: *See—*

Holick, Michael F.; and Holick, Sally A., 4,521,410, Cl. 514-26.000.

Holiday Cups, Inc.: *See—*

Puls, Craig, 4,536,173, Cl. 493-149.000.

Holiday, Paul R., deceased; by Holiday, Suzanne N., executrix; and Kear, Bernard H., to United Technologies Corporation. Article made from sheet having a controlled crystallographic orientation. 4,499,155, 2-12-85, Cl. 428-586.000.

Holiday, Suzanne N., executrix: *See—*

Holiday, Paul R., deceased; Holiday, Suzanne N., executrix; and Kear, Bernard H., 4,499,155, Cl. 428-586.000.

Holighaus, Rolf: *See—*

Escher, Gert; Holighaus, Rolf; and Wenning, Hans-Peter, 4,512,873, Cl. 208-13.000.

Holik, Andrew S.: *See—*

Cline, Harvey E.; Holik, Andrew S.; and Lorensen, William E., 4,525,858, Cl. 382-1.000.

Holik, Herbert; and Kurtz, Rudiger, to Sulzer Brothers Limited. Headbox for a papermaking machine. 4,551,204, 11-5-85, Cl. 162-336.000.

Holik, Herbert, to Escher Wyss GmbH. Flotation apparatus for floating fiber suspensions extracted from waste paper. 4,560,474, 12-24-85, Cl. 210-221.200.

Holik, Herbert: *See—*

Dahl, Hans; Holik, Herbert; Kurtz, Rudiger; and Stotz, Wolf-Gunter, 4,556,454, Cl. 162-358.000.

Holka, Leon G. Can opener tool. 4,530,260, 7-23-85, Cl. 81-3.550.

Holl, Herbert B., to United States of America, Army. Angle of arrival meter. 4,498,768, 2-12-85, Cl. 356-141.000.

Holl, Lothar: *See—*

Schilling, Hans-Dieter; and Holl, Lothar, 4,545,959, Cl. 422-142.000.

Holl, Peter: *See—*

Foll, Eberhard; Holl, Peter; and Vetter, Helmut, 4,508,750, Cl. 427-44.000.

Holl, Roland, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Arrangement in printing machines having a varnishing unit for varnishing printed sheets. 4,517,221, 5-14-85, Cl. 427-8.000.

Holl, Roland: *See—*

Mathes, Josef; Abendroth, Paul; Holl, Roland; and Seikel, Wolfgang, 4,530,283, Cl. 101-230.000.

Holl, Walter, to Robert Bosch GmbH. Method and apparatus of protecting a coating plant against explosion. 4,546,400, 10-8-85, Cl. 361-1.000.

Hollaar, Leendert J.; Zoetman, Herman; and Verbeek, Robert J. M., to U.S. Philips Corporation. High-stability clock signal regenerator with a stable fixed frequency backup clock generator. 4,538,110, 8-27-85, Cl. 328-63.000.

Holladay, Thomas M.; and Holt, L. Bayles, to Xerox Corporation. Tile encoding in image printing. 4,553,171, 11-12-85, Cl. 358-263.000.

Hollaender Manufacturing Co., The: *See—*

Hollaender, Robert P., II; Howard, Leslie M.; and Hund, Ernest A., 4,540,307, Cl. 403-190.000.

Hollaender, Robert P., II; Howard, Leslie M.; and Hund, Ernest A., to Hollaender Manufacturing Co., The. Fitting for structural pipe. 4,540,307, 9-10-85, Cl. 403-190.000.

Holland, Charles J.; Holberger, Kenneth D.; Epstein, David I.; Reilly, Paul; and Rosen, Josh, to Data General Corporation. Data processing system having a unique micro-sequencing system. 4,554,627, 11-19-85, Cl. 364-200.000.

Holland, Ernest, to V L Churchill Limited. Hand-held diesel engine injection tester. 4,561,297, 12-31-85, Cl. 73-119.00A.

Holland, Floyd H.: *See—*

Hays, George E.; Nielsen, Richard H.; Bowen, Chester O.; and Holland, Floyd H., 4,562,046, Cl. 422-140.000.

Holland, Frank S.; Womersley, Peter; and Curran, John, to Manchem Limited. Production of organotin halides. 4,510,095, 4-9-85, Cl. 260-429.700.

Holland, Frederic A.: *See—*

Russell, Philip P.; Niu, Tyan-Faung; and Holland, Frederic A., 4,521,457, Cl. 427-286.000.

Holland, Geoffrey J., to Crown Zellerbach Corporation. Subjecting film to corona discharge prior to compression rolling. 4,548,770, 10-22-85, Cl. 264-22.000.

Holland, Geoffrey N., to Picker International Limited. Signal generator for interfacing digital computer to a plurality of peripheral devices. 4,535,403, 8-13-85, Cl. 364-200.000.

Holland, George W.; Rosen, Perry; and Maag, Hans, to Hoffmann-La Roche Inc. 7-fluoro-prostacyclin analogs. 4,558,142, 12-10-85, Cl. 549-465.000.

Holland, George W.: *See—*

Chan, Ka-Kong; Holland, George W.; and Rosen, Perry, 4,500,462, Cl. 260-405.500.

Coffen, David L.; Holland, George W.; Rosen, Perry; and Wong, Frederick, 4,558,140, Cl. 549-312.000.

Holland, Gerald F., to Pfizer Inc. Antidiabetic pyrrolecarboxylic acids. 4,511,575, 4-16-85, Cl. 514-423.000.

Holland, Gerald F., to Pfizer Inc. Antidiabetic pyrrolecarboxylic acids. 4,511,576, 4-16-85, Cl. 514-423.000.

Holland, Gerald G.: *See—*

Sears, Billy D.; Holland, Gerald G.; Cazinha, John R.; and Reames, Donovan J., 4,525,956, Cl. 51-241.00S.

Holland, Gerhard; and Nowak, Rudolf, to Holland, Gerhard. Chemical process for producing alkali and alkaline earth metals. 4,533,387, 8-6-85, Cl. 75-66.000.

Holland, Graham J.: *See—*

Bostock, Philip G.; and Holland, Graham J., 4,543,924, Cl. 123-195.00A.

Holland, Hugh H. Device for training basketball players to shoot. 4,538,808, 9-3-85, Cl. 273-1.50A.

Holland, Hugh R.; and Adamo, Rosario, to Pennwalt Corporation. Spray jet polymer powder wetter. 4,531,673, 7-30-85, Cl. 239-113.000.

Holland, Jack O. Pitch adjuster. 4,512,233, 4-23-85, Cl. 84-394.000.

Holland, James F.: *See—*

Alexander, Douglas E.; Holland, James F.; Leonard, Herbert G.; and Reed, Alvin R., 4,553,869, Cl. 400-568.000.

Holland, John D. Tangle-free pet hitch and feeding station. 4,546,730, 10-15-85, Cl. 119-117.000.

Holland, Larry L.: *See—*

Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., 4,503,091, Cl. 427-180.000.

Gilbride, Andrew J.; Morse, Albert I.; Crowell, Douglas H.; and Holland, Larry L., 4,502,411, Cl. 118-503.000.

Holland, Marion D., to Robbins, Robert E. One-way brake bleeder check valve with sealing cap. 4,524,800, 6-25-85, Cl. 137-516.270.

Holland, Mason: *See—*

Hitch, Robert J.; and Holland, Mason, 4,495,860, Cl. 99-340.000.

Holland, Maxwell J., to Rolls-Royce Limited. Turbine blades. 4,529,357, 7-16-85, Cl. 416-92.000.

Holland, Noel J., to Helix Technology Corporation. Refrigeration system with clearance seals. 4,501,120, 2-26-85, Cl. 62-6.000.

Holland, Noel J., to Helix Technology Corporation. Refrigerator with a clearance seal compressor. 4,539,818, 9-10-85, Cl. 62-6.000.

Holland, Peter J.: *See—*

Fitton, Paul; and Holland, Peter J., 4,521,553, Cl. 523-333.000.

Holland, Redus F.: *See—*

Freund, Samuel M.; Maier, William B., II; Holland, Redus F.; and Beattie, Willard H., 4,554,060, Cl. 204-157.10R.

Holland, Robert E.; and Tabak, Samuel A., to Mobil Oil Corporation. Conversion of Fischer-Tropsch oxygenates to middle distillate. 4,547,601, 10-15-85, Cl. 585-310.000.

Holland, Ronald A.; Petrie, Harold L.; Brennan, John R.; and Christ, Frederick C., to Armco Inc. Oil well standing valve. 4,519,457, 5-28-85, Cl. 166-317.000.

Holland, Scott B.; Greene, Edward S.; Kowalski, David A.; and Strachan, Bruce D., to Ford Motor Company. Air suspension system service diagnostics. 4,517,832, 5-21-85, Cl. 73-118.000.

Holland, Scott B.; and Strachan, Bruce D., to Ford Motor Company. Onboard method of detecting electrical faults in a vehicular air suspension system. 4,550,286, 10-29-85, Cl. 324-51.000.

Holland, Thomas L.: *See—*

Tsang, Albert C.; Holland, Thomas L.; and Masey, Johnny W., 4,556,748, Cl. 568-858.000.

Hollander, Brian. Delimbing shear. 4,541,177, 9-17-85, Cl. 30-180.000.

Hollander, Edward F., Jr., to Glass, John P. Package. 4,527,687, 7-9-85, Cl. 206-219.000.

Hollander, Edward F., Jr., to Glass, John P. Rupturable packages. 4,537,308, 8-27-85, Cl. 206-484.000.

Hollander, Frans: *See—*

Bruinsma, Hans; Hollander, Frans; Huisman, Rein L.; and Reinen, Adrianus G., 4,532,789, Cl. 72-202.000.

Hollander, Orin, to Betz Laboratories, Inc. Method of controlling iron induced fouling in water systems. 4,560,481, 12-24-85, Cl. 210-697.000.

Hollander, Thomas A.: *See—*

DeRoche, Terrance P.; Hollander, Thomas A.; and Smoot, Charles H., 4,529,281, Cl. 353-27.00A.

Hollandse Signaalapparaten B.V.: *See—*

Bergman, Jan; Van Genderen, Pieter; and Hol, Willem A., 4,524,358, Cl. 343-7.700.

Bergman, Jan; Van Genderen, Pieter; and Hol, Willem A., 4,524,360, Cl. 343-17.10R.

Bergman, Jan, 4,527,159, Cl. 343-7.00A.

Brilman, Albert; and Koops, Geert, 4,554,548, Cl. 343-379.000.

Eikelboom, Lucas, 4,495,555, Cl. 323-28.000.

Hol, Willem A., 4,542,382, Cl. 343-7.700.

Krouwel, Jan, 4,503,592, Cl. 28-219.000.

Langeraar, Huibert B.; and Van Der Schoot, Alexander P. M., 4,549,286, Cl. 367-97.000.

Teulings, Wilhelmus A., 4,524,361, Cl. 343-17.2PC.

Hollants, Henricus C. J., to U.S. Philips Corporation. Lighting system for use in a photographic enlarger. 4,491,410, 1-1-85, Cl. 355-67.000.

- Hollaway, Gerald C.: *See—*
  - Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,494,947, Cl. 474-251.000.
  - Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,559,029, Cl. 474-251.000.
- Holldorff, Gunther: *See—*
  - Malewski, Werner; and Holldorff, Gunther, 4,505,133, Cl. 62-476.000.
- Holle, Wilhelm: *See—*
  - Ziemer, Wolf; and Holle, Wilhelm, 4,554,766, Cl. 52-28.000.
- Holleis, Gunter; and Wiesinger, Horst, to Voest-Alpine Aktiengesellschaft. Plate mould for continuous casting. 4,523,623, 6-18-85, Cl. 164-436.000.
- Holleis, Gunter: *See—*
  - Thone, Heinrich; Hargassner, Reinhard; Deibl, Gottfried; and Holleis, Gunter, 4,516,622, Cl. 164-416.000.
- Holleman, William H.: *See—*
  - Gendrich, Ronald L.; and Holleman, William H., 4,491,660, Cl. 536-32.000.
- Hollenbaugh, William H., Jr.: *See—*
  - Budny, Thomas J.; Hollenbaugh, William H., Jr.; and Gutman, Edward J., 4,524,120, Cl. 430-137.000.
- Hollenbeck, Dennis W.: *See—*
  - Benson, Michael R.; Hill, William D.; OBrien, Garrett G.; and Hollenbeck, Dennis W., 4,495,655, Cl. 455-603.000.
  - Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.
  - Holoyda, Peter W.; Hollenbeck, Dennis W.; and Hill, William D., 4,498,196, Cl. 455-607.000.
- Hollenberg, David H., to W. R. Grace & Co. Hydraulic cement admixture compositions. 4,554,020, 11-19-85, Cl. 106-90.000.
- Hollenstein, Helmut: *See—*
  - Rock, Erich; and Hollenstein, Helmut, 4,505,610, Cl. 403-231.000.
  - Rock, Erich; and Hollenstein, Helmut, 4,557,531, Cl. 308-3.800.
- Hollenstein, Peter: *See—*
  - Wallner, Peter; and Hollenstein, Peter, 4,536,054, Cl. 339-147.00R.
- Holler, Heinz; and Weber, Wolfgang, to Voith Turbo GmbH & Co. KG. Hydraulic coupling. 4,516,399, 5-14-85, Cl. 60-351.000.
- Holler, Mark A.: *See—*
  - Korsh, George J.; Holler, Mark A.; Perlegos, George; and Gargini, Paolo, 4,519,849, Cl. 148-1.500.
- Hollerich, Ralph M.: *See—*
  - DeWoody, Robert O.; and Hollerich, Ralph M., 4,560,033, Cl. 188-2.00F.
- Hollerweger, Heinz: *See—*
  - Blatt, Georg; van den Boom, Johannes; Kuipers, Geert; and Hollerweger, Heinz, 4,515,239, Cl. 181-290.000.
- Holles Laboratories: *See—*
  - Holly, Frank J., 4,518,579, Cl. 424-9.000.
- Holley, David M., to Power Components Inc. Pneumatic spring. 4,550,899, 11-5-85, Cl. 267-119.000.
- Holley Engineering Company, Inc.: *See—*
  - Holley, John D., 4,561,198, Cl. 37-104.000.
- Holley, John D., to Holley Engineering Company, Inc. Method and apparatus for scarifying a railroad crib. 4,561,198, 12-31-85, Cl. 37-104.000.
- Holleyman, John E. Reciprocating piston compressed fluid engine having radial cylinders and triggerable valves. 4,507,918, 4-2-85, Cl. 60-370.000.
- Holliday, Edward M.: *See—*
  - Weathers, Glenn D.; and Holliday, Edward M., 4,513,288, Cl. 343-17.2PC.
- Holliday, Robert A. Coin handling apparatus for use in merchandise vending machines. 4,550,818, 11-5-85, Cl. 194-1.00D.
- Hollidge, Henry H.: *See—*
  - Clough, John; and Hollidge, Henry H., 4,496,242, Cl. 356-244.000.
- Holliger, Karl, to Sulzer-Escher Wyss Ltd. Turbine. 4,545,726, 10-8-85, Cl. 415-26.000.
- Hollimon, Marshall H. Electronic tuning aid. 4,523,506, 6-18-85, Cl. 84-454.000.
- Hollinetz, Walter, to Tann-Papier Gesellschaft m.b.H. Method of and apparatus for controlling apparatus for perforating strips of paper or the like by disruptive spark discharges. 4,501,953, 2-26-85, Cl. 219-384.000.
- Hollinger, David P.; Nelson, David E.; and Hannon, Robert J., to Hydroacoustics Inc. Time division multiplex transmission of submultiplex sequences of signals from sections of a chain of data acquisition units. 4,509,170, 4-2-85, Cl. 370-85.000.
- Hollinger, John D. Variable and reversible transmission. 4,504,248, 3-12-85, Cl. 474-24.000.
- Hollinger, John D.; and Pedroso, Raul I., to Coulter Corporation. Particle analyzing and sorting apparatus. 4,515,274, 5-7-85, Cl. 209-3.100.
- Hollingsead International, Inc.: *See—*
  - Espinoza, Cesar, 4,510,650, Cl. 24-16.0PB.
  - Espinoza, H. Cesar, 4,549,602, Cl. 165-80.200.
- Hollingshead, Ethan A.: *See—*
  - Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., 4,505,796, Cl. 204-243.00R.
- Hollingshead, William S.: *See—*
  - Colvin, Howard A.; Muse, Joel, Jr.; and Hollingshead, William S., 4,538,002, Cl. 568-650.000.
- Hollingsworth, Alexander, to Nordson Corporation. Skin packaging machine with inclined oven. 4,513,560, 4-30-85, Cl. 53-509.000.
- Hollingsworth, Clinton A., to C-H Development and Sales, Inc. Hydraulic separating method and apparatus. 4,539,103, 9-3-85, Cl. 209-158.000.
- Hollingsworth, John D. Metallic card clothing and method and apparatus for making same. 4,537,096, 8-27-85, Cl. 76-1.000.
- Hollingsworth, Michael W.: *See—*
  - de Ridder, Johannes J. M.; Hollingsworth, Michael W.; and Robb, Ian D., 4,539,144, Cl. 252-526.000.
- Hollingsworth (U.K.) Limited: *See—*
  - Parker, Alan; and Farnhill, William M., 4,522,022, Cl. 57-401.000.
  - Parker, Alan, 4,537,021, Cl. 57-401.000.
- Hollins, Brian E.: *See—*
  - Khadder, Wadie N.; Wang, Jia T.; and Hollins, Brian E., 4,512,815, Cl. 148-1.500.
- Hollis, Ralph L., Jr., to International Business Machines Corporation. Precision X-Y positioner. 4,509,002, 4-2-85, Cl. 318-687.000.
- Hollis, Ralph L., Jr.; and Musits, Bela L., to International Business Machines Corporation. Electromagnetic X-Y-Theta precision positioner. 4,514,674, 4-30-85, Cl. 318-687.000.
- Hollis, Ralph L., Jr.: *See—*
  - Bednorz, Johannes G.; Hollis, Ralph L., Jr.; Lanz, Martin; Pohl, Wolfgang D.; and Yeack-Scranton, Celia E., 4,520,570, Cl. 33-180.00R.
- Hollis, Samuel D., to Union Camp Corporation. Antioxidants and lithium ion. 4,497,931, 2-5-85, Cl. 524-570.000.
- Hollister, F. Harold; and Meyer, Danny S., to Joy Manufacturing Company. Gate valve with internal pressure relief means. 4,515,174, 5-7-85, Cl. 137-72.000.
- Hollister Incorporated: *See—*
  - Habib, Wagdi W., 4,534,767, Cl. 604-336.000.
  - Nystrom, Wilford O.; Riedel, Kenneth E.; and Doerschner, David L., 4,540,409, Cl. 604-349.000.
  - Osburn, Frank G., 4,496,357, Cl. 604-336.000.
  - Osburn, Frank G.; and Riedel, Kenneth E., 4,534,768, Cl. 604-350.000.
  - Schneider, Barry L., 4,530,525, Cl. 285-200.000.
- Hollister, James: *See—*
  - Koblasz, Arthur; Hollister, James; and Alexander, Douglas, 4,559,979, Cl. 141-9.000.
- Hollister, Kenneth R.: *See—*
  - Washburn, William N.; and Hollister, Kenneth R., 4,557,998, Cl. 430-367.000.
- Hollman, Bert D.: *See—*
  - Simpson, Harold G.; and Hollman, Bert D., 4,497,151, Cl. 52-520.000.
- Hollman, Nils D. Hinge-type angle setting device. 4,531,417, 7-30-85, Cl. 74-96.000.
- Hollmann, Bernd, to Claas OHG. Method of baling, and baling press. 4,499,714, 2-19-85, Cl. 56-341.000.
- Hollmann, Bernd: *See—*
  - Moosbrucker, Karl; Hollmann, Bernd; and Freye, Theodor, 4,514,969, Cl. 56-341.000.
- Hollmann, Friedrich: *See—*
  - Feldmann, Hugo; Hollmann, Friedrich; Beisemann, Gerd; and Gartner, Horst, 4,519,233, Cl. 72-247.000.
- Hollmann, Martin; and Waclawik, Francis J., to Westinghouse Electric Corp.; and United States of America, Navy. Torpedo launcher. 4,523,538, 6-18-85, Cl. 114-238.000.
- Hollmann, Siegfried; Hoch, Dieter; and Bollinger, Heribert, to Wella Aktiengesellschaft. Heat treatment apparatus for heating human hair on the head. 4,541,442, 9-17-85, Cl. 132-9.000.
- Holloway, Clifford C., to Holloway, Lewis B.; and Holloway, Winford B., part interest to each. Process for treating municipal solid waste. 4,540,495, 9-10-85, Cl. 210-774.000.
- Holloway, David G.: *See—*
  - Massey, Roger G.; and Holloway, David G., 4,559,966, Cl. 137-270.000.
- Holloway, Falis E. Automatic gate opener. 4,520,592, 6-4-85, Cl. 49-358.000.
- Holloway, Gerald C., Jr.: *See—*
  - Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.
- Holloway, Kenneth A. Method for applying a splint. 4,530,352, 7-23-85, Cl. 128-89.00R.
- Holloway, Lewis B.: *See—*
  - Holloway, Clifford C., 4,540,495, Cl. 210-774.000.
- Holloway, Peter R., to Analog Devices, Incorporated. Two-stage high resolution digital-to-analog converter. 4,543,560, 9-24-85, Cl. 340-347.0DA.
- Holloway, Peter R., to Analog Devices, Incorporated. Single-supply IC digital-to-analog converter for use with microprocessors. 4,543,561, 9-24-85, Cl. 340-347.0DA.
- Holloway, Winford B.: *See—*
  - Holloway, Clifford C., 4,540,495, Cl. 210-774.000.
- Hollowell, Alan C.: *See—*
  - Heathcote, Geoffrey L.; and Hollowell, Alan C., 4,498,043, Cl. 324-61.00P.
- Hollowell, John F.: *See—*
  - Hollowell, John R.; and Hollowell, John F., 4,535,501, Cl. 15-339.000.
- Hollowell, John R.; and Hollowell, John F. Battery powered vacuum trash collector. 4,535,501, 8-20-85, Cl. 15-339.000.

- Hollowick, Inc.: *See—*
  - Menter, J. Alan; and Menter, Gerald A., 4,526,530, Cl. 431-34.000.
- Hollstein, Elmer J.: *See—*
  - Janoski, Edward J.; and Hollstein, Elmer J., 4,561,969, Cl. 208-262.000.
- Hollweck, Walter, to Thermostat- und Schaltgeratebau GmbH & Co. KG. Temperature responsive switch. 4,496,928, 1-29-85, Cl. 337-94.000.
- Hollweck, Walter; Marz, Kurt; and Eschenbacher, Herbert, to Inter Control Hermann Kohler Elektrik GmbH & Co. Bimetal controlled snap disc thermal switch. 4,528,541, 7-9-85, Cl. 337-354.000.
- Holly, Frank J., to Holles Laboratories. pH stabilized fluorescing ophthalmic composition containing fluorexon. 4,518,579, 5-21-85, Cl. 424-9.000.
- Holly, Harry H.; and Holly, James A., to Holly Systems, Inc. Method and apparatus for forming a patty to accommodate tissue fiber flow. 4,535,505, 8-20-85, Cl. 17-45.000.
- Holly, James A., to Holly Systems, Inc. Method and apparatus for forming a patty to accommodate tissue fiber flow. 4,541,143, 9-17-85, Cl. 17-45.000.
- Holly, James A.: *See—*
  - Holly, Harry H.; and Holly, James A., 4,535,505, Cl. 17-45.000.
- Holly, Kenneth: *See—*
  - Smith, Gehrard J.; and Holly, Kenneth, 4,519,034, Cl. 364-200.000.
- Holly Systems, Inc.: *See—*
  - Holly, Harry H.; and Holly, James A., 4,535,505, Cl. 17-45.000.
  - Holly, James A., 4,541,143, Cl. 17-45.000.
- Hollyday, Robert D.: *See—*
  - Althouse, Rickie M.; Beamenderfer, Robert E.; Durbin, Roger; Hollyday, Robert D.; and Kling, John P., 4,519,665, Cl. 339-147.00R.
- Hollymatic Corporation: *See—*
  - Wagner, Richard C., 4,530,132, Cl. 17-45.000.
- Holm, Daniel R. Dual valve well pump installation. 4,548,552, 10-22-85, Cl. 417-417.000.
- Holm, Donald R.: *See—*
  - Gutmann, Paul F.; and Holm, Donald R., 4,540,438, Cl. 106-97.000.
- Holm, Reimer: *See—*
  - Benninghoven, Alfred; Kampf, Gunther; and Holm, Reimer, 4,527,059, Cl. 250-288.000.
- Holm, Wilfried; Kloos, Jurgen; and Natke, Gerhard, to Institut fur Hochseefischerei und Fischverarbeitung. Process for the manufacture of knotlessly braided nets. 4,491,052, 1-1-85, Cl. 87-3.000.
- Holman, Ardee R. Emergency firehose switchover device for wells and the like. 4,520,872, 6-4-85, Cl. 169-54.000.
- Holman, Carroll; and Fite, Arley R. Outdoor water holding and pumping system. 4,491,150, 1-1-85, Cl. 137-565.000.
- Holman, Edward C.: *See—*
  - Fink, Carl M.; and Holman, Edward C., 4,505,190, Cl. 98-115.100.
- Holman, George B., Jr.: *See—*
  - Smith, Robert C.; and Holman, George B., Jr., 4,530,402, Cl. 166-291.000.
- Holman, Howard E.; and Turner, Roy D., to T. J. Electronics, Inc. Aircraft grounding receptacle. 4,525,014, 6-25-85, Cl. 339-14.00R.
- Holman, Howard E.; and Turner, Roy D., to T. J. Electronics, Inc. Aircraft grounding receptacle. 4,541,684, 9-17-85, Cl. 339-14.00L.
- Holman, J. Harrison; and Holman, Jay C. Method of convection cooking of food. 4,534,987, 8-13-85, Cl. 426-523.000.
- Holman, Jay C.: *See—*
  - Holman, J. Harrison; and Holman, Jay C., 4,534,987, Cl. 426-523.000.
- Holman, Paul D. Apparatus and method employing selectively stackable game pieces. 4,497,491, 2-5-85, Cl. 273-271.000.
- Holman, Rury R.: *See—*
  - Turner, Robert C.; Stone, Anthony B.; and Holman, Rury R., 4,498,904, Cl. 604-211.000.
- Holmberg, Albert E., to Holmberg Company, The. Prefabricated bindable sheet and binding method and apparatus. 4,525,116, 6-25-85, Cl. 412-8.000.
- Holmberg, Bengt M.: *See—*
  - Brorsson, Fritz L.; Dahlberg, Bengt A. G.; and Holmberg, Bengt M., 4,536,201, Cl. 55-189.000.
- Holmberg Company, The: *See—*
  - Holmberg, Albert E., 4,525,116, Cl. 412-8.000.
  - Holmberg, Thomas A., 4,551,374, Cl. 428-43.000.
- Holmberg, Gote: *See—*
  - Elwing, Ben; Foldi, Peter; and Holmberg, Gote, 4,499,824, Cl. 100-48.000.
- Holmberg, John M., to Boart International Limited. Connection of drill tubes. 4,530,527, 7-23-85, Cl. 285-382.400.
- Holmberg, Joyce D.: *See—*
  - Kinney, Ohler L., Jr.; and Holmberg, Joyce D., 4,514,202, Cl. 55-440.000.
- Holmberg, Scott H.; and Flasck, Richard A., to Energy Conversion Devices, Inc. Programmable cell for use in programmable electronic arrays. 4,499,557, 2-12-85, Cl. 365-163.000.
- Holmberg, Scott H., to Burroughs Corporation. Aluminum-refractory metal interconnect with anodized periphery. 4,531,144, 7-23-85, Cl. 357-71.000.
- Holmberg, Scott H.; and Flasck, Richard A., to Alphasil Incorporated. Method of manufacturing thin film transistors and transistors made thereby. 4,545,112, 10-8-85, Cl. 29-577.00R.
- Holmberg, Thomas A., to Holmberg Company, The. Continuous sheet with perforated tear-off driving edge and recessed reinforced inner edge. 4,551,374, 11-5-85, Cl. 428-43.000.
- Holme, Alan E. Gas pressure measuring circuit. 4,541,286, 9-17-85, Cl. 73-755.000.
- Holmen Chemicals Limited: *See—*
  - Payne, John D., 4,512,180, Cl. 73-7.000.
- Holmens Bruk Aktiebolag: *See—*
  - Noren, Per-Olle, 4,532,007, Cl. 162-161.000.
- Holmer, Larry G., to Refractory Products Co. Gas-fired radiant burner. 4,547,148, 10-15-85, Cl. 431-328.000.
- Holmer, Nils-Gunnar: *See—*
  - Salomonsson, Goran; Borjesson, Per O.; Mandersson, Bengt; Holmer, Nils-Gunnar; and Lindstrom, Kjell, 4,520,670, Cl. 73-602.000.
- Holmes, Allen B., to United States of America, Army. Fluidic mud pulse telemetry transmitter. 4,557,295, 12-10-85, Cl. 137-813.000.
- Holmes, Ann: *See—*
  - Sircar, Ila; and Holmes, Ann, 4,554,282, Cl. 514-357.000.
- Holmes, Curtis L.; Faber, William M., Sr.; Francis, Gaylord L.; and Boykin, Otis F., to CTS Corporation. Electrical resistor and method of making the same. 4,561,996, 12-31-85, Cl. 252-514.000.
- Holmes, Dale A.; and Waite, Thomas R., to Rockwell International Corporation. Common-pass decentered annular ring resonator. 4,514,850, 4-30-85, Cl. 372-95.000.
- Holmes, Dale A., to Rockwell International Corporation. Common-pass decentered annular ring resonator with improved polarization control. 4,516,244, 5-7-85, Cl. 372-99.000.
- Holmes, David S.: *See—*
  - Mughal, Ahmed S.; and Holmes, David S., 4,524,060, Cl. 424-19.000.
- Holmes, Donald P.; and McDonald, David I., to Cincinnati Milacron Inc. Impingement oven and method. 4,520,575, 6-4-85, Cl. 34-23.000.
- Holmes, Edward S. B., to Northern Telecom Limited. Thermal Fuse. 4,494,104, 1-15-85, Cl. 337-403.000.
- Holmes, George; and Keyser, Frank, to Vigil, Thomas R. Pelletizer. 4,529,370, 7-16-85, Cl. 425-142.000.
- Holmes, Gordon W., to Professional Packaging Limited. Book cover. 4,519,630, 5-28-85, Cl. 281-31.000.
- Holmes, Gordon W., to Professional Packaging Limited. Hinged coin holder. 4,541,528, 9-17-85, Cl. 206-0.820.
- Holmes, Horace D. Tap. 4,547,104, 10-15-85, Cl. 408-220.000.
- Holmes, James M.: *See—*
  - Christie, George M.; and Holmes, James M., 4,494,962, Cl. 44-15.00D.
- Holmes, John G.: *See—*
  - Resnick, Brian J.; Messina, Elena R.; Bhatia, Madhukar; and Holmes, John G., 4,538,233, Cl. 364-513.000.
- Holmes, Kenneth P., to Wide-Lite International, Inc. High frequency circuit for operating a high-intensity, gaseous discharge lamp. 4,535,271, 8-13-85, Cl. 315-209.00R.
- Holmes, Lawrence, Jr. Typewriter baseplate attachment enabling use of print keys for non-print operations. 4,502,798, 3-5-85, Cl. 400-66.000.
- Holmes, Michael: *See—*
  - Caddy, Stephen W.; and Holmes, Michael, 4,558,684, Cl. 123-609.000.
- Holmes, Paul A., to Imperial Chemical Industries PLC. Process for orienting partially crystallized 3-hydroxybutyrate polymers. 4,537,738, 8-27-85, Cl. 264-210.500.
- Holmes, Paul M.: *See—*
  - Crissy, Charles F.; and Holmes, Paul M., 4,553,888, Cl. 410-144.000.
- Holmes, Robert G., to Ohio Agricultural Research and Development Center, The. Seed planter, planter assembly and method of picking up and discharging single seeds. 4,515,291, 5-7-85, Cl. 221-211.000.
- Holmes, Robert G.; and Shearer, Scott A., to Ohio Agricultural Research & Development Center. Seed planter, planter assembly and method of picking up and discharging single seeds. 4,533,066, 8-6-85, Cl. 221-211.000.
- Holmes, Rory A.; and Sun, Eleanor, to Chicopee. Operating room gown and drape fabric. 4,501,792, 2-26-85, Cl. 428-299.000.
- Holmes, Russell C., to Eaton Corporation. Throttle modulator. 4,531,430, 7-30-85, Cl. 74-858.000.
- Holmes, Silas W.: *See—*
  - Goins, Dixie E.; Huggins, Harold V.; Burt, Edward A.; and Holmes, Silas W., 4,560,809, Cl. 568-789.000.
- Holmes, Wendell: *See—*
  - Dansie, Ryan F.; Holmes, Wendell; and Baird, Denzil B., 4,556,199, Cl. 254-348.000.
- Holmgren, Nils V.: *See—*
  - Veverka, Edward F.; Holmgren, Nils V.; and Martin, Donald R., 4,553,008, Cl. 200-148.00R.
- Holmgren, Per: *See—*
  - Ransheim, Anders P.; Thomsen, Arne; and Holmgren, Per, 4,517,845, Cl. 73-861.050.
- Holmquist, Howard E.: *See—*
  - Anderson, Arthur W.; Fritschel Scott J.; and Holmquist, Howard E., 4,522,995, Cl. 526-243.000.
- Holmsten, Richard B. Refrigeration system for ice rinks utilizing pressure control/metering valve. 4,514,992, 5-7-85, Cl. 62-235.000.
- Holmstrand, Allan L.: *See—*
  - Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., 4,517,041, Cl. 156-155.000.
  - Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., 4,536,992, Cl. 51-109.00R.
  - Kracke, Alan G.; Hennenfent, Douglas J.; and Holmstrand, Allan L., 4,559,743, Cl. 51-165.00R.
- Holmstrom, Roger P.: *See—*
  - Chi, Jim-Yong; and Holmstrom, Roger P., 4,510,016, Cl. 156-643.000.

Holmwood, Graham; and Regel, Erik, to Bayer Aktiengesellschaft. Substituted triazolylmethyl-oxiranes and their use as intermediates for fungicides. 4,499,281, 2-12-85, Cl. 548-262.000.

Holmwood, Graham, Lurssen, Klaus; and Frohberger, Paul-Ernst, to Bayer Aktiengesellschaft. Benzyl-pyrimidinylalkyl-ethers as plant growth regulators and fungicides, and corresponding pyrimidinylcarbinols. 4,515,617, 5-7-85, Cl. 71-76.000.

Holmwood, Graham; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Paul, Volker, to Bayer Aktiengesellschaft. Combating fungi with 1-phenoxy-2-pyrimidinyl alkanols. 4,518,600, 5-21-85, Cl. 514-256.000.

Holmwood, Graham; and Lurssen, Klaus, to Bayer Aktiengesellschaft. Method and compositions for regulating plant growth using pyrimidine-butanol compounds. 4,525,204, 6-25-85, Cl. 71-92.000.

Holmwood, Graham; Buchel, Karl H.; Lurssen, Klaus; Frohberger, Paul-Ernst; and Brandes, Wilhelm, to Bayer Aktiengesellschaft. Oxirane compounds. 4,532,341, 7-30-85, Cl. 549-559.000.

Holmwood, Graham; Stetter, Jorg; Buchel, Karl H.; Reinecke, Paul; Brandes, Wilhelm; and Scheinpflug, Hans, to Bayer Aktiengesellschaft. Fungicidally active substituted 1-hydroxyethyl-triazolyl derivatives. 4,548,945, 10-22-85, Cl. 514-383.000.

Holobaugh, Raymond E., to Mohasco Corporation. Height adjustment control arrangement. 4,493,469, 1-15-85, Cl. 248-406.100.

Holoch, Klaus: *See—*
- Barzynski, Helmut; and Holoch, Klaus, 4,515,877, Cl. 430-5.000.
- Barzynski, Helmut; and Holoch, Klaus, 4,555,471, Cl. 430-273.000.

Holoff, Geraldine, executrix: *See—*
- Holoff, Manning, deceased; and Holoff, Geraldine, executrix, 4,524,647, Cl. 294-99.200.

Holoff, Manning, deceased; and by Holoff, Geraldine, executrix. Tweezer assembly. 4,524,647, 6-25-85, Cl. 294-99.200.

Holometrics Inc.: *See—*
- Layer, Howard P., 4,541,496, Cl. 177-211.000.
- Scrivener, Thomas F.; and Schoonover, Randall M., 4,523,653, Cl. 177-147.000.

Holonyak, Nick, Jr., to University of Illinois, The Board of Trustees of The. Semiconductor device fabrication with disordering elements introduced into active region. 4,511,408, 4-16-85, Cl. 148-1.500.

Holopainen, Weikko R. Branch cutter mounted on front loader bucket. 4,536,976, 8-27-85, Cl. 37-117.500.

Holoubek, Andrew J.: *See—*
- Sedam, Jason K.; Mueller, Richard J.; and Holoubek, Andrew J., 4,493,441, Cl. 222-129.100.

Holoyda, Peter W.; Hollenbeck, Dennis W.; and Hill, William D., to General Electric Company. Testable optically isolated control circuit. 4,498,196, 2-5-85, Cl. 455-607.000.

Holroyd, Ralph; and Spiller, Peter O., to Lucas Industries Limited. Fuel pumping apparatus. 4,520,782, 6-4-85, Cl. 123-450.000.

Holscher & Leuschner GmbH & Co.: *See—*
- Leuschner, Peter, 4,498,424, Cl. 119-51.00R.

Holset Engineering Company Limited: *See—*
- French, Pierre B.; Antcliffe, David L.; and Donnellan, Gerald L., 4,526,004, Cl. 60-602.000.
- French, Pierre B.; and Langdon, Paul J., 4,543,041, Cl. 416-183.000.
- Szczupak, David T.; Walsham, Brian E.; Hooley, Desmond J.; Flaxington, David; McKean, Peter S.; and Wescott, John D., 4,499,732, Cl. 60-602.000.

Holshouser, Howard E.: *See—*
- Bonneau, Paul; Holshouser, Howard E.; and Rogers, Terrence E., 4,510,623, Cl. 455-181.000.

Holsinger, Jerry L.: *See—*
- Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,011, Cl. 364-200.000.
- Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,013, Cl. 364-200.000.

Holsinger, Ronald F.: *See—*
- Gluckstern, Robert L.; Holsinger, Ronald F.; and Lown, Robert R., 4,538,130, Cl. 335-306.000.

Holsopple, Peggy S., to Hercules Incorporated. Transparent liquid shower soap. 4,556,510, 12-3-85, Cl. 252-547.000.

Holst, Folke: *See—*
- Healy, George M.; Curry, Kenneth D.; Macmorine, Hildegarde M. G.; and Holst, Folke, 4,520,107, Cl. 435-240.000.

Holst, Hartwig: *See—*
- Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.

Holste, James C.: *See—*
- Hall, Kenneth R.; and Holste, James C., 4,527,435, Cl. 73-863.030.

Holstead, Colin: *See—*
- Clark, Bernard A.; Simons, Michael J.; and Holstead, Colin, 4,504,568, Cl. 430-203.000.

Holstedt, Richard A.; Baron, Kenneth; and Jessup, Peter J., to Union Oil Company of California. Boron containing heterocyclic compounds. 4,511,516, 4-16-85, Cl. 260-462.00R.

Holstedt, Richard A.; and Jessup, Peter J., to Union Oil Company of California. Bis(hydrocarbyloxy methylated) boron-containing, heterocyclic compounds and lubricating compositions containing the same. 4,533,480, 8-6-85, Cl. 252-46.400.

Holstedt, Richard A.; and Jessup, Peter J., to Union Oil Company of California. Boron-containing heterocyclic compounds and lubricating compositions containing the same. 4,557,843, 12-10-85, Cl. 252-46.400.

Holstein, Alfred H.: *See—*
- Abubakari, Allassan; and Holstein, Alfred H., 4,532,318, Cl. 528-483.000.

Holstein, Herbert: *See—*
- Borner, Roland; Holstein, Herbert; and Sennewald, Jurgen, 4,495,733, Cl. 51-165.00R.
- Borner, Roland; and Holstein, Herbert, 4,514,935, Cl. 51-165.00R.

Holstein & Kappert GmbH: *See—*
- Brakelmann, Wolfgang, 4,552,167, Cl. 137-15.000.
- Kruger, Roland; and Ehrlinger, Klaus, 4,550,029, Cl. 426-487.000.

Holstein, Siegbert, to Johannes Heidenhain GmbH. Length measuring apparatus. 4,534,113, 8-13-85, Cl. 33-125.00R.

Holsworth, Herbert. Dispenser for road vehicle. 4,491,275, 1-1-85, Cl. 239-663.000.

Holsworth, Herbert. Electrically heated steering wheel with adhesively attached foil strip heating element. 4,535,221, 8-13-85, Cl. 219-204.000.

Holsztynski, Wlodzimierz; and Wilson, Stephen S., to Environmental Research Institute of Michigan. Pipeline processor. 4,524,455, 6-18-85, Cl. 382-41.000.

Holt, Andrew; and White, David W., to M.P. United Drug Company Limited. Purification of gases. 4,536,375, 8-20-85, Cl. 423-247.000.

Holt, Anne; and Krutzler, James, to Celanese Corporation. Extrusion coating apparatus. 4,505,222, 3-19-85, Cl. 118-304.000.

Holt, David M.: *See—*
- Nicholson, Nicholas; Dowdy, Edward J.; Holt, David M.; and Stump, Charles J., Jr., 4,497,769, Cl. 376-257.000.

Holt, Dewey L., to R. J. Reynolds Tobacco Company. String remover. 4,551,897, 11-12-85, Cl. 29-235.000.

Holt, John K., to Harbor Branch Foundation, Inc. Automatic chemical analysis methods. 4,533,641, 8-6-85, Cl. 436-43.000.

Holt, John R., Jr., to General Electric Company. Noise blanking circuit and method. 4,521,917, 6-4-85, Cl. 455-223.000.

Holt, L. Bayles: *See—*
- Holladay, Thomas M.; and Holt, L. Bayles, 4,553,171, Cl. 358-263.000.

Holt, Neil L., to Raychem Corporation. Electrical connector. 4,553,809, 11-19-85, Cl. 339-275.00T.

Holt, Peter J., to Formflo Limited. Ring rolling. 4,510,781, 4-16-85, Cl. 72-105.000.

Holt, William, to Alarm Accessory Ltd. Electrical alarm system for installation in a window casing. 4,553,134, 11-12-85, Cl. 340-545.000.

Holt, William L.: *See—*
- Carbeau, Richard W.; Martin, James F.; Lanier, John H.; and Holt, William L., 4,520,741, Cl. 110-344.000.

Holtan, Donald C.: *See—*
- Bandy, Peter B.; Danen, John A.; Heise, Nyles N.; and Holtan, Donald C., 4,504,873, Cl. 360-63.000.

Holter, Heinz; Igelbuscher, Heinrich; Gresch, Heinrich; and Dewert, Heribert, to Holter, Heinz. Apparatus for the protection of air fed to a labor-protection or vehicle compartment. 4,530,817, 7-23-85, Cl. 422-122.000.

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Holter Regelarmaturen GmbH & Co. Kg: *See—*
- Wullenkord, Kurt, 4,505,865, Cl. 261-44.00R.

Holter, Walter, to Lohmann Apparatebau GmbH. Method and apparatus for automatically feeding great numbers of animals, especially pigs. 4,541,361, 9-17-85, Cl. 119-51.00R.

Holtermann, Ludwig K.: *See—*
- Lee, Leighton, II; O'Dell, Gerald W.; and Holtermann, Ludwig K., 4,492,360, Cl. 251-129.000.

Holtey, Thomas O.: *See—*
- Goss, Gary J.; Moles, Robert G. H.; Hinrichs, Randall D.; and Holtey, Thomas O., 4,542,517, Cl. 375-36.000.

Holtje, Wilfried G., to Ciba-Geigy Corporation. Process for preparing 2-anilinoacridone. 4,544,746, 10-1-85, Cl. 546-103.000.

Holtman, Dennis C., to Personal Products Company. Absorbent structure with reservoir. 4,501,586, 2-26-85, Cl. 604-380.000.

Holtman, Dennis C., to Personal Products Company. Stabilized absorbent structure and method of making same. 4,536,432, 8-20-85, Cl. 428-171.000.

Holtman, Dennis C., to Personal Products Company. Stabilized absorbent structure containing non-delignified wood pulp fibers. 4,544,596, 10-1-85, Cl. 428-171.000.

Holtman, Richard K.: *See—*
- Betzner, William E.; and Holtman, Richard K., 4,533,436, Cl. 162-261.000.

Holtman, Steve H.: *See—*
- McMahan, William H.; and Holtman, Steve H., 4,504,951, Cl. 372-38.000.

Holtmann, Gerhard: *See—*
- Blum, Rainer; Spoor, Herbert; Holtmann, Gerhard; and Osterloh, Rolf, 4,507,456, Cl. 528-45.000.

Holtmyer, Marlin D.; Harris, Phillip C.; and Hunt, Charles V., to Halliburton Company. Fracturing method for stimulation of wells utilizing carbon dioxide based fluids. 4,519,455, 5-28-85, Cl. 166-305.00R.

Holtmyer, Marlin D.; Harris, Phillip C.; and Hunt, Charles V., to Halliburton Company. Fracturing method for stimulation of wells utilizing carbon dioxide based fluids. 4,554,082, 11-19-85, Cl. 252-8.55R.

Holton, James A.; and Inman, James C., to Davy-Loewy Limited. Piston-cylinder assembly. 4,526,086, 7-2-85, Cl. 91-43.000.

Holton, Percy G., to Syntex Corporation. Process for the resolution of d,l 2-(6-methoxy-2-naphthyl)propionic acid. 4,515,811, 5-7-85, Cl. 514-554.000.

Holtrop, James S.; and Maurer, Richard P., to Monsanto Company. Thermoformable laminate structure. 4,526,829, 7-2-85, Cl. 428-245.000.

Holtrop, James S.; and Maurer, Richard P., to Monsanto Company. Thermoformable laminate structure. 4,529,641, 7-16-85, Cl. 428-198.000.

Holtrop, James S.; and Maurer, Richard P., to Monsanto Company. Process for preparing a thermoformable laminate structure. 4,531,994, 7-30-85, Cl. 156-307.300.

Holtrop, James S.; and Maurer, Richard P., to Monsanto Company. Laminate structure with improved acoustical absorption. 4,557,970, 12-10-85, Cl. 428-316.600.

Holtschmidt, Ulrich: *See—*

Gruning, Burghard; Holtschmidt, Ulrich; and Koerner, Gotz, 4,537,595, Cl. 8-115.600.

Holtz, Gilbert J. Luggage cart. 4,523,773, 6-18-85, Cl. 280-654.000.

Holtz, Gilbert J. Cart support for a computer printout. 4,526,399, 7-2-85, Cl. 280-655.000.

Holtz, Neal. Composite joist system. 4,549,381, 10-29-85, Cl. 52-337.000.

Holtzhauser, Joseph C.; and Kwasniewski, Dale L., to Eaton Corporation. Onboard tire inflation system. 4,498,515, 2-12-85, Cl. 152-417.000.

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Holvoet, Marcel; and Picard, Bernard, to Beghin-Say S.A. Non-woven material for medical compresses. 4,546,027, 10-8-85, Cl. 428-109.000.

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Rosenbaum, Stanley D.; and Holy, Zdenek J., 4,539,438, Cl. 179-18.0FA.

Holyoke, Caleb W., to Du Pont de Nemours, E. I., and Company. 4-pyridinium quinazoline derivatives. 4,502,880, 3-5-85, Cl. 71-74.000.

Holz, Emil, to Hermann Finckh Maschinenfabrik GmbH Co. Screen cage for separators for sorting fibre suspensions. 4,529,519, 7-16-85, Cl. 210-497.010.

Holz, George E.; and Ogle, James A., to Burroughs Corporation. Gas-filled dot matrix display panel. 4,532,505, 7-30-85, Cl. 340-775.000.

Holz, Joachim; Meier, Wolfgang; Schwarting, Karl-Heinz; Goris, Heinrich; and Ogorek, Kurt, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Supply of liquid media for a hydraulic-mechanically operating mine working machine with sword. 4,555,142, 11-26-85, Cl. 299-43.000.

Holz, Peter: *See—*

Grund, Peter; and Holz, Peter, 4,521,996, Cl. 51-434.000.

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Holzapfel, Georg Dr.: *See—*

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Holzbaur, Siegfried, to Carabo A.G. Folding boat with bow and stern sections. 4,522,143, 6-11-85, Cl. 114-344.000.

Holzel, Bernd. Swimming and life saving device. 4,538,998, 9-3-85, Cl. 441-122.000.

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Barrus, Gordon B.; Emenaker, Leo J.; Radke, Glen R.; Farb, Norman E.; and Holzer, Gerold, 4,498,793, Cl. 400-320.000.

Holzer, Helmut, to Carl Freudenberg, Firma. Shaft sealing ring. 4,504,068, 3-12-85, Cl. 277-164.000.

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Holzer, Walter. Thermo-electric responsive device. 4,509,328, 4-9-85, Cl. 60-528.000.

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Dinger, Hans; Holzhauer, Hilbert; and Lang, Erberhard, 4,522,358, Cl. 244-[illegible]

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Holzhauser, Ronald C.; McGlen, James A.; and Lawniczak, Gary P., to Eastman Kodak Company. Apparatus for mounting a document feeder on a copier/duplicator. 4,520,977, 6-4-85, Cl. 248-201.000.

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Holzinger, Karl: *See—*

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Eckhardt, Claude; and Holzle, Gerd, 4,540,518, Cl. 260-242.200.

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Holzmann, Josef: *See—*

Krappel, Alfred; Guggenmos, Johannes; and Holzmann, Josef, 4,506,643, Cl. 123-418.000.

Holzner, Gunter, to Firmenich SA. Multiple compartment plastic packing. 4,534,509, 8-13-85, Cl. 239-34.000.

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Cyriax, Wilhelm; Tamboers, Gerhard; and Holzschuh, Johannes, 4,500,274, Cl. 425-185.000.

Hom, Foo S.: *See—*

Ebert, William R.; Hom, Foo S.; and Kindt, Warren W., 4,532,126, Cl. 424-48.000.

Hom, Wai L.: *See—*

Prengaman, Richard J.; Thurber, Robert E.; Phipps, Joe; Greenberg, Ronald I.; Hom, Wai L.; Jaworski, James F.; and Riffle, Guy W., 4,550,318, Cl. 343-5.0PD.

Homac Mfg. Company: *See—*

Larsen, Howard M., 4,552,609, Cl. 156-358.000.

McGrane, Eugene W., 4,513,169, Cl. 174-138.00F.

McGrane, Eugene W., 4,547,627, Cl. 174-138.00F.

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Homanner, Alfons: *See—*

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Hombu, Mitsuyuki: *See—*

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- Homburg, Axel: *See—*
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- Home Care Industries, Inc.: *See—*
  - Weinstein, Raymond P., 4,512,788, Cl. 55-374.000.
- Home of Champions, S.A.: *See—*
  - Tomar, Julius, 4,498,667, Cl. 273-60.00B.
- Homecrest Industries Incorporated: *See—*
  - Apissomian, Arthur A., 4,503,780, Cl. 108-27.000.
- Homer, Joseph A., to General Electric Company, p.l.c., The. Telecommunication system loop-back unit. 4,560,842, 12-24-85, Cl. 179-81.00R.
- Homersen, Achim: *See—*
  - Boos, Jurgen; Homersen, Achim; and Schirmag, Klaus-Peter, 4,505,692, Cl. 474-111.000.
- Homeyer, Bernhard: *See—*
  - Fuchs, Rainer; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,491,585, Cl. 424-263.000.
  - Fuchs, Rainer; Klauke, Erich; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,529,557, Cl. 260-465.00D.
  - Heywang, Gerhard; Kuhle, Engelbert; Behrenz, Wolfgang; Hammann, Ingeborg; and Homeyer, Bernhard, 4,507,292, Cl. 514-183.000.
  - Jager, Gerhard; Fauss, Rudolf; Findeisen, Kurt; Becker, Benedikt; and Homeyer, Bernhard, 4,562,185, Cl. 514-229.000.
  - Kruger, Bernd-Wieland; Homeyer, Bernhard; Hammann, Ingeborg; and Stendel, Wilhelm, 4,548,931, Cl. 514-141.000.
  - Maurer, Fritz; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,503,057, Cl. 514-269.000.
  - Maurer, Fritz; Homeyer, Bernhard; and Hammann, Ingeborg, 4,513,000, Cl. 514-407.000.
  - Maurer, Fritz; Homeyer, Bernhard; and Becker, Benedikt, 4,535,091, Cl. 514-407.000.
  - Maurer, Fritz; Homeyer, Bernhard; Becker, Benedikt; and Hanssler, Gerd, 4,542,126, Cl. 514-86.000.
  - Salzburg, Herbert; Fauss, Rudolf; Findeisen, Kurt; and Homeyer, Bernhard, 4,556,649, Cl. 514-63.000.
- Homma, Fumiko: *See—*
  - Suzuki, Shintaro; Fujita, Hirotsugu; Asami, Yoshiaki; and Homma, Fumiko, 4,548,880, Cl. 429-162.000.
- Homma, Teiichi: *See—*
  - Kobayashi, Nobuyoshi; Iwata, Seiichi; Yamamoto, Naoki; Matsuo, Hitoshi; and Homma, Teiichi, 4,505,028, Cl. 29-578.000.
- Homma, Yoshifumi: *See—*
  - Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.
- Homma, Yoshio: *See—*
  - Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, 4,539,616, Cl. 360-125.000.
- Hommema Van 1825 B.V.: *See—*
  - Griffioen, Geurt, 4,504,375, Cl. 204-196.000.
- Homola, Andrew M.; and Sussner, Heinrich, to International Business Machines Corporation. Lubricated magnetic recording disk. 4,542,071, 9-17-85, Cl. 428-428.000.
- Homola, Andrew M.: *See—*
  - Eldridge, Jerome M.; and Homola, Andrew M., 4,521,451, Cl. 427-130.000.
- Homolik, Mathew W., to Energy Cap, Inc. Chimney cap. 4,528,897, 7-16-85, Cl. 98-59.000.
- Homsy, Robert V.: *See—*
  - Starkston, Robert; Luce, Mark C.; and Homsy, Robert V., 4,539,189, Cl. 423-220.000.
- Homuth, Horst: *See—*
  - Schuster, Claus; and Homuth, Horst, 4,527,993, Cl. 8-471.000.
- Hon, Edward H., to American Home Products Corporation (Del.). Monitoring of capillary blood flow. 4,541,439, 9-17-85, Cl. 128-691.000.
- Hon Industries, Inc.: *See—*
  - Hasbrouck, Gene B., deceased, 4,516,619, Cl. 160-135.000.
- Honaga, Susumu; and Sutoh, Satoshi, to Toyoda Koki Kabushiki Kaisha. Vane pump with positioning pins for cam ring and side plates. 4,505,655, 3-19-85, Cl. 418-133.000.
- Honard, Mark R.: *See—*
  - Beer, Henri B.; Hinden, Jean M.; Honard, Mark R.; Bishara, Jeries I.; and Walker, Joseph K., Jr., 4,543,348, Cl. 502-101.000.
- Honbu, Mitsuyuki; Matsuda, Yasuo; Suzuki, Katsunori; and Kajita, Yoshiki, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Inverter device using gate turn-off thyristors. 4,549,258, 10-22-85, Cl. 363-71.000.
- Honchar, Dennis R.: *See—*
  - Geary, David F.; Honchar, Dennis R.; and Miller, Robert P., 4,540,637, Cl. 428-626.000.
- Honda Denshi Giken Co., Ltd.: *See—*
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  - Ajiki, Yoshio; and Matsuura, Masaaki, 4,537,164, Cl. 123-90.160
  - Ando, Yoshio; Kumagai, Shuno; and Kinugasa, Toshiyuki, 4,552,715, Cl. 264-309.000.
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  - Arai, Sakuji; Sato, Katsuaki; Kochi, Susumu; and Hishida, Hiroaki, 4,559,776, Cl. 60-280.000.
  - Arakawa, Tetsuo; and Nagahiro, Kenichi, 4,516,538, Cl. 123-52.00M.
  - Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, 4,505,774, Cl. 156-499.000.
  - Arigaya, Hideto; Katsui, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, 4,559,249, Cl. 428-36.000.
  - Asaka, Urataro; Kanai, Shigeo; Tanaka, Yasuhiro; and Iwamoto, Kazuya, 4,551,074, Cl. 417-366.000.
  - Asano, Akira, 4,495,903, Cl. 123-90.380.
  - Atarashi, Kazuya, 4,552,399, Cl. 296-37.120.
  - Ban, Keisuke; and Daimaru, Akimasa, 4,498,219, Cl. 29-156.50R.
  - Ban, Keisuke; Arai, Takeo; Sakakibara, Tatsuo; and Miyake, Noriaki, 4,506,721, Cl. 164-97.000.
  - Ban, Keisuke; and Daimaru, Akimasa, 4,534,400, Cl. 164-97.000.
  - Ban, Masaki, 4,520,688, Cl. 74-572.000.
  - Ebisawa, Masuo; Kawase, Akio; and Nakamura, Akiyoshi, 4,519,436, Cl. 164-120.000.
  - Enomoto, Masaru; Kimura, Kenji; and Kawada, Keiichi, 4,519,364, Cl. 123-432.000.
  - Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, 4,552,414, Cl. 303-115.000.
  - Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, 4,561,701, Cl. 303-119.000.
  - Fujii, Isao; Nishimura, Hiroyuki; and Kato, Masaaki, 4,491,104, Cl. 123-291.000.
  - Fujii, Takayuki; and Tanaka, Norio, 4,498,700, Cl. 296-78.100.
  - Fujimura, Akira; and Ozaki, Shunzaburo, 4,495,922, Cl. 123-440.000.
  - Fujitaka, Nobuo; Fujisaki, Masaru; and Hagiwara, Yoshitoshi, 4,527,839, Cl. 301-63.0DD.
  - Fukamachi, Masaaki; and Sueyoshi, Masahiko, 4,506,216, Cl. 324-166.000.
  - Funabashi, Katsunori, 4,537,273, Cl. 180-229.000.
  - Furukawa, Nobuyuki; and Sanbe, Mitsuhiro, 4,500,478, Cl. 261-52.000.
  - Furukawa, Yoshimi; and Sano, Shoichi, 4,538,824, Cl. 280-91.000.
  - Furukawa, Yoshimi; Sano, Shoichi; Takamatsu, Hiroshi; and Sato, Makoto, 4,553,768, Cl. 280-91.000.
  - Furukawa, Yoshimi; Sano, Shoichi; and Takamatsu, Hiroshi, 4,558,877, Cl. 280-91.000.
  - Fuse, Genzo, 4,542,845, Cl. 228-45.000.
  - Gotoda, Yusuke; and Yoshimura, Toshimitsu, 4,494,637, Cl. 192-48.400.
  - Gotoh, Isamu; Watanabe, Masaki; Wakatsuki, Goroei; Shimoyama, Hiroshi; and Matsuzawa, Masakazu, 4,529,055, Cl. 180-210.000.
  - Hamane, Masumi; and Onda, Takanori, 4,557,345, Cl. 180-229.000.
  - Hasegawa, Shumpei, 4,495,925, Cl. 123-480.000.
  - Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, 4,498,445, Cl. 123-489.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,502,443, Cl. 123-440.000.
  - Hasegawa, Shumpei; and Otobe, Yutaka, 4,503,829, Cl. 123-492.000.
  - Hasegawa, Shumpei, 4,503,834, Cl. 123-589.000.
  - Hasegawa, Shumpei, 4,506,641, Cl. 123-339.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,508,083, Cl. 123-491.000.
  - Hasegawa, Shumpei; and Kishi, Noriyuki, 4,508,088, Cl. 123-493.000.
  - Hasegawa, Shumpei, 4,509,485, Cl. 123-440.000.
  - Hasegawa, Shumpei; Otobe, Yutaka; Kishi, Noriyuki; and Koumura, Takashi, 4,509,489, Cl. 123-489.000.
  - Hasegawa, Shumpei, 4,513,722, Cl. 123-492.000.
  - Hasegawa, Shumpei; and Otobe, Yutaka, 4,515,009, Cl. 73-118.000.
  - Hasegawa, Shumpei; and Makino, Yuzi, 4,526,144, Cl. 123-339.000.
  - Hasegawa, Shumpei; Gotoh, Osamu; and Otobe, Yutaka, 4,526,153, Cl. 123-480.000.
  - Hasegawa, Shumpei; and Kishi, Noriyuki, 4,527,521, Cl. 123-326.000.
  - Hasegawa, Shumpei, 4,553,516, Cl. 123-339.000.
  - Hasegawa, Shumpei, 4,557,242, Cl. 123-589.000.
  - Hasegawa, Shumpei; and Shiraiwa, Michitaka, 4,558,682, Cl. 123-589.000.
  - Hattori, Torao, 4,493,402, Cl. 192-326.000.
  - Hattori, Torao, 4,512,753, Cl. 474-242.000.
  - Hattori, Torao, 4,522,613, Cl. 474-245.000.
  - Hattori, Torao, 4,526,561, Cl. 474-242.000.
  - Hattori, Torao, 4,530,256, Cl. 74-689.000.
  - Hattori, Torao, 4,547,181, Cl. 474-204.000.
  - Hattori, Torao, 4,552,548, Cl. 474-201.000.
  - Hattori, Torao, 4,552,549, Cl. 474-202.000.
  - Hattori, Torao, 4,560,369, Cl. 474-28.000.
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  - Hayashi, Tsutomu, 4,494,800, Cl. 303-6.00A.
  - Hibino, Yoshitaka; and Ozaki, Syunzaburo, 4,532,900, Cl. 123-327.000.
  - Hidaka, Yoshiaki; and Shinagawa, Hiroshi, 4,538,565, Cl. 123-196.00R.
  - Higuchi, Kazuo, 4,508,362, Cl. 280-804.000.
  - Hirai, Seiichi; and Otsuka, Nobuyuki, 4,494,941, Cl. 464-145.000.
  - Hiroyasu, Minoru; Yamagishi, Shigeru; Yamashita, Hideo; Yamada, Susumu; and Takahashi, Koji, 4,545,706, Cl. 408-1.0BD.
  - Hiroyasu, Minoru; Yamashita, Hideo; Ohguro, Tamotsu; Yamagishi, Shigeru; and Shino, Shigenari, 4,555,205, Cl. 408-150.000.

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Ishikawa, Yoshikazu; and Hashiguchi, Makoto, 4,513,723, Cl. 123-492.000.
Ishikawa, Yoshikazu; and Kiuchi, Takeo, 4,548,181, Cl. 123-492.000.
Isono, Tokio; and Tsunoda, Kazuhiko, 4,531,755, Cl. 280-277.000.
Itoh, Kazuhiro; Sugisaki, Mutsuo; and Tanaka, Hiroshi, 4,532,685, Cl. 29-156.40R.
Itoh, Kazuhito; and Kondo, Makoto, 4,541,510, Cl. 184-6.120.
Iwai, Kazuhiro; Masuda, Tatsuo; and Takayanagi, Shinji, 4,541,502, Cl. 180-217.000.
Kadowaki, Satoshi; and Ikeda, Yuzi, 4,538,044, Cl. 219-80.000.
Kami, Yozo; Minakawa, Masaaki; and Kubo, Kenji, 4,538,831, Cl. 280-666.000.
Kamiya, Tadashi; Kawasaki, Kazuhiro; and Muranaka, Akio, 4,519,099, Cl. 2-424.000.
Kamiya, Tadashi, 4,519,472, Cl. 180-227.000.
Kamiya, Tadashi; and Hayashi, Kiyotaka, 4,554,990, Cl. 180-197.000.
Kanemura, Shinji; and Tachikawa, Shoji, 4,545,455, Cl. 180-197.000.
Kashiwai, Mikio, 4,540,062, Cl. 180-227.000.
Katano, Hiroki; Nishida, Hisato; Semba, Katsumi; Enomoto, Kouji; and Uchida, Kazu, 4,560,198, Cl. 296-185.000.
Katayama, Hiroomi; and Hirosawa, Yoshiaki, 4,494,518, Cl. 123-612.000.
Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,499,875, Cl. 123-416.000.
Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,502,441, Cl. 123-416.000.
Katoh, Hisashi; Shinagawa, Hiroshi; and Miura, Keiji, 4,502,424, Cl. 123-41.860.
Katoh, Tadashi, 4,551,594, Cl. 200-82.00R.
Kawaguchi, Takeshi, 4,550,809, Cl. 188-18.00A.
Kawaguchi, Takeshi; Ishikawa, Yoshimi; and Oonishi, Taizo, 4,552,373, Cl. 280-276.000.
Kawaguchi, Takeshi, 4,553,769, Cl. 280-276.000.
Kawasaki, Katsuyoshi, 4,541,501, Cl. 180-215.000.
Kawasaki, Kazuhiro; and Muranaka, Akio, 4,556,994, Cl. 2-424.000.
Kimura, Kenji; and Nishikawa, Masayasu, 4,537,166, Cl. 123-90.360.
Kishi, Noriyuki; and Hasagawa, Shumpei, 4,494,512, Cl. 123-489.000.
Kishi, Noriyuki; Koumura, Takashi; and Hosokawa, Takehiko, 4,531,490, Cl. 123-339.000.
Kishi, Noriyuki; and Hirao, Yoshikazu, 4,541,386, Cl. 123-479.000.
Kishi, Noriyuki, 4,541,398, Cl. 123-571.000.
Kishida, Eiji; Isobe, Yoshinobu; Hara, Fumio; and Hasegawa, Shumpei, 4,553,521, Cl. 123-587.000.
Kishida, Eiji; and Asakura, Masahiko, 4,561,394, Cl. 123-179.00G.
Kobayashi, Hideo; and Fukutomi, Yohji, 4,541,400, Cl. 123-589.000.
Koga, Noritaka; Suzuki, Takanori; Nakamura, Kenji; Suzuki, Hitoshi; and Ogano, Takeo, 4,513,702, Cl. 123-193.00H.
Koinuma, Yutaka; Ikenoya, Yasuo; and Hayashi, Akira, 4,546,843, Cl. 180-229.000.
Komuro, Katsusuke, 4,549,629, Cl. 180-219.000.
Kondo, Makoto, 4,497,285, Cl. 123-41.650.
Kondo, Makoto, 4,561,855, Cl. 464-47.000.
Koumura, Takashi; and Nakajima, Toyohei, 4,513,713, Cl. 123-339.000.
Koumura, Takashi, 4,549,516, Cl. 123-478.000.
Koumura, Takashi, 4,549,518, Cl. 123-478.000.
Koyanagi, Takahiro; and Sakaoka, Hiromu, 4,517,940, Cl. 123-198.00E.
Kubo, Kanji, 4,541,641, Cl. 277-183.000.
Kurata, Noboru; Miyazaki, Kunio; and Yamamoto, Kuniyuki, 4,494,623, Cl. 180-230.000.
Kurata, Noboru; Miyazaki, Kunio; and Yamamoto, Kuniyuki, 4,498,553, Cl. 180-230.000.
Kurata, Noboru; and Ito, Toshifumi, 4,530,681, Cl. 474-111.000.
Kurihara, Norimitsu; Suzuki, Toshiyasu; Iwanaga, Takashi; and Hisadomi, Masaru, 4,535,547, Cl. 33-356.000.
Kurihara, Norimitsu; and Imai, Takeshi, 4,536,687, Cl. 318-480.000.
Maru, Hideki; and Mitsui, Tetsuro, 4,544,180, Cl. 280-689.000.
Masuda, Shoji, 4,497,286, Cl. 123-52.00M.
Matsubara, Soichi; Morita, Hirobumi; and Watanabe, Shinpei, 4,535,927, Cl. 228-6.100.
Matsuda, Minoru; and Mitsuishi, Toshiro, 4,534,322, Cl. 123-55.00R.
Matsuda, Tamotsu, 4,534,507, Cl. 237-12.30A.
Matsuura, Masaaki; and Nakano, Yoshikatsu, 4,515,121, Cl. 123-198.00F.
Mitsuishi, Toshiro, 4,496,020, Cl. 180-219.000.
Miura, Nobuo; and Ishii, Norihisa, 4,491,121, Cl. 123-631.000.
Miura, Nobuo; and Ishii, Norihisa, 4,516,554, Cl. 123-418.000.
Miyakoshi, Shinichi; and Isono, Tokio, 4,497,506, Cl. 280-703.000.
Miyakoshi, Shinichi; and Tsunoda, Kazuhiko, 4,511,013, Cl. 180-227.000.
Miyakoshi, Shinichi; and Oyama, Kazuo, 4,519,471, Cl. 180-219.000.
Miyakoshi, Shinichi; and Hara, Naoto, 4,549,510, Cl. 123-90.270.
Miyatake, Satoshi; Abe, Mitsuo; Kume, Masao; Yonemura, Shigehiro; and Umino, Hiroshi, 4,561,216, Cl. 51-165.920.
Motoki, Kenichi; and Ushiroyama, Nobuyasu, 4,557,671, Cl. 417-328.000.
Munakata, Shunsaku; Ukai, Hitoshi; Noguchi, Mitsuru; and Sawai, Shinichi, 4,555,380, Cl. 264-510.000.
Murayama, Masato, 4,517,417, Cl. 179-156.00R.
Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, 4,522,082, Cl. 74-512.000.
Nagase, Hidenobu; Suzuki, Shigeru; and Shimada, Shinichi, 4,519,371, Cl. 123-470.000.
Naito, Hiroyasu, 4,546,345, Cl. 340-542.000.
Nakadate, Toshihiko; and Numata, Morikuni, 4,550,236, Cl. 219-86.310.
Nakadate, Toshihiko; Numata, Morikuni; Hamada, Akio; and Tsujii, Gen, 4,559,438, Cl. 219-90.000.
Nakajima, Tetsuo; and Kumata, Hirotaka, 4,493,304, Cl. 123-479.000.
Nakajima, Toyohei; and Hosokawa, Takehiko, 4,505,246, Cl. 123-489.000.
Nakajima, Toyohei; and Tomono, Kiyohisa, 4,539,967, Cl. 123-585.000.
Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,517,565, Cl. 340-995.000.
Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,521,777, Cl. 340-995.000.
Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,524,357, Cl. 340-995.000.
Nakanishi, Yasuo; Sakamoto, Kazunori; Ando, Giichi; and Watanabe, Teruoki, 4,519,854, Cl. 148-127.000.
Nakano, Yoshikatsu; Matsuura, Masaaki; and Akiyama, Minoru, 4,497,288, Cl. 123-52.00M.
Nakano, Yoshikatsu; and Matsuura, Masaaki, 4,535,732, Cl. 123-90.160.
Nakano, Yoshikatsu; and Matsuura, Masaaki, 4,545,342, Cl. 123-198.00F.
Narasaka, Shin; Otsuka, Kazuo; and Kishida, Eiji, 4,526,148, Cl. 123-440.000.
Nishikawa, Masao; and Aoki, Takashi, 4,491,840, Cl. 340-903.000.
Nishikawa, Masao; and Aoki, Takashi, 4,505,351, Cl. 180-169.000.
Nishikawa, Masao; Hattori, Torao; Aoki, Takashi; and Yoshizawa, Hiroshi, 4,513,638, Cl. 74-866.000.
Nishikawa, Masao; Aoki, Takashi; Sakai, Shinzo; and Yoshizawa, Hiroshi, 4,516,671, Cl. 192-.076.
Nishikawa, Masao; Aoki, Takashi; Sato, Yoichi; and Yoshizawa, Hiroshi, 4,534,236, Cl. 74-364.000.
Nishikawa, Masao; and Aoki, Takashi, 4,535,652, Cl. 74-733.000.
Nishikawa, Masao; and Sakai, Shinzou, 4,548,307, Cl. 192-0.076.
Nishimura, Sadanori; and Kinoshita, Katsuharu, 4,541,515, Cl. 192-85.0AA.
Noda, Azusa; Fujitaka, Nobuo; and Fujisaki, Masaru, 4,540,193, Cl. 280-284.000.
Nomura, Toshio; Imai, Yasuhiro; Aoi, Tomio; Nakajima, Tetsuo; and Irino, Hiroshi, 4,498,440, Cl. 123-438.000.
Nomura, Toshio; Taguchi, Eiji; and Aoi, Tomio, 4,538,577, Cl. 123-452.000.
Nonaka, Toshihiko; and Toda, Tetsuo, 4,559,868, Cl. 98-2.080.
Numata, Morikuni; and Nakadate, Toshihiko, 4,551,605, Cl. 219-86.310.
Ochiai, Hideo; Hamane, Masumi; and Kimoto, Masahiko, 4,519,473, Cl. 180-229.000.
Oe, Hidemi; and Hayashi, Kiyotaka, 4,542,506, Cl. 371-9.000.
Ogano, Takeo; Sueshige, Hiroshi; and Hatakeyama, Sakichi, 4,514,917, Cl. 37-249.000.
Ogishima, Tetsuo, 4,515,405, Cl. 296-78.100.
Ogishima, Tetsuo, 4,539,627, Cl. 362-72.000.
Ohhashi, Yasuo, 4,547,179, Cl. 474-152.000.
Ohhashi, Yasuo; Araki, Junichi; and Katsui, Yoshihiro, 4,548,592, Cl. 474-168.000.

Ohmori, Taiji; Sato, Makoto; and Tsuchiya, Yoshikazu, 4,494,801, Cl. 303-92.000.

Ohmori, Yoshitaka; and Nebu, Hideaki, 4,492,250, Cl. 137-590.000.

Ohoka, Yuzo, 4,527,443, Cl. 74-417.000.

Ohyama, Kazuo; and Kitami, Takashi, 4,519,344, Cl. 123-55.0VF.

Oike, Ikuo; and Miyata, Takahide, 4,545,200, Cl. 60-314.000.

Oike, Ikuo, 4,554,785, Cl. 60-314.000.

Okubo, Akira; and Miura, Seishi, 4,553,388, Cl. 60-276.000.

Okubo, Takeshi; Kodachi, Hideo; and Miyanaka, Masaki, 4,550,488, Cl. 29-568.000.

Omori, Yoshitaka, 4,561,519, Cl. 180-227.000.

Onda, Takanori; and Saito, Takeo, 4,505,352, Cl. 180-219.000.

Ooka, Yuzo, 4,491,031, Cl. 74-337.500.

Ooka, Yuzo, 4,518,070, Cl. 192-85.0CA.

Osaki, Kiyoshi; and Koinuma, Yutaka, 4,527,518, Cl. 123-90.230.

Otaka, Shoichi; Kondo, Yukio; Kumada, Masayuki; Kawamoto, Hideyo; and Miura, Keiji, 4,517,951, Cl. 123-572.000.

Otani, Junji; Ikenoya, Yasuo; and Araki, Masafumi, 4,492,209, Cl. 123-568.000.

Otani, Junji; and Hirano, Makoto, 4,535,746, Cl. 123-556.000.

Otobe, Yutaka; and Yamato, Akihiro, 4,491,115, Cl. 123-493.000.

Otobe, Yutaka, 4,492,203, Cl. 123-478.000.

Otobe, Yutaka, 4,510,911, Cl. 123-493.000.

Otobe, Yutaka, 4,528,968, Cl. 123-571.000.

Otobe, Yutaka; and Kishi, Noriyuki, 4,542,728, Cl. 123-440.000.

Ozone, Takashi; Hayakawa, Shohei; Nakajima, Fusao; Yamada, Keiichi; and Araki, Kazuo, 4,527,356, Cl. 51-101.00R.

Sakaino, Michio; Igarashi, Hisashi; and Taniguchi, Yutaka, 4,495,904, Cl. 123-179.00G.

Sakata, Mamoru; and Minakawa, Masaaki, 4,530,415, Cl. 180-297.000.

Sakata, Yoshiyasu, 4,531,653, Cl. 220-85.00S.

Sakuma, Kazuyoshi; Nihei, Tetsuo; and Maki, Toshio, 4,505,144, Cl. 72-345.000.

Sanada, Makoto, 4,542,651, Cl. 73-250.000.

Sano, Shoichi; and Furukawa, Yoshimi, 4,505,491, Cl. 280-91.000.

Sano, Shoichi; and Furukawa, Yoshimi, 4,506,899, Cl. 280-91.000.

Sano, Shoichi; and Furukawa, Yoshimi, 4,522,416, Cl. 280-91.000.

Sano, Shoichi; and Furukawa, Yoshimi, 4,522,417, Cl. 280-91.000.

Sano, Shoichi; and Fufukawa, Yoshimi, 4,557,493, Cl. 280-91.000.

Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, 4,496,170, Cl. 280-801.000.

Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, 4,531,762, Cl. 280-801.000.

Sato, Makoto, 4,515,412, Cl. 303-6.00R.

Sato, Makoto; and Fujii, Etsuo, 4,526,426, Cl. 303-6.00C.

Sato, Makoto; and Tsuch, Yoshikazu, 4,545,623, Cl. 303-92.000.

Sato, Toshihiko; and Yamagata, Tetsuo, 4,546,746, Cl. 123-478.000.

Satoh, Kazuo, 4,520,892, Cl. 180-219.000.

Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.

Sekizaki, Satoshi; Hosoya, Eiji; and Takasu, Hotoyuki, 4,534,440, Cl. 180-215.000.

Senga, Akihisa; Hidaka, Yoshiaki; and Tsuchiyama, Tadashi, 4,513,698, Cl. 123-52.0MV.

Senga, Akihisa, 4,528,969, Cl. 123-572.000.

Shiga, Mitsuo, 4,535,866, Cl. 180-215.000.

Shimazaki, Taiichi; and Takenaka, Masahico, 4,534,439, Cl. 180-215.000.

Shimizu, Motohiro; and Fujii, Shigeru, 4,535,281, Cl. 322-28.000.

Shimizu, Yasuo; Asanuma, Nobuyoshi; and Kami, Yozo, 4,504,081, Cl. 280-714.000.

Shimizu, Yasuo, 4,557,705, Cl. 474-13.000.

Shioya, Toshio; and Kimura, Katsuhiko, 4,516,555, Cl. 123-470.000.

Shirakura, Masaru, 4,558,566, Cl. 60-314.000.

Shiratsuchi, Kouji, 4,556,119, Cl. 180-219.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; Sugimura, Masao; and Takahashi, Fumitaka, 4,494,116, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,531,123, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,535,334, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Sugimura, Masao, 4,535,335, Cl. 340-995.000.

Takada, Minoru, 4,518,204, Cl. 301-63.00R.

Takada, Minoru, 4,561,670, Cl. 280-281.00R.

Takagi, Masatoshi; and Annaka, Wataru, 4,497,293, Cl. 123-196.00A.

Takamizawa, Masae; Kan, Shigenobu; and Mukainakano, Masato, 4,538,401, Cl. 56-11.800.

Takenaka, Masahiko, 4,522,442, Cl. 296-37.100.

Takeo, Tadashi; Yamamoto, Toru; and Yamashita, Sachihiro, 4,515,521, Cl. 414-735.000.

Takeuchi, Hiroo; and Miyazaki, Kazuo, 4,554,786, Cl. 60-397.000.

Tanaka, Hiroshi; Sugisaki, Mutuo; and Itoh, Kazuhiro, 4,539,895, Cl. 92-249.000.

Tanaka, Norio; Miura, Takeo; and Miyata, Jiro, 4,536,005, Cl. 280-289.00S.

Tanaka, Norio, 4,540,189, Cl. 280-270.000.

Tanaka, Shuji; Nakamura, Shigehira; Sakamoto, Tuneaki; Hirakata, Yoshiaki; and Yamagata, Tetsuo, 4,558,460, Cl. 381-86.000.

Toki, Susumu; and Nagahiro, Kenichi, 4,501,234, Cl. 123-41.860.

Tomita, Takao; Akiba, Masahiro; Toyota, Hideki; and Terada, Yasuo, 4,522,029, Cl. 60-314.000.

Tomita, Takao; Tottori, Takumi; Terada, Yasuo; Toyota, Hideki; and Akiba, Masahiro, 4,539,813, Cl. 60-314.000.

Toyama, Shozo; and Yatabe, Fumio, 4,559,917, Cl. 123-571.000.

Tsuboi, Masaharu, 4,510,820, Cl. 74-474.000.

Tsuboi, Masaharu, 4,513,838, Cl. 180-219.000.

Tsuboi, Masaharu, 4,515,038, Cl. 74-606.00R.

Tsuchida, Tetsuo; and Horiike, Satoru, 4,506,755, Cl. 180-227.000.

Tsuchiyama, Tadashi; and Hidaka, Yoshiaki, 4,559,910, Cl. 123-195.00R.

Tsukamoto, Hiroaki, 4,534,173, Cl. 60-606.000.

Tsunoda, Kazuhiko, 4,505,492, Cl. 280-284.000.

Tsunoda, Kazuhiko; and Hattori, Shigeru, 4,533,153, Cl. 280-277.000.

Uchibaba, Kouichi; Hayashi, Tsutomu; Ishikawa, Haruo; and Ohzono, Kouhei, 4,559,023, Cl. 464-30.000.

Uchibaba, Kouichi; Takahashi, Hirotake; and Uchiyama, Chiyomitsu, 4,560,049, Cl. 192-85.00R.

Umeno, Hiroshi; Saito, Gunji; and Hayashida, Morimasa, 4,554,780, Cl. 56-11.800.

Urano, Shigeru; Yamamoto, Kiyoshi; Takagi, Yoshiaki; and Sugawara, Takeshi, 4,505,988, Cl. 428-569.000.

Wasada, Yuichi, 4,538,713, Cl. 192-54.000.

Watanabe, Masaki; Yagasaki, Akio; and Chisaka, Kazuto, 4,529,242, Cl. 296-78.100.

Yabumoto, Toshio; Sakaoka, Hiromu; and Nakajima, Koji, 4,548,173, Cl. 123-308.000.

Yagasaki, Akio; and Takenaka, Masahiko, 4,531,255, Cl. 15-250.010.

Yagi, Shizuo; Otani, Junji; Fujii, Isao; and Kogure, Hiroshi, 4,494,504, Cl. 123-308.000.

Yamaguchi, Ken, 4,509,613, Cl. 180-219.000.

Yamaguchi, Ken, 4,516,630, Cl. 165-47.000.

Yamamoto, Kazuhiro; and Isono, Tokio, 4,523,659, Cl. 180-227.000.

Yamamoto, Kuniyuki; and Ohyama, Kazuo, 4,540,077, Cl. 192-70.120.

Yamamoto, Sadashi; Kayama, Hiroaki; and Watanabe, Masaki, 4,543,849, Cl. 74-501.50R.

Yamanaga, Junichi; and Naito, Shiro, 4,506,441, Cl. 29-787.000.

Yamanaga, Junichi; and Naito, Shiro, 4,542,576, Cl. 29-568.000.

Yamanaka, Isao, 4,526,056, Cl. 74-489.000.

Yamato, Akihiro, 4,495,927, Cl. 123-491.000.

Yamato, Akihiro; and Hashiguchi, Makoto, 4,508,074, Cl. 123-327.000.

Yamato, Akihiro; and Koike, Akihiko, 4,508,084, Cl. 123-492.000.

Yamato, Akihiro, 4,512,321, Cl. 123-493.000.

Yamato, Akihiro; and Kishi, Noriyuki, 4,523,571, Cl. 123-492.000.

Yamato, Akihiro; and Otobe, Yutaka, 4,531,495, Cl. 123-479.000.

Yamato, Akihiro; and Otobe, Yutaka, 4,542,729, Cl. 123-440.000.

Yamato, Akihiro, 4,548,180, Cl. 123-478.000.

Yamazaki, Ryutarou, 4,530,210, Cl. 60-605.000.

Yanagisawa, Yasuhisa; and Tsukiji, Yasuhiko, 4,560,026, Cl. 180-287.000.

Yano, Yoshiki; and Kawaguchi, Yuji, 4,553,510, Cl. 123-90.340.

Yasuoka, Akimasa; and Otobe, Yutaka, 4,508,087, Cl. 123-493.000.

Yasutake, Kousuke, 4,517,933, Cl. 123-55.0VF.

Yatabe, Fumio; and Ozaki, Syunzaburo, 4,510,901, Cl. 123-325.000.

Yoshida, Takao, 4,501,340, Cl. 180-219.000.

Yoshioka, Toshiharu, 4,512,592, Cl. 280-279.000.

Yuzui, Katsutoshi, 4,493,450, Cl. 228-49.00R.

Zaita, Katsuyuki; and Tahata, Michio, 4,500,477, Cl. 261-44.00B.

Honda, Haruo: *See—*

Iwamoto, Tomiyuki; Hayakawa, Naoki; Honda, Haruo; and Maruyama, Teppei, 4,548,605, Cl. 604-410.000.

Honda, Haruyoshi; Sato, Susumu; Isomae, Kazuo; Ookawa, Junji; and Kuwamura, Tsukasa, to SS Pharmaceutical Co., Ltd. Phenylacetic ester derivatives and process for preparing the same. 4,560,785, 12-24-85, Cl. 560-52.000.

Honda, Hiroshi; and Hasegawa, Mitsuru, to Seisakusho Kabushiki Kaisha Toyoda Jidoshokki. Weft inserting method and apparatus for an air jet loom. 4,494,888, 1-22-85, Cl. 139-435.000.

Honda, Kazuhiro; and Kuramochi, Hiroshi, to Kokoku Rubber Industrial Company Limited. Pressure-sensitive and conductive rubber. 4,533,604, 8-6-85, Cl. 428-521.000.

Honda, Kazumi: *See—*

Kubo, Motonobu; and Honda, Kazumi, 4,556,729, Cl. 560-220.000.

Honda, Kazunori: *See—*

Takenoya, Hideaki; and Honda, Kazunori, 4,541,354, Cl. 112-314.000.

Honda, Keijiro: *See—*

Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,519,690, Cl. 354-324.000.

Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,559,295, Cl. 430-325.000.

Honda, Kiyokazu: *See—*

Kuno, Nobuyoshi; and Honda, Kiyokazu, 4,496,872, Cl. 313-113.000.

Nieda, Yasuhiro; and Honda, Kiyokazu, 4,513,357, Cl. 362-228.000.

Honda, Makoto: *See—*

Moriguchi, Yutaro; Honda, Makoto; and Izawa, Akira, 4,509,823, Cl. 350-128.000.

Honda, Masaaki; Itakura, Fumitada; and Kitawaki, Nobuhiko, to Nippon Telegraph & Telephone Public Corporation. Adaptive predictive processing system. 4,538,234, 8-27-85, Cl. 364-513.500.

Honda, Masakazu; Harada, Susumu; and Kobayashi, Akio, to Nippondenso Co., Ltd. Control device for a vehicle. 4,541,050, 9-10-85, Cl. 364-424.000.

- Honda, Masakazu: *See—*
  - Harada, Takashi; Kobayashi, Akio; Honda, Masakazu; Harada, Susumu; Fujimoto, Masaya; and Suzuki, Masatoshi, 4,543,176, Cl. 204-406.000.
  - Kobayashi, Akio; Harada, Susumu; Harada, Takashi; Kikuchi, Takehiro; and Honda, Masakazu, 4,546,747, Cl. 123-489.000.
- Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, to Chugai Seiyaku Kabushiki Kaisha. 3-substituted-ureido-N-pyridyl benzamides. 4,500,714, 2-19-85, Cl. 546-309.000.
- Honda, Masamitsu: *See—*
  - Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.
- Honda, Michitaka; and Takami, Osamu, to Kabushiki Kaisha Toshiba. X-ray image pick-up device. 4,562,586, 12-31-85, Cl. 378-108.000.
- Honda, Mikio: *See—*
  - Kambara, Koji; Misawa, Kazuo; Honda, Mikio; Matsui, Koichi; and Kohri, Kitijiro, 4,507,115, Cl. 604-135.000.
- Honda, Mitsuo: *See—*
  - Tominaga, Jiro; Yada, Hiroshi; and Honda, Mitsuo, 4,537,644, Cl. 148-36.000.
- Honda, Mitsuyasu; Hino, Masao; and Seto, Toru, to Mitsubishi Jukogyo Kabushiki Kaisha. Solid gas contact reactor. 4,544,525, 10-1-85, Cl. 422-171.000.
- Honda Motor Co., Ltd.: *See—*
  - Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, 4,491,107, Cl. 123-339.000.
  - Hasegawa, Shumpei; Koumura, Takashi; and Mieno, Toshiyuki, 4,491,108, Cl. 123-339.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,492,206, Cl. 123-491.000.
  - Hasegawa, Shumpei, 4,493,300, Cl. 123-325.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,498,443, Cl. 123-478.000.
  - Hasegawa, Shumpei, 4,515,130, Cl. 123-493.000.
  - Ikenoya, Yasuo, 4,493,677, Cl. 474-93.000.
  - Inoue, Kazuo; and Imahashi, Akio, 4,529,526, Cl. 252-32.70E.
  - Kishi, Noriyuki; and Koumura, Takashi, 4,491,109, Cl. 123-339.000.
  - Maruoka, Sigehiro, 4,514,006, Cl. 296-78.100.
  - Moro, Shuji; and Tenmaya, Michio, 4,548,483, Cl. 350-635.000.
  - Otobe, Yutaka, 4,502,448, Cl. 123-480.000.
  - Otsuka, Kazuo; Narasaka, Shin; and Hasegawa, Shumpei, 4,503,479, Cl. 361-90.000.
  - Yamato, Akihiro, 4,508,085, Cl. 123-492.000.
  - Yashima, Michio; Komatsu, Akihiro; Takanashi, Masami; Hirose, Masashi; and Nakayama, Kengo, 4,508,944, Cl. 200-61.850.
- Honda, Naganobu: *See—*
  - Yanada, Sadao; Honda, Naganobu; Miyagaki, Hisanori; and Nigawara, Seiitsu, 4,558,227, Cl. 290-40.00R.
- Honda, Naojiro: *See—*
  - Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, 4,510,759, Cl. 62-48.000.
  - Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, 4,548,044, Cl. 62-48.000.
- Honda, Naoto: *See—*
  - Sawa, Buntaro; and Honda, Naoto, 4,500,851, Cl. 331-2.000.
  - Sekigawa, Tatsuaki; Gotoh, Akio; Tsutsumi, Syuitsu; Marui, Kuniyoshi; and Honda, Naoto, 4,509,201, Cl. 455-73.000.
- Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, to Mita Industrial Co., Ltd. Magnetic toner having improved humidity dependency. 4,495,267, 1-22-85, Cl. 430-106.600.
- Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, to Mita Industrial Co., Ltd. Method for developing electrostatic latent images. 4,517,274, 5-14-85, Cl. 430-122.000.
- Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, to Mita Industrial Co., Ltd. Pressure-fixing toner for electrophotography and process for preparation thereof. 4,535,049, 8-13-85, Cl. 430-137.000.
- Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, to Mita Industrial Co., Ltd. Magnetic brush development method. 4,540,645, 9-10-85, Cl. 430-122.000.
- Honda, Norimasa: *See—*
  - Sako, Junichi; and Honda, Norimasa, 4,547,311, Cl. 252-511.000.
- Honda, Norio, to Fujitsu Limited. Integrated circuit device having easily cleaned region between mother board and chip carriers mounted thereon. 4,493,145, 1-15-85, Cl. 29-840.000.
- Honda, Norio: *See—*
  - Wakabayashi, Tetsushi; Honda, Norio; and Sakuma, Osamu, 4,535,384, Cl. 361-386.000.
- Honda Piston Ring Co., Ltd.: *See—*
  - Urano, Shigeru; Yamamoto, Kiyoshi; Takagi, Yoshiaki; and Sugawara, Takeshi, 4,505,988, Cl. 428-569.000.
- Honda, Seiichirou; Ogawara, Hiroshi; and Fukuda, Mutsumi, to Sekisui Kagaku Kogyo Kabushiki Kaisha. Composition for partitioning blood components. 4,534,798, 8-13-85, Cl. 106-266.000.
- Honda, Seiichirou: *See—*
  - Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, 4,495,312, Cl. 523-105.000.
- Honda, Shigemichi; Hitachi, Akio; Suzuki, Kiyosuke; and Dochi, Kiyotaka, to Sony Corporation. Electrostatic printing apparatus. 4,498,090, 2-5-85, Cl. 346-159.000.
- Honda, Shigemichi: *See—*
  - Maeyama, Sadao; Dochi, Kiyotaka; and Honda, Shigemichi, 4,496,955, Cl. 346-76.0PH.
  - Majima, Osamu; and Honda, Shigemichi, 4,547,392, Cl. 427-40.000.
- Honda, Shoich; Muto, Osamu; and Shirakura, Masaru, to Honda Giken Kogyo Kabushiki Kaisha. Valve mechanism for an internal combustion engine. 4,559,909, 12-24-85, Cl. 123-90.280.
- Honda, Shoichi; Nakano, Yoshikatsu; Makota, Hirano; and Matsuura, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Valve disabling device for internal combustion engines. 4,523,550, 6-18-85, Cl. 123-90.160.
- Honda, Shoichi, to Honda Giken Kogyo Kabushiki Kaisha; and Nittan Valve Co., Ltd. Hydraulic lash adjustor in a valve operating mechanism. 4,530,319, 7-23-85, Cl. 123-90.460.
- Honda, Shoichi, to Honda Giken Kogyo Kabushiki Kaisha. Variable valve timing apparatus. 4,535,733, 8-20-85, Cl. 123-90.170.
- Honda, Shoichi; Nakano, Yoshikatsu; Hirano, Makoto; and Matsuura, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Valve actuating mechanism having stopping function for internal combustion engines. 4,537,165, 8-27-85, Cl. 123-90.160.
- Honda, Sigemichi, to Sony Corporation. Ink carrier ribbon for sublimation transfer. 4,558,329, 12-10-85, Cl. 346-76.0PH.
- Honda, Tadatoshi; and Hosono, Yoichi, to Mitsui Toatsu Chemicals, Inc. Process for preparing alkyl nitroacetates. 4,495,362, 1-22-85, Cl. 560-20.000.
- Honda, Takeo: *See—*
  - Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, 4,562,193, Cl. 514-358.000.
- Honda, Tetsuzo: *See—*
  - Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, 4,501,773, Cl. 427-213.000.
- Honda, Toshikazu: *See—*
  - Tsuno, Katsushige; and Honda, Toshikazu, 4,520,264, Cl. 250-311.000.
- Honda, Tsuguo: *See—*
  - Kuroki, Hironori; Honda, Tsuguo; and Mitsui, Toshihisa, 4,532,978, Cl. 164-448.000.
- Honda, Yasuhiro; Ueno, Katumi; Nishizaki, Genichi; Kitahara, Harumi; and Kamioka, Hiroshi, to Citizen Watch Co., Ltd. Automatic assembling machine. 4,503,606, 3-12-85, Cl. 29-701.000.
- Honda, Yasuhiro: *See—*
  - Sakano, Hajime; Ito, Akitoshi; Yano, Motoichi; Honda, Yasuhiro; and Fujiwara, Takayoshi, 4,554,316, Cl. 525-71.000.
- Honda, Yasuhisa; and Ando, Makoto, to Minolta Camera Kabushiki Kaisha. Conversion lens assembly for an automatic focusing system in a lens exchangeable camera. 4,548,488, 10-22-85, Cl. 354-402.000.
- Honda, Yoshinori: *See—*
  - Kitoo, Makoto; Honda, Yoshinori; and Kokaku, Yuuichi, 4,529,651, Cl. 428-336.000.
  - Kokaku, Yuuichi; Kitoo, Makoto; and Honda, Yoshinori, 4,560,641, Cl. 430-312.000.
- Honda, Yoshiyuki: *See—*
  - Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, 4,526,010, Cl. 62-126.000.
- Honda, Yukio: *See—*
  - Taguchi, Sadanori; Aida, Toshiyuki; Yamamoto, Shigehiko; and Honda, Yukio, 4,518,890, Cl. 313-346.00R.
- Hone, Norbert; Horwege, Claus; and Rosenkranz, Otto, to Krupp Corpoplast Maschinenplast GmbH. Method for making a parison for blowmolding of a hollow article. 4,499,044, 2-12-85, Cl. 264-521.000.
- Honegger, Werner, to Ferag AG. Method and apparatus for the long-term pressing of printed products especially newspapers. 4,494,359, 1-22-85, Cl. 53-430.000.
- Honegger, Werner, to Ferag AG. Apparatus for loosening an imbricated formation of printed products or the like. 4,494,646, 1-22-85, Cl. 198-459.000.
- Honegger, Werner; and Burgi, Hanspeter, to Ferag AG. Counter apparatus for counting flat products moved along a conveying path or the like. 4,539,470, 9-3-85, Cl. 235-98.00B.
- Honeycomb Systems, Inc.: *See—*
  - Bryand, Edward T.; and Randall, Kenneth R., 4,542,596, Cl. 34-115.000.
- Honeycutt, Thomas E.: *See—*
  - Roberts, Thomas G.; and Honeycutt, Thomas E., 4,512,639, Cl. 350-418.000.
  - Roberts, Thomas G.; and Honeycutt, Thomas E., 4,548,496, Cl. 356-213.000.
- Honeycutt, Thomas L.: *See—*
  - Roberts, Thomas G.; and Honeycutt, Thomas L., 4,521,110, Cl. 356-350.000.
- Honeywell-Brauckmann G.m.b.H.: *See—*
  - Vollmer, Rudolf, 4,500,036, Cl. 236-68.00B.
- Honeywell-Elac-Nautik GmbH: *See—*
  - Drenkelfort, Hans, 4,504,931, Cl. 367-115.000.
- Honeywell GmbH: *See—*
  - Multrus, Vladimir, 4,510,961, Cl. 137-86.000.
  - Multrus, Vladimir, 4,522,220, Cl. 137-85.000.
  - Scholz, Stefan; and Tyssen, Egon, 4,542,299, Cl. 250-504.00R.
- Honeywell Inc.: *See—*
  - Abrokwah, Jonathan K., 4,550,031, Cl. 427-10.000.
  - Adams, John T.; and Kompelien, Arlon D., 4,562,522, Cl. 363-21.000.
  - Adkisson, William M.; and Adkisson, Richard W., 4,523,203, Cl. 346-76.0PH.
  - Adkisson, William M., 4,558,331, Cl. 346-76.0PH.

Alamprese, Leo; and Donahue, Lawrence E., 4,547,079, Cl. 374-116.000.
Anderson, Robert D., 4,551,705, Cl. 340-347.0DA.
Arcara, Samuel A., 4,511,262, Cl. 374-37.000.
Arcara, Samuel A., 4,527,418, Cl. 73-30.000.
Aske, Vernon H., 4,498,342, Cl. 73-517.00B.
Atherton, James H.; and Stanojevic, Silvo, 4,521,727, Cl. 323-294.000.
Atherton, Jay W., 4,529,956, Cl. 336-83.000.
Auerweck, Ferdinand J.; Bulgarelli, Donald J.; Roller, Curtis A.; and Varrese, Francis R., 4,541,282, Cl. 73-715.000.
Bartels, James I., 4,513,909, Cl. 236-26.00R.
Bartels, James I., 4,513,910, Cl. 236-26.00R.
Bartels, James I., 4,521,705, Cl. 307-605.000.
Baumann, Rainer, 4,533,248, Cl. 356-350.000.
Bayer, Stephen J.; and Olsen, Arthur M., 4,494,183, Cl. 364-154.000.
Belt, Ronald A.; and Joseph, James D., 4,553,260, Cl. 382-22.000.
Betsch, Regis J.; Liu, Michael S.; and Tufte, Obert N., 4,551,394, Cl. 428-641.000.
Beyer, Kenneth E.; and Horlacher, Wilhelm H., 4,546,955, Cl. 251-129.150.
Black, Robert A., Jr.; Clark, Rodney L.; Kidder, Kenneth B.; and Patton, Paul B., 4,558,389, Cl. 361-88.000.
Bohan, John E., Jr.; Bonne, Ulrich; and Weber, Dane M., 4,527,085, Cl. 313-128.000.
Bohan, John E., Jr., 4,546,918, Cl. 236-46.00R.
Bohan, John E., Jr., 4,560,343, Cl. 431-66.000.
Bohrer, Philip J.; Higashi, Robert E.; and Johnson, Robert G., 4,548,078, Cl. 73-204.000.
Bohrer, Philip J.; Higashi, Robert E.; Johnson, Timothy L.; and Satren, Ernest A., 4,555,939, Cl. 73-198.000.
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Boord, Warren T.; and Fryer, Richard B., 4,533,872, Cl. 324-252.000.
Bowman, George A., 4,554,678, Cl. 455-286.000.
Boyer, Don S.; and Freeborn, John C., 4,514,176, Cl. 434-224.000.
Brady, D. Ward; and Chapman, James F., 4,505,203, Cl. 102-382.000.
Brillhart, Bruce A., 4,503,344, Cl. 307-594.000.
Brownell, David J.; and Roberts, Jon A., 4,515,668, Cl. 204-192.00D.
Callaghan, Stephen P.; Callaghan, Timothy J.; Gustafson, Harry A.; and Lim, Wah L., 4,551,021, Cl. 356-350.000.
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Castleman, Bruce W.; McQuire, David P.; and Szonntagh, Eugene L., 4,534,777, Cl. 55-181.000.
Comey, David M.; and Kusner, Ronald R., 4,541,730, Cl. 374-43.000.
Culp, Charles H.; and Downar, Denise J., 4,510,398, Cl. 307-35.000.
Culp, Charles H., 4,522,336, Cl. 236-46.00R.
Daughton, James M., 4,506,139, Cl. 219-209.000.
Dietiker, Paul; Kim, Yong C.; Nelson, Marvin D.; and Olson, Elwyn H., 4,543,974, Cl. 137-66.000.
Dietiker, Paul; Olson, Elwyn H.; and Torborg, Ralph H., 4,547,144, Cl. 431-20.000.
Dunaway, Thomas J.; Spielberger, Richard K.; and Wittenberger, John C., 4,528,446, Cl. 250-216.000.
Durand, William W.; Jain, Anil K.; and Peterson, Ronald E., 4,553,816, Cl. 350-166.000.
Egli, Werner H.; Lim, Wah L.; and Weber, Mark W., 4,526,469, Cl. 356-350.000.
Fant, Karl M.; Fundakowski, Richard A.; Levitt, Tod S.; Overland, John E.; Suresh, Bindinganavle R.; and Ulrich, Franz W., 4,519,041, Cl. 364-552.000.
Gelinas, Raymond C., 4,491,795, Cl. 324-248.000.
Gordon, William R.; and Nicholson, Peter N., 4,528,449, Cl. 250-352.000.
Gorecki, James L., 4,492,972, Cl. 357-22.000.
Gorecki, James L., 4,543,498, Cl. 307-360.000.
Gorecki, James L., 4,556,866, Cl. 340-310.00A.
Groseck, John B., 4,501,455, Cl. 312-215.000.
Harkless, Lloyd B.; McCracken, William L.; and Colosimo, Joseph A., 4,527,055, Cl. 250-234.000.
Haugen, Paul R., 4,546,445, Cl. 364-728.000.
Higashi, Robert E.; Johnson, Robert G.; and Bohrer, Philip J., 4,501,144, Cl. 73-204.000.
Houvig, Felix J.; and Rowlands, Ronald H., 4,520,488, Cl. 375-5.000.
Howard, James W.; and Abel, Irving R., 4,507,551, Cl. 250-216.000.
Howard, James W.; and Reilly, David M., 4,554,447, Cl. 250-216.000.
Huston, Dennis L.; Kardashian, Vahram S.; and Mones, Arthur H., 4,498,954, Cl. 156-651.000.
Jackman, Earle G., 4,504,856, Cl. 358-92.000.
Jaeger, Thomas S., 4,505,300, Cl. 137-614.140.
Jenekhe, Samson A.; and Fure, Barbara J., 4,548,738, Cl. 252-500.000.
Johnson, Robert G., 4,533,167, Cl. 294-86.400.
Kolhas, Robert M., 4,532,694, Cl. 29-569.00L.
Kompelien, Arlon D., 4,558,595, Cl. 73-336.000.
Kozlik, Tony J.; and Spiesman, Robert L., 4,542,420, Cl. 360-42.000.
Kozlik, Tony J., 4,551,721, Cl. 340-825.520.
Kozlik, Tony J., 4,556,974, Cl. 370-89.000.
Kuypers, Martinus H., 4,492,622, Cl. 204-403.000.
Lambert, Willibrordus J. S., 4,494,544, Cl. 128-419.00D.
Lambert, Willibrordus J. S., 4,506,677, Cl. 128-697.000.
Lasser, George A., 4,538,273, Cl. 371-62.000.
Leete, Tom G., 4,536,873, Cl. 370-85.000.
Lerner, Edward M.; and Olson, Harold J., 4,549,274, Cl. 364-492.000.
Linder, William J., 4,503,340, Cl. 307-360.000.
Linder, William J., 4,543,540, Cl. 331-1.00A.
Lo, Sau K.; and Peterson, Ronald E., 4,548,473, Cl. 350-311.000.
Lo, Saukwan; and Borken, Richard J., 4,553,032, Cl. 250-339.000.
Lutes, Olin S.; and Walters, Wayne L., 4,547,866, Cl. 365-173.000.
Maas, Michael F., 4,499,425, Cl. 329-50.000.
MacArthur, J. Ward; and Radomski, James V., 4,510,576, Cl. 364-551.000.
Martin, Ronald J., 4,561,104, Cl. 382-8.000.
Matthys, Robert J., 4,562,526, Cl. 363-61.000.
McCullough, John B.; and Mortensen, Craig A., 4,531,059, Cl. 250-370.000.
Meyerhoff, Hans P., 4,530,854, Cl. 427-162.000.
Mitchell, Gordon L.; and Tressler, John H., III, 4,497,544, Cl. 350-353.000.
Moenkhaus, Patrick R., 4,561,288, Cl. 73-23.000.
Morgan, Avery A., 4,504,146, Cl. 356-350.000.
Morgan, Avery A.; and Quasius, Glenn R., 4,529,311, Cl. 356-350.000.
Mott, Richard C., 4,550,616, Cl. 73-861.740.
Mueller, Dale A., 4,502,625, Cl. 236-11.000.
Nelson, Lorne W., 4,533,315, Cl. 431-20.000.
Nelson, Lorne W., 4,538,420, Cl. 62-140.000.
Nicklas, Roger W.; Reynolds, John E.; and Schiestl, Randall L., 4,536,928, Cl. 29-1.200.
Nishimoto, Ikuo, 4,500,797, Cl. 307-296.00R.
Olsen, Arthur M., 4,553,104, Cl. 330-129.000.
Olson, Elwyn H., 4,491,821, Cl. 337-307.000.
Olson, Elwyn H., 4,542,360, Cl. 335-203.000.
Orrico, Mario M. V., 4,523,610, Cl. 137-512.150.
Peterson, Russell H., 4,547,897, Cl. 382-8.000.
Planer, Norman G., 4,504,787, Cl. 324-142.000.
Rabe, Robert L.; and Swan, Paul J., 4,558,237, Cl. 307-475.000.
Rausch, Roger A., 4,542,337, Cl. 324-110.000.
Read, Edgar L., 4,497,054, Cl. 370-58.000.
Read, Edgar L., 4,542,507, Cl. 371-22.000.
Read, Edgar L., 4,556,939, Cl. 364-200.000.
Reynolds, George O., 4,493,555, Cl. 356-358.000.
Reynolds, George O., 4,498,009, Cl. 250-452.100.
Roberts, Jon A.; and Hendrickson, Thomas E., 4,495,385, Cl. 179-111.00R.
Royer, Michele, 4,531,267, Cl. 29-25.350.
Servaes, Donald A.; and Reynolds, George O., 4,560,235, Cl. 350-96.240.
Stamm, Thomas A.; and Zansky, Zoltan, 4,523,128, Cl. 315-291.000.
Starr, James B., 4,530,244, Cl. 73-727.000.
Stauffer, Norman L., 4,501,961, Cl. 250-201.000.
Takach, Eugene J., Jr., 4,542,372, Cl. 340-500.000.
Thompson, Maynard L., 4,547,950, Cl. 29-445.000.
Venkatasetty, Hanumanthiya V., 4,521,290, Cl. 204-412.000.
Venkatasetty, Hanumanthiya V., 4,522,690, Cl. 204-1.00T.
Vogels, Joseph A., 4,534,728, Cl. 431-80.000.
Wamstad, David B.; and Wilda, Douglas W., 4,502,335, Cl. 73-721.000.
Wamstad, David B., 4,509,880, Cl. 403-179.000.
Webber, George E., 4,533,249, Cl. 356-350.000.
Wellinghoff, Stephen T.; Jenekhe, Samson A.; and Kedrowski, Thomas J., 4,499,008, Cl. 252-500.000.
Wentworth, Milo R., 4,523,737, Cl. 251-4.000.
West, Gerald W., 4,550,359, Cl. 361-56.000.
Westley, Curtis E., 4,542,812, Cl. 192-56.00R.
Wilwerding, Dennis J.; and Adams, James R., Jr., 4,508,963, Cl. 250-201.000.
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Zervos, Daniel H., 4,556,169, Cl. 236-49.000.

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Anderson, Nils A., 4,514,815, Cl. 364-478.000.
Angelle, Phillip A.; Porter, Marion G.; and King, James L., 4,493,034, Cl. 364-200.000.
Barlow, George J.; Nibby, Chester M., Jr.; and Johnson, Robert B., 4,558,429, Cl. 364-900.000.
Boehme, Robert M., 4,504,830, Cl. 340-815.310.
Boothroyd, Donald C.; and Norman, Robert W., Jr., 4,506,345, Cl. 364-900.000.
Boudreau, Daniel A.; and Salas, Edward R., 4,493,036, Cl. 364-200.000.
Boudreau, Daniel A., 4,503,495, Cl. 364-200.000.
Boudreau, Daniel A., 4,511,960, Cl. 364-200.000.
Boudreau, Daniel A.; Salas, Edward R.; and Sandini, James M., 4,559,595, Cl. 364-200.000.
Bruce, Kenneth E.; Lombardo, Ralph M., Jr.; Tarbox, Bruce H.; and Conway, John W., 4,521,848, Cl. 364-200.000.
Carey, Richard A.; and Falk, Jerry, 4,535,330, Cl. 340-825.500.
Carey, Richard A.; and Falk, Jerry, 4,543,629, Cl. 364-200.000.
Chasse, Dennis W.; and Clark, Vincent M., 4,554,445, Cl. 235-472.000.

  - Circello, Joseph C.; Howell, Thomas H.; and Edgington, Gregory C., 4,506,340, Cl. 364-746.000.
  - Circello, Joseph C., 4,538,237, Cl. 364-746.000.
  - Circello, Joseph C.; and Guenthner, Russell W., 4,538,238, Cl. 364-746.000.
  - Crawford, Knute S., 4,561,053, Cl. 364-200.000.
  - Funke, Michael J.; Topliffe, Douglas A., and Rathbun, Donald J., 4,534,044, Cl. 375-120.000.
  - Genuit, Luther L.; and Nowell, John R., 4,506,256, Cl. 340-518.000.
  - Genuit, Luther L.; and Nowell, John R., 4,521,692, Cl. 290-4.00A.
  - Goss, Gary J.; Kelly, Richard P.; and Murray, Thomas L., Jr., 4,494,186, Cl. 364-200.000.
  - Goss, Gary J.; Moles, Robert G. H.; Hinrichs, Randall D.; and Holtey, Thomas O., 4,542,517, Cl. 375-36.000.
  - Goss, Gary J.; Moles, Robert G. H.; and Hinrichs, Randall D., 4,558,409, Cl. 364-200.000.
  - Hartig, Kent H., 4,514,806, Cl. 364-200.000.
  - Inoshita, Minoru; and Winfrey, Gerald N., 4,558,412, Cl. 364-200.000.
  - Johnson, Robert B.; Nibby, Chester M., Jr.; and Salas, Edward R., 4,507,730, Cl. 364-200.000.
  - Kaplan, Jay; and Marchant, Ray, 4,493,524, Cl. 339-125.00R.
  - Kaplan, Jay; and Marchant, Ray, 4,558,839, Cl. 248-542.000.
  - Keeley, James W.; Ledoux, Robert V.; and Negi, Virendra S., 4,562,536, Cl. 364-200.000.
  - King, James L.; Porter, Marion G.; Angelle, Phillip A.; Circello, Joseph C.; Wilhite, John E.; and Trubisky, Leonard G., 4,530,052, Cl. 364-200.000.
  - Mantellina, Calogero, and Zanzottera, Daniele, 4,517,681, Cl. 375-106.000.
  - Mirow, Fred A.; and Quinones, Matthew M., 4,514,820, Cl. 364-858.000.
  - Morgan, Thomas A., 4,501,054, Cl. 29-235.000.
  - Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., 4,523,313, Cl. 371-10.000.
  - Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., 4,527,251, Cl. 364-900.000.
  - O'Keefe, David B.; and Miller, Robert C., 4,520,356, Cl. 340-750.000.
  - Ong, Richard H.; and Economopoulos, Peter C., 4,553,053, Cl. 307-530.000.
  - Peters, Arthur, 4,494,190, Cl. 364-200.000.
  - Pollack, Frank S., Jr., 4,553,201, Cl. 364-200.000.
  - Rey, Thomas J.; and Forbes, Ervin, 4,509,121, Cl. 364-200.000.
  - Russell, Robert J., 4,556,840, Cl. 324-73.00R.
  - Ryan, Charles P.; Guenthner, Russell W.; and Trubisky, Leonard G., 4,527,238, Cl. 364-200.000.
  - Ryan, Charles P.; and Guenthner, Russell W., 4,551,799, Cl. 364-200.000.
  - Salas, Edward R.; Fisher, Edwin P.; Johnson, Robert B.; Nibby, Chester M., Jr.; and Boudreau, Daniel A., 4,545,010, Cl. 364-200.000.
  - Shenk, William H., 4,509,118, Cl. 364-200.000.
  - Shenk, William H., 4,513,392, Cl. 364-900.000.
  - Shenk, William H., 4,535,404, Cl. 364-200.000.
  - Stanley, Philip E.; and Szorc, Piotr, 4,524,416, Cl. 364-200.000.
  - Staplin, Theodore R., Jr.; Bradley, John J.; King, Richard L.; Miller, Robert C.; Miu, Ming T.; and Shen, Jian-Kuo, 4,495,571, Cl. 364-200.000.
  - Still, David W.; and Economopoulos, Peter C., 4,499,579, Cl. 371-15.000.
  - Still, David W., and Economopoulos, Peter C., 4,525,714, Cl. 340-825.830.
  - Tarbox, Bruce H.; Rathbun, Donald J.; and Su, Taian, 4,554,598, Cl. 360-48.000.
  - Trubisky, Leonard G.; and Shelly, William A., 4,521,851, Cl. 364-200.000.
  - Webster, Marvin K.; Flynn, Richard T.; Porter, Marion G.; and Seminsky, George M., 4,525,777, Cl. 364-200.000.
  - Wilder, Richard P., Jr., 4,521,849, Cl. 364-200.000.
  - Wilhite, John E.; Shelly, William A.; and Ryan, Charles P., 4,521,850, Cl. 364-200.000.
  - Woods, William E.; and Stanley, Philip E., 4,491,908, Cl. 364-200.000.
- Honeywell Information Systems Italia: *See—*
  - Ferrari, Gianpietro, 4,506,207, Cl. 318-696.000.
  - Speraggi, Marcello, 4,504,162, Cl. 400-621.000.
  - Vercesi, Arturo; and Marzocca, Francesco, 4,502,039, Cl. 340-365.00S.
- Honeywell Ltd.: *See—*
  - Watson, Francis M., 4,538,218, Cl. 362-802.000.
- Honeywell Lucifer SA: *See—*
  - Jungen, Hans-Ulrich, 4,540,158, Cl. 251-367.000.
  - Livet, Jean, 4,531,708, Cl. 251-48.000.
- Hong, Charles A.: *See—*
  - Brabbs, William J.; and Hong, Charles A., 4,503,080, Cl. 426-94.000.
- Hong, Chi-Shain: *See—*
  - Liu, Yet-Zen; Hong, Chi-Shain; Dapkus, P. Danial; and Coleman, James J., 4,517,674, Cl. 372-45.000.
  - Liu, Yet-Zen; Hong, Chi-Shain; and Dapkus, P. Danial, 4,521,887, Cl. 372-45.000.
- Hong, Chung-Yieh: *See—*
  - Jan, Ping-Shuenn; and Hong, Chung-Yieh, 4,509,788, Cl. 296-24.00R.
- Hong, Kuochih: *See—*
  - Sapru, Krishna; Hong, Kuochih; Fetcenko, Michael A.; and Venkatesan, Srinivasan, 4,551,400, Cl. 429-94.000.
- Hong Le, Da, to Transamerica DeLaval Inc. Transducers with quick dome connect systems. 4,505,157, 3-19-85, Cl. 73-756.000.
- Hong, Se J.; and Nair, Ravindra, to International Business Machines Corporation. Method and apparatus for determining minimum/maximum of multiple data words. 4,539,549, 9-3-85, Cl. 340-146.200.
- Hong, Siu-Ping: *See—*
  - Fortino, Placido S.; Haas, Laird K. S.; Hong, Siu-Ping; Lo, Wing C.; and Neupauer, Edward J., 4,558,390, Cl. 361-119.000.
- Hong, Soon Y. Pollen gathering device. 4,517,694, 5-21-85, Cl. 6-4.00R.
- Hong, Sun-Nan: *See—*
  - Spector, Marshall L.; and Hong, Sun-Nan, 4,552,663, Cl. 210-605.000.
  - Spector, Marshall L.; Hong, Sun-Nan; and Seebohm, Robert P., 4,556,491, Cl. 210-608.000.
- Hong, Won-Doon: *See—*
  - Cheng, Cheng-Yi; Lee, Shou-Yuan; Chen, Kwang-Ming; and Hong, Won-Doon, 4,539,380, Cl. 526-78.000.
- Hong, Won P., to Suk, Suh Kyung. Portland cement, process for preparing same, and compositions containing same. 4,537,633, 8-27-85, Cl. 106-96.000.
- Hong-Yue, Du. Antipeptic ulcer composition. 4,544,551, 10-1-85, Cl. 424-147.000.
- Honges, Edgar: *See—*
  - Diekotter, Friedrich W.; Honges, Edgar; Just, Gunther; Smolka, Heinz-Gerd; and Wust, Willi, 4,545,969, Cl. 423-328.000.
- Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, to Teisan Kabushiki Kaisha; and Daiwa Can Company, Limited. Low-temperature liquefied gas constant outflow device. 4,490,984, 1-1-85, Cl. 62-49.000.
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- Hongo, Chikara: *See—*
  - Chibata, Ichiro; Yamada, Shigeki; Hongo, Chikara; and Yoshioka, Ryuzo, 4,519,955, Cl. 260-501.120.
- Hongo, Hironobu, to Tokyo Shibaura Denki Kabushiki Kaisha. Selected beam marking system for rapid ultrasound measurements. 4,501,277, 2-26-85, Cl. 128-660.000.
- Hongo, Mikio: *See—*
  - Okunaka, Masaaki; Mizukoshi, Katsuro; Hongo, Mikio; and Miyauchi, Tateoki, 4,510,222, Cl. 430-5.000.
  - Yamaguchi, Hiroshi; Miyauchi, Tateoki; Shimase, Akira; and Hongo, Mikio, 4,503,329, Cl. 250-309.000.
- Hongo, Toshio, to Maru Kikai Kogyo Co., Ltd. Apparatus for adjusting to tool length of panel forming machine. 4,532,792, 8-6-85, Cl. 72-319.000.
- Hongo, Yasuo, to Fuji Electric Company, Inc. Pattern recognition apparatus. 4,556,985, 12-3-85, Cl. 382-30.000.
- Hongou, Hiroshi: *See—*
  - Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
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- Hongu, Tatsuhiko: *See—*
  - Endo, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Ueno, Susumu, 4,532,150, Cl. 427-39.000.
  - Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,492,681, Cl. 423-345.000.
  - Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,560,589, Cl. 427-249.000.
- Honickman, Reuben. Wall unit. 4,508,231, 4-2-85, Cl. 211-199.000.
- Honig, Ernst-August, to Volkswagenwerk Aktiengesellschaft. Hydraulic control device for an automatic transmission. 4,494,640, 1-22-85, Cl. 192-0.052.
- Honig, Ernst-August, to Volkswagenwerk Aktiengesellschaft. Fluid delivery control device for an automatic transmission. 4,501,173, 2-26-85, Cl. 74-868.000.
- Honig, Gunter; Kaiser, Gunther; Lotterbach, Gerhard; and Zucker, Udo, to Robert Bosch GmbH. Apparatus for determining the value of a cyclically varying parameter of an internal combustion engine. 4,527,422, 7-9-85, Cl. 73-117.300.
- Honig, Gunter: *See—*
  - Gast, Theodor; Binder, Kurt; and Honig, Gunter, 4,493,215, Cl. 73-861.180.
  - van Belzen, David; Honig, Gunter; Lotterbach, Gerhard; van Woudenberg, Jan-Faas; and Zucker, Udo, 4,534,331, Cl. 123-492.000.
- Honig, Helmut: *See—*
  - Paar, Willibald; and Honig, Helmut, 4,550,146, Cl. 525-327.300.
- Honig, Michael: *See—*
  - de Baan, Johannes J.; and Honig, Michael, 4,494,632, Cl. 188-269.000.
- Honji, Akio: *See—*
  - Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.
  - Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.

Kahara, Toshiki; Mori, Toshikatsu; Imahashi, Jinichi; Honji, Akio; and Tamura, Kohki, 4,555,452, Cl. 429-13.000.

Honji, Kunihiko; and Aoki, Toshiyuki, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Apparatus for sensing and memorizing model profile and for controlling machining operation thereby. 4,517,504, 5-14-85, Cl. 318-568.000.

Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, to Matsushita Electric Industrial Co., Ltd. Electrode on heat-resisting and isolating substrate and the manufacturing process for it. 4,510,179, 4-9-85, Cl. 427-96.000.

Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, to Matsushita Electric Industrial Co., Ltd. Electrode on heat-resisting and isolating substrate. 4,559,279, 12-17-85, Cl. 428-632.000.

Honjo, Kazumi, to Niles Parts Company, Limited. Car cigar lighter. 4,500,774, 2-19-85, Cl. 219-265.000.

Honjo, Masahiro; and Tomita, Masao, to Matsushita Electric Industrial Co., Ltd. System for eliminating vertical TV picture fluctuations appearing in monitored video signals from a VTR. 4,542,416, 9-17-85, Cl. 360-10.300.

Honjo, Norifumi: *See—*

Nakahara, Mitsuharu; Ishida, Tomio; Honjo, Norifumi; and Yoshida, Yoshitaka, 4,516,537, Cl. 123-48.0AA.

Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Iisakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, to Outokumpu Oy. Electric furnace dome. 4,491,952, 1-1-85, Cl. 373-74.000.

Honkomp, John R.: *See—*

Moore, David J.; Byers, Larry L.; Kurth, Duane G.; Bordsen, Donald T.; Honkomp, John R.; Todd, Bruce C.; and Malek, Robert M., 4,546,430, Cl. 364-200.000.

Honl, Wolf-Dieter, to Repa Feinstanzwerk GmbH. Mechanism in roll-up device for safety belts in motor vehicles. 4,553,716, 11-19-85, Cl. 242-107.700.

Honma, Akira: *See—*

Furuta, Toshio; Kawamoto, Nobuhiko; and Honma, Akira, 4,530,621, Cl. 405-150.000.

Honma, Atsushi: *See—*

Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.

Honma, Ichiro; Koyama, Arata; Amano, Masatoshi; and Takumi, Nobusuke, to Ishihara Sangyo Kaisha, Ltd. Process for producing cobalt-and ferrous iron-containing ferromagnetic iron oxides. 4,551,327, 11-5-85, Cl. 423-594.000.

Honma, Ichiro: *See—*

Miyazawa, Kokichi; Nakata, Kazuo; Ishikawa, Tsuneo; Honma, Ichiro; Hirai, Masaharu; Ogasawara, Makoto; and Kawamura, Toshihiko, 4,501,774, Cl. 427-215.000.

Honma, Junji, to Idemitsu Kosan Company Limited. Reactor. 4,556,537, 12-3-85, Cl. 422-49.000.

Honma, Katsuhiko; Tatsuno, Tsuneo; and Okada, Hiroshi, to Kabushiki Kaisha Kobe Seiko Sho. Method for producing high strength sintered silicon carbide. 4,541,975, 9-17-85, Cl. 264-62.000.

Honma, Kazuo: *See—*

Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,510,750, Cl. 60-443.000.

Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,528,813, Cl. 60-389.000.

Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,531,369, Cl. 60-456.000.

Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, 4,549,208, Cl. 358-108.000.

Nakajima, Kichio; Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; and Honma, Kazuo, 4,520,626, Cl. 60-468.000.

Watanabe, Hiroshi; Izumi, Eiki; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,561,249, Cl. 60-421.000.

Honma, Kenji; Asami, Toshio; Baba, Masayuki; and Nakayama, Sumio, to Honda Giken Kogyo Kabushiki Kaisha; and Showa Manufacturing Co., Ltd. Front wheel suspension system for a motorcycle. 4,515,384, 5-7-85, Cl. 280-276.000.

Honma, Masahiro; and Inokuchi, Iwane, to Nissan Motor Company, Limited. Fuel injection quantity adjustment apparatus for fuel injection pump. 4,526,145, 7-2-85, Cl. 123-357.000.

Honma, Masayuki, to Nissan Motor Company, Limited. Belt tensioner. 4,504,252, 3-12-85, Cl. 474-112.000.

Honma, Toshio; Takeda, Hiroaki; and Suzuki, Tadashi, to Canon Kabushiki Kaisha. Image formation apparatus. 4,542,985, 9-24-85, Cl. 355-69.000.

Honma, Tsunetoshi: *See—*

Igarashi, Kikuo; and Honma, Tsunetoshi, 4,552,695, Cl. 260-239.30B.

Honma, Yoshiharu: *See—*

Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, 4,523,668, Cl. 192-107.00M.

Honna, Takaji: *See—*

Fujimura, Hajime; Hiramatsu, Yasuzo; Yamazaki, Tomio; Yamada, Shozo; and Honna, Takaji, 4,518,712, Cl. 514-255.000.

Honnigford, Edward H.: *See—*

Dham, Vinod K.; Honnigford, Edward H.; Stewart, John K., Jr.; Pfeifer, Robert F.; and Trudel, Murray L., 4,534,104, Cl. 29-571.000.

Donaldson, Darrel D.; Honnigford, Edward H.; and Poeppelman, Alan D., 4,527,074, Cl. 307-246.000.

Honodel, Charles A., to United States of America, Energy. Barrier breaching device. 4,499,828, 2-19-85, Cl. 102-301.000.

Honoshowsky, John C. Oil return apparatus for a refrigeration system. 4,551,990, 11-12-85, Cl. 62-468.000.

Honour, John H., VII. Marine rail system. 4,507,016, 3-26-85, Cl. 405-2.000.

Honsberg, Wolfgang, to Du Pont de Nemours, E. I., and Company. Process for curing a chlorinated polyolefin in the presence of aliphatic polyhydroxy alcohol. 4,499,244, 2-12-85, Cl. 525-384.000.

Honsel-Werke AG: *See—*

Steinhauser, Thomas; and Buch, Thomas, 4,521,001, Cl. 266-208.000.

Honshu Chemical Ind. Co. Ltd.: *See—*

Matsunaga, Fujihisa; Nishimura, Tadahiko; Miyake, Etsuo; and Banba, Kiyotaka, 4,517,387, Cl. 568-728.000.

Honshu Seishi Kabushiki Kaisha: *See—*

Nomura, Yoshika; Sano, Susumu; and Shoji, Sadahiro, 4,559,103, Cl. 162-160.000.

Honto, Akira: *See—*

Sugano, Shunji; Hagiwara, Koichi; Miura, Isao; and Honto, Akira, 4,543,404, Cl. 528-26.000.

Honya, Takao: *See—*

Ishido, Takao; Nakao, Masasi; Honya, Takao; and Mizuno, Yukio, 4,519,424, Cl. 139-91.000.

Honzyo, Isao: *See—*

Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,502,950, Cl. 208-309.000.

Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,514,287, Cl. 208-309.000.

Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,525,269, Cl. 208-309.000.

Hoobler, Mary A.: *See—*

Sikorski, James A.; and Hoobler, Mary A., 4,508,663, Cl. 260-968.000.

Sikorski, James A.; and Hoobler, Mary A., 4,519,832, Cl. 71-87.000.

Sikorski, James A.; and Hoobler, Mary A., 4,554,009, Cl. 071-087.000.

Hood, Charles F.: *See—*

Fathauer, George H.; and Hood, Charles F., 4,499,766, Cl. 73-304.00C.

Fathauer, George H.; Hood, Charles F.; and Runck, Robin B., 4,499,767, Cl. 73-304.00C.

Fathauer, George H.; and Hood, Charles F., 4,555,941, Cl. 73-304.00C.

Hood, Christopher: *See—*

Newport, Derek J., and Hood, Christopher, 4,544,834, Cl. 235-487.000.

Hood, Clarence E., Jr.; Garrett, Thomas R.; and DuBose, Charles R., to Clemson University. Seeding implement. 4,497,265, 2-5-85, Cl. 111-86.000.

Hood, Edwin I. Fish trolling device. 4,509,287, 4-9-85, Cl. 43-19.200.

Hood, Grant W., Jr.: *See—*

Grab, George P.; Hood, Grant W., Jr.; Swanson, Sigurd A.; and Nemeth, Bela J., 4,491,559, Cl. 419-36.000.

Hood, James H., Jr. Oil sampling system. 4,548,088, 10-22-85, Cl. 73-864.340.

Hood, Paul F., to General Motors Corporation. Catalytic converter substrate and retainer assembly. 4,559,205, 12-17-85, Cl. 422-180.000.

Hood, Richard W.: *See—*

Starta, Daniel G.; and Hood, Richard W., 4,495,842, Cl. 82-4.00R.

Hood, Robert B., to Lodec, Inc. Vehicle platform scale. 4,560,017, 12-24-85, Cl. 177-211.000.

Hood, Robert G., to Vascutek Limited. Vascular prosthesis. 4,545,082, 10-8-85, Cl. 623-1.000.

Hood, Rush W.: *See—*

Medero, Richard; Hood, Rush W.; Apple, Howard P.; and Ramsey, Maynard, III, 4,543,962, Cl. 128-682.000.

Hood, Rush W., Jr., to Critikon, Inc. Automatic identification of cuff size in automated blood pressure monitors. 4,501,280, 2-26-85, Cl. 128-677.000.

Hood, Walter J., to Kent Corporation. Arbor for a strip accumulator. 4,506,841, 3-26-85, Cl. 242-55.000.

Hooft van Huijsduijnen, Jozef A. M., to U.S. Philips Corporation. Cathode-ray tube and cathode unit for such a cathode-ray tube. 4,516,051, 5-7-85, Cl. 313-446.000.

Hoogervorst, Thomas R.: *See—*

Heidel, Jeffrey C.; Hoogervorst, Thomas R.; Lane, Lynn R.; and Swartz, Harold L., 4,547,972, Cl. 33-366.000.

Swartz, Harold L.; Hoogervorst, Thomas R.; and Lane, Lynn R., 4,503,622, Cl. 33-366.000.

Hoogland, Jan. Flat field lenses. 4,545,652, 10-8-85, Cl. 350-432.000.

Hoogovens Groep B.V.: *See—*

Baas, Willem; Hof, Tette; Comes, Heinrich; Jaunich, Helmut; and Krampe, Hubert, 4,524,954, Cl. 266-45.000.

Buhrmann, Gerardus P.; and Steen, Adam, 4,535,975, Cl. 266-220.000.

Bus, Isaak; and Mooij, Joop N., 4,559,113, Cl. 204-15.000.

Commandeur, Jacobus J.; Felthuis, Jacob; and Mantel, Piet, 4,557,507, Cl. 285-45.000.

Ouwerkerk, Johannes H. W.; Lucieer, Wouter B.; and Cramer, Rudolph E., 4,521,117, Cl. 366-165.000.

Ouwerkerk, Johannes H. W., 4,527,409, Cl. 72-202.000.

Ploegaert, Hendrikus T.; Molenaar, Ronald N.; and Butter, Johannes A. M., 4,510,793, Cl. 73-86.000.

Hooie, David W.; and Daldosch, Johannes. Game chip storage and dispensing device. 4,535,913, 8-20-85, Cl. 221-251.000.

- Hooijmans, Jacobus L. M.: *See—*
  - Schoute, Frederik C.; Doorduin, Adrianus W.; and Hooijmans, Jacobus L. M., 4,497,978, Cl. 179-9.000.
- Hook, Clarence L. Massage tread for human skin. 4,509,510, 4-9-85, Cl. 128-25.00R.
- Hook, John A.: *See—*
  - Cohen, Leon E.; and Hook, John A., 4,532,065, Cl. 252-135.000.
- Hook, Richard B., to General Electric Company. Cooling flow control device for turbine blades. 4,526,512, 7-2-85, Cl. 416-96.00A.
- Hook, Wolfgang, to Deere & Company. Protective cover assembly for a grease fitting. 4,501,572, 2-26-85, Cl. 464-170.000.
- Hooker, Donald E., to Bally Manufacturing Corporation. Game with an electromagnetic ball detector. 4,542,905, 9-24-85, Cl. 273-121.00A.
- Hooker, Robert M.: *See—*
  - Hawkins, Ronald G.; and Hooker, Robert M., 4,527,008, Cl. 174-42.000.
  - Hawkins, Ronald G.; and Hooker, Robert M., 4,554,402, Cl. 174-42.000.
- Hooks, John T., Jr., to LTV Aerospace and Defense Company. Memory system. 4,513,374, 4-23-85, Cl. 364-200.000.
- Hooley, Desmond J.: *See—*
  - Szczupak, David T.; Walsham, Brian E.; Hooley, Desmond J.; Flaxington, David; McKean, Peter S.; and Wescott, John D., 4,499,732, Cl. 60-602.000.
- Hoopengardner, Merle C.: *See—*
  - Greci, John J.; and Hoopengardner, Merle C., 4,536,244, Cl. 156-304.400.
- Hoopengardner, Merle R., to Jac Tac, Inc. System for holding carpet in place without stretching. 4,557,774, 12-10-85, Cl. 156-71.000.
- Hooper, Alan; and North, John M., to United Kingdom Atomic Energy Authority. Electrochemical cell. 4,547,440, 10-15-85, Cl. 429-112.000.
- Hooper, Bernard. Stepped piston and stepped piston engine. 4,522,163, 6-11-85, Cl. 123-73.00F.
- Hooper, Christopher C.: *See—*
  - Ellison, Burlan E.; Spranca, Harry P.; and Hooper, Christopher C., 4,495,743, Cl. 52-478.000.
- Hooper, Clinton E., to Pitney Bowes Inc. Mailing machine cut tape feed module. 4,492,315, 1-8-85, Cl. 221-186.000.
- Hooper, David W., to Unique Oil Tools, Inc. Packer weighted and pressure differential method and apparatus for Big Hole drilling. 4,534,426, 8-13-85, Cl. 175-65.000.
- Hooper, Francis H. A.: *See—*
  - Martin, Timothy J.; Page, Bernard T.; and Hooper, Francis H. A., 4,546,861, Cl. 188-79.5GE.
- Hooper, Lindsay A., to Repco Limited. Energy absorber for exercising machines. 4,537,396, 8-27-85, Cl. 272-130.000.
- Hooper, Robert L.: *See—*
  - Balbes, Michael S.; Day, Charles E.; Hooper, Robert L.; and Lin, Hank S., 4,538,175, Cl. 358-86.000.
- Hooper, Roger. Dual-grip handle brush for painting and the like. 4,495,669, 1-29-85, Cl. 15-143.00R.
- Hooper, Ronald; and Nichols, Kenneth, to United States of America, Navy. Apparatus for demodulating gyroscope position information. 4,553,439, 11-19-85, Cl. 74-5.400.
- Hooper, Steven J.: *See—*
  - Vogel, Jerald M.; Hooper, Steven J.; and Hand, Jerry L., 4,497,078, Cl. 5-118.000.
- Hooper Trading Co. N.V.: *See—*
  - Fabricius, Hans-Ake; and Stahn, Roland, 4,517,293, Cl. 435-68.000.
- Hoops, Elizabeth A.: *See—*
  - Bean, Maura M.; Nishita, Kazuko D.; and Hoops, Elizabeth A., 4,508,736, Cl. 426-19.000.
- Hoorn, Willem A., to Du Pont de Nemours, E. I., and Company. Automatic X-ray film cassette unloader and reloader. 4,514,958, 5-7-85, Cl. 53-266.00R.
- Hoos, Kazmer: *See—*
  - Mucsy, Endre; and Hoos, Kazmer, 4,525,661, Cl. 322-4.000.
- Hoos, Robert G.: *See—*
  - Larronde, Michael L.; and Hoos, Robert G., 4,531,579, Cl. 166-66.000.
- Hooten, John A.: *See—*
  - Barnes, Johnny G.; Hooten, John A.; Hurley, Patrick J.; and Miller, Ernest L., 4,525,806, Cl. 364-900.000.
- Hooven, Michael D., to Cordis Corporation. Non-invasively adjustable valve. 4,540,400, 9-10-85, Cl. 604-9.000.
- Hooven, Michael D., to Cordis Corporation. Servo valve. 4,557,721, 12-10-85, Cl. 604-9.000.
- Hoover, Alan A.; and Harris, Richard D., to Pentek Corporation. Motion detector and control system for an accumulating live conveyor. 4,534,462, 8-13-85, Cl. 198-781.000.
- Hoover, Bradley R.; and Bagdal, Karl T., to Armco Inc. Roll profile gauge. 4,524,546, 6-25-85, Cl. 51-165.00R.
- Hoover Company, The: *See—*
  - Kuplas, Harbey, 4,539,026, Cl. 55-376.000.
  - Maurer, Edgar A.; and Essex, John D., 4,527,302, Cl. 15-325.000.
  - Oxel, Berton R., 4,498,214, Cl. 15-320.000.
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  - Rennecker, David B.; and Taylor, Walt S., 4,554,698, Cl. 15-339.000.
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  - Schweighandt, Frank; Hoover, David S.; and Garg, Diwakar, 4,518,479, Cl. 208-8.0LE.
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- Hoover, Lonnie D.: *See—*
  - House, Roy F.; and Hoover, Lonnie D., 4,496,468, Cl. 252-8.50A.
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- Hoover, Thomas H.; and Messer, Robert K., to General Electric Company. Method and apparatus for pressure filling an electrochemical cell. 4,529,020, 7-16-85, Cl. 141-103.000.
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  - Glanz, Kenneth D.; and Hoover, Troy E., 4,520,379, Cl. 346-214.000.
- Hoover Universal, Inc.: *See—*
  - Blevins, Theodore J.; and Swiderski, Paul R., 4,494,258, Cl. 5-29.000.
  - Blevins, Theodore J.; and Swiderski, Paul R., 4,509,216, Cl. 5-13.000.
  - Bowman, James A., 4,508,385, Cl. 297-341.000.
  - Cavin, J. N.; and Frees, Kenneth A., 4,516,905, Cl. 414-620.000.
  - Craig, Walter J., 4,505,664, Cl. 425-525.000.
  - Hafele, Robert X., 4,552,526, Cl. 425-522.000.
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- Hoover, William E.: *See—*
  - Smitherman, Robert A.; Staats, Thomas A.; and Hoover, William E., 4,561,137, Cl. 5-12.00R.
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  - Panzner, Frank; and Evans, Brian R., 4,554,170, Cl. 426-651.000.
- Hope, Bjorn R. Apparatus for level measurements. 4,535,628, 8-20-85, Cl. 73-290.00V.
- Hope, Douglas A.: *See—*
  - Bell, James A. E.; Conard, Bruce R.; and Hope, Douglas A., 4,505,060, Cl. 40-27.500.
  - Bell, James A. E.; Conard, Bruce R.; and Hope, Douglas A., 4,551,184, Cl. 148-127.000.
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- Hope, Henry F.; and Hope, Stephen F. Automatic material splicer for photographic materials. 4,561,924, 12-31-85, Cl. 156-361.000.
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  - Hope, Henry F.; Hope, Stephen F.; and Fidelman, David, 4,526,462, Cl. 355-38.000.
- Hope, Lawrence L.; and Plumb, John L., to GTE Products Corporation. Thin film electroluminescent display. 4,506,193, 3-19-85, Cl. 315-169.300.
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  - Hidler, Henry; Davey, Ernest; Hope, Lawrence L.; and Shimer, Robert, 4,544,091, Cl. 228-124.000.
- Hope, Robert; and Brown, Stephen, to Schlegel Canada Inc. Weatherstrip installation apparatus. 4,528,736, 7-16-85, Cl. 29-235.000.
- Hope, Stephen F.: *See—*
  - Hope, Henry F.; Hope, Stephen F.; and Fidelman, David, 4,526,462, Cl. 355-38.000.
  - Hope, Henry F.; and Hope, Stephen F., 4,561,924, Cl. 156-361.000.
- Hopf, Heinrich: *See—*
  - Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, 4,532,295, Cl. 524-827.000.
  - Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, 4,560,724, Cl. 524-734.000.
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- Hopf, Reinhard, to Blaupunkt-Werke GmbH. Method and apparatus for classifying audio signals. 4,542,525, 9-17-85, Cl. 381-56.000.
- Hopfensperger, Reinhold, to International Standard Electric Corporation. Tangential blower. 4,494,908, 1-22-85, Cl. 415-206.000.
- Hopkins, Bob C.: *See—*
  - Jennings, Charles E.; Barrington, Claud C.; Chen, Lien-Yan; Hopkins, Bob C.; McIntyre, John N.; and Regitz, Alfred P., 4,510,960, Cl. 137-75.000.
- Hopkins, Daniel N.; and Snavely, Earl S., to Mobil Oil Corporation. Stem drive oil recovery method utilizing a downhole steam generator and anti clay-swelling agent. 4,522,263, 6-11-85, Cl. 166-272.000.

- Hopkins, David: *See—*
  - DeMarco, Richard E.; Hopkins, David; and Deegan, Dennis I., 4,547,417, Cl. 428-64.000.
- Hopkins, David E., Jr. Body attached elastic type exercising device. 4,540,173, 9-10-85, Cl. 272-139.000.
- Hopkins, David H.: *See—*
  - Newman, Ray L.; and Hopkins, David H., 4,503,904, Cl. 165-76.000.
  - Newman, Ray L.; and Hopkins, David H., 4,503,905, Cl. 165-76.000.
- Hopkins, George D., Jr. Apparatus for and method of constructing, transporting and erecting a structure of two or more stories comprised of a plurality of prefabricated core modules and panelized room elements. 4,513,545, 4-30-85, Cl. 52-79.100.
- Hopkins, Gregory J., to Dexter Chemical Corporation. Foam applicator for wide fabrics. 4,502,304, 3-5-85, Cl. 68-200.000.
- Hopkins, Hammond W. Escalator tread cleaning brush. 4,514,872, 5-7-85, Cl. 15-256.500.
- Hopkins, Harold H., to National Research Development Corporation. Variable stereomicroscope. 4,492,441, 1-8-85, Cl. 350-516.000.
- Hopkins, Linda L.: *See—*
  - Hopkins, Thomas R.; and Hopkins, Linda L., 4,530,606, Cl. 366-129.000.
- Hopkins, Lonnie: *See—*
  - Scrantom, Dehart G.; and Hopkins, Lonnie, 4,561,954, Cl. 204-192.00R.
- Hopkins Manufacturing Corporation: *See—*
  - Hopkins, Ross E., 4,542,592, Cl. 33-386.000.
- Hopkins, Melvyn D.: *See—*
  - Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,550,219, Cl. 174-21.00C.
  - Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,556,755, Cl. 174-21.00C.
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- Hopkins, Quentin G.; and Browning, Jhonce N., to FMC Corporation. Stabilization of high purity hydrogen peroxide. 4,534,945, 8-13-85, Cl. 423-273.000.
- Hopkins, Ronald J.; Thomas, Evan G.; and Kieta, Harold J., to Allied Corporation. Soluble surfactant additives for ammonium fluoride/hydrofluoric acid oxide etchant solutions. 4,517,106, 5-14-85, Cl. 252-79.400.
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- Hopkins, Thomas R., to Lubrizol Corporation, The. Copper salts of succinic anhydride derivatives. 4,552,677, 11-12-85, Cl. 252-33.600.
- Hopkins, Thomas R., to Phillips Petroleum Company. Treatment of yeast cells with proteolytic enzymes. 4,559,307, 12-17-85, Cl. 435-272.000.
- Hopkins, Thomas R.: *See—*
  - Hitzman, Donald O.; and Hopkins, Thomas R., 4,556,635, Cl. 435-25.000.
- Hopkins, Tony A.; and Seitz, Rudolf, to Sandoz Ltd. One-bath method for producing tone-in-tone dyeings on sueded wool- or fur-bearing skins. 4,560,386, 12-24-85, Cl. 8-437.000.
- Hopkinson, Erle: *See—*
  - Clare, Kenneth; and Hopkinson, Erle, 4,519,803, Cl. 8-445.000.
- Hopkinson, Philip J.: *See—*
  - Bell, Gordon M.; and Hopkinson, Philip J., 4,521,956, Cl. 29-605.000.
  - Rademaker, Leo C.; Hopkinson, Philip J.; Bell, Gordon M.; and Hay, Noah D., 4,521,954, Cl. 29-605.000.
- Hopmann, Mark E.: *See—*
  - Krause, William F., Jr.; and Hopmann, Mark E., 4,510,995, Cl. 166-217.000.
- Hopmayer, Gary S.; and Barone, Charles, to Mega International, Inc. Conductor separator, wiring harness, and rectifier assembly for an alternator including same. 4,493,018, 1-8-85, Cl. 363-145.000.
- Hopp, Gene P.: *See—*
  - Becker, Thomas P.; Stout, Christopher B.; and Hopp, Gene P., 4,503,509, Cl. 364-571.000.
- Hopp Press Inc., The: *See—*
  - Greenberger, William, 4,509,279, Cl. 40-447.000.
  - Greenberger, William, 4,556,183, Cl. 248-221.400.
- Hopp, Rudolf; Finkelmeier, Horst; and Langner, Roland, to Haarmann & Reimer GmbH. Preparation of novel dibenzoylmethane derivative sunscreen agents. 4,562,067, 12-31-85, Cl. 424-59.000.
- Hopp, Rudolf: *See—*
  - Finkelmeier, Horst; and Hopp, Rudolf, 4,523,023, Cl. 549-385.000.
- Hopp, Thomas P.; and Woods, Kenneth R., to New York Blood Center, Inc. Identification and preparation of epitopes on antigens and allergens on the basis of hydrophilicity. 4,554,101, 11-19-85, Cl. 260-112.50R.
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- Hoppe, Axel: *See—*
  - Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,537,641, Cl. 148-11.50P.
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- Hoppe, Dieter; and Kleemann, Heinz-Werner, to Bayer Aktiengesellschaft. Process for the preparation of 7-amino-1-dethia-1-oxa-3-hydroxymethyl-cephem-4-carboxylic acids. 4,496,723, 1-29-85, Cl. 544-90.000.
- Hoppe, Gerald W. System for conditioning grain and maintaining same. 4,549,960, 10-29-85, Cl. 209-240.000.
- Hoppe, Hans: *See—*
  - Krambrock, Wolfgang; and Hoppe, Hans, 4,528,092, Cl. 209-139.00R.
- Hoppe, Joachim; and Gauch, Wolfgang, to GAO Gesellschaft fur Automation und Organisation mbH. Sealed identification card with blocking layers. 4,497,872, 2-5-85, Cl. 428-483.000.
- Hoppe, Joachim; and Haghiri-Tehrani, Yahya, to GAO Gesellschaft fur Automation und Organisation mbH. Carrier element for IC-modules. 4,549,247, 10-22-85, Cl. 361-398.000.
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- Hoppe, Joachim: *See—*
  - Haghiri-Tehrani, Yahya; and Hoppe, Joachim, 4,506,915, Cl. 283-75.000.
- Hoppe, Lutz: *See—*
  - Luhmann, Erhard; Hoppe, Lutz; Szablikowski, Klaus; and Lampert, Friedrich-Karl, 4,517,324, Cl. 524-27.000.
- Hoppe, Manfred: *See—*
  - Schmid, Eduard; and Hoppe, Manfred, 4,511,684, Cl. 524-101.000.
- Hoppe, Udo; Wittern, Klaus-Peter; Sauermann, Gerhard; Stelling, Otto; and Rockl, Manfred. Cake of soap with deodorizing action. 4,547,307, 10-15-85, Cl. 252-107.000.
- Hoppe, Wolfgang: *See—*
  - Beckmann, Friedrich K.; Hoppe, Wolfgang; and Meyer, Wolfgang, 4,538,125, Cl. 333-248.000.
- Hoppel, Rainer, to Robert Bosch GmbH. Fuel supply system. 4,532,906, 8-6-85, Cl. 123-470.000.
- Hopper, Chester S.: *See—*
  - Case, Edward M.; and Hopper, Chester S., 4,559,862, Cl. 87-1.000.
- Hopper, James E.: *See—*
  - Herr, Herbert W.; Moon, Seaton; and Hopper, James E., 4,549,744, Cl. 280-415.00A.
- Hopper, Steven P.: *See—*
  - Kanner, Bernard; Hopper, Steven P.; and Sepelak, Dennis J., 4,496,754, Cl. 556-420.000.
  - Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Hopper, Steven P., 4,556,725, Cl. 556-442.000.
- Hopper, Willard C., Jr. Bicycle sealed bearing kit. 4,552,468, 11-12-85, Cl. 384-458.000.
- Hoppert, Bruce N.: *See—*
  - Brown, George E., Jr.; and Hoppert, Bruce N., 4,543,104, Cl. 44-1.0SR.
- Hoppestad, Lamont I.; and Blanos, George A., to Corpane Industries. Article support rack. 4,528,997, 7-16-85, Cl. 134-184.000.
- Hoppie, Lyle O.; and Chute, Richard, to Eaton Corporation. Elastomeric member for energy storage device. 4,531,719, 7-30-85, Cl. 267-57.10R.
- Hoppie, Lyle O., to Eaton Corporation. Elastomeric member. 4,532,16[illegible], 7-30-85, Cl. 428-36.000.
- Hoppie, Lyle O., to Eaton Corporation. Elastomeric member and method of manufacture therefor. 4,557,781, 12-10-85, Cl. 156-245.000.
- Hoppie, Lyle O.: *See—*
  - Schutten, Herman P.; Hoppie, Lyle O.; Turner, David; and Chute, Richard, 4,538,642, Cl. 137-625.280.
- Hopping, Joe M.: *See—*
  - Griego, Deborah B.; Hopping, Joe M.; Rehage, Teddy A.; and Rhodes, John H., Jr., 4,538,905, Cl. 355-14.0SH.
- Hoppner, Bernd: *See—*
  - Schuster, Ludwig; Mueller, Franz-Josef; Anderlohr, Axel; Blei, Peter; Eigenberger, Gerhart; Hoppner, Bernd; Kaibel, Gerd; and Steiner, Wolfgang, 4,517,391, Cl. 568-885.000.
- Hoppner, Werner F.; and Landefeld, James A., to Xerox Corporation. Removable processing cartridge for electrostatographic reproducing apparatus. 4,556,308, 12-3-85, Cl. 355-3.00R.
- Hor, Ah-Mee; and Loutfy, Rafik O., to Xerox Corporation. Photoresponsive imaging members with chloroindium phthalocyanine compositions. 4,555,463, 11-26-85, Cl. 430-59.000.
- Hora, Josef: *See—*
  - Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, 4,549,742, Cl. 280-11.180.
- Horace Small Manufacturing Company: *See—*
  - Small, Irvin L., 4,507,802, Cl. 2-2.500.
- Horacek, Heinrich, to BASF Aktiengesellschaft. Process for the preparation of water-in-water secondary dispersions of water-soluble polymers and their utilization as flocculants. 4,522,968, 6-11-85, Cl. 524-388.000.
- Horacek, Heinrich; Wittmann, Otto; Marx, Matthias; and Mayer, Johann, to BASF Aktiengesellschaft. Process for bonding lignocellulose-containing raw materials with a prepolymer based on a urethane-modified diphenylmethane diisocyanate mixture. 4,546,039, 10-8-85, Cl. 428-357.000.

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Horansky, Frank J.; and Arndt, Eric D., to Aluminum Company of America. Method of forming compressed biscuit having a beveled edge and groove for insertion of strapping means. 4,541,332, 9-17-85, Cl. 100-3.000.

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Horauf, Friedrich: *See—*

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Horbach, Rainer: *See—*

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Horbal, Mark T.: *See—*

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Horbelt, Michael; Schnurle, Hans; Strauss, Peter; and Werner, Peter, to Robert Bosch GmbH. Method for operating an apparatus for a fuel control system of an internal combustion engine during overrunning. 4,549,519, 10-29-85, Cl. 123-493.000.

Horbelt, Michael: *See—*

Schnurle, Hans; Arnold, Herbert; and Horbelt, Michael, 4,502,447, Cl. 123-479.000.

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Horeschi, Giancarlo; and Barozzi, Gian P., to Tokyo Juki Industrial Co., Ltd. Backspace device in typewriter. 4,552,474, 11-12-85, Cl. 400-310.000.

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Horgan, Anthony M.; Kazmaier, Peter M.; and Burt, Richard A., to Xerox Corporation. Squaraines. 4,507,480, 3-26-85, Cl. 546-94.000.

Horgan, Anthony M.: *See—*

Tokoli, Emery G.; Horgan, Anthony M.; and Carmichael, Kathleen M., 4,508,650, Cl. 260-245.860.

Horgan, William J., Jr., to Blumcraft of Pittsburgh. Panic handle for doors. 4,506,922, 3-26-85, Cl. 292-336.300.

Horgan, William J., Jr., to Blumcraft of Pittsburgh. Glass door assembly with transom bar. 4,523,414, 6-18-85, Cl. 52-204.000.

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Hosooka, Shuuichi; Imai, Tetsuji; and Hori, Haruo, 4,497,103, Cl. 29-418.000.

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Hori, Kiyoharu, to Rion Kabushiki Kaisha. Method for measuring the degree of nasality. 4,519,399, 5-28-85, Cl. 128-724.000.

Hori, Kiyoshi, to NEC Corporation. Buffer control system. 4,538,226, 8-27-85, Cl. 364-200.000.

Hori, Kuniyuki; and Kitazawa, Kiyoshi, to Shinko Electric Industries Co., Ltd. Selective electroplating apparatus having a cleaning device. 4,545,885, 10-8-85, Cl. 204-207.000.

Hori, Masaki, to Seiko Giken Kabushiki Kaisha. Vibration-damped power transmission device. 4,504,035, 3-12-85, Cl. 248-559.000.

Hori, Masanori: *See—*

Terasaka, Yoshiyasu; Tanabe, Masao; and Hori, Masanori, 4,549,079, Cl. 250-339.000.

Hori, Michimasa; Hirano, Hideo; Kojima, Yoshinori; and Yuda, Jiro, to Matsushita Electric Industrial Co., Ltd. Rotary compressor with capacity modulation. 4,558,993, 12-17-85, Cl. 417-283.000.

Hori, Mikio; and Fujimura, Hajime, to Wako Pure Chemical Industries, Ltd. Method for preparing 8-acylthio-1,2,3,4,5,6-hexahydro-2,6-methano-3,6(e),11(a)-trimethyl-3-benzazocines. 4,542,215, 9-17-85, Cl. 544-126.000.

Hori, Mikio: *See—*

Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.

Hori, Renji. Automatic lopping machine. 4,527,603, 7-9-85, Cl. 144-2.00Z.

Hori, Ryoichi: *See—*

Etoh, Jun; Kawajiri, Yoshiki; Hori, Ryoichi; and Itoh, Kiyoo, 4,503,522, Cl. 365-203.000.

Hori, Saburo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Powdery material of minute composite ceramic particles having a dual structure and a process and an apparatus producing thereof. 4,491,482, 1-1-85, Cl. 106-308.00B.

Hori, Saburo, to Kureha Chemical Industry Co., Ltd. Composite ceramic powders and a method of making the same. 4,532,224, 7-30-85, Cl. 501-105.000.

Hori, Setsuo: *See—*

Hayashi, Kiyoshi; Hori, Setsuo; Hirata, Nobuyuki; Kobayashi, Kazuhiro; and Mizuno, Masayuki, 4,557,586, Cl. 355-11.000.

Hori, Shigekazu: *See—*

Torizuka, Hideki; Soejima, Tomohide; and Hori, Shigekazu, 4,547,750, Cl. 331-99.000.

Hori, Shozo: *See—*

Kitsunai, Tomoyuki; Saito, Kiyotaka; and Hori, Shozo, 4,504,625, Cl. 525-71.000.

Hori, Takahiro: *See—*

Obitsu, Masamichi; Hori, Takahiro; Koinuma, Toyoji; and Sakaguchi, Yuriko, 4,521,249, Cl. 106-12.000.

Obitsu, Masamichi; and Hori, Takahiro, 4,559,241, Cl. 427-140.000.

Hori, Takako: *See—*

Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.

Hori, Takanobu: *See—*

Tsuchikawa, Shunzo; Hayashi, Masaharu; and Hori, Takanobu, 4,505,641, Cl. 416-189.000.

Hori, Takashi; Ueda, Sanae; and Kojima, Yoshihiro, to Maruzen Oil Co., Ltd. Process for the production of basic alkaline earth metal phenates. 4,518,807, 5-21-85, Cl. 568-716.000.

Hori, Tatsu, to Savin Corporation. Traversing, intermittently contacting sheet pickoff for electrophotographic copier. 4,511,238, 4-16-85, Cl. 355-3.0SH.

Hori, Toshio: *See—*

Semba, Hideo; Hori, Toshio; Sagawa, Noboru; and Nagano, Ryota, 4,528,867, Cl. 74-606.00R.

Hori, Yasuro: *See—*

Hagiwara, Syuya; and Hori, Yasuro, 4,525,791, Cl. 364-508.000.

Kanoi, Minoru; Hori, Yasuro; and Kamata, Yuzuru, 4,514,714, Cl. 336-100.000.

Hori, Yoshikazu: *See—*

Sasaki, Shunroku; Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, 4,562,437, Cl. 343-394.000.

Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, 4,496,951, Cl. 343-394.000.

Hori, Yoshimi; Ishida, Takashi; and Hayashi, Keizo, to Toyoda Gosei Co., Ltd. Spacer in metal-mold vulcanizer for rubber hose. 4,493,632, 1-15-85, Cl. 425-393.000.

Hori, Yuji; Nishimura, Yoshichika; and Takahashi, Fuminobu, to Dai-Ichi Kogyo Seiyaku Co., Ltd. Fluid composition for drilling. 4,519,923, 5-28-85, Cl. 252-8.50C.

Hori, Yuka. Method for cutting out a front part of clothing. 4,542,586, 9-24-85, Cl. 33-12.000.

Hori, Yutaka; Sunakawa, Makoto; Takayama, Kikuo; Matsuoka, Naoki; and Moroishi, Yutaka, to Nitto Electric Industrial Co., Ltd. Pressure-sensitive adhesive composition. 4,500,683, 2-19-85, Cl. 524-533.000.

Hori, Yutaka: *See—*

Okuno, Toshimitsu; Hori, Yutaka; Sunakawa, Makoto; and Inagaki, Sadayuki, 4,510,181, Cl. 427-142.000.

Horiba, Isao; and Iwata, Akira, to Hitachi Medical Corporation. Apparatus for correcting image distortions automatically by inter-image processing. 4,558,462, 12-10-85, Cl. 382-42.000.

Horiba, Ltd.: *See—*

Amimoto, Hiroyuki; and Kohsaka, Hiroji, 4,555,931, Cl. 73-23.000.

Baba, Yasuo; and Asano, Ichiro, 4,559,492, Cl. 324-83.00D.

Ebi, Hiroyuki; and Miyatake, Kimio, 4,501,968, Cl. 250-343.000.

Hosokawa, Yoshinori; Tanimoto, Masahiro; and Tsuji, Katsuya, 4,510,610, Cl. 373-118.000.

Hosokawa, Yoshinori, 4,521,905, Cl. 378-206.000.

  - Ishida, Kozo; and Imaki, Takao, 4,514,635, Cl. 250-343.000.
  - Kohno, Takeshi; and Usui, Seiji, 4,556,473, Cl. 204-409.000.
  - Miyatake, Kimio; Ishida, Kozo; Ebi, Hiroyuki; and Shimada, Takeshi, 4,499,378, Cl. 250-343.000.
  - Miyatake, Kimio; and Tomita, Katsuhiko, 4,499,379, Cl. 250-343.000.
  - Tanaka, Masaru, 4,502,784, Cl. 356-222.000.
  - Tanaka, Masaru; Noguchi, Naoki; Yoshino, Kenji; and Saitoh, Osamu, 4,525,069, Cl. 356-435.000.
  - Tanimoto, Masahiro, 4,553,423, Cl. 73-1.00G.
  - Uematsu, Hiroaki; Aoki, Junji; and Oku, Narihiro, 4,519,890, Cl. 204-409.000.
  - Uematsu, Hiroaki; and Aoki, Junji, 4,551,222, Cl. 204-417.000.
  - Yagi, Taizo, 4,494,089, Cl. 332-14.000.
  - Yagi, Taizo, 4,502,937, Cl. 204-406.000.
  - Yamada, Takeshi; Ohashi, Hideki; and Tanimoto, Masahiro, 4,559,201, Cl. 422-63.000.
- Horiba, Takeshi: *See—*
  - Kondo, Tatsuhei; Takabe, Noboru; and Horiba, Takeshi, 4,543,350, Cl. 514-18.000.
- Horiba, Tamotsu: *See—*
  - Ishida, Yasuhiko; Mori, Taiichi; Hikita, Shigeyuki; and Horiba, Tamotsu, 4,548,625, Cl. 55-282.000.
- Horiba, Tatsuo; Iwamoto, Kazuo; Kawana, Hidejiro; Fujita, Kazunori; and Tamura, Kohki, to Hitachi, Ltd. Fuel element for liquid fuel cell and a liquid fuel cell. 4,493,878, 1-15-85, Cl. 429-12.000.
- Horiba, Tatsuo; Fujita, Kazunori; Matsuda, Shinpei; and Tamura, Kohki, to Hitachi, Ltd. Secondary battery. 4,550,067, 10-29-85, Cl. 429-213.000.
- Horibe, Kiyoshi: *See—*
  - Ito, Tosikazu; Komathuzaki, Kiyomi; Chonan, Kenichi; and Horibe, Kiyoshi, 4,515,066, Cl. 91-454.000.
- Horibe, Osamu, to Nissan Motor Company, Limited. Vacuum suspended type servo device. 4,493,243, 1-15-85, Cl. 91-369.00B.
- Horicke, Bernhard: *See—*
  - Tamm, Franz; Horicke, Bernhard; Welfle, Kurt; Seidel, Michael; Tettke, Wolfgang; and Luckfiel, Karl-Heinz, 4,551,183, Cl. 148-12.00R.
- Horie, Akira: *See—*
  - Yatsuo, Tsutomu; Nagano, Takahiro; Oikawa, Saburo; and Horie, Akira, 4,500,903, Cl. 357-38.000.
- Horie, Fujio: *See—*
  - Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, 4,495,878, Cl. 112-158.00B.
  - Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, 4,502,401, Cl. 112-158.00B.
  - Yoshimura, Motokazu; Takiguchi, Michitaka; Horie, Fujio; and Hirata, Koichi, 4,498,078, Cl. 340-679.000.
- Horie, Hideo: *See—*
  - Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, 4,492,991, Cl. 360-70.000.
  - Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Setsuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.
- Horie, Hiromichi; Shimotori, Kazumi; and Murabayashi, Hideki, to Tokyo Shibaura Denki Kabushiki Kaisha. Iron core material. 4,502,982, 3-5-85, Cl. 252-513.000.
- Horie, Hiromichi; Morita, Mikio; and Arima, Itsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic core and method of producing the same. 4,543,208, 9-24-85, Cl. 252-62.540.
- Horie, Hiromichi: *See—*
  - Okano, Haruo; Yamazaki, Takashi; Horiike, Yasuhiro; and Horie, Hiromichi, 4,526,643, Cl. 156-345.000.
- Horie, Hiroshi: *See—*
  - Ito, Takashi; Sugii, Toshihiro; Fukano, Tetsu; and Horie, Hiroshi, 4,545,114, Cl. 29-579.000.
- Horie, Kiyoshi: *See—*
  - Saitoh, Koichi; Horie, Kiyoshi; Itami, Teruhiko; and Kimoto, Toshifumu, 4,558,327, Cl. 346-74.200.
- Horie, Masakatsu: *See—*
  - Yoshida, Shigeru; Koseki, Minoru; and Horie, Masakatsu, 4,492,983, Cl. 358-260.000.
- Horie, Motonobu; Hirabayashi, Toshiyasu; and Suzuki, Hisao, to Japan Tobacco & Salt Public Corporation. The Cigarette reversing apparatus. 4,550,821, 11-5-85, Cl. 198-416.000.
- Horie, Motonobu; Suzuki, Minoru; and Ogura, Shinji, to Japan Tobacco & Salt Public Corporation. The Cigarette reversing apparatus. 4,556,072, 12-3-85, Cl. 131-282.000.
- Horie, Seiji; Nakano, Junji; Nagata, Masayoshi; and Sato, Hideo, to Fuji Photo Film Co., Ltd. Electrophotographic light-sensitive printing materials. 4,500,622, 2-19-85, Cl. 430-78.000.
- Horie, Seiji; Kawamura, Kouichi; Makino, Naonori; and Sato, Hideo, to Fuji Photo Film Co., Ltd. Disazo compounds, photoconductive compositions and electrophotographic light-sensitive materials containing the same. 4,557,988, 12-10-85, Cl. 430-58.000.
- Horie, Seiji: *See—*
  - Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,508,805, Cl. 430-72.000.
  - Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,533,613, Cl. 430-78.000.
  - Kawamura, Kouichi; Horie, Seiji; and Sato, Hideo, 4,535,045, Cl. 430-60.000.
  - Makino, Naonori; Horie, Seiji; Kawamura, Kouichi; and Sato, Hideo, 4,504,559, Cl. 430-58.000.
- Horie, Shigeru: *See—*
  - Kiriyama, Tsutomu; Horie, Shigeru; Ichihashi, Tetsuo; and Oshida, Masahiro, 4,539,389, Cl. 528-272.000.
- Horie, Shin'ichi; Matsuzaki, Yutaka; and Kagawa, Fumio, to Showa Denko Kabushiki Kaisha. Grinding sheet and process for preparing same. 4,555,250, 11-26-85, Cl. 51-309.000.
- Horie, Tokunaru: *See—*
  - Okuda, Jun; Miwa, Ichitomo; Inagaki, Kazuhiro; Horie, Tokunaru; and Nakayama, Mitsuru, 4,532,254, Cl. 514-456.000.
- Horie, Yoshihiro: *See—*
  - Hanamoto, Hiroyuki; and Horie, Yoshihiro, 4,500,957, Cl. 364-200.000.
- Horig, Joachim; and Schultheiss, Hartmut, to Ferring Arzneimittel GmbH. Polypeptides, a process for their preparation, their use, and a process for the purification. 4,501,733, 2-26-85, Cl. 514-17.000.
- Horigome, Koichi; Okada, Seizo; Nishimura, Katsuji; and Yamamoto, Hachizou, to Sharp Kabushiki Kaisha. Teller machine with preset abilities. 4,509,136, 4-2-85, Cl. 364-900.000.
- Horiguchi, Akira: *See—*
  - Yamada, Ken'ichi; Sumitomo, Hiroyuki; Horiguchi, Akira; and Masutani, Kenzo, 4,509,592, Cl. 165-166.000.
- Horiguchi, Fumio: *See—*
  - Kurosawa, Kei; and Horiguchi, Fumio, 4,505,025, Cl. 29-576.00W.
- Horiguchi, Makoto: *See—*
  - Imazu, Katsuhiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,541,546, Cl. 220-456.000.
- Horiguchi, Satoru, to Dai Nippon Insatsu Kabushiki Kaisha. Plural-sheet detector. 4,504,961, 3-12-85, Cl. 377-8.000.
- Horiguchi, Satoru; and Amemiya, Shinichi, to Dai Nippon Insatsu Kabushiki Kaisha. Device for testing a resist layer on a gravure printing plate. 4,539,839, 9-10-85, Cl. 73-73.000.
- Horiguchi, Satoru; and Harima, Hiroshi, to Dai Nippon Insatsu Kabushiki Kaisha. Print inspecting method and apparatus. 4,561,103, 12-24-85, Cl. 382-1.000.
- Horii, Hitoshi; and Oonishi, Yutaka, to Tachikawa Spring Co., Ltd. Resistance welding apparatus. 4,523,075, 6-11-85, Cl. 219-88.000.
- Horii, Ichiro: *See—*
  - Tashiro, Chiaki; Kawakita, Takeshi; Horii, Ichiro; and Anami, Koretake, 4,514,403, Cl. 514-274.000.
- Horii, Kenichi: *See—*
  - Miki, Toshio; Toda, Yoshihide; and Horii, Kenichi, 4,522,515, Cl. 384-571.000.
- Horii, Kenji: *See—*
  - Satoh, Saburoh; Gotoh, Tatumi; Horii, Kenji; and Akiyama, Hidenori, 4,507,266, Cl. 422-186.150.
- Horii, Kenju: *See—*
  - Kuroda, Takao; Horii, Kenju; and Matsumoto, Shigenori, 4,498,013, Cl. 250-578.000.
- Horii, Kingo; and Masui, Takatoshi, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for controlling fuel cut-off in an internal combustion engine. 4,506,638, 3-26-85, Cl. 123-325.000.
- Horii, Tetsuo; and Kohno, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorter with automatic removal mechanism. 4,494,655, 1-22-85, Cl. 209-569.000.
- Horiike, Satoru: *See—*
  - Tsuchida, Tetsuo; and Horiike, Satoru, 4,506,755, Cl. 180-227.000.
- Horiike, Yasuhiro: *See—*
  - Okano, Haruo; and Horiike, Yasuhiro, 4,492,610, Cl. 156-643.000.
  - Okano, Haruo; Yamazaki, Takashi; Horiike, Yasuhiro; and Horie, Hiromichi, 4,526,643, Cl. 156-345.000.
  - Okano, Haruo; Horiike, Yasuhiro; and Sekine, Makoto, 4,529,475, Cl. 156-643.000.
- Horiishi, Nanao: *See—*
  - Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,529,524, Cl. 252-62.590.
  - Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,539,129, Cl. 252-62.630.
  - Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,548,801, Cl. 423-594.000.
  - Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,561,988, Cl. 252-62.590.
- Horikawa, Kazuo; and Arakawa, Satoshi, to Fuji Photo Film Co., Ltd. Radiation image read-out method and apparatus. 4,496,973, 1-29-85, Cl. 358-111.000.
- Horikawa, Kazuo; and Arakawa, Satoshi, to Fuji Photo Film Co., Ltd. Radiation image read-out method and apparatus. 4,498,006, 2-5-85, Cl. 250-327.200.
- Horikawa, Kazuo; and Arakawa, Satoshi, to Fuji Photo Film Co., Ltd. Radiation image read-out method and apparatus. 4,527,061, 7-2-85, Cl. 250-327.200.
- Horikawa, Kazuo, to Fuji Photo Film Co., Ltd. Method and apparatus for detecting the leading edge of a sheet to be scanned. 4,532,429, 7-30-85, Cl. 250-559.000.
- Horikawa, Kazuo; and Taniguchi, Yutaka, to Fuji Photo Film Co., Ltd. Detector in an image read-out system. 4,546,250, 10-8-85, Cl. 250-227.000.
- Horikawa, Kazuo: *See—*
  - Ohara, Yuji; and Horikawa, Kazuo, 4,535,342, Cl. 346-108.000.
  - Suzuki, Toshiaki; and Horikawa, Kazuo, 4,527,060, Cl. 250-327.200.
- Horikawa, Koji: *See—*
  - Tanaka, Hideki; Kamimura, Masanori; Horikawa, Koji; and Kawasaki, Katsuyuki, 4,525,158, Cl. 474-167.000.
- Horikawa, Takeshi: *See—*
  - Ishido, Takatsugu; and Horikawa, Takeshi, 4,521,571, Cl. 525-437.000.

Kojima, Hidetaka; Horikawa, Takeshi; and Kagotani, Masahiro, 4,537,997, Cl. 568-454.000.

Horikawa, Yoichi: *See—*

Morita, Toyoo; and Horikawa, Yoichi, 4,520,544, Cl. 29-408.000.

Horikawa, Yoshiaki, to Olympus Optical Co., Ltd. Focusing device for optical system. 4,521,108, 6-4-85, Cl. 356-123.000.

Horikawa, Yoshiaki, to Olympus Optical Company, Ltd. Focus detector. 4,543,476, 9-24-85, Cl. 250-201.000.

Horikawa, Yoshiaki, to Olympus Optical Co., Ltd. Image information processing device. 4,559,645, 12-17-85, Cl. 382-65.000.

Horike, Masanori; and Ishikawa, Chuji, to Ricoh Company, Ltd. Ink jet deaeration apparatus. 4,502,055, 2-26-85, Cl. 346-75.000.

Horike, Masanori; Furukawa, Tatsuya; Sekiya, Takuro; Ebi, Yutaka; Isayama, Takuro; and Tachiki, Masaaki, to Ricoh Company, Ltd. Ink ejection head. 4,510,509, 4-9-85, Cl. 346-140.00R.

Horike, Masanori; Furukawa, Tatsuya; Ebi, Yutaka; and Yamazaki, Hiroshi, to Ricoh Company, Ltd. Deflection control type ink jet recorder. 4,535,339, 8-13-85, Cl. 346-75.000.

Horike, Masanori: *See—*

Ebi, Yutaka; Fujii, Tadashi; Sekiya, Takuro; Horike, Masanori; Furukawa, Tatsuya; and Tachiki, Masaaki, 4,504,844, Cl. 346-140.00R.

Furukawa, Tatsuya; and Horike, Masanori, 4,558,995, Cl. 417-322.000.

Ishikawa, Chuji; Iwasaki, Kyuhachiro; Horike, Masanori; and Komai, Hiromichi, 4,520,367, Cl. 346-75.000.

Jinnai, Koichiro; and Horike, Masanori, 4,562,442, Cl. 346-75.000.

Sato, Tsutomu; and Horike, Masanori, 4,550,321, Cl. 346-75.000.

Horikiri, Kenji; Ueda, Fumio; and Ideno, Hiroaki, to Mitsubishi Denki Kabushiki Kaisha. Liquid crystal display device. 4,519,679, 5-28-85, Cl. 350-339.00R.

Horikiri, Kenji: *See—*

Ueda, Fumio; Tsuboi, Yoshiaki; Arai, Hirotsugu; Horikiri, Kenji; and Ideno, Hiroaki, 4,518,959, Cl. 340-784.000.

Horikiri, Shozo; Kadokura, Hidekimi; Harakawa, Masaji; Saegusa, Kunio; and Yamagiwa, Masao, to Sumitomo Chemical Company, Limited. Process for producing inorganic fiber. 4,495,121, 1-22-85, Cl. 264-56.000.

Horikiri, Toshihiko: *See—*

Matsushima, Yoshiaki; Chiaki, Nobutaka; Kato, Kuniaki; and Horikiri, Toshihiko, 4,561,628, Cl. 251-30.010.

Horikoshi, Hiroshi; Arai, Akio; Tsukagoshi, Sadayuki; and Sakamoto, Junichi, to Mitsubishi Denki Kabushiki Kaisha. Device for measuring swing data of baseball bat. 4,515,365, 5-7-85, Cl. 273-25.000.

Horikoshi, Kouki: *See—*

Kita, Yukio; Koide, Kazuo; and Horikoshi, Kouki, 4,514,501, Cl. 435-251.000.

Horikoshi, Shigeo: *See—*

Kumasaka, Sadao; Tada, Satomi; Horikoshi, Shigeo; Kamanaka, Tamaki; and Taniguchi, Hiroshi, 4,517,312, Cl. 521-47.000.

Horikoshi, Tatsuo; Yonezawa, Seiji; Tsuyoshi, Toshiaki; Tooyama, Hiroshi; and Otake, Masatoshi, to Hitachi, Ltd. Device for optically tracking information. 4,541,082, 9-10-85, Cl. 369-44.000.

Horikoshi, Tatsuo: *See—*

Yonezawa, Seiji; Horikoshi, Tatsuo; and Tsuyoshi, Toshiaki, 4,504,937, Cl. 369-44.000.

Horikoshi, Toshio: *See—*

Watanabe, Katsuhiro; Minei, Masayuki; and Horikoshi, Toshio, 4,510,951, Cl. 132-7.000.

Horikoshi, Yukio: *See—*

Sakamaki, Hiroshi; Horikoshi, Yukio; and Yanagihashi, Kikuji, 4,514,156, Cl. 418-173.000.

Sakamaki, Hiroshi; and Horikoshi, Yukio, 4,545,749, Cl. 418-173.000.

Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,548,558, Cl. 418-83.000.

Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,551,896, Cl. 29-156.40R.

Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,561,835, Cl. 418-173.000.

Horimatsu, Kazuo, to Tekken Construction Co., Ltd. Method for constructing underground structure. 4,519,730, 5-28-85, Cl. 405-258.000.

Horimoto, Katsutoshi: *See—*

Ichimura, Mitsunori; Yamamoto, Ryoichi; and Horimoto, Katsutoshi, 4,521,378, Cl. 422-135.000.

Horimoto, Koji: *See—*

Miura, Yoshikazu; Horimoto, Koji; and Sumida, Takenori, 4,510,273, Cl. 523-406.000.

Horimoto, Rioichi, to TDK Corporation. Tape cassette. 4,532,566, 7-30-85, Cl. 360-132.000.

Horimoto, Yukihiro, to Young Sangyo Co., Ltd. Stuffed toy. 4,547,171, 10-15-85, Cl. 446-370.000.

Horino, Shigeo: *See—*

Ohba, Hiroshi; and Horino, Shigeo, 4,519,523, Cl. 221-129.000.

Horinouchi, Atsushi, to Sanyo Electric Co., Ltd. Electronic controlled heat cooking apparatus and method of controlling thereof. 4,517,429, 5-14-85, Cl. 219-10.55B.

Horinouchi, Atsushi: *See—*

Nakata, Takeshi; Horinouchi, Atsushi; and Taino, Kazuo, 4,553,011, Cl. 219-10.55B.

Horio, Kimihide: *See—*

Tomita, Tsutomu; Horio, Kimihide; and Naganawa, Tadahisa, 4,525,151, Cl. 474-101.000.

Horio, Masamitsu: *See—*

Matsuda, Morio; and Horio, Masamitsu, 4,518,810, Cl. 568-905.000.

Horio, Takekazu: *See—*

Saito, Hiraku; Suzuki, Yasuo; Fujii, Katsumi; Miyazaki, Kaoru; and Horio, Takekazu, 4,507,233, Cl. 260-115.000.

Horita, Teruyuki; and Kawamura, Keiji, to Takatori Machinery Mfg. Co., Ltd.; and Kawamura Textile Co., Ltd. Method and apparatus for automatic positioning of open ends of stockings for forming into pantyhose. 4,541,351, 9-17-85, Cl. 112-262.200.

Horita, Yoshiyuki, to Yoshida Kogyo K.K. Method and apparatus for heat setting fastener elements. 4,543,226, 9-24-85, Cl. 264-230.000.

Horiuchi, Hajimu; and Sakaguchi, Akira, to Kawasaki Jukogyo Kabushiki Kaisha. Method for preventing the discoloration of areas around indentation in spot welding. 4,536,637, 8-20-85, Cl. 219-117.100.

Horiuchi, Masami: *See—*

Onishi, Toshiya; Oshima, Susumu; Mikata, Hiromi; Nakata, Haruo; and Horiuchi, Masami, 4,545,428, Cl. 165-110.000.

Horiuchi, Masatada: *See—*

Hagiwara, Takaaki; Horiuchi, Masatada; Kondo, Ryuji; Yatsuda, Yuji; and Minami, Shinichi, 4,514,830, Cl. 365-200.000.

Horiuchi, Michimasa; and Sato, Hiroshi, to Hitachi, Ltd. Chopper control apparatus. 4,491,904, 1-1-85, Cl. 364-130.000.

Horiuchi, Mitsuaki: *See—*

Kiyota, Hideharu; and Horiuchi, Mitsuaki, 4,547,279, Cl. 204-298.000.

Horiuchi, Mitsunori; Suzuki, Yoshihisa; Yasui, Yoshiharu; and Seiki, Kazuo, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method and apparatus for yarn piecing in fasciated yarn spinning. 4,503,662, 3-12-85, Cl. 57-261.000.

Horiuchi, Noriyuki: *See—*

Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.

Horiuchi, Shigenori; and Shinohara, Takeru, to Hoya Corporation. Light beam deflector emitting a pair of output light beams on planes intersecting to each other. 4,549,789, 10-29-85, Cl. 350-358.000.

Horiuchi, Susumu; Hiraoka, Taiji; and Saito, Toru, to Hitachi, Ltd. Chromatographic analysis for anions involving complexing anions with a polyhydric alcohol. 4,507,390, 3-26-85, Cl. 436-161.000.

Horiuchi, Susumu: *See—*

Hirano, Mikio; and Horiuchi, Susumu, 4,526,712, Cl. 252-632.000.

Horiuchi, Teruo, to Kabushiki Kaisha Daini Seikosha. Bar code input electronic timepiece. 4,511,259, 4-16-85, Cl. 368-10.000.

Horiuchi, Tetsuo: *See—*

Yamanari, Shozo; Horiuchi, Tetsuo; Sugisaki, Toshihiko; and Tominaga, Kenji, 4,526,743, Cl. 376-283.000.

Horiuchi, Tomofusa, to Nissan Motor Company, Limited. Auxiliary air supplying apparatus for an internal combustion engine. 4,498,436, 2-12-85, Cl. 123-339.000.

Horiuchi, Toshiaki: *See—*

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.

Horiuchi, Yasuhiro: *See—*

Itoh, Hiroyasu; Suzuki, Yasutoshi; Horiuchi, Yasuhiro; and Hara, Kunihiko, 4,551,669, Cl. 323-268.000.

Horix Manufacturing Co.: *See—*

Le Donne, Giovanni G., 4,553,574, Cl. 141-286.000.

Horiya, Keiichi; Shiozaki, Tsugio; and Sato, Koichiro, to Tokyo Electric Co., Ltd. Thermal printer. 4,507,668, 3-26-85, Cl. 346-76.0PH.

Horiya, Keiichi; and Miyazaki, Naoki, to Tokyo Electric Co., Ltd. Thermal printer. 4,524,367, 6-18-85, Cl. 346-76.0PH.

Horiya, Keiichi: *See—*

Miyazaki, Naoki; Horiya, Keiichi; Shiozaki, Tsugio; and Takahama, Kazuhide, 4,511,903, Cl. 346-76.0PH.

Horizon Co., Ltd.: *See—*

Shimizu, Masaaki; and Aihara, Akira, 4,518,380, Cl. 493-420.000.

Horizon Sports, Inc.: *See—*

Mouser, Donald D., 4,546,973, Cl. 273-1.50R.

Horizon Technology, Inc.: *See—*

Poetker, John J.; and Poetker, Peter, 4,539,472, Cl. 235-488.000.

Horky, John W., to Babson Bros. Co. Dispenser filling apparatus and method. 4,530,370, 7-23-85, Cl. 134-57.00R.

Horl, Ernst, to Parker-Pradifa GmbH. Seal for track chain link of tracked vehicles. 4,504,066, 3-12-85, Cl. 277-84.000.

Horlacher, Wilhelm H.: *See—*

Beyer, Kenneth E.; and Horlacher, Wilhelm H., 4,546,955, Cl. 251-129.150.

Horlamus, Herbert: *See—*

Nied, Roland; Horlamus, Herbert; and Kaiser, Fritz, 4,528,091, Cl. 209-139.00R.

Horlander, Frank J., to International Business Machines Corporation. Regulated voltage and approximate constant power for thermal printhead. 4,531,134, 7-23-85, Cl. 346-76.0PH.

Horlander, Frank J.: *See—*

Bartlett, John C.; Bohnhoff, Alan E.; Croley, Donald F.; Dyer, Stanley; Edds, Kenneth E.; Horlander, Frank J.; and Stafford, Donald W., 4,545,693, Cl. 400-120.000.

Horlbeck, Gernot; and Burzin, Klaus, to Chemische Werke Huels AG. Molding compositions with high toughness and hot-water resistance. 4,496,713, 1-29-85, Cl. 528-272.000.

Horlein, Gerhard; Schonowsky, Hubert; Bieringer, Hermann; and Langeluddeke, Peter, to Hoechst Aktiengesellschaft. Herbicidal agents. 4,493,731, 1-15-85, Cl. 71-118.000.

Horlein, Gerhard: *See—*
Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, 4,531,969, Cl. 71-108.000.

Horlen, Per: *See—*
Andersson, Mikael; Horlen, Per; and Kraemer, Wieland, 4,542,621, Cl. 60-39.050.

Horler, Hansulrich; and Koller, Rudolf, to BBC Brown, Boveri & Company, Limited. Resilient support arrangement for shaft bearings of highspeed rotors, in particular rotors of turbo machines. 4,496,252, 1-29-85, Cl. 384-215.000.

Horler, Hansulrich; and Perego, Ambrogio, to BBC Brown, Boveri & Company, Limited. Externally mounted exhaust-gas turbocharger with uncooled gas duct. 4,534,700, 8-13-85, Cl. 415-135.000.

Horler, Hansulrich, to BBC Brown, Boveri & Company, Limited. Centrifugal lubricating oil pump of an exhaust gas turbocharger. 4,541,784, 9-17-85, Cl. 417-407.000.

Horler, Hansulrich, to BBC Brown, Boveri & Company, Limited. Bearing device for an exhaust gas turbo-charger with tandem rolling-contact bearings. 4,547,083, 10-15-85, Cl. 384-535.000.

Horler, Hansulrich: *See—*
Ammann, Hansruedi; and Horler, Hansulrich, 4,538,969, Cl. 417-407.000.

Horling, Peter: *See—*
Olschewski, Armin; Hetterich, Hermann; Horling, Peter; and Beyfuss, Berthold, 4,522,514, Cl. 384-569.000.

Hormadaly, Jacob, to Du Pont de Nemours, E. I., and Company. Borosilicate glass compositions. 4,536,329, 8-20-85, Cl. 252-518.000.

Hormadaly, Jacob, to Du Pont de Nemours, E. I., and Company. Borosilicate glass compositions. 4,537,703, 8-27-85, Cl. 252-518.000.

Hormadaly, Jacob, to Du Pont de Nemours, E. I., and Company. Thick film resistor compositions. 4,539,223, 9-3-85, Cl. 427-102.000.

Hormadaly, Jacob, to Du Pont de Nemours, E. I., and Company. Method for doping tin oxide. 4,548,741, 10-22-85, Cl. 252-518.000.

Hormadaly, Jacob, to Du Pont de Nemours, E. I., and Company. Resistor compositions. 4,548,742, 10-22-85, Cl. 252-519.000.

Horman, Richard; and Rettke, Wilfried, to Triumph-Adler Aktiengesellschaft fur Buro- und Informationstechnik. Device for monitoring paper in typewriters and similar machines. 4,530,613, 7-23-85, Cl. 400-708.000.

Hormel, Ronald F.; and Miesterfeld, Frederick O. R., to Chrysler Corporation. Fluid level sensor circuitry. 4,550,261, 10-29-85, Cl. 307-118.000.

Horn, Alan S., to Nelson Research & Development Co. Dopamine agonists and use thereof. 4,540,691, 9-10-85, Cl. 514-211.000.

Horn, Alan S.; and Agoston, Sandor, to Nelson Research & Development Co. 2,4-diaminopyridine as a pharmacologic agent. 4,562,196, 12-31-85, Cl. 514-332.000.

Horn, Darrell C.; and Fletcher, Jeffery N., to Up-Right, Inc. Method and apparatus for pruning cordon-trained grape vines. 4,543,775, 10-1-85, Cl. 56-235.000.

Horn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, to BASF Aktiengesellschaft. Preparation of finely divided pulverulent carotinoid and retinoid compositions. 4,522,743, 6-11-85, Cl. 252-311.000.

Horn, Dieter: *See—*
Nissen, Axel; Horner, Michael; Horn, Dieter; Lueddecke, Erik; and Teege, Gernot, 4,511,685, Cl. 524-110.000.

Horn, Don M. Vehicle hoist. 4,506,866, 3-26-85, Cl. 254-2.00B.

Horn, Edward R., to Aladdin Engineering. Retaining ring assembly machine. 4,532,706, 8-6-85, Cl. 29-809.000.

Horn, Friedrich: *See—*
Buchschmid, Emil; Horn, Friedrich; Nieberl, Bruno; Schmidt, Hans-Jorg; and Weyerich, Manfred, 4,494,101, Cl. 336-210.000.

Horn, Gavriel: *See—*
Bar-on, Yair; and Horn, Gavriel, 4,531,237, Cl. 455-343.000.

Horn & Gladden Lint Cleaner Company, Inc.: *See—*
Horn, James L.; Schwartz, Robert C.; and Sparks, John E., 4,528,725, Cl. 19-200.000.

Horn, Heinz: *See—*
Gerber, Heinz; Adam, Klaus; and Horn, Heinz, 4,499,750, Cl. 72-351.000.

Horn, James L.; Schwartz, Robert C.; and Sparks, John E., to Horn & Gladden Lint Cleaner Company, Inc. Gin lint cleaner. 4,528,725, 7-16-85, Cl. 19-200.000.

Horn, James M.: *See—*
Giacobbe, Thomas J.; Williams, Thomas N., Jr.; and Horn, James M., 4,503,245, Cl. 562-414.000.

Horn, Jorg. Method of making extrudable thermoplastic molding material for manufacturing plastic sheeting used in protective covers, especially for vehicles and parts thereof. 4,530,732, 7-23-85, Cl. 156-244.180.

Horn, Klaus, to Viscotherm Aktiengesellschaft. Thermal pulse emitter or detector element. 4,502,339, 3-5-85, Cl. 73-861.050.

Horn, Klaus: *See—*
Donges, Reinhard; and Horn, Klaus, 4,530,747, Cl. 204-159.160.

Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, to BASF Aktiengesellschaft. Polyisocyanurate/polyurethane elastomers based on suspensions of crystalline polyesters and polyhydroxyl compounds. 4,560,708, 12-24-85, Cl. 521-137.000.

Horn, Petr, to Novasina AG. Method and circuitry for measuring the impedance of a sensor. 4,498,044, 2-5-85, Cl. 324-65.00R.

Horn, Richard E.; and Rodeheaver, Bradley D., to Electrochem International, Inc. Method and apparatus for electrodialysis. 4,525,259, 6-25-85, Cl. 204-182.400.

Horn, Richard E., to Electrochem International, Inc. Process and an electrodialytic cell for electrodialytically regenerating a spent electroless copper plating bath. 4,549,946, 10-29-85, Cl. 204-182.400.

Horn, Roland; and Glausch, Erhardt, to Beck & Co., Packautomaten. Device for deflection of a continuous film web in a packaging machine. 4,519,185, 5-28-85, Cl. 53-550.000.

Horn, Stuart B.; Wright, Richard A.; and Dunmire, Howard L., to United States of America, Army. Linear resonance cryogenic cooler. 4,534,176, 8-13-85, Cl. 62-6.000.

Horn, Uriah: *See—*
Francel, Josef; Horn, Uriah; and Stewart, Daniel R., 4,537,862, Cl. 501-14.000.

Horn, Victor M.: *See—*
Matzner, Bruce; Horn, Victor M.; Curulla, Michael V.; and Price, John F., 4,508,679, Cl. 376-438.000.

Horn, William H.: *See—*
Sugama, Toshifumi; Kukacka, Lawrence E.; and Horn, William H., 4,540,726, Cl. 523-505.000.

Hornacek, Kenneth J.: *See—*
Kirsch, Jerry; Kirsch, Kerry F.; and Hornacek, Kenneth J., 4,493,245, Cl. 92-2.000.

Hornack, Thomas R.: *See—*
Jarrett, Noel; and Hornack, Thomas R., 4,504,366, Cl. 204-1.00R.

Hornady Manufacturing Co.: *See—*
David, Donald M.; and Morris, Gene R., 4,526,084, Cl. 86-38.000.

Hornak, Lawrence A.: *See—*
Beni, Gerardo; Hackwood, Susan; and Hornak, Lawrence A., 4,541,771, Cl. 414-730.000.

Hornak, Leonard P.: *See—*
Swidwa, Kenneth J.; Hornak, Leonard P.; and Kowalski, Edward F., 4,511,531, Cl. 376-262.000.

Hornback, Donald L., to Heath Company. Automatic antenna positioning system. 4,542,326, 9-17-85, Cl. 318-565.000.

Hornbaker, Edwin D.; and Jones, Jesse D., to Ethyl Corporation. Polyethylene terephthalate blends. 4,526,923, 7-2-85, Cl. 524-502.000.

Hornbaker, Edwin D.: *See—*
Jones, Jesse D.; and Hornbaker, Edwin D., 4,510,280, Cl. 524-178.000.

Hornberg, Gunnar, to Konstruktions Teknik. Automatic coupling device for loading platforms. 4,518,186, 5-21-85, Cl. 294-82.240.

Horne, Edward A. Container rack. 4,515,334, 5-7-85, Cl. 248-146.000.

Horne, June B. Emergency escape apparatus and method of using same. 4,498,557, 2-12-85, Cl. 182-49.000.

Horne, Kenneth J., to HGM, Inc. Fiber optic laser catheter. 4,519,390, 5-28-85, Cl. 128-303.100.

Horne, Ottis J.: *See—*
Short, Lewis A.; and Horne, Ottis J., 4,532,182, Cl. 428-367.000.

Horner, David J.; Robertson, Robert B.; and Searle, Kenneth G., to Plascoat U.K. Limited. Multiple core hose. 4,529,009, 7-16-85, Cl. 138-111.000.

Horner Flooring Company: *See—*
Hamar, Edward K.; and Blakeman, Gordon E., 4,538,392, Cl. 52-582.000.

Horner, Herbert F., Jr.; Zenner, Michael M.; Nowack, Daniel P.; and Christopherson, Herman P., to Toro Company, The. Lawn mower traction control system. 4,558,558, 12-17-85, Cl. 56-11.300.

Horner, Jerome T.: *See—*
Craver, Joseph N.; and Horner, Jerome T., 4,511,609, Cl. 428-35.000.

Horner, Michael; and Irgang, Matthias, to BASF Aktiengesellschaft. Selective hydrogenation of unsaturated carbonyl compounds. 4,536,347, 8-20-85, Cl. 260-465.00F.

Horner, Michael: *See—*
Nissen, Axel; Horner, Michael; Horn, Dieter; Lueddecke, Erik; and Teege, Gernot, 4,511,685, Cl. 524-110.000.

Horner, Michael S.; Brisken, Axel F.; and Zanelli, Claudio I., to General Electric Company. Ultrasonic transducer and attenuating material for use therein. 4,528,652, 7-9-85, Cl. 367-162.000.

Horner, Reginald M.: *See—*
Baird, Richard H.; Blechar, Theodore J.; Giladett, Leo V. B.; Horner, Reginald M.; Prouty, Gerald G.; and Rinde, David L., 4,527,623, Cl. 165-173.000.

Hornig, Joachim: *See—*
Hofeditz, Wolfgang; Hornig, Joachim, and Karmann, Werner, 4,552,138, Cl. 128-156.000.

Hornle, Reinhold: *See—*
Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, 4,527,746, Cl. 241-23.000.

Hornsby, Carlton R., to Oilgear Company, The. Two tooth tapered reamer. 4,560,309, 12-24-85, Cl. 408-229.000.

Hornschu, Joachim: *See—*
Lang, Walter H.; and Hornschu, Joachim, 4,523,818, Cl. 350-579.000.

Hornschuh, Manfred, to Windmoller & Holscher. Method of mounting printing blocks in correct positions on form cylinders of flexographic printing machines for multicolor printing. 4,520,389, 5-28-85, Cl. 358-107.000.

Hornung, Armin: *See—*
Moll, Reiner; and Hornung, Armin, 4,525,093, Cl. 403-4.000.

Hornung, Friedrich; Jundt, Wolfgang; Schadlich, Fritz; Vogt, Hans-Joachim; and Wunsch, Steffen, to Robert Bosch GmbH. Spring-coupled power screwdriver. 4,502,549, 3-5-85, Cl. 173-12.000.

Hornung, Friedrich; and Schadlich, Fritz, to Robert Bosch GmbH. Rotary electrical tool with speed control, especially drill. 4,540,318, 9-10-85, Cl. 408-9.000.

Hornung, Friedrich: *See—*
Gunther, Klaus; Hornung, Friedrich; Paule, Kurt; and Schadlich, Fritz, 4,493,377, Cl. 173-170.000.
Hornung, Phillip A.: *See—*
De Los Santos, Armando; King, James D.; Rollwitz, William L.; Matzkanin, George A.; and Hornung, Phillip A., 4,514,691, Cl. 324-301.000.
Hornung, Rainer: *See—*
Ehrlich, Willibald; Jooss, Hans; and Hornung, Rainer, 4,511,606, Cl. 427-386.000.
Hornung, Steve, to Kenhar Products Incorporated. Quickchange fork. 4,544,324, 10-1-85, Cl. 414-785.000.
Hornyak, Gyula: *See—*
Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.
Lempert, Karoly; Doleschall, Gabor; Fetter, Jozsef; Hornyak, Gyula; Nyitrai, Jozsef; Simig, Gyula; and Zauer, Karoly, 4,559,406, Cl. 549-291.000.
Horodeck, Richard A., to Cornell Research Foundation, Inc. Method and apparatus for typing Japanese text using multiple systems. 4,544,276, 10-1-85, Cl. 400-110.000.
Horodniceanu, Florian; and Le Fur, Raphael, to Institut Pasteur. Process for producing supports for cell cultures and supports so obtained. 4,504,547, 3-12-85, Cl. 428-407.000.
Horodniceanu, Florian; and Le Fur, Raphael, to Institut Pasteur. Process for growing cell cultures of diploid cells on cell supports. 4,537,790, 8-27-85, Cl. 427-2.000.
Horodysky, Andrew G.; and Kaminski, Joan M., to Mobil Oil Corporation. Trihydroxyhydrocarbyl sulfides and lubricants containing same. 4,492,640, 1-8-85, Cl. 252-46.300.
Horodysky, Andrew G., to Mobil Oil Corporation. Ammoniated borated epoxides and lubricants and fuels containing same. 4,492,642, 1-8-85, Cl. 252-49.600.
Horodysky, Andrew G., to Mobil Oil Corporation. N-hydrocarbylhydrocarbylenediamine carboxylate and lubricants containing same. 4,511,482, 4-16-85, Cl. 252-34.000.
Horodysky, Andrew G.; and Landis, Phillip S., to Mobil Oil Corporation. Borated phosphonates as lubricant and fuel additives. 4,522,629, 6-11-85, Cl. 44-53.000.
Horodysky, Andrew G.; and Herd, Richard S., to Mobil Oil Corporation. Etherdiamine borates and lubricants containing same. 4,522,632, 6-11-85, Cl. 44-72.000.
Horodysky, Andrew G.; Ashjian, Henry; and Gawel, Henry A., to Mobil Oil Corporation. Borated friction reducing additives and compositions thereof. 4,522,734, 6-11-85, Cl. 252-49.600.
Horodysky, Andrew G., to Mobil Oil Corporation. Borated N-hydrocarbyl-hydrocarbylene diamines as multifunctional lubricant/fuel additives and compositions thereof. 4,524,004, 6-18-85, Cl. 252-32.70E.
Horodysky, Andrew G., to Mobil Oil Corporation. Borated dihydrocarbylenetriamine amides and lubricant and fuel compositions containing same. 4,524,005, 6-18-85, Cl. 252-49.600.
Horodysky, Andrew G., to Mobil Oil Corporation. Borated amine-phosphite reaction product and lubricant and fuel containing same. 4,529,528, 7-16-85, Cl. 252-49.600.
Horodysky, Andrew G., to Mobil Oil Corporation. Borated dihydrocarbylenetriamine amides and lubricant and fuel compositions containing same. 4,529,529, 7-16-85, Cl. 252-49.600.
Horodysky, Andrew G.; and Herd, Richard S., to Mobil Oil Corporation. Lubricant composition containing a boron reaction product. 4,532,056, 7-30-85, Cl. 252-49.600.
Horodysky, Andrew G.; and Landis, Phillip S., to Mobil Oil Corporation. Lubricant composition comprising the reaction product of a vicinal diol and a dihydrocarbyl phosphite. 4,532,057, 7-30-85, Cl. 252-49.800.
Horodysky, Andrew G.; and Kaminski, Joan M., to Mobil Oil Corporation. Multifunctional lubricant additives and compositions thereof. 4,534,872, 8-13-85, Cl. 252-32.70E.
Horodysky, Andrew G.; and Landis, Phillip S., to Mobil Oil Corporation. Borated phosphorus-containing compounds and lubricant compositions containing same. 4,536,306, 8-20-85, Cl. 252-32.70E.
Horodysky, Andrew G., to Mobil Oil Corporation. Lubricant composition. 4,536,307, 8-20-85, Cl. 252-32.70E.
Horodysky, Andrew G.; and Kaminski, Joan M., to Mobil Oil Corporation. Zwitterionic quaternary ammonium sulfonates and sulfates and lubricants containing same. 4,536,309, 8-20-85, Cl. 252-33.000.
Horodysky, Andrew G., to Mobil Oil Corporation. Multipurpose antirust and friction reducing additives and compositions thereof. 4,536,311, 8-20-85, Cl. 252-51.50A.
Horodysky, Andrew G.; and Herd, Richard S., to Mobil Oil Corporation. Etherdiamine borates and lubricants containing same. 4,537,692, 8-27-85, Cl. 252-49.600.
Horodysky, Andrew G., to Mobil Oil Corporation. Diamine carboxylates and lubricant compositions containing same. 4,537,694, 8-27-85, Cl. 252-51.50A.
Horodysky, Andrew G.; and Gemmill, Robert M., Jr., to Mobil Oil Corporation. Mixed borate esters and their use as lubricant and fuel additives. 4,541,941, 9-17-85, Cl. 252-49.600.
Horodysky, Andrew G., to Mobil Oil Corporation. Borated epoxyhydrocarbon-phenol sulfide product and lubricant and fuel compositions containing same. 4,541,942, 9-17-85, Cl. 252-49.600.
Horodysky, Andrew G.; and Kaminski, Joan M., to Mobil Oil Corporation. Lubricants containing polyhydroxy hydrocarbylamines. 4,545,915, 10-8-85, Cl. 252-515.00R.
Horodysky, Andrew G., to Mobil Oil Corporation. Lubricants containing sulfurized organic acid diamine salts. 4,549,974, 10-29-85, Cl. 252-33.600.
Horodysky, Andrew G., to Mobil Oil Corporation. Borated adducts of diamines and alkoxides, as multifunctional lubricant additives, and compositions thereof. 4,549,975, 10-29-85, Cl. 252-49.600.
Horodysky, Andrew G.; and Landis, Phillip S., to Mobil Oil Corporation. Lubricant composition containing reaction products of vicinal diols and phosphorus oxyhalides. 4,549,976, 10-29-85, Cl. 252-49.800.
Horodysky, Andrew G., to Mobil Oil Corporation. Amides from dialkylenetriamines and lubricant and fuel compositions containing same. 4,551,257, 11-5-85, Cl. 252-32.70E.
Horodysky, Andrew G., to Mobil Oil Corporation. N-Hydrocarbylhydrocarbylenediamine carboxylate and lubricants containing same. 4,552,569, 11-12-85, Cl. 44-71.000.
Horodysky, Andrew G.; and Landis, Phillip S., to Mobil Oil Corporation. Borated phosphonates as lubricant and fuel additives. 4,555,353, 11-26-85, Cl. 252-49.600.
Horodysky, Andrew G.; and Gemmill, Robert M., Jr., to Mobil Oil Corporation. N-alkoxyalkylenediamine diamides and lubricants containing same. 4,556,497, 12-3-85, Cl. 252-51.50A.
Horodysky, Andrew G., to Mobil Oil Corporation. Aminated boron- and phosphorus-containing compounds and lubricant or fuel compositions containing same. 4,557,844, 12-10-85, Cl. 252-49.900.
Horodysky, Andrew G.; and Landis, Phillip S., to Mobil Oil Corporation. Alkoxylated amine-phosphite reaction product and lubricant and fuel containing same. 4,557,845, 12-10-85, Cl. 252-49.900.
Horodysky, Andrew G.: *See—*
Braid, Milton; and Horodysky, Andrew G., 4,507,216, Cl. 252-49.600.
Horoldt, Ernst; Kraft, Kurt; and Ritz, Jurgen, to Hoechst Aktiengesellschaft. Molding compositions containing triketoimidazolidine precondensates, their use, and a process for preparing a triketoimidazolidine precondensate composite suitable for this purpose. 4,497,915, 2-5-85, Cl. 523-156.000.
Horowicz, Leon, to Schlumberger Technology Corporation. Method for seismic exploration by vertical seismic profiling and installation for its implementation. 4,527,260, 7-2-85, Cl. 367-27.000.
Horowitz, Bernard: *See—*
Neurath, Alexander R.; and Horowitz, Bernard, 4,540,573, Cl. 424-85.000.
Horowitz, Franklin B.; Pfeffer, Martin; and Hertanu, Herold T., to Crawford & Russell, Inc. Additive inventory control, batching and delivery system. 4,525,071, 6-25-85, Cl. 366-152.000.
Horowitz, Isadore. Boat loading and carrying device. 4,531,879, 7-30-85, Cl. 414-462.000.
Horowitz, Justin. Canoe caddy. 4,538,829, 9-3-85, Cl. 280-641.000.
Horowski, Reinhard: *See—*
Dorow, Rainer; Horowski, Reinhard; Kehr, Wolfgang; and Wachtel, Helmut, 4,522,820, Cl. 424-288.000.
Horr, Alfred: *See—*
Brede, Uwe; Horr, Alfred; and Penner, Horst, 4,492,167, Cl. 102-470.000.
Horr, Kenneth R.: *See—*
Dennison, William G.; Horr, Kenneth R.; and Kindler, Robert I., 4,525,694, Cl. 335-132.000.
Horres, C. Russell, Jr., to Becton, Dickinson and Company. Method of stirring. 4,529,706, 7-16-85, Cl. 436-63.000.
Horres, Russell; and Moers, John W., to Pancretec, Inc. Segmented peristaltic pump chamber. 4,559,040, 12-17-85, Cl. 604-153.000.
Horrigan, Richard. Breakaway safety halter. 4,502,265, 3-5-85, Cl. 54-24.000.
Horrmann, Wilhelm. Fatty aldehydes in the treatment of Multiple Sclerosis. 4,505,933, 3-19-85, Cl. 514-693.000.
Horrobin, David F., to Efamol Limited. Pharmaceutical and dietary composition. 4,535,093, 8-13-85, Cl. 514-560.000.
Horsch, Martha E.: *See—*
Swider, Robert A., and Horsch, Martha E., 4,515,911, Cl. 523-414.000.
Horsfall, George B.: *See—*
Arundel, Philip A.; and Horsfall, George B., 4,528,986, Cl. 128-665.000.
Horsky, Anton; Kuhn, Siegfried; and Voss, Wolf-Dietrich, to Oerlikon-Boehringer GmbH. Protection device against overloads in a machine. 4,536,112, 8-20-85, Cl. 409-134.000.
Horsley, John K.: *See—*
Harrington, Timothy C.; and Horsley, John K., 4,534,252, Cl. 83-310.000.
Horsma, David A.; Lyons, Bernard J.; and Smith-Johannsen, Robert, to Raychem Corporation. Layered self-regulating heating article. 4,543,474, 9-24-85, Cl. 219-553.000.
Horsma, David A.; and Hammack, Teddy J., to Raychem Corporation. Positive temperature coefficient of resistance compositions. 4,560,498, 12-24-85, Cl. 252-511.000.
Horst Hausser Metallwaren GmbH: *See—*
Hausser, Horst, 4,508,302, Cl. 248-297.300.
Hausser, Horst, 4,559,879, Cl. 108-136.000.
Horst, Paul V., Sr.; and Hoyt, Charles D., to Crockett & Kelly, Inc. Electrically-powered portable space heater. 4,518,847, 5-21-85, Cl. 219-365.000.
Horst, Zaschke: *See—*
Dietrich, Demus; Horst, Zaschke; Heinz, Altmann; and Michael, Keil, 4,560,496, Cl. 252-299.610.
Horstermann, Peter: *See—*
Erpenbach, Heinz; Gehrmann, Klaus; Horstermann, Peter; Kubbeler, Hans-Klaus; and Kohl, Georg, 4,549,937, Cl. 203-40.000.

- Horstmann, Harald: *See—*
  - Boltze, Karl-Heinz; and Horstmann, Harald, 4,513,004, Cl. 514-414.000.
  - Mardin, Mithat; Sundermann, Rudolf; Hoffmeister, Friedrich; Busse, Wolf-Dieter; Horstmann, Harald; and Raddatz, Siegfried, 4,552,874, Cl. 514-222.000.
- Hortel, Thomas C.: *See—*
  - Beimesch, Wayne E.; and Hortel, Thomas C., 4,497,757, Cl. 264-13.000.
- Hortin, Kenneth L.: *See—*
  - Fellwock, Louis W.; Hortin, Kenneth L.; and Fellwock, Charles G., 4,498,713, Cl. 312-214.000.
- Hortlik, Frantisek: *See—*
  - Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.
  - Junek, Jan; Skarka, Josef; Jaros, Frantisek; Hortlik, Frantisek; Hacova, Kveta; Vobornik, Vaclav; Ohlidal, Vladimi; and Lihtarova, Ludmila, 4,499,718, Cl. 57-301.000.
- Horton, David J. Solar heating system for beehives and other enclosures. 4,494,528, 1-22-85, Cl. 126-429.000.
- Horton, Derek; and Priebe, Waldemar, to Ohio State University, The. 4-demethoxy-3'-desamino-2'-halo-anthracycline and pharmaceutical composition containing same. 4,537,882, 8-27-85, Cl. 514-34.000.
- Horton, Derek; and Priebe, Waldemar A., to Ohio State University Research Foundation, The. 3'-amino-2' halo-anthracycline antibiotics. 4,562,177, 12-31-85, Cl. 514-34.000.
- Horton, Donelson B. Fluid distributor. 4,549,567, 10-29-85, Cl. 137-262.000.
- Horton, Edward E., to Global Marine Inc. Method of installing and using offshore well development and production platforms. 4,492,270, 1-8-85, Cl. 166-358.000.
- Horton, Edward E., to Global Marine Inc. Submerged buoyant offshore drilling and production tower. 4,511,287, 4-16-85, Cl. 405-204.000.
- Horton, Gilbert L.; Poole, Eddie D.; and Foreman, John W., Jr., to Sara Lee Corporation. Label advancing system for a line closer machine. 4,558,653, 12-17-85, Cl. 112-262.200.
- Horton, Jerry L., to Small Waters, Inc. Propelled water craft. 4,537,144, 8-27-85, Cl. 114-61.000.
- Horton, Joel R.; and Eissenberg, David M., to United States of America, Energy. Power recovery system for coal liquefaction process. 4,510,121, 4-9-85, Cl. 422-232.000.
- Horton, Joel R., to United States of America, Energy. Power recovery system for coal liquefaction process. 4,549,954, 10-29-85, Cl. 208-8.0LE.
- Horton, John E.: *See—*
  - Wechter, William J.; and Horton, John E., 4,501,754, Cl. 514-456.000.
- Horton, L. Brent: *See—*
  - Horton, M. Duane; and Horton, L. Brent, 4,527,643, Cl. 175-329.000.
- Horton, M. Duane; and Horton, L. Brent, to Megadiamond Industries Inc. Rotary cutting member for drilling holes. 4,527,643, 7-9-85, Cl. 175-329.000.
- Horton Manufacturing Co., Inc.: *See—*
  - Brooks, Edward D., 4,534,454, Cl. 192-18.00A.
  - Dayen, Leonid, 4,561,522, Cl. 188-71.600.
  - Hanks, James V.; and Dayen, Leonid, 4,557,506, Cl. 285-39.000.
- Horton, Richard, to Duron, Inc. Case packer. 4,506,493, 3-26-85, Cl. 53-499.000.
- Horton, Robert A.; and Jayaraman, Gowri S., to TRW Inc. Apparatus and method for casting single crystal articles. 4,550,764, 11-5-85, Cl. 164-122.200.
- Horton, Robert L.; and Stahl, G. Allan, to Phillips Petroleum Company. Ion exchange-active compositions consisting of water-soluble polyelectrolyte upon ion exchange functional substrate. 4,511,677, 4-16-85, Cl. 521-28.000.
- Horton, Roger L., to Smith International, Inc. Prepackaged crosslinked polymer. 4,505,826, 3-19-85, Cl. 252-8.55R.
- Horton, Truman V. Method for preserving fishing bait. 4,503,077, 3-5-85, Cl. 426-1.000.
- Horttonen, Kalevi, to O. Kytola ja Kumpp. Kommandiittiyhtio . Procedure for lubricating the bearings in equipment comprising a plurality of oil-lubricated bearings. 4,519,247, 5-28-85, Cl. 73-198.000.
- Horvath, Agnes: *See—*
  - Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, 4,495,189, Cl. 514-258.000.
- Horvath, Aniko: *See—*
  - Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.
- Horvath, Carlos F., to Burroughs Corporation. Multiple control stores in a pipelined microcontroller for handling jump and return subroutines. 4,546,431, 10-8-85, Cl. 364-200.000.
- Horvath, Carlos F., to Burroughs Corporation. Multiple control stores in a pipelined microcontroller for handling nester subroutines. 4,551,798, 11-5-85, Cl. 364-200.000.
- Horvath, Eugene B.: *See—*
  - Andrews, Robert W.; Himpsl, Francis L.; Horvath, Eugene B.; and Speronello, Barry K., 4,520,119, Cl. 502-67.000.
- Horvath, Eugene P.: *See—*
  - Gaskin, Virginia R.; Horvath, Eugene P.; and Jansson, Richard M., 4,501,131, Cl. 62-514.00R.
- Horvath, Gabor: *See—*
  - Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor; David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, 4,556,563, Cl. 514-258.000.
- Horvath, Ibolya: *See—*
  - Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252, Cl. 435-240.000.
  - Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.
- Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, to Biogal Gyogyszergyar. Antiviral acylated 1,2,4-triazole derivatives. 4,537,899, 8-27-85, Cl. 514-384.000.
- Horvath, Istvan: *See—*
  - Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
  - Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.
- Horvath, John: *See—*
  - Bell, James L.; and Horvath, John, 4,543,028, Cl. 414-408.000.
- Horvath, Joseph G.; and Miller, James C., to Automeg, Inc. Motor winding leakage monitor. 4,540,922, 9-10-85, Cl. 318-490.000.
- Horvath, Kalman: *See—*
  - Kuhlemann, Bruce N.; Horvath, Kalman; and Wharff, Prentice C., 4,530,697, Cl. 604-263.000.
- Horvath, Laszlo S., to C O D Inter Techniques SA. Weldable tear-off capping film for sealing packages. 4,491,224, 1-1-85, Cl. 206-484.000.
- Horvath, Maria: *See—*
  - Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.
- Horvath nee Gaal, Maria: *See—*
  - Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
- Horvath, Richard L., to United States of America, Air Force. One-piece HPTR blade squealer tip. 4,540,339, 9-10-85, Cl. 416-92.000.
- Horvath, Stanley K., to Ford Motor Company. Stable crosslinked dispersion. 4,556,686, 12-3-85, Cl. 524-315.000.
- Horvath, Tibor, to Metaframe, Inc. Electric pump for use in filtering system of a tropical fish tank or the like. 4,512,724, 4-23-85, Cl. 417-319.000.
- Horvath, Tibor. Puzzle cube. 4,540,177, 9-10-85, Cl. 273-153.00S.
- Horvath, Zoltan: *See—*
  - Muggli, Jurg; Guttinger, Heinz; and Horvath, Zoltan, 4,555,634, Cl. 250-565.000.
- Horvay, Julius B.; and Gelbard, Robert B., to General Electric Company. Household refrigerator with air circulating and cooling arrangement. 4,543,799, 10-1-85, Cl. 62-283.000.
- Horwath, Robert O.; and Colonna, William J., to Nabisco Brands, Inc. Process for isomerizing L-mannose to L-fructose. 4,492,755, 1-8-85, Cl. 435-94.000.
- Horwege, Claus: *See—*
  - Hone, Norbert; Horwege, Claus; and Rosenkranz, Otto, 4,499,044, Cl. 264-521.000.
- Horwitt, Laurence G., to Sun Chemical Corporation. Cigar lighter socket shell driver tool. 4,497,226, 2-5-85, Cl. 81-474.000.
- Horwitz, Benjamin: *See—*
  - Cahen, David; Malkin, Shmuel; Horwitz, Benjamin; and Bults, Gerard, 4,533,252, Cl. 356-432.000.
- Horwitz, Christopher M., to Massachusetts Institute of Technology. Gas mixtures for aluminum etching. 4,495,090, 1-22-85, Cl. 252-372.000.
- Horwitz, Christopher M., to Unisearch Limited. Hollow cathode sputter etcher. 4,521,286, 6-4-85, Cl. 204-192.00E.
- Horwitz, E. Philip; Kalina, Dale G.; Kaplan, Louis; and Mason, George W., to United States of America, Energy. Method for extracting lanthanides and actinides from acid solutions. 4,548,790, 10-22-85, Cl. 423-9.000.
- Horwitz, Jerome P.: *See—*
  - Brooks, Samuel C.; and Horwitz, Jerome P., 4,496,555, Cl. 514-182.000.
- Horwitz, Lawrence B.: *See—*
  - Rouse, Donald W.; and Horwitz, Lawrence B., 4,561,089, Cl. 370-18.000.
- Horwitz, Robert P.: *See—*
  - Cantor, Frank J.; and Horwitz, Robert P., 4,538,959, Cl. 415-98.000.
- Horwood Bagshaw Limited: *See—*
  - Griffin, Alan, 4,502,548, Cl. 172-705.000.
- Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, to Nissan Motor Company, Limited. Multiple microcomputer system with comonitoring/back-up for an automotive vehicle. 4,532,594, 7-30-85, Cl. 364-431.110.
- Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, to Nissan Motor Company, Limited. Electronic engine control system for controlling the energy conversion process of an internal combustion engine. 4,551,803, 11-5-85, Cl. 364-431.050.

- Hosaka, Akio: *See—*
  - Kanegae, Hidetoshi; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,502,446, Cl. 123-479.000.
  - Takase, Sadao; and Hosaka, Akio, 4,495,923, Cl. 123-478.000.
  - Takase, Sadao; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,527,248, Cl. 364-565.000.
- Hosaka, Hideo: *See—*
  - Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,504,305, Cl. 71-98.000.
  - Iwataki, Isao; Fujita, Kagari; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,515,729, Cl. 260-464.000.
- Hosaka, Hiroshi: *See—*
  - Ogata, Takashi; Hosaka, Hiroshi; and Kasai, Shunichi, 4,501,666, Cl. 210-688.000.
- Hosaka, Miyako: *See—*
  - Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,496,611, Cl. 427-160.000.
  - Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,513,061, Cl. 428-429.000.
- Hosaka, Norio: *See—*
  - Yuhara, Akitsuna; Hosaka, Norio; Fujita, Yuji; Kishimoto, Kiyoharu; and Yamada, Jun, 4,500,807, Cl. 310-313.00B.
- Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, to Hitachi, Ltd. Pattern generator. 4,504,726, 3-12-85, Cl. 219-121.0LH.
- Hosaka, Takao: *See—*
  - Yokogawa, Akira; Takahashi, Asao; Maruyama, Isao; and Hosaka, Takao, 4,522,688, Cl. 203-28.000.
- Hosaka, Takefumi; Imai, Takeshi; and Senzaki, Takaya, to Honda Giken Kogyo Kabushiki Kaisha. Shift indicating system for speed change gears of a manual transmission. 4,555,691, 11-26-85, Cl. 340-52.00R.
- Hosaka, Tomiharu: *See—*
  - Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, 4,500,459, Cl. 260-396.00N.
  - Hotta, Shu; Hosaka, Tomiharu; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,501,686, Cl. 252-500.000.
  - Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, 4,510,089, Cl. 260-396.00N.
- Hosaka, Yaoji, to Toyu Food Co-Operative Corporation. Process for manufacturing flavored and patterned tofu. 4,525,373, 6-25-85, Cl. 426-634.000.
- Hosaka, Yoshihiro; Kamoshida, Yoichi; Harita, Yoshiyuki; and Harada, Kunihiro, to Japan Synthetic Rubber Co., Ltd. Positive type photosensitive resin composition with at least two o-quinone diazides. 4,499,171, 2-12-85, Cl. 430-192.000.
- Hosaka, Yukihiro: *See—*
  - Kanto, Noriharu; Hosaka, Yukihiro; Sasaki, Yoshio; Kuramoto, Tatsuo; and Kimura, Masato, 4,555,914, Cl. 62-380.000.
- Hosaka, Yukio: *See—*
  - Satake, Toshihiko; and Hosaka, Yukio, 4,540,286, Cl. 356-445.000.
- Hosbein, John W.; and Hosbein, Roger L., to M. H. Detrick Company. Expansible refractory brick assembly for a furnace roof. 4,529,178, 7-16-85, Cl. 266-283.000.
- Hosbein, Roger L.: *See—*
  - Hosbein, John W.; and Hosbein, Roger L., 4,529,178, Cl. 266-283.000.
- Hosch Fordertechnik GmbH: *See—*
  - Zhang, Jiashan, 4,529,084, Cl. 198-499.000.
- Hosch, Ludwig, to Rohm GmbH. Method for polymerizing methyl methacrylate. 4,550,136, 10-29-85, Cl. 524-718.000.
- Hosel, Fritz, to Trutzschler GmbH & Co. KG. Carding machine or roller card. 4,494,204, 1-15-85, Cl. 364-470.000.
- Hosel, Fritz, to Trutzschler GmbH & Co. KG. Apparatus for transmitting signals in a power driven textile machine. 4,503,430, 3-5-85, Cl. 340-825.520.
- Hosel, Fritz, to Trutzschler GmbH & Co. KG. Computerized control system for a carding machine. 4,530,134, 7-23-85, Cl. 19-105.000.
- Hosel, Fritz, to Trutzschler GmbH & Co. KG. Method and apparatus for determining the height of textile fiber bales. 4,536,852, 8-20-85, Cl. 364-562.000.
- Hosel, Fritz, to Trutzschler GmbH & Co. KG. Electronic pressure responsive switch. 4,562,358, 12-31-85, Cl. 307-118.000.
- Hosel, Fritz: *See—*
  - Leifeld, Ferdinand; and Hosel, Fritz, 4,535,511, Cl. 19-105.000.
- Hosel, Peter, to AGFA-Gevaert, A.G. Arrangement for unloading and loading X-ray film cassettes. 4,512,704, 4-23-85, Cl. 414-292.000.
- Hosford, Gregory S.: *See—*
  - Lane, Lloyd L.; and Hosford, Gregory S., 4,517,855, Cl. 74-528.000.
- Hoshi, Hideaki; Okumura, Jun; Naito, Takayuki; Abe, Yoshio; and Aburaki, Shimpei, to Bristol-Myers Company. Substituted vinyl cephalosporins. 4,520,022, 5-28-85, Cl. 514-200.000.
- Hoshi, Hideo; and Kamamori, Hitoshi, to Seiko Instruments & Electronics Ltd. Picture display device. 4,525,710, 6-25-85, Cl. 340-784.000.
- Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, to Hitachi Chemical Company, Ltd. Continuous production of copper-clad laminate. 4,510,008, 4-9-85, Cl. 156-245.000.
- Hoshi, Minoru: *See—*
  - Miki, Atsushi; Mori, Etsunori; Hoshi, Minoru; and Higaki, Masaru, 4,554,523, Cl. 336-70.000.
- Hoshi, Nobuyoshi: *See—*
  - Komatsu, Isamu; Anzai, Masayasu; Hoshi, Nobuyoshi; and Akimaru, Susumu, 4,545,325, Cl. 118-645.000.
- Hoshi, Shoichi: *See—*
  - Terauchi, Takashi; Sato, Koji; and Hoshi, Shoichi, 4,517,397, Cl. 585-428.000.
- Hoshi, Yoshikazu: *See—*
  - Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
  - Sano, Yukinori; Hoshi, Yoshikazu; and Takahashi, Ikuo, 4,552,114, Cl. 123-481.000.
  - Takano, Yoshiya; and Hoshi, Yoshikazu, 4,517,946, Cl. 123-450.000.
- Hoshida, Robert A.: *See—*
  - Madden, Allan C.; Cellucci, Robert; Hoshida, Robert A.; and MacKay, Duncan, 4,499,768, Cl. 73-462.000.
- Hoshide, Yasuo: *See—*
  - Inoue, Yoichi; Matsumoto, Toshio; Niwa, Hirosuke; Suzuki, Kenichi; and Hoshide, Yasuo, 4,495,356, Cl. 546-268.000.
- Hoshihara, Naoto: *See—*
  - Takahashi, Katsuhiro; Watanabe, Keiichi; Hoshihara, Naoto; and Jinbo, Hiroyuki, 4,548,835, Cl. 427-123.000.
- Hoshika, Shuji, to Asahi Kogaku Kogyo Kabushiki Kaisha. Angle measuring device with line sensor. 4,518,859, 5-21-85, Cl. 250-231.0SE.
- Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, to Asahi Kogaku Kogyo Kabushiki Kaisha. Method and device for measuring eye refraction errors. 4,540,253, 9-10-85, Cl. 351-211.000.
- Hoshikawa, Jun; Iwashita, Yukihiro; and Suzuawa, Osamu, to Epson Corporation. Liquid crystal display panel and process for the production thereof. 4,526,818, 7-2-85, Cl. 428-1.000.
- Hoshikawa, Toru; and Osaki, Yoshihiko, to Mitsubishi Denki Kabushiki Kaisha; and Toyo Tanso Co., Ltd. Inductive heating device having a plurality of heating coil units. 4,503,304, 3-5-85, Cl. 219-10.49R.
- Hoshiko Medical Laboratories, Inc.: *See—*
  - Hoshiko, Yoshinori, 4,508,700, Cl. 423-579.000.
- Hoshiko, Tomonori: *See—*
  - Ozaki, Shoichiro; Hoshiko, Tomonori; and Ogasawara, Tomio, 4,497,815, Cl. 517-274.000.
- Hoshiko, Yoshinori, to Hoshiko Medical Laboratories, Inc. Method of generating oxygen for emergency use. 4,508,700, 4-2-85, Cl. 423-579.000.
- Hoshina, Isamu: *See—*
  - Shimoyama, Mamoru; and Hoshina, Isamu, 4,506,494, Cl. 53-551.000.
- Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, to Teru Hoshino. Substance TH69E and immunopotentiator containing the same. 4,543,259, 9-24-85, Cl. 424-116.000.
- Hoshino Gakki Company, Ltd.: *See—*
  - Hoshino, Yoshihiro, 4,497,092, Cl. 24-514.000.
  - Hoshino, Yoshihiro, 4,528,888, Cl. 84-421.000.
- Hoshino, Isao; and Murakami, Teruo, to Tokyo Shibaura Denki Kabushiki Kaisha. Information recording/reproducing apparatus with disk having sections of different angular velocity. 4,530,018, 7-16-85, Cl. 360-73.000.
- Hoshino, Isao: *See—*
  - Murakami, Teruo; and Hoshino, Isao, 4,512,006, Cl. 369-50.000.
- Hoshino, Kazuo; Tanaka, Teruo; and Ito, Kenjiro, to Nisshin Steel Co., Ltd. Process for preparing strips or sheets of high strength austenitic steel having improved fatigue strength. 4,550,487, 11-5-85, Cl. 29-527.700.
- Hoshino, Kiyotaka: *See—*
  - Watanabe, Yasushi; Suzuki, Yuichi; Nagata, Yukihiro; and Hoshino, Kiyotaka, 4,498,519, Cl. 164-417.000.
- Hoshino, Michio; and Someya, Riyouichi, to Mabuchi Motor Co., Ltd. Brushgear. 4,494,029, 1-15-85, Cl. 310-239.000.
- Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, to Sony Corporation; and Hosiden Electronics Co., Ltd. Integrated circuit socket having an improved cover. 4,497,529, 2-5-85, Cl. 339-75.00M.
- Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, to Sony Corporation; and Hosiden Electronics Co., Ltd. Three-piece multi-connector. 4,501,465, 2-26-85, Cl. 339-176.0MP.
- Hoshino, Mitsutoshi; Terada, Akira; and Sugawara, Shungo, to Nippon Telegraph & Telephone Public Corporation. Magnetic recording member and process for manufacturing the same. 4,529,659, 7-16-85, Cl. 428-422.000.
- Hoshino, Mitsutoshi: *See—*
  - Murata, Norio; Hoshino, Mitsutoshi; and Yamakawa, Shinzo, 4,509,820, Cl. 350-96.210.
- Hoshino, Osamu, to Canon Kabushiki Kaisha. Image receiving member conveying device of a multiplex image forming apparatus. 4,531,828, 7-30-85, Cl. 355-3.0SH.
- Hoshino, Ryoichi: *See—*
  - Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, 4,532,771, Cl. 62-6.000.
- Hoshino, Shigeo; Takenaka, Kazuhiro; and Muro, Hideo, to Nissan Motor Company, Limited. Vibration analyzing device. 4,507,705, 3-26-85, Cl. 361-283.000.

- Hoshino, Shigetaka: *See—*
  - Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.
- Hoshino, Shiro; and Nikaido, Teruo, to Tomy Kogyo Company, Incorporated. Toy having two modes of locomotion. 4,529,391, 7-16-85, Cl. 446-356.000.
- Hoshino, Tadahiko: *See—*
  - Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.
- Hoshino, Takahiro, to Toyo Bussan Kabushiki Kaisha. Cold-proof water-proof garment. 4,533,335, 8-6-85, Cl. 441-102.000.
- Hoshino, Takashi; and Arai, Takao, to Hitachi, Ltd. Data error concealing method and apparatus. 4,497,055, 1-29-85, Cl. 371-31.000.
- Hoshino, Takashi; Arai, Takao; and Nishimura, Keizo, to Hitachi, Ltd. PCM tape recording and reproducing apparatus having a dropout-immune data recording format. 4,539,605, 9-3-85, Cl. 360-32.000.
- Hoshino, Takashi: *See—*
  - Kojima, Noboru; Watatani, Yoshizumi; Arai, Takao; Hoshino, Takashi; and Shibuya, Toshifumi, 4,491,880, Cl. 360-19.100.
- Hoshino, Yasushi: *See—*
  - Momose, Haruhiko; Takahashi, Toshiaki; Hoshino, Yasushi; Matsushima, Kohji; and Yagi, Michio, 4,541,702, Cl. 354-400.000.
- Hoshino, Yoshihiro, to Hoshino Gakki Company, Ltd. Device for fixing rods in selected relative position. 4,497,092, 2-5-85, Cl. 24-514.000.
- Hoshino, Yoshihiro, to Hoshino Gakki Company, Ltd. Adjustable stand for stepped-in high-hat cymbal. 4,528,888, 7-16-85, Cl. 84-421.000.
- Hoshino, Yuji; Endou, Hajime; and Suda, Kazuyoshi, to Mitsui Engineering & Shipbuilding Co., Ltd. Method and apparatus for mobilizing geothermal fluid. 4,558,568, 12-17-85, Cl. 60-641.500.
- Hoshizaki Electric Co., Ltd.: *See—*
  - Hibino, Takashi; Naruse, Nobutaka; and Yoshida, Kazuhiro, 4,505,130, Cl. 62-347.000.
  - Ishiguro, Fumio, 4,555,913, Cl. 62-347.000.
  - Suyama, Tomio; and Osawa, Kazuya, 4,526,014, Cl. 62-347.000.
- Hosid, Jack B.: *See—*
  - Burke, James E., 4,492,223, Cl. 128-57.000.
- Hosiden Electronics Co., Ltd.: *See—*
  - Amano, Katutoshi; and Kakuta, Toshio, 4,509,811, Cl. 339-17.00F.
  - Amano, Katutoshi; and Kakuta, Toshio, 4,547,964, Cl. 29-883.000.
  - Aoki, Shigeo; Tamamura, Junichi; Ukai, Yasuhiro; and Morita, Hideo, 4,497,543, Cl. 350-337.000.
  - Ezure, Tadayoshi, 4,548,455, Cl. 339-45.00M.
  - Hayashida, Kenji, 4,511,770, Cl. 200-6.00B.
  - Hayashida, Kenji, 4,543,459, Cl. 200-67.00D.
  - Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,497,529, Cl. 339-75.00M.
  - Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,501,465, Cl. 339-176.0MP.
  - Katsube, Kazuaki; and Kuwabara, Masami, 4,530,557, Cl. 339-75.00M.
  - Masuda, Toru, 4,493,526, Cl. 339-183.000.
  - Ojima, Shin; Kamiuchi, Hideaki; and Mine, Keiji, 4,538,509, Cl. 99-348.000.
  - Takihara, Yukio, 4,534,610, Cl. 339-206.00P.
  - Tanaka, Masanori, 4,526,433, Cl. 339-75.0MP.
  - Tanaka, Masanori, 4,556,264, Cl. 339-17.0LC.
- Hosie, James: *See—*
  - Waikas, Jack; and Hosie, James, 4,491,164, Cl. 144-194.000.
- Hosiery Maufacturing Corp. of Morganton: *See—*
  - Fullbright, Olen E.; Baird, Truette H.; and Wade, Jack H., 4,527,403, Cl. 66-177.000.
- Hoskin, Dennis H., to Mobil Oil Corporation. Low cost, brine tolerant sulfonate and sulfate surfactants having 1,3-dihydrocarboxy-2-propyl hydrophobic tails. 4,515,701, 5-7-85, Cl. 252-8.55D.
- Hosking, Michael B., to General Dynamics Corporation, Electronics Division. Dual-path circuit board connector with internal switching. 4,520,429, 5-28-85, Cl. 361-413.000.
- Hosking, Steven M.; and Dixon, Christopher J., to De La Rue Systems Limited. Sheet feeding apparatus with sheet separator. 4,560,155, 12-24-85, Cl. 271-11.000.
- Hoskins, James J.; and Kessler, Adriaan, to Procter & Gamble Company, The. Liquid cleansing product with skin feel additives. 4,491,539, 1-1-85, Cl. 252-541.000.
- Hoskins, John T.; and Zillig, Robert G. Fluid coupling and method of assembly. 4,519,449, 5-28-85, Cl. 165-141.000.
- Hoskins, John T.; Zillig, Robert G.; and Zillig, Steven R., to Hoskins, John T.; and Zillig, Robert G. Fluid coupling assembly. 4,538,679, 9-3-85, Cl. 165-178.000.
- Hosler, John F., to Formica Corporation. Decorative laminate having mar-resistant surface. 4,505,974, 3-19-85, Cl. 428-329.000.
- Hosoda, Jun: *See—*
  - Handa, Ryoji; Hosoda, Jun; and Yoshida, Norimasa, 4,535,131, Cl. 525-369.000.
- Hosoda, Kenichiro: *See—*
  - Fukasawa, Atsushi; Hosoda, Kenichiro; Sato, Takuro; and Yoshida, Tatumasa, 4,546,333, Cl. 333-202.000.
- Hosoda, Naoyuki; Uchiyama, Naoki; and Kawanaka, Ryusuke, to Mitsubishi Kinzoku Kabushiki Kaisha; and Mitsubishi Denki Kabushiki Kaisha. Lead alloy soft solder containing radioactive particles used to make more reliable semiconductor devices. 4,512,950, 4-23-85, Cl. 420-563.000.
- Hosoda, Seiichi: *See—*
  - Hattori, Shinichiro; Hosoda, Seiichi; and Takamatsu, Takeshi, 4,524,761, Cl. 128-6.000.
- Hosoe, Katsuharu; Takasu, Yasuhito; and Iwata, Toshiharu, to Nippondenso Co., Ltd. Method and apparatus for ignition timing control of internal combustion engine. 4,541,382, 9-17-85, Cl. 123-425.000.
- Hosoe, Kazuya; and Kinoshita, Takao, to Canon Kabushiki Kaisha. Camera system. 4,527,879, 7-9-85, Cl. 354-400.000.
- Hosoe, Kazuya: *See—*
  - Kinoshita, Takao; and Hosoe, Kazuya, 4,527,053, Cl. 250-201.000.
  - Kinoshita, Takao; Kawabata, Takashi; Hosoe, Kazuya; Tsunekawa, Tokuichi; and Sakane, Toshio, 4,560,864, Cl. 250-201.000.
  - Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, 4,547,663, Cl. 250-201.000.
  - Sakai, Shinji; Shinoda, Nobuhiko; Kinoshita, Takao; Hosoe, Kazuya; and Kawabata, Takashi, 4,496,832, Cl. 250-201.000.
- Hosoe, Takeo: *See—*
  - Goto, Hideo; Hosoe, Takeo; Oda, Toshinori; and Ohtsuka, Sosuke, 4,516,978, Cl. 8-510.000.
- Hosoe, Yuzuru: *See—*
  - Ohta, Norio; Ando, Keikichi; Hosoe, Yuzuru; Sugita, Yutaka; and Ishida, Fumihiko, 4,532,180, Cl. 428-336.000.
- Hosogai, Setsuo: *See—*
  - Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.
- Hosogai, Takeo: *See—*
  - Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.
  - Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,491,465, Cl. 71-88.000.
  - Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,521,242, Cl. 71-94.000.
- Hosogaya, Hiroshi, to Epson Corporation. Paper cutting device for a printer. 4,491,046, 1-1-85, Cl. 83-589.000.
- Hosogaya, Kazuyoshi: *See—*
  - Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,526,121, Cl. 114-73.000.
  - Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,559,888, Cl. 114-74.00R.
- Hosogoe, Junichi, to Alps Electric Co., Ltd. X-Y position input device for display system. 4,559,532, 12-17-85, Cl. 340-710.000.
- Hosogoe, Junichi; Suzuki, Motoyuki; and Ida, Yuichi, to Alps Electric Co., Ltd. X-Y positions input device for display system. 4,562,314, 12-31-85, Cl. 200-5.00R.
- Hosoi, Atsushi: *See—*
  - Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, 4,559,899, Cl. 118-657.000.
- Hosoi, Hideki: *See—*
  - Takaki, Akira; and Hosoi, Hideki, 4,508,876, Cl. 525-310.000.
- Hosoi, Kazuo; and Ozawa, Hitoshi, to Toray Industries, Inc. Purification method of human interferon. 4,541,952, 9-17-85, Cl. 260-112.00R.
- Hosoi, Masahiro: *See—*
  - Nouda, Hiroshi; Hasegawa, Kinji; and Hosoi, Masahiro, 4,557,982, Cl. 428-694.000.
- Hosoi, Masatoshi: *See—*
  - Kamiya, Kenji; and Hosoi, Masatoshi, 4,512,229, Cl. 84-1.010.
- Hosokawa, Masao: *See—*
  - Yamagiwa, Tokio; Ishikawa, Toshio; Ozawa, Jun; Endo, Kaoru; and Hosokawa, Masao, 4,549,132, Cl. 324-54.000.
  - Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.
- Hosokawa, Minoru: *See—*
  - Kawamura, Yoshikazu; Hosokawa, Minoru; Okazaki, Sakiho; and Ishii, Hiroshi, 4,522,507, Cl. 368-157.000.
- Hosokawa, Motoyuki: *See—*
  - Isogai, Nobuo; Okawa, Takashi; Hosokawa, Motoyuki; Wakui, Nastuko; and Watanabe, Toshiyasu, 4,552,986, Cl. 568-902.000.
- Hosokawa-Nauta B.V.: *See—*
  - van der Laan, Jan G. J.; and Entrop, Willem, 4,516,860, Cl. 366-287.000.
- Hosokawa, Seiya: *See—*
  - Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, 4,495,312, Cl. 523-105.000.
- Hosokawa, Takehiko: *See—*
  - Kishi, Noriyuki; Koumura, Takashi; and Hosokawa, Takehiko, 4,531,490, Cl. 123-339.000.
  - Nakajima, Toyohei; and Hosokawa, Takehiko, 4,505,246, Cl. 123-489.000.
- Hosokawa, Teruo: *See—*
  - Morita, Hirofumi; and Hosokawa, Teruo, 4,525,629, Cl. 250-396.0ML.
- Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, to Chugai Seiyaku Kabushiki Kaisha. Ascochlorin derivatives, and pharmaceutical composition containing the same. 4,500,544, 2-19-85, Cl. 514-543.000.
- Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, to Chugai Seiyaku Kabushiki Kaisha. Pyridyl carbonyl ascochlorin derivatives and pharmaceutical compositions containing the same. 4,542,143, 9-17-85, Cl. 514-356.000.

- Hosokawa, Toshiaki: *See—*
  - Takahashi, Akira; Kasahara, Shinju; and Hosokawa, Toshiaki, 4,529,903, Cl. 310-156.000.
- Hosokawa, Toshihiro: *See—*
  - Okumura, Yoshiharu; Kamiyama, Setsuo; Hosokawa, Toshihiro; and Kaneko, Katsumi, 4,499,313, Cl. 568-897.000.
- Hosokawa, Yasuhiko; and Morishima, Naoki, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for thyristor motor. 4,527,109, 7-2-85, Cl. 318-715.000.
- Hosokawa, Yasuhiko: *See—*
  - Matsumura, Susumu; Hosokawa, Yasuhiko; Katsuki, Kanji; and Yano, Masao, 4,555,750, Cl. 365-37.000.
- Hosokawa, Yoshinori; Tanimoto, Masahiro; and Tsuji, Katsuya, to Horiba, Ltd. Extractive furnace for extracting gaseous components from material samples. 4,510,610, 4-9-85, Cl. 373-118.000.
- Hosokawa, Yoshinori, to Horiba, Ltd. Monitor of an X-ray radiation range. 4,521,905, 6-4-85, Cl. 378-206.000.
- Hosomizu, Hiroshi: *See—*
  - Ishida, Tokuji; and Hosomizu, Hiroshi, 4,542,975, Cl. 354-416.000.
  - Nakai, Masaaki; Sahara, Masayoshi; Hosomizu, Hiroshi; and Ishida, Tokuji, 4,496,230, Cl. 354-416.000.
  - Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.
  - Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.
  - Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.
- Hosomizu, Tohru: *See—*
  - Ohno, Kenichi; Hosomizu, Tohru; and Ogawa, Rokutaro, 4,500,906, Cl. 357-71.000.
- Hosono, Akira: *See—*
  - Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.
- Hosono, Nagao, to Canon Kabushiki Kaisha. Image forming apparatus and a unit detachably used in the same. 4,500,195, 2-19-85, Cl. 355-3.00R.
- Hosono, Nagao: *See—*
  - Kanbe, Junichiro; and Hosono, Nagao, 4,511,239, Cl. 355-3.0DD.
  - Tajima, Hatsuo; Takahashi, Tohru; and Hosono, Nagao, 4,538,896, Cl. 355-3.00R.
- Hosono, Tatsukuma: *See—*
  - Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, 4,507,260, Cl. 376-249.000.
- Hosono, Toshio; Sakamoto, Masayoshi; and Ema, Shozo, to Pioneer Electronic Corporation. Selection/drive system for use in a tape recording/reproducing apparatus. 4,507,694, 3-26-85, Cl. 360-90.000.
- Hosono, Yoichi: *See—*
  - Honda, Tadatoshi; and Hosono, Yoichi, 4,495,362, Cl. 560-20.000.
- Hosono, Yoshio: *See—*
  - Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.
- Hosonuma, Kunihiko: *See—*
  - Tamura, Kunimitsu; and Hosonuma, Kunihiko, 4,513,155, Cl. 585-13.000.
- Hosonuma, Masashi: *See—*
  - Asano, Hisoshi; Shimamune, Takayuki; Goto, Toshiki; and Hosonuma, Masashi, 4,500,405, Cl. 204-290.00F.
- Hosooka, Shuuichi; Imai, Tetsuji; and Hori, Haruo, to Yoshida Kogyo K.K. Method for manufacturing a heat insulation sash bar. 4,497,103, 2-5-85, Cl. 29-418.000.
- Hosotani, Takeo: *See—*
  - Yokoyama, Akira; Arano, Yasushi; and Hosotani, Takeo, 4,511,550, Cl. 424-1.100.
- Hosoya, Eiji: *See—*
  - Sekizaki, Satoshi; Hosoya, Eiji; and Takasu, Hotoyuki, 4,534,440, Cl. 180-215.000.
- Hosoya, Katsumi, to Nissan Motor Company, Limited. Alarm system for signaling harmful drops in or low levels of engine oil pressure. 4,504,819, 3-12-85, Cl. 340-60.000.
- Hosoya, Katsumi, to Nissan Motor Company, Limited. Twin ignition plug control system for an internal combustion engine. 4,517,952, 5-21-85, Cl. 123-638.000.
- Hosoya, Masahiro; and Ueno, Tsuyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Developing device. 4,498,756, 2-12-85, Cl. 355-3.0DD.
- Hosoya, Masahiro; and Ueno, Tsuyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Developing device. 4,521,098, 6-4-85, Cl. 355-3.0DD.
- Hosoya, Masahiro: *See—*
  - Nosaki, Takefumi; Tanimoto, Koji; and Hosoya, Masahiro, 4,558,941, Cl. 355-3.0DD.
- Hosoya, Mitsuru; Tsuchiya, Takao; and Toyoda, Naokuni, to Sony Corporation. Picture quality adjusting circuit. 4,559,558, 12-17-85, Cl. 358-162.000.
- Hosoya, Nobukazu: *See—*
  - Murakami, Yoshihiro; and Hosoya, Nobukazu, 4,520,328, Cl. 332-31.00T.
- Hosoya, Toshiro, to Tobishi Industries Ltd. Small shaded-pole motor. 4,496,869, 1-29-85, Cl. 310-172.000.
- Hosoya, Toshiro, to U.S. Industrial Products Co. Gas detecting and monitoring device. 4,498,330, 2-12-85, Cl. 73-23.000.
- Hosoya, Toshiro, to Tobishi Industries Ltd. Compact capacitor motor with thin coil cores. 4,514,655, 4-30-85, Cl. 310-218.000.
- Hosoyama, Kenji; and Hirabayashi, Hiromi, to National Laboratory for High Energy Physics. Compact helium gas-refrigerating and liquefying apparatus. 4,498,313, 2-12-85, Cl. 62-514.00R.
- Hospadaruk, Vladimir: *See—*
  - Huff, John; Wiggle, Ronald R.; and Hospadaruk, Vladimir, 4,508,684, Cl. 422-8.000.
- Hospal Industrie: *See—*
  - Marze, Xavier, 4,545,910, Cl. 210-651.000.
- Hospal-Sodip, S.A.: *See—*
  - Pusineri, Christian; and Goletto, Jean, 4,499,124, Cl. 427-385.500.
- Hospital for Joint Diseases Orthopedic Institute: *See—*
  - Gross, Clifford M., 4,553,551, Cl. 128-567.000.
- Hospital For Sick Children, The: *See—*
  - Morin, J. Donald, 4,517,747, Cl. 33-178.00B.
- Hoss, Bradley J.: *See—*
  - Newsome, David L.; Rein, Arnold R.; Hoss, Bradley J.; and Schroeder, George O., 4,557,780, Cl. 156-244.110.
- Hoss, Robert E.: *See—*
  - Lewallen, Steve F.; Lewis, Billy J.; McIver, James R.; Hoss, Robert E.; and Pierce, Edward W., 4,530,853, Cl. 427-113.000.
- Hoster, Thomas: *See—*
  - Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Philipp, Clemens, 4,502,526, Cl. 164-415.000.
  - Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Potschke, Jurgen, 4,553,582, Cl. 164-432.000.
- Hostetler, Eldon, to Ziggity Systems, Inc. Watering system for fowl and small animals. 4,491,088, 1-1-85, Cl. 119-72.500.
- Hostetler, John E.; Hulsebusch, William H.; and Sears, I. Weir, to Sears Manufacturing Company. Process for forming cushion articles. 4,559,094, 12-17-85, Cl. 156-212.000.
- Hostetler, John E.: *See—*
  - Sears, I. Weir; Hostetler, John E.; and Hulsebusch, William H., 4,555,814, Cl. 2-227.000.
- Hostetter, David L., to Kimball International, Inc. Access panel. 4,559,410, 12-17-85, Cl. 174-48.000.
- Hostetter, David L.: *See—*
  - Henriott, Jay M.; and Hostetter, David L., 4,535,703, Cl. 108-50.000.
- Hostettler, Fritz. Microcellular polyurethane foams having integral skin. 4,524,102, 6-18-85, Cl. 428-318.800.
- Hostettler, Fritz, to Pirri, Jaquelyn P., a part interest. Preparation of microcellular polyurethane elastomers. 4,559,366, 12-17-85, Cl. 521-51.000.
- Hotaka Engineering Co., Ltd.: *See—*
  - Saitoh, Kazunori, 4,492,567, Cl. 432-30.000.
- Hotchkiss-Brandt Sogeme H.B.S.: *See—*
  - Divoux, Michel; Bonansea, Hubert; and Constant, Bernard, 4,492,509, Cl. 414-387.000.
  - Eyer, Jean, 4,493,484, Cl. 271-220.000.
  - Pavie, Claude, 4,542,818, Cl. 198-469.100.
- Hotger, Karl, to Gebr. Eickhoff Maschinenfabrik und Eisengiesserei m.b.H. High-pressure ball valve. 4,541,607, 9-17-85, Cl. 251-63.400.
- Hotier, Gerard: *See—*
  - Deschamps, Andre; Cosyns, Jean; Le Page, Jean-Francois; and Hotier, Gerard, 4,505,880, Cl. 423-219.000.
- Hotovy, James R., to Wickes Corporation, The. In-bin, controlled atmosphere, grain drying systems and the like. 4,530,167, 7-23-85, Cl. 34-47.000.
- Hotpoint Limited: *See—*
  - Croxford, George A.; and Hackett, Anthony M., 4,540,011, Cl. 137-15.000.
- Hotta, Hiroshi; and Suzuki, Yoshiharu, to Polyplastics Company, Ltd. Sputtering method. 4,525,261, 6-25-85, Cl. 204-192.0EC.
- Hotta, Hiroshi: *See—*
  - Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, 4,540,773, Cl. 528-480.000.
- Hotta, Kunihiko: *See—*
  - Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; Kajiyama, Takashi; and Hotta, Kunihiko, 4,540,449, Cl. 148-31.500.
- Hotta, Masao; Maio, Kenji; and Nagaishi, Hiromi, to Hitachi, Ltd. Digital-to-analog converter using a feedback element matching technique. 4,549,166, 10-22-85, Cl. 340-347.0DA.
- Hotta, Masashi, to Shimano Industrial Company Limited. Portable constant temperature box. 4,509,645, 4-9-85, Cl. 206-545.000.
- Hotta, Nobuyuki, to Kioritz Corporation. Air cleaner. 4,552,574, 11-12-85, Cl. 55-501.000.
- Hotta, Seiko: *See—*
  - Sangu, Osamu; and Hotta, Seiko, 4,500,775, Cl. 219-497.000.
- Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, to Matsushita Electric Industrial Co., Ltd. Tetracyanoanthraquinodimethane compounds. 4,500,459, 2-19-85, Cl. 260-396.00N.
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- Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, to Matsushita Electric Industrial Co., Ltd. Octahydrotetracyanoquinodimethane and derivatives thereof. 4,510,089, 4-9-85, Cl. 260-396.00N.
- Hotta, Shu; Shimizu, Tokihiko; and Taguchi, Nobuyoshi, to Matsushita Electric Industrial Co., Ltd. Dye transfer sheets for heat-sensitive recording. 4,541,830, 9-17-85, Cl. 8-471.000.

Hotta, Toshihiro, to Kabushiki Kaisha Morita Seisakusho. Speed control system for small medical motors. 4,494,057, 1-15-85, Cl. 318-317.000.

Hotta, Wataru: *See—*
- Shindow, Yoshio; Tsutsumi, Masaya; Hotta, Wataru; and Miyauchi, Yujiro, 4,522,892, Cl. 428-628.000.

Hotta, Yoshio, to Canon Kabushiki Kaisha. Electro-optical device having homogeneous alignment layer hardened with cross-linking agents. 4,561,725, 12-31-85, Cl. 350-341.000.

Hotta, Yuji: *See—*
- Koitabashi, Takeo; Matsuzaka, Syoji; Hotta, Yuji; and Iwata, Masatoshi, 4,514,491, Cl. 430-567.000.

Hotten, Terrence M.: *See—*
- Chakrabarti, Jiban K.; Hotten, Terrence M.; and Steggles, David J., 4,492,699, Cl. 424-250.000.
- Chakrabarti, Jiban K.; and Hotten, Terrence M., 4,542,131, Cl. 514-220.000.

Hottendorf, Girard H.: *See—*
- Williams, Patricia D.; and Hottendorf, Girard H., 4,526,888, Cl. 514-12.000.

Hottenrott, Hans G.; Hodge, Philo B.; and Cochran, Thomas J., to International Business Machines Corporation. Buckling beam twist probe contactor assembly with spring biased stripper plate. 4,518,910, 5-21-85, Cl. 324-158.00P.

Hottes, Ronald W., to Allied Products Corporation. Rotary mower having ground supported frames. 4,538,400, 9-3-85, Cl. 56-11.800.

Hottinger Baldwin Measurements, Inc.: *See—*
- Hellwig, Reimar, 4,545,262, Cl. 73-862.650.
- Lockery, Harry E., 4,506,746, Cl. 177-211.000.
- Lockery, Harry E.; and Freymiller, Edward, 4,556,115, Cl. 177-211.000.
- Rubinstein, Randall B., 4,515,232, Cl. 177-154.000.

Hottori, Makoto; and Yamanaka, Shoji, to Daicel Chemical Industries, Ltd. Electrochromic material and lubricant. 4,562,056, 12-31-85, Cl. 423-351.000.

Hou, Kenneth C., to AMF Incorporated. Fibrous media containing millimicron-sized particulates. 4,511,473, 4-16-85, Cl. 210-348.000.

Hou, Kenneth C., to AMF Incorporated. Process for preparing a zero standard serum. 4,559,145, 12-17-85, Cl. 210-679.000.

Hou, Kenneth C.: *See—*
- Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., 4,512,897, Cl. 210-656.000.

Houben, Jan P.; and Moolenaar, Antonie J., to Skil Nederland B.V. Commutator motor and improved brush construction for use in portable machine tools. 4,539,500, 9-3-85, Cl. 310-230.000.

Houchens, Albert F.; Cleveland, Dixon; Decina, Basil A., Jr.; Watney, Dale K.; Havens, James R.; and Nagel, Gregory L., to General Motors Corporation. Method and apparatus for predicting and controlling the quality of a resistance spot weld. 4,493,965, 1-15-85, Cl. 219-109.000.

Houchens, Albert F.; Decina, Basil A., Jr.; Havens, James R.; Cleveland, Dixon; and Nagel, Gregory L., to General Motors Corporation. Method and apparatus for detecting the onset of melting in a resistance spot weld. 4,503,311, 3-5-85, Cl. 219-109.000.

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Houdaille Industries, Inc.: *See—*
- Crowley, John E., 4,510,977, Cl. 140-123.000.
- Hill, Ronald C.; Stein, Richard M.; Bzibziak, Raymond J.; and Goodwill, Robert, 4,516,448, Cl. 83-137.000.
- Mello, William R., 4,504,824, Cl. 340-680.000.
- Schultz, John C., 4,505,458, Cl. 267-9.00B.
- Tremain, David L.; Beach, Burt L.; and Rimington, David J., 4,561,305, Cl. 73-323.000.

Houdard, Charles; and Le Parquier, Guy, to LMT Radio Professionnelle. Ground surveillance Doppler radar. 4,553,144, 11-12-85, Cl. 343-7.700.

Houdard, Jean-Pierre; and Patte, Philippe F., to Le Materiel Telephonique Thomson-CSF. Procedure for shared-time processing of digital signals and application to a multiplexed self-adapting echo canceler. 4,507,747, 3-26-85, Cl. 364-724.000.

Houdart, Michel; Arruberrenal, Edouard; and Maurette, Frederic, to Thomson-CSF. Wideband microwave device generating even harmonics of an incident signal. 4,523,163, 6-11-85, Cl. 333-218.000.

Houdayer, Bernard; Le Fur, Bernard; Meneghin, Rene; and Moniod, Jean-Michel, to Cebal. Method of fitting a metal closure. 4,555,208, 11-26-85, Cl. 413-2.000.

Hougen, Everett D. Chip breaker for annular hole cutting tools. 4,514,120, 4-30-85, Cl. 409-137.000.

Hougen, Everett D. Annular cutter. 4,538,944, 9-3-85, Cl. 408-206.000.

Hougen, Everett D. Annular cutter. 4,557,641, 12-10-85, Cl. 408-204.000.

Hougen Manufacturing, Inc.: *See—*
- Beharry, Michael, 4,516,890, Cl. 408-204.000.

Hough, David L.: *See—*
- Clemens, A. H.; and Hough, David L., 4,526,568, Cl. 604-4.000.

Hough, Leslie; Phadnis, Shashikant P.; Khan, Riaz A.; and Jenner, Michael R., to Chemical Bank. Chloro-substituted sucrose compounds. 4,549,013, 10-22-85, Cl. 536-122.000.

Hough, Thomas L.; and Jones, Graham P., to FBC Limited. Herbicidal heterocyclic compounds and compositions. 4,501,605, 2-26-85, Cl. 71-90.000.

Houghtalen, Steven R.: *See—*
- Agnew, Palmer W.; Buonomo, Joseph P.; Houghtalen, Steven R.; Kellerman, Anne S.; Losinger, Raymond E.; and Valashinas, James W., 4,514,803, Cl. 364-200.000.

Houghten, Richard A., to Scripps Clinic and Research Foundation. Synthetic heat-stable enterotoxin polypeptide of *Escherichia coli*. 4,545,931, 10-8-85, Cl. 260-112.50R.

Houghton, Alan N.: *See—*
- Real, Francisco X.; Mattes, M. Jules; Houghton, Alan N.; Livingston, Philip O.; Lloyd, Kenneth O.; Oettgen, Herbert F.; and Old, Lloyd J., 4,562,160, Cl. 436-539.000.

Houghton, Daniel A.: *See—*
- Henderson, Janet M.; Andrews, Michael F.; and Houghton, Daniel A., 4,530,061, Cl. 364-475.000.

Houghton, James T.: *See—*
- Reynolds, Keith B.; Freston, Trevor R.; Ord, Richard N.; and Houghton, James T., 4,541,757, Cl. 407-53.000.

Houghton, Leonard E.: *See—*
- Coffee, Ronald A.; Bennett, Peter C.; Houghton, Leonard E.; Johnson, Graham C.; Sommerville, John A.; Boyce, Peter H.; and Currall, William J. P., 4,553,702, Cl. 239-690.000.

Houghton, Richard W. Degassing/brine tank for pool chlorinating system. 4,508,687, 4-2-85, Cl. 422-276.000.

Houghton, Royal E.; and Walasewicz, Stanley J. Gimbal-mounted dressing device for grinding machine. 4,522,188, 6-11-85, Cl. 125-11.0CC.

Houlberg, Jorn P. Injection moulded bag closure. 4,514,876, 5-7-85, Cl. 16-110.00R.

Houlbrook, Kenneth; and Thornton, Paul A., to Clantex Limited. Dispensers for flowable compositions. 4,508,245, 4-2-85, Cl. 222-327.000.

Houlden, Stephen: *See—*
- Bugg, John W. J.; and Houlden, Stephen, 4,552,202, Cl. 164-528.000.

Houldsworth, John, to Chessell Limited. Self-propelled drawing device or tracing device. 4,528,754, 7-16-85, Cl. 33-18.00R.

Houle, Raymond T.; Kilbourn, Frederick A.; De Kraker, James E.; and Nilsson, Robert T., to Silchor. Home bathing unit. 4,546,506, 10-15-85, Cl. 4-555.000.

Houlon, Louis P.: *See—*
- Froment, Jean-Paul; and Houlon, Louis P., 4,534,385, Cl. 139-79.000.

Houlsby, Robert D., to CooperVision, Inc. Sterilizing treatment with hydrogen peroxide and neutralization of residual amounts thereof. 4,521,375, 6-4-85, Cl. 422-29.000.

Hoult, David P. Gas-lubricated seal for sealing between a piston and a cylinder wall. 4,540,185, 9-10-85, Cl. 277-174.000.

Houminer, Yoram; and Podraza, Kenneth F., to Philip Morris Incorporated. Smoking compositions. 4,509,537, 4-9-85, Cl. 131-276.000.

Houminer, Yoram: *See—*
- Chan, W. Geoffrey; and Houminer, Yoram, 4,538,627, Cl. 131-276.000.
- Edwards, William B., III; and Houminer, Yoram, 4,561,451, Cl. 131-278.000.
- Podraza, Kenneth F.; and Houminer, Yoram, 4,540,004, Cl. 131-277.000.
- Williams, David L.; Southwick, Everett W.; and Houminer, Yoram, 4,535,791, Cl. 131-278.000.

Houng, Huang C. Detachable inflight headset for civil aircraft. 4,542,803, 9-24-85, Cl. 181-129.000.

Houng, Huang-Kiang. Inflight headset for civil aircraft. 4,554,993, 11-26-85, Cl. 181-130.000.

Hounsel, Mack A., to J. T. Thorpe Company. Refractory fiber ladle preheater sealing rings. 4,492,382, 1-8-85, Cl. 277-12.000.

Hounsell, Melvin W. Microbial culture apparatus. 4,546,086, 10-8-85, Cl. 435-287.000.

Hounsfield, Godfrey N., to EMI Limited. Method and apparatus for radiography comprising calibrating means. 4,497,061, 1-29-85, Cl. 378-18.000.

Houpt, Grover K.; and Kayros, Richard, to American Manufacturing Company, Inc. Two-way pawl-ratchet wheel assembly. 4,561,320, 12-31-85, Cl. 74-128.000.

Hourahane, Donald H.; and Strover, Angus E., to South African Inventions Development Corporation. Set of surgical instruments. 4,535,768, 8-20-85, Cl. 128-305.100.

House, David W., to UOP Inc. Hydrolysis of water-insoluble organic halides. 4,500,740, 2-19-85, Cl. 568-796.000.

House, David W., to UOP Inc. Electrically conducting polymers. 4,505,845, 3-19-85, Cl. 252-500.000.

House, David W.; and Swedo, Raymond J., to UOP Inc. Electrically conducting polymers. 4,505,846, 3-19-85, Cl. 252-500.000.

House, David W., to UOP Inc. Resolution of alcohols using amino acids. 4,524,223, 6-18-85, Cl. 568-715.000.

House, David W.: *See—*
- Swedo, Raymond J.; and House, David W., 4,511,492, Cl. 252-500.000.

House Food Industrial Company Limited: *See—*
- Hayase, Masao; and Araki, Yozo, 4,525,978, Cl. 53-167.000.
- Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, 4,561,509, Cl. 177-25.000.
- Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,516,596, Cl. 137-240.000.
- Sugisawa, Ko; Matsumura, Yasushi; and Taga, Kazumitsu, 4,520,574, Cl. 34-5.000.

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Kouji; and Higashine, Seiji, 4,524,080, Cl. 426-236.000.

Sugisawa, Ko; Matsumura, Yasushi; Taga, Kazumitsu; Sengoku, Kouji; and Nagatome, Yoshiaki, 4,537,789, Cl. 426-634.000.

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,539,903, Cl. 99-470.000.

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, 4,557,939, Cl. 426-473.000.

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,559,963, Cl. 137-1.000.

House of Lloyd, Inc.: *See—*

Lloyd, Harry J., Jr.; Huggins, Hoyt W.; Lyon, Michael R.; Thayer, David N.; and McGovney, William E., 4,542,808, Cl. 186-56.000.

House, Roy F.; and Hoover, Lonnie D., to NL Industries, Inc. Hydrated hydroxyethyl cellulose compositions. 4,496,468, 1-29-85, Cl. 252-8.50A.

House, Roy F.; and Scearce, Forrest A., to NL Industries, Inc. Oil based packer fluids. 4,528,104, 7-9-85, Cl. 252-8.50M.

House, V. Dean, to Spectra-Symbol Corporation. Touch-controlled circuit apparatus for voltage selection. 4,494,105, 1-15-85, Cl. 338-114.000.

House, William N., to Harman International Industries Incorporated. Multi-driver loudspeaker. 4,497,981, 2-5-85, Cl. 179-115.5PS.

House, William N., to Harman International Industries Incorporated. Multi-driver loudspeaker. 4,554,414, 11-19-85, Cl. 179-115.5PS.

Houseman, Barton L.: *See—*

Elliott, Guy R. B.; McDaniel, Milton W.; and Houseman, Barton L., 4,531,593, Cl. 175-71.000.

Houseman, David L., to Data General Corporation. Digital data processing system having object-based logical memory addressing and self-structuring modular memory. 4,513,368, 4-23-85, Cl. 364-200.000.

Houseman, David L.; and Bowden, Paul, to Data General Corporation. Content-addressable memory module with associative clear. 4,559,618, 12-17-85, Cl. 365-49.000.

Houseman, David L.: *See—*

Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.

Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.

Houseman, John: *See—*

Johnston, Ian F.; and Houseman, John, 4,529,407, Cl. 44-21.000.

Houser, Clifford F. Hydrogen generator. 4,543,246, 9-24-85, Cl. 423-648.00R.

Houser, David E.: *See—*

Frisbie, Richard C.; Houser, David E.; Morenus, Richard J.; and Thomas, Edwin L., 4,515,505, Cl. 409-163.000.

Houser, John, Jr.; and Laughon, Thomas C., to Singer Company, The. Speed regulator for power tool. 4,513,381, 4-23-85, Cl. 364-475.000.

Houser, Stan. Water purification system. 4,561,976, 12-31-85, Cl. 210-290.000.

Houser, Steven A.: *See—*

Armstrong, Maclay M.; Rogers, John R.; and Houser, Steven A., 4,553,932, Cl. 433-4.000.

Armstrong, Maclay M.; and Houser, Steven A., 4,553,933, Cl. 433-5.000.

Armstrong, Maclay M.; and Houser, Steven A., 4,553,934, Cl. 433-5.000.

Housman, Robert J. Wear resistant composite insert and boring tool with insert. 4,531,595, 7-30-85, Cl. 175-329.000.

Houssian, Vazgen J.: *See—*

Dowzall, Martin E.; and Houssian, Vazgen J., 4,513,511, Cl. 33-447.000.

Dowzall, Martin E.; and Houssian, Vazgen J., 4,539,759, Cl. 33-184.500.

Houston, Douglas E.: *See—*

Anthony, Thomas R.; Houston, Douglas E.; and Loughran, James A., 4,527,183, Cl. 357-30.000.

Houston, John M., to General Electric Company. High power cesium lamp system for laser pumping. 4,506,369, 3-19-85, Cl. 372-72.000.

Houston, John M., to General Electric Company. Apparatus for maintaining electronic equipment and the like at low temperatures in hot ambient environments. 4,559,790, 12-24-85, Cl. 62-259.300.

Houston, Reagan. Furnace. 4,552,305, 11-12-85, Cl. 237-69.000.

Houston, Richard N.: *See—*

Read, Reginald A.; and Houston, Richard N., 4,518,939, Cl. 335-262.000.

Houston, Theodore W.; Tasch, Al F., Jr.; Darley, Henry M.; and Fu, Horng S., to Texas Instruments Incorporated. Self-aligned gate method for making MESFET semiconductor. 4,553,316, 11-19-85, Cl. 29-571.000.

Houston, Timothy L.: *See—*

Serban, Alexander; Watson, Keith G.; Bird, Graham J.; Farquharson, Graeme J.; and Houston, Timothy L., 4,555,263, Cl. 71-98.000.

Houthoff, Jacobus; and Sips, Johannes J., to U.S. Philips Corporation. Junction field effect transistor having a substantially quadratic characteristic. 4,498,094, 2-5-85, Cl. 357-22.000.

Houvig, Felix J.; and Rowlands, Ronald H., to Honeywell Inc. Communication system and method. 4,520,488, 5-28-85, Cl. 375-5.000.

Houze, Eric C.; and Vasta, Joseph A., to Du Pont de Nemours, E. I., and Company. Acrylic polyurethane coating composition. 4,503,175, 3-5-85, Cl. 524-39.000.

Houze, Eric C.: *See—*

Bednarek, Milan B.; and Houze, Eric C., 4,555,535, Cl. 524-40.000.

Hovan, Edward J., to United Technologies Corporation. Clearance control in turbine seals. 4,541,775, 9-17-85, Cl. 415-180.000.

Hovan, Edward J.; and Zimonis, Joseph P., to United Technologies Corporation. Air cooler for providing buffer air to a bearing compartment. 4,542,623, 9-24-85, Cl. 60-226.100.

Hovan, Edward J., to United Technologies Corporation. Bearing compartment for a gas turbine engine. 4,561,246, 12-31-85, Cl. 60-226.100.

Hovan, Francis E.: *See—*

Canning, Terry D.; and Hovan, Francis E., 4,519,667, Cl. 339-186.00M.

Hovde, Oskar. Wall boardings. 4,557,096, 12-10-85, Cl. 52-595.000.

Hovekamp, John C., to Graphic Enterprises of Ohio, Inc. Coating device for plates. 4,530,306, 7-23-85, Cl. 118-669.000.

Hovens, Paulus J. M., to U.S. Philips Corporation. Television receiver comprising a video signal detector of a type which detects with the aid of a reference signal. 4,527,196, 7-2-85, Cl. 358-158.000.

Hoverson, William D. Method and apparatus for making a Roman shade. 4,542,602, 9-24-85, Cl. 38-102.100.

Hovey, Dean A.; Grundstrom, Douglas R.; and Yurchenco, James R., to Trace Systems, Inc. Input device featuring both trackball and mouse capability. 4,562,347, 12-31-85, Cl. 250-221.000.

Hovey, Elmer L. Sighting device. 4,530,163, 7-23-85, Cl. 33-265.000.

Hovey, Frederick A.: *See—*

Collins, Floyd K.; Hovey, Frederick A.; and Maninger, Loren L., 4,546,287, Cl. 313-414.000.

Hovey, Gordon E. Push-pull de-tiering system. 4,526,504, 7-2-85, Cl. 414-661.000.

Hovland, Lyle W.; and Klingensmith, James D., to Aluminum Company of America. Dish antennae mounting structure. 4,510,502, 4-9-85, Cl. 343-880.000.

Hovorka, Reiner; and Riedhammer, Josef, to Hermann Hemscheidt Maschinenfabrik GmbH & Co. Axial piston machine having a sealed bearing box. 4,520,712, 6-4-85, Cl. 91-505.000.

How, Thien V., to Ethicon, Inc.; and University of Liverpool, The. Synthetic vascular grafts, and methods of manufacturing such grafts. 4,552,707, 11-12-85, Cl. 264-24.000.

Howa Kogyo Kabushiki Kaisha: *See—*

Kogiso, Takashi; Kishi, Katsutoshi; and Yokoyama, Hachirou, 4,551,969, Cl. 57-264.000.

Miyachi, Chihiro, 4,532,692, Cl. 29-568.000.

Howaldtswerke-Deutsche Werft Aktiengesellschaft Hamburg und Kiel: *See—*

Knigge, Rolf; and Albien, Wolfgang, 4,493,857, Cl. 427-96.000.

Howard A. Fromson: *See—*

Fromson, Howard A.; and Gracia, Robert F., 4,507,349, Cl. 428-195.000.

Howard, Alan N. Cereal snackfoods and compositions and methods for making the same. 4,526,800, 7-2-85, Cl. 426-559.000.

Howard, Albert R.: *See—*

Roberts, Thomas P.; Howard, Albert R.; and Hutchison, James B., 4,496,801, Cl. 179-175.30R.

Howard, Billy D.: *See—*

Cabus, Marcello M.; Howard, Billy D.; Colt, James W.; and Tuft, Edward S., 4,534,118, Cl. 34-34.000.

Howard, Colin R.: *See—*

Skelly, Jacinta; Howard, Colin R.; and Zuckerman, Arie J., 4,554,157, Cl. 424-89.000.

Howard, David M.: *See—*

Fourcin, Adrian J.; Howard, David M.; and Walliker, John R., 4,510,936, Cl. 128-419.00R.

Howard, Dean D.; and Cross, David C., to United States of America, Navy. Low sidelobe, high efficiency mirror antenna with twist reflector. 4,504,835, 3-12-85, Cl. 343-755.000.

Howard, Dennis D.: *See—*

Ernst, Bruce H.; Howard, Dennis D.; and Gismondi, Thomas E., 4,513,112, Cl. 524-590.000.

Howard, Derik: *See—*

Le Blanc Smith, Guy; and Howard, Derik, 4,495,804, Cl. 73-152.000.

Smith, Guy L. B.; Howard, Derik; and Goedhals, Anton B., 4,494,106, Cl. 340-58.000.

Howard, Donald K.; Finan, Michael A.; and Lees, Michael J., to Ciba-Geigy Corporation. Particulate calcium carbonate. 4,559,214, 12-17-85, Cl. 423-430.000.

Howard, Durrell U. Remotely adjustable steering compensator. 4,534,577, 8-13-85, Cl. 280-90.000.

Howard, Frank H.: *See—*

Riew, Changkiu K.; and Howard, Frank H., 4,496,692, Cl. 525-112.000.

Howard, Fred; Edson, Sydney; Merl, Milton J.; and Di Marchi, Silvio J., to Marlboro Marketing, Inc. Data information display device. 4,531,311, 7-30-85, Cl. 40-10.00R.

Howard, Fred, to Consolidated Foods Corporation. Product display rack. 4,531,646, 7-30-85, Cl. 211-150.000.

Howard, Frederick S.: *See—*

Meyer, Raymond A.; Howard, Frederick S.; and Brugger, John E., 4,507,762, Cl. 367-137.000.

Howard, Glenn. Densification - pelletizing of organic materials. 4,511,321, 4-16-85, Cl. 425-331.000.

Howard, Guy D.; and Bosso, Alexander, to Combustion Engineering, Inc. Combined primary and spare submerged scraper conveyor arrangement. 4,545,305, 10-8-85, Cl. 110-165.00R.

Howard, H. Keith; and Sherrill, Jimmy L., to Tutco, Inc. Coil support insulator for an electric heater. 4,559,412, 12-17-85, Cl. 174-138.00J.

Howard, H. Taylor, to Chaparral Communications, Inc. Polarized signal receiver system. 4,544,900, 10-1-85, Cl. 333-21.00A.

Howard, James W.; and Abel, Irving R., to Honeywell Inc. Optical detection system having a detector lens comprising a rear landscape lens. 4,507,551, 3-26-85, Cl. 250-216.000.

Howard, James W.; and Reilly, David M., to Honeywell Inc. Multi-element spectral filter with curved interior surfaces. 4,554,447, 11-19-85, Cl. 250-216.000.

Howard, John R.; and Machacek, Bob, to Wilson Sporting Goods Co. Ball glove with flexible web. 4,541,126, 9-17-85, Cl. 2-19.000.

Howard, John R.: *See—*
Lammert, James E.; Nichols, Charles E.; and Howard, John R., 4,538,318, Cl. 15-171.000.

Howard, Kenneth G.; and Little, Ian E., to Standard Telephones and Cables plc. Optical fibre pulling tower. 4,555,257, 11-26-85, Cl. 65-13.000.

Howard, L. Brewster, to American Saw & Mfg. Company. Method and apparatus for operating a band saw. 4,546,682, 10-15-85, Cl. 83-13.000.

Howard, Lawrence V.: *See—*
Armstrong, Alan S.; Herrmann, John E.; and Howard, Lawrence V., 4,497,899, Cl. 436-510.000.

Howard, Leroy C.: *See—*
Boyce, William C.; Wittekind, Warren D.; Howard, Leroy C.; Hall, Thomas E.; and Lechelt, Wayne M., 4,510,573, Cl. 364-498.000.

Howard, Leslie M.: *See—*
Hollaender, Robert P., II; Howard, Leslie M.; and Hund, Ernest A., 4,540,307, Cl. 403-190.000.

Howard, Lowell C.; and Peterson, Charles K. Data recording system for cameras. 4,497,552, 2-5-85, Cl. 354-106.000.

Howard Machinery Public Limited Company: *See—*
Linger, Barry A., 4,548,276, Cl. 172-166.000.

Howard, P. Guy; and Hekker, Roeland M. T., to Optical Storage International. Friction wedge alignment system for laser diode collimator pens. 4,541,689, 9-17-85, Cl. 350-255.000.

Howard, Philip: *See—*
Gane, Brian R.; and Howard, Philip, 4,520,118, Cl. 502-53.000.

Howard, Philip H., to International Cube Corporation. Low tack microsphere glue. 4,495,318, 1-22-85, Cl. 524-375.000.

Howard, Richard E.; Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., to AT&T Bell Laboratories. Single-mode single-polarization optical fiber. 4,515,436, 5-7-85, Cl. 350-96.330.

Howard, Richard E.: *See—*
Damen, Theodoor C.; Duguay, Michael A.; Howard, Richard E.; Jackel, Lawrence D.; and Skocpol, William J., 4,550,249, Cl. 250-201.000.

Howard, Robert. Card shuffler having a random ejector. 4,515,367, 5-7-85, Cl. 273-149.00R.

Howard, Robert, to Daventry Pty. Ltd. Display screens and the like. 4,520,584, 6-4-85, Cl. 40-606.000.

Howard, Robert; and Knoll, Jerry. Cash drop box having a plurality of compartments. 4,548,353, 10-22-85, Cl. 232-4.00R.

Howard, Robert G., Sr. Oil well casing scraper. 4,558,738, 12-17-85, Cl. 166-173.000.

Howard, Robin G., to Denny Bros. Printing. Adhesive labels. 4,534,582, 8-13-85, Cl. 283-81.000.

Howard, Roland M., Jr., to Koomey Blowout Preventers, Inc. Ram type blowout preventers. 4,523,639, 6-18-85, Cl. 166-55.000.

Howard, Roland M., Jr.: *See—*
Jones, Marvin R.; and Howard, Roland M., Jr., 4,519,571, Cl. 251-1.00A.

Howard, Ronald A.; and Sirocky, Paul S., to Union Carbide Corporation. Process of making electrochemical electrodes and electrodes made thereby. 4,529,672, 7-16-85, Cl. 429-42.000.

Howard, Ross K.: *See—*
Wolfe, Lewis E.; and Howard, Ross K., 4,531,299, Cl. 33-366.000.

Howard, Timothy L.: *See—*
Smith, Lawther O.; Howard, Timothy L.; and Kautz, Franz A., 4,548,389, Cl. 267-64.110.

Howard, Webster E., Jr., to International Business Machines Corporation. Resistive mesh structure for electroluminescent cell. 4,518,891, 5-21-85, Cl. 313-398.000.

Howard, William J. Magazine loader and cartridge clip useful therewith. 4,538,371, 9-3-85, Cl. 42-87.000.

Howarth, Ian M.: *See—*
Bradley, Geoffrey; Hoarty, John T.; and Howarth, Ian M., 4,524,163, Cl. 524-5.000.

Howarth, James, to International Computers Limited. Checking sequential logic circuits. 4,556,976, 12-3-85, Cl. 371-25.000.

Howarth, Robert F., to United States of America, Navy. Data validation monitor. 4,499,584, 2-12-85, Cl. 375-58.000.

Howarth, Thomas T.: *See—*
Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,525,352, Cl. 424-114.000.
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Colle, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,556,559, Cl. 424-114.000.
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Pomsford, Roger J.; and Howarth, Thomas T., 4,548,815, Cl. 424-114.000.

Howat, Robert J.: *See—*
Shannon, Michael A.; and Howat, Robert J., 4,514,435, Cl. 427-8.000.

Howatt, John R.: *See—*
Sharp, Harper E.; Spiegel, Leo; Masters, Richard M.; Frey, Elmer J.; Howatt, John R.; and Walker, Gary E., 4,537,067, Cl. 73-151.000.

Howden, Ashley G.: *See—*
Jomes, Lawrence T.; Lee, R. Stephen; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,527,688, Cl. 206-315.100.
Jomes, Lawrence T.; Lee, Robert S.; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,534,745, Cl. 446-398.000.

Howe, Arthur T., to Standard Oil Company (Indiana). Multilayer photoelectrodes and photovoltaic cells. 4,492,743, 1-8-85, Cl. 429-111.000.

Howe, Arthur T., to Standard Oil Company (Indiana). Multilayer photoelectrodes utilizing exotic materials. 4,521,800, 6-4-85, Cl. 357-67.000.

Howe, Arthur T., to Standard Oil Company (Indiana). Method of making multilayer photoelectrodes and photovoltaic cells. 4,534,099, 8-13-85, Cl. 29-572.000.

Howe, Clarice M.; and Mack, Audrey, to Singer Company, The. Foot levelling sewing aid and method of use. 4,509,444, 4-9-85, Cl. 112-262.100.

Howe, Dennis G.; and Barnard, James A., to Eastman Kodak Company. Optical disc write/read employing passive focus maintenance. 4,530,082, 7-16-85, Cl. 369-112.000.

Howe, Dennis G.: *See—*
Gupta, Mool C.; Wrobel, Joseph J.; and Howe, Dennis G., 4,538,159, Cl. 346-135.100.
Marchant, Alan B.; and Howe, Dennis G., 4,539,573, Cl. 346-137.000.

Howe, Dennis L.: *See—*
Lowenhaupt, E. Harris; Litz, John E.; and Howe, Dennis L., 4,541,994, Cl. 423-150.000.
Lowenhaupt, E. Harris; Litz, John E.; and Howe, Dennis L., 4,548,794, Cl. 423-123.000.

Howe., Gary L.: *See—*
Bennett, James W.; Howe, Gary L.; Jaakola, Kenneth A.; and Koutavas, Samuel G., 4,506,138, Cl. 219-205.000.

Howe., Herbert E.: *See—*
Di Martini, Carl R.; Howe, Herbert E.; Scott, William L.; and Bulvanoski, Leo J., 4,521,247, Cl. 75-77.000.

Howe., Michael W.; and Sopp, Samuel W., to Calgon Corporation. Barium or chromium additives to magnesium oxide coating slurry. 4,512,823, 4-23-85, Cl. 148-113.000.

Howe., Paul E.: *See—*
Vasconcellos, Stephen R.; Yaghmaie, Farrokh; and Howe, Paul E., 4,525,280, Cl. 210-728.000.

Howell, Bobby A.; and Walles, Erik W. Macromolecular complexes of amidocarbonylic water-soluble polymers and square platinous and equivalent organometallics. 4,551,502, 11-5-85, Cl. 525-326.900.

Howell, Carmen. Electrical lift for trailers. 4,522,375, 6-11-85, Cl. 254-425.000.

Howell, Cecil A.: *See—*
Fogg, James L.; Vining, George E.; Smith, John H.; and Howell, Cecil A., 4,522,276, Cl. 177-145.000.

Howell, Dan M.: *See—*
Rush, Beth; Howell, Dan M.; and Kolpek, Robert A., 4,495,490, Cl. 340-709.000.

Howell, Danny T.: *See—*
Howell, William T., Jr.; Howell, John T.; and Howell, Danny T., 4,521,036, Cl. 285-61.000.

Howell, Donald J., to Sponco Mfg., Inc. Control mechanism for aerial ladders. 4,512,439, 4-23-85, Cl. 182-66.000.

Howell, Edward B., to Design Professionals Financial Corporation. Vibration transducer with dual opposed magnetic assemblies and counterbalanced mass. 4,517,514, 5-14-85, Cl. 324-207.000.

Howell, Edward H.: *See—*
Musick, Donald R.; and Howell, Edward H., 4,517,929, Cl. 123-41.100.

Howell, Frederick H., to Ciba-Geigy AG. Hydroquinone ether compounds. 4,549,015, 10-22-85, Cl. 544-87.000.

Howell, Frederick H., to Ciba-Geigy Corporation. Aminoalkyl aromatic compounds and their production. 4,554,379, 11-19-85, Cl. 564-374.000.

Howell, George B., III. Vase locking device. 4,522,366, 6-11-85, Cl. 248-551.000.

Howell, John L.: *See—*
Chang, Melvin C.; and Howell, John L., 4,522,649, Cl. 75-41.000.

Howell, John T.: *See—*
Howell, William T., Jr.; Howell, John T.; and Howell, Danny T., 4,521,036, Cl. 285-61.000.

Howell, Paul J.; and Curner, Gregory B., to Fairchild Camera & Instrument Corporation. Wafer fabrication by implanting through protective layer. 4,498,227, 2-12-85, Cl. 29-576.00B.

Howell, Ronald P.: *See—*
Heaton, William C., 4,555,903, Cl. 60-595.000.

Howell, S. Garry: *See—*
- Howell, Samuel G.; and Birchall, William R., 4,497,782, Cl. 423-184.000.

Howell, Samuel G.; and Birchall, William R., to Howell, S. Garry; Watson, Lloyd; Birchall, William R.; and Allen, Larry. Method for destroying toxic organic chemical products. 4,497,782, 2-5-85, Cl. 423-184.000.

Howell, Stephen L.: *See—*
- Weil, Robert A., Jr.; and Howell, Stephen L., 4,520,707, Cl. 84-1.030.

Howell, Steven E.: *See—*
- Goetz, Fred E. Harris, Jim C.; and Howell, Steven E., 4,561,620, Cl. 248-371.000.

Howell, Thomas H.: *See—*
- Circello, Joseph C.; Howell, Thomas H.; and Edgington, Gregory C., 4,506,340, Cl. 364-746.000.

Howell, W. Max, to United States of America, Army. SSICM guidance and control concept. 4,542,870, 9-24-85, Cl. 244-3.150.

Howell, W. Max: *See—*
- Crawford, James I.; and Howell, W. Max, 4,560,120, Cl. 244-3.220.

Howell, William T., Jr.; Howell, John T.; and Howell, Danny T. Sprinkler head support. 4,521,036, 6-4-85, Cl. 285-61.000.

Howells, Anthony P. S.; Dienglewicz, Anthony M.; Viswanathan, Raman; and Angehrn, Jorg A., to Dresser Industries, Inc. Depth dependent multiple logging system. 4,556,884, 12-3-85, Cl. 340-860.000.

Howells, Richard D., to Minnesota Mining and Manufacturing Company. Fluoroaliphaticsulfonamides containing oxirane groups and/or N-β-hydroxyalkylene groups. 4,533,713, 8-6-85, Cl. 528-26.000.

Howells, Richard D.: *See—*
- Chang, John C.; and Howells, Richard D., 4,540,497, Cl. 252-8.800.
- Lynn, Michael M.; and Howells, Richard D., 4,525,423, Cl. 428-421.000.
- Siedle, Allen R.; and Howells, Richard D., 4,556,720, Cl. 556-22.000.

Hower, Larry: *See—*
- Runyon, Wayne; and Hower, Larry, 4,550,728, Cl. 128-303.180.

Hower, Larry H., to Hart Group, The. Electronic stethoscope with automatic power shut-off. 4,534,058, 8-6-85, Cl. 381-67.000.

Hower, Philip L.; and Li, Eric K., to Unitrode Corporation. Method for reducing leakage currents in semiconductor devices. 4,551,353, 11-5-85, Cl. 427-39.000.

Howerton, Anderson W., to Dayco Corporation. Belt construction and method of making the same. 4,533,040, 8-6-85, Cl. 198-847.000.

Howerton, Anderson W.; and Lewis, James A., to Dayco Corporation. Snow track belt for motorcycle. 4,534,437, 8-13-85, Cl. 180-185.000.

Howerton, Anderson W., to Dayco Corporation. Belt construction, transverse belt element therefor and method of making the same. 4,552,550, 11-12-85, Cl. 474-242.000.

Howerton, Anderson W.: *See—*
- Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.

Howes, James P.; and Richardson, James E., to J. P. Howes Productions. Display cooler. 4,505,132, 3-19-85, Cl. 62-457.000.

Howes, John G. B., to Smith and Nephew Associated Companies p.l.c. Method of cleaning soft contact lenses. 4,504,405, 3-12-85, Cl. 252-106.000.

Howes, Peter, to Lucas Industries Public Limited Company. Fuel injection pumps. 4,508,489, 4-2-85, Cl. 417-221.000.

Howes, Ronald B., Jr.: *See—*
- Warwick, Dennis J.; Nubson, Richard C.; and Howes, Ronald B., Jr., 4,519,600, Cl. 271-4.000.

Howes, Trevor D.: *See—*
- Sexton, John S.; Stone, Brian J.; Howes, Trevor D.; and Andrew, Colin, 4,549,372, Cl. 51-206.00R.

Howeth, D. Franklin. Air filter unit with multiple filter chambers and particulate material collection hoppers. 4,521,232, 6-4-85, Cl. 55-324.000.

Howeth, D. Franklin. Multiple jet backflushed air filter. 4,544,389, 10-1-85, Cl. 55-302.000.

Howeth, James R., to Rochester Gauges, Inc. Fluid level gauge having magnetic sensor. 4,554,494, 11-19-85, Cl. 318-482.000.

Howie, John K.; and Bullock, Steven S., to Procter & Gamble Company, The. Alpha-phosphono lauramide lubricant additives. 4,525,289, 6-25-85, Cl. 252-49.900.

Howie, Robert K., Jr., to Grigoleit Company, The. Knob with decorative end cap and method of manufacturing it. 4,510,666, 4-16-85, Cl. 29-511.000.

Howkins, Stuart D., to Exxon Research & Engineering Co. Method of operating an ink jet. 4,509,059, 4-2-85, Cl. 346-1.100.

Howkins, Stuart D., to Exxon Research & Engineering Co. Method for operating an ink jet apparatus. 4,523,200, 6-11-85, Cl. 346-1.100.

Howlett, Donald L.; Meyer, Herbert J.; and Zimmer, Stanley F., to Texaco Inc. Streamer cable multiplexing apparatus. 4,528,650, 7-9-85, Cl. 367-79.000.

Howlett, James J.; and Zagranski, Raymond D., to Chandler Evans Inc. Helicopter engine torque compensator. 4,493,465, 1-15-85, Cl. 244-17.130.

Howlett, James J.: *See—*
- Zagranski, Raymond D.; Howlett, James J.; and Lappos, Nicholas D., 4,500,966, Cl. 364-432.000.
- Zagranski, Raymond D.; and Howlett, James J., 4,531,361, Cl. 60-39.161.

Howlett, Robert J., to Container Corporation of America. Tubular paperboard display stand. 4,519,319, 5-28-85, Cl. 108-111.000.

Howlett, Stephen P.: *See—*
- Taylor, Derek; Howlett, Stephen P.; Farr, Howard J.; and Tickle, Barbara L., 4,495,302, Cl. 501-125.000.

Howlett, Thomas J.: *See—*
- Furze, Victor J.; and Howlett, Thomas J., 4,497,482, Cl. 271-94.000.

Howling, Richard J.: *See—*
- Hunt, William V.; Coletta, John A.; Howling, Richard J.; and Higgs, Leonard, 4,525,885, Cl. 5-453.000.

Howmedica, Inc.: *See—*
- Ainpour, Parviz R., 4,526,579, Cl. 604-265.000.
- Johns, Owen L., 4,513,739, Cl. 128-156.000.
- Kenna, Robert V., 4,528,980, Cl. 128-92.0EB.
- Kenna, Robert V., 4,552,136, Cl. 128-92.00E.
- Mouradian, William H., 4,503,847, Cl. 128-92.0BC.

Howmedica International, Inc.: *See—*
- Grosse, Arsene; Harder, Hans E.; and Klietz, Jurgen, 4,541,424, Cl. 128-92.0EB.

Howmet Turbine Components Corporation: *See—*
- Smickley, Robert J.; and Dardi, Louis E., 4,505,764, Cl. 148-133.000.

Howorth Air Engineering Limited: *See—*
- Howorth, Frederick H., 4,531,956, Cl. 55-279.000.

Howorth, Frederick H., to Howorth Air Engineering Limited. Sterile air trolley. 4,531,956, 7-30-85, Cl. 55-279.000.

Hoxan Corporation: *See—*
- Fujioka, Koji, 4,549,816, Cl. 374-27.000.
- Hide, Ichiro, 4,544,343, Cl. 425-224.000.
- Hide, Ichiro, 4,553,919, Cl. 425-90.000.
- Kuraoka, Yasuo; and Sakao, Nobuo, 4,494,385, Cl. 62-306.000.
- Kuraoka, Yasuo, 4,531,958, Cl. 62-22.000.
- Kuraoka, Yasuo; and Sakao, Nobuo, 4,539,824, Cl. 62-380.000.
- Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, 4,519,764, Cl. 425-256.000.
- Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, 4,561,486, Cl. 164-118.000.

Hoy, Kenneth L.: *See—*
- Dehm, David C.; Hoy, Kenneth L.; and Hoy, Richard C., 4,496,708, Cl. 528-76.000.

Hoy, Paul E. Adjustable diving platform. 4,495,883, 1-29-85, Cl. 114-343.000.

Hoy, Richard C.: *See—*
- Dehm, David C.; Hoy, Kenneth L.; and Hoy, Richard C., 4,496,708, Cl. 528-76.000.

Hoy, Walter S.; and Roettele, Donald L. Skylight assembly. 4,549,379, 10-29-85, Cl. 52-200.000.

Hoya Corporation: *See—*
- Horiuchi, Shigenori; and Shinohara, Takeru, 4,549,789, Cl. 350-358.000.
- Izumitani, Tetsuro; Takajoh, Toshi; and Kinjo, Iwao, 4,549,895, Cl. 65-134.000.
- Nakajima, Sadahiro; Kanamori, Chiemi; and Toratani, Hisayoshi, 4,547,402, Cl. 427-169.000.
- Ohmi, Shigeaki; Shingaki, Seiichi; Sakai, Hiroyuki; and Asahara, Yoshiyuki, 4,525,189, Cl. 65-3.150.
- Sagara, Hiroji, 4,562,162, Cl. 501-60.000.
- Yamashita, Toshiharu, 4,521,524, Cl. 501-64.000.
- Yoshida, Masahiro; and Nakagawa, Kenji, 4,560,666, Cl. 501-5.000.

Hoya Electronics Co., Ltd.: *See—*
- Nagarekawa, Osamu; and Matsui, Shigekazu, 4,530,891, Cl. 430-5.000.

Hoya Lens Corporation: *See—*
- Akaba, Hayao; Yamada, Takeshi; and Jinbo, Masahiro, 4,537,480, Cl. 351-235.000.
- Kawamura, Kazunori; Yamashita, Shinichi; Yokoyama, Yuichi; and Tsuchiya, Makoto, 4,540,761, Cl. 526-245.000.
- Tarumi, Niro; Okubo, Yoichi; and Yoshimoto, Seiichi, 4,528,351, Cl. 526-314.000.

Hoydic, Roberta L. Salad bowl. 4,520,633, 6-4-85, Cl. 62-457.000.

Hoyer, Ernst; Kohlhaas, Folker; and Meininger, Fritz, to Hoechst Aktiengesellschaft. Water-soluble azo compounds, a process for their preparation and their use as dyes. 4,492,654, 1-8-85, Cl. 534-827.000.

Hoyer, Francis L. E., to Societe Anonyme des Usines Chausson. Method for brazing heat exchanger cores by blowing hot gases. 4,501,387, 2-26-85, Cl. 228-183.000.

Hoyer, Gale G.: *See—*
- Inoue, Kimio; Hoyer, Gale G.; and Bates, Stanley I., 4,514,574, Cl. 564-424.000.
- Sumner, William C., Jr.; Hoyer, Gale G.; and Kozak, William G., 4,505,885, Cl. 423-592.000.

Hoyer, Otto; Antensteiner, Norbert; and Fortner, Walter, to Voest-Alpine Aktiengesellschaft. Method for the hot repair of the protective layer provided on the permanent lining of a tundish of a continuous casting plant. 4,506,425, 3-26-85, Cl. 29-402.180.

Hoyland, Trevor B., to Thurne Engineering Company Limited. Machine for closing filled bags. 4,534,149, 8-13-85, Cl. 53-76.000.

Hoyland, Trevor B., to Thurne Engineering Company Limited. Bag tying machine. 4,537,005, 8-27-85, Cl. 53-131.000.

Hoyle, Charles E.: *See—*
- Lenox, Ronald S.; Schwartz, Anne L.; and Hoyle, Charles E., 4,556,625, Cl. 430-145.000.

Hoyle, James E. Lap desk. 4,537,646, 8-27-85, Cl. 156-212.000.

Hoyme, Clifford L. Positive opening damper for combustion appliance. 4,538,980, 9-3-85, Cl. 431-20.000.

- Hoyne, Donald B.: *See—*
  - Smith, Robert P.; Gillespie, William S.; Inglis, Hal L.; and Hoyne, Donald B., 4,547,645, Cl. 219-10.670.
- Hoyois, Jean-Claude: *See—*
  - Toussaint, Francois, and Hoyois, Jean-Claude, 4,505,538, Cl. 350-357.000.
- Hoyss, Franz: *See—*
  - Rupprecht, Hans; and Hoyss, Franz, 4,540,149, Cl. 248-669.000.
- Hoyt, Charles D.: *See—*
  - Horst, Paul V., Sr.; and Hoyt, Charles D., 4,518,847, Cl. 219-365.000.
- Hoyt/Easton Archery Co.: *See—*
  - Quartino, Miguel A., 4,494,521, Cl. 124-24.00R.
  - Quartino, Miguel A., 4,542,731, Cl. 124-24.00R.
- Hoyt, Franklin S.: *See—*
  - Fyfe, Donald W.; and Hoyt, Franklin S., 4,527,618, Cl. 165-18.000.
- Hoyt, Harold C., Jr.; Martinez, Danilo C.; and Philipak, Stanley M., to Big Four Manufacturing Company, Inc. Electric arc welder that provides non-sticking arc initiation and thereafter maintains the arc. 4,523,077, 6-11-85, Cl. 219-137.0PS.
- Hoyt, John G. Spinnaker pole control. 4,501,217, 2-26-85, Cl. 114-102.000.
- Hoyt Manufacturing Corporation: *See—*
  - Manzone, Richard R., 4,497,690, Cl. 202-181.000.
- Hoyt, Robert. Flashlight. 4,528,621, 7-9-85, Cl. 362-189.000.
- Hoyt, Robert M.; Bobbitt, Donald E.; Bartee, Gary E.; Garton, Stanley C.; and Pilliard, J. Paul, to A. B. Chance Company. Method and apparatus for anchoring retaining walls and the like, and installation therefor. 4,499,698, 2-19-85, Cl. 52-157.000.
- Hoyt, Robert M.; Dziedzic, Edward; and Rinehart, William M., to A. B. Chance Company. Tower-foundation anchor interconnection. 4,561,231, 12-31-85, Cl. 52-297.000.
- Hoyt, Wilber S. Energy conservation system for heating and cooling of structures. 4,517,809, 5-21-85, Cl. 62-183.000.
- Hozumi, Kazuhiro; and Tamaki, Shigeo, to Kuroda Seiko Company Limited. Electromagnetic valve. 4,534,381, 8-13-85, Cl. 137-625.650.
- Hozumi, Kazuhiro: *See—*
  - Tsuchiya, Tatsuo; and Hozumi, Kazuhiro, 4,500,075, Cl. 267-8.00R.
- Hozumi, Kazuo: *See—*
  - Tamura, Jun; Matsui, Takahiro; and Hozumi, Kazuo, 4,501,557, Cl. 433-79.000.
- Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, to Takeda Chemical Industries, Ltd. Certain heterocyclic ammonio phosphate derivatives. 4,542,219, 9-17-85, Cl. 546-22.000.
- Hozumi, Motoo; Tsushima, Susumu; and Yoshioka, Yoshio, to Takeda Chemical Industries, Ltd. Tridecyloxy- or tetradecyloxy-propane derivatives. 4,544,512, 10-1-85, Cl. 260-925.000.
- Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, to Takeda Chemical Industries, Ltd. Ethylene glycol derivatives having anti-protozoan, anti-fungal and anti-tumor activity. 4,551,532, 11-5-85, Cl. 546-22.000.
- HR Textron Inc.: *See—*
  - Hsu, William W.; and Runkel, Manfred A., 4,518,004, Cl. 137-116.000.
  - Runkel, Manfred A.; Hsu, William W.; Singer, Anthony E.; and Zlotski, William J., 4,526,058, Cl. 74-531.000.
  - Scott, Richard D., 4,526,189, Cl. 137-68.00A.
  - Scott, Richard D., 4,542,761, Cl. 137-68.00A.
- Hrachovcova, Maria: *See—*
  - Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.
- Hradek, Jaroslav: *See—*
  - Valasek, Miloslav; Langer, Frantisek; Hradek, Jaroslav; and Seeman, Jindrich, 4,517,457, Cl. 250-239.000.
- Hradek, Richard W., to Litton Systems, Inc. Variable area molecular sieve container having a thermal control system. 4,496,376, 1-29-85, Cl. 55-163.000.
- HRB-Singer, Inc.: *See—*
  - Cornett, Frank N., 4,554,509, Cl. 329-105.000.
- Hrdina, Jan: *See—*
  - Stejskal, Alois; Havranek, Zdenek; Stepanek, Miroslac; Hrdina, Jan; Cada, Frantisek; Borovcova, Zelmira; and Slingr, Jaroslav, 4,527,384, Cl. 57-404.000.
- Hrdina, Zdenek: *See—*
  - Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.
- Hrdlicka, Jan: *See—*
  - Rohlicek, Vojtech; Hruby, Jaroslav; Nohavica, Dusan; Hrdlicka, Jan; Vykouk, Vlastimil; and Kubec, Frantisek, 4,535,784, Cl. 128-735.000.
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  - Minchev, Pavel M.; Hristov, Hristomir D.; Balinov, Stoimen S.; Angelov, Mihail H.; and Yordanov, Nikolay V., 4,523,708, Cl. 228-37.000.
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- Jerge, Charles R.; Frankel, Bruce; and Zoll, Karl, 4,541,992, Cl. 422-300.000.

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- Muse, Ralph F., 4,503,567, Cl. 2-237.000.

Hubbard, David W., to Pitney Bowes Inc. Hand held electronic postage meter having secure postage meter doors. 4,506,344, 3-19-85, Cl. 364-900.000.

Hubbard, David W.: *See—*
- Sachleben, Harold G.; Hubbard, David W.; Botset, Richard A.; and Hardage, Thomas B., 4,541,576, Cl. 242-18.0PW.

Hubbard, E. Daniel: *See—*
- Harvey, Richard D.; Hubbard, E. Daniel; and Meintrup, Robert A., 4,554,021, Cl. 106-213.000.
- Kightlinger, Adrian P.; and Hubbard, E. Daniel, 4,558,100, Cl. 525-329.100.

Hubbard, Edward D., to Grain Processing Corporation. Method for preparing aluminum and polyhydric alcohol modified liquid absorbing composition. 4,558,091, 12-10-85, Cl. 524-734.000.

Hubbard, George M., to M/A-COM Omni Spectra, Inc. Hermetically sealed connector. 4,556,271, 12-3-85, Cl. 339-94.00C.

Hubbard, George R. Universal plumbing pipe locator and support. 4,550,45[illegible], 11-5-85, Cl. 4-192.000.

Hubbard, James R.; Pelensky, Joseph; and Kin, Niles, to Graphic Controls Corporation. Catheter patency flush flow controller. 4,497,468, 2-5-85, Cl. 251-117.000.

Hubbard, Karl E., to Dennison Manufacturing Company. Discoloration resistant heat transfer labeling. 4,529,624, 7-16-85, Cl. 427-148.000.

Hubbard, Kenneth G., to Cross Company, The. Induction heating device with electronic positioning control. 4,542,272, 9-17-85, Cl. 219-10.570.

Hubbard, Vance M.; and Brunson, Welton K., to Tecnol, Inc. Closure member for small ice packs. 4,523,353, 6-18-85, Cl. 24-30.50R.

Hubbell, Leslie A. Safety cap for fence posts. 4,520,231, 5-28-85, Cl. 174-158.00F.

Hubbert, Gordon F., to Gladd Industries, Inc. Bake oven with manifold. 4,493,641, 1-15-85, Cl. 432-120.000.

Hubble, Fred F., III; and Martin, James P., to Xerox Corporation. Infrared reflectance densitometer. 4,553,033, 11-12-85, Cl. 250-353.000.

Hube, Lawrence D. Multi-level board game. 4,534,565, 8-13-85, Cl. 273-241.000.

Hubeau, Jean-Pierre, to Finamex Finance Corporation. Apparatus for determining the blood group of an individual. 4,503,011, 3-5-85, Cl. 422-73.000.

Hubel, Egon, to Schering Aktiengesellschaft. Device for the fine adjustment of the output voltage of multi-phase regulating transformers. 4,540,934, 9-10-85, Cl. 323-341.000.

Hubel, Werner: *See—*
- Disteldorf, Josef; zur Hausen, Manfred; Hubel, Werner; and Kriebel, Gunter, 4,526,971, Cl. 546-186.000.
- Disteldorf, Josef; Hubel, Werner; and Reiffer, Johannes, 4,549,991, Cl. 260-453.0PH.

Hubele, Adolf; and Riebli, Peter, to Ciba-Geigy Corporation. Organotin compounds and pesticidal compositions. 4,546,109, 10-8-85, Cl. 514-493.000.

Hubele, Adolf: *See—*
- Riebli, Peter; Fischer, Hanspeter; Thummel, Rudolph C.; and Hubele, Adolf, 4,508,731, Cl. 514-472.000.

Huben, Clayton A.: *See—*
- Morgan, Walter R.; Boniface, Edmund A.; and Huben, Clayton A., 4,509,325, Cl. 60-39.141.

Huber, Bernd: *See—*
- Fester, Walter; Huber, Bernd; and Wappes, Lieselotte, 4,507,257, Cl. 264-78.000.
- Fester, Walter; and Huber, Bernd, 4,524,041, Cl. 264-182.000.
- Fester, Walter; and Huber, Bernd, 4,536,363, Cl. 264-182.000.
- Kalchschmied, Dietmar; Bonenberger, Hartmut; and Huber, Bernd, 4,498,696, Cl. 293-126.000.

Huber, Bernhard; Tamm, Rolf G. A.; Tomoff, Toma; and Gonner, Winfried, to Bodenseewerk Perkin-Elmer & Co., GmbH. Method and device for introducing a sample into a graphite tube. 4,548,497, 10-22-85, Cl. 356-312.000.

Huber, Franz R.; and Stark, Axel, to Rohde & Schwarz GmbH & Co. Multifrequency antenna matching apparatus with antomatic tuning. 4,521,913, 6-4-85, Cl. 455-121.000.

Huber, Gary D.: *See—*
  Schneider, Jack H.; and Huber, Gary D., 4,549,266, Cl. 364-426.000.

Huber, Gerhard; and Schindler, Peter, to Hoechst Aktiengesellschaft. Isolation of chemically unstable antibiotics from fermentation solutions. 4,529,545, 7-16-85, Cl. 260-245.20T.

Huber, Guntram; Fischer, Wolfgang; and Klie, Wolfgang, to Daimler-Benz Aktiengesellschaft. Bumper for an automotive vehicle. 4,542,925, 9-24-85, Cl. 293-120.000.

Huber, Guntram; Moller, Hermann; Faust, Eberhard; Andres, Rudolf; and Qullmalz, Wolfram, to Daimler-Benz Aktiengesellschaft. Installation for the supply of several similar elements with a medium under atmospheric excess pressure. 4,552,402, 11-12-85, Cl. 297-284.000.

Huber, Guntram. Installation for storing non-needed belt lock parts coordinated to a motor vehicle back seat. 4,560,203, 12-24-85, Cl. 297-481.000.

Huber, Gustave: *See—*
  Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, 4,515,804, Cl. 514-456.000.

Huber, Hans; and Vollkommer, Norbert, to Dynamit Nobel Aktiengesellschaft. Thermosetting adhesive and sealing compounds. 4,562,225, 12-31-85, Cl. 524-602.000.

Huber, Hans P.; and Weber, Jochen, to Licentia Patent-Verwaltungs-GmbH. Method of manufacturing a radiation receiver. 4,516,010, 5-7-85, Cl. 219-121.0LJ.

Huber, Heinz: *See—*
  Bauer, Kurt; Fischer, Karl-Heinz; and Huber, Heinz, 4,535,456, Cl. 371-16.000.

Huber, Iren: *See—*
  Szajani, Bela; Kiss, Janosne; Ivony, Jozsefne; Huber, Iren; Boros, Laszlo; and Daroczi, Ivan, 4,532,214, Cl. 435-228.000.

Huber Italia s.r.l.: *See—*
  Ruegg, Heinz, 4,548,059, Cl. 70-69.000.

Huber, Jakob; Pettenpaul, Ewald; and Petz, Felix, to Siemens Aktiengesellschaft. Chain amplifier. 4,528,518, 7-9-85, Cl. 330-277.000.

Huber, Joel E., to Upjohn Company, The. Process for preparation of 16 α-methyl corticoids from Δ^{16}-steroids. 4,530,795, 7-23-85, Cl. 260-397.400.

Huber, Johann; and Thanner, Otto, to Tyrolit Schleifmittelworke Swarovski K.G. Abrasive article. 4,500,325, 2-19-85, Cl. 51-298.000.

Huber, Johann; and Thanner, Otto. Method for grinding or cutting a workpiece. 4,538,384, 9-3-85, Cl. 51-322.000.

Huber, Johann: *See—*
  Goritz, Bernd; Huber, Johann; and Meinicke, Peter, 4,561,700, Cl. 303-36.000.

Huber, Josef: *See—*
  Burkhardt, Horst; Huber, Josef; and Vollmayr, Norbert, 4,503,493, Cl. 364-170.000.
  Feusi, Markus; Huber, Josef; Oswald, Heinz; and Pfyffer, Peter, 4,524,918, Cl. 242-18.00A.

Huber, Leonhard: *See—*
  Nagel, Erich; Huber, Leonhard; and Lammel, Gunter, 4,544,110, Cl. 242-67.10R.

Huber, Lothar, to Luk Lamellen und Kupplungsbau GmbH. Fluid-operated clutch disengaging apparatus. 4,526,258, 7-2-85, Cl. 192-88.00A.

Huber, Lothar, to Luk Lamellen und Kupplungsbau GmbH. Friction clutch. 4,556,133, 12-3-85, Cl. 192-70.160.

Huber, Louis E., Jr.; and Schwartz, Harry D., to Cabot Corporation. Tantalum-columbium-molybdenum-tungsten alloy. 4,526,749, 7-2-85, Cl. 420-427.000.

Huber, Marion: *See—*
  Kaspar, Klaus P.; Becker, Jurgen; and Huber, Marion, 4,514,091, Cl. 366-130.000.

Huber, Max, to Sulzer Brothers Limited. X-shaped packing layers and method of making. 4,497,752, 2-5-85, Cl. 261-95.000.

Huber, Paul G.: *See—*
  Beatty, Robert M.; Huber, Paul G.; and Miller, Edward B., 4,562,550, Cl. 364-492.000.

Huber, Paul W., to Dynabrade, Inc. Lip seal shroud. 4,531,329, 7-30-85, Cl. 51-273.000.

Huber, Peter; Stengl, Jens P.; and Tihanyi, Jeno, to Siemens Aktiengesellschaft. Method of fabricating light-controlled thyristor utilizing selective etching and ion-implantation. 4,497,109, 2-5-85, Cl. 29-578.000.

Huber, Peter: *See—*
  Thoni, Werner; Huber, Peter; and Hohenegger, Karl, 4,498,728, Cl. 350-1.700.

Huber, Philippe: *See—*
  Hausler, Michael; Huber, Philippe; Pfyl, Walter; and Sadek, Kadry, 4,555,658, Cl. 323-210.000.

Huber, Reinhold; and Koster, Waldemar, to Kober AG. Bridging arrangement for expansion joints in the carriageways of bridges or the like. 4,516,284, 5-14-85, Cl. 14-16.500.

Huber, Reinhold; and Koster, Waldemar, to Kober AG. Elastomeric sectional strip for expansion joints. 4,537,003, 8-27-85, Cl. 52-573.000.

Huber, Richard, to Klinger AG. Cock having a spherical plug. 4,502,663, 3-5-85, Cl. 251-174.000.

Huber, Richard; and Wirz, Peter, to Klinger AG. Fluid valve. 4,546,790, 10-15-85, Cl. 137-315.000.

Huber, Rudolph F.: *See—*
  Durno, Ronald A.; and Huber, Rudolph F., 4,540,141, Cl. 244-17.190.

Huber, Siegfried, to Bayerische Motoren Werke AG. Safety helmet, especially for users of automotive vehicles. 4,514,864, 5-7-85, Cl. 2-424.000.

Huber, Siegfried, to Bayerische Motoren Werke AG. Safety helmet, especially for motorcyclists. 4,524,465, 6-25-85, Cl. 2-424.000.

Huber & Suhner AG: *See—*
  Bosshard, Andreas; and Lammler, Bernhard, 4,545,637, Cl. 339-177.00E.

Huber, Walter; and Zucker, Fritz, to ITT Industries, Inc. Electric motor housing with end cap. 4,548,334, 10-22-85, Cl. 220-293.000.

Huber, Werner: *See—*
  Gsponer, Arnold; Huber, Werner; and Petrovic, Milan, 4,537,302, Cl. 198-626.000.

Huber, William A., to United States of America, Army. Automated map and display alignment. 4,523,188, 6-11-85, Cl. 340-734.000.

Huber, William B.: *See—*
  Slavik, William H.; and Huber, William B., 4,525,163, Cl. 604-65.000.
  Slavik, William H.; and Huber, William B., 4,551,134, Cl. 604-67.000.

Huber, William J.; and Borck, Gordan T., to RTE Corporation. Fuse element termination for current-limiting fuse. 4,506,249, 3-19-85, Cl. 337-232.000.

Hubert, Alvin I. Truck tractor towing apparatus. 4,544,175, 10-1-85, Cl. 280-402.000.

Hubert, Claudette, to CX Packaging Inc. Musical pacifier. 4,554,919, 11-26-85, Cl. 128-360.000.

Hubert, Gunter: *See—*
  Finkenzeller, Johann; and Hubert, Gunter, 4,555,794, Cl. 378-187.000.

Hubert, Jean-Marie; Bauer, Jean-Michel; and Mollet, Serge, to Le Carbone-Lorraine. Reinforced impregnated graphite structures and process for making same. 4,496,621, 1-29-85, Cl. 428-236.000.

Hubert, Jean-Marie; Bauer, Jean-Michel; and Abouchar, Raif, to Le Carbone-Lorraine of Tour Manhattan. Liquid distribution system for chemical engineering apparatuses. 4,561,461, 12-31-85, Cl. 137-561.00A.

Hubert, Miffre, to Societe Nationale Elf Aquitaine (Production). Sealing system for a well bore in which a hot fluid is circulated. 4,513,816, 4-30-85, Cl. 166-75.00R.

Hubert, Olivier: *See—*
  Delle-Vedove, Daniel; Lallemand, Yves; and Hubert, Olivier, 4,537,201, Cl. 128-697.000.

Hubert, Warren N., to RJR Archer, Inc. Machinery for molding headpiece for collapsible tube including a chilled wiper. 4,492,548, 1-8-85, Cl. 425-113.000.

Huberts, John T.: *See—*
  Wiseman, Alan G.; and Huberts, John T., 4,517,850, Cl. 73-864.210.

Hubig, Markus: *See—*
  Hein, Karl; Hubig, Markus; and Seroka, Helmut, 4,552,342, Cl. 266-175.000.

Hubler, Bodo-Hagen, to Licentia Patent-Verwaltungs-GmbH. Stripline filter. 4,536,725, 8-20-85, Cl. 333-204.000.

Hubler, Lawrence C.; Ferrara, Joseph J.; Albright, Roger N.; and Bassett, Raymond C., to Xerox Corporation. High speed duplicator with stapler and staple loading arrangement. 4,508,329, 4-2-85, Cl. 270-53.000.

Hubler, Lawrence C., to Xerox Corporation. Copier/duplicator with finishing apparatus having low staple control features. 4,523,750, 6-18-85, Cl. 270-53.000.

Hubler, Lawrence C.: *See—*
  Braun, Oskar J.; and Hubler, Lawrence C., 4,516,714, Cl. 227-78.000.
  Braun, Oskar J.; Hubler, Lawrence C.; and Sisson, Jeffrey L., 4,549,804, Cl. 355-14.0SH.
  Taylor, Thomas N.; Ellis, John R.; and Hubler, Lawrence C., 4,526,309, Cl. 226-33.000.

Hubner, Bernard G., to Dresser Industries, Inc. Method and apparatus for gamma ray well logging. 4,524,273, 6-18-85, Cl. 250-269.000.

Hubner, Diethard, to Neumunstersche Maschinen- und Apparatebau Gesellschaft mbH (Neumag). Winding machine for automatic spool exchange. 4,491,282, 1-1-85, Cl. 242-18.00A.

Hubner Gummi-Und Kunstsoff GmbH: *See—*
  Koch, Robert, 4,538,523, Cl. 105-20.000.

Hubner, Hans J. Process and device for indicating and evaluating environmental parameters. 4,526,028, 7-2-85, Cl. 73-23.000.

Hubner, Heijo: *See—*
  Jochum, Peter; Hubner, Heijo; and Gasser, Oswald, 4,532,268, Cl. 523-109.000.

Hubner, Heinz-Joachim: *See—*
  Schmitt, Werner; Purrmann, Robert; Jochum, Peter; Hubner, Heinz-Joachim; and Burger, Bernd, 4,544,742, Cl. 544-8.000.

Hubner, Horst; Lydtin, Hans; Rehder, Ludwig; and Zaengel, Thomas, to U.S. Philips Corporation. Method of manufacturing an electrode for a high-pressure gas discharge lamp and electrode for such a lamp. 4,525,379, 6-25-85, Cl. 427-53.100.

Hubner, Klaus M.: *See—*
  Sgros, Carl M.; and Hubner, Klaus M., 4,515,149, Cl. 126-442.000.

Hubner, Klemens: *See—*
  Sarnezki, Herbert; and Hubner, Klemens, 4,552,418, Cl. 312-242.000.

Hubner, Wolfgang; Klein, Helmut; Goldacker, Erhard; and Schroers, Otto, to Chemische Fabrik Stockhausen & Cie. Process for the rapid dissolution of water-soluble polymers. 4,530,943, 7-23-85, Cl. 523-318.000.

Hubner, Wolfgang: *See—*

Kimpel, Rolf-Dieter; Tamm, Horst; Hubner, Wolfgang; and Steiger, Erwin, 4,491,813, Cl. 335-187.000.

Hubred, Gale L.; and Van Leirsburg, Dean A., to Chevron Research Company. Recovering metals from spent hydroprocessing catalysts. 4,500,495, 2-19-85, Cl. 423-53.000.

Hubred, Gale L., to Chevron Research Company. Leaching nickel, cobalt, molybdenum, tungsten, and vanadium from spent hydroprocessing catalysts. 4,514,368, 4-30-85, Cl. 423-54.000.

Hubred, Gale L.; and Van Leirsburg, Dean A., to Chevron Research Company. Recovery of cobalt, molybdenum, nickel, tungsten and vanadium from an aqueous ammonia and ammonium salt solution by coextracting molybdenum, tungsten and vanadium and sequential extraction of nickel and cobalt. 4,514,369, 4-30-85, Cl. 423-54.000.

Hubred, Gale L.; and Van Leirsburg, Dean A., to Chevron Research Company. Stripping a solution containing molybdenum, tungsten and/or vanadium values. 4,515,757, 5-7-85, Cl. 423-54.000.

Hubsch, Gunter: *See—*

Brede, Uwe; Hubsch, Gunter; and Stahlmann, Rudolf, 4,495,866, Cl. 102-202.000.

Hubsch, Hubertus: *See—*

Dimigen, Heinz; and Hubsch, Hubertus, 4,525,417, Cl. 428-244.000.

Hubscher, Josef: *See—*

Barner, Richard; and Hubscher, Josef, 4,559,407, Cl. 549-548.000.

Hubschmid, Walter, to Walter Hubschmid & Sohn. Instrument for the treatment of interdental surfaces. 4,526,541, 7-2-85, Cl. 433-165.000.

Hubweber, Gerhard: *See—*

Mullner, Paul; Enkner, Bernhard; and Hubweber, Gerhard, 4,561,883, Cl. 75-10.00R.

Huchette, Michel: *See—*

Lamaret, Jean-Claude; Gosset, Serge; and Huchette, Michel, 4,512,915, Cl. 252-389.00A.

Huck Manufacturing Company: *See—*

Mercer, Larry D., 4,540,447, Cl. 148-2.000.

Paus, Lloyd L., 4,554,838, Cl. 73-761.000.

Huck, William R., to Jim Walter Resources, Inc. Coal sampling device. 4,548,087, 10-22-85, Cl. 73-863.570.

Hucke, Edward E., to Union Oil Company of California. Furfural or furfural alchol impregnants for carbonacious bodies. 4,503,215, 3-5-85, Cl. 528-232.000.

Hucke, Edward E., to Union Oil Company of California. Densified carbonaceous bodies with improved surface finishes. 4,548,957, 10-22-85, Cl. 521-77.000.

Huckenbeck, Claus O., to Bausch & Lomb Incorporated. Switch assembly for riflescope. 4,554,744, 11-26-85, Cl. 33-241.000.

Hucker, David J.; and Straznickas, Donald A., to Sundstrand Corporation. Permanent magnet rotor with saturable flux bridges. 4,517,483, 5-14-85, Cl. 310-156.000.

Hucker, David J., to Sundstrand Corporation. Inverter with bidirectional inverter for regenerative current. 4,542,451, 9-17-85, Cl. 363-132.000.

Hucker, David J., to Sundstrand Corporation. Multiple output DC power supply. 4,547,843, 10-15-85, Cl. 363-67.000.

Huckfeldt, Gebhard: *See—*

Gregor, Barbara; and Huckfeldt, Gebhard, 4,555,408, Cl. 426-90.000.

Huckfeldt & Thorlichen: *See—*

Gregor, Barbara; and Huckfeldt, Gebhard, 4,555,408, Cl. 426-90.000.

Huckins, Charles M.: *See—*

Holce, Thomas J.; and Huckins, Charles M., 4,525,018, Cl. 339-91.00R.

Holce, Thomas J.; and Huckins, Charles M., 4,536,754, Cl. 340-568.000.

Holce, Thomas J.; and Huckins, Charles M., 4,543,458, Cl. 200-61.700.

Huckler, Volker; Sonns, Eugen; Schafer, Helmut; and Nobis, Dieter, to Deere & Company. Gear shift arrangement for a vehicle. 4,549,637, 10-29-85, Cl. 192-3.630.

Huckler, Volker: *See—*

Benedek, Vasile; and Huckler, Volker, 4,491,039, Cl. 74-850.000.

Schafer, Helmut; Huckler, Volker; and Teich, Michael, 4,517,856, Cl. 74-528.000.

Hucul, Dennis A.: *See—*

Klun, Robert T.; Murchison, Craig B.; and Hucul, Dennis A., 4,554,391, Cl. 570-231.000.

Hudak, Janos: *See—*

Hegedus, Bela; Balint, Sandor; Hudak, Janos; Barta, Gyorgy; and Aszlanyi, Jozsef, 4,555,858, Cl. 34-25.000.

Hudak, Jozef: *See—*

Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.

Hude, Anton: *See—*

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,504,449, Cl. 423-228.000.

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,532,116, Cl. 423-226.000.

Hudelmaier, Gerhard, to Hudelmaier, Ingrid. Concrete mixer. 4,522,499, 6-11-85, Cl. 366-56.000.

Hudelmaier, Gerhard, to Hudelmaier, Ingrid. Concrete mixer truck. 4,544,275, 10-1-85, Cl. 366-30.000.

Hudelmaier, Ingrid: *See—*

Hudelmaier, Gerhard, 4,522,499, Cl. 366-56.000.

Hudelmaier, Gerhard, 4,544,275, Cl. 366-30.000.

Hudgens, Claude R., to United States of America, Energy. Rigid indented cylindrical cathode for X-ray tube. 4,560,897, 12-24-85, Cl. 313-337.000.

Hudgens, Stephen J.: *See—*

Ovshinsky, Stanford R.; Allred, David D.; Walter, Lee; and Hudgens, Stephen J., 4,504,518, Cl. 427-38.000.

Ovshinsky, Stanford R.; Allred, David D.; Walter, Lee; and Hudgens, Stephen J., 4,517,223, Cl. 427-39.000.

Ovshinsky, Stanford R.; Hudgens, Stephen J.; and Kastner, Marc A., 4,521,447, Cl. 427-45.100.

Hudgin, Donald E.; and Zawadzki, Thomas, to Princeton Polymer Laboratories, Inc. Degradable hydrocarbon polymers. 4,495,311, 1-22-85, Cl. 523-126.000.

Hudgin, Donald E.; and Semsarzadeh, Mohammad A. Polymer-metal blend. 4,533,685, 8-6-85, Cl. 523-457.000.

Hudiksvalls Mekaniska Aktiebolag: *See—*

Bas, Olov A., 4,545,454, Cl. 180-139.000.

Hudson, Barry, to BP Chemicals Limited. Coalescing agents. 4,525,512, 6-25-85, Cl. 524-284.000.

Hudson, Barry L.: *See—*

Meyers, Graham J.; Hudson, Barry L.; and Berry, Desmond J., 4,546,787, Cl. 137-119.000.

Hudson, Dannie B. Compensating valve system for controlling adjustable emulsifying orifice. 4,493,558, 1-15-85, Cl. 366-341.000.

Hudson, Dannie B. Adjustable orifice for emulsifier. 4,506,991, 3-26-85, Cl. 366-341.000.

Hudson Engineering Company: *See—*

Napolitano, Pellegrino E., 4,493,607, Cl. 415-11.000.

Napolitano, Pellegrino E., 4,494,560, Cl. 137-117.000.

Napolitano, Pellegrino E., 4,515,180, Cl. 137-565.000.

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Napolitano, Pellegrino E., 4,532,958, Cl. 137-454.200.

Hudson, Henry A.: *See—*

Bond, Alan M.; Hudson, Henry A.; van den Bosch, Pierre A.; and Walter, Frederick L., 4,504,367, Cl. 204-1.00T.

Hudson, Henry C., to Shell Oil Company. Catalysts for the selective hydrogenation of acetylenes. 4,551,443, 11-5-85, Cl. 502-313.000.

Hudson, James A., to Campbell Soup Company. Contacting means for guiding containers across weight platform. 4,538,694, 9-3-85, Cl. 177-145.000.

Hudson, James E., Jr.: *See—*

Robinson, Thomas P.; Killman, Don M.; Mattson, Andrew P.; and Hudson, James E., Jr., 4,559,044, Cl. 604-246.000.

Hudson, James M.: *See—*

Dunbar, Bohn D.; Niswender, Gordon D.; and Hudson, James M., 4,530,786, Cl. 260-112.00B.

Hudson, John E.; and Yohe, David B. Bowling ball carrying container. 4,553,667, 11-19-85, Cl. 206-315.900.

Hudson, Kenneth C., to RCA Corporation. Automatically adjustable aperture stop for optical scanning system. 4,516,024, 5-7-85, Cl. 250-236.000.

Hudson, L. Keith: *See—*

Schlesinger, Allen H.; Hudson, L. Keith; and Fish, William M., 4,530,699, Cl. 23-301.000.

Hudson Oxygen Therapy Sales Company: *See—*

Rowland, Robert O., 4,516,424, Cl. 73-23.000.

Rowland, Robert O., 4,561,287, Cl. 73-23.000.

Hudson Products Corporation: *See—*

Larinoff, Michael W., 4,518,035, Cl. 165-101.000.

Hudson, Robert C.; MacPherson, William F.; and Sharpless, Charles H., to AT&T Bell Laboratories. Floating battery feed circuit. 4,499,532, 2-12-85, Cl. 363-21.000.

Hudson, Sharon J., Jr., to Sharon Manufacturing Company. Fuel injection rail assembly. 4,519,368, 5-28-85, Cl. 123-468.000.

Hudson, Steven L., to Estate of Thomas S. Krause, The. Fluid coupling. 4,516,796, 5-14-85, Cl. 285-321.000.

Hudson Universal Ltd.: *See—*

Strauss, Helmut, 4,541,534, Cl. 211-13.000.

Hudson, William G., to Tioxide Group PLC. Oxidation process for production of acidic ferric sulphate. 4,507,273, 3-26-85, Cl. 423-558.000.

Hudson, William S.: *See—*

Neron, Joseph; Hudson, William S.; and Miller, Ronald L., 4,510,825, Cl. 81-57.290.

Hudspeth, Thomas; and Keeling, Harmon H., to Hughes Aircraft Company. Coaxial transmission line crossing. 4,533,883, 8-6-85, Cl. 333-1.000.

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  - Brault, Robert G., 4,508,812, Cl. 430-270.000.
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  - Close, Donald H., 4,530,564, Cl. 350-3.690.
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  - Cockrum, Charles A.; Chia, Joan K.; and Kreider, James F., 4,524,378, Cl. 357-71.000.
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  - Doty, John S., 4,493,529, Cl. 350-96.200.
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  - Giants, Thomas W., 4,497,951, Cl. 544-206.000.
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  - Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.
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  - Jain, Ravinder K.; and Giuliano, Concetto R., 4,493,086, Cl. 372-21.000.
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  - Kelleghan, William J., 4,503,254, Cl. 568-14.000.
  - Knauer, Wolfgang; and Perkins, Walter E., Jr., 4,560,878, Cl. 250-396.00R.
  - Knechtli, Ronald C.; Loo, Robert Y.; and Kamath, G. Sanjiv, 4,494,302, Cl. 29-575.000.
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  - Lau, Anthony S. Y.; and Gossett, Ernest W., Jr., 4,502,783, Cl. 356-152.000.
  - Lau, Kreisler S. Y., 4,537,974, Cl. 548-328.000.
  - Lee, William W. Y., 4,528,581, Cl. 357-23.110.
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  - Little, Michael J.; Brown, Roger H.; Efron, Uzi; and Hoberg, Clarence P., 4,537,827, Cl. 428-409.000.
  - Lucas, Charles H.; and Lewyn, Lanny L., 4,542,348, Cl. 330-253.000.
  - Ludwig, Frank A.; and Helber, Carlyle L., Jr., 4,550,036, Cl. 427-443.100.
  - McKenna, Charles M.; Clark, William M., Jr.; and Seliger, Robert L., 4,556,798, Cl. 250-492.200.
  - Moulin, Norbert L.; and Hartley, James T., 4,558,501, Cl. 29-271.000.
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  - Mulliner, Richard R.; and Rocke, Richard D., 4,517,571, Cl. 343-771.000.
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  - Sherwood, Charles H., 4,540,625, Cl. 428-283.000.
  - Sugar, Joseph, 4,540,969, Cl. 337-232.000.
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  - Terbrack, William H., 4,513,255, Cl. 331-1.00A.
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  - Ward, James W.; Schlanger, Herbert; McNulty, Hugh, Jr.; and Parker, Norman W., 4,556,794, Cl. 250-309.000.
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  - Zwirn, Robert; Dragavon, Edward J.; and Smithgall, Brian, 4,517,599, Cl. 358-166.000.
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- Hughes, David P., Jr. Portable desk. 4,538,861, 9-3-85, Cl. 312-244.000.
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Hughes, Jacqueline S.: *See—*
- Hughes, Leland G.; and Hughes, Jacqueline S., 4,490,997, Cl. 70-233.000.

Hughes, James S.: *See—*
- Ewing, Robert L.; Hughes, James S.; and Bruggeman, Bruce, 4,538,217, Cl. 362-375.000.

Hughes, John; and Mouncher, John, to LHW Telephone Auto Diallers Limited. Telephone dialling system. 4,535,204, 8-13-85, Cl. 179-90.0BD.

Hughes, John H., Jr., to Fairchild Camera & Instrument Corporation. Test vector indexing method and apparatus. 4,493,045, 1-8-85, Cl. 364-580.000.

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Hughes, John M.: *See—*
- McDonough, Kevin C.; Laffitte, David S.; and Hughes, John M., 4,562,435, Cl. 340-798.000.

Hughes, John T., to Micropore International Limited. Panels of thermal insulation material. 4,556,593, 12-3-85, Cl. 428-72.000.

Hughes, John T.: *See—*
- McWilliams, Joseph A.; and Hughes, John T., 4,546,588, Cl. 52-506.000.

Hughes, Kathleen A.; and Swift, Graham, to Rohm and Haas Company. Air-curing acrylic polymers. 4,547,556, 10-15-85, Cl. 526-75.000.

Hughes, Kenneth E.; Hutson, Timothy B.; and Fink, David J., to Battelle Development Corporation. Collagen orientation. 4,544,516, 10-1-85, Cl. 264-108.000.

Hughes, Larry J., to Procter & Gamble Company, The. Stable liquid detergent compositions. 4,507,219, 3-26-85, Cl. 252-118.000.

Hughes, Leland G.; and Hughes, Jacqueline S. Bicycle locking device. 4,490,997, 1-1-85, Cl. 70-233.000.

Hughes, Leslie R., to Imperial Chemical Industries PLC. Acylanilides having antiandrogenic activity. 4,535,092, 8-13-85, Cl. 514-438.000.

Hughes, Martin L.: *See—*
- Fisher, Martin J.; Heron, Roger A.; and Hughes, Martin L., 4,495,799, Cl. 73-61.00R.

Hughes Microelectronics Limited: *See—*
- Edwards, Colin W.; and Murray, Kenelm G. D., 4,558,432, Cl. 365-154.000.

Hughes, Richard: *See—*
- Traver, Jack L.; Palmer, C. Dale; and Hughes, Richard, 4,509,593, Cl. 166-63.000.

Hughes, Richard E. Flow actuated switch. 4,513,184, 4-23-85, Cl. 200-81.90M.

Hughes, Richard E., to Badger Company, Inc., The. Processes of recovering fatty acids and sterols from tall oil pitch. 4,524,024, 6-18-85, Cl. 260-97.600.

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- Bechis, Dennis J.; Chen, Hsing-Yao; and Hughes, Richard H., 4,558,253, Cl. 313-414.000.
- Chen, Hsing-Yao; and Hughes, Richard H., 4,556,819, Cl. 313-413.000.

Hughes, Richard L.; and Sigmon, Ned A., to AMP Incorporated. Wire stuffing cover. 4,508,411, 4-2-85, Cl. 339-99.00R.

Hughes, Richard S., to United States of America, Navy. Pin diode linear attenuator controlled by a companding DAC. 4,494,084, 1-15-85, Cl. 333-81.00R.

Hughes, Robert D.: *See—*
- Finn, Michael J.; and Hughes, Robert D., 4,502,940, Cl. 208-8.0LE.

Hughes, Robert S., to R. S. Hughes Ind. Inc. Nurse's seat. 4,555,138, 11-26-85, Cl. 297-346.000.

Hughes, Robert W.; and Cantrel, James F., to Ingersoll-Rand Company. Plural-part earth bit, and an improved bit head therefor. 4,505,343, 3-19-85, Cl. 175-409.000.

Hughes, Robert W.; and Cantrel, James F., to Ingersoll-Rand Company. Threaded engagement means. 4,551,050, 11-5-85, Cl. 411-436.000.

Hughes, Ronald H.: *See—*
- Kotliar, Abraham M.; Sibilia, John P.; Hughes, Ronald H.; and Landy, Richard A., 4,558,019, Cl. 501-101.000.

Hughes, Ronald M.: *See—*
- Palmer, Christopher W.; and Hughes, Ronald M., 4,558,766, Cl. 188-79.50B.

Hughes, Stephanie D. Clothing for breast feeding. 4,528,699, 7-16-85, Cl. 2-104.000.

Hughes Tool Company: *See—*
- Atkinson, Gerald O., 4,507,843, Cl. 29-466.000.
- Baugh, John L., 4,491,177, Cl. 166-75.00R.
- Baugh, John L., 4,497,368, Cl. 166-208.000.
- Beavers, John A.; and North, Willard F., 4,508,583, Cl. 156-94.000.
- Berg, Gunnar H., 4,550,942, Cl. 294-102.200.
- Burr, Bruce H.; Dolezal, George E.; and Galle, Edward M., 4,491,428, Cl. 384-93.000.
- Burr, Bruce H., 4,516,641, Cl. 175-228.000.
- Burr, Bruce H., 4,519,719, Cl. 384-94.000.
- Cochran, Chudleigh B., 4,519,456, Cl. 166-312.000.
- Davies, David L., 4,554,981, Cl. 175-4.520.
- Del Serra, David I., 4,513,215, Cl. 310-90.000.
- Dolezal, George E.; and Kelly, Joseph L., Jr., 4,515,228, Cl. 175-313.000.
- Evans, Robert W., 4,506,736, Cl. 166-387.000.
- Falknor, Charles L.; Vetter, Vincent H.; Wolfer, Dale R.; and Lyon, Dalton K., 4,557,339, Cl. 175-325.000.
- Garrett, William R., 4,542,797, Cl. 175-228.000.
- Garrett, William R., 4,561,508, Cl. 175-347.000.
- Gilbert, Bruce, 4,513,822, Cl. 166-382.000.
- Jackson, Jay W.; and Golden, Ruben E., 4,531,749, Cl. 277-188.00A.
- Knox, Dick L.; Leuthen, John M.; and Lockyear, Kevin W., 4,491,778, Cl. 318-803.000.
- Knox, Dick L., 4,492,523, Cl. 417-13.000.
- Leighton, Joseph C., 4,492,278, Cl. 175-410.000.
- Leuthen, John M., 4,542,324, Cl. 318-798.000.
- Lively, F. Glenn; and Robison, Kenneth O., 4,501,323, Cl. 166-250.000.
- Manderscheid, Phillip H., 4,523,641, Cl. 166-208.000.
- Manderscheid, Phillip H., 4,548,264, Cl. 166-139.000.
- Outhwaite, George F., 4,502,543, Cl. 166-359.000.
- Regan, Albert M., 4,491,345, Cl. 285-18.000.
- Salant, Richard F.; and Boyd, Clinton A., 4,491,331, Cl. 277-96.100.
- Smith, Jackie E., 4,506,432, Cl. 29-458.000.
- Sweatman, Ronald E.; Freeman, Earl R.; Gottschling, John; and Simon, John, 4,512,405, Cl. 166-278.000.
- Vandevier, Joseph E., 4,521,708, Cl. 310-87.000.
- Wadhwa, Suresh K., 4,514,309, Cl. 252-8.55R.
- Watkins, Bruce J., 4,491,439, Cl. 405-224.000.
- Watkins, Bruce J., 4,499,950, Cl. 166-285.000.
- Whanger, James R.; and Staudenmayer, Ralph, 4,539,018, Cl. 51-295.000.

Hughes Tool Company - USA: *See—*
- Atkinson, Gerald O., 4,559,852, Cl. 76-108.00A.
- Hall, James R.; and Cunningham, Robert A., 4,548,431, Cl. 285-334.000.
- Mullins, John M., 4,549,820, Cl. 384-95.000.

Hughes, Vincent L.; and Benitez, Francisco M., to Exxon Research & Engineering Co. Petroleum resin and pressure sensitive adhesive formulations utilizing same as tackifier. 4,514,554, 4-30-85, Cl. 526-339.000.

Hughes, Vincent L.: *See—*
- Small, Augustus B.; Hughes, Vincent L.; and Benitez, Francisco M., 4,562,233, Cl. 526-76.000.

Hughes, Walton: *See—*
- Stanner, Donald; and Hughes, Walton, 4,540,331, Cl. 414-730.000.

Hughes, William E.; Dare, Keith E.; and Cooper, Jerry W., to Dayco Corporation. Multiple fluid conveying hose assembly and method of making same. 4,517,404, 5-14-85, Cl. 174-47.000.

Hughette, Michel: *See—*
- Boursier, Bernard; Bussiere, Guy; Devos, Francis; and Hughette, Michel, 4,497,846, Cl. 426-660.000.

Hughey, Daniel C.: *See—*
- Woodruff, Frederick W.; Hughey, Daniel C.; and Smart, William L., 4,506,260, Cl. 340-649.000.

Hughins, James T. Fractional calculator. 4,545,022, 10-1-85, Cl. 364-709.000.

Hughson, Douglas, to Ford Motor Company. Helical gear pump with specific helix angle, tooth contact length and circular base pitch relationship. 4,548,562, 10-22-85, Cl. 418-189.000.

Hughson, Robert A.; and Osborne, Eddie A., to Shell Offshore Inc. Method of replacing a corroded well conductor in an offshore platform. 4,526,232, 7-2-85, Cl. 166-339.000.

Hugi, Rolf: *See—*
- Renner, Alfred; Grutter, Peter; and Hugi, Rolf, 4,549,008, Cl. 528-220.000.

Hugl, Herbert: *See—*
- Weitz, Robert; Neeff, Rutger; and Hugl, Herbert, 4,556,401, Cl. 8-641.000.

Hugler, Klaus, to J. Lorch Gesellschaft & Co. KG. Solenoid valve. 4,561,632, 12-31-85, Cl. 251-129.150.

Hugon, Pierre: *See—*
- Beregi, Laszlo; Hugon, Pierre; Duhault, Jacques; and Boulanger, Michelle, 4,505,921, Cl. 514-212.000.

Hugues, Francois: *See—*
- Ozin, Geoffrey A.; Nazar, Linda F.; and Hugues, Francois, 4,552,855, Cl. 502-74.000.

Hugus, George D.; and Young, A. Mark, to United States of America, Navy. Underwater sound generator. 4,556,963, 12-3-85, Cl. 367-143.000.

Huh, Phil-yool. Bedroom cabinet. 4,505,078, 3-19-85, Cl. 52-36.000.

Huhn, Erhard: *See—*
Ludenbach, Karl; and Huhn, Erhard, 4,516,602, Cl. 137-512.150.

Huhn, Karl; and von Au, Gunter, to Wacker-Chemie GmbH. Method of impregnating textile materials made from organic fibers. 4,555,419, 11-26-85, Cl. 427-387.000.

Huhn, Karl; and Ullrich, Kurt, to Wacker-Chemie GmbH. Method for preparing aqueous emulsions. 4,559,385, 12-17-85, Cl. 524-838.000.

Huhn, Karl: *See—*
Preiner, Gerhard; Huhn, Karl; Muller, Johann; Marwitz, Heinrich; and Ullrich, Kurt, 4,533,477, Cl. 252-8.900.

Huhn, Kurt: *See—*
Glembin, Dirk; Huhn, Kurt; Meyer, Gunter; and Thallmeier, Manfred, 4,510,334, Cl. 568-643.000.

Huhn, Magda; Szabo, Gabor; Dvortsak, Peter; Karpati, Marianna; and Somfai, Eva, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Pentahalophenyl ester of cyanoacetic acid derivatives. 4,508,658, 4-2-85, Cl. 260-465.00D.

Huhne, Volker: *See—*
Raue, Roderich; Huhne, Volker; and Kuhlthau, Hans-Peter, 4,513,142, Cl. 548-507.000.

Huhta-Koivisto, Esko, to Oy Finn-Aqua Ltd. Distilling apparatus operating on the thermocompressor principle. 4,536,258, 8-20-85, Cl. 202-180.000.

Huhtala, Marja-Liisa: *See—*
Stenman, Ulf-Hakan; and Huhtala, Marja-Liisa, 4,559,311, Cl. 436-542.000.

Huhtala, Martti E.: *See—*
Blomqvist, Seppo I.; Saarela, Markku T.; Huhtala, Martti E.; Niska, Raimo A.; and Vaittinen, Hannu A., 4,538,986, Cl. 432-236.000.

Hui, Sai H., to Sun Chemical Corporation. Compounds and their use as insolubilizers for binders for paper coating compositions. 4,544,609, 10-1-85, Cl. 428-507.000.

Huiber, Otto A., to Hi-Tech Engineering, Inc. Piston seal access apparatus. 4,536,134, 8-20-85, Cl. 417-360.000.

Huignard, Jean P., to Thomson-CSF. Device for evolutive illumination of an object. 4,527,132, 7-2-85, Cl. 332-7.510.

Huignard, Jean P.: *See—*
Pichon, Laurence; and Huignard, Jean P., 4,514,038, Cl. 350-162.130.

Huignard, Jean-Pierre, to Thomson-CSF. Device for the heterodyne detection of an optical image. 4,491,867, 1-1-85, Cl. 358-113.000.

Huignard, Jean-Pierre; Herriau, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, to Thomson-CSF. Interferometer for the real time display of deformations of vibrating structures. 4,492,468, 1-8-85, Cl. 356-347.000.

Huignard, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, to Thomson-CSF. Optical device for real-time amplification of the radiant energy of a beam. 4,505,536, 3-19-85, Cl. 350-3.640.

Huignard, Jean-Pierre; and Malard, Marcel, to Thomson-CSF. Coherent radiation source generating a beam with a regulatable propagation direction. 4,520,484, 5-28-85, Cl. 372-24.000.

Huignard, Jean Pierre; and LeDu, Bertrand, to Thomson-CSF. Optical beam switching device and telephone exchange comprising a device of this kind. 4,543,662, 9-24-85, Cl. 455-600.000.

Huijer, Ernst, to Hewlett-Packard Company. Magnetostatic wave resonator. 4,528,529, 7-9-85, Cl. 333-219.000.

Huijsing, Johan H.; and van de Plassche, Rudy J., to Signetics Corporation. Differential amplifier with rail-to-rail input capability and controlled transconductance. 4,555,673, 11-26-85, Cl. 330-258.000.

Huisman, Rein L.: *See—*
Bruinsma, Hans; Hollander, Frans; Huisman, Rein L.; and Reinen, Adrianus G., 4,532,789, Cl. 72-202.000.

Huitema, Thomas W.; and DeSutter, David A., to J. I. Case Company. Handle control assembly. 4,548,094, 10-22-85, Cl. 74-526.000.

Hujala, Jorma; and Koponen, Martti, to Valmet Oy. Web-forming section of a paper machine intended for modernization of a fourdrinier wire. 4,517,054, 5-14-85, Cl. 162-301.000.

Hujer, Friedrich: *See—*
Weber, Klaus; Hujer, Friedrich; and Schaner, Ferdinand, 4,508,224, Cl. 206-455.000.

Hujsak, Edward J., to General Dynamics Corporation/Convair Div. Mechanism for deploying a deployable truss beam. 4,524,552, 6-25-85, Cl. 52-108.000.

Hukaya, Toshio: *See—*
Ishizawa, Akio; Hukaya, Toshio; Kumagai, Katuya; and Takeuchi, Tatuo, 4,540,627, Cl. 428-328.000.

Hukazu, Tetuo: *See—*
Shimada, Masayoshi; Iizuka, Yasuhiro; and Hukazu, Tetuo, 4,496,637, Cl. 429-44.000.

Hula, Melvin F., Jr. Levee gate cutter. 4,506,741, 3-26-85, Cl. 172-445.100.

Hulbritt Developments Limited: *See—*
Edmondson, Alan S., 4,510,730, Cl. 53-53.000.

Hulejczuk, Roman A.: *See—*
Molloy, James O.; Sydenham, Peter E.; and Hulejczuk, Roman A., 4,560,007, Cl. 169-54.000.

Hulek, Anton; and Polanschutz, Wolfgang, to Voest-Alpine Aktiengesellschaft. Method and an arrangement for inspecting the surface of steel stock having a temperature above the Curie point. 4,534,405, 8-13-85, Cl. 164-451.000.

Hulett, John G.; and Rothenberger, Robert. Electrical heating cap. 4,512,830, 4-23-85, Cl. 156-70.000.

Hulin, Rene; and Schuler, Daniel, to Societe Anonyme Automobiles Peugeot; and Societe Anonyme Automobiles Citroen. Manual control device for changing speeds including a locking of the reverse speed. 4,524,635, 6-25-85, Cl. 74-476.000.

Hulka, Jaroslav F. Disposable fetal oxygen monitor. 4,537,197, 8-27-85, Cl. 128-633.000.

Hull, Francis R. Condensing gas-to-gas heat exchanger. 4,548,262, 10-22-85, Cl. 165-111.000.

Hull, Frank A., to Carlson, Chesley F. Automated self calibrating exposure computer. 4,498,140, 2-5-85, Cl. 364-571.000.

Hull, Frederick H., to Budd Company, The. Road simulator testing automotive and truck wheels and hubs. 4,499,759, 2-19-85, Cl. 73-146.000.

Hull, Maury L., to University of California, The Regents of the. Apparatus for programmed release in ski bindings. 4,494,768, 1-22-85, Cl. 280-612.000.

Hull, Richard W.; and Teslenko, Leonard, to Western Digital Corporation. MOS Phase lock loop synchronization circuit. 4,519,086, 5-21-85, Cl. 375-120.000.

Hull, Robert; and Lane, Joseph A., to Amtrol Inc. Gas-liquid vortex separator-eliminator. 4,555,253, 11-26-85, Cl. 55-170.000.

Hull, William L. Knee-pad device. 4,561,123, 12-31-85, Cl. 2-23.000.

Hullihen, John. Non-refillable pourer. 4,523,687, 6-18-85, Cl. 215-25.000.

Hulls, Leonard R., to Numonics Corporation. Absolute position coordinate determining device employing a single phase difference measurement to determine cursor position. 4,552,991, 11-12-85, Cl. 178-19.000.

Hullwegen, Josef, to Nixdorf Computer AG. Variable delay unit for data synchronizer using phase-sensitive counter to vary the delay. 4,524,448, 6-18-85, Cl. 375-118.000.

Hulme, Ivan E.: *See—*
Marlow, Christopher I.; Wiltshire, Anthony R.; and Hulme, Ivan E., 4,541,886, Cl. 156-230.000.

Hulme, James H.; and Shinn, Stuart E., to Supreme Aluminum Industries Limited. Ladder extension coupling. 4,519,478, 5-28-85, Cl. 182-178.000.

Hulsbeck & Furst GmbH & Co. KG: *See—*
Stellberger, Karl-Heinz, 4,509,093, Cl. 361-172.000.

Hulse, Ian: *See—*
Roach, Peter F.; Duncombe, Edward; and Hulse, Ian, 4,559,436, Cl. 219-85.00M.

Hulse, Mark M.: *See—*
Anderson, Maynard E.; Marshall, Robert T.; and Hulse, Mark M., 4,497,898, Cl. 436-23.000.

Hulsebusch, William H.; and Hinkhouse, Lysle R., to Sears Manufacturing Company. Process for developing porosity in air impervious film and articles produced by the process. 4,547,920, 10-22-85, Cl. 5-468.000.

Hulsebusch, William H.: *See—*
Hostetler, John E.; Hulsebusch, William H.; and Sears, I. Weir, 4,559,094, Cl. 156-212.000.
Sears, I. Weir; Hostetler, John E.; and Hulsebusch, William H., 4,555,814, Cl. 2-227.000.

Hulsey, Charles M. Adjustable orthodontic appliance. 4,496,317, 1-29-85, Cl. 433-10.000.

Hulsink, Jan H. Orthodontic device. 4,516,936, 5-14-85, Cl. 433-6.000.

Hulsmann, Hans L., to Dynamit Nobel Aktiengesellschaft. Synthetic liquid wax esters. 4,510,093, 4-9-85, Cl. 260-410.90N.

Hult, Anders; Ito, Hiroshi; MacDonald, Scott A.; and Willson, Carlton G., to International Business Machines Corporation. Process for preparing negative relief images with cationic photopolymerization. 4,551,418, 11-5-85, Cl. 430-325.000.

Hult, Timothy D.: *See—*
Craighead, Norwood D., II; Preliasco, Richard J.; and Hult, Timothy D., 4,558,967, Cl. 403-113.000.

Hultgren, Karl S. H. Arrangement in combustion chambers for burning solid fuel. 4,516,562, 5-14-85, Cl. 126-77.000.

Hultgren, Kent G., to Westinghouse Electric Corp. Combustion turbine single airfoil stator vane structure. 4,511,306, 4-16-85, Cl. 415-136.000.

Hultgren, Kent G.: *See—*
North, William E.; Holden, Paul C.; and Hultgren, Kent G., 4,515,523, Cl. 415-115.000.

Hultholm, Stig-Erik; Lilja, Launo L.; Makitalo, Valto J.; and Nyman, Bror G., to Outokumpu Oy. Method for dispersing gas in a solid-containing liquid, and an apparatus for it. 4,548,765, 10-22-85, Cl. 261-93.000.

Hultmark, Dan; Steiner, Hakan; Rasmuson, Torgny; and Boman, Hans G., to KabiGen AB. Bacteriolytic proteins. 4,520,016, 5-28-85, Cl. 514-12.000.

Hultmark, Eric B.; Metreaud, Claude G.; and Yacavonis, Robert A., to International Business Machines Corporation. Heat sink for electronic package. 4,546,405, 10-8-85, Cl. 361-386.000.

Hultner, Karl: *See—*
Schaut, Josef; Ruppel, Peter; and Hultner, Karl, 4,556,302, Cl. 354-83.000.

Hultquist, John V. Dent pulling tool. 4,502,317, 3-5-85, Cl. 72-479.000.

Hultquist, John V. Force producing and transmitting apparatus. 4,507,951, 4-2-85, Cl. 72-431.000.

Hultsch, Gunther, to Krauss-Maffei Aktiengesellschaft. Pocket centrifuge and method of operating same. 4,536,288, 8-20-85, Cl. 210-325.000.

Hultz, Robert C.: *See—*
Stamper, Richard W.; and Hultz, Robert C., 4,515,744, Cl. 264-171.000.

- Hultzsch, Kurt; and Rudolphy, Albert, to Hoechst Aktiengesellschaft. Process for the preparation of a modified hydrocarbon resin. 4,506,059, 3-19-85, Cl. 525-134.000.
- Hum, Robert H.: *See—*
  - MacDonald, R. Ian; Hara, Elmer H.; and Hum, Robert H., 4,506,151, Cl. 250-213.00A.
- Human Oltoanyagtermelo es Kutato Intezet: *See—*
  - Bar, Vilmos; Boszormenyi, Jozsef; Richter, Peter; Mercz, Jeno; and Rozsnyai, Tamas, 4,510,147, Cl. 514-314.000.
  - Szijjarto, Emilia; and Raskai, Magda, 4,503,037, Cl. 424-94.000.
- Humason, Dan C.; Buchwitz, Mayleta; and Higgins, Theodore E., to Humason, Dan C.; and Buchwitz, Mayleta. Decals and process for making same. 4,522,864, 6-11-85, Cl. 428-201.000.
- Humber, David C.: *See—*
  - Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; Coomber, Barry A.; and Pateman, Anthony J., 4,497,805, Cl. 514-172.000.
  - Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; and Coomber, Barry A., 4,515,786, Cl. 514-182.000.
- Humber, Leslie G.: *See—*
  - Asselin, Andre A.; and Humber, Leslie G., 4,510,157, Cl. 514-411.000.
  - Asselin, Andre A.; and Humber, Leslie G., 4,521,423, Cl. 514-290.000.
  - Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., 4,521,606, Cl. 548-503.000.
  - Asselin, Andre A.; and Humber, Leslie G., 4,522,946, Cl. 514-284.000.
  - Asselin, Andre A.; Crosilla, Danilo A.; and Humber, Leslie G., 4,562,200, Cl. 514-415.000.
  - Demerson, Christopher A.; and Humber, Leslie G., 4,515,961, Cl. 548-432.000.
  - Demerson, Christopher A.; and Humber, Leslie G., 4,544,757, Cl. 548-432.000.
- Humberger, Roger B.: *See—*
  - Bierman, Laurence W.; Polinsky, Samuel M.; Hempel, David A.; and Humberger, Roger B., 4,511,541, Cl. 423-100.000.
- Humberstone, Victor C., to Comtech Research Unit Limited. Electrophotographic contact printing and master therefore. 4,524,116, 6-18-85, Cl. 430-31.000.
- Humberstone, Victor C.; and Fisher, John H., to Comtech Research Unit Limited. Intense pre-illumination electrophotographic process. 4,532,197, 7-30-85, Cl. 430-41.000.
- Humbert, Heiko; and Laping, Karlheinz, to Deutsche Texaco Aktiengesellschaft. Method for producing crystalline acrylamido alkyl trialkylammonium chlorides. 4,556,736, 12-3-85, Cl. 564-204.000.
- Humbert, Stanley F.: *See—*
  - Aultz, Thomas R.; Hughes, Charles C.; and Humbert, Stanley F., 4,498,567, Cl. 192-133.000.
- Humble, David R.; and Barth, Hans. Sailboard boom-to-mast connector. 4,516,873, 5-14-85, Cl. 403-191.000.
- Humble, Raymond, to Hardy Bros (Alnwick) Ltd. Fishing reel with a variable pressure click pawl. 4,553,714, 11-19-85, Cl. 242-84.10R.
- Humble, Rick J.: *See—*
  - Emery, Stephen G.; and Humble, Rick J., 4,542,829, Cl. 209-534.000.
- Humblet, Pierre A., to Codex Corporation. Data compression. 4,562,423, 12-31-85, Cl. 340-347.0DD.
- Humblot, Bernard. Electric resistance welding apparatus. 4,517,435, 5-14-85, Cl. 219-89.000.
- Humblot, Bernard. Welding apparatus using transformer with movable secondary and its method of manufacture and use. 4,544,821, 10-1-85, Cl. 219-91.200.
- Humbrecht, Remy; and Schmieder, Heinrich, to Viscosuisse S.A. Draw-textured, base-dyeable polyester yarn. 4,496,716, 1-29-85, Cl. 528-295.000.
- Humbs, Rolf, to Siemens Aktiengesellschaft. Device for line printers for the depositing of sheet-like data carriers. 4,502,805, 3-5-85, Cl. 400-647.100.
- Hume, Christopher: *See—*
  - Eddleston, Michael J.; and Hume, Christopher, 4,560,079, Cl. 220-4.00R.
- Hume, Robert M., III, to H. B. Fuller Company. Book binding process. 4,536,012, 8-20-85, Cl. 281-21.00R.
- Hume, Timothy: *See—*
  - Eyler, Stanley; and Hume, Timothy, 4,503,473, Cl. 360-128.000.
- Humes, Arnold F. Ladder assembly. 4,537,283, 8-27-85, Cl. 182-127.000.
- Humes, Dennis W.: *See—*
  - Daghe, Joseph L.; Sands, Robert E.; and Humes, Dennis W., 4,523,607, Cl. 137-218.000.
  - Daghe, Joseph L.; Humes, Dennis W.; and Stanley, Mervin D., 4,554,944, Cl. 137-296.000.
- Humke, Albert L., to Deere & Company. Exhaust port. 4,537,028, 8-27-85, Cl. 60-272.000.
- Hummel, John E.; and Baab, William E., to Linear Films, Inc. Method of making flat bottom plastic bag. 4,526,565, 7-2-85, Cl. 493-196.000.
- Hummel, Karl-Ernst; Humpolik, Bohumil; Ingelmann, Hans-Joachim; and Staffa, Karl-Heinz, to Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co. KG. Heat exchanger having a helical distributor located within the connecting tank. 4,524,823, 6-25-85, Cl. 165-174.000.
- Hummel, Kurt: *See—*
  - Merges, Veit; and Hummel, Kurt, 4,501,469, Cl. 350-611.000.
- Hummel, Peter; and Kunkel, Fred, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Mechanism for varying the axial travel of a distributing roller in a printing machine. 4,513,663, 4-30-85, Cl. 101-349.000.
- Hummel, Peter: *See—*
  - Schroder, Peter; Kunkel, Fred; and Hummel, Peter, 4,534,290, Cl. 101-365.000.
- Hummel, Werner: *See—*
  - Leuchtenberger, Wolfgang; Kula, Maria-Regina; Hummel, Werner; and Schutte, Horst, 4,530,903, Cl. 435-130.000.
- Hummel, William H.: *See—*
  - Young, David A.; and Hummel, William H., 4,509,770, Cl. 280-507.000.
- Humphrey, Brock H.: *See—*
  - Humphrey, Frederick H.; and Humphrey, Brock H., 4,526,195, Cl. 137-512.100.
- Humphrey, Frederick H.; and Humphrey, Brock H., to IIC Mechanical Products Limited. Reinforced plastic structure such as a valve. 4,526,195, 7-2-85, Cl. 137-512.100.
- Humphrey Instruments, Inc.: *See—*
  - Humphrey, William E., 4,540,254, Cl. 351-212.000.
  - Humphrey, William E., 4,560,259, Cl. 351-211.000.
  - Humphrey, William E.; and Campbell, Charles, 4,561,738, Cl. 351-226.000.
- Humphrey Products Company: *See—*
  - Klimowicz, Michael A.; Toliusis, Vytautas J.; and Loveless, Stanley M., 4,501,299, Cl. 137-625.650.
  - Loveless, Stanley M., 4,494,572, Cl. 137-596.170.
  - Toliusis, Vytautas J., 4,524,807, Cl. 137-884.000.
- Humphrey, Stanley A. Archery arrow having plastic vanes. 4,502,692, 3-5-85, Cl. 273-423.000.
- Humphrey, Stanley A. Fluid pressurized arrow shaft for archery arrows. 4,541,636, 9-17-85, Cl. 273-416.000.
- Humphrey, William E., to Humphrey Instruments, Inc. Keratometer having peripheral light entrance and exit paths. 4,540,254, 9-10-85, Cl. 351-212.000.
- Humphrey, William E., to Humphrey Instruments, Inc. Objective refractor for the eye. 4,560,259, 12-24-85, Cl. 351-211.000.
- Humphrey, William E.; and Campbell, Charles, to Humphrey Instruments, Inc. Field tester. 4,561,738, 12-31-85, Cl. 351-226.000.
- Humphreys, Colin J.: *See—*
  - Mochel, Margaret E.; and Humphreys, Colin J., 4,508,952, Cl. 219-121.0EH.
- Humphreys, Hugh M.: *See—*
  - Brown, William H.; Starkweather, James A.; and Humphreys, Hugh M., 4,523,310, Cl. 370-112.000.
- Humphreys, John C., to H. Flude & Company (Hinckley) Limited. Spade gusset seaming apparatus. 4,524,705, 6-25-85, Cl. 112-121.150.
- Humphreys, John K.; and Valentine, Joseph, to Chloride Group Public Limited Company. Electric storage batteries. 4,562,128, 12-31-85, Cl. 429-178.000.
- Humphreys, Norman G.; and Dean, Raymond H., to Tempmaster Corporation. Low temperature conditioning system and method. 4,513,574, 4-30-85, Cl. 62-59.000.
- Humphreys, Paula L.; and Okorley, Jonathan A., to Dow Chemical Company, The. Recovery of catalysts as W, Mo or Ru oxychlorides in liquid phase chlorination of pyridine compounds. 4,532,111, 7-30-85, Cl. 423-22.000.
- Humphries, Adrian P.: *See—*
  - Scherzer, Julius; and Humphries, Adrian P., 4,512,961, Cl. 423-328.000.
- Humphries, Benjamin T.; and Spisak, Andrew J., to Westinghouse Electric Corp. Turbine generator with stator end winding support assembly including resilient bracket. 4,525,642, 6-25-85, Cl. 310-260.000.
- Humphries, Michael J.; Liu, Chih-an; and Krutenat, Richard C., to Exxon Research & Engineering Co. MCrAlY cladding layers and method for making same. 4,532,191, 7-30-85, Cl. 428-678.000.
- Humphries, Rowland F.: *See—*
  - Grainge, Richard W.; and Humphries, Rowland F., 4,516,158, Cl. 358-109.000.
- Humphry, Donald E.: *See—*
  - Carle, Glenn C.; Kojiro, Daniel R.; and Humphry, Donald E., 4,538,066, Cl. 250-374.000.
- Humpolik, Bohumil; and Staffa, Karl-Heinz, to Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co. KG. Evaporator particularly suitable for air conditioners in automotive vehicles. 4,513,587, 4-30-85, Cl. 62-515.000.
- Humpolik, Bohumil; and Kluna, Vlastimil, to Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co. KG. Heat exchanger with a plurality of individual tubular parts and process for the manufacture thereof. 4,531,577, 7-30-85, Cl. 165-150.000.
- Humpolik, Bohumil: *See—*
  - Hummel, Karl-Ernst; Humpolik, Bohumil; Ingelmann, Hans-Joachim; and Staffa, Karl-Heinz, 4,524,823, Cl. 165-174.000.
- Hund, Ernest A.: *See—*
  - Hollaender, Robert P., II; Howard, Leslie M.; and Hund, Ernest A., 4,540,307, Cl. 403-190.000.
- Hund, Franz: *See—*
  - Brunn, Horst; Hund, Franz; Rambold, Wolfgang; Kresse, Peter; and von Szadkowski, Gerd, 4,492,600, Cl. 106-14.340.
- Hundebol, Keld O. Method for producing a grinding- or polishing disc and a machine for this purpose. 4,518,452, 5-21-85, Cl. 156-211.000.
- Hundebol, Soren, to F. L. Smidth & Co. A/S. Method and apparatus for calcining raw phosphate material. 4,555,388, 11-26-85, Cl. 423-167.000.
- Hundertmark, James M., to Brunswick Corporation. Accessory gear drive for a two-cycle engine. 4,512,292, 4-23-85, Cl. 123-65.00B.

Hundgen, Peter: *See—*
  Herchenbach, Horst; Seelen, Fritz; Ramesohl, Hubert; Hundgen, Peter; and Schilling, Horst, 4,505,051, Cl. 34-57.00E.

Hundt, Roger C.: *See—*
  Jordan, William D.; Hundt, Roger C.; and Pritchett, James D., 4,521,827, Cl. 361-386.000.

Hunerwadel, Moritz H. Charcoal grill. 4,535,748, 8-20-85, Cl. 126-25.00R.

Hung, Chi-Wen: *See—*
  Imai, Tamotsu; and Hung, Chi-Wen, 4,506,032, Cl. 502-223.000.
  Imai, Tamotsu; and Hung, Chi-Wen, 4,551,574, Cl. 585-660.000.

Hung, Jocelyn H.: *See—*
  Werbel, Leslie M.; and Hung, Jocelyn H., 4,532,240, Cl. 514-252.000.

Hung, Kuo-Liang. Measure tape and key chain combined device. 4,502,226, 3-5-85, Cl. 33-138.000.

Hung, Le K.: *See—*
  Mitkov, Atanas L.; Georgiev, Ivan N.; Radulov, Peter T.; Hung, Le K.; and Atanassov, Atanas K., 4,532,940, Cl. 130-6.000.

Hung, Michael. Separate overload detecting and warning system for hydraulic jack. 4,529,975, 7-16-85, Cl. 340-626.000.

Hung, Paul P.; Lee, Shaw-Guang; Roychoudhury, Ranajit; and Ratzkin, Barry J., to Abbott Laboratories. Recombinant deoxyribonucleic acid which codes for plasminogen activator and method of making plasminogen activator protein therefrom. 4,558,010, 12-10-85, Cl. 435-212.000.

Hung, Peter, to Porta Systems Corp. Wire contact retention means for rotary switches. 4,496,804, 1-29-85, Cl. 200-11.00A.

Hung, Peter, to Porta Systems Corp. Telephone modular wall jack. 4,536,050, 8-20-85, Cl. 339-99.00R.

Hung, William M.; and Jefferies, Patrick J., to Hilton-Davis Chemical Co., The. Method for sanitizing toilets. 4,536,367, 8-20-85, Cl. 422-37.000.

Hung, William M.; and Knox, Jack M., to Hilton-Davis Chemical Co., The. Method for sanitizing toilets. 4,536,368, 8-20-85, Cl. 422-37.000.

Hung, William M., to Hilton-Davis Chemical Co., The. Electrochromic marking systems. 4,549,192, 10-22-85, Cl. 346-218.000.

Hung, William M., to Hilton-Davis Chemical Co., The. Electrochromic and marking systems. 4,551,740, 11-5-85, Cl. 346-218.000.

Hung, William M.: *See—*
  Gunn, Michael B.; and Hung, William M., 4,561,001, Cl. 346-218.000.
  Schmidt, Paul J.; and Hung, William M., 4,494,989, Cl. 106-21.000.
  Schmidt, Paul J.; and Hung, William M., 4,507,483, Cl. 546-201.000.
  Schmidt, Paul J.; and Hung, William M., 4,515,971, Cl. 549-225.000.
  Schmidt, Paul J.; and Hung, William M., 4,535,172, Cl. 549-310.000.
  Schmidt, Paul J.; and Hung, William M., 4,539,579, Cl. 346-218.000.
  Schmidt, Paul J.; and Hung, William M., 4,540,790, Cl. 546-283.000.
  Schmidt, Paul J.; and Hung, William M., 4,558,137, Cl. 548-492.000.

Hunger, Josef; Klueber, Wilhelm; and Regelsberger, Wolfgang, to Hilti Aktiengesellschaft. Tool holder for hammer drills. 4,491,445, 1-1-85, Cl. 409-234.000.

Hunger, Josef; and Neumaier, Anton, to Hilti Aktiengesellschaft. Drill chuck for percussion drilling. 4,536,109, 8-20-85, Cl. 408-240.000.

Hunger, Klaus; and Pesenacker, Manfred, to Hoechst Aktiengesellschaft. Azo compounds deriving from amino benzoic acid anilides and acetoacetylamino-benzimidazolone. 4,504,416, 3-12-85, Cl. 534-742.000.

Hunger, Klaus, to Hoechst Aktiengesellschaft. Monoazo compounds derived from 3-nitro-4-amino-benzoates and 5-(2'-hydroxy-3'-naphthoylamino)-benzimidazolones. 4,555,568, 11-26-85, Cl. 534-801.000.

Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., to Alcan International Limited. Electrolytic reduction cells. 4,505,796, 3-19-85, Cl. 204-243.00R.

Hunkapiller, Michael W. Zero dead volume valve. 4,558,845, 12-17-85, Cl. 251-331.000.

Hunke, Friedrich: *See—*
  Lettner, Horst H.; Hunke, Friedrich; and Hench, Hans, 4,528,157, Cl. 264-237.000.
  Philipp, Heinrich; Lettner, Horst H.; and Hunke, Friedrich, 4,530,649, Cl. 425-71.000.

Hunnicutt, Wayne E.: *See—*
  Jahnke, Richard P.; Keuper, James C.; and Hunnicutt, Wayne E., 4,557,625, Cl. 404-25.000.

Huno, Takakazu: *See—*
  Maeda, Takeshi; Tsunoda, Yoshito; Huno, Takakazu; Takasago, Masahiro; and Mizoguchi, Yasumitsu, 4,554,652, Cl. 369-44.000.

Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, to Elektroschmelzwerk Kempten GmbH. Dense shaped articles consisting of polycrystalline hexagonal boron nitride and process for their manufacture by isostatic hot pressing. 4,495,123, 1-22-85, Cl. 264-69.000.

Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, to Elektroschmelzwerk Kempten GmbH. Refractory, electrically conductive, mixed materials containing boron nitride and process for their manufacture. 4,528,120, 7-9-85, Cl. 252-516.000.

Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, to Elektroschmelzwerk Kempten GmbH. Substantially pore-free shaped articles of polycrystalline silicon carbide, and a process for their manufacture by isostatic hot-pressing. 4,560,668, 12-24-85, Cl. 501-92.000.

Hunold, Klaus: *See—*
  Schwetz, Karl A.; Reinmuth, Klaus; Hunold, Klaus; and Isemann, Franz, 4,524,138, Cl. 501-90.000.

Hunsberger, Enos R.: *See—*
  Heidler, Lester D.; Styer, Richard D.; and Hunsberger, Enos R., 4,541,930, Cl. 210-344.000.

Hunsinger, Werner: *See—*
  Echtler, Theodor; Quinot, Martin; and Hunsinger, Werner, 4,493,122, Cl. 14-2.400.

Hunsucker, Paul D., to Shell Oil Company. Apparatus for calibrating a pyrometer. 4,502,792, 3-5-85, Cl. 374-1.000.

Hunsucker, William A. Roll restraint of anchored vessel. 4,531,471, 7-30-85, Cl. 114-293.000.

Hunt, Al E.; Chandler, Richard A.; and Ward, Robert J., to Wiseda Ltd. Off-highway dump truck. 4,531,781, 7-30-85, Cl. 298-22.00P.

Hunt, Alfred: *See—*
  Elrick, Edwin, 4,544,079, Cl. 220-277.000.

Hunt, Arlon J.; Hansen, Leif J.; and Evans, David B., to United States of America, Energy. Solar heat receiver. 4,499,893, 2-19-85, Cl. 126-449.000.

Hunt, C. Anthony; and Papahadjopoulous, Demetrios P., to University of California, The Regents of the. Method for producing liposomes in selected size range. 4,529,561, 7-16-85, Cl. 264-4.300.

Hunt, Charles d'A., to Demetron, Inc. Method for high vacuum casting. 4,558,729, 12-17-85, Cl. 164-122.000.

Hunt, Charles d'A.: *See—*
  Fletcher, Archibald W.; and Hunt, Charles d'A., 4,518,418, Cl. 75-10.00R.

Hunt, Charles V.: *See—*
  Holtmyer, Marlin D.; Harris, Phillip C.; and Hunt, Charles V., 4,519,455, Cl. 166-305.00R.
  Holtmyer, Marlin D.; Harris, Phillip C.; and Hunt, Charles V., 4,554,082, Cl. 252-8.55R.

Hunt, David J., to International Computers Limited. Apparatus for decoding run-length encoded data. 4,551,706, 11-5-85, Cl. 340-347.0DD.

Hunt, Donald E., to Ballwin-Washington, Inc. Serviceable valve construction. 4,492,210, 1-8-85, Cl. 123-568.000.

Hunt, George F.: *See—*
  Pittman, Luther B.; Agner, Jennings M.; and Hunt, George F., 4,513,756, Cl. 131-111.000.

Hunt, Joe: *See—*
  Miller, Clyde; Hunt, Joe; and Wagner, Mark, 4,504,857, Cl. 358-99.000.

Hunt, John W.; and Patterson, Michael S., to Ontario Cancer Institute, The. Ultrasonic imaging device. 4,495,817, 1-29-85, Cl. 73-624.000.

Hunt, Joseph M., to Allegheny Ludlum Steel Corporation. Method for producing semiconductor devices. 4,503,089, 3-5-85, Cl. 427-86.000.

Hunt, Joseph M., to Allegheny Ludlum Steel Corporation. Corrosion-resistant tube assembly. 4,524,996, 6-25-85, Cl. 285-55.000.

Hunt, Larry J.: *See—*
  Campbell, Willis R.; Hunt, Larry J.; and Waldrop, T. William, 4,508,359, Cl. 280-463.000.

Hunt Manufacturing Co.: *See—*
  Bush, Thomas J.; Dellinger, Charles L.; and Fregeolle, Gerald P., 4,534,109, Cl. 30-260.000.
  Godfrey, Steven W.; Stern, Allen M.; and MacGregor, Fran W., 4,511,111, Cl. 248-459.000.
  Turnbull, Clyde D., 4,555,150, Cl. 312-250.000.

Hunt, Michael S., to South African Inventions Development Corporation. Power transmission system. 4,534,169, 8-13-85, Cl. 60-414.000.

Hunt, Patricia K.; and Waisala, Steven J., to Standard Oil Company, The. Mineral sample preservation process. 4,505,161, 3-19-85, Cl. 73-863.000.

Hunt, Paul R.; and DuBois, Chester G., to Outboard Marine Corporation. Vent system. 4,506,649, 3-26-85, Cl. 123-576.000.

Hunt, Peter: *See—*
  Sharpe, Raymond; Griffiths, Trevor J.; and Hunt, Peter, 4,537,578, Cl. 464-31.000.

Hunt, Richard B.; Dancy, William B.; and Alexander, James B., to International Minerals & Chemical Corp. Dynamate II mineral nutrition supplement. 4,540,577, 9-10-85, Cl. 424-153.000.

Hunt, Ronald E.; and Jenkins, William M., to International Business Machines Corporation. Duplexing paper handling system. 4,506,881, 3-26-85, Cl. 271-277.000.

Hunt, Steven A., to De La Rue Systems Limited. Apparatus for detecting the condition of a sheet or web. 4,519,249, 5-28-85, Cl. 73-596.000.

Hunt, Stuart B. D.; Chandler, Philip B.; and Harrison, Thomas L., to Avery International Corporation. Curl free reinforced paper sheet technique. 4,528,056, 7-9-85, Cl. 156-253.000.

Hunt, Thomas K., to Ford Motor Company. Internal-integral sodium return line for sodium heat engine. 4,510,210, 4-9-85, Cl. 429-11.000.

Hunt, Thomas K.; Goodson, William H., III; Chang, Ning; Knighton, David R.; Gottrup, Finn; and Firmin, Richard, to University of California, The Regents of the. Method of direct tissue gas tension measurement and apparatus therefor. 4,512,349, 4-23-85, Cl. 128-632.000.

Hunt, Thomas K.: *See—*
  Banda, Michael J.; Werb, Zena; Knighton, David R.; and Hunt, Thomas K., 4,503,038, Cl. 424-95.000.

Hunt-Wesson Foods, Inc.: *See—*
  Beckstrom, Ronald D.; and Anderson, Chester C., 4,494,682, Cl. 222-551.000.
  Cage, James K.; and Villena, Edgardo I., 4,545,953, Cl. 264-533.000.

Hunt, Willard F.: *See—*
  Richey, Joseph B.; Wake, Robert H.; Walters, Ronald G.; Hunt, Willard F.; and Cool, Steven L., 4,547,892, Cl. 378-8.000.

Hunt, William C.: *See—*
  Rickert, David W.; Wilkinson, Richard A., Jr.; and Hunt, William C., 4,502,136, Cl. 369-271.000.

Wilkinson, Richard A., Jr.; Hunt, William C.; and Rickert, David W., 4,542,426, Cl. 360-97.000.

Hunt, William V.; Coletta, John A.; Howling, Richard J.; and Higgs, Leonard, to Mediscus Products Limited. Support appliance for mounting on a standard hospital bed. 4,525,885, 7-2-85, Cl. 5-453.000.

Hunter, Arthur C.: *See—*

Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,495,592, Cl. 364-754.000.

Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,519,045, Cl. 364-709.000.

Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,521,868, Cl. 364-753.000.

Hunter Associates Laboratory, Inc.: *See—*

Rife, Douglas D., 4,529,308, Cl. 356-323.000.

Hunter, Billy D. Modular passive solar heating system. 4,505,261, 3-19-85, Cl. 126-433.000.

Hunter, Burnis L., to Sewell Plastics, Inc. Nozzle assembly. 4,552,527, 11-12-85, Cl. 425-535.000.

Hunter, Byron A.; Rowland, Donald G.; and Peascoe, Warren J., to Uniroyal, Inc. Nitro urea based blowing agents. 4,554,294, 11-19-85, Cl. 521-93.000.

Hunter, Charles L.; Fuller, Payton D.; and Mutchler, David K., to Teledyne Industries, Inc. Water filters. 4,556,484, 12-3-85, Cl. 210-90.000.

Hunter, Don L., to United States Borax & Chemical Corporation. N-hexamethyleneimino thiolcarbamate compounds. 4,496,483, 1-29-85, Cl. 260-239.0BF.

Hunter Douglas Inc.: *See—*

Anderson, Richard N., 4,493,357, Cl. 160-174.000.

Anderson, Richard N., 4,502,523, Cl. 160-174.000.

Anderson, Richard N., 4,513,804, Cl. 160-174.000.

Anderson, Richard N., 4,515,201, Cl. 160-174.000.

Anderson, Richard N., 4,522,245, Cl. 160-177.000.

Anderson, Richard N., 4,537,004, Cl. 52-788.000.

Anderson, Richard N., 4,541,468, Cl. 160-177.000.

Hunter Douglas Industries B.V.: *See—*

Anderson, Richard N., 4,543,699, Cl. 29-24.500.

Hunter Douglas International N.V.: *See—*

Edixhoven, Gerardus H., 4,514,886, Cl. 29-24.500.

Edixhoven, Gerardus H., 4,538,330, Cl. 29-24.500.

Gaillard, Adrianus J. C.; and Anderson, Richard N., 4,516,300, Cl. 29-24.500.

Gaillard, Adrianus J. C.; and Anderson, Richard N., 4,545,100, Cl. 29-24.500.

Oskam, Herman, 4,529,025, Cl. 160-178.00R.

Vecchiarelli, Francis, 4,552,196, Cl. 160-174.000.

Hunter, Douglas L., to Dow Chemical Company, The. Method of preparing tetrarhodium dodecacarbonyl. 4,514,380, 4-30-85, Cl. 423-417.000.

Hunter, Douglas L.: *See—*

Hefner, Robert E., Jr.; and Hunter, Douglas L., 4,560,768, Cl. 548-435.000.

Hunter, Edwin J., to Toro Company, The. Hose end pattern sprinkler. 4,501,391, 2-26-85, Cl. 239-97.000.

Hunter Enterprises Orillia Limited: *See—*

Richmond, Iain J.; Wong, David; Puust, Ants; and Oldham, James A., 4,517,903, Cl. 110-233.000.

Hunter, George L. K.; Dennison, Daniel B.; and Stephens, Charles E., to Coca-Cola Company, The. Hydration drying process. 4,537,637, 8-27-85, Cl. 127-60.000.

Hunter, George S.; Walker, Brian; and Merrie, Kenneth, to Process Scientific Innovations Limited. Filters for purification of gases. 4,559,066, 12-17-85, Cl. 55-274.000.

Hunter, Iain: *See—*

Craig, Robert L.; Hunter, Iain; and Packard, Paul D., 4,561,063, Cl. 364-559.000.

Hunter, James D.; and Smith, James J., to Xomed, Inc. Microscope drape. 4,561,540, 12-31-85, Cl. 206-305.000.

Hunter, James R.; and Lazzarotti, S. James, to Warner & Swasey Company, The. Bridge type punch press. 4,503,741, 3-12-85, Cl. 83-549.000.

Hunter, James R., to Warner & Swasey Company, The. Sheet metal workholder utilizing linear wedge action. 4,515,355, 5-7-85, Cl. 269-234.000.

Hunter, James R.; and Lazzarotti, S. James, to Warner & Swasey Company, The. Universal sheet metal holder. 4,519,284, 5-28-85, Cl. 83-410.000.

Hunter, Joe M., to Celanese Corporation. Process for preparing epoxy resins having low hydrolyzable chlorine contents. 4,535,150, 8-13-85, Cl. 528-489.000.

Hunter, John E., to Procter & Gamble Company, The. Sterilization and stabilization process for meat analog products. 4,539,212, 9-3-85, Cl. 426-325.000.

Hunter, John E.: *See—*

Bruno, David J., Jr.; Dodds, Michael J.; Fuqua, Debra L.; and Hunter, John E., 4,560,564, Cl. 426-250.000.

Hunter, John J. Pipe coupling joint. 4,541,655, 9-17-85, Cl. 285-55.000.

Hunter, Kelvin H., Jr., to Paralyzed Veterans of America. Power operated wheelchair ramp. 4,559,659, 12-24-85, Cl. 14-71.300.

Hunter, Kent; and Hunter, Lawrence D. Security fence system. 4,518,953, 5-21-85, Cl. 340-564.000.

Hunter, Larry D. Solar energy collecting system using a primary reflector based on a pyramid structure. 4,509,501, 4-9-85, Cl. 126-439.000.

Hunter, Lawrence D.: *See—*

Hunter, Kent; and Hunter, Lawrence D., 4,518,953, Cl. 340-564.000.

Hunter, Patrick F.: *See—*

Redding, John R.; and Hunter, Patrick F., 4,521,149, Cl. 414-44.000.

Hunter, Robert D.: *See—*

Carroll, Gary T.; and Hunter, Robert D., 4,549,264, Cl. 364-406.000.

Hunter, Robert O.; and Fried, David L. High energy laser. 4,498,051, 2-5-85, Cl. 330-4.300.

Hunter, Stephen K.: *See—*

Gregonis, Donald E.; Stephen, Robert L.; Coleman, Dennis L.; Hunter, Stephen K.; Hanover, Barry K.; and Harrow, Jeffrey J., 4,557,724, Cl. 604-49.000.

Hunter, Steven L.: *See—*

Friedman, Ernest H.; Sanders, Gary G.; and Hunter, Steven L., 4,543,957, Cl. 128-630.000.

Hunter, Travis L. Masking paper and tape dispenser. 4,508,587, 4-2-85, Cl. 156-527.000.

Hunter, Warwick A.: *See—*

Robinson, Allan F.; and Hunter, Warwick A., 4,523,385, Cl. 33-296.000.

Hunter, William E., Jr.: *See—*

Doty, Gerald A.; and Hunter, William E., Jr., 4,550,474. Cl. 24-633.000.

Hunter, William L.; and Theobald, Paul R., to Motorola, Inc. Self-positioning heat spreader. 4,541,005, 9-10-85, Cl. 357-81.000.

Hunter, William R.: *See—*

Pollack, Gordon P.; Teng, Clarence; and Hunter, William R., 4,538,343, Cl. 29-576.00W.

Hunter, Wood E.; and Craun, Gary P., to Calgon Corporation. Method for producing free-flowing, water-soluble polymer gels. 4,525,509, 6-25-85, Cl. 524-141.000.

Hunter's Specialties, Inc.: *See—*

Forbes, David R.; and Forbes, Carman S., 4,539,772, Cl. 43-3.000.

Hunting Oilfield Services (UK) Limited: *See—*

Lumsden, Norman; and Phillips, Brian K., 4,525,001, Cl. 285-328.000.

Lumsden, Norman; and Phillips, Brian K., 4,561,683, Cl. 285-381.000.

McGugan, John D., 4,547,003, Cl. 285-27.000.

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- Huret, Alain P. B., legal representative: *See*—
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- Huret et ses Fils: *See*—
  - Coue, Maurice E. L., 4,494,944, Cl. 474-82.000.
  - Coue, Maurice E. L., 4,516,961, Cl. 474-80.000.
  - Coue, Maurice E. L., 4,517,450, Cl. 235-95.00R.
  - Coue, Maurice E. L., 4,529,395, Cl. 474-82.000.
  - Coue, Maurice E. L., 4,534,238, Cl. 74-489.000.
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  - Huret, Roger, deceased; Huret, Alain P. B., legal representative; and Huret, Gerard, legal representative, 4,493,489, Cl. 280-238.000.
- Huret, Gerard, legal representative: *See*—
  - Huret, Roger, deceased; Huret, Alain P. B., legal representative; and Huret, Gerard, legal representative, 4,493,489, Cl. 280-238.000.
- Huret, Noel; and Meunier, Jean, to Cegedur Societe de Transformation de l'Aluminium Pechiney. Inserts for pistons of diesel engines of aluminum-silicon alloys having an improved thermal resistance and machinability. 4,537,161, 8-27-85, Cl. 123-41.710.
- Huret, Noel: *See*—
  - Eudier, Michel; Huret, Noel; and Meunier, Jean, 4,537,167, Cl. 123-193.00C.
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- Hurlemann, Ernst: *See*—
  - Bruderer, Werner; Brieger, Hans; and Hurlemann, Ernst, 4,550,641, Cl. 89-12.000.
- Hurley, Donald L.: *See*—
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- Hurley, James E.: *See*—
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- Hurley, James R.; Searight, Edward F.; and Nunes, Maurice, to Thermo Electron Corporation. Radiant/conductive broiler. 4,493,308, 1-15-85, Cl. 126-41.00R.
- Hurley, James R., to McGraw-Edison Company. Power theft detection circuit. 4,532,471, 7-30-85, Cl. 324-110.000.
- Hurley, James R.: *See*—
  - Birkner, Joseph R.; Nunes, Maurice; and Hurley, James R., 4,552,123, Cl. 126-369.000.
  - Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., 4,535,409, Cl. 364-481.000.
- Hurley, Kenneth L.: *See*—
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- Hurley Moate Engineering Company Limited: *See*—
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- Hurley, Patrick J.: *See*—
  - Barnes, Johnny G.; Hooten, John A.; Hurley, Patrick J.; and Miller, Ernest L., 4,525,806, Cl. 364-900.000.
- Hurley, Timothy R.: *See*—
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  - Bunge, Richard H.; French, James C.; Hurley, Timothy R.; Smitka, Tim A.; and Tunac, Josefino B., 4,530,835, Cl. 424-117.000.
- Hurner, Erwin E. Oil cleaning and recycling system. 4,495,909, 1-29-85, Cl. 123-196.00R.
- Hurner, Erwin E. Lubricating oil monitor. 4,522,167, 6-11-85, Cl. 123-196.00S.
- Hurner, Erwin E. Engine detecting device. 4,542,718, 9-24-85, Cl. 123-41.150.
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- Hurnik, Helmut: *See*—
  - Breidenbach, Peter; Hurnik, Helmut; and Pedain, Josef, 4,518,729, Cl. 524-101.000.
  - Lindner, Christian; Ott, Karl-Heinz; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,743, Cl. 525-80.000.
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  - Rink, Richard H., 4,536,037, Cl. 299-92.000.
- Hurps, Richard L.; and Suh, Kyung W., to Dow Chemical Company, The. Combination blowing agent and filler for thermoplastic foams. 4,559,367, 12-17-85, Cl. 521-79.000.
- Hurri-Kleen Corporation: *See*—
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- Hurschler-Flury, Alois: *See*—
  - Bieli-Moschlin, Ruedi; and Hurschler-Flury, Alois, 4,555,926, Cl. 72-392.000.
- Hurst, Andrew C. S.; and Hurst, Nicholas J. Adjustable socket. 4,528,875, 7-16-85, Cl. 81-185.000.
- Hurst, Boyd E.: *See*—
  - Dean, Anthony M.; DeGregoria, Anthony J.; Hardy, James E.; Hurst, Boyd E.; and Lyon, Richard K., 4,507,269, Cl. 423-235.000.
- Hurst, David C.: *See*—
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- Hurst, David R.: *See*—
  - Atkinson, Alan W.; Hurst, David R.; and Somerfield, Kenneth T., 4,530,949, Cl. 523-512.000.
- Hurst, Fred J., Jr., to United States of America, Energy. Reductive stripping process for uranium recovery from organic extracts. 4,500,493, 2-19-85, Cl. 423-10.000.
- Hurst, Jeffrey B.: *See*—
  - Bradley, Jerome R.; Halvorsen, Robert M.; Hurst, Jeffrey B.; and Long, Gregory F., 4,491,272, Cl. 239-5.000.
- Hurst, Jerry C.: *See*—
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- Hurst, Jim; and May, Josephine B., to Beecham Group p.l.c. 5- and/or 7-substituted pyrazolo-[4,3-b]-pyridines and their use as antiinflammatory agents. 4,559,348, 12-17-85, Cl. 514-303.000.
- Hurst, John, to W. R. Grace Limited. Insulating material. 4,539,262, 9-3-85, Cl. 428-407.000.
- Hurst, Nicholas J.: *See*—
  - Hurst, Andrew C. S.; and Hurst, Nicholas J., 4,528,875, Cl. 81-185.000.
- Hurst, Peter. Web splicing apparatus. 4,518,127, 5-21-85, Cl. 242-58.300.
- Hurst, Robert N., to RCA Corporation. System for synchronizing a video signal having a first frame rate to a second frame rate. 4,523,227, 6-11-85, Cl. 358-105.000.
- Hurst, Robert N., to RCA Corporation. Color modifier for composite video signals. 4,533,938, 8-6-85, Cl. 358-27.000.
- Hurst, Robert N., Jr., to RCA Corporation. Independent fleshtone contours. 4,506,293, 3-19-85, Cl. 358-37.000.
- Hurst, Robert N., Jr., to RCA Corporation. Video apparatus with burst locked heterodyne chroma converter and residual time base error correction. 4,520,402, 5-28-85, Cl. 358-324.000.
- Hurst, Robert N., Jr.; and Dischert, Robert A., to RCA Corporation. Apparatus for correcting errors in color signal transitions. 4,553,157, 11-12-85, Cl. 358-27.000.
- Hurst, Robert N., Jr.; and Plotnick, Michael A., to RCA Corporation. Video disc encoding and decoding system providing intra-infield track error correction. 4,562,487, 12-31-85, Cl. 358-342.000.
- Hurst, Stanley A., to International Harvester Company. Foldable throttle control linkage for a tiltable truck cab. 4,534,443, 8-13-85, Cl. 180-328.000.
- Hurt, Henry W.; and May, Charles F., to Reynolds, John Barryman, a part interest. Drive for elevating mechanism. 4,530,174, 7-23-85, Cl. 37-8.000.
- Hurt, William B.: *See*—
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- Hurta, Gary L.; Milberger, Lionel J.; and Williams, Alford M., to Combustion Engineering, Inc. Hydraulic control of subsea well equipment. 4,497,369, 2-5-85, Cl. 166-368.000.
- Hurtado, Ruben G. Lathe dust enclosure. 4,514,936, 5-7-85, Cl. 51-270.000.
- Hurter, Max, to Babcock Electro-Mechanical, Inc. Armature/contact system. 4,554,521, 11-19-85, Cl. 335-125.000.
- Hurter, Rudolf: *See*—
  - Schwander, Hansrudolf; and Hurter, Rudolf, 4,562,249, Cl. 534-641.000.
- Hurtig, Karl. Switching apparatus for changing the absolute value and the permanent magnetization direction of ferromagnetic bodies, e.g. of permanent magnets. 4,497,011, 1-29-85, Cl. 361-147.000.
- Hurtubise, Gerard. Pipe hanger. 4,524,936, 6-25-85, Cl. 248-62.000.
- Hurtz, Georg; and Vogts, Heinz P., to Wirth Maschinen- und Bohrgerate-Fabrik GmbH. Method for sinking boreholes. 4,548,282, 10-22-85, Cl. 175-61.000.
- Hurukado, Tatuhiko: *See*—
  - Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.
- Hurvitz, James S. System for controlling the operation of a camera and projector. 4,549,796, 10-29-85, Cl. 352-133.000.
- Hurwitt, Steven D.: *See*—
  - Class, Walter H.; Hurwitt, Steven D.; and Hill, Michael L., 4,525,262, Cl. 204-192.00R.
- Hurwitz, Scott L., to Magnum Shielding Corp. Sheathing system for automotive or marine ignition wires. 4,494,520, 1-22-85, Cl. 123-633.000.
- Husain, Anwar, to Micronix Partners. Mask alignment apparatus. 4,544,311, 10-1-85, Cl. 409-224.000.
- Husain, Syed, to National Semiconductor Corporation. Self-aligning apparatus for semiconductor lead frame processing means. 4,505,225, 3-19-85, Cl. 118-669.000.
- Husak, Leonid: *See*—
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- Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, to Koh-i-noor Bilovec, norodni podnik. Ice skate. 4,549,742, 10-29-85, Cl. 280-11.180.
- Husar, Dieter: *See*—
  - Polaschegg, Hans-Dietrich; and Husar, Dieter, 4,508,622, Cl. 210-96.200.

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Husbands, G. E. Morris; Yardley, John P.; and Muth, Eric A., to American Home Products Corporation. 2-phenyl-2-(1-hydroxycycloalkyl or 1-hydroxycycloalk-2-enyl)ethylamine derivatives. 4,535,186, 8-13-85, Cl. 564-336.000.

Huschelrath, Gerhard; and Lein, Wilfried, to NUKEM GmbH. Testing arrangement for ferromagnetic bodies including magnetic field detectors extending between two pairs of poles of magnetic field generators spaced longitudinally along the body. 4,538,108, 8-27-85, Cl. 324-232.000.

Huscher, Georg. Method and apparatus for rating hits on targets. 4,523,761, 6-18-85, Cl. 273-371.000.

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Huseby, Irvin C.; and Bobik, Carl F., to General Electric Company. High thermal conductivity aluminum nitride ceramic body. 4,533,645, 8-6-85, Cl. 501-96.000.

Huseby, Irvin C.; and Bobik, Carl F., to General Electric Company. High thermal conductivity aluminum nitride ceramic body. 4,547,471, 10-15-85, Cl. 501-98.000.

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Husky Corporation: *See—*

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Husky Injection Molding Systems Ltd.: *See—*

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Brown, Paul P., 4,556,377, Cl. 425-138.000.

Schad, Robert D.; and Rees, Herbert, 4,522,581, Cl. 425-534.000.

Husky Oil Operations Ltd.: *See—*

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Husler, Rinaldo; Rutsch, Werner; and Dietliker, Kurt, to Ciba-Geigy Corporation. Process for the photopolymerization of unsaturated compounds. 4,498,964, 2-12-85, Cl. 204-159.230.

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Hussar, Gary. Modular building construction system. 4,546,583, 10-15-85, Cl. 52-236.100.

Hussey, Douglas: *See—*

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Hussey, Ian G., to Environmental Equipment Corporation. Wayside wheelchair lift. 4,499,970, 2-19-85, Cl. 187-9.00R.

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Hussey Manufacturing Company: *See—*

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Husslein, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Control of unwanted plant growth with 2-aryloxy-2-azolylalkanecarboxamides. 4,515,623, 5-7-85, Cl. 71-12.000.

Husslein, Gerd; Hamprecht, Gerhard; Koenig, Karl-Heinz; Boehm, Walter; and Gaeng, Manfred, to BASF Aktiengesellschaft. Preparation of chlorinated phenoxyalkanoic acids. 4,515,985, 5-7-85, Cl. 562-472.000.

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Hussmann Corporation: *See—*

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DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., 4,503,685, Cl. 62-193.000.

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Phillips, Parker V.; Lakdawala, Ness; and Lecompte, Michel, 4,519,217, Cl. 62-256.000.

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Husted, Royce H., to Shiber, Samuel. Expandible sprocket. 4,493,678, 1-15-85, Cl. 474-164.000.

Husted, Royce H., to Husted, Royce H.; and Shiber, Samuel. Incrementally variable transmission. 4,521,207, 6-4-85, Cl. 474-56.000.

Huster, Bernhard, to Deutsche Geratebau GmbH. Installation for measuring liquid quantities. 4,526,032, 7-2-85, Cl. 73-245.000.

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Huston, Dennis L.; Kardashian, Vahram S.; and Mones, Arthur H., to Honeywell Inc. Selective process for etching chromium. 4,498,954, 2-12-85, Cl. 156-651.000.

Huszagh, Donald W., to United States of America, Energy. Machine for applying a two component resin to a roadway surface. 4,529,127, 7-16-85, Cl. 239-112.000.

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Hutcheon, Ronald M., to Atomic Energy of Canada Limited. Off-axis electron gun. 4,543,509, 9-24-85, Cl. 313-454.000.

Hutcheson, Don S., to United States of America, Navy. Fuel air explosive device. 4,493,262, 1-15-85, Cl. 102-363.000.

Hutchin, Richard A., to Novon, Inc. Method and apparatus for three frame range imaging. 4,499,492, 2-12-85, Cl. 358-107.000.

Hutchin, Richard A.; and Bradley, William C., to Itek Corporation. Beam former having variable delays between LED output signals. 4,503,336, 3-5-85, Cl. 250-578.000.

Hutchin, Richard A., to Itek Corporation. Combined shearing interferometer and Hartmann wavefront sensor. 4,518,854, 5-21-85, Cl. 250-201.000.

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Hutchings, Ron; Loitzl, Ruzica; and Muller, Klaus, to BBC Brown, Boveri & Company, Limited. Catalyst for coating anodes and a process for its preparation. 4,513,102, 4-23-85, Cl. 502-325.000.

Hutchins, Burleigh M.; Dunlap, Raymond R.; and Abrahams, Louis, to Zymark Corporation. Robot and control system. 4,507,044, 3-26-85, Cl. 414-744.00R.

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- Hutchins, John S.; and DeFours, Mervyn A., to Tetra Systems, Inc. Hydraulic logging technique for inverted oil wells. 4,495,992, 1-29-85, Cl. 166-250.000.
- Hutchins, Johnnie R.: *See*—
  - de Lorenzo, Mark X.; Hoffpauir, Charles R.; Hutchins, Johnnie R.; Meyer, Timmy R.; Page, John E.; and Poehl, Michael E., 4,535,134, Cl. 526-88.000.
- Hutchins, Nancy K., executrix: *See*—
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- Hutchins, Richard D.: *See*—
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- Hutchins, Thomas B., deceased: *See*—
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- Hutchinson: *See*—
  - Bernuchon, Marc; Pompei, Michel; and Gregoire, Daniel, 4,511,126, Cl. 267-140.100.
  - Tavin, Gerard, 4,516,421, Cl. 72-354.000.
- Hutchinson, Daniel M. Wall display device. 4,497,125, 2-5-85, Cl. 40-10.00R.
- Hutchinson, Francis G.: *See*—
  - Churchill, Jeffrey R.; and Hutchinson, Francis G., 4,526,938, Cl. 525-415.000.
- Hutchinson, Franklin D.: *See*—
  - Schmidt, William P.; and Hutchinson, Franklin D., 4,500,063, Cl. 248-475.100.
- Hutchinson-Hayes International, Inc.: *See*—
  - Hensley, Gary L.; Van Dokkum, Jan; Groeneweg, Adrianus; and Stolk, Gerritt, 4,557,142, Cl. 73-153.000.
- Hutchinson, Martin A.; Shaw, R. Howard; and Coad, George, to Varian Associates, Inc. Transfer plate rotation system. 4,548,699, 10-22-85, Cl. 204-298.000.
- Hutchinson, Nancy K.: *See*—
  - Knudson, Giltner J., 4,519,334, Cl. 114-144.00R.
- Hutchinson S.A.: *See*—
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- Hutchison, Alan J., to Pfizer Inc. Imidazolidinedione derivatives. 4,533,667, 8-6-85, Cl. 514-278.000.
- Hutchison, David A., to Atlantic Richfield Company. Stabilization of hydrocracked oils against UV-light degradation with certain dihydroxy components. 4,498,998, 2-12-85, Cl. 252-52.00R.
- Hutchison, Gary A. Aluminum composite spar wing structure and method of assembly. 4,535,958, 8-20-85, Cl. 244-123.000.
- Hutchison, James B.: *See*—
  - Roberts, Thomas P.; Howard, Albert R.; and Hutchison, James B., 4,496,801, Cl. 179-175.30R.
- Hutchison, James M. S.: *See*—
  - Edelstein, William A.; Hutchison, James M. S.; Johnson, Glyn; Redpath, Thomas W. T.; and Mallard, John R., 4,506,222, Cl. 324-309.000.
- Hutchison, John B., to BICC Public Limited Company. Electric cable glands. 4,515,991, 5-7-85, Cl. 174-65.0SS.
- Hutchison, Joseph A. Locking means for solar collector. 4,508,426, 4-2-85, Cl. 350-614.000.
- Hutchison, Stanley O.: *See*—
  - Dickinson, Ben W. O., III; Dickinson, Robert W.; and Hutchison, Stanley O., 4,527,639, Cl. 175-61.000.
- Hutchison, Wanda S.: *See*—
  - Lance, Clyde E.; and Hutchison, Wanda S., 4,516,827, Cl. 350-96.150.
- Hutchison, Wayne R., to Deere & Company. Riding mower linkage. 4,490,965, 1-1-85, Cl. 56-11.600.
- Huth, Joseph F., III, to Spang & Company. Adjustable air gap ferrite structures and methods of manufacture. 4,523,170, 6-11-85, Cl. 336-83.000.
- Huth, Joseph F., III: *See*—
  - Olmsted, Robert W.; and Huth, Joseph F., III, 4,511,872, Cl. 336-83.000.
  - Olmsted, Robert W.; and Huth, Joseph F., III, 4,558,295, Cl. 336-83.000.
- Huth, Klaus: *See*—
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- Huth, Manfred K. O.: *See*—
  - Fricke, Reinhard L.; Hinze, Klaus; Huth, Manfred K. O.; and Wisskirchen, Klaus B., 4,514,609, Cl. 200-159.00A.
- Huth, Robert M. Two-wheeled vehicle kickstand support pad. 4,521,031, 6-4-85, Cl. 280-293.000.
- Huther, Gerhard: *See*—
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- Huther, Werner, to MTU Motoren-und Turbinen-Union Munchen GmbH. Method of manufacture silicon nitride ceramic molded articles. 4,500,482, 2-19-85, Cl. 264-65.000.
- Huther, Werner; and Rossmann, Axel, to MTU Motoren-und Turbinen-Union Munchen GmbH. Multiple-layer wall for a hollow body and method for manufacturing same. 4,511,612, 4-16-85, Cl. 428-36.000.
- Huther, Werner, to MTU Motoren-und Turbinen-Union GmbH. Piston arrangement, particularly for an internal combustion engine. 4,548,125, 10-22-85, Cl. 92-187.000.
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  - Betz, Wolfgang; and Huther, Werner, 4,539,231, Cl. 427-255.000.
- Huthmacher, Edward A. Universal wheeled assembly for grass trimmers. 4,531,350, 7-30-85, Cl. 56-17.500.
- Huthmacher, Klaus: *See*—
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- Hutschenreuter, Elfried: *See*—
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- Hutschenreuter, Elfriede: *See*—
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- Hutschenreuther AG: *See*—
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  - Buhler, Eugen; Strobel, Klaus; and Schwarzmeier, Karl, 4,560,336, Cl. 425-78.000.
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- Hutson, Donald G., to Cal Detect, Inc. Method of standardizing IR breath alcohol device. 4,495,418, 1-22-85, Cl. 250-343.000.
- Hutson, Floyd E., to Medical Designs, Inc. Universal leg brace system. 4,494,534, 1-22-85, Cl. 128-80.00F.
- Hutson, Harold K., to Knytex Proform. Biased multi-layer structural fabric composites stitched in a vertical direction. 4,550,045, 10-29-85, Cl. 428-102.000.
- Hutson, James H. Hydraulic fed log debarker. 4,522,242, 6-11-85, Cl. 144-208.00E.
- Hutson, Thomas, Jr., to Phillips Petroleum Company. Catalytic alkylation of hydrocarbons. 4,500,490, 2-19-85, Cl. 422-62.000.
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- Hutson, Timothy B.: *See*—
  - Hughes, Kenneth E.; Hutson, Timothy B.; and Fink, David J., 4,544,516, Cl. 264-108.000.
- Hutson, Tom, Jr.; and Hann, Paul D., to Phillips Petroleum Company. Combination alkylation-etherification process. 4,544,777, 10-1-85, Cl. 568-697.000.
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  - Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, 4,492,598, Cl. 71-93.000.
- Hutten, Heinrich: *See*—
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- Huttenes-Albertus Chemische Werke GmbH: *See*—
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- Hutter, Charles G., III, to Physical Systems, Inc. Freezeproof valve assembly. 4,520,836, 6-4-85, Cl. 137-59.000.
- Hutter, Gerald, to Herfurth GmbH. Absorber. 4,529,911, 7-16-85, Cl. 315-39.000.
- Hutter, Heinrich, to U.S. Philips Corporation. Drum-shaped scanning device. 4,507,696, 3-26-85, Cl. 360-109.000.
- Hutter, Helmut; and Maier, Heinz, to Siemens Aktiengesellschaft. Disturbance detection and recording system. 4,558,379, 12-10-85, Cl. 360-32.000.
- Hutter, Herwig: *See*—
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- Huttereer, Max: *See*—
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- Huttinger, Manfred; Steffen, Horst-Gunter; Volkel, Karl-Heinz; and Wutz, Karl, to Robert Bosch GmbH. Ignition coil cable connection arrangement for an internal combustion engine. 4,528,971, 7-16-85, Cl. 123-634.000.
- Huttinger, Manfred: *See*—
  - Buchschmid, Emil; Gademann, Lothar; Hirt, Adam; Huttinger, Manfred; Jahn, Hans P.; Orova, Josef; Schmid, Hans-Dieter; and Steffen, Horst-Gunter, 4,561,410, Cl. 123-599.000.
- Huttlin, Herbert, to Condair AG. Device and process for precipitating foreign matter from a gas stream. 4,545,792, 10-8-85, Cl. 55-241.000.
- Hutto, Joe D., to Masco Corporation of Indiana. Diverter valve. 4,523,604, 6-18-85, Cl. 137-102.000.
- Hutton, James E.: *See*—
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- Hutton, Thomas W.; and Lavelle, Joseph A., to Rohm and Haas Company. Acrylic polymers solutions for use in forming a membrane for curing concrete and the like. 4,507,454, 3-26-85, Cl. 526-317.000.
- Huttunen, Jouko: *See*—
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- Serrie, Gerard J. J.; and Huvet, Jean-Marie, 4,544,980, Cl. 361-45.000.

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- Clark, Edward C.; and Huxtable, Douglas D., 4,532,778, Cl. 62-477.000.

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Hwan, Eugene J.; and Kajfez, Darko, to Harris Corporation. Microwave oscillator with TM01δ dielectric resonator. 4,521,746, 6-4-85, Cl. 331-96.000.

Hwang, Blake. Combined combination and key-type lock. 4,557,122, 12-10-85, Cl. 70-312.000.

Hwang, Chong S.; and Lampert, Barry, to Rab Tec Products Corp. Connection of tray to dental articulator. 4,496,320, 1-29-85, Cl. 433-60.000.

Hwang, Eddie Y.; Szabo, Andras I.; and Shung, Wu-Shi, to Westinghouse Electric Corp. Turbine valve control system. 4,554,788, 11-26-85, Cl. 60-646.000.

Hwang, Eddie Y.; Shung, Wu-Shi; and Osborne, Robert L., to Westinghouse Electric Corp. Stuck pushbutton contingency operation for a steam turbine control system. 4,558,569, 12-17-85, Cl. 60-657.000.

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- Okamoto, Yoshiyuki; and Hwang, Edward F., 4,511,702, Cl. 526-90.000.
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Hwang, James C., to AT&T Bell Laboratories. III-V based semiconductor devices and a process for fabrication. 4,493,142, 1-15-85, Cl. 29-575.000.

Hwang, James C., to AT&T Bell Laboratories. Method of substrate heating for deposition processes. 4,514,250, 4-30-85, Cl. 156-610.000.

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Hwang, Jong-Yeong H.; Thayer, Stevan J.; and Zimmer, Bonnie A., to AT&T Bell Laboratories. Data set diagnostic system. 4,498,186, 2-5-85, Cl. 375-7.000.

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Hwang, Mau-Choung P.: *See—*

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- Chang, Michael N.; and Hwang, San-Bao, 4,540,709, Cl. 514-470.000.

Hwang, Sang-Hak, to Du Pont de Nemours, E. I., and Company. Nonwoven fabric for apparel insulating interliner. 4,514,455, 4-30-85, Cl. 428-198.000.

Hwang, Shih M. Quincunx-shaped lock device. 4,507,945, 4-2-85, Cl. 70-363.000.

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Hwang, Tsong-Ching. Foldable baby bed. 4,561,138, 12-31-85, Cl. 5-102.000.

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Hwo, Charles C.; Klingensmith, George B.; and Martone, John A., to Shell Oil Company. Film compositions of butene polymers. 4,554,321, 11-19-85, Cl. 525-240.000.

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Hyatt, David R., to Nel-Tech Development, Inc. Security system having detector sensing and identification. 4,524,349, 6-18-85, Cl. 340-500.000.

Hyatt, Gilbert P. Memory system using filterable signals. 4,491,930, 1-1-85, Cl. 364-602.000.

Hyatt, Gilbert P. Data processor architecture. 4,523,290, 6-11-85, Cl. 364-602.000.

Hyatt, Gilbert P. Machine control system operating from remote commands. 4,531,182, 7-23-85, Cl. 364-131.000.

Hyatt, Gilbert P. Filter display system. 4,551,816, 11-5-85, Cl. 364-724.000.

Hyatt, Gilbert P. Communication system. 4,553,213, 11-12-85, Cl. 364-514.000.

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Hyatt, James R., to Nicolet Instrument Corporation. Digital data acquisition apparatus. 4,553,109, 11-12-85, Cl. 331-25.000.

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Hyde, Rebecca A.; Krimminger, Kenneth R.; and Swander, Robert E., to Celanese Corporation. Method and apparatus for forming cigarette filter rods. 4,522,616, 6-11-85, Cl. 493-44.000.

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  Kime, James A., 4,546,607, Cl. 60-372.000.
Hydro-Med Products, Inc.: *See—*
  Bell, Hank, 4,529,396, Cl. 493-244.000.
Hydro-Quebec: *See—*
  Belanger, Andre; Fauteux, Denis; and Gauthier, Michel, 4,517,265, Cl. 429-217.000.
  Gauvin, William H.; and Kubanek, George R., 4,519,835, Cl. 75-10.00R.
  Racine, Jacques, 4,512,554, Cl. 254-131.000.
  Simard, Julien, 4,521,822, Cl. 361-35.000.
  Simoneau, Raynald; Pelletier, Jean-Marc; Di Vincenzo, Antonio; and Boillot, Jean-Paul, 4,514,615, Cl. 219-132.000.
Hydro Rene Leduc: *See—*
  Porel, Louis C., 4,492,013, Cl. 29-157.00R.
Hydro-Seal Valve Company, Inc.: *See—*
  Cox, J. David, 4,548,067, Cl. 73-4.00R.
Hydro, William R. Production of dichloroformoxime. 4,558,160, 12-10-85, Cl. 564-261.000.
Hydroacoustics Inc.: *See—*
  Hollinger, David P.; Nelson, David E.; and Hannon, Robert J., 4,509,170, Cl. 370-85.000.
Hydroc Gesteinsbohrtechnik GmbH: *See—*
  Klemm, Gunter, 4,527,641, Cl. 175-92.000.
Hydromagnetics, Inc.: *See—*
  Shalhoob, William N.; and Kaspaul, Alfred F., 4,537,181, Cl. 128-1.300.
Hydromatik GmbH: *See—*
  Lotter, Manfred; and Stolzer, Rainer, 4,546,692, Cl. 92-12.200.
  Schniederjan, Reinhold, 4,518,321, Cl. 417-218.000.
  Schniederjan, Reinhold, 4,544,330, Cl. 417-218.000.
  Wagenseil, Ludwig; and Hoffmeister, Hermann, 4,519,413, Cl. 137-111.000.
Hydromer, Inc.: *See—*
  Lorenz, Donald H., 4,550,126, Cl. 521-159.000.
Hydroperfect International H. P. I.: *See—*
  Laumont, Roger, 4,525,126, Cl. 417-310.000.
  Laumont, Roger, 4,527,966, Cl. 418-132.000.
Hydroprojekt: *See—*
  Hereit, Frantisek; and Mutl, Silvestr, 4,511,467, Cl. 210-173.000.
Hydrostress AG: *See—*
  Bieri, Hans, 4,557,245, Cl. 125-14.000.
Hydrotreat, Inc.: *See—*
  Arnaud, Johnny, 4,517,089, Cl. 210-488.000.
Hydrovane Compressor Company Limited: *See—*
  Boller, Edward; and Williams, Michael R., 4,553,906, Cl. 417-295.000.
Hydrowatt Systems Limited: *See—*
  Frey, Bernhard, 4,527,464, Cl. 92-86.500.
Hyeong-Woon, Shin. Portable knife equipped with a spoon and a fork. 4,539,749, 9-10-85, Cl. 30-147.000.
Hyer, Frank S., to Hyer Industries, Inc. Wall-mounted agitator for particulate material. 4,522,500, 6-11-85, Cl. 366-113.000.
Hyer Industries, Inc.: *See—*
  Hyer, Frank S., 4,522,500, Cl. 366-113.000.
Hyggen, Egil E., to Elkem a/s. Device for fitting and fixing gripping shoes on vehicle wheels. 4,549,591, 10-29-85, Cl. 152-218.000.
Hyink, Roy: *See—*
  Kroll, John W.; and Hyink, Roy, 4,522,147, Cl. 116-216.000.
Hyland, Craig R.: *See—*
  Radford, Steven R.; and Hyland, Craig R., 4,552,229, Cl. 175-240.000.
Hyllberg, Bruce E.; and Brands, George B., to American Roller Company. Voltage applicator for limiting charge distribution in ESA printing equipment. 4,493,256, 1-15-85, Cl. 101-216.000.
Hyllberg, Bruce E.: *See—*
  Brands, George B.; and Hyllberg, Bruce E., 4,513,660, Cl. 101-1.000.
Hylsa, S.A.: *See—*
  Martinez-Vera, Enrique; Guerra-Garcia, Gilberto; and Tovalin, Jose L. L., 4,498,498, Cl. 137-613.000.
  Martinez Vera, Enrique R.; and Becerra-Novoa, Jorge O., 4,528,030, Cl. 75-35.000.
  Martinez-Vera, Enrique R.; and Bustani-Adem, Alberto, 4,556,417, Cl. 75-35.000.
Hyltin, Tom M.; Milner, Thomas G.; and Frye, Elam C., Jr., to Personal Peripherals Inc. Digital joystick controller. 4,501,939, 2-26-85, Cl. 200-6.00A.
Hylton, Thomas A., to Upjohn Company, The. Processes for the preparation of hydratropic acids. 4,518,799, 5-21-85, Cl. 562-423.000.
Hyman, Frederic E. Method and apparatus for opposing deformity, displacement, and expulsion of the ocular tissues during open eye surgery. 4,550,713, 11-5-85, Cl. 128-1.00R.
Hyman, Gregory E.; and Greenberg, Lawrence J. Impact-activated toy. 4,551,114, 11-5-85, Cl. 446-397.000.
Hyman International Limited: *See—*
  Griffiths, Anthony C. M., 4,504,429, Cl. 264-40.500.
Hyman, Myles; Sheehan, Ronald T.; and Rowland-Hill, E. William, to Sperry Corporation. Four way leveling mechanism for combine cleaning apparatus. 4,557,276, 12-10-85, Cl. 130-27.0AE.
Hyman, Myles: *See—*
  Sheehan, Ronald T.; and Hyman, Myles, 4,548,214, Cl. 130-27.0AE.
Hyman Products Co., Inc.: *See—*
  Hseu, Victor C., 4,559,929, Cl. 128-33.000.
Hymore, Frank J.; and Kreinbrink, Paul H., to Libbey-Owens-Ford Company. Method of and apparatus for bending glass sheets. 4,496,386, 1-29-85, Cl. 65-106.000.
Hyne, James B.; and Clark, Peter D., to Alberta Oil Sands Technology and Research Authority. Additive for inclusion in a heavy oil reservoir undergoing steam injection. 4,506,733, 3-26-85, Cl. 166-303.000.
Hynek, Bernd; Valk, Giselher; and Treptau, Gerhard, to Bayer Aktiengesellschaft; and Girmes Vertriebsgesellschaft fur Industrietextilien mbH. Stabilized pile article, production and use thereof for the treatment of surfaces. 4,525,403, 6-25-85, Cl. 428-87.000.
Hynes, Frederick B. W. Blasting cap to primer adapter. 4,527,482, 7-9-85, Cl. 102-331.000.
Hynes, Joseph H.; and Morrill, Charles D., to Hydril Company. Cylindrical gate valve apparatus and method. 4,513,823, 4-30-85, Cl. 166-386.000.
Hynes, Joseph H.; Morrill, Charles D.; and Hall, George D., to Hydril Company. Test tool for subsea blowout preventer stack. 4,554,976, 11-26-85, Cl. 166-341.000.
Hynes, Joseph H.: *See—*
  Roche, Joseph R.; Morrill, Charles D.; and Hynes, Joseph H., 4,496,173, Cl. 285-24.000.
Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, to Aisin Seiki Kabushiki Kaisha. Automobile speed control system. 4,553,209, 11-12-85, Cl. 364-431.070.
Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, to Aisin Seiki Kabushiki Kaisha. Automobile speed control system. 4,553,621, 11-19-85, Cl. 180-179.000.
Hyodo, Hitoshi; and Sakakibara, Naoji, to Aisin Seiki Kabushiki Kaisha. Automobile speed control system. 4,556,861, 12-3-85, Cl. 340-62.000.
Hyodo, Hitoshi: *See—*
  Kawata, Shoji; Hyodo, Hitoshi; and Akita, Tokihiko, 4,540,060, Cl. 180-179.000.
Hyodo, Kaneaki: *See—*
  Murakami, Shinjiro; Hashimoto, Osamu; Morimoto, Kazuo; and Hyodo, Kaneaki, 4,495,009, Cl. 148-128.000.
Hyodo, Motoi: *See—*
  Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, 4,537,444, Cl. 297-284.000.
  Okazaki, Hiroshi; and Hyodo, Motoi, 4,533,107, Cl. 248-430.000.
Hyodo, Toru: *See—*
  Hisatake, Michio; Yamamoto, Kazuji; Hyodo, Toru; and Takahashi, Yoshitaka, 4,524,309, Cl. 318-434.000.
Hyodo, Yukio: *See—*
  Hakamata, Kazuo; Takagi, Tadao; and Hyodo, Yukio, 4,510,411, Cl. 310-316.000.
Hyohdou, Masato: *See—*
  Kato, Yukihiro; Kawahara, Hideo; and Hyohdou, Masato, 4,500,567, Cl. 427-255.300.
Hypex, Incorporated: *See—*
  Olson, Samson A.; and Williams, George C., 4,503,752, Cl. 91-48.000.

Hyprovac (U.K.) Limited: *See—*
    Pembroke, Lawrence, 4,546,519, Cl. 15-395.000.
Hysan Corporation: *See—*
    Berkeley, Bernard, 4,498,933, Cl. 134-22.140.
Hysek, Joerg-Manfred, to Jean Lassale S.A. Wristlet clasp with unfolding buckle. 4,542,561, 9-24-85, Cl. 24-71.00R.
Hyslop, Adin E.: *See—*
    Childers, Jimmie D.; and Hyslop, Adin E., 4,547,868, Cl. 365-203.000.
Hyttinen, Seppo J. Method for building a protective wall when constructing an underwater base. 4,527,926, 7-9-85, Cl. 405-14.000.
Hyugaji, Akio: *See—*
    Sasagawa, Katsuyoshi; Hyugaji, Akio; and Imai, Masao, 4,522,993, Cl. 526-292.400.
Hyyppa, Juho: *See—*
    Olander, Donald E.; and Hyyppa, Juho, 4,560,425, Cl. 149-19.910.
Hyytinen, Timo, to Valmet Oy. Butt plate construction of a firearm and in particular that of a shotgun. 4,532,730, 8-6-85, Cl. 42-73.000.
Hyzak, Daniel L.; Pallos, Ferenc M.; and Hsu, Joanna K., to Stauffer Chemical Company. Halogenated allylthioisopropyl N-methyl carbamates as herbicide extenders. 4,546,199, 10-8-85, Cl. 560-165.000.
I.C.B. France Industrie et Componsants du Batiment Societe Anonyme: *See—*
    Mombelli, Paup, 4,519,640, Cl. 292-33.000.
I.C.I. Francolor S.A.: *See—*
    Fournier, Pierre L. E., 4,535,151, Cl. 534-739.000.
I.C.M. S.p.A. Italiana Costruzioni Metalmeccaniche: *See—*
    Massimo, Bucefari; and Michele, Lazzarini, 4,548,031, Cl. 59-16.000.
I Corp.: *See—*
    St. John, Richard C., 4,557,709, Cl. 474-117.000.
I. D. Engineering, Inc.: *See—*
    Vandebult, Jan, 4,527,310, Cl. 24-150.00R.
I F M Electronic GmbH: *See—*
    Buck, Robert; Friedrich, Michael B.; Gesthuysen, Hans-Dieter; and Marhofer, Gerd, 4,525,699, Cl. 340-512.000.
I & K Trading Company: *See—*
    Nagaoka, Muneo, 4,501,568, Cl. 446-450.000.
I M L Corporation: *See—*
    Gagliani, John; Sorathia, Usman A. K.; and Lee, Raymond, 4,506,038, Cl. 521-103.000.
I.M.S., Inc.: *See—*
    Meyer, Dennis F.; and Schuster, James E., 4,549,498, Cl. 114-145.00A.
I.P.C. Co., Ltd.: *See—*
    Ichijo, Teruko, 4,548,603, Cl. 604-385.00R.
I.P.E. Nuova Bialetti S.p.A.: *See—*
    Cristante, Guido, 4,551,026, Cl. 366-149.000.
I.S.C. Chemicals Limited: *See—*
    Sargent, Colin R.; Brierley, Keith; Wotton, David E. M.; and Coe, Paul L., 4,549,686, Cl. 228-242.000.
    Tatlow, John C.; Plevey, Raymond G.; Wotton, David E. M.; and Sargent, Colin R., 4,562,183, Cl. 514-214.000.
I.S.F. Spa: *See—*
    Clavenna, Gaetano; Farina, Carlo; Pinza, Mario; and Pifferi, Giorgio, 4,530,934, Cl. 514-548.000.
I. W. Industries, Inc.: *See—*
    Warshawsky, Jerome, 4,492,488, Cl. 403-113.000.
Iacampo, Marco: *See—*
    Mallok, Horst; Brown, Howard; and Iacampo, Marco, 4,540,478, Cl. 204-297.00W.
Iacconi, Marie: *See—*
    Lindqvist, Sven, 4,541,793, Cl. 425-206.000.
Iacoponi, Stefano; and Di Nunzio, Vittorio, to Fiat Auto S.p.A. Device for automatically adjusting the frequency of activation of a motor vehicle windscreen wiper. 4,499,410, 2-12-85, Cl. 318-444.000.
Iacovangelo, Charles D.; and Browall, Kenneth W., to United States of America, Energy. Coated powder for electrolyte matrix for carbonate fuel cell. 4,526,812, 7-2-85, Cl. 427-115.000.
Iacovangelo, Charles D.; and Browall, Kenneth W., to United States of America, Energy. Coated powder for electrolyte matrix for carbonate fuel cell. 4,540,640, 9-10-85, Cl. 429-41.000.
Iacovangelo, Charles D.; and Shores, David A., to United States of America, Energy. Electrolyte reservoir for carbonate fuel cells. 4,548,877, 10-22-85, Cl. 429-41.000.
Iacovazzi, Michael A.: *See—*
    Bystrianyk, Wasyl; Walker, Richard A.; Gardner, Edward B.; and Iacovazzi, Michael A., 4,504,301, Cl. 65-66.000.
Iacoviello, Steven A.: *See—*
    Kaczur, Jerry J.; Iacoviello, Steven A.; and Miller, Edward G., 4,508,602, Cl. 204-95.000.
Iadarola, Ralph E.; Strassle, Warren F.; and Russo, Gene W., to Allied Corporation. Method of forming vertical traces on printed circuit board. 4,543,715, 10-1-85, Cl. 29-852.000.
Iadarola, Ralph E., to Allied Corporation. Padless plated vias having soldered wicks for multi-layer printed circuit boards. 4,556,759, 12-3-85, Cl. 174-68.500.
Iafrate, Gerald J.; Aucoin, Thomas A.; and Ferry, David K., to United States of America, Army. Multi-dimensional quantum well device. 4,503,447, 3-5-85, Cl. 357-16.000.
Iafrate, Gerald J.: *See—*
    Malik, Roger J.; and Iafrate, Gerald J., 4,539,581, Cl. 357-58.000.
Iai, Kenichiro, to Yoshida Kogyo K.K. Apparatus for forming and planting slide fastener elements. 4,550,477, 11-5-85, Cl. 29-33.200.
Iain, Stewart, to Maschinenfabrik Fr. Niepmann GmbH & Co. Device for the packaging of powder, granulates and lump, pasty and liquid materials to be packaged by means of a tubular film. 4,516,379, 5-14-85, Cl. 53-138.00A.
Iannadrea, Gerald M.: *See—*
    Gorgone, Robert L.; Iannadrea, Gerald M.; Dolejs, Anthony H.; Knox, Bruce R.; and Kovach, Alan J., 4,513,439, Cl. 382-7.000.
Iannarelli, Luigi: *See—*
    Grassi, Fabrizio; and Iannarelli, Luigi, 4,498,545, Cl. 173-43.000.
Iannelli, Frank M. Housing for a pressurized syrup package. 4,501,383, 2-26-85, Cl. 222-82.000.
Iannelli, Frank M.; and James, David H., to Gerlach Industries. Wine dispensing apparatus and method. 4,518,104, 5-21-85, Cl. 222-146.600.
Ianni, John P., Jr.: *See—*
    Shils, Alan J.; and Ianni, John P., Jr., 4,510,673, Cl. 29-574.000.
Iannicelli, Joseph; Caspersen, Leif; Hansen, Jan M.; and Pedersen, Sven, to Aquafine Corporation. Fluidization process for removing total reduced sulfur compounds from industrial gases. 4,552,734, 11-12-85, Cl. 423-230.000.
Iannicelli, Joseph; Caspersen, Leif D.; Hansen, Jan M.; and Moller, Jens C. T., to Aquafine Corporation. Process for removing total reduced sulfur compounds from industrial gases using manganese dioxide. 4,552,735, 11-12-85, Cl. 423-224.000.
Iannuzzelli, Vincent F.; and Kremer, Carl P., Jr., to Syntex, Inc. Manifold. 4,529,003, 7-16-85, Cl. 137-493.800.
IAT: *See—*
    Izosimov, Dimitrij B.; and Sabanovic, Asif, 4,499,413, Cl. 318-802.000.
Iato, Michel: *See—*
    Castel, Yvon; and Iato, Michel, 4,501,056, Cl. 29-252.000.
    Castel, Yvon; and Iato, Michel, 4,541,754, Cl. 405-168.000.
    Castel, Yvon; and Iato, Michel, 4,541,755, Cl. 405-195.000.
Iba, Youich; Nakahashi, Ken-ichi; and Matsubara, Masaki, to Olympus Optical Co., Ltd. Optical system for retinal cameras. 4,509,838, 4-9-85, Cl. 354-62.000.
Iba, Youichi: *See—*
    Mihara, Shin-ichi; Imai, Toshihiro; Nakahashi, Ken-ichi; Iba, Youichi; Imaizumi, Masaki; and Taira, Akio, 4,562,344, Cl. 250-201.000.
Ibanez, Paul; Stoessel, John; and Barrett, Donald C., to Anco Engineers, Incorporated. Method and apparatus for measuring the weight of a vehicle while the vehicle is in motion. 4,560,016, 12-24-85, Cl. 177-210.00R.
Ibata, Sachiko, to Nippon Tenshashi Kabushiki Kaisha. Polisher element. 4,526,589, 7-2-85, Cl. 51-295.000.
Ibbetson, David N. I., to Moore, Derek W. Loop fault isolator. 4,541,031, 9-10-85, Cl. 361-67.000.
Ibbotson, Dale E.: *See—*
    Cook, Joel M.; Donnelly, Vincent M.; Flamm, Daniel L.; Ibbotson, Dale E.; and Mucha, John A., 4,498,953, Cl. 156-646.000.
Ibe, Satoshi: *See—*
    Awano, Kcichi; Nitta, Yoshifumi; and Ibe, Satoshi, 4,554,964, Cl. 165-39.000.
IBEK Ingenieurbuero Echtler Kaiserslautern GmbH: *See—*
    Echtler, Theodor; Quinot, Martin; and Hunsinger, Werner, 4,493,122, Cl. 14-2.400.
    Echtler, Theodor, 4,493,284, Cl. 114-267.000.
IBG International, Inc.: *See—*
    Kaiser, Fredrick P.; and Lapp, Theodore R., 4,527,247, Cl. 364-550.000.
    Radtke, Carl T.; Kaiser, Ewald A.; Biedermann, Siegfried M.; and Chapman, Rick J., 4,494,256, Cl. 4-502.000.
Ibiden Co., Ltd.: *See—*
    Enomoto, Ryo; Yamauchi, Hidetoshi; and Tanikawa, Shoji, 4,499,147, Cl. 428-428.000.
    Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,492,850, Cl. 219-145.210.
Ibiden Kabushiki Kaisha: *See—*
    Enomoto, Ryo; and Amino, Toshikazu, 4,529,575, Cl. 423-345.000.
    Enomoto, Ryo; and Tsukada, Kiyotaka, 4,537,735, Cl. 264-63.000.
    Enomoto, Ryo; and Tsukada, Kiyotaka, 4,540,677, Cl. 501-151.000.
Ibigawa Electric Industry Co., Ltd.: *See—*
    Enomoto, Ryo, 4,526,734, Cl. 264-13.000.
    Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,555,615, Cl. 219-145.210.
Ibis Systems, Inc.: *See—*
    Stupak, Joseph J., Jr., 4,518,881, Cl. 310-13.000.
Iblings, Jackson R., to Plummer, Walter Allen, III. Seam closure device. 4,513,484, 4-30-85, Cl. 24-437.000.
Ibori, Satoshi: *See—*
    Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, 4,516,065, Cl. 318-811.000.
IBP, Inc.: *See—*
    Couture, William F., 4,543,689, Cl. 17-46.000.
IBP Pietzsch GmbH: *See—*
    Pietzsch, Ludwig; Kauer, Harald; Duren, Johannes; and Kuhn, Hugo, 4,523,487, Cl. 74-378.000.
    Wecker, Dietmar; and Lippold, Heinrich, 4,543,727, Cl. 33-228.000.
Ibrahim, Abd-El-Fattah A.: *See—*
    Kadekodi, Narayan K.; Sheu, Shey-Ping L.; and Ibrahim, Abd-El-Fattah A., 4,528,594, Cl. 358-213.000.
Ibrahim, El-Eraky A.; and Eckels, Phillip W., to Westinghouse Electric Corp. Radiation shield with helical fluid passages. 4,492,088, 1-8-85, Cl. 62-55.000.
Ibrahim, Fayez F., to Tyler Refrigeration Corporation. Refrigerated display case having ambient air defrost. 4,514,988, 5-7-85, Cl. 62-82.000.

Ibrahim, Fayez F., to Tyler Refrigeration Corporation. Automated energy conserving cover for refrigerated cabinet access openings. 4,537,040, 8-27-85, Cl. 62-186.000.

Ibrahim, Fayez F., to Tyler Refrigeration Corporation. Compressor oil return system for refrigeration apparatus and method. 4,554,795, 11-26-85, Cl. 62-175.000.

Ibrahim, Ibrahim H.; and Daly, Christopher N., to Telectronics Pty. Ltd. Use of telemetry coil to replace magnetically activated reed switch in implantable devices. 4,541,431, 9-17-85, Cl. 128-419.0PT.

Ibsen, Barrie G., to Magnum Jet, Inc. Modular through-tubing casing gun. 4,502,550, 3-5-85, Cl. 175-4.600.

IBU Betten-Union GmbH & Co. KG: *See—*

Endel, Dieter; and Billerbeck, Gerd, 4,550,459, Cl. 5-437.000.

Ibuki, Hideaki: *See—*

Miyake, Yuzuru; Sugioka, Takami; Murakami, Shoichi; and Ibuki, Hideaki, 4,494,702, Cl. 242-18.00R.

Ibuki Kogyo Co., Ltd.: *See—*

Shintaku, Yoshishige, 4,492,827, Cl. 179-115.5SF.

Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, to Asahi Kasei Kogyo Kabushiki Kaisha. Aminoindazole derivatives. 4,533,731, 8-6-85, Cl. 544-140.000.

Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, to Asahi Kasei Kogyo Kabushiki Kaisha. 3-aminoindazole derivatives. 4,549,023, 10-22-85, Cl. 546-199.000.

Ibuki, Yasuhiro: *See—*

Hasegawa, Katsuji; and Ibuki, Yasuhiro, 4,499,935, Cl. 144-209.00R.

Hasegawa, Katsuji; and Ibuki, Yasuhiro, 4,549,587, Cl. 144-209.00R.

IC Gas International Limited: *See—*

Chalk, Christine D.; and Hayman, Cecil, 4,545,916, Cl. 252-70.000.

Icaro Olivieri & C. S.p.A.: *See—*

Olivieri, Icaro, 4,499,674, Cl. 36-117.000.

Olivieri, Oliviero, 4,541,147, Cl. 24-68.0SK.

Olivieri, Oliviero, 4,547,980, Cl. 36-50.000.

Iceberg Cribs, Inc.: *See—*

Kuck, David L., 4,522,537, Cl. 405-288.000.

ICG Gasbec Inc.: *See—*

Mathieu, Jean-Paul, 4,507,952, Cl. 73-3.000.

Ichida, Hiroshi: *See—*

Takahata, Kei; Murasawa, Sadao; Ichida, Hiroshi; Okada, Mizuho; and Nakayama, Takao, 4,525,441, Cl. 430-46.000.

Ichida, Junji: *See—*

Ohsugi, Katsuhisa; Ichida, Junji; and Takahashi, Eisaku, 4,542,154, Cl. 514-475.000.

Ichida, Katsumi; Fukuo, Koichi; Araki, Junichi; and Machida, Isao, to Honda Giken Kogyo Kabushiki Kaisha. Valve actuating mechanism for engines. 4,553,473, 11-19-85, Cl. 92-261.000.

Ichida, Kozaburo: *See—*

Ikegami, Hiroshi; Ichida, Kozaburo; and Kobayashi, Katsuyoshi, 4,497,674, Cl. 148-156.000.

Ichida, Toshio; Kobayashi, Hideo; Ogata, Hajime; and Tsugawa, Shunichi, to Kawasaki Steel Corporation. Method of producing tin-free steel sheets. 4,519,879, 5-28-85, Cl. 204-35.100.

Ichida, Toshio: *See—*

Mochizuki, Kazuo; Nakakoji, Hisatada; Ichida, Toshio; Irie, Toshio; Ogata, Hajime; and Yamaji, Kyoko, 4,561,943, Cl. 204-28.000.

Ogata, Hajime; Ohashi, Yoshiharu; Tsugawa, Shunichi; Ichida, Toshio; and Irie, Toshio, 4,542,077, Cl. 428-629.000.

Ichihara, Junichi, to Mitsubishi Denki Kabushiki Kaisha. System for detecting camber of rolled material. 4,528,756, 7-16-85, Cl. 33-503.000.

Ichihara, Kazuyoshi: *See—*

Sasaki, Ken; Matsuyama, Shigeru; Koyama, Masaharu; and Ichihara, Kazuyoshi, 4,494,825, Cl. 350-343.000.

Ichihara, Kenichi: *See—*

Ishino, Ken; Hashimoto, Yasuo; Ichihara, Kenichi; and Narumiya, Yoshikazu, 4,515,850, Cl. 428-225.000.

Ichihara, Masaki, to Nippon Electric Co., Ltd. Power supply systems for use in radio communication systems. 4,509,199, 4-2-85, Cl. 455-7.000.

Ichihara, Masuji: *See—*

Kato, Yasuyuki; Kasuga, Kentaro; Taniyama, Yoshitaka; Ichihara, Masuji; and Suzuki, Tamio, 4,529,747, Cl. 523-108.000.

Ichihara, Noboru; and Takehara, Isamu, to Japan Servo Co., Ltd. Direct-current brushless motor. 4,496,887, 1-29-85, Cl. 318-254.000.

Ichihara, Shoichi: *See—*

Ono, Tetsuji; Ichihara, Shoichi; Ohata, Tomohisa; and Terui, Sadao, 4,504,598, Cl. 502-303.000.

Ichihara, Yoshihiro: *See—*

Bunno, Masayasu; Sugiura, Tsutomu; Tsuji, Masao; Harada, Hidemi; and Ichihara, Yoshihiro, 4,520,102, Cl. 435-61.000.

Ichihashi, Hiroo: *See—*

Matsufuji, Yohji; Togano, Shigeo; and Ichihashi, Hiroo, 4,499,478, Cl. 346-140.00R.

Toganoh, Shigeo; Matsufuji, Yohji; and Ichihashi, Hiroo, 4,559,543, Cl. 346-140.00R.

Ichihashi, Masazumi: *See—*

Ohmae, Kenichi; Tateisi, Kazuma; Shinohara, Yoshitsugu; and Ichihashi, Masazumi, 4,562,341, Cl. 235-379.000.

Ichihashi, Taichi; Kawai, Wasaburo; Naraoka, Tadashi; and Asano, Takateru, to Director-General of the Agency of Industrial Science and Technology; and Sanbo Chemical Industries Co., Ltd. Photosensitive high polymer, easily insolubilized when cross-linked by light, a method for preparation thereof, and a composition thereof. 4,560,640, 12-24-85, Cl. 430-280.000.

Ichihashi, Tetsuo: *See—*

Kiriyama, Tsutomu; Horie, Shigeru; Ichihashi, Tetsuo; and Oshida, Masahiro, 4,539,389, Cl. 528-272.000.

Ichijima, Seigi: *See—*

Sakanoue, Kei; Yagihara, Morio; Ichijima, Seigi; and Nagao, Kimitoshi, 4,500,634, Cl. 430-544.000.

Ichijima, Seiji; and Watanabe, Toshiyuki, to Fuji Photo Film Co., Ltd. Color photographic silver halide light-sensitive materials containing novel magenta color-forming couplers. 4,522,915, 6-11-85, Cl. 430-505.000.

Ichijima, Seiji; Mihayashi, Keiji; and Itoh, Isamu, to Fuji Photo Film Co., Ltd. Photographic silver halide light-sensitive material. 4,522,917, 6-11-85, Cl. 430-564.000.

Ichijima, Seiji; and Hirose, Takeshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material comprising coupler having nitrogen-containing heterocyclic ring. 4,526,861, 7-2-85, Cl. 430-385.000.

Ichijima, Seiji; and Hirose, Takeshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive materials. 4,533,625, 8-6-85, Cl. 430-552.000.

Ichijima, Seiji: *See—*

Kato, Hirohiko; Ichijima, Seiji; Adachi, Keiichi; and Watanabe, Toshiyuki, 4,536,472, Cl. 430-505.000.

Ichijo, Chikara: *See—*

Fukayama, Miyoji; and Ichijo, Chikara, 4,515,834, Cl. 427-387.000.

Ichijo, Hisao: *See—*

Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.

Ichijo, Teruko, to I.P.C. Co., Ltd. Sanitary napkin. 4,548,603, 10-22-85, Cl. 604-385.00R.

Ichikawa, Akira; Komatsu, Akio; and Asakawa, Yoshiaki, to Hitachi, Ltd. Continuous speech recognition method. 4,528,688, 7-9-85, Cl. 381-43.000.

Ichikawa, Akira; and Matsuzaka, Hiroko, to Hitachi, Ltd. Pattern recognition method. 4,559,604, 12-17-85, Cl. 364-513.500.

Ichikawa, Akira: *See—*

Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,531,123, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,535,334, Cl. 340-995.000.

Ichikawa, Hiromichi: *See—*

Suganuma, Nobuo; Tanaka, Kensuke; Takada, Nobuyuki; and Ichikawa, Hiromichi, 4,556,553, Cl. 424-52.000.

Ichikawa, Hiroshi: *See—*

Ishikawa, Toshikatsu; Ichikawa, Hiroshi; Imai, Yoshikazu; Hayase, Tokuji; and Nagata, Yoichi, 4,507,354, Cl. 428-245.000.

Ichikawa, Isamu; Fukushi, Yutaka; Kamata, Keiji; and Suzuki, Hikoshiro, to Topre Corporation. Air conditioning apparatus. 4,553,696, 11-19-85, Cl. 236-49.000.

Ichikawa, Izuo: *See—*

Ikegami, Yoshihiko; Kurihara, Kozo; Ichikawa, Izuo; and Nakane, Hisanori, 4,533,562, Cl. 427-3.000.

Kurihara, Kozo; Ichikawa, Izuo; Nakane, Hisanori; and Ikegami, Yoshihiko, 4,497,847, Cl. 427-3.000.

Ichikawa, Kaoru: *See—*

Yamamoto, Kunio; Ichikawa, Kaoru; and Moriguchi, Seki, 4,549,681, Cl. 227-8.000.

Ichikawa, Katsutoshi: *See—*

Oki, Takeo; and Ichikawa, Katsutoshi, 4,560,298, Cl. 401-107.000.

Ichikawa, Keiko: *See—*

Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Ichikawa, Keiko; Nakazato, Kikuo; and Okada, Taiji, 4,528,372, Cl. 544-310.000.

Ichikawa, Kenichi: *See—*

Kakeno, Sadao; Ameyama, Minoru; Ichikawa, Kenichi; Umezawa, Michio; and Yamaguchi, Tomoyuki, 4,524,365, Cl. 346-75.000.

Ichikawa, Kentaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Multistage hydraulic machine and method of operating same. 4,547,123, 10-15-85, Cl. 415-24.000.

Ichikawa, Kentaro: *See—*

Inagaki, Taizo; Ichikawa, Kentaro; Kido, Hitoshi; and Kawase, Yozo, 4,514,138, Cl. 415-1.000.

Ichikawa, Koji, to Fuji Photo Film Co., Ltd. Problem-cartridge film processing method. 4,557,425, 12-10-85, Cl. 242-55.000.

Ichikawa, Kozo: *See—*

Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.

Ichikawa, Kuniharu: *See—*

Fujishima, Nobuichi; and Ichikawa, Kuniharu, 4,556,782, Cl. 219-370.000.

Ichikawa, Masaru, to Sagami Chemical Research Center. Process for producing oxygen-containing hydrocarbon compounds. 4,506,033, 3-19-85, Cl. 518-716.000.

Ichikawa, Masaru: *See—*

Yaguchi, Kenichi; Ichikawa, Masaru; and Kinoshita, Takuji, 4,494,831, Cl. 351-41.000.

Ichikawa, Masashi; Saito, Toru; and Nishi, Takeshi, to Nippon Steel Corporation. Flash butt welding method. 4,506,134, 3-19-85, Cl. 219-100.000.

Ichikawa, Masashi; Takahashi, Yasuo; and Saito, Tohru, to Nippon Steel Corporation. Container having an easy opening end with a tab affixed by ultrasonic welding. 4,561,561, 12-31-85, Cl. 220-270.000.

Ichikawa, Masayoshi: *See—*

Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.

Ichikawa, Matsuo, to Kabushiki Kaisha Suwa Seikosha. Method of preparing a semiconductor device. 4,560,582, 12-24-85, Cl. 427-88.000.

Ichikawa, Sadao; and Kamiya, Tuyoshi, to NGK Spark Plug Co., Ltd.; and Nissan Motor Company, Limited. Apparatus for controlling energization of glow plugs. 4,512,297, 4-23-85, Cl. 123-179.00H.

Ichikawa, Shigeru, to Meisan Ltd., Co. Slitter knife holder. 4,543,867, 10-1-85, Cl. 83-502.000.

Ichikawa, Souji, to Mitutoyo Mfg. Co., Ltd. Linear scale type displacement measuring instrument. 4,492,033, 1-8-85, Cl. 33-125.00C.

Ichikawa, Sumiaki: *See—*

Kai, Isao; Ichikawa, Sumiaki; and Mihara, Yozo, 4,532,271, Cl. 523-208.000.

Ichikawa, Takahumi: *See—*

Mizuno, Shigeo; Kubota, Kazuhisa; and Ichikawa, Takahumi, 4,547,636, Cl. 200-61.540.

Ichikawa, Takashi: *See—*

Nagata, Sumio; Kanaiwa, Kazuhide; and Ichikawa, Takashi, 4,556,096, Cl. 164-79.000.

Ichikawa, Teruo, to Minolta Camera Kabushiki Kaisha. Hearing aid coupled with a radio. 4,491,980, 1-1-85, Cl. 455-344.000.

Ichikawa, Tetsuo: *See—*

Kaneko, Tomonori; Mori, Shunji; Ichikawa, Tetsuo; Hiroki, Yoichi; and Kariya, Takashi, 4,495,780, Cl. 62-229.000.

Ichikawa, Tetsushi: *See—*

Miyamoto, Akira; Sato, Katsuo; Ichikawa, Tetsushi; and Kurokawa, Masahiro, 4,541,958, Cl. 260-404.500.

Ichikawa, Tomohiko; Sugiyama, Takao; and Manaka, Masao, to Institute of Agricultural Machinery. Combine harvester. 4,541,441, 9-17-85, Cl. 130-27.00T.

Ichikawa, Tomoyuki: *See—*

Lederis, Karl P.; MacCannell, Keith L.; Ichikawa, Tomoyuki; and Rivier, Jean E. F., 4,533,654, Cl. 514-12.000.

Ichikawa, Toru, to Mitsubishi Denki Kabushiki Kaisha. System for defining graphic patterns for a numerical control apparatus. 4,556,957, 12-3-85, Cl. 364-171.000.

Ichikawa, Toshiji; Ohhachi, Yoshinori; and Kanda, Zensho, to Terumo Kabushiki Kaisha. Medical solution transfusion circuit. 4,547,191, 10-15-85, Cl. 604-251.000.

Ichikawa, Toshiji: *See—*

Aoyagi, Juuro; Ichikawa, Toshiji; Koide, Mikio; and Shimomura, Takeshi, 4,560,720, Cl. 524-288.000.

Kasai, Masaaki; Ichikawa, Toshiji; and Kosegaki, Kimiho, 4,507,415, Cl. 524-101.000.

Ichikawa Woolen Textile Co., Ltd.: *See—*

Awano, Shunya; Koseki, Kazusuke; and Nishida, Masanori, 4,529,644, Cl. 428-284.000.

Awano, Shunya; Koseki, Kazusuke; and Nishida, Masanori, 4,541,264, Cl. 72-257.000.

Kiuchi, Masao, 4,559,258, Cl. 428-156.000.

Ichikawa, Yasunori; Yamaguchi, Shigeru; Kojima, Akira; and Fujiwara, Kazuhiko, to Fuji Photo Film Co., Ltd. Process for the preparation of oil-in-water emulsions. 4,539,139, 9-3-85, Cl. 252-314.000.

Ichikawa, Yoshinori: *See—*

Shigemasa, Takashi; and Ichikawa, Yoshinori, 4,539,633, Cl. 364-162.000.

Ichikawa, Yoshio; and Ohyagi, Takashi, to NEC Corporation. Battery saver for a paging receiver or the like. 4,506,386, 3-19-85, Cl. 455-343.000.

Ichikawa, Yoshio: *See—*

Smeltzer, Eugene E.; Ichikawa, Yoshio; and Schneider, George N., Jr., 4,504,317, Cl. 106-90.000.

Tsunoda, Kazuyuki; and Ichikawa, Yoshio, 4,536,761, Cl. 340-825.440.

Ichikawa, Yoshiro: *See—*

Kobayashi, Hiroshi; Muramatsu, Shinichi; Ichikawa, Yoshiro; and Mitsui, Seizo, 4,553,501, Cl. 118-669.000.

Ichikoh Industries Limited: *See—*

Enomoto, Masao, 4,506,954, Cl. 350-634.000.

Enomoto, Masao, 4,555,166, Cl. 350-634.000.

Igura, Kenkichi, 4,524,407, Cl. 362-66.000.

Kumagai, Toji, 4,562,518, Cl. 362-249.000.

Maekawa, Masashi; and Hasegawa, Tatsumi, 4,506,315, Cl. 362-308.000.

Moro, Shuji; and Tenmaya, Michio, 4,548,483, Cl. 350-635.000.

Saito, Kunihiro, 4,533,860, Cl. 318-673.000.

Ichimaru, Tetsuo: *See—*

Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.

Ichimura, Akio: *See—*

Nozawa, Ryoichiro; Kiya, Nobuyuki; and Ichimura, Akio, 4,549,271, Cl. 364-474.000.

Ichimura, Etsuo, to Kanto Seiki Co., Limited. Odometer using an electric motor disposed within annular figure wheels. 4,493,988, 1-15-85, Cl. 235-96.000.

Ichimura, Koichi: *See—*

Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, 4,547,565, Cl. 528-232.000.

Ichimura, Mitsunori; Yamamoto, Ryoichi; and Horimoto, Katsutoshi, to Mitsui Petrochemical Industries, Ltd. Fluid bed reactor system composed of cylindrical reaction vessel equipped with distribution plate and agitator. 4,521,378, 6-4-85, Cl. 422-135.000.

Ichimura, Takeo: *See—*

Ogino, Makoto; Futami, Toshihiko; Kariya, Michio; Ichimura, Takeo; and Fujiu, Takamitsu, 4,497,629, Cl. 433-201.000.

Ichimura, Toshiaki: *See—*

Taniguchi, Isoji; Kimura, Yoshiharu; and Ichimura, Toshiaki, 4,533,712, Cl. 528-9.000.

Ichimura, Yasuo: *See—*

Aoyama, Youichi; Takeuchi, Akira; Ohmuro, Masaru; and Ichimura, Yasuo, 4,523,164, Cl. 335-38.000.

Ichimura, Yoshiaki, to Japan Aviation Electronics Industry Limited. Flat pack with housing deformation prevention means. 4,498,720, 2-12-85, Cl. 339-75.0MP.

Ichimura, Yoshiaki; Noda, Atsuhito; Tokaichi, Tetsuro; and Umesato, Shoji, to Japan Aviation Electronics Industry Limited; and NEC Corporation. Electrical connectors with quasi-terminal pins. 4,519,660, 5-28-85, Cl. 339-75.00M.

Ichimura, Yoshiaki, to Japan Aviation Electronics Industry Limited. Contact element with locking means. 4,538,864, 9-3-85, Cl. 339-17.0CF.

Ichino, Hiroyuki: *See—*

Nishikawa, Kazuo; Ichino, Hiroyuki; and Okura, Keniti, 4,519,063, Cl. 369-172.000.

Ichinohe, Eisuke: *See—*

Kadota, Hiroshi; and Ichinohe, Eisuke, 4,523,301, Cl. 365-49.000.

Ichinohe, Shoji: *See—*

Shibata, Takanori; Yoshikawa, Toshiharu; Isobe, Kenichi; and Ichinohe, Shoji, 4,525,563, Cl. 526-279.000.

Ichinomiya, Toshio; Seiki, Ryosaburo; and Imai, Tatsuo, to Seikoh Chemicals Co., Ltd. Casting coating. 4,554,214, 11-19-85, Cl. 428-423.100.

Ichinomiya, Tsutomu: *See—*

Matsuura, Masahiro; Ichinomiya, Tsutomu; and Abe, Hideaki, 4,497,323, Cl. 128-685.000.

Ichinose, Hisashi: *See—*

Abe, Masao; Iwama, Akio; Noda, Yuzuru; and Ichinose, Hisashi, 4,529,793, Cl. 528-423.000.

Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, 4,556,623, Cl. 430-83.000.

Ichinose, Kazuaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Pulse width modulation type digital to analog converter. 4,532,496, 7-30-85, Cl. 340-347.0DA.

Ichinose, Makoto: *See—*

Moriya, Mitsuro; and Ichinose, Makoto, 4,544,957, Cl. 358-338.000.

Ichinose, Toshio, to Diesel Kiki Co., Ltd. Injection timing control device for internal combustion engine. 4,530,336, 7-23-85, Cl. 123-502.000.

Ichiryu, Ken; Watanabe, Haruo; and Nogami, Tadahiko, to Hitachi, Ltd. Servo pump for hydraulic systems. 4,529,362, 7-16-85, Cl. 417-271.000.

Ichiryu, Ken; Watanabe, Haruo; and Yamaguchi, Takashi, to Hitachi, Ltd. Direct-acting servo valve. 4,544,129, 10-1-85, Cl. 251-129.010.

Ichiryu, Ken: *See—*

Ogasawara, Tsuyoshi; Ichiryu, Ken; Nakamura, Ichiro; and Kido, Yasuo, 4,534,452, Cl. 187-29.00A.

Tanaka, Yoshito; Ichiryu, Ken; and Iwata, Naohiko, 4,500,865, Cl. 338-13.000.

Tanaka, Yoshito; and Ichiryu, Ken, 4,529,974, Cl. 340-605.000.

Ichiyama, Tadashi; Yamaguchi, Shigehiro; Iuchi, Tohru; and Kuroki, Katsuro, to Nippon Steel Corporation. Grain-oriented electromagnetic steel sheet with improved watt loss. 4,552,596, 11-12-85, Cl. 148-31.500.

Ichiyama, Toshiyuki: *See—*

Yasuda, Tomio; and Ichiyama, Toshiyuki, 4,510,441, Cl. 324-96.000.

Ichiyanagi, Takashi: *See—*

Imanishi, Kiyokazu; Ichiyanagi, Takashi; Sakurai, Yasuo; Naka, Hirouki; and Nakagawa, Koji, 4,525,757, Cl. 360-130.240.

Ichizawa, Yoshiyuki; Nomoto, Tsugio; and Oshida, Mamoru, to Yoshino Kogyosho Co. Ltd. Device for removing and conveying injection-molded piece. 4,514,166, 4-30-85, Cl. 425-436.00R.

Ichoh, Tasuku: *See—*

Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.

ICI Americas Inc.: *See—*

Akhavein, Ali A.; and Braithwaite, Gavin B., 4,495,898, Cl. 119-156.000.

Bare, Thomas M.; and Heald, Anthony F., 4,511,568, Cl. 514-293.000.

Bare, Thomas M., 4,552,883, Cl. 514-303.000.

Bernstein, Peter R.; and Willard, Alvin K., 4,499,299, Cl. 514-570.000.

  - Bristowe, William W.; and Ford, Ernest C., Jr., 4,506,055, Cl. 525-424.000.
  - Campbell, James B., Jr.; and Bare, Thomas M., 4,546,104, Cl. 514-293.000.
  - Evans, John H.; and Sabotta, Kenneth T., 4,527,481, Cl. 102-204.000.
  - Lee, John T. M., 4,527,634, Cl. 169-13.000.
  - Nelson, Richard V.; and Stephen, John F., 4,504,664, Cl. 546-243.000.
  - Robertson, John R., 4,498,929, Cl. 106-38.200.
  - Robertson, John R., 4,504,313, Cl. 106-38.200.
  - Robertson, John R., 4,505,778, Cl. 162-135.000.
  - Robertson, John R., 4,546,154, Cl. 525-474.000.
  - Yellin, Tobias O.; and Gilman, David J., 4,493,840, Cl. 424-269.000.
  - Yellin, Tobias O.; and Gilman, David J., 4,496,564, Cl. 514-237.000.
  - Yellin, Tobias O.; Gilman, David J.; Edwards, Philip N.; Large, Michael S.; Jones, Derrick F.; and Oldham, Keith, 4,496,571, Cl. 514-340.000.
- ICI Australia Limited: *See—*
  - Barnett, George H.; and Markus, Michael V., 4,506,035, Cl. 521-53.000.
  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; and Farquharson, Graeme J., 4,511,391, Cl. 71-88.000.
  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; Farquharson, Graeme J.; and Houston, Timothy L., 4,555,263, Cl. 71-98.000.
  - Sujansky, Vladimir; Tribuzio, Sergio; and Paull, Jolanta, 4,507,161, Cl. 149-21.000.
- ICI Pharma: *See—*
  - Jung, Frederic H.; and Davies, Gareth M., 4,492,692, Cl. 424-246.000.
  - Jung, Frederic H.; and Davies, Gareth M., 4,504,478, Cl. 514-202.000.
  - Jung, Frederic H.; Olivier, Annie A.; and Loftus, Frank, 4,547,573, Cl. 544-27.000.
- Ickes, John C. Apparatus for controlling flow of combustion products. 4,526,160, 7-2-85, Cl. 126-292.000.
- Ickowski, Edward S.: *See—*
  - Lefkowitz, Stephen; Benenati, Salvatore; and Ickowski, Edward S., 4,524,384, Cl. 358-108.000.
- ICM S.p.A. Italiana Costruzioni Metalmeccaniche: *See—*
  - Bucefari, Massimo; and Scortecci, Giuseppe, 4,493,183, Cl. 59-16.000.
- Icoma Packtechnik GmbH: *See—*
  - Kuckhermann, Gustav, 4,498,894, Cl. 493-234.000.
- ID-Energiesysteme Gesellschaft m.b.H.: *See—*
  - Schwarz, Alois, 4,492,093, Cl. 62-238.600.
- Ida, Hiroaki; Fujii, Masahiro; and Haruta, Toshio, to Unitika Ltd. Filtration apparatus. 4,515,691, 5-7-85, Cl. 210-274.000.
- Ida, Jinsei; Hagimoto, Yosio; Takahashi, Masao; and Azuma, Saburo, to Honda Giken Kogyo Kabushiki Kaisha. Jig table apparatus for a machine tool. 4,494,282, 1-22-85, Cl. 29-33.00P.
- Ida, Jinsei; Fujita, Tsutomu; Matsuo, Kenzaburo; Higuchi, Fumio; and Tamura, Mitsuo, to Honda Giken Kogyo Kabushiki Kaisha. Transfer type working system. 4,503,596, 3-12-85, Cl. 29-568.000.
- Ida, Jinsei; Fujita, Tsutomu; Yamada, Ichiho; Higuchi, Fumio; and Matsuo, Kenzaburo, to Honda Giken Kogyo Kabushiki Kaisha. Replaceable gang head machine tool. 4,510,669, 4-16-85, Cl. 29-568.000.
- Ida, Masatoshi; Oinoue, Kenichi; Aoki, Masahiro; and Hayashi, Asao, to Olympus Optical Co., Ltd. Analog-digital converting apparatus. 4,503,467, 3-5-85, Cl. 358-212.000.
- Ida, Masatoshi, to Olympus Optical Co., Ltd. Solid state image sensor. 4,556,908, 12-3-85, Cl. 358-212.000.
- Ida, Masatoshi: *See—*
  - Aoki, Masahiro; Nakamura, Junichi; Ida, Masatoshi; Oinoue, Kenichi; and Hayashi, Asao, 4,562,345, Cl. 250-201.000.
  - Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, 4,518,863, Cl. 250-578.000.
  - Hayashi, Asao; Aoki, Masahiro; Oinoue, Kenichi; and Ida, Masatoshi, 4,540,881, Cl. 250-201.000.
  - Hayashi, Asao; Oinoue, Kenichi; Aoki, Masahiro; and Ida, Masatoshi, 4,562,346, Cl. 250-201.000.
  - Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, 4,492,449, Cl. 354-407.000.
- Ida, Michiaki: *See—*
  - Mori, Hidetomo; Matsushita, Osami; Matsubara, Katsumi; Ida, Michiaki; and Sasaki, Shigeru, 4,557,679, Cl. 418-201.000.
- Ida, Mitsuru, to Sony Corporation. Pushbutton actuated cassette tape transport. 4,491,287, 1-1-85, Cl. 242-200.000.
- Ida, Mitsuru, to Sony Corporation. Cassette tape apparatus with adjustable head positioning characteristics. 4,511,941, 4-16-85, Cl. 360-105.000.
- Ida, Mitsuru, to Sony Corporation. Mode changing mechanism for cassette tape player. 4,542,431, 9-17-85, Cl. 360-137.000.
- Ida, Shunya: *See—*
  - Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.
- Ida, Toshio: *See—*
  - Kaibara, Nobuhiro; Ida, Toshio; Okuda, Shinji; and Motohashi, Takayuki, 4,524,914, Cl. 239-452.000.
- Ida, Yoshinori: *See—*
  - Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Seisuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.
- Ida, Yuichi: *See—*
  - Hosogoe, Junichi; Suzuki, Motoyuki; and Ida, Yuichi, 4,562,314, Cl. 200-5.00R.
- Idaho Research Foundation, Inc., The: *See—*
  - Sasser, R. Garth; and Hamilton, William C., 4,554,256, Cl. 436-510.000.
- Ide, Akifumi: *See—*
  - Tazaki, Saburo; and Ide, Akifumi, 4,523,181, Cl. 340-347.0DD.
- Ide, Eizo; and Fujimura, Hiroshi, to Mitsubishi Jukogyo Kabushiki Kaisha. Automatic weld line following method. 4,525,619, 6-25-85, Cl. 219-124.220.
- Ide, Hideo: *See—*
  - Tomozaki, Ryozo; Uchita, Takeshi; Ide, Hideo; and Suzuki, Misao, 4,502,532, Cl. 165-79.000.
- Ide, Hiroshi, to Mitsubishi Chemical Industries Limited. Photopolymerizable photosensitive composition. 4,537,855, 8-27-85, Cl. 430-285.000.
- Ide, Junya; Muramatsu, Shigeki; Nakada, Yasuo; and Kitano, Noritoshi, to Sankyo Company Limited. 5-oxime derivatives of milbemycins and veterinary and agricultural use thereof. 4,547,520, 10-15-85, Cl. 514-450.000.
- Ide, Jushi: *See—*
  - Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.
  - Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, 4,523,272, Cl. 364-200.000.
  - Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.
  - Yabuuchi, Shigeru; Endoh, Takeyuki; Kodama, Kazuyuki; and Ide, Jushi, 4,497,035, Cl. 364-577.000.
- Ide, Kyozoh: *See—*
  - Komatsubara, Yoshiaki; Ide, Kyozoh; and Munakata, Eiko, 4,519,678, Cl. 350-338.000.
- Ide, Russell D. Pad-type hydrodynamic bearing. 4,496,251, 1-29-85, Cl. 384-117.000.
- Ide, Russell D. Elastomeric supported hydrodynamic bearing. 4,515,486, 5-7-85, Cl. 384-117.000.
- Ide, Russell D. Hydrodynamic bearing surface for high loads and low viscosity lubricating fluids. 4,526,482, 7-2-85, Cl. 384-104.000.
- Ide, Satoshi: *See—*
  - Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, 4,530,773, Cl. 252-67.000.
  - Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, 4,557,851, Cl. 252-70.000.
- Ide, Susumu: *See—*
  - Irie, Hiroyuki; Ide, Susumu; Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,542,322, Cl. 315-366.000.
  - Kohashi, Tadao; Irie, Hiroyuki; Ide, Susumu; and Esaki, Hiroshi, 4,525,727, Cl. 346-140.00R.
- Ide, Tatsumi; and Morimoto, Masayuki, to NEC Corporation. Polar relay. 4,542,359, 9-17-85, Cl. 335-78.000.
- Ide, Tatsumi: *See—*
  - Okihara, Naoto; Morimoto, Masayuki; and Ide, Tatsumi, 4,535,311, Cl. 335-124.000.
- Ide, Toshiaki: *See—*
  - Nishimatsu, Masaharu; Ide, Toshiaki; Arioka, Hiroyuki; and Kubota, Yuichi, 4,547,419, Cl. 428-212.000.
- Idea Development Company, Inc.: *See—*
  - Laux, Keith R.; and Getgey, William F., 4,506,894, Cl. 273-425.000.
- Idea Development Corporation: *See—*
  - Allison, Robert A., 4,505,445, Cl. 244-134.00B.
- Idea Development Engineers of Arizona, Inc.: *See—*
  - Nordquist, Dennis D.; and Vandewege, Derron G., 4,503,755, Cl. 98-110.000.
- Idea Engineering Company: *See—*
  - Brown, Richard L., 4,549,680, Cl. 226-76.000.
- Idea Pioneer, Inc.: *See—*
  - Trammell, Earl M., Jr., 4,541,311, Cl. 81-3.800.
- Ideal Carbide Die Co.: *See—*
  - Haerther, William W.; and Hartz, T. Jayes, 4,540,879, Cl. 219-61.300.
- Ideal Industries, Inc.: *See—*
  - Masheris, Fred; Michaels, Leonard H.; Scott, William J.; and Voss, Roy N., 4,549,038, Cl. 174-65.0SS.
  - Scott, William J., 4,532,679, Cl. 24-16.0PB.
  - Voss, Roy N.; and Peplow, Marvin J., 4,530,472, Cl. 242-55.300.
  - Wells, Peter M., Jr., 4,503,390, Cl. 324-133.000.
- Ideal School Supply Corporation: *See—*
  - Bautista, John; and Miller, Lawrence H., 4,494,430, Cl. 83-468.000.
- Ideal Security Hardware Corporation: *See—*
  - Arneberg, Walter, 4,514,878, Cl. 16-300.000.
- Ideal Standard S.p.A.: *See—*
  - Biadigo, Mario; and Zucchi, Gianfranco, 4,553,920, Cl. 425-267.000.
  - Biadigo, Mario; and Zucchi, Gianfranco, 4,555,229, Cl. 425-267.000.
- Ideas That Sell, Inc.: *See—*
  - Massino, Chester F., 4,542,902, Cl. 273-65.00A.

- Idec Izumi Corporation: *See*—
  - Fujita, Teizo; and Tsuji, Yoshitaka, 4,519,668, Cl. 339-241.000.
  - Iwamoto, Kazumasa; Mabuchi, Naoki; and Kawano, Junji, 4,542,953, Cl. 339-198.0GA.
- Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; and Heitz, Walter, to Bayer Aktiengesellschaft. Process for the production of optionally branched polyarylene sulphides with polyhalogenated polyaromatic compound. 4,525,579, 6-25-85, Cl. 528-388.000.
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  - Ostlinning, Edgar; and Idel, Karsten, 4,500,702, Cl. 528-388.000.
  - Ostlinning, Edgar; and Idel, Karsten, 4,501,884, Cl. 528-388.000.
- Idel, Karsten-Josef: *See*—
  - Ebert, Wolfgang; Meyer, Rolf-Volker; Idel, Karsten-Josef; and Dhein, Rolf, 4,535,149, Cl. 528-388.000.
- Idelman, Lloyd B.: *See*—
  - Bellah, Glen R.; Mylander, Richard H.; Idelman, Lloyd B.; and Coons, Robert R., 4,494,418, Cl. 74-475.000.
- Idemitsu Kosan Company Limited: *See*—
  - Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.
  - Hironaka, Yoshio; and Kumazawa, Takashi, 4,551,555, Cl. 568-401.000.
  - Honma, Junji, 4,556,537, Cl. 422-49.000.
  - Iino, Mitsuaki; and Kanamori, Hideo, 4,548,226, Cl. 137-91.000.
  - Ikeda, Makoto; and Nakamura, Akira, 4,551,258, Cl. 252-32.70E.
  - Inoue, Kazuo; and Imahashi, Akio, 4,529,526, Cl. 252-32.70E.
  - Kanamori, Hideo, 4,518,512, Cl. 252-49.500.
  - Katayama, Takao, 4,497,721, Cl. 252-56.00R.
  - Katayama, Takao; and Takesue, Masahiko, 4,501,678, Cl. 252-32.70E.
  - Kunihiro, Takatoshi; and Tsuchiya, Koji, 4,521,296, Cl. 208-87.000.
  - Mizogami, Shigeyoshi; and Akimoto, Shinichi, 4,518,751, Cl. 526-114.000.
  - Nakai, Masayuki, 4,508,539, Cl. 44-10.00D.
  - Nakanishi, Masayuki, 4,510,062, Cl. 252-45.000.
  - Oda, Sumihiro; and Sato, Haruhito, 4,491,678, Cl. 585-466.000.
  - Origuchi, Shingo, 4,506,801, Cl. 221-26.000.
  - Sato, Haruhito, 4,503,164, Cl. 502-202.000.
  - Sato, Haruhito, 4,520,219, Cl. 585-462.000.
  - Sato, Mikio, 4,539,125, Cl. 252-32.70E.
  - Seiki, Hiromichi, 4,519,927, Cl. 252-49.600.
  - Takematsu, Tetsuo; Kikkawa, Nobuyuki; and Ogawa, Hideaki, 4,502,883, Cl. 71-118.000.
  - Taniguchi, Isoji; and Kimura, Yoshiharu, 4,514,555, Cl. 528-9.000.
  - Taniguchi, Isoji; Kimura, Yoshiharu; and Ichimura, Toshiaki, 4,533,712, Cl. 528-9.000.
  - Tsubouchi, Toshiyuki; and Hata, Hitoshi, 4,521,324, Cl. 252-73.000.
  - Tsubouchi, Toshiyuki; and Hata, Hitoshi, 4,525,290, Cl. 252-73.000.
  - Tsubouchi, Toshiyuki; and Hata, Hitoshi, 4,556,503, Cl. 252-73.000.
- Idemitsu Petrochemical Co., Ltd.: *See*—
  - Fujii, Atsushi, 4,548,778, Cl. 264-180.000.
  - Isogai, Osamu; and Kagiya, Toshihumi, 4,550,134, Cl. 524-413.000.
  - Kasahara, Toshikazu; and Nishikawa, Tsutomu, 4,550,145, Cl. 525-267.000.
  - Misasa, Mitsugu; and Hirayama, Ryoichi, 4,559,266, Cl. 428-341.000.
  - Tanaka, Kenji; Sugawara, Akinobu; and Yamawaki, Takashi, 4,550,143, Cl. 525-240.000.
- Idenden, Frederick W.: *See*—
  - Friedes, Albert; Greene, Thomas V.; Idenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., 4,555,594, Cl. 179-18.00B.
- Idenden, John E., to Exxon Research & Engineering Co. Fractionation system. 4,545,861, 10-8-85, Cl. 203-2.000.
- Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito, to Shimadzu Corporation; and Nitto Boseki Co. Ltd. Method and apparatus for winding glass fibers. 4,511,095, 4-16-85, Cl. 242-18.00G.
- Ideno, Hiroaki: *See*—
  - Horikiri, Kenji; Ueda, Fumio, and Ideno, Hiroaki, 4,519,679, Cl. 350-339.00R.
  - Ueda, Fumio; Tsuboi, Yoshiaki; Arai, Hirotsugu; Horikiri, Kenji; and Ideno, Hiroaki, 4,518,959, Cl. 340-784.000.
- Ideno, Shigeru: *See*—
  - Nakamura, Kenji; and Ideno, Shigeru, 4,517,550, Cl. 340-347.0CC.
- Identix Incorporated: *See*—
  - Fowler, Randall C.; Ruby, Kenneth; and Sartor, Thomas F., Jr., 4,537,484, Cl. 354-62.000.
- Idesawa, Isao, to Nissin Kogyo Kabushiki Kaisha. Automatic braking-gap adjuster system for mechanical drum brakes. 4,494,633, 1-22-85, Cl. 188-329.000.
- Idesawa, Isao: *See*—
  - Fukuzawa, Genichiro; and Idesawa, Isao, 4,530,424, Cl. 188-196.00D.
- Ideta, Yasufumi, to Nissan Motor Company, Limited. Check valve used with vacuum system for an automotive vehicle. 4,531,624, 7-30-85, Cl. 192-0.094.
- Ideta, Yasufumi, to Nissan Motor Company, Limited. Control system for a vane type variable displacement pump. 4,531,898, 7-30-85, Cl. 418-26.000.
- Ideta, Yasufumi; and Fujikawa, Tadashi, to Nissan Motor Company, Limited. Vaned hydraulic system. 4,541,791, 9-17-85, Cl. 418-182.000.
- Ideya Co., Ltd.: *See*—
  - Fukuda, Yoshinori, 4,526,185, Cl. 134-159.000.
- Iding, Stephen H.; and Callicott, Robert H., to Procter & Gamble Company, The. Synthetic surfactant flakes and process for making them. 4,534,879, 8-13-85, Cl. 252-174.000.
- Idler, Horst: *See*—
  - Bloch, Samuel; Bressler, Klaus; Idler, Horst; and Kleiber, Herbert, 4,506,332, Cl. 364-483.000.
- IDN Inventions and Development of Novelties AG: *See*—
  - Ackeret, Peter, 4,493,417, Cl. 206-387.000.
  - Ackeret, Peter, 4,538,729, Cl. 206-387.000.
- Idner, Kristina: *See*—
  - Norrstrom, Hans; and Idner, Kristina, 4,534,397, Cl. 162-23.000.
- Ido, Akinori; and Uchida, Goro , to Toyota Jidosha Kabushiki Kaisha; and Nippondenso Co., Ltd. Air conditioner for vehicle. 4,545,526, 10-8-85, Cl. 237-12.30A.
- Ido, Tadashi: *See*—
  - Kubo, Osamu; Ido, Tadashi; Nomura, Tutomu; and Maeda, Tatsumi, 4,493,874, Cl. 428-403.000.
- Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Rotary actuator. 4,491,815, 1-1-85, Cl. 335-229.000.
- Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, to Nippon Soken, Inc.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Rotary solenoid actuator. 4,496,134, 1-29-85, Cl. 251-65.000.
- Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Rotary drive apparatus with permanent magnets on the rotor and stator. 4,533,847, 8-6-85, Cl. 310-181.000.
- Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, to Nippon Soken, Inc.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Rotary driving apparatus. 4,546,338, 10-8-85, Cl. 335-229.000.
- Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Solenoid valve. 4,561,629, 12-31-85, Cl. 251-65.000.
- Idol, Charles A. Transmitter testing method. 4,491,973, 1-1-85, Cl. 455-115.000.
- Idota, Yoshio; and Inoue, Noriyuki, to Fuji Photo Film Co., Ltd. Silver salt diffusion transfer process using hydroxylamine and pyrazolidinone developing agents. 4,514,488, 4-30-85, Cl. 430-234.000.
- Idota, Yoshio, to Fuji Photo Film Co., Ltd. Image formation by silver salt diffusion transfer process comprising mercaptotriazole and thiouracil. 4,526,857, 7-2-85, Cl. 430-248.000.
- Idstein, Hermann, to Hoechst Aktiengesellschaft. Pressure-contact and lift-off arrangement. 4,493,123, 1-15-85, Cl. 15-4.000.
- Idttkow, Inc.: *See*—
  - Johnson, Randolph K., 4,514,993, Cl. 62-372.000.
- Ie, Katsuji: *See*—
  - Iida, Shinzo; Ie, Katsuji; and Miyazaki, Jun, 4,513,806, Cl. 164-413.000.
- IE PE GE B.V.: *See*—
  - Van Gils, Antonius C. M., 4,522,036, Cl. 62-157.000.
- Iemura, Shigeru; and Kawano, Akira, to Matsushita Graphic Communications Systems, Inc. Recording apparatus. 4,559,545, 12-17-85, Cl. 346-155.000.
- Iemura, Takusuke; Goto, Takeshi; and Komaki, Hiroshi, to Okamura Corp. Rotatable stock container closet. 4,531,789, 7-30-85, Cl. 312-268.000.
- Ife, Robert J., to Smith Kline & French Laboratories Limited. 2-(2-pyridylaminoalkylamino)-4-pyrimidones. 4,532,246, 7-30-85, Cl. 514-275.000.
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- Ife, Robert J., to Smith Kline & French Laboratories Limited. Pyridylaminoalkylaminopyrimidones useful as histamine H_1-antagonists. 4,548,940, 10-22-85, Cl. 514-272.000.
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  - Brown, Thomas H.; and Ife, Robert J., 4,496,567, Cl. 514-272.000.
  - Brown, Thomas H.; and Ife, Robert J., 4,539,207, Cl. 514-272.000.
  - Ganellin, Charon R.; Ife, Robert J.; and Owen, David A. A., 4,558,128, Cl. 544-320.000.
- Ifield Engineering Pty. Limited: *See*—
  - Frazer, Hugh I., 4,540,221, Cl. 308-5.00R.
  - Frazer, Hugh I., 4,540,345, Cl. 417-269.000.
- IFM-Akustikbyran AB: *See*—
  - Hagbjer, Gunnar, 4,527,371, Cl. 52-309.160.
- IFM Electronic GmbH: *See*—
  - Buck, Robert; and Lamarche, Jean L., 4,543,497, Cl. 307-308.000.
  - Buck, Robert; and Lamarche, Jean L., 4,551,637, Cl. 307-308.000.
- Iga, Akira; Odaka, Kentaro; and Yasuda, Nobuyuki, to Sony Corporation. Method for transmitting time-sharing multidata. 4,491,943, 1-1-85, Cl. 370-13.000.
- Iga, Motoichi: *See*—
  - Nomaki, Koji; Mase, Hiroshi; Sato, Yasuo; and Iga, Motoichi, 4,548,636, Cl. 65-99.200.
- Igaki, Seigo; Nakakuki, Tadao; Inagaki, Takefumi; Oikawa, Shuetsu; and Fujimura, Takashi, to Fujitsu Limited. Apparatus for detecting edge of semitransparent plane substance. 4,559,452, 12-17-85, Cl. 250-560.000.
- Igarashi, Akira; and Matsukawa, Hiroharu, to Fuji Photo Film Co., Ltd. Heat sensitive recording material. 4,539,578, 9-3-85, Cl. 346-207.000.
- Igarashi, Akira: *See*—
  - Iwakura, Ken; and Igarashi, Akira, 4,520,377, Cl. 346-208.000.
  - Yoneda, Junichi, and Igarashi, Akira, 4,554,566, Cl. 346-207.000.

Igarashi, Chikara: *See—*
Hashimoto, Takashi; and Igarashi, Chikara, 4,532,165, Cl. 428-36.000.
Igarashi, Hideaki: *See—*
Kobayashi, Waichi; Yoshida, Kozaburo; and Igarashi, Hideaki, 4,545,975, Cl. 423-636.000.
Igarashi, Hiroo: *See—*
Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, 4,533,514, Cl. 376-308.000.
Igarashi, Hiroshi, to Fujitsu Limited. FET power amplifying apparatus. 4,550,290, 10-29-85, Cl. 330-149.000.
Igarashi, Hisashi: *See—*
Sakaino, Michio; Igarashi, Hisashi; and Taniguchi, Yutaka, 4,495,904, Cl. 123-179.00G.
Igarashi, Hitoshi: *See—*
Kamijo, Atsushi; and Igarashi, Hitoshi, 4,549,059, Cl. 219-56.210.
Shimizu, Shigeaki; Kubo, Yoshimi; Arai, Yoshio; Suzuki, Tetsuo; and Igarashi, Hitoshi, 4,517,727, Cl. 29-570.000.
Igarashi, Isao: *See—*
Noguchi, Masaaki; Tanaka, Yukiyasu; and Igarashi, Isao, 4,491,096, Cl. 123-51.00B.
Igarashi, Kazumasa; Yamaguchi, Katsuhiko; and Tanaka, Munekazu, to Nitto Electric Industrial Co., Ltd. Process for producing polyimide precursor. 4,499,252, 2-12-85, Cl. 528-38.000.
Igarashi, Kazumasa; Yamaguchi, Katsuhiko; Iko, Kazuo; and Miki, Kazuyuki, to Nitto Electric Industrial Co., Ltd. Siloxane-modified polyimide precursor and polyimide. 4,520,075, 5-28-85, Cl. 428-435.000.
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Yoshimoto, Takeo; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,497,828, Cl. 514-603.000.
Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,551,478, Cl. 514-603.000.
Igarashi, Kikuo; and Honma, Tsunetoshi, to Shionogi & Co., Ltd. Process for production of diltiazem hydrochloride. 4,552,695, 11-12-85, Cl. 260-239.30B.
Igarashi, Kimizo; Takigawa, Katsumi; Muchi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio, to Sony Corporation. Method of fixing an electron gun assembly into the neck of a cathode ray tube and structure so produced. 4,526,601, 7-2-85, Cl. 65-59.100.
Igarashi, Kouhei; and Tomita, Kazuo, to Toyota Jidosha Kabushiki Kaisha. Optimum shift position indicating device of vehicle. 4,492,112, 1-8-85, Cl. 73-117.300.
Igarashi, Lawrence Y. Golf club. 4,523,759, 6-18-85, Cl. 273-169.000.
Igarashi, Makoto; Kumagami, Naoki; and Okano, Kiichiro, to Toppan Printing Co., Ltd. Method for returning a movable part to the original point. 4,553,079, 11-12-85, Cl. 318-626.000.
Igarashi, Masahiko: *See—*
Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.
Igarashi, Masaru: *See—*
Takahashi, Yuji; Masaki, Hisaji; Adachi, Muneo; and Igarashi, Masaru, 4,501,419, Cl. 271-288.000.
Igarashi, Michiaki; Inui, Takayasu; Otsuka, Kazuo; Nogami, Saburo; and Nishimura, Satoru, to Kabushiki Kaisha Komatsu Seisakusho. Control system for hydraulic pumps of a civil machine. 4,507,057, 3-26-85, Cl. 417-216.000.
Igarashi, Sachio; and Yamazaki, Kyuya, to Takeda Chemical Industries, Ltd. Adhesive compositions. 4,503,189, 3-5-85, Cl. 525-104.000.
Igarashi, Sachio: *See—*
Yamazaki, Kyuya; and Igarashi, Sachio, 4,507,447, Cl. 525-528.000.
Igarashi, Sadao, to Alps Electric Co., Ltd. Microwave circuit apparatus. 4,504,796, 3-12-85, Cl. 330-286.000.
Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, to Hitachi, Ltd.; and Hitachi Keiyo Engineering Co., Ltd. Control apparatus for induction motor. 4,532,464, 7-30-85, Cl. 318-807.000.
Igarashi, Sadayuki: *See—*
Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, 4,516,065, Cl. 318-811.000.
Igarashi, Seiko: *See—*
Izumi, Takayuki; Naito, Tsutomu; and Igarashi, Seiko, 4,533,461, Cl. 208-44.000.
Igarashi, Taisei: *See—*
Inaba, Yukio; Igarashi, Taisei; Tahara, Susumu; and Miyatake, Takashi, 4,540,800, Cl. 549-462.000.
Igarashi, Taizo; Higuchi, Hisao; and Yamazaki, Shingo, to Nippon Oil and Fats Co., Ltd. Method for preparing coal-water slurry. 4,552,568, 11-12-85, Cl. 44-51.000.
Igarashi, Takashi; Mukai, Nakashiro; and Otsuki, Haruki, to Iseki & Co., Ltd. Speed-changing transmission device for vehicles. 4,538,475, 9-3-85, Cl. 74-368.000.
Igarashi, Tatsuo: *See—*
Harada, Tsuneo; Takemoto, Hisao; and Igarashi, Tatsuo, 4,506,011, Cl. 435-70.000.
Igarashi, Tatsushi: *See—*
Arai, Tetsuji; and Igarashi, Tatsushi, 4,540,911, Cl. 313-44.000.
Arai, Tetsuji; and Igarashi, Tatsushi, 4,543,472, Cl. 219-411.000.
Igarashi, Toru: *See—*
Kanda, Tikara; and Igarashi, Toru, 4,528,755, Cl. 33-172.00R.
Igarashi, Yoshimasa: *See—*
Ai, Minoru; Manabe, Akira; Igarashi, Yoshimasa; and Mizuno, Katsuya, 4,493,644, Cl. 433-75.000.
Igarashi, Yoshinori: *See—*
Niinomi, Masahiro; Okubo, Yukihiro; Igarashi, Yoshinori; and Yoshinari, Masashi, 4,546,166, Cl. 528-60.000.
Igarashi, Yuriko: *See—*
Okada, Yoshio; and Igarashi, Yuriko, 4,562,116, Cl. 428-402.210.
Takahashi, Masaaki; Hattori, Yuji; and Igarashi, Yuriko, 4,557,755, Cl. 71-100.000.
Igarasi, Seizi: *See—*
Miyashiro, Yutaka; Ogawa, Masao; Yamazaki, Yoshio; and Igarasi, Seizi, 4,493,894, Cl. 435-178.000.
Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, to Nippon Soken, Inc. Fuel injection system for an internal combustion engine. 4,499,878, 2-19-85, Cl. 123-478.000.
Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Fuel quantity control apparatus of supercharged diesel engine with safety measures. 4,512,307, 4-23-85, Cl. 123-383.000.
Igashira, Toshihiko; and Yoshinaga, Toru, to Nippon Soken, Inc. Spark plug having dual gaps for internal combustion engines. 4,514,657, 4-30-85, Cl. 313-130.000.
Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, to Nippon Soken, Inc. Piezo-type valve. 4,529,164, 7-16-85, Cl. 251-129.000.
Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, to Nippon Soken, Inc. Fuel injection apparatus for an internal combustion engine. 4,535,743, 8-20-85, Cl. 123-472.000.
Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Fuel injection apparatus. 4,546,749, 10-15-85, Cl. 123-506.000.
Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, to Nippon Soken, Inc. Piezoelectric hydraulic control valve. 4,550,744, 11-5-85, Cl. 137-80.000.
Igashira, Toshihiko: *See—*
Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.
Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, 4,535,735, Cl. 123-310.000.
Igawa, Junichi: *See—*
Miura, Shigetaka; Igawa, Junichi; and Takata, Satoru, 4,496,902, Cl. 324-150.000.
Igawa, Kazushige: *See—*
Arika, Junji; Miyazaki, Hiroshi; Igawa, Kazushige; and Itabashi, Keiji, 4,562,055, Cl. 423-329.000.
Igawa, Tatsuo: *See—*
Umeda, Takao; Simazaki, Yuzuru; Igawa, Tatsuo; Tanno, Seikichi; Sasaki, Ken; and Miyashita, Takao, 4,505,546, Cl. 350-334.000.
Igawa, Tatsuya: *See—*
Sato, Morio; and Igawa, Tatsuya, 4,550,660, Cl. 101-128.210.
Igefjord, Magnus G. K.: *See—*
Hansson, Ingvar J. M.; Hakansson, Hakan B.; Igefjord, Magnus G. K.; and Wall, Berth-Ove G., 4,507,854, Cl. 29-612.000.
Igelbuscher, Heinrich: *See—*
Holter, Heinz; Igelbuscher, Heinrich; Gresch, Heinrich; and Dewert, Heribert, 4,530,817, Cl. 422-122.000.
Holter, Heinz; Igelbuscher, Heinrich; Gresch, Heinrich; and Dewert, Heribert, 4,551,304, Cl. 422-4.000.
Igersheim, Francoise: *See—*
Costantini, Michel; Igersheim, Francoise; and Krumenacker, Leon, 4,560,801, Cl. 568-362.000.
IGI Biotechnology, Inc.: *See—*
Keggins, Kathleen M.; Davis, Ann C.; Sybert, Edward M.; Mays, Thomas D.; and Milch, Robert A., 4,544,637, Cl. 435-253.000.
McCandliss, Russell J.; Eastwood, Barbara J.; and Milch, Robert A., 4,536,207, Cl. 71-88.000.
Milch, Robert A.; Guerry-Kopecko, Patricia; Koeble-Smith, Carol; and Sybert, Edward M., 4,547,226, Cl. 127-41.000.
Igi, Keishiro: *See—*
Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,496,714, Cl. 528-272.000.
Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.
Igielska, Jadwiga, to Transconsultants AB. Guide system for use on a ship. 4,530,628, 7-23-85, Cl. 410-40.000.
Iglehart, T. R.: *See—*
Wharton, E. B.; and Iglehart, T. R., 4,540,420, Cl. 55-181.000.
Iglesias, David E.: *See—*
Allyn, Christopher L.; Flahive, Peter G.; Iglesias, David E.; Schlosser, Wolfgang O. W.; and Wemple, Stuart H., 4,498,093, Cl. 357-22.000.
Ignacek, James F., to United States of America, Army. Ammunition magazine. 4,503,750, 3-12-85, Cl. 89-34.000.
Ignatuk, Wayne R.; and Plocic, Frank M., to Litton Systems, Inc. Apparatus for preparing an optical workpiece. 4,501,091, 2-26-85, Cl. 51-102.000.
IGT: *See—*
Carmean, Wesley F., 4,517,654, Cl. 364-521.000.
Iguchi, Eiko: *See—*
Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko;

- Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Iguchi, Hideaki; Sakai, Takayoshi; and Ohashi, Hajime, to Yamazaki Machinery Works, Ltd. Method of determining coordinate system in machining center. 4,561,050, 12-24-85, Cl. 364-167.000.

Iguchi, Katsuhiko; Wada, Hidemi; and Wakita, Ryuichi, to Toshiba Kikai Kabushiki Kaisha. Method and apparatus for adjusting die clearance. 4,514,348, 4-30-85, Cl. 264-40.100.

Iguchi, Takashi: *See—*
- Itakura, Gen; Kuramitsu, Hideki; Iguchi, Takashi; Kuroda, Takayuki; and Nagase, Kaneomi, 4,558,020, Cl. 501-137.000.

Iguchi, Takeyoshi: *See—*
- Hamaguchi, Takehiko; Hazama, Kiyoaki; Iwaida, Kenichi; and Iguchi, Takeyoshi, 4,545,661, Cl. 354-86.000.

Iguchi, Yoji: *See—*
- Kakumoto, Hiromi; Ihara, Shinji; Iguchi, Yoji; and Miyata, Makoto, 4,509,259, Cl. 30-34.100.

Igura, Kenkichi, to Ichikoh Industries Limited. Device for adjusting the inclination of the light axis of a headlamp for motor vehicles. 4,524,407, 6-18-85, Cl. 362-66.000.

Ih, Charles S.: *See—*
- Scott, William R., and Ih, Charles S., 4,523,469, Cl. 73-603.000.

Iha, Kiyoshi: *See—*
- Henry, Susanne G.; Tsunemura, Kazuo; and Iha, Kiyoshi, 4,538,661, Cl. 160-35.000.

Ihara Chemical Industry Co., Ltd.: *See—*
- Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.
- Ohtani, Masaaki; Harada, Takao; Oyaizu, Yoshijiro; and Kobayashi, Tatsuhiko, 4,542,070, Cl. 428-416.000.

Ihara, Hirokazu: *See—*
- Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, 4,510,492, Cl. 340-825.050.

Ihara, Hiroyuki; Takahashi, Kazuo; Matsubara, Michiro; Kumata, Fumio; and Sanami, Yoshitomo, to Mitsubishi Oil Company, Limited. Continuous process for the production of solvents for coal liquefaction. 4,495,089, 1-22-85, Cl. 252-364.000.

Ihara, Kiyohiko: *See—*
- Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, 4,499,249, Cl. 526-206.000.
- Nakagawa, Shinichi; Ihara, Kiyohiko; and Sogabe, Toshio, 4,513,129, Cl. 526-249.000.
- Nakagawa, Shinichi; and Ihara, Kiyohiko, 4,521,575, Cl. 526-206.000.

Ihara, Shinji: *See—*
- Ando, Hiroyuki; Tanabe, Toshio; and Ihara, Shinji, 4,555,349, Cl. 30-388.000.
- Kakumoto, Hiromi; Ihara, Shinji; Iguchi, Yoji; and Miyata, Makoto, 4,509,259, Cl. 30-34.100.

Ihasz, Richard: *See—*
- Aranyi, Ernie; Ihasz, Richard; Gravener, Roy D.; and Tovey, Hugh J., 4,513,746, Cl. 128-334.00C.

Ihbe, Jorg; Taubenmann, Peter; Thiele, Heino; and Zettler, Hans-Dieter, to BASF Aktiengesellschaft. Apparatus for producing a mixture from two or more plastic components. 4,505,592, 3-19-85, Cl. 366-134.000.

IHC Holland N.V.: *See—*
- Brekelmans, Henricus J. P. M., 4,559,813, Cl. 73-61.400.
- Brouwer, Cornelis A., 4,531,469, Cl. 114-29.000.
- Langejan, Hendrik, 4,502,405, Cl. 114-26.000.
- Roggeveen, Hans D. H., 4,548,147, Cl. 114-36.000.
- Stigter, Jan, 4,505,215, Cl. 114-29.000.
- Van Prooijen, Pieter, 4,555,947, Cl. 73-861.060.
- Verboom, Pieter, 4,557,832, Cl. 210-242.300.

Ihde, Richard C., to Champion International Corporation. Reinforcement for bottom major horizontal score line of container. 4,558,814, 12-17-85, Cl. 229-17.00R.

Ihde, Richard C.: *See—*
- Thompson, Kenneth P.; and Ihde, Richard C., 4,513,036, Cl. 428-35.000.

Ihikura, Shinichi; Kanda, Kazunori; and Nakaya, Toshiharu, to Nippon Paint Co., Ltd. Novel aqueous coating composition. 4,510,275, 4-9-85, Cl. 523-412.000.

Ihler, Garret M.: *See—*
- DeLoach, John R.; Harris, Robert L.; Mayer, Richard T.; and Ihler, Garret M., 4,517,080, Cl. 210-85.000.

Ihlow, Rolf. Onion peeling device. 4,545,297, 10-8-85, Cl. 99-586.000.

Ihm, Gerald J.: *See—*
- Roeth, Kenneth M.; and Ihm, Gerald J., 4,540,220, Cl. 301-125.000.

Ihnativ, Lawrence Waldemar: *See—*
- Phong-Anant, Dheera, 4,506,631, Cl. 122-2.000.

Ihochi, Akihiko: *See—*
- Nakanishi, Sadao; Nakajima, Yoshihiro; Kawano, Hitoshi; Ihochi, Akihiko; Ogasawara, Takaaki; and Maruyama, Tokuji, 4,544,826, Cl. 219-137.0PS.

Ii, Motohiko: *See—*
- Goto, Takaharu; Sato, Takeshi; Sakai, Kouzou; and Ii, Motohiko, 4,547,223, Cl. 106-90.000.

Ii, Tadashi. Nozzle for atomizing fluids. 4,546,923, 10-15-85, Cl. 239-406.000.

Ii, Yasuaki: *See—*
- Kishida, Kazuo; Sasaki, Isao; Mori, Hiroshi; and Ii, Yasuaki, 4,550,130, Cl. 523-436.000.
- Sasaki, Isao; Ii, Yasuaki; and Mori, Hiroshi, 4,507,423, Cl. 524-427.000.

Iiams, Donald E., Jr. Symmetrical folded alley game board. 4,502,686, 3-5-85, Cl. 273-126.00R.

IIC Mechanical Products Limited: *See—*
- Humphrey, Frederick H.; and Humphrey, Brock H., 4,526,195, Cl. 137-512.100.

Iida, Akio: *See—*
- Katagiri, Nobuhiko; Matsubara, Hidenobu; and Iida, Akio, 4,520,864, Cl. 165-60.000.

Iida, Atsuo: *See—*
- Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.

Iida, Giichi: *See—*
- Kawaharazuka, Yukio; and Iida, Giichi, 4,552,100, Cl. 123-2.000.

Iida, Hideo, to Nissan Motor Company, Limited. Weft picking system of loom and method for operating same. 4,550,754, 11-5-85, Cl. 139-452.000.

Iida, Hideyo; Kato, Koumei; Mishuku, Toshio; and Fujimaki, Yukiko, to Taiyo Yuden Kabushiki Kaisha. Flexible insulative substrates having two glass layers at least one side thereof and a method for making such substrates. 4,510,195, 4-9-85, Cl. 428-215.000.

Iida, Hideyo: *See—*
- Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.

Iida, Kazuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for displaying stored picture information in association with a cursor. 4,503,427, 3-5-85, Cl. 340-731.000.

Iida, Kazuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Picture information filing system for permanently storing portions of previously permanently stored data logically combining the portions. 4,517,658, 5-14-85, Cl. 364-900.000.

Iida, Kazuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Picture information display device. 4,520,399, 5-28-85, Cl. 358-287.000.

Iida, Kazuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Display device including apparatus for rotating the image to be displayed. 4,554,638, 11-19-85, Cl. 364-521.000.

Iida, Kazumi; and Ikeda, Kenji, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Apparatus for operating an outboard motor. 4,549,869, 10-29-85, Cl. 440-84.000.

Iida, Kazumi: *See—*
- Tamura, Kazuhisa; Iida, Kazumi; and Koshimo, Masahiko, 4,559,024, Cl. 464-63.000.
- Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.

Iida, Kazuyoshi: *See—*
- Nomoto, Sadao; and Iida, Kazuyoshi, 4,509,061, Cl. 346-107.00R.

Iida, Manjiro: *See—*
- Murayama, Masaki; and Iida, Manjiro, 4,514,808, Cl. 364-200.000.

Iida, Masanao: *See—*
- Toma, Ken; Iida, Masanao; and Takeuchi, Yo, 4,511,632, Cl. 428-654.000.

Iida, Noboru: *See—*
- Ishikawa, Katsutoshi; Shimotori, Hitoshi; Iida, Noboru; Akihiro, Kazuo; and Ozawa, Shuji, 4,540,698, Cl. 514-270.000.

Iida, Noriyoshi: *See—*
- Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.

Iida, Seiu; Inokuchi, Tomio; and Munakata, Hiroaki, to Mitsubishi Chemical Industries Limited. Hypoglycemic agents. 4,518,591, 5-21-85, Cl. 424-195.100.

Iida, Shinji, to Kansai Paint Co., Ltd. Air drying coating composition. 4,535,126, 8-13-85, Cl. 525-106.000.

Iida, Shinobu: *See—*
- Ryoke, Katsumi; Abe, Yasuhiro; Iida, Shinobu; and Tadokoro, Eiichi, 4,552,798, Cl. 428-194.000.
- Ryoke, Katsumi; Iida, Shinobu; Fujiyama, Masaaki; and Tadokoro, Eiichi, 4,552,799, Cl. 428-194.000.
- Yamaguchi, Nobutaka; Iida, Shinobu; Okutu, Toshimitu; Miyoshi, Takahito; Tadokoro, Eiichi; and Fujiyama, Masaaki, 4,544,601, Cl. 428-330.000.
- Yamaguchi, Nobutaka; Iida, Shinobu; Utsumi, Masahiro; Okutu, Toshimitu; Masuyama, Kenichi; and Tadokoro, Eiichi, 4,551,386, Cl. 428-323.000.

Iida, Shinzo; Ie, Katsuji; and Miyazaki, Jun, to Kabushiki Kaisha Kobe Seiko Sho. Apparatus for withdrawing solidified rod in horizontal type continuous casting machines. 4,513,806, 4-30-85, Cl. 164-413.000.

Iida, Takafumi: *See—*
- Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, 4,528,184, Cl. 424-79.000.

Iida, Takamitsu: *See—*
- Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.

Iida, Takao: *See—*

Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.

Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, 4,511,560, Cl. 514-27.000.

Iida, Takenobu; and Sasaki, Shunichi, to Iwasaki Electric Co., Ltd. High pressure metal vapor discharge lamp. 4,520,294, 5-28-85, Cl. 315-50.000.

Iida, Takenori: *See—*

Takai, Sakan; Iida, Takenori; and Kaneko, Keiichi, 4,549,282, Cl. 365-1.000.

Iida, Taketoshi: *See—*

Saito, Kazuyoshi; Iida, Taketoshi; Shirasaka, Toshio; and Takemura, Yasuhiko, 4,541,435, Cl. 128-660.000.

Iida, Teruhiko: *See—*

Takayama, Chitoshi; Hirao, Hideo; Yokouchi, Hideya; and Iida, Teruhiko, 4,494,159, Cl. 360-78.000.

Iida, Tetsuya; and Sakaue, Tatsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Charge-coupled device output circuit. 4,528,684, 7-9-85, Cl. 377-60.000.

Iida, Tomimaru. Desalting system utilizing solar energy. 4,525,242, 6-25-85, Cl. 202-177.000.

Iida, Yoshikazu; Hagyuda, Nobuyoshi; and Hasegawa, Hiroshi, to Nippon Kogaku K.K. Automatic control type electronic flash apparatus. 4,523,830, 6-18-85, Cl. 354-416.000.

Iida, Yoshikazu; and Hagyuda, Nobuyoshi, to Nippon Kogaku K.K. Electronic flash unit utilizing pre-flash illumination of flashtube. 4,555,648, 11-26-85, Cl. 315-241.00P.

Iida, Yoshikazu: *See—*

Hagyuda, Nobuyoshi; Hasegawa, Hiroshi; Iida, Yoshikazu; and Maida, Osamu, 4,519,683, Cl. 354-127.110.

Maida, Osamu; Hasegawa, Hiroshi; Hagyuda, Nobuyoshi; and Iida, Yoshikazu, 4,494,851, Cl. 354-421.000.

Iijima, Akihiro: *See—*

Tanaka, Toshiaki; Miyazaki, Hiroaki; Etoh, Yukihiro; Kanesaki, Nobukazu; and Iijima, Akihiro, 4,530,324, Cl. 123-300.000.

Iijima, Chiyoaki, to Epson Corporation. Liquid crystal composition and display device. 4,522,470, 6-11-85, Cl. 350-350.00R.

Iijima, Hiromichi: *See—*

Okamoto, Miyoshi; Iijima, Hiromichi; and Miyoshi, Akito, 4,557,972, Cl. 428-373.000.

Iijima, Hiroshi: *See—*

Tanaka, Osamu; Iijima, Hiroshi; Ito, Masayoshi; and Okigawa, Etsumi, 4,519,649, Cl. 297-316.000.

Iijima, Hitoshi: *See—*

Matsuoka, Fumio; Iijima, Hitoshi; Yamazaki, Kisuke; Kasagi, Hiroshi; Nakashima, Yasuo; Sakuma, Kiyoshi; and Umehara, Mitsuo, 4,499,739, Cl. 62-212.000.

Iijima, Junko: *See—*

Fujisawa, Noriyoshi; Ooshima, Katsuaki; Iijima, Junko; and Deguchi, Katsuhiko, 4,526,710, Cl. 252-545.000.

Iijima, Kenzaburo, to Nippon Gakki Seizo Kabushiki Kaisha. Magnetic tape. 4,495,241, 1-22-85, Cl. 428-328.000.

Iijima, Kenzaburo, to Nippon Gakki Seizo Kabushiki Kaisha. Method for producing a magnetic tape. 4,531,990, 7-30-85, Cl. 156-60.000.

Iijima, Kohta: *See—*

Yoshisato, Akiyuki; and Iijima, Kohta, 4,535,435, Cl. 369-126.000.

Iijima, Makoto: *See—*

Harada, Masato; Iijima, Makoto; and Saitoh, Noriaki, 4,499,194, Cl. 502-8.000.

Harada, Masato; Miya, Shinya; Yamada, Sadahiko; and Iijima, Makoto, 4,551,439, Cl. 502-107.000.

Iijima, Takahiro: *See—*

Maeda, Keikichi; and Iijima, Takahiro, 4,532,109, Cl. 422-240.000.

Maeda, Keikichi; Iijima, Takahiro; and Sato, Eiichi, 4,536,455, Cl. 428-629.000.

Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komahashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Method and apparatus for installation of a membrane to an electrolytic cell. 4,521,289, 6-4-85, Cl. 204-253.000.

Iijima, Toshifumi; Koboshi, Shigeharu; and Yamazaki, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Light-sensitive silver halide photographic material with microcapsules that dissolve at pH of at least 7. 4,491,627, 1-1-85, Cl. 430-138.000.

Iijima, Toshifumi; and Yamashita, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Multi-layer light-sensitive silver halide color photographic material. 4,521,507, 6-4-85, Cl. 430-503.000.

Iijima, Toshifumi; Nakagawa, Satoshi; and Menjo, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Light-sensitive silver halide photographic material. 4,543,323, 9-24-85, Cl. 430-503.000.

Iijima, Toshifumi; and Yamashita, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Silver halide color photographic light-sensitive material. 4,547,458, 10-15-85, Cl. 430-505.000.

Iijima, Toshifumi: *See—*

Yamashita, Kiyoshi; and Iijima, Toshifumi, 4,511,648, Cl. 430-503.000.

Iijima, Toshiki: *See—*

Funasaki, Ken; Iijima, Toshiki; and Kagohata, Tsuneo, 4,518,032, Cl. 165-12.000.

Iijima, Toshio: *See—*

Kido, Keishiro; Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,555,464, Cl. 430-67.000.

Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Kido, Keishiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,559,289, Cl. 430-66.000.

Iijima, Toshiyuji: *See—*

Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, 4,522,904, Cl. 430-54.000.

Iijima, Yoshio, to Daido Metal Company Ltd. Method for producing a connecting rod for a radial piston motor. 4,535,517, 8-20-85, Cl. 29-156.50A.

Iijima, Yoshitaka, to Nissan Motor Company, Limited. Supporting structure for a steering apparatus of the rack and pinion type. 4,531,426, 7-30-85, Cl. 74-498.000.

Iijima, Yoshitaka; Uno, Takaaki; and Watanabe, Mitsuru, to Nissan Motor Company, Limited. Differential gear housing supporting apparatus. 4,546,848, 10-15-85, Cl. 180-312.000.

Iijima, Yukihiko; and Kobayashi, Sadame, to Nippon Electric Co., Ltd. Television signal amplitude detection circuit. 4,511,920, 4-16-85, Cl. 358-139.000.

Iijima, Zenshiro, to Adger Kogyo Co., Ltd. Ink composition for writing instruments. 4,509,982, 4-9-85, Cl. 106-23.000.

Iimori, Akiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Electrophotographic apparatus. 4,549,805, 10-29-85, Cl. 355-3.0SH.

Iimori, Hiroshi: *See—*

Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,514,112, Cl. 405-269.000.

Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,545,702, Cl. 405-269.000.

Iimori, Takayuki; Terauchi, Kiyoshi; and Sakamoto, Seiichi, to Sanden Corporation. Orbiting member fluid displacement apparatus with rotation preventing mechanism. 4,492,543, 1-8-85, Cl. 418-55.000.

Iimura, Hironori: *See—*

Harada, Haruo; Fujiwara, Akira; Hatanaka, Yoshio; and Iimura, Hironori, 4,540,590, Cl. 426-324.000.

Iimura, Takashi: *See—*

Yanagihara, Masaki; and Iimura, Takashi, 4,516,078, Cl. 328-167.000.

Iimura, Wallace M.: *See—*

Gawlick, Dieter; Gray, James N.; Iimura, Wallace M.; and Obermarck, Ronald L., 4,507,751, Cl. 364-900.000.

Iimure, Tamio, to Nippon Paint Co., Ltd. Multicoat forming method. 4,501,767, 2-26-85, Cl. 427-44.000.

Iino, Kimio: *See—*

Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, 4,552,873, Cl. 514-210.000.

Iino, Mitsuaki; and Kanamori, Hideo, to Idemitsu Kosan Company Limited. Apparatus for adjusting the concentration of oil in a water-containing oil material. 4,548,226, 10-22-85, Cl. 137-91.000.

Iino, Shinji; Maruyama, Kensaku; Takenaga, Motoi; Muramoto, Kazuhiko; and Tsuhako, Mitsutomo, to Mitsui Toatsu Chemicals, Inc. Fine particulate crystalline aluminum orthophosphate and method for preparing same. 4,542,001, 9-17-85, Cl. 423-311.000.

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Iino, Toshiki; and Kamata, Kunio, to Hitachi, Ltd. Axial thrust balancing device for pumps. 4,538,960, 9-3-85, Cl. 415-104.000.

Iinuma, Daiwa: *See—*

Deguchi, Yutaka; Kouzuki, Rikuzou; Iinuma, Daiwa; Shiraki, Kenhachi; Sakamoto, Kiyoshi; Tsuboi, Kunio; and Shibata, Yoshitaka, 4,531,823, Cl. 355-3.00R.

Iinuma, Hironobu: *See—*

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.

Iinuma, Katsuharu: *See—*

Nishihata, Ken; Iinuma, Katsuharu; Yamada, Hitoshi; Hirano, Fumiya; and Tsuruoka, Takashi, 4,555,404, Cl. 514-201.000.

Iinuma, Kazumoto, to Nippon Electric Co., Ltd. Run length decoding apparatus. 4,499,498, 2-12-85, Cl. 358-261.000.

Iinuma, Kazumoto, to NEC Corporation. Method of processing picture signal to increase average run length and apparatus therefor. 4,533,957, 8-6-85, Cl. 358-261.000.

Iinuma, Kazumoto, to Nippon Electric Co., Ltd. Code conversion system. 4,534,055, 8-6-85, Cl. 381-34.000.

Iinuma, Masayuki: *See—*

Ochiai, Kuniaki; Norigoe, Takashi; and Iinuma, Masayuki, 4,547,085, Cl. 400-124.000.

Iio, Masahiro, to Diesel Kiki Co., Ltd. Lubricating oil-separating device in a refrigerant compressor for air conditioning systems. 4,493,624, 1-15-85, Cl. 418-98.000.

Iio, Takeshi, to Sanshin Kogyo Kabushiki Kaisha. Propeller. 4,545,771, 10-8-85, Cl. 440-89.000.

Iisakka, Veikko: *See—*

Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Iisakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, 4,491,952, Cl. 373-74.000.

IIT Research Institute: *See—*

Bridges, Jack E., 4,498,535, Cl. 166-248.000.

Bridges, Jack E.; Taflove, Allen; and Sresty, Guggilam C., 4,524,827, Cl. 166-248.000.

Bridges, Jack E.; and Taflove, Allen, 4,545,435, Cl. 166-248.000.

Iitsuka, Yoshitsune, to Nippon I.C.S. Co., Ltd. Coin crimper. 4,553,371, 11-19-85, Cl. 53-285.000.

Iiyama, Akihiro; Miyazaki, Hiroaki; Etoh, Yukihiro; and Tanaka, Toshiaki, to Nissan Motor Company, Limited. Fuel injection rate control system for an internal combustion engine. 4,531,491, 7-30-85, Cl. 123-357.000.

Iiyama, Hiroshi: *See*—
- Tanaka, Osamu; Watanabe, Noboru; and Iiyama, Hiroshi, 4,492,029, Cl. 33-366.000.

Iiyama, Kazunobu: *See*—
- Ishii, Mikio; Iiyama, Kazunobu; and Yazaki, Tomoyoshi, 4,520,034, Cl. 426-96.000.

Iiyama, Kiyotaka; and Taniguchi, Keishi, to Ricoh Company, Ltd. Thermosensitive recording material. 4,517,580, 5-14-85, Cl. 346-214.000.

Iiyama, Kiyotaka: *See*—
- Motosugi, Takanori; Sakai, Hisashi; and Iiyama, Kiyotaka, 4,507,670, Cl. 346-208.000.
- Taniguchi, Keishi; and Iiyama, Kiyotaka, 4,502,068, Cl. 346-216.000.
- Taniguchi, Keishi; and Iiyama, Kiyotaka, 4,511,910, Cl. 346-216.000.

Iizima, Kazuo: *See*—
- Sato, Masanori; and Iizima, Kazuo, 4,551,375, Cl. 428-57.000.

Iizima, Noriko: *See*—
- Miyata, Shigeo; and Iizima, Noriko, 4,547,620, Cl. 585-852.000.

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- Mino, Hisashi; and Iizima, Takeshi, 4,551,408, Cl. 430-141.000.

Iizuka, Eiichi; Sando, Tomoji; and Kashima, Shinji, to Showa Denko Kabushiki Kaisha. Method for growing diamond crystals. 4,547,257, 10-15-85, Cl. 156-603.000.

Iizuka, Eiichi; Sando, Tomoji; Kashima, Shinji; and Maki, Masakazu, to Showa Denko Kabushiki Kaisha. Method for growing boron nitride crystals of cubic system. 4,551,195, 11-5-85, Cl. 156-603.000.

Iizuka, Eiichi, to Showa Denko Kabushiki Kaisha. Process for producing boron nitride of cubic system. 4,551,316, 11-5-85, Cl. 423-290.000.

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- Ishikawa, Kazuhiro, 4,491,382, Cl. 339-259.00R.

Iizuka, Gorou: *See*—
- Ito, Kanichi; Hirayama, Yoshio; Takeuchi, Ryoichi; Kodaira, Masanori; and Iizuka, Gorou, 4,495,290, Cl. 435-315.000.

Iizuka, Hajime: *See*—
- Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.
- Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.
- Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; and Shirakawa, Isao, 4,539,150, Cl. 260-239.30B.
- Katakami, Tsutomu; Fukazawa, Nobuyuki; and Iizuka, Hajime, 4,539,151, Cl. 260-239.30B.

Iizuka, Hirokazu: *See*—
- Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.

Iizuka, Hirosi: *See*—
- Mizuno, Kaneyoshi; Nose, Isamu; and Iizuka, Hirosi, 4,520,500, Cl. 381-43.000.

Iizuka, Hisakazu: *See*—
- Masuoka, Fujio; and Iizuka, Hisakazu, 4,531,203, Cl. 365-218.000.

Iizuka, Jiro; Kaneko, Takatoshi; and Hashiba, Tooru, to Victor Company of Japan, Ltd. Thermal printing head. 4,558,330, 12-10-85, Cl. 346-76.0PH.

Iizuka, Kazuo: *See*—
- Kosugi, Masao; Konuki, Tadashi; and Iizuka, Kazuo, 4,530,587, Cl. 355-53.000.

Iizuka, Michio: *See*—
- Shiba, Haruo; and Iizuka, Michio, 4,558,387, Cl. 360-132.000.

Iizuka, Shigeo: *See*—
- Nozawa, Takamitsu; Kishi, Takao; and Iizuka, Shigeo, 4,530,449, Cl. 222-189.000.

Iizuka, Tetsuya; and Hara, Hisashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory device. 4,497,043, 1-29-85, Cl. 365-182.000.

Iizuka, Tetsuya, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory device. 4,532,609, 7-30-85, Cl. 365-154.000.

Iizuka, Tetsuya; and Hara, Hisashi, to Tokyo Shibaura Denki Kabushiki Kaisha. CMOS Charge pump free of parasitic injection. 4,559,548, 12-17-85, Cl. 357-23.600.

Iizuka, Tokio: *See*—
- Yamazaki, Taro; Okamoto, Masashi; Iizuka, Tokio; Tsukada, Norishige; and Okamori, Kenji, 4,556,918, Cl. 358-283.000.

Iizuka, Yasuhiro: *See*—
- Shimada, Masayoshi; Iizuka, Yasuhiro; and Hukazu, Tetuo, 4,496,637, Cl. 429-44.000.
- Shimada, Masayoshi; Komagata, Hideki; and Iizuka, Yasuhiro, 4,505,994, Cl. 429-101.000.

Iizuka, Yo: *See*—
- Kawakami, Yukichika; Shiiki, Zenya; and Iizuka, Yo, 4,537,953, Cl. 528-388.000.
- Shiiki, Zenya; Iizuka, Yo; and Kawakami, Yukichika, 4,495,332, Cl. 524-800.000.
- Shiiki, Zenya; Iizuka, Yo; and Kawakami, Yukichika, 4,514,558, Cl. 528-388.000.

Iizuka, Yoshinori; and Kobori, Kazuo, to Achilles Corporation. Planing type boat. 4,528,927, 7-16-85, Cl. 114-125.000.

Iizuka, Yoshio: *See*—
- Matsunaga, Shigeo; Iizuka, Yoshio; and Suzuki, Tadaaki, 4,543,612, Cl. 358-261.000.

Iizuka, Yutaka: *See*—
- Seki, Yasutomo; Akiyama, Toshio; Nakabayashi, Norio; and Iizuka, Yutaka, 4,519,686, Cl. 354-200.000.

Ijames, Gerald A. Furnace structure. 4,518,117, 5-21-85, Cl. 237-53.000.

Ijichi, Sadayoshi; and Yamamoto, Masaki, to Alps Electric Co., Ltd. Frequency synthesizing type electronic tuner. 4,527,280, 7-2-85, Cl. 455-183.000.

Ijntema, Johannes, to U.S. Philips Corporation. Device for signalling a specific charge condition of an accumulator battery. 4,536,757, 8-20-85, Cl. 340-636.000.

Ijntema, Klaas, to Akzo N.V. Process for the degradation of (co)polymers of propylene. 4,556,695, 12-3-85, Cl. 525-359.600.

Ikado, Shuhei: *See*—
- Ema, Kenji; Saito, Jun; Mitsuishi, Takatoshi; and Ikado, Shuhei, 4,544,727, Cl. 526-313.000.

Ikai, Katsushige: *See*—
- Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, 4,554,289, Cl. 514-450.000.

Ikai, Takashi: *See*—
- Tanaka, Norio; Taniguchi, Masakazu; Baba, Masatoshi; Ikai, Takashi; Nawamaki, Tsutomu; and Matsunaga, Masaji, 4,557,753, Cl. 71-92.000.

Ikai, Takasi: *See*—
- Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.

Ikami, Hideo, to Asahi Kasei Kogyo Kabushiki Kaisha. Ceramic plates and method for the production thereof. 4,495,118, 1-22-85, Cl. 264-25.000.

Ikari, Hideo: *See*—
- Hirohata, Michio; and Ikari, Hideo, 4,534,638, Cl. 354-418.000.

Ikari, Kunihiro: *See*—
- Koike, Norio; Ito, Takeo; Watanabe, Shingo; and Ikari, Kunihiro, 4,491,629, Cl. 430-176.000.

Ikari Machine Tools Co., Ltd.: *See*—
- Dosaka, Akira, 4,491,281, Cl. 242-4.00R.

Ikari, Shinichi: *See*—
- Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,499,929, Cl. 141-1.100.
- Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,548,882, Cl. 429-211.000.

Ikarishi, Koichi; Kitano, Toshiaki; Shinohara, Masanori; and Shimoji, Yasuo, to Kawasaki Steel Corporation; and Koyo Seiko Company Limited. Sealed multi-row roller bearing device for rolling mills. 4,527,915, 7-9-85, Cl. 384-480.000.

Ikarus Karosszeria es Jarmugyar: *See*—
- Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, 4,533,912, Cl. 340-783.000.
- Ratsko, Istvan; Ivony, Jozsef; Karaszi, Gyorgy; Madi, Jeno; and Liptai, Nandor, 4,494,765, Cl. 280-432.000.

Ikawa, Kazuo: *See*—
- Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,519,627, Cl. 280-701.000.
- Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,527,654, Cl. 180-140.000.
- Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,534,435, Cl. 180-140.000.
- Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,540,059, Cl. 180-141.000.

Ikawa, Kenji; Tokuyama, Kanji; and Kiyokawa, Masumi, to Shionogi & Co., Ltd. Process for preparing L-ascorbic acid. 4,491,668, 1-1-85, Cl. 549-315.000.

Ike, Masahide; and Arita, Masashi, to Nissan Motor Company, Limited. Method of and apparatus for forming gears. 4,509,353, 4-9-85, Cl. 72-267.000.

Ikebata, Tetsuo: *See*—
- Maeda, Masanori; Ishihara, Koji; and Ikebata, Tetsuo, 4,553,019, Cl. 219-146.220.

Ikebe, Ken'ichi: *See*—
- Takezawa, Susumu; Ikebe, Ken'ichi; Ayada, Haruki; Fukui, Tatsuyuki; and Okada, Munenori, 4,516,746, Cl. 244-170.000.

Ikebe, Tsuguo: *See*—
- Nakao, Toru; Ikebe, Tsuguo; Tahara, Tetsuya; Maruyama, Yutaka; and Yaoka, Osamu, 4,543,354, Cl. 514-238.000.

Ikeda, Akihiko: *See*—
- Ai, Hideo; Ikeda, Akihiko; and Matsuoka, Yoshio, 4,528,332, Cl. 525-332.200.

Ikeda, Akira. Bottom exhaust high speed boat. 4,509,927, 4-9-85, Cl. 440-89.000.

Ikeda, Atsunobu: *See*—
- Yamamura, Yukio; Nakayama, Jingo; Ikeda, Atsunobu; and Kawamoto, Takashi, 4,534,590, Cl. 297-180.000.

Ikeda Bussan Co., Ltd.: *See*—
- Ebihara, Sakae; Tanizaki, Hiroyuki; Sato, Kazuma; and Kanazawa, Yuzo, 4,541,667, Cl. 297-64.000.
- Nishimura, Shinichi; Akiyama, Yoshinori; and Kanazawa, Yuzo, 4,497,518, Cl. 297-341.000.
- Shimomura, Kenji, 4,495,120, Cl. 264-51.000.
- Tanizaki, Hiroyuki; Ebihara, Sakae; Hatanaka, Akimitsu; Ogawa, Takayoshi; and Kanazawa, Yuzo, 4,496,189, Cl. 297-63.000.

Ikeda, Daishiro: *See*—

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.

Ikeda, Fumihiro: *See*—

Bando, Niro; Kurohara, Kazuaki; Fujima, Yasuo; Ikeda, Fumihiro; Usiro, Kenzo; and Ogasawara, Hiroyuki, 4,509,614, Cl. 180-273.000.

Ikeda, Hidekatsu, to Amada Company, Limited. Shearing machine. 4,507,997, 4-2-85, Cl. 83-368.000.

Ikeda, Hideo: *See*—

Sugimoto, Tadao; and Ikeda, Hideo, 4,506,008, Cl. 430-502.000.

Sugimoto, Tadao; Ikeda, Hideo; Mifune, Hiroyuki; and Nakamura, Koki, 4,521,508, Cl. 430-567.000.

Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, 4,551,419, Cl. 430-445.000.

Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, 4,551,421, Cl. 430-509.000.

Ikeda, Hiroaki, to Nippon Electric Co., Ltd. Buffer circuits for use with semiconductor memory devices. 4,542,306, 9-17-85, Cl. 307-443.000.

Ikeda, Hiroaki, to Nippon Electric Co., Ltd. Sense amplifier with high speed, stabilized read-out. 4,542,484, 9-17-85, Cl. 365-205.000.

Ikeda, Hiroaki, to NEC Corporation. Large capacity memory circuit with improved write coatrol circuit. 4,559,619, 12-17-85, Cl. 365-190.000.

Ikeda, Hiroaki: *See*—

Maeda, Masatoshi; Katsurai, Junji; and Ikeda, Hiroaki, 4,511,929, Cl. 358-296.000.

Ikeda, Hiroki: *See*—

Arakawa, Takeshi; and Ikeda, Hiroki, 4,561,072, Cl. 365-230.000.

Ikeda, Hisatoshi: *See*—

Kobayashi, Akio; Mizoguchi, Hitoshi; Ikeda, Hisatoshi; and Mayama, Hidekiyo, 4,516,006, Cl. 200-148.00A.

Ikeda, Humihide: *See*—

Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.

Ikeda, Kakuro: *See*—

Yamura, Hitoo; Ikeda, Kakuro; and Sakai, Yuhichi, 4,556,202, Cl. 266-242.000.

Ikeda, Katuaki: *See*—

Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, 4,510,492, Cl. 340-825.050.

Ikeda, Kazunari: *See*—

Kawaida, Shinji; Okitsu, Yoshio; and Ikeda, Kazunari, 4,510,012, Cl. 156-415.000.

Ikeda, Kazushige: *See*—

Mouri, Akihiko; Tabuchi, Yoshinobu; Tsuda, Akira; Tsutsumi, Masahiro; and Ikeda, Kazushige, 4,552,503, Cl. 414-687.000.

Ikeda, Kenji: *See*—

Iida, Kazumi; and Ikeda, Kenji, 4,549,869, Cl. 440-84.000.

Ikeda, Kenjiro: *See*—

Ikeda, Yoshiyuki; Inoue, Atsuo; and Ikeda, Kenjiro, 4,548,660, Cl. 149-21.000.

Ikeda, Kensuke; and Nakamura, Sukenori, to Fuji Photo Film Co., Ltd. Heat-sensitive recording sheet. 4,533,929, 8-6-85, Cl. 346-209.000.

Ikeda, Kyoichi; Harada, Kinji; and Isozaki, Katsumi, to Yokogawa Hokushin Electric Corporation. Cylindrical vibrator type pressure transducer. 4,495,818, 1-29-85, Cl. 73-702.000.

Ikeda, Makoto; and Nakamura, Akira, to Idemitsu Kosan Company Limited. Grease composition. 4,551,258, 11-5-85, Cl. 252-32.70E.

Ikeda, Masafumi: *See*—

Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,173, Cl. 75-12.000.

Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,174, Cl. 75-12.000.

Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,552,587, Cl. 75-12.000.

Ikeda, Masahiro, to Nippon Telegraph & Telephone Public Corporation. Optical switch. 4,521,069, 6-4-85, Cl. 350-96.130.

Ikeda, Masahiro: *See*—

Mori, Hidefumi; and Ikeda, Masahiro, 4,534,820, Cl. 156-603.000.

Ikeda, Masaki, to Tomy Kogyo Company, Incorporated. Device for controlling wheeled vehicles. 4,541,813, 9-17-85, Cl. 446-429.000.

Ikeda, Masaki: *See*—

Nishino, Atsushi; Ikeda, Masaki; Kimura, Kunio; and Oyabu, Hajime, 4,493,900, Cl. 501-26.000.

Ikeda, Masami; Matsuda, Hiroto; Shibata, Makoto; and Takahashi, Hiroto, to Canon Kabushiki Kaisha. Method of making liquid jet recording head. 4,536,250, 8-20-85, Cl. 156-651.000.

Ikeda, Masami: *See*—

Sugitani, Hiroshi; Matsuda, Hiroto; and Ikeda, Masami, 4,558,333, Cl. 346-140.00R.

Tamura, Takashi; and Ikeda, Masami, 4,542,294, Cl. 250-338.000.

Ikeda, Masayuki, to Kabushiki Kaisha Suwa Seikosha. Synchronizing circuit for matrix television set. 4,492,979, 1-8-85, Cl. 358-153.000.

Ikeda, Masayuki, to Kabushiki Kaisha Suwa Seikosha. Synchronizing circuit for matrix television set. 4,496,977, 1-29-85, Cl. 358-148.000.

Ikeda, Masuhiro: *See*—

Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi, 4,551,273, Cl. 260-112.50E.

Ikeda, Minoru: *See*—

Taniguchi, Motoya; Ikeda, Minoru; and Komeyama, Yoshihiro, 4,492,356, Cl. 248-346.000.

Ikeda Mohando Co., Ltd.: *See*—

Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.

Ikeda, Naotaka: *See*—

Ishida, Katsuyuki; and Ikeda, Naotaka, 4,545,220, Cl. 68-133.000.

Ikeda, Nobumasa: *See*—

Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, 4,527,606, Cl. 152-209.00R.

Ikeda, Nobuo: *See*—

Yoshimura, Hirofumi; and Ikeda, Nobuo, 4,508,946, Cl. 219-10.55F.

Ikeda, Satoshi: *See*—

Takeuchi, Hideo; Kaneko, Toshihisa; and Ikeda, Satoshi, 4,499,827, Cl. 101-425.000.

Ikeda, Shigayuki; and Hamabe, Takafumi, to Matsushita Electric Works, Ltd. Vibratory massage apparatus. 4,535,760, 8-20-85, Cl. 128-33.000.

Ikeda, Shigeho: *See*—

Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, 4,529,697, Cl. 435-110.000.

Ikeda, Shinji: *See*—

Aoki, Keiji; and Ikeda, Shinji, 4,556,035, Cl. 123-488.000.

Ikeda, Shoji: *See*—

Hirasawa, Yoji; and Ikeda, Shoji, 4,556,683, Cl. 523-447.000.

Ikeda, Shuji: *See*—

Nagasawa, Kouichi; Ikeda, Shuji; Suzuki, Norio; and Sakai, Yoshio, 4,549,340, Cl. 29-571.000.

Ikeda, Tadashi; Kuwabara, Kenichi; Yamamuro, Kiyohiko; and Kokubo, Tadayoshi, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material. 4,551,424, 11-5-85, Cl. 430-588.000.

Ikeda, Tadashi: *See*—

Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, 4,556,582, Cl. 427-38.000.

Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Ohta, Norio; and Sugita, Yutaka, 4,556,583, Cl. 427-38.000.

Kanda, Yoshiro; Noguchi, Hironori; and Ikeda, Tadashi, 4,516,327, Cl. 33-169.00R.

Sato, Toshihiro; Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; and Sugita, Yutaka, 4,559,617, Cl. 365-36.000.

Sugita, Yutaka; Suzuki, Ryo; Kodama, Naoki; Takeshita, Masatoshi; and Ikeda, Tadashi, 4,528,645, Cl. 365-36.000.

Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; Kodama, Naoki; and Sugita, Yutaka, 4,494,216, Cl. 365-36.000.

Ikeda, Tadasu: *See*—

Tokumori, Yutaka; Mokuda, Osamu; Ikeda, Tadasu; Takeda, Akira; Tominaga, Masato; and Mashiba, Hiroto, 4,562,071, Cl. 424-94.000.

Ikeda, Takaharu: *See*—

Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,496,739, Cl. 548-321.000.

Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,544,635, Cl. 435-121.000.

Ikeda, Takahiro: *See*—

Niwa, Katsuhisa; and Ikeda, Takahiro, 4,502,770, Cl. 354-173.110.

Niwa, Katsuhisa; and Ikeda, Takahiro, 4,545,667, Cl. 354-419.000.

Ikeda, Takao: *See*—

Fujita, Eiichi; Nagao, Yoshimitsu; Ikeda, Takao; and Inoue, Takehisa, 4,495,355, Cl. 546-209.000.

Ikeda, Takashi; and Odawara, Masachika, to Tokyo Shibaura Denki Kabushiki Kaisha. Stress corrosion cracking proof steam turbine. 4,545,725, 10-8-85, Cl. 415-180.000.

Ikeda, Takashi: *See*—

Otake, Katsumasa; Ikeda, Takashi; Omura, Takashi; and Imada, Kunihiko, 4,551,150, Cl. 8-496.000.

Ikeda, Takayuki; Kouhara, Kazuo; and Sasaki, Minoru, to Kabushiki Kaisha Alpha Giken. α-Cyanoacrylate instant adhesive composition containing BTDA or BTA. 4,532,293, 7-30-85, Cl. 524-754.000.

Ikeda, Takenori: *See*—

Okoshi, Noboru; and Ikeda, Takenori, 4,533,716, Cl. 528-73.000.

Ikeda, Teppei: *See*—

Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, 4,548,869, Cl. 428-474.700.

Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, 4,548,870, Cl. 428-474.700.

Ikeda, Tomoaki: *See*—

Takahashi, Yonosuke; Tachikawa, Hiromichi; Shinozaki, Fumiaki; and Ikeda, Tomoaki, 4,544,627, Cl. 430-325.000.

Ikeda, Toshiaki: *See*—

Kuno, Toshitaka; and Ikeda, Toshiaki, 4,505,049, Cl. 33-333.000.

Ikeda, Toshiharu: *See*—

Fujiwara, Michiaki; and Ikeda, Toshiharu, 4,550,886, Cl. 242-35.60E.

Ikeda, Toshimitsu: *See*—

Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,495,267, Cl. 430-106.600.

Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,517,274, Cl. 430-122.000.

Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,535,049, Cl. 430-137.000.

Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.

Ikeda, Tsuneichi: *See—*

Naya, Masaru; and Ikeda, Tsuneichi, 4,508,023, Cl. 99-279.000.

Ikeda, Tsutomu: *See—*

Kizu, Shuji; Ikeda, Tsutomu; and Iwamoto, Masanori, 4,516,265, Cl. 382-48.000.

Ikeda, Yasunari, to Sony Corporation. Double-scanning non-interlace color television receiver. 4,521,802, 6-4-85, Cl. 358-11.000.

Ikeda, Yasunari: *See—*

Fujimura, Yasushi; Okada, Takashi; Tanaka, Yutaka; and Ikeda, Yasunari, 4,509,071, Cl. 358-11.000.

Okada, Takashi; Ikeda, Yasunari; and Tanaka, Yutaka, 4,524,379, Cl. 358-11.000.

Tanaka, Yutaka; Ikeda, Yasunari; and Nakano, Hiroshi, 4,539,592, Cl. 358-140.000.

Ikeda, Yasuo, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Pickup device for picking up vibration transmitted through bones. 4,520,238, 5-28-85, Cl. 179-121.00C.

Ikeda, Yoshiaki, to Seikosha Co., Ltd. Device for adjusting position of printing head of printer. 4,525,084, 6-25-85, Cl. 400-55.000.

Ikeda, Yoshiaki, to Seikosha Co., Ltd. Multicolor ink ribbon cassette. 4,526,487, 7-2-85, Cl. 400-201.000.

Ikeda, Yoshiaki, to Seikosha Co., Ltd. Apparatus for controlling a pulse generator. 4,550,260, 10-29-85, Cl. 307-106.000.

Ikeda, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Washer-dehydrator having a driving gear supported in a sealing case. 4,495,784, 1-29-85, Cl. 68-23.600.

Ikeda, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Lid with a see-through plate. 4,522,311, 6-11-85, Cl. 220-254.000.

Ikeda, Yoshito; Fujiwara, Hitoshi; Gomi, Yoshifumi; Matsuzawa, Masanao; and Hirashima, Yasuhito, to Epson Corporation. Ink-supplied wire dot printer. 4,553,865, 11-19-85, Cl. 400-124.000.

Ikeda, Yoshiyuki; Inoue, Atsuo; and Ikeda, Kenjiro, to Nippon Kayaku Kabushiki Kaisha. Water-in-oil emulsion explosive. 4,548,660, 10-22-85, Cl. 149-21.000.

Ikeda, Yuuji; Abe, Hiroo; Osaka, Tadashi; and Komuro, Katsumi, to AMP Incorporated. Wire processing apparatus. 4,551,893, 11-12-85, Cl. 29-33.00M.

Ikeda, Yuzi: *See—*

Kadowaki, Satoshi; and Ikeda, Yuzi, 4,538,044, Cl. 219-80.000.

Ikedo, Yuji; Abe, Kunio; and Saito, Masatsugu, to Pioneer Electronic Corporation. Automatic disc loading and unloading system for recording-disc playback apparatus. 4,507,768, 3-26-85, Cl. 369-77.100.

Ikegaki, Makoto; Nakanishi, Masayuki; Sato, Humiyuki; and Hashimoto, Tokuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Cathode ray tube device with electromagnetic shield casing. 4,560,900, 12-24-85, Cl. 313-479.000.

Ikegami, Akira: *See—*

Tosaki, Hiromi; Tanei, Hirayoshi; Ikegami, Akira; and Sugishita, Nobuyuki, 4,547,625, Cl. 174-68.500.

Ikegami, Hiroshi; Ichida, Kozaburo; and Kobayashi, Katsuyoshi, to Nippon Steel Corporation. Method and apparatus for continuously annealing steel sheet. 4,497,674, 2-5-85, Cl. 148-156.000.

Ikegami, Kasumi; and Okuyama, Hirofumi, to Fujitsu Limited. Holographic recording material and process for producing holograms. 4,517,266, 5-14-85, Cl. 430-2.000.

Ikegami, Kasumi: *See—*

Mochizuki, Akihiro; Ikegami, Kasumi; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,547,309, Cl. 252-299.630.

Ikegami, Satoshi: *See—*

Monden, Tsuneo; Ozu, Masao; and Ikegami, Satoshi, 4,508,495, Cl. 418-63.000.

Ikegami, Tadashi: *See—*

Moriguchi, Kisoo; and Ikegami, Tadashi, 4,536,550, Cl. 525-240.000.

Sakurai, Hisaya; Ikegami, Tadashi; Miya, Masayoshi; and Takaya, Katsuhiko, 4,526,941, Cl. 526-127.000.

Ikegami, Taketoshi: *See—*

Muramoto, Yutaka; and Ikegami, Taketoshi, 4,549,819, Cl. 374-178.000.

Ikegami, Tsukasa: *See—*

Sugihara, Isao; Sagawa, Wataru; Ikegami, Tsukasa; and Shimizu, Tasuku, 4,505,763, Cl. 148-127.000.

Ikegami Tsushinki Co., Ltd.: *See—*

Kobayashi, Yuji; and Okada, Takao, 4,513,316, Cl. 358-106.000.

Ikegami, Yoshihiko; Kurihara, Kozo; Ichikawa, Izuo; and Nakane, Hisanori, to Sankyo Company Limited. Method of preparing coated solid preparations. 4,533,562, 8-6-85, Cl. 427-3.000.

Ikegami, Yoshihiko: *See—*

Kurihara, Kozo; Ichikawa, Izuo; Nakane, Hisanori; and Ikegami, Yoshihiko, 4,497,847, Cl. 427-3.000.

Ikegawa, Akihiko: *See—*

Yagihara, Morio; Ikegawa, Akihiko; Ono, Mitsunori; and Mihara, Yuji, 4,518,685, Cl. 430-505.000.

Ikegaya, Kazutoshi: *See—*

Takeda, Takeshi; Machida, Yasuhiko; Kudoh, Yasuo; and Ikegaya, Kazutoshi, 4,508,632, Cl. 252-70.000.

Ikeguchi, Nobuyuki; and Kimbara, Hidenori, to Mitsubishi Gas Chemical Company, Inc. Curable resin composition. 4,499,245, 2-12-85, Cl. 525-417.000.

Ikeguchi, Nobuyuki; Osaki, Yasunari; and Furuya, Yoshiyuki, to Mitsubishi Gas Chemical Company, Inc. Electrically conductive resin composition. 4,552,690, 11-12-85, Cl. 252-512.000.

Ikehara, Yasunobu; Ariyoshi, Haruki; and Hidaka, Ryoichi, to Nippon Steel Corporation. Process for refining of chromium-containing molten steel. 4,560,406, 12-24-85, Cl. 75-30.000.

Ikehata, Yukio, to Seiko Instruments & Electronics Ltd. Electronic timepiece operable in continuous and stepwise modes. 4,516,863, 5-14-85, Cl. 368-157.000.

Ikejima, Hiroyuki: *See—*

Anzai, Nobuo; and Ikejima, Hiroyuki, 4,516,664, Cl. 187-29.00R.

Ikejiri, Hiroaki, to Kabushiki Kaisha Suwa Seikosha. Vertical synchronizing control circuit. 4,556,905, 12-3-85, Cl. 358-154.000.

Ikekame, Hiroo; and Karasawa, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Three-dimensional insulating structure for high voltage components. 4,494,173, 1-15-85, Cl. 361-429.000.

Ikekawa, Nobuo: *See—*

DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,500,460, Cl. 260-397.200.

DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,502,991, Cl. 260-397.200.

DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,552,698, Cl. 260-397.200.

Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, to Nippon Oil Co., Ltd. Process for the solvent deasphalting of asphaltene-containing hydrocarbons. 4,502,950, 3-5-85, Cl. 208-309.000.

Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, to Nippon Oil Co., Ltd. Process for the solvent deasphalting of asphaltene-containing hydrocarbons. 4,514,287, 4-30-85, Cl. 208-309.000.

Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, to Nippon Oil Co., Ltd. Process for the solvent deasphalting of asphaltene-containing hydrocarbons. 4,525,269, 6-25-85, Cl. 208-309.000.

Ikemi, Masahisa: *See—*

Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, 4,492,757, Cl. 435-280.000.

Ikemori, Keiji, to Canon Kabushiki Kaisha. High variable magnification wide angle zoom lens. 4,509,833, 4-9-85, Cl. 350-427.000.

Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, to Toyota Jidosha Kabushiki Kaisha. Shift mechanism in a manual transmission. 4,503,957, 3-12-85, Cl. 192-4.00C.

Ikemoto, Kazuhito; Terakura, Yukio; Miyake, Takashi; and Yamamoto, Takashi, to Toyota Jidosha Kabushiki Kaisha. Splined press fit connection in gear wheel assembly. 4,509,381, 4-9-85, Cl. 74-413.000.

Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, to Toyota Jidosha Kabushiki Kaisha. Gear assembly for automobile gear transmission. 4,530,253, 7-23-85, Cl. 74-440.000.

Ikemoto, Shigeru. Hand wrapping apparatus. 4,524,559, 6-25-85, Cl. 53-219.000.

Ikemoto, Shigeru. Hand wrapping apparatus. 4,557,102, 12-10-85, Cl. 53-66.000.

Ikenaga, Satoru: *See—*

Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, 4,541,473, Cl. 164-444.000.

Ikenaga, Takayuki: *See—*

Ito, Hiroshi; Hasegawa, Kyusei; Takeuchi, Takashi; and Ikenaga, Takayuki, 4,528,105, Cl. 252-8.55D.

Ikenaga, Yukio: *See—*

Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, 4,547,565, Cl. 528-232.000.

Kasuga, Takuzo; Ikenaga, Yukio; Yamawaki, Masami; and Tanimura, Keizo, 4,559,380, Cl. 524-317.000.

Kausga, Takuzo; Ikenaga, Yukio; and Suzuki, Kunio, 4,555,357, Cl. 252-511.000.

Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, to Ikenoue, Tsuneo; Tohoku Ricoh Co. Ltd.; Stanley Electric Co., Ltd.; and Micron Kiki Co. Ltd. DC-DC converter having energy storage inductance element connected in flywheel circuit. 4,513,360, 4-23-85, Cl. 363-20.000.

Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, to Ikenoue, Tsuneo; Tohoku Ricoh Co. Ltd.; Stanley Electric Co., Ltd.; and Micron Kiki Co. Ltd. AC rectifier having semi-conductor active rectifying element. 4,524,413, 6-18-85, Cl. 363-127.000.

Ikenoya, Yasuo, to Honda Motor Co., Ltd. Belt transmission having circulated air cooling function. 4,493,677, 1-15-85, Cl. 474-93.000.

Ikenoya, Yasuo; Ueda, Shuso; and Araki, Masafumi, to Honda Giken Kogyo Kabushiki Kaisha. Exhaust gas cleaning device for internal combustion engine of motorcycle. 4,499,724, 2-19-85, Cl. 60-290.000.

Ikenoya, Yasuo, to Honda Giken Kogyo Kabushiki Kaisha. Belt transmission having air cooling function. 4,531,928, 7-30-85, Cl. 474-93.000.

Ikenoya, Yasuo: *See—*

Koinuma, Yutaka; Ikenoya, Yasuo; and Hayashi, Akira, 4,546,843, Cl. 180-229.000.

Otani, Junji; Ikenoya, Yasuo; and Araki, Masafumi, 4,492,209, Cl. 123-568.000.

Iketani, Kohei: *See—*

Urata, Shinji; Hirobe, Hitoshi; and Iketani, Kohei, 4,558,367, Cl. 358-227.000.

Iketani, Ryuichi: *See—*

Yokouchi, Hiroshi; and Iketani, Ryuichi, 4,551,821, Cl. 365-203.000.

Iketani, Yukiyoshi: *See—*

Nishino, Atsushi; Kimura, Kunio; Sonetaka, Kazunori; and Iketani, Yukiyoshi, 4,519,807, Cl. 44-15.00R.

Ikeuchi, Masaki: *See—*

Nakao, Kazushige; Ikeuchi, Masaki; Ozaki, Eiichi; and Yumikura, Tsuneo, 4,545,217, Cl. 62-476.000.

Ikeuchi, Mitsuru: *See—*

Arai, Tetsuji; and Ikeuchi, Mitsuru, 4,504,323, Cl. 148-1.500.

Ikeuchi, Satoru; Inaba, Yoshihiro; Shimazaki, Hiroshi; and Kobayashi, Tatsuhiko, to Konishiroku Photo Industry Co., Ltd. Photographic element with imadazole dye mordant. 4,533,621, 8-6-85, Cl. 430-213.000.

Ikeuchi, Satoru: *See—*

Kobayashi, Tatsuhiko; Ikeuchi, Satoru; Watanabe, Kazumasa; and Suginaka, Shunji, 4,520,095, Cl. 430-223.000.

Ikeura, Kenji, to Nissan Motor Company, Limited. Idle speed control method and system for an internal combustion engine. 4,545,348, 10-8-85, Cl. 123-339.000.

Ikeya, Nobushige, to Mitsubishi Kasei Kogyo Kabushiki Kaisha. Apparatus for forming blown films. 4,505,657, 3-19-85, Cl. 425-72.00R.

Ikezaki, Katsuji; and Ishii, Kiyoshi, to Sharp Kabushiki Kaisha. Electric cleaner with minimum noise. 4,533,370, 8-6-85, Cl. 55-276.000.

Ikezawa, Harumi: *See—*

Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,511,744, Cl. 568-864.000.

Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,551,565, Cl. 568-864.000.

Ikin, John B., to Ciba-Geigy AG. Web scanning apparatus. 4,522,497, 6-11-85, Cl. 356-431.000.

Ikishima, Toshimasa. Sushi shaping apparatus. 4,556,379, 12-3-85, Cl. 425-163.000.

Iko, Kazuo: *See—*

Igarashi, Kazumasa; Yamaguchi, Katsuhiko; Iko, Kazuo; and Miki, Kazuyuki, 4,520,075, Cl. 428-435.000.

Ikoma, Hidenobu: *See—*

Kikumoto, Ryoji; Tobe, Akihiro; Tonomura, Shinji; and Ikoma, Hidenobu, 4,562,211, Cl. 514-648.000.

Ikoma, Junichi: *See—*

Abe, Masayuki; Ikoma, Junichi; and Abiko, Kenzi, 4,497,003, Cl. 360-97.000.

Ikoma, Mitsugi; Shinada, Takeo; and Nozaki, Hisashi, to Kabushiki Kaisha Kibun. Method for producing surface-colored fish-paste products and products thus produced. 4,503,081, 3-5-85, Cl. 426-268.000.

Ikoma, Tadashi; and Miyawaki, Syozo, to Ricoh Company, Ltd. Apparatus for discrimination of sheet transfer condition. 4,491,929, 1-1-85, Cl. 364-563.000.

Ikonomou, Aristarchos S. Earthquake guarding system. 4,554,767, 11-26-85, Cl. 52-167.000.

Ikuma, Akira: *See—*

Mizuno, Yoshikazu; and Ikuma, Akira, 4,532,432, Cl. 307-10.00R.

Mizuno, Yoshikazu; and Ikuma, Akira, 4,539,642, Cl. 364-426.000.

Ikuma, Masahiro, to Nippon Gakki Seizo Kabushiki Kaisha. Pickup device for stringed musical instrument. 4,501,186, 2-26-85, Cl. 84-1.160.

Ikuma, Sadao; Aoki, Yuji; and Watanabe, Noboru, to Mitshubishi Monsanto Chemical Co., Ltd. Heat resistant resin composition. 4,525,536, 6-25-85, Cl. 525-194.000.

Ikumi, Yasumasa, to Toyota Jidosha Kogyo Kabushiki Kaisha. Split-type plastic cover with elastic clips. 4,556,150, 12-3-85, Cl. 220-4.00B.

Ikushige, Tetsuo: *See—*

Matsushita, Susumu; Tada, Yoshimitsu; Ikushige, Tetsuo; and Baba, Nobuyuki, 4,556,538, Cl. 422-70.000.

Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, to Fujisawa Pharmaceutical Co., Ltd. 1,4-napthoquinone derivatives and use thereof. 4,530,845, 7-23-85, Cl. 514-453.000.

Ikuta, Hiroshi: *See—*

Suzuki, Akihiro; Souda, Keiichi; Kuno, Masao; and Ikuta, Hiroshi, 4,538,191, Cl. 360-88.000.

Ikuta, Hiroyuki: *See—*

Hayashi, Takehiko; Ikuta, Hiroyuki; and Ohta, Takanori, 4,554,811, Cl. 72-110.000.

Hayashi, Takehiko; Ikuta, Hiroyuki; and Shindo, Toshiki, 4,559,798, Cl. 72-81.000.

Ikuta, Kunio; and Atoji, Hitomi, to Dainippon Screen Seizo Kabushiki Kaisha. Tint laying device for use in a picture reproducing machine. 4,503,457, 3-5-85, Cl. 358-75.000.

Ikuta Yoshiaki; and Tanaka, Takashi, to Glory Kogyo Kabushiki Kaisha. Coin processing apparatus. 4,558,711, 12-17-85, Cl. 133-3.00F.

Ikutake, Hiroshi, to Nippon Piston Ring Co., Ltd. Process for manufacturing a piston ring. 4,497,102, 2-5-85, Cl. 29-156.600.

Ikutake, Hiroshi, to Nippon Piston Ring Co., Ltd. Process for manufacturing a piston ring. 4,499,643, 2-19-85, Cl. 29-156.600.

Ikuzaki, Kunihiko, to Hitachi, Ltd. Dynamic MOS random access memory. 4,549,284, 10-22-85, Cl. 365-222.000.

Ikuzaki, Kunihiko: *See—*

Shimohigashi, Katsuhiro; Masuda, Hiroo; Ikuzaki, Kunihiko; and Kawamoto, Hiroshi, 4,539,658, Cl. 365-207.000.

Ikuzawa, Masanori: *See—*

Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.

Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.

Ilardi, Joseph M.; and Goldstein, David, to Intermountain Research & Development Corporation. Solution mining of trona or nahcolite ore with aqueous NaOH and HCl solvents. 4,498,706, 2-12-85, Cl. 299-5.000.

Ilardo, Charles S.; and Duffy, James J., to Occidental Chemical Corporation. Flame retardant polyamide compositions. 4,504,611, 3-12-85, Cl. 524-101.000.

Ilaug, Harold W.: *See—*

Sandt, David K.; Mitlyng, Arthur V., Jr.; Ilaug, Harold W.; and Quenemoen, Robert D., 4,531,538, Cl. 137-334.000.

Ilchenko, Anatoly V.: *See—*

Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.

Ilecard Pty. Limited: *See—*

Lees, Jeremy J., 4,505,812, Cl. 209-275.000.

Ilgner, Hartmut; Kledewski, Peter; and Heun, Reinhard, to Uhde GmbH. Process for humidifying a gas stream, particularly in methanol and/or ammonia plants. 4,528,147, 7-9-85, Cl. 261-128.000.

Iliev, Maxim D.; Kervanbashiev, Stoyu S.; Karamanski, Stefan D.; and Makedonski, Frederik M., to CUV "Progress". Method and apparatus for producing electrical energy from a cyclic combustion process utilizing coupled pistons which reciprocate in unison. 4,532,431, 7-30-85, Cl. 290-4.00R.

Ilitch, Michael, to Little Caesar Enterprises, Inc. Carryout food tray. 4,494,689, 1-22-85, Cl. 229-30.000.

Iljushin, Alexei A.: *See—*

Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.

Illerhaus, Roland; and Jurgens, Rainer, to Christensen, Inc. Method and apparatus for manufacturing cutting elements particularly for deep drilling. 4,537,097, 8-27-85, Cl. 76-108.00A.

Illes, Janos: *See—*

Takacs, Istvan; Kerey, Gyorgy; Illes, Janos; Rudolf, Peter; Gere, Pal; Czebe, Laszlo; and Neszmelyi, Erzsebet, 4,518,771, Cl. 536-21.000.

Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, 4,539,111, Cl. 210-179.000.

Illetschko, Gerhard, to Robert Bosch GmbH. System for reducing noise in a television signal. 4,539,594, 9-3-85, Cl. 358-167.000.

Illetschko, Gerhard, to Robert Bosch GmbH. System for reduction of noise in a television signal. 4,549,213, 10-22-85, Cl. 358-167.000.

Illger, Hans-Walter: *See—*

de Montigny, Armand; Illger, Hans-Walter; Gonzalez-Doerner, Alberto C.; and Moretto, Hans-Heinrich, 4,497,962, Cl. 556-446.000.

Illi, Jozsef: *See—*

Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.

Illinois Precision Corporation: *See—*

Davis, Dhu Aine J., 4,547,140, Cl. 425-138.000.

Illinois Tool Works Inc.: *See—*

Bakker, John A., 4,502,305, Cl. 70-49.000.

Barth, Gerald D., 4,516,893, Cl. 411-184.000.

Barth, Gerald D., 4,518,294, Cl. 411-188.000.

Barth, Gerald D., 4,534,690, Cl. 411-386.000.

Beecher, William H., 4,551,888, Cl. 24-30.50P.

Borja, Jesus, 4,493,467, Cl. 248-56.000.

Briggs, Paul C., 4,536,546, Cl. 525-83.000.

Bury, George J., 4,507,718, Cl. 362-396.000.

Carlson, Chester O., 4,543,148, Cl. 156-314.000.

Dewey, George G., 4,545,270, Cl. 81-429.000.

Edwards, Bryant; Klygis, M. Julius; and Olsen, Robert C., 4,520,924, Cl. 206-150.000.

Engstrom, Keith A., 4,517,553, Cl. 340-365.00S.

Erickson, Lloyd A., 4,535,565, Cl. 49-493.000.

Ernst, Richard J.; and Godsted, Kent B., 4,543,763, Cl. 52-698.000.

Farrell, W. James; and Diehl, Werner K., 4,536,110, Cl. 409-11.000.

Felstehausen, Eugene F., 4,530,264, Cl. 83-175.000.

Folson, Henry J., 4,550,808, Cl. 188-1.120.

Frano, Francis G.; and Ruehl, William E., 4,520,748, Cl. 116-70.000.

Griffin, James L., 4,553,842, Cl. 356-375.000.

Hall, Kenneth F.; and Beecher, William H., 4,496,355, Cl. 604-327.000.

Klygis, Mindaugas J., 4,545,480, Cl. 206-151.000.

Levko, Fred, 4,524,248, Cl. 200-5.00B.

Nelson, John F., 4,522,378, Cl. 267-141.400.

Nielsen, John C.; and Flair, Henry J., 4,545,126, Cl. 33-179.50R.

Peterson, Francis C.; Rodseth, William G.; and Spring, William A., 4,523,883, Cl. 411-171.000.

Peterson, Francis C., 4,551,189, Cl. 156-73.500.

Peterson, Francis C., 4,557,651, Cl. 411-181.000.

Petri, Hector D., 4,525,904, Cl. 24-458.000.

Pleickhardt, George C.; and Swick, E. Grant, 4,518,293, Cl. 411-107.000.

Pliml, Frank V., Jr., 4,500,237, Cl. 411-11.000.

Pliml, Frank V., Jr., 4,532,387, Cl. 200-11.00R.

Rayburn, Charles C., 4,531,268, Cl. 29-25.420.

Rayburn, Charles C.; Padgitt, Howard R.; and Flair, Henry J., 4,533,813, Cl. 219-121.0LH.

Rayburn, Charles C., 4,535,381, Cl. 361-308.000.

Rodseth, William G.; and Peterson, Francis C., 4,546,408, Cl. 361-386.000.

Ruehl, William E., 4,493,580, Cl. 403-252.000.

Ruehl, William E.; and DeMarco, Joseph P., 4,527,312, Cl. 24-453.000.

Ruehl, William E., 4,553,802, Cl. 339-74.00R.

Ruehl, William E.; Heidorn, Richard H.; and Swick, Edwin G., 4,554,609, Cl. 361-119.000.

Sharp, Larry L.; and Klosinski, Mark, 4,493,219, Cl. 73-862.050.

Shedore, Charles; and Filipiak, Stanley E., 4,535,210, Cl. 200-340.000.

Swick, Edwin G., 4,506,459, Cl. 34-110.000.

Sygnator, Henry A., 4,532,663, Cl. 10-10.00R.

Volkers, Jack C.; and Conley, William R., 4,522,890, Cl. 428-624.000.

Weaver, William N., 4,548,317, Cl. 206-162.000.

Weaver, William N.; and Olsen, Robert C., 4,557,375, Cl. 206-151.000.

Illinois Water Treatment Company: *See—*

Burke, Dennis J.; and Moore, Robert D., 4,528,101, Cl. 210-656.000.

Illirrie Holdings Pty Ltd.: *See—*

Lane, Leonard A., 4,554,881, Cl. 114-39.000.

Illium, Herbert C., Jr.: *See—*

Drexler, Leonard H.; Flynn, Richard M.; Fox, George R.; Illium, Herbert C., Jr.; and O'Connor, Robert J., 4,518,830, Cl. 179-103.000.

Illman, Walter F.: *See—*

Conklin, Delano M.; Hodgin, John B.; and Illman, Walter F., 4,540,610, Cl. 427-434.500.

Illmann, Joachim; and Fullgraf, Heribert, to Varta Batterie Aktiengesellschaft. Clamping element for storage battery plate stacks. 4,501,413, 2-26-85, Cl. 269-43.000.

Illmann, Joachim; and Gummelt, Klaus, to Varta Batterei Aktiengesellschaft. Gas and liquid tight pole seal for electric storage batteries, particularly lead storage batteries. 4,522,899, 6-11-85, Cl. 429-181.000.

Illy, Ernesto, to Illycaffe S.p.A. Apparatus for making strips of coherent packets containing ground coffee or the like. 4,555,894, 12-3-85, Cl. 53-528.000.

Illycaffe S.p.A.: *See—*

Illy, Ernesto, 4,555,894, Cl. 53-528.000.

Ilsbo Industrier AB: *See—*

Fredrixon, Benny, 4,561,262, Cl. 62-62.000.

Ilsemann, Heino. Apparatus for introducing tape cassettes or the like and supplements into hinged boxes. 4,523,422, 6-18-85, Cl. 53-566.000.

Ilukowicz, Robert J., to Preco Industries Limited. Support for positioning reinforcing rods or mesh in concrete or the like. 4,498,270, 2-12-85, Cl. 52-685.000.

Ilyes, Zoltan: *See—*

Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, 4,547,098, Cl. 405-291.000.

Im, Darryl. Bicycle type exercise apparatus with indexing pedal cranks. 4,550,906, 11-5-85, Cl. 272-73.000.

Im, Jang-hi; and Shrum, William E., to Dow Chemical Company, The. Coextruded multi-layered articles. 4,540,623, 9-10-85, Cl. 428-220.000.

Im, Kwan H.; and Ahluwalia, Rajesh K., to United States of America, Energy. Flue gas desulfurization. 4,547,351, 10-15-85, Cl. 423-242.000.

IMA - Industria Macchine Automatiche S.p.A.: *See—*

Romagnoli, Andrea, 4,506,495, Cl. 53-559.000.

Romagnoli, Andrea, 4,508,524, Cl. 493-11.000.

Romagnoli, Andrea, 4,559,755, Cl. 53-64.000.

Imada, Akira; Kintaka, Kazuhiko; and Shinagawa, Susumu, to Takeda Chemical Industries, Ltd. Substances potentiating the activity of antibiotics and their production. 4,504,655, 3-12-85, Cl. 536-18.700.

Imada, Akira; Harada, Setsuo; and Asai, Mitsuko, to Takeda Chemical Industries, Ltd. Antibiotics C-19393S_2 . 4,518,529, 5-21-85, Cl. 260-245.20T.

Imada, Isuke; Okutani, Tetsuya; and Watanabe, Masazumi, to Takeda Chemical Industries, Ltd. Quinone carboxylic acids and ester derivatives. 4,495,104, 1-22-85, Cl. 260-396.00R.

Imada, Isuke; and Watanabe, Masazumi, to Takeda Chemical Industries, Ltd. Antifibrotic agent. 4,514,420, 4-30-85, Cl. 514-689.000.

Imada, Isuke: *See—*

Morimoto, Hiroshi; Imada, Isuke; Watanabe, Masazumi; and Kawada, Mitsuru, 4,525,361, Cl. 514-689.000.

Sugihara, Hirosada; Watanabe, Masazumi; Kawada, Mitsuru; and Imada, Isuke, 4,558,068, Cl. 514-462.000.

Terao, Shinji; Okazaki, Hisayoshi; and Imada, Isuke, 4,526,719, Cl. 260-346.00R.

Imada, Kiyohisa: *See—*

Shinohara, Satoru; Fujii, Noboru; Imada, Kiyohisa; Kadota, Genichi; and Ueno, Hideo, 4,514,560, Cl. 536-1.100.

Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, to Hitachi, Ltd.; and Shin-Etsu Chemical Co., Ltd. Continuous vacuum treating apparatus. 4,551,310, 11-5-85, Cl. 422-186.050.

Imada, Kiyoshi: *See—*

Ueno, Susumu; Nomura, Hirokazu; and Imada, Kiyoshi, 4,548,867, Cl. 428-409.000.

Imada, Kunihiko: *See—*

Otake, Katsumasa; Omura, Takashi; Kayane, Yutaka; and Imada, Kunihiko, 4,540,418, Cl. 8-524.000.

Otake, Katsumasa; Ikeda, Takashi; Omura, Takashi; and Imada, Kunihiko, 4,551,150, Cl. 8-496.000.

Sasakura, Masaaki; and Imada, Kunihiko, 4,557,731, Cl. 8-531.000.

Imada, Nobuyuki; and Okada, Toshiteru, to Mitsui Mining & Smelting Co., Ltd. Macroporous manganese dioxide water purifier. 4,551,254, 11-5-85, Cl. 210-688.000.

Imada, Yosinobu; and Nakashima, Akio, to Hitachi, Ltd. Video disc player skip/arm servo system. 4,550,348, 10-29-85, Cl. 358-342.000.

Imae, Kiyoto; Aburaki, Shimpei; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, to Bristol-Myers Company. Cephalosporin derivatives. 4,500,526, 2-19-85, Cl. 514-226.000.

Imaeda, Kozo: *See—*

Matsumoto, Tadayuki; Imaeda, Kozo; Mineo, Masatoshi; and Nakagawa, Kiyoshi, 4,557,026, Cl. 28-258.000.

Imagawa, Kenichi: *See—*

Yoshida, Mitsuaki; Sugano, Haruo; Shimizu, Fumio; and Imagawa, Kenichi, 4,525,300, Cl. 260-112.50R.

Imagawa, Kyoshiro; Sakuragi, Shiro; and Saitoh, Mitsunori, to Agency of Industrial Science and Technology. Construction for holding optical fibers. 4,491,385, 1-1-85, Cl. 350-96.200.

Imagawa, Toshiyuki; and Ohara, Kazuya, to Clarion Co., Ltd. Auto-scan changeover system for two-band radio receiver employing PLL frequency synthesizers. 4,527,281, 7-2-85, Cl. 455-165.000.

Image Graphics, Incorporated: *See—*

Tarnowski, Andrew A.; and Anderson, Brian G., 4,518,898, Cl. 315-371.000.

Imaging Associates: *See—*

Luthra, Ajay K.; Kassam, Saleem; and Mauchly, J. William, 4,553,437, Cl. 73-602.000.

Imagome, Hiroshi: *See—*

Okazaki, Hideo; Imagome, Hiroshi; Suzuka, Susumu; and Sakai, Kiyoshi, 4,521,605, Cl. 548-440.000.

Imahashi, Akio: *See—*

Inoue, Kazuo; and Imahashi, Akio, 4,529,526, Cl. 252-32.70E.

Imahashi, Issei; and Asakawa, Teruo, to Telmec Co., Ltd. Positioning stage having a vibration suppressor. 4,525,659, 6-25-85, Cl. 318-649.000.

Imahashi, Jinichi: *See—*

Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.

Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.

Kahara, Toshiki; Mori, Toshikatsu; Imahashi, Jinichi; Honji, Akio; and Tamura, Kohki, 4,555,452, Cl. 429-13.000.

Imahori, Jumpei; and Sugie, Yutaka, to Sumitomo Gomu Kogyo Kabushiki Kaisha. Paving apparatus for a travelling path for vehicles of guide rail system. 4,523,542, 6-18-85, Cl. 118-663.000.

Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, to Imahori, Kazutomo; Kenkyusho, Rikagaku; and Unitika Ltd. Apparatus for synthesizing adenosine-5'-triphosphate. 4,554,253, 11-19-85, Cl. 435-288.000.

Imahori, Seiichi: *See—*

Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, 4,495,083, Cl. 252-299.100.

Imai, Akio: *See—*

Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.

Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.

Imai, Atsuo: *See—*

Sugiuchi, Masami; and Imai, Atsuo, 4,496,638, Cl. 429-192.000.

Imai, Chikara, to Ricoh Company, Ltd. Reproduction process control method. 4,508,446, 4-2-85, Cl. 355-14.00R.

Imai, Chikara; and Koichi, Yasushi, to Ricoh Company, Ltd. Toner supply control method for electrophotographic copier. 4,522,481, 6-11-85, Cl. 355-3.0DD.

Imai, Eiichi; Takenouchi, Masanori; Uchiyama, Masaki; and Suematsu, Koshi, to Canon Kabushiki Kaisha. Toner application method and composition therefor. 4,554,234, 11-19-85, Cl. 430-122.000.

Imai, Eiichi: *See—*

Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.

Urawa, Motoo; and Imai, Eiichi, 4,518,672, Cl. 430-106.000.

Imai, Fusao; and Okumura, Norio, to Toyo Boseki Kabushiki Kaisha. Polyurethane elastic yarns and their production. 4,525,420, 6-25-85, Cl. 428-372.000.

- Imai, Hiroshi; Takeuchi, Keiji; Azuma, Kenichi; and Ozaki, Hironori, to Mitsubishi Denki Kabushiki Kaisha. Conveyor truck. 4,529,052, 7-16-85, Cl. 180-6.480.
- Imai, Hiroshuke: *See—*
  - Matsuno, Mitsuo; Kudoh, Michio; and Imai, Hiroshuke, 4,533,781, Cl. 585-516.000.
- Imai, Hirosuke: *See—*
  - Kudoh, Michio; Matsuno, Mitsuo; and Imai, Hirosuke, 4,511,748, Cl. 585-467.000.
  - Sakata, Co; and Imai, Hirosuke, 4,547,463, Cl. 435-180.000.
  - Sakata, Ko; and Imai, Hirosuke, 4,520,178, Cl. 526-200.000.
  - Sakata, Ko; and Imai, Hirosuke, 4,525,457, Cl. 435-178.000.
- Imai, Hirozo: *See—*
  - Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, 4,541,305, Cl. 74-690.000.
  - Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, 4,561,326, Cl. 74-798.000.
- Imai, Iwao: *See—*
  - Endo, Hiroshi; Sone, Masazumi; Imai, Iwao; and Kasuya, Hideo, 4,495,421, Cl. 250-551.000.
  - Ishikawa, Yasuki; Endo, Hiroshi; Sone, Masazumi; and Imai, Iwao, 4,510,915, Cl. 123-620.000.
  - Sone, Masazumi; Imai, Iwao; and Nagae, Hiromitsu, 4,516,319, Cl. 29-877.000.
- Imai, Jiro: *See—*
  - Torrence, Paul F.; Johnston, Margaret I.; and Imai, Jiro, 4,515,781, Cl. 514-46.000.
- Imai, Kazuhiro; Zenzo, Tamura; and Shin-Ichiro, Kobayashi, to Yamanouchi Pharmaceutical Co., Ltd. Method of detecting fluorescent materials and apparatus for their detection. 4,540,548, 9-10-85, Cl. 422-52.000.
- Imai, Kazuo; Niigata, Kunihiro; Fujikura, Takashi; Hashimoto, Shinichi; and Takenaka, Toichi, to Yamanouchi Pharmaceutical Co., Ltd. Sulfamoyl-substituted phenethylamine derivatives. 4,558,156, 12-10-85, Cl. 564-85.000.
- Imai, Kazuyoshi: *See—*
  - Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzaki, Takuya; and Imai, Kazuyoshi, 4,517,246, Cl. 428-407.000.
- Imai, Kiyoshi: *See—*
  - Nakajima, Junya; Imai, Kiyoshi; and Nakamura, Takashi, 4,525,449, Cl. 430-407.000.
  - Yamagami, Hiroyuki; Hayashi, Yasuhiro; Deguchi, Naoyasu; and Imai, Kiyoshi, 4,558,000, Cl. 430-504.000.
- Imai, Kiyotaka: *See—*
  - Yamada, Takeo; Harada, Naoki; and Imai, Kiyotaka, 4,553,854, Cl. 374-129.000.
- Imai, Kouichi: *See—*
  - Sawabe, Mitsuo; and Imai, Kouichi, 4,523,374, Cl. 29-597.000.
- Imai, Kuninori: *See—*
  - Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, to Toa Nenryo Kogyo Kabushiki Kaisha. Catalyst component for polymerization of olefins. 4,550,095, 10-29-85, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; and Ueno, Hiroshi, to Toa Nenryo Kogyo Kabushiki Kaisha. Catalyst component for polymerization of olefins. 4,551,440, 11-5-85, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, to Toa Nenryo Kogyo Kabushiki Kaisha. Catalyst component for polymerization of olefins. 4,552,858, 11-12-85, Cl. 502-112.000.
- Imai, Masaharu: *See—*
  - Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, 4,518,863, Cl. 250-578.000.
- Imai, Masao: *See—*
  - Kanemura, Yoshinobu; Imai, Masao; and Sasagawa, Katsuyoshi, 4,542,201, Cl. 526-314.000.
  - Sasagawa, Katsuyoshi; and Imai, Masao, 4,508,655, Cl. 260-429.00R.
  - Sasagawa, Katsuyoshi; Hyugaji, Akio; and Imai, Masao, 4,522,993, Cl. 526-292.400.
  - Sasagawa, Katsuyoshi; Noda, Eiichi; and Imai, Masao, 4,529,684, Cl. 430-269.000.
- Imai, Masaya: *See—*
  - Hazaki, Eiichi; Imai, Masaya; Tojo, Kenji; and Shiibayashi, Masao, 4,555,224, Cl. 418-55.000.
- Imai, Motomasa; Takahashi, Takashi; Furukawa, Osamu; and Kanai, Hideyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Metal oxide varistor with non-diffusable electrodes. 4,516,105, 5-7-85, Cl. 338-21.000.
- Imai, Motomasa: *See—*
  - Kanai, Hideyuki; Furukawa, Osamu; Imai, Motomasa; and Takahashi, Takashi, 4,527,146, Cl. 338-20.000.
  - Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; and Furukawa, Osamu, 4,535,314, Cl. 338-21.000.
  - Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.
- Imai, Nobuomi, to Primo Company Limited. Ceramic microphone. 4,559,418, 12-17-85, Cl. 179-111.00E.
- Imai, Ryusaku: *See—*
  - Ohya, Nobumasa; Imai, Ryusaku; and Sato, Hitoshi, 4,501,931, Cl. 178-18.000.
- Imai, Shigeo: *See—*
  - Suzuki, Migaku; Kobayashi, Toshio; Sasaki, Satoshi; and Imai, Shigeo, 4,532,173, Cl. 428-218.000.
- Imai, Shigeru: *See—*
  - Matsumoto, Masao; and Imai, Shigeru, 4,510,662, Cl. 29-408.000.
- Imai, Takafumi; and Kobayashi, Fumihiko, to Toshiba Silicone Co., Ltd. Room temperature curable polyorganosiloxane composition. 4,537,944, 8-27-85, Cl. 528-18.000.
- Imai, Takayoshi: *See—*
  - Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.
- Imai, Takeshi: *See—*
  - Hosaka, Takefumi; Imai, Takeshi; and Senzaki, Takaya, 4,555,691, Cl. 340-52.00R.
  - Kurihara, Norimitsu; and Imai, Takeshi, 4,536,687, Cl. 318-480.000.
- Imai, Tamotsu; and Hung, Chi-Wen, to UOP Inc. Dehydrogenation catalyst composition. 4,506,032, 3-19-85, Cl. 502-223.000.
- Imai, Tamotsu; and Hung, Chi-Wen, to UOP Inc. Indium-containing dehydrogenation catalyst. 4,551,574, 11-5-85, Cl. 585-660.000.
- Imai, Tatsuo: *See—*
  - Ichinomiya, Toshio; Seiki, Ryosaburo; and Imai, Tatsuo, 4,554,214, Cl. 428-423.100.
- Imai, Tetsuji: *See—*
  - Hosooka, Shuuichi; Imai, Tetsuji; and Hori, Haruo, 4,497,103, Cl. 29-418.000.
- Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Sulfinamide derivatives, a process for preparing the derivatives and herbicides containing the same. 4,557,750, 12-10-85, Cl. 71-87.000.
- Imai, Tomoyuki: *See—*
  - Mishima, Akio; Okuda, Yoshiro; Harada, Tosiharu; Mukaizaka, Akira; and Imai, Tomoyuki, 4,514,216, Cl. 75-0.5AA.
- Imai, Toshihiro; and Ogata, Yasuzi, to Olympus Optical Co., Ltd. Zoom lens system. 4,504,124, 3-12-85, Cl. 350-427.000.
- Imai, Toshihiro, to Olympus Optical Co., Ltd. Compact zoom lens system. 4,506,958, 3-26-85, Cl. 350-427.000.
- Imai, Toshihiro: *See—*
  - Mihara, Shin-ichi; Imai, Toshihiro; Nakahashi, Ken-ichi; Iba, Youichi; Imaizumi, Masaki; and Taira, Akio, 4,562,344, Cl. 250-201.000.
- Imai, Toshiki: *See—*
  - Sainen, Tsutomu; Sakano, Toshiyuki; Fujita, Yoshitaka; and Imai, Toshiki, 4,513,790, Cl. 139-110.000.
- Imai, Yasuhiro: *See—*
  - Nomura, Toshio; Imai, Yasuhiro; Aoi, Tomio; Nakajima, Tetsuo; and Irino, Hiroshi, 4,498,440, Cl. 123-438.000.
- Imai, Yoshikazu: *See—*
  - Ishikawa, Toshikatsu; Ichikawa, Hiroshi; Imai, Yoshikazu; Hayase, Tokuji; and Nagata, Yoichi, 4,507,354, Cl. 428-245.000.
- Imai, Yougo; and Takenaga, Hideo, to Olympus Optical Co., Ltd. Tape recorder. 4,511,935, 4-16-85, Cl. 360-66.000.
- Imai, Yugo, to Olympus Optical Co., Ltd. Tape recorder. 4,504,874, 3-12-85, Cl. 360-66.000.
- Imaide, Takuya; Masuda, Michio; Okuda, Akihide; and Nishimura, Ryuji, to Hitachi, Ltd. Method and apparatus for driving a solid state camera. 4,556,911, 12-3-85, Cl. 358-212.000.
- Imaide, Takuya: *See—*
  - Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.
- Imaizumi, Atsushi: *See—*
  - Suzuki, Yoji; Imaizumi, Atsushi; Yamaguchi, Hisao; Kanesaki, Masaharu; and Ono, Shoji, 4,500,639, Cl. 435-244.000.
- Imaizumi, Hiroyuki: *See—*
  - Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.
- Imaizumi, Mamoru; and Fujiwara, Takashi, to Brother Kogyo Kabushiki Kaisha. Paper feeding apparatus in a printer. 4,538,933, 9-3-85, Cl. 400-582.000.
- Imaizumi, Mamoru; and Kuzuya, Susumu, to Brother Kogyo Kabushiki Kaisha. Paper holding, feeding and inserting apparatus for a printer using different kinds of sheets. 4,540,297, 9-10-85, Cl. 400-625.000.
- Imaizumi, Mamoru; Fujiwara, Takashi; and Kobayashi, Masanari, to Brother Kogyo Kabushiki Kaisha. Motor drive control circuit to restrict motor temperature rise below an upper limit. 4,541,747, 9-17-85, Cl. 400-144.200.
- Imaizumi, Mamoru; and Kojima, Yasumichi, to Brother Kogyo Kabushiki Kaisha. Text processing method and apparatus. 4,553,860, 11-19-85, Cl. 400-68.000.
- Imaizumi, Masaki, to Olympus Optical Co., Ltd. Focusing method for a telephoto lens system. 4,558,928, 12-17-85, Cl. 350-454.000.
- Imaizumi, Masaki: *See—*
  - Mihara, Shin-ichi; Imai, Toshihiro; Nakahashi, Ken-ichi; Iba, Youichi; Imaizumi, Masaki; and Taira, Akio, 4,562,344, Cl. 250-201.000.
- Imaizumi, Tomio, to Tokico Ltd. Hydraulic damper having variable damping device. 4,503,951, 3-12-85, Cl. 188-280.000.
- Imaizumi, Yutaka: *See—*
  - Tanikawa, Minoru; Imaizumi, Yutaka; Suzuki, Masami; Aiba, Kazumi; Sato, Minoru; and Takahashi, Mineo, 4,550,480, Cl. 29-156.40R.

Imajima, Mitsuhiro: *See—*
  Tomioka, Mitsuharu; and Imajima, Mitsuhiro, 4,525,137, Cl. 431-76.000.
Imajima, Mituhiro, to Matsushita Electric Industrial Co., Ltd. Liquid fuel burner having an oxygen sensor located in a flame. 4,534,727, 8-13-85, Cl. 431-76.000.
Imaki, Katsuhiro; Muryobayashi, Takashi; and Kawasaki, Akiyoshi, to Ono Pharmaceutical Co., Ltd. Prostaglandin analogue. 4,562,207, 12-31-85, Cl. 514-573.000.
Imaki, Katsuhiro: *See—*
  Sakai, Yoshiki; Imaki, Katsuhiro; and Muryobayashi, Takashi, 4,503,068, Cl. 514-412.000.
Imaki, Naoshi; and Nakanome, Takemi, to Mitsubishi Chemical Industries Limited. 2,2-dihalo-6-halo-6-(1-haloisobutyl)cyclohexanone. 4,499,306, 2-12-85, Cl. 568-348.000.
Imaki, Takao: *See—*
  Ishida, Kozo; and Imaki, Takao, 4,514,635, Cl. 250-343.000.
Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, to Sony Corporation. Magnetic transducer head utilizing magnetoresistance effect. 4,516,179, 5-7-85, Cl. 360-113.000.
Imakoshi, Shigeyoshi: *See—*
  Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, 4,524,401, Cl. 360-113.000.
Imamichi, Tutomu, to Omron Tateisi Electronics Co. System for performing transactions. 4,511,794, 4-16-85, Cl. 235-379.000.
Imamichi, Tutomu, to Omron Tateisi Electronics Co. System for performing transactions. 4,546,240, 10-8-85, Cl. 235-379.000.
Imamiya, Tamotsu: *See—*
  Tsuda, Nobuaki; Kominami, Naoya; Inagaki, Kenji; and Imamiya, Tamotsu, 4,518,497, Cl. 210-259.000.
Imamizu, Shige: *See—*
  Takakuwa, Shilo; Kobayashi, Isao; Takahashi, Tastuo; and Imamizu, Shige, 4,516,311, Cl. 29-568.000.
Imamura, Eiji; and Shoji, Toshio, to Murata Manufacturing Co., Ltd. Flyback transformer with high voltage variable resistor built therein. 4,527,229, 7-2-85, Cl. 363-126.000.
Imamura, Juichi: *See—*
  Niwa, Shuichi; Imamura, Juichi; Mizukami, Fujio; Shimizu, Kazuo; and Orito, Yoshio, 4,495,373, Cl. 585-269.000.
Imamura, Kosei: *See—*
  Noda, Shigeo; Yamashita, Yasuhiro; and Imamura, Kosei, 4,543,636, Cl. 364-474.000.
Imamura, Minoru: *See—*
  Matsuda, Toshiharu; Imamura, Minoru; and Saho, Norihide, 4,510,771, Cl. 62-514.00R.
Imamura, Nobutake: *See—*
  Tanaka, Shinsuke; Tanaka, Fujio; Nagao, Yasuyuki; Imamura, Nobutake; and Ota, Chuichi, 4,559,573, Cl. 360-131.000.
Imamura, Saburo: *See—*
  Morita, Masao; Tanaka, Akinobu; Imamura, Saburo; Tamamura, Toshiaki; and Kogure, Osamu, 4,507,384, Cl. 430-311.000.
Imamura, Seiji: *See—*
  Kondo, Kazuo; Imamura, Seiji; Saito, Shigemasa; Akimoto, Mamoru; and Sunaga, Mitsuo, 4,523,711, Cl. 228-198.000.
Imamura, Shigeyuki; Misaki, Hideo; Ishikawa, Hidehiko; and Matsuura, Kazuo, to Toyo Jozo Kabushiki Kaisha. Assay method for lipid component, assay composition, and process for production of enzyme used therefor. 4,491,631, 1-1-85, Cl. 435-4.000.
Imamura, Shigeyuki; Misaki, Hideo; and Muto, Naoki, to Toyo Jozo Kabushiki Kaisha. Method for the production of sphingomyelinase. 4,525,458, 6-25-85, Cl. 435-196.000.
Imamura, Tetsuya; Takeuchi, Takashi; Tetsutani, Takashi; and Yasuda, Shinichiro, to Kao Corporation. Coated magnetic toner powder. 4,530,894, 7-23-85, Cl. 430-106.600.
Imamura, Tetsuya: *See—*
  Takeuchi, Takashi; Kobayashi, Syoji; Ootani, Tsuyoshi; and Imamura, Tetsuya, 4,501,795, Cl. 428-329.000.
Imamura, Tetusya: *See—*
  Takeuchi, Takashi; Kobayashi, Shoji; Ohtani, Tsuyoshi; and Imamura, Tetusya, 4,529,649, Cl. 428-328.000.
Imamura, Toshio; Kobayashi, Syouzo; and Hirano, Yukihisa, to Toyota Jidosha Kabushiki Kaisha. Engine cam for use in internal combustion engine. 4,538,559, 9-3-85, Cl. 123-90.600.
Imamura, Tsuyoshi: *See—*
  Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,504,617, Cl. 524-426.000.
  Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,552,689, Cl. 252-511.000.
Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, to Hitachi, Ltd. Photoelectric device. 4,556,816, 12-3-85, Cl. 313-366.000.
Imamura, Yoshinori: *See—*
  Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.
Imamura, Yoshisuke: *See—*
  Ogawa, Hiroe; and Imamura, Yoshisuke, 4,547,377, Cl. 426-268.000.
Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, to Fujisawa Pharmaceutical Co., Ltd. Acetylesterases. 4,517,299, 5-14-85, Cl. 435-197.000.
Imanaka, Hiroshi: *See—*
  Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.
Imanaka, Shoichi. Restaurant food display and serving system. 4,560,032, 12-24-85, Cl. 186-38.000.
Imanaka, Yoshiaki; and Kinashi, Hiroshi, to Sharp Kabushiki Kaisha. Electrophotographic copying machine with a pre-copy system. 4,540,270, 9-10-85, Cl. 355-3.00R.
Imanaka, Yoshiaki: *See—*
  Anzai, Shunju; and Imanaka, Yoshiaki, 4,542,981, Cl. 355-14.00E.
  Mitsuyama, Akira; and Imanaka, Yoshiaki, 4,491,407, Cl. 355-3.0TR.
Imanaka, Yoshifumi; and Ueno, Yutaka, to Mitsubishi Denki Kabushiki Kaisha. Redundancy reduction coding method of multi-tone picture signal and apparatus therefor. 4,542,411, 9-17-85, Cl. 358-260.000.
Imanari, Hitoshi: *See—*
  Omori, Sachio; Naito, Hideshi; Imanari, Hitoshi; and Muryoi, Takeshi, 4,558,927, Cl. 350-429.000.
Imani, Kambiz: *See—*
  Mansouri, Mansour N.; Mansouri, Masoud N.; and Imani, Kambiz, 4,524,471, Cl. 5-8.000.
Imanishi, Kazuo; Hashimoto, Masaru; and Mori, Makoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Protection circuit for an output transistor. 4,538,198, 8-27-85, Cl. 361-86.000.
Imanishi Kinzoku Kogyo Kabushi Kaisha: *See—*
  Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,556,045, Cl. 126-96.000.
Imanishi Kinzoku Kogyo Kabushiki Kaisha: *See—*
  Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,515,557, Cl. 431-302.000.
Imanishi, Kiyokazu; Ichiyanagi, Takashi; Sakurai, Yasuo; Naka, Hirouki; and Nakagawa, Koji, to Matsushita Electric Industrial Co., Ltd. Rotary head assembly. 4,525,757, 6-25-85, Cl. 360-130.240.
Imanishi, Kiyokazu: *See—*
  Inoue, Mamoru; Hara, Shoji; Hasegawa, Morimichi; and Imanishi, Kiyokazu, 4,552,045, Cl. 82-21.00R.
Imanishi, Masami; and Tanaka, Naoki, to Mitsubishi Denki Kabushiki Kaisha. Heat pump system. 4,498,310, 2-12-85, Cl. 62-211.000.
Imanishi, Masamichi: *See—*
  Taguchi, Haruyoshi; Tsujimura, Hideo; and Imanishi, Masamichi, 4,516,687, Cl. 220-94.00R.
  Ueda, Toshihiro; Imanishi, Masamichi; and Miyano, Takayoshi, 4,494,681, Cl. 222-485.000.
Imanishi, Norio: *See—*
  Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, 4,518,989, Cl. 358-86.000.
Imanishi, Yasuhiro: *See—*
  Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.
Imasco-CDC Research Foundation: *See—*
  McClintock, Sam A.; and Purdy, William C., 4,554,064, Cl. 204-411.000.
  Motycka, Jiri, 4,495,947, Cl. 128-205.140.
  Saringer, John H., 4,537,083, Cl. 74-89.150.
Imataki, Mitsumasa: *See—*
  Fujiwara, Yukio; Sonoyama, Seiji; and Imataki, Mitsumasa, 4,507,701, Cl. 361-127.000.
  Matsumura, Susumu; and Imataki, Mitsumasa, 4,511,957, Cl. 363-54.000.
Imatani, Tsuneo; Yasumuro, Hisakazu; Watanabe, Michio; Kurashima, Hideo; and Ishibashi, Kazuhisa, to Toyo Seikan Kaisha, Ltd. Method and apparatus for making a metal can. 4,536,243, 8-20-85, Cl. 156-274.600.
Imatani, Tsuneo: *See—*
  Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.
  Watanabe, Michio; Ishibashi, Kazuhisa; Yasumuro, Hisakazu; Kurashima, Hideo; and Imatani, Tsuneo, 4,560,430, Cl. 156-285.000.
Imatron Associates: *See—*
  Peschmann, Kristian R., 4,531,226, Cl. 378-143.000.
  Peschmann, Kristian R., 4,535,243, Cl. 250-363.00S.
  Rand, Roy E., 4,521,900, Cl. 378-137.000.
  Rand, Roy E., 4,521,901, Cl. 378-138.000.
Imax Systems Corporation: *See—*
  Williamson, Geoffry H., 4,534,630, Cl. 352-194.000.
Imaya, Akihiko; and Kitamura, Susumu, to Sharp Kabushiki Kaisha. In-fem liquid crystal display panel with a film of cellophane tape. 4,492,433, 1-8-85, Cl. 350-339.00R.
Imayoshi, Kiyoyuki, to Toyota Jidosha Kabushiki Kaisha. Method of mounting vehicle wiper mechanism. 4,519,123, 5-28-85, Cl. 29-434.000.

- Imazaki, Hideyuki; and Sakamoto, Kazuhiko, to Nitto Kasei Co., Ltd. Antifouling agent. 4,526,932, 7-2-85, Cl. 525-326.700.
- Imazeki, Hiroyuki, to Futaba Denshi Kogyo K.K. Touch sensor. 4,547,971, 10-22-85, Cl. 33-169.00R.
- Imazeki, Kazuyoshi; and Wani, Hisashi, to General Research of Electronics, Inc. Signal distributing apparatus. 4,502,026, 2-26-85, Cl. 333-101.000.
- Imazeki, Kazuyoshi; and Yokoyama, Nobuaki, to General Research of Electronics, Inc. Antenna with BNC-type coaxial connector. 4,523,197, 6-11-85, Cl. 343-702.000.
- Imazeki, Kazuyoshi; and Yokoyama, Nobuaki, to General Research of Electronics, Inc. Antenna with coaxial connector. 4,525,718, 6-25-85, Cl. 343-702.000.
- Imazeki, Kazuyoshi; and Wani, Hasashi, to General Research of Electronics, Inc. Amplified video signal distributing apparatus. 4,525,738, 6-25-85, Cl. 358-181.000.
- Imazeki, Ryoji; and Kusumi, Katsuaki, to Fujitsu Fanuc Limited. Control device for indexing a stepping rotatable member. 4,494,206, 1-15-85, Cl. 364-474.000.
- Imazeki, Ryoji; and Inoue, Michiya, to Fujitsu Fanuc Limited. Method of rewriting data in non-volatile memory, and system therefor. 4,517,663, 5-14-85, Cl. 365-222.000.
- Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, to Hitachi, Ltd.; and Mitsubishi Chemical Industries Limited. Guest-host type liquid crystal composition and liquid crystal display device using the same. 4,495,083, 1-22-85, Cl. 252-299.100.
- Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, to Mitsubishi Chemical Industries Limited; and Hitachi, Ltd. Anthraquinone dye and liquid crystal composition containing the same. 4,507,221, 3-26-85, Cl. 252-299.100.
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- Imazeki, Shuji: *See—*
  - Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
- Imazu, Katsuhiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, to Toyo Seikan Kaisha, Ltd. Draw-ironed metal vessel having circumferential side seam. 4,541,546, 9-17-85, Cl. 220-456.000.
- Imazumi, Kikuo: *See—*
  - Kunishima, Mamoru; Yabuuchi, Masahiko; Masuda, Minoru; Imazumi, Kikuo; and Hamano, Hiroaki, 4,495,348, Cl. 544-021.000.
- Imbeaux, Jean C.: *See—*
  - Chazenfus, Henri; and Imbeaux, Jean C., 4,529,950, Cl. 332-9.00T.
- Imberge, Paul-Robert: *See—*
  - Ghyczy, Miklos; Imberge, Paul-Robert; and Wendel, Armin, 4,506,831, Cl. 239-10.000.
- Imbert, Michel: *See—*
  - Bouillez, Olivier; and Imbert, Michel, 4,532,392, Cl. 200-147.00R.
  - Douziech, Patrick; and Imbert, Michel, 4,553,156, Cl. 358-24.000.
  - Douziech, Patrick; and Imbert, Michel, 4,561,014, Cl. 358-25.000.
- Imbert, Thierry F.: *See—*
  - Dostert, Philippe L.; Imbert, Thierry F.; and Bucher, Bernard P., 4,536,580, Cl. 546-124.000.
- Imbiel, Herbert; and Herbig, Henning, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Apparatus for unfolding an antenna netting reflector. 4,498,087, 2-5-85, Cl. 343-915.000.
- IMC Acrylguss GmbH: *See—*
  - Melchior, Bernd, 4,544,575, Cl. 427-74.000.
- IMC Magnetics Corp.: *See—*
  - Lavochkin, Ronald B., 4,509,839, Cl. 357-81.000.
  - Manson, Harry G., 4,539,745, Cl. 29-596.000.
- Imchemie Kunststoff GmbH: *See—*
  - Melchior, Bernd, 4,530,806, Cl. 264-22.000.
- IMD Corporation: *See—*
  - McClenathan, John A., 4,529,141, Cl. 242-56.00A.
- IMDEC s.r.l.: *See—*
  - Silvestrini, Jesus A., 4,493,851, Cl. 426-482.000.
  - Silvestrini, Jesus A.; and Morsucci, Juan C., 4,505,670, Cl. 432-124.000.
- Imea SA: *See—*
  - Lehmann, Franz, 4,518,155, Cl. 269-60.000.
- IMEC Corporation: *See—*
  - Comstock, Robert H.; Curtiss, William P.; and Fulton, Donald E., 4,506,321, Cl. 364-174.000.
  - Sharp, Gordon P.; Curtiss, William P., and Yundt, George B., 4,528,898, Cl. 98-115.300.
- Imel, Charles E.: *See—*
  - Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., 4,530,131, Cl. 15-321.000.
- Imhof, Heinrich, to Ingenieurburo Imhof GmbH. Assembly for sealing an annular gap between the wall of a large vessel and a floating cover. 4,524,878, 6-25-85, Cl. 220-224.000.
- Imhof, Rainer, to Mannesmann Rexroth GmbH. Electro-hydraulic directional control valve. 4,543,875, 10-1-85, Cl. 91-459.000.
- Imhof, Werner, to Posalux S.A. Machine tool. 4,520,551, 6-4-85, Cl. 29-568.000.
- Imhof, Werner: *See—*
  - Christiansen, Tage; Imhof, Werner; Jensen, Poul F.; Kjaer, Jens B.; Kristiansen, Bjarne; Kristensen, Kjeld; and Pedersen, Bent, 4,499,109, Cl. 426-36.000.
- Imhoff, Robert W. Automatically releasable locking electric plug. 4,544,216, 10-1-85, Cl. 339-14.00P.
- IMI Kynoch Limited: *See—*
  - Atherton, John R.; Sindall, John H.; and Heathcock, Osmond R., 4,532,997, Cl. 169-56.000.
  - Hayfield, Peter C. S., 4,502,936, Cl. 204-290.00F.
- Imi-Tech Corporation: *See—*
  - Lee, Raymond; Okey, David W.; and Ferro, Gregory A., 4,535,099, Cl. 521-154.000.
  - Lee, Raymond; Sorathia, Usman A. K.; and Ferro, Gregory A., 4,535,101, Cl. 521-189.000.
  - Lee, Raymond; Okey, David W.; and Ferro, Gregory A., 4,539,342, Cl. 521-189.000.
  - Lee, Raymond; Ferro, Gregory A.; and Okey, David W., 4,562,112, Cl. 428-318.600.
- Immaru, Daisaku: *See—*
  - Kawasaki, Takao; Immaru, Daisaku; Tsuchiya, Tadashi; Yamaguchi, Yukiharu; and Komatsu, Katsumi, 4,558,059, Cl. 514-371.000.
- Immel, Otto; Schwarz, Hans-Helmut; Quast, Hein; and Bandtel, Eberhard, to Bayer Aktiengesellschaft. Process for the preparation of trimethylolpropane. 4,514,578, 4-30-85, Cl. 568-853.000.
- Immell, Raymond G.: *See—*
  - Sasser, Bill H.; Walker, Scott H.; and Immell, Raymond G., 4,495,506, Cl. 343-909.000.
- Immink, Kornelis A.; Nijboer, Jakob G.; Ogawa, Hiroshi; and Odaka, Kentaro, to Sony Corporation. Method of coding binary data. 4,501,000, 2-19-85, Cl. 375-25.000.
- Immler, Josef; and van der Sel, Cornelis, to Siemens Aktiengesellschaft. Optical wand for reading OCR characters and bar code marks. 4,538,072, 8-27-85, Cl. 250-568.000.
- Immolding Establishment: *See—*
  - Morin, Claude P., 4,548,665, Cl. 156-197.000.
- Immonen, Kari, to ASEA Aktiebolag. Tool for assembly of halves of a valve stem key for retaining valve springs. 4,494,306, 1-22-85, Cl. 29-809.000.
- Immudx, Inc.: *See—*
  - Shell, William E.; Burnam, Michael H.; and Tokes, Zoltan A., 4,492,753, Cl. 435-17.000.
- Immunex Corporation: *See—*
  - Baker, Paul E., 4,560,655, Cl. 435-241.000.
- Immunicon, Inc.: *See—*
  - Liberti, Paul A.; and Pollara, Paul, 4,551,435, Cl. 436-541.000.
- Immuno Aktiengesellschaft fur Chemisch-Medizinische Produkte: *See—*
  - Eibl, Johann; Hetzl, Ernst; and Linnau, Yendra, 4,510,084, Cl. 260-112.00B.
  - Linnau, Yendra; and Schwarz, Otto, 4,522,751, Cl. 260-112.00B.
- Immuno Nuclear Corporation: *See—*
  - Lindall, Arnold W.; and Elting, James J., 4,508,828, Cl. 436-500.000.
- Imnetec Inc.: *See—*
  - Davis, Jeffrey J., 4,516,974, Cl. 604-333.000.
  - Smith, Leonard E.; and Johnson, James, 4,530,496, Cl. 272-68.000.
- Imoda, Kinichiro; Kawai, Toshinori; and Nishitani, Kimio, to Aichi Spinning Co., Ltd. Method and apparatus for detecting fluctuations of monitoring standard of thread-knotting monitor in auto-winder. 4,513,921, 4-30-85, Cl. 242-36.000.
- Imondi, Peter F.: *See—*
  - Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.
- Imori, Hideo: *See—*
  - Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, 4,499,390, Cl. 310-88.000.
  - Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, 4,504,752, Cl. 310-68.00R.
  - Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, 4,543,504, Cl. 310-68.00D.
- Imose, Kazuo; Yamamuro, Kiyoshi; Takeuchi, Hironori; and Misawa, Takashi, to Teijin Limited; and Fuji Electric Co., Ltd. Device for transmitting measurement data from a rotating body. 4,518,962, 5-21-85, Cl. 340-870.280.
- Imose, Masayuki; Seno, Takao; and Sakaguchi, Yoshihito, to Chugai Ro Co., Ltd. Floating equipment and floating-type heat treating furnace for striplike works. 4,501,553, 2-26-85, Cl. 432-59.000.
- Imoto, Masaya: *See—*
  - Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi; and Imoto, Masaya, 4,550,159, Cl. 536-6.400.
- Imoto, Tadashi: *See—*
  - Norota, Susumi; Kiriyama, Tsutomu; Imoto, Tadashi; and Azumi, Toshinori, 4,521,364, Cl. 264-176.00F.
- Imoto, Tadasi: *See—*
  - Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, 4,526,735, Cl. 264-27.000.
- Impact Roller, Inc.: *See—*
  - Haugen, Gary; and Amundson, Everett, 4,523,674, Cl. 198-843.000.
- Impact Systems, Inc.: *See—*
  - Stephansen, Erik; Sharma, Rajeeva; and Richie, Michael, 4,494,316, Cl. 34-68.000.
  - Stephansen, Erik, 4,509,270, Cl. 34-4.000.
  - Stephansen, Erik W., 4,514,913, Cl. 34-48.000.
- Imperial Chemical Industries: *See—*
  - Brittain, David R.; and Wood, Robin, 4,544,662, Cl. 514-374.000.

- • Owen, David J.; and MacLaine, Colin G., 4,549,243, Cl. 361-228.000.
- Imperial Chemical Industries Australia Limited: *See*—
  - Parris, David, 4,546,204, Cl. 568-697.000.
- Imperial Chemical Industries Limited: *See*—
  - Addleman, Robert L., 4,553,017, Cl. 219-121.0LA.
  - Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., 4,536,555, Cl. 526-295.000.
  - Bloomfield, Allen A.; and Goodall, James R., 4,526,326, Cl. 242-43.200.
  - Briggs, Peter J.; and McAloon, Kevin, 4,532,176, Cl. 428-288.000.
  - Briggs, Peter J.; McAloon, Kevin; and Rideal, Graham R., 4,543,287, Cl. 428-288.000.
  - Greenshields, James N., 4,537,980, Cl. 549-370.000.
  - Richardson, Peter J., 4,550,206, Cl. 564-289.000.
- Imperial Chemical Industries PLC: *See*—
  - Alford, Neil M., 4,528,238, Cl. 428-246.000.
  - Anderton, Kenneth; Hall, Nigel; Parton, Brian; Renfrew, Andrew H. M.; and Shaw, Malcolm G., 4,512,773, Cl. 8-657.000.
  - Andrew, Sydney P. S., 4,545,351, Cl. 123-440.000.
  - Arundel, Philip A.; and Horsfall, George B., 4,528,986, Cl. 128-665.000.
  - Athey, Graham, 4,520,066, Cl. 428-288.000.
  - Backhouse, Alan J., 4,539,363, Cl. 524-460.000.
  - Bailey, Derrick S.; Cogswell, Frederic N.; and Griffin, Brian P., 4,508,891, Cl. 528-191.000.
  - Baker, Alan S., 4,504,275, Cl. 44-51.000.
  - Baker, Alan S., 4,504,276, Cl. 44-51.000.
  - Baker, Alan S., 4,509,950, Cl. 44-51.000.
  - Baker, Maurice G., 4,548,916, Cl. 502-105.000.
  - Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., 4,524,198, Cl. 526-292.100.
  - Ballard, Denis G. H.; Moran, Kenneth T.; and Shirley, Ian M., 4,548,737, Cl. 252-500.000.
  - Barlow, Jeffrey J.; and Smith, Leslie H., 4,550,111, Cl. 514-255.000.
  - Birkett, Kevin; Scovell, Edward G.; and John, Glyn R., 4,493,876, Cl. 428-457.000.
  - Blundell, David J.; Griffin, Brian P.; and MacDonald, William A., 4,499,256, Cl. 528-172.000.
  - Boulton, Thomas W.; and Derwent, Brian J., 4,493,759, Cl. 204-252.000.
  - Brereton, Colin, 4,537,672, Cl. 204-253.000.
  - Brittain, David R.; and Wood, Robin, 4,503,066, Cl. 514-409.000.
  - Brittain, David R.; and Wood, Robin, 4,523,021, Cl. 548-410.000.
  - Brittain, David R.; Brown, David; and Wood, Robin, 4,539,329, Cl. 514-389.000.
  - Brody, Harry, 4,518,744, Cl. 525-184.000.
  - Brody, Harry, 4,522,884, Cl. 428-400.000.
  - Bromley, Charles W.; Cooke, Brian A.; and Coombes, Norman A., 4,544,686, Cl. 523-411.000.
  - Brown, David; Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,495,185, Cl. 514-242.000.
  - Brown, David; Dowell, Robert I.; Hargreaves, Rodney B.; and Main, Brian G., 4,503,054, Cl. 514-242.000.
  - Burgess, Paul E. A.; and Brereton, Colin, 4,541,911, Cl. 204-253.000.
  - Caldwell, David; Miller, David; and Padget, John C., 4,532,159, Cl. 427-388.400.
  - Carr, Edward H.; Knight, Harry W.; and Turnock, Richard C., 4,504,789, Cl. 324-418.000.
  - Carr, Paul L. I., 4,523,427, Cl. 57-248.000.
  - Carroll, William G., 4,554,306, Cl. 524-377.000.
  - Cartwright, David, 4,508,907, Cl. 546-345.000.
  - Cartwright, David, 4,555,575, Cl. 546-345.000.
  - Casci, John L.; Lowe, Barrie M.; and Whittam, Thomas V., 4,528,171, Cl. 423-277.000.
  - Casci, John L.; Lowe, Barrie M.; and Whittam, Thomas V., 4,537,754, Cl. 423-277.000.
  - Chinchen, Godfrey C., 4,540,563, Cl. 423-656.000.
  - Churchill, Jeffrey R.; and Hutchinson, Francis G., 4,526,938, Cl. 525-415.000.
  - Clough, John M., 4,496,388, Cl. 71-76.000.
  - Coffee, Ronald A.; Bennett, Peter C.; Houghton, Leonard E.; Johnson, Graham C.; Sommerville, John A.; Boyce, Peter H.; and Currall, William J. P., 4,553,702, Cl. 239-690.000.
  - Cogswell, Frederic N.; and Staniland, Philip A., 4,541,884, Cl. 156-166.000.
  - Cogswell, Frederic N.; and Hezzell, David J., 4,549,920, Cl. 156-181.000.
  - Cogswell, Frederic N.; Hezzell, David J.; and Williams, Peter J., 4,559,262, Cl. 428-294.000.
  - Coombes, Norman A.; Wilkinson, Michael R.; and Bromley, Charles W. A., 4,562,226, Cl. 524-767.000.
  - Corfield, Brian L.; and Rowe, Raymond C., 4,522,840, Cl. 427-3.000.
  - Cozens, Ross J., 4,539,381, Cl. 526-93.000.
  - Cramp, John H. W., 4,529,317, Cl. 356-407.000.
  - Cramp, John H. W.; Murray, Robert T.; Reid, Robert F.; and Mortier, Roy M., 4,560,248, Cl. 350-96.340.
  - Crosby, John, 4,510,098, Cl. 260-465.00D.
  - Crosby, John, 4,551,281, Cl. 260-465.00D.
  - Cross, William T.; and Ramshaw, Colin, 4,553,408, Cl. 62-476.000.
  - Crowley, Patrick J.; and Williams, John C., 4,547,214, Cl. 71-76.000.
  - Dalton, Raymond F.; Price, Raymond; Quan, Peter M.; and Stewart, David, 4,525,330, Cl. 423-24.000.
  - Davies, Gwilym R., 4,492,617, Cl. 204-73.00R.
  - Davies, Stephen P.; and Thompson, Morice W., 4,539,362, Cl. 524-458.000.
  - Day, Michael A.; and Reid, Alistair, 4,526,885, Cl. 502-327.000.
  - Dewing, John; Hogan, Philip J.; and Stewart, Allan, 4,533,533, Cl. 423-328.000.
  - Doroszkowski, Andrew, 4,512,861, Cl. 204-181.00R.
  - Eakin, Murdoch A.; Hayter, Anthony J.; and Furr, Barrington J. A., 4,533,672, Cl. 514-415.000.
  - Edgerley, Peter G.; and Oldland, Sidney R. D., 4,493,871, Cl. 428-308.400.
  - Evans, David D., 4,510,133, Cl. 514-30.000.
  - Gravestock, Michael B., 4,503,062, Cl. 514-383.000.
  - Halsall, James R.; and Murray, Robert T., 4,517,456, Cl. 250-226.000.
  - Hanson, Charles B.; and Harrison, Colin R., 4,496,663, Cl. 502-209.000.
  - Hargreaves, Rodney B.; and McLoughlin, Bernard J., 4,493,835, Cl. 424-246.000.
  - Hargreaves, Rodney B., 4,508,721, Cl. 514-252.000.
  - Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,558,045, Cl. 514-222.000.
  - Harper, Michael J. K.; Richardson, Dora N.; and Walpole, Arthur L., deceased, 4,536,516, Cl. 514-514.000.
  - Hayden, Percy; Mee, Alec; and Wright, Donald, 4,507,508, Cl. 568-487.000.
  - Hesketh, Bernard; and Pumphrey, Nicholas W. J., 4,514,274, Cl. 204-290.00F.
  - Holmes, Paul A., 4,537,738, Cl. 264-210.500.
  - Hughes, Leslie R., 4,535,092, Cl. 514-438.000.
  - Jackson, Graham V.; and Meredith, William N., 4,547,469, Cl. 501-84.000.
  - Johnson, David W., 4,532,231, Cl. 502-347.000.
  - Jones, Michael E. B., 4,530,992, Cl. 528-232.000.
  - Jung, Frederic H.; and Davies, Gareth M., 4,492,692, Cl. 424-246.000.
  - Jung, Frederic H.; and Davies, Gareth M., 4,504,478, Cl. 514-202.000.
  - Jung, Frederic H.; Olivier, Annie A.; and Loftus, Frank, 4,547,573, Cl. 544-27.000.
  - Kay, Ian T.; and Noon, Robert A., 4,506,084, Cl. 549-74.000.
  - Kay, Ian T.; and Noon, Robert A., 4,515,959, Cl. 548-378.000.
  - Kay, Ian T.; and Noon, Robert A., 4,552,887, Cl. 514-381.000.
  - Loftus, Frank, 4,497,949, Cl. 544-27.000.
  - MacLaine, Colin G.; and Owen, David J., 4,561,037, Cl. 361-228.000.
  - Marchington, Anthony F.; Lewis, Timothy; Clough, John M.; Worthington, Paul A.; and Dalziel, John, 4,518,415, Cl. 71-92.000.
  - Marsham, Peter R.; and Thomson, David S., 4,520,027, Cl. 514-354.000.
  - McAloon, Kevin T.; Heeson, Iona E.; and Cleaver, Gordon E., 4,539,046, Cl. 106-121.000.
  - McClelland, Robert D.; and Renfrew, Andrew H. M., 4,542,213, Cl. 544-76.000.
  - McKenzie, Ian D., 4,533,707, Cl. 526-125.000.
  - Milner, David J., 4,517,129, Cl. 260-465.00G.
  - Ming, Paul T., 4,514,730, Cl. 340-815.260.
  - Moss, Keith G.; Smith, Peter J.; and Woolhouse, Robin A., 4,523,984, Cl. 204-296.000.
  - Newton, David F.; and Thompson, David J., 4,493,785, Cl. 252-299.100.
  - Nicks, Peter F.; and Young, Gillian A., 4,552,908, Cl. 523-504.000.
  - Padget, John C., 4,504,614, Cl. 524-284.000.
  - Padget, John C.; and McIlrath, Donald H., 4,543,386, Cl. 524-523.000.
  - Padget, John C.; and McIlrath, Donald H., 4,543,387, Cl. 524-523.000.
  - Parry, Keith P.; Worthington, Paul A.; and Rathmell, William G., 4,551,469, Cl. 514-383.000.
  - Porter, John E.; and Ramshaw, Colin, 4,549,998, Cl. 261-88.000.
  - Powell, Richard L., 4,541,943, Cl. 252-67.000.
  - Powell, Richard L., 4,559,154, Cl. 252-69.000.
  - Preston, John; and Carling, William R., 4,528,282, Cl. 514-19.000.
  - Punja, Nazim, 4,551,546, Cl. 560-124.000.
  - Roberts, John S.; and Waite, Frederick A., 4,543,105, Cl. 44-55.000.
  - Robson, Michael J., 4,510,160, Cl. 514-521.000.
  - Robson, Michael J., 4,512,931, Cl. 260-465.00D.
  - Saunders, Peter J., 4,537,131, Cl. 102-217.000.
  - Scott, Graham W.; and Steven, James H., 4,556,466, Cl. 204-182.200.
  - Scott, Graham W.; and Steven, James H., 4,557,815, Cl. 204-182.200.
  - Scott, Norman; and Hepworth, Paul, 4,523,038, Cl. 568-492.000.
  - Shepherd, David, 4,497,711, Cl. 210-656.000.
  - Shepherd, David, 4,534,754, Cl. 494-37.000.
  - Stageman, John F., 4,562,245, Cl. 528-361.000.
  - Stansfield, James F.; Toole, James; and Topham, Arthur, 4,518,435, Cl. 106-308.00N.
  - Sugavanam, Balasubramanyan, 4,507,140, Cl. 71-76.000.
  - Taylor, Stephen C., 4,508,822, Cl. 435-155.000.
  - Turnbull, Michael D., 4,559,353, Cl. 514-346.000.
  - Walker, Brian J.; and Hodgson, Victor F., 4,495,013, Cl. 156-79.000.
  - Walker, Edward R. H., 4,533,656, Cl. 514-19.000.
  - Williams, Ian G., 4,530,951, Cl. 524-101.000.

Williams, Ian G., 4,548,972, Cl. 524-100.000.
Williams, Ian G., 4,552,912, Cl. 524-100.000.
Worthington, Paul A., 4,523,019, Cl. 548-262.000.
Yellin, Tobias O.; and Gilman, David J., 4,493,840, Cl. 424-269.000.
Yellin, Tobias O.; and Gilman, David J., 4,496,564, Cl. 514-237.000.
Yellin, Tobias O.; Gilman, David J.; Edwards, Philip N.; Large, Michael S.; Jones, Derrick F.; and Oldham, Keith, 4,496,571, Cl. 514-340.000.
Imperial Clevite Inc.: *See—*
Adams, Kenneth J.; and Dyke, David E., 4,555,294, Cl. 156-309.600.
Green, Ralph R.; and Green, Robert C., 4,520,281, Cl. 307-475.000.
Kolchinsky, Abel E.; and Kazi, Shaukat A., 4,526,340, Cl. 251-38.000.
Kolchinsky, Abel E.; and Kazi, Shaukat A., 4,540,154, Cl. 251-129.150.
Kolchinsky, Abel E.; and Kazi, Shaukat A., 4,544,128, Cl. 251-30.010.
Kowal, Leonard J.; and Schwarz, Albert J., 4,538,842, Cl. 285-354.000.
Kowal, Leonard J.; and Schwarz, Albert J., 4,556,242, Cl. 285-341.000.
Maldavs, Ojars; and Leddy, William J., Jr., 4,502,662, Cl. 251-149.600.
O'Brien, James W.; and Spevak, Frank, 4,495,252, Cl. 428-555.000.
Shtarkman, Emile M., 4,504,044, Cl. 267-35.000.
Shtarkman, Emile M., 4,509,730, Cl. 267-35.000.
Shtarkman, Emile M., 4,555,098, Cl. 267-140.100.
Shtarkman, Emile M., 4,560,150, Cl. 267-35.000.
Snee, David J., 4,491,168, Cl. 164-98.000.
Snyder, Daniel S., 4,510,484, Cl. 340-58.000.
Snyder, Daniel S.; and Benincasa, Timothy C., 4,511,869, Cl. 334-20.000.
Imperial Inc.: *See—*
Gober, Jerome T., 4,558,224, Cl. 250-461.100.
Imperial Industries plc: *See—*
Scott, Graham W.; and Steven, James H., 4,556,465, Cl. 204-182.200.
Imperial Oil Limited: *See—*
Berstein, Patrick, 4,558,211, Cl. 235-380.000.
Henderson, Harry E.; and Smith, Clinton R., 4,533,778, Cl. 585-13.000.
Riley, Victor, 4,553,362, Cl. 52-236.300.
Imperial Plastics, Inc.: *See—*
Iverson, Peter B.; and Gambell, John A., 4,558,782, Cl. 206-387.000.
Imperial Underground Sprinkler Co.: *See—*
Caviar, Lee, 4,491,686, Cl. 174-87.000.
Imperiale, Nino, to W. R. Grace & Co., Cryovac Div. Method and apparatus for opening and loading flexible containers. 4,516,384, 5-14-85, Cl. 53-459.000.
Imphy S.A.: *See—*
Duffaut, Francois, 4,525,431, Cl. 428-638.000.
Impink, Albert J., Jr.; Rumancik, Joseph A.; and Easter, James R., to Westinghouse Electric Corp. Method and apparatus for on-line monitoring of the operation of a complex non-linear process control system. 4,552,718, 11-12-85, Cl. 376-216.000.
Impro Technologies, Inc.: *See—*
Krueger, Roger J., 4,531,875, Cl. 414-22.000.
Imran, Mir: *See—*
Kinney, Philip C.; Imran, Mir; and Donnelly, Edward J., 4,532,710, Cl. 33-141.00E.
Ims, Dale R., to Xerox Corporation. Ink jet printing method and apparatus. 4,520,368, 5-28-85, Cl. 346-75.000.
Ims, Horst O. H., to Uniroyal, Ltd. Diaphragm pump having a valve sheet with inlet and outlet flaps and having antisiphoning capability during pump shutdown. 4,545,735, 10-8-85, Cl. 417-307.000.
Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, to Hitachi, Ltd. Method of fabricating magnetic bubble memory device. 4,556,582, 12-3-85, Cl. 427-38.000.
Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Ohta, Norio; and Sugita, Yutaka, to Hitachi, Ltd. Method of fabricating magnetic bubble memory device. 4,556,583, 12-3-85, Cl. 427-38.000.
Imura, Shinichi: *See—*
Kokubo, Eiichi; Arikawa, Junichi; Goi, Kowichi; and Imura, Shinichi, 4,517,451, Cl. 235-379.000.
Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.
Imura, Takayoshi: *See—*
Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.
In-Door Gym: *See—*
Dudley, Edmond R., 4,557,480, Cl. 272-133.000.
In. Ex. Painting: *See—*
Beck, Earl, 4,528,714, Cl. 15-230.110.
In-Situ, Inc.: *See—*
McGrew, Kent J.; and Murphy, Jack W., 4,557,759, Cl. 75-118.00R.
Silver, Howard F.; and Miller, Ronald L., 4,537,675, Cl. 208-8.0LE.
In Situ Technology, Inc.: *See—*
Terry, Ruel C., 4,544,037, Cl. 166-369.000.
Ina, Kenzo; and Hara, Teruya, to Canon Kabushiki Kaisha. Information readout apparatus. 4,494,157, 1-15-85, Cl. 360-48.000.
Ina Seito Co., Ltd.: *See—*
Fujii, Morizumi; Kakimoto, Hirofumi; and Fujino, Shinji, 4,554,769, Cl. 52-173.00R.
Hatahira, Seiichi, 4,503,157, Cl. 501-1.000.
Ina, Tatsuo. Device in universal head for tilting camera to the left and right. 4,533,103, 8-6-85. Cl. 248-179.000.
Ina, Teruo, to Mitsubishi Denki Kabushiki Kaisha. Cooling apparatus for machinery. 4,501,123, 2-26-85, Cl. 62-119.000.
Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Air-fuel ratio control device for internal combustion engines. 4,513,721, 4-30-85, Cl. 123-478.000.
Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, to Nippon Soken, Inc. Torque variation detecting method and apparatus for internal combustion engine. 4,517,648, 5-14-85, Cl. 364-431.010.
Ina, Toshikazu: *See—*
Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.
Kohama, Tokio; Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, 4,513,627, Cl. 73-862.340.
Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,513,628, Cl. 73-862.340.
Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.
Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,550,618, Cl. 73-862.340.
Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,503,713, Cl. 73-862.340.
Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,513,626, Cl. 73-862.340.
INA Walzlager Schaeffler KG: *See—*
Basener, Helmut, 4,544,286, Cl. 384-486.000.
Bender, Rolf; Jacob, Werner; and Pfuderer, Horst, 4,524,671, Cl. 89-14.050.
Parzefall, Walter; Pflugner, Wolfgang; and Steinberger, Wolfgang, 4,544,212, Cl. 308-6.00R.
Ina, Yoshifumi: *See—*
Kusakawa, Yukio; Nakamura, Toshiaki; Ina, Yoshifumi; and Inbe, Takashi, 4,508,492, Cl. 417-366.000.
Inaba, Hajimu; and Torii, Nobutoshi, to Fujitsu Fanuc Limited. Workpiece feeder. 4,492,301, 1-8-85, Cl. 198-472.000.
Inaba, Hajimu; Sakakibara, Shinsuke; Inagaki, Shigemi; and Torii, Nobutoshi, to Fujitsu Fanuc Limited. System for controlling an industrial robot. 4,495,453, 1-22-85, Cl. 318-568.000.
Inaba, Hajimu; Nakashima, Seiichiro; Inagaki, Shigemi; and Ito, Susumu, to Fujitsu Fanuc Limited. Industrial robot. 4,502,830, 3-5-85, Cl. 414-735.000.
Inaba, Hajimu; and Sakakibara, Shinsuke, to Fanuc Ltd. Robot control apparatus. 4,504,771, 3-12-85, Cl. 318-561.000.
Inaba, Hajimu; and Sakakibara, Shinsuke, to Fanuc Ltd. Robot control system. 4,511,985, 4-16-85, Cl. 364-513.000.
Inaba, Hajimu; and Sakakibara, Shinsuke, to Fujitsu Fanuc Limited. Method and apparatus for controlling industrial robots. 4,530,062, 7-16-85, Cl. 364-513.000.
Inaba, Hajimu; Sakakibara, Shinsuke; and Nihei, Ryo, to Fujitsu Fanuc Limited. Device for operating a hand of an industrial robot. 4,530,636, 7-23-85, Cl. 414-730.000.
Inaba, Hajimu; Inagaki, Shigemi; and Ito, Susumu, to Fujitsu Fanuc Limited. Robot wrist of an industrial robot. 4,538,639, 9-3-85, Cl. 137-580.000.
Inaba, Hajimu; and Nihei, Ryo, to Fanuc Ltd. Industrial robot hand. 4,540,212, 9-10-85, Cl. 294-88.000.
Inaba, Hajimu; and Miyashita, Hideo, to Fanuc Ltd. Robot control system for presetting limit values corresponding to limits of deviation. 4,542,471, 9-17-85, Cl. 364-513.000.
Inaba, Hajimu; and Sakakibara, Shinsuke, to Fanuc Ltd. Industrial robot control method. 4,543,639, 9-24-85, Cl. 364-513.000.
Inaba, Hajimu; and Sakakibara, Shinsuke, to Fanuc Ltd. Industrial robot control method. 4,549,276, 10-22-85, Cl. 364-513.000.
Inaba, Hajimu; and Sakakibara, Shinsuke, to Fanuc Ltd. Method and apparatus for controlling the acceleration and deceleration of a movable element without abrupt changes in motion. 4,555,758, 11-26-85, Cl. 364-174.000.
Inaba, Hajimu; Sakakibara, Shinsuke; and Nihei, Ryo, to Fanuc Ltd. Robot control system. 4,562,551, 12-31-85, Cl. 364-513.000.
Inaba, Hajimu: *See—*
Nakashima, Seiichiro; Inaba, Hajimu; and Inagaki, Shigemi, 4,540,332, Cl. 414-744.00R.
Inaba, Hideaki; and Sakakibara, Shuzi, to Daido Tokushuko Kabushiki Kaisha. Steel refining method. 4,517,015, 5-14-85, Cl. 75-12.000.
Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, to Hitachi, Ltd. Controller for elevator. 4,553,640, 11-19-85, Cl. 187-29.00R.
Inaba, Hiroshi, to Nitsuko Limited. Key switch devices with indicator lamp means. 4,531,034, 7-23-85, Cl. 200-314.000.
Inaba, Hiroshi, to Nitsuko Limited. Key switch devices with key guide means. 4,556,769, 12-3-85, Cl. 200-340.000.

Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, to Canon Kabushiki Kaisha. Diaphragm device. 4,491,401, 1-1-85, Cl. 354-271.100.

Inaba, Humio; Ito, Hiromasa; and Ogawa, Yoh, to Tohoku University. Optical function semiconductor device. 4,521,681, 6-4-85, Cl. 250-205.000.

Inaba, Kazuo: *See—*
- Kurata, Hidenori; Inaba, Kazuo; Sugiyama, Tomokazu; and Hirata, Tomio, 4,547,655, Cl. 219-204.000.

Inaba, Kohji; Sasatani, Seiei; Koide, Tatsushi; and Nanya, Tamio, to Ono Pharmaceutical Co., Ltd. Long-lasting multi-layered film preparation. 4,552,751, 11-12-85, Cl. 424-19.000.

Inaba, Masaharu: *See—*
- Kato, Eiichi; Okamoto, Masataka; Ueda, Hiroshi; and Inaba, Masaharu, 4,502,984, Cl. 252-518.000.

Inaba, Masahito: *See—*
- Yuasa, Yoshio; Yasumoto, Hidetoshi; Kawagoe, Nobukazu; Naruse, Kazuhiko; and Inaba, Masahito, 4,551,011, Cl. 355-35.000.

Inaba, Masaichi, to Nippon Mektron Ltd. Keyboard switch. 4,508,942, 4-2-85, Cl. 200-5.00A.

Inaba, Michihiko: *See—*
- Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, 4,528,246, Cl. 428-596.000.
- Kanto, Masaharu; Kihara, Hisato; Teshima, Koichi; and Inaba, Michihiko, 4,558,252, Cl. 313-402.000.

Inaba, Morimitsu, to Inabac Corporation; and AMT Co., Ltd. Magnetic separator. 4,498,987, 2-12-85, Cl. 210-222.000.

Inaba, Naomi: *See—*
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,550,095, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,552,858, Cl. 502-112.000.
- Nomura, Takeshi; Maruyama, Kouji; Ueno, Hiroshi; and Inaba, Naomi, 4,544,648, Cl. 502-119.000.
- Takagiwa, Hiroyuki; Takahashi, Jiro; Shirose, Meizo; Inaba, Naomi; and Seki, Megumi, 4,557,991, Cl. 430-109.000.

Inaba, Nobuaki: *See—*
- Nagahara, Yoshikazu; and Inaba, Nobuaki, 4,557,109, Cl 60-436.000.
- Sato, Hideyori; Inaba, Nobuaki; Arai, Mitsuru; and Onzou, Michio, 4,520,625, Cl. 60-464.000.

Inaba, Norihiko: *See—*
- Sakamoto, Hiroshi; Inaba, Norihiko; and Taniguchi, Keishi, 4,506,278, Cl. 346-216.000.
- Sakamoto, Hiroshi; Koseki, Yoshihiro; Motosugi, Takanori; and Inaba, Norihiko, 4,507,669, Cl. 346-207.000.

Inaba, Ritsuo; and Wasa, Kiyotaka, to Matsushita Electric Industrial Co., Ltd. Voltage measuring device. 4,510,443, 4-9-85, Cl. 324-120.000.

Inaba, Ritsuo: *See—*
- Kasahara, Yukio; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,553,099, Cl. 324-458.000.
- Mitsuyu, Tsuneo; Ono, Shusuke; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,501,987, Cl. 310-313.00A.
- Tokusima, Akira; and Inaba, Ritsuo, 4,562,373, Cl. 310-328.000.

Inaba, Shigeru: *See—*
- Makishima, Takao; Inaba, Shigeru; and Wada, Yasuyoshi, 4,518,099, Cl. 221-30.000.

Inaba, Shizuo; Sato, Kiyoshi; Takahashi, Yoshio; and Takahashi, Hideyuki, to Pioneer Electronic Corporation. Automatic disc loading apparatus. 4,539,670, 9-3-85, Cl. 369-77.100.

Inaba, Takao: *See—*
- Tanaka, Isao; and Inaba, Takao, 4,496,258, Cl. 401-206.000.

Inaba, Tsutomu: *See—*
- Morishita, Etsuo; Sugihara, Masahiro; Inaba, Tsutomu; and Nakamura, Toshiyuki, 4,553,913, Cl. 418-55.000.
- Nakamura, Toshiyuki; Inaba, Tsutomu; and Kimura, Tadashi, 4,496,293, Cl. 417-371.000.

Inaba, Yoshihiro: *See—*
- Ikeuchi, Satoru; Inaba, Yoshihiro; Shimazaki, Hiroshi; and Kobayashi, Tatsuhiko, 4,533,621, Cl. 430-213.000.

Inaba, Yukio; Igarashi, Taisei; Tahara, Susumu; and Miyatake, Takashi, to UBE Industries, Ltd. Preparation of 2,3-dihydro-2-methyl-2,3-dialkyl-7-oxybenzofurans. 4,540,800, 9-10-85, Cl. 549-462.000.

Inaba, Yutaka, to Tokyo Medical and Dental University. Support device for medical instruments. 4,510,926, 4-16-85, Cl. 128-20.000.

Inabac Corporation: *See—*
- Inaba, Morimitsu, 4,498,987, Cl. 210-222.000.

Inada, Kenichi: *See—*
- Sakai, Shojo; Kato, Hisaaki; Samoto, Yoshihiko; and Inada, Kenichi, 4,491,831, Cl. 340-677.000.

Inada, Masami; and Hashimoto, Kenji, to Aisin Seiki Kabushiki Kaisha. Solenoid actuated valve device. 4,501,298, 2-26-85, Cl. 137-625.480.

Inada, Masami; and Hashimoto, Kenji, to Aisin Seiki Kabushiki Kaisha. Solenoid actuated valve device. 4,512,546, 4-23-85, Cl. 251-65.000.

Inada, Nichimu. Portable massaging device. 4,505,267, 3-19-85, Cl. 128-49.000.

Inada, Tooru: *See—*
- Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.

Inada, Yorihiko: *See—*
- Chikugo, Kazuo; Murakami, Taku; and Inada, Yorihiko, 4,541,304, Cl. 74-579.00E.

Inaga, Hisashi; and Ohtagawa, Kozi, to Kioritz Corporation. Grass trimmer. 4,507,865, 4-2-85, Cl. 30-276.000.

Inagaki, Etsuo, to Daido Tokushuko Kabushiki Kaisha. Reduced iron melting method using electric arc furnace. 4,514,218, 4-30-85, Cl. 75-12.000.

Inagaki, Hajime: *See—*
- Sakashita, Takeshi; Inagaki, Hajime; Todo, Akira; and Nakano, Takayuki, 4,526,920, Cl. 524-850.000.

Inagaki, Hiromichi. Water-proof paper container and its manufacturing method. 4,551,123, 11-5-85, Cl. 493-108.000.

Inagaki, Hiroshi: *See—*
- Kito, Tutomu; Nakasuji, Norikazu; K[illegible]ka, Takashi; Inagaki, Hiroshi; and Shibahashi, Yutaka, 4,[illegible]56[illegible], Cl. 346-201.000.

Inagaki, Junichi: *See—*
- Andow, Fumio; and Inagaki, Junichi, [illegible]561,12[illegible], Cl. 455-612.000.

Inagaki, Kazuhiro: *See—*
- Okuda, Jun; Miwa, Ichitomo; Inagaki, Kazuhiro; Horie, Tokunaru; and Nakayama, Mitsuru, 4,532,254, Cl. 514-456.000.

Inagaki, Kenji: *See—*
- Tsuda, Nobuaki; Kominami, Naoya; Inagaki, Kenji; and Imamiya, Tamotsu, 4,518,497, Cl. 210-259.000.

Inagaki, Kouichi, to Mitsubishi Denki Kabushiki Kaisha. Method of producing a contact device for a switch. 4,530,815, 7-23-85, Cl. 419-8.000.

Inagaki, Kouichi: *See—*
- Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.
- Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.

Inagaki, Masaaki. Cosmetic puff. 4,509,540, 4-9-85, Cl. 132-79.00R.

Inagaki, Masanari: *See—*
- Nagata, Osamu; Inagaki, Masanari; and Yamada, Hajime, 4,532,877, Cl. 114-144.00E.

Inagaki, Masaomi: *See—*
- Teranishi, Hiroshi; Nakatsuyama, Takashi; and Inagaki, Masaomi, 4,549,233, Cl. 360-90.000.

Inagaki, Mitsukane: *See—*
- Nakayama, Shozo; Mukai, Takamitsu; Ohno, Makoto; and Inagaki, Mitsukane, 4,519,119, Cl. 29-156.50R.

Inagaki, Mitsuo; Ito, Seitoku; and Aoki, Hisashi, to Nippon Soken, Inc.; and Nippondenso Co., Ltd. Rotary compressor. 4,502,850, 3-5-85, Cl. 417-440.000.

Inagaki, Mitsuo; Ito, Seitoku; Takeda, Kenji; and Kurokawa, Yoshiki, to Nippon Soken, Inc.; and Nippondenso Co., Ltd. Compressor. 4,557,670, 12-10-85, Cl. 417-299.000.

Inagaki, Mitsuo: *See—*
- Mitsui, Takao; Sasaya, Hideaki; and Inagaki, Mitsuo, 4,527,964, Cl. 418-55.000.
- Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.

Inagaki, Naoki: *See—*
- Takashima, Susumu; Kanke, Takao; Inagaki, Naoki; and Fukushima, Kazumasa, 4,541,111, Cl. 381-51.000.

Inagaki, Natsuo: *See—*
- Kaneda, Hidehiko; Inagaki, Natsuo; and Yamaguchi, Hitoshi, 4,526,239, Cl. 173-73.000.

Inagaki, Nobuo: *See—*
- Edahiro, Takao; Inagaki, Nobuo; and Kurosaki, Shiro, 4,528,010, Cl. 65-18.100.
- Hara, Ryoichi; Kuroha, Toshiaki; and Inagaki, Nobuo, 4,552,576, Cl. 65-2.000.

Inagaki, Sadayuki: *See—*
- Okuno, Toshimitsu; Hori, Yutaka; Sunakawa, Makoto; and Inagaki, Sadayuki, 4,510,181, Cl. 427-142.000.

Inagaki, Sanji, to Minolta Camera Kabushiki Kaisha. Heat roller fixing device. 4,550,243, 10-29-85, Cl. 219-216.000.

Inagaki, Satoru: *See—*
- Asanuma, Tetsu; and Inagaki, Satoru, 4,538,052, Cl. 219-469.000.

Inagaki, Shigemi: *See—*
- Inaba, Hajimu; Sakakibara, Shinsuke; Inagaki, Shigemi; and Torii, Nobutoshi, 4,495,453, Cl. 318-568.000.
- Inaba, Hajimu; Nakashima, Seiichiro; Inagaki, Shigemi; and Ito, Susumu, 4,502,830, Cl. 414-735.000.
- Inaba, Hajimu; Inagaki, Shigemi; and Ito, Susumu, 4,538,639, Cl. 137-580.000.
- Nakashima, Seiichiro; Inaba, Hajimu; and Inagaki, Shigemi, 4,540,332, Cl. 414-744.00R.

Inagaki, Taizo; Ichikawa, Kentaro; Kido, Hitoshi; and Kawase, Yozo, to Tokyo Shibaura Denki Kabushiki Kaisha. Leakage water discharge method and apparatus in a reversible hydraulic machine. 4,514,138, 4-30-85, Cl. 415-1.000.

Inagaki, Takafumi; and Ueda, Masahiro, to Toyota Jidosha Kabushiki Kaisha. Automatic transmission control device for automobile. 4,531,432, 7-30-85, Cl. 74-866.000.

Inagaki, Takafumi: *See—*
- Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.

Inagaki, Takashi; Fujita, Yasumasa; and Izawa, Shinichiro, to Honda Giken Kogyo Kabushiki Kaisha. Valve driving apparatus for an internal combustion engine. 4,558,667, 12-17-85, Cl. 123-90.440.

Inagaki, Takefumi: *See—*
Igaki, Seigo; Nakakuki, Tadao; Inagaki, Takefumi; Oikawa, Shuetsu; and Fujimura, Takashi, 4,559,452, Cl. 250-560.000.
Inagaki, Takehiro: *See—*
Nakagawa, Takeo; Noguchi, Hiroyuki; Yanagisawa, Akira; Fuma, Toyoji; Tsuchida, Masanobu; Inagaki, Takehiro; and Hayashi, Yoshikazu, 4,531,705, Cl. 249-134.000.
Inagaki, Takeshi: *See—*
Kobayashi, Takashi; Inagaki, Takeshi; Takahashi, Hiroshi; and Ohisa, Takayuki, 4,494,843, Cl. 354-214.000.
Inagaki, Tetsuhiko, to Minolta Camera Kabushiki Kaisha. Focus adjusting mechanism for a camera. 4,549,799, 10-29-85, Cl. 354-400.000.
Inagaki, Yasuhiro: *See—*
Fukuju, Osamu; Inagaki, Yasuhiro; and Minoshima, Katsuji, 4,555,104, Cl. 271-228.000.
Inagaki, Yoshio: *See—*
Endo, Katsusuke; and Inagaki, Yoshio, 4,520,096, Cl. 430-233.000.
Sakai, Nobuo; Okazaki, Masaki; and Inagaki, Yoshio, 4,555,479, Cl. 430-372.000.
Inagami, Yasuhiro: *See—*
Nagashima, Shigeo; Torii, Shunichi; Omoda, Koichiro; and Inagami, Yasuhiro, 4,541,046, Cl. 364-200.000.
Omoda, Koichiro; Inagami, Yasuhiro; Torii, Shunichi; and Nagashima, Shigeo, 4,525,796, Cl. 364-730.000.
Inagawa, Jun: *See—*
Nagumo, Masahide; Inagawa, Jun; and Kojima, Tadashi, 4,498,175, Cl. 371-37.000.
Inagi, Toshio; Muramatsu, Toyojiro; and Nagai, Hidetaka, to Kowa Co., Ltd. Antiinflammatory analgesic gelled ointment. 4,525,347, 6-25-85, Cl. 424-81.000.
Inaguma, Hideo, to Yamauchi Rubber Industry Co., Ltd. Rubber roller for spinning. 4,530,866, 7-23-85, Cl. 428-36.000.
Inaguma, Yoshiharu: *See—*
Nakamura, Keiichi; Inaguma, Yoshiharu; and Mori, Yutaka, 4,496,288, Cl. 417-213.000.
Inai, Yuichi: *See—*
Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.
Inaike, Toshihiro; Ushimi, Katsuhiko; Yamamoto, Shuji; and Inoue, Toshihiro, to UBE Industries, Ltd. Process for producing aromatic imide polymer laminate material. 4,508,766, 4-2-85, Cl. 427-388.200.
Inaike, Toshihiro; Ushimi, Katsuhiko; and Inoue, Toshihiro, to UBE Industries, Ltd. Method for removal of curling of circuit printable flexible substrate. 4,528,833, 7-16-85, Cl. 72-166.000.
Inaike, Toshihiro; Yamamoto, Shuji; Ohe, Shunji; and Otsuka, Kazunori, to UBE Industries, Ltd. Wholly aromatic polyamic acid solution composition. 4,535,105, 8-13-85, Cl. 524-104.000.
Inakagata, Satoru: *See—*
Wada, Sumio; and Inakagata, Satoru, 4,551,666, Cl. 320-20.000.
Inami, Mamoru; Tanaka, Yoshiaki; and Ohtsuki, Zenju, to Victor Company of Japan, Ltd. Display device for displaying audio signal levels and characters. 4,492,917, 1-8-85, Cl. 324-77.00A.
Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, to Victor Company of Japan, Ltd. Musical note display device. 4,510,840, 4-16-85, Cl. 84-477.00R.
Inami, Mamoru; Ohtsuki, Zenju; Tanaka, Yoshiaki; Mori, Tomohiro; and Hasegawa, Akio, to Victor Company of Japan, Ltd. Automatic recording bias current setting apparatus. 4,553,179, 11-12-85, Cl. 360-66.000.
Inami, Mamoru: *See—*
Kitamura, Masatsugu; Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,504,870, Cl. 360-25.000.
Otsuki, Zenju; and Inami, Mamoru, 4,559,569, Cl. 360-65.000.
Tanaka, Yoshiaki; Inami, Mamoru; and Otsuki, Zenju, 4,546,690, Cl. 84-477.00R.
Inami, Yasuhiko: *See—*
Hamada, Hiroshi; Take, Hiroshi; Yano, Kozo; and Inami, Yasuhiko, 4,505,021, Cl. 29-570.000.
Inamori, Kazuo; and Gotoda, Katsuhiko, to Kyoto Ceramic Co., Ltd. Electrophotographic recording apparatus having both functions of copying and printing. 4,527,886, 7-9-85, Cl. 355-3.00R.
Inamori, Mikio: *See—*
Eguchi, Yasukata; Hanyu, Susumu; Takenoya, Hideaki; and Inamori, Mikio, 4,520,987, Cl. 248-635.000.
Eguchi, Yasukata; and Inamori, Mikio, 4,532,874, Cl. 112-235.000.
Takenoya, Hideaki; and Inamori, Mikio, 4,522,138, Cl. 112-266.100.
Inamoto, Tadayoshi: *See—*
Sugitani, Hiroshi; Inamoto, Tadayoshi; and Yokota, Masami, 4,509,063, Cl. 346-140.00R.
Yokota, Masami; Sugitani, Hiroshi; and Inamoto, Tadayoshi, 4,521,787, Cl. 346-140.00R.
Inamoto, Yoshiaki: *See—*
Takaishi, Naotake; Inamoto, Yoshiaki; Urata, Kouichi; Kawano, Junichi; and Tsutsumi, Hisao, 4,504,464, Cl. 424-63.000.
Takaishi, Naotake; Takahashi, Hitoshi; and Inamoto, Yoshiaki, 4,533,770, Cl. 568-817.000.
Urata, Koichi; Takaishi, Naotake; Inamoto, Yoshiaki; and Suzuki, Yuji, 4,543,258, Cl. 514-772.000.
Inamura, Akio, to Yoshida Kogyo K.K. Slide fastener stringer. 4,502,190, 3-5-85, Cl. 24-389.000.
Inamura, Akio, to Yoshida Kogyo K.K. Watertight slide fastener. 4,524,493, 6-25-85, Cl. 24-389.000.
Inamura, Takahiro: *See—*
Murakami, Toshiaki; Enomoto, Yoichi; and Inamura, Takahiro, 4,521,682, Cl. 250-211.00J.
Inamura, Toshio: *See—*
Shimojo, Hirokazu; and Inamura, Toshio, 4,506,650, Cl. 123-620.000.
Inanaga, Takugi: *See—*
Kamimura, Tetsuro; Komatsubara, Masahiro; Ando, Shizuo; and Inanaga, Takugi, 4,536,811, Cl. 360-96.600.
Komatsubara, Masahiro; Kamimura, Tetsuro; Inanaga, Takugi; and Takahashi, Akira, 4,527,756, Cl. 242-68.300.
Inaniwa, Masahiro; and Ogawa, Yoichi, to Hitachi Koki Co., Ltd. Battery charger. 4,528,492, 7-9-85, Cl. 320-36.000.
Inao, Hiroshi: *See—*
Yamamoto, Sakuei; Inao, Hiroshi; Nishida, Mitsuhiro; Matsushita, Matao; and Komoda, Hidemi, 4,532,446, Cl. 310-87.000.
Yamamoto, Sakuei; Nishida, Mitsuhiro; Inao, Hiroshi; Tashiro, Noboru; and Hani, Kiyoshi, 4,549,105, Cl. 310-87.000.
Inata, Hiroo: *See—*
Matsumura, Shunichi; and Inata, Hiroo, 4,517,315, Cl. 521-64.000.
Inatani, Toshihiro: *See—*
Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.
Inax Corporation: *See—*
Aoyama, Fumihiko; Murata, Kazushige; and Hayashi, Masahiro, 4,528,152, Cl. 264-87.000.
Maeda, Hisashi, 4,548,008, Cl. 52-392.000.
Ono, Nobuhiro; and Miwa, Eiji, 4,554,204, Cl. 428-246.000.
Inbe, Takashi: *See—*
Kusakawa, Yukio; Nakamura, Toshiaki; Ina, Yoshifumi; and Inbe, Takashi, 4,508,492, Cl. 417-366.000.
Incerti Baldi, Andrea: *See—*
Ruscitti, Tomaso; Albini, Giovanni; Torretta, Roberto; and Incerti Baldi, Andrea, 4,511,064, Cl. 222-153.000.
Inciong, Josefino T.: *See—*
Cardis, James C.; and Inciong, Josefino T., 4,535,996, Cl. 277-1.000.
Inco Alloys International, Inc.: *See—*
Hall, Dale E.; and Brown, Douglas S., 4,547,278, Cl. 204-290.00R.
Hall, Dale E., 4,555,413, Cl. 427-34.000.
Pickens, Joseph R., 4,532,106, Cl. 420-528.000.
Wang, Kathy K.; and Robinson, Mark L., 4,497,669, Cl. 148-11.50P.
INCO Europe Limited: *See—*
Shaw, Stuart W. K., 4,519,979, Cl. 420-448.000.
Inco Limited: *See—*
Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., 4,534,935, Cl. 419-23.000.
Bell, James A. E.; Conard, Bruce R.; and Hope, Douglas A., 4,505,060, Cl. 40-27.500.
Bell, James A. E.; Conard, Bruce R.; and Hope, Douglas A., 4,551,184, Cl. 148-127.000.
Borbely, Gyula J.; Devuyst, Eric A.; Ettel, Victor A.; Mosoiu, Marcel A.; and Schitka, Konstantin J., 4,537,686, Cl. 210-713.000.
Devuyst, Eric A.; and Ettel, Victor A., 4,514,372, Cl. 423-493.000.
Dymock, Kenneth R.; and Bell, Malcolm C. E., 4,502,941, Cl. 208-10.000.
O'Hanlon, Thomas A., 4,540,056, Cl. 175-393.000.
INCO Selective Surfaces, Inc.: *See—*
Jatkar, Arun D.; Varall, Alfred J., Jr.; and Schelleng, Robert D., 4,557,893, Cl. 419-12.000.
INCO Selective Surfaces Limited: *See—*
Mason, John J.; Cunningham, Michael T.; and Crosby, Jeffrey N., 4,518,467, Cl. 204-37.100.
Incom, Inc.: *See—*
Jeskey, Richard V., 4,533,210, Cl. 350-96.300.
Incom International, Inc.: *See—*
McCloskey, Albert R., 4,545,626, Cl. 308-6.00C.
Paynter, Alan H., 4,516,441, Cl. 74-501.00R.
Tracy, Wayne R., 4,501,351, Cl. 198-648.000.
Inconix Corporation: *See—*
Cassell, Douglas A., 4,517,637, Cl. 364-138.000.
Incorvia, Samuel A.: *See—*
Cullen, John S.; Incorvia, Samuel A.; and Vogt, James A., 4,505,727, Cl. 55-387.000.
Cullen, John S.; Incorvia, Samuel A.; and Vogt, James A., 4,548,322, Cl. 206-526.000.
Incosym, Inc.: *See—*
Craig, Robert J. G., 4,528,864, Cl. 74-5.340.
Inculet, Ion, to Ciba-Geigy AG. Aerial spraying apparatus. 4,560,107, 12-24-85, Cl. 239-3.000.
Inculet, Ion I.; and Hodgson, Kenneth J., to Canadian Patents & Development Limited. Cross-current airfoil electrostatic nozzle. 4,509,694, 4-9-85, Cl. 239-697.000.
Inculet, Ion I., to Blue Circle Industries PLC. Method and apparatus for separating particulate materials. 4,514,289, 4-30-85, Cl. 209-127.300.
Inculet, Ion I.; Norberg, Anna K. E.; and Hepher, Nicholas M., to Blue Circle Industries PLC. Method and apparatus for separating particulate materials. 4,517,078, 5-14-85, Cl. 209-127.300.
Inculet, Ion I.: *See—*
Plunkett, Robert T.; and Inculet, Ion I., 4,544,570, Cl. 427-27.000.
Indagraf S/A: *See—*
Navarrete, Juan A., 4,559,294, Cl. 430-306.000.
Indak Manufacturing Corp.: *See—*
Black, Charles E., III; and Halstead, Raymond T., 4,517,422, Cl. 200-50.00C.
Cobb, Albert R., III; and Black, Charles E., 4,543,454, Cl. 200-16.00A.

  - Raab, Andrew F.; and Cobb, Albert R., III, 4,539,446, Cl. 200-16.00R.
  - Raab, Andrew F.; and Cobb, Albert R., III, 4,556,764, Cl. 200-16.00C.
- Indalex, Division of Indal Limited: *See—*
  - Degen, Max F., 4,550,584, Cl. 72-273.000.
- Indata Corporation: *See—*
  - Jarva, Curt, 4,560,975, Cl. 340-347.0CC.
- Inden, Masahiro; and Kuwana, Kazutaka, to Aisin Seiki Kabushiki Kaisha. Solenoid valve. 4,515,345, 5-7-85, Cl. 251-141.000.
- Indesit Industrial Elettrodometici Italiana S.p.A.: *See—*
  - Alluto, Luigi; and Fancelli, Fabio, 4,530,217, Cl. 62-156.000.
- Index Supply Company, Inc.: *See—*
  - Reimer, Peter, 4,541,252, Cl. 62-344.000.
- Indian Explosives Ltd.: *See—*
  - Bhaduri, Sumit; Sharma, Krishna R.; and Kalpathi, Gopalkrishnan S., 4,491,670, Cl. 560-24.000.
- Indian Head Inc.: *See—*
  - Pate, Harold T.; and Fochler, Helmut P., 4,524,999, Cl. 285-158.000.
- Indian Industries, Inc.: *See—*
  - Nurney, David J., 4,515,142, Cl. 124-23.00R.
  - Smith, Max D., 4,546,754, Cl. 124-86.000.
- Indian Valley Company, Inc.: *See—*
  - Meek, Larry N., 4,502,212, Cl. 29-721.000.
- Indiana Brass, Inc.: *See—*
  - Arnold, Don C.; and Wilcox, Thomas J., 4,493,343, Cl. 137-625.170.
- Indiana University Foundation: *See—*
  - Hieftje, Gary M.; and Shabushnig, John, 4,492,322, Cl. 222-420.000.
  - Kesmodel, Lawrence L., 4,559,449, Cl. 250-305.000.
  - Kohler, Richard B.; and White, Arthur C., 4,514,509, Cl. 436-518.000.
  - Robinson, Ivan M., 4,503,206, Cl. 526-255.000.
- Indianapolis Center for Advanced Research, Inc. (ICFAR): *See—*
  - Eggleton, Reginald C.; and Fry, Francis J., 4,546,771, Cl. 128-660.000.
- Indicator Controls Corporation: *See—*
  - Martin, Marshal H., 4,492,899, Cl. 315-308.000.
  - Martin, Marshal H., 4,524,305, Cl. 315-221.000.
- Indikon Company, Inc., The: *See—*
  - Ginns, Haskell; and Finn, Albert E., 4,535,624, Cl. 73-119.00R.
- Indoor Activities Unlimited: *See—*
  - Girard, Thomas L.; and Lewis, Monty D., 4,522,396, Cl. 273-58.00K.
- Indra, Rudolf: *See—*
  - Linke, Walter; Kirnbauer, Peter; and Indra, Rudolf, 4,496,501, Cl. 264-37.000.
- Indrelunas, Stephen T.: *See—*
  - Haubert, Steven D.; and Indrelunas, Stephen T., 4,548,430, Cl. 285-256.000.
- Inductotherm Industries Inc.: *See—*
  - Boehm, Paul C.; Mortimer, John H.; Rowan, Henry M.; and Turner, Robert C., 4,506,131, Cl. 219-10.770.
- Industra Products, Inc.: *See—*
  - Walker, Robert G., 4,495,692, Cl. 29-564.100.
- Industria Italiana Petroli S.p.A.: *See—*
  - Quintavalle, Saverio; and Gargani, Luciano, 4,559,190, Cl. 264-45.300.
- Industria & Moda di A. Pesek: *See—*
  - Kokrhanek, Vladimiro, 4,542,691, Cl. 101-114.000.
- Industria Prefabbricati Affini I.P.A. S.p.A.: *See—*
  - Migliacci, Antonio; Bono, Giancarlo; and Tognoli, Piero, 4,526,739, Cl. 264-228.000.
- Industrial Automation Corp.: *See—*
  - Peyton, John J.; and Watt, Bryan K., 4,501,365, Cl. 209-548.000.
  - Peyton, John J.; and Watt, Bryan K., 4,509,081, Cl. 358-225.000.
  - Peyton, John J., 4,512,456, Cl. 198-479.000.
  - Peyton, John J.; and Watt, Bryan K., 4,546,247, Cl. 250-223.00B.
- Industrial de Valvulas, S.A. de C.V.: *See—*
  - Anaya, Jose R., 4,519,414, Cl. 137-246.220.
- Industrial Design Electronic Associates, Inc.: *See—*
  - DeVale, Donald P.; Brejcha, Robert J.; and Van Naarden, Robert W., 4,516,781, Cl. 273-373.000.
- Industrial Designs & Services: *See—*
  - Crane, Walton B., 4,496,053, Cl. 206-510.000.
- Industrial Electronic Rubber Company: *See—*
  - Murray, Myles N., 4,501,407, Cl. 251-141.000.
  - Murray, Myles N.; and Murphy, Joseph, 4,531,281, Cl. 29-570.000.
- Industrial Engraving and Manufacturing Corp.: *See—*
  - Townsend, Ellsworth D., 4,516,742, Cl. 242-64.000.
- Industrial Filter & Pump Mfg. Co.: *See—*
  - Schmidt, Henry, Jr.; Cederholm, Allen E.; and Zievers, James F., 4,526,688, Cl. 210-323.200.
- Industrial Management Co.: *See—*
  - Rooklyn, Jack, 4,525,398, Cl. 428-40.000.
- Industrial Parts Depot: *See—*
  - Rasmussen, Robert, 4,550,513, Cl. 37-141.00R.
- Industrial Refuse Sales, Inc.: *See—*
  - Adsit, Gordon H., 4,550,849, Cl. 220-71.000.
- Industrial Research Products, Inc.: *See—*
  - Carlson, Elmer V., 4,509,193, Cl. 381-113.000.
- Industrial Sheet Metal & Mechanical Corp.: *See—*
  - Fisher, Gary H.; and Padgett, H. Pat, 4,552,303, Cl. 236-44.00C.
- Industrial Technology Research Institute: *See—*
  - Chang, Ching-Te; Lee, Lian-Tze; and Su, Hsueh-Ling, 4,508,654, Cl. 260-429.00R.
- Industrial Woodworking Machine Co. Inc.: *See—*
  - Cromeens, Jeff Y., 4,510,835, Cl. 83-471.200.
- Industrias Penoles S.A. de C.V.: *See—*
  - Nielsen, Hans C. A.; and Schroeder, Roberto, 4,512,809, Cl. 106-103.000.
- Industrias Romi S/A: *See—*
  - Romi, Giordano, 4,545,271, Cl. 82-32.000.
  - Romi, Romeu, 4,495,843, Cl. 82-23.000.
  - Romi, Romeu, 4,545,757, Cl. 425-593.000.
- Industrias Villares S.A.: *See—*
  - Gerez, Jose C. C.; Gerez, Maria D. C. A.; and Miller, Joseph, 4,529,699, Cl. 435-165.000.
- Industrie Chemie Thoma GmbH & Co Produktions KG: *See—*
  - Thoma, Matthias, 4,535,185, Cl. 564-242.000.
- Industrie Metaimeccaniche Perugia I.M.P. S.p.A.: *See—*
  - Ferruzzi, Claudio, 4,545,709, Cl. 409-83.000.
- Industrie Pirelli S.p.A.: *See—*
  - Tangorra, Giorgio, 4,543,080, Cl. 474-204.000.
  - Tangorra, Giorgio; Robecchi, Edoardo; and Magnabosco, Lino, 4,547,175, Cl. 464-56.000.
  - Tangorra, Giorgio; Cicognani, Mario; and Macchiarulo, Vincenzo, 4,553,952, Cl. 474-153.000.
- Industrie Specializzate Articoli Plastici SpA: *See—*
  - Padovani, Pietro, 4,553,692, Cl. 229-2.5EC.
- Industrie Vernici Italiane S.p.A.: *See—*
  - Biorcio, Luciano; and Mensi, Carlo, 4,526,912, Cl. 523-456.000.
- Industrie Zanussi S.p.A.: *See—*
  - Besson, Duilio; De Marco, Claudio; Peruzzo, Roberto; and Ardit, Giuseppe, 4,535,599, Cl. 62-154.000.
  - Bianchi, Giuseppe, 4,493,760, Cl. 204-278.000.
  - Bianchi, Guiseppe, 4,496,452, Cl. 204-266.000.
  - Durazzani, Piero, 4,538,433, Cl. 68-140.000.
- Industries P. H. L., Inc.: *See—*
  - Hamel, Gerald, 4,505,176, Cl. 83-808.000.
- Industries Tanguay Inc.: *See—*
  - Pelletier, Jean; Filion, Gilles; and Potvin, Clement, 4,540,032, Cl. 144-3.00D.
- Indy Lighting, Inc.: *See—*
  - Miles, Earl F., Jr., 4,518,896, Cl. 315-162.000.
- Infilco Degremont Inc.: *See—*
  - Piper, Louis H., 4,537,687, Cl. 210-793.000.
- Infinet Inc.: *See—*
  - Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,011, Cl. 364-200.000.
  - Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,013, Cl. 364-200.000.
- Info-Chem Inc.: *See—*
  - Witonsky, Robert J.; and Larsson, Raymond P., 4,521,376, Cl. 422-56.000.
- Information International, Inc.: *See—*
  - Waller, Robert W.; and Anschultz, Dean W., 4,547,812, Cl. 358-283.000.
- Infrared Industries, Inc.: *See—*
  - Baskins, Lowell L.; Keene, James M.; and Montfort, John G., 4,549,080, Cl. 250-343.000.
- Infrasonik AB: *See—*
  - Olsson, Mats A.; and Sandstrom, Roland, 4,517,915, Cl. 116-137.00R.
- Infusaid Corporation: *See—*
  - Prosl, Frank R.; and Sampson, Edward J., 4,496,343, Cl. 604-86.000.
  - Prosl, Frank R.; Skakoon, James G.; Carlozzi, Gerard S.; and Infusaid Corporation, 4,541,429, Cl. 604-249.000.
- Ing. C. Olivetti & C., S.p.A.: *See—*
  - Balbo, Edoardo, 4,528,578, Cl. 346-140.00R.
  - Barbero, Aquilino; and Realis Luc, Roberto, 4,503,442, Cl. 346-140.00R.
  - Boella, Marcello; and Rivera, Paolo, 4,496,835, Cl. 250-231.0SE.
  - Bovio, Michele; and Gillone, Walter, 4,493,038, Cl. 364-405.000.
  - Brescia, Riccardo; Buat, Mario; Dagna, Gian D.; and Scardovi, Alessandro, 4,502,054, Cl. 346-75.000.
  - Brescia, Riccardo, 4,528,579, Cl. 346-140.00R.
  - Brescia, Riccardo; Manini, Enrico; Balbo, Edoardo; and Scardovi, Alessandro, 4,546,361, Cl. 346-140.00R.
  - Carena, Ugo; and Rivera, Paolo, 4,536,650, Cl. 250-231.0SE.
  - Chelin, Cesare; and Ceradelli, Vittorio, 4,554,590, Cl. 358-248.000.
  - Ciampi, Paolo; and Becchi, Raffaele, 4,504,158, Cl. 400-144.200.
  - Ciardiello, Giovanni; and Augusti, Ferdinando, 4,554,594, Cl. 358-283.000.
  - Costa, Armando; and Morbin, Federico, 4,510,345, Cl. 174-35.00R.
  - Cremasco, Venanzio M., 4,529,327, Cl. 400-697.100.
  - Crosio, Pasquale, 4,553,868, Cl. 400-356.000.
  - Dagna, Gian D.; and Buat, Mario, 4,503,443, Cl. 346-140.00R.
  - Demonte, Filippo; and Figini, Mario, 4,553,866, Cl. 400-144.200.
  - Demonte, Flippo; and Figini, Mario, 4,500,216, Cl. 400-8.000.
  - Falconieri, Remo, 4,498,792, Cl. 400-214.000.
  - Figini, Mario, 4,497,589, Cl. 400-706.000.
  - Fogaroli, Giuseppe; and Coli, Giuseppe, 4,549,222, Cl. 358-296.000.
  - Gastaldo, Giancarlo, 4,518,730, Cl. 524-114.000.
  - Knirsch, Franco; Gianolini, Giovanni; Dagna, Gian D.; and Buat, Mario, 4,536,776, Cl. 346-140.00R.
  - Prato, Francesco, 4,510,491, Cl. 340-792.000.
  - Rattin, Luciano; and Vigliermo, Amerigo, 4,494,866, Cl. 355-57.000.

  - Scardovi, Alessandro, 4,498,089, Cl. 346-140.00R.
  - Valle, Franco; and Musso, Pietro, 4,531,850, Cl. 400-551.000.
- Ing. Erich Pfeiffer GmbH & Co. KG, Firma: *See—*
  - Graf, Lothar, 4,532,967, Cl. 141-3.000.
- Ing. Gunter Knapp Ges. mbH & Co. KG: *See—*
  - Knapp, Gunter, 4,501,528, Cl. 414-273.000.
  - Knapp, Gunter, 4,518,302, Cl. 414-273.000.
- Ing. h.c.F. Porsche AG: *See—*
  - Kessler, Jochem; and Heinrich, Bernd, 4,543,933, Cl. 123-361.000.
- Ing. Luigi Conti Vecchi S.p.A.: *See—*
  - Cozza, Giorgio; and Piccolo, Luigi, 4,533,360, Cl. 23-298.000.
- Ing. Rudolf Hell GmbH: *See—*
  - Beisswenger, Siegfried; and Boppel, Wolfgang, 4,546,232, Cl. 219-121.0EJ.
- Ing-Simmons, Nicholas K. D.: *See—*
  - Vincent, Geoffrey P. F.; Ing-Simmons, Nicholas K. D.; McGrath, John; and Conrad, Marvin C., 4,562,535, Cl. 364-200.000.
- Ingalls, Marjorie D.; and Ingalls, Richard D. Method for reproducing one or more target colors on photographic paper or the like. 4,522,491, 6-11-85, Cl. 355-77.000.
- Ingalls, Richard D.: *See—*
  - Ingalls, Marjorie D.; and Ingalls, Richard D., 4,522,491, Cl. 355-77.000.
- Ingalls, Robert, to Gentex Corporation. Local external communication system. 4,508,936, 4-2-85, Cl. 179-82.000.
- Ingalls, Robert A., to Dunham-Bush, Inc. Screw rotor machine with specific tooth profile. 4,527,967, 7-9-85, Cl. 418-150.000.
- Ingeborg Niess Elektromedizinische Apparate: *See—*
  - Hoffmann, Heiner, 4,556,065, Cl. 128-639.000.
- Ingebrigtsen, Janis: *See—*
  - Seeney, Charles E.; Kraemer, John F.; and Ingebrigtsen, Janis, 4,522,799, Cl. 423-306.000.
- Ingelmann, Hans-Joachim; and Kampf, Hans, to Suddeutsche Kuhlerfabrik Julius Fr. Behr GmbH & Co. KG. Evaporating apparatus. 4,543,802, 10-1-85, Cl. 62-525.000.
- Ingelmann, Hans-Joachim: *See—*
  - Hummel, Karl-Ernst; Humpolik, Bohumil; Ingelmann, Hans-Joachim; and Staffa, Karl-Heinz, 4,524,823, Cl. 165-174.000.
- Ingemann, Ole, to A/S Haustrup Plastic. Container and sealed closure means. 4,529,100, 7-16-85, Cl. 220-359.000.
- Ingemanssons Ingenjorsbyra AB: *See—*
  - Einarsson, Stefan, 4,528,775, Cl. 49-306.000.
- Ingenbleek, Yves; Traitler, Helmut; and Wessely, Jean-Yves, to Nestec S.A. Lipid composition for oral, enteral or parenteral nutrition. 4,526,793, 7-2-85, Cl. 426-72.000.
- Ingenieria del Calzado, S.A. (I.C.A.S.A.): *See—*
  - Orea Mateo, Fernando, 4,523,345, Cl. 12-133.00R.
- Ingenieurburo Dipl.-Ing. Hermann Kunst: *See—*
  - Kunst, Hermann, 4,502,062, Cl. 346-155.000.
- Ingenieurburo, Hermann Dietrich: *See—*
  - Dietrich, Hermann, 4,553,295, Cl. 29-1.320.
- Ingenieurburo Imhof GmbH: *See—*
  - Imhof, Heinrich, 4,524,878, Cl. 220-224.000.
- Ingenieursbureau A. P. Van den Berg B.V.: *See—*
  - van den Berg, Arie P., 4,530,236, Cl. 73-84.000.
- Ingenior Thor Furuholmen A/S: *See—*
  - Bjor, Hakon E., 4,537,263, Cl. 173-1.000.
  - Bjor, Hakon E., 4,542,794, Cl. 173-1.000.
- Ingeniorfirmaet Lytzen KS: *See—*
  - Vestergaard, Alex D., 4,492,569, Cl. 432-72.000.
  - Vestergaard, Alex D., 4,498,678, Cl. 277-3.000.
- Ingeniorsfirma N.D.C. Netzler & Dahlgren Co Aktiebolag: *See—*
  - Nilsson, Arne H. A., 4,524,931, Cl. 246-167.00D.
- Ingenjorsfirma G. Knutsson AB: *See—*
  - Knutsson, Lars G., 4,544,824, Cl. 219-121.0LG.
- Ingenjorsfirman Alf Andersson Handelsbolag: *See—*
  - Andersson, Alf H., 4,530,462, Cl. 239-7.000.
- Inger, Siegfried, to Palitex Project-Company GmbH. Stop motion for textile machines. 4,494,370, 1-22-85, Cl. 57-81.000.
- Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., to Century International Corp. Combination bowling lane stripper and duster. 4,510,642, 4-16-85, Cl. 15-231.000.
- Ingersoll, Brian: *See—*
  - Aldrich, Warren S.; and Ingersoll, Brian, 4,534,858, Cl. 209-236.000.
- Ingersoll Cutting Tool Company, The: *See—*
  - Smith, Darrel E., 4,531,863, Cl. 407-113.000.
- Ingersoll Equipment Co., Inc.: *See—*
  - Gault, Roger T., 4,523,489, Cl. 74-474.000.
  - Gault, Roger T., 4,535,647, Cl. 74-543.000.
  - Klug, Alan G., 4,502,344, Cl. 74-194.000.
  - Manteufel, Dale A., 4,558,881, Cl. 280-460.00A.
- Ingersoll Milling Machine Company, The: *See—*
  - Charles, Paul A. S., 4,508,584, Cl. 156-353.000.
- Ingersoll Products Corp.: *See—*
  - Szucs, Robert J.; and McNicholas, Sandra M., 4,538,688, Cl. 172-555.000.
- Ingersoll-Rand Company: *See—*
  - Arya, Satya P., 4,530,409, Cl. 173-131.000.
  - Aumick, James M., 4,521,949, Cl. 29-446.000.
  - Bennitt, Robert A., 4,495,964, Cl. 137-512.100.
  - Bowman, James L., 4,508,496, Cl. 418-201.000.
  - Buse, Frederic W., 4,545,585, Cl. 277-22.000.
  - Chulada, Edmund C.; and Nelson, David A., 4,516,302, Cl. 29-156.80R.
  - Fenemore, Keith E.; Foden, George P.; and Baker, Christopher J., 4,501,973, Cl. 290-1.00A.
  - Hakes, Gary A., 4,554,984, Cl. 175-170.000.
  - Hargenrader, Richard J.; and Miller, James A., 4,503,917, Cl. 173-147.000.
  - Hartshorn, Kevin, 4,531,541, Cl. 137-514.000.
  - Hartshorn, Kevin; and McGahan, Wallace A., 4,532,959, Cl. 137-516.130.
  - Hughes, Robert W.; and Cantrel, James F., 4,505,343, Cl. 175-409.000.
  - Hughes, Robert W.; and Cantrel, James F., 4,551,050, Cl. 411-436.000.
  - Kurt, Ewald H., 4,512,417, Cl. 173-77.000.
  - La Bonte, David E.; Richter, Kurt W.; and Goehler, Robert F., 4,550,622, Cl. 74-87.000.
  - Luthi, Oscar, 4,515,693, Cl. 210-402.000.
  - Markley, George L., 4,527,965, Cl. 418-88.000.
  - Markley, George L., 4,531,543, Cl. 137-515.700.
  - Murphy, Bernard J., 4,505,349, Cl. 180-136.000.
  - Parker, Charles A., 4,526,523, Cl. 418-84.000.
  - VanLoon, Donald F.; and Miller, Bernard F., 4,556,223, Cl. 277-118.000.
  - Zingl, Hans, 4,539,893, Cl. 92-52.000.
- Ingham, Gary G. Workpiece saw cutoff length measuring device. 4,557,170, 12-10-85, Cl. 83-468.000.
- Ingham, Paul: *See—*
  - Greaves, Brian; and Ingham, Paul, 4,559,156, Cl. 252-82.000.
- Ingle, Arthur J.: *See—*
  - Garewal, Khem K. S.; and Ingle, Arthur J., 4,529,910, Cl. 315-15.000.
- Ingle, William M.; Peffley, Marilyn S.; and Setty, H. S. Nagaraja, to Motorola, Inc. Trichlorosilane production process. 4,526,769, 7-2-85, Cl. 423-342.000.
- Ingles, Wesley L. Attachable basket for invalid support equipment. 4,491,257, 1-1-85, Cl. 224-42.45R.
- Inglett & Company, Inc.: *See—*
  - Inglett, Wilfred L., Jr.; Ashley, Walter M., Jr.; and Manfredonia, Abe J., 4,537,015, Cl. 53-386.000.
- Inglett, Wilfred L., Jr.; Ashley, Walter M., Jr.; and Manfredonia, Abe J., to Inglett & Company, Inc. Bag placer for a packaging machine. 4,537,015, 8-27-85, Cl. 53-386.000.
- Inglis, Douglas R. Battery jump cable system. 4,560,230, 12-24-85, Cl. 339-224.000.
- Inglis, Hal L.: *See—*
  - Smith, Robert P.; Gillespie, William S.; Inglis, Hal L.; and Hoyne, Donald B., 4,547,645, Cl. 219-10.670.
- Ingman, Harlan V.: *See—*
  - Kirkland, Edmund R.; Palanuik, Elko; and Ingman, Harlan V., 4,495,724, Cl. 47-57.600.
- Ingold, Daniel L.; and Stewart, Robert L., to Appropriate Technology Corporation. Venting system for insulating window shade. 4,497,436. 2-5-85, Cl. 236-49.000.
- Ingold, Daniel L.: *See—*
  - Gardner, Bruce C.; Ingold, Daniel L.; and May, David A., 4,516,618, Cl. 160-120.000.
- Ingold, John H.: *See—*
  - Otto, Lee W.; Ingold, John H.; and Bergman, Rolf S., 4,517,491, Cl. 313-579.000.
- Ingolia, Thomas D., to Eli Lilly and Company. DNA for directing transcription and expression of structural genes. 4,559,302, 12-17-85, Cl. 435-172.300.
- Ingraham, Glenn J.: *See—*
  - Darrow, Russell E.; Ingraham, Glenn J.; Larnerd, John D.; and Nesky, Robert W., 4,550,493, Cl. 29-739.000.
- Ingraham, John T.; and Mortimer, Gary A. Bird exerciser and amusement toy device. 4,542,714, 9-24-85, Cl. 119-29.000.
- Ingram, Alvin R., to Atlantic Richfield Company. Impregnation suspension system for expandable styrene/maleic anhydride particles. 4,547,527, 10-15-85, Cl. 521-60.000.
- Ingram, Brian; and England, Michael J., to Lucas Industries Public Limited Company. Actuator for an internal shoe drum brake. 4,535,875, 8-20-85, Cl. 188-106.00F.
- Ingram, Gary L., to Spencer Wright Industries, Inc. Tufting machines. 4,499,835, 2-19-85, Cl. 112-79.00R.
- Ingram, Gary L., to Spencer Wright Industries, Inc. Tufting machines. 4,515,096, 5-7-85, Cl. 112-79.00R.
- Ingram, Gary L., to Spencer Wright Industries, Inc. Tufting machines. 4,545,312, 10-8-85, Cl. 112-256.000.
- Ingram, Gary L.; and Slattery, Ian, to Spencer Wright Industries, Inc. Method and apparatus for tufting patterned fabric. 4,557,208, 12-10-85, Cl. 112-266.200.
- Ingram, Gray L., to Spencer Wright Industries, Inc. Tufting machine hook and knife mounting apparatus. 4,491,078, 1-1-85, Cl. 112-79.00R.
- Ingram, James L., to Car Fresh Manufacturing Company, Inc. Coin operated fragrance dispenser. 4,527,713, 7-9-85, Cl. 222-2.000.
- Ingram, John D.; and Macknight, Eileen E., to Schlumberger Technology Corporation. Compressional and shear velocity logging method apparatus. 4,562,556, 12-31-85, Cl. 367-26.000.
- Ingram, Wayne A.; Johnson, Stephen L.; and Coleman, Thomas E., to Siemens-Allis, Inc. Electric panel board having an improved extruded base pan configuration. 4,536,823, 8-20-85, Cl. 361-355.000.
- Ingram, Wayne A.: *See—*
  - Luke, Roger D.; Ingram, Wayne A.; and Jarrell, Michael S., 4,492,396, Cl. 292-228.000.
- Ingre, Lars: *See—*
  - Forsberg, Gunnar; and Ingre, Lars, 4,521,920, Cl. 455-619.000.

- Ingre, Lars P., to Telefonaktiebolaget LM Ericsson. Method of manufacturing a structure with a fixed and a movable part provided with optical fibres. 4,550,483, 11-5-85, Cl. 29-416.000.
- Ingvarsson, Kristjan: *See—*
  - Bachmann, Einar H.; and Ingvarsson, Kristjan, 4,491,927, Cl. 364-561.000.
- Ingvason, Sigurdur. Hull construction for seagoing vessels. 4,550,673, 11-5-85, Cl. 114-56.000.
- Ingwall, Richard T.: *See—*
  - Fielding, Herbert L.; and Ingwall, Richard T., 4,535,041, Cl. 430-1.000.
- Inhofer, John D.: *See—*
  - Speers, Leonard E.; Inhofer, John D.; and Redenbarger, Philip D., 4,522,160, Cl. 123-41.490.
- Iniesta, Jorge P.: *See—*
  - Ribalta, Jose Miguel B.; Bruseghini, Leonida; Casadio, Silvano; and Iniesta, Jorge P., 4,495,199, Cl. 514-467.000.
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  - Rosseels, Gilbert; and Inion, Henri, 4,520,026, Cl. 514-299.000.
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  - Prosenbauer, Otto, 4,520,718, Cl. 99-535.000.
  - Prosenbauer, Otto, 4,535,504, Cl. 17-1.00G.
  - Prosenbauer, Otto, 4,538,324, Cl. 17-1.00G.
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  - Caldero Ges, Jose M.; and Faba, Eusebio M., 4,515,806, Cl. 514-471.000.
- Inkrott, Janet L.: *See—*
  - Sherk, Fred T.; and Inkrott, Janet L., 4,501,885, Cl. 528-501.000.
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  - DuBroff, William; Kaegi, Dennis D.; Knoerzer, Jerome J.; and Spearin, Elliott Y., 4,528,069, Cl. 201-20.000.
  - Kim, Yong-Wu; Coduti, Phillip L.; Sok, Brian A.; and Carter, William A., 4,500,561, Cl. 427-25.000.
  - Nickola, Richard A.; and Agarwal, Shashi B., 4,517,229, Cl. 427-383.900.
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  - Patil, Ram S.; Johnson, Donald F.; and Quasney, John T., 4,513,033, Cl. 427-349.000.
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- Inman, Frank S., to Thiokol Corporation. Actuator for deploying flexible bodies. 4,525,999, 7-2-85, Cl. 60-407.000.
- Inman, James C.: *See—*
  - Holton, James A.; and Inman, James C., 4,526,086, Cl. 91-43.000.
- Inman, Roger, to Archant Limited. Knife sharpener. 4,550,632, 11-5-85, Cl. 76-86.000.
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  - Chisvette, Dominick; Lattimore, James; and Sova, Stanley G., 4,522,654, Cl. 106-288.00Q.
  - Cowles, Richard A., 4,539,360, Cl. 524-441.000.
  - Panush, Sol, 4,499,143, Cl. 428-336.000.
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  - Thiebaut, Bernard A., 4,548,645, Cl. 106-2.000.
- Inmos Corporation: *See—*
  - Bourassa, Ronald R.; and Butler, Douglas B., 4,560,419, Cl. 148-1.500.
  - Hardee, Kim C.; and Sud, Rahul, 4,494,221, Cl. 365-203.000.
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- Innes, Margaret N. Method of treating migraine headaches. 4,532,244, 7-30-85, Cl. 514-291.000.
- Innes, Robert A.; and Swift, Harold E., to Gulf Research & Development Company. Fluidized bed process for producing acrylonitrile and catalytic mixture containing antimony oxide-silica composite used therein. 4,545,943, 10-8-85, Cl. 260-465.300.
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  - Ducharme, Marcel, 4,552,766, Cl. 426-294.000.
- Innocent, David B., to Lucas Industries Public Limited Company. Boot assembly. 4,506,768, 3-26-85, Cl. 188-370.000.
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  - Buzzi, Fabio; and Riganti, Emilio, 4,555,835, Cl. 29-156.80R.
  - Riganti, Innocente, 4,533,785, Cl. 174-42.000.
- Innova AB: *See—*
  - Andersson, Leif, 4,557,265, Cl. 128-340.000.
- Innovations Foundation of the University of Toronto, The: *See—*
  - Zukotynski, Stefan, 4,508,932, Cl. 136-258.000.
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  - Long, Jerry M.; and Womack, James A., 4,498,583, Cl. 206-444.000.
  - Long, Jerry M.; and Womack, James A., 4,508,217, Cl. 206-45.180.
  - Long, Jerry M.; and Womack, James A., 4,544,213, Cl. 312-183.000.
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  - Goode, Richard L., 4,556,122, Cl. 181-136.000.
- Innovative Research and Development Co.: *See—*
  - Boyanton, Walter L., 4,492,364, Cl. 256-47.000.
- Innovative Surgical Products, Inc.: *See—*
  - Talcott, Thomas D., 4,537,943, Cl. 528-15.000.
  - Wright, George M., 4,542,542, Cl. 623-6.000.
- Innovex Oy: *See—*
  - Latvus, Vaino P., 4,524,283, Cl. 290-1.00E.
- Innovus: *See—*
  - Renken, Wayne G.; and LeMay, Dan B., 4,542,650, Cl. 73-204.000.
- Innse Innocenti Santeustacchio S.p.A.: *See—*
  - Adorni, Franco, 4,506,814, Cl. 222-591.000.
  - Dal Pan, Giacinto; and Morali, Giorgio, 4,491,170, Cl. 164-426.000.
  - Dal Pan, Giacinto; and Gnecchi, Edgardo, 4,503,698, Cl. 72-209.000.
  - Silvestri, Oreste, 4,536,124, Cl. 414-744.00R.
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- Ino, Takashi: *See—*
  - Shioiri, Tomonori; and Ino, Takashi, 4,515,902, Cl. 502-64.000.
  - Shioiri, Tomonori; and Ino, Takashi, 4,556,478, Cl. 208-120.000.
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  - Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, 4,523,225, Cl. 358-56.000.
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- Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, to Tokyo Land Corporation; Nippon Light Metal Company; and Shin Nikkei Company, Ltd. Roof ridge ventilation apparatus. 4,545,292, 10-8-85, Cl. 98-42.210.
- Inoki, Yoshihiro: *See—*
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- Inokuchi, Haruhisa; and Sakai, Takami, to Tokyo Shibaura Denki Kabushiki Kaisha. Control device for a converter. 4,494,179, 1-15-85, Cl. 363-35.000.
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- Inokuchi, Iwane: *See—*
  - Honma, Masahiro; and Inokuchi, Iwane, 4,526,145, Cl. 123-357.000.
- Inokuchi, Tomio: *See—*
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- Inokuchi, Toshiyuki, to Ricoh Company, Ltd. Optical fiber-guided scanning device. 4,549,784, 10-29-85, Cl. 350-96.270.
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- Inomata, Kenichi, to Diesel Kiki Co., Ltd. Variable delivery compressor. 4,505,122, 3-19-85, Cl. 62-133.000.
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Muroi, Akira; Sano, Masakatsu; Kamiya, Junichi; Okajima, Masao; and Inoue, Arifumi, 4,538,697, Cl. 180-68.400.
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Inoue, Haruo: *See—*
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Inoue, Hidenori: *See—*
Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.
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Fujimura, Gen; Sotoma, Koichi; Kunikyo, Hiroshi; Hata, Masahito; and Inoue, Hidesuke, 4,534,284, Cl. 99-498.000.
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Inoue, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Refrigeration apparatus. 4,545,215, 10-8-85, Cl. 62-216.000.
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Kasari, Akira; Ohira, Kazuhiko; and Inoue, Hiroshi, 4,530,958, Cl. 524-512.000.
Komatsu, Shigeru; and Inoue, Hiroshi, 4,516,147, Cl. 357-59.000.
Komeya, Katsutoshi; Tsuge, Akihiko; Inoue, Hiroshi; and Ohta, Hiroyasu, 4,539,298, Cl. 501-89.000.
Oda, Hidekuni; Minami, Syuji; Inoue, Hiroshi; Matsuda, Akira; and Yamamoto, Yohzoh, 4,510,303, Cl. 526-282.000.
Okamoto, Yoshio; Iwai, Kazumi; Inoue, Hiroshi; Kunugi, Yoshifumi; and Shinozaki, Tadashi, 4,546,795, Cl. 137-624.150.
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Endo, Isao; Nagamune, Teruyuki; and Inoue, Ichiro, 4,501,161, Cl. 73-863.240.
Nagamune, Teruyuki; Inoue, Ichiro; and Takematsu, Noburu, 4,561,779, Cl. 356-442.000.
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Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, 4,559,687, Cl. 29-157.00C.
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Inoue, Kiyoshi, 4,491,714, Cl. 219-69.00D.
Inoue, Kiyoshi, 4,495,038, Cl. 204-129.200.
Inoue, Kiyoshi, 4,496,436, Cl. 204-23.000.
Inoue, Kiyoshi, 4,503,309, Cl. 219-69.00M.
Inoue, Kiyoshi, 4,504,721, Cl. 219-69.00M.
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Inoue, Kiyoshi, 4,507,532, Cl. 219-69.00W.
Inoue, Kiyoshi, 4,507,533, Cl. 219-69.00P.
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Inoue, Kiyoshi, 4,561,214, Cl. 51-165.00R.
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Ohno, Akira; and Inoue, Kanji, 4,526,628, Cl. 148-12.00B.
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Matsumoto, Tadao; and Inoue, Kazuo, 4,552,724, Cl. 422-138.000.
Inoue, Kenichi: *See—*
Funahashi, Masaya; Inoue, Kenichi; and Mizushima, Kunio, 4,522,885, Cl. 428-422.000.
Inoue, Kenji: *See—*
Shinoda, Naoharu; Tatani, Atsushi; Inoue, Kenji; and Okino, Susumu, 4,539,190, Cl. 423-240.000.
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Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.
Inoue, Kimio; Hoyer, Gale G.; and Bates, Stanley I., to Dow Chemical Company, The. Process for separating isomeric mixtures. 4,514,574, 4-30-85, Cl. 564-424.000.
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Watanabe, Shoji; Inoue, Kimio; and Okitsu, Kiyoshi, 4,521,570, Cl. 525-415.000.
Inoue, Kiyoshi, to Inoue-Japax Research Incorporated. Method of and apparatus for electrical discharge machining using a gas dissolved water liquid. 4,491,714, 1-1-85, Cl. 219-69.00D.
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Inoue, Kotaro: *See—*
- Umegaki, Kikuo; and Inoue, Kotaro, 4,562,034, Cl. 376-172.000.

Inoue, Kunio: *See—*
- Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.

Inoue, Makoto; Irie, Hirofumi; Kobayashi, Youichi; and Kubota, Tetuo, to Nittetsu Steel Drum Co., Ltd. Metal containers and their manufacturing method and apparatus. 4,540,323, 9-10-85, Cl. 413-6.000.

Inoue, Mamoru; Hara, Shoji; Hasegawa, Morimichi; and Imanishi, Kiyokazu, to Matsushita Electric Industrial Co., Ltd. Positioning device. 4,552,045, 11-12-85, Cl. 82-21.00R.

Inoue, Masaharu: *See—*
- Kodama, Ikuo; Inoue, Masaharu; Shiraki, Masao; and Suzuki, Hajime, 4,538,650, Cl. 139-452.000.

Inoue, Masahide: *See—*
- Hidaka, Tsuneo; Inoue, Masahide; and Ogiso, Makoto, 4,511,336, Cl. 433-173.000.

Inoue, Masami: *See—*
- Seko, Yasutoshi; Yanagishima, Takayuki; and Inoue, Masami, 4,496,938, Cl. 340-576.000.
- Seko, Yasutoshi; Inoue, Masami; and Yanagishima, Takayuki, 4,509,040, Cl. 340-576.000.

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- Sasaki, Ichiro; Tsutsui, Yujiro; Inoue, Masaru; and Kase, Toru, 4,502,718, Cl. 292-336.300.

Inoue, Masuo: *See—*
- Terano, Minoru; Soga, Hirokazu; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,547,476, Cl. 502-127.000.
- Terano, Minoru; Kimura, Kouhei; Murai, Atsushi; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,562,173, Cl. 502-127.000.

Inoue, Michihiro; Matsuzawa, Akira; and Takemoto, Toyoki, to Matsushita Electric Industrial Co., Ltd. Analog-digital converter with linear characteristic restoration circuit. 4,496,935, 1-29-85, Cl. 340-347.0AD.

Inoue, Michihiro: *See—*
- Sadamatsu, Hideaki; Inoue, Michihiro; Kanda, Akihiro; and Matsuzawa, Akira, 4,536,950, Cl. 29-578.000.

Inoue, Michiya: *See—*
- Imazeki, Ryoji; and Inoue, Michiya, 4,517,663, Cl. 365-222.000.
- Komiya, Hidetsugu; Inoue, Michiya; and Saitoh, Yoshiyuki, 4,554,462, Cl. 307-140.000.

Inoue, Minoru, to Fujitsu Limited. Method of backside heating a semiconductor substrate in an evacuated chamber by directed microwaves for vacuum treating and heating a semiconductor substrate. 4,517,026, 5-14-85, Cl. 148-1.500.

Inoue, Mitsuru: *See—*
- Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, 4,522,082, Cl. 74-512.000.

Inoue MTP Kabushiki Kaisha: *See—*
- Kozuka, Masayoshi; Mizutani, Tomihiko; and Narita, Kohji, 4,548,845, Cl. 428-31.000.

Inoue, Naoyuki: *See—*
- Yasuda, Takashi; Inoue, Naoyuki; and Tanaka, Syouji, 4,534,180, Cl. 62-141.000.

Inoue, Nobuaki; Mifune, Hiroyuki; and Nakamura, Koki, to Fuji Photo Film Co., Ltd. Direct positive silver halide photographic materials. 4,539,291, 9-3-85, Cl. 430-597.000.

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- Fushiya, Fusao; Inoue, Nobuhiro; and Saito, Setsuo, 4,527,380, Cl. 56-12.800.
- Mouri, Hideto; and Inoue, Nobuhiro, 4,561,694, Cl. 297-379.000.

Inoue, Norikatsu, to Sony Corporation. Multilayer coil. 4,496,927, 1-29-85, Cl. 336-208.000.

Inoue, Norio: *See—*
- Miyamoto, Noriaki; and Inoue, Norio, 4,502,273, Cl. 57-414.000.

Inoue, Noriyuki; Okazaki, Masaki; Yamamuro, Kiyohiko; and Takei, Haruo, to Fuji Photo Film Co., Ltd. Silver halide photographic emulsion. 4,555,482, 11-26-85, Cl. 430-574.000.

Inoue, Noriyuki: *See—*
- Idota, Yoshio; and Inoue, Noriyuki, 4,514,488, Cl. 430-234.000.
- Maeda, Minoru; Iwasaki, Masayuki; Inoue, Noriyuki; and Totsuka, Mikio, 4,547,450, Cl. 430-202.000.
- Maeda, Minoru; Inoue, Noriyuki; and Totsuka, Mikio, 4,560,637, Cl. 430-202.000.
- Matsuzawa, Kiyoshi; and Inoue, Noriyuki, 4,514,080, Cl. 355-14.00C.

Inoue, Ryusaburo: *See—*
- Hamai, Kyugo; Nakagawa, Yasuhiko; Nakai, Meroji; and Inoue, Ryusaburo, 4,497,306, Cl. 123-620.000.
- Hamai, Kyugo; Nakai, Meroji; Inoue, Ryusaburo; and Nakagawa, Yasuhiko, 4,502,454, Cl. 123-597.000.

Inoue, Satoru; Uchida, Mitsuru; Yamaguchi, Kimitoshi; Aoki, Mitsuo; Tomita, Masami; and Uematsu, Chiaki, to Ricoh Company, Ltd. Two-component dry-type developer. 4,562,136, 12-31-85, Cl. 430-107.000.

Inoue, Satoru: *See—*
- Ohsumi, Tadashi; Inoue, Satoru; and Maeda, Kiyoto, 4,511,581, Cl. 514-617.000.

Inoue, Seiji; and Harada, Norimichi, to Yamaha Hatsudoki Kabushiki Kaisha. Tilt-up angle sensing system for inboard-outboard drives. 4,493,656, 1-15-85, Cl. 440-2.000.

Inoue, Setsuo: *See—*
- Nishi, Yasutaka; Hamada, Masao; Ishikawa, Yoshihide; and Inoue, Setsuo, 4,544,608, Cl. 428-498.000.

Inoue, Setsuro; Nikaido, Koichi; and Nakagome, Makoto, to Yamato Chemical Industry Co. Ltd. Synthetic leather for motorcars having a ground fabric knitted by a plurality of strokes. 4,510,192, 4-9-85, Cl. 428-151.000.

Inoue, Shigeki: *See—*

Iso, Yoshimi; Inoue, Shigeki; Noda, Tsutomu; and Ohashi, Shinichi, 4,539,665, Cl. 369-44.000.

Kimura, Hiroyuki; Iso, Yoshimi; Inoue, Shigeki; Takeuchi, Takashi; and Ohashi, Shin-ichi, 4,532,561, Cl. 360-73.000.

Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, 4,562,549, Cl. 364-486.000.

Inoue, Shigeo: *See—*

Nakai, Ryozo; Inoue, Shigeo; and Arai, Sumio, 4,510,074, Cl. 252-400.00R.

Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, to Toyo Engineering Corporation. Process for synthesizing urea. 4,504,679, 3-12-85, Cl. 564-67.000.

Inoue, Shigeyasu; and Yamamoto, Hiroyoshi, to United Kingdom Atomic Energy Authority. Aqueous ink compositions for ball-point pens. 4,545,818, 10-8-85, Cl. 106-22.000.

Inoue, Shingo; Iwata, Toshiharu; and Takasu, Yasuhito, to Nippondenso Co., Ltd. Ignition timing control for internal combustion engines. 4,517,944, 5-21-85, Cl. 123-425.000.

Inoue, Shingo: *See—*

Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, 4,519,362, Cl. 123-414.000.

Inoue, Shojiro: *See—*

Takata, Manabu; Inoue, Shojiro; and Mori, Keiichi, 4,492,336, Cl. 236-20.00A.

Inoue, Shuichi: *See—*

Yamamoto, Kazuhiko; Nejigaki, Kazumi; Yasumura, Takashi; Kawashima, Chikashi; and Inoue, Shuichi, 4,560,737, Cl. 527-72.000.

Inoue, Shunji: *See—*

Suzuki, Norimoto; and Inoue, Shunji, 4,499,126, Cl. 428-13.000.

Inoue, Shunsaku, to Alinco Incorporated. Ladder. 4,549,632, 10-29-85, Cl. 182-23.000.

Inoue, Sukejiro; Hasegawa, Tetsuo; and Nishikawa, Yoshihiro, to Canon Kabushiki Kaisha. Pressure fixable capsule toner. 4,517,273, 5-14-85, Cl. 430-111.000.

Inoue, Sukejiro; Fukumoto, Hiroshi; Sasakawa, Masumi; and Doi, Shinji, to Canon Kabushiki Kaisha. Heat fixing developer of capsule structure. 4,533,617, 8-6-85, Cl. 430-111.000.

Inoue, Sukejiro; Sasakawa, Masumi; Fukumoto, Hiroshi; and Doi, Shinji, to Canon Kabushiki Kaisha. Toner for development of electrostatic charges. 4,535,048, 8-13-85, Cl. 430-110.000.

Inoue, Sukejiro: *See—*

Fukumoto, Hiroshi; Inoue, Sukejiro; Sasakawa, Masumi; and Doi, Shinji, 4,533,614, Cl. 430-99.000.

Inoue, Sumio: *See—*

Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, 4,529,697, Cl. 435-110.000.

Inoue, Tadashi; and Tanaka, Tetsuro, to Asahi Kasei Kogyo Kabushiki Kaisha. Method and apparatus for dehydration of water-containing substance by electro-osmosis. 4,549,947, 10-29-85, Cl. 204-182.400.

Inoue, Takaaki: *See—*

Sunagawa, Makoto; Matsumura, Haruki; Inoue, Takaaki; and Hirohashi, Toshiyuki, 4,536,334, Cl. 260-239.00A.

Inoue, Takahiro; Hirayama, Kazuhiro; and Tsukada, Masaharu, to Canon Kabushiki Kaisha. Image information recording apparatus. 4,528,580, 7-9-85, Cl. 346-160.000.

Inoue, Takahiro: *See—*

Aoki, Takao; Inoue, Takahiro; Goto, Masahiro; and Takeda, Kenji, 4,494,856, Cl. 355-3.00R.

Inoue, Takao; Maeda, Yukio; and Uchida, Masami, to Matsushita Electric Industrial Co., Ltd. Method of manufacturing an optical recording/reproducing disc. 4,546,464, 10-8-85, Cl. 369-280.000.

Inoue, Takao: *See—*

Matsumura, Michio; Inoue, Takao; and Arai, Toshihiro, 4,510,031, Cl. 204-159.200.

Inoue, Takashi: *See—*

Fuchikami, Jun; Higashi, Hidehiro; Inoue, Takashi; and Oba, Hiroyuki, 4,500,645, Cl. 502-65.000.

Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, 4,508,443, Cl. 354-402.000.

Nate, Kazuo; Inoue, Takashi; and Yokono, Hitoshi, 4,504,646, Cl. 528-16.000.

Nate, Kazuo; Inoue, Takashi; Yokono, Hitoshi; Ishikawa, Mitsuo; and Kumada, Makoto, 4,544,729, Cl. 528-28.000.

Inoue, Takayuki: *See—*

Deguchi, Jichio; and Inoue, Takayuki, 4,558,094, Cl. 525-71.000.

Inoue, Takehisa; and Kinoshita, Kazuhisa, to Akebono Brake Industry Co., Ltd. Pad clip for disc brake. 4,506,767, [illegible]26-85, Cl. 188-73.380.

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Fujita, Eiichi; Nagao, Yoshimitsu; Ikeda, Takao; and Inoue, Takehisa, 4,495,355, Cl. 546-209.000.

Iwayama, Kazuyoshi; Kamano, Takao; Tada, Kuniyuki; and Inoue, Takehisa, 4,511,547, Cl. 423-329.000.

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Ono, Hiromi; and Inoue, Takemi, 4,541,808, Cl. 440-42.000.

Inoue, Takeo; and Shirazawa, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Method for producing insulated pipe joint. 4,519,970, 5-28-85, Cl. 264-261.000.

Inoue, Teruhiko: *See—*

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.

Nakai, Mamoru; Iwata, Fumio; and Inoue, Teruhiko, 4,514,571, Cl. 546-306.000.

Inoue, Tetsuhiko. Coating film having adhesiveness. 4,551,381, 11-5-85, Cl. 428-240.000.

Inoue, Tetsuo: *See—*

Kurihara, Masaru; Watanabe, Tetsuo; and Inoue, Tetsuo, 4,557,949, Cl. 427-244.000.

Inoue, Tetsuzo: *See—*

Kawabata, Susumu; Inoue, Tetsuzo; Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,510,745, Cl. 57-415.000.

Inoue, Tokuta: *See—*

Kanda, Mutsumi; Nakanishi, Kiyoshi; Inoue, Tokuta; and Nakajima, Mikio, 4,499,868, Cl. 123-188.00M.

Kanda, Mutsumi; Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,505,233, Cl. 123-41.350.

Kanda, Mutsumi; Inoue, Tokuta; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,506,632, Cl. 123-41.350.

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Okumura, Takeshi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,502,432, Cl. 123-188.00M.

Okumura, Takeshi; Nakanishi, Kiyoshi; Kanda, Mutsumi; Kotani, Takeshi; and Inoue, Tokuta, 4,503,819, Cl. 123-188.00M.

Inoue, Tomohiro: *See—*

Mizuta, Takemi; and Inoue, Tomohiro, 4,491,049, Cl. 84-1.010.

Inoue, Tomoko: *See—*

Tsutsumi, Hisao; Inoue, Tomoko; and Ishida, Atsuo, 4,504,409, Cl. 252-351.000.

Tsutsumi, Hisao; and Inoue, Tomoko, 4,510,070, Cl. 252-351.000.

Inoue, Tomoyasu; and Shibata, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing three-dimensional semiconductor device by sequential beam epitaxy. 4,498,226, 2-12-85, Cl. 29-576.00B.

Inoue, Toru: *See—*

Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.

Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.

Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.

Inoue, Toshihide; and Komatsu, Hideo, to Toray Industries, Inc. Process for preparing α,ω-bis(2-chlorophenoxy)alkane-4,4′-dicarboxylic acid or its lower alkyl ester. 4,531,009, 7-23-85, Cl. 560-65.000.

Inoue, Toshihide: *See—*

Abe, Koichi; Kawakami, Kenichi; Yoshii, Toshiya; and Inoue, Toshihide, 4,539,260, Cl. 428-336.000.

Inoue, Toshihiro: *See—*

Inaike, Toshihiro; Ushimi, Katsuhiko; Yamamoto, Shuji; and Inoue, Toshihiro, 4,508,766, Cl. 427-388.200.

Inaike, Toshihiro; Ushimi, Katsuhiko; and Inoue, Toshihiro, 4,528,833, Cl. 72-166.000.

Inoue, Toshio: *See—*

Kawabata, Juheiji; Inoue, Toshio; Sugie, Toshinori; and Kobata, Fumihiro, 4,507,468, Cl. 528-388.000.

Inoue, Toshitsugu; Nakada, Akiyoshi; Kaji, Haruo; Doi, Makoto; and Takezawa, Kuninori, to Matsushita Electric Industrial Co., Ltd. Handling apparatus. 4,522,555, 6-11-85, Cl. 414-733.000.

Inoue, Toshitugu: *See—*

Nakada, Akiyoshi; Inoue, Toshitugu; Tada, Haruo; Shinki, Kiyoshi; Takezawa, Kuninori; and Doi, Makoto, 4,552,504, Cl. 414-735.000.

Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, to Mitsui Toatsu Chemicals, Inc. 2-fluoroethoxy-substituted benzene derivatives. 4,552,894, 11-12-85, Cl. 514-464.000.

Inoue, Yasuo: *See—*

Kozima, Yasuyuki; Sato, Kunio; Tadauchi, Masaharu; Suehiro, Hiroshi; and Inoue, Yasuo, 4,543,644, Cl. 364-900.000.

Inoue, Yoichi; Matsumoto, Toshio; Niwa, Hirosuke; Suzuki, Kenichi; and Hoshide, Yasuo, to Nikken Chemicals Co., Ltd.; and Institute of Organic Synthesis Academy of Sciences Latvian SSR. 1,4-dihydropyridine compound. 4,495,356, 1-22-85, Cl. 546-268.000.

Inoue, Yoichi, to Kabushiki Kaisha Kobe Seiko Sho. Hot isostatic pressing apparatus. 4,509,729, 4-9-85, Cl. 266-252.000.

Inoue, Yoichi, to Kabushiki Kaisha Kobe Seiko Sho. Heater for hot isostatic pressing apparatus. 4,542,513, 9-17-85, Cl. 373-112.000.

Inoue, Yoichi: *See—*

Asari, Akira; Inoue, Yoichi; and Ishii, Takahiko, 4,491,302, Cl. 266-87.000.

Asari, Akira; Tsuzuki, Hidehiro; Inoue, Yoichi; and Tabuchi, Takahisa, 4,537,569, Cl. 425-405.00H.

- Inoue, Yoshiaki: *See—*
  - Takahashi, Hideyuki; Komatsu, Toshio; and Inoue, Yoshiaki, 4,524,015, Cl. 252-188.280.
- Inoue, Yoshiharu; Tanimoto, Fumio; and Kitano, Hisao, to Nippon Petrochemicals Company, Limited. Derivatives of norbornanes having hydrocarbon side chains and perfume compositions containing the same. 4,524,017, 6-18-85, Cl. 252-522.00R.
- Inoue, Yoshihiro: *See—*
  - Okada, Yoshiyuki; Inoue, Yoshihiro; and Iwanaga, Koichi, 4,531,005, Cl. 548-116.000.
- Inoue, Yoshihisa: *See—*
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.
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- Inoue, Yoshikazu: *See—*
  - Takaya, Takao; Inoue, Yoshikazu; Yasuda, Nobuyoshi; and Murata, Masayoshi, 4,493,834, Cl. 424-246.000.
  - Takaya, Takao; Inoue, Yoshikazu; Murata, Masayoshi; and Takasugi, Hisashi, 4,533,738, Cl. 548-194.000.
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- Inoue, Yoshio: *See—*
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- Inoue, Yozo: *See—*
  - Hara, Kiyoshi; Inoue, Yozo; and Noda, Munetaka, 4,506,752, Cl. 180-179.000.
  - Ito, Yoji; Inoue, Yozo; Hara, Kiyoshi; Muramoto, Kazuo; and Miura, Kunio, 4,514,810, Cl. 364-424.000.
- Inoue, Yukinobu. Directional control valve. 4,513,783, 4-30-85, Cl. 137-625.680.
- Inouye, Shigeharu: *See—*
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  - Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,583, Cl. 71-86.000.
  - Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,584, Cl. 71-86.000.
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  - Jones, Graham R., 4,504,169, Cl. 404-11.000.
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  - Kawamoto, Kiyoaki; Shukuri, Kastuhiro; Hashimoto, Takayoshi; Yamazaki, Yoshio; and Inowa, Shigeru, 4,530,596, Cl. 355-15.000.
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- Inresco, Inc.: *See—*
  - Martin, George L.; and Melick, Howard G., 4,495,480, Cl. 335-199.000.
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- Insouth Microsystems, Inc.: *See—*
  - Sulouff, Robert E.; Hartin, Sam S.; Cook, Koy B.; Kerns, David V., Jr.; Davidson, Jimmy L.; and Warren, Keith O., 4,522,072, Cl. 73-765.000.
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Deitesfeld, Rex R., 4,560,307, Cl. 406-63.000.
Intamin Inc.: *See—*
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Calvignac, Jean L.; and Castel, Rene R., 4,504,901, Cl. 364-200.000.
Cameron, Tucson, 4,530,021, Cl. 360-97.000.
Campbell, Jesse L.; Fennema, Alan A.; Henderson, Robert B.; Rance, William G., Jr.; Whittington, Paul H.; and Wightman, William O., Jr., 4,519,553, Cl. 242-56.00R.
Canestaro, Michael J.; Kaschak, Ronald A.; McBride, Donald G.; and Seraphim, Donald P., 4,554,184, Cl. 427-345.000.
Cardero, Silvio A., 4,506,305, Cl. 360-46.000.
Caron, Francois G., 4,550,399, Cl. 370-80.000.
Carsalade, Henri; Delaporte, Francois-Xavier; and Pantani, Jean-Pierre, 4,516,247, Cl. 375-56.000.
Carter, Donald L., 4,544,317, Cl. 414-217.000.
Carter, Eric L.; and Ward, Harold T., 4,555,769, Cl. 364-746.000.
Carter, John L.; Markowsky, George; and Wegman, Mark N., 4,538,240, Cl. 364-754.000.
Case, William R.; and Johnson, Wildey E., 4,555,767, Cl. 364-563.000.
Cases, Moises; Kraft, Wayne R.; Stahl, William L., Jr.; and Thoma, Nandor G., 4,500,800, Cl. 307-468.000.
Casey, Richard G.; and Friedman, Theodore D., 4,499,596, Cl. 382-37.000.
Castel, Rene; Dalboussiere, Gerard; and Kulakowski, Michel, 4,549,296, Cl. 371-16.000.
Cato, Robert T.; Dickson, LeRoy D.; and Stokes, Olen L., Jr., 4,548,463, Cl. 350-3.710.
Cavaliere, Joseph R.; and Liu, Peter T., 4,503,523, Cl. 365-210.000.
Cha, Charles W.; Hartman, John W.; Kiesling, David A.; and Scarpero, William J., Jr., 4,553,049, Cl. 307-443.000.
Chainer, Timothy J.; Scranton, Robert A.; and Worthington, Thomas K., 4,513,437, Cl. 382-3.000.
Chainer, Timothy J.; and Worthington, Thomas K., 4,553,258, Cl. 382-3.000.
Chainer, Timothy J.; Gundersen, Steven C.; and Worthington, Thomas K., 4,553,259, Cl. 382-3.000.
Chainer, Timothy J.; and Worthington, Thomas K., 4,562,592, Cl. 382-3.000.
Chakravarti, Satya N.; Garbarino, Paul L.; and Miller, Donald A., 4,542,340, Cl. 324-158.00R.
Chamberlain, Savvas G.; and Schlig, Eugene S., 4,513,431, Cl. 377-60.000.
Chan, Shiu K.; Gerardi, John A.; and McGilvray, Bruce L., 4,513,367, Cl. 364-200.000.
Chan, Yuen H.; Dickerson, James E.; Klara, Walter S.; Kwap, Theodore W.; and Mosley, Joseph M., 4,529,894, Cl. 307-454.000.
Chance, Dudley A.; and Sampogna, Michael, 4,539,576, Cl. 346-165.000.
Chance, Dudley A.; Reiley, Timothy C.; and Sampogna, Michael, 4,555,285, Cl. 156-89.000.
Chang, Chin-An; Chang, Leroy L.; Esaki, Leo; and Mendez, Emilio E., 4,538,165, Cl. 357-22.000.
Chang, Ifay F., 4,491,762, Cl. 313-392.000.
Chang, Ifay F., 4,500,955, Cl. 364-200.000.
Chang, Philip Y.; and McInroy, John W., 4,510,567, Cl. 364-300.000.
Chao, Hu H., 4,496,857, Cl. 307-475.000.
Chao, Hu H., 4,514,829, Cl. 365-189.000.
Chao, Vivian W.; Kaufman, Frank B.; Kramer, Steven R.; and Lin, Burn J., 4,543,319, Cl. 430-312.000.
Chappell, Barbara A.; and Schuster, Stanley E., 4,491,748, Cl. 307-449.000.
Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., 4,533,940, Cl. 358-44.000.
Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., 4,550,489, Cl. 29-571.000.
Chappell, Terry I.; and Woodall, Jerry M., 4,504,846, Cl. 357-12.000.
Chappell, Terry I.; Jackson, Thomas N.; and Woodall, Jerry M., 4,525,731, Cl. 357-12.000.
Chaudhari, Praveen; and Muller, Rene, 4,515,650, Cl. 156-622.000.
Chebiniak, Paul; Kaschak, Ronald A.; and Root, Lois J., 4,552,787, Cl. 427-304.000.
Chee-Shuen Lee, Francis; Mills, Ross N.; and Talke, Frank E., 4,499,479, Cl. 346-140.00R.
Chellis, Leroy N., 4,550,128, Cl. 523-433.000.
Chen, Chin-Long, 4,509,172, Cl. 371-38.000.
Chen, Lee; Khoury, Henri A.; and Seymour, Harlan R., 4,493,745, Cl. 156-626.000.
Chen, Lee; and Mathad, Gangadhara S., 4,511,430, Cl. 156-643.000.
Chen, Lee; Hendricks, Charles J.; Mathad, Gangadhara S.; and Poloncic, Stanley J., 4,534,816, Cl. 156-345.000.
Chesebro, Donald G.; and Soychak, Francis J., 4,519,128, Cl. 29-576.00W.
Chi, Cheng-Chung J.; Davidson, Arthur; and Tsuei, Chang-Chyi, 4,496,854, Cl. 307-306.000.
Christensen, Richard G.; and Moore, Robert L., 4,526,859, Cl. 430-314.000.
Christian, John H.; Hartung, Michael H.; Nolta, Arthur H.; Reed, David G.; Rieck, Richard E.; and William, John S., 4,533,995, Cl. 364-200.000.
Christopher, Robert J.; and Walker, Robert F., 4,516,266, Cl. 382-48.000.
Chu, Richard, 4,510,685, Cl. 29-837.000.
Chu, Wei-Kan; Pliskin, William A.; and Riseman, Jacob, 4,544,576, Cl. 427-82.000.
Church, Mark A.; and Decker, Stephen K., 4,504,880, Cl. 360-113.000.
Clark, Gary A.; Johnson, Frederick W.; and Queener, Carl A., 4,522,486, Cl. 355-14.0SH.
Clark, Gregory J.; Drake, Robert E.; and Raider, Stanley I., 4,490,901, Cl. 29-574.000.
Clecak, Nicholas J.; McKean, Dennis R.; Miller, Robert D.; Tompkins, Terry C.; and Willson, Carlton G., 4,522,911, Cl. 430-192.000.
Clemen, Rainer; and Haug, Werner, 4,494,018, Cl. 307-482.000.
Cochran, William H.; and Wu, Philip T., 4,525,810, Cl. 365-102.000.
Cole, Terence G.; and West, Roderick M., 4,549,118, Cl. 315-393.000.
Coleman, Edwin T., III, 4,528,431, Cl. 200-67.00A.
Conrad, Frederick L.; Palmer, Louis R.; and Roberts, Arthur A., 4,496,245, Cl. 366-143.000.
Convis, Danny B.; Grimm, Paul J.; and Reed, Martin A., 4,550,438, Cl. 382-56.000.
Convis, Danny B.; Crehan, Donald T.; and Lovell, Charles J., 4,555,700, Cl. 340-721.000.
Cook, Peter W.; Hsieh, Hung-Hui; and Miranker, Glen S., 4,504,924, Cl. 364-787.000.
Cormier, Roger L.; Dugan, Robert J.; Guyette, Richard R.; Hankison, Ronald L.; Hao, Ming C.; Levin, Arthur L.; McClain, George A.; Wanish, Paul J.; and Zeitler, Carl, Jr., 4,497,022, Cl. 364-200.000.
Coughlin, Charles P., 4,506,215, Cl. 324-158.00P.
Cranford, Hayden C., Jr.; and Garvin, Stacy J., 4,536,720, Cl. 331-57.000.
Cruz, Claude A.; and Vermeulen, Johannes C., 4,525,641, Cl. 307-465.000.
Cuan, Victor; McCaskill, Rex A.; Repass, James T.; and Shipp, Kenneth O., Jr., 4,503,515, Cl. 364-900.000.
Cunningham, Earl A.; and Palmer, Dean C., 4,516,165, Cl. 360-53.000.
Cunningham, George F., Jr.; Lewis, John W.; McClure, Robert B.; and Poindexter, Daniel J., 4,512,841, Cl. 156-345.000.
Cuomo, Jerome J.; Harper, James M. E.; Kaufman, Harold R.; and Speidell, James L., 4,523,971, Cl. 156-345.000.
Cuomo, Jerome J.; Harper, James M. E.; and Waters, Gary A., 4,538,067, Cl. 250-396.00R.
Cuomo, Jerome J.; and Kaufman, Harold R., 4,541,890, Cl. 156-345.000.
Curtis, Huntington W.; Dodge, Frederick A.; Francis, David B.; and Mizzi, John V., 4,509,530, Cl. 128-710.000.
Dahl, Richard E.; Faflak, Daniel P.; and Sendelbach, Lee A., 4,555,701, Cl. 340-736.000.
Daniels, Raymond A., 4,500,198, Cl. 355-14.00D.
Danielsen, Kenneth D.; and Winarski, Daniel J., 4,541,027, Cl. 360-137.000.

Darrow, Russell E.; Ingraham, Glenn J.; Larnerd, John D.; and Nesky, Robert W., 4,550,493, Cl. 29-739.000.
Darves-Bornoz, Yves; Melvin, George E.; Ryan, Michael G.; and Saylor, Dennis L., 4,513,613, Cl. 73-159.000.
DasGupta, Sumit; Graf, Matthew C.; Rasmussen, Robert A.; and Williams, Thomas W., 4,503,386, Cl. 324-73.00R.
DasGupta, Sumit; Graf, Matthew C.; Rasmussen, Robert A.; and Williams, Thomas W., 4,509,008, Cl. 324-73.00R.
Davis, James W.; and Jones, Frank D., 4,518,874, Cl. 307-467.000.
Davis, James W.; Leininger, Joel C.; Munoz-Bustamante, Carlos; and Robbins, Gordon J., 4,535,467, Cl. 377-81.000.
Davis, Michael I.; Garrett, Michael J.; and Wiseman, John A., 4,513,351, Cl. 361-384.000.
Day, Michael N.; and Miller, Claude D., 4,538,265, Cl. 371-12.000.
Dean, Mark E.; and Moeller, Dennis L., 4,528,626, Cl. 364-200.000.
DePalma, Vincent M.; and Ward, Albert W., 4,533,582, Cl. 428-64.000.
Desai, Kishor V.; and Keusseyan, Roupen L., 4,558,590, Cl. 73-104.000.
Dewey, Anthony G., 4,552,441, Cl. 353-31.000.
Dill, Frederick H.; Ling, Daniel T.; and Matick, Richard E., 4,541,075, Cl. 365-189.000.
Dillinger, Thomas E.; and Kueper, Terrance W., 4,553,047, Cl. 307-297.000.
Dillon, Gary E., 4,554,466, Cl. 307-272.00A.
Di Milia, Vincent; Maldonado, Juan R.; Speidell, James L.; and Warlaumont, John M., 4,551,192, Cl. 156-345.000.
Di Stefano, Thomas H.; and Halperin, Arnold, 4,496,900, Cl. 324-51.000.
Dix, Gary L.; Heim, Lloyd S.; Herald, Robert F.; and Quinlan, William P., 4,521,884, Cl. 371-15.000.
Dobberstein, Edward A., 4,549,130, Cl. 323-308.000.
Dodge, John H.; Eichhorn, Thomas F.; and Stevenson, Peter A., 4,502,778, Cl. 355-14.00E.
Dollenmayer, William L., 4,557,192, Cl. 101-93.480.
Dorler, Jack A.; Mosley, Joseph M.; and Weitzel, Stephen D., 4,508,981, Cl. 307-542.000.
Dove, Derek B.; Makowka, Claus D.; and Street, Ramon L., 4,557,616, Cl. 400-120.000.
Dowden, Barry F.; Barclay, Donald J.; and Kirkman, David H., 4,526,441, Cl. 350-357.000.
Draper, Wilburn D.; and Laakso, Melvin T., 4,495,564, Cl. 364-200.000.
Druschke, Frank; Kraus, Georg; Kuenzel, Ulrich; Ruh, Wolf D.; and Schaefer, Rolf, 4,557,796, Cl. 156-643.000.
Duke, Alan H.; Hartung, Michael H.; Marschner, Frederick J.; and Nolan, Kenneth P., 4,500,954, Cl. 364-200.000.
Dumke, William P.; and Woodall, Jerry M. P., 4,518,979, Cl. 357-30.000.
Duncan, William S., 4,560,956, Cl. 331-116.00R.
Dwire, Jerold D.; and Crehan, Donald T., 4,556,878, Cl. 340-724.000.
Eastman, Dean E.; Eldridge, Jerome M.; Petersen, Kurt E.; and Olive, Graham, 4,561,040, Cl. 361-385.000.
Ecker, Mario E.; and Olson, Leonard T., 4,549,200, Cl. 357-80.000.
Economy, James; and Zachariades, Anagnostis E., 4,499,122, Cl. 427-130.000.
Economy, James; and Flandera, Mary A., 4,515,828, Cl. 427-82.000.
Economy, James; and Zachariades, Anagnostis E., 4,520,647, Cl. 72-365.000.
Edgar, Albert D.; and Lubart, Neil D., 4,520,391, Cl. 358-133.000.
Edlund, Olof A.; Enser, Mats A.; Strage, Jan W.; Thunberg, Svante B.; and Wallmark, Erik I., 4,513,393, Cl. 364-900.000.
Eggebrecht, Lewis C.; Kummer, David A.; and Saenz, Jesus A., 4,495,594, Cl. 364-900.000.
Eichelberger, Edward B.; and Lindbloom, Eric, 4,546,473, Cl. 371-25.000.
Elander, Robert C.; Lennon, Richard E.; Matyas, Stephen M.; Meyer, Carl H. W.; Shuck, Robert E.; and Tuchman, Walter L., 4,500,750, Cl. 178-22.080.
Eldridge, Jerome M.; and Homola, Andrew M., 4,521,451, Cl. 427-130.000.
Ellis, Joseph J., Jr.; and Emerson, Geoffrey A., 4,562,450, Cl. 340-771.000.
Ellis, Wayne F.; Griffin, William R.; and Troutman, Ronald R., 4,542,310, Cl. 307-578.000.
Engel, Peter A.; Strope, Douglas H.; and Wray, Thomas E., 4,514,752, Cl. 357-72.000.
Engwall, Mats A.; and Mulvany, Richard B., 4,533,186, Cl. 308-5.00R.
Engwall, Mats A., 4,545,625, Cl. 308-5.00R.
Epenoy, Gabriel; and Kuhne, Roland, 4,558,455, Cl. 375-112.000.
Ertingshausen, Friedrich; Heinrich, Volker; Hinkel, Holger; Kaus, Gerhard; Kempf, Jurgen; Nauth, Hans-Georg; and Schrader, Manfred, 4,549,238, Cl. 360-103.000.
Evans, Julie F.; Findlay, Hugh T.; Popyach, Stephen A.; and Tao, Deh C., 4,504,840, Cl. 346-76.0PH.
Evans, Vaughn R.; Harris, Richard H.; Thorpe, Allan C.; and Watts, John E., 4,561,790, Cl. 400-124.000.
Fabricius, Karen A.; and Kemlage, Bernard M., 4,508,757, Cl. 427-93.000.
Fang, Frank F.; Grossman, Bertrand M.; and Hwang, Wei, 4,532,698, Cl. 29-571.000.
Faris, Sadeg M.; Moskowitz, Paul A.; Davidson, Arthur; and Sai-Halasz, George A., 4,498,046, Cl. 324-158.00F.
Farran, John; Hatchett, Michael R.; and Heath, John S., 4,510,841, Cl. 83-176.000.
Faure, Louis H.; Townsend, Dana R.; and Walsh, Thomas J., 4,554,506, Cl. 324-158.00P.
Fedak, John F.; Findley, Gerald I.; and Torr, Terry A., 4,555,802, Cl. 382-56.000.
Feenstra, David D.; Fey, Robert L.; and Goin, Cheryl A., 4,523,615, Cl. 141-1.000.
Feinberg, Irving; Kraus, Charles J.; and Stoller, Herbert I., 4,546,413, Cl. 361-410.000.
Feinberg, Irving; Wu, Leon L.; and Yuan, Leo, 4,553,050, Cl. 307-443.000.
Ferry, Michel F. M. S.; and Trehin, Jacques L., 4,562,525, Cl. 363-45.000.
Field, Cheryl B.; and Lange, Russell C., 4,546,066, Cl. 430-314.000.
Field, Thomas R.; Hughes, Frank M.; Shakib, Iraj D.; and Vitek, Edward J., Jr., 4,525,086, Cl. 400-144.200.
Firth, Rowland V. D., III; Goff, Willie, Jr.; Ku, Ta C.; and Rakes, James M., 4,520,371, Cl. 346-76.0PH.
Foster, Gregory J., 4,532,588, Cl. 364-200.000.
Fotiadis, Emanuel; Kozol, Edward J.; Leung, Tak L.; and Paul, Robert J., 4,516,678, Cl. 206-444.000.
Fowler, Alan B., 4,550,330, Cl. 357-16.000.
Fox, Sidney J.; Yeskel, Filip J.; and Zimmermann, William J., Jr., 4,554,593, Cl. 358-282.000.
Franaszek, Peter A.; and Yarmchuk, Edward J., 4,525,724, Cl. 346-74.500.
Franey, Terence E., 4,552,634, Cl. 204-159.230.
Freeman, Joseph W.; Kraft, Wayne R.; Kurtz, Hobart L.; and Magrisso, Israel B., 4,558,447, Cl. 371-71.000.
Freeouf, John L.; and Jackson, Thomas N., 4,518,846, Cl. 219-271.000.
Frisbie, Richard C.; Houser, David E.; Morenus, Richard J.; and Thomas, Edwin L., 4,515,505, Cl. 409-163.000.
Fryer, George B.; and Stepneski, David A., 4,493,108, Cl. 382-61.000.
Furman, Anatol, 4,535,428, Cl. 365-230.000.
Furman, Anatol, 4,554,645, Cl. 365-189.000.
Gaccetta, Carl M.; and Lutz, Terry J., 4,491,222, Cl. 206-394.000.
Gaffney, John E., Jr., 4,562,305, Cl. 178-22.080.
Gaind, Arun K.; Kulkarni, Subhash B.; and Poponiak, Michael R., 4,504,330, Cl. 148-175.000.
Galie, John R.; Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,541,168, Cl. 29-579.000.
Galwey, Ronald K.; and Kanazawa, Kay K., 4,498,039, Cl. 323-234.000.
Galwey, Ronald K.; and Kanazawa, Kay K., 4,500,840, Cl. 324-425.000.
Garbarino, Paul L.; Makarewicz, Stanley R.; and Shepard, Joseph F., 4,498,095, Cl. 357-23.000.
Garwin, Richard L.; and Levine, James L., 4,511,760, Cl. 178-18.000.
Garwin, Richard L.; and Levine, James L., 4,558,313, Cl. 340-709.000.
Gaudet, James L.; and Chukran, Rudolph E., 4,498,150, Cl. 364-900.000.
Gawlick, Dieter; Gray, James N.; Iimura, Wallace M.; and Obermarck, Ronald L., 4,507,751, Cl. 364-900.000.
Gazdik, Charles E.; and McBride, Donald G., 4,517,051, Cl. 156-644.000.
Geipel, Henry J., Jr.; Schaefer, Charles A.; White, Francis R.; and Wursthorn, John M., 4,527,325, Cl. 29-571.000.
Gelatt, Charles D., Jr.; and Kirkpatrick, Edward S., 4,495,559, Cl. 364-148.000.
Gelchinski, Mordechai H.; Romankiw, Lubomyr T.; Vigliotti, Donald R.; and Von Gutfeld, Robert J., 4,497,692, Cl. 204-15.000.
Gheewala, Tushar R.; and Kaplan, Steven B., 4,533,840, Cl. 307-306.000.
Ghosh, Hitendra; Murgai, Ashok, and Westdorp, Wolfgang A., 4,511,428, Cl. 156-601.000.
Gillett, John B.; and Miraglia, John A., 4,499,523, Cl. 361-383.000.
Gillett, John B.; and Miraglia, John A., 4,542,950, Cl. 339-75.0MP.
Gillett, John B., 4,544,223, Cl. 339-75.0MP.
Gillett, John B., 4,548,452, Cl. 339-17.00R.
Gini, Donald; and Stockton, Dean B., 4,518,634, Cl. 427-128.000.
Glickman, David, 4,498,148, Cl. 364-900.000.
Gobran, Frederick S.; Grospin, Fred E.; Pittwood, Donald G.; and Shlatz, Myron F., 4,504,723, Cl. 219-85.00F.
Goel, Prabhakar; and McMahon, Maurice T., 4,494,066, Cl. 324-73.00R.
Goel, Prabhakar; and McMahon, Maurice T., 4,504,784, Cl. 324-73.00R.
Goetz, Fred E.; Harris, Jim C.; and Howell, Steven E., 4,561,620, Cl. 248-371.000.
Goff, Willie, Jr.; and Rakes, James M., 4,533,921, Cl. 346-1.100.
Goldrian, Gottfried; Nitschke, Manfred; Rudolph, Volker; and Wohnsdorf, Manfred, 4,553,862, Cl. 400-121.000.
Goldrian, Gottfried, 4,559,636, Cl. 377-20.000.
Goth, George R.; and Malaviya, Shashi D., 4,508,579, Cl. 148-175.000.
Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,534,826, Cl. 156-643.000.
Goth, George R.; Hansen, Thomas A.; and Makris, James S., 4,549,927, Cl. 156-643.000.

Graf, Matthew C.; Muhlfeld, Hans P., Jr.; and Valentine, Edward H., 4,517,661, Cl. 364-900.000.
Grandguillot, Michel; Mollier, Pierre; and Nuez, Jean-Paul, 4,529,896, Cl. 307-480.000.
Greenspan, Stephen B.; and Gupta, Omkarnath R., 4,502,100, Cl. 361-384.000.
Greeson, James C., Jr., 4,524,352, Cl. 340-714.000.
Gregory, Joseph D.; and Budnik, James M., 4,553,853, Cl. 374-25.000.
Greschner, Johann; Schwerdt, Friedrich W.; and Trumpp, Hans J., 4,556,628, Cl. 430-314.000.
Griego, Deborah B.; Hopping, Joe M.; Rehage, Teddy A.; and Rhodes, John H., Jr., 4,538,905, Cl. 355-14.0SH.
Gruber, Peter A., 4,549,407, Cl. 62-304.000.
Guarnieri, C. Richard, 4,521,442, Cl. 427-38.000.
Gumaer, Robert A.; and Mortenson, John A., 4,509,119, Cl. 364-200.000.
Gupta, Omkarnath R.; and Torino, Albert L., 4,529,237, Cl. 294-86.400.
Habich, Adolph B., 4,552,716, Cl. 264-328.100.
Hagen, Mark D.; Mendel, Peter J.; and Regehr, John L., 4,542,377, Cl. 340-727.000.
Hagler, Brenda J.; and Repass, James T., 4,520,457, Cl. 364-900.000.
Hall, Douglas J.; Langley, Robert F.; and Thomas, Edwin L., 4,515,878, Cl. 430-5.000.
Halpern, Joseph Y.; Simons, Barbara B.; and Strong, Hovey R., 4,531,185, Cl. 364-200.000.
Harr, Jerome D., 4,513,254, Cl. 330-294.000.
Harr, Jerome D.; and Hense, Karl R., 4,535,371, Cl. 360-67.000.
Hartung, Michael H.; and Nolan, Kenneth P., 4,533,996, Cl. 364-200.000.
Hausler, Gerd; Jarisch, Walter; and Makosch, Gunter, 4,541,720, Cl. 356-345.000.
Hayes, Lawrence P., deceased; Hayes, Ellen J., administratrix; Jain, Kantilal; and Kerth, Randall T., 4,521,087, Cl. 350-574.000.
Heath, Chester A., 4,493,028, Cl. 364-200.000.
Heath, Chester A., 4,509,113, Cl. 364-200.000.
Heath, John S., 4,554,559, Cl. 346-76.0PH.
Heller, Andrew R.; and Worley, William S., Jr., 4,500,952, Cl. 364-200.000.
Hendriks, Ferdinand; and Taylor, Russell H., 4,544,889, Cl. 324-158.00P.
Hermann, Karl, 4,495,479, Cl. 333-238.000.
Heuber, Klaus; and Wiedmann, Siegfried K., 4,521,873, Cl. 365-190.000.
Hickethier, Craig R.; Hogan, Ronald E.; and Prahl, Marvin E., 4,509,086, Cl. 360-99.000.
Higgins, Robert C.; Stanich, Mikel J.; and Wolfe, Larry L., 4,538,895, Cl. 355-3.00R.
Hilpert, Fritz; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,542,393, Cl. 346-163.000.
Hilpert, Fritz W.; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,502,797, Cl. 400-55.000.
Hiraoka, Hiroyuki, 4,507,331, Cl. 427-38 000.
Hoffman, Harry S., Jr.; Thompson, Donald R.; and Zimmerman, Luther L., 4,525,707, Cl. 340-707.000.
Holden, Chester D.; and Rood, Allan J., 4,557,410, Cl. 227-155.000.
Hollis, Ralph L., Jr., 4,509,002, Cl. 318-687.000.
Hollis, Ralph L., Jr.; and Musits, Bela L., 4,514,674, Cl. 318-687.000.
Homola, Andrew M.; and Sussner, Heinrich, 4,542,071, Cl. 428-428.000.
Hong, Se J.; and Nair, Ravindra, 4,539,549, Cl. 340-146.200.
Horlander, Frank J., 4,531,134, Cl. 346-76.0PH.
Hottenrott, Hans G.; Hodge, Philo B.; and Cochran, Thomas J., 4,518,910, Cl. 324-158.00P.
Howard, Webster E., Jr., 4,518,891, Cl. 313-398.000.
Huebner, Willi E.; and Niemerg, Joseph P., 4,528,467, Cl. 310-13.000.
Huerta, Jose L.; Rachui, Roy A.; Roberts, James E.; and Simpson, Grainger I., Jr., 4,511,135, Cl. 271-126.000.
Huerta, Jose L., 4,541,623, Cl. 271-10.000.
Hult, Anders; Ito, Hiroshi; MacDonald, Scott A.; and Willson, Carlton G., 4,551,418, Cl. 430-325.000.
Hultmark, Eric B.; Metreaud, Claude G.; and Yacavonis, Robert A., 4,546,405, Cl. 361-386.000.
Hunt, Ronald E.; and Jenkins, William M., 4,506,881, Cl. 271-277.000.
Irwin, John W., 4,496,954, Cl. 346-1.100.
Isaac, Randall D.; and Ning, Tak H., 4,495,512, Cl. 357-34.000.
Ito, Hiroshi; Willson, Carlton G.; and Frechet, Jean M. J., 4,491,628, Cl. 430-176.000.
Ito, Hiroshi; MacDonald, Scott A.; Miller, Robert D.; and Willson, Carlton G., 4,552,833, Cl. 430-325.000.
Jackowski, Stefan P.; and Moyer, James T., 4,561,094, Cl. 371-24.000.
Jackson, Thomas N., 4,532,532, Cl. 357-15.000.
Jackson, Thomas N.; and Woodall, Jerry M., 4,532,533, Cl. 357-16.000.
Jackson, Thomas N., 4,542,577, Cl. 29-571.000.
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Jain, Kantilal; and Latta, Milton R., 4,547,044, Cl. 350-433.000.
Johnson, Charles L.; and Ryba, John M., 4,495,377, Cl. 174-68.500.
Johnson, Mark, 4,558,383, Cl. 360-77.000.
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Jones, Gardner D., Jr., 4,528,659, Cl. 370-80.000.
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Kanazawa, Kay K., 4,499,552, Cl. 364-802.000.
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Kaplan, Leon H.; and Kaplan, Richard D., 4,497,891, Cl. 430-296.000.
Karnes, Roy E., Jr.; McCaskill, Rex A.; and Nguyen, Khoa D., 4,555,773, Cl. 364-900.000.
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King, David E.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., 4,534,797, Cl. 106-1.230.
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Klepner, Stephen P., 4,514,254, Cl. 156-656.000.
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Ko, Ming; Oxsen, Michael E.; and Prime, Robert B., 4,546,035, Cl. 428-315.900.
Kok, Paul, 4,535,841, Cl. 165-185.000.
Koopman, Nicholas G.; and Marcotte, Vincent C., 4,492,842, Cl. 219-85.00M.
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Korth, Hans E., 4,516,855, Cl. 356-367.000.
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Langner, Gunther O.; Pfeiffer, Hans C.; and Sturans, Maris A., 4,544,846, Cl. 250-396.0ML.
Lanning, Frederick E., 4,512,263, Cl. 109-66.000.
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Latta, Ernst-Eberhard; and Ronay, Maria, 4,526,629, Cl. 148-1.500.
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Lee, Francis C.; Mills, Ross N.; Payne, Robert N.; and Talke, Frank E., 4,513,299, Cl. 346-140.00R.
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Leininger, Joel C.; Moore, Victor S.; and Stahl, William L., Jr., 4,509,114, Cl. 364-200.000.
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Lo, Yuan-Chang, 4,539,677, Cl. 370-85.000.
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Mercy, Brian R., 4,556,948, Cl. 364-757.000.
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Mueller, Harald; and Schwerdt, Friedrich, 4,540,464, Cl. 156-639.000.
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Peek, Charles L.; Richey, Phillip C.; and Summers, James H., 4,559,614, Cl. 364-900.000.
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Perry, Charles H.; and Shaw, Robert R., 4,519,851, Cl. 148-6.310.
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Rohrer, Gene D., 4,510,615, Cl. 382-7.000.
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Sachdev, Krishna G.; Sachdev, Harbans S.; Aviram, Ari; and Wizner, Mark A., 4,525,722, Cl. 346-1.100.
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Schick, Jerome D.; and Wilson, Howard R., 4,503,521, Cl. 365-182.000.
Schlotter, Nicholas E.; and Rabolt, John F., 4,559,447, Cl. 250-231.0SE.
Shadwick, David T., 4,523,868, Cl. 400-208.000.
Shattuck, Meredith D., 4,547,088, Cl. 400-241.100.
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Shepard, Joseph F., 4,546535, Cl. 29-571.000.
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Shils, Alan J.; and Ianni, John P., Jr., 4,510,673, Cl. 29-574.000.
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Shipp, Kenneth O., Jr.; Wood, Richard B.; and Repass, James T., 4,506,343, Cl. 364-900.000.
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Stokes, Konrad H., 4,530272, Cl. 98-34.500.
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Thomas, David R.; and Tien, Paul C., 4,534,017, Cl. 365-149.000.
Thorne, William D., 4,540,296, Cl. 400-121.000.
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Vosacek, Robert H., 4,499,539, Cl. 364-200.000.
Watrous, Robert B., 4,506,307, Cl. 360-106.000.
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Whitley, Lawrence D., 4,531,200, Cl. 364-900.000.
Wiedmann, Siegfried K., 4,535,425, Cl. 365-156.000.
Yamaguchi, Hidefumi, 4,501,996, Cl. 315-371.000.
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International Coal Refining Company: *See*—
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Baumert, Kenneth L.; Sagues, Alberto A.; and Davis, Burtron H., 4,511,460, Cl. 208-348.000.
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  - Givens, Edwin N.; and Hoover, David S., 4,521,299, Cl. 208-254.00R.
  - Roberts, George W.; and Tao, John C., 4,534,847, Cl. 208-8.0LE.
  - Schweighandt, Frank; Hoover, David S.; and Garg, Diwakar, 4,518,479, Cl. 208-8.0LE.
  - Schweighardt, Frank K., 4,492,674, Cl. 422-101.000.
  - Skinner, Ronald W.; Tao, John C.; and Znaimer, Samuel, 4,491,511, Cl. 208-8.0LE.
  - Skinner, Ronald W.; Tao, John C.; and Znaimer, Samuel, 4,510,040, Cl. 208-10.000.
  - Tewari, Krishna C.; and Foster, Edward P., 4,547,201, Cl. 44-51.000.
  - Ying, David H. S.; McDermott, Wayne T.; and Givens, Edwin N., 4,558,651, Cl. 110-347.000.
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  - Drake, John A., 4,557,436, Cl. 242-47.500.
  - Farhangi, Hassan; Miles, Peter R.; and Daskalakis, Costas N., 4,493,106, Cl. 382-41.000.
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  - Hunt, David J., 4,551,706, Cl. 340-347.0DD.
  - Procter, Brian J., 4,507,784, Cl. 371-61.000.
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  - Stevens, Reginald W., 4,554,673, Cl. 375-118.000.
  - Thewlis, Alan, 4,538,870, Cl. 339-75.00M.
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- International Design Corporation: *See—*
  - Woods, William D.; and Pigman, John H., 4,490,921, Cl. 33-476.000.
- International Electronic Research Corp.: *See—*
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  - Forbush, Donald C.; and Seamon, Glen R., 4,526,771, Cl. 423-543.000.
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  - Klaus, Dale A., 4,514,792, Cl. 362-294.000.
- International Ferrox Co., Establishment: *See—*
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  - Belko, Robert P.; Boden, Richard M.; and Hanna, Marie R., 4,543,192, Cl. 252-8.600.
  - Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,495,091, Cl. 252-522.00R.
  - Boden, Richard M., 4,495,359, Cl. 549-356.000.
  - Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,500,448, Cl. 252-522.00R.
  - Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,503,259, Cl. 568-382.000.
  - Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,510,080, Cl. 252-522.00R.
  - Boden, Richard M., 4,513,757, Cl. 131-276.000.
  - Boden, Richard M.; Tyszkiewicz, Theodore J.; Licciardello, Michael; Vock, Manfred H.; Vinals, Joaquin F.; Whalen, Patrick; and Hanna, Marie R., 4,515,987, Cl. 568-433.000.
  - Boden, Richard M., 4,517,990, Cl. 131-276.000.
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  - Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,528,402, Cl. 568-445.000.
  - Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,532,361, Cl. 568-382.000.
  - Boden, Richard M.; Temes, Steven D.; Tyszkiewicz, Theodore J.; and Hanna, Marie R., 4,534,891, Cl. 252-522.00R.
  - Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,536,330, Cl. 252-522.00R.
  - Boden, Richard M.; and Grim, Claude, 4,539,143, Cl. 252-522.00R.
  - Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,554,095, Cl. 252-522.00R.
  - Boden, Richard M., 4,560,776, Cl. 549-356.000.
  - Buckholz, Lawrence, Jr.; Wilson, Richard A.; and Kleinberg, Roger, 4,514,094, Cl. 366-160.000.
  - Buckholz, Lawrence, Jr.; Wilson, Richard A.; and Kleinberg, Roger, 4,514,431, Cl. 426-641.000.
  - Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,496,775, Cl. 568-820.000.
  - Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,504,398, Cl. 252-8.600.
  - Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,512,902, Cl. 252-8.600.
  - Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,514,324, Cl. 252-522.00R.
  - Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,532,359, Cl. 568-346.000.
  - Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,549,972, Cl. 252-8.600.
  - Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,560,791, Cl. 560-254.000.
  - Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,560,802, Cl. 568-388.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,491,537, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; Schreiber, William L.; Whelan, Patrick; and Hanna, Marie R., 4,519,943, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,521,634, Cl. 568-665.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,532,364, Cl. 568-444.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,539,142, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,540,812, Cl. 560-256.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,544,775, Cl. 568-675.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,554,384, Cl. 568-445.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,554,385, Cl. 568-496.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,556,746, Cl. 568-648.000.
  - Hall, John B.; and Sprecker, Mark A., 4,503,258, Cl. 568-376.000.
  - Hall, John B.; and Yoshida, Takao, 4,520,032, Cl. 426-3.000.
  - Hall, John B.; and Yoshida, Takao, 4,535,192, Cl. 568-819.000.
  - Hall, John B.; and Sprecker, Mark A., 4,541,951, Cl. 252-522.00R.
  - Hall, John B.; and Yoshida, Takao, 4,546,821, Cl. 426-3.000.
  - Hall, John B.; Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,549,982, Cl. 252-522.00R.
  - Hall, John B.; Sanders, James M.; and Siano, James N., 4,560,499, Cl. 252-522.00R.
  - Klemarczyk, Philip T., 4,493,791, Cl. 252-522.00R.
  - Klemarczyk, Philip T., 4,498,996, Cl. 252-8.600.
  - Klemarczyk, Philip T., 4,501,918, Cl. 500-231.000.
  - Licciardello, Michael; and Boden, Richard M., 4,543,203, Cl. 252-522.00R.
  - Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,517,385, Cl. 568-386.000.
  - Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,547,594, Cl. 568-392.000.
  - Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,499,114, Cl. 426-534.000.
  - Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,526,798, Cl. 426-534.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,506,104, Cl. 568-820.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,510,340, Cl. 568-884.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,533,491, Cl. 252-522.00R.
  - Mookherjee, Braja D.; Chant, Bernard J.; Evers, William J.; Wilson, Richard A.; Zampino, Michael J.; and Vock, Manfred H., 4,536,583, Cl. 549-1.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,549,971, Cl. 252-8.600.
  - Munteanu, Marina A.; Oltarzewski, Edward S.; Shechter, Leon; and Warren, Craig B., 4,496,467, Cl. 252-92.000.
  - Munteanu, Marina A.; Oltarzewski, Edward S.; Shechter, Leon; and Warren, Craig B., 4,548,764, Cl. 261-75.000.
  - Pittet, Alan O.; Muralidhara, Ranya; and Hagedorn, Myrna L., 4,499,307, Cl. 568-355.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,501,904, Cl. 549-35.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,504,508, Cl. 426-535.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,514,429, Cl. 426-535.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,966, Cl. 549-30.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,967, Cl. 549-39.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,968, Cl. 549-39.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,521,613, Cl. 560-152.000.
  - Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,552,770, Cl. 426-535.000.
  - Pittet, Alan O.; Muralidhara, Ranya; and Vock, Manfred H., 4,557,941, Cl. 426-535.000.
  - Rutherford, Howard J.; and Withycombe, Donald A., 4,521,541, Cl. 521-79.000.
  - Rutherford, Howard J.; and Withycombe, Donald A., 4,542,162, Cl. 521-79.000.
  - Rutherford, Howard J.; and Withycombe, Donald A., 4,543,367, Cl. 521-79.000.

  - Sprecker, Mark A.; Klemarczyk, Philip T.; and Belko, Robert P., 4,492,645, Cl. 252-522.00R.
  - Sprecker, Mark A.; Belko, Robert P.; and Greene, Roger E., 4,493,790, Cl. 252-522.00R.
  - Sprecker, Mark A., 4,502,494, Cl. 131-276.000.
  - Sprecker, Mark A.; and Hanna, Marie R., 4,507,225, Cl. 252-522.00R.
  - Sprecker, Mark A., 4,517,213, Cl. 426-538.000.
  - Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,524,020, Cl. 252-522.00R.
  - Sprecker, Mark A., 4,532,050, Cl. 252-8.600.
  - Sprecker, Mark A.; Wiegers, Wilhelmus J.; Belko, Robert P.; and Boden, Richard M., 4,534,890, Cl. 252-522.00R.
  - Sprecker, Mark A.; Wiegers, Wilhelmus J.; Belko, Robert P.; and Boden, Richard M., 4,537,704, Cl. 252-522.00R.
  - Sprecker, Mark A.; Schreiber, William L.; Fujioka, Futoshi; Boden, Richard M.; Vock, Manfred H.; Whelan, Patrick; and Hanna, Marie R., 4,541,949, Cl. 252-522.00R.
  - Sprecker, Mark A.; Belko, Robert P.; Schreiber, William L.; and Licciardello, Michael, 4,548,743, Cl. 252-522.00R.
  - Tokarzewski, Richard J.; and Schreiber, William L., 4,533,492, Cl 252-522.00R.
  - Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., 4,501,762, Cl. 426-538.000.
  - van Loveren, Augustinus G.; Sprecker, Mark A.; Whelan, Patrick; and Hanna, Marie R., 4,532,357, Cl. 568-327.000.
  - Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,541,950, Cl. 252-522.00R.
  - Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,559,168, Cl. 252-522.00A.
  - Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,512,918, Cl. 252-522.00R.
  - Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,515,712, Cl. 252-522.00R.
  - Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,522,765, Cl. 260-463.000.
  - Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,524,021, Cl. 252-522.00R.
  - Wiegers, Wilhelmus J.; Fenn, Ronald S.; Boden, Richard M.; and Schreiber, William L., 4,524,783, Cl. 131-276.000.
  - Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,525,364, Cl. 426-3.000.
  - Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,536,299, Cl. 252-8.600.
  - Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,546,208, Cl. 568-814.000.
  - Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,549,983, Cl. 252-522.00R.
  - Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,554,096, Cl. 252-522.00R.
  - Wiegers, Wilhelmus J., 4,560,500, Cl. 252-522.00R.
  - Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,512,919, Cl. 252-522.00R.
  - Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,533,746, Cl. 560-144.000.
  - Wilson, Richard A.; Mookherjee, Braja D.; Zampino, Michael J.; Vock, Manfred H.; and Miller, Kevin P., 4,539,209, Cl. 426-3.000.
- International Food Equipment Inc.: *See—*
  - Reed, Claude A., 4,539,900, Cl. 99-353.000.
  - Verkler, Charles E., 4,548,508, Cl. 366-195.000.
- International Foundation for Cancer Research: *See—*
  - Giaever, Ivar; and Keese, Charles R., 4,514,500, Cl. 435-241.000.
- International Game Technology: *See—*
  - Branham, Doud R., 4,518,001, Cl. 133-5.00R.
  - Davids, Robert E., 4,517,558, Cl. 340-700.000.
- International Harvester Company: *See—*
  - Amateau, Maurice F.; and Karasek, Keith R., 4,508,158, Cl 164-110.000.
  - Bellah, Glen R.; Mylander, Richard H.; Idelman, Lloyd B.; and Coons, Robert R., 4,494,418, Cl. 74-475.000.
  - Boyd, Collis E., 4,501,532, Cl. 417-313.000.
  - Caron, LaVerne A.; and Handley, Edward F., 4,530,321, Cl. 123-179.00H.
  - Egan, John J.; and Witkowski, Andrew B., 4,512,299, Cl. 123-196.00A.
  - Frase, Roland J.; and Bettin, Leonard A., 4,496,004, Cl. 172-311.000.
  - Gahlinger, Earl C., 4,512,810, Cl. 134-8.000.
  - Gebben, Vernon D., 4,502,340, Cl. 73-862.330.
  - Gebben, Vernon D., 4,545,261, Cl. 73-862.330.
  - Hofer, Peter H., 4,507,898, Cl. 51-410.000.
  - Hurst, Stanley A., 4,534,443, Cl. 180-328.000.
  - McCandless, James C., 4,501,138, Cl. 73-116.000.
  - Musick, Donald R.; and Howell, Edward H., 4,517,929, Cl 123-41.100.
  - Risley, John R., 4,552,398, Cl. 303-7.000.
  - Robinson, Edward L., Jr.; and Stamp, Tom G., 4,493,274, Cl 111-88.000.
  - Thedford, Guy N.; Fachini, Robert M.; and Sullivan, Dennis K., 4,501,112, Cl. 56-13.300.
  - Vater, George R.; and Melles, Harold W., 4,498,356, Cl. 74-745.000.
- International Healthcare Products, Inc.: *See—*
  - Herman, Harry H., Jr., 4,495,666, Cl. 4-564.000.
  - Herman, Harry H., Jr., 4,534,074, Cl. 4-564.000.
- International Honeycomb Corporation: *See—*
  - Rothenberg, Lee M., Jr., 4,521,203, Cl. 446-106.000.
- International Housing Limited: *See—*
  - Garrett, Dennis L., 4,541,211, Cl. 52-98.000.
- International Hydraulic Systems, Inc.: *See—*
  - Perkins, Gerard T., 4,540,343, Cl. 417-218.000.
- International Hydron Corporation: *See—*
  - Dillon, Michael A.; and Rawlings, David L., 4,534,723, Cl. 425-289.000.
  - Rawlings, David L., 4,516,924, Cl. 425-434.000.
  - Rawlings, David L.; and Glick, Robert E., 4,517,138, Cl. 264-2.100.
  - Rawlings, David L.; and Glick, Robert E., 4,517,139, Cl. 264-2.100.
  - Rawlings, David L., 4,517,140, Cl. 264-2.100.
  - Rawlings, David L., 4,551,086, Cl. 425-425.000.
- International In-Store Sales Limited: *See—*
  - Prewer, Richard W., 4,530,200, Cl. 53-157.000.
- International Institute of Cellular & Molecular Pathology: *See—*
  - Collet-Cassart, Daniel; Mareschal, Jean-Claude; and Masson, Pierre L., 4,556,642, Cl. 436-500.000.
- International Jensen Incorporated: *See—*
  - Bauer, Martin W.; Thys, Carl J.; Fredriksen, Peter A.; Robin, David J.; and Schaar, Richard J., 4,562,595, Cl. 455-345.000.
  - Bell, R. Richard, 4,531,234, Cl. 455-247.000.
  - Johnson, William K.; and Ferrero, Jaime, 4,503,292, Cl. 179-178.000.
  - Johnson, William K., 4,550,230, Cl. 179-178.000.
  - Johnston, George C.; and Swieboda, Michael A., 4,518,642, Cl. 428-172.000.
  - Mischenko, Peter S.; and Buehl, George T., 4,561,142, Cl. 15-97.00R.
- International Key Marketing Incorporated: *See—*
  - Kasprzycki, Robert; and Fudge, Chester, 4,521,981, Cl. 40-2.00A.
- International Medical Electronics, Ltd.: *See—*
  - Rogers, Noel A., 4,510,937, Cl. 128-422.000.
- International Meehanite Metal Company Limited, The: *See—*
  - Mannion, Geoffrey; and Palmer, Patrick V., 4,511,401, Cl. 75-130.00R.
- International Minerals & Chemical Corp.: *See—*
  - Berry, William W., 4,545,962, Cl. 423-20.000.
  - Dancy, William B.; and Meng, Hsi, 4,562,058, Cl. 423-551.000.
  - Ellenbaum, Frank H.; and Ciesco, Richard, 4,518,428, Cl 75-257.000.
  - Hunt, Richard B.; Dancy, William B.; and Alexander, James B., 4,540,577, Cl. 424-153.000.
  - Jacobs, Martin J., 4,543,239, Cl. 423-321.00S.
  - Majumdar, Kalyan K., 4,503,022, Cl. 423-321.00R.
  - Medbery, John L., 4,528,021, Cl. 71-41.000.
  - Seeney, Charles E.; and Kraemer, John F., 4,522,651, Cl. 106-38.300.
  - Seeney, Charles E.; Kraemer, John F.; and Ingebrigtsen, Janis, 4,522,799, Cl. 423-306.000.
  - Seeney, Charles E., 4,524,053, Cl. 423-306.000.
- International Osobouw Sales Office N.V.: *See—*
  - Batstra, Ype, 4,547,331, Cl. 264-333.000.
- International Packaging Systems Inc.: *See—*
  - O'Malley, Michael P.; and Thibault, Alfred R., 4,493,627, Cl. 425-89.000.
  - O'Malley, Michael P.; Henderson, David E.; Cable, Mark J.; and Hefferon, James E., 4,532,093, Cl. 264-40.100.
  - O'Malley, Michael P., 4,559,192, Cl. 264-51.000.
- International Paint Public Limited Company: *See—*
  - Baxter, Kenneth F., 4,505,748, Cl. 106-14.390.
  - Reeder, Frank; Nunn, Michael J.; Mitchell, Michael J.; and Baxter, Kenneth F., 4,501,615, Cl. 106-14.390.
  - Ring, John; French, David; Hickling, Michael; and Sturgess, Michael G., 4,508,765, Cl. 427-386.000.
- International Paper Company: *See—*
  - Alexander, Garold W.; and Haase, William H., 4,514,353, Cl. 264-294.000.
  - Asanuma, Mari, 4,550,826, Cl. 206-259.000.
  - Balanovsky, Lev; and Brauner, Arne H., 4,505,423, Cl. 229-5.500.
  - Brandon, Ralph E.; Davis, Charles J.; Ring, Michael; and Swenson, Roy S., 4,512,849, Cl. 162-157.200.
  - Callahan, Kevin M., 4,493,860, Cl. 427-230.000.
  - Capo, James L., 4,535,928, Cl. 229-16.00R.
  - Capo, James L.; and Cunningham, William D., 4,548,352, Cl. 229-17.00G.
  - Cassidy, Benjamin J., 4,501,388, Cl. 229-37.00R.
  - Cassidy, Benjamin J., 4,526,317, Cl. 229-44.0CB.
  - DiGeronimo, Michael J., 4,494,357, Cl. 53-167.000.
  - Empie, Howard L., Jr., 4,526,760, Cl. 422-185.000.
  - Feldmann, Herman F., 4,522,685, Cl. 162-30.110.
  - Fries, Carl J., Jr., 4,540,391, Cl. 493-287.000.
  - Gordon, Robert L.; Alba, Andrew J.; Bodary, Michael; and Mesquida-Feirman, Barbara, 4,498,585, Cl. 206-518.000.
  - Gordon, Robert L., 4,558,785, Cl. 206-617.000.
  - Hambleton, Thomas P.; Guevara, Erick; and Rychiger, Peter, 4,557,398, Cl. 220-270.000.

  - Hemmelgarn, Donald J.; and Grow, Arthur L., 4,534,725, Cl. 425-394.000.
  - Junod, John E.; and Fairand, Barry P., 4,540,392, Cl. 493-303.000.
  - Kraus, Robert G.; and Quick, James R., 4,534,886, Cl. 252-502.000.
  - Lisnyansky, Khaim, 4,535,950, Cl. 242-66.000.
  - Lovelace, Harold, 4,515,580, Cl. 493-183.000.
  - Mehra-Palta, Asha; and Gross, Kimnaja, 4,550,528, Cl. 47-58.000.
  - Murdick, Brian K.; and Haase, William H., 4,535,891, Cl. 206-564.000.
  - Nowacki, Ulrich G., 4,500,306, Cl. 493-92.000.
  - Smith, Wesley H., 4,527,732, Cl. 229-17.00G.
  - Thomas, Gilles R., 4,537,344, Cl. 229-34.00R.
- International Pipe Machinery Corp.: *See—*
  - Crawford, Gerald R.; and Kozlowski, Brian J., 4,540,539, Cl. 264-269.000.
- International Playtex, Inc.: *See—*
  - Cole, Raymond C., 4,557,267, Cl. 128-464.000.
  - Lichstein, Bernard; and Handler, Michael, 4,536,178, Cl. 604-15.000.
  - O'Boyle, Dolores; and Shonk, Phyllis, 4,519,137, Cl. 33-17.00R.
  - O'Boyle, Dolores; and Hittel, William C., 4,558,705, Cl. 128-476.000.
  - Patel, Shantilal G.; and Bell, William D., 4,551,892, Cl. 28-166.000.
  - Wooten, Thomas P., 4,530,361, Cl. 128-483.000.
- International Power Technology, Inc.: *See—*
  - Cheng, Dah Y., 4,499,721, Cl. 60-39.050.
  - Cheng, Dah Y., 4,549,397, Cl. 60-39.300.
- International Rectifier Corporation: *See—*
  - Fleischer, Kenneth H., 4,529,888, Cl. 307-252.00T.
  - Herman, Thomas; and Williams, Oliver, 4,535,251, Cl. 250-551.000.
  - Meddles, Dennis, 4,556,896, Cl. 357-70.000.
  - Pelly, Brian R., 4,540,899, Cl. 307-270.000.
  - Wood, Peter N., 4,511,815, Cl. 307-584.000.
- International Remote Imaging Systems, Inc.: *See—*
  - DeForest, Sherman E.; Bolz, Gunner; and La Quey, Robert E., 4,502,075, Cl. 358-93.000.
  - DeForest, Sherman E., 4,538,299, Cl. 382-21.000.
  - Deindoerfer, Fred H., 4,519,087, Cl. 377-10.000.
- International Research & Development Company: *See—*
  - Moorhouse, Peter, 4,501,676, Cl. 252-12.000.
- International Resources Management, Inc.: *See—*
  - Coffing, Samuel F., 4,551,246, Cl. 210-221.200.
- International Rice Research Institute, Republic of the Philippines: *See—*
  - Buttery, Ronald G.; Ling, Louisa C.; and Juliano, Bienvenido O., 4,522,838, Cl. 426-537.000.
- International Shoe Machine Corporation: *See—*
  - Becka, Michael M., 4,490,868, Cl. 12-14.400.
  - Becka, Michael M.; and Goodenough, William G., 4,561,139, Cl. 12-1.00R.
  - Sommer, Gerald, 4,530,124, Cl. 12-12.400.
  - Vornberger, Karl F., 4,553,281, Cl. 12-8.100.
  - Vornberger, Walter, 4,517,697, Cl. 12-10.500.
- International Solarpanel, Inc.: *See—*
  - Leflar, James A.; and Wardlow, William C., 4,498,265, Cl. 52-403.000.
- International Standard Electric Corporation: *See—*
  - Akram, Tahir; Bartozzi, Daniel S.; and Dasiewicz, Paul P., 4,530,093, Cl. 370-85.000.
  - Alexander, John H., 4,514,441, Cl. 427-126.600.
  - Bergersen, Hans A.; and Risberg, Eilif, 4,501,956, Cl. 219-553.000.
  - Black, Philip W.; and Irven, John, 4,518,407, Cl. 65-3.120.
  - Bloch, Samuel; Bressler, Klaus; Idler, Horst; and Kleiber, Herbert, 4,506,332, Cl. 364-483.000.
  - Blomley, Peter F., 4,502,018, Cl. 330-254.000.
  - Blomley, Peter F., 4,506,113, Cl. 179-81.00B.
  - Blomley, Peter F., 4,555,596, Cl. 179-81.00B.
  - Bossennec, Jean-Louis G.; Debuisser, Jean-Claude A.; and Farhi, Philippe F., 4,555,705, Cl. 343-55.00A.
  - Chown, David P. M., 4,498,197, Cl. 455-619.000.
  - Colardelle, Joel S. G.; Lerouge, Claude P. H.; and Loup, Nicole J. R., 4,496,798, Cl. 179-84.00T.
  - Colardelle, Joel S. G., 4,547,863, Cl. 364-784.000.
  - Cranfield, Brian A.; Fothergill, John C.; and Wolfe, Susan V., 4,551,499, Cl. 524-487.000.
  - Crossland, William A.; Ross, Peter W.; and Ayliffe, Peter J., 4,511,926, Cl. 358-236.000.
  - Crossland, William A.; Coates, David; and Ayliffe, Peter J., 4,528,562, Cl. 340-805.000.
  - Debuysscher, Pierre L.; Peeters, Hugo J. P.; and Hennebel, Christiaan G. M. M., 4,553,233, Cl. 370-16.000.
  - Epworth, Richard E., 4,533,247, Cl. 356-345.000.
  - Epworth, Richard E., 4,561,119, Cl. 455-609.000.
  - Fisher, David A., 4,539,675, Cl. 370-32.000.
  - Foster, Basil B., 4,531,222, Cl. 375-106.000.
  - Franklin, Robert W.; and Briscoe, Peter F., 4,494,299, Cl. 29-570.000.
  - Glasauer, Rudolf; and Feigel, Josef, 4,558,245, Cl. 310-67.00R.
  - Greene, Peter D.; and Turley, Stephen E. H., 4,509,996, Cl. 148-171.000.
  - Hafner, Ulrich, 4,536,730, Cl. 335-213.000.
  - Hansen, Bjorn N., 4,560,840, Cl. 179-81.00B.
  - Hattersley, Kenneth R., 4,529,904, Cl. 310-318.000.
  - Haupt, Herbert, 4,501,601, Cl. 65-2.000.
  - Heeks, John S.; and Cooke, Roger E., 4,561,727, Cl. 350-351.000.
  - Hentschke, Siegbert, 4,531,151, Cl. 358-135.000.
  - Hochreutiner, Roger M., 4,503,410, Cl. 335-153.000.
  - Hoefman, Marc E. M., 4,549,148, Cl. 331-1.00A.
  - Hopfensperger, Reinhold, 4,494,908, Cl. 415-206.000.
  - Koller, Wilhelm J.; and Vogel, Horst, 4,492,961, Cl. 343-7.300.
  - Kuehn, Volker; Rothfuss, Werner; and Widmaier, Richard, 4,511,421, Cl. 156-356.000.
  - Lambrechts, Eric G. Y.; Verhoeven, Herman K. M.; and Claes, Constant J. P., 4,518,160, Cl. 271-214.000.
  - Lomax, Ronald W., 4,535,312, Cl. 335-196.000.
  - Mattle, Hans P., 4,551,748, Cl. 356-10.000.
  - Minks, Werner, 4,507,633, Cl. 335-202.000.
  - Minks, Werner, 4,554,520, Cl. 335-106.000.
  - Minks, Werner, 4,554,522, Cl. 335-202.000.
  - Mitschke, Helmut, 4,518,984, Cl. 358-11.000.
  - Oswald, Thomas, 4,501,022, Cl. 455-601.000.
  - Pansaerts, Marcel F. R.; Bogaert, Joseph M. F.; and Decolvenaer, Etienne K. A., 4,547,835, Cl. 361-399.000.
  - Parfree, Colin S.; and Worthington, Peter, 4,506,948, Cl. 350-96.230.
  - Pease, Nicolas C., 4,538,463, Cl. 73-587.000.
  - Pedersen, Jack R.; and Ege, Sigmund, 4,518,445, Cl. 156-49.000.
  - Pedersen, Jack R.; Thomassen, Hans R.; and Henriksen, Svein, 4,547,626, Cl. 174-107.000.
  - Pioli, Maurizio, 4,531,022, Cl. 178-22.190.
  - Powell, William H.; and Witters, Hugo F. J., 4,499,600, Cl. 455-9.000.
  - Priamo, Lawrence; and MacKenzie, Robert B., 4,530,090, Cl. 370-58.000.
  - Prohaska, Peter, 4,505,552, Cl. 350-392.000.
  - Pols, Bernhard; Gruber, Hermann; Leipold, Kurt; Schonberger, Richard; Kizak, Ulrich; and Huttereer, Max, 4,539,442, Cl. 179-115.5VC.
  - Reule, Hans; Ganzle, Hartmut; and Vogel, Horst H., 4,492,894, Cl. 313-414.000.
  - Rodel, Gerhard; and Wolfel, Werner, 4,562,523, Cl. 363-21.000.
  - Rose, Jochen, 4,551,587, Cl. 200-11.00R.
  - Ross, Peter W., 4,508,427, Cl. 350-335.000.
  - Schemmel, Gerald; and Linnebach, Richard, 4,551,186, Cl. 148-171.000.
  - Shuh, Bruce D., 4,495,616, Cl. 370-62.000.
  - Stockle, Bernd; and Pfendler, Klaus, 4,492,908, Cl. 318-663.000.
  - Szabo, Laszlo; and Schunemann, Klaus, 4,538,122, Cl. 331-96.000.
  - Szabo, Laszlo, 4,541,120, Cl. 455-86.000.
  - Szechenyi, Kalman, 4,547,633, Cl. 179-175.30F.
  - Tischer, Kurt M.; Voigt, Klaus-Peter; and Zondler, Rolf, 4,505,685, Cl. 445-24.000.
  - Uebel, Helmut, 4,550,444, Cl. 455-41.000.
  - Vance, Ian A. W.; Jeffrey, Colin; Bidwell, Brian A.; Leevers, David F. A.; and Woodley, Michael J. A., 4,506,262, Cl. 340-825.440.
  - Vance, Ian A. W.; and Goatcher, John K., 4,521,892, Cl. 375-88.000.
  - Vance, Ian A. W.; and Bainton, Stephen D., 4,525,835, Cl. 370-29.000.
  - Verfaillie, Guido A. M.; and Breynaert, Dirk, 4,542,347, Cl. 329-124.000.
  - von der Brake, Dieter, 4,501,989, Cl. 313-93.000.
  - Weiss, Eberhard, 4,511,340, Cl. 445-6.000.
  - Willhaus, Werner, 4,536,628, Cl. 200-43.080.
  - Wuyts, Oscar; Ruelens, Remy F.; and Van Camp, Lucien J. M., 4,538,201, Cl. 361-124.000.
- International Steel Company: *See—*
  - Beastall, William H.; Ballew, Vernon R.; Collier, Richard D.; and Bagby, John T., 4,523,417, Cl. 52-273.000.
- International Stock Food Corporation: *See—*
  - Forest, Joseph G.; and Czarnetzky, Edward J., 4,508,737, Cl. 426-54.000.
- International Technidyne Corp.: *See—*
  - Mintz, Michael D., 4,551,308, Cl. 422-58.000.
- International Teldata II Corp.: *See—*
  - Oliver, Stewart W., 4,540,849, Cl. 179-2.0AM.
- International Telecommunications Satellite Organization: *See—*
  - Fraser, Allister F.; and Alsbach, Walter G., 4,542,257, Cl. 136-251.000.
  - Shimbo, Osamu; Nguyen, Lan N.; and Dicks, Jack L., 4,500,984, Cl. 370-6.000.
- International Telephone and Telegraph Corporation: *See—*
  - Agrawal, Bhagwati; and Shenol, Kishan, 4,528,551, Cl. 340-347.0DA.
  - Anhalt, John W., 4,501,461, Cl. 339-75.00M.
  - Anhalt, John W., 4,533,198, Cl. 339-99.00R.
  - Argentieri, Michael A., 4,555,587, Cl. 174-11.00R.
  - Aro, Enn; Bogan, Leonard E.; Hamersley, Richard A.; Knapke, Paul H.; and Miller, Robert L., 4,495,614, Cl. 370-58.000.
  - Aro, Enn; DeHilster, Robert J.; and Bogan, Leonard E., 4,504,942, Cl. 370-58.000.
  - Ball, David J., 4,508,407, Cl. 339-89.00R.
  - Benson, John; Hanel, Harold L.; and Freeman, Douglas A., 4,492,329, Cl. 227-10.000.
  - Biswas, Dipak R.; and Nath, Dilip K., 4,518,628, Cl. 427-55.000.
  - Bogan, Leonard E.; and Hamersley, Richard A., 4,527,266, Cl. 370-58.000.
  - Bogan, Leonard E.; Godwin, William R.; Hamersley, Richard A.; Poulsen, Harold W.; and Miller, Robert L., 4,530,086, Cl. 370-58.000.
  - Bogert, Warren D.; Kiss, Marvin L.; and Yee, Gin W., 4,506,264, Cl. 343-18.00E.

- Borsuk, Leslie M., 4,496,213, Cl. 350-96.220.
- Borsuk, Leslie M.; and Corrales, Patrick G., 4,516,829, Cl. 350-96.200.
- Bowen, James H., 4,498,167, Cl. 370-44.000.
- Briscoe, Milton R., 4,538,269, Cl. 371-22.000.
- Cantor, Frank J.; and Horwitz, Robert P., 4,538,959, Cl. 415-98.000.
- Casilli, Joseph C.; Gibson, Lawrence; and Hessler, William D., 4,494,574, Cl. 137-625.600.
- Casilli, Joseph C., 4,555,222, Cl. 417-393.000.
- Cotton, John M., 4,507,748, Cl. 364-749.000.
- Couch, Philip R., 4,543,664, Cl. 455-601.000.
- Cyrot, Luc P., 4,536,728, Cl. 335-182.000.
- Dantzig, Jonathan A.; Sevier, Peter E.; and Ungarean, Gary L., 4,523,624, Cl. 164-454.000.
- Einem, Robert E.; and Richards, Joseph A., 4,529,187, Cl. 271-10.000.
- Espiritu, Hermenegildo A., 4,547,035, Cl. 339-103.00M.
- Frederick, Stanley H., 4,545,906, Cl. 210-138.000.
- Getz, Stephen; and Fouser, William, 4,551,875, Cl. 7-138.000.
- Ghosh, Chuni L., 4,525,448, Cl. 430-314.000.
- Goegelein, Gerald W.; Longmore, Paul H.; and Fisher, Stan E., 4,551,837, Cl. 371-25.000.
- Goldman, Stuart O.; Lissakers, Erik A.; and Thomson, Matthew W. S., 4,562,572, Cl. 370-80.000.
- Goodman, David S.; and Selvin, Gerald J., 4,529,257, Cl. 339-94.00M.
- Goodman, David S.; Selvin, Gerald J.; Naus, Hubert W.; Rofer, David; and McNutt, Randy A., 4,544,224, Cl. 339-89.00M.
- Greenwood, John C., 4,503,715, Cl. 73-862.590.
- Grimsby, Emerson A., 4,528,741, Cl. 29-564.400.
- Gullotti, Damian V.; Winter, Joseph; Young, Kenneth P.; and Evans, Robert D., 4,524,820, Cl. 164-476.000.
- Hertel, Richard J., 4,527,846, Cl. 315-382.000.
- Hess, Dale N., 4,560,125, Cl. 248-55.000.
- Jezo, Maurice L.; and Lu, Ning H., 4,559,606, Cl. 364-728.000.
- Kebede, Berhanu; and George, Marion L., 4,527,772, Cl. 251-138.000.
- Kenney, Malachi P.; Young, Kenneth P.; and Koch, Alan A., 4,557,605, Cl. 366-134.000.
- Kingen, Rickey W.; and Duncan, Robert H., 4,496,799, Cl. 179-100.00L.
- Knapke, Paul H.; and Miller, Robert L., 4,513,414, Cl. 370-58.000.
- Kurbikoff, Peter A.; and Bethurum, Gary C., 4,521,062, Cl. 339-14.00R.
- Landgreen, Eleanor A., 4,552,427, Cl. 339-89.00M.
- Lu, Ning H., 4,559,607, Cl. 364-728.000.
- Middleton, Francisco A.; Das, Santanu; and Hargrave, Franklin, 4,528,424, Cl. 179-17.00A.
- Miller, Robert L., 4,519,071, Cl. 370-100.000.
- Morris, David; and Schwarz, Albrecht, 4,538,219, Cl. 363-26.000.
- Morton, Steven G., 4,536,855, Cl. 364-786.000.
- Morton, Steven G., 4,546,428, Cl. 364-200.000.
- Murphy, Kent A., 4,550,974, Cl. 350-96.150.
- Muska, Willis M., 4,499,609, Cl. 455-619.000.
- Nelson, Randall B., 4,551,305, Cl. 422-5.000.
- Neyens, Edward J.; and Vaal, John G., 4,540,958, Cl. 332-16.00R.
- Nguyen, Van H., 4,546,641, Cl. 73-32.00A.
- Nieman, Gerald R., 4,516,821, Cl. 339-75.00M.
- Pitt, Gillies D.; Williamson, Roger J.; Batchelder, David N.; and Prabakaran, Arulanandam M., 4,519,259, Cl. 73-861.220.
- Randle, Ronald E.; and Milbright, Arnold M., 4,509,303, Cl. 52-98.000.
- Ranghelli, Joseph C.; and La Bella, Joseph A., 4,521,754, Cl. 333-224.000.
- Reed, Robert E., 4,502,029, Cl. 333-203.000.
- Safai, Sohrab, 4,494,305, Cl. 29-764.000.
- Selvin, Gerald J., 4,531,790, Cl. 339-14.00R.
- Sugars, John A., 4,555,154, Cl. 339-59.00R.
- Turbak, Albin F.; Snyder, Fred W.; and Sandberg, Karen R., 4,500,546, Cl. 514-781.000.
- Vincent, Arthur L; Robinson, James R.; and Ginkel, Ernst R., 4,526,755, Cl. 422-90.000.
- Von Grunberg, Hubertus; Rowell, Jonathan M.; and Corey, Frederick C., 4,537,289, Cl. 188-97.400.
- West, Michael D., 4,553,733, Cl. 251-291.000.
- West, Michael D., 4,560,140, Cl. 251 11.000.

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  - Mehl, Wolfgang, 4,536,462, Cl. 430-106.000.
- Internationale Octrooi Maatschappij "Octroapa" B.V.: *See—*
  - Van Boom, Jacobus H.; Van Den Marel, Gijsbert A.; and Van Boeckel, Constant A. A., 4,503,233, Cl. 548-114.000.
- Internationale Octrooi Maatschappij "Octropa" B.V.: *See—*
  - Armstead, Brian H.; and Quinn, James P., 4,515,821, Cl. 426-330.400.
  - Bradley, Geoffrey; Hoarty, John T.; and Howarth, Ian M., 4,524,163, Cl. 524-5.000.
  - Davis, Paul J.; and Reynolds, James F., 4,544,548, Cl. 424-93.000.
  - Davis, Paul J.; and Reynolds, James F., 4,552,759, Cl. 424-93.000.
  - Eynon, David L.; Kingsnorth, Stanley W.; and Varma, Mani K., 4,522,687, Cl. 162-336.000.
  - Ranger, Alan E., 4,520,048, Cl. 427-350.000.
  - Smith, Richard D., 4,544,187, Cl. 285-256.000.
  - Spaanderman Cornelis, 4,519,506, Cl. 209-592.000.
  - Van Dijk, Cornelis; and De Jongh, Rudolph O., 4,551,441, Cl. 502-159.000.
- Internationella Siporex AB: *See—*
  - Goransson, Rolf E.; and Kalvenes, Oystein, 4,528,883, Cl. 83-870.000.
- InterNorth, Inc.: *See—*
  - Busse, Paul J., 4,491,638, Cl. 502-167.000.
  - Cunningham, Richard D., 4,535,620, Cl. 73-23.100.
  - Dickey, Leland C., 4,548,802, Cl. 423-659.000.
  - Dickey, Leland C., 4,548,803, Cl. 423-659.000.
- INTERO-Stahl - und Maschinenbau Schmitz GmbH & Co. KG: *See—*
  - Baron, Dieter, 4,538,546, Cl. 118-697.000.
- Interox Chemicals Limited: *See—*
  - Campbell, Ian M.; Baulch, Donald L.; and Audley, Gary J., 4,496,783, Cl. 568-947.000.
  - Farrell, George; Anderson, Diana M.; and Walton, Michael E., 4,533,527, Cl. 423-53.000.
  - Hignett, Geoffrey J.; Rowbottom, Kenneth T.; and Sanderson, William R., 4,536,313, Cl. 252-100.000.
  - Sanderson, William R., 4,496,473, Cl. 252-186.410.
  - Sanderson, William R., 4,541,944, Cl. 252-95.000.
  - Sanderson, William R., 4,545,784, Cl. 8-107.000.
  - Smith, Eileen; Timperley, Doreen A.; and Titchener, Dorothy M., 4,497,725, Cl. 252-102.000.
  - Smith, Eileen; Timperley, Doreen A.; and Titchener, Dorothy M., 4,525,291, Cl. 252-95.000.
- Interox (Societe Anonyme): *See—*
  - Hageman, Jacques; and Meyers, Liliane, 4,548,674, Cl. 162-5.000.
- Interpace Corporation: *See—*
  - Baileys, James P.; and Hedrick, Warren R., 4,502,370, Cl. 98-60.000.
  - Baker, Anthony C.; and Pinkham, Thomas A., 4,523,054, Cl. 174-45.00R.
  - Miggins, Michael R., 4,500,745, Cl. 174-31.00R.
  - Moran, John H., 4,543,523, Cl. 324-51.000.
  - Wheeler, Edward S., 4,505,033, Cl. 29-631.000.
  - Wheeler, Edward S., 4,514,591, Cl. 174-182.000.
- Interpane Entwicklungs-und Beratungsgesellschaft mgH & Co. K.G.: *See—*
  - Glaser, Hans J., 4,510,190, Cl. 428-34.000.
- Intersil, Inc.: *See—*
  - Bingham, David, 4,529,948, Cl. 330-264.000.
  - Bingham, David; Evans, Lee L.; and Bradshaw, Peter D., 4,546,324, Cl. 330-9.000.
  - Bingham, David, 4,547,683, Cl. 307-355.000.
  - O'Mara, Bradley E., 4,535,410, Cl. 364-483.000.
- Intersonics Incorporated: *See—*
  - Danley, Thomas J.; and Rey, Charles A., 4,531,025, Cl. 179-115.5VC.
- Interstate Electronics Corporation: *See—*
  - Marentic, Michael J., 4,492,957, Cl. 340-777.000.
  - Walter, Carlton H.; Bohley, Peter; and Couture, Robert P., 4,494,121, Cl. 343-708.000.
  - Weber, Larry F., 4,550,274, Cl. 315-169.400.
- Intersteel Technology, Inc.: *See—*
  - Vallomy, John A., 4,543,124, Cl. 75-46.000.
- Intertate Electronics Corporation: *See—*
  - Suste, Joseph T., 4,496,879, Cl. 315-169.400.
- Intertechnique: *See—*
  - Beaussant, Raymond, 4,546,491, Cl. 2-2.10A.
- Intervascular, Inc.: *See—*
  - Matterson, Samuel A., 4,530,113, Cl. 623-1.000.
- Interzeag AG: *See—*
  - Hirsch, Joy, 4,526,452, Cl. 351-243.000.
- InTest Corporation: *See—*
  - Smith, Nathan R., 4,527,942, Cl. 414-590.000.
- Intevep, S.A.: *See—*
  - Arias, Beatriz; Kum, Humberto; and Galiasso, Roberto, 4,499,202, Cl. 502-211.000.
  - Calderon, Jose L.; and Layrisse, Ignacio, 4,521,277, Cl. 196-46.000.
  - Calderon, Jose L.; and Betancourt, Humberto, 4,551,232, Cl. 208-92.000.
  - Larrauri, Jose M.; Arias, Beairit C.; and Galiasso, Roberto E., 4,508,616, Cl. 208-111.000.
  - Morales, Alfredo; Galiasso, Roberto E.; and Carrasquel, Angel R., 4,525,472, Cl. 502-323.000.
  - Morales, Alfredo L.; Galiasso, Roberto E.; Agudelo, Maria M.; Salazar, Jose A.; and Carrasquel, Angel R., 4,520,128, Cl. 502-210.000.
  - Rodriguez, Domingo; Schemel, Roberto; and Salazar, Ramon, 4,548,792, Cl. 423-65.000.
  - Schemel, Roberto; Rodriguez, Domingo; and Salazar, Ramon, 4,539,186, Cl. 423-62.000.
  - Vadasz, Amnon F., 4,513,778, Cl. 137-533.110.
  - Vadasz, Amnon F., 4,516,479, Cl. 92-170.000.
- Intili, Henry S., to Microban Products Company. Antimicrobial paper. 4,533,435, 8-6-85, Cl. 162-161.000.
- Intini, Anthony V., Jr. Flat tip spoon. 4,524,513, 6-25-85, Cl. 30-149.000.
- Intini, Thomas D. Child-resistant tamper-evident package. 4,537,312, 8-27-85, Cl. 206-531.000.
- Intlekofer, Michael J.: *See—*
  - Hilse, Gernot R. K.; Intlekofer, Michael J.; and Auth, David C., 4,561,807, Cl. 406-99.000.
- Intoh, Kiyoshi: *See—*
  - Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.

- Intorp, Norbert B.: *See—*
  - Kent, Gary D.; Intorp, Norbert B.; and Springstead, Thomas H., 4,498,935, Cl. 148-6.15Z.
- Intrater, Josef; and Bertoldo, Gene, to Advanced Technology, Inc. Method of catalyzing metal depositions on ceramic substrates. 4,535,029, 8-13-85, Cl. 428-408.000.
- Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita, Hideo; and Aoki, Yoshiaki, to Pola Chemical Industries, Inc.; and Sanwa Chemical Industries, Inc., Ltd. Process for preparation of soap articles containing dried shapes of soap. 4,504,433, 3-12-85, Cl. 264-232.000.
- Inui, Masaki; and Yasui, Yasuyoshi, to Toyota Jidosha Kabushiki Kaisha. Transmission mechanism in a manual transmission. 4,494,419, 1-22-85, Cl. 74-477.000.
- Inui, Masaki; and Yasui, Yasuyoshi, to Toyota Jidosha Kabushiki Kaisha. Construction for preventing wear of shift fork in transmission manipulation device for manual transmission. 4,509,385, 4-9-85, Cl. 74-477.000.
- Inui, Masaki, to Toyota Jidosha Kabushiki Kaisha. Device for preventing reverse gear buzzing in a manual transmission. 4,510,818, 4-16-85, Cl. 74-477.000.
- Inui, Masaki, to Toyota Jidosha Kabushiki Kaisha. Device for preventing reverse gear buzzing in a manual transmission. 4,510,819, 4-16-85, Cl. 74-477.000.
- Inui, Masaki, to Toyota Jidosha Kabushiki Kaisha. Gear assembly for eliminating knocking noises in transmission. 4,519,264, 5-28-85, Cl. 74-409.000.
- Inui, Masaki; and Yasui, Yasuyoshi, to Toyota Jidosha Kabushiki Kaisha. Transmission manipulation device for manual transmission. 4,543,844, 10-1-85, Cl. 74-473.00R.
- Inui, Masaki; and Yasui, Yasuyoshi, to Toyota Jidosha Kabushiki Kaisha. Interlocking construction in transmission manipulation device for manual transmission. 4,543,846, 10-1-85, Cl. 74-477.000.
- Inui, Osamu: *See—*
  - Yano, Takeshi; Fukui, Izumu; Hamatsuki, Takeshige; Sato, Eiichi; and Inui, Osamu, 4,518,887, Cl. 310-328.000.
- Inui, Taiji: *See—*
  - Ura, Katsumi; Inui, Taiji; and Sakka, Kenji, 4,517,804, Cl. 60-657.000.
- Inui, Takayasu: *See—*
  - Igarashi, Michiaki; Inui, Takayasu; Otsuka, Kazuo; Nogami, Saburo; and Nishimura, Satoru, 4,507,057, Cl. 417-216.000.
- Inui, Tetsuji: *See—*
  - Hatakeyama, Kenichi; and Inui, Tetsuji, 4,538,151, Cl. 343-18.00A.
- Inui, Tomoyuki: *See—*
  - Takegami, Yoshinobu; and Inui, Tomoyuki, 4,526,878, Cl. 502-65.000.
- Inui, Toshiharu, to Fuji Xerox Co., Ltd. Ink donor sheet. 4,492,727, 1-8-85, Cl. 428-216.000.
- Inui, Toshiharu; Kurata, Masami; Nakajima, Hisao; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Transfer type heat sensitive recording apparatus. 4,499,476, 2-12-85, Cl. 346-76.0PH.
- Inui, Toshiharu; and Moriguchi, Haruhiko, to Fuji Xerox Co., Ltd. Thermal head drive circuit. 4,524,368, 6-18-85, Cl. 346-76.0PH.
- Inui, Toshiharu; and Moriguchi, Haruhiko, to Fuji Xerox Co., Ltd. Thermal head drive circuit. 4,536,774, 8-20-85, Cl. 346-76.0PH.
- Inui, Toshiharu: *See—*
  - Kurata, Masami; Inui, Toshiharu; and Ohmori, Takashi, 4,510,523, Cl. 358-75.000.
  - Kurata, Masami; and Inui, Toshiharu, 4,543,587, Cl. 346-76.0PH.
  - Moriguchi, Haruhiko; and Inui, Toshiharu, 4,514,736, Cl. 346-76.0PH.
  - Moriguchi, Haruhiko; and Inui, Toshiharu, 4,518,645, Cl. 428-212.000.
  - Moriguchi, Haruhiko; Omori, Takashi; and Inui, Toshiharu, 4,535,340, Cl. 346-76.0PH.
  - Moriguchi, Haruhiko; Inui, Toshiharu; and Ohmori, Takashi, 4,560,988, Cl. 346-1.100.
  - Svay, Leng; Moriguchi, Haruhiko; and Inui, Toshiharu, 4,513,296, Cl. 346-76.0PH.
- Inui, Tsuneo: *See—*
  - Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, 4,511,631, Cl. 428-632.000.
  - Kanda, Katsumi; Okamura, Takaaki; Minamigi, Takashi; Inui, Tsuneo; and Kondo, Yoshikazu, 4,517,255, Cl. 428-626.000.
  - Nemoto, Tadashi; Fukumoto, Ryoichi; Kawamura, Hiroaki; Kondo, Yoshikazu; and Inui, Tsuneo, 4,508,601, Cl. 204-38.500.
  - Shimizu, Nobuyoshi; Fujimoto, Terunori; Inui, Tsuneo; and Ishida, Masatoki, 4,508,790, Cl. 428-632.000.
- Inuiya, Masafumi; and Murakoshi, Makoto, to Fuji Photo Optical Co., Ltd. Output compensating system. 4,499,547, 2-12-85, Cl. 364-571.000.
- Inuiya, Masafumi, to Fuji Photo Film Co., Ltd. Image reader with a light diffuser. 4,518,864, 5-21-85, Cl. 250-578.000.
- Inuiya, Masafumi: *See—*
  - Nishizawa, Junichi; Tamamushi, Takashige; Shimanuki, Koji; and Inuiya, Masafumi, 4,524,391, Cl. 358-213.000.
- Inuizawa, Yoshihiro: *See—*
  - Fukui, Osamu; Inuizawa, Yoshihiro; Hinenoya, Saburo; and Takasaki, Yasufumi, 4,562,230, Cl. 525-74.000.
- Inukai, Hiroshi: *See—*
  - Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.
  - Ohmori, Akira; Tomihashi, Nobuyuki; Inukai, Hiroshi; and Shimizu, Yoshiki, 4,544,720, Cl. 526-247.000.
- Inukai, Kenichi: *See—*
  - Furuno, Akihisa; Inukai, Kenichi; and Ogawa, Yasuo, 4,514,551, Cl. 526-233.000.
- Inukai, Tadahiko: *See—*
  - Yamada, Hideaki; Otsuji, Shogo; Isobe, Kimiyasu; Matsunaga, Kuniyoshi; and Inukai, Tadahiko, 4,550,078, Cl. 435-25.000.
- Inukai, Takashi: *See—*
  - Inoue, Hiromichi; Inukai, Takashi; Goto, Yasuyuki; Sato, Hideo; and Fukui, Masahiro, 4,522,741, Cl. 252-299.630.
- Inukai, Yuzo, to Fuji Photo Film Co., Ltd. Atomizing head. 4,512,518, 4-23-85, Cl. 239-223.000.
- Inukai, Yuzo; and Shichijo, Yoshiaki, to Fuji Photo Film Co., Ltd. Spray type coating apparatus. 4,520,755, 6-4-85, Cl. 118-629.000.
- Inumaru, Susumu: *See—*
  - Yoshida, Masahiro; and Inumaru, Susumu, 4,558,730, Cl. 164-487.000.
- Inuta, Kazuo, to Dainippon Screen Mfg. Co., Ltd. Rotary board treating apparatus. 4,531,474, 7-30-85, Cl. 118-503.000.
- Inuzuka, Eiji: *See—*
  - Tsuchiya, Yutaka; Inuzuka, Eiji; and Shinoda, Yuji, 4,492,879, Cl. 307-248.000.
- Inuzuka, Hiroshi: *See—*
  - Katoh, Yoshiaki; and Inuzuka, Hiroshi, 4,561,147, Cl. 16-380.000.
- Inuzuka, Tokushige: *See—*
  - Kumagai, Naotake; Tatemoto, Minoru; Itoh, Yoji; and Inuzuka, Tokushige, 4,516,545, Cl. 123-192.00R.
- Inuzuka, Tsuneki; Kawatsura, Yoshihiro; and Ishida, Masato, to Canon Kabushiki Kaisha. Image formation apparatus. 4,538,902, 9-3-85, Cl. 355-14.0FU.
- Inuzuka, Tsuneki: *See—*
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  - Gerber, James A., 4,546,764, Cl. 128-33.000.
  - Haury, Gilbert E.; Patel, Nathalal G.; Lockard, Walter G.; and Wiatrak, Thomas R., 4,500,102, Cl. 280-242.0WC.
  - Klimo, Robert G., 4,511,825, Cl. 318-67.000.
  - Lockard, Walter G.; Patel, Nathalal G.; and Boris, Allen J., 4,555,121, Cl. 280-30.000.
- Inventio AG: *See—*
  - Friedli, Paul; Hinderling, Thomas; and Begle, Guntram, 4,518,909, Cl. 318-566.000.
  - Heiz, Ulrich, 4,508,484, Cl. 414-337.000.
  - Iseli, Jakob; and Pribnow, Hans-Hermann, 4,519,474, Cl. 180-279.000.
  - Schroder, Joris, 4,492,288, Cl. 187-29.00R.
- Inventions International Incorporated: *See—*
  - Stevenson, Rosemary C., 4,507,087, Cl. 434-98.000.
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- Invertron Simulated Systems Limited: *See—*
  - Walmsley, Dennis A., 4,552,533, Cl. 434-12.000.
- Investment Rarities, Incorporated: *See—*
  - Burandt, Corliss O., 4,495,902, Cl. 123-90.160.
- Invocas, Inc.: *See—*
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  - Mak, Stephen M., 4,545,032, Cl. 364-900.000.
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  - Antonov, Jury F.; Iogansen, Vadim I.; Tkachenko, Alexei S.; Chernyavsky, Vladimir P.; and Shapiro, Aron B., 4,496,870, Cl. 310-260.000.
- Iolab Corporation: *See—*
  - Akhavi, David S., 4,541,206, Cl. 51-217.00L.
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  - Beard, Charles D.; Yamada, Akira; and Doddi, Namassivaya, 4,528,311, Cl. 524-91.000.
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  - Bauck, Randall C.; Kleczkowski, S. Peter; and Radman, Anton J., 4,502,083, Cl. 360-99.000.
  - Powell, Steven H., 4,532,562, Cl. 360-78.000.
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  - Gehlke, Scott J. S.; Yost, Michael G.; and Steinman, Arnold J., 4,542,434, Cl. 361-231.000.

- Ion Tech Limited: *See—*
  - Franks, Joseph, 4,510,386, Cl. 250-251.000.
- Ionescu, Alexandru D. Smart hand. 4,509,783, 4-9-85, Cl. 294-88.000.
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  - Hodgdon, Russell B.; and Waite, Warren A., 4,505,797, Cl. 204-252.000.
  - Seamans, Thomas F., 4,528,173, Cl. 423-421.000.
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  - Bittner, Timothy, 4,536,895, Cl. 623-6.000.
  - Bittner, Timothy, 4,536,896, Cl. 623-6.000.
  - Rainin, E. A., 4,490,860, Cl. 3-13.000.
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  - Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.
- Iordanishvili, Evgeny K.: *See—*
  - Gudkin, Timofei S.; Iordanishvili, Evgeny K.; Lidorenko, Nikolai S.; Malkovich, Bella E.; Razumovsky, Mikhail I.; and Rubashov, Igor B., 4,519,389, Cl. 128-303.100.
- Iori, Giuseppe: *See—*
  - Romano, Ugo; and Iori, Giuseppe, 4,508,656, Cl. 260-463.000.
- Iota Engineering Co.: *See—*
  - Perper, Lloyd J., 4,538,094, Cl. 315-221.000.
- Iowa State University Research Foundation, Inc.: *See—*
  - Anderson, Lloyd L.; and Girard, Leon E., 4,549,501, Cl. 119-99.000.
  - Bremner, John M., 4,552,581, Cl. 71-61.000.
  - Handy, Richard L.; and Murray, James A., 4,508,472, Cl. 405-229.000.
  - Handy, Richard L.; and Lutenegger, Alan J., 4,543,820, Cl. 73-84.000.
  - Kraus, George A., 4,545,935, Cl. 260-245.700.
  - Kuehn, Thomas H., 4,555,764, Cl. 364-557.000.
  - Larock, Richard C., 4,520,207, Cl. 549-79.000.
  - Larock, Richard C., 4,535,179, Cl. 560-117.000.
  - Lutenegger, Alan J., 4,539,851, Cl. 73-845.000.
  - McClelland, John F., 4,523,577, Cl. 126-430.000.
  - Pabst, Mark W.; and Handy, Richard L., 4,524,626, Cl. 73-784.000.
  - Pitt, John M.; Handy, Richard L.; and Lamb, Robert O., 4,494,694, Cl. 238-2.000.
  - Platt, Kenneth B.; and Reed, David E., 4,493,825, Cl. 424-88.000.
  - Rohde, John R.; and Pitt, John M., 4,557,147, Cl. 73-784.000.
  - Runyan, William S., 4,502,418, Cl. 119-97.00R.
  - Runyan, William S., 4,511,211, Cl. 350-117.000.
  - Smith, David L. O.; and Lohnes, Robert A., 4,502,338, Cl. 73-819.000.
  - Spurlin, Stanford R.; and Yeung, Edward S., 4,555,491, Cl. 436-120.000.
  - Walters, Rodney R., 4,522,715, Cl. 210-198.200.
  - Wheelock, Thomas D., 4,516,980, Cl. 44-1.0SR.
  - Yeung, Edward E.; Steenhoek, Larry E.; Woodruff, Steven D.; and Kuo, Jeng-Chung, 4,498,774, Cl. 356-368.000.
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- Ip, Stephen H. C.: *See—*
  - Hoffman, Robert A.; and Ip, Stephen H. C., 4,492,752, Cl. 435-7.000.
- Ipanema Company: *See—*
  - Kemper, Yves J., 4,495,829, Cl. 74-191.000.
- IPC Communications, Ltd.: *See—*
  - Bergen, Henry M.; Zaimi, Sedat; Castellano, Vincenzo; and Schildkraut, Irwin, 4,536,621, Cl. 179-99.00R.
- IPCO Corporation: *See—*
  - Braun, Frank D.; Witt, Walter; and Putra, Stanislav, 4,522,591, Cl. 433-60.000.
  - Friedman, Abraham, 4,500,296, Cl. 433-225.000.
  - Hillel, Arie; and Borovsky, Simcha, 4,496,351, Cl. 604-250.000.
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  - Schneiderman, Max, 4,498,475, Cl. 128-303.140.
  - Weissman, Bernard, 4,538,987, Cl. 433-60.000.
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- Ippen, Jakob; and Stuttgen, Friedel, to Bayer Aktiengesellschaft. Vehicle tire. 4,493,355, 1-15-85, Cl. 152-329.000.
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- Ippisch, Ernest: *See—*
  - King, Harold B.; Masaitis, William; Ippisch, Ernest; and Chinn, Albert E., 4,521,862, Cl. 364-552.000.
- Ippolito, Rodolfo M., to Dresser Industries, Inc. Wound wire bearing. 4,514,098, 4-30-85, Cl. 384-95.000.
- Ippolito, Ronald A.; and Dugan, Michael T., to Xerox Corporation. Communication manager. 4,509,851, 4-9-85, Cl. 355-14.00C.
- Ippolito, Ronald A.: *See—*
  - Federico, Anthony M.; Ippolito, Ronald A.; and Legg, Ernest L., 4,532,584, Cl. 364-140.000.
- Ippolito, Serge; and Cagnioncle, Georges A., to Societe Chimique de Charbonnages CdF Chimie; and Cocentall - Ateliers de Carspach. Drill bit for jet assisted rotary drilling. 4,535,853, 8-20-85, Cl. 175-404.000.
- Ippolito, Vincent A. Paint caddy. 4,560,127, 12-24-85, Cl. 248-210.000.
- Ipri, Alfred C.; and Stewart, Roger G., to RCA Corporation. Electrically alterable, nonvolatile floating gate memory device. 4,513,397, 4-23-85, Cl. 365-185.000.
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  - Jastrzebski, Lubomir L.; Ipri, Alfred C.; and Kokkas, Achilles G., 4,530,149, Cl. 29-571.000.
  - Jastrzebski, Lubomir L.; and Ipri, Alfred C., 4,554,570, Cl. 357-23.400.
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  - Axelsson, Carl-Lennart, 4,511,372, Cl. 48-197.00R.
  - Torneman, Bjorn, 4,496,369, Cl. 48-92.000.
- IPT Corporation: *See—*
  - Brown, M. Wayne, 4,494,515, Cl. 123-527.000.
- Iqbal, Abul; and Lienhard, Paul, to Ciba-Geigy Corporation. Process for the manufacture of metal complexes of isoindoline azines. 4,496,727, 1-29-85, Cl. 544-225.000.
- Iqbal, Abul: *See—*
  - Cassar, Luigi; Iqbal, Abul; and Rochat, Alain C., 4,540,791, Cl. 546-335.000.
- Iqbal, Sikandar, to Memorex Corporation. Water-based magnetic coating composition. 4,493,778, 1-15-85, Cl. 252-62.540.
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  - Potter, John T., 4,493,571, Cl. 400-144.200.
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- Irabu, Takeru, to Nippon Electric Co., Ltd. Adaptive constant false alarm rate (CFAR) processor. 4,513,286, 4-23-85, Cl. 343-5.0CF.
- Irani, Keikhosrow; and MacBurney, Michael G., to Mikron Instrument Company, Inc. Infrared transducer-transmitter for non-contact temperature measurement. 4,527,896, 7-9-85, Cl. 356-43.000.
- Irbit Holding AG: *See—*
  - Tschudin-Mahrer, Rolf, 4,506,699, Cl. 137-375.000.
- IRD Mechanalysis, Inc.: *See—*
  - Blackburn, Bobby J.; and Csokmay, John M., 4,535,411, Cl. 364-508.000.
- IRECO Incorporated: *See—*
  - Jessop, Harvey A., 4,548,659, Cl. 149-18.000.
  - Lawrence, Larry D.; Sudweeks, Walter B.; and Larsen, Raymond D., 4,526,633, Cl. 149-109.600.
  - Nadherny, Rudolph E., 4,519,564, Cl. 248-58.000.
- Ireks Arkady GmbH, Firma: *See—*
  - Menzel, Waldemar, 4,522,041, Cl. 62-342.000.
- Ireland, Barry R.: *See—*
  - Fortune, Douglas N.; and Ireland, Barry R., 4,538,625, Cl. 130-27.0JT.
- Ireland, Donald T., to Cargill, Incorporated. Solvent precipitation of salt. 4,548,614, 10-22-85, Cl. 23-300.000.
- Ireland, Edward J. Dental matrix band. 4,536,155, 8-20-85, Cl. 433-39.000.
- Ireland, Eric, to Sigma Ltd. Component measuring instrument. 4,520,569, 6-4-85, Cl. 33-148.00E.
- Ireland, Hugh C., to Simplex-GE Limited. Coupling device. 4,516,814, 5-14-85, Cl. 339-7.000.
- Ireland, Thomas R.: *See—*
  - Alley, Philip J.; and Ireland, Thomas R., 4,510,772, Cl. 63-12.000.
- Irex Corporation: *See—*
  - Cimilluca, Charles I., 4,512,350, Cl. 128-660.000.
  - Lewis, George K.; Sun, Franklin K.; Keene, Douglas L.; and Fidel, Howard F., 4,492,120, Cl. 73-625.000.
- Irgang, Matthias: *See—*
  - Horner, Michael; and Irgang, Matthias, 4,536,347, Cl. 260-465.00F.
- Irgel, Lutz: *See—*
  - Ehlenz, Peter; and Irgel, Lutz, 4,517,308, Cl. 502-401.000.
- Irie, Hirofumi: *See—*
  - Inoue, Makoto; Irie, Hirofumi; Kobayashi, Youichi; and Kubota, Tetuo, 4,540,323, Cl. 413-6.000.
- Irie, Hiroyuki; Ide, Susumu; Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, to Matsushita Electric Industrial Co., Ltd. Picture image display apparatus. 4,542,322, 9-17-85, Cl. 315-366.000.
- Irie, Hiroyuki: *See—*
  - Kohashi, Tadao; Irie, Hiroyuki; Ide, Susumu; and Esaki, Hiroshi, 4,525,727, Cl. 346-140.00R.
- Irie, Kenji: *See—*
  - Murata, Toshio; Kushida, Hachiro; and Irie, Kenji, 4,507,184, Cl. 204-129.350.
- Irie, Namio: *See—*
  - Ito, Hideo; Kuroki, Junsuke; and Irie, Namio, 4,537,420, Cl. 280-661.000.
  - Kuroki, Junsuke; Irie, Namio; and Tanaka, Haruto, 4,518,169, Cl. 280-6.00R.
  - Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,519,627, Cl. 280-701.000.
  - Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,527,654, Cl. 180-140.000.
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- Irie, Nobuhiko, to Mitsubishi Jukogyo Kabushiki Kaisha. Method of loading green tires. 4,548,781, 10-22-85, Cl. 264-315.000.
- Irie, Reiko F.; Tai, Tadashi; Morton, Donald L.; Cahan, Leslie D.; and Paulson, James C., to University of California, The Regents of the. Antigenic compositions and methods for using same. 4,557,931, 12-10-85, Cl. 424-88.000.

Irie, Shin-ichi: *See—*

Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, 4,520,230, Cl. 174-107.000.

Irie, Taisuke; Nakagawa, Yoshitaka; Tatano, Masayoshi; Watanabe, Koichi; and Watanabe, Eiji, to Nisshin Steel Co., Ltd. Process for preparing Zn-Ni-alloy-electroplated steel sheets with excellent adherence of the plated layer. 4,508,600, 4-2-85, Cl. 204-27.000.

Irie, Toshio; and Sato, Susumu, to Kawasaki Steel Corporation. Thin steel sheet having improved baking hardenability and adapted for drawing and a method of producing the same. 4,496,400, 1-29-85, Cl. 148-12.00C.

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Irie, Toshio: *See—*

Kato, Toshiyuki; Takahashi, Isao; Irie, Toshio; and Ogawa, Yozo, 4,561,910, Cl. 148-12.400.

Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, 4,541,903, Cl. 204-28.000.

Mochizuki, Kazuo; Nakakoji, Hisatada; Ichida, Toshio; Irie, Toshio; Ogata, Hajime; and Yamaji, Kyoko, 4,561,943, Cl. 204-28.000.

Ogata, Hajime; Ohashi, Yoshiharu; Tsugawa, Shunichi; Ichida, Toshio; and Irie, Toshio, 4,542,077, Cl. 428-629.000.

Irie, Yasuo: *See—*

Nojiri, Takeo; and Irie, Yasuo, 4,514,146, Cl. 416-200.00R.

Irie, Yoichiro; Shigemura, Yutaka; and Namba, Satoshi, to Mita Kogyo Kabushiki Kaisha. Automatic exposure device. 4,540,279, 9-10-85, Cl. 355-69.000.

Irie, Yoichiro: *See—*

Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.

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Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.

Irie, Yutaka: *See—*

Shibazaki, Kenji; Irie, Yutaka; Ito, Masazumi; and Murata, Tomoji, 4,543,643, Cl. 364-900.000.

Irik, Gijsbert W.: *See—*

Boersma, Rintje; van Wijnandsbergen, Marius F. F.; Irik, Gijsbert W.; and Marien, Pieter, 4,527,220, Cl. 361-332.000.

Irikura, Tsutomu, to Matsushita Electric Industrial Co., Ltd. Chip-like solid electrolyte capacitor. 4,510,554, 4-9-85, Cl. 361-433.000.

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Irikura, Tsutomu; Suzue, Seigo; Okubo, Hideo; and Awano, Katsuya, to Kyorin Seiyaki Kabushiki Kaisha. Pyrazolopyridines and tetrahydro pyrazolopyridines. 4,559,402, 12-17-85, Cl. 546-121.000.

Irimajiri, Shoichiro; and Fukui, Takeo, to Honda Giken Kogyo Kabushiki Kaisha. Internal combustion engine. 4,502,434, 3-5-85, Cl. 123-193.00P.

Irino, Hiroshi; and Aoi, Tomio, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for controlling opening angle of throttle valve on complete firing. 4,527,527, 7-9-85, Cl. 123-438.000.

Irino, Hiroshi: *See—*

Nomura, Toshio; Imai, Yasuhiro; Aoi, Tomio; Nakajima, Tetsuo; and Irino, Hiroshi, 4,498,440, Cl. 123-438.000.

Irino, Shigeaki: *See—*

Oyama, Kiyotaka; Irino, Shigeaki; Harada, Tsuneo; and Nakamura, Masao, 4,521,514, Cl. 435-70.000.

Irion & Vosseler GmbH & Co. & Zahlerfabrik: *See—*

Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, 4,495,232, Cl. 428-41.000.

Irisawa, Naoshi, to TDK Electronics Co., Ltd. Dielectric ceramic of BaO-TiO_2 and SnO_2. 4,548,910, 10-22-85, Cl. 501-137.000.

Irish, William D.: *See—*

Gelbard, Robert B.; Grimm, Bernard J.; and Irish, William D., 4,497,183, Cl. 62-295.000.

Irlande, Jean-Paul. Apparatus for controlling transfers of files between computers. 4,511,759, 4-16-85, Cl. 178-2.00R.

Irmscher, Hans-Jurgen: *See—*

Gebauer, Ludwig; Irmscher, Hans-Jurgen; Lang, Gusztav; and Mauthe, Peter, 4,518,283, Cl. 405-260.000.

Irmscher, Klaus; and Uhl, Jurgen, to Merck Patent Gesellschaft mit beschrankter Haftung. Use of adenosine derivatives as anticonvulsants. 4,514,405, 4-30-85, Cl. 514-46.000.

Irnich, Rudolf: *See—*

Bott, Kaspar; Kaibel, Gerd; Hartmann, Horst; Irnich, Rudolf; and Buelow, Horst, 4,551,208, Cl. 203-60.000.

Irnich, Werner. Interference recognition circuit in a heart pacemaker. 4,516,579, 5-14-85, Cl. 128-419.0PG.

Ironica, Inc.: *See—*

Wiernicki, Michael V., 4,561,819, Cl. 414-331.000.

Irons, George P., to United States Manufacturing Company. Knee orthosis with leg stabilizing means. 4,556,053, 12-3-85, Cl. 128-80.00C.

Irons, George P.: *See—*

Greene, Ted J.; and Irons, George P., 4,517,968, Cl. 128-80.00H.

Irven, John: *See—*

Black, Philip W.; and Irven, John, 4,518,407, Cl. 65-3.120.

Irvin, Darrell B., to Tektronix, Inc. Method and apparatus for generating phase locked digital clock signals. 4,562,402, 12-31-85, Cl. 328-63.000.

Irvin, Howard B.: *See—*

Clark, Earl, Jr.; and Irvin, Howard B., 4,548,982, Cl. 524-556.000.

Irvin Industries Inc.: *See—*

Gavagan, James A.; and Motyka, Jerry, 4,552,319, Cl. 242-107.40A.

White, James E.; Lobanoff, Mark; and Harris, Robert A., 4,502,674, Cl. 296-37.160.

Irvin, John E., to Teleflex Incorporated. Lever control assembly. 4,503,730, 3-12-85, Cl. 74-566.000.

Irvine, Antony J.; Leary, Bruce; and Such, Christopher H., to Dulux Australia Ltd. Aqueous dispersions. 4,504,618, 3-12-85, Cl. 524-457.000.

Irvine, Michael D., to ACD, Inc. High speed turbogenerator for power recovery from fluid flow within conduit. 4,555,637, 11-26-85, Cl. 290-52.000.

Irvine, Robert; Luperti, Harry E.; and Bayliss, Keith, to Pitney Bowes Inc. Document feeder. 4,544,150, 10-1-85, Cl. 271-145.000.

Irvine, Robert; O'Brien, John G.; and Luperti, Harry E., to Pitney Bowes Inc. Inserter feeder document stop. 4,548,393, 10-22-85, Cl. 270-59.000.

Irvine, Robert: *See—*

Govan, Edward; and Irvine, Robert, 4,541,764, Cl. 414-52.000.

Silverman, Harold; Ramsey, James S.; and Irvine, Robert, 4,524,557, Cl. 53-55.000.

Irvine, Robert L.: *See—*

Colaruotolo, Joseph F.; Irvine, Robert L.; Ketchum, Lloyd H., Jr.; and Ying, Wei-chi, 4,511,657, Cl. 435-253.000.

Irvine Sensors Corporation: *See—*

Bridgewater, Walter F.; De Caro, Robert E.; Larson, Roger; and Wall, Llewellyn E., 4,555,623, Cl. 250-214.00A.

Carson, John C.; and Clark, Stewart A., 4,525,921, Cl. 29-577.00C.

Carson, John C.; and Clark, Stewart A., 4,551,629, Cl. 250-578.000.

Irving, Christopher L.; and Osmalov, Jerome S., to Philip Morris Incorporated. Tobacco rod firmness sensor. 4,535,789, 8-20-85, Cl. 131-84.100.

Irving, Edward; and Smith, Terence J., to Ciba-Geigy Corporation. Method of forming images from liquid masses. 4,500,629, 2-19-85, Cl. 430-325.000.

Irving, Edward, to Ciba-Geigy Corporation. Photopolymerizable compositions containing diaryliodosyl salts. 4,518,676, 5-21-85, Cl. 430-280.000.

Irving, Edward, to Ciba-Geigy Corporation. Diaryliodosyl salts. 4,537,725, 8-27-85, Cl. 556-138.000.

Irving, Edward; and Smith, Terence J., to Ciba-Geigy Corporation. Image production utilizing multifunctional light sensitive compounds. 4,546,067, 10-8-85, Cl. 430-325.000.

Irving, Edward; and Smith, Terence J., to Ciba-Geigy Corporation. Process for the production of images using a heating step prior to imaging. 4,548,895, 10-22-85, Cl. 430-325.000.

Irving, Graeme N.: *See—*

Clarke, Terence A.; Edwards, Richard B.; and Irving, Graeme N., 4,517,107, Cl. 252-108.000.

Irving, William H.; and Factor, Arnold, to General Electric Company. Method for production of aryl substituted esters. 4,529,809, 7-16-85, Cl. 560-075.000.

Irwin, Charles; Devine, Janet; and Kramer, Richard, to Sonobond Ultrasonics, Inc. Ultrasonic cleaning apparatus. 4,501,285, 2-26-85, Cl. 134-58.00R.

Irwin, Clarence C., to General Motors Corporation. Hydraulic control system for vehicle. 4,497,503, 2-5-85, Cl. 280-335.000.

Irwin, Dennis V. Portable shelter. 4,554,937, 11-26-85, Cl. 135-100.000.

Irwin, Everett F. Rotary cylinder engines with pistons having balanced loads. 4,503,754, 3-12-85, Cl. 91-488.000.

Irwin, Everett F. Rotating cylinder external combustion engine. 4,531,360, 7-30-85, Cl. 60-39.630.

Irwin, Everett F., to Dynacycle Corporation. Low inertia and low friction rotating cylinder engine. 4,534,272, 8-13-85, Cl. 91-493.000.

Irwin, George W.; and Mumford, Eustace H., to Owens-Illinois, Inc. Cooling wind shut-off valve for glass forming mold. 4,512,792, 4-23-85, Cl. 65-161.000.

Irwin, Howard D. Measuring devices for watercraft. 4,528,846, 7-16-85, Cl. 73-182.000.

Irwin, J. Michael; and White, Jay P., to Irwin, J. Michael. Custom footbed support and method and apparatus for manufacturing same. 4,520,581, 6-4-85, Cl. 36-88.000.

Irwin, James S.: *See—*

Suarez, Jose I.; Irwin, James S.; and Shepherd, Wayne P., 4,559,505, Cl. 331-1.00A.

Irwin, John W., to International Business Machines Corporation. Reservo interval determination in an ink jet system. 4,496,954, 1-29-85, Cl. 346-1.100.

Irwin, Lawrence F. Foot switch safety enclosure. 4,496,811, 1-29-85, Cl. 200-86.500.

Irwin, Lawrence F. Locking coupling. 4,508,468, 4-2-85, Cl. 403-328.000.

Irwin, Lawrence F. Impact device. 4,542,543, 9-24-85, Cl. 4-255.000.

Irwin Magnetic Systems, Inc.: *See—*

Velazquez, Juan F., 4,498,129, Cl. 364-174.000.

Irwin Measuring Tool Inc.: *See—*

Cohen, Howard; and Pakus, Edward, 4,516,325, Cl. 33-138.000.

Irwin, Robert S., to Du Pont de Nemours, E. I., and Company. Optically anisotropic melt forming copolyesters. 4,496,712, 1-29-85, Cl. 528-191.000.

Irwin, Robert S., to Du Pont de Nemours, E. I., and Company. Optically anisotropic melt forming copolyesters. 4,499,259, 2-12-85, Cl. 528-190.000.

Irwin, Robert S.; and Logullo, Francis M., Sr., to Du Pont de Nemours, E. I., and Company. Optically anisotropic melt forming copolyesters. 4,500,699, 2-19-85, Cl. 528-128.000.

Isa, Hitoshi; Kaneko, Ryoichi; and Kashiwahara, Katsuto, to Hitachi, Ltd. Main steam inlet structure for steam turbine. 4,550,569, 11-5-85, Cl. 60-657.000.

Isaac, Olivier; and Pignolet, Louis, to Rexroth-Sigma. Hydraulic distributors. 4,520,845, 6-4-85, Cl. 137-624.270.

Isaac, Randall D.; and Ning, Tak H., to International Business Machines Corporation. Self-aligned bipolar transistor with inverted polycide base contact. 4,495,512, 1-22-85, Cl. 357-34.000.

Isaacs, Harold. Cart structure for stocking merchandise. 4,504,073, 3-12-85, Cl. 280-33.99A.

Isaacs, Michael S.; and Blacksberg, Richard. Inflatable assembly with edge closure. 4,560,360, 12-24-85, Cl. 446-222.000.

Isaacs, Michael S.: *See—*

Blacksberg, Richard; and Isaacs, Michael S., 4,547,168, Cl. 446-222.000.

Isaacs, Robert B., to Northern Telecom Limited. Connecting member for connecting two communications terminal units. 4,549,776, 10-29-85, Cl. 312-111.000.

Isaacson, Calvin: *See—*

Christensen, Carl W.; and Isaacson, Calvin, 4,530,896, Cl. 430-155.000.

Christensen, Carl W.; and Isaacson, Calvin, 4,544,619, Cl. 430-258.000.

Isaacson, Jerome C.: *See—*

Francis, Ralph M., Jr.; and Isaacson, Jerome C., 4,519,684, Cl. 354-145.100.

Isaacson, Milton S.: *See—*

Knight, John H.; and Isaacson, Milton S., 4,492,903, Cl. 318-341.000.

Isacoff, Eric G.; and Neely, James W., to Rohm and Haas Company. Trihalomethane precursor removal using ion exchange emulsions. 4,537,683, 8-27-85, Cl. 210-667.000.

Isaflex AG: *See—*

Helbling, Gottfried, 4,540,427, Cl. 71-27.000.

Isago, Terashi: *See—*

Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Isailovic, Jordan: *See—*

Dakin, Wayne R.; and Isailovic, Jordan, 4,499,502, Cl. 358-310.000.

Isaka, Akihiko, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Music box. 4,557,173, 12-10-85, Cl. 84-95.00R.

Isakov, Edmund, to Kennametal Inc. Two-prong rotary bit, especially for use with roof drills, and insert therefor. 4,550,791, 11-5-85, Cl. 175-410.000.

Isakozawa, Shigeto: *See—*

Shii, Kazuo; Kobayashi, Hiroyuki; Kubozoe, Morioki; and Isakozawa, Shigeto, 4,494,000, Cl. 250-311.000.

Isakson, John E., and Nutting, H. Eugene, to Western Gear Machinery Co. Apparatus and method for simultaneously tensioning pipes. 4,521,132, 6-4-85, Cl. 405-166.000.

Isaksson, Karl, to Akermans Verkstad AB. Joystick controller with improved motion control with plate having bevelled flat edges that correspond to planes of maneuverability. 4,533,899, 8-6-85, Cl. 338-128.000.

Isaksson, Rolf H. V.: *See—*

Flensburg, Carl G. A.; and Isaksson, Rolf H. V., 4,494,360, Cl. 53-528.000.

Isaman, David L.; Perloff, Ronald S.; and Tomlinson, Christopher J., to Burroughs Corporation. Method of efficiently and simultaneously transmitting both isochronous and nonisochronous data in a computer network. 4,549,292, 10-22-85, Cl. 370-89.000.

Isanta, Alberto P.: *See—*

Llauge, Joaquin R.; and Isanta, Alberto P., 4,522,225, Cl. 137-351.000.

Isayama, Katsuhiko; Hirose, Toshifumi, and Kawakubo, Fumio, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Curable composition. 4,543,403, 9-24-85, Cl. 526-263.000.

Isayama, Katsuhiko: *See—*

Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,496,611, Cl. 427-160.000.

Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,513,061, Cl. 428-429.000.

Mita, Tetsuo; Nakanishi, Hirotazu; Takase, Junji; Isayama, Katsuhiko; and Tani, Nobutaka, 4,507,469, Cl. 528-425.000.

Isayama, Takuro, to Ricoh Company, Ltd. Ink jet air removal system. 4,518,974, 5-21-85, Cl. 346-140.00R.

Isayama, Takuro: *See—*

Hirata, Shinichi; and Isayama, Takuro, 4,554,556, Cl. 346-49.000.

Horike, Masanori; Furukawa, Tatsuya; Sekiya, Takuro; Ebi, Yutaka; Isayama, Takuro; and Tachiki, Masaaki, 4,510,509, Cl. 346-140.00R.

Matsumoto, Shuzo; Isayama, Takuro; Yamazaki, Hiroshi; and Katano, Yasuo, 4,559,544, Cl. 346-140.00R.

Isbell, Benny R.; and Hicks, Joel T., to Isbell, Benny R. Method and apparatus for equilibrium drying of grain. 4,558,523, 12-17-85, Cl. 34-30.000.

Isbey, Edward K., Jr. Surgical kit. 4,501,363, 2-26-85, Cl. 206-570.000.

Isbister, Jenefir D.; and Doyle, Richard C., to Atlantic Research Corporation. Mutant microorganism and its use in removing organic sulfur compounds. 4,562,156, 12-31-85, Cl. 435-253.000.

Iscar Ltd.: *See—*

Pano, Joseph, 4,492,140, Cl. 83-839.000.

Pano, Joseph, 4,558,974, Cl. 407-50.000.

Porat, Reuven, 4,525,415, Cl. 428-216.000.

Porat, Reuven; and Nessel, Eliezer, 4,561,809, Cl. 407-114.000.

Satran, Amir; and Elka, Shmuel, 4,533,283, Cl. 407-111.000.

Ischen, Gunter: *See—*

Grunsky, Manfred; Sussmuth, Reiner; Dehn, Dieter; and Ischen, Gunter, 4,493,596, Cl. 408-233.000.

Grunsky, Manfred; Sussmuth, Reiner; and Ischen, Gunter, 4,511,294, Cl. 408-232.000.

ISCO, Inc.: *See—*

Allington, Robert W., 4,523,097, Cl. 250-458.100.

Allington, Robert W., 4,536,091, Cl. 356-435.000.

Tehrani, Abolghassem Y.; Jones, John N.; and Allington, Robert W., 4,545,904, Cl. 210-96.100.

Iscowitz, Sigmund: *See—*

Feinland, Raymond; and Iscowitz, Sigmund, 4,529,404, Cl. 8-406.000.

Ise Kagaku Kogyo Kabushiki Kaisha: *See—*

Kita, Kouji; Itakura, Kohei; and Mitsuhashi, Shigeo, 4,552,566, Cl. 23-313.00R.

Ise, Masahiro; Machino, Katsuyuki; Tanaka, Hidehiko; and Matsubara, Toshiyuki, to Sharp Kabushiki Kaisha. Transmitter/receiver circuit for signal transmission over power wiring. 4,517,548, 5-14-85, Cl. 340-310.00R.

Ise, Masahiro; Tanaka, Hidehiko; and Machino, Katsuyuki, to Sharp Kabushiki Kaisha. Data transmission system. 4,528,677, 7-9-85, Cl. 375-36.000.

Ise, Masahiro; Tanaka, Hidehiko; Machino, Katsuyuki; Matsubara, Toshiyuki; and Terasaka, Teiji, to Sharp Kabushiki Kaisha. Automatic receiver gain control in centralized monitor system. 4,554,532, 11-19-85, Cl. 340-501.000.

Ise, Yoji, to Myotoku Ltd. Flow regulating valve. 4,495,965, 1-29-85, Cl. 137-599.000.

Ise, Yoji, to Kabushiki Kaisha Myotoku. Vacuum generating device. 4,549,854, 10-29-85, Cl. 417-187.000.

Iseard, Barry S., to Anglo-American Research Ltd. Automatic watering system for batteries and fuel cells. 4,522,896, 6-11-85, Cl. 429-63.000.

Iseki & Co., Ltd.: *See—*

Igarashi, Takashi; Mukai, Nakashiro; and Otsuki, Haruki, 4,538,475, Cl. 74-368.000.

Nishihara, Tadao, 4,498,349, Cl. 74-5.200.

Nishihara, Tadao, 4,516,654, Cl. 180-255.000.

Semba, Hideo; Hori, Toshio; Sagawa, Noboru; and Nagano, Ryota, 4,528,867, Cl. 74-606.00R.

Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, to Mita Industrial Co., Ltd. Electrostatic copying apparatus. 4,555,173, 11-26-85, Cl. 355-3.00R.

Iseki, Masahide: *See—*

Kajita, Hiroshi; Nakajima, Tadanobu; and Iseki, Masahide, 4,502,779, Cl. 355-15.000.

Kajita, Hiroshi; Iseki, Masahide; Nakajima, Tadanobu; and Kawamori, Yoshizo, 4,530,598, Cl. 355-75.000.

Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.

Iseki, Takeo; Nuttall, Michael W.; Spring, Gorden; and Weiland, Herbert, to Tomy Kogyo Company, Incorporated. Toy having interchangeable game modules. 4,529,207, 7-16-85, Cl. 273-357.000.

Isele, Karl J., Jr.: *See—*

Davis, Kevin M.; Wahl, Timothy M.; Beckman, John A.; and Isele, Karl J., Jr., 4,509,727, Cl. 266-44.000.

Iseler, Kenneth A.; Connolly, Joseph D.; and Shah, Mayur S., to Budd Company, The. Thermosetting resin patching compound. 4,529,757, 7-16-85, Cl. 523-513.000.

Iseler, Kenneth A.; Guha, Probir K.; and Yen, Robert C., to Budd Company, The. Dual functional additive. 4,535,110, 8-13-85, Cl. 524-196.000.

Iseli, Jakob; and Pribnow, Hans-Hermann, to Inventio AG. Safety beading. 4,519,474, 5-28-85, Cl. 180-279.000.

Iseli, Robert W.; and Herman, Herbert. Thermally sprayable ceramics. 4,503,093, 3-5-85, Cl. 427-248.100.

Iseli, Robert W.; and Herman, Herbert. Thermally sprayable ceramics. 4,503,128, 3-5-85, Cl. 428-446.000.
Isem B.V.: *See—*
  De Vries, Jan W., 4,534,658, Cl. 366-287.000.
Isemann, Franz: *See—*
  Schwetz, Karl A.; Reinmuth, Klaus; Hunold, Klaus; and Isemann, Franz, 4,524,138, Cl. 501-90.000.
Isenberg, Arnold O.; Ruka, Roswell J.; and Zymboly, Gregory E., to Westinghouse Electric Corp. Protective interlayer for high temperature solid electrolyte electrochemical cells. 4,547,437, 10-15-85, Cl. 429-30.000.
Isenberg, Gerry E.; Forshey, Terry L.; and Keller, Robert D., Jr., to Sperry Corporation. Tundish cover for ductile iron treatment. 4,515,353, 5-7-85, Cl. 266-236.000.
Isermann, Rolf, to Centra-Burkle GmbH & Co. Heating apparatus. 4,523,714, 6-18-85, Cl. 236-46.00R.
Isernhagen, Fritz: *See—*
  Reinecke, Erich; and Isernhagen, Fritz, 4,524,850, Cl. 188-71.800.
Isert, Hugo. Guide bearing for a linear body. 4,547,025, 10-15-85, Cl. 308-6.00C.
Isett, Donald D.: *See—*
  Martell, Charles R.; Isett, Donald D.; and Abney, Paul A., 4,513,676, Cl. 112-262.100.
  Martell, Charles R.; Isett, Donald D.; and Treadwell, Stephen S., 4,548,143, Cl. 112-121.110.
  Treadwell, Stephen S.; and Isett, Donald D., 4,545,310, Cl. 112-121.110.
Isganitis, Louis V.: *See—*
  Barbetta, Angelo J.; Gruber, Robert J.; Isganitis, Louis V.; Law, Kock-Yee; Lin, John W.; Koch, Ronald J.; and Dunn, Steven T., 4,539,284, Cl. 430-110.000.
Isgar, Charles B.; and Isgar, Shirley K. Bag support system. 4,558,800, 12-17-85, Cl. 220-403.000.
Isgar, Charles B. Knowledge game apparatus and method and card caddy therefor. 4,558,865, 12-17-85, Cl. 273-148.00A.
Isgar, Shirley K.: *See—*
  Isgar, Charles B.; and Isgar, Shirley K., 4,558,800, Cl. 220-403.000.
Isham, Robert O.; and Reese, Wayne S. Van sofa bed. 4,512,048, 4-23-85, Cl. 5-37.00R.
Isherwood, David P.; and Younan, Hany R., to National Research Development Corporation. Impact testing machine. 4,546,654, 10-15-85, Cl. 73-844.000.
Ishiai, Hideyuki: *See—*
  Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-211.000.
Ishibane, Kyuhei: *See—*
  Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
Ishibashi, Akira: *See—*
  Hattori, Motonobu; Ishibashi, Akira; Ishida, Hiromi; and Nandoh, Kenji, 4,527,214, Cl. 361-96.000.
Ishibashi, Hiroe: *See—*
  Aihara, Hiroshi; Matumura, Akira; Takemura, Hiroshi; Kobashi, Rikiya; Satomi, Keisuke; and Ishibashi, Hiroe, 4,498,033, Cl. 318-261.000.
Ishibashi, Hiroshi: *See—*
  Ishii, Mitsuru; Akiyama, Seikichi; and Ishibashi, Hiroshi, 4,543,485, Cl. 250-487.100.
Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, to Toyo Seikan Kaisha, Ltd. Process for preparation of metal vessels. 4,508,481, 4-2-85, Cl. 413-1.000.
Ishibashi, Kazuhisa: *See—*
  Imatani, Tsuneo; Yasumuro, Hisakazu; Watanabe, Michio; Kurashima, Hideo; and Ishibashi, Kazuhisa, 4,536,243, Cl. 156-274.600.
  Itoh, Senji; Tanabashi, Toshifumi; and Ishibashi, Kazuhisa, 4,552,605, Cl. 156-273.300.
  Miyamatsu, Yasunori; Kaga, Yasuo; Aizawa, Masanori; Ishibashi, Kazuhisa; and Ueno, Hiroshi, 4,526,287, Cl. 220-260.000.
  Watanabe, Michio; Ishibashi, Kazuhisa; Yasumuro, Hisakazu; Kurashima, Hideo; and Imatani, Tsuneo, 4,560,430, Cl. 156-285.000.
Ishibashi, Kenzo: *See—*
  Suzuki, Takeomi; Ishibashi, Kenzo; and Hashimoto, Isamu, 4,547,676, Cl. 250-578.000.
Ishibashi, Kodo: *See—*
  Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, 4,517,096, Cl. 210-668.000.
Ishibashi, Kuniaki: *See—*
  Kojima, Takuo; and Ishibashi, Kuniaki, 4,523,806, Cl. 350-96.250.
Ishibashi, Masashi: *See—*
  Nakamura, Koichi; Ishibashi, Masashi; Kameda, Hideki; and Makiyo, Minoru, 4,555,422, Cl. 428-36.000.
Ishibashi, Masaya; and Tada, Atuki, to Pioneer Electronic Corporation. Disc playing system with continuous playing function. 4,538,253, 8-27-85, Cl. 369-34.000.
Ishibashi, Masaya; Tada, Atuki; and Kanda, Jun, to Pioneer Electronic Corporation. Disc playing system with continuous playing function. 4,539,663, 9-3-85, Cl. 369-34.000.
Ishibashi, Michiyasu: *See—*
  Gemma, Kazutoshi; and Ishibashi, Michiyasu, 4,499,536, Cl. 364-200.000.
  Kawabata, Masaru; Furukawa, Teruo; and Ishibashi, Michiyasu, 4,562,491, Cl. 360-51.000.
Ishibashi, Shizuka: *See—*
  Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, 4,549,117, Cl. 315-371.000.
Ishibashi, Tadao; and Kugimiya, Youichi, to Chisso Corporation. Polyolefin resin composition. 4,508,786, 4-2-85, Cl. 428-461.000.
Ishibashi, Tadashi: *See—*
  Ishida, Masahiko; Haga, Ryoichi; Ishibashi, Tadashi; and Odawara, Yoji, 4,491,522, Cl. 210-603.000.
  Shibuya, Yoshimichi; Takahashi, Masami; and Ishibashi, Tadashi, 4,540,242, Cl. 350-335.000.
Ishibashi, Takao: *See—*
  Nakano, Jiro; Ishibashi, Takao; Akatsuka, Takao; and Takata, Mamoru, 4,561,402, Cl. 123-489.000.
Ishibashi, Takashi: *See—*
  Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.
  Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, 4,542,395, Cl. 346-216.000.
  Samejima, Masayoshi; Hirata, Goichi; and Ishibashi, Takashi, 4,542,042, Cl. 427-213.360.
  Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,514,745, Cl. 346-216.000.
  Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,531,140, Cl. 346-209.000.
Ishibashi, Teruhiko, to Fuji Photo Film Co., Ltd. Sheet sub-stack separating and feeding apparatus. 4,551,053, 11-5-85, Cl. 414-114.000.
Ishibe, Nobuyuki; Thomas, Renard L.; and Tasset, Emmett L., to Dow Chemical Company, The. Preparation of an improved catalyst for the manufacture of naphthoquinone. 4,533,653, 8-6-85, Cl. 502-242.000.
Ishida, Akira: *See—*
  Okano, Masami; Tanaka, Akimasa; Suzuki, Takeshi; Ishida, Akira; and Miyazaki, Tatsuo, 4,531,039, Cl. 219-60.00R.
Ishida, Atsuo: *See—*
  Tsutsumi, Hisao; Inoue, Tomoko; and Ishida, Atsuo, 4,504,409, Cl. 252-351.000.
Ishida, Fumihiko: *See—*
  Ohta, Norio; Ando, Keikichi; Hosoe, Yuzuru; Sugita, Yutaka; and Ishida, Fumihiko, 4,532,180, Cl. 428-336.000.
Ishida, Hideaki, to Casio Computer Co., Ltd. Key data entry system for an electronic musical instrument. 4,499,807, 2-19-85, Cl. 84-1.030.
Ishida, Hideaki: *See—*
  Sakurai, Keiichi; Ishida, Hideaki; and Hanzawa, Kohtaro, 4,537,110, Cl. 84-1.260.
  Takenouchi, Hiroo; Ishida, Hideaki; and Hiyama, Kunio, 4,506,111, Cl. 179-2.00A.
Ishida, Hiromi: *See—*
  Hattori, Motonobu; Ishibashi, Akira; Ishida, Hiromi; and Nandoh, Kenji, 4,527,214, Cl. 361-96.000.
Ishida, Hiroshi; and Taniguchi, Mitsuyuki, to Fanuc Ltd. Motor speed detecting device. 4,551,662, 11-5-85, Cl. 318-316.000.
Ishida, Hiroshi; Fujioka, Yoshiki; and Ota, Naoto, to Fanuc Ltd. Induction motor drive apparatus. 4,558,269, 12-10-85, Cl. 318-811.000.
Ishida, Hiroshi; Fujioka, Yoshiki; and Ota, Naoto, to Fanuc Ltd. Speed detecting apparatus. 4,560,927, 12-24-85, Cl. 324-166.000.
Ishida, Hiroshi: *See—*
  Amemiya, Yoichi; Ishida, Hiroshi; Takekoshi, Yashitaka; and Ushiyama, Shigeyuki, 4,551,676, Cl. 324-208.000.
  Chono, Masazumi; and Ishida, Hiroshi, 4,537,757, Cl. 423-328.000.
  Kawada, Shigeki; and Ishida, Hiroshi, 4,518,916, Cl. 324-173.000.
  Yamawaki, Satoshi; Sugihara, Atsushi; Kobayashi, Yasushi; Ishida, Hiroshi; Kuramasu, Yukio; and Gotoh, Ichisei, 4,556,165, Cl. 228-223.000.
Ishida, Katsuhiko; Okimoto, Tomoyuki; and Okamoto, Tosaku, to Kanzaki Paper Manufacturing Co., Ltd. Multicolor record material. 4,529,992, 7-16-85, Cl. 346-204.000.
Ishida, Katsuhiko: *See—*
  Okamoto, Tosaku; Okimoto, Tomoyuki; and Ishida, Katsuhiko, 4,510,512, Cl. 346-209.000.
Ishida, Katsuyuki; and Ikeda, Naotaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Washing machine. 4,545,220, 10-8-85, Cl. 68-133.000.
Ishida, Kazuhiro: *See—*
  Etoh, Tadaaki; Yano, Ryuji; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,495,601, Cl. 365-1.000.
  Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.
  Yano, Ryuji; Chiba, Shinsaku; Yoshida, Kazutoshi; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,498,157, Cl. 365-10.000.
Ishida, Keiichi; Okumura, Junji; and Agetsuma, Fumio, to Aisin Seiki Kabushiki Kaisha. Thermopneumatic mechanism for opening and closing a radiator grille. 4,534,506, 8-13-85, Cl. 236-35.300.
Ishida, Kenichi; and Takahashi, Tetsuro, to Tsugami Corporation. Machining center. 4,510,668, 4-16-85, Cl. 29-561.000.
Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, to Pioneer Electronic Corporation. FM stereo demodulator. 4,497,063, 1-29-85, Cl. 381-7.000.

Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, to Pioneer Electronic Corporation. FM Stereo demodulator for demodulating stereo signals directly from an FM intermediate frequency signal. 4,502,148, 2-26-85, Cl. 381-7.000.

Ishida, Kohji; and Sakamoto, Masaharu, to Pioneer Electronic Corporation. Circuit having square-law transfer characteristic. 4,510,452, 4-9-85, Cl. 328-144.000.

Ishida, Kohji; Numata, Tatsuo; and Sakamoto, Masaharu, to Pioneer Electronic Corporation. FM receiver. 4,523,329, 6-11-85, Cl. 381-3.000.

Ishida, Kohji; Numata, Tatsuo; and Sakamoto, Masaharu, to Pioneer Electronic Corporation. FM stereo demodulating circuit. 4,539,697, 9-3-85, Cl. 381-7.000.

Ishida, Koji: *See—*

Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, 4,501,773, Cl. 427-213.000.

Ishida, Kozo; and Imaki, Takao, to Horiba, Ltd. Non-dispersive infrared analyzer. 4,514,635, 4-30-85, Cl. 250-343.000.

Ishida, Kozo: *See—*

Miyatake, Kimio; Ishida, Kozo; Ebi, Hiroyuki; and Shimada, Takeshi, 4,499,378, Cl. 250-343.000.

Ishida, Kunio; and Kaneko, Shinji, to Tokico Kabushiki Kaisha. Hydropneumatic spring. 4,544,144, 10-1-85, Cl. 267-64.150.

Ishida, Masaaki: *See—*

Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.

Miwa, Kiyoshi; Terabe, Mahito; Ishida, Masaaki; Matsui, Hiroshi; and Momose, Haruo, 4,560,654, Cl. 435-115.000.

Sugiyama, Hiroyuki; and Ishida, Masaaki, 4,506,602, Cl. 101-230.000.

Ishida, Masahiko; Haga, Ryoichi; Ishibashi, Tadashi; and Odawara, Yoji, to Agency of Industrial Science and Technology. Anaerobic digestion process for organic wastes. 4,491,522, 1-1-85, Cl. 210-603.000.

Ishida, Masahiko; and Haga, Ryoichi, to Agency of Industrial Science and Technology. Treating process of organic wastes. 4,522,721, 6-11-85, Cl. 210-603.000.

Ishida, Masahiko: *See—*

Haga, Ryoichi; Ishida, Masahiko; and Odawara, Yoji, 4,510,243, Cl. 435-167.000.

Ishida, Masato; and Takeda, Hiroaki, to Canon Kabushiki Kaisha. Image reproducing apparatus. 4,512,655, 4-23-85, Cl. 355-55.000.

Ishida, Masato: *See—*

Inuzuka, Tsuneki; Kawatsura, Yoshihiro; and Ishida, Masato, 4,538,902, Cl. 355-14.0FU.

Omaki, Takanobu; Nakamura, Akiyoshi; Ishida, Masato; and Matsushita, Shuzo, 4,561,748, Cl. 354-403.000.

Ishida, Masatoki: *See—*

Shimizu, Nobuyoshi; Fujimoto, Terunori; Inui, Tsuneo; and Ishida, Masatoki, 4,508,790, Cl. 428-632.000.

Ishida, Masayuki, to Mitsubishi Denki Kabushiki Kaisha. Address designating method of memory and apparatus therefor. 4,516,219, 5-7-85, Cl. 364-900.000.

Ishida, Matsuhiko; Asano, Masaru; Goto, Shigeru; and Sakurai, Takeshi, to Mitsubishi Denki Kabushiki Kaisha. Moving staircase. 4,557,369, 12-10-85, Cl. 198-333.000.

Ishida, Naobumi: *See—*

Micetich, Ronald G.; Yamabe, Shigeru; Hirata, Shoji; and Ishida, Naobumi, 4,496,484, Cl. 260-245.20R.

Micetich, Ronald G.; Yamabe, Shigeru; Yamazaki, Tomio; Ishida, Naobumi; and Ishizawa, Takeshi, 4,529,592, Cl. 424-114.000.

Micetich, Ronald G.; Yamabe, Shigeru; Tanaka, Motoaki; Kajitani, Makoto; Yamazaki, Tomio; and Ishida, Naobumi, 4,562,073, Cl. 424-114.000.

Micetich, Ronald J.; Yamabe, Shigeru; Ueda, Shuichi; Ishida, Naobumi; and Ishizawa, Takeshi, 4,507,239, Cl. 260-245.20R.

Ishida, Noboru: *See—*

Ito, Masaya; Mori, Seiji; and Ishida, Noboru, 4,557,704, Cl. 464-181.000.

Ishida, Satoshi: *See—*

Sakamoto, Teruhisa; Ishida, Satoshi; Hironaka, Toshio; and Tsutsumi, Yukihiro, 4,528,410, Cl. 568-897.000.

Ishida, Shigetoshi, to Tanaka Kogyo Company, Ltd. Ignition circuit for internal combustion engine having alternately operable high and low speed control devices. 4,509,496, 4-9-85, Cl. 123-651.000.

Ishida, Shinichi: *See—*

Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, 4,522,040, Cl. 62-419.000.

Ishida, Takashi; and Shida, Masaharu, to Seiko Instruments & Electronics Ltd. Analogue alarm electronic timepiece. 4,493,559, 1-15-85, Cl. 368-74.000.

Ishida, Takashi, to Nissan Motor Company, Limited. Supporting assembly for a suspension. 4,501,436, 2-26-85, Cl. 280-666.000.

Ishida, Takashi; Shimizu, Kenshi; and Kamiyama, Shuichi, to Mikuni Kogyo Co., Ltd. Rotating mechanism of throttle valve for fuel supply device of internal combustion engine. 4,548,176, 10-22-85, Cl. 123-342.000.

Ishida, Takashi: *See—*

Hori, Yoshimi; Ishida, Takashi; and Hayashi, Keizo, 4,493,632, Cl. 425-393.000.

Tominari, Noboru; and Ishida, Takashi, 4,524,745, Cl. 123-478.000.

Ishida, Takehisa, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus with serial weighing operations. 4,515,231, 5-7-85, Cl. 177-25.000.

Ishida, Takeshi; and Ishida, Yoshihiro. Injection molding instrument for forming resin concave lenses. 4,560,342, 12-24-85, Cl. 425-562.000.

Ishida, Tokuji, to Minolta Camera Kabushiki Kaisha. Exposure control device for flash photography. 4,497,562, 2-5-85, Cl. 354-416.000.

Ishida, Tokuji; and Hosomizu, Hiroshi, to Minolta Camera Kabushiki Kaisha. Camera flash light control circuitry. 4,542,975, 9-24-85, Cl. 354-416.000.

Ishida, Tokuji: *See—*

Nakai, Masaaki; Sahara, Masayoshi; Hosomizu, Hiroshi; and Ishida, Tokuji, 4,496,230, Cl. 354-416.000.

Ishida, Tokuzi; and Aono, Kiyotaka, to Suzuki Jidosha Kogyo Kabushiki Kaisha. Intake port structure for internal combustion engines. 4,520,776, 6-4-85, Cl. 123-308.000.

Ishida, Tomio: *See—*

Nakahara, Mitsuharu; Ishida, Tomio; Honjo, Norifumi; and Yoshida, Yoshitaka, 4,516,537, Cl. 123-48.0AA.

Ishida, Toshihiko: *See—*

Nunokawa, Eiichi; Ishida, Toshihiko; and Ohira, Yasuo, 4,511,099, Cl. 242-71.800.

Okamura, Masatoshi; and Ishida, Toshihiko, 4,546,936, Cl. 242-198.000.

Ishida, Tsuyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Detecting device for detecting a magnetic strip embedded in a sheet. 4,518,919, 5-21-85, Cl. 324-228.000.

Ishida, Tsuyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Detecting device having spaced transmitting and receiving coils for detecting a metal strip embedded in paper money. 4,536,709, 8-20-85, Cl. 324-239.000.

Ishida, Tsuyoshi: *See—*

Ohtombe, Ko; Ishida, Tsuyoshi; Osawa, Hideo; and Nagahashi, Kenji, 4,547,896, Cl. 382-7.000.

Ishida, Yasuhiko; Mori, Taiichi; Hikita, Shigeyuki; and Horiba, Tamotsu, to Toyota Jidosha Kabushiki Kaisha; and Kabushiki Kaisha Tokai Rika Denki Seisakusho. Exhaust gas cleaning device for diesel engines. 4,548,625, 10-22-85, Cl. 55-282.000.

Ishida, Yasuhiko: *See—*

Oishi, Kiyohiko; Ishida, Yasuhiko; and Takama, Kenichirou, 4,538,412, Cl. 60-288.000.

Ishida, Yasutaka: *See—*

Osawa, Hiroyuki; and Ishida, Yasutaka, 4,493,513, Cl. 384-533.000.

Ishida, Yoich, to Honda Giken Kogyo Kabushiki Kaisha. Oil lash adjuster. 4,541,373, 9-17-85, Cl. 123-90.550.

Ishida, Yoshiaki: *See—*

Karino, Saburo; and Ishida, Yoshiaki, 4,515,737, Cl. 264-22.000.

Ishida, Yoshihiro: *See—*

Ishida, Takeshi; and Ishida, Yoshihiro, 4,560,342, Cl. 425-562.000.

Ishida, Yukinori: *See—*

Negishi, Yukiyasu; Ishida, Yukinori; Saito, Yasunori; and Tanaka, Shigeru, 4,491,386, Cl. 350-96.230.

Ishido, Takao; Nakao, Masasi; Honya, Takao; and Mizuno, Yukio, to Nissan Motor Company, Limited. Heald assembly of loom. 4,519,424, 5-28-85, Cl. 139-91.000.

Ishido, Takatsugu; and Horikawa, Takeshi, to Daicel Chemical Industries, Ltd. Process for preparing polyester elastomers. 4,521,571, 6-4-85, Cl. 525-437.000.

Ishidoshiro, Hiroshi: *See—*

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,495,783, Cl. 68-5.00D.

Sando, Yoshikazu; Nakano, Eiichi; and Ishidoshiro, Hiroshi, 4,500,318, Cl. 8-111.000.

Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,507,539, Cl. 219-121.0PY.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,517,818, Cl. 68-5.00E.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,528,708, Cl. 8-149.100.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,529,128, Cl. 239-138.000.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,533,147, Cl. 277-26.000.

Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,550,578, Cl. 68-5.00E.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,557,006, Cl. 8-149.100.

Ishigaki, Isao; Sugo, Takanobu; and Okamoto, Jiro, to Japan Atomic Energy Research Institute. Ion exchange membrane and process for producing the same. 4,539,277, 9-3-85, Cl. 429-249.000.

Ishigaki Kiko Co., Ltd.: *See—*

Iwatani, Akitoshi, 4,511,469, Cl. 210-225.000.

Noda, Ichiro; Suekane, Yasuhiro; and Nakao, Hisao, 4,512,889, Cl. 210-225.000.

Ishigaki, Kunio: *See—*

Ogawa, Masashi; Ishigaki, Kunio; Iwasaki, Nobuyuki; and Nakamura, Taku, 4,508,818, Cl. 430-523.000.

Ishigaki, Masahiro: *See—*

Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, 4,491,429, Cl. 384-221.000.

Ishigaki, Yukinobu, to Victor Company of Japan, Ltd. Circuit arrangement for deriving a level control signal using silicon diodes. 4,495,428, 1-22-85, Cl. 307-490.000.

Ishigaki, Yukinobu, to Victor Company of Japan, Ltd. Circuit arrangement for reconstructing noise-affected signals. 4,517,518, 5-14-85, Cl. 328-165.000.

Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, to Victor Company of Japan, Ltd. Impulse noise reduction by linear interpolation having immunity to white noise. 4,531,095, 7-23-85, Cl. 328-165.000.

Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, to Victor Company of Japan, Ltd. Impulse noise reduction by linear interpolation having a deemphasis characteristic. 4,532,475, 7-30-85, Cl. 328-165.000.

Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, to Victor Company of Japan, Ltd. Noise reduction by linear interpolation using a dual function amplifier circuit. 4,539,527, 9-3-85, Cl. 330-149.000.

Ishigami, Kazuhiro; Furuhashi, Shoji; and Yuzawa, Haruo, to Nissan Motor Company, Limited. Engine vibration transmission structure. 4,517,945, 5-21-85, Cl. 123-425.000.

Ishigami, Michifumi: *See*—

Kako, Mitumasa; and Ishigami, Michifumi, 4,516,508, Cl. 108-7.000.

Ishigami, Shinji: *See*—

Kizawa, Rikiichi; and Ishigami, Shinji, 4,562,078, Cl. 426-52.000.

Ishigami, Sumiyuki; and Sato, Mitsuru, to Tokyo Denpa Kabushiki Kaisha; and Kabushiki Kaisha Goto Seisakusho. Quartz unit. 4,550,475, 11-5-85, Cl. 29-25.350.

Ishigami, Yoshihisa; Hashimota, Yasumasa; Kitado, Tadaharu; Nishimura, Hiromi; and Mori, Tetsuo, to Matsushita Electric Works, Ltd. Current detecting apparatus. 4,513,339, 4-23-85, Cl. 361-45.000.

Ishige, Kanji: *See*—

Nakagawa, Yasuo; Oshida, Yoshitada; and Ishige, Kanji, 4,553,844, Cl. 356-376.000.

Ishige, Ryohei, to Hitachi, Ltd. Container storage shed installation. 4,549,841, 10-29-85, Cl. 414-282.000.

Ishige, Sadao: *See*—

Iwakura, Ken; and Ishige, Sadao, 4,535,348, Cl. 346-221.000.

Ishige, Yoshiki: *See*—

Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, 4,505,774, Cl. 156-499.000.

Ishigo, Hideyasu: *See*—

Hattori, Motoichi; and Ishigo, Hideyasu, 4,514,593, Cl. 179-2.00A.

Ishiguchi, Koji: *See*—

Tanibuchi, Teruo; Ishiguchi, Koji; and Yamamoto, Shinji, 4,535,119, Cl. 524-496.000.

Ishigure, Masao; Ota, Mitsuo; Takaoka, Naotoshi; and Kudomi, Mitsuharu, to Takamatsu Electric Works, Ltd. Overcurrent condition display. 4,559,530, 12-17-85, Cl. 340-664.000.

Ishiguri, Yukio: *See*—

Kohsaka, Hideo; Sasaki, Mitsuru; and Ishiguri, Yukio, 4,522,817, Cl. 514-95.000.

Kohsaka, Hideo; Mitsuru, Sasaki; and Ishiguri, Yukio, 4,522,942, Cl. 514-95.000.

Sasaki, Mitsuru; and Ishiguri, Yukio, 4,544,652, Cl. 514-127.000.

Sasaki, Mitsuru; and Ishiguri, Yukio, 4,554,111, Cl. 260-502.40R.

Ishiguro, Fujio, to NGK Insulators, Ltd. Electrochemical cell and method of producing the same. 4,530,751, 7-23-85, Cl. 204-424.000.

Ishiguro, Fumio, to Hoshizaki Electric Co., Ltd. Ice product making machine. 4,555,913, 12-3-85, Cl. 62-347.000.

Ishiguro, Kuniaki: *See*—

Matsui, Toshio; Doi, Yasuhiro; Kinoshita, Keichi; and Ishiguro, Kuniaki, 4,548,403, Cl. 271-296.000.

Ishiguro, Mamoru; Matsuyama, Atsao; and Yamamura, Kazumasa, to Sony Corporation. Editing control method and apparatus for video tape recorders. 4,507,691, 3-26-85, Cl. 360-14.300.

Ishiguro, Mamoru; and Enomoto, Mitsutaka, to Sony Corporation. Editing control system. 4,528,600, 7-9-85, Cl. 360-14.100.

Ishiguro, Mamoru: *See*—

Gohda, Seiichi; and Ishiguro, Mamoru, 4,499,509, Cl. 360-72.100.

Ishiguro, Minoru: *See*—

Asano, Seiji; Kagechika, Takashi; and Ishiguro, Minoru, 4,505,568, Cl. 354-458.000.

Ishiguro, Shoji; Mifune, Hiroyuki; Fuseya, Yoshiharu; and Kojima, Tetsuro, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials. 4,528,264, 7-9-85, Cl. 430-609.000.

Ishiguro, Tomihiro: *See*—

Kobayashi, Hisamine; Ishiguro, Tomihiro; and Murata, Akio, 4,517,771, Cl. 51-163.200.

Ishiguro, Yasuo: *See*—

Nakamori, Masao; and Ishiguro, Yasuo, 4,502,769, Cl. 354-152.000.

Ishiguro, Yoshinori: *See*—

Nakashima, Noriyuki; and Ishiguro, Yoshinori, 4,506,909, Cl. 280-707.000.

Ishihaa Chemical Co., Ltd.: *See*—

Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.

Ishihama, Hiroshi: *See*—

Umezawa, Hamao; Oono, Masaji; Ishihama, Hiroshi; Kyotani, Yoshinori; and Takahashi, Yoshio, 4,511,509, Cl. 260-239.00A.

Ishihama, Masao: *See*—

Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,531,484, Cl. 123-192.00R.

Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,537,275, Cl. 180-300.000.

Ishihara, Atsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Positioning servo circuit for a disk system. 4,513,406, 4-23-85, Cl. 369-32.000.

Ishihara, Atsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotatable memory disk apparatus. 4,530,083, 7-16-85, Cl. 369-267.000.

Ishihara, Atsushi: *See*—

Kimoto, Katsumi; and Ishihara, Atsushi, 4,519,056, Cl. 369-43.000.

Ishihara, Hideaki: *See*—

Kurita, Kazuo; and Ishihara, Hideaki, 4,496,630, Cl. 428-364.000.

Kurita, Kazuo; and Ishihara, Hideaki, 4,504,545, Cl. 428-364.000.

Ishihara, Hideo: *See*—

Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, 4,537,530, Cl. 405-160.000.

Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Suzuki, Shizuo; Sirasaki, Yuichi; and Asakawa, Kenichi, 4,540,942, Cl. 324-326.000.

Ishihara, Hiroyuki, to Nippon Electric Co., Ltd. Microwave integrated circuit frequency converter. 4,531,236, 7-23-85, Cl. 455-302.000.

Ishihara, Joo: *See*—

Aihara, Katsuzo; Tada, Naofumi; Suzuki, Yasuo; Ishihara, Joo; and Ogawa, Toshio, 4,560,404, Cl. 75-0.50C.

Ishihara, Kenichi; and Matsumoto, Fumio, to Yimato Mishin Seizo Kabushi Kaisha. Upper feed dog automatic regulator for overlock machine. 4,503,794, 3-12-85, Cl. 112-313.000.

Ishihara, Koji: *See*—

Maeda, Masanori; Ishihara, Koji; and Ikebata, Tetsuo, 4,553,019, Cl. 219-146.220.

Ishihara, Makoto: *See*—

Hattori, Yoshiaki; and Ishihara, Makoto, 4,552329, Cl. 249-134.000.

Ishihara, Masahiro; Watanabe, Mitsuru; Ohkava, Shuji; Taguchi, Shunichi; and Kikuchi, Itsuo, to Hitachi Heating Appliances Co., Ltd. Heating apparatus of thawing sensor controlled type. 4,520,250, 5-28-85, Cl. 219-10.55B.

Ishihara, Masamichi: *See*—

Ouchi, Yoshiaki; Ishihara, Masamichi; Matsumoto, Tetsuro; and Miyazawa, Kazuyuki, 4,562,555, Cl. 365-231.000.

Ishihara, Mitsugu, to Sony Corporation. Tape speed control apparatus. 4,542,424, 9-17-85, Cl. 360-73.000.

Ishihara, Naoki. Hand held hot air dryer with retractable cord. 4,528,440, 7-9-85, Cl. 219-370.000.

Ishihara, Noboru: *See*—

Akazawa, Yukio; Ishihara, Noboru; and Ohara Mamoru, 4,542,350, Cl. 330-293.000.

Ishihara, Osamu, to Mitsubishi Denki Kabushiki Kaisha. Microwave ground shield structure. 4,513,266, 4-23-85, Cl. 333-238.000.

Ishihara Sangyo Kaisha, Ltd.: *See*—

Haga, Takahiro; Koyanagi, Tohru; Nakajima, Toshio; and Ohshima, Takeshi, 4,504,665, Cl. 546-318.000.

Honma, Ichiro; Koyama, Arata; Amano, Masatoshi; and Takumi, Nobusuke, 4,551,327, Cl. 423-594.000.

Kimura, Fumio; and Haga, Takahiro, 4,493,770, Cl. 71-94.000.

Miyazawa, Kokichi; Nakata, Kazuo; Ishikawa, Tsuneo; Honma, Ichiro; Hirai, Masaharu; Ogasawara, Makoto; and Kawamura, Toshihiko, 4,501,774, Cl. 427-215.000.

Nakata, Kazuo; Maruo, Masatsuyo; and Asano Kiyoshi, 4,539,261, Cl. 428-403.000.

Nakata, Kazuo; Ishikawa, Tsuneo; Arimoto, Taro; and Kawamura, Toshihiko, 4,560,544, Cl. 423-256.000.

Nishiyama, Ryuzo; Fujikawa, Kanichi; Yokomichi, Isao; Haga, Takahiro; Nagatani, Kuniaki; and Hayashi, Kouji, 4,546,191, Cl. 546-303.000.

Takahata, Kei; Murasawa, Sadao; Ichida, Hiroshi; Okada, Mizuho; and Nakayama, Takao, 4,525,441, Cl. 430-60.000.

Ishihara, Shin-ichiro; Hirao, Takashi; Mori, Koshiro; and Mochizuki, Motonori, to Matsushita Electric Industrial Co., Ltd. Method of making photovoltaic device. 4,492,605, 1-8-85, Cl. 148-174.000.

Ishihara, Shoichi; Yoneno, Hiroshi; and Yamamoto, Ryoichi, to Matsushita Electric Industrial Co., Ltd. Composite thermal insulator. 4,492,725, 1-8-85, Cl. 428-69.000.

Ishihara, Shoichi: *See*—

Kitao, Teijiro; Setsune, Jun-ichiro; Ishihara, Shoichi; and Yamamoto, Ryoichi, 4,497,724, Cl. 252-70.000.

Ishihara, Shunichi: *See*—

Ito, Michio; Kitajima, Nobuo; Kasai, Masanao and Ishihara, Shunichi, 4,551,003, Cl. 355-3.00R.

Ishihara, Tomoo: *See*—

Hamada, Tooru; Tanaka, Hirohisa; and Ishihara, Tomoo, 4,527,679, Cl. 192-3.580.

Ishihara, Toshikazu: *See*—

Sugimoto, Gunji; Arakawa, Hideo; Ishihara, Toshikazu; Sugiura, Masahiro; and Takahashi, Katsuhiko, 4,495560, Cl. 364-154.000.

Ishihara, Toshinobu: *See*—

Takamizawa, Minoru; Yamamoto, Akira; Ishihara, Toshinobu; and Ohshima, Mistuyoshi, 4,539,417, Cl. 556-435.000.

Yamamoto, Akira; and Ishihara, Toshinobu, 4,529,825, Cl. 568-903.000.

Ishihara, Toshiro: *See*—

Kobayashi, Hisamine; and Ishihara, Toshiro, 4,505,072, Cl. 51-164.200.

Ishihara, Tuneo; and Uchida, Masayosi, to Honda Giken Kogyo Kabushiki Kaisha. Multi-mold molding apparatus for producing a molded skin product. 4,519,762, 5-28-85, Cl. 425-183.000.

Ishihara, Yasuo; Oda, Eiji; and Teranishi, Nobukazu, to Nippon Electric Co., Ltd. Semiconductor photoelectric converter making excessive charges flow vertically. 4,527,182, 7-2-85, Cl. 357-24.000.

Ishihara, Yoshihisa, to Japan Medical Supply Co., Ltd. Tubage used for intubation. 4,493,707, 1-15-85, Cl. 604-164.000.

Ishii, Akihiko: *See*—

Kubo, Akira; Ishii, Akihiko; Nishizaki, Ken and Saito, Tomoharu, 4,499,225, Cl. 524-276.000.

Ishii, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Pressure transducer. 4,519,255, 5-28-85, Cl. 73-727.000.

Ishii, Daisuke: *See*—

Nagata, Koichi; and Ishii, Daisuke, 4,491,978, Cl. 455-338.000.

Ishii, Fumiaki; Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Takamura, Koji; and Nakamura, Takeaki, to Olympus Optical Co., Ltd. Method of cleaning endoscope channels. 4,526,623, 7-2-85, Cl. 134-21.000.
Ishii, Fumiaki, to Olympus Optical Co., Ltd. Connector device for checking leakage in an airtight endoscope. 4,527,551, 7-9-85, Cl. 128-4.000.
Ishii, Fumiaki, to Olympus Optical Co., Ltd. Connecting device. 4,538,593, 9-3-85, Cl. 128-4.000.
Ishii, Fumiaki: *See*—
  Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Ishii, Fumiaki; Takamura, Koji; and Nakamura, Takeaki, 4,525,220, Cl. 134-21.000.
  Takamura, Koji; Ishii, Fumiaki; Nakajima, Yukio; Yabe, Hisao; Sasa, Hiroyuki; and Nakamura, Takeaki. 4,526,622, Cl. 134-21.000.
Ishii, Fumio: *See*—
  Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori, 4,532,202, Cl. 430-552.000.
Ishii, Hakumi: *See*—
  Kurusu, Toshiro; and Ishii, Hakumi, 4,538,477, Cl. 74-493.000.
  Sato, Hiroki; Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,538,478, Cl. 74-493.000.
  Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,530,254, Cl. 74-493.000.
Ishii, Hiroshi, to Casio Computer Co., Ltd. Electronic musical instrument for reading out and performing musical tone data previously stored. 4,522,100, 6-11-85, Cl. 84-1.030.
Ishii, Hiroshi: *See*—
  Kawamura, Yoshikazu; Hosokawa, Minoru; Okazaki, Sakiho; and Ishii, Hiroshi, 4,522,507, Cl. 368-157.000.
Ishii, Hisao: *See*—
  Nomura, Yoshiyuki; Okuda, Kanemasa; and Ishii, Hisao, 4,544,819, Cl. 219-69.00W.
Ishii, Jiro: *See*—
  Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
Ishii, Katsuyoshi; Kobori, Michio; and Morimoto, Seiichi, to Sanwa Shoji Co., Ltd. Determination of sulfurous acid in liquids and an apparatus therefor. 4,554,255, 11-19-85, Cl. 436-102.000.
Ishii, Kazumi: *See*—
  Kamogawa, Ninichi; Ueno, Kenji; and Ishii, Kazumi, 4,542,977, Cl. 355-3.0CH.
Ishii, Keizou: *See*—
  Kanda, Kazunori; Ishii, Keizou; Kida, Katsuaki; Ishikura, Shinichi; and Mizuguchi, Ryuzo, 4,530,946, Cl. 523-418.000.
Ishii, Kenji: *See*—
  Yasukawa, Makoto; and Ishii, Kenji, 4,528,555, Cl. 340-630.000.
Ishii, Kenjiro: *See*—
  Nakatani, Keiji; Yamagishi, Seiichi; and Ishii, Kenjiro, 4,524,315, Cl. 318-603.000.
Ishii, Kenzo: *See*—
  Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.
  Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.
Ishii, Kinichi; and Araki, Yoshiharu, to Kabushiki Kaisha Johnan Seisakusho. Wire-type door window regulator for an automotive vehicle. 4,494,336, 1-22-85, Cl. 49-352.000.
Ishii, Kiyoshi; Murai, Masataka; and Yonekawa, Hitoshi, to Daicel Chemical Industries, Ltd. Semipermeable membrane elements. 4,500,426, 2-19-85, Cl. 210-321.300.
Ishii, Kiyoshi: *See*—
  Ikezaki, Katsuji; and Ishii, Kiyoshi, 4,533,370, Cl. 55-276.000.
Ishii, Koji, to Ryobi Limited. Plate holding devices for offset duplicator. 4,502,388, 3-5-85, Cl. 101-415.100.
Ishii, Kunihiko: *See*—
  Shibukawa, Mitsuru; Shibuya, Chisei; and Ishii, Kunihiko, 4,556,651, Cl. 514-191.000.
Ishii, Masami; Arai, Fuminao; Hattori, Noriaki; and Mita, Junichi, to Aisin Seiki Kabushiki Kaisha. Method of fabricating piston by welding. 4,553,015, 11-12-85, Cl. 219-121.0ED.
Ishii, Mikio; Iiyama, Kazunobu; and Yazaki, Tomoyoshi, to Nakamuraya Co., Ltd. Pasty mass of a processed tuber and an edible outer cover and method for making the same. 4,520,034, 5-28-85, Cl. 426-96.000.
Ishii, Mitsuo: *See*—
  Sawatani, Tadashi; Ishii, Mitsuo; Yoshimura, Hirofumi; and Harase, Jirou, 4,515,644, Cl. 148-12.0EA.
  Washo, Junichi; Miyazaki, Takaaki; Ishii, Mitsuo; Nakayama, Muneo; Hashimoto, Akira; and Nishimura, Toshihiro, 4,527,865, Cl. 350-357.000.
Ishii, Mitsuru; Akiyama, Seikichi; and Ishibashi, Hiroshi, to Hitachi Chemical Company, Ltd. Scintillator for radiation detection and process for producing the same. 4,543,485, 9-24-85, Cl. 250-487.100.
Ishii, Morio: *See*—
  Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
Ishii, Nobuyoshi; and Yamada, Yukihiko, to Kyodo Electric Co., Ltd. Multi-headed screw. 4,504,180, 3-12-85, Cl. 411-5.000.
Ishii, Norihisa: *See*—
  Miura, Nobuo; and Ishii, Norihisa, 4,491,121, Cl. 123-631.000.
  Miura, Nobuo; and Ishii, Norihisa, 4,516,554, Cl. 123-418.000.
Ishii, Norio: *See*—
  Sato, Hiroshi; Ishii, Norio; and Nakamura, Shyuzo, 4,499,321, Cl. 585-486.000.
Ishii, Osamu; Yoshimura, Fumikatsu; and Hatakeyama, Iwao, to Nippon Telegraph & Telephone Public Corporation. Iron oxide magnetic film and process for fabrication thereof. 4,544,612, 10-1-85, Cl. 428-692.000.
Ishii, Ryutaro; and Ogawa, Yuichiro, to Bridgestone Tire Company Limited. Rolled sheet paying out transfer apparatus. 4,540,131, 9-10-85, Cl. 242-55.000.
Ishii, Sadamu: *See*—
  Furutaka, Yasuhisa; and Ishii, Sadamu, 4,493,800, Cl. 260-465.00D.
  Misaki, Susumu; Ishii, Sadamu; and Suefuji, Masahiro, 4,524,032, Cl. 260-465.00F.
Ishii, Satoshi, to Pioneer Electronic Corporation. Power supply circuit for amplifier. 4,518,928, 5-21-85, Cl. 330-297.000.
Ishii, Satoshi, to Pioneer Electronic Corporation. Power amplifier having improved power supply circuit. 4,520,322, 5-28-85, Cl. 330-263.000.
Ishii, Satoshi: *See*—
  Ozawa, Akio; Sueyoshi, Susumu; Sato, Keishi; Ishikawa, Kikuo; Yatsuhashi, Kiyomi; Ishii, Satoshi; and Yumino, Masamichi, 4,540,951, Cl. 330-267.000.
Ishii, Shigeru: *See*—
  Ozawa, Kiyomi; and Ishii, Shigeru, 4,499,275, Cl. 546-298.000.
  Ozawa, Kiyomi; Nakajima, Yasuyuki; Tsugeno, Makoto; Ishii, Shigeru; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,540,706, Cl. 514-403.000.
Ishii, Shinichi: *See*—
  Someno, Tetsuya; Kato, Kazuo; Saino, Tetsushi; Ishii, Shinichi; Takeuchi, Tomio; and Umezawa, Hamao, 4,525,465, Cl. 502-7.000.
Ishii, Shinzo: *See*—
  Katsumata, Hideo; Katsumata, Shigeo; Ishii, Shinzo; and Arai, Yuko, 4,560,661, Cl. 435-183.000.
Ishii, Sugao; Itou, Susumu; Kawamura, Mikio; and Tsukamoto, Tadashi, to Kawasaki Steel Corporation. Method of handling slabs by an overhead traveling crane provided with a slab grip lifter. 4,496,063, 1-29-85, Cl. 212-270.000.
Ishii, Susumu, to Yoshida Kogyo K.K. Slider for slide fastener. 4,525,903, 7-2-85, Cl. 24-429.000.
Ishii, Taiji; and Tarutani, Takashi, to Dai Nippon Insatsu Kabushiki Kaisha. Resinous flooring sheet. 4,505,968, 3-19-85, Cl. 428-172.000.
Ishii, Takahiko: *See*—
  Asari, Akira; Inoue, Yoichi; and Ishii, Takahiko, 4,491,302, Cl. 266-87.000.
Ishii, Takahito; Yamashita, Kazuo; and Uno, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Latent heat storage device. 4,535,837, 8-20-85, Cl. 165-104.170.
Ishii, Takashi. Three-tape type zipper. 4,492,006, 1-8-85, Cl. 24-382.000.
Ishii, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Cathode-ray tube for color display with separate fluorescent layer. 4,540,913, 9-10-85, Cl. 313-466.000.
Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, to Sumitomo Chemical Company, Limited. Stabilizers for synthetic resins. 4,507,417, 3-26-85, Cl. 524-101.000.
Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, to Sumitomo Chemical Company, Limited. Stabilizers for synthetic resins. 4,511,491, 4-16-85, Cl. 252-404.000.
Ishii, Tamaki: *See*—
  Takahashi, Yukoh; Yachigo, Shinichi; and Ishii, Tamaki, 4,539,355, Cl. 524-131.000.
  Takahashi, Yukoh; Terada, Yutaka; Yachigo, Shinichi; and Ishii, Tamaki, 4,562,281, Cl. 560-104.000.
  Yachigo, Shinichi; Ishii, Tamaki; Takahashi, Yukoh; and Terada, Yutaka, 4,525,514, Cl. 524-291.000.
Ishii, Tetsuo, to Mitsubishi Denki Kabushiki Kaisha. Power supply system. 4,539,487, 9-3-85, Cl. 307-44.000.
Ishii, Thomas K.; and Jorgensen, Jorgen A., to Northland Aluminum Products, Inc. Cavity antenna microwave powered turntable. 4,517,432, 5-14-85, Cl. 219-10.55F.
Ishii, Toshio; and Sugiura, Noboru, to Hitachi, Ltd. Apparatus for controlling ignition timing for internal combustion engines. 4,513,718, 4-30-85, Cl. 123-425.000.
Ishii, Toshio: *See*—
  Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, 4,523,284, Cl. 364-431.120.
  Tabuchi, Kenji; Shida, Masami; and Ishii, Toshio, 4,498,444, Cl. 123-478.000.
Ishii, Toshiyuki: *See*—
  Kutsuwa, Yoshikazu; Kitahara, Kouji; and Ishii, Toshiyuki, 4,526,707, Cl. 252-511.000.
Ishii, Tsuneji; Ito, Hiroaki; and Ishikawa, Takamichi, to Asahi Glass Company Ltd. Ion exchange membrane manufacture for electrolytic cell. 4,496,451, 1-29-85, Cl. 204-252.000.
Ishii, Tsuneji: *See*—
  Asawa, Tatsuro; Ishii, Tsuneji; and Gunjima, Tomoki, 4,528,058, Cl. 156-306.600.

Ishii, Tsutomu: *See—*

Takahara, Takeshi; Ishii, Tsutomu; and Shirakawa, Yasuhiro, 4,515,706, Cl. 252-301.40H.

Ishii, Tutomu: *See—*

Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, 4,552,894, Cl. 514-464.000.

Ishii, Yasuhisa: *See—*

Higuchi, Masao; Uno, Shuzo; Ishii, Yasuhisa; Makino, Kazuhiro; and Okasaka, Kenichi, 4,531,647, Cl. 212-147.000.

Ishii, Yasuo, to United States Gypsum Company. Apparatus for forming embossed acoustical tile. 4,530,653, 7-23-85, Cl. 425-363.000.

Ishii, Yoshinori: *See—*

Kobayashi, Susumu; Muramoto, Yutaka; Ishizaka, Hideo; and Ishii, Yoshinori, 4,556,837, Cl. 320-2.000.

Ishii, Yoshiya; Hachitani, Shuji; and Tanaka, Yasushi, to Nippondenso Co., Ltd. Electric governor. 4,495,914, 1-29-85, Cl. 123-357.000.

Ishii, Yoshiyasu: *See—*

Nakao, Shinroku; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,500,133, Cl. 297-131.000.

Nakao, Shinroku; Saito, Hideo; Kato, Hitoshi; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,538,830, Cl. 280-647.000.

Ishii, Yutaka; Minezaki, Shigehiro; Kozaki, Shuichi; and Funada, Fumiaki, to Sharp Kabushiki Kaisha. Liquid crystal composition and liquid crystal display device. 4,528,115, 7-9-85, Cl. 252-299.630.

Ishii, Yutaka; Funada, Fumiaki; Takamatsu, Toshiaki; and Tomio, Wada, to Sharp Kabushiki Kaisha. Liquid crystal display devices. 4,553,821, 11-19-85, Cl. 350-339.00R.

Ishii, Yutaka: *See—*

Kozaki, Shuichi; Ishii, Yutaka; and Funada, Fumiaki, 4,552,436, Cl. 350-337.000.

Takamatsu, Toshiaki; Funada, Fumiaki; Ishii, Yutaka; and Wada, Tomio, 4,536,060, Cl. 350-343.000.

Ishijima, Koji: *See—*

Asami, Kazutomo; Wada, Fumio; Ishijima, Koji; and Sato, Yutaka, 4,518,330, Cl. 418-63.000.

Hirahara, Takuho; Sano, Fumiaki; Ishijima, Koji; Kawaguchi, Susumu; and Nakane, Kazuhiro, 4,560,329, Cl. 418-47.000.

Ishikawa, Akibumi: *See—*

Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.

Ishikawa, Chuji; Iwasaki, Kyuhachiro; Horike, Masanori; and Komai, Hiromichi, to Ricoh Company, Ltd. Ink jet head assembly. 4,520,367, 5-28-85, Cl. 346-75.000.

Ishikawa, Chuji: *See—*

Horike, Masanori; and Ishikawa, Chuji, 4,502,055, Cl. 346-75.000.

Ishikawa, Fumio, to Sony Corporation. Sample and hold circuit. 4,540,902, 9-10-85, Cl. 307-352.000.

Ishikawa, Haruo: *See—*

Uchibaba, Kouichi; Hayashi, Tsutomu; Ishikawa, Haruo; and Ohzono, Kouhei, 4,559,023, Cl. 464-30.000.

Ishikawa, Hidehiko: *See—*

Imamura, Shigeyuki; Misaki, Hideo; Ishikawa, Hidehiko; and Matsuura, Kazuo, 4,491,631, Cl. 435-4.000.

Ishikawa, Hiromichi: *See—*

Kaneko, Kimiyoshi; Ishikawa, Hiromichi; Moriyama, Satoru; and Uchiyama, Tsugio, 4,547,524, Cl. 514-594.000.

Ishikawa, Hiroshi; Tabasa, Fujio; and Nakagawa, Kazuyuki, to Otsuka Pharmaceutical Company, Limited. Quinoline carboxylic acid derivatives. 4,544,747, 10-1-85, Cl. 546-156.000.

Ishikawa, Hiroshi; and Yano, Mitsuhiro, to Fujitsu Limited. Semiconductor light-emitting device with layers having different band gaps. 4,546,479, 10-8-85, Cl. 372-45.000.

Ishikawa, Hiroshi; Uno, Testuyuki; Kano, Masanobu; and Nakagawa, Kazuyuki, to Otsuka Pharmaceutical Co., Ltd. Benzoheterocyclic compounds and pharmaceutical composition thereof. 4,552,879, 11-12-85, Cl. 514-253.000.

Ishikawa, Hiroshi: *See—*

Kitakami, Hazime; Ishikawa, Hiroshi; Tezuka, Masayoshi; Adachi, Susumu; and Makinouchi, Akifumi, 4,497,039, Cl. 364-900.000.

Ishikawa, Hisao: *See—*

Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,504,305, Cl. 71-98.000.

Iwataki, Isao; Fujita, Kagari; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,515,729, Cl. 260-464.000.

Ishikawa, Hitoshi; and Kano, Kenji, to Mitsubishi Denki Kabushiki Kaisha. Constant-voltage circuit insensitive to source change. 4,560,919, 12-24-85, Cl. 323-314.000.

Ishikawa, Hitoshi: *See—*

Yamamoto, Kimihiko; and Ishikawa, Hitoshi, 4,499,837, Cl. 112-158.00A.

Ishikawa, Isao: *See—*

Kanda, Hiroshi; and Ishikawa, Isao, 4,510,810, Cl. 73-606.000.

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Ishikawa, Jiro: *See—*

Kaneko, Yasuyuki; Ito, Masao; Ogura, Yukio; and Ishikawa, Jiro, 4,505,821, Cl. 210-611.000.

Ishikawa, Katsuji, to West Electric Company, Ltd. Method and apparatus for automatic focusing in video camera. 4,531,157, 7-23-85, Cl. 358-227.000.

Ishikawa, Katsutoshi; Shimotori, Hitoshi; Iida, Noboru; Akihiro, Kazuo; and Ozawa, Shuji, to Mitsui Toatsu Chemicals, Inc. 5-methylthiopyrimidine derivatives, their preparation process and fungicides containing same as active ingredients. 4,540,69[illegible], 9-10-85, Cl. 514-270.000.

Ishikawa, Kazuhiro, to Iizuka Electric Industry Company Ltd. Resilient contact member of jack for use in conjunction with pin plug. 4,491,382, 1-1-85, Cl. 339-259.00R.

Ishikawa, Kazuo, to Aisin Seiki Kabushiki Kaisha. Vehicle automatic power transmission having a lock up clutch. 4,512,212, 4-23-85, Cl. 74-733.000.

Ishikawa, Keiichi: *See—*

Kozono, Shigeru; and Ishikawa, Keiichi, 4,561,114, Cl. 455-226.000.

Ishikawa, Kikuo: *See—*

Ozawa, Akio; Sueyoshi, Susumu; Sato, Keishi; Ishikawa, Kikuo; Yatsuhashi, Kiyomi; Ishii, Satoshi; and Yumino, Masamichi, 4,540,951, Cl. 330-267.000.

Ishikawa, Kiyotsugu: *See—*

Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, 4,551,757, Cl. 358-212.000.

Ishikawa, Masaaki: *See—*

Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.

Ishikawa, Masanobu: *See—*

Okuyama, Teiji; Kuwana, Kazutaka; and Ishikawa, Masanobu, 4,558,897, Cl. 296-1.00S.

Ishikawa, Masao: *See—*

Koboshi, Shigeharu; Ishikawa, Masao; Kobayashi, Kazuhiro; Kimura, Toshihiko; and Higuchi, Moeko, 4,518,680, Cl. 430-393.000.

Ishikawa, Masatoshi, to Director-General of the Agency of Industrial Science and Technology. Device for detecting center position of two-dimensionally distributed data. 4,551,817, 11-5-85, Cl. 364-811.000.

Ishikawa, Masayuki; Azuma, Hiroshi; Sugimoto, Akiko; Takahashi, Noriko; and Takashima, Yoshimi, to Showa Denko Kabushiki Kaisha. 2,6,7,8-substituted quinazolines, process for production thereof, and use thereof. 4,517,189, 5-14-85, Cl. 514-259.000.

Ishikawa, Mikio: *See—*

Hayashi, Motoshige; Kobayashi, Toshirou; Yoshii, Motokazu; Tsubone, Masahiro; and Ishikawa, Mikio, 4,536,357, Cl. 264-53.000.

Ishikawa, Minoru: *See—*

Yamashita, Kiyotoshi; Ishikawa, Minoru; Ohta, Hideo; and Kumashiro, Kenji, 4,554,247, Cl. 430-622.000.

Ishikawa, Mitsuaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for detecting displacement of semiconductor device. 4,524,280, 6-18-85, Cl. 250-548.000.

Ishikawa, Mitsuo: *See—*

Nate, Kazuo; Inoue, Takashi; Yokono, Hitoshi; Ishikawa, Mitsuo; and Kumada, Makoto, 4,544,729, Cl. 528-28.000.

Ishikawa, Noboru: *See—*

Murakami, Yoichi; Shoji, Akio; Takezawa, Shoichiro; Ishikawa, Noboru; and Morita, Toshiaki, 4,499,239, Cl. 525-111.000.

Ishikawa, Nobumitsu; Takaoka, Hiroshi; and Fukuda, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Output control systems of combined cycle type electric power generating systems. 4,491,737, 1-1-85, Cl. 290-40.00R.

Ishikawa, Nobuo; and Kitazume, Tomoya, to Daikin Kogyo Co., Ltd. Process for preparing a β-(fluoroalkyl or fluoroalkenyl)-β-hydroxyalkyne. 4,532,020, 7-30-85, Cl. 204-158.0HA.

Ishikawa, Nobuo; and Takaoka, Akio, to Daikin Kogyo Co., Ltd. Methods for preparing lower alkyl α-fluoro-α-cyanoacetate and its carbanion. 4,540,524, 9-10-85, Cl. 260-465.400.

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Ishikawa, Nobuo; and Kitazume, Tomoya, to Daikin Industries Ltd. Fluorinated allylic compounds and a process for preparing these compounds. 4,558,148, 12-10-85, Cl. 556-488.000.

Ishikawa, Nobuyuki, to Sony Corporation. Crystal oscillator circuit with feedback control. 4,544,897, 10-1-85, Cl. 331-116.00R.

Ishikawa, Norikatu: *See—*

Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, 4,513,945, Cl. 251-129.000.

Ishikawa, Norio; and Omaki, Takanobu, to Minolta Camera Kabushiki Kaisha. Automatic focusing device for use in a camera. 4,492,448, 1-8-85, Cl. 354-406.000.

Ishikawa, Norio: *See—*

Kitaura, Mashio; Ishikawa, Norio; and Ishimura, Toshihiko, 4,512,646, Cl. 354-409.000.

Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, 4,509,842, Cl. 354-402.000.

Taniguchi, Nobuyuki; Ishikawa, Norio; and Egawa, Takeshi, 4,536,072, Cl. 354-403.000.

Taniguchi, Nobuyuki; Ishikawa, Norio; and Egawa, Takeshi, 4,537,487, Cl. 354-400.000.

Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, 4,550,993, Cl. 354-402.000.

Ishikawa, Noritoki, to Ryobi Ltd. Device for controlling the tension of a transmission chain in an externally mounted speed changer for a bicycle. 4,552,546, 11-12-85, Cl. 474-82.000.

Ishikawa, Paul J.: *See—*

Jones, Lawrence T.; Lee, R. Stephen; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,527,688, Cl. 206-315.100.

Jones, Lawrence T.; Lee, Robert S.; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,534,745, Cl. 446-398.000.

Ishikawa, Ryoichi: *See—*
  Sugie, Toshinori; Ishikawa, Ryoichi; and Kobata, Fumihiro, 4,528,346, Cl. 525-523.000.

Ishikawa, Sakae: *See—*
  Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro, 4,499,754, Cl. 73-861.120.

Ishikawa, Sako: *See—*
  Fukuta, Masaharu; Oshima, Yoshio; Ishikawa, Sako; and Ohtsuki, Toru, 4,543,641, Cl. 364-756.000.

Ishikawa, Seizi: *See—*
  Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, 4,497,057, Cl. 371-29.000.

Ishikawa, Shigeru, to Muro Kinzoku Kogyo Co., Ltd. Successive screw feeder driver. 4,517,863, 5-21-85, Cl. 81-434.000.

Ishikawa, Shinzi: *See—*
  Shimada, Shigeru; Kuroda, Akira; Tomiuga, Junichi; and Ishikawa, Shinzi, 4,507,430, Cl. 524-839.000.

Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, to Copyer Kabushiki Kaisha; and Canon Kabushiki Kaisha. Electrophotographic photosensitive member with oxadiazole containing disazo compound. 4,500,619, 2-19-85, Cl. 430-59.000.

Ishikawa, Shozo; Toma, Hitoshi; and Sumino, Fumio, to Canon Kabushiki Kaisha. Electrophotographic photosensitive member. 4,535,043, 8-13-85, Cl. 430-58.000.

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Ishikawa, Shozo: *See—*
  Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, 4,551,404, Cl. 430-59.000.
  Sakai, Kiyoshi; Ishikawa, Shozo; Arita, Tetsuo; Mabuchi, Minoru; and Umehara, Shoji, 4,501,808, Cl. 430-59.000.
  Takahashi, Hideyuki; and Ishikawa, Shozo, 4,495,264, Cl. 430-58.000.

Ishikawa, Shun-ichi; Nagano, Teruo; Tamoto, Koji; and Shinozaki, Fumiaki, to Fuji Photo Film Co., Ltd. Photopolymerizable compositions. 4,504,573, 3-12-85, Cl. 430-288.000.

Ishikawa, Sueyoshi: *See—*
  Hisamoto, Iwao; Omure, Yukio; and Ishikawa, Sueyoshi, 4,517,108, Cl. 252-162.000.

Ishikawa, Tadayuki, to Kabushiki Kaisha Komatsu Seisakusho; Noritake Co., Limited; and Noritake Diamond Industries Co., Ltd. Method of making grinding stones. 4,536,195, 8-20-85, Cl. 51-293.000.

Ishikawa, Takamichi: *See—*
  Ishii, Tsuneji; Ito, Hiroaki; and Ishikawa, Takamichi, 4,496,451, Cl. 204-252.000.

Ishikawa, Takashi: *See—*
  Nishizawa, Hiroshi; Sato, Tadayuki; and Ishikawa, Takashi, 4,493,858, Cl. 427-104.000.
  Sakaoka, Gouji; and Ishikawa, Takashi, 4,521,126, Cl. 401-65.000.

Ishikawa, Takatoshi; Mitsui, Akio; Morigaki, Masakazu; and Nakamura, Takashi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,491,630, 1-1-85, Cl. 430-372.000.

Ishikawa, Takatoshi; and Nakajima, Junya, to Fuji Photo Film Co., Ltd. Process for the processing of color photographic silver halide light-sensitive material. 4,543,322, 9-24-85, Cl. 430-380.000.

Ishikawa, Takatoshi: *See—*
  Endo, Katsusuke; Kato, Eiichi; Ohki, Nobutaka; and Ishikawa, Takatoshi, 4,493,888, Cl. 430-405.000.
  Sasaki, Noboru; Ishikawa, Takatoshi; and Adachi, Keiichi, 4,542,091, Cl. 430-380.000.
  Yoshida, Yoshinobu; Sakai, Nobuo; and Ishikawa, Takatoshi, 4,504,577, Cl. 430-564.000.

Ishikawa, Takayoshi: *See—*
  Kodera, Toshihiko; Eguchi, Kiyoshi; Ishikawa, Takayoshi; Genba, Yasushi; Tamaru, Shigemi; and Satou, Susumu, 4,497,992, Cl. 200-153.0SC.

Ishikawa, Takehiro; Yamazawa, Akira; and Kusumoto, Yasuo, to Kabushiki Kaisha Daini Seikosha. Electronic clinical thermometer. 4,551,031, 11-5-85, Cl. 374-117.000.

Ishikawa, Tatsuo; and Hatakeyama, Yoshiharu, to Yoshida Industry Co., Ltd. Tubular container molding method and apparatus. 4,496,513, 1-29-85, Cl. 264-267.000.

Ishikawa, Tatsuo: *See—*
  Hatakeyama, Yoshiharu; Ishikawa, Tatsuo; and Teshima, Kenzo, 4,518,554, Cl. 264-262.000.

Ishikawa, Toshikatsu; Ichikawa, Hiroshi; Imai, Yoshikazu; Hayase, Tokuji; and Nagata, Yoichi, to Nippon Carbon Co., Ltd. Electromagnetic wave absorbers of silicon carbide fibers. 4,507,354, 3-26-85, Cl. 428-245.000.

Ishikawa, Toshio: *See—*
  Harada, Kazuhiro; Tsuchiya, Yuzoh; Sekiguchi, Nobuo; and Ishikawa, Toshio, 4,508,251, Cl. 226-25.000.
  Yamagiwa, Tokio; Ishikawa, Toshio; Ozawa, Jun; Endo, Kaoru; and Hosokawa, Masao, 4,549,132, Cl. 324-54.000.

Ishikawa, Toshiro: *See—*
  Shimeki, Yasuharu; Kato, Misao; Matsushima, Hiroshi; and Ishikawa, Toshiro, 4,525,753, Cl. 360-45.000.

Ishikawa, Tsuneo: *See—*
  Miyazawa, Kokichi; Nakata, Kazuo; Ishikawa, Tsuneo; Honma, Ichiro; Hirai, Masaharu; Ogasawara, Makoto; and Kawamura, Toshihiko, 4,501,774, Cl. 427-215.000.
  Nakata, Kazuo; Ishikawa, Tsuneo; Amamoto, Taro; and Kawamura, Toshihiko, 4,560,544, Cl. 423-266.000.

Ishikawa, Wataru: *See—*
  Hirabayashi, Shigeto; Masukawa, Toyoaki; Ishikawa, Wataru; and Harada, Tetsuya, 4,543,309, Cl. 430-31.000.
  Hirabayashi, Shigeto; Masukawa, Toyoaki; and Ishikawa, Wataru, 4,562,143, Cl. 430-353.000.

Ishikawa, Yasuhiro; Yamada, Kazuhiro; and Kida, Masashi, to Yokohama Rubber Co. Ltd., The. Rubber compositions comprising (1) polyisoprene (2) cobalt salt of rosin (3) carbon black and (4) sulphur. 4,518,733, 5-21-85, Cl. 524-[illegible].

Ishikawa, Yasuki; Endo, Hiroshi; Sone, Masazumi; and Imai, Iwao, to Nissan Motor Company, Limited. Plasma ignition system for an internal combustion engine. 4,510,[illegible]15, 4-16-85, Cl. 123-620.000.

Ishikawa, Yasuki; Sone, Masa[illegible] and Kawai, Akio, to Nissan Motor Company, Limited. Engine ignition device. 4,558,685, 12-17-85, Cl. 123-620.000.

Ishikawa, Yasuyuki, to Canon Kabushiki Kaisha. Eye examining instrument. 4,533,222, 8-6-85, Cl. 351-206.000.

Ishikawa, Yoshihide: *See—*
  Nishi, Yasutaka; Hamada, Masao; Ishikawa, Yoshihide; and Inoue, Setsuo, 4,544,608, Cl. 428-498.000.

Ishikawa, Yoshihiro: *See—*
  Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Ishikawa, Yoshikazu; and Hashiguchi, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Fuel supply control method for internal combustion engines at acceleration. 4,513,723, 4-30-85, Cl. 123-492.000.

Ishikawa, Yoshikazu; and Kiuchi, Takeo, to Honda Giken Kogyo Kabushiki Kaisha. Method of controlling the fuel supply to an internal combustion engine at acceleration. 4,548,181, 10-22-85, Cl. 123-492.000.

Ishikawa, Yoshimi: *See—*
  Kawaguchi, Takeshi; Ishikawa, Yoshimi; and Oonishi, Taizo, 4,552,373, Cl. 280-276.000.

Ishikawa, Youhei: *See—*
  Nishikawa, Toshio; Ishikawa, Youhei; and Yorita, Tadahiro, 4,546,334, Cl. 333-206.000.

Ishikawa, Yuji, to Canon Kabushiki Kaisha. Thermal recording apparatus. 4,510,507, 4-9-85, Cl. 346-76.0PH.

Ishikawa, Yuji: *See—*
  Matsumoto, Hiroshi; Ishikawa, Yuji; and Nakamine, Chosin, 4,559,519, Cl. 340-286.00M.

Ishikawa, Yukio: *See—*
  Yasukawa, Motohiro; Ishikawa, Yukio; Ojima, Yasuo; Harada, Hiromi; and Mori, Yoshiaki, 4,525,208, Cl. 75-25.000.

Ishikawajima-Harima Jukogyo Kabushiki Kaisha: *See—*
  Awano, Koichi; Nitta, Yoshifumi; and Ibe, Satoshi, 4,554,964, Cl. 165-39.000.
  Iwanami, Toshio; and Watanabe, Hajime, 4,494,396, Cl. 72-243.000.
  Iwanami, Toshio, 4,539,834, Cl. 72-243.000.
  Kato, Heiji; Kizaki, Kanji; and Baba, Seizo, 4,539,833, Cl. 72-243.000.
  Suzuki, Ryushi; and Yamaga, Joji, 4,548,622, Cl. 55-204.000.
  Tsuchida, Yutaka; and Fukai, Toshiyuki, 4,537,240, Cl. 164-430.000.
  Yoshimatsu, Yoshiaki, 4,506,370, Cl. 373-8.000.

Ishiko, Hideo: *See—*
  Kusakabe, Hiroyoshi; Ishiko, Hideo; Okumura, Takeshi; Izumi, Masashi; and Furukawa, Masahiro, 4,505,123, Cl. 62-148.000.

Ishikura, Kazuo: *See—*
  Achiha, Masahiko; and Ishikura, Kazuo, 4,530,004, Cl. 358-11.000.

Ishikura, Shinichi; Yoshioka, Tamotsu; and Mizuguchi, Ryuzo, to Nippon Paint Co., Ltd. Polymerizable amino acid compounds and their production. 4,543,216, 9-24-85, Cl. 260-501.120.

Ishikura, Shinichi: *See—*
  Kanda, Kazunori; Ishii, Keizou; Kida, Katsuaki; Ishikura, Shinichi; and Mizuguchi, Ryuzo, 4,530,946, Cl. 523-418.000.
  Kuwajima, Teruaki; Miwa, Hiroshi; Kida, Katsuaki; and Ishikura, Shinichi, 4,504,609, Cl. 523-501.000.
  Kuwajima, Teruaki; Kida, Katsuaki; and Ishikura, Shinichi, 4,518,724, Cl. 523-501.000.

Ishikura, Tomoyuki: *See—*
  Kubo, Katsuro; Yoshioka, Takeo; Okabe, Mitsuyasu; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,508,648, Cl. 260-245.20T.
  Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.
  Shibamoto, Norio; Yoshioka, Takeo; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,528,397, Cl. 514-400.000.
  Yoshioka, Takeo; Yamamoto, Kenichi; Fukagawa, Yasuo; Shimauchi, Yasutaka; and Ishikura, Tomoyuki, 4,517,127, Cl. 260-245.20T.

Ishima, Kazumi, to Ricoh Company, Ltd. Power supply circuit. 4,494,178, 1-15-85, Cl. 363-21.000.

Ishima, Kazumi, to Ricoh Company, Ltd. Power source device for ink jet printer. 4,555,713, 11-26-85, Cl. 346-75.000.

Ishimaru, Kenji: *See—*

Fujita, Kiyoshi; Toyohisa, Shirou; Katou, Osamu; and Ishimaru, Kenji, 4,498,988, Cl. 210-397.000.

Ishimaru, Shingo: *See—*

Iwasa, Yasuo; and Ishimaru, Shingo, 4,524,130, Cl. 430-505.000.

Ishimaru, Toshiaki; Tsukada, Katsushige; Hayashi, Nobuyuki; Koibuchi, Shigeru; and Isobe, Asao, to Hitachi Chemical Company, Ltd. Soldering mask formed from a photosensitive resin composition and a photosensitive element. 4,499,163, 2-12-85, Cl. 430-5.000.

Ishimaru, Toshiaki; Tsukada, Katsushige; and Hayashi, Nobuyuki, to Hitachi Chemical Company, Ltd. Photosensitive resin composition and photosensitive element. 4,544,625, 10-1-85, Cl. 430-284.000.

Ishimatsu, Yoshiaki: *See—*

Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, 4,492,757, Cl. 435-280.000.

Ishimi, Bunichi. Stepless transmission gear system for automobiles. 4,539,867, 9-10-85, Cl. 74-793.000.

Ishimi, Haruyoshi: *See—*

Yahiro, Tetsuji; and Ishimi, Haruyoshi, 4,494,494, Cl. 123-55.0VS.

Ishimitsu, Ikuo; Tokunaga, Toshimichi; Tanaka, Takeshi; and Anan, Yoshiaki, to Mazda Motor Corporation. Vehicle suspension system. 4,555,126, 11-26-85, Cl. 280-707.000.

Ishimitsu, Kichio K.; and Tinoco, Edward N., to Boeing Company, The. Airfoil for controlling refueling boom. 4,519,560, 5-28-85, Cl. 244-45.00R.

Ishimori, Isao: *See—*

Matoba, Yasuo; and Ishimori, Isao, 4,511,698, Cl. 525-187.000.

Ishimura, Koichi: *See—*

Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,537,051, Cl. 72-12.000.

Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,557,126, Cl. 72-16.000.

Niino, Shuheu; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,520,642, Cl. 72-8.000.

Ishimura, Toshihiko: *See—*

Kitaura, Mashio; Ishikawa, Norio; and Ishimura, Toshihiko, 4,512,646, Cl. 354-409.000.

Ishimura, Yoshio. Spindle tilting control device for a plane and spherical rotary grinding machine, fine grinding machine, lapping machine and polishing machine. 4,498,258, 2-12-85, Cl. 51-131.300.

Ishino, Ken; Hashimoto, Yasuo; Ichihara, Kenichi; and Narumiya, Yoshikazu, to TDK Corporation. Composite ferrite textile. 4,515,850, 5-7-85, Cl. 428-225.000.

Ishino, Ken; and Hashimoto, Yasuo, to TDK Corporation. Absorber device for microwave leakage. 4,525,614, 6-25-85, Cl. 219-10.55D.

Ishino, Ken; Hashimoto, Yasuo; and Narumiya, Yoshikazu, to TDK Corporation. Electromagnetic shield. 4,539,433, 9-3-85, Cl. 174-35.0MS.

Ishino, Tokio: *See—*

Ohno, Yoshimi; Tsurukawa, Ikuya; and Ishino, Tokio, 4,498,754, Cl. 354-479.000.

Ishino, Yoshihide, to Sharp Kabushiki Kaisha. LED level meter. 4,532,472, 7-30-85, Cl. 324-122.000.

Ishino, Yoshitane; Naruse, Toshihisa; and Sawano, Toshiyuki, to Kabushiki Kaisha Komatsu Seisakusho. Water-bottom rubbles leveling apparatus. 4,510,705, 4-16-85, Cl. 37-54.000.

Ishioka, Sachio: *See—*

Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.

Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, 4,554,478, Cl. 313-366.000.

Ishitani, Kenichiro; Unseki, Takashi; Amiboshi, Saburo; and Kawamura, Eiichi, to Mitsubishi Jukogyo Kabushiki Kaisha; and Eagle Industry Co., Ltd. Stern tube seal device providing a seal about a rotatable shaft. 4,534,569, 8-13-85, Cl. 277-27.000.

Ishitani, Masato: *See—*

Matsumoto, Yuuichi; Kawasaki, Kiyomitsu; and Ishitani, Masato, 4,492,644, Cl. 252-522.00A.

Ishitani, Tohru: *See—*

Tamura, Hifumi; Okano, Hiroshi; Ishitani, Tohru; and Shimase, Akira, 4,560,907, Cl. 315-111.010.

Ishitate, Yoshiyuki; and Takahashi, Toshikatsu, to Fuji Xerox Co., Ltd. Original placing stand device. 4,545,674, 10-8-85, Cl. 355-75.000.

Ishito, Mitsuya: *See—*

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, 4,519,702, Cl. 355-51.000.

Ishitobi, Hirotake: *See—*

Yonezawa, Kazuma; Tanda, Toshikuni; and Ishitobi, Hirotake, 4,548,868, Cl. 428-446.000.

Ishitobi, Masami, to Dainichi-Nippon Cables, Ltd. Shielding tape and electric cables using same. 4,501,928, 2-26-85, Cl. 174-107.000.

Ishitobi, Tamio: *See—*

Fujiwara, Takashi; and Ishitobi, Tamio, 4,560,743, Cl. 528-348.000.

Ishitobi, Yoshimitsu; Fujii, Kouhei; and Nakatsuji, Fumio, to NEC Kansai, Ltd. Joystick controller using magnetosensitive elements with bias magnets. 4,500,867, 2-19-85, Cl. 338-128.000.

Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, to Nippon Telegraph and Telephone Public Corporation; and Kaikiu Kogyo Co. Ltd. Plastics optical fibers. 4,542,957, 9-24-85, Cl. 350-96.340.

Ishiwata, Ichiro, to Nippon Air Brake Co., Ltd. Hydraulic reservoir for tandem master cylinder. 4,514,980, 5-7-85, Cl. 60-534.000.

Ishiwata, Ichiro: *See—*

Suzuki, Shoji; and Ishiwata, Ichiro, 4,540,072, Cl. 192-4.00A.

Ishiwata, Kazuya, to Canon Kabushiki Kaisha. Electrochromic element. 4,508,792, 4-2-85, Cl. 428-702.000.

Ishiwata, Tatsumi: *See—*

Segawa, Hideo; Mori, Koji; Itagaki, Masanori; Sakurai, Kohichi; and Ishiwata, Tatsumi, 4,499,384, Cl. 250-578.000.

Ishiwata, Yoshiro: *See—*

Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, 4,528,184, Cl. 424-79.000.

Ishiwatari, Hiromasa, to Matsushita Electric Industrial Co., Ltd. Irradiated power monitoring system for optical fiber. 4,556,875, 12-3-85, Cl. 340-679.000.

Ishiyama, Shinobu: *See—*

Konomi, Toshiaki; and Ishiyama, Shinobu, 4,525,781, Cl. 364-431.010.

Ishiyama, Shozo, to Konishiroku Photo Industry Co., Ltd. Compact, wide magnification-variable zoom lens system. 4,498,741, 2-12-85, Cl. 350-427.000.

Ishiyama, Shozo: *See—*

Fujita, Hisao; and Ishiyama, Shozo, 4,501,475, Cl. 350-427.000.

Ishizaka, Hideo, to Terumo Kabushiki Kaisha. Electronic clinical thermometer, and method of measuring body temperature. 4,541,734, 9-17-85, Cl. 374-169.000.

Ishizaka, Hideo: *See—*

Kobayashi, Susumu; Muramoto, Yutaka; Ishizaka, Hideo; and Ishii, Yoshinori, 4,556,837, Cl. 320-2.000.

Ishizaka, Mineo: *See—*

Kawaguchi, Toshihiro; Ishizaka, Mineo; and Doi, Hiyoshi, 4,509,568, Cl. 141-129.000.

Ishizaka, Sunao; and Maida, Osamu, to Nippon Kogaku K.K. Camera provided with a mechanism for detecting the film speed of a film. 4,538,890, 9-3-85, Cl. 354-21.000.

Ishizaka, Sunao; and Maida, Osamu, to Nippon Kogaku K.K. Device for detecting code on film cartridge. 4,550,991, 11-5-85, Cl. 354-21.000.

Ishizaka, Sunao; and Maida, Osamu, to Nippon Kogaku K.K. Camera provided with means for detecting information on film cartridge. 4,558,935, 12-17-85, Cl. 354-21.000.

Ishizaka, Sunao; and Maida, Osamu, to Nippon Kogaku K.K. Camera film feed control apparatus. 4,561,741, 12-31-85, Cl. 354-21.000.

Ishizaka, Takao: *See—*

Mine, Susumu; and Ishizaka, Takao, 4,549,156, Cl. 335-216.000.

Ishizaki, Akira: *See—*

Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, 4,491,403, Cl. 354-409.000.

Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, 4,538,892, Cl. 354-402.000.

Suda, Yasuo; Akashi, Akira; Ishizaki, Akira; Hiramatsu, Akira; and Ohtaka, Keiji, 4,555,169, Cl. 354-407.000.

Ishizaki, Keiichi; and Fuchigami, Shuzo, to Fuji Photo Film Co., Ltd. Method of simultaneously applying multiple layers to web. 4,525,392, 6-25-85, Cl. 427-420.000.

Ishizaki, Takaharu; Nagai, Takeshi; and Yamazaki, Shingo, to Nippon Oil and Fats Co., Ltd. Method for improving cold flow of fuel oils. 4,491,455, 1-1-85, Cl. 44-62.000.

Ishizaki, Takaharu; Kimura, Tsuneo; and Yamazaki, Shingo, to Nippon Oil and Fats Co., Ltd. Method for improving cold flow of fuel oils. 4,509,954, 4-9-85, Cl. 44-62.000.

Ishizaki, Zentaro: *See—*

Murakami, Muneo; and Ishizaki, Zentaro, 4,495,855, Cl. 92-71.000.

Ishizawa, Akio; Hukaya, Toshio; Kumagai, Katuya; and Takeuchi, Tatuo, to Kabushiki Kaisha Toshiba. Magnetic recording medium. 4,540,627, 9-10-85, Cl. 428-328.000.

Ishizawa, Akio: *See—*

Hideyama, Shozo; Ishizawa, Akio; Kumagai, Katuya; and Hashimoto, Minoru, 4,511,617, Cl. 428-212.000.

Ishizawa, Takeshi: *See—*

Micetich, Ronald G.; Yamabe, Shigeru; Yamazaki, Tomio; Ishida, Naobumi; and Ishizawa, Takeshi, 4,529,592, Cl. 424-114.000.

Micetich, Ronald J.; Yamabe, Shigeru; Ueda, Shuichi; Ishida, Naobumi; and Ishizawa, Takeshi, 4,507,239, Cl. 260-245.20R.

Ishizawa, Toshimichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus. 4,514,768, 4-30-85, Cl. 358-296.000.

Ishizuka, Hiroshi. Method for electrolytically obtaining magnesium metal. 4,495,037, 1-22-85, Cl. 204-70.000.

Ishizuka, Hiroshi. High temperature high pressure apparatus. 4,518,334, 5-21-85, Cl. 425-77.000.

Ishizuka, Hiroshi. Apparatus for production of refractory metal from a chloride thereof. 4,527,778, 7-9-85, Cl. 266-171.000.

Ishizuka, Ken. System for initiating the operation of an electronically-operated device. 4,496,948, 1-29-85, Cl. 340-825.310.

Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, to Hitachi, Ltd.; and Hitachi Denshi Kabushiki Kaisha. Electric power detecting circuit and gain control circuit using the same. 4,531,089, 7-23-85, Cl. 324-99.00D.

Ishizuka, Masaaki: *See—*

Umezawa, Hamao; Takeuchi, Tomio; Ishizuka, Masaaki; Takita, Tomohisa; Shimada, Nobuyoshi; and Kato, Kuniki, 4,530,998, Cl. 536-24.000.

Umezawa, Hamao; Takeuchi, Tomio; and Ishizuka, Masaaki, 4,559,362, Cl. 514-674.000.

Ishizuka, Seiichi; and Kubo, Junji, to Teijin Limited. Methods of controlling the concentration of calcium in the serum of warm-blooded animals and pharmaceutical compositions to be used therefor. 4,511,564, 4-16-85, Cl. 514-167.000.

Ishizuka, Tadatsugu: *See—*
Sato, Kazuhiro; Kumagai, Takashi; Ishizuka, Takuo; and Ishizuka, Tadatsugu, 4,527,253, Cl. 364-900.000.

Ishizuka, Takashi; Moriyama, Yasuhiro; and Nakamura, Masao, to Nitto Electric Industrial Co., Ltd. Production of heat-shrinkable polyimide films. 4,499,042, 2-12-85, Cl. 264-205.000.

Ishizuka, Takuo: *See—*
Sato, Kazuhiro; Kumagai, Takashi; Ishizuka, Takuo; and Ishizuka, Tadatsugu, 4,527,253, Cl. 364-900.000.

Ishizuka, Yutaka, to Diesel Kiki Co., Ltd. Vane compressor having an endless camming surface minimizing torque fluctuations. 4,501,537, 2-26-85, Cl. 418-150.000.

Ishizuka, Yutaka; and Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Compression capacity control apparatus for swash plate compressor. 4,511,313, 4-16-85, Cl. 417-270.000.

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Ishizuka, Yutaka: *See—*
Shibuya, Tsunenori; Ishizuka, Yutaka; and Nakamura, Teruo, 4,502,854, Cl. 418-15.000.

Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, to Sumitomo Chemical Company, Limited. Succinimide derivatives, compositions and method of use. 4,507,303, 3-26-85, Cl. 514-255.000.

Ishizumi, Kikuo; Ohashi, Naohito; and Muramatsu, Michihisa, to Sumitomo Chemical Company, Limited. Aminonaphthacene derivatives and their use. 4,540,695, 9-10-85, Cl. 514-239.000.

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Ishizumi, Kikuo; Muramatsu, Michihisa; Sato, Hiromi; Tanno, Norihiko; and Yoshida, Noboru, to Sumitomo Chemical Company, Limited. Novel aminonaphthacene derivatives and process for preparation thereof. 4,545,936, 10-8-85, Cl. 260-377.000.

Ishizumi, Kikuo: *See—*
Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,496,739, Cl. 548-321.000.
Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,544,635, Cl. 435-121.000.
Ohashi, Naohito; Nagata, Shoji; and Ishizumi, Kikuo, 4,562,263, Cl. 548-479.000.

Ishler, Michael W., to Owens-Corning Fiberglass Corporation. Air-supported fabric roof structure. 4,559,746, 12-24-85, Cl. 52-2.000.

Isida, Tosio: *See—*
Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,512,893, Cl. 210-500.200.
Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,528,004, Cl. 55-158.000.

Isikawa, Minoru: *See—*
Friedman, Harry; Sengoku, Isao; Hattori, Yukiro; and Isikawa, Minoru, 4,535,539, Cl. 30-161.000.

Isikawa, Yasuo, to Tachikawa Spring Co., Ltd. Vehicle seat. 4,557,522, 12-10-85, Cl. 297-452.000.

Iskander, Magdy F., to University of Utah. Apparatus and method for measuring the permittivity of a substance. 4,510,437, 4-9-85, Cl. 324-61.00R.

Iskiw, Metro; and Hadican, Alex. Fish scaler. 4,490,885, 1-1-85, Cl. 17-66.000.

Iskra, Michael J., to Personal Products Company. Thin, soft, absorbent product. 4,559,050, 12-17-85, Cl. 604-368.000.

Iskra, Michael J.: *See—*
Pieniak, Heinz A.; and Iskra, Michael J., 4,500,315, Cl. 604-379.000.
Pieniak, Heinz A.; and Iskra, Michael J., 4,537,590, Cl. 604-379.000.
Pieniak, Heinz A.; and Iskra, Michael J., 4,540,454, Cl. 156-62.200.

Islam, Abul B. M. A.; and Bevan, David R., to Downs Surgical PLC. Biopsy needle. 4,543,966, 10-1-85, Cl. 128-754.000.

Isler, Erwin, to H. Weidmann AG. Tie rod assembly for rock borehole anchor. 4,523,880, 6-18-85, Cl. 405-259.000.

Isler, Erwin, to H. Weidmann AG. Arrangement for force transfer between longitudinally stressed members. 4,538,940, 9-3-85, Cl. 405-259.000.

Islet, Peter: *See—*
Lange, Wolf-Ruediger; Wessel, Anton; Bohler, Udo; Volkheimer, Klaus; Greiner, Gunter; and Islet, Peter, 4,555,806, Cl. 455-62.000.

Isliker, Gaston R.: *See—*
Meyer, Helmut P.; and Isliker, Gaston R., 4,497,633, Cl. 445-7.000.

Islip, Philip N.; and Shu, Winston R., to Mobil Oil Corporation. Cyclic solvent assisted steam injection process for recovery of viscous oil. 4,513,819, 4-30-85, Cl. 166-263.000.

Iso, Tadashi; and Oya, Masayuki, to Santen Pharmaceutical Co., Ltd. Cysteine derivatives of disulfide form. 4,517,123, 5-14-85, Cl. 260-239.30R.

Iso, Tadashi: *See—*
Iwao, Jun-ichi; Oya, Masayuki; and Iso, Tadashi, 4,496,578, Cl. 514-423.000.
Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,547,513, Cl. 514-321.000.
Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,552,969, Cl. 548-179.000.
Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,558,125, Cl. 544-135.000.
Mita, Itaru; Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,552,765, Cl. 514-513.000.
Oya, Masayuki; and Iso, Tadashi, 4,499,102, Cl. 514-365.000.

Iso, Yoshimi; Inoue, Shigeki; Noda, Tsutomu; and Ohashi, Shinichi, to Hitachi, Ltd. Tracking servo control unit for an information reproducing apparatus. 4,539,665, 9-3-85, Cl. 369-44.000.

Iso, Yoshimi: *See—*
Kimura, Hiroyuki; Iso, Yoshimi; Inoue, Shigeki; Takeuchi, Takashi; and Ohashi, Shin-ichi, 4,532,561, Cl. 360-73.000.

Isobe, Asao; Makino, Daisuke; and Shiraishi, Hiroshi, to Hitachi Chemical Company, Ltd.; and Hitachi, Ltd. Electron beam or X-ray reactive image-formable resinous composition. 4,513,077, 4-23-85, Cl. 430-270.000.

Isobe, Asao: *See—*
Ishimaru, Toshiaki; Tsukada, Katsushige; Hayashi, Nobuyuki; Koibuchi, Shigeru; and Isobe, Asao, 4,499,163, Cl. 430-5.000.
Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.

Isobe, Hiroshi: *See—*
Aoki, Fujio; and Isobe, Hiroshi, 4,492,191, Cl. 123-198.00F.

Isobe, Kenichi: *See—*
Shibata, Takanori; Yoshikawa, Toshiharu; Isobe, Kenichi; and Ichinohe, Shoji, 4,525,563, Cl. 526-279.000.

Isobe, Kimiyasu: *See—*
Yamada, Hideaki; Otsuji, Shogo; Isobe, Kimiyasu; Matsunaga, Kuniyoshi; and Inukai, Tadahiko, 4,550,078, Cl. 435-25.000.

Isobe, Masahiro: *See—*
Takami, Toshihiro; and Isobe, Masahiro, 4,508,072, Cl. 123-195.00C.

Isobe, Mineo. Method of making a paper pattern for dyeing. 4,519,864, 5-28-85, Cl. 156-248.000.

Isobe, Mitsuo; Kutsuki, Tetsuo; Yamaguchi, Namio; and Tanaka, Toshihide, to Matsushita Electric Industrial Co., Ltd. Synchronous video detector circuit using phase-locked loop. 4,524,389, 6-18-85, Cl. 358-188.000.

Isobe, Nobuyuki: *See—*
Kenmostu, Isami; and Isobe, Nobuyuki, 4,536,865, Cl. 369-75.200.

Isobe, Shinichi: *See—*
Fukuyama, Hiroomi; and Isobe, Shinichi, 4,496,889, Cl. 318-565.000.

Isobe, Takashi; and Kamata, Shigeru, to Canon Kabushiki Kaisha. Automatic focusing zoom lens mounting. 4,491,396, 1-1-85, Cl. 350-429.000.

Isobe, Teruhiko, to Pioneer Video Corporation. Method for recording information on a recording disc. 4,546,461, 10-8-85, Cl. 369-50.000.

Isobe, Toshiaki; and Fukuda, Teruo, to Toyota Jidosha Kabushiki Kaisha. Method of and apparatus for controlling fuel injection. 4,520,784, 6-4-85, Cl. 123-492.000.

Isobe, Toshiaki: *See—*
Ito, Toshimitsu; and Isobe, Toshiaki, 4,512,318, Cl. 123-492.000.
Ito, Toshimitsu; and Isobe, Toshiaki, 4,517,949, Cl. 123-489.000.
Ito, Toshimitsu; Isobe, Toshiaki; and Hattori, Takashi, 4,550,373, Cl. 364-431.040.

Isobe, Yasuo: *See—*
Ito, Tadashi; Isobe, Yasuo; Ito, Fumio; and Nakamoto, Soichi, 4,534,640, Cl. 354-448.000.

Isobe, Yoshinobu: *See—*
Kishida, Eiji; Isobe, Yoshinobu; Hara, Fumio; and Hasegawa, Shumpei, 4,553,521, Cl. 123-587.000.

Isobe, Yukihiro: *See—*
Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.

Isogai, Hideaki, to Fujitsu Limited. Circuit and method for writing in a semiconductor memory device. 4,493,059, 1-8-85, Cl. 365-190.000.

Isogai, Kiyoshi: *See—*
Asano, Masumi; Ugajin, Mitsuyuki; and Isogai, Kiyoshi, 4,523,763, Cl. 277-1.000.
Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.

Isogai, Masato: *See—*
Nagae, Yoshiharu; Isogai, Masato; Kawakami, Hideaki; and Nakano, Fumio, 4,508,429, Cl. 350-350.00S.

Isogai, Mitsuhiro, to Sony Corporation. Thermal transfer printing apparatus. 4,536,772, 8-20-85, Cl. 346-76.0PH.

Isogai, Nobuo; Okawa, Takashi; Hosokawa, Motoyuki; Wakui, Nastuko; and Watanabe, Toshiyasu, to Mitsubishi Gas Chemical Company, Inc. Process for preparation of ethanol. 4,552,986, 11-12-85, Cl. 568-902.000.

Isogai, Osamu; and Kagiya, Toshihumi, to Idemitsu Petrochemical Co., Ltd. Polyolefin resin composition. 4,550,134, 10-29-85, Cl. 524-413.000.

Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, to Takenaka Komuten Co., Ltd. Apparatus for hoisting materials and placing concrete. 4,505,397, 3-19-85, Cl. 212-232.000.

Isogai, Tokio: *See—*
Shoji, Fusaji; Takemoto, Issei; Kataoka, Fumio; Yokono, Hitoshi; and Isogai, Tokio, 4,513,132, Cl. 528-21.000.

Isohata, Junji; and Sato, Mitsuya, to Canon Kabushiki Kaisha. Projection exposure apparatus. 4,496,239, 1-29-85, Cl. 355-30.000.

Isoi, Masaaki: *See—*
Inoue, Hiroshi; Sezume, Tadashi; Isoi, Masaaki; Iwanami, Kunio; and Sei, Kazuo, 4,528,329, Cl. 525-74.000.

- Isolation Systems Limited: *See—*
  - Arato, Gabor P., 4,528,497, Cl. 324-51.000.
- Isolite Babcock Refractories Co., Ltd.: *See—*
  - Yamamoto, Masafumi, 4,511,664, Cl. 501-35.000.
- Isomae, Kazuo: *See—*
  - Honda, Haruyoshi; Sato, Susumu; Isomae, Kazuo; Ookawa, Junji; and Kuwamura, Tsukasa, 4,560,785, Cl. 560-52.000.
  - Yokoi, Koichi; Tachibana, Koichi; Isomae, Kazuo; and Nakashima, Toshiaki, 4,501,752, Cl. 514-414.000.
- Isomet Corporation: *See—*
  - Bademian, Leon, 4,516,838, Cl. 350-358.000.
  - Bademian, Leon, 4,540,245, Cl. 350-358.000.
- Isomura, Akihiko: *See—*
  - Tomita, Kazuichi; Mano, Hiroshi; Matsuyama, Fumio; and Isomura, Akihiko, 4,539,113, Cl. 210-323.200.
- Isomura, Hiroshi: *See—*
  - Kazino, Hiroshi; Isomura, Hiroshi; and Mizuno, Kozo, 4,525,912, Cl. 29-243.520.
- Isomura, Shigenori: *See—*
  - Kaji, Yasumasa; Isomura, Shigenori; Harada, Takashi; and Sakakibara, Shuji, 4,517,948, Cl. 123-489.000.
  - Muramatsu, Toshihiko; Kobayashi, Akio; Kondo, Toshio; Isomura, Shigenori; and Eino, Tomomi, 4,492,202, Cl. 123-478.000.
- Ison, Deborah K., to Deserdein, Incorporated. Bedding assembly. 4,546,508, 10-15-85, Cl. 5-494.000.
- Isono, Keinosuke, to Terumo Corporation. Medical container. 4,560,382, 12-24-85, Cl. 604-408.000.
- Isono, Kiyoshi; Nakamura, Goto; and Fujita, Shigeo, to Rikagaku Kenkyusho; and Kaken Kagaku Kabushiki Kaisha. Novel antibiotic 76-11, process for the production thereof, anticoccidiosis agent and domestic animals growth accelerator comprising the same as an effective ingredient. 4,517,178, 5-14-85, Cl. 424-122.000.
- Isono, Tetsusaburo: *See—*
  - Watanabe, Akira; Takeuchi, Yoshimitsu; Shinoda, Noboru; Isono, Tetsusaburo; and Fujiwara, Kenji, 4,540,674, Cl. 501-97.000.
- Isono, Tokio; and Tsunoda, Kazuhiko, to Honda Giken Kogyo Kabushiki Kaisha. Suspension system for a front road wheel of a motorcycle. 4,531,755, 7-30-85, Cl. 280-277.000.
- Isono, Tokio: *See—*
  - Miyakoshi, Shinichi; and Isono, Tokio, 4,497,506, Cl. 280-703.000.
  - Yamamoto, Kazuhiro; and Isono, Tokio, 4,523,659, Cl. 180-227.000.
- Isono, Yoshinobu: *See—*
  - Fujimoto, Teruo; Isono, Yoshinobu; and Miyaki, Yoshiyuki, 4,554,376, Cl. 562-554.000.
- Isoshima, Kazumi: *See—*
  - Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.
- Isotronics, Inc.: *See—*
  - Tower, Steven A.; and Greenspan, Jay S., 4,547,624, Cl. 174-52.0FP.
- Isover Saint-Gobain: *See—*
  - Baduel, Guy M., 4,508,555, Cl. 65-3.430.
  - Maillard, Alain; and Pichon, Michel, 4,541,856, Cl. 65-29.000.
  - Massol, Jean-Jacques, 4,534,796, Cl. 106-99.000.
  - Potters, Michel, 4,543,690, Cl. 19-300.000.
  - Rias, Jean-Claude, 4,535,587, Cl. 53-436.000.
  - Ruechel, Frank, 4,493,345, Cl. 138-178.000.
- Isovolta Osterreichische Isolierstoffwerke Aktiengesellschaft: *See—*
  - Mark, Hermann, 4,533,511, Cl. 264-184.000.
  - Szabolcs, Otto, 4,503,266, Cl. 568-719.000.
- Isowa, Eiichi, to Isowa Industry Co., Ltd. Die-cutting apparatus. 4,530,693, 7-23-85, Cl. 493-342.000.
- Isowa Industry Co., Ltd.: *See—*
  - Isowa, Eiichi, 4,530,693, Cl. 493-342.000.
- Isoya, Toshiro: *See—*
  - Ohshima, Shohzo; Kusuda, Mikio; and Isoya, Toshiro, 4,510,034, Cl. 204-290.00F.
  - Yamataka, Kazunori; and Isoya, Toshiro, 4,525,251, Cl. 204-79.000.
- Isoya, Yukinori: *See—*
  - Hada, Toshikatsu; and Isoya, Yukinori, 4,505,250, Cl. 123-540.000.
  - Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.
  - Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,562,012, Cl. 261-44.00C.
- Isoyama, Eizo: *See—*
  - Ejima, Tatsuhiko; Arai, Kozo; Isoyama, Eizo; and Fujihira, Tadao, 4,547,275, Cl. 204-129.750.
- Isoyama, Toyoshiro: *See—*
  - Sugimori, Shigeru; Kojima, Tetsuhiko; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,534,883, Cl. 252-299.630.
  - Sugimori, Shigeru; Kojima, Tetsuhiko; Goto, Yasuyuki; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,536,321, Cl. 252-299.630.
- Isozaki, Akio: *See—*
  - Sato, Yoshiyuki; and Isozaki, Akio, 4,549,606, Cl. 165-179.000.
- Isozaki, Katsumi: *See—*
  - Ikeda, Kyoichi; Harada, Kinji; and Isozaki, Katsumi, 4,495,818, Cl. 73-702.000.
- Isozaki, Osamu: *See—*
  - Sugimoto, Kenji; and Isozaki, Osamu, 4,514,471, Cl. 428-703.000.
- Isozumi, Shoji; and Kusunoki, Toshihiro, to Fujitsu Limited. Liquid phase epitaxial growth method. 4,498,937, 2-12-85, Cl. 148-171.000.
- Isozumi, Shuzoo; and Hara, Kazuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Starting motor assembly having an integral epicyclic gear. 4,520,285, 5-28-85, Cl. 310-83.000.
- Israel Aircraft Industries, Ltd.: *See—*
  - Bar-Nefy, Simcha; and Tiomkin, Michael, 4,491,053, Cl. 89-1.130.
  - Bar-Nefy, Simcha; and Tiomkin, Michael V., 4,552,053, Cl. 89-1.130.
  - Grynberg, Ami; and Ronen, Ya'Acov, 4,553,135, Cl. 340-564.000.
- Israel, John W., to Italtel Societa Italiana Telecomunicazioni S.p.A. Data-handling system for the exchange of digital messages between two intercommunicating functional units. 4,520,481, 5-28-85, Cl. 371-37.000.
- Israel, John W., to Italtel Societa Italiana Telecomunicazioni S.p.A. Telecommunication system with a multiplicity of modular units interchanging digital messages. 4,528,658, 7-9-85, Cl. 370-58.000.
- Israel, Mrs. Lawrence: *See—*
  - Close, Leo R., 4,502,717, Cl. 292-316.000.
- Issa, Darrell E. Battery lock anti-theft system. 4,553,127, 11-12-85, Cl. 340-64.000.
- Issakainen, Onni, to Oy Tampella AB. Method of and apparatus for installing solder bolts in rock bolting. 4,514,111, 4-30-85, Cl. 405-260.000.
- Isshiki, Tomiya; Nawata, Takanari; Kijima, Yasuhiko; Ito, Akira; and Watanabe, Takayuki, to Mitsubishi Gas Chemical Company, Inc. Process for producing vinyl acetate. 4,517,377, 5-14-85, Cl. 560-261.000.
- Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, to Mitsubishi Gas Chemical Company, Inc. Process for producing acetic anhydride. 4,544,511, 10-1-85, Cl. 260-549.000.
- Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, to Mitsubishi Gas Chemical Company, Inc. Process for producing acetic anhydride. 4,556,519, 12-3-85, Cl. 260-549.000.
- Issler, Jorg: *See—*
  - Betz, Dieter; and Issler, Jorg, 4,509,495, Cl. 123-643.000.
- Istituto de Angeli S.p.A.: *See—*
  - Bietti, Giuseppe; Cereda, Enzo; Donetti, Arturo; del Soldato, Piero; Giachetti, Antonio; and Micheletti, Rosamaria, 4,548,944, Cl. 514-363.000.
- Istituto Farmacologico Serono of Rome: *See—*
  - Sicuteri, Federigo, 4,493,830, Cl. 424-177.000.
- Istituto Luso Farmaco D'Italia s.p.a.: *See—*
  - Manghisi, Elso; and Cascio, Giuseppe, 4,533,748, Cl. 562-401.000.
- Isumi, Kenzo: *See—*
  - Tachibana, Eiichi; Murayama, Koushou; and Isumi, Kenzo, 4,549,923, Cl. 156-423.000.
- Isuzu Motor, Ltd.: *See—*
  - Kawamura, Hideo; Sagawa, Nobukazu; and Yamamoto, Noriyoshi, 4,525,622, Cl. 219-270.000.
- Isuzu Motors Ltd.: *See—*
  - Fujiwara, Takahisa; Narihisa, Masaaki; and Tamai, Katsuyuki, 4,498,066, Cl. 335-281.000.
  - Kawamura, Hideo, 4,493,298, Cl. 123-145.00A.
  - Kawamura, Hideo; Otsubo, Isamu; and Kitagawa, Tsutomu, 4,506,145, Cl. 219-499.000.
  - Kawamura, Hideo, 4,511,792, Cl. 219-499.000.
- Itabashi, Keiji: *See—*
  - Arika, Junji; Itabashi, Keiji; and Tamura, Yoshio, 4,530,824, Cl. 423-328.000.
  - Arika, Junji; Miyazaki, Hiroshi; Igawa, Kazushige; and Itabashi, Keiji, 4,562,055, Cl. 423-329.000.
- Itagaki, Hideyuki: *See—*
  - Okada, Hiroshi; Itagaki, Hideyuki; Kano, Takehiko; and Masuko, Seiichi, 4,526,656, Cl. 202-158.000.
- Itagaki, Masanori: *See—*
  - Segawa, Hideo; Mori, Koji; Itagaki, Masanori; Sakurai, Kohichi; and Ishiwata, Tatsumi, 4,499,384, Cl. 250-578.000.
- Itagaki, Takafumi, to Tamatoshi Industries Ltd. Display apparatus. 4,531,331, 7-30-85, Cl. 52-38.000.
- Itagaki, Takaharu; Ouchi, Hidenaga; and Shimura, Akihiro, to Mitsubishi Chemical Industries Limited. Anion exchange resin of surface functional type and the process for producing the same. 4,495,250, 1-22-85, Cl. 428-520.000.
- Itagaki, Takaharu; Ito, Tsuyoshi; Ando, Kiyoto; and Teshima, Hiromi, to Mitsubishi Chemical Industries Limited. Method for increasing the porosity of a cross-linked copolymer. 4,543,365, 9-24-85, Cl. 521-53.000.
- Itagaki, Takuo: *See—*
  - Niiho, Masaaki; and Itagaki, Takuo, 4,523,108, Cl. 307-353.000.
- Itahana, Hiroshi: *See—*
  - Yamada, Yukio; Itahana, Hiroshi; and Kuwana, Hisashi, 4,492,975, Cl. 357-76.000.
- Itai, Masahiro: *See—*
  - Furuno, Nobuo; Ota, Yoshio; Itai, Masahiro; Tokuyama, Akio; and Nakano, Eiichi, 4,501,649, Cl. 204-181.00R.
- Itai, Reiichi: *See—*
  - Murakami, Katsuyuki; Hirakata, Kaoru; Shimoda, Shinichi; and Itai, Reiichi, 4,495,048, Cl. 204-267.000.
- Itaka, Koshi; and Hara, Takushi, to Sumitomo Electric Industries, Ltd. Insulating spacer and metal sheath for gas insulated electrical equipment. 4,496,789, 1-29-85, Cl. 174-22.00C.
- Itakiyo, Masanori: *See—*
  - Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.

- Itakura, Fumitada: *See—*
  - Honda, Masaaki; Itakura, Fumitada; and Kitawaki, Nobuhiko, 4,538,234, Cl. 364-513.500.
- Itakura, Gen; Kuramitsu, Hideki; Iguchi, Takashi; Kuroda, Takayuki; and Nagase, Kaneomi, to Matsushita Electric Industrial Co., Ltd. Ceramic high dielectric composition. 4,558,020, 12-10-85, Cl. 501-137.000.
- Itakura, Kohei: *See—*
  - Kita, Kouji; Itakura, Kohei; and Mitsuhashi, Shigeo, 4,552,566, Cl. 23-313.00R.
- Itakura, Masato: *See—*
  - Hayashi, Masaharu; Tsuchikawa, Syunzo; and Itakura, Masato, 4,519,343, Cl. 123-41.490.
  - Yamaguchi, Hiroji; Hayashi, Masaharu; and Itakura, Masato, 4,544,053, Cl. 192-58.00B.
- Itakura, Shinji: *See—*
  - Onda, Tsutomu; Kano, Keiichi; and Itakura, Shinji, 4,498,965, Cl. 204-228.000.
- Itakura, Tadashi: *See—*
  - Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
- Itakura, Takeshi: *See—*
  - Kinoshita, Harumi; Kushida, Hideo; Itakura, Takeshi; Akutsu, Masao; Takada, Takuzo; and Sugiura, Hiroaki, 4,496,517, Cl. 264-521.000.
- Itakura, Tomiya: *See—*
  - Ito, Tomoo; Kamifuji, Hiroshi; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,494,498, Cl. 123-179.00G.
  - Kamifuji, Hiroshi; Ito, Tomoo; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,547,852, Cl. 364-431.040.
- Itakura, Yasushi: *See—*
  - Ohno, Akira; Itakura, Yasushi; Tabe, Takayuki; and Hiromoto, Shuji, 4,546,958, Cl. 267-47.000.
- Itakura, Yoshio: *See—*
  - Higuchi, Takeshi; Itakura, Yoshio; and Iwamori, Hidekazu, 4,534,710, Cl. 417-269.000.
- ITALCEMENTI Fabbriche Riunite Cemento S.p.A.: *See—*
  - Bucchi, Renato, 4,530,651, Cl. 425-94.000.
  - Catani, Paolo, 4,527,748, Cl. 241-57.000.
- Italfarmaco S.p.A.: *See—*
  - Cremonesi, Pietro; and Sportoletti, Giancarlo, 4,507,205, Cl. 210-638.000.
  - Sportoletti, Giancarlo; Pagella, Piergiuseppe; and Cremonesi, Pietro, 4,493,829, Cl. 424-177.000.
- Italiano, Pietro; and Riva, Ermete, to Carlo Erba Strumentazione S.p.A. Porosimeter with detection by capacity variations. 4,524,605, 6-25-85, Cl. 73-38.000.
- Italimpianti Societa Italiana Impianti P.A.: *See—*
  - Feroldi, Bruno, 4,492,565, Cl. 432-11.000.
- Italkali Societa Italiana Sali Alcalini S.p.A.: *See—*
  - Vitellaro, Antonio; and Sanfilippo, Giovanni, 4,541,832, Cl. 23-303.000.
- Italtel Societa Italiana Telecomunicazioni S.p.A.: *See—*
  - Bovo, Amilcare; and Canato, Luigi, 4,536,870, Cl. 370-16.000.
  - Cavalieri D'Oro, Enzo; and Vita, Piero, 4,520,329, Cl. 333-135.000.
  - Cottatelucci, Ezio, 4,524,462, Cl. 455-608.000.
  - Falzone, Vincenzo; and Tommasi, Marcello, 4,535,444, Cl. 370-58.000.
  - Israel, John W., 4,520,481, Cl. 371-37.000.
  - Israel, John W., 4,528,658, Cl. 370-58.000.
- Italtractor ITM SpA: *See—*
  - Grilli, Walter; De Meo, Franco; and Franchini, Ivan, 4,495,004, Cl. 148-16.500.
- Itami, Teruhiko; Kimoto, Toshifumi; Yamasawa, Akira; and Saitoh, Koichi, to Fuji Xerox Co., Ltd. Method of manufacturing a magnetic recording medium. 4,544,574, 10-1-85, Cl. 427-48.000.
- Itami, Teruhiko: *See—*
  - Kimoto, Toshifumi; Itami, Teruhiko; Nishimura, Nobuo; and Saitoh, Koichi, 4,520,409, Cl. 360-59.000.
  - Kimoto, Toshifumi; Todoh, Hidemasa; Itami, Teruhiko; and Saitoh, Koichi, 4,554,557, Cl. 346-74.400.
  - Nishimura, Nobuo; Itami, Teruhiko; Kimoto, Toshifumi; Tomiyama, Shunsuke; and Saitoh, Koichi, 4,525,723, Cl. 346-74.400.
  - Saitoh, Koichi; Itami, Teruhiko; and Kimoto, Toshifumi, 4,503,438, Cl. 346-74.400.
  - Saitoh, Koichi; Horie, Kiyoshi; Itami, Teruhiko; and Kimoto, Toshifumu, 4,558,327, Cl. 346-74.200.
  - Yamasawa, Akira; Itami, Teruhiko; and Kimoto, Toshifumi, 4,547,782, Cl. 346-74.400.
- Itamoto, Shigeru; Yasuda, Kenji; and Mikami, Senji, to Fuji Photo Optical Co., Ltd. Attraction holding device. 4,541,717, 9-17-85, Cl. 356-244.000.
- Itani, Abdallah M., to General Electric Company. Means and method for simultaneously triggering series SCR's. 4,535,400, 8-13-85, Cl. 363-68.000.
- Itani, Hikaru: *See—*
  - Yamamoto, Sadao; Itani, Hikaru; Takahashi, Hiromi; Tsuji, Teruji; and Nagata, Wataru, 4,539,148, Cl. 260-239.00A.
- Itatani, Hiroshi; Kashima, Mikito; and Suehiro, Tsutomu, to UBE Industries, Ltd. Process for preparing diesters of malonic acid. 4,539,423, 9-3-85, Cl. 560-204.000.
- Itaya, Hiroshi; and Nakatsugawa, Kenji, to Anritsu Electric Company Limited. Multiprocessor system. 4,504,906, 3-12-85, Cl. 364-200.000.
- Itaya, Hiroshi: *See—*
  - Nakatsugawa, Kenji; and Itaya, Hiroshi, 4,520,321, Cl. 328-133.000.
- Itaya, Kingo; Shibayama, Kimio; Toshima, Shinobu; Ataka, Tatsuaki; and Iwasa, Koji, to Seiko Instruments & Electronics Ltd. Electrochromic display devices using iron(III) hexacyanoferrate(II) salt. 4,498,739, 2-12-85, Cl. 350-357.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, to Konishiroku Photo Industry Co., Ltd. Means for developing an electrostatic latent image. 4,491,083, 1-1-85, Cl. 118-657.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, to Konishiroku Photo Industry Co., Ltd. Developing means for electrostatic latent image. 4,525,056, 6-25-85, Cl. 355-3.0DD.
- Itaya, Masahiko; Haneda, Satoshi; Tarumi, Noriyoshi; and Tomono, Makoto, to Konishiroku Photo Industry Co., Ltd. Toner cleaning method and apparatus in which voltage is impressed between electrostatic image holder and a film member. 4,530,595, 7-23-85, Cl. 355-15.000.
- Itaya, Masahiko; and Haneda, Satoshi, to Konishiroku Photo Industry Co., Ltd. Brush cleaning device. 4,530,597, 7-23-85, Cl. 355-15.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, to Konishiroku Photo Industry Co., Ltd. Apparatus and method for developing electrostatic latent image. 4,553,500, 11-19-85, Cl. 118-657.000.
- Itaya, Masahiko: *See—*
  - Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, 4,492,456, Cl. 355-3.0DD.
  - Haneda, Satoshi; Itaya, Masahiko; and Tomono, Makoto, 4,499,169, Cl. 430-102.000.
  - Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, 4,500,616, Cl. 430-45.000.
- Itaya, Nobushige: *See—*
  - Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.
- Itaya, Takashi: *See—*
  - Kikuchi, Hiroshi; Tanuma, Jiro; Koshida, Yoshinori; and Itaya, Takashi, 4,526,486, Cl. 400-185.000.
- Itec, Inc.: *See—*
  - Atkinson, Roger F., 4,502,049, Cl. 340-825.730.
- Itek Corporation: *See—*
  - Aldrich, Ralph E., 4,533,219, Cl. 350-487.000.
  - Aldrich, Ralph E.; and Daigneault, Steven M., 4,555,162, Cl. 350-162.170.
  - Aufiero, James M.; D'Agostino, William P., Jr.; and Moore, John P., 4,532,546, Cl. 358-111.000.
  - Bradley, William C., 4,562,467, Cl. 358-135.000.
  - Ehn, Dennis C., 4,531,160, Cl. 358-240.000.
  - Hannan, William J., 4,506,303, Cl. 358-302.000.
  - Hutchin, Richard A.; and Bradley, William C., 4,503,336, Cl. 250-578.000.
  - Hutchin, Richard A., 4,518,854, Cl. 250-201.000.
  - Kunica, Serge, 4,536,069, Cl. 354-265.000.
  - Lein, Juergen G.; and Robbins, Daniel H., 4,537,492, Cl. 355-3.0FU.
  - Smyth, Bruce E., 4,500,202, Cl. 356-237.000.
- Itemadani, Eizi: *See—*
  - Kenmochi, Kazuei; Sakairi, Tadashi; Maruyama, Yoshio; and Itemadani, Eizi, 4,519,761, Cl. 425-135.000.
- Itgenhorst, Dieter: *See—*
  - Kutz, Johannes; Itgenhorst, Dieter; and Kohnen, Julius, 4,506,526, Cl. 68-15.000.
- Itho, Yasuo; Kato, Hideo; Ogawa, Nobuo; Yamagishi, Kagari; Koshinaka, Eiichi; and Mitani, Kazuya, to Hokuriku Pharmaceutical Co., Ltd. N-substituted flavone-8-carboxamides. 4,525,356, 6-25-85, Cl. 514-234.000.
- Itikawa, Tadao: *See—*
  - Hayashi, Ikuo; Itikawa, Tadao; Ogihara, Keizo; and Shimizu, Kiyoshi, 4,525,576, Cl. 528-313.000.
  - Hayashi, Ikuo; Ogihara, Keizo; Itikawa, Tadao; and Shimizu, Kiyoshi, 4 559,172, Cl. 260-112.50R.
- ITM International Tool Machines Inc.: *See—*
  - Giebmanns, Karl-Heinz, 4,524,545, Cl. 51-99.000.
- Ito, Akihiko: *See—*
  - Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu, 4,524,333, Cl. 331-17.000.
  - Takayama, Yoshihisa; Gotoh, Kunihiko; Ito, Akihiko; Yamamura, Takeshi; and Fujita, Kazuyoshi, 4,536,949, Cl. 29-578.000.
- Ito, Akinori: *See—*
  - Kizawa, Hidenori; Fujiyama, Norimasa; Kobayashi, Jitsuo; and Ito, Akinori, 4,517,173, Cl. 424-16.000.
- Ito, Akio; Matsuda, Shunsuke; Murakami, Yoshinobu; and Tamura, Tooru, to Matsushita Electric Industrial Co., Ltd. Plastic lens of neopentyl glycol dimethacrylate copolymerized with methoxy diethylene glycol methacrylate or diethylene glycol dimethacrylate. 4,536,267, 8-20-85, Cl. 204-159.230.
- Ito, Akio; and Ito, Masao, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Method for producing capillary nibs for inscribing instruments. 4,547,244, 10-15-85, Cl. 156-167.000.
- Ito, Akira: *See—*
  - Isshiki, Tomiya; Nawata, Takanari; Kijima, Yasuhiko; Ito, Akira; and Watanabe, Takayuki, 4,517,377, Cl. 560-261.000.
  - Yagitani, Takayuki; Matsui, Hiromasa; Ito, Akira; and Ueno, Toshishige, 4,548,745, Cl. 252-567.000.

- Ito, Akitoshi: *See—*
  - Sakano, Hajime; Ito, Akitoshi; Yano, Motoichi; Honda, Yasuhiro; and Fujiwara, Takayoshi, 4,554,316, Cl. 525-71.000.
- Ito, Chikara: *See—*
  - Koeda, Kikuo; and Ito, Chikara, 4,562,050, Cl. 423-290.000.
- Ito, Eiji: *See—*
  - Yamada, Minoru; Ito, Eiji; and Nagai, Masaru, 4,519,691, Cl. 354-400.000.
- Ito, Eizi, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus with improved structure for cooling circuit elements. 4,520,425, 5-28-85, Cl. 361-384.000.
- Ito, Fumio: *See—*
  - Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, 4,496,227, Cl. 354-289.120.
  - Ito, Tadashi; Isobe, Yasuo; Ito, Fumio; and Nakamoto, Soichi, 4,534,640, Cl. 354-448.000.
  - Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, 4,512,656, Cl. 354-475.000.
- Ito, Hajime: *See—*
  - Yano, Naomichi; Makido, Isao; and Ito, Hajime, 4,510,921, Cl. 126-429.000.
- Ito, Haruhiko; and Sano, Mineo, to Mitsubishi Denki Kabushiki Kaisha. Electromagnet and method of producing the same. 4,502,031, 2-26-85, Cl. 335-277.000.
- Ito, Haruo: *See—*
  - Ito, Hideaki; and Ito, Haruo, 4,505,942, Cl. 426-551.000.
  - Kawaguchi, Seiji; Fujiwara, Takeki; Kodama, Shigeo; Ito, Haruo; and Yamamoto, Kyuemon, 4,540,065, Cl. 182-63.000.
  - Maeda, Koichi; and Ito, Haruo, 4,544,879, Cl. 324-57.00R.
- Ito, Hideaki; and Ito, Haruo. Manufacture of snack foods. 4,505,942, 3-19-85, Cl. 426-551.000.
- Ito, Hideo, to Nissan Motor Company, Limited. Toe-out change preventive swing-arm vehicle suspension. 4,530,514, 7-23-85, Cl. 280-701.000.
- Ito, Hideo; Kuroki, Junsuke; and Irie, Namio, to Nissan Motor Company, Limited. Swing-arm-type suspension with a lateral rod for an automotive vehicle. 4,537,420, 8-27-85, Cl. 280-661.000.
- Ito, Higashi: *See—*
  - Iwasaki, Takao; Ito, Higashi; and Watanabe, Seiichi, 4,540,838, Cl. 570-229.000.
- Ito, Hiroaki: *See—*
  - Ishii, Tsuneji; Ito, Hiroaki; and Ishikawa, Takamichi, 4,496,451, Cl. 204-252.000.
  - Suhara, Manabu; Sajima, Yasuo; Ito, Hiroaki; and Arai, Kiyotaka, 4,561,946, Cl. 204-98.000.
- Ito, Hiromasa: *See—*
  - Inaba, Humio; Ito, Hiromasa; and Ogawa, Yoh; 4,521,681, Cl. 250-205.000.
- Ito, Hirosato; and Takada, Daizo, to Osaka Gas Company Limited. Oxygen-enriched air ratio control device for combustion apparatus. 4,493,635, 1-15-85, Cl. 431-90.000.
- Ito, Hirosato, to Osaka Gas Company Limited. Liquid fuel combustion apparatus. 4,509,915, 4-9-85, Cl. 431-215.000.
- Ito, Hiroshi; Willson, Carlton G.; and Frechet, Jean M. J., to International Business Machines Corporation. Positive- and negative-working resist compositions with acid generating photoinitiator and polymer with acid labile groups pendant from polymer backbone. 4,491,628, 1-1-85, Cl. 430-176.000.
- Ito, Hiroshi, to Toyota Jidosha Kabushiki Kaisha. Device and method for accurately controlling automatic transmission with lockup clutch. 4,495,576, 1-22-85, Cl. 364-424.100.
- Ito, Hiroshi; Hasegawa, Kyusei; Takeuchi, Takashi; and Ikenaga, Takayuki, to Teikoku Oil Co., Ltd.; and Kao Corporation. Micelle solution compositions for recovering crude oil. 4,528,105, 7-9-85, Cl. 252-8.55D.
- Ito, Hiroshi; MacDonald, Scott A.; Miller, Robert D.; and Willson, Carlton G., to International Business Machines Corporation. Radiation sensitive and oxygen plasma developable resist. 4,552,833, 11-12-85, Cl. 430-325.000.
- Ito, Hiroshi: *See—*
  - Akashi, Teruo; Ito, Hiroshi; and Yamada, Shigemichi, 4,548,101, Cl. 74-720.000.
  - Harada, Nozomu; Ito, Hiroshi; and Adachi, Toshikazu, 4,523,544, Cl. 118-702.000.
  - Hult, Anders; Ito, Hiroshi; MacDonald, Scott A.; and Willson, Carlton G., 4,551,418, Cl. 430-325.000.
  - Kobayashi, Nobuyuki; and Ito, Hiroshi, 4,491,922, Cl. 364-431.070.
  - Kobayashi, Nobuyuki; and Ito, Hiroshi, 4,503,822, Cl. 123-416.000.
  - Kobayashi, Nobuyuki; Ito, Hiroshi; and Ohkawa, Nobuhisa, 4,513,710, Cl. 123-339.000.
  - Kobayashi, Nobuyuki; Ito, Hiroshi; and Sugiura, Yoichi, 4,543,634, Cl. 364-431.070.
  - Mizuno, Hiroshi; and Ito, Hiroshi, 4,532,902, Cl. 123-417.000.
  - Murakami, Katsuo; Yamazaki, Hitoshi; Tanaka, Norihiko; and Ito, Hiroshi, 4,559,470, Cl. 313-487.000.
  - Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.
  - Sakurai, Kunio; Ito, Hiroshi; and Nozaki, Takashi, 4,497,539, Cl. 350-164.000.
  - Yoshizawa, Kenji; Kodama, Hitoshi; Minowa, Yoshibumi; Komura, Hirotsugu; and Ito, Hiroshi, 4,498,029, Cl. 315-39.000.
- Ito, Hisakatsu: *See—*
  - Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
- Ito, Hisao, to Sanyo Electric Co., Ltd. System for securing combination radio and tape recorder. 4,510,589, 4-9-85, Cl. 369-11.000.
- Ito, Hisao: *See—*
  - Hamano, Toshihisa; Nakamura, Takeshi; and Ito, Hisao, 4,546,243, Cl. 250-211.00R.
- Ito, Jiro; Kitano, Masuo; and Sakamoto, Kenji, to Shamauchi Kieki Kabushiki Kaisha; and Kabushiki Kaisha Suwa Seikosha. Electronic analog timepiece with rotation detection circuit. 4,491,424, 1-1-85, Cl. 368-157.000.
- Ito, Kanichi; Hirayama, Yoshio; Takeuchi, Ryoichi; Kodaira, Masanori; and Iizuka, Gorou, to Ebara Corporation. Apparatus for composting. 4,495,290, 1-22-85, Cl. 435-315.000.
- Ito, Kathuhiko; Sugii, Hiroshi; Takata, Yukito; and Kokubu, Kyoichiro, to Daiichi Kigenso Kagaku Kogyo Co., Ltd. Methods for preparing amorphous zirconium phosphosilicate. 4,526,765, 7-2-85, Cl. 423-306.000.
- Ito, Katsumi; and Fuziwara, Osami, to Kubota, Ltd. Running vehicle. 4,537,271, 8-27-85, Cl. 180-131.000.
- Ito, Katsumi: *See—*
  - Sugihara, Hirosada; Nishikawa, Kohei; and Ito, Katsumi, 4,548,932, Cl. 514-211.000.
  - Yoshimura, Shingo; Ito, Katsumi; and Tanaka, Shigeru, 4,545,453, Cl. 180-131.000.
- Ito, Katsunori: *See—*
  - Omori, Norio; Tabe, Tsutomu; Ito, Katsunori; and Hayashi, Shukichi, 4,501,250, Cl. 123-486.000.
  - Yamazoe, Hisamitsu; Matsuura, Hideki; Ito, Katsunori; and Ohba, Masahiro, 4,526,042, Cl. 75-861.750.
- Ito, Katsuo; Murata, Bunjiro; and Yoshimura, Kazunori, to Murata Manufacturing Co., Ltd. CATV system. 4,507,627, 3-26-85, Cl. 333-105.000.
- Ito, Katsuo; Yoshimura, Kazunori; Tsuji, Kazuhiro; and Kontani, Kazuo, to Murata Manufacturing Co., Ltd. Fine adjusting mechanism for preset type tuner. 4,532,485, 7-30-85, Cl. 334-51.000.
- Ito, Katsutsune: *See—*
  - Nishioka, Nobuaki; Makio, Tatsumi; and Ito, Katsutsune, 4,524,370, Cl. 346-155.000.
- Ito, Katsuya, to Tokai Electric Wire Company Limited. Water-proof connector. 4,556,226, 12-3-85, Cl. 277-207.00A.
- Ito, Kazuhiko; and Utagawa, Ikuo, to Alps Electric Co., Ltd. Input device. 4,529,959, 7-16-85, Cl. 338-295.000.
- Ito, Kazuhiko: *See—*
  - Miyata, Hiroyasu; and Ito, Kazuhiko, 4,518,648, Cl. 428-256.000.
  - Miyata, Hiroyasu; and Ito, Kazuhiko, 4,524,256, Cl. 200-86.00R.
- Ito, Kazuo: *See—*
  - Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
  - Obata, Saburo; and Ito, Kazuo, 4,533,273, Cl. 401-190.000.
- Ito, Kazuomi: *See—*
  - Nishizawa, Jun-ichi; Ito, Kazuomi; and Okuno, Yasuo, 4,526,632, Cl. 148-171.000.
- Ito, Kazuyuki: *See—*
  - Akamine, Kazuhiko; Ebara, Katsuya; Ito, Kazuyuki; and Mitani, Shinji, 4,505,824, Cl. 210-695.000.
  - Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.
- Ito, Keiji: *See—*
  - Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.
- Ito, Keizo: *See—*
  - Kawano, Tadaaki; Ito, Keizo; and Nishida, Takashi, 4,561,760, Cl. 355-3.00R.
- Ito, Kengo, to Sony Corporation. Photosensitive imaging material. 4,496,646, 1-29-85, Cl. 430-271.000.
- Ito, Kenichi; Musha, Tohru; Kato, Kiichi; and Yamamoto, Kimiaki, to Olympus Optical Co., Ltd. Method and apparatus for detecting focussing and tracking error signals. 4,525,825, 6-25-85, Cl. 369-45.000.
- Ito, Kenichi: *See—*
  - Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, 4,505,584, Cl. 356-123.000.
  - Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, 4,509,830, Cl. 350-394.000.
  - Musha, Toru; and Ito, Kenichi, 4,544,838, Cl. 250-202.000.
- Ito, Kenji: *See—*
  - Kato, Kazuo; Hamada, Fumio; and Ito, Kenji, 4,518,683, Cl. 430-546.000.
  - Sugita, Hiroshi; Tsuda, Yasuo; Ito, Kenji; and Shimba, Satoru, 4,528,263, Cl. 430-544.000.
- Ito, Kenjiro: *See—*
  - Hoshino, Kazuo; Tanaka, Teruo; and Ito, Kenjiro, 4,550,487, Cl. 29-527.700.
- Ito, Kenzo; and Mizobata, Shiro, to Matsushita Electric Works, Ltd. Hair clipper. 4,542,585, 9-24-85, Cl. 30-210.000.
- Ito, Kenzo: *See—*
  - Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.
  - Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431.110.

Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, 4,499,544, Cl. 364-431.040.

Ito, Kichizo: *See—*

Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.

Ito, Kiyoshi, to Komori Printing Machinery Co., Ltd. Varnish coater for printed product. 4,524,712, 6-25-85, Cl. 118-46.000.

Ito, Koichi: *See—*

Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.

Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.

Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.

Toyoshima, Shigeshi; Kurono, Masayasu; Unno, Ryoichi; and Ito, Koichi, 4,560,679, Cl. 514-63.000.

Ito, Koji; Onishi, Masanori; and Hayashi, Hisao, to Tokyo Keiki Company, Ltd. Character information separating apparatus for printed character reading systems. 4,527,283, 7-2-85, Cl. 382-9.000.

Ito, Kunihiko: *See—*

Aoki, Akira; and Ito, Kunihiko, 4,514,869, Cl. 5-472.000.

Ito, Kunio: *See—*

Shirose, Meizo; Ito, Kunio; Takagiwa, Hiroyuki; Takahashi, Jiro; and Gunzi, Kouichi, 4,514,486, Cl. 430-124.000.

Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, 4,518,976, Cl. 346-153.100.

Ito, Kyoji: *See—*

Yomogida, Toshihiko; Suzuki, Yasuo; and Ito, Kyoji, 4,510,580, Cl. 364-900.000.

Ito, Masaaki: *See—*

Nakagawa, Junyo; Yamaguchi, Shinji; Hirakawa, Kiyoshi; Tokunaga, Isao; and Ito, Masaaki, 4,514,459, Cl. 428-229.000.

Ito, Masafumi; Nishimura, Shuichi; and Hara, Yoichi, to Nissan Motor Company, Limited. Auxiliary air supply apparatus for an internal combustion engine. 4,545,331, 10-8-85, Cl. 123-26.000.

Ito, Masahiko; and Ogihara, Toru, to Yoshida Kogyo K.K. Hooked fabric fastener tape. 4,541,154, 9-17-85, Cl. 24-442.000.

Ito, Masakazu; and Izawa, Hikaru, to NCR Corporation. Automatic document page turning apparatus. 4,545,141, 10-8-85, Cl. 40-531.000.

Ito, Masao: *See—*

Ito, Akio; and Ito, Masao, 4,547,244, Cl. 156-167.000.

Kaneko, Yasuyuki; Ito, Masao; Ogura, Yukio; and Ishikawa, Jiro, 4,505,821, Cl. 210-611.000.

Ito, Masatoshi: *See—*

Matsuda, Motonobu; and Ito, Masatoshi, 4,561,746, Cl. 354-400.000.

Ito, Masaya; Mori, Seiji; and Ishida, Noboru, to NGK Spark Plug Co., Ltd. Junction structure of turbine shaft. 4,557,704, 12-10-85, Cl. 464-181.000.

Ito, Masaya, to NGK Spark Plug Co., Ltd. Ceramic and aluminum alloy composite. 4,559,277, 12-17-85, Cl. 428-627.000.

Ito, Masayoshi: *See—*

Tanaka, Osamu; Iijima, Hiroshi; Ito, Masayoshi; and Okigawa, Etsumi, 4,519,649, Cl. 297-316.000.

Ito, Masazumi; and Nagata, Kenzo, to Minolta Camera Kabushiki Kaisha. Apparatus for detecting number of remaining sheets. 4,535,463, 8-13-85, Cl. 377-8.000.

Ito, Masazumi: *See—*

Shibazaki, Kenji; Irie, Yutaka; Ito, Masazumi; and Murata, Tomoji, 4,543,643, Cl. 364-900.000.

Ito, Michio; Kitajima, Nobuo; Kasai, Masanao; and Ishihara, Shunichi, to Canon Kabushiki Kaisha. Electrophotographic process and apparatus therefor. 4,551,003, 11-5-85, Cl. 355-3.00R.

Ito, Mitsuo: *See—*

Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.

Ito, Nobuei: *See—*

Atsumi, Morihiro; Yoshida, Hitoshi; Ito, Nobuei; and Atsumi, Kinya, 4,556,780, Cl. 219-270.000.

Yoshida, Hitoshi; Atsumi, Morihiro; Ito, Nobuei; and Atsumi, Kinya, 4,499,366, Cl. 219-270.000.

Ito, Nobuo: *See—*

Hirai, Kiyomiki; Takeuchi, Koji; Ito, Nobuo; and Abe, Masahiro, 4,530,991, Cl. 528-123.000.

Hirai, Kiyomiki; Takeuchi, Koji; Abe, Masahiro; and Ito, Nobuo, 4,544,733, Cl. 528-123.000.

Hirose, Takeshi; Ito, Nobuo; Hirai, Kiyomiki; and Takeuchi, Koji, 4,546,155, Cl. 525-504.000.

Takeuchi, Koji; Abe, Masahiro; Ito, Nobuo; and Hirai, Kiyomiki, 4,542,202, Cl. 528-96.000.

Ito, Norifumi: *See—*

Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.

Ito, Osamu; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; and Hasegawa, Takashi, to Nippondenso Co., Ltd. Fuel injection system for internal combustion engines. 4,494,511, 1-22-85, Cl. 123-463.000.

Ito, Osamu; Yamasaki, Harumasa; Minakata, Itsuo; and Nishizawa, Kazunori, to Kao Corporation. Twisted yarn. 4,524,577, 6-25-85, Cl. 57-200.000.

Ito, Osamu: *See—*

Umetsu, Yoshihiro; Muraishi, Masakazu; Ito, Osamu; and Kakeba, Masakatsu, 4,516,788, Cl. 280-6.00R.

Ito, Ran: *See—*

Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, 4,523,668, Cl. 192-107.00M.

Ito, Ryoichi. Stroke apparatus. 4,557,432, 12-10-85, Cl. 242-158.00R.

Ito, Ryosuke: *See—*

Tanaka, Susumu; and Ito, Ryosuke, 4,517,528, Cl. 330-297.000.

Ito, Sadayuki: *See—*

Tsuji, Akira; Ito, Sadayuki; and Fujimoto, Kazumi, 4,517,617, Cl. 360-133.000.

Ito, Satoru; and Endo, Masatoshi, to Diesel Kiki Co., Ltd. Fuel injection pump. 4,509,470, 4-9-85, Cl. 123-179.00L.

Ito, Seiji: *See—*

Hara, Takeo; and Ito, Seiji, 4,506,857, Cl. 248-655.000.

Ito, Seitoku: *See—*

Inagaki, Mitsuo; Ito, Seitoku; and Aoki, Hisashi, 4,502,850, Cl. 417-440.000.

Inagaki, Mitsuo; Ito, Seitoku; Takeda, Kenji; and Kurokawa, Yoshiki, 4,557,670, Cl. 417-299.000.

Ito, Shiro: *See—*

Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.

Ito, Shoichi: *See—*

Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.

Yamauchi, Koji; Ito, Shoichi; and Tadokoro, Hiroyuki, 4,527,093, Cl. 315-307.000.

Ito, Shotaro: *See—*

Sugio, Takashi; Obata, Makoto; and Ito, Shotaro, 4,538,963, Cl. 416-203.000.

Ito, Susumu: *See—*

Inaba, Hajimu; Nakashima, Seiichiro; Inagaki, Shigemi; and Ito, Susumu, 4,502,830, Cl. 414-735.000.

Inaba, Hajimu; Inagaki, Shigemi; and Ito, Susumu, 4,538,639, Cl. 137-580.000.

Ito, Syuji: *See—*

Nishizawa, Hiroshi; Ando, Saburo; and Ito, Syuji, 4,562,532, Cl. 364-200.000.

Ito, Tadashi; Isobe, Yasuo; Ito, Fumio; and Nakamoto, Soichi, to Canon Kabushiki Kaisha. Exposure control system for a camera having a digital computer. 4,534,640, 8-13-85, Cl. 354-448.000.

Ito, Tadashi: *See—*

Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, 4,512,656, Cl. 354-475.000.

Ito, Takaaki; and Kato, Takashi, to Toyota Jidosha Kabushiki Kaisha. Variable-venturi carburetor. 4,519,957, 5-28-85, Cl. 261-44.00C.

Ito, Takaaki: *See—*

Tamura, Yoshio; Ito, Takaaki; and Morino, Toshiharu, 4,508,664, Cl. 261-44.00C.

Ito, Takao: *See—*

Ohsawa, Kenji; Ito, Takao; Ohsawa, Masayuki; and Kurata, Keiji, 4,528,064, Cl. 156-630.000.

Ito, Takashi; Sugii, Toshihiro; Fukano, Tetsu; and Horie, Hiroshi, to Fujitsu Limited. Method of producing semiconductor device. 4,545,114, 10-8-85, Cl. 29-579.000.

Ito, Takashi: *See—*

Hijiva, Shinpei; and Ito, Takashi, 4,491,859, Cl. 357-41.000.

Ito, Takayasu: *See—*

Nishijima, Hideo; Fukushima, Isao; Teshima, Tsunehiko; Kobori, Yasunori; and Ito, Takayasu, 4,503,369, Cl. 318-254.000.

Ito, Takefumi: *See—*

Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.

Ito, Takehiko: *See—*

Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.

Ito, Takeo: *See—*

Koike, Norio; Ito, Takeo; Watanabe, Shingo; and Ikari, Kunihiro, 4,491,629, Cl. 430-176.000.

Kurachi, Hisao; Ito, Takeo; Iwase, Takayuki; and Shiota, Junji, 4,533,267, Cl. 400-214.000.

Ito, Takeshi, to Coret & Company, Ltd.; and Machine Engineering Co., Ltd. Fly reel. 4,515,325, 5-7-85, Cl. 242-84.51R.

Ito, Takeyasu; and Kuwajima, Teruaki, to Nippon Paint Co., Ltd. Anticorrosive metal surface pretreating composition. 4,540,733, 9-10-85, Cl. 524-407.000.

Ito, Tatsuo, to Fujitsu Ten Limited. Radio receiver of electronic tuning system having automatic presetting circuit. 4,491,975, 1-1-85, Cl. 455-166.000.

Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, to Meiji Seika Kaisha Ltd. Antiviral agents. 4,536,398, 8-20-85, Cl. 514-43.000.

Ito, Tatsuo, to Fujitsu Ten Limited. Delay circuit. 4,539,712, 9-3-85, Cl. 455-184.000.

Ito, Tatsuo: *See—*
- Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, 4,506,266, Cl. 343-715.000.

Ito, Teruyoshi; and Abe, Shigeya, to Nippondenso Co., Ltd. Ignition system including ignition distributor integrated with ignition coil. 4,527,535, 7-9-85, Cl. 123-617.000.

Ito, Teruyoshi: *See—*
- Matsui, Takeski; Ohyama, Hideo; Tachi, Ryosuke; Ito, Teruyoshi; and Kawai, Motoshi, 4,519,038, Cl. 364-431.030.

Ito, Tetsuo: *See—*
- Arita, Setsuo; and Ito, Tetsuo, 4,520,483, Cl. 371-68.000.
- Kamimura, Hiroshi; and Ito, Tetsuo, 4,542,479, Cl. 364-900.000.
- Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,494,954, Cl. 8-507.000.
- Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,550,001, Cl. 264-2.600.

Ito, Tetsuro, to Mitsubishi Denki Kabushiki Kaisha. Fabricating machine. 4,491,712, 1-1-85, Cl. 219-69.00G.

Ito, Tetsuro, to Mitsubishi Denki Kabushiki Kaisha. Electric discharge machining apparatus. 4,510,364, 4-9-85, Cl. 219-69.00G.

Ito, Tokuhisa; Ohno, Hideaki; Kurata, Izumi; and Okuyama, Takashi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Automatic focusing apparatus in optical drawing machine. 4,512,642, 4-23-85, Cl. 354-4.000.

Ito, Tomoo; Kamifuji, Hiroshi; Kobayashi, Haruhiko; and Itakura, Tomiya, to Hitachi, Ltd.; and Hitachi Automotive Engineering Co., Ltd. Air-fuel ratio control system for engine starting. 4,494,498, 1-22-85, Cl. 123-179.00G.

Ito, Tomoo: *See—*
- Kamifuji, Hiroshi; Ito, Tomoo; and Niida, Chiaki, 4,522,175, Cl. 123-339.000.
- Kamifuji, Hiroshi; Ito, Tomoo; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,547,852, Cl. 364-431.040.

Ito, Toshifumi: *See—*
- Kurata, Noboru; and Ito, Toshifumi, 4,530,681, Cl. 474-111.000.

Ito, Toshiharu; Ozeki, Eiji; and Okada, Kozo, to NGK Spark Plug Co., Ltd. Piezoelectric ultrasonic transducer with porous plastic housing. 4,556,814, 12-3-85, Cl. 310-334.000.

Ito, Toshimichi: *See—*
- Sarumaru, Kohei; Iwakura, Tomoatsu; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, 4,551,571, Cl. 585-440.000.

Ito, Toshimitsu; and Norota, Kazuhiko, to Toyota Jidosha Kabushiki Kaisha. Method of electronically controlling fuel injection for internal combustion engine. 4,508,086, 4-2-85, Cl. 123-492.000.

Ito, Toshimitsu; and Isobe, Toshiaki, to Toyota Jidosha Kabushiki Kaisha. Internal combustion engine with fuel injection system. 4,512,318, 4-23-85, Cl. 123-492.000.

Ito, Toshimitsu; and Isobe, Toshiaki, to Toyota Jidosha Kabushiki Kaisha. Air fuel ratio control method. 4,517,949, 5-21-85, Cl. 123-489.000.

Ito, Toshimitsu; and Kobayashi, Nobuyuki, to Toyota Jidosha Kabushiki Kaisha. Method of learn-controlling air-fuel ratio for internal combustion engine. 4,539,958, 9-10-85, Cl. 123-440.000.

Ito, Toshimitsu; Isobe, Toshiaki; and Hattori, Takashi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Temperature-feedback electronic engine control apparatus and method. 4,550,373, 10-29-85, Cl. 364-431.040.

Ito, Toshimitsu; and Kobayashi, Nobuyuki, to Toyota Jidosha Kabushiki Kaisha. Air/fuel ratio feedback control for an internal combustion engine. 4,556,033, 12-3-85, Cl. 123-440.000.

Ito, Toshimitsu, to Toyota Jidosha Kabushiki Kaisha. Method and system for controlling idle speed in an internal combustion engine. 4,557,234, 12-10-85, Cl. 123-339.000.

Ito, Toshimitsu: *See—*
- Fujimura, Kazushiro; and Ito, Toshimitsu, 4,519,355, Cl. 123-491.000.

Ito, Toshio, to Nichiban Co., Ltd.; Nippon Kayaku Kabushiki Kaisha; and Taiho Pharmaceutical Company Limited. Medicinal adhesive sheets for heart diseases and a process for the preparation thereof. 4,505,891, 3-19-85, Cl. 424-28.000.

Ito, Toshio; Futakawa, Akemi; and Nakazaki, Osamu, to Mitsubishi Denki Kabushiki Kaisha. Fluttering kite. 4,530,477, 7-23-85, Cl. 244-153.00R.

Ito, Toshio: *See—*
- Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.

Ito, Toshiyo; and Ohshima, Jiro, to Kabushiki Kaisha Toshiba. Method of forming through holes by differential etching of stacked silicon oxynitride layers. 4,543,707, 10-1-85, Cl. 29-578.000.

Ito, Tosikazu; and Takahashi, Reijiro, to Hitachi, Ltd. Automobile air conditioner. 4,513,808, 4-30-85, Cl. 165-43.000.

Ito, Tosikazu; Komathuzaki, Kiyomi; Chonan, Kenichi; and Horibe, Kiyoshi, to Hitachi, Ltd. Vacuum actuator. 4,515,066, 5-7-85, Cl. 91-454.000.

Ito, Tsugutaka: *See—*
- Uno, Hitoshi; Karasawa, Tadahiko; Kon, Tatsuya; and Ito, Tsugutaka, 4,528,299, Cl. 514-428.000.

Ito, Tsukasa, to Clarion Co., Ltd. Light-emitting diode displayer. 4,538,143, 8-27-85, Cl. 340-719.000.

Ito, Tsuneo: *See—*
- Yokoi, Shinichi; and Ito, Tsuneo, 4,502,430, Cl. 123-145.00A.

Ito, Tsuyoshi: *See—*
- Itagaki, Takaharu; Ito, Tsuyoshi; Ando, Kiyoto; and Teshima, Hiromi, 4,543,365, Cl. 521-53.000.

Ito, Uji: *See—*
- Matsuura, Shigeo; Ito, Uji; and Yakushiji, Yasuhiro, 4,553,702, Cl. 340-825.640.

Ito, Yasumichi: *See—*
- Morozumi, Mitsuharu; Ito, Yasumichi; Hiramatsu, Takeshi; and Asai, Minoru, 4,530,970, Cl. 525-193.000.

Ito, Yasunobu, to Aisin Warner Kabushiki Kaisha. Leak-tight connector for electrical cables. 4,492,421, 1-8-85, Cl. 339-59.00R.

Ito, Yasunobu: *See—*
- Hayakawa, Yoichi; and Ito, Yasunobu, 4,503,927, Cl. 180-247.000.
- Hayakawa, Yoichi; Yokoyama, Shoji; and Ito, Yasunobu, 4,547,178, Cl. 474-11.000.

Ito, Yasunori: *See—*
- Ohta, Hideo; Hakuzen, Tatuzo; Ito, Yasunori; and Takagi, Fusao, 4,512,829, Cl. 156-659.100.

Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, to Ito, Yasuro; and Taisei Corporation. Method and apparatus for applying mortar or concrete. 4,492,478, 1-8-85, Cl. 366-28.000.

Ito, Yasuro; Higuchi, Yoshiro; and Aida, Seiichi, to Ito, Yasuro; and Taisei Corporation. Method and apparatus for adjusting the quantity of water deposited on a fine aggregate. 4,547,975, 10-22-85, Cl. 34-8.000.

Ito, Yasuyuki: *See—*
- Sugawara, Toru; and Ito, Yasuyuki, 4,506,160, Cl. 250-427.000.

Ito, Yo: *See—*
- Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.
- Shibuya, Kiyoshi; Kan, Takahiro; and Ito, Yo, 4,518,029, Cl. 164-463.000.
- Shibuya, Kiyoshi; Yukumoto, Masao; Kan, Takahiro; and Ito, Yo, 4,546,814, Cl. 164-455.000.

Ito, Yoichiro, to United States of America, Health and Human Services. Multi-layer coil assembly coaxially mounted around the rotary axis for preparatory countercurrent chromatography. 4,532,039, 7-30-85, Cl. 210-198.200.

Ito, Yoichiro: *See—*
- Kolobow, Theodor; and Ito, Yoichiro, 4,551,251, Cl. 210-635.000.

Ito, Yoji; Inoue, Yozo; Hara, Kiyoshi; Muramoto, Kazuo; and Miura, Kunio, to Nippondenso Co., Ltd. Navigator for vehicles. 4,514,810, 4-30-85, Cl. 364-424.000.

Ito, Yoji: *See—*
- Nojiri, Tadao; Kanamaru, Kenji; Matsuyama, Masahiro; Nishikawa, Takayoshi; and Ito, Yoji, 4,503,528, Cl. 367-198.000.

Ito, Yoshimasa: *See—*
- Shimizu, Shoji; Asakawa, Shirow; Saito, Yukihiro; and Ito, Yoshimasa, 4,553,988, Cl. 55-158.000.

Ito, Yoshinori, to Nippon Electric Co., Ltd. Echo canceller for a long-distance telephone network. 4,527,020, 7-2-85, Cl. 179-170.200.

Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, to Toyota Jidosha Kabushiki Kaisha. Diesel fuel injection pump fuel injection cutoff upon detection of excessive actual fuel combustion time. 4,519,353, 5-28-85, Cl. 123-359.000.

Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, to Toyota Jidosha Kabushiki Kaisha. Diesel fuel injection pump with fuel injection cutoff upon detection of excessive actual fuel combustion time. 4,520,780, 6-4-85, Cl. 123-359.000.

Ito, Yoshiyasu; Suematsu, Toshio; Takeda, Yuji; and Anzai, Katsushi, to Toyota Jidosha Kabushiki Kaisha. Method for regulating intake air flow for internal combustion engines. 4,545,349, 10-8-85, Cl. 123-339.000.

Ito, Yoshiyuki: *See—*
- Okuya, Tsutae; and Ito, Yoshiyuki, 4,504,818, Cl. 338-119.000.

Ito, Yuji, to Canon Kabushiki Kaisha. Eye inspection apparatus with variable field angle. 4,502,766, 3-5-85, Cl. 351-206.000.

Ito, Yuji, to Toyota Jidosha Kabushiki Kaisha. Coil spring compressor, with vertically adjustable clamp carriage. 4,520,543, 6-4-85, Cl. 29-227.000.

Ito, Yuji: *See—*
- Murata, Toshinori; Ito, Yuji; and Kazumi, Masafumi, 4,559,560, Cl. 358-167.000.

Ito, Yukio; and Koshio, Yoshihiro, to Musashi Co., Ltd.; and Hitachi Denshi Engineering Kabushiki Kaisha. Device for placing banknotes with their front or reverse sides facing in the same direction. 4,506,882, 3-26-85, Cl. 271-303.000.

Ito, Yukio; Takai, Kazuki; and Takagi, Satoshi, to Clarion Co., Ltd. Head shift mechanism in a magnetic tape apparatus. 4,523,241, 6-11-85, Cl. 360-105.000.

Ito, Yukio: *See—*
- Hayashi, Hideki; Endo, Sadayoshi; Ito, Yukio; and Takagi, Satoshi, 4,497,001, Cl. 360-74.200.
- Hayashi, Hideki; Ito, Yukio; Akiike, Yukio; and Kinoshita, Shigeo, 4,511,103, Cl. 242-186.000.
- Hayashi, Hideki; Takagi, Satoshi; Ito, Yukio; and Endo, Sadayoshi, 4,538,753, Cl. 226-199.000.
- Kanehori, Keiichi; Miyauchi, Katsuki; Ito, Yukio; Kirino, Fumiyoshi; and Kudo, Tetsuichi, 4,555,456, Cl. 429-131.000.

Itoga, Kouyu: *See—*
- Yoshida, Toshio; Itoga, Kouyu; Matsui, Shigetomo; and Atsuta, Toshio, 4,509,776, Cl. 285-55.000.

Itoh, Akira; and Takemura, Akira, to Mitsubishi Paper Mills, Ltd. Colored silver halide photographic photosensitive materials. 4,497,894, 2-5-85, Cl. 430-522.000.

Itoh, Ayao: *See—*
- Aida, Satoshi; and Itoh, Ayao, 4,558,709, Cl. 128-719.000.

Itoh, Haruo; Tokiguchi, Katsumi; Warabisako, Terunori; Saitoh, Tadashi; and Tokuyama, Takashi, to Hitachi, Ltd. Non-mass-analyzed ion implantation. 4,533,831, 8-6-85, Cl. 250-492.200.

Itoh, Hayami: *See—*
  Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.

Itoh, Hideki: *See—*
  Itoh, Hideo; Itoh, Hideki; and Itoh, Hideya, 4,553,636, Cl. 182-231.000.

Itoh, Hidekuni, to Kabushiki Kaisha Showa Seisakusho. Damping force generating device for an oil damper. 4,515,253, 5-7-85, Cl. 188-314.000.

Itoh, Hideo; Itoh, Hideki; and Itoh, Hideya. Lifesaving apparatus for escaping from a building. 4,553,636, 11-19-85, Cl. 182-231.000.

Itoh, Hidetoshi: *See—*
  Kikuchi, Yoshiyasu; Shutoh, Masamichi; Miyai, Hitoshi; and Itoh, Hidetoshi, 4,495,600, Cl. 364-900.000.

Itoh, Hideya: *See—*
  Itoh, Hideo; Itoh, Hideki; and Itoh, Hideya, 4,553,636, Cl. 182-231.000.

Itoh, Hiroshi: *See—*
  Chikaraishi, Takayo; and Itoh, Hiroshi, 4,530,184, Cl. 49-213.000.
  Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.
  Tanaka, Tatsuo; Itoh, Hiroshi; and Sugiyama, Akihiko, 4,495,779, Cl. 62-211.000.

Itoh, Hirotaka: *See—*
  Kusui, Akio; Morita, Shuji; Kudoh, Toshio; Tanaka, Yasuo; and Itoh, Hirotaka, 4,508,414, Cl. 339-143.00R.

Itoh, Hiroyasu; Suzuki, Yasutoshi; Horiuchi, Yasuhiro; and Hara, Kunihiko, to Nippondenso Co., Ltd. Packaged solar cell apparatus. 4,551,669, 11-5-85, Cl. 323-268.000.

Itoh, Hisao: *See—*
  Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, 4,560,866, Cl. 250-216.000.

Itoh, Isamu; and Hirose, Takeshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light sensitive material containing a coupler containing at least one of a sulfamoylphenylenesulfonyl, sulfamoylaminophenylenesulfonyl, or sulfoamidophenylenesulfonyl group. 4,525,450, 6-25-85, Cl. 430-552.000.

Itoh, Isamu: *See—*
  Ichijima, Seiji; Mihayashi, Keiji; and Itoh, Isamu, 4,522,917, Cl. 430-564.000.
  Kitaguchi, Hiroshi; Itoh, Isamu; Fujiwara, Itsuo; Nozawa, Yasushi; and Kokubo, Tadayoshi, 4,546,075, Cl. 430-617.000.
  Miyasaka, Tsutomu; Kobayashi, Hidetoshi; Itoh, Isamu; and Hirano, Shigeo, 4,550,070, Cl. 430-202.000.
  Nakajima, Junya; Itoh, Isamu; Yamamuro, Kiyohiko; and Ogawa, Eiiti, 4,506,007, Cl. 430-393.000.
  Ohmura, Kunioki; Torigoe, Masaaki; Itoh, Isamu; and Hayashi, Katsumi, 4,500,632, Cl. 430-428.000.
  Ono, Mitsunori; Itoh, Isamu; Mihayashi, Keiji; and Karino, Yukio, 4,500,636, Cl. 430-566.000.
  Ono, Mitsunori; and Itoh, Isamu, 4,554,243, Cl. 430-543.000.
  Yamamuro, Kiyohiko; Hirano, Shigeo; Itoh, Isamu; and Iwasa, Yasuo, 4,508,816, Cl. 430-393.000.
  Yamamuro, Kiyohiko; Iwasa, Yasuo; and Itoh, Isamu, 4,554,246, Cl. 430-611.000.

Itoh, Isao: *See—*
  Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, 4,500,597, Cl. 428-317.700.

Itoh, Jiro, to Rinnai Corporation. Infrared gas burner plate. 4,508,502, 4-2-85, Cl. 431-328.000.

Itoh, Katsuhisa: *See—*
  Tanabe, Zenichi; Itoh, Katsuhisa; and Watanabe, Yoshiaki, 4,521,284, Cl. 204-71.000.

Itoh, Katsuji: *See—*
  Matsuo, Masashi; Itoh, Katsuji; Hayashi, Takao; and Oda, Yoshio, 4,504,401, Cl. 252-8.750.

Itoh, Katsuoki: *See—*
  Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, 4,516,729, Cl. 239-453.000.

Itoh, Katsuyuki; Itoh, Shinichi; and Otsuki, Michiaki, to Oki Electric Industry Co., Ltd. Developing apparatus using magnetic developer. 4,545,670, 10-8-85, Cl. 355-3.0DD.

Itoh, Kazuhiro; Sugisaki, Mutsuo; and Tanaka, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Method of assembling a reciprocating compressor. 4,532,685, 8-6-85, Cl. 29-156.40R.

Itoh, Kazuhiro: *See—*
  Tanaka, Hiroshi; Sugisaki, Mutuo; and Itoh, Kazuhiro, 4,539,895, Cl. 92-249.000.

Itoh, Kazuhito; and Kondo, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Shift fork lubricating system for transmission. 4,541,510, 9-17-85, Cl. 184-6.120.

Itoh, Ken: *See—*
  Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, 4,534,821, Cl. 156-617.0SP.

Itoh, Kenji, to Victor Company of Japan, Ltd. Magnetic reproducing apparatus having a capstan servo circuit. 4,539,606, 9-3-85, Cl. 360-70.000.

Itoh, Kenji, to Victor Company of Japan, Ltd. Motor servo circuit for a magnetic recording and reproducing apparatus. 4,562,394, 12-31-85, Cl. 318-608.000.

Itoh, Kiyoo: *See—*
  Etoh, Jun; Kawajiri, Yoshiki; Hori, Ryoichi; and Itoh, Kiyoo, 4,503,522, Cl. 365-203.000.

Itoh, Kunio; Oshima, Toshimichi; and Nakamura, Tsutomu, to Shin-Etsu Chemical Co., Ltd. Flame-retardant rubber composition. 4,533,687, 8-6-85, Cl. 524-80.000.

Itoh, Kunio: *See—*
  Nakamura, Tsutomu; and Itoh, Kunio, 4,560,719, Cl. 524-269.000.
  Shimizu, Hirokazu; Itoh, Kunio; Sugino, Takashi; and Wada, Masaru, 4,546,478, Cl. 372-36.000.
  Sugino, Takashi; Itoh, Kunio; Wada, Masaru; and Shimizu, Hirokazu, 4,520,485, Cl. 372-48.000.

Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, to Hitachi, Ltd.; and Nisshin Steel Co., Ltd. Process for partial hot dipping of steel strips. 4,505,760, 3-19-85, Cl. 148-6.15R.

Itoh, Masaki, to Kawasaki Jukogyo Kabushiki Kaisha. Device for mounting container box on motorcycle. 4,501,384, 2-26-85, Cl. 224-32.00A.

Itoh, Masaki: *See—*
  Esho, Sotaro; Itoh, Masaki; and Matsuoka, Masaru, 4,504,548, Cl. 428-426.000.

Itoh, Masaru, to Toyoda Gosei Co., Ltd. Apparatus for vulcanization of rubber by dielectric heating. 4,544,339, 10-1-85, Cl. 425-174.80R.

Itoh, Masataka; and Katoh, Shohichi, to Sharp Kabushiki Kaisha. Two-dimensional image readout device. 4,541,015, 9-10-85, Cl. 358-212.000.

Itoh, Masataka; and Katoh, Shohichi, to Sharp Kabushiki Kaisha. Two-dimensional image reader. 4,559,564, 12-17-85, Cl. 358-293.000.

Itoh, Masayuki: *See—*
  Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, 4,528,246, Cl. 428-596.000.
  Miyauchi, Masami; and Itoh, Masayuki, 4,517,158, Cl. 420-584.000.
  Nagasawa, Shiro; Morimoto, Naruaki; Fujimura, Toshio; Itoh, Masayuki; and Taniguchi, Shinya, 4,542,730, Cl. 123-489.000.

Itoh, Michio; Tsukamoto, Takehiro; Watanabe, Shuichi; Kinoshita, Takeshi; and Tomita, Seisuke, to Bridgestone Tire Company Limited. Radial tires. 4,545,416, 10-8-85, Cl. 152-539.000.

Itoh, Mikio: *See—*
  Ozawa, Hidekiyo; Itoh, Mikio; and Yoshida, Akira, 4,491,935, Cl. 364-900.000.

Itoh, Satoru, to Fuji Xerox Co., Ltd. Image outputting device. 4,513,325, 4-23-85, Cl. 358-280.000.

Itoh, Senji; Tanahashi, Toshifumi; and Ishibashi, Kazuhisa, to Toyo Seikan Kaisha, Ltd. Utilizing particulate adhesive for laminating plastic film to the surface of metal. 4,552,605, 11-12-85, Cl. 156-273.300.

Itoh, Senji: *See—*
  Tanahashi, Toshifumi; and Itoh, Senji, 4,533,576, Cl. 428-35.000.

Itoh, Shigeru: *See—*
  Ueno, Ryuzo; Tsuchiya, Hiroaki; and Itoh, Shigeru, 4,530,724, Cl. 106-288.00Q.

Itoh, Shinichi: *See—*
  Itoh, Katsuyuki; Itoh, Shinichi; and Otsuki, Michiaki, 4,545,670, Cl. 355-3.0DD.

Itoh, Shinji; and Moroji, Takashi, to Shionogi & Co., Ltd. Psychotropic drugs. 4,552,865, 11-12-85, Cl. 514-15.000.

Itoh, Shuji; and Hayashi, Koichi, to Kyokuto Fatty-Acid Corporation. Apparatus for producing composite corrugating media for the manufacture of corrugated fiberboard and method of making same. 4,498,943, 2-12-85, Cl. 156-164.000.

Itoh, Shuji; and Hayashi, Koichi, to Kyokuto Fatty-Acid Corporation. Apparatus for producing composite corrugating media for the manufacture of corrugated fiberboard and method of making same. 4,544,436, 10-1-85, Cl. 156-549.000.

Itoh, Susumu: *See—*
  Sato, Katsutoshi; Itoh, Susumu; and Aoshima, Masaru, 4,530,428, Cl. 193-40.000.

Itoh, Tadatsugu, to Minicam Research Corporation. Battery rapid charging circuit. 4,499,415, 2-12-85, Cl. 320-5.000.

Itoh, Takaaki: *See—*
  Nakamura, Norihiko; Itoh, Takaaki; and Morino, Toshiharu, 4,491,550, Cl. 261-44.00C.
  Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; Ota, Yozo; and Morino, Toshiharu, 4,493,804, Cl. 261-44.00C.
  Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.
  Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,562,012, Cl. 261-44.00C.

Itoh, Takashi: *See—*
  Yamazaki, Yoshio; and Itoh, Takashi, 4,552,451, Cl. 355-15.000.

Itoh, Takuji; and Akitsuki, Ikuo, to Toa Nenryo Kogyo Kabushiki Kaisha. Hydrogenation process. 4,497,909, 2-5-85, Cl. 502-262.000.

Itoh, Tatsuo; and Stephan, Karl D., to Board of Regents, The University of Texas System. Quasi-optical polarization duplexed balanced mixer. 4,509,209, 4-2-85, Cl. 455-327.000.

Itoh, Tatsuo: *See—*
  Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, 4,548,816, Cl. 424-116.000.

Itoh, Teruyoshi: *See*—

Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, 4,498,331, Cl. 73-35.000.

Itoh, Tetsuroh, to Mitsubishi Denki Kabushiki Kaisha. Wire EDM for detecting discharge concentrations using inductance. 4,559,432, 12-17-85, Cl. 219-69.00W.

Itoh, Tomiyoshi: *See*—

Kawamura, Yasuo; Nishiyama, Tadashi; Itoh, Tomiyoshi; and Sakai, Takuo, 4,521,406, Cl. 424-94.000.

Itoh, Toshiaki: *See*—

Seki, Eiji; Tai, Ichiro; Shirayama, Shimpey; Itoh, Toshiaki; Endo, Yorimasa; and Fukushima, Toshiki, 4,493,811, Cl. 376-254.000.

Itoh, Toshio: *See*—

Sawa, Yuji; Itoh, Toshio; and Adachi, Kuniomi, 4,534,155, Cl. 53-459.000.

Itoh, Toshiyasu; and Mori, Takaaki, to Toyoda Gosei Co., Ltd. Resin article having a ceramics coating layer. 4,537,814, 8-27-85, Cl. 428-217.000.

Itoh, Toyotsugu; and Muramatsu, Toshio, to Konishiroku Photo Industry Co., Ltd. Optical beam scanning apparatus including a cylindrical lens having its opposite ends closer to the scanned plane than its medial portion. 4,496,209, 1-29-85, Cl. 350-6.800.

Itoh, Tsukasa, to Clarion Co., Ltd. Method of mounting electric part onto a substrate. 4,506,443, 3-26-85, Cl. 29-840.000.

Itoh, Yasuhiro, to Iwatsu Electric Co., Ltd. Variable gain amplifier. 4,523,153, 6-11-85, Cl. 330-254.000.

Itoh, Yasuo; Kato, Hideo; Ogawa, Nobuo; Koshinaka, Eiichi; Suzuki, Tomio; and Yagi, Noriyuki, to Hokuriku Pharmaceutical Co., Ltd. 6-fluoro-1, 4-dihydro-4-oxo-7-substituted piperazinylquinoline-3-carboxylic acids and the method for preparing the same. 4,528,287, 7-9-85, Cl. 514-254.000.

Itoh, Yasuo; Kato, Hideo; Matsumura, Kugako; Nishikawa, Tomoyasu; Hisano, Akira; Yamada, Takehisa; and Koshinaka, Eiichi, to Hokuriku Pharmaceutical Co., Ltd. Antiinflammatory and antipyretic cream. 4,534,980, 8-13-85, Cl. 514-570.000.

Itoh: Yoji: *See*—

Kumagai, Naotake; Tatemoto, Minoru; Itoh: Yoji; and Inuzuka, Tokushige, 4,516,545, Cl. 123-192.00R.

Itoh, Yoshie, to Wagner Shokai, Inc. Slot machine. 4,504,058, 3-12-85, Cl. 273-143.00R.

Itoh, Yoshifumi, to Mitsubishi Denki Kabushiki Kaisha. Simulation unit sharing the same CPU as a programming control unit. 4,494,191, 1-15-85, Cl. 364-200.000.

Itoh, Yoshimasa; and Asakawa, Shiroh, to Matsushita Electric Industrial Co., Ltd. Oxygen enriched gas supply arrangement for combustion. 4,537,606, 8-27-85, Cl. 55-158.000.

Itoh, Yoshimasa: *See*—

Kiba, Hiroshi; Itoh, Yoshimasa; and Kiryu, Kiyuji, 4,498,414, Cl. 118-663.000.

Itoh, Yukio; Takai, Kazuki; and Takagi, Satoshi, to Clarion Co., Ltd. Transmission system in a cam mechanism. 4,519,269, 5-28-85, Cl. 74-483.00R.

Itoi, Hideyuki: *See*—

Asanae, Masumi; Noguchi, Koji; Itoi, Hideyuki; and Funakoshi, Katsumi, 4,529,680, Cl. 430-106.600.

Itoi, Hiroshi: *See*—

Komiyama, Noboru; Itoi, Hiroshi; and Sano, Hiroshi, 4,512,968, Cl. 424-48.000.

Itoi, Kazuo: *See*—

Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.

Itoi, Toru. Outerwear and bag in one. 4,502,154, 3-5-85, Cl. 2-108.000.

Itoi, Toru. Outerwear and bag in one. 4,502,155, 3-5-85, Cl. 2-115.000.

Itoigawa, Keiichi: *See*—

Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, 4,521,750, Cl. 333-28.00R.

Itoki Kosakusho Co., Ltd.: *See*—

Matimura, Tugumi, 4,555,828, Cl. 16-95.00R.

Takamatsu, Shunicti, 4,515,508, Cl. 414-280.000.

Itou, Atsuo: *See*—

Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.

Itou, Keiji: *See*—

Shimoji, Koji; Hangeisi, Suekiti; and Itou, Keiji, 4,513,841, Cl. 181-252.000.

Itou, Susumu; Abe, Kishirou; and Kunou, Morishi, to Tomy Kogyo Kabushiki Kaisha. Method of shaping and machining disc wheel and equipment therefor. 4,561,275, 12-31-85, Cl. 72-70.000.

Itou, Susumu: *See*—

Ishii, Sugao; Itou, Susumu; Kawamura, Mikio; and Tsukamoto, Tadashi, 4,496,063, Cl. 212-270.000.

Itou, Takaaki; Katou, Takashi, and Morino, Toshiharu, to Toyota Jidosha Kabushiki Kaisha; and Aisan Industry Co., Ltd. Variable venturi-type carburetor. 4,495,112, 1-22-85, Cl. 261-41.00D.

Itou, Takaaki: *See*—

Katou, Takashi; and Itou, Takaaki, 4,506,644, Cl. 123-439.000.

Nakamura, Norihiko; Itou, Takaaki; Katou, Takashi; Takimoto, Masatami; and Teramura, Mitsuyoshi, 4,512,312, Cl. 123-439.000.

Itou, Takeo: *See*—

Watanabe, Shingo; and Itou, Takeo, 4,501,806, Cl. 430-25.000.

Watanabe, Shingo; and Itou, Takeo, 4,526,854, Cl. 430-176.000.

Itou, Zyouzi, to Toyota Jidosha Kabushiki Kaisha. Air conditioner for a coating booth. 4,542,851, 9-24-85, Cl. 236-44.00C.

Itou, Zyouzi; and Akiyama, Synith, to Toyota Jidosha Kabushiki Kaisha. Air conditioner for a coating booth. 4,544,380, 10-1-85, Cl. 55-80.000.

Itow, Hisao: *See*—

Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, 4,514,270, Cl. 204-151.000.

Mori, Yasuhiko; Hattori, Shigeo; Masaoka, Isao; and Itow, Hisao, 4,512,820, Cl. 148-12.70N.

Itow, Hisawo: *See*—

Yoshida, Toshimi; Nakata, Kiyotomo; Masaoka, Isao; and Itow, Hisawo, 4,560,407, Cl. 75-128.00N.

Itow, Koichiro; and Komiyama, Kunihiko, to Kabushiki Kaisha Komatsu Seisakusho. Fuel blended with alcohol for diesel engine. 4,509,953, 4-9-85, Cl. 44-57.000.

Itow, Koichiro; and Komiyama, Kunihiko, to Kabushiki Kaisha Komatsu Seisakusho. Fuel blended with alcohol for diesel engine. 4,527,995, 7-9-85, Cl. 44-56.000.

Itoyama, Katumi: *See*—

Fujinami, Yoshio; Itoyama, Katumi; and Ochiai, Hiroshi, 4,533,805, Cl. 200-304.000.

Itozaki, Hideo: *See*—

Hitotsuyanagi, Hajime; Fujita, Nobuhiko; Itozaki, Hideo; and Kawai, Hiromu, 4,496,450, Cl. 204-192.00R.

ITR International Time Limited: *See*—

Rudland, Peter E., 4,538,059, Cl. 235-468.000.

ITS-Intern Transport System A/S: *See*—

Solund, Jorgen, 4,555,010, Cl. 198-361.000.

Itsubo, Junichi; Yazaki, Takashi; and Mori, Fumio, to Japan Crown Cork Co., Ltd. Pilfer-proof plastic closure for containers. 4,520,939, 6-4-85, Cl. 215-252.000.

Itsumi, Manabu; Ehara, Kohei; Muramoto, Susumu; and Matsuo, Seitaro, to Nippon Telegraph & Telephone Public Corporation. Semiconductor integrated circuits and manufacturing process thereof. 4,543,592, 9-24-85, Cl. 357-43.000.

ITT Corporation: *See*—

Bilson, Edward B., 4,523,693, Cl. 220-337.000.

Carl, Louis C.; and Nevadunsky, Charles J., 4,552,174, Cl. 137-527.200.

Casilli, Joseph C., 4,556,087, Cl. 138-30.000.

Craine, Richard W.; and Drabick, Joseph P., 4,543,545, Cl. 333-128.000.

Goldman, Stuart O., 4,556,760, Cl. 179-2.0EB.

Gorman, Patrick R.; and Stottlemyer, William O., 4,497,980, Cl. 179-81.00B.

Hansen, William D.; and Mix, Raymond F., 4,541,676, Cl. 339-17.0CF.

Kraushaar, Robert J., 4,542,988, Cl. 356-352.000.

Merrill, Dana A., 4,555,788, Cl. 375-11.000.

Rosebrooks, Nathan B., 4,510,884, Cl. 118-405.000.

Sautter, Robert H., Jr., 4,529,158, Cl. 248-393.000.

Sawyer, Edgar W., Jr., 4,505,716, Cl. 44-51.000.

Scheibenreif, John A., 4,547,027, Cl. 339-8.00R.

Singh, Gurnam, 4,528,855, Cl. 73-721.000.

Sonderegger, Henry R.; and Chatterley, Charles, 4,552,332, Cl. 251-148.000.

Winter, David F.; and Dick, William K., 4,551,633, Cl. 307-147.000.

ITT Industries, Inc.: *See*—

Achtstaetter, Gerhard, 4,504,862, Cl. 358-158.000.

Adam, Fritz G., 4,491,839, Cl. 340-825.910.

Adam, Fritz G., 4,493,058, Cl. 365-189.000.

Adam, Fritz G., 4,499,388, Cl. 307-474.000.

Adam, Fritz G., 4,503,342, Cl. 307-475.000.

Adam, Fritz G., 4,511,881, Cl. 340-347.0DA.

Anden, Bengt; Ramstrom, Bengt; and Sodergard, Bengt, 4,503,942, Cl. 187-95.000.

Backes, Reiner, 4,518,872, Cl. 307-448.000.

Backes, Reiner, 4,518,951, Cl. 340-365.00S.

Barnard, Richard H.; and Stock, Terence P., 4,561,310, Cl. 73-861.020.

Belart, Juan, 4,492,082, Cl. 60-589.000.

Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; and Weise, Lutz, 4,492,413, Cl. 303-92.000.

Belart, Juan, 4,508,008, Cl. 91-372.000.

Belart, Juan; Burgdorf, Jochen; Weise, Lutz; Kircher, Dieter; and Goossens, Andre F. L., 4,521,061, Cl. 303-114.000.

Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, 4,523,791, Cl. 303-92.000.

Belart, Juan; and Burgdorf, Jochen, 4,523,792, Cl. 303-92.000.

Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, 4,555,144, Cl. 303-92.000.

Berisch, Volker; and Birkenbach, Alfred, 4,542,945, Cl. 303-6.00C.

Biedka, Ryszard, 4,548,630, Cl. 65-2.000.

Bleckmann, Hans-Wilhelm; Loreck, Heinz; Fennel, Helmut; and Zydeck, Michael, 4,546,437, Cl. 364-426.000.

Blossfeld, Lothar, 4,509,250, Cl. 29-578.000.

Blossfeld, Lothar, 4,550,490, Cl. 29-571.000.

Blossfeld, Lother, 4,503,603, Cl. 29-571.000.

Botz, Jakob; Mutschler, Erich; Prohaska, Hans; Schmid, Eckhardt; and Scholl, Wolfgang, 4,531,419, Cl. 74-388.0PS.

Budecker, Ludwig; and Obersteiner, Georg, 4,555,223, Cl. 417-462.000.

Burgdorf, Jochen; and Budecker, Ludwig, 4,505,652, Cl. 417-462.000.

Burgdorf, Jochen; and Steffes, Helmut, 4,543,791, Cl. 6-550.000.

Burgdorf, Jochen; and Stoka, Roberto, 4,552,253, Cl. 188-73.380.
Byding, Otto; and Stroberg, Rolf, 4,496,181, Cl. 294-78.00R.
Carlsson, Valdemar; and Fredriksson, Boris, 4,494,758, Cl. 277-14.00V.
Carlsson, Valdemar, 4,530,643, Cl. 416-144.000.
Deutscher, Hans-Christian; Kohler, Alfred; Prohaska, Hans; and Schubert, Karl-Friedrich, 4,550,469, Cl. 15-250.340.
Drake, Cyril F.; Jones, Ronald; Bateson, Paul F.; Grant, Ronald J.; and Burrage, Martin E., 4,511,404, Cl. 106-14.120.
Drake, Cyril F.; and Jones, Ronald, 4,517,006, Cl. 71-64.110.
Drake, Cyril F.; Maries, Alan; and Bateson, Paul F., 4,518,429, Cl. 106-14.390.
Drake, Cyril F.; Jones, Gladys M.; and Jones, Ronald, 4,561,896, Cl. 106-14.120.
Elmis, Herbert, 4,494,243, Cl. 377-48.000.
Elmis, Herbert; and Novotny, Bernd, 4,504,799, Cl. 331-1.00A.
Elmis, Herbert, 4,506,297, Cl. 358-153.000.
Elmis, Herbert; and Klar, Adrian, 4,509,072, Cl. 358-17.000.
Fennel, Helmut, 4,517,684, Cl. 377-19.000.
Flamm, Peter M., 4,491,862, Cl. 358-21.00R.
Flamm, Peter M.; Mlynek, Daniel; Schmidtpott, Friedrich; and Praxmarer, Alfred, 4,539,583, Cl. 358-27.000.
Flamm, Peter M., 4,547,763, Cl. 340-347.0CC.
Freyberger, Laurin C.; and Novotny, Bernd, 4,494,137, Cl. 358-27.000.
Freyberger, Laurin C.; Mlynek, Daniel; and Schmidtpott, Friedrich, 4,523,222, Cl. 358-27.000.
Fricke, Reinhard L.; Hinze, Klaus; Huth, Manfred K. O.; and Wisskirchen, Klaus B., 4,514,609, Cl. 200-159.00A.
Fritz, Bernd, 4,511,218, Cl. 350-356.000.
Giebel, Burkhard, 4,502,131, Cl. 365-201.000.
Giebel, Burkhard, 4,524,429, Cl. 365-154.000.
Giebel, Burkhard, 4,527,256, Cl. 365-154.000.
Goertler, Horst; and Rachner, Horst, 4,520,271, Cl. 290-38.00C.
Haar, Lucas H., 4,505,114, Cl. 60-554.000.
Huber, Walter; and Zucker, Fritz, 4,548,334, Cl. 220-293.000.
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Kohler, Alfred; and Krizek, Oldrich, 4,545,088, Cl. 15-250.350.
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Marianu, Vlad, 4,511,019, Cl. 188-72.200.
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Pfeifer, Heinrich, 4,561,115, Cl. 455-228.000.
Reinartz, Hans-Dieter; and Vatter, Waldemar, 4,505,113, Cl. 60-535.000.
Rose, Jochen, 4,546,219, Cl. 200-11.00R.
Sauer, Wolfgang; Schmidtpott, Friedrich; Schat, Hermanus; and Freyberger, Laurin C., 4,533,879, Cl. 331-1.00A.
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Sauer, Wolfgang, 4,560,955, Cl. 331-116.00R.
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Schopper, Bernd; and Tandler, Peter, 4,493,508, Cl. 303-6.00C.
Smith, Robert, 4,528,511, Cl. 329-50.000.
Steffes, Helmut, 4,530,209, Cl. 60-547.100.
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Weiler, Rolf; Kretzer, Horst; Leidecker, Hans-Dieter; and Gerhardt, Winfried, 4,530,506, Cl. 277-212.0FB.
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Ivankovich, Anthony D.: *See—*
Djordjevich, Ljubomir; Ivankovich, Anthony D.; and Gottschalk, William, 4,532,130, Cl. 424-101.000.

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Ivanov, Jury P. Method for assembling a complete module of multideck ship hull. 4,491,081, 1-1-85, Cl. 114-77.00R.

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Motov, David L.; Tjurkina, Ljudmila P.; Godneva, Maria M.; Kolesnikova, Nina I.; Yakusheva, Galina G.; Ivanovich, Metelkin A., deceased; and Fedorovna, Chibisova N., administrator, 4,504,271, Cl. 8-94.250.

Ivantsov, Oleg M.: *See—*
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Ive, John G. S.: *See—*
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Creed, David M.; and Ive, John G. S., 4,549,298, Cl. 371-40.000.

Iventio AG: *See—*
Kindler, Gerhard, 4,493,398, Cl. 187-29.00R.
Ivers, John T., to Frito-Lay, Inc. Formulation of dough-based fried snack foods. 4,560,569, 12-24-85, Cl. 426-549.000.
Iversen, Alfred A.; and Eastman, William J., to PMT Inc. Halo fixation system. 4,541,421, 9-17-85, Cl. 128-87.00B.
Iversen, Alfred L.: *See—*
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Iversen, Ralph; and Harris, Dewey F., to Whittaker Corporation. Weatherproof hermetically sealed connector device. 4,540,230, 9-10-85, Cl. 339-89.00M.
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Iverson, Kjeld K. Barbecue cooking unit. 4,515,074, 5-7-85, Cl. 99-393.000.
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Ives, Donald T.; Madill, Michael J.; and Sliva, Philip G., to Procter & Gamble Company, The. Fabric cleaning/conditioning compositions. 4,514,444, 4-30-85, Cl. 427-242.000.
Ives, Frank. External mixing spray gun. 4,529,126, 7-16-85, Cl. 239-112.000.
Ives, Frank E. Method for producing a low density foamed polyester resin. 4,522,954, 6-11-85, Cl. 521-78.000.
Ives, Kenneth D., to United States Steel Corporation. Continuous casting mold oscillator load indication system. 4,532,975, 8-6-85, Cl. 164-150.000.
Ives, Milton N.: *See—*
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Ives, Neil A.: *See—*
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Ives, Peter J., to H. R. Smith (Technical Development) Limited. Methods of producing composite foamed thermoplastic resin articles. 4,504,338, 3-12-85, Cl. 156-79.000.
Ivester, Frank D.; and Troulias, James R., to Combustion Engineering, Inc. Discharge electrode wire assembly for electrostatic precipitator. 4,502,872, 3-5-85, Cl. 55-147.000.
Ivey, Alma T. Jewelry chain organizer. 4,549,411, 10-29-85, Cl. 63-2.000.
Ivey, H. Grady: *See—*
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Ivie, Randall G.: *See—*
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Ivins, James M. Thermometer for obtaining the temperature of horse. 4,512,668, 4-23-85, Cl. 374-194.000.
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Szajani, Bela; Kiss, Janosne; Ivony, Jozsefne; Huber, Iren; Boros, Laszlo; and Daroczi, Ivan, 4,532,214, Cl. 435-228.000.
Ivory, Dawn M.; Miller, Granville G.; Chance, Ronald R.; and Baughman, Ray H., to Allied Corporation. Electrically conducting compositions of doped polyphenylenes and shaped articles comprising the same. 4,517,116, 5-14-85, Cl. 252-500.000.
Ivy-Gene Co., Inc.: *See—*
Kaye, Gordon E.; Schwartz, Eugene B.; and Sollins, Irving V., 4,531,938, Cl. 604-62.000.
Ivy, James R. Game skinning apparatus. 4,506,411, 3-26-85, Cl. 17-44.300.
Ivy, Jim S.; and Gray, Willie C. Fishing device. 4,523,403, 6-18-85, Cl. 43-17.000.
Ivy Medical, Inc.: *See—*
King, Roger A.; and Arnold, John E., Jr., 4,493,710, Cl. 604-250.000.
Ivy, William R.: *See—*
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Iwaasa, Syuzou: *See—*
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Iwabe, Kazuki; and Noguchi, Wataru, to Hitachi Denshi Kabushiki Kaisha. Autoregistration system for color TV cameras. 4,507,678, 3-26-85, Cl. 358-51.000.
Iwabuchi, Hidetoshi; and Okumura, Takeo, to Kao Corporation. Hair cosmetics. 4,517,175, 5-14-85, Cl. 424-70.000.
Iwabuchi, Masaburo, to Tokyo Shibaura Denki Kabushiki Kaisha. Lapping machine. 4,502,252, 3-5-85, Cl. 51-118.000.
Iwabuchi, Suminobu: *See—*
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Iwabuchi, Takashi: *See—*
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Iwado, Seigo: *See—*
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Iwagami, Fusao; and Yoshimura, Hisashi, to Sharp Kabushiki Kaisha. Capping mechanism for preventing nozzle blocking in an ink jet system printer. 4,533,927, 8-6-85, Cl. 346-140.00R.
Iwagami, Fusao, to Sharp Kabushiki Kaisha. Nozzle cleaning device for an ink jet system printer. 4,546,363, 10-8-85, Cl. 346-140.00R.
Iwagami, Hisao: *See—*
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Iwagami, Kenji; and Yamamoto, Hachizou, to Sharp Kabushiki Kaisha. Cash accounting system. 4,538,057, 8-27-85, Cl. 235-379.000.
Iwaguro, Makoto: *See—*
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Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, 4,521,908, Cl. 381-92.000.
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Iwahashi, Haruo, to Konishiroku Photo Industry Co., Ltd. Controlling method for transferring and separation in a copying apparatus. 4,540,275, 9-10-85, Cl. 355-14.0TR.
Iwahashi, Haruo: *See—*
Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,495,508, Cl. 346-159.000.
Tarumi, Noriyoshi; Kimura, Kiyoshi; and Iwahashi, Haruo, 4,531,827, Cl. 355-14.00R.
Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,562,447, Cl. 346-159.000.
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Iwahashi, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor IC memory. 4,503,518, 3-5-85, Cl. 365-104.000.
Iwahashi, Hiroshi; and Asano, Masamichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor integrated circuit. 4,542,485, 9-17-85, Cl. 365-230.000.
Iwahashi, Hiroshi; and Ochii, Kiyofumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device. 4,546,455, 10-8-85, Cl. 365-200.000.
Iwahashi, Hiroshi; and Asano, Masamichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory with delay means to reduce peak currents. 4,556,961, 12-3-85, Cl. 365-194.000.
Iwahashi, Hiroshi: *See—*
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Iwahashi, Shoji, to Aisen Kogyo, Ltd. Massage means. 4,493,315, 1-15-85, Cl. 128-60.000.
Iwahashi, Shoji; and Nakai, Ken, to Aisen Kogyo, Ltd. Shoulder patting means. 4,532,919, 8-6-85, Cl. 128-54.000.
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Iwai, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing a semiconductor device. 4,491,486, 1-1-85, Cl. 148-105.000.
Iwai, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Wafer exposure method and apparatus. 4,500,615, 2-19-85, Cl. 430-30.000.
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Konaka, Masami; Iwai, Hiroshi; and Nishi, Yoshio, 4,523,213, Cl. 357-23.700.
Maeda, Satoshi; and Iwai, Hiroshi, 4,560,421, Cl. 148-1.500.
Iwai, Kazuhiro; Masuda, Tatsuo; and Takayanagi, Shinji, to Honda Giken Kogyo Kabushiki Kaisha. Rear axle supporting structure in three-wheeled motor vehicle. 4,541,502, 9-17-85, Cl. 180-217.000.
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Okamoto, Yoshio; Iwai, Kazumi; Inoue, Hiroshi; Kunugi, Yoshifumi; and Shinozaki, Tadashi, 4,546,795, Cl. 137-624.150.
Iwai, Kiyoshi: *See—*
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Iwai, Masato: *See—*
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Iwai, Takafusa: *See—*
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Iwai, Tomio, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Outboard engine. 4,493,661, 1-15-85, Cl. 440-77.000.

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Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,555,615, Cl. 219-145.210.

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Iwaki, Akio; Suzuki, Norihito; Yamamoto, Takeshi; and Aoki, Toru, to Konishiroku Photo Industry Co., Ltd. Support for lithographic printing plate. 4,522,891, 6-11-85, Cl. 428-626.000.

Iwaki, Akio: *See—*
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Iwaki, Yoshiyuki; Yokota, Mitsuyoshi; and Matsumoto, Akio, to Mitsubishi Denki Kabushiki Kaisha. Vehicle A.C. generator with constant output power. 4,496,898, 1-29-85, Cl. 322-34.000.

Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Waterproof structure for slip rings of an a.c. generator for a car. 4,499,390, 2-12-85, Cl. 310-88.000.

Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. One piece molded voltage regulator and brush holder unit. 4,504,752, 3-12-85, Cl. 310-68.00R.

Iwaki, Yoshiyuki; Imori, Hideo; and Gotou, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Electric current rectifier. 4,543,504, 9-24-85, Cl. 310-68.00D.

Iwakiri, Hiroshi; Asada, Masahiro; and Yonezawa, Kazuya, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Heat-resisting aromatic polyester and process for preparing the same. 4,552,947, 11-12-85, Cl. 528-126.000.

Iwakiri, Norio: *See—*
Atsumi, Haruo; Iwakiri, Norio; Kiyono, Yasuhiro; and Hayakawa, Tomohiko, 4,556,768, Cl. 200-302.200.

Iwakura, Hideaki: *See—*
Oka, Joji; Iwakura, Hideaki; Ando, Narumi; Iwasaki, Kiyotoshi; and Shindow, Yoshio, 4,524,111, Cl. 428-551.000.

Iwakura, Ken; and Igarashi, Akira, to Fuji Photo Film Co., Ltd. Heat-sensitive recording materials. 4,520,377, 5-28-85, Cl. 346-208.000.

Iwakura, Ken; and Ishige, Sadao, to Fuji Photo Film Co., Ltd. Fluoran derivatives and recording material using same. 4,535,348, 8-13-85, Cl. 346-221.000.

Iwakura, Mitsuo; Takahashi, Toru; and Ono, Kensaku, to Iwatsu Electric Co., Ltd. Cathode ray oscilloscope with a waveform storage capability. 4,542,339, 9-17-85, Cl. 324-121.00R.

Iwakura, Tatsuya: *See—*
Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu, 4,556,429, Cl. 127-30.000.

Iwakura, Tomoatsu: *See—*
Sarumaru, Kohei; Iwakura, Tomoatsu; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, 4,551,571, Cl. 585-440.000.

Iwama, Akio: *See—*
Abe, Masao; Iwama, Akio; Noda, Yuzuru; and Ichinose, Hisashi, 4,529,793, Cl. 528-423.000.

Iwama, Akira: *See—*
Sakakihara, Masahiko; Hasegawa, Kenzi; and Iwama, Akira, 4,540,638, Cl. 428-693.000.

Iwama, Satoshi; and Hashiyama, Mitsuaki, to Toyo Tire & Rubber Co., Ltd. Tire rubber composition. 4,550,135, 10-29-85, Cl. 524-495.000.

Iwama, Takasuke, to Musashi Engineering Kabushiki Kaisha. Method of discriminating between the front and back sides of paper sheets. 4,557,597, 12-10-85, Cl. 356-71.000.

Iwama, Toshiro: *See—*
Asada, Hiroshi; Kobayashi, Kohei; and Iwama, Toshiro, 4,559,143, Cl. 210-714.000.

Iwamatsu, Noboru: *See—*
Kawada, Shigeki; Amemiya, Yoichi; Sogabe, Masatoyo; and Iwamatsu, Noboru, 4,538,084, Cl. 310-217.000.
Kozai, Yoshinori; Amemiya, Yoichi; and Iwamatsu, Noboru, 4,495,464, Cl. 324-174.000.

Iwamatsu, Seiichi, to Kabushiki Kaisha Suwa Seikosha. X-ray source. 4,538,291, 8-27-85, Cl. 378-119.000.

Iwami, Isamu: *See—*
Yoshino, Akira; and Iwami, Isamu, 4,520,072, Cl. 428-403.000.

Iwami, Naoki: *See—*
Aoki, Takao; Kadowaki, Hidejiro; and Iwami, Naoki, 4,504,137, Cl. 355-4.000.

Iwamori, Hidekazu: *See—*
Higuchi, Takeshi; Itakura, Yoshio; and Iwamori, Hidekazu, 4,534,710, Cl. 417-269.000.

Iwamori, Masanori: *See—*
Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, 4,529,552, Cl. 556-40.000.

Iwamoto, Akito; and Sekizawa, Hidekazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for optically measuring the distance between two grating-like structures and the size of periodic pattern elements forming one of the grating-like structures. 4,560,280, 12-24-85, Cl. 356-375.000.

Iwamoto, Akito: *See—*
Sekizawa, Hidekazu; Iwamoto, Akito; Togashi, Kousaku; and Fujie, Hideo, 4,510,866, Cl. 101-365.000.

Iwamoto, Hiromu; and Tamada, Haruo, to Fujitsu Limited. Scale switchable digital-to-analog converter. 4,544,912, 10-1-85, Cl. 340-347.0AD.

Iwamoto, Junjiro: *See—*
Asawa, Tatsuro; Sajima, Yasuo; and Iwamoto, Junjiro, 4,537,673, Cl. 204-253.000.

Iwamoto, Katsuo: *See—*
Goto, Tomomichi; Iwamoto, Katsuo; Kobayashi, Yoshinori; and Matoba, Isao, 4,517,032, Cl. 148-111.000.

Iwamoto, Kazumasa; Mabuchi, Naoki; and Kawano, Junji, to Idec Izumi Corporation. Wire connection terminal stage for electric apparatus. 4,542,953, 9-24-85, Cl. 339-198.0GA.

Iwamoto, Kazuo: *See—*
Horiba, Tatsuo; Iwamoto, Kazuo; Kawana, Hidejiro; Fujita, Kazunori; and Tamura, Kohki, 4,493,878, Cl. 429-12.000.

Iwamoto, Kazuya: *See—*
Asaka, Urataro; Kanai, Shigeo; Tanaka, Yasuhiro; and Iwamoto, Kazuya, 4,551,074, Cl. 417-366.000.

Iwamoto, Ken-ichi; Kawano, Tadaaki; Uchiyama, Hiroaki; Fukunaga, Takahiro; Fujiwara, Katsuyoshi; and Yamada, Yoshikado, to Sharp Kabushiki Kaisha. Lens positioning mechanism for a copying machine. 4,552,453, 11-12-85, Cl. 355-57.000.

Iwamoto, Kenji; Moriguchi, Kouichi; and Matusiro, Ryuiti, to Nippon Soken, Inc. Turbocharged internal combustion engine with apparatus for controlling supercharging pressure. 4,519,210, 5-28-85, Cl. 60-602.000.

Iwamoto, Kenzi: *See—*
Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.

Iwamoto, Kiyofumi: *See—*
Gotoh, Yoshitomo; and Iwamoto, Kiyofumi, 4,538,039, Cl. 200-144.00B.

Iwamoto, Kiyoshi: *See—*
Nakao, Sho; Kunichika, Kenji; Ohishi, Chikashi; Iwai, Masato; and Iwamoto, Kiyoshi, 4,559,288, Cl. 430-60.000.

Iwamoto, Masakuni, to Meinan Machinery Works, Inc. Glued laminated wood and method of manufacturing the same. 4,507,162, 3-26-85, Cl. 156-157.000.

Iwamoto, Masanori: *See—*
Kizu, Shuji; Ikeda, Tsutomu; and Iwamoto, Masanori, 4,516,265, Cl. 382-48.000.

Iwamoto, Masatami; Nakamura, Shiro; Miyazaki, Masayuki; and Yoshioka, Sumio, to Mitsubishi Denki Kabushiki Kaisha. Rotor of superconductive generator. 4,532,445, 7-30-85, Cl. 310-52.000.

Iwamoto, Norihiro, to Toshiba Kikai Kabushiki Kaisha. Stroke enlarging mechanism. 4,495,828, 1-29-85, Cl. 74-110.000.

Iwamoto, Noritada: *See—*
Nakai, Mamoru; Ohshima, Tokio; Kimura, Tomio; Omata, Tetsuo; and Iwamoto, Noritada, 4,497,957, Cl. 548-496.000.

Iwamoto, Shohzoh: *See—*
Tanaka, Nobuyasu; Ohashi, Mitunari; and Iwamoto, Shohzoh, 4,498,569, Cl. 193-27.000.

Iwamoto, Taro: *See—*
Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, 4,549,208, Cl. 358-108.000.

Iwamoto, Tomio: *See—*
Sunago, Katsuyoshi; and Iwamoto, Tomio, 4,492,230, Cl. 128-303.100.
Yoshida, Kenichi; Ono, Kimizo; and Iwamoto, Tomio, 4,494,823, Cl. 350-96.220.

Iwamoto, Tomiyuki; Hayakawa, Naoki; Honda, Haruo; and Maruyama, Teppei, to Terumo Kabushiki Kaisha. Method for manufacturing plastic container containing infusion solution which does not allow deterioration of infusion solution for long period of time. 4,548,605, 10-22-85, Cl. 604-410.000.

Iwamoto, Yoshihiki: *See—*
Yatsunami, Kenrow; and Iwamoto, Yoshihiki, 4,509,129, Cl. 364-513.500.

Iwamoto, Yoshihiro: *See—*
Tanaka, Fuminari; and Iwamoto, Yoshihiro, 4,532,612, Cl. 365-227.000.

Iwamoto, Yoshinao; Shirasaki, Yuichi; Fujise, Masayuki; and Asakawa, Kenichi, to Kokusai Denshin Denwa Co., Ltd. Underwater optical fiber connector. 4,544,233, 10-1-85, Cl. 350-96.200.

Iwamoto, Yoshinao: *See—*
- Izawa, Toshio; Iwamoto, Yoshinao; Shirasaki, Yuichi; and Asakawa, Kenichi, 4,492,492, Cl. 405-160.000.
- Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, 4,537,530, Cl. 405-160.000.
- Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Suzuki, Shizuo; Sirasaki, Yuichi; and Asakawa, Kenichi, 4,540,942, Cl. 324-326.000.

Iwamoto, Yoshio: *See—*
- Murakami, Katsuhiko; and Iwamoto, Yoshio, 4,552,262, Cl. 198-447.000.

Iwamura, Akira: *See—*
- Okada, Yukio; and Iwamura, Akira, 4,505,457, Cl. 267-3.000.

Iwamura, Hiroyuki: *See—*
- Yoshinaga, Shinya; and Iwamura, Hiroyuki, 4,558,571, Cl. 62-238.600.

Iwamura, Jun, to Tokyo Shibaura Denki Kabushiki Kaisha. Three-output level logic circuit. 4,491,749, 1-1-85, Cl. 307-473.000.

Iwamura, Junichi, to Tokiwa Kanpo Pharmaceutical Co., Ltd. Acid and alkali insoluble food component from leguminous plants. 4,548,831, 10-22-85, Cl. 426-634.000.

Iwamura, Tadaaki: *See—*
- Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Iwanade, Hisao, to Asahi Kogaku Kogyo Kabushiki Kaisha. Focus and magnification determining and control device for variable magnification type copying machine. 4,557,593, 12-10-85, Cl. 355-57.000.

Iwanaga, Koichi: *See—*
- Okada, Yoshiyuki; Inoue, Yoshihiro; and Iwanaga, Koichi, 4,531,005, Cl. 548-116.000.

Iwanaga, Takashi: *See—*
- Kurihara, Norimitsu; Suzuki, Toshiyasu; Iwanaga, Takashi; and Hisadomi, Masaru, 4,535,547, Cl. 33-356.000.

Iwanaga, Takeya: *See—*
- Kambara, Toru; Uemura, Michihiko; and Iwanaga, Takeya, 4,516,090, Cl. 333-141.000.

Iwanaga, Yoshiharu, to Ricoh Company, Ltd. System for separating transfer-printing sheet. 4,508,334, 4-2-85, Cl. 271-308.000.

Iwanami, Kunio: *See—*
- Inoue, Hiroshi; Sezume, Tadashi; Isoi, Masaaki; Iwanami, Kunio; and Sei, Kazuo, 4,528,329, Cl. 525-74.000.

Iwanami, Toshio; and Watanabe, Hajime, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Multistage rolling mill with flatness control function. 4,494,396, 1-22-85, Cl. 72-243.000.

Iwanami, Toshio, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Rolling mill. 4,539,834, 9-10-85, Cl. 72-243.000.

Iwanami, Yoshiyuki; Taniguchi, Kozo; Funazaki, Mitsunori; and Takenouchi, Tomoo, to Japan Steel Works, Ltd., The. Process and apparatus for the production of a metallic laminar composite material. 4,502,524, 3-5-85, Cl. 164-66.100.

Iwane, Yasuhiko: *See—*
- Sugawara, Fukuo; and Iwane, Yasuhiko, 4,560,294, Cl. 400-145.000.

Iwanicki, Andrzej T. Insulation curtain. 4,506,720, 3-26-85, Cl. 160-26.000.

Iwano, Takao: *See—*
- Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita, Hideo; and Aoki, Yoshiaki, 4,504,433, Cl. 264-232.000.

Iwano, Yoshimi: *See—*
- Suzuki, Hajime; and Iwano, Yoshimi, 4,502,512, Cl. 139-116.000.
- Suzuki, Hajime; and Iwano, Yoshimi, 4,520,849, Cl. 139-116.000.

Iwans, Robert C., to Coca-Cola Company, The. Ice bank control system for beverage dispenser. 4,497,179, 2-5-85, Cl. 62-59.000.

Iwao Jiki Kogyo Kabushiki Kaisha: *See—*
- Yamaguchi, Masaharu, 4,513,941, Cl. 249-91.000.

Iwao, Jun-ichi; Oya, Masayuki; and Iso, Tadashi, to Santen Pharmaceutical Co., Ltd. Antihypertensive sulfur-containing compounds. 4,496,578, 1-29-85, Cl. 514-423.000.

Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, to Santen Pharmaceutical Co., Ltd. 2-arylbenzothiazoline derivatives and their use in treating angina cordis. 4,547,513, 10-15-85, Cl. 514-321.000.

Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, to Santen Pharmaceutical Co., Ltd. 3-alkanoyl benzothiazoline compounds useful for treating cardiovascular disease. 4,552,969, 11-12-85, Cl. 548-179.000.

Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, to Santen Pharmaceutical Co., Ltd. Benzothiazoline compounds which contain a carbonyl group useful for treating cardiovascular disease. 4,558,125, 12-10-85, Cl. 544-135.000.

Iwao, Jun-ichi: *See—*
- Mita, Itaru; Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,552,765, Cl. 514-513.000.

Iwao, Noriyuki: *See—*
- Tsutsui, Eiji; Yoshioka, Masahiro; Murakami, Masahiro; and Iwao, Noriyuki, 4,516,849, Cl. 355-15.000.
- Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.

Iwao, Osamu: *See—*
- Mehada, Masashi; Yoshimura, Shozo; Yamaguchi, Kenshiro; and Iwao, Osamu, 4,510,207, Cl. 428-607.000.

Iwaoka, Hideto; Fujino, Kenji; Sugiyama, Tadashi; and Matsuura, Hiroyuki, to Yokogawa Hokushin Electric Corporation. Method and apparatus for eaamination by nuclear magnetic resonance. 4,536,712, 8-20-85, Cl. 324-309.000.

Iwasa, Koji. *See—*
- Itaya, Kingo; Shibayama, Kimio; Toshima, Shinobu; Ataka, Tatsuaki; and Iwasa, Koji, 4,498,739, Cl. 350-357.000.
- Sano, Yutaka; Iwasa, Koji; Kamamori, Hitoshi; Suginoya, Mitsuru; and Terada, Yumiko, 4,528,073, Cl. 204-15.000.
- Suginoya, Mitsuru; Iwasa, Koji; Kamamori, Hitoshi; Sano, Yutaka; and Terada, Yumiko, 4,522,691, Cl. 204-18.100.

Iwasa, Masaru: *See—*
- Takeda, Masashi; and Iwasa, Masaru, 4,539,553, Cl. 340-347.0DA.

Iwasa, Susumu; Yoshida, Isamu; and Kondo, Koichi, to Takeda Chemical Industries, Ltd. Method for enzyme immunoassay and peptide-enzyme conjugate and antibody therefor. 4,517,290, 5-14-85, Cl. 435-7.000.

Iwasa, Susumu: *See—*
- Kondo, Koichi; Iwasa, Susumu; and Yoshida, Isamu, 4,496,658, Cl. 436-510.000.

Iwasa, Yasuo; and Ishimaru, Shingo, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive materials. 4,524,130, 6-18-85, Cl. 430-505.000.

Iwasa, Yasuo: *See—*
- Yamamuro, Kiyohiko; Hirano, Shigeo; Itoh, Isamu; and Iwasa, Yasuo, 4,508,816, Cl. 430-393.000.
- Yamamuro, Kiyohiko; Iwasa, Yasuo; and Itoh, Isamu, 4,554,246, Cl. 430-611.000.

Iwasa, Yoshio: *See—*
- Sugino, Shigemi; Sasaki, Kenichi; and Iwasa, Yoshio, 4,538,569, Cl. 123-316.000.

Iwasa, Yuzaburo: *See—*
- Yamaoka, Hiromasa; Iwasa, Yuzaburo; and Matunaga, Kazuhisa, 4,494,113, Cl. 340-825.500.

Iwasaki, Akio; Deushi, Takeo; Watanabe, Isamu; and Mori, Toshihito, to Kowa co., Ltd. Antibiotics KA-6606 XII, XIII, XV, XVI and XVII. 4,515,942, 5-7-85, Cl. 536-16.800.

Iwasaki, Akio: *See—*
- Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.

Iwasaki Electric Co., Ltd.: *See—*
- Iida, Takenobu; and Sasaki, Shunichi, 4,520,294, Cl. 315-50.000.

Iwasaki, Hiroshi: *See—*
- Kondo, Mitsuru; Iwasaki, Hiroshi; Kanda, Nobuo; Omatsu, Masayuki; and Omura, Haruo, 4,524,373, Cl. 346-221.000.
- Kondo, Mitsuru; Iwasaki, Hiroshi; Omura, Haruo; and Kanda, Nobuo. 4,536,220, Cl. 106-21.000.

Iwasaki, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Scanning type laser system. 4,534,615, 8-13-85, Cl. 350-6.100.

Iwasaki, Kiyotoshi: *See—*
- Oka, Joji; Iwakura, Hideaki; Ando, Narumi; Iwasaki, Kiyotoshi; and Shindow, Yoshio, 4,524,111, Cl. 428-551.000.

Iwasaki, Kozo: *See—*
- Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.

Iwasaki, Kyuhachiro; Ameyama, Minoru; Ebi, Yutaka; Jinnai, Koichiro; and Sato, Tsutomu, to Ricoh Company, Ltd. Ink jet waste and replenish ink system. 4,527,170, 7-2-85, Cl. 346-75.000.

Iwasaki, Kyuhachiro: *See—*
- Ishikawa, Chuji; Iwasaki, Kyuhachiro; Horike, Masanori; and Komai, Hiromichi, 4,520,367, Cl. 346-75.000.

Iwasaki, Masaharu: *See—*
- Suzuki, Kaichiro; Nakaya, Keiichi; Gotoh, Tomohiro; Kitasako, Masayuki; and Iwasaki, Masaharu, 4,491,571, Cl. 423-485.000.

Iwasaki, Masaru: *See—*
- Nakabu, Shigeo; Matsuda, Yuji; Yoshida, Hirokazu; Iwasaki, Masaru; Nukii, Takashi; and Awane, Katunobu, 4,544,989, Cl. 361-401.000.
- Nukii, Takashi; Nakabu, Shigeo; Iwasaki, Masaru; and Awane, Katunobu, 4,514,042, Cl. 350-331.00R.

Iwasaki, Masayoshi: *See—*
- Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.

Iwasaki, Masayuki; Maeda, Minoru; Shinozaki, Fumiaki; and Kawamura, Kouichi, to Fuji Photo Film Co., Ltd. Photopolymerizable composition containing acylhaloacetic acid amide derivatives. 4,548,892, 10-22-85, Cl. 430-288.000.

Iwasaki, Masayuki; and Umehara, Akira, to Fuji Photo Film Co., Ltd. Photo-polymerizable process of image formation using unsaturated materials and silver halide. 4,557,997, 12-10-85, Cl. 430-325.000.

Iwasaki, Masayuki: *See—*
- Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, 4,511,645, Cl. 430-276.000.
- Maeda, Minoru; Iwasaki, Masayuki; and Shinozaki, Fumiaki, 4,543,318, Cl. 430-288.000.
- Maeda, Minoru; Iwasaki, Masayuki; Inoue, Noriyuki; and Totsuka, Mikio, 4,547,450, Cl. 430-202.000.
- Tamoto, Koji; Umehara, Akira; Nagano, Teruo; Iwasaki, Masayuki; and Aotani, Yoshimasa, 4,505,793, Cl. 204-159.160.

Iwasaki, Morikatsu: *See—*
- Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, 4,518,353, Cl. 432-205.000.

- Iwasaki, Nobuyuki: *See—*
  - Ogawa, Masashi; Ishigaki, Kunio; Iwasaki, Nobuyuki; and Nakamura, Taku, 4,508,818, Cl. 430-523.000.
- Iwasaki, Shigeo; and Haguchi, Hiroshi, to Mitsuishi Fukai Tekkosho Ltd. Brick-forming vacuum press. 4,534,721, 8-13-85, Cl. 425-73.000.
- Iwasaki, Shinichiro, to Aisin Seiki Kabushiki Kaisha. Low profile direct current motor. 4,553,058, 11-12-85, Cl. 310-268.000.
- Iwasaki, Shinjiro: *See—*
  - Higashi, Toshihiko; Kobayashi, Yoshinori; and Iwasaki, Shinjiro, 4,530,906, Cl. 435-223.000.
- Iwasaki, Takao; Ito, Higashi; and Watanabe, Seiichi, to Denki Kagaku Kogyo Kabushiki Kaisha. Process for producing chloroprene. 4,540,838, 9-10-85, Cl. 570-229.000.
- Iwasaki, Takao: *See—*
  - Kidoh, Kunizoh; Wakamori, Hideki; Suzuki, Fujio; and Iwasaki, Takao, 4,501,870, Cl. 526-344.100.
- Iwasaki, Tatsuo: *See—*
  - Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
- Iwasaki, Tomonobu, to Fujitsu Limited. Misoperation prevention circuit. 4,518,865, 5-21-85, Cl. 307-200.00A.
- Iwasaki Tsushinki Kabushiki Kaisha: *See—*
  - Doi, Akiho; and Saneyoshi, Norio, 4,502,138, Cl. 370-100.000.
  - Matsufuji, Teruo, 4,502,139, Cl. 370-110.200.
  - Sekiguchi, Koichi; Takematsu, Hikaru; Yamamoto, Kazuyuki; and Kubo, Teruyuki, 4,551,583, Cl. 179-99.00M.
  - Shinohara, Masaru; Ueno, Makoto; and Sakata, Tsunetaka, 4,558,369, Cl. 358-257.000.
  - Soma, Masafumi; and Kohno, Yoshihiko, 4,523,289, Cl. 364-569.000.
- Iwasaki, Yasuhisa: *See—*
  - Kumagae, Yojiro; and Iwasaki, Yasuhisa, 4,523,018, Cl. 546-315.000.
- Iwasaki, Yasuo, to Fuji Xerox Co., Ltd. Sheet supplying device for two-sided copying. 4,496,142, 1-29-85, Cl. 271-3.000.
- Iwasaki, Yoshiki: *See—*
  - Masuda, Isao; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Komura, Makoto, 4,509,155, Cl. 369-48.000.
  - Masuda, Isao; Takahashi, Nobuaki; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Ueno, Shoji, 4,516,163, Cl. 360-32.000.
  - Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, 4,561,083, Cl. 369-59.000.
- Iwasawa, Hiroshi; Numata, Masanori; and Mama, Shinichi, to Amano Corporation. Time-clock recording and computation apparatus with optional rest processing function. 4,516,138, 5-7-85, Cl. 346-80.000.
- Iwasawa, Nobuyuki; and Kazato, Keiji, to Toppan Printing Co., Ltd. Multi-layered hollow container. 4,497,856, 2-5-85, Cl. 428-35.000.
- Iwasawa, Teruo, to Olympus Optical Co., Ltd. Motor apparatus. 4,510,423, 4-9-85, Cl. 318-331.000.
- Iwasawa, Teruo, to Olympus Optical Co., Ltd. Tape recorder having an alarm and stop mechanism for end-of-tape conditions. 4,523,239, 6-11-85, Cl. 360-74.100.
- Iwase, Hidehiro: *See—*
  - Mayama, Toshio; and Iwase, Hidehiro, 4,530,779, Cl. 252-507.000.
- Iwase, Hideo, to Prince Mishin Kabushiki Kaisha. Sewing machine for quilts and the like. 4,557,206, 12-10-85, Cl. 112-121.140.
- Iwase, Seiichiro; and Komori, Shinichi, to Sony Corporation. Analog to digital converting system for composite video signal. 4,538,172, 8-27-85, Cl. 358-13.000.
- Iwase, Seiichiro; Asaida, Takashi; and Nagumo, Fumio, to Sony Corporation. Digital color video signal encoder. 4,547,796, 10-15-85, Cl. 358-13.000.
- Iwase, Sumio, to Mitsubushi Petrochemical Co., Ltd. Heat-resistant phenolic resin foam. 4,560,707, 12-24-85, Cl. 521-124.000.
- Iwase, Takayuki: *See—*
  - Kurachi, Hisao; Ito, Takeo; Iwase, Takayuki; and Shiota, Junji, 4,533,267, Cl. 400-214.000.
- Iwashita, Kiyoji: *See—*
  - Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, 4,546,222, Cl. 200-144.00B.
  - Watanabe, Ryuji; Iwashita, Kiyoji; Tomita, Sadami; Kuniya, Keiichi; and Tsuda, Hideaki, 4,547,639, Cl. 200-144.00B.
- Iwashita, Koichi: *See—*
  - Moriga, Hiroyuki; Uchida, Masao; Iwashita, Koichi; and Tanaka, Shuji, 4,497,720, Cl. 252-52.00A.
- Iwashita, Takashi, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Tilt-lock mechanism. 4,493,659, 1-15-85, Cl. 440-61.000.
- Iwashita, Takashi; Atsumi, Shinya; and Nakahama, Ryoji, to Sanshin Kogyo Kabushiki Kaisha. Tilt lock mechanism for marine propulsion device. 4,551,104, 11-5-85, Cl. 440-56.000.
- Iwashita, Tomonori; and Fukahori, Hidehiko, to Canon Kabushiki Kaisha. Electric motor drive device for camera. 4,522,477, 6-11-85, Cl. 354-173.100.
- Iwashita, Yukihiro: *See—*
  - Hoshikawa, Jun; Iwashita, Yukihiro; and Suzuawa, Osamu, 4,526,818, Cl. 428-1.000.
- Iwasita, Hiroshi: *See—*
  - Masuda, Makoto; Iwasita, Hiroshi; and Kuwabara, Toshihiko, 4,557,654, Cl. 411-431.000.
- Iwata Air Compressor Mfg. Co., Ltd.: *See—*
  - Teruyuki, Ohba; Kazuo, Arai; Atushi, Yahagi; and Shigeru, Iwakoshi, 4,560,109, Cl. 239-583.000.
- Iwata, Akira: *See—*
  - Horiba, Isao; and Iwata, Akira, 4,558,462, Cl. 382-42.000.
  - Kaneko, Hideo; Kumashiro, Hatuyoshi; and Iwata, Akira, 4,495,982, Cl. 164-452.000.
  - Kaneko, Hideo; Kumashiro, Hatsuyoshi; and Iwata, Akira, 4,527,616, Cl. 164-502.000.
- Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu, to Nippon Telegraph & Telephone Public Corporation; and Fujitsu Limited. Phase-locked loop using integrated switched filter. 4,524,333, 6-18-85, Cl. 331-17.000.
- Iwata Electric Co., Ltd.: *See—*
  - Iwata, Keisuke, 4,495,649, Cl. 455-115.000.
- Iwata, Fumio: *See—*
  - Nakai, Mamoru; Iwata, Fumio; and Inoue, Teruhiko, 4,514,571, Cl. 546-306.000.
- Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, to Hitachi, Ltd. Rotary compressor with tapered valve ports for lubricating pump. 4,561,829, 12-31-85, Cl. 417-368.000.
- Iwata, Hiroshi: *See—*
  - Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, 4,544,338, Cl. 418-63.000.
- Iwata, Hitoshi; Hashimoto, Yoshihiro; and Yamada, Katsuhiko, to Sumitomo Electric Industries, Ltd. Method and apparatus for direct heat treatment of medium- to high-carbon steel rods. 4,526,627, 7-2-85, Cl. 148-12.00B.
- Iwata, Hitoshi: *See—*
  - Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,516,596, Cl. 137-240.000.
  - Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,539,903, Cl. 99-470.000.
  - Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,559,963, Cl. 137-1.000.
- Iwata, Kansei: *See—*
  - Rokunohe, Mitsuru; Nakajima, Toshiyuki; Iwata, Kansei; and Tajima, Hiroyuki, 4,549,175, Cl. 340-794.000.
- Iwata, Kaoru; Hagiwara, Tsuneo; and Matsuzawa, Hiroshi, to Teijin Limited. Visible light-sensitive polyester polymer and visible light-sensitive resin composition containing said polymer. 4,495,343, 1-22-85, Cl. 528-292.000.
- Iwata, Katsuaki, to Kabushiki Kaisha Daini Seikosha. Electrochromic display device. 4,529,274, 7-16-85, Cl. 350-357.000.
- Iwata, Kazuhide; Shibayama, Shigeki; Hidai, Yutaka; and Oyanagi, Shigeru, to Tokyo Shibaura Denki Kabushiki Kaisha. Relational algebra engine. 4,514,826, 4-30-85, Cl. 364-900.000.
- Iwata, Kazuro: *See—*
  - Hidaka, Kunihiko; Fukushima, Naoto; and Iwata, Kazuro, 4,515,252, Cl. 188-282.000.
- Iwata, Kazuroh: *See—*
  - Fukushima, Naoto; Iwata, Kazuroh; and Hidaka, Kunihiko, 4,502,575, Cl. 188-282.000.
- Iwata, Keisuke, to Iwata Electric Co., Ltd. Power source device for portable type radio apparatus. 4,495,649, 1-22-85, Cl. 455-115.000.
- Iwata, Kouki: *See—*
  - Moriya, Kouichi; and Iwata, Kouki, 4,538,579, Cl. 123-492.000.
  - Moriya, Kouichi; Iwata, Kouki; and Takefuta, Hideyasu, 4,546,736, Cl. 123-179.00G.
- Iwata, Mamoru: *See—*
  - Tsuchiya, Toshiharu; and Iwata, Mamoru, 4,498,415, Cl. 118-712.000.
- Iwata, Masahiro; Miyashita, Yushi; and Taka, Yuichi, to Pentel Kabushiki Kaisha. Ink and eraser of the ink. 4,557,618, 12-10-85, Cl. 401-34.000.
- Iwata, Masao: *See—*
  - Enomoto, Kiyoshige; and Iwata, Masao, 4,515,140, Cl. 123-603.000.
- Iwata, Masatoshi: *See—*
  - Koitabashi, Takeo; Matsuzaka, Syoji; Hotta, Yuji; and Iwata, Masatoshi, 4,514,491, Cl. 430-567.000.
- Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Self-cancelling mechanism for cancelling a turn-signal switch of a vehicle. 4,503,296, 3-5-85, Cl. 200-61.270.
- Iwata, Masayosi; Douke, Harumi; and Sawada, Hiroyuki, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Switch device for vehicle-speed control. 4,543,456, 9-24-85, Cl. 200-61.540.
- Iwata, Masayosi: *See—*
  - Suzuki, Masaru; Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,496,810, Cl. 200-61.540.
- Iwata, Michitaka: *See—*
  - Tanji, Hiroshi; Iwata, Michitaka; and Sato, Hideo, 4,496,505, Cl. 264-101.000.
  - Tanji, Hiroshi; Iwata, Michitaka; and Sato, Hideo, 4,542,063, Cl. 428-364.000.
- Iwata, Minoru, to Toyota Jidosha Kabushiki Kaisha. Fuel injector electronically controlled engine. 4,519,370, 5-28-85, Cl. 123-432.000.
- Iwata, Minoru: *See—*
  - Katoh, Yuuichi; Matsuoka, Hiroki; and Iwata, Minoru, 4,519,354, Cl. 123-472.000.
- Iwata, Naohiko: *See—*
  - Tanaka, Yoshito; Ichiryu, Ken; and Iwata, Naohiko, 4,500,865, Cl. 338-13.000.
- Iwata, Noboru, to Daiichi Engineering Co., Ltd. Squeeze pump. 4,492,538, 1-8-85, Cl. 417-477.000.
- Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, to

- Nippon Steel Chemical Co., Ltd.; and Sumitomo Chemical Company, Limited. Thermoplastic resin products having pearl-like luster. 4,499,238, 2-12-85, Cl. 525-98.000.
- Iwata, Ryuichi: *See*—
  - Sato, Ikuro; and Iwata, Ryuichi, 4,525,719, Cl. 343-761.000.
- Iwata, Satoshi, to Iwata, Tetsutaro. Compound die assembly. 4,501,179, 2-26-85, Cl. 83-124.000.
- Iwata, Seiichi, to Fuji Jukogyo Kabushiki Kaisha. Gear shifting apparatus of a transmission for a four-wheel drive vehicle. 4,545,457, 10-8-85, Cl. 180-247.000.
- Iwata, Seiichi: *See*—
  - Kobayashi, Nobuyoshi; Iwata, Seiichi; Yamamoto, Naoki; Matsuo, Hitoshi; and Homma, Teiichi, 4,505,028, Cl. 29-578.000.
- Iwata, Shuji. Movable calender marker. 4,525,943, 7-2-85, Cl. 40-110.000.
- Iwata, Tadao: *See*—
  - Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, 4,513,130, Cl. 526-283.000.
  - Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, 4,533,700, Cl. 525-285.000.
  - Nagano, Riichiro; Kiga, Hiroshi; and Iwata, Tadao, 4,501,827, Cl. 523-214.000.
- Iwata, Takashi: *See*—
  - Tanaka, Harumi; and Iwata, Takashi, 4,527,876, Cl. 354-229.000.
- Iwata, Tetsutaro: *See*—
  - Iwata, Satoshi, 4,501,179, Cl. 83-124.000.
- Iwata, Tetsuya: *See*—
  - Koyama, Shoichi; and Iwata, Tetsuya, 4,514,776, Cl. 360-121.000.
- Iwata, Toshiharu: *See*—
  - Haraguchi, Hiroshi; Narita, Ko; and Iwata, Toshiharu, 4,513,716, Cl. 123-425.000.
  - Haraguchi, Hiroshi; Narita, Ko; and Iwata, Toshiharu, 4,539,957, Cl. 123-425.000.
  - Hosoe, Katsuharu; Takasu, Yasuhito; and Iwata, Toshiharu, 4,541,382, Cl. 123-425.000.
  - Inoue, Shingo; Iwata, Toshiharu; and Takasu, Yasuhito, 4,517,944, Cl. 123-425.000.
  - Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, 4,498,331, Cl. 73-35.000.
- Iwata, Toshio, to Mitsubishi Denki Kabushiki Kaisha. Ignition timing control device for an internal combustion engine. 4,499,877, 2-19-85, Cl. 123-425.000.
- Iwata, Toshio, to Mitsubishi Denki Kabushiki Kaisha. Ignition timing control system for internal-combustion engine. 4,523,567, 6-18-85, Cl. 123-425.000.
- Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, to Toa Medical Electronic Co., Ltd. Optical-type automatic analyzing and measuring apparatus. 4,495,149, 1-22-85, Cl. 422-65.000.
- Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, to Toa Medical Electronic Co., Ltd. Shock absorbing mechanism in automatic analyzing and measuring apparatus. 4,557,154, 12-10-85, Cl. 74-89.210.
- Iwata, Yasuo: *See*—
  - Koizumi, Michio; Iwata, Yasuo; and Ohsawa, Seiichi, 4,527,921, Cl. 400-618.000.
- Iwata, Yoshitaka; and Matsuda, Ken, to Mitsubishi Chemical Industries Limited. Specular product of bronze-like tone. 4,560,623, 12-24-85, Cl. 428-626.000.
- Iwata, Yoshitaka: *See*—
  - Tanaka, Hiroshi; and Iwata, Yoshitaka, 4,508,425, Cl. 350-641.000.
- Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, .o Nippon Soda Company Limited. Cyclohexenone derivatives, preparation and herbicidal use. 4,504,305, 3-12-85, Cl. 71-98.000.
- Iwataki, Isao; Fujita, Kagari; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, to Nippon Soda Company Limited. Cyclohexane derivatives. 4,515,729, 5-7-85, Cl. 260-464.000.
- Iwatani, Akitoshi, to Ishigaki Kiko Co., Ltd. Filter press of movable twin head type. 4,511,469, 4-16-85, Cl. 210-225.000.
- Iwatani, Kazutoshi: *See*—
  - Tanaka, Toru; Iwatani, Kazutoshi; Enokido, Nobuo; Murakami, Atsushi; and Yamaguchi, Yukio, 4,525,554, Cl. 526-124.000.
- Iwatani, Kenji: *See*—
  - Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.
- Iwatani, Shiro, to Mitsubishi Denki Kabushiki Kaisha. Semiconductor device. 4,523,215, 6-11-85, Cl. 357-40.000.
- Iwatsu Electric Co., Ltd.: *See*—
  - Enda, Toyoaki, 4,527,108, Cl. 318-687.000.
  - Itoh, Yasuhiro, 4,523,153, Cl. 330-254.000.
  - Iwakura, Mitsuo; Takahashi, Toru; and Ono, Kensaku, 4,542,339, Cl. 324-121.00R.
  - Kato, Takefumi, 4,532,453, Cl. 313-391.000.
  - Kinoshita, Kunio; and Kokaji, Norio, 4,525,725, Cl. 346-74.500.
  - Kokaji, Norio, 4,513,326, Cl. 358-301.000.
  - Kokaji, Norio; and Kinoshita, Kunio, 4,518,970, Cl. 346-74.200.
  - Kokaji, Norio; and Kinoshita, Kunio, 4,536,773, Cl. 346-74.200.
  - Saito, Kimiharu, 4,543,508, Cl. 313-429.000.
  - Sawano, Katsutoshi; and Miyashita, Tetsuharu, 4,525,667, Cl. 324-140.00R.
  - Shibano, Fumehiko, 4,531,092, Cl. 324-244.000.
  - Takahashi, Toru, 4,544,885, Cl. 324-121.00R.
  - Uchida, Kozo; and Matsuno, Keishi, 4,491,802, Cl. 330-260.000.
  - Yokoyama, Yasuyuki; Hatano, Takayoshi; Suzuki, Kenji; and Fujioka, Koichiro, 4,557,592, Cl. 355-51.000.
- Iwatsuki, Masahiro: *See*—
  - Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, 4,556,177, Cl. 242-107.40A.
- Iwatsuki, Shouji, to Daikin Kogyo Company Limited. Fluoroacrylic copolymer. 4,547,558, 10-15-85, Cl. 526-245.000.
- Iwatsuki, Shouji, to Daikin Kogyo Company Limited. Fluoroacrylic compounds. 4,558,152, 12-10-85, Cl. 560-219.000.
- Iwatuki, Takao: *See*—
  - Fushiya, Fusao; and Iwatuki, Takao, 4,504,769, Cl. 318-345.00H.
- Iwaya Corporation: *See*—
  - Saigo, Hiroshi; and Kaneko, Hiroshi, 4,516,951, Cl. 446-338.000.
- Iwaya, Shoichi: *See*—
  - Adachi, Hiromi; and Iwaya, Shoichi, 4,517,496, Cl. 315-227.00R.
- Iwayama, Akira: *See*—
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,501,705, Cl. 260-465.600.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,421, Cl. 260-465.600.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,422, Cl. 260-465.600.
- Iwayama, Kazuyoshi; Kamano, Takao; Tada, Kuniyuki; and Inoue, Takehisa, to Toray Industries, Inc. Process for preparing crystalline aluminosilicate zeolites using a carboxylic acid. 4,511,547, 4-16-85, Cl. 423-329.000.
- Iwayanagi, Takao: *See*—
  - Matsuzawa, Toshiharu; Douta, Kikuo; Iwayanagi, Takao; and Yanazawa, Hiroshi, 4,536,421, Cl. 427-282.000.
- Iwer, Herbert W.: *See*—
  - Dydyk, Michael; and Iwer, Herbert W., 4,514,707, Cl. 331-107.0SL.
- IWK Verpackungstechnik GmbH: *See*—
  - Reim, Werner; and Garthe, Horst, 4,502,262, Cl. 53-157.000.
  - Reim, Werner; and Pluschow, Dieter, 4,553,659, Cl. 198-372.000.
- IXI Laboratories, Inc.: *See*—
  - Johnson, Ronald R.; Melville, James A.; and Schuelke, Richard D., 4,494,900, Cl. 414-27.000.
- Iyama, Hiroyuki: *See*—
  - Watanabe, Yoshio; and Iyama, Hiroyuki, 4,503,359, Cl. 315-105.000.
- Iyehara, Sadahiro: *See*—
  - Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, 4,523,225, Cl. 358-56.000.
  - Ueda, Minoru; Iyehara, Sadahiro; Masuda, Mitsuya; Inohara, Shizuo; and Yamamoto, Keisuke, 4,535,272, Cl. 315-366.000.
- Iyengar, Mike; and Gallagher, Gail, to American Hospital Supply Corporation. Heat-radiating cover for food plates. 4,530,344, 7-23-85, Cl. 126-246.000.
- Iyengar, Rama, to AT&T Technologies, Inc. Method and apparatus for coating optical waveguide fibers. 4,533,570, 8-6-85, Cl. 427-163.000.
- Iyer, L. Srinivasa, to South Dakota School of Mines and Technology. Apparatus for measuring dimensional change of materials. 4,491,017, 1-1-85, Cl. 73-432.100.
- Iyimen, Siddik: *See*—
  - Moller, Erwin; and Iyimen, Siddik, 4,547,379, Cl. 426-281.000.
- Iyoda, Shozo: *See*—
  - Ubukata, Susumu; Mizutani, Yasukazu; and Iyoda, Shozo, 4,517,541, Cl. 337-89.000.
- Iyoda, Syozo: *See*—
  - Ubukata, Susumu; Mizutani, Yasukazu; and Iyoda, Syozo, 4,510,481, Cl. 337-368.000.
- Iyoda, Tetsuo; and Tamai, Masayoshi, to Fuji Xerox Co., Ltd. Deflecting electrode assembly for multi-nozzle ink jets. 4,504,839, 3-12-85, Cl. 346-75.000.
- Iyoda, Tetsuo: *See*—
  - Tamai, Masayoshi; Iyoda, Tetsuo; and Koizumi, Yukihisa, 4,510,504, Cl. 346-75.000.
  - Tamai, Masayoshi; Iyoda, Tetsuo; and Koizumi, Yukihisa, 4,516,134, Cl. 346-75.000.
- Iyori, Yusuke; and Takahashi, Norio, to Hitachi Metals, Ltd. Ceramics for cutting tools. 4,543,343, 9-24-85, Cl. 501-87.000.
- Iyota, Yasumasa: *See*—
  - Komiyama, Choji; Oishi, Kengo; Suzuki, Osamu; and Iyota, Yasumasa, 4,557,380, Cl. 206-387.000.
- Izadi, Said: *See*—
  - Cruzen, Gerald S.; Izadi, Said; and Nagy, Peter, 4,494,287, Cl. 29-156.80R.
- Izaki, Katsura, to Mitsubishi Denki Kabushiki Kaisha. Air conditioning apparatus for cars. 4,537,114, 8-27-85, Cl. 98-2.060.
- Izawa, Akira: *See*—
  - Moriguchi, Yutaro; Honda, Makoto; and Izawa, Akira, 4,509,823, Cl. 350-128.000.
- Izawa, Hikaru: *See*—
  - Ito, Masakazu; and Izawa, Hikaru, 4,545,141, Cl. 40-531.000.
- Izawa, Hisao: *See*—
  - Kakizaki, Yukio; Izawa, Hisao; and Hazama, Junji, 4,537,501, Cl. 355-76.000.
- Izawa, Kenzyu: *See*—
  - Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, 4,522,082, Cl. 74-512.000.
- Izawa, Koji: *See*—
  - Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, 4,534,622, Cl. 350-334.000.

- Nagato, Hitoshi; Izawa, Koji; and Hirahara, Shuzo, 4,514,738, Cl. 346-76.0PH.
- Izawa, Kouji: *See—*
  - Kanno, Masayuki; Tezuka, Hisao; Izawa, Kouji; and Kamiyama, Tadanobu, 4,538,183, Cl. 358-280.000.
- Izawa, Masao; and Tatsukawa, Sachiko, to Olympus Optical Co., Ltd. Method and apparatus for dislodging cultured cells. 4,556,639, 12-3-85, Cl. 435-284.000.
- Izawa, Shinichiro: *See—*
  - Inagaki, Takashi; Fujita, Yasumasa; and Izawa, Shinichiro, 4,558,667, Cl. 123-90.440.
- Izawa, Toshihisa: *See—*
  - Kumazawa, Takahiro; Nakamura, Yoshihiro; and Izawa, Toshihisa, 4,558,695, Cl. 228-183.000.
- Izawa, Toshio; Iwamoto, Yoshinao; Shirasaki, Yuichi; and Asakawa, Kenichi, to Kokusai Denshin Denwa Co., Ltd. Guiding method for cable burying device and a device therefor. 4,492,492, 1-8-85, Cl. 405-160.000.
- Izawa, Toshio: *See—*
  - Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, 4,537,530, Cl. 405-160.000.
- Izawa, Yuji: *See—*
  - Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, 4,556,800, Cl. 250-578.000.
- Izbicki, Anthony J.: *See—*
  - Wagner, Frederick B., III; and Izbicki, Anthony J., 4,533,415, Cl. 149-35.000.
- Izeki, Jiro; and Shimoda, Ikuo, to Oiles Kogyo Kabushiki Kaisha. Vibration damping apparatus. 4,545,466, 10-8-85, Cl. 188-268.000.
- Izen, Ronald L.: *See—*
  - Topalian, Joan A.; and Izen, Ronald L., 4,516,282, Cl. 5-72.000.
- Izhar, Rafi: *See—*
  - Nun, Emmanuel B.; Izhar, Rafi; and Karpol, Avner, 4,555,727, Cl. 358-106.000.
- Izichi, Yasuto: *See—*
  - Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, 4,522,082, Cl. 74-512.000.
- Izosimov, Dimitrij B.; and Sabanovic, Asif, to Energoinvest; and IAT. Method and apparatus for the control of synchronous motors. 4,499,413, 2-12-85, Cl. 318-802.000.
- Izraeli, Hyman, to Thomas & Betts Corporation. Connector assembly for insulated cable. 4,550,965, 11-5-85, Cl. 339-47.00R.
- Izu, Masatsugu; and Cannella, Vincent D., to Sovonics Solar Systems. System for eliminating short circuit current paths in photovoltaic devices. 4,510,674, 4-16-85, Cl. 29-574.000.
- Izu, Masatsugu; and Cannella, Vincent D., to Sovonics Solar Systems. System for eliminating short and latent short circuit current paths in photovoltaic devices. 4,510,675, 4-16-85, Cl. 29-574.000.
- Izu, Masatsugu; and Cannella, Vincent D., to Energy Conversion Devices, Inc. Substrate for photovoltaic devices. 4,514,583, 4-30-85, Cl. 136-259.000.
- Izu, Masatsugu; Cannella, Vincent D.; and Ovshinsky, Stanford R., to Sovonics Solar Systems. Continuous amorphous solar cell production system. 4,519,339, 5-28-85, Cl. 118-718.000.
- Izu, Masatsugu; and Ovshinsky, Herbert C., to Sovonics Solar Systems. Continuous system for depositing amorphous semiconductor material. 4,542,711, 9-24-85, Cl. 118-718.000.
- Izu, Masatsugu; and Gattuso, David A., to Sovonics Solar Systems. Isolation valve. 4,545,136, 10-8-85, Cl. 34-155.000.
- Izu, Masatsugu: *See—*
  - Hanak, Joseph J.; Nath, Prem; Izu, Masatsugu; and Young, James, 4,530,739, Cl. 204-4.000.
  - Nath, Prem; and Izu, Masatsugu, 4,513,684, Cl. 118-718.000.
  - Nath, Prem; and Izu, Masatsugu, 4,532,372, Cl. 136-256.000.
  - Ovshinsky, Herbert C.; and Izu, Masatsugu, 4,492,181, Cl. 118-718.000.
  - Ovshinsky, Stanford R.; and Izu, Masatsugu, 4,492,810, Cl. 136-255.000.
  - Ovshinsky, Stanford R.; and Izu, Masatsugu, 4,522,663, Cl. 148-403.000.
- Izume, Masayuki, to Taiyo Ltd. Rotary business form printing press. 4,500,082, 2-19-85, Cl. 270-20.100.
- Izume, Takatomo; and Okado, Chihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. DC power source. 4,499,363, 2-12-85, Cl. 219-130.210.
- Izumi, Akio: *See—*
  - Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.
- Izumi, Asashiro, to Kabushiki Kaisha Ishida Koki Seisakusho. Removable hopper mechanism in an automatic weighing apparatus. 4,499,962, 2-19-85, Cl. 177-58.000.
- Izumi, Asashiro; Mikami, Yoshiharu; and Yamada, Seiji, to Kabushiki Kaisha Ishida Koki Seisakusho. Article discharge apparatus and method in automatic weighing system. 4,535,855, 8-20-85, Cl. 177-1.000.
- Izumi, Asashiro; and Mikami, Yoshiharu, to Kabushiki Kaisha Ishida Koki Seisakusho. Cover apparatus for weighing machines. 4,545,630, 10-8-85, Cl. 312-285.000.
- Izumi, Chikahiko: *See—*
  - Hashimoto, Noriaki; Kubo, Kanji; and Izumi, Chikahiko, 4,561,071, Cl. 365-230.000.
  - Kubo, Kanji; Momose, Tsugio; and Izumi, Chikahiko, 4,500,959, Cl. 364-200.000.
- Izumi, Chikashi: *See—*
  - Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.
- Izumi Denki Corporation: *See—*
  - Fujita, Teizo; and Kimura, Haruo, 4,499,352, Cl. 200-296.000.
- Izumi, Eiichi; and Tamura, Hifumi, to Hitachi, Ltd. Ion micro-analysis. 4,510,387, 4-9-85, Cl. 250-309.000.
- Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, to Hitachi Construction Machinery Co., Ltd. Circuit pressure control system for hydrostatic power transmission. 4,510,750, 4-16-85, Cl. 60-443.000.
- Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, to Hitachi Construction Machinery Co., Ltd. Control system for hydrostatic power transmission. 4,528,813, 7-16-85, Cl. 60-389.000.
- Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, to Hitachi Construction Machinery Co., Ltd. Flushing valve system in closed circuit hydrostatic power transmission. 4,531,369, 7-30-85, Cl. 60-456.000.
- Izumi, Eiki: *See—*
  - Aoyagi, Yukio; Izumi, Eiki; Yamaguchi, Takeshi; and Tanaka, Sotaro, 4,561,250, Cl. 60-430.000.
  - Nakajima, Kichio; Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; and Honma, Kazuo, 4,520,626, Cl. 60-468.000.
  - Watanabe, Hiroshi; and Izumi, Eiki, 4,558,593, Cl. 73-168.000.
  - Watanabe, Hiroshi; Izumi, Eiki; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,561,249, Cl. 60-421.000.
- Izumi, Hiroshi, to Alps Electric Co., Ltd. Ceramic trimmer capacitor. 4,500,941, 2-19-85, Cl. 361-293.000.
- Izumi, Hiroshi; and Koike, Hiroshi, to Alps Electric Co., Ltd. Circuit for driving a stepping motor. 4,529,923, 7-16-85, Cl. 318-696.000.
- Izumi, Hirotaka, to Fuji Xerox Co., Ltd. Sheet conveying device for a copying machine. 4,508,445, 4-2-85, Cl. 355-3.0SH.
- Izumi, Kazuo; Shimazaki, Kenji; and Seki, Kenji, to Toho Beslon Co., Ltd. Fibrous activated carbon and process of producing it. 4,508,851, 4-2-85, Cl. 502-426.000.
- Izumi, Kazuo: *See—*
  - Furuzawa, Kunihiko; Funaki, Yuji; Hisada, Yoshio; and Izumi, Kazuo, 4,493,842, Cl. 424-273.00R.
  - Ogawa, Hiroyasu; Izumi, Kazuo; and Shimazaki, Kenji, 4,520,623, Cl. 57-236.000.
- Izumi, Kenkichi: *See—*
  - Okouchi, Isao; Takahashi, Sankichi; Izumi, Kenkichi; Miyai, Masahiko; and Otake, Katsumoto, 4,543,188, Cl. 210-304.000.
- Izumi, Kouichi; and Hiyama, Yasuhiro, to Diesel Kiki Co., Ltd. Electronically controlled governor for diesel engines. 4,497,294, 2-5-85, Cl. 123-357.000.
- Izumi, Masahiko. Method of heat exchange and refrigerating devices. 4,501,121, 2-26-85, Cl. 62-78.000.
- Izumi, Masahiko. Refrigerating device. 4,501,130, 2-26-85, Cl. 62-247.000.
- Izumi, Masaro: *See—*
  - Shibata, Yoichi; Kimura, Ryosuke; Sumigama, Takashi; and Izumi, Masaro, 4,515,350, Cl. 266-92.000.
- Izumi, Masashi: *See—*
  - Kusakabe, Hiroyoshi; Ishiko, Hideo; Okumura, Takeshi; Izumi, Masashi; and Furukawa, Masahiro, 4,505,123, Cl. 62-148.000.
- Izumi, Masayoshi: *See—*
  - Sumiyoshi, Kikuo; Sato, Eiji; Kojima, Masamitsu; Izumi, Masayoshi; and Miyasaka, Kingo, 4,547,434, Cl. 428-609.000.
  - Sumiyoshi, Kikuo; Sato, Eiji; Hirai, Kazuo; Miyasaka, Kingo; and Izumi, Masayoshi, 4,551,393, Cl. 428-609.000.
- Izumi, Michael T. Dry fire unit. 4,501,081, 2-26-85, Cl. 42-1.00R.
- Izumi, Misao: *See—*
  - Morimoto, Takuo; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,496,469, Cl. 252-62.000.
  - Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,542,067, Cl. 428-237.000.
- Izumi, Takayuki, to Toa Nenryo Kogyo Kabushiki Kaisha. Process for continuous production of optically anisotropic pitch. 4,511,456, 4-16-85, Cl. 208-44.000.
- Izumi, Takayuki; Naito, Tsutomu; and Igarashi, Seiko, to Toa Nenryo Kogyo Kabushiki Kaisha. Process for producing mesophase pitch. 4,533,461, 8-6-85, Cl. 208-44.000.
- Izumi, Takayuki; Naito, Tsutomu; and Nakamura, Tomoo, to Toa Nenryo Kogyo Kabushiki Kaisha. Optically antisotropic carbonaceous pitch. 4,534,850, 8-13-85, Cl. 208-22.000.
- Izumi, Toshiaki: *See—*
  - Nakayama, Masatoshi; and Izumi, Toshiaki, 4,548,864, Cl. 428-336.000.
  - Saito, Seitoku; Izumi, Toshiaki; Kobuke, Takayoshi; and Sugihara, Hiroshi, 4,520,076, Cl. 428-611.000.
- Izumi, Yoshitaka, to Kimura Bed Mfg. Company Limited. Vacuum suction type urinating aid. 4,531,939, 7-30-85, Cl. 604-73.000.
- Izumi, Yutaka; and Kawakami, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Device for loading and ejecting a disc in a disc player. 4,539,668, 9-3-85, Cl. 369-75.200.
- Izumida, Hisashi: *See—*
  - Uchida, Katsutoshi; Izumida, Hisashi; Kawana, Kofu; and Suda, Masaru, 4,529,960, Cl. 338-309.000.
- Izumisawa, Yoshiaki: *See—*
  - Hashizume, Hiroshi; and Izumisawa, Yoshiaki, 4,560,793, Cl. 562-414.000.
  - Hashizume, Hiroshi; and Izumisawa, Yoshiaki, 4,562,285, Cl. 562-414.000.

- Izumita, Morishi: *See—*
  - Sato, Kazuhiro; Izumita, Morishi; Takahashi, Kenji; Akiyama, Toshiyuki; and Nishizawa, Shigeki, 4,498,106, Cl. 358-213.000.
- Izumitani, Tetsuro; Takajoh, Toshi; and Kinjo, Iwao, to Hoya Corporation. Method and apparatus for melting glass. 4,549,895, 10-29-85, Cl. 65-134.000.
- Izumiya, Masakiyo: *See—*
  - Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.
- Izumiyama, Hiroo: *See—*
  - Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.
- Izumiyama, Yoshio: *See—*
  - Sunami, Hideo; Kuguminato, Hideo; Izumiyama, Yoshio; Yanagishima, Fumiya; Obara, Takashi; and Mochizuki, Kazuo, 4,561,909, Cl. 148-12.00D.
- Izumo, Masatoshi, to Mitsubishi Jukogyo Kabushiki Kaisha. Method of shaping a helical gear. 4,514,119, 4-30-85, Cl. 409-60.000.
- Izushi, Takehiro: *See—*
  - Uemura, Masayuki; Murauchi, Akitsugu; and Izushi, Takehiro, 4,521,020, Cl. 273-85.00G.
- izushi, Tomoya: *See—*
  - Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.
- Izuta, Tadao, to Nippon Gakki Seizo Kabushiki Kaisha. Stabilizer for archery bows. 4,556,042, 12-3-85, Cl. 124-89.000.
- Izutani, Kouji; Shigeta, Isamu; Nara, Akio; and Hayashi, Hidetaka, to Nippondenso Co., Ltd. Fuel heating type fuel filter device. 4,539,108, 9-3-85, Cl. 210-104.000.
- Izzo, Alexander P. Added feature to disposable diapers. 4,493,713, 1-15-85, Cl. 604-385.000.
- Izzo, Anthony J.: *See—*
  - Provost, Alfred M., 4,497,077, Cl. 4-628.000.
- Izzo, Henry J.; and McNaught, John P., to Lever Brothers Company. Edible composition comprising discrete fat-bearing particles in a fat-bearing matrix. 4,546,003, 10-8-85, Cl. 426-581.000.
- Izzo, Kenneth R.: *See—*
  - Umble, Don G.; Choong, Tsi-Pin; Izzo, Kenneth R.; Burdg, Charles E.; Hankin, Gary H.; and Dalke, Charles A., 4,512,179, Cl. 73-4.00R.
- J A E G E R: *See—*
  - Bezard, Jean-Jacques; Jourdain, Charles H.; and Lalanne, Bruno, 4,513,616, Cl. 73-295.000.
- J. A. Freeman & Son, Inc.: *See—*
  - Miguel, Marvin E., 4,534,691, Cl. 414-38.000.
- J. A. Preston Corporation: *See—*
  - Kirby, John R., 4,541,418, Cl. 128-24.100.
- J. C. & D Enterprises, Inc.: *See—*
  - Union, Elias J., 4,550,904, Cl. 271-198.000.
- J. C. Kinley Company: *See—*
  - Kinley, Karl S.; and Pratt, Allyn R., 4,557,327, Cl. 166-241.000.
- J. C. Penney Company, Inc.: *See—*
  - Gaber, Ira; and Lawrence, Harry E., III, 4,530,539, Cl. 297-174.000.
  - Lucchesi, Armand P., 4,504,701, Cl. 179-84.00T.
- J. C. Pitman Company, Inc.: *See—*
  - Bellerose, Richard J., 4,546,684, Cl. 83-355.000.
- J. C. Renfroe and Sons, Inc.: *See—*
  - Davies, William, 4,498,699, Cl. 294-101.000.
  - Renfroe, Charles J.; and Davies, William, 4,492,401, Cl. 294-101.000.
- J. D. & C., Inc.: *See—*
  - Fatool, Francis N., 4,529,199, Cl. 273-25.000.
  - Fatool, Francis N.; and Gordon, James L., 4,542,901, Cl. 273-25.000.
- J. D. Calato Manufacturing Co., Inc.: *See—*
  - Calato, Joseph S., 4,541,322, Cl. 84-422.00S.
- J. D. Hanger & Company Limited: *See—*
  - May, Denis R. W.; and Hiddleston, James N., 4,517,688, Cl. 3-2.000.
- J. D. Phillips Corporation: *See—*
  - Phillips, James D., 4,522,189, Cl. 125-11.0TP.
  - Phillips, James D.; and Sheets, Robert L., 4,551,048, Cl. 409-197.000.
- J. E. Grote Company: *See—*
  - Hochanadel, Thomas A.; and McInerney, Robert J., 4,543,864, Cl. 83-91.000.
- J. E. Hanger & Company Limited: *See—*
  - May, Denis R. W., 4,523,338, Cl. 3-21.000.
- J. E. Love Co.: *See—*
  - Neal, Archie E., 4,506,610, Cl. 111-87.000.
- J. Eberspacher: *See—*
  - Langen, Herbert; Reiser, Peter; and Kenner, Erich, 4,536,151, Cl. 431-1.000.
- J. F. Adolff AG: *See—*
  - Friedrich, Hans-Joachim, 4,535,021, Cl. 428-137.000.
- J.F.S., Inc.: *See—*
  - Johnson, David A., 4,516,515, Cl. 114-197.000.
  - Johnson, David A., 4,528,765, Cl. 42-1.0LP.
  - Johnson, David A., 4,555,051, Cl. 224-150.000.
- J. F. Werz, Jr. KG Werzalit-Pressholzwerk: *See—*
  - Munk, Edmund; and Dietz, Martin, 4,552,797, Cl. 428-167.000.
  - Traumuller, Otfried; and Weinberg, Gerd, 4,550,832, Cl. 206-509.000.
  - Traumuller, Otfried; and Weinberg, Gerd, 4,550,847, Cl. 220-4.00F.
- J. H. Benecke GmbH: *See—*
  - Bottcher, Hugo; Heimrich, Klaus; Hildebrandt, Gustav; Kracke, Heinrich; and Richter, Johannes, 4,551,297, Cl. 264-224.000.
- J. H. Diamond Company: *See—*
  - Winkler, David S.; and Diamond, Jeffrey H., 4,526,913, Cl. 524-31.000.
- J.H. Fenner & Co. Limited: *See—*
  - Hayhurst, Gordon A.; and Rayner, David A., 4,512,681, Cl. 403-371.000.
- J. H. Sessions & Son: *See—*
  - Werner, Ernest A., 4,560,190, Cl. 292-111.000.
- J. Hall Company: *See—*
  - Russo, Anthony; and Mauthner, Thomas, 4,514,325, Cl. 252-557.000.
- J. Hengstler K.G.: *See—*
  - Kratt, Kurt, 4,506,373, Cl. 377-88.000.
- J. I. Case Company: *See—*
  - Allen, John J.; and Meitl, Harold G., 4,530,537, Cl. 296-1.00C.
  - Beemer, Richard B.; Hennessey, Richard G.; and Melles, Harold W., 4,548,303, Cl. 192-3.310.
  - Bellah, Glen R., 4,541,307, Cl. 74-850.000.
  - Brown, Marvin L.; and Jarrett, Ronald T., 4,557,448, Cl. 248-75.000.
  - Chatterjea, Probir K., 4,552,168, Cl. 137-101.000.
  - Cochran, Gary L.; and Baum, Dean O., 4,545,720, Cl. 414-723.000.
  - Fachini, Robert M.; Orsborn, Jesse H.; and Barrett, Monroe C., 4,519,189, Cl. 56-16.600.
  - Fachini, Robert M.; Barrett, Monroe C.; and McClure, Maxwell D., III, 4,520,617, Cl. 56-16.600.
  - Fachini, Robert M., 4,538,403, Cl. 56-44.000.
  - Fachini, Robert M.; and Orsborn, Jesse H., 4,553,378, Cl. 56-16.600.
  - Hale, Richard A.; Olsson, Nils O.; and Reiff, Thomas F., 4,526,377, Cl. 277-9.000.
  - Hanson, Charles B., 4,546,996, Cl. 280-764.100.
  - Harden, Eldon A.; and Randol, Kent B., 4,519,461, Cl. 172-225.000.
  - Harrington, Daniel L., 4,527,659, Cl. 181-244.000.
  - Hennessey, Richard G.; Beemer, Richard B.; and Melles, Harold W., 4,526,255, Cl. 192-3.580.
  - Huitema, Thomas W.; and DeSutter, David A., 4,548,094, Cl. 74-526.000.
  - Marchi, Gary C.; and Logan, Richard H., 4,522,109, Cl. 91-420.000.
  - Maurer, Herman J.; Pedersen, Carl O.; and Nudd, Barry C., 4,500,250, Cl. 414-695.500.
  - McKee, Kenneth E.; Meitl, Harold G.; Thanh, Vo V.; and Bixler, Craig A., 4,527,444, Cl. 74-493.000.
  - Mickelson, Roger D., 4,559,965, Cl. 137-115.000.
  - Moneta, Casimir, 4,537,089, Cl. 74-493.000.
  - Mylander, Richard H., 4,530,426, Cl. 192-4.00A.
  - Mylander, Richard H., 4,546,664, Cl. 74-473.00R.
  - Parquet, Donald J.; Brown, Thomas R.; and Edwards, Eldon R., 4,515,520, Cl. 414-718.000.
  - Parquet, Donald J., 4,537,274, Cl. 180-270.000.
  - Salva, Henri E., 4,553,609, Cl. 172-647.000.
  - Schroeder, Philip W., 4,526,425, Cl. 301-36.00R.
  - Schuck, Paul R., 4,503,945, Cl. 188-71.800.
  - Skeel, James C., 4,530,427, Cl. 192-4.00A.
  - Speers, Leonard E.; Inhofer, John D.; and Redenbarger, Philip D., 4,522,160, Cl. 123-41.490.
  - Tucek, Frank J., 4,500,139, Cl. 305-10.000.
  - Van Ooyen, Richard C., 4,545,624, Cl. 305-9.000.
  - Vater, George R.; and Allori, Aldo, 4,533,149, Cl. 277-221.000.
  - Wunschl, Nicholas H.; and Robinson, Edward L., Jr., 4,519,525, Cl. 221-211.000.
  - Youngers, Stephen A.; and Draney, Robert G., 4,553,448, Cl. 74-480.00R.
- J & J Dental Products Inc.: *See—*
  - Ying, Lincoln, 4,540,723, Cl. 523-115.000.
- J-Jet Konstruktions: *See—*
  - Olsson, John; Olsson, Bertil; and Olsson, Gunnar, 4,548,187, Cl. 123-557.000.
- J & L Importers, Inc.: *See—*
  - Oh, Chang H., 4,538,590, Cl. 126-390.000.
- J. Lorch Gesellschaft & Co. KG: *See—*
  - Hugler, Klaus, 4,561,632, Cl. 251-129.150.
- J. M. Huber Corporation: *See—*
  - Hoff, H. Milton, 4,560,176, Cl. 277-105.000.
  - Kostinko, John A., 4,539,191, Cl. 423-275.000.
  - Wason, Satish K., 4,497,918, Cl. 523-220.000.
  - White, Herbert V., 4,498,895, Cl. 493-476.000.
  - Withiam, Michael C., 4,557,916, Cl. 423-328.000.
- J-M Manufacturing Co., Inc.: *See—*
  - Martin, William W., Jr.; and French, David W., 4,522,578, Cl. 425-110.000.
- J. M. Smucker Company, The: *See—*
  - Brain, Charles; and Johnston, Barry, 4,532,143, Cl. 426-577.000.
- J. M. Voith GmbH: *See—*
  - Beisswanger, Rudolf, 4,508,283, Cl. 242-56.400.
  - Damrau, Wayne A.; Vreeland, William C.; Bernert, Richard; and Wohrle, Albert, 4,534,309, Cl. 118-410.000.
  - Elsner, Ernst, 4,497,219, Cl. 74-790.000.
  - Fauser, Hans, 4,560,860, Cl. 219-470.000.
  - Fissmann, Hans-Joachim; Meinecke, Albrecht; and Kemmer, Manfred, 4,502,231, Cl. 34-114.000.
  - Hauser, Ludwig; and Wanke, Wilhelm, 4,518,460, Cl. 162-361.000.
  - Jenkner, Karl; Steiner, Karl; and Wolf, Robert, 4,501,075, Cl. 34-125.000.

Kraft, Wilfred; and Benz, Wilhelm, 4,560,441, Cl. 162-273.000.
Lindenthal, Hans and Depping, Herbert, 4,529,392, Cl. 464-112.000.
Lindenthal, Hans, 4,543,011, Cl. 403-338.000.
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Musselmann, Walter; Kinzler, Herbert; and Tra, Josef, 4,493,766, Cl. 209-362.000.
Osswald, Manfred; Rau, Hanns; and Fissmann, Hans-Joachim, 4,505,052, Cl. 34-114.000.
Rohde, Gunter; Holzinger, Dieter; and Grossmann, Udo, 4,546,930, Cl. 242-56.00R.
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Schiel, Christian; Zurn, Georg; and Schmid, Karl, 4,520,578, Cl. 34-110.000.
Schilder, Hans, 4,545,734, Cl. 416-146.00A.
Steiner, Karl; Schiel, Christian; Meinecke, Albrecht; Mullner, Josef; and Weiss, Hans, 4,555,305, Cl. 162-205.000.
Wohrle, Albert; and Krautzberger, Franz, 4,495,888, Cl. 118-410.000.
J/Mac Corporation: *See*—
Jones, William R., 4,524,912, Cl. 229-150.000.
J. Mulcahy Enterprises Incorporated: *See*—
Mulcahy, Joseph A., 4,499,583, Cl. 373-161.000.
Mulcahy, Joseph A., 4,512,799, Cl. 75-49.000.
Mulcahy, Joseph A., 4,522,249, Cl. 164-466.000.
J-O Wallen Electronic Int. AB: *See*—
Wallen, Jan O., 4,523,252, Cl. 361-212.000.
J & P Coats, Limited: *See*—
Hampson, Jack T., 4,516,411, Cl. 66-64.000.
Scott, Alexander, 4,497,099, Cl. 28-220.000.
J. P. Howes Productions: *See*—
Howes, James P.; and Richardson, James E., 4,505,132, Cl. 62-457.000.
J.P. Products, Inc.: *See*—
Cheer, David A., 4,523,780, Cl. 285-399.000.
J. P. Tool: *See*—
Peuterbaugh, Bruce G., 4,508,475, Cl. 408-153.000.
J & R Manufacturing, Inc.: *See*—
Riley, Roy C., 4,550,966, Cl. 339-84.000.
J. R. Simplot Company: *See*—
Bierman, Laurence W.; Polinsky, Samuel M.; Hempel, David A.; and Humberger, Roger B., 4,511,541, Cl. 423-100.000.
Bierman, Laurence W.; Edinborough, Charles R.; and Johnson, David K., 4,554,004, Cl. 71-29.000.
J. S. Staedtier KG: *See*—
Brunner, Engelbert, 4,538,934, Cl. 401-53.000.
J. S. Technology, Inc.: *See*—
Stasiek, Jan S.; and Deyhimy, I.a. 4,558,601, Cl. 73-862.230.
J. Stanley Miller Corporation: *See*—
Miller, Stanley, 4,525,243, Cl. 202-181.000.
J. Strobel & Sohne GmbH & Co.: *See*—
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J. T. Baker Chemical Company: *See*—
Cady, Wayne A., 4,544,446, Cl. 156-639.000.
Crane, Laura J.; and Ramsden, Hugh E., 4,523,997, Cl. 210-635.000.
Kruger, Paul J., 4,552,582, Cl. 71-73.000.
Ramsden, Hugh E., 4,522,724, Cl. 210-635.000.
Ramsden, Hugh E., 4,540,486, Cl. 210-198.200.
Ramsden, Hugh E.; and Henry, Michael, 4,551,245, Cl. 210-198.200.
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J. T. Eaton & Company, Inc.: *See*—
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J. T. Thorpe Company: *See*—
Hounsel, Mack A., 4,492,382, Cl. 277-12.000.
J. W. Lighting Inc.: *See*—
Mullins, Jack R., 4,517,631, Cl. 362-346.000.
J-W Operating Company: *See*—
Gagnon, James J., 4,496,286, Cl. 417-22.000.
J. Wagner GmbH: *See*—
Boll, Hans-Joachim, 4,517,620, Cl. 361-154.000.
Kille, Ewald; and Griebel, Heinrich, 4,511,074, Cl. 227-113.000.
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Bennett, James W.; Howe, Gary L.; Jaakola, Kenneth A.; and Koutavas, Samuel G., 4,506,138, Cl. 219-205.000.
Jaakonmaki, Matti; and Raura, Pentti, to Rauma-Repola Oy. Wood chip shaving machine. 4,492,343, 1-8-85, Cl. 241-95.000.
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Jabagchourian, Hrair; and Lucas, Louis, Jr., to Kilovac Corporation. High voltage relay. 4,506,244, 3-19-85, Cl. 335-151.000.
Jabarin, Saleh A., to Owens-Illinois, Inc. Method for making poly(ethylene terephthalate) article. 4,512,948, 4-23-85, Cl. 264-521.000.
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Jabarin, Saleh A., to Owens-Illinois, Inc. Oriented, high density poly-(ethylene terephthalate). 4,535,025, 8-13-85, Cl. 428-220.000.
Jabas, Florian H. Moving air oven for baking and the like. 4,515,143, 5-7-85, Cl. 126-21.00A.
Jabben, Gary D., to AT&T Technologies, Inc. Click disc switch assembly. 4,539,445, 9-3-85, Cl. 200-5.00A.
Jaber, Khalil N.: *See*—
Broaddus, Wayne R.; Jaber, Khalil N.; and Orofino, Thomas A., 4,515,839, Cl. 428-17.000.
Jable, Roger D.; and Settle, Alva R., to Boler Investments, Inc. Tandem axle suspension system. 4,502,707, 3-5-85, Cl. 280-682.000.
Jablonka, Dieter; Urban, Klaus; Raidt, Heinz-Peter; and Schepers, Eberhard, to Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V.; and Ewald Dorken AG. Sound-absorbing element. 4,555,433, 11-26-85, Cl. 428-166.000.
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Scholl, Hans-Joachim; Sachs, Hanns I.; Jabs, Gert; and Loew, Gunther, 4,528,153, Cl. 264-109.000.
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Suzuki, Teisuke, 4,557,940, Cl. 426-513.000.
Jac Tac, Inc.: *See*—
Hoopengardner, Merle R., 4,557,774, Cl. 156-71.000.
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Jachimowicz, Felek; and Hansson, P. E. Anders, to W. R. Grace & Co. Process for the preparation of polymeric amine containing products. 4,558,101, 12-10-85, Cl. 525-333.200.
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Hanson, Eric A.; and Jachimowicz, Felek, 4,513,122, Cl. 525-332.300.
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Jack, Douglas S.; and Garner, James W., to Phillips Petroleum Company. Continuous overbasing of petroleum sulfonate with water removal and methanol addition between reaction stages. 4,541,938, 9-17-85, Cl. 252-33.000.
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Jack, Douglas S.: *See*—
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Jack Farrelly Company, The: *See*—
Farrelly, Robert E., 4,544,302, Cl. 404-2.000.
Jack, James M.; and Mitchell, Stanley W., to Northern Vibrator Manufacturing Limited. Apparatus for breaking up solidified material in a storage container. 4,509,701, 4-9-85, Cl. 241-292.000.
Jack, Kenneth H.; and Trigg, Mark B., to Lucas Cookson Syalon Limited. O′-phase sialon ceramic product and a method of forming dense ceramic product. 4,506,021, 3-19-85, Cl. 501-98.000.
Jack Prince, Inc.: *See*—
Prince, Jack A.; and Standridge, Bobby D., 4,516,731, Cl. 241-24.000.
Jack, Thomas R.: *See*—
Thompson, Bradley G.; and Jack, Thomas R., 4,561,500, Cl. 166-246.000.
Jack Walters & Sons Corp.: *See*—
Geisthardt, Alan C., 4,509,291, Cl. 49-409.000.
Jacke, Stanley E., to SmithKline Diagnostics, Inc. Method for in house occult blood testing. 4,521,520, 6-4-85, Cl. 436-66.000.
Jackel, Klaus-Peter: *See*—
Gimpel, Jurgen; Jackel, Klaus-Peter; and Sander, Hans, 4,510,284, Cl. 524-379.000.
Jackel, Lawrence D.: *See*—
Damen, Theodoor C.; Duguay, Michael A.; Howard, Richard E.; Jackel, Lawrence D.; and Skocpol, William J., 4,550,249, Cl. 250-201.000.
Jackemeyer, James E. Compressible portable exercising apparatus with container. 4,496,146, 1-29-85, Cl. 272-74.000.
Jackisch, Philip F., to Ethyl Corporation. Process for making cyclic amines. 4,521,624, 6-4-85, Cl. 564-446.000.
Jackman, Earle G., to Honeywell Inc. Stereo television system. 4,504,856, 3-12-85, Cl. 358-92.000.
Jackman, Peter R.; and Thomas, Alan D., to First Inertia Switch Limited. Inertia switch device. 4,533,801, 8-6-85, Cl. 200-61.45R.
Jackman, William. Remote fire hydrant actuator. 4,561,459, 12-31-85, Cl. 137-291.000.

- Jackovich, Melvin C.: *See—*
  - Spencer, William; and Jackovich, Melvin C., 4,528,493, Cl. 322-99.000.
  - Spencer, William; and Jackovich, Melvin C., 4,559,486, Cl. 322-99.000.
- Jackowski, Ronald A., to Chicago Rawhide Manufacturing Company. Fluid seal with unitary wear sleeve element. 4,531,748, 7-30-85, Cl. 277-153.000.
- Jackowski, Stefan P.; and Moyer, James T., to International Business Machines Corporation. Interface checking apparatus. 4,561,094, 12-24-85, Cl. 371-24.000.
- Jackrel, Donald. Gas permeable-liquid impermeable membranes confined within a recess. 4,520,056, 5-28-85, Cl. 428-68.000.
- Jackrel, Donald. Method for fabricating a glove with an intermediate membrane layer. 4,545,841, 10-8-85, Cl. 156-290.000.
- Jacks, Shirley L.; and Ng, Sun W. Cooking utensil. 4,495,861, 1-29-85, Cl. 99-422.000.
- Jackson, Alan D., to Cessna Aircraft Company, The. Outlet metering load-sensing circuit. 4,510,751, 4-16-85, Cl. 60-450.000.
- Jackson, Alan D., to Cessna Aircraft Company, The. Metered lockout valve. 4,545,287, 10-8-85, Cl. 91-420.000.
- Jackson, Andre J. Umbrella holder. 4,558,807, 12-17-85, Cl. 224-251.000.
- Jackson, Arthur; and Heyes, Graham, to Fine Organics Limited. Preparation of thiazine derivatives. 4,532,322, 7-30-85, Cl. 544-54.000.
- Jackson, Arthur R. Process for repairing a cutting saw. 4,527,322, 7-9-85, Cl. 29-402.060.
- Jackson, Bernie F.: *See—*
  - Borner, Willy; and Jackson, Bernie F., 4,507,964, Cl. 73-462.000.
- Jackson, Bobby D.: *See—*
  - Hendrix, James E.; Daniels, John Y.; and Jackson, Bobby D., 4,530,874, Cl. 428-266.000.
- Jackson, Brian L.; and Parker, Philip. Rotary microtome drive. 4,495,844, 1-29-85, Cl. 83-715.000.
- Jackson, Bruce J.; Simmons, Ralph F.; and Covault, Mike L., to Hewlett-Packard Company. Thin film transducer head for inductive recording and magnetoresistive reading. 4,555,740, 11-26-85, Cl. 360-113.000.
- Jackson, Carroll V., to Wm. W. Meyer & Sons, Inc. Industrial vacuum cleaner. 4,509,963, 4-9-85, Cl. 55-324.000.
- Jackson, Dale E., to Carrier Corporation. Arc welding at high part speeds. 4,556,778, 12-3-85, Cl. 219-125.110.
- Jackson, David L. Drawer slide mounting bracket. 4,555,147, 11-26-85, Cl. 308-3.800.
- Jackson, David M., to Kimberly-Clark Corporation. Sanitary napkin with malodor counteractant means. 4,547,195, 10-15-85, Cl. 604-359.000.
- Jackson, Dawn A.: *See—*
  - Wheeler, Jennifer M.; and Jackson, Dawn A., 4,536,821, Cl. 361-321.000.
- Jackson, Denise M.: *See—*
  - Hafner, Edmund W.; and Jackson, Denise M., 4,532,208, Cl. 435-94.000.
  - Tsuda, Yoshihisa; and Jackson, Denise M., 4,551,432, Cl. 435-232.000.
- Jackson, Douglas H.: *See—*
  - Heathcoat, Michael J.; Jackson, Douglas H.; Jowitt, Frederick W.; Madley, Jack R.; and Stuart, Ian C. E., 4,515,677, Cl. 204-300.0EC.
- Jackson, Emanuel L.; and Myers, Berlin F. Elbow brace for bowlers and golfers. 4,504,054, 3-12-85, Cl. 273-54.00B.
- Jackson Enterprises: *See—*
  - Castilano, Charles R., 4,549,723, Cl. 254-405.000.
- Jackson, Eric C.: *See—*
  - Byars, Larry W.; and Jackson, Eric C., 4,496,421, Cl. 156-304.100.
- Jackson, Ernest V.: *See—*
  - Martin, Alan B.; and Jackson, Ernest V., 4,499,946, Cl. 166-57.000.
  - Martin, Alan B.; and Jackson, Ernest V., 4,546,829, Cl. 166-267.000.
- Jackson, Francis J. Gun trigger actuator. 4,553,347, 11-19-85, Cl. 42-69.00R.
- Jackson, Frank W. Endoscopic scrub device. 4,517,702, 5-21-85, Cl. 15-114.000.
- Jackson, Frank W., to Jackson, Frank W. Exercise S-T segment evaluator. 4,552,156, 11-12-85, Cl. 128-703.000.
- Jackson, G. C., Jr.: *See—*
  - Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., 4,501,454, Cl. 384-619.000.
  - Dennis, James G.; Bramlett, Kenneth W.; and Jackson, G. C., Jr., 4,546,836, Cl. 175-107.000.
- Jackson, Gerald D., to Baker Oil Tools, Inc. Dynamic seal for well tools. 4,493,373, 1-15-85, Cl. 166-321.000.
- Jackson, Gilbert S.: *See—*
  - Kunicki, Wojciech; and Jackson, Gilbert S., 4,504,446, Cl. 422-186.190.
- Jackson, Glen R.: *See—*
  - Halliday, Mary M.; and Jackson, Glen R., 4,544,452, Cl. 203-1.000.
- Jackson, Graham; and Surawy, Ryszard, to British Aerospace Public Limited Company. Position control. 4,537,075, 8-27-85, Cl. 73-634.000.
- Jackson, Graham. Cooling electrical apparatus. 4,561,955, 12-31-85, Cl. 204-229.000.
- Jackson, Graham V.; and Meredith, William N., to Imperial Chemical Industries PLC. Inorganic foams. 4,547,469, 10-15-85, Cl. 501-84.000.
- Jackson, Gregg B. Boat with auxiliary steering apparatus. 4,556,005, 12-3-85, Cl. 114-146.000.
- Jackson, Henry D. Filtration and separation device. 4,508,621, 4-2-85, Cl. 210-86.000.
- Jackson, Ivan; Ward, Michael D.; and Ridgway, Frank, to E. R. Squibb & Sons, Inc. Long-lasting adhesive antifungal suppositories. 4,542,020, 9-17-85, Cl. 514-31.000.
- Jackson, Jacqueline J.: *See—*
  - Smith, Leland B.; and Jackson, Jacqueline J., 4,534,939, Cl. 422-61.000.
- Jackson, James R.: *See—*
  - Becker, Kenneth W.; Jackson, James R.; Lindblom, Gordon P.; and Walsh, Marjorie A., 4,502,962, Cl. 210-749.000.
- Jackson, Jay W.; and Golden, Ruben E., to Hughes Tool Company. Circular seal with integral backup rings. 4,531,749, 7-30-85, Cl. 277-188.00A.
- Jackson, John, to University of Strathclyde. Electrically-conductive materials. 4,505,847, 3-19-85, Cl. 252-511.000.
- Jackson, John C., II; and Schendle, Robert N., to Sunbelt Plastics, a Division of Sunbelt Manufacturing, Inc. Rack for boxed plastic bag rolls. 4,519,502, 5-28-85, Cl. 206-390.000.
- Jackson, John E.; Adler, Thomas A.; Quets, Jean M.; and Tucker, Robert C., Jr., to Union Carbide Corporation. High strength, wear and corrosion resistant coatings. 4,519,840, 5-28-85, Cl. 106-1.050.
- Jackson, John S., to General Motors Corporation. Supercharged engine charge control. 4,516,401, 5-14-85, Cl. 60-602.000.
- Jackson, Joseph F., to Pratt Burnerd International Limited. Workholding devices. 4,502,704, 3-5-85, Cl. 279-111.000.
- Jackson, Joseph F.; and Waite, Ralph A., to Pratt Burnerd International Limited. Chucks. 4,506,896, 3-26-85, Cl. 279-118.000.
- Jackson, Joshua M., to Sperry-Sun, Inc. Borehole pressure measuring system. 4,505,155, 3-19-85, Cl. 73-151.000.
- Jackson, Keith L.; and Reece, James J., to Lukens General Industries, Inc. Four-wheel passenger car truck. 4,538,525, 9-3-85, Cl. 105-190.00R.
- Jackson, Keith L.; Benner, Eugene L.; Polley, Richard B.; and Wickman, James J., to Lukens General Industries, Inc. Equipment mounting structure for inside bearing railway car trucks. 4,546,706, 10-15-85, Cl. 105-182.00E.
- Jackson, Kenneth P.: *See—*
  - Shaw, Herbert J.; Newton, Steven A.; Bowers, John E.; and Jackson, Kenneth P., 4,495,656, Cl. 455-608.000.
- Jackson, L. Robert; Davis, Randall C.; and Taylor, Allan H., to United States of America, National Aeronautics and Space Administration. Daze fasteners. 4,512,699, 4-23-85, Cl. 411-368.000.
- Jackson, L. Robert; and Taylor, Allan H., to United States of America, National Aeronautics and Space Administration. Aerospace vehicle. 4,557,444, 12-10-85, Cl. 244-172.000.
- Jackson Laboratory, The: *See—*
  - Coleman, Douglas L.; and Applezweig, Norman, 4,507,289, Cl. 514-170.000.
  - Coleman, Douglas L.; Applezweig, Norman; and Leiter, Edward H., 4,518,595, Cl. 514-178.000.
- Jackson, Lawrence D. A., to Linatex Canada Inc. Variable opening pinch sleeve valve. 4,511,116, 4-16-85, Cl. 251-5.000.
- Jackson, Leigh F.: *See—*
  - Pilgrim, Lawrence G., Jr.; and Jackson, Leigh F., 4,492,668, Cl. 376-440.000.
- Jackson, Mark F.: *See—*
  - Bonifanti, George; Jackson, Mark F.; Letsch, Karl H.; Longenecker, Bruce C.; Loomis, Phillip E.; Nguyen, Hung T.; Schuppert, Leo V., Jr.; Spong, Richard V.; and Paukovits, Edward J., Jr., 4,551,901, Cl. 29-564.600.
- Jackson, Maurus E. Butterfly carburetion system. 4,532,909, 8-6-85, Cl. 123-590.000.
- Jackson, Melvin R.: *See—*
  - Gigliotti, Michael F. X., Jr.; Yang, Swe-Wong; Jackson, Melvin R.; Bruch, Charles A.; and Nguyen-Dinh, Xuan, 4,522,664, Cl. 148-404.000.
  - Siemers, Paul A.; Kopp, Robert W.; and Jackson, Melvin R., 4,537,742, Cl. 419-8.000.
- Jackson, Michael A., to Envirotech Corporation. Flotation machine and aeration impeller. 4,551,285, 11-5-85, Cl. 261-87.000.
- Jackson, Norman L.: *See—*
  - Olson, Donald M.; Jackson, Norman L.; and Tong, Jerry E., 4,557,657, Cl. 414-180.000.
- Jackson, Philip, to E. Beaudrey & Cie. Cleaning device for industrial water intakes. 4,518,494, 5-21-85, Cl. 210-158.000.
- Jackson, Philip, to E. Beaudrey & Cie. Industrial water filter with stationary screen. 4,529,518, 7-16-85, Cl. 210-407.000.
- Jackson, Raymond G.: *See—*
  - Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., 4,539,552, Cl. 340-347.0DA.
- Jackson, Richard N.; and Tan, Sing L., to U.S. Philips Corporation. Television transmission system. 4,520,385, 5-28-85, Cl. 358-12.000.
- Jackson, Richard S., to Bourn & Koch Machine Tool Company. Cam operated machining unit. 4,507,030, 3-26-85, Cl. 409-185.000.
- Jackson, Robert C., to Bebco Experimental and Manufacturing Company. Chain saw sharpening device. 4,503,735, 3-12-85, Cl. 76-78.00R.
- Jackson, Robert C.; and Luchsinger, Patrick M., to Deere & Company. Method for molding elongated workpieces. 4,540,540, 9-10-85, Cl. 264-272.110.
- Jackson, Robert L.: *See—*
  - Hall, Dale R.; and Jackson, Robert L., 4,542,170, Cl. 523-179.000.
- Jackson, Robert M. Process and apparatus for the preparation of dental models. 4,508,506, 4-2-85, Cl. 433-74.000.

Jackson, Robert V., to McCulloch Corporation. Current-sheet inductor network and pulse-forming systems. 4,561,707, 12-31-85, Cl. 315-209.0CD.

Jackson, Rodney P., to H.E.M.E. International Limited. Measuring probes. 4,518,913, 5-21-85, Cl. 324-127.000.

Jackson, Ronald M., to Tektronix, Inc. Logic timing diagram display apparatus. 4,554,536, 11-19-85, Cl. 340-747.000.

Jackson, Ronald M.; Olin, Daniel C.; and Anderson, Russell Y., to Tektronix, Inc. Logic waveform display apparatus. 4,560,981, 12-24-85, Cl. 340-747.000.

Jackson, Roy J., to Shell Oil Company. Flame retardent epoxy resin composition. 4,559,395, 12-17-85, Cl. 528-102.000.

Jackson, Royce. Bucket elevator linkage for coarse coal washer. 4,539,104, 9-3-85, Cl. 209-172.500.

Jackson, Samuel G. Apparatus and method of throttling centrifugal pump liquid output. 4,502,834, 3-5-85, Cl. 415-26.000.

Jackson, Samuel G. Fan impeller with flexible blades. 4,547,126, 10-15-85, Cl. 416-132.00A.

Jackson, Theodore A., to Ex-Cell-O Corporation. Weapon charger. 4,531,444, 7-30-85, Cl. 89-1.400.

Jackson, Theodore A., to Ex-Cell-O Corporation. Adjustable height seat apparatus for combat vehicle. 4,553,726, 11-19-85, Cl. 248-297.100.

Jackson, Thomas N., to International Business Machines Corporation. Submicron conductor manufacturing. 4,532,532, 7-30-85, Cl. 357-15.000.

Jackson, Thomas N.; and Woodall, Jerry M., to International Business Machines Corporation. Ballistic conduction semiconductor device. 4,532,533, 7-30-85, Cl. 357-16.000.

Jackson, Thomas N., to International Business Machines Corporation. Submicron conductor manufacturing. 4,542,577, 9-24-85, Cl. 29-571.000.

Jackson, Thomas N.; Kirchner, Peter D.; Pettit, George D.; Rosenberg, James J.; Woodall, Jerry M.; and Wright, Steven L., to International Business Machines Corporation. Silicon source component for use in molecular beam epitaxial growth apparatus. 4,550,047, 10-29-85, Cl. 428-136.000.

Jackson, Thomas N.: *See—*
- Chappell, Terry I.; Jackson, Thomas N.; and Woodall, Jerry M., 4,525,731, Cl. 357-12.000.
- Freeouf, John L.; and Jackson, Thomas N., 4,518,846, Cl. 219-271.000.

Jackson, Thomas R. Electrolytic dental etching apparatus. 4,495,045, 1-22-85, Cl. 204-224.00R.

Jackson, Thomas R. Magnetic denture retention apparatus. 4,508,507, 4-2-85, Cl. 433-189.000.

Jackson, W. Shaun. Pannier with hook and spring mechanism. 4,516,705, 5-14-85, Cl. 224-32.00A.

Jackson, William R.: *See—*
- Swallow, Roger T.; Jackson, William R.; and Pierce, Jack D., 4,502,301, Cl. 66-178.00A.
- Swallow, Roger T.; Jackson, William R.; and Pierce, Jack D., 4,527,402, Cl. 66-55.000.

Jackson, Winston J., Jr.; and Darnell, William R., to Eastman Kodak Company. Process for foaming cellulose acetate rod. 4,507,256, 3-26-85, Cl. 264-54.000.

Jackson, Winston J., Jr.; Kuhfuss, Herbert F.; and Watkins, Joseph J., to Eastman Kodak Company. High molecular weight unsaturated polyesters of cyclohexanedimethanols. 4,539,390, 9-3-85, Cl. 528-303.000.

Jackson, Winston J., Jr.; and Watkins, Joseph J., to Eastman Kodak Company. Process for the production of high molecular weight polyester. 4,554,343, 11-19-85, Cl. 528-274.000.

Jackson, Winston J., Jr.; and Watkins, Joseph J., to Eastman Kodak Company. Process for preparation of polyesters with improved molecular weight from glycols containing a vicinal secondary hydroxyl group. 4,554,344, 11-19-85, Cl. 528-283.000.

Jackson, Winston J., Jr.: *See—*
- Fagerburg, David R.; and Jackson, Winston J., Jr., 4,503,216, Cl. 528-355.000.
- Morris, John C.; and Jackson, Winston J., Jr., 4,526,822, Cl. 428-35.000.
- Morris, John C.; and Jackson, Winston J., Jr., 4,551,520, Cl. 528-302.000.

Jacmorr Manufacturing Limited: *See—*
- Baxter, Alan R., 4,537,450, Cl. 308-3.800.

Jacob, Adir; and Choe, Daniel H., to LFE Corporation. Plasma reactive ion etching of aluminum and aluminum alloys. 4,505,782, 3-19-85, Cl. 156-643.000.

Jacob Berg KG: *See—*
- Krautkramer, Gunter, 4,533,062, Cl. 220-258.000.

Jacob, Eugene E.: *See—*
- Livingston, William D.; and Jacob, Eugene E., 4,536,877, Cl. 370-94.000.

Jacob, Ezekiel J. Xerographic toner composition for producing raised images. 4,540,644, 9-10-85, Cl. 430-110.000.

Jacob, Ezekiel J.: *See—*
- Pitz, Richard J.; and Jacob, Ezekiel J., 4,525,147, Cl. 433-224.000.

Jacob, Frederick W.: *See—*
- Cook, John E.; Hagerty, Robert O.; and Jacob, Frederick W., 4,547,555, Cl. 526-60.000.

Jacob, Gernot; and Maier, Robert, to Progress-Electrogerate Mauz & Pfeiffer GmbH & Co. Motor driven cylindrical brush for a cleaning apparatus. 4,530,128, 7-23-85, Cl. 15-182.000.

Jacob, Herbert; Rurlander, Robert; and Schnegg, Anton, to Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH. Process for the chemical vapor deposition of oxidic particles. 4,539,221, 9-3-85, Cl. 427-53.100.

Jacob, Joseph: *See—*
- Rudy, Michael A.; and Jacob, Joseph, 4,526,177, Cl. 128-737.000.

Jacob, Karl A. Apparatus for operating a high pressure boiler. 4,550,687, 11-5-85, Cl. 122-1.00C.

Jacob, Keith D.: *See—*
- Angott, Paul G.; and Jacob, Keith D., 4,538,973, Cl. 417-572.000.

Jacob, Philippe: *See—*
- Gourlia, Jean-Paul; Jacob, Philippe; and Jamen, Robert, 4,525,244, Cl. 203-26.000.

Jacob, Rudi: *See—*
- Pechau, Gerhard; Wyzgol, Ewald; and Jacob, Rudi, 4,494,427, Cl. 83-306.000.

Jacob, Solomon M.: *See—*
- Garwood, William E.; Kuo, James C.; Jacob, Solomon M.; and Wise, John J., 4,549,396, Cl. 60-39.020.

Jacob, Werner: *See—*
- Bender, Rolf; Jacob, Werner; and Pfuderer, Horst, 4,524,671, Cl. 89-14.050.

Jacobelli, Alain: *See—*
- Hartemann, Pierre; Meunier, Paul-Louis; and Jacobelli, Alain, 4,515,016, Cl. 73-517.00R.

Jacobi, Cecil T., Jr.; Maupin, Charles G.; Woodsmall, James B.; Brown, William J.; Thomas, Bruce E.; Owens, Walton D.; Cunningham, Robert J.; and Smith, Rocky D., to Amjo, Inc. Dryer and printed material and the like. 4,501,072, 2-26-85, Cl. 34-1.000.

Jacobi, Haireddin: *See—*
- Opitz, Wolfgang; Jacobi, Haireddin; and Pelster, Bernhard, 4,539,402, Cl. 544-247.000.

Jacobi, Nathan: *See—*
- Barmatz, Martin B.; Stoneburner, James D.; Jacobi, Nathan; and Wang, Taylor G., 4,523,682, Cl. 209-638.000.

Jacobi, Stephen F.; Haight, Robert E.; Schletzbaum, John W.; Martin, Yolanda E.; and Lang, Stephen P., to Deere & Company. Filter monitoring system. 4,500,874, 2-19-85, Cl. 340-607.000.

Jacobine, Anthony F.; and Lin, Samuel Q. S., to Loctite Corporation. Siloxane photoinitiators with aryoyl formate groups. 4,507,187, 3-26-85, Cl. 204-159.130.

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- Fabrizio, Louis F.; Lin, Samuel O. S.; and Jacobine, Anthony F., 4,536,265, Cl. 204-159.130.
- Lin, Samuel Q. S.; and Jacobine, Anthony F., 4,534,838, Cl. 204-159.130.

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Jacobs, Alan M.; Kenney, Edward S.; and McInerney, Joseph J., to Research Corporation. Multichannel radiography employing scattered radiation. 4,495,636, 1-22-85, Cl. 378-87.000.

Jacobs, Anthony S.; Riley, James E.; and Christman, Jon D., to Wessel Company, Inc., The. Combined airline ticket holder and advertising booklet. 4,492,390, 1-8-85, Cl. 281-31.000.

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- Kobuck, Richard M.; and Jacobs, Arthur F., 4,510,372, Cl. 219-125.110.
- Norris, George W.; Kobuck, Richard M.; Varley, William J.; Jacobs, Arthur F.; and Ferree, Herbert E., 4,502,347, Cl. 74-447.000.

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- Hampel, Hans-Joachim; Scondo, Ludwig; Stahl, Jurgen; Wegner, Wilhelm; and Bonne, Harry, 4,520,948, Cl. 222-103.000.

Jacobs, Brian E.: *See—*
- Ellis, Roland, Jr.; Jacobs, Brian E.; March, Edward J.; and Newman, Raymond J., 4,512,509, Cl. 228-180.200.

Jacobs, Clifford S., to Northwest Iron Fireman, Inc. Solid fuel burner. 4,528,917, 7-16-85, Cl. 110-300.000.

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- Schwabe, Ulrich; Jacobs, Erwin P.; and Neppl, Franz, 4,525,378, Cl. 427-38.000.

Jacobs, Franz. Fire flap arrangement. 4,531,544, 7-30-85, Cl. 137-614.110.

- Jacobs, Geoffrey P.: *See—*
  - El-On, Joseph; and Jacobs, Geoffrey P., 4,505,901, Cl. 514-38.000.
- Jacobs, George S.; and Anderson, R. David. Pilot valve for an oil and gas separator. 4,512,365, 4-23-85, Cl. 137-413.000.
- Jacobs, Harold; Dixon, Samuel, Jr.; and Malecki, Edmund E., to United States of America, Army. Single device for measurement of infrared or millimeter wave radiation. 4,509,009, 4-2-85, Cl. 324-95.000.
- Jacobs, Harold; and Dixon, Samuel, Jr., to United States of America, Army. Three diode balanced mixer. 4,554,680, 11-19-85, Cl. 455-326.000.
- Jacobs, Israel S.: *See—*
  - Becker, Joseph J.; Luborsky, Fred E.; Jacobs, Israel S.; and McCary, Richard O., 4,528,481, Cl. 315-248.000.
- Jacobs, John H., to Transamerica DeLaval Inc. Illumination and light gate utilization methods and apparatus. 4,505,551, 3-19-85, Cl. 350-384.000.
- Jacobs, John J.: *See—*
  - Kuhn, Gerhard; and Jacobs, John J., 4,492,127, Cl. 74-50.000.
- Jacobs, John W.: *See—*
  - Bookout, Russell J.; Pearson, Bernard A.; and Jacobs, John W., 4,536,137, Cl. 417-390.000.
  - Snellman, Donald L.; Pearson, Bernard A.; and Jacobs, John W., 4,548,395, Cl. 271-11.000.
- Jacobs Manufacturing Company, The: *See—*
  - Quenneville, Raymond N., 4,510,900, Cl. 123-321.000.
  - Richey, Clyde D., 4,545,628, Cl. 312-235.00A.
- Jacobs, Marcellus L.; and Jacobs, Paul R., to Jacobs Wind Electric Company. Dual fold tail vane assembly for wind energy systems. 4,518,312, 5-21-85, Cl. 416-13.000.
- Jacobs, Marcellus L.; and Jacobs, Paul R., to Jacobs Wind Electric Company. Wind electric generation plant and system with improved alternator field excitation. 4,535,252, 8-13-85, Cl. 290-44.000.
- Jacobs, Martin J., to International Minerals & Chemical Corp. Phosphoric acid extraction process. 4,543,239, 9-24-85, Cl. 423-321.00S.
- Jacobs, Merrit N., to Eastman Kodak Company. Apparatus for transferring liquid out of a capped container, and analyzer utilizing same. 4,539,855, 9-10-85, Cl. 73-864.250.
- Jacobs, Paul H.; and Collette, Douglas P., to Aerotron, Inc. Compressed single side band communications system and method. 4,539,707, 9-3-85, Cl. 455-47.000.
- Jacobs, Paul R.: *See—*
  - Jacobs, Marcellus L.; and Jacobs, Paul R., 4,518,312, Cl. 416-13.000.
  - Jacobs, Marcellus L.; and Jacobs, Paul R., 4,535,252, Cl. 290-44.000.
- Jacobs, Peter: *See—*
  - Reissenweber, Gernot; Kersten, Siegfried; Ditter, Walter; and Jacobs, Peter, 4,537,986, Cl. 560-132.000.
- Jacobs, Pierre: *See—*
  - Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, 4,514,520, Cl. 502-337.000.
  - Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, 4,515,905, Cl. 502-309.000.
- Jacobs, Robert M.: *See—*
  - Fletcher, Gerald M.; Jacobs, Robert M.; and Pietrowski, Kenneth W., 4,533,230, Cl. 355-3.0CH.
- Jacobs, Stanley A. Container and lid. 4,538,741, 9-3-85, Cl. 215-320.000.
- Jacobs, Stephan J., to Power-Train, Inc. Through-shaft energy converter transmission. 4,505,185, 3-19-85, Cl. 91-491.000.
- Jacobs Wind Electric Company: *See—*
  - Jacobs, Marcellus L.; and Jacobs, Paul R., 4,518,312, Cl. 416-13.000.
  - Jacobs, Marcellus L.; and Jacobs, Paul R., 4,535,252, Cl. 290-44.000.
- Jacobsen, Dennis D.: *See—*
  - Jacobsen, Douglas C.; and Jacobsen, Dennis D., 4,561,782, Cl. 366-349.000.
- Jacobsen, Douglas C.; and Jacobsen, Dennis D. Tamping and stirring rod for use with a food and beverage blender. 4,561,782, 12-31-85, Cl. 366-349.000.
- Jacobsen, Edwin: *See—*
  - DeAngelis, Barbara; Jacobsen, Howard; and Jacobsen, Edwin, 4,510,888, Cl. 119-143.000.
- Jacobsen, Finn, to Kamyr Aktiebolag. Method for treatment of suspensions in movement. 4,535,497, 8-20-85, Cl. 8-156.000.
- Jacobsen, Finn; Molbaek, Jens J.; Zangenberg, Jan; and Dam, Poul S., to Danfoss A/S. Thermal servo-motor, particularly for valves. 4,535,590, 8-20-85, Cl. 60-531.000.
- Jacobsen, Howard: *See—*
  - DeAngelis, Barbara; Jacobsen, Howard; and Jacobsen, Edwin, 4,510,888, Cl. 119-143.000.
- Jacobsen, Jan, to Meier, Walter. Optical arrangement for producing two anamorphotically compressed images correlated by an interocular base distance. 4,509,832, 4-9-85, Cl. 350-420.000.
- Jacobsen, Jan: *See—*
  - Meier, Walter; and Jacobsen, Jan, 4,555,168, Cl. 353-7.000.
- Jacobsen, Orval E. Heat exchanger with by-pass. 4,498,524, 2-12-85, Cl. 165-36.000.
- Jacobsen, Ralph O., to Kyle Welding & Machine Shop Ltd. Field marker for a sprayer boom. 4,526,236, 7-2-85, Cl. 172-126.000.
- Jacobsen, Stephen C.; Knutti, David F.; and Johnson, R. Todd, to University of Utah. Electrically driven artificial arm. 4,521,924, 6-11-85, Cl. 3-1.100.
- Jacobsen, Stephen C.: *See—*
  - Stephen, Robert L.; Kablitz, Carl; Hanover, Barry K.; Jacobsen, Stephen C.; and Harrow, Jeffrey J., 4,559,033, Cl. 604-49.000.
- Jacobson, Albin K.; Rychnovsky, Raymond E.; and Visbeck, Cornelius N., to United States of America, Energy. Explosively separable casing. 4,499,829, 2-19-85, Cl. 102-378.000.
- Jacobson, Allan J.: *See—*
  - Beyerlein, Robert A.; Poeppelmeier, Kenneth R.; and Jacobson, Allan J., 4,503,166, Cl. 502-303.000.
  - Johnson, Jack W.; and Jacobson, Allan J., 4,518,534, Cl. 260-429.00R.
- Jacobson, Bernard; and Raymond, Laurie, to Boston Biomedical Research Institute. Cell proliferation inhibitor and method of preparation. 4,534,967, 8-13-85, Cl. 424-95.000.
- Jacobson, Chester F., to Gillette Company, The. Razor blade assembly. 4,492,024, 1-8-85, Cl. 30-87.000.
- Jacobson, Chester F., to Gillette Company, The. Razor handle assembly. 4,492,025, 1-8-85, Cl. 30-87.000.
- Jacobson, Chester F., to Gillette Company, The. Razor blade assembly. 4,498,235, 2-12-85, Cl. 30-47.000.
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- Jacobson, Clayton J. Super ventilator jet ski engine hood (boat). 4,509,926, 4-9-85, Cl. 440-89.000.
- Jacobson, Clayton J. Interface for water cooled engine manifolds. 4,512,148, 4-23-85, Cl. 60-321.000.
- Jacobson, Dale C.: *See—*
  - Gibson, John M.; Jacobson, Dale C.; Poate, John M.; and Tung, Raymond T., 4,555,301, Cl. 156-617.00R.
- Jacobson, David N., to Monarch Marking Systems, Inc. Composite label web and method of labeling. 4,521,267, 6-4-85, Cl. 156-249.000.
- Jacobson, Delbert G. Cutting tool. 4,529,02[illegible], 7-16-85, Cl. 82-1.500.
- Jacobson, Earl B. Modular reactor head shielding system. 4,530,813, 7-23-85, Cl. 376-287.000.
- Jacobson, Earl B. Radiation attenuation modules and system and method of making the modules. 4,533,832, 8-6-85, Cl. 250-519.100.
- Jacobson, Edwin B., to Adac Plastics, Inc. Pilot-operated ball cock valve. 4,529,002, 7-16-85, Cl. 137-414.000.
- Jacobson, Felix I.: *See—*
  - Agapiou, Agapios; Allan, John L. H.; and Jacobson, Felix I., 4,555,496, Cl. 502-105.000.
- Jacobson, Hubert B. Fishing rod handle with reel seat. 4,494,333, 1-22-85, Cl. 43-22.000.
- Jacobson, James; and McCormick, Thomas E. Elongated football. 4,531,737, 7-30-85, Cl. 273-65.00R.
- Jacobson, James W.; Glick, J. Leslie; and Madello, Kenneth L., to Genex Corporation. Composition for cleaning drains clogged with deposits containing hair. 4,540,506, 9-10-85, Cl. 252-174.120.
- Jacobson, Jeff A. Apparatus and method for retaining pleats in hanging draperies. 4,493,358, 1-15-85, Cl. 160-349.00R.
- Jacobson, Mark K.; and Belttari, Stanley C., to Boremaster Precision Tool & Mfg. Boring bar. 4,500,232, 2-19-85, Cl. 408-153.000.
- Jacobson, Peter E.: *See—*
  - Allen, Terry S.; Smith, Dennis W.; and Jacobson, Peter E., 4,541,739, Cl. 384-470.000.
- Jacobson, Robert E. Method and instruments for performing a percutaneous lumbar diskectomy. 4,545,374, 10-8-85, Cl. 128-303.00R.
- Jacobson, Robert G., to Zehntel, Inc. In-circuit digital tester for testing microprocessor boards. 4,500,993, 2-19-85, Cl. 371-16.000.
- Jacobson, Roger K.; and Munson, Ronald W., to Bemis Company, Inc. Bag with tab and method of forming. 4,515,273, 5-7-85, Cl. 206-604.000.
- Jacobson, Stephen E.; and Chueh, Chun F., to Halcon SD Group, Inc., The. Process for the production of ethylene glycol through the hydroformylation of glycol aldehyde. 4,496,781, 1-29-85, Cl. 568-862.000.
- Jacobson, Stephen E., to Halcon SD Group, Inc., The. Process and catalyst useful in the production of glycol aldehyde. 4,560,806, 12-24-85, Cl. 568-462.000.
- Jacobson, Vivian R. Swimming instruction device. 4,518,364, 5-21-85, Cl. 441-129.000.
- Jacobson, Walter E.; and Cibelli, Anthony H., to Revere Corporation of America. Load cell apparatus. 4,506,557, 3-26-85, Cl. 73-862.650.
- Jacobson, Walter E., to Revere Corporation of America. Strain measuring apparatus and method of making same. 4,530,245, 7-23-85, Cl. 73-768.000.
- Jacobson, Wayne M.; and Quaintance, Roger L., to Cyclonaire Corporation. Vehicular mobile high capacity pneumatic conveyor. 4,552,489, 11-12-85, Cl. 406-39.000.
- Jacobson, William W. Golf club head. 4,529,202, 7-16-85, Cl. 273-168.000.
- Jacobsson, Bjorn: *See—*
  - Palmaer, Tore; Palmaer, Leif; and Jacobsson, Bjorn, 4,556,121, Cl. 181-129.000.
- Jacobsson, Kenth, to Tetra Pak Developpement S.A. Opening arrangement for packing containers with pressurized contents. 4,522,305, 6-11-85, Cl. 206-632.000.
- Jacobsson, Kurt A. G., to Aktiebolaget IRO. Method for feeding yarns of different colors to a knitting machine and knitting machine for carrying out that method. 4,531,385, 7-30-85, Cl. 66-132.00T.
- Jacobsson, Rolf A.: *See—*
  - Adman, Nils G.; and Jacobsson, Rolf A., 4,522,269, Cl. 173-12.000.
- Jacobsson, Sten A. L.: *See—*
  - Rothman, Ulf S. E.; and Jacobsson, Sten A. L., 4,537,767, Cl. 424-78.000.
- Jacobstein, Benjamin, to Scientific Technology, Ltd. Contact lens handling device. 4,512,601, 4-23-85, Cl. 294-1.200.
- Jacoby, Charles E., to SI Handling Systems, Inc. Shelf-type driverless vehicle. 4,506,607, 3-26-85, Cl. 108-60.000.

- Jacoby, Charles E., to SI Handling Systems, Inc. Track for driverless vehicles. 4,515,084, 5-7-85, Cl. 104-166.000.
- Jacoby, George V.; and Cohn, Martin, to Sperry Corporation. Ternary data encoding system. 4,506,252, 3-19-85, Cl. 340-347.0DD.
- Jacoby, George V.; and Schwartz, Allan A., to Sperry Corporation. Read signal detection in ternary 3PM magnetic recording. 4,544,963, 10-1-85, Cl. 360-40.000.
- Jacoby, George V.: *See—*
  - Cohn, Martin; Jacoby, George V.; and Vinding, Jorgen P., 4,551,773, Cl. 360-40.000.
- Jacoby, Hans-Dieter; and Schmidt, Peter, to Ernst Leitz Wetzlar GmbH. Device for automatically transporting disk shaped objects. 4,501,527, 2-26-85, Cl. 414-225.000.
- Jacoby, John E.: *See—*
  - Bowman, Kenneth A.; Jacoby, John E.; and Finn, Kellen M., 4,556,535, Cl. 420-580.000.
- Jacotra A. G.: *See—*
  - van Rijswijk, Jacob, 4,499,144, Cl. 428-376.000.
- Jacovitz, Bernard. Tool driver and fastener apparatus. 4,539,874, 9-10-85, Cl. 81-454.000.
- Jacquart, Christian A.: *See—*
  - Ballatore, Daniel; Bonnet, Yves A.; Ferry, Michel F.; and Jacquart, Christian A., 4,538,032, Cl. 179-170.00D.
- Jacquel, Dominique, to Somfy. Apparatus for controlling electrical receivers occupying at least two states. 4,499,463, 2-12-85, Cl. 340-825.520.
- Jacquemet, Bernard; and Ravet, Jean-Paul, to Merlin Gerin. High voltage metal-clad circuit breaker. 4,546,223, 10-8-85, Cl. 200-148.00R.
- Jacquemet, Georges, to MARTELEC Societe Civile Particuliere. Method of and apparatus for the autosynchronization of an electromagnetic hammer. 4,553,074, 11-12-85, Cl. 318-130.000.
- Jacquemin, Claude; Provost, Florent; and Seinera, Andre, to Ugine Aciers. Grill element of cast metal for solid-fluid heat exchange at very high temperature comprising a latching device which is integrated in the grill structure. 4,515,560, 5-7-85, Cl. 432-80.000.
- Jacquemin, Marie-Noelle: *See—*
  - Henrard, Jose ; Jacquemin, Marie-Noelle; and Leduc, Michel, 4,503,299, Cl. 200-61.520.
- Jacques, Alain: *See—*
  - Demangeon, Yvon; and Jacques, Alain, 4,556,509, Cl. 252-542.000.
- Jacques, Roland; Reppelin, Michel; and Seigneurin, Laurent, to Rhone-Poulenc Specialites Chimiques. Fluorinated silica catalyst and preparation of aromatic/aliphatic nitriles in the presence thereof. 4,504,595, 3-12-85, Cl. 502-224.000.
- Jacques, Roland; and Dupin, Thierry, to Rhone-Poulenc Specialites Chimiques. Preparation of spheroidal alumina particulates. 4,514,511, 4-30-85, Cl. 502-8.000.
- Jacquet, Bernard; Lang, Gerard; Malaval, Alain; Forestier, Serge; and Le Trung, Do, to L'Oreal. Hair treatment compositions based on polycationic polymers. 4,517,174, 5-14-85, Cl. 424-62.000.
- Jacquet, Bernard; Lang, Gerard; and Malaval, Alain, to L'Oreal. Anti-sunburn compositions containing 2-phenyl-indole derivatives. 4,522,808, 6-11-85, Cl. 424-59.000.
- Jacquet, Bernard; Papantoniou, Christos; and Gaetani, Quintino, to L'Oreal. Nail enamel containing polytetrahydrofuran as a resin. 4,545,981, 10-8-85, Cl. 424-61.000.
- Jacquet, Bernard: *See—*
  - Kalopissis, Gregoire; Gallien, Jacqueline; Jacquet, Bernard; Bauer, Daniel; and Chalaye, Jean Phillipe, 4,545,978, Cl. 424-10.000.
- Jacquet, Joel: *See—*
  - Lamy, Jean-Michel; and Jacquet, Joel, 4,532,824, Cl. 74-475.000.
- Jacquet, Maurice; and Le Du, Jean-Claude, to Valeo. Flap for air flow control in vehicle heating and cooling systems. 4,492,361, 1-8-85, Cl. 251-356.000.
- Jacquet, Maurice, to Valeo. Means for holding a flap which is rotatably mounted in a conduit, and housing containing said means, for a vehicle air conditioning installation. 4,498,528, 2-12-85, Cl. 165-42.000.
- Jacquett, Harold W.: *See—*
  - Davidescu, Reghina; de Ceglie, Gaetano J.; Jacquett, Harold W.; and Paluzzi, Joseph A., 4,551,345, Cl. 426-594.000.
  - Jasovsky, George A.; Jacquett, Harold W.; and de Ceglie, Gaetano J., 4,551,344, Cl. 426-594.000.
- Jacquin, H. George: *See—*
  - Douglass, Randle; Jacquin, H. George; Chewey, Paul M.; Galvan, Paul A.; and Naragon, Richard S., 4,550,888, Cl. 244-3.220.
- Jacquin, Yves: *See—*
  - Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, 4,510,042, Cl. 208-59.000.
  - Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, 4,511,458, Cl. 208-59.000.
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  - Toulhoat, Herve; Plumail, Jean-Claude; Mercier, Marc; and Jacquin, Yves, 4,537,875, Cl. 502-314.000.
  - Toulhoat, Herve; Jacquin, Yves; and Dupin, Thierry, 4,552,650, Cl. 208-216.0PP.
- Jacquinot, Bernard: *See—*
  - Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,505,879, Cl. 422-197.000.
  - Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,518,811, Cl. 568-943.000.
- Jacrot, Michel, to U.S. Philips Corporation. Electric incandescent lamp for a motor-car. 4,529,908, 7-16-85, Cl. 313-579.000.
- Jacubert, Serge: *See—*
  - Grosbois, Jean; Jacubert, Serge; and Verdier, Jean-Michel, 4,499,063, Cl. 423-347.000.
- Jacuzzi Inc.: *See—*
  - Wilkes, Robert D., 4,539,498, Cl. 310-87.000.
- Jadwin, Thomas A.; and Rimai, Donald S., to Eastman Kodak Company. Electrostatic dry toner composition. 4,517,272, 5-14-85, Cl. 430-110.000.
- Jadwin, Thomas A.: *See—*
  - Miskinis, Edward T.; and Jadwin, Thomas A., 4,546,060, Cl. 430-108.000.
  - Wilson, John C.; DeMejo, Lawrence P.; Jadwin, Thomas A.; and Merrill, Stewart H., 4,496,643, Cl. 430-110.000.
- Jaeckel, Heinz: *See—*
  - Beha, Johannes G.; Jaeckel, Heinz; and Vettiger, Peter, 4,525,730, Cl. 357-5.000.
- Jaecker, John A.: *See—*
  - Breder, E. William, Jr.; Jaecker, John A.; and Johnson, Marvin F. L., 4,544,786, Cl. 585-500.000.
  - Yoo, Jin S.; and Jaecker, John A., 4,495,304, Cl. 502-66.000.
  - Yoo, Jin S.; and Jaecker, John A., 4,495,305, Cl. 502-65.000.
- Jaedicke, Hagen; and Tonne, Peter, to BASF Aktiengesellschaft. Preparation of o,o'-dithiodibenzoic acids. 4,493,802, 1-15-85, Cl. 260-507.00R.
- JAEGER: *See—*
  - Bezard, Jean-Jacques; Jourdain, Charles H.; and Lalanne, Bruno, 4,558,456, Cl. 377-25.000.
- Jaeger, Ben E. Force gauge. 4,546,657, 10-15-85, Cl. 73-862.580.
- Jaeger, Charles W.; Titterington, Donald R.; and Hue, Le P., to Tektronix, Inc. Hydrophobic substrate with coating receptive to inks. 4,503,111, 3-5-85, Cl. 428-195.000.
- Jaeger, Erhard: *See—*
  - Achinger, Michael; Jaeger, Erhard; Lipp, Reinhold; and Streitenberger, Walter, 4,537,238, Cl. 164-169.000.
- Jaeger, John C. Surgical instrument for gynecological procedures. 4,559,944, 12-24-85, Cl. 128-344.000.
- Jaeger, Knut, to Ess GmbH Skibindungen. Ski binding. 4,522,422, 6-11-85, Cl. 280-617.000.
- Jaeger, Kurt S.: *See—*
  - Martin, Richard R.; and Jaeger, Kurt S., 4,505,666, Cl. 431-175.000.
- Jaeger, Morris: *See—*
  - Allazzetta, Felice; and Prola, Luigi, 4,503,664, Cl. 59-16.000.
- Jaeger, Thomas S., to Honeywell Inc. Control valve apparatus. 4,505,300, 3-19-85, Cl. 137-614.140.
- Jaeger, Vincent: *See—*
  - Nath, Gunther; Kreitmair, Albert; and Jaeger, Vincent, 4,539,987, Cl. 128-303.100.
- Jaegers, Heinz: *See—*
  - Pav, Josef; and Jaegers, Heinz, 4,497,246, Cl. 100-35.000.
- Jaegers, Leopold. Transporter for heavy loads. 4,522,297, 6-11-85, Cl. 198-774.000.
- Jaeneke, Christian: *See—*
  - Romer, Rudolf; Jaeneke, Christian; Bethmann, Karl W.; and Moll, Manfred, 4,555,971, Cl. 89-1.110.
- Jaenson, Howard W., to Jenglo Engineering, Inc. Welded wire fabric bending apparatus and method. 4,515,004, 5-7-85, Cl. 72-388.000.
- Jaffe, Edward E., to Ciba-Geigy Corporation. Preparation of pigmentary grade pigment from crude pigment. 4,541,872, 9-17-85, Cl. 106-309.000.
- Jaffe, Edward E., to Ciba-Geigy Corporation. Manufacture of resin extended pigments. 4,548,968, 10-22-85, Cl. 524-88.000.
- Jaffe, Myron I., to Sintered Metals, Inc. Token and acceptance mechanism. 4,509,632, 4-9-85, Cl. 194-4.00D.
- Jaffe, Walter. Device for the marking of electrical wires and cables, pipes. 4,539,767, 9-10-85, Cl. 40-316.000.
- Jaffe, Wolfgang: *See—*
  - Herr, John A.; and Jaffe, Wolfgang, 4,495,430, Cl. 310-198.000.
- Jagannathan, Anand: *See—*
  - Berenbaum, Alan D.; Jagannathan, Anand; Molinelli, John J.; and Pekarich, Steven P., 4,562,538, Cl. 364-200.000.
- Jagdmann, Gunnar E., Jr.: *See—*
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- Jagel, Peter H.: *See—*
  - Urbutis, Algimantas P.; and Jagel, Peter H., 4,493,130, Cl. 17-49.000.
- Jageler, Alfred H., to Standard Oil Company (Indiana). Method and apparatus for obtaining selected samples of formation fluids. 4,535,843, 8-20-85, Cl. 166-250.000.
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  - Buchholz, Rainer; Tomashauser, Josef; Zodrow, Rudolf; and Mohn, Hans-Werner, 4,536,247, Cl. 156-477.100.
  - Dropczynski, Hartmut; and Trilling, Peter, 4,552,316, Cl. 242-56.00R.
  - Hennig, Franz, 4,512,379, Cl. 141-286.000.
  - Meurer, Wolfgang, 4,507,994, Cl. 83-58.000.
  - Schonmeier, Herbert, 4,550,887, Cl. 242-56.300.
  - Sommer, Herbert; and Wohlfeil, Gerhard, 4,553,498, Cl. 118-126.000.
  - Sommer, Herbert; and Wohlfeil, Gerhard, 4,558,658, Cl. 118-411.000.
  - Wood, David, 4,494,901, Cl. 414-28.000.
  - Zodrow, Rudolf; and Buchholz, Rainer, 4,501,633, Cl. 156-242.000.

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- Hofmann, Karl; and Jager, Erich, 4,548,356, Cl. 239-126.000.

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- Jautelat, Manfred; Arlt, Dieter; and Jager, Gerhard, 4,495,370, Cl. 568-322.000.
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- Rake, Heinrich; Herchenbach, Horst; Jager, Gernot; and Franck, Gerhard, 4,498,930, Cl. 106-100.000.

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- Rickus, Edmund; and Jager, Karlheinz, 4,495,375, Cl. 136-255.000.

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- Doebler, Klaus P.; Graf, Knut; Jager, Kurt E.; Johannsen, Friedrich; Ritz, Jurgen; and Saatweber, Dietrich, 4,543,375, Cl. 523-348.000.

Jager, Lothar; Peter, Anton; and Winkler, Reinhard, to U.S. Philips Corporation. Tape grounding element in a magnetic-tape cassette. 4,509,087, 4-2-85, Cl. 360-130.210.

Jager, Theo; and Schmid, Helmut. Device for cutting sheet metal and the like. 4,510,831, 4-16-85, Cl. 83-157.000.

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- Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, 4,528,932, Cl. 116-204.000.

Jagielski, David: *See—*
- Frias, Ronald J.; Jagielski, David; and Schetter, Nicholas R., 4,494,859, Cl. 355-5.000.

Jagisch, Frank C.: *See—*
- Agarwal, Pawan K.; Lundberg, Robert D.; Wagensomer, Joseph; and Jagisch, Frank C., 4,517,250, Cl. 428-483.000.

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Jagst, Peter, to Trutzschler GmbH & Co. KG. Sliver coiler. 4,545,093, 10-8-85, Cl. 19-159.00R.

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- Woods, John H.; Graves, Toby R.; Nasser, William E.; and Jagtap, Ashvinkumar N., 4,500,359, Cl. 106-270.000.

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Jahabow Industries, Inc.: *See—*
- Aspenwali, John E., 4,535,393, Cl. 362-217.000.

Jahel, Alfred. Collapsible display hanger for perforated display panels. 4,516,681, 5-14-85, Cl. 211-59.100.

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Jahme, Hans-Joachim; and Bracke, Harry. Plate changing apparatus for offset printing machines. 4,507,167, 3-26-85, Cl. 156-345.000.

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- Schmidt, Werner; and Jahn, Franz, 4,509,673, Cl. 228-212.000.

Jahn, Hans-Georg, to Heidelberger Druckmaschinen AG. Smear-free transfer cylinder for sheet-fed rotary printing machines. 4,552,069, 11-12-85, Cl. 101-420.000.

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- Durrnagel, Klaus; Jeschke, Willi; and Jahn, Hans-Georg, 4,534,289, Cl. 101-348.000.

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Jahn, Martin D.: *See—*
- Skrabis, Thomas S.; and Jahn, Martin D., 4,538,391, Cl. 52-478.000.

Jahn, Paul F., to Advanced Ceramic Systems, Inc. Boron nitride paint for ceramic hot pressing. 4,518,736, 5-21-85, Cl. 524-404.000.

Jahn, Randy K.; and Liepins, Raimond, to United States of America, Energy. Di-p-xylylene polymer and method for making the same. 4,500,562, 2-19-85, Cl. 427-27.000.

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- Molnar, Istvan; Thiele, Kurt; Geissmann, Felix; and Jahn, Ulrich, 4,526,898, Cl. 514-392.000.

Jahnel, Werner F. F., to Bekum Plastics Machinery Inc. Label transferring device for blow molding machines. 4,501,548, 2-26-85, Cl. 425-503.000.

Jahnke, Frederick C.; Crouch, William B.; and Gulko, George M., to Texaco Inc. Synthesis gas generation process with control of ratio of steam to dry gas. 4,502,869, 3-5-85, Cl. 48-197.00R.

Jahnke, Frederick C.; and Crouch, William B., to Texaco Development Corporation. Production of synthesis gas. 4,533,363, 8-6-85, Cl. 48-197.00R.

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Jahns, Hans O.: *See—*
- Finucane, Raymond G.; and Jahns, Hans O., 4,523,879, Cl. 405-217.000.

Jahr, Lennart; and Wickstrom, Sven, to Osa AB. Device for rotator and grapple unit suspended at a boom end. 4,546,805, 10-15-85, Cl. 144-34.00R.

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Jahrig, Siegfried; and Opitz, Wolfgang, to Siemens Aktiengesellschaft. Vacuum switch with an insulating strut. 4,540,862, 9-10-85, Cl. 200-144.00B.

Jaicks, John R. Animal proof storage container apparatus. 4,558,796, 12-17-85, Cl. 220-1.00T.

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- Desjobert, Gilles; and Jaillet, Andre, 4,499,707, Cl. 53-429.000.

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- Peisker, Glenn; Christiansen, Keith; and Jaime, Gil, 4,501,431, Cl. 277-134.000.

Jain, Anil K.: *See—*
- Durand, William W.; Jain, Anil K.; and Peterson, Ronald E., 4,553,816, Cl. 350-166.000.

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- Hayes, Lawrence P., deceased; Hayes, Ellen J., administratrix; Jain, Kantilal; and Kerth, Randall T., 4,521,087, Cl. 350-574.000.

- Jain, Nemichand B.; and Patel, Mahendra R., to E. R. Squibb & Sons, Inc. Controlled release formulation and method. 4,505,890, 3-19-85, Cl. 424-21.000.
- Jain, Pramod K.: *See—*
  - Pierce, Stanley L.; Brown, Larry T.; and Jain, Pramod K., 4,527,678, Cl. 192-3.580.
- Jain, Ravinder K.; and Giuliano, Concetto R., to Hughes Aircraft Company. Synchronously-pumped phase-conjugate laser. 4,493,086, 1-8-85, Cl. 372-21.000.
- Jakahi, Douglas Y. Fixed position concentrating solar collector. 4,546,757, 10-15-85, Cl. 126-438.000.
- Jaki, Ivan, to Telefonaktiebolaget LM Ericsson. Direct current magnetized hybrid transformer. 4,539,443, 9-3-85, Cl. 179-170.00D.
- Jaki, Laszlo : *See—*
  - Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, 4,528,932, Cl. 116-204.000.
- Jaklic, Fred, to Grayhill, Inc. Detenting and contact registration system for a linear dip switch. 4,491,703, 1-1-85, Cl. 200-16.00D.
- Jako, Geza J. Laser surgery. 4,503,854, 3-12-85, Cl. 128-303.100.
- Jakob, Gert: *See—*
  - Gansert, Willi; Hussmann, Dieter; and Jakob, Gert, 4,531,796, Cl. 339-60.00M.
- Jakob, Werner: *See—*
  - Boog, Manfred; and Jakob, Werner, 4,530,378, Cl. 138-109.000.
- Jakobs, Rudolf: *See—*
  - Albrecht, Johannes; Jakobs, Rudolf; Turna, Osman; Vierrath, Helmut; Weil, Manfred; and Zapke, Klaus, 4,536,193, Cl. 48-77.000.
- Jakobsen, Kjell M.; Nilsson, Claes T.; and Larsson, Lars G., to PLM Aktiebolag. Apparatus for moulding an article from plastic material. 4,493,633, 1-15-85, Cl. 425-525.000.
- Jakobsen, Kjell M.; and Nilsson, Claes T., to PLM Aktiebolag. Apparatus for the manufacture of a cup-like article from polyethylene terephthalate or similar material. 4,511,322, 4-16-85, Cl. 425-384.000.
- Jakobsen, Kjell M.; and Nilsson, Claes T., to PLM Aktiebolag. Apparatus for the manufacture of a blank for a container. 4,518,340, 5-21-85, Cl. 425-393.000.
- Jakobsen, Kjell M.; and Nilsson, Claes T., to PLM Aktiebolag. Process for the manufacture of a blank for a container. 4,530,811, 7-23-85, Cl. 264-521.000.
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- Jakobsen, Kjell M.: *See—*
  - Nilsson, Torsten; and Jakobsen, Kjell M., 4,512,735, Cl. 425-526.000.
- Jakobson, Sten; and Rabold, Karl, to Alfa-Laval AB. Milking method and an apparatus therefor. 4,508,058, 4-2-85, Cl. 119-14.020.
- Jakovlev, Vladimir: *See—*
  - Oepen, Gerhard; Engel, Jurgen; Jakovlev, Vladimir; and Thiemer, Klaus, 4,547,505, Cl. 514-255.000.
- Jakubowicz, Raymond F., to Eastman Kodak Company. Motorized pipette. 4,519,258, 5-28-85, Cl. 73-864.160.
- Jakubowski, Heinz: *See—*
  - Biber, Klaus; Grunvogel, Karl; Lemcke, Ulrich; Jakubowski, Heinz; and Schulz, Kurt, 4,523,732, Cl. 248-123.100.
- Jakubowski, James J., to Dow Chemical Company, The. Thixotropic mixtures of liquid polyesters and polymer-treated fillers. 4,507,409, 3-26-85, Cl. 523-205.000.
- Jakubowski, James J.: *See—*
  - Meyer, Wilfred C.; and Jakubowski, James J., 4,523,991, Cl. 209-166.000.
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- Jakubson, Joel E.: *See—*
  - Austin, Stewart S.; Baldini, Joseph J., III; Jakubson, Joel E.; and Ryan, Clarke S., 4,507,783, Cl. 371-49.000.
- Jakusch, Helmut: *See—*
  - Kohl, Albert; Schneider, Norbert; Ley, Gregor; Balz, Werner; Melzer, Milena; and Jakusch, Helmut, 4,507,457, Cl. 427-48.000.
  - Ohlinger, Manfred; Vaeth, Guenter; Rudolf, Peter; Sarnecki, Wilhelm; Jakusch, Helmut; Koester, Eberhard; and Melzer, Milena, 4,497,723, Cl. 252-62.560.
  - Steck, Werner; Kovacs, Jenoe; Mueller, Norbert; and Jakusch, Helmut, 4,495,246, Cl. 428-403.000.
- Jalava, Jouko S.: *See—*
  - Kuisma, Heikki T.; Lehto, Ari; and Jalava, Jouko S., 4,500,940, Cl. 361-286.000.
- Jalbert, Robert A.; Galcenski, Anthony P., Jr.; and Urmson, Charles C., to Rogers Foam Corporation. Shoe inner sole. 4,513,518, 4-30-85, Cl. 36-44.000.
- Jalbert, Ronald L.: *See—*
  - Falk, John C.; Jalbert, Ronald L.; and Khait, Klementina F., 4,491,649, Cl. 525-92.000.
- Jalfre, Maurice F.: *See—*
  - Lacour, Alain P.; Langlois, Michel; Jalfre, Maurice F.; and Bucher, Bernard P., 4,528,380, Cl. 548-250.000.
- Jalger Limited: *See—*
  - Hojnoski, David E., 4,558,639, Cl. 99-277.100.
- Jalics, George, to Goodyear Tire & Rubber Company, The. Poly-diisopropenyl benzene synthesis. 4,499,248, 2-12-85, Cl. 526-173.000.
- Jalil, Asjed A., to Morgan Construction Company. Method and apparatus for cooling and handling hot rolled steel rod in direct sequence with a high speed rolling operation. 4,527,408, 7-9-85, Cl. 72-201.000.
- Jalil, Asjed A.; Winslow, Earl S., Jr.; and Gage, Charles H., to Morgan Construction Company. Apparatus for combined hot rolling and treating steel rod. 4,546,957, 10-15-85, Cl. 266-106.000.
- Jallen, Gale A., to Control Data Corporation. Bubble memory bias field structure. 4,530,072, 7-16-85, Cl. 365-27.000.
- Jalovec, Lee J., to Tektronix, Inc. Delay compensation method and apparatus for digital display systems. 4,540,982, 9-10-85, Cl. 340-743.000.
- Jalowsky, Lewis, to Joy Insignia, Inc. Embroidered design for securement to an article and method of making the same. 4,517,910, 5-21-85, Cl. 112-439.000.
- Jamain, Patrice C.: *See—*
  - Caye, Paul D.; Jamain, Patrice C.; and Weisser, Bernard G., 4,511,190, Cl. 308-10.000.
- Jamak, Inc.: *See—*
  - Cavicchioli, A. G., 4,552,713, Cl. 264-162.000.
  - Diehl, Larry F., Jr.; and Gibbon, Robert M., 4,551,293, Cl. 264-150.000.
  - Vogel, K. Stuart, 4,538,381, Cl. 49-479.000.
- Jamen, Robert: *See—*
  - Gourlia, Jean-Paul; Jacob, Philippe; and Jamen, Robert, 4,525,244, Cl. 203-26.000.
- James, Andre: *See—*
  - Layotte, Pierre-Claude; Dubois, Jean-Claude; and James, Andre, 4,505,362, Cl. 188-67.000.
- James, Barry K., to Dresser Industries, Inc. Electrostatic precipitators. 4,558,404, 12-10-85, Cl. 363-37.000.
- James, Benjamin B.; and Peel, Edward, to Westcode, Inc. Door panel position sensor assembly. 4,538,038, 8-27-85, Cl. 200-61.710.
- James, Benny R., to Harris, Alton C. Pipe aligning tool. 4,555,841, 12-3-85, Cl. 29-468.000.
- James Burn Bindings Limited: *See—*
  - Jones, Leonard W. N., 4,525,117, Cl. 412-39.000.
- James Burn International Limited: *See—*
  - Brindle, Robert J., 4,508,366, Cl. 281-36.000.
- James C. Barber and Associates, Inc.: *See—*
  - Barber, James C., 4,514,366, Cl. 423-318.000.
  - Barber, James C., 4,529,439, Cl. 75-10.00R.
  - Barber, James C., 4,537,615, Cl. 71-36.000.
- James Chemical Engineering Inc.: *See—*
  - Stokes, Keith J., 4,552,979, Cl. 564-69.000.
- James, Claude: *See—*
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,529,728, Cl. 514-227.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,539,400, Cl. 544-47.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,546,100, Cl. 514-231.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,547,504, Cl. 514-255.000.
- James, David H.: *See—*
  - Iannelli, Frank M.; and James, David H., 4,518,104, Cl. 222-146.600.
- James, Dean B.: *See—*
  - Anstine, Larry D.; James, Dean B.; Melaika, Edward A.; and Peterson, John P., Jr., 4,512,921, Cl. 252-626.000.
- James Dole Corporation: *See—*
  - Grof, Geza J., 4,520,528, Cl. 15-304.000.
  - Pohorski, Daniel W., 4,495,974, Cl. 141-132.000.
- James, Donald R., to Stauffer Chemical Company. 2-[4-(substituted aryl)phenoxy]-N-substituted-phenylsulfonyl propionamides having herbicidal properties. 4,549,901, 10-29-85, Cl. 71-94.000.
- James Hamilton & Sons (Engineering) Ltd.: *See—*
  - Wilson, Robert H.; and Wilson, Andrew J., 4,552,190, Cl. 141-82.000.
- James Hardie Industries Limited: *See—*
  - Musgrove, Neil R., 4,527,296, Cl. 4-324.000.
- James, Houston F. Quick-change plastic strip display board. 4,531,320, 7-30-85, Cl. 40-621.000.
- James Howden Australia Pty. Limited: *See—*
  - Russell, Bruce A.; and Abdel-Fattah, Adnan M., 4,511,308, Cl. 415-191.000.
- James Howden & Company Limited: *See—*
  - Groeneveld, Michiel J.; Verver, Albert B.; and Van Swaaij, Willibrordus P. M., 4,535,551, Cl. 34-170.000.
  - Sanderson, George F., 4,560,331, Cl. 418-65.000.
  - White, William W., 4,541,737, Cl. 384-406.000.
  - Wilson, Robert R.; and Falconer, Roy D., 4,553,704, Cl. 241-39.000.
- James, Jack E.: *See—*
  - Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.
- James, James R.; and Henderson, Ann, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Dielectric image waveguide antenna array. 4,507,664, 3-26-85, Cl. 343-700.0MS.
- James, James R.; and Hall, Peter S., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Travelling wave antenna with side lobe elimination. 4,529,988, 7-16-85, Cl. 343-731.000.
- James, Larry R.: *See—*
  - Busboom, Garry W.; and James, Larry R., 4,546,600, Cl. 56-208.000.
- James, Max F., to Tea Industries, Inc. Waterbed rail and method of making same. 4,554,039, 11-19-85, Cl. 156-213.000.

James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., to Podell, Howard L. Dipped rubber article. 4,499,154, 2-12-85, Cl. 428-494.000.
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James, Miranda L.; and Teater, Albert, to GTE Business Communication Systems Inc. Dual timing circuit for telephone subscriber's instrument. 4,492,823, 1-8-85, Cl. 179-81.00R.
James, Richard D.: *See—*
  Magee, Mark R.; and James, Richard D., 4,495,541, Cl. 361-225.000.
James, Richard K.: *See—*
  Ariessohn, Peter C.; and James, Richard K., 4,539,588, Cl. 358-113.000.
James River Corporation: *See—*
  Kinsley, Homan B., Jr., 4,557,800, Cl. 162-20.000.
James River-Dixie/Northern, Inc.: *See—*
  Kuchenbecker, Morris W., 4,538,732, Cl. 206-613.000.
  Martin, Leslie L., Jr., 4,491,502, Cl. 162-146.000.
  Tao, Thomas, 4,533,507, Cl. 261-153.000.
James River-Norwalk, Inc.: *See—*
  Bohrer, Timothy H.; Pawlowski, Thomas D.; and Brown, Richard K., 4,553,010, Cl. 219-10.55E.
  Brown, Richard K.; and Seiferth, Oscar E., 4,555,605, Cl. 219-10.55E.
  Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.
  Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,543,156, Cl. 162-101.000.
  Fay, James E., 4,497,431, Cl. 229-6.00R.
  Gould, Jerome; and Kellogg, Thomas W., 4,520,946, Cl. 221-63.000.
  Klowak, Bernard G.; and Salmeen, Nilo I., Jr., deceased, 4,507,173, Cl. 162-112.000.
  Kuchenbecker, Morris W., 4,505,391, Cl. 206-622.000.
  Kuchenbecker, Morris W., 4,546,884, Cl. 206-611.000.
  Maroszek, Raymond V., 4,530,459, Cl. 229-23.00R.
  Schlesinger, Sheldon I.; Cerenzia, Walter S.; and Wilson, Thomas D., 4,514,354, Cl. 264-324.000.
  Wecker, Sheldon M., 4,518,557, Cl. 264-45.900.
James River Pepperell, Inc.: *See—*
  Jones, Harold R.; and Saila, Karl F., 4,543,157, Cl. 162-134.000.
James, Robert C.; and Kovacs, Lloyd, to Hayssen Manufacturing Company. Packing articles, such as packages of rolls of paper. 4,553,668, 11-19-85, Cl. 206-391.000.
James, Robert E.: *See—*
  Christie, Nick J.; Cox, Randall A.; James, Robert E.; and Stevenson, James C., 4,531,946, Cl. 8-192.000.
James, Robert G.: *See—*
  Palm, Richard R.; James, Robert G.; and Fisher, Robert E., 4,534,706, Cl. 417-17.000.
James, Rolland T.; and Chebra, Ronald J., to Base Ten Systems, Inc. Remote subscriber terminal unit. 4,528,423, 7-9-85, Cl. 179-5.00R.
James, Rolland T., to Base Ten Systems, Inc. Alarm loop supervision. 4,529,971, 7-16-85, Cl. 340-508.000.
James, Stephen R.: *See—*
  Langford, Edward A.; Neale, Reginald L.; and James, Stephen R., 4,559,803, Cl. 72-354.000.
James, Thomas A.: *See—*
  Crosby, Gaius P.; and James, Thomas A., 4,520,736, Cl. 109-60.000.
James W. Gardner Enterprises, Inc.: *See—*
  Black, David J., 4,504,513, Cl. 426-632.000.
James, William A.: *See—*
  Cook, John R.; and James, William A., 4,551,143, Cl. 604-371.000.
James, William G., to General Electric Company. Color corrective coating for arc lamp. 4,499,397, 2-12-85, Cl. 313-112.000.
Jameson, Calvin R., to Nordson Corporation. Hot melt adhesive system. 4,535,919, 8-20-85, Cl. 222-190.000.
Jameson, Calvin R.; and Baker, Robert G., to Nordson Corporation. Thermally insulated electrically heated hose for transmitting hot liquids. 4,553,023, 11-12-85, Cl. 219-301.000.
Jameson, Frederick M.; and Roylance, Donald C., to Jameson, Frederick M. Smoke detector with masking shield. 4,529,976, 7-16-85, Cl. 340-628.000.
Jameson, Joe P.: *See—*
  Fehrenkamp, William; and Jameson, Joe P., 4,545,040, Cl. 367-76.000.
Jameson, Robert L., to United States of America, Army. Elastic fragmentation sleeve. 4,493,264, 1-15-85, Cl. 102-491.000.
Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, to Commissariat a l'Energie Atomique; and Office National d'Etudes et de Recherches Aerospatiales. Process and device for the accelerated densification of a porous carbonaceous substrate by decomposition of a hydrocarbon substance. 4,514,371, 4-30-85, Cl. 423-449.000.
Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, to Commissariat a l'Energie Atomique; and Office National d'Etudes et de Recherches Aerospatiales. Process for the manufacture of compact composite carbonaceous materials by densification of porous carbonaceous substrates. 4,525,337, 6-25-85, Cl. 423-449.000.
Jamieson Film Company: *See—*
  Engelhardt, Billy M.; and Moore, Dwane L., 4,512,645, Cl. 354-324.000.
Jamieson, H. William, Jr., to Offset Engineering, Inc. Apparatus for transferring printed material onto a chain delivery. 4,524,964, 6-25-85, Cl. 271-204.000.
Jamieson, J. Scott; and Gleason, Henry A., III, to Johnson Service Company. Battery powered thermostat. 4,506,827, 3-26-85, Cl. 236-46.00R.
Jamieson, John A.: *See—*
  Bernstein, Lawrence S.; Bien, Fritz; and Jamieson, John A., 4,496,839, Cl. 250-341.000.
Jamieson, John R., to Vickers Public Limited Company. Derrick crane. 4,524,875, 6-25-85, Cl. 212-239.000.
Jamieson, John W.; Lee, Sen L.; and Moon, Suhdok D., to Qume Corporation. Daisywheel printer. 4,502,800, 3-5-85, Cl. 400-144.200.
Jamieson, William B.: *See—*
  Baker, Stephen R.; Jamieson, William B.; Ross, William J., and Todd, Alec, 4,513,005, Cl. 514-451.000.
  Baker, Stephen R.; Lindstrom, Terry D.; Jamieson, William B.; and Ross, William J., 4,532,257, Cl. 514-470.000.
Jamiolkowski, Dennis D.: *See—*
  Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,510,295, Cl. 525-437.000.
  Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,532,928, Cl. 128-335.500.
  Koelmel, Donald F.; Jamiolkowski, Dennis D.; Shalaby, Shalaby W.; and Bezwada, Rao S., 4,546,152, Cl. 525-437.000.
  Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,511,706, Cl. 528-192.000.
Jamiolkowski, Michael J.; and Campbell, Jules D., Jr., to Motorola, Inc. Single input oscillator circuit. 4,513,258, 4-23-85, Cl. 331-111.000.
Jamison, Mark D. Liquid dispensing container. 4,491,245, 1-1-85, Cl. 222-107.000.
Jamison, Matthew; and Sharp, Charles C. Beehive ventilator. 4,512,050, 4-23-85, Cl. 6-1.000.
Jamison, Terry, to Garrett Corporation, The. Turbocharger compressor valve. 4,517,803, 5-21-85, Cl. 60-611.000.
Jamon, Jacques, to Compagnie Generale des Etablissements Michelin. Wear and licking alarm for crown or disk brake. 4,508,196, 4-2-85, Cl. 188-1.110.
Jamsa, Hannu, to Satoturve Oy. Apparatus for collecting peat from a peat field. 4,554,750, 11-26-85, Cl. 37-3.000.
Jan, Gerald; and Lenoir, John, to Ciba-Geigy AG. Oil-soluble disazo dyes and their use in color-photographic recording materials for the silver dye bleach process. 4,521,591, 6-4-85, Cl. 534-821.000.
Jan, Ping-Shuenn; and Hong, Chung-Yieh. Safety arrangement in a taxi. 4,509,788, 4-9-85, Cl. 296-24.00R.
Janata, Jiri, to University of Utah. Apparatus and method for measuring the concentration of components in fluids. 4,514,263, 4-30-85, Cl. 204-1.00T.
Janata, Jiri: *See—*
  Kratochvil, Jiri; and Janata, Jiri, 4,533,456, Cl. 204-415.000.
Janberg, Klaus; and Dyck, Hans-Peter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Device for holding, transporting and final storing of burned-out reactor fuel elements. 4,508,969, 4-2-85, Cl. 250-506.100.
Janberg, Klaus: *See—*
  Dyck, Hans-Peter; Janberg, Klaus; Richter, Wolfgang; and Spilker, Harry, 4,498,011, Cl. 250-507.100.
Janberg, Klaus G.; and Methling, Dieter, to GNS Gesellschaft fur Nuklear-Service mbH. Radioactive-waste container with leak monitor. 4,495,139, 1-22-85, Cl. 376-203.000.
Janczak, Jerzy. Hydraulic pump or motor with interchangeable gears. 4,548,557, 10-22-85, Cl. 418-76.000.
Janczer, Peter: *See—*
  Brugger, Manfred; Janczer, Peter; and Peter, Hans, 4,524,817, Cl. 164-290.000.
Janda, Bruce W.: *See—*
  Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.
  Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,543,156, Cl. 162-101.000.
Janda, Jiri; and Hrdlicka, Karel, to TESLA, koncernovy podnik. Arrangement for adjustment of the vertical tracking force on a phonograph stylus. 4,514,838, 4-30-85, Cl. 369-254.000.
Janda, Jiri, to TESLA, koncernovy podnik. Arrangement for fastening a phonograph stylus holder to the tone arm. 4,542,494, 9-17-85, Cl. 369-256.000.
Jandrasi, Frank J.; Pampell, Davy G.; and Stinson, Walter J., to General Signal Corporation. Slide valve. 4,512,363, 4-23-85, Cl. 137-375.000.
Jandrasi, Frank J.; and Ringle, Eric P., to General Signal Corporation. Control valve for flow of solids. 4,531,539, 7-30-85, Cl. 137-375.000.
Jandrich, Henry C. Wine fermentation apparatus. 4,517,884, 5-21-85, Cl. 99-276.000.
Jandy Industries: *See—*
  Johnson, Bruce R., 4,503,563, Cl. 455-351.000.
  Johnson, Bruce R., 4,520,514, Cl. 4-490.000.
Janeba, Jaroslav: *See—*
  Marsicek, Zdenek; Janeba, Jaroslav; Pacha, Antonin; Pastrnak, Ales; Dykast, Jaroslav; and Prazak, Roman, 4,534,042, Cl. 377-16.000.
Janecek, Kenneth F., to Envirotech Corporation. Multiple primary roll. 4,561,978, 12-31-85, Cl. 210-401.000.
Janerstal, Tommy; and Yngvesson, Sven H., to Partille Tool Aktiebolag. Adjustable clamp for holding objects securely in position. 4,558,853, 12-17-85, Cl. 269-71.000.

- Janes, Gary A.: *See—*
  - Andrews, Lawrence P.; Heath, Chester A.; Mead, Justin E.; VanDuren, Richard G.; and Janes, Gary A., 4,534,011, Cl. 364-900.000.
- Janes, Norman F.: *See—*
  - Elliott, Michael; Janes, Norman F.; and Khambay, Bhupinder P. S., 4,504,491, Cl. 514-521.000.
  - Elliott, Michael; Janes, Norman F.; and Khambay, Bhupinder P. S., 4,515,808, Cl. 514-521.000.
- Janeway, Robert K.: *See—*
  - Palmer, James K.; and Janeway, Robert K., 4,491,798, Cl. 324-425.000.
- Jang, Young H. Tool handle. 4,542,667, 9-24-85, Cl. 81-177.200.
- Janian, Robert. Modified C-shaped mechanical spring seal. 4,508,356, 4-2-85, Cl. 277-205.000.
- Janich, Hans-Jurgen, to PKS-Engineering GmbH & Co. KG. Method for the operation of an air separator, and an air separator for the practice of the method. 4,515,686, 5-7-85, Cl. 209-139.00A.
- Janick, Jules; and Kononowicz, Halina M., to Purdue Research Foundation. Asexual embryogenesis of callus from *theobroma cacao* L. 4,545,147, 10-8-85, Cl. 47-58.000.
- Janicke, Johan, to Ateliers des Charmilles S.A. Fluid jetstream threading mechanism and method for travelling wire EDM apparatus. 4,495,393, 1-22-85, Cl. 219-69.00M.
- Janicki, Piotr: *See—*
  - Brzosko, Witold; Janicki, Piotr; Laskowski, Zbigniew; Madalinski, Kazimierz; and Dabrowa, Andrzej, 4,558,011, Cl. 435-272.000.
- Janicki, Richard T., to Owens-Corning Fiberglas Corporation. Modified asphalt. 4,554,023, 11-19-85, Cl. 106-273.00N.
- Janiga, Eugene R., to Masonite Corporation. Method of bonding using a lignosulfonate-phenol-formaldehyde resin binder. 4,559,097, 12-17-85, Cl. 156-335.000.
- Janik, Rudolf: *See—*
  - Chudy, Martin; Janik, Rudolf; and Povinec, Pavol, 4,495,420, Cl. 250-367.000.
- Janis, James. Security system window guard apparatus and anchor assembly therefor. 4,514,932, 5-7-85, Cl. 49-50.000.
- Janisch, Gerhard: *See—*
  - Haas, Franz; Janisch, Gerhard; and Schreyer, Gerold, 4,535,004, Cl. 427-212.000.
  - Haas, Franz; Janisch, Gerhard; and Schreyer, Gerold, 4,535,005, Cl. 427-212.000.
- Janisiewicz, Stanley W.; Hills, Maynard J.; and Lovell, Edward J., to Universal Instruments Corporation. Indexed feed of electronic component supply tubes. 4,500,246, 2-19-85, Cl. 414-414.000.
- Janisiewicz, Stanley W.; and Rose, Emery L., to Universal Instruments Corporation. Gauging method and apparatus for components having leads. 4,510,806, 4-16-85, Cl. 73-432.00R.
- Janitschke, Lothar; and Hoffmann, Werner, to BASF Aktiengesellschaft. 1-formyl-tri- and tetramethyl-cyclohex-1-en-3-one oximes. 4,517,382, 5-14-85, Cl. 564-267.000.
- Janitschke, Lothar; and Hoffmann, Werner, to BASF Aktiengesellschaft. Preparation of compounds of the 4-oxodamascone series, and novel scents from this class of compounds. 4,550,211, 10-29-85, Cl. 568-361.000.
- Janitzky, Manfred. Underground shelter. 4,507,899, 4-2-85, Cl. 52-169.600.
- Janka, John C.: *See—*
  - Schora, Frank C.; Janka, John C.; and Feldkirchner, Harlan L., 4,560,547, Cl. 423-650.000.
- Janke, Donald E.; and Linstromberg, William J., to Whirlpool Corporation. Refrigeration apparatus defrost control. 4,530,218, 7-23-85, Cl. 62-156.000.
- Janke, Edwin R.; and Conrad, Earl, to Mercury Metal Products, Inc. Cover assembly for vertical exhaust pipes. 4,495,859, 1-29-85, Cl. 98-59.000.
- Janke, Jurgen, to Adolf Illig Maschinenbau GmbH & Co. Method and apparatus for controlling the temperature in thermoforming machines. 4,508,670, 4-2-85, Cl. 264-40.600.
- Jankkila, Martti: *See—*
  - Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Insakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, 4,491,952, Cl. 373-74.000.
- Janko, Mike A.; and Broberg, David K., to Precision Electronics, Inc. System for monitoring video signal parameters, including the luminance signal. 4,504,851, 3-12-85, Cl. 358-10.000.
- Jankot, Alan L., to United Technologies Corporation. Turbine blade with disk rim shield. 4,536,129, 8-20-85, Cl. 416-95.000.
- Jankowski, Detlef: *See—*
  - von der Bey, Thomas; Jankowski, Detlef; Schmidt, Hartmut; Thoma, Klemens; and Volker, Wolfgang, 4,532,779, Cl. 62-514.00R.
- Jann, James M. Chair height adjustment mechanism. 4,540,148, 9-10-85, Cl. 248-406.200.
- Jannemann, Theo; and Brunje, Horst, to Ruhrgas Aktiengesellschaft. Gas apparatus for producing hot water. 4,557,220, 12-10-85, Cl. 122-20.00B.
- Jannemann, Theo: *See—*
  - Sommers, Hans; and Jannemann, Theo, 4,501,127, Cl. 62-238.300.
- Janney, Christopher. Apparatus and method for producing sound images derived from the movement of people along a walkway. 4,504,933, 3-12-85, Cl. 367-197.000.
- Janninck, Robert F.: *See—*
  - Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,508,398, Cl. 339-17.0LM.
  - Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,518,211, Cl. 339-17.0LM.
- Jannot, Marcel A. J.: *See—*
  - Boy-Marcotte, Jean-Louis M. R.; Dahan, Gilbert M. I.; Dancette, Michel; Le Nabour, Marcel P.; Pellerin, Jean-Francois G. A.; Rivallin, Jose; and Jannot, Marcel A. J., 4,511,805, Cl. 290-2.000.
- Janocha, Siegfried: *See—*
  - Crass, Gunther; Janocha, Siegfried; Dietz, Wolfgang; and Bothe, Lothar, 4,502,263, Cl. 53-396.000.
- Janoff, Andrew S.: *See—*
  - Lenk, Robert P.; Fountain, Michael W.; Janoff, Andrew S.; Ostro, Marc J.; and Popescu, Micrea C., 4,522,803, Cl. 424-1.100.
- Janome Sewing Machine Co. Ltd.: *See—*
  - Eguchi, Yasukata; Hanyu, Susumu; Takenoya, Hideaki; and Inamori, Mikio, 4,520,987, Cl. 248-635.000.
  - Eguchi, Yasukata; Nomoto, Reishi; and Takahashi, Masayoshi, 4,527,564, Cl. 128-339.000.
  - Eguchi, Yasukata; and Inamori, Mikio, 4,532,874, Cl. 112-235.000.
  - Hanyu, Susumu; and Ebata, Yoshikazu, 4,498,405, Cl. 112-168.000.
  - Hanyu, Susumu; and Kato, Kenji, 4,501,210, Cl. 112-158.00E.
  - Hanyu, Susumu; Takenoya, Hideaki; and Kato, Shinichi, 4,522,134, Cl. 112-453.000.
  - Hanyu, Susumu; and Kato, Kenji, 4,531,466, Cl. 112-121.110.
  - Hanyu, Susumu, 4,560,296, Cl. 400-649.000.
  - Kato, Kenji, 4,502,402, Cl. 112-158.00E.
  - Nomoto, Reishi; Takahashi, Masayoshi; and Ebata, Yoshikazu, 4,553,544, Cl. 128-340.000.
  - Sano, Yasuro, 4,559,887, Cl. 112-455.000.
  - Suzuki, Ryoichi; and Yamaguchi, Yoshio, 4,501,588, Cl. 8-444.000.
  - Suzuki, Ryoichi; and Yamaguchi, Yoshio, 4,501,590, Cl. 8-495.000.
  - Takenoya, Hideaki; and Shomura, Eiichi, 4,519,328, Cl. 112-158.00E.
  - Takenoya, Hideaki; Fujimura, Toshiro; Hara, Masanori; and Tonomura, Yoshinobu, 4,522,137, Cl. 112-266.100.
  - Takenoya, Hideaki; and Inamori, Mikio, 4,522,138, Cl. 112-266.100.
  - Takenoya, Hideaki; and Mishima, Fumiyuki, 4,522,520, Cl. 400-636.100.
  - Tamiya, Yoshimichi; and Eguchi, Yasukata, 4,509,441, Cl. 112-158.00B.
- Janome Sewing Machine Industry Co., Ltd.: *See—*
  - Eguchi, Yasukata, 4,554,879, Cl. 112-445.000.
  - Hanyu, Susumu; and Yamaguchi, Yoshio, 4,538,535, Cl. 112-270.000.
  - Hanyu, Susumu; Hara, Kazumasa; and Koike, Mikio, 4,542,706, Cl. 112-229.000.
  - Koide, Akio, 4,522,140, Cl. 112-279.000.
  - Kongoh, Takeshi; and Tanaka, Haruhiko, 4,532,876, Cl. 112-454.000.
  - Kongoh, Takeshi, 4,554,880, Cl. 112-454.000.
  - Takenoya, Hideaki; and Shomura, Eiichi, 4,527,495, Cl. 112-264.100.
  - Takenoya, Hideaki; Kuribayashi, Nobumitu; and Shomura, Eiichi, 4,530,296, Cl. 112-229.000.
  - Takenoya, Hideaki; and Mishima, Fumiyuki, 4,538,932, Cl. 400-185.000.
  - Takenoya, Hideaki; and Honda, Kazunori, 4,541,354, Cl. 112-314.000.
  - Takenoya, Hideaki; and Mishima, Fumiyuki, 4,553,870, Cl. 400-662.000.
- Janoski, Edward J.; and Hollstein, Elmer J., to United States of America, Energy. Method for removing chlorine compounds from hydrocarbon mixtures. 4,561,969, 12-31-85, Cl. 208-262.000.
- Janossy, Lorant: *See—*
  - Szejtli, Jozsef; Liptak, Andras; Nanasi, Pal; Fugedi, Peter; Jodal, Ildiko; Kandra, Lili; and Janossy, Lorant, 4,542,211, Cl. 536-103.000.
- Janovac, Stephen J., to W. S. Tyler Incorporated. Multi-dimensional screen. 4,491,517, 1-1-85, Cl. 209-401.000.
- Janowicz, Andrew H.: *See—*
  - Bergman, Robert G.; Janowicz, Andrew H.; and Periana-Pillai, Roy A., 4,511,745, Cl. 570-241.000.
- Jansen, Deborah S.: *See—*
  - Peoples, Clarence, Jr.; Puydak, Robert C.; and Jansen, Deborah S., 4,508,771, Cl. 428-95.000.
- Jansen, Dirk: *See—*
  - Wildermuth, Eberhard; Jansen, Dirk; Burkhardt, Rudolf; and Merz, Joachim, 4,525,717, Cl. 343-452.000.
- Jansen, Frank; and Mort, Joseph, to Xerox Corporation. Process for amorphous silicon films. 4,513,022, 4-23-85, Cl. 427-39.000.
- Jansen, Frank: *See—*
  - Mort, Joseph; Jansen, Frank; Grammatica, Steven J.; and Morgan, Michael A., 4,544,617, Cl. 430-58.000.
- Jansen, Friedrich W., to P.J. Industrial Safety Elec. Co. Ltd. Forced air distributor for baseboard heater. 4,511,786, 4-16-85, Cl. 219-364.000.
- Jansen, Gerardus L. M., to U.S. Philips Corporation. Electrodynamic focus and radial slide drive for an optical disc system. 4,504,935, 3-12-85, Cl. 369-32.000.
- Jansen, Gerardus L. M.; and Vorspaget, Alexander, to U.S. Philips Corporation. Optical recording and/or reading device with spindle and optical elements supported on parallel bars. 4,545,046, 10-1-85, Cl. 369-111.000.
- Jansen, Harley W.: *See—*
  - Zylstra, Henry J.; and Jansen, Harley W., 4,538,194, Cl. 361-42.000.
- Jansen, Herbert; Schiffers, Hans-Gunter; and Gerretz, Richard, to Mannesmann Demag Wean. Apparatus for testing pipes by a pipe tester. 4,537,407, 8-27-85, Cl. 277-2.000.

Jansen, Jacobus: *See—*

Groeneveld, Christiaan; Knol, Dirk; Verstegen, Johannes D. M.; and Jansen, Jacobus, 4,554,386, Cl. 568-697.000.

Jansen, Klaus: *See—*

Ulrich, Reinhard; and Jansen, Klaus, 4,558,950, Cl. 356-345.000.

Jansen, Pierre G.: *See—*

Scholten, Carel S.; Slob, Arie; and Jansen, Pierre G., 4,510,612, Cl. 375-106.000.

Jansen, Wim: *See—*

Van Der Ploeg, Arie; Jansen, Wim; and Gerson, Philips, 4,501,255, Cl. 123-557.000.

Jansens & Dieperink B.V.: *See—*

Fons, Gerrit, 4,561,222, Cl. 52-197.000.

Jansky, Donald J.: *See—*

Moynagh, Eugene E., Jr.; and Jansky, Donald J., 4,533,204, Cl. 339-221.00R.

Jansma, John C., to Standard Oil Company, The. Concurrent production of two grades of coke using a single fractionator. 4,518,486, 5-21-85, Cl. 208-131.000.

Jansma, Roger H.; and Sandberg, Karen R., to Nalco Chemical Company. Polyaldehyde/polyacetal compositions. 4,508,594, 4-2-85, Cl. 162-135.000.

Jansma, Wytze; Mars, Jan; Stoutjesdijk, Pieter G.; and Vegter, Herman J., to Latenstein Zetmeel B.V. Separation of gluten and starch from wheat flour. 4,494,530, 1-22-85, Cl. 127-69.000.

Janson, Bengt G., to AB Spray Technics S.T. Method for separating coarse particles from a liquid. 4,536,295, 8-20-85, Cl. 210-804.000.

Janson, David A., to Ford Motor Company. Chain driven reverse gear for a manual transmission. 4,515,031, 5-7-85, Cl. 74-359.000.

Janson, Gosta. Solar-energy collector. 4,534,337, 8-13-85, Cl. 126-445.000.

Janson, Gunnar H., to Dana Corporation. Axle clutch actuator. 4,556,258, 12-3-85, Cl. 301-128.000.

Janson, Mats O., to Tylo Sauna S.A. Wall mounting arrangement for sauna heating units. 4,546,236, 10-8-85, Cl. 219-365.000.

Janssen, Alexander P. Visible indexes. 4,499,132, 2-12-85, Cl. 428-77.000.

Janssen, Alexander P. Disposable cooking bags. 4,499,817, 2-19-85, Cl. 99-403.000.

Janssen, Caleb E., to Lockheed Corporation. Tool for installing electrical wire harness clamps and the like. 4,512,219, 4-23-85, Cl. 81-121.100.

Janssen, Daniel J. G.: *See—*

Geboers, Josephus J. A.; and Janssen, Daniel J. G., 4,518,828, Cl. 179-81.00R.

Janssen, Donovan M.: *See—*

Ashbee, William H.; Janssen, Donovan M.; Martin, Ronald J.; and Seaward, William S., 4,511,242, Cl. 355-14.00C.

Janssen, Edward W., to Minnesota Mining and Manufacturing Company. Anaerobically-curing compositions. 4,528,059, 7-9-85, Cl. 156-307.300.

Janssen, Harry R.: *See—*

Graf, Harlan G.; and Janssen, Harry R., 4,518,487, Cl. 208-131.000.

Graf, Harlan G.; Janssen, Harry R.; Edwards, Don L.; and Duren, Don D., 4,541,453, Cl. 137-315.000.

Graf, Harlan G.; Janssen, Harry R.; and Kurdy, George A., 4,549,934, Cl. 196-98.000.

Janssen, Johannes A.: *See—*

Weterings, Cornelis A. M.; and Janssen, Johannes A., 4,514,365, Cl. 423-15.000.

Janssen, Karl-Egon; and Breur, Heinz G., to Rheinmetall GmbH. Breech mechanism with a mushroom head packing. 4,548,121, 10-22-85, Cl. 89-26.000.

Janssen, Kermit W.: *See—*

Sullivan, Dale W.; Janssen, Kermit W.; and Mitchell, Andrew, 4,550,778, Cl. 166-234.000.

Janssen, Lutz J.; and Wulfing, Friedl W., to Ford Motor Company. Motor car with flow stepped tail and air-conducting means. 4,533,168, 8-6-85, Cl. 296-1.00S.

Janssen, Peter J. M., to U.S. Philips Corporation. Optical disc pressure-collapsible cover. 4,510,508, 4-9-85, Cl. 346-135.100.

Janssen, Peter J. M.; and van Rosmalen, Gerard E., to U.S. Philips Corporation. Opto-electronic apparatus for inscribing and/or reading recording tracks by means of a radiation beam. 4,561,081, 12-24-85, Cl. 369-45.000.

Janssen, Petrus H. J.: *See—*

van der Stoel, Roland E.; Bosma, Marcel A. R.; Janssen, Petrus H. J.; and van de Moesdijk, Cornelis G. M., 4,560,760, Cl. 546-243.000.

Janssen Pharmaceutica N.V.: *See—*

Heeres, Jan; and Mostmans, Joseph, 4,503,055, Cl. 514-285.000.

Heeres, Jan; Backx, Leo J. J.; and Mostmans, Joseph H., 4,524,110, Cl. 428-537.100.

Heeres, Jan; and Mostmans, Joseph H., 4,533,550, Cl. 514-256.000.

Heeres, Jan, 4,539,325, Cl. 514-283.000.

Janssens, Frans E.; Torremans, Joseph L. G.; Hens, Jozef F.; and Van Offenwert, Theophilus T. J. M., 4,556,660, Cl. 514-272.000.

Kennis, Ludo E. J.; and Mertens, Josephus C., 4,529,727, Cl. 514-226.000.

Kennis, Ludo E. J.; Vandenberk, Jan; and Mertens, Josephus C., 4,533,665, Cl. 514-258.000.

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Van Gestel, Josef; Duytschaever, Benedikt; Muntwyler, Rene; and Scharer, Max, 4,542,146, Cl. 514-383.000.

Janssens de Varebeke, Philippe M.: *See—*

Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.

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Janssens, Wilhelmus; and Claeys, Daniel A., to AGFA-GEVAERT N.V. Process for the production of a photographic color image by image-wise dye diffusion transfer. 4,496,645, 1-29-85, Cl. 430-239.000.

Janssens, Wilhelmus: *See—*

Lemahieu, Raymond G.; and Janssens, Wilhelmus, 4,514,494, Cl. 430-376.000.

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Jansson, Richard M.: *See—*

Gaskin, Virginia R.; Horvath, Eugene P.; and Jansson, Richard M., 4,501,131, Cl. 62-514.00R.

Janta, Dieter; and Nolde, Wolfgang, to U.S. Philips Corporation. Demodulation circuit having triangular wave for blocking harmonics. 4,560,942, 12-24-85, Cl. 329-101.000.

Jantzen, Steven L., to ACF Industries, Incorporated. Scissor support for welding tank sections. 4,504,047, 3-12-85, Cl. 269-43.000.

Janusch, Alois, to Voest-Alpine Aktiengesellschaft. Process for continuously drying and upgrading of organic solid materials such as, for example, brown coals. 4,502,227, 3-5-85, Cl. 34-12.000.

Janusch, Alois; and Mayer, Franz, to Voest-Alpine Aktiengesellschaft. Process for drying of organic solid materials, particularly brown coals. 4,514,912, 5-7-85, Cl. 34-37.000.

Janusch, Alois, to Voest-Alpine Aktiengesellschaft. Device for drying of solid materials. 4,541,929, 9-17-85, Cl. 210-217.000.

Janusis, Charles: *See—*

Rowen, John B.; Rowen, Christopher M.; and Janusis, Charles, 4,551,028, Cl. 368-204.000.

Janusz, John M.; and LaHann, Thomas R., to Procter & Gamble Company, The. Novel compounds and compositions useful for producing analgesia. 4,532,139, 7-30-85, Cl. 514-627.000.

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Janusz, John M.: *See—*

LaHann, Thomas R.; Janusz, John M.; and Buckwalter, Brian L., 4,544,669, Cl. 514-563.000.

Januszkiewicz, Stanley: *See—*

Charkey, Allen; and Januszkiewicz, Stanley, 4,546,058, Cl. 429-223.000.

Janutka, William J., to Eaton Corporation. Bidirectionally source stacked FETs with drain-referenced common gating. 4,491,750, 1-1-85, Cl. 307-577.000.

Janutka, William J., to Eaton Corporation. Unpowered fast gate turn-off FET. 4,492,883, 1-8-85, Cl. 307-571.000.

Janutka, William J., to Eaton Corporation. Self-powered nonregenerative fast gate turn-off FET. 4,500,801, 2-19-85, Cl. 307-570.000.

Janutka, William J., to Eaton Corporation. Three terminal bidirectional source to source FET circuit. 4,500,802, 2-19-85, Cl. 307-571.000.

Janutka, William J.: *See—*

Ryczek, Lawrence J.; and Janutka, William J., 4,521,694, Cl. 307-266.000.

Ryczek, Lawrence J.; and Janutka, William J., 4,521,748, Cl. 331-108.00D.

Janutta, Reinhard; and Redeker, Werner, to Hauni-Werke Korber & Co. KG. Apparatus for dressing grinding wheels. 4,502,456, 3-5-85, Cl. 125-11.0CD.

Janzen, James H., Jr.: *See—*

Janzen, James H., Sr.; and Janzen, James H., Jr., 4,538,434, Cl. 70-178.000.

Janzen, James H., Sr.; and Janzen, James H., Jr. Security housing for oil storage tank valve. 4,538,434, 9-3-85, Cl. 70-178.000.

Jao, Yun C.; and Good, Ivan C., to Miles Laboratories, Inc. Method for the preparation of spherical microorganism cell aggregates. 4,543,332, 9-24-85, Cl. 435-180.000.

Japan: *See—*

Nemoto, Akira, 4,555,140, Cl. 297-452.000.

Japan Atomic Energy Research Institute: *See—*

Fujimura, Syunichi; Oda, Eisuke; Hagiwara, Miyuki; and Morita, Youske, 4,554,173, Cl. 427-120.000.

Ishigaki, Isao; Sugo, Takanobu; and Okamoto, Jiro, 4,539,277, Cl. 429-249.000.

Kondo, Tatsuo; Tamura, Manabu; Tanimura, Masayuki; and Kamemura, Yoshiki, 4,556,423, Cl. 75-125.000.

Kumakura, Minoru; Kaetsu, Isao; Suzuki, Mieko; and Adachi, Masakazu, 4,552,633, Cl. 204-159.210.

Japan Aviation Electronics Industry Limited: *See—*

Ichimura, Yoshiaki, 4,498,720, Cl. 339-75.0MP.

Ichimura, Yoshiaki; Noda, Atsuhito; Tokaichi, Tetsuro; and Umesato, Shoji, 4,519,660, Cl. 339-75.00M.

Ichimura, Yoshiaki, 4,538,864, Cl. 339-17.0CF.

- Japan Bano'k Co., Ltd.: *See—*
  - Furutsu, Akira, 4,492,330, Cl. 227-67.000.
  - Furutsu, Akira, 4,499,928, Cl. 140-93.200.
  - Furutsu, Akira, 4,507,828, Cl. 24-16.0PB.
  - Furutsu, Akira, 4,511,073, Cl. 227-67.000.
  - Furutsu, Akira, 4,535,926, Cl. 227-67.000.
  - Furutsu, Akira, 4,536,933, Cl. 29-235.000.
  - Furutsu, Akira, 4,538,754, Cl. 227-67.000.
  - Furutsu, Akira, 4,553,688, Cl. 227-67.000.
  - Kato, Masami, 4,503,006, Cl. 264-148.000.
- Japan Carlit Co., Ltd., The: *See—*
  - Murakami, Katsuyuki; Hirakata, Kaoru; Shimoda, Shinichi; and Itai, Reiichi, 4,495,048, Cl. 204-267.000.
- Japan Chemical Research Co., Ltd.: *See—*
  - Nakanishi, Koichiro; and Hiratani, Hajime, 4,500,514, Cl. 424-94.000.
  - Nakanishi, Koichiro; and Hiratani, Hajime, 4,510,248, Cl. 435-226.000.
  - Nishimura, Toyohiko; Uchida, Naomi; and Hiratani, Hajime, 4,528,186, Cl. 424-99.000.
- Japan Crown Cork Co., Ltd.: *See—*
  - Itsubo, Junichi; Yazaki, Takashi; and Mori, Fumio, 4,520,939, Cl. 215-252.000.
- Japan Electronic Control Systems Company, Limited: *See—*
  - Tomisawa, Naoki, 4,512,315, Cl. 123-478.000.
- Japan Electronic Materials Corporation: *See—*
  - Okubo, Masao; Yoshimitsu, Yasuro; Nakai, Fumio; and Garretson, Oliver R., 4,518,914, Cl. 324-158.00F.
  - Okubo, Masao; and Yoshimitsu, Yasuro, 4,523,144, Cl. 324-158.00P.
- Japan Exlan Company Limited: *See—*
  - Kobashi, Toshiyuki; and Naka, Hideo, 4,533,538, Cl. 423-617.000.
  - Kobashi, Toshiyuki; and Takao, Seiji, 4,535,027, Cl. 428-364.000.
  - Kobashi, Toshiyuki; and Takagi, Shoyo, 4,540,754, Cl. 526-88.000.
  - Kobashi, Toshiyuki; and Naka, Hideo, 4,546,146, Cl. 524-831.000.
  - Sawanishi, Shigeru; Shiomi, Yozo; and Yamane, Akira, 4,510,111, Cl. 264-177.00F.
  - Sawanishi, Shigeru; and Wakitani, Mitsuru, 4,562,114, Cl. 428-372.000.
  - Tanaka, Koji, 4,493,772, Cl. 210-799.000.
  - Tanaka, Koji; and Ueda, Minoru, 4,507,204, Cl. 210-497.010.
  - Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
- Japan Immunoresearch Laboratories Co., Ltd.: *See—*
  - Kumakura, Minoru; Kaetsu, Isao; Suzuki, Mieko; and Adachi, Masakazu, 4,552,633, Cl. 204-159.210.
- Japan Inorganic Material Co., Ltd.: *See—*
  - Kawai, Kyosuke; Nakagawa, Mitsuru; Yanase, Shinji; and Kawai, Kiyoshi, 4,525,190, Cl. 65-14.000.
- Japan Iron and Steel Federation: *See—*
  - Higo, Tsutomu; Mizutani, Shoji; Sawada, Yasuhiro; and Kengaku, Katsumi, 4,507,265, Cl. 422-186.000.
- Japan Life Company Limited: *See—*
  - Shibata, Yoshikazu, 4,548,156, Cl. 116-70.000.
  - Yagi, Toshizo, 4,509,219, Cl. 5-481.000.
- Japan Marine Science & Technology Center: *See—*
  - Kaneda, Hidehiko; Inagaki, Natsuo; and Yamaguchi, Hitoshi, 4,526,239, Cl. 173-73.000.
- Japan Medical Laser Laboratory Co., Ltd.: *See—*
  - Kubo, Kiyoshi; and Ohshiro, Toshio, 4,561,440, Cl. 128-395.000.
- Japan Medical Supply Co., Ltd.: *See—*
  - Ishihara, Yoshihisa, 4,493,707, Cl. 604-164.000.
  - Sasaki, Hideki, 4,553,964, Cl. 604-248.000.
- Japan Metals & Chemicals Co., Ltd.: *See—*
  - Karasawa, Tadayoshi; Kawano, Katsumi; Uchiyama, Katsuji; and Yamazaki, Michio, 4,543,197, Cl. 252-62.560.
- Japan Mining Promotive Foundation, The: *See—*
  - Goto, Sakichi, 4,514,221, Cl. 75-63.000.
- Japan Pionics Co., Ltd.: *See—*
  - Koiso, Yasuhiko; Ohtsuka, Kenji; and Yahara, Shigeo, 4,516,564, Cl. 126-263.000.
- Japan Radio Company, Limited: *See—*
  - Matsumoto, Shigeru; Okabe, Yoshikatsu; and Kazama, Yasuhiro, 4,516,133, Cl. 343-819.000.
- Japan Servo Co., Ltd.: *See—*
  - Ichihara, Noboru; and Takehara, Isamu, 4,496,887, Cl. 318-254.000.
  - Sakamoto, Masafumi, 4,499,391, Cl. 310-89.000.
  - Sakamoto, Masafumi, 4,503,368, Cl. 310-49.00R.
- Japan Spectroscopic Co., Ltd.: *See—*
  - Watanabe, Shinichiro, 4,500,205, Cl. 356-325.000.
  - Watanabe, Shinichiro, 4,545,681, Cl. 356-325.000.
- Japan Steel Works, Ltd., The: *See—*
  - Fujimori, Eiichi, 4,552,863, Cl. 502-418.000.
  - Fujita, Daijiro; Motoo, Akihiko; and Maki, Yoshiki, 4,516,925, Cl. 425-463.000.
  - Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.
  - Iwanami, Yoshiyuki; Taniguchi, Kozo; Funazaki, Mitsunori; and Takenouchi, Tomoo, 4,502,524, Cl. 164-66.100.
  - Motoo, Akihiko, 4,562,331, Cl. 219-121.0ED.
  - Sato, Yoshinori, 4,520,446, Cl. 364-468.000.
- Japan Storage Battery Company Limited: *See—*
  - Fujita, Yuko; Kudo, Hisashi; and Tanigawa, Ikuo, 4,495,051, Cl. 204-408.000.
  - Fujita, Yuko; and Kudo, Hisashi, 4,539,086, Cl. 204-129.000.
  - Takagaki, Tokujiro; Sasaki, Tetsuo; and Seike, Haruo, 4,554,227, Cl. 429-178.000.
- Japan Styrene Paper Corporation: *See—*
  - Adachi, Akira; Kubota, Takashi; Okada, Yukio; Miyazaki, Kenichi; and Hagiwara, Taro, 4,504,534, Cl. 428-71.000.
  - Azuma, Tadashi; Akamatsu, Yoshihiro; Akiyama, Hiroyuki; and Yoshimura, Shohei, 4,496,627, Cl. 428-336.000.
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,601, Cl. 521-58.000.
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,653, Cl. 528-491.000.
- Japan Synthetic Rubber Co., Ltd.: *See—*
  - Andoh, Naoki; and Fujiwara, Shuetsu, 4,521,622, Cl. 564-406.000.
  - Aotani, Seiji; and Kanayama, Hisanori, 4,559,303, Cl. 435-180.000.
  - Arakawa, Masatoshi; Yoshioka, Hayao; and Nakazawa, Kazuyoshi, 4,504,692, Cl. 585-633.000.
  - Hosaka, Yoshihiro; Kamoshida, Yoichi; Harita, Yoshiyuki; and Harada, Kunihiro, 4,499,171, Cl. 430-192.000.
  - Makino, Kenya; Sakurai, Hideo; Toyoda, Toshiyuki; and Matsuo, Yoshitaka, 4,506,061, Cl. 526-142.000.
  - Niinomi, Masahiro; Okubo, Yukihiro; Igarashi, Yoshinori; and Yoshinari, Masashi, 4,546,166, Cl. 528-60.000.
  - Oshima, Noboru; Shimizu, Isamu; and Yoshimura, Yoshito, 4,540,744, Cl. 525-332.900.
  - Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,515,922, Cl. 525-99.000.
  - Shinohara, Hironobu; Yamahara, Noboru; and Yoshida, Yoshinori, 4,511,683, Cl. 524-3.000.
  - Shinohara, Hironobu; Kubota, Kiyonobu; and Yoshida, Yoshinori, 4,547,200, Cl. 44-51.000.
  - Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,494,954, Cl. 8-507.000.
  - Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,550,001, Cl. 264-2.600.
  - Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.
  - Wada, Noriaki, 4,517,332, Cl. 524-506.000.
  - Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.
- Japan Tobacco & Salt Public Corporation, The: *See—*
  - Hone, Motonobu; Hirabayashi, Toshiyasu; and Suzuki, Hisao, 4,550,821, Cl. 198-416.000.
  - Horie, Motonobu; Suzuki, Minoru; and Ogura, Shinji, 4,556,072, Cl. 131-282.000.
  - Nagashino, Ayaji, 4,548,539, Cl. 414-412.000.
  - Nishida, Hiroshi; Hizawa, Kouichi; and Mine, Taiichi, 4,557,698, Cl. 414-330.000.
- Japanese Foundation for Cancer Research: *See—*
  - Yoshida, Mitsuaki; Sugano, Haruo; Shimizu, Fumio; and Imagawa, Kenichi, 4,525,300, Cl. 260-112.50R.
- Japanese National Railways: *See—*
  - Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, 4,520,756, Cl. 118-699.000.
  - Kitta, Toshiyuki; and Abe, Wataru, 4,557,087, Cl. 52-230.000.
  - Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.
- Japax Incorporated: *See—*
  - Inoue, Kiyoshi; and Shimizu, Akihiko, 4,527,034, Cl. 219-69.00G.
  - Inoue, Kiyoshi; Shimizu, Akihiko; and Yabe, Jinzo, 4,558,977, Cl. 409-80.000.
- Japes, Manfred, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Driving mirror for motor vehicles. 4,561,732, 12-31-85, Cl. 350-584.000.
- Japhet, William D. Hydraulic cylinder reconditioner. 4,502,316, 3-5-85, Cl. 72-392.000.
- Japka, Joseph E.: *See—*
  - Girrell, Carol A.; and Japka, Joseph E., 4,547,228, Cl. 148-16.000.
- Jaqua, Vance W., to Rockwell International Corporation. Method of forming small-diameter channel within an object. 4,535,518, 8-20-85, Cl. 29-157.00C.
- Jaquen, Claude: *See—*
  - Courtois, Guy; and Jaquen, Claude, 4,500,227, Cl. 405-128.000.
- Jaquet, Andre, to Sig Societe Industrielle Suisse. Railway work machine. 4,531,053, 7-23-85, Cl. 250-201.000.
- Jaquet, Andre, to SIG Societe Industrielle Suisse. Railway work machine. 4,538,061, 8-27-85, Cl. 250-201.000.
- Jaquet, Henri, to Jaquet Orthopedic S.A. External bone-anchoring element. 4,535,763, 8-20-85, Cl. 128-92.00A.
- Jaquet Orthopedic S.A.: *See—*
  - Jaquet, Henri, 4,535,763, Cl. 128-92.00A.
- Jaquiss, Donald B. G.; McCready, Russell J.; and Tyrell, John A., to General Electric Company. Stabilized polycarbonate-polyester compositions. 4,532,290, 7-30-85, Cl. 524-417.000.
- Jaras, Sven G.: *See—*
  - Otterstedt, Jan-Erik A.; Jaras, Sven G.; Pudas, Roland; and Upson, Lawrence L., 4,515,903, Cl. 502-68.000.
- Jarby, Sven. Smoothing, cutting and polishing tool. 4,497,141, 2-5-85, Cl. 51-168.000.
- Jarczyn, Henry N., to Urotek Inc. Urodynamic catheter. 4,538,621, 9-3-85, Cl. 128-748.000.
- Jardat, Alain; and Andre, Joel, to Societe Nationale Industrielle et Aerospatiale. Apparatus for cutting by means of a high pressure fluid jet. 4,501,182, 2-26-85, Cl. 83-177.000.

Jardin, Hans, to Webasto-Werk W. Baier GmbH & Co. Sliding and tilting roof for motor vehicles. 4,537,442, 8-27-85, Cl. 296-221.000.

Jardin, Hans: *See*—

Bienert, Horst; Kohlpaintner, Georg; and Jardin, Hans, 4,509,791, Cl. 296-216.000.

Jardine, George W. Glare attenuating attachment for vehicle sun visors. 4,526,415, 7-2-85, Cl. 296-97.00F.

Jardinier, Pierre; and Simonnot, Jack, to Societe d'Etudes et de Recherches de Ventilation et d'Aerauliques. Flow stabilizer for a ventilation duct. 4,515,308, 5-7-85, Cl. 236-49.000.

Jarecki Industries: *See*—

Kulisek, Robert P., 4,542,878, Cl. 251-315.000.

Jargell, Tomas: *See*—

Bernhardsson, Goran; and Jargell, Tomas, 4,498,784, Cl. 366-134.000.

Jargosch, Reiner E.: *See*—

Lott, Peter F.; and Jargosch, Reiner E., 4,518,519, Cl. 252-148.000.

Jarisch, Walter: *See*—

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Jark, Jens K.: *See*—

Johansen, Claus J.; Jark, Jens K.; and Stefansson, Thorvardur S., 4,523,739, Cl. 251-139.000.

Jarman, Davis R.; and Hinson, Virgil H. Vehicle body and frame measuring device. 4,513,508, 4-30-85, Cl. 33-288.000.

Jarmas, Alvydas A.: *See*—

Conrad, Preston C.; and Jarmas, Alvydas A., 4,540,779, Cl. 544-24.000.

Jarmuzewski, Hans-Georg, to Deutsche Babcock Werke Aktiengesellschaft. Steam generator with a stationary fluidized-bed hearth. 4,552,097, 11-12-85, Cl. 122-4.00D.

Jarnot, Frank R., to Airlette Manufacturing Corporation, Inc. Weather protective cover ventilator. 4,537,119, 8-27-85, Cl. 98-52.000.

Jarnuszkiewicz, Marek: *See*—

Jarnuszkiewicz, Stanislaw; and Jarnuszkiewicz, Marek, 4,546,751, Cl. 123-568.000.

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Jaroch, Johannes: *See*—

Grumpelt, Heinrich; and Jaroch, Johannes, 4,541,345, Cl. 110-229.000.

Jarocinski, Richard; Keaton, William R.; and Magennis, Joseph L., to GTE Automatic Electric Laboratories Incorporated. Exposure of photo resist. 4,539,070, 9-3-85, Cl. 156-659.100.

Jarocki, Kathryn M.: *See*—

Tortorello, Anthony J.; Hansen, Nestor P.; and Jarocki, Kathryn M., 4,533,682, Cl. 523-414.000.

Jarog, Dean J.: *See*—

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Jaros, Frantisek: *See*—

Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.

Junek, Jan; Skarka, Josef; Jaros, Frantisek; Hortlik, Frantisek; Hacova, Kveta; Vobornik, Vaclav; Ohlidal, Vladimi; and Lihtarova, Ludmila, 4,499,718, Cl. 57-301.000.

Jarosch, Harald: *See*—

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Jarosz, John M., to S&C Electric Company. Device for terminating a fusible element of an interrupting module. 4,491,820, 1-1-85, Cl. 337-159.000.

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Jaye, Richard C. Filter for water jugs. 4,491,520, 1-1-85, Cl. 210-232.000.
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Jaynes, Jesse M.: *See—*
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Jaynes, Mark S.: *See—*
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JBA Company: *See—*
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Konrad, Mathias, 4,501,570, Cl. 464-48.000.
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Granday, Georges; and Jeandot, Marcel, 4,526,792, Cl. 426-56.000.
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  - Moreland, Gerald W., 4,541,780, Cl. 417-176.000.
- Jebbett, Norma J.: *See—*
  - Stott, Edward J.; Thomas, Lewis H.; and Jebbett, Norma J., 4,517,304, Cl. 436-518.000.
- Jebron Limited: *See—*
  - Harrison, Stephen J.; and Brown, Peter E., 4,502,180, Cl. 16-52.000.
- Jeco Company Limited: *See—*
  - Takahashi, Akira; Kasahara, Shinju; and Hosokawa, Toshiaki, 4,529,903, Cl. 310-156.000.
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  - Bostian, Bruce R., 4,539,726, Cl. 16-72.000.
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- Jedziniak, Francis J. Securable storage assembly for data processing device. 4,493,267, 1-15-85, Cl. 108-50.000.
- Jeffcoat, Keith: *See—*
  - Flavell, John; Jeffcoat, Keith; and Betts, Max W., 4,501,132, Cl. 66-64.000.
- Jefferies, Derek K.: *See—*
  - Cockhill, Thomas D.; Pashley, Neil A.; Prewett, Phillip D.; and Jefferies, Derek K., 4,516,052, Cl. 313-546.000.
- Jefferies, Patrick J.: *See—*
  - Hung, William M.; and Jefferies, Patrick J., 4,536,367, Cl. 422-37.000.
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  - Boucher, Stephen G.; and Jeffers, Robert K., 4,555,938, Cl. 73-187.000.
- Jefferson, David A. Checklist device. 4,520,749, 6-4-85, Cl. 116-325.000.
- Jeffery, Graham J., to Rolls-Royce Limited. Turbine overspeed limiter for turbomachines. 4,498,291, 2-12-85, Cl. 60-39.091.
- Jeffery, James E.; Kozlik, Antonin; and Wilmshurst, Eric C., to Boots Company PLC, The. Therapeutic agents. 4,522,828, 6-11-85, Cl. 514-646.000.
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  - Wheeldon, John B.; Jeffery, John; and Myerscough, Paul F., 4,505,383, Cl. 198-853.000.
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- Jeffery, Philip A. E.; and Luecke, Greg R., to United Technologies Corporation. Hub-mounted actuators for blade pitch collective control. 4,555,219, 11-26-85, Cl. 416-158.000.
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- Jeffrey, Frank R., III; and Shirck, James R., to Minnesota Mining and Manufacturing Company. Layered photoconductive element. 4,513,073, 4-23-85, Cl. 430-65.000.
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- Jeffrey, Peter, to Yoshida Kogyo K.K. Load sensing apparatus with capacitive and inductive sensors. 4,520,885, 6-4-85, Cl. 177-210.00C.
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  - Ashley, Robert J.; Bardhan, Nabendu; Hardy, Peter D.; and Jeffs, Keith D., 4,553,971, Cl. 604-415.000.
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- Jelinek, Nikolaus: *See—*
  - Becherer, Walter; Geyken, Erwin; Jelinek, Nikolaus; and Lechner, Franz, 4,494,706, Cl. 242-65.000.
- Jelks, Edward C., to Texas Instruments Incorporated. Thin film deposition using plasma-generated source gas. 4,505,949, 3-19-85, Cl. 427-38.000.
- Jellinek, Thomas, to Commonwealth Scientific and Industrial Research Organization. Compositions for the treatment of textile materials. 4,520,143, 5-28-85, Cl. 523-410.000.
- Jelling, Murray: *See—*
  - Stockel, Richard F.; and Jelling, Murray, 4,499,077, Cl. 424-149.000.
- Jelvestam, Roland E.; and Bergstrom, Par-Halan. Device for measuring concentration of particles conveyed by a liquid. 4,492,868, 1-8-85, Cl. 250-345.000.
- Jemec, Raoul: *See—*
  - Zollinger, Max; and Jemec, Raoul, 4,537,671, Cl. 204-243.00R.
- JENAer Glaswerk Schott & Gen.: *See—*
  - Gunthner, Frantz, 4,515,621, Cl. 65-171.000.
  - Kiefer, Werner; and Stetter, Klaus, 4,516,999, Cl. 65-116.000.
  - Scheidler, Herwig, 4,492,217, Cl. 126-39.00B.
- Jenck, Jean, to Rhone-Poulenc Chimie de Base. Preparation of alkyl adipates. 4,508,917, 4-2-85, Cl. 560-204.000.
- Jenck, Jean, to Rhone Poulenc Chimie de Base. Carbonylation of monoolefins. 4,521,614, 6-4-85, Cl. 560-193.000.
- Jenck, Jean, to Rhone-Poulenc Chimie de Base. Recovery of palladium values from carbonylation reaction medium. 4,522,760, 6-11-85, Cl. 260-410.90R.
- Jenck, Jean, to Rhone-Poulenc Chimie de Base. Preparation of linear esters by carbonylation of monoolefins. 4,539,424, 9-3-85, Cl. 560-204.000.
- Jencks, Charles L.; and Castonguay, Roger N., to General Electric Company. Latch release mechanism for molded case electric circuit breakers. 4,550,300, 10-29-85, Cl. 335-16.000.
- Jencks, Charles L.: *See—*
  - Castonguay, Roger N.; and Jencks, Charles L., 4,553,119, Cl. 335-147.000.
- Jenczewski, Theodore J.; and Skinner, William H., Jr., to Allied Corporation. Electrodialytic methods for removal of sulfur oxides from waste gases. 4,552,635, 11-12-85, Cl. 204-182.400.
- Jenekhe, Samson A.; and Fure, Barbara J., to Honeywell Inc. Electrically conducting complexes of poly (3,6-N-alkylcarbazolyl alkenes) and method of making. 4,548,738, 10-22-85, Cl. 252-500.000.
- Jenekhe, Samson A.: *See—*
  - Wellinghoff, Stephen T.; Jenekhe, Samson A.; and Kedrowski, Thomas J., 4,499,008, Cl. 252-500.000.
- Jeneric Industries, Inc.: *See—*
  - Prasad, Arun, 4,518,564, Cl. 420-464.000.
  - Prasad, Arun; and Day, Grant P., 4,530,664, Cl. 433-207.000.
  - Prasad, Arun, 4,539,177, Cl. 420-463.000.
- Jenglo Engineering, Inc.: *See—*
  - Jaenson, Howard W., 4,515,004, Cl. 72-388.000.
- Jeninga, John. Golf ball retriever. 4,493,503, 1-15-85, Cl. 294-19.00A.
- Jenison, Richard B. Coaster with removable support plate. 4,546,946, 10-15-85, Cl. 248-346.100.
- Jenkins, Anthony W.: *See—*
  - Newman, Peter M.; and Jenkins, Anthony W., 4,515,805, Cl. 514-460.000.
- Jenkins, Arthur E. O., to Distillation Technology Limited. Mass transfer apparatus. 4,496,430, 1-29-85, Cl. 202-158.000.
- Jenkins, Curlee. Dog drip unit. 4,502,417, 3-5-85, Cl. 119-95.000.
- Jenkins, David C.: *See—*
  - Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., 4,528,922, Cl. 112-262.300.
  - Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., 4,530,295, Cl. 112-121.120.
- Jenkins, Derek K. Polymerization of conjugated dienes. 4,520,177, 5-28-85, Cl. 526-151.000.
- Jenkins, Donald, to Astoria Fibra-Steel, Inc. Gasket-sealed molded door and framing member therefor. 4,554,764, 11-26-85, Cl. 49-501.000.
- Jenkins, Evans M., to Apollo Chemical Corporation. Transfer printing process for cellulose fabric. 4,492,584, 1-8-85, Cl. 8-471.000.
- Jenkins, Garry W. Smokers equipment. 4,534,369, 8-13-85, Cl. 131-235.100.
- Jenkins, Harold E.: *See—*
  - Thompson, Lionel D.; Jenkins, Harold E.; Hickerson, Richard A.; and Weaver, Russell E., 4,493,303, Cl. 123-357.000.
- Jenkins, James O. M.; and Gardner, Nigel C., to Siliconix Limited. Bridge rectifier circuit. 4,535,203, 8-13-85, Cl. 179-81.00R.
- Jenkins, John F. Body cooling device. 4,545,379, 10-8-85, Cl. 128-399.000.
- Jenkins, John M., III; Jones, Russell L.; Jones, Thomas M.; and Beret, Samil, to Union Carbide Corporation. Fluidized bed reaction systems. 4,543,399, 9-24-85, Cl. 526-70.000.
- Jenkins, John M., III: *See—*
  - Fulks, Bernard D.; Sawin, Steven P.; Aikman, Collin D.; and Jenkins, John M., III, 4,532,311, Cl. 526-62.000.
- Jenkins, Lawrence F.: *See—*
  - Larson, Jay M.; Jenkins, Lawrence F.; and Belmore, James E., 4,547,229, Cl. 148-134.000.
- Jenkins Metal Corporation: *See—*
  - Jenkins, Robert B., Jr., 4,502,185, Cl. 19-95.000.
- Jenkins, Patrick A.; and Ferguson, Donald A., to Borg-Warner Corporation. Valve testing system utilizing an artificial atmosphere. 4,515,012, 5-7-85, Cl. 73-168.000.

Jenkins, Patrick A., to Borg-Warner Corporation. Differential pressure sensor. 4,555,952, 12-3-85, Cl. 73-861.470.
Jenkins, Patrick A., to Borg-Warner Corporation. Motorized flow control valve. 4,561,408, 12-31-85, Cl. 123-571.000.
Jenkins, Patrick A.: *See—*
Aubel, John A.; Jenkins, Patrick A.; and Ruffner, Thomas S., 4,529,346, Cl. 411-117.000.
Jenkins, Richard L.; Pettus, John A.; and Abner, David K., to Getty Synthetic Fuels, Inc. Instrument and process for testing landfill gas for chlorinated hydrocarbons. 4,521,225, 6-4-85, Cl. 55-18.000.
Jenkins, Robert B., Jr., to Jenkins Metal Corporation. Screen for carding machines. 4,502,185, 3-5-85, Cl. 19-95.000.
Jenkins, Robert D., to Reilich, David G.; and Quinn, Jeffrey J., part interest to each. Picture frame assembly. 4,516,341, 5-14-85, Cl. 40-152.000.
Jenkins, Robert G.; and Shinn, Dennis B., to GTE Products Corporation. Method for reducing striations in fused silica. 4,523,939, 6-18-85, Cl. 65-32.000.
Jenkins, Scott A.; and Sparks, Joseph B., to University of California, The Regents of the. Method and apparatus for impeding sediment deposition in harbors and navigation channels. 4,560,304, 12-24-85, Cl. 405-74.000.
Jenkins, Scott A.: *See—*
Bailard, James A.; and Jenkins, Scott A., 4,506,686, Cl. 134-57.00R.
Jenkins, Stuart M.: *See—*
Dixon, Christopher J.; and Jenkins, Stuart M., 4,506,880, Cl. 271-263.000.
Wood, John; Tinson, Christopher M.; and Jenkins, Stuart M., 4,516,899, Cl. 414-330.000.
Jenkins, Thomas E., to General Electric Company. Method of assembling a rack-supporting channel and stop. 4,535,524, 8-20-85, Cl. 29-453.000.
Jenkins, Walter N., to National Research Development Corporation. Arc deposition of metal onto a substrate. 4,547,391, 10-15-85, Cl. 427-37.000.
Jenkins, William M.: *See—*
Hunt, Ronald E.; and Jenkins, William M., 4,506,881, Cl. 271-277.000.
Jenkner, Karl; Steiner, Karl; and Wolf, Robert, to J. M. Voith GmbH. Apparatus for removing condensate from a steam heated rotatable drying cylinder and the like. 4,501,075, 2-26-85, Cl. 34-125.000.
Jenks, Earl D., to JENKSystems, Inc. Contour line scanner. 4,541,722, 9-17-85, Cl. 356-376.000.
JENKSystems, Inc.: *See—*
Jenks, Earl D., 4,541,722, Cl. 356-376.000.
Jenne, Gustav. Driving head for pneumatic pile drivers. 4,508,181, 4-2-85, Cl. 175-19.000.
Jenneman, Gary E.: *See—*
McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,522,261, Cl. 166-246.000.
McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,558,739, Cl. 166-246.000.
Jenner, Frank H.: *See—*
Smith, John L.; and Jenner, Frank H., 4,536,051, Cl. 339-117.00P.
Jenner, Michael R.: *See—*
Hough, Leslie; Phadnis, Shashikant P.; Khan, Riaz A.; and Jenner, Michael R., 4,549,013, Cl. 536-122.000.
Jennette, William S. Pull plow with pull handles and runners and automobile selectively attached to plow. 4,512,415, 4-23-85, Cl. 172-360.000.
Jennie, Fred, to Weatherby, Inc. Mechanism providing positive safety with bolt locked. 4,516,466, 5-14-85, Cl. 89-145.000.
Jennings, Bobby D.: *See—*
Pike, Jesse L.; and Jennings, Bobby D., 4,525,949, Cl. 43-57.300.
Jennings, Charles E.; Barrington, Claud C.; Chen, Lien-Yan; Hopkins, Bob C.; McIntyre, John N.; and Regitz, Alfred P., to FMC Corporation. Valve stem-to-bonnet backseat. 4,510,960, 4-16-85, Cl. 137-75.000.
Jennings, Charles E.; Bridges, Charles D.; and King, Warren D., to Gray Tool Company. Fire-safe surface-controlled subsurface safety valve control line/wellhead connector and blowout preventer. 4,553,589, 11-19-85, Cl. 166-53.000.
Jennings, James K., Jr.: *See—*
Winter, Roger D.; and Jennings, James K., Jr., 4,561,526, Cl. 190-115.000.
Jennings, John Edward: *See—*
Reid, James B., 4,503,723, Cl. 74-96.000.
Jennings, Kenneth L.: *See—*
Jennings, Paul D.; and Jennings, Kenneth L., 4,522,313, Cl. 221-1.000.
Jennings, Paul D.; and Jennings, Kenneth L. Article dispenser. 4,522,313, 6-11-85, Cl. 221-1.000.
Jennings, Robert M.: *See—*
Karns, Albert L.; and Jennings, Robert M., 4,506,597, Cl. 99-295.000.
Jennings, Thomas P., to Kidde Recreation Products, Inc. Compound bow with improved limb tip hanger. 4,561,413, 12-31-85, Cl. 124-23.00R.
Jennings, William B.; Kozlowski, Robert M.; and Hayes, Richmond S., Jr., to Carrier Corporation. Tube support assembly for a heat exchanger. 4,492,269, 1-8-85, Cl. 165-172.000.
Jennings, William B.; Shelton, Edward B.; and Hayes, Richmond S., Jr., to Carrier Corporation. Combination compressor support and drain pan. 4,513,586, 4-30-85, Cl. 62-263.000.
Jennings, William S.; and Fegraus, Clark E., to Clayton Manufacturing Company. Method and apparatus for supplying feedwater to a forced flow boiler. 4,541,365, 9-17-85, Cl. 122-451.00R.
Jennmar Corporation: *See—*
Calandra, Frank, Jr., 4,516,885, Cl. 405-261.000.
Calandra, Frank, Jr., 4,518,292, Cl. 411-82.000.
Jenny, Ernst; Mayer, Andreas; and Moser, Peter, to BBC Brown, Boveri & Company, Limited. Method of supercharging internal combustion engines using exhaust turbochargers with variable exhaust gas swallowing capacity. 4,513,571, 4-30-85, Cl. 60-603.000.
Jenny, Ernst; and Zumstein, Bruno, to BBC Brown, Boveri & Company, Limited. Method and apparatus for regulating a bypass flow of a supercharged internal combustion engine. 4,559,784, 12-24-85, Cl. 60-606.000.
Jenny, Robert W.: *See—*
Gupta, Alankar; Jenny, Robert W.; and Malone, Frank L., 4,506,851, Cl. 244-129.100.
Jenoptik Jena G.m.b.H.: *See—*
Heinze, Rudi; Roder, Rolf; and Feist, Wieland, 4,504,143, Cl. 356-5.000.
Hentschel, Peter; Meyl, Wolfgang; and Seipelt, Egon, 4,494,870, Cl. 356-152.000.
Schorcht, Adelbrecht; Klingenfeld, Dietmar; Hesse, Reiner; Dastis, Rainer; and Linz, Volker, 4,496,970, Cl. 358-101.000.
Jeno's, Inc.: *See—*
Parson, Roger F.; Rosenquist, Kenneth G.; and Schmit, Justin M., 4,513,918, Cl. 241-101.400.
Schmit, Justin M.; and Luoma, Eugene H., 4,551,337, Cl. 426-94.000.
Jensen, Anton B. Apparatus having bottom air channels for air drying of grain in a drying store and for conveying the grain away from the store. 4,538,364, 9-3-85, Cl. 34-233.000.
Jensen, Arne. Transducer for the simultaneous measurement of different physiological quantities. 4,538,617, 9-3-85, Cl. 128-635.000.
Jensen, Arthur S.; and Stull, Keefer S., Jr., to Westinghouse Electric Corp. Integrated circuit for chip op/amp interface. 4,492,882, 1-8-85, Cl. 307-497.000.
Jensen, Borge: *See—*
Rasmussen, Ole-Bendt; and Jensen, Borge, 4,492,549, Cl. 425-131.100.
Jensen, Bruce A., to Phillips Petroleum Company. Control of a fractional distillation process. 4,498,916, 2-12-85, Cl. 62-21.000.
Jensen, Carl A.; and Rasmussen, Ib O., to C. C. Jensen A/S. Filtering device comprising one or more filtering elements consisting of filtering discs. 4,549,963, 10-29-85, Cl. 210-314.000.
Jensen Corporation: *See—*
Bosshart, John; and Allen, William W., 4,554,752, Cl. 38-61.000.
Jensen, Donald M.: *See—*
Royse, Vicki L.; and Jensen, Donald M., 4,559,120, Cl. 204-182.800.
Jensen, Ernst; Knappworst, Jurgen; and Stahlmann, Rudolf, to Dynamit Nobel Aktiengesellschaft. Training cartridge with synthetic resin projectile or dummy projectile. 4,508,036, 4-2-85, Cl. 102-444.000.
Jensen, Ernst: *See—*
Ballreich, Kurt; Jensen, Ernst; and Knappworst, Jurgen, 4,546,704, Cl. 102-444.000.
Jensen, Garold K. Comprehensive intruder-environmental hazard detection, control, and action system. 4,536,747, 8-20-85, Cl. 340-502.000.
Jensen, Gary L. Music stand for guitar player. 4,561,339, 12-31-85, Cl. 84-453.000.
Jensen, Gerald A.; Wesbey, William H.; and Riederer, Stephen J., to General Electric Company. Line-locked digital fluorography system. 4,496,985, 1-29-85, Cl. 358-111.000.
Jensen, Gerald A.; and Euteneuer, Charles L., to Pako Corporation. Photographic slide mounter. 4,543,771, 10-1-85, Cl. 53-520.000.
Jensen, Hans-Erik K.; Abildgaard, Niels; and Nielsen, Steen H., to Danfoss A/S. Ultrasonic measuring apparatus. 4,545,259, 10-8-85, Cl. 73-861.280.
Jensen, Harold A. Apparatus and method for forming apertures in film materials. 4,559,199, 12-17-85, Cl. 264-511.000.
Jensen, Henning, to Common Sense Products Pty. Ltd. Multiple service unit. 4,519,657, 5-28-85, Cl. 339-15.000.
Jensen, Jack E., to CVI Incorporated. Cryogenic refrigerator with gas spring loaded valve. 4,522,033, 6-11-85, Cl. 62-6.000.
Jensen, Jack E., to CVI Incorporated. Cryogenic refrigerator. 4,524,586, 6-25-85, Cl. 62-6.000.
Jensen, James K.; and Fox, Robert E., to Deere & Company. Foldable implement with transport latch. 4,529,043, 7-16-85, Cl. 172-776.000.
Jensen, James W.: *See—*
Haake, Joseph R.; Fowler, Tracy J.; and Jensen, James W., 4,496,417, Cl. 156-361.000.
Jensen, James W., Jr., to Adolph Coors Company. Die cut window laminating device. 4,549,917, 10-29-85, Cl. 156-108.000.
Jensen, Jens C., to Sophus Berendsen Marine A/S. Device for selectively locking and releasing a rope member extending therethrough. 4,541,149, 9-17-85, Cl. 24-134.00R.
Jensen, Jens C., to Pocal Industries, Inc. Practice projectile with variable range. 4,549,487, 10-29-85, Cl. 102-498.000.
Jensen, Jens C.: *See—*
Bisgaard, Hans F.; and Jensen, Jorgen D., 4,545,491, Cl. 215-11.00D.
Jensen, Jorgen D.: *See—*
Bisgaard, Hans F.; and Jensen, Jorgen D., 4,545,491, Cl. 215-11.00D.

Jensen, Kaj J., to Dansk Industri Syndikat A/S. Conveyor for the stepwise advance of a vertically parted boxless mould through a pouring and cooling zone. 4,540,036, 9-10-85, Cl. 164-323.000.
Jensen, Laurel H.: *See—*
  Lundahl, E. Cordell; Wiser, James G.; Thornley, W. Ray; and Jensen, Laurel H., 4,550,554, Cl. 56-294.000.
Jensen, Louis, to Farmatic Inc. Multiple roll roller mill. 4,545,541, 10-8-85, Cl. 241-145.000.
Jensen, Lyle B., to FMC Corporation. Heavy duty travel crane. 4,537,317, 8-27-85, Cl. 212-189.000.
Jensen, Maurice W.: *See—*
  Jaskolski, Stanley V.; Schutten, Herman P.; Spellman, Gordon B.; Sedivy, Jan K.; and Jensen, Maurice W., 4,516,144, Cl. 357-27.000.
Jensen, Neil B. Wheel chair with displaceable seat panel. 4,514,867, 5-7-85, Cl. 4-480.000.
Jensen, Niels D.; and Brunsgaard, Hans O., to Grundfos A/S. Piezoelectric level detector. 4,507,583, 3-26-85, Cl. 310-338.000.
Jensen, Niels D.; and Nielsen, Kurt F., to Grundfos A/S. Pumping plant. 4,516,915, 5-14-85, Cl. 417-365.000.
Jensen, Niels D.; Nielsen, Kurt F.; and Larden, Bent, to Grundfos A/S. Pumping sets. 4,518,318, 5-21-85, Cl. 417-53.000.
Jensen, Niels D.; and Nielsen, Kurt F., to Grundfos A/S. Pumping assemblies. 4,549,849, 10-29-85, Cl. 415-219.00R.
Jensen, Norman P.: *See—*
  Chang, Michael N.; Hammond, Milton L.; Jensen, Norman P.; McDonald, John; and Zambias, Robert A., 4,537,903, Cl. 514-456.000.
Jensen, Ole J.: *See—*
  Eisenhardt, Anne R.; and Jensen, Ole J., 4,544,455, Cl. 204-1.00T.
Jensen, Ole R., to E. R. Squibb & Sons, Inc. Ostomy pouch with reduced friction insert. 4,518,388, 5-21-85, Cl. 604-332.000.
Jensen, Ole R., to E. R. Squibb & Sons, Inc. Medical drainage bag and non-return valve assembly. 4,533,354, 8-6-85, Cl. 604-323.000.
Jensen, Ole R., to E. R. Squibb & Sons, Inc. Visual flow indicator. 4,543,095, 9-24-85, Cl. 604-246.000.
Jensen, Ove: *See—*
  Hansen, Frits U.; and Jensen, Ove, 4,550,746, Cl. 137-461.000.
Jensen, Paul L.: *See—*
  Mueller, Edward E.; and Jensen, Paul L., 4,518,350, Cl. 432-13.000.
Jensen, Philip W.: *See—*
  Stawski, Karl-Heinz; and Jensen, Philip W., 4,516,561, Cl. 126-25.00B.
Jensen, Poul F.: *See—*
  Christiansen, Tage; Imhof, Werner; Jensen, Poul F.; Kjaer, Jens B.; Kristiansen, Bjarne; Kristensen, Kjeld; and Pedersen, Bent, 4,499,109, Cl. 426-36.000.
Jensen, Richard: *See—*
  Jensen, Robert; and Jensen, Richard, 4,506,571, Cl. 83-104.000.
Jensen, Robert; and Jensen, Richard. Machine for removing book bindings. 4,506,571, 3-26-85, Cl. 83-104.000.
Jensen, Roger A. Screen printing apparatus and process comprising chamber with movable upper surface-squeegee combination. 4,545,300, 10-8-85, Cl. 101-123.000.
Jensen, Ronald K.: *See—*
  Zinbo, Mikio; Jensen, Ronald K.; and Johnson, Milton D., 4,554,085, Cl. 252-46.600.
Jensen, Ronald N.; and Walker, John A. Wind blade vibration eliminator for helicopters. 4,518,313, 5-21-85, Cl. 416-18.000.
Jensen, Ronald P.; and Allcroft, Arthur N., to Myocur, Inc. Disposable ophthalmic instrument for performing radial keratotomy on the cornea. 4,552,146, 11-12-85, Cl. 128-305.000.
Jensen, Steven C., to Minnesota Mining and Manufacturing Company. Adjusting apparatus for a doctor blade structure for copy machines. 4,556,307, 12-3-85, Cl. 355-3.00R.
Jensen, Susan: *See—*
  Wolfe, Saul; Westlake, Donald; and Jensen, Susan, 4,510,246, Cl. 435-183.000.
  Wolfe, Saul; Westlake, Donald; and Jensen, Susan, 4,536,476, Cl. 435-183.000.
Jensen, Thomas C., to Deere & Company. Tillage implement and improved gang assembly therefor. 4,492,272, 1-8-85, Cl. 172-178.000.
Jensen, Thomas H., to PPG Industries, Inc. Fiber forming bushing and method for using same. 4,525,188, 6-25-85, Cl. 65-1.000.
Jensen, Torkil D., to F. L. Smidth & Co. A/S. Bridge scraper for direct material feeding. 4,512,458, 4-23-85, Cl. 198-507.000.
Jensen, Uffe L.; and Mortensen, Sten, to A/S Niro Atomizer. Method and apparatus for drying a pulverulent or particulate product. 4,492,040, 1-8-85, Cl. 34-10.000.
Jensen, William: *See—*
  Lee, Kang I.; Jensen, William; and Cukor, Peter, 4,548,893, Cl. 430-296.000.
Jensen, William E., to Hughes Aircraft Company. CCD differentiator. 4,501,007, 2-19-85, Cl. 377-60.000.
Jentoft, Arthur P.; and Couture, Paul A., to Wasco Products, Inc. Thermal break skylight. 4,514,943, 5-7-85, Cl. 52-200.000.
Jentoft, Arthur P., to Wasco Products, Inc. Skylight sealing. 4,527,368, 7-9-85, Cl. 52-200.000.
Jentsch, Wolfgang, to Gebr. Bode & Co. GmbH. Device for securing the locked position of a motor-vehicle door. 4,545,149, 10-8-85, Cl. 49-255.000.
Jentzsch, Arndt: *See—*
  Forster, Karl-Heinz; Schuck, Helmut; Johne, Hans; and Jentzsch, Arndt, 4,510,867, Cl. 101-365.000.
  Johne, Hans; Jentzsch, Arndt; Doliner, Herbert; Frenzel, Werner; Forster, Karl-Heinz; and Naumann, Johannes, 4,539,907, Cl. 101-248.000.
Jeol Ltd.: *See—*
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  Naito, Motohiro, 4,521,687, Cl. 250-296.000.
  Nakagawa, Seiichi; and Norioka, Setsuo, 4,547,669, Cl. 250-310.000.
  Ohuchi, Muneki, 4,502,008, Cl. 324-311.000.
  Takagi, Toshijiro; and Watanabe, Eiji, 4,537,477, Cl. 350-507.000.
  Tokiwai, Moriyasu; Moriguchi, Sakumi; and Shinkawa, Takao, 4,553,030, Cl. 250-307.000.
  Tsuno, Katsushige; and Honda, Toshikazu, 4,520,264, Cl. 250-311.000.
Jeong, Seo Y.: *See—*
  Kim, Wan S.; Jeong, Seo Y.; and McRea, James C., 4,536,572, Cl. 536-179.000.
Jepmar: *See—*
  Rampe, John F., 4,520,598, Cl. 51-163.200.
Jeppsson, Jan-Bertil: *See—*
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Jepsen, David B., to Tandon Corporation. Magnetic disk memory power supply. 4,524,399, 6-18-85, Cl. 360-97.000.
Jepsen, John C., to Shell Oil Company. Two-phase flow splitter. 4,516,986, 5-14-85, Cl. 55-18.000.
Jepson, Robert M.: *See—*
  Cameto, L. Robert; and Jepson, Robert M., 4,506,511, Cl. 62-3.000.
Jer Manufacturing, Inc.: *See—*
  Mitchell, Terry L., 4,538,393, Cl. 52-641.000.
Jerabek, Charles F., to GTE Products Corporation. Bar evaporation source having improved wettability. 4,526,840, 7-2-85, Cl. 428-596.000.
Jerabek, Robert D.; Koren, Jeffrey G.; and Johnson, Mark W., to PPG Industries, Inc. Pigment grinding vehicle. 4,540,725, 9-10-85, Cl. 523-400.000.
Jerabek, Robert D.: *See—*
  Christenson, Roger M.; Scriven, Roger L.; Jerabek, Robert D.; Koren, Jeffrey G.; and Johnson, Mark W., 4,530,945, Cl. 523-400.000.
Jerberyd, Leif, to Nitro Nobel AB. Device for charging drillholes. 4,522,129, 6-11-85, Cl. 104-138.00G.
Jerde, James B.: *See—*
  Rosa, Eugene J.; and Jerde, James B., 4,503,707, Cl. 73-336.500.
Jerde, Leslie G.; Lory, Earl R.; Muething, Kevin A.; and Tsou, Len Y., to AT&T Technologies, Inc. Optical emission end point detector. 4,491,499, 1-1-85, Cl. 156-626.000.
Jeremic, Miodrag. Adjustable wrench. 4,520,699, 6-4-85, Cl. 81-166.000.
Jerge, Charles R.; Frankel, Bruce; and Zoll, Karl, to Hu-Friedy Manufacturing Co. Apparatus for organizing, sterilizing, and maintaining medical/dental instruments. 4,541,992, 9-17-85, Cl. 422-300.000.
Jergens, Inc.: *See—*
  Schron, Jack H.; and Seidel, Lawrence H., 4,511,127, Cl. 269-32.000.
Jerhammar, Lars O. Navigational aid device. 4,512,087, 4-23-85, Cl. 33-431.000.
Jernberg, Robert H., to Pressure Pak, Inc. Method of and apparatus for filling pressurized fluid containers. 4,557,300, 12-10-85, Cl. 141-5.000.
Jernigan, Robert T., to Dow Chemical Company, The. Purifying geothermal steam. 4,528,817, 7-16-85, Cl. 60-641.200.
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  Weglin, Walter, 4,497,686, Cl. 156-651.000.
Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, to Centre National de la Recherche Scientifique. Method of increasing the supraconductive critical temperature in quasi unidimensional organic supraconductors and new supraconductive compounds thus obtained. 4,517,121, 5-14-85, Cl. 260-239.00R.
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  Sheldon, Jerome F., 4,560,065, Cl. 206-427.000.
Jerome, Jonathan A.; Neu, Frank D.; and Wohlmut, Peter G., to Videonics of Hawaii, Inc. Information retrieval system and apparatus. 4,536,866, 8-20-85, Cl. 369-112.000.
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  Arendt, Paul N.; and Valencia, Vance I., 4,551,844, Cl. 373-12.000.
Jershin, James T. Fishing rod holder signalling device. 4,541,196, 9-17-85, Cl. 43-17.000.
Jerson, Donald D.; and Chance, James F., to Westinghouse Electric Corp. Polybutadiene VPI resin. 4,554,470, 11-19-85, Cl. 310-45.000.
Jerus, Paul: *See—*
  Clearfield, Abraham; and Jerus, Paul, 4,512,905, Cl. 252-62.200.
Jerzy, Ingo. Gravity separator for use in dental suction apparatus. 4,529,383, 7-16-85, Cl. 433-92.000.
Jes, Otto J., to Willamette Industries, Inc. Stackable container with locking lid. 4,497,408, 2-5-85, Cl. 206-509.000.
Jeschke, Willi, to Heidelberger Druckmaschinen AG. Device for zonewise metering of ink on an ink duct roller of an inking unit for printing presses. 4,502,387, 3-5-85, Cl. 101-365.000.
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  Durrnagel, Klaus; Jeschke, Willi; and Jahn, Hans-Georg, 4,534,289, Cl. 101-348.000.

- Jesinsky, Edward G., Jr. Excessive pronation correcting device. 4,530,173, 7-23-85, Cl. 36-92.000.
- Jeskey, Richard V., to Incom, Inc. Optical fiber light filter using elongated radiation absorbing elements. 4,533,210, 8-6-85, Cl. 350-96.300.
- Jespersen, Paul W., to Georgia-Pacific Corporation. Method and apparatus for dispensing web material from split core rolls. 4,522,346, 6-11-85, Cl. 242-55.300.
- Jess, Thurman S., to Cormed, Inc. Integral tube-loading assembly for peristaltic pump. 4,500,269, 2-19-85, Cl. 418-45.000.
- Jesse, Erich: *See—*
  - Michel, Hartmut; Gademann, Lothar; and Jesse, Erich, 4,539,492, Cl. 307-315.000.
- Jesse, Jerry F.: *See—*
  - Koschak, Matthew; Super, Scott S.; and Jesse, Jerry F., 4,501,798, Cl. 428-349.000.
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- Jessee, Ralph D., to Westinghouse Electric Corp. Inverter firing control with pulse averaging error compensation. 4,502,105, 2-26-85, Cl. 363-41.000.
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- Jessel, Alfred J., to Chevron Research Company. Method and apparatus for minimum knock operation of an internal combustion engine on low knock-rated fuel. 4,541,383, 9-17-85, Cl. 123-435.000.
- Jesseman, Rodney J., to Armco Inc. Low alloy steel plate and process for production thereof. 4,534,805, 8-13-85, Cl. 148-12.300.
- Jessen, Jens C.; and Hasenauer, Dieter, to Brown, Boveri & Cie AG. High-temperature storage battery. 4,546,056, 10-8-85, Cl. 429-149.000.
- Jessen, Jens-Christian: *See—*
  - Lucke, Hans-Hermann; and Jessen, Jens-Christian, 4,497,879, Cl. 429-62.000.
- Jessop, Harvey A., to IRECO Incorporated. Cast emulsion explosive composition. 4,548,659, 10-22-85, Cl. 149-18.000.
- Jessop, Harvey A., deceased: *See—*
  - Abegg, M. Taylor; Peterson, John A.; Jessop, Harvey A., deceased; and Lavery, Ormond F., personal representative, 4,552,597, Cl. 149-2.000.
- Jessup, Peter J.: *See—*
  - Holstedt, Richard A.; Baron, Kenneth; and Jessup, Peter J., 4,511,516, Cl. 260-462.00R.
  - Holstedt, Richard A.; and Jessup, Peter J., 4,533,480, Cl. 252-46.400.
  - Holstedt, Richard A.; and Jessup, Peter J., 4,557,843, Cl. 252-46.400.
- Jessup, Thurman W.: *See—*
  - Shutt, Donald P.; and Jessup, Thurman W., 4,531,429, Cl. 74-792.000.
- Jester, James M. Water bed sheet anchoring apparatus. 4,521,970, 6-11-85, Cl. 33-180.00R.
- Jester, Michael H. Illuminated light switch plate with LED and oscillator circuit. 4,514,789, 4-30-85, Cl. 362-95.000.
- Jester, Terry L., to Dana Corporation. Transmission and range box control. 4,561,325, 12-31-85, Cl. 74-745.000.
- Jester, Willi; and Kruger, Heinrich, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Milling cutter. 4,519,731, 5-28-85, Cl. 407-46.000.
- Jestin, Yvon: *See—*
  - Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,505,879, Cl. 422-197.000.
  - Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,518,811, Cl. 568-943.000.
- Jet AER Corporation: *See—*
  - Friedman, Harry; Sengoku, Isao; Hattori, Yukiro; and Isikawa, Minoru, 4,535,539, Cl. 30-161.000.
- Jet Research Center, Inc.: *See—*
  - Leidel, David J., 4,519,313, Cl. 102-310.000.
  - Regalbuto, John A.; Christopher, Glenn B.; and Motley, Jerry D., 4,505,018, Cl. 29-432.000.
  - Regalbuto, John A., 4,534,423, Cl. 175-4.600.
  - Regalbuto, John A.; and Dines, Jack E., 4,537,255, Cl. 166-297.000.
  - Regalbuto, John A.; and Christopher, Glenn B., 4,559,890, Cl. 114-230.000.
- Jet Spray Corp.: *See—*
  - Brown, Merle S.; and Arzberger, William A., 4,537,332, Cl. 222-190.000.
- Jeter, Jack W., to Jeter Systems Corporation. Split label index tab. 4,520,055, 5-28-85, Cl. 428-55.000.
- Jeter, John D.; and More, Henry S., to Exploration Logging, Inc. Well logging apparatus with replaceable sensor carrying insulating sleeve disposed in rotation restrained position around a drill string. 4,494,072, 1-15-85, Cl. 324-347.000.
- Jeter Systems Corporation: *See—*
  - Jeter, Jack W., 4,520,055, Cl. 428-55.000.
- Jetform Heisskanalnormalien und Zubehor GmbH, Firma: *See—*
  - Schulte, Wolfgang, 4,492,555, Cl. 425-548.000.
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  - Arter, William L.; and Williams, Foster R., 4,511,785, Cl. 219-124.340.
- Jett, William B., Jr.; and Wilcox, Milton E., to National Semiconductor Corporation. MOS gain controlled amplifier. 4,520,324, 5-28-85, Cl. 330-285.000.
- Jette, Paul M., to Del West Engineering, Inc. Girdle assembly for stud mounted rocker arms. 4,561,392, 12-31-85, Cl. 123-90.430.
- Jetter, Hans, to Bizerba-Werke Wilhelm Kraut GmbH & Co. KG. Force measuring device. 4,505,345, 3-19-85, Cl. 177-211.000.
- Jetter, Heinz: *See—*
  - Jetter, Rudolf; and Jetter, Heinz, 4,537,838, Cl. 429-9.000.
- Jetter, Rudolf; and Jetter, Heinz, to Hartag AG. System with several panels containing photoelectric elements for the production of electric current. 4,537,838, 8-27-85, Cl. 429-9.000.
- Jeuch, Pierre, to Commissariat a l'Energie Atomique. Process for positioning an interconnection line on an electrical contact hole of an integrated circuit. 4,505,030, 3-19-85, Cl. 29-591.000.
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- Jeuch, Pierre, to Commissariat a l'Energie Atomique. Process for the positioning of an interconnection line on an electrical contact hole of an integrated circuit. 4,541,892, 9-17-85, Cl. 156-643.000.
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- Jeumont-Schneider Corporation: *See—*
  - Avril, Pierre, 4,494,450, Cl. 98-42.020.
  - Brulard, Michel C., 4,555,652, Cl. 318-375.000.
  - Camus, Etienne, 4,559,460, Cl. 307-592.000.
  - Delloye, N., 4,505,872, Cl. 376-203.000.
  - Drevet, Michel; and Trouillet, Jean, 4,541,773, Cl. 415-111.000.
  - Gabillet, Jean-Francois, 4,555,791, Cl. 375-58.000.
  - Guedj, F.; Defaucheux, J.; and Wiart, A., 4,508,984, Cl. 310-14.000.
  - Le Comte, Michel, 4,529,172, Cl. 254-134.3FT.
  - Paeye, Gerard F., 4,531,384, Cl. 62-477.000.
  - Salmon, Jean P., 4,508,298, Cl. 246-167.00R.
  - Simon, Daniel, 4,530,567, Cl. 350-96.200.
  - Timmermans, Francis, 4,529,168, Cl. 251-210.000.
  - Trouillet, Jean, 4,515,495, Cl. 403-336.000.
  - Wiart, Albert; and Paeye, Gerard, 4,509,337, Cl. 62-235.100.
  - Wiart, Albert, 4,518,908, Cl. 318-723.000.
- Jeunet, Guy: *See—*
  - Boichut, Philippe; and Jeunet, Guy, 4,533,194, Cl. 339-91.00R.
- Jeviti Pty. Limited: *See—*
  - Marchant, John, 4,539,913, Cl. 108-7.000.
- Jevne, Allan H.: *See—*
  - Cahalan, Patrick T.; Jevne, Allan H.; and Fogt, Eric J., 4,519,973, Cl. 264-267.000.
- Jevnikar, Mary G.; and Kuch, Philip L., to Standard Oil Company, The. Process for the production of hydrogen and carbonyl sulfide from hydrogen sulfide and carbon monoxide using a multi-metal oxide/sulfide catalyst. 4,500,505, 2-19-85, Cl. 423-416.000.
- Jevons, Lyle O., Jr.: *See—*
  - Harris, Craig W.; Jevons, Lyle O., Jr.; and Loskorn, Richard A., 4,494,194, Cl. 364-200.000.
- Jeweler's Safe Company, Inc.: *See—*
  - Webb, James V., Jr., 4,557,201, Cl. 109-45.000.
- Jewell, Daniel E. Float valve apparatus for soil percolation measurements. 4,561,290, 12-31-85, Cl. 73-38.000.
- Jewell, Donald K.: *See—*
  - Schindler, James C.; and Jewell, Donald K., 4,512,250, Cl. 99-425.000.
- Jewer, Alan A., to News Log International, Inc. Method for formatting optically encoded digital data on a substrate and the data record carrier formed thereby. 4,519,054, 5-21-85, Cl. 369-30.000.
- Jewer, Alan A., to News Log International, Inc. Method for optically encoding digital data on a substrate and the data record carrier formed thereby. 4,532,616, 7-30-85, Cl. 369-44.000.
- Jewer, Alan A., to News Log International, Inc. Coded data on a record carrier and method for encoding same. 4,534,031, 8-6-85, Cl. 371-38.000.
- Jewett, Bryce D. Tooth rest for cutter grinder. 4,531,328, 7-30-85, Cl. 51-238.00T.
- Jewish Employment and Vocational Service: *See—*
  - Zimmerman, Bonnie L.; Gannaway, Thomas W.; Resinski, Lawrence J.; and Devita, Philip S., 4,541,806, Cl. 434-258.000.
- Jezbera, Val K., to Dataproducts Corporation. Method of making a hammer bank assembly. 4,497,110, 2-5-85, Cl. 29-602.00R.
- Jezbera, Venda. Digital menstrual cycle indicator. 4,527,906, 7-9-85, Cl. 368-107.000.
- Jezo, Maurice L.; and Lu, Ning H., to International Telephone and Telegraph Corporation. Arrangement to provide an accurate time-of-arrival indication for a received signal. 4,559,606, 12-17-85, Cl. 364-728.000.
- Jezuit, Leslie J.: *See—*
  - Eggers, Frederick W.; and Jezuit, Leslie J., 4,530,037, Cl. 362-35.000.
- JFEC Corporation & Associates: *See—*
  - Foster, James O., 4,555,057, Cl. 236-94.000.
- JGC Corporation: *See—*
  - Maeda, Katsutoshi; and Shimoda, Ikuo, 4,534,535, Cl. 248-636.000.
  - Maeda, Keikichi; and Iijima, Takahiro, 4,532,109, Cl. 422-240.000.
  - Maeda, Keikichi; Iijima, Takahiro; and Sato, Eiichi, 4,536,455, Cl. 428-629.000.
  - Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.
  - Shibata, Setsuo; Koshiba, Yukihiko; Hamamoto, Yoshito; Kugai, Katsutoshi; Kawashima, Akiro; and Fujisawa, Hiroshi, 4,540,490, Cl. 210-323.200.

  Watanabe, Keiichiro; Yamada, Tomiaki; Sazanami, Tsuneo; and Asahara, Eiko, 4,562,154, Cl. 435-162.000.
  Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.
JGR Enterprises, Inc.: *See—*
  Harshbarger, Harry F.; Kurz, John L.; and Young, Patrick J., 4,534,192, Cl. 70-118.000.
Jha, Mahesh C.: *See—*
  Kramer, Marcy J.; Warneke, William C.; Meyer, Gustavo A.; and Jha, Mahesh C., 4,497,779, Cl. 423-72.000.
JHD Holding, Ltd.: *See—*
  Dirks, Johann H., 4,541,630, Cl. 273-144.00B.
Jialanella, Gary L., to Loctite Corporation. Method and composition for repairing rear window defoggers. 4,526,811, 7-2-85, Cl. 427-108.000.
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Jiandani, Niranjan T., to Spirax Sarco, Inc. Bellows-actuated thermostatic steam traps. 4,560,105, 12-24-85, Cl. 236-58.000.
Jiang, Ching-Lin, to Mostek Corporation. Control of serial memory. 4,535,427, 8-13-85, Cl. 365-205.000.
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Jibu, Mitsuo, to Sharp Kabushiki Kaisha. Solar powered circuit having CMOS and bipolar transistors. 4,523,217, 6-11-85, Cl. 357-43.000.
Jido, Morio, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for spray combination of liquids and apparatus therefor. 4,508,265, 4-2-85, Cl. 239-3.000.
Jidosha Denki Kogyo Kabushiki Kaisha: *See—*
  Hirano, Koki, 4,559,484, Cl. 318-443.000.
  Kobayashi, Kyoji; Kato, Masaru; and Fujisawa, Koichi, 4,542,325, Cl. 318-483.000.
  Sasaki, Ichiro; Tsutsui, Yujiro; Inoue, Masaru; and Kase, Toru, 4,502,718, Cl. 292-336.300.
Jidosha Kiki Co., Ltd.: *See—*
  Arino, Masao; and Koyama, Teruo, 4,492,249, Cl. 137-515.000.
  Endoh, Kazunori; and Suzuki, Haruo, 4,512,237, Cl. 91-369.00A.
  Hatanaka, Koji; and Takizawa, Tozo, 4,549,071, Cl. 219-270.000.
  Hibino, Sadanobu, 4,495,854, Cl. 91-438.000.
  Kajikawa, Hiromi; and Sugita, Masao, 4,535,519, Cl. 26-157.10R.
  Kobayashi, Michio, 4,524,584, Cl. 60-554.000.
  Kobayashi, Michio, 4,535,591, Cl. 60-554.000.
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  Kobayashi, Michio; and Tsuyuki, Yasuo, 4,546,691, Cl. 91-376.00R.
  Koike, Ichiro, 4,546,786, Cl. 137-117.000.
  Kumekawa, Kazuhisa; and Ando, Shinichi, 4,561,274, Cl. 72-54.000.
  Masuda, Kosaku; and Tashiro, Shuichirow, 4,505,649, Cl. 417-300.000.
  Nikaido, Masaya, 4,538,966, Cl. 417-288.000.
  Okada, Kunio; Takeshima, Sadao; and Tashiro, Shuichirow, 4,502,504, Cl. 137-544.000.
  Sakaguchi, Shozo; and Yanagi, Kunio, 4,558,798, Cl. 220-256.000.
  Shimamura, Morihiko, 4,506,592, Cl. 92-101.000.
  Shimamura, Morihiko; and Uyama, Shintaro, 4,508,009, Cl. 91-376.00R.
  Suzuki, Isao; and Abe, Kenichi, 4,553,648, Cl. 188-273.000.
  Takeshima, Sadao; and Ohe, Takeshi, 4,549,627, Cl. 180-142.000.
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Jim Walter Corporation: *See—*
  Koenig, Alan R.; and Moon, Edward L., 4,507,197, Cl. 209-2.000.
Jim Walter Resources, Inc.: *See—*
  Hallmark, Richard K.; Skowronski, Michael J.; and Stephens, William D., 4,539,341, Cl. 521-172.000.
  Huck, William R., 4,548,087, Cl. 73-863.570.
  Londrigan, Michael E., 4,529,745, Cl. 521-137.000.
  White, Claude C.; and Carr, Frederick, 4,534,679, Cl. 405-261.000.
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  Ballard, James W., 4,538,508, Cl. 98-42.170.
Jimena, Carlos L. Electric stapler. 4,491,260, 1-1-85, Cl. 227-7.000.
Jimenez, Antonio; and Baruffa, Olindo, to Mefina S.A. Flexible support for an ironing press hinge. 4,490,930, 1-1-85, Cl. 38-32.000.
Jimenez, Hernan N.: *See—*
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Jimenez, Raul. Carriage for a trimming device. 4,512,143, 4-23-85, Cl. 56-16.700.
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  Hills, Joseph F., 4,513,405, Cl. 369-12.000.
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  Bordelon, Chester M.; Chin, Gilbert Y.; Jin, Sungho; Sherwood, Richard C.; and Wernick, Jack H., 4,540,453, Cl. 148-31.550.
Jinbo, Hiroyuki: *See—*
  Takahashi, Katsuhiro; Watanabe, Keiichi; Hoshihara, Naoto; and Jinbo, Hiroyuki, 4,548,835, Cl. 427-123.000.
Jinbo, Masahiro: *See—*
  Akaba, Hayao; Yamada, Takeshi; and Jinbo, Masahiro, 4,537,480, Cl. 351-235.000.
Jincks, Danny C.: *See—*
  Menke, W. Kenneth; and Jincks, Danny C., 4,543,622, Cl. 362-219.000.
Jinda, Akihito: *See—*
  Miyoshi, Shuji; Sugihara, Takashi; Jinda, Akihito; and Hijikigawa, Masaya, 4,520,341, Cl. 338-35.000.
Jinda, Kazuya: *See—*
  Ueno, Haruo; Ashitaka, Hidetomo; Jinda, Kazuya; and Nakajima, Kouichi, 4,504,639, Cl. 526-146.000.
Jinda, Takuma; Matsuda, Toshikazu; and Sakamoto, Masanori, to Director-General of the Agency of Industrial Science and Technology. Poly 2,2′-dichloro-4,4′-biphenylene pyromellitimide film. 4,530,993, 7-23-85, Cl. 528-353.000.
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Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., to McGraw-Edison Company. Microprocessor based recloser control. 4,535,409, 8-13-85, Cl. 364-481.000.
Jingu, Masaharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Adaptor for ultrasonic transducer probe. 4,491,137, 1-1-85, Cl. 128-660.000.
Jinguji, Kaname: *See—*
  Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.
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  Iwasaki, Kyuhachiro; Ameyama, Minoru; Ebi, Yutaka; Jinnai, Koichiro; and Sato, Tsutomu, 4,527,170, Cl. 346-75.000.
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  Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, 4,532,295, Cl. 524-827.000.
  Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, 4,560,724, Cl. 524-734.000.
  Eck, Herbert; and Jira, Reinhard, 4,542,184, Cl. 524-827.000.
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Jiruse, Jaroslav: *See—*
  Sedlak, Vaclav; and Jiruse, Jaroslav, 4,538,513, Cl. 101-76.000.
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  Inoue, Fumio; Jitsukata, Hiroshi; and Ando, Kunio, 4,507,585, Cl. 313-471.000.
JLG Industries, Inc.: *See—*
  Grove, John L.; Hockensmith, John L.; and Coffman, Allen B., 4,534,575, Cl. 280-6.110.
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  Mori, Takashi; Mizu, Kouichi; and Jo, Yasunori, 4,495,841, Cl. 81-430.000.
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Joannou, Constantinos J. Electronic air filter. 4,549,887, 10-29-85, Cl. 55-131.000.

- Joannou, Kyriacos; and Coots, William P., to Pericomp Corporation. Tape drive calibration meter. 4,506,309, 3-19-85, Cl. 360-137.000.
- Joas, Wolfgang: *See—*
  - Planck, Heinrich; and Joas, Wolfgang, 4,546,769, Cl. 128-335.500.
- Job, Robert C., to Shell Oil Company. Olefin polymerization catalyst compositions and polymerization process. 4,535,068, 8-13-85, Cl. 502-107.000.
- Job, Robert C.: *See—*
  - Goodall, Brian L.; and Job, Robert C., 4,548,915, Cl. 502-104.000.
- Jobanputra, Amit S.: *See—*
  - Codd, Roger D.; Sims, Ronald I.; Olive, Robert B.; and Jobanputra, Amit S., 4,558,281, Cl. 324-433.000.
- Jobbins, Jill M., to Allied Corporation. Pretreatment of plastic materials for metal plating. 4,528,245, 7-9-85, Cl. 428-457.000.
- Jobe, A. Louise. Parasite control bath unit. 4,510,889, 4-16-85, Cl. 119-159.000.
- Jobe, Howard L. Golf bag accessory. 4,512,465, 4-23-85, Cl. 206-315.400.
- Jobes, Sam S.: *See—*
  - Herz, Harold L.; Jobes, Sam S.; Jordan, John D.; Benfey, David P.; and Wheeler, William C., 4,531,181, Cl. 363-21.000.
  - Miller, Gary; Jobes, Sam S.; and Benfey, David P., 4,551,657, Cl. 315-399.000.
- Jobin, Georges F.: *See—*
  - de Palezieux, Jacques; and Jobin, Georges F., 4,498,529, Cl. 165-176.000.
- Jobsis, Frans F.; Keizer, Hans H.; and Overaker, Ronald F., to Duke University. Body-mounted light source-detector apparatus. 4,510,938, 4-16-85, Cl. 128-633.000.
- Jobsky, William G.: *See—*
  - Wolfe, Earle C., deceased; Jobsky, William G.; and Smith, Thomas P., 4,510,487, Cl. 340-566.000.
- Jobst Institute, Inc.: *See—*
  - Mummert, Thomas A., 4,561,343, Cl. 91-37.000.
- Jobst, Lothar, to BHS-Bayerische Berg-, Hutten- und Salzwerke Aktiengesellschaft. Apparatus for removing edge strips cut off in longitudinal slitting and grooving machines. 4,549,452, 10-29-85, Cl. 83-100.000.
- Jochemczyk, Claus; Kwiatkowski, Joachim; and Herrmann, Klaus, to Robert Bosch GmbH. Electrical temperature sensor, particularly for fever thermometer use. 4,538,927, 9-3-85, Cl. 374-163.000.
- Jochems, Pieter J. W., to U.S. Philips Corporation. Method of making semiconductor devices by forming an impurity adjusted epitaxial layer over out diffused buried layers having different lateral conductivity types. 4,535,529, 8-20-85, Cl. 29-571.000.
- Jochnick & Norrman Press AB: *See—*
  - Larsson, Gosta, 4,537,568, Cl. 418-202.000.
- Jochum, Peter; Hubner, Heijo; and Gasser, Oswald, to ESPE Fabrik Pharmazeutischer Praparate GmbH. Imidazole agent for retarding the polymerization of aziridine compounds. 4,532,268, 7-30-85, Cl. 523-109.000.
- Jochum, Peter, to Hilti Aktiengesellschaft. Stop device for a driving piston in a fastening member setting device. 4,533,077, 8-6-85, Cl. 227-156.000.
- Jochum, Peter, to Hilti Aktiengesellschaft. Setting device with a driving piston propelled by high pressure gases. 4,534,500, 8-13-85, Cl. 227-7.000.
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- Jochum, Peter: *See—*
  - Schmitt, Werner; Purrmann, Robert; and Jochum, Peter, 4,493,911, Cl. 523-109.000.
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- Jodal, Ildiko: *See—*
  - Szejtli, Jozsef; Liptak, Andras; Nanasi, Pal; Fugedi, Peter; Jodal, Ildiko; Kandra, Lili; and Janossy, Lorant, 4,542,211, Cl. 536-103.000.
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  - Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, 4,528,932, Cl. 116-204.000.
- Jodar, Francisco Y.; and Arcas, Agustin A., to D. Agustin Amador Arcas Y Nipor S.A. Incubator for piglets. 4,495,892, 1-29-85, Cl. 119-16.000.
- Jodden, Klaus; Heymer, Gero; and Stephan, Hans-Werner, to Hoechst Aktiengesellschaft. Process for making titanium dioxide concentrates. 4,517,163, 5-14-85, Cl. 423-75.000.
- Jodoin, Raymond C., to Rogers Corporation. Decoupled integrated circuit package. 4,502,101, 2-26-85, Cl. 361-386.000.
- Jodon Engineering Associates, Inc.: *See—*
  - Haddox, Mark L., 4,505,152, Cl. 73-117.200.
- Jodry, Dean L.: *See—*
  - Thompson, William I.; Welter, Mark F.; and Jodry, Dean L., 4,491,200, Cl. 187-61.000.
- Joel, George: *See—*
  - Radford, Leonard; and Joel, George, 4,529,250, Cl. 299-81.000.
- Joensen, Jon O., to Matcon Rodgivende Ingenirfirma ApS. Process for shucking and eviscerating scallops. 4,505,004, 3-19-85, Cl. 17-48.000.
- Joeres, Ulrich: *See—*
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- Joerns Healthcare, Inc.: *See—*
  - Peterson, Warren J., 4,545,084, Cl. 5-69.000.
- Joffe, Frederick M.; and Dysart, John K., to Procter & Gamble Company, The. Method of using a composite waste-containment garment having disposable elasticized insert. 4,496,360, 1-29-85, Cl. 604-397.000.
- Joffee, Irving B.: *See—*
  - Pall, David B.; Degen, Peter J.; Joffee, Irving B.; Foss, Warren M.; and Gsell, Thomas C., 4,523,995, Cl. 210-504.000.
- Joffre, Henri: *See—*
  - Bardoux, Raymond; and Joffre, Henri, 4,538,071, Cl. 250-505.100.
- Joh. A. Benckiser Wassertechnik GmbH: *See—*
  - Bellemann, Rudolf; Diehlmann, Rolf; Dobrocsi, Bela; and Wacker, Karl F., 4,549,961, Cl. 210-108.000.
- Joh. Friedrich Behrens AG: *See—*
  - Elliesen, Wolfgang, 4,509,669, Cl. 227-130.000.
- Joh. Vaillant GmbH & Co.: *See—*
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- Joh, Yasushi; Kaneko, Noriaki; and Nagase, Toshio, to Nippon Zeon Co. Ltd. Cannula. 4,508,535, 4-2-85, Cl. 604-282.000.
- Johann, James R. Steerable carriage for a sailboat. 4,498,683, 2-12-85, Cl. 280-16.000.
- Johann Knupp GmbH & Co.: *See—*
  - Berns, Harald, 4,534,501, Cl. 227-65.000.
- Johann Nicolaas Raubenheimer: *See—*
  - Raubenheimer, Johann N., 4,521,933, Cl. 15-1.700.
- Johannes Heidenhain GmbH: *See—*
  - Bayer, Erich; Beckerbauer, Anton; Flatscher, Georg; and Ullrich, Martin, 4,522,862, Cl. 428-195.000.
  - Ernst, Alfons, 4,495,700, Cl. 33-1.00N.
  - Ernst, Alfons, 4,530,159, Cl. 33-169.00R.
  - Ernst, Alfons, 4,549,356, Cl. 33-169.00R.
  - Feichtinger, Kurt, 4,530,160, Cl. 33-559.000.
  - Holstein, Siegbert, 4,534,113, Cl. 33-125.00R.
  - Vollmayr, Norbert, 4,534,004, Cl. 364-486.000.
- Johannes Menschner Maschinenfabrik GMBH & Co. KG: *See—*
  - Van Dijk, Alfonsius A. J., 4,498,240, Cl. 33-147.00L.
- Johannes, Virgil I., to AT&T Bell Laboratories. Bridging channel port module. 4,504,944, 3-12-85, Cl. 370-84.000.
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  - Bodenstein, Johannes J.; and Farrell, Leslie J., 4,543,122, Cl. 75-0.50B.
  - Muir, Colin W. A., 4,548,718, Cl. 210-719.000.
  - Muir, Colin W. A.; and Hendriks, Leonard P., 4,559,209, Cl. 423-30.000.
- Johannesson, Carl C. E.: *See—*
  - Tell, Lars E. K. A.; and Johannesson, Carl C. E., 4,560,438, Cl. 162-194.000.
- Johannesson, Lennart. Divided milling cutters. 4,552,496, 11-12-85, Cl. 409-209.000.
- Johanning, Hermann, to Engelbrecht & Lemmerbrock GmbH & Co. Apparatus for granulating and conveying corn-cob mix. 4,512,521, 4-23-85, Cl. 241-34.000.
- Johannsen, Donald R., to Carris, Bonni S. Apparatus for sharpening a knife blade or the like. 4,538,382, 9-3-85, Cl. 51-69.000.
- Johannsen, Friedrich: *See—*
  - Doebler, Klaus P.; Graf, Knut; Jager, Kurt E.; Johannsen, Friedrich; Ritz, Jurgen; and Saatweber, Dietrich, 4,543,375, Cl. 523-348.000.
- Johannsen, Karl: *See—*
  - Becker, Willi; and Johannsen, Karl, 4,493,660, Cl. 440-67.000.
- Johannson, Richard J., to Towmotor Corporation. Fork position retainer. 4,497,607, 2-5-85, Cl. 414-664.000.
- Johannson, Richard J., to Towmotor Corporation. Retention device for a load engaging member. 4,498,838, 2-12-85, Cl. 414-664.000.
- Johannson, Richard J., to Towmotor Corporation. Chain retention device. 4,526,251, 7-2-85, Cl. 187-9.00R.
- Johansen, Claus J.; Jark, Jens K.; and Stefansson, Thorvardur S., to Danfoss A/S. Magnetic valve for refrigeration plant. 4,523,739, 6-18-85, Cl. 251-139.000.
- Johansen, Kjell E. Motorized cart for berry-picking, weeding and the like. 4,526,248, 7-2-85, Cl. 180-89.100.
- Johanson, Donald L.: *See—*
  - Skakoon, James G.; Johanson, Donald L.; and Bonthron, Raymond J., 4,544,369, Cl. 604-155.000.
- Johanson, Edward W.; and August, Charles, to United States of America, Energy. Method and apparatus for measuring response time. 4,548,513, 10-22-85, Cl. 368-9.000.
- Johanson, Edwin S.; and Schuler, Paul D., to HRI, Inc. Hydrogenation process for solid carbonaceous feed materials using thermal counter-current flow reaction zone. 4,510,037, 4-9-85, Cl. 208-8.0LE.
- Johanson, Leonard T.; and Forrester, Harry L., to Dicken Manufacturing Company. Check valve. 4,535,808, 8-20-85, Cl. 137-543.000.
- Johansson, Allan A.: *See—*
  - Tournier, Herve; Johansson, Allan A.; Sachetto, Jean-Pierre; Armanet, Jean-Michel; Michel, Jean-Pierre; and Roman, Alain, 4,511,433, Cl. 162-16.000.
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- Johansson, Arne; and Ajslev, Sven, to A/S Nunc. Cell cultivation container. 4,546,085, 10-8-85, Cl. 435-284.000.
- Johansson, Bengt, to Maskingruppen 82 AB. Roof panel mounting clip. 4,514,952, 5-7-85, Cl. 52-713.000.
- Johansson, Bengt A.; and Brodin, Peter, to AccuRay Corporation. Apparatus for control of the slice opening on a slice lip on a headbox. 4,526,654, 7-2-85, Cl. 162-259.000.
- Johansson, Borje; Pramskog, Torbjorn; and Sandberg, Jan-Erik, to Forenade Fabriksverken. Pressure damper for recoilless weapons. 4,554,860, 11-26-85, Cl. 89-1.700.

- Johansson, Borje: *See—*
  - Eriksson, Sune; Johansson, Borje; and Santen, Sven, 4,548,621, Cl. 55-72.000.
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- Johansson, Curt R. Tool for fastening an elongated object on a supporting surface. 4,537,343, 8-27-85, Cl. 227-120.000.
- Johansson, Evert Martin. Joint element to support and secure shelves in a bookcase or stand, and a set of shelves employing said joint elements to support and secure the shelves between the uprights. 4,542,702, 9-24-85, Cl. 108-109.000.
- Johansson, Gustav A., to Danfoss A/S. Apparatus for conveying liquids. 4,554,791, 11-26-85, Cl. 62-55.000.
- Johansson, Gustav A., to Danfoss A/S. Valve apparatus for evacuating and/or filling a refrigeration system. 4,561,264, 12-31-85, Cl. 62-292.000.
- Johansson, Hans L., to Facit Aktiebolag. Locking assembly for restricting pivotal movement of a print unit to a position in which a print element can be replaced. 4,512,676, 4-23-85, Cl. 400-144.200.
- Johansson, Ingvar: *See—*
  - Nord, Dan; and Johansson, Ingvar, 4,507,202, Cl. 210-391.000.
- Johansson, Jan H.: *See—*
  - Schmidt, Henning M.; Malmkvist, Hans G.; Aksberg, Arvi J.; and Johansson, Jan H., 4,542,264, Cl. 179-111.00E.
- Johansson, Karl H.; and Severinsson, Anders S., to Telefonaktiebolaget LM Ericsson. Method and apparatus for functionally testing a laser rangefinder. 4,552,455, 11-12-85, Cl. 356-5.000.
- Johansson, Karl N.: *See—*
  - Hagberg, Curt-Erik; Johansson, Karl N.; Kovacs, Zsuzsanna M. I.; and Stening, Goran B., 4,495,190, Cl. 514-262.000.
- Johansson, Karl N. G.: *See—*
  - Helgstrand, Ake J. E.; Johansson, Karl N. G.; Misiorny, Alfons; Noren, Jan O.; and Stening, Goran B., 4,536,400, Cl. 514-120.000.
- Johansson, Kenneth L.: *See—*
  - Hallee, Donald O.; Lake, Harold; Johansson, Kenneth L.; and Graves, Thomas B., 4,527,271, Cl. 371-20.000.
- Johansson, Kjell. Mounting device. 4,545,425, 10-8-85, Cl. 165-89.000.
- Johansson, Kurt A.; and Marcusson, John-Eric, to Alnova Bygg Aktiebolag. Prefabricated balcony platform. 4,548,003, 10-22-85, Cl. 52-73.000.
- Johansson, Lars. Self-adjusting boat trailer cradle. 4,500,249, 2-19-85, Cl. 414-534.000.
- Johansson, Lars, to Integral Profilsystem Ab. Insulation of aluminum profiles in a fixture. 4,525,408, 6-25-85, Cl. 428-159.000.
- Johansson, Lars E., to Diab-Barracuda AB. Thermal/optical camouflage with controlled heat emission. 4,560,595, 12-24-85, Cl. 428-17.000.
- Johansson, Magnus: *See—*
  - Brynielsson, Thore; Tomasson, Tom; Ahlberg, Leif; and Johansson, Magnus, 4,536,004, Cl. 280-166.000.
- Johansson, Rolf A. G., to AB Electrolux Motor Aktiebolag. Arrangement in an i.c. engine. 4,491,105, 1-1-85, Cl. 123-335.000.
- Johansson, Soren; Andersson, Roger; and Jonsson, Lennart, to Stiga AB. Cone belt tightening device. 4,537,581, 8-27-85, Cl. 474-123.000.
- Johansson, Sune H.; and Gustavsson, John K. C., to Magnus Wilhelm AB. Device for compressing in particular aluminum cans. 4,501,198, 2-26-85, Cl. 100-98.00R.
- Johansson, Thomas, to KemaNord AB. Process for the production of silicon nitride. 4,530,825, 7-23-85, Cl. 423-344.000.
- Johansson, Uno: *See—*
  - Bergstrom, Hans R.; and Johansson, Uno, 4,505,145, Cl. 72-457.000.
- Johenning, John B.: *See—*
  - Hall, Charles P.; Philipson, Joseph; and Johenning, John B., 4,538,311, Cl. 5-451.000.
- Johl, Armin, to Karl Seeger Lederwarenfabrik GmbH. Document case. 4,522,047, 6-11-85, Cl. 70-69.000.
- Johler, Franz: *See—*
  - Hug, Franz; Johler, Franz; and Franke, Reimar, 4,497,327, Cl. 130-27.00T.
- John Blue Company, a Division of Burnley Corporation: *See—*
  - Johnston, Douglas, 4,519,542, Cl. 239-1.000.
- John Bodger & Sons Co.: *See—*
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- John D. Brush & Co., Inc.: *See—*
  - Beattie, Patrick J.; and Chase, David O., 4,541,545, Cl. 220-431.000.
- John Deere Technologies International, Inc.: *See—*
  - Jones, Charles; Gigon, Richard M.; and Blum, Edward J., 4,531,900, Cl. 418-61.00A.
- John, E. Roy. Self-normed brain state monitoring. 4,545,388, 10-8-85, Cl. 128-731.000.
- John, Erich; and Pollak-Banda, Erich, to Zahnraderfabrik Renk A.G. Hydrodynamic bearing assembly. 4,514,099, 4-30-85, Cl. 384-100.000.
- John, Erwin R., to New York University. Electroencephalographic system for intra-operative open-heart surgery. 4,557,270, 12-10-85, Cl. 128-731.000.
- John, Erwin R.: *See—*
  - Bergelson, Michael; Fridman, Jacob; and John, Erwin R., 4,493,327, Cl. 128-731.000.
- John Fluke Mfg. Co., Inc.: *See—*
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  - Eng, Benjamin, Jr., 4,511,856, Cl. 330-297.000.
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  - Faulkner, Neil P.; and Prue, Walter W., Jr., 4,541,065, Cl. 364-571.000.
  - George, Richard E., 4,556,867, Cl. 340-347.0NT.
  - Meyer, Donald G., 4,500,854, Cl. 331-117.00R.
  - Sherman, David M., 4,510,454, Cl. 330-2.000.
  - Wiesmann, Thomas W., 4,532,470, Cl. 324-76.00R.
- John, Glyn R.: *See—*
  - Birkett, Kevin; Scovell, Edward G.; and John, Glyn R., 4,493,876, Cl. 428-457.000.
- John, Gunter: *See—*
  - Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.
- John Harder & Co.: *See—*
  - Harder, John O.; McCandless, Doyle W.; and Peterson, Michael W., 4,532,689, Cl. 29-426.500.
- John, Heinrich R.; and Munk, Ulrich B., to AMP Incorporated. Connector having improved contact retainers. 4,548,461, 10-22-85, Cl. 339-217.00R.
- John, Heinz, deceased; and by John nee Ruffler, Friedlinde, heir, to Lindauer Dornier Gesellschaft mbH. Device for individually separating and aligning heddles for threading. 4,499,638, 2-19-85, Cl. 28-207.000.
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- John, Martin. Trawl shrimp cage. 4,509,286, 4-9-85, Cl. 43-9.000.
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  - John, Heinz, deceased; and John nee Rueffler, Friedlinde, Heir, 4,543,696, Cl. 28-206.000.
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  - John, Heinz, deceased; and John nee Rueffler, Friedlinde, heiress, 4,520,539, Cl. 28-206.000.
- John nee Ruffler, Friedlinde, heir: *See—*
  - John, Heinz, deceased; and John nee Ruffler, Friedlinde, heir, 4,499,638, Cl. 28-207.000.
- John P. Gnaedinger Research Corporation: *See—*
  - Gnaedinger, John P., 4,496,267, Cl. 404-82.000.
- John R. Nalbach Engineering Co., Inc.: *See—*
  - Nalbach, John C., 4,561,534, Cl. 198-400.000.
- John Thomas Batts, Inc.: *See—*
  - Blanchard, Russell O.; and Batts, John H., 4,556,158, Cl. 223-88.000.
- John Thurley Limited: *See—*
  - Arnold, Gerald D., 4,520,761, Cl. 122-31.00R.
- John, William W.; Pilgram, Kurt H.; and Martin, Mae E. F., to Shell Oil Company. Acylthio-substituted triazines. 4,528,027, 7-9-85, Cl. 71-93.000.
- John, William W.: *See—*
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- John, Willy; Klimaschka, Norbert; Wagner, Arno; and Meyer, Gunther, to Gebruder Netzsch Maschinenfabrik GmbH & Co. Agitator mill. 4,558,825, 12-17-85, Cl. 241-171.000.
- John Wyeth & Brother Limited: *See—*
  - Crossley, Roger, 4,506,082, Cl. 548-533.000.
  - Crossley, Roger, 4,539,406, Cl. 546-14.000.
  - Crossley, Roger; and Dickinson, Kay H., 4,546,187, Cl. 546-193.000.
  - Crossley, Roger, 4,547,510, Cl. 514-311.000.
  - Mughal, Ahmed S.; and Holmes, David S., 4,524,060, Cl. 424-19.000.
  - Mughal, Ahmed S., 4,532,253, Cl. 514-374.000.
  - Shephard, Robin G., 4,529,798, Cl. 546-93.000.
  - Shepherd, Robin G., 4,526,970, Cl. 546-169.000.
  - Ward, Terence J., 4,526,967, Cl. 546-95.000.
  - White, John F., 4,550,114, Cl. 514-294.000.
- John Zink Company: *See—*
  - Cegielski, John M., Jr.; Campbell, Gerald D.; and Schaub, Clyde D., 4,512,267, Cl. 110-347.000.
  - Martin, Richard R.; and Jaeger, Kurt S., 4,505,666, Cl. 431-175.000.
  - Reed, Robert D.; and Cegielski, John M., Jr., 4,534,300, Cl. 110-171.000.
  - Schwartz, Robert E.; and Keller, Michael R., 4,492,558, Cl. 431-4.000.
- Johna, Nobuo: *See—*
  - Hara, Noboru; Fukudome, Shinichi; Johna, Nobuo; and Nakamura, Masayoshi, 4,510,073, Cl. 252-383.000.
- Johne, Hans; Jentzsch, Arndt; Doliner, Herbert; Frenzel, Werner; Forster, Karl-Heinz; and Naumann, Johannes. Method and device for positioning printing cylinder and ink-applying rollers in a printing machine. 4,539,907, 9-10-85, Cl. 101-248.000.
- Johne, Hans: *See—*
  - Forster, Karl-Heinz; Schuck, Helmut; Johne, Hans; and Jentzsch, Arndt, 4,510,867, Cl. 101-365.000.
- Johns, David L., to Suncoast Medical Manufacturing Co. Pen light. 4,516,194, 5-7-85, Cl. 362-202.000.
- Johns Hopkins University, The: *See—*
  - Fischell, Robert E., 4,494,950, Cl. 604-66.000.
  - Fischell, Robert E.; Newman, Arnold L.; Riblet, Henry B.; and Powell, William R., 4,524,773, Cl. 128-419.00S.

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  - Hogrefe, Arthur F.; and Radford, Wade E., 4,561,443, Cl. 128-419.0PG.
  - Keller, Christian A., 4,544,840, Cl. 250-227.000.
  - Kitchin, David A., 4,545,030, Cl. 364-900.000.
  - Miller, Paul S.; and Ts'O, Paul O. P., 4,507,433, Cl. 525-54.110.
  - Miller, Paul S.; and Ts'O, Paul O. P., 4,511,713, Cl. 536-27.000.
  - Parker, John G.; and Stanbro, William D., 4,541,438, Cl. 128-664.000.
  - Potember, Richard S.; Poehler, Theodore O.; and Cowan, Dwaine O., 4,507,672, Cl. 357-8.000.
  - Prengaman, Richard J.; Thurber, Robert E.; Phipps, Joe; Greenberg, Ronald I.; Hom, Wai L.; Jaworski, James F.; and Riffle, Guy W., 4,550,318, Cl. 343-5.0PD.
  - Schneider, Wolfger; and Johns, Richard J., 4,546,436, Cl. 364-415.000.
  - Silver, David M.; and Dehaas, Newman, 4,496,073, Cl. 220-445.000.
  - Snyder, Solomon H.; and Gould, Robert J., 4,520,112, Cl. 436-504.000.
  - Strand, Mette, 4,530,908, Cl. 436-536.000.
- Johns, Kent I.; and Wohlmuth, Clinton J., to Cummins Engine Company, Inc. Hardfaced valves and method of making same. 4,529,169, 7-16-85, Cl. 251-356.000.
- Johns-Manville Corporation: *See—*
  - Sherman, Earle C.; and Green, James B. P., Jr., 4,519,181, Cl. 53-374.000.
- Johns, Owen L., to Howmedica, Inc. Wound dressing. 4,513,739, 4-30-85, Cl. 128-156.000.
- Johns, Richard J.: *See—*
  - Schneider, Wolfger; and Johns, Richard J., 4,546,436, Cl. 364-415.000.
- Johnscher, Gerd: *See—*
  - Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, 4,500,450, Cl. 260-112.00R.
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- Johnsen, Anders E. Coupling. 4,500,235, 2-19-85, Cl. 408-238.000.
- Johnsen & Jorgensen Jaypak Limited: *See—*
  - Maloney, John, 4,540,089, Cl. 206-219.000.
  - Maloney, John, 4,557,377, Cl. 206-219.000.
- Johnsen & Jorgensen (Plastics) Limited: *See—*
  - Davis, Eugene E.; and Searle, Richard J., 4,541,536, Cl. 215-252.000.
  - Davis, Eugene E., 4,555,035, Cl. 215-215.000.
- Johnsey, Walter F.: *See—*
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,508,183, Cl. 175-69.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,515,229, Cl. 175-337.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,540,055, Cl. 175-323.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,541,494, Cl. 175-228.000.
- Johnson, A. David, Jr.; Bachman, Joseph L., Jr.; Ginther, George E., Sr.; Zimmermann, Charles E.; and Johnson, Albert D., Sr., to Wayne Automation Corp. Method of carton flap relaxing. 4,551,126, 11-5-85, Cl. 493-453.000.
- Johnson, Alan L. Electro-optical solid-state SPDT relay switch. 4,521,693, 6-4-85, Cl. 307-252.00T.
- Johnson, Albert D., Sr.: *See—*
  - Johnson, A. David, Jr.; Bachman, Joseph L., Jr.; Ginther, George E., Sr.; Zimmermann, Charles E.; and Johnson, Albert D., Sr., 4,551,126, Cl. 493-453.000.
- Johnson, Alfred D. Two-way shape memory alloy heat engine. 4,490,976, 1-1-85, Cl. 60-527.000.
- Johnson, Allan S., to Tapmatic Corporation. Tapping attachment adapted for numerical computer control. 4,531,865, 7-30-85, Cl. 408-139.000.
- Johnson, Ann, Administratrix: *See—*
  - Johnson, Leighton C., deceased, 4,509,941, Cl. 494-45.000.
- Johnson, Anthony M.: *See—*
  - Glass, Alastair M.; Johnson, Anthony M.; and Liao, Paul F., 4,555,622, Cl. 250-211.00J.
- Johnson, Arlen K., to AT&T Bell Laboratories. Microwave circuit device and method for fabrication. 4,523,162, 6-11-85, Cl. 333-202.000.
- Johnson, Arthur C. W., to Combustion Research Corporation. Radiant heater system. 4,529,123, 7-16-85, Cl. 237-1.00R.
- Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., to Stone & Webster Engineering Corporation. Duocracking process for the production of olefins from both heavy and light hydrocarbons. 4,492,624, 1-8-85, Cl. 208-78.000.
- Johnson, Axel R.; and Woebcke, Herman N., to Stone & Webster Engineering Corporation. Fuel gas generation for solids heating. 4,497,638, 2-5-85, Cl. 48-197.00R.
- Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., to Stone & Webster Engineering Corporation. Duocracking process for the production of olefins from both heavy and light hydrocarbons. 4,552,644, 11-12-85, Cl. 208-78.000.
- Johnson, Axel R.: *See—*
  - Gartside, Robert J.; Johnson, Axel R.; and Ross, Joseph L., 4,552,645, Cl. 208-80.000.
- Johnson, Barbara: *See—*
  - Johnson, Clifford B., Jr.; Johnson, Barbara; Amadio, Alex; and Amadio, Williane, 4,511,358, Cl. 604-327.000.
- Johnson, Benjamin A. Digital meter using calculator components. 4,492,916, 1-8-85, Cl. 324-60.0CD.
- Johnson, Benjamin M., to Electric Power Research Institute, Inc. Steam condensing apparatus. 4,524,728, 6-25-85, Cl. 122-459.000.
- Johnson, Bernard H. Apparatus for milling a gear for a double enveloping worm gear drive. 4,534,684, 8-13-85, Cl. 409-26.000.
- Johnson, Brian C., to General Electric Company. Method and apparatus for positioning using circular interpolation. 4,493,032, 1-8-85, Cl. 364-169.000.
- Johnson, Brian C.: *See—*
  - Cooper, Jeffrey L.; and Johnson, Brian C., 4,542,407, Cl. 358-120.000.
- Johnson, Bruce A.; and Wnuk, Andrew J., to Procter & Gamble Company, The. Method of making a foraminous member. 4,514,345, 4-30-85, Cl. 264-22.000.
- Johnson, Bruce F.: *See—*
  - Southworth, Glen R.; and Johnson, Bruce F., 4,514,753, Cl. 358-11.000.
- Johnson, Bruce G.: *See—*
  - Johnson, Louis W.; and Johnson, Bruce G., 4,529,510, Cl. 209-403.000.
  - Johnson, Louis W.; and Johnson, Bruce G., 4,540,178, Cl. 273-169.000.
- Johnson, Bruce K., to Polaroid Corporation. Method and apparatus employing dual photocells for removing spectral filter during strobe pulse. 4,491,406, 1-1-85, Cl. 354-416.000.
- Johnson, Bruce K.; and Triggs, Charles W., to Polaroid Corporation. Method and apparatus for blocking direct ambient from striking self-developing film unit. 4,502,767, 3-5-85, Cl. 354-86.000.
- Johnson, Bruce K., to Polaroid Corporation. Method and apparatus for exposing and viewing at same station. 4,508,437, 4-2-85, Cl. 354-78.000.
- Johnson, Bruce K.; and Whiteside, George D., to Polaroid Corporation. Lens drive for auto focus camera. 4,509,840, 4-9-85, Cl. 354-400.000.
- Johnson, Bruce K.; and Schettino, Anthony J., to Polaroid Corporation. Method of and apparatus for distinguishing between exposed and unexposed film units. 4,526,453, 7-2-85, Cl. 354-181.000.
- Johnson, Bruce K.; and Whiteside, George D., to Polaroid Corporation. Dynamically controlled scene radiation leakage for exposure control. 4,542,973, 9-24-85, Cl. 354-413.000.
- Johnson, Bruce K.; and Whiteside, George D., to Polaroid Corporation. Photosensor arrangement for encoding lens and shutter blade position. 4,557,573, 12-10-85, Cl. 354-234.100.
- Johnson, Bruce K., to Polaroid Corporation. Film unit storage and dispensing apparatus. 4,560,262, 12-24-85, Cl. 354-180.000.
- Johnson, Bruce K.: *See—*
  - Fantone, Stephen D.; and Johnson, Bruce K., 4,545,655, Cl. 350-540.000.
- Johnson, Bruce R., to Jandy Industries. Electrical device in a buoyant, watertight housing. 4,503,563, 3-5-85, Cl. 455-351.000.
- Johnson, Bruce R., to Jandy Industries. Fitting for a swimming pool return line. 4,520,514, 6-4-85, Cl. 4-490.000.
- Johnson, Bruce S.; and Borst, Paul H., to Harsco Corporation. Battlefield magazine. 4,538,723, 9-3-85, Cl. 206-3.000.
- Johnson, Bruce S., to Harsco Corporation. Spiral band locking mechanism. 4,538,724, 9-3-85, Cl. 206-3.000.
- Johnson, Bruce V.; and Guile, Roy N., to United Technologies Corporation. Shear layer control in a free-vortex aerodynamic window. 4,559,628, 12-17-85, Cl. 372-104.000.
- Johnson, Bruce W. Log splitting apparatus. 4,506,712, 3-26-85, Cl. 144-193.00A.
- Johnson, Bryce V.; Karayannis, Nicholas M.; and Skryantz, John S., to Standard Oil Company (Indiana). Mixed ester retreated propylene polymerization catalyst. 4,526,882, 7-2-85, Cl. 502-105.000.
- Johnson, C. Donald, to Harsco Corporation. Open-closed center hydraulic valve assembly. 4,548,229, 10-22-85, Cl. 137-270.000.
- Johnson, Carl A., to Owens-Corning Fiberglas Corporation. Migration-free size for glass fibers. 4,530,860, 7-23-85, Cl. 427-386.000.
- Johnson, Carl J.: *See—*
  - Johnson, Richard L.; and Johnson, Carl J., 4,542,545, Cl. 4-555.000.
- Johnson, Carl W., to Kimberly-Clark Corporation. Compact tampon applicator. 4,543,086, 9-24-85, Cl. 604-11.000.
- Johnson, Carter F.; Larson, Cheryl L.; and Tepley, Judy M. Exterior insulating flexible glazed surface covering, movable and stowable from indoors. 4,550,758, 11-5-85, Cl. 160-271.000.
- Johnson, Charles: *See—*
  - Chappell, Johnny L., Jr.; and Johnson, Charles, 4,519,097, Cl. 2-16.000.
- Johnson, Charles B., to Combustion Engineering, Inc. Sound suppression system. 4,513,840, 4-30-85, Cl. 181-210.000.
- Johnson, Charles E.: *See—*
  - Dean, Weibley J.; Johnson, Charles E.; and Ragard, Phillip A., 4,501,183, Cl. 83-233.000.
  - Dean, Weibley J.; Johnson, Charles E.; and Ragard, Phillip A., 4,527,324, Cl. 29-564.600.
- Johnson, Charles L.; and Ryba, John M., to International Business Machines Corporation. Substrate wiring patterns for connecting to integrated-circuit chips. 4,495,377, 1-22-85, Cl. 174-68.500.
- Johnson, Chris G.: *See—*
  - Baker, Donn; Clarke, John E.; and Johnson, Chris G., 4,536,052, Cl. 339-126.00R.
- Johnson, Christopher P., III: *See—*
  - Shanklin, James R., Jr.; and Johnson, Christopher P., III, 4,500,529, Cl. 514-235.000.
  - Shanklin, James R., Jr.; and Johnson, Christopher P., III, 4,558,155, Cl. 564-27.000.

- Johnson, Clarence W., to Bralorne Resources Limited. Casing hanger. 4,494,778, 1-22-85, Cl. 285-146.000.
- Johnson, Clark E., Jr., to Vertimag Systems Corporation. Noise reduction system. 4,492,990, 1-8-85, Cl. 360-32.000.
- Johnson, Clifford B., Jr.; Johnson, Barbara; Amadio, Alex; and Amadio, Williane. Urine bag carrier with a stretchable front panel. 4,511,358, 4-16-85, Cl. 604-327.000.
- Johnson, Clyde O.: *See—*
  - Miranti, Joseph P., Jr.; Oliver, Larry R.; and Johnson, Clyde O., 4,533,342, Cl. 474-201.000.
- Johnson, Craig B.: *See—*
  - Pusic, Vladi; George, Benjamin T.; Smith, Monte E.; and Johnson, Craig B., 4,506,323, Cl. 364-200.000.
- Johnson, Curtis A.; Renlund, Gary M.; Van Buren, Charles E.; and Prochazka, Svante, to General Electric Company. Fabrication of small dense silicon carbide spheres. 4,551,436, 11-5-85, Cl. 501-90.000.
- Johnson, Curtis A.: *See—*
  - Renlund, Gary M.; and Johnson, Curtis A., 4,530,808, Cl. 264-63.000.
  - Renlund, Gary M.; and Johnson, Curtis A., 4,551,496, Cl. 524-322.000.
- Johnson, Cydney A.: *See—*
  - Bendell, Sidney L.; and Johnson, Cydney A., 4,532,550, Cl. 358-213.000.
- Johnson, D. Dale, to Ex-Cell-O Corporation. Turret drive system for armored vehicle. 4,527,458, 7-9-85, Cl. 89-41.010.
- Johnson, D. Dale, to Ex-Cell-O Corporation. Barrier fluid sealed piston for road wheel suspension. 4,552,344, 11-12-85, Cl. 267-64.110.
- Johnson, Dale A.: *See—*
  - Bulle, Marshall R.; and Johnson, Dale A., 4,511,121, Cl. 254-50.400.
- Johnson, Dale C.: *See—*
  - Bafunno, Daniel V.; Detter, Gary C.; Ehrhardt, James D.; Gaughan, Patrick J.; Johnson, Dale C.; and Rowlands, Richard C., 4,554,618, Cl. 362-155.000.
- Johnson, Daniel D., to Du Pont de Nemours, E. I., and Company. Liquid chemical process for forming conductive through-holes through a dielectric layer. 4,501,638, 2-2o-85, Cl. 156-644.000.
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- Johnson, Daniel M.: *See—*
  - Treichel, Richard; and Johnson, Daniel M., 4,506,560, Cl. 74-473.00R.
- Johnson, David A. Sling swivel. 4,505,012, 3-19-85, Cl. 24-643.000.
- Johnson, David A., to J.F.S., Inc. Boat plug reminder and method for use thereof. 4,516,515, 5-14-85, Cl. 114-197.000.
- Johnson, David A., to J.F.S., Inc. Externally visible safety device for firearms. 4,528,765, 7-16-85, Cl. 42-1.0LP.
- Johnson, David A., to J.F.S., Inc. Sling for shoulder weapon. 4,555,051, 11-26-85, Cl. 224-150.000.
- Johnson, David A.: *See—*
  - Blosser, Henry G.; Johnson, David A.; Riedel, Jack; and Burleigh, Richard J., 4,507,616, Cl. 328-234.000.
- Johnson, David B.: *See—*
  - Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,534, Cl. 371-9.000.
  - Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,535, Cl. 371-11.000.
- Johnson, David C. Electronic lighting apparatus for simulating a flame. 4,510,556, 4-9-85, Cl. 362-184.000.
- Johnson, David D.: *See—*
  - Peters, Penn A.; Biller, Cleveland J.; and Johnson, David D., 4,500,004, Cl. 212-80.000.
- Johnson, David E. Sail boom tent. 4,492,175, 1-8-85, Cl. 114-39.000.
- Johnson, David E.; and Williams, Richard W., to FRL, Inc. Metal detector and discriminator using differentiation for background signal suppression. 4,514,692, 4-30-85, Cl. 324-329.000.
- Johnson, David E., to Mobil Oil Corporation. High-speed apparatus and method for trimming thermoformed articles. 4,526,074, 7-2-85, Cl. 83-97.000.
- Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., to Arcair Company. Electrode drive and nozzle system for an automatic air carbon-arc cutting and gouging torch. 4,527,037, 7-2-85, Cl. 219-69.00R.
- Johnson, David E.; and McCall, Kenneth E., to Arcair Company. Swivel cable coupling for an air carbon-arc cutting and gouging torch. 4,540,225, 9-10-85, Cl. 339-16.0RC.
- Johnson, David E.; and Myers, Donald W., to Mobil Oil Corporation. Apparatus and method for forming stacks of nested containers each having a predetermined count of containers. 4,545,714, 10-8-85, Cl. 414-30.000.
- Johnson, David K.: *See—*
  - Bierman, Laurence W.; Edinborough, Charles R.; and Johnson, David K., 4,554,004, Cl. 71-29.000.
- Johnson, David L., to Schlumberger Technology Corporation. Measurement of porosity and formation factor using slow compressional waves. 4,524,432, 6-18-85, Cl. 367-25.000.
- Johnson, David M.: *See—*
  - York, Earl D.; Johnson, David M.; and Miller, Paul B., 4,548,702, Cl. 208-11.00R.
- Johnson, David W., to Goodyear Tire & Rubber Company, The. Conveyor for a combine harvester. 4,495,755, 1-29-85, Cl. 56-364.000.
- Johnson, David W., to Imperial Chemical Industries PLC. Process for producing a catalyst. 4,532,231, 7-30-85, Cl. 502-347.000.
- Johnson, David W., to Goodyear Tire & Rubber Company, The. Conveyor for a crop harvester. 4,553,663, 11-19-85, Cl. 198-731.000.
- Johnson, David W. Streamlining apparatus for sea/land containers. 4,553,781, 11-19-85, Cl. 296-1.00S.
- Johnson, David W.: *See—*
  - Webb, Michael J.; and Johnson, David W., 4,527,856, Cl. 339-206.00R.
- Johnson, David W., Jr.; and Robbins, Murray, to AT&T Bell Laboratories. Negative temperature coefficient thermistors. 4,531,110, 7-23-85, Cl. 338-22.00R.
- Johnson, Dean L., to United States of America, National Aeronautics and Space Administration. Reciprocating magnetic refrigerator employing tandem porous matrices within a reciprocating displacer. 4,507,928, 4-2-85, Cl. 62-3.000.
- Johnson, Dell A.; and Bolieau, Christopher W., to Thiokol Corporation. Dual-thrust nozzle apparatus for rockets. 4,495,763, 1-29-85, Cl. 60-242.000.
- Johnson, Delp W. Method of constructing and assembling building elements for foldably constructed stadiums. 4,497,154, 2-5-85, Cl. 52-745.000.
- Johnson, Delp W. Method of constructing precast concrete building with ductile concrete frame. 4,528,793, 7-16-85, Cl. 52-745.000.
- Johnson, Delp W. Method of constructing foldable concrete slab buildings with access slots thru ceiling slabs for installing hingeable connectors. 4,557,099, 12-10-85, Cl. 52-745.000.
- Johnson, Dennis E. J. Method and device for in-line mass dispersion transfer of a gas flow into a liquid flow. 4,491,551, 1-1-85, Cl. 261-76.000.
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- Johnson, Donald F.: *See—*
  - Patil, Ram S.; Johnson, Donald F.; and Quasney, John T., 4,513,033, Cl. 427-349.000.
  - Patil, Ram S.; Johnson, Donald F.; and Quasney, John T., 4,528,935, Cl. 118-63.000.
- Johnson, Donald L. Snow removing attachment for automotive vehicles. 4,549,365, 10-29-85, Cl. 37-251.000.
- Johnson, Donald L.; and Lingenfelter, Lowell R., to Teledyne Industries, Inc. Leadless integrated circuit connector. 4,555,152, 11-26-85, Cl. 339-17.00L.
- Johnson, Donald L.; and Kordis, Thomas F., to Teledyne Industries, Inc. Electrical connector for visual display and method of making same. 4,555,157, 11-26-85, Cl. 339-75.0MP.
- Johnson, Donald W.: *See—*
  - Atkinson, Robert W.; Elliott, Joseph W.; and Johnson, Donald W., 4,519,385, Cl. 128-66.000.
- Johnson, Douglas E.: *See—*
  - Person, Herman R.; and Johnson, Douglas E., 4,529,958, Cl. 338-275.000.
- Johnson, Douglas M., to Empak Inc. Wafer processing cassette. 4,493,418, 1-15-85, Cl. 206-454.000.
- Johnson, Douglas M., to Empak Inc. Package. 4,520,925, 6-4-85, Cl. 206-334.000.
- Johnson, Douglas M., to Empak Inc. Disk package. 4,557,382, 12-10-85, Cl. 206-444.000.
- Johnson, Duane R., to Allied Corporation. Clutch drive with link spring. 4,515,258, 5-7-85, Cl. 192-91.00A.
- Johnson, Dwight N., to Fillpro Products, Inc. Flush valve. 4,499,616, 2-19-85, Cl. 4-393.000.
- Johnson, Earl H.: *See—*
  - Kernstock, John M.; Johnson, Earl H.; and Vaughn, Bertha R., 4,552,685, Cl. 252-355.000.
- Johnson, Edward J.; and Koble, Robert L., Jr., to Phoenix Manufacturing, Inc. Blower wheel apparatus. 4,522,558, 6-11-85, Cl. 416-187.000.
- Johnson, Edwin A.; and Leung, Chun K., to Allied Corporation. Phase angle detector. 4,520,449, 5-28-85, Cl. 364-559.000.
- Johnson, Edwin A., to Allied Corporation. Fuel distribution control for an internal combustion engine. 4,535,406, 8-13-85, Cl. 364-431.080.
- Johnson, Elizabeth A., to Erpelding, Edward J. Golf tee holder. 4,498,615, 2-12-85, Cl. 224-274.000.
- Johnson, Elmer C., Jr.: *See—*
  - Plaas, Jon R.; Parker, Keith E.; Keiser, James D.; and Johnson, Elmer C., Jr., 4,551,139, Cl. 604-290.000.
- Johnson Engineering Corp.: *See—*
  - Miller, Scott A., III, 4,495,496, Cl. 340-825.540.
- Johnson, Eric A.; Demain, Arnold L.; and Madia, Ashwin, to United States of America, Energy. Method of saccharifying cellulose. 4,540,664, 9-10-85, Cl. 435-99.000.
- Johnson, Ernest L. Dice and blackjack game board. 4,515,369, 5-7-85, Cl. 273-243.000.
- Johnson Fishing, Inc.: *See—*
  - Klammer, Mark S.; and Decko, Del P., 4,555,233, Cl. 440-56.000.
- Johnson, Floyd D.: *See—*
  - Warman, Bruce L.; Dailey, Carl W.; and Johnson, Floyd D., 4,531,453, Cl. 98-2.110.
- Johnson, Frances M. Hairpin opener. 4,553,557, 11-19-85, Cl. 132-1.00R.
- Johnson, Frank; Reese, Dieter; and Hirbour, Louis, to Technic, Inc. Apparatus for electroplating and chemically treating the contact elements of encapsulated electronic components and like devices. 4,508,611, 4-2-85, Cl. 204-202.000.
- Johnson, Frank; Reese, Dieter; and Hirbour, Louis, to Technic, Inc. Apparatus for electroplating and chemically treating contact elements of encapsulated electronic components and their like. 4,534,843, 8-13-85, Cl. 204-202.000.

Johnson, Frank C.; and Newsam, Susan M., to Rolls-Royce Limited. Method of manufacturing articles from a composite material. 4,562,033, 12-31-85, Cl. 264-510.000.

Johnson, Fred: *See—*

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Johnson, Frederick W.: *See—*

Clark, Gary A.; Johnson, Frederick W.; and Queener, Carl A., 4,522,486, Cl. 355-14.0SH.

Johnson, Freeman K., to Johnson, Freeman K. Full dwarf hybrid sunflower seed and plant and method of producing hybrid seed. 4,527,352, 7-9-85, Cl. 47-58.000.

Johnson, Gary D.: *See—*

Stravitz, David M.; and Johnson, Gary D., 4,537,176, Cl. 124-62.000.

Johnson, Gary E.; and Van Egeren, Andrew M., to Paper Converting Machine Company. Method and apparatus for folding diapers with selective movement of orbit of tucker balde. 4,519,596, 5-28-85, Cl. 270-32.000.

Johnson, Gary M.; and Heuberger, Glen L., to Swift & Company. Method for inhibiting the developement of breast blisters on poultry. 4,531,518, 7-30-85, Cl. 128-303.100.

Johnson, Geoffrey W. A. Composition for use with indoor tanning equipment. 4,528,183, 7-9-85, Cl. 424-59.000.

Johnson, George E.; and Brenner, Stanley, to Leviton Manufacturing Company, Inc. Combined liner locking and locking washer system for mounting an incandescent lamp. 4,535,398, 8-13-85, Cl. 362-404.000.

Johnson, George N.: *See—*

Fearing, D. Michael; and Johnson, George N., 4,497,321, Cl. 128-330.000.

Johnson, Gerald D.; and Powell, Roger W., to Westinghouse Electric Corp. Austenitic stainless steel for high temperature applications. 4,530,719, 7-23-85, Cl. 75-124.000.

Johnson, Gerald E., to Lamb Technicon Corp. Vertical workpiece cleanser and dryer. 4,551,880, 11-12-85, Cl. 15-302.000.

Johnson, Gerald E.: *See—*

Graham, James T.; and Johnson, Gerald E., 4,534,460, Cl. 198-482.000.

Johnson, Gerald H., to Control Data Corporation. Method and apparatus for optimally tuning clock signals for digital computers. 4,546,269, 10-8-85, Cl. 307-269.000.

Johnson, Gerald L.; Nolting, Eugene C.; and Allen, John H., to Banc-Tec, Incorporated. High speed document encoding system. 4,492,161, 1-8-85, Cl. 101-109.000.

Johnson, Gerald W. Surgical instrument for suction lipolysis. 4,536,180, 8-20-85, Cl. 604-268.000.

Johnson, Gilbert. Retractable torque applying tool. 4,515,046, 5-7-85, Cl. 81-436.000.

Johnson, Glenn R.: *See—*

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Johnson, Glyn: *See—*

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Johnson, Gordon E.: *See—*

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Law, Kock-Yee; and Johnson, Gordon E., 4,529,688, Cl. 430-494.000.

Johnson, Graham: *See—*

Ross, Barry C.; Johnson, Graham; and Yeomans, Michael A., 4,510,086, Cl. 260-239.00A.

Ross, Barry C.; Johnson, Graham; and Yeomans, Michael A., 4,526,718, Cl. 260-239.00A.

Johnson, Graham C.: *See—*

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Johnson, Gregory L., to Shell Oil Company. Non-fouling oil atomization tip. 4,518,120, 5-21-85, Cl. 239-424.000.

Johnson, Harlan: *See—*

Bull, Jeffrey F.; Johnson, Harlan; Karg, James F.; and Winiasz, Michael E., 4,535,674, Cl. 87-29.000.

Johnson, Harlan F., to H. F. Johnson, Inc. Self-cleaning and anti-bridging grain receiving and transporting device. 4,529,085, 7-16-85, Cl. 198-532.000.

Johnson, Harold K.: *See—*

Becker, Arnold F.; and Johnson, Harold K., 4,498,192, Cl. 383-126.000.

Johnson, Harold L., to Milliken Research Corporation. D.C. yarn tension control. 4,532,760, 8-6-85, Cl. 57-283.000.

Johnson, Herbert H.: *See—*

Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., 4,521,161, Cl. 417-68.000.

Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., 4,551,070, Cl. 417-68.000.

Johnson, Horace J., to Cadillac Meter Company. Fluid flow measuring device. 4,523,479, 6-18-85, Cl. 73-861.350.

Johnson, Howard L.: *See—*

Berger, Frank M.; DeGraw, Joseph I., Jr.; and Johnson, Howard L., 4,543,362, Cl. 514-480.000.

Johnson, J. Darrel. Vegetation blocking fence edging assembly. 4,497,472, 2-5-85, Cl. 256-32.000.

Johnson, Jack W.; and Jacobson, Allan J., to Exxon Research & Engineering Co. Layered vanadium compounds containing phosphorus or arsenic and pendant organic groups. 4,518,534, 5-21-85, Cl. 260-429.00R.

Johnson, James: *See—*

Smith, Leonard E.; and Johnson, James, 4,530,496, Cl. 272-68.000.

Johnson, James A.: *See—*

Peterson, Richard L.; Johnson, James A.; Scheurer, Roger J.; and Steinberg, Richard W., 4,560,011, Cl. 172-194.000.

Johnson, James D.; Belden, Byron B.; and Kamp, Terrence A., to Reliance Electric Company. Powdered metal, flanged bushing for securing machine elements to shafts. 4,525,094, 6-25-85, Cl. 403-11.000.

Johnson, James Frederick John: *See—*

Pook, Harold W. M., 4,504,550, Cl. 428-461.000.

Johnson, James M., Jr., to AT&T Bell Laboratories. Loop-around testing facilities for a multiline protocol controller. 4,510,594, 4-9-85, Cl. 370-15.000.

Johnson, James R. Method and apparatus for making zipper bags. 4,498,939, 2-12-85, Cl. 156-66.000.

Johnson, James R.: *See—*

Sarka, Stephen F.; Abarca, Wayne J.; Johnson, James R.; and Smick, Charles J., Jr., 4,528,762, Cl. 37-236.000.

Johnson, James W.: *See—*

Burns, Edgar; Johnson, James W.; and Kimbrough, Adele R., 4,530,559, Cl. 339-90.00R.

Burns, Edgar A.; and Johnson, James W., 4,547,032, Cl. 339-90.00R.

Johnson, Jerry R., to Transworld Drilling Company. Method for ballasting a vessel. 4,538,939, 9-3-85, Cl. 405-205.000.

Johnson, Jerry W.; and Leung, Wu-Hon F., to AT&T Bell Laboratories. Program process execution in a distributed multiprocessor system. 4,530,051, 7-16-85, Cl. 364-200.000.

Johnson, Joe P. Electrical resistance heater unit. 4,551,614, 11-5-85, Cl. 219-355.000.

Johnson, Joel C., to Electro Scientific Industries, Inc. Acousto-optic beam deflector. 4,558,926, 12-17-85, Cl. 350-373.000.

Johnson, John F.; Buller, Richard J.; and Guinn, Ronald K., to Hesston Corporation. Sharpener assembly for the cutting cylinder of a crop harvester. 4,503,643, 3-12-85, Cl. 51-247.000.

Johnson, John H., to SKF Industries, Inc. Lubricant insert for rolling bearings. 4,534,871, 8-13-85, Cl. 252-12.000.

Johnson, John H., to Hercules Incorporated. Process for making low crystallinity polyolefins. 4,540,756, 9-10-85, Cl. 526-124.000.

Johnson, John J.: *See—*

Baile, George H.; and Johnson, John J., 4,492,415, Cl. 384-463.000.

Johnson, John K.; Earhart, Jack R.; Astrom, Gordon L.; and Herbig, Mark A., to Aqua-Aerobic Systems, Inc. Filter apparatus. 4,540,487, 9-10-85, Cl. 210-264.000.

Johnson, John K.: *See—*

Kruger, Albert J., Jr.; and Johnson, John K., 4,508,744, Cl. 426-590.000.

Johnson & Johnson: *See—*

Levesque, Yvon, 4,507,122, Cl. 604-375.000.

Popescu, Miron; and Gunsalus, Edward K., 4,517,167, Cl. 423-245.000.

Weissenburger, Edward, 4,552,266, Cl. 206-220.000.

Johnson & Johnson Baby Products Company: *See—*

Cook, John R.; and James, William A., 4,551,143, Cl. 604-371.000.

Guth, Jacob J.; and Verdicchio, Robert J., 4,511,513, Cl. 260-404.500.

Lindemann, Martin K. O.; and Lukenbach, Elvin R., 4,550,193, Cl. 560-147.000.

Menard, Michael J., 4,507,163, Cl. 156-164.000.

Murray, William V.; Clum, Charles E.; and Lukenbach, Elvin R., 4,514,383, Cl. 424-59.000.

Johnson & Johnson Dental Products Company: *See—*

Basile, Peter A.; and Blatherwick, William J., 4,502,611, Cl. 221-93.000.

Denton, Robert K., Jr.; and Kumar, Narayan G., 4,492,777, Cl. 523-115.000.

Kumar, Narayan G., 4,500,657, Cl. 523-116.000.

Martin, Brain; and Panzera, Carlino, 4,557,691, Cl. 433-199.100.

Martin, Brian, 4,525,256, Cl. 204-159.180.

Panzera, Carlino, 4,551,099, Cl. 433-212.100.

Santucci, Edward A.; and Racz, William B., 4,512,743, Cl. 433-217.000.

Wu, Jenn-Ming; Cannon, Warren R.; and Panzera, Carlino, 4,515,634, Cl. 106-35.000.

Zahradnik, Robert T., 4,540,576, Cl. 424-151.000.

Johnson & Johnson Products, Inc.: *See—*

Barson, Craig; and Denny, Thomas, 4,540,398, Cl. 604-1.000.

Buck, Carl J., 4,512,340, Cl. 128-90.000.

Doehnert, Donald F.; and Hill, Arthur S., 4,505,976, Cl. 428-355.000.

Lauritzen, Nels J., 4,530,353, Cl. 128-156.000.

Lauritzen, Nels J., 4,545,372, Cl. 128-156.000.

Lauritzen, Nels J., 4,549,653, Cl. 206-441.000.

Silbering, Steven B.; and Sipos, Tibor, 4,499,067, Cl. 424-52.000.

Silbering, Steven B.; and Sipos, Tibor, 4,499,068, Cl. 424-52.000.

Tunc, Deger C., 4,539,981, Cl. 128-92.00B.

Tunc, Deger C., 4,550,449, Cl. 623-16.000.

Johnson, Joseph A., to Texas Industries, Inc. Method and apparatus for making antique brick. 4,495,132, 1-22-85, Cl. 264-293.000.

- Johnson, Joyce E. Doubly elastic cushioned carrying strap. 4,550,869, 11-5-85, Cl. 224-202.000.
- Johnson, Judith L.: *See—*
  - Showalter, Howard D. H.; Johnson, Judith L.; Werbel, Leslie M.; and Elslager, Edward F., 4,556,654, Cl. 514-222.000.
- Johnson, Kalin S., to Colt Industries Operating Corp. Fuel injection apparatus and system. 4,509,483, 4-9-85, Cl. 123-432.000.
- Johnson, Kalin S.; and Alsobrooks, Daniel E., to Colt Industries Operating Corp. Method for manufacturing a throttle-controlled induction passage assembly. 4,561,158, 12-31-85, Cl. 29-156.40R.
- Johnson, Kathryn M.: *See—*
  - Lee, Lester H.; Johnson, Kathryn M.; and Jones, Richard W., 4,509,238, Cl. 29-156.80R.
- Johnson, Keith, Jr., to AMP Incorporated. Cable clamping and orienting apparatus. 4,517,718, 5-21-85, Cl. 29-33.00M.
- Johnson, Kelli J. Wall receptacle recessed box contained light intensity on/off controlled night light system. 4,546,419, 10-8-85, Cl. 362-95.000.
- Johnson, Kendrick A. Stackable food service carrier. 4,491,233, 1-1-85, Cl. 220-23.830.
- Johnson, Kenneth C.: *See—*
  - Burton, Christopher P.; and Johnson, Kenneth C., 4,523,192, Cl. 340-825.570.
  - Knapke, David M.; and Johnson, Kenneth C., 4,559,900, Cl. 118-672.000.
- Johnson, Kenneth L., to Capmakers, Ltd. Foldable hat. 4,549,316, 10-29-85, Cl. 2-195.000.
- Johnson, Kenneth O., to General Electric Company. Rapid power response turbine. 4,529,887, 7-16-85, Cl. 290-40.00R.
- Johnson, Larry; and Uphoff, Billie J., to Lawrence Brothers, Inc. Barn door framing system. 4,513,554, 4-30-85, Cl. 52-657.000.
- Johnson, Larry, to Lawrence Brothers, Inc. Barn door framing system. 4,513,555, 4-30-85, Cl. 52-657.000.
- Johnson, Larry, to Lawrence Brothers, Inc. Bearing supported truck assembly for sliding door. 4,538,323, 9-3-85, Cl. 16-98.000.
- Johnson, Larry, to Lawrence Brothers, Inc. Horse stall construction. 4,552,094, 11-12-85, Cl. 119-27.000.
- Johnson, Larry E.: *See—*
  - Sorensen, Wayne E.; and Johnson, Larry E., 4,520,618, Cl. 56-310.000.
- Johnson, Larry J.: *See—*
  - Frankel, Arthur E.; Johnson, Larry J.; and Wennberg, Timothy J., 4,555,957, Cl. 73-864.140.
- Johnson, Lars Goran I.: *See—*
  - Folestad, Sven S.; Galle, Bo G.; Johnson, Lars Goran I.; and Josefsson, Bjorn O., 4,548,498, Cl. 356-318.000.
- Johnson, Lawrence N. Boat trailer with pivotal dropped cross bar roller mounting system. 4,530,634, 7-23-85, Cl. 414-534.000.
- Johnson, Leighton C.; and King, James S., Jr., to Miles Laboratories, Inc. Automated reagent blotter. 4,539,182, 9-3-85, Cl. 422-99.000.
- Johnson, Leighton C.: *See—*
  - Boger, David L.; Johnson, Leighton C.; and Pugh, Jerry T., 4,526,753, Cl. 422-56.000.
- Johnson, Leighton C., deceased (by Johnson, Ann, Administratrix), to Miles Laboratories, Inc. Fractionation device and method. 4,509,941, 4-9-85, Cl. 494-45.000.
- Johnson, Lennart B., to Teradyne, Inc. Backplane connector. 4,538,866, 9-3-85, Cl. 339-17.0LM.
- Johnson, Leonard M., to Massachusetts Institute of Technology. Integrated optical transducers. 4,515,430, 5-7-85, Cl. 350-96.130.
- Johnson, Leslie V. Rotary seal assembly having a liquid filled bellows. 4,515,377, 5-7-85, Cl. 277-27.000.
- Johnson, Lewis B., to University of Virginia Alumni Patents Foundation, The. Plated dental amalgam alloys. 4,528,207, 7-9-85, Cl. 427-3.000.
- Johnson, Lewis H.; Carlson, Lee A.; and Lunt, David M., to Dennison Manufacturing Company. Ink stamp pad and reservoir. 4,497,275, 2-5-85, Cl. 118-268.000.
- Johnson, Lloyd A.: *See—*
  - Hansen, John C.; and Johnson, Lloyd A., 4,539,632, Cl. 364-143.000.
- Johnson, Lloyd D.; and Lewis, Jack H., to Standard-Knapp, Inc. Case feeding apparatus for drop packer. 4,494,355, 1-22-85, Cl. 53-69.000.
- Johnson, Lloyd D. Automatically calibrating meat analysis device. 4,504,963, 3-12-85, Cl. 378-53.000.
- Johnson, Lloyd D., to Standard-Knapp, Inc. Packing case tab slitter. 4,551,964, 11-12-85, Cl. 53-374.000.
- Johnson, Lloyd N.: *See—*
  - Chadwick, James R.; and Johnson, Lloyd N., 4,531,408, Cl. 73-455.000.
- Johnson, Lonnie G. Soil moisture potential determination by weight measurement. 4,509,361, 4-9-85, Cl. 73-73.000.
- Johnson, Louis W.; and Johnson, Bruce G. Shaker screen. 4,529,510, 7-16-85, Cl. 209-403.000.
- Johnson, Louis W.; and Johnson, Bruce G. Golf iron and method of construction. 4,540,178, 9-10-85, Cl. 273-169.000.
- Johnson, Luvern C., III. Convertible ski device. 4,500,108, 2-19-85, Cl. 280-614.000.
- Johnson, Lyle: *See—*
  - Mattingly, William R., Jr.; Johnson, Lyle; and Maher, Tommy B., 4,500,153, Cl. 339-89.00M.
- Johnson, Lyle R.; and Herzan, Eugene H., to Parker-Hannifin Corporation. Rigid mount coupler. 4,543,994, 10-1-85, Cl. 137-614.040.
- Johnson, Lynville G.; and Elliott, James O., to General Motors Corporation. Vehicle windshield cleaner control. 4,547,716, 10-15-85, Cl. 318-443.000.
- Johnson, Marion: *See—*
  - Murley, Jackie D.; and Johnson, Marion, 4,536,148, Cl. 425-387.100.
  - Murley, Jackie D.; and Johnson, Marion, 4,552,717, Cl. 264-549.000.
- Johnson, Mark, to International Business Machines Corporation. Information storage disk transducer position control system using a prerecorded servo pattern requiring no alignment with the storage disk. 4,558,383, 12-10-85, Cl. 360-77.000.
- Johnson, Mark E. Flying figure toy glider. 4,512,690, 4-23-85, Cl. 446-61.000.
- Johnson, Mark G., to Mostek Corporation. MOSFET sense amplifier circuit. 4,523,110, 6-11-85, Cl. 307-530.000.
- Johnson, Mark R., to Dow Chemical Company, The. Polymerizable UV light stabilizers from isocyanatoalkyl esters of unsaturated carboxylic acids. 4,504,628, 3-12-85, Cl. 525-278.000.
- Johnson, Mark R., to Dow Chemical Company, The. Process for reaction of mercaptophenols with vinyl compounds. 4,539,159, 9-3-85, Cl. 260-465.00F.
- Johnson, Mark W.: *See—*
  - Christenson, Roger M.; Scriven, Roger L.; Jerabek, Robert D.; Koren, Jeffrey G.; and Johnson, Mark W., 4,530,945, Cl. 523-400.000.
  - Jerabek, Robert D.; Koren, Jeffrey G.; and Johnson, Mark W., 4,540,725, Cl. 523-400.000.
- Johnson, Martin: *See—*
  - Baker, Peter J.; Brookes, David A.; and Johnson, Martin, 4,525,173, Cl. 44-51.000.
- Johnson, Martin Reid: *See—*
  - Kallman, William R., 4,523,113, Cl. 310-11.000.
- Johnson, Marvin F. L., to Atlantic Richfield Company. Methane conversion using a silica/magnesia support. 4,547,608, 10-15-85, Cl. 585-500.000.
- Johnson, Marvin F. L.: *See—*
  - Breder, E. William, Jr.; Jaecker, John A.; and Johnson, Marvin F. L., 4,544,786, Cl. 585-500.000.
- Johnson, Marvin M.; and McDaniel, Max P., to Phillips Petroleum Company. Rubber compositions containing aluminum phosphate. 4,537,928, 8-27-85, Cl. 524-417.000.
- Johnson, Marvin M.; and Nowack, Gerhard P., to Phillips Petroleum Company. Chromium phosphate as an alkylation catalyst. 4,543,436, 9-24-85, Cl. 585-466.000.
- Johnson, Marvin M.; and McDaniel, Max P., to Phillips Petroleum Company. Polyphosphate in chromium catalyst support. 4,547,479, 10-15-85, Cl. 502-155.000.
- Johnson, Marvin M., to Phillips Petroleum Company. Catalytic hydrogenation of sulfolenes. 4,558,138, 12-10-85, Cl. 549-87.000.
- Johnson, Marvin M.; and Nowack, Gerhard P., to Phillips Petroleum Company. Chromium phosphate catalyst. 4,558,165, 12-10-85, Cl. 568-698.000.
- Johnson, Marvin M.: *See—*
  - Bobsein, Rex L.; and Johnson, Marvin M., 4,560,817, Cl. 585-273.000.
  - Kukes, Simon G.; and Johnson, Marvin M., 4,560,466, Cl. 208-89.000.
  - McDaniel, Max P.; and Johnson, Marvin M., 4,504,638, Cl. 526-134.000.
  - McDaniel, Max P.; and Johnson, Marvin M., 4,528,338, Cl. 526-113.000.
  - McDaniel, Max P.; Johnson, Marvin M.; Hawley, Gil R.; Westerman, John; and Smith, Paul D., 4,535,070, Cl. 502-208.000.
  - Nowack, Gerhard P.; Johnson, Marvin M.; and Tabler, Donald C., 4,503,249, Cl. 564-385.000.
- Johnson Matthey, Inc.: *See—*
  - Enga, Bernard E., 4,509,327, Cl. 60-274.000.
- Johnson Matthey Public Limited Company: *See—*
  - Booker, David F.; Grove, David E.; Cotterill, Phillip J.; and Tyson, Robert G., 4,503,255, Cl. 568-17.000.
  - Burnham, Robert F.; Gibbon, Alan; and Harry, John E., 4,521,890, Cl. 373-22.000.
  - Cameron, Donald S., 4,537,839, Cl. 429-20.000.
  - Collier, Owen N.; and Selman, Gordon L., 4,493,738, Cl. 148-24.000.
  - Hall, William G.; and Boswell, Peter G., 4,538,876, Cl. 339-118.00R.
  - Harrison, Brian; and Diwell, Alan F., 4,539,311, Cl. 502-304.000.
  - Heywood, Alan E., 4,525,433, Cl. 428-670.000.
  - McFarlane, Glenton P.; and Swift, Steven G., 4,550,743, Cl. 137-68.100.
  - Newport, Derek J.; and Hood, Christopher, 4,544,834, Cl. 235-487.000.
  - Russell, Michael J. H.; and Murrer, Barry A., 4,517,390, Cl. 568-881.000.
  - Stephenson, David J., 4,511,539, Cl. 422-311.000.
  - Thomson, Alasdair I.; and King, Frank, 4,501,685, Cl. 502-167.000.
  - Wyatt, Michael; Leach, Gary M.; and Gould, Ashley M., 4,500,650, Cl. 502-204.000.
- Johnson, Michael D., to Becton, Dickinson and Company. Slip resistant surfaces. 4,514,460, 4-30-85, Cl. 428-245.000.
- Johnson, Michael D., to Becton, Dickinson and Company. Slip resistant surfaces. 4,515,851, 5-7-85, Cl. 428-246.000.
- Johnson, Michael D., to Becton, Dickinson and Company. Slip resistant gloves. 4,555,813, 12-3-85, Cl. 2-161.00R.
- Johnson, Michael D.: *See—*
  - Dunmire, Robert W.; Miller, Drew J.; and Johnson, Michael D., 4,519,098, Cl. 2-161.00R.

Johnson, Michael K. Force transducer. 4,501,160, 2-26-85, Cl. 73-862.650.

Johnson, Michael R.; and Melvin, Lawrence S., Jr., to Pfizer Inc. 2[2-hydroxy-4-(substituted)phenyl]piperidines. 4,529,732, 7-16-85, Cl. 514-327.000.

Johnson, Milton D.; and Chattha, Mohinder S., to Ford Motor Company. Organophosphorus enamines useful as epoxy curatives and adhesion promoters. 4,550,201, 10-29-85, Cl. 564-15.000.

Johnson, Milton D.: *See—*

Zinbo, Mikio; Jensen, Ronald K.; and Johnson, Milton D., 4,554,085, Cl. 252-46.600.

Johnson, Nancy C.; and Gotzmer, Carl, Jr., to United States of America, Navy. Detonation-transfer energetic composition. 4,521,260, 6-4-85, Cl. 149-19.910.

Johnson, Nathan D.; Sampson, James D.; and Sampson, Darwin L. Newspaper vending machine. 4,508,238, 4-2-85, Cl. 221-107.000.

Johnson, Neil A.; and Taylor, Philip A., to G.R. Systems, Inc. Portable seam welding machine for thermoplastic sheets. 4,533,423, 8-6-85, Cl. 156-359.000.

Johnson, Neil M., to Traction Research, Inc. Vehicle with pneumatic suspension. 4,502,736, 3-5-85, Cl. 305-9.000.

Johnson, Nicholas D., to National Research Development Corporation. Acoustic lens. 4,550,609, 11-5-85, Cl. 73-642.000.

Johnson, Nigel, deceased: *See—*

Betts, Max W.; Johnson, Nigel, deceased; Bennett, Ernest W.; and Bennett, Joyce H., executors, 4,526,019, Cl. 66-132.00R.

Johnson, Oscar; and Luecke, Robert A., to Dow Chemical Company, The. Process for the manufacture of synthetic paper and the product thereof. 4,518,681, 5-21-85, Cl. 430-532.000.

Johnson, Paul H. Cellular heap leach process and apparatus. 4,526,615, 7-2-85, Cl. 75-101.00R.

Johnson, Paul H., to TRW Inc. Method for forming roller retainers in a bearing cage. 4,561,157, 12-31-85, Cl. 29-148.40A.

Johnson, Paul R., to Shell Oil Company. Offshore crane wave motion compensation apparatus. 4,544,137, 10-1-85, Cl. 254-337.000.

Johnson, Peter A., to Figgie International Inc. Conveyor. 4,556,143, 12-3-85, Cl. 198-841.000.

Johnson, Peter D.: *See—*

Anderson, John M.; and Johnson, Peter D., 4,499,400, Cl. 313-265.000.

Anderson, John M.; and Johnson, Peter D., 4,528,209, Cl. 427-67.000.

Johnson, Peter M., to University of Liverpool, The. Material for use in the treatment of spontaneous abortions. 4,558,035, 12-10-85, Cl. 514-8.000.

Johnson, Philip A.; and McCarthy, Alfred F., to Aavid Engineering, Inc. Heat sinks for integrated circuit modules. 4,552,206, 11-12-85, Cl. 165-80.300.

Johnson, Philip M.: *See—*

Dalton, Jeffrey L.; and Johnson, Philip M., 4,550,059, Cl. 428-409.000.

Johnson Products Co., Inc.: *See—*

Khalil, Ezzat N.; and Cheslow, Ernest, 4,524,787, Cl. 132-7.000.

Johnson, R. Todd: *See—*

Jacobsen, Stephen C.; Knutti, David F.; and Johnson, R. Todd, 4,521,924, Cl. 3-1.100.

Johnson, Ralph K.: *See—*

Baker, Edward D.; Lang-Ree, Nils; and Johnson, Ralph K., 4,506,652, Cl. 126-21.00A.

Johnson, Randolph K., to Idttkow, Inc. Insulated barrel cooler. 4,514,993, 5-7-85, Cl. 62-372.000.

Johnson, Ray M.; and Dremann, George H. Power absorbing termination for a waveguide transmission line. 4,516,088, 5-7-85, Cl. 333-22.00F.

Johnson, Raymond G., Jr.; Trustee, Bill L.; and Fischer, William C., to United Technologies Corporation. Pneumatic control valve actuator computer control arrangement. 4,534,702, 8-13-85, Cl. 416-20.00R.

Johnson, Raynor A.: *See—*

Wegener, Jack; and Johnson, Raynor A., 4,528,704, Cl. 5-81.00R.

Johnson, Reaves, to RJM, Inc. Green peanut destemmer and washer. 4,542,687, 9-24-85, Cl. 99-639.000.

Johnson, Reginald F., to Baker Perkins Holdings PLC. Apparatus for collating articles to be wrapped into batches. 4,505,093, 3-19-85, Cl. 53-531.000.

Johnson, Reynold B. Hand-held transducing device for insertable records. 4,541,028, 9-10-85, Cl. 360-137.000.

Johnson, Richard A.; and Mattes, Hans G., to AT&T Bell Laboratories. Condition sensor. 4,504,922, 3-12-85, Cl. 364-557.000.

Johnson, Richard C.; and Norris, Allyn P., to Foster Wheeler Energy Corporation. Erosion test apparatus. 4,493,206, 1-15-85, Cl. 73-7.000.

Johnson, Richard C.; and Egbert, Leigh B., to Foster Wheeler Energy Corporation. Erosion resistant waterwall. 4,554,967, 11-26-85, Cl. 165-134.100.

Johnson, Richard H. Modular electrified cover plate. 4,522,455, 6-11-85, Cl. 339-14.00R.

Johnson, Richard H.; and Muma, George A., to Brunswick Corporation. Bowling lane duster. 4,550,467, 11-5-85, Cl. 15-228.000.

Johnson, Richard J.: *See—*

Gladden, Robert S., Jr.; Johnson, Richard J.; Kidd, John C.; and Younkin, Robert A., 4,561,232, Cl. 52-385.000.

Johnson, Richard L.; and Johnson, Carl J. Bathtub with footwell and entrance door. 4,542,545, 9-24-85, Cl. 4-555.000.

Johnson, Richard V.; and Turner, William D., to Xerox Corporation. Cross scan beam positioner for multiple channel laser ROS. 4,514,739, 4-30-85, Cl. 346-108.000.

Johnson, Robert A., to Motorola, Inc. Self-tensioning differential capstan cable drive mechanism. 4,526,050, 7-2-85, Cl. 74-89.220.

Johnson, Robert A., to Magnetic Peripherals Inc. Apparatus and method for shielding magnetic heads during a sputtering operation. 4,536,270, 8-20-85, Cl. 204-192.00R.

Johnson, Robert A., to Interlake, Inc. Powered strap accumulator. 4,557,427, 12-10-85, Cl. 242-55.000.

Johnson, Robert A.: *See—*

Domino, William J.; Havens, Donald P.; and Johnson, Robert A., 4,553,060, Cl. 310-333.000.

Johnson, Robert B.; Nibby, Chester M., Jr.; and Salas, Edward R., to Honeywell Information Systems Inc. Memory system with automatic memory configuration. 4,507,730, 3-26-85, Cl. 364-200.000.

Johnson, Robert B.: *See—*

Barlow, George J.; Nibby, Chester M., Jr.; and Johnson, Robert B., 4,558,429, Cl. 364-900.000.

Salas, Edward R.; Fisher, Edwin P.; Johnson, Robert B.; Nibby, Chester M., Jr.; and Boudreau, Daniel A., 4,545,010, Cl. 364-200.000.

Johnson, Robert C.; and Burns, Larry E., to Procter & Gamble Company, The. Strong laminate. 4,507,351, 3-26-85, Cl. 428-198.000.

Johnson, Robert C., to Metalogic, Inc. Expandable and contractible frame for stretching fabric material, and method. 4,519,151, 5-28-85, Cl. 38-102.900.

Johnson, Robert G., to Honeywell Inc. Robotics manipulator with gripping force control means. 4,533,167, 8-6-85, Cl. 294-86.400.

Johnson, Robert G.: *See—*

Bohrer, Philip J.; Higashi, Robert E.; and Johnson, Robert G., 4,548,078, Cl. 73-204.000.

Higashi, Robert E.; Johnson, Robert G.; and Bohrer, Philip J., 4,501,144, Cl. 73-204.000.

Lax, Ronald G.; Johnson, Robert G.; Henningsen, Charles G.; and Ellis, J. Scott, 4,514,029, Cl. 339-143.00R.

Johnson, Robert L.: *See—*

Roberts, Jack; and Johnson, Robert L., 4,535,486, Cl. 623-22.000.

Roberts, Jack; and Johnson, Robert L., 4,547,910, Cl. 623-18.000.

Johnson, Robert M.; and Melling, Elmer M., to National Gypsum Company. Process for making cement and non-asbestos fiber mat on modified Hatschek machine. 4,543,159, 9-24-85, Cl. 162-164.100.

Johnson, Robert M. Cleaner and chalk dust receptacle for chalk board erasers. 4,549,327, 10-29-85, Cl. 15-236.00R.

Johnson, Robert N.; and Karol, Frederick J., to Union Carbide Corporation. Polymerization of ethylene with supported π allyl chromium complexes. 4,540,758, 9-10-85, Cl. 526-130.000.

Johnson, Robert O., to General Electric Company. Polyetherimide bearing compositions. 4,532,054, 7-30-85, Cl. 252-12.400.

Johnson, Robert R. Ash receptacle with dust eliminator. 4,497,308, 2-5-85, Cl. 126-242.000.

Johnson, Robert R., to Brown & Williamson Tobacco Corporation. Cigarette filter. 4,498,488, 2-12-85, Cl. 131-336.000.

Johnson, Robert R., to Energy Conversion Devices, Inc. Method for making, parallel preprogramming or field programming of electronic matrix arrays. 4,545,111, 10-8-85, Cl. 29-574.000.

Johnson, Robert R., to Brown & Williamson Tobacco Corporation. Cigarette filter. 4,545,391, 10-8-85, Cl. 131-336.000.

Johnson, Robert R.: *See—*

Avellino, Frank J.; and Johnson, Robert R., 4,547,891, Cl. 377-16.000.

Cantrell, Daniel V.; and Johnson, Robert R., 4,542,754, Cl. 131-336.000.

Johnson, Robert S.; Fletcher, Paul E.; Benjamin, William S.; and Zsitvay, John I., to Lighthouse for the Blind, Incorporated, The. Angled roller mop. 4,516,287, 5-14-85, Cl. 15-119.00A.

Johnson, Robert W.; and Hobbs, Richard S. Marker buoy. 4,501,563, 2-26-85, Cl. 441-6.000.

Johnson, Robert W.: *See—*

Keel, Beat G.; and Johnson, Robert W., 4,523,238, Cl. 360-46.000.

Naccarato, Peter D.; and Johnson, Robert W., 4,547,100, Cl. 407-39.000.

Johnson, Rodney C., to Bestobell Sparling Limited. Fluid flow monitoring. 4,542,656, 9-24-85, Cl. 73-861.280.

Johnson, Roger A.: *See—*

West, Harold H.; Johnson, Roger A.; and Clark, Charles W., Jr., 4,518,153, Cl. 254-274.000.

Johnson, Roger C.: *See—*

Gibbs, Richard D.; and Johnson, Roger C., 4,493,138, Cl. 29-33.00Q.

Johnson, Romain H. Die forming method and machine. 4,544,820, 10-1-85, Cl. 219-69.00M.

Johnson, Ronald D.; Kastner, Ralph E.; and Boeck, LaVerne D., to Eli Lilly and Company. Antibiotic A39079 factor S-1. 4,560,509, 12-24-85, Cl. 260-239.30P.

Johnson, Ronald E.; Rajnik, Lawrence S.; and Wu, Lung-ming, to Corning Glass Works. Collector membrane. 4,532,175, 7-30-85, Cl. 428-220.000.

Johnson, Ronald E.: *See—*

Blanding, Wendell S.; Johnson, Ronald E.; and Van Dewoestine, Robert V., 4,549,928, Cl. 156-660.000.

Blanding, Wendell S.; Johnson, Ronald E.; and Van Dewoestine, Robert V., 4,557,798, Cl. 156-660.000.

Johnson, Ronald L., to General Electric Company. Automotive type air conditioning system and method of operating such. 4,510,763, 4-16-85, Cl. 62-115.000.

Johnson, Ronald L. Trap for vapors from plastic extruders. 4,529,423, 7-16-85, Cl. 55-270.000.

- Johnson, Ronald R.; Melville, James A.; and Schuelke, Richard D., to IXI Laboratories, Inc. Flexible disk sorter slide apparatus. 4,494,900, 1-22-85, Cl. 414-27.000.
- Johnson, Roy A., to Upjohn Company, The. Pyridyl-substituted-benzofurans. 4,495,357, 1-22-85, Cl. 546-269.000.
- Johnson, Roy A.; Lincoln, Frank H.; and Pike, John E., to Upjohn Company, The. PGI_2 salts. 4,499,293, 2-12-85, Cl. 549-465.000.
- Johnson, Roy A.: *See—*
  - Duckworth, Roger; Johnson, Roy A.; and Lester, Timothy E., 4,507,177, Cl. 204-1.00R.
  - Sharpless, Karl B.; and Johnson, Roy A., 4,560,811, Cl. 568-848.000.
- Johnson, Roy B.: *See—*
  - Scerbo, Joseph E.; and Johnson, Roy B., 4,534,269, Cl. 91-41.000.
- Johnson, Roy B., deceased (by Johnson, Wilma J., legal representative); and Ristvedt, Victor G., to Ristvedt-Johnson, Inc. Coin handling machine. 4,531,531, 7-30-85, Cl. 133-3.00A.
- Johnson, Roy B., deceased (by Johnson, Wilma J., legal representative); and Ristvedt, Victor G., to Ristvedt-Johnson, Inc. Coin handling machine. 4,549,561, 10-29-85, Cl. 133-3.00A.
- Johnson, Roy J. Method of installing a pivotal ladder to a vehicle. 4,556,125, 12-3-85, Cl. 182-91.000.
- Johnson Rubber Company, The: *See—*
  - Bean, George, 4,528,782, Cl. 51-439.000.
- Johnson, Russell L.: *See—*
  - Harke, Elwood W.; Sokolowski, Robert C.; and Johnson, Russell L., 4,560,527, Cl. 264-500.000.
- Johnson, Russell W.: *See—*
  - Frame, Robert R.; Johnson, Russell W.; and Staehle, Bruce E., 4,502,949, Cl. 208-207.000.
  - O'Hara, Mark J.; and Johnson, Russell W., 4,497,704, Cl. 208-112.000.
  - Robinson, Delmar W.; Johnson, Russell W.; and Moser, Mark D., 4,522,935, Cl. 502-223.000.
  - Robinson, Delmar W.; Johnson, Russell W.; and Moser, Mark D., 4,529,505, Cl. 208-139.000.
  - Urban, Peter; and Johnson, Russell W., 4,496,371, Cl. 48-197.00R.
- Johnson Service Company: *See—*
  - Beeson, Charles F., 4,549,446, Cl. 74-625.000.
  - Brzezinski, Donald E.; and Kadue, Christy C., 4,541,328, Cl. 98-121.200.
  - Carusillo, Steven J., 4,542,436, Cl. 361-283.000.
  - Carusillo, Steven J., 4,558,274, Cl. 324-60.0CD.
  - Dietz, Gerald E., 4,516,930, Cl. 431-26.000.
  - Froehling, Paul H.; Anders, Jude R.; Strojny, Lawrence J.; and Rehberger, James M., 4,497,031, Cl. 364-505.000.
  - Heckenbach, Terry A., 4,504,959, Cl. 375-36.000.
  - Jamieson, J. Scott; and Gleason, Henry A., III, 4,506,827, Cl. 236-46.00R.
  - Rudich, George, Jr., 4,510,547, Cl. 361-22.000.
  - Rudich, George, Jr.; Beeson, Charles F.; Bartley, Gary L.; and Heckenbach, Terry A., 4,554,496, Cl. 318-600.000.
  - Rudich, George, Jr.; and Troup, David L., 4,559,441, Cl. 219-364.000.
  - Seaks, Charles E., Jr., 4,516,189, Cl. 361-426.000.
  - Trobaugh, Arnold G., 4,497,435, Cl. 236-44.00A.
- Johnson, Sigurd A.; Avella, Frank S.; and Jones, Robert I., to Plan Hold Corporation. Tilt lock means for a drafting table. 4,508,305, 4-2-85, Cl. 208-455.000.
- Johnson, Stanley J.; and Gold, Gary L., to Deere & Company. Spout aimer. 4,529,348, 7-16-85, Cl. 414-335.000.
- Johnson, Stephen C.: *See—*
  - Cho, James R.; and Johnson, Stephen C., 4,524,061, Cl. 424-60.000.
- Johnson, Stephen G.; and Labadini, William M., to GTE Products Corporation. Discharge lamp operating apparatus and method. 4,523,795, 6-18-85, Cl. 315-97.000.
- Johnson, Stephen G.: *See—*
  - Dullea, Leonard V.; Loughridge, Frederick A.; and Johnson, Stephen G., 4,530,710, Cl. 65-56.000.
- Johnson, Stephen L.: *See—*
  - Ingram, Wayne A.; Johnson, Stephen L.; and Coleman, Thomas E., 4,536,823, Cl. 361-355.000.
- Johnson, Susan L.: *See—*
  - Parsons, Robert E.; Westcott, Martha L.; and Johnson, Susan L., 4,548,845, Cl. 428-40.000.
- Johnson, Terence L.; and Guthreau, Lance, to Automatic Switch Company. Pilot-operated dual flow rate valve. 4,503,887, 3-12-85, Cl. 137-624.130.
- Johnson, Terry D., to Robinson, Melvin L., a part interest. Pivotable towed snow removal blade. 4,506,465, 3-26-85, Cl. 37-268.000.
- Johnson, Terry L., to Beatrice Foods Co. Automatic lock for farm equipment transport wheel. 4,534,416, 8-13-85, Cl. 172-311.000.
- Johnson, Theodore C., Sr. Wheel position control for railway maintenance vehicle. 4,534,297, 8-13-85, Cl. 105-215.00C.
- Johnson, Theodore J. Wood fuel combustion system. 4,543,890, 10-1-85, Cl. 110-102.000.
- Johnson, Theodore R.: *See—*
  - Kitrilakis, Sotiris; and Johnson, Theodore R., 4,535,778, Cl. 128-635.000.
- Johnson, Thomas A.: *See—*
  - Ford, Michael E.; and Johnson, Thomas A., 4,503,253, Cl. 564-479.000.
  - Ford, Michael E.; and Johnson, Thomas A., 4,560,798, Cl. 564-503.000.
- Johnson, Thomas H., to Shell Oil Company. Arene alkylation with metal oxide-niobium halide/oxide catalysts. 4,524,229, 6-18-85, Cl. 585-463.000.
- Johnson, Thomas M.: *See—*
  - Yudelson, Joseph S.; and Johnson, Thomas M., 4,552,848, Cl. 436-86.000.
- Johnson, Timothy L., to Francis Tool Company. Volumetric measure for granular material. 4,505,407, 3-19-85, Cl. 222-181.000.
- Johnson, Timothy L.: *See—*
  - Bohrer, Philip J.; Higashi, Robert E.; Johnson, Timothy L.; and Satren, Ernest A., 4,555,939, Cl. 73-198.000.
- Johnson, Timothy W.; and Stone, Mark L., to Phillips Petroleum Company. Poly(arylene sulfide) electrical component. 4,527,219, 7-2-85, Cl. 361-323.000.
- Johnson, Timothy W.; and Mueller, Francis X., Jr., to Phillips Petroleum Company. Poly(arylene sulfide) composition, molding method and article of manufacture. 4,529,769, 7-16-85, Cl. 524-425.000.
- Johnson, Timothy W.; and Banasiak, Dennis S., to Phillips Petroleum Company. Inhibition of water treeing in polymers of ethylene. 4,535,116, 8-13-85, Cl. 524-385.000.
- Johnson, Timothy W.; and Stone, Mark L., to Phillips Petroleum Company. Conductive patterns in polymeric films. 4,540,620, 9-10-85, Cl. 428-195.000.
- Johnson, Vaino A. Portable tree stand. 4,553,635, 11-19-85, Cl. 182-187.000.
- Johnson, Violet M. Support cushion. 4,512,047, 4-23-85, Cl. 5-432.000.
- Johnson, W. Grant. Valve structure for an oral evacuator system. 4,522,592, 6-11-85, Cl. 433-95.000.
- Johnson, Wade M., Jr.; and Angehrn, Jorg A., to Dresser Industries, Inc. Dynamic range control of electrode pad current in well logging tools. 4,514,809, 4-30-85, Cl. 364-422.000.
- Johnson, Wallace R.; and Beem, W. Wayne, to Outboard Marine Corporation. Operation control for electric outboard motor. 4,518,362, 5-21-85, Cl. 440-6.000.
- Johnson, Walter E., Jr., to SCM Corporation. Process for the isomerization of limonene to terpinolene. 4,551,570, 11-5-85, Cl. 585-355.000.
- Johnson, Warren F.: *See—*
  - Stowe, Lawrence R.; and Johnson, Warren F., 4,548,252, Cl. 166-299.000.
- Johnson, Warren K.; Goettsch, Michael R.; and Olson, Archie H., to Glenwood Manufacturing Corporation. Waste material agitator. 4,519,714, 5-28-85, Cl. 366-285.000.
- Johnson, Wildey E.: *See—*
  - Case, William R.; and Johnson, Wildey E., 4,555,767, Cl. 364-563.000.
- Johnson, Wilfred B. Heating and cooling system using ground air. 4,523,519, 6-18-85, Cl. 98-31.000.
- Johnson, Wilfred B. Twin piston-per-cylinder engine. 4,554,894, 11-26-85, Cl. 123-53.0AA.
- Johnson, Wilfred V.: *See—*
  - Logan, Frank G.; and Johnson, Wilfred V., 4,491,352, Cl. 285-373.000.
- Johnson, Willard L. Filter machine. 4,519,903, 5-28-85, Cl. 210-94.000.
- Johnson, William B. Fluidized bed combustion apparatus and method. 4,539,939, 9-10-85, Cl. 122-4.00D.
- Johnson, William C. Mouse trap game. 4,508,352, 4-2-85, Cl. 273-274.000.
- Johnson, William C.: *See—*
  - Bailen, Eddie H.; Rasmussen, David H.; and Johnson, William C., 4,522,615, Cl. 493-37.000.
- Johnson, William E. Protective cover for waterfowl callers. 4,551,112, 11-5-85, Cl. 446-207.000.
- Johnson, William H. Energy efficient curing and drying system. 4,499,911, 2-19-85, Cl. 131-302.000.
- Johnson, William H. Portable mixing device. 4,538,922, 9-3-85, Cl. 366-318.000.
- Johnson, William K.; and Ferrero, Jaime, to International Jensen Incorporated. Cammed latching system for loudspeaker and grille. 4,503,292, 3-5-85, Cl. 179-178.000.
- Johnson, William K., to International Jensen Incorporated. Speaker grille with snap-in fastener system. 4,550,230, 10-29-85, Cl. 179-178.000.
- Johnson, William N. Boot or shoe incorporating pedometer or the like. 4,510,704, 4-16-85, Cl. 36-136.000.
- Johnson, William N.: *See—*
  - Goddard, John B.; and Johnson, William N., 4,508,701, Cl. 423-61.000.
- Johnson, William R.; and Pfister, Larry E., to United States Steel Corporation. Method for the electrodeposition of an iron-zinc alloy coating and bath therefor. 4,540,472, 9-10-85, Cl. 204-28.000.
- Johnson, William R., Jr.: *See—*
  - Thompson, Larry D.; and Johnson, William R., Jr., 4,530,727, Cl. 148-2.000.
- Johnson, Wilma J., legal representative: *See—*
  - Johnson, Roy B., deceased; and Ristvedt, Victor G., 4,531,531, Cl. 133-3.00A.
  - Johnson, Roy B., deceased; and Ristvedt, Victor G., 4,549,561, Cl. 133-3.00A.
- Johnsrud, David R.: *See—*
  - Lamparter, Richard A.; Barna, Bruce A.; and Johnsrud, David R., 4,542,239, Cl. 562-487.000.
- Johnsson, Agneta I.: *See—*
  - Carlstrom, Elis; Johnsson, Agneta I.; and Hermansson, Leif A. G., 4,534,936, Cl. 419-36.000.

Johnsson, Bo A.; Losell, Ingvar E.; and Palmqvist, Sune H., to Gambro Cardio AB. Apparatus for the transfer of one or more substances between a gas and a liquid. 4,533,516, 8-6-85, Cl. 422-46.000.

Johnston, Albert D., to General Motors Corporation. Roller clutch adjustable force spring mount. 4,549,638, 10-29-85, Cl. 192-45.000.

Johnston, Andrew E.: *See—*

MacInnes, Hugh; Meyer, Jon A.; Johnston, Andrew E.; and Fort, John W., Jr., 4,504,187, Cl. 415-1.000.

Johnston, Arthur M., to Coal Industry (Patents) Limited. Dust assessment apparatus and method. 4,555,933, 12-3-85, Cl. 73-28.000.

Johnston, Barry: *See—*

Brain, Charles; and Johnston, Barry, 4,532,143, Cl. 426-577.000.

Johnston, Burdith W.: *See—*

Mawby, Harold S.; and Johnston, Burdith W., 4,543,800, Cl. 62-339.000.

Johnston, Calvin M. Apparatus for applying and working a cleansing preparation on contact lenses. 4,504,994, 3-19-85, Cl. 15-104.920.

Johnston, Charles R.; and Green, Gregory M., to Container Products Corp. Vacuum spray head. 4,521,935, 6-11-85, Cl. 15-322.000.

Johnston, Christian W.: *See—*

Gould, Francis E.; and Johnston, Christian W., 4,496,535, Cl. 424-19.000.

Johnston, David B. R., to Merck & Co., Inc. N-[2-Amino-5-halo-6-(substituted)-3-(pyrazinyl)-methylene]amine antimicrobial compounds. 4,507,299, 3-26-85, Cl. 514-255.000.

Johnston, David B. R., to Merck & Co., Inc. 3-acyl-2-amino-5-halo-6-(substituted)pyrazine antimicrobial compounds. 4,512,991, 4-23-85, Cl. 514-252.000.

Johnston, David B. R., to Merck & Co., Inc. 2-amino-3,5-dicyano-6-(substituted)pyrazine antimicrobial compounds. 4,517,186, 5-14-85, Cl. 514-255.000.

Johnston, David B. R., to Merck & Co., Inc. 2-amino-3-cyano-5-halo-6-(substituted)pyrazine. 4,518,599, 5-21-85, Cl. 514-255.000.

Johnston, David E., to George Angus & Company Limited. Shaft seal. 4,519,616, 5-28-85, Cl. 277-152.000.

Johnston, David F.: *See—*

Buckley, John D.; Swaim, Robert J.; Fox, Robert L.; and Johnston, David F., 4,521,659, Cl. 219-10.770.

Johnston, Donald A.: *See—*

Jones, Stephen K.; and Johnston, Donald A., 4,507,794, Cl. 375-55.000.

Johnston, Douglas, to John Blue Company, a Division of Burnley Corporation. Boomless, sprayer for field application for agricultural liquids. 4,519,542, 5-28-85, Cl. 239-1.000.

Johnston, Everett A.: *See—*

Bonini, Bruno; Cook, Raymond G.; Holdren, Carl F.; and Johnston, Everett A., 4,533,098, Cl. 244-110.00B.

Johnston, Gary M.; and Ciupak, Leonard A. Method and apparatus for conveying a flexible, imperforate member through a fluid. 4,534,635, 8-13-85, Cl. 354-322.000.

Johnston, George C.; and Swieboda, Michael A., to International Jensen Incorporated. Loudspeaker diaphragm and method for making same. 4,518,642, 5-21-85, Cl. 428-172.000.

Johnston, Gordon L., to Donaldson Company, Inc. Filter element. 4,507,203, 3-26-85, Cl. 210-445.000.

Johnston, Harold; and Benoit, Richard E., to Northern Telecom Limited. Entrance terminal for telecommunications cables. 4,516,818, 5-14-85, Cl. 339-36.000.

Johnston, Howard; and Troxell, Lillian H., to Dow Chemical Company, The. Herbicidal trifluoromethyl pyridinyloxyphenoxy and pyridinylthiophenoxy propanenitriles and derivatives thereof. 4,491,468, 1-1-85, Cl. 71-94.000.

Johnston, Howard; and Troxell, Lillian H., to Dow Chemical Company, The. Preparation of trifluoromethyl pyridinyloxyphenoxy propanoic acids and propanols and derivatives thereof. 4,523,017, 6-11-85, Cl. 546-302.000.

Johnston, Howard; and Troxell, Lillian H., to Dow Chemical Company, The. Herbicidal trifluoromethyl pyridinyloxyphenoxy and pyridinylthiophenoxy propanols and derivatives thereof. 4,551,170, 11-5-85, Cl. 71-94.000.

Johnston, Ian F.; and Houseman, John, to Pickering Fuel Resources, Inc. Fuel pellets. 4,529,407, 7-16-85, Cl. 44-21.000.

Johnston, James J., to Brand-Rex Company. Electrical connector and method for terminating solid conductors. 4,498,723, 2-12-85, Cl. 339-97.00P.

Johnston, James J.; and Glynn, Gregory L., to Akzona Incorporated. Electrical conductor assembly. 4,533,790, 8-6-85, Cl. 174-115.000.

Johnston, James J., to Brand-Rex Company. Electrical connector assembly. 4,541,680, 9-17-85, Cl. 339-98.000.

Johnston, James P.: *See—*

Herbots, Ivan; Johnston, James P.; and Walker, John R., 4,561,991, Cl. 252-118.000.

Johnston, James R., to National Manufacturing Co. Door frame construction. 4,494,354, 1-22-85, Cl. 52-814.000.

Johnston, James S., to Rosemount Engineering Company Limited. Differential pressure sensing apparatus. 4,499,373, 2-12-85, Cl. 250-231.00P.

Johnston, Jeffrey J.: *See—*

Ladewski, Chester T.; Chapman, Harry A.; and Johnston, Jeffrey J., 4,531,215, Cl. 371-67.000.

Johnston, John E.; Bloch, Ricardo; Ver Strate, Gary W.; and Song, W. R., to Exxon Research & Engineering Co. Lubricating oil compositions containing ethylene-alpha-olefin polymers of controlled sequence distribution and molecular heterogeneity. 4,507,515, 3-26-85, Cl. 585-12.000.

Johnston, Kenneth R. Self-greasing bearing. 4,509,869, 4-9-85, Cl. 384-462.000.

Johnston, Laverne, to LaMere, Dan, a part interest. Pacifier cover. 4,493,324, 1-15-85, Cl. 128-360.000.

Johnston, Lawton L.; and Brandon, Craig A. Mercerization process and apparatus. 4,520,520, 6-4-85, Cl. 8-151.000.

Johnston, Loren B., Jr., to RCA Corporation. System for segmentally refreshing the stored electron gun drive voltages of a flat panel display device. 4,500,815, 2-19-85, Cl. 315-366.000.

Johnston, Lyman. Support belt and buckle therefor. 4,528,700, 7-16-85, Cl. 2-338.000.

Johnston, Margaret I.: *See—*

Torrence, Paul F.; Johnston, Margaret I.; and Imai, Jiro, 4,515,781, Cl. 514-46.000.

Johnston, Mark E.: *See—*

Tullis, Barclay J.; Parikh, Mihir; Thrasher, David L.; and Johnston, Mark E., 4,532,970, Cl. 141-98.000.

Johnston, Orin B. Forming bead seal in biaxially oriented polymer film by heat bonding. 4,531,997, 7-30-85, Cl. 156-498.000.

Johnston, Otis: *See—*

Porter, James A., Jr.; Shivers, Joe D.; Rozycki, Marek; and Johnston, Otis, 4,496,015, Cl. 180-9.260.

Johnston, Paul D., to Genentech, Inc. Removal of impurities from human leukocyte interferon preparations. 4,534,906, 8-13-85, Cl. 260-112.00R.

Johnston, Paul M., to Westinghouse Electric Corp. Electronic display apparatus using time multiplexed data and control signals. 4,511,894, 4-16-85, Cl. 340-756.000.

Johnston Pump/General Valve, Inc.: *See—*

Williams, Kenneth R.; McClaran, Mark R.; and Giacobbi, Peter D., 4,491,145, Cl. 137-312.000.

Johnston, Ralph H.; Munden, Curtis D.; and Sheldrake, Leonard J., to General Motors Corporation. Vehicle electrical energy management system. 4,536,697, 8-20-85, Cl. 322-14.000.

Johnston, Reed H., to New England Power Service Company. Method for communication utilizing multi-mode reception. 4,559,520, 12-17-85, Cl. 340-310.00R.

Johnston, Robert J.; Layciak, Stephen G.; and Colista, Dominic, to Westinghouse Electric Corp. Pushbutton interlock. 4,539,860, 9-10-85, Cl. 74-483.0PB.

Johnston, Russell A., to Camco, Incorporated. Keyhole mandrel with insert pocket. 4,498,533, 2-12-85, Cl. 166-117.500.

Johnston, Russell A., to Camco, Incorporated. Soft set and pull latch and setting tool for a well measuring instrument. 4,538,681, 9-3-85, Cl. 166-125.000.

Johnston, Russell A., to Camco, Incorporated. Offset open bore side-pocket mandrel. 4,541,482, 9-17-85, Cl. 166-117.500.

Johnston, Stephen P., to S. J. Electro Systems Inc. Mercury switch. 4,529,854, 7-16-85, Cl. 200-222.000.

Johnston, Thomas F., Jr.: *See—*

Witte, Kenneth G.; and Johnston, Thomas F., Jr., 4,514,849, Cl. 372-29.000.

Johnston, Thomas J., to Reynolds Metals Company. Composite pellet for use as a carbothermic reduction feed. 4,491,471, 1-1-85, Cl. 75-0.50R.

Johnston, Vaughn R., to Washington Rotating Control Heads. Drilling head method and apparatus. 4,531,591, 7-30-85, Cl. 175-57.000.

Johnstone, James S.: *See—*

Lax, David R.; Page, Michael; and Johnstone, James S., 4,537,076, Cl. 73-662.000.

Johnstone, Norman E.; and Kehoe, John R., to United States Gypsum Company. Paper having calcium sulfate mineral filler for use in the production of gypsum wallboard. 4,548,676, 10-22-85, Cl. 162-135.000.

Johnstone, Richard; and Kirkham, Edward E., to Kearney & Trecker Corporation. Adaptive control system for machine tool or the like. 4,514,123, 4-30-85, Cl. 409-231.000.

Johnstone, Richard; and Kirkham, Edward E., to Kearney & Trecker Corporation. Adaptive control system for machine tool or the like. 4,527,661, 7-9-85, Cl. 184-6.100.

Johnstone, Richard, to Kearney & Trecker Corporation. Motorized ball nut. 4,533,859, 8-6-85, Cl. 318-661.000.

Johnstone, Robert M.: *See—*

MacDonald, Robert D., Jr.; Luca, William A.; and Johnstone, Robert M., 4,561,203, Cl. 40-570.000.

Johoku Kogyo Kabushiki Kaisha: *See—*

Wakuta, Koichi, 4,538,582, Cl. 123-538.000.

Johs. Girmes & Co. AG: *See—*

Stauder, Ernst; and Hoffe, Gerhard, 4,548,850, Cl. 428-88.000.

Johst, Willy; and Elsass, Henrik. Liquid ring pump. 4,523,893, 6-18-85, Cl. 417-68.000.

Joiner, James R., Jr., to Du Pont de Nemours, E. I., and Company. Flexible, nonstaining topcoat for an X-ray intensifying screen. 4,491,620, 1-1-85, Cl. 428-421.000.

Joiner, Ronald E., Jr., to Xerox Corporation. Adaptive prediction for binary encoded documents containing a mixture of text, line drawings and halftones. 4,559,563, 12-17-85, Cl. 358-260.000.

Joint Medical Products Corp.: *See—*

DeCarlo, Alfred F., Jr., 4,524,467, Cl. 603-22.000.

Jokel, Isidore. Window intrusion barrier. 4,532,734, 8-6-85, Cl. 49-55.000.

Joker System Aktiebolag: *See—*

Jostler, Jan, 4,558,556, Cl. 53-459.000.

Joker System Aktiebolaget: *See—*

Jostler, Jan, 4,493,683, Cl. 493-225.000.

- Jolidon, Synese: *See—*
  - Tenud, Leander; and Jolidon, Synese, 4,552,983, Cl. 564-200.000.
  - Tenud, Leander; and Jolidon, Synese, 4,558,158, Cl. 564-194.000.
- Jolissaint, Charles H., to Rolm Corporation. Interconnecting apparatus for a distributed switching telephone system. 4,494,229, 1-15-85, Cl. 370-58.000.
- Jolivet, Jean-Claude R.: *See—*
  - Clapp, Craig S. K.; Shilston, Norman L.; Jolivet, Jean-Claude R.; Devimeux, Daniel P.; and Riou, Armand, 4,562,466, Cl. 358-133.000.
- Jolivet, Pierre: *See—*
  - Raynaud, Jacques; Darmois, Jean; Jolivet, Pierre; and Guillot, Jean, 4,531,693, Cl. 244-52.000.
- Jolley, Jack, Jr.: *See—*
  - Maddox, James P.; Jolley, Jack, Jr.; Drobnick, Louis W.; and Amend, William E., 4,502,839, Cl. 415-202.000.
- Jolley, Michael E.: *See—*
  - Wang, Chao-Huei J.; Stroupe, Stephen D.; and Jolley, Michael E., 4,492,762, Cl. 436-537.000.
  - Wang, Chao-Huei J.; and Jolley, Michael E., 4,544,546, Cl. 424-7.100.
- Jolliff, William L. Fishing line release mechanism. 4,513,524, 4-30-85, Cl. 43-43.120.
- Jolly, Jean: *See—*
  - Martel, Jacques; Tessier, Jean; Demoute, Jean-Pierre; and Jolly, Jean, 4,513,147, Cl. 562-506.000.
- Joly, Arthur, to S.A. Joy & Cie. Method of wrapping a spool with metallic ribbon. 4,541,222, 9-17-85, Cl. 53-399.000.
- Jomo Jigs AB: *See—*
  - Josza, Janos, 4,502,907, Cl. 156-349.000.
- Jonas Brothers, Inc.: *See—*
  - Van Veen, Onno; and Knobloch, Dale B., 4,544,361, Cl. 434-296.000.
- Jonas, Friedrich: *See—*
  - von Bonin, Wulf; and Jonas, Friedrich, 4,529,742, Cl. 521-107.000.
- Jonas, Jules: *See—*
  - Lair, Clair K.; Jonas, Jules; and Anderson, Keith D., 4,522,356, Cl. 244-3.150.
- Jonas, Reinhard: *See—*
  - Flackett, Dale R.; Jonas, Reinhard; and Trego, Brian R., 4,546,017, Cl. 427-387.000.
- Jonas, Rodger H.; Beel, Joseph W.; and Lynch, William R., to General Foods Corporation. Cacao product and process therefor. 4,532,147, 7-30-85, Cl. 426-655.000.
- Jonas, Rolf, to Kim Production Limited. Diaphragm valve. 4,505,451, 3-19-85, Cl. 251-285.000.
- Jonasson, Kjell, to AB Volvo. Safety belt arrangement in motor vehicles. 4,541,654, 9-17-85, Cl. 280-801.000.
- Jonasson, Staffan M. O., to Frigoscandia Contracting AB. Method and apparatus for removing frost deposits from cooling-coil batteries. 4,528,820, 7-16-85, Cl. 62-80.000.
- Jonath, Arthur D.: *See—*
  - Hartog, Jan J.; Bellin, Jack L.; Knollman, Gilbert C.; and Jonath, Arthur D., 4,538,462, Cl. 73-577.000.
- Jonckers, Kees; Van Nassau, Petrus J. M.; and Biermans, Andreas J., to Unie van Kunstmestfabrieken B.V. Process for the preparation of urea. 4,539,077, 9-3-85, Cl. 203-49.000.
- Jonckers, Kees: *See—*
  - van Nassau, Petrus J. M.; Biermans, Andreas J.; Jonckers, Kees; and de Cooker, Mario G. R. T., 4,540,813, Cl. 564-71.000.
- Jondahl, Joseph S. Sanitary food dispenser. 4,509,450, 4-9-85, Cl. 118-20.000.
- Jonelis, John A. Electrostatic precipitator construction having movable spacers. 4,519,818, 5-28-85, Cl. 55-130.000.
- Jonelis, Robert E. Apparatus and method for straightening electrostatic precipitator collector plates. 4,516,992, 5-14-85, Cl. 55-145.000.
- Jones, Addison B.; and Plonski, Siegfried G., to Rockwell International Corporation. Embedded absorber X-ray mask and method for making same. 4,536,882, 8-20-85, Cl. 378-35.000.
- Jones, Adrian D. Low frequency muffler. 4,501,341, 2-26-85, Cl. 181-250.000.
- Jones, Andrew: *See—*
  - Chaplin, George B. B.; Jones, Andrew; and Jones, Owen, 4,527,282, Cl. 381-71.000.
- Jones, Andrew J. S.; Olson, Kenneth C., and Shire, Steven J., to Genentech, Inc. Purification and activity assurance of precipitated heterologous proteins. 4,512,922, 4-23-85, Cl. 260-112.00R.
- Jones, Arfon H.; and Cutler, Raymond A., to Terra Tek, Inc. Hollow proppants and a process for their manufacture. 4,547,468, 10-15-85, Cl. 501-33.000.
- Jones, Arthur A., to Nautilus Sports/Medical Industries, Inc. Exercising apparatus and method. 4,493,485, 1-15-85, Cl. 272-126.000.
- Jones, Arthur A., to Nautilus Sports/Medical Industries, Inc. Weight lifting lower back exercising machine. 4,500,089, 2-19-85, Cl. 272-117.000.
- Jones, Arthur A., to Nautilus Sports/Medical Industries, Inc. Compound weight lifting exercising machine. 4,511,137, 4-16-85, Cl. 272-118.000.
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  - Lewarchik, Ronald J.; Murray, Kevin P.; Donovan, Marcella G.; and Jones, Arthur T., 4,526,939, Cl. 525-438.000.
- Jones, Bobby L. Foldable carrying device. 4,526,414, 7-2-85, Cl. 294-143.000.
- Jones, Brian D. Connector system. 4,493,172, 1-15-85, Cl. 52-220.000.
- Jones, Brian D. Oil well evacuation system. 4,552,220, 11-12-85, Cl. 166-369.000.
- Jones, Bryan E.; and Kunesch, Anthony M., to Film Cooling Towers Limited. Undulating heat exchange packing. 4,512,938, 4-23-85, Cl. 261-112.000.
- Jones, Bryan F.: *See—*
  - Denbigh, Paul L.; Seddon, Richard J.; and Jones, Bryan F., 4,539,511, Cl. 313-624.000.
- Jones, C. A.; and Sofranko, John A., to Atlantic Richfield Company. Methane conversion. 4,495,374, 1-22-85, Cl. 585-500.000.
- Jones, C. Andrew; and Sofranko, John A., to Atlantic Richfield Company. Methane conversion. 4,499,322, 2-12-85, Cl. 585-500.000.
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- Jones, C. Andrew; Leonard, John J.; and Sofranko, John A., to Atlantic Richfield Company. Methane conversion. 4,560,821, 12-24-85, Cl. 585-500.000.
- Jones, C. Andrew: *See—*
  - Sofranko, John A.; and Jones, C. Andrew, 4,544,784, Cl. 585-500.000.
- Jones, C. David: *See—*
  - Ward, John S.; and Jones, C. David, 4,522,758, Cl. 260-397.500.
  - Zimmerman, Ronald E.; Burck, Philip J.; Jones, C. David; and Thakkar, Arvind L., 4,493,699, Cl. 604-55.000.
- Jones, Cameron W.: *See—*
  - Alonso, Sydney A.; and Jones, Cameron W., 4,554,855, Cl. 84-122.000.
- Jones, Cecil M., to Norton Company. Chromia-magnesia ramming cement. 4,507,395, 3-26-85, Cl. 501-115.000.
- Jones, Cecil M., to Norton Company. Mortar. 4,533,644, 8-6-85, Cl. 501-17.000.
- Jones, Charles; Gigon, Richard M.; and Blum, Edward J., to John Deere Technologies International, Inc. Rotary engine cooling system. 4,531,900, 7-30-85, Cl. 418-61.00A.
- Jones, Charles B.: *See—*
  - Gebrian, Peter L.; and Jones, Charles B., 4,495,014, Cl. 156-80.000.
- Jones, Charles D.: *See—*
  - Hirsch, Kenneth S.; Jones, Charles D.; Taylor, Harold M.; and Winter, Mark A., 4,560,695, Cl. 514-372.000.
- Jones, Charles E., to Moore Business Forms, Inc. Protective binder. 4,511,298, 4-16-85, Cl. 412-34.000.
- Jones, Charles E.; and Weiss, Mark A., to FMC Corporation. Encapsulated bleach composition and method of preparation. 4,526,699, 7-2-85, Cl. 252-99.000.
- Jones, Charles E.: *See—*
  - Downey, Gale D.; and Jones, Charles E., 4,537,708, Cl. 252-554.000.
  - Downey, Gale D.; and Jones, Charles E., 4,544,494, Cl. 252-135.000.
- Jones, Charles U.: *See—*
  - Mainwaring, David E.; and Jones, Charles U., 4,539,010, Cl. 44-1.00C.
- Jones, Clarence L., to Pitre-Jones. Process for producing blended d-Limonene and uses of the blended product. 4,533,487, 8-6-85, Cl. 252-170.000.
- Jones, Clarence O., Jr., to Niagara Machine & Tool Works. Punch-clamping construction for presses. 4,506,538, 3-26-85, Cl. 72-481.000.
- Jones, Clyde B. Hydrofoil control. 4,517,912, 5-21-85, Cl. 114-275.000.
- Jones, Corey N.; and Chapline, Thomas, to PSI Associates, Inc. Educational device for teaching collating skills. 4,504,235, 3-12-85, Cl. 434-219.000.
- Jones, Corey N.; and Hawkins, Patricia A., to PSI Associates, Inc. Educational device for teaching the proper placement of information. 4,533,329, 8-6-85, Cl. 434-219.000.
- Jones, Dale G.: *See—*
  - Elliott, Henry H.; Lepovitz, Lawrence R.; and Jones, Dale G., 4,544,379, Cl. 55-71.000.
- Jones, Dana P.: *See—*
  - Schimmel, William P.; Barker, Clifford S.; and Jones, Dana P., 4,526,747, Cl. 419-8.000.
- Jones, Daniel P., to Reliability, Inc. Burn-in clock monitor. 4,507,544, 3-26-85, Cl. 219-209.000.
- Jones, Daniel T. Scooterboard. 4,552,372, 11-12-85, Cl. 280-87.04R.
- Jones, David A.; and Maust, Daniel A., to Drackett Company, The. Broom shroud. 4,541,139, 9-17-85, Cl. 15-171.000.
- Jones, David A., Jr.: *See—*
  - Hansen, Donald W., Jr.; Jones, David A., Jr.; Mazur, Robert H.; and Schlatter, James M., 4,495,178, Cl. 514-17.000.

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Jones, Dennis J.; and Kunz, Gary L., to Hart-Carter Company. Chaffer slat. 4,511,466, 4-16-85, Cl. 209-395.000.

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Jones, Donald D., to Elwood Manufacturing Company. Hydraulically actuated high torque, quick engagement clutch assembly. 4,509,626, 4-9-85, Cl. 192-85.0AA.

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Jones, Donald J., to Wang Laboratories, Inc. Interfacing a communication network. 4,543,654, 9-24-85, Cl. 370-94.000.

Jones, Donald K.: *See—*

Ackermann, Albert B.; Jones, Donald K.; and Holey, Timothy M., 4,512,539, Cl. 244-137.00P.

Jones, Donald W.; and Miller, Timothy J. E., to General Electric Company. Permanent magnet rotor with complete amortisseur. 4,506,181, 3-19-85, Cl. 310-156.000.

Jones, Donald W., to General Electric Company. Method of making permanent magnet rotor. 4,525,925, 7-2-85, Cl. 29-598.000.

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Jones, Edward M., Jr., to Chemical Research & Licensing Company. Contact structure for use in catalytic distillation. 4,536,373, 8-20-85, Cl. 422-211.000.

Jones, Edwin R., Jr., to CJM Associates. Three-dimensional video apparatus and methods using composite and mixed images. 4,528,587, 7-9-85, Cl. 358-92.000.

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Fontaine, Paul I.; Jones, Evan T. R.; and Batham, John K., 4,561,894, Cl. 75-257.000.

Jones, Flave L.; and Kelly, Mark L., to American Home Products Corporation (Del.). Method for recording medical information on a strip chart. 4,513,295, 4-23-85, Cl. 346-33.0ME.

Jones, Fletcher, to International Business Machines Corporation. Electron beam lithography proximity correction method. 4,520,269, 5-28-85, Cl. 250-492.200.

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Jones, Robert A.; Jones, Frank; and Taylor, Graham, 4,554,091, Cl. 252-187.250.

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Jones, Frank D.: *See—*

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Jones, Frederick W. S.; and Smith, Frank, to C-I-L Inc. Use of high silicon Cr Ni steel in H_2SO_4 manufacture. 4,543,244, 9-24-85, Cl. 423-522.000.

Jones Futura Foundation, Ltd.: *See—*

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Jones, Gardner D., Jr., to International Business Machines Corporation. Interleaved digital data and voice communications system apparatus and method. 4,528,659, 7-9-85, Cl. 370-80.000.

Jones, Gary A., to Pertron Controls Corporation. System for calculating the root mean square (RMS) current in a resistance welding system. 4,516,008, 5-7-85, Cl. 219-109.000.

Jones, Gary V.; Meinhold, James F.; and Musto, Joseph A., to General Foods Corporation. Non-caffeine solids recovery process. 4,505,940, 3-19-85, Cl. 426-424.000.

Jones, Gary W.: *See—*

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Jones, Gladys M.: *See—*

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Jones, Graham P.: *See—*

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Jones, Graham R., to Inoventors Limited. Reflective road studs. 4,504,169, 3-12-85, Cl. 404-11.000.

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Jones, Harold T.: *See—*

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Jones, Hartl R.: *See—*

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Jones, Herman S.; and Blackman, William C., to Cooper Industries, Inc. Power return tape. 4,527,334, 7-9-85, Cl. 33-138.000.

Jones, Howard; Magnien, Ernest; Musser, John H.; and Shaikh, Mujahid L., to USV Pharmaceutical Corporation. Bisbenzoxazines and pharmaceutical use. 4,552,876, 11-12-85, Cl. 514-234.000.

Jones, Howard: *See—*

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Loev, Bernard; Jones, Howard; and Suh, John T., 4,491,582, Cl. 424-250.000.

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Loev, Bernard; Jones, Howard; and Suh, John T., 4,505,920, Cl. 514-341.000.

Loev, Bernard; Chan, Wan-Kit; and Jones, Howard, 4,505,930, Cl. 514-529.000.

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Loev, Bernard; Jones, Howard; and Chan, Wan-Kit, 4,523,042, Cl. 568-824.000.

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Jones, Howard P.: *See—*

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Jones, Hoxie D., Sr. Apparatus and method for quick release mechanism for animal trap. 4,549,367, 10-29-85, Cl. 43-88.000.

Jones, Hugh D.; and Martinich, Steven J., to GCA Corporation. On-stream cloud point analyzer. 4,519,717, 5-28-85, Cl. 374-17.000.

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Jones, Jack E., to Xerox Corporation. Document belt normal force control. 4,534,551, 8-13-85, Cl. 271-275.000.

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Das, Suryya K.; Boberski, William G.; Greigger, Paul P.; Jones, James E.; Schappert, Raymond F.; and Seiner, Jerome A., 4,522,958, Cl. 523-212.000.

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Swihart, Terence J.; and Jones, James E., 4,528,313, Cl. 524-397.000.

Jones, James F.; Ashby, Ronald E.; and Sinclair, Anthony P., to USM Corporation. Blind fastener setting tool. 4,528,837, 7-16-85, Cl. 72-391.000.

Jones, James F.; and Starr, John B., Jr., to General Electric Company. Preparation of branched polycarbonates by transesterification with a

- triaryl tricarboxylic acid branching agent. 4,550,155, 10-29-85, Cl. 528-176.000.
- Jones, James H.: *See—*
  - Baldwin, John J.; Jones, James H.; and Lundell, George F., 4,501,900, Cl. 548-436.000.
- Jones, Jesse D.; and Hornbaker, Edwin D., to Ethyl Corporation. Thermoplastic PVC molding compositions. 4,510,280, 4-9-85, Cl. 524-178.000.
- Jones, Jesse D., to Ethyl Corporation. Thermoplastic PVC molding compositions. 4,513,108, 4-23-85, Cl. 524-180.000.
- Jones, Jesse D.: *See—*
  - Chung, James Y. J.; Jones, Jesse D.; and Li, Hsueh M., 4,539,352, Cl. 524-109.000.
  - Hornbaker, Edwin D.; and Jones, Jesse D., 4,526,923, Cl. 524-502.000.
  - Mueller, Warren B.; and Jones, Jesse D., 4,506,049, Cl. 524-139.000.
  - Ragan, Gary S.; and Jones, Jesse D., 4,551,485, Cl. 523-212.000.
- Jones, John A., to American Optical Corporation. Respirator cartridge end-of-service life indicator. 4,530,706, 7-23-85, Cl. 55-275.000.
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- Jones, John H.; and Schoenleber, Donald W., to Beatrice Foods Co. Multi-compartment envelope for coupon nesting. 4,520,958, 6-4-85, Cl. 229-72.000.
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  - Tehrani, Abolghassem Y.; Jones, John N.; and Allington, Robert W., 4,545,904, Cl. 210-96.100.
- Jones, John O., Jr.; and White, Charles, Jr. Vibrator for furniture. 4,544,867, 10-1-85, Cl. 318-129.000.
- Jones, John P., Jr.: *See—*
  - Behnke, Albert R., Jr.; Jones, John P., Jr.; Michielsen, Charles E., deceased; and Michielsen, Sophie, legal representative, 4,502,876, Cl. 55-387.000.
- Jones, Joseph W.; and Bishop, Edward W. Horseshoe. 4,496,002, 1-29-85, Cl. 168-4.000.
- Jones, Kenneth R., to Mustang Tripsaver, Inc. Jarring tool. 4,494,615, 1-22-85, Cl. 173-119.000.
- Jones, Kenneth W., to Reed Rock Bit Company. Rotary drill bit having drag cutting elements. 4,554,986, 11-26-85, Cl. 175-397.000.
- Jones, Kent R. Ski training aid. 4,505,681, 3-19-85, Cl. 434-253.000.
- Jones, L. Raymond, Jr.: *See—*
  - Cassidy, John E.; and Jones, L. Raymond, Jr., 4,515,485, Cl. 374-157.000.
- Jones, Larren F.: *See—*
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- Jones, Larry J., to Gard Corporation. Ampule cleaning and quality control system. 4,525,219, 6-25-85, Cl. 134-1.000.
- Jones, Lawrence S.: *See—*
  - Battle, Billy J.; and Jones, Lawrence S., 4,532,957, Cl. 137-375.000.
  - Battle, Billy J.; Graham, Robert M.; Jones, Lawrence S.; Malizio, Andrew B.; and Rhodes, George F., 4,540,204, Cl. 285-231.000.
- Jones, Lawrence T.; Lee, R. Stephen; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., to Universal International Holdings (USA). Toy storage case. 4,527,688, 7-9-85, Cl. 206-315.100.
- Jones, Lawrence T.; Lee Robert S.; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., to California R&D Center. Percussion cap firing toy vehicle and track assembly. 4,534,745, 8-13-85, Cl. 446-398.000.
- Jones, Leon. Dual-control fly-fishing reel. 4,527,753, 7-9-85, Cl. 242-84.51R.
- Jones, Leonard W. N., to James Burn Bindings Limited. Wire binding machines. 4,525,117, 6-25-85, Cl. 412-39.000.
- Jones, Lewis O.: *See—*
  - Boughton, Edward M.; and Jones, Lewis O., 4,526,851, Cl. 430-106.600.
- Jones, Loyd W.; and Alkire, John D., to Standard Oil Company, The. Corrosion inhibitor for amine gas sweetening systems. 4,541,946, 9-17-85, Cl. 252-189.000.
- Jones, Loyd W. Combination corrosion/scale inhibitor. 4,554,090, 11-19-85, Cl. 252-181.000.
- Jones, Mark B.; and Fowler, Allan E., to Dow Chemical Company, The. Selective absorption of SO_2 from gases containing the same. 4,530,704, 7-23-85, Cl. 55-48.000.
- Jones, Martin; and Young, Rodney C., to Smith Kline & French Laboratories Limited. 2-(imidazolyl alkylamino)-3-carboxy(or hydroxy)-pyridines. 4,547,512, 10-15-85, Cl. 514-341.000.
- Jones, Marvin R., to Koomey Blowout Preventers, Inc. Valves. 4,508,313, 4-2-85, Cl. 251-1.00A.
- Jones, Marvin R.; and Howard, Roland M., Jr., to Koomey Blowout Preventers, Inc. Fluid operated, axially reciprocating actuator. 4,519,571, 5-28-85, Cl. 251-1.00A.
- Jones, Marvin R., to Koomey Blowout Preventers, Inc. Flow controlling apparatus. 4,519,577, 5-28-85, Cl. 251-62.000.
- Jones, Marvin R., to Cameron Iron Works, Inc. Rotating blowout preventers. 4,531,580, 7-30-85, Cl. 166-84.000.
- Jones, Mary A.; and Tucker, Donna L. Fitted sheet for lounge chair. 4,536,028, 8-20-85, Cl. 297-224.000.
- Jones, Maurice S., to Smiths Industries Public Limited Company. Indicator instruments. 4,495,806, 1-29-85, Cl. 73-182.000.
- Jones, Michael C., deceased: *See—*
  - Glamkowski, Edward J.; Jones, Michael C., deceased; and Jones, Herbert, administrator, 4,517,311, Cl. 514-462.000.
- Jones, Michael D., to Champion International Corporation. Process for manufacturing a food container by extrusion and vacuum forming. 4,529,464, 7-16-85, Cl. 156-244.240.
- Jones, Michael E., to Eaton Corporation. Vernier control device. 4,537,090, 8-27-85, Cl. 74-502.000.
- Jones, Michael E. B., to Imperial Chemical Industries PLC. Aromatic oligomers and resins. 4,530,992, 7-23-85, Cl. 528-232.000.
- Jones, Michael J. Prismatic straightedge. 4,531,303, 7-30-85, Cl. 33-483.000.
- Jones, Michael M.: *See—*
  - Miller, Walter E., Jr.; Westrich, Richard G., Jr.; and Jones, Michael M., 4,556,313, Cl. 356-1.000.
- Jones, Michael N. Roller pallet system for loading vehicles on a train. 4,543,027, 9-24-85, Cl. 414-400.000.
- Jones, Nelson E., to United States of America, Air Force. Sonic flow plate. 4,547,884, 10-15-85, Cl. 372-58.000.
- Jones, Nigel J.: *See—*
  - Temple, Stephen; Jones, Nigel J.; and Syrop, Alan N., 4,550,472, Cl. 17-1.00R.
- Jones, Owen: *See—*
  - Chaplin, George B. B.; Jones, Andrew; and Jones, Owen, 4,527,282, Cl. 381-71.000.
- Jones, Patrick: *See—*
  - Wilson, Louis D.; and Jones, Patrick, 4,545,247, Cl. 73-473.000.
- Jones, Patrick M.: *See—*
  - Wilson, Louis D.; and Jones, Patrick M., 4,532,804, Cl. 73-478.000.
- Jones, Paul, Jr., to Kayser-Roth Corporation. Footwear having cushion cavity. 4,519,147, 5-28-85, Cl. 36-19.500.
- Jones, Paul W., to Textron, Inc. Apparatus and method of welding nails to wires. 4,532,399, 7-30-85, Cl. 219-117.100.
- Jones, Peter H.: *See—*
  - Moormann, Alan E.; Pitzele, Barnett S.; and Jones, Peter H., 4,523,020, Cl. 548-353.000.
- Jones, Peter W. J.; Plummer, William T.; and Purcell, Dennis W., to Polaroid Corporation. Camera for photographing scale models. 4,498,748, 2-12-85, Cl. 354-79.000.
- Jones, Randy T.: *See—*
  - Lee, Patrick G.; Bean, Donald E.; and Jones, Randy T., 4,517,567, Cl. 343-17.700.
- Jones, Richard A.; and Reoch, William D., to General Motors Corporation. Charging system for nickel-zinc batteries. 4,503,378, 3-5-85, Cl. 320-20.000.
- Jones, Richard A., to Board of Regents, The University of Texas System. Catalysts for hydrogenation of aromatic compounds. 4,506,030, 3-19-85, Cl. 502-155.000.
- Jones, Richard C.; and Powell, John M., to Gulf Research & Development Company. Method and apparatus for dynamically displaying geo-physical information. 4,558,438, 12-10-85, Cl. 367-71.000.
- Jones, Richard D. Distress light and signal system. 4,547,761, 10-15-85, Cl. 340-331.000.
- Jones, Richard H. Expansible tool for reaming frustoconical undercuts in cylindrical holes. 4,502,554, 3-5-85, Cl. 175-285.000.
- Jones, Richard O. Pet feeder assembly. 4,532,891, 8-6-85, Cl. 119-51.0FS.
- Jones, Richard R. Convertible backpack. 4,491,258, 1-1-85, Cl. 224-153.000.
- Jones, Richard W., to General Dynamics, Pomona Division. Seeker-body decoupling system. 4,508,293, 4-2-85, Cl. 244-3.150.
- Jones, Richard W. Apparatus and method for sampling a liquid. 4,527,436, 7-9-85, Cl. 73-863.840.
- Jones, Richard W.: *See—*
  - Lee, Lester H.; Johnson, Kathryn M.; and Jones, Richard W., 4,509,238, Cl. 29-156.80R.
- Jones, Robert; and Thompson, Hubert R., to Certified Grocers of Florida, Inc. Food product transport system. 4,505,126, 3-19-85, Cl. 62-239.000.
- Jones, Robert: *See—*
  - Goldstein, Seth R.; and Jones, Robert, 4,530,698, Cl. 604-271.000.
- Jones, Robert A., to Perkin-Elmer Corporation, The. Automated polisher for cylindrical surfaces. 4,512,107, 4-23-85, Cl. 51-56.00R.
- Jones, Robert A.; and Reichert, Jack R., to Kohler Company. Insulating liner for a water closet tank. 4,536,901, 8-27-85, Cl. 4-416.000.
- Jones, Robert A.; Jones, Frank; and Taylor, Graham, to Lever Brothers Company. Colored bleaching compositions. 4,554,091, 11-19-85, Cl. 252-187.250.
- Jones, Robert C. Apparatus for rupturing carrier bags. 4,555,212, 11-26-85, Cl. 414-412.000.
- Jones, Robert E. Stop motion switch. 4,551,591, 11-5-85, Cl. 200-61.130.
- Jones, Robert I.: *See—*
  - Johnson, Sigurd A.; Avella, Frank S.; and Jones, Robert I., 4,508,305, Cl. 208-455.000.
- Jones, Robert J.; and Chang, Glenn E. C., to TRW Inc. 2,2-bis[(2-halo-4-aminophenoxy)phenyl]-hexafluoropropane. 4,521,623, 6-4-85, Cl. 564-430.000.
- Jones, Robert L.: *See—*
  - Cantrell, Daniel V.; Bryant, Herman G., Jr.; Jones, Robert L.; Maccaferri, Marco A.; and McDaniel, William M., 4,503,869, Cl. 131-336.000.
- Jones, Robert R. Swing away tire carrier and hitch. 4,561,575, 12-31-85, Cl. 224-42.210.
- Jones, Robert W.: *See—*
  - Benedict, George J.; Reed, Edward D., Jr.; and Jones, Robert W., 4,553,244, Cl. 372-95.000.

Guch, Steve, Jr.; Gardner, Phillip J.; Braverman, Leonard W.; and Jones, Robert W., 4,494,235, Cl. 372-23.000.
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Jones, Ronald: *See—*
  Drake, Cyril F.; Jones, Ronald; Bateson, Paul F.; Grant, Ronald J.; and Burrage, Martin E., 4,511,404, Cl. 106-14.120.
  Drake, Cyril F.; and Jones, Ronald, 4,517,006, Cl. 71-64.110.
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Jones, Ronald L., to Instrumentation Laboratory Inc. Fluid sampling. 4,499,053, 2-12-85, Cl. 422-68.000.
Jones, Roy C. Traveling valve assembly. 4,534,715, 8-13-85, Cl. 417-456.000.
Jones, Roydn; Dagostino, Thomas P.; and Navarro, Luis J., to Tektronix, Inc. Method for using a charge coupled device as a peak detector. 4,562,363, 12-31-85, Cl. 307-351.000.
Jones, Russell L.: *See—*
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  Fenton, Frank A.; Booth, Brian; Jones, Stanley P.; and Gennard, Derek, 4,557,744, Cl. 65-29.000.
Jones, Stephen H., to Nordson Corporation. Skin packaging machine having microprocessor-based control. 4,535,582, 8-20-85, Cl. 53-52.000.
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  Berthel, Robert O.; Plank, Vernon G.; Jones, Stephen H.; and Matthews, Anthony J., 4,514,758, Cl. 358-93.000.
Jones, Stephen K., and Johnston, Donald A. Filtered Manchester Coded PSK transmission system. 4,507,794, 3-26-85, Cl. 375-55.000.
Jones, Stephen R., to Standard Telephones and Cables plc. Optical fibre reinstatement. 4,525,312, 6-25-85, Cl. 264-1.500.
Jones, Steve D., to Caterpillar Tractor Co. Log skidding vehicle's pivotable arch structure. 4,529,350, 7-16-85, Cl. 414-494.000.
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  Bright, David E.; and Jones, Steven K., 4,544,841, Cl. 250-221.000.
Jones, Thomas B., to Xerox Corporation. Apparatus for metering marking particles onto a developer roller. 4,502,412, 3-5-85, Cl. 118-658.000.
Jones, Thomas B., to Xerox Corporation. Developer roller metering blade. 4,523,833, 6-18-85, Cl. 355-3.0DD.
Jones, Thomas E., to United States of America, Navy. Metallized synthetic cable. 4,518,632, 5-21-85, Cl. 427-118.000.
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  Szuminski, Gary F.; and Jones, Thomas J., 4,552,309, Cl. 239-265.190.
Jones, Thomas L. Shower mirror apparatus. 4,557,003, 12-10-85, Cl. 4-605.000.
Jones, Thomas M.; and Kendrick, Lucian A., Jr., to Tennessee Valley Authority. Production of high-analysis ammonium orthophosphate suspension fertilizers by a new batch-type process. 4,511,388, 4-16-85, Cl. 71-34.000.
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  Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
  Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.
  Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.
  Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.
  Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
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  Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
  Jenkins, John M., III; Jones, Russell L.; Jones, Thomas M.; and Beret, Samil, 4,543,399, Cl. 526-70.000.
  Rapp, Gunther; Thomas, Erwin; Muenster, Rolf; Caffall, Brodus E.; Cyr, Philip A.; and Jones, Thomas M., 4,491,567, Cl. 423-387.000.
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Jones, William A. Picture-backing foil with depressions and coloring materials therein. 4,499,127, 2-12-85, Cl. 428-14.000.
Jones, William A. Picture. 4,500,571, 2-19-85, Cl. 428-13.000.
Jones, William A. Method of making pictures. 4,551,286, 11-5-85, Cl. 264-1.900.
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Joo, Louis A.; Secrist, Duane R.; Clark, James M.; Tucker, Kenneth W.; and Shaner, Jay R., to Great Lakes Carbon Corporation. Bipolar electrode for Hall-Heroult electrolysis. 4,529,494, 7-16-85, Cl. 204-290.00R.

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Herz, Harold L.; Jobes, Sam S.; Jordan, John D.; Benfey, David P.; and Wheeler, William C., 4,531,181, Cl. 363-21.000.

Jordan, Larry B., to Retsco, Inc. Hydropneumatic cable tensioner. 4,540,159, 9-10-85, Cl. 254-228.000.

Jordan, Lester W.; Loersch, Joseph F.; and Adinolfi, Robert G., to United Technologies Corporation. Weld spatter protective coating. 4,532,403, 7-30-85, Cl. 219-121.0ED.

Jordan, Peter A.; and Underhill, Michael J., to U.S. Philips Corporation. Frequency modulation using a phase modulator. 4,503,405, 3-5-85, Cl. 332-18.000.

Jordan, Richard M.: *See—*
Enright, Philip G.; Hughes, Ian R.; and Jordan, Richard M., 4,522,784, Cl. 420-590.000.

Jordan, Robert K. Chemicals from coal. 4,529,440, 7-16-85, Cl. 75-42.000.

Jordan, Roland H., to Chevron Research Company. Weir-type skimmer employing a wave diffuser. 4,554,070, 11-19-85, Cl. 210-109.000.

Jordan, Ross W. Log holder for use in splitting logs. 4,535,980, 8-20-85, Cl. 269-102.000.

Jordan, Thomas L.: *See—*
Goffman, Martin; and Jordan, Thomas L., 4,511,443, Cl. 204-108.000.

Jordan, Wesley N.: *See—*
Riley, Robert F.; Meyer, Thomas I.; and Jordan, Wesley N., 4,519,662, Cl. 339-94.00R.

Jordan, William D.; Hundt, Roger C.; and Pritchett, James D., to Thermalloy, Inc. Heat sink mounting. 4,521,827, 6-4-85, Cl. 361-386.000.

Jordans, Josef: *See—*
Meurer, Hans; and Jordans, Josef, 4,530,225, Cl. 72-52.000.

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Wittkopf, Eugene W.; Jorgensen, Allen R.; and Daane, Robert A., 4,519,757, Cl. 425-143.000.

Jorgensen, Bernard J., to Lockheed Corporation. Spoiler device for attachment to a leading edge slat. 4,553,721, 11-19-85, Cl. 244-213.000.

Jorgensen, Charles A., to Everede Tool Company. Cutting attachment for boring tool. 4,533,285, 8-6-85, Cl. 408-191.000.

Jorgensen, H. A.: *See—*
Reeves, Robert H., Jr.; Chandler, Don G.; and Jorgensen, H. A., 4,494,583, Cl. 141-83.000.

Jorgensen, Helge D., to Superfos Emballage A/S. Plastic handle assembly. 4,507,821, 4-2-85, Cl. 16-126.000.

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Pedersen, Karsten; Rostrup-Nielsen, Jens R.; and Jorgensen, Ib G. H., 4,511,674, Cl. 518-714.000.
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Elepano, Normita P.; Schnur, William H.; and Jorgensen, Jens L., 4,508,634, Cl. 252-163.000.

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Jorgensen, Jorgen A.; and Nygren, Donald W., to Northland Aluminum Products, Inc. Portable turntable for use in microwave ovens. 4,504,715, 3-12-85, Cl. 219-10.55F.

Jorgensen, Jorgen A.; and Nygren, Donald W., to Northland Aluminum Products, Inc. Low profile food rotator. 4,523,070, 6-11-85, Cl. 219-10.55F.

Jorgensen, Jorgen A.: *See—*
Ishii, Thomas K.; and Jorgensen, Jorgen A., 4,517,432, Cl. 219-10.55F.

Jorgensen, Knut: *See—*
Else, George E.; Millward, Cyril; Dixon, Ronald H. T.; and Jorgensen, Knut, 4,500,352, Cl. 75-130.00B.

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Jorgensen, Pierre, to British Petroleum Company p.l.c., The. Energy extraction from hot gases. 4,509,326, 4-9-85, Cl. 60-39.182.

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Golembeski, Nancy M.; Jorgensen, Robert J.; Cleland, Robert D.; and Noshay, Allen, 4,503,203, Cl. 526-159.000.

Jorgenson, Gordon K., to C-I-L Inc. Borehole charging method including toroidal transformer cores. 4,519,314, 5-28-85, Cl. 102-313.000.

Jorn, Frank: *See—*

Affeld, Klaus; Mohnhaupt, Axel; and Jorn, Frank, 4,559,648, Cl. 623-3.000.

Jorns, Peter; Meyer, Norbert; Rausch, Werner; Rothkegel, Josef; Luckhardt, Gunther; and Volling, Gudrun, to Parker Chemical Company. Process for phosphating metals. 4,559,087, 12-17-85, Cl. 148-6.15Z.

Jorss, Norbert, to Pirzer Co. Pick-up and transfer mechanism for labels or the like. 4,508,330, 4-2-85, Cl. 271-33.000.

Jorss, Norbert, to Messrs. Carl Pirzer Co. Labeling machine. 4,529,469, 7-16-85, Cl. 156-360.000.

Jorss, Norbert, to Pirzer, Carl. Method and means for flow regulation in container filling machines. 4,557,301, 12-10-85, Cl. 141-5.000.

Josam Developments, Inc.: *See—*

Botnick, Irlin H., 4,545,533, Cl. 239-282.000.

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Jose, David L.; Pike, Winthrop S.; and Craft, Jack, to RCA Corporation. Full wave rectifier circuit for small signals. 4,523,105, 6-11-85, Cl. 307-261.000.

Josef Gartner & Co.: *See—*

Gartner, Fritz, 4,541,200, Cl. 49-192.000.

Gartner, Fritz, 4,555,890, Cl. 52-745.000.

Gartner, Karl, 4,518,033, Cl. 165-53.000.

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Braun, Oskar, 4,513,659, Cl. 100-117.000.

Josefek, Kirt L. Lumbar ridge supporting. 4,506,929, 3-26-85, Cl. 297-230.000.

Josefowicz, Jack Y., to Atlantic Richfield Company. Method and apparatus for production of a metal from metallic oxide ore using a composite anode. 4,547,272, 10-15-85, Cl. 204-67.000.

Josefowicz, Jack Y.: *See—*

Rowlette, John J.; Clough, Thomas J.; Josefowicz, Jack Y.; and Sibert, John W., 4,547,443, Cl. 429-217.000.

Josefowitz, Max: *See—*

Kuhl, Wilhelm; Kiefer, Dieter; and Josefowitz, Max, 4,501,430, Cl. 277-59.000.

Josefsson, Bjorn O.: *See—*

Folestad, Sven S.; Galle, Bo G.; Johnson, Lars Goran I.; and Josefsson, Bjorn O., 4,548,498, Cl. 356-318.000.

Josefsson, Lars G.; Svensson, Bengt T.; and Moeschlin, Lars F., to Telefonaktiebolaget LM Ericsson. Impedance matching stripline transition for microwave signals. 4,494,083, 1-15-85, Cl. 333-33.000.

Josefsson, Leif, to Flakt Aktiebolag. Surface treatment plant and a method of ventilating same. 4,537,120. 8-27-85, Cl. 98-115.200.

Joseph Ayers, Inc.: *See—*

Pratt, Charles E., 4,525,307, Cl. 556-182.000.

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Joseph, Beresford C., to Middendorp Electric Co. Pty. Ltd. Electrical switching device. 4,504,742, 3-12-85, Cl. 307-252.00N.

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Cohen, Lawrence B., 4,539,048, Cl. 106-287.170.

Cohen, Lawrence B., 4,539,049, Cl. 106-287.170.

Joseph, Christian: *See—*

Tesson, Gerard; and Joseph, Christian, 4,499,246, Cl. 525-486.000.

Joseph, Claude, to Kerma. Ski pole. 4,508,364, 4-2-85, Cl. 280-821.000.

Joseph, Eric D., to Motorola, Inc. PNP comparator circuit having beta current error cancellation. 4,521,697, 6-4-85, Cl. 307-355.000.

Joseph Galkin Corporation: *See—*

Block, Charles; and Mintz, Leon, 4,527,491, Cl. 112-104.000.

Joseph, Ian N., to Bendix Limited. Pressure proportioning valves. 4,530,544, 7-23-85, Cl. 303-22.00R.

Joseph, Jacques: *See—*

Grall, Georges; Joseph, Jacques; and Lemoine, Claude, 4,510,586, Cl. 367-87.000.

Joseph, James D.: *See—*

Belt, Ronald A.; and Joseph, James D., 4,553,260, Cl. 382-22.000.

Joseph Kieninger Uhrenfabrik GmbH: *See—*

Hepfer, Rolf; and Runzler, Jurgen, 4,508,456, Cl. 368-262.000.

Joseph Vogele AG: *See—*

Axer, Heinrich, 4,493,585, Cl. 404-102.000.

Josephs, Richard M.; and Wang, Tsing-Chow, to Sperry Corporation. Josephson junction latch circuit. 4,501,975, 2-26-85, Cl. 307-277.000.

Josephs, Richard M.: *See—*

Wang, Tsing-Chow; and Josephs, Richard M., 4,509,146, Cl. 365-162.000.

Wang, Tsing-Chow; and Josephs, Richard M., 4,559,459, Cl. 307-462.000.

Josephson, Elliot, to Astec Components, Ltd. Electronic ballast-inverter circuit. 4,513,226, 4-23-85, Cl. 315-219.000.

Josephson, Lee: *See—*

Whitehead, Roy A.; Chagnon, Mark S.; Groman, Ernest V.; and Josephson, Lee, 4,554,088, Cl. 252-62.540.

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Ballard, Philip D.; Goin, Cheryl A.; Josephson, Paul J.; Keller, Andrew D.; Lykins, Larry W.; and Miller, Jeffrey J., 4,502,514, Cl. 141-1.000.

Joshi, David; and Klingaman, Richard, to Colgate-Palmolive Company. Bottled particulate detergent. 4,549,977, 10-29-85, Cl. 252-90.000.

Joshi, David P., to Colgate-Palmolive Company. Translucent soaps and processes for manufacture thereof. 4,493,786, 1-15-85, Cl. 252-368.000.

Joshi, Madhusudan: *See—*

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Cerwin, Robert J.; Joshi, Madhusudan; Menges, John R.; Mericle, Robert W.; and Zwaskis, William J., 4,498,476, Cl. 128-346.000.

Cerwin, Robert J.; Joshi, Madhusudan; Menges, John R.; Mericle, Robert W.; and Zwaskis, William J., 4,550,729, Cl. 128-325.000.

Joshi, Rajendra: *See—*

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Joshua, Henry. Filter-degasser. 4,523,934, 6-18-85, Cl. 55-189.000.

Joslin, Frederick R., to United Technologies Corporation. Electrochemical machining a workpiece uniformly using a porous electrode. 4,522,692, 6-11-85, Cl. 204-129.500.

Joslyn Mfg. and Supply Co.: *See—*

deSouza, Alwyn A.; and Eggendorfer, Andreas J., 4,546,402, Cl. 361-120.000.

Luehring, Elmer L., 4,527,028, Cl. 200-144.00B.

Lusk, George E., 4,494,890, Cl. 403-267.000.

Josquin, Wilhelmus J. M. J., to U.S. Philips Corporation. Method of manufacturing a semiconductor device. 4,533,429, 8-6-85, Cl. 156-643.000.

Josquin, Wilhelmus J. M. J.: *See—*

van Ommen, Alfred H.; Maas, Henricus G. R.; Appels, Johannes A.; and Josquin, Wilhelmus J. M. J., 4,514,251, Cl. 156-628.000.

Josselson, Marc; and Henderson, Doug, to Ralston Purina Company. Slicing apparatus. 4,550,636, 11-5-85, Cl. 83-743.000.

Josserand, Michel: *See—*

Maerfeld, Charles; Josserand, Michel; and Gragnolati, Claude, 4,547,870, Cl. 367-155.000.

Jost, Bernhard. Plant for utilization of wind and waves. 4,495,424, 1-22-85, Cl. 290-53.000.

Jost, Bernhard. Installation for exploiting water currents in flowing waters by means of a plurality of water wheels. 4,511,808, 4-16-85, Cl. 290-54.000.

Jost, Bernhard. Wind propulsion for all types of vehicles and stationary machines. 4,522,600, 6-11-85, Cl. 440-8.000.

Jost, Ernest M., to Chemet Corporation. Electrical contact material comprising silver, cadmium oxide and cupric salt. 4,509,980, 4-9-85, Cl. 75-234.000.

Jost, Jochen: *See—*

Klose, Odo; and Jost, Jochen, 4,532,727, Cl. 40-152.000.

Jost, John W.; and Gallup, Darrell L., to Union Oil Company of California. Inhibiting scale precipitation from high temperature brine. 4,500,434, 2-19-85, Cl. 210-696.000.

Jost, John W.: *See—*

Gallup, Darrell L.; and Jost, John W., 4,537,684, Cl. 210-696.000.

Jost, Jonathan A.: *See—*

Pedersen, Bjorn O.; and Jost, Jonathan A., 4,527,620, Cl. 165-80.00D.

Jost, Karel: *See—*

Simek, Petr; Barth, Tomislav; Brtnik, Frantisek; Jost, Karel; Machova, Alena; Servitova, Linda; and Slantinova, Jirina, 4,508,645, Cl. 260-112.50R.

Jost, Ralph, to Hobas-Engineering AG. Tube coupling. 4,513,996, 4-30-85, Cl. 285-110.000.

Jostad, Ray E.: *See—*

Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.

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Jostler, Jan, to Joker System Aktiebolaget. Method of manufacturing bag-like packaging blanks provided with closure ribbons. 4,493,683, 1-15-85, Cl. 493-225.000.

Jostler, Jan, to Joker System Aktiebolag. Belt having a succession of packaging blanks and method for filling the blanks. 4,558,556, 12-17-85, Cl. 53-459.000.

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Josza, Janos, to Jomo Jigs AB. Device for the manufacture of natural looking model railway tracks. 4,502,907, 3-5-85, Cl. 156-349.000.

Joto Chemical Company, Ltd.: *See—*

Suehisa, Shiro; and Kajiwara, Hideki, 4,545,685, Cl. 366-144.000.

Jotwani, Haresh C.: *See—*

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Jou, W. F.; and Chen, C. N. Safety socket with easy fuse replacement device. 4,492,945, 1-8-85, Cl. 337-229.000.

Jou, Yi-Her; and Bankert, Richard B., to Research Corporation. Coated cells and their use. 4,529,712, 7-16-85, Cl. 436-519.000.

Jouanin, Andre: *See—*

Faure, Michel; Regeffe, Jean Y.; Lumineau, Yves; and Jouanin, Andre, 4,512,790, Cl. 65-13.000.

Joubert, Daniel: *See—*

Godard, Gerard; Joubert, Daniel; and Gagnaire, Philippe, 4,518,516, Cl. 252-91.000.

Joubert, Philippe, to Uranium Pechiney Ugine Kuhlmann. Method of purifying uraniferous aqueous solutions. 4,524,001, 6-18-85, Cl. 210-713.000.

Joubert, Raymond J. M., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Apparatus for rolling and guiding a directable jet nozzle. 4,508,270, 4-2-85, Cl. 239-265.350.

Joubert, Raymond J. M.: *See—*

Forestier, Alexandre; and Joubert, Raymond J. M., 4,527,952, Cl. 416-220.00R.

Jouffrey, Bernard; Trinquier, Jacques; and Franceschi, Jean-Luc, to Centre National de la Recherche Scientifique. Scanning electron

- microscope assembly operating in situ. 4,516,026, 5-7-85, Cl. 250-310.000.
- Jouk, Leo. Folding wheelchair. 4,494,791, 1-22-85, Cl. 297-45.000.
- Joulain, Daniel R., to P. Robert et & Cie [Societe Anomyme]. Perfumes containing polyalkyl substituted indan-1-ones and process for preparing the compounds. 4,541,948, 9-17-85, Cl. 252-522.00R.
- Jouquey, Alain; and Touyer, Gaetan, to Roussel Uclaf. Radioactive stilbene derivatives in radioimmunoassay. 4,529,713, 7-16-85, Cl. 436-545.000.
- Jour, Jean-Paul: *See—*
  - Aulagner, Michel; and Jour, Jean-Paul, 4,508,205, Cl. 198-334.000.
- Jourdain, Charles H.: *See—*
  - Bezard, Jean-Jacques; Jourdain, Charles H.; and Lalanne, Bruno, 4,513,616, Cl. 73-295.000.
  - Bezard, Jean-Jacques; Jourdain, Charles H.; and Lalanne, Bruno, 4,558,456, Cl. 377-25.000.
- Jourdain, Gerard E. A.; and Soligny, Marcel R., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Variable area nozzle vane. 4,541,567, 9-17-85, Cl. 239-265.370.
- Jourdain, Gerard E. A.: *See—*
  - Bouiller, Jean G.; Buisson, Marc F. B.; Jourdain, Gerard E. A.; Sandelis, Denis J. M.; and Urruty, Yves R. A., 4,546,606, Cl. 60-262.000.
- Jourdan, Donovan K.: *See—*
  - Baltz, Gene F.; Clark, Amos M.; Hartke, David J.; and Jourdan, Donovan K., 4,498,434, Cl. 123-187.50R.
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- Jourdan, Jean-Marie; Betelle, Jean; and Bougon, Philippe M. M., to Societe Nationale Industrielle et Aerospatiale. System for producing and distributing electrical energy for vehicles particularly aircraft, as well as an electrical power center for such a system. 4,551,632, 11-5-85, Cl. 307-9.000.
- Jourde, Jean-Pierre; Cmapo-Garraza, Pedro; Miettaux, Marc; and Michaux, Thierry, to Regie Nationale des Usines Renault. Electromagnetic control injection systems for diesel engines of the pressure-time type where the injector needle is controlled by the charging and discharging of a chamber. 4,545,352, 10-8-85, Cl. 123-447.000.
- Jousson, Pierre-Jean: *See—*
  - Moret, Michel-Antoine; Cuenoud, Gerard; and Jousson, Pierre-Jean, 4,561,251, Cl. 60-537.000.
- Jouve, Hubert; and Magnin, Joel, to Commissariat a l'Energie Atomique. Magnetic bubble store with non-implanted motifs and method for controlling the same. 4,525,807, 6-25-85, Cl. 365-36.000.
- Jouve, Hubert; and Magnin, Joel, to Commissariat a l'Energie Atomique. Magnetic bubble memory with unimplanted motifs. 4,535,422, 8-13-85, Cl. 365-36.000.
- Jouve, Hubert: *See—*
  - Boshra-Riad, Mokhtar; Fedeli, Jean-Marc; Jouve, Hubert; and Mauduit, Daniel, 4,493,054, Cl. 365-36.000.
- Jouvet, Adrien; and Duvois, Eric, to Motorola, Inc. Micropackage for identification card. 4,501,960, 2-26-85, Cl. 235-492.000.
- Jovanovic, Nenad, to Bayerische Motoren Werke AG. Arrangement for enabling a pivotal mounting of a tray to a seat back of a seat of a passenger motor vehicle. 4,519,648, 5-28-85, Cl. 297-146.000.
- Jovick, Raymond J.; Malott, Roger J.; and Evans, Thomas E., to Rockwell International Corporation. Mounting device for cylindrical magnetic sensor. 4,510,408, 4-9-85, Cl. 310-168.000.
- Jovy, Herbert; and Schuster, Wilhelm, to Ermital AG. Method of flushing a water closet. 4,510,629, 4-16-85, Cl. 4-332.000.
- Jow, Long J.: *See—*
  - Jow, Long S.; and Jow, Long J., 4,499,793, Cl. 74-866.000.
  - Jow, Long S.; and Jow, Long J., 4,518,067, Cl. 192-0.090.
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- Jow, Long S.; and Jow, Long J., to Transtech Industrial Corporation. Automobile brake device. 4,518,067, 5-21-85, Cl. 192-0.090.
- Jowitt, Frederick W.: *See—*
  - Heathcoat, Michael J.; Jackson, Douglas H.; Jowitt, Frederick W.; Madley, Jack R.; and Stuart, Ian C. E., 4,515,677, Cl. 204-300.0EC.
- Joy, George C., III, to UOP Inc. Catalyst of uranium, platinum and rhodium for converting carbon monoxide, hydrocarbons and nitrogen oxides. 4,526,886, 7-2-85, Cl. 502-339.000.
- Joy Insignia, Inc.: *See—*
  - Jalowsky, Lewis, 4,517,910, Cl. 112-439.000.
- Joy, John R., to Williams International Corporation. Environmental protection system. 4,526,013, 7-2-85, Cl. 62-236.000.
- Joy Manufacturing Company: *See—*
  - Babbitt, Brett A.; and Le, Tri C., 4,516,752, Cl. 251-214.000.
  - Babbitt, Brett A.; Le, Tri C.; and Noble, Bruce P., 4,535,967, Cl. 251-54.000.
  - Bigbie, Burke N.; and Boyd, Gilbert R., 4,541,490, Cl. 166-379.000.
  - Coe, Everett L., Jr., 4,514,195, Cl. 55-152.000.
  - Frey, G. Robert; Chandler, Gregory M.; and King, Richard A., 4,556,117, Cl. 180-89.130.
  - Golobic, Robert A.; and Scott, Michael H., 4,519,715, Cl. 366-343.000.
  - Haynes, Charles W., 4,511,168, Cl. 294-102.200.
  - Hollister, F. Harold; and Meyer, Danny S., 4,515,174, Cl. 137-72.000.
  - Lazarus, Kenneth W., 4,503,879, Cl. 137-315.000.
  - Le, Tri C., 4,556,224, Cl. 277-118.000.
  - McDonald, Robert C.; and Macartney, Derek L., 4,500,228, Cl. 406-61.000.
  - Melhuish, James J., 4,557,524, Cl. 299-64.000.
  - Mullins, Lance A.; and Self, Michael A., 4,535,326, Cl. 340-679.000.
  - Peters, Clifford M., 4,491,154, Cl. 137-625.660.
  - Peters, Clifford M., 4,530,377, Cl. 137-637.200.
  - Saulters, John D.; and Scarr, Roger H., 4,514,796, Cl. 364-142.000.
  - Sitton, Willard J.; and Whaley, William L., 4,515,347, Cl. 251-328.000.
  - Slagle, Richard M., 4,549,119, Cl. 318-11.000.
  - Young, Terry G., 4,494,568, Cl. 137-561.00A.
  - Young, Terry G., 4,510,970, Cl. 137-625.400.
- Joy Manufacturing Holdings Limited: *See—*
  - Frater, John S.; and Pope, David W., 4,521,151, Cl. 415-131.000.
- Joy, Richard W., to United States of America, Energy. Rapidly refuelable fuel cell. 4,560,626, 12-24-85, Cl. 429-27.000.
- Joy, Robert: *See—*
  - Gordon, Gary B.; Joy, Robert; and Lee, Michael J., 4,496,886, Cl. 318-254.000.
- Joyal Products, Inc.: *See—*
  - Szantho, Charles F.; and Riordan, Edward D., 4,504,724, Cl. 219-86.250.
  - Szantho, Charles F.; and Riordan, Edward D., 4,510,370, Cl. 219-86.250.
- Joyama, Norio: *See—*
  - Oiso, Hisayoshi; Joyama, Norio; Fujimoto, Kazuhiro; and Okamoto, Kozo, 4,526,525, Cl. 425-9.000.
- Joyce, Allen E.: *See—*
  - Joyce, Richard E.; and Joyce, Allen E., 4,528,759, Cl. 33-178.00B.
- Joyce, Christopher: *See—*
  - White, Cyril J.; and Joyce, Christopher, 4,498,724, Cl. 339-97.00R.
- Joyce, Hardin, Jr., to Fiat Allis North America, Inc. Tractor scraper hitch steering and suspension system. 4,552,238, 11-12-85, Cl. 180-139.000.
- Joyce, Michael. Two part snap hinge. 4,503,991, 3-12-85, Cl. 220-339.000.
- Joyce, Michael F. Carton with separaters, its blank and apparatus facilitating its erection for use. 4,509,640, 4-9-85, Cl. 206-175.000.
- Joyce, Patrick J., to University of Scranton. Method of administration of chemotherapy to tumors. 4,558,690, 12-17-85, Cl. 128-1.00R.
- Joyce, Peter: *See—*
  - Mackie, David M.; and Joyce, Peter, 4,502,918, Cl. 162-24.000.
- Joyce, Richard E.; and Joyce, Allen E., to Gordon Warren Co. Golf ball gauge. 4,528,759, 7-16-85, Cl. 33-178.00B.
- Joyce, Robert L.: *See—*
  - Sashital, Sanat K.; Joyce, Robert L.; and Gentile, Anthony L., 4,540,461, Cl. 156-624.000.
- Joyce, Thomas W.: *See—*
  - Chang, Hou-min; Joyce, Thomas W.; Kirk, Thomas K.; and Huynh, Van-Ba, 4,554,075, Cl. 210-611.000.
- Joyce, William B.: *See—*
  - Dixon, Richard W.; Joyce, William B.; Koszi, Louis A.; Miller, Richard C.; and Schwartz, Bertram, 4,514,896, Cl. 29-576.00B.
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  - Temperley, Harry D.; and Joynes, Brian, 4,497,175, Cl. 60-581.000.
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  - Pasternak, Eliezer, 4,531,292, Cl. 33-18.00R.
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  - Stasiek, Jan S., 4,497,227, Cl. 81-63.100.
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  - Olmsted, Bruce E., 4,515,032, Cl. 74-473.00R.
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- Juenger, Rudolf, to Akzona Incorporated. Cleaning control through measurement of electrical conductivity. 4,515,641, 5-7-85, Cl. 134-5.000.
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- Juhola, Mauno O.; and Numminen, Matti, to Pohjavahvistus Oy. Means for providing a vertical drain in soil. 4,537,527, 8-27-85, Cl. 405-50.000.
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  - Gosciniak, Guy; Juillard, Yves; Menissier, Pierre; and Moessinger, Albert, 4,509,563, Cl. 139-443.000.
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  - Fujimura, Fumio; Satake, Toshimi; Iwaguro, Makoto; and Minami, Toshiaki, 4,518,977, Cl. 346-209.000.
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  - Rock, Erich; and Brunner, Josef, 4,494,803, Cl. 308-3.800.
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- Jullien, Claude: *See—*
  - Lerude, Gerard; and Jullien, Claude, 4,503,409, Cl. 335-132.000.
- Jullien, Georges, to Novatome. Apparatus for the production of steam by heat exchange between a heat-transfer liquid metal and feed water, comprising several liquid metal/inert gas interfaces. 4,515,109, 5-7-85, Cl. 122-32.000.
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- Jumelle, Louis F.; and Soligny, Marcel R., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.". Sealing device for turbine blades of a turbojet engine. 4,527,385, 7-9-85, Cl. 60-39.070.
- Jumpeter, Alex, to Midland-Ross Corporation. Automatic minimum differential pressure control for dryer cylinders. 4,499,668, 2-19-85, Cl. 34-41.000.
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  - Nishizawa, Jun-ichi; Ito, Kazuomi; and Okuno, Yasuo, 4,526,632, Cl. 148-171.000.
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  - Gassler, Hermann; Joos, Eugen; Jundt, Werner; Kubach, Hans; and Singer, Erich, 4,491,113, Cl. 123-490.000.
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  - Kummer, Martin; Krieg, Uwe; Jundt, Wolfgang; Rieker, Werner; Schadlich, Fritz; and Schaal, Gunter, 4,497,354, Cl. 145-4.000.
- Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, to Vyzkumny ustav bavlnarsky. Apparatus for separating fibers in open-end spinning units. 4,495,762, 1-29-85, Cl. 57-411.000.

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Drury, Alvin C., 4,556,992, Cl. 2-20.000.
Gamm, Paul B., 4,528,998, Cl. 135-75.000.

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Kiesewetter, Holger; Jung, Friedrich; Radtke, Hartmut; and Witt, Reinhard, 4,519,239, Cl. 73-55.000.
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Rentzea, Costin; Spiegler, Wolfgang; and Jung, Johann, 4,515,616, Cl. 71-76.000.
Rieber, Norbert; Platz, Rolf; and Jung, Johann, 4,512,795, Cl. 71-88.000.

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Jung, Rudolf H.: *See—*
Reffert, Rudi W.; Hambrecht, Juergen; Jung, Rudolf H.; and Echte, Adolf, 4,503,219, Cl. 528-481.000.

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Jung-Sun, Lin. Reminder. 4,498,787, 2-12-85, Cl. 368-10.000.

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Jurgens, Rainer; and Jung, Thomas, 4,553,614, Cl. 175-302.000.

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Jungbert, Edward. Railroad axle assembly. 4,529,241, 7-16-85, Cl. 295-39.000.

Jungbluth, Werner W.: *See—*
Gauert, Rolf; and Jungbluth, Werner W., 4,540,284, Cl. 356-350.000.

Jungclaus, Gunther; and Krohn, Ernst-Otto, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Device for preventing buzz in supersonic intakes of air-breathing reaction engines, particularly, ram jet engines. 4,502,651, 3-5-85, Cl. 244-53.00B.

Junge, Bodo; and Muller, Lutz, to Baker Aktiengesellschaft. Saturated aminocyclitol derivatives, their preparation and medicaments containing these compounds. 4,536,493, 8-20-85, Cl. 514-25.000.

Jungen, Hans-Ulrich, to Honeywell Lucifer SA. Pneumatic valve. 4,540,158, 9-10-85, Cl. 251-367.000.

Junger, Martin; and Floegel, Karl, to Lechler GmbH & Co. KG. Ultrasonic liquid atomizer. 4,540,123, 9-10-85, Cl. 239-102.000.

Jungesjo, Harald N., to Anderson-Cook, Inc. Rotary forming machine having tie bar connection. 4,545,230, 10-8-85, Cl. 72-108.000.

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Junghans, Klaus, to Schering Aktiengesellschaft. Process for the preparation of 3-(Δ^4-3-ketosteroid-17α-yl)propionic acid lactones. 4,507,238, 3-26-85, Cl. 260-239.570.

Junghans, Rudi, to Heidelberger Druckmaschinen AG. Ink knife and adjusting device therefor on an ink duct of a rotary printing machine. 4,495,864, 1-29-85, Cl. 101-365.000.

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Griesenbrock, Karl-Heinz; David, Bernd; and Petersen, Carsten, 4,506,764, Cl. 187-9.00E.

Junginger, Erich; Rittsmannsberger, Norbert; and Schnaibel, Eberhard, to Robert Bosch GmbH. Free-wheeling control system for a motor vehicle. 4,509,628, 4-9-85, Cl. 192-0.094.

Junginger, Klaus M.: *See—*
Grunikiewicz, Peter; Gommel, Karl; and Junginger, Klaus M., 4,543,720, Cl. 30-272.00R.

Jungkind, Roland: *See—*
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Jungle Laboratories Corporation: *See—*
Gergely, Anthony J.; and Nichols, Ralph A., 4,554,261, Cl. 502-62.000.

Junglen, Mark T.: *See—*
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Jungman, Emil A., to Jungman, Inc. Lifting device and method. 4,496,277, 1-29-85, Cl. 414-589.000.

Jungman, Inc.: *See—*
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Jungverdorben, Hermann-Josef: *See—*
Reinehr, Ulrich; Herbertz, Toni; Jungverdorben, Hermann-Josef; and Dross, Joachim, 4,497,868, Cl. 428-400.000.
Reinehr, Ulrich; Herbertz, Toni; Jungverdorben, Hermann-Josef; and Uhlemann, Hans, 4,505,870, Cl. 264-206.000.
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Junior, Kenneth E.; and Byrd, James D., to Thiokol Corporation. Aramid polymer and powder filler reinforced elastomeric composition for use as a rocket motor insulation. 4,492,779, 1-8-85, Cl. 523-138.000.

Junker, Erwin. Method for producing threaded sections of threading tools. 4,548,000, 10-22-85, Cl. 51-288.000.

Junker, Otto: *See—*
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Junker, Ralph D.; and Helms, James R., to Junker Systems, Inc. Firing mechanism for automatic firearm. 4,506,589, 3-26-85, Cl. 89-190.000.

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Junker, Warren R.: *See—*
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Akiba, Juji; Kobayashi, Satoru; and Sugibuchi, Hiroyuki, 4,549,171, Cl. 340-605.000.
Sato, Shunichi, 4,531,049, Cl. 219-549.000.
Suzuki, Hirosuke; and Sato, Yoshiaki, 4,517,247, Cl. 428-421.000.
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Suzuki, Hirosuke, 4,547,424, Cl. 428-316.600.
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Yasumoto, Hiromi, 4,525,020, Cl. 339-99.00R.

Junod, John E.; and Fairand, Barry P., to International Paper Company. Method and apparatus to seal coated paperboard materials. 4,540,392, 9-10-85, Cl. 493-303.000.

Juntti, Lars. Lightbulb socket. 4,513,182, 4-23-85, Cl. 200-51.090.

Juntti, Lars. Apparatus for cutting out strips from flexible webs. 4,527,750, 7-9-85, Cl. 242-56.00R.

Junttila, Jack D., to Atlantic Richfield Company. Process for grinding graphite. 4,533,086, 8-6-85, Cl. 241-16.000.

Juodikis, Peter; and Martinich, Steven J., to GCA Corporation. Automatic distillation apparatus. 4,528,635, 7-9-85, Cl. 364-501.000.

Jupin, Alain; and Schneider, Bernard, to Cebal. Closure device for a necked container. 4,527,700, 7-9-85, Cl. 215-32.000.

Juptner, William F.; Macy, David F.; and Staudte, Juergen H., to Piezoelectric Technology Investors, Limited. Vibratory angular rate sensing system. 4,538,461, 9-3-85, Cl. 73-505.000.

Juranitch, Inc.: *See—*
Juranitch, John C., 4,528,843, Cl. 73-104.000.

Juranitch, John C., to Juranitch, Inc. Method for testing the sharpness value of a cutting edge and apparatus therefor. 4,528,843, 7-16-85, Cl. 73-104.000.

Juras, Martin, to Societe Bourguignonne de Mercanique. Thermal probe and apparatus incorporating the same. 4,531,844, 7-30-85, Cl. 374-208.000.

Jurden, Jerry E., to Flexion, Inc. Dock leveler seal construction. 4,557,008, 12-10-85, Cl. 14-71.700.

Jurgens, Erwin F., to Union Special GmbH. Needle guide for sewing machines. 4,553,492, 11-19-85, Cl. 112-227.000.

Jurgens, Heinz, to Brown, Boveri & Cie AG. Cutting apparatus for stock in the form of bars. 4,559,854, 12-24-85, Cl. 83-170.000.

Jurgens, Rainer, to Norton Christensen, Inc. Cutting member for rotary drill bit. 4,498,549, 2-12-85, Cl. 175-329.000.

Jurgens, Rainer, to Christensen, Inc. Apparatus for transmitting data from a borehole to the surface of the earth during the operation of a drilling device. 4,499,563, 2-12-85, Cl. 367-84.000.

Jurgens, Rainer; and Jung, Thomas, to Norton Christensen, Inc. Compensation device for insertion in a drill string for deep-well drilling tools. 4,553,614, 11-19-85, Cl. 175-302.000.

Jurgens, Rainer: *See—*

Illerhaus, Roland; and Jurgens, Rainer, 4,537,097, Cl. 76-108.00A.

Jurgens, Reiner, to Norton Christensen, Inc. Apparatus for making and breaking screw couplings. 4,497,224, 2-5-85, Cl. 81-57.340.

Juridicial Foundation, The Chemo-Semo-Sero-Therapeutic Research Institute: *See—*

Kawahara, Tetsuo; Mizokami, Hiroshi; Mizuno, Kyosuke; and Susumi, Sadao, 4,515,714, Cl. 260-112.00R.

Juriga, Jan; and Muller, Ingo, to U.S. Philips Corporation. Toaster. 4,491,066, 1-1-85, Cl. 99-391.000.

Juris, Mitchell A.; and Gallagher, David A., to Allied Corporation. Environmental connector assembly. 4,498,719, 2-12-85, Cl. 339-60.00R.

Jurkovic, Paul J.; and Burrington, George C., to Parker-Hannifin Corporation. Crimping machine with split die ring. 4,527,414, 7-9-85, Cl. 72-402.000.

Jurovsky, Albert Y.: *See—*

Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.

Jurriens, Theodorus K.: *See—*

Bruynes, Cornelis A.; and Jurriens, Theodorus K., 4,496,720, Cl. 544-29.000.

Jurus, Kevin D., to Motor Wheel Corporation. Draw-spinning of integral vehicle wheel rim and disc segments. 4,554,810, 11-26-85, Cl. 72-70.000.

Jury, Harold R., to Ampliform Pty. Ltd. Grid supported structure. 4,510,727, 4-16-85, Cl. 52-508.000.

Jury, Harold R. Metal forming machine. 4,514,998, 5-7-85, Cl. 72-184.000.

Juskevic, John, to Essential Automotive Products, Inc. Key cutting machine. 4,521,142, 6-4-85, Cl. 409-82.000.

Jussila, Olavi, to Kone Oy. Telfer carriage. 4,503,984, 3-12-85, Cl. 212-205.000.

Just, Friedrich E.; and Williams, Bolie C., III, to Cameron Iron Works, Inc. Annular blowout preventer. 4,508,311, 4-2-85, Cl. 251-1.00B.

Just, Gunther: *See—*

Diekotter, Friedrich W.; Honges, Edgar; Just, Gunther; Smolka, Heinz-Gerd; and Wust, Willi, 4,545,969, Cl. 423-328.000.

Just, Melitta: *See—*

Schonafinger, Karl; Beyerle, Rudi; Bohn, Helmut; Just, Melitta; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,551,454, Cl. 514-252.000.

Schonafinger, Karl; Bohn, Helmut; Just, Melitta; and Martorana, Piero, 4,558,058, Cl. 514-342.000.

Justice, Bruce H.; and Aycock, Robert F., to Allied Corporation. Spin-on dopant method. 4,514,440, 4-30-85, Cl. 427-85.000.

Justice, David D.: *See—*

Fair, David L.; Justice, David D.; and Kelly, Pilar P., 4,515,665, Cl. 204-98.000.

Fair, David L.; Justice, David D.; and Woodard, Kenneth E., Jr., 4,528,077, Cl. 204-95.000.

Kadija, Igor V.; and Justice, David D., 4,548,693, Cl. 204-252.000.

Miles, Ronald C.; and Justice, David D., 4,561,949, Cl. 204-147.000.

Justice, James C.; and Delli-Gatti, Frank A., Jr., to Coaltex, Inc. Horizontal edna miner. 4,556,257, 12-3-85, Cl. 299-68.000.

Justice, Rhonda G.: *See—*

Cousin, Michael J.; Hill, Larry O.; and Justice, Rhonda G., 4,554,181, Cl. 427-261.000.

Justrite Manufacturing Company: *See—*

Flider, Frank S., 4,526,033, Cl. 73-322.000.

Flider, Frank S., 4,552,288, Cl. 222-482.000.

Justus, Edgar J., to Beloit Corporation. Dryer section drive arrangement for paper making machines. 4,495,711, 1-29-85, Cl. 34-23.000.

Justus, Edgar J., to Beloit Corporation. Paper making machine dryer section drive. 4,495,712, 1-29-85, Cl. 34-52.000.

Justus, Edgar J., to Beloit Corporation. Extended nip press. 4,536,255, 8-20-85, Cl. 162-358.000.

Justus, Edgar J., to Beloit Corporation. Continuous counterflow belt washer. 4,549,415, 10-29-85, Cl. 68-158.000.

Justus, Edgar J., to Beloit Corporation. Extended nip press arrangement. 4,561,939, 12-31-85, Cl. 162-360.100.

Justus, Jimmie J., to United States of America, Air Force. Three-stage binary coincidence detector apparatus with adaptive constant false alarm rate. 4,523,325, 6-11-85, Cl. 377-44.000.

Justus, Paul D.: *See—*

Walker, William B.; Justus, Paul D.; and Bloomfield, Michael K., 4,541,768, Cl. 414-535.000.

Justus Technik GmbH Industrie-Anlagen: *See—*

Steinke, Hermann O.; Steinke, Rolar .; and Vornfett, Karl-Ulrich, 4,498,362, Cl. 83-304.000.

Juszynski, Marta: *See—*

Behar, David; Rajbenbach, Arie L.; Juszynski, Marta; and Ben-Hur, Nahum, 4,554,317, Cl. 525-28.000.

Jutand, Anny: *See—*

Fauvarque, Jean-Francois; Jutand, Anny; Chevrot, Claude; Pfluger, Fernando; and Troupel, Michel, 4,517,061, Cl. 204-59.00R.

Jutier, Pierre; Bretagnolle, Bernard; and Rubat du Merac, Claire, to Institut National de la Sante et de la Recherche Medicale. Apparatus for the acquisition and restoration in real time of a picture formed from successive frames of scanning lines. 4,539,593, 9-3-85, Cl. 358-160.000.

Juttner, Heinz: *See—*

Bottcher, Wolfgang; Juttner, Heinz; Maurer, Albrecht; and Stutzinger, Ferdinand, 4,509,295, Cl. 51-49.000.

Juurmaa, Kimmo: *See—*

Collins, Geoff; and Juurmaa, Kimmo, 4,546,719, Cl. 114-40.000.

Juve, Robert J., to McGraw-Edison Company. Hoist-type material finishing line. 4,527,508, 7-9-85, Cl. 118-425.000.

Juve, Robert J.; and Eagen, Michael J., to McGraw-Edison Company. Micro crane finishing line system. 4,550,682, 11-5-85, Cl. 118-425.000.

Juvin, Didier; and Dupeyrat, Benoit, to Commissariat a l'Energie Atomique. Process for automatic image recognition. 4,545,067, 10-1-85, Cl. 382-21.000.

Juvin, Pierre; and Moreau, Pierre, to S.E.R.T.O.G. Insecticide composition for use in the form of a shampoo. 4,518,593, 5-21-85, Cl. 424-195.000.

Juy, Henri, to Etablissements le Simplex. Control device which provides a plurality of pre-established and controlled positions, more particularly for use with the speed gear shifting devices for cycles and the like. 4,504,250, 3-12-85, Cl. 474-80.000.

Juzswik, David L.: *See—*

Floyd, William M.; Webb, Nathaniel; and Juzswik, David L., 4,528,662, Cl. 370-92.000.

K A Bergs Smide AB: *See—*

Fredriksson, Lars O. A., 4,530,534, Cl. 294-82.110.

K. A. Schmersal GmbH & Co.: *See—*

Schulz, Siegfried, 4,524,251, Cl. 200-42.00R.

K. Bratschi, Silent Gliss: *See—*

Durig, Heinz; Grutzner, Hans; and Bratschi, Konrad, 4,552,195, Cl. 160-168.00R.

K. D. Binnie Engineering Pty. Ltd.: *See—*

Binnie, Kevin D., 4,513,487, Cl. 29-243.500.

K-D Tools, Inc.: *See—*

Taggart, Kenneth J.; and Traub, Kevin W., 4,517,821, Cl. 73-1.00C.

K. J. Law Engineers, Inc.: *See—*

Gehrke, Robert E., 4,553,094, Cl. 324-225.000.

Targosz, Thomas C., 4,534,212, Cl. 73-83.000.

K. L. Spring & Stamping Corporation: *See—*

Haedo, Edmundo, 4,549,764, Cl. 297-296.000.

K-Line Industries, Inc.: *See—*

Kammeraad, James A., 4,493,987, Cl. 235-1.00D.

Kammeraad, James A., 4,502,696, Cl. 277-12.000.

K. R. Associates, Inc.: *See—*

Rines, Robert H.; and Knowles, Albert H., 4,509,458, Cl. 119-3.000.

K/S Epoke: *See—*

Petersen, Jens, 4,558,824, Cl. 239-684.000.

K. S. Konsult Kjell Sandling: *See—*

Sandling, Kjell H., 4,557,073, Cl. 49-41.000.

K. S. Macey Machine Company, Inc.: *See—*

Macey, Keith S., 4,522,383, Cl. 270-53.000.

K-Tron International, Inc.: *See—*

Bullivant, Kenneth W., 4,512,428, Cl. 177-25.000.

Wilson, David H.; and Loe, James M., 4,524,886, Cl. 222-58.000.

K-Tron Soder A.G.: *See—*

Klein, Karl-Heinz, 4,494,678, Cl. 222-77.000.

Kaack, Hermann: *See—*

Baumann, Hans; and Kaack, Hermann, 4,511,506, Cl. 534-631.000.

Baumann, Hans; and Kaack, Hermann, 4,544,738, Cl. 534-617.000.

Kaakinen, Kari A. Procedure and means for establishing and recording errors of the eye. 4,523,820, 6-18-85, Cl. 351-206.000.

Kaalstad, Oscar W.; and Reid, Neil G., to Engtech SA. Drilling device. 4,549,614, 10-29-85, Cl. 175-339.000.

Kaarre, Norman J.: *See—*

Melnyk, William; and Kaarre, Norman J., 4,546,825, Cl. 165-159.000.

Kaas, Werner: *See—*

Rellermeyer, Heinrich; and Kaas, Werner, 4,533,384, Cl. 75-0.5BA.

Kabacoff, Bernard L.; and Govil, Alok K., to Revlon, Inc. Method of hair damage assessment. 4,510,250, 4-9-85, Cl. 436-63.000.

Kabas, Guglielmo, deceased: *See—*

Burdeska, Kurt; Kabas, Guglielmo, deceased; Brunner, Hans-Georg; and Fory, Werner, 4,493,726, Cl. 71-87.000.

Kabas-Maskulinski, Anni, heir: *See—*

Burdeska, Kurt; Kabas, Guglielmo, deceased; Brunner, Hans-Georg; and Fory, Werner, 4,493,726, Cl. 71-87.000.

Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, to Fujitsu Limited. Semiconductor integrated circuit device. 4,550,289, 10-29-85, Cl. 324-158.00R.

Kabashima, Katsuhiko: *See—*

Takemae, Yoshihiro; Nozaki, Shigeki; Kabashima, Katsuhiko; and Enomoto, Seiji, 4,496,850, Cl. 307-269.000.

  Takemae, Yoshihiro; and Kabashima, Katsuhiko, 4,551,822, Cl. 365-222.000.
Kabashima, Kazuo; and Tanaka, Kyugo, to Asahi Kasei Kogyo Kabushiki Kaisha. Coloring method and color-forming material. 4,521,793, 6-4-85, Cl. 346-201.000.
Kabashima, Shoshi: *See—*
  Hara, Yoshihumi; Takano, Hiroji; Kabashima, Shoshi; and Hasegawa, Mikio, 4,524,507, Cl. 29-564.200.
Kabasin, Daniel F.; and Stoltman, Donald, to General Motors Corporation. Dual fuel supply system. 4,502,453, 3-5-85, Cl. 123-575.000.
Kabata, Tunetoshi: *See—*
  Yamato, Toshio; Ohba, Tsutomu; and Kabata, Tunetoshi, 4,543,219, Cl. 261-109.000.
Kabaya, Yoshihiko, to Mitutoyo Mfg. Co., Ltd. Photoelectrical encoder employing an optical grating. 4,499,374, 2-12-85, Cl. 250-237.00G.
Kabbe, Hans-Joachim; Krause, Hans-Peter; and Sitt, Rudiger, to Bayer Aktiengesellschaft. Bisindolyl alkylene ureas lipid absorption-inhibiting agents and their use thereas. 4,510,156, 4-9-85, Cl. 514-415.000.
Kabel- und Metallwerke Gutehoffnungshuette A.G.: *See—*
  Ziemek, Gerhard; and Pahl, Ingo H., 4,531,991, Cl. 156-79.000.
Kabele, Dennis F.; and Hauser, Herbert J., Jr., to Deere & Company. Reduced impact piston assembly. 4,508,019, 4-2-85, Cl. 92-158.000.
Kabelitz, Hans-Peter: *See—*
  Berges, Hanns-Peter; and Kabelitz, Hans-Peter, 4,561,837, Cl. 418-255.000.
Kabelmetal Electro GmbH: *See—*
  Rohner, Peter; Schippl, Klausdieter; Blumenberg, Gunther; Meyer, Werner; and Obert, Wolfgang, 4,492,089, Cl. 62-55.000.
  Schauer, Friedrich, 4,494,308, Cl. 29-858.000.
  Weislo, Manfred; Breitenbach, Otto; Schatz, Friedrich; and Riepling, Ulrich, 4,557,038, Cl. 29-596.000.
  Ziemek, Gerhard; Schatz, Friedrich; Muller, Dieter; and Rowell, Douglas W., 4,506,135, Cl. 219-107.000.
  Ziemek, Gerhard; Schatz, Friedrich; and Meyer, Hermann, 4,520,622, Cl. 57-59.000.
  Ziemek, Gerhard, 4,558,736, Cl. 165-183.000.
KabiGen AB: *See—*
  Hultmark, Dan; Steiner, Hakan; Rasmuson, Torgny; and Boman, Hans G., 4,520,016, Cl. 514-12.000.
KabiVitrum AB: *See—*
  Bergwitz-Larsen, Carl-Aage; and Osterlund, Rolf G. L., 4,536,495, Cl. 514-54.000.
  Blackburn, George L., 4,528,197, Cl. 514-552.000.
  Claeson, Carl G.; and Gustavsson, Stig I., 4,537,896, Cl. 514-330.000.
  Lindahl, Ulf P. F.; Backstrom, Gudrun E.; and Thunberg, John Y. L., 4,496,550, Cl. 514-54.000.
Kablitz, Carl: *See—*
  Stephen, Robert L.; Kablitz, Carl; Hanover, Barry K.; Jacobsen, Stephen C.; and Harrow, Jeffrey J., 4,559,033, Cl. 604-49.000.
Kabu, Masahiro: *See—*
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Kaburagi, Katsuhiko: *See—*
  Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, 4,512,368, Cl. 137-561.00A.
  Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, 4,523,530, Cl. 110-264.000.
KK Automation Klaus Th. Kramer GmbH & Co.: *See—*
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Kabushiki Kaisha Advance Kaihatsu Kenkyujo: *See—*
  Matsunaga, Tadashi, 4,528,270, Cl. 435-39.000.
Kabushiki Kaisha AG: *See—*
  Sugihara, Hironobu, 4,551,113, Cl. 446-154.000.
Kabushiki Kaisha Aichidenkikosakusho: *See—*
  Yamamoto, Osamu; and Norizuki, Senichiro, 4,534,108, Cl. 7-152.000.
Kabushiki Kaisha Alpha Giken: *See—*
  Ikeda, Takayuki; Kouhara, Kazuo; and Sasaki, Minoru, 4,532,293, Cl. 524-754.000.
Kabushiki Kaisha Aoyama Seisakusho: *See—*
  Kazino, Hiroshi; Isomura, Hiroshi; and Mizuno, Kozo, 4,525,912, Cl. 29-243.520.
Kabushiki Kaisha Bandai: *See—*
  Nakanishi, Masahiro, 4,504,167, Cl. 403-325.000.
Kabushiki Kaisha Chubu Netsuren Kenkyusho: *See—*
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Kabushiki Kaisha Daikin Seisakusho: *See—*
  Abe, Minoru, 4,556,137, Cl. 192-111.00A.
  Fukatani, Yasunobu, 4,537,299, Cl. 192-107.00C.
  Fukunaga, Takao, 4,523,496, Cl. 74-866.000.
  Fukunaga, Takao, 4,557,162, Cl. 74-866.000.
  Hamada, Tooru; Tanaka, Hirohisa; and Ishihara, Tomoo, 4,527,679, Cl. 192-3.580.
  Hamada, Tooru, 4,533,338, Cl. 464-64.000.
  Hashimoto, Yasuyuki, 4,494,642, Cl. 192-106.200.
  Kamio, Takenori, 4,546,866, Cl. 192-107.00C.
  Kayanoki, Katsuhiko; Teramachi, Kazuo; Ono, Seigo; and Hashimoto, Yasuyuki, 4,560,054, Cl. 192-106.200.
  Kitano, Seiichi; and Ono, Yukio, 4,515,256, Cl. 192-18.00R.
  Nagano, Tamio, 4,493,408, Cl. 192-106.200.
  Nagano, Tamio, 4,499,981, Cl. 192-106.200.
  Nagano, Tamio, 4,533,031, Cl. 192-106.200.
  Nagano, Tamio, 4,555,008, Cl. 192-106.100.
  Nagano, Tamio, 4,557,362, Cl. 192-106.200.
  Nagata, Hiroshi, 4,560,044, Cl. 192-3.570.
  Nakamichi, Noboru, 4,502,577, Cl. 192-4.00A.
  Ohkubo, Masahiro, 4,553,623, Cl. 180-247.000.
  Shimazu, Toshiaki, 4,553,470, Cl. 91-6.000.
  Takeuchi, Hiroshi, 4,557,702, Cl. 464-68.000.
  Tamura, Kazuhisa; and Koshimo, Masahiko, 4,493,674, Cl. 464-68.000.
  Tamura, Kazuhisa; Iida, Kazumi; and Koshimo, Masahiko, 4,559,024, Cl. 464-63.000.
Kabushiki Kaisha Daini Seikosha: *See—*
  Horiuchi, Teruo, 4,511,259, Cl. 368-10.000.
  Ishikawa, Takehiro; Yamazawa, Akira; and Kusumoto, Yasuo, 4,551,031, Cl. 374-117.000.
  Iwata, Katsuaki, 4,529,274, Cl. 350-357.000.
  Kakiuchi, Hiroshi, 4,519,930, Cl. 252-62.200.
  Kamata, Nobuo; Sekiya, Takashi; Takeda, Kazutoshi; Hayasaka, Toyoo; and Yoshida, Tomohisa, 4,520,087, Cl. 429-219.000.
  Kanno, Yosuke, 4,553,850, Cl. 368-201.000.
  Koga, Toshiyuki, 4,534,049, Cl. 378-050.000.
  Komatsu, Kazuyuki, 4,506,273, Cl. 346-76.0PH.
  Momoshima, Yukichi; Nagasaka, Nobuyuki; and Mine, Mamoru, 4,497,235, Cl. 84-1.190.
  Momoshima, Yukichi; and Nagasaka, Nobuyuki, 4,515,057, Cl. 84-1.030.
  Moteki, Murato; Shimada, Yoshio; Tanaka, Fumihiro; Watanabe, Fumio; and Komatsu, Kazuyuki, 4,540,992, Cl. 346-76.0PH.
  Murakami, Fumikazu, 4,520,237, Cl. 179-115.5ES.
  Murakami, Fumikazu, 4,526,477, Cl. 368-250.000.
  Nagasaka, Nobuyuki; and Momoshima, Yukichi, 4,513,650, Cl. 84-1.030.
  Nonaka, Kei, 4,505,599, Cl. 374-163.000.
  Saito, Yasuhiro; and Tatemichi, Takaomi, 4,497,977, Cl. 178-19.000.
  Sanuki, Sannosuke; and Morikawa, Hideyuki, 4,547,340, Cl. 422-116.000.
  Suzuki, Hayao, 4,520,301, Cl. 318-609.000.
  Suzuki, Hayao, 4,540,924, Cl. 318-568.000.
  Tabata, Junichi; Torii, Masahiro; Oikawa, Hiroshi; Sawada, Minoru; and Masui, Yasuyuki, 4,513,753, Cl. 128-706.000.
  Tabata, Junichi, 4,519,397, Cl. 128-706.000.
  Yoshida, Yosuke, 4,516,862, Cl. 368-155.000.
  Yoshida, Yosuke, 4,538,923, Cl. 368-70.000.
Kabushiki Kaisha Daisei Kikai: *See—*
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  Chikatani, Hajime, 4,554,776, Cl. 53-76.000.
Kabushiki Kaisha Dunlop Home Products: *See—*
  Tatsuki, Tokuji, 4,552,149, Cl. 128-402.000.
Kabushiki Kaisha Ecti Kenkyusho: *See—*
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Kabushiki Kaisha Fujikoshi: *See—*
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Kabushiki Kaisha Furukawa Seisakusho: *See—*
  Yasumune, Masaru; Yamada, Junsaku; and Kurokawa, Sumiaki, 4,546,595, Cl. 53-450.000.
Kabushiki Kaisha Gakushu Kenkyusha: *See—*
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Kabushiki Kaisha Gosei Kagaku Kenkyusho: *See—*
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Kabushiki Kaisha Goto Seisakusho: *See—*
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Kabushiki Kaisha Hayashi Racing: *See—*
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Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo: *See—*
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  Manabe, Masatoshi; and Miyake, Toshio, 4,496,603, Cl. 426-577.000.
  Miyake, Toshio; Yoshida, Mikihiko; and Takeuchi, Kano, 4,518,581, Cl. 424-48.000.
  Miyake, Toshio; Sakai, Shuzo; and Shibuya, Takashi, 4,521,252, Cl. 127-46.300.
  Miyake, Toshio; and Hijiya, Hiromi, 4,537,763, Cl. 424-49.000.
  Ohnishi, Haruo; and Mitsuhashi, Masakazu, 4,495,282, Cl. 435-68.000.
  Sugimoto, Kaname, 4,537,852, Cl. 435-215.000.
Kabushiki Kaisha Hikoma Seisakusho: *See—*
  Kishi, Mitsuhiro, 4,529,063, Cl. 187-9.00E.
Kabushiki Kaisha Hirai Tekkosho: *See—*
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Kabushiki Kaisha Honda Rokku: *See—*
  Asaka, Urataro; Kanai, Shigeo; Tanaka, Yasuhiro; and Iwamoto, Kazuya, 4,551,074, Cl. 417-366.000.
Kabushiki Kaisha Hosokawa Funtai Kogaku Kenkyusho: *See—*
  Tanaka, Akio; and Kamo, Yasuo, 4,550,879, Cl. 241-52.000.
  Urayama, Kiyoshi, 4,529,135, Cl. 241-52.000.
Kabushiki Kaisha Hoyashibara: *See—*
  Miyake, Toshio; Hijiya, Hiromi; Suzuki, Shinji; and Matsumoto, Teruo, 4,557,927, Cl. 424-48.000.
Kabushiki Kaisha Imamura Seisakusho: *See—*
  Shimokawa, Hiroshi, 4,522,076, Cl. 73-863.410.
Kabushiki Kaisha Ishida Koki Seisakusho: *See—*
  Fujiwara, Atsushi, 4,549,619, Cl. 177-25.000.
  Fukuda, Masao, 4,491,189, Cl. 177-1.000.
  Fukuda, Masao, 4,499,961, Cl. 177-25.000.
  Fukuda, Masao, 4,501,339, Cl. 177-25.000.
  Fukuda, Masao, 4,516,644, Cl. 177-25.000.

- Fukuda, Masao, 4,520,883, Cl. 177-1.000.
- Fukuda, Masao, 4,529,049, Cl. 177-1.000.
- Fukuda, Masao, 4,557,340, Cl. 177-1.000.
- Haze, Setsuo, 4,535,857, Cl. 177-50.000.
- Haze, Setsuo, 4,553,616, Cl. 177-1.000.
- Hikita, Michiyasu, 4,509,608, Cl. 177-1.000.
- Ishida, Takehisa, 4,515,231, Cl. 177-25.000.
- Izumi, Asashiro, 4,499,962, Cl. 177-58.000.
- Izumi, Asashiro; Mikami, Yoshiharu; and Yamada, Seiji, 4,535,855, Cl. 177-1.000.
- Izumi, Asashiro; and Mikami, Yoshiharu, 4,545,630, Cl. 312-285.000.
- Kanazawa, Jitsuo, 4,510,813, Cl. 73-766.000.
- Kataoka, Koichi, 4,511,009, Cl. 177-1.000.
- Kawaguchi, Hatsuo, 4,519,075, Cl. 371-15.000.
- Kitagawa, Kazumi, 4,531,598, Cl. 177-128.000.
- Kokabu, Rihei, 4,545,446, Cl. 177-108.000.
- Konishi, Satoshi; and Sashiki, Takashi, 4,522,274, Cl. 177-25.000.
- Konishi, Satoshi, 4,534,429, Cl. 177-25.000.
- Kono, Katsuaki, 4,549,618, Cl. 177-25.000.
- Matsumoto, Seishi; Nakashimizu, Takeo; and Abe, Yuji, 4,549,617, Cl. 177-1.000.
- Matsuno, Tadaaki, 4,494,619, Cl. 177-25.000.
- Mikami, Yoshiharu, 4,520,884, Cl. 177-58.000.
- Mikami, Yoshiharu, 4,544,042, Cl. 177-25.000.
- Mikami, Yoshiharu, 4,552,236, Cl. 177-25.000.
- Mikami, Yoshiharu, 4,558,774, Cl. 193-2.00R.
- Minamida, Kazukiyo; Haze, Setsuo; and Yamada, Seiji, 4,508,185, Cl. 177-1.000.
- Minamida, Kazukiyo, 4,512,427, Cl. 177-1.000.
- Minamida, Kazukiyo; and Asai, Yoshiharu, 4,519,042, Cl. 364-567.000.
- Minamida, Kazukiyo; and Asai, Yoshiharu, 4,533,006, Cl. 177-25.000.
- Minamida, Kazukiyo; and Haze, Setsuo, 4,549,278, Cl. 364-567.000.
- Minamida, Kazukiyo, 4,560,015, Cl. 177-25.000.
- Murakami, Katsuhiko; and Iwamoto, Yoshio, 4,552,262, Cl. 198-447.000.
- Naito, Kazufumi, 4,545,445, Cl. 177-25.000.
- Nakagawa, Yukio, 4,516,643, Cl. 177-1.000.
- Sashiki, Takashi, 4,497,385, Cl. 177-59.000.
- Sashiki, Takashi; and Sakaeda, Keiko, 4,508,186, Cl. 177-1.000.
- Sashiki, Takashi; and Sakaeda, Keiko, 4,511,010, Cl. 177-25.000.
- Sashiki, Takashi; and Sakaeda, Keiko, 4,527,645, Cl. 177-1.000.
- Sashiki, Takashi; and Sakaeda, Keiko, 4,537,229, Cl. 141-83.000.
- Sashiki, Takashi; and Sakaeda, Keiko, 4,548,286, Cl. 177-1.000.
- Sashiki, Takashi; and Sakaeda, Keiko, 4,552,237, Cl. 177-25.000.
- Sugioka, Yukio; and Kono, Masami, 4,561,510, Cl. 177-84.000.
- Takahashi, Naoki, 4,560,292, Cl. 400-59.000.
- Tatematsu, Takashi, 4,553,617, Cl. 177-25.000.
- Ueda, Kenji, 4,527,647, Cl. 177-105.000.
- Ueda, Kenji, 4,549,621, Cl. 177-105.000.
- Utsunomiya, Michito, 4,520,339, Cl. 338-5.000.
- Utsunomiya, Mitito, 4,557,150, Cl. 73-862.650.

Kabushiki Kaisha Johnan Seisakusho: *See—*

- Ishii, Kinichi; and Araki, Yoshiharu, 4,494,336, Cl. 49-352.000.

Kabushiki Kaisha Kanemitsu: *See—*

- Kanemitsu, Yukio, 4,518,374, Cl. 474-170.000.
- Oda, Misao, 4,524,595, Cl. 72-84.000.

Kabushiki Kaisha Kanesaka Gijutsu Kenkyusho: *See—*

- Kanesaka, Hiroshi, 4,502,282, Cl. 60-602.000.

Kabushiki Kaisha Kansai Kougu Seisakusho: *See—*

- Shigemizu, Akihiko, 4,512,524, Cl. 241-101.700.

Kabushiki Kaisha Kawai Gakki Seisakusho: *See—*

- Ezawa, Sadaaki, 4,498,364, Cl. 84-1.170.
- Ezawa, Sadaaki; and Kitagawa, Hiroshi, 4,524,269, Cl. 235-449.000.
- Ezawa, Sadaaki, 4,539,885, Cl. 84-1.250.
- Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, 4,550,638, Cl. 84-431.000.

Kabushiki Kaisha Kawakami Seisakusho: *See—*

- Nasu, Nobuo, 4,527,789, Cl. 270-31.000.

Kabushiki Kaisha Kibun: *See—*

- Ikoma, Mitsugi; Shinada, Takeo; and Nozaki, Hisashi, 4,503,081, Cl. 426-268.000.

Kabushiki Kaisha Kindai: *See—*

- Terauchi, Isamu, 4,512,224, Cl. 82-48.000.

Kabushiki Kaisha Kito: *See—*

- Maeda, Kazuo, 4,496,136, Cl. 254-350.000.
- Maeda, Kazuo, 4,508,318, Cl. 254-350.000.
- Nakamura, Takayoshi, 4,502,667, Cl. 254-350.000.
- Nakamura, Takayoshi, 4,512,555, Cl. 254-350.000.

Kabushiki Kaisha Kobe Seiko Sho: *See—*

- Amano, Itaru; and Fukumura, Seisuke, 4,533,304, Cl. 425-32.000.
- Asari, Akira; Inoue, Yoichi; and Ishii, Takahiko, 4,491,302, Cl. 266-87.000.
- Asari, Akira; Tsuzuki, Hidehiro; Inoue, Yoichi; and Tabuchi, Takahisa, 4,537,569, Cl. 425-405.00H.
- Beppu, Kohichi; and Kawakami, Shigezo, 4,508,549, Cl. 55-165.000.
- Fujita, Kiyoshi; Toyohisa, Shirou; Katou, Osamu; and Ishimaru, Kenji, 4,498,988, Cl. 210-397.000.
- Fukutsuka, Toshiro; Moritoki, Masato; Fujikawa, Takao; and Gennai, Norio, 4,505,762, Cl. 148-11.50R.
- Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.
- Honma, Katsuhiko; Tatsuno, Tsuneo; and Okada, Hiroshi, 4,541,975, Cl. 264-62.000.
- Iida, Shinzo; Ie, Katsuji; and Miyazaki, Jun, 4,513,806, Cl. 164-413.000.
- Inoue, Yoichi, 4,509,729, Cl. 266-252.000.
- Inoue, Yoichi, 4,542,513, Cl. 373-112.000.
- Kada, Hironosuke; Sekino, Teruyoshi, Murayama, Hirogazu; Tatsumi, Iazuaki; and Murakami, Tsudoi, 4,541,062, Cl. 364-513.000.
- Kaifu, Masaharu; Takigawa, Jun; Fujimoto, Hideo; Nishimura, Tomohiro; and Takemoto, Masao, 4,560,625, Cl. 428-654.000.
- Kamei, Futoshi, 4,518,027, Cl. 164-435.000.
- Kaneko, Fuminori; Yamamura, Takashige; and Matsumoto, Satosi, 4,552,009, Cl. 72-316.000.
- Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, 4,510,374, Cl. 219-146.100.
- Kokubo, Ichiro; Kirihara, Shigeki; Sakai, Hirohiko; and Iwai, Masatoshi, 4,491,623, Cl. 428-658.000.
- Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, 4,504,208, Cl. 425-589.000.
- Mizokawa, Takumi, 4,530,009, Cl. 358-183.000.
- Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,529,030, Cl. 164-468.000.
- Moritoki, Masato; Fujikawa, Takao; Kitagawa, Kazuo; and Miyanaga, Junichi, 4,503,319, Cl. 219-390.000.
- Murakami, Tsudoi; Nasu, Shoji; Tatsumi, Kazuaki; and Nagahama, Yasuhide, 4,508,953, Cl. 219-125.100.
- Murase, Kazuo; Watanabe, Toshihiko; Takeuchi, Naoki; and Maruyama, Tokuji, 4,503,316, Cl. 219-130.320.
- Nakanishi, Sadao; Nakajima, Yoshihiro; Kawano, Hitoshi; Ihochi, Akihiko; Ogasawara, Takaaki; and Maruyama, Tokuji, 4,544,826, Cl. 219-137.0PS.
- Narita, Kiichi; Mori, Takasuke; and Ayata, Kenzo, 4,515,203, Cl. 164-468.000.
- Narita, Kiichi; Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,527,615, Cl. 164-468.000.
- Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, 4,548,564, Cl. 425-32.000.
- Ogasawara, Takaaki; Maruyama, Tokuji; Sato, Masaharu; Hida, Yukio; and Saito, Takashi, 4,546,234, Cl. 219-137.0PS.
- Ogata, Yohji; Aida, Isao; Murayama, Hirokazu; and Shibuya, Kenjiro, 4,532,409, Cl. 219-137.00R.
- Okuda, Naoki; Usui, Akihiko; Yamamoto, Shigeaki; and Natsume, Shogo, 4,503,129, Cl. 428-562.000.
- Okuda, Naoki; Yamada, Minoru; and Yoshino, Fumito, 4,561,888, Cl. 75-124.000.
- Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, 4,541,473, Cl. 164-444.000.
- Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.
- Sato, Yoshiyuki; and Isozaki, Akio, 4,549,606, Cl. 165-179.000.
- Sudo, Masatoshi; Hori, Hiromi; Iwai, Takafusa; Ohtomo, Akinori; and Takai, Denei, 4,501,626, Cl. 148-36.000.
- Suzuki, Norio; Kajikawa, Hiroshi; and Nishikawa, Tadashi, 4,524,622, Cl. 73-620.000.
- Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.
- Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.
- Tanaka, Tsuyoshi; and Yoshikawa, Kazuhisa, 4,509,699, Cl. 241-268.000.
- Tokutake, Kunihiko; Mizokami, Nobuo; and Tanaka, Hiroyuki, 4,510,807, Cl. 73-432.00R.
- Tomisaka, Yasushi, 4,507,134, Cl. 62-30.000.
- Tuda, Goro, 4,534,694, Cl. 414-735.000.
- Yamada, Kaneo; Okamoto, Shigemi; and Asada, Kazuhiko, 4,544,514, Cl. 261-153.000.
- Yutori, Toshio; and Ogawa, Rikuo, 4,533,401, Cl. 148-12.00B.

Kabushiki Kaisha Kogai Boshi Sogo Kenkyusho: *See—*

- Kumazawa, Eiji, 4,533,451, Cl. 204-229.000.

Kabushiki Kaisha Komatsu Seisakusho: *See—*

- Abe, Riichi; Tsuruta, Katsuji; and Tsujikado, Seiji, 4,491,266, Cl. 228-225.000.
- Abe, Toshio; and Sakurai, Terushige, 4,550,588, Cl. 72-441.000.
- Akagi, Jiro, 4,561,590, Cl. 239-96.000.
- Akiyama, Teruo; and Morita, Koichi, 4,495,767, Cl. 60-436.000.
- Akiyama, Teruo, 4,498,847, Cl. 417-216.000.
- Asano, Juichi; Okubo, Yasuo; Saito, Hiroshi; and Harada, Shigeru, 4,555,064, Cl. 241-89.300.
- Baba, Kiyokazu, 4,503,969, Cl. 198-621.000.
- Baba, Kiyokazu, 4,536,118, Cl. 414-43.000.
- Baba, Kiyokazu; and Nishida, Kenji, 4,555,012, Cl. 198-621.000.
- Chikugo, Kazuo; Murakami, Taku; and Inada, Yorihiko, 4,541,304, Cl. 74-579.00E.
- Deguchi, Hideaki, 4,505,172, Cl. 83-74.000.
- Edo, Teruo, 4,513,719, Cl. 123-447.000.
- Fukushima, Akira; and Sugimoto, Yutaka, 4,537,268, Cl. 180-9.100.
- Funabashi, Tetsuji; and Kobayashi, Shingo, 4,537,259, Cl. 172-4.500.
- Higashi, Yoshihiro, 4,492,901, Cl. 318-85.000.

Hoashi, Kenzo; and Uehara, Kazuo, 4,549,466, Cl. 91-6.500.
Igarashi, Michiaki; Inui, Takayasu; Otsuka, Kazuo; Nogami, Saburo; and Nishimura, Satoru, 4,507,057, Cl. 417-216.000.
Ishikawa, Tadayuki, 4,536,195, Cl. 51-293.000.
Ishino, Yoshitane; Naruse, Toshihisa; and Sawano, Toshiyuki, 4,510,705, Cl. 37-54.000.
Itow, Koichiro; and Komiyama, Kunihiko, 4,509,953, Cl. 44-57.000.
Itow, Koichiro; and Komiyama, Kunihiko, 4,527,995, Cl. 44-56.000.
Kajikawa, Masauemon; and Ota, Akio, 4,493,381, Cl. 175-107.000.
Karakama, Tadao; and Uehara, Kazuo, 4,517,800, Cl. 60-337.000.
Kitagawa, Shinichi, 4,517,649, Cl. 364-472.000.
Kuromoto, Kazunori, 4,492,148, Cl. 91-523.000.
Kuromoto, Kazunori, 4,502,723, Cl. 294-88.000.
Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,497,223, Cl. 74-866.000.
Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,274, Cl. 74-866.000.
Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,275, Cl. 74-866.000.
Matsuda, Kazuo; and Morita, Koichi, 4,548,036, Cl. 60-464.000.
Matsumoto, Takeshi; Yoshida, Shuji; and Shikimi, Katsuji, 4,506,757, Cl. 180-294.000.
Minami, Teruo, 4,508,388, Cl. 298-22.00C.
Miyake, Kimio; and Sugimoto, Kiyoshi, 4,502,235, Cl. 37-127.000.
Mizumoto, Masakatsu, 4,540,087, Cl. 198-621.000.
Moriya, Yukio; Yoda, Tadashi; and Fukumoto, Hisashi, 4,531,366, Cl. 60-421.000.
Nagahara, Yoshikazu; and Inaba, Nobuaki, 4,557,109, Cl. 60-436.000.
Nagata, Yoshihiro, 4,494,621, Cl. 180-6.200.
Nakamura, Masaru; and Kuse, Takashi, 4,535,681, Cl. 91-527.000.
Nishida, Kenji, 4,533,291, Cl. 414-728.000.
Nishikawa, Yoshinori; and Takahashi, Iwashige, 4,525,706, Cl. 340-679.000.
Oka, Koichi; and Shintani, Fumio, 4,553,734, Cl. 251-58.000.
Okubo, Junpei, 4,515,115, Cl. 123-52.00M.
Saito, Hiroshi, 4,534,676, Cl. 405-184.000.
Sasamoto, Tatsuya, 4,511,186, Cl. 305-57.000.
Sato, Fumihide; and Ono, Toyoichi, 4,541,393, Cl. 123-502.000.
Sato, Hideyori; Inaba, Nobuaki; Arai, Mitsuru; and Onzou, Michio, 4,520,625, Cl. 60-464.000.
Sato, Kan-ichi; Yamanishi, Akio; and Higashino, Takashi, 4,535,831, Cl. 164-33.000.
Sato, Yoshito; Yato, Tokuhiro; Maeo, Hidemi; and Tsutsumi, Yoshio, 4,516,469, Cl. 91-362.000.
Shinsen, Mitsuhisa, 4,518,369, Cl. 464-101.000.
Sugimoto, Yutaka; Taira, Kenji; and Fukushima, Akira, 4,503,931, Cl. 181-204.000.
Tamaki, Hiroaki; and Nakamura, Joji, 4,494,613, Cl. 173-74.000.
Tamura, Yukio; Kaminishi, Masashi; and Kato, Yutaka, 4,522,451, Cl. 305-18.000.
Tamura, Yukio; and Kaminishi, Masashi, 4,555,146, Cl. 305-10.000.
Tanabe, Toshiyuki, 4,499,792, Cl. 74-825.000.
Tanaka, Toshihiro, 4,557,370, Cl. 198-621.000.
Tomioka, Kunio; Tokai, Shigeru; and Tsuchida, Tatsuo, 4,510,789, Cl. 72-442.000.
Toshihiko, Fukuhara, 4,541,059, Cl. 364-508.000.
Uchimura, Toshio, 4,516,755, Cl. 254-344.000.
Ueda, Hiroshi; Matsumoto, Takeshi; and Hashimoto, Masami, 4,558,717, Cl. 137-596.000.
Yamanishi, Akio; and Sato, Kanichi, 4,518,031, Cl. 164-526.000.
Yamashita, Hisateru, 4,506,574, Cl. 83-217.000.
Yoan, Toyohiko; and Muto, Norishige, 4,501,524, Cl. 414-22.000.
Yoshimura, Yukio, 4,542,795, Cl. 173-2.000.
Yoshinada, Hiroshi; Oshima, Hiroshi; and Ono, Takashi, 4,531,082, Cl. 318-663.000.

Kabushiki Kaisha Kubota Seisakusho: *See—*
Hara, Minoru, 4,531,652, Cl. 220-83.000.

Kabushiki Kaisha Kuken: *See—*
Shibata, Ryoichi, 4,557,337, Cl. 173-93.500.

Kabushiki Kaisha Kumahira Seisakusho: *See—*
Tanaka, Minoru, 4,561,269, Cl. 70-339.000.

Kabushiki Kaisha Kyoto Daiichi Kagaku: *See—*
Uchigaki, Takatoshi; Saito, Akio; and Yamada, Naoki, 4,512,348, Cl. 128-632.000.

Kabushiki Kaisha Machida Seisakusho: *See—*
Sato, Mitsuru, 4,545,369, Cl. 128-4.000.

Kabushiki Kaisha Maruyama Seisakusho: *See—*
Nemoto, Kiyoshi, 4,518,328, Cl. 417-511.000.
Shimizu, Yoichi, 4,506,707, Cl. 139-91.000.

Kabushiki Kaisha Maruyama Sessakusho: *See—*
Shimizu, Yoichi, 4,523,614, Cl. 139-355.000.

Kabushiki Kaisha Masuda Seisakusho: *See—*
Masuda, Masao, 4,535,611, Cl. 68-202.000.

Kabushiki Kaisha Medos Kenkyusho: *See—*
Ouchi, Teruo; and Shibuya, Hiromichi, 4,495,134, Cl. 264-516.000.
Ouchi, Teruo; Chikashige, Kiyoshi; and Ueda, Hirohisa, 4,497,550, Cl. 350-584.000.

Kabushiki Kaisha Meidensha: *See—*
Ando, Yasuo; and Ochiai, Toshihiko, 4,510,218, Cl. 429-198.000.
Ashikaga, Tadashi; and Terashima, Masayuki, 4,510,430, Cl. 318-800.000.
Fushimi, Kazuo; Tsunakawa, Hirokazu; and Yonahara, Kunio, 4,551,267, Cl. 252-511.000.
Kashimoto, Yutaka; Kano, Masayuki; and Fukai, Toshimasa, 4,547,638, Cl. 200-144.00B.
Kashiwagi, Yoshiyuki; and Suzuki, Tsutai, 4,500,383, Cl. 156-285.000.
Kashiwagi, Yoshiyuki; Sano, Takamitsu; and Kitakizaki, Kaoru, 4,547,640, Cl. 200-144.00B.
Kashiwagi, Yoshiyuki; Noda, Yasushi; and Kitakizaki, Kaoru, 4,554,425, Cl. 200-144.00B.
Ohnishi, Kouhei; Ashikaga, Tadashi; and Terashima, Masayuki, 4,509,003, Cl. 318-800.000.
Sakuma, Shinzo; Warabi, Junichi; Kano, Masayuki; and Kashimoto, Yutaka, 4,499,349, Cl. 200-144.00B.
Senba, Katsuaki; and Warabi, Junichi, 4,528,432, Cl. 200-144.00B.
Tanigaki, Shuzo; Yasuda, Tomio; and Sakaki, Masayuki, 4,547,769, Cl. 340-626.000.
Tanigaki, Shuzo; and Sakaki, Masayuki, 4,553,139, Cl. 340-626.000.
Yasuda, Tomio; and Ichiyama, Toshiyuki, 4,510,441, Cl. 324-96.000.
Yonahara, Kunio; and Aimoto, Shingo, 4,562,113, Cl. 428-331.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,491,918, Cl. 364-424.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,509,127, Cl. 364-478.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,517,645, Cl. 364-424.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,520,443, Cl. 364-424.000.

Kabushiki Kaisha Midori: *See—*
Aida, Masaaki, 4,528,707, Cl. 7-131.000.

Kabushiki Kaisha Mikuni Seisakusho: *See—*
Nakajima, Yoshikazu, 4,546,128, Cl. 523-222.000.

Kabushiki Kaisha Miura Kumihimo Kogyo: *See—*
Taki, Kiyozi, 4,509,870, Cl. 384-296.000.

Kabushiki Kaisha Miyano Tekkosho: *See—*
Takakuwa, Shilo; Kobayashi, Isao; Takahashi, Tastuo; and Imamizu, Shige, 4,516,311, Cl. 29-568.000.
Yamazaki, Yoshinori; and Ogawa, Tsutomu, 4,550,631, Cl. 74-822.000.

Kabushiki Kaisha Morita Seisakusho: *See—*
Arai, Eiichi, 4,547,687, Cl. 310-58.000.
Hotta, Toshihiro, 4,494,057, Cl. 318-317.000.
Kaneko, Kazuyoshi; and Tamura, Jun, 4,500,134, Cl. 297-170.000.
Matsui, Takahiro, 4,494,933, Cl. 433-98.000.
Miyahara, Masato; Okano, Michiaki; and Beach, Daryl R., 4,503,552, Cl. 378-196.000.
Nakano, Kozo, 4,495,632, Cl. 378-40.000.
Nakayama, Shozo; and Watanabe, Hiroo, 4,505,677, Cl. 433-132.000.
Nakayama, Shozo; and Ogino, Sekiya, 4,521,190, Cl. 433-132.000.
Ota, Sadayasu; and Nishimoto, Shinichi, 4,503,853, Cl. 128-303.100.
Tachibana, Akifumi, 4,493,643, Cl. 433-27.000.
Tamura, Jun; Matsui, Takahiro; and Hozumi, Kazuo, 4,501,557, Cl. 433-79.000.

Kabushiki Kaisha Murakoshi Seiko: *See—*
Watanabe, Minoru, 4,538,844, Cl. 292-127.000.

Kabushiki Kaisha Murao: *See—*
Murao, Masami, 4,532,682, Cl. 24-616.000.

Kabushiki Kaisha Musashino Kagaku Kenkyusho: *See—*
Kishida, Konosuke; and Hirokawa, Masaru, 4,526,904, Cl. 521-26.000.

Kabushiki Kaisha Myotoku: *See—*
Ise, Yoji, 4,549,854, Cl. 417-187.000.

Kabushiki Kaisha Nagahori: *See—*
Nagahori, Morihiro, 4,551,993, Cl. 63-31.000.

Kabushiki Kaisha Nagaoka: *See—*
Yamaguchi, Izumi, 4,514,908, Cl. 33-365.000.

Kabushiki Kaisha Nakajima Seisakujo: *See—*
Ogasawara, Shingo; and Nakajima, Hideo, 4,523,547, Cl. 119-52.00B.

Kabushiki Kaisha Niida Seisakusho: *See—*
Seyama, Tuneo, 4,501,211, Cl. 112-169.000.

Kabushiki Kaisha Nippon Coinco: *See—*
Akagawa, Masaki; Onda, Hideaki; Kobayashi, Osamu; and Nishiumi, Kenji, 4,556,139, Cl. 194-4.00C.
Mori, Yoshikazu; Kojima, Susumu; and Kobayashi, Osamu, 4,513,880, Cl. 221-260.000.
Mori, Yoshikazu; and Kobayashi, Osamu, 4,540,081, Cl. 194-4.00C.
Sugimoto, Osamu; and Akagawa, Masaki, 4,499,982, Cl. 194-1.00N.

Kabushiki Kaisha Ohara Kogaku Garasu Seizosho: *See—*
Yatsuda, Hisao; and Miyazaki, Mutsumi, 4,501,819, Cl. 501-61.000.

Kabushiki Kaisha Ohmori Seisakusho: *See—*
Ohmori, Hatsutaro, 4,546,932, Cl. 242-84.21R.
Omori, Hatsutaro, 4,535,953, Cl. 242-84.21R.

Kabushiki Kaisha Okawara Seisakusho: *See—*
Noguchi, Tetsuo; and Kuwabara, Kanji, 4,508,039, Cl. 110-258.000.
Okawara, Mikio, 4,530,169, Cl. 34-57.00E.

Kabushiki Kaisha Orii Jidoki Seisakusho: *See—*
Orii, Masaru, 4,498,840, Cl. 414-759.000.
Orii, Masaru, 4,523,889, Cl. 414-752.000.

Kabushiki Kaisha Patine Shokai: *See—*
Ohashi, Kazuo, 4,507,880, Cl. 36-115.000.

Kabushiki Kaisha Riken: *See—*
Chiba, Ko; Wada, Yoshiaki; Miida, Hiroshi; and Ono, Sumio, 4,542,907, Cl. 277-140.000.
Suzuki, Kazuma, 4,527,547, Cl. 126-444.000.
Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, 4,528,045, Cl. 148-35.000.

Kabushiki Kaisha S G: *See—*
- Shimizu, Wataru; and Yamashita, Akira, 4,556,886, Cl. 340-870.320.

Kabushiki Kaisha Saginomiya Seisakusho: *See—*
- Kanai, Yoshikazu, 4,492,252, Cl. 137-625.430.
- Odashima, Takeshi; and Saito, Tsutomu, 4,540,860, Cl. 200-83.00C.

Kabushiki Kaisha Sakata Shokai: *See—*
- Yamazaki, Taro; Okamoto, Masashi; Iizuka, Tokio; Tsukada, Norishige; and Okamori, Kenji, 4,556,918, Cl. 358-283.000.

Kabushiki Kaisha Sankosha: *See—*
- Uchida, Susumu; and Tadokoro, Kazushige, 4,504,883, Cl. 361-119.000.

Kabushiki Kaisha Sankyo Seiki Seisakusho: *See—*
- Fukushima, Yoneharu; and Wakai, Kiyoshi, 4,555,6[illegible], Cl. 340-52.00F.
- Honji, Kunihiko; and Aoki, Toshiyuki, 4,517,504, Cl. 318-568.000.
- Isaka, Akihiko, 4,557,173, Cl. 84-95.00R.
- Kitazawa, Yasuhide, 4,543,870, Cl. 84-96.000.
- Miyako, Haruyoshi, 4,495,612, Cl. 369-216.000.
- Miyako, Haruyoshi; and Arima, Kiyoteru, 4,538,258, Cl. 369-271.000.
- Miyazaki, Kiyoshi, 4,507,590, Cl. 318-254.000.
- Oguchi, Yukio; and Yasukawa, Kazuyoshi, 4,546,443, Cl. 364-513.000.
- Oguchi, Yukio; and Yasukawa, Kazuyoshi, 4,558,424, Cl. 364-513.000.
- Yasukawa, Kazuyoshi, 4,518,298, Cl. 414-4.000.

Kabushiki Kaisha Sato: *See—*
- Kajiya, Hiroshi; and Sasaki, Hidetomo, 4,557,169, Cl. 83-156.000.
- Kashiwaba, Tadao, 4,534,518, Cl. 242-56.00R.
- Kikuchi, Reiji, 4,542,690, Cl. 101-27.000.
- Kondo, Kouichi; and Tamura, Tadashi, 4,507,666, Cl. 346-76.0PH.
- Kondo, Kouichi; and Oikawa, Tadahisa, 4,531,851, Cl. 400-583.300.
- Matsuda, Yasuhiko, 4,502,056, Cl. 346-76.0PH.
- Sato, Yo; and Kashiwaba, Tadao, 4,498,950, Cl. 156-577.000.
- Sato, Yo; Kashiwaba, Tadao; Matsuda, Yasuhiko; and Oikawa, Tadahisa, 4,505,773, Cl. 156-384.000.
- Sato, Yo; Kashiwaba, Tadao; and Odajima, Akeshi, 4,552,610, Cl. 156-384.000.
- Sato, Yo; Kashiwaba, Tadao; Sakurai, Masaru; Matsuda, Yasuhiko; and Kondo, Koichi, 4,560,087, Cl. 221-73.000.
- Shibayama, Tooru; Kajiya, Hiroshi; and Takahashi, Mitsuharu, 4,501,224, Cl. 118-697.000.

Kabushiki Kaisha Shinsei Industries: *See—*
- Fujita, Mituo, 4,518,454, Cl. 156-541.000.

Kabushiki Kaisha Shinwa Giken: *See—*
- Takada, Shigetoshi, 4,529,926, Cl. 323-210.000.

Kabushiki Kaisha Showa Seisakusho: *See—*
- Hirano, Masahiro; and Nakayama, Sumio, 4,530,489, Cl. 267-34.000.
- Itoh, Hidekuni, 4,515,253, Cl. 188-314.000.

Kabushiki Kaisha Sigma Electronics Planning: *See—*
- Shimojo, Hirokazu; and Inamura, Toshio, 4,506,650, Cl. 123-620.000.

Kabushiki Kaisha Suiden: *See—*
- Kawai, Yuzo, 4,560,321, Cl. 416-23.000.
- Nakamura, Katsutoshi, 4,533,371, Cl. 55-299.000.

Kabushiki Kaisha Suiken: *See—*
- Sato, Toshiyuki; and Kaida, Tadayuki, 4,556,227, Cl. 277-207.00A.

Kabushiki Kaisha Sunpak: *See—*
- Tsuruta, Yuzo, 4,491,405, Cl. 354-416.000.
- Tsuruta, Yuzo, 4,555,747, Cl. 362-3.000.

Kabushiki Kaisha Suwa Seikosha: *See—*
- Aizawa, Hitomi, 4,508,457, Cl. 368-63.000.
- Aizawa, Hitomi, 4,551,029, Cl. 368-273.000.
- Akazawa, Hiroyuki; and Yoshiie, Kazue, 4,492,484, Cl. 400-248.000.
- Akazawa, Hiroyuki, 4,500,023, Cl. 226-76.000.
- Araki, Ryosuke, 4,534,623, Cl. 350-339.00R.
- Ichikawa, Matsuo, 4,560,582, Cl. 427-88.000.
- Ikeda, Masayuki, 4,492,979, Cl. 358-153.000.
- Ikeda, Masayuki, 4,496,977, Cl. 358-148.000.
- Ikejiri, Hiroaki, 4,556,905, Cl. 358-154.000.
- Ito, Jiro; Kitano, Masuo; and Sakamoto, Kenji, 4,491,424, Cl. 368-157.000.
- Iwamatsu, Seiichi, 4,538,291, Cl. 378-119.000.
- Kawamura, Yoshikazu; Hosokawa, Minoru; Okazaki, Sakiho; and Ishii, Hiroshi, 4,522,507, Cl. 368-157.000.
- Kitano, Masuo; and Yoshino, Masahito, 4,533,257, Cl. 368-202.000.
- Koto, Haruhiko, 4,502,058, Cl. 346-140.00R.
- Koto, Haruhiko, 4,520,374, Cl. 346-140.00R.
- Koto, Haruhiko, 4,525,728, Cl. 346-140.00R.
- Koto, Haruhiko, 4,546,362, Cl. 346-140.00R.
- Kubota, Satoshi; Nakashima, Mikito; Mogami, Takao; and Nakagawa, Tetsuo, 4,525,421, Cl. 428-412.000.
- Kurita, Hirohisa, 4,534,661, Cl. 368-250.000.
- Matsushita, Yoshikazu; Takei, Masaki; Yonekubo, Masatoshi; and Nishiwaki, Tsutomu, 4,556,891, Cl. 346-76.0PH.
- Mogami, Takao; and Kawashima, Hiroshi, 4,556,605, Cl. 428-331.000.
- Mori, Masahiko; Arai, Kenichiro; and Tezuka, Chikao, 4,534,665, Cl. 400-145.200.
- Moriya, Tatsuo, 4,526,475, Cl. 368-157.000.
- Moriya, Tatsuo, 4,537,514, Cl. 368-107.000.
- Mukaiyama, Fumiaki, 4,517,519, Cl. 329-126.000.
- Okazaki, Sakiho, 4,561,739, Cl. 351-227.000.
- Okonogi, Itaru; and Shimoda, Tatsuya, 4,536,233, Cl. 148-101.000.
- Orii, Toshio, 4,542,480, Cl. 364-900.000.
- Ota, Tadashi, 4,523,811, Cl. 350-333.000.
- Ota, Tadashi, 4,525,033, Cl. 350-350.00R.
- Ota, Tomio; Miyasaka, Mamoru; and Hiraga, Imao, 4,496,246, Cl. 368-88.000.
- Sano, Tadashi, 4,545,279, Cl. 84-1.260.
- Shibata, Shin; Aoyama, Akira; and Mino, Tetsuya, 4,513,337, Cl. 360-121.000.
- Shinohara, Toshihide; and Okazaki, Sakiho, 4,537,479, Cl. 351-169.000.
- Shionozaki, Yoshio, 4,518,226, Cl. 350-350.00R.
- Sonehara, Tomio; Murata, Masami; and Ota, Tadashi, 4,560,982, Cl. 340-784.000.
- Takayama, Chitoshi; Hirao, Hideo; Yokouchi, Hideya; and Iida, Teruhiko, 4,494,159, Cl. 360-78.000.
- Takeda, Koji; Akahane, Masao; Mukaiyama, Fumiaki; and Kudo, Yasuhiko, 4,551,846, Cl. 375-82.000.
- Takei, Katsumori; and Nakamura, Haruo, 4,[illegible]9,161, Cl. 252-299.630.
- Tatsushi, Asakawa; and Shinji, Morozumi, 4,4[illegible]040, Cl. 323-299.000.
- Teraishi, Katsuhiro, 4,537,653, Cl. 156-620.000.
- Ushikoshi, Kenichi, 4,523,857, Cl. 368-157.000.
- Ushikoshi, Kenichi, 4,545,686, Cl. 368-63.000.
- Yabe, Hiroshi, 4,548,511, Cl. 368-10.000.
- Yokoyama, Hiroyuki, 4,502,790, Cl. 368-200.000.
- Yokozawa, Yukio, 4,534,012, Cl. 364-900.000.

Kabushiki Kaisha T AN T: *See—*
- Takano, Tsunesuke, 4,544,907, Cl. 337-262.000.

Kabushiki Kaisha Taiyo Hatsujyo Seisakusho: *See—*
- Hashimoto, Seiichi, 4,532,680, Cl. 24-67.00R.

Kabushiki Kaisha Tajima Seisakusho: *See—*
- Kohno, Seiji, 4,501,069, Cl. 30-293.000.

Kabushiki Kaisha Takuma: *See—*
- Shigaki, Masanobu, 4,495,872, Cl. 110-190.000.
- Shigaki, Masanobu, 4,510,873, Cl. 110-289.000.
- Shigaki, Masanobu, 4,512,266, Cl. 110-204.000.
- Takano, Osamu; and Fujiwara, Koji, 4,519,323, Cl. 110-281.000.
- Takehara, Nobuo, 4,520,738, Cl. 110-171.000.

Kabushiki Kaisha Tokai Rika Denki Seisakushao: *See—*
- Kawaguchi, Teruhiko; Nishimura, Yuji; and Fujiwara, Akinori, 4,538,774, Cl. 242-107.000.

Kabushiki Kaisha Tokai Rika Denki Seisakusho: *See—*
- Hattori, Masaichi; Hara, Shigeo; and Manabe, Shunichi, 4,540,965, Cl. 335-259.000.
- Ishida, Yasuhiko; Mori, Taiichi; Hikita, Shigeyuki; and Horiba, Tamotsu, 4,548,625, Cl. 55-282.000.
- Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,503,296, Cl. 200-61.270.
- Iwata, Masayosi; Douke, Harumi; and Sawada, Hiroyuki, 4,543,456, Cl. 200-61.540.
- Kanada, Shigeyasu; Mizuno, Shigeo; and Nakano, Yoshio, 4,529,143, Cl. 242-107.000.
- Kanada, Shigeyasu; Mizuno, Shigeo; Nakano, Yoshio; and Nishimura, Yuji, 4,546,933, Cl. 242-107.000.
- Kawaguchi, Teruhiko; and Ando, Takayuki, 4,545,546, Cl. 242-107.000.
- Kokubu, Sadao; Hirano, Masatoshi; and Sakakibara, Takao, 4,555,743, Cl. 361-196.000.
- Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, 4,556,177, Cl. 242-107.40A.
- Matsunami, Muneharu; Tsuge, Hiroshi; Kubota, Tatsushi; and Ogawa, Hisashi, 4,536,010, Cl. 280-802.000.
- Mizuno, Shigeo; Kubota, Kazuhisa; and Ichikawa, Takahumi, 4,547,636, Cl. 200-61.540.
- Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, 4,546,934, Cl. 242-107.000.
- Suzuki, Masaru; Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,496,810, Cl. 200-61.540.
- Suzuki, Masaru, 4,501,940, Cl. 200-16.00A.
- Suzuki, Masaru, 4,543,515, Cl. 318-293.000.
- Suzuki, Masaru, 4,544,871, Cl. 318-568.000.
- Suzuki, Masaru, 4,551,660, Cl. 318-293.000.
- Yamada, Makoto; Kubota, Tatsushi; and Kojima, Ikuzo, 4,518,173, Cl. 280-806.000.
- Yamaguchi, Terumoto; and Terajima, Tsuneo, 4,506,722, Cl. 164-130.000.
- Yoshida, Hatsuyoshi; Fukutome, Michio; Ohuchi, Makoto; and Ohta, Jyun, 4,524,254, Cl. 200-83.00R.

Kabushiki Kaisha Tokyo Keiki: *See—*
- Fukano, Michio, 4,512,193, Cl. 73-517.00B.
- Kitada, Toyohiko; and Arioka, Takanori, 4,545,248, Cl. 73-597.000.

Kabushiki Kaisha Toshiba: *See—*
- Abou, Shouji, 4,524,329, Cl. 330-253.000.
- Abuyama, Yasuo, 4,557,585, Cl. 355-8.000.
- Akiyama, Tatsuo; Koshino, Yutaka; and Hiraki, Shunichi, 4,532,004, Cl. 156-653.000.
- Chiba, Mitsuyoshi, 4,516,408, Cl. 62-238.700.
- Denpou, Kazuo; Eto, Kazumi; and Niida, Hideo, 4,537,041, Cl. 62-199.000.
- Hashimoto, Masahiro; and Tani, Hideo, 4,561,863, Cl. 51-295.000.
- Higashikawa, Iwao; and Arikado, Tsunetoshi, 4,510,173, Cl. 427-44.000.
- Hiroi, Kazuo; and Kojima, Kenji, 4,516,929, Cl. 431-12.000.

Hirose, Minoru, 4,554,444, Cl. 235-379.000.
Honda, Michitaka; and Takami, Osamu, 4,562,586, Cl. 378-108.000.
Ishizawa, Akio; Hukaya, Toshio; Kumagai, Katuya; and Takeuchi, Tatuo, 4,540,627, Cl. 428-328.000.
Ito, Toshiyo; and Ohshima, Jiro, 4,543,707, Cl. 29-578.000.
Kamei, Kiyoho, 4,559,693, Cl. 29-571.000.
Kanatani, Tadayuki; and Sakata, Yasuo, 4,553,929, Cl. 432-59.000.
Kodama, Toshikazu; and Sato, Koji, 4,535,265, Cl. 310-313.00C.
Kurosawa, Ryoichi, 4,555,752, Cl. 363-68.000.
Matsuda, Naotoshi; Tetsuishi, Yoshinori; and Higuchi, Kazuaki, 4,512,912, Cl. 252-301.60S.
Matsutani, Kinya; and Sasaki, Katutoki, 4,543,794, Cl. 62-54.000.
Minikane, Tomiharu, 4,534,651, Cl. 356-440.000.
Miyazaki, Koichi; and Aoki, Masayuki, 4,539,453, Cl. 219-10.55C.
Nakagome, Hideki; and Yasuda, Satoshi, 4,554,790, Cl. 62-3.000.
Nishimura, Nobuichi, 4,551,601, Cl. 219-10.55B.
Ohtake, Yasuhisa; Tanaka, Hiroshi; and Oka, Koichiro, 4,536,226, Cl. 148-12.00C.
Okano, Haruo; Horiike, Yasuhiro; and Sekine, Makoto, 4,529,475, Cl. 156-643.000.
Sakurai, Takayasu, 4,555,778, Cl. 365-230.000.
Shimazaki, Takashi; and Nagata, Niro, 4,528,936, Cl. 118-653.000.
Taguchi, Minoru; and Sasaki, Gen, 4,554,046, Cl. 156-637.000.
Takahara, Takeshi; Ishii, Tsutomu; and Shirakawa, Yasuhiro, 4,515,706, Cl. 252-301.40H.
Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, 4,518,464, Cl. 204-1.00T.
Takahashi, Tomohiko, 4,532,525, Cl. 346-76.0PH.
Tanaka, Shun-ichiro; Mizunoya, Nobuyuki; and Abe, Shigeo, 4,542,073, Cl. 428-446.000.
Tanaka, Tatsuo, 4,555,670, Cl. 330-252.000.
Tanaka, Tatsuo, 4,558,287, Cl. 330-257.000.
Toshima, Akira, 4,531,135, Cl. 346-76.0PH.
Ueno, Mitsushi; Shirogami, Tamotsu; and Mikogami, Yukihiro, 4,555,324, Cl. 204-284.000.
Watanabe, Junji, 4,534,666, Cl. 400-207.000.
Watanabe, Junji, 4,547,783, Cl. 346-76.0PH.
Yamamoto, Masao; and Fujiwara, Tetsuo, 4,551,975, Cl. 60-528.000.

Kabushiki Kaisha Toyoda Jidoshokki Seisakusho: *See—*
Anahara, Meiji; and Suzuki, Yoshihisa, 4,497,089, Cl. 19-288.000.
Arakawa, Akio, 4,491,905, Cl. 364-181.000.
Araki, Hidejiro; Nakane, Katsumi; and Otani, Susumu, 4,548,029, Cl. 57-267.000.
Araki, Hidejiro; and Kodama, Ikuo, 4,559,976, Cl. 139-435.000.
Hayakawa, Kizo; Mori, Nobuyuki; Watanabe, Yoshio; and Nakashima, Kazumi, 4,532,898, Cl. 123-276.000.
Higuchi, Takeshi; Itakura, Yoshio; and Iwamori, Hidekazu, 4,534,710, Cl. 417-269.000.
Hirano, Hideo; and Kimbara, Masahiko, 4,554,951, Cl. 139-105.000.
Horiuchi, Mitsunori; Suzuki, Yoshihisa; Yasui, Yoshiharu; and Seiki, Kazuo, 4,503,662, Cl. 57-261.000.
Kato, Kimio; Kobayashi, Hisao; Mukai, Takamitsu; Kono, Hiroya; and Yamamoto, Taku, 4,522,567, Cl. 417-270.000.
Kawabata, Susumu; Inoue, Tetsuzo; Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,510,745, Cl. 57-415.000.
Kawabata, Yasuhiro; Kadokawa, Yoshio; Mori, Nobuyuki; and Suzuki, Shinji, 4,517,854, Cl. 74-492.000.
Kimbara, Masahiko; and Arakawa, Akio, 4,553,569, Cl. 139-1.00E.
Kobayashi, Hisao; Ohno, Makoto; and Suzuki, Shinichi, 4,507,059, Cl. 417-270.000.
Kodama, Ikuo; Inoue, Masaharu; Shiraki, Masao; and Suzuki, Hajime, 4,538,650, Cl. 139-452.000.
Kurahashi, Masayuki; Kobayashi, Hisao; and Deguchi, Hiroyuki, 4,519,750, Cl. 417-270.000.
Kurushima, Tadanori; Hidaka, Hideo; and Sonoda, Hiroyoshi, 4,505,101, Cl. 57-301.000.
Miyamoto, Noriaki; and Inoue, Norio, 4,502,273, Cl. 57-414.000.
Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,539,808, Cl. 57-411.000.
Mori, Mitsuo; Suzuki, Yoshihisa; Muramatsu, Shigeru; and Takasu, Shigeru, 4,510,648, Cl. 19-266.000.
Morishita, Toshio; Yasui, Yoshiharu; Suzuki, Yoshihisa; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,557,022, Cl. 19-267.000.
Morita, Takayuki; Tsunekawa, Takahiko; and Amano, Hisao, 4,494,371, Cl. 57-263.000.
Muramatsu, Shigeru; Asai, Isao; and Morita, Takayuki, 4,534,517, Cl. 242-35.50A.
Nakane, Masao; Takahashi, Motohiko; and Ogawa, Takaki, 4,511,974, Cl. 364-463.000.
Nakayama, Shozo; Mukai, Takamitsu; Ohno, Makoto; and Inagaki, Mitsukane, 4,519,119, Cl. 29-156.50R.
Niimi, Kiwamu; and Kinoshita, Kenji, 4,561,152, Cl. 19-244.000.
Seiki, Kazuo; Suzuki, Yoshihisa; and Yasui, Yoshiharu, 4,543,776, Cl. 57-261.000.
Shinoda, Akibumi; Yoshioka, Yukio; and Kato, Akio, 4,505,635, Cl. 414-667.000.
Suzuki, Hajime; Matsuyama, Shinichiro; and Arakawa, Akio, 4,494,203, Cl. 364-470.000.
Suzuki, Hajime; and Iwano, Yoshimi, 4,520,849, Cl. 139-116.000.
Suzuki, Hajime; and Shiraki, Masao, 4,529,017, Cl. 139-452.000.
Suzuki, Osamu; Morita, Takayuki; Muramatsu, Shigeru; and Asai, Isao, 4,541,577, Cl. 242-35.50A.
Suzuki, Yoshihisa; Yasui, Yoshiharu; and Takasu, Shigeru, 4,498,216, Cl. 19-244.000.
Suzuki, Yoshihisa; Yasui, Yoshiharu; Seiki, Kazuo; and Takasu, Shigeru, 4,513,481, Cl. 19-244.000.
Tanaka, Akira; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,545,193, Cl. 57-261.000.
Tanaka, Akira; Tsunekawa, Takahiko; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,550,560, Cl. 57-261.000.
Tooka, Takuzo, 4,537,018, Cl. 57-90.000.
Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.
Yoshimura, Tatsushiro; Terada, Tsutomu; and Nakayama, Shozo, 4,503,179, Cl. 524-262.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,491,918, Cl. 364-424.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,499,541, Cl. 364-424.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,509,127, Cl. 364-478.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,517,645, Cl. 364-424.000.
Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,520,443, Cl. 364-424.000.

Kabushiki Kaisha Toyota Chuo Kenkyusho: *See—*
Aoyama, Shigetsune; Yoshikawa, Kazuo; Hasegawa, Yoshimichi; and Higuchi, Junichi, 4,512,559, Cl. 267-47.000.
Hasegawa, Junzo; Ando, Michinori; and Nakamura, Hiroshi, 4,529,460, Cl. 156-92.000.
Hayakawa, Kizo; Mori, Nobuyuki; Watanabe, Yoshio; and Nakashima, Kazumi, 4,532,898, Cl. 123-276.000.
Hayashi, Hiroaki; Kandori, Toshio; and Fukushima, Yoshiaki, 4,552,806, Cl. 428-312.600.
Kamigaito, Osami; Doi, Haruo; and Fukushima, Yoshiaki, 4,497,869, Cl. 428-402.000.
Kataoka, Masao; Oshima, Yujiro; Noda, Takashi; and Suzuki, Shigeo, 4,543,929, Cl. 123-263.000.
Kawabata, Susumu; Inoue, Tetsuzo; Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,510,745, Cl. 57-415.000.
Kawabata, Yasuhiro; Kadokawa, Yoshio; Mori, Nobuyuki; and Suzuki, Shinji, 4,517,854, Cl. 74-492.000.
Kondo, Haruyoshi; Tsukada, Koji; and Takeuchi, Masaharu, 4,494,409, Cl. 73-651.000.
Kuno, Toshitaka; and Ikeda, Toshiaki, 4,505,049, Cl. 33-333.000.
Kuno, Toshitaka; Moribe, Hiroshi; and Miyamoto, Shojirou, 4,513,231, Cl. 318-341.000.
Kuno, Toshitaka; Moribe, Hiroshi; and Kamiya, Atsushi, 4,524,313, Cl. 318-563.000.
Mimura, Nobuharu; Yoshida, Kazunori; Kawabata, Susumu; and Hasegawa, Junzo, 4,516,611, Cl. 139-452.000.
Moribe, Hiroshi, 4,529,921, Cl. 318-568.000.
Murase, Makoto; and Usuki, Arimitsu, 4,528,122, Cl. 252-518.000.
Oshima, Yujiro; and Aoyama, Taro, 4,522,172, Cl. 123-276.000.
Oshima, Yujiro; and Aoyama, Taro, 4,526,143, Cl. 123-301.000.
Sato, Shigeyuki; and Matsushita, Mitsumasa, 4,552,907, Cl. 523-455.000.
Sato, Shigeyuki; and Matsushita, Mitsumasa, 4,560,716, Cl. 523-451.000.
Shimada, Hisashi; Arai, Tohru; and Endo, Junji, 4,514,275, Cl. 204-298.000.
Sugimoto, Gunji; Arakawa, Hideo; Ishihara, Toshikazu; Sugiura, Masahiro; and Takahashi, Katsuhiko, 4,495,560, Cl. 364-154.000.
Suzuki, Takatoshi; Tachikawa, Hideo; and Moriyama, Shigeo, 4,522,660, Cl. 148-20.300.
Taga, Yasunori; and Sawada, Yutaka, 4,504,109, Cl. 350-1.600.
Taga, Yasunori; and Sawada, Yutaka, 4,507,547, Cl. 219-543.000.
Takahashi, Hideaki; Hayakawa, Kiyoharu; Kondo, Haruyoshi; and Takeuchi, Takashi, 4,500,412, Cl. 204-425.000.
Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, 4,501,141, Cl. 73-146.000.
Takeuchi, Takashi; Takahashi, Hideaki; Saji, Keiichi; Kondo, Haruyoshi; and Hayakawa, Kiyoharu, 4,510,036, Cl. 204-425.000.
Takeuchi, Takashi; Takahashi, Hideaki; and Kondo, Haruyoshi, 4,524,264, Cl. 219-497.000.
Yamamoto, Minoru; Sakata, Jiro; and Doi, Haruo, 4,521,236, Cl. 65-31.000.

Kabushiki Kaisha Tsumurajuntendo: *See—*
Kooda, Akihide; Nishioka, Itsuo; Nishiyori, Takeshi; and Yahara, Shoji, 4,537,996, Cl. 568-442.000.

Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyujo: *See—*
Ueno, Ryuzo; Tsuchiya, Hiroaki; and Itoh, Shigeru, 4,530,724, Cl. 106-288.00Q.

Kabushiki Kaisha Universal: *See—*
Kimura, Yutaka, 4,557,483, Cl. 273-129.00S.
Nishikawa, Ikuo, 4,522,399, Cl. 273-143.00R.
Nishikawa, Ikuo, 4,524,636, Cl. 74-527.000.
Okada, Kazuo, 4,508,345, Cl. 273-143.00R.
Okada, Kazuo, 4,534,560, Cl. 273-143.00R.
Okada, Kazuo, 4,556,140, Cl. 194-4.00C.
Okada, Tomoo, 4,513,968, Cl. 273-143.00R.
Okada, Tomoo, 4,541,444, Cl. 133-4.00A.

Kabushiki Kaisha Universale: *See—*
Okada, Kazuo, 4,492,379, Cl. 273-143.00R.

Kabushiki Kaisha Vine: *See—*
Torii, Yoshihiko; and Tochikubo, Osamu, 4,519,248, Cl. 73-223.000.

Kabushiki Kaisha Vitamin Kenkyuso: *See*—
  Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, 4,528,184, Cl. 424-79.000.
Kabushiki Kaisha Yakult Honsha: *See*—
  Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,513,138, Cl. 546-48.000.
  Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,545,880, Cl. 204-158.00R.
  Sako, Tomoyuki; Sawaki, Saeko; Sakurai, Toshizo; Mutai, Masahiko; and Kondo, Isamu, 4,532,211, Cl. 435-172.300.
  Sakurai, Toshizo; and Kosaka, Toshiyuki, 4,542,099, Cl. 435-199.000.
Kabushiki Kaisha Yamada Dobby: *See*—
  Yoshida, Fumio, 4,542,770, Cl. 139-68.000.
Kabushiki Kaisha Yanagiya Tekkosho: *See*—
  Takiguchi, Tetsuo, 4,494,356, Cl. 53-122.000.
Kabushiki Kaisha Yaskawa Denki Seisakusho: *See*—
  Kuga, Akihiko; and Kuga, Hiroo, 4,499,546, Cl. 364-474.000.
  Nio, Satoru; Sato, Shinobu; Fujii, Hajime; and Hamashima, Toyoji, 4,495,588, Cl. 364-513.000.
  Nio, Satoru; Sato, Shinobu; Nobayashi, Shigemi; and Hamashima, Toyoji, 4,528,632, Cl. 364-169.000.
  Suzuki, Takeo; Matsumoto, Itsuro; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,503,722, Cl. 74-96.000.
KK Yamamoto Suiatsu Kogyosho: *See*—
  Watase, Tosio; Mori, Koichi; Sasaki, Kazuo; Onizuka, Katsumi; Yoshikawa, Yuzo; and Fujita, Takeshi, 4,502,323, Cl. 73-49.600.
Kabushikikaisha Aichidenkikosakusho: *See*—
  Yamamoto, Osamu; and Norizuki, Senichiro, 4,561,182, Cl. 30-433.000.
Kabushikikaisha Kyowa Chuzosho: *See*—
  Tadashi, Ii; and Saichi, Egusa, 4,517,018, Cl. 75-129.000.
Kabushikikaisha Nippon Kogu Seisakusho: *See*—
  Kishimoto, Kiyoshi, 4,497,600, Cl. 407-53.000.
Kachajian, George S.; Steere, Robert E., Jr.; and Charles, Wesley, to Silicon Technology Corporation. Precision tensioning device for ID saw blade. 4,498,449, 2-12-85, Cl. 125-15.000.
Kachel, Wayne M.: *See*—
  Patterson, Ann D.; and Kachel, Wayne M., 4,552,649, Cl. 208-127.000.
Kachik, Robert H., to United States Steel Corporation. Aluminothermic reduction reaction mixture. 4,536,237, 8-20-85, Cl. 149-37.000.
Kachnowski, Thomas A.: *See*—
  Buist, Kevin S.; and Kachnowski, Thomas A., 4,545,556, Cl. 248-346.000.
Kachur, Nicholas W.: *See*—
  Tomburo, Anthony F.; and Kachur, Nicholas W., 4,521,127, Cl. 401-68.000.
Kackos, Edward M.: *See*—
  Kuelzow, Christopher J.; Kackos, Edward M.; and Murray, Francis J., 4,497,773, Cl. 422-26.000.
KACO GmbH + Co.: *See*—
  Uhrner, Klaus-Jurgen, 4,502,694, Cl. 277-9.000.
Kaczerginski, Alexandre; and Kaminski, Jean-Jacques, to Societe Anonyme dite: Ceraver. Method of manufacturing a composite type stay insulator, and an insulator obtained by the method. 4,491,687, 1-1-85, Cl. 174-178.000.
Kaczinski, Friedrich: *See*—
  Blum, Rainer; Seitz, Max; and Kaczinski, Friedrich, 4,521,555, Cl. 524-63.000.
Kaczkos, John E.: *See*—
  Koppensteiner, James V.; and Kaczkos, John E., 4,533,977, Cl. 361-415.000.
  Koppensteiner, James V.; and Kaczkos, John E., 4,544,066, Cl. 211-41.000.
Kaczur, Jerry J.; and Coleman, John E., to Olin Corporation. Production of high purity stable ferrate salts. 4,500,499, 2-19-85, Cl. 423-139.000.
Kaczur, Jerry J.; Iacoviello, Steven A.; and Miller, Edward G., to Olin Corporation. Process for producing concentrated solutions containing alkali metal chlorates and alkali metal chlorides. 4,508,602, 4-2-85, Cl. 204-95.000.
Kaczynski, Bernhard, to Robert Bosch GmbH. Fuel injection nozzle for internal combustion engines. 4,502,326, 3-5-85, Cl. 73-119.00A.
Kaczynski, Donald J.: *See*—
  Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased, 4,510,048, Cl. 209-3.000.
  Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased, 4,510,049, Cl. 209-3.000.
Kada, Hironosuke; Sekino, Teruyoshi; Murayama, Hirogazu; Tatsumi, Iazuaki; and Murakami, Tsudoi, to Kabushiki Kaisha Kobe Seiko Sho. Method of interlockingly controlling a robot and positioner. 4,541,062, 9-10-85, Cl. 364-513.000.
Kadaba, Pankaja K., to University of Kentucky Research Foundation, The. Triazoline anticonvulsant drugs. 4,511,572, 4-16-85, Cl. 514-340.000.
Kade, Alexander; and Karadsheh, Sam M., to General Motors Corporation. Adaptive controller for electric power steering. 4,509,611, 4-9-85, Cl. 180-79.100.
Kade, Alexander, to General Motors Corporation. Four state DC motor controller. 4,527,103, 7-2-85, Cl. 318-293.000.
Kade, Alexander, to General Motors Corporation. Electric power steering stall protection circuit. 4,532,567, 7-30-85, Cl. 361-31.000.
Kade, Alexander; and Karadsheh, Sam M., to General Motors Corporation. Adaptive servomotor controller. 4,540,923, 9-10-85, Cl. 318-561.000.
Kade, Alexander; and Radomski, Thomas A., to General Motors Corporation. Bridge driver circuit for a DC electric motor. 4,545,004, 10-1-85, Cl. 363-63.000.
Kade, Alexander: *See*—
  Agarwal, Paul D.; Fruechte, Roger D.; Kade, Alexander; and Radomski, Thomas A., 4,527,653, Cl. 180-79.100.
Kadekodi, Narayan K.; Sheu, Shey-Ping L.; and Ibrahim, Abd-El-Fattah A., to Xerox Corporation. High resolution quadrilinear CCD imager. 4,528,594, 7-9-85, Cl. 358-213.000.
KaDell, Charles W., Jr., to General Dynamics, Pomona Division. Gimbal fixture and assembly method. 4,545,570, 10-8-85, Cl. 269-52.000.
Kadex, Incorporated: *See*—
  Aydin, Kemal, 4,534,194, Cl. 70-278.000.
Kadi, Frank G., to Micronix Partners. Optical objective adjusting apparatus. 4,540,240, 9-10-85, Cl. 350-255.000.
Kadi, Frank J., to Air Products and Chemicals, Inc. Economical and thermally efficient cryopump panel and panel array. 4,530,213, 7-23-85, Cl. 62-55.500.
Kadi, Frank J., to Air Products and Chemicals, Inc. Method and apparatus for distinguishing between different gas or gas mixtures using a flow tube. 4,530,233, 7-23-85, Cl. 73-23.000.
Kadija, Igor V., to Olin Corporation. Process and apparatus for continuously producing multivalent metals. 4,521,281, 6-4-85, Cl. 204-25.000.
Kadija, Igor V., to Olin Corporation. Porous diaphragms for electrolytic cells having non-uniform hydrophobicity. 4,544,474, 10-1-85, Cl. 204-295.000.
Kadija, Igor V.; and Justice, David D., to Olin Corporation. Reticulate electrode for electrolytic cells. 4,548,693, 10-22-85, Cl. 204-252.000.
Kadija, Igor V.: *See*—
  Haque, Reza; Smith, Edward F., III; and Kadija, Igor V., 4,526,806, Cl. 427-41.000.
Kadin, Saul B., to Pfizer Inc. Antiallergic and antiulcer 1-oxo-1H-thiazolo[3,2-a]pyrimidine-2-carboxamides and intermediates therefor. 4,535,081, 8-13-85, Cl. 514-258.000.
Kadin, Saul B., to Pfizer Inc. 3-substituted 2-oxindole-1-carboxamides as analgesic and anti-inflammatory agents. 4,556,672, 12-3-85, Cl. 514-414.000.
Kadison, Eric M.; Batra, Subhash C.; and Meir, Gad E., to Media Systems Technology. Selectable format computer disk copier machine. 4,494,156, 1-15-85, Cl. 360-48.000.
Kadison Laboratories, Inc.: *See*—
  Kadison, Sylvan; and Scheiner, David, 4,500,552, Cl. 426-96.000.
Kadison, Sylvan; and Scheiner, David, to Kadison Laboratories, Inc. Gelatin dessert product. 4,500,552, 2-19-85, Cl. 426-96.000.
Kadkade, Prakash G.; and Botticelli, Charles R., to GTE Automatic Electric Laboratories Incorporated. Use of night-break lighting to increase fruit set in economically important fruit crops. 4,506,474, 3-26-85, Cl. 47-58.000.
Kadlec, Emil G.: *See*—
  Cyrus, Jack D.; Kadlec, Emil G.; and Klimas, Paul C., 4,504,192, Cl. 416-41.000.
Kadlec, Karel: *See*—
  Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.
Kado, Clarence I., to University of California, The Regents of the. Tartrate catabolism gene. 4,520,106, 5-28-85, Cl. 435-172.300.
Kado, Yoshikazu: *See*—
  Matsuda, Yoshihiro; Kimishima, Hiroshi; and Kado, Yoshikazu, 4,520,932, Cl. 209-545.000.
Kadoi, Sho; and Aya, Toshihiko, to Toray Industries, Inc. Method of preparing polyimide prepolymer from ethylenically unsaturated dicarboxylic acid compound. 4,539,392, 9-3-85, Cl. 528-336.000.
Kadokawa, Yoshio: *See*—
  Kawabata, Yasuhiro; Kadokawa, Yoshio; Mori, Nobuyuki; and Suzuki, Shinji, 4,517,854, Cl. 74-492.000.
Kadokura, Hidekimi; and Umezaki, Hiroshi, to Sumitomo Chemical Company, Limited. Pigmented aluminum oxide powder and method of producing the same. 4,498,931, 2-12-85, Cl. 106-307.000.
Kadokura, Hidekimi: *See*—
  Horikiri, Shozo; Kadokura, Hidekimi; Harakawa, Masaji; Saegusa, Kunio; and Yamagiwa, Masao, 4,495,121, Cl. 264-56.000.
Kadokura, Sadao; Tomie, Takashi; and Naoe, Masahiko, to Teijin Limited. Perpendicular magnetic recording medium. 4,507,364, 3-26-85, Cl. 428-457.000.
Kadomatsu, Seiji; and Misumi, Kozo, to Osaka Soda Co., Ltd. After-chlorinated ethylene/butene-1 copolymer and process for its production. 4,547,554, 10-15-85, Cl. 525-334.100.
Kadomatsu, Yasuo: *See*—
  Matsuura, Tadashi; and Kadomatsu, Yasuo, 4,514,483, Cl. 430-84.000.
Kadonaga, Toshiki: *See*—
  Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.
Kadono, Motoaki; and Tamura, Shingo, to Toray Silicone Company, Ltd. Water impermeable package for room temperature-moisture curing one-part sealants. 4,514,446, 4-30-85, Cl. 428-35.000.
Kadono, Motoaki, to Toray Silicone Company, Ltd. Gas pressure operated dispensing container. 4,545,506, 10-8-85, Cl. 222-95.000.

Kadoo, Fumio: *See—*
  Kanamaru, Hitashi; and Kadoo, Fumio, 4,510,592, Cl. 369-270.000.
Kadooka, Katsuyuki: *See—*
  Saitoh, Hiroshi; Kadooka, Katsuyuki; Tsukamoto, Mamoru; Ono, Shoji; and Ohkawa, Masaki, 4,552,772, Cl. 426-557.000.
Kadota, Genichi: *See—*
  Shinohara, Satoru; Fujii, Noboru; Imada, Kiyohisa; Kadota, Genichi; and Ueno, Hideo, 4,514,560, Cl. 536-1.100.
Kadota, Hiroshi; and Ichinohe, Eisuke, to Matsushita Electric Industrial Co., Ltd. Associative memory. 4,523,301, 6-11-85, Cl. 365-49.000.
Kadota, Shinkichi; and Yamase, Tsuyoshi, to Rhythm Motor Parts Manufacturing Company Limited. Hydraulic pressure control valve for automobile brake mechanism. 4,491,371, 1-1-85, Cl. 303-6.00C.
Kadota, Takao; Hashimoto, Masayuki; and Hamada, Itsuo, to Dow Chemical Company, The. Rigid thermoplastic resin foam and process for preparation thereof. 4,552,904, 11-12-85, Cl. 521-145.000.
Kadota, Toshimi; Suzuki, Jugoro; and Matsui, Shigeki, to Shimadzu Corporation. Dilution pipetter. 4,523,484, 6-18-85, Cl. 73-864.120.
Kadota, Youichi: *See—*
  Komurasaki, Satoshi; Ueda, Atsushi; Morimoto, Yoshinobu; and Kadota, Youichi, 4,508,079, Cl. 123-425.000.
Kadotani, Kenzo: *See—*
  Fukushi, Keiji; Higashimura, Yutaka; Huzioka, Shinei; Iwaasa, Syuzou; and Kadotani, Kenzo, 4,492,889, Cl. 310-87.000.
Kadowaki, Hidejiro: *See—*
  Aoki, Takao; Kadowaki, Hidejiro; and Iwami, Naoki, 4,504,137, Cl. 355-4.000.
Kadowaki, Hironori: *See—*
  Wada, Takeshi; Kita, Hisanao; Wada, Tatsuji; Fujishima, Susumu; and Kadowaki, Hironori, 4,543,711, Cl. 29-726.000.
Kadowaki, Satoshi; and Ikeda, Yuzi, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for assembling motorcar body. 4,538,044, 8-27-85, Cl. 219-80.000.
Kadowaki, Takashi: *See—*
  Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, 4,526,864, Cl. 430-551.000.
  Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, 4,537,857, Cl. 430-549.000.
Kadowaki, Toshio; and Sanji, Koichiro, to Sunstar Giken Kabushiki Kaisha. Two-part adhesive. 4,532,273, 7-30-85, Cl. 523-402.000.
Kadowaki, Yoshihiko, to Hitachi, Ltd. Interface control system for high speed processing based on comparison of sampled data values to expected values. 4,516,202, 5-7-85, Cl. 364-200.000.
Kadue, Christy C.: *See—*
  Brzezinski, Donald E.; and Kadue, Christy C., 4,541,328, Cl. 98-121.200.
Kaduk, Bruce A.: *See—*
  Fox, Daniel W.; Kaduk, Bruce A.; and Starr, John B., Jr., 4,507,442, Cl. 525-439.000.
Kaeding, Warren W.: *See—*
  Forbus, Nancy P.; and Kaeding, Warren W., 4,504,690, Cl. 585-466.000.
  Forbus, Nancy P.; and Kaeding, Warren W., 4,554,394, Cl. 585-474.000.
Kaegebein, Daniel P., to TX RX Systems, Inc. Fixture for mounting cylindrical cavity filters. 4,493,422, 1-15-85, Cl. 211-26.000.
Kaegi, Dennis D.: *See—*
  DuBroff, William; Kaegi, Dennis D.; Knoerzer, Jerome J.; and Spearin, Elliott Y., 4,528,069, Cl. 201-20.000.
Kaehler, James A.: *See—*
  Erickson, Mark R.; and Kaehler, James A., 4,536,847, Cl. 364-516.000.
Kaempfer, Knut: *See—*
  Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, 4,507,274, Cl. 423-573.00R.
  Broecker, Franz J.; Gettert, Hans; and Kaempfer, Knut, 4,521,387, Cl. 423-210.000.
Kaepa, Inc.: *See—*
  Adams, Thomas M., 4,538,367, Cl. 36-50.000.
Kaeppel, Hanshelmut: *See—*
  Woerner, Frank P.; Reimann, Horst; Mahnke, Harald; Neumann, Peter; Turznik, Gerhard; and Kaeppel, Hanshelmut, 4,530,940, Cl. 521-124.000.
Kaeriyama, Minoru: *See—*
  Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,504,305, Cl. 71-98.000.
Kaeser, Charles, to P. F. Cosmetique. Facial massage device. 4,550,718, 11-5-85, Cl. 128-57.000.
Kaeslin, Oscar E.; and Schenker, Monroe H. Cornering device for a garment support structure. 4,493,423, 1-15-85, Cl. 211-123.000.
Kaesser, Merle L., to Deere & Company. Variable flow turbine. 4,512,714, 4-23-85, Cl. 415-151.000.
Kaether, Willy. Apparatus for reducing the liquid content of sugar cane bagasse. 4,543,129, 9-24-85, Cl. 127-5.000.
Kaetsu, Isao: *See—*
  Kumakura, Minoru; Kaetsu, Isao; Suzuki, Mieko; and Adachi, Masakazu, 4,552,633, Cl. 204-159.210.
Kaeufer, Helmut; Rautenberg, Lutz; and Pahl, Joachim, to Deutsche Solvay Werke GmbH. Process for the manufacture of articles of high mechanical strength from thermoplastic synthetic resins. 4,514,351, 4-30-85, Cl. 264-210.200.
Kafitz, Egon: *See—*
  Peetz, Walter; Wilking, Hans; and Kafitz, Egon, 4,538,855, Cl. 297-362.000.
Kafri, Oded; Karny, Ziv; and Meyerstein, Dan. Frequency marking systems. 4,553,839, 11-19-85, Cl. 356-300.000.
Kaga, Hisashi: *See—*
  Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.
Kaga, Matasaburo: *See—*
  Okamoto, Toshiaki; Oguma, Tomio; and Kaga, Matasaburo, 4,556,038, Cl. 123-564.000.
Kaga, Yasuo: *See—*
  Miyamatsu, Yasunori; Kaga, Yasuo; Aizawa, Masanori; Ishibashi, Kazuhisa; and Ueno, Hiroshi, 4,526,287, Cl. 220-260.000.
Kagabu, Shinzo: *See—*
  Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, 4,552,586, Cl. 71-94.000.
  Saito, Junichi; and Kagabu, Shinzo, 4,514,418, Cl. 514-508.000.
Kagami, Toshiro; and Watanabe, Kuniaki, to Toshiba Ceramics Co., Ltd. Casting nozzle. 4,510,191, 4-9-85, Cl. 428-36.000.
Kagan, Jonathan: *See—*
  Sestak, Joseph T.; and Kagan, Jonathan, 4,562.047, Cl. 422-300.000.
Kaganov, Alan L.: *See—*
  Hardy, Thomas G., Jr.; Kaganov, Alan L.; and Pace, W. G., 4,552,148, Cl. 128-334.00C.
  Ritter, Thomas A.; Kaganov, Alan L.; and Budris, John P., 4,496,446, Cl. 204-159.140.
Kaganowicz, Grzegorz: *See—*
  Robinson, John W.; and Kaganowicz, Grzegorz, 4,512,284, Cl. 118-723.000.
Kagata, Akira: *See—*
  Yoshikane, Tetsuo; Kagata, Akira; and Hiura, Hiromi, 4,534,136, Cl. 51-283.00R.
Kagata, Tooru; and Fujikawa, Motoi, to Aisin Seiki Kabushiki Kaisha. Wheel hub clutch assembly. 4,538,714, 9-3-85, Cl. 192-54.000.
Kagawa, Eiichi, to Mitsubishi Denki Kabushiki Kaisha. Interrupt control for multiprocessor system with storage data controlling processor interrupted by devices. 4,495,569, 1-22-85, Cl. 364-200.000.
Kagawa, Fukashi: *See—*
  Yamasaki, Kazuyuki; and Kagawa, Fukashi, 4,513,049, Cl. 428-194.000.
Kagawa, Fumio: *See—*
  Horie, Shin'ichi; Matsuzaki, Yutaka; and Kagawa, Fumio, 4,555,250, Cl. 51-309.000.
Kagawa, Hiroshi; and Matsui, Kazumasa, to Yuasa Battery Co., Ltd. Sodium-sulfur storage battery. 4,510,217, 4-9-85, Cl. 429-104.000.
Kagawa, Hiroshi; and Iwabuchi, Suminobu, to Yuasa Battery Co., Ltd. Manufacture method of a sodium-sulfur storage battery. 4,530,151, 7-23-85, Cl. 29-623.100.
Kagawa, Nobuaki; Fujimori, Noboru; Tanaka, Shigeo; and Onodera, Kaoru, to Konishiroku Photo Industry Co., Ltd. Light-sensitive silver halide photographic material. 4,517,284, 5-14-85, Cl. 430-591.000.
Kagawa, Tatsuo: *See—*
  Matsuda, Waka; and Kagawa, Tatsuo, 4,557,890, Cl. 376-282.000.
Kage, Kouzou; and Watanabe, Hiroshi, to Nippon Electric Co., Ltd.; and Nippon Telegraph & Telephone Public Corporation. Interference wave detection circuit for use in radio receiver. 4,525,868, 6-25-85, Cl. 455-206.000.
Kagechika, Takashi: *See—*
  Asano, Seiji; Kagechika, Takashi; and Ishiguro, Minoru, 4,505,568, Cl. 354-458.000.
Kagehiro, Ken. Shotgun recoil reducer. 4,492,050, 1-8-85, Cl. 42-1.00V.
Kagei, Kengo: *See—*
  Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.
Kageyama, Bunji: *See—*
  Sonoyama, Takayasu; Yagi, Shigeo; and Kageyama, Bunji, 4,543,331, Cl. 435-138.000.
Kageyama, Junichi: *See—*
  Yoshimura, Isao; Mizukami, Osamu; Hata, Hideo; Kageyama, Junichi; and Kaneko, Takashi, 4,501,634, Cl. 156-244.240.
Kageyama, Katsuaki; and Adachi, Ysushi, to Toray Silicone Company, Ltd. Heat fixer roll with an evaporated metal surface. 4,518,244, 5-21-85, Cl. 355-3.0FU.
Kageyama, Koji: *See—*
  Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.
Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, to Suzuki Motor Company Limited. Two cycle engine. 4,541,371, 9-17-85, Cl. 123-65.0PE.
Kageyama, Takafumi: *See—*
  Miyatani, Takashi; Nakata, Junji; Seki, Kisuke; and Kageyama, Takafumi, 4,548,617, Cl. 51-293.000.
Kageyama, Takashi: *See—*
  Kishido, Takeshi; Yoshino, Tetsuya; Kageyama, Takashi; and Kato, Kazuo, 4,561,378, Cl. 118-62.000.
  Yoshino, Tetsuya; Kageyama, Takashi; Kato, Kazuo; and Kishido, Takeshi, 4,548,837, Cl. 427-209.000.
Kageyama, Yoichi: *See—*
  Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.
  Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, 4,508,841, Cl. 502-73.000.

Kageyama, Yoshikazu; Nagasaki, Sakon; and Mino, Mineo, to Matsushita Electric Industrial Co., Ltd. Battery voltage level detecting apparatus. 4,521,735, 6-4-85, Cl. 324-433.000.

Kageyama, Yoshiteru: *See—*

Matsuura, Mitsuyuki; Kageyama, Yoshiteru; Hagiwara, Akito; and Shimada, Takeo, 4,530,983, Cl. 526-125.000.

Kagi, Bruno, to Bachofen AG. Pressure-medium-driven linear driving arrangement. 4,510,845, 4-16-85, Cl. 91-180.000.

Kagi, Bruno, to Maschinenfabrik Sulzer-Ruti AG. Method and apparatus for cleaning the reed of a weaving machine. 4,527,596, 7-9-85, Cl. 139-1.00C.

Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, to Green Cross Corporation, The. Fibronectin-physiologically active substance complex and method of preparation thereof. 4,560,556, 12-24-85, Cl. 424-101.000.

Kagiura, Kazuo: *See—*

Hirabayashi, Hiromitsu; Sakurai, Masaaki; and Kagiura, Kazuo, 4,525,058, Cl. 355-3.0FU.

Kagiwada, Reynold S.: *See—*

Stokes, Robert B.; Yen, Kuo-Hsiung; Lau, Kei-Fung; Kagiwada, Reynold S.; and Delaney, Michael J., 4,499,393, Cl. 310-313.00A.

Yen, Kuo-Hsiung; Stokes, Robert B.; Lau, Kei-Fung; Kong, Alvin M.; and Kagiwada, Reynold S., 4,513,261, Cl. 333-194.000.

Kagiya, Toshihumi: *See—*

Isogai, Osamu; and Kagiya, Toshihumi, 4,550,134, Cl. 524-413.000.

Kagiyama, Tsutomu; and Takaishi, Tatsuyuki, to Ohi Seisakusho Co., Ltd. Centrifugal clutch with radially movable magnetic member. 4,520,914, 6-4-85, Cl. 192-71.000.

Kagler, Edmond, Jr., to A-Z International Tool Company. Method of and apparatus for cutting and recovering of submarine surface casing. 4,550,781, 11-5-85, Cl. 166-340.000.

Kago, Yoshiyuki; and Akita, Shigeyuki, to Nippon Soken, Inc. Visitor conversation system. 4,558,321, 12-10-85, Cl. 340-904.000.

Kagohashi, Yasuyoshi: *See—*

Sugai, Manabu; Kagohashi, Yasuyoshi; and Aoki, Hiroshi, 4,541,589, Cl. 242-200.000.

Kagohata, Tsuneo: *See—*

Funasaki, Ken; Iijima, Toshiki; and Kagohata, Tsuneo, 4,518,032, Cl. 165-12.000.

Kagotani, Masahiro: *See—*

Kojima, Hidetaka; Horikawa, Takeshi; and Kagotani, Masahiro, 4,537,997, Cl. 568-454.000.

Kah, Carl L. C., Jr. Anti-syphon flow control valve. 4,508,136, 4-2-85, Cl. 137-218.000.

Kahan, Agostne. Watersoluble derivatives of non-steroidal anti-inflammatory agents and a process for the production thereof. 4,518,608, 5-21-85, Cl. 514-420.000.

Kahan, Alfred, to United States of America, Air Force. Cut angles for quartz crystal resonators. 4,499,395, 2-12-85, Cl. 310-361.000.

Kahan, Frederick M.; and Kropp, Helmut, to Merck & Co., Inc. Combination of thienamycin-type antibiotics with dipeptidase inhibitors. 4,539,208, 9-3-85, Cl. 514-195.000.

Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, to Hitachi, Ltd.; and Hitachi Chemical Company, Ltd. Fuel cell. 4,493,879, 1-15-85, Cl. 429-41.000.

Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, to Hitachi, Ltd.; and Hitachi Chemical Company, Ltd. Fuel cell. 4,529,671, 7-16-85, Cl. 429-41.000.

Kahara, Toshiki; Mori, Toshikatsu; Imahashi, Jinichi; Honji, Akio; and Tamura, Kohki, to Hitachi, Ltd. Method for operating fuel cell. 4,555,452, 11-26-85, Cl. 429-13.000.

Kahil, John E.; Jaynes, Mark S.; and Bradfield, James E., to PA Incorporated. Method and apparatus for measuring defects in ferromagnetic tubing. 4,492,115, 1-8-85, Cl. 73-151.000.

Kahl, William G., Jr.: *See—*

Frigon, Raymond A.; and Kahl, William G., Jr., 4,516,115, Cl. 340-556.000.

Kahle Engineering Company: *See—*

Balnave, Peter, 4,498,945, Cl. 156-256.000.

Logothetis, Emanuel N., 4,521,237, Cl. 65-42.000.

Kahle, Lisa M., to PPG Industries, Inc. Compound bend roll forming. 4,556,406, 12-3-85, Cl. 65-106.000.

Kahles, Heinz: *See—*

Hochgesand, Gerhard; Kahles, Heinz; Wiesner, Paul; and Stonner, Hans-Martin, 4,522,730, Cl. 210-750.000.

Kahling, Joachim: *See—*

Engel, Wolfhard; Bauer, Eckhart; Trummlitz, Gunter; Danneberg, Peter; and Kahling, Joachim, 4,536,402, Cl. 514-443.000.

Kahlman, Sture. Method to cut off a preferably band shaped running web of tearable material and means to carry out the method. 4,515,321, 5-7-85, Cl. 242-56.00R.

Kahmann, Albrecht: *See—*

Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, 4,538,765, Cl. 241-21.000.

Kahn, Henry. Cyanoacrylate root canal sealer. 4,526,544, 7-2-85, Cl. 433-224.000.

Kahn, Iwan: *See—*

Heller, Rudolf; and Kahn, Iwan, 4,547,949, Cl. 29-421.00E.

Kahn, John H.: *See—*

Murib, Jawad H.; and Kahn, John H., 4,550,181, Cl. 549-326.000.

Kahn, Leonard R. Speaker systems for producing balanced stereo images at multiple locations. 4,521,906, 6-4-85, Cl. 381-24.000.

Kahn, Marvin L.; and Lynch, Robert J., to Rich Products Corporation. Freezer stable whipped ice cream and milk shake food products. 4,552,773, 11-12-85, Cl. 426-564.000.

Kahn, Marvin L.: *See—*

O'Mahony, John S.; Kahn, Marvin L.; and Adapa, Satya N., 4,551,348, Cl. 426-639.000.

Kahn, Roger N.: *See—*

DuVal, Daniel A.; Kahn, Roger N.; and Myers, David E., 4,515,396, Cl. 281-15.00R.

Kahrs, Manfred, to ITT Industries, Inc. Control system for a vehicular braking system incorporating a hydrodynamic brake and a friction brake. 4,550,372, 10-29-85, Cl. 364-426.000.

Kai, Fumio: *See—*

Atsumi, Kunio; Katano, Kiyoaki; Kai, Fumio; Nishihata, Ken; and Akita, Eiichi, 4,560,750, Cl. 544-21.000.

Kai, Hisao, to Taisei Kako Kabushiki Kaisha. Plastic film product. 4,543,279, 9-24-85, Cl. 428-35.000.

Kai, Isao; Ichikawa, Sumiaki; and Mihara, Yozo, to Asahi Yukizai Kogyo Co., Ltd. Bituminous paving material and a method for the preparation thereof. 4,532,271, 7-30-85, Cl. 523-208.000.

Kai, Junichi: *See—*

Tsuchikawa, Haruo; and Kai, Junichi, 4,516,030, Cl. 250-492.200.

Kai, Kazuo. Method of forming a wiring pattern on a wiring board. 4,527,041, 7-2-85, Cl. 219-121.0LN.

Kai, Masami: *See—*

Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.

Kai, Norichika: *See—*

Musto, Richard L.; and Kai, Norichika, 4,493,269, Cl. 110-106.000.

Kai, Tatsuya, to Nikko Co., Ltd. Burner apparatus for smelting furnace. 4,526,531, 7-2-85, Cl. 431-189.000.

Kai, Tooru; and Hayashi, Chikahisa, to Toyoda Gosei Co., Ltd. Surface inspection method. 4,543,602, 9-24-85, Cl. 358-106.000.

Kai, Toshio: *See—*

Nakazato, Takuzo; Okuto, Koichiro; and Kai, Toshio, 4,534,678, Cl. 405-204.000.

Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, 4,559,687, Cl. 29-157.00C.

Kaibara, Nobuhiro; Ida, Toshio; Okuda, Shinji; and Motohashi, Takayuki, to Diesel Kiki Co., Ltd. Throttling pintle-type fuel injection nozzle having an improved initial injection characteristic. 4,524,914, 6-25-85, Cl. 239-452.000.

Kaibel, Gerd: *See—*

Bott, Kaspar; Kaibel, Gerd; Hartmann, Horst; Irnich, Rudolf; and Buelow, Horst, 4,551,208, Cl. 203-60.000.

Schuster, Ludwig; Mueller, Franz-Josef; Anderlohr, Axel; Blei, Peter; Eigenberger, Gerhart; Hoppner, Bernd; Kaibel, Gerd; and Steiner, Wolfgang, 4,517,391, Cl. 568-885.000.

Kaicher, Francis A. Solar roof assemblage and internally removable solar transparent roof cover. 4,526,161, 7-2-85, Cl. 126-444.000.

Kaichi, Higuchi: *See—*

Hirobumi, Saito; Kiyoshi, Ito; Kaichi, Higuchi; and Masao, Yamamoto, 4,516,944, Cl. 441-40.000.

Kaida, Shinichi; and Uchiyama, Kaoru, to Fuji Photo Film Co., Ltd. Film handling method. 4,540,456, 9-10-85, Cl. 156-159.000.

Kaida, Tadayuki: *See—*

Sato, Toshiyuki; and Kaida, Tadayuki, 4,556,227, Cl. 277-207.00A.

Kaifu, Masaharu; Takigawa, Jun; Fujimoto, Hideo; Nishimura, Tomohiro; and Takemoto, Masao, to Kabushiki Kaisha Kobe Seiko Sho. Aluminum alloy composite materials for brazed heat exchangers. 4,560,625, 12-24-85, Cl. 428-654.000.

Kaiho, Keisuke; and Nagata, Hidetoshi, to Toyo Ink Manufacturing Co., Ltd. Transparent laminates. 4,528,234, 7-9-85, Cl. 428-216.000.

Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, to Chugai Seiyaku Kabushiki Kaisha. Pharmaceutical composition for treating transplanted tumor cells. 4,507,309, 3-26-85, Cl. 514-379.000.

Kaij, Mats: *See—*

Santen, Sven; Mogensen, Palne; Kaij, Mats; and Thornblom, Jan, 4,543,470, Cl. 219-383.000.

Kaikin Kogyo Co., Ltd.: *See—*

Hisamoto, Iwao; and Omure, Yukio, 4,530,776, Cl. 252-153.000.

Kaikiu Kogyo Co. Ltd.: *See—*

Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.

Kail, James E.: *See—*

Shay, Gregory D.; Eldridge, Emmojean; and Kail, James E., 4,514,552, Cl. 526-301.000.

Kaim, John W.; Berg, Norman A.; and Altherr, Russell G., to AMSTED Industries Incorporated. Railway, coupler yoke, draft gear and follower assembly. 4,537,304, 8-27-85, Cl. 206-335.000.

Kain, Alexander S., to Plenty Limited. Rotary vane pump with two axially spaced sets of vanes. 4,551,079, 11-5-85, Cl. 418-26.000.

Kain, William S.: *See—*

Staker, Donald D.; and Kain, William S., 4,560,497, Cl. 252-392.000.

Kainaga, Masahiro; Sakoda, Kousuke; and Nakanishi, Hiroaki, to Hitachi, Ltd. Data processing system with improved microsubroutine facility. 4,491,912, 1-1-85, Cl. 364-200.000.

Kainmueller, Thomas: *See—*

Breitenfellner, Franz; and Kainmueller, Thomas, 4,546,126, Cl. 523-216.000.

Kainmuller, Thomas: *See—*
- Buxbaum, Lothar; Breitenfellner, Franz; and Kainmuller, Thomas, 4,499,219, Cl. 524-94.000.
- Troxler, Eduard; Kainmuller, Thomas; and Maul, Rudolf, 4,535,145, Cl. 528-289.000.

Kaino, Jon C. Buoyant emergency life saving device. 4,523,913, 6-18-85, Cl. 441-81.000.

Kaino, Toshikuni: *See—*
- Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.

Kainsinger, Willis C.: *See—*
- Schwager, Frederic A.; and Kainsinger, Willis C., 4,496,100, Cl. 238-10.00R.

Kainulainen, Raimo; Sipponen, Antti; and Toivola, Tuomo. Procedure for manufacturing a building element, and the building element. 4,539,241, 9-3-85, Cl. 428-71.000.

Kainuma, Keiji: *See—*
- Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.

Kaire, Jean C., to Thomson-CSF. Microphone or mouthpiece signal suppression circuit. 4,536,616, 8-20-85, Cl. 179-81.00A.

Kaise, Tatsuo, to Okamura Corporation. Industrial robot equipped with articulated arm unit. 4,496,278, 1-29-85, Cl. 414-735.000.

Kaise, Toshiro: *See—*
- Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, 4,526,010, Cl. 62-126.000.

Kaiser, Alfred: *See—*
- Schmidt, Helmut; Kaiser, Alfred; and Scholze, Horst, 4,505,985, Cl. 428-447.000.

Kaiser Aluminum & Chemical Corporation: *See—*
- Anjier, Joseph L.; Roberson, Morris L.; and Atchison, William E., 4,511,542, Cl. 423-127.000.
- Baker, Bernard R., 4,559,114, Cl. 204-37.600.
- Barna, Gordon L.; and Lippert, James W., 4,519,442, Cl. 165-9.200.
- Goodrich, David G., 4,509,580, Cl. 164-445.000.
- Hebrant, Georges, 4,531,717, Cl. 266-166.000.
- Hsu, Yu-Wen, 4,510,784, Cl. 72-201.000.
- Hsu, Yu-Wen, 4,512,170, Cl. 72-17.000.
- Takeda, Susumu; Mann, Allen W.; Goodrich, David G.; and Zinniger, Theodore C., 4,498,521, Cl. 164-453.000.

Kaiser, Carl; and Tobia, Alfonso J., to SmithKline Beckman Corporation. N,N-di-(n-propyl)dopamine derivatives. 4,529,604, 7-16-85, Cl. 514-654.000.

Kaiser, Carl: *See—*
- DeMarinis, Robert M.; Hieble, Jacob P.; Kaiser, Carl; and Wilson, James W., 4,507,320, Cl. 514-605.000.
- Frazee, James S.; Kaiser, Carl; and Kruse, Lawrence I., 4,532,331, Cl. 548-342.000.

Kaiser, Emil T.; and Moe, Gregory, to University Patents, Inc. Peptide hormones with calcitonin-like activity. 4,514,331, 4-30-85, Cl. 260-112.50T.

Kaiser, Ewald A.: *See—*
- Radtke, Carl T.; Kaiser, Ewald A.; Biedermann, Siegfried M.; and Chapman, Rick J., 4,494,256, Cl. 4-502.000.

Kaiser, Fredrick P.; and Lapp, Theodore R., to IBG International, Inc. Environmental control system. 4,527,247, 7-2-85, Cl. 364-550.000.

Kaiser, Fritz: *See—*
- Nied, Roland; Horlamus, Herbert; and Kaiser, Fritz, 4,528,091, Cl. 209-139.00R.

Kaiser, Georges J. L., to Fabrique Nationale Herstal. Hind absorber for automatic fire-arms actuated by barrel recoil. 4,498,369, 2-12-85, Cl. 89-198.000.

Kaiser, Gregory A.; DeMunda, Gabriel P.; and Tressler, Richard E., to Kennecott Corporation. Porous semiconductor dopant carriers. 4,525,429, 6-25-85, Cl. 428-566.000.

Kaiser, Gunther: *See—*
- Honig, Gunter; Kaiser, Gunther; Lotterbach, Gerhard; and Zucker, Udo, 4,527,422, Cl. 73-117.300.

Kaiser, Hans-Georg: *See—*
- Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, 4,558,621, Cl. 83-834.000.

Kaiser, Harry: *See—*
- Brammer, Hartmut; and Kaiser, Harry, 4,529,850, Cl. 200-19.0DC.
- Hinke, Walter; and Kaiser, Harry, 4,538,082, Cl. 310-152.000.

Kaiser, Horst: *See—*
- Grossmann, Horst; Herting, Rainer; and Kaiser, Horst, 4,559,857, Cl. 83-471.300.

Kaiser, Joachim: *See—*
- Kranz, Jakob; Kaiser, Joachim; Wiegemann, Hans-Bertram; and Baron, Klaus U., 4,556,320, Cl. 356-350.000.

Kaiser, Josef, to Konig & Neurath Kommanditgesellschaft. Worktable, particularly an office desk. 4,502,393, 3-5-85, Cl. 108-1.000.

Kaiser, Peter: *See—*
- Elsner, Emil; Reiber, Dietfried; Messmer, Josef; and Kaiser, Peter, 4,498,185, Cl. 373-93.000.

Kaiser, Roman: *See—*
- Lamparsky, Dietmar; and Kaiser, Roman, 4,500,729, Cl. 560-225.000.

Kaiser Steel (Delaware), Inc.: *See—*
- Oswald, Donald E., 4,497,837, Cl. 426-398.000.

Kaiser, Steven W., to Union Carbide Corporation. Production of light olefins. 4,499,327, 2-12-85, Cl. 585-640.000.

Kaiser, Steven W., to Union Carbide Corporation. Production of hydrocarbons with aluminophosphate molecular sieves. 4,524,234, 6-18-85, Cl. 585-638.000.

Kaiser, Steven W., to Union Carbide Corporation. Small olefin interconversions. 4,527,001, 7-2-85, Cl. 585-643.000.

Kaiser, Steven W.: *See—*
- Papa, Anthony J.; and Kaiser, Steven W., 4,535,187, Cl. 568-353.000.

Kaiser, Tony: *See—*
- Julke, Elias; Kaiser, Tony; Osman, Maged A.; and Perkins, Roger, 4,559,167, Cl. 252-518.000.

Kaiser, William J.; and Logothetis, Eleftherios M., to Ford Motor Company. Method of making a titanium dioxide oxygen sensor element by chemical vapor deposition. 4,504,522, 3-12-85, Cl. 427-103.000.

Kaiser, William J., to Ford Motor Company. Circuits for obtaining a voltage reading from a sensing element. 4,520,653, 6-4-85, Cl. 73-23.000.

Kaiser, William J.: *See—*
- Logothetis, Eleftherios M.; and Kaiser, William J., 4,536,241, Cl. 156-89.000.

Kaiser, Wolfgang: *See—*
- von Au, Gunter; Innertsberger, Ernst; Schmidlkofer, Jakob; and Kaiser, Wolfgang, 4,549,004, Cl. 528-42.000.

Kaish, Norman, to International Electronic Technology Corp. Security arrangement for and method of rendering microprocessor-controlled electronic equipment inoperative after occurrence of disabling event. 4,494,114, 1-15-85, Cl. 340-825.310.

Kaisha, Kentetsuco., Ltd.: *See—*
- Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; Takeya, Yasuo; and Nagai, Satoshi, 4,554,805, Cl. 68-12.00R.

Kaitatsu, Nobuaki: *See—*
- Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, 4,555,948, Cl. 73-640.000.

Kaito, Haruyuki: *See—*
- Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,507,942, Cl. 68-20.000.
- Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,551,996, Cl. 68-20.000.

Kaiya, Nobuo: *See—*
- Sasaki, Shosaku; and Kaiya, Nobuo, 4,535,123, Cl. 524-862.000.
- Sasaki, Shosaku; Kaiya, Nobuo; and Shirahata, Akihiko, 4,559,396, Cl. 528-15.000.

Kaizer, Adrianus J. M.: *See—*
- Nieuwendijk, Joris A. M.; Sanders, Georgius B. J.; van Dijk, Cornelis D.; and Kaizer, Adrianus J. M., 4,547,631, Cl. 179-115.50R.

Kaizuma, Hisayuki; and Hakamada, Haruo, to Konishiroku Photo Industry Co., Ltd. Photographic printer. 4,530,599, 7-23-85, Cl. 355-75.000.

Kaizyo, Shuichi: *See—*
- Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Kaj, Goran L.: *See—*
- Axen, Rolf E.; Kaj, Goran L.; and Rigner, Bror S., 4,535,010, Cl. 427-246.000.

Kajaani Oy: *See—*
- Kela, Heino; and Laspa, Matti, 4,516,732, Cl. 241-24.000.
- Peltonen, Eero; Somerikko, Aarni; and Viitanen, Timo, 4,498,338, Cl. 73-432.00R.

Kajfez, Darko: *See—*
- Hwan, Eugene J.; and Kajfez, Darko, 4,521,746, Cl. 331-96.000.

Kaji, Haruo: *See—*
- Inoue, Toshitsugu; Nakada, Akiyoshi; Kaji, Haruo; Doi, Makoto; and Takezawa, Kuninori, 4,522,555, Cl. 414-733.000.

Kaji, Hisatsugu: *See—*
- Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, 4,506,028, Cl. 502-101.000.
- Shigeta, Masatomo; Fukuda, Hiroyuki; Saitoh, Kuniyuki; and Kaji, Hisatsugu, 4,522,895, Cl. 429-44.000.

Kaji, Isamu. Conductive structure and method of manufacture thereof. 4,532,099, 7-30-85, Cl. 264-510.000.

Kaji, Kiyokane: *See—*
- Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.

Kaji, Tetsuo: *See—*
- Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, 4,555,948, Cl. 73-640.000.

Kaji, Yasumasa; Isomura, Shigenori; Harada, Takashi; and Sakakibara, Shuji, to Nippondenso Co., Ltd. Method and apparatus for controlling air-fuel ratio in internal combustion engines. 4,517,948, 5-21-85, Cl. 123-489.000.

Kajigaya, Shinichi; and Nakaya, Mitsuo, to Bridgestone Tire Company Limited. Marine fenders. 4,515,502, 5-7-85, Cl. 405-215.000.

Kajigaya, Shinichi: *See—*
- Yamaguchi, Ikutoshi; and Kajigaya, Shinichi, 4,545,316, Cl. 114-219.000.

Kajihara, Akiharu: *See—*
- Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, 4,491,592, Cl. 424-318.000.

Kajihara, Takehiro: *See—*
Kaneno, Masayuki; and Kajihara, Takehiro, 4,495,116, Cl. 264-1.200.

Kajikawa, Hiromi; and Sugita, Masao, to Jidosha Kiki Co., Ltd. Method of manufacturing a valve sleeve. 4,535,319, 8-20-85, Cl. 26-157.10R.

Kajikawa, Hiroshi: *See—*
Suzuki, Norio; Kajikawa, Hiroshi; and Nishikawa, Tadashi, 4,524,622, Cl. 73-620.000.

Kajikawa, Masauemon; and Ota, Akio, to Kabushiki Kaisha Komatsu Seisakusho. Turbodrill with a reduced drilling fluid pressure on a floating piston. 4,493,381, 1-15-85, Cl. 175-107.000.

Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, to Uroko Seisakusho Co., Ltd. Veneer lathe. 4,494,589, 1-22-85, Cl. 144-213.000.

Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, to Uroko Seisakusho Co., Ltd. Veneer lathe. 4,494,590, 1-22-85, Cl. 144-213.000.

Kajima Corporation: *See—*
Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.
Kubotera, Hiroshi; Ogawa, Kenji; and Hatakeyama, Kenji, 4,548,537, Cl. 414-276.000.

Kajima Kensetsu Kabushiki Kaisha: *See—*
Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.

Kajima, Norio: *See—*
Kohmura, Isao; Miura, Jun; and Kajima, Norio, 4,562,140, Cl. 430-244.000.

Kajima Road Co., Ltd.: *See—*
Hatakenaka, Toshiki; Akiyama, Tetsuo; Asada, Shinji; and Shinohara, Kunio, 4,561,800, Cl. 404-79.000.

Kajimura, Takashi: *See—*
Nakashima, Hisao; Umeda, Jun-ichi; Kuroda, Takao; Kajimura, Takashi; and Matsuda, Hiroshi, 4,503,540, Cl. 372-47.000.
Umeda, Jun-ichi; Nakashima, Hisao; Kajimura, Takashi; and Kuroda, Takao, 4,509,173, Cl. 372-50.000.

Kajino, Isao: *See—*
Yamanaka, Seisuke; Sase, Masatoshi; Yoshioka, Osamu; and Kajino, Isao, 4,556,912, Cl. 358-213.000.
Yoshioka, Osamu; Kajino, Isao; and Yamanaka, Seisuke, 4,553,169, Cl. 358-221.000.

Kajino, Jirou: *See—*
Saito, Fuminari; Kajino, Jirou; and Kanchiku, Hiroshi, 4,562,496, Cl. 360-85.000.

Kajino, Yukio. Method of and apparatus for igniting internal combustion engine. 4,515,117, 5-7-85, Cl. 123-146.50A.

Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, to Hitachi Cable Ltd. Single polarization optical fibers. 4,493,530, 1-15-85, Cl. 350-96.340.

Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, to Hitachi Cable Ltd. Single polarization optical fibers. 4,500,168, 2-19-85, Cl. 350-96.340.

Kajita, Hideo: *See—*
Ueda, Hiroshi; Saito, Mitsuru; and Kajita, Hideo, 4,537,732, Cl. 264-1.100.

Kajita, Hiroshi; Nakajima, Tadanobu; and Iseki, Masahide, to Mita Industrial Co., Ltd. Cleaning device for electrostatic copying machines. 4,502,779, 3-5-85, Cl. 355-15.000.

Kajita, Hiroshi; Iseki, Masahide; Nakajima, Tadanobu; and Kawamori, Yoshizo, to Mita Industrial Co., Ltd. Electrostatic copying apparatus. 4,530,598, 7-23-85, Cl. 355-75.000.

Kajita, Hiroshi: *See—*
Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.

Kajita, Kohji: *See—*
Nakayama, Takashi; Kajita, Kohji; and Yamagata, Selichi, 4,495,761, Cl. 57-328.000.

Kajita, Koji; Nakayama, Takashi; and Yamagata, Seiichi, to Toray Industries, Inc. Apparatus for manufacturing fasciated yarn. 4,509,321, 4-9-85, Cl. 57-328.000.

Kajita, Masaki; Nakaya, Tomio; Hasegawa, Shinichi; and Fujita, Hisanori, to Stanley Electric Co., Ltd.; and Mitsubishi Monsanto Chemical Co., Ltd. Epitaxial wafer of compound semiconductor display device. 4,510,515, 4-9-85, Cl. 357-17.000.

Kajita, Shunsuke: *See—*
Ohsawa, Eiji; and Kajita, Shunsuke, 4,523,715, Cl. 236-49.000.

Kajita, Yoshiki: *See—*
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Kajitani, Koichi: *See—*
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Kajitani, Makoto: *See—*
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Kajiwara, Akiharu: *See—*
Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajiwara, Akiharu; and Ota, Kiichiro, 4,522,759, Cl. 260-404.000.

Kajiwara, Hideki: *See—*
Suehisa, Shiro; and Kajiwara, Hideki, 4,545,685, Cl. 366-144.000.

Kajiwara, Hitoshi: *See—*
Kaneko, Akio; Kajiwara, Hitoshi; Haikawa, Yukihiko; and Nishiga, Kazuya, 4,504,968, Cl. 381-103.000.

Kajiwara, Makoto: *See—*
Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,507,386, Cl. 430-549.000.
Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,510,234, Cl. 430-557.000.

Kajiwara, Syoichiro: *See—*
Kuriyama, Yasuhisa; Kajiwara, Syoichiro; and Ozaki, Fumikazu, 4,561,982, Cl. 210-698.000.

Kajiwara, Toshiro: *See—*
Yamazaki, Hiroyoshi; Minagawa, Yoshiji; Tsuchihashi, Michihiro; Anzai, Yoshinori; and Kajiwara, Toshiro, 4,544,862, Cl. 315-209.00R.

Kajiwara, Toshiyuki; and Kojima, Tatsuji, to Hitachi, Ltd. Method for RD rolling sheet metal. 4,537,057, 8-27-85, Cl. 72-243.000.

Kajiya, Hiroshi; and Sasaki, Hidetomo, to Kabushiki Kaisha Sato. Continuous tag cutting/feeding apparatus. 4,557,169, 12-10-85, Cl. 83-156.000.

Kajiya, Hiroshi: *See—*
Shibayama, Tooru; Kajiya, Hiroshi; and Takahashi, Mitsuharu, 4,501,224, Cl. 118-697.000.

Kajiya, Seitaro: *See—*
Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,147, Cl. 514-274.000.
Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.

Kajiyama, Keiichi, to Disco Abrasive Systems, Ltd. Electrodeposited grinding tool. 4,547,998, 10-22-85, Cl. 51-206.00R.

Kajiyama, Ryuichi, to Mitsubishi Denki Kabushiki Kaisha. Elevator control system. 4,493,399, 1-15-85, Cl. 187-29.00R.

Kajiyama, Ryuichi; and Yonemoto, Masashi, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for controlling the arrival of an elevator cage at an elevator floor. 4,515,246, 5-7-85, Cl. 187-29.00R.

Kajiyama, Shigeru; Takaku, Kazuo; Naruse, Akisuke; and Akasu, Akira, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Guide apparatus. 4,531,663, 7-30-85, Cl. 228-29.000.

Kajiyama, Sigeru, to Hitachi, Ltd. Guide rail apparatus for an object running around piping. 4,515,018, 5-7-85, Cl. 73-637.000.

Kajiyama, Takashi: *See—*
Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, 4,507,179, Cl. 204-58.000.
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Kajumov, Rashid R.: *See—*
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Kakalec, Robert J.: *See—*
Basarath, Brian A.; and Kakalec, Robert J., 4,536,715, Cl. 330-2.000.

Kake, Nin: *See—*
Kinoshita, Hisashi; Yoshitake, Hideki; and Kake, Nin, 4,523,134, Cl. 318-313.000.

Kakeba, Masakatsu: *See—*
Umetsu, Yoshihiro; Muraishi, Masakazu; Ito, Osamu; and Kakeba, Masakatsu, 4,516,788, Cl. 280-6.00R.

Kakehashi, Ikutaro, to Roland Corporation. Sound effect control device for an electric guitar. 4,503,746, 3-12-85, Cl. 84-1.160.

Kakehashi, Yasushi: *See—*
Sakata, Yoshio; and Kakehashi, Yasushi, 4,509,031, Cl. 335-306.000.

Kakei, Tsutomu: *See—*
Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,536,264, Cl. 204-129.430.
Mori, Teruo; Shirai, Hiroshi; Kakei, Tsutomu; Matsuhisa, Tsuneyasu; and Watanabe, Masaru, 4,502,933, Cl. 204-206.000.
Takahashi, Masahiro; Hagiwara, Toshio; Kakei, Tsutomu; and Oda, Kazutaka, 4,518,466, Cl. 204-28.000.

Kaken Kagaku Kabushiki Kaisha: *See—*
Isono, Kiyoshi; Nakamura, Goto; and Fujita, Shigeo, 4,517,178, Cl. 424-122.000.

Kaken Pharmaceutical Co. Ltd.: *See—*
Kojima, Takemasa; Tabata, Kengo; Yanaki, Toshio; and Mitani, Mitsuaki, 4,505,757, Cl. 127-36.000.
Nakano, Jun; Nakanishi, Teruo; and Kimura, Kazuhiko, 4,515,977, Cl. 549-468.000.
Ogawa, Tetsuya; Saitoh, Shinichi; Inoi, Takeshi; Kato, Masaji; and Obara, Heitaro, 4,537,999, Cl. 568-584.000.
Okuda, Jun; Miwa, Ichitomo; Inagaki, Kazuhiro; Horie, Tokunaru; and Nakayama, Mitsuru, 4,532,254, Cl. 514-456.000.

Kakeno, Sadao; Ameyama, Minoru; Ichikawa, Kenichi; Umezawa, Michio; and Yamaguchi, Tomoyuki, to Ricoh Company, Ltd. Receptacle for waste ink collection in ink jet recording apparatus. 4,524,365, 6-18-85, Cl. 346-75.000.

Kakii, Toshiaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi; and Matsumoto, Michito, to Nippon Telegraph & Telephone Public Corporation; and Sumitomo Electric Industries, Ltd. Method of heating thermal shrinkage tube and apparatus therefor. 4,526,732, 7-2-85, Cl. 264-2.700.

Kakimi, Fujio; and Mikami, Takeshi, to Fuji Photo Film Co., Ltd. Encapsulated electrostatographic toner material. 4,520,091, 5-28-85, Cl. 430-110.000.

Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, to Nissan Motor Company, Limited; and Hitachi, Ltd. Method of welding titanium alloy parts with titanium insert. 4,503,314, 3-5-85, Cl. 219-121.0ED.

Kakimoto, Atsushi; Takita, Masaaki; and Watanabe, Shinichi, to Matsushita Electric Industrial Co., Ltd. Paper feeding apparatus. 4,505,469, 3-19-85, Cl. 271-91.000.

Kakimoto, Atsushi; and Takita, Masaaki, to Matsushita Electric Industrial Co., Ltd. Recording paper clamping apparatus. 4,517,575, 5-14-85, Cl. 346-138.000.

Kakimoto, Hirofumi: *See—*

Fujii, Morizumi; Kakimoto, Hirofumi; and Fujino, Shinji, 4,554,769, Cl. 52-173.00R.

Kakimoto, Toshihiko; Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, to Nissan Motor Company, Limited; and Tokai Rubber Industries, Ltd. Fluid-filled engine mount device. 4,491,304, 1-1-85, Cl. 267-140.100.

Kakimoto, Toshihiko, to Nissan Motor Company, Limited. Fluid-filled engine mount device. 4,505,461, 3-19-85, Cl. 267-140.100.

Kakino, Shigeru; Hattori, Katsuhide; Fukatsu, Yoshiaki; Moriyama, Hideo; and Sakakibara, Hidekazu, to Nippon Oil and Fats Co., Ltd. Method of producing a water-in-oil emulsion exposive. 4,511,412, 4-16-85, Cl. 149-109.600.

Kakino, Shigeru: *See—*

Matsui, Fumio; Aono, Shin; Sakai, Hiroshi; Hattori, Katsuhide; and Kakino, Shigeru, 4,511,414, Cl. 149-109.600.

Kakinoki, Yoshikazu: *See—*

Ando, Moritoshi; Mita, Kikuo; and Kakinoki, Yoshikazu, 4,560,273, Cl. 356-237.000.

Kakinuma, Hiroaki; Yoshida, Mamoru; and Nishikawa, Satoshi, to Oki Electric Industry Co., Ltd. Method of manufacturing an electrophotographic photoreceptor. 4,533,564, 8-6-85, Cl. 427-39.000.

Kakita, Shusaku; and Yoshida, Thihiro, to Kasei Optonix, Ltd. Phosphate fluorescent substance. 4,534,885, 8-13-85, Cl. 252-301.40P.

Kakiuchi, Hazime: *See—*

Mashimo, Satoshi; Kakiuchi, Hazime; and Nakajima, Masayoshi, 4,518,376, Cl. 474-261.000.

Kakiuchi, Hideyuki: *See—*

Shimura, Yoshimasa; Kakiuchi, Hideyuki; Minamikawa, Yoshihisa; and Kawasaki, Katsuhiro, 4,524,277, Cl. 250-397.000.

Kakiuchi, Hiroshi, to Kabushiki Kaisha Daini Seikosha. Electrochromic display device. 4,519,930, 5-28-85, Cl. 252-62.200.

Kakizaki, Shinobu; and Yamamoto, Yoshifumi, to Atsugi Motor Parts Co., Ltd. Electronic control system for adjustable shock absorbers. 4,526,401, 7-2-85, Cl. 280-707.000.

Kakizaki, Takao: *See—*

Kogure, Kenji; Kakizaki, Takao; Mitsuya, Yasunaga; Oguchi, Shigemitsu; and Otani, Koji, 4,544,972, Cl. 360-105.000.

Kakizaki, Yukio; Izawa, Hisao; and Hazama, Junji, to Nippon Kogaku K.K. Apparatus for the attitude control of plate-form body. 4,537,501, 8-27-85, Cl. 355-76.000.

Kakizawa, Toshio: *See—*

Okatsuka, Hisashi; Taniguchi, Koichi; and Kakizawa, Toshio, 4,549,056, Cl. 219-10.770.

Kakizoe, Masahiro: *See—*

Okado, Hiroyuki; Kakizoe, Masahiro; Otsuka, Shigeharu; and Sako, Yuji, 4,506,243, Cl. 335-132.000.

Kakl, Josef: *See—*

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Kako, Hiroyoshi; Kobayashi, Nobuo; and Kaneyuki, Toshiaki, to Toyota Jidosha Kabushiki Kaisha. Insert molding device. 4,501,540, 2-26-85, Cl. 425-116.000.

Kako, Hiroyoshi; Kobayashi, Nobuo; Tanimoto, Iwao; and Aiba, Shigeo, to Toyota Jidosha Kabushiki Kaisha. Rack-and-pinion type steering gear. 4,539,857, 9-10-85, Cl. 74-422.000.

Kako, Hiroyuki: *See—*

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Kako, Mitumasa; and Ishigami, Michifumi, to Brother Kogyo Kabushiki Kaisha. Desk apparatus. 4,516,508, 5-14-85, Cl. 108-7.000.

Kako, Yutaka: *See—*

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Kakogawa, Genjiro; Hasuo, Masayoshi; Suga, Yoshinori; and Kojima, Kazuhisa, to Mitsubishi Chemical Industries Limited. Process for preparing polyolefin. 4,507,450, 3-26-85, Cl. 526-128.000.

Kaku, Eisaburo: *See—*

Hanayama, Naoki; Kaku, Eisaburo; and Kinishi, Ryoichi, 4,558,335, Cl. 346-209.000.

Kaku, Shinkyo: *See—*

Rallapalli, Krishna; and Kaku, Shinkyo, 4,542,413, Cl. 358-261.000.

Rallapalli, Krishna; and Kaku, Shinkyo, 4,558,371, Cl. 358-261.000.

Rallapalli, Krishna; and Kaku, Shinkyo, 4,562,484, Cl. 358-261.000.

Kaku, Toshimitsu: *See—*

Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, 4,525,826, Cl. 369-46.000.

Tsunoda, Yoshito; Maeda, Takeshi; Nakamura, Shigeru; and Kaku, Toshimitsu, 4,532,522, Cl. 346-44.000.

Kaku, Yoshihiro; and Otsu, Keiichiro, to Taiho Kogyo Co., Ltd. Swash plate type compressor shoe and manufacturing method therefor. 4,512,175, 4-23-85, Cl. 72-360.000.

Kakuchi, Masami: *See—*

Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.

Kakuda, Yosiro, to Toyota Jidosha Kabushiki Kaisha. Shock-cushioned lamp mounting structure for use in a vehicle. 4,503,487, 3-5-85, Cl. 362-80.000.

Kakuda, Yukio: *See—*

MacDonald, Bruce E.; Galloway, Geoffrey; and Kakuda, Yukio, 4,515,818, Cl. 426-268.000.

Kakudai Shosan Kabushiki Kaisha: *See—*

Ayukawa, Taizo, 4,508,707, Cl. 424-70.000.

Kakugo, Masahiro: *See—*

Shiga, Akinobu; Kakugo, Masahiro; Kojima, Junpei; and Wakatsuki, Kizuku, 4,551,501, Cl. 525-88.000.

Kakuhashi, Takeshi; and Tahara, Hiroshi, to Nitto Electric Industrial Co., Ltd. Part for a slide variable resistor. 4,495,524, 1-22-85, Cl. 338-314.000.

Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, to Nitto Electric Industrial Co., Ltd. Resistor sheet input tablet for the input of two-dimensional patterns. 4,517,546, 5-14-85, Cl. 338-320.000.

Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, to Nitto Electric Industrial Co., Ltd. Resistor sheet input tablet for the input of two-dimensional patterns and method for production of parts for same. 4,540,463, 9-10-85, Cl. 156-630.000.

Kakumaru, Hajime; and Hayashi, Nobuyuki, to Hitachi Chemical Company, Ltd. Aqueous alkali developable photosensitive composition and photosensitive laminate. 4,562,142, 12-31-85, Cl. 430-288.000.

Kakumoto, Hideki: *See—*

Tsuchida, Tsuyoshi; Kido, Yoshinobu; Kakumoto, Hideki; and Tanaka, Yuzuru, 4,512,313, Cl. 123-440.000.

Kakumoto, Hiromi; Ihara, Shinji; Iguchi, Yoji; and Miyata, Makoto, to Matsushita Electric Works, Ltd. Electric shaver. 4,509,259, 4-9-85, Cl. 30-34.100.

Kakumoto, Shigeru: *See—*

Shimada, Shigeru; Kakumoto, Shigeru; and Abe, Osamu, 4,550,434, Cl. 382-9.000.

Kakumu, Masakazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing a FET. 4,536,943, 8-27-85, Cl. 29-571.000.

Kakumu, Muneharu: *See—*

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Takamura, Toshiro; and Kakumu, Muneharu, 4,560,845, Cl. 200-5.00A.

Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, to Hitachi, Ltd.; and Toyo Ink Manufacturing Co., Ltd. Electrophotographic recording medium containing τ and η metal-free phthalocyanine. 4,507,374, 3-26-85, Cl. 430-56.000.

Kakuta, Takuya: *See—*

Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.

Kakuta, Toshio: *See—*

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Amano, Katutoshi; and Kakuta, Toshio, 4,547,964, Cl. 29-883.000.

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Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,501,465, Cl. 339-176.0MP.

Kakuta, Yoshiyuki: *See—*

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Kakutani, Haruko: *See—*

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Kal Tool Engineering: *See—*

Badalamenti, Vito; and Weller, Nicholas J., 4,548,574, Cl. 425-531.000.

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Schulz, Donald N.; Peiffer, Dennis G.; Kowalik, Ralph M.; and Kaladas, Jeffrey J., 4,560,710, Cl. 523-175.000.

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- Kalat, Edwin F., to Pharmasol Corporation, The. Dispensing system. 4,511,069, 4-16-85, Cl. 222-263.000.
- Kalaugher, Patrick G., to University of Exeter. Binocular presentation of visual information. 4,521,074, 6-4-85, Cl. 350-145.000.
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- Kalbfell, Heinz: *See—*
  - Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm, 4,533,755, Cl. 568-454.000.
- Kalbskopf, Reinhard: *See—*
  - Baumberger, Otto; and Kalbskopf, Reinhard, 4,508,054, Cl. 118-718.000.
- Kalch[illegible]hmied, Dietmar; Bonenberger, Hartmut; and Huber, Bernd, to Bayerische Motoren Werke Aktiengesellschaft. Bumper for automotive vehicles. 4,498,696, 2-12-85, Cl. 293-126.000.
- Kaldas, George A., to Texas Instruments Incorporated. Display system for data in different forms of writing, such as the arabic and latin alphabets. 4,507,734, 3-26-85, Cl. 364-419.000.
- Kaleda, William W.: *See—*
  - Zeller, Bary L.; Kaleda, William W.; and Saleeb, Fouad Z., 4,521,438, Cl. 426-271.000.
- Kaleida, Richard H., to AMP Incorporated. Membrane switch having integral switch tail insulator. 4,493,952, 1-15-85, Cl. 200-5.00A.
- Kaleita, David L.: *See—*
  - Michaels, Paul A.; and Kaleita, David L., 4,510,426, Cl. 318-565.000.
- Kalenik, Stephen P.: *See—*
  - Eburn, William H., Jr.; and Kalenik, Stephen P., 4,508,142, Cl. 137-625.400.
- Kaler, Ward S.: *See—*
  - O'Brien, Larry S.; and Kaler, Ward S., 4,522,787, Cl. 422-78.000.
- Kalfayan, Leonard J.: *See—*
  - Watkins, David R.; and Kalfayan, Leonard J., 4,498,538, Cl. 166-295.000.
  - Watkins, David R.; Knight, Robert K.; Young, Donald C.; and Kalfayan, Leonard J., 4,549,609, Cl. 166-303.000.
- Kali-Chemie Aktiengesellschaft: *See—*
  - Buchwald, Hans; and Raschkowski, Boleslaus, 4,492,641, Cl. 252-48.400.
  - Meier zu Koecker, Heinz; Walter, Robert; and Schmidt, Torsten, 4,528,170, Cl. 423-245.000.
  - Thies, Peter W.; and David, Samuel, 4,526,991, Cl. 549-363.000.
  - Weidenbach, Gunter; Bonse, Dirk; and Meyer, Boris, 4,533,633, Cl. 435-94.000.
- Kali-Chemie Pharma GmbH: *See—*
  - Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,515,944, Cl. 544-91.000.
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  - Kehrbach, Wolfgang; and Wegener, Joachim, 4,558,052, Cl. 514-279.000.
  - Liepmann, Hans; Ruhland, Michael; Muesch, Herbert; Benson, Werner; Heinemann, Henning; and Zeugner, Horst, 4,508,716, Cl. 514-220.000.
  - Schoen, Uwe; Hachmeister, Bernd; Kehrbach, Wolfgang; Kuehl, Ulrich; and Buschmann, Gerd, 4,550,112, Cl. 514-278.000.
  - Zeugner, Horst; Romer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,497,740, Cl. 260-244.400.
  - Zeugner, Horst; Ruhland, Michael; Liepmann, Hans; Milkowski, Wolfgang; and Muesch, Herbert, 4,505,908, Cl. 514-221.000.
  - Zeugner, Horst; Roemer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,533,662, Cl. 514-221.000.
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  - Fricke, Gunter; Geisler, Irving; and Zentgraf, Helmut, 4,557,827, Cl. 209-127.400.
  - Loblich, Karl-Richard, 4,496,526, Cl. 423-306.000.
  - Loblich, Karl-Richard, 4,536,376, Cl. 423-306.000.
- Kalidas, Navinchandra: *See—*
  - Thompson, Raymond W.; Kalidas, Navinchandra; Abbott, John H.; and Laffitte, David S., 4,540,226, Cl. 339-17.0CF.
- Kalil, Lou F.; and Reinhardt, Victor, to United States of America, National Aeronautics and Space Administration. Temperature averaging thermal probe. 4,556,327, 12-3-85, Cl. 374-115.000.
- Kalina, Alexander I. Method of generating energy. 4,548,043, 10-22-85, Cl. 60-673.000.
- Kalina, Dale G.: *See—*
  - Horwitz, E. Philip; Kalina, Dale G.; Kaplan, Louis; and Mason, George W., 4,548,790, Cl. 423-9.000.
- Kalina, Davida W.: *See—*
  - Maas, Edward T., Jr.; and Kalina, Davida W., 4,526,774, Cl. 423-573.00R.
- Kalina, Robert F.: *See—*
  - Gliwa, William F.; and Kalina, Robert F., 4,516,737, Cl. 242-77.000.
- Kalinowski, James E.: *See—*
  - Rutten, Peter T.; and Kalinowski, James E., 4,534,306, Cl. 114-311.000.
- Kalinowski, Robert E.: *See—*
  - Graiver, Daniel; and Kalinowski, Robert E., 4,545,914, Cl. 252-511.000.
  - Graiver, Daniel; and Kalinowski, Robert E., 4,547,312, Cl. 252-513.000.
- Kalinowski, Robert S., Jr.: *See—*
  - Sanderson, Edward; Sanderson, Laurence S.; and Kalinowski, Robert S., Jr., 4,493,951, Cl. 179-175.30F.
- Kalish, Richard J.: *See—*
  - Groat, Dennis E.; Sell, Richard W.; Kalish, Richard J.; and Melton, Horace E., 4,533,544, Cl. 424-52.000.
- Kaljee, Jan; Lalor, Leo J.; Pagani, Sergio M.; and Robinson, Frederick P. A., to Nasionale Sweisware (Eiendoms) Beperk. Welding electrode. 4,517,441, 5-14-85, Cl. 219-146.230.
- Kalk, Franklin: *See—*
  - Pelkey, Kathleen; and Kalk, Franklin, 4,556,968, Cl. 369-287.000.
- Kalkbrenner, Ralph W.; and Kobuck, Richard M., to Westinghouse Electric Corp. Workpiece gripping and manipulating apparatus for laser welding systems and the like. 4,538,956, 9-3-85, Cl. 414-735.000.
- Kalkbrenner, Ralph W.: *See—*
  - Antol, Ronald F.; Kalkbrenner, Ralph W.; and Wolfe, Donald L., 4,501,949, Cl. 219-121.0LC.
  - Antol, Ronald F.; Kalkbrenner, Ralph W.; and Kobuck, Richard M., 4,518,843, Cl. 219-121.0LC.
  - Antol, Ronald F.; Kalkbrenner, Ralph W.; and Kobuck, Richard M., 4,539,738, Cl. 29-467.000.
  - Kobuck, Richard M.; Miller, Richard A.; Kalkbrenner, Ralph W.; Kerrey, John S.; and Duncan, Robert, 4,492,844, Cl. 219-121.0LC.
  - Kobuck, Richard M.; and Kalkbrenner, Ralph W., 4,519,593, Cl. 269-40.000.
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- Kallay, Maria: *See—*
  - Buhler, Ulrich; Kuhlein, Klaus; Tappe, Horst; Kallay, Maria; Kosubek, Uwe; and Lowenfeld, Rudolf, 4,552,953, Cl. 534-886.000.
- Kallestad, Daniel R.; Kress, Bruce A.; and Satre, Kenneth I., to Sentry Technologies, Inc. Method and apparatus for aeration of stored grain. 4,522,335, 6-11-85, Cl. 236-44.00C.
- Kallestad Laboratories, Inc.: *See—*
  - Bacquet, Cathy A.; and Twumasi, Daniel Y., 4,550,075, Cl. 435-7.000.
- Kallfass, Traugott: *See—*
  - Luder, Ernst; and Kallfass, Traugott, 4,541,904, Cl. 204-38.300.
- Kallio, Leo W. Simulated baseball game. 4,519,610, 5-28-85, Cl. 273-89.000.
- Kallman, William R., to Johnson, Martin Reid, a part interest. Magnetohydrodynamic generator system. 4,523,113, 6-11-85, Cl. 310-11.000.
- Kallmes, Otto J., to M/K Plank Corporation. Forming roll apparatus. 4,561,938, 12-31-85, Cl. 162-314.000.
- Kallmeyer, James B.: *See—*
  - Funk, David B.; and Kallmeyer, James B., 4,534,229, Cl. 73-863.000.
- Kallmeyer, James D.: *See—*
  - Funk, David B.; Kallmeyer, James D.; and Harker, Wesley H., 4,496,907, Cl. 324-445.000.
- Kallmeyer, Michael: *See—*
  - Asch, Karl; Greschner, Johann; Kallmeyer, Michael; and Kulcke, Werner, 4,520,314, Cl. 324-158.00P.
- Kallok, Michael J.; and Bornzin, Gene A., to Medtronic, Inc. Energy limiting cardioversion lead. 4,499,907, 2-19-85, Cl. 128-786.000.
- Kallweit, Manfred: *See—*
  - Blasing, Horst; and Kallweit, Manfred, 4,560,460, Cl. 204-224.00R.
- Kalman, Tibor. Method for sculpting paperweight of attractive appearance. 4,511,630, 4-16-85, Cl. 428-542.200.
- Kalognomos, Viktor I.: *See—*
  - Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., 4,491,314, Cl. 272-63.000.
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- Kalomeris, Mary. Belts with concealed pockets. 4,525,879, 7-2-85, Cl. 2-338.000.
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- Kalowski, Thaddeus J.: *See—*
  - Weimer, Ralph E.; Kalowski, Thaddeus J.; and Novy, Robert A., 4,522,117, Cl. 99-348.000.
- Kalpakci, Bayram; and Chan, Keng S., to Standard Oil Company, The. Method of enhanced oil recovery employing thickened amphoteric surfactant solutions. 4,554,974, 11-26-85, Cl. 166-273.000.
- Kalpathi, Gopalkrishnan S.: *See—*
  - Bhaduri, Sumit; Sharma, Krishna R.; and Kalpathi, Gopalkrishnan S., 4,491,670, Cl. 560-24.000.
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- Kals, Walter, to Niagara Blower Company. Vacuum producing condenser. 4,509,591, 4-9-85, Cl. 165-122.000.
- Kals, Walter, to Niagara Blower Company. Vacuum producing condenser. 4,517 805, 5-21-85, Cl. 60-688.000.

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- Korb, Charles L.; and Kalshoven, James E., Jr., 4,493,553, Cl. 356-43.000.

Kalsi, Manmohan S.: *See—*
- Saunders, Donna D.; Kalsi, Manmohan S.; and Chen, Gun-Shing, 4,549,754, Cl. 285-334.000.

Kaltenbach & Voigt GmbH & Co.: *See—*
- Beier, Stefan, 4,549,124, Cl. 318-663.000.
- Braetsch, Hartmut; and Herter, Karl, 4,523,911, Cl. 433-101.000.
- Eibofner, Eugen; and Strohmaier, Ernst, 4,544,355, Cl. 433-104.000.
- Gmeinder, Hermann; and Wenger, Georg, 4,514,604, Cl. 200-83.00N.
- Hoffmeister, Jurgen; and Kuhn, Bernhard, 4,518,355, Cl. 433-29.000.
- Lohn, Gerd, 4,504,227, Cl. 433-131.000.
- Lohn, Gerd, 4,515,564, Cl. 433-126.000.
- Strohmaier, Ernst, 4,514,169, Cl. 433-29.000.
- Strohmaier, Ernst; Reich, Heinrich; and Wagner, Bernd, 4,519,780, Cl. 433-29.000.
- Strohmaier, Ernst, 4,534,732, Cl. 433-29.000.

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Kaltz, Milton C.; Garascia, David C.; and Kilpinen, Michael E., to ASC Incorporated. Method for installing a sliding roof panel assembly. 4,553,307, 11-19-85, Cl. 29-434.000.

Kaltz, Milton C.: *See—*
- Trostle, D. Mark; Kaltz, Milton C.; Moler, Ronald; and Cowsert, Lendell E., 4,512,606, Cl. 296-130.000.

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Kaluza, Rudolph T. Continuous form multiple ply assembly. 4,493,496, 1-15-85, Cl. 282-11.50A.

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Kalvenes, Oystein: *See—*
- Goransson, Rolf E.; and Kalvenes, Oystein, 4,528,883, Cl. 83-870.000.

Kalverkamp, Klemens. Method and apparatus for harvesting corn or other cereals. 4,539,799, 9-10-85, Cl. 56-60.000.

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- Ravindram, Maddury; and Kalvinskas, John J., 4,511,362, Cl. 44-1.0SR.

Kalvoda, Jaroslav: *See—*
- Grob, Jurgen; and Kalvoda, Jaroslav, 4,552,871, Cl. 514-172.000.
- Grob, Jurgen; and Kalvoda, Jaroslav, 4,559,332, Cl. 514-175.000.

Kalyanaraman, Palaiyur S.: *See—*
- Gaudiana, Russell A.; and Kalyanaraman, Palaiyur S., 4,503,248, Cl. 564-307.000.

Kalynchuk, Daniel G.: *See—*
- Papadakis, Nicholas; and Kalynchuk, Daniel G., 4,536,274, Cl. 204-433.000.

Kalz, Dietmar: *See—*
- Ellis Margaret D.; Ferencz, Richard L.; and Kalz, Dietmar, 4,537,991, Cl. 564-133.000.
- Morris, Susan M.; Thomas, Thomas J.; and Kalz, Dietmar, 4,549,980, Cl. 252-301.230.

Kalz, Hans-Jurgen: *See—*
- Rieck, Hans-Peter; and Kalz, Hans-Jurgen, 4,528,172, Cl. 423-329.000.

Kam, Anthony Y.: *See—*
- Avidan, Amos A.; and Kam, Anthony Y., 4,513,160, Cl. 585-640.000.

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- Matier, William L.; and Kam, Sheung-Tsam, 4,501,912, Cl. 560-66.000.

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Kamachi, Hajime: *See—*
- Aburaki, Shimpei; Kamachi, Hajime; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,525,473, Cl. 514-202.000.

Kamada, Akio: *See—*
- Matsuyama, Junya; Kamada, Akio; Kawabata, Fumimaru; Uegaki, Tatsufumi; and Miyake, Shigeru, 4,527,033, Cl. 219-61.000.
- Sasaki, Hiroaki; Nishiyama, Noboru; and Kamada, Akio, 4,546,230, Cl. 219-121.0LD.

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Kamada, Kazumasa; Osaka, Norihisa; and Kaneda, Masahiro, to Mitsubishi Rayon Co., Ltd. Vinyl chloride polymer composition. 4,520,166, 5-28-85, Cl. 525-85.000.

Kamada, Kazumasa; Tamai, Katsumi; Abe, Kazunori; and Shiraishi, Yoshinobu, to Mitsubishi Rayon Co., Ltd. Methacrylic resin shaped article, process for producing the same and process for producing a shaped article having a mat surface from said resin shaped article. 4,525,537, 6-25-85, Cl. 525-198.000.

Kamada, Masahiro: *See—*
- Kurahashi, Osamu; Kamada, Masahiro; and Enei, Hitoshi, 4,560,652, Cl. 435-108.000.

Kamada, Minoru: *See—*
- Higuchi, Seizun; Ooga, Tomonari; Tsukamoto, Yukio; Kamada, Minoru; and Nomura, Yukio, 4,501,802, Cl. 428-629.000.

Kamada, Osao, to Hitachi Cable Ltd. Process for production of hydrate surfaced rolled copper foil laminated plates. 4,518,449, 5-21-85, Cl. 156-153.000.

Kamada, Toshihiko, to Kamatari Co., Ltd. Golf gloves. 4,514,861, 5-7-85, Cl. 2-161.00A.

Kamai, Kenichiro, to Nippondenso Co., Ltd. Engine throttle valve position detecting system. 4,561,295, 12-31-85, Cl. 73-117.300.

Kamai, Toshimitsu, to Sony Corporation. Apparatus for reproducing video and audio signals. 4,527,203, 7-2-85, Cl. 360-19.100.

Kamai, Toshimitsu: *See—*
- Kono, Takashi; Minegishi, Akira; and Kamai, Toshimitsu, 4,492,986, Cl. 358-330.000.

Kamaike, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for A.C. elevator. 4,554,999, 11-26-85, Cl. 187-29.00R.

Kamaishi, Tadami; and Kitagawa, Takao, to Toray Industries, Inc. Graphic arts film and method of preparing same. 4,500,587, 2-19-85, Cl. 428-204.000.

Kamalski, Theodor I. E., to U.S. Philips Corporation. FM-receiver having multipath reception detector and noise pulse suppression. 4,491,957, 1-1-85, Cl. 381-13.000.

Kamamori, Hitoshi: *See—*
- Hoshi, Hideo; and Kamamori, Hitoshi, 4,525,710, Cl. 340-784.000.
- Sano, Yutaka; Iwasa, Koji; Kamamori, Hitoshi; Suginoya, Mitsuru; and Terada, Yumiko, 4,528,073, Cl. 204-15.000.
- Suginoya, Mitsuru; Iwasa, Koji; Kamamori, Hitoshi; Sano, Yutaka; and Terada, Yumiko, 4,522,691, Cl. 204-18.100.

Kamanaka, Ryusuke: *See—*
- Kuwa, Masatoshi; Kamanaka, Ryusuke; and Nihei, Toshio, 4,556,103, Cl. 165-122.000.

Kamanaka, Tamaki: *See—*
- Kumasaka, Sadao; Tada, Satomi; Horikoshi, Shigeo; Kamanaka, Tamaki; and Taniguchi, Hiroshi, 4,517,312, Cl. 521-47.000.

Kamano, Takao: *See—*
- Iwayama, Kazuyoshi; Kamano, Takao; Tada, Kuniyuki; and Inoue, Takehisa, 4,511,547, Cl. 423-329.000.

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- Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.

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- Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Kamat, Dattatraya V., to Crown Textile Company. Composite interlining material. 4,495,661, 1-29-85, Cl. 2-97.000.

Kamata, Hideaki: *See—*
- Ueno, Susumu; and Kamata, Hideaki, 4,504,349, Cl. 156-272.600.

Kamata, Isao, to Tokyo Shibaura Denki Kabushiki Kaisha. Electrical switchgear. 4,513,208, 4-23-85, Cl. 307-139.000.

Kamata, Kazumasa; Nakai, Yoshio; and Shimomura, Yasunori, to Mitsubishi Rayon Co., Ltd. Methacrylic resin composition. 4,558,098, 12-10-85, Cl. 525-207.000.

Kamata, Kazuo: *See—*
- Maemori, Takashi; and Kamata, Kazuo, 4,544,249, Cl. 354-195.120.

Kamata, Keiji: *See—*
- Ichikawa, Isamu; Fukushi, Yutaka; Kamata, Keiji; and Suzuki, Hikoshiro, 4,553,696, Cl. 236-49.000.

Nishizawa, Toshio; Kamata, Keiji; Nonomura, Osamu; and Fukushi, Yutaka, 4,491,061, Cl. 98-34.600.

Kamata, Kunio: *See*—

Iino, Toshiki; and Kamata, Kunio, 4,538,960, Cl. 415-104.000.

Kamata, Nobuo; Sekiya, Takashi; Takeda, Kazutoshi; Hayasaka, Toyoo; and Yoshida, Tomohisa, to Kabushiki Kaisha Daini Seikosha. Divalent silver oxide cell including cadmium and tellunium. 4,520,087, 5-28-85, Cl. 429-219.000.

Kamata, Shigeru: *See*—

Isobe, Takashi; and Kamata, Shigeru, 4,491,396, Cl. 350-429.000.

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Masuno, Katsuyoshi; and Kamata, Tsutomu, 4,516,557, Cl. 123-619.000.

Kamata, Yuzuru: *See*—

Kanoi, Minoru; Hori, Yasuro; and Kamata, Yuzuru, 4,514,714, Cl. 336-100.000.

Kamatani, Yoshio; and Sakamoto, Takurou, to Takeda Chemical Industries, Ltd. Method for curing polyurethane compounds. 4,546,153, 10-8-85, Cl. 525-453.000.

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Nakabayashi, Masamitsu; Miyaji, Masuo; and Kamatani, Yoshio, 4,495,020, Cl. 156-314.000.

Kamatari Co., Ltd.: *See*—

Kamada, Toshihiko, 4,514,861, Cl. 2-161.00A.

Kamath, G. Sanjiv: *See*—

Knechtli, Ronald C.; Loo, Robert Y.; and Kamath, G. Sanjiv, 4,494,302, Cl. 29-575.000.

Kamaya, Naoki: *See*—

Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Seisuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.

Kambanis, Stamatis M.; Berchem, Antoine; Gregoire, Dennis; and Rybicky, Jaroslav, to Reichhold Limited. Lignin-modified phenolic adhesives for pressed wood products. 4,537,941, 8-27-85, Cl. 527-403.000.

Kambara, Jun; Ohmuro, Yuzo; and Kamogawa, Nin-ichi, to Konishiroku Photo Industry Co., Ltd. Method of developing an electrostatic latent image. 4,540,646, 9-10-85, Cl. 430-122.000.

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Kambara, Shu; Arakawa, Tatsumi; and Takahashi, Akio, to Director-General of the Agency of Industrial Science and Technology. Polyvinylene sulfide and polyvinylene selenide. 4,537,950, 8-27-85, Cl. 528-380.000.

Kambara, Toru; Uemura, Michihiko; and Iwanaga, Takeya, to Asahi Glass Company Ltd. Ultrasonic delay line. 4,516,090, 5-7-85, Cl. 333-141.000.

Kambayashi, Yuusaku, to NEC Corporation. Frame synchronizing signal insertion system. 4,562,574, 12-31-85, Cl. 370-100.000.

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Kubota, Hiromi; and Kambe, Toshiyuki, 4,551,588, Cl. 200-33.00R.

Kame, Yuichi: *See*—

Shimizu, Kunio; Kame, Yuichi; and Tsuji, Yoshimasa, 4,506,953, Cl. 350-276.00R.

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Kameda, Hideki: *See*—

Nakamura, Koichi; Ishibashi, Masashi; Kameda, Hideki; and Makiyo, Minoru, 4,555,422, Cl. 428-36.000.

Kameda, Naomi, to Sclavo, Inc. Competitive immunofluorescence assay and test kit. 4,548,908, 10-22-85, Cl. 436-500.000.

Kameda, Osamu; and Fuse, Takahiro, to Casio Computer Co., Ltd. Video signal analog-to-digital converter for an image display apparatus. 4,523,232, 6-11-85, Cl. 358-236.000.

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Hirasawa, Yukinori; and Kameda, Osamu, 4,562,478, Cl. 358-236.000.

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Shibatani, Haruo; Takahashi, Kunimasa; and Kameda, Takashi, 4,528,087, Cl. 208-22.000.

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Kamehara, Nobuo; Kurihara, Kazuaki; and Niwa, Koichi, to Fujitsu Limited. Method for producing multilayered glass-ceramic structure with copper-based conductors therein. 4,504,339, 3-12-85, Cl. 156-89.000.

Kamei, Futoshi, to Kabushiki Kaisha Kobe Seiko Sho. Mold adapted to house electromagnetic stirrer coil for continuous casting equipment. 4,518,027, 5-21-85, Cl. 164-435.000.

Kamei, Kiyoho, to Kabushiki Kaisha Toshiba. Process for fabricating field effect transistors. 4,559,693, 12-24-85, Cl. 29-571.000.

Kamei, Masayuki; Endo, Tomio; and Hashimoto, Yutaka, to Dainippon Ink and Chemicals, Inc.; and Kawamura Institute of Chemical Research. Aqueous foam fire extinguisher. 4,536,298, 8-20-85, Cl. 252-8.050.

Kamei, Ryosuke; Tanaka, Toyoaki; Sano, Takeshi; and Kotani, Masataka, to Showa Denko Kabushiki Kaisha. Process for producing a monofilament having high tenacity. 4,504,432, 3-12-85, Cl. 264-177.00F.

Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi, to Showa Denko Kabushiki Kaisha. Packaging cloth. 4,554,202, 11-19-85, Cl. 428-225.000.

Kamei, Sadao; Ohashi, Yuichi; Ukai, Toshinao; Yamamuro, Kiyohiko; and Takei, Haruo, to Fuji Photo Film Co., Ltd. Silver halide color light-sensitive materials. 4,546,074, 10-8-85, Cl. 430-573.000.

Kamei, Sakito: *See*—

Murata, Seiichiro; Yoshioka, Toshio; Kamei, Sakito; Hiramatsu, Yoshitada; Takeuchi, Shin; and Yamawaki, Yoshiro, 4,548,154, Cl. 114-355.000.

Ohta, Michio; Kamei, Sakito; and Aoki, Kazumi, 4,538,481, Cl. 74-603.000.

Kamei, Seisuke; Tanaka, Toshiaki; Hayashi, Kazutoshi; Tanaka, Akira; and Kinoshita, Ryohei, to Fujitsu Limited. Push-button switch and a keyboard comprising the same. 4,529,849, 7-16-85, Cl. 200-5.00A.

Kamei, Taketo; and Osada, Kimio, to Tokyo Shibaura Denki Kabushiki Kaisha. Fluorescent lamp having separate cooling means for ballast and fluorescent tube. 4,503,358, 3-5-85, Cl. 315-58.000.

Kamei, Tsuneaki: *See*—

Kawahito, Tsuneyoshi; Abe, Katsuo; Kamei, Tsuneaki; Fujimoto, Kazuyuki; Mitani, Masao; and Hiratsuka, Shigetoshi, 4,517,444, Cl. 219-216.000.

Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, to Hitachi, Ltd. Picture processing apparatus. 4,549,208, 10-22-85, Cl. 358-108.000.

Kamejima, Kohji: *See*—

Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, 4,493,192, Cl. 62-141.000.

Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, 4,498,307, Cl. 62-148.000.

Kamel, Mostafa M.; Wells, Larry D.; and Buchanan, Jerry C., to Cummins Engine Company, Inc. Fuel additive injection system. 4,557,221, 12-10-85, Cl. 123-1.00A.

Kamemura, Yoshiki: *See*—

Kondo, Tatsuo; Tamura, Manabu; Tanimura, Masayuki; and Kamemura, Yoshiki, 4,556,423, Cl. 75-125.000.

Kameo, Kazuya: *See*—

Tomisawa, Kazuyuki; Kameo, Kazuya; Matsunaga, Toru; Saito, Shiuji; Nakashima, Yoshimoto; and Sata, Kaoru, 4,541,959, Cl. 260-455.00R.

Kameo, Yuji: *See*—

Toda, Yuichi; Sakamoto, Katsuji; Tanaka, Shigeru; and Kameo, Yuji, 4,549,391, Cl. 57-13.000.

Kameoka, Takahito: *See*—

Goto, Moritaka; and Kameoka, Takahito, 4,558,913, Cl. 339-74.00R.

Kamerman, Adriaan, to NCR Corporation. Circuit for reducing errors in a data receiver. 4,530,104, 7-16-85, Cl. 375-14.000.

Kameswaran, Venkataraman, to American Cyanamid Company. Method for the racemization of (2)-2-(4-difluoromethoxyphenyl)-3-methylbutyric acid. 4,506,097, 3-19-85, Cl. 562-401.000.

Kameya, Kazuo, to Elmec Corporation. Delay line. 4,507,628, 3-26-85, Cl. 333-138.000.

Kameya, Kazuo, to Elmec Corporation. Variable delay line. 4,525,691, 6-25-85, Cl. 333-139.000.

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Kameyama, Koji: *See*—

Deguchi, Naoyasu; Kameyama, Koji; and Nakamura, Taku, 4,497,893, Cl. 430-359.000.

Kameyama, Shuichi; Shinozaki, Satoshi; and Iwai, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing semiconductor device. 4,532,701, 8-6-85, Cl. 29-576.00W.

Kameyama, Shuichi: *See*—

Sasaki, Gen; and Kameyama, Shuichi, 4,551,911, Cl. 29-576.00W.

Kamezaki, Yasushi: *See*—

Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.

Kamhi, Victor M., to American Cyanamid Company. Poly(ethyleneoxy)-substituted-9,10-bis(phenylethynyl)anthracene mixtures. 4,547,317, 10-15-85, Cl. 252-700.000.

Kami, Tomohiro, to Matsushita Electric Works, Ltd. Sphygmomanometer. 4,549,550, 10-29-85, Cl. 128-686.000.

Kami, Yozo; Minakawa, Masaaki; and Kubo, Kenji, to Honda Giken Kogyo Kabushiki Kaisha. Suspension for vehicles. 4,538,831, 9-3-85, Cl. 280-666.000.

Kami, Yozo: *See*—

Shimizu, Yasuo; Asanuma, Nobuyoshi; and Kami, Yozo, 4,504,081, Cl. 280-714.000.

Kamichika, Masakazu: *See*—

Sasaki, Itsuo; Suzuki, Hiroaki; and Kamichika, Masakazu, 4,532,494, Cl. 340-347.0AD.

Kamieniecki, Emil, to GTE Automatic Electric Laboratories Incorporated. Method of measuring photo-induced voltage at the surface of semiconductor materials. 4,544,887, 10-1-85, Cl. 324-158.00R.

Kamienski, Conrad W., to Lithium Corporation of America. Preparation of certain alkaline earth metal organometallic compounds. 4,555,498, 11-26-85, Cl. 502-153.000.

Kamifuji, Hiroshi; Ito, Tomoo; and Niida, Chiaki, to Hitachi, Ltd. Rotational speed control apparatus for internal combustion engines. 4,522,175, 6-11-85, Cl. 123-339.000.

Kamifuji, Hiroshi; Ito, Tomoo; Kobayashi, Haruhiko; and Itakura, Tomiya, to Hitachi, Ltd.; and Hitachi Automotive Engineering Co., Ltd. Engine control apparatus and control method. 4,547,852, 10-15-85, Cl. 364-431.040.

Kamifuji, Hiroshi: *See—*

Ito, Tomoo; Kamifuji, Hiroshi; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,494,498, Cl. 123-179.00G.

Kamigaito, Osami; Doi, Haruo; and Fukushima, Yoshiaki, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Formed product of vermiculite and method for producing the same. 4,497,869, 2-5-85, Cl. 428-402.000.

Kamiguchi, Taiji: *See—*

Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, 4,521,631, Cl. 568-478.000.

Kamiishi, Hirofumi: *See—*

Matsuura, Kazuo; Shikatani, Yutaka; Kamiishi, Hirofumi; Kuroda, Nobuyuki; and Miyoshi, Mituji, 4,537,938, Cl. 526-97.000.

Kamijo, Atsushi; and Igarashi, Hitoshi, to NEC Corporation. Wire bonder with controlled atmosphere. 4,549,059, 10-22-85, Cl. 219-56.210.

Kamijo, Eiji; and Higuchi, Matsuo, to Sumitomo Electric Industries, Ltd. Process and apparatus for manufacturing fine powder. 4,556,416, 12-3-85, Cl. 75-0.50B.

Kamijo, Ken, to Nissan Motor Company, Limited. Strap retractor assembly. 4,519,652, 5-28-85, Cl. 297-477.000.

Kamijo, Ken; and Uekusa, Yasuyuki, to Nissan Motor Company, Limited. Seat belt retractor. 4,534,441, 8-13-85, Cl. 180-268.000.

Kamijo, Yoshimi: *See—*

Kano, Mitsuru; and Kamijo, Yoshimi, 4,545,928, Cl. 252-518.000.

Kamil, Zvi, to Elscint Ltd. Cryogenic magnet systems. 4,537,033, 8-27-85, Cl. 62-3.000.

Kamiller, Neil A., to Reliance Electric Company. Peak charging circuit providing for improved loop gain and common mode noise rejection. 4,521,841, 6-4-85, Cl. 363-45.000.

Kamimaru, Nobuyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Programmable counter system. 4,545,063, 10-1-85, Cl. 377-52.000.

Kamimura, Hiroshi; and Ito, Tetsuo, to Hitachi, Ltd. Distributed control system. 4,542,479, 9-17-85, Cl. 364-900.000.

Kamimura, Mamoru: *See—*

Nakada, Takao; Kamimura, Mamoru; and Ashizawa, Toranosuke, 4,542,110, Cl. 501-103.000.

Kamimura, Masanori: *See—*

Tanaka, Hideki; Kamimura, Masanori; Horikawa, Koji; and Kawasaki, Katsuyuki, 4,525,158, Cl. 474-167.000.

Kamimura, Takaaki: *See—*

Nozaki, Hidetoshi; Kamimura, Takaaki; Hatayama, Tamothu; and Utagawa, Tadashi, 4,500,744, Cl. 136-258.000.

Kamimura, Testuro; and Matsuki, Seiichiro, to Pioneer Electronic Corporation. Cassette tape recorder. 4,492,998, 1-8-85, Cl. 360-132.000.

Kamimura, Tetsuro: *See—*

Komatsubara, Masahiro; Kamimura, Tetsuro; Inanaga, Takugi; and Takahashi, Akira, 4,527,756, Cl. 242-68.300.

Kamimura, Teturo; Komatsubara, Masahiro; Ando, Shizuo; and Inanaga, Takugi, to Pioneer Electronic Corporation. Cassette tape player having supply and take-up motors positioned vertically above a cassette receiving mechanism. 4,536,811, 8-20-85, Cl. 360-96.600.

Kamimura, Yoshihiko; Okamoto, Toshiro; Takahashi, Naoyuki; Makihara, Hiroshi; and Oshima, Michio, to Mitsubishi Jukogyo Kabushiki Kaisha. Thermal cracking method for producing olefins from hydrocarbons. 4,520,224, 5-28-85, Cl. 585-648.000.

Kaminaga, Hiromitsu; and Kondo, Hiroshi, to Yoshida Kogyo K.K. Heat-insulating frame assembly for use in corner of curtain wall construction. 4,543,756, 10-1-85, Cl. 52-284.000.

Kaminaga, Hiromitsu, to Yoshida Kogyo K.K. Parapet portion of curtain wall. 4,557,088, 12-10-85, Cl. 52-235.000.

Kaminaga, Hiromitsu, to Yoshida Kogyo K.K. Unit curtain wall. 4,561,228, 12-31-85, Cl. 52-235.000.

Kaminaga, Seiji: *See—*

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, 4,519,702, Cl. 355-51.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, 4,551,009, Cl. 355-15.000.

Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, to Sumitomo Metal Industries, Ltd. Fluid distributor. 4,512,368, 4-23-85, Cl. 137-561.00A.

Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, to Sumitomo Metal Industries, Ltd. Powdery coal burner. 4,523,530, 6-18-85, Cl. 110-264.000.

Kaminaka, Nobuyuki; Kanai, Kenji; Nomura, Noboru; and Omata, Yuji, to Matsushita Electric Industrial Co., Ltd. Thin film element. 4,504,540, 3-12-85, Cl. 428-195.000.

Kaminaka, Nobuyuki; Kanai, Kenji; and Nomura, Noboru, to Matsushita Electric Industrial Co., Ltd. Thin film magnetic head. 4,558,385, 12-10-85, Cl. 360-126.000.

Kaminishi, Masashi: *See—*

Tamura, Yukio; Kaminishi, Masashi; and Kato, Yutaka, 4,522,451, Cl. 305-18.000.

Tamura, Yukio; and Kaminishi, Masashi, 4,555,146, Cl. 305-10.000.

Kamino, Yukishige: *See—*

Saito, Makoto; Sakamoto, Masakatsu; Uchida, Kenji; and Kamino, Yukishige, 4,536,131, Cl. 417-102.000.

Uchida, Kenji; Sakamoto, Masakatsu; Saito, Makoto; Kamino, Yukishige; and Miyadera, Hiroshi, 4,547,132, Cl. 417-63.000.

Kamins, Theodore I.; Bradbury, Donald R.; and Drowley, Clifford I., to Hewlett-Packard Company. Trench isolated transistors in semiconductor films. 4,507,158, 3-26-85, Cl. 148-175.000.

Kamins, Theodore I.: *See—*

Bradbury, Donald R.; Tsao, Chi-Wing; and Kamins, Theodore I., 4,522,662, Cl. 148-175.000.

Kaminski, Christopher A.; and Williams, Edward K., to General Electric Company. Ventilated end turns for rotor windings of a dynamoelectric machine. 4,543,503, 9-24-85, Cl. 310-59.000.

Kaminski, David C.; and Shea, Dennis W., to Dana Corporation. Actuator for roller clutch drive system. 4,499,980, 2-19-85, Cl. 192-35.000.

Kaminski, Elton G., to Stolle Corporation, The. Alignment gage for dish antenna. 4,495,706, 1-29-85, Cl. 33-333.000.

Kaminski, Elton G.; and McEldowney, Carl F., to Stolle Corporation, The. Pull tab for easy open can end-method of manufacture thereof. 4,530,631, 7-23-85, Cl. 413-12.000.

Kaminski, Elton G., to Stolle Corporation, The. Method for reducing ice and snow build-up on the reflecting surfaces of dish antennas. 4,536,765, 8-20-85, Cl. 343-704.000.

Kaminski, Jean-Jacques: *See—*

Kaczerginski, Alexandre; and Kaminski, Jean-Jacques, 4,491,687, Cl. 174-178.000.

Kaminski, Joan M.: *See—*

Horodysky, Andrew G.; and Kaminski, Joan M., 4,492,640, Cl. 252-46.300.

Horodysky, Andrew G.; and Kaminski, Joan M., 4,534,872, Cl. 252-32.70E.

Horodysky, Andrew G.; and Kaminski, Joan M., 4,536,309, Cl. 252-33.000.

Horodysky, Andrew G.; and Kaminski, Joan M., 4,545,915, Cl. 252-515.00R.

Kaminski, Perry: *See—*

Buffington, Ralph M.; Kaminski, Perry; and Larson, Eugene A., 4,557,146, Cl. 73-642.000.

Kaminski, Tony L.: *See—*

Schemelin, Michael P.; Kaminski, Tony L.; and Shupert, Paul T., 4,532,755, Cl. 56-16.600.

Kaminski, Walter R.; and Scalise, Stanley J., to United Technologies Corporation. Catalyzed sealed-off CO_2 laser. 4,547,886, 10-15-85, Cl. 372-59.000.

Kaminski, Walter R., to United Technologies Corporation. Sealed-off CO_2 laser. 4,554,667, 11-19-85, Cl. 372-83.000.

Kaminsky, Theo, to Santrade Ltd. Drive mechanism for radial adjustment of a drilling tool. 4,514,116, 4-30-85, Cl. 408-161.000.

Kaminsky, Theo: *See—*

Bellmann, Bernhard G.; Birkner, Horst W.; and Kaminsky, Theo, 4,545,107, Cl. 29-568.000.

Kaminsky, Walter; Hahnsen, Heinrich; Kulper, Klaus; and Woldt, Rudiger, to Hoechst Aktiengesellschaft. Process for the preparation of polyolefins. 4,542,199, 9-17-85, Cl. 526-160.000.

Kaminsky, Walter; and Hahnsen, Heinrich, to Hoechst Aktiengesellschaft. Process for the preparation of oligomeric aluminoxanes. 4,544,762, 10-1-85, Cl. 556-179.000.

Kamio, Kunimasa; Takagishi, Hisao; and Kanagawa, Shuichi, to Sumitomo Chemical Company, Limited. Epoxy resin composition. 4,529,790, 7-16-85, Cl. 528-107.000.

Kamio, Takayoshi; Ohga, Kunihiko; and Mukunoki, Yasuo, to Fuji Photo Film Co., Ltd. Photographic silver halide materials containing a high speed coating aid. 4,547,459, 10-15-85, Cl. 430-631.000.

Kamio, Takayoshi: *See—*

Seto, Nobuo; Kamio, Takayoshi; and Aoki, Kozo, 4,514,490, Cl. 430-505.000.

Kamio, Takenori, to Kabushiki Kaisha Daikin Seisakusho. Cushioning plate assembly of a clutch disc. 4,546,866, 10-15-85, Cl. 192-107.00C.

Kamioka, Hajime; Takagi, Mikio; Sato, Noriaki; Nakano, Motoo; and Iwai, Takashi, to Fujitsu Limited. Semiconductor device with fuse. 4,503,315, 3-5-85, Cl. 219-121.0LE.

Kamioka, Hiroshi: *See—*

Honda, Yasuhiro; Ueno, Katumi; Nishizaki, Genichi; Kitahara, Harumi; and Kamioka, Hiroshi, 4,503,606, Cl. 29-701.000.

Kamionka, Harvey E.; Pence, Jerry W.; and Tran, Dat M., to International Business Machines Corporation. Method and apparatus for allocating memory space based upon free space in diverse memory devices. 4,528,624, 7-9-85, Cl. 364-200.000.

Kamisaka, Makoto; Okamoto, Toshiro; Ohshima, Michio; and Tamai, Mamoru, to Mitsubishi Jukogyo Kabushiki Kaisha. Thermal cracking method for producing olefines from hydrocarbons. 4,527,002, 7-2-85, Cl. 585-648.000.

Kamishima, Minoru: *See—*

Ohyaba, Takashi; Kamishima, Minoru; Kinoshita, Shozo; Kawamura, Tetsuo; and Matsuhisa, Hiroaki, 4,504,704, Cl. 179-115.5DV.

Kamishiro, Toshiro: *See—*

Masaki, Tomoh; Kamishiro, Toshiro; Okazoe, Takashi; Kumakura, Koichi; and Masaki, Mitsuo, 4,507,297, Cl. 514-252.000.

Kamishita, Takuzo, to Toko Yakuhin Industry Co., Ltd. Gel preparations for external application. 4,543,251, 9-24-85, Cl. 424-81.000.

Kamishita, Takuzo, to Toko Yakuhin Industry Co., Ltd. Pharmaceutical preparations. 4,545,992, 10-8-85, Cl. 514-161.000.

Kamiuchi, Hideaki: *See—*

Ojima, Shin; Kamiuchi, Hideaki; and Mine, Keiji, 4,538,509, Cl. 99-348.000.

Kamiuchi, Toshiro: *See—*

Nakane, Keiichi; Kamiuchi, Toshiro; and Nakanishi, Hiroaki, 4,494,188, Cl. 364-200.000.

Kamiya, Akihiko: *See—*

Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, 4,559,973, Cl. 138-138.000.

Kamiya, Atsushi: *See—*

Kuno, Toshitaka; Moribe, Hiroshi; and Kamiya, Atsushi, 4,524,313, Cl. 318-563.000.

Kamiya, Joji: *See—*

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.

Kamiya, Junichi: *See—*

Muroi, Akira; Sano, Masakatsu; Kamiya, Junichi; Okajima, Masao; and Inoue, Arifumi, 4,538,697, Cl. 180-68.400.

Kamiya, Kenji; and Hosoi, Masatoshi, to Ricoh Watch Co., Ltd. Scoring system. 4,512,229, 4-23-85, Cl. 84-1.010.

Kamiya, Kimitaka, to DX Antenna Company, Limited. Signal coupling apparatus. 4,527,136, 7-2-85, Cl. 333-103.000.

Kamiya, Kiyoshi: *See—*

Ogura, Takashi; Hirohara, Toshihide; Matsunaga, Masaaki; Kamiya, Kiyoshi; and Tanaka, Tetsuo, 4,561,044, Cl. 362-84.000.

Kamiya, Masashi; Ueda, Katsunobu; Sumiya, Mitsuo; and Tsukada, Tameyasu, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotating mirror scanner. 4,512,626, 4-23-85, Cl. 350-6.800.

Kamiya, Masashi; Sumiya, Mitsuo; and Yamaguchi, Ryoji, to Tokyo Shibaura Denki Kabushiki Kaisha. Electric motor with hydrodynamic pressure and magnetic thrust bearings. 4,538,081, 8-27-85, Cl. 310-90.000.

Kamiya, Masashi: *See—*

Yamashita, Mitsuo; Oda, Goro; and Kamiya, Masashi, 4,523,800, Cl. 350-6.700.

Kamiya, Osamu; and Sekimura, Nobuyuki, to Canon Kabushiki Kaisha. Copying machine including a dielectric covered metal reflective device. 4,522,485, 6-11-85, Cl. 355-11.000.

Kamiya, Osamu: *See—*

Fujiyama, Yasutomo; and Kamiya, Osamu, 4,526,644, Cl. 156-345.000.

Fujiyama, Yasutomo; and Kamiya, Osamu, 4,529,474, Cl. 156-643.000.

Kamiya, Shigeru: *See—*

Kojima, Akikazu; and Kamiya, Shigeru, 4,558,565, Cl. 60-286.000.

Kamiya, Tadashi; Kawasaki, Kazuhiro; and Muranaka, Akio, to Honda Giken Kogyo Kabushiki Kaisha. Helmet. 4,519,099, 5-28-85, Cl. 2-424.000.

Kamiya, Tadashi, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle. 4,519,472, 5-28-85, Cl. 180-227.000.

Kamiya, Tadashi; and Hayashi, Kiyotaka, to Honda Giken Kogyo Kabushiki Kaisha. Anti-slip system for wheeled vehicle. 4,554,990, 11-26-85, Cl. 180-197.000.

Kamiya, Takashi; Tanaka, Kunihiko; Teraji, Tsutomu; and Nakai, Yoshiharu, to Fujisawa Pharmaceutical Co., Ltd. Amino or amidothiazolyl, substituted oxyimino disubstituted acetic acid. 4,506,076, 3-19-85, Cl. 548-119.000.

Kamiya, Takashi; Tanaka, Kunihiko; Nakai, Yoshiharu; and Sakane, Kazuo, to Fujisawa Pharmaceutical Co., Ltd. 3,7-disubstituted-3-cephem-4-carboxylic acid compounds and processes for preparation thereof. 4,560,765, 12-24-85, Cl. 548-194.000.

Kamiya, Takashi: *See—*

Machida, Yoshimasa; Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Kitoh, Kyosuke; and Saito, Isao, 4,546,176, Cl. 544-21.000.

Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Machida, Yoshimasa; Saito, Isao; and Kitoh, Kyosuke, 4,513,145, Cl. 549-402.000.

Kamiya, Toji: *See—*

Sato, Keishi; Nishida, Takeshi; Kamiya, Toji; and Tanaka, Yutaka, 4,539,255, Cl. 428-252.000.

Kamiya, Toshiharu: *See—*

Sasaki, Minoru; and Kamiya, Toshiharu, 4,499,459, Cl. 340-752.000.

Kamiya, Tuyoshi: *See—*

Ichikawa, Sadao; and Kamiya, Tuyoshi, 4,512,297, Cl. 123-179.00H.

Kamiya, Yasuhisa: *See—*

Motomura, Jiro; Kamiya, Yasuhisa; and Nishikawa, Seiichi, 4,512,449, Cl. 192-3.280.

Kamiya, Yoshinori: *See—*

Narita, Ryuhei; Aida, Hiroyuki; and Kamiya, Yoshinori, 4,535,503, Cl. 16-382.000.

Kamiyama, Hisashi: *See—*

Minami, Yuji; Kamiyama, Hisashi; and Tomita, Toshihide, 4,560,501, Cl. 252-628.000.

Kamiyama, Kenji: *See—*

Arai, Yoshihiro; Tanaka, Takumi; and Kamiyama, Kenji, 4,529,779, Cl. 525-438.000.

Kamiyama, Kouzi, to Fuji Photo Film Co., Ltd. Process for the preparation of ferrite magnetic particulate for magnetic recording. 4,493,779, 1-15-85, Cl. 252-62.590.

Kamiyama, Kouzi, to Fuji Photo Film Co., Ltd. Ferrite magnetic material for magnetic recording and process for the preparation thereof. 4,543,198, 9-24-85, Cl. 252-62.590.

Kamiyama, Masahide: *See—*

Sugita, Toshio; and Kamiyama, Masahide, 4,507,561, Cl. 250-484.100.

Kamiyama, Masayuki; Saito, Takashi; and Asai, Kiyotsugu, to Mitsui-Nisso Corporation. Process for preparing thermally stable super-soft polyurethane elastomer. 4,552,944, 11-12-85, Cl. 528-55.000.

Kamiyama, Setsuo: *See—*

Okumura, Yoshiharu; Kamiyama, Setsuo; Hosokawa, Toshihiro; and Kaneko, Katsumi, 4,499,313, Cl. 568-897.000.

Okumura, Yoshiharu; Kamiyama, Setsuo; Furukawa, Hiroshi; and Kaneko, Katsumi, 4,507,512, Cl. 568-897.000.

Kamiyama, Shin-ichi, to Ricoh Company, Ltd. Mounting structure for cylindrical photosensitive member. 4,527,883, 7-9-85, Cl. 355-3.0DR.

Kamiyama, Shuichi, to Mikuni Kogyo Kabushiki Kaisha. Fuel supply device for internal combustion engines. 4,549,517, 10-29-85, Cl. 123-478.000.

Kamiyama, Shuichi: *See—*

Ishida, Takashi; Shimizu, Kenshi; and Kamiyama, Shuichi, 4,548,176, Cl. 123-342.000.

Kamiyama, Tadanobu: *See—*

Kanno, Masayuki; Tezuka, Hisao; Izawa, Kouji; and Kamiyama, Tadanobu, 4,538,183, Cl. 358-280.000.

Kamiyama, Yasuo: *See—*

Nakayama, Yasuaki; and Kamiyama, Yasuo, 4,526,476, Cl. 368-189.000.

Kamleitner, Ewald, to MTU Motoren-und Turbinen-Union Friedrichshafen GmbH. Fuel injection timer. 4,513,724, 4-30-85, Cl. 123-500.000.

Kamleitner, Ewald, to MTU Motoren-und Turbinen-Union Friedrichshafen GmbH. Timing device. 4,548,182, 10-22-85, Cl. 123-501.000.

Kamleitner, Ewald: *See—*

Haussmann, Gerhard; and Kamleitner, Ewald, 4,557,111, Cl. 60-600.000.

Kamm, Jurgen: *See—*

Voigt, Karl; Kamm, Jurgen; and Norbert, John, 4,555,994, Cl. 110-261.000.

Kammann, Gunter: *See—*

Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, 4,495,351, Cl. 544-234.000.

Kammel, Roland: *See—*

Lieber, Hans-Wilhelm; and Kammel, Roland, 4,505,958, Cl. 427-433.000.

Kammeraad, James A., to K-Line Industries, Inc. Counter. 4,493,987, 1-15-85, Cl. 235-1.00D.

Kammeraad, James A., to K-Line Industries, Inc. Valve seal retainer with multiple diameter boot base. 4,502,696, 3-5-85, Cl. 277-12.000.

Kammerer, Fred R., to Accurate Metal Weather Strip Company. Metal seals for damper blades. 4,545,566, 10-8-85, Cl. 251-357.000.

Kammerer, Gerd, to Dieter Graesslin Feinwerktechnik. Indexing element for switching a chronometer. 4,504,154, 3-12-85, Cl. 368-74.000.

Kammerer, Gerd, to Dieter Graesslin Feinwerktechnik. Time-controlled heat regulator with nighttime temperature lowering capability. 4,506,826, 3-26-85, Cl. 236-46.00R.

Kammerer, Heinz; and Langheinrich, Hans, to Gebhard Balluff Fabrik feinmechanischer Erzeugnisse GmbH & Co. Testing and evaluating circuit for proximity switches in machine control means. 4,492,925, 1-8-85, Cl. 324-418.000.

Kammerer, Jerry L.: *See—*

Haarstad, Richard O.; and Kammerer, Jerry L., 4,496,460, Cl. 210-132.000.

Kammerer, Walter; and Spiro, Vladimir, to U.S. Philips Corporation. Private branch exchange having transmission channels commonly available to all stations. 4,545,049, 10-1-85, Cl. 370-16.000.

Kammeyer, Karl-Dirk, to Robert Bosch GmbH. Digital FM detector. 4,506,228, 3-19-85, Cl. 329-107.000.

Kammiller, Neil A.; and Ivanov, Nedyalko V., to Reliance Electric Company. Single drive transformer with regenerative winding for p.w.m. supply having alternately conducting power devices. 4,493,017, 1-8-85, Cl. 363-132.000.

Kammiller, Neil A., to Reliance Electric Company. Circuit for controlling the volt-ampere characteristic of a load sharing power supply at no load and for inserting a preload. 4,521,842, 6-4-85, Cl. 363-71.000.

Kammiller, Neil A., to Reliance Electric Company. Circuit for synchronizing a switching power supply to a load clock. 4,525,674, 6-25-85, Cl. 328-63.000.

Kammiller, Neil A., to Reliance Electric Company. Voltage sensing at loads remotely connected to power supplies. 4,551,668, 11-5-85, Cl. 323-234.000.

Kammoto, Yoshiaki, to Ricoh Company, Ltd. Video signal regulating apparatus. 4,516,174, 5-7-85, Cl. 358-282.000.

Kamo, Roy, to Cummins Engine Company, Inc. Combustion chamber components for internal combustion engines. 4,495,907, 1-29-85, Cl. 123-193.00C.

Kamo, Takashi: *See—*

Sakurai, Shigenori; Kamo, Takashi; Furutani, Toshinobu; Kimura, Shirou; Torisu, Yoshio; and Okazaki, Mari, 4,514,277, Cl. 204-424.000.

Sakurai, Shigenori; Kamo, Takashi; and Furutani, Toshinobu, 4,540,479, Cl. 204-427.000.

Sakurai, Shigenori; Kamo, Takashi; and Kimura, Shirou, 4,553,424, Cl. 73-27.00R.

Kamo, Tomoichi: *See—*

Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shinpei, 4,537,873, Cl. 502-242.000.

Kamo, Yasuo: *See—*

Tanaka, Akio; and Kamo, Yasuo, 4,550,879, Cl. 241-52.000.

- Kamo, Yuichi; Mikami, Nobuo; Wakamatsu, Kazutoshi; and Naito, Kunio, to NEC Corporation. Transfer-type electromagnetic relay comprising a permanent magnet under a fixed contact stud. 4,499,442, 2-12-85, Cl. 335-79.000.
- Kamochi, Atsumi: *See*—
  - Aya, Masahiro; Yasui, Kazuomi; and Kamochi, Atsumi, 4,530,717, Cl. 71-90.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, 4,552,586, Cl. 71-94.000.
  - Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; and Kamochi, Atsumi, 4,500,346, Cl. 71-94.000.
  - Shiokawa, Kozo; Moriya, Koichi; Goto, Toshio; Kamochi, Atsumi; and Kohama, Shigeo, 4,559,079, Cl. 71-92.000.
- Kamoda, Hiroyoshi, to Komori Printing Machinery Co., Ltd. Plate clamping device of web-fed rotary printing press. 4,495,865, 1-29-85, Cl. 101-415.100.
- Kamogawa, Nin-ichi: *See*—
  - Kambara, Jun; Ohmuro, Yuzo; and Kamogawa, Nin-ichi, 4,540,646, Cl. 430-122.000.
- Kamogawa, Ninichi; Ueno, Kenji; and Ishii, Kazumi, to Konishiroku Photo Industry Co., Ltd. Method and apparatus for separating recording paper from image retaining member. 4,542,977, 9-24-85, Cl. 355-3.0CH.
- Kamohara, Eiji, to Tokyo Shibaura Denki Kabushiki Kaisha. Mask-focusing color picture tube. 4,503,355, 3-5-85, Cl. 313-402.000.
- Kamohara, Eiji, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for making CRT shadow masks. 4,540,374, 9-10-85, Cl. 445-37.000.
- Kamohara, Eiji; and Seino, Kazuyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Insulated shadow mask assembly for a picture tube. 4,562,377, 12-31-85, Cl. 313-402.000.
- Kamohara, Hideaki; Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, to Hitachi, Ltd. Heat storage material. 4,518,514, 5-21-85, Cl. 252-70.000.
- Kamohara, Hiroshi: *See*—
  - Ohi, Nobukazu; Ohno, Koji; and Kamohara, Hiroshi, 4,550,030, Cl. 427-2.000.
- Kamohara, Toshiyuki: *See*—
  - Tajima, Shinobu; Umeda, Yasukazu; and Kamohara, Toshiyuki, 4,509,143, Cl. 364-900.000.
- Kamono, Takashi; and Yamada, Hiromi, to AMP Incorporated. Electrical connector assembly. 4,558,917, 12-17-85, Cl. 339-143.00R.
- Kamornicki, Jacques: *See*—
  - Gautier, Jean C.; and Kamornicki, Jacques, 4,540,448, Cl. 148-6.15R.
- Kamoshida, Yoichi: *See*—
  - Hosaka, Yoshihiro; Kamoshida, Yoichi; Harita, Yoshiyuki; and Harada, Kunihiro, 4,499,171, Cl. 430-192.000.
- Kamoshita, Katsuzo: *See*—
  - Kato, Toshiro; Takahashi, Junya; and Kamoshita, Katsuzo, 4,501,756, Cl. 514-120.000.
- Kamp, Anthony W., to Shell Oil Company. Down-hole drilling motor and method for directional drilling of boreholes. 4,492,276, 1-8-85, Cl. 175-61.000.
- Kamp, Anthony W., to Shell Oil Company. Method and means for transmitting data through a drill string in a borehole. 4,562,560, 12-31-85, Cl. 367-83.000.
- Kamp, Anthony-Willem, to Shell Internationale Research Maatschappij B.V. Means for generating electricity during drilling of a borehole. 4,491,738, 1-1-85, Cl. 290-43.000.
- Kamp, Arthur J., to Dow Chemical Company, The. Analysis of salt concentrations. 4,506,543, 3-26-85, Cl. 73-61.00R.
- Kamp, Ewald A., to Union Carbide Corporation. Adhesive closure bags and method for producing same. 4,513,445, 4-23-85, Cl. 383-87.000.
- Kamp, Ewald A., to Union Carbide Corporation. Pentabar closure device. 4,516,268, 5-7-85, Cl. 383-63.000.
- Kamp, Ewald A., to Union Carbide Corporation. Method and extruding die apparatus for producing a plastic closure strip. 4,540,537, 9-10-85, Cl. 264-171.000.
- Kamp, Ewald A., to Union Carbide Corporation. Interlocking closure bag for use in high temperature environment. 4,561,108, 12-24-85, Cl. 383-63.000.
- Kamp, Heinz, to W. Schlafhorst & Co. Method and apparatus for open-end spinning. 4,497,168, 2-5-85, Cl. 57-401.000.
- Kamp, Heinz, to W. Schlafhorst & Co. Method for calling a bobbin-changing device. 4,555,068, 11-26-85, Cl. 242-36.000.
- Kamp, Heinz: *See*—
  - Rohner, Joachim, and Kamp, Heinz, 4,535,945, Cl. 242-35.60R.
- Kamp, Terrence A.: *See*—
  - Johnson, James D.; Belden, Byron B.; and Kamp, Terrence A., 4,525,094, Cl. 403-11.000.
- Kampe, Wolfgang: *See*—
  - Bosies, Elmar; Kampe, Wolfgang; Thiel, Max; Bicker, Uwe; and Boerner, Dietmar, 4,517,183, Cl. 514-183.000.
  - Wiedemann, Fritz; Kampe, Wolfgang; Thiel, Max; Sponer, Gisbert, Roesch, Egon; and Dietmann, Karl, 4,503,067, Cl. 514-411.000.
- Kampel, Marian: *See*—
  - Dias, Francisco J.; Kampel, Marian; and Luhleich, Hartmut, 4,532,091, Cl. 264-29.500.
- Kamperman, Charles F. Storage container. 4,519,655, 5-28-85, Cl. 312-12.000.
- Kampf, Eberhard; and Hutzenlaub, Armin, to Erwin Kampf GmbH & Co. Maschinenfabrik. Winding machine. 4,497,455, 2-5-85, Cl. 242-56.900.
- Kampf, Eberhard. Winding machine. 4,512,529, 4-23-85, Cl. 242-67.10R.
- Kampf, Gunther: *See*—
  - Benninghoven, Alfred; Kampf, Gunther; and Holm, Reimer, 4,527,059, Cl. 250-288.000.
- Kampf, Hans: *See*—
  - Ingelmann, Hans-Joachim; and Kampf, Hans, 4,543,802, Cl. 62-525.000.
- Kampf, Klaus, to Jean Walterscheid GmbH. Axial securing device for universal joint assembly. 4,540,386, 9-10-85, Cl. 464-130.000.
- Kampf, Klaus: *See*—
  - Konrad, Mathias; and Kampf, Klaus, 4,538,715, Cl. 192-56.00R.
- Kampf, Richard S.; and Winn, Richard W., to Beckman Instruments, Inc. Sample handling apparatus. 4,503,964, 3-12-85, Cl. 198-341.000.
- Kampf, Richard S., to Beckman Instruments, Inc. Sample handling apparatus. 4,506,777, 3-26-85, Cl. 198-341.000.
- Kampf, Wolfgang; Streck, Roland; and Haag, Horst G., to Chemische Werke Huels AG. Process for the silylation of unsaturated, naturally occurring oils or the interesterification products thereof. 4,512,926, 4-23-85, Cl. 260-398.000.
- Kampf, Wolfgang; and Herrmann, Christoph, to Chemische Werke AG. Process for the isomerization of isolated double bonds to conjugated double bonds in low-molecular weight homo- and/or copolymers of 1,3-dienes. 4,556,754, 12-3-85, Cl. 585-664.000.
- Kampfer, Helmut; Hase, Marie; and Glass, Max, to AGFA-Gevaert, A.G. Process for the preparation of N-sulfoalkyl quaternary salts of nitrogen heterocyclics. 4,504,668, 3-12-85, Cl. 548-120.000.
- Kampfer, Helmut; Hase, Marie; and Glass, Max, to AGFA-Gevaert, A.G. Process for the preparation of sulphoalkyl quaternary salts. 4,539,408, 9-3-85, Cl. 546-139.000.
- Kampfer, Helmut: *See*—
  - Schumann, Hans-Joachim; Ohlschlager, Hans; and Kampfer, Helmut, 4,543,308, Cl. 430-21.000.
- Kampfer, John G.: *See*—
  - Nunley, Allen; and Kampfer, John G., 4,543,478, Cl. 250-261.000.
- Kampfer, Konrad: *See*—
  - Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, 4,528,099, Cl. 210-489.000.
- Kampff, Ronald J. Foot soaker and rester. 4,493,712, 1-15-85, Cl. 604-293.000.
- Kamphausen, Willi: *See*—
  - Beaujean, Holger; Kamphausen, Willi; Niephaus, Dieter; and Nommensen, Ove, 4,493,434, Cl. 222-3.000.
- Kampichler, Gunter, to Robert Bosch GmbH. Method for mounting at least one single-cylinder plug-in fuel injection pump on a diesel internal combustion engine. 4,510,796, 4-16-85, Cl. 73-119.00A.
- Kamping, Jan H.; and Bridge, Elmer R. Apparatus for separating a coil from following coils of coiled wire rod. 4,498,505, 2-12-85, Cl. 140-2.000.
- Kampman, Lester R., to Highway Equipment Company. End cleaner for flail type manure spreader. 4,561,594, 12-31-85, Cl. 239-658.000.
- Kampmann, Harry, to Steag AG. Device for measuring the temperature in a dust carrying gas stream. 4,548,517, 10-22-85, Cl. 374-143.000.
- Kampner, Karl-Heinz: *See*—
  - Kurandt, Hans-Friedrich; and Kampner, Karl-Heinz, 4,508,574, Cl. 106-109.000.
- Kamps, Rainer; Plewinsky, Bodo; Miehe, Manfred; and Wetz, Klaus. Agent for the separation of dissolved and/or undissolved materials of different buoyancy densities or densities by means of solutions of true metatungstates. 4,557,718, 12-10-85, Cl. 494-37.000.
- Kampschreur, Rutgerus J. M., to Oce-Nederland B.V. Image transfer apparatus. 4,541,709, 9-17-85, Cl. 355-3.0TR.
- Kamstra, Paulus R., to Duphar International Research B.V. Multiple-compartment syringe. 4,496,344, 1-29-85, Cl. 604-90.000.
- Kamstra, Paulus R., to Duphar International Research B.V. Automatic injection syringe. 4,529,403, 7-16-85, Cl. 604-136.000.
- Kamuro, Setsufumi, to Sharp Kabushiki Kaisha. Cross-coupled inverters static random access memory. 4,536,859, 8-20-85, Cl. 365-154.000.
- Kamuro, Takashi; Ootsuga, Hisao; Saito, Isao; and Koga, Motoyuki, to Tokyo Gas Co., Ltd.; and Hakko Co., Ltd. Method of repairing pipes laid underground. 4,556,580, 12-3-85, Cl. 427-8.000.
- Kamyr Aktiebolag: *See*—
  - Jacobsen, Finn, 4,535,497, Cl. 8-156.000.
  - Richter, Johan C. F. C.; and Richter, Ole J., 4,513,515, Cl. 34-33.000.
  - Richter, Johan C. F. C.; and Richter, Ole J., 4,529,482, Cl. 162-246.000.
  - Richter, Johan C. F .C.; and Richter, Ole J., 4,556,494, Cl. 210-785.000.
- Kamyr, Inc.: *See*—
  - Elmore, Carl L.; and Funk, Erwin D., 4,514,910, Cl. 34-15.000.
  - Elmore, Carl L.; Poulin, Ted M.; and Barrett, Mark D., 4,519,446, Cl. 165-101.000.
  - Greenwood, Brian F., 4,543,181, Cl. 209-273.000.
  - Richter, Ole J.; and Funk, Erwin D., 4,508,473, Cl. 406-64.000.
  - Richter, Ole J.; and Richter, Johan C. F. C., 4,516,887, Cl. 406-63.000.
  - Sherman, Michael I.; Elmore, Carl L.; and Brison, Robert J., 4,501,721, Cl. 423-27.000.
  - Sherman, Michael I., 4,536,969, Cl. 34-9.000.
  - Sherman, Michael I.; and Phillips, Joseph R., 4,547,264, Cl. 162-37.000.
  - Sherman, Michael I.; Elmore, Carl L.; and Brison, Robert J., 4,557,905, Cl. 423-27.000.

Wiley, William E., 4,551,198, Cl. 159-47.300.

Kan, Frederick S. C.; Li, Kam Wing; and Lau, Kong P. P., to Wing Tat Electric Mfg. Co. Ltd. Ceiling fan with heating apparatus. 4,508,958, 4-2-85, Cl. 219-369.000.

Kan, Fumitaka; and Nakahata, Kimio, to Canon Kabushiki Kaisha. Magnet roll. 4,557,582, 12-10-85, Cl. 355-3.0DD.

Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, to Canon Kabushiki Kaisha. Thin developer layer forming device. 4,559,899, 12-24-85, Cl. 118-657.000.

Kan, Fumitaka: *See—*

Yoshikawa, Masao; Kan, Fumitaka; and Satomura, Hiroshi, 4,504,136, Cl. 355-3.0DD.

Kan, Hsin-Kuo: *See—*

Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.

Kan, Jean-Paul; Biziere, Kathleen; and Wermuth, Camille-Georges, to Sanofi. Amino derivatives of pyridazine, and compositions thereof for the central nervous system. 4,508,720, 4-2-85, Cl. 514-247.000.

Kan, Jean-Paul; Biziere, Kathleen; and Wermuth, Camille-Georges, to Sanofi. Aminated derivatives of pyridazine substituted in 6 position by a heterocycle or an alicycle and compositions, said derivatives being active on the central nervous system. 4,524,070, 6-18-85, Cl. 514-230.000.

Kan, Jean-Paul: *See—*

Biziere, Kathleen; Hallot, Andre; and Kan, Jean-Paul, 4,540,696, Cl. 514-254.000.

Kan, Kazutoshi; and Oizumi, Junichi, to Hitachi, Ltd. Spread spectrum system. 4,559,633, 12-17-85, Cl. 375-1.000.

Kan, Masanori; Okazaki, Takuya; and Sakashita, Tatsuo, to Toyo Rubber Industry Co., Ltd., The. Composition for carcass of tire. 4,558,088, 12-10-85, Cl. 524-505.000.

Kan, Mikio: *See—*

Yamane, Isao; Kan, Mikio; and Minamoto, Yoshiki, 4,533,637, Cl. 435-240.000.

Kan, Peter T.: *See—*

Markovs, Robert A.; Lightsey, John W.; Ramlow, Gerhard G.; and Kan, Peter T., 4,529,746, Cl. 521-159.000.

Kan, Shigenobu: *See—*

Takamizawa, Masae; Kan, Shigenobu; and Mukainakano, Masato, 4,538,401, Cl. 56-11.800.

Kan, Takahiro: *See—*

Shibuya, Kiyoshi; Kan, Takahiro; and Ito, Yo, 4,518,029, Cl. 164-463.000.

Shibuya, Kiyoshi; Yukumoto, Masao; Kan, Takahiro; and Ito, Yo, 4,546,814, Cl. 164-455.000.

Kan, Yasuhito; and Miyamoto, Koichi, to Canon Kabushiki Kaisha. Feeding device. 4,492,371, 1-8-85, Cl. 271-21.000.

Kana, Eugene J.: *See—*

Woods, Arthur F.; Bush, Harry; and Kana, Eugene J., 4,492,392, Cl. 285-119.000.

Kanada, Eiji: *See—*

Saikawa, Masahiko; Kanada, Eiji; Tanaka, Akira; and Endo, Kazunaka, 4,501,811, Cl. 430-204.000.

Tsubai, Yasuo; Takaya, Yoshikazu; and Kanada, Eiji, 4,510,228, Cl. 430-204.000.

Kanada, Kenji: *See—*

Sugiura, Sabro; Fujita, Senji; Kanada, Kenji; Demukai, Noboru; and Okamoto, Tetuo, 4,531,971, Cl. 75-13.000.

Kanada, Sadaoki: *See—*

Katayama, Sakae; Asano, Tadahiko; Marugame, Kazuo; Kanada, Sadaoki; and Kawasaki, Yoshinari, 4,512,552, Cl. 253-389.00R.

Kanada, Shigeyasu; Mizuno, Shigeo; and Nakano, Yoshio, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Webbing retractor. 4,529,143, 7-16-85, Cl. 242-107.000.

Kanada, Shigeyasu; Mizuno, Shigeo; Nakano, Yoshio; and Nishimura, Yuji, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Webbing retractor. 4,546,933, 10-15-85, Cl. 242-107.000.

Kanada, Shigeyasu: *See—*

Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, 4,556,177, Cl. 242-107.40A.

Kanade, Takeo: *See—*

Okada, Tokuji; and Kanade, Takeo, 4,526,106, Cl. 104-138.00G.

Kanagafuchi Chemical Industry Co., Ltd.: *See—*

Komiyama, Choji; Oishi, Kengo; Suzuki, Osamu; and Iyota, Yasumasa, 4,557,380, Cl. 206-387.000.

Kanagawa Chemical Laboratory, Ltd.: *See—*

Cruickshank, Philip A.; DiSanzo, Carmine P.; Kondo, Kiyosi; and Kono, Hiromichi, 4,514,419, Cl. 514-521.000.

Kanagawa, Kozi: *See—*

Kobayashi, Yoshinobu; Ueno, Tamio; and Kanagawa, Kozi, 4,491,967, Cl. 455-41.000.

Kanagawa Prefectural Government, The: *See—*

Yokogawa, Tetsuya; Futami, Ryuhei; and Kawahara, Saburo, 4,528,001, Cl. 55-37.000.

Kanagawa Rehabilitation Center: *See—*

Tanaka, Osamu; Iijima, Hiroshi; Ito, Masayoshi; and Okigawa, Etsumi, 4,519,649, Cl. 297-316.000.

Kanagawa, Shuichi: *See—*

Kamio, Kunimasa; Takagishi, Hisao; and Kanagawa, Shuichi, 4,529,790, Cl. 528-107.000.

Kanai, Akira: *See—*

Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, 4,528,074, Cl. 204-16.000.

Shiba, Kazuo; Takahashi, Masao; Kanai, Akira; and Koizumi, Kouichi, 4,504,048, Cl. 269-71.000.

Yoshioka, Junichi; Koizumi, Koichi; Kanai, Akira; and Shiba, Kazuo, 4,523,410, Cl. 51-166.00R.

Kanai, Hideyuki; Furukawa, Osamu; Imai, Motomasa; and Takahashi, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Varistor. 4,527,146, 7-2-85, Cl. 338-20.000.

Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; and Furukawa, Osamu, to Tokyo Shibaura Denki Kabushiki Kaisha. Varistor includes oxides of bismuth, cobalt, manganese, antimony, nickel and trivalent aluminum. 4,535,314, 8-13-85, Cl. 338-21.000.

Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, to Tokyo Shibaura Denki Kabushiki Kaisha. Metal oxide varistor made by a co-precipation process and freeze-dried. 4,540,971, 9-10-85, Cl. 338-21.000.

Kanai, Hideyuki: *See—*

Imai, Motomasa; Takahashi, Takashi; Furukawa, Osamu; and Kanai, Hideyuki, 4,516,105, Cl. 338-21.000.

Kanai, Hiroshi: *See—*

Ezaki, Joichiro; Kanai, Hiroshi; and Kitahara, Yoshimi, 4,562,502, Cl. 360-114.000.

Kanai, Isao: *See—*

Yokozawa, Masami; and Kanai, Isao, 4,503,452, Cl. 357-72.000.

Kanai, Kenji: *See—*

Kaminaka, Nobuyuki; Kanai, Kenji; Nomura, Noboru; and Omata, Yuji, 4,504,540, Cl. 428-195.000.

Kaminaka, Nobuyuki; Kanai, Kenji; and Nomura, Noboru, 4,558,385, Cl. 360-126.000.

Kanai, Masaharu, to Fuji Photo Film Co., Ltd. Automatic strobe apparatus. 4,530,585, 7-23-85, Cl. 354-416.000.

Kanai, Masakazu: *See—*

Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.

Kanai, Mikio; Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Sigeru, to Pioneer Electronic Corporation. Magneto-optical recording medium and method for preventing the erasing of the information recorded on the magneto-optical recording medium. 4,554,651, 11-19-85, Cl. 369-13.000.

Kanai, Shigeo: *See—*

Asaka, Urataro; Kanai, Shigeo; Tanaka, Yasuhiro; and Iwamoto, Kazuya, 4,551,074, Cl. 417-366.000.

Kanai, Shunichiro; and Miyauchi, Teruo, to Nissan Motor Company, Limited. Exhaust unit support device. 4,494,722, 1-22-85, Cl. 248-621.000.

Kanai, Takao; and Chaki, Takao, to Clarion Co., Ltd. Cross-arm mechanism in a pushbutton tuner. 4,538,473, 9-3-85, Cl. 74-10.330.

Kanai, Takao, to Toyota Jidosha Kabushiki Kaisha. Shift lever device. 4,552,032, 11-12-85, Cl. 74-473.00R.

Kanai, Tamaki; Yoshikawa, Hirofumi; Yamagishi, Takashi; Suzuki, Kenji; and Ohta, Yoshikatsu, to Teijin Limited. Process for the production of slippery biaxially stretched polyester films. 4,492,719, 1-8-85, Cl. 427-171.000.

Kanai, Tetsuro, to NEC Corporation. Method of A/D conversion by successive approximations. 4,518,949, 5-21-85, Cl. 340-347.0AD.

Kanai, Yasunori, to Fujitsu Limited. Connection lead arrangement for a semiconductor device. 4,530,002, 7-16-85, Cl. 357-68.000.

Kanai, Yoshikazu, to Kabushiki Kaisha Saginomiya Seisakusho. Reversible valve for reversible refrigeration cycle. 4,492,252, 1-8-85, Cl. 137-625.430.

Kanaiwa, Kazuhide: *See—*

Nagata, Sumio; Kanaiwa, Kazuhide; and Ichikawa, Takashi, 4,556,096, Cl. 164-79.000.

Kanakkanatt, Sebastian V.: *See—*

Cardarelli, Nathan F.; and Kanakkanatt, Sebastian V., 4,541,956, Cl. 260-397.100.

Kanamaru, Hisanobu; Tohkairin, Akira; and Kurosawa, Takuzo, to Hitachi, Ltd.; and Kawamura Co., Ltd. Inside chuck device for machine tools. 4,541,315, 9-17-85, Cl. 82-40.00R.

Kanamaru, Hisanobu: *See—*

Shizuka, Masayuki; Ogasawara, Nobuhiko; Kanamaru, Hisanobu; and Tsuruoka, Kazuhiro, 4,506,180, Cl. 310-91.000.

Kanamaru, Hitasni; and Kadoo, Fumio, to Universal Pioneer Corporation. Disk clamping device. 4,510,592, 4-9-85, Cl. 369-270.000.

Kanamaru, Hitoshi, to Pioneer Video Corporation. Cross-talk detector in information-carrying disc player. 4,491,877, 1-1-85, Cl. 358-336.000.

Kanamaru, Hitoshi, to Universal Pioneer Corporation. Information recording and reproducing system. 4,516,160, 5-7-85, Cl. 358-326.000.

Kanamaru, Kenji: *See—*

Nojiri, Tadao; Kanamaru, Kenji; Matsuyama, Masahiro; Nishikawa, Takayoshi; and Ito, Yoji, 4,503,528, Cl. 367-198.000.

Kanamaru, Makoto: *See—*

Fukuta, Kinsho; and Kanamaru, Makoto, 4,541,672, Cl. 297-367.000.

Kanamaru, Tatsuya: *See—*

Hada, Takashi; Kanamaru, Tatsuya; and Ogawa, Yutaka, 4,510,209, Cl. 428-659.000.

Kanamaru, Toshiji: *See—*

Moriya, Mitsuro; Kanamaru, Toshiji; and Nakata, Yoshinobu, 4,562,562, Cl. 369-32.000.

Kanamaru, Tsuneo; Shinagawa, Susumu; and Asai, Mitsuko, to Takeda Chemical Industries, Ltd. Physiologically active substance FA-5859, its derivative, their production and use. 4,521,432, 6-4-85, Cl. 514-556.000.

Kanamori, Akira: *See*—

Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, 4,492,991, Cl. 360-70.000.

Kanamori, Chiemi: *See*—

Nakajima, Sadahiro; Kanamori, Chiemi; and Toratani, Hisayoshi, 4,547,402, Cl. 427-169.000.

Kanamori, Hideo, to Idemitsu Kosan Company Limited. Water-containing lubricant. 4,518,512, 5-21-85, Cl. 252-49.500.

Kanamori, Hideo: *See*—

Iino, Mitsuaki; and Kanamori, Hideo, 4,548,226, Cl. 137-91.000.

Kanamori, Hiroshi, to Nissan Motor Company, Limited. Electroluminescent display structure for motor vehicle window. 4,494,326, 1-22-85, Cl. 40-593.000.

Kanamori, Hiroshi, to Nissan Motor Company, Limited. Collapsible ornament structure. 4,560,597, 12-24-85, Cl. 428-31.000.

Kanamori, Takashi, to Yamaha Hatsudoki Kabushiki Kaisha. Rear suspension for motorcycles. 4,515,236, 5-7-85, Cl. 180-227.000.

Kanamori, Toshio, to Sumitomo Heavy Industries, Ltd. Metal supporting structure for continuous casting machines. 4,537,241, 8-27-85, Cl. 164-442.000.

Kanamuller, Franz X.; and Phillips, Edwin R., to Sperry Corporation. Apparatus for optically detecting ink droplets. 4,493,993, 1-15-85, Cl. 250-222.100.

Kanao, Hidekazu: *See*—

Kitajima, Hiroyuki; Ohmachi, Kazuhiko; Doki, Mitsuru; Kazama, Junichi; and Kanao, Hidekazu, 4,542,458, Cl. 364-200.000.

Kanao, Mitsuhiro. Seal system in rotary engine. 4,548,560, 10-22-85, Cl. 418-144.000.

Kanaoka, Matao: *See*—

Nishizawa, Yoshito, deceased; and Kanaoka, Matao, 4,552,975, Cl. 560-163.000.

Kanaoka, Takeshi; and Shimizu, Shigehisa, to Fuji Photo Film Co., Ltd. Side printing method and apparatus therefor. 4,508,438, 4-2-85, Cl. 354-105.000.

Kanaoka, Takeshi; and Shimizu, Shigehisa, to Fuji Photo Film Co., Ltd. Side printing apparatus. 4,519,701, 5-28-85, Cl. 355-39.000.

Kanaoka, Takeshi; and Shimizu, Shigehisa, to Fuji Photo Film Co., Ltd. Side printing apparatus. 4,544,259, 10-1-85, Cl. 355-1.000.

Kanaoka, Takeshi; Nakamura, Katutoshi; and Shimizu, Shigehisa, to Fuji Photo Film Co., Ltd. Side printing apparatus. 4,548,492, 10-22-85, Cl. 355-50.000.

Kanaoka, Takeshi; and Shimizu, Shigehisa, to Fuji Photo Film Co., Ltd. Side printing apparatus. 4,553,833, 11-19-85, Cl. 355-40.000.

Kanaoka, Takeshi; and Shimizu, Shigehisa, to Fuji Photo Film Co., Ltd. Side printing apparatus. 4,554,560, 11-19-85, Cl. 346-108.000.

Kanari, Issei: *See*—

Emura, Junichi; Kanari, Issei; and Saito, Hideaki, 4,527,676, Cl. 188-299.000.

Kanars Data Corporation: *See*—

Matumoto, Hiroaki; and Sekiguchi, Hiroshi, 4,514,675, Cl. 318-696.000.

Kanasaki, Morio: *See*—

Tsuboi, Nobuyoshi; Shima, Seiya; Kanasaki, Morio; and Nakazawa, Hayashi, 4,499,986, Cl. 198-322.000.

Kanasugi, Mikiko: *See*—

Gonda, Michihiro; Kitsukawa, Katsumasa; Suzuka, Susumu; Kanasugi, Mikiko; Sato, Yutaka; and Otomo, Kikuo, 4,550,329, Cl. 346-214.000.

Yamaguchi, Masahiko; Gonda, Michihiro; Satoh, Yutaka; and Kanasugi, Mikiko, 4,510,513, Cl. 346-214.000.

Kanatani, Fujio: *See*—

Uehara, Makoto; Sudo, Takeshi; and Kanatani, Fujio, 4,558,949, Cl. 356-152.000.

Kanatani, Tadayuki; and Sakata, Yasuo, to Kabushiki Kaisha Toshiba. Heating furnace. 4,553,929, 11-19-85, Cl. 432-59.000.

Kanaya, Takakuni; Kudo, Isao; and Yokota, Seiji, to Toyota Jidosha Kabushiki Kaisha. Steering shaft assembly for automotive vehicles. 4,541,299, 9-17-85, Cl. 74-493.000.

Kanayama, Hisanori: *See*—

Aotani, Seiji; and Kanayama, Hisanori, 4,559,303, Cl. 435-180.000.

Kanayama, Kaoru: *See*—

Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, 4,532,308, Cl. 525-482.000.

Kanayama, Kenji; and Sugi, Hidekuni, to Nippondenso Co., Ltd. Three-phase flat coils. 4,500,806, 2-19-85, Cl. 310-198.000.

Kanayama, Kenji, to Nippondenso Co., Ltd. Heat insulation and heat dissipation construction for flat electric rotary machine. 4,510,409, 4-9-85, Cl. 310-268.000.

Kanayama, Kenji; and Kinkori, Shuzo, to Nippondenso Co., Ltd. Flat type rotary electric machine. 4,536,672, 8-20-85, Cl. 310-268.000.

Kanayama, Kiyoshi; and Asano, Shoji, to Nippon Kokan Kabushiki Kaisha; and Nippon Kokan Koji Kabushiki Kaisha. Pipe end cutting apparatus. 4,550,635, 11-5-85, Cl. 82-4.00C.

Kanayama, Masakatsu: *See*—

Hayashi, Chikahisa; and Kanayama, Masakatsu, 4,553,212, Cl. 364-507.000.

Kanayama, Ryoji: *See*—

Uzaki, Nagato; Kawamura, Yasutaro; Kanayama, Ryoji; and Harada, Hisashi, 4,561,485, Cl. 164-201.000.

Kanayama, Yoshio, to Sharp Kabushiki Kaisha. Ink jet air bubble detection. 4,498,088, 2-5-85, Cl. 346-140.00R.

Kanazawa, Hirotaka, to Mazda Motor Corporation. Steering device for a vehicle. 4,522,279, 6-11-85, Cl. 180-143.000.

Kanazawa, Hirotaka, to Mazda Motor Corporation. Flexible coupling for providing variable rate steering. 4,524,842, 6-25-85, Cl. 180-132.000.

Kanazawa, Hirotaka; Takatani, Teruhiko; and Takata, Naoto, to Mazda Motor Corporation. Four-wheel steering device for vehicle. 4,552,239, 11-12-85, Cl. 180-140.000.

Kanazawa Industries Co., Ltd.: *See*—

Naya, Masaru; and Ikeda, Tsuneichi, 4,508,023, Cl. 99-279.000.

Kanazawa, Jitsuo, to Kabushiki Kaisha Ishida Koki Seisakusho. Temperature compensation circuit for strain gauges. 4,510,813, 4-16-85, Cl. 73-766.000.

Kanazawa, Junpei: *See*—

Abe, Eiji; and Kanazawa, Junpei, 4,520,889, Cl. 180-168.000.

Kanazawa, Kay K., to International Business Machines Corporation. Electrochemical cell simulating circuit arrangement. 4,499,552, 2-12-85, Cl. 364-802.000.

Kanazawa, Kay K.: *See*—

Galwey, Ronald K.; and Kanazawa, Kay K., 4,498,039, Cl. 323-234.000.

Galwey, Ronald K.; and Kanazawa, Kay K., 4,500,840, Cl. 324-425.000.

Kanazawa, Yasunori: *See*—

Arai, Takao; Yamazaki, Shigeru; Kanazawa, Yasunori; and Noguchi, Takaharu, 4,539,615, Cl. 360-121.000.

Kanazawa, Yuzo: *See*—

Ebihara, Sakae; Tanizaki, Hiroyuki; Sato, Kazuma; and Kanazawa, Yuzo, 4,541,667, Cl. 297-64.000.

Nishimura, Shinichi; Akiyama, Yoshinori; and Kanazawa, Yuzo, 4,497,518, Cl. 297-341.000.

Tanizaki, Hiroyuki; Ebihara, Sakae; Hatanaka, Akimitsu; Ogawa, Takayoshi; and Kanazawa, Yuzo, 4,496,189, Cl. 297-63.000.

Kanbara, Hisashige: *See*—

Ohta, Tomohisa; Dobashi, Akihiko; Kanbara, Hisashige; and Seki, Yasuyuki, 4,554,174, Cl. 427-44.000.

Kanbara, Yoichi: *See*—

Nakashima, Hiroyuki; Tamura, Atuyoshi; Kanbara, Yoichi; and Fujii, Masaharu, 4,559,268, Cl. 428-397.000.

Kanbe, Junichiro; and Hosono, Nagao, to Canon Kabushiki Kaisha. Developing device. 4,511,239, 4-16-85, Cl. 355-3.0DD.

Kanbe, Junichiro; Shirai, Shigeru; Misumi, Teruo; Saitoh, Keishi; and Osato, Yoichi, to Canon Kabushiki Kaisha. Photoconductive member. 4,536,460, 8-20-85, Cl. 430-57.000.

Kanbe, Junichiro: *See*—

Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, 4,536,459, Cl. 430-57.000.

Ogawa, Kyosuke; Shirai, Shigeru; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,522,905, Cl. 430-60.000.

Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,529,679, Cl. 430-84.000.

Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,555,465, Cl. 430-95.000.

Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,501,807, Cl. 430-57.000.

Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,525,442, Cl. 430-57.000.

Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,539,283, Cl. 430-61.000.

Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,547,448, Cl. 430-84.000.

Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, 4,557,987, Cl. 430-58.000.

Kanbe, Mitsuru, to Doryokuro Kakunenryo Kaihatsu Jigyodan. Liquid metal mechanical pump. 4,511,315, 4-16-85, Cl. 417-366.000.

Kanbe, Mitsuru, to Doryokuro Kakunenryo Kaihatsu Jigyodan. Liquid metal mechanical pump equipped with emergency syphon. 4,534,712, 8-13-85, Cl. 417-366.000.

Kanbe, Rokuro; and Kimura, Kazuo, to NGK Spark Plug Co., Ltd. Metal-ceramics composite materials. 4,532,190, 7-30-85, Cl. 428-627.000.

Kanchiku, Hiroshi: *See*—

Saito, Fuminari; Kajino, Jirou; and Kanchiku, Hiroshi, 4,562,496, Cl. 360-85.000.

Kancnik, Adolph V.; and Klancnik, Kenneth A., to Universal Automatic Corporation. Machine tool fixture. 4,537,389, 8-27-85, Cl. 269-34.000.

Kanda, Akihiro: *See*—

Sadamatsu, Hideaki; Inoue, Michihiro; Kanda, Akihiro; and Matsuzawa, Akira, 4,536,950, Cl. 29-578.000.

Kanda, Hiroshi; and Ishikawa, Isao, to Hitachi, Ltd. Ultrasonic microscope. 4,510,810, 4-16-85, Cl. 73-606.000.

Kanda, Hiroshi; Ishikawa, Isao; and Kondo, Toshio, to Hitachi, Ltd. Multielement acoustic transducer as well as a method of manufacturing the same and an acoustic imaging instrument. 4,511,998, 4-16-85, Cl. 367-11.000.

Kanda, Hiroyuki: *See*—

Kimura, Kenzi; and Kanda, Hiroyuki, 4,527,140, Cl. 336-175.000.

Kanda, Jun: *See*—

Ishibashi, Masaya; Tada, Atuki; and Kanda, Jun, 4,539,663, Cl. 369-34.000.

Kanda, Katsumi; Okamura, Takaaki; Minamigi, Takashi; Inui, Tsuneo; and Kondo, Yoshikazu, to Toyo Kohan Co., Ltd. Method for production of metal sheet covered with polyester resin film. 4,517,255, 5-14-85, Cl. 428-626.000.

Kanda, Kazunori; Ishii, Keizou; Kida, Katsuaki; Ishikura, Shinichi; and Mizuguchi, Ryuzo, to Nippon Paint Co., Ltd. Resinous emulsion comprising microparticles for coating use and preparation thereof. 4,530,946, 7-23-85, Cl. 523-418.000.

Kanda, Kazunori: *See—*
- Ihikura, Shinichi; Kanda, Kazunori; and Nakaya, Toshiharu, 4,510,275, Cl. 523-412.000.

Kanda, Kunio: *See—*
- Hattori, Seiichi; and Kanda, Kunio, 4,520,458, Cl. 364-900.000.

Kanda, Masahiro; Hatakeyama, Tetsuya; and Morito, Yusuke, to Showa Denko Kabushiki Kaisha. Electromagnetic wave-shielding materials. 4,508,640, 4-2-85, Cl. 252-503.000.

Kanda, Mikio: *See—*
- Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.
- Nakamura, Yoshiharu; and Kanda, Mikio, 4,506,911, Cl. 280-801.000.

Kanda, Mutsumi; Nakanishi, Kiyoshi; Inoue, Tokuta; and Nakajima, Mikio, to Toyota Jidosha Kabushiki Kaisha. Intake device of an internal combustion engine. 4,499,868, 2-19-85, Cl. 123-188.00M.

Kanda, Mutsumi; Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, to Toyota Jidosha Kabushiki Kaisha. Piston assembly with cooling lubricant reservoir defining member with a deep narrow reservoir and a shallow wide reservoir. 4,505,233, 3-19-85, Cl. 123-41.350.

Kanda, Mutsumi; Inoue, Tokuta; Matsushita, Souichi; and Nakanishi, Kiyoshi, to Toyota Jidosha Kabushiki Kaisha. Piston assembly with cooling lubricant reservoir defining member engaged to piston pin mounting bosses. 4,506,632, 3-26-85, Cl. 123-41.350.

Kanda, Mutsumi; Matsushita, Souichi; and Nakanishi, Kiyoshi, to Toyota Jidosha Kabushiki Kaisha. Piston with crown cooling cavity and radial ribs formed therein. 4,530,312, 7-23-85, Cl. 123-41.350.

Kanda, Mutsumi: *See—*
- Okumura, Takeshi; Nakanishi, Kiyoshi; Kanda, Mutsumi; Kotani, Takeshi; and Inoue, Tokuta, 4,503,819, Cl. 123-188.00M.

Kanda, Nobuo: *See—*
- Kondo, Mitsuru; Iwasaki, Hiroshi; Kanda, Nobuo; Omatsu, Masayuki; and Omura, Haruo, 4,524,373, Cl. 346-221.000.
- Kondo, Mitsuru; Iwasaki, Hiroshi; Omura, Haruo; and Kanda, Nobuo, 4,536,220, Cl. 106-21.000.

Kanda, Shuhei, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic record still mode reproduction apparatus and method. 4,535,367, 8-13-85, Cl. 360-10.200.

Kanda, Tikara; and Igarashi, Toru, to Toyota Jidosha Kabushiki Kaisha; and Mitutoyo Mfg. Co., Ltd. Dial gauge. 4,528,755, 7-16-85, Cl. 33-172.00R.

Kanda Tushin Kogyo: *See—*
- Nagasaki, Yoshio, 4,517,409, Cl. 179-81.00C.

Kanda, Yohichi: *See—*
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Kanda, Yoichi: *See—*
- Aoki, Katsumichi; Kanda, Yoichi; Satake, Keigo; and Shinkawa, Hiroyasu, 4,492,597, Cl. 71-92.000.

Kanda, Yoshiro; Noguchi, Hironori; and Ikeda, Tadashi, to Mitutoyo Mfg. Co., Ltd. Touch signal probe. 4,516,327, 5-14-85, Cl. 33-169.00R.

Kanda, Zensho: *See—*
- Ichikawa, Toshiji; Ohhachi, Yoshinori; and Kanda, Zensho, 4,547,191, Cl. 604-251.000.

Kandachi, Takayoshi; Okino, Seiki; Yanai, Toshiharu; and Tanaka, Katsuto, to Central Glass Company, Limited. Method of producing heat-reflecting glass plate by coating with titanium oxide film. 4,521,454, 6-4-85, Cl. 427-168.000.

Kandarian, Ernest. Protective cover for cotton module. 4,538,385, 9-3-85, Cl. 52-3.000.

Kandel, Gerald J.: *See—*
- Gretz, Charles; and Kandel, Gerald J., 4,541,540, Cl. 220-20.000.

Kandell, Ronald J.: *See—*
- Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Kandler, Joachim: *See—*
- Staendeke, Horst; Dany, Franz-Josef; and Kandler, Joachim, 4,505,849, Cl. 252-609.000.
- Staendeke, Horst; Dany, Franz-Josef; and Kandler, Joachim, 4,514,328, Cl. 252-609.000.

Kandler, William C., to Tecumseh Products Company. Economical engine construction having integrally cast muffler. 4,507,917, 4-2-85, Cl. 60-323.000.

Kando, Toru; and Haraguchi, Keisuke, to Asahi Kogaku Kogyo Kabushiki Kaisha. Cover-equipped camera. 4,522,478, 6-11-85, Cl. 354-288.000.

Kando, Toru: *See—*
- Haraguchi, Keisuke; and Kando, Toru, 4,544,251, Cl. 354-288.000.
- Morizumi, Masaaki; Kando, Toru; and Haraguchi, Keisuke, 4,500,184, Cl. 354-149.110.

Kandori, Toshio: *See—*
- Hayashi, Hiroaki; Kandori, Toshio; and Fukushima, Yoshiaki, 4,552,806, Cl. 428-312.600.

Kandra, Lili: *See—*
- Szejtli, Jozsef; Liptak, Andras; Nanasi, Pal; Fugedi, Peter; Jodal, Ildiko; Kandra, Lili; and Janossy, Lorant, 4,542,211, Cl. 536-103.000.

Kandros, Michael A.: *See—*
- Fedder, James L.; and Kandros, Michael A., 4,498,722, Cl. 339-75.0MP.

Kandybowski, Steven J.; and Sucheski, Matthew M., to AMP Incorporated. Stamped and formed stacking device for circuit boards and a method for making. 4,536,055, 8-20-85, Cl. 339-258.00R.

Kandybowski, Steven J.: *See—*
- Bright, Edward J.; Kandybowski, Steven J.; Sheesley, Wilmer L.; and Sinisi, David B., 4,502,747, Cl. 339-75.00M.

Kane, Brian J., to Metropolitan Furniture Corp. Furniture construction with replaceable elastomeric covering. 4,545,615, 10-8-85, Cl. 297-287.000.

Kane, Garold L. Variable lobe cam mechanism. 4,522,085, 6-11-85, Cl. 74-568.00R.

Kane Graphical Corporation: *See—*
- Kane, Michael, 4,530,177, Cl. 40-621.000.

Kane, James; and Murr, John, Jr., to RCA Corporation. CRT with internal neck coating of crystalline tin oxide for suppressing arcing therein. 4,518,893, 5-21-85, Cl. 313-479.000.

Kane, James, to RCA Corporation. Method of fabricating a silicon lens array. 4,524,127, 6-18-85, Cl. 430-321.000.

Kane, James, to RCA Corporation. Method of fabricating lenticular arrays. 4,528,260, 7-9-85, Cl. 430-321.000.

Kane, James, to RCA Corporation. Photodetector with enhanced light absorption. 4,532,537, 7-30-85, Cl. 357-30.000.

Kane, James A.: *See—*
- Kraemer, Alan D.; and Kane, James A., 4,521,858, Cl. 364-200.000.

Kane, James G.; Pedicano, Ernest A.; and Pedicano, James. Foot and leg exercising device. 4,501,421, 2-26-85, Cl. 272-96.000.

Kane, John J., to Pittsburgh & Conneaut Dock Company, The. Thaw shed heater. 4,494,462, 1-22-85, Cl. 104-1.00R.

Kane, Michael, to Kane Graphical Corporation. Sign with interchangeable characters. 4,530,177, 7-23-85, Cl. 40-621.000.

Kane, Richard E.: *See—*
- Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,550,219, Cl. 174-21.00C.
- Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,556,755, Cl. 174-21.00C.

Kane, Steven E.: *See—*
- Avidan, Amos A.; Gould, Ronald M.; and Kane, Steven E., 4,547,616, Cl. 585-640.000.

Kaneaki, Tetsuhiko: *See—*
- Kawamoto, Kinji; Tsukamoto, Masao; Murase, Kazuhiro; Kaneaki, Tetsuhiko; and Nikaido, Masataka, 4,536,853, Cl. 364-718.000.

Kanebako, Hiromu; and Hisatomi, Yasukiro, to Kuroda Precision Industries Ltd. Cutting fluid supply apparatus. 4,514,149, 4-30-85, Cl. 417-403.000.

Kanebo, Ltd.: *See—*
- Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.
- Koyama, Hiroaki; and Shimizu, Shigeo, 4,558,089, Cl. 524-509.000.
- Matsui, Masao; Okamoto, Kazuo; and Naruse, Tutomu, 4,525,404, Cl. 428-92.000.
- Nishida, Takeshi; Yamagami, Yousuke; Takeda, Toshihide; and Saito, Toshio, 4,547,906, Cl. 2-93.000.
- Okuyama, Genichiro; Takemoto, Shizume; and Otani, Yasuhisa, 4,507,279, Cl. 424-63.000.
- Sato, Keishi; Nishida, Takeshi; Kamiya, Toji; and Tanaka, Yutaka, 4,539,255, Cl. 428-252.000.
- Takebe, Yasushi; Iuchi, Koji; and Tsukamoto, Goro, 4,554,358, Cl. 549-229.000.
- Uno, Toshio; Takamatsu, Masanori; Iuchi, Koji; and Tsukamoto, Goro, 4,530,930, Cl. 514-312.000.

Kanebo Synthetic Fibers, Ltd.: *See—*
- Matsui, Masao; Okamoto, Kazuo; and Naruse, Tutomu, 4,525,404, Cl. 428-92.000.

Kaneda, Aizo: *See—*
- Sato, Masaaki; Kaneda, Aizo; and Watanabe, Makio, 4,524,369, Cl. 346-135.100.

Kaneda, Hidehiko; Inagaki, Natsuo; and Yamaguchi, Hitoshi, to Japan Marine Science & Technology Center. Underwater hydraulic tool. 4,526,239, 7-2-85, Cl. 173-73.000.

Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, to Babcock-Hitachi Kabushiki Kaisha. Electrodialysis desalination process system for seawater. 4,539,088, 9-3-85, Cl. 204-182.500.

Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, to Babcock-Hitachi Kabushiki Kaisha. Electrodialysis desalination process and system for seawater. 4,539,091, 9-3-85, Cl. 204-301.000.

Kaneda, Isao, to NEC Home Electronics Ltd. High intensity discharge lamp ignition system. 4,529,914, 7-16-85, Cl. 315-335.000.

- Kaneda, Kazuji: *See—*
  - Noguchi, Masahisa; and Kaneda, Kazuji, 4,552,314, Cl. 242-25.00R.
- Kaneda, Masahiro: *See—*
  - Kamada, Kazumasa; Osaka, Norihisa; and Kaneda, Masahiro, 4,520,166, Cl. 525-85.000.
- Kaneda, Michihiro: *See—*
  - Sekine, Kunio; Kaneda, Michihiro; Shinokura, Kiichiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,497,319, Cl. 128-303.100.
- Kaneda, Shouzou: *See—*
  - Kawai, Toshikazu; Suzuki, Haruo; and Kaneda, Shouzou, 4,523,041, Cl. 568-755.000.
- Kaneda, Shunji: *See—*
  - Ueeda, Ryuhei; Fujii, Kiyonobu; Kubotsu, Akira; Kaneda, Shunji; and Okuno, Kenji, 4,560,715, Cl. 523-443.000.
- Kaneda, Tokuya: *See—*
  - Maeda, Takeshi; Mizoguchi, Yasumitsu; Takasago, Masahiro; Kaneda, Tokuya; and Tsunoda, Yoshito, 4,523,089, Cl. 250-205.000.
- Kaneda, Yutaka; and Ohga, Juro, to Nippon Telegraph & Telephone Public Corporation. Microphone-array apparatus and method for extracting desired signal. 4,536,887, 8-20-85, Cl. 381-92.000.
- Kanegae, Hidetoshi; Asano, Masaharu; Yasuhara, Seishi; and Nakajima, Masao, to Nissan Motor Company, Limited. Failsafe for an engine control. 4,491,112, 1-1-85, Cl. 123-479.000.
- Kanegae, Hidetoshi; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, to Nissan Motor Company, Limited. Fail-safe system for automotive engine control system for fail-safe operation as crank angle sensor fails operation thereof and fail-safe method therefor, and detection of fault in crank angle sensor. 4,502,446, 3-5-85, Cl. 123-479.000.
- Kanegafuchi Kagaku Kogyo Kabushiki Kaisha: *See—*
  - Ariki, Yusaku; Hino, Takio; and Yoshida, Noboru, 4,507,514, Cl. 570-262.000.
  - Furukawa, Hisao; and Kato, Yasushi, 4,506,052, Cl. 524-357.000.
  - Hamakawa, Yoshihiro; and Tawada, Yoshihisa, 4,491,682, Cl. 136-256.000.
  - Hamakawa, Yoshihiro; and Tawada, Yoshihisa, 4,499,331, Cl. 136-258.000.
  - Hasegawa, Junzo; Ogura, Masahiro; Kanema, Hiroshi; Kawaharada, Hajime; and Watanabe, Kiyoshi, 4,540,665, Cl. 435-146.000.
  - Hirobe, Kazushi; Tonoki, Satoshi; and Nishigaki, Masahiko, 4,493,913, Cl. 523-205.000.
  - Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komabashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, 4,521,289, Cl. 204-253.000.
  - Isayama, Katsuhiko; Hirose, Toshifumi; and Kawakubo, Fumio, 4,543,403, Cl. 526-263.000.
  - Iwakiri, Hiroshi; Asada, Masahiro; and Yonezawa, Kazuya, 4,552,947, Cl. 528-126.000.
  - Kato, Yasushi; Furukawa, Hisao; and Nakatsuka, Saori, 4,503,181, Cl. 524-391.000.
  - Kato, Yasushi; and Furukawa, Hisao, 4,507,437, Cl. 525-106.000.
  - Kato, Yasushi; and Furukawa, Hisao, 4,518,726, Cl. 524-32.000.
  - Kato, Yasushi; and Furukawa, Hisao, 4,539,359, Cl. 524-376.000.
  - Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,496,611, Cl. 427-160.000.
  - Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,513,061, Cl. 428-429.000.
  - Kira, Kazuaki, 4,528,343, Cl. 528-26.000.
  - Kobayashi, Shigeru; and Nakamura, Munehiro, 4,525,486, Cl. 521-59.000.
  - Maeda, Hirofumi; Nakamura, Kyoichi; and Hatamoto, Toshihiro, 4,524,154, Cl. 521-58.000.
  - Maeda, Hirofumi; Nakamura, Kyoichi; and Fukui, Hisatoshi, 4,525,485, Cl. 521-58.000.
  - Mathumoto, Shigemi; and Nagoshi, Fumiya, 4,526,928, Cl. 525-76.000.
  - Mathumoto, Sigemi; Kubota, Hidetaka; and Nagoshi, Fumiya, 4,525,530, Cl. 525-84.000.
  - Mita, Tetsuo; Nakanishi, Hirotazu; Takase, Junji; Isayama, Katsuhiko; and Tani, Nobutaka, 4,507,469, Cl. 528-425.000.
  - Mitani, Toragoro; Yasui, Hideo; and Morikawa, Hisashi, 4,517,344, Cl. 526-62.000.
  - Miyamoto, Kaoru, 4,540,513, Cl. 260-112.50R.
  - Mori, Kiyoshi; and Nakagawa, Masao, 4,539,335, Cl. 521-60.000.
  - Muramatsu, Eiichi; Matsumoto, Shigemi; and Nagoshi, Fumiya, 4,518,742, Cl. 525-67.000.
  - Nakagawa, Masao; Mori, Kiyoshi; and Sugita, Toshiaki, 4,560,735, Cl. 526-232.300.
  - Nakashima, Hiroyuki; Tamura, Atuyoshi; Kanbara, Yoichi; and Fujii, Masaharu, 4,559,268, Cl. 428-397.000.
  - Oizumi, Masayuki; Abe, Masaharu; and Fushiki, Yasuo, 4,521,491, Cl. 428-458.000.
  - Sakata, Yoshio; and Kakehashi, Yasushi, 4,509,031, Cl. 335-306.000.
  - Sakata, Yoshio, 4,517,539, Cl. 335-302.000.
  - Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Kishi, Takamichi, 4,539,083, Cl. 204-98.000.
  - Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Yamada, Kiyoshi, 4,556,470, Cl. 204-266.000.
  - Senda, Kenichi; Ando, Masao; Nakamura, Kyoichi; and Nishida, Tatehiko, 4,540,718, Cl. 521-58.000.
  - Shibahara, Hiroshi; and Tachibana, Hiromitsu, 4,542,204, Cl. 528-140.000.
  - Takaki, Akira; and Hosoi, Hideki, 4,508,876, Cl. 525-310.000.
  - Takeuchi, Tooru; Nakamura, Masaru; and Aoishi, Eiji, 4,510,201, Cl. 428-285.000.
  - Tomita, Haruo; and Yonezawa, Kazuya, 4,540,802, Cl. 549-557.000.
  - Toyooka, Eietsu; Tomishima, Yoshio; and Nojima, Yasuhiro, 4,555,555, Cl. 526-62.000.
  - Tsuge, Kazunori; Tawada, Yoshihisa; and Hamakawa, Yoshihiro, 4,544,423, Cl. 148-174.000.
  - Uda, Junji; Yamamoto, Tsuneo; and Kosugi, Takumi, 4,515,915, Cl. 524-87.000.
  - Uekita, Masakazu; Fushiki, Yasuo; and Ooizumi, Masayuki, 4,557,784, Cl. 156-307.700.
  - Viscontini, Max, 4,540,783, Cl. 544-258.000.
  - Yamazaki, Kaoru; and Shibuya, Fukashi, 4,513,126, Cl. 526-87.000.
  - Yamazaki, Kaoru; Kurioka, Shunichiro; Sakata, Mitsuya; and Ogawa, Takahiro, 4,524,193, Cl. 526-79.000.
  - Yasui, Hideo; and Miki, Yasuhiro, 4,539,396, Cl. 528-481.000.
- Kanehara, Hironori: *See—*
  - Maruyama, Hiromi; Sasaoka, Seiji; Kiuchi, Mitsuo; and Kanehara, Hironori, 4,533,557, Cl. 426-61.000.
- Kanehara, Kenji; Kohama, Tokio; Kawai, Hisasi; and Tokura, Norihito, to Nippon Soken, Inc. Fuel supply control apparatus for an internal-combustion engine. 4,537,172, 8-27-85, Cl. 123-527.000.
- Kanehara, Kenji: *See—*
  - Tokura, Norihito; Kawai, Hisasi; Kohama, Tokio; and Kanehara, Kenji, 4,550,308, Cl. 340-347.0NT.
- Kanehori, Keiichi; Miyauchi, Katsuki; Ito, Yukio; Kirino, Fumiyoshi; and Kudo, Tetsuichi, to Hitachi, Ltd. Cathode structure for thin film battery. 4,555,456, 11-26-85, Cl. 429-131.000.
- Kaneki, Satoru; and Tabuchi, Kazuhiro, to Dai Nippon Insatsu Kabushiki Kaisha. Photomask blank and photomask. 4,556,608, 12-3-85, Cl. 428-629.000.
- Kanekiyo, Kazue; Kobayashi, Masatsune; Yokoyama, Yasumasa; Eida, Tsuyoshi; Komori, Tomoko; and Koike, Shoji, to Canon Kabushiki Kaisha. Method of forming color images. 4,505,749, 3-19-85, Cl. 106-20.000.
- Kaneko, Akinari: *See—*
  - Shindo, Masanari; Sato, Shigeru; and Kaneko, Akinari, 4,534,840, Cl. 204-192.00R.
- Kaneko, Akio; Kajiwara, Hitoshi; Haikawa, Yukihiko; and Nishiga, Kazuya, to Alps Electric Co., Ltd. Equalizer apparatus having two dimensional display. 4,504,968, 3-12-85, Cl. 381-103.000.
- Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, to Murata Manufacturing Co., Ltd. Electronic component series. 4,514,787, 4-30-85, Cl. 361-420.000.
- Kaneko, Fuminori; Yamamura, Takashige; and Matsumoto, Satosi, to Kabushiki Kaisha Kobe Seiko Sho. Upsetter. 4,552,009, 11-12-85, Cl. 72-316.000.
- Kaneko, Hideki: *See—*
  - Fujishita, Kazuo; Kaneko, Hideki; Ushirokajitani, Yoshiyuki; and Kanno, Tadao, 4,503,810, Cl. 122-13.00R.
- Kaneko, Hideo; Kumashiro, Hatuyoshi; and Iwata, Akira, to Kawasaki Jukogyo Kabushiki Kaisha. Horizontal continuous casting method. 4,495,982, 1-29-85, Cl. 164-452.000.
- Kaneko, Hideo; Kumashiro, Hatsuyoshi; and Iwata, Akira, to Kawasaki Jukogyo Kabushiki Kaisha. Horizontal continuous casting installation. 4,527,616, 7-9-85, Cl. 164-502.000.
- Kaneko, Hiroko: *See—*
  - Miyake, Kiyoshi; and Kaneko, Hiroko, 4,521,081, Cl. 350-357.000.
- Kaneko, Hiromi: *See—*
  - Iino, Toshiki; Kaneko, Hiromi; Takagi, Michiyuki; and Komatsu, Kazuhiro, 4,493,610, Cl. 415-104.000.
- Kaneko, Hiroshi: *See—*
  - Saigo, Hiroshi; and Kaneko, Hiroshi, 4,516,951, Cl. 446-338.000.
- Kaneko, Ichiro: *See—*
  - Koyanagi, Shunichi; Kitamura, Hajime; Shimizu, Toshihide; and Kaneko, Ichiro, 4,528,336, Cl. 526-62.000.
  - Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, 4,539,230, Cl. 427-230.000.
  - Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, 4,542,195, Cl. 526-62.000.
  - Tsuchida, Michinori; Shimizu, Toshihide; Kaneko, Ichiro; and Abe, Tokuji, 4,543,382, Cl. 524-267.000.
- Kaneko, Junichi: *See—*
  - Iwai, Noboru; Hirunuma, Masanori; and Kaneko, Junichi, 4,508,669, Cl. 264-36.000.
- Kaneko, Katsukichi. Double-slider fastening lock. 4,514,884, 5-7-85, Cl. 24-386.000.
- Kaneko, Katsumi: *See—*
  - Nishikawa, Eiichiro; Shinya, Masuo; Ueda, Kayako; and Kaneko, Katsumi, 4,551,556, Cl. 568-403.000.
  - Okumura, Yoshiharu; Kamiyama, Setsuo; Hosokawa, Toshihiro; and Kaneko, Katsumi, 4,499,313, Cl. 568-897.000.
  - Okumura, Yoshiharu; Kamiyama, Setsuo; Furukawa, Hiroshi; and Kaneko, Katsumi, 4,507,512, Cl. 568-897.000.
- Kaneko, Katuaki: *See—*
  - Take, Takao; Kaneko, Katuaki; and Otozaki, Sigeo, 4,544,424, Cl. 156-39.000.
- Kaneko, Kazuo; Gonda, Michihiro; Suzuka, Susumu; and Kitsukawa, Katsumasa, to Hodogaya Chemical Co., Ltd. Heat sensitive record material. 4,539,577, 9-3-85, Cl. 346-207.000.
- Kaneko, Kazuyoshi; and Tamura, Jun, to Kabushiki Kaisha Morita Seisakusho. Dental treatment chair assembly. 4,500,134, 2-19-85, Cl. 297-170.000.

Kaneko, Keiichi: *See—*
- Takai, Sakan; Iida, Takenori; and Kaneko, Keiichi. 4,549,282, Cl. 365-1.000.

Kaneko, Kenji, to Victor Company of Japan, Ltd. Noise immune data regenerating circuit for video signal reproduction. 4,496,994, 1-29-85, Cl. 358-336.000.

Kaneko, Kenji, to Victor Company of Japan, Ltd. Horizontal scanning frequency multiplying circuit. 4,520,394, 5-28-85, Cl. 358-150.000.

Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, to Hitachi, Ltd. I^2L circuitry having operating current supplied by higher-voltage circuitry fabricated on same chip. 4,543,499, 9-24-85, Cl. 307-477.000.

Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, to Kabushiki Kaisha Kawai Gakki Seisakusho. Portable keyboard-type musical instrument. 4,550,638, 11-5-85, Cl. 84-431.000.

Kaneko, Kimiyoshi; Ishikawa, Hiromichi; Moriyama, Satoru; and Uchiyama, Tsugio, to Hokko Chemical Industry Co., Ltd. Insecticidal benzoyl hydrazone derivatives. 4,547,524, 10-15-85, Cl. 514-594.000.

Kaneko, Kimiyoshi: *See—*
- Ozaki, Yoshiharu; Kaneko, Kimiyoshi; and Mitachi, Senshu. 4,507,245, Cl. 260-429.200.

Kaneko, Makoto; Tachi, Susumu; and Komoriya, Kiyoshi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Object detecting apparatus. 4,558,215, 12-10-85, Cl. 250-222.100.

Kaneko, Mamoru: *See—*
- Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro. 4,498,170, Cl. 370-110.100.

Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, to Hitachi, Ltd.; and Mitsubishi Chemical Industries Limited. Pleochroic azo dyes, a liquid crystal composition containing the azo dyes and a display device using the liquid crystal composition. 4,493,532, 1-15-85, Cl. 350-349.000.

Kaneko, Masaharu: *See—*
- Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi. 4,495,083, Cl. 252-299.100.
- Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio. 4,507,221, Cl. 252-299.100.
- Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio. 4,528,113, Cl. 252-299.100.

Kaneko, Masashi: *See—*
- Kawabata, Susumu; Inoue, Tetsuzo; Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi. 4,510,745, Cl. 57-415.000.
- Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi. 4,539,808, Cl. 57-411.000.

Kaneko, Masayasu: *See—*
- Hirai, Jun; and Kaneko, Masayasu. 4,513,311, Cl. 358-40.000.

Kaneko, Nagao; Fujimori, Yoshinori; Shimizu, Seizaburo; and Obara, Shin, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic beam focusing device with a concave surface. 4,549,107, 10-22-85, Cl. 310-327.000.

Kaneko, Nobuo; Takemoto, Takeshi; and Yasuda, Hiroshi, to Ricoh Company, Ltd.; and Ricoh Watch Co., Ltd. Printing hammer assembly with a hammer dampener comprising two opposed permanent magnets. 4,530,280, 7-23-85, Cl. 101-93.020.

Kaneko, Noriaki: *See—*
- Joh, Yasushi; Kaneko, Noriaki; and Nagase, Toshio. 4,508,535, Cl. 604-282.000.

Kaneko, Ryoichi: *See—*
- Fujita, Yuji; Wakasugi, Keizo; and Kaneko, Ryoichi. 4,543,280, Cl. 428-35.000.
- Isa, Hitoshi; Kaneko, Ryoichi; and Kashiwahara, Katsuto. 4,550,569, Cl. 60-657.000.

Kaneko, Satoshi, to Tamura Electric Works, Ltd. Tape counter. 4,531,050, 7-23-85, Cl. 235-1.00D.

Kaneko, Shinji: *See—*
- Ishida, Kunio; and Kaneko, Shinji. 4,544,144, Cl. 267-64.150.

Kaneko, Shuzo; Tamura, Yasuyuki; and Takahashi, Tohru, to Canon Kabushiki Kaisha. Image formation method and apparatus. 4,493,882, 1-15-85, Cl. 430-97.000.

Kaneko, Shuzo; and Tamura, Yasuyuki, to Canon Kabushiki Kaisha. Image forming apparatus with displaying and printing functions. 4,547,787, 10-15-85, Cl. 346-160.000.

Kaneko, Sinobu; and Nakade, Hiroyuki, to Kotobuki Seihan Printing Co., Ltd. Method of and apparatus for identifying presensitized offset printing plates. 4,539,647, 9-3-85, Cl. 364-526.000.

Kaneko, Siyoukichi: *See—*
- Nagasaka, Syuichi; and Kaneko, Siyoukichi. 4,546,726, Cl. 118-719.000.

Kaneko, Syuzo, to Canon Kabushiki Kaisha. Time-sharing driving method for ferroelectric liquid crystal display. 4,548,476, 10-22-85, Cl. 350-350.00S.

Kaneko, Tadao: *See—*
- Yokoyama, Eiji; Kaneko, Tadao; Amano, Yoshiaki; and Sugimoto, Shigeo. 4,554,223, Cl. 429-20.000.

Kaneko, Tadashi: *See—*
- Nishikawa, Toshio; Kaneko, Tadashi; and Othuka, Kazutoshi. 4,517,947, Cl. 123-489.000.
- Nishimura, Hirofumi; Oda, Hiroyuki; Kaneko, Tadashi; Takai, Akira; and Takeuchi, Nobuo. 4,522,179, Cl. 123-481.000.
- Takeuchi, Nobuo; Kaneko, Tadashi; Nakazumi, Tadataka; and Yokooku, Katsuhiko. 4,508,078, Cl. 123-399.000.
- Yokooku, Katsuhiko; Kaneko, Tadashi; and Nakazumi, Tadataka. 4,532,905, Cl. 123-443.000.

Kaneko, Takao: *See—*
- Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu. 4,524,333, Cl. 331-17.000.

Kaneko, Takashi, to Nippon Electric Co., Ltd. Pulse width modulator circuit with thermal breakdown prevention. 4,549,151, 10-22-85, Cl. 332-9.00R.

Kaneko, Takashi: *See—*
- Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi. 4,499,241, Cl. 525-211.000.
- Yoshimura, Isao; Mizukami, Osamu; Hata, Hideo; Kageyama, Junichi; and Kaneko, Takashi. 4,501,634, Cl. 156-244.240.
- Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi. 4,537,935, Cl. 525-222.000.
- Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi. 4,542,886, Cl. 264-22.000.

Kaneko, Takatoshi: *See—*
- Iizuka, Jiro; Kaneko, Takatoshi; and Hashiba, Tooru. 4,558,330, Cl. 34[illegible]-76.0PH.

Kaneko, Takeru; Ozaki, Satoru; Takizawa, Kimie; and Sugimoto, Hachiro, to Eisai Co., Ltd. Antiphlogistic/antipyretic/analgesic agents containing theobromine or theophylline derivatives as active ingredient. 4,543,254, 9-24-85, Cl. 514-253.000.

Kaneko, Takeru: *See—*
- Sugimoto, Hachiro; Hamano, Sachiyuki; Shoji, Tadao; Kaneko, Takeru; and Uzuo, Takeshi. 4,493,837, Cl. 424-253.000.
- Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi. 4,551,273, Cl. 260-112.50E.

Kaneko, Takushi: *See—*
- Schmitz, Henry; Kaneko, Takushi; Essery, John M.; and Doyle, Terrence W., 4,552,971, Cl. 549-332.000.

Kaneko, Tomomichi: *See—*
- Yamamura, Yutaka; Kaneko, Tomomichi; and Hayashi, Shunichi. 4,504,571, Cl. 430-253.000.

Kaneko, Tomonori; Mori, Shunji; Ichikawa, Tetsuo; Hiroki, Yoichi; and Kariya, Takashi, to Hitachi, Ltd. Cooling method and apparatus for hermetic type control box. 4,495,780, 1-29-85, Cl. 62-229.000.

Kaneko, Toshiaki; Takita, Ichiro; and Shikano, Hiroshi, to Kurosaki Refractories Co., Ltd. Graphite-containing refractories. 4,539,301, 9-3-85, Cl. 501-99.000.

Kaneko, Toshihisa: *See—*
- Takeuchi, Hideo; Kaneko, Toshihisa; and Ikeda, Satoshi. 4,499,827, Cl. 101-425.000.

Kaneko, Toshimi, to Murata Manufacturing Co., Ltd. Chip type discharge element with laminated insulating sheets. 4,504,766, 3-12-85, Cl. 313-634.000.

Kaneko, Toshio; Sakamoto, Koji; Kanno, Fuchio; and Yasuda, Wataru, to Ricoh Company, Ltd. Voltage-controlled developing device. 4,561,381, 12-31-85, Cl. 118-652.000.

Kaneko, Toshio: *See—*
- Kanno, Fuchio; Kaneko, Toshio; and Sakamoto, Koji. 4,538,898, Cl. 355-3.0DD.
- Miwa, Hiroshi; Kaneko, Toshio; Tonouchi, Akira; and Anan, Tatsuro. 4,505,785, Cl. 204-28.000.

Kaneko, Toshiro. Hydroponic method and apparatus for cultivating vegetables and other plants. 4,505,068, 3-19-85, Cl. 47-59.000.

Kaneko, Yasunori: *See—*
- Maki, Masao; Kaneko, Yasunori; and Kobayashi, Ikuo. 4,515,862, Cl. 428-450.000.
- Maki, Masao; Kaneko, Yasunori; and Fukuda, Hiroshi. 4,556,048, Cl. 126-417.000.

Kaneko, Yasutoshi; and Yamashita, Hideo, to Nippon Gakki Seizo Kabushiki Kaisha. Sound board assembly for an upright piano. 4,531,442, 7-30-85, Cl. 84-195.000.

Kaneko, Yasuyuki; Ito, Masao; Ogura, Yukio; and Ishikawa, Jiro, to Nagoya University. Method of treating waste liquors containing phenolics and formaldehyde. 4,505,821, 3-19-85, Cl. 210-611.000.

Kaneko, Yoshiaki: *See—*
- Saito, Toshiyuki; Okubo, Naofumi; and Kaneko, Yoshiaki. 4,562,409, Cl. 330-286.000.

Kaneko, Youji, to Casio Computer Co., Ltd. Touch response apparatus for electronic musical apparatus. 4,535,669, 8-20-85, Cl. 84-1.260.

Kaneko, Yutaka; and Takashi, Yokata, to Ricoh Company, Ltd. Laser printer. 4,494,130, 1-15-85, Cl. 346-160.000.

Kaneko, Yutaka: *See—*
- Kimura, Toshihiko; Kaneko, Yutaka; and Sasaki, Takashi. 4,551,422, Cl. 430-551.000.
- Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori. 4,532,202, Cl. 430-552.000.

Kanekubo, Minoru. Liquid branch flow guide conduit assembly for use in a magnetic apparatus for separating foreign matters from waste liquids containing the foreign matters. 4,518,496, 5-21-85, Cl. 210-222.000.

Kanema, Hiroshi: *See—*
- Hasegawa, Junzo; Ogura, Masahiro; Kanema, Hiroshi; Kawaharada, Hajime; and Watanabe, Kiyoshi. 4,540,665, Cl. 435-146.000.

Kanematsu, Hiroyuki; Nagae, Akimitsu; Mizoguchi, Kiyohisa; and Ohashi, Hajime, to Yamazaki Machinery Works, Ltd. Methods of entering machining information and display therefor in a numerically controlled machine tool. 4,521,860, 6-4-85, Cl. 364-474.000.

Kanematsu, Hiroyuki; Nagae, Akimitsu; and Sano, Shinji, to Yamazaki Machinery Works, Ltd. Method of judging and controlling simultaneous machining in a quadriaxial numerical control lathe. 4,558,419, 12-10-85, Cl. 364-474.000.
Kanematsu, Kiyoshi: *See—*
  Nishigaki, Haruo; Watanabe, Koji; Fukui, Shiroh; and Kanematsu, Kiyoshi, 4,556,511, Cl. 252-573.000.
Kanematu, Tetuo, to Daicel Chemical Industries, Ltd. Process for producing sodium carboxymethylcellulose. 4,521,594, 6-4-85, Cl. 536-98.000.
Kanematu, Tetuo: *See—*
  Otake, Etsuo; Kimura, Mamoru; Yokota, Hiromu; and Kanematu, Tetuo, 4,521,251, Cl. 106-183.000.
Kanemitsu, Shinji, and Tohyama, Yoshikuni, to Canon Kabushiki Kaisha. Transfer station alignment device. 4,544,262, 10-1-85, Cl. 355-3.0TR.
Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, to Canon Kabushiki Kaisha. Process kit and an image forming apparatus using the same. 4,551,000, 11-5-85, Cl. 355-3.00R.
Kanemitsu, Yukio, to Kabushiki Kaisha Kanemitsu. Poly-V pulleys. 4,518,374, 5-21-85, Cl. 474-170.000.
Kanemura, Shinji, and Tachikawa, Shoji, to Honda Giken Kogyo Kabushiki Kaisha. Anti-slip apparatus for wheeled vehicle. 4,545,455, 10-8-85, Cl. 180-197.000.
Kanemura, Yoshinobu; Imai, Masao; and Sasagawa, Katsuyoshi, to Mitsui Toatsu Chemicals, Inc. Resin for high-refractivity lenses and lenses made of same resin. 4,542,201, 9-17-85, Cl. 526-314.000.
Kaneno, Masayuki, and Kajihara, Takehiro, to NGK Insulators, Ltd. Polycrystalline translucent alumina sintered body, a method for producing the same and a high pressure vapor discharge lamp obtained by using said sintered body. 4,495,116, 1-22-85, Cl. 264-1.200.
Kaneno, Masayuki, and Oda, Isao, to NGK Insulators, Ltd. Engine parts. 4,544,607, 10-1-85, Cl. 428-472.000.
Kanerva, Heikki, to Philips Medical Systems. Regulating and stabilizing circuit for X-ray source. 4,553,255, 11-12-85, Cl. 378-110.000.
Kanesaka, Hiroshi, to Usui Kokusai Sangyo Kabushiki Kaisha; and Kabushiki Kaisha Kanesaka Gijutsu Kenkyusho. Turbo-charged compression ignition engine operable at small compression ratio. 4,502,282, 3-5-85, Cl. 60-602.000.
Kanesaki, Masaharu: *See—*
  Suzuki, Yoji; Imaizumi, Atsushi; Yamaguchi, Hisao; Kanesaki, Masaharu; and Ono, Shoji, 4,500,639, Cl. 435-244.000.
Kanesaki, Nobukazu: *See—*
  Etoh, Yukihiro; Tanaka, Toshiaki; Kanesaki, Nobukazu; and Miyazaki, Hiroaki, 4,557,230, Cl. 123-263.000.
  Nakagawa, Toyoaki; Nakajima, Masao; Kawamura, Yoshihisa; and Kanesaki, Nobukazu, 4,501,140, Cl. 73-119.00A.
  Tanaka, Toshiaki; Miyazaki, Hiroaki; Etoh, Yukihiro; Kanesaki, Nobukazu; and Iijima, Akihiro, 4,530,324, Cl. 123-300.000.
Kaneyuki, Kazutoshi, to Mitsubishi Denki Kabushiki Kaisha. Charging generator having waterproof cover. 4,518,886, 5-21-85, Cl. 310-71.000.
Kaneyuki, Toshiaki: *See—*
  Kako, Hiroyoshi; Kobayashi, Nobuo; and Kaneyuki, Toshiaki, 4,501,540, Cl. 425-116.000.
Kanezuka, Toshiyuki: *See—*
  Kigasawa, Kazuo; Ohtani, Hideaki; and Kanezuka, Toshiyuki, 4,500,511, Cl. 424-81.000.
Kanfer, Joseph S. Multiple-use container. 4,506,764, 3-26-85, Cl. 206-77.100.
Kang, Chang E.; Lowry, L. Alan; and Burkum, Merlin E., to Commonwealth Edison Company. Apparatus and method for locating ground faults. 4,546,309, 10-8-85, Cl. 324-52.000.
Kang, Jemo; and Tolman, Glen L., to Baker Instruments Corporation. Method for making chromogenic and/or fluorogenic substrates for use in monitoring catalytic or enzymatic activity. 4,529,796, 7-16-85, Cl. 536-29.000.
Kang, Jung W., and Davis, James A., to Firestone Tire & Rubber Company, The. Rubber articles having improved metal adhesion and metal adhesion retention employing bis(2-mercaptobenzothiazato) nickel. 4,511,628, 4-16-85, Cl. 428-457.000.
Kang, Jung W., and Hall, James E., to Firestone Tire & Rubber Company, The. Method of preparing high cis-1,4 diene polymers having good green strength and tack. 4,522,988, 6-11-85, Cl. 526-133.000.
Kang, Jung W., to Firestone Tire & Rubber Company, The. Method of preparing high cis-1,4 diene polymers having good green strength and tack using a catalyst composition containing a carboxylated metal oxy aluminate component. 4,522,989, 6-11-85, Cl. 526-133.000.
Kang, Jung W., and Davis, James A., to Firestone Tire & Rubber Company, The. Rubber compositions and articles thereof having improved metal adhesion and metal adhesion retention. 4,551,391, 11-5-85, Cl. 428-462.000.
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Kang, Jung W., and Hall, James E., to Firestone Tire & Rubber Company, The. Method of preparing high cis-1,4 diene polymers having good green strength and tack. 4,562,172, 12-31-85, Cl. 502-117.000.
Kang, Jung W.: *See—*
  Roggeman, David M.; Malani, Shrikant R.; and Kang, Jung W., 4,501,866, Cl. 526-133.000.
Kang, Kenneth S.; and Veeder, George T., to Merck & Co., Inc. Heteropolysaccharide S-88. 4,535,153, 8-13-85, Cl. 536-123.000.
Kang, Seong S. Disc loading device in a video disc player. 4,509,158, 4-2-85, Cl. 369-77.200.
Kang, Soon M.: *See—*
  Lang, Stanley A., Jr.; Fields, Thomas L.; Wilkinson, Raymond G.; Kang, Soon M.; and Lin, Yang-I, 4,532,349, Cl. 564-194.000.
Kangaroos U.S.A., Inc.: *See—*
  Gamm, Robert J., 4,547,982, Cl. 36-114.000.
  Gamm, Robert J., 4,550,511, Cl. 36-50.000.
Kangas, Lauri V. M.: *See—*
  Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., 4,556,677, Cl. 514-651.000.
Kangol Magnet Limited: *See—*
  Patterson, Michael, 4,515,395, Cl. 280-808.000.
Kani, Hirofumi. Device for guiding a player in performance of a keyboard instrument. 4,516,465, 5-14-85, Cl. 84-470.00R.
Kania, Don R.: *See—*
  Zimmermann, Eugene L.; and Kania, Don R., 4,515,173, Cl. 137-68.00R.
Kaniadakis, Steven J. Orthodontic rubber band applicator. 4,512,739, 4-23-85, Cl. 433-3.000.
Kaniecki, Michael; Landers, Samuel P.; and Botzman, Thomas J., to Goodyear Tire & Rubber Company, The. Coating material for use on sulfur vulcanized rubber. 4,515,199, 5-7-85, Cl. 152-353.00R.
Kaniecki, Michael; Landers, Samuel P.; and Botzman, Thomas J., to Goodyear Tire & Rubber Company, The. Coating material for use on sulfur vulcanized rubber. 4,535,114, 8-13-85, Cl. 524-364.000.
Kaniuk, John A.; Meinking, William E.; and Morris, Jeffrey R., to Allied Corporation. Vibratable refractory mix and binder therefor. 4,508,835, 4-2-85, Cl. 501-94.000.
Kaniwec, George N.: *See—*
  Krehel, Charles A.; and Kaniwec, George N., 4,524,617, Cl. 73-296.000.
Kankare, Jouko, to Fluilogic Systems Oy. Ion-selective electrode and procedure for manufacturing same. 4,561,962, 12-31-85, Cl. 204-415.000.
Kanke, Takao: *See—*
  Takashima, Susumu; Kanke, Takao; Inagaki, Naoki; and Fukushima, Kazumasa, 4,541,111, Cl. 381-51.000.
Kanki, Kazuhiko: *See—*
  Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, 4,495,312, Cl. 523-105.000.
Kanmoto, Yoshiaki, to Ricoh Company, Ltd. Shading correction device. 4,523,229, 6-11-85, Cl. 358-163.000.
Kanne, David B.: *See—*
  Heather, James B.; and Kanne, David B., 4,514,215, Cl. 71-107.000.
Kannegiesser, Martin; Mussiger, Klaus; and Dreischmeier, Wilfried, to Herbert Kannegiesser GmbH & Co. Device for smoothing garments. 4,519,222, 5-28-85, Cl. 68-5.00C.
Kanner, Bernard; Hopper, Steven P.; and Sepelak, Dennis J., to Union Carbide Corporation. Silyl carbamates and synthesis thereof. 4,496,754, 1-29-85, Cl. 556-420.000.
Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Hopper, Steven P., to Union Carbide Corporation. Process for preparing triacetoxysilanes from tris(amino)silanes. 4,556,725, 12-3-85, Cl. 556-442.000.
Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Mehta, Kunj R., to Union Carbide Corporation. Process for preparing vinylaminosilanes. 4,558,146, 12-10-85, Cl. 556-410.000.
Kanno, Akihiko: *See—*
  Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,561, Cl. 514-209.000.
  Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,574, Cl. 514-195.000.
  Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,540,689, Cl. 514-196.000.
Kanno, Fuchio; Sakamoto, Koji; Kobayashi, Kazuo; Yasuda, Wataru; and Ogiyama, Hiromi, to Ricoh Company, Ltd. Device for forming a developer film. 4,528,937, 7-16-85, Cl. 118-657.000.
Kanno, Fuchio; Kaneko, Toshio; and Sakamoto, Koji, to Ricoh Company, Ltd. Developing device. 4,538,896, 9-3-85, Cl. 355-3.0DD.
Kanno, Fuchio: *See—*
  Kaneko, Toshio; Sakamoto, Koji; Kanno, Fuchio; and Yasuda, Wataru, 4,561,381, Cl. 118-652.000.
Kanno, Hideo: *See—*
  Tanikawa, Keiichi; Fujii, Masahiro; and Kanno, Hideo, 4,561,911, Cl. 148-18.000.
Kanno, Hideyuki, to Tomy Kogyo Company, Incorporated. Toy having playing surface with rotating member located thereon. 4,504,056, 3-12-85, Cl. 273-88.000.
Kanno, Isao: *See—*
  Yamamoto, Yasuo; and Kanno, Isao, 4,492,197, Cl. 123-630.000.
Kanno, Kohei: *See—*
  Ohtsu, Yoichi; Kanno, Kohei; and Nagano, Hiroshi, 4,550,007, Cl. 264-521.000.
Kanno, Masashi: *See—*
  Gohara, Yoshihiro; Kanno, Masashi; and Yamashita, Ichiro, 4,507,523, Cl. 178-19.000.
Kanno, Masayuki; Tezuka, Hisao; Izawa, Kouji; and Kamiyama, Tadanobu, to Tokyo Shibaura Denki Kabushiki Kaisha. Image editing apparatus. 4,538,183, 8-27-85, Cl. 358-280.000.

- Kanno, Tadaaki; Ukai, Takeshi; Akahoshi, Yutaka; and Shibata, Katsuji, to Ricoh Company, Ltd. Document handling apparatus for producing folded and bound stacks of documents. 4,509,732, 4-9-85, Cl. 270-37.000.
- Kanno, Tadao: *See—*
  - Fujishita, Kazuo; Kaneko, Hideki; Ushirokajitani, Yoshiyuki; and Kanno, Tadao, 4,503,810, Cl. 122-13.00R.
- Kanno, Takashi; Oka, Akira; Okamoto, Ituo; Mizushima, Kouji; and Oguro, Shinji, to Fujitsu Limited. Device for housing communication circuits and equipment. 4,510,552, 4-9-85, Cl. 361-413.000.
- Kanno, Tatsuya; and Toga, Yuzo, to Daicel Chemical Industries, Ltd. Monoacrylate or diacrylate of 2-methyl-propylene glycol and photosensitive composition containing the diacrylate. 4,522,913, 6-11-85, Cl. 430-285.000.
- Kanno, Tetuo: *See—*
  - Suzaki, Masayuki; and Kanno, Tetuo, 4,501,509, Cl. 400-157.200.
  - Suzaki, Masayuki; and Kanno, Tetuo, 4,512,674, Cl. 400-208.000.
  - Suzaki, Masayuki; and Kanno, Tetuo, 4,552,475, Cl. 400-144.200.
- Kanno, Toyoji: *See—*
  - Sakurada, Kazuyuki; Funyu, Yutaka; Togashi, Fusao; Kanno, Toyoji; and Masuda, Toshikazu, 4,506,531, Cl. 72-8.000.
- Kanno, Yoshiaki; and Nakazumi, Tadataka, to Mitsubishi Denki Kabushiki Kaisha; and Mazda Motor Corporation. Fuel injection system for an engine. 4,561,404, 12-31-85, Cl. 123-492.000.
- Kanno, Yosuke, to Kabushiki Kaisha Daini Seikosha. Logical regulation circuit for an electronic timepiece. 4,553,850, 11-19-85, Cl. 368-201.000.
- Kano, Fumio: *See—*
  - Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,500,677, Cl. 525-57.000.
  - Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,562,118, Cl. 428-412.000.
- Kano, Hideo: *See—*
  - Tatemoto, Masayoshi; Oka, Masahiko; Kano, Hideo; Tomoda, Masayasu; and Ueta, Yutaka, 4,501,869, Cl. 526-249.000.
- Kano, Hikaru: *See—*
  - Fujiki, Toshiaki; and Kano, Hikaru, 4,535,581, Cl. 52-746.000.
- Kano, Hiroshi: *See—*
  - Nagata, Muneyoshi; and Kano, Hiroshi, 4,544,291, Cl. 400-208.000.
- Kano, Hisae: *See—*
  - Tsumoto, Akio; and Kano, Hisae, 4,508,382, Cl. 296-213.000.
- Kano, Keiichi: *See—*
  - Onda, Tsutomu; Kano, Keiichi; and Itakura, Shinji, 4,498,965, Cl. 204-228.000.
- Kano, Kenji: *See—*
  - Ishikawa, Hitoshi; and Kano, Kenji, 4,560,919, Cl. 323-314.000.
  - Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.
- Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, to Canon Kabushiki Kaisha. Electronic compact function calculator. 4,535,416, 8-13-85, Cl. 364-715.000.
- Kano, Masanobu: *See—*
  - Ishikawa, Hiroshi; Uno, Testuyuki; Kano, Masanobu; and Nakagawa, Kazuyuki, 4,552,879, Cl. 514-253.000.
- Kano, Masayoshi: *See—*
  - Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,526,121, Cl. 114-73.000.
  - Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,559,888, Cl. 114-74.00R.
- Kano, Masayuki: *See—*
  - Kashimoto, Yutaka; Kano, Masayuki; and Fukai, Toshimasa, 4,547,638, Cl. 200-144.00B.
  - Sakuma, Shinzo; Warabi, Junichi; Kano, Masayuki; and Kashimoto, Yutaka, 4,499,349, Cl. 200-144.00B.
- Kano, Mitsuru; and Kamijo, Yoshimi, to Alps Electric Co., Ltd. Paste for forming a transparent, electrically conductive film. 4,545,928, 10-8-85, Cl. 252-518.000.
- Kano, Seishi: *See—*
  - Sonoda, Sakae; Nagae, Yoshio; and Kano, Seishi, 4,517,029, Cl. 148-6.15Z.
- Kano, Takao; and Makino, Katsuhiko, to Sumtak Corporation. Rotary encoder assembly and installation fixture. 4,556,792, 12-3-85, Cl. 250-231.0SE.
- Kano, Takehiko: *See—*
  - Okada, Hiroshi; Itagaki, Hideyuki; Kano, Takehiko; and Masuko, Seiichi, 4,526,656, Cl. 202-158.000.
- Kano, Tokio; and Tamagawa, Akira, to Olympus Optical Co., Ltd. Method of judging a particle agglutination reaction and a reaction vessel for use in the method. 4,556,641, 12-3-85, Cl. 436-165.000.
- Kano, Tokio: *See—*
  - Tamagawa, Akira; and Kano, Tokio, 4,522,493, Cl. 356-36.000.
- Kano, Toshiji: *See—*
  - Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komabashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, 4,521,289, Cl. 204-253.000.
  - Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Kishi, Takamichi, 4,539,083, Cl. 204-98.000.
  - Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Yamada, Kiyoshi, 4,556,470, Cl. 204-266.000.
- Kano, Yoshiharu; Fujisawa, Makoto; Nojiri, Shoji; and Tanaka, Yoshikazu, to Fujitsu Limited. Digital time-division switch. 4,512,015, 4-16-85, Cl. 370-110.100.
- Kanoh, Osamu; and Senda, Atsuo, to Murata Manufacturing Co., Ltd. Corrosion inhibiting coating comprising layer of organic corrosion inhibitor and layer of fluoridized acrylate. 4,554,209, 11-19-85, Cl. 428-334.000.
- Kanoi, Minoru; Hori, Yasuro; and Kamata, Yuzuru, to Hitachi, Ltd. Noise-reduction device for stationary induction apparatus. 4,514,714, 4-30-85, Cl. 336-100.000.
- Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., to Ortho Pharmaceutical Corporation. Substituted 4-alkyl-2-(1H) quinazolinone-1-alkanoic acid derivatives. 4,555,570, 11-26-85, Cl. 544-286.000.
- Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., to Ortho Pharmaceutical Corporation. 3,4-dialkoxy-2-alkylcarbonyl analino compounds. 4,556,739, 12-3-85, Cl. 564-443.000.
- Kanotz, William M.; Vesperman, William C.; and Wilson, Max K., to AT&T Technologies, Inc. Method for insulating conductors with a crystalline plastic material. 4,493,747, 1-15-85, Cl. 156-64.000.
- Kanotz, William M., to AT&T Technologies, Inc. Hybrid apparatus for insulating conductors. 4,516,922, 5-14-85, Cl. 425-113.000.
- Kanou, Ikuo; Yanagiuchi, Shigenobu; and Omori, Takuro, to Sharp Kabushiki Kaisha. Storing address codes with words for alphabetical accessing in an electronic translator. 4,541,069, 9-10-85, Cl. 364-900.000.
- Kanpe Katei Toryoo Kabushiki Kaisha: *See—*
  - Hirao, Katsumi; and Sasaki, Akira, 4,550,865, Cl. 222-402.210.
- Kansa Corporation: *See—*
  - Swint, Ronnie K., 4,526,356, Cl. 270-55.000.
- Kansai Paint Co., Ltd.: *See—*
  - Fujii, Yasuhiro; and Mitsuzi, Masaru, 4,529,632, Cl. 427-409.000.
  - Iida, Shinji, 4,535,126, Cl. 525-106.000.
  - Kasari, Akira; Ohira, Kazuhiko; and Inoue, Hiroshi, 4,530,958, Cl. 524-512.000.
  - Kikuta, Makoto; and Terasawa, Hideo, 4,539,931, Cl. 118-404.000.
  - Sugimoto, Kenji; and Isozaki, Osamu, 4,514,471, Cl. 428-703.000.
  - Tominaga, Akira, 4,528,363, Cl. 528-370.000.
  - Watanabe, Keiichiro; Yamada, Tomiaki; Sazanami, Tsuneo; and Asahara, Eiko, 4,562,154, Cl. 435-162.000.
  - Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.
- Kansas State University Research Foundation: *See—*
  - Lambert, Jack L.; and Chiang, Yuan C., 4,511,658, Cl. 436-130.000.
  - Proctor, Valerie A.; and Cunningham, Franklin E., 4,537,788, Cl. 426-614.000.
- Kansas University Endowment Association, The: *See—*
  - Diederich, Dennis A.; Wiegmann, Thomas B.; and Pinnick, Robert V., 4,500,309, Cl. 604-5.000.
- Kanshin, Nikolai N.: *See—*
  - Utyamyshev, Rustam I.; Smirnov, Boris A.; Kanshin, Nikolai N.; Korolkov, Ivan A.; and Ivanova, Tatyana L., 4,505,272, Cl. 128-305.000.
- Kant, Rajni: *See—*
  - Mehrotra, Deepak; Shaw, Gerard J.; Go, Jok Y.; and Kant, Rajni, 4,512,076, Cl. 29-578.000.
  - Mehrotra, Deepak; Kant, Rajni; and Patel, Kishor M., 4,527,115, Cl. 324-73.00R.
- Kanten, H. Gorden: *See—*
  - Peerman, Dwight E.; Kanten, H. Gorden; and Bonnema, Kelvin K., 4,525,890, Cl. 15-193.000.
- Kantner, Edward, to Exxon Research & Engineering Co. Zinc-bromine batteries with improved electrolyte. 4,491,625, 1-1-85, Cl. 429-50.000.
- Kantner, Robert F., to International Business Machines Corporation. Emulation of special purpose magnetic tape data recording equipment by a general purpose processor. 4,511,963, 4-16-85, Cl. 364-200.000.
- Kanto Chemical Co., Inc.: *See—*
  - Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.
  - Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.
- Kanto Denka Kogyo Co., Ltd.: *See—*
  - Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, 4,503,136, Cl. 430-106.600.
  - Ohbayashi, Nobuo; Kawata, Akiho; Miya, Shuichi; and Niinuma, Teruhisa, 4,556,604, Cl. 428-323.000.
  - Takano, Katsuhiro; Koma, Yoshishige; Hagiwara, Masaru; and Suzuki, Shintaro, 4,497,654, Cl. 75-0.5AA.
  - Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, 4,519,839, Cl. 75-242.000.
- Kanto, Masaharu; Kihara, Hisato; Teshima, Koichi; and Inaba, Michihiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Color cathode ray tube with frame, mask or shield having an oxidized layer. 4,558,252, 12-10-85, Cl. 313-402.000.
- Kanto, Noriharu; Hosaka, Yukihiro; Sasaki, Yoshio; Kuramoto, Tatsuo; and Kimura, Masato, to Mitsubishi Denki Kabushiki Kaisha. Freezing apparatus. 4,555,914, 12-3-85, Cl. 62-380.000.
- Kanto Seiki Co., Limited: *See—*
  - Ichimura, Etsuo, 4,493,988, Cl. 235-96.000.
- Kanto Seiki Kabushiki Kaisha: *See—*
  - Chigira, Junji, 4,526,012, Cl. 62-196.300.
- Kanto Special Steel Works Ltd.: *See—*
  - Takahashi, Hiroyuki; and Ogata, Tomohiro, 4,493,360, Cl. 164-286.000.
- Kantor, Frederick W. Rotary thermodynamic apparatus and method. 4,524,587, 6-25-85, Cl. 62-101.000.

- Kantor, Frederick W. Instrumentation and control system and method for fluid transport and processing. 4,546,649, 10-15-85, Cl. 73-168.000.
- Kantor, Gideon: *See—*
  - Ruggera, Paul S.; and Kantor, Gideon, 4,527,550, Cl. 128-1.500.
- Kantor, Itzhak, to Plasson Maagan Michael Industries Ltd. Tube connection fittings. 4,508,374, 4-2-85, Cl. 285-319.000.
- Kantor, Paul: *See—*
  - Glonek, Robert L.; Kantor, Paul; and Perry, Loren R., 4,548,005, Cl. 52-155.000.
- Kantor, Sherwood: *See—*
  - Bassetti, Larry W.; and Kantor, Sherwood, 4,544,264, Cl. 355-14.00R.
- Kantorowich, Roy H., to Victoria University of Manchester, The. Mortice and tenon joint. 4,492,489, 1-8-85, Cl. 403-319.000.
- Kantou, Masaharu: *See—*
  - Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, 4,528,246, Cl. 428-596.000.
- Kanuma, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Priority determination circuit. 4,546,450, 10-8-85, Cl. 364-900.000.
- Kanyicska, Bela: *See—*
  - Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
- Kanzaka, Yoshihiro, to Nippon Notion Kogyo Co., Ltd. Attaching post for snap fastener elements. 4,509,232, 4-9-85, Cl. 24-113.00R.
- Kanzaka, Yoshihiro, to Nippon Notion Kogyo Co., Ltd. Fastening for a garment. 4,521,943, 6-11-85, Cl. 24-689.000.
- Kanzaki, Koichi; and Taguchi, Minoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device and method for manufacturing the same. 4,539,742, 9-10-85, Cl. 29-576.00W.
- Kanzaki Paper Manufacturing Co., Ltd.: *See—*
  - Arai, Naoto, 4,511,909, Cl. 346-208.000.
  - Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.
  - Arai, Naoto, 4,540,999, Cl. 346-216.000.
  - Fujii, Yoshihiko, Tomita, Osamu; Taniguchi, Itaru; and Saiwai, Kazuhiko, 4,520,370, Cl. 346-76.00L.
  - Ishida, Katsuhiko; Okimoto, Tomoyuki; and Okamoto, Tosaku, 4,529,992, Cl. 346-204.000.
  - Kawai, Hirokazu; and Takahashi, Fumio, 4,496,824, Cl. 219-216.000.
  - Kojima, Kazuo; Yamahira, Hitoshi; and Oeda, Yoshitaka, 4,539,225, Cl. 427-150.000.
  - Kondo, Mitsuru; Iwasaki, Hiroshi; Kanda, Nobuo; Omatsu, Masayuki; and Omura, Haruo, 4,524,373, Cl. 346-221.000.
  - Kondo, Mitsuru; Iwasaki, Hiroshi; Omura, Haruo; and Kanda, Nobuo, 4,536,220, Cl. 106-21.000.
  - Nojima, Kazuhiro; Fujimoto, Hiroyuki; and Takahashi, Mikio, 4,515,833, Cl. 427-362.000.
  - Okamoto, Tosaku; Okimoto, Tomoyuki; and Ishida, Katsuhiko, 4,510,512, Cl. 346-209.000.
  - Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, 4,542,395, Cl. 346-216.000.
  - Shioi, Shunshuke; Takekawa, Yasuo; and Miyake, Makoto, 4,533,930, Cl. 346-211.000.
  - Shioi, Shunsuke; Matoba, Gensuke; and Miyake, Makoto, 4,525,520, Cl. 524-512.000.
  - Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,514,745, Cl. 346-216.000.
  - Suzuki, Toshitake; Hayashi, Ryuzo; Arai, Naoto; and Oeda, Yoshitaka, 4,523,205, Cl. 346-208.000.
  - Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,531,140, Cl. 346-209.000.
  - Takayama, Yukio; Noguchi, Akio; and Matsushita, Takao, 4,513,301, Cl. 346-200.000.
- Kanzaki, Yoshiharu: *See—*
  - Sasaki, Shunroku; Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, 4,562,437, Cl. 343-394.000.
  - Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, 4,496,951, Cl. 343-394.000.
- Kanzawa, Ryosaku: *See—*
  - Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, 4,550,612, Cl. 73-727.000.
  - Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, 4,556,807, Cl. 307-491.000.
- Kanzelberger, James C.; and Deau, William J., to Contemporary Inc. Thermal engraving presses. 4,497,248, 2-5-85, Cl. 104-27.000.
- Kanzelberger, James C., to Contemporary Inc. Decorative plaques and process. 4,520,064, 5-28-85, Cl. 428-199.000.
- Kao Corporation: *See—*
  - Abe, Yoshiaki, 4,530,829, Cl. 424-70.000.
  - Fujisawa, Noriyoshi; Ooshima, Katsuaki; Iijima, Junko; and Deguchi, Katsuhiko, 4,526,710, Cl. 252-545.000.
  - Imamura, Tetsuya; Takeuchi, Takashi; Tetsutani, Takashi; and Yasuda, Shinichiro, 4,530,894, Cl. 430-106.600.
  - Ito, Hiroshi; Hasegawa, Kyusei; Takeuchi, Takashi; and Ikenaga, Takayuki, 4,528,105, Cl. 252-8.55D.
  - Ito, Osamu; Yamasaki, Harumasa; Minakata, Itsuo; and Nishizawa, Kazunori, 4,524,577, Cl. 57-200.000.
  - Iwabuchi, Hidetoshi; and Okumura, Takeo, 4,517,175, Cl. 424-70.000.
  - Kuroda, Muthmi; Murata, Moriyasu; Takeda, Tsunesi; and Tamura, Junich, 4,526,698, Cl. 252-99.000.
  - Matsuda, Morio; and Horio, Masamitsu, 4,518,810, Cl. 568-905.000.
  - Nakagawa, Shoji, 4,529,599, Cl. 514-511.000.
  - Nakai, Ryozo; Inoue, Shigeo; and Arai, Sumio, 4,510,074, Cl. 252-400.00R.
  - Nakanishi, Takashi, 4,520,049, Cl. 427-356.000.
  - Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.
  - Nogami, Takashi; and Nawa, Masayoshi, 4,510,216, Cl. 429-101.000.
  - Sakurai, Akira; and Mizutani, Hiroshi, 4,519,799, Cl. 604-366.000.
  - Suzuki, Toshio; Watanabe, Hiroshi; and Tsushima, Rikio, 4,534,892, Cl. 252-545.000.
  - Suzuki, Toshio, 4,544,498, Cl. 252-547.000.
  - Takaishi, Naotake; Takahashi, Hitoshi; and Inamoto, Yoshiaki, 4,533,770, Cl. 568-817.000.
  - Takeuchi, Takashi; Kobayashi, Syoji; Ootani, Tsuyoshi; and Imamura, Tetsuya, 4,501,795, Cl. 428-329.000.
  - Takeuchi, Takashi; Kobayashi, Shoji; Ohtani, Tsuyoshi; and Imamura, Tetusya, 4,529,649, Cl. 428-328.000.
  - Tanaka, Nobuhiro, 4,529,081, Cl. 198-429.000.
  - Tsuneno, Tatsuro; and Takaku, Masaaki, 4,515,725, Cl. 260-410.700.
  - Tsutsumi, Hisao; Inoue, Tomoko; and Ishida, Atsuo, 4,504,409, Cl. 252-351.000.
  - Tsutsumi, Hisao; and Inoue, Tomoko, 4,510,070, Cl. 252-351.000.
  - Urata, Koichi; Takaishi, Naotake; Inamoto, Yoshiaki; and Suzuki, Yuji, 4,543,258, Cl. 514-772.000.
  - Yamasaki, Harumasa; Kobayashi, Takatoshi; and Sumida, Yuzo, 4,497,930, Cl. 524-556.000.
- Kao, Ming L.: *See—*
  - Chiu, Ran F.; Kromer, Philip F., III; Kao, Ming L.; and Parrish, Henry H., 4,539,689, Cl. 375-13.000.
- Kao Soap Co., Ltd.: *See—*
  - Abe, Yoshiaki, 4,493,824, Cl. 424-70.000.
  - Ando, Hiroshi; and Okumura, Takeo, 4,520,008, Cl. 424-47.000.
  - Fukumoto, Yasuhisa; and Moriyama, Noboru, 4,519,920, Cl. 210-701.000.
  - Fukumoto, Yasuhisa; and Moriyama, Noboru, 4,555,557, Cl. 526-240.000.
  - Katabe, Kenichi; and Nishimura, Takeo, 4,515,852, Cl. 428-246.000.
  - Kita, Katsuhiko; Fukuda, Junzo; and Kawahito, Shiro, 4,496,509, Cl. 264-175.000.
  - Matsunaga, Kinjiro; Okumura, Takeo; and Tsushima, Rikio, 4,495,173, Cl. 424-70.000.
  - Suzuki, Toshiyuki; Nakamura, Tohru; and Tsutsumi, Hisao, 4,536,519, Cl. 514-785.000.
  - Takaishi, Naotake; Inamoto, Yoshiaki; Urata, Kouichi; Kawano, Junichi; and Tsutsumi, Hisao, 4,504,464, Cl. 424-63.000.
- Kao, Wen-Hong: *See—*
  - Kuwana, Theodore; and Kao, Wen-Hong, 4,541,905, Cl. 204-38.700.
- Kao, Yih-Sien, to RCA Corporation. Auto flesh circuitry as for a digital TV receiver. 4,554,576, 11-19-85, Cl. 358-28.000.
- Kapadya, Aftab H.: *See—*
  - Gunderson, Charles; and Kapadya, Aftab H., 4,540,993, Cl. 346-139.00R.
- Kapich, Davorin D., to United States of America, Energy. Shaft seal system. 4,500,093, 2-19-85, Cl. 277-15.000.
- Kapiloff, Anita G.; and Hatch, Randolph T., to B. F. Goodrich Company, The. Cleaning composition. 4,496,470, 1-29-85, Cl. 252-181.000.
- Kaplan, Alan, to Emkay Manufacturing Co. Crystal plating chamber apparatus. 4,517,918, 5-21-85, Cl. 118-723.000.
- Kaplan, Carl, to Plough, Inc. Substantive topical compositions. 4,522,807, 6-11-85, Cl. 424-59.000.
- Kaplan, Donald S.; Muth, Ross R.; and Kennedy, John J. Polymers for injection molding of absorbable surgical devices. 4,523,591, 6-18-85, Cl. 128-334.00R.
- Kaplan, Frank: *See—*
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
- Kaplan, Gerald S.; and Setzer, Russell G., to RCA Corporation. Apparatus and method for reducing telephone channel power loading. 4,531,208, 7-23-85, Cl. 370-7.000.
- Kaplan, Isaac R.: *See—*
  - Demaison, Gerard J.; and Kaplan, Isaac R., 4,560,664, Cl. 436-29.000.
- Kaplan, Jay; and Marchant, Ray, to Honeywell Information Systems Inc. Factory data collection terminal conduit enclosure. 4,493,524, 1-15-85, Cl. 339-125.00R.
- Kaplan, Jay; and Marchant, Ray, to Honeywell Information Systems Inc. Factory data collection terminal mounted to a vertical surface by a quick disconnect wall bracket. 4,558,839, 12-17-85, Cl. 248-542.000.
- Kaplan, Jean-Pierre; George, Pascal; and Bernardon, Jean-Michel, to Synthelabo. Therapeutically useful imidazo[1,2-a]pyridine derivatives. 4,492,695, 1-8-85, Cl. 424-246.000.
- Kaplan, Jean-Pierre; and George, Pascal, to Synthelabo. Anxiolytic imidazo[1,2-a]pyridine derivatives. 4,501,745, 2-26-85, Cl. 514-222.000.

- Kaplan, Jean-Pierre, to Synthelabo. Therapeutically useful sulphur-containing benzylidene derivatives. 4,521,619, 6-4-85, Cl. 514-315.000.
- Kaplan, Jean-Pierre, to Synthelabo. Diphenylazomethines bearing an imidazolyl group and pharmaceutical compositions containing them. 4,558,062, 12-10-85, Cl. 514-400.000.
- Kaplan, Jonathan I.: *See*—
  - Fantone, Stephen D.; Goward, Robert M.; and Kaplan, Jonathan I., 4,526,444, Cl. 350-501.000.
- Kaplan, Leon H.; and Kaplan, Richard D., to International Business Machines Corporation. Dry-developed, negative working electron resist system. 4,497,891, 2-5-85, Cl. 430-296.000.
- Kaplan, Leonard: *See*—
  - Harrison, Arnold M.; and Kaplan, Leonard, 4,562,272, Cl. 549-352.000.
- Kaplan, Lester J., to Upjohn Company, The. Amine intermediates for analgesic compounds. 4,508,911, 4-2-85, Cl. 548-407.000.
- Kaplan, Louis: *See*—
  - Horwitz, E. Philip; Kalina, Dale G.; Kaplan, Louis, and Mason, George W., 4,548,790, Cl. 423-9.000.
- Kaplan, Martin L., to AT&T Laboratories. Reactions of aromatic compounds having two or more fused rings. 4,492,652, 1-8-85, Cl. 568-75.000.
- Kaplan, Martin L.: *See*—
  - Forrest, Stephen R.; Kaplan, Martin L.; Schmidt, Paul H.; and Venkatesan, Thirumalai N. C., 4,511,445, Cl. 204-158.0HE.
- Kaplan, Morris; and Lindley, William A., to Nalco Chemical Company. Use of phosphate and thiophosphate esters neutralized with water soluble amines as ethylene furnace anti-coking antifoulants. 4,542,253, 9-17-85, Cl. 585-650.000.
- Kaplan, Raphael; and Bottka, Nicholas. Method for the deposition of high-quality crystal epitaxial films of iron. 4,508,590, 4-2-85, Cl. 156-601.000.
- Kaplan, Richard D.: *See*—
  - Kaplan, Leon H.; and Kaplan, Richard D., 4,497,891, Cl. 430-296.000.
- Kaplan, Robert A.: *See*—
  - Daly, Richard T.; Rhoades, Walter; Stone, Harvey; and Kaplan, Robert A., 4,507,789, Cl. 372-92.000.
- Kaplan, Steven B.: *See*—
  - Gheewala, Tushar R.; and Kaplan, Steven B., 4,533,840, Cl. 307-306.000.
- Kaplan, Steven E.; and Frink, Richard C., to Atlantic Richfield Company. Process for the preparation of polyhydroxybutadienes. 4,518,770, 5-21-85, Cl. 528-487.000.
- Kaplan, Uri, to Ormat Turbines, Ltd. Parallel-stage modular Rankine cycle turbine with improved control. 4,537,032, 8-27-85, Cl. 60-662.000.
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- Kapland, Mitchell A.; and Robinson, Melville W., Jr. Bay mud stabilization. 4,539,121, 9-3-85, Cl. 210-751.000.
- Kaplanis, John N. Safety device for choker-collar. 4,558,663, 12-17-85, Cl. 119-106.000.
- Kaplit, Michael, to Du Pont de Nemours, E. I., and Company. Data compression system for a photometer. 4,498,781, 2-12-85, Cl. 356-435.000.
- Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., to Continental White Cap, Inc. Vacuum-tamper indicating button for smaller diameter caps and the like. 4,533,059, 8-6-85, Cl. 215-230.000.
- Kapoor, Anoop: *See*—
  - Wilhelm, John J.; Kapoor, Anoop; Kobuck, Richard M.; Antol, Ronald F.; and Norris, George W., 4,537,711, Cl. 252-633.000.
- Kapoor, Deepak; Wan, Chung-Chu; and Wang, Rong Y., to Allied Corporation. Boron containing rapid solidification alloy and method of making the same. 4,533,389, 8-6-85, Cl. 75-123.00B.
- Kapoor, Deepak: *See*—
  - Wan, Chung-Chu; Wang, Rong Y.; and Kapoor, Deepak, 4,523,950, Cl. 75-123.00B.
- Kapoor, Virendra N.: *See*—
  - Altares, Romulo A.; Gibson, David S.; Goyda, Michael A.; Hegadorn, Joseph L.; and Kapoor, Virendra N., 4,548,045, Cl. 62-63.000.
- Kaporovich, Vladimir G.: *See*—
  - Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.
- Kaporovich, Vladimir V.: *See*—
  - Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.
- Kapp & Co. Werkzeugmaschinenfabrik: *See*—
  - Lorenz, Manfred, 4,533,812, Cl. 219-121.0LH.
- Kapp, David C.: *See*—
  - Birkmeyer, William J.; Gray, Ralph C.; Dowbenko, Rostyslaw; Kapp, David C.; VanBuskirk, Ellor J.; and Maska, Rudolf, 4,517,322, Cl. 523-501.000.
- Kapp, John P.; and Smith, Robert R. Prosthetic vertebral body. 4,554,914, 11-26-85, Cl. 128-92.00C.
- Kappertz, Fritz: *See*—
  - Zylbert, Thaddeus J.; Fuhrmann, Wolf-Dieter; Hammer, Hans; and Kappertz, Fritz, 4,519,330, Cl. 112-222.000.
- Kapphahn, John M. Sickle guard aligning tool. 4,541,267, 9-17-85, Cl. 72-458.000.
- Kappl, Gerhard; Kranner, Helmut; and Lihl, Reinhard, to C. Reichert Optische Werke AG. Drive-control system for a microtome, in particular an ultramicrotome. 4,516,459, 5-14-85, Cl. 83-713.000.
- Kapral, Christopher W., to GTE Communications Products Corporation. Charge redistribution A-law PCM decoder. 4,507,650, 3-26-85, Cl. 340-347.0DA.
- Kapral, Christopher W.; and Cooperman, Michael, to GTE Automatic Electric Laboratories Incorporated. Floating node stabilizing circuit for a switched-capacitor circuit and filter. 4,508,982, 4-2-85, Cl. 307-572.000.
- Kapral, Christopher W., to GTE Communications Products Corporation. Charge redistribution mu-law PCM decoder. 4,513,279, 4-23-85, Cl. 340-347.0DA.
- Kapral, Christopher W., to GTE Automatic Electric Laboratories Incorporated. Integratable D/A converter. 4,521,762, 6-4-85, Cl. 340-347.0DA.
- Kapral, Christopher W., to GTE Automatic Electric Laboratories Incorporated. Integratable D/A converter. 4,523,179, 6-11-85, Cl. 340-347.0DA.
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- Kapralis, Imants P.; and Krukle, Harry. Heat producing mask and method of use. 4,559,047, 12-17-85, Cl. 604-291.000.
- Kapucinski, Vernon. Dip net and minnow bucket aerator. 4,502,240, 3-5-85, Cl. 43-11.000.
- Kapur, Jagdish C.; and Fasel, Herman P., to Gist-Brocades N.V. Dehalogenation process of a penicillanic acid derivative. 4,554,104, 11-19-85, Cl. 260-245.20R.
- Kapur, Jagdish C.: *See*—
  - Henniger, Peter W.; van der Drift, Johannes K.; Kapur, Jagdish C.; and Fasel, Herman P., 4,528,135, Cl. 260-245.20R.
- Kaputsky, Fedor N.: *See*—
  - Ermolenko, Igor N.; Koshevar, Vasily D.; Nedzvetsky, Viktor S.; Savastenko, Galina N.; Siderko, Valentina M.; Kaputsky, Fedor N.; Komar, Valentina V.; and Nadievskaya, Juzefa I., 4,546,063, Cl. 430-269.000.
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- Kar, Kishore K., to Dow Chemical Company, The. Lithium stearate aluminate as lubricant additive. 4,519,924, 5-28-85, Cl. 252-35.000.
- Kar, Nareshchandra J.; and Roth, Cary A., to Smith International, Inc. Hermetically welded belleville seal for rocks bits. 4,560,175, 12-24-85, Cl. 277-92.000.
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  - Champlin, Keith S.; and Kar, Pradip C., 4,561,088, Cl. 370-16.000.
- Kara, Stephen, to SSK Enterprises, Inc. Head cleaner for floppy disk drive. 4,558,386, 12-10-85, Cl. 360-128.000.
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  - Tomko, Bela; Marai, Geza; and Karacsonyi, Bela, 4,499,110, Cl. 426-69.000.
  - Vajda, Gabor; Ravasz, Laszlo; Karacsonyi, Bela; and Tabajdi, Gabor, 4,493,853, Cl. 426-582.000.
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  - Kade, Alexander; and Karadsheh, Sam M., 4,509,611, Cl. 180-79.100.
  - Kade, Alexander; and Karadsheh, Sam M., 4,540,923, Cl. 318-561.000.
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  - Amato, Joseph S.; Weinstock, Leonard M.; and Karady, Sandor, 4,508,921, Cl. 562-443.000.
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  - Yamauchi, Mineo; and Karahashi, Yoshimitu, 4,553,330, Cl. 33-164.00R.
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  - Kondo, Takashi; Sakai, Chikaaki; and Karakawa, Tadashi, 4,533,359, Cl. 8-128.00R.
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- Karaki, Kouichi, to Olympus Optical Co., Ltd. Device for varying laser output. 4,530,098, 7-16-85, Cl. 372-9.000.
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  - Longley, Kermit D.; and Karalis, Anastasios, 4,540,807, Cl. 560-151.000.
- Karamanski, Stefan D.: *See*—
  - Iliev, Maxim D.; Kervanbashiev, Stoyu S.; Karamanski, Stefan D.; and Makedonski, Frederik M., 4,532,431, Cl. 290-4.00R.

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- Karamon, Robert J.; and Allen, Robert T., to Herff Jones, Inc. Yellow gold alloy. 4,557,895, 12-10-85, Cl. 420-587.000.
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  - Misra, Raj N.; and Karanewsky, Donald S., 4,555,520, Cl. 514-346.000.
  - Varma, Ravi K.; and Karanewsky, Donald S., 4,528,138, Cl. 260-397.450.
  - Weller, Harold N., III; Gordon, Eric M.; Karanewsky, Donald S.; and Ryono, Denis E., 4,512,988, Cl. 514-211.000.
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  - Carbo, Adelaida L.; Good, Raymond H.; and Karas, Richard J., 4,507,339, Cl. 428-35.000.
- Karasaki, Toshihiko; Mukai, Hiromu; and Kawamura, Kunio, to Minolta Camera Kabushiki Kaisha. Focus condition detection device for cameras. 4,529,287, 7-16-85, Cl. 354-406.000.
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  - Kawamura, Kunio; Mukai, Hiromu; and Karasaki, Toshihiko, 4,526,458, Cl. 354-406.000.
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  - Nanba, Yasuhiro; Gotoh, Takayuki; Yamakawa, Eiji; and Karasaki, Toshihiko, 4,496,834, Cl. 250-211.00R.
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  - Muto, Kenji; Karasawa, Akira; Kuroda, Tokuyuki; and Nakamizo, Nobuhiro, 4,501,748, Cl. 514-318.000.
- Karasawa, Hideyuki: *See—*
  - Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.
- Karasawa, Hiroyuki: *See—*
  - Yoshie, Atsuyoshi; and Karasawa, Hiroyuki, 4,528,052, Cl. 156-117.000.
- Karasawa, Hisashi: *See—*
  - Shigenobu, Hiromichi; Nakabayashi, Takao; Akiyama, Kitio; Miida, Masao; and Karasawa, Hisashi, 4,506,596, Cl. 99-289.00T.
- Karasawa, Kazuo, to Nissan Motor Company, Limited. Breather for electrical apparatus. 4,544,166, 10-1-85, Cl. 277-57.000.
- Karasawa, Masafusa. Method and apparatus for purification and activation of water. 4,501,661, 2-26-85, Cl. 210-223.000.
- Karasawa, Shuichi: *See—*
  - Sakuma, Seiti; and Karasawa, Shuichi, 4,521,504, Cl. 430-57.000.
- Karasawa, Tadahiko: *See—*
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- Karasawa, Tadayoshi; Kawano, Katsumi; Uchiyama, Katsuji; and Yamazaki, Michio, to Japan Metals & Chemicals Co., Ltd.; and Magune Co., Ltd. Process for producing magnetic metallic oxide. 4,543,197, 9-24-85, Cl. 252-62.560.
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  - Ikekame, Hiroo; and Karasawa, Yasuo, 4,494,173, Cl. 361-429.000.
- Karasawa, Yoshiharu; and Takata, Yoshinori, to Hitachi, Ltd. Maltose sensor. 4,547,280, 10-15-85, Cl. 204-403.000.
- Karasek, Keith R.: *See—*
  - Amateau, Maurice F.; and Karasek, Keith R., 4,508,158, Cl. 164-110.000.
- Karash, Karl, to GenRad, Inc. Shunt-foldback voltage source. 4,520,416, 5-28-85, Cl. 361-11.000.
- Karashima, Takato; and Zaitsu, Hiroshi, to Hitachi Maxell, Ltd. Magnetic recording medium. 4,554,606, 11-19-85, Cl. 360-131.000.
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- Karato, Kenji: *See—*
  - Nakamura, Masao; and Karato, Kenji, 4,541,467, Cl. 152-548.000.
- Karavaev, Alexandr A.: *See—*
  - Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; and Karavaev, Alexandr A., 4,515,157, Cl. 128-303.00R.
  - Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; Karavaev, Alexandr A.; and Yakushev, Vladimir M., 4,534,348, Cl. 128-305.000.
- Karayannis, Nicholas M.: *See—*
  - Johnson, Bryce V.; Karayannis, Nicholas M.; and Skryantz, John S., 4,526,882, Cl. 502-105.000.
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  - Perl, Horst; Karbachsch, Massoud; Pradel, Gunter; and Reulecke, Fritz, 4,529,419, Cl. 55-158.000.
- Karbo, Donald J.: *See—*
  - Abrams, Bernard W.; and Karbo, Donald J., 4,546,960, Cl. 267-136.000.
- Karbowniczek, Stanley: *See—*
  - Mulcahy, Harry W.; Garivaltis, Dimitris; Karbowniczek, Stanley; and Kaufhold, Horst T., 4,552,074, Cl. 105-224.100.
- Karbstein, Peter, to ACO Severin Ahlmann GmbH & Co. KG. Draining ditch for draining of roadways. 4,560,302, 12-24-85, Cl. 404-4.000.
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  - Yoo, Jin S.; Karch, John A.; Poss, Richard F.; and Burk, Emmett H., Jr., 4,522,937, Cl. 502-302.000.
- Karcher, Alfred. Progressive liquid distributor. 4,502,567, 3-5-85, Cl. 184-7.400.
- Kardash, John: *See—*
  - Lawson, Robert; Augustus, Jimmie R.; Corless, Robert; and Kardash, John, 4,508,939, Cl. 179-90.00B.
- Kardashian, Vahram S.: *See—*
  - Huston, Dennis L.; Kardashian, Vahram S.; and Mones, Arthur H., 4,498,954, Cl. 156-651.000.
- Kardinal, Hans-Joachim, to Siemens Aktiengesellschaft. Pneumatic dispatch system having a plurality of forwarding tube paths and an arrangement to transfer between two tube paths. 4,516,888, 5-14-85, Cl. 406-182.000.
- Kardinal, Hans-Joachim; Lehmann, Herbert; and Dziggel, Klaus-Peter, to Siemens Aktiengesellschaft. Installation for destination adjustment of destination identification marks for receptacles. 4,552,072, 11-12-85, Cl. 104-88.000.
- Kardon, Donald R. Adhesively bonded electroluminescent system. 4,560,902, 12-24-85, Cl. 313-502.000.
- Kardos, Julianna; Maksay, Gabor; and Simonyi, Miklos, to MTA Kozponti Kemiai Kutato Intezet. Process and preparation for the quantitative determination of substances able to bind to cerebral receptors and a process for preparing the preparation. 4,528,131, 7-9-85, Cl. 260-112.00R.
- Kardys, Joseph A., to Pfizer Inc. Process and intermediates for production of benzothiazine carboxamides. 4,536,573, 8-20-85, Cl. 544-49.000.
- Karg, Daniel W.: *See—*
  - Bull, Jeffrey F.; Karg, Daniel W.; and Winiasz, Michael E., 4,535,675, Cl. 87-29.000.
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  - Bull, Jeffrey F.; and Winiasz, Michael E., 4,529,147, Cl. 242-156.200.
  - Bull, Jeffrey F.; and Winiasz, Michael E., 4,535,672, Cl. 87-29.000.
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- Karg, Roland; and Sattelmaier, Helmut, to Ytron Dr. Karg GmbH. Apparatus for the continuous mixing of pulverulent substances with liquids. 4,511,256, 4-16-85, Cl. 366-165.000.
- Karhola, Arvo K.: *See—*
  - Lehtinen, Jukka A.; Karhola, Arvo K.; and Griner, Walter H., 4,558,960, Cl. 384-373.000.
- Karhumaki, Markku; and Jarvinen, Rauno. Spike plate and method and device for manufacturing it. 4,527,933, 7-9-85, Cl. 411-463.000.
- Kariakin, Joseph A., to Novi Development Corporation. Method for molding concrete slabs and battery mold therefor. 4,534,924, 8-13-85, Cl. 264-259.000.
- Kariatsumari, Keiichiro; and Hirai, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Microwave power amplifier/combiner. 4,514,699, 4-30-85, Cl. 330-53.000.
- Karickhoff, John R., to Surgidev Corporation. Hand-held keratometer. 4,491,398, 1-1-85, Cl. 351-211.000.
- Karin, Michael: *See—*
  - Fogel, Seymour; Welch, Juliet W.; and Karin, Michael, 4,511,652, Cl. 435-29.000.
- Karino, Kimiji; and Kosuge, Tokuo, to Hitachi, Ltd. Fuel injection system. 4,546,748, 10-15-85, Cl. 123-494.000.
- Karino, Saburo; and Ishida, Yoshiaki, to Dainippon Ink and Chemicals, Inc. Process for producing composite plastic pipe. 4,515,737, 5-7-85, Cl. 264-22.000.
- Karino, Yukio: *See—*
  - Ono, Mitsunori; Itoh, Isamu; Mihayashi, Keiji; and Karino, Yukio, 4,500,636, Cl. 430-566.000.
- Karis, Arthur T.: *See—*
  - Frye, Kenneth G.; and Karis, Arthur T., 4,539,072, Cl. 162-197.000.
- Karisch, Edward P.: *See—*
  - Moore, Robert A.; and Karisch, Edward P., 4,524,325, Cl. 324-375.000.
- Karita, Toshiaki: *See—*
  - Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,491,853, Cl. 346-76.0PH.
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- Kariu, Keiki: *See—*
  - Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, 4,559,034, Cl. 604-52.000.

Kariya, Izumi; and Eguchi, Yzsuhito, to Sony Corporation. Thermal printing system. 4,540,991, 9-10-85, Cl. 346-76.0PH.
Kariya, Izumi: *See—*
Eguchi, Yasuhito; and Kariya, Izumi, 4,492,482, Cl. 400-120.000.
Kariya, Michio: *See—*
Ogino, Makoto; Futami, Toshihiko; Kariya, Michio; Ichimura, Takeo; and Fujiu, Takamitsu, 4,497,629, Cl. 433-201.000.
Kariya, Takashi: *See—*
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Kariyama, Kenji: *See—*
Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, 4,552,312, Cl. 239-585.000.
Kariyone, Kazuo: *See—*
Takagi, Hirofumi; Kunugita, Kiyohiko; Sawai, Hideki; and Kariyone, Kazuo, 4,504,471, Cl. 514-18.000.
Karjalainen, Arto J.; and Kurkela, Kauko O. A., to Farmos Yhtyma Oy. Substituted imidazole derivatives and their use as anti-thrombosis agents. 4,514,412, 4-30-85, Cl. 514-397.000.
Karjalainen, Arto J.; and Kurkela, Kauko O. A., to Farmos Group Ltd. Antihypertensive substituted imidazole derivatives. 4,544,664, 10-1-85, Cl. 514-396.000.
Karjalainen, Arto J.: *See—*
Kurkela, Kauko O. A.; and Karjalainen, Arto J., 4,517,198, Cl. 514-400.000.
Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., 4,556,677, Cl. 514-651.000.
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Karkkainen, Jouko: *See—*
Uomala, Vilho; Karkkainen, Jouko; and Sandstrom, Kjell, 4,509,719, Cl. 251-214.000.
Karklin, Roland: *See—*
Whiteside, Robert C.; Arends, Albert W.; and Karklin, Roland, 4,555,377, Cl. 264-292.000.
Karkossa, Horst: *See—*
Stopp, Gerhard; Karkossa, Horst; and Trescher, Viktor, 4,508,920, Cl. 562-423.000.
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Karl Becker GmbH & Co. KG: *See—*
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Karl, Curtis L., to Henkel Corporation. Synergistic thickener mixtures of amps polymers with other thickeners. 4,540,510, 9-10-85, Cl. 252-315.300.
Karl Fischer Industrienlagen GmbH: *See—*
Gerking, Luder; and Panke, Gunter, 4,540,774, Cl. 528-502.000.
Karl, Heinz-Dietmar: *See—*
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Karl Kassbohrer Fahrzeugwerke BmbH: *See—*
Haug, Walter; and Zambelli, Hans D., 4,560,303, Cl. 404-118.000.
Karl Kassbohrer Fahrzeugwerke GmbH: *See—*
Haug, Walter, 4,509,768, Cl. 280-479.00R.
Scheibel, Horst; and Haug, Walter, 4,523,398, Cl. 37-220.000.
Wieland, Erwin H.; and Haug, Walter, 4,559,725, Cl. 37-197.000.
Karl Kuntze (GmbH & Co.): *See—*
Kuntze, Richard, 4,555,854, Cl. 33-138.000.
Karl Lautenschlager KG, Mobelbeschlagfabrik: *See—*
Lautenschlager, Gerhard W., 4,499,631, Cl. 16-370.000.
Lautenschlager, Gerhard W., 4,506,409, Cl. 16-238.000.
Lautenschlager, Karl; Lautenschlager, Horst; and Lautenschlager, Gerhard, 4,517,706, Cl. 16-238.000.
Lautenschlager, Karl, Jr.; and Lautenschlager, Horst, 4,500,140, Cl. 308-3.800.
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Lautenschlager, Karl, Jr., 4,509,882, Cl. 403-402.000.
Lautenschlager, Karl, Jr., 4,549,831, Cl. 403-231.000.
Karl Leibinger Medizintechnik GmbH & Co.: *See—*
Leibinger, Karl, 4,512,498, Cl. 220-371.000.
Karl Lumberg GmbH & Co.: *See—*
Fiedler, Karl E.; and Fuchs, Helmut, 4,541,679, Cl. 339-97.00P.
Karl Mayer Textilmaschinenfabrik GmbH: *See—*
Bogucki-Land, Bogdan, 4,525,905, Cl. 28-185.000.
Bogucki-Land, Bogdan, 4,528,631, Cl. 364-470.000.
Wilkens, Christian, 4,518,640, Cl. 428-102.000.
Karl Meinig KG: *See—*
Meinig, Manfred, 4,516,797, Cl. 285-405.000.
Meinig, Manfred, 4,552,388, Cl. 285-363.000.
Karl Mengele & Sohne: *See—*
Reiff, Harro, 4,520,933, Cl. 209-606.000.
Karl, Otto, to Veitscher Magnesitwerke-actien-Gesellschaft. Prismatic refractory brick for glass melting furnace chambers. 4,540,039, 9-10-85, Cl. 165-9.400.
Karl Otto Braun Kg, Firma: *See—*
Schafer, Ewald; and Jung, Harald, 4,542,739, Cl. 128-156.000.
Karl Ove Nyberg: *See—*
Moberg, Kurt E. L., 4,546,956, Cl. 251-149.600.
Karl Schaeff GmbH & Co.: *See—*
Schaeff, Hans, 4,502,709, Cl. 280-758.000.
Karl Schmidt Fabrik fur Giessereibedarf GmbH & Co.: *See—*
Baetz, Wolfgang; Graefer, Albrecht; and Low, Edgar, 4,545,421, Cl. 164-397.000.
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Bauer, Wolfgang; and Grosser, Werner, 4,510,821, Cl. 74-552.000.
Gleichaut, Winfried; Gunther, Oswin; Hoffmann, Dietrich; and Funke, Rolf, 4,532,868, Cl. 102-527.000.
Mielke, Siegfried, 4,562,327, Cl. 219-76.110.
Sander, Wilfried; and Mielke, Siegfried, 4,495,684, Cl. 29-156.50R.
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Johl, Armin, 4,522,047, Cl. 70-69.000.
Karlberg, Bo I.; and Thelander, Sidsel, to Bifok AB. Process for flow injection extraction. 4,546,088, 10-8-85, Cl. 436-178.000.
Karlen, Urs; Putzar, Roland; and Schaulin, Rudolf, to Ciba-Geigy Corporation. Dye mixture of 1,4-diamino anthraquinone-N-gamma-methoxy propyl-2,3-dicarboximide and 1,4-diamino anthraquinone-N-methoxyethoxy propyl-2,3-dicarboximide, processes for producing it, useful for dyeing and printing hydrophobic fiber materials. 4,550,178, 10-29-85, Cl. 548-426.000.
Karlheinz, Farber: *See—*
Nelzow, Harunann; Karlheinz, Farber; and Deininger, Anton, 4,496,078, Cl. 222-87.000.
Karlik, Richard L., to Nappi Trucking Corp. Apparatus for transporting truck tractors and truck units. 4,493,491, 1-15-85, Cl. 280-402.000.
Karliner, Rudolf: *See—*
Kille, Ewald; and Karliner, Rudolf, 4,551,037, Cl. 401-146.000.
Karliner, Rudolf R.; and Carlin, Samuel R., to Wagner Spray Tech Corporation. Paint dispensing system including roller with drip trough. 4,551,036, 11-5-85, Cl. 401-131.000.
Karliner, Rudy R.; and Peterson, Gerald E., to Wagner Spray Tech Corporation. Masking tape applicator. 4,511,427, 4-16-85, Cl. 156-523.000.
Karliner, Rudy R.: *See—*
Tsals, Izrail; Peterson, Gerald E.; Karliner, Rudy R.; Carpenter, Scott R.; and Frank, Peter L., 4,559,661, Cl. 15-93.00R.
Karlinsky, David: *See—*
Meshman, Boris; Kerekes, Thomas A.; Green, Lawrence S.; and Karlinsky, David, 4,550,374, Cl. 364-490.000.
Karloske, Joan E.: *See—*
Cordts, Howard P.; and Karloske, Joan E., 4,517,326, Cl. 524-310.000.
Karlotski, Robert J.; Lekebush, Ronald C.; and Kulik, Joseph S., Jr., to GTE Products Corporation. Arc discharge lamp with improved starting capabilities, improved efficacy and maintenance, and line-of-sight arched arc tube for use therewith. 4,498,027, 2-5-85, Cl. 313-634.000.
Karlovsky, Jerry, to National Mine Service Company. Mining machine with dust collector apparatus. 4,531,784, 7-30-85, Cl. 299-64.000.
Karls, Michael A., to Brunswick Corporation. Flushing device for outboard motors. 4,540,009, 9-10-85, Cl. 134-167.00R.
Karlsberg, Jerry J. Credit card hair comb. 4,513,842, 4-30-85, Cl. 132-11.00R.
Karlsen, Oystein: *See—*
Stahl, Torbjorn; Hektoen, Per; and Karlsen, Oystein, 4,528,054, Cl. 156-226.000.
Karlsen, Stig, to Figgie International Inc. Brace lock for scaffolding. 4,493,394, 1-15-85, Cl. 182-179.000.
Karlson, Eskil L. Sterilizer. 4,517,159, 5-14-85, Cl. 422-20.000.
Karlsson, Axel T.: *See—*
Nolan, James D.; and Karlsson, Axel T., 4,499,850, Cl. 118-406.000.
Nolan, James D.; and Karlsson, Axel T., 4,507,332, Cl. 427-67.000.
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Karlsson, Gunvor B. T.: *See—*
Mathiesen, Mait M.; Gillberg, Lars I.; Hellsten, Karl M. E.; and Karlsson, Gunvor B. T., 4,496,367, Cl. 44-51.000.
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Karlsson, Mats: *See—*
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  - West, John D.; Trainor, James E.; and Karman, James D., 4,550,244, Cl. 219-158.000.
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  - Hamel, Peter; and Karmann, Rudiger, 4,525,784, Cl. 364-434.000.
- Karmann, Werner: *See—*
  - Hofeditz, Wolfgang; Hornig, Joachim; and Karmann, Werner, 4,552,138, Cl. 128-156.000.
- Karmazin Products Corporation: *See—*
  - Woodhull, Ivan D., Jr.; and Liedel, Thomas H., 4,509,672, Cl. 228-175.000.
- Karmell, Yale: *See—*
  - Pala, Jerome; Karmell, Yale; and Muzyczko, Thaddeus M., 4,492,012, Cl. 29-148.40D.
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- Karnes, Roy E., Jr.; McCaskill, Rex A.; and Nguyen, Khoa D., to International Business Machines Corporation. Printing with a data stream including merged graphic and alphanumeric data. 4,555,773, 11-26-85, Cl. 364-900.000.
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- Karns, Albert L.; and Jennings, Robert M. Drip coffee making kit. 4,506,597, 3-26-85, Cl. 99-295.000.
- Karny, Ziv: *See—*
  - Kafri, Oded; Karny, Ziv; and Meyerstein, Dan, 4,553,839, Cl. 356-300.000.
- Karol, Frederick J.: *See—*
  - Beran, Debra L.; Cann, Kevin J.; Jorgensen, Robert J.; Karol, Frederick J.; Maraschin, Norma J.; and Marcinkowsky, Arthur E., 4,508,842, Cl. 502-112.000.
  - Johnson, Robert N.; and Karol, Frederick J., 4,540,758, Cl. 526-130.000.
- Karol, Herman S.: *See—*
  - Lamb, Miles P.; and Karol, Herman S., 4,525,095, Cl. 403-16.000.
- Karol, Thomas J.; and Sung, Rodney L., to Texaco Inc. Detergent fuel composition containing alkenylsuccinimide oxamides. 4,501,597, 2-26-85, Cl. 44-63.000.
- Karol, Thomas J., to Texaco Inc. Lubricant compositions containing both hydrocarbyl substituted mono and bissuccinimide having polyamine chain linked hydroxacyl radicals, and neopentyl derivative. 4,521,318, 6-4-85, Cl. 252-46.700.
- Karol, Thomas J.; Sung, Rodney L.; and Kaufman, Benjamin J., to Texaco Inc. Succinimide derivatives as additives in lubricating oils. 4,548,724, 10-22-85, Cl. 252-51.50A.
- Karol, Thomas J.; and Magaha, Harold S., to Texaco Inc. Borate esters of hydrocarbyl-substituted mono- and bis-succinimides containing polyamine chain linked hydroxyacyl groups and lubricating oil compositions containing same. 4,554,086, 11-19-85, Cl. 252-49.600.
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  - Sung, Rodney L.; and Karol, Thomas J., 4,501,595, Cl. 44-57.000.
  - Sung, Rodney L.; and Karol, Thomas J., 4,533,361, Cl. 44-73.000.
- Karonite Chemical Co., Ltd.: *See—*
  - Nakano, Takaharu; Mochizuki, Akihiro; Nakazato, Morikuni; and Tsuneno, Tatsuro, 4,530,771, Cl. 252-49.600.
- Karos, Lisa M. Pierced ear cleaning and sterilizing apparatus. 4,497,402, 2-5-85, Cl. 206-210.000.
- Karp, Arthur, to Varian Associates, Inc. Velocity tapering of comb-quad traveling-wave tubes. 4,558,256, 12-10-85, Cl. 315-3.500.
- Karpati, Egon: *See—*
  - Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
  - Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Zajer nee Balazs, Maria; Kiss, Bela; Ezer, Elemer; Karpati, Egon; and Szporny, Laszlo, 4,549,020, Cl. 546-51.000.
- Karpati, Marianna: *See—*
  - Huhn, Magda; Szabo, Gabor; Dvortsak, Peter; Karpati, Marianna; and Somfai, Eva, 4,508,658, Cl. 260-465.00D.
- Karpe, Wolfgang; Kluge, Johannes; and Hasselmann, Heinz, to Mannesmann Aktiengesellschaft. Twin-circuit breaker. 4,506,242, 3-19-85, Cl. 335-120.000.
- Karpenko, Anatole N., to Anchor/Darling Valve Company. Vacuum breaker valve with internally balanced disc. 4,502,503, 3-5-85, Cl. 137-527.800.
- Karpetsky, Timothy P.; and Brown, Glenn E., to United States of America, Health and Human Services. Isoelectric focussing-polynucleotide/polyacrylamide gel electrophoresis. 4,495,279, 1-22-85, Cl. 435-6.000.
- Karpiloff, Kenneth M., to Duracell Inc. Method for making decorated battery casings. 4,511,416, 4-16-85, Cl. 156-69.000.
- Karpis, John J. Fluid flow regulator. 4,545,401, 10-8-85, Cl. 137-487.000.
- Karpisek, Ladislav S. Stretch wrapping apparatus. 4,546,598, 10-15-85, Cl. 53-556.000.
- Karpitsky, Viktor S.: *See—*
  - Stepanenko, Alexandr V.; Voitov, Vladimir G.; Klimenkov, Stepan S.; Bartashevich, Svyatoslav A.; and Karpitsky, Viktor S., 4,545,229, Cl. 72-73.000.
- Karplus, Henry B.: *See—*
  - Claytor, Thomas N.; and Karplus, Henry B., 4,542,644, Cl. 73-61.00R.
- Karpol, Avner: *See—*
  - Nun, Emmanuel B.; Izhar, Rafi; and Karpol, Avner, 4,555,727, Cl. 358-106.000.
- Karpov, Victor. Air mattress. 4,541,135, 9-17-85, Cl. 5-455.000.
- Karpov, Vladimir F.: *See—*
  - Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Fvgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.
- Karpowicz, John L.; and Zielsdorf, Randall A., to Baxter Travenol Laboratories, Inc. Motor control system. 4,554,492, 11-19-85, Cl. 318-309.000.
- Karr, Dieter: *See—*
  - Bruggen, Gerhard; Karr, Dieter; and Rottler, Wolfgang, 4,561,064, Cl. 364-561.000.
- Karr, Edward J. Rope clamping device. 4,493,134, 1-15-85, Cl. 24-132.0WL.
- Karr, Gerald S.: *See—*
  - Smith, Jay, III; and Karr, Gerald S., 4,500,879, Cl. 340-739.000.
  - Smith, Jay, III; and Karr, Gerald S., 4,504,062, Cl. 273-313.000.
- Karr, Gerald W.; and Muller, Gernot, to Beloit Corporation. Supercalender edge nip relieving. 4,501,197, 2-26-85, Cl. 100-35.000.
- Karr, Michael A., Jr.: *See—*
  - Mitcham, John P.; and Karr, Michael A., Jr., 4,534,235, Cl. 74-128.000.
- Karr, Steven G.: *See—*
  - Barber, William D.; Eberhard, Jeffrey W.; and Karr, Steven G., 4,542,657, Cl. 73-861.250.
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- Karrer, Friedrich, to Ciba-Geigy Corporation. Polyalkylpiperidine esters of aliphatic tetracarboxylic acids. 4,532,279, 7-30-85, Cl. 524-102.000.
- Karrer, Friedrich, to Ciba-Geigy Corporation. N-(polyalkylpiperidinyl)-carbamates of polyols. 4,556,714, 12-3-85, Cl. 546-190.000.
- Karrer, Friedrich: *See—*
  - Slongo, Mario; and Karrer, Friedrich, 4,537,923, Cl. 524-100.000.
- Karrer, Fritz. Method of liquid treatment of textile fiber material. 4,543,676, 10-1-85, Cl. 8-149.100.
- Karst, Daniel; Strege, Gary; and Larsen, E. Richard, to Maysteel Corporation. Backshelf compensating exhaust hood apparatus. 4,541,409, 9-17-85, Cl. 126-299.00D.
- Karsten Solheim: *See—*
  - Valehrach, Emil M., 4,555,028, Cl. 209-599.000.
- Karsunky, Ulrich: *See—*
  - Ong, Sienling; Karsunky, Ulrich; and Schmidt, Helmut, 4,523,922, Cl. 8-471.000.
- Kartavtsev, Viktor M.: *See—*
  - Bukhteev, Pavel I.; Posleider, Grigory Y.; Kartavtsev, Viktor M.; and Bytsak, Vladimir S., 4,501,059, Cl. 29-564.500.
- Kartenbeck, Jurgen, to Deutsches Krebsforschungszentrum Stiftung Des Offentichen Rechts. Electrophoretic apparatus for the quantitative elution of proteins or polypeptides from a gel. 4,552,640, 11-12-85, Cl. 204-301.000.
- Kartridg Pak Co., The: *See—*
  - Bloome, James A.; Meeker, Rick A.; Whicker, Jerry T.; and Foreman, Frederick J., 4,499,624, Cl. 15-97.00R.
  - Bloome, James A.; and Shaw, Jimmie, 4,546,927, Cl. 241-74.000.
  - Leonard, George E., 4,532,968, Cl. 141-5.000.
- Karubian, Ralph, to Kentmaster Manufacturing Co., Inc. Reversible carcass saw. 4,502,184, 3-5-85, Cl. 17-23.000.
- Karulkar, Pramod C., to Rockwell International Corporation. Method for making a reliable ohmic contact between two layers of integrated circuit metallizations. 4,507,852, 4-2-85, Cl. 29-590.000.
- Karustis, George A.: *See—*
  - Wilcox, Jeannine; and Karustis, George A., 4,552,628, Cl. 204-47.000.
- Karvas, Milan: *See—*
  - Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.
- Karvinen, Mikko; and Laapotti, Jorma, to Valmet Oy. Press section with separate press nips in a paper machine. 4,526,655, 7-2-85, Cl. 162-360.100.
- Karwacki, Francis A.; and Griffin, Joseph, to United States of America, Navy. Nuclear magnetic resonance gyroscope. 4,509,014, 4-2-85, Cl. 324-305.000.
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- Karwan, Steven J. Method for surface treating copper foil. 4,549,940, 10-29-85, Cl. 204-13.000.

Karwat, Heinz, to Linde Aktiengesellschaft. Method and apparatus for regulating the NH_3 content in scrubbing liquid used in a gas scrubbing process. 4,522,638, 6-11-85, Cl. 55-37.000.

Karwat, Heinz: *See*—
- Baur, Karl; and Karwat, Heinz, 4,492,676, Cl. 423-210.000.
- Lang, Roland; and Karwat, Heinz, 4,515,760, Cl. 423-220.000.

Karwowski, Jan, to Nabisco Brands, Inc. Process of preparing instant, flaked, wheat farina. 4,551,347, 11-5-85, Cl. 426-621.000.

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- Hara, Masanori; Sugawara, Sakuo; Yamazaki, Kisuke; and Kasagi, Hiroshi, 4,557,247, Cl. 126-99.00R.
- Matsuoka, Fumio; Iijima, Hitoshi; Yamazaki, Kisuke; Kasagi, Hiroshi; Nakashima, Yasuo; Sakuma, Kiyoshi; and Umehara, Mitsuo, 4,499,739, Cl. 62-212.000.

Kasagi, Kunisuke; and Kawashima, Machio, to Hitachi, Ltd. Color television receiver. 4,514,664, 4-30-85, Cl. 315-383.000.

Kasagi, Takao: *See*—
- Wakayama, Masao; Takemura, Makoto; and Kasagi, Takao, 4,500,360, Cl. 106-286.500.

Kasagi, Yoshitaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Matrix circuit for processing plural signals. 4,491,801, 1-1-85, Cl. 330-69.000.

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Kasahara, Hiroshi, to Nissin Kogyo Kabushiki Kaisha. Automotive tandem type master cylinder. 4,499,730, 2-19-85, Cl. 60-585.000.

Kasahara, Shin-ichi: *See*—
- Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,536,631, Cl. 219-10.770.
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- Takahashi, Akira; Kasahara, Shinju; and Hosokawa, Toshiaki, 4,529,903, Cl. 310-156.000.

Kasahara, Toshikazu; and Nishikawa, Tsutomu, to Idemitsu Petrochemical Co., Ltd. Process for the production of propylene block copolymers by a three step method. 4,550,145, 10-29-85, Cl. 525-267.000.

Kasahara, Yasushi: *See*—
- Soma, Kazunori; and Kasahara, Yasushi, 4,544,640, Cl. 436-506.000.
- Sugiyama, Masami; Shibuya, Hiroko; and Kasahara, Yasushi, 4,551,272, Cl. 260-112.50R.

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Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, to Nissan Motor Company, Limited; and Clarion Co., Ltd. Speaker for automotive audio system with vehicle panel utilized as sound amplifying medium. 4,499,340, 2-12-85, Cl. 179-115.5DV.

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Kasai, Junichi: *See*—
- Yanagishima, Takayuki; and Kasai, Junichi, 4,514,599, Cl. 179-181.00W.
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Kasai, Kazumi, to Nippon Notion Kogyo Co., Ltd. Strap guide for strap adjustment assembly. 4,520,533, 6-4-85, Cl. 24-198.000.

Kasai, Kazumi, to Yoshida Kogyo K.K. Slide fastener having discrete coupling elements. 4,520,535, 6-4-85, Cl. 24-410.000.

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Kasai Kogyo Co., Ltd.: *See*—
- Nagashima, Tsuneyasu; and Sato, Youji, 4,505,611, Cl. 403-406.000.

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- Esaki, Hiroshi, 4,554,856, Cl. 84-95.00C.

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Kasai, Masaji: *See*—
- Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.

Kasai, Masanao: *See*—
- Ito, Michio; Kitajima, Nobuo; Kasai, Masanao; and Ishihara, Shunichi, 4,551,003, Cl. 355-3.00R.

Kasai, Minoru: *See*—
- Nakamura, Minoru; and Kasai, Minoru, 4,539,796, Cl. 53-576.000.

Kasai, Shozo: *See*—
- Nishizawa, Hiroshi; Mukoyama, Yoshiyuki; Kasai, Shozo; and Okada, Yasunori, 4,505,980, Cl. 428-383.000.

Kasai, Shunichi: *See*—
- Ogata, Takashi; Hosaka, Hiroshi; and Kasai, Shunichi, 4,501,666, Cl. 210-688.000.

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Kasai, Takao: *See*—
- Waki, Masahiko; Umezawa, Seiji; Takasugi, Tsuneji; Koide, Hiroshi; and Kasai, Takao, 4,496,248, Cl. 368-280.000.

Kasai, Yoichi: *See*—
- Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.

Kasai, Yoshiaki; Hiraoka, Yasuo; Yuasa, Masaharu; Harada, Masataka; and Saito, Masao, to Fuji Jukogyo Kabushiki Kaisha. Fuel-vapor emission control system for an automotive engine. 4,527,532, 7-9-85, Cl. 123-520.000.

Kasai, Yoshiaki: *See*—
- Fukushima, Tatsuhisa; Kasai, Yoshiaki; and Nakamura, Mitsuo, 4,495,579, Cl. 364-431.070.
- Kudo, Ichiro; Kasai, Yoshiaki; and Yuasa, Masaharu, 4,535,739, Cl. 123-425.000.

Kasai, Yoshiharu: *See*—
- Ueda, Ikuo; Kato, Masayuki; and Kasai, Yoshiharu, 4,540,692, Cl. 514-225.000.

Kasai, Yoshihiko, to Fujitsu Limited. Ceramic resonator and a ceramic filter using the same. 4,511,202, 4-16-85, Cl. 333-189.000.

Kasai, Yoshihiko: *See*—
- Gounji, Takashi; Kawatsu, Teruo; Kasai, Yoshihiko; and Takeuchi, Chikao, 4,555,682, Cl. 333-189.000.

Kasama, Masatoshi; and Nakai, Kohzo, to Kinugawa Pacific Kabushiki Kaisha. Locking means for a fixing band of a diving mask. 4,527,292, 7-9-85, Cl. 2-452.000.

Kasama, Yasuo: *See*—
- Nakamura, Taku; and Kasama, Yasuo, 4,552,835, Cl. 430-523.000.

Kasamatsu, Kiyoshi; and Konishi, Hiroyuki, to Sumitomo Chemical Company, Limited. Use of trifluoromethanesulfonanilides. 4,518,594, 5-21-85, Cl. 514-155.000.

Kasamatsu, Mikizo. Circuit breaking element. 4,540,970, 9-10-85, Cl. 337-297.000.

Kasamura, Toshirou, to Canon Kabushiki Kaisha. Partially openable image forming apparatus. 4,542,976, 9-24-85, Cl. 355-3.00R.

Kasanami, Takeo: *See*—
- Yoshida, Iwao; Kasanami, Takeo; and Miura, Shuji, 4,519,963, Cl. 264-45.300.

Kasanami, Tohru; Tani, Hirozi; and Yokoi, Tsutomu, to Murata Manufacturing Co., Ltd. Carbon resistive paste. 4,547,310, 10-15-85, Cl. 252-511.000.

Kasanami, Tohru: *See*—
- Senda, Atsuo; Kasanami, Tohru; and Nakagawa, Takuji, 4,508,756, Cl. 427-81.000.

Kasari, Akira; Ohira, Kazuhiko; and Inoue, Hiroshi, to Kansai Paint Co., Ltd. Thermosetting metallic coating compositions. 4,530,958, 7-23-85, Cl. 524-512.000.

Kasatani, Hideo; and Fujiwara, Takashi, to Asahi Kasei Kogyo Kabushiki Kaisha. Polyester of substituted or unsubstituted phenoxyhydroquinone. 4,529,565, 7-16-85, Cl. 264-176.00R.

Kasbia, Puran S.; and Li, Yuan-Lu, to Northern Telecom Limited. Ground start detection in telephone loop signalling circuit. 4,535,201, 8-13-85, Cl. 179-18.0FA.

Kaschak, Ronald A.: *See*—
- Canestaro, Michael J.; Kaschak, Ronald A.; McBride, Donald G.; and Seraphim, Donald P., 4,554,184, Cl. 427-345.000.
- Chebiniak, Paul; Kaschak, Ronald A.; and Root, Lois J., 4,552,787, Cl. 427-304.000.

Kaschig, Jurgen; Kleiner, Eduard K.; Mueller, Karl F.; and Cooke, Thomas W., to Ciba-Geigy Corporation. Fluoroaliphatic-thio,-sulfinyl, or sulfonyl substituted bicycloaliphatic amic acid amine salts, and compositions and use thereof. 4,515,640, 5-7-85, Cl. 106-287.250.

Kaschke, Werner: *See*—
- Schwab, Heinrich; and Kaschke, Werner, 4,541,986, Cl. 422-5.000.

Kaschner, William C.; and Boholts, Elroy, Jr., to Besser Company. Article transfer apparatus. 4,505,630, 3-19-85, Cl. 414-152.000.

Kaschner, William C.; and Boholts, Elroy, Jr., to Besser Company. Article transfer apparatus. 4,553,893, 11-19-85, Cl. 414-152.000.

Kase, Hiroshi; Matsumoto, Yoshiaki; and Ohkawa, Kouji, to O-M Limited. Automatic tool change machine tool. 4,521,950, 6-11-85, Cl. 29-568.000.

Kase, Hiroshi: *See*—
- Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.
- Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.

Kase, Kiyoshi; and Fukuta, Masaru, to Motorola, Inc. Power on reset circuit for microprocessor. 4,553,054, 11-12-85, Cl. 307-597.000.

Kase, Oldrich; and Loucansky, Stanislav, to Elitex, koncern textilniho strojirenstvi. Apparatus for cleaning a rotor of an open-end spinning unit. 4,542,620, 9-24-85, Cl. 57-302.000.

- Kase, Toru: *See—*
  - Sasaki, Ichiro; Tsutsui, Yujiro; Inoue, Masaru; and Kase, Toru, 4,502,718, Cl. 292-336.300.
- Kasegawa, Norimichi: *See—*
  - Kitagawa, Junji; Akita, Shigeyuki; Kasegawa, Norimichi; and Nakamura, Akira, 4,522,278, Cl. 180-79.100.
- Kasei Naoetsu Light Metal Industries, Ltd.: *See—*
  - Mishima, Ryoji; and Miyamoto, Hitoshi, 4,531,977, Cl. 148-2.000.
- Kasei Optonix, Ltd.: *See—*
  - Fujino, Sigeo; Hase, Takashi; and Toshinai, Akio, 4,510,414, Cl. 313-468.000.
  - Kakita, Shusaku; and Yoshida, Thihiro, 4,534,885, Cl. 252-301.40P.
  - Kotera, Noboru; Eguchi, Shusaku; and Miura, Norio, 4,512,911, Cl. 252-301.40H.
  - Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,507,563, Cl. 250-486.100.
  - Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,529,647, Cl. 428-323.000.
  - Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,536,436, Cl. 428-212.000.
  - Miyazaki, Tomohiro; Tanaka, Hitoshi; Matsumoto, Goro; Matsuhisa, Noboru; and Omatoi, Susumu, 4,544,605, Cl. 428-404.000.
  - Yaguchi, Masachika; Mikami, Tomoki; and Hase, Takashi, 4,551,397, Cl. 428-691.000.
- Kaser, Adolf, to Ciba-Geigy Corporation. Process for dyeing paper. 4,515,599, 5-7-85, Cl. 8-685.000.
- Kaser, Klaus: *See—*
  - Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., 4,526,294, Cl. 222-47.000.
- Kaser, Peter: *See—*
  - Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,492,670, Cl. 419-9.000.
  - Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,544,524, Cl. 419-9.000.
- Kash, Maurice D. Adhesively secured anchor rod. 4,531,861, 7-30-85, Cl. 405-261.000.
- Kasha, Dan: *See—*
  - Altman, Sidney; and Kasha, Dan, 4,520,351, Cl. 340-574.000.
- Kashdan, David S., to Eastman Kodak Company. Process for the preparation of N-(2-(cyclo-hexen-1-yl)ethyl)-4-methoxybenzeneacetamide. 4,496,762, 1-29-85, Cl. 564-170.000.
- Kashigi, Kazuo, to Nippon Electric Co., Ltd. PAL digital video signal processing arrangement. 4,506,286, 3-19-85, Cl. 358-13.000.
- Kashihara, Tomio; Tsuruta, Toshiro; Yamaguchi, Masayoshi; Yokoi, Kiyotachi; and Suzuki, Etsuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for conveying a lead frame mounting semiconductor pellets. 4,516,673, 5-14-85, Cl. 198-341.000.
- Kashima, Koichi: *See—*
  - Yamaguchi, Toyohiko; Kashima, Koichi; Ozutsumi, Minoru; and Morinaga, Masaru, 4,504,651, Cl. 528-360.000.
- Kashima, Masao; and Tomuro, Noboru, to Mitsubishi Mining; and Cement Company Ltd. Dielectric ceramic composition. 4,522,927, 6-11-85, Cl. 501-139.000.
- Kashima, Masaru: *See—*
  - Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
- Kashima, Mikito: *See—*
  - Itatani, Hiroshi; Kashima, Mikito; and Suehiro, Tsutomu, 4,539,423, Cl. 560-204.000.
- Kashima Oil Company Limited: *See—*
  - Watanabe, Masami, 4,512,874, Cl. 208-44.000.
  - Watanabe, Masami, 4,529,498, Cl. 208-44.000.
  - Watanabe, Masami, 4,529,499, Cl. 208-44.000.
- Kashima, Osamu; and Shibata, Masamichi, to Nippondenso Co., Ltd. Ignition apparatus for internal combustion engines. 4,557,229, 12-10-85, Cl. 123-169.0EL.
- Kashima, Shinji: *See—*
  - Iizuka, Eiichi; Sando, Tomoji; and Kashima, Shinji, 4,547,257, Cl. 156-603.000.
  - Iizuka, Eiichi; Sando, Tomoji; Kashima, Shinji; and Maki, Masakazu, 4,551,195, Cl. 156-603.000.
- Kashima, Tusnehiro: *See—*
  - Hayashi, Yoshio; Aoyagi, Kouji; Sakurai, Toshio; Kashima, Tusnehiro; and Higeta, Koichi, 4,509,138, Cl. 364-900.000.
- Kashimoto, Kazuhisa: *See—*
  - Yanaihara, Noboru; Sugiura, Nobuo; and Kashimoto, Kazuhisa, 4,530,836, Cl. 514-16.000.
- Kashimoto, Yutaka; Kano, Masayuki; and Fukai, Toshimasa, to Kabushiki Kaisha Meidensha. Vacuum interrupter. 4,547,638, 10-15-85, Cl. 200-144.00B.
- Kashimoto, Yutaka: *See—*
  - Sakuma, Shinzo; Warabi, Junichi; Kano, Masayuki; and Kashimoto, Yutaka, 4,499,349, Cl. 200-144.00B.
- Kashino, Shinzo: *See—*
  - Eguchi, Jyutaro; Kashino, Shinzo; Odahara, Tetsuichi; and Sukenari, Gunzo, 4,497,162, Cl. 56-14.600.
- Kashio, Toshio, to Casio Computer Co., Ltd. Electronic musical instrument. 4,515,056, 5-7-85, Cl. 84-1.010.
- Kashioka, Seiji: *See—*
  - Sakou, Hiroshi; and Kashioka, Seiji, 4,491,962, Cl. 382-50.000.
  - Shima, Yoshihiro; Kashioka, Seiji; Uno, Takeshi; and Suzuki, Kunio, 4,494,139, Cl. 358-101.000.
- Kashiwa, Norio: *See—*
  - Toyota, Akinori; and Kashiwa, Norio, 4,547,552, Cl. 525-247.000.
  - Ueda, Takashi; and Kashiwa, Norio, 4,525,469, Cl. 502-125.000.
- Kashiwaba, Tadao, to Kabushiki Kaisha Sato. Automatic label winder. 4,534,518, 8-13-85, Cl. 242-56.00R.
- Kashiwaba, Tadao: *See—*
  - Sato, Yo; and Kashiwaba, Tadao, 4,498,950, Cl. 156-577.000.
  - Sato, Yo; Kashiwaba, Tadao; Matsuda, Yasuhiko; and Oikawa, Tadahisa, 4,505,773, Cl. 156-384.000.
  - Sato, Yo; Kashiwaba, Tadao; and Odajima, Akeshi, 4,552,610, Cl. 156-384.000.
  - Sato, Yo; Kashiwaba, Tadao; Sakurai, Masaru; Matsuda, Yasuhiko; and Kondo, Koichi, 4,560,087, Cl. 221-73.000.
- Kashiwabara, Akihiko, to Soshin Onkyo Works, Ltd. Coaxial type composite loudspeaker. 4,552,242, 11-12-85, Cl. 181-144.000.
- Kashiwabara, Susumu: *See—*
  - Mita, Akio; and Kashiwabara, Susumu, 4,495,082, Cl. 252-194.000.
- Kashiwada, Yasutoshi: *See—*
  - Chinone, Naoki; Kashiwada, Yasutoshi; Yamashita, Shigeo; and Aiki, Kunio, 4,506,366, Cl. 372-45.000.
- Kashiwagi, Atumi, to Fujimoto Photo Industrial Co., Ltd. Sheet feeder. 4,508,331, 4-2-85, Cl. 271-107.000.
- Kashiwagi, Hiromi: *See—*
  - Yamashita, Keitaro; and Kashiwagi, Hiromi, 4,496,240, Cl. 355-14.00D.
- Kashiwagi, Hiroo, to Toyota Jidosha Kabushiki Kaisha. Motor vehicle centering system. 4,498,243, 2-12-85, Cl. 33-203.120.
- Kashiwagi, Kazuo; and Shirai, Masanari, to Canon Kabushiki Kaisha. Web transport device. 4,496,117, 1-29-85, Cl. 242-191.000.
- Kashiwagi, Kazuo; and Toda, Takao, to Canon Kabushiki Kaisha. Projection apparatus for automatic correction of non-uniform illuminance distribution in image area of imaging plane. 4,519,694, 5-28-85, Cl. 355-5.000.
- Kashiwagi, Susumu: *See—*
  - Sasaki, Masafumi; Kashiwagi, Susumu; and Hiyoshi, Takanori, 4,513,569, Cl. 60-39.310.
- Kashiwagi, Takao: *See—*
  - Kobayashi, Hideo; Kashiwagi, Takao; Yoshimura, Kunimasa; and Mae, Hisao, 4,539,942, Cl. 123-41.100.
- Kashiwagi, Takashi, to Process Shizai Co., Ltd. Recording material containing a dyed thermally coagulatable proteinaceous compound. 4,554,239, 11-19-85, Cl. 430-270.000.
- Kashiwagi, Yoshiyuki; and Suzuki, Tsutai, to Kabushiki Kaisha Meidensha. Process for bonding copper or copper-chromium alloy to ceramics, and bonded articles of ceramics and copper or copper-chromium alloy. 4,500,383, 2-19-85, Cl. 156-285.000.
- Kashiwagi, Yoshiyuki; Sano, Takamitsu; and Kitakizaki, Kaoru, to Kabushiki Kaisha Meidensha. Electrical contact structure of a vacuum interrupter. 4,547,640, 10-15-85, Cl. 200-144.00B.
- Kashiwagi, Yoshiyuki; Noda, Yasushi; and Kitakizaki, Kaoru, to Kabushiki Kaisha Meidensha. Contact of vacuum interrupter and manufacturing process therefor. 4,554,425, 11-19-85, Cl. 200-144.00B.
- Kashiwahara, Katsuto: *See—*
  - Isa, Hitoshi; Kaneko, Ryoichi; and Kashiwahara, Katsuto, 4,550,569, Cl. 60-657.000.
  - Okabe, Akira; Urushidani, Haruo; and Kashiwahara, Katsuto, 4,519,207, Cl. 60-39.182.
- Kashiwai, Mikio, to Honda Giken Kogyo Kabushiki Kaisha. Rear wheel supporting system for motorcycle. 4,540,062, 9-10-85, Cl. 180-227.000.
- Kashiwaya, Mineo; and Yamada, Kinsaku, to Hitachi, Ltd. Air flow meter assembly. 4,495,802, 1-29-85, Cl. 73-118.000.
- Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, to Hitachi, Ltd. Engine control method. 4,524,739, 6-25-85, Cl. 123-339.000.
- Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, to Hitachi, Ltd. Fuel injection control apparatus for internal combustion engine. 4,528,964, 7-16-85, Cl. 123-492.000.
- Kashiwaya, Mineo: *See—*
  - Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Kashiwayama, Shinei. Dermatic medicament. 4,503,041, 3-5-85, Cl. 424-115.000.
- Kashiwayama, Shinei. Dermatic medicament. 4,554,161, 11-19-85, Cl. 424-115.000.
- Kashiwazaki, Susumu: *See—*
  - Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, 4,502,290, Cl. 62-229.000.
- Kashiyama, Hajime: *See—*
  - Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, 4,524,562, Cl. 53-409.000.
- Kashubara, Dan. Vehicle wheel location device. 4,534,115, 8-13-85, Cl. 33-203.180.
- Kasica, James J.: *See—*
  - Trubiano, Paolo C.; and Kasica, James J., 4,551,177, Cl. 106-210.000.
- Kasimov, Dzhangir A. K. O.: *See—*
  - Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.
- Kaski, Erkki: *See—*
  - Tervamaki, Jukka; Fagerstedt, Mikael; Kukka, Aarre; and Kaski, Erkki, 4,554,134, Cl. 422-100.000.

Kasmader, Richard: *See—*
Schubert, Hermann; Thone, Heinrich; and Kasmader, Richard, 4,541,478, Cl. 164-440.000.

Kasner, William H.: *See—*
Krause, Robert F.; Rauch, Gary C.; and Kasner, William H., 4,535,218, Cl. 219-121.0LH.
Taylor, Lyle H.; and Kasner, William H., 4,510,604, Cl. 372-4.000.

Kasnick, Richard A. Hose nozzle for fire fighting kit. 4,557,289, 12-10-85, Cl. 137-355.280.

Kason Industries Inc.: *See—*
Berkowitz, Irving L., 4,512,122, Cl. 52-127.900.

Kaspar, Klaus P.; Becker, Jurgen; and Huber, Marion, to Boehringer Mannheim GmbH. Container assembly for viscous test specimen materials. 4,514,091, 4-30-85, Cl. 366-130.000.

Kaspar, Vaclav: *See—*
Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, 4,527,746, Cl. 241-23.000.

Kasparek, Alois; and Burger, Jurgen, to Hauni-Werke Korber & Co. Kg. Apparatus for transporting rod-shaped articles between the discharge ends of pneumatic conveyor pipes and a processing machine. 4,551,040, 11-5-85, Cl. 406-28.000.

Kaspaul, Alfred F.: *See—*
Shalhoob, William N.; and Kaspaul, Alfred F., 4,537,181, Cl. 128-1.300.

Kaspe, Paul E., to Prolite Plastics Limited. Method and apparatus for forming a single flange pipe adapter. 4,525,319, 6-25-85, Cl. 264-322.000.

Kasper, Frank S.: *See—*
Wallace, Gary L.; and Kasper, Frank S., 4,552,048, Cl. 83-23.000.

Kasper, Horst; and Eckhard, Pritsch, to Uranit GmbH. Hysteresis motor rotor having cylindrical shape with reduced wall thickness outside stator region. 4,556,810, 12-3-85, Cl. 310-256.000.

Kasper, James R.; and Opsahl, Allan W., to Boeing Company, The. Powered outward-opening cargo door. 4,510,714, 4-16-85, Cl. 49-249.000.

Kasper, Robin: *See—*
Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., 4,501,762, Cl. 426-538.000.

Kasper, Willi; Licht, Helmut; Raquet, Erwin; and Schneider, Jurgen, to Krupp Stahl Aktiengesellschaft. Vibration-damped wheel for rail vehicles. 4,496,183, 1-29-85, Cl. 295-7.000.

Kasperkovitz, Wolfdietrich G., to U.S. Philips Corporation. Radio receiver comprising a frequency locked loop with audio frequency feedback, and a muting circuit. 4,509,205, 4-2-85, Cl. 455-194.000.

Kasperkovitz, Wolfdietrich G., to U.S. Philips Corporation. FM-receiver including a frequency-locked loop. 4,523,328, 6-11-85, Cl. 381-3.000.

Kasperkovitz, Wolfdietrich G., to U.S. Philips Corporation. Integrated amplifier arrangement. 4,547,744, 10-15-85, Cl. 330-261.000.

Kasperkovitz, Wolfdietrich G., to U.S. Philips Corporation. Radio receiver comprising a frequency locked loop with audio frequency feedback, and a muting circuit. 4,547,902, 10-15-85, Cl. 455-194.000.

Kasperkovitz, Wolfdietrich G., to U.S. Philips Corporation. Current stabilizing circuit arrangement. 4,554,503, 11-19-85, Cl. 323-315.000.

Kaspers, Helmut: *See—*
Brandes, Wilhelm; Kaspers, Helmut; Reinecke, Paul; Scheinpflug, Hans; and Kramer, Wolfgang, 4,514,402, Cl. 514-250.000.

Kasprzak, Lucian A.: *See—*
Ryan, Charles T.; Scheuerlein, Roy E.; and Kasprzak, Lucian A., 4,527,254, Cl. 365-51.000.

Kasprzycki, Robert; and Fudge, Chester, to International Key Marketing Incorporated. Key holder. 4,521,981, 6-11-85, Cl. 40-2.00A.

Kasprzyk, Martin R.; and Ten Eyck, Monika O., to Kennecott Corporation. Composite refractory foams. 4,559,244, 12-17-85, Cl. 427-227.000.

Kasprzyk, Martin R.: *See—*
Ten Eyck, Monika O.; Kasprzyk, Martin R.; and Tressler, Richard E., 4,526,826, Cl. 428-131.000.

Kass, John J.: *See—*
Keenan, Thomas F.; and Kass, John J., 4,523,655, Cl. 180-9.100.

Kass, Lawrence. Metachromatic dye sorption and fluorescent light emmisive means for differential determination of developmental stages of neutrophilic granulocytic cells and other leukocytes. 4,500,509, 2-19-85, Cl. 424-3.000.

Kassahun, Bahiru; and Viriyayuthakorn, Montri, to AT&T Technologies, Inc. Apparatus for coating lightguide fiber. 4,522,148, 6-11-85, Cl. 118-405.000.

Kassai, Denes P., to FMC Corporation. Hydrostatic propulsion system and method with inching throttle and brake. 4,530,416, 7-23-85, Cl. 180-307.000.

Kassai, Denes P., to FMC Corporation. Hydraulically operated four wheel sweeper. 4,554,992, 11-26-85, Cl. 180-307.000.

Kassai Kabushikikaisha: *See—*
Kassai, Kenzou, 4,499,619, Cl. 5-99.00A.
Kassai, Kenzou, 4,515,389, Cl. 280-642.000.
Kassai, Kenzou, 4,529,245, Cl. 297-30.000.
Kassai, Kenzou, 4,542,916, Cl. 280-642.000.
Kassai, Kenzou, 4,543,685, Cl. 16-35.00R.
Kassai, Kenzou, 4,545,599, Cl. 280-642.000.
Kassai, Kenzou, 4,546,995, Cl. 280-655.000.
Kassai, Kenzou, 4,556,249, Cl. 297-30.000.
Kassai, Kenzou, 4,560,022, Cl. 180-65.100.

Kassai, Kenzou, to Kassai Kabushikikaisha. Baby bed. 4,499,619, 2-19-85, Cl. 5-99.00A.

Kassai, Kenzou, to Kassai Kabushikikaisha. Baby carriage and armrest for such baby carriage. 4,515,389, 5-7-85, Cl. 280-642.000.

Kassai, Kenzou, to Kassai Kabushikikaisha. Collapsible chair. 4,529,245, 7-16-85, Cl. 297-30.000.

Kassai, Kenzou, to Kassai Kabushikikaisha. Mechanism for locking the opened state of a baby carriage. 4,542,916, 9-24-85, Cl. 280-642.000.

Kassai, Kenzou, to Kassai Kabushikikaisha. Caster. 4,543,685, 10-1-85, Cl. 16-35.00R.

Kassai, Kenzou, to Kassai Kabushikikaisha. Connecting structure between push rods and push rod-connecting rod in baby carriage. 4,545,599, 10-8-85, Cl. 280-642.000.

Kassai, Kenzou, to Kassai Kabushikikaisha. Collapsible luggage carrier. 4,546,995, 10-15-85, Cl. 280-655.000.

Kassai, Kenzou, to Kassai Kabushikikaisha. Collapsible chair. 4,556,249, 12-3-85, Cl. 297-30.000.

Kassai, Kenzou, to Kassai Kabushikikaisha. Electrically driven children's vehicle. 4,560,022, 12-24-85, Cl. 180-65.100.

Kassam, Saleem: *See—*
Luthra, Ajay K.; Kassam, Saleem; and Mauchly, J. William, 4,553,437, Cl. 73-602.000.

Kasschau, Kenneth. Through-hub exhaust propeller assembly. 4,511,339, 4-16-85, Cl. 440-89.000.

Kassel, David L.: *See—*
Engelstein, Charles; Kassel, David L.; and Goodman, Harry, 4,495,257, Cl. 429-100.000.

Kassel, Karlheinz: *See—*
Dulken, Hartmut; Kassel, Karlheinz; Mows, Wolfgang; and Walsdorfer, Hubert, 4,513,072, Cl. 430-57.000.

Kasser, Jurgen, to Blaupunkt-Werke GmbH. Digital FM demodulator. 4,543,532, 9-24-85, Cl. 329-110.000.

Kassies, Michiel. Real image projection device. 4,509,837, 4-9-85, Cl. 353-10.000.

Kassis, Amin I.; and Akili-Mudarris, Choukrie. Culture flask closure. 4,534,483, 8-13-85, Cl. 215-306.000.

Kassner, James E.: *See—*
Rebhahn, Robert W. J.; Kassner, James E.; and Werner, Raymond E., 4,537,971, Cl. 546-320.000.

Kassner, Reinhard; Mader, Karl-Heinz; and Cook, Lee M., to Schott Glass Technologies, Inc. Highly prefractive, low dispersion optical glass suitable for multifocal corrective lenses. 4,507,393, 3-26-85, Cl. 501-75.000.

Kast, Hans: *See—*
Druschke, Wolfgang; Kast, Hans; and Zettl, Alexander, 4,529,772, Cl. 524-555.000.

Kast, Howard B., to General Electric Company. Shear-type fail-fixed servovalve. 4,510,848, 4-16-85, Cl. 91-461.000.

Kast, Howard B., to General Electric Company. Fail-safe servovalve system. 4,538,504, 9-3-85, Cl. 91-461.000.

Kast, Michael A.: *See—*
Bagshaw, David P.; Kast, Michael A.; and Whitehouse, Harry T., 4,541,412, Cl. 126-419.000.

Kastalsky, Alexander: *See—*
Bean, John C.; Kastalsky, Alexander; and Luryi, Sergey, 4,514,748, Cl. 357-58.000.

Kastan, B. Linn; and Romero, Ysmael E., to Kastan, B. Linn. Bicycle crank bearing assembly. 4,545,691, 10-8-85, Cl. 384-458.000.

Kastar, Inc.: *See—*
Epstein, Harry, 4,498,239, Cl. 33-168.00R.

Kaste, Robert P., to United States of America, Army. Bank firing attachment including pivotal locking lugs. 4,499,811, 2-19-85, Cl. 89-14.500.

Kastel, Walter, to Endress u. Hauser GmbH u. Co. Deflecting spring. 4,548,086, 10-22-85, Cl. 73-862.650.

Kastelic, Rudolph F. Pre-engineered modular building panel assembly. 4,494,348, 1-22-85, Cl. 52-588.000.

Kastell, Wolfgang. Preparation for conditioning and grooming the hair. 4,515,778, 5-7-85, Cl. 424-95.000.

Kasten, Alan J., to Harris Corporation. Polysilicon thin films of improved electrical uniformity. 4,536,231, 8-20-85, Cl. 148-33.100.

Kasten, Robert E.: *See—*
Strunk, Richard D.; Kasten, Robert E.; and Monopoli, Richard V., deceased, 4,495,577, Cl. 364-424.000.

Kaster, Robert L.; and Domaas, Perry M., to Angicor Limited. Storage unit. 4,512,471, 4-23-85, Cl. 206-438.000.

Kaster, Robert L., to Angicor Limited. Prosthetic heart valve with plano-convex disk occluder. 4,532,659, 8-6-85, Cl. 623-2.000.

Kastin, Howard. Hard candy composition. 4,528,206, 7-9-85, Cl. 426-660.000.

Kastl, Erna; Ludwig, Klenk; and Faust, Horst, to Hoechst Aktiengesellschaft. Smoke-permeable film of fiber-reinforced regenerated cellulose for producing tubular casings, in particular sausage casings. 4,546,023, 10-8-85, Cl. 428-36.000.

Kastle Gesellschaft m.b.H.: *See—*
Hirnbock, Rudolf; and Haudum, Adolf, 4,537,417, Cl. 280-602.000.
Nussbaumer, Wolfgang, 4,509,771, Cl. 280-609.000.

Kastler, Joel R.: *See—*
Gadonna, Michel P.; and Kastler, Joel R., 4,528,427, Cl. 179-175.30F.

Kastner, Anton: *See—*
Wevelsiep, Klaus; and Kastner, Anton, 4,514,622, Cl. 235-463.000.

Kastner, Marc A.: *See—*
Ovshinsky, Stanford R.; Hudgens, Stephen J.; and Kastner, Marc A., 4,521,447, Cl. 427-45.100.

Kastner, Ralph E.: *See—*
Hamill, Robert L.; and Kastner, Ralph E., 4,537,879, Cl. 514-9.000.

Johnson, Ronald D.; Kastner, Ralph E.; and Boeck, LaVerne D., 4,560,509, Cl. 260-239.30P
Michel, Karl H.; and Kastner, Ralph E., 4,492,650, Cl. 260-112.50R.
Michel, Karl H.; and Kastner, Ralph E., 4,537,770, Cl. 424-118.000.
Michel, Karl H.; and Kastner, Ralph E., 4,559,323, Cl. 514-9.000.
Kastrup, Eberhard, to Durkoppwerke GmbH. Thread-holding apparatus for buttonhole machine. 4,550,672, 11-5-85, Cl. 112-293.000.
Kastrup, Rodney V.: *See—*
Oswald, Alexis A.; Merola, Joseph S.; Reisch, John C.; and Kastrup, Rodney V., 4,528,404, Cl. 568-454.000.
Kasubuchi, Takeshi; Hara, Takeo; and Ozawa, Kaoru, to Sharp Kabushiki Kaisha. Data control system for storing digital and audio information on a magnetic tape. 4,536,804, 8-20-85, Cl. 360-4.000.
Kasuga, Akira; Hibino, Noburo; and Miyatsuka, Hajime, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,496,626, 1-29-85, Cl. 428-336.000.
Kasuga, Akira; Yamamoto, Nobuyuki; and Miyatsuka, Hajime, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,537,833, 8-27-85, Cl. 428-328.000.
Kasuga, Kentaro: *See—*
Kato, Yasuyuki; Kasuga, Kentaro; Taniyama, Yoshitaka; Ichihara, Masuji; and Suzuki, Tamio, 4,529,747, Cl. 523-108.000.
Kasuga, Masao, to Victor Company of Japan, Ltd. IIR digital filter having low coefficient sensitivity. 4,521,867, 6-4-85, Cl. 364-724.000.
Kasuga, Masao, to Victor Company of Japan, Ltd. Digital equalizer capable of varying the center frequency, quality factor, and gain to perform various frequency characteristics. 4,524,422, 6-18-85, Cl. 364-724.000.
Kasuga, Masao, to Victor Company of Japan, Ltd. Digital-to-analog converting device. 4,542,369, 9-17-85, Cl. 340-347.0DA.
Kasuga, Muneo; Shimizu, Akira; and Nishio, Tadashi, to Olympus Optical Co., Ltd. Electrophotographic apparatus comprising detection assembly for detecting record paper shortage. 4,500,199, 2-19-85, Cl. 355-14.0CU.
Kasuga, Muneo: *See—*
Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.
Kasuga, Takuzo; Takahashi, Katsuhiko; and Suzuki, Kunio, to Polyplastics Company, Ltd. Process for manufacturing polytetramethylene terephthalate. 4,511,708, 4-16-85, Cl. 528-274.000.
Kasuga, Takuzo; and Takahashi, Katsuhiko, to Polyplastics Company. Thermoplastic resin composition for molding. 4,533,680, 8-6-85, Cl. 523-220.000.
Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, to Polyplastics Company, Ltd. Method for manufacturing trioxane copolymer. 4,547,565, 10-15-85, Cl. 528-232.000.
Kasuga, Takuzo; Ikenaga, Yukio; Yamawaki, Masami; and Tanimura, Keizo, to Polyplastics Company, Ltd. Polyacetal resin composition. 4,559,380, 12-17-85, Cl. 524-317.000.
Kasugai, Joji; and Nakagami, Akihiro, to Toyoda Gosei Co., Ltd. Cap with a valve unit. 4,540,103, 9-10-85, Cl. 220-203.000.
Kasugai, Shouzi; and Sawato, Tatsuya, to Mitsubishi Denki Kabushiki Kaisha. Device for preventing separation of a belt from a motor pulley. 4,530,683, 7-23-85, Cl. 474-144.000.
Kasukawa, Yasuhiko, to NEC Corporation. Connector with mechanism for coupling and uncoupling plurality of blocks. 4,526,431, 7-2-85, Cl. 339-45.00R.
Kasuya, Hideo: *See—*
Endo, Hiroshi; Sone, Masazumi; Imai, Iwao; and Kasuya, Hideo, 4,495,421, Cl. 250-551.000.
Kasuya, Katsuhiko; Mori, Hidetomo; Fujiwara, Mitsuru; and Matsunaga, Tetsuzo, to Hitachi, Ltd. Rotor tooth form for a screw rotor machine. 4,492,546, 1-8-85, Cl. 418-201.000.
Kasuya, Katsuhiko: *See—*
Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
Kasuya, Kazuki, to Chlorine Engineers Corp. Ltd. Method for production of a cathode for use in electrolysis. 4,543,265, 9-24-85, Cl. 427-34.000.
Kasuya, Takahira; Morita, Hideaki; Takagiwa, Hiroyuki; and Yamakawa, Goichi, to Konishiroku Photo Industry Co., Ltd. Method for manufacturing toner for electrophotography. 4,514,487, 4-30-85, Cl. 430-137.000.
Kasuya, Yoshihiro, to Nippon Electric Co., Ltd. Integrated logic circuit adapted to performance tests. 4,536,881, 8-20-85, Cl. 377-70.000.
Kasuya, Yukio; Yagasaki, Toshiaki; and Masuda, Shunichi, to Canon Kabushiki Kaisha. Image forming apparatus with attachment. 4,530,593, 7-23-85, Cl. 355-14.00R.
Kasuya, Yukio: *See—*
Masuda, Shunichi; Yagasaki, Toshiaki; and Kasuya, Yukio, 4,515,458, Cl. 355-3.0SH.
Kasyanov, Grigory I.: *See—*
Kudinov, Gennady A.; Kasyanov, Grigory I.; Lysenko, Evgeny E.; Tolochko, Alexei I.; Yazev, Vasily A.; and Antonov, Vladimir M., 4,561,639, Cl. 266-193.000.
Kaszeta, William J.: *See—*
Bailey, William L.; and Kaszeta, William J., 4,544,876, Cl. 323-282.000.
Katabe, Kenichi; and Nishimura, Takeo, to Kuraray Co., Ltd.; and Kao Soap Co., Ltd. Leather-like sheet material having low slip characteristics. 4,515,852, 5-7-85, Cl. 428-246.000.
Katada, Hirofumi: *See—*
Tsuji, Hiroshi; and Katada, Hirofumi, 4,526,273, Cl. 206-229.000.
Katada, Hiroshi: *See—*
Shibukawa, Suetaro; and Katada, Hiroshi, 4,503,823, Cl. 123-418.000.
Katada, Hirosi: *See—*
Yoshida, Tatsuya; and Katada, Hirosi, 4,552,110, Cl. 123-416.000.
Katada, Keiichiro: *See—*
Nishiyama, Masao; Katada, Keiichiro; and Akimoto, Yoshiteru, 4,524,044, Cl. 264-328.600.
Katada, Kunio: *See—*
Masuhara, Hideki; Katada, Kunio; and Kudo, Uichi, 4,533,892, Cl. 336-147.000.
Kataev, Evgeny M.: *See—*
Ivanchenko, Nikolai N.; Sokolov, Sergei S.; Lazarev, Anatoly A.; Kataev, Evgeny M.; Glazunov, Arkady A.; and Gorbunov, Evgeny S., 4,497,309, Cl. 123-276.000.
Katagi, Takashi; and Mano, Seiji, to Mitsubishi Denki Kabushiki Kaisha. Antenna system. 4,500,882, 2-19-85, Cl. 343-372.000.
Katagi, Takashi; Makino, Shigeru; Tanaka, Hirokazu; and Kobayashi, Yuji, to Mitsubishi Denki Kabushiki Kaisha. Reflecting mirror antenna unit with diverse curvature. 4,506,270, 3-19-85, Cl. 343-914.000.
Katagi, Takashi: *See—*
Betsudan, Shinichi; Aoki, Katsuhiko; Sato, Shigeru; and Katagi, Takashi, 4,559,540, Cl. 343-761.000.
Katagiri, Hidenori: *See—*
Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,508,682, Cl. 420-590.000.
Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,526,610, Cl. 75-0.5BC.
Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,382, Cl. 75-0.50C.
Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,383, Cl. 75-0.50C.
Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,413, Cl. 148-420.000.
Katagiri, Kazuharu; Oguchi, Yoshihiro; and Takasu, Yoshio, to Canon Kabushiki Kaisha. Radiation sensitive organic thin film comprising an azulenium salt. 4,548,886, 10-22-85, Cl. 430-70.000.
Katagiri, Kazuharu; and Oguchi, Yoshihiro, to Canon Kabushiki Kaisha. Organic coating film and radiation-sensitive member having the film. 4,555,472, 11-26-85, Cl. 430-278.000.
Katagiri, Kazuharu: *See—*
Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, 4,551,404, Cl. 430-59.000.
Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, 4,500,619, Cl. 430-59.000.
Katagiri, Masaru: *See—*
Minami, Kenji; Katagiri, Masaru; and Noguchi, Hideo, 4,509,067, Cl. 357-13.000.
Katagiri, Masayoshi; and Kondo, Toshio, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Aisin Seiki Kabushiki Kaisha. Friction-pad wear-limit warning device for disc brakes. 4,498,559, 2-12-85, Cl. 188-1.110.
Katagiri, Masayoshi: *See—*
Nomura, Yoshihisa; Katagiri, Masayoshi; and Sakakibara, Shigemi, 4,548,093, Cl. 74-512.000.
Katagiri, Nobuhiko; Matsubara, Hidenobu; and Iida, Akio, to Toshiba Electric Appliances Co., Ltd. Year-round air conditioner with evaporator band and special heater placement. 4,520,864, 6-4-85, Cl. 165-60.000.
Katagiri, Tsutomu: *See—*
Yamada, Hisashi; Makise, Masayuki; Katagiri, Tsutomu; and Abe, Kaname, 4,491,553, Cl. 264-51.000.
Katahira, Shunsuke, to Tokyo Shibaura Denki Kabushiki Kaisha. Driving circuit for an electrostatic recording head. 4,553,150, 11-12-85, Cl. 346-154.000.
Kataishi, Takao; and Seo, Iwazou, to Misawa Homes Co., Ltd. Release and carry-out apparatus. 4,515,552, 5-7-85, Cl. 425-436.0RM.
Katakabe, Noboru; Watanabe, Shuichi; Takamiya, Takehisa; Takase, Hiroaki; and Yoshii, Orio, to Matsushita Electric Industrial Co., Ltd. Print element and printing apparatus using same. 4,558,964, 12-17-85, Cl. 400-144.100.
Katakabe, Noboru: *See—*
Watanabe, Shuichi; and Katakabe, Noboru, 4,550,302, Cl. 335-228.000.
Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, to Mitsui Toatsu Kagaku Kabushiki Kaisha. 6-(substituted phenyl)-4,5-dihydro-3(2H)-pyridazinone compounds. 4,521,415, 6-4-85, Cl. 514-252.000.
Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, to Mitsui Toatsu Kagaku Kabushiki Kaisha. Process for preparing 6-(substituted phenyl)-4,5-dihydro-3(2H)-pyridazinone compounds. 4,523,011, 6-11-85, Cl. 544-238.000.
Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; and Shirakawa, Isao, to Mitsui Toatsu Chemicals, Inc. Benzothiazepine derivatives and their methods of preparation. 4,539,150, 9-3-85, Cl. 260-239.30B.
Katakami, Tsutomu; Fukazawa, Nobuyuki; and Iizuka, Hajime, to Mitsui Toatsu Chemicals, Inc. Benzothiazepine derivatives and their method of preparation. 4,539,151, 9-3-85, Cl. 260-239.30B.
Katakura, Hiroshi: *See—*
Kawata, Shun; Nosaka, Isao; and Katakura, Hiroshi, 4,511,237, Cl. 355-3.00R.

Katakura, Masayuki; and Tenma, Takumi, to Sony Corporation. Current amplifier. 4,498,053, 2-5-85, Cl. 330-261.000.

Katakura, Masayuki, to Sony Corporation. Voltage controlled variable gain circuit. 4,516,081, 5-7-85, Cl. 330-254.000.

Katakura, Masayuki, to Sony Corporation. Noise reduction circuit with a main signal path and auxiliary signal path having a high pass filter characteristic. 4,547,741, 10-15-85, Cl. 330-149.000.

Katakura, Masayuki: *See—*
  Akagiri, Kenzo; and Katakura, Masayuki, 4,521,738, Cl. 330-134.000.

Katalco Corporation: *See—*
  Clements, Porter, 4,495,307, Cl. 502-305.000.
  Clements, Porter, 4,517,077, Cl. 208-216.00R.

Katalistiks B.V.: *See—*
  Otterstedt, Jan-Erik A.; Jaras, Sven G.; Pudas, Roland; and Upson, Lawrence L., 4,515,903, Cl. 502-68.000.

Katamoto, Kazuyoshi: *See—*
  Nara, Kiyoshi; Katamoto, Kazuyoshi; and Ohta, Kazuhiko, 4,535,155, Cl. 544-20.000.

Katano, Hiroki; Nishida, Hisato; Semba, Katsumi; Enomoto, Kouji; and Uchida, Kazu, to Honda Giken Kogyo Kabushiki Kaisha. Car body of a motorcar. 4,560,198, 12-24-85, Cl. 296-185.000.

Katano, Kiyoaki: *See—*
  Atsumi, Kunio; Katano, Kiyoaki; Kai, Fumio; Nishihata, Ken; and Akita, Eiichi, 4,560,750, Cl. 544-21.000.

Katano, Yasuo: *See—*
  Matsumoto, Shuzo; Isayama, Takuro; Yamazaki, Hiroshi; and Katano, Yasuo, 4,559,544, Cl. 346-140.00R.

Katanuma, Mitsuo: *See—*
  Morikawa, Kenichi; Nagatomi, Kazuyuki; and Katanuma, Mitsuo, 4,520,235, Cl. 179-99.0LS.

Kataoka Bussan Kabushiki Kaisha: *See—*
  Kataoka, Joji, 4,560,475, Cl. 210-249.000.

Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, to Hitach, Ltd.; and Hitachi Chemical Company, Ltd. Photosensitive resin composition and method for forming fine patterns with said composition. 4,554,237, 11-19-85, Cl. 430-197.000.

Kataoka, Fumio: *See—*
  Shoji, Fusaji; Takemoto, Issei; Kataoka, Fumio; Yokono, Hitoshi; and Isogai, Tokio, 4,513,132, Cl. 528-21.000.

Kataoka, Hironori: *See—*
  Fujita, Takeshi;; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, 4,521,586, Cl. 528-297.000.
  Fujita, Takeshi; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, 4,528,360, Cl. 528-297.000.

Kataoka, Hiroshi. Winding shaft provided on surface with spool fixing rollers. 4,496,114, 1-29-85, Cl. 242-68.200.

Kataoka, Hiroshi, to Kataoka Machine Product Co., Ltd. Apparatus for controlling winding tension. 4,508,284, 4-2-85, Cl. 242-75.510.

Kataoka, Hiroshi. Method and apparatus for wrapping metal coil. 4,523,421, 6-18-85, Cl. 53-399.000.

Kataoka, Hiroshi, to Asahi Kasei Kogyo Kabushiki Kaisha. Acrylic sheets. 4,550,057, 10-29-85, Cl. 428-215.000.

Kataoka, Hiroyuki, to Canon Kabushiki Kaisha. Computer type electronic flash device. 4,494,044, 1-15-85, Cl. 315-151.000.

Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, to Canon Kabushiki Kaisha. Flash photographing system. 4,501,481, 2-26-85, Cl. 354-413.000.

Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, to Canon Kabushiki Kaisha. Electronic flash photographic device. 4,541,703, 9-17-85, Cl. 354-415.000.

Kataoka, Hiroyuki, to Canon Kabushiki Kaisha. Flash photographic apparatus. 4,547,057, 10-15-85, Cl. 354-415.000.

Kataoka, Hiroyuki; and Arai, Yoshio, to Fuji Xerox Co., Ltd. Image processing apparatus and method for recognizing only desired patterns. 4,559,644, 12-17-85, Cl. 382-9.000.

Kataoka, Hiroyuki: *See—*
  Sato, Masato; Kataoka, Hiroyuki; and Arai, Yoshio, 4,492,985, Cl. 358-293.000.
  Suganuma, Saburo; and Kataoka, Hiroyuki, 4,521,096, Cl. 355-3.00R.
  Suganuma, Saburo; Kataoka, Hiroyuki; and Arai, Yoshio, 4,542,378, Cl. 340-734.000.
  Suzuki, Isao; Arai, Yoshio; and Kataoka, Hiroyuki, 4,504,969, Cl. 382-10.000.

Kataoka, Isao: *See—*
  Yamanaka, Koichi; Gotoh, Tetsuro; Aoki, Masanori; Kataoka, Isao; and Nishiwaki, Shunro, 4,517,091, Cl. 210-512.100.

Kataoka, Joji, to Kataoka Bussan Kabushiki Kaisha. Filter assembly with supporting edges. 4,560,475, 12-24-85, Cl. 210-249.000.

Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, to Hitachi, Ltd.; and Hitachi Koki Co., Ltd. Optical system for information processing. 4,561,717, 12-31-85, Cl. 350-6.800.

Kataoka, Kenji: *See—*
  Okada, Kunihiro; Endo, Hirohide; Saito, Susumu; and Kataoka, Kenji, 4,514,079, Cl. 355-8.000.

Kataoka, Kiroyuki, to Fuji Xerox Co., Ltd. Slip processing system. 4,549,077, 10-22-85, Cl. 235-384.000.

Kataoka, Koichi, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus and method. 4,511,009, 4-16-85, Cl. 177-1.000.

Kataoka Machine Product Co., Ltd.: *See—*
  Kataoka, Hiroshi, 4,508,284, Cl. 242-75.510.

Kataoka, Masao; Oshima, Yujiro; Noda, Takashi; and Suzuki, Shigeo, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Turbulence generating method and internal combustion engine for carrying out the same. 4,543,929, 10-1-85, Cl. 123-263.000.

Kataoka, Masao: *See—*
  Ohuchi, Shigehiro; and Kataoka, Masao, 4,522,868, Cl. 428-224.000.

Kataoka, Mutsuo, to Toray Industries, Inc. Stripper for radiosensitive resist. 4,518,675, 5-21-85, Cl. 430-256.000.

Kataoka, Takashi: *See—*
  Kito, Tutomu; Nakasuji, Norikazu; Kataoka, Takashi; Inagaki, Hiroshi; and Shibahashi, Yutaka, 4,554,565, Cl. 346-201.000.

Kataoka, Takeshi; Aoki, Ryoichi; Matsui, Hisashi; and Matsumoto, Hiroshi, to Ono Seiko Co., Ltd. Clutch mechanism of a push-button tuner. 4,515,024, 5-7-85, Cl. 74-10.330.

Katashima, Seiji: *See—*
  Kawai, Kazuo; Kawai, Sumikazu; and Katashima, Seiji, 4,559,989, Cl. 164-228.000.

Katayama Chemical Works Co., Ltd.: *See—*
  Katayama, Sakae; Asano, Tadahiko; Marugame, Kazuo; Kanada, Sadaoki; and Kawasaki, Yoshinari, 4,512,552, Cl. 253-389.00R.
  Umekawa, Osamu; and Katayama, Sakae, 4,518,610, Cl. 514-516.000.

Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, to Canon Kabushiki Kaisha. Copying apparatus. 4,521,099, 6-4-85, Cl. 355-8.000.

Katayama, Hideshi: *See—*
  Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.

Katayama, Hiroomi; and Hirosawa, Yoshiaki, to New Nippon Electric Co., Ltd.; and Honda Giken Kogyo Kabushiki Kaisha. Engine ignition interpolation apparatus. 4,494,518, 1-22-85, Cl. 123-612.000.

Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, to New Nippon Electric Co., Ltd.; and Honda Giken Kogyo Kabushiki Kaisha. Control unit modifiable engine ignition control apparatus. 4,499,875, 2-19-85, Cl. 123-416.000.

Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, to New Nippon Electric Co., Ltd.; and Honda Giken Kogyo Kabushiki Kaisha. Input/output unit modifiable engine ignition control apparatus. 4,502,441, 3-5-85, Cl. 123-416.000.

Katayama, Hiroyuki: *See—*
  Ohta, Kenji; Hirckane, Junji; Katayama, Hiroyuki; Takahashi, Akira; and Yamaoka, Hideyoshi, 4,544,443, Cl. 156-643.000.

Katayama, Kaneo, to Mitsubishi Denki Kabushiki Kaisha. One-body type air conditioner. 4,492,094, 1-8-85, Cl. 62-262.000.

Katayama, Kiichiro: *See—*
  Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.
  Uchida, Yukio; Takagi, Kazuhiro; Katayama, Kiichiro; and Kawase, Hisao, 4,546,051, Cl. 428-653.000.

Katayama, Nobuaki, to Toyota Jidosha Kabushiki Kaisha. Select return mechanism in a manual transmission for automotive vehicles. 4,543,842, 10-1-85, Cl. 74-473.00P.

Katayama, Sakae; Asano, Tadahiko; Marugame, Kazuo; Kanada, Sadaoki; and Kawasaki, Yoshinari, to Katayama Chemical Works Co., Ltd. Corrosion inhibitor. 4,512,552, 4-23-85, Cl. 253-389.00R.

Katayama, Sakae: *See—*
  Umekawa, Osamu; and Katayama, Sakae, 4,518,610, Cl. 514-516.000.

Katayama, Takao, to Idemitsu Kosan Company Limited. Refrigerator oil composition. 4,497,721, 2-5-85, Cl. 252-56.00R.

Katayama, Takao; and Takesue, Masahiko, to Idemitsu Kosan Company Limited. Lubricants for improving fatigue life. 4,501,678, 2-26-85, Cl. 252-32.70E.

Katayama, Takao. Measuring machine. 4,550,506, 11-5-85, Cl. 33-143.00L.

Katayama, Toshiaki: *See—*
  Haneishi, Tatsuo; Okazaki, Takao; Torikata, Akio; Nakajima, Mutsuo; Enokita, Ryuzou; Katayama, Toshiaki; and Iwado, Seigo, 4,557,933, Cl. 424-118.000.

Katayama, Tsutomu: *See—*
  Kawasaki, Yoichi; and Katayama, Tsutomu, 4,551,[illegible]51, Cl. 426-656.000.

Katayama, Yasunori: *See—*
  Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.

Katayama, Yoshifumi: *See—*
  Shiraki, Yasuhiro; Murayama, Yoshimasa; Katayama, Yoshifumi; and Maruyama, Eiichi, 4,559,547, Cl. 357-23.200.

Katayama, Yoshio: *See—*
  Hasegawa, Makoto; Makimoto, Mitsuo; Yamashita, Sadahiko; and Katayama, Yoshio, 4,536,724, Cl. 331-177.00V.

Katayama, Yoshiyuki; and Nishida, Tetsuya, to Kubota, Ltd. Work-vehicle with rolling-control mechanism. 4,553,605, 11-19-85, Cl. 172-2.000.

Katchman, Arthur: *See—*
  Cooper, Glenn D.; and Katchman, Arthur, 4,528,327, Cl. 525-68.000.

Kateka B.V.: *See—*
  Knaap, Jan J., 4,512,244, Cl. 98-98.000.

Kater, John A. R. Measurement of body fluid chemistry. 4,535,786, 8-20-85, Cl. 128-760.000.

Kather, Kenneth C.: *See—*
  Nowobilski, Jeffert J.; and Kather, Kenneth C., 4,515,397, Cl. 285-47.000.

- Kathiriya, Shiraz A.: *See—*
  - Garwood, Donald C.; and Kathiriya, Shiraz A., 4,502,479, Cl. 128-90.000.
- Kathmann, Peter B., to RMC Rotary Motor Company AG. Sealing means for a rotary piston engine. 4,521,168, 6-4-85, Cl. 418-137.000.
- Katila, Michael J.: *See—*
  - Chazan, David; and Katila, Michael J., 4,517,449, Cl. 219-549.000.
  - Chazan, David; and Katila, Michael J., 4,548,662, Cl. 156-86.000.
- Katims, Jefferson J. Method and apparatus for transcutaneous electrical stimulation. 4,503,863, 3-12-85, Cl. 128-741.000.
- Katinka, Michael: *See—*
  - Danos, Olivier; Katinka, Michael; and Yaniv, Moshe, 4,551,270, Cl. 260-112.50R.
- Katko, Laszlo: *See—*
  - Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, 4,533,912, Cl. 340-783.000.
- Katkocin, Dennis M.; Word, Nancy S.; and Yang, Shiow-Shong, to CPC International Inc. Thermostable glucoamylase and method for its production. 4,536,477, 8-20-85, Cl. 435-205.000.
- Kato, Akifumi; Yoshida, Junichi; and Yamamoto, Ryoichi, to Mitsui Petrochemical Industries, Ltd. Process for producing ethylene copolymer by gaseous phase copolymerization. 4,525,547, 6-25-85, Cl. 526-68.000.
- Kato, Akio: *See—*
  - Shimoda, Akifumi; Yoshioka, Yukio; and Kato, Akio, 4,505,635, Cl. 414-667.000.
- Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shimpei, to Hitachi, Ltd. Catalyst for catalytic combustion. 4,537,873, 8-27-85, Cl. 502-242.000.
- Kato, Chizuo, to Aluteck Co., Ltd. Decorative tile and method for manufacturing the same. 4,535,022, 8-13-85, Cl. 428-142.000.
- Kato, Choji: *See—*
  - Ohishi, Kishiro; and Kato, Choji, 4,496,111, Cl. 242-55.000.
- Kato, Eiichi; Okamoto, Masataka; Ueda, Hiroshi; and Inaba, Masaharu, to Jujo Paper Co., Ltd. Electroconductive base sheet for electrostatic recording. 4,502,984, 3-5-85, Cl. 252-518.000.
- Kato, Eiichi: *See—*
  - Endo, Katsusuke; Kato, Eiichi; Ohki, Nobutaka; and Ishikawa, Takatoshi, 4,493,888, Cl. 430-405.000.
- Kato, Harubumi: *See—*
  - Hiruma, Terao; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Kenji, 4,556,057, Cl. 128-303.100.
- Kato Hatsujo Kaisha Ltd.: *See—*
  - Ohkata, Ichizo, 4,522,219, Cl. 137-62.000.
  - Ohkata, Ichizo, 4,523,605, Cl. 137-62.000.
- Kato, Heiji; Kizaki, Kanji; and Baba, Seizo, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Rolling mill with flatness control facility. 4,539,833, 9-10-85, Cl. 72-243.000.
- Kato, Heizaburo, to Sankyo Manufacturing Company, Ltd. Roll feed apparatus. 4,549,683, 10-29-85, Cl. 226-142.000.
- Kato, Hideaki: *See—*
  - Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,-74, Cl. 357-23.000.
- Kato, Hideo, to Tenyo Company, Ltd. Cigarette case jugglery device. 4,557,476, 12-10-85, Cl. 272-8.00N.
- Kato, Hideo: *See—*
  - Itho, Yasuo; Kato, Hideo; Ogawa, Nobuo; Yamagishi, Kagari; Koshinaka, Eiichi; and Mitani, Kazuya, 4,525,356, Cl. 514-234.000.
  - Itoh, Yasuo; Kato, Hideo; Ogawa, Nobuo; Koshinaka, Eiichi; Suzuki, Tomio; and Yagi, Noriyuki, 4,528,287, Cl. 514-254.000.
  - Itoh, Yasuo; Kato, Hideo; Matsumura, Kugako; Nishikawa, Tomoyasu; Hisano, Akira; Yamada, Takehisa; and Koshinaka, Eiichi, 4,534,980, Cl. 514-570.000.
- Kato, Hidetoshi; Sada, Takeshi; Mayumi, Nobuo; and Matsuhashi, Hajime, to Nippondenso Co., Ltd. Battery charging control system for automobile. 4,525,662, 6-25-85, Cl. 322-28.000.
- Kato, Hidetoshi; Maruyama, Toshinori; Matsuhashi, Hajime; and Akita, Yoshio, to Nippondenso Co., Ltd. Voltage regulator for alternator of vehicle. 4,555,657, 11-26-85, Cl. 320-64.000.
- Kato, Hirohiko; Ichijima, Seiji; Adachi, Keiichi; and Watanabe, Toshiyuki, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,536,472, 8-20-85, Cl. 430-505.000.
- Kato, Hiromi, to Yamaha Hatsudoki Kabushiki Kaisha. Motorcycle. 4,508,189, 4-2-85, Cl. 180-219.000.
- Kato, Hiroshi, to Fuji Xerox Co., Ltd. Picture image enlarging/reducing system. 4,503,469, 3-5-85, Cl. 358-287.000.
- Kato, Hiroshi, to Pioneer Electronic Corporation. Optical disc. 4,503,531, 3-5-85, Cl. 369-275.000.
- Kato, Hiroshi; and Kubota, Hiromitsu, to Victor Company of Japan, Ltd. Display device for a magnetic tape recording and/or reproducing apparatus. 4,536,807, 8-20-85, Cl. 360-72.300.
- Kato, Hiroshi: *See—*
  - Chiba, Tomosuke; Kato, Hiroshi; and Suganuma, Takashi, 4,543,510, Cl. 313-477.00R.
- Kato, Hiroyasu; Yagi, Kenkichi; and Okamoto, Miyoshi, to Toray Industries, Inc. Melange-colored sheet and method of producing the same. 4,519,804, 5-28-85, Cl. 8-485.000.
- Kato, Hisaaki, to Murata Kikai Kabushiki Kaisha. Apron for a draft apparatus. 4,553,290, 11-19-85, Cl. 19-244.000.
- Kato, Hisaaki: *See—*
  - Sakai, Shojo; Kato, Hisaaki; Samoto, Yoshihiko; and Inada, Kenchi, 4,491,831, Cl. 340-677.000.
- Kato, Hisanori; and Takagi, Tomio, to Sumitomo Heavy Industries, Ltd. Transfer mechanism. 4,502,591, 3-5-85, Cl. 198-621.000.
- Kato, Hisanori; and Okawa, Masao, to Sumitomo Heavy Industries, Ltd. Cam-type hydraulic driving device. 4,542,660, 9-24-85, Cl. 74-27.000.
- Kato, Hisatoyo, to Fuji Photo Film Co., Ltd. Noise erasing apparatus for stimulable phosphor sheet. 4,500,783, 2-19-85, Cl. 250-327.200.
- Kato, Hisatoyo, to Fuji Photo Film Co., Ltd. Data recording system using stimulable phosphor. 4,507,797, 3-26-85, Cl. 378-165.000.
- Kato, Hisatoyo, to Fuji Photo Film Co., Ltd. Radiation image recording and read-out system. 4,543,479, 9-24-85, Cl. 250-327.200.
- Kato, Hisatoyo, to Fuji Photo Film Co., Ltd. Radiation image recording system. 4,543,480, 9-24-85, Cl. 250-327.200.
- Kato, Hitoshi: *See—*
  - Nakao, Shinroku; Saito, Hideo; Kato, Hitoshi; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,538,830, Cl. 280-647.000.
- Kato Iron Works, Ltd.: *See—*
  - Kato, Masa, 4,558,511, Cl. 29-598.000.
- Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, to Nippon Soda Company Limited. Composite oxyalkoxides and derivatives thereof. 4,529,552, 7-16-85, Cl. 556-40.000.
- Kato, Junichi; Yokotani, Yoichirou; Nishida, Masamitsu; and Ouchi, Hiromu, to Matsushita Electric Industrial Co., Ltd. Dielectric ceramic compositions. 4,542,107, 9-17-85, Cl. 501-134.000.
- Kato, Jyoji: *See—*
  - Yoneda, Naoto; Kato, Jyoji; Hayashi, Kimiaki; Ochiai, Takashi; and Kinashi, Keizo, 4,508,727, Cl. 514-398.000.
- Kato, Kaneyoshi: *See—*
  - Terao, Shinji; Shiraishi, Mitsuru; and Kato, Kaneyoshi, 4,533,554, Cl. 514-464.000.
- Kato, Katsumi: *See—*
  - Hashimoto, Masao; and Kato, Katsumi, 4,508,459, Cl. 368-276.000.
- Kato, Katsunori: *See—*
  - Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori, 4,532,202, Cl. 430-552.000.
  - Sato, Ryosuke; Kato, Katsunori; Sasaki, Takashi; and Sugita, Hiroshi, 4,554,244, Cl. 430-552.000.
- Kato, Katuo, to NHK Spring Co., Ltd. Impact damper. 4,494,634, 1-22-85, Cl. 188-380.000.
- Kato, Kazuaki; and Washizu, Tomio, to NGK Insulators, Ltd.; and Takamatsu Electric Works, Ltd. Open fuse cutout. 4,540,968, 9-10-85, Cl. 337-31.000.
- Kato, Kazuaki; and Nishi, Yuzo, to NGK Insulators, Ltd.; and Takamatsu Electric Works, Ltd. Open fuse cutout. 4,542,363, 9-17-85, Cl. 337-31.000.
- Kato, Kazuhisa: *See—*
  - Yasui, Masaru; and Kato, Kazuhisa, 4,532,196, Cl. 430-31.000.
- Kato, Kazuo; Hamada, Fumio; and Ito, Kenji, to Konishiroku Photo Industry Co., Ltd. Silver halide color photographic light-sensitive material. 4,518,683, 5-21-85, Cl. 430-546.000.
- Kato, Kazuo: *See—*
  - Aoyama, Toshimi; Tohda, Hiroyuki; Kato, Kazuo; and Nakane, Hisashi, 4,557,996, Cl. 430-324.000.
  - Kishido, Takeshi; Yoshino, Tetsuya; Kageyama, Takashi; and Kato, Kazuo, 4,561,378, Cl. 118-62.000.
  - Kuboki, Shigeo; and Kato, Kazuo, 4,523,180, Cl. 340-347.0AD.
  - Kuboki, Shigeo; Kato, Kazuo; and Miyakawa, Nobuaki, 4,527,148, Cl. 340-347.0AD.
  - Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.
  - Someno, Tetsuya; Kato, Kazuo; Saino, Tetsushi; Ishii, Shinichi; Takeuchi, Tomio; and Umezawa, Hamao, 4,525,465, Cl. 502-7.000.
  - Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, 4,556,807, Cl. 307-491.000.
  - Yamada, Kazuji; Sato, Hideo; Kitadate, Yukitaka; Kawakami, Kanji; Kato, Kazuo; and Sasayama, Takao, 4,558,238, Cl. 307-491.000.
  - Yoshino, Tetsuya; Kageyama, Takashi; Kato, Kazuo; and Kishido, Takeshi, 4,548,837, Cl. 427-209.000.
- Kato, Keigo: *See—*
  - Kawamoto, Kenji; Kato, Keigo; and Aida, Takahiro, 4,520,126, Cl. 502-184.000.
- Kato, Ken-ichi: *See—*
  - Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.
- Kato, Kenichi: *See—*
  - Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.
- Kato, Kenji, to Janome Sewing Machine Co. Ltd. Sewing machine with pattern editing function. 4,502,402, 3-5-85, Cl. 112-158.00E.
- Kato, Kenji, to Nippon Oil and Fats Co., Ltd. Diacyl peroxide composition. 4,560,495, 12-24-85, Cl. 252-186.230.
- Kato, Kenji: *See—*
  - Hanyu, Susumu; and Kato, Kenji, 4,501,210, Cl. 112-158.00E.
  - Hanyu, Susumu; and Kato, Kenji, 4,531,466, Cl. 112-121.110.
- Kato, Kenshiro: *See—*
  - Togashi, Minoru; Kato, Kenshiro; and Furuya, Shin-ichi, 4,513,802, Cl. 152-353.00R.

- Kato, Kentaro: *See—*
  - Inoue, Kazuo; and Kato, Kentaro, 4,495,773, Cl. 60-605.000.
- Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, to Olympus Optical Co., Ltd. Method and apparatus for detecting focussing error signal of objective lens. 4,505,584, 3-19-85, Cl. 356-123.000.
- Kato, Kiichi, to Olympus Optical Co., Ltd. Optical information recording and/or reproducing apparatus and optical record medium for use in such apparatus. 4,507,763, 3-26-85, Cl. 369-44.000.
- Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, to Olympus Optical Co., Ltd. Light beam separation method. 4,509,830, 4-9-85, Cl. 350-394.000.
- Kato, Kiichi; and Sakamoto, Masaharu, to Olympus Optical Co., Ltd. Optical system for synthesizing plural light beams. 4,545,651, 10-8-85, Cl. 350-394.000.
- Kato, Kiichi, to Olympus Optical Co. Ltd. Optical memory device with means for detecting erroneous data writing. 4,554,654, 11-19-85, Cl. 369-54.000.
- Kato, Kiichi: *See—*
  - Ito, Kenichi; Musha, Tohru; Kato, Kiichi; and Yamamoto, Kimiaki, 4,525,825, Cl. 369-45.000.
  - Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, 4,495,407, Cl. 250-201.000.
  - Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, 4,499,514, Cl. 360-97.000.
  - Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, 4,505,585, Cl. 356-237.000.
  - Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, 4,499,572, Cl. 369-111.000.
  - Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, 4,520,280, Cl. 307-358.000.
- Kato, Kiminari, to NGK Insulators, Ltd. Ceramic rotor and manufacturing process therefor. 4,544,327, 10-1-85, Cl. 416-241.00B.
- Kato, Kiminari, to NGK Insulators, Ltd. Extrusion die for ceramic honeycomb structure. 4,550,005, 10-29-85, Cl. 264-177.00R.
- Kato, Kimio; Kobayashi, Hisao; Mukai, Takamitsu; Kono, Hiroya; and Yamamoto, Taku, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Swash plate compressor. 4,522,567, 6-11-85, Cl. 417-270.000.
- Kato, Kinya, to Nippon Kogaku K.K. Variable magnification observation apparatus. 4,530,578, 7-23-85, Cl. 350-526.000.
- Kato, Kotaro: *See—*
  - Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, 4,530,001, Cl. 357-49.000.
- Kato, Koumei: *See—*
  - Iida, Hideyo; Kato, Koumei; Mishuku, Toshio; and Fujimaki, Yukiko, 4,510,195, Cl. 428-215.000.
- Kato, Kuniaki: *See—*
  - Matsushima, Yoshiaki; Chiaki, Nobutaka; Kato, Kuniaki; and Horikiri, Toshihiko, 4,561,628, Cl. 251-30.010.
- Kato, Kunihiko; and Murahashi, Akihiko, to Victor Company of Japan, Ltd. Information scanning circuit for use with a detachable portable cassette tape recorder. 4,504,875, 3-12-85, Cl. 360-72.100.
- Kato, Kuniki: *See—*
  - Umezawa, Hamao; Takeuchi, Tomio; Ishizuka, Masaaki; Takita, Tomohisa; Shimada, Nobuyoshi; and Kato, Kuniki, 4,530,998, Cl. 536-24.000.
- Kato, Kunitoshi, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for operating plural poly phase A.C. motors having a common load. 4,525,656, 6-25-85, Cl. 318-85.000.
- Kato, Mamoru: *See—*
  - Maekawa, Kouji; Kato, Mamoru; Nakagama, Syoji; and Sano, Yumiko, 4,524,117, Cl. 430-44.000.
- Kato, Manabu; and Aoyama, Shunichi, to Nissan Motor Company, Limited. Valve operation changing system of internal combustion engine. 4,534,323, 8-13-85, Cl. 123-90.160.
- Kato, Manabu: *See—*
  - Aoyoma, Shunichi; and Kato, Manabu, 4,516,542, Cl. 123-90.160.
- Kato, Masa, to Kato Iron Works, Ltd. Method of manufacture of a magnetic rotor core member for a rotating-field dynamoelectric machine. 4,558,511, 12-17-85, Cl. 29-598.000.
- Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, to Denki Kagaku Kogyo Kabushiki Kaisha. Process for preparing L-threonine. 4,492,757, 1-8-85, Cl. 435-280.000.
- Kato, Masaaki; and Akashi, Tetsuji, to Nippondenso Co., Ltd. Fuel injection apparatus. 4,537,352, 8-27-85, Cl. 239-90.000.
- Kato, Masaaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Variable-length encoding-decoding system. 4,553,130, 11-12-85, Cl. 340-347.0DD.
- Kato, Masaaki: *See—*
  - Fujii, Isao; Nishimura, Hiroyuki; and Kato, Masaaki, 4,491,104, Cl. 123-291.000.
- Kato, Masahiko: *See—*
  - Sakakibara, Kazuo; Shimogawa, Toshiaki; Kato, Masahiko; and Matsuoka, Fumio, 4,561,606, Cl. 242-107.000.
- Kato, Masahisa: *See—*
  - Miyazaki, Hiroshi; and Kato, Masahisa, 4,501,207, Cl. 112-66.000.
- Kato, Masaji: *See—*
  - Ogawa, Tetsuya; Saitoh, Shinichi; Inoi, Takeshi; Kato, Masaji; and Obara, Heitaro, 4,537,999, Cl. 568-584.000.
- Kato, Masami; and Yoshikai, Noriaki, to Nippon Telegraph & Telephone Public Corporation. Consecutive identical digit suppression system in a digital communication system. 4,502,143, 2-26-85, Cl. 371-57.000.
- Kato, Masami, to Toska Co., Ltd.; Ben Clements & Sons, Inc.; and Japan Bano'k Co., Ltd. Method and apparatus for manufacturing tag pin assemblies. 4,503,006, 3-5-85, Cl. 264-148.000.
- Kato, Masanori: *See—*
  - Tsuge, Noboru; Taguchi, Masahiro; Kato, Masanori; and Kuwakado, Satosi, 4,537,169, Cl. 123-325.000.
- Kato, Masaru: *See—*
  - Kobayashi, Kyoji; Kato, Masaru; and Fujisawa, Koichi, 4,542,325, Cl. 318-483.000.
- Kato, Masatake, to Canon Kabushiki Kaisha. Focus detecting device. 4,523,828, 6-18-85, Cl. 354-403.000.
- Kato, Masatake; and Hashimoto, Shigeru, to Canon Kabushiki Kaisha. Large relative aperture objective lens. 4,553,823, 11-19-85, Cl. 350-463.000.
- Kato, Masayuki: *See—*
  - Ueda, Ikuo; Kato, Masayuki; and Kasai, Yoshiharu, 4,540,692, Cl. 514-225.000.
  - Ueda, Ikuo; Kato, Masayuki; and Nagano, Masanobu, 4,543,356, Cl. 514-259.000.
- Kato, Mikihiko; Komine, Shigeo; Kawamata, Toshio; Morita, Kazuhiko; and Sato, Tsunehiko, to Fuji Photo Film Co., Ltd. Process for preparing magnetic recording medium. 4,518,626, 5-21-85, Cl. 427-48.000.
- Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; Tsuji, Shiro; Kihara, Nobuyoshi; and Amano, Yoshinori, to Matsushita Electric Industrial Co., Ltd. Method and apparatus for processing binary data. 4,544,962, 10-1-85, Cl. 360-40.000.
- Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; and Takeuchi, Kousou, to Matsushita Electric Industrial Co., Ltd. Method of encoding and decoding binary data. 4,549,167, 10-22-85, Cl. 340-347.0DD.
- Kato, Misao: *See—*
  - Shimeki, Yasuharu; Kato, Misao; Matsushima, Hiroshi; and Ishikawa, Toshiro, 4,525,753, Cl. 360-45.000.
- Kato, Mitsuhisa: *See—*
  - Saito, Taiji; Kato, Mitsuhisa; and Yasunaga, Kimioki, 4,503,679, Cl. 60-605.000.
- Kato, Mitsumi, to Nippon Gakki Seizo Kabushiki Kaisha. Musical tone forming system. 4,524,666, 6-25-85, Cl. 84-1.030.
- Kato, Mitsumi, to Nippon Gakki Seizo Kabushiki Kaisha. Automatic rhythm performing apparatus. 4,554,854, 11-26-85, Cl. 84-1.030.
- Kato, Mitsuru: *See—*
  - Toyama, Hiroshige; Mizuno, Yoshiyuki; Yamamoto, Yoshimi; and Kato, Mitsuru, 4,560,115, Cl. 242-107.40A.
- Kato, Mitsutaka: *See—*
  - Hinoda, Seisuke; Hirano, Masao; Kato, Mitsutaka; and Yasuda, Hirohiko, 4,547,074, Cl. 356-405.000.
- Kato, Nobuhide; and Murase, Takao, to NGK Insulators, Ltd. Oxygen sensor with heater. 4,512,871, 4-23-85, Cl. 204-429.000.
- Kato, Nobuhide; and Murase, Takao, to NGK Insulators, Ltd. Oxygen sensor with heater. 4,528,086, 7-9-85, Cl. 204-427.000.
- Kato, Norihiko: *See—*
  - Ohba, Hisao; Shirai, Akira; Kitazumi, Etsuo; and Kato, Norihiko, 4,545,866, Cl. 204-33.000.
- Kato, Osamu: *See—*
  - Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Kato, Osamu, 4,521,294, Cl. 208-23.000.
- Kato, Ryoki: *See—*
  - Sekimoto, Souichi; and Kato, Ryoki, 4,504,119, Cl. 350-336.000.
- Kato, Sadamu: *See—*
  - Yomogida, Toshihiko; Sakurai, Itaru; Yokota, Tsuyoshi; and Kato, Sadamu, 4,504,900, Cl. 364-140.000.
- Kato, Satoru: *See—*
  - Umeha, Genkichi; Urano, Shigeru; and Kato, Satoru, 4,556,532, Cl. 419-5.000.
- Kato, Shigeo: *See—*
  - Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, 4,542,712, Cl. 118-726.000.
- Kato, Shigeru: *See—*
  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,525,824, Cl. 369-45.000.
  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,539,662, Cl. 369-13.000.
  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,549,287, Cl. 369-45.000.
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.
  - Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.
  - Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, 4,549,201, Cl. 358-13.000.
- Kato, Shinichi: *See—*
  - Hanyu, Susumu; Takenoya, Hideaki; and Kato, Shinichi, 4,522,134, Cl. 112-453.000.
  - Maruyama, Masanori; Fukushima, Masakazu; Kato, Shinichi; and Ogusu, Chihaya, 4,540,916, Cl. 315-16.000.
  - Sato, Ken; Takahashi, Yutaka; Tsukaya, Takashi; Kato, Shinichi; and Hattori, Shinichiro, 4,561,429, Cl. 128-6.000.

Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.

Kato, Shogo, to Konishiroku Photo Industry Co., Ltd. Controlling apparatus for paper-feeding drive operated by driving system of optics unit for exposure. 4,545,676, 10-8-85, Cl. 355-3.0SH.

Kato, Shogo: *See*—
Ura, Hiroaki; and Kato, Shogo, 4,526,358, Cl. 271-34.000.

Kato, Sigeru: *See*—
Kanai, Mikio; Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Sigeru, 4,554,651, Cl. 369-13.000.

Kato, Tadaaki: *See*—
Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,737, Cl. 514-167.000.
Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.
Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.

Kato, Tadao: *See*—
Koshio, Yoshihiro; Kato, Tadao; and Kawano, Hikaru, 4,500,002, Cl. 209-534.000.

Kato, Tadashi: *See*—
Ueda, Toshio; Kato, Tadashi; Mukai, Ryuichi; and Harada, Susumu, 4,559,391, Cl. 525-366.000.

Kato, Taizo; and Souchi, Toshiyuki, to Toyoda Gosei Co., Ltd. Equal tension wire winding device. 4,545,548, 10-8-85, Cl. 242-156.000.

Kato, Takaaki; Kato, Takeshi; and Yoshizawa, Yoshikazu, to Nippondenso Co., Ltd.; Systemkiki Co., Ltd.; and Fuji Xerox Co., Ltd. Apparatus for managing a group of copying machines. 4,497,037, 1-29-85, Cl. 364-900.000.

Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Motor vehicle diagnostic monitoring system. 4,497,057, 1-29-85, Cl. 371-29.000.

Kato, Takashi; and Toyokura, Nobuo, to Fujitsu Limited. Process for producing dielectric layers for semiconductor devices. 4,495,219, 1-22-85, Cl. 427-82.000.

Kato, Takashi; Yoshikawa, Tomio; Sato, Keiji; and Yoshioka, Kazuo, to Hitachi, Ltd. Control circuit for air conditioner. 4,557,114, 12-10-85, Cl. 62-126.000.

Kato, Takashi: *See*—
Ito, Takaaki; and Kato, Takashi, 4,519,957, Cl. 261-44.00C.
Nakamura, Norihiko; and Kato, Takashi, 4,545,350, Cl. 123-439.000.

Kato, Takefumi, to Iwatsu Electric Co., Ltd. Storage target for storage tubes and method of fabrication. 4,532,453, 7-30-85, Cl. 313-391.000.

Kato, Takeshi: *See*—
Kato, Takaaki; Kato, Takeshi; and Yoshizawa, Yoshikazu, 4,497,037, Cl. 364-900.000.

Kato, Taketoshi; and Onoe, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device with composite lead wire. 4,521,801, 6-4-85, Cl. 357-71.000.

Kato, Tiharu: *See*—
Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.

Kato, Toranosuke: *See*—
Tokitsu, Naoki; Fujiwara, Toshitaka; Kato, Toranosuke; and Uno, Toshihiko, 4,500,868, Cl. 340-52.00F.

Kato, Toshihisa; Iwagami, Hisao; and Yasuda, Naohiko, to Ajinomoto Co., Inc. 4-methylsulfonyl-azetidinone derivatives. 4,537,719, 8-27-85, Cl. 260-239.00A.

Kato, Toshikazu, to Olympus Optical Co., Ltd. Cassette ejection mechanism for a cassette tape recorder. 4,510,540, 4-9-85, Cl. 360-93.000.

Kato, Toshikazu, to Olympus Optical Co., Ltd. Counter device for use in tape recorder. 4,530,106, 7-16-85, Cl. 377-18.000.

Kato, Toshikazu; and Osanai, Akira, to Olympus Optical Co., Ltd. Cassette tape recorder. 4,539,609, 9-3-85, Cl. 360-93.000.

Kato, Toshimi: *See*—
Okawa, Susumu; Matsui, Hideaki; Jufuku, Yasunobu; and Kato, Toshimi, 4,525,160, Cl. 474-242.000.

Kato, Toshio: *See*—
Matsumoto, Hiroyuki; and Kato, Toshio, 4,504,848, Cl. 357-24.000.
Shimizu, Shigeo; and Kato, Toshio, 4,517,257, Cl. 428-694.000.
Yanagisawa, Akira; Yazawa, Hisashi; and Kato, Toshio, 4,561,235, Cl. 53-411.000.

Kato, Toshiro; Takahashi, Junya; and Kamoshita, Katsuzo, to Sumitomo Chemical Company, Limited. Fungicidal carbamates useful against fungi resistant to benzamidazole fungicides. 4,501,756, 2-26-85, Cl. 514-120.000.

Kato, Toshiro: *See*—
Funaki, Yuji; Oshita, Hirofumi; Yamamoto, Shigeo; Tanaka, Shizuya; and Kato, Toshiro, 4,554,007, Cl. 71-076.000.
Yamada, Yoshimi; Ooishi, Tadashi; Kato, Toshiro; and Mukai, Kunio, 4,507,284, Cl. 514-140.000.

Kato, Toshiyuki; Takahashi, Isao; Irie, Toshio; and Ogawa, Yozo, to Kawasaki Steel Corporation. Dual phase-structured hot rolled high-tensile strength steel sheet and a method of producing the same. 4,561,910, 12-31-85, Cl. 148-12.400.

Kato, Toshiyuki: *See*—
Yokoyama, Masato; Nagasaku, Eiichi; Taya, Tosiki; and Kato, Toshiyuki, 4,560,332, Cl. 418-83.000.

Kato, Toyoaki: *See*—
Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.

Kato, Tsuyoshi: *See*—
Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, 4,525,826, Cl. 369-46.000.

Kato, Yasuji; Kobayashi, Hiroyuki; and Yamamoto, Yukio, to Yamasa Tokei Meter Co., Ltd. Condition regulating device for the meters for measuring the quantity of motion. 4,560,861, 12-24-85, Cl. 235-105.000.

Kato, Yasushi; Furukawa, Hisao; and Nakatsuka, Saori, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Curable composition. 4,503,181, 3-5-85, Cl. 524-391.000.

Kato, Yasushi; and Furukawa, Hisao, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Curable composition. 4,507,437, 3-26-85, Cl. 525-106.000.

Kato, Yasushi; and Furukawa, Hisao, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Metallic base paint. 4,518,726, 5-21-85, Cl. 524-32.000.

Kato, Yasushi; and Furukawa, Hisao, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. One component curing composition. 4,539,359, 9-3-85, Cl. 524-376.000.

Kato, Yasushi: *See*—
Furukawa, Hisao; and Kato, Yasushi, 4,506,052, Cl. 524-357.000.

Kato, Yasuyuki; Kasuga, Kentaro; Taniyama, Yoshitaka; Ichihara, Masuji; and Suzuki, Tamio, to Toyo Contact Lens Co., Ltd. Soft contact lenses. 4,529,747, 7-16-85, Cl. 523-108.000.

Kato, Yoshiaki: *See*—
Nawa, Akiyoshi; Kato, Yoshiaki; and Shimizu, Takao, 4,531,040, Cl. 219-74.000.
Nawa, Akiyoshi; and Kato, Yoshiaki, 4,536,634, Cl. 219-74.000.

Kato, Yoshiei: *See*—
Sudo, Fumio; Fujii, Tetsuya; Kato, Yoshiei; Yamada, Sumio; and Emoto, Kanji, 4,543,125, Cl. 75-51.500.

Kato, Yoshiharu: *See*—
Okabe, Shinsei; Komatsu, Hiroshi; Hamaji, Yukio; Kojima, Shozo; and Kato, Yoshiharu, 4,537,865, Cl. 501-135.000.

Kato, Yoshihisa, to Sumitomo Metal Mining Company Limited. Lead frame for integrated circuits and method of fabricating the same. 4,523,218, 6-11-85, Cl. 357-70.000.

Kato, Yoshinobu, to Sun Arrow Koeki Company Ltd. Key-top panel and keyboard structure using the panel. 4,491,702, 1-1-85, Cl. 200-5.00A.

Kato, Yoshinori; Umemoto, Naoji; Saito, Masahiko; and Hara, Takeshi, to Teijin Limited. Conjugate having cytotoxicity and process for the preparation thereof. 4,507,234, 3-26-85, Cl. 260-121.000.

Kato, Yoshinori; Matsui, Makoto; and Nonaka, Zenichiro, to Aida Engineering Ltd. Conveying system for press work materials. 4,509,638, 4-9-85, Cl. 198-486.000.

Kato, Yoshinori; Umemoto, Naoji; Hara, Takeshi; Tsukada, Yutaka; and Hirai, Hidematsu, to Teijin Limited. Conjugate having cytotoxicity and process for the preparation thereof. 4,543,211, 9-24-85, Cl. 260-112.00B.

Kato, Yukihiro; Kawahara, Hideo; and Hyohdou, Masato, to Nippon Sheet Glass Co., Ltd. Method for forming tin oxide coating. 4,500,567, 2-19-85, Cl. 427-255.300.

Kato, Yukiteru; and Watanabe, Kazuhiro, to Lotte Co., Ltd. Coated frozen-dessert and a process for preparation thereof. 4,525,365, 6-25-85, Cl. 426-101.000.

Kato, Yutaka: *See*—
Matsunaga, Atsushi; Kusayanagi, Sampo; Takano, Masamitu; and Kato, Yutaka, 4,542,246, Cl. 585-6.600.
Oshima, Masao; Kato, Yutaka; Ogasawara, Mitsuhiko; and Futamura, Osamu, 4,512,936, Cl. 261-93.000.
Tamura, Yukio; Kaminishi, Masashi; and Kato, Yutaka, 4,522,451, Cl. 305-18.000.

Kato, Yuuichi: *See*—
Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.

Katoh, Haruhisa, to Canon Kabushiki Kaisha. System for checking an electrical connection between a computer and a printer. 4,502,113, 2-26-85, Cl. 364-200.000.

Katoh, Hisashi; Shinagawa, Hiroshi; and Miura, Keiji, to Honda Giken Kogyo Kabushiki Kaisha. Blow-by gas recovering system for internal combustion engines. 4,502,424, 3-5-85, Cl. 123-41.860.

Katoh, Katsunori: *See*—
Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, 4,562,146, Cl. 430-546.000.
Nakayama, Noritaka; Kawakatsu, Satoshi; Katoh, Katsunori; and Shinozaki, Kaoru, 4,548,899, Cl. 430-558.000.

Katoh, Kazuo: *See*—
Asai, Shinichiro; Katoh, Kazuo; and Nakano, Tatsuo, 4,521,476, Cl. 428-209.000.

Katoh, Kenji; and Chujo, Yoshiki, to Toyota Jidosha Kabushiki Kaisha. Method of and system for lean-controlling air-fuel ratio in electronically controlled engine. 4,528,961, 7-16-85, Cl. 123-489.000.

Katoh, Minoru: *See*—
Kurono, Hitoshi; Taninaka, Kuniaki; Sugimoto, Tatsuyoshi; and Katoh, Minoru, 4,535,075, Cl. 514-96.000.

Katoh, Mitsumi: *See*—
Wachi, Masatada; and Katoh, Mitsumi, 4,548,119, Cl. 84-1.190.
Wachi, Masatada; and Katoh, Mitsumi, 4,554,858, Cl. 84-1.190.

Katoh, Osamu: *See—*

Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Katoh, Osamu, 4,533,535, Cl. 423-447.400.

Katoh, Shohichi: *See—*

Itoh, Masataka; and Katoh, Shohichi, 4,541,015, Cl. 358-212.000.

Itoh, Masataka; and Katoh, Shohichi, 4,559,564, Cl. 358-293.000.

Katoh, Tadashi, to Honda Giken Kogyo Kabushiki Kaisha. Oil pressure switch. 4,551,594, 11-5-85, Cl. 200-82.00R.

Katoh, Takeshi: *See—*

Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi, Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.

Katoh, Yoshiaki, and Inuzuka, Hiroshi, to Miwa Lock Co. Ltd. Hinge which facilitates opening door after the gate frame is distorted. 4,561,147, 12-31-85, Cl. 16-380.000.

Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, to Eisai Co., Ltd. Method for treatment of inflammation. 4,491,592, 1-1-85, Cl. 424-318.000.

Katoh, Yuuichi; Matsuoka, Hiroki; and Iwata, Minoru, to Toyota Jidosha Kabushiki Kaisha. Fuel supply system in internal combustion engine. 4,519,354, 5-28-85, Cl. 123-472.000.

Katohno, Noboru: *See—*

Yoshida, Masashi; Katohno, Noboru; Yokota, Hajime; and Okayama, Masao, 4,499,512, Cl. 360-90.000.

Katoo, Hisashi; Fujiwara, Kunio; and Kawashima, Yoshikazu, to Mitsubishi Denki Kabushiki Kaisha. Robot vehicle. 4,556,940, 12-3-85, Cl. 364-424.000.

Katoo, Hisashi: *See—*

Fujiwara, Kunio; Katoo, Hisashi; Satoo, Fumihide; and Taki, Hirokazu, 4,554,498, Cl. 318-640.000.

Katou Hatsujo Kaisha Ltd.: *See—*

Ohkata, Ichizo, 4,497,241, Cl. 98-40.250.

Katou, Osamu: *See—*

Fujita, Kiyoshi; Toyohisa, Shirou; Katou, Osamu; and Ishimaru, Kenji, 4,498,988, Cl. 210-397.000.

Katou, Takashi; and Itou, Takaaki, to Toyota Jidosha Kabushiki Kaisha. Exhaust gas-purifying device of an internal combustion engine. 4,506,644, 3-26-85, Cl. 123-439.000.

Katou, Takashi: *See—*

Itou, Takaaki; Katou, Takashi; and Morino, Toshiharu, 4,495,112, Cl. 261-41.00D.

Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; Ota, Yozo; and Morino, Toshiharu, 4,493,804, Cl. 261-44.00C.

Nakamura, Norihiko; Itou, Takaaki; Katou, Takashi; Takimoto, Masatami; and Teramura, Mitsuyoshi, 4,512,312, Cl. 123-439.000.

Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.

Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,562,012, Cl. 261-44.00C.

Katryniok, Detlef: *See—*

Ruch, Jean; Katryniok, Detlef; and Pack, Hugo, 4,507,367, Cl. 429-27.000.

Katsaros, Arthur T.: *See—*

Woodward, Donald W.; Katsaros, Arthur T.; and Rowles, Howard C., 4,525,187, Cl. 62-31.000.

Katscher, Werner: *See—*

Hinssen, Hans-Klemens; Katscher, Werner; Loenissen, Karl-Josef; Moormann, Rainer; Seeboth, Heinz; Stauch, Bernhard; and Thelen, Josef, 4,507,267, Cl. 423-4.000.

Katschinski, Ulrich: *See—*

Greilinger, Friedrich; and Katschinski, Ulrich, 4,559,990, Cl. 164-428.000.

Katsen, Boris J.; Brinkworth, Robert T.; Kay, Daniel J.; and Riester, James A., to Graphic Controls Corporation. Heat sensitive recording papers. 4,500,354, 2-19-85, Cl. 106-21.000.

Katsma, William L.: *See—*

Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.

Katsu, Masutaro: *See—*

Mizuno, Shigeru; Suzuki, Masahiko; Mizuno, Haruki; and Katsu, Masutaro, 4,508,567, Cl. 75-231.000.

Katsube, Hideo; Gamo, Gotaro; Kinoshita, Mitsuo; and Nomura, Yoshiyuki, to Fujitsu Fanuc Limited. Apparatus for processing a broken wire electrode used during electro-discharge machining. 4,506,129, 3-19-85, Cl. 219-69.00W.

Katsube, Junki: *See—*

Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki, 4,493,846, Cl. 424-308.000.

Katsube, Kazuaki; and Kuwabara, Masami, to Sony Corporation; and Hosiden Electronics Co., Ltd. Microminiature connector. 4,530,557, 7-23-85, Cl. 339-75.00M.

Katsuda, Morihiko: *See—*

Masuda, Shigeo; and Katsuda, Morihiko, 4,552,599, Cl. 156-50.000.

Katsueda, Mineo: *See—*

Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.

Katsuhara, Yutaka: *See—*

Sawai, Mithio; Tasaka, Yoshihiro; Kawai, Toshikazu; and Katsuhara, Yutaka, 4,544,772, Cl. 568-411.000.

Tasaka, Yoshihiro; Nakamichi, Toshihiro; and Katsuhara, Yutaka, 4,554,382, Cl. 568-404.000.

Katsuhiko Ohki: *See—*

Ogawa, Tetsuo, 4,537,563, Cl. 417-226.000.

Katsui, Yoshihiro: *See—*

Arigaya, Hideto; Katsui, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, 4,559,249, Cl. 428-36.000.

Ohhashi, Yasuo; Araki, Junichi; and Katsui, Yoshihiro, 4,548,592, Cl. 474-168.000.

Katsuji BABA: *See—*

Watanabe, Kenji, 4,508,064, Cl. 123-1.00A.

Katsuki, Kanji: *See—*

Matsumura, Susumu; Hosokawa, Yasuhiko; Katsuki, Kanji; and Yano, Masao, 4,555,750, Cl. 363-37.000.

Katsuki, Kosuke; Nishioka, Youiti; and Nomura, Susumu, to Toray Industries, Inc. Method for threading filaments on rollers of oxidizing furnace and apparatus therefor. 4,521,931, 6-11-85, Cl. 8-149.200.

Katsuki, Kosuke; and Murakami, Yukihiro, to Toray Industries, Inc. Apparatus for producing oxidized filaments. 4,559,010, 12-17-85, Cl. 432-59.000.

Katsuki, Kosuke: *See—*

Arita, Yosihumi; Katsuki, Kosuke; and Tabuchi, Sadao, 4,561,601, Cl. 242-35.50R.

Katsuma, Makoto; Kawamura, Masaharu; and Yamada, Masanori, to Canon Kabushiki Kaisha. Flash photographing system. 4,494,850, 1-22-85, Cl. 354-416.000.

Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, to Canon Kabushiki Kaisha. Piezoelectric vibration wave motor with sloped drive surface. 4,495,432, 1-22-85, Cl. 310-328.000.

Katsuma, Makoto; Hiramatsu, Akira; and Murakami, Hiroyasu, to Canon Kabushiki Kaisha. Camera with a voice transmitting device. 4,502,771, 3-5-85, Cl. 354-289.100.

Katsuma, Makoto; Hiramatsu, Akira; Arakawa, Kazuhiko; and Murakami, Hiroyasu, to Canon Kabushiki Kaisha. Light measuring device for camera. 4,509,848, 4-9-85, Cl. 354-473.000.

Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, to Canon Kabushiki Kaisha. Vibration wave motor. 4,513,219, 4-23-85, Cl. 310-328.000.

Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, to Canon Kabushiki Kaisha. Drive system for a vibration wave motor for lens control. 4,560,263, 12-24-85, Cl. 354-195.100.

Katsuma, Makoto: *See—*

Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,491,401, Cl. 354-271.100.

Yamamoto, Hiroshi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,504,760, Cl. 310-323.000.

Katsumata, Akira: *See—*

Oshitani, Akiyoshi; and Katsumata, Akira, 4,531,792, Cl. 339-17.0CF.

Katsumata, Fuyuki, to Tomy Kogyo Company, Incorporated. Illuminating toy utilizing captive light conducting elements. 4,541,812, 9-17-85, Cl. 446-91.000.

Katsumata, Hideo; Katsumata, Shigeo; Ishii, Shinzo; and Arai, Yuko, to Kyowa Hakko Kogyo Co., Ltd. Process for purifying enzymes. 4,560,661, 12-24-85, Cl. 435-183.000.

Katsumata, Kenichiro; and Nobuta, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Positioning unit for radiation tomography apparatus. 4,558,458, 12-10-85, Cl. 378-20.000.

Katsumata, Ryoichi; Oka, Tetsuo; and Furuya, Akira, to Kyowa Hakko Kogyo Co., Ltd. Plasmids. 4,500,640, 2-19-85, Cl. 435-253.000.

Katsumata, Shigeo: *See—*

Katsumata, Hideo; Katsumata, Shigeo; Ishii, Shinzo; and Arai, Yuko, 4,560,661, Cl. 435-183.000.

Katsumata, Tsutomu; and Yokota, Masahisa, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for methylating the ortho position of a phenol. 4,517,389, 5-14-85, Cl. 568-804.000.

Katsumata, Tsutomu; and Dozono, Tetsuro, to Asahi Kasei Kogyo Kabushiki Kaisha. Production of methacrylonitrile. 4,541,964, 9-17-85, Cl. 260-465.300.

Katsumoto, Naoaki; Ohshiro, Hideyuki; and Sakai, Masanori, to Shiroki Kinzoku Kogyo Kabushiki Kaisha. Reclining angle adjustment device. 4,538,856, 9-3-85, Cl. 297-367.000.

Katsuno, Ryuji; and Tsuda, Toshihiko, to Fuji Xerox Co., Ltd. Thermal fixing roll for electrographic processing. 4,562,335, 12-31-85, Cl. 219-216.000.

Katsuo, Kenichi: *See—*

Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, 4,562,239, Cl. 528-65.000.

Katsuoka, Tatsuzo, to Yamaha Hatsudoki Kabushiki Kaisha. Four-cycle engine. 4,515,127, 5-7-85, Cl. 123-430.000.

Katsuoka, Tatsuzo, to Yamaha Hatsudoki Kabushiki Kaisha. Motorcycle. 4,527,831, 7-9-85, Cl. 297-243.000.

Katsura, Masaki; Harata, Mituo; Takikawa, Osamu; and Shiratori, Masayuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Cation emission type halogenated hydrocarbon gas detecting element. 4,499,054, 2-12-85, Cl. 422-98.000.

Katsura Sangyo Co., Ltd.: *See—*

Yamaguchi, Toyohiko; Kashima, Koichi; Ozutsumi, Minoru; and Morinaga, Masaru, 4,504,651, Cl. 528-360.000.

- Katsura, Tadahiko; Hirota, Kazumi; and Ueno, Hiroshi, to Toyo Seikan Kaisha, Ltd. Easily-openable heat-seal lid. 4,501,375, 2-26-85, Cl. 220-270.000.
- Katsura, Tadashi: *See*—
  - Masuko, Fujio; and Katsura, Tadashi, 4,536,599, Cl. 564-124.000.
  - Minai, Masayoshi; and Katsura, Tadashi, 4,496,767, Cl. 568-346.000.
  - Minai, Masayoshi; and Katsura, Tadashi, 4,511,655, Cl. 435-149.000.
  - Minai, Masayoshi; and Katsura, Tadashi, 4,535,182, Cl. 560-231.000.
  - Minai, Masayoshi; Katsura, Tadashi; Hamada, Kazuhiko; and Suzukamo, Gohfu, 4,542,235, Cl. 562-401.000.
- Katsura, Yousuke: *See*—
  - Ueda, Ikuo; Taniguchi, Kiyoshi; and Katsura, Yousuke, 4,562,190, Cl. 514-254.000.
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  - Kimura, Shuichi; and Katsuyama, Akira, 4,495,608, Cl. 369-33.000.
  - Kimura, Shuichi; and Katsuyama, Akira, 4,512,003, Cl. 369-45.000.
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  - Sekikawa, Nobuyoshi; Katsuyama, Harumi; and Kondo, Asaji, 4,548,906, Cl. 436-113.000.
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- Katsuyama, Mikizo: *See*—
  - Fujii, Teruo; and Katsuyama, Mikizo, 4,558,214, Cl. 250-216.000.
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- Katsuyama, Tsutomu, to Bell & Howell Japan Ltd. Device for storing exposed film for photographing and developing apparatus. 4,531,819, 7-30-85, Cl. 354-92.000.
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- Katto, Masayuki, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for inverter. 4,525,660, 6-25-85, Cl. 318-798.000.
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  - Tamai, Masaharu; Adachi, Takashi; Oguma, Kiyoshi; Hanada, Kazunori; Omura, Sadafumi; and Katunuma, Nobuhiko, 4,507,232, Cl. 260-112.50R.
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- Katz, Bernard B.: *See*—
  - Levatter, Jeffrey I., 4,498,183, Cl. 372-86.000.
- Katz, Carlos; and Zidon, Amicam C., to Cable Technology Laboratories, Inc. Apparatus for making shrinkable tubing. 4,519,759, 5-28-85, Cl. 425-97.000.
- Katz, Carlos, to Cable Technology Laboratories, Inc. High voltage electric power cable with thermal expansion accommodation. 4,533,789, 8-6-85, Cl. 174-102.00R.
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- Katz, Hart V., to International Acoustics Incorporated. Sound monitoring apparatus. 4,528,689, 7-9-85, Cl. 381-67.000.
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  - Wodlinger, Harold; and Katz, Hart V., 4,521,186, Cl. 433-71.000.
- Katz, Irving M., to Merck & Co., Inc. Ophthalmic use of norfloxacin and related antibiotics. 4,551,456, 11-5-85, Cl. 514-254.000.
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- Katz, Lawrence E.; and Dumas, Richard H., to Olin Corporation. Process for oxidizing halopyridines to halopyridine-N-oxides. 4,504,667, 3-12-85, Cl. 546-345.000.
- Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., to Data General Corporation. Method of performing a call operation in a digital data processing system having microcode call and return operations. 4,493,027, 1-8-85, Cl. 364-200.000.
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  - Antal, Paul S.; and Katz, Manfred, 4,499,716, Cl. 57-234.000.
- Katz, Maurice, to Creusot-Loire. Sealing device for hydraulic energy dissipator of the telescopic type. 4,535,998, 8-20-85, Cl. 277-212.0FB.
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  - Beer, Henri B.; Katz, Michael; and Hinden, Jean M., 4,543,174, Cl. 204-290.00R.
- Katz, Murray; and Schroll, Craig R., to United States of America, Energy. Short protection device for stack of electrolytic cells. 4,548,874, 10-22-85, Cl. 429-18.000.
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  - Brenman, Henry S.; Katz, Philip; and Singer, Mark, 4,510,939, Cl. 128-639.000.
  - Brenman, Henry S.; Katz, Philip; and Beatty, Graydon E., 4,519,400, Cl. 128-741.000.
  - Brenman, Henry S.; Katz, Philip; and Schwartz, Harold L., 4,542,753, Cl. 128-788.000.
- Katz, Richard: *See*—
  - Reiss, John R.; and Katz, Richard, 4,558,907, Cl. 303-74.000.
- Katz, Robert F. Combination toy and garment. 4,543,669, 10-1-85, Cl. 2-84.000.
- Katz, Ronald A.; and Goldman, Robert N., to Light Signatures, Inc. Merchandise verification and information system. 4,558,318, 12-10-85, Cl. 340-825.340.
- Katz, Saul N.; and Proscia, George E., to General Foods Corporation. Process for recovering caffeine from activated carbon. 4,513,136, 4-23-85, Cl. 544-275.000.
- Katz, Saul N.; and Skiff, Ronald H., to General Foods Corporation. Multi-phase liquid solvent decaffeination. 4,545,998, 10-8-85, Cl. 426-424.000.
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- Katzen, Stanley J.: *See*—
  - Rekers, Louis J.; and Katzen, Stanley J., 4,496,699, Cl. 526-105.000.
- Katzenstein, Jack. System and method for impact welding by magnetic propulsion. 4,504,714, 3-12-85, Cl. 219-9.500.
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- Katzin, Leonard. Compartmentalized dynamic mixing apparatus. 4,556,325, 12-3-85, Cl. 366-130.000.
- Katzman, Abe. Multi-colored wrapper label with readable data on both sides. 4,505,497, 3-19-85, Cl. 283-81.000.
- Katzman, Howard A.: *See*—
  - Gaulin, Camille A.; and Katzman, Howard A., 4,551,487, Cl. 523-215.000.
- Katzschner, Wolfgang, to Siemens Aktiengesellschaft. Ink jet color-coding method for leads. 4,503,437, 3-5-85, Cl. 346-1.100.
- Katzukura, Yoshiteru: *See*—
  - Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.
- Kaube, Peter; Schanz, Karl-Heinz; Vetter, Heinz; and Muller, Jens, to Rohm GmbH Chemische Fabrik. Webbed multiple sheets. 4,513,048, 4-23-85, Cl. 428-188.000.
- Kauder, Otto S.; and Keeley, Charles, to Argus Chemical Corporation. Stabilization of polyvinyl chloride. 4,508,863, 4-2-85, Cl. 524-181.000.
- Kauer, Harald. *See*—
  - Pietzsch, Ludwig; Kauer, Harald; Duren, Johannes; and Kuhn, Hugo, 4,523,487, Cl. 74-378.000.

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Kauffman, Jim W.: *See*—
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Kauffman, Marc: *See*—
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Kauffman, William J.; and Wright, Ralph W., to Armstrong World Industries, Inc. Method for making decorative laminate. 4,530,856, 7-23-85, Cl. 427-197.000.

Kaufhold, Horst T.: *See*—
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Kaufhold, Manfred; and Takken, Hendrik J., to Chemische Werke Huels AG; and Naarden International N.V. 2-methoxyethyl cyclododecenyl ether and processes for its preparation and conversion to 2-methoxyethyl cyclododecyl ether. 4,506,102, 3-19-85, Cl. 568-667.000.

Kaufhold, Manfred, to Chemische Werke Huels AG. Process for preparing cyclooctene-4-ol-1 from cyclooctadiene-1,5. 4,506,105, 3-19-85, Cl. 568-821.000.

Kaufman, Alexander A.; and McNeill, James D., to Geonics Limited. Signal processing apparatus for frequency domain geophysical electromagnetic surveying system. 4,544,892, 10-1-85, Cl. 324-334.000.

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Kaufman, Benjamin J.; and Sung, Rodney L., to Texaco Inc. Isopropylidene malonate-N-alkyl alkylenediamine condensation products. 4,496,368, 1-29-85, Cl. 44-63.000.

Kaufman, Benjamin J.; Liu, Christopher S.; and Sung, Rodney L., to Texaco Inc. Reaction products of glycidyl derivatized polyolefins and 5-aminotetrazoles and lubricating oils containing same. 4,500,440, 2-19-85, Cl. 252-51.50A.

Kaufman, Benjamin J.; and Sung, Rodney L., to Texaco Inc. Mannich reaction product and a motor fuel composition containing same. 4,508,541, 4-2-85, Cl. 44-71.000.

Kaufman, Benjamin J.: *See*—
Karol, Thomas J.; Sung, Rodney L.; and Kaufman, Benjamin J., 4,548,724, Cl. 252-51.50A.
Sung, Rodney L.; Kaufman, Benjamin J.; and Dorn, Peter, 4,518,782, Cl. 548-353.000.
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Kaufman, Emery M. Drill bit jig. 4,492,498, 1-8-85, Cl. 408-115.00R.

Kaufman, Ernest D.; and Dexter, Robin W., to American Cyanamid Company. Delivery of polymeric antiprecipitants in oil wells employing an oil soluble carrier system. 4,518,511, 5-21-85, Cl. 252-8.55B.

Kaufman, Frank B.: *See*—
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Kaufman, George A., III; and Kocher, Mark J., to General Electric Company. Two stage electrical braking for a variable speed AC induction motor. 4,514,677, 4-30-85, Cl. 318-759.000.

Kaufman, Geraldine M.: *See*—
Ash, Stephen R.; and Kaufman, Geraldine M., 4,559,039, Cl. 604-175.000.

Kaufman, Harold B., Jr.; McCarthy, John P.; Entner, Bernard J.; and Wallenfels, Kurt, to DCA Food Industries Inc. Method of fixing an edible coating to a food product. 4,556,572, 12-3-85, Cl. 426-289.000.

Kaufman, Harold R.: *See*—
Cuomo, Jerome J.; Harper, James M. E.; Kaufman, Harold R.; and Speidell, James L., 4,523,971, Cl. 156-345.000.
Cuomo, Jerome J.; and Kaufman, Harold R., 4,541,890, Cl. 156-345.000.

Kaufman, Harry J. Well casing float shoe or collar. 4,532,995, 8-6-85, Cl. 166-327.000.

Kaufman, Henry. Protective shield attache case. 4,546,863, 10-15-85, Cl. 190-102.000.

Kaufman, Jack W.; and Gardner, Donald E. Medical device. 4,516,970, 5-14-85, Cl. 604-270.000.

Kaufman, Jack W.: *See*—
Blake, Joseph W., III; and Kaufman, Jack W., 4,523,707, Cl. 227-19.000.
Blake, Joseph W., III, 4,532,925, Cl. 128-325.000.

Kaufman, Lance R. Electrical sub-assembly having a lead frame to be compressed between a circuit board and heat sink. 4,498,120, 2-5-85, Cl. 361-386.000.

Kaufman, Lance R. Circuit package with membrane, containing thermoconductive material, ruptured against a heat sink. 4,546,410, 10-8-85, Cl. 361-387.000.

Kaufman, Lance R. Mounting of a compact circuit package to a heat sink or the like. 4,546,411, 10-8-85, Cl. 361-387.000.

Kaufman, Lance R. Multiple substrate circuit package. 4,554,613, 11-19-85, Cl. 361-386.000.

Kaufman, Lazar. Handle for a shopping cart. 4,527,813, 7-9-85, Cl. 280-654.000.

Kaufman, Lazar. Security device for preventing separation of a lock from a door. 4,548,062, 10-22-85, Cl. 70-417.000.

Kaufman, Martin H. Solar collector system for heating fluids. 4,530,348, 7-23-85, Cl. 126-444.000.

Kaufman, Nancy K.: *See*—
Harte, Richard A.; Chen, Anthony B.; and Kaufman, Nancy K., 4,540,660, Cl. 435-7.000.

Kaufman, Robert J.: *See*—
Franz, John E.; and Kaufman, Robert J., 4,496,389, Cl. 71-86.000.
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Kaufman, Vernon R., to Tecumseh Products Company. Yoke thrust bearing for a piston and connecting rod assembly. 4,549,445, 10-29-85, Cl. 74-579.00R.

Kaufmann, Anna: *See*—
Braun, Moritz; Kaufmann, Anna; and Muller, Edwin, 4,554,063, Cl. 204-254.000.

Kaufmann, Dieter: *See*—
Enderle, Eckhard; and Kaufmann, Dieter, 4,560,213, Cl. 308-5.00R.

Kaufmann, Erich, to D. W. Nicholson Corporation. Cable wheel mounting for cable cars. 4,492,416, 1-8-85, Cl. 384-474.000.

Kaufmann, F. William, III; and Zwiebel, Alan, to Random House, Inc., a part interest. Fold-out garment book. 4,493,650, 1-15-85, Cl. 434-178.000.

Kaufmann, Heinrich; and Brenner, Friedhelm, to Develop Dr. Eisbein GmbH & Co. Guide path for transfer of sheets to a fixing apparatus of a copying machine. 4,525,057, 6-25-85, Cl. 355-3.0FU.

Kaufmann, Herbert; and Larsson, Jan, to ASEA Aktiebolag. Contact device for heavy electrical currents. 4,506,123, 3-19-85, Cl. 200-83.00J.

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Kaufmann, Juergen, to Union Special Corporation. Thread control mechanism for sewing machines. 4,492,174, 1-8-85, Cl. 112-248.000.

Kaufmann, Lothar; and Hellwig, Klaus-Dieter, to Degussa Aktiengesellschaft. Method for preparation of alkali metal selenates. 4,536,383, 8-20-85, Cl. 423-508.000.

Kaufmann, Meinolph; and Schad, Hanspeter, to BBC Brown, Boveri & Company, Limited. Homeotropic nematic display with internal reflector. 4,492,432, 1-8-85, Cl. 350-338.000.

Kaufmann, Peter, to Aquarius fur Dichte Bauten AG. Hose-like seal device for concrete joints. 4,499,925, 2-19-85, Cl. 138-125.000.

Kaufmann, Richard O. Continuous flow laundry system and method. 4,546,511, 10-15-85, Cl. 8-158.000.

Kaufmann, Robert. Educational toy for teaching alphanumeric sequences. 4,509,920, 4-9-85, Cl. 434-159.000.

Kaufmann, Vendelin: *See*—
Fuchs, Wilfried; Richter, Horst; Kober, Roland; Kaufmann, Vendelin; and Muller, Christina, 4,519,997, Cl. 423-265.000.
Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Muller, Christina; Kober, Roland; and Renker, Wolfgang, 4,532,068, Cl. 252-188.280.
Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Renker, Wolfgang; and Kober, Roland, 4,540,494, Cl. 210-750.000.

Kaufmann, William A., to Teledyne Industries, Inc. Machine for electric arc welding and air carbon arc gouging on vertical curved or straight walls. 4,540,870, 9-10-85, Cl. 219-126.000.

Kaukaskie, Donald C., to Deere & Company. Dual brake pedal lock mechanism. 4,539,863, 9-10-85, Cl. 74-540.000.

Kaul, Bansi L., to Sandoz Ltd. 1,4-di-[2′-(2″,4″-dichlorophenylazo)acetoacetamido]-2,5-1,4-Di-[2′-(2″,4″-Dichlorophenylazo)acetoacetamido]-2,5-dimethylbenzene dimethylbenzene. 4,540,775, 9-10-85, Cl. 534-575.000.

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Kaul, Bansi L.: *See*—
Bitterli, Peter; and Kaul, Bansi L., 4,494,955, Cl. 8-512.000.

Kaul, Martin: *See*—
Opprecht, Paul; Weil, Wolfgang; and Kaul, Martin, 4,536,636, Cl. 219-83.000.
Weil, Wolfgang; Lanz, Andres; Vogt, Max; Meier, Paul; Kaul, Martin; and Fankhauser, Hanspeter, 4,493,962, Cl. 219-64.000.

Kaule, Wittich; Renz, Walter; and Stenzel, Gerhard, to GAO Gesellschaft fur Automation und Organisation mbH. Method of determining the degree of wear of bank-notes and a device for carrying out this method. 4,516,031, 5-7-85, Cl. 250-562.000.

Kaule, Wittich; Schwenk, Gerhard; and Stenzel, Gerhard, to GAO Gesellschaft fur Automation und Organisation mbH. Process for authenticity determination of security documents with security features in the form of luminescing substances. 4,533,244, 8-6-85, Cl. 356-71.000.

Kaumeheiwa, Algen K.: *See—*
- Fizyta, Wojciech L.; and Kaumeheiwa, Algen K., 4,516,288, Cl. 15-250.040.

Kaun, Thomas D., to United States of America, Energy. Cell design for lithium alloy/metal sulfide battery. 4,540,642, 9-10-85, Cl. 429-131.000.

Kaupat, Peter H. Kayak steering system. 4,556,006, 12-3-85, Cl. 114-162.000.

Kauppi, Heikki: *See—*
- Granberg, Carl-Gustav; and Kauppi, Heikki, 4,509,413, Cl. 99-453.000.

Kauppi, Peter K., to New Fibers International Inc. Pulping process pretreatment using a lower alkanolamine in the presence of ammonium hydroxide. 4,552,616, 11-12-85, Cl. 162-19.000.

Kaus, Gerhard: *See—*
- Bohlen, Harald; Kaus, Gerhard; Greschner, Johann; Keyser, Joachim H.; and Kulcke, Werner, 4,522,893, Cl. 428-641.000.
- Ertingshausen, Friedrich; Heinrich, Volker; Hinkel, Holger; Kaus, Gerhard; Kempf, Jurgen; Nauth, Hans-Georg; and Schrader, Manfred, 4,549,238, Cl. 360-103.000.

Kausch, William L., to Minnesota Mining and Manufacturing Company. Negative-acting photoresist imaging system. 4,544,622, 10-1-85, Cl. 430-278.000.

Kausch, William L.: *See—*
- Rousseau, Alan D.; Fohrenkamm, Elsie A.; and Kausch, William L., 4,507,382, Cl. 430-275.000.

Kausche, Helmold; Moeller, Matthias; and Fischer, Franz, to Siemens Aktiengesellschaft. Amorphous silicon solar cell. 4,492,813, 1-8-85, Cl. 136-256.000.

Kausche, Helmold: *See—*
- Moeller, Matthias; and Kausche, Helmold, 4,511,756, Cl. 136-258.000.
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Kauserud, Hakon, to Dansk Industri Syndikat A/S. Plant for the production of castings in a stepwise advanced casting mould consisting of identical, flaskless mould parts. 4,549,600, 10-29-85, Cl. 164-323.000.

Kausga, Takuzo; Ikenaga, Yukio; and Suzuki, Kunio, to Polyplastics Company, Ltd. Polyacetal resin composition. 4,555,357, 11-26-85, Cl. 252-511.000.

Kauss, Wolfgang: *See—*
- Mucheyer, Norbert; and Kauss, Wolfgang, 4,510,847, Cl. 91-461.000.

Kaustrater, Gert, to KUKA Wehrtechnik GmbH. Turret assembly with articulated cover for access opening. 4,519,292, 5-28-85, Cl. 89-36.130.

Kauth, William: *See—*
- Thais, William; and Kauth, William, 4,547,981, Cl. 36-89.000.

Kautt & Bux KG: *See—*
- Gerlach, Heinz; and Worner, Lothar, 4,562,369, Cl. 310-235.000.

Kautter, William J., Jr.: *See—*
- Gard, Eric A.; Kautter, William J., Jr.; and Bartsch, Kenneth E., 4,535,854, Cl. 177-1.000.

Kautz, Franz A.: *See—*
- Smith, Lawther O.; Howard, Timothy L.; and Kautz, Franz A., 4,548,389, Cl. 267-64.110.

Kautz, Rudolf: *See—*
- Breitscheidel, Hans-Ulrich; Anshen, Walter H.; and Kautz, Rudolf, 4,542,057, Cl. 428-126.000.

Kavaloski, Peter P.: *See—*
- Levine, Harold H.; Kavaloski, Peter P.; and Hale, Thomas K., 4,559,939, Cl. 128-201.280.

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Kaveh, Farrokh, to Owens-Corning Fiberglas Corporation. Blower for the attenuation of fibers. 4,497,644, 2-5-85, Cl. 65-14.000.

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Kavesh, Sheldon; and Prevorsek, Dusan C., to Allied Corporation. Producing high tenacity, high modulus crystalline article such as fiber or film. 4,551,296, 11-5-85, Cl. 264-177.00F.

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- Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,501,856, Cl. 525-240.000.
- Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,543,286, Cl. 428-288.000.

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- Goldwasser, Eugene; Kavinsky, Clifford; and Weiss, Tania L., 4,558,005, Cl. 435-7.000.

Kavli, Tom O.: *See—*
- Park, Kyong; and Kavli, Tom O., 4,544,875, Cl. 323-280.000.

Kavlico Corporation: *See—*
- Park, Kyong; and Kavli, Tom O., 4,544,875, Cl. 323-280.000.

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- Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., 4,541,835, Cl. 44-53.000.
- Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., 4,541,837, Cl. 44-53.000.

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- Baltzer, Karen L.; and Peterson, Jan B., 4,538,229, Cl. 364-428.000.

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- Matsuyama, Junya; Kamada, Akio; Kawabata, Fumimaru; Uegaki, Tatsufumi; and Miyake, Shigeru, 4,527,033, Cl. 219-61.000.

Kawabata, Fumio: *See—*
- Kuwahata, Toshikatsu; Kawabata, Fumio; and Kurosawa, Genzo, 4,559,584, Cl. 362-86.000.

Kawabata, Hidetsugu: *See—*
- Kudo, Yoshihiko; Kawabata, Hidetsugu; Birukawa, Masahiro; Hara, Noriaki; and Muto, Akira, 4,497,870, Cl. 428-457.000.

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- Takaya, Takao; Takasugi, Hisashi; Masugi, Takashi; Yamanaka, Hideaki; and Kawabata, Kohji, 4,559,334, Cl. 514-202.000.

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- Mimura, Nobuharu; Yoshida, Kazunori; Kawabata, Susumu; and Hasegawa, Junzo, 4,516,611, Cl. 139-452.000.
- Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi: Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.

Kawabata, Takashi, to Canon Kabushiki Kaisha. Radiation sensing system. 4,495,415, 1-22-85, Cl. 250-336.100.

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Kawabata, Takashi; Shinoda, Nobuhiko; and Sakai, Shinji, to Canon Kabushiki Kaisha. Battery voltage checking device for cameras. 4,522,480, 6-11-85, Cl. 354-468.000.

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- Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.
- Kinoshita, Takao; Kawabata, Takashi; Hosoe, Kazuya; Tsunekawa, Tokuichi; and Sakane, Toshio, 4,560,864, Cl. 250-201.000.
- Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, 4,547,663, Cl. 250-201.000.
- Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, 4,491,403, Cl. 354-409.000.
- Sakai, Shinji; Shinoda, Nobuhiko; Kinoshita, Takao; Hosoe, Kazuya; and Kawabata, Takashi, 4,496,832, Cl. 250-201.000.
- Sakai, Shinji; and Kawabata, Takashi, 4,509,841, Cl. 354-400.000.
- Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, 4,538,892, Cl. 354-402.000.
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- Sakai, Shinji; Kawabata, Takashi; and Harada, Yoshihito, 4,554,674, Cl. 377-17.000.

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- Yanadori, Michio; and Kawabata, Toshiaki, 4,541,261, Cl. 72-112.000.

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- Hashimoto, Mitsuru; Kawabata, Toshiyasu; Nanya, Toshiki; and Murayama, Hisao, 4,554,233, Cl. 430-106.600.

Kawabata, Yasuhiro; and Akagi, Motonobu, to Aisin Seiki Kabushiki Kaisha. Turbocharger control system. 4,512,153, 4-23-85, Cl. 60-611.000.

Kawabata, Yasuhiro; Kadokawa, Yoshio; Mori, Nobuyuki; and Suzuki, Shinji, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho; and Kabushiki Kaisha Toyota Chuo Kenkyusho. Low-vibration steering device. 4,517,854, 5-21-85, Cl. 74-492.000.

Kawabata, Yasuhiro: *See—*
- Akagi, Motonobu; Kawabata, Yasuhiro; and Hattori, Kyo, 4,530,374, Cl. 137-625.300.
- Tsuchikawa, Shunzo; and Kawabata, Yasuhiro, 4,539,943, Cl. 123-41.050.

Kawabata, Yoshimasa; and Otsuki, Susumu, to Matsushita Electric Industrial Co., Ltd. Display device for portable type electrical equipment. 4,558,396, 12-10-85, Cl. 361-399.000.

- Kawabata, Yuichi: *See—*
  - Koyama, Kazumi; Fukushima, Toshitaka; and Kawabata, Yuichi, 4,498,022, Cl. 307-473.000.
- Kawabe, Kenji: *See—*
  - Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.
- Kawabe, Kiyoshi: *See—*
  - Tajima, Yoshio; Miyoshi, Mituji; Sugita, Shoji; Kawabe, Kiyoshi; and Matsuura, Kazuo, 4,525,555, Cl. 526-125.000.
- Kawabe, Norio; Tsuda, Mikio; and Kobashi, Sadao, to Toray Industries, Inc. Treatment of image-forming laminated plate. 4,496,647, 1-29-85, Cl. 430-303.000.
- Kawabe, Tadashi: *See—*
  - Tanaka, Minoru; Kawabe, Tadashi; and Kobune, Masafumi, 4,504,453, Cl. 423-345.000.
  - Tanaka, Minoru; and Kawabe, Tadashi, 4,525,335, Cl. 423-344.000.
- Kawabe, Toshihiko: *See—*
  - Amemori, Koichi; Kawabe, Toshihiko; and Takahashi, Yosuke, 4,515,120, Cl. 123-368.000.
  - Amemori, Koichi; Kawabe, Toshihiko; and Miyazaki, Manabu, 4,538,561, Cl. 123-90.440.
  - Amemori, Koichi; and Kawabe, Toshihiko, 4,554,892, Cl. 123-41.82R.
  - Amemori, Koichi; Takahashi, Yosuke; Miyazaki, Manabu; Tsukahara, Hiroaki; Kawabe, Toshihiko; and Banba, Toshio, 4,557,235, Cl. 123-367.000.
- Kawabe, Ushio: *See—*
  - Kotera, Nobuo; Hatano, Yuji; Asano, Atsushi; and Kawabe, Ushio, 4,555,643, Cl. 307-476.000.
- Kawabe, Yunosuke; and Momma, Yoshinobu, to Fujitsu Limited. Method for producing a semiconductor device utilizing V-groove etching and thermal oxidation. 4,546,537, 10-15-85, Cl. 29-576.00W.
- Kawaberi, Seiji: *See—*
  - Okada, Hisao; Tanaka, Seiichiro; and Kawaberi, Seiji, 4,518,993, Cl. 358-114.000.
- Kawabuchi, Katsuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of making improved aluminum metallization in self-aligned polysilicon gate technology. 4,514,233, 4-30-85, Cl. 148-1.500.
- Kawachi, Hideo: *See—*
  - Higashihara, Teruaki; Nonaka, Chiaki; Yoshida, Tadao; and Kawachi, Hideo, 4,519,057, Cl. 369-50.000.
  - Higashihara, Teruaki; Yoshida, Tadao; Kawachi, Hideo; and Nonaka, Chiaki, 4,530,073, Cl. 369-50.000.
- Kawachi, Masayuki; and Kono, Yasushi, to Mazda Motor Corporation. Fuel injection means having air bleed means. 4,557,241, 12-10-85, Cl. 123-585.000.
- Kawachi, Shoji: *See—*
  - Nakagawa, Shinichi; Asano, Kohzoh; Sakata, Shinsuke; Adachi, Tokio; and Kawachi, Shoji, 4,552,925, Cl. 525-200.000.
  - Tomoda, Masayasu; Kawachi, Shoji; and Tanaka, Hiroyuki, 4,491,536, Cl. 252-511.000.
- Kawachi, Takeshi: *See—*
  - Kita, Daizo; Nakamura, Tsutomu; and Kawachi, Takeshi, 4,551,256, Cl. 252-8.5LC.
- Kawachi, Tatsuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Nuclear magnetic resonance diagnostic apparatus. 4,545,384, 10-8-85, Cl. 128-653.000.
- Kawachi, Yasunori: *See—*
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  - Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,528,330, Cl. 525-85.000.
- Kawachi, Youji: *See—*
  - Hagio, Shigeru; and Kawachi, Youji, 4,524,104, Cl. 428-341.000.
- Kawada, Emiko: *See—*
  - Kubo, Sanae; and Kawada, Emiko, 4,560,554, Cl. 424-71.000.
- Kawada, Hiroshi: *See—*
  - Hasebe, Nobuhisa; Kawada, Hiroshi; and Komine, Isamu, 4,498,518, Cl. 164-416.000.
  - Hasebe, Nobuhisa; Kawada, Hiroshi; Yokoyama, Naoki; and Komori, Shigeki, 4,522,540, Cl. 409-293.000.
  - Yamano, Masaru; Nagaoka, Isao; Kuwano, Yukinori; Kawada, Hiroshi; and Sakai, Souichi, 4,542,578, Cl. 29-572.000.
- Kawada, Keiichi: *See—*
  - Enomoto, Masaru; Kimura, Kenji, and Kawada, Keiichi, 4,519,364, Cl. 123-432.000.
- Kawada, Mitsuru: *See—*
  - Morimoto, Hiroshi; Imada, Isuke; Watanabe, Masazumi: and Kawada, Mitsuru, 4,525,361, Cl. 514-689.000.
  - Sugihara, Hirosada; Watanabe, Masazumi; Kawada, Mitsuru; and Imada, Isuke, 4,558,068, Cl. 514-462.000.
- Kawada, Shigeki; and Ishida, Hiroshi, to Fujitsu Fanuc Limited. System for detecting rotational speed. 4,518,916, 5-21-85, Cl. 324-173.000.
- Kawada, Shigeki; Amemiya, Yoichi; Sogabe, Masatoyo; and Iwamatsu, Noboru, to Fanuc Ltd. Stator of motor. 4,538,084, 8-27-85, Cl. 310-217.000.
- Kawada, Shigeki; Amemiya, Yoichi; and Sogabe, Masatoyo, to Fanuc Ltd. Permanant magnet field type rotor structure for an electric machine. 4,543,506, 9-24-85, Cl. 310-156.000.
- Kawada, Shoiti: *See—*
  - Tarusawa, Tetsunobu; Kawada, Shoiti; and Senzai, Ryosuke, 4,552,179, Cl. 137-625.650.
- Kawada, Tetsuo; and Ozawa, Yoshio, to Copal Company Limited. Color correcting device for color printing light source. 4,492,457, 1-8-85, Cl. 355-38.000.
- Kawada, Yasuyuki: *See—*
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,512,404, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,532,053, Cl. 252-8.55D.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,534,411, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,537,253, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,549,607, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,555,351, Cl. 252-8.55D.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,556,108, Cl. 166-274.000.
- Kawade, Tateo: *See—*
  - Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, 4,496,170, Cl. 280-801.000.
  - Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, 4,531,762, Cl. 280-801.000.
- Kawaei Co., Ltd.: *See—*
  - Kawaguchi, Mamoru, 4,552,133, Cl. 128-44.000.
- Kawagishi, Toshio: *See—*
  - Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, 4,500,630, Cl. 430-386.000.
  - Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, 4,540,654, Cl. 430-381.000.
- Kawagoe, Hiroto, to Hitachi, Ltd. Semiconductor integrated circuit device manufacturing method. 4,514,894, 5-7-85, Cl. 29-571.000.
- Kawagoe, Nobukazu: *See—*
  - Yuasa, Yoshio; and Kawagoe, Nobukazu, 4,518,250, Cl. 355-69.000.
  - Yuasa, Yoshio; Kawagoe, Nobukazu; and Yasumoto, Hidetoshi, 4,531,830, Cl. 355-56.000.
  - Yuasa, Yoshio; Yasumoto, Hidetoshi; Kawagoe, Nobukazu; Naruse, Kazuhiko; and Inaba, Masahito, 4,551,011, Cl. 355-35.000.
- Kawagoe, Takashi: *See—*
  - Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, 4,534,692, Cl. 414-282.000.
  - Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, 4,538,950, Cl. 414-222.000.
  - Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, 4,547,955, Cl. 29-568.000.
- Kawagoshi, Hiroshi: *See—*
  - Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shinpei, 4,537,873, Cl. 502-242.000.
- Kawaguchi, Akio: *See—*
  - Hiraiwa, Kazuyoshi; and Kawaguchi, Akio, 4,495,832, Cl. 74-475.000.
  - Hiraiwa, Kazuyoshi; and Kawaguchi, Akio, 4,531,424, Cl. 74-477.000.
- Kawaguchi, Hatsuo, to Kabushiki Kaisha Ishida Koki Seisakusho. Device for checking the printing circuit of a thermal printer. 4,519,075, 5-21-85, Cl. 371-15.000.
- Kawaguchi, Hideo; and Nomura, Etuzo, to Brother Kogyo Kabushiki Kaisha. Automatic work guiding apparatus for sewing machines. 4,541,347, 9-17-85, Cl. 112-121.110.
- Kawaguchi, Hiroshi; and Nishina, Shuho, to Toyota Jidosha Kabushiki Kaisha. Foot-operated control device for parking brake. 4,519,270, 5-28-85, Cl. 74-535.000.
- Kawaguchi, Hiroshi; Konishi, Masataka; Sugawara, Koko; and Tomita, Koji, to Bristol-Myers Company. Fermentation process for preparation of antibiotic Bu-2517. 4,533,631, 8-6-85, Cl. 435-70.000.
- Kawaguchi, Hiroshi: *See—*
  - Hanada, Minoru; Tsunakawa, Mitsuaki; Tomita, Koji; Tsukiura, Hiroshi; and Kawaguchi, Hiroshi, 4,504,580, Cl. 435-74.000.
  - Hatori, Masami; Ohkuma, Hiroaki; Konishi, Masataka; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,508,647, Cl. 260-239.30T.
  - Konishi, Masataka; Sugawara, Koko; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,518,589, Cl. 514-27.000.
  - Konishi, Masataka; Sakai, Fumihide; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,546,084, Cl. 435-253.000.
- Kawaguchi, Ikuo: *See—*
  - Nakahata, Kozo; Kawaguchi, Ikuo; and Yamaguchi, Kazuo, 4,528,634, Cl. 364-491.000.
- Kawaguchi, Katsukiyo: *See—*
  - Suzuki, Michihiko; Kawaguchi, Katsukiyo; and Kojima, Yoshihiko, 4,505,946, Cl. 427-29.000.
- Kawaguchi, Kazuo: *See—*
  - Sano, Tsunenori; and Kawaguchi, Kazuo, 4,556,336, Cl. 401-199.000.
- Kawaguchi, Kiyoshi; and Yamada, Muneki, to Toyo Seikan Kaisha, Ltd. Method for making a plastic container. 4,519,977, 5-28-85, Cl. 264-550.000.
- Kawaguchi, Kizo: *See—*
  - Matsuda, Teruo; and Kawaguchi, Kizo, 4,534,133, Cl. 51-58.000.
- Kawaguchi, Mamoru, to Kawaei Co., Ltd. Rapid exhaust valve for use in blood circulation stimulator. 4,552,133, 11-12-85, Cl. 128-44.000.
- Kawaguchi, Masafumi: *See—*
  - Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, 4,518,353, Cl. 432-205.000.
- Kawaguchi, Masayuki: *See—*
  - Watanabe, Nobuatsu; Nakajima, Tsuyoshi; and Kawaguchi, Masayuki, 4,511,493, Cl. 252-507.000.

Watanabe, Nobuatsu; Nakajima, Tsuyoshi; and Kawaguchi, Masayuki, 4,515,709, Cl. 252-509.000.

Kawaguchi, Mitsuru, to Kotobuki Engineering & Mfg Company, Ltd. Method of withdrawing particulate material from dead-bed of centrifugal crusher and centrifugal crusher suitable for carrying the method into practice. 4,515,316, 5-7-85, Cl. 241-5.000.

Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Miyake, Masayoshi, to Sumitomo Electric Industries, Ltd. Enameled wires. 4,511,624, 4-16-85, Cl. 428-379.000.

Kawaguchi, Munetaka: *See—*

Miyake, Masayoshi; Ueoka, Isao; Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Yamamoto, Teruyuki, 4,508,779, Cl. 428-383.000.

Kawaguchi, Nobuichi, legal representative: *See—*

Kawaguchi, Yukio, deceased; and Kawaguchi, Nobuichi, legal representative, 4,511,833, Cl. 318-696.000.

Kawaguchi, Seiji; Fujiwara, Takeki; Kodama, Shigeo; Ito, Haruo; and Yamamoto, Kyuemon, to Dowa Mining Co., Ltd. Apparatus for wall timbering of drifts, tunnels, and the like. 4,540,065, 9-10-85, Cl. 182-63.000.

Kawaguchi, Susumu; and Morinushi, Ken, to Mitsubishi Denki Kabushiki Kaisha. Rolling piston type compressor. 4,537,567, 8-27-85, Cl. 418-63.000.

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Hirahara, Takuho; Sano, Fumiaki; Ishijima, Koji; Kawaguchi, Susumu; and Nakane, Kazuhiro, 4,560,329, Cl. 418-47.000.

Kawaguchi, Tadaaki: *See—*

Sato, Mineo; Kawaguchi, Tadaaki; Okawachi, Yukinori; and Funahashi, Yasuyuki, 4,507,940, Cl. 62-407.000.

Kawaguchi, Takehiko, to Taiyo Sanso Kabushiki Kaisha. Detachable holder for containers. 4,511,167, 4-16-85, Cl. 294-28.000.

Kawaguchi, Takeshi, to Honda Giken Kogyo Kabushiki Kaisha. Disc brake system with fan means. 4,550,809, 11-5-85, Cl. 188-18.00A.

Kawaguchi, Takeshi; Ishikawa, Yoshimi; and Oonishi, Taizo, to Honda Giken Kogyo Kabushiki Kaisha. Front wheel suspension system for motorcycle or the like. 4,552,373, 11-12-85, Cl. 280-276.000.

Kawaguchi, Takeshi, to Honda Giken Kogyo Kabushiki Kaisha. Front fork for a two-wheeled vehicle. 4,553,769, 11-19-85, Cl. 280-276.000.

Kawaguchi, Teruhiko; Nishimura, Yuji; and Fujiwara, Akinori, to Kabushiki Kaisha Tokai Rika Denki Seisakushao. Webbing tension device. 4,538,774, 9-3-85, Cl. 242-107.000.

Kawaguchi, Teruhiko; and Ando, Takayuki, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Webbing tension device. 4,545,546, 10-8-85, Cl. 242-107.000.

Kawaguchi, Teruhiko: *See—*

Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, 4,546,934, Cl. 242-107.000.

Kawaguchi, Toshihiro; Ishizaka, Mineo; and Doi, Hiyoshi, to Takeda Chemical Industries, Ltd. Granular material processing apparatus with seal for stirrer shaft or the like formed by the granular material. 4,509,568, 4-9-85, Cl. 141-129.000.

Kawaguchi, Toshio: *See—*

Kusumoto, Koshi; Kawaguchi, Toshio; and Ogata, Takayuki, 4,533,701, Cl. 525-370.000.

Kusumoto, Koshi; Kawaguchi, Toshio; Nakahara, Takeshi; and Kunimoto, Shinichiro, 4,535,102, Cl. 523-116.000.

Kawaguchi, Yoshikazu; Maruyama, Seiichro; and Kawasaki, Hiroyuki, to Mitsubishi Chemical Industries Limited. Production of molded articles having excellent optical characteristics. 4,514,357, 4-30-85, Cl. 264-328.160.

Kawaguchi, Yoshio: *See—*

Nakata, Shuji; Kawaguchi, Yoshio; and Aono, Susumu, 4,503,312, Cl. 219-117.100.

Nakata, Shuji; Kawaguchi, Yoshio; and Nishimura, Akira, 4,521,665, Cl. 219-117.100.

Kawaguchi, Yozi: *See—*

Hiragami, Yoshiaki; Yabu, Mikio; and Kawaguchi, Yozi, 4,501,783, Cl. 428-147.000.

Kawaguchi, Yuji: *See—*

Yano, Yoshiki; and Kawaguchi, Yuji, 4,553,510, Cl. 123-90.340.

Kawaguchi, Yukio, deceased; and Kawaguchi, Nobuichi, legal representative, to Tokyo Electric Co., Ltd. Stepping motor driving circuit. 4,511,833, 4-16-85, Cl. 318-696.000.

Kawaguchiko Seimitsu Company Limited: *See—*

Yokoyama, Eisuke, 4,554,783, Cl. 59-82.000.

Kawaguti, Hatsuo: *See—*

Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, 4,532,105, Cl. 420-451.000.

Kawahara, Akira, to Ryusyo Industrial Co., Ltd. Clasping device. 4,527,309, 7-9-85, Cl. 24-68.0CD.

Kawahara, Atsushi: *See—*

Hada, Kazunari; Fujii, Norio; Kawahara, Atsushi; Azuma, Toru; and Hazama, Junji, 4,506,382, Cl. 382-27.000.

Kawahara, Hideo: *See—*

Kato, Yukihiro; Kawahara, Hideo; and Hyohdou, Masato, 4,500,567, Cl. 427-255.300.

Kawahara, Hiroshi, to Brother Kogyo Kabushiki Kaisha. Printing hammer driver mechanism. 4,491,069, 1-1-85, Cl. 101-93.030.

Kawahara, Hiroshi; and Nakamura, Kazuo, to Brother Kogyo Kabushiki Kaisha. Type wheel changing mechanism in a printer. 4,493,569, 1-15-85, Cl. 400-144.200.

Kawahara, Hisashi; Kihara, Hiroyuki; and Sase, Masahiro, to Citizen Watch Co., Ltd. Multi-function analogue type watch. 4,505,594, 3-19-85, Cl. 368-73.000.

Kawahara, Kazuto, to Teraoka Seiko Co., Ltd. Weighing and packing apparatus. 4,551,962, 11-12-85, Cl. 53-131.000.

Kawahara, Manabu: *See—*

Hamada, Takaaki; Kobayakawa, Yohji; Nishikawa, Akira; and Kawahara, Manabu, 4,546,857, Cl. 186-37.000.

Kawahara, Masakatsu; and Takeda, Masaru, to Kobe Steel, Limited. Master/slave fluid pressure apparatus. 4,509,404, 4-9-85, Cl. 91-388.000.

Kawahara, Saburo: *See—*

Yokogawa, Tetsuya; Futami, Ryuhei; and Kawahara, Saburo, 4,528,001, Cl. 55-37.000.

Kawahara, Tetsuo; Mizokami, Hiroshi; Mizuno, Kyosuke; and Susumi, Sadao, to Juridicial Foundation, The Chemo-Semo-Sero-Therapeutic Research Institute. Method for purification of hepatitis B virus surface antigen. 4,515,714, 5-7-85, Cl. 260-112.00R.

Kawahara, Yoshiaki: *See—*

Abe, Norio; and Kawahara, Yoshiaki, 4,543,149, Cl. 156-350.000.

Kawahara, Yoshihiro; and Hayashi, Kiyoshi, to Mita Industrial Co., Ltd. Electrostatic recording apparatus. 4,516,141, 5-7-85, Cl. 346-153.100.

Kawahara, Yoshihiro; and Hayashi, Kiyoshi, to Mita Industrial Co., Ltd. Electrostatic recording apparatus. 4,518,975, 5-21-85, Cl. 346-153.100.

Kawaharada, Hajime: *See—*

Hasegawa, Junzo; Ogura, Masahiro; Kanema, Hiroshi; Kawaharada, Hajime; and Watanabe, Kiyoshi, 4,540,665, Cl. 435-146.000.

Kawaharada, Junji: *See—*

Nagamoto, Mitsuki; Hashiya, Yukio; and Kawaharada, Junji, 4,498,065, Cl. 335-79.000.

Kawaharazuka, Yukio, to Kioritz Corporation. Vibration damping device for mowing machine. 4,491,184, 1-1-85, Cl. 173-162.00R.

Kawaharazuka, Yukio; and Iida, Giichi, to Kioritz Corporation. Throttle lever device of power-driven backpack type machine. 4,552,100, 11-12-85, Cl. 123-2.000.

Kawahashi, Masaru: *See—*

Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, 4,559,034, Cl. 604-52.000.

Kawahira, Hiroto, to Mitsubishi Denki Kabushiki Kaisha. Heat exchanger and fan motor in a front wheel drive vehicle. 4,510,991, 4-16-85, Cl. 165-41.000.

Kawahira, Hiroto: *See—*

Nagatomo, Hideaki; Kawahira, Hiroto; Nishizawa, Toshizo; and Yasuda, Mitsuo, 4,494,383, Cl. 62-196.200.

Kawahito, Shiro: *See—*

Kita, Katsuhiko; Fukuda, Junzo; and Kawahito, Shiro, 4,496,509, Cl. 264-175.000.

Kawahito, Takashi; Himukashi, Yoshinori; and Yamada, Tetsuo, to UBE Industries, Ltd. Grinding amorphous silicon nitride powder prior to heating to produce crystalline silicon nitride powder. 4,517,168, 5-14-85, Cl. 423-344.000.

Kawahito, Tsuneyoshi; Abe, Katsuo; Kamei, Tsuneaki; Fujimoto, Kazuyuki; Mitani, Masao; and Hiratsuka, Shigetoshi, to Hitachi, Ltd. Thermal printhead. 4,517,444, 5-14-85, Cl. 219-216.000.

Kawai, Akio: *See—*

Ishikawa, Yasuki; Sone, Masazumi; and Kawai, Akio, 4,558,685, Cl. 123-620.000.

Kawai, Akira: *See—*

Okumura, Fumio; and Kawai, Akira, 4,533,599, Cl. 428-402.210.

Kawai, Fumio: *See—*

Fujii, Hideichi; Yamane, Chiyoki; and Kawai, Fumio, 4,520,057, Cl. 428-68.000.

Kawai, Hideki; Nishihara, Hidetoshi; Nakaoka, Seishi; and Hamada, Koushi, to Matsushita Reiki Co., Ltd. Sealed type motor compressor. 4,531,894, 7-30-85, Cl. 417-312.000.

Kawai, Hidenao: *See—*

Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Kawai, Hirokazu; and Takahashi, Fumio, to Shinko Electric Co., Ltd.; and Kanzaki Paper Manufacturing Co., Ltd. Method for controlling temperature of heat generating element of thermal printing head and circuit for practising same. 4,496,824, 1-29-85, Cl. 219-216.000.

Kawai, Hiroki: *See—*

Hirano, Yutaka; and Kawai, Hiroki, 4,552,601, Cl. 156-79.000.

Kawai, Hiromu: *See—*

Hitotsuyanagi, Hajime; Fujita, Nobuhiko; Itozaki, Hideo; and Kawai, Hiromu, 4,496,450, Cl. 204-192.00R.

Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi Maki [illegible], to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Temperature compensated fuel injection system for internal combustion engines. 4,522,177, 6-11-85, Cl. 123-478.000.

Kawai, Hisasi: *See—*

Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,491,815, Cl. 335-229.000.

Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,496,134, Cl. 251-65.000.

Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,533,847, Cl. 310-181.000.

Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, 4,546,338, Cl. 335-229.000.

Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,561,629, Cl. 251-65.000.

Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.
Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.
Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, 4,517,648, Cl. 364-431.010.
Kanehara, Kenji; Kohama, Tokio; Kawai, Hisasi; and Tokura, Norihito, 4,537,172, Cl. 123-527.000.
Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.
Morino, Seiji; and Kawai, Hisasi, 4,518,882, Cl. 310-15.000.
Morino, Seiji; and Kawai, Hisasi, 4,540,905, Cl. 310-12.000.
Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,503,713, Cl. 73-862.340.
Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,513,626, Cl. 73-862.340.
Tokura, Norihito; Kawai, Hisasi; Kohama, Tokio; and Kanehara, Kenji, 4,550,308, Cl. 340-347.0NT.
Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, 4,535,735, Cl. 123-310.000.

Kawai, Kazuhiro: *See*—
Takeuchi, Tatsuro; Yoshida, Shohei; and Kawai, Kazuhiro, 4,519,959, Cl. 261-93.000.

Kawai, Kazuo; Kawai, Sumikazu; and Katashima, Seiji, to Naniwa Products Co. Entirely automatic, cold box type machine for molding an integral connecting core. 4,559,989, 12-24-85, Cl. 164-228.000.

Kawai, Kensuke; and Tanaka, Shuntaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of electric power plant operation. 4,550,379, 10-29-85, Cl. 364-494.000.

Kawai, Kiyoaki, to NEC Corporation. Digital transmission system. 4,520,480, 5-28-85, Cl. 370-100.000.

Kawai, Kiyoji; and Omori, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Elevator call entry system. 4,558,298, 12-10-85, Cl. 340-19.00R.

Kawai, Kiyoshi; Kokubo, Toshiyuki; and Miyoshi, Yoshihiro, to Sumitomo Chemical Company, Limited. Solid catalyst component for olefin polymerization. 4,556,648, 12-3-85, Cl. 502-112.000.

Kawai, Kiyoshi: *See*—
Hanji, Katsumi; and Kawai, Kiyoshi, 4,497,906, Cl. 502-110.000.
Hanji, Katsumi; and Kawai, Kiyoshi, 4,550,094, Cl. 502-110.000.
Kawai, Kyosuke; Nakagawa, Mitsuru; Yanase, Shinji; and Kawai, Kiyoshi, 4,525,190, Cl. 65-14.000.

Kawai, Koichi; and Mikuriya, Minoru, to Nippon Kokan Kabushiki Kaisha. Device for sealing the floating roof of an oil tank. 4,540,104, 9-10-85, Cl. 220-224.000.

Kawai, Kyosuke; Nakagawa, Mitsuru; Yanase, Shinji; and Kawai, Kiyoshi, to Japan Inorganic Material Co., Ltd. Apparatus for producing glass fibers with centrifugal force. 4,525,190, 6-25-85, Cl. 65-14.000.

Kawai, Mikio: *See*—
Yoshimoto, Teruko; Kawai, Mikio; and Kunimi, Hitoshi, 4,526,659, Cl. 204-56.00R.

Kawai, Mituo: *See*—
Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki, 4,514,234, Cl. 148-11.50P.
Yamamoto, Masao; Yebisuya, Takashi; Kawai, Mituo; and Tajima, Koichi, 4,493,733, Cl. 75-126.00B.

Kawai, Motoshi: *See*—
Matsui, Takeski; Ohyama, Hideo; Tachi, Ryosuke; Ito, Teruyoshi, and Kawai, Motoshi, 4,519,038, Cl. 364-431.030.

Kawai Musical Instrument Mfg. Co., Ltd.: *See*—
Deutsch, Ralph; and Deutsch, Leslie J., 4,495,847, Cl. 84-1.010.
Deutsch, Ralph, 4,502,360, Cl. 84-1.230.
Deutsch, Ralph; and Deutsch, Leslie J., 4,513,651, Cl. 84-1.220.
Deutsch, Ralph, 4,515,058, Cl. 84-1.240.
Deutsch, Ralph, 4,526,081, Cl. 84-1.230.
Deutsch, Ralph, 4,532,848, Cl. 84-1.190.
Deutsch, Ralph, 4,549,459, Cl. 84-1.010.
Ezawa, Sadaaki; and Kitagawa, Hiroshi, 4,512,230, Cl. 84-1.240.

Kawai, Osamu; and Ono, Katsuyasu, to NSK-Warner K.K. Webbing retractor. 4,555,074, 11-26-85, Cl. 242-107.40A.

Kawai, Osamu, to NSK-Warner K.K. Passive seat belt system. 4,555,127, 11-26-85, Cl. 280-806.000.

Kawai, Osamu, to NSK-Warner K.K. Anchor mounting device. 4,556,255, 12-3-85, Cl. 297-483.000.

Kawai, Osamu, to NSK-Warner K.K. Passive seat belt device. 4,561,677, 12-31-85, Cl. 280-804.000.

Kawai, Seiji; and Matsumoto, Dairiku, to Meidensha Electric Mfg. Co., Ltd. Manipulator. 4,511,305, 4-16-85, Cl. 414-755.000.

Kawai, Shigeyuki: *See*—
Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.

Kawai, Shinji; Yamaguchi, Yuji; Suzuki, Koichi; and Takeda, Hisanobu, to Aisin Seiki Kabushiki Kaisha. Washing device for parts of body. 4,551,868, 11-12-85, Cl. 4-443.000.

Kawai, Shinji: *See*—
Yamaguchi, Yuji; and Kawai, Shinji, 4,559,964, Cl. 137-107.000.

Kawai, Shuji: *See*—
Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,496,714, Cl. 528-272.000.
Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.

Kawai, Sumikazu: *See*—
Kawai, Kazuo; Kawai, Sumikazu; and Katashima, Seiji, 4,559,989, Cl. 164-228.000.

Kawai, Taiyo; Habu, Nobuo; and Matsumoto, Shinichi, to Toyota Jidosha Kabushiki Kaisha. Internal combustion engine with two intake valves. 4,548,175, 10-22-85, Cl. 123-308.000.

Kawai, Taiyo: *See*—
Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.

Kawai, Taneichi; and Masuda, Mituyoshi, to Aisin Seiki Kabushiki Kaisha. Safety device for electromechanical opening and closing mechanism. 4,561,691, 12-31-85, Cl. 296-216.000.

Kawai, Tohru, to Canon Kabushiki Kaisha. Lens mounting. 4,514,039, 4-30-85, Cl. 350-255.000.

Kawai, Tohru: *See*—
Sumi, Akiyasu; and Kawai, Tohru, 4,536,057, Cl. 350-318.000.
Tsubonuma, Yoshio; and Kawai, Tohru, 4,537,536, Cl. 405-267.000.

Kawai, Toshikazu; Suzuki, Haruo; and Kaneda, Shouzou, to Central Glass Company, Limited. Method of purifying 4-fluorophenol. 4,523,041, 6-11-85, Cl. 568-755.000.

Kawai, Toshikazu; Negishi, Akira; Ojima, Iwao; and Fuchikami, Takamasa, to Central Glass Company, Limited; and Sagami Chemical Research Center. Preparation of 2-trifluoromethylpropanol by vapor phase hydrogenation of 2-trifluoromethylpropanal. 4,540,835, 9-10-85, Cl. 568-842.000.

Kawai, Toshikazu: *See*—
Sawai, Mithio; Tasaka, Yoshihiro; Kawai, Toshikazu; and Katsuhara, Yutaka, 4,544,772, Cl. 568-411.000.

Kawai, Toshinori: *See*—
Imoda, Kinichiro; Kawai, Toshinori; and Nishitani, Kimio, 4,513,921, Cl. 242-36.000.

Kawai, Toshiyuki: *See*—
Miki, Isao; and Kawai, Toshiyuki, 4,520,541, Cl. 29-156.8CF.

Kawai, Wasaburo: *See*—
Ichihashi, Taichi; Kawai, Wasaburo; Naraoka, Tadashi; and Asano, Takateru, 4,560,640, Cl. 430-280.000.

Kawai, Yasuhiro, to Fuji Photo Film Co., Ltd. Image scanning system having a continuously rotating sub-scanning drum. 4,492,455, 1-8-85, Cl. 355-3.00R.

Kawai, Yasuhiro, to Fuji Photo Film Co., Ltd. Image scanning system having a reversibly rotatable sub-scanning drum. 4,530,590, 7-23-85, Cl. 355-8.000.

Kawai, Yasuhiro: *See*—
Yamamoto, Takaaki; and Kawai, Yasuhiro, 4,516,142, Cl. 346-160.000.

Kawai, Yoichi; Gotoh, Yoshihisa; Yokote, Sachio; Maki, Masami; and Sekiguchi, Katsumi, to Mitsui Toatsu Chemicals, Inc. Electrically-conductive resin composition. 4,510,079, 4-9-85, Cl. 252-511.000.

Kawai, Yoichi: *See*—
Genji, Nobuo; Takahashi, Wataru; Nakamura, Masatatsu; and Kawai, Yoichi, 4,553,413, Cl. 68-12.00R.

Kawai, Yoichiro: *See*—
Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.

Kawai, Yoshio; and Kitagawa, Kiyoshi, to Kureha Kagaku Kogyo Kabushiki Kaisha. Cell unit for observing electrophoresis. 4,515,676, 5-7-85, Cl. 204-299.00R.

Kawai, Yoshio: *See*—
Kida, Koichi; Kawai, Yoshio; Tamura, Yutaka; and Suzuki, Yoshiharu, 4,536,605, Cl. 585-640.000.

Kawai, Yukio; Ogawa, Toshihisa; and Yoshida, Seietsu, to Toyota Jidosha Kabushiki Kaisha. Air-fuel ratio compensating apparatus for internal combustion engine. 4,492,199, 1-8-85, Cl. 123-440.000.

Kawai, Yuzo, to Kabushiki Kaisha Suiden. Ceiling fan. 4,560,321, 12-24-85, Cl. 416-23.000.

Kawaida, Shinji; Okitsu, Yoshio; and Ikeda, Kazunari, to Bridgestone Corporation. Tire molding apparatus. 4,510,012, 4-9-85, Cl. 156-415.000.

Kawaida, Shinji: *See*—
Azuma, Yusaku; Kitayama, Yoshifumi; and Kawaida, Shinji, 4,510,011, Cl. 156-407.000.

Kawajiri, Kazuhiro: *See*—
Hirose, Masataka; Kawajiri, Kazuhiro; and Nakajima, Yosuke, 4,523,214, Cl. 357-30.000.
Kido, Keishiro; Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,555,464, Cl. 430-67.000.
Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Kido, Keishiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,559,289, Cl. 430-66.000.

Kawajiri, Masayuki, to Dai Nippon Insatsu Kabushiki Kaisha. Method of offset printing on polypropylene resin cases for video tape cassettes. 4,551,360, 11-5-85, Cl. 427-160.000.

Kawajiri, Yoshiki: *See*—
Etoh, Jun; Kawajiri, Yoshiki; Hori, Ryoichi; and Itoh, Kiyoo, 4,503,522, Cl. 365-203.000.

Kawajiri, Yoshio, to Ricoh Company, Ltd. Head carriage for use in a magnetic recording machine. 4,549,239, 10-22-85, Cl. 360-105.000.

Kawakami Co., Ltd.: *See—*
Noboru, Nasu; and Tatsuo, Inada, 4,494,740, Cl. 270-31.000.
Kawakami, Hajime: *See—*
Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki, 4,493,846, Cl. 424-308.000.
Kawakami, Hideaki: *See—*
Kitazima, Masaaki; and Kawakami, Hideaki, 4,532,506, Cl. 340-784.000.
Nagae, Yoshiharu; Isogai, Masato; Kawakami, Hideaki; and Nakano, Fumio, 4,508,429, Cl. 350-350.00S.
Nagae, Yoshiharu; and Kawakami, Hideaki, 4,548,474, Cl. 350-333.000.
Kawakami, Hidehiko: *See—*
Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.
Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.
Tsuchiya, Hiroyoshi; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Otsuka, Hirotaka, 4,551,768, Cl. 358-283.000.
Kawakami, Hiromi: *See—*
Ogawa, Masumi; Kawakami, Hiromi; and Meguro, Toshiaki, 4,551,756, Cl. 358-197.000.
Kawakami, Hironori: *See—*
Tajima, Hiroto; Kawakami, Hironori; Mashino, Zenichi; Hayami, Seinoshin; and Ohzeki, Osamu, 4,537,600, Cl. 44-51.000.
Kawakami, Hiroshi; and Torii, Shigeyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape drive member and manufacturing method for the same. 4,553,186, 11-12-85, Cl. 360-130.210.
Kawakami, Hiroshi: *See—*
Izumi, Yutaka; and Kawakami, Hiroshi, 4,539,668, Cl. 369-75.200.
Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.
Morinaga, Kaoru; Kawakami, Hiroshi; and Kotoda, Yoshihiro, 4,562,497, Cl. 360-96.300.
Kawakami, James H.; See, Benito; Jones, Thomas R.; and Maresca, Louis M., to Union Carbide Corporation. Color improved polyarylate. 4,520,168, 5-28-85, Cl. 525-169.000.
Kawakami, James H.; and Maresca, Louis M., to Union Carbide Corporation. Polymerization process using metal formate to reduce the color of thermoplastic copolymers. 4,558,106, 12-10-85, Cl. 526-216.000.
Kawakami, Kanji; Narishige, Shinji; and Suenaga, Masahide, to Hitachi, Ltd. Magnetoresistive sensor having a closed domain structure and electrode biasing. 4,503,394, 3-5-85, Cl. 324-252.000.
Kawakami, Kanji: *See—*
Shimada, Satoshi; Murayama, Ken; Kobori, Shigeyuki; and Kawakami, Kanji, 4,511,878, Cl. 338-4.000.
Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, 4,556,807, Cl. 307-491.000.
Yamada, Kazuji; Sato, Hideo; Kitadate, Yukitaka; Kawakami, Kanji; Kato, Kazuo; and Sasayama, Takao, 4,558,238, Cl. 307-491.000.
Kawakami, Kazuhiko: *See—*
Nakazawa, Terumi; Minorikawa, Hitoshi; and Kawakami, Kazuhiko, 4,546,412, Cl. 361-395.000.
Kawakami, Ken-ichi: *See—*
Tanaka, Kazuhiro; Kawakami, Ken-ichi; and Yoshii, Toshiya, 4,514,452, Cl. 428-141.000.
Kawakami, Kenichi: *See—*
Abe, Koichi; Kawakami, Kenichi; Yoshii, Toshiya; and Inoue, Toshihide, 4,539,260, Cl. 428-336.000.
Kawakami, Kinya, to Yokohama Rubber Co. Ltd., The. Rubber compositions for tire treads. 4,510,291, 4-9-85, Cl. 525-237.000.
Kawakami, Kiyoshi: *See—*
Naka, Yasushi; and Kawakami, Kiyoshi, 4,535,008, Cl. 427-246.000.
Naka, Yasushi; and Kawakami, Kiyoshi, 4,560,611, Cl. 428-266.000.
Kawakami, Koichi, to Yoshida Kogyo K.K. Method and apparatus for attaching pin fittings to slide fastener having separable end stop. 4,494,293, 1-22-85, Cl. 29-408.000.
Kawakami, Kouichi; and Tanaka, Mamoru, to Nippon Seiko Kabushiki Kaisha. Carriage apparatus. 4,517,852, 5-21-85, Cl. 74-89.150.
Kawakami, Shigenobu: *See—*
Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,493,943, Cl. 174-25.00C.
Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,506,107, Cl. 174-25.00C.
Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,543,207, Cl. 252-570.000.
Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,549,034, Cl. 17-17.0LF.
Kawakami, Shigezo: *See—*
Beppu, Kohichi; and Kawakami, Shigezo, 4,508,549, Cl. 55-165.000.
Kawakami, Sota; Murata, Hideki; Matsunaga, Satoshi; and Kiriki, Toshihiko, to Konishiroku Photo Industry Co., Ltd. Optical element and optical polycarbonate resin composition for the preparation thereof. 4,495,345, 1-22-85, Cl. 528-372.000.
Kawakami, Takao: *See—*
Morikawa, Tatsumi; Osawa, Yoshio; Kawakami, Takao; and Yoshida, Naoki, 4,548,128, Cl. 98-115.300.
Orii, Ken; and Kawakami, Takao, 4,557,184, Cl. 98-115.300.
Kawakami, Tetsuya: *See—*
Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.
Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, 4,523,272, Cl. 364-200.000.
Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.
Kawakami, Tomiko: *See—*
Fujii, Tadashi; Yamaguchi, Tomoyuki; Murakami, Kakuji; Kawakami, Tomiko; and Uenozono, Hiroko, 4,508,570, Cl. 106-20.000.
Kawakami, Toshiro, to Aisin Seiki Kabushiki Kaisha. Foil bearing. 4,549,821, 10-29-85, Cl. 384-103.000.
Kawakami, Yasuo, to Pioneer Electronic Corporation. Device for generating a tuning frequency set command signal of a tuner system. 4,525,864, 6-25-85, Cl. 455-160.000.
Kawakami, Yoshio, to TDK Corporation. Magnetic recording medium. 4,524,108, 6-18-85, Cl. 428-480.000.
Kawakami, Yoshiyuki: *See—*
Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.
Kawakami, Yukichika; Shiiki, Zenya; and Iizuka, Yo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Process for producing aromatic sulfide polymer with alkaline earth metal oxide dehydrating agent. 4,537,953, 8-27-85, Cl. 528-388.000.
Kawakami, Yukichika: *See—*
Shiiki, Zenya; Iizuka, Yo; and Kawakami, Yukichika, 4,495,332, Cl. 524-800.000.
Shiiki, Zenya; Iizuka, Yo; and Kawakami, Yukichika, 4,514,558, Cl. 528-388.000.
Kawakatsu, Akira; and Yamamoto, Fumio, to Tokyo Shibaura Denki Kabushiki Kaisha. Incandescent lamp with film of alternately stacked layers. 4,524,410, 6-18-85, Cl. 362-255.000.
Kawakatsu, Ichiro. Process for producing a tin/lead alloy solder joint with less wetting agent residue. 4,496,098, 1-29-85, Cl. 228-219.000.
Kawakatsu, Satoshi: *See—*
Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, 4,562,146, Cl. 430-546.000.
Nakayama, Noritaka; Kawakatsu, Satoshi; Katoh, Katsunori; and Shinozaki, Kaoru, 4,548,899, Cl. 430-558.000.
Kawakatsu, Shiro; and Kawasaki, Toshikazu, to Daihatsu Motor Co., Ltd. Alarming apparatus of vehicle. 4,495,484, 1-22-85, Cl. 340-52.00D.
Kawakatsu, Yoshifumi: *See—*
Yoshinari, Osamu; Kawakatsu, Yoshifumi; and Fukuizumi, Hideaki, 4,522,801, Cl. 423-447.400.
Kawaken Fine Chemicals Co., Ltd.: *See—*
Matsushita, Noritaka, 4,529,555, Cl. 556-174.000.
Kawakita, Kenji: *See—*
Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, 4,514,565, Cl. 544-25.000.
Kawakita, Shizuo; Shibazaki, Takeyoshi; and Mochida, Hiromi, to Mitsubishi Kinzoku Kabushiki Kaisha. Continuous direct process of lead smelting. 4,514,223, 4-30-85, Cl. 75-77.000.
Kawakita, Takeshi: *See—*
Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, 4,517,299, Cl. 435-197.000.
Tashiro, Chiaki; Kawakita, Takeshi; Horii, Ichiro; and Anami, Koretake, 4,514,403, Cl. 514-274.000.
Kawakita, Tetsuya: *See—*
Morimoto, Hideyuki; Saeki, Masaru; and Kawakita, Tetsuya, 4,543,330, Cl. 435-110.000.
Toyoshi, Seiji; Tanegawa, Tetsuo; Saeki, Masaru; and Kawakita, Tetsuya, 4,523,999, Cl. 210-639.000.
Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process for improving weather resistant adhesion of a coating to glass surface. 4,496,611, 1-29-85, Cl. 427-160.000.
Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Primer composition. 4,513,061, 4-23-85, Cl. 428-429.000.
Kawakubo, Fumio: *See—*
Isayama, Katsuhiko; Hirose, Toshifumi; and Kawakubo, Fumio, 4,543,403, Cl. 526-263.000.
Kawakubo, Hiromu: *See—*
Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, 4,533,731, Cl. 544-140.000.
Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, 4,549,023, Cl. 546-199.000.
Kawakubo, Katsuhiko: *See—*
Konotsune, Takuo; and Kawakubo, Katsuhiko, 4,508,910, Cl. 548-367.000.
Kawakubo, Yukio: *See—*
Kuwabara, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Sasaki, Kouji, 4,500,998, Cl. 372-61.000.

Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, 4,541,097, Cl. 372-87.000.

Kawamata, Kiyoshi. Can end having integral opening means. 4,491,236, 1-1-85, Cl. 220-269.000.

Kawamata, Kiyoshi; and Kawamata, Seizi, to Nihon Seikan Kabushiki Kaisha. Can and closure structure. 4,533,064, 8-6-85, Cl. 220-273.000.

Kawamata, Kiyoshi: *See—*
  Nakajima, Jun; Araya, Takeshi; Aso, Tadashi; Kawamata, Kiyoshi; and Sugimoto, Kinji, 4,527,045, Cl. 219-130.310.

Kawamata, Masanobu; Ushimaru, Koichi; Goshi, Hiroyuki; and Miyasako, Hideichi, to Nippon Shinyaku Co., Ltd. Stabilization of azulene derivatives. 4,533,552, 8-6-85, Cl. 424-78.000.

Kawamata, Masanobu: *See—*
  Enomoto, Hiroshi; Kawamata, Masanobu; Nomura, Akira; Aoyagi, Yoshiaki; and Ueda, Fusao, 4,532,238, Cl. 514-245.000.

Kawamata, Masaru: *See—*
  Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,491,918, Cl. 364-424.000.
  Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,499,541, Cl. 364-424.000.
  Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,509,127, Cl. 364-478.000.
  Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,517,645, Cl. 364-424.000.
  Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,520,443, Cl. 364-424.000.

Kawamata, Motoo: *See—*
  Oba, Masayuki; Kawamata, Motoo; Tsuboi, Hikotada; and Koga, Nobuhito, 4,500,719, Cl. 548-522.000.
  Tsuboi, Hikotada; Kawamata, Motoo; Oba, Masayuki; and Koga, Nobuhito, 4,506,042, Cl. 523-454.000.

Kawamata, Seizi: *See—*
  Kawamata, Kiyoshi; and Kawamata, Seizi, 4,533,064, Cl. 220-273.000.

Kawamata, Toshio, to Fuji Photo Film Co., Ltd. Surface smoothing method for magnetic recording medium. 4,548,772, 10-22-85, Cl. 264-26.000.

Kawamata, Toshio: *See—*
  Kato, Mikihiko; Komine, Shigeo; Kawamata, Toshio; Morita, Kazuhiko; and Sato, Tsunehiko, 4,518,626, Cl. 427-48.000.

Kawamata, Yoshio: *See—*
  Wakamatsu, Kazuhiro; and Kawamata, Yoshio, 4,552,449, Cl. 355-3.00R.

Kawamo, Kazunori: *See—*
  Chikaraishi, Takayo; Tuchiya, Yosimasa; and Kawamo, Kazunori, 4,492,405, Cl. 296-146.000.
  Tuchiya, Yoshimasa; Chikaraishi, Takayo; and Kawamo, Kazunori, 4,496,186, Cl. 296-146.000.

Kawamori, Masatoshi: *See—*
  Wada, Hiroshi; Kawamori, Masatoshi; Tamaki, Hajime; and Onoda, Yuichi, 4,529,602, Cl. 514-569.000.

Kawamori, Ryuzo: *See—*
  Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.

Kawamori, Yoshizo: *See—*
  Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.
  Kajita, Hiroshi; Iseki, Masahide; Nakajima, Tadanobu; and Kawamori, Yoshizo, 4,530,598, Cl. 355-75.000.

Kawamoto, Akio: *See—*
  Arima, Tetsuo; Kawamoto, Akio; and Osawa, Hide, 4,556,565, Cl. 426-3.000.

Kawamoto, Hideyo: *See—*
  Otaka, Shoichi; Kondo, Yukio; Kumada, Masayuki; Kawamoto, Hideyo; and Miura, Keiji, 4,517,951, Cl. 123-572.000.

Kawamoto, Hirohisa: *See—*
  Fox, Leonard P.; Datta, Pabitra; Matthies, Dennis L.; and Kawamoto, Hirohisa, 4,561,087, Cl. 369-276.000.

Kawamoto, Hiromi: *See—*
  Hayakawa, Masanori; Yamada, Noriaki; Kawamoto, Hiromi; and Nishimura, Satoshi, 4,551,260, Cl. 252-62.590.

Kawamoto, Hiroshi, to Hitachi, Ltd. Dynamic storage device with extended information holding time. 4,491,858, 1-1-85, Cl. 357-41.000.

Kawamoto, Hiroshi: *See—*
  Shimohigashi, Katsuhiro; Masuda, Hiroo; Ikuzaki, Kunihiko; and Kawamoto, Hiroshi, 4,539,658, Cl. 365-207.000.

Kawamoto, Isao: *See—*
  Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.

Kawamoto, Kazuyuki: *See—*
  Tada, Tetsuya; Kawamoto, Kazuyuki; and Yamada, Akihiko, 4,558,821, Cl. 239-333.000.

Kawamoto, Keiji; Kato, Keigo; and Aida, Takahiro, to Mitsui Petrochemical Industries, Ltd. Catalyst composition suitable for the dimerization or codimerization of alpha-olefins. 4,520,126, 5-28-85, Cl. 502-184.000.

Kawamoto, Kinji; and Murase, Kazuhiro, to Matsushita Electric Industrial Co., Ltd. Wave reading apparatus. 4,528,884, 7-16-85, Cl. 84-1.010.

Kawamoto, Kinji; Tsukamoto, Masao; Murase, Kazuhiro; Kaneaki, Tetsuhiko; and Nikaido, Masataka, to Matsushita Electric Industrial Co., Ltd. Multiple wave generator. 4,536,853, 8-20-85, Cl. 364-718.000.

Kawamoto, Kiyoaki; Shukuri, Kastuhiro; Hashimoto, Takayoshi; Yamazaki, Yoshio; and Inowa, Shigeru, to Konishiroku Photo Industry Co., Ltd. Electrostatic copying apparatus. 4,530,596, 7-23-85, Cl. 355-15.000.

Kawamoto, Kiyoaki: *See—*
  Shukuri, Katsuhiro; Inowa, Shigeru; and Kawamoto, Kiyoaki, 4,506,975, Cl. 355-15.000.

Kawamoto, Masuo: *See—*
  Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.

Kawamoto, Matsumi, to Aisin Warner Kabushiki Kaisha. Hydraulic centrifugal clutch. 4,509,627, 4-9-85, Cl. 192-85.00F.

Kawamoto, Mutsumi, to Aisin Warner Kabushiki Kaisha. Continuously variable speed transmission for motor vehicles. 4,550,629, 11-5-85, Cl. 74-689.000.

Kawamoto, Mutsumi: *See—*
  Sakakibara, Shiro; and Kawamoto, Mutsumi, 4,526,061, Cl. 74-689.000.
  Sakakibara, Shiro; and Kawamoto, Mutsumi, 4,526,062, Cl. 74-689.000.
  Wayman, Robert W.; Kawamoto, Mutsumi; and Sakakibara, Shiro, 4,548,099, Cl. 74-689.000.

Kawamoto, Nobuhiko: *See—*
  Furuta, Toshio; Kawamoto, Nobuhiko; and Honma, Akira, 4,530,621, Cl. 405-150.000.

Kawamoto, Takashi: *See—*
  Yamamura, Yukio; Nakayama, Jingo; Ikeda, Atsunobu; and Kawamoto, Takashi, 4,534,590, Cl. 297-180.000.

Kawamoto, Tamio, to Nissan Motor Company, Limited. Gear operating mechanism of an automotive manual transmission. 4,497,216, 2-5-85, Cl. 74-475.000.

Kawamoto, Tamio; and Hiraiwa, Kazuyoshi, to Nissan Motor Company, Limited. Gear operating mechanism of an automotive manual transmission. 4,510,817, 4-16-85, Cl. 74-477.000.

Kawamoto, Yasuo, to Hitachi, Ltd. Refrigerating system. 4,538,421, 9-3-85, Cl. 62-157.000.

Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, to Showa Denko Kabushiki Kaisha; and Hitachi, Ltd. Gas for selectively etching silicon nitride and process for selectively etching silicon nitride with the gas. 4,529,476, 7-16-85, Cl. 156-643.000.

Kawamura, Akinori: *See—*
  Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.

Kawamura, Atsushi: *See—*
  Fujioka, Yoshisato; and Kawamura, Atsushi, 4,527,867, Cl. 350-427.000.

Kawamura Co., Ltd.: *See—*
  Kanamaru, Hisanobu; Tohkairin, Akira; and Kurosawa, Takuzo, 4,541,315, Cl. 82-40.00R.

Kawamura, Eiichi: *See—*
  Ishitani, Kenichiro; Unseki, Takashi; Amiboshi, Saburo; and Kawamura, Eiichi, 4,534,569, Cl. 277-27.000.
  Kubo, Keishi; and Kawamura, Eiichi, 4,513,052, Cl. 428-219.000.
  Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, 4,538,164, Cl. 346-209.000.

Kawamura, Fumio: *See—*
  Funabashi, Kiyomi; Kawamura, Fumio; Kikuchi, Makoto; and Yusa, Hideo, 4,505,851, Cl. 252-628.000.
  Funabashi, Kiyomi; Takagi, Toshio; Kawamura, Fumio; and Kikuchi, Makoto, 4,524,153, Cl. 521-26.000.
  Funabashi, Kiyomi; Kawamura, Fumio; Takagi, Toshio; Urata, Megumu; and Fukasawa, Tetsuo, 4,543,085, Cl. 494-30.000.
  Morimoto, Junichi; Kawamura, Fumio; Watanabe, Akira; Suzuki, Yoshio; and Kawamura, Masamichi, 4,539,282, Cl. 430-59.000.

Kawamura, Hideaki: *See—*
  Nozawa, Ryoichiro; and Kawamura, Hideaki, 4,497,028, Cl. 364-474.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,501,998, Cl. 318-568.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,502,108, Cl. 364-170.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Ohtsuki, Toshiaki, 4,503,373, Cl. 318-570.000.
  Nozawa, Ryoichiro; and Kawamura, Hideaki, 4,507,738, Cl. 364-474.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,511,975, Cl. 364-474.000.
  Nozawa, Ryoichiro; and Kawamura, Hideaki, 4,514,813, Cl. 364-474.000.
  Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Fujibayashi, Kentaro, 4,516,211, Cl. 364-474.000.
  Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, 4,543,625, Cl. 364-169.000.
  Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, 4,554,497, Cl. 318-636.000.
  Sato, Yuichi; Sakurada, Nobuaki; Kawamura, Hideaki; and Watanabe, Yoshitaka, 4,560,997, Cl. 346-140.00R.

Kawamura, Hideo, to Isuzu Motors Ltd. Glow plug quick heating control device. 4,493,298, 1-15-85, Cl. 123-145.00A.

- Kawamura, Hideo; Otsubo, Isamu; and Kitagawa, Tsutomu, to Isuzu Motors Ltd. Device for controlling engine preheating. 4,506,145, 3-19-85, Cl. 219-499.000.
- Kawamura, Hideo, to Isuzu Motors Ltd. Voltage control circuit for protecting glow plug from overheating. 4,511,792, 4-16-85, Cl. 219-499.000.
- Kawamura, Hideo; Sagawa, Nobukazu; and Yamamoto, Noriyoshi, to Isuzu Motor, Ltd.; and Kyoto Ceramic Co., Ltd. Ceramic glow plug. 4,525,622, 6-25-85, Cl. 219-270.000.
- Kawamura, Hiroaki: *See—*
  - Nemoto, Tadashi; Fukumoto, Ryoichi; Kawamura, Hiroaki; Kondo, Yoshikazu; and Inui, Tsuneo, 4,508,601, Cl. 204-38.500.
- Kawamura, Hironobu, to Kawamura Shouji Kabushiki Kaisha. Necktie assembly. 4,504,979, 3-19-85, Cl. 2-153.000.
- Kawamura Institute of Chemical Research: *See—*
  - Kamei, Masayuki; Endo, Tomio; and Hashimoto, Yutaka, 4,536,298, Cl. 252-8.050.
- Kawamura, Katsuaki: *See—*
  - Kurosaki, Masanori; and Kawamura, Katsuaki, 4,551,855, Cl. 455-161.000.
- Kawamura, Kazunori; Yamashita, Shinichi; Yokoyama, Yuichi; and Tsuchiya, Makoto, to Hoya Lens Corporation. Oxygen-permeable hard contact lens. 4,540,761, 9-10-85, Cl. 526-245.000.
- Kawamura, Keiji: *See—*
  - Horita, Teruyuki; and Kawamura, Keiji, 4,541,351, Cl. 112-262.200.
- Kawamura, Kenji: *See—*
  - Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,509,090, Cl. 361-119.000.
  - Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,544,984, Cl. 361-119.000.
- Kawamura, Kichinari: *See—*
  - Okado, Hideo; Hashimoto, Kazuo; Kawamura, Kichinari; Yamazaki, Yasuyoshi; and Takaya, Haruo, 4,544,793, Cl. 585-640.000.
- Kawamura, Koichiro: *See—*
  - Oota, Tadashi; and Kawamura, Koichiro, 4,532,558, Cl. 360-35.100.
- Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, to Fuji Photo Film Co., Ltd. Disazo compounds, photoconductive compositions and electrophotographic light-sensitive materials containing the same. 4,508,805, 4-2-85, Cl. 430-72.000.
- Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, to Fuji Photo Film Co., Ltd. Disazo compounds and photoconductive composition as well as electrophotographic light sensitive element containing the same. 4,533,613, 8-6-85, Cl. 430-78.000.
- Kawamura, Kouichi; Horie, Seiji; and Sato, Hideo, to Fuji Photo Film Co., Ltd. Electric light-sensitive material containing a novel vinylidene chloride copolymer. 4,535,045, 8-13-85, Cl. 430-60.000.
- Kawamura, Kouichi; Aotani, Yoshimasa; and Umehara, Akira, to Fuji Photo Film Co., Ltd. Photopolymerizable composition. 4,555,474, 11-26-85, Cl. 430-281.000.
- Kawamura, Kouichi: *See—*
  - Horie, Seiji; Kawamura, Kouichi; Makino, Naonori; and Sato, Hideo, 4,557,988, Cl. 430-58.000.
  - Iwasaki, Masayuki; Maeda, Minoru; Shinozaki, Fumiaki; and Kawamura, Kouichi, 4,548,892, Cl. 430-288.000.
  - Makino, Naonori; Horie, Seiji; Kawamura, Kouichi; and Sato, Hideo, 4,504,559, Cl. 430-58.000.
- Kawamura, Kunio; Mukai, Hiromu; and Karasaki, Toshihiko, to Minolta Camera Kabushiki Kaisha. Focus condition detecting device for cameras. 4,526,458, 7-2-85, Cl. 354-406.000.
- Kawamura, Kunio: *See—*
  - Karasaki, Toshihiko; Mukai, Hiromu; and Kawamura, Kunio, 4,529,287, Cl. 354-406.000.
  - Mukai, Hiromu; Karasaki, Toshihiko; and Kawamura, Kunio, 4,552,445, Cl. 354-406.000.
  - Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, 4,509,842, Cl. 354-402.000.
  - Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, 4,550,993, Cl. 354-402.000.
- Kawamura, Masaharu: *See—*
  - Katsuma, Makoto; Kawamura, Masaharu; and Yamada, Masanori, 4,494,850, Cl. 354-416.000.
  - Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, 4,519,685, Cl. 354-154.000.
  - Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, 4,512,656, Cl. 354-475.000.
- Kawamura, Masamichi: *See—*
  - Morimoto, Junichi; Kawamura, Fumio; Watanabe, Akira; Suzuki, Yoshio; and Kawamura, Masamichi, 4,539,282, Cl. 430-59.000.
- Kawamura, Mikio: *See—*
  - Ishii, Sugao; Itou, Susumu; Kawamura, Mikio; and Tsukamoto, Tadashi, 4,496,063, Cl. 212-270.000.
- Kawamura, Mitsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Linear motor. 4,542,312, 9-17-85, Cl. 310-13.000.
- Kawamura, Naoto, to Canon Kabushiki Kaisha. Apparatus and method for tonal image processing. 4,491,875, 1-1-85, Cl. 358-298.000.
- Kawamura, Naoto, to Canon Kabushiki Kaisha. Image recording device. 4,507,685, 3-26-85, Cl. 358-283.000.
- Kawamura, Naoto; and Matsumoto, Kazuya, to Canon Kabushiki Kaisha. Information detecting apparatus. 4,553,036, 11-12-85, Cl. 250-578.000.
- Kawamura, Naoto, to Canon Kabushiki Kaisha. Image processing apparatus. 4,553,173, 11-12-85, Cl. 358-283.000.
- Kawamura, Noriko: *See—*
  - Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.
- Kawamura, Norio; Yokoe, Hifumi; and Tsuda, Hideichi, to Nippon, Colin Co., Ltd. Apparatus and method of detecting arterial pulse wave. 4,561,447, 12-31-85, Cl. 128-687.000.
- Kawamura, Reiki; Tanaka, Takuo; Asano, Toshio; and Sawada, Yasuhiro, to Toyota Jidosha Kabushiki Kaisha; and Takashimaya Nippatsu Kogyo Co., Ltd. Seat cover fixing construction with slimmed section mounting band. 4,526,420, 7-2-85, Cl. 297-218.000.
- Kawamura, Reiki: *See—*
  - Terada, Takami; Nawa, Hiroshi; and Kawamura, Reiki, 4,519,650, Cl. 297-452.000.
- Kawamura, Setuo, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Negative pressure control apparatus. 4,494,559, 1-22-85, Cl. 137-116.500.
- Kawamura Shouji Kabushiki Kaisha: *See—*
  - Kawamura, Hironobu, 4,504,979, Cl. 2-153.000.
- Kawamura, Takahide: *See—*
  - Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.
  - Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431 110.
  - Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,494,497, Cl. 123-179.00B.
  - Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,510,396, Cl. 290-30.00R.
  - Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,555,006, Cl. 192-0.084.
- Kawamura, Takao; and Yoshida, Masazumi, to Minolta Camera Kabushiki Kaisha; Takao Kawamura; and Kyocera Corporation. Photosensitive member. 4,491,626, 1-1-85, Cl. 430-69.000.
- Kawamura, Tateo: *See—*
  - Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
- Kawamura, Tetsuo: *See—*
  - Ohyaba, Takashi; Kamishima, Minoru; Kinoshita, Shozo; Kawamura, Tetsuo; and Matsuhisa, Hiroaki, 4,504,704, Cl. 179-115.5DV.
- Kawamura Textile Co., Ltd.: *See—*
  - Horita, Teruyuki; and Kawamura, Keiji, 4,541,351, Cl. 112-262.200.
- Kawamura, Toshiaki: *See—*
  - Tanaka, Tatsuo; and Kawamura, Toshiaki, 4,507,934, Cl. 62-210.000.
- Kawamura, Toshihiko: *See—*
  - Miyazawa, Kokichi; Nakata, Kazuo; Ishikawa, Tsuneo; Honma, Ichiro; Hirai, Masaharu; Ogasawara, Makoto; and Kawamura, Toshihiko, 4,501,774, Cl. 427-215.000.
  - Nakata, Kazuo; Ishikawa, Tsuneo; Amamoto, Taro; and Kawamura, Toshihiko, 4,560,544, Cl. 423-266.000.
- Kawamura, Toshimi, to Mitsubishi Denki Kabushiki Kaisha. Power storage system for electric railway. 4,523,059, 6-11-85, Cl. 191-6.000.
- Kawamura, Yasuo; Nishiyama, Tadashi; Itoh, Tomiyoshi; and Sakai, Takuo, to Chisso Corporation. Antitumor agent. 4,521,406, 6-4-85, Cl. 424-94.000.
- Kawamura, Yasutaro: *See—*
  - Uzaki, Nagato; Kawamura, Yasutaro; Kanayama, Ryoji; and Harada, Hisashi, 4,561,485, Cl. 164-201.000.
- Kawamura, Yoshihisa, to Nissan Motor Company, Limited. Fuel injection timing control system for an internal combustion engine. 4,493,302, 1-15-85, Cl. 123-357.000.
- Kawamura, Yoshihisa; and Tanaka, Toshiaki, to Nissan Motor Company, Limited. Fuel injection pump for an internal combustion engine. 4,531,488, 7-30-85, Cl. 123-300.000.
- Kawamura, Yoshihisa: *See—*
  - Nakagawa, Toyoaki; Nakajima, Masao; Kawamura, Yoshihisa; and Kanesaki, Nobukazu, 4,501,140, Cl. 73-119.00A.
- Kawamura, Yoshikazu; Hosokawa, Minoru; Okazaki, Sakiho; and Ishii, Hiroshi, to Kabushiki Kaisha Suwa Seikosha. Step motor control mechanism for electronic timepiece. 4,522,507, 6-11-85, Cl. 368-157.000.
- Kawamura, Yoshimi: *See—*
  - Ebata, Mitsuo; Miyake, Yukio; and Kawamura, Yoshimi, 4,497,797, Cl. 424-118.000.
- Kawamura, Yoshio, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Fluidized bed combustor. 4,531,907, 7-30-85, Cl. 431-170.000.
- Kawamura, Yoshio: *See—*
  - Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, 4,504,726, Cl. 219-121.0LH.
- Kawana, Akio: *See—*
  - Okamoto, Katsunari; Edahiro, Takao; Kawana, Akio; and Miya, Tetsuo, 4,525,027, Cl. 350-96.300.
- Kawana, Hidejiro: *See—*
  - Horiba, Tatsuo; Iwamoto, Kazuo; Kawana, Hidejiro; Fujita, Kazunori; and Tamura, Kohki, 4,493,878, Cl. 429-12.000.

- Kawana, Kofu: *See—*
  - Uchida, Katsutoshi; Izumida, Hisashi; Kawana, Kofu; and Suda, Masaru, 4,529,960, Cl. 338-309.000.
- Kawana, Takeshi: *See—*
  - Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.
- Kawanabe, Yoshihiro: *See—*
  - Nishioka, Akira; Kawanabe, Yoshihiro; Takahori, Hiroyuki; and Fujimoto, Hideki, 4,539,491, Cl. 307-297.000.
- Kawanaka, Ryusuke: *See—*
  - Hosoda, Naoyuki; Uchiyama, Naoki; and Kawanaka, Ryusuke, 4,512,950, Cl. 420-563.000.
- Kawanami, Hisashi; Suzuki, Kiyoshi; and Kawauchi, Akihiro, to Toshiba Electric Equipment Corporation. Marker light. 4,544,999, 10-1-85, Cl. 362-298.000.
- Kawanami, Isao, to Asahi Yukizai Kogyo Co., Ltd. Ball valve. 4,540,157, 9-10-85, Cl. 251-315.000.
- Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, to Hirose Electric Co., Ltd.; and Mito Teck Co., Ltd. Coaxial lightning arresting structure. 4,509,090, 4-2-85, Cl. 361-119.000.
- Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, to Hirose Electric Co., Ltd.; and Mito Teck Co., Ltd. Coaxial lightning arresting structure. 4,544,984, 10-1-85, Cl. 361-119.000.
- Kawanishi, Hidekata: *See—*
  - Naruo, Noboru; and Kawanishi, Hidekata, 4,506,251, Cl. 338-238.000.
- Kawanishi, Toshio; and Hareyama, Satoshi, to Teikoku Sen-I Co., Ltd. Fabric articles having a flame-resistant coating on at least one surface thereof. 4,540,617, 9-10-85, Cl. 428-137.000.
- Kawanishi, Toshiyuki; and Tabata, Yukio, to Ricoh Company, Ltd. Electrothermic non-impact recording material. 4,536,437, 8-20-85, Cl. 428-212.000.
- Kawano, Akihiro: *See—*
  - Mabe, Atsushi; Shimizu, Shigemi; and Kawano, Akihiro, 4,547,138, Cl. 418-55.000.
  - Terauchi, Kiyoshi; Kawano, Akihiro; and Mabe, Atsushi, 4,505,651, Cl. 417-440.000.
- Kawano, Akira: *See—*
  - Iemura, Shigeru; and Kawano, Akira, 4,559,545, Cl. 346-155.000.
- Kawano, Hikaru; Sato, Koji; and Nogi, Hiroyoshi, to Musashi Co., Ltd.; and Hitachi Denshi Engineering Kabushiki Kaisha. Clamp device for paper sheet bundles in a paper sheet counting and bandsealing apparatus. 4,511,301, 4-16-85, Cl. 414-43.000.
- Kawano, Hikaru: *See—*
  - Koshio, Yoshihiro; Kato, Tadao; and Kawano, Hikaru, 4,500,002, Cl. 209-534.000.
  - Sato, Koji; and Kawano, Hikaru, 4,531,344, Cl. 53-447.000.
- Kawano, Hitoshi: *See—*
  - Nakanishi, Sadao; Nakajima, Yoshihiro; Kawano, Hitoshi; Ihochi, Akihiko; Ogasawara, Takaaki; and Maruyama, Tokuji, 4,544,826, Cl. 219-137.0PS.
- Kawano, Junichi: *See—*
  - Takaishi, Naotake; Inamoto, Yoshiaki; Urata, Kouichi; Kawano, Junichi; and Tsutsumi, Hisao, 4,504,464, Cl. 424-63.000.
- Kawano, Junji; and Takahashi, Fumio, to Shinko Electric Co., Ltd. Method and apparatus for detecting errors in an ink ribbon in a thermal transfer type multicolor printer. 4,502,057, 2-26-85, Cl. 346-76.0PH.
- Kawano, Junji: *See—*
  - Iwamoto, Kazumasa; Mabuchi, Naoki; and Kawano, Junji, 4,542,953, Cl. 339-198.0GA.
  - Kubo, Takeshi; Kawano, Junji; Takahashi, Fumio; and Yamaguchi, Tsutomu, 4,551,729, Cl. 346-1.100.
- Kawano, Katsumi: *See—*
  - Karasawa, Tadayoshi; Kawano, Katsumi; Uchiyama, Katsuji; and Yamazaki, Michio, 4,543,197, Cl. 252-62.560.
- Kawano, Tadaaki; and Nishida, Takashi, to Sharp Kabushiki Kaisha. Cleaning device for cleaning copy paper separation device and transport device in electrophotographic copying machine. 4,561,755, 12-31-85, Cl. 355-3.0SH.
- Kawano, Tadaaki; Ito, Keizo; and Nishida, Takashi, to Sharp Kabushiki Kaisha. Cleaning device for cleaning copy paper separation device in electrophotographic copying machine. 4,561,760, 12-31-85, Cl. 355-3.00R.
- Kawano, Tadaaki: *See—*
  - Iwamoto, Ken-ichi; Kawano, Tadaaki; Uchiyama, Hiroaki; Fukunaga, Takahiro; Fujiwara, Katsuyoshi; and Yamada, Yoshikado, 4,552,453, Cl. 355-57.000.
- Kawano, Takashi: *See—*
  - Tatsumi, Hisao; and Kawano, Takashi, 4,517,445, Cl. 219-297.000.
- Kawano, Yukihiro: *See—*
  - Yamaguti, Terushige; Miki, Toshinori; Mannaka, Toshio; Koyama, Hiroshi; and Kawano, Yukihiro, 4,545,228, Cl. 72-16.000.
- Kawara, Tatsuo: *See—*
  - Takenouchi, Osamu; Nguyen Chanh, Khe; Kawara, Tatsuo; and Tanaka, Hisami, 4,504,560, Cl. 430-72.000.
- Kawara, Toshio; and Shibahara, Yoshihumi, to Shimadzu Corporation. Electromagnetic force-transducer. 4,494,022, 1-15-85, Cl. 310-14.000.
- Kawarabashi, Tsukasa; and Takahashi, Shinji, to Murata Kikai Kabushiki Kaisha. Doffing apparatus in automatic winder. 4,541,578, 9-17-85, Cl. 242-35.50A.
- Kawarada, Osamu, to Olympus Optical Co., Ltd. Battery containment apparatus for electronic flash. 4,530,034, 7-16-85, Cl. 362-9.000.
- Kawarada, Osamu, to Olympus Optical Co., Ltd. Electronic flash apparatus. 4,530,035, 7-16-85, Cl. 362-11.000.
- Kawaragi, Yuji: *See—*
  - Otake, Masayuki; Murayama, Masayoshi; and Kawaragi, Yuji, 4,520,127, Cl. 502-209.000.
- Kawasaki, Akihisa; Tada, Kohji; Kotani, Toshihiro; and Miyazawa, Shintaro, to Sumitomo Electric Industries, Ltd.; and Nippon Telegraph & Telephone Public Corporation. Process for preparing single crystal. 4,537,652, 8-27-85, Cl. 156-617.0SP.
- Kawasaki, Akihisa: *See—*
  - Miyazawa, Shintaro; Naaishi, Yasushi; Tada, Kohji; Kawasaki, Akihisa; and Kotani, Toshihiro, 4,528,061, Cl. 156-605.000.
- Kawasaki, Akiyoshi: *See—*
  - Imaki, Katsuhiro; Muryobayashi, Takashi; and Kawasaki, Akiyoshi, 4,562,207, Cl. 514-573.000.
- Kawasaki, Hironobu: *See—*
  - Umezono, Akimi; Kawasaki, Hironobu; Sato, Takashi; and Hayashi, Tomohiko, 4,497,850, Cl. 427-127.000.
- Kawasaki, Hiroshi: *See—*
  - Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,526,929, Cl. 525-80.000.
  - Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,528,330, Cl. 525-85.000.
  - Kumada, Masaharu; Tanabe, Hideo; Yuhara, Katsuo; Misumi, Akira; and Kawasaki, Hiroshi, 4,543,441, Cl. 136-249.000.
  - Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,510,233, Cl. 430-527.000.
  - Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,518,354, Cl. 430-527.000.
  - Yokoyama, Shigeki; Okamura, Hisashi; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,558,001, Cl. 430-527.000.
- Kawasaki, Hiroyuki: *See—*
  - Kawaguchi, Yoshikazu; Maruyama, Seiichro; and Kawasaki, Hiroyuki, 4,514,357, Cl. 264-328.160.
- Kawasaki Jukogyo Kabushiki Kaisha: *See—*
  - Fujii, Hideichi; Yamane, Chiyoki; and Kawai, Fumio, 4,520,057, Cl. 428-68.000.
  - Fujikawa, Tetsuzo; Tamba, Shinichi; and Miyake, Hitomi, 4,531,487, Cl. 123-198.0DC.
  - Fujikawa, Tetsuzo; and Abe, Shinji, 4,538,568, Cl. 123-310.000.
  - Horiuchi, Hajimu; and Sakaguchi, Akira, 4,536,637, Cl. 219-117.100.
  - Itoh, Masaki, 4,501,384, Cl. 224-32.00A.
  - Kaneko, Hideo; Kumashiro, Hatuyoshi; and Iwata, Akira, 4,495,982, Cl. 164-452.000.
  - Kaneko, Hideo; Kumashiro, Hatsuyoshi; and Iwata, Akira, 4,527,616, Cl. 164-502.000.
  - Matsui, Shigetomo; Atsuta, Toshio; and Toma, Shouji, 4,542,846, Cl. 228-112.000.
  - Nagata, Osamu; Inagaki, Masanari; and Yamada, Hajime, 4,532,877, Cl. 114-144.00E.
  - Nakano, Hideaki; Ozu, Tadahiro; and Shirai, Eiichi, 4,517,930, Cl. 123-41.310.
  - Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.
  - Nishida, Hiroshi, 4,552,282, Cl. 220-20.000.
  - Nishida, Toyomi; Suzuki, Takeshi; Hatamori, Takashi; and Terada, Sei, 4,504,020, Cl. 241-121.000.
  - Okada, Yukio; and Iwamura, Akira, 4,505,457, Cl. 267-3.000.
  - Ono, Hiromi; and Inoue, Takemi, 4,541,808, Cl. 440-42.000.
  - Saito, Yu; and Harada, Tsuneo, 4,560,615, Cl. 428-328.000.
  - Shirai, Tetsuaki, 4,537,160, Cl. 123-41.580.
  - Suzuki, Takeshi; Murao, Mikio; Uchida, Masahiro; Kumagai, Chikanori; and Yotsui, Yasuhiko, 4,492,570, Cl. 432-106.000.
  - Takada, Toshiyuki; and Tamba, Shinichi, 4,494,491, Cl. 123-41.720.
  - Tamba, Shinichi; Sato, Masato; Watanabe, Kozo; and Yamashita, Masanobu, 4,548,167, Cl. 123-41.560.
  - Tamba, Shinichi; and Mitadera, Takashi, 4,549,520, Cl. 123-572.000.
  - Tamba, Shinichi; and Fukui, Noboru, 4,561,386, Cl. 123-41.700.
  - Yoshida, Toshio; and Atsuta, Toshio, 4,491,001, Cl. 72-76.000.
  - Yoshida, Toshio; Itoga, Kouyu; Matsui, Shigetomo; and Atsuta, Toshio, 4,509,776, Cl. 285-55.000.
  - Yoshida, Toshio, 4,556,240, Cl. 285-55.000.
- Kawasaki, Kanji: *See—*
  - Okazaki, Tetuji; Kawasaki, Kanji; and Hirose, Masayoshi, 4,524,252, Cl. 200-38.00E.
- Kawasaki, Kanjiro: *See—*
  - Kubo, Keishi; Watanabe, Hideo; Takigawa, Nobuhiro; Hagiri, Minoru; and Kawasaki, Kanjiro, 4,500,896, Cl. 346-204.000.
- Kawasaki, Kanjirou: *See—*
  - Watanabe, Hideo; Takigawa, Nobuhiro; Hakiri, Minoru; Kawasaki, Kanjirou; and Kubo, Keishi, 4,529,993, Cl. 346-208.000.
  - Watanabe, Hideo; Hakiri, Minoru; Kawasaki, Kanjirou; Kubo, Keishi; and Takigawa, Nobuhiro, 4,562,448, Cl. 346-208.000.
- Kawasaki, Kanzirou: *See—*
  - Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, 4,538,164, Cl. 346-209.000.
- Kawasaki Kasei Chemicals Ltd.: *See—*
  - Komatsu, Tatsuyoshi; Numata, Shigeaki; Hioki, Katsuhiko; and Sumino, Toshihiko, 4,530,745, Cl. 204-130.000.
  - Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, 4,536,337, Cl. 260-396.00R.
  - Sakai, Kazuaki; Sato, Tuneyasu; and Chiba, Kazuhiko, 4,561,935, Cl. 162-30.100.

- Kawasaki, Katsuhiro: *See*—
  - Shimura, Yoshimasa; Kakiuchi, Hideyuki; Minamikawa, Yoshihisa; and Kawasaki, Katsuhiro, 4,524,277, Cl. 250-397.000.
- Kawasaki, Katsuyoshi, to Honda Giken Kogyo Kabushiki Kaisha. Articulated tricycle. 4,541,501, 9-17-85, Cl. 180-215.000.
- Kawasaki, Katsuyuki: *See*—
  - Tanaka, Hideki; Kamimura, Masanori; Horikawa, Koji; and Kawasaki, Katsuyuki, 4,525,158, Cl. 474-167.000.
- Kawasaki, Kazuhiro; and Muranaka, Akio, to Honda Giken Kogyo Kabushiki Kaisha. Fullface-type helmet. 4,556,994, 12-10-85, Cl. 2-424.000.
- Kawasaki, Kazuhiro: *See*—
  - Kamiya, Tadashi; Kawasaki, Kazuhiro; and Muranaka, Akio, 4,519,099, Cl. 2-424.000.
- Kawasaki, Keiichi: *See*—
  - Yuguchi, Naoki; and Kawasaki, Keiichi, 4,541,625, Cl. 271-42.000.
- Kawasaki, Kikuo; and Sano, Tomomi, to Fuji Electric Co., Ltd. Automatic vending machine. 4,517,651, 5-14-85, Cl. 364-479.000.
- Kawasaki, Kikuo; and Sano, Tomomi, to Fuji Electric Co., Ltd. Vending machine with doors. 4,553,211, 11-12-85, Cl. 364-479.000.
- Kawasaki, Kiyomitsu: *See*—
  - Matsumoto, Yuuichi; Kawasaki, Kiyomitsu; and Ishitani, Masato, 4,492,644, Cl. 252-522.00A.
- Kawasaki, Kiyoshi: *See*—
  - Fukushima, Tsutomu; Kawasaki, Kiyoshi; and Sasaki, Sadayuki, 4,515,352, Cl. 266-218.000.
- Kawasaki, Masahiro; Aoki, Harumi; and Suzuki, Koji, to Asahi Kogaku Kogyo Kabushiki Kaisha. Photo-electric conversion device with accumulation time control and leakage current compensation. 4,544,848, 10-1-85, Cl. 250-578.000.
- Kawasaki, Masahiro: *See*—
  - Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.
  - Negishi, Kiyoshi; Kawasaki, Masahiro; and Tano, Eiichi, 4,514,075, Cl. 354-446.000.
- Kawasaki, Mikio: *See*—
  - Sakamoto, Eiichi; Kawasaki, Mikio; Ono, Kouji; Fukuoji, Kakujulo; and Fujimori, Noboru, 4,500,631, Cl. 430-413.000.
- Kawasaki, Noboru: *See*—
  - Nakayama, Shigenobu; Noda, Eiichi; Noguchi, Yoshiaki; Yamamoto, Isamu; and Kawasaki, Noboru, 4,507,500, Cl. 564-340.000.
- Kawasaki, Nobuhiro: *See*—
  - Akazawa, Michihiro; and Kawasaki, Nobuhiro, 4,519,888, Cl. 204-252.000.
- Kawasaki, Sadanobu; Yamauchi, Mineo; and Akada, Masanori, to Dai Nippon Insatsu Kabushiki Kaisha. Heat transferable sheet. 4,555,427, 11-26-85, Cl. 428-195.000.
- Kawasaki, Shunzo: *See*—
  - Shibata, Fumio; and Kawasaki, Shunzo, 4,548,848, Cl. 428-85.000.
- Kawasaki Steel Corporation: *See*—
  - Asano, Yuichiro; Hirahashi, Akira; Ohga, Suehisa; Yabe, Tadashi; Kurita, Kunio; and Momose, Atsushi, 4,492,472, Cl. 356-376.000.
  - Ebata, Sadao; and Bando, Seiji, 4,511,089, Cl. 239-553.300.
  - Ehiro, Takashi; Tanaka, Teruaki; and Yamanaka, Eisuke, 4,550,582, Cl. 72-234.000.
  - Funyu, Yutaka; Okumura, Tadashi; Monno, Asao; and Shimizu, Masami, 4,491,731, Cl. 250-358.100.
  - Goto, Tomomichi; Iwamoto, Katsuo; Kobayashi, Yoshinori; and Matoba, Isao, 4,517,032, Cl. 148-111.000.
  - Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.
  - Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.
  - Ichida, Toshio; Kobayashi, Hideo; Ogata, Hajime; and Tsugawa, Shunichi, 4,519,879, Cl. 204-35.100.
  - Ikariishi, Koichi; Kitano, Toshiaki; Shinohara, Masanori; and Shimoji, Yasuo, 4,527,915, Cl. 384-480.000.
  - Irie, Toshio; and Sato, Susumu, 4,496,400, Cl. 148-12.00C.
  - Irie, Toshio; Sato, Susumu; and Hashimoto, Osamu, 4,544,419, Cl. 148-12.00C.
  - Ishii, Sugao; Itou, Susumu; Kawamura, Mikio; and Tsukamoto, Tadashi, 4,496,063, Cl. 212-270.000.
  - Kato, Toshiyuki; Takahashi, Isao; Irie, Toshio; and Ogawa, Yozo, 4,561,910, Cl. 148-12.400.
  - Kawasaki, Tatsuo; Takada, Isao; and Ohtsubo, Hiroshi, 4,533,806, Cl. 219-8.500.
  - Komoda, Akira; Hirooka, Yasuhiro; Yoshihara, Takahisa; and Matsuda, Akira, 4,500,400, Cl. 204-206.000.
  - Koshikawa, Takao; Ueda, Tsunehiro; and Ozeki, Tadao, 4,522,251, Cl. 164-491.000.
  - Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, 4,541,903, Cl. 204-28.000.
  - Matsuyama, Junya; Kamada, Akio; Kawabata, Fumimaru; Uegaki, Tatsufumi; and Miyake, Shigeru, 4,527,033, Cl. 219-61.000.
  - Mochizuki, Kazuo; Nakakoji, Hisatada; Ichida, Toshio; Irie, Toshio; Ogata, Hajime; and Yamaji, Kyoko, 4,561,943, Cl. 204-28.000.
  - Morita, Masahiko; Mano, Junichi; Nishida, Minoru; Tanaka, Tomoo; Aoyagi, Nobuo; and Takizawa, Syoichi, 4,502,897, Cl. 148-12.00F.
  - Murakami, Shinjiro; Hashimoto, Osamu; Morimoto, Kazuo; and Hyodo, Kaneaki, 4,495,009, Cl. 148-128.000.
  - Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.
  - Ogata, Hajime; Ohashi, Yoshiharu; Tsugawa, Shunichi; Ichida, Toshio; and Irie, Toshio, 4,542,077, Cl. 428-629.000.
  - Sakuraya, Toshikazu; Fujii, Tetsuya; Matsui, Shigeo; and Hayashi, Shigeki, 4,539,020, Cl. 55-26.000.
  - Sasaki, Hiroaki; Nishiyama, Noboru; and Kamada, Akio, 4,546,230, Cl. 219-121.0LD.
  - Sato, Kuniaki; Muto, Shinichiro; Yanagishima, Fumiya; and Shimoyama, Yuji, 4,531,904, Cl. 431-10.000.
  - Shibuya, Kiyoshi; Kan, Takahiro; and Ito, Yo, 4,518,029, Cl. 164-463.000.
  - Shibuya, Kiyoshi; Yukumoto, Masao; Kan, Takahiro; and Ito, Yo, 4,546,814, Cl. 164-455.000.
  - Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.
  - Sudo, Fumio; Fujii, Tetsuya; Kato, Yoshiei; Yamada, Sumio; and Emoto, Kanji, 4,543,125, Cl. 75-51.500.
  - Sunami, Hideo; Kuguminato, Hideo; Izumiyama, Yoshio; Yanagishima, Fumiya; Obara, Takashi; and Mochizuki, Kazuo, 4,561,909, Cl. 148-12.00D.
  - Takajo, Shigeaki, 4,561,893, Cl. 75-251.000.
  - Takasaki, Junsuke; Sato, Hirotake; and Yasuda, Akira, 4,517,031, Cl. 148-12.00C.
  - Tanaka, Kunihiro; and Futagami, Nobuhiro, 4,547,146, Cl. 431-180.000.
  - Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.
  - Yaji, Motoyasu; Shimizu, Masuto; Yamanaka, Hiromitsu; and Koshikawa, Takao, 4,553,604, Cl. 164-453.000.
  - Yonezawa, Kazuma; Tanda, Toshikuni; and Ishitobi, Hirotake, 4,548,868, Cl. 428-446.000.
  - Yoshida, Shigeru; Shiraishi, Norihisa; Asakawa, Chosei; and Sakaguchi, Morohira, 4,544,142, Cl. 266-252.000.
- Kawasaki, Takao; Tsuchiya, Tadashi; and Osaka, Yoshiaki, to Kureha Kagaku Kogyo Kabushiki Kaisha. 2-Substituted-4-thiazolidones. 4,540,702, 9-10-85, Cl. 514-369.000.
- Kawasaki, Takao; Immaru, Daisaku; Tsuchiya, Tadashi; Yamaguchi, Yukiharu; and Komatsu, Katsumi, to Kureha Kagaku Kogyo Kabushiki Kaisha. 2-substituted-phenylthiazole derivatives. 4,558,059, 12-10-85, Cl. 514-371.000.
- Kawasaki, Tatsuo; Takada, Isao; and Ohtsubo, Hiroshi, to Kawasaki Steel Corporation. Method of manufacturing bimetallic tubes. 4,533,806, 8-6-85, Cl. 219-8.500.
- Kawasaki, Toshikazu: *See*—
  - Kawakatsu, Shiro; and Kawasaki, Toshikazu, 4,495,484, Cl. 340-52.00D.
- Kawasaki, Yoichi; and Katayama, Tsutomu, to Fuji Oil Company, Limited. Process for producing meat block-like protein material. 4,551,351, 11-5-85, Cl. 426-656.000.
- Kawasaki, Yoshinari: *See*—
  - Katayama, Sakae; Asano, Tadahiko; Marugame, Kazuo; Kanada, Sadaoki; and Kawasaki, Yoshinari, 4,512,552, Cl. 253-389.00R.
- Kawasaki Yucoh Co., Ltd.: *See*—
  - Masuda, Shigeru; and Yashima, Tsuneaki, 4,557,889, Cl. 264-320.000.
- Kawase, Akio: *See*—
  - Ebisawa, Masuo; Kawase, Akio; and Nakamura, Akiyoshi, 4,519,436, Cl. 164-120.000.
- Kawase, Hisao: *See*—
  - Uchida, Yukio; Takagi, Kazuhiro; Katayama, Kiichiro; and Kawase, Hisao, 4,546,051, Cl. 428-653.000.
- Kawase, Kaoru: *See*—
  - Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, 4,502,930, Cl. 204-160.100.
- Kawase, Mayumi: *See*—
  - Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.
- Kawase, Shigeki: *See*—
  - Suzuki, Takashi; Shinohara, Koichi; Odagiri, Masaru; Fujita, Takashi; and Kawase, Shigeki, 4,514,451, Cl. 428-141.000.
  - Suzuki, Takashi; Hibino, Kunio; Murai, Mikio; Kawase, Shigeki; and Shinohara, Koichi, 4,540,618, Cl. 428-141.000.
- Kawase, Yozo: *See*—
  - Inagaki, Taizo; Ichikawa, Kentaro; Kido, Hitoshi; and Kawase, Yozo, 4,514,138, Cl. 415-1.000.
- Kawashima, Akiro: *See*—
  - Shibata, Setsuo; Koshiba, Yukihiko; Hamamoto, Yoshito; Kugai, Katsutoshi; Kawashima, Akiro; and Fujisawa, Hiroshi, 4,540,490, Cl. 210-323.200.
- Kawashima, Chikashi: *See*—
  - Yamamoto, Kazuhiko; Nejigaki, Kazumi; Yasumura, Takashi; Kawashima, Chikashi; and Inoue, Shuichi, 4,560,737, Cl. 527-72.000.
- Kawashima, Hirofumi, to Seiko Instruments & Electronics Ltd. Flexural mode vibrator formed of lithium tantalate. 4,525,646, 6-25-85, Cl. 310-360.000.

Kawashima, Hiroki: *See—*
- Kurahashi, Osamu; Tsuchida, Takayasu; Kawashima, Hiroki; Enei, Hitoshi; and Nakamori, Shigeru, 4,504,581, Cl. 435-107.000.

Kawashima, Hiroshi: *See—*
- Mogami, Takao; and Kawashima, Hiroshi, 4,556,605, Cl. 428-331.000.

Kawashima, Isao: *See—*
- Yamaguchi, Tokundo; Kimizuka, Masanori; and Kawashima, Isao, 4,545,500, Cl. 220-4.00B.

Kawashima, Katsumi: *See—*
- Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.

Kawashima, Kazue, to Tokyo Shibaura Denki Kabushiki Kaisha. Gas insulated switch. 4,525,612, 6-25-85, Cl. 200-147.00R.

Kawashima, Kazuharu: *See—*
- Matsumoto, Kenji; Kawashima, Kazuharu; and Hayashi, Jun, 4,503,134, Cl. 430-7.000.

Kawashima, Kenichi: *See—*
- Hayase, Isao; Suginuma, Atsushi; Kishi, Atsuo; and Kawashima, Kenichi, 4,515,514, Cl. 418-150.000.
- Kobayashi, Koichi; Kawashima, Kenichi; and Oshio, Shuzo, 4,508,968, Cl. 250-441.100.

Kawashima, Machio: *See—*
- Kasagi, Kunisuke; and Kawashima, Machio, 4,514,664, Cl. 315-383.000.

Kawashima, Ryoji; Usagawa, Akira; and Masuda, Takayoshi, to Mitsui Toatsu Chemicals, Inc. Saccharide fatty acid ester for bloat-prevention or bloat-treatment. 4,496,547, 1-29-85, Cl. 514-25.000.

Kawashima, Ryozo, to Nihon Electric Co. Ltd. Air cleaning apparatus. 4,516,991, 5-14-85, Cl. 55-124.000.

Kawashima, Saburo; and Yamaguchi, Akihiro, to Mitsui Toatsu Chemicals, Inc. Process for preparation of 3,3′- or 3,4′-diamino benzophenone. 4,556,738, 12-3-85, Cl. 564-329.000.

Kawashima, Saburo: *See—*
- Yamaguchi, Keizaburo; Sugimoto, Kenichi; Tanabe, Yoshimitsu; Kawashima, Saburo; and Yamaguchi, Akihiro, 4,540,818, Cl. 564-330.000.

Kawashima, Susumu; and Yamada, Shigeru, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument producing chord tones utilizing channel assignment. 4,543,869, 10-1-85, Cl. 84-1.010.

Kawashima, Susumu; and Yamada, Shigeru, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument producing bass and chord tones utilizing channel assignment. 4,553,465, 11-19-85, Cl. 84-1.030.

Kawashima, Takai: *See—*
- Matsuo, Yoshiho; Nishijima, Ryoji; Yoshino, Atsuhiko; and Kawashima, Takai, 4,528,151, Cl. 264-83.000.

Kawashima, Takao, to Pioneer Electronic Corporation. Tape cassette. 4,505,440, 3-19-85, Cl. 242-199.000.

Kawashima Textile Manufacturers Ltd.: *See—*
- Yonehana, Kiyoshi; and Tachibana, Zenpei, 4,561,473, Cl. 139-21.000.

Kawashima, Yoshiharu: *See—*
- Ohashi, Shigeo; and Kawashima, Yoshiharu, 4,527,023, Cl. 200-11.00G.

Kawashima, Yoshikazu: *See—*
- Katoo, Hisashi; Fujiwara, Kunio; and Kawashima, Yoshikazu, 4,556,940, Cl. 364-424.000.

Kawashima, Yuji: *See—*
- Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, 4,502,975, Cl. 252-315.100.

Kawashima, Yukio, to Mizuno Corporation. Mid-sole of a shoe. 4,490,928, 1-1-85, Cl. 36-69.000.

Kawashima, Yukio, to Mizuno Corporation. Insole with exchangeable reliant pieces. 4,557,060, 12-10-85, Cl. 36-44.000.

Kawashima, Yutaka: *See—*
- Ninomiya, Masakazu; Suzuki, Atsushi; and Kawashima, Yutaka, 4,503,824, Cl. 123-436.000.
- Suzuki, Atsushi; Ninomiya, Masakazu; Maeda, Katsuya; and Kawashima, Yutaka, 4,550,701, Cl. 123-436.000.

Kawashimo, Norishige; and Nakajima, Joe, to Hitachi, Ltd. Data processor in automobiles. 4,539,641, 9-3-85, Cl. 364-424.000.

Kawasima, Yukio: *See—*
- Onoda, Kenji; and Kawasima, Yukio, 4,561,195, Cl. 36-30.00R.

Kawasumi, Kouzi: *See—*
- Hayashi, Mikio; Kawasumi, Kouzi; and Kimura, Yoshinobu, 4,540,252, Cl. 350-634.000.

Kawasumi Laboratories, Inc.: *See—*
- Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, 4,559,034, Cl. 604-52.000.

Kawasumi, Masashi: *See—*
- Kishi, Hajimu; Seki, Masaki; and Kawasumi, Masashi, 4,533,286, Cl. 409-80.000.

Kawasumi, Yoichi, to Mitsubishi Denki Kabushiki Kaisha. Method of winding a superconducting coil. 4,561,175, 12-31-85, Cl. 29-605.000.

Kawata, Akiho: *See—*
- Ohbayashi, Nobuo; Kawata, Akiho; Miya, Shuichi; and Niinuma, Teruhisa, 4,556,604, Cl. 428-323.000.

Kawata, Ken: *See—*
- Hirai, Hiroyuki; and Kawata, Ken, 4,499,180, Cl. 430-559.000.
- Hirai, Hiroyuki; and Kawata, Ken, 4,511,650, Cl. 430-559.000.
- Hirai, Hiroyuki; Sato, Kozo; and Kawata, Ken, 4,514,493, Cl. 430-617.000.

Kawata, Shigeo: *See—*
- Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, 4,545,932, Cl. 260-112.50R.
- Yokogawa, Kanae; Kotani, Shozo; Kawata, Shigeo; and Takase, Yoshiyuki, 4,515,891, Cl. 435-69.000.

Kawata, Shoji; Hyodo, Hitoshi; and Akita, Tokihiko, to Aisin Seiki Kabushiki Kaisha. Automobile speed control system. 4,540,060, 9-10-85, Cl. 180-179.000.

Kawata, Shoji: *See—*
- Hamajima, Shigemitsu; Nishimura, Tomoaki; Sakakibara, Naoji; and Kawata, Shoji, 4,499,542, Cl. 364-424.100.
- Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, 4,553,209, Cl. 364-431.070.
- Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, 4,553,621, Cl. 180-179.000.
- Sakakibara, Naoji; Amano, Hiroyuki; Morioka, Hiroaki; and Kawata, Shoji, 4,559,864, Cl. 91-454.000.

Kawata, Shun; Nosaka, Isao; and Katakura, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Electrophotographic reproducing machine. 4,511,237, 4-16-85, Cl. 355-3.00R.

Kawata, Shun: *See—*
- Tamura, Takashi; and Kawata, Shun, 4,491,161, Cl. 141-364.000.

Kawata, Toshikatsu: *See—*
- Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, 4,506,053, Cl. 524-405.000.

Kawata, Yoshimasa: *See—*
- Minami, Kenji; Kawata, Yoshimasa; Ushio, Tetsuji; Tani, Hoshiro; and Mitani, Kazuhisa, 4,502,924, Cl. 204-16.000.

Kawatani, Kimio; Fujikawa, Takashi; and Watanabe, Eiji, to Arakawa Kagaku Kogyo Kabushiki Kaisha. Self-emulsifying sizing composition. 4,544,414, 10-1-85, Cl. 106-287.240.

Kawatani, Masafumi: *See—*
- Maeda, Kiyoshi; and Kawatani, Masafumi, 4,525,749, Cl. 358-290.000.

Kawate, Keiichi; and Sekiya, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing semiconductor device, including a step of patterning a conductor layer. 4,505,024, 3-19-85, Cl. 29-571.000.

Kawate, Keith W.; and Strachan, Richard W., deceased (by Strachan, Dawne C., executrix), to Texas Instruments Incorporated. Universal single phase motor starting control apparatus. 4,496,895, 1-29-85, Cl. 318-781.000.

Kawate, Kenji: *See—*
- Yamada, Shunsuke; Kawate, Kenji; Ono, Takashi; Arakawa, Hideo; and Suda, Tsuyoshi, 4,496,312, Cl. 432-11.000.

Kawatei, Hisatsugu, to Diesel Kiki Co., Ltd. Overflow valve for distributor-type fuel injection pumps. 4,509,491, 4-9-85, Cl. 123-502.000.

Kawatsu, Teruo: *See—*
- Gounji, Takashi; Kawatsu, Teruo; Kasai, Yoshihiko; and Takeuchi, Chikao, 4,555,682, Cl. 333-189.000.

Kawatsura, Yoshihiro: *See—*
- Inuzuka, Tsuneki; Kawatsura, Yoshihiro; and Ishida, Masato, 4,538,902, Cl. 355-14.0FU.

Kawauchi, Akihiro: *See—*
- Kawanami, Hisashi; Suzuki, Kiyoshi; and Kawauchi, Akihiro, 4,544,999, Cl. 362-298.000.

Kawauchi, Kazunori; and Sato, Junichi, to Daido Kogyo, Co., Ltd. Tire rim structure and method of manufacture. 4,561,481, 12-31-85, Cl. 152-379.300.

Kawauchi, Masahiko, to Alps Electric Co., Ltd. Keyboard switch. 4,501,938, 2-26-85, Cl. 200-5.00A.

Kawauchi, Masataka: *See—*
- Matsuno, Jyunichi; Kawauchi, Masataka; and Yoshida, Masashi, 4,562,443, Cl. 346-76.0PH.

Kawauchi, Yasunobu: *See—*
- Takigawa, Tadahiro; and Kawauchi, Yasunobu, 4,530,064, Cl. 364-523.000.

Kawazoe, Shunji: *See—*
- Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,499,247, Cl. 526-142.000.
- Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Sato, Akihiro, 4,500,682, Cl. 525-240.000.
- Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,510,292, Cl. 525-247.000.
- Chiba, Hiromasa; Harada, Takakiyo; Kumahara, Katsumi; Kawazoe, Shunji; and Sato, Akihiro, 4,526,931, Cl. 525-268.000.

Kawazoe, Yasuyuki: *See—*
- Maetani, Teruo; Miyoshi, Ryoichi; Nahara, Yukinori; Kawazoe, Yasuyuki; and Hamada, Taizo, 4,504,228, Cl. 433-199.000.

Kawazoe, Yuzuru: *See—*
- Kimijima, Norio; and Kawazoe, Yuzuru, 4,536,615, Cl. 179-81.00B

Kawazura, Hiroshi: *See—*
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,147, Cl. 514-274.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.

- Kawczak, Alex W.: *See—*
  - Gunesin, Binnur Z.; and Kawczak, Alex W., 4,503,187, Cl. 525-71.000.
- Kay, Andrew F.; and Kay, David A. Programmed learning textbook. 4,552,536, 11-12-85, Cl. 434-327.000.
- Kay, Arthur S., to Burco-Dean Limited. Gas hotplate. 4,527,539, 7-9-85, Cl. 126-39.00R.
- Kay, D. Alan R.; and Wilson, William G., to Union Oil Company of California. Desulfurization of fluid materials. 4,507,149, 3-26-85, Cl. 75-58.000.
- Kay, Daniel J.: *See—*
  - Katsen, Boris J.; Brinkworth, Robert T.; Kay, Daniel J.; and Riester, James A., 4,500,354, Cl. 106-21.000.
- Kay, David A.: *See—*
  - Kay, Andrew F.; and Kay, David A., 4,552,536, Cl. 434-327.000.
- Kay, David J.: *See—*
  - Cottrell, John S.; Turner, Patrick J.; and Kay, David J., 4,524,275, Cl. 250-298.000.
- Kay, David P.: *See—*
  - Westwood, Robert; Miller, Peter; Ager, Ian R.; and Kay, David P., 4,510,143, Cl. 514-250.000.
- Kay, Duncan A.: *See—*
  - Musto, Franklyn K.; Bourn, Hugh E.; Buchanan, John; and Kay, Duncan A., 4,535,477, Cl. 2-2.10R.
- Kay, Edward L.; and Gutierrez, Richard, to Firestone Tire & Rubber Company, The. Process for extracting rubber and by-products from guayule and guayule-like shrubs. 4,526,959, 7-2-85, Cl. 528-930.000.
- Kay, Edward L.; and Gutierrez, Richard, to Firestone Tire & Rubber Company, The. Rubber additives derived from guayule resins and compositions containing them. 4,542,191, 9-17-85, Cl. 525-383.000.
- Kay, Edward L.; Gutierrez, Richard; and Conard, Wendell R., to Firestone Tire & Rubber Company, The. Stabilization of elastomers with aliphatic-phenyl diamines and aliphatic phosphite compounds. 4,559,378, 12-17-85, Cl. 524-147.000.
- Kay, Edward L.: *See—*
  - Gutierrez, Richard; Kay, Edward L.; and Serbin, David J., 4,530,995, Cl. 528-930.000.
- Kay, Fern. Safety vest or harness for pets or small children. 4,537,154, 8-27-85, Cl. 119-96.000.
- Kay, Ian T.; and Noon, Robert A., to Imperial Chemical Industries PLC. Aminonitrile intermediates. 4,506,084, 3-19-85, Cl. 549-74.000.
- Kay, Ian T.; and Noon, Robert A., to Imperial Chemical Industries PLC. Biologically active amides. 4,515,959, 5-7-85, Cl. 548-378.000.
- Kay, Ian T.; and Noon, Robert A., to Imperial Chemical Industries PLC. Biologically active amides. 4,552,887, 11-12-85, Cl. 514-381.000.
- Kay, John F.: *See—*
  - Canning, John L.; and Kay, John F., 4,551,390, Cl. 428-431.000.
- Kay, Nicholas W.: *See—*
  - Barth, Edward G.; Braude, Ruvim; and Kay, Nicholas W., 4,496,875, Cl. 313-632.000.
  - Barth, Edward G.; Braude, Ruvim; and Kay, Nicholas W., 4,547,467, Cl. 501-20.000.
- Kay, Robert M.: *See—*
  - Callaghan, Timothy J.; and Kay, Robert M., 4,533,250, Cl. 356-350.000.
- Kay, Ronald D. Latch mechanism. 4,548,433, 10-22-85, Cl. 292-49.000.
- Kay, William E. Hole boring apparatus and method. 4,530,410, 7-23-85, Cl. 175-57.000.
- Kaya, Azmi; and Sommer, Alan C., to Babcock & Wilcox Company, The. Cooling tower monitor. 4,507,930, 4-2-85, Cl. 62-129.000.
- Kaya, Azmi: *See—*
  - Enterline, Larry L.; and Kaya, Azmi, 4,562,531, Cl. 364-164.000.
- Kaya, Tadahiro: *See—*
  - Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.
- Kayaba, Hitoshi: *See—*
  - Fujiya, Sigeru; Tsubaki, Tohru; Amano, Naoki; Yaginuma, Kyuzi, Kayaba, Hitoshi; Aiko, Yoriyuki; and Takahashi, Takeshi, 4,503,481, Cl. 361-341.000.
- Kayaba Kogyo Kabushiki Kaisha: *See—*
  - Mizumukai, Ken; and Higuchi, Shinichi, 4,491,339, Cl. 280-668.000.
  - Mizumukai, Ken; Masamura, Tatuya; and Yamanaka, Hiroshi, 4,561,524, Cl. 188-319.000.
  - Mochizuki, Norihiro; and Hashizume, Hiroyuki, 4,492,545, Cl. 418-149.000.
- Kayama, Hiroaki: *See—*
  - Yamamoto, Sadashi; Kayama, Hiroaki; and Watanabe Masaki, 4,543,849, Cl. 74-501.50R.
- Kayama, Tsutomu, to Mitsubishi Denki Kabushiki Kaisha. Cold water supply system. 4,502,289, 3-5-85, Cl. 62-185.000.
- Kayane, Yutaka; Omura, Takashi; Otake, Katsumasa; and Takeshita, Akira, to Sumitomo Chemical Company, Limited. Monoazo compound having both monochlorotriazinyl and vinylsulfone type reactive groups. 4,511,507, 4-16-85, Cl. 534-629.000.
- Kayane, Yutaka; and Harada, Naoki, to Sumitomo Chemical Company, Limited. Halo-triazine and vinylsulfone reactive dye composition with buffer for storage stability. 4,548,612, 10-22-85, Cl. 8-524.000.
- Kayane, Yutaka: *See—*
  - Otake, Katsumasa; Omura, Takashi; Kayane, Yutaka; and Imada, Kunihiko, 4,540,418, Cl. 8-524.000.
- Kayanoki, Katsuhiko; Teramachi, Kazuo; Ono, Seigo; and Hashimoto, Yasuyuki, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha; and Kabushiki Kaisha Daikin Seisakusho. Clutch disc structure. 4,560,054, 12-24-85, Cl. 192-106.200.
- Kaydee Engineering, Inc.: *See—*
  - Rosenberger, Leonard S., 4,502,392, Cl. 105-451.000.
- Kaye, Alan S., to United Kingdom Atomic Energy Authority. Induced flow gas transport laser. 4,550,409, 10-29-85, Cl. 372-59.000.
- Kaye, Alex R. Boat with stabilizing flaps. 4,556,009, 12-3-85, Cl. 114-354.000.
- Kaye, Arthur, to British Aerospace Public Limited Company. Control Apparatus. 4,494,061, 1-15-85, Cl. 318-628.000.
- Kaye, Arthur; Carr, Brian; and Latham, Philip A., to British Aerospace Public Limited Company. Control apparatus. 4,516,063, 5-7-85, Cl. 318-685.000.
- Kaye, Bruce J.: *See—*
  - Waggoner, Clinton A.; Dominique, Harry P.; Moonie, Gary A.; and Kaye, Bruce J., 4,506,960, Cl. 350-529.000.
- Kaye, Gordon E.; and Agnello, Joseph A., Jr., to Univention Incorporated. Position actuated illuminated gunsight. 4,524,534, 6-25-85, Cl. 42-1.00S.
- Kaye, Gordon E.; Schwartz, Eugene B.; and Sollins, Irving V., to Ivy-Gene Co., Inc. Medicament implant applicator. 4,531,938, 7-30-85, Cl. 604-62.000.
- Kaye, Lawrence A.; and Mayer, Robert, to Giga-Tronics, Inc. Apparatus for rapidly switching a controlled signal source and method therefor. 4,536,722, 8-20-85, Cl. 331-117.00D.
- Kaye, Stanley B.: *See—*
  - Stevens, Keith D.; Harrison, John; and Kaye, Stanley B., 4,538,171, Cl. 357-81.000.
- Kaye, Wilbur I., to Beckman Instruments, Inc. Apparatus for minimizing beam collimation sensitivity in optical instruments including liquid crystal cells. 4,497,542, 2-5-85, Cl. 350-335.000.
- Kaye, Wilbur I., to Beckman Instruments, Inc. Marking and authenticating documents with liquid crystal materials. 4,514,085, 4-30-85, Cl. 356-71.000.
- Kaye, Wilbur I., to Beckman Instruments, Inc. Stray light measurement and compensation. 4,526,470, 7-2-85, Cl. 356-319.000.
- Kaymen, Joseph. Golf ball position marker and storage device. 4,530,500, 7-23-85, Cl. 273-32.00A.
- Kayros, Richard: *See—*
  - Houpt, Grover K.; and Kayros, Richard, 4,561,320, Cl. 74-128.000.
- Kays, William A.: *See—*
  - Sieloff, Ronald F.; and Kays, William A., 4,555,447, Cl. 428-392.000.
- Kayser, Albrecht, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Rotary piston machine having a plurality of chambers containing reciprocating flap pistons. 4,560,328, 12-24-85, Cl. 418-8.000.
- Kayser, Harald; and Pfeiffer, Wilfried, to U.S. Philips Corporation. X-ray examination apparatus having at least one film storage magazine. 4,523,420, 6-18-85, Cl. 53-266.00R.
- Kayser, Robert B.; and Purcell, Robert F., to Angus Chemical Company. Micellar solution for recovering crude oil. 4,536,300, 8-20-85, Cl. 252-8.55D.
- Kayser, Robert B.: *See—*
  - Purcell, Robert F.; and Kayser, Robert B., 4,522,732, Cl. 252-8.55D.
- Kayser-Roth Corporation: *See—*
  - Jones, Paul, Jr., 4,519,147, Cl. 36-19.500.
- Kayser-Roth Hosiery, Inc.: *See—*
  - Casstevens, Arvil; Coble, William H.; Shields, Harper; Ferrell, Roscoe M.; and Jordan, Bobby R., 4,522,042, Cl. 66-140.00S.
  - Frazier, Estill G.; and Kiger, William P., Jr., 4,538,534, Cl. 112-262.200.
  - Lineberry, Roger D.; and Shields, Harper, 4,522,044, Cl. 66-185.000.
  - Safrit, Sam C.; Farrell, Roscoe M.; and Euliss, Melvin C., 4,492,099, Cl. 66-202.000.
  - Shields, Harper; and Lineberry, Roger D., 4,520,635, Cl. 66-185.000.
- Kayser, Thomas: *See—*
  - Eiermann, Kurt; and Kayser, Thomas, 4,516,872, Cl. 403-24.000.
- Kazama, Junichi: *See—*
  - Kitajima, Hiroyuki; Ohmachi, Kazuhiko; Doki, Mitsuru; Kazama, Junichi; and Kanao, Hidekazu, 4,542,458, Cl. 364-200.000.
- Kazama, Munetada: *See—*
  - Ayusawa, Kazutoshi; Satoh, Hosaku; and Kazama, Munetada, 4,550,089, Cl. 501-139.000.
- Kazama, Satoshi: *See—*
  - Kobayashi, Nobushige; and Kazama, Satoshi, 4,502,515, Cl. 141-195.000.
- Kazama, Toyoki: *See—*
  - Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, 4,522,904, Cl. 430-54.000.
- Kazama, Yasuhiro: *See—*
  - Matsumoto, Shigeru; Okabe, Yoshikatsu; and Kazama, Yasuhiro, 4,516,133, Cl. 343-819.000.
- Kazami, Kazuyuki; and Ohtsubo, Yoshiaki, to Nippon Kogaku K.K. Charge control device in a flash device for a camera. 4,511,233, 4-16-85, Cl. 354-418.000.
- Kazanjian, Harout. Picture display assembly. 4,507,884, 4-2-85, Cl. 40-152.200.
- Kazanjy, Robert P., to Western Design Corporation. Ammunition handling system and method. 4,506,588, 3-26-85, Cl. 89-34.000.
- Kazansky Aviatsionny Institut Imeni A. N. Tupoleva: *See—*
  - Uretsky, Yan S.; Mrekin, Ravil V.; Rygalin, Viktor G.; Grechinsky, Dmitry A.; and Klochko, Viktor A., 4,493,213, Cl. 73-664.000.

- Uretsky, Yan S.; Kajumov, Rashid R.; Bashirov, Zaur A.; Bashirova, Alfia G.; and Strelnikov, Alexandr A., 4,513,620, Cl. 73-664.000.
- Uretsky, Yan S., 4,513,622, Cl. 73-664.000.

Kazaoka, Kenichi; and Okazaki, Hiroshi, to Aisin Seiki Kabushiki Kaisha. Fixed-angle adjusting mechanism. 4,502,730, 3-5-85, Cl. 297-366.000.

Kazato, Keiji: *See—*
- Iwasawa, Nobuyuki; and Kazato, Keiji, 4,497,856, Cl. 428-35.000.

Kazda, Stanislav: *See—*
- Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, 4,492,703, Cl. 424-266.000.
- Seidel, Wolfgang; Kazda, Stanislav; and Knorr, Andreas, 4,558,055, Cl. 514-291.000.
- Wehinger, Egbert; Meyer, Horst; Bossert, Friedrich; Vater, Wulf; Towart, Robertson; Stoepel, Kurt; and Kazda, Stanislav, 4,510,310, Cl. 546-321.000.
- Wehinger, Egbert; Kazda, Stanislav; and Knorr, Andreas, 4,559,350, Cl. 514-332.000.

Kazi, Shaukat A.: *See—*
- Kolchinsky, Abel E.; and Kazi, Shaukat A., 4,526,340, Cl. 251-38.000.
- Kolchinsky, Abel E.; and Kazi, Shaukat A., 4,540,154, Cl. 251-129.150.
- Kolchinsky, Abel E.; and Kazi, Shaukat A., 4,544,128, Cl. 251-30.010.

Kazim, Salih: *See—*
- Nangle, Terry; Nangle, John; and Kazim, Salih, 4,558,880, Cl. 280-457.000.

Kazino, Hiroshi; Isomura, Hiroshi; and Mizuno, Kozo, to Kabushiki Kaisha Aoyama Seisakusho. Pierce nut and a back-up die used in combination therewith. 4,525,912, 7-2-85, Cl. 29-243.520.

Kazlauskas, Gasparas. Precise positioning for a welding electrode which follows a three dimensional weld path. 4,538,046, 8-27-85, Cl. 219-125.100.

Kazlauskas, Gasparas. Cylindrical tube welding assembly. 4,554,429, 11-19-85, Cl. 219-60.200.

Kazlauskas, Gasparas. Welding apparatus for welding tubes to the back face of a tube sheet. 4,556,774, 12-3-85, Cl. 219-60.200.

Kazmaier, Gunther: *See—*
- Goller, Ernst; Kazmaier, Gunther; Trissler, Hans-Dieter; and Schmidt, Henning, 4,503,689, Cl. 66-149.00R.

Kazmaier, Peter M.; Baranyi, Guiseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., to Xerox Corporation. Photoconductive devices with hydroxy containing squaraine compositions. 4,552,822, 11-12-85, Cl. 430-59.000.

Kazmaier, Peter M.; Baranyi, Giuseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., to Xerox Corporation. Mixed squaraine photoconductive compositions. 4,559,286, 12-17-85, Cl. 430-59.000.

Kazmaier, Peter M.: *See—*
- Baranyi, Giuseppa; Kazmaier, Peter M.; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,524,218, Cl. 564-307.000.
- Horgan, Anthony M.; Kazmaier, Peter M.; and Burt, Richard A., 4,507,480, Cl. 546-94.000.

Kazmierczak, Walter; and Assony, Edward M., to FMC Corporation. Speed control mechanism for a hydrostatically driven vehicle. 4,553,626, 11-19-85, Cl. 180-307.000.

Kazufumi, Ogawa; Kondo, Shigeru; Yasuda, Yoshiko; Yonezawa, Taketoshi; and Kitahiro, Isamu, to Matsushita Electric Industrial Co., Ltd. Solid-state color-image sensor and process for fabricating the same. 4,523,102, 6-11-85, Cl. 250-578.000.

Kazuhisa Tabuchi: *See—*
- Tabuchi, Akiko, 4,541,622, Cl. 269-325.000.

Kazuma, Koji: *See—*
- Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, 4,521,805, Cl. 358-75.000.

Kazumi, Masafumi: *See—*
- Murata, Toshinori; Ito, Yuji; and Kazumi, Masafumi, 4,559,560, Cl. 358-167.000.

Kazumichi, Shudo: *See—*
- Shigehiro, Koga; Yoshihisa, Kanazawa; Takeshi, Okamoto; Masafumi, Yamanouchi; and Kazumichi, Shudo, 4,528,306, Cl. 523-219.000.

Kazunari Yamada: *See—*
- Suzuki, Kenichi; and Yamada, Kazunari, 4,527,153, Cl. 340-572.000.

Kazuno, Yuzo: *See—*
- Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, 4,536,398, Cl. 514-43.000.

Kazuo, Arai: *See—*
- Teruyuki, Ohba; Kazuo, Arai; Atushi, Yahagi; and Shigeru, Iwakoshi, 4,560,109, Cl. 239-583.000.

Kazuoka, Koji; Suganuma, Testuya; Motooka, Naoki; and Kuroishi, Nobuhito, to Sumitomo Electric Industries, Ltd.; and Toyota Motor Corporation. Valve-seat insert for internal combustion engines. 4,546,737, 10-15-85, Cl. 123-188.00S.

Kazuoka, Koji: *See—*
- Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; and Okujo, Takeshi, 4,491,477, Cl. 75-230.000.
- Suganuma, Tetsuya; and Kazuoka, Koji, 4,518,563, Cl. 419-29.000.
- Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi, 4,524,046, Cl. 419-8.000.

KB Cold Isostatic Press Systems CIPS: *See—*
- Pettersson, Ola, 4,496,299, Cl. 425-405.00H.
- Pettersson, Ola, 4,514,158, Cl. 425-78.000.

KB WIBRA: *See—*
- Forsgren, Roland; Garpendahl, Gunnar; Eriksson, Hans; and Wallentin, Bengt, 4,558,311, Cl. 340-680.000.

KBL Corporation: *See—*
- Zane, Michael S., 4,545,224, Cl. 70-39.000.

KCL Corporation: *See—*
- Ferrell, Robert A.; and Rebber, Richard G., 4,534,752, Cl. 493-213.000.

KDI American Products, Inc.: *See—*
- Spinnett, Raymond G., 4,508,665, Cl. 261-93.000.
- Spinnett, Raymond G., 4,510,967, Cl. 137-389.000.

Keane, James W., to Whirlpool Corporation. Three-piece swivel caster having a force transfer roller. 4,509,227, 4-9-85, Cl. 16-23.000.

Keane, James W., to Whirlpool Corporation. Plastic wheel having an annular bearing support. 4,530,543, 7-23-85, Cl. 301-63.0PW.

Keane, James W., to Whirlpool Corporation. Electrical hose swivel connector for canister vacuum cleaner. 4,550,957, 11-5-85, Cl. 339-5.00R.

Keane, James W., to Whirlpool Corporation. Electrical hose swivel connector for canister vacuum cleaner. 4,557,535, 12-10-85, Cl. 339-5.00R.

Keane, John F.; Butler, John C.; and Archer, Timothy H., to Coulter Systems Corporation. Method and apparatus for half-tone reproduction of a varying tone original image. 4,533,941, 8-6-85, Cl. 358-75.000.

Keane, John F.: *See—*
- Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
- Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,504,126, Cl. 350-469.000.

Keane, John J.; and Pauze, Denis R., to General Electric Company. Corona-resistant wire enamel compositions and conductors insulated therewith. 4,493,873, 1-15-85, Cl. 428-372.000.

Keane, John J.; and Pauze, Denis R., to General Electric Company. Corona-resistant wire enamel compositions and conductors insulated therewith. 4,503,124, 3-5-85, Cl. 428-372.000.

Keane, John J.; and Pauze, Denis R., to General Electric Company. Corona-resistant wire enamel compositions and conductors insulated therewith. 4,537,804, 8-27-85, Cl. 427-118.000.

Keane, John J.; and Pauze, Denis R., to General Electric Company. Corona-resistant wire enamel compositions and conductors insulated therewith. 4,546,041, 10-8-85, Cl. 428-372.000.

Keane, Philip A.: *See—*
- Torino, Arthur J., Jr.; Bouchard, George A.; and Keane, Philip A., 4,499,466, Cl. 343-7.300.

Kear, Bernard H.: *See—*
- Giamei, Anthony F.; and Kear, Bernard H., 4,514,360, Cl. 420-454.000.
- Holiday, Paul R., deceased; Holiday, Suzanne N., executrix; and Kear, Bernard H., 4,499,155, Cl. 428-586.000.

Kearley, Stephen J.: *See—*
- Aubrey, David R.; and Kearley, Stephen J., 4,553,188, Cl. 361-115.000.

Kearney, Dolores C.; Giza, Peter; and Matz, Bruno, to Ford Motor Company. Method of reclaiming sand used in evaporative casting process. 4,544,013, 10-1-85, Cl. 164-5.000.

Kearney, Donald T.: *See—*
- Katz, Saul N.; and Kearney, Donald T., 4,556,575, Cl. 426-594.000.

Kearney, James E.: *See—*
- Anderson, Philip M., III; Bretts, Gerald R.; and Kearney, James E., 4,510,489, Cl. 340-572.000.
- Anderson, Philip M., III; Kearney, James E.; and Bretts, Gerald R., 4,510,490, Cl. 340-572.000.

Kearney-National, Inc.: *See—*
- Osborne, Anthony, 4,536,822, Cl. 361-340.000.

Kearney, Susan D.; and Moses, Peter R., to Duracell Inc. Corrosion prevention additive. 4,526,846, 7-2-85, Cl. 429-194.000.

Kearney & Trecker Corporation: *See—*
- Johnstone, Richard; and Kirkham, Edward E., 4,514,123, Cl. 409-231.000.
- Johnstone, Richard; and Kirkham, Edward E., 4,527,661, Cl. 184-6.100.
- Johnstone, Richard, 4,533,859, Cl. 318-661.000.
- Kielma, Ervin J., 4,507,850, Cl. 29-568.000.
- Kielma, Ervin J., 4,536,111, Cl. 409-80.000.
- Kielma, Ervin J., 4,558,506, Cl. 29-568.000.

Kearns, Chester L., to Montgomery Hosiery Mill, Inc. Sock with simulated lace edge and method. 4,513,589, 4-30-85, Cl. 66-180.000.

Kearns, John P.: *See—*
- Harrison, George W.; Holder, Robert L.; and Kearns, John P., 4,529,167, Cl. 251-144.000.

Kearns, Patrick J.: *See—*
- Mukerjee, Ajit K.; Kearns, Patrick J.; and Rieman, Davis J., 4,545,134, Cl. 34-27.000.

Kearns, Robert L.: *See—*
- Sippel, David F.; and Kearns, Robert L., 4,530,861, Cl. 427-444.000.

Kearns, Robert W. Structure for and method of surface conditioning sensing and indicating and motor speed control. 4,494,059, 1-15-85, Cl. 318-443.000.

- Kearns, Robert W.; and Quan, James G. H. Digital to analog converter. 4,494,107, 1-15-85, Cl. 340-347.0DA.
- Kearns, Robert W. Variable bias logic circuit. 4,531,066, 7-23-85, Cl. 307-445.000.
- Kearns, Robert W.; and Kearns, Timothy B., to Kearns, Robert W. Intermittant windshield wiper control system with improved motor speed control. 4,544,870, 10-1-85, Cl. 318-444.000.
- Kearns, Timothy B.: *See—*
  - Kearns, Robert W.; and Kearns, Timothy B., 4,544,870, Cl. 318-444.000.
- Kearns, Vaughn, to United Aircraft Products, Inc. Machine tool apparatus. 4,527,785, 7-9-85, Cl. 269-71.000.
- Kearns, William F. Oscillator proximity switch. 4,516,229, 5-7-85, Cl. 367-95.000.
- Kearsley, Walter H.; and Wendt, David L., to Canadian Fram Limited. Programmable temperature control system. 4,545,357, 10-8-85, Cl. 123-556.000.
- Keating, John E., to Westinghouse Electric Corp. Narrow beam radar installation for turbine monitoring. 4,507,658, 3-26-85, Cl. 343-12.00R.
- Keating, Kenneth P.: *See—*
  - Sanderson, John R.; Keating, Kenneth P.; Marquis, Edward T.; and Vanderpool, Steven H., 4,547,598, Cl. 568-922.000.
- Keating of Chicago, Inc.: *See—*
  - Keating, Richard T., 4,502,461, Cl. 126-39.00K.
- Keating, Richard T. Cleaning system for deep fryer. 4,502,373, 3-5-85, Cl. 99-337.000.
- Keating, Richard T., to Keating of Chicago, Inc. Griddle control for minimum temperature variation. 4,502,461, 3-5-85, Cl. 126-39.00K.
- Keaton, Tanya L. Semiautomatically actuated rotable lounge chair. 4,544,202, 10-1-85, Cl. 297-349.000.
- Keaton, William R.: *See—*
  - Jarocinski, Richard; Keaton, William R.; and Magennis, Joseph L., 4,539,070, Cl. 156-659.100.
- Keats, Dennis R.: *See—*
  - Vahlstrom, Richard; Keats, Dennis R.; and Lee, Peter T., 4,495,598, Cl. 364-900.000.
  - Vahlstrom, Richard; and Keats, Dennis R., 4,538,223, Cl. 364-200.000.
- Kebede, Berhanu; and George, Marion L., to International Telephone and Telegraph Corporation. Modulating control valve. 4,527,772, 7-9-85, Cl. 251-138.000.
- Kebedjis, Georges, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Fan blade axial locking device. 4,502,841, 3-5-85, Cl. 416-220.00R.
- Kebrle, Ondrej: *See—*
  - Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, 4,549,742, Cl. 280-11.180.
- Kebschull, Franz; and Seidenschnur, Ehrhardt. Arrangement for detecting the position of an index mark relative to a graduation. 4,492,861, 1-8-85, Cl. 250-237.00G.
- Kecala, Ihor G. Exercise bench. 4,546,967, 10-15-85, Cl. 272-93.000.
- Kech, Gunter: *See—*
  - Benz, Karl; and Kech, Gunter, 4,499,765, Cl. 73-290.00V.
- Keck, Daniel H.; Braun, Ralph V.; and Majors, Mark B., to Kimberly-Clark Corporation. Soft nonwoven laminate bonded by adhesive on reinforcing scrim. 4,522,863, 6-11-85, Cl. 428-196.000.
- Keck, Donald B.: *See—*
  - Bhagavatula, Venkata A.; and Keck, Donald B., 4,494,968, Cl. 65-3.120.
  - Borrelli, Nicholas F.; Keck, Donald B.; Morse, David L.; and Sachenik, Paul A., 4,501,468, Cl. 350-96.250.
- Keck, John F. Tool for straightening jewelry chain. 4,537,098, 8-27-85, Cl. 81-488.000.
- Keck, Karl, to Luk Lamellen und Kupplungsbau GmbH. Clutch disc. 4,529,078, 7-16-85, Cl. 192-107.00C.
- Keck, Marvin C.: *See—*
  - Paulus, John R.; and Keck, Marvin C., 4,494,786, Cl. 294-26.000.
- Keck, Terry W. Food consumption appliance. 4,558,804, 12-17-85, Cl. 222-130.000.
- Kecskemethy, Geza; Kovacsay, Istvan; and Magdanyi, Laszlo, to Muanyagipari Kutato Intezet. Procedure for curing unsaturated polyester resins. 4,522,963, 6-11-85, Cl. 523-510.000.
- Keddie, David P.; and Shaw, Richard J., to Hempe Manufacturing Co. Water-powered brush. 4,513,466, 4-30-85, Cl. 15-29.000.
- Kedem, Abraham. Mixing device. 4,536,092, 8-20-85, Cl. 366-265.000.
- Kedem, Tuval, to Equipment Company of America. Pallet truck with hydraulic lift. 4,497,501, 2-5-85, Cl. 280-43.120.
- Kedl, Robert J.: *See—*
  - Ternes, Mark P.; and Kedl, Robert J., 4,540,501, Cl. 252-70.000.
- Kedrowski, Thomas J.: *See—*
  - Wellinghoff, Stephen T.; Jenekhe, Samson A.; and Kedrowski, Thomas J., 4,499,008, Cl. 252-500.000.
- Kee, Richard C.; and Norris, Philip R., to Polaroid Corporation. Film cassette usable as processing chamber. 4,516,844, 5-14-85, Cl. 354-275.000.
- Kee, Richard C., to Polaroid Corporation. Reproducible image and information bearing record. 4,554,591, 11-19-85, Cl. 358-256.000.
- Keearns, Larry R., to E-Systems, Inc. Navigation system. 4,495,580, 1-22-85, Cl. 364-450.000.
- Keearns, Larry R., to E-Systems, Inc. Method of determining the position and velocity of a vehicle. 4,520,445, 5-28-85, Cl. 364-450.000.
- Keearns, Larry R., to E-Systems, Inc. Leading edge estimator for navigation system. 4,558,418, 12-10-85, Cl. 364-450.000.
- Keebler Company: *See—*
  - Thornton, Ian; DeWitt, Kenneth W.; and Robertson, Simon A., 4,517,209, Cl. 426-383.000.
- Keef, Sherron M.: *See—*
  - Sawyer, Willard C.; Sawyer, Edith M.; Keef, Sherron M.; and Sawyer, John W., 4,530,700, Cl. 44-1.00E.
- Keefe, Arthur N. Saw gage. 4,561,186, 12-31-85, Cl. 33-185.00R.
- Keefe, Donald J.; and Despe, Oscar D. DC-AC converter for supplementing an AC power source. 4,528,457, 7-9-85, Cl. 307-46.000.
- Keefer, Donald W., to Classic Corporation. Heated waterbed. 4,521,929, 6-11-85, Cl. 5-422.000.
- Keefer, Donald W.: *See—*
  - Fogel, Isaac; and Keefer, Donald W., 4,506,397, Cl. 5-451.000.
- Keefer, Larry K.; and Lunn, George, to United States of America, America. Reductive destruction of nitrosamines, hydrazines, nitramines, azo- and azoxy-compounds. 4,535,154, 8-13-85, Cl. 544-106.000.
- Keeffe, William M.: *See—*
  - Fohl, Timothy; Keeffe, William M.; and Rothwell, Harold L., 4,499,396, Cl. 313-25.000.
- Keegan, James J., to Warner-Lambert Company. Denture adhesive creams with improved extrudability. 4,495,314, 1-22-85, Cl. 523-120.000.
- Keehan, Donald W.: *See—*
  - Greer, Charles B.; Keehan, Donald W.; and Springer, John A., 4,554,648, Cl. 367-49.000.
- Keel, Beat G.; and Johnson, Robert W., to Control Data Corporation. Magnetic head preamplifier/driver. 4,523,238, 6-11-85, Cl. 360-46.000.
- Keel, Frederick; Townsend, Keith G.; and Carter, Marshall C. Yarn feeder mechanisms and double cylinder knitting machines having such mechanisms. 4,502,299, 3-5-85, Cl. 66-14.000.
- Keeler Brass Company: *See—*
  - Hiltz, Dale V., 4,501,512, Cl. 403-170.000.
- Keeley, Charles: *See—*
  - Brecker, Lawrence R.; and Keeley, Charles, 4,500,665, Cl. 524-227.000.
  - Kauder, Otto S.; and Keeley, Charles, 4,508,863, Cl. 524-181.000.
- Keeley, James W.; Ledoux, Robert V.; and Negi, Virendra S., to Honeywell Information Systems Inc. Directory test error mode control apparatus. 4,562,536, 12-31-85, Cl. 364-200.000.
- Keeling, Harmon H.: *See—*
  - Hudspeth, Thomas; and Keeling, Harmon H., 4,533,883, Cl. 333-1.000.
  - Hudspeth, Thomas; and Keeling, Harmon H., 4,533,884, Cl. 333-26.000.
  - Hudspeth, Thomas; Basil, Richard V., Jr.; and Keeling, Harmon H., 4,539,534, Cl. 333-115.000.
- Keeling, Michael R.: *See—*
  - Lewis, John D.; Keeling, Michael R.; Bowen, David R.; and Paton, Anthony D., 4,551,731, Cl. 346-75.000.
- Keeling, Ronald J.: *See—*
  - Blasing, Elmer P.; Keeling, Ronald J.; and Roe, Jin-Young K., 4,499,125, Cl. 428-503.000.
- Keely, Leroy B.: *See—*
  - Freige, Diab E.; Lockwood, John J.; Ramsay, Michael; and Keely, Leroy B., 4,538,073, Cl. 307-33.000.
- Keely, Stanley L.: *See—*
  - Crawford, Thomas C.; Keely, Stanley L.; Larson, David L.; Lombardino, Joseph G.; and Maciejko, James J., 4,559,326, Cl. 514-23.000.
- Keem, John E.; and Marshall, Gerald F., to Energy Conversion Devices, Inc. Point source X-ray focusing device. 4,525,853, 6-25-85, Cl. 378-84.000.
- Keen, Harry J.; and Barrett, L. Paul, to Colt Industries Operating Corp. Moistureproof load cell for food processing applications and method for making the same. 4,549,439, 10-29-85, Cl. 73-862.650.
- Keen, Jack H., to Aero Engineering Corporation. Helicopter heating and air conditioning system. 4,490,989, 1-1-85, Cl. 62-243.000.
- Keen, William E., Jr.: *See—*
  - Chestnut, Raymond; Colussi, John J.; Frost, Donald J.; Keen, William E., Jr.; and Raduta, Margaret C., 4,514,307, Cl. 210-751.000.
- Keenan, Janice N.: *See—*
  - Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.
- Keenan, Paul C., III: *See—*
  - Debes, Michael H.; and Keenan, Paul C., III, 4,553,369, Cl. 53-55.000.
- Keenan, Robert E., to A. H. Robins Company, Incorporated. Method of controlling emesis caused by cisplatin in cancer chemotherapy. 4,536,386, 8-20-85, Cl. 424-10.000.
- Keenan, Thomas E.: *See—*
  - Geller, Myer; Keenan, Thomas E.; Altman, Daniel E.; and Patterson, Richard H., 4,493,114, Cl. 455-617.000.
- Keenan, Thomas F.; and Kass, John J., to Deere & Company. Vehicle frame transmission mounting assembly. 4,523,655, 6-18-85, Cl. 180-9.100.
- Keene, Christopher B.: *See—*
  - Clark, George W.; and Keene, Christopher B., 4,522,299, Cl. 206-315.300.
- Keene Corporation: *See—*
  - Cea, Michael S., 4,546,944, Cl. 248-219.200.
  - Harriman, Robert W., 4,525,595, Cl. 174-35.0GC.

Sangiamo, Richard; and Russello, Thomas, 4,527,224, Cl. 362-282.000.

Keene, Douglas L.: *See—*
Lewis, George K.; Sun, Franklin K.; Keene, Douglas L.; and Fidel, Howard F., 4,492,120, Cl. 73-625.000.

Keene Engineering, Inc.: *See—*
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Keene, Harold J.: *See—*
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Baskins, Lowell L.; Keene, James M.; and Montfort, John G., 4,549,080, Cl. 250-343.000.

Keene, Thomas. Eyedrop dispenser with eyelid opening means. 4,543,096, 9-24-85, Cl. 604-300.000.

Keener, Everett L.: *See—*
Boggs, William E.; and Keener, Everett L., 4,536,194, Cl. 48-180.100.

Keener, Robert M.; and Chakrawarti, Shekhar, to R. W. Beckett Corporation. High current float switch. 4,540,891, 9-10-85, Cl. 307-118.000.

Keeney, Bill H. Perspective drawing templates. 4,505,041, 3-19-85, Cl. 33-1.00K.

Keeney, Edward M. Combat simulator. 4,553,757, 11-19-85, Cl. 273-369.000.

Keeney, Keith; and Wehner, Dennis J., to Schroeder Brothers Corporation. Method and apparatus for controlling a rotary percussive hydraulic drill. 4,516,467, 5-14-85, Cl. 91-31.000.

Keeny, Thomas R.; and Harris, William W., Jr., to Molins Machine Company, Inc. Dual cutoff system having diverging web paths. 4,530,687, 7-23-85, Cl. 493-361.000.

Kees, Kenneth L.: *See—*
Musser, John H.; and Kees, Kenneth L., 4,528,392, Cl. 560-43.000.

Keese, Charles R.: *See—*
Giaever, Ivar; and Keese, Charles R., 4,514,500, Cl. 435-241.000.

Keese, Frank M.: *See—*
Effenberger, John A.; and Keese, Frank M., 4,555,543, Cl. 524-520.000.

Keesee, Kenneth C.; and Ruckman, James A., to Westvaco Corporation. Portable earth anchor. 4,512,132, 4-23-85, Cl. 52-742.000.

Keesee, Kenneth M.; and Guyer, John R., to Keesee Tank and Pump Co., Inc. Storage tank. 4,537,328, 8-27-85, Cl. 220-445.000.

Keesee Tank and Pump Co., Inc.: *See—*
Keesee, Kenneth M.; and Guyer, John R., 4,537,328, Cl. 220-445.000.

Keesling, Evan L.: *See—*
Stewart, E. Allen; and Keesling, Evan L., 4,520,616, Cl. 56-9.000.

Keeton Enterprises: *See—*
Keeton, John H.; Keeton, Lyle S.; and Keeton, Eugene G., 4,543,743, Cl. 47-1.500.

Keeton, Eugene G.: *See—*
Keeton, John H.; Keeton, Lyle S.; and Keeton, Eugene G., 4,543,743, Cl. 47-1.500.

Keeton, J. Herbert. Construction of fly pieces for men's briefs. 4,501,209, 2-26-85, Cl. 112-121.120.

Keeton, John H. Automatic elastic loop forming. 4,503,790, 3-12-85, Cl. 112-121.270.

Keeton, John H.; Keeton, Lyle S.; and Keeton, Eugene G., to Keeton Enterprises. Herbicide applicator. 4,543,743, 10-1-85, Cl. 47-1.500.

Keeton, Lyle S.: *See—*
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Keeve, Rolf: *See—*
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Kefalas A/S: *See—*
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Kegel, Bert: *See—*
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Keggins, Kathleen M.; Davis, Ann C.; Sybert, Edward M.; Mays, Thomas D.; and Milch, Robert A., to IGI Biotechnology, Inc. Culture media from clarified dairy whey lactose permeates. 4,544,637, 10-1-85, Cl. 435-253.000.

Keglewitsch, Josef; and Stechschulte, Theodore J., to Marathon Electric Manufacturing Corporation. Electrical connector with sliding collar. 4,500,161, 2-19-85, Cl. 339-242.000.

Keglewitsch, Josef; and Stechschulte, Theodore J., to Marathon Electric Manufacturing Corporation. Contact clip apparatus for blade-type contacts. 4,500,162, 2-19-85, Cl. 339-252.00F.

Keglewitsch, Josef; and Stechschulte, Theodore J., to Marathon Electric Manufacturing Corporation. Fuse clip unit. 4,547,036, 10-15-85, Cl. 339-186.00R.

Kehl, Rainer, to Siemens Aktiengesellschaft. Assembly for the transmission of control signals to and/or from mobile equipment. 4,507,645, 3-26-85, Cl. 340-310.00A.

Kehoe, Gary S.: *See—*
Puglia, Wayne J.; Kehoe, Gary S.; and Clark, K. Warren, 4,500,547, Cl. 426-3.000.

Kehoe, John R.: *See—*
Johnstone, Norman E.; and Kehoe, John R., 4,548,676, Cl. 162-135.000.

Kehoe, Lawrence C. Method and apparatus for manufacturing splined corner joints. 4,542,776, 9-24-85, Cl. 144-353.000.

Kehoe, Steven D.: *See—*
Claney, Robert L.; Walton, Herbert H.; Kehoe, Steven D.; and Barron, Kimball R., 4,554,943, Cl. 137-242.000.
Walton, Herbert H.; and Kehoe, Steven D., 4,532,961, Cl. 137-625.310.

Kehr, Clifton L.; Wszolek, Walter R.; and Marans, Nelson S., to W. R. Grace & Co. Hindered aliphatic monoisocyanates. 4,510,097, 4-9-85, Cl. 260-453.00A.

Kehr, Wolfgang: *See—*
Dorow, Rainer; Horowski, Reinhard; Kehr, Wolfgang; and Wachtel, Helmut, 4,522,820, Cl. 424-288.000.

Kehrbach, Wolfgang; Wegener, Joachim; Kuehl, Ulrich; Budden, Renke; and Buschmann, Gerd, to Kali-Chemie Pharma GmbH. N_b-quaternary derivatives of sandwicine and isosandwicine methods and intermediate products in the manufacture of their derivatives and methods of using same and pharmaceutical compositions thereof. 4,552,877, 11-12-85, Cl. 514-239.000.

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Kehrbach, Wolfgang: *See—*
Schoen, Uwe; Hachmeister, Bernd; Kehrbach, Wolfgang; Kuehl, Ulrich; and Buschmann, Gerd, 4,550,112, Cl. 514-278.000.

Kehrer, Hans-Peter; Villain, Juergen; and Reiff, Werner, to Siemens Aktiengesellschaft. Method for generating hard, wear-proof surface layers on a metallic material. 4,537,793, 8-27-85, Cl. 427-35.000.

Kehrer, Wolfgang, to Borsig GmbH. Heat exchanger for the cooling of gases, particularly from the synthesis of ammonia. 4,561,496, 12-31-85, Cl. 165-103.000.

Keigher, William T. Firefighter's ladder. 4,531,613, 7-30-85, Cl. 182-206.000.

Keightley, John H.: *See—*
Sorli, Duncan C.; and Keightley, John H., 4,556,306, Cl. 354-304.000.

Keil, Joseph W., to Dow Corning Corporation. Skin care formulations comprising a water-in-mineral oil emulsion and siloxane compositions therefor. 4,532,132, 7-30-85, Cl. 514-772.000.

Keil, Joseph W., to Dow Corning Corporation. Oil emulsions of fluorosilicone fluids. 4,537,677, 8-27-85, Cl. 208-370.000.

Keil, Joseph W., to Dow Corning Corporation. Polyorganosiloxane compositions. 4,554,296, 11-19-85, Cl. 521-154.000.

Keil, Karl-Heinz; Greiner, Ulrich; Engelhardt, Fritz; Kuhlein, Klaus; Keller, Reinhold; and Schlingmann, Merten, to Cassella Aktiengesellschaft. Copolymer, a process for its preparation and its use as a sorbent. 4,552,905, 11-12-85, Cl. 521-149.000.

Keil, Karl-Heinz: *See—*
Greiner, Ulrich; Keil, Karl-Heinz; Heinrich, Rudolf; and Albrecht, Konrad, 4,547,429, Cl. 428-402.240.

Keil, Michael: *See—*
Becker, Rainer; Jahn, Dieter; Keil, Michael; Himmele, Walter; and Wuerzer, Bruno, 4,517,013, Cl. 71-98.000.
Jahn, Dieter; Becker, Rainer; Keil, Michael; Spiegler, Wolfgang; and Wuerzer, Bruno, 4,545,806, Cl. 71-88.000.

Keil, Rudolf: *See—*
Auracher, Franz; Buerk, Hermann; Keil, Rudolf; Stockmann, Michael; Weingand, Kaspar; and Zeitler, Karl-Heinz, 4,505,539, Cl. 350-96.150.
Auracher, Franz; and Keil, Rudolf, 4,545,642, Cl. 350-96.190.

Keilberth, Richard: *See—*
Aldinger, Fritz; Bischoff, Albrecht; Keilberth, Richard; and Sperner, Franz, 4,514,589, Cl. 174-119.00R.
Aldinger, Fritz; Keilberth, Richard; and Werdecker, Waltraud, 4,519,966, Cl. 264-56.000.

Keilman, Michael R.; and West, Richard, to Baxter Travenol Laboratories, Inc. Container and associated cap assembly for plasma collection and the like. 4,508,236, 4-2-85, Cl. 215-308.000.

Keilmann, Fritz; and Kussmaul, Karl-Wilhelm, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Attenuator for optical radiation. 4,561,721, 12-31-85, Cl. 350-162.170.

Keim, Gerald I., to Hercules Incorporated. Wet strength resin from aminopolyamide-polyureylene. 4,501,862, 2-26-85, Cl. 525-430.000.

Keim, Gerald I., to Hercules Incorporated. Wet strength resins. 4,537,657, 8-27-85, Cl. 162-164.300.

Keim, Karl-Heinz; and Korff, Joachim, to Rheinische Braunkohlenwerke AG. Process for isomerization and transalkylation of alkylphenols. 4,554,388, 11-19-85, Cl. 568-716.000.

Keim, Karl-Heinz: *See—*
Dolkemeyer, Wilfried; Keim, Karl-Heinz; and Meisenburg, Ewald, 4,494,960, Cl. 44-51.000.

Keim, Thomas A., to General Electric Company. Switch for fine adjustment of persistent current loops in superconductive circuits. 4,528,532, 7-9-85, Cl. 335-216.000.

Keimel, John G., to Medtronic, Inc. Cardiac pacemaker synchronized programming. 4,515,160, 5-7-85, Cl. 128-419.0PG.

Keimel, John G., to Medtronic, Inc. Cardiac pacemaker synchronized programming. 4,553,547, 11-19-85, Cl. 128-419.0PG.

Keinborg, Maurice; Varin, Philippe; Bertaud, Yves; and Leroy, Michel, to Aluminium Pechiney. Floating cathode elements based on electrically conductive refractory material, for the production of aluminum by electrolysis. 4,532,017, 7-30-85, Cl. 204-67.000.

Keinborg, Maurice: *See—*
Leroy, Michel; and Keinborg, Maurice, 4,533,452, Cl. 204-243.00R.

Keino, Goro; Kitagawa, Yosuke; and Hayashi, Yoshimi, to Matsui Shikiso Chemical Co., Ltd. Transfer printing sheet, printing method and printed article. 4,515,849, 5-7-85, Cl. 428-201.000.
KEIC Electronic Laboratory Corporation: *See*—
  Nakagawa, Koichi; Sugimori, Yoshio; Kimata, Yoshihide; Araki, Yosai; and Arai, Tomoji, 4,535,356, Cl. 358-145.000.
Keiper Automobiltechnik GmbH & Co. KG: *See*—
  Kluting, Bernd; and Engels, Bernd, 4,515,339, Cl. 248-543.000.
  Kluting, Bernd; and Zaveri, Vikram H., 4,518,190, Cl. 296-65.00R.
  Schmale, Gerhard, 4,544,204, Cl. 297-452.000.
  Wilking, Hans; Heinrich, Kurt; and Peetz, Walter, 4,505,515, Cl. 297-362.000.
Keiper Recaro GmbH & Co.: *See*—
  Goldner, Walther; and Gassmann, Wolfgang, 4,522,445, Cl. 297-284.000.
  Goldner, Walther, 4,541,669, Cl. 297-284.000.
  Goldner, Walther, 4,555,137, Cl. 297-284.000.
  Kluting, Bernd; Ebeling, Peter; and Strowik, Willibald, 4,530,481, Cl. 248-394.000.
  Peetz, Walter; Wilking, Hans; and Kafitz, Egon, 4,538,855, Cl. 297-362.000.
  Resag, Jorg; and Schmale, Gerhard, 4,530,541, Cl. 297-452.000.
  Schmidhuber, Karl; Wall, Helmut; and Demovic, Vojtech, 4,498,703, Cl. 297-328.000.
Keir, Grant G. H.; Peebles, John A.; McNab, Jonas K.; and Campbell, Ian N., to NCR Corporation. Portable container for valuable articles. 4,508,260, 4-2-85, Cl. 232-43.100.
Keirsey, James L.: *See*—
  Dale, Lawrence A.; Grenleski, Stephen E., Jr.; Keirsey, James L.; and Stevens, Charles E., 4,539,811, Cl. 60-270.100.
Keiser, James D.: *See*—
  Plaas, Jon R.; Parker, Keith E.; Keiser, James D.; and Johnson, Elmer C., Jr., 4,551,139, Cl. 604-290.000.
Keisuke Honda: *See*—
  Chubachi, Noriyoshi, 4,491,020, Cl. 73-606.000.
  Chubachi, Noriyoshi, 4,492,117, Cl. 73-597.000.
Keitaro, Yonezawa, to Aioi Seiki Kabushiki Kaisha. Work-clamp pallet for machine tool. 4,520,919, 6-4-85, Cl. 198-648.000.
Keitel, Murray: *See*—
  Gravina, Anthony N.; Keitel, Murray; Weiss, Harvey; Wiley, Joseph N.; and Charland, Edmund G., Jr., 4,517,161, Cl. 422-95.000.
Keith, Alec D.; and Snipes, Wallace, to Key Pharmaceuticals, Inc. Protective skin matrix. 4,492,685, 1-8-85, Cl. 424-28.000.
Keith, Alec D., to Key Pharmaceuticals, Inc. Trinitroglycerol sustained release vehicles and preparation therefrom. 4,542,013, 9-17-85, Cl. 424-28.000.
Keith, Carl D.: *See*—
  Thompson, Charles E.; Mooney, John J.; Keith, Carl D.; and Mannion, William A., 4,552,733, Cl. 423-213.500.
Keith Industries Incorporated: *See*—
  Scott, William A.; and Penner, Bernard, 4,526,180, Cl. 130-27.00R.
Keith, Jon T.: *See*—
  Betts, Edmund D.; and Keith, Jon T., 4,507,825, Cl. 17-73.000.
Keith, Laura E.: *See*—
  Whiteside, George D.; Keith, Laura E.; and Pizzuti, Donato F., 4,527,888, Cl. 354-400.000.
Keith, Robert D., to Double E Company Inc. Core chuck with resilient rollers. 4,519,620, 5-28-85, Cl. 279-2.00R.
Keithler, William R.: *See*—
  Bradley, Robert E.; and Keithler, William R., 4,515,919, Cl. 524-591.000.
Keizer, Hans H.: *See*—
  Jobsis, Frans F.; Keizer, Hans H.; and Overaker, Ronald F., 4,510,938, Cl. 128-633.000.
Kekas, Dennis H.; Stilwell, George R., Jr.; Walsh, Robert M.; and Williams, Roger C., to International Business Machines Corporation. Pluggable terminal architecture. 4,527,285, 7-2-85, Cl. 455-607.000.
Kekish, George T.: *See*—
  Koskan, Larry P.; Kugel, Roger W.; and Kekish, George T., 4,530,701, Cl. 44-51.000.
Kel Corporation: *See*—
  Oshitani, Akiyoshi; and Katsumata, Akira, 4,531,792, Cl. 339-17.0CF.
Kela, Heino; and Laspa, Matti, to Kajaani Oy. Method and apparatus for comminuting stumps. 4,516,732, 5-14-85, Cl. 241-24.000.
Kelch Corp., The: *See*—
  Prepodnik, Kay E.; Finn, Peter A.; and Manning, Daniel J., 4,519,219, Cl. 62-457.000.
Kelch, Heinz, to Kienzle Apparate GmbH. Booster pump arrangement for feeding a secondary circulation system in the operative system of a diesel engine. 4,501,251, 2-26-85, Cl. 123-495.000.
KELCO/AIL International Limited: *See*—
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Keldan Industries Limited: *See*—
  Daniel, Kelvin J., 4,523,458, Cl. 73-119.00A.
Kelder, Eric: *See*—
  Carr, Jesse M., Jr.; Sheler, Raymond E.; Richards, Frank J.; and Kelder, Eric, 4,547,295, Cl. 210-777.000.
Kelderman, Gary L. Wheat swather. 4,503,660, 3-12-85, Cl. 56-11.200.
Keledjian, Gaston: *See*—
  Passemard, Jean R.; and Keledjian, Gaston, 4,537,084, Cl. 74-89.220.
  Passemard, Jean-Robert; and Keledjian, Gaston, 4,527,945, Cl. 414-735.000.
Kelen, George J., to Del Mar Avionics. Pacemaker monitoring recorder and malfunction analyzer. 4,532,934, 8-6-85, Cl. 128-697.000.
Kelfve, Sten S.: *See*—
  Hansen, Bertil V.; Kelfve, Sten S.; and Mollberg, Henri R., 4,536,187, Cl. 44-51.000.
Kell, Howard A., Jr.: *See*—
  Godwin, Paul K., Jr.; and Kell, Howard A., Jr., 4,494,712, Cl. 242-191.000.
Kellar, John D.; and Pereman, Gordon F., to PPG Industries, Inc. Deformable vacuum holder used to shape glass sheets. 4,511,386, 4-16-85, Cl. 65-273.000.
Kellar, John D.; and Pereman, Gordon F., to PPG Industries, Inc. Vacuum holder with anti-bulging means used to shape glass sheets. 4,511,387, 4-16-85, Cl. 65-287.000.
Kellar, Paul R. N.: *See*—
  Taylor, Richard J.; Kellar, Paul R. N.; and Greenhalgh, Stephen P., 4,543,607, Cl. 358-140.000.
Kellaway, Michael J.: *See*—
  Harrison, William J.; Reynolds, Andrew J.; Kellaway, Michael J.; MacMichael, Donald B. A.; and Miller, Anne T., 4,526,215, Cl. 141-83.000.
Kelleghan, William J., to Hughes Aircraft Company. Process for making bis(halophenyl)hexafluoropropanes. 4,503,254, 3-5-85, Cl. 568-14.000.
Kelleher, Kevin C.; Kiser, Ned J.; and Christopher, Todd J., to RCA Corporation. DC motor servo system. 4,494,052, 1-15-85, Cl. 318-254.000.
Kelleher, Kevin C., to RCA Corporation. Linear pulse width to current converter for brushless DC motors. 4,507,591, 3-26-85, Cl. 318-254.000.
Kellen, James N.: *See*—
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Keller, Alex J.; and Pinto, Akiva. Method and apparatus for opening fiber bales. 4,507,826, 4-2-85, Cl. 19-80.00R.
Keller, Alex J.; and Pinto, Akiva. Method and apparatus for controlling fiber density. 4,510,647, 4-16-85, Cl. 19-105.000.
Keller, Andrew D.: *See*—
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Keller, Arnold: *See*—
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Keller, Bruno: *See*—
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Keller, Christian A., to Johns Hopkins University, The. Fiber optic fluid impurity detector. 4,544,840, 10-1-85, Cl. 250-227.000.
Keller, David J.: *See*—
  Merritt, Carleton G.; Wingerd, Winston H.; and Keller, David J., 4,515,769, Cl. 424-49.000.
Keller, Douglas V., Jr.; and Simmons, Frederick J., to Otisca Industries, Ltd. Coal compositions. 4,515,602, 5-7-85, Cl. 44-51.000.
Keller, Ernst. Method for producing security keys having closure possibilities differing from one another. 4,553,452, 11-19-85, Cl. 76-110.000.
Keller, Frank: *See*—
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Keller, Franz; and Hennemann, Hans, to Boehringer Mannheim GmbH. Process for detecting pathogens. 4,543,328, 9-24-85, Cl. 435-30.000.
Keller, Frederick A., Jr.; Ganoung, Jeffrey S.; and Luenser, Susan J., to CPC International Inc. Mutant strain of *Clostridium thermoaceticum* useful for the preparation of acetic acid. 4,513,084, 4-23-85, Cl. 435-140.000.
Keller, Frederick P.; and Zwiep, Theodore C., to Cascade Engineering, Inc. Rotary vibration isolator bushing. 4,496,332, 1-29-85, Cl. 464-89.000.
Keller, George E., II: *See*—
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Keller, Gordon: *See*—
  Shah, Hemen V.; Mashikian, Victor; Seaton, John; and Keller, Gordon, 4,536,839, Cl. 364-200.000.
Keller, Gottfried: *See*—
  Scheidt, Joachim; and Keller, Gottfried, 4,545,754, Cl. 425-419.000.
Keller, Hannah R. Swimming pool cleaning device. 4,542,549, 9-24-85, Cl. 15-1.700.
Keller, Hans, to Geberit A.G. Welding sleeve. 4,493,985, 1-15-85, Cl. 219-535.000.
Keller, Hartmut; Krauth, Axel; and Kreiner, Roswitha, to Rosenthal Aktiengesellschaft. Decorative flatware handles and process for their preparation. 4,521,356, 6-4-85, Cl. 264-60.000.
Keller, Hartmut: *See*—
  Forster, Siegfried; Schindler, Stefan R.; and Keller, Hartmut, 4,531,908, Cl. 431-215.000.
Keller, Heinrich J.: *See*—
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Keller, Herbert, to Kraftwerk Union Aktiengesellschaft. Device for vibration damping in a guide vane ring. 4,497,611, 2-5-85, Cl. 415-191.000.
Keller, Herbert W.: *See*—
  Radford, Kenneth C.; Keller, Herbert W.; Parks, Beryl H.; and Fuller, Robert R., 4,560,462, Cl. 204-298.000.

Keller Holding AG: *See*—

Sporkenbach, Gustav-Adolf; and Suetterlin, Dieter, 4,493,805, Cl. 264-25.000.

Keller Industries, Inc.: *See*—

Cornell, Howell N., 4,536,026, Cl. 297-39.000.

Keller, Jakob, to BBC Brown, Boveri & Company, Limited. Valve with a device for the attenuation of acoustic vibrations self-excited by the working medium. 4,512,548, 4-23-85, Cl. 251-124.000.

Keller, John D. Radiation containment apparatus and method. 4,504,867, 3-12-85, Cl. 358-247.000.

Keller, John H.; and Winnard, James K., to International Business Machines Corporation. Multi-function charged particle apparatus. 4,556,823, 12-3-85, Cl. 315-111.810.

Keller, Keith T. Method of manufacturing a piano plate assembly and the assembly. 4,510,837, 4-16-85, Cl. 84-184.000.

Keller, Lewis C.: *See*—

Fitzwater, Margaret; and Keller, Lewis C., 4,511,586, Cl. 426-144.000.

Keller, Manfred, to Kernforschungsanlage Julich GmbH. Thermoluminescence dosimeter taking account of tissue depth of dose. 4,506,157, 3-19-85, Cl. 250-337.000.

Keller, Manfred; and Opladen, Gunter, to Kernforschungsanlage Julich GmbH. Apparatus for measuring beta-gamma radiation exposure. 4,562,354, 12-31-85, Cl. 250-388.000.

Keller, Martin B.; and Ahrens, Roger A., to Sandy Hill Corporation. Apparatus for providing selectively differentiated vacuum across a papermaking machine width. 4,547,266, 10-15-85, Cl. 162-252.000.

Keller, Martin B., to Sandy Hill Corporation. Apparatus for trimming the edge of a web during formation using a drainage interrupting mask. 4,561,937, 12-31-85, Cl. 162-286.000.

Keller, Michael: *See*—

Herold, Wolf-Dietrich; Grafwallner, Karl L.; and Keller, Michael, 4,538,070, Cl. 250-504.00R.

Keller, Michael R.: *See*—

Schwartz, Robert E.; and Keller, Michael R., 4,492,558, Cl. 431-4.000.

Keller, Patrick N.; and Seal, Clinton D., to United States of America, Navy. Video multiplexer. 4,517,593, 5-14-85, Cl. 358-107.000.

Keller, Paul. Adjustable ice breaker for an ice machine producing sheet ice. 4,510,768, 4-16-85, Cl. 62-320.000.

Keller, Paul: *See*—

Heiligman, Randy B.; and Keller, Paul, 4,535,918, Cl. 222-185.000.

Keller, Paul D.: *See*—

Lubinsky, Anthony R.; Denton, Gary A.; Keller, Paul D.; and Williams, James E., 4,537,494, Cl. 355-3.0DD.

Keller, Peter: *See*—

Furst, Andor; Keller, Peter; and Muller, Marcel, 4,492,797, Cl. 549-265.000.

Keller, Philip J., to Bijur Lubricating Corp. Positive displacement injector. 4,494,913, 1-22-85, Cl. 417-349.000.

Keller, Reinhold: *See*—

Keil, Karl-Heinz; Greiner, Ulrich; Engelhardt, Fritz; Kuhlein, Klaus; Keller, Reinhold; and Schlingmann, Merten, 4,552,905, Cl. 521-149.000.

Keller, Richard A.: *See*—

Cremers, David A.; and Keller, Richard A., 4,544,274, Cl. 356-436.000.

Keller, Robert D., Jr.: *See*—

Isenberg, Gerry E.; Forshey, Terry L.; and Keller, Robert D., Jr., 4,515,353, Cl. 266-236.000.

Keller, Robert F., to RCA Corporation. Magnetron filament having a quadrilateral cross-section. 4,494,034, 1-15-85, Cl. 313-341.000.

Keller, Robert R., Sr. Curvilinear structural insulating panel and method of making the same. 4,557,090, 12-10-85, Cl. 52-245.000.

Keller, Roderich; and Nohmayer, Fritz, to Gesellschaft fur Schwerionenforschung mbH Darmstadt. High current ion source. 4,562,355, 12-31-85, Cl. 250-423.00R.

Keller, Roland. Muscle driven, single track bicycle. 4,534,578, 8-13-85, Cl. 280-281.00R.

Keller, Rudolf. Method to improve the performance of non-consumable anodes in the electrolysis of metal. 4,504,369, 3-12-85, Cl. 204-67.000.

Keller-Steinbach, Christiane, to Eltec Instrument A.G. Radiation detector with asymmetrical pattern. 4,523,095, 6-11-85, Cl. 250-349.000.

Keller, Stuart R., to Exxon Production Research Co. Oscillatory flow method for improved well cementing. 4,548,271, 10-22-85, Cl. 166-291.000.

Keller, Tony W.; and Muller, Wolfgang, to Bruker Analytische MeBtechnik GmbH. Cooling device for a low temperature magnet system. 4,535,595, 8-20-85, Cl. 62-3.000.

Keller, Walter; Kutz, Johannes; and Severens, Gerhard, to Kusters, Eduard. Device for uniformly applying small amounts of fluid to moving webs. 4,503,802, 3-12-85, Cl. 118-249.000.

Keller, Werner: *See*—

Zaugg, Robert; and Keller, Werner, 4,500,018, Cl. 222-598.000.

Keller, William F.; and Sibley, Richard D., to Koso International, Inc. Shock actuated unit. 4,503,717, 3-12-85, Cl. 74-2.000.

Keller, William F.; and Sibley, Richard D., to Koso International, Inc. Shock responsive device. 4,513,629, 4-30-85, Cl. 74-2.000.

Keller, Wolfgang, to Siemens Aktiengesellschaft. Induction coil in the form of a flat coil for crucible-free floating zone melting. 4,506,132, 3-19-85, Cl. 219-10.790.

Keller, Wolfgang, to Siemens Aktiengesellschaft. Induction coil in the form of a pancake coil for crucible-free zone melting. 4,538,279, 8-27-85, Cl. 373-139.000.

Kellerhals, Hanspeter: *See*—

Allemann, Martin; and Kellerhals, Hanspeter, 4,500,782, Cl. 250-291.000.

Kellerman, Anne S.: *See*—

Agnew, Palmer W.; Kellerman, Anne S.; and Randall, Grayson W., 4,498,147, Cl. 364-900.000.

Agnew, Palmer W.; Erhard, John J.; and Kellerman, Anne S., 4,503,516, Cl. 364-900.000.

Agnew, Palmer W.; Coviello, John S.; Green, Linda S.; and Kellerman, Anne S., 4,509,122, Cl. 364-200.000.

Agnew, Palmer W.; Buonomo, Joseph P.; Houghtalen, Steven R.; Kellerman, Anne S.; Losinger, Raymond E.; and Valashinas, James W., 4,514,803, Cl. 364-200.000.

Kellerman, Richard J.; and Beal, Clifford L. Device for compressing article holding racks. 4,558,855, 12-17-85, Cl. 269-158.000.

Kellermyer, David S. Self-storing LPG tank cart. 4,544,173, 10-1-85, Cl. 280-47.330.

Kellershofen, Hans: *See*—

Richter, Uwe; and Kellershofen, Hans, 4,545,317, Cl. 114-222.000.

Kellett, George W., Jr.: *See*—

Smith, James A.; and Kellett, George W., Jr., 4,545,917, Cl. 252-90.000.

Kellett, Robert N. Crate carrying apparatus. 4,560,317, 12-24-85, Cl. 414-672.000.

Kellett, Roger N.; and Hicks, Clayton J. Bar joist supported suspension clips. 4,544,119, 10-1-85, Cl. 248-58.000.

Kelley, Albert W. Animal trap for ground moles and the like. 4,538,375, 9-3-85, Cl. 43-77.000.

Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., to Union Oil Company of California. Method for producing needle coke. 4,521,278, 6-4-85, Cl. 201-17.000.

Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., to Union Oil Company of California. Method for producing needle coke. 4,545,859, 10-8-85, Cl. 201-17.000.

Kelley, Arnold E.: *See*—

Deering, Roland F.; Gowdy, Hugh W.; and Kelley, Arnold E., 4,530,752, Cl. 208-11.00R.

Kelley, Barry R.; LeBegue, Maurice K.; and Michael, Earl C., to National Mine Service Company. Machine operators compartment. 4,546,849, 10-15-85, Cl. 180-326.000.

Kelley Company Inc.: *See*—

Erlandsson, Kjell I.; and Weishar, William B., 4,525,887, Cl. 14-71.300.

Schwab, James M., 4,494,341, Cl. 52-173.0DS.

Kelley, Douglas P., to Electric Power Research Institute, Inc. Cable following apparatus having cable cleaning capabilities and method. 4,519,462, 5-28-85, Cl. 175-53.000.

Kelley, Douglas P., to Electric Power Research Institute, Inc. Cable gripping apparatus having forward and rearward movement capabilities. 4,538,522, 9-3-85, Cl. 104-287.000.

Kelley, Edwin L.: *See*—

Schick, Martin J.; and Kelley, Edwin L., 4,492,589, Cl. 44-51.000.

Schick, Martin J.; and Kelley, Edwin L., 4,492,590, Cl. 44-51.000.

Kelley, Everett J., to Rohm and Haas Company. Acrylic or methacrylic terminated oligomers. 4,523,028, 6-11-85, Cl. 560-199.000.

Kelley, Fred W., Jr., to General Electric Company. Line-commutated converter circuit. 4,517,635, 5-14-85, Cl. 363-136.000.

Kelley, Hugh D. Hydraulic take-up device. 4,508,213, 4-2-85, Cl. 198-813.000.

Kelley, Joe A.: *See*—

Outlaw, Benjamin T.; Oude Alink, Bernardus A.; Kelley, Joe A.; and Claywell, Carol S., 4,511,480, Cl. 252-8.55E.

Kelley, John A. Medicine bottle closure having an indicator. 4,501,370, 2-26-85, Cl. 215-219.000.

Kelley, John E.: *See*—

Whetten, Nathan R.; and Kelley, John E., 4,500,785, Cl. 250-385.000.

Kelley, Lewis J., to Minnesota Mining and Manufacturing Company. Integrated circuit test socket. 4,533,192, 8-6-85, Cl. 339-45.00M.

Kelley Manufacturing Company: *See*—

Lastinger, Anthony, 4,545,511, Cl. 222-367.000.

Kelley, Max D., to Chevron Research Company. Process for pyrolyzing hydrocarbonaceous solids to recover volatile hydrocarbons. 4,544,478, 10-1-85, Cl. 208-11.00R.

Kelley, Paul E.: *See*—

Stafford, George C.; Kelley, Paul E.; and Stephens, David R., 4,540,884, Cl. 250-282.000.

Kelley, Richard L.; and Holbrow, Frederick W. Catamaran stabilization structure. 4,561,371, 12-31-85, Cl. 114-61.000.

Kelley, Richard W. Motorcycle lift and method. 4,494,764, 1-22-85, Cl. 280-293.000.

Kelley, Robert C.; and Silberman, Ira J., to Diversified Products Corporation. Sit-up exerciser. 4,508,335, 4-2-85, Cl. 272-145.000.

Kelley, Robert E.; and Prince, David. Device for cleaning teeth and orthodontal braces. 4,524,790, 6-25-85, Cl. 132-84.00R.

Kelley, Robert G.: *See*—

Ruf, Walter; and Kelley, Robert G., 4,526,245, Cl. 177-160.000.

Kelley, William J.; and Prince, Terry K., to Mattel, Inc. Toy cargo plane. 4,500,299, 2-19-85, Cl. 446-230.000.

Kellie, Truman F., to General Electric Company. Optical signal projector. 4,520,388, 5-28-85, Cl. 358-107.000.

Kellie, Truman F.; Landry, J. David; and Lai, Ching C., to General Electric Company. Optical inspection system. 4,532,723, 8-6-85, Cl. 356-73.000.

Kellner, Gerd. *See—*

Bertiller, Roland; Kellner, Gerd; and Peter, Bernhard, 4,561,340, Cl. 89-127.000.

Kellner, Jackson M.; and Garrett, William R., to Smith International, Inc. Multiple conduit drill pipe. 4,522,234, 6-11-85, Cl. 138-108.000.

Kellner, Jordan D., to Kendall Company, The. Non-destructive cathodic disbondment testing of pipewrap coatings. 4,504,365, 3-12-85, Cl. 204-1.00T.

Kellner, Phillip R.: *See—*

Gamson, Alan R.; and Kellner, Phillip R., 4,555,475, Cl. 430-309.000.

Rigg, Anthony W.; Kellner, Phillip R.; Sahi, Mohammed A.; and Gamson, Alan R., 4,528,909, Cl. 101-395.000.

Kellogg, Guy, to United Steel & Wire Company. Anti-sway clip for rear gate of shopping cart basket. 4,544,171, 10-1-85, Cl. 280-33.99A.

Kellogg, Michael S., to Pfizer Inc. Penicillanic acid derivative. 4,517,126, 5-14-85, Cl. 260-245.20R.

Kellogg, Michael S., to Pfizer Inc. 6-β-substituted penicillanic acids as β-lactamase inhibitors. 4,518,530, 5-21-85, Cl. 260-245.20R.

Kellogg, Michael S., to Pfizer Inc. Antibacterial 6'-(2-amino-2-[4-acyloxyphenyl]acetamido)penicillanoyloxymethyl penicillanate 1,1-dioxide compounds. 4,540,687, 9-10-85, Cl. 514-193.000.

Kellogg, Scott T.: *See—*

Chakrabarty, Ananda M.; and Kellogg, Scott T., 4,535,061, Cl. 435-253.000.

Kellogg, Thomas W.: *See—*

Gould, Jerome; and Kellogg, Thomas W., 4,520,946, Cl. 221-63.000.

Kells Medical, Inc.: *See—*

Sheehan, Joseph C. M., 4,526,173, Cl. 128-335.000.

Sheehan, Joseph C. M., 4,535,772, Cl. 128-337.000.

Kelly, Austin T.; Stolpen, Alan H.; and Emile, Philip, Jr., to Sycon Corporation. Autofunction voltmeter. 4,520,310, 5-28-85, Cl. 324-115.000.

Kelly Bushing Tools, Inc.: *See—*

Tullos, Homan C.; and Woods, Dewey W., 4,509,605, Cl. 175-57.000.

Kelly Company Inc.: *See—*

DiFonzo, Mark A., 4,501,042, Cl. 14-71.300.

Kelly Crisp: *See—*

Laube, Kim E., 4,531,291, Cl. 30-216.000.

Kelly, David R., to Professional Chemical & Color, Inc. Method of treating polyaramid fiber. 4,525,168, 6-25-85, Cl. 8-130.100.

Kelly, Donald H.: *See—*

Crane, Hewitt D.; and Kelly, Donald H., 4,544,246, Cl. 351-211.000.

Kelly, Edward F. Method of repairing automobile bodies. 4,531,275, 7-30-85, Cl. 29-402.120.

Kelly, Elisabeth: *See—*

Dar, Jamshed B.; Bruckmann, Robert H.; and Kelly, Elisabeth, 4,540,591, Cl. 426-388.000.

Kelly, Gary W.: *See—*

Delahoussaye, Ronald D.; and Kelly, Gary W., 4,537,415, Cl. 280-242.0WC.

Kelly, Gerard T. Blow-through pivotal sign. 4,503,631, 3-12-85, Cl. 40-602.000.

Kelly, Gordon E.; Merrell, Richard G.; and Nakanishi, Mutsuo, to Zenith Electronics Corporation. Automatic homing system for a subscription television signal decoder. 4,503,462, 3-5-85, Cl. 358-122.000.

Kelly, Guy M.: *See—*

Roes, John B.; Kelly, Guy M.; Case, Robert F.; and Deming, Chandler R., 4,535,892, Cl. 209-3.300.

Kelly, Hugh; and Krass, Alvin. Portable, disposable warning device for detecting urine-wet undergarments. 4,539,559, 9-3-85, Cl. 340-573.000.

Kelly, James B.: *See—*

Callahan, David J.; Mazzawy, Robert S.; Stryker, Howard Y.; and Kelly, James B., 4,550,564, Cl. 60-39.093.

Kelly, Jason S. Golf pin sock. 4,558,862, 12-17-85, Cl. 273-34.00R.

Kelly, John A.: *See—*

Lorenc, Walter F.; Kelly, John A.; and Mandel, Frederick S., 4,545,920, Cl. 252-180.000.

Kelly, John H., to Stelco Inc. Metal analysis for acid-soluble elements. 4,533,642, 8-6-85, Cl. 436-78.000.

Kelly, John M. Portable apparatus for shaping glass by abrasion. 4,552,122, 11-12-85, Cl. 125-14.000.

Kelly, John W., to Haskel, Inc. Swaging apparatus having elastically deformable members with segmented supports. 4,502,308, 3-5-85, Cl. 72-58.000.

Kelly, John W., to Haskel, Inc. Flexible high pressure conduit and hydraulic tool for swaging. 4,505,142, 3-19-85, Cl. 72-54.000.

Kelly, Joseph D.: *See—*

Duffer, Paul F.; Kelly, Joseph D.; and Franz, Helmut, 4,529,648, Cl. 428-326.000.

Duffer, Paul F.; Franz, Helmut; and Kelly, Joseph D., 4,530,889, Cl. 428-326.000.

Kelly, Joseph L., Jr.: *See—*

Dolezal, George E.; and Kelly, Joseph L., Jr., 4,515,228, Cl. 175-313.000.

Kelly, Kenneth W., Jr. Clamping tool. 4,505,624, 3-19-85, Cl. 408-109.000.

Kelly, Lawrence A., to Sandoz, Inc. Processes for the preparation of liposome drug delivery systems. 4,551,288, 11-5-85, Cl. 264-4.600.

Kelly, Lawrence F.: *See—*

DeGraw, Joseph I.; Kelly, Lawrence F.; and Sirotnak, Francis M., 4,532,241, Cl. 514-258.000.

Kelly, Lawrence S.; Schaffran, Dean L.; and Nii, Donald S., to Graco Inc. Proportional pumping system. 4,505,405, 3-19-85, Cl. 222-135.000.

Kelly, Lawrence S.; McCormick, Marty P.; and Weikel, William A., to Graco Inc. Plural component mixing and dispensing system. 4,522,789, 6-11-85, Cl. 422-133.000.

Kelly, Lawrence S.; McCormick, Marty P.; and Weikel, William A., to Graco Inc. Method of purging a plural component mixing and dispensing system. 4,548,652, 10-22-85, Cl. 134-22.120.

Kelly, Linda. Teaching aid for mathematics. 4,548,585, 10-22-85, Cl. 434-195.000.

Kelly, Mark L.: *See—*

Jones, Flave I.; and Kelly, Mark L., 4,513,295, Cl. 346-33.0ME.

Kelly, Martin J., Jr.: *See—*

Crooks, Horatio N.; and Kelly, Martin J., Jr., 4,541,716, Cl. 356-237.000.

Kelly, Mary Y.: *See—*

Coffey, M. Dewayne; Kelly, Mary Y.; and Kennedy, Weldon C., Jr., 4,493,775, Cl. 252-8.55C.

Kelly, Michael A., to Surface Science Laboratories, Inc. Magnetic lens to rotate transverse particle momenta. 4,554,457, 11-19-85, Cl. 250-396.0ML.

Kelly, Michael F.; and Kelly, William R. Device for supporting animals. 4,491,089, 1-1-85, Cl. 119-103.000.

Kelly, Michael G., to American Hoechst Corporation. Multi-ring fluorinated carbamates with textile soil repellent activity. 4,500,438, 2-19-85, Cl. 252-8.750.

Kelly, Michael G., to American Hoechst Corporation. Multi-ring fluorinated carbamates with textiles soil repellent activity. 4,534,770, 8-13-85, Cl. 8-115.600.

Kelly, Michael G.; and Covill, James H., to American Hoechst Corporation. Soil repellents derived from fluorinated acrylates and aromatic amines. 4,550,189, 10-29-85, Cl. 560-044.000.

Kelly, Michael J., to Trace Athletic Corporation. Knee/elbow guard treated to increase durability and a process for producing same. 4,494,247, 1-22-85, Cl. 2-24.000.

Kelly, Michael L., to Analog & Digital Systems, Inc. Enclosed magnet loudspeaker. 4,507,800, 3-26-85, Cl. 381-88.000.

Kelly, Oscar. Nursing bottle holder. 4,537,341, 8-27-85, Cl. 224-202.000.

Kelly, P. Richard; and Pedersen, John N., to Telectronics Pty. Ltd. Bone growth stimulator. 4,549,546, 10-29-85, Cl. 128-419.00F.

Kelly, Pilar P.: *See—*

Fair, David L.; Justice, David D.; and Kelly, Pilar P., 4,515,665, Cl. 204-98.000.

Kelly, Richard L.: *See—*

Baker, Bradley D.; and Kelly, Richard L., 4,513,331, Cl. 360-75.000.

Kelly, Richard P.: *See—*

Goss, Gary J.; Kelly, Richard P.; and Murray, Thomas L., Jr., 4,494,186, Cl. 364-200.000.

Kelly, Robert C., to General Packaging Equipment Company. Apparatus for forming, filling and sealing bags with fluid contents. 4,534,159, 8-13-85, Cl. 53-552.000.

Kelly, Robert M.: *See—*

Oakley, Clyde G.; Guess, Joe F.; Robbins, Cheston W.; Kelly, Robert M.; Skaar, Dean N.; and Walker, Stephen D., 4,542,745, Cl. 252-312.000.

Robbins, Cheston W.; and Kelly, Robert M., 4,493,653, Cl. 434-262.000.

Kelly, Samuel T., to Robertshaw Controls Company. Fuel control valve construction, parts therefor and methods of making the same. 4,549,571, 10-29-85, Cl. 137-489.500.

Kelly, Stephen M.: *See—*

Tuong, Huynh-Ba; Kelly, Stephen M.; and Osman, Maged A., 4,514,317, Cl. 252-299.620.

Kelly, Thomas A. Web accumulator with arcuate guide supports. 4,561,581, 12-31-85, Cl. 226-113.000.

Kelly, Thomas L. Roofing structure with hermetically sealed panels. 4,557,081, 12-10-85, Cl. 52-94.000.

Kelly, Thomas R., to Thomas R. Kelly, M.D., Inc. Inflatable cholangiocath and method for cholangiography therewith. 4,547,187, 10-15-85, Cl. 604-49.000.

Kelly, Timm L., to Amchem Products, Inc. Aluminum cleaner and system. 4,540,444, 9-10-85, Cl. 134-3.000.

Kelly, Timothy A.; and Turbyfill, Rueben M., to Ventilator Associates. Vehicle escape hatch and ventilator. 4,519,645, 5-28-85, Cl. 296-224.000.

Kelly, Timothy A.; and Turbyfill, Rueben M., to Ventilator Associates. Ventilator for vehicle. 4,522,115, 6-11-85, Cl. 98-2.140.

Kelly, Ward L., to 49er Products. Mantle support device. 4,534,729, 8-13-85, Cl. 431-110.000.

Kelly, William R.: *See—*

Kelly, Michael F.; and Kelly, William R., 4,491,089, Cl. 119-103.000.

Kelly, William W.; and Bradshaw, Cyril E., to Eaton Corporation. Controlling EGR in an internal combustion engine and fluid pressure signal controller therefor. 4,494,510, 1-22-85, Cl. 123-568.000.

Kelly, William W.; and Bradshaw, Cyril E., to Eaton Corporation. Controlling EGR in an internal combustion engine and fluid pressure signal controller therefor. 4,508,134, 4-2-85, Cl. 137-103.000.

Kelm, Edward C.: *See—*

Chivens, Donald R.; Greskovics, Paul; and Kelm, Edward C., 4,522,221, Cl. 137-118.000.

Kelm, James S.; Vickers, Edward C.; Williams, Jesse J.; and Taylor, Jack R., to United States of America, National Aeronautics and Space Administration. Flow modifying device. 4,534,166, 8-13-85, Cl. 60-39.230.
Kelm, Joachim: *See—*
  Mezger, Hans; Konneker, Reinhard; and Kelm, Joachim, 4,527,517, Cl. 123-41.470.
Kelm, Roger W.; Merry, Glenn W.; and McArthur, William J., to Duracell Inc. Multi-cell power supply. 4,535,036, 8-13-85, Cl. 429-99.000.
Kelm, Roger W.: *See—*
  McArthur, William J.; and Kelm, Roger W., 4,547,438, Cl. 429-82.000.
Kelmachter, Barry L.: *See—*
  Weinstein, Paul; and Kelmachter, Barry L., 4,498,917, Cl. 65-2.000.
Kelman, Charles D. Posterior chamber intraocular lens and method of making an opening in a capsule. 4,495,665, 1-29-85, Cl. 3-13.000.
Kelman, Charles D. Apparatus for and method of removal of material using ultrasonic vibraton. 4,504,264, 3-12-85, Cl. 604-22.000.
Kelman, Charles D. Housing for an intraocular lens and method of using the same. 4,508,216, 4-2-85, Cl. 206-5.100.
Kelman, Charles D. Intraocular lenses. 4,524,468, 6-25-85, Cl. 623-6.000.
Kelman, Charles D. Surgical instrument for and method of inserting a posterior chamber lens in an eye. 4,530,117, 7-23-85, Cl. 623-6.000.
Kelman, Charles D. Intraocular lens and method of positioning the same in an eye. 4,534,069, 8-13-85, Cl. 623-6.000.
Kelman, Charles D. Surgical instrument and method of cutting a lens of an eye. 4,538,611, 9-3-85, Cl. 128-305.000.
Kelman, Josh, to Owens-Corning Fiberglas Corporation. Basement wall insulating and waterproofing system and method. 4,525,960, 7-2-85, Cl. 52-169.140.
Kelmar Marine Inc.: *See—*
  Moura, Michael; Gonsalves, Lenine; and Fain, Gilbert, 4,549,169, Cl. 340-539.000.
Kelpin, Thomas G., Sr., to Kottothara, Abraham C. Compactor and paddle wheel for aquatic harvester. 4,507,909, 4-2-85, Cl. 56-9.000.
Kelrack Limited: *See—*
  Knott, Michael W., 4,546,979, Cl. 273-153.00S.
Kelsey-Hayes Company: *See—*
  Evans, Anthony C., 4,537,290, Cl. 188-73.310.
  Evans, Anthony C., 4,540,066, Cl. 188-71.900.
  Frait, John S.; Lowman, Clark E.; Morris, George W., III; and Tribe, Leonard T., 4,555,120, Cl. 280-6.100.
  Rozmus, Walter J.; and Dietrich, Jerry L., 4,500,009, Cl. 220-256.000.
  Rozmus, Walter J., 4,526,748, Cl. 419-49.000.
  Rozmus, Walter J., 4,547,337, Cl. 419-49.000.
  Rozmus, Walter J.; and Hochstein, Peter A., 4,548,020, Cl. 53-268.000.
Kelsey, Jeffrey R.: *See—*
  Gordon, Kevin R.; Kelsey, Jeffrey R.; and Stannard, Ivan C., 4,507,411, Cl. 523-436.000.
Kelso, Kenneth S.: *See—*
  Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.
Kelso, Robert G.: *See—*
  Markusch, Peter H.; Kelso, Robert G.; and Schmitt, Peter D., 4,518,522, Cl. 252-188.310.
Kelsoe, Wayne E.: *See—*
  McClanahan, John B.; LaVoie, Marvin E.; Kelsoe, Wayne E.; and Wrobel, James, 4,510,482, Cl. 338-24.000.
Kelterbaum, Manfred: *See—*
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Keltner, Lawrence C. Process for the control of chalkbrood disease in leafcutter bees. 4,504,495, 3-12-85, Cl. 514-760.000.
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Kemper, Kyran B.; and Rubin, Harvey, to AT&T Bell Laboratories. Programmable network tester with data formatter. 4,525,789, 6-25-85, Cl. 364-481.000.
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Kemper, Yves J., to Caterpillar Tractor Co. Continuously variable transmission unit. 4,522,079, 6-11-85, Cl. 74-191.000.
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Kendall, Robert M.; Schreiber, Richard J.; and Kesselring, John P., to Alzeta Corporation. High efficiency, reduced emissions water heater. 4,492,185, 1-8-85, Cl. 122-32.000.
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Kenna, Robert V., to Pfizer Hospital Products Group, Inc. Bone prosthesis with porous coating. 4,550,448, 11-5-85, Cl. 623-16.000.
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- Kennard, Alfred J.: *See—*
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- Kennard, Lon H.; Hall, Duane O.; and Bangerter, Richard M., to Salt Lake Communications, Inc. Telephone alarm system. 4,492,820, 1-8-85, Cl. 179-5.00P.
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  - Kaiser, Gregory A.; DeMunda, Gabriel P.; and Tressler, Richard E., 4,525,429, Cl. 428-566.000.
  - Kasprzyk, Martin R.; and Ten Eyck, Monika O., 4,559,244, Cl. 427-227.000.
  - Kim, Jonathan J.; and Venkateswaran, Viswanathan, 4,559,312, Cl. 501-1.000.
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- Kennedy, Alexander W.: *See—*
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  - Gunn, Walter H.; and Kennedy, Alexander W., 4,537,837, Cl. 428-621.000.
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- Kennedy Company: *See—*
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- Kennedy, Dan J.: *See—*
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- Kennedy, Daniel T.: *See—*
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- Kennedy, David K., to Allied Corporation. Apparatus and method for slurrying soda ash. 4,538,921, 9-3-85, Cl. 366-178.000.
- Kennedy, Donald: *See—*
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- Kennedy, James A., to William L. Bonnell Company, The. Scrap metal reclaiming process. 4,508,564, 4-2-85, Cl. 75-65.00R.
- Kennedy, James C.; Trimnell, Lawrence J.; and Zola, Meyer J., to AT&T Laboratories. Switching system having selectively interconnected remote switching modules. 4,558,444, 12-10-85, Cl. 370-58.000.
- Kennedy, James R. Automatic farm gate. 4,495,730, 1-29-85, Cl. 49-280.000.
- Kennedy, John J.: *See—*
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- Kennedy, John M.; and Kennedy, William R. Door frame and door assembly for a mine stopping. 4,523,406, 6-18-85, Cl. 49-254.000.
- Kennedy, John M.: *See—*
  - Kennedy, William R.; and Kennedy, John M., 4,547,094, Cl. 405-132.000.
- Kennedy, Joseph P.; and Hiza, Misao, to University of Akron, The. Synthesis and copolymerization of asymmetric polymers. 4,524,188, 6-18-85, Cl. 525-333.700.
- Kennedy, Leo J., to Owens-Illinois, Inc. Method for making a polyvinylidene chloride coated biaxially oriented polyethylene terephthalate container. 4,505,951, 3-19-85, Cl. 427-55.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., to Buddy L Corporation. Hard top convertible toy vehicle. 4,490,939, 1-1-85, Cl. 446-448.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Avi, to Buddy L Corporation. Toy vehicle having spring-operated motor. 4,493,671, 1-15-85, Cl. 446-464.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., to Buddy L Corporation. Wrist-borne launcher for toy vehicle having flywheel motor. 4,529,389, 7-16-85, Cl. 446-26.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., to Nagel, Kennedy, Arad & Associates. Toy vehicle having variable drive. 4,540,390, 9-10-85, Cl. 446-463.000.
- Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham, to Buddy L Corporation. Stunt-performing toy vehicle. 4,556,396, 12-3-85, Cl. 446-23.000.
- Kennedy, Melvin R.: *See—*
  - Arad, Avi; Kennedy, Melvin R.; and Nagel, Dietmar, 4,556,397, Cl. 446-436.000.
- Kennedy, Nathan R.: *See—*
  - Andresen, Bernhard H.; Schenck, Stephen R.; and Kennedy, Nathan R., 4,496,914, Cl. 331-110.000.
- Kennedy, Peter; and Parkinson, Kenneth, to United Kingdom Atomic Energy Authority. Reaction bonded silicon carbide artefacts. 4,536,449, 8-20-85, Cl. 428-408.000.
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- Kennedy, Richard B., to Crehan & Fricke. Polyurethane foams and processes for preparation. 4,530,777, 7-23-85, Cl. 252-182.000.
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- Kennedy, Roger C.: *See—*
  - Stevens, Glenn G.; and Kennedy, Roger C., 4,553,216, Cl. 364-558.000.
- Kennedy Tank & Manufacturing Company, Inc.: *See—*
  - Nipple, Stephen B., 4,557,322, Cl. 165-158.000.
- Kennedy, Thomas H. Automotive fiberglass body. 4,491,362, 1-1-85, Cl. 296-183.000.
- Kennedy, Thomas M.: *See—*
  - MacGregor, John R.; Rupert, Gary F.; and Kennedy, Thomas M., 4,510,365, Cl. 219-69.00G.
  - McGregor, John R.; Rupert, Gary F.; and Kennedy, Thomas M., 4,495,394, Cl. 219-69.00C.
- Kennedy, Warren C.: *See—*
  - Scarton, Henry A.; DiBianca, Anthony J.; Lacey, James A.; and Kennedy, Warren C., 4,516,658, Cl. 181-208.000.
- Kennedy, Weldon C., Jr.: *See—*
  - Coffey, M. Dewayne; Kelly, Mary Y.; and Kennedy, Weldon C., Jr., 4,493,775, Cl. 252-8.55C.
- Kennedy, William J.; and Beucus, A. John, to Beu-Tex Corp. Method for continuously treating staple length textile fibrous materials. 4,539,724, 9-10-85, Cl. 8-149.100.
- Kennedy, William R.; and Kennedy, John M. Mine stopping. 4,547,094, 10-15-85, Cl. 405-132.000.
- Kennedy, William R.: *See—*
  - Kennedy, John M.; and Kennedy, William R., 4,523,406, Cl. 49-254.000.
- Kennedy, William S.: *See—*
  - Clark, Thomas S.; and Kennedy, William S., 4,509,587, Cl. 165-61.000.
- Kenner, Erich: *See—*
  - Langen, Herbert; Reiser, Peter; and Kenner, Erich, 4,536,151, Cl. 431-1.000.
- Kennett, Leslie P.: *See—*
  - Gillies, George M.; Kennett, Leslie P.; and Mathews, Clive A., 4,545,764, Cl. 432-115.000.
- Kenney, Donald M., to International Business Machines Corporation. Dense dynamic memory cell structure and process. 4,511,911, 4-16-85, Cl. 357-23.600.
- Kenney, Edward S.: *See—*
  - Jacobs, Alan M.; Kenney, Edward S.; and McInerney, Joseph J., 4,495,636, Cl. 378-87.000.
- Kenney, George C., II: *See—*
  - Frankfort, Eric J.; Kenney, George C., II; and McFarlane, Robert, 4,562,567, Cl. 369-106.000.
- Kenney, Malachi P.; Young, Kenneth P.; and Koch, Alan A., to International Telephone and Telegraph Corporation. Apparatus for the continuous production of metal alloy composites. 4,557,605, 12-10-85, Cl. 366-134.000.
- Kenney Manufacturing Company: *See—*
  - Comeau, Paul E., 4,492,262, Cl. 160-126.000.
  - Comeau, Paul E.; and Torti, Anthony, 4,495,671, Cl. 16-87.00R.
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- Kenney, Richard E. H. Ticket holders for shelving. 4,532,726, 8-6-85, Cl. 40-16.400.
- Kennis, Ludo: *See—*
  - Vandenberk, Jan; Kennis, Ludo; Van der Aa, Marcel; and Van Heertum, Albert, 4,522,945, Cl. 514-259.000.
- Kennis, Ludo E. J.; and Mertens, Josephus C., to Janssen Pharmaceutica N.V. Pyrimido[2,1-*b*][1,3]-thiazines. 4,529,727, 7-16-85, Cl. 514-226.000.
- Kennis, Ludo E. J.; Vandenberk, Jan; and Mertens, Josephus C., to Janssen Pharmaceutica N.V. [[Bis(aryl)methylene]-1-piperidinyl]alkyl-pyrimidinones. 4,533,665, 8-6-85, Cl. 514-258.000.
- Kennis, Ludo E. J.; and Mertens, Josephus C., to Janssen Pharmaceutica N.V. 5-H-1,3,4-thiadiazolo[3,2-a]pyrimidin-5-one compounds. 4,548,938, 10-22-85, Cl. 514-258.000.
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- Kennon, James L.; Sieminski, Richard; Sharpless, John; and Scharf, Donald, to Nordson Corporation. System for spray coating substrates. 4,538,542, 9-3-85, Cl. 118-302.000.
- Kenny, Andrew A., to Eaton Corporation. Controlling engine idle. 4,513,785, 4-30-85, Cl. 137-881.000.

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Swiatkowski, Piotr; and Wiklund, Thomas, 4,514,290, Cl. 209-166.000.

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Kent Corporation: *See*—

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Kent, David P., to Control Process, Inc. Take-away technique for sliced bulk products. 4,518,300, 5-21-85, Cl. 414-46.000.

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Kent, Garnet J.; and Wood, John C., to W. R. Grace & Co., Cryovac Div. Hang bag. 4,516,267, 5-7-85, Cl. 383-22.000.

Kent, Gary D.; Intorp, Norbert B.; and Springstead, Thomas H., to Parker Chemical Company. Zinc phosphate conversion coating composition. 4,498,935, 2-12-85, Cl. 148-6.15Z.

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Kent, Stephen B. H.; and L'Italien, James J., to Molecular Genetics Research & Development Limited Partnership. Protein sequencing method. 4,548,904, 10-22-85, Cl. 436-89.000.

Kent, Thomas A.; and Shaffer, Jesse S., to North American Philips Corporation. Heat dissipation aluminum electrolytic capacitor. 4,546,415, 10-8-85, Cl. 361-433.000.

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Kenworthy, James S.; and Kozinski, Thomas G., to PPG Industries, Inc. Photoelectroforming mandrel and method of electroforming. 4,549,939, 10-29-85, Cl. 204-4.000.

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Kenyon, Richard L.; and Kempton, Calvin E., to Parker-Hannifin Corporation. Temperature control valve and sensor/controller therefor. 4,524,906, 6-25-85, Cl. 236-12.110.

Kenzie, E. Dennis, to Aero-Safe Technologies Inc. Dereefing cutter. 4,513,931, 4-30-85, Cl. 244-152.000.

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Keogh, Michael J., to Union Carbide Corporation. Reaction products of a difunctional compound and an organo titanate. 4,544,760, 10-1-85, Cl. 556-40.000.

Keogh, Michael J., to Union Carbide Corporation. Polysiloxanes from acyloxysilanes using organo metallic catalyst. 4,552,941, 11-12-85, Cl. 528-16.000.

Keogh, Michael J.: *See*—

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Wrobleski, James T.; Edwards, James W.; Graham, Charles R.; Keppel, Robert A.; and Raffelson, Harold, 4,562,268, Cl. 549-259.000.

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Keppel, Stephen C., to St. Regis Paper Company. Vented bag. 4,550,441, 10-29-85, Cl. 383-103.000.

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Keritsis, Gus D.; and Nichols, Walter A., to Philip Morris Incorporated. Foamed, extruded, tobacco-containing smoking article and method of making same. 4,510,950, 4-16-85, Cl. 131-353.000.
Keritsis, Gus D., to Philip Morris Incorporated. Process for increasing and maintaining the filling power of tobacco. 4,532,945, 8-6-85, Cl. 131-291.000.
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  Barnert, Eike; and Schmitz, Heinz, 4,495,215, Cl. 427-6.000.
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  Behr, Friedrich; Schulten, Rudolf; and Weirich, Walter, 4,496,373, Cl. 55-16.000.
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  Wolters, Johannes; David, Paul-Johannes; and Heller, Monika, 4,505,875, Cl. 376-283.000.
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  Becker, Erwin; Ehrfeld, Wolfgang; Munchmeyer, Dietrich; Betz, Hans; and Heuberger, Anton, 4,493,753, Cl. 204-9.000.
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  Dippel, Theodor; and Loida, Andreas, 4,534,893, Cl. 252-629.000.
  Dittrich, Hans; and Frey, Hartmut, 4,528,003, Cl. 55-158.000.
  Ehrfeld, Wolfgang; and Krieg, Gunther, 4,514,095, Cl. 366-340.000.
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  Muller, Klaus-Rainer, 4,520,293, Cl. 315-5.250.
  Szelagowski, Peter; and Motzkau, Siegfried, 4,516,521, Cl. 118-50.000.
  Vejmelka, Peter; Kluger, Wolfgang; Koster, Rainer; and Hauser, Wolfgang, 4,533,395, Cl. 106-89.000.
Kernion, Mark C.; and Renkey, Albert L., to Dresser Industries, Inc. Carbon bonded refractories. 4,521,357, 6-4-85, Cl. 264-63.000.
Kerns, David V.: *See—*
  Kerns, David V., Jr.; and Kerns, David V., 4,551,685, Cl. 330-86.000.
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  Sulouff, Robert E.; Hartin, Sam S.; Cook, Koy B.; Kerns, David V., Jr.; Davidson, Jimmy L.; and Warren, Keith O., 4,522,072, Cl. 73-765.000.
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Kerotest Manufacturing Corp.: *See*—
  Conley, Richard W.; Tremblay, Richard P.; Bolam, Charles W.; Logan, James E.; and Krueger, David A., 4,511,120, Cl. 251-288.000.
  Owoc, James R.; Thomas, John H.; and Conley, Richard W., 4,513,779, Cl. 137-556.000.
  Owoc, James R., 4,516,754, Cl. 251-335.00B.
  Owoc, James R.; and Tremblay, Richard P., 4,540,019, Cl. 137-557.000.
  Thomas, John H., 4,526,341, Cl. 251-63.500.
  Tremblay, Richard P., 4,546,662, Cl. 74-18.100.
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  Vallin, Didier; Grassien, Jean-Yves; Chenebault, Philippe; and Kerouanton, Alain, 4,547,441, Cl. 429-196.000.
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Kerr, Alexander F.; and Kiyoshima, Hiroshi, to Singer Company, The. Differential feed system with safety device. 4,527,497, 7-9-85, Cl. 112-313.000.
Kerr, Blanche S., executrix: *See*—
  Kerr, Ronald R., deceased; Smith, David W.; and Trenary, John M., 4,534,340, Cl. 128-66.000.
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Kerr Glass Manufacturing Corporation: *See*—
  Herr, James E., 4,506,795, Cl. 215-252.000.
  Herr, James E., 4,526,281, Cl. 215-211.000.
  Shank, Brian E., 4,511,054, Cl. 215-252.000.
Kerr, James F., to Material Control, Inc. Telescoping conveyor belt cleaner. 4,533,037, 8-6-85, Cl. 198-499.000.
Kerr, James F., to Material Control, Inc. Shock mount telescoping conveyor belt cleaner. 4,535,883, 8-20-85, Cl. 198-499.000.
Kerr, John H. Incrementally variable transmission. 4,559,848, 12-24-85, Cl. 74-750.00R.
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  Baustert, Steve; and Denny, Ivan L., 4,529,449, Cl. 134-4.000.
  Davis, Robert E.; and Robertson, Wilbert J., 4,557,913, Cl. 423-279.000.
  Lollar, Harvey N., Sr., 4,504,006, Cl. 227-152.000.
  Moles, Oliver W.; Ensley, Kenneth L.; and Perkins, Haywood A., 4,362,048, Cl. 423-81.000.
  Rado, Theodore A., 4,540,441, Cl. 106-300.000.
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  Baldwin, Roger A.; Stauter, John C.; Kauffman, Jim W.; and Laughlin, William C., 4,519,913, Cl. 210-611.000.
  Carey, Henry S., Jr., 4,522,222, Cl. 137-240.000.
  Kauffman, Jim W.; Laughlin, William C.; and Baldwin, Roger A., 4,519,912, Cl. 210-611.000.
  Kauffman, Jim W.; and Laughlin, William C., 4,522,723, Cl. 210-611.000.
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  Nelson, Stephen R., 4,502,944, Cl. 208-45.000.
  Roach, Jack W., 4,508,597, Cl. 203-79.000.
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  Makhlouf, Joseph M.; McCollum, Gregory J.; and Kerr, Paul R., 4,555,551, Cl. 525-455.000.
Kerr, Robert L., to Wean United, Inc. Roof assembly for an electric arc furnace. 4,553,245, 11-12-85, Cl. 373-74.000.
Kerr, Ronald R., deceased (by Kerr, Blanche S., executrix); Smith, David W.; and Trenary, John M., to Teledyne Industries, Inc. Combination handle. 4,534,340, 8-13-85, Cl. 128-66.000.
Kerr, Stanley R. Inflatable packaging material. 4,551,379, 11-5-85, Cl. 428-200.000.
Kerrebrock, Jack L. Internal combustion engine. 4,506,634, 3-26-85, Cl. 123-68.000.
Kerrey, John S.; and Duncan, Robert, to Westinghouse Electric Corp. Grid and sleeves welding fixture and method. 4,522,330, 6-11-85, Cl. 228-182.000.
Kerrey, John S.: *See*—
  Kobuck, Richard M.; Miller, Richard A.; Kalkbrenner, Ralph W.; Kerrey, John S.; and Duncan, Robert, 4,492,844, Cl. 219-121.0LC.
  Wolfe, Donald L.; Clements, Jack W.; and Kerrey, John S., 4,541,055, Cl. 364-474.000.
Kerry, John C.; and Weighton, David M., to FBC Limited. Synergistic compositions and methods of combating insects employing amitraz and cypermethrin. 4,517,201, 5-14-85, Cl. 514-521.000.
Kersch, Dennis R.; and Mitchell, Don E., to Sperry Corporation. Copper body power hybrid package and method of manufacture. 4,506,108, 3-19-85, Cl. 174-52.0FP.
Kerscher, Max; and Kroning, Armin, to Siemens Aktiengesellschaft. Converter. 4,562,383, 12-31-85, Cl. 315-225.000.
Kerschgens, Johann J. Appliance for the treatment of hair and scalp. 4,506,454, 3-26-85, Cl. 34-4.000.
Kerschgens, Johann J. Method of and device for ultraviolet irradiation. 4,560,883, 12-24-85, Cl. 250-504.00R.
Kersen, Matthew F.: *See*—
  Uherek, Vladimir; and Kersen, Matthew F., 4,494,628, Cl. 187-29.00R.
  Uherek, Vladimir; and Kersen, Matthew F., 4,501,344, Cl. 187-29.00R.
Kershaw, Mervyn G.: *See*—
  Matthew, Ian G.; Pammenter, Robert V.; and Kershaw, Mervyn G., 4,515,696, Cl. 210-713.000.
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Kershaw, Thomas N.: *See*—
  Curran, John F.; and Kershaw, Thomas N., 4,533,437, Cl. 162-281.000.
Kershner, Daniel E. Recreational pool implement. 4,515,023, 5-7-85, Cl. 73-864.510.
Kershner, Larry D., to Dow Chemical Company, The. Preparations of alkanolamines. 4,521,626, 6-4-85, Cl. 564-487.000.
Kersten, Jean; and Mathias, Jean M., to Baxter Travenol Laboratories, Inc. Low volume, large area filters for IV or blood filtration. 4,517,090, 5-14-85, Cl. 210-493.200.
Kersten, Ralf T.; Tietgen, Karl H.; and Schlaak, Helmut F., to Siemens Aktiengesellschaft. Device for deflecting light through 180 degrees. 4,492,425, 1-8-85, Cl. 350-96.140.
Kersten, Siegfried: *See*—
  Reissenweber, Gernot; Kersten, Siegfried; Ditter, Walter; and Jacobs, Peter, 4,537,986, Cl. 560-132.000.
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  Beelmann, Richard; and Kerstges, Johannes, 4,545,727, Cl. 415-206.000.
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  Hayes, Lawrence P., deceased; Hayes, Ellen J., administratrix; Jain, Kantilal; and Kerth, Randall T., 4,521,087, Cl. 350-574.000.
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Kerton, Peter S.: *See*—
  Snell, Thomas B.; and Kerton, Peter S., 4,556,016, Cl. 119-102.000.
Kerttula, Reima; and Eskelinen, Pekka, to Valmet Oy. Method and device for guiding the leader of the web in the drying section of a paper machine. 4,543,160, 9-24-85, Cl. 162-193.000.
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  Viitanen, Olavi; and Kerttula, Reima, 4,542,593, Cl. 34-41.000.
Kervagoret, Alain. Method for improving the performance of an internal combustion engine, device for implementing the method, and internal combustion engine equipped with said device. 4,550,707, 11-5-85, Cl. 123-669.000.
Kervanbashiev, Stoyu S.: *See*—
  Iliev, Maxim D.; Kervanbashiev, Stoyu S.; Karamanski, Stefan D.; and Makedonski, Frederik M., 4,532,431, Cl. 290-4.00R.
Kerviel, Hildebert; and Poulard, Serge, to Commissariat a l'Energie Atomique. Cold moldable explosive composition. 4,554,031, 11-19-85, Cl. 149-19.300.
Kervistin, Robert; Lardellier, Alain M. J.; Mazeaud, Georges; and Crozet, Francois E. G., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Means for controlling clearance in an intershaft bearing journal of a multi-spool gas turbine. 4,500,[illegible]43, 2-19-85, Cl. 384-467.000.
Kerwin, Edward M.: *See*—
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Kerwin, John M., to Marblehead Lime Company. Apparatus and method for incinerating waste material with a converted preheater-type lime kiln. 4,546,711, 10-15-85, Cl. 110-246.000.
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  Whittlesey, Curtis C.; Henriksen, Gary L.; Keryluk, Walter B.; and Wolff, Merle T., 4,518,664, Cl. 429-38.000.
Kerzel, David, to Spraymation, Inc. Control system and method for dispensing a liquid. 4,530,862, 7-23-85, Cl. 427-445.000.
Kerzner, Gary D. Indoor mail slot cover to prevent heat loss through mail slots. 4,545,522, 10-8-85, Cl. 232-45.000.
Kerzner, Mark G., to Dresser Industries, Inc. Method for determining formation dip. 4,517,835, 5-21-85, Cl. 73-15[illegible].000.
Kerzner, Mark G., to Dresser Industries, Inc. Log correlation method and apparatus. 4,541,275, 9-17-85, Cl. 73-[illegible]52.000.
Keshavan, Madapusi K.; and Weatherly, Merle H., to Union Carbide Corporation. Abrasion resistant coating composition. 4,526,618, 7-2-85, Cl. 106-1.050.
Keshtbod, Parviz, to Signetics Corporation. Non-volatile static random-access memory cell. 4,5[illegible]7,255, 7-2-85, Cl. 365-154.000.
Keskey, William H.; Schuetz, James E.; and Lee, Do I., to Dow Chemical Company, The. Latexes of polymers having pendant coreactive and oxazoline groups. 4,508,869, 4-2-85, Cl. 524-808.000.
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  Walles, Wilhelm E.; Keskey, William H.; and Young, Richard G., 4,533,484, Cl. 252-117.000.
Keskkula, Henno; McCreedy, Kathleen M.; and Maass, Donald A., to Dow Chemical Company, The. Transparent blends of polymethylmethacrylate and certain styrene copolymers. 4,508,871, 4-2-85, Cl. 525-78.000
Keskkula, Henno: *See*—
  McCreedy, Kathleen M.; Pawloski, James C.; Keskkula, Henno; and Yonkers, Edward H., 4,547,530, Cl. 521-139.000.

Kesling, Haven S., Jr., to Atlantic Richfield Company. Production of aryl alkyl ethers from methylbenzyl alcohol using rhenium heptoxide catalyst. 4,514,576, 4-30-85, Cl. 568-659.000.

Kesling, Haven S., Jr., to Atlantic Richfield Company. Production of aryl alkyl ethers from methylbenzyl alcohol using bis-(dithiobenzyl)-nickel(II) catalyst. 4,518,806, 5-21-85, Cl. 568-659.000.

Kesling, Peter C., to TP Laboratories, Inc. Convertible orthodontic appliance. 4,498,867, 2-12-85, Cl. 433-16.000.

Kesling, Peter C. Edgewise bracket wire retaining clip. 4,551,094, 11-5-85, Cl. 433-8.000.

Kesmodel, Lawrence L., to Indiana University Foundation. High resolution particle spectrometer. 4,559,449, 12-17-85, Cl. 250-305.000.

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Kessel, Jason H.; and Alperin, Henry, to West End and Hub Spring Company. Bed frame having swivel bracket for headboard mounting. 4,501,033, 2-26-85, Cl. 5-200.00R.

Kesseli, James B.: *See—*

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Kesselman, David A. Tamper indicator. 4,552,394, 11-12-85, Cl. 292-307.00B.

Kesselring, John P.; Kendall, Robert M.; and Krill, Wayne V., to Alzeta Corporation. Firetube boiler heater system. 4,519,770, 5-28-85, Cl. 431-7.000.

Kesselring, John P.: *See—*

Kendall, Robert M.; Schreiber, Richard J.; and Kesselring, John P., 4,492,185, Cl. 122-32.000.

Kesselring, Lutz, to MAPA GmbH Gummi-und Plastikwerke. Teat. 4,505,398, 3-19-85, Cl. 215-11.00B.

Kesselring, Lutz; and Frodrich, Horst, to MAPA GmbH Gummi-und Plastikwerke. Feeding teat, opening instrument and holder. 4,526,274, 7-2-85, Cl. 206-231.000.

Kessels, Jozef L. W.: *See—*

Brandsma, Johan R.; Bruekers, Alphons A. M. L.; and Kessels, Jozef L. W., 4,553,234, Cl. 370-86.000.

Kessen, Gunther: *See—*

Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm, 4,533,755, Cl. 568-454.000.

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Kessick, Michael A.; George, Zacharia M.; and Schneider, Linda G., to Alberta Research Council. Formation of coke from heavy crude oils in the presence of calcium carbonate. 4,521,382, 6-4-85, Cl. 423-68.000.

Kessick, Michael A.; George, Zacharia M.; and Schneider, Linda G., to Alberta Research Council. Lime addition to heavy crude oils prior to coking. 4,521,383, 6-4-85, Cl. 423-68.000.

Kessis, Theodore A.: *See—*

Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.

Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,504,126, Cl. 350-469.000.

Kessler, Adriaan: *See—*

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Kessler, Bayard F., to Novation, Inc. Intelligent telephone. 4,503,288, 3-5-85, Cl. 179-2.0DP.

Kessler, Bayard F., to Novation, Inc. Modem cartridge and connection for program cartridge type computers. 4,518,823, 5-21-85, Cl. 179-2.0DP.

Kessler, Claus, to Siemens Aktiengesellschaft. Logic card. 4,516,188, 5-7-85, Cl. 361-408.000.

Kessler, David R.; Beiswenger, David W.; and Makusij, Andrew J., to General Motors Corporation. Fuel injection apparatus. 4,503,826, 3-12-85, Cl. 123-470.000.

Kessler, Donald L., to Tecumseh Products Company. Method of assembling a hermetic compressor. 4,559,686, 12-24-85, Cl. 29-156.50R.

Kessler, H. Fred: *See—*

Query, Grady W.; Query, O. Grady; and Kessler, H. Fred, 4,534,128, Cl. 43-132.100.

Kessler, Jochem; and Heinrich, Bernd, to Ing. h.c.F. Porsche AG. Circuit arrangement for the actuation of the throttle valve of a motor vehicle internal combustion engine. 4,543,933, 10-1-85, Cl. 123-361.000.

Kessler, Jochen, to Dr. Ing. h.c.F. Porsche AG. Device for damping periodically alternating longitudinal accelerations of a motor vehicle. 4,515,126, 5-7-85, Cl. 123-401.000.

Kessler, John R. Method of making an ink roller assembly with capillary ink supply. 4,534,094, 8-13-85, Cl. 29-148.40D.

Kessler, Lawrence W.; and Yuhas, Donald E., to Sonoscan, Inc. Acoustic imaging system and method. 4,518,992, 5-21-85, Cl. 358-112.000.

Kessler, Milton. Lubricated fin pile-type weatherstrip. 4,551,376, 11-5-85, Cl. 428-85.000.

Kessler, Peter-Jurgen; Mayer, Jurgen; and Weiler, Paul, to Robert Bosch GmbH. Windshield wiper device for motor vehicles. 4,543,682, 10-1-85, Cl. 15-250.420.

Kessler Products Co., Inc.: *See—*

Ullman, Myron E., Jr., 4,561,212, Cl. 49-503.000.

Kessler, Stephen B., to Millipore Corporation. Method and apparatus for treating whole blood. 4,540,492, 9-10-85, Cl. 210-651.000.

Kessler, Theodore P. Float and depth gauge. 4,561,205, 12-31-85, Cl. 43-4.500.

Kesson, James, to Scottish & Newcastle Breweries plc. Method of and apparatus for monitoring concentration of gas in a liquid. 4,550,590, 11-5-85, Cl. 73-19.000.

Kesten, Martin, to Preston Engravers, Inc. Device for transferring and monitoring load to die roll. 4,507,996, 4-2-85, Cl. 83-344.000.

Kesten, Martin, to Preston Engravers, Inc. Assembly for rotary die cutting utilizing a shaftless roll. 4,542,671, 9-24-85, Cl. 83-343.000.

Kestenbaum, William W., to Republic Electronics, Inc. Method and means for generating pulse compression pulses. 4,560,961, 12-24-85, Cl. 332-23.00A.

Kester, Gerardus J. A. N., to Fokker B.V. System for breaking a tensioned connecting element. 4,540,873, 9-10-85, Cl. 219-200.000.

Kester, Ralph C., Jr. Rimless drum structure with tuning device. 4,520,709, 6-4-85, Cl. 84-415.000.

Kesterson, John W. Radar tester. 4,499,469, 2-12-85, Cl. 343-17.700.

Kesting, Marinus C., to Swiss Aluminium Ltd. Process for deposit welding and wear resistant coating alloy. 4,521,663, 6-4-85, Cl. 219-76.140.

Kestner, Diane E.: *See—*

Upson, Donald A.; and Kestner, Diane E., 4,497,917, Cl. 523-201.000.

Keszthelyi, Ewald: *See—*

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Rakoczi, Jozsef; Berenyi nee Poldermann, Edit; Fekete, Bela; Szekeres, Laszlo; Papp, Gyula; and Keszthelyi nee Udvary, Eva, 4,530,923, Cl. 514-183.000.

Ketcham, Russell S.: *See—*

Bulka, Raymond I.; Ketcham, Russell S.; and Mak, Kelvin K., 4,525,118, Cl. 414-43.000.

Ketchen, Mark B., to International Business Machines Corporation. Low temperature electronic package having a superconductive interposer for interconnecting strip type circuits. 4,528,530, 7-9-85, Cl. 333-246.000.

Ketchman, Jeffery: *See—*

Storace, Anthony; and Ketchman, Jeffery, 4,551,806, Cl. 364-473.000.

Ketchum & Co. Inc.: *See—*

Trager, Seymour F.; and Chylinski, Victoria S., 4,539,330, Cl. 514-398.000.

Ketchum, John L. Rebound apparatus. 4,553,751, 11-19-85, Cl. 273-26.00A.

Ketchum, Lloyd H., Jr.: *See—*

Colaruotolo, Joseph F.; Irvine, Robert L.; Ketchum, Lloyd H., Jr.; and Ying, Wei-chi, 4,511,657, Cl. 435-253.000.

Ketchum, Ronald L.: *See—*

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Ketchum, Thomas W.: *See—*

Roberts, Manuel E.; and Ketchum, Thomas W., 4,553,634, Cl. 182-134.000.

Ketels, Gerardus H. J., to Procom, B.V. Method for removing solid particles from a pasty mass. 4,513,477, 4-30-85, Cl. 17-46.000.

Keter Plastic (USA) Inc.: *See—*

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Ketner, Eugene N. Timepiece having central opening. 4,525,077, 6-25-85, Cl. 368-77.000.

Ketterer, Charles C., to Du Pont de Nemours, E. I., and Company. Polyester antifume additive for spandex fiber. 4,504,612, 3-12-85, Cl. 524-101.000.

Ketterer, Klaus, to Voest-Alpine Aktiengesellschaft. Excavating head with pick-controlled water supply. 4,537,448, 8-27-85, Cl. 299-81.000.

Ketterer, Stanley J., to Singer Company, The. Feed controlling arrangement for button sewing machine. 4,522,133, 6-11-85, Cl. 112-112.000.

Ketterer, Stanley J., to Singer Company, The. Looper and cam assembly for chain stitch sewing machine. 4,522,135, 6-11-85, Cl. 112-199.000.

Ketterer, Stanley J., to Singer Company, The. Looper-cam shifting arrangement for a sewing machine. 4,535,711, 8-20-85, Cl. 112-199.000.

Ketterer, Stanley J., to Singer Company, The. Thread retaining cloth strip for lockstitch sewing machines. 4,541,350, 9-17-85, Cl. 112-254.000.

Ketterson, John B.: *See—*

Abraham, Bernard M.; Miyano, Kenjiro; and Ketterson, John B., 4,537,064, Cl. 73-54.000.

Kettl, Henry G. Beehive aerator. 4,497,079, 2-5-85, Cl. 6-1.000.

Kettlestrings, John S. Infinite radius circle drawing instrument. 4,530,156, 7-23-85, Cl. 33-27.00R.

Kettlety, Robert W.: *See—*

McTamaney, Louis S.; Bisbee, Gary W.; Kettlety, Robert W.; and Konsevich, James L., 4,551,730, Cl. 346-33.0WL.

Kettlewell, Peter J.: *See—*

Berry, Paul S.; Kettlewell, Peter J.; and Turner, Michael J. B., 4,508,062, Cl. 119-82.000.

- Berry, Paul S.; Benson, John A.; Kettlewell, Peter J.; and Turner, Michael J. B., 4,513,689, Cl. 119-82.000.

Kettman, John R.; and Norgard, Michael V., to Board of Regents, The University of Texas System. Hybrid cell lines producing monoclonal antibodies directed against Treponema. 4,514,498, 4-30-85, Cl. 435-240.000.

Kettner, Charles A.: *See—*

- Shenvi, Ashokkumar B.; and Kettner, Charles A., 4,499,082, Cl. 514-2.000.

Kettner, Roland; Liermann, Norbert; and Lubcke, Torsten. Process for the reduction of the sulfur content in a gaseous stream. 4,552,746, 11-12-85, Cl. 423-573.00G.

Keuper, James C.: *See—*

- Jahnke, Richard P.; Keuper, James C.; and Hunnicutt, Wayne E., 4,557,625, Cl. 404-25.000.

Keuro Maschinenbau Gesellschaft mit beschrankter Haftung & Co. Kommanditgesellschaft: *See—*

- Stolzer, Paul, 4,557,171, Cl. 83-796.000.

Keusseyan, Roupen L.: *See—*

- Desai, Kishor V.; and Keusseyan, Roupen L., 4,558,590, Cl. 73-104.000.

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- Fujimura, Gen; Sotoma, Koichi; Kunikyo, Hiroshi; Hata, Masahito; and Inoue, Hidesuke, 4,534,284, Cl. 99-498.000.
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- Takano, Motoharu, 4,538,489, Cl. 82-71.000.

Key, Clyde. Wall-patch adapter. 4,510,728, 4-16-85, Cl. 52-514.000.

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- Smith, William D., 4,496,803, Cl. 200-5.00A.

Key Engineering, Inc.: *See—*

- Albiol, Ignacio B., 4,548,620, Cl. 55-48.000.

Key Medical, Inc.: *See—*

- Saron, John R., 4,517,499, Cl. 315-362.000.

Key Pharmaceuticals, Inc.: *See—*

- Bodor, Nicholas S., 4,496,570, Cl. 514-282.000.
- Hsiao, Charles H., 4,508,702, Cl. 424-19.000.
- Hsiao, Charles H., 4,555,399, Cl. 424-35.000.
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- Keith, Alec D.; and Snipes, Wallace, 4,492,685, Cl. 424-28.000.
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- Meltzer, Peter C.; and Coe, Jotham W., 4,535,157, Cl. 546-44.000.
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Key Systems, Inc.: *See—*

- Palmer, Tom, 4,517,923, Cl. 119-51.00R.

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Keyasko, Mark. Lightweight, rigid, metal product and process for producing same. 4,543,803, 10-1-85, Cl. 63-2.000.

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Keyes, Gary S.; Belanger, Barry F.; and Hall, Anne L., to General Electric Company. Region-of-interest digital subtraction angiography. 4,559,557, 12-17-85, Cl. 358-111.000.

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- Knudsen, James K.; and Keyes, Marion A., IV, 4,552,026, Cl. 73-861.240.

Keyes, Richard E.; and Dirksing, John W., to Finn Corporation. Dispersing machine for large bales. 4,524,916, 6-25-85, Cl. 241-101.00A.

Keys, Richard H., Jr. Patient's mouthpiece. 4,543,950, 10-1-85, Cl. 128-136.000.

Keys, Robert O., to Sherex Chemical Company, Inc. Ester-alcohol frothers for froth flotation of coal. 4,504,385, 3-12-85, Cl. 209-166.000.

Keys, Steven F., to Essex Group, Inc. Felt applicator. 4,545,323, 10-8-85, Cl. 118-268.000.

Keyseli, F. Kerry; and Lawrence, Robert G., to Quantock Veal Limited. Automatic animal feeder. 4,502,416, 3-5-85, Cl. 119-51.110.

Keyser, Frank: *See—*

- Holmes, George; and Keyser, Frank, 4,529,370, Cl. 425-142.000.

Keyser, Joachim H.: *See—*

- Bohlen, Harald; Kaus, Gerhard; Greschner, Johann; Keyser, Joachim H.; and Kulcke, Werner, 4,522,893, Cl. 428-641.000.

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- Zawodny, Arthur; and Krysicki, Jerzy, 4,492,446, Cl. 354-215.000.

Keystone Engineering Company: *See—*

- Fritz, Conrad M., 4,523,793, Cl. 384-604.000.

Keystone Industries, Inc.: *See—*

- Scott, Mark P., 4,534,298, Cl. 105-282.00R.

Keystone International, Inc.: *See—*

- Scobie, William B., 4,496,135, Cl. 251-308.000.
- Scobie, William B., 4,505,290, Cl. 137-74.000.
- Yohner, Paul A., 4,541,612, Cl. 251-308.000.

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- Shelly, James E., 4,558,893, Cl. 285-354.000.

Keystone Lighting Corporation: *See—*

- Mazis, Bernard, 4,504,891, Cl. 362-219.000.

Keyworth, Donald A.; and McFarland, Cecil G., to Petro-Tex Chemical Corporation. Process for the production of polymer gasoline. 4,540,839, 9-10-85, Cl. 585-520.000.

KG Fabrik fur Electromotoren u. Electrische Apparate: *See—*

- Lengsfeld, Karl; Link, Erich; and Erndt, Hans, 4,556,132, Cl. 192-12.0BA.

Khaan, Dennis: *See—*

- Campolini, John; and Khaan, Dennis, 4,499,562, Cl. 366-264.000.

Khachaturian, Jon E.; and Charles, Joseph P., to Versabar, Inc. Spreader bar assembly. 4,538,849, 9-3-85, Cl. 294-81.100.

Khadder, Wadie N.; Wang, Jia T.; and Hollins, Brian E., to National Semiconductor Corporation. Simplified BIFET process. 4,512,815, 4-23-85, Cl. 148-1.500.

Khadder, Wadie N.: *See—*

- Ramde, Amolak R.; Khadder, Wadie N.; and Krishna, Surinder, 4,512,816, Cl. 148-1.500.

Khait, Klementina F.: *See—*

- Falk, John C.; Jalbert, Ronald L.; and Khait, Klementina F., 4,491,649, Cl. 525-92.000.

Khaladji, Jean; and Peltier, Marcel, to Rhone-Poulenc Industries. Rare earth polishing compositions. 4,529,410, 7-16-85, Cl. 51-309.000.

Khalil, Ezzat N.; and Cheslow, Ernest, to Johnson Products Co., Inc. Hair relaxer. 4,524,787, 6-25-85, Cl. 132-7.000.

Khalil, Hamdy; and Chick, Orest N., to Polysar Limited. Chlorine dioxide antimicrobial agent for latex. 4,533,691, 8-6-85, Cl. 524-401.000.

Khallil, George. Self-adjusting weather strip. 4,497,136, 2-5-85, Cl. 49-481.000.

Khambay, Bhupinder P. S.: *See—*

- Elliott, Michael; Janes, Norman F.; and Khambay, Bhupinder P. S., 4,504,491, Cl. 514-521.000.
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Khan, Aman U., to Whirlpool Corporation. Double-acting refrigerator door hinge with dual latch members. 4,495,673, 1-29-85, Cl. 16-232.000.

Khan, Aman U., to Whirlpool Corporation. Fold-down multiple position shelf for refrigerator. 4,528,825, 7-16-85, Cl. 62-441.000.

Khan, Aman U., to Whirlpool Corporation. Condensate receptacle support for dehumidifier. 4,554,794, 11-26-85, Cl. 62-150.000.

Khan, Aurangzeb K., to Fairchild Camera & Instrument Corporation. High-speed error correcting random access memory system. 4,561,095, 12-24-85, Cl. 371-38.000.

Khan, Ausat A., to Du Pont de Nemours, E. I., and Company. Process for making vinylidene fluoride containing fluoroelastomers. 4,524,197, 6-18-85, Cl. 526-206.000.

Khan, Mahboob; and Trieu, Tom, to Fairchild Camera & Instrument Corporation. Double polysilicon process for fabricating CMOS integrated circuits. 4,517,731, 5-21-85, Cl. 29-571.000.

Khan, Mir N.: *See—*

- Wong, Carl Y.; Khan, Mir N.; and Mihalik, John A., 4,545,997, Cl. 426-94.000.

Khan, Riaz A.: *See—*

- Hough, Leslie; Phadnis, Shashikant P.; Khan, Riaz A.; and Jenner, Michael R., 4,549,013, Cl. 536-122.000.

Khan, Shuaib A.; and Haliburton, James, to Exxon Production Research Co. Process for LPG recovery. 4,507,133, 3-26-85, Cl. 62-29.000.

Khandros, Igor Y.; and Larson, Hugo R., to Abex Corporation. Erosion and corrosion resistant cast iron alloy containing chromium, nickel and molybdenum. 4,536,232, 8-20-85, Cl. 148-35.000.

Khandwala, Bhupendra J.: *See—*

- Young, Jorge A.; and Khandwala, Bhupendra J., 4,538,056, Cl. 235-377.000.
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Khanna, Pyare, to Syva Company. Acetaminophen analogs, antigens, and antibodies. 4,504,413, 3-12-85, Cl. 260-112.00R.

Khanna, Pyare; Snyder, Evan S.; and Singh, Prithipal, to Syra Company. Chloramphenicol derivatives. 4,544,765, 10-1-85, Cl. 560-29.000.

Khanna, Pyare L.; and Colvin, Floyd W., to Syntex (U.S.A.) Inc. Reduction in non-specific interference in hydrophobic ligand assays. 4,518,701, 5-21-85, Cl. 436-500.000.

Khanna, Satish C., to Ciba-Geigy Corporation. Resinate of a substituted carboxylic acid, the preparation and use thereof, and pharmaceutical compositions containing it. 4,510,128, 4-9-85, Cl. 424-79.000.

Khanna, Satish K.; Thakoor, Anilkumar P.; and Williams, Roger M., to United States of America, Administrator, National Aeronautics and Space Administration. Corrosion resistant coating. 4,522,844, 6-11-85, Cl. 427-38.000.

Kharouf, Issa J.: *See—*

- Brendlinger, Edward C.; Higgs, Richard F.; and Kharouf, Issa J., 4,507,190, Cl. 204-206.000.

Khasin, Marra: *See—*

Pickett, Charles G.; Charney, John G.; and Khasin, Marra, 4,497,706, Cl. 210-130.000.

Khatri, Dilip K., to Electrical Equipment Limited. Touch-operated power control device. 4,535,254, 8-13-85, Cl. 307-38.000.

KHD Canada, Inc.: *See—*

Slezak, Paul J., 4,534,456, Cl. 192-58.00A.

Vosmeyer, Wilhelm; Cole, Roderick; and Slezak, Pavel J., 4,515,111, Cl. 123-41.610.

Kheifets, Grigory R.: *See—*

Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.

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Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.

Khismatulin, Enver R.: *See—*

Makarov, Viktor M.; Paton, Boris E.; Globin, Nikolai K.; Usenko, Viktor G.; Khismatulin, Enver R.; Ziselman, Boris G.; Serov, Petr G.; Shel, Marat M.; and Rozenberg, Ovshiya O., 4,505,417, Cl. 228-17.700.

Khmeljuk, Alexei M.: *See—*

Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.

Khoe, Giok D., to U.S. Philips Corporation. Distribution system for a local fibre network. 4,528,695, 7-9-85, Cl. 455-612.000.

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Khoe, Giok D.: *See—*

Thoone, Martinus L. G.; Khoe, Giok D.; Kuppers, Dieter; and Gustin, Pol A. G. J., 4,495,412, Cl. 250-227.000.

Khoi, Danny J., to Materiel et Auxiliaire de Signalisation et de Controle pour l'Automation-Auxitrol. Level detection head for hydrostatic effect with protection. 4,554,830, 11-26-85, Cl. 73-299.000.

Kholin, Boris G., to Sumskoi Filial Kharkovskogo Politekhnicheskogo Instituta. Orienting attachment to ball throwing machine. 4,501,257, 2-26-85, Cl. 124-81.000.

Kholm, Gunnar B.: *See—*

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Kholodov, Valery F.: *See—*

Maidanik, Jury F.; Vershinin, Sergei V.; Kholodov, Valery F.; and Dolgirev, Jury E., 4,515,209, Cl. 165-104.220.

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Khonsari, Ali M.; and Suciu, George D., to Lummus Company, The. Production of high purity phenol by distillation with steam and a solvent. 4,532,012, 7-30-85, Cl. 203-53.000.

Khonsari, Ali M.: *See—*

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Khoobiar, Sargis, to Halcon SD Group, Inc., The. Process for producing methacrylic acid. 4,503,247, 3-5-85, Cl. 562-535.000.

Khoobiar, Sargis, to Halcon SD Group, Inc., The. Conversion of alkanes to unsaturated aldehydes. 4,532,365, 7-30-85, Cl. 568-479.000.

Khoobiar, Sargis, to Halcon SD Group, Inc., The. Conversion of isobutane to methacrolein. 4,535,188, 8-13-85, Cl. 568-479.000.

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Axenov, Ivan I.; Bren, Viktor G.; Padalka, Valentin G.; Sablev, Leonid P.; Stupak, Rimma I.; and Khoroshikh, Vladimir M., 4,551,221, Cl. 204-298.000.

Khoshnevis, Behrokh. Incremental digitizer for encoding geometrical forms. 4,500,749, 2-19-85, Cl. 178-18.000.

Khoury, Donald S., to Colt Industries Operating Corp. Firing pin locking device. 4,555,861, 12-3-85, Cl. 42-70.00F.

Khoury, Henri A.: *See—*

Chen, Lee; Khoury, Henri A.; and Seymour, Harlan R., 4,493,745, Cl. 156-626.000.

Khoury, Nick S., to Continental Can Company, Inc. Method of forming scored metal sheet. 4,504,181, 3-12-85, Cl. 413-17.000.

Khoylian, Rouzas R.; Cowdery, James R.; and Park, David B., to Santrade Ltd. Relatch assembly for a conveyor system. 4,503,968, 3-12-85, Cl. 198-472.000.

Khoylian, Rouzas R.: *See—*

Cowdery, James R.; Park, David B.; and Khoylian, Rouzas R., 4,540,083, Cl. 198-465.100.

Khramov, Rem A.: *See—*

Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.

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Khrenov, Jury A.: *See—*

Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.

Khristjuk, Grigory P.: *See—*

Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.

Khromov, Gennady L.: *See—*

Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I., 4,529,589, Cl. 424-81.000.

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Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., to Vsesojuzny Nauchno-Issledovatelsky Institut Gornospasatelngo Dela. Regenerative canister of a self-contained oxygen-breathing apparatus on chemically fixed oxygen. 4,515,156, 5-7-85, Cl. 128-202.260.

Khuong, Nhon H. Space-saving hanging device. 4,557,452, 12-10-85, Cl. 248-214.000.

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Kino, Gordon S.; Khuri-Yakub, Butrus T.; Bennett, Simon D.; and Liang, Kenneth K., 4,503,708, Cl. 73-628.000.

KIA Industrial Co., Inc.: *See—*

Ha, Jung Y., 4,515,259, Cl. 192-3.00H.

Kiamco, Roberto C.; and Skipor, Eugene, Jr., to Rockwell International Corporation. High speed folder fly. 4,537,390, 8-27-85, Cl. 270-53.000.

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Chee, Aik T.; and Kiat, Wee S., 4,499,333, Cl. 174-52.0FP.

Kiba, Hiroshi; Itoh, Yoshimasa; and Kiryu, Kiyuji, to Mazda Motor Corporation; and Tokico Ltd. Vehicle body painting robot. 4,498,414, 2-12-85, Cl. 118-663.000.

Kibayashi, Iwao: *See—*

Ayabe, Mitsukuni; Shimizui, Tunehiko; Kibayashi, Iwao; and Hirano, Hideki, 4,549,028, Cl. 548-308.000.

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Kibby, Robert M., to Process Development Associates, Inc. Process for producing aluminum. 4,533,386, 8-6-85, Cl. 75-10.00R.

Kibler, Charles E. Riding spurs. 4,501,110, 2-26-85, Cl. 54-83.00R.

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Kiboshi, Shinzi: *See—*

Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, 4,506,053, Cl. 524-405.000.

Kibrick, Morris: *See—*

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Kice, John E., to Kice Metal Products Co., Inc. Rotary mixing damper method and means. 4,495,113, 1-22-85, Cl. 261-64.00R.

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Kice, John E., 4,495,113, Cl. 261-64.00R.

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- Kickhofen, Botho: *See—*
  - Fischer, Herbert; Kickhofen, Botho; and Vaubel, Eckehard, 4,554,156, Cl. 424-81.000.
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- Kickle, Hunter L.: *See—*
  - McDaniel, Robert S., Jr.; Glor, Paul R.; and Kickle, Hunter L., 4,557,729, Cl. 8-111.000.
- Kida, Katsuaki: *See—*
  - Kanda, Kazunori; Ishii, Keizou; Kida, Katsuaki; Ishikura, Shinichi; and Mizuguchi, Ryuzo, 4,530,946, Cl. 523-418.000.
  - Kuwajima, Teruaki; Miwa, Hiroshi; Kida, Katsuaki; and Ishikura, Shinichi, 4,504,609, Cl. 523-501.000.
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- Kida, Makoto: *See—*
  - Kikuchi, Masakazu; Hayakawa, Takaki; and Kida, Makoto, 4,518,698, Cl. 435-317.000.
- Kida, Masahiko: *See—*
  - Matsumura, Hisashi; Hashimoto, Toyokazu; Kida, Masahiko; and Wada, Hiroyuki, 4,558,428, Cl. 364-900.000.
  - Nakayashiki, Susumu; Nakada, Isao; Kida, Masahiko; Hashimoto, Toyokazu; and Yagyu, Kazuo, 4,495,595, Cl. 364-900.000.
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- Kida, Masashi: *See—*
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  - Hoek, Arend; and Kieffer, Eduard P., 4,517,396, Cl. 585-415.000.
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  - Henry, Georges; and Kieffer, Jean, 4,543,712, Cl. 29-825.000.
- Kieffer, Joseph A. Building construction panel with internal metallic reinforcement. 4,559,752, 12-24-85, Cl. 52-670.000.
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  - Hickey, David J.; and Devery, Kieran, 4,541,359, Cl. 119-1.000.
- Kieffer, Robert A. Seal for relatively rotatable parts. 4,494,759, 1-22-85, Cl. 277-25.000.
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  - Schroder, Gunter; and Kiehne, Joachim, 4,545,569, Cl. 269-43.000.
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- Kiejzik, Paul A. Microfilm inserter/viewer apparatus. 4,506,976, 3-26-85, Cl. 355-45.000.
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Goedecke, Wolf-Dieter; Schneckenburger, Gerhard; and Schwenzer, Reinhard, 4,524,804, Cl. 137-625.640.
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  Nagashima, Masayoshi; Yamane, Hiroshi; Kikkawa, Shigeru; and Teraki, Yoshinori, 4,527,172, Cl. 346-76.0PH.
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  Furukawa, Toshio, 4,536,284, Cl. 209-305.000.
  Matsuura, Masaru, 4,514,433, Cl. 426-634.000.
  Nakajima, Motoo; Nakamura, Kazuo; Shirokane, Yoshio; and Mizusawa, Kiyoshi, 4,503,147, Cl. 435-25.000.
  Nakajima, Motoo, 4,552,849, Cl. 436-130.000.
  Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, 4,547,372, Cl. 426-11.000.
  Togawa, Hideo; Takezawa, Taihei; Watanabe, Masazumi; Hayashi, Kazuya; and Okuhara, Akira, 4,505,938, Cl. 426-46.000.
Kiko, Frederick H.: *See—*
  Hackett-Jones, Francis C.; and Kiko, Frederick H., 4,555,599, Cl. 179-170.00R.
Kikuchi, Atsuo: *See—*
  Sakai, Hiromu; Ezaki, Sazo; and Kikuchi, Atsuo, 4,523,448, Cl. 72-185.000.
Kikuchi, Hiroshi; Tanuma, Jiro; Koshida, Yoshinori; and Itaya, Takashi, to Oki Electric Industry Co., Ltd. Serial printer. 4,526,486, 7-2-85, Cl. 400-185.000.
Kikuchi, Hiroshi; and Sato, Kenji, to Oki Electric Industry Co., Ltd. Shuttle type line printer. 4,543,884, 10-1-85, Cl. 101-93.040.
Kikuchi, Hiroshi: *See—*
  Tanaka, Isamu; Kikuchi, Hiroshi; Tomizawa, Akira; and Oka, Hitoshi, 4,555,532, Cl. 523-400.000.
Kikuchi, Hiroyuki: *See—*
  Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.
Kikuchi, Hisashi: *See—*
  Ono, Minoru; Makino, Teruyoshi; and Kikuchi, Hisashi, 4,546,061, Cl. 430-207.000.
Kikuchi, Itsuo: *See—*
  Ishihara, Masahiro; Watanabe, Mitsuru; Ohkawa, Shuji; Taguchi, Shunichi; and Kikuchi, Itsuo, 4,520,250, Cl. 219-10.55B.
  Taguchi, Shunichi; Ohkawa, Shuji; Watanabe, Mitsuru; and Kikuchi, Itsuo, 4,518,839, Cl. 219-10.55B.
Kikuchi, Junzo; Sugiura, Ryuzo; Yamamoto, Mutsuhiro; and Yoshida, Toshiro, to Tamura Electric Works, Ltd. Control of a key telephone system using a pulse width modulated signal. 4,514,597, 4-30-85, Cl. 179-99.00M.
Kikuchi, Juro, to Olympus Optical Co., Ltd. Lens system for optically recorded disks. 4,523,817, 6-18-85, Cl. 350-465.000.
Kikuchi, Juro: *See—*
  Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, 4,533,220, Cl. 350-507.000.
Kikuchi, Katsutoshi: *See—*
  Ohsaki, Kozo; Kikuchi, Katsutoshi; and Hirota, Yoshitsugu, 4,525,482, Cl. 518-707.000.
Kikuchi, Keisuke; Morikawa, Takitaro; Shimada, Junichi; and Sakurai, Kenjiro, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Spherical lens for spherically symmetrical graded refractive index distribution provided with rod clad. 4,557,566, 12-10-85, Cl. 350-413.000.
Kikuchi, Kenichi: *See—*
  Hayashi, Hideki; and Kikuchi, Kenichi, 4,521,888, Cl. 372-50.000.
Kikuchi, Kiyoshi: *See—*
  Noyori, Masato; Saitou, Hiroyoshi; Sato, Masamitsu; and Kikuchi, Kiyoshi, 4,542,477, Cl. 364-900.000.
Kikuchi, Makoto: *See—*
  Funabashi, Kiyomi; Kawamura, Fumio; Kikuchi, Makoto; and Yusa, Hideo, 4,505,851, Cl. 252-628.000.
  Funabashi, Kiyomi; Takagi, Toshio; Kawamura, Fumio; and Kikuchi, Makoto, 4,524,153, Cl. 521-26.000.
  Hayami, Hiroshi; Kuroda, Yasuo; Kikuchi, Makoto; and Koshi, Kenji, 4,530,797, Cl. 260-465.00C.
Kikuchi, Masakazu; Hayakawa, Takaki; and Kida, Makoto, to Takeda Chemical Industries, Ltd. Plasmid and production thereof. 4,518,698, 5-21-85, Cl. 435-317.000.
Kikuchi, Masamitsu: *See—*
  Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
Kikuchi, Mitsuru: *See—*
  Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.
Kikuchi, Reiji, to Kabushiki Kaisha Sato. Heat-sensitive printing machine. 4,542,690, 9-24-85, Cl. 101-27.000.
Kikuchi, Takehiro: *See—*
  Kobayashi, Akio; Harada, Susumu; Harada, Takashi; Kikuchi, Takehiro; and Honda, Masakazu, 4,546,747, Cl. 123-489.000.
Kikuchi, Tatsuro: *See—*
  Nakamura, Tsuneshi; and Kikuchi, Tatsuro, 4,495,546, Cl. 361-398.000.
Kikuchi, Toru; Saito, Takayuki; Kobayashi, Akihiro; and Goto, Hitoshi, to Hitachi Chemical Company, Ltd. Epoxy resin composition. 4,507,460, 3-26-85, Cl. 525-507.000.
Kikuchi, Toru: *See—*
  Saito, Takayuki; Kikuchi, Toru; Obara, Masakatsu; and Kobayashi, Akihiro, 4,491,667, Cl. 549-302.000.
Kikuchi, Yasuharu: *See—*
  Eda, Kazuo; Kikuchi, Yasuharu; Makino, Osamu; and Matsuoka, Michio, 4,551,268, Cl. 252-519.000.
Kikuchi, Yasuyuki; Matsumoto, Eiichi; and Tanaka, Yoshimasa, to Nissan Motor Company, Limited. Fan device for internal combustion engine. 4,550,695, 11-5-85, Cl. 123-41.120.
Kikuchi, Yoshiki, to Fuji Xerox Co., Ltd. Magnetic bubble display device. 4,541,072, 9-10-85, Cl. 365-29.000.
Kikuchi, Yoshiki: *See—*
  Moriguchi, Haruhiko; Kikuchi, Yoshiki; and Ohmori, Takashi, 4,502,065, Cl. 346-204.000.
  Murayama, Tomio; Kikuchi, Yoshiki; and Ohmori, Takashi, 4,517,560, Cl. 340-790.000.
  Saitoh, Hiroyuki; and Kikuchi, Yoshiki, 4,514,744, Cl. 346-153.100.
Kikuchi, Yoshiyasu; Shutoh, Masamichi; Miyai, Hitoshi; and Itoh, Hidetoshi, to Nippon Electric Co., Ltd. Tabulation system. 4,495,600, 1-22-85, Cl. 364-900.000.
Kikugawa, Shozo; and Yasufuku, Yoshitaka, to Konishiroku Photo Industry Co., Ltd. Magnetic recording medium. 4,555,443, 11-26-85, Cl. 428-336.000.
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  Koyama, Mikio; Kikugawa, Shozo; and Okaniwa, Kenichiro, 4,551,307, Cl. 422-56.000.
Kikukawa, Noriyuki; and Yamada, Yasuaki, to Canon Kabushiki Kaisha. Electric stepping motor and method for controlling same. 4,513,236, 4-23-85, Cl. 318-696.000.
Kikukawa, Shozo; and Yasufuku, Yoshitaka, to Konishiroku Photo Industry Co., Ltd. Magnetic recording medium and a process of fabricating such magnetic recording medium. 4,562,117, 12-31-85, Cl. 428-407.000.
Kikumoto, Ryoji; Tobe, Akihiro; Tonomura, Shinji; and Ikoma, Hidenobu, to Mitsubishi Chemical Industries Limited. Pharmaceutically active 2-substituted-1-(omega-aminoalkoxy)benzenes. 4,562,211, 12-31-85, Cl. 514-648.000.

Kikushima, Kazuyuki: *See—*
Kubota, Yasuo; Tanaka, Kazuhiko; and Kikushima, Kazuyuki, 4,514,767, Cl. 358-280.000.

Kikuta, Kazutsune: *See—*
Sato, Akihiro; Kikuta, Kazutsune; Matsuda, Kenji; Uwai, Toshihiro; and Hanari, Tohru, 4,514,513, Cl. 502-112.000.
Sato, Akihiro; Kikuta, Kazutsune; Uwai, Toshihiro; Matsuda, Kenji; and Hattori, Nobutaka, 4,533,705, Cl. 526-114.000.

Kikuta, Makoto; and Terasawa, Hideo, to Kansai Paint Co., Ltd. Coating apparatus. 4,539,931, 9-10-85, Cl. 118-404.000.

Kikutsugi, Masaharu: *See—*
Yamada, Yasuyuki; Nishizawa, Tsutomu; Mikoda, Tamio; Miyahara, Tooru; and Kikutsugi, Masaharu, 4,552,684, Cl. 252-299.100.

Kikuya, Satoshi: *See—*
Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, 4,491,885, Cl. 360-85.000.
Shibaike, Narito; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; and Zaitsu, Osamu, 4,517,613, Cl. 360-85.000.

Kilb, Donald A.; and Diercksmeier, Richard A., to E. D. Coddington Manufacturing Company. Split stations surface grinding apparatus. 4,499,690, 2-19-85, Cl. 51-56.00R.

Kilborn, Hilary M. H., to Burroughs Corporation. Autoteller card handling mechanism. 4,527,052, 7-2-85, Cl. 235-485.000.

Kilbourn, Frederick A.: *See—*
Houle, Raymond T.; Kilbourn, Frederick A.; De Kraker, James E.; and Nilsson, Robert T., 4,546,506, Cl. 4-555.000.

Kilbourn, Harlan C.: *See—*
Bennett, Ross L., Price, Robert B.; Springen, Clyde H.; and Kilbourn, Harlan C., 4,517,652, Cl. 364-513.000.

Kilby, Gregory G. Bench rest for firearms. 4,558,531, 12-17-85, Cl. 42-94.000.

Kilches, Helmut D.: *See—*
Lugscheider, Walter; Kilches, Helmut D.; Riegler, Ernst; and Zajicek, Ernst, 4,493,088, Cl. 373-22.000.

Kile, H. Buford, to Fabrication Center, Inc. Apparatus and method for producing patterned tufted goods. 4,549,496, 10-29-85, Cl. 112-79.500.

Kilfeather, James F., Jr.: *See—*
Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., 4,496,793, Cl. 174-68.500.
Hanson, John R.; Hauser, James L.; Kilfeather, James F., Jr.; and Hendriks, Hendrik B., 4,522,667, Cl. 156-87.000.

Kilgour, John A.; and Petty, Herbert E., to Union Carbide Corporation. Process for the preparation of N-substituted aminoalkylsilanes. 4,526,996, 7-2-85, Cl. 556-413.000.

Kilgour, Jonathan R. Apparatus for drilling and inserting a horizontal pipe. 4,538,858, 9-3-85, Cl. 299-55.000.

Kilguss, Howard M., to Excell Manufacturing Company. Jewelry chain clasp assembly. 4,494,279, 1-22-85, Cl. 24-336.000.

Kilham, Lawrence B.; and Riley, David W., to Flow Vision, Inc. Apparatus and method for polymer melt stream analysis. 4,529,306, 7-16-85, Cl. 356-237.000.

Kilkelly, John, to Clairson International Corporation. Pole assembly for installing closet shelves. 4,548,327, 10-22-85, Cl. 211-187.000.

Kilkson, Henn, to Du Pont de Nemours, E. I., and Company. Platelet storage container. 4,496,361, 1-29-85, Cl. 604-408.000.

Killat, George R.; and Wilson, Larry R., to Dow Chemical Company, The. Polyamidoamine containing pendant ammonium moiety having crosslinking functionality. 4,536,552, 8-20-85, Cl. 525-451.000.

Kille, Ewald; and Griebel, Heinrich, to J. Wagner GmbH. Electrically-operated manual device. 4,511,074, 4-16-85, Cl. 227-113.000.

Kille, Ewald; and Griebel, Heinrich, to J. Wagner GmbH. Reciprocating armature motor for driving electrical equipment. 4,550,266, 10-29-85, Cl. 310-19.000.

Kille, Ewald; and Karliner, Rudolf, to J. Wagner GmbH. Device for applying paint with reciprocating linear motor. 4,551,037, 11-5-85, Cl. 401-146.000.

Killen, Dale H., to Deere & Company. Reservoir for a multi-pump hydraulic system. 4,531,368, 7-30-85, Cl. 60-453.000.

Killen, Robert H., to Gravity Guidance, Inc. Toggle bar for exercise and health purposes. 4,513,961, 4-30-85, Cl. 272-62.000.

Killer, Eric; Scherer, Gunther; and Stucki, Samuel, to BBC Brown, Boveri & Company, Limited. Process for producing an electrically conductive layer on the surface of a solid-body electrolyte, and electrically conductive layer. 4,546,010, 10-8-85, Cl. 427-96.000.

Killer, Walter: *See—*
Riniker, Hans; and Killer, Walter, 4,506,838, Cl. 241-98.000.

Killi, Geza: *See—*
Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, 4,562,544, Cl. 364-431.110.

Killian, Edmund F., to Waldes Kohinoor, Inc. Methods and apparatus for installing a radially applied retaining ring into an external groove of a workpiece. 4,550,485, 11-5-85, Cl. 29-450.000.

Killian, George W.: *See—*
Mande, Irving; Right, Robert W.; and Killian, George W., 4,506,253, Cl. 340-506.000.

Killich, Hans-Jurgen: *See—*
Leibrock, Kurt; and Killich, Hans-Jurgen, 4,533,002, Cl. 173-53.000.

Killilea, Daniel E., to Republic Steel Corporation. Apparatus for cooling a hot-rolled product. 4,507,949, 4-2-85, Cl. 72-201.000.

Killinger, Karl H., to Singer Company, The. Top work feeding arrangement for a chain stitch sewing machine. 4,497,268, 2-5-85, Cl. 112-169.000.

Killinger, Karl H., to Singer Company, The. Cam controlled gate spring for chain stitch sewing machine. 4,503,791, 3-12-85, Cl. 112-199.000.

Killinger, Karl H., to Singer Company, The. Stitch length control for hand operable sewing machine. 4,505,213, 3-19-85, Cl. 112-315.000.

Killingsworth, Emmett D., to Westinghouse Electric Corp. Meter encoding register having improved zeroing mechanism. 4,500,779, 2-19-85, Cl. 250-231.0SE.

Killingsworth, Emmett D., to Westinghouse Electric Corp. Meter encoding register with tapered aperture in baffle insert. 4,511,798, 4-16-85, Cl. 250-231.0SE.

Killion, John J., III: *See—*
Wickman, John A.; Killion, John J., III; and Deschenes, Charles, 4,522,288, Cl. 190-106.000.

Killman, David L.; and Killman, Loraine C. Protector for lazy-tong fence. 4,523,745, 6-18-85, Cl. 256-1.000.

Killman, Don M.: *See—*
Robinson, Thomas P.; Killman, Don M.; Mattson, Andrew P.; and Hudson, James E., Jr., 4,559,044, Cl. 604-246.000.

Killman, Loraine C.: *See—*
Killman, David L.; and Killman, Loraine C., 4,523,745, Cl. 256-1.000.

Killmann, Peter A., to Marsteller & Killman GmbH & Co. KG. Bottle or similar container, especially for readily combustible liquids, with a screw-on closure. 4,509,655, 4-9-85, Cl. 215-309.000.

Killop, James T., to Anderson-Cook, Inc. Fixture for grinding racks. 4,520,540, 6-4-85, Cl. 29-90.00B.

Kilmartin, David F.; Kilmartin, David F., Jr.; and Cibulsky, Albinas A., to Kilmartin Industries, Inc. Magnetically selective token system. 4,553,657, 11-19-85, Cl. 194-4.00R.

Kilmartin, David F., Jr.: *See—*
Kilmartin, David F.; Kilmartin, David F., Jr.; and Cibulsky, Albinas A., 4,553,657, Cl. 194-4.00R.

Kilmartin Industries, Inc.: *See—*
Kilmartin, David F.; Kilmartin, David F., Jr.; and Cibulsky, Albinas A., 4,553,657, Cl. 194-4.00R.

Kilmonis, Peter P. Apparatus for carrying and playing games. 4,544,158, 10-1-85, Cl. 273-150.000.

Kilmoyer, James E., to Cameron Iron Works, Inc. Valve and improved stem seal therefor. 4,553,759, 11-19-85, Cl. 277-12.000.

Kilner, Jerome R.; Raymond, Eugene T.; and Warren, Steven M., to Boeing Company, The. Two-fluid nonflammable hydraulic system. 4,493,509, 1-15-85, Cl. 303-13.000.

Kiiner, Peter H.; Egan, Joseph P., Jr.; Ceisel, Stephen G.; and Schammel, Wayne P., to Standard Oil Company (Indiana). Process for the production of trimellitic anhydride. 4,537,978, 8-27-85, Cl. 549-245.000.

Kilovac Corporation: *See—*
Jabagchourian, Hrair; and Lucas, Louis, Jr., 4,506,244, Cl. 335-151.000.

Kilpatrick, Ewen P., to Repco Limited. Emergency locking reel for belts. 4,526,328, 7-2-85, Cl. 242-107.40A.

Kilpela, Tauno B., to Michigan Technological University, Board of Control of. Flake feeder aligner including reciprocating baffles. 4,505,663, 3-19-85, Cl. 425-363.000.

Kilpela, Tauno B., to Michigan Technological University, Board of Control of. Flake aligner including reciprocating baffles. 4,506,778, 3-26-85, Cl. 198-382.000.

Kilpinen, Michael E.: *See—*
Kaltz, Milton C.; Garascia, David C.; and Kilpinen, Michael E., 4,553,307, Cl. 29-434.000.

Kilroy, Eugene J.; Morse, James E.; Grimm, Thomas H.; and DeAnda, Nicholas, to Mattel, Inc. Toy railroad vehicle with alignment bias. 4,522,607, 6-11-85, Cl. 446-447.000.

Kilroy, Stanley A. R., to Alpen Dairy Foods Pty. Limited. Method of producing an edible fat emulsion and food product produced thereof. 4,551,346, 11-5-85, Cl. 426-602.000.

Kilstofte, Richard B.: *See—*
Martinez, Arthur T.; and Kilstofte, Richard B., 4,492,828, Cl. 200-5.00R.

Kilthau, Heinz: *See—*
Roos, Hans; Schlaefer, Dieter; Boehn, Hugo; Bittler, Knut; and Kilthau, Heinz, 4,557,818, Cl. 204-288.000.

Kim, Bang M., to General Electric Company. Continuous ion exchange process using thermally regenerable liquid ion exchangers. 4,523,998, 6-18-85, Cl. 210-638.000.

Kim, Bang M., to General Electric Company. Method for continuous measurement of the sulfite/sulfate ratio. 4,533,440, 8-6-85, Cl. 204-1.00T.

Kim, Bang M.; and Weininger, Joseph L., to General Electric Environmental Services, Inc. Electrolytic reactor for cleaning wastewater. 4,556,469, 12-3-85, Cl. 204-263.000.

Kim, Bonjue: *See—*
Kim, Sun; and Kim, Bonjue, 4,557,056, Cl. 33-366.000.

Kim, Bumman: *See—*
Bayraktaroglu, Burhan; Kim, Bumman; and Frensley, William, 4,539,528, Cl. 330-287.000.

Kim, Byoung S., to AT&T Technologies, Inc. Method and apparatus for sensing tactile forces. 4,555,954, 12-3-85, Cl. 73-862.040.

Kim, Chang J., to Burke Marketing Services, Inc. Market research booklet. 4,506,913, 3-26-85, Cl. 283-56.000.

Kim, Chang J., to Exxon Research & Engineering Co. Reducing methane production in Fischer-Tropsch reactions. 4,547,525, 10-15-85, Cl. 518-713.000.

Kim, Chang K.: *See—*
Lee, Byung S.; and Kim, Chang K., 4,524,136, Cl. 435-139.000.

Kim, Chong S.: *See—*
Sackner, Marvin A.; and Kim, Chong S., 4,517,987, Cl. 128-719.000.
Kim, Chong Y.; Farver, Terry F.; and Brewer, Jack W., to Miles Laboratories, Inc. Method for the separation of extracellular amylase and protease produced during the fermentation of enzyme producing microorganisms. 4,508,825, 4-2-85, Cl. 435-201.000.
Kim, Choong S.; Lee, Nam J.; and Kim, Joong H., to Korea Advanced Institute of Science and Technology. Process for the production of (±)-4-oxo-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1-a]isoquinoline derivatives. 4,497,952, 2-5-85, Cl. 544-344.000.
Kim, Choung U.; and Micso, Peter F., Jr., to Bristol-Myers Company. Carbapenem antibiotics. 4,536,335, 8-20-85, Cl. 260-245.20T.
Kim, Choung U.; and Misco, Peter F., Jr., to Bristol-Myers Company. Carbapenem antibiotics. 4,552,696, 11-12-85, Cl. 260-245.20T.
Kim, Don K., to Boryung Pharmaceutical Co., Ltd. Process for the preparation of acylureido penicillin derivatives. 4,556,516, 12-3-85, Cl. 260-239.100.
Kim, Dong H.: *See—*
McCaully, Ronald J.; and Kim, Dong H., 4,506,077, Cl. 548-402.000.
Kim, Dong K.: *See—*
Shemenski, Robert M.; Kim, Dong K.; and Starinshak, Thomas W., 4,545,834, Cl. 156-124.000.
Kim, Dong W.: *See—*
Aberle, Leonard J.; Kim, Dong W.; Lees, Robert; Vermeer, Dick C.; Wohnig, Ernest W.; and Yates, Samuel L., 4,519,116, Cl. 28-257.000.
Kim, Dongsung R.; and McClintock, John H., Jr., to Burroughs Corporation. Pipelined microprogrammed digital data processor employing microinstruction tasking. 4,493,019, 1-8-85, Cl. 364-200.000.
Kim, Dongsung R., and McClintock, John H., Jr., to Burroughs Corporation. Microprogrammed digital data processor employing microinstruction tasking and dynamic register allocation. 4,493,020, 1-8-85, Cl. 364-200.000.
Kim, Douglas S. T. Dancing hula doll. 4,545,775, 10-8-85, Cl. 446-299.000.
Kim, George A.: *See—*
Verma, Surendra K.; and Kim, George A., 4,514,192, Cl. 51-295.000.
Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., to W. R. Grace & Co. Doubly promoted catalyst with high geometric surface area. 4,510,262, 4-9-85, Cl. 502-304.000.
Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., to W. R. Grace & Co. Process for utilizing doubly promoted catalyst with high geometric surface area. 4,541,995, 9-17-85, Cl. 423-213.500.
Kim, Gwan: *See—*
Peters, Alan W.; Kim, Gwan; and Ernest, Michael V., 4,513,101, Cl. 502-304.000.
Kim, He B.: *See—*
Lemnios, Zachary J.; and Kim, He B., 4,494,997, Cl. 148-1.500.
Kim, Hyoung J. Collapsible golf bags and supports therefor. 4,506,854, 3-26-85, Cl. 248-96.000.
Kim, Jason J. Method and apparatus for producing an electron beam from a thermionic cathode. 4,528,474, 7-9-85, Cl. 313-346.00R.
Kim, Jonathan J.; and Venkateswaran, Viswanathan, to Kennecott Corporation. Sintering or reaction sintering process for ceramic or refractory materials using plasma arc gases. 4,559,312, 12-17-85, Cl. 501-1.000.
Kim, Jong Seong. Process for preparing an antitoxic composition. 4,528,192, 7-9-85, Cl. 424-195.100.
Kim, Joon S.: *See—*
Greenblatt, Abraham J.; and Kim, Joon S., 4,526,092, Cl. 99-575.000.
Kim, Joong H.: *See—*
Kim, Choong S.; Lee, Nam J.; and Kim, Joong H., 4,497,952, Cl. 544-344.000.
Kim, Jung T.: *See—*
Saprokhin, Alexander M.; Friedland, David J.; Baran, Richard M.; Kim, Jung T.; and McCurry, Lynn E., 4,511,440, Cl. 204-60.000.
Kim, Kee: *See—*
Hinojosa, Alberto L.; Kim, Kee; and Chickering, Kenton, III, 4,512,359, Cl. 137-315.000.
Kim-Kee Enterprises: *See—*
Kincheloe, Dan, 4,500,135, Cl. 297-250.000.
Kim, Ki-Soo: *See—*
DiSalvo, Anthony L.; and Kim, Ki-Soo, 4,557,860, Cl. 252-512.000.
Kim, Kwang K., to International Business Machines Corporation. Integrated resistor of niobium oxide passivating ring, gold corrosion barrier, and titanium resistive layer. 4,504,552, 3-12-85, Cl. 428-620.000.
Kim, Kyong M.; Smetana, Pavel; and Schwuttke, Gunther H., to International Business Machines Corporation. Method for controlled doping of silicon crystals by improved float zone technique. 4,556,448, 12-3-85, Cl. 156-605.000.
Kim, Kyung J., to United States of America, Navy. Gyrotron traveling-wave device including quarter wavelength anti-reflective dielectric layer to enhance microwave absorption. 4,494,039, 1-15-85, Cl. 315-4.000.
Kim, Kyusik. Shockcone and channeled disk-airframe. 4,494,713, 1-22-85, Cl. 244-15.000.
Kim, Kyusik. Liquid fuel prevaporization and back burning induction jet oval thrust transition tail pipe. 4,500,052, 2-19-85, Cl. 244-12.100.
Kim, Miwon S., to Carter-Wallace, Inc. Pharmaceutical compositions. 4,534,973, 8-13-85, Cl. 514-162.000.
Kim, Miwon S., to Carter-Wallace, Inc. Pharmaceutical compositions with codeine. 4,534,974, 8-13-85, Cl. 514-161.000.
Kim, Oh-Kim, to United States of America, Navy. Electrically conductive polymer compositions. 4,529,538, 7-16-85, Cl. 252-500.000.
Kim Production Limited: *See—*
Jonas, Rolf, 4,505,451, Cl. 251-285.000.
Kim, Sam K. Pivot mechanism for multiple axes opening window or closure. 4,532,673, 8-6-85, Cl. 16-233.000.
Kim, Sang Do. Shoes sole for ventilation and shock absorption. 4,499,672, 2-19-85, Cl. 36-3.00B.
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Kim, Wan J.; Lee, Cheol H.; and Lee, Moon H., to Korea Advanced Institute of Science and Technology. Method of preparation of 3-methylene cepham compounds. 4,513,134, 4-23-85, Cl. 544-16.000.
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Efron, Edward; McPherson, James O.; and Kim, Young B., 4,524,444, Cl. 371-24.000.
Kim, Yung J., to Baker Oil Tools, Inc. Concentric insulating conduit. 4,531,552, 7-30-85, Cl. 138-149.000.
Kim, Yung J.: *See—*
Anderson, David M.; and Kim, Yung J., 4,501,440, Cl. 285-47.000.
Kimata, Yoshihide: *See—*
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Kimball, David V. Method and apparatus for two-axis screening vibration. 4,498,343, 2-12-85, Cl. 73-663.000.
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Buchla, Donald F., 4,558,623, Cl. 84-1.100.
DeLong, Charles E.; and Eck, Gary A., 4,493,237, Cl. 84-1.260.
Henriott, Jay M.; and Hostetter, David L., 4,535,703, Cl. 108-50.000.
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Trinkel, Steven F.; Strange, Patrick E.; and Slaats, Mathew A., 4,494,721, Cl. 248-406.200.
Weil, Robert A., Jr.; and Howell, Stephen L., 4,520,707, Cl. 84-1.030.
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Roule, Richard L.; Sorbo, Peter J.; and Kimball, John J., 4,533,586, Cl. 428-137.000.
Kimball, Michael E.: *See—*
Parker, Dane K.; Kuczkowski, Joseph A.; and Kimball, Michael E., 4,517,331, Cl. 524-451.000.
Rabito, Thomas G.; Cline, Richard L.; Oswalt, Stephen M.; Randleman, Marvin T.; and Kimball, Michael E., 4,552,934, Cl. 525-458.000.
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Kimball, Spencer D.; Kronenthal, David; and Koster, William H., to E. R. Squibb & Sons, Inc. (2-Oxo-1-azetidinyloxy)-2-propenoic acid. 4,548,751, 10-22-85, Cl. 260-245.400.
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wire filament and a hydrogen-impervious envelope. 4,550,270, 10-29-85, Cl. 313-579.000.

- Kimbara, Hidenori: *See—*
  - Gaku, Morio; Kimbara, Hidenori; Ayano, Satoshi; and Yoshimura, Susumu, 4,533,727, Cl. 528-361.000.
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  - Ikeguchi, Nobuyuki; and Kimbara, Hidenori, 4,499,245, Cl. 525-417.000.
- Kimbara, Masahiko; and Arakawa, Akio, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Control method of stopping a loom at a predetermined position thereof. 4,553,569, 11-19-85, Cl. 139-1.00E.
- Kimbara, Masahiko: *See—*
  - Hirano, Hideo; and Kimbara, Masahiko, 4,554,951, Cl. 139-105.000.
- Kimber, Geoffrey M.: *See—*
  - Clarke, James W.; Kimber, Geoffrey M.; Rantell, Terry D.; and Snape, Colin E., 4,521,291, Cl. 208-8.0LE.
- Kimber, Ian D.: *See—*
  - Clark, Duncan G. D.; Kimber, Ian D.; and May, Roderick G., 4,517,679, Cl. 375-37.000.
- Kimberlin, Dan R., to General Motors Corporation. Lash-free telescopic steering shaft assembly and method of making the assembly. 4,509,386, 4-9-85, Cl. 74-492.000.
- Kimberlin, Dan W., to General Electric Company. Contact and terminal assembly for a brush wear indicator. 4,513,495, 4-30-85, Cl. 29-597.000.
- Kimberlin, Fred, Jr. Tab can opening tool. 4,524,646, 6-25-85, Cl. 81-3.550.
- Kimberly-Clark Corporation: *See—*
  - Aberson, Gerard M.; and Ring, Gerard J. F., 4,548,847, Cl. 428-74.000.
  - Ali Khan, Mir I.; and Schmidt, Richard J., 4,548,856, Cl. 428-171.000.
  - Allison, John P., 4,531,945, Cl. 604-378.000.
  - Bolick, Martha E., 4,522,624, Cl. 604-385.00R.
  - Clark, Gerald L.; and Ford, Terry P., 4,502,675, Cl. 270-40.000.
  - Damico, Joyce A., 4,500,316, Cl. 604-389.000.
  - Enloe, Kenneth M., 4,501,587, Cl. 604-385.000.
  - Harke, Elwood W.; Sokolowski, Robert C.; and Johnson, Russell L., 4,560,527, Cl. 264-500.000.
  - Jackson, David M., 4,547,195, Cl. 604-359.000.
  - Johnson, Carl W., 4,543,086, Cl. 604-11.000.
  - Keck, Daniel H.; Braun, Ralph V.; and Majors, Mark B., 4,522,863, Cl. 428-196.000.
  - Krause, Charles E.; and Moore, William J., 4,498,944, Cl. 156-205.000.
  - Kuepper, Daniel H.; and Allen, Peter J., 4,543,142, Cl. 156-209.000.
  - Lau, Jark C., 4,526,733, Cl. 264-12.000.
  - Matthews, Billie J.; and Bornslaeger, S. Richard, 4,505,705, Cl. 604-385.000.
  - Meitner, Gary H., 4,493,868, Cl. 428-171.000.
  - Meuli, Michael G., 4,556,596, Cl. 428-152.000.
  - Niethammer, Heinz K.; and Montgomery, Lawrence J., 4,493,116, Cl. 2-69.000.
  - Roeder, Robert J., 4,505,704, Cl. 604-385.000.
  - Ruth-Larson, Dawn; and Nels, James S., 4,535,481, Cl. 2-114.000.
  - Selke, William A.; and Cartwright, William F., 4,542,755, Cl. 131-370.000.
  - Sheldon, Donald A.; Stokes, Bruce G.; Weber, Robert E.; and Greenman, Edwin G., 4,522,967, Cl. 524-377.000.
  - Sigl, Wayne C., 4,527,990, Cl. 604-385.00A.
  - Soerens, Dave A., 4,501,640, Cl. 162-111.000.
  - Sorens, Dave A., 4,528,316, Cl. 524-503.000.
  - Truman, Charles L., 4,523,336, Cl. 2-69.000.
  - Whitehead, Howard A., 4,508,531, Cl. 604-14.000.
  - Whitehead, Howard A., 4,526,825, Cl. 428-74.000.
  - Wolfe, Dexter L., and Peerenboom, Robert J., 4,543,098, Cl. 604-370.000.
- Kimberly-Clark Limited: *See—*
  - Ridgewell, Terence E.; and Vallis, Keith, 4,500,120, Cl. 292-19.000.
- Kimberly Hills, Ltd.: *See—*
  - Wolf, Rodney A.; and Zech, Alan G., 4,527,544, Cl. 126-419.000.
- Kimble, James B.: *See—*
  - Bresson, Clarence R.; Parlman, Robert M.; and Kimble, James B., 4,561,984, Cl. 252-61.000.
  - Eastman, Alan D.; Guillory, Jack P.; Cook, Charles F.; and Kimble, James B., 4,497,971, Cl. 585-658.000.
  - Kukes, Simon G.; and Kimble, James B., 4,555,499, Cl. 502-208.000.
  - Parlman, Robert M.; and Kimble, James B., 4,504,384, Cl. 209-166.000.
- Kimble, Kenneth B.; and Bresson, Clarence R., to Phillips Petroleum Company. Process for producing trithiocarbonic acid esters. 4,528,141, 7-9-85, Cl. 260-455.00B.
- Kimble, Kenneth B.; Bresson, Clarence R.; and Mark, Harold W., to Phillips Petroleum Company. Ore flotation and flotation agents for use therein. 4,533,467, 8-6-85, Cl. 209-167.000.
- Kimble, Kenneth B.; Mark, Harold W.; and Bresson, Clarence R., to Phillips Petroleum Company. Ore flotation and flotation agents for use therein. 4,554,068, 11-19-85, Cl. 209-167.000.
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- Kimble, Kenneth B.: *See—*
  - Bresson, Clarence R.; and Kimble, Kenneth B., 4,518,492, Cl. 209-166.000.
- Kimbrough, Adele R.: *See—*
  - Burns, Edgar; Johnson, James W.; and Kimbrough, Adele R., 4,530,559, Cl. 339-90.00R.
- Kimchi, Yigal: *See—*
  - Vardi, Isaih; Kimchi, Yigal; and Ben-Dror, Jonathan, 4,504,396, Cl. 210-800.000.
  - Vardi, Isaih; Bourne, Joseph; Ben-Dror, Jonathan; and Kimchi, Yigal, 4,522,720, Cl. 210-512.100.
- Kime, James A., to Hydro-Horse, Inc. Pumping apparatus. 4,546,607, 10-15-85, Cl. 60-372.000.
- Kime, James W. Combination foldable table and bench unit. 4,491,363, 1-1-85, Cl. 297-126.000.
- Kimex International Technologies, Inc.: *See—*
  - King, Wladimir S., 4,512,333, Cl. 126-429.000.
- Kimijima, Norio; and Kawazoe, Yuzuru, to Nitsuko Limited. Key telephone equipment and associated method. 4,536,615, 8-20-85, Cl. 179-81.00B.
- Kimishima, Hiroshi: *See—*
  - Matsuda, Yoshihiro; Kimishima, Hiroshi; and Kado, Yoshikazu, 4,520,932, Cl. 209-545.000.
- Kimizuka, Junichi: *See—*
  - Tsukada, Masaharu; Kimizuka, Junichi; and Shimizu, Haruo, 4,496,238, Cl. 355-14.00D.
- Kimizuka, Masanori: *See—*
  - Yamaguchi, Tokundo; Kimizuka, Masanori; and Kawashima, Isao, 4,545,500, Cl. 220-4.00B.
- Kimmel, David J.; and Lauterbach, John H., to AMP Incorporated. Rotary switch with internal rotor interconnecting circuit paths for surface contacts. 4,493,954, 1-15-85, Cl. 200-11.00R.
- Kimmel, Steven A., to Robertshaw Controls Company. Electrical circuit for a cooking apparatus and method of making the same. 4,533,973, 8-6-85, Cl. 361-253.000.
- Kimmelaar, Rudolf J. A.; and Smits, Cornelis A., to Cincinnati Milacron Inc. Adjustable tool mount. 4,547,997, 10-22-85, Cl. 51-168.000.
- Kimmelman, Samuel, to Parker-Hannifin Corporation. Connector adaptor. 4,523,797, 6-18-85, Cl. 339-147.00R.
- Kimmon Manufacturing Co., Inc.: *See—*
  - Onoda, Hajime; and Arakawa, Kunio, 4,548,084, Cl. 73-861.810.
- Kimoto & Co., Ltd.: *See—*
  - Moriya, Takeo; Yamagata, Toshio; and Sugiyama, Yasunori, 4,559,293, Cl. 430-271.000.
- Kimoto, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical disk apparatus. 4,509,154, 4-2-85, Cl. 369-33.000.
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- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, to Asahi Kasei Kogyo Kabushiki Kaisha. Perfluorinated fluorosulfonylalkyleneoxy-2-propanoyl fluoride and hexafluoroepoxide addition compounds. 4,511,518, 4-16-85, Cl. 260-543.00F.
- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, to Asahi Kasei Kogyo Kabushiki Kaisha. Perfluoro vinyl ethers. 4,536,352, 8-20-85, Cl. 260-543.00F.
- Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, to Asahi Kasei Kogyo Kabushiki Kaisha. Fluorinated ether acyl fluorides having alkylthio or alkylsulfone groups. 4,555,369, 11-26-85, Cl. 260-544.00F.
- Kimoto, Manabu, to Nippon Electric Co., Ltd. Information handling apparatus having a high speed instruction-executing function. 4,514,804, 4-30-85, Cl. 364-200.000.
- Kimoto, Manabu, to Nippon Electric Co., Ltd. Timing signal controlled information processing system. 4,524,417, 6-18-85, Cl. 364-200.000.
- Kimoto, Masahiko: *See—*
  - Ochiai, Hideo; Hamane, Masumi; and Kimoto, Masahiko, 4,519,473, Cl. 180-229.000.
- Kimoto, Tetsuo; and Orita, Kiyoshi, to Nippon Steel Corporation. Apparatus for reducing the watt loss of a grain-oriented electromagnetic steel sheet. 4,513,597, 4-30-85, Cl. 72-53.000.
- Kimoto, Tetsuo; Orita, Kiyoshi; and Kuroki, Katsuro, to Nippon Steel Corporation. Method and apparatus for reducing the watt loss of a grain-oriented electromagnetic steel sheet and a grain oriented electromagnetic steel sheet having a low watt loss. 4,548,656, 10-22-85, Cl. 148-111.000.
- Kimoto, Toshifumi; Itami, Teruhiko; Nishimura, Nobuo; and Saitoh, Koichi, to Fuji Xerox Co., Ltd. Thermal and magnetic recording head. 4,520,409, 5-28-85, Cl. 360-59.000.
- Kimoto, Toshifumi; Todoh, Hidemasa; Itami, Teruhiko; and Saitoh, Koichi, to Fuji Xerox Co., Ltd. Thermomagnetic printer. 4,554,557, 11-19-85, Cl. 346-74.400.
- Kimoto, Toshifumi: *See—*
  - Itami, Teruhiko; Kimoto, Toshifumi; Yamasawa, Akira; and Saitoh, Koichi, 4,544,574, Cl. 427-48.000.
  - Nishimura, Nobuo; Itami, Teruhiko; Kimoto, Toshifumi; Tomiyama, Shunsuke; and Saitoh, Koichi, 4,525,723, Cl. 346-74.400.
  - Saitoh, Koichi; Itami, Teruhiko; and Kimoto, Toshifumi, 4,503,438, Cl. 346-74.400.

Yamasawa, Akira; Itami, Teruhiko; and Kimoto, Toshifumi, 4,547,782, Cl. 346-74.400.

Kimoto, Toshifumu: *See—*

Saitoh, Koichi; Horie, Kiyoshi; Itami, Teruhiko; and Kimoto, Toshifumu, 4,558,327, Cl. 346-74.200.

Kimpara, Hidenori: *See—*

Sugio, Akitoshi; Masu, Masanobu; Matunaga, Masatugu; and Kimpara, Hidenori, 4,503,186, Cl. 525-63.000.

Kimpara, Masaomi; and Suzuki, Munehiro, to American Cyanamid Company. Aqueous-soluble compositions for adjusting growth of ornamental and crop plants. 4,525,200, 6-25-85, Cl. 71-76.000.

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Kimura, Akiyoshi: *See—*

Kitajima, Tadayuki; and Kimura, Akiyoshi, 4,531,831, Cl. 355-57.000.

Kimura Bed Mfg. Company Limited: *See—*

Izumi, Yoshitaka, 4,531,939, Cl. 604-73.000.

Kimura Chemical Plants Co., Ltd.: *See—*

Tajiri, Tadaaki; and Nishizawa, Hitoshi, 4,532,118, Cl. 423-226.000.

Kimura, Etsuji; Ogi, Katsumi; and Sato, Kazusuke, to Mitsubishi Kinzoku Kabushiki Kaisha. Apparatus for preparing high melting point high toughness metals. 4,508,322, 4-2-85, Cl. 266-149.000.

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Kimura, Fumihiko: *See—*

Yamamoto, Hisao; Kimura, Fumihiko; and Ogiso, Osamu, 4,561,987, Cl. 252-8.900.

Kimura, Fumio; and Haga, Takahiro, to Ishihara Sangyo Kaisha, Ltd. Phenoxypyridine useful as a herbicide. 4,493,730, 1-15-85, Cl. 71-94.000.

Kimura, Fumio: *See—*

Noguchi, Koji; Asanae, Masumi; and Kimura, Fumio, 4,518,673, Cl. 430-108.000.

Kimura, Hajime: *See—*

Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, 4,541,903, Cl. 204-28.000.

Kimura, Haruo: *See—*

Fujita, Teizo; and Kimura, Haruo, 4,499,352, Cl. 200-296.000.

Kimura, Hidetoshi, to Murata Kikai Kabushiki Kaisha. Yarn splicing device for spun yarns. 4,549,392, 10-29-85, Cl. 57-22.000.

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Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.

Mochizuki, Taketoshi; Kudo, Mituo; Senshu, Takao; and Kimura, Hideyuki, 4,528,823, Cl. 62-324.600.

Yamada, Keiichi; and Kimura, Hideyuki, 4,537,170, Cl. 123-449.000.

Kimura, Hiroshi; Hisajima, Masahiko; and Shigemura, Yutaka, to Mita Industrial Co., Ltd. Copy paper supply system for a transfer type electrostatic copying apparatus. 4,505,571, 3-19-85, Cl. 355-3.0SH.

Kimura, Hiroshi, to Toshiba Silicone Co., Ltd. Preparation of polymethylsilsesquioxane. 4,528,390, 7-9-85, Cl. 556-450.000.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, to Mita Industrial Co., Ltd. Mount for a rotating drum and a developer within an electrostatic copying apparatus. 4,530,588, 7-23-85, Cl. 355-3.0DR.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, to Mita Industrial Co., Ltd. Electrostatic copying apparatus. 4,533,233, 8-6-85, Cl. 355-8.000.

Kimura, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Heat storage material. 4,540,502, 9-10-85, Cl. 252-70.000.

Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, to Toshiba Silicone Co., Ltd. Composition for coating. 4,555,545, 11-26-85, Cl. 524-858.000.

Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, to Toshiba Silicone Co., Ltd. Method for making novel copolymer. 4,555,559, 11-26-85, Cl. 528-16.000.

Kimura, Hiroshi: *See—*

Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, 4,507,260, Cl. 376-249.000.

Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.

Minami, Shunji; and Kimura, Hiroshi, 4,513,725, Cl. 123-511.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, 4,519,702, Cl. 355-51.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, 4,551,009, Cl. 355-15.000.

Takaku, Kazuo; Naruse, Akisuke; Fujimoto, Hirotsugu; and Kimura, Hiroshi, 4,518,560, Cl. 376-245.000.

Kimura, Hiroyuki; Yazaki, Mutsunobu; Taka, Hideo; and Masunaga, Makoto, to Canon Kabushiki Kaisha. Automatic rewinding device for film in camera. 4,494,842, 1-22-85, Cl. 354-173.110.

Kimura, Hiroyuki, to Canon Kabushiki Kaisha. Camera. 4,504,131, 3-12-85, Cl. 354-173.100.

Kimura, Hiroyuki; Iso, Yoshimi; Inoue, Shigeki; Takeuchi, Takashi; and Ohashi, Shin-ichi, to Hitachi, Ltd. Playback speed control system. 4,532,561, 7-30-85, Cl. 360-73.000.

Kimura, Hiroyuki: *See—*

Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, 4,562,549, Cl. 364-486.000.

Yamada, Tateo; Kimura, Hiroyuki; and Taka, Hideo, 4,542,865, Cl. 242-205.000.

Kimura, Katsuhiko: *See—*

Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.

Shioya, Toshio; and Kimura, Katsuhiko, 4,516,555, Cl. 123-470.000.

Kimura, Katsuhiro: *See—*

Endo, Akira; and Kimura, Katsuhiro, 4,527,160, Cl. 343-8.000.

Kimura, Katsuji, to Nippon Electric Co., Ltd. Receiver including FET frequency mixer. 4,541,122, 9-10-85, Cl. 455-236.000.

Kimura, Kazuaki: *See—*

Minami, Masana; Tamaki, Hiroshi; Sasaki, Tsuneo; and Kimura, Kazuaki, 4,507,647, Cl. 340-347.00P.

Minami, Masana; Kimura, Kazuaki; Kondo, Masayuki; and Sasaki, Tsuneo, 4,529,964, Cl. 340-347.00P.

Kimura, Kazuhiko: *See—*

Nakano, Jun; Nakanishi, Teruo; and Kimura, Kazuhiko, 4,515,977, Cl. 549-468.000.

Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori, 4,532,202, Cl. 430-552.000.

Kimura, Kazuo; Taneda, Yukinori; Tsuyuki, Shinichi; Suzuki, Shun; Hashimoto, Yoshio; and Sakamoto, Shinichi, to Hitachi Koki Co., Ltd. Apparatus for winding coils in electric machinery. 4,520,965, 6-4-85, Cl. 242-7.05B.

Kimura, Kazuo: *See—*

Kanbe, Rokuro; and Kimura, Kazuo, 4,532,190, Cl. 428-627.000.

Kimura, Kazushige: *See—*

Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, 4,518,464, Cl. 204-1.00T.

Kimura, Kazuyoshi, Toshi Kimura, heirs: *See—*

Suzuki, Akira; Shioya, Yasumi; Watanabe, Norio; and Kimura, Keiichi, deceased, 4,500,427, Cl. 210-608.000.

Kimura, Keiichi: *See—*

Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, 4,523,994, Cl. 210-500.200.

Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, 4,554,362, Cl. 549-352.000.

Kimura, Keiichi, deceased: *See—*

Suzuki, Akira; Shioya, Yasumi; Watanabe, Norio; and Kimura, Keiichi, deceased, 4,500,427, Cl. 210-608.000.

Kimura, Keizo: *See—*

Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, 4,513,081, Cl. 430-550.000.

Kimura, Kenji, to Olympus Optical Co., Ltd. Motor apparatus using PWM drive currents. 4,491,771, 1-1-85, Cl. 318-254.000.

Kimura, Kenji, to Olympus Optical Co., Ltd. Apparatus for effecting focus control for use in optical disc player. 4,492,856, 1-8-85, Cl. 250-201.000.

Kimura, Kenji, to Olympus Optical Co., Ltd. Optical disc reproducing apparatus. 4,494,225, 1-15-85, Cl. 369-44.000.

Kimura, Kenji, to Olympus Optical Co., Ltd. Technique for controlling tracking in an optical disc apparatus. 4,497,048, 1-29-85, Cl. 369-46.000.

Kimura, Kenji, to Olympus Optical Co., Ltd. Optical disc reproducing apparatus. 4,498,110, 2-5-85, Cl. 358-342.000.

Kimura, Kenji, to Olympus Optical Co., Ltd. Television signal recording and reproducing apparatus. 4,507,686, 3-26-85, Cl. 358-310.000.

Kimura, Kenji, to Olumpus Optical Co., Ltd. Video recording system. 4,517,611, 5-14-85, Cl. 360-33.100.

Kimura, Kenji, to Olympus Optical Co., Ltd. Method and apparatus for detecting tracking error. 4,531,206, 7-23-85, Cl. 369-44.000.

Kimura, Kenji; and Nishikawa, Masayasu, to Honda Giken Kogyo Kabushiki Kaisha. Lubricating arrangement in valve mechanism of an overhead camshaft engine. 4,537,166, 8-27-85, Cl. 123-90.360.

- Kimura, Kenji, to Olympus Optical Co., Ltd. Data recording/reproducing apparatus. 4,541,020, 9-10-85, Cl. 360-22.000.
- Kimura, Kenji, to Olympus Optical Co., Ltd. Tracking error detecting device for disc-type video signal recorder/reproducer. 4,542,415, 9-17-85, Cl. 358-342.000.
- Kimura, Kenji, to Olympus Optical Co., Ltd. Video signal recording apparatus. 4,546,391, 10-8-85, Cl. 360-19.100.
- Kimura, Kenji: *See*—
  - Enomoto, Masaru; Kimura, Kenji; and Kawada, Keiichi, 4,519,364, Cl. 123-432.000.
  - Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, 4,518,863, Cl. 250-578.000.
  - Tanaka, Shunpei; and Kimura, Kenji, 4,554,595, Cl. 358-328.000.
- Kimura, Kenzi; and Kanda, Hiroyuki, to Midori-Anzen Industry Co., Ltd. Split type zero-phase transformer with holder for mounting on an electrical cable. 4,527,140, 7-2-85, Cl. 336-175.000.
- Kimura, Kiyoshi; Morita, Iwao; and Morimura, Seiichiro, to Nippon Shinyaku Co., Ltd. Antihypertensive phosphono derivatives of hantzsch dihydropyridines. 4,535,073, 8-13-85, Cl. 514-89.000.
- Kimura, Kiyoshi, to Alps Electric Co., Ltd. Touch system coordinates input apparatus. 4,550,384, 10-29-85, Cl. 364-556.000.
- Kimura, Kiyoshi: *See*—
  - Miwa, Tadashi; Kimura, Kiyoshi; Okamoto, Yukio; and Tarumi, Noriyoshi, 4,531,825, Cl. 355-3.0TR.
  - Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, 4,518,976, Cl. 346-153.100.
  - Tarumi, Noriyoshi; Kimura, Kiyoshi; and Iwahashi, Haruo, 4,531,827, Cl. 355-14.00R.
  - Tarumi, Noriyoshi; Kimura, Kiyoshi; and Gunji, Kouichi, 4,542,978, Cl. 355-3.0TR.
- Kimura, Kouhei: *See*—
  - Terano, Minoru; Kimura, Kouhei; Murai, Atsushi; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,562,173, Cl. 502-127.000.
- Kimura, Kunio: *See*—
  - Nishino, Atsushi; Ikeda, Masaki; Kimura, Kunio; and Oyabu, Hajime, 4,493,900, Cl. 501-26.000.
  - Nishino, Atsushi; Kimura, Kunio; Sonetaka, Kazunori; and Iketani, Yukiyoshi, 4,519,807, Cl. 44-15.00R.
- Kimura, Mamoru: *See*—
  - Otake, Etsuo; Kimura, Mamoru; Yokota, Hiromu; and Kanematu, Tetuo, 4,521,251, Cl. 106-183.000.
- Kimura, Masahiro; Hayashi, Yoshitaka; and Yoshida, Ryohei, to Matsushita Electric Industrial Co., Ltd. Shredder with increased reversed unlocking torque. 4,545,537, 10-8-85, Cl. 241-36.000.
- Kimura, Masami: *See*—
  - Yokozeki, Shinichi; Kimura, Masami; and Tsukagoshi, Tsunehiro, 4,518,443, Cl. 148-400.000.
- Kimura, Masanobu: *See*—
  - Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, 4,506,545, Cl. 73-119.00A.
- Kimura, Masashi: *See*—
  - Miura, Kunihiko; Takano, Shouji; and Kimura, Masashi, 4,534,642, Cl. 355-14.00E.
- Kimura, Masato: *See*—
  - Kanto, Noriharu; Hosaka, Yukihiro; Sasaki, Yoshio; Kuramoto, Tatsuo; and Kimura, Masato, 4,555,914, Cl. 62-380.000.
- Kimura, Masatoshi: *See*—
  - Abe, Fumitaka; Kimura, Masatoshi; Watanabe, Toshihiko; and Yamada, Hiroshi, 4,540,272, Cl. 355-4.000.
- Kimura, Minoru; and Takahashi, Hisamitsu, to Mitsubishi Denki Kabushiki Kaisha. Ebullition cooled transformer. 4,502,032, 2-26-85, Cl. 336-58.000.
- Kimura, Mitsutoshi; and Morita, Masayuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Operating circuit for electric discharge lamp. 4,550,272, 10-29-85, Cl. 315-86.000.
- Kimura, Ryoji: *See*—
  - Nakahara, Yutaka; and Kimura, Ryoji, 4,540,728, Cl. 524-100.000.
- Kimura, Ryosuke: *See*—
  - Shibata, Yoichi; Kimura, Ryosuke; Sumigama, Takashi; and Izumi, Masaro, 4,515,350, Cl. 266-92.000.
- Kimura, Seiji: *See*—
  - Nishida, Susumu; Fuchigami, Tadashi; Kimura, Seiji; Kishi, Shunsaku; and Kobayashi, Akio, 4,527,624, Cl. 165-184.000.
- Kimura, Shigeo; Somezawa, Masashi; Hinoto, Yuji; and Yoshioka, Hiroshi, to Sony Corporation; and Shin-Etsu Chemical Co., Ltd. Magnetic recording medium. 4,501,801, 2-26-85, Cl. 428-447.000.
- Kimura, Shigeru: *See*—
  - Nakama, Daiji; and Kimura, Shigeru, 4,526,333, Cl. 248-73.000.
  - Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
- Kimura, Shirou: *See*—
  - Sakurai, Shigenori; Kamo, Takashi; Furutani, Toshinobu; Kimura, Shirou; Torisu, Yoshio; and Okazaki, Mari, 4,514,277, Cl. 204-424.000.
  - Sakurai, Shigenori; Kamo, Takashi; and Kimura, Shirou, 4,553,424, Cl. 73-27.00R.
- Kimura, Shizuko, legal representative: *See*—
  - Tsuge, Takeyoshi; Torisawa, Yoshihiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,469, Cl. 400-119.000.
  - Tsuge, Takeyoshi; Torisawa, Yoshiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,472, Cl. 400-124.000.
- Kimura, Shogo; and Takahashi, Haruo, to Sanden Corporation. Refrigerant compressor with mechanism for adjusting capacity of the compressor. 4,502,844, 3-5-85, Cl. 417-275.000.
- Kimura, Shuichi; and Katsuyama, Akira, to Sony Corporation. Device for rapidly moving an optical pick-up device in an optical reproducing apparatus to a desired position on a record disc. 4,495,608, 1-22-85, Cl. 369-33.000.
- Kimura, Shuichi; and Katsuyama, Akira, to Sony Corporation. Control circuitry for preliminary focusing of light on a record medium surface in an optical reproducing apparatus. 4,512,003, 4-16-85, Cl. 369-45.000.
- Kimura, Sosaku: *See*—
  - Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, 4,536,993, Cl. 51-165.800.
- Kimura, Tadakatsu: *See*—
  - Makabe, Takayoshi; Kuraishi, Yoshiaki; Nakayama, Kenji; and Kimura, Tadakatsu, 4,498,063, Cl. 333-173.000.
- Kimura, Tadashi, to Olympus Optical Co., Ltd. Microscope objective. 4,501,474, 2-26-85, Cl. 350-414.000.
- Kimura, Tadashi: *See*—
  - Nakamura, Toshiyuki; Inaba, Tsutomu; and Kimura, Tadashi, 4,496,293, Cl. 417-371.000.
- Kimura, Takahiko: *See*—
  - Takao, Mitsunori; and Kimura, Takahiko, 4,509,477, Cl. 123-339.000.
  - Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuji, 4,522,176, Cl. 123-339.000.
  - Takao, Mitsunori; and Kimura, Takahiko, 4,545,355, Cl. 123-489.000.
  - Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuzi, 4,549,512, Cl. 123-339.000.
  - Takao, Mitsunori; Kimura, Takahiko; and Omori, Norio, 4,553,518, Cl. 123-478.000.
- Kimura, Takao; and Nagaoka, Yoshinobu, to Mitsubishi Petrochemical Co., Ltd. Method for producing crosslinked foam. 4,552,708, 11-12-85, Cl. 264-53.000.
- Kimura, Takashi; Mochiji, Kozo; and Obayashi, Hidehito, to Hitachi, Ltd. X-Ray lithographic system. 4,514,857, 4-30-85, Cl. 378-034.000.
- Kimura, Takashi, to Canon Kabushiki Kaisha. Detachably connectible video camera video recorder. 4,547,815, 10-15-85, Cl. 358-335.000.
- Kimura, Takashi: *See*—
  - Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, 4,492,991, Cl. 360-70.000.
- Kimura, Takeo: *See*—
  - Kuboyama, Keiji; Matsui, Takeki; and Kimura, Takeo, 4,539,178, Cl. 420-555.000.
  - Minemura, Norihiro; Kimura, Takeo; and Mitsui, Yoshiaki, 4,497,095, Cl. 26-2.00R.
- Kimura, Tetsuo; Fujii, Hirofumi; Yuasa, Hayami; and Yonezawa, Tatuo, to Nittan Company, Limited. Smoke detector. 4,524,351, 6-18-85, Cl. 340-629.000.
- Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, to Nittan Company, Limited. Fire alarm system. 4,525,700, 6-25-85, Cl. 340-518.000.
- Kimura, Tetsuo, to Nittan Company, Limited. Fire detector. 4,538,137, 8-27-85, Cl. 340-512.000.
- Kimura, Tetsuo, to Nittan Company, Limited. Signal transmission system for fire alarm junction line. 4,550,306, 10-29-85, Cl. 340-310.00R.
- Kimura, Tetsuo, to Nittan Company, Limited. Fire detecting system. 4,550,313, 10-29-85, Cl. 340-584.000.
- Kimura, Tetsuo: *See*—
  - Suzuki, Takashi; Kimura, Tetsuo; and Tanaka, Seiichi, 4,505,600, Cl. 374-170.000.
  - Tanaka, Hiroshi; Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,518,952, Cl. 340-514.000.
- Kimura, Tomio: *See*—
  - Nakai, Mamoru; Ohshima, Tokio; Kimura, Tomio; Omata, Tetsuo; and Iwamoto, Noritada, 4,497,957, Cl. 548-496.000.
- Kimura, Tomoaki; and Miyakozawa, Keiji, to Hitachi, Ltd. Rolling mill. 4,491,005, 1-1-85, Cl. 72-201.000.
- Kimura, Tomoaki, to Hitachi, Ltd. Continuous sheet metal casting device. 4,505,319, 3-19-85, Cl. 164-432.000.
- Kimura, Tomohiko: *See*—
  - Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.
- Kimura, Toshihiko; Kaneko, Yutaka; and Sasaki, Takashi, to Konishiroku Photo Industry Co., Ltd. Silver halide photographic light-sensitive material. 4,551,422, 11-5-85, Cl. 430-551.000.
- Kimura, Toshihiko: *See*—
  - Koboshi, Shigeharu; Ishikawa, Masao; Kobayashi, Kazuhiro; Kimura, Toshihiko; and Higuchi, Moeko, 4,518,680, Cl. 430-393.000.
  - Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, 4,562,146, Cl. 430-546.000.
- Kimura, Toshihiro; Takasaki, Kazuhiro; Harima, Hiroshi; and Yoshioka, Yoshihiro, to C. I. Kasei Co. Ltd.; and Kuraray Isoprene Chemical Co. Ltd. Compression-resistant water-swellable rubber composition and watertight sealing material comprising the same. 4,532,298, 7-30-85, Cl. 525-96.000.
- Kimura, Tsuneo: *See*—
  - Ishizaki, Takaharu; Kimura, Tsuneo; and Yamazaki, Shingo, 4,509,954, Cl. 44-62.000.

- Kimura, Tsutomu: *See—*
  - Tsuchiya, Takeshi; Samejima, Shuji; and Kimura, Tsutomu, 4,557,492, Cl. 277-216.000.
- Kimura, Tsutomu, deceased: *See—*
  - Tsuge, Takeyoshi; Torisawa, Yoshihiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,469, Cl. 400-119.000.
  - Tsuge, Takeyoshi; Torisawa, Yoshiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,472, Cl. 400-124.000.
- Kimura, Tutomu; Tsuge, Takeyoshi; Torisawa, Yoshihiro; and Makino, Ayumu, to Tokyo Electric Co., Ltd. Ink-dot printer with magnetic ink attracting and retention preventing means. 4,562,446, 12-31-85, Cl. 346-140.00R.
- Kimura, Yasuhiko: *See—*
  - Morimoto, Ikuhisa; Kimura, Yasuhiko; and Nakamura, Masaaki, 4,529,259, Cl. 339-155.00L.
- Kimura, Yoshiaki; Nozu, Taketo; and Tanaka, Yasuhiko, to Konishiroku Photo Industry Co., Ltd. Ink jet printing head. 4,521,788, 6-4-85, Cl. 346-140.00R.
- Kimura, Yoshiaki; and Tanaka, Yasuhiko, to Konishiroku Photo Industry Co., Ltd. Purging system for ink jet recording apparatus. 4,558,326, 12-10-85, Cl. 346-1.100.
- Kimura, Yoshiharu: *See—*
  - Taniguchi, Isoji; and Kimura, Yoshiharu, 4,514,555, Cl. 528-9.000.
  - Taniguchi, Isoji; Kimura, Yoshiharu; and Ichimura, Toshiaki, 4,533,712, Cl. 528-9.000.
- Kimura, Yoshimasa: *See—*
  - Komiya, Yutaka; Kimura, Yoshimasa; and Murakami, Koichi, 4,497,568, Cl. 355-14.00R.
- Kimura, Yoshinobu: *See—*
  - Hayashi, Mikio; Kawasumi, Kouzi; and Kimura, Yoshinobu, 4,540,252, Cl. 350-634.000.
- Kimura, Yoshio: *See—*
  - Taya, Akira; Narita, Kazuo; Asada, Masao; and Kimura, Yoshio, 4,500,443, Cl. 252-301.40P.
- Kimura, Yutaka, to Kabushiki Kaisha Universal. Ball shooting apparatus for pinball game machine. 4,557,483, 12-10-85, Cl. 273-129.00S.
- Kin, Lai: *See—*
  - Thaler, Arnold; Friedson, David; and Kin, Lai, 4,492,241, Cl. 132-37.00R.
  - Thaler, Arnold; and Kin, Lai, 4,542,284, Cl. 219-506.000.
- Kin, Niles: *See—*
  - Hubbard, James R.; Pelensky, Joseph; and Kin, Niles, 4,497,468, Cl. 251-117.000.
- Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, to Fuji Electric Co., Ltd.; and Fuji Electric Corporate Research & Development, Ltd. Electrophotographic process. 4,522,904, 6-11-85, Cl. 430-54.000.
- Kinard, Dean P.: *See—*
  - Coulson, Richard L.; Blickenstaff, Ronald L.; Dodd, P. David; Moreno, Robert J.; and Kinard, Dean P., 4,503,501, Cl. 364-300.000.
- Kinard, George P., to Core-Form. Channel and foam block wall construction. 4,532,745, 8-6-85, Cl. 52-251.000.
- Kinard, John M.: *See—*
  - Cusey, Dar L.; and Kinard, John M., 4,542,383, Cl. 343-903.000.
- Kinard, Michael D.: *See—*
  - Bohannon, William D., Jr.; Collins, Roy P.; Kinard, Michael D.; and Weinraub, William C. L., 4,557,560, Cl. 350-96.230.
- Kinas, Henry, to Societe Anonyme H.K. France. Device for reproducing coded keys. 4,551,046, 11-5-85, Cl. 409-82.000.
- Kinashi, Hiroshi: *See—*
  - Imanaka, Yoshiaki; and Kinashi, Hiroshi, 4,540,270, Cl. 355-3.00R.
- Kinashi, Keizo: *See—*
  - Yoneda, Naoto; Kato, Jyoji; Hayashi, Kimiaki; Ochiai, Takashi; and Kinashi, Keizo, 4,508,727, Cl. 514-398.000.
- Kinast, Gunther, to Bayer Aktiengesellschaft. Intermediate products for the preparation of Z-cephalosporins. 4,500,716, 2-19-85, Cl. 548-196.000.
- Kinast, Karlheinz: *See—*
  - Wiegard, Klaus; Kinast, Karlheinz; Kleinekathofer, Wolfgang; and Tank, Eggert, 4,551,396, Cl. 428-678.000.
- Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, to Nippondenso Co., Ltd.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Torque transmission system. 4,515,575, 5-7-85, Cl. 474-13.000.
- Kinberg, Benjamin. Toy eye construction. 4,507,099, 3-26-85, Cl. 446-389.000.
- Kinch, Michael A.: *See—*
  - Beck, Jeffrey D.; Schaake, Herbert F.; Tregilgas, John H.; and Kinch, Michael A., 4,507,160, Cl. 148-191.000.
  - Tregilgas, John H.; Beck, Jeffrey D.; Kinch, Michael A.; and Schaake, Herbert F., 4,501,625, Cl. 148-20.300.
- Kincheloe, Dan, to Kim-Kee Enterprises. Baby car seat. 4,500,135, 2-19-85, Cl. 297-250.000.
- Kinde, Ronald: *See—*
  - Reinhard, George G.; Kinde, Ronald; and Singer, Bernard S., 4,517,926, Cl. 123-3.000.
- Kinder, Greever C., to Clinch River Corporation. Vibrating screening apparatus. 4,519,902, 5-28-85, Cl. 209-234.000.
- Kinder, Reiner; Teubel, Johannes; Schuster, Herbert; and Fanslau, Christine, to Institut For Energetik Zentralstelle Fur Rationelle Energieanwendung. Process for manufacturing hydrophobic adsorbents. 4,544,650, 10-1-85, Cl. 502-424.000.
- Kinderman, Gerard H.; and Sanders, James F., to Minnesota Mining and Manufacturing Company. Lithographic fountain concentrate. 4,530,721, 7-23-85, Cl. 106-2.000.
- Kindermann, Peter. Sail rig for bicycle. 4,557,495, 12-10-85, Cl. 280-213.000.
- Kindermann, Robert: *See—*
  - Haussel, Werner; Roppelt, Gunter; and Kindermann, Robert, 4,510,444, Cl. 324-121.00R.
- Kindersley, Peter G.; and Pyysalo, Matti O., to Neles Inc. Ball valve assembly with expandable valve element. 4,556,197, 12-3-85, Cl. 251-315.000.
- Kindgren, Lee; Scott, William B.; and Voges, Robert W., to W. A. Whitney Corp. Hole forming machine with adjustable work clamps. 4,523,749, 6-18-85, Cl. 269-32.000.
- Kindig, Alan L., to General Electric Company. Automatic system for compressing coil turns and inserting insulators in slots of a slotted stator core. 4,557,042, 12-10-85, Cl. 29-734.000.
- Kindig, Cleon V., deceased: *See—*
  - Kindig, Morris L.; Kindig, Cleon V., deceased; and Kindig, Eunice L., executrix, 4,551,948, Cl. 51-98.00R.
- Kindig, Eunice L., executrix: *See—*
  - Kindig, Morris L.; Kindig, Cleon V., deceased; and Kindig, Eunice L., executrix, 4,551,948, Cl. 51-98.00R.
- Kindig, Morris L.; Kindig, Cleon V., deceased; and by Kindig, Eunice L., executrix. Glass shaping machine. 4,551,948, 11-12-85, Cl. 51-98.00R.
- Kindig, Neal B.: *See—*
  - Filley, Giles F.; and Kindig, Neal B., 4,548,817, Cl. 424-127.000.
- Kindl, Erwin: *See—*
  - Hammer, Klaus-Dieter; Winter, Hermann; Kindl, Erwin; and Luchterhand, Heinz, 4,543,282, Cl. 428-36.000.
- Kindle, Edwin: *See—*
  - Gassner, Theo; Hann, Bruno; and Kindle, Edwin, 4,554,861, Cl. 91-446.000.
- Kindlein, Irmgard: *See—*
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,554,715, Cl. 28-107.000.
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,555,424, Cl. 428-91.000.
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,555,425, Cl. 428-91.000.
- Kindler, Gerhard, to Inventio AG. Drive control for a transportation system, especially an elevator. 4,493,398, 1-15-85, Cl. 187-29.00R.
- Kindler, Robert I.: *See—*
  - Dennison, William G.; Horr, Kenneth R.; and Kindler, Robert I., 4,525,694, Cl. 335-132.000.
- Kindler, Ulrich, to U.S. Philips Corporation. Arrangement for the suppression of signal interference. 4,561,068, 12-24-85, Cl. 364-825.000.
- Kindler, Wolfgang: *See—*
  - Fettweis, Ewald; and Kindler, Wolfgang, 4,497,315, Cl. 128-78.000.
- Kindlmann, Peter J.; Yarwood, John C.; Ungarean, Gary L.; and Tyler, Derek E., to Olin Corporation. Process and apparatus for synchronized electromagnetic casting of multiple strands. 4,495,981, 1-29-85, Cl. 164-452.000.
- Kindlmann, Peter J.; Ungarean, Gary L.; Yarwood, John C.; and Tyler, Derek E., to Olin Corporation. Determination of liquid-solid interface and head in electromagnetic casting. 4,495,983, 1-29-85, Cl. 164-452.000.
- Kindlmann, Peter J., to Timex Corporation. Drive circuit for capacitive electroluminescent panels. 4,527,096, 7-2-85, Cl. 315-169.300.
- Kinds Industri AB: *See—*
  - Lunding, Thorkild, 4,493,743, Cl. 156-555.000.
- Kindsvater, James P.: *See—*
  - Sugden, David B.; Waddell, Bruce A.; Kindsvater, James P.; and Moffat, Robert B., 4,548,442, Cl. 299-10.000.
- Kindt, Robert J., to Eastman Kodak Company. Sheet deceleration apparatus. 4,513,959, 4-30-85, Cl. 271-270.000.
- Kindt, Warren W.: *See—*
  - Ebert, William R.; Hom, Foo S.; and Kindt, Warren W., 4,532,126, Cl. 424-48.000.
- Kinergy Corporation: *See—*
  - Dumbaugh, George D., 4,492,629, Cl. 209-332.000.
- Kinetic Technology International Corp.: *See—*
  - Minet, Ronald G.; Dente, Mario; Ranzi, Eliseo; and Sunny H. K., 4,520,217, Cl. 585-415.000.
- Kinetronic Industries, Inc.: *See—*
  - D'Antonio, Nicholas F.; Knabel, Walter; and Stempfhuber, Lorenz, 4,496,168, Cl. 280-612.000.
- Kinetronics Corporation: *See—*
  - Stelcher, William N.; and Murdock, Michael J., 4,497,420, Cl. 221-13.000.
- Kinex Corporation: *See—*
  - Nordling, Karl I., 4,514,825, Cl. 364-900.000.
- King, A. Douglas, Jr.: *See—*
  - Schade, John E.; and King, A. Douglas, Jr., 4,535,248, Cl. 250-459.100.
- King, Alex C. Electro-hydraulic engine throttle control. 4,549,400, 10-29-85, Cl. 60-394.000.
- King, Allen D., Jr.; King, R. Bruce; and Linn, Donald E., Jr., to University of Georgia Research Foundation, Inc. Photogeneration of active formate decomposition catalysts from transition metal complexes

- containing manganese and the production of hydrogen. 4,507,185, 3-26-85, Cl. 204-157.10R.
- King, Arthur S. Mechanism for recovering and collecting extracted polar liquids. 4,507,193, 3-26-85, Cl. 204-302.000.
- King, Arthur S. Liquid treater having hinge-action cleaning brushes. 4,551,217, 11-5-85, Cl. 204-212.000.
- King, Bernard G.: *See—*
  - Candy, James C.; and King, Bernard G., 4,491,982, Cl. 455-607.000.
- King, C. Judson; and MacKenzie, Patricia D., to United States of America, Energy. Process for removal of ammonia and acid gases from contaminated waters. 4,547,293, 10-15-85, Cl. 210-638.000.
- King, Charles, to Courser, Incorporated. Electro-optical level detector 4,524,282, 6-18-85, Cl. 250-577.000.
- King, Charles: *See—*
  - Scott, John T.; and King, Charles, 4,522,860, Cl. 428-132.000.
- King, Charles L.: *See—*
  - Harris, Robert D., Jr.; Parker, James P.; and King, Charles L., 4,552,603, Cl. 156-167.000.
- King, Charles S.; and Poole, Joseph J., to BL Technology Limited. Cylinder head for spark ignition internal combustion engine. 4,553,515, 11-19-85, Cl. 123-308.000.
- King, Christopher J. H., to Monsanto Company. Divided electrochemical cell assembly. 4,500,403, 2-19-85, Cl. 204-255.000.
- King, Clarence J., to Straits Steel & Wire Co. Rack with detachable dividers. 4,560,073, 12-24-85, Cl. 211-184.000.
- King, Clifford P.; and Pierce, Trudy L. Security system for storage tanks. 4,526,301, 7-2-85, Cl. 222-153.000.
- King, David A.: *See—*
  - Dunn, Philip; and King, David A., 4,544,200, Cl. 297-265.000.
- King, David E.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., to International Business Machines Corporation. Method for providing an electroless copper plating bath in the take mode. 4,534,797, 8-13-85, Cl. 106-1.230.
- King, David P.: *See—*
  - Barker, Robert I.; King, David P.; and Pawlowski, Henry A., 4,552,025, Cl. 73-846.000.
- King, Dennis M.: *See—*
  - Earleson, Walter E.; King, Dennis M.; and Moncelle, Michael E., 4,498,016, Cl. 290-40.00R.
- King, Derrick O.: *See—*
  - Braithwaite, John D.; King, Derrick O.; and Williams, Sidney J., 4,552,477, Cl. 401-188.00R.
- King Design, Inc.: *See—*
  - Robinson, Larry G.; and King, Edward C., 4,507,888, Cl. 40-621.000.
- King, Donald L.; Ruff, Robert O.; and Schwarz, Ernest D., II, to American Standard Inc. Hinge preparation assembly for a steel door. 4,547,930, 10-22-85, Cl. 16-382.000.
- King, Donald R.: *See—*
  - Chastain, Charles E.; and King, Donald R., 4,517,905, Cl. 110-346.000.
- King, Donald W.; and Placzek, Terrance M., to A. Duda and Sons, Inc. Process for the manufacture of ethyl alcohol from citrus molasses. 4,503,079, 3-5-85, Cl. 426-54.000.
- King, Eddie W.; and Morgan, Annis R., Jr., to Coca-Cola Company, The. Multiple purchase discount module for a single price vending machine. 4,498,570, 2-12-85, Cl. 194-1.00N.
- King, Eddie W.; Duke, Herman K.; and Summerville, Don S., to Coca-Cola Company, The. Touch selection panel for a vending machine. 4,554,419, 11-19-85, Cl. 200-5.00A.
- King, Edward C.: *See—*
  - Robinson, Larry G.; and King, Edward C., 4,507,888, Cl. 40-621.000.
- King, Edward T.; and Chui, Granger K., to Ford Motor Company. Engine lubrication system. 4,556,024, 12-3-85, Cl. 123-196.0AB.
- King, Francis D., to Beecham Group p.l.c. 1,2,4-Benzothiadiazines. 4,558,044, 12-10-85, Cl. 514-222.000.
- King, Francis D., to Beecham Group p.l.c. Certain N-octahydroindolizinebenzamides and their use in treating psychosis, cardiac arrhythmia and hypertension. 4,559,346, 12-17-85, Cl. 514-299.000.
- King, Francis D.: *See—*
  - Blaney, Francis E.; Hadley, Michael S.; King, Francis D.; and Watts, Eric A., 4,533,498, Cl. 260-243.300.
  - Hadley, Michael S.; and King, Francis D., 4,544,060, Cl. 514-329.000.
- King, Francis G.; and Gable, Stewart V., to Ford Motor Company. Automated manual transmission shifter with electronic control actuators external of the vehicle. 4,554,824, 11-26-85, Cl. 73-117.000.
- King, Francis X.: *See—*
  - Shanklin, Frank G.; and King, Francis X., 4,537,016, Cl. 53-493.000.
- King, Frank: *See—*
  - Thomson, Alasdair I.; and King, Frank, 4,501,685, Cl. 502-167.000.
- King, Frank C., Jr., to Philip Morris Incorporated. Method and apparatus for tipping tobacco leaves packed in bales. 4,532,946, 8-6-85, Cl. 131-327.000.
- King, George R.: *See—*
  - Baker, Edward H.; and King, George R., 4,532,681, Cl. 403-28.000.
- King, George W., to Stackpole Limited. Roll fed labelling machine. 4,544,431, 10-1-85, Cl. 156-256.000.
- King, Harold B.; Masaitis, William; Ippisch, Ernest; and Chinn, Albert E., to General Electric Company. Serialization of elongated members. 4,521,862, 6-4-85, Cl. 364-552.000.
- King, Hewson N. G.; and Beasley, James P., to U.S. Philips Corporation. Method of using an electron beam. 4,503,334, 3-5-85, Cl. 250-491.100.
- King, Homer F., to H. King & Associates, Ltd. Display and storage unit. 4,500,148, 2-19-85, Cl. 312-312.000.
- King, Homer F., to H. King & Associates, Ltd. Display shelf construction. 4,515,279, 5-7-85, Cl. 211-153.000.
- King Instrument Corporation: *See—*
  - Goguen, Louis J., 4,549,925, Cl. 156-506.000.
  - Woodley, George M., 4,497,454, Cl. 242-56.00R.
- King, J. Thomas: *See—*
  - Ataman, Ergin'; and King, J. Thomas, 4,510,618, Cl. 382-54.000.
- King, James: *See—*
  - Tubbs, Paul; and King, James, 4,557,839, Cl. 252-23.000.
- King, James B.: *See—*
  - Raccah, Edward R.; and King, James B., 4,555,232, Cl. 432-222.000.
- King, James D.; and Riewerts, Erroll S., to Southwest Research Institute. Method and apparatus for measuring flow in a pipe or conduit. 4,536,711, 8-20-85, Cl. 324-306.000.
- King, James D.: *See—*
  - De Los Santos, Armando; King, James D.; Rollwitz, William L.; Matzkanin, George A.; and Hornung, Phillip A., 4,514,691, Cl. 324-301.000.
  - Rollwitz, William L.; and King, James D., 4,531,093, Cl. 324-300.000.
- King, James L. In-cassette loading machine. 4,512,904, 4-23-85, Cl. 242-56.00R.
- King, James L.; and Hennessy, John E., to General Electric Company. Method of assembling a dynamoelectric machine. 4,521,953, 6-11-85, Cl. 29-596.000.
- King, James L.; Porter, Marion G.; Angelle, Phillip A.; Circello, Joseph C.; Wilhite, John E.; and Trubisky, Leonard G., to Honeywell Information Systems Inc. Apparatus and method for a data processing unit sharing a plurality of operating systems. 4,530,052, 7-16-85, Cl. 364-200.000.
- King, James L., to General Electric Company. Dynamoelectric machine and stator. 4,544,856, 10-1-85, Cl. 310-71.000.
- King, James L.: *See—*
  - Angelle, Phillip A.; Porter, Marion G.; and King, James L., 4,493,034, Cl. 364-200.000.
- King, James P.; and Tubbs, Paul, to Pennwalt Corporation. Metal salts of 1,2,4-thiadiazole and lubricants containing these metal salts. 4,497,719, 2-5-85, Cl. 252-42.700.
- King, James P., to Pennwalt Corporation. Complex metal chalcogenides. 4,545,973, 10-8-85, Cl. 423-512.00R.
- King, James S., Jr.: *See—*
  - Johnson, Leighton C.; and King, James S., Jr., 4,539,182, Cl. 422-99.000.
- King Jim Co., Ltd.: *See—*
  - Ohminato, Kiyoshi; and Miyamoto, Kenzo, deceased, 4,506,416, Cl. 24-67.00R.
- King, John J.; Sellers, Ralph F.; and Castonguay, Richard N., to Ciba-Geigy Corporation. Modified amine hardener systems. 4,500,582, 2-19-85, Cl. 428-116.000.
- King, John O., Jr.; and King, John O., III. Flush head blind fastener. 4,521,147, 6-4-85, Cl. 411-43.000.
- King, John O., III: *See—*
  - King, John O., Jr.; and King, John O., III, 4,521,147, Cl. 411-43.000.
- King, L. Tony; and Peters, Mark W., to Komax Systems, Inc. Proportioning device. 4,534,655, 8-13-85, Cl. 366-137.000.
- King, Lawrence G.: *See—*
  - Shrum, Kenneth L.; King, Lawrence G.; and Richert, Anton S., 4,529,021, Cl. 144-357.000.
- King, Leonard H.: *See—*
  - Bogner, Richard D., 4,518,969, Cl. 343-819.000.
- King, Lionel W. Assembly system. 4,516,376, 5-14-85, Cl. 52-648.000.
- King, Lorraine. Walking aid, particularly for handicapped persons. 4,510,956, 4-16-85, Cl. 135-67.000.
- King, Lucy W.: *See—*
  - Lertora, Juan J. L.; and King, Lucy W., 4,555,525, Cl. 514-616.000.
- King, Mary K.; White, Roger N.; and Gregory, Paul E., Jr., to Procter & Gamble Company, The. Disposable zoned surgical gown. 4,504,977, 3-19-85, Cl. 2-51.000.
- King, Michael, to CAE Electronics, Ltd. Six degree of freedom hand controller. 4,555,960, 12-3-85, Cl. 74-471.0XY.
- King, Milton T.: *See—*
  - Constien, Vernon G., and King, Milton T., 4,541,935, Cl. 252-8.55R.
- King, Ming L.; Chiang, Chin-Chih; Ling, Han-Chin; Ochiai, Masahito; Fujita, Eiichi; and McPhail, Andrew T. 1H-Cyclopenta[b]benzofuran derivative and its analog. 4,539,414, 9-3-85, Cl. 549-458.000.
- King, Monroe L., to Eaton Corporation. Ion treatment apparatus. 4,514,636, 4-30-85, Cl. 250-443.100.
- King, Olin B., to SCI Systems, Inc. Apparatus and method for recording both machine-readable and printed information. 4,494,127, 1-15-85, Cl. 346-82.000.
- King, Oswald M. Peristaltic pumps. 4,496,295, 1-29-85, Cl. 417-477.000.
- King, Ottis W. Valve actuator. 4,504,038, 3-12-85, Cl. 251-58.000.
- King, Patrick D., to Flo-Con Systems, Inc. Valve position indicator and method. 4,545,406, 10-8-85, Cl. 137-553.000.
- King, Patrick D.: *See—*
  - Shapland, Earl P.; and King, Patrick D., 4,545,512, Cl. 222-600.000.
- King, Paul E.; and Wilson, Harold C. S., to Hinders-Leslies Limited. Catheter assembly. 4,509,944, 4-9-85, Cl. 604-53.000.
- King, Paul F.: *See—*
  - Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,491,836, Cl. 340-747.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,492,956, Cl. 340-723.000.

Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,496,944, Cl. 340-723.000.

King, Peter F., to Parker Chemical Company. Composition and process for treatment of ferrous substrates. 4,496,404, 1-29-85, Cl. 148-6.14R.

King, R. Bruce: *See—*

King, Allen D., Jr.; King, R. Bruce; and Linn, Donald E., Jr., 4,507,185, Cl. 204-157.10R.

King Radio Corporation: *See—*

Lyall, James R., 4,529,983, Cl. 343-5.00W.

King, Richard A.: *See—*

Frey, G. Robert; Chandler, Gregory M.; and King, Richard A., 4,556,117, Cl. 180-89.130.

King, Richard L.: *See—*

Staplin, Theodore R., Jr.; Bradley, John J.; King, Richard L.; Miller, Robert C.; Miu, Ming T.; and Shen, Jian-Kuo, 4,495,571, Cl. 364-200.000.

King, Richard M.: *See—*

Corrigan, Patrick J.; King, Richard M.; and VanDiest, Scott A., 4,533,648, Cl. 502-38.000.

King, Richard R.: *See—*

Boult, George W.; and King, Richard R., 4,503,866, Cl. 131-84.00C.

King, Roger: *See—*

Miller, Donald S.; and King, Roger, 4,505,617, Cl. 405-211.000.

King, Roger A.; and Arnold, John E., Jr., to Ivy Medical, Inc. Intravenous drip rate control device. 4,493,710, 1-15-85, Cl. 604-250.000.

King-Seeley Thermos Co.: *See—*

Chapman, Jacque W., 4,491,239, Cl. 220-337.000.

Marks, James R., 4,496,087, Cl. 222-638.000.

Nelson, Kenneth L., 4,510,114, Cl. 264-261.000.

Nelson, Kenneth L., 4,527,401, Cl. 62-354.000.

Seltz, Charles L., 4,519,529, Cl. 222-484.000.

Spinner, Joseph R., 4,525,073, Cl. 366-323.000.

Spinner, Joseph R., 4,533,310, Cl. 425-376.00R.

Tarozzi, R. A.; and Formhals, C., 4,550,864, Cl. 222-209.000.

King Seely Thermos Co.: *See—*

Utter, Robert P.; and Tandeski, David A., 4,497,184, Cl. 62-354.000.

King, Shaylor E., to QMP, Inc. Collapsible strut with pivot joint connector. 4,512,600, 4-23-85, Cl. 292-338.000.

King, Stephen W., to Microlife Technics, Inc. Method for converting malic acid to lactic acid in wine. 4,562,077, 12-31-85, Cl. 426-13.000.

King, Taylor: *See—*

Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,496,465, Cl. 252-79.200.

Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,496,466, Cl. 252-79.300.

Whitehurst, Brooks M.; Clemens, Donald F.; King, Taylor; and Whitehurst, Garnett B., 4,530,735, Cl. 156-642.000.

King, Timothy W., to Minnesota Mining and Manufacturing Company. Flexible tape having stripes of electrically conductive particles for making multiple connections. 4,546,037, 10-8-85, Cl. 428-323.000.

King, Warren D.: *See—*

Jennings, Charles E.; Bridges, Charles D.; and King, Warren D., 4,553,589, Cl. 166-53.000.

King, Wayne: *See—*

Flugger, Ray T., 4,550,799, Cl. 181-244.000.

King, William. Reeling device. 4,511,101, 4-16-85, Cl. 242-107.700.

King, William F., to Chevron Research Company. Insecticidal 3-alkyl-5-(alkoxy- or alkylthio-phosphynyl or phosphinothioyl-thiomethyl)-1,2,4-oxadiazoles. 4,533,658, 8-6-85, Cl. 514-92.000.

King, William F., to Chevron Research Company. Pesticidal O-(N-alkoxy-substituted-ortho-fluoro-benzimidoyl)-thiophosphonates. 4,562,180, 12-31-85, Cl. 514-114.000.

King, William R. Particle form evaporation start-up. 4,526,958, 7-2-85, Cl. 528-502.000.

King, William R., to Phillips Petroleum Company. Addition of fillers to the bed of a particle form evaporator. 4,547,976, 10-22-85, Cl. 34-10.000.

King, William R.: *See—*

Elliott, Richard E.; and King, William R., 4,521,590, Cl. 528-502.000.

LaSpisa, Ronald J.; Likins, Merle R., Jr.; and King, William R., 4,498,428, Cl. 122-448.00R.

King, Wladimir S., to Kimex International Technologies, Inc. Solar collector panel and method. 4,512,333, 4-23-85, Cl. 126-429.000.

King, Zelbert D., Jr. Guide roller for feeding electrical wire into conduit. 4,541,615, 9-17-85, Cl. 254-134.3FT.

Kingen, Rickey W.; and Duncan, Robert H., to International Telephone and Telegraph Corporation. Handsfree telephone instrument using digital dial. 4,496,799, 1-29-85, Cl. 179-100.00L.

Kingery, William L. Full-wave rectification of signals generated by radio frequency transmitting circuits. 4,509,202, 4-2-85, Cl. 455-108.000.

Kingsbury, Charles M.; Beckwith, Bruce R.; and Messina, Anthony, to Emhart Industries, Inc. Delivery system for glassware forming machine. 4,507,138, 3-26-85, Cl. 65-158.000.

Kingsbury, Charles M.: *See—*

Abbott, Vaughan; Beckwith, Bruce R.; Kingsbury, Charles M.; Mungovan, John P.; and Mills, Elden H., 4,528,017, Cl. 65-240.000.

Morris, Nicholas G.; Kingsbury, Charles M.; and Beckwith, Bruce R., 4,505,731, Cl. 65-225.000.

Kingsdown Medical Consultants, Limited: *See—*

Steer, Peter L.; and Edwards, John V., 4,518,389, Cl. 604-339.000.

Kingsford-Smith, Charles: *See—*

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Kingsley, Michael L.: *See—*

Snellman, Donald L.; Kingsley, Michael L.; and Pearson, Bernard A., 4,561,647, Cl. 271-296.000.

Kingsley, Warren G.: *See—*

Baltz, Gene F.; and Kingsley, Warren G., 4,542,726, Cl. 123-320.000.

Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., to Xerox Corporation. Multiple mode raster scanner. 4,506,301, 3-19-85, Cl. 358-280.000.

Kingsnorth, Stanley W.: *See—*

Eynon, David L.; Kingsnorth, Stanley W.; and Varma, Mani K., 4,522,687, Cl. 162-336.000.

Kingston, Alan C., to Trenwyth Industries, Inc. Faced masonry units and facing composition therefor. 4,499,142, 2-12-85, Cl. 428-331.000.

Kingston, Charles M.: *See—*

Eby, John E.; and Kingston, Charles M., 4,533,944, Cl. 358-107.000.

Eby, John E.; and Kingston, Charles M., 4,539,587, Cl. 358-107.000.

Kingston, James E. Aerifying device for whirlpool bath or tub. 4,518,325, 5-21-85, Cl. 417-368.000.

Kingston, Michael F. E., to Air Products and Chemicals, Inc. Apparatus for shielding molten metal during teeming. 4,527,718, 7-9-85, Cl. 222-603.000.

Kingston, Richard L.: *See—*

Benusa, John E.; and Kingston, Richard L., 4,525,156, Cl. 604-28.000.

Kingston, Samuel B.; and Evans, Graham, to Ciba-Geigy AG. Photographic material and a process for its manufacture. 4,510,238, 4-9-85, Cl. 430-627.000.

Kington, Alan D.: *See—*

Mills, David; Kington, Alan D.; and Close, Rodney J., 4,516,621, Cl. 164-339.000.

Mills, David; Kington, Alan D.; and Lovell, Philip J., 4,520,117, Cl. 501-107.000.

Mills, David; Lindahl, Anthony T.; and Kington, Alan D., 4,532,974, Cl. 164-132.000.

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Kinishi, Ryoichi: *See—*

Hanayama, Naoki; Kaku, Eisaburo; and Kinishi, Ryoichi, 4,558,335, Cl. 346-209.000.

Kinjo, Hisao; and Ozawa, Keiji, to Victor Company of Japan, Ltd. Reproducing stylus for an information signal recording medium. 4,491,941, 1-1-85, Cl. 369-126.000.

Kinjo, Hisao, to Victor Company of Japan, Ltd. Tracking control system for magnetic video recording and/or reproducing apparatus with tracking signal positions staggered with respect to the positions of tracking signals on adjacent tracks. 4,530,012, 7-16-85, Cl. 358-327.000.

Kinjo, Hisao: *See—*

Wada, Yoshiyo; Goto, Kunio; and Kinjo, Hisao, 4,497,052, Cl. 369-126.000.

Kinjo, Iwao: *See—*

Izumitani, Tetsuro; Takajoh, Toshi; and Kinjo, Iwao, 4,549,895, Cl. 65-134.000.

Kinjyo, Masasige: *See—*

Hayama, Nobuhiro; Kinjyo, Masasige; Okimoto, Haruo; and Matsuda, Ikuo, 4,494,506, Cl. 123-348.000.

Kink, Rein A.: *See—*

Erme, Enn K.; Lepasaar, Tiit P.; Ummer, Jury E.; and Kink, Rein A., 4,523,845, Cl. 356-333.000.

Kinkelaar, Edmund W.; and Pekar, Howard G., to Texo Corporation. Tin plating immersion process. 4,550,037, 10-29-85, Cl. 427-443.100.

Kinkle, Robert W., to Budd Company, The. Extendible and contractible vehicle bulkhead. 4,498,824, 2-12-85, Cl. 410-121.000.

Kinkle, Robert W.: *See—*

McCafferty, Gerald P.; Navoczynski, Stanley J.; and Kinkle, Robert W., 4,498,264, Cl. 52-281.000.

Kinkori, Shuzo: *See—*

Fukami, Yasuhiko; Sawada, Toshiichi; and Kinkori, Shuzo, 4,546,733, Cl. 123-52.0MB.

Kanayama, Kenji; and Kinkori, Shuzo, 4,536,672, Cl. 310-268.000.

Sawada, Toshiichi; Fukami, Yasuhiko; and Kinkori, Shuzo, 4,539,947, Cl. 123-52.00M.

Kinley, Karl S.; and Pratt, Allyn R., to J. C. Kinley Company. Roller arm centralizer. 4,557,327, 12-10-85, Cl. 166-241.000.

Kinman, Darry M.: *See—*

Bowling, Donald R.; Kinman, Darry M.; Afendykiw, Marko; and White, David J., 4,497,030, Cl. 364-481.000.

Kinnamon, Herbert D., to Burks, Loyce O., a part interest. Apparatus for forming adobe bricks and drilling wells. 4,498,857, 2-12-85, Cl. 425-361.000.

Kinnard, Wolcott S. Album assembly. 4,507,885, 4-2-85, Cl. 40-405.000.

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Damman, Ben; Drijver, Jan; Kinneging, Hans; Scheffer, Hans; Stam, Jaap; and de Witte, Paul, 4,501,639, Cl. 159-48.100.

Kinner, Josef: *See—*

Krasser, Fritz; and Kinner, Josef, 4,516,098, Cl. 335-35.000.

Kinnerly, Anthony G.: *See—*

Parkinson, Colin C. A.; and Kinnerly, Anthony G., 4,560,122, Cl. 244-54.000.

Kinnett, James G. Total shoulder prosthesis system. 4,550,450, 11-5-85, Cl. 623-18.000.

Kinney, Daniel C., to United States of America, Air Force. Nickel-cadmium battery conditioner and tester apparatus. 4,517,517, 5-14-85, Cl. 324-433.000.

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Hiraki, Shunichi; Kinoshita, Hiroshi; Kumamaru, Kuniaki; Koguchi, Shigeo; and Yonezawa, Toshio, 4,521,256, Cl. 148-1.500.

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  - Tanaka, Nobuyoshi; and Kinoshita, Takao, 4,499,496, Cl. 358-213.000.
- Kinoshita, Takashi: *See—*
  - Mashimo, Satoshi; Tanaka, Masayuki; and Kinoshita, Takashi, 4,498,891, Cl. 474-205.000.
- Kinoshita, Takeshi: *See—*
  - Itoh, Michio; Tsukamoto, Takehiro; Watanabe, Shuichi; Kinoshita, Takeshi; and Tomita, Seisuke, 4,545,416, Cl. 152-539.000.
- Kinoshita, Taketoshi: *See—*
  - Shimizu, Kimihiro; Nakahara, Tsuguji; and Kinoshita, Taketoshi, 4,495,285, Cl. 435-215.000.
- Kinoshita, Takuji: *See—*
  - Yaguchi, Kenichi; Ichikawa, Masaru; and Kinoshita, Takuji, 4,494,831, Cl. 351-41.000.
- Kinoshita, Tatsuo: *See—*
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- Kinoshita, Teruo, to Misawa Homes Co., Ltd. Heat pump system utilizable for air conditioner, water supply apparatus and the like. 4,545,214, 10-8-85, Cl. 62-160.000.
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- Kinsbron, Eliezer; Lynch, William T.; and Smith, Thomas E., to AT&T Bell Laboratories. Fabrication of FETs. 4,514,893, 5-7-85, Cl. 29-571.000.
- Kinsei Kogyo Co., Ltd.: *See—*
  - Tanigawa, Takatoshi; Yaegashi, Sakari; Nakazawa, Tetsuo; Hatazi, Masahiko; and Nango, Tadao, 4,506,041, Cl. 523-139.000.
- Kinsell, Robert C.: *See—*
  - Wieland, Kurt H.; Spencer, Donald M.; and Kinsell, Robert C., 4,503,683, Cl. 62-86.000.
- Kinsey, James L., to United States of America, Air Force. Flameholder with integrated air mixer. 4,490,973, 1-1-85, Cl. 60-261.000.
- Kinsinger, Richard E., to General Electric Company. Hybrid switching device employing liquid metal contact. 4,500,934, 2-19-85, Cl. 361-3.000.
- Kinsley, Homan B., Jr., to James River Corporation. Process of forming a porous cellulosic paper from a thermal treated cellulosic non-bonding pulp. 4,557,800, 12-10-85, Cl. 162-20.000.
- Kinsley, John P., to Seaquist Valve Company. Snap action hinge with closed position straight straps. 4,545,495, 10-8-85, Cl. 215-235.000.
- Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., to Polaroid Corporation. Photographic sheet processor having large diameter rolling surfaces. 4,514,069, 4-30-85, Cl. 354-304.000.
- Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., to Polaroid Corporation. Method and apparatus for processing discrete sheets of film. 4,519,689, 5-28-85, Cl. 354-304.000.
- Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., to Polaroid Corporation. Method and apparatus for processing both sides of discrete sheets. 4,561,745, 12-31-85, Cl. 354-299.000.
- Kinsolving, C. Richard, to Pennwalt Corporation. Use of undecylenic acid to treat herpes labialis. 4,520,132, 5-28-85, Cl. 514-560.000.
- Kinsolving, Clyde R.: *See—*
  - Georgiev, Vassil S.; and Kinsolving, Clyde R., 4,557,865, Cl. 260-239.30T.
  - Griffith, Ronald C.; and Kinsolving, Clyde R., 4,537,908, Cl. 514-659.000.
- Kintaka, Kazuhiko: *See—*
  - Imada, Akira; Kintaka, Kazuhiko; and Shinagawa, Susumu, 4,504,655, Cl. 536-18.700.
- Kinter, Mark D.: *See—*
  - Fortman, Lloyd D.; and Kinter, Mark D., 4,557,739, Cl. 55-320.000.
- Kintner, Michael H., to Medtech Plastics, Inc. Control syringe. 4,516,969, 5-14-85, Cl. 604-187.000.
- Kintz, Glenn W. Rack attachment for game tables. 4,553,750, 11-19-85, Cl. 273-22.000.
- Kintz, Lawrence J., Jr.; and Rossie, Joseph F., to Sundstrand Corporation. Rotor assembly. 4,531,071, 7-23-85, Cl. 310-156.000.
- Kintzel, Gerhard; and Heilmann, Edmund, to SKF Kugellagerfabriken GmbH. Clamping device for tool assemblies. 4,510,829, 4-16-85, Cl. 82-36.00R.
- Kinugasa, Toshiyuki: *See—*
  - Ando, Yoshio; Kumagai, Shuno; and Kinugasa, Toshiyuki, 4,552,715, Cl. 264-309.000.
  - Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, 4,505,774, Cl. 156-499.000.
- Kinugawa, Masumi: *See—*
  - Abe, Tomoaki; Kinugawa, Masumi; and Hiromasa, Shunichiro, 4,527,530, Cl. 123-494.000.
  - Mizuno, Toshiaki; Omori, Norio; and Kinugawa, Masumi, 4,528,960, Cl. 123-478.000.
- Kinugawa Pacific Kabushiki Kaisha: *See—*
  - Kasama, Masatoshi; and Nakai, Kohzo, 4,527,292, Cl. 2-452.000.
- Kinugawa Rubber Industrial Co., Ltd.: *See—*
  - Yamaguchi, Toshiaki, 4,511,526, Cl. 264-129.000.
- Kinumoto, Namio: *See—*
  - Yamamoto, Mitsuo; Kinumoto, Namio; Tsuji, Toshinori; and Hiraoka, Tutomu, 4,554,178, Cl. 427-140.000.
- Kinze Manufacturing, Inc.: *See—*
  - Kinzenbaw, Jon E., 4,506,904, Cl. 280-415.00R.
  - Kinzenbaw, Jon E., 4,526,235, Cl. 172-126.000.
  - Kinzenbaw, Jon E., 4,552,375, Cl. 280-415.00R.
- Kinzenbaw, Jon E., to Kinze Manufacturing, Inc. Agricultural implement convertible between use and transport positions. 4,506,904, 3-26-85, Cl. 280-415.00R.
- Kinzenbaw, Jon E., to Kinze Manufacturing, Inc. Agricultural row marker. 4,526,235, 7-2-85, Cl. 172-126.000.
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- Kinzler, Herbert: *See—*
  - Musselmann, Walter; Kinzler, Herbert; and Tra, Josef, 4,493,766, Cl. 209-362.000.
- Kioritz Corporation: *See—*
  - Baba, Toru; and Saito, Yasuo, 4,557,052, Cl. 30-276.000.
  - Hotta, Nobuyuki, 4,552,574, Cl. 55-501.000.
  - Inaga, Hisashi; and Ohtagawa, Kozi, 4,507,865, Cl. 30-276.000.
  - Kawaharazuka, Yukio, 4,491,184, Cl. 173-162.00R.
  - Kawaharazuka, Yukio; and Iida, Giichi, 4,552,100, Cl. 123-2.000.
  - Nagashima, Akira; and Saito, Yasuo, 4,493,400, Cl. 188-77.00W.
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  - Nagashima, Akira, 4,535,910, Cl. 220-377.000.
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  - Nagashima, Akira, 4,548,169, Cl. 123-195.00C.
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- Kipelainen, Ossi; Kuhasalo, Antti; and Kyytsonen, Juhani, to Enso-Gutzeit Oy. Bark press. 4,491,067, 1-1-85, Cl. 100-121.000.
- Kipp, Glenn: *See—*
  - Loewenstern, Kenneth; Clementi, Daniel M.; and Kipp, Glenn, 4,531,416, Cl. 73-735.000.
- Kipp, Robert M.: *See—*
  - Ayers, Ray R.; and Kipp, Robert M., 4,500,117, Cl. 285-3.000.
  - Kruka, Vitold R.; Kipp, Robert M.; and Cadena, Edward R., 4,510,588, Cl. 367-165.000.
- Kippenberg, Horst; Haessler, Heinrich; and Huehnlein, Manfred, to Siemens Aktiengesellschaft. Process of producing a compound material of chromium and copper. 4,503,010, 3-5-85, Cl. 419-27.000.
- Kippenberg, Horst: *See—*
  - Hassler, Heinrich; Muller, Reiner; Kippenberg, Horst; and Prolss, Norbert, 4,537,745, Cl. 420-590.000.
- Kipper, Reinhold: *See—*
  - Piller, Horst; and Kipper, Reinhold, 4,505,555, Cl. 350-527.000.
- Kipphan, Helmut: *See—*
  - Ott, Hans; Boegli, Rolf; Birch, Ulrich; Kipphan, Helmut; and Loffler, Gerhard, 4,505,589, Cl. 356-402.000.
- Kira, Gene S.; and Sorensen, Jens O. Geographically positioned, environmental, solar humidification energy conversion. 4,490,980, 1-1-85, Cl. 60-641.800.
- Kira, Hideshi: *See—*
  - Kitagawa, Kazuo; Endoh, Kenjiro; and Kira, Hideshi, 4,496,937, Cl. 340-347.0SH.
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- Kira, Masaaki: *See—*
  - Kobayashi, Yukio; Kira, Masaaki; and Yamaguchi, Kinya, 4,496,640, Cl. 429-213.000.
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- Kiraly, Ernest F.; and Ferraro, Frank A., to Warner-Lambert Company. One-piece disposable razor with blade protector latched releasably to razor. 4,546,544, 10-15-85, Cl. 30-90.000.
- Kiraly, Laszlo : *See—*
  - Karacsonyi nee Eva Spindler, Belane ; Racz, Bela; Boszormenyi, Istvan; Kiraly, Laszlo ; and Medgyesi, Andras, 4,544,410, Cl. 106-278.000.
- Kiraly, Robert L.: *See—*
  - Wright, Dale M.; and Kiraly, Robert L., 4,524,620, Cl. 73-587.000.
- Kirayoglu, Birol, to Du Pont de Nemours, E. I., and Company. Heavyweight nonwoven fabric of hydraulically-entangled fibers. 4,556,601, 12-3-85, Cl. 428-219.000.
- Kirby, Brian T. Dual mode electronic intrusion or burglar alarm system. 4,559,527, 12-17-85, Cl. 340-545.000.
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  - Dauphinee, Thomas M.; and Kirby, Christopher G. M., 4,511,845, Cl. 324-444.000.
- Kirby, David, to Lutron Electronics Co., Inc. Wall mounted electrical voltage control switch. 4,520,306, 5-28-85, Cl. 323-324.000.
- Kirby, Edward R., to Associated Truss Company. Method and apparatus for attaching mounting plates. 4,514,901, 5-7-85, Cl. 29-822.000.
- Kirby, Edward R.: *See—*
  - Douthit, C. Staton; and Kirby, Edward R., 4,522,547, Cl. 414-391.000.
- Kirby, Ian G., to Ford Motor Company. Power assisted steering gear. 4,560,023, 12-24-85, Cl. 180-148.000.
- Kirby, Ian J. Combination workbench, veneer press and case goods assembly press. 4,542,891, 9-24-85, Cl. 269-16.000.
- Kirby, James R.; and Looney, Donald F. Buried conductor cable energy distribution system with conductor loop enclosure. 4,518,817, 5-21-85, Cl. 174-38.000.
- Kirby, Jane P.: *See—*
  - Martin, John H. E. J.; Kirby, Jane P.; Borders, Donald B.; Fantini, Amedeo A.; and Testa, Raymond T., 4,552,867, Cl. 514-18.000.

- Kirby, John: *See—*
  - Jarvis, William A.; Kirby, John; Lane, Alan J.; Pokorski, John P.; and Sheffield, Wilbur L., 4,544,296, Cl. 401 73.000.
- Kirby, John R., to J. A. Preston Corporation. Simulated hydrotherapy bath. 4,541,418, 9-17-85, Cl. 128-24.100.
- Kirby, Michael D.; and Mazzeo, Michael P., to Essex Specialty Products, Inc. Method and compositions for improving bonding to painted surfaces. 4,525,511, 6-25-85, Cl. 524-158.000.
- Kirby, Neil V.: *See—*
  - DeRoche, Pierre; and Kirby, Neil V., 4,548,976, Cl. 524-249.000.
- Kirby, Peter L., to Crystalate Electronics Limited. Strain gauge. 4,506,250, 3-19-85, Cl. 338-5.000.
- Kirby, Raymond L., Jr., to Monarch Marking Systems, Inc. Ink pad. 4,553,476, 11-19-85, Cl. 101-111.000.
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  - Ivary, David J.; and Kirby, Raymond L., Jr., 4,508,252, Cl. 226-44.000.
- Kirby, Robert A., to Exxon Production Research Co. Modular gas-powered subsea seismic source. 4,556,120, 12-3-85, Cl. 181-120.000.
- Kirby-Smith, Trevor R., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Wind indicators. 4,554,827, 11-26-85, Cl. 73-189.000.
- Kirby, Theodore A.: *See—*
  - Bihl, Claudia J., 4,526,164, Cl. 128-94.000.
- Kircaldie, Randall and McNab: *See—*
  - Durkan, Gerald, 4,506,666, Cl. 128-204.230.
  - Durkan, Gerald; and Sieracki, Leonard M., 4,519,387, Cl. 128-204.230.
- Kirch, William: *See—*
  - Carrick, Wayne L.; Solvik, R. Sven; and Kirch, William, 4,558,105, Cl. 526-68.000.
- Kirchberger, Peter, to GFM Gesellschaft fur Fertigungstechnik und Maschinenbau Gesellschaft m.b.H. Inserted tooth cutter. 4,551,043, 11-5-85, Cl. 407-43.000.
- Kirchbrucher, Rudiger: *See—*
  - Becker, Kunibert; Kirchbrucher, Rudiger; and Pohlmann, Klaus D., 4,518,284, Cl. 405-296.000.
  - Becker, Kunibert; Elsner, Burckhardt; and Kirchbrucher, Rudiger, 4,526,495, Cl. 405-299.000.
- Kircher, Dieter: *See—*
  - Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; and Weise, Lutz, 4,492,413, Cl. 303-92.000.
  - Belart, Juan; Burgdorf, Jochen; Weise, Lutz; Kircher, Dieter; and Goossens, Andre F. L., 4,521,061, Cl. 303-114.000.
  - Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; Bleckmann, Hans-Wilhelm; and Weise, Lutz, 4,523,791, Cl. 303-92.000.
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- Kircher, Hartmann J., to Grumman Aerospace Corporation. Multifunction composite material utilizing embedded optical fibers. 4,537,469, 8-27-85, Cl. 350-96.240.
- Kircher, Klaus: *See—*
  - Cohnen, Wolfgang; Kircher, Klaus; Muller, Peter R.; Krishnan, Sivaram; and Neuray, Dieter, 4,552,911, Cl. 524-94.000.
  - Roos, Ernst; and Kircher, Klaus, 4,521,542, Cl. 521-89.000.
- Kircher, Stefan: *See—*
  - Fries, Herbert; Gerstenmaier, Jurgen; Kircher, Stefan; and Koch-Ducker, Jurgen, 4,493,210, Cl. 73-121.000.
- Kirchesch, Heinz-Peter; Nurck, Wilhelm; and Widl, Wolfgang, to BBC Brown, Boveri & Company, Limited. Compressed-gas breaker. 4,559,425, 12-17-85, Cl. 200-146.00R.
- Kirchhan, James J. Container and sealing enclosure. 4,546,874, 10-15-85, Cl. 220-4.00B.
- Kirchhofer, Hubert; and Schelling, Raymond, to BBC Brown, Boveri & Company, Limited. Gas dynamic pressure wave supercharger for vehicle internal combustion engines. 4,529,360, 7-16-85, Cl. 417-64.000.
- Kirchhoff, Hans: *See—*
  - Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, 4,505,374, Cl. 198-448.000.
  - Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; and Stodt, Rolf, 4,554,813, Cl. 72-251.000.
- Kirchhoff, Robert A., to Dow Chemical Company, The. Polymers derived from poly(arylcyclobutenes). 4,540,763, 9-10-85, Cl. 526-281.000.
- Kirchmayer, Hermann. Solar collector and absorber. 4,505,256, 3-19-85, Cl. 126-422.000.
- Kirchmayr, Rudolf; and Rutsch, Werner, to Ciba-Geigy Corporation. Acid-curable composition containing a masked curing catalyst, and a process for its preparation. 4,504,372, 3-12-85, Cl. 204-159.150.
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- Kirchmayr, Rudolf: *See—*
  - Berner, Godwin; and Kirchmayr, Rudolf, 4,560,709, Cl. 204-159.140.
  - Husler, Rinaldo; Kirchmayr, Rudolf; and Rutsch, Werner, 4,559,371, Cl. 204-158.00R.
- Kirchner, Balthasar; and Siegfried, Schleicher, to Ernst Stadelmann Gesellschaft m.b.H. Case for holding flat articles. 4,496,050, 1-29-85, Cl. 206-444.000.
- Kirchner, Edward C.: *See—*
  - Matthew, John B.; and Kirchner, Edward C., 4,531,681, Cl. 241-146.000.
- Kirchner, Georg, to Sanimed Vertrieb AG. Tourniquet strap or band for restricting blood flow, especially for taking blood samples. 4,516,576, 5-14-85, Cl. 128-327.000.
- Kirchner, Hans-Gert: *See—*
  - Bernert, Claus-Rudiger; Kirchner, Hans-Gert; and Nader, Reinhard, 4,507,473, Cl. 536-86.000.
- Kirchner, Hansjorg, to Kirchner & Wilhelm. Tensioning device, particularly for tightening bands in medical practice. 4,561,437, 12-31-85, Cl. 128-327.000.
- Kirchner, Peter D.: *See—*
  - Jackson, Thomas N.; Kirchner, Peter D.; Pettit, George D.; Rosenberg, James J.; Woodall, Jerry M.; and Wright, Steven L., 4,550,047, Cl. 428-136.000.
- Kirchner, Richard N. Automatic fire extinguishing apparatus. 4,527,635, 7-9-85, Cl. 169-26.000.
- Kirchner & Wilhelm: *See—*
  - Kirchner, Hansjorg, 4,561,437, Cl. 128-327.000.
- Kirchoff, George F.: *See—*
  - Adams, Gary V.; Ahlf, Wilbur J.; Kirchoff, George F.; and Lange, Rholand E., 4,561,675, Cl. 280-734.000.
- Kireev, Ivan N.: *See—*
  - Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.
- Kiriake, Masaharu: *See—*
  - Matsui, Isamu; Yamamoto, Yoshio; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimamoto, Akira, 4,544,107, Cl. 242-35.50A.
  - Uchida, Hiroshi; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimano, Akira, 4,545,551, Cl. 242-35.50A.
- Kiricoples, Charles P.; Behrens, Henry; and Brown, Robert L., to Gillette Company, The. Writing instrument with ball point and two reservoirs. 4,536,099, 8-20-85, Cl. 401-209.000.
- Kirihara, Seishin: *See—*
  - Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
  - Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.
  - Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.
- Kirihara, Shigeki: *See—*
  - Kokubo, Ichiro; Kirihara, Shigeki; Sakai, Hirohiko; and Iwai, Masatoshi, 4,491,623, Cl. 428-658.000.
- Kiriki, Toshihiko: *See—*
  - Kawakami, Sota; Murata, Hideki; Matsunaga, Satoshi; and Kiriki, Toshihiko, 4,495,345, Cl. 528-372.000.
- Kirin-Amgen, Inc.: *See—*
  - Egrie, Joan C., 4,558,006, Cl. 435-7.000.
- Kirin Beer Kabushiki Kaisha: *See—*
  - Miyazawa, Takashi, 4,492,476, Cl. 356-428.000.
  - Nakamura, Katsumi; and Kitamura, Kumpei, 4,496,656, Cl. 435-209.000.
  - Nakayama, Toshikazu, 4,511,025, Cl. 198-377.000.
  - Ono, Motoji; Hirao, Masao; and Fukushima, Shigehisa, 4,519,427, Cl. 141-65.000.
  - Reich, Frederich R., 4,551,627, Cl. 250-339.000.
- Kirino, Fumiyoshi: *See—*
  - Kanehori, Keiichi; Miyauchi, Katsuki; Ito, Yukio; Kirino, Fumiyoshi; and Kudo, Tetsuichi, 4,555,456, Cl. 429-131.000.
- Kirino, Toru: *See—*
  - Kougami, Akihiko; Mita, Seiichi; Kirino, Toru; and Nagahara, Shusaku, 4,521,816, Cl. 360-45.000.
- Kirisawa, Tadashi: *See—*
  - Kuroiwa, Hiroshi; Kirisawa, Tadashi; Yamauchi, Teruo; and Oyama, Yoshishige, 4,552,116, Cl. 123-489.000.
- Kiriseko, Tadashi, to Fujitsu Limited. Method of producing a semiconductor device. 4,525,922, 7-2-85, Cl. 29-577.00C.
- Kirita, Kei; and Koike, Katuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for producing metal ions. 4,496,843, 1-29-85, Cl. 250-426.000.
- Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, to Kawasumi Laboratories, Inc.; and Kuraray Co., Ltd. Line for use in body fluid treatment. 4,559,034, 12-17-85, Cl. 604-52.000.
- Kiritani, Masataka; Asao, Yasuzi; and Takayanagi, Takashi, to Fuji Photo Film Co., Ltd. Process for producing supports for photographic paper. 4,543,269, 9-24-85, Cl. 427-44.000.
- Kiriu, Yukio: *See—*
  - Yamamoto, Toshiki; Kiriu, Yukio; Tsuneoka, Akira; and Sudo, Kunikane, 4,556,099, Cl. 164-451.000.
- Kiriyama, Tsutomu; Horie, Shigeru; Ichihashi, Tetsuo; and Oshida, Masahiro, to Teijin Limited. Biaxially oriented polyester film. 4,539,389, 9-3-85, Cl. 528-272.000.
- Kiriyama, Tsutomu: *See—*
  - Norota, Susumi; Kiriyama, Tsutomu; Imoto, Tadashi; and Azumi, Toshinori, 4,521,364, Cl. 264-176.00F.
  - Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, 4,526,735, Cl. 264-27.000.
- Kirjavainen, Kari; and Riekkinen, Asko S. Imprint control system with feedback feature. 4,538,173, 8-27-85, Cl. 358-75.000.
- Kirk, Donald, Jr.: *See—*
  - Forgey, James; and Kirk, Donald, Jr., 4,511,919, Cl. 358-120.000.

Kirk, Geoffrey F. Hydraulically operated cranes. 4,553,675, 11-19-85, Cl. 212-205.000.

Kirk, J. David. Internal combustion engine. 4,512,291, 4-23-85, Cl. 123-56.0BC.

Kirk, Johnie C., to Rodriguez, Carl R., a part interest. Fishing line activator indicator. 4,519,158, 5-28-85, Cl. 43-17.000.

Kirk, Johnie C. Floor illuminating bedside light unit. 4,544,993, 10-1-85, Cl. 362-153.000.

Kirk, Karl D., III: *See—*

Mulhauser, Paul J.; Spranger, Douglas M.; Brookes, Malcolm J.; and Kirk, Karl D., III, 4,558,810, Cl. 227-19.000.

Kirk, Kenneth H.: *See—*

Fedde, George A.; and Kirk, Kenneth H., 4,510,683, Cl. 29-701.000.

Kirk, Norbert A. Vegetable peeler. 4,550,656, 11-5-85, Cl. 99-590.000.

Kirk, Ronald K., Jr. Bottle-nesting cup with three-position handle. 4,505,390, 3-19-85, Cl. 206-547.000.

Kirk, Russell F.: *See—*

Beard, Robert W.; and Kirk, Russell F., 4,493,704, Cl. 604-154.000.

Kirk, Thomas E., to General Motors Corporation. Power supply system for low cold resistance loads. 4,503,365, 3-5-85, Cl. 315-310.000.

Kirk, Thomas K.: *See—*

Chang, Hou-min; Joyce, Thomas W.; Kirk, Thomas K.; and Huynh, Van-Ba, 4,554,075, Cl. 210-611.000.

Kirk, William A.: *See—*

Fundom, Danny L.; and Kirk, William A., 4,524,879, Cl. 220-273.000.

Kirkbride, David W. Method and valve for preventing electrokinetic induced corrosion erosion of metering edges in hydraulic valves. 4,548,223, 10-22-85, Cl. 137-1.000.

Kirkemo, Curtis L.; and Shipchandler, Mohammed T., to Abbott Laboratories. Fluorescent polarization assay for ligands using aminomethylfluorescein derivatives as tracers. 4,510,251, 4-9-85, Cl. 436-536.000.

Kirker, Timothy J., to Rolls-Royce Limited. Exhaust flow mixers and nozzles. 4,543,784, 10-1-85, Cl. 60-262.000.

Kirkham, Edward E.: *See—*

Johnstone, Richard; and Kirkham, Edward E., 4,514,123, Cl. 409-231.000.

Johnstone, Richard; and Kirkham, Edward E., 4,527,661, Cl. 184-6.100.

Kirkham, Robert L.; and Forrest, Garland F., Jr. Automatic truck bed cover assembly. 4,518,194, 5-21-85, Cl. 296-100.000.

Kirkham, Stanley W.: *See—*

McLoughlin, Robert H.; and Kirkham, Stanley W., 4,496,616, Cl. 428-36.000.

Kirkham, Steven C.: *See—*

Kramer, Lee F.; Schantz, Ronald K.; Kirkham, Steven C.; and Tschanz, Charles M., 4,505,339, Cl. 172-812.000.

Kirkhuff, Shield & Fink: *See—*

Kirkhuft, William J., 4,535,002, Cl. 427-203.000.

Kirkhuff, William J., to Kirkhuff, Shield & Fink. Process for rendering a material fire retardant. 4,535,002, 8-13-85, Cl. 427-203.000.

Kirkland, Alvin E., to Conlin Bros., Inc. Replaceable shoulder padding for football and the like. 4,554,681, 11-26-85, Cl. 2-2.000.

Kirkland, Edmund R.; Palanuik, Elko; and Ingman, Harlan V. Product and method of making a seed coating for increased yield. 4,495,724, 1-29-85, Cl. 47-57.600.

Kirkland, James L. Rheological penetrometer. 4,492,111, 1-8-85, Cl. 73-84.000.

Kirkland, Kenneth C.: *See—*

Fedorovich, George; Kirkland, Kenneth C.; and McGraw, Jim F., 4,552,367, Cl. 277-1.000.

Kirkland, Lester: *See—*

Milne, Robin I.; and Kirkland, Lester, 4,544,808, Cl. 179-99.0LS.

Kirkman, David H.; Lowe, Anthony C.; Wood, John C.; and Golledge, Ian, to International Business Machines Corporation. Liquid filled electro-optic display cell with diaphragm seal. 4,545,650, 10-8-85, Cl. 350-357.000.

Kirkman, David H.: *See—*

Dowden, Barry F.; Barclay, Donald J.; and Kirkman, David H., 4,526,441, Cl. 350-357.000.

Kirkman, Michael, to Augat Inc. Compliant pin for solderless termination to a printed wiring board. 4,526,429, 7-2-85, Cl. 339-17.00C.

Kirkman, Michael, to Augat Inc. Dual beam connector. 4,533,187, 8-6-85, Cl. 339-17.0CF.

Kirkpatrick, Conilee G.; Adler, Michael S.; and Possin, George E., to United States of America, Air Force. Beam addressed memory system. 4,534,016, 8-6-85, Cl. 365-128.000.

Kirkpatrick, Edward S.: *See—*

Gelatt, Charles D., Jr.; and Kirkpatrick, Edward S., 4,495,559, Cl. 364-148.000.

Kirkpatrick, H. B.: *See—*

Kirkpatrick, Harold B.; Ravreby, Fred A.; and Richbourg, Henry L., 4,498,467, Cl. 128-90.000.

Kirkpatrick, Harold B.; Ravreby, Fred A.; and Richbourg, Henry L., to Kirkpatrick, H. B.; and Ravreby, F. A. Orthopedic cast, device and method for forming same and package therefor. 4,498,467, 2-12-85, Cl. 128-90.000.

Kirkpatrick, John A.: *See—*

Budrean, John D.; and Kirkpatrick, John A., 4,509,356, Cl. 72-349.000.

Budrean, John D.; and Kirkpatrick, John A., 4,527,413, Cl. 72-349.000.

Budrean, John D.; and Kirkpatrick, John A., 4,559,802, Cl. 72-349.000.

Kirkpatrick, John D.: *See—*

Brittain, Perry N.; and Kirkpatrick, John D., 4,496,499, Cl. 264-36.000.

Kirkpatrick, Larry E.; and Williams, Barry C., to Polydrain, Inc. Drainage channel with means for maintaining proper slope during installation. 4,498,807, 2-12-85, Cl. 405-43.000.

Kirkpatrick, Lloyd V.; and McGee, John R., to Kirkpatrick-McGee, Inc. Fluid flow measurement system. 4,535,851, 8-20-85, Cl. 175-38.000.

Kirkpatrick-McGee, Inc.: *See—*

Kirkpatrick, Lloyd V.; and McGee, John R., 4,535,851, Cl. 175-38.000.

Kirkpatrick, Ralph A.: *See—*

Rieck, Harold P.; and Kirkpatrick, Ralph A., 4,541,774, Cl. 415-115.000.

Kirkpatrick, Robert D.; and Weiler, David W., to Union Carbide Corporation. Gas-liquid contacting tray with improved inlet bubbling means. 4,499,035, 2-12-85, Cl. 261-114.0JP.

Kirkwood, Wayne E.: *See—*

Scott, Brian L.; and Kirkwood, Wayne E., 4,495,384, Cl. 179-107.0FD.

Kirlin, John J.: *See—*

Hawkins, Hugh M., 4,491,449, Cl. 414-10.000.

Kirnbauer, Peter: *See—*

Linke, Walter; Kirnbauer, Peter; and Indra, Rudolf, 4,496,501, Cl. 264-37.000.

Kirner, Wilhelm, to Siemens Aktiengesellschaft. Device for covering and cleaning the discharge openings of ink printing heads. 4,500,894, 2-19-85, Cl. 346-140.00R.

Kirovsky, Efim I.: *See—*

Eschenko, Vladislav Y.; Musaev, Irsali K.; Talibdzhanov, Zakhidzhan S.; Leonov, Viktor A.; Bobrov, Anatoly D.; Kirovsky, Efim I.; Gritsenko, Vladimir A.; and Golovanov, Alexandr V., 4,500,282, Cl. 431-184.000.

Kirpich, Aaron S., to United States of America, Energy. Liquid cooled, linear focus solar cell receiver. 4,491,681, 1-1-85, Cl. 136-246.000.

Kirpluk, Kenneth R.; and Lewinski, Kenneth F., to AT&T Teletype Corporation. CRT Monitor tilt mechanism. 4,556,189, 12-3-85, Cl. 248-649.000.

Kirsanov, Alexandr V.: *See—*

Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.

Kirsch, Albert J. Hemming rule. 4,554,739, 11-26-85, Cl. 33-2.00H.

Kirsch, Bernd: *See—*

Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, 4,521,139, Cl. 406-19.000.

Kirsch, Francis, to Sanofi. Method for the therapeutic utilization of Coenzyme A. 4,499,074, 2-12-85, Cl. 424-94.000.

Kirsch, Jerome; Kopsco, M. Alan; Markow, Edward; and Sturm, Michael, to Grumman Aerospace Corporation. Terrain-following transient surface contact vehicle. 4,505,441, 3-19-85, Cl. 244-3.150.

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Kirsch, Jerry; Kirsch, Kerry F.; and Hornacek, Kenneth J., to Rimrock Corporation. Rotary and linear actuating device. 4,493,245, 1-15-85, Cl. 92-2.000.

Kirsch, Kerry F.: *See—*

Kirsch, Jerry; Kirsch, Kerry F.; and Hornacek, Kenneth J., 4,493,245, Cl. 92-2.000.

Kirsch, Reinhard: *See—*

Rosner, Manfred; Urbanietz, Josef; Loewe, Heinz; Duwel, Dieter; and Kirsch, Reinhard, 4,504,490, Cl. 514-483.000.

Kirsch, Steven T., to Mouse Systems Corporation. Detector for electro-optical mouse. 4,546,347, 10-8-85, Cl. 340-710.000.

Kirsch, Steven T.: *See—*

Haus, Hermann A.; Kirsch, Steven T.; and Leonberger, Frederick J., 4,505,587, Cl. 356-345.000.

Kirsch, Warren B., to Ethyl Corporation. Metal bromide preparation. 4,514,374, 4-30-85, Cl. 423-497.000.

Kirsch, Warren B., to Ethyl Corporation. Decolorization of calcium bromide brines. 4,549,973, 10-29-85, Cl. 252-8.55R.

Kirsch, Warren B.; and Laurent, Sebastian M., to Ethyl Corporation. Purification of halide. 4,557,921, 12-10-85, Cl. 423-488.000.

Kirschenbaum, Bernard, to AT&T Information Systems Inc. Electrical cable supporting clamp. 4,538,782, 9-3-85, Cl. 248-68.100.

Kirschenlohr, Werner: *See—*

Mueller, Josef; Wiersdorff, Walter-Wielant; Kirschenlohr, Werner; and Schwantje, Gerd, 4,508,924, Cl. 568-322.000.

Kirschenman, Duane L., to AT&T Technologies, Inc. Methods of processing substrates. 4,516,318, 5-14-85, Cl. 29-846.000.

Kirschenmann, Bernd R. G., to Alfa-Laval AB. Process for separation of raw milk into cream and skim milk which is pasteurized. 4,515,823, 5-7-85, Cl. 426-491.000.

Kirschnek, Helmut: *See—*

Steinberger, Helmut; Kirschnek, Helmut; and Pfeiffer, Josef, 4,524,172, Cl. 524-506.000.

Kirschner, Thomas F., to RCA Corporation. Disc record player having player control apparatus. 4,516,233, 5-7-85, Cl. 369-79.000.

Kirsinas, Peter: *See—*

Moody, Roy A.; Kirsinas, Peter; and Turek, James A., 4,527,328, Cl. 29-749.000.

- Kirst, John A.; and Kutz, Daniel F., to University of New Mexico. Tone discrimination circuit. 4,520,503, 5-28-85, Cl. 381-56.000.
- Kirstein, Fritz, to AGFA-Gevaert, A.G. Forgery-proof information carrier. 4,536,015, 8-20-85, Cl. 283-91.000.
- Kirstein, Gerhard, to Zahnraderfabrik Renk A.G. Optoelectronic position indicator for a drive system. 4,554,451, 11-19-85, Cl. 250-237.00G.
- Kirtland, Howard W., to Carrier Corporation. Variable width diffuser. 4,527,949, 7-9-85, Cl. 415-150.000.
- Kirtland, John A.: *See—*
  - Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.
- Kirtley, James L., Jr.: *See—*
  - Walker, Gary E.; Spiegel, Leo; Shuman, Anthony J.; and Kirtley, James L., Jr., 4,550,228, Cl. 179-115.00V.
- Kirtley, Robert H., Jr. Partially separable attachment device for sheet metal screed and stake assemblies. 4,531,858, 7-30-85, Cl. 404-48.000.
- Kirton, Douglas C.; MacNeill, Avril B.; and Verhagen, Laurentius A. M., to Lever Brothers Company. Spread having butter-like properties. 4,536,411, 8-20-85, Cl. 426-603.000.
- Kirton, John: *See—*
  - Cattell, Alan F.; Cockayne, Brian; Wright, Peter J.; and Kirton, John, 4,496,610, Cl. 427-66.000.
  - Cattell, Alan F.; Kirton, John; and Lloyd, Peter, 4,552,782, Cl. 427-66.000.
- Kiruna Truck AB: *See—*
  - Niva, Karl-Erik, 4,522,549, Cl. 414-474.000.
  - Niva, Karl-Erik, 4,556,356, Cl. 414-458.000.
- Kirwan, John R., Jr.; and Bray, Donald T., to Desalination Systems, Inc. Semipermeable membrane cartridge for use with a pressure container. 4,548,714, 10-22-85, Cl. 210-232.000.
- Kiryu, Kiyuji: *See—*
  - Kiba, Hiroshi; Itoh, Yoshimasa; and Kiryu, Kiyuji, 4,498,414, Cl. 118-663.000.
- Kiryu, Kyuji; and Aizawa, Kensuke, to Tokico Ltd. Industrial robot having a sensor unit. 4,546,724, 10-15-85, Cl. 118-669.000.
- Kiryu, Yuichi; and Sawada, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Multijoint manipulator. 4,500,251, 2-19-85, Cl. 414-719.000.
- KIS France: *See—*
  - Thebault, Claude, 4,547,065, Cl. 355-28.000.
- Kis-Tamas, Attila: *See—*
  - Budai, Zoltan; Kis-Tamas, Attila; Mezei, Tibor; Lay, Aranka; Vigh, Zoltan; and Sokorai, Agnes, 4,511,737, Cl. 564-257.000.
- Kiselev, Igor V.: *See—*
  - Alexandrov, Adolf M.; Bulginov, Evgeny F.; Yashin, Jury A.; and Kiselev, Igor V., 4,547,099, Cl. 406-149.000.
- Kiselev, Vladimir G.: *See—*
  - Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.
- Kiselewski, Donald L. Method of constructing a modular unit. 4,551,961, 11-12-85, Cl. 52-743.000.
- Kiser, Darrel R.: *See—*
  - Kratz, Richard L.; Kiser, Darrel R.; and Smith, R. Scott, 4,531,463, Cl. 110-212.000.
- Kiser, John L.; and Griffith, Vernon D. Physiologic device and method of treating the leg extremities. 4,502,470, 3-5-85, Cl. 128-64.000.
- Kiser, Ned J.: *See—*
  - Kelleher, Kevin C.; Kiser, Ned J.; and Christopher, Todd J., 4,494,052, Cl. 318-254.000.
- Kisfaludy, Lajos: *See—*
  - Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
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- Kish, Louis G.: *See—*
  - Dugan, Elmo A.; Kish, Louis G.; Miller, Edwin J.; and Fabian, George J., 4,496,159, Cl. 273-341.000.
- Kish, Paul P.; and Discenza, Giovanni J., to Northern Telecom Limited. Color coding identification of conductors in telecommunications cable. 4,528,420, 7-9-85, Cl. 174-112.000.
- Kish, Robert J.: *See—*
  - Fox, Albert D.; Kish, Robert J.; and Knight, Donn C., 4,500,074, Cl. 254-270.000.
- Kishi, Atsuo: *See—*
  - Hayase, Isao; Suginuma, Atsushi; and Kishi, Atsuo, 4,507,068, Cl. 418-150.000.
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  - Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.
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  - Sakamoto, Junji; and Kishi, Hiroyasu, 4,496,978, Cl. 358-155.000.
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- Kishi, Masakazu; and Suzuki, Yasuo, to Hitachi Seiko Ltd. Fully automated machining apparatus optimization for electric discharge machining apparatus. 4,504,722, 3-12-85, Cl. 219-69.00P.
- Kishi, Mitsuhiro, to Kabushiki Kaisha Hikoma Seisakusho. Elevating apparatus. 4,529,063, 7-16-85, Cl. 187-9.00E.
- Kishi, Norimasa; and Noso, Kazunori, to Nissan Motor Company, Limited. Speech recognition system for an automotive vehicle. 4,501,012, 2-19-85, Cl. 381-43.000.
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- Kishi, Norimasa: *See—*
  - Morimoto, Yoshiro; and Kishi, Norimasa, 4,507,985, Cl. 74-866.000.
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  - Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,532,648, Cl. 381-41.000.
  - Noso, Kazunori; and Kishi, Norimasa, 4,538,295, Cl. 381-43.000.
  - Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,558,459, Cl. 381-43.000.
  - Suzuki, Tadashi; and Kishi, Norimasa, 4,502,354, Cl. 74-866.000.
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- Kishi, Noriyuki; and Hasagawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Method of controlling a fuel supplying apparatus for internal combustion engines. 4,494,512, 1-22-85, Cl. 123-489.000.
- Kishi, Noriyuki; Koumura, Takashi; and Hosokawa, Takehiko, to Honda Giken Kogyo Kabushiki Kaisha. Idling speed feedback control method having fail-safe function for abnormalities in functioning of crank angle position-detecting system of an internal combustion engine. 4,531,490, 7-30-85, Cl. 123-339.000.
- Kishi, Noriyuki; and Hirao, Yoshikazu, to Honda Giken Kogyo Kabushiki Kaisha; and Oki Electric Industry Co., Ltd. Abnormality detecting apparatus for means for sensing operating parameters of an internal combustion engine. 4,541,386, 9-17-85, Cl. 123-479.000.
- Kishi, Noriyuki, to Honda Giken Kogyo Kabushiki Kaisha. Method of controlling an exhaust gas recirculating valve in an internal combustion engine. 4,541,398, 9-17-85, Cl. 123-571.000.
- Kishi, Noriyuki: *See—*
  - Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, 4,491,107, Cl. 123-339.000.
  - Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, 4,498,445, Cl. 123-489.000.
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  - Hasegawa, Shumpei; Otobe, Yutaka; Kishi, Noriyuki; and Koumura, Takashi, 4,509,489, Cl. 123-489.000.
  - Hasegawa, Shumpei; and Kishi, Noriyuki, 4,527,521, Cl. 123-326.000.
  - Otobe, Yutaka; and Kishi, Noriyuki, 4,542,728, Cl. 123-440.000.

Yamato, Akihiro; and Kishi, Noriyuki, 4,523,571, Cl. 123-492.000.

Kishi, Shunsaku: *See—*

Nishida, Susumu; Fuchigami, Tadashi; Kimura, Seiji; Kishi, Shunsaku; and Kobayashi, Akio, 4,527,624, Cl. 165-184.000.

Kishi, Takaji, to Sekisui Kagaku Kogyo Kabushiki Kaisha. Release agent and product. 4,495,243, 1-22-85, Cl. 428-352.000.

Kishi, Takamichi: *See—*

Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Kishi, Takamichi, 4,539,083, Cl. 204-98.000.

Kishi, Takao: *See—*

Nozawa, Takamitsu; Kishi, Takao; and Iizuka, Shigeo, 4,530,449, Cl. 222-189.000.

Saito, Tadao; Kishi, Takao; and Kakuta, Yoshiyuki, 4,516,727, Cl. 239-333.000.

Kishi, Toru; and Saito, Takashi, to Victor Company of Japan, Ltd. Apparatus for playing back rotating recording mediums. 4,535,433, 8-13-85, Cl. 369-77.200.

Kishi, Yoshiki; Hirotani, Toyotoshi; Ohira, Tomohiro; and Fukui, Yukio, to Director-General of the Agency of Industrial Science and Technology. Pattern indication using laser beam. 4,550,294, 10-29-85, Cl. 332-7.510.

Kishi, Yoshio, to Sony Corporation. Optical disc and disc drive mechanism. 4,535,434, 8-13-85, Cl. 369-111.000.

Kishi, Yoshito, to Meiji Seika Kaisha Ltd. New anthracyclinones and their production. 4,536,336, 8-20-85, Cl. 260-351.100.

Kishida, Eiji; Isobe, Yoshinobu; Hara, Fumio; and Hasegawa, Shumpei, to Honda Giken Kogyo Kabushiki Kaisha. Intake secondary air supply system for internal combustion engines. 4,553,521, 11-19-85, Cl. 123-587.000.

Kishida, Eiji; and Asakura, Masahiko, to Honda Giken Kogyo Kabushiki Kaisha. Air intake side secondary air supply system for an internal combustion engine. 4,561,394, 12-31-85, Cl. 123-179.00G.

Kishida, Eiji: *See—*

Narasaka, Shin; Otsuka, Kazuo; and Kishida, Eiji, 4,526,148, Cl. 123-440.000.

Kishida, Katsuji; Ueno, Tetsuto; Onishi, Masakazu; and Oda, Keijiro, to Toyo Rubber Industry Co., Ltd., The. Pneumatic radial tire having durable bead structure. 4,510,984, 4-16-85, Cl. 152-362.0CS.

Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, to Mitsubishi Rayon Co., Ltd. Flame retardant polyester resin compositions. 4,504,608, 3-12-85, Cl. 523-444.000.

Kishida, Kazuo; Hasegawa, Akira; and Sugimori, Masahiro, to Mitsubishi Rayon Co., Ltd. Multi-layer structure polymer composition. 4,508,875, 4-2-85, Cl. 525-308.000.

Kishida, Kazuo; Sasaki, Isao; Mukai, Nobuhiro; and Asai, Hajime, to Mitsubishi Rayon Co., Ltd. Novel polymer composition. 4,510,024, 4-9-85, Cl. 204-59.00R.

Kishida, Kazuo; Yamamoto, Naoki; Nishida, Kozi; Narita, Toshihito; and Sato, Yasumasa, to Mitsubishi Rayon Co., Ltd. Process for producing impact-resistant resins. 4,513,111, 4-23-85, Cl. 524-458.000.

Kishida, Kazuo; Sasaki, Isao; Kushi, Kenji; and Sugimori, Masahiro, to Mitsubishi Rayon Co., Ltd. Delustering coating composition excellent in abrasion resistance. 4,518,472, 5-21-85, Cl. 204-159.150.

Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, to Mitsubishi Rayon Co., Ltd. Resin composition usable without being coated. 4,526,929, 7-2-85, Cl. 525-80.000.

Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, to Mitsubishi Rayon Co., Ltd. Resin composition usable without being coated. 4,528,330, 7-9-85, Cl. 525-85.000.

Kishida, Kazuo; Sasaki, Isao; and Mukai, Nobuhiro, to Mitsubishi Rayon Co., Ltd. Polymer composition. 4,546,145, 10-8-85, Cl. 524-780.000.

Kishida, Kazuo; Sasaki, Isao; Mori, Hiroshi; and Ii, Yasuaki, to Mitsubishi Rayon Co., Ltd. Composite material with improved properties. 4,550,130, 10-29-85, Cl. 523-436.000.

Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, to Mitsubishi Rayon Co., Ltd. Thermoplastic resin composition having excellent impact resistance and heat resistance. 4,556,692, 12-3-85, Cl. 525-78.000.

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Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, to Mitsubishi Rayon Co., Ltd. Flame retardant polyester resin compositions. 4,562,216, 12-31-85, Cl. 523-433.000.

Kishida, Konosuke; and Hirokawa, Masaru, to Kabushiki Kaisha Musashino Kagaku Kenkyusho. Method of regenerating cation exchange membrane by treatment with strong acid at above 110° C. 4,526,904, 7-2-85, Cl. 521-26.000.

Kishida, Kunio: *See—*

Morikawa, Masaki; Yoshida, Hideaki; and Kishida, Kunio, 4,525,434, Cl. 428-674.000.

Kishida, Mitsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Porcelain gas-filled bushing with electrodes for moderating the electric field. 4,528,421, 7-9-85, Cl. 174-143.000.

Kishida, Toshio, to Clarion Co., Ltd. Automatic linearity correcting circuit. 4,511,854, 4-16-85, Cl. 330-279.000.

Kishido, Takeshi; Yoshino, Tetsuya; Kageyama, Takashi; and Kato, Kazuo, to Konishiroku Photo Industry Co., Ltd. Coating apparatus. 4,561,378, 12-31-85, Cl. 118-62.000.

Kishido, Takeshi: *See—*

Yoshino, Tetsuya; Kageyama, Takashi; Kato, Kazuo; and Kishido, Takeshi, 4,548,837, Cl. 427-209.000.

Kishikawa, Kanichi; Nishino, Taneharu; and Nagasoe, Seiichi, to Nippon Steel Corporation. Method and apparatus for rolling rails. 4,503,699, 3-12-85, Cl. 72-222.000.

Kishikawa, Kanichi; and Nishino, Taneharu, to Nippon Steel Corporation. Method of rolling rails. 4,503,700, 3-12-85, Cl. 72-225.000.

Kishimoto, Akihiko: *See—*

Tanaka, Masayuki; Morioka, Katsuharu; and Kishimoto, Akihiko, 4,543,390, Cl. 525-63.000.

Kishimoto, Juji: *See—*

Sado, Ichiro; Kishimoto, Juji; Sasaki, Masayuki; and Cho, Mitsuo, 4,551,818, Cl. 364-900.000.

Kishimoto, Kazuo: *See—*

Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komabashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, 4,521,289, Cl. 204-253.000.

Kishimoto, Keiichi: *See—*

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Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.

Kishimoto, Kiyoharu: *See—*

Yuhara, Akitsuna; Hosaka, Norio; Fujita, Yuji; Kishimoto, Kiyoharu; and Yamada, Jun, 4,500,807, Cl. 310-313.00B.

Kishimoto, Kiyoshi, to Kabushikikaisha Nippon Kogu Seisakusho. End mill. 4,497,600, 2-5-85, Cl. 407-53.000.

Kishimoto, Masayuki. Pressure accumulator. 4,543,997, 10-1-85, Cl. 138-30.000.

Kishimoto, Shinzo; Ohno, Shigeru; and Tsujikawa, Teruaki, to Fuji Photo Film Co., Ltd. Method for processing color photographic light-sensitive material. 4,524,129, 6-18-85, Cl. 430-393.000.

Kishimoto, Shinzo; Ohno, Shigeru; and Abe, Akira, to Fuji Photo Film Co., Ltd. Method for processing color photographic light-sensitive material. 4,546,070, 10-8-85, Cl. 430-393.000.

Kishimoto, Shinzo: *See—*

Ohno, Shigeru; and Kishimoto, Shinzo, 4,508,817, Cl. 430-393.000.

Ohno, Shigeru; Kishimoto, Shinzo; and Yagihara, Morio, 4,554,242, Cl. 430-393.000.

Kishimoto, Shoji: *See—*

Matsuo, Taisuke; Kishimoto, Shoji; and Ochiai, Michihiko, 4,550,105, Cl. 514-210.000.

Matsuo, Taisuke, deceased; Ochiai, Michihiko; and Kishimoto, Shoji, 4,560,508, Cl. 260-239.00A.

Kishimoto, Syoji, to Mitsubishi Denki Kabushiki Kaisha. Rotary armature with cooling of commutator. 4,513,217, 4-23-85, Cl. 310-227.000.

Kishimoto, Tadamitsu: *See—*

Yamamura, Yuichi; and Kishimoto, Tadamitsu, 4,544,632, Cl. 435-68.000.

Kishimoto, Tetsuya: *See—*

Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, 4,547,372, Cl. 426-11.000.

Kishimoto, Tsuneo: *See—*

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Kishimoto, Yasushi; and Morita, Hideo, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for hydrogenation of polymer. 4,501,857, 2-26-85, Cl. 525-338.000.

Kishimoto, Yoshio; and Hayashi, Takeshi, to Matsushita Electric Industrial Co., Ltd. Heat sensitive heater wire. 4,503,322, 3-5-85, Cl. 219-505.000.

Kishimoto, Yuuji: *See—*

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Kishimura, Masaaki; and Arakawa, Nobuyuki, to Mitsubishi Rayon Co., Ltd.; and Sony Corporation. Methacrylate resin composition for optical information recording medium. 4,510,279, 4-9-85, Cl. 524-144.000.

Kishino, Kohji, to Toyo Kogyo Co., Ltd. Quarter-window structure for vehicle. 4,511,129, 4-16-85, Cl. 296-146.000.

Kishiro, Osamu: *See—*

Tanaka, Toru; Gohko, Nobuaki; Kishiro, Osamu; and Murakami, Atsushi, 4,511,704, Cl. 526-125.000.

Kishner, Stanley J., and Park, Ernest D., to Kollmorgen Technologies Corporation. Method and apparatus for sensing and maintaining color registration. 4,546,700, 10-15-85, Cl. 101-211.000.

Kishore, Ganesh M., to Monsanto Company. Stabilization of L-phenylalanine ammonia-lyase enzyme. 4,562,151, 12-31-85, Cl. 435-108.000.

Kisida, Hirosi: *See—*

Ohsumi, Tadashi; Hatakoshi, Makoto; and Kisida, Hirosi, 4,514,406, Cl. 514-352.000.

Kisiel, Stanley C., to Dresser Industries, Inc. Frangible valve stem assembly for rotary valve. 4,497,344, 2-5-85, Cl. 137-797.000.

Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N. Composition for preventing deposition of inorganic salts. 4,525,293, 6-25-85, Cl. 252-181.000.

Kisioka, Kazuya; and Yamakoshi, Kenichi, to Ueda Electronic Works Limited. Automatic, continuous and indirect blood pressure measurement apparatus. 4,524,777, 6-25-85, Cl. 128-677.000.

Kisler, Semyon, to Polaroid Corporation. Coating uniformity improvement apparatus. 4,513,683, 4-30-85, Cl. 118-620.000.

Kisler, Semyon, to Polaroid Corporation. Method and apparatus for uniformly charging a moving web. 4,517,143, 5-14-85, Cl. 264-22.000.

Kisling, Douglas L.; Hill, Edward C.; and Delahoussaye, Ronald D., to United Technologies Corporation. Rotor disk cover plate attachment. 4,558,988, 12-17-85, Cl. 416-220.00R.

Kisner, Howard D., to General Motors Corporation. Magnetron sputtering cathode assembly and magnet assembly therefor. 4,517,070, 5-14-85, Cl. 204-298.000.

Kisner, Howard D., to General Motors Corporation. High rate sputtering of exhaust oxygen sensor electrode. 4,521,287, 6-4-85, Cl. 204-192.0SP.

Kiso, Mataichiro; Futakawa, Akemi; and Fukunaga, Tokio, to Mitsubishi Denki Kabushiki Kaisha. Strike diagnosis apparatus. 4,534,206, 8-13-85, Cl. 73-12.000.

Kiso, Mataichiro: *See—*
Fukunaga, Tokio; Futakawa, Akemi; and Kiso, Mataichiro, 4,502,329, Cl. 73-573.000.

Kiso, Nariyoshi: *See—*
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Kiss, Bela: *See—*
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Kiss, Gabor D., to Celanese Corporation. Energy storage flywheel using liquid crystalline polymer tape. 4,507,983, 4-2-85, Cl. 74-572.000.

Kiss, Gunter H. Multilayer fibre mat and process for its production. 4,521,477, 6-4-85, Cl. 428-282.000.

Kiss, Janosne: *See—*
Szajani, Bela; Kiss, Janosne; Ivony, Jozsefne; Huber, Iren; Boros, Laszlo; and Daroczi, Ivan, 4,532,214, Cl. 435-228.000.

Kiss, Lajos: *See—*
Toth, Lajos; Tolnay, Lajos; Kiss, Laszlo ; Sziklavaris, Istvan; Aranyosi, Miklos; Zsiros, Laszlo ; Kiss, Ferenc; and Kiss, Lajos, 4,545,815, Cl. 75-49.000.

Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, to Hiradastechnikai Gepgyar. Method of and apparatus for measuring surface temperature of moving objects, particularly measuring the temperature of fibrous products particularly of wires during production. 4,498,789, 2-12-85, Cl. 374-164.000.

Kiss, Laszlo : *See—*
Toth, Lajos; Tolnay, Lajos; Kiss, Laszlo ; Sziklavaris, Istvan; Aranyosi, Miklos; Zsiros, Laszlo ; Kiss, Ferenc; and Kiss, Lajos, 4,545,815, Cl. 75-49.000.

Kiss, Marvin L.: *See—*
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Kiss, Pal: *See—*
Szejtli, Jozsef; Stadler nee Szoke, Agnes; Vikmon nee Kiraly, Maria; Korbonits, Dezso; Virag, Sandor; Turcsan, Istvan; and Kiss, Pal, 4,518,588, Cl. 514-58.000.

Kissam, Allan D., to United States of America, Commerce. Acoustic thawing of frozen food. 4,504,498, 3-12-85, Cl. 426-238.000.

Kissau, Gerd: *See—*
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Kissel, Gary T., to Allis-Chalmers Corporation. Corner connector clip in an air filter grid. 4,555,255, 11-26-85, Cl. 55-355.000.

Kissel, Thomas L. Yarn spinner. 4,519,198, 5-28-85, Cl. 57-71.000.

Kissel, Thomas R.: *See—*
Detwiler, Richard L.; Schlegel, Brooke P.; and Kissel, Thomas R., 4,505,801, Cl. 204-418.000.

Kissel, William R., to Chrysler Corporation. Buck-boost regulated D.C to D.C. power supply. 4,549,254, 10-22-85, Cl. 363-21.000.

Kissell, Ronald E., to Owens-Corning Fiberglas Corporation. Apparatus for curing fibrous mineral insulation material. 4,490,927, 1-1-85, Cl. 34-155.000.

Kissich, Arnulf; Schoffmann, Franz; Zitz, Alfred; and Steinbrucker, Gerhard, to Voest-Alpine Aktiengesellschaft. Drive arrangement for the loading arms of a loading ramp for heading machines or longwall shearing machines. 4,552,263, 11-12-85, Cl. 198-514.000.

Kisslig, Heinz. Sheet metal working device. 4,561,284, 12-31-85, Cl. 72-464.000.

Kist, William J., to Combined Fluid Products Company. Pneumatic control system. 4,495,968, 1-29-85, Cl. 137-624.200.

Kistler Instrumente A.G.: *See—*
Engeler, Paul; and Wolfer, Peter, 4,559,821, Cl. 73-167.000.
Sonderegger, Conrad; Sonderegger, Hans C.; and Boltshauser, Werner, 4,503,351, Cl. 310-329.000.
Sonderegger, Hans-Conrad; and Lutz, Eugen, 4,519,254, Cl. 73-726.000.

Kistler-Morse Corporation: *See—*
Kistler, Walter P.; and Chinn, Martin D., 4,522,066, Cl. 73-781.000.

Kistler, Walter P.; and Chinn, Martin D., to Kistler-Morse Corporation. Temperature-compensated extensometer. 4,522,066, 6-11-85, Cl. 73-781.000.

Kistler, Walter P.: *See—*
EerNisse, Errol P.; Gaiser, Mark D.; Hanley, John P.; Kistler, Walter P.; Paros, Jerome M.; and Wiggins, Robert B., 4,526,247, Cl. 177-210.0FP.

Kistner, Heinz; and Schrotz, Kurt, to Esselte Pendaflex Corporation. Hand labeling apparatus. 4,491,497, 1-1-85, Cl. 156-384.000.

Kistner, Herbert: *See—*
Frichmann, Albert; Sternisa, Danilo; Mermi, Kurt; and Kistner, Herbert, 4,518,290, Cl. 411-30.000.

Kistner, John F., to Minnesota Mining and Manufacturing Company. Water-repellent, abrasion resistant coatings. 4,497,861, 2-5-85, Cl. 428-201.000.

Kistner, Oscar J., to Mead Corporation, The. Method of forming intermediate folded blanks for center special slotted containers. 4,534,753, 8-13-85, Cl. 493-453.000.

Kistner, Werner: *See—*
Wuhrl, Arno; and Kistner, Werner, 4,502,042, Cl. 340-568.000.

Kiszel, Janos; Papp, Laszlo; and Nagy, Laszlo, to Vas es Moszeripari Szovetkezet. Respirator device particularly for use in perinatal medicine. 4,539,984, 9-10-85, Cl. 128-204.230.

Kit, Malon; and Kit, Saul, to Novagene, Ltd.; and Baylor College of Medicine. Modified live pseudorabies viruses. 4,514,497, 4-30-85, Cl. 435-235.000.

Kit, Saul: *See—*
Kit, Malon; and Kit, Saul, 4,514,497, Cl. 435-235.000.

Kita, Daizo; Nakamura, Tsutomu; and Kawachi, Takeshi, to Ohbayashi-Gumi, Ltd.; and Kuraray Co., Ltd. Slurry excavating method. 4,551,256, 11-5-85, Cl. 252-8.5LC.

Kita Electrics Co., Ltd.: *See—*
Kobayashi, Nobuki, 4,545,031, Cl. 364-900.000.

Kita, Hisanao: *See—*
Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, 4,503,314, Cl. 219-121.0ED.
Wada, Takeshi; Kita, Hisanao; Wada, Tatsuji; Fujishima, Susumu; and Kadowaki, Hironori, 4,543,711, Cl. 29-726.000.

Kita, Jean-Claude: *See—*
Dreuilhe, Jacques; Puff, Roger; Kita, Jean-Claude; and Large, Jean-Francois, 4,542,716, Cl. 122-4.00D.

Kita, Katsuhiko; Fukuda, Junzo; and Kawahito, Shiro, to Narumi China Corporation; and Kao Soap Co., Ltd. Method of producing ceramic tapes. 4,496,509, 1-29-85, Cl. 264-175.000.

Kita, Kazunori, to Casio Computer Co., Ltd. Electronic wristwatch with printer function. 4,525,075, 6-25-85, Cl. 368-10.000.

Kita, Kouji; Itakura, Kohei; and Mitsuhashi, Shigeo, to Ise Kagaku Kogyo Kabushiki Kaisha. Globulous products of subliming substance, its manufacturing process and manufacturing apparatus. 4,552,566, 11-12-85, Cl. 23-313.00R.

Kita, Masakazu: *See—*
Tanabe, Toshio; and Kita, Masakazu, 4,512,077, Cl. 30-43.000.

Kita, Nobuyuki; Matsumoto, Hiroshi; and Hagiwara, Hitoshi, to Fuji Photo Film Co., Ltd. Developer for light-sensitive lithographic printing plate precursor. 4,500,625, 2-19-85, Cl. 430-149.000.

Kita, Nobuyuki: *See—*
Ohba, Hisao; Uchida, Toshio; Ohashi, Azusa; and Kita, Nobuyuki, 4,537,496, Cl. 355-10.000.
Sawa, Seiji; and Kita, Nobuyuki, 4,523,597, Cl. 128-652.000.

Kita, Sumio: *See—*
Nishibori, Toshiki; Kita, Sumio; and Takano, Sakuharu, 4,518,159, Cl. 271-103.000.

Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, to Bridgestone Tire Company Limited. Pneumatic radial tires for passenger cars having low rolling resistance and excellent slipping resistance. 4,527,606, 7-9-85, Cl. 152-209.00R.

Kita, Yasuhiro: *See—*
Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.
Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.

Kita, Yasuo; Moriya, Michio; and Yoshida, Kenichi, to Sumitomo Electric Industries, Ltd. Brake controller. 4,512,615, 4-23-85, Cl. 303-97.000.

Kita, Yasushi; Moroi, Shirou; Sakanoue, Akira; and Nakano, Hisaji, to Central Glass Company, Limited. Lubricant comprising a partially defluorinated graphite fluoride. 4,500,678, 2-19-85, Cl. 252-58.000.

Kita, Yukio; Koide, Kazuo; and Horikoshi, Kouki, to Oji Paper Company, Ltd. Method for cultivation of microorganism. 4,514,501, 4-30-85, Cl. 435-251.000.

Kita, Yuzo: *See—*
Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.
Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, 4,562,424, Cl. 340-347.0NT.

Kitabayashi, Yukio; Takahashi, Noriyoshi; Watanabe, Masatoshi; Okuyama, Toshiaki; and Tanaka, Yoji, to Hitachi, Ltd. Variable speed rotary electric machine. 4,503,377, 3-5-85, Cl. 318-807.000.

Kitabayashi, Yukio; Takahashi, Noriyoshi; Okuyama, Toshiaki; Watanabe, Masatoshi; and Ohura, Hitoshi, to Hitachi, Ltd. Squirrel-cage induction motor. 4,562,397, 12-31-85, Cl. 318-814.000.

- Kitabchi, Abbas E.: *See—*
  - Stentz, Frankie B.; Wright, Reba K.; and Kitabchi, Abbas E., 4,528,134, Cl. 260-112.700.
- Kitada, Akira, to Fuji Photo Film Co., Ltd. Radiographic intensifying screen. 4,501,796, 2-26-85, Cl. 428-337.000.
- Kitada, Chieko: *See—*
  - Fujino, Masahiko; and Kitada, Chieko, 4,559,324, Cl. 514-14.000.
- Kitada, Fumihiko: *See—*
  - Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,515,557, Cl. 431-302.000.
  - Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,556,045, Cl. 126-96.000.
- Kitada, Hisao. Vacuum floor polisher. 4,510,643, 4-16-85, Cl. 15-320.000.
- Kitada, Masahiro: *See—*
  - Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.
- Kitada, Toyohiko; and Arioka, Takanori, to Kabushiki Kaisha Tokyo Keiki. Ultrasonic thickness gauge. 4,545,248, 10-8-85, Cl. 73-597.000.
- Kitada, Yoshitaka: *See—*
  - Akashi, Mineo; and Kitada, Yoshitaka, 4,550,307, Cl. 340-347.0DA.
- Kitadate, Yukitaka: *See—*
  - Yamada, Kazuji; Sato, Hideo; Kitadate, Yukitaka; Kawakami, Kanji; Kato, Kazuo; and Sasayama, Takao, 4,558,238, Cl. 307-491.000.
- Kitade, Nobumitsu, to Fuji Jukogyo Kabushiki Kaisha. Air breather structure for oil seals in an automatic transmission. 4,498,353, 2-12-85, Cl. 74-606.00R.
- Kitado, Tadaharu: *See—*
  - Ishigami, Yoshihisa; Hashimota, Yasumasa; Kitado, Tadaharu; Nishimura, Hiromi; and Mori, Tetsuo, 4,513,339, Cl. 361-45.000.
- Kitagaki, Tetsuo: *See—*
  - Sakato, Naoyuki; and Kitagaki, Tetsuo, 4,496,506, Cl. 264-109.000.
- Kitagawa, Dennis T.: *See—*
  - Anderson, James M.; Knight, Thomas S., III; Kitagawa, Dennis T.; and Rey, Ernesto, 4,493,075, Cl. 371-10.000.
- Kitagawa, Hiroji, to Kitagawa Industries Co., Ltd. Bands for clamping. 4,502,187, 3-5-85, Cl. 24-16.0PB.
- Kitagawa, Hironobu: *See—*
  - Kobayashi, Takuma; Kitagawa, Hironobu; and Kobayashi, Shigeo, 4,500,686, Cl. 525-408.000.
- Kitagawa, Hiroshi: *See—*
  - Adachi, Kiyoshi; Uehara, Masaru; Kitagawa, Hiroshi; Kojima, Hirotaka; and Sato, Masaaki, 4,514,965, Cl. 53-553.000.
  - Ezawa, Sadaaki; and Kitagawa, Hiroshi, 4,512,230, Cl. 84-1.240.
  - Ezawa, Sadaaki; and Kitagawa, Hiroshi, 4,524,269, Cl. 235-449.000.
- Kitagawa Industries Co., Ltd.: *See—*
  - Eguchi, Kanemitsu, 4,547,414, Cl. 428-36.000.
  - Kitagawa, Hiroji, 4,502,187, Cl. 24-16.0PB.
  - Matsui, Kazuhiro, 4,495,548, Cl. 361-413.000.
  - Matsui, Kazuhiro, 4,513,172, Cl. 174-65.0SS.
  - Matsui, Kazuhiro, 4,561,153, Cl. 24-16.0PB.
- Kitagawa Iron Works Co. Ltd.: *See—*
  - Nobukawa, Akira; and Sawaguchi, Tatsue, 4,523,632, Cl. 165-47.000.
- Kitagawa, Jun: *See—*
  - Mochida, Shigeru; Kojima, Masaru; and Kitagawa, Jun, 4,556,543, Cl. 422-171.000.
- Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, to Nippon Soken, Inc. Liquid quantity detecting device. 4,512,189, 4-23-85, Cl. 73-296.000.
- Kitagawa, Junji; and Akita, Shigeyuki, to Nippon Soken, Inc. Electric liquid level detector. 4,518,956, 5-21-85, Cl. 340-620.000.
- Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, to Nippon Soken, Inc. Current frequency waveform transmitting on D.C. power lines. 4,520,359, 5-28-85, Cl. 340-870.190.
- Kitagawa, Junji; Akita, Shigeyuki; Kasegawa, Norimichi; and Nakamura, Akira, to Nippon Soken, Inc.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Torque sensor. 4,522,278, 6-11-85, Cl. 180-79.100.
- Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, to Toyota Jidosha Kabushiki Kaisha; and Chuo Spring Co., Ltd. Elastic supporting and sealing member with thermal foaming strip. 4,500,099, 2-19-85, Cl. 277-228.000.
- Kitagawa, Kazumi, to Kabushiki Kaisha Ishida Koki Seisakusho. Movable article discharger in an automatic weighing apparatus. 4,531,598, 7-30-85, Cl. 177-128.000.
- Kitagawa, Kazuo; Endoh, Kenjiro; and Kira, Hideshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Sampled signal generation circuit. 4,496,937, 1-29-85, Cl. 340-347.0SH.
- Kitagawa, Kazuo: *See—*
  - Moritoki, Masato; Fujikawa, Takao; Kitagawa, Kazuo; and Miyanaga, Junichi, 4,503,319, Cl. 219-390.000.
- Kitagawa, Keishi: *See—*
  - Asahina, Miyoshi; Kitagawa, Keishi; and Fuchizawa, Testuro, 4,547,445, Cl. 430-22.000.
- Kitagawa, Kiyoshi: *See—*
  - Kawai, Yoshio; and Kitagawa, Kiyoshi, 4,515,676, Cl. 204-299.00R.
- Kitagawa, Kunio: *See—*
  - Matsumoto, Michio; and Kitagawa, Kunio, 4,547,086, Cl. 400-124.000.
- Kitagawa, Shinichi, to Kabushiki Kaisha Komatsu Seisakusho. Automatic die-interchanging control system of a press machine. 4,517,649, 5-14-85, Cl. 364-472.000.
- Kitagawa, Tadao; Kosuge, Yutaka; and Noda, Yoichiro. Flexible tying member for theftproof device. 4,525,702, 6-25-85, Cl. 340-556.000.
- Kitagawa, Takao: *See—*
  - Kamaishi, Tadami; and Kitagawa, Takao, 4,500,587, Cl. 428-204.000.
- Kitagawa, Tsuneo: *See—*
  - Sugiura, Masamichi; and Kitagawa, Tsuneo, 4,491,827, Cl. 340-365.00R.
- Kitagawa, Tsutomu: *See—*
  - Kawamura, Hideo; Otsubo, Isamu; and Kitagawa, Tsutomu, 4,506,145, Cl. 219-499.000.
- Kitagawa, Yoshihiko: *See—*
  - Fukushima, Nobuo; Kitagawa, Yoshihiko; Okumura, Takuzo; and Sakakura, Kazuaki, 4,522,955, Cl. 521-143.000.
- Kitagawa, Yosuke: *See—*
  - Keino, Goro; Kitagawa, Yosuke; and Hayashi, Yoshimi, 4,515,849, Cl. 428-201.000.
  - Shimizu, Goro; and Kitagawa, Yosuke, 4,560,604, Cl. 428-87.000.
- Kitagishi, Nozomu; and Tajima, Akira, to Canon Kabushiki Kaisha. Focusing device for a camera. 4,500,188, 2-19-85, Cl. 354-406.000.
- Kitagishi, Nozomu; and Tsuji, Sadahiko, to Canon Kabushiki Kaisha. Telephoto objective. 4,508,433, 4-2-85, Cl. 350-454.000.
- Kitagishi, Nozomu; Suzuki, Kenji; and Sakai, Shinji, to Canon Kabushiki Kaisha. Apparatus for detecting a condition of sharpest focus. 4,536,073, 8-20-85, Cl. 354-406.000.
- Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, to Canon Kabushiki Kaisha. Focus detecting apparatus with a compensation mask. 4,547,663, 10-15-85, Cl. 250-201.000.
- Kitaguchi, Hiroshi; and Naito, Hideki, to Fuji Photo Film Co., Ltd. Process for forming image. 4,528,258, 7-9-85, Cl. 430-203.000.
- Kitaguchi, Hiroshi; Kudo, Masashi; and Fujii, Masaaki, to Hitachi, Ltd. Apparatus for measuring concentration of radioactivity. 4,532,103, 7-30-85, Cl. 376-245.000.
- Kitaguchi, Hiroshi; Itoh, Isamu; Fujiwara, Itsuo; Nozawa, Yasushi; and Kokubo, Tadayoshi, to Fuji Photo Film Co., Ltd. Heat-developable photographic material. 4,546,075, 10-8-85, Cl. 430-617.000.
- Kitaguchi, Sam S., to Garrett Corporation, The. Sealing apparatus and method and machinery utilizing same. 4,543,038, 9-24-85, Cl. 415-112.000.
- Kitaguchi, Tadashi: *See—*
  - Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.
- Kitahara, Akifumi: *See—*
  - Hirose, Noriyasu; Kuriyama, Shizuo; Yamatsu, Kiyomi; Kitahara, Akifumi; and Uzuo, Takeshi, 4,514,395, Cl. 514-224.000.
- Kitahara, Hajimu: *See—*
  - Oi, Naobumi; and Kitahara, Hajimu, 4,512,898, Cl. 210-656.000.
- Kitahara, Harumi: *See—*
  - Honda, Yasuhiro; Ueno, Katumi; Nishizaki, Genichi; Kitahara, Harumi; and Kamioka, Hiroshi, 4,503,606, Cl. 29-701.000.
- Kitahara, Kouji: *See—*
  - Kutsuwa, Yoshikazu; Kitahara, Kouji; and Ishii, Toshiyuki, 4,526,707, Cl. 252-511.000.
- Kitahara, Makoto: *See—*
  - Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, 4,500,619, Cl. 430-59.000.
  - Ishikawa, Shozo; Sakai, Kiyoshi; Mabuchi, Minoru; Watanabe, Katsunori; and Kitahara, Makoto, 4,554,231, Cl. 430-59.000.
- Kitahara, Nobuaki: *See—*
  - Sato, Yasunobu; Fukumi, Hiroshi; Koike, Hiroyuki; and Kitahara, Nobuaki, 4,495,188, Cl. 514-260.000.
- Kitahara, Shizuo; and Sugi, Nagatoshi, to Nippon Zeon Co. Ltd. Method for modifying rubbers. 4,525,541, 6-25-85, Cl. 525-337.000.
- Kitahara, Shizuo; Fujii, Toshihiro; and Sugi, Nagatoshi, to Nippon Zeon Co. Ltd. Cis-1,4-Polyisoprene rubber composition. 4,542,190, 9-17-85, Cl. 525-332.600.
- Kitahara, Takahiro: *See—*
  - Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, 4,500,694, Cl. 526-245.000.
  - Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, 4,557,562, Cl. 350-96.340.
- Kitahara, Takeshi: *See—*
  - Abe, Susumu; Munakata, Akio; and Kitahara, Takeshi, 4,516,173, Cl. 358-261.000.
- Kitahara, Tsuyoshi; Sone, Kohki; and Uchida, Masaaki, to Nissan Motor Company, Limited. Air/fuel ratio monitoring system in IC engine using oxygen sensor. 4,494,374, 1-22-85, Cl. 60-276.000.
- Kitahara, Tsuyoshi: *See—*
  - Okamura, Kenji; Nagaishi, Hatsuo; Kitahara, Tsuyoshi; Sone, Kohki; and Nakamura, Koyo, 4,507,986, Cl. 74-866.000.
- Kitahara, Yoshimi: *See—*
  - Ezaki, Joichiro; Kanai, Hiroshi; and Kitahara, Yoshimi, 4,562,502, Cl. 360-114.000.
  - Fukuda, Kazumasa; and Kitahara, Yoshimi, 4,533,603, Cl. 428-458.000.
- Kitahiro, Isamu: *See—*
  - Hatada, Kenzo; and Kitahiro, Isamu, 4,494,688, Cl. 228-180.00A.
  - Kazufumi, Ogawa; Kondo, Shigeru; Yasuda, Yoshiko; Yonezawa, Taketoshi; and Kitahiro, Isamu, 4,523,102, Cl. 250-578.000.
- Kitajima, Goro: *See—*
  - Nemoto, Shigeru; Kitajima, Goro; Saitou, Sinichi; and Osada, Hazime, 4,523,247, Cl. 360-137.000.
  - Nemoto, Shigeru; Saitou, Sinichi; Kitajima, Goro; and Osada, Hazime, 4,525,760, Cl. 360-137.000.

Kitajima, Hiroyuki; and Ohmachi, Kazuhiko, to Hitachi, Ltd. Processing request allocator for assignment of loads in a distributed processing system. 4,495,570, 1-22-85, Cl. 364-200.000.

Kitajima, Hiroyuki; Ohmachi, Kazuhiko; Doki, Mitsuru; Kazama, Junichi; and Kanao, Hidekazu, to Hitachi, Ltd Method of and apparatus for assigning software resources to memory devices. 4,542,458, 9-17-85, Cl. 364-200.000.

Kitajima, Hisashi: *See—*

Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,514,112, Cl. 405-269.000.

Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,545,702, Cl. 405-269.000.

Kitajima, Houdo: *See—*

Yamamoto, Takashi; and Kitajima, Houdo, 4,542,315, Cl. 310-348.000.

Kitajima, Koji: *See—*

Tsuchihashi, Gen-Ichi; Mitamura, Shuichi; and Kitajima, Koji, 4,539,420, Cl. 560-056.000.

Tsuchihashi, Genichi; Mitamura, Shuichi; Kitajima, Koji; and Kobayashi, Kumi, 4,496,755, Cl. 560-028.000.

Kitajima, Masahiko: *See—*

Kondoh, Takehiko; and Kitajima, Masahiko, 4,527,973, Cl. 432-58.000.

Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, to Fuji Photo Film Co., Ltd. Ion selective electrode and process of preparing the same. 4,528,085, 7-9-85, Cl. 204-416.000.

Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, to Fuji Photo Film Co., Ltd. Ion selective electrode and process of preparing the same. 4,555,274, 11-26-85, Cl. 148-6.14R.

Kitajima, Masao: *See—*

Arai, Fuminori; and Kitajima, Masao, 4,540,670, Cl. 436-170.000.

Kitajima, Nobuo: *See—*

Ito, Michio; Kitajima, Nobuo; Kasai, Masanao; and Ishihara, Shunichi, 4,551,003, Cl. 355-3.00R.

Kitajima, Nobuyuki; Tachibana, Yoshinori; Muraki, Asashi; and Kuzuoka, Shinichi, to Toppan Printing Co., Ltd. Method of producing ceramic ware. 4,521,355, 6-4-85, Cl. 264-60.000.

Kitajima, Tadayuki; and Kimura, Akiyoshi, to Canon Kabushiki Kaisha. Variable magnification image formation apparatus. 4,531,831, 7-30-85, Cl. 355-57.000.

Kitajima, Tadayuki; Hayakawa, Kimiaki; Ueda, Noriyoshi; and Hiroi, Masakazu, to Canon Kabushiki Kaisha. Automatic original conveying device. 4,544,148, 10-1-85, Cl. 271-3.100.

Kitajima, Tomoya; and Araki, Kunihiko, to Ricoh Company, Ltd. Motor-driven winding and rewinding camera. 4,506,965, 3-26-85, Cl. 354-173.100.

Kitakami, Hazime; Ishikawa, Hiroshi; Tezuka, Masayoshi; Adachi, Susumu; and Makinouchi, Akifumi, to Fujitsu Limited. Join operation processing system in relational model. 4,497,039, 1-29-85, Cl. 364-900.000.

Kitakizaki, Kaoru: *See—*

Kashiwagi, Yoshiyuki; Sano, Takamitsu; and Kitakizaki, Kaoru, 4,547,640, Cl. 200-144.00B.

Kashiwagi, Yoshiyuki; Noda, Yasushi; and Kitakizaki, Kaoru, 4,554,425, Cl. 200-144.00B.

Kitami, Takashi: *See—*

Ohyama, Kazuo; and Kitami, Takashi, 4,519,344, Cl. 123-55.0VF.

Kitamori, Takehiko; Fujii, Masaaki; and Sawada, Tsuguo, to Hitachi, Ltd. Photoacoustic analyzer. 4,557,137, 12-10-85, Cl. 73-24.000.

Kitamoto, Tatsuji; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,513,054, 4-23-85, Cl. 428-329.000.

Kitamoto, Tatsuji; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,515,857, 5-7-85, Cl. 428-328.000.

Kitamoto, Tatsuji; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,520,069, 5-28-85, Cl. 428-328.000.

Kitamoto, Tatsuji: *See—*

Asai, Takamitsu; Kitamoto, Tatsuji; and Akashi, Goro, 4,547,393, Cl. 427-48.000.

Shirahata, Ryuji; Yamada, Yasuyuki; Kitamoto, Tatsuji; and Akashi, Goro, 4,503,119, Cl. 428-336.000.

Umemura, Shizuo; and Kitamoto, Tatsuji, 4,554,089, Cl. 252-62.560.

Kitamura, Hajime: *See—*

Koyanagi, Shunichi; Kitamura, Hajime; Shimizu, Toshihide; and Kaneko, Ichiro, 4,528,336, Cl. 526-62.000.

Tsuchida, Michinori; Abe, Tokuji; and Kitamura, Hajime, 4,497,722, Cl. 252-62.540.

Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.

Kitamura, Hiroki: *See—*

Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.

Kitamura, Hiroshi; Nishikawa, Kaoru; and Naito, Masamitsu, to Taisei Kensetsu Kabushiki Kaisha. Moving apparatus for a pneumatically supported membrane structure. 4,556,543, 12-17-85, Cl. 52-2.000.

Kitamura, Kazuhiko, to Aisin Seiki Kabushiki Kaisha. Air suction device for diesel engine. 4,519,369, 5-28-85, Cl. 123-337.000.

Kitamura, Kazuo; and Suezawa, Mitsuru, to Toray Industries, Inc. Coating composition and the use thereof. 4,551,516, 11-5-85, Cl. 528-18.000.

Kitamura, Koichiro, to Kitamura Machinery Co., Ltd. Automatic tool changing apparatus. 4,546,532, 10-15-85, Cl. 29-568.000.

Kitamura, Kouichi: *See—*

Nagano, Mitsuo; Hirai, Koichi; Kitamura, Kouichi; Shinkai, Kenkichi; and Yasuda, Hiroshi, 4,545,942, Cl. 260-465.00D.

Kitamura, Kumpei: *See—*

Nakamura, Katsumi; and Kitamura, Kumpei, 4,496,656, Cl. 435-209.000.

Kitamura Machinery Co., Ltd.: *See—*

Kitamura, Koichiro, 4,546,532, Cl. 29-568.000.

Kitamura, Masahiro, to Tachikawa Spring Co., Ltd. Head-rest device. 4,545,618, 10-8-85, Cl. 297-410.000.

Kitamura, Masatsugu; Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, to Victor Company of Japan, Ltd. Automatic level adjustment with means for minimizing drop-out effects. 4,504,870, 3-12-85, Cl. 360-25.000.

Kitamura, Masayuki, to Koyo Seiko Company Limited. Anticreep device for annular member. 4,511,191, 4-16-85, Cl. 384-536.000.

Kitamura, Mitsuhiro; Mito, Ikuo; and Kobayashi, Kohroh, to Nippon Electric Co., Ltd. Double channel planar buried heterostructure laser. 4,525,841, 6-25-85, Cl. 372-48.000.

Kitamura, Norio: *See—*

Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, 4,532,055, Cl. 252-28.000.

Kitamura, Shuji: *See—*

Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,542,061, Cl. 428-220.000.

Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,560,609, Cl. 428-220.000.

Kitamura, Sotoo: *See—*

Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, 4,512,189, Cl. 73-296.000.

Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, 4,520,359, Cl. 340-870.190.

Kitamura, Sunao, to Aisan Kogyo Kabushiki Kaisha. Throttle control device for internal combustion engine. 4,541,378, 9-17-85, Cl. 123-333.000.

Kitamura, Susumu: *See—*

Imaya, Akihiko; and Kitamura, Susumu, 4,492,433, Cl. 350-339.00R.

Kitamura, Takanori; Matsumoto, Mitsuo; and Tamura, Masuhiko, to Kuraray Co., Ltd. Process for producing methyl lactate. 4,500,727, 2-19-85, Cl. 560-179.000.

Kitamura, Takashi, to Canon Kabushiki Kaisha. Electrostatic recording apparatus forming small non-recording regions in a recording field. 4,517,579, 5-14-85, Cl. 346-160.000.

Kitamura, Takashi, to Canon Kabushiki Kaisha. Collator with photoelectric bin fill detection. 4,520,263, 5-28-85, Cl. 250-223.00R.

Kitamura, Takashi, to Canon Kabushiki Kaisha. Information output device for recording information with varied resolution. 4,528,561, 7-9-85, Cl. 340-745.000.

Kitamura, Takashi, to Canon Kabushiki Kaisha. Semiconductor laser device with plural light sources. 4,531,217, 7-23-85, Cl. 372-50.000.

Kitamura, Takashi; Fukuura, Yukio; Tanuma, Itsuo; Shinogaya, Toshikazu; and Noda, Yuji, to Bridgestone Tire Company Limited. Sealant compositions and method of producing the same. 4,548,687, 10-22-85, Cl. 204-159.170.

Kitamura, Yasuo: *See—*

Miyazaki, Kazuhide; Kitamura, Yasuo; and Okada, Toshiteru, 4,548,684, Cl. 204-130.000.

Kitamura, Yoichiro: *See—*

Okano, Yoshio; Okuma, Yasuo; Aizawa, Kuniomi; Oyama, Yasuyoshi; and Kitamura, Yoichiro, 4,525,712, Cl. 340-825.310.

Kitamura, Yukinori: *See—*

Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,505,766, Cl. 148-175.000.

Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,536,784, Cl. 357-48.000.

Kitamura, Yutaka; Kitora, Yoshihisa; and Koyanagi, Masatoshi, to Mitsubishi Denki Kabushiki Kaisha. Alternating current generator for a car. 4,492,885, 1-8-85, Cl. 310-62.000.

Kitani, Masakatu: *See—*

Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.

Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, 4,542,395, Cl. 346-216.000.

Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,514,745, Cl. 346-216.000.

Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,531,140, Cl. 346-209.000.

Kitani, Motoe: *See—*

Segawa, Hirohisa; Kitani, Motoe; Shimizu, Takao; and Mizuno, Masanori, 4,560,857, Cl. 219-130.210.

Kitano, Hisao: *See—*

Inoue, Yoshiharu; Tanimoto, Fumio; and Kitano, Hisao, 4,524,017, Cl. 252-522.00R.

Kitano, Kazuaki: *See—*

Harada, Setsuo; Shinagawa, Susumu; and Kitano, Kazuaki, 4,521,340, Cl. 260-245.20T.

Kitano, Kisei: *See—*

Fukui, Masahiro; Kitano, Kisei; Tanaka, Masami; and Goto, Yasuyuki, 4,533,488, Cl. 252-299.610.

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- Kitano, Kissho: *See—*
  - Duvdevani, Ilan; Eckert, John A.; Schulz, Donald N.; and Kitano, Kissho, 4,523,929, Cl. 44-62.000.
  - Schulz, Donald N.; Kitano, Kissho; Burkhardt, Terry J.; and Langer, Arthur W., 4,518,757, Cl. 526-329.000.
- Kitano, Kojuro: *See—*
  - Aoki, Shigetada; Usui, Masahiko; and Kitano, Kojuro, 4,558,572, Cl. 62-378.000.
- Kitano, Kyozo: *See—*
  - Ando, Hideo; Kiyama, Kentaro; and Kitano, Kyozo, 4,517,113, Cl. 252-353.000.
  - Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, 4,545,939, Cl. 260-400.000.
  - Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, 4,561,999, Cl. 252-557.000.
- Kitano, Masuo; and Yoshino, Masahito, to Kabushiki Kaisha Suwa Seikosha. Analog electric timepiece. 4,533,257, 8-6-85, Cl. 368-202.000.
- Kitano, Masuo: *See—*
  - Ito, Jiro; Kitano, Masuo; and Sakamoto, Kenji, 4,491,424, Cl. 368-157.000.
- Kitano, Noritoshi: *See—*
  - Ide, Junya; Muramatsu, Shigeki; Nakada, Yasuo; and Kitano, Noritoshi, 4,547,520, Cl. 514-450.000.
- Kitano, Seiichi; and Ono, Yukio, to Kabushiki Kaisha Daikin Seisakusho. Clutch and brake unit. 4,515,256, 5-7-85, Cl. 192-18.00R.
- Kitano, Toshiaki: *See—*
  - Ikariishi, Koichi; Kitano, Toshiaki; Shinohara, Masanori; and Shimoji, Yasuo, 4,527,915, Cl. 384-480.000.
- Kitao, Shoichi: *See—*
  - Murata, Michihiro; and Kitao, Shoichi, 4,522,060, Cl. 73-336.500.
- Kitao, Teijiro; Setsune, Jun-ichiro; Ishihara, Shoichi; and Yamamoto, Ryoichi, to Matsushita Electric Industrial Co., Ltd. Solar energy storage materials. 4,497,724, 2-5-85, Cl. 252-70.000.
- Kitao, Zenichi; and Koizumi, Haruyuki, to Omron Tateisi Electronics Co. Alternate on-off switch mechanism. 4,495,391, 1-22-85, Cl. 200-153.00J.
- Kitao, Zenichi: *See—*
  - Koizumi, Haruyuki; Kitao, Zenichi; and Sato, Hideki, 4,532,393, Cl. 200-159.00R.
- Kitaoka, Yoshitaka: *See—*
  - Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.
- Kitasako, Masayuki: *See—*
  - Suzuki, Kaichiro; Nakaya, Keiichi; Gotoh, Tomohiro; Kitasako, Masayuki; and Iwasaki, Masaharu, 4,491,571, Cl. 423-485.000.
- Kitasato Institute, The: *See—*
  - Omura, Satoshi; and Shimizu, Hideki, 4,503,152, Cl. 435-118.000.
  - Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, 4,533,547, Cl. 424-122.000.
  - Umezawa, Iwao; Komiyama, Kanki; and Takeshima, Hideo, 4,512,976, Cl. 424-122.000.
  - Umezawa, Iwao; and Komiyama, Kanki, 4,529,542, Cl. 260-112.00R.
  - Umezawa, Iwao; and Komiyama, Kanki, 4,533,548, Cl. 514-54.000.
  - Umezawa, Iwao; and Komiyama, Kanki, 4,550,021, Cl. 424-122.000.
- Kitasato Kenkyusho: *See—*
  - Omura, Satoshi; Tanaka, Yoshitake; Iwai, Yuzuru; Takahashi, Yoko; and Nakagawa, Akira, 4,493,845, Cl. 424-279.000.
- Kitaue, Masaaki: *See—*
  - Akamatsu, Osamu; and Kitaue, Masaaki, 4,525,611, Cl. 200-83.00R.
- Kitaura, Mashio; Ishikawa, Norio; and Ishimura, Toshihiko, to Minolta Camera Kabushiki Kaisha. Acoustic indicating device for cameras. 4,512,646, 4-23-85, Cl. 354-409.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, to Fujisawa Pharmaceutical Co., Ltd. Peptide, process for preparation thereof and use thereof. 4,493,794, 1-15-85, Cl. 260-112.50R.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, to Fujisawa Pharmaceutical Co., Ltd. Peptide, process for preparation thereof and use thereof. 4,497,729, 2-5-85, Cl. 260-112.50R.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, to Fujisawa Pharmaceutical Co., Ltd. Cultures of novel strains of Streptomyces. 4,504,584, 3-12-85, Cl. 435-253.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, to Fujisawa Pharmaceutical Co., Ltd. Peptide, process for preparation thereof and use thereof. 4,512,980, 4-23-85, Cl. 514-18.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, to Fuisawa Pharmaceutical Company, Ltd. Peptide, process for preparation thereof and use thereof. 4,539,155, 9-3-85, Cl. 260-112.50R.
- Kitawaki, Nobuhiko: *See—*
  - Honda, Masaaki; Itakura, Fumitada; and Kitawaki, Nobuhiko, 4,538,234, Cl. 364-513.500.
- Kitayama, Hiroyuki; and Kobayashi, Toyoko. Electrophotographic photosensitive member with electron donor and acceptor layers. 4,535,042, 8-13-85, Cl. 430-56.000.
- Kitayama, Masayasu; Sugimori, Yoshiaki; and Ohta, Schunich, to Nihon Sanso Kabushiki Kaisha. Absorbent for treating gases containing the materials used for semiconductor products and process of treating such gases with the same. 4,535,072, 8-13-85, Cl. 502-411.000.
- Kitayama, Minoru; Nakamura, Motoharu; Hirose, Kikuji; and Tanida, Masashi, to Nippon Steel Corporation. Method of applying an annealing separator to grain oriented magnetic steel sheets. 4,537,792, 8-27-85, Cl. 427-13.000.
- Kitayama, Seishi: *See—*
  - Yato, Fumihiro; Kitayama, Seishi; and Kurematsu, Akira, 4,516,259, Cl. 381-36.000.
- Kitayama, Tatsuki: *See—*
  - Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, 4,523,000, Cl. 526-336.000.
  - Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, 4,559,389, Cl. 525-250.000.
- Kitayama, Yoshifumi: *See—*
  - Azuma, Yusaku; Kitayama, Yoshifumi; and Kawaida, Shinji, 4,510,011, Cl. 156-407.000.
- Kitayoshi, Hitoshi, to Takeda Riken Co., Ltd. Signal generator for digital spectrum analyzer. 4,539,518, 9-3-85, Cl. 324-77.00B.
- Kitazawa, Kiyoshi: *See—*
  - Hori, Kuniyuki; and Kitazawa, Kiyoshi, 4,545,885, Cl. 204-207.000.
- Kitazawa, Toshiyuki; Morisawa, Tahei; and Takahashi, Norimichi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Device for displaying data in camera viewfinder. 4,560,264, 12-24-85, Cl. 354-219.000.
- Kitazawa, Yasuhide, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Drum for music box. 4,543,870, 10-1-85, Cl. 84-96.000.
- Kitazawa, Yoichi: *See—*
  - Ohkuni, Shinichiro; and Kitazawa, Yoichi, 4,510,983, Cl. 152-361.00R.
- Kitazima, Masaaki; and Kawakami, Hideaki, to Hitachi, Ltd. Matrix display and driving method therefor. 4,532,506, 7-30-85, Cl. 340-784.000.
- Kitazume, Tomoya: *See—*
  - Ishikawa, Nobuo; and Kitazume, Tomoya, 4,532,020, Cl. 204-158.0HA.
  - Ishikawa, Nobuo; and Kitazume, Tomoya, 4,558,148, Cl. 556-488.000.
- Kitazumi, Etsuo: *See—*
  - Ohba, Hisao; Shirai, Akira; Kitazumi, Etsuo; and Kato, Norihiko, 4,545,866, Cl. 204-33.000.
- Kitch, Paul E.; Crochetiere, Raymond H.; Gudmundson, Gunnar G.; and Hadank, Walter R., to Algorex, Inc. Film splicing and identification system. 4,519,688, 5-28-85, Cl. 354-297.000.
- Kitchen, Cedric A., to Pilkington P.E. Limited. Security system. 4,538,527, 9-3-85, Cl. 109-21.000.
- Kitchen, George H., III; and Kitchen, Nancy E. Method for testing and treating stored fuel. 4,556,326, 12-3-85, Cl. 374-45.000.
- Kitchen, Nancy E.: *See—*
  - Kitchen, George H., III; and Kitchen, Nancy E., 4,556,326, Cl. 374-45.000.
- Kitchen, Terence J., to SPRI Limited. Rheometer and method of use thereof. 4,559,812, 12-24-85, Cl. 73-59.000.
- Kitchener, John A.: *See—*
  - Cash, John; and Kitchener, John A., 4,531,955, Cl. 55-185.000.
  - Cash, John; and Kitchener, John A., 4,549,856, Cl. 417-295.000.
- Kitchens, Doyle W. Bass fishing organizer. 4,551,939, 11-12-85, Cl. 43-21.200.
- Kitchens of Sara Lee, Inc.: *See—*
  - Wolf, Andrew, 4,526,795, Cl. 426-297.000.
- Kitchens, Roy A.; and DeGroff, Charles K., to National Industries, Inc. Portable splicing tool. 4,531,283, 7-30-85, Cl. 29-753.000.
- Kitchens, Roy A., to National Industries, Inc. Splice insulator assembly. 4,550,220, 10-29-85, Cl. 174-138.00F.
- Kitchin, David A., to Johns Hopkins University, The; and Intec Systems, Inc. Synchronous clock stopper for microprocessor. 4,545,030, 10-1-85, Cl. 364-900.000.
- Kitchin, Dwight W.; and Manes, Michael R., to Aspen Laboratories, Inc. Automatic tourniquet with improved pressure resolution. 4,520,820, 6-4-85, Cl. 128-327.000.
- Kitchin, Jonathan P., to Minnesota Mining and Manufacturing Company. Photographic process. 4,526,860, 7-2-85, Cl. 430-373.000.
- Kitchin, Jonathan P.: *See—*
  - Beretta, Paolo; and Kitchin, Jonathan P., 4,515,888, Cl. 430-584.000.
- Kite, John. Power plate. 4,538,555, 9-3-85, Cl. 123-52.00M.
- Kiteley, Kenneth J., to Zenith Electronics Corporation. Switching regulator power supply. 4,510,400, 4-9-85, Cl. 307-66.000.
- Kitik, Walter: *See—*
  - D'Onofrio, Anthony; and Kitik, Walter, 4,534,743, Cl. 445-24.000.
- Kitko, David J.: *See—*
  - Hardy, Frederick E.; Kitko, David J.; and Cambre, Cushman M., 4,536,314, Cl. 252-102.000.
  - Hensley, Charles A.; and Kitko, David J., 4,526,700, Cl. 252-102.000.
- Kito, Kuniji; Watanabe, Akihiro; and Mori, Shigeo, to NGK Insulators, Ltd. Electrolytic corrosion resistant insulator. 4,559,414, 12-17-85, Cl. 174-196.000.
- Kito, Makoto: *See—*
  - Hirotsuka, Motohiko; and Kito, Makoto, 4,501,694, Cl. 260-123.500.

Kito, Tutomu; Nakasuji, Norikazu; Kataoka, Takashi; Inagaki, Hiroshi; and Shibahashi, Yutaka, to Pilot Ink Co., Ltd. Method of producing reversible thermochromic display. 4,554,565, 11-19-85, Cl. 346-201.000.
Kitoh, Kyosuke: *See*—
Machida, Yoshimasa; Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Kitoh, Kyosuke; and Saito, Isao. 4,546,176, Cl. 544-21.000.
Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Machida, Yoshimasa; Saito, Isao; and Kitoh, Kyosuke. 4,513,145, Cl. 549-402.000.
Kitoo, Makoto; Honda, Yoshinori; and Kokaku, Yuuichi, to Hitachi, Ltd. Magnetic recording medium having organic protective overlayer. 4,529,651, 7-16-85, Cl. 428-336.000.
Kitoo, Makoto: *See*—
Kokaku, Yuuichi; Kitoo, Makoto; and Honda, Yoshinori, 4,560,641, Cl. 430-312.000.
Kitora, Yoshihisa: *See*—
Kitamura, Yutaka; Kitora, Yoshihisa; and Koyanagi, Masatoshi, 4,492,885, Cl. 310-62.000.
Kitrilakis, Sotiris; and Johnson, Theodore R., to Ancet Corporation. Method and apparatus for detecting blood gas. 4,535,778, 8-20-85, Cl. 128-635.000.
Kitsnik, Henrik M., to HK-Engineering Aktiebolag. Displacement pump suitable for pumping suspensions. 4,519,753, 5-28-85, Cl. 417-403.000.
Kitsukawa, Katsumasa: *See*—
Gonda, Michihiro; Kitsukawa, Katsumasa; Suzuka, Susumu; Kanasugi, Mikiko; Sato, Yutaka; and Otomo, Kikuo, 4,550,329, Cl. 346-214.000.
Kaneko, Kazuo; Gonda, Michihiro; Suzuka, Susumu; and Kitsukawa, Katsumasa, 4,539,577, Cl. 346-207.000.
Kitsunai, Tomoyuki; Saito, Kiyotaka; and Hori, Shozo, to Denki Kagaku Kogyo Kabushiki Kaisha. Thermoplastic resin composition containing iminated copolymer. 4,504,625, 3-12-85, Cl. 525-71.000.
Kitta, Toshiyuki; and Abe, Wataru, to Japanese National Railways; and Oiles Industry Co., Ltd. Metallic sheath for a posttensioning method provided with rust proofing treatment. 4,557,087, 12-10-85, Cl. 52-230.000.
Kittaka, Toshihiko: *See*—
Ogawa, Toshio; and Kittaka, Toshihiko, 4,511,483, Cl. 252-62.900.
Kittel, Friedrich: *See*—
Fadler, Kurt; and Kittel, Friedrich, 4,537,295, Cl. 192-106.200.
Kittel, Ludwig: *See*—
Bader, Edgar; Rohrbach, Gerd; Petersen, Jurgen; and Kittel, Ludwig, 4,514,840, Cl. 370-29.000.
Kitterman, B. Layton; and Glaspie, Donald L., to Glitsch, Inc. Expanded metal saddle tower packing. 4,519,960, 5-28-85, Cl. 261-94.000.
Kittle, Carl E., to Deere & Company. Differential lock control system responsive to a plurality of vehicle parameters. 4,549,448, 10-29-85, Cl. 74-710.500.
Kittle, Carl E.: *See*—
Wiegardt, Gordon K.; Hanks, Thomas W.; and Kittle, Carl E., 4,518,044, Cl. 172-7.000.
Kittle, Donald. Combination vehicle, shock absorber and tool to remove said shock absorbers from said vehicle. 4,522,090, 6-11-85, Cl. 81-55.000.
Kittle, Paul A., to Kittle, Paul A. Method for suppressing coal dust. 4,561,905, 12-31-85, Cl. 134-25.100.
Kittler, Reinhold, to Dectron Inc. Swimming pool dehumidifier. 4,557,116, 12-10-85, Cl. 62-238.600.
Kitto, David P., to Du Pont de Nemours, E. I., and Company. Method for reinforcing perfluoroelastomer compositions. 4,520,170, 5-28-85, Cl. 525-200.000.
Kitts, Earle L., Jr.: *See*—
Haugh, Eugene F.; Kitts, Earle L., Jr.; and Mickewich, Daniel J., 4,496,652, Cl. 430-569.000.
Kitz Corporation: *See*—
Nagano, Tsutomu, 4,557,286, Cl. 137-74.000.
Kitz, Steven L.: *See*—
Boone, Joe P.; Head, William J.; and Kitz, Steven L., 4,506,627, Cl. 118-708.000.
Kitzer, Peter: *See*—
Behrens, Gunter; Schmitz, Walter; Kitzer, Peter; and Rusch, Dieter, 4,555,585, Cl. 136-245.000.
Kitzis, Stanley: *See*—
Michnick, Bruce T.; and Kitzis, Stanley, 4,512,744, Cl. 433-229.000.
Kitzman, H. Charles. Grain dryer. 4,502,229, 3-5-85, Cl. 34-56.000.
Kitzmiller, George R. Solar clothes dryer. 4,514,914, 5-7-85, Cl. 34-93.000.
Kiuchi, Kazuhide: *See*—
Yoshino, Hideo; Arai, Eisuke; and Kiuchi, Kazuhide, 4,538,167, Cl. 357-59.000.
Kiuchi, Masao, to Ichikawa Woolen Textile Co., Ltd. Pressure belt for use with extended nip press in paper making machine. 4,559,258, 12-17-85, Cl. 428-156.000.
Kiuchi, Mikiho: *See*—
Matsuo, Seitaro; Kiuchi, Mikiho; and Sekimoto, Misao, 4,543,266, Cl. 427-38.000.
Kiuchi, Mitsuo: *See*—
Maruyama, Hiromi; Sasaoka, Seiji; Kiuchi, Mitsuo; and Kanehara, Hironori, 4,533,557, Cl. 426-61.000.
Kiuchi, Naoyuki: *See*—
Fujita, Shigeyoshi; Kiuchi, Naoyuki; Sasaki, Tomoyuki; and Fukuhara, Kazuyoshi, 4,545,303, Cl. 104-93.000.
Kiuchi, Seiji, to Fuji Photo Film Co., Ltd. Method of splicing a magnetic recording tape and a leader tape. 4,501,630, 2-26-85, Cl. 156-159.000.
Kiuchi, Takeo: *See*—
Ishikawa, Yoshikazu; and Kiuchi, Takeo, 4,548,181, Cl. 123-492.000.
Kiuchi, Tsutomu: *See*—
Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.
Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.
Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.
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Kiuru, Erkki: *See*—
Sipila , Heikki; Kiuru, Erkki; and Vaijarvi, Seppo, 4,520,267, Cl. 250-358.100.
Kiuru, Rainer, to Valmet Oy. Apparatus for cutting and guiding the marginal lead-in strip of paper web. 4,501,643, 2-26-85, Cl. 162-286.000.
Kivel, Daniel M.; and Weber, Gerhard M., to Grow Group, Inc. Aqueous chip resistant coating composition. 4,537,926, 8-27-85, Cl. 524-388.000.
Kivisto, George M.: *See*—
Benda, Steven J.; Kivisto, George M.; and Kivisto, Paul M., 4,552,345, Cl. 269-43.000.
Kivisto, Paul M.: *See*—
Benda, Steven J.; Kivisto, George M.; and Kivisto, Paul M., 4,552,345, Cl. 269-43.000.
Kiwak, Robert S.: *See*—
Sorensen, Ian W.; and Kiwak, Robert S., 4,555,393, Cl. 423-447.100.
Kiwior, Denis; and Riner, Victor, to Societe Alsacienne de Construction de Materiel Textile. Mechanism for actuating the weft-inserting needles of a weaving loom. 4,497,347, 2-5-85, Cl. 139-449.000.
Kiya, Nobuyuki: *See*—
Nozawa, Ryoichiro; Kiya, Nobuyuki; and Murakami, Kunihiko, 4,510,427, Cl. 318-590.000.
Nozawa, Ryoichiro; and Kiya, Nobuyuki, 4,513,234, Cl. 318-594.000.
Nozawa, Ryoichiro; and Kiya, Nobuyuki, 4,519,026, Cl. 364-167.000.
Nozawa, Ryoichiro; and Kiya, Nobuyuki, 4,534,001, Cl. 364-474.000.
Nozawa, Ryoichiro; Kiya, Nobuyuki; and Ichimura, Akio, 4,549,271, Cl. 364-474.000.
Kiya, Soichi: *See*—
Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.
Kiyama, Kentaro: *See*—
Ando, Hideo; Kiyama, Kentaro; and Kitano, Kyozo, 4,517,113, Cl. 252-353.000.
Kiyama, Masao: *See*—
Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,529,524, Cl. 252-62.590.
Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,539,129, Cl. 252-62.630.
Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,548,801, Cl. 423-594.000.
Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,561,988, Cl. 252-62.590.
Kiyama, Masatoshi: *See*—
Yamauchi, Koichi; Tsuji, Nobuo; Yamada, Yasuyuki; Funabashi, Shinichi; and Kiyama, Masatoshi, 4,503,120, Cl. 428-336.000.
Kiyohara, Toyohiko, to Mitsubishi Denki Kabushiki Kaisha. Light triggered thyristor, including a light guide, whose parameters are related by an equation. 4,500,164, 2-19-85, Cl. 350-96.100.
Kiyokane, Jerrilyn C., to Namkung Promotions Inc. Advertising article and method of making same. 4,516,793, 5-14-85, Cl. 283-103.000.
Kiyokawa, Masumi: *See*—
Ikawa, Kenji; Tokuyama, Kanji; and Kiyokawa, Masumi, 4,491,668, Cl. 549-315.000.
Kiyokawa, Morio, to Mitsubishi Denki Kabushiki Kaisha. Numerical control device. 4,497,029, 1-29-85, Cl. 364-474.000.
Kiyokawa, Morio, to Mitsubishi Denki Kabushiki Kaisha. Numerical controller. 4,524,414, 6-18-85, Cl. 364-171.000.
Kiyomatsu, Yasuhiro: *See*—
Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,494,954, Cl. 8-507.000.
Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,550,001, Cl. 264-2.600.
Kiyomiya, Tadashi: *See*—
Nakane, Yasuaki; Akamatsu, Junichi; Sakamoto, Susumu; and Kiyomiya, Tadashi, 4,525,412, Cl. 428-199.000.
Kiyomiya, Yutaka: *See*—
Sasaki, Yutaka; Kiyomiya, Yutaka; Nakamura, Toshio; Nakamura, Yoshimi; and Yamaguchi, Masanori, 4,536,483, Cl. 502-20.000.
Kiyonaga, Hisasi: *See*—
Kusama, Takeo; and Kiyonaga, Hisasi, 4,529,979, Cl. 340-825.050.

Kiyono, Yasuhiro: *See—*

Atsumi, Haruo; Iwakiri, Norio; Kiyono, Yasuhiro; and Hayakawa, Tomohiko, 4,556,768, Cl. 200-302.200.

Kiyooka, Katsumi; Harada, Atsushi; and Anbo, Kiyoshi, to Komatsu Zenoah Co. Cylinder cover. 4,494,490, 1-22-85, Cl. 123-41.560.

Kiyooka, Katsumi, to Komatsu Zenoah Co. Dust collecting device. 4,517,939, 5-21-85, Cl. 123-198.00E.

Kiyoshi, Ito: *See—*

Hirobumi, Saito; Kiyoshi, Ito; Kaichi, Higuchi; and Masao, Yamamoto, 4,516,944, Cl. 441-40.000.

Kiyoshi, Mishima: *See—*

Kunihiko, Ichikawa; and Kiyoshi, Mishima, 4,521,265, Cl. 156-229.000.

Kiyoshige, Satoshi; Fujikawa, Tadashi; and Eguchi, Shinsuke, to Nissan Motor Company, Limited. Variable capacity type vane pump with balancing groove in the cam ring. 4,558,998, 12-17-85, Cl. 418-26.000.

Kiyoshima, Hiroshi: *See—*

Kerr, Alexander F.; and Kiyoshima, Hiroshi, 4,527,497, Cl. 112-313.000.

Kiyota, Hideharu; and Horiuchi, Mitsuaki, to Hitachi, Ltd. Sputtering apparatus. 4,547,279, 10-15-85, Cl. 204-298.000.

Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha; and Mitsubishi Denki Kabushiki Kaisha. Diesel particulate filter system. 4,520,624, 6-4-85, Cl. 60-286.000.

Kiyoto, Masami: *See—*

Tachibana, Akira; and Kiyoto, Masami, 4,549,181, Cl. 340-904.000.

Kiyoto, Shinichiro; and Fujiwara, Chikara, to Mitsubishi Jukogyo Kabushiki Kaisha. Method for manufacturing a mold. 4,534,196, 8-13-85, Cl. 72-61.000.

Kiyotomo, Tsutomu, to Tokyo Shibaura Denki Kabushiki Kaisha. Plastic molding apparatus. 4,555,086, 11-26-85, Cl. 249-67.000.

Kizak, Ulrich: *See—*

Puls, Bernhard; Gruber, Hermann; Leipold, Kurt; Schonberger, Richard; Kizak, Ulrich; and Huttereer, Max, 4,539,442, Cl. 179-115.5VC.

Kizaki, Kanji: *See—*

Kato, Heiji; Kizaki, Kanji; and Baba, Seizo, 4,539,833, Cl. 72-243.000.

Kizawa, Hidenori; Fujiyama, Norimasa; Kobayashi, Jitsuo; and Ito, Akinori, to Nippon Soda Company Limited. Mucous membrane-adhering film preparation and process for its preparation. 4,517,173, 5-14-85, Cl. 424-16.000.

Kizawa, Rikiichi; and Ishigami, Shinji, to Nisshin Flour Milling Co., Ltd. Process of manufacturing barm for bakery and pastry products. 4,562,078, 12-31-85, Cl. 426-52.000.

Kizler, Wolfgang; Sieder, Wolfgang; Schopf, Hans-Joachim; Dobler, Helmut; and Gluck, Roland, to Daimler-Benz Aktiengesellschaft. Axially flexible drive disc. 4,523,916, 6-18-85, Cl. 464-98.000.

Kizu, Shuji; Ikeda, Tsutomu; and Iwamoto, Masanori, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical character reader. 4,516,265, 5-7-85, Cl. 382-48.000.

Kjaer, Jens B.: *See—*

Christiansen, Tage; Imhof, Werner; Jensen, Poul F.; Kjaer, Jens B.; Kristiansen, Bjarne; Kristensen, Kjeld; and Pedersen, Bent, 4,499,109, Cl. 426-36.000.

Kjelgaard, Tom: *See—*

Viberg, Rolf; Harrysson, Goran; and Kjelgaard, Tom, 4,495,016, Cl. 156-152.000.

Kjellin, Per G.; and Persson, Carl G. A., to Aktiebolaget Draco. 3,8-Dialkylxanthines. 4,546,182, 10-8-85, Cl. 544-273.000.

Kjellin, Per G.; and Persson, Carl G. A. Composition and methods for the treatment of chronic obstructive airway disease and cardiac disease using 3-alkylxanthines. 4,548,818, 10-22-85, Cl. 514-263.000.

KLA Instruments Corporation: *See—*

Broadbent, William H., Jr.; Buchholz, Steve; Eldredge, Peter; and Wihl, Mark J., 4,555,798, Cl. 382-8.000.

Sandland, Paul; Chadwick, Curt H.; and Dwyer, Howard I., 4,556,317, Cl. 356-237.000.

Wihl, Tim S.; and Wihl, Mark J., 4,532,650, Cl. 382-8.000.

Klaass, Reinhard M.; and Suriano, Francis J., to Garrett Corporation, The. Foil bearing alignment. 4,502,795, 3-5-85, Cl. 384-103.000.

Klaass, Reinhard M.; and Suriano, Francis J., to Garrett Corporation, The. Foil bearing alignment. 4,555,187, 11-26-85, Cl. 384-103.000.

Klaassen, Alan W.; and Bezman, Richard D., to Chevron Research Company. Promoter for the oxidation of SO_2 in an FCC process. 4,544,645, 10-1-85, Cl. 502-66.000.

Klaassen, Francois M.: *See—*

Maas, Henricus G. R.; Klaassen, Francois M.; and Appels, Johannes A., 4,545,110, Cl. 29-571.000.

Klaassen, Klaas B., to International Business Machines Corporation. High frequency magnetic recording method. 4,547,817, 10-15-85, Cl. 360-29.000.

Klaebo, Per, to A/S Kongsberg Vapenfabrikk. Compressor diffuser non-return valve and method for starting gas turbine engines. 4,538,410, 9-3-85, Cl. 60-39.020.

Klaeger, Karlheinz. Hand powered liquid atomizer. 4,519,527, 5-28-85, Cl. 222-383.000.

Klages, Chester F., Jr.: *See—*

Doorley, Richard B.; Henninger, Paul J.; Klages, Chester F., Jr.; and Shetter, Jerrold K., 4,556,127, Cl. 184-3.100.

Klagmann, Josef, to Golden Team Sportartikel GmbH. Shoe. 4,494,322, 1-22-85, Cl. 36-28.000.

Klaila, William J. Racket having a refrigerant contained therein for heat dissipation. 4,512,574, 4-23-85, Cl. 273-73.00J.

Klamer, Reuben B.: *See—*

Robjent, Frederick B.; and Klamer, Reuben B., 4,553,767, Cl. 280-11.210.

Klamm, George F. Fish filleting kit. 4,531,260, 7-30-85, Cl. 17-70.000.

Klammer, Mark S.; and Decko, Del P., to Johnson Fishing, Inc. Shock-absorbing bow mount for trolling motor. 4,555,233, 11-26-85, Cl. 440-56.000.

Klamt, Manfred, to Siemens Aktiengesellschaft. Autoconverter with improved charging switch system. 4,562,527, 12-31-85, Cl. 363-89.000.

Klancnik, Alvin R., to Sealy, Incorporated. Fire-resistant mattress and high strength fire-retardant composite. 4,504,991, 3-19-85, Cl. 5-459.000.

Klancnik, Kenneth A.: *See—*

Kancnik, Adolph V.; and Klancnik, Kenneth A., 4,537,389, Cl. 269-34.000.

Klann, Horst. Spring cramp. 4,527,782, 7-9-85, Cl. 267-177.000.

Klann, Horst. Spring cramp, particularly for axle springs of motor vehicles. 4,541,614, 9-17-85, Cl. 254-10.500.

Klapdor, Ute: *See—*

Amort, Jurgen; Hanisch, Horst; Klapdor, Ute; van der Maas, Hendrikus; and Suerken, Hans-Peter, 4,540,777, Cl. 536-102.000.

Klar, Adrian: *See—*

Elmis, Herbert; and Klar, Adrian, 4,509,072, Cl. 358-17.000.

Klar, Erhard; Hashiguchi, Don H.; and Dietrich, Ronald J., to SCM Corporation. Cupreous catalyst and process making same. 4,504,597, 3-12-85, Cl. 502-225.000.

Klar, Erhard: *See—*

Hashiguchi, Don H.; Klar, Erhard; and Dietrich, Ronald J., 4,520,130, Cl. 502-345.000.

Klar, Gerhard. Machine for manufacturing bag-like two-compartment packages, particularly tea bags. 4,506,490, 3-26-85, Cl. 53-134.000.

Klara, Walter S.: *See—*

Chan, Yuen H.; Dickerson, James E.; Klara, Walter S.; Kwap, Theodore W.; and Mosley, Joseph M., 4,529,894, Cl. 307-454.000.

Klaren, Dick G., to Esmil B.V. Method of operating a liquid-liquid heat exchanger. 4,522,252, 6-11-85, Cl. 165-1.000.

Klargester Environmental Engineering Ltd.: *See—*

Rowland, Gerald, 4,526,685, Cl. 210-138.000.

Klarhorst, Gunter: *See—*

Vaillant, Michael; and Klarhorst, Gunter, 4,518,404, Cl. 55-256.000.

Klaschka, John T., to Sodic Societe Anonyme. Fluidised beds. 4,535,706, 8-20-85, Cl. 110-245.000.

Klaschka, Rudolf. Capacitor can housing, process and apparatus for its manufacture. 4,513,873, 4-30-85, Cl. 220-89.00A.

Klaschka, Rudolf; and Wolf, Franz J. Composite cover plate and application of the same. 4,514,788, 4-30-85, Cl. 361-433.000.

Klasen, Daniel A.; and Denucci, John F., to Vollrath Company, The. Refrigerator door pull and latch assembly. 4,540,207, 9-10-85, Cl. 292-341.170.

Klason, Tore C. F.: *See—*

Kubat, Josef; and Klason, Tore C. F., 4,559,376, Cl. 524-13.000.

Klass, Donald L.; and Landahl, Carl D., to Institute of Gas Technology. Gas sweetening by membrane permeation. 4,561,864, 12-31-85, Cl. 55-16.000.

Klatt, Alfred, to WABCO Fahrzeugbremsen GmbH. Transmission gear shift control system. 4,507,736, 3-26-85, Cl. 364-424.100.

Klatt, Alfred, to WABCO Fahrzeugbremsen GmbH. Accelerator pedal mechanism for optimizing fuel economy. 4,510,906, 4-16-85, Cl. 123-396.000.

Klatt, Alfred, to WABCO Fahrzeugbremsen GmbH. Power operated, remotely controlled transmission. 4,543,856, 10-1-85, Cl. 74-866.000.

Klatt, Alfred, to WABCO Westinghouse Fahrzeugbremsen GmbH. Method and apparatus to automatically determine the weight or mass of a moving vehicle. 4,548,079, 10-22-85, Cl. 73-432.00R.

Klatt, Alfred: *See—*

Gudat, Wolfgang; Klatt, Alfred; and Sebesta, Gunter, 4,523,513, Cl. 91-427.000.

Seegers, Gunter; Sebesta, Gunter; and Klatt, Alfred, 4,494,571, Cl. 137-596.160.

Klatt, John H.; and Scheib, Thomas J., to Babcock & Wilcox Company, The. Sootblowing system with identification of model parameters. 4,539,840, 9-10-85, Cl. 73-112.000.

Klatte, Bernd: *See—*

Knochel, Arndt; Eggers, Ingo; Klatte, Bernd; and Wilken, Rolf-Dieter, 4,519,996, Cl. 423-249.000.

Klaubert, Dieter H.; Bell, Stanley C.; Pattison, Thomas W.; and Rees, Richard W., to American Home Products Corporation. Antiinflammatory 5H-tetrazolo (5,1-c)(1,4)benzodiazepine derivatives. 4,495,101, 1-22-85, Cl. 260-239.30T.

Klaubert, Dieter H.; and Bell, Stanley C., to American Home Products Corporation. Process for the production of 2,6-diaminobenzonitrile derivatives. 4,504,660, 3-12-85, Cl. 544-163.000.

Klaubert, Dieter H.; and Sellstedt, John H., to American Home Products Corporation. Process for preparing 1-H-tetrazole-5-thiols and intermediate compounds. 4,526,978, 7-2-85, Cl. 548-251.000.

Klaue, Kaj, to Synthes Ltd. (U.S.A.). Surgical compression plate and drill guide. 4,493,317, 1-15-85, Cl. 128-92.00D.

Klaue, Kaj, to Synthes AG. Surgical compression plate. 4,513,744, 4-30-85, Cl. 128-92.00D.

Klauer Manufacturing Company: *See—*

Kutsch, Harold G.; and Ehrlich, Earl A., 4,545,291, Cl. 98-42.210.

Klauke, Erich; and Findeisen, Kurt, to Bayer Aktiengesellschaft. Process for the preparation of acyl cyanides. 4,555,370, 11-26-85, Cl. 260-545.00R.

- Klauke, Erich: *See—*
  - Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, 4,518,812, Cl. 568-946.000.
  - Baasner, Bernd; Hagemann, Hermann; and Klauke, Erich, 4,533,776, Cl. 568-946.000.
  - Baasner, Bernd; and Klauke, Erich, 4,558,166, Cl. 570-144.000.
  - Forster, Heinz; Klauke, Erich; Priesnitz, Uwe; Riebel, Hans-Jochem; Eue, Ludwig; and Schmidt, Robert R., 4,518,416, Cl. 71-94.000.
  - Forster, Heinz; Klauke, Erich; Eue, Ludwig; Schmidt, Robert R.; and Lurssen, Klaus, 4,549,899, Cl. 71-90.000.
  - Fuchs, Rainer; Klauke, Erich; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,529,557, Cl. 260-465.00D.
  - Hagemann, Hermann; Klauke, Erich; and Kysela, Ernst, 4,549,994, Cl. 260-544.00F.
  - Kuhle, Engelbert; Brandes, Wilhelm; Rosslenbroich, Hans-Jurgen; and Klauke, Erich, 4,496,575, Cl. 514-390.000.
  - Kuhle, Engelbert; Klauke, Erich; Paulus, Wilfried; and Genth, Hermann, 4,513,003, Cl. 514-411.000.
  - Marhold, Albrecht; and Klauke, Erich, 4,533,777, Cl. 570-144.000.
  - Sirrenberg, Wilhelm; Klauke, Erich; and Hammann, Ingeborg, 4,533,676, Cl. 514-535.000.
  - Sirrenberg, Wilhelm; Maurer, Fritz; Klauke, Erich; Becker, Benedikt; and Stendel, Wilhelm, 4,552,900, Cl. 514-269.000.
- Klaus, Artur; and Wilhelm, Hans, to Signode Corporation. Pneumatically operable fastener driving tool. 4,509,668, 4-9-85, Cl. 227-8.000.
- Klaus, Artur F., to Signode Corporation. Nail driving tool. 4,558,811, 12-17-85, Cl. 227-116.000.
- Klaus, Dale A., to International Export Company. Lighting fixture with triple insulating means. 4,514,792, 4-30-85, Cl. 362-294.000.
- Klaus, Gersmann, to Bayerische Motoren Werke AG. Headrest in passenger cars. 4,511,180, 4-16-85, Cl. 297-408.000.
- Klaus, Hermann: *See—*
  - Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, 4,528,174, Cl. 423-488.000.
- Klaus, Kaspar. Device for the parking of automobile vehicles. 4,551,054, 11-5-85, Cl. 414-229.000.
- Klaus, Michael; Loeliger, Peter; and Weiser, Harald, to Hoffmann-La Roche Inc. 4,5,6,7-Tetrahydro-4,4,7,7-tetramethylbenzo[b]thien-2-yl or furan-2-yl derivatives. 4,535,086, 8-13-85, Cl. 514-337.000.
- Klaus, Rainer: *See—*
  - Koch, Klaus; Klaus, Rainer; Syrbius, Gerhard; and Schaeffer, Hans-Joachim, 4,530,761, Cl. 210-407.000.
- Klaus, Thomas R.: *See—*
  - Skutta, Frank R.; and Klaus, Thomas R., 4,545,072, Cl. 455-183.000.
- Klausen, Jorn H.; Rasmussen, Laurits B.; and Hansen, Svend, to Danfoss A/S. Magnetic valve. 4,529,166, 7-16-85, Cl. 251-141.000.
- Klausing, Karl-Heinz: *See—*
  - Wahlmann, Ernst; and Klausing, Karl-Heinz, 4,518,201, Cl. 297-316.000.
- Klausz, Istvan: *See—*
  - Asszonyi, Csaba; Klausz, Istvan; Kmety, Istvan; Meitzen, Nandor; and Pasztor, Rezso, 4,505,622, Cl. 405-288.000.
- Klausz, Remy, to Compagnie Generale de Radiologie. Tomodensitometry process and tomodensitometer suitable for this process. 4,530,109, 7-16-85, Cl. 378-8.000.
- Klaver, Rudy F.: *See—*
  - Chin, Thomas G.; Klaver, Rudy F.; and Alston, Arthur, 4,523,860, Cl. 374-27.000.
- Klawitter, Jerome J.; and Cromie, Harry W., to Hemex, Inc. Suture rings for heart valves. 4,535,483, 8-20-85, Cl. 623-2.000.
- Klawitter, Ronald R., to Handi-Pac, Inc. Kaleidoscope assembly. 4,494,820, 1-22-85, Cl. 350-4.100.
- Klawitter, Ronald R., to Handi-Pac, Inc. Adjustable skate fastener. 4,504,072, 3-12-85, Cl. 280-11.310.
- Klawitter, Ronald R., to Handi-Pac, Inc. Toy assembly. 4,507,097, 3-26-85, Cl. 446-236.000.
- Klawitter, Ronald R., to Handi-Pac, Inc. Toy computer busy box assembly. 4,536,164, 8-20-85, Cl. 446-143.000.
- Klawitter, Ronald R., to Handi-Pac, Inc. Toy computer image processor assembly. 4,550,503, 11-5-85, Cl. 33-18.00R.
- Klay, William F. Door lock. 4,515,401, 5-7-85, Cl. 292-170.000.
- Klayman, Daniel L.; Scovill, John P.; Bartosevich, Joseph F.; Mason, Carl J.; and Griffin, T. Scott, to United States of America, Army. Medicinal 2-acetyl- and 2-propionylpyridine thiosemicarbazones and preparation thereof. 4,493,930, 1-15-85, Cl. 544-360.000.
- Klebanoff, Steven L., to Ruskin Manufacturing Company. Damper with integral support. 4,524,678, 6-25-85, Cl. 98-1.000.
- Klebe, Hans; Koth, Detlev; Kerner, Dieter; Schmid, Josef; and Schmid, Manfred, to Degussa Aktiengesellschaft. Process for the hydrophobization of pyrogenically produced silica. 4,503,092, 3-5-85, Cl. 427-213.000.
- Kleber, Heinrich: *See—*
  - Neumann, Klaus; and Kleber, Heinrich, 4,545,218, Cl. 62-514.00R.
  - Sitte, Hellmuth; and Kleber, Heinrich, 4,551,992, Cl. 62-514.00R.
  - Sitte, Helmuth; Cooper, Terry W.; and Kleber, Heinrich, 4,511,224, Cl. 350-523.000.
- Kleber, Kurt. Steam kiln. 4,494,683, 1-22-85, Cl. 223-51.000.
- Klebold, Franklin R. Combination collapsible funnel and canister therefor. 4,557,378, 12-10-85, Cl. 206-223.000.
- Klebovich, Imre: *See—*
  - Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
  - Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,510,338, Cl. 568-766.000.
- Klecka, Miro E., to Shell Oil Company. Removal of H_2S from sour gas streams with subsequent sulfur separation. 4,517,170, 5-14-85, Cl. 423-573.00R.
- Klecka, Miro E., to Shell Oil Company. Sulfur separation process. 4,518,577, 5-21-85, Cl. 423-573.00R.
- Kleczkowski, S. Peter: *See—*
  - Bauck, Randall C.; Kleczkowski, S. Peter; and Radman, Anton J., 4,502,083, Cl. 360-99.000.
- Kledewski, Peter: *See—*
  - Ilgner, Hartmut; Kledewski, Peter; and Heun, Reinhard, 4,528,147, Cl. 261-128.000.
- Klee, David J., to Air Products and Chemicals, Inc. Work-holding fixture for cryogenic decoating. 4,519,171, 5-28-85, Cl. 51-419.000.
- Klee, David J.; and Ehnot, Donald J., to Air Products and Chemicals, Inc. Continuous deflashing system. 4,524,548, 6-25-85, Cl. 51-322.000.
- Klee, David J., to Air Products and Chemicals, Inc. Thermally insulated chamber. 4,527,844, 7-9-85, Cl. 312-214.000.
- Klee, David J., to Air Products and Chemicals, Inc. Exhaust control for cryogenic freezer. 4,528,819, 7-16-85, Cl. 62-63.000.
- Klee, David J.: *See—*
  - Burke, Thomas W.; and Klee, David J., 4,524,550, Cl. 51-424.000.
- Klee, Howard W., Jr., to Chevron Research Company. Method for removal of hydrogen sulfide. 4,525,338, 6-25-85, Cl. 423-573.00G.
- Kleeb, Linda L.: *See—*
  - Kleeb, Thomas R.; and Kleeb, Linda L., 4,514,531, Cl. 524-5.000.
- Kleeb, Thomas R.; Criss, George H.; and McCreight, Donald O., to Dresser Industries, Inc. Silica castables. 4,506,025, 3-19-85, Cl. 501-124.000.
- Kleeb, Thomas R.; and Kleeb, Linda L., to Dresser Industries, Inc. Monolithic refractories comprising a hydrocolloid. 4,514,531, 4-30-85, Cl. 524-5.000.
- Kleeb, Thomas R.: *See—*
  - Petrak, Daniel R.; Winkelbauer, Howard M.; Kleeb, Thomas R.; and Wang, Ke-Chin, 4,557,884, Cl. 264-65.000.
- Kleeberg, Heinz: *See—*
  - Engemann, Detlef; Fischer, Dieter; and Kleeberg, Heinz, 4,531,062, Cl. 250-578.000.
- Kleeberg, Wolfgang; Hauschildt, Klaus-Robert; Hacker, Heinz; and Kretzschmar, Klaus, to Siemens Aktiengesellschaft. Method for the manufacture of epoxy resin molding materials. 4,528,358, 7-9-85, Cl. 528-94.000.
- Kleefeldt, Frank; and Raetz, Rolf, to Kiekert GmbH & Co. Kommanditgesellschaft. Automobile power door latch. 4,518,180, 5-21-85, Cl. 292-201.000.
- Kleefisch, Blaise H.: *See—*
  - Wierzba, Robert B.; Snyder, Robert G.; and Kleefisch, Blaise H., 4,545,411, Cl. 141-91.000.
- Kleefstra, Meindert J., to U.S. Philips Corporation. X-ray analysis apparatus with pulse amplitude shift correction. 4,546,488, 10-8-85, Cl. 378-49.000.
- Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, to Degussa Aktiengesellschaft. Nα-(3-Cyanopropanoyl)-aminocarboxylic acid derivatives and their use. 4,511,719, 4-16-85, Cl. 546-245.000.
- Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, to Degussa Aktiengesellschaft. Process for the recovery of S-(carboxymethyl)-(R)-cysteine and S-(carboxymethyl)-(S)-cysteine. 4,551,548, 11-5-85, Cl. 562-402.000.
- Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, to Degussa Aktiengesellschaft. Process for obtaining pure L-leucine. 4,562,152, 12-31-85, Cl. 435-116.000.
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  - Bergstein, Wolfgang; Friedrich, Heinz; Kleemann, Axel; Prescher, Gunther; and Beschke, Helmut, 4,496,729, Cl. 544-336.000.
  - Drauz, Karlheinz; and Kleemann, Axel, 4,533,766, Cl. 568-771.000.
  - Drauz, Karlheinz; and Kleemann, Axel, 4,551,562, Cl. 568-771.000.
  - Engel, Jurgen; Kleemann, Axel; Posselt, Klaus; Stroman, Fritz; and Thiemer, Klaus, 4,542,159, Cl. 514-653.000.
  - Karrenbauer, Michael; Kleemann, Axel; Lussling, Theodor; and Schafer, Fritz, 4,550,199, Cl. 562-556.000.
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  - Schwarze, Werner; Kleemann, Axel; Remmel, Hans; and Hohn, Wolfgang, 4,520,209, Cl. 560-124.000.
- Kleemann, Heinz-Werner: *See—*
  - Hoppe, Dieter; and Kleemann, Heinz-Werner, 4,496,723, Cl. 544-90.000.
- Kleemann, Wolfgang: *See—*
  - Klose, Sigmar; Stahler, Fritz; Lange, Hans; and Kleemann, Wolfgang, 4,515,889, Cl. 435-4.000.
  - Klose, Sigmar; Pasch, Manfred; Kleemann, Wolfgang; Vieth, Friedhelm; and Buschek, Herbert, 4,557,600, Cl. 356-246.000.
- Klees, Garry W. Pouring cap. 4,497,422, 2-5-85, Cl. 222-482.000.
- Klees, Garry W.; and Wright, Charles P., to Boeing Company, The. Internally ventilated noise suppressor with large plug nozzle. 4,501,393, 2-26-85, Cl. 239-265.130.
- Klefbeck, Robert J. Signal light for fishing rods and tip ups. 4,528,554, 7-9-85, Cl. 340-573.000.
- Klefisch, Rudolf. Conveyor belt. 4,531,631, 7-30-85, Cl. 198-853.000.

Kleger, Ferdinand; and Zeller, Hans, to Perfekta Maschinenbau Ferdinand Kleger AG. Apparatus for cutting out flat goods or structures applied to a base fabric. 4,546,546, 10-15-85, Cl. 30-273.000.

Klehr, Peter: *See—*

  Schanz, Klaus; Schwind, Albert; Grund, Hartmut; and Klehr, Peter, 4,539,195, Cl. 423-419.00P.

Kleiber, Herbert: *See—*

  Bloch, Samuel; Bressler, Klaus; Idler, Horst; and Kleiber, Herbert, 4,506,332, Cl. 364-483.000.

Kleiman, William J., to Rockwell International Corporation. Soldering tool for a robot. 4,493,449, 1-15-85, Cl. 228-7.000.

Klein, Artur, to General Electric Company. Gang saw for cutting blocks of stone. 4,498,450, 2-12-85, Cl. 125-16.00R.

Klein, Christiane: *See—*

  Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, 4,547,834, Cl. 361-386.000.

Klein, Edward P., to Westvaco Corporation. Method for washing a fibrous particle mat with wash liquor having an impact energy sufficient to disrupt and rearrange the interstitial pore matrix. 4,491,501, 1-1-85, Cl. 162-60.000.

Klein, Edward P., to Westvaco Corporation. Apparatus for washing paper pulp. 4,505,137, 3-19-85, Cl. 68-62.000.

Klein, Edward P.; and Nissan, Alfred H., to Westvaco Corporation. Belt washing improvements. 4,539,827, 9-10-85, Cl. 68-3.0SS.

Klein, Edward P.; and Neider, Thomas M., to Westvaco Corporation. Apparatus for measuring concentration of dissolved solids in a pulp mat. 4,560,440, 12-24-85, Cl. 162-263.000.

Klein, Elias; and Beach, Douglas J., to Tracor, Inc. Apparatus for preparation of infusion grade water. 4,495,067, 1-22-85, Cl. 210-87.000.

Klein, Eric, to Fabriques d'horlogerie de Fontainemelon S.A. Step-by-step motor unit. 4,550,279, 10-29-85, Cl. 318-696.000.

Klein, Ernst, to A&A Manufacturing Co., Inc. Cable carrier. 4,499,720, 2-19-85, Cl. 59-78.100.

Klein, Erwin, to BBC Aktiengesellschaft Brown, Boveri & Cie. Power semiconductor component for boiling cooling. 4,520,383, 5-28-85, Cl. 357-81.000.

Klein, Erwin, to BBC Aktiengesellschaft Brown, Boveri & Cie. Power semiconductor component for cooling by boiling or liquids. 4,520,384, 5-28-85, Cl. 357-82.000.

Klein, Erwin, to Brown, Boveri & Cie AG. Power semiconductor component for liquid cooling. 4,521,170, 6-4-85, Cl. 357-81.000.

Klein, Gary G. High efficiency bicycle frame. 4,500,103, 2-19-85, Cl. 280-281.00R.

Klein, Gary S., to Eaton Corporation. Flame retardent electrical cable. 4,500,748, 2-19-85, Cl. 174-121.00A.

Klein, Gerhard; Arlt, Dieter; and Braden, Rudolf, to Bayer Aktiengesellschaft. Cyclic keto-butyraldehydes a process for their preparation, and their use in the preparation of cyclic diisocyanates. 4,505,860, 3-19-85, Cl. 260-453.00A.

Klein, Gregory L.; and Burton, C. Leonard, to Textron, Inc. Air bearing. 4,521,121, 6-4-85, Cl. 384-100.000.

Klein, Gunter, to GESIPA Blindniettechnik Gesellschaft mit beschrankter Haftung. Hydropneumatic blind riveter with automatic mandrel catcher. 4,515,005, 5-7-85, Cl. 72-391.000.

Klein, Hans-Jorg; and Bohmer, Herbert, to Kraftwerk Union Aktiengesellschaft. Case for accommodating written material for presentation purposes. 4,524,867, 6-25-85, Cl. 206-232.000.

Klein, Harold A., to Colt Industries Operating Corp. Compact multiple spindle boring head with quick change tool supports. 4,493,595, 1-15-85, Cl. 408-46.000.

Klein, Harvey A. Surgical needle holder. 4,491,135, 1-1-85, Cl. 128-340.000.

Klein, Harvey A. Method and device for making a twisted wire connection with reduced incidence of breakage. 4,527,554, 7-9-85, Cl. 128-92.00B.

Klein, Helmut: *See—*

  Hubner, Wolfgang; Klein, Helmut; Goldacker, Erhard; and Schroers, Otto, 4,530,943, Cl. 523-318.000.

  Moeller, Friedrich-Wilhelm; Buchold, Henning; Klein, Helmut; Garkisch, Otto-Ludwig; Guetlhuber, Friedrich; and Laber, Walter, 4,549,032, Cl. 585-445.000.

Klein, Henri: *See—*

  Goedert, Jean; Thill, Fernand; Henrion, Romain; Klein, Henri; Liesch, Jean-Francois; and Peckels, Jean, 4,524,958, Cl. 266-272.000.

Klein, Herbert H., to Unarco Industries, Inc. Storage rack with wood cross bars and end bracket for the same. 4,558,838, 12-17-85, Cl. 248-235.000.

Klein, Horst, to Blendax-Werke R. Schneider GmbH & Co. Electrically operated toothbrush. 4,506,400, 3-26-85, Cl. 15-22.00R.

Klein, Howard J.; and Szekeres, Gabor L. Container seal with tamper indicator. 4,511,052, 4-16-85, Cl. 215-230.000.

Klein, Howard P.: *See—*

  Cuscurida, Michael; and Klein, Howard P., 4,523,025, Cl. 560-26.000.

Klein, Ivan D.: *See—*

  Winters, Donald C.; and Klein, Ivan D., 4,532,006, Cl. 162-3.000.

Klein, Jerry A.: *See—*

  Faggin, Federico; Klein, Jerry A.; Yazolino, Lauren F.; Korody, Robert G.; Ha, Eric P. L.; and Kerman, Stephen, 4,524,244, Cl. 179-2.0DP.

Klein, Joachim; Widdecke, Hartmut; Doscher, Frank; and Pohl, Fritz, to Hoechst Aktiengesellschaft. Process for the fluorination of polymers, and perfluorinated ion exchangers. 4,522,952, 6-11-85, Cl. 521-31.000.

Klein, John M. Adjustable gun rack for automotive passenger compartments. 4,560,134, 12-24-85, Cl. 248-511.000.

Klein, Joseph T.: *See—*

  Davis, Larry; and Klein, Joseph T., 4,524,209, Cl. 546-148.000.

  Davis, Larry; and Klein, Joseph T., 4,536,578, Cl. 544-360.000.

  Effland, Richard C.; Klein, Joseph T.; and Hamer, R. Richard L., 4,517,195, Cl. 514-413.000.

  Effland, Richard C.; and Klein, Joseph T., 4,546,105, Cl. 514-334.000.

  Effland, Richard C.; Davis, Larry; and Klein, Joseph T., 4,551,474, Cl. 514-309.000.

Klein, Julian L.; Nelson, James A.; and Smith, Terrence J., to Ryko Manufacturing Company. Automatic vehicle washer. 4,527,578, 7-9-[illegible] Cl. [illegible]-57.00R.

Klein, [illegible]rgen; and Schulz, Peter, to Bergwerksverband GmbH. Method for r[illegible]on of moist powder adsorption agents. 4,535,065, 8-13-8[illegible] [illegible]2-21.000.

Klein, Jurg[illegible] *See—*

  Degel, Josef; Henning, Klaus-Dirk; Klein, Jurgen; and Wybrands, Klaus, 4,491,609, Cl. 427-215.000.

Klein, Karl-Heinz, to K-Tron Soder A.G. Apparatus for compensating a pressurized vessel on a scale. 4,494,678, 1-22-85, Cl. 222-77.000.

Klein, Karl-Heinz: *See—*

  Kraus, Josef; and Klein, Karl-Heinz, 4,548,346, Cl. 228-47.000.

Klein, Kenneth: *See—*

  Conner, Donald E.; and Klein, Kenneth, 4,515,774, Cl. 424-59.000.

Klein, Klaus W.: *See—*

  Bocker, Jurgen; Klein, Klaus W.; and Gersbach, Klaus, 4,559,876, Cl. 102-520.000.

Klein, Klaus-Walter; Bocker, Jurgen; Glotz, Gerhard; and Gersbach, Klaus, to Rheinmetall GmbH. Impact projectile assembly. 4,516,502, 5-14-85, Cl. 102-523.000.

Klein, Lawrence F.: *See—*

  Candis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., 4,510,165, Cl. 426-439.000.

  Candis, Andrew A.; Benson, Clark K.; and Klein, Lawrence F., 4,554,865, Cl. 99-353.000.

Klein, Max. Filtering device for treating contaminated aqueous solutions. 4,505,823, 3-19-85, Cl. 210-668.000.

Klein, Michael: *See—*

  Struck, Helmut; Richter, Karl H.; Klein, Michael; Ruth, Ulrich; and Ulke, Walter, 4,522,418, Cl. 280-95.00A.

Klein, Philipp H.: *See—*

  Addamiano, Arrigo; and Klein, Philipp H., 4,512,825, Cl. 148-175.000.

Klein, Raymond, to Kollmorgen Technologies Corp. Photodetector automatic adaptive sensitivity system. 4,554,460, 11-19-85, Cl. 250-578.000.

Klein, Robert D.: *See—*

  Brist, Kenneth; and Klein, Robert D., 4,549,072, Cl. 219-400.000.

Klein, Robert R.: *See—*

  Wagensommer, Joseph; Klein, Robert R.; and Lundberg, Robert D., 4,532,302, Cl. 525-343.000.

Klein, Robert W.; and Foxx, Mary E., to Dermik Laboratories, Inc. Erythromycin/benzoyl peroxide composition for the treatment of acne. 4,497,794, 2-5-85, Cl. 424-81.000.

Klein, Rolf D.: *See—*

  Eing A., Hubert I.; and Klein, Rolf D., 4,516,205, Cl. 364-200.000.

Klein, Rudolf: *See—*

  Dettke, Manfred; and Klein, Rudolf, 4,517,060, Cl. 204-44.000.

Klein, Schanzlin & Becker Aktiengesellschaft: *See—*

  Dernedde, Robert; Franke, Hans-Joachim; and Havekost, Peter, 4,518,311, Cl. 415-102.000.

  Feldle, Gunter; and Fischer, Klaus, 4,536,128, Cl. 415-219.00C.

Klein, Thomas E.: *See—*

  Morgan, John W., II; and Klein, Thomas E., 4,528,672, Cl. 373-75.000.

Klein, Walter; and Mangold, Hans, to Grundig E.M.V. Television set. 4,528,597, 7-9-85, Cl. 358-254.000.

Klein-Wanner Societe Anonyme: *See—*

  Schirmann, Francis, 4,524,084, Cl. 426-590.000.

Klein, Werner; and Leo, Heinz, to Messer Griesheim GmbH. Welding and/or cutting torch. 4,533,078, 8-6-85, Cl. 228-45.000.

Klein, Wilfried; Klink, Erich; Najmann, Knut; and Wernicke, Friedrich, to International Business Machines Corporation. Phase splitter with integrated latch circuit. 4,542,309, 9-17-85, Cl. 307-513.000.

Klein, Wilfried. Dry-head or deluge-type valve for fire-extinguishing systems. 4,552,221, 11-12-85, Cl. 169-22.000.

Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, to Daimler-Benz Aktiengesellschaft. Fairing which folds flat independantly of its mirror. 4,511,214, 4-16-85, Cl. 350-632.000.

Klein, Wilhelm: *See—*

  Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.

Klein, William T. Pollution prevention device. 4,520,852, 6-4-85, Cl. 141-86.000.

Klein, Wolfgang, to Akzo N.V. Arrangement for filtering a liquid. 4,531,954, 7-30-85, Cl. 55-159.000.

Klein, Yosef: *See—*

  Robin, Seymour; and Klein, Yosef, 4,509,053, Cl. 343-708.000.

Kleinberg, Larry K.; and Evans, Don S., to Urban Engineering Co., Inc. Surgical instrument and method of making same. 4,543,857, 10-1-85, Cl. 76-101.00R.

Kleinberg, Leonard L., to United States of America, Administrator, National Aeronautics and Space Administration. Reactanceless synthesized impedance bandpass amplifier. 4,521,702, 6-4-85, Cl. 307-520.000.

Kleinberg, Leonard L., to United States of America, National Aeronautics and Space Administration. JFET Reflection oscillator. 4,553,110, 11-12-85, Cl. 331-116.0FE.

Kleinberg, Roger: *See—*
- Buckholz, Lawrence, Jr.; Wilson, Richard A.; and Kleinberg, Roger, 4,514,094, Cl. 366-160.000.
- Buckholz, Lawrence, Jr.; Wilson, Richard A.; and Kleinberg, Roger, 4,514,431, Cl. 426-641.000.

Kleindienst Aquatec GmbH & Co. KG: *See—*
- Muller, Heinz-Joachim, 4,526,870, Cl. 436-110.000.

Kleindienst GmbH: *See—*
- Bihler, Franz; and Abele, Anton, 4,556,229, Cl. 280-5.220.

Kleine, Richard A.: *See—*
- Barsness, Gerald H.; and Kleine, Richard A., 4,556,044, Cl. 126-77.000.

Kleine-Vennekate, Gerd: *See—*
- Kronschnabel, Hartmut; Goerings, Wilhelm; Bolingen, Johann; and Kleine-Vennekate, Gerd, 4,502,642, Cl. 241-79.100.

Kleine, Werner, to Gebruder Heller Dinklage GmbH Werkzeugfabrik. Tool for boring an enlarged portion within the interior of a hole and a tiltable tool for completing that tool. 4,531,596, 7-30-85, Cl. 175-384.000.

Kleinedler, Gary E.; and Pohl, Herbert A., to AT&T Technologies, Inc. High speed contact insertion facility. 4,519,132, 5-28-85, Cl. 29-845.000.

Kleinekathofer, Wolfgang: *See—*
- Wiegard, Klaus; Kinast, Karlheinz; Kleinekathofer, Wolfgang; and Tank, Eggert, 4,551,396, Cl. 428-678.000.

Kleiner, Eduard K.: *See—*
- Kaschig, Jurgen; Kleiner, Eduard K.; Mueller, Karl F.; and Cooke, Thomas W., 4,515,640, Cl. 106-287.250.

Kleiner, Frank; Kubens, Rolf; Reese, Eckart; and Wank, Joachim, to Bayer Aktiengesellschaft. Polycarbonate/polybutylene terephthalate film. 4,515,925, 5-7-85, Cl. 525-439.000.

Kleiner, Frank: *See—*
- Salzburg, Herbert; Reinking, Klaus; and Kleiner, Frank, 4,529,666, Cl. 428-475.800.

Kleiner, Hans-Jerg; and Dursch, Walter, to Hoechst Aktiengesellschaft. Process for the preparation of vinylphosphonic acid diesters and vinylphosphonic acid. 4,493,803, 1-15-85, Cl. 260-968.000.

Kleiner, Hans-Jerg, to Hoechst Aktiengesellschaft. Process for preparing chlorodiphenylphosphane. 4,521,346, 6-4-85, Cl. 260-543.00P.

Kleiner, Hans-Jerg, to Hoechst Aktiengesellschaft. Process for preparing chlorophenylphosphanes. 4,521,347, 6-4-85, Cl. 260-543.00P.

Kleiner, Hans-Jerg; and Dursch, Walter, to Hoechst Aktiengesellschaft. Process for the preparation of vinylphosphonic acid dichloride and 2-chloroethanephosphonic acid dichloride. 4,548,762, 10-22-85, Cl. 260-543.00P.

Kleiner, Raymond W.: *See—*
- Kleiner, Rudolph R.; Kleiner, Raymond W.; and Bowie, Richard T., Sr., 4,538,557, Cl. 123-78.00E.

Kleiner, Rudolph R.; Kleiner, Raymond W.; and Bowie, Richard T., Sr. Internal combustion engine. 4,538,557, 9-3-85, Cl. 123-78.00E.

Kleiner, Walter, to Staeubli Ltd. Method and apparatus for controlling a rotation dobby. 4,552,184, 11-12-85, Cl. 139-66.00R.

Kleinert, Michael; Moller, Rainer; and Stelzer, Horst, to VEB Zentrum fur Forschung und Technologie Mikroelektronik. Apparatus for guiding gas for LP CVD processes in a tube reactor. 4,509,456, 4-9-85, Cl. 118-715.000.

Kleinert, Reiner: *See—*
- Szczesny, Adolf; Kleinert, Reiner; Jedo, Antoni; and Gutorski, Zygmunt, 4,514,300, Cl. 210-342.000.

Kleinewefers GmbH: *See—*
- Pav, Josef; Hartwich, Gerhard; and Prey, Jorg, 4,491,283, Cl. 242-67.10R.
- Pav, Josef; and Jaegers, Heinz, 4,497,246, Cl. 100-35.000.
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- Rauf, Richard; Pav, Josef; and Scholl, Klaus, 4,514,887, Cl. 29-116.0AD.

Kleinhans, Michel; and Gaffre, Michel, to U.S. Philips Corporation. Method of manufacturing a single crystal of a III-V compound. 4,528,062, 7-9-85, Cl. 156-611.000.

Kleinhans, William A., to Rockwell International Corporation. Electro-optic sensor for measuring angular orientation. 4,500,200, 2-19-85, Cl. 356-152.000.

Kleinhappl, Erich: *See—*
- Marsoner, Hermann; Ritter, Christoph; Kleinhappl, Erich; and Strutz, Winfried, 4,512,953, Cl. 422-67.000.

Kleinherne, Herbert: *See—*
- Hofmann, Heinz; Striepeke, Wilhelm; Werner, Manfred; Kleinherne, Herbert; and Zillessen, Christoph, 4,507,021, Cl. 405-288.000.

Kleinhuber, Harald. Apparatus for measuring the dimensions of cylindrical objects by means of a scanning laser beam. 4,561,778, 12-31-85, Cl. 356-387.000.

Kleinman, Edward F.: *See—*
- Pirie, Donald K.; Volkmann, Robert A.; and Kleinman, Edward F., 4,499,017, Cl. 260-245.20R.

Kleinnibbelink, Gerrit J.; and Timmer, Anton O., to Thomassen & Drijver-Verblifa N.V. Method of checking the coating of a metal surface and device for carrying out the same. 4,542,296, 9-17-85, Cl. 250-359.100.

Kleinophorst Geb. Schadel, Edith; and Grosskreuz, Gerhard. Apparatus for controlling the filling of containers. 4,523,616, 6-18-85, Cl. 141-83.000.

Kleinschmidt, Lothar; Wallroth, Carl F.; and Harms, Heye, to Dragerwerk Aktiengesellschaft. Gas dosing device for medical apparatus. 4,542,740, 9-24-85, Cl. 128-204.210.

Kleinschmit, Einhard: *See—*
- Scheurenbrand, Dieter; Stotz, Manfred; Distel, Manfred; and Kleinschmit, Einhard, 4,518,091, Cl. 220-5.00A.

Kleinschmit, Peter: *See—*
- Gliem, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, 4,529,532, Cl. 252-62.000.
- Kerner, Dieter; Kleinschmit, Peter; Parkhouse, Alan; and Wolff, Siegfried, 4,514,231, Cl. 106-309.000.
- Panster, Peter; Michel, Rudolf; Kleinschmit, Peter; and Deschler, Ulrich, 4,507,490, Cl. 556-427.000.
- Schmidt, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, 4,529,630, Cl. 427-397.700.
- Strack, Hans; Kleinschmit, Peter; and Parr, Ehrfried, 4,542,115, Cl. 502-64.000.

Kleinschmit, Peter K.: *See—*
- Panster, Peter; Grethe, Horst; and Kleinschmit, Peter K., 4,552,700, Cl. 556-9.000.

Kleintjens, Ludovicus A. L.; and Grooten, Hubertus M. J., to Stamicarbon B.V. Process for the preparation of benzoic acid. 4,539,425, 9-3-85, Cl. 562-412.000.

Kleintjens, Ludovicus A. L.; and Grooten, Hubertus M. J., to Stamicarbon B.V. Process for the preparation of pharmaceutical benzoic acid. 4,547,587, 10-15-85, Cl. 562-494.000.

Kleiven, Atle: *See—*
- Boe, Jan; Haugland, Tor-Arvid; Selvaer, Ole-Kristian; and Kleiven, Atle, 4,552,086, Cl. 114-242.000.

Klem, Per G., to Harding A/S. Life saving system for marine structure. 4,522,144, 6-11-85, Cl. 114-348.000.

Kleman, John: *See—*
- Darlington, Rex F.; and Kleman, John, 4,524,750, Cl. 124-23.00R.

Klemarczyk, Philip T., to International Flavors & Fragrances Inc. Substituted methyl isopropyl oxocyclohexane derivatives, organoleptic uses thereof and process for preparing same. 4,493,791, 1-15-85, Cl. 252-522.00R.

Klemarczyk, Philip T., to International Flavors & Fragrances Inc. Use in augmenting or enhancing aroma of perfumed article with acyloxy alkanols and esters thereof. 4,498,996, 2-12-85, Cl. 252-8.600.

Klemarczyk, Philip T., to International Flavors & Fragrances Inc. Substituted methyl isopropyl oxocyclohexane derivatives, organoleptic uses thereof and process for preparing same. 4,501,918, 2-26-85, Cl. 500-231.000.

Klemarczyk, Philip T.: *See—*
- Sprecker, Mark A.; Klemarczyk, Philip T.; and Belko, Robert P., 4,492,645, Cl. 252-522.00R.

Klemesrud, James H., to Doboy Packaging Machinery, Inc. Apparatus and method for closing reclosable bags. 4,490,960, 1-1-85, Cl. 53-135.000.

Klemm, Gerhard. Screen printing machine. 4,510,864, 4-16-85, Cl. 101-123.000.

Klemm, Gunter, to Hydroc Gesteinsbohrtechnik GmbH. Percussion tool. 4,527,641, 7-9-85, Cl. 175-92.000.

Klemm, Norbert: *See—*
- Krieger, Friedrich; and Klemm, Norbert, 4,502,245, Cl. 49-193.000.

Klempke, William D.: *See—*
- Vieau, Robert G.; and Klempke, William D., 4,507,897, Cl. 51-209.00R.

Klenk, Emil; and Heina, Karl-Fritz, to Maschinenbau Oppenweiler Binder GmbH & Co. Tightening means for at least one presser belt associated with a tail pulley of a continuous sheet feeder. 4,508,214, 4-2-85, Cl. 198-833.000.

Klenk, Herbert, to Degussa Aktiengesellschaft. Process for the production of 2-amino-5-mercapto-1,3,4-thiadiazole. 4,492,793, 1-8-85, Cl. 548-141.000.

Klenk, Martin: *See—*
- Britsch, Heinz; Klenk, Martin; Linder, Ernst; and Moser, Winfried, 4,542,727, Cl. 123-435.000.

Klepesch, Philip H. Total flow turbine. 4,529,354, 7-16-85, Cl. 415-71.000.

Klepesch, Philip H. Continuous blade multi-stage pump. 4,531,887, 7-30-85, Cl. 415-90.000.

Klepner, Stephen P., to International Business Machines Corporation. Groundplane post-etch anodization. 4,514,254, 4-30-85, Cl. 156-656.000.

Kleppe, Peder J.; and Storebraten, Sverre, to M. Peterson & Son A/S. Process for delignification of chemical wood pulp using sodium sulphite or bisulphite prior to oxygen-alkali treatment. 4,560,437, 12-24-85, Cl. 162-65.000.

Klepper, John R.; Reid, John M.; Miwa, Hirohide; Shimura, Takaki; and Murakami, Keiichi. Apparatus for measuring the characteristics of an ultrasonic wave medium. 4,534,220, 8-13-85, Cl. 73-599.000.

Kleppner, Stephan: *See—*
- Kemmner, Ulrich; and Kleppner, Stephan, 4,507,063, Cl. 417-540.000.

Kleschick, William A., to Dow Chemical Company, The. Selective preparation of isomers and enantiomers of cyclopropane carboxylic acids. 4,515,956, 5-7-85, Cl. 548-230.000.

Kleschick, William A., to Dow Chemical Company, The. Process for making optically active esters of phenoxyphenoxypropionic acids or pyridyloxyphenoxypropionic acids. 4,532,328, 7-30-85, Cl. 546-302.000.

Klesel, Peter: *See—*
- Pfleger, Albert; and Klesel, Peter, 4,553,585, Cl. 165-41.000.

Klesius, Phillip H.; and Brown, Bobby G., to United States of America, Agriculture. Implantation device for use in vivo stimulation and collection of monocytes from peritoneum of vertebrate. 4,505,277, 3-19-85, Cl. 128-769.000.

Klesse, Wolfgang: *See—*
- Siol, Werner; Klesse, Wolfgang; Suetterlin, Norbert; and Rauch, Hubert, 4,539,361, Cl. 524-458.000.

Klessing, Klaus, to Willmar Schwabe GmbH & Co. Optionally N-substituted aminodesoxy-1.4;3.6-dianhydrohexitol derivatives. 4,535,158, 8-13-85, Cl. 544-118.000.

Klessing, Klaus; and Chatterjee, Shyam S., to Willmar Schwabe GmbH & Co. Alkylaminodesoxy-1.4;3.6-dianhydrohexitol nitrates substituted by purine bases and pharmaceutical compositions. 4,542,137, 9-17-85, Cl. 514-265.000.

Klett, Robert J.: *See—*
- Spars, Byron G.; Klett, Robert J.; and Wallman, P. Henrik, 4,507,195, Cl. 208-11.00R.
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Klett, Rolf. Apparatus for measuring jaw movement. 4,495,952, 1-29-85, Cl. 128-777.000.

Klever, Manfred; and Schlosser, Guenther, to Gutbrod Werke GmbH. Apparatus for pelletizing and distributing lawn clippings. 4,558,559, 12-17-85, Cl. 56-16.400.

Kley, Victor B. Electronic illumination control. 4,561,731, 12-31-85, Cl. 350-510.000.

Kliatzkin, Vladimir; Krimerman, Joseph; and Mayraz, Eliezer. Impeller for a wind motor. 4,547,124, 10-15-85, Cl. 416-86.000.

Klie, Jurgen: *See—*
- Hennig, Eberhard; Klie, Jurgen; and Wellendorf, Klaus, 4,516,155, Cl. 358-80.000.

Klie, Wolfgang: *See—*
- Huber, Guntram; Fischer, Wolfgang; and Klie, Wolfgang, 4,542,925, Cl. 293-120.000.

Klieber, Josef: *See—*
- Korkemeier, Hans; Martschik, Walter; and Klieber, Josef, 4,561,387, Cl. 123-41.310.

Klieman, Charles H.; and Densmore, Richard M., to Klieman, Charles H. Spring activated hemostatic clip applicator. 4,522,207, 6-11-85, Cl. 128-325.000.

Klier, Michael: *See—*
- Werner, Christian; and Klier, Michael, 4,502,782, Cl. 356-5.000.

Kliesch, Wilfried; Koch, Friedrich-Otto; Wahl, Hans-Jurgen; Krebs, Rolf; Schorr, Peter; and Strauch, Heinz, deceased (by Strauch, Ruth, Christel Strauch, legal representatives), to Hoesch Werke Aktiengesellschaft. Method and device for controlling the welding process in the manufacturing of pipes with longitudinal seams. 4,535,215, 8-13-85, Cl. 219-61.500.

Klietz, Jurgen: *See—*
- Grosse, Arsene; Harder, Hans E.; and Klietz, Jurgen, 4,541,424, Cl. 128-92.0EB.

Kliever, Leland B.: *See—*
- Falk, John C.; and Kliever, Leland B., 4,542,179, Cl. 524-432.000.

Klievoneit, Harold R., to St. Florian Company, Ltd. Pneumatic clamp mounting for a disc. 4,509,298, 4-9-85, Cl. 51-237.00R.

Kliewer, Wayne R.: *See—*
- Lemanski, Michael F.; and Kliewer, Wayne R., 4,544,673, Cl. 518-713.000.

Klijanowicz, James E.; and Kovacs, Csaba A., to Eastman Kodak Company. Color-forming carboxamidonaphthalene dye precursor and carboximide dye in photographic material and process. 4,536,598, 8-20-85, Cl. 564-49.000.

Klijanowicz, James E.: *See—*
- Gabrielsen, Rolf S.; Graham, Patricia A.; Klijanowicz, James E.; and Stern, Max H., 4,499,304, Cl. 564-92.000.
- Gabrielsen, Rolf S.; Graham, Patricia A.; and Klijanowicz, James E., 4,507,479, Cl. 544-348.000.

Kliklok Corporation: *See—*
- Baker, Thomas R.; Hittenberger, William H.; and Posen, Boris J., 4,549,876, Cl. 493-169.000.
- Bryson, John W.; and Hittenberger, William H., 4,493,682, Cl. 493-174.000.
- Henry, Nelson R.; Cutler, Duncan B.; and Warner, William L., 4,538,692, Cl. 177-1.000.

Klima, Frank J., to Sturm, Warren A. Rotary drill bit seal. 4,552,233, 11-12-85, Cl. 175-371.000.

Klima, Walter F. Low energy ion etching. 4,530,734, 7-23-85, Cl. 156-628.000.

Klimas, Paul C.: *See—*
- Cyrus, Jack D.; Kadlec, Emil G.; and Klimas, Paul C., 4,504,192, Cl. 416-41.000.

Klimaschka, Norbert: *See—*
- John, Willy; Klimaschka, Norbert; Wagner, Arno; and Meyer, Gunther, 4,558,825, Cl. 241-171.000.

Klimeck, Edward F.: *See—*
- Ackerman, Walter T.; and Klimeck, Edward F., 4,514,102, Cl. 401-78.000.

Klimeck, Hugo; and Wilken, Gerhard, to Gebr. Eickhoff Maschinenfabrik und Eisengiesserei m.b.H. Device for interconnecting two sections of a longwall mining machine track. 4,516,809, 5-14-85, Cl. 299-43.000.

Klimenkov, Stepan S.: *See—*
- Stepanenko, Alexandr V.; Voitov, Vladimir G.; Klimenkov, Stepan S.; Bartashevich, Svyatoslav A.; and Karpitsky, Viktor S., 4,545,229, Cl. 72-73.000.

Klimes, Stanislav: *See—*
- Henzl, Jindrich; Kuda, Vladimir; Vasicek, Vladimir; and Klimes, Stanislav, 4,557,299, Cl. 139-452.000.

Klimo, Robert G., to Invacare Corporation. Electric wheelchair with improved control circuit. 4,511,825, 4-16-85, Cl. 318-67.000.

Klimowicz, Michael A.; Toliusis, Vytautas J.; and Loveless, Stanley M., to Humphrey Products Company. Plunger-type valve. 4,501,299, 2-26-85, Cl. 137-625.650.

Klimpert, Randall J.; and Meyer, Burton C., to Marvin Glass & Associates. Impact responsive toy. 4,508,521, 4-2-85, Cl. 446-486.000.

Klimpl, Fred E., to Koch Engineering Co., Inc. Tile-lined pipe with subdivided tiles therein and methods of production thereof. 4,526,208, 7-2-85, Cl. 138-144.000.

Klimsch/Optronics, Inc.: *See—*
- Morrill, David R.; Mason, Mark T.; and Green, Paul M., 4,516,023, Cl. 250-235.000.
- Warner, Andrew; and Zlotek, David A., 4,518,920, Cl. 328-14.000.
- Warner, Andrew, 4,518,998, Cl. 358-208.000.

Kline, Albert E.: *See—*
- Greenlee, Donald R.; and Kline, Albert E., 4,530,398, Cl. 166-123.000.

Kline, Charles M., to Sperry Corporation. Hydraulic motor bypass apparatus. 4,519,209, 5-28-85, Cl. 60-433.000.

Kline, Charles M., to Sperry Corporation. Drive chain adjuster. 4,527,655, 7-9-85, Cl. 180-246.000.

Kline, Gerald R.; and Lakin, Kenneth M., to United States of America, Energy. Acoustic resonator and method of making same. 4,502,932, 3-5-85, Cl. 204-192.0EC.

Kline, Gerald R.; and Lakin, Kenneth M., to United States of America, Energy. Acoustic resonator with Al electrodes on an AlN layer and using a GaAs substrate. 4,556,812, 12-3-85, Cl. 310-324.000.

Kline, Jacob: *See—*
- Eckstein, Eugene C.; Block, Norman L.; Kline, Jacob; and Pinchuk, Leonard, 4,527,293, Cl. 623-12.000.

Kline, James R.; and Brand, Peter, to Acutherm, Ltd. Change-over diffuser. 4,515,069, 5-7-85, Cl. 98-40.00D.

Kline, James R.; and Brand, Peter, to Acutherm, Ltd. Thermally actuated diffuser. 4,523,713, 6-18-85, Cl. 236-1.00C.

Kline, John W.; and Ward, Donald W., to Goodyear Tire & Rubber Company, The. Apparatus for forming a co-extrusion from extruded strips. 4,526,528, 7-2-85, Cl. 425-133.500.

Kline, Mark H.: *See—*
- Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,516,199, Cl. 364-200.000.
- Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,527,237, Cl. 364-200.000.

Kline, Mark L.; and Ross, Oakley G., to General Dynamics, Pomona Division. Precooled detector leads. 4,546,614, 10-15-85, Cl. 62-62.000.

Kline, Mark L.; and Ross, Oakley G., to General Dynamics, Pomona Division. Cryogenic detector post. 4,546,621, 10-15-85, Cl. 62-514.00R.

Kline, Richard H., to General Motors Corporation. Battery grid and method of making same. 4,534,091, 8-13-85, Cl. 29-2.000.

Kline, Richard H., to General Motors Corporation. Battery grid. 4,535,040, 8-13-85, Cl. 429-234.000.

Kline, William T.; and Mittelstadt, Robert F., to Boeing Company, The. Breather material and method of coating fabric with silicone rubber. 4,548,859, 10-22-85, Cl. 428-251.000.

Kline, William T.: *See—*
- Gants, Wilbur L.; Kline, William T.; and Sneddon, Jonathan T., 4,559,005, Cl. 425-363.000.

Klinedinst, Keith A.; and Schlaikjer, Carl R., to GTE Automatic Electric Laboratories Incorporated. High rate electrochemical cell. 4,495,266, 1-22-85, Cl. 429-105.000.

Kling, Alfred: *See—*
- Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,510,068, Cl. 252-186.290.
- Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,526,582, Cl. 8-107.000.

Kling, Dieter: *See—*
- Balsys, Manfred; Kling, Dieter; Maier, Hans; Miller, Franz; and Schmid, Walter, 4,522,223, Cl. 137-240.000.

Kling, John P.: *See—*
- Althouse, Rickie M.; Beamenderfer, Robert E.; Durbin, Roger; Hollyday, Robert D.; and Kling, John P., 4,519,665, Cl. 339-147.00R.
- English, James M.; Gurreri, Nicholas L.; and Kling, John P., 4,553,114, Cl. 333-182.000.

Kling, Michael J.: *See—*
- Marino, Joseph A.; Kling, Michael J.; and Roth, Sydney J., 4,502,324, Cl. 73-117.300.

Klingaman, Richard: *See—*
- Joshi, David; and Klingaman, Richard, 4,549,977, Cl. 252-90.000.

Klingel, Hans, to Trumpf GmbH & Co. Punch press with multitool punch assembly. 4,555,966, 12-3-85, Cl. 83-71.000.

- Klingel, Hans: *See—*
  - Weck, Manfred; Klingel, Hans; and Werntze, Georg, 4,492,513, Cl. 414-729.000.
- Klingel, Walter C., Sr. Multi-characteristics seal member for testing uncapped container means. 4,519,618, 5-28-85, Cl. 277-228.000.
- Klingenfeld, Dietmar: *See—*
  - Schorcht, Adelbrecht; Klingenfeld, Dietmar; Hesse, Reiner; Dastis, Rainer; and Linz, Volker, 4,496,970, Cl. 358-101.000.
- Klingenmeier, Erich A.: *See—*
  - Michalik, Horst B.; and Klingenmeier, Erich A., 4,538,517, Cl. 101-227.000.
- Klingensmith, David R.: *See—*
  - Campbell, Steven J.; Stickley, Keith A.; and Klingensmith, David R., 4,505,279, Cl. 130-27.00T.
- Klingensmith, G. Bruce; Whitehead, Richard O.; and Higgins, Thair L., to Shell Oil Company. Rubberless high impact polypropylene. 4,536,537, 8-20-85, Cl. 524-481.000.
- Klingensmith, George B.: *See—*
  - Hwo, Charles C.; Klingensmith, George B.; and Martone, John A., 4,554,321, Cl. 525-240.000.
- Klingensmith, James D.: *See—*
  - Hovland, Lyle W.; and Klingensmith, James D., 4,510,502, Cl. 343-880.000.
- Klingenstein, Klaus: *See—*
  - Schadlich, Fritz; Rieker, Werner; Thaler, Rainer; and Klingenstein, Klaus, 4,515,303, Cl. 227-131.000.
- Klingenstein, Walter: *See—*
  - Fink, Roland; Bartos, Hubert; Noschilla, Herbert; and Klingenstein, Walter, 4,530,391, Cl. 164-155.000.
- Klinger AG: *See—*
  - Huber, Richard, 4,502,663, Cl. 251-174.000.
  - Huber, Richard; and Wirz, Peter, 4,546,790, Cl. 137-315.000.
  - Sledmere, Alan B., 4,512,190, Cl. 73-319.000.
- Klinger, Christine L. Infant safety seat attachment. 4,540,219, 9-10-85, Cl. 297-487.000.
- Klinger, Dieter: *See—*
  - Plath, Ernst-Dieter; and Klinger, Dieter, 4,535,608, Cl. 66-9.00R.
- Klinger, Lance T., to Xerox Corporation. Adaptively stabilized recording for direct read after write optical memories. 4,538,257, 8-27-85, Cl. 369-106.000.
- Klinger, Max H. Receptacle for containing disposable cloths and a stick-like container. 4,524,871, 6-25-85, Cl. 206-233.000.
- Klingler, Thomas C.: *See—*
  - Schmidt, Donald L.; Klingler, Thomas C.; and Wessling, Ritchie A., 4,528,384, Cl. 549-78.000.
- Klingshield South Africa (Proprietary) Limited: *See—*
  - Levy, Leon A.; and Matthews, Anthony, 4,559,732, Cl. 40-595.000.
- Klink, Erich: *See—*
  - Klein, Wilfried; Klink, Erich; Najmann, Knut; and Wernicke, Friedrich, 4,542,309, Cl. 307-513.000.
- Klink, Josef: *See—*
  - Koelle, Erwin; and Klink, Josef, 4,560,202, Cl. 297-410.000.
- Klink, Rainer, to Deutsche Automobilgesellschaft mit beschrankter Haftung. Frictional lining for a wet clutch or brake. 4,522,290, 6-11-85, Cl. 192-107.00M.
- Klinkel, Wolfgang, to Eurobreva Engineering Trust. Packaging machine with sealing means. 4,553,377, 11-19-85, Cl. 53-548.000.
- Klinkowski, Peter R., to Dorr-Oliver Incorporated. Producing a solid polymeric electrolyte. 4,513,032, 4-23-85, Cl. 427-336.000.
- Klinner, Wilfred E., to National Research Development Corporation. Crop engaging apparatus and methods. 4,499,712, 2-19-85, Cl. 56-16.400.
- Klinner, Wilfred E., to National Research Development Corporation. Crop engaging apparatus and methods. 4,502,267, 3-5-85, Cl. 56-13.600.
- Klinner, Wilfred E., to National Research Development Corporation. Crop engaging device. 4,512,146, 4-23-85, Cl. 56-364.000.
- Klinner, Wilfred E., to National Research Development Corporation. Apparatus and method of picking up and conveying cut crop. 4,516,390, 5-14-85, Cl. 56-364.000.
- Klinner, Wilfred E.; and Knight, Andrew C., to National Research Development Corporation. Crop comminuting apparatus having vibrating cutting blades. 4,518,124, 5-21-85, Cl. 241-101.700.
- Klinner, Wilfred E., to National Research Development Corporation. Crop conditioning apparatus and method. 4,528,806, 7-16-85, Cl. 56-16.400.
- Klinner, Wilfred E., to National Research Development Corporation. Apparatus and method for conveying and/or treating crop. 4,539,798, 9-10-85, Cl. 56-16.400.
- Klinner, Wilfred E., to National Research Development Corporation. Crop engaging device and method. 4,545,188, 10-8-85, Cl. 56-364.000.
- Klintland: *See—*
  - Nilsson, Karl I., 4,519,104, Cl. 4-484.000.
- Klioze, Solomon S., to Hoechst-Roussel Pharmaceuticals Inc. cis-4a-Aryl-1,2,3,4,4a,9b-hexahydro-benzofuro[3,2-c]pyridines and their anti-convulsant and analgesic activity. 4,507,306, 3-26-85, Cl. 514-291.000.
- Klioze, Solomon S., to Hoechst-Roussel Pharmaceuticals Inc. Cis-4a-aryl, 1, 2, 3, 4, 4A, 9B-hexahydro-benzofuro-[3,2-C]- pyridines useful as analgesics. 4,544,745, 10-1-85, Cl. 546-89.000.
- Klipfontein Organic Products Corporation Limited: *See—*
  - Morgan, David L., 4,500,506, Cl. 423-474.000.
  - Morgan, David L., 4,529,578, Cl. 423-474.000.
- Klippan GmbH Sicherheitsgerate: *See—*
  - Weman, Olaf, 4,522,426, Cl. 280-808.000.
- Klipper, Reinhold: *See—*
  - Krimm, Heinrich; Buysch, Hans-Josef; Lange, Peter M.; and Klipper, Reinhold, 4,511,722, Cl. 548-231.000.
- Klippert, Heinz: *See—*
  - Engelmann, Manfred; Plewan, Otto; Kraus, Helmut; and Klippert, Heinz, 4,546,135, Cl. 524-158.000.
- Klisch, Stephen C.; Lai, Kuo-Yann; and Robbins, Clarence R., to Colgate-Palmolive Company. Mild liquid detergent compositions. 4,554,098, 11-19-85, Cl. 252-547.000.
- Klisky, Jan: *See—*
  - Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.
- Klittich, Klaus. Feeding bottle with tubular housing for clamping flexible container. 4,533,057, 8-6-85, Cl. 215-11.00E.
- Kljuchko, Gennady V.; Padalka, Valentin G.; Sablev, Leonid P.; and Stupak, Rimma I. Plasma arc apparatus for applying coatings by means of a consumable cathode. 4,492,845, 1-8-85, Cl. 219-121.00P.
- Kljuchnikov, Valery F.: *See—*
  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
- Kloap, Philip: *See—*
  - Bahnck, Norman; and Kloap, Philip, 4,556,362, Cl. 414-744.00B.
- Klobas, John: *See—*
  - Dulski, John; and Klobas, John, 4,557,314, Cl. 164-287.000.
- Klober, Martin, to Diehl GmbH & Co. Incendiary mixture constituted of metals. 4,508,580, 4-2-85, Cl. 149-19.910.
- Klochko, Viktor A.: *See—*
  - Uretsky, Yan S.; Mnekin, Ravil V.; Rygalin, Viktor G.; Grechinsky, Dmitry A.; and Klochko, Viktor A., 4,493,213, Cl. 73-664.000.
- Klochkov, Evgeny I.: *See—*
  - Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.
- Klocke, Harald; and Thomsen, Uwe H., to H. Kuhnke GmbH KG. Electro-fluidic control device. 4,561,344, 12-31-85, Cl. 91-358.00A.
- Klockenbusch, Heinrich: *See—*
  - Ahrens, Norbert; Heinemann, Otto; Klockenbusch, Heinrich; and Kluger, Wolfgang, 4,539,782, Cl. 52-192.000.
- Klocker, Leo. Device for shaving wood with cylinder saws. 4,549,586, 10-29-85, Cl. 144-3.00R.
- Klocker, Otto: *See—*
  - Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, 4,520,173, Cl. 525-403.000.
- Klockner-Becorit GmbH: *See—*
  - Gotte, Elmar; and Schulte, Heinrich, 4,524,859, Cl. 198-735.000.
  - Heiermann, Siegfried; and Lachner, Hans, 4,552,038, Cl. 81-57.380.
  - Lubojatzki, Walter, 4,511,290, Cl. 405-292.000.
  - Watermann, Willy; and Hachenberg, Winfried, 4,557,635, Cl. 405-296.000.
- Klockner CRA Technologie GmbH: *See—*
  - Chitil, Manfred, 4,555,267, Cl. 75-46.000.
  - Hein, Karl; Hubig, Markus; and Seroka, Helmut, 4,552,342, Cl. 266-175.000.
- Klockner-Humboldt-Deutz AG: *See—*
  - Barin, Ihsan; Gamroth, Michael; Hesse, Rolf; and Wirosoedirdio, Soegianto, 4,497,780, Cl. 423-88.000.
  - Bauer, Hans; and Schmitz, Heinz-Withold, 4,491,277, Cl. 241-5.000.
  - Becker, Jorgen; Hendricks, Arno; Herchenbach, Horst; Steinbiss, Eberhard; and Rensinghoff, Werner, 4,541,245, Cl. 60-648.000.
  - Eckert, Rolf, 4,513,703, Cl. 123-193.0CH.
  - Guttmann, Friedrich W., 4,494,736, Cl. 266-265.000.
  - Herchenbach, Horst; Seelen, Fritz; Ramesohl, Hubert; Hundgen, Peter; and Schilling, Horst, 4,505,051, Cl. 34-57.00E.
  - Herchenbach, Horst; and Abelitis, Andris, 4,530,661, Cl. 432-106.000.
  - Herchenbach, Horst; and Ramesohl, Hubert, 4,533,396, Cl. 106-100.000.
  - Hilbrans, Hermann; and Rao, Chatty, 4,491,470, Cl. 75-5.000.
  - Hug, Franz; Johler, Franz; and Franke, Reimar, 4,497,327, Cl. 130-27.00T.
  - Jordan, Friedrich, 4,505,238, Cl. 123-193.0CH.
  - Klotmann, Fred; and Ramesohl, Hubert, 4,500,285 Cl. 432-103.000.
  - Klotmann, Fred; and Filges, Ralf, 4,511,266, Cl. 384-441.000.
  - Knepper, Herbert, 4,537,260, Cl. 172-9.000.
  - Kunze, Oswald, 4,511,333, Cl. 432-106.000.
  - Melcher, Gerhard; and Wuth, Wolfgang, 4,493,732, Cl. 75-24.000.
  - Nau, Walter; and Carstensen, Jes, 4,537,423, Cl. 280-759.000.
  - Noack, Horst-Gunter, 4,496,281, Cl. 415-111.000.
  - Nolte, Albert; and Wallenfang, Gerd, 4,501,241, Cl. 123-367.000.
  - Pfeiffer, Roland; and Waldhecker, Heinz-Dieter, 4,537,626, Cl. 75-35.000.
  - Pufal, Rolf H., 4,558,871, Cl. 277-84.000.
  - Rake, Heinrich; Herchenbach, Horst; Jager, Gernot; and Franck, Gerhard, 4,498,930, Cl. 106-100.000.

  - Ramesohl, Hubert; Seelen, Fritz; Filges, Ralf; Schroder, Karlheinz; and Veiser, Elmar, 4,508,503, Cl. 432-109.000.
  - Schleiermacher, Herbert; and Bauer, Lothar, 4,497,287, Cl. 123-52.0MC.
  - Steinbiss, Eberhard; Herchenbach, Horst; Ramesohl, Hubert; and Wolter, Albrecht, 4,496,396, Cl. 106-100.000.
  - Steinbiss, Eberhard; and Herchenbach, Horst, 4,517,020, Cl. 106-100.000.
  - Strauss, Werner, 4,559,135, Cl. 209-455.000.
  - Weber, Thomas, 4,527,622, Cl. 165-166.000.
  - Weber, Thomas; and Haselbauer, Franz, 4,531,357, Cl. 60-39.070.
  - Wolter, Albrecht; and Herchenbach, Horst, 4,504,319, Cl. 106-100.000.
  - Wolter, Albrecht; and Herchenbach, Horst, 4,556,428, Cl. 106-102.000.
  - Zenker, Walter, 4,494,638, Cl. 192-48.910.
- Klockner-Humboldt-Deutz AG Zweigniederlassung Fahr: *See—*
  - Binder, Berthold; and Purrer, Josef, 4,555,065, Cl. 241-241.000.
  - Lepoix, Louis, 4,505,510, Cl. 296-70.000.
  - Schaible, Siegfried, 4,557,189, Cl. 100-4.000.
- Klockner-Humboldt-Wedag AG: *See—*
  - Herchenbach, Horst; Wolter, Albrecht; and Steinbiss, Eberhard, 4,507,153, Cl. 106-100.000.
- Klockner-Werke Aktiengesellschaft: *See—*
  - Berstermann, Wilhelm; Grisar, Ulrich; and Koerfer, Egon, 4,544,270, Cl. 356-313.000.
  - Berstermann, Wilhelm, 4,556,315, Cl. 356-313.000.
  - Kreyenhop, Manfred, 4,542,781, Cl. 164-451.000.
- Klocksiem, Howard W. Fishing bobber. 4,516,349, 5-14-85, Cl. 43-17.500.
- Kloeckner Stahlforschung GmbH: *See—*
  - Fassbinder, Hans-Georg, 4,561,466, Cl. 137-614.210.
- Kloetzer, Dietrich; Linde, Karl-Heinz; and Ojust, Klaus, to Henkel Kommanditgesellschaft auf Aktien. Preparation of color-stable, light-colored, aqueous salt pastes of wash-active, α-sulfofatty acid esters. 4,547,318, 10-15-85, Cl. 260-400.000.
- Klok, Alexandr B.: *See—*
  - Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.
- Kloker, Kevin L., to Motorola, Inc. Automatic frame synchronization recovery utilizing a sequential decoder. 4,539,684, 9-3-85, Cl. 371-46.000.
- Kloker, Werner; and Kraft, Klaus, to Bayer Aktiengesellschaft. Use of 1,4-dihydroxynaphthalene in the hardening of ethylenically unsaturated compounds. 4,524,177, 6-18-85, Cl. 525-14.000.
- Klomp, Edward D., to General Motors Corporation. Measurement of mass airflow into an engine. 4,502,325, 3-5-85, Cl. 73-118.000.
- Klomp, Edward D.; and Cornelius, Walter, to General Motors Corporation. Fuel injection nozzle with auto-rotating tip. 4,502,635, 3-5-85, Cl. 239-251.000.
- Klomp, Edward D.; and Kosek, Thomas P., to General Motors Corporation. Annular valve stratified charge spark ignition engines. 4,503,817, 3-12-85, Cl. 123-79.00R.
- Klomp, Edward D., to General Motors Corporation. Selective asymmetric swirl intake port. 4,539,954, 9-10-85, Cl. 123-188.0VA.
- Klompas, Nicholas, to General Electric Company. Segmented inlet nozzle for gas turbine, and methods of installation. 4,492,517, 1-8-85, Cl. 415-139.000.
- Kloos, Friedrich: *See—*
  - Cherdron, Harald; Gordon, Wolfgang; and Kloos, Friedrich, 4,493,751, Cl. 162-157.200.
- Kloos, Jurgen: *See—*
  - Holm, Wilfried; Kloos, Jurgen; and Natke, Gerhard, 4,491,052, Cl. 87-3.000.
- Kloosterhof, Leonardus P. A.: *See—*
  - Elkerbout, Marten F.; and Kloosterhof, Leonardus P. A., 4,544,278, Cl. 366-129.000.
- Kloots, Jacobus, to Luxtec Corporation. Surgical headlamp. 4,516,190, 5-7-85, Cl. 362-32.000.
- Kloots, Jacobus; and Marengo, John, to Luxtec Corporation. Fiberoptic cable assemblies. 4,534,617, 8-13-85, Cl. 350-96.200.
- Klopach, Robert T.: *See—*
  - Laughon, Thomas C.; Haynes, H. Taylor; Klopach, Robert T.; and Warner, Richard C., 4,546,357, Cl. 343-702.000.
- Klopfenstein, King L.; Connors, Robert H.; and Bergholt, Steven P., to Triangle Package Machinery Co. Weighing machine. 4,538,693, 9-3-85, Cl. 177-25.000.
- Klopfenstein, King L. Operator powered reciprocating drive system. 4,561,668, 12-31-85, Cl. 280-226.00R.
- Klopfenstein, Wayne A.: *See—*
  - Hart, Cullen P.; and Klopfenstein, Wayne A., 4,531,787, Cl. 305-12.000.
- Klopfleisch, Kim A.: *See—*
  - Luebrecht, Donald; and Klopfleisch, Kim A., 4,499,971, Cl. 187-9.00R.
- Klopp, Jerome C.; and Willigman, John, to Singer Company. The. Increased capacity program timer. 4,560,846, 12-24-85, Cl. 200-38.00R.
- Klopp, Ludwig: *See—*
  - Leifeld, Ferdinand; Coenen, Rolf; Oelering, Werner; and Klopp, Ludwig, 4,554,708, Cl. 19-80.00R.
- Kloppe, Herbert; Spiegel, Erwin; and Vogt, Hans, to Ford Motor Company. Composite components of sandwich construction. 4,559,274, 12-17-85, Cl. 428-594.000.
- Kloppe, Herbert: *See—*
  - Stutenkemper, Paul; Rest, Heinz; and Kloppe, Herbert, 4,518,138, Cl. 248-73.000.
- Klose, Odo; and Jost, Jochen, to Filmosto-Projektion Johannes Jost GmbH & Co. Frame, especially a quick-change frame for photographs. 4,532,727, 8-6-85, Cl. 40-152.000.
- Klose, Sigmar; Stahler, Fritz; Lange, Hans; and Kleemann, Wolfgang, to Boehringer Mannheim GmbH. Method for carrying out analytical determinations. 4,515,889, 5-7-85, Cl. 435-4.000.
- Klose, Sigmar; Pasch, Manfred; Kleemann, Wolfgang; Vieth, Friedhelm; and Buschek, Herbert, to Boehringer Mannheim GmbH. Process and device for the control and mixing of a fluid current subjected to centrifugal force. 4,557,600, 12-10-85, Cl. 356-246.000.
- Klose, Sigmar: *See—*
  - Scheibe, Peter; Bernt, Erich; and Klose, Sigmar, 4,517,287, Cl. 435-4.000.
- Klosiewicz, Daniel W., to Hercules Incorporated. Method for making a dicyclopentadiene thermoset polymer containig elastomer. 4,520,181, 5-28-85, Cl. 525-247.000.
- Klosinski, Mark: *See—*
  - Sharp, Larry L.; and Klosinski, Mark, 4,493,219, Cl. 73-862.050.
- Klosk, Lawrence. Apparatus for transporting wheel and axle assemblies. 4,551,049, 11-5-85, Cl. 410-42.000.
- Klossman, Charles W.: *See—*
  - Willitts, Benjamin R.; and Klossman, Charles W., 4,535,603, Cl. 62-196.400.
- Kloster, Kenneth D. Spring compressor. 4,516,303, 5-14-85, Cl. 29-227.000.
- Kloster, Kenneth D., to Kloster Research & Development, Inc. Spring compressor for MacPherson strut suspension assemblies. 4,558,500, 12-17-85, Cl. 29-227.000.
- Kloster Research & Development, Inc.: *See—*
  - Kloster, Kenneth D., 4,558,500, Cl. 29-227.000.
- Klosterbuer, Shirley F.: *See—*
  - Phillips, John R.; Halbig, James K.; Menlove, Howard O.; and Klosterbuer, Shirley F., 4,510,117, Cl. 376-257.000.
- Klostermann, Heinrich F., to Litton Systems, Inc. X-ray tube rotor mounting. 4,545,064, 10-1-85, Cl. 378-132.000.
- Klostermeier, Werner; Lasher, Jeffery D.; Meyer, Gerhard; and Zengel, Hans, to Akzona Incorporated. Thick polyimide-metal laminates with high peel strength. 4,522,880, 6-11-85, Cl. 428-332.000.
- Klotmann, Fred; and Ramesohl, Hubert, to Klockner-Humboldt-Deutz AG. Arrangement for mounting a barrel ring on the casting of a rotary cylinder. 4,500,285, 2-19-85, Cl. 432-103.000.
- Klotmann, Fred; and Filges, Ralf, to Klockner-Humboldt-Deutz AG. Arrangement for mounting a bearing ring on a rotary cylinder. 4,511,266, 4-16-85, Cl. 384-441.000.
- Klotz, Erhard: *See—*
  - Harding, Geoffrey; and Klotz, Erhard, 4,516,261, Cl. 382-6.000.
  - Linde, Rolf; and Klotz, Erhard, 4,516,252, Cl. 378-23.000.
  - Weiss, Hermann; Linde, Rolf; Tiemens, Ulf; and Klotz, Erhard, 4,513,433, Cl. 378-2.000.
- Klotz, Helmut; and Bloch, Klaus, to Bayer Aktiengesellschaft. Woven diaphragm for aqueous electrolytes. 4,539,082, 9-3-85, Cl. 204-93.000.
- Klotz, Helmut: *See—*
  - Dinger, Hans; and Klotz, Helmut, 4,548,039, Cl. 60-606.000.
- Klotz, Marvin R.; and Peters, Edwin F., to Standard Oil Company (Indiana). Alkene conversion using AMS-1B crystalline borosilicate. 4,499,325, 2-12-85, Cl. 585-671.000.
- Klotz, Willi, to Microtherm GmbH. Thermal switch. 4,539,545, 9-3-85, Cl. 337-380.000.
- Klotzer, Sieghart: *See—*
  - Becker, Manfred; Klotzer, Sieghart; and Moisar, Erik, 4,495,277, Cl. 430-567.000.
- Klotzsch, Sigrid G.; and Vadaszy, Richard, to Technicon Instruments Corporation. Stabilizer for urea nitrogen color reagent. 4,543,337, 9-24-85, Cl. 436-108.000.
- Klovensky, Edward J.: *See—*
  - Bolinsky, Henry E.; and Klovensky, Edward J., 4,557,699, Cl. 445-3.000.
- Klowak, Bernard G.; and Salmeen, Nilo I., Jr., deceased (by Salmeen, Lorraine J., personal representative), to James River-Norwalk, Inc. Pattern bonding and creping of fibrous products. 4,507,173, 3-26-85, Cl. 162-112.000.
- Klubitschko, Gerd, to Marker International Company. Indicator for safety ski binding. 4,535,718, 8-20-85, Cl. 116-212.000.
- Kluck, Robert S. Multi-positional handle for serographic screen. 4,509,423, 4-9-85, Cl. 101-127.100.
- Kluckhuhn, Fred H. Load distribution and anti-sag means for luff furling sails. 4,526,122, 7-2-85, Cl. 114-106.000.
- Klueber, Wilhelm, to Hilti Aktiengesellschaft. Cylindrical guide member for an impacting mechanism in a hammer drill. 4,508,180, 4-2-85, Cl. 173-104.000.
- Klueber, Wilhelm; Bloeckinger, Peter; and Theissig, Werner, to Hilti Aktiengesellschaft. Electropneumatic hammer drill or chipping hammer. 4,529,044, 7-16-85, Cl. 173-48.000.
- Klueber, Wilhelm: *See—*
  - Hunger, Josef; Klueber, Wilhelm; and Regelsberger, Wolfgang, 4,491,445, Cl. 409-234.000.
- Kluender, Harold C.: *See—*
  - Corey, Paul F.; and Kluender, Harold C., 4,543,421, Cl. 560-106.000.

Klufas, Oleg, to General Electric Company. Method and apparatus for axially aligning the coupled shafts of a steam turbine. 4,538,455, 9-3-85, Cl. 73-118.000.

Klufas, Oleg: *See—*
- Emeterio, Eloy V.; Deallenbach, Robert E.; O'Connor, Martin F.; and Klufas, Oleg, 4,537,560, Cl. 416-198.00A.

Klug, Alan G., to Ingersoll Equipment Co., Inc. Self-energizing friction drive transmission. 4,502,344, 3-5-85, Cl. 74-194.000.

Klug, Lothar; and Schmuck, Klaus, to Akzo N.V. Ballooning action constraining ring. 4,555,900, 12-3-85, Cl. 57-355.000.

Klug, Rudolf; Hartner, Hartmut; Merrem, Hans-Joachim; and Neisius, Karl-Heinz, to Merck Patent Gesellschaft mit beschrankter Haftung. Photoresists suitable for forming relief structures of highly heat-resistant polymers. 4,540,650, 9-10-85, Cl. 430-281.000.

Klug, Rudolf: *See—*
- Merrem, Hans-Joachim; Neisius, Karl-Heinz; Klug, Rudolf; and Hartner, Hartmut, 4,539,288, Cl. 430-325.000.

Kluge, Arthur F.; Strosberg, Arthur M.; Whiting, Roger L.; and Christie, George A., to Syntex (U.S.A.) Inc. 2-(1,4-Benzodioxan-2-ylalkyl-)imidazoles useful as antihypertensives and platelet aggregation inhibitors. 4,497,818, 2-5-85, Cl. 514-397.000.

Kluge, Arthur F.; and Clark, Robin D., to Syntex (U.S.A.) Inc. Benzodioxanyl-hydroxyethyleneamino-piperidinyl acetanilides, ketones, esters and carbamates which effect immunity and calcium entry and β-blockade. 4,499,100, 2-12-85, Cl. 514-321.000.

Kluge, Arthur F.; Clark, Robin D.; and Strosberg, Arthur M., to Syntex (U.S.A.) Inc. Benzodioxanyl-hydroxyethylene-piperazinyl acetanilides which effect calcium entry and β-blockade. 4,558,129, 12-10-85, Cl. 544-377.000.

Kluge, Johannes: *See—*
- Karpe, Wolfgang; Kluge, Johannes; and Hasselmann, Heinz, 4,506,242, Cl. 335-120.000.

Kluge, Reimund; and Werner, Eberhard, to AGFA-Gevaert, A.G. Arrangement for projecting data onto film. 4,520,497, 5-28-85, Cl. 378-166.000.

Kluge-Weiss, Petra, to BBC Brown, Boveri & Company, Limited. Process for the thermo-migration of liquid phases. 4,519,850, 5-28-85, Cl. 148-1.500.

Kluger, Edward W.; and Moore, Patrick D., to Milliken Research Corporation. Process for in situ coloration of thermosetting resins. 4,507,407, 3-26-85, Cl. 521-113.000.

Kluger, Wolfgang: *See—*
- Ahrens, Norbert; Heinemann, Otto; Klockenbusch, Heinrich; and Kluger, Wolfgang, 4,539,782, Cl. 52-192.000.
- Vejmelka, Peter; Kluger, Wolfgang; Koster, Rainer; and Hauser, Wolfgang, 4,533,395, Cl. 106-89.000.

Klumper, Jan W.; and Visser, Huibert, to de Nederlandsche Bank N.V. Apparatus for automatically detecting and evaluating the characteristics of prints. 4,555,181, 11-26-85, Cl. 356-448.000.

Klun, Robert T.; Murchison, Craig B.; and Hucul, Dennis A., to Dow Chemical Company, The. Preparation of 2-halo-1-alkenes from hydrocarbon streams. 4,554,391, 11-19-85, Cl. 570-231.000.

Kluna, Vlastimil: *See—*
- Humpolik, Bohumil; and Kluna, Vlastimil, 4,531,577, Cl. 165-150.000.

Klundt, Kurt, to G.M. Pfaff AG. Needle bar drive for counterbalanced sewing machines. 4,539,922, 9-10-85, Cl. 112-221.000.

Klunk, Thomas M.: *See—*
- Cappos, David J.; and Klunk, Thomas M., 4,553,322, Cl. 29-739.000.

Klupfel, Norbert: *See—*
- Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.

Klusman, Steven A., to General Motors Corporation. Bearing mount with squeeze film damping. 4,509,804, 4-9-85, Cl. 384-99.000.

Klusman, Steven A., to General Motors Corporation. Squeeze film damper. 4,527,912, 7-9-85, Cl. 384-99.000.

Klusmier, Kenneth L., to Morgan Construction Company. Apparatus for assembling elongated elements. 4,545,724, 10-8-85, Cl. 414-745.000.

Kluss, Bruno: *See—*
- Prinz, Eckhard; and Kluss, Bruno, 4,527,969, Cl. 425-174.80E.

Kluss, Karl K.; Allen, Terry F.; and Sawyer, John M., to Goodyear Tire & Rubber Company, The. Hose structure. 4,522,235, 6-11-85, Cl. 138-130.000.

Klussmann, Udo: *See—*
- Manecke, Georg; and Klussmann, Udo, 4,546,078, Cl. 435-52.000.

Klutchko, Sylvestor: *See—*
- Hoefle, Milton L.; and Klutchko, Sylvestor, 4,532,342, Cl. 560-38.000.

Klute, Ferdinand. Power transmission plant having pressure surfaces. 4,552,507, 11-12-85, Cl. 415-5.000.

Kluth, Hermann; and Meffert, Alfred, to Henkel Kommanditgesellschaft auf Aktien. Polyurethane prepolymers based on oleochemical polyols. 4,508,853, 4-2-85, Cl. 521-107.000.

Kluth, Hermann; Roderhoff, Bernhard; Friedemann, Wolfgang; Wegner, Jurgen; and Dierichs, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Process for producing water glass foams from aerosol containers. 4,533,490, 8-6-85, Cl. 252-305.000.

Kluth, Hermann; and Wegner, Jurgen, to Henkel Kommanditgesellschaft auf Aktien. Composition for the production of polyurethane foam materials having improved form stability. 4,558,073, 12-10-85, Cl. 521-110.000.

Kluth, Hermann: *See—*
- Herold, Julius; Kluth, Hermann; Meffert, Alfred; and Leder, Manfred, 4,551,517, Cl. 528-60.000.

Kluting, Bernd; and Engels, Bernd, to Keiper Automobiltechnik GmbH & Co. KG. Height adjustment arrangement for seats, particularly motor vehicle seats. 4,515,339, 5-7-85, Cl. 248-543.000.

Kluting, Bernd; and Zaveri, Vikram H., to Keiper Automobiltechnik GmbH & Co. KG. Hinge unit for a seat, particularly a power vehicle seat. 4,518,190, 5-21-85, Cl. 296-65.00R.

Kluting, Bernd; Ebeling, Peter; and Strowik, Willibald, to Keiper Recaro GmbH & Co. Seat rail. 4,530,481, 7-23-85, Cl. 248-394.000.

Klutz, Nathaniel, Jr.; and Spector, George. Dry spot remover composition and container comprising white talc and eucalyptus oil. 4,504,407, 3-12-85, Cl. 252-162.000.

Kluver, Leroy: *See—*
- Groeneveld, Wilbur E.; Kluver, Leroy; and Vincent, Michael T., 4,549,481, Cl. 100-98.00R.

Klyatis, Lev M.: *See—*
- Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.; Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.; Osher, Mikhail I.; and Plyakin, Nikolai P., 4,549,760, Cl. 294-88.000.

Klygis, M. Julius: *See—*
- Edwards, Bryant; Klygis, M. Julius; and Olsen, Robert C., 4,520,924, Cl. 206-150.000.

Klygis, Mindaugas J., to Illinois Tool Works Inc. Bottle multi-package and multi-packaging device. 4,545,480, 10-8-85, Cl. 206-151.000.

Kmak, Walter S.: *See—*
- Fung, Shun C.; Weissman, Walter; Carter, James L.; and Kmak, Walter S., 4,491,635, Cl. 502-37.000.

Kmecak, Ronald A.: *See—*
- Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Kmecak, Ronald A.; Kovach, Stephen M.; and Hettinger, William P., Jr., 4,561,968, Cl. 208-120.000.

Kmety, Istvan: *See—*
- Asszonyi, Csaba; Klausz, Istvan; Kmety, Istvan; Meitzen, Nandor; and Pasztor, Rezso, 4,505,622, Cl. 405-288.000.

Kmetz, Allan R., to AT&T Bell Laboratories. Interconnection and addressing scheme for LCDs. 4,506,955, 3-26-85, Cl. 350-336.000.

Kmetz, Allan R.: *See—*
- Berreman, Dwight W.; Heffner, William R.; and Kmetz, Allan R., 4,529,271, Cl. 350-333.000.

KMG Systems Limited: *See—*
- Maddocks, Keith L., 4,540,082, Cl. 198-358.000.

KMK Karl Magerle Lizenz AG: *See—*
- Magerle, Karl, 4,514,159, Cl. 425-125.000.

KMS Fusion, Inc.: *See—*
- Mayer, Frederick J., 4,552,742, Cl. 423-446.000.

KMW Aktiebolag: *See—*
- Andersson, Anders I., 4,539,073, Cl. 162-198.000.
- Andersson, Karl J. L., 4,526,653, Cl. 162-259.000.
- Dyren, Karl E. A.; and Strandberg, Gustaf S., 4,504,386, Cl. 209-254.000.
- Eriksson, Erik S., 4,559,104, Cl. 162-336.000.
- Hakansson, Carl J. N., 4,504,358, Cl. 162-264.000.
- Stenberg, Erik G., 4,539,074, Cl. 162-198.000.
- Svensson, Sven A.; Oledal, Bo J. M.; and Lofgren, Stig-Gunnar E., 4,559,986, Cl. 144-208.00B.
- Tell, Lars E. K. A.; and Johannesson, Carl C. E., 4,560,438, Cl. 162-194.000.

KMW ERJO AB: *See—*
- Carlsson, Jan E. K., 4,544,104, Cl. 241-57.000.
- Carlsson, Jan E. K., 4,544,105, Cl. 241-73.000.

Knaack, Howard L.; and Weger, Kenneth F., Jr., to Knaack Manufacturing Company. Truck rack. 4,509,787, 4-9-85, Cl. 296-3.000.

Knaack Manufacturing Company: *See—*
- Knaack, Howard L.; and Weger, Kenneth F., Jr., 4,509,787, Cl. 296-3.000.

Knaak, Joachim, to INTERATOM Internationale Atomreaktorbau GmbH. Magnetic-inductive flow meter for high temperatures. 4,522,073, 6-11-85, Cl. 73-861.120.

Knaap, Jan J., to Kateka B.V. Ventilation grating for use in window frames together with sealed unit insulating glass. 4,512,244, 4-23-85, Cl. 98-98.000.

Knab, Rochus: *See—*
- Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, 4,562,544, Cl. 364-431.110.

Knabe, Andreas: *See—*
- Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knabe, Andreas; Koch, Roland; Urbach, Bernd; and Weisselberg, Arnold, 4,500,764, Cl. 219-59.100.

Knabel, Walter: *See—*
- D'Antonio, Nicholas F.; Knabel, Walter; and Stempfhuber, Lorenz, 4,496,168, Cl. 280-612.000.
- Emert, Anton; Knabel, Walter; and Richert, Manfred, 4,515,388, Cl. 280-605.000.

Knabel, Walter R.; and Sedlmair, Gerhard J., to Marker International Company. Ski brake. 4,537,418, 8-27-85, Cl. 280-605.000.

Knable, Thomas; Sollner, Lydia; Wethey, Richard; and Otte, Ilse. Writing fluid. 4,532,276, 7-30-85, Cl. 524-18.000.

Knackstedt, Hans-Gunther: *See—*
- Christ, Richard; Muller, Erhard; Knackstedt, Hans-Gunther; and Laug, Reiner, 4,521,691, Cl. 250-506.100.

Knape & Vogt Manufacturing Company: *See—*

Bessinger, Walter L.; and Hoffman, Keith A., 4,549,774, Cl. 308-3.800.

Knapheide Mfg. Co., The: *See—*

Fuchs, Daniel G.; and Rudd, Larry R., 4,505,501, Cl. 292-62.000.

Knapke, David M.; and Johnson, Kenneth C., to F. J. Littell Machine Co. Device for coating strip material. 4,559,900, 12-24-85, Cl. 118-672.000.

Knapke, Gerhard: *See—*

Rietbrock, Peter; and Knapke, Gerhard, 4,561,744, Cl. 354-234.100.

Knapke, Paul H.; and Miller, Robert L., to International Telephone and Telegraph Corporation. Clocking arrangement for telephone switching system. 4,513,414, 4-23-85, Cl. 370-58.000.

Knapke, Paul H.: *See—*

Aro, Enn; Bogan, Leonard E.; Hamersley, Richard A.; Knapke, Paul H.; and Miller, Robert L., 4,495,614, Cl. 370-58.000.

Knapman, John M., to International Business Machines Corporation. User friendly data base access. 4,531,186, 7-23-85, Cl. 364-300.000.

Knapp, Alan G.; and Mansell, John R., to U.S. Philips Corporation. Color picture display tube. 4,560,898, 12-24-85, Cl. 313-400.000.

Knapp, Alfons, to Masco Corporation. Handle for a single-control mixer valve and the like. 4,525,894, 7-2-85, Cl. 16-111.00R.

Knapp, Anthony W.; and Werth, Dee A., to Allied Corporation. Electrical connector having a moisture seal. 4,521,064, 6-4-85, Cl. 339-45.00M.

Knapp, Anthony W.: *See—*

Shepier, Eric F.; and Knapp, Anthony W., 4,508,408, Cl. 339-89.00M.

Knapp, Caroline M.: *See—*

Knapp, Frank W.; and Knapp, Caroline M., 4,513,500, Cl. 29-885.000.

Knapp, Charles A., to United States of America, Army. Red phosphorous smoke producing composition. 4,534,810, 8-13-85, Cl. 149-19.600.

Knapp, Frank W.; and Knapp, Caroline M. Method of forming a wire splice. 4,513,500, 4-30-85, Cl. 29-885.000.

Knapp, Furn F., Jr.; and Goodman, Mark M., to United States of America, Energy. Heart testing compound. 4,523,033, 6-11-85, Cl. 562-496.000.

Knapp, Gordon G., to Ethyl Corporation. Corrosion inhibitor for alcohol and gasohol fuels. 4,509,951, 4-9-85, Cl. 44-53.000.

Knapp, Gordon G., to Ethyl Corporation. Corrosion inhibitors for alcohol containing motor fuel. 4,511,367, 4-16-85, Cl. 44-53.000.

Knapp, Gordon G., to Ethyl Corporation. Corrosion inhibitors for alcohol-based fuels. 4,511,368, 4-16-85, Cl. 44-53.000.

Knapp, Gordon G., to Ethyl Corporation. Alcohol and gasohol fuels having corrosion inhibiting properties. 4,531,948, 7-30-85, Cl. 44-53.000.

Knapp, Gordon G., to Ethyl Corporation. Corrosion inhibitors for alcohol containing fuels. 4,549,882, 10-29-85, Cl. 44-53.000.

Knapp, Gordon G., to Ethyl Corporation. Fuel compositions. 4,549,885, 10-29-85, Cl. 44-57.000.

Knapp, Gunter, to Ing. Gunter Knapp Ges. mbH & Co. KG. System for automatic stacking, storage and withdrawal of packaged merchandise in large warehouses. 4,501,528, 2-26-85, Cl. 414-273.000.

Knapp, Gunter, to Ing. Gunter Knapp Ges. mbH & Co. KG. System and process for automatic stacking, storage and withdrawal of packaged merchandise in large warehouses. 4,518,302, 5-21-85, Cl. 414-273.000.

Knapp, Heinrich, to Robert Bosch GmbH. Injection valve. 4,531,678, 7-30-85, Cl. 239-533.300.

Knapp, Heinrich; Sauer, Rudolf; Krauss, Rudolf; and Hafner, Udo, to Robert Bosch GmbH. Electromagnetically actuated valve, in particular a fuel injection valve for fuel injection systems. 4,555,060, 11-26-85, Cl. 239-585.000.

Knapp, John F.; and Gruber, Robert J., to Xerox Corporation. Process for preventing deposition of toner particles in an imaging apparatus. 4,520,092, 5-28-85, Cl. 430-120.000.

Knapp, John F.: *See—*

Gruber, Robert J.; Knapp, John F.; and Bolte, Steven B., 4,517,268, Cl. 430-39.000.

Gruber, Robert J.; Koch, Ronald J.; Knapp, John F.; and Bolte, Steven B., 4,556,624, Cl. 430-110.000.

Knapp, Joseph E.: *See—*

Rosenblatt, David H.; Rosenblatt, Aaron A.; and Knapp, Joseph E., 4,504,442, Cl. 422-37.000.

Knapp, Julius Z., to Schering Corporation. Method of making a stopper for a sterile fluid container. 4,554,125, 11-19-85, Cl. 264-266.000.

Knapp, Kenneth M. Bristle pig cup. 4,506,401, 3-26-85, Cl. 15-104.06R.

Knapp, Kenneth M. Pig featuring foam filled cavity. 4,509,222, 4-9-85, Cl. 15-104.06R.

Knapp, Larry I.; and Drees, Terry P., to Formica Corporation. Complementary color high pressure decorative laminate. 4,530,883, 7-23-85, Cl. 428-503.000.

Knapp, Michael D., to Eastern Metal of Elmira, Inc. Rigid mechanical corner pocket for tensioning flexible signs and signal devices. 4,490,934, 1-1-85, Cl. 40-603.000.

Knapp, Philip B. Liquid metering and dispensing apparatus. 4,545,535, 10-8-85, Cl. 239-313.000.

Knapp Pneumatics, Inc.: *See—*

Knapp, Wallace C., 4,492,147, Cl. 91-306.000.

Knapp, Richard P., to Kavanau, Lawrence, a part interest. Biasing method for improved performance in field effect devices. 4,496,909, 1-29-85, Cl. 330-277.000.

Knapp, Richard W.: *See—*

Gibbons, John F.; and Knapp, Richard W., 4,557,891, Cl. 376-397.000.

Knapp, Roy M.: *See—*

McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,522,261, Cl. 166-246.000.

McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,558,739, Cl. 166-246.000.

Knapp, Scott R.; and Kolada, Paul P., to Kohler Co. Water distribution system for showers. 4,554,690, 11-26-85, Cl. 4-601.000.

Knapp, Wallace C., to Knapp Pneumatics, Inc. Reciprocatory air motor with cushioning pistons. 4,492,147, 1-8-85, Cl. 91-306.000.

Knappe, Bernhard, to FAG Kugelfischer Georg Schafer (KAaA). Anti-friction bearing with a segmented cage, particularly for large cylindrical roller bearings. 4,557,614, 12-10-85, Cl. 384-573.000.

Knappe, Hartmut: *See—*

Erdmann, Jurgen; Buchholz, Karl O.; and Knappe, Hartmut, 4,523,251, Cl. 361-152.000.

Knappe, Wolfgang-Reinhold: *See—*

Berger, Dieter; Frey, Gunter; Knappe, Wolfgang-Reinhold; Kuhr, Manfred; Rittersdorf, Walter; and Werner, Wolfgang, 4,551,428, Cl. 435-19.000.

Knappertz, Walter P., to Trutzschler GmbH & Co. KG. Method and apparatus for pneumatically conveying fiber material. 4,553,882, 11-19-85, Cl. 406-181.000.

Knappworst, Jurgen: *See—*

Ballreich, Kurt; Jensen, Ernst; and Knappworst, Jurgen, 4,546,704, Cl. 102-444.000.

Jensen, Ernst; Knappworst, Jurgen; and Stahlmann, Rudolf, 4,508,036, Cl. 102-444.000.

Knaster, Mark, to Henkel Kommanditgesellschaft auf Aktien. Method for determining and adjusting the potency and effectiveness of a metal phosphate conversion coating process. 4,515,643, 5-7-85, Cl. 148-6.15Z.

Knaudt, Hermann. Shoulder-hand support for photographic apparatus. 4,542,966, 9-24-85, Cl. 354-82.000.

Knauer, Karl: *See—*

Pfleiderer, Hans-Joerg; and Knauer, Karl, 4,539,537, Cl. 333-165.000.

Knauer, Robert C., Jr.: *See—*

Stanley, Roderic K.; Milewits, Marvin; Knauer, Robert C., Jr.; and Bradfield, James E., 4,555,665, Cl. 324-229.000.

Knauer, Scott C., to AT&T Bell Laboratories. Self-routing steering network. 4,531,209, 7-23-85, Cl. 370-56.000.

Knauer, Scott C.: *See—*

Huang, Alan; and Knauer, Scott C., 4,516,238, Cl. 370-60.000.

Huang, Alan; and Knauer, Scott C., 4,542,497, Cl. 370-60.000.

Knauer, Wolfgang; and Perkins, Walter E., Jr., to Hughes Aircraft Company. Electron and ion beam-shaping apparatus. 4,560,878, 12-24-85, Cl. 250-396.00R.

Knaus, Heimo A.: *See—*

Schweigert, Lothar L.; and Knaus, Heimo A., 4,509,930, Cl. 446-109.000.

Knazko, Luba: *See—*

McCaffrey, Eugene F.; Dieterman, Alfred J.; and Knazko, Luba, 4,540,511, Cl. 252-321.000.

Knebel, Michael; and Schulein, Rolf G., to Leifheit AG. Wiper appliance. 4,557,012, 12-10-85, Cl. 15-116.00R.

Knecht, George W., to Midland-Ross Corporation. Interlocking plug and receptacle mechanism with actuating means. 4,503,293, 3-5-85, Cl. 200-50.00B.

Knecht, Heinz: *See—*

Meller, Theo; Knecht, Heinz; Kohberg, Ewald; and Lohr, Karl-Heinz, 4,502,672, Cl. 267-64.170.

Knecht, Reinhold: *See—*

Krautkremer, Franz; Lais, Siegfried; Knecht, Reinhold; and Stache, Detlev, 4,519,335, Cl. 114-144.00R.

Knecht, Todd: *See—*

Elliott, Thomas; and Knecht, Todd, 4,533,280, Cl. 406-57.000.

Knechtel, Wilhelm, to Canon Kabushiki Kaisha. Device for transferring color toner images. 4,515,460, 5-7-85, Cl. 355-3.0TR.

Knechtel, Wilhelm, to Canon Kabushiki Kaisha. Copying apparatus having two separate fusing stations for repeated image processing on a copy sheet. 4,541,705, 9-17-85, Cl. 355-3.0FU.

Knechtli, Ronald C.; Loo, Robert Y.; and Kamath, G. Sanjiv, to Hughes Aircraft Company. Accelerated annealing of gallium arsenide solar cells. 4,494,302, 1-22-85, Cl. 29-575.000.

Knee, William R.; and Cutie , Sergio S., to Dow Chemical Company, The. Reduction of acrylamide and acrylonitrile emissions. 4,544,768, 10-1-85, Cl. 564-206.000.

Kneen, Geoffrey, to Burroughs Wellcome Co. Pharmaceutical compounds, preparation, use and intermediates therefor and their preparation. 4,535,183, 8-13-85, Cl. 514-568.000.

Kneip, George D., Jr.: *See—*

Lee, Reuy-Lin; Kneip, George D., Jr.; and Anderson, Marvin H., 4,535,291, Cl. 324-320.000.

Kneitel, Dieter: *See—*

Strack, Hans; Roebke, Wolfgang; Kneitel, Dieter; and Parr, Ehrfried, 4,551,322, Cl. 423-329.000.

Knels, Kenneth J. Bale carrier. 4,537,549, 8-27-85, Cl. 414-24.500.

Knemeyer, Friedel S., to General Electric Company. Brazed composite compact implements. 4,527,998, 7-9-85, Cl. 51-309.000.

Knepler, John T.; and Bachman, Wesley J., to Dickey-john Corporation. Grain drill monitor. 4,491,241, 1-1-85, Cl. 221-3.000.

Knepper, Herbert, to Klockner-Humboldt-Deutz AG. Apparatus with rear and front power lift, common regulating and control elements, and changeover valve. 4,537,260, 8-27-85, Cl. 172-9.000.
Knepper, J. Irvine; and Sallee, Dennis C., to Petrolite Corporation. Anti-static compositions. 4,515,603, 5-7-85, Cl. 44-62.000.
Knepper, Udo, to Dornier System GmbH. High-resolution, coherent pulse radar. 4,521,778, 6-4-85, Cl. 343-13.00R.
Knepshield, William R.; Ogletree, David D.; and Sander, Nat, to KOI Associates. Surgical knife with controllably extendable blade and gauge therefor. 4,499,898, 2-19-85, Cl. 128-305.000.
Knepshield, William R.; Ogletree, David D.; and Sander, Nat, to KOI Associates, Inc. Surgical knife with controllably extendable blade and gauge therefor. 4,538,356, 9-3-85, Cl. 33-185.00R.
Kneubuhl, Beat, to Schweizerische Eidgerossenschaft, Vertreten Durch Die Eidg, Munitionsfabrik Thun Der Gruppe fur Rustungsdienste. Small arms projectile. 4,517,897, 5-21-85, Cl. 102-439.000.
Kniat, John; Kuhlberg, Joel F.; and Mickey, Daniel A., to United Technologies Corporation. Cooling means. 4,504,030, 3-12-85, Cl. 244-57.000.
Kniazzeh, Alfredo G.; Mailloux, Dennis R.; and Norvaisa, Kestutis, to Polaroid Corporation. Vented frame for laminar batteries and methods of making the same. 4,532,193, 7-30-85, Cl. 429-82.000.
Knickerbocker Company, The: *See—*
  Taylor, William L., 4,540,330, Cl. 414-641.000.
Knickerbocker, Robert H., to Siemon Company, The. Pre-wired modular connecting blocks. 4,533,195, 8-6-85, Cl. 339-97.00P.
Kniege, Wilfried: *See—*
  Steinberger, Helmut; Moretto, Hans-Heinrich; Michel, Werner; and Kniege, Wilfried, 4,548,999, Cl. 525-453.000.
Kniep, Claus: *See—*
  Bernhagen, Wolfgang; Falk, Volker; Springer, Helmut; Weber, Jurgen; Wiebus, Ernst; and Kniep, Claus, 4,515,986, Cl. 564-471.000.
Kniffin, John M.: *See—*
  Radochonski, Pierre; Kniffin, John M.; Eriksen, Joern B.; Rogers, Jerrold J.; and Gellatly, William W., 4,560,989, Cl. 346-1.100.
Kniffin, John R.: *See—*
  Akhavi, David S.; Cudworth, Richard W.; and Kniffin, John R., 4,551,949, Cl. 51-164.100.
Knifton, John F., to Texaco Inc. Process for producing ethylene glycol using a ruthenium-copper catalyst. 4,518,715, 5-21-85, Cl. 518-700.000.
Knifton, John F., to Texaco Development Corporation. Manufacture of alkanol and glycol esters. 4,540,810, 9-10-85, Cl. 560-226.000.
Knifton, John F.; and Alexander, David C., to Texaco Inc. Process for selective preparation of secondary and tertiary amines. 4,543,411, 9-24-85, Cl. 544-178.000.
Knifton, John F., to Texaco Inc. Process for producing p-tolualdehyde from toluene using an aluminum halide alkyl pyridinium halide 'melt' catalyst. 4,554,383, 11-19-85, Cl. 568-428.000.
Knifton, John F., to Texaco Inc. Process for synthesizing formamides from synthesis gas plus ammonia. 4,556,734, 12-3-85, Cl. 564-132.000.
Knifton, John F.: *See—*
  Alexander, David C.; Knifton, John F.; and Unvert, Susan D., 4,503,217, Cl. 528-392.000.
  Alexander, David C.; and Knifton, John F., 4,511,740, Cl. 568-454.000.
  Grigsby, Robert A., Jr.; and Knifton, John F., 4,558,072, Cl. 518-701.000.
  Lin, Jiang-Jen; and Knifton, John F., 4,525,481, Cl. 518-700.000.
  Lin, Jiang-Jen; and Knifton, John F., 4,529,808, Cl. 549-475.000.
  Lin, Jiang-Jen; and Knifton, John F., 4,533,742, Cl. 549-475.000.
  Lin, Jiang-Jen; and Knifton, John F., 4,552,976, Cl. 560-204.000.
  McEntire, Edward E.; Knifton, John F.; Nieh, Edward C. Y.; and Sellstrom, Kathy B., 4,549,017, Cl. 544-168.000.
  Unvert, Susan D.; Vanderpool, Steven H.; and Knifton, John F., 4,550,209, Cl. 564-479.000.
Knigge, Rolf; and Albien, Wolfgang, to Howaldtswerke-Deutsche Werft Aktiengesellschaft Hamburg und Kiel. Method for applying a coating to a thin board. 4,493,857, 1-15-85, Cl. 427-96.000.
Knight, Alan C., to Du Pont de Nemours, E. I., and Company. Coating compositions of tetrafluoroethylene aqueous dispersions. 4,546,144, 10-8-85, Cl. 524-546.000.
Knight, Andrew C.: *See—*
  Klinner, Wilfred E.; and Knight, Andrew C., 4,518,124, Cl. 241-101.700.
Knight, Colin W. T., to Advanced Micro Devices, Inc. Process for fabricating pedestal interconnections between conductive layers in an integrated circuit. 4,541,893, 9-17-85, Cl. 156-643.000.
Knight, Donn C.: *See—*
  Fox, Albert D.; Kish, Robert J.; and Knight, Donn C., 4,500,074, Cl. 254-270.000.
Knight, Harry W.: *See—*
  Carr, Edward H.; Knight, Harry W.; and Turnock, Richard C., 4,504,789, Cl. 324-418.000.
Knight, Jack D.: *See—*
  Duerksen, John H.; Wall, Robert G.; and Knight, Jack D., 4,556,107, Cl. 166-272.000.
Knight, James A., Jr.: *See—*
  Purdy, Kenneth R.; Gorton, Charles W.; and Knight, James A., Jr., 4,497,637, Cl. 48-111.000.
Knight, John C.: *See—*
  Tilson, Alan L.; Quay, Earl R.; and Knight, John C., 4,532,780, Cl. 66-9.00B.
Knight, John H.; and Isaacson, Milton S., to Nu-Tech Industries, Inc. Optimum efficiency brushless DC motor. 4,492,903, 1-8-85, Cl. 318-341.000.
Knight, Lindsay C., to Australasian Training Aids (Pty.) Ltd. Inflatable target apparatus. 4,505,481, 3-19-85, Cl. 273-348.100.
Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., to Australasian Training Aids (Pty.) Limited. Firing range. 4,514,621, 4-30-85, Cl. 235-400.000.
Knight, Lloyd F., to Safe Deposit Box Construction. Plural box construction. 4,528,916, 7-16-85, Cl. 109-56.000.
Knight, Malcolm R. M.: *See—*
  Pitman, Kelvin G.; Grime, David A.; and Knight, Malcolm R. M., 4,530,246, Cl. 73-799.000.
Knight Manufacturing Company, Inc.: *See—*
  East, David S., 4,551,940, Cl. 43-42.110.
  Firmin, Herman P., 4,516,352, Cl. 43-42.260.
Knight, Michael W., to AMF Incorporated. Relays and method for mounting relays on printed circuit boards. 4,533,889, 8-6-85, Cl. 335-199.000.
Knight, Orien M.: *See—*
  Davis, Albert P., Jr.; Knight, Orien M.; and Stoltz, John W., 4,506,729, Cl. 166-65.00M.
Knight, Paul A.: *See—*
  Marshall, Barry R.; and Knight, Paul A., 4,493,619, Cl. 417-307.000.
Knight, Reed H.; and Longmore, Val L. Portable multiple spool wire dispenser. 4,533,091, 8-6-85, Cl. 242-129.600.
Knight, Robert K.: *See—*
  Watkins, David R.; Knight, Robert K.; Young, Donald C.; and Kalfayan, Leonard J., 4,549,609, Cl. 166-303.000.
Knight, Thomas S., III: *See—*
  Anderson, James M.; Knight, Thomas S., III; Kitagawa, Dennis T.; and Rey, Ernesto, 4,493,075, Cl. 371-10.000.
Knight, William A., III, to United States of America, Health and Human Services. Method for reducing toxic effects of methyl-glyoxal bis-guanylhydrazone. 4,520,031, 5-28-85, Cl. 514-632.000.
Knighton, David R.: *See—*
  Banda, Michael J.; Werb, Zena; Knighton, David R.; and Hunt, Thomas K., 4,503,038, Cl. 424-95.000.
  Hunt, Thomas K.; Goodson, William H., III; Chang, Ning; Knighton, David R.; Gottrup, Finn; and Firmin, Richard, 4,512,349, Cl. 128-632.000.
Knipe, Richard H.: *See—*
  Fletcher, Aaron N.; and Knipe, Richard H., 4,562,580, Cl. 372-69.000.
Knipp, Jerry L.: *See—*
  Sanders, Robert E.; Knipp, Jerry L.; and Flynn, Charles J., 4,544,218, Cl. 339-31.00L.
Knipp, Ulrich: *See—*
  Richartz, Adolf; Reichmann, Wolfgang; and Knipp, Ulrich, 4,539,166, Cl. 264-45.100.
Knippenberg, Burkhard: *See—*
  Scherowsky, Gunther; Moller, Alexander; Heppke, Gerd; and Knippenberg, Burkhard, 4,491,532, Cl. 252-299.100.
Knippenberg, Wilhelmus F.: *See—*
  Lersmacher, Bernhard; and Knippenberg, Wilhelmus F., 4,547,069, Cl. 356-244.000.
Knirsch, Franco; Gianolini, Giovanni; Dagna, Gian D.; and Buat, Mario, to Ing. C. Olivetti & C., S.p.A. Ink-jet printing device. 4,536,776, 8-20-85, Cl. 346-140.00R.
Knischka, Paul O.; and Grenz, Hans J., to Knischka Rubine Gesellschaft m.b.H. Gradient process of growing crystals from liquid media. 4,525,171, 6-25-85, Cl. 23-300.000.
Knischka Rubine Gesellschaft m.b.H: *See—*
  Knischka, Paul O.; and Grenz, Hans J., 4,525,171, Cl. 23-300.000.
Knisley, Rondel. Apparatus for drilling oil and gas wells and a torque arrestor associated therewith. 4,512,422, 4-23-85, Cl. 175-99.000.
Kniss, Helmut; and Locher, Johannes, to Robert Bosch GmbH. Method and apparatus for adapting and controlling the exhaust gas circulation rate. 4,556,039, 12-3-85, Cl. 123-569.000.
Knittel, Helmut: *See—*
  Ostertag, Werner; Dimroth, Peter; Wienand, Henning; Liedek, Egon; Knittel, Helmut; and Etzrodt, Gunter, 4,530,725, Cl. 106-298.000.
Knob, Kevin J.: *See—*
  Chao, Paul K.; Knob, Kevin J.; and Yurchak, Sergei, 4,544,781, Cl. 585-408.000.
Knoblauch, Georg, to Georg Knoblauch GmbH. Drill-bit index case. 4,512,467, 4-23-85, Cl. 206-379.000.
Knoblauch, Karl; Heimbach, Heinz; and Harder, Burkhard, to Bergwerksverband GmbH. Process for recovering nitrogen from oxygen-containing gas mixtures. 4,548,799, 10-22-85, Cl. 423-351.000.
Knoblauch, Karl: *See—*
  Richter, Ekkehard; Korbacher, Werner; Knoblauch, Karl; and Giessler, Klaus, 4,521,221, Cl. 48-196.00R.
Knobloch, Dale B., to Rockmont Industries, Inc. Hide tanning composition and method of preparing same. 4,502,859, 3-5-85, Cl. 8-94.290.
Knobloch, Dale B.: *See—*
  Van Veen, Onno; and Knobloch, Dale B., 4,544,361, Cl. 434-296.000.
Knoblock, Dennis F.: *See—*
  Nash, Robert W.; Andre, Paul R.; and Knoblock, Dennis F., 4,494,775, Cl. 285-26.000.
Knoch, Darrell G. Heat recovery device for exhaust flues. 4,550,772, 11-5-85, Cl. 165-47.000.

Knochel, Arndt; Eggers, Ingo; Klatte, Bernd; and Wilken, Rolf-Dieter, to Kernforschungszentrum Karlsruhe GmbH. Method for enriching and separating heavy hydrogen isotopes from substance streams containing such isotopes by means of isotope exchange. 4,519,996, 5-28-85, Cl. 423-249.000.

Knochel, Reinhard, to U.S. Philips Corporation. Arrangement for measuring moisture content. 4,546,311, 10-8-85, Cl. 324-58.50R.

Knock, Anthony J.: *See—*

Riediger, Craig W.; Mangus, Ervin E.; Simmons, Gerald P.; and Knock, Anthony J., 4,541,497, Cl. 180-6.480.

Knodel, Emil; and Nonnenmacher, Gerhard, to Robert Bosch GmbH. Power regulating device for a hydrostatic pump. 4,509,902, 4-9-85, Cl. 417-216.000.

Knodel, Erich, to Walter Graf u. Co GmbH & Co. Piston for precision dosing instrument. 4,501,192, 2-26-85, Cl. 92-248.000.

Knodel, Gunter, to Getrag Getriebe- und Zahnradfabrik GmbH. Torsional vibration reducing connection between an internal combustion engine and a transmission. 4,561,532, 12-31-85, Cl. 192-106.100.

Knodle, Daniel W.: *See—*

Labuda, Lawrence L.; and Knodle, Daniel W., 4,558,708, Cl. 128-719.000.

Knodler, Helmut: *See—*

Lang, Armin; and Knodler, Helmut, 4,555,975, Cl. 91-417.00R.

Knoedler, Reinhard; Nelson, Paul A.; Shimotake, Hiroshi; and Battles, James E., to United States of America, Energy. Hermetically sealed electrical feedthrough for high temperature secondary cells. 4,508,797, 4-2-85, Cl. 429-184.000.

Knoedler, Roy E.: *See—*

Martel, Lisa; Knoedler, Roy E.; and Gerken, Donald L., 4,545,613, Cl. 297-250.000.

Knoerzer, Jerome J.: *See—*

DuBroff, William; Kaegi, Dennis D.; Knoerzer, Jerome J.; and Spearin, Elliott Y., 4,528,069, Cl. 201-20.000.

Knogo Corporation: *See—*

Minasy, Arthur J., 4,531,264, Cl. 24-155.0BR.

Knoishiroku Photo Industry Co. Ltd.: *See—*

Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, 4,492,456, Cl. 355-3.0DD.

Knoke, Gerald S.: *See—*

Huffman, Lester H.; and Knoke, Gerald S., 4,536,035, Cl. 299-17.000.

Knol, Dirk: *See—*

Groeneveld, Christiaan; Knol, Dirk; Verstegen, Johannes D. M.; and Jansen, Jacobus, 4,554,386, Cl. 568-697.000.

Knoll AG: *See—*

Marlettini, Maria G.; DeNovellis, Michelangelo; Labriola, Ernesto; Salomone, Teresa; and Tomassetti, Paola, 4,522,827, Cl. 514-671.000.

Knoll, Frank: *See—*

Spinosa, Dominic J.; and Knoll, Frank, 4,496,271, Cl. 410-105.000.

Spinosa, Dominic J.; and Knoll, Frank, 4,506,862, Cl. 251-149.500.

Knoll, Fritz: *See—*

Steiner, Heinz; and Knoll, Fritz, 4,558,852, Cl. 267-137.000.

Knoll, Glenn F.; and Schrader, Mark E., to Medtronic, Inc. Energy window selection for a radiation signal processing system. 4,546,255, 10-8-85, Cl. 250-369.000.

Knoll, Gunther: *See—*

Frey, Thomas; Grunwald, Werner; Knoll, Gunther; and Weyl, Helmut, 4,560,463, Cl. 204-424.000.

Knoll, Helmut: *See—*

Schreier, Kurt; Bartsch, Karl; Knoll, Helmut; and Tomazic, Gerd, 4,554,041, Cl. 156-276.000.

Knoll International, Inc.: *See—*

Brownlie, Alan; Crawford, Jeffrey D.; and Smith, Harold A., 4,561,693, Cl. 297-306.000.

Davis, Charles S., 4,536,833, Cl. 362-293.000.

Latone, Thomas L., 4,533,177, Cl. 297-301.000.

Latone, Thomas L., 4,536,031, Cl. 297-353.000.

Unger, Goetz W., 4,516,305, Cl. 29-448.000.

Knoll, Jerry: *See—*

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Knoll, Jimmie L.: *See—*

Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 4,510,642, Cl. 15-231.000.

Knoll, Jozsef: *See—*

Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, 4,495,189, Cl. 514-258.000.

Knoll, Peter; Konig, Winfred; and Ziegler, Wolfgang, to Robert Bosch GmbH. Gradient-free illumination of passive readout display devices. 4,502,761, 3-5-85, Cl. 350-345.000.

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Knoll, William C.; and Bay, David L., to GTE Products Corporation. Drive scheme for a plurality of flourescent lamps. 4,525,649, 6-25-85, Cl. 315-96.000.

Knoll, William C.; and Bay, David L., to GTE Products Corporation. Output circuit for an electronic ballast system. 4,532,456, 7-30-85, Cl. 315-223.000.

Knolle, Jochen: *See—*

Beck, Gerhard; Bartmann, Wilhelm; Knolle, Jochen; and Rupp, Richard H., 4,548,936, Cl. 514-422.000.

Knollman, Gilbert C.: *See—*

Hartog, Jan J.; Bellin, Jack L.; Knollman, Gilbert C.; and Jonath, Arthur D., 4,538,462, Cl. 73-577.000.

Knollmann, Fritz. Device for treating photo printing plates. 4,542,968, 9-24-85, Cl. 354-322.000.

Knoop, Donald E.; and Mundy, David W., to Whirlpool Corporation. Automatic liquid control system for a clothes washing machine. 4,503,575, 3-12-85, Cl. 8-158.000.

Knoop, Donald E.: *See—*

Getz, Edward H.; and Knoop, Donald E., 4,528,709, Cl. 8-158.000.

Knoop, Franz-Josef, to Nixdorf Computer AG. Modular switch unit with snap-in base, separate modular switch unit and cover coded switch actuating interior lugs. 4,540,858, 9-10-85, Cl. 200-5.00R.

Knoop, Jack P. Variable length tab-forming device for tape roll holders. 4,540,393, 9-10-85, Cl. 493-353.000.

Knoos, Stellan. Thermal energy transfer system and method. 4,498,295, 2-12-85, Cl. 60-517.000.

Knop, Charles M.: *See—*

Saad, Saad S.; and Knop, Charles M., 4,553,112, Cl. 333-21.00R.

Knop, Hans-Georg, to Dr. Ing. Rudolf Hell GmbH. Method of improving contrast accentuation. 4,521,812, 6-4-85, Cl. 358-287.000.

Knop, Jurgen; Sedlacek, Hans-Harald; and Seiler, Friedrich R., to Hoechst Aktiengesellschaft. Immunostimulating agent. 4,510,129, 4-9-85, Cl. 424-86.000.

Knop, Karl H., to RCA Corporation. Diffractive color separation filter. 4,506,949, 3-26-85, Cl. 350-162.190.

Knop, Karl H., to RCA Corporation. Solid-state color-encoding television camera. 4,546,380, 10-8-85, Cl. 358-43.000.

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Knopf, Franz, to List, Hans. Axial fan. 4,514,140, 4-30-85, Cl. 415-119.000.

Knopf, Robert J.; and Drake, Kenneth, to Union Carbide Corporation. Carboxylated poly(oxyalkylenes). 4,528,334, 7-9-85, Cl. 525-404.000.

Knopf, William H., to American Hoechst Corporation. Extrusion die and process for thickness control. 4,517,145, 5-14-85, Cl. 264-40.200.

Knopp, Hans: *See—*

Gujer, Peter; Guldenfels, Dieter; Wirz, Armin; Knopp, Hans; Herion, Dieter; and Conzelmann, Gerhard, 4,519,115, Cl. 28-255.000.

Knopp, Steven D.: *See—*

Elsing, John W.; Gorham, Gene F.; and Knopp, Steven D., 4,521,819, Cl. 360-97.000.

Knops, Hans-Joachim; Kramer, Wolfgang; and Frohberger, Paul-Ernst, to Bayer Aktiengesellschaft. Morpholino propanol derivatives, fungicidal compositions and use. 4,495,184, 1-22-85, Cl. 514-238.000.

Knor, Bernhard: *See—*

Payrhammer, Bernd; and Knor, Bernhard, 4,523,839, Cl. 355-68.000.

Knorowski, Victor J.; and Sheflin, Daniel J., to General Electric Company. Steam turbine wheel antirotation means. 4,497,612, 2-5-85, Cl. 416-198.00A.

Knorr, Andreas: *See—*

Seidel, Wolfgang; Kazda, Stanislav; and Knorr, Andreas, 4,558,055, Cl. 514-291.000.

Wehinger, Egbert; Kazda, Stanislav; and Knorr, Andreas, 4,559,350, Cl. 514-332.000.

Knorr-Bremse GmbH: *See—*

Brearey, Nicholas J.; and Baumgarth, Rolf, 4,538,228, Cl. 364-426.000.

Eder, Herbert, 4,536,040, Cl. 303-37.000.

Goritz, Bernd; Huber, Johann; and Meinicke, Peter, 4,561,700, Cl. 303-36.000.

Hintner, Josef, 4,552,411, Cl. 303-37.000.

Krause, Friedrich, 4,533,185, Cl. 303-3.000.

Pollinger, Hans; Saumweber, Eckart; Schorwerth, Mathias; and Wirth, Xaver, 4,535,874, Cl. 188-73.100.

Sander, Nils B. L.; and Nadas, Julius, 4,493,401, Cl. 188-199.000.

Knorreck, Peter; Kuhne, Wolfgang; and Muller, Norbert, to Robert Bosch GmbH. Valve for gaseous and/or liquid flow media. 4,498,499, 2-12-85, Cl. 137-627.500.

Knorreck, Peter: *See—*

Ebert, Rolf; Knorreck, Peter; Kramer, Manfred; and Merkel, Wilfried, 4,559,816, Cl. 73-119.00A.

Knors, Herbert: *See—*

Aretz, Ulrich; Knors, Herbert; Maassen, Wilhelm; Reiners, Franz-Josef; and Tholen, Leo, 4,558,829, Cl. 242-35.50A.

Knosel, Johann: *See—*

Falk, Ernst; and Knosel, Johann, 4,512,343, Cl. 128-303.170.

Knote, Charles E. Bait station and trap. 4,521,987, 6-11-85, Cl. 43-131.000.

Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, to Vyskummy ustav chemickych claken. Cigarette filter and method of manufacture. 4,546,040, 10-8-85, Cl. 428-370.000.

Knoth, Norbert; and Miehe, Friedrich V., to Francotyp Gesellschaft mbH. Electronically controlled postage metering machine and free stamping machine. 4,541,053, 9-10-85, Cl. 364-466.000.

Knoth, Werner-Dieter: *See—*

Nebelung, Hermann H.; and Knoth, Werner-Dieter, 4,492,595, Cl. 65-263.000.

Knothe, Erich; Melcher, Franz-Josef; Stadler, Eberhard; and Exner, Rainer, to Sartorius GmbH. Electric balance. 4,494,620, 1-22-85, Cl. 177-25.000.

Knothe, Erich; Eger, Matthias; Stadler, Eberhard; and Engelhardt, Herbert, to Sartorius GmbH. Spring body with integrated parallel guide for a balance with an upper scale. 4,542,800, 9-24-85, Cl. 177-211.000.

Knothe, Erich: *See—*
  Hennemuth, Kurt; Kohn, Heinz G.; Knothe, Erich; and Pradel, Gunter, 4,529,397, Cl. 604-4.000.

Knothe, Herbert; and Roschmann, Klaus, to TELDEC Telefunken-Decca-Schallplatten GmbH. Method for producing a record carrier. 4,512,007, 4-16-85, Cl. 369-127.000.

Knothe, Herbert: *See—*
  Borchard, Heinz; Knothe, Herbert; and Rybka, Bruno, 4,515,843, Cl. 428-64.000.

Knott, David M.: *See—*
  Blair, Kelvin R.; Furman, Lynn C.; and Knott, David M., 4,530,003, Cl. 357-81.000.

Knott, Jack E., II: *See—*
  Odorzynski, Thomas W.; and Knott, Jack E., II, 4,552,801, Cl. 428-220.000.

Knott, Joseph, to Siemens Aktiengesellschaft. Device for regenerating the carrier particles of a two-component developer consisting of carrier particles and toner. 4,500,194, 2-19-85, Cl. 355-3.0DD.

Knott, Joseph; and Kopp, Walter, to Siemens Aktiengesellschaft. Method for regenerating the carrier particles of a two-component developer consisting of carrier particles and toner. 4,511,639, 4-16-85, Cl. 430-108.000.

Knott, Joseph, to Siemens Aktiengesellschaft. Device for filling and filtering toner from storage container into a feed container for a photocopier. 4,561,759, 12-31-85, Cl. 355-3.0DD.

Knott, Michael W., to Kelrack Limited. Movable piece puzzle. 4,546,979, 10-15-85, Cl. 273-153.00S.

Knotter, David G.; and Numbers. Jody L., to Knotter, David G. Cane. 4,527,579, 7-9-85, Cl. 135-74.000.

Knotz, Florian: *See—*
  Pyne, William J.; Lowbridge, John; Chang, In-Kook; Knotz, Florian; and Powers, Larry J., 4,545,810, Cl. 71-92.000.

Knowlen, Bruce R.: *See—*
  Brock, Gregory K.; and Knowlen, Bruce R., 4,528,651, Cl. 367-99.000.

Knowles, Albert H.; and Rines, Robert H. Process and apparatus for fish growth acceleration. 4,509,459, 4-9-85, Cl. 119-3.000.

Knowles, Albert H.: *See—*
  Rines, Robert H.; and Knowles, Albert H., 4,509,458, Cl. 119-3.000.

Knowles, James. Composite wood beam and method of making same. 4,501,102, 2-26-85, Cl. 52-690.000.

Knowles, James. Corrugated staple. 4,514,126, 4-30-85, Cl. 411-477.000.

Knowles, James. Metal joist construction. 4,548,014, 10-22-85, Cl. 52-693.000.

Knowles, Joe E.; and Winters, Mellie E., to Coleman Company, Inc., The. Non-pull apart telescoping roof jack assembly for furnace. 4,522,191, 6-11-85, Cl. 126-307.00R.

Knowles, John P.; Wheeler, Steven A.; and Mitchell, Stewart D., to Texaco Limited. Flow line riser for offshore structure. 4,519,726, 5-28-85, Cl. 405-195.000.

Knowles, Michael R.: *See—*
  Boucher, Richard C.; Gatzy, John T.; and Knowles, Michael R., 4,501,729, Cl. 424-45.000.

Knowles, Robert C.; and Marshall, Darrell R., to Microdyne Corporation. Automatic gain control system. 4,492,930, 1-8-85, Cl. 330-284.000.

Knowles, Terrance: *See—*
  Deitch, Leonard; and Knowles, Terrance, 4,517,559, Cl. 340-712.000.

Knowles, Wayne C. Apparatus for measuring head and spine movement. 4,528,990, 7-16-85, Cl. 128-782.000.

Knowley, David W. Mud flap hanger. 4,541,646, 9-17-85, Cl. 280-154.50R.

Knowlton, Ruth H.; and Huang, Hsin, to Norton Christensen, Inc. Earth-boring drill bit with rectangular nozzles. 4,527,642, 7-9-85, Cl. 175-329.000.

Knox, Bruce R.; and Hruby, Andrew J., to Ardac, Inc. Apparatus for remote authorization for dispensing fluids. 4,499,464, 2-12-85, Cl. 340-825.720.

Knox, Bruce R.: *See—*
  Gorgone, Robert L.; Iannadrea, Gerald M.; Dolejs, Anthony H.; Knox, Bruce R.; and Kovach, Alan J., 4,513,439, Cl. 382-7.000.

Knox, David J. Apparatus for wetting apertured discs. 4,516,523, 5-14-85, Cl. 118-500.000.

Knox, Dick L.; Leuthen, John M.; and Lockyear, Kevin W., to Hughes Tool Company. Motor variable frequency drive. 4,491,778, 1-1-85, Cl. 318-803.000.

Knox, Dick L., to Hughes Tool Company. Toroidal inductor for a pressure sensor in a submersible pump. 4,492,523, 1-8-85, Cl. 417-13.000.

Knox, Frank A., to Shelton, Albert; and Shelton, Verma. Reusable moisture impervious underpad. 4,499,131, 2-12-85, Cl. 428-68.000.

Knox, Granville S. Pipe coupling. 4,521,037, 6-4-85, Cl. 285-15.000.

Knox, Granville S. Pipe coupling and sealing device therefor. 4,523,779, 6-18-85, Cl. 285-294.000.

Knox, Howard: *See—*
  Prete, Ernest, Jr.; and Knox, Howard, 4,510,651, Cl. 24-68.00R.

Knox, Jack M.: *See—*
  Hung, William M.; and Knox, Jack M., 4,536,368, Cl. 422-37.000.

Knox, Joseph D.: *See—*
  Lawson, John A.; Kuehnle, Manfred R.; and Knox, Joseph D., 4,561,730, Cl. 350-432.000.

Knox, Kenneth H.: *See—*
  Larkin, Mark E.; and Knox, Kenneth H., 4,523,691, Cl. 220-266.000.

Knox, Lloyd C.; and Gursky, William, Jr., to Halliburton Company. Grouting method. 4,493,592, 1-15-85, Cl. 405-225.000.

Knox, Lloyd C.; and Moore, Clayton A., to Halliburton Company. Grouting method - chemical method. 4,552,486, 11-12-85, Cl. 405-227.000.

Knubley, John S.: *See—*
  Sparks, David J.; Whitefoot, Keith; and Knubley, John S., 4,542,836, Cl. 222-27.000.

Knuchel, Max, to SIG Schweizerische Industrie-Gesellschaft. Apparatus for aligning elongated articles. 4,494,643, 1-22-85, Cl. 198-392.000.

Knud Simonsen Industries Limited: *See—*
  Norrie, Lyle W.; Snider, Robert W.; and Simonsen, Knud, 4,498,378, Cl. 99-472.000.
  Norrie, Lyle W.; and Pawlicki, Richard I., 4,540,094, Cl. 211-113.000.

Knudel, Gunter, to Volkswagenwerk Aktiengesellschaft. Window pane mounting for vehicles. 4,532,741, 8-6-85, Cl. 52-99.000.

Knudsen, David S. Packaging machine. 4,490,963, 1-1-85, Cl. 53-559.000.

Knudsen, David S.; and Knudsen, James D. Machine and process for producing inserts having folded pull tabs. 4,526,562, 7-2-85, Cl. 493-80.000.

Knudsen, James D.: *See—*
  Knudsen, David S.; and Knudsen, James D., 4,526,562, Cl. 493-80.000.

Knudsen, James K.; and Keyes, Marion A., IV, to Babcock & Wilcox Company, The. Sensor for a vortex shedding flowmeter. 4,552,026, 11-12-85, Cl. 73-861.240.

Knudsen, Knud C. B., to Superfos A/S. Gypsum conversion. 4,504,458, 3-12-85, Cl. 423-552.000.

Knudsen, Ronald D.; and Reiter, Stephen E., to Phillips Petroleum Company. Ethylene oligomeration. 4,518,814, 5-21-85, Cl. 585-523.000.

Knudsen, Ronald D., to Phillips Petroleum Company. Ethylene dimerization. 4,528,415, 7-9-85, Cl. 585-527.000.

Knudsen, Ronald D.: *See—*
  Fodor, Lawrence M.; and Knudsen, Ronald D., 4,491,677, Cl. 568-751.000.

Knudsen, Soren, to Gerni A/S. Apparatus for cleaning surfaces. 4,526,321, 7-2-85, Cl. 239-229.000.

Knudson, Gary A. Wide panel, panel assembly. 4,505,084, 3-19-85, Cl. 52-528.000.

Knudson, Gary A. Wide panel, panel assembly, and panel forming apparatus. 4,505,143, 3-19-85, Cl. 72-187.000.

Knudson, Gary A. Snap-on fastening device and cap assembly for seamed panels. 4,546,586, 10-15-85, Cl. 52-469.000.

Knudson, Giltner J., to Hutchinson, Nancy K. Steering controllers for boats. 4,519,334, 5-28-85, Cl. 114-144.00R.

Knudson, Mark B.; Sembrowich, Walter L.; and Guruswamy, Vinodhini, to SenTech Medical Corporation. Ion selective electrode. 4,549,951, 10-29-85, Cl. 204-416.000.

Knudson, Robert M.; and Ehrenfellner, Hubert, to MacMillan Bloedel Limited. Apparatus for laying a mat of wood strands. 4,494,919, 1-22-85, Cl. 425-83.100.

Knudtson, Lynn A.; and Sprenger, Glenn R., to Stauffer Chemical Company. In line dry material sampler. 4,524,628, 6-25-85, Cl. 73-863.430.

Knupp, John L., Jr., to Du Pont de Nemours, E. I., and Company. Extraction of substances from aqueous solution. 4,515,695, 5-7-85, Cl. 210-634.000.

Knutsen, Daniel P., to Boise Cascade Corporation. Pocket ventilation roll baffle assembly. 4,492,044, 1-8-85, Cl. 34-114.000.

Knutsen, Michael P.: *See—*
  Balder, Richard T.; and Knutsen, Michael P., 4,497,278, Cl. 119-26.000.

Knutson, Dale A.; and Fritz, Frank, to Applied Power Inc. Pressure regulator. 4,538,644, 9-3-85, Cl. 137-625.640.

Knutson, Richard K.: *See—*
  Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., 4,513,016, Cl. 426-554.000.
  Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., 4,515,824, Cl. 426-554.000.
  Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., 4,529,610, Cl. 426-554.000.

Knutsson, Lars G., to Ingenjorsfirma G. Knutsson AB. Equipment for handling sheet material in a pattern cutting machine. 4,544,824, 10-1-85, Cl. 219-121.0LG.

Knutti, David F.: *See—*
  Jacobsen, Stephen C.; Knutti, David F.; and Johnson, R. Todd, 4,521,924, Cl. 3-1.100.

Knutti, James W.: *See—*
  Petersen, Kurt E.; Allen, Henry V.; and Knutti, James W., 4,543,457, Cl. 200-83.00N.

Knytex Proform: *See—*
  Hutson, Harold K., 4,550,045, Cl. 428-102.000.

Ko, Ming; Oxsen, Michael E.; and Prime, Robert B., to International Business Machines Corporation. Polymeric additives for magnetic coating materials. 4,546,035, 10-8-85, Cl. 428-315.900.

Ko-Operatiewe Wijnbouers Vereniging Van Zuid-Afrika Beperkt: *See—*

Sanderson, Ronald D.; and Badenhorst, Jurchens B., 4,544,589, Cl. 428-35.000.

Ko, Ping K., to AT&T Bell Laboratories. Silicon gigabit metal-oxide-semiconductor device processing. 4,532,697, 8-6-85, Cl. 29-571.000.

Ko, Wen H.; and Leung, Albert M., to Case Western Reserve University. Pressure telemetry implant. 4,519,401, 5-28-85, Cl. 118-748.000.

Ko, Yu M.; and Cornick, Keith, to General Electric Company, p.l.c., The. Apparatus and method for locating the position of a fault occurring in an electric power transmission system with respect to a monitoring point. 4,500,834, 2-19-85, Cl. 324-52.000.

Koal, Jan G. Polymer piezoelectric sensor of animal foot pressure. 4,499,394, 2-12-85, Cl. 310-330.000.

Koball, Bruce R.: *See—*

Bilbrey, Robert A.; and Koball, Bruce R., 4,543,571, Cl. 340-710.000.

Koban, Hans G.: *See—*

Drauz, Karlheinz; Koban, Hans G.; Martens, Jurgen; and Schwarze, Werner, 4,524,211, Cl. 548-111.000.

Kobarg, Gerd: *See—*

Six, Jorg; and Kobarg, Gerd, 4,557,023, Cl. 24-16.0PB.

Kobari, Yuji: *See—*

Hatori, Yukiyoshi; Yagi, Eiji; and Kobari, Yuji, 4,520,777, Cl. 123-339.000.

Yagi, Eiji; Hatori, Yukiyoshi; and Kobari, Yuji, 4,503,297, Cl. 200-61.390.

Yagi, Eiji; Kobari, Yuji; and Takahashi, Sadahiro, 4,518,055, Cl. 180-142.000.

Kobashi, Kiyoshi: *See—*

Oishi, Kiyohiko; Kobashi, Kiyoshi; and Takama, Kenichirou, 4,549,398, Cl. 60-286.000.

Kobashi, Rikiya: *See—*

Aihara, Hiroshi; Matumura, Akira; Takemura, Hiroshi; Kobashi, Rikiya; Satomi, Keisuke; and Ishibashi, Hiroe, 4,498,033, Cl. 318-261.000.

Kobashi, Sadao: *See—*

Kawabe, Norio; Tsuda, Mikio; and Kobashi, Sadao, 4,496,647, Cl. 430-303.000.

Kobashi, Toshiyuki; and Naka, Hideo, to Japan Exlan Company Limited. Method of producing colloidal antimony oxide. 4,533,538, 8-6-85, Cl. 423-617.000.

Kobashi, Toshiyuki; and Takao, Seiji, to Japan Exlan Company Limited. High strength polyacrylonitrile fiber and method of producing the same. 4,535,027, 8-13-85, Cl. 428-364.000.

Kobashi, Toshiyuki; and Takagi, Shoyo, to Japan Exlan Company Limited. Process for producing high molecular weight acrylonitrile polymers. 4,540,754, 9-10-85, Cl. 526-88.000.

Kobashi, Toshiyuki; and Naka, Hideo, to Japan Exlan Company Limited. Process for producing dispersions comprising fine particles of acrylonitrile polymers. 4,546,146, 10-8-85, Cl. 524-831.000.

Kobashi, Yuuji: *See—*

Yogome, Yoshihiro; Kobashi, Yuuji; and Shinada, Kazuyoshi, 4,545,469, Cl. 192-51.000.

Kobata, Fumihiro: *See—*

Kawabata, Juheiji; Inoue, Toshio; Sugie, Toshinori; and Kobata, Fumihiro, 4,507,468, Cl. 528-388.000.

Sugie, Toshinori; Ishikawa, Ryoichi; and Kobata, Fumihiro, 4,528,346, Cl. 525-523.000.

Kobayakawa, Yohji: *See—*

Hamada, Takaaki; Kobayakawa, Yohji; Nishikawa, Akira; and Kawahara, Manabu, 4,546,857, Cl. 186-37.000.

Kobayashi, Akihiro: *See—*

Kikuchi, Toru; Saito, Takayuki; Kobayashi, Akihiro; and Goto, Hitoshi, 4,507,460, Cl. 525-507.000.

Saito, Takayuki; Kikuchi, Toru; Obara, Masakatsu; and Kobayashi, Akihiro, 4,491,667, Cl. 549-302.000.

Kobayashi, Akio; Mizoguchi, Hitoshi; Ikeda, Hisatoshi; and Mayama, Hidekiyo, to Tokyo Shibaura Denki Kabushiki Kaisha. Puffer type gas-blast circuit breaker. 4,516,006, 5-7-85, Cl. 200-148.00A.

Kobayashi, Akio; Harada, Susumu; Harada, Takashi; Kikuchi, Takehiro; and Honda, Masakazu, to Nippondenso Co., Ltd. Lean mixture control system using a biased oxygen concentration sensor. 4,546,747, 10-15-85, Cl. 123-489.000.

Kobayashi, Akio: *See—*

Harada, Takashi; Kobayashi, Akio; Honda, Masakazu; Harada, Susumu; Fujimoto, Masaya; and Suzuki, Masatoshi, 4,543,176, Cl. 204-406.000.

Honda, Masakazu; Harada, Susumu; and Kobayashi, Akio, 4,541,050, Cl. 364-424.000.

Muramatsu, Toshihiko; Kobayashi, Akio; Kondo, Toshio; Isomura, Shigenori; and Eino, Tomomi, 4,492,202, Cl. 123-478.000.

Nishida, Susumu; Fuchigami, Tadashi; Kimura, Seiji; Kishi, Shunsaku; and Kobayashi, Akio, 4,527,624, Cl. 165-184.000.

Kobayashi, Atsushi; Moriya, Yoshiaki; and Mitani, Ryo, to Tokyo Shibaura Denki Kabushiki Kaisha. Liquid crystal driver circuit. 4,529,890, 7-16-85, Cl. 307-270.000.

Kobayashi, Atsushi: *See—*

Mitani, Ryo; Moriya, Yoshiaki; and Kobayashi, Atsushi, 4,538,145, Cl. 340-805.000.

Kobayashi, Chikara: *See—*

Ohkoshi, Tatsuo; and Kobayashi, Chikara, 4,511,093, Cl. 241-60.000.

Kobayashi, Fumiaki: *See—*

Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, 4,519,353, Cl. 123-359.000.

Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, 4,520,780, Cl. 123-359.000.

Kobayashi, Fumihiko: *See—*

Imai, Takafumi; and Kobayashi, Fumihiko, 4,537,944, Cl. 528-18.000.

Kobayashi, Fumiyuki: *See—*

Soga, Tasao; Suzuki, Takaya; Okamura, Masahiro; Gooda, Masahiro; and Kobayashi, Fumiyuki, 4,491,562, Cl. 420-589.000.

Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.

Kobayashi, Hachisiro: *See—*

Mori, Yoshihisa; Kobayashi, Hachisiro; and Takashima, Mitsuru, 4,493,071, Cl. 369-146.000.

Kobayashi, Haruhiko: *See—*

Ito, Tomoo; Kamifuji, Hiroshi; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,494,498, Cl. 123-179.00G.

Kamifuji, Hiroshi; Ito, Tomoo; Kobayashi, Haruhiko; and Itakura, Tomiya, 4,547,852, Cl. 364-431.040.

Kobayashi, Hideaki, to Hitachi, Ltd. Large surface area permanent magnet type rotary electrical machine. 4,559,463, 12-17-85, Cl. 310-156.000.

Kobayashi, Hideki; and Hamada, Mitsuo, to Toray Silicone Company, Ltd. Electrically conductive silicone rubber compositions. 4,500,447, 2-19-85, Cl. 252-511.000.

Kobayashi, Hideki, to Toray Silicone Company, Ltd. Silicone rubber molded products and a method for producing same. 4,505,848, 3-19-85, Cl. 252-511.000.

Kobayashi, Hideo; Kashiwagi, Takao; Yoshimura, Kunimasa; and Mae, Hisao, to Toyota Jidosha Kabushiki Kaisha. Internal combustion engine cooling system and method of operation thereof. 4,539,942, 9-10-85, Cl. 123-41.100.

Kobayashi, Hideo; and Fukutomi, Yohji, to Honda Giken Kogyo Kabushiki Kaisha. Air intake side secondary air supply system for an internal combustion engine. 4,541,400, 9-17-85, Cl. 123-589.000.

Kobayashi, Hideo: *See—*

Ichida, Toshio; Kobayashi, Hideo; Ogata, Hajime; and Tsugawa, Shunichi, 4,519,879, Cl. 204-35.100.

Kobayashi, Hidetaka; and Kinpara, Akiyoshi, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Propelling unit support structure for outboard engines. 4,507,090, 3-26-85, Cl. 440-52.000.

Kobayashi, Hidetoshi; Takahashi, Toshiro; Hirano, Shigeo; Hirose, Takeshi; and Adachi, Keiichi, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material. 4,518,682, 5-21-85, Cl. 430-543.000.

Kobayashi, Hidetoshi: *See—*

Mihayashi, Keiji; Takada, Shunji; and Kobayashi, Hidetoshi, 4,526,863, Cl. 430-505.000.

Miyasaka, Tsutomu; Kobayashi, Hidetoshi; Itoh, Isamu; and Hirano, Shigeo, 4,550,070, Cl. 430-202.000.

Kobayashi, Hiromu: *See—*

Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, 4,508,841, Cl. 502-73.000.

Kobayashi, Hiroshi; and Machida, Haruhiko, to Machida Endoscope Company Limited. Method for manufacturing quadric surface. 4,497,144, 2-5-85, Cl. 51-284.00R.

Kobayashi, Hiroshi, to Nissan Motor Company, Limited. Liquid gauge. 4,497,204, 2-5-85, Cl. 73-304.00C.

Kobayashi, Hiroshi, to Nissan Motor Company, Limited. Method of making liquid container having electrode plates to detect liquid level by measuring capacitance. 4,512,067, 4-23-85, Cl. 29-25.410.

Kobayashi, Hiroshi; and Kousaka, Michio, to Toyo Seikan Kaisha, Ltd. Stopper assembly for medical liquid container and method and apparatus for manufacturing the same. 4,512,486, 4-23-85, Cl. 215-249.000.

Kobayashi, Hiroshi, to Nissan Motor Company, Limited. Liquid quantity sensor of capacitor type and method of producing same. 4,519,012, 5-21-85, Cl. 361-284.000.

Kobayashi, Hiroshi, to Nissan Motor Company, Limited. Fuel gauge for an automotive vehicle. 4,531,407, 7-30-85, Cl. 73-304.00C.

Kobayashi, Hiroshi; Machida, Hazime; and Tanaka, Motoharu, to Ricoh Company, Ltd. Magneto-optical recording medium having a ferrimagnetic recording layer. 4,544,602, 10-1-85, Cl. 428-336.000.

Kobayashi, Hiroshi; Muramatsu, Shinichi; Ichikawa, Yoshiro; and Mitsui, Seizo, to Shinko Electric Industries Co., Ltd. Selective plating apparatus. 4,553,501, 11-19-85, Cl. 118-669.000.

Kobayashi, Hirotada: *See—*

Shingo, Yoshioki; Matsuda, Takao; Yoshino, Akira; Sunazuka, Hideo; Hasegawa, Masatake; and Kobayashi, Hirotada, 4,549,041, Cl. 174-113.00R.

Kobayashi, Hiroyuki, to Hitachi, Ltd. Apparatus and method for adjusting optical axis of electron microscope. 4,531,057, 7-23-85, Cl. 250-311.000.

Kobayashi, Hiroyuki: *See—*

Danno, Yoshiaki; Kobayashi, Hiroyuki; and Fukui, Toyoaki, 4,520,272, Cl. 290-40.00A.

Kato, Yasuji; Kobayashi, Hiroyuki; and Yamamoto, Yukio, 4,560,861, Cl. 235-105.000.

Shii, Kazuo; Kobayashi, Hiroyuki; Kubozoe, Morioki; and Isakozawa, Shigeto, 4,494,000, Cl. 250-311.000.

Kobayashi, Hisamine; and Ishihara, Toshiro, to Shikishima Tipton Manufacturing Co., Ltd. Centrifugal rotary barrel-type finishing machine. 4,505,072, 3-19-85, Cl. 51-164.200.

Kobayashi, Hisamine; Ishiguro, Tomihiro; and Murata, Akio, to Shikishima Tipton Manufacturing Co., Ltd. Elongated annular vibratory

barrel finishing apparatus having unbalanced weights controlled by an electronic processor. 4,517,771, 5-21-85, Cl. 51-163.200.
Kobayashi, Hisao; Ohno, Makoto; and Suzuki, Shinichi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Variable delivery compressor. 4,507,059, 3-26-85, Cl. 417-270.000.
Kobayashi, Hisao: *See—*
  Kato, Kimio; Kobayashi, Hisao; Mukai, Takamitsu; Kono, Hiroya; and Yamamoto, Taku, 4,522,567, Cl. 417-270.000.
  Kurahashi, Masayuki; Kobayashi, Hisao; and Deguchi, Hiroyuki, 4,519,750, Cl. 417-270.000.
Kobayashi, Hisashi: *See—*
  Mizunuma, Takehisa; Abe, Seizaburo; Ohno, Jiro; and Kobayashi, Hisashi, 4,491,487, Cl. 148-6.210.
  Snyder, William J.; Miller, Raymond H.; and Kobayashi, Hisashi, 4,525,138, Cl. 431-187.000.
Kobayashi, Ikuo: *See—*
  Maki, Masao; Kaneko, Yasunori; and Kobayashi, Ikuo, 4,515,862, Cl. 428-450.000.
Kobayashi, Isao: *See—*
  Takakuwa, Shilo; Kobayashi, Isao; Takahashi, Tastuo; and Imamizu, Shige, 4,516,311, Cl. 29-568.000.
Kobayashi, Jitsuo: *See—*
  Kizawa, Hidenori; Fujiyama, Norimasa; Kobayashi, Jitsuo; and Ito, Akinori, 4,517,173, Cl. 424-16.000.
Kobayashi, Katsuyoshi: *See—*
  Fujioka, Masato; Kobayashi, Katsuyoshi; Yuta, Koichi; and Nishihara, Nobuyoshi, 4,494,929, Cl. 432-59.000.
  Ikegami, Hiroshi; Ichida, Kozaburo; and Kobayashi, Katsuyoshi, 4,497,674, Cl. 148-156.000.
Kobayashi, Kazuhiko: *See—*
  Chiba, Kazumasa; Kobayashi, Kazuhiko; and Susuki, Tosaku, 4,507,465, Cl. 528-312.000.
Kobayashi, Kazuhiro: *See—*
  Hayashi, Kiyoshi; Hori, Setsuo; Hirata, Nobuyuki; Kobayashi, Kazuhiro; and Mizuno, Masayuki, 4,557,586, Cl. 355-11.000.
  Hiyama, Tamejiro; and Kobayashi, Kazuhiro, 4,501,909, Cl. 549-342.000.
  Koboshi, Shigeharu; Ishikawa, Masao; Kobayashi, Kazuhiro; Kimura, Toshihiko; and Higuchi, Moeko, 4,518,680, Cl. 430-393.000.
Kobayashi, Kazunari: *See—*
  Kidawara, Atsushi; and Kobayashi, Kazunari, 4,524,920, Cl. 242-71.100.
Kobayashi, Kazuo; Furuta, Mamoru; and Maeno, Yoshio, to NGK Insulators, Ltd. Ceramic arc tube for metal vapor discharge lamps. 4,503,356, 3-5-85, Cl. 313-634.000.
Kobayashi, Kazuo: *See—*
  Hayashi, Masahiro; Shimizu, Makoto; Kobayashi, Kazuo; and Sekiya, Teruo, 4,522,051, Cl. 72-235.000.
  Kanno, Fuchio; Sakamoto, Koji; Kobayashi, Kazuo; Yasuda, Wataru; and Ogiyama, Hiromi, 4,528,937, Cl. 118-657.000.
  Nagase, Hyosuke; Sato, Tetsuya; Kobayashi, Kazuo; Masumoto, Norio; and Nagase, Yuji, 4,517,087, Cl. 210-396.000.
  Yoshida, Hisayoshi; Ogawa, Ichitaro; Hagio, Tsuyoshi; Kobayashi, Kazuo; and Yamamoto, Takayoshi, 4,518,702, Cl. 501-90.000.
Kobayashi, Kazusuke: *See—*
  Tezuka, Yoshitomo; Nakagawa, Takeo; and Kobayashi, Kazusuke, 4,560,622, Cl. 428-599.000.
Kobayashi, Kazutoshi, to Nakamichi Corporation. Dual capstan drive unit for a tape recorder. 4,505,413, 3-19-85, Cl. 226-108.000.
Kobayashi, Kazutsugu: *See—*
  Tanaka, Shinichi; Matsuda, Ikuo; Hirose, Namio; and Kobayashi, Kazutsugu, 4,504,934, Cl. 369-18.000.
Kobayashi, Kazuyoshi; and Takizawa, Shozo, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Suspension system for vehicles. 4,534,580, 8-13-85, Cl. 280-712.000.
Kobayashi, Kei: *See—*
  Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
Kobayashi, Keiitsu: *See—*
  Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi, 4,554,202, Cl. 428-225.000.
Kobayashi, Kenichi: *See—*
  Matsui, Shougo; Mashima, Yoshimitu; and Kobayashi, Kenichi, 4,527,070, Cl. 250-560.000.
Kobayashi, Kesanao: *See—*
  Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, 4,511,645, Cl. 430-276.000.
Kobayashi, Kohei: *See—*
  Asada, Hiroshi; Kobayashi, Kohei; and Iwama, Toshiro, 4,559,143, Cl. 210-714.000.
Kobayashi, Kohroh: *See—*
  Kitamura, Mitsuhiro; Mito, Ikuo; and Kobayashi, Kohroh, 4,525,841, Cl. 372-48.000.
Kobayashi, Koichi; Kawashima, Kenichi; and Oshio, Shuzo, to Fujitsu Limited. Apparatus for processing negative photoresist. 4,508,968, 4-2-85, Cl. 250-441.100.
Kobayashi, Koji; Noguchi, Kiyoshi; and Takayama, Suguru, to TDK Corporation. Process for producing a magnetic recording medium. 4,540,600, 9-10-85, Cl. 427-130.000.
Kobayashi, Koji; and Shimizu, Keisuke, to Hokkai Can Co., Ltd.; and Snow Brand Milk Products Co., Ltd. Container with easy open type closure. 4,548,333, 10-22-85, Cl. 220-276.000.
Kobayashi, Kouji; Noguchi, Kiyoshi; and Takayama, Suguru, to TDK Corporation. Magnetic recording medium. 4,548,871, 10-22-85, Cl. 428-593.000.
Kobayashi, Kouji: *See—*
  Takayama, Suguru; Noguchi, Kiyoshi; and Kobayashi, Kouji, 4,550,062, Cl. 428-611.000.
Kobayashi, Kumi: *See—*
  Tsuchihashi, Genichi; Mitamura, Shuichi; Kitajima, Koji; and Kobayashi, Kumi, 4,496,755, Cl. 560-028.000.
Kobayashi, Kunihilo: *See—*
  Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.
Kobayashi, Kunio: *See—*
  Kubota, Isao; Kobayashi, Kunio; and Miyao, Toshimi, 4,506,000, Cl. 430-39.000.
Kobayashi, Kyoji; Kato, Masaru; and Fujisawa, Koichi, to Nissan Motor Company, Limited; and Jidosha Denki Kogyo Kabushiki Kaisha. Rain condition dependent wiper control system for an automotive vehicle. 4,542,325, 9-17-85, Cl. 318-483.000.
Kobayashi, Makoto, to Canon Kabushiki Kaisha. Stepping motor control apparatus. 4,496,891, 1-29-85, Cl. 318-696.000.
Kobayashi, Masaaki: *See—*
  Nishiguchi, Yuzuru; Uchiyama, Shigeru; and Kobayashi, Masaaki, 4,544,858, Cl. 310-321.000.
Kobayashi, Masaharu: *See—*
  Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, 4,562,549, Cl. 364-486.000.
Kobayashi, Masahiro: *See—*
  Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.
Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, to Hitachi, Ltd.; and Hitachi Denshi Kabushiki Kaisha. Floating point type multiplier circuit with compensation for over-flow and under-flow in multiplication of numbers in two's compliment representation. 4,534,010, 8-6-85, Cl. 364-748.000.
Kobayashi, Masahito: *See—*
  Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.
Kobayashi, Masakazu: *See—*
  Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.
Kobayashi, Masanari: *See—*
  Imaizumi, Mamoru; Fujiwara, Takashi; and Kobayashi, Masanari, 4,541,747, Cl. 400-144.200.
Kobayashi, Masao, to Shinsei Kogyo Co., Ltd. Cassette-type power unit for a motor toy. 4,514,477, 4-30-85, Cl. 429-98.000.
Kobayashi, Masatsune; Haruta, Masahiro; Eida, Tsuyoshi; and Ohta, Tokuya, to Canon Kabushiki Kaisha. Recording medium and ink jet recording paper. 4,517,244, 5-14-85, Cl. 428-342.000.
Kobayashi, Masatsune; Eida, Tsuyoshi; Koike, Shoji; Yokoyama, Yasumasa; and Komori, Tomoko, to Canon Kabushiki Kaisha. Recording liquid. 4,557,761, 12-10-85, Cl. 106-22.000.
Kobayashi, Masatsune: *See—*
  Kanekiyo, Kazue; Kobayashi, Masatsune; Yokoyama, Yasumasa; Eida, Tsuyoshi; Komori, Tomoko; and Koike, Shoji, 4,505,749, Cl. 106-20.000.
Kobayashi, Michio, to Jidosha Kiki Co., Ltd. Brake booster. 4,524,584, 6-25-85, Cl. 60-554.000.
Kobayashi, Michio, to Jidosha Kiki Co., Ltd. Reaction force mechanism for brake power servo booster. 4,535,591, 8-20-85, Cl. 60-554.000.
Kobayashi, Michio, to Jidosha Kiki Co., Ltd. Apparatus for clearance adjustment in brake booster. 4,545,206, 10-8-85, Cl. 60-554.000.
Kobayashi, Michio; and Tsuyuki, Yasuo, to Jidosha Kiki Co., Ltd. Vacuum power servo booster. 4,546,691, 10-15-85, Cl. 91-376.00R.
Kobayashi, Minoru, to Olympus Optical Co., Ltd. Tape recorder having transit noise preventing means. 4,507,695, 3-26-85, Cl. 360-105.000.
Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, to Kabushiki Kaisha Kobe Seiko Sho. Flux-cored wire electrode suitable for use in gas-shielded arc-welding. 4,510,374, 4-9-85, Cl. 219-146.100.
Kobayashi, Minoru; and Nemoto, Shigeru, to Olympus Optical Co. Ltd. Operating lever apparatus. 4,520,415, 5-28-85, Cl. 360-137.000.
Kobayashi, Minoru; and Nemoto, Shigeru, to Olympus Optical Co., Ltd. Operating lever apparatus. 4,521,821, 6-4-85, Cl. 360-137.000.
Kobayashi, Minoru, to Olympus Optical Co., Ltd. Transcriber with erasing device. 4,525,761, 6-25-85, Cl. 360-137.000.
Kobayashi, Mitsunori: *See—*
  Doi, Yoshihiko; Maeda, Yoshiki; and Kobayashi, Mitsunori, 4,507,189, Cl. 204-192.00N.
Kobayashi, Muneo: *See—*
  Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.
Kobayashi, Naoki: *See—*
  Yanagida, Seiichi; and Kobayashi, Naoki, 4,530,015, Cl. 360-33.100.

Kobayashi, Naotake; Abe, Tetsuya; and Fujiwara, Yoshio, to Sony Corporation. Cover film for color hard copy printing paper. 4,522,881, 6-11-85, Cl. 428-336.000.
Kobayashi, Nobuki, to Kita Electrics Co., Ltd. Photo-electric apparatus for monitoring printed papers. 4,545,031, 10-1-85, Cl. 364-900.000.
Kobayashi, Nobuo, to Tomy Kogyo Company, Incorporated. Toy arcade game. 4,522,409, 6-11-85, Cl. 273-316.000.
Kobayashi, Nobuo, to Meidai Bussan Kabushiki Kaisha. Openable side panel for load carrying vehicles. 4,556,248, 12-3-85, Cl. 296-183.000.
Kobayashi, Nobuo: *See—*
    Hirosawa, Toshio; Ohki, Masaru; Miyazaki, Katuto; Kobayashi, Nobuo; and Koizumi, Naoko, 4,550,386, Cl. 364-900.000.
    Kako, Hiroyoshi; Kobayashi, Nobuo; and Kaneyuki, Toshiaki, 4,501,540, Cl. 425-116.000.
    Kako, Hiroyoshi; Kobayashi, Nobuo; Tanimoto, Iwao; and Aiba, Shigeo, 4,539,857, Cl. 74-422.000.
    Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.
Kobayashi, Nobushige; and Kazama, Satoshi, to Maruyama Industrial Co., Ltd. Dry battery driven liquid pump. 4,502,515, 3-5-85, Cl. 141-195.000.
Kobayashi, Nobuyoshi; Iwata, Seiichi; Yamamoto, Naoki; Matsuo, Hitoshi; and Homma, Teiichi, to Hitachi, Ltd. Method of producing semiconductor device. 4,505,028, 3-19-85, Cl. 29-578.000.
Kobayashi, Nobuyuki; and Ito, Hiroshi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Method and apparatus for controlling stepping motor in idling rotational speed control. 4,491,922, 1-1-85, Cl. 364-431.070.
Kobayashi, Nobuyuki; and Hattori, Takashi, to Toyota Jidosha Kabushiki Kaisha. Apparatus for controlling the fuel supply of an internal combustion engine. 4,495,926, 1-29-85, Cl. 123-486.000.
Kobayashi, Nobuyuki; and Ito, Hiroshi, to Toyota Jidosha Kabushiki Kaisha. Electronic engine control system. 4,503,822, 3-12-85, Cl. 123-416.000.
Kobayashi, Nobuyuki; Ito, Hiroshi; and Ohkawa, Nobuhisa, to Toyota Jidosha Kabushiki Kaisha. Engine idling rotational speed control device. 4,513,710, 4-30-85, Cl. 123-339.000.
Kobayashi, Nobuyuki; Ito, Hiroshi; and Sugiura, Yoichi, to Toyota Jidosha Kabushiki Kaisha. Electronic engine control system. 4,543,634, 9-24-85, Cl. 364-431.070.
Kobayashi, Nobuyuki; and Hattori, Takashi, to Toyota Jidosha Kabushiki Kaisha. Method of controlling air-fuel ratio. 4,561,399, 12-31-85, Cl. 123-478.000.
Kobayashi, Nobuyuki: *See—*
    Ito, Toshimitsu; and Kobayashi, Nobuyuki, 4,539,958, Cl. 123-440.000.
    Ito, Toshimitsu; and Kobayashi, Nobuyuki, 4,556,033, Cl. 123-440.000.
    Shinoda, Kazuo; and Kobayashi, Nobuyuki, 4,495,915, Cl. 123-357.000.
Kobayashi, Osamu: *See—*
    Akagawa, Masaki; Onda, Hideaki; Kobayashi, Osamu; and Nishiumi, Kenji, 4,556,139, Cl. 194-4.00C.
    Mori, Yoshikazu; Kojima, Susumu; and Kobayashi, Osamu, 4,513,880, Cl. 221-260.000.
    Mori, Yoshikazu; and Kobayashi, Osamu, 4,540,081, Cl. 194-4.00C.
Kobayashi, Robert J.; Nancarrow, James H.; and Alger, Jeffrey L., to Garrett Corporation, The. Turbocharger combustor method. 4,517,802, 5-21-85, Cl. 60-606.000.
Kobayashi, Ryohei: *See—*
    Yamamoto, Toshiro; Kobayashi, Ryohei; Kurimoto, Mamoru; and Ozone, Toshio, 4,544,406, Cl. 75-123.00N.
Kobayashi, Ryoichi: *See—*
    Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, 4,550,612, Cl. 73-727.000.
Kobayashi, Saburo, to Casio Computer Co., Ltd. Electronic translating apparatus with extended memory. 4,499,554, 2-12-85, Cl. 364-900.000.
Kobayashi, Sadame: *See—*
    Iijima, Yukihiko; and Kobayashi, Sadame, 4,511,920, Cl. 358-139.000.
Kobayashi, Satoru; Masaki, Mikio; Sakuno, Hideaki; Shimizu, Keiichi; and Fukasawa, Takeshi, to Kokusan Kinzoku Kogyo Kabushiki Kaisha. Steering lock for automobiles. 4,516,415, 5-14-85, Cl. 70-252.000.
Kobayashi, Satoru: *See—*
    Akiba, Juji; Kobayashi, Satoru; and Sugibuchi, Hiroyuki, 4,549,171, Cl. 340-605.000.
Kobayashi, Seishichi; Miyazawa, Tetsuo; and Ueno, Hiroshi, to Toyo Seikan Kaisha, Ltd. Process for producing epoxy-type-lacquer. 4,525,497, 6-25-85, Cl. 523-400.000.
Kobayashi, Seishichi: *See—*
    Imazu, Katsuhiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,541,546, Cl. 220-456.000.
    Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.
    Taira, Kazuo; Morofuji, Akihiko; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,500,575, Cl. 428-35.000.
    Taira, Kazuo; Morofuji, Akihiko; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,556,151, Cl. 220-67.000.
    Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,553,682, Cl. 220-75.000.
    Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,556,354, Cl. 413-15.000.
Kobayashi, Shigenobu: *See—*
    Sasaki, Yoshiyuki; Kobayashi, Shigenobu; Okamoto, Tetsuo; and Minemura, Norihiro, 4,539,242, Cl. 428-92.000.
Kobayashi, Shigeo: *See—*
    Kobayashi, Takuma; Kitagawa, Hironobu; and Kobayashi, Shigeo, 4,500,686, Cl. 525-408.000.
Kobayashi, Shigeru; and Nakamura, Munehiro, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process for preparing modified polyolefin particles and foamed article made from the particles. 4,525,486, 6-25-85, Cl. 521-59.000.
Kobayashi, Shigeru, to Marukokeihouki Co., Ltd. Electric horns. 4,540,975, 9-10-85, Cl. 340-388.000.
Kobayashi, Shingo: *See—*
    Funabashi, Tetsuji; and Kobayashi, Shingo, 4,537,259, Cl. 172-4.500.
Kobayashi, Shinichi: *See—*
    Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, 4,531,964, Cl. 71-92.000.
    Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, 4,561,880, Cl. 71-92.000.
Kobayashi, Shinma; and Ohsawa, Eiji, to Nissan Shatai Company, Limited. Blower control arrangement for air conditioning unit or the like. 4,498,309, 2-12-85, Cl. 62-186.000.
Kobayashi, Shinma, to Nissan Shatai Company, Limited. Air conditioner control arrangement for automotive vehicle or the like. 4,538,760, 9-3-85, Cl. 237-2.00A.
Kobayashi, Shiro: *See—*
    Saegusa, Takeo; Kobayashi, Shiro; and Moriuchi, Yasuhiro, 4,540,747, Cl. 525-410.000.
Kobayashi, Shoji: *See—*
    Takeuchi, Takashi; Kobayashi, Shoji; Ohtani, Tsuyoshi; and Imamura, Tetusya, 4,529,649, Cl. 428-328.000.
Kobayashi, Sumio: *See—*
    Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, 4,532,464, Cl. 318-807.000.
Kobayashi, Susumu; Muramoto, Yutaka; Ishizaka, Hideo; and Ishii, Yoshinori, to Terumo Kabushiki Kaisha. Electronic clinical thermometer. 4,556,837, 12-3-85, Cl. 320-2.000.
Kobayashi, Syoji: *See—*
    Takeuchi, Takashi; Kobayashi, Syoji; Ootani, Tsuyoshi; and Imamura, Tetsuya, 4,501,795, Cl. 428-329.000.
Kobayashi, Syouzo: *See—*
    Imamura, Toshio; Kobayashi, Syouzo; and Hirano, Yukihisa, 4,538,559, Cl. 123-90.600.
Kobayashi, Taishi: *See—*
    Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,492,681, Cl. 423-345.000.
    Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,560,589, Cl. 427-249.000.
    Takamizawa, Minoru; Kobayashi, Taishi; Hayashida, Akira; and Takeda, Yoshihumi, 4,550,151, Cl. 528-7.000.
Kobayashi, Takahide, to Koken Co., Ltd. Lens working apparatus. 4,512,108, 4-23-85, Cl. 51-101.0LG.
Kobayashi, Takashi; Inagaki, Takeshi; Takahashi, Hiroshi; and Ohisa, Takayuki, to Konishiroku Photo Industry Co., Ltd. Automatic film rewind method for camera. 4,494,843, 1-22-85, Cl. 354-214.000.
Kobayashi, Takashi, to Yamaha Hatsudoki Kabushiki Kaisha. Snowmobile. 4,518,056, 5-21-85, Cl. 180-193.000.
Kobayashi, Takashi: *See—*
    Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, 4,562,193, Cl. 514-358.000.
    Yoshihara, Setsuo; Otsubo, Yorihumi; and Kobayashi, Takashi, 4,496,830, Cl. 235-458.000.
Kobayashi, Takatoshi: *See—*
    Yamasaki, Harumasa; Kobayashi, Takatoshi; and Sumida, Yuzo, 4,497,930, Cl. 524-556.000.
Kobayashi, Takehiro: *See—*
    Tsunoda, Kikuo; and Kobayashi, Takehiro, 4,513,926, Cl. 242-84.20G.
    Uetsuki, Haruo; and Kobayashi, Takehiro, 4,540,135, Cl. 242-84.51R.
Kobayashi, Takeo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Shutter speed setting device for camera. 4,518,243, 5-21-85, Cl. 354-418.000.
Kobayashi, Takeo: *See—*
    Tano, Eiichi; Kobayashi, Takeo; and Negishi, Kiyoshi, 4,557,575, Cl. 354-289.100.
    Tano, Eiichi; Kobayashi, Takeo; and Negishi, Kiyoshi, 4,558,940, Cl. 354-455.000.
Kobayashi, Takeshi: *See—*
    Yamaji, Hajime; and Kobayashi, Takeshi, 4,558,875, Cl. 277-227.000.
Kobayashi, Takuma; Kitagawa, Hironobu; and Kobayashi, Shigeo, to Toyo Boseki Kabushiki Kaisha. Polyester type block copolymer composition. 4,500,686, 2-19-85, Cl. 525-408.000.
Kobayashi, Tatsuhiko; Ikeuchi, Satoru; Watanabe, Kazumasa; and Suginaka, Shunji, to Konishiroku Photo Industry Co., Ltd. Photographic light-sensitive element. 4,520,095, 5-28-85, Cl. 430-223.000.
Kobayashi, Tatsuhiko: *See—*
    Ikeuchi, Satoru; Inaba, Yoshihiro; Shimazaki, Hiroshi; and Kobayashi, Tatsuhiko, 4,533,621, Cl. 430-213.000.
    Ohtani, Masaaki; Harada, Takao; Oyaizu, Yoshijiro; and Kobayashi, Tatsuhiko, 4,542,070, Cl. 428-416.000.

- Kobayashi, Tatsuo, to Toyota Jidosha Kabushiki Kaisha. Ignition timing control device of an internal combustion engine. 4,513,717, 4-30-85, Cl. 123-425.000.
- Kobayashi, Tatsuo, to Toyota Jidosha Kabushiki Kaisha. Knocking control system in engine. 4,523,566, 6-18-85, Cl. 123-425.000.
- Kobayashi, Tatuhiro: *See—*
  - Yamane, Masataka; Kusashio, Akira; Kudaka, Satoru; Kobayashi, Tatuhiro; and Ebata, Yasuhiko, 4,505,129, Cl. 62-280.000.
- Kobayashi, Tetsuo: *See—*
  - Hirai, Osamu; Kobayashi, Tetsuo; Kuwatsuka, Shunichiro; and Suzuki, Saburo, 4,550,353, Cl. 360-125.000.
- Kobayashi, Tetsuya: *See—*
  - Nunogaki, Yoshiaki; Kobayashi, Tetsuya; and Kosuge, Yasutaka, 4,550,417, Cl. 377-10.000.
- Kobayashi, Tetuo; and Ohgaki, Katuyoshi, to Nippon Cable System Inc. Guide rail for a window regulator and slide guide mechanism employing the same. 4,502,247, 3-5-85, Cl. 49-352.000.
- Kobayashi, Tetuo; and Hirai, Syoichi, to Nippon Cable System Inc. Window regulator. 4,547,993, 10-22-85, Cl. 49-352.000.
- Kobayashi, Tomowo: *See—*
  - Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.
- Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, to New Japan Chemical Co., Ltd. Compositions for recovering an organic material from an oily layer on a body of water. 4,502,975, 3-5-85, Cl. 252-315.100.
- Kobayashi, Toshiaki; and Tanaka, Masato, to Agency of Industrial Science and Technology. Method for the preparation of α-ketoamide imines. 4,503,232, 3-5-85, Cl. 546-336.000.
- Kobayashi, Toshiaki; and Yoshimura, Masafumi, to New Japan Chemical Co., Ltd. Crystalline polyolefin-type resin compositions. 4,532,280, 7-30-85, Cl. 524-108.000.
- Kobayashi, Toshihiko: *See—*
  - Sugio, Akitoshi; Masu, Masanobu; and Kobayashi, Toshihiko, 4,556,685, Cl. 524-141.000.
- Kobayashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. System for actuating a clutch for a torque converter. 4,529,070, 7-16-85, Cl. 192-3.230.
- Kobayashi, Toshio; and Hishiki, Hideo, to Victor Company of Japan, Ltd. Device for correcting an image on a picture tube having in-line electron guns and a coil assembly for the device. 4,554,488, 11-19-85, Cl. 315-368.000.
- Kobayashi, Toshio: *See—*
  - Kodama, Masayuki; and Kobayashi, Toshio, 4,535,650, Cl. 74-665.0GA.
  - Suzuki, Migaku; Kobayashi, Toshio; Sasaki, Satoshi; and Imai, Shigeo, 4,532,173, Cl. 428-218.000.
  - Takano, Toshio; and Kobayashi, Toshio, 4,552,036, Cl. 74-705.000.
- Kobayashi, Toshiro: *See—*
  - Hayashi, Motoshige; and Kobayashi, Toshiro, 4,548,775, Cl. 264-45.500.
- Kobayashi, Toshirou: *See—*
  - Hayashi, Motoshige; Kobayashi, Toshirou; Yoshii, Motokazu; Tsubone, Masahiro; and Ishikawa, Mikio, 4,536,357, Cl. 264-53.000.
- Kobayashi, Toyoko: *See—*
  - Kitayama, Hiroyuki; and Kobayashi, Toyoko, 4,535,042, Cl. 430-56.000.
- Kobayashi, Tsukasa: *See—*
  - Yamamoto, Tamio; Kobayashi, Tsukasa; Hirakawa, Tadashi; Yoshida, Makoto; and Okumura, Masumi, 4,496,583, Cl. 428-288.000.
- Kobayashi, Waichi; Yoshida, Kozaburo; and Igarashi, Hideaki, to UBE Industries, Ltd. Process and apparatus for producing a high purity magnesia fine powder. 4,545,975, 10-8-85, Cl. 423-636.000.
- Kobayashi, Waichi; and Takahata, Satoru, to UBE Industries, Ltd. Aqueous anodizing solution and process for coloring article of magnesium or magnesium-base alloy. 4,551,211, 11-5-85, Cl. 204-37.600.
- Kobayashi, Yasushi; and Umezawa, Hidetsugu, to Nissan Motor Company, Limited. Weft picking device of air jet type weaving loom. 4,538,649, 9-3-85, Cl. 139-435.000.
- Kobayashi, Yasushi: *See—*
  - Yamawaki, Satoshi; Sugihara, Atsushi; Kobayashi, Yasushi; Ishida, Hiroshi; Kuramasu, Yukio; and Gotoh, Ichisei, 4,556,165, Cl. 228-223.000.
- Kobayashi, Yoji: *See—*
  - Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi, 4,510,974, Cl. 138-137.000.
- Kobayashi, Yoshiaki, to Yamaha Hatsudoki Kabushiki Kaisha. Auxiliary propelling equipment mounting structure for sail boats. 4,543,069, 9-24-85, Cl. 440-112.000.
- Kobayashi, Yoshiji: *See—*
  - Seto, Toshiaki; Yamamoto, Hideo; and Kobayashi, Yoshiji, 4,559,185, Cl. 261-41.00D.
- Kobayashi, Yoshikata, to Tokyo Shibaura Denki Kabushiki Kaisha. Hydraulically-operated breaking device. 4,516,472, 5-14-85, Cl. 91-392.000.
- Kobayashi, Yoshikazu, to Nippon Columbia Kabushiki Kaisha. Recording apparatus. 4,543,617, 9-24-85, Cl. 358-342.000.
- Kobayashi, Yoshikazu: *See—*
  - Takagi, Toshihiko; Kobayashi, Yoshikazu; Suzuki, Yoshiji; and Hara, Tsutomu, 4,519,064, Cl. 369-275.000.
- Kobayashi, Yoshiki; and Fukushima, Tadashi, to Hitachi, Ltd. Apparatus for parallel processing of local image data. 4,550,437, 10-29-85, Cl. 382-41.000.
- Kobayashi, Yoshinobu; Ueno, Tamio; and Kanagawa, Kozi, to Sumitomo Electric Industries, Ltd.; and Mitsui Engineering & Shipbuilding Co., Ltd. Systems for locating mobile objects by inductive radio. 4,491,967, 1-1-85, Cl. 455-41.000.
- Kobayashi, Yoshinori: *See—*
  - Goto, Tomomichi; Iwamoto, Katsuo; Kobayashi, Yoshinori; and Matoba, Isao, 4,517,032, Cl. 148-111.000.
  - Higashi, Toshihiko; Kobayashi, Yoshinori; and Iwasaki, Shinjiro, 4,530,906, Cl. 435-223.000.
- Kobayashi, Yoshiro: *See—*
  - DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,500,460, Cl. 260-397.200.
  - DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,502,991, Cl. 260-397.200.
  - DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,552,698, Cl. 260-397.200.
- Kobayashi, Yoshiyuki: *See—*
  - Aramaki, Minoru; Kobayashi, Yoshiyuki; Nakamura, Tamio; Nakano, Hisaji; and Suenaga, Takashi, 4,543,242, Cl. 423-406.000.
- Kobayashi, Youichi: *See—*
  - Inoue, Makoto; Irie, Hirofumi; Kobayashi, Youichi; and Kubota, Tetuo, 4,540,323, Cl. 413-6.000.
- Kobayashi, Yuji; and Okada, Takao, to Dai Nippon Printing Co., Ltd.; and Ikegami Tsushinki Co., Ltd. Automatic surface inspection system. 4,513,316, 4-23-85, Cl. 358-106.000.
- Kobayashi, Yuji: *See—*
  - Katagi, Takashi; Makino, Shigeru; Tanaka, Hirokazu; and Kobayashi, Yuji, 4,506,270, Cl. 343-914.000.
  - Yamaji, Hiromasa; and Kobayashi, Yuji, 4,494,905, Cl. 414-584.000.
- Kobayashi, Yukiharu: *See—*
  - Miya, Toyofumi; Kobayashi, Yukiharu; and Yano, Masao, 4,515,943, Cl. 536-27.000.
- Kobayashi, Yukio; Kira, Masaaki; and Yamaguchi, Kinya, to Showa Denko Kabushiki Kaisha. Battery having acetylene high polymer electrode. 4,496,640, 1-29-85, Cl. 429-213.000.
- Kobayashi, Yukio; Yamaguchi, Kinya; and Kira, Masaaki, to Showa Denko Kabushiki Kaisha; and Hitachi, Ltd. Reinforced high polymers, process for preparing same and battery having same. 4,560,633, 12-24-85, Cl. 429-213.000.
- Kobayashi, Yukio: *See—*
  - Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,537,843, Cl. 429-197.000.
  - Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,544,615, Cl. 429-194.000.
  - Sugitani, Yuji; and Kobayashi, Yukio, 4,517,438, Cl. 219-125.120.
- Kobayashi, Yuko, to Olympus Optical Co., Ltd. Wide-field eyepiece. 4,497,546, 2-5-85, Cl. 350-410.000.
- Kobayashi, Yuko: *See—*
  - Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, 4,533,220, Cl. 350-507.000.
- Kobayasi, Yoshizi: *See—*
  - Sakai, Tetsushi; Kobayasi, Yoshizi; Yamauchi, Hironori; and Arita, Yoshinobu, 4,531,282, Cl. 29-578.000.
- Kobe Steel, Limited: *See—*
  - Kawahara, Masakatsu; and Takeda, Masaru, 4,509,404, Cl. 91-388.000.
  - Morimoto, Kotaro; and Suzuki, Tomio, 4,515,553, Cl. 431-8.000.
  - Suzuki, Tomio; and Morimoto, Kotaro, 4,498,861, Cl. 431-12.000.
  - Tanaka, Kazuo; Motonaga, Kenjiro; and Tanaka, Kozo, 4,518,123, Cl. 241-18.000.
- Kobel, Alfons; Damm, Norbert; and Geiger, Werner, to BMD Badische Maschinenfabrik Durlach GmbH. Method for compacting foundry mold making materials. 4,529,026, 7-16-85, Cl. 164-37.000.
- Kobel, Alfons; and Damm, Norbert, to BMD Badische Maschinenfabrik Durlach GmbH. Process and apparatus for compacting mold material. 4,538,664, 9-3-85, Cl. 164-37.000.
- Kobel, Hans; Sanglier, Jean-Jacques; Tscherter, Hans; and Bolliger, Georg, to Sandoz Ltd. 9'Thia-ergots. 4,542,135, 9-17-85, Cl. 514-250.000.
- Kobelt, Jacob. Single lever control assembly to permit disengagement between two functions. 4,512,451, 4-23-85, Cl. 192-0.096.
- Kobelt, Jacob. Double-acting, fluid actuated positioning actuator. 4,522,111, 6-11-85, Cl. 92-48.000.
- Kober AG: *See—*
  - Huber, Reinhold; and Koster, Waldemar, 4,516,284, Cl. 14-16.500.
  - Huber, Reinhold; and Koster, Waldemar, 4,537,003, Cl. 52-573.000.
- Kober, Alfred E.; and Macey, Christopher J. Method of reducing high temperature slagging in furnaces and conditioner for use therein. 4,498,402, 2-12-85, Cl. 110-345.000.
- Kober, Alfred E.; and Gilewicz, Stanley E. Method of minimizing slagging in the burning of black liquid. 4,514,256, 4-30-85, Cl. 162-30.110.
- Kober, Kurt; Wohrle, Rudolf; and Kohler, Robert, to Alois Kober AG. Tractor-trailer combination with a coupling connection. 4,502,561, 3-5-85, Cl. 280-446.00B.
- Kober, Leo: *See—*
  - Forster, Alfred; Geyer, Willi; and Kober, Leo, 4,518,196, Cl. 296-204.000.
- Kober, Rainer: *See—*
  - Billet, Reinhard; Kober, Rainer; Mackowiak, Jerzy; and Geipel, Werner, 4,522,767, Cl. 261-94.000.

- Billet, Reinhard; Kober, Rainer; Mackowiak, Jerzy; and Geipel, Werner, 4,537,731, Cl. 261-94.000.

Kober, Roland: *See—*
- Fuchs, Wilfried; Richter, Horst; Kober, Roland; Kaufmann, Vendelin; and Muller, Christina, 4,519,997, Cl. 423-265.000.
- Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Muller, Christina; Kober, Roland; and Renker, Wolfgang, 4,532,068, Cl. 252-188.280.
- Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Renker, Wolfgang; and Kober, Roland, 4,540,494, Cl. 210-750.000.

Koberle, Karl. Flow measuring system including a venturi. 4,522,077, 6-11-85, Cl. 73-861.630.

Koberlein, Ross D., to Bettendorf Stanford Inc. Bread loaf processing. 4,512,137, 4-23-85, Cl. 53-435.000.

Koberstein, Edgar: *See—*
- Domesle, Rainer; Koberstein, Edgar; Pletka, Hans-Dieter; and Voelker, Herbert, 4,515,758, Cl. 423-213.200.

Kobets, Nikolai S.: *See—*
- Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Kobiella, Robert J., to Signode Corporation. Anvil, gripper, and cutter assembly in a strapping machine. 4,512,844, 4-23-85, Cl. 156-510.000.

Kobiella, Robert J., to Signode Corporation. Article strapping method and apparatus, chain assembly for such apparatus and for other apparatus, and method for making such chain assembly. 4,533,343, 8-6-85, Cl. 474-207.000.

Kobishi Electric Co., Ltd.: *See—*
- Ogino, Satoru, 4,550,970, Cl. 339-97.00P.

Kobiske, Michael; Voigt, William; and Sharma, Kris, to Maremont Corporation. Interchangeable strut body. 4,531,618, 7-30-85, Cl. 188-321.110.

Kobiske, Michael H.: *See—*
- Adorjan, Jon M.; Kobiske, Michael H.; and Astorino, Michael P., 4,521,002, Cl. 267-8.00R.

Koblasz, Arthur; Hollister, James, and Alexander, Douglas, to Coca-Cola Company, The. Ultrasound level detector. 4,559,979, 12-24-85, Cl. 141-9.000.

Koble, Robert L., Jr.: *See—*
- Johnson, Edward J.; and Koble, Robert L., Jr., 4,522,558, Cl. 416-187.000.

Kobler, Armin: *See—*
- Kuhnis, Ernst; Kobler, Armin; Schreiber, Max; and Wallimann, Hans, 4,535,709, Cl. 112-83.000.

Kobler, Ingo, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Apparatus for joining a plurality of super-imposed webs received from a rotary printing machine. 4,512,845 4-23-85, Cl. 156-548.000.

Kobler, Ingo, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Rotary printing machine output speed matching system for sheet folder. 4,516,759, 5-14-85, Cl. 270-12.000.

Kobler, Ingo; and Petersen, Godber, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Sheet, or sheet package transport and rotation apparatus, and method. 4,530,694, 7-23-85, Cl. 493-425.000.

Kobler, Ingo, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Printing plate attachment arrangement. 4,557,196, 12-10-85, Cl. 101-415.100.

Kobler, Ingo: *See—*
- Burger, Rainer; Bittl, Gerhard; and Kobler, Ingo, 4,522,124, Cl. 101-350.000.

Koblitz, Francis F.; and Smith, Roy L., to Dentsply Research & Development Corp. Process for restoring teeth with visible light curable compositions. 4,491,453, 1-1-85, Cl. 433-217.000.

Koblitz, Francis F.; and Reichart, Jane L., to Dentsply Research & Development Corp. Process for filling teeth. 4,504,231, 3-12-85, Cl. 433-228.000.

Koblitz, Francis F.; and Smith, Roy L., to Dentsply Research & Development Corp. Visible light curable dental compositions. 4,553,940, 11-19-85, Cl. 523-115.000.

Kobori, Kazuo: *See—*
- Iizuka, Yoshinori; and Kobori, Kazuo, 4,528,927, Cl. 114-125.000.

Kobori, Michio: *See—*
- Ishii, Katsuyoshi; Kobori, Michio; and Morimoto, Seiichi, 4,554,255, Cl. 436-102.000.

Kobori, Shigeyuki: *See—*
- Shimada, Satoshi; Murayama, Ken; Kobori, Shigeyuki; and Kawakami, Kanji, 4,511,878, Cl. 338-4.000.
- Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; Kobori, Shigeyuki; and Nishihara, Motohisa, 4,527,428, Cl. 73-721.000.
- Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, 4,550,612, Cl. 73-727.000.

Kobori, Takeo: *See—*
- Sakai, Kunikazu; Tunemoto, Daiei; Kobori, Takeo; and Kondo, Kiyosi, 4,540,794, Cl. 548-127.000.

Kobori, Toshio; Taniguchi, Nobuyuki; Omaki, Takanobu; and Nakai, Masaaki, to Minolta Camera Kabushiki Kaisha. Operation mode display device for picture taking devices. 4,529,290, 7-16-85, Cl. 354-442.000.

Kobori, Toshio: *See—*
- Nakai, Masaaki; Kogure, Yasuzi; Sahara, Masayoshi; and Kobori, Toshio, 4,504,133, Cl. 354-266.000.

Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, to Hitachi, Ltd. Speed and phase control system. 4,543,516, 9-24-85, Cl. 318-318.000.

Kobori, Yasunori: *See—*
- Fukushima, Isao; Kobori, Yasunori; Nishijima, Hideo; and Masuda, Yoshinori, 4,518,901, Cl. 318-328.000.
- Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, 4,521,750, Cl. 333-28.00R.
- Nishijima, Hideo; Sera, Katsumi; Fukushima, Isao; and Kobori, Yasunori, 4,494,056, Cl. 318-269.000.
- Nishijima, Hideo; Fukushima, Isao; Teshima, Tsunehiko; Kobori, Yasunori; and Ito, Takayasu, 4,503,369, Cl. 318-254.000.

Kobos, Duane M.: *See—*
- Phillips, James W.; and Kobos, Duane M., 4,559,834, Cl. 73-861.550.

Koboshi, Shigeharu; Ishikawa, Masao; Kobayashi, Kazuhiro; Kimura, Toshihiko; and Higuchi, Moeko, to Konishiroku Photo Industry Co., Ltd. Bleach-fixing solution and processing of light-sensitive color photographic material by use thereof. 4,518,680, 5-21-85, Cl. 430-393.000.

Koboshi, Shigeharu: *See—*
- Iijima, Toshifumi; Koboshi, Shigeharu; and Yamazaki, Hiroshi, 4,491,627, Cl. 430-138.000.
- Kurematsu, Masayuki; and Koboshi, Shigeharu, 4,537,856, Cl. 430-372.000.
- Kurematsu, Masayuki; and Koboshi, Shigeharu, 4,562,144, Cl. 430-372.000.

Kobrehel, Gabrijela; and Djokic, Slobodan, to Sour Pliva farmaceutska, kemijska prehrambena i kozmeticka industrija, n.sol.o. 11-Methyl-11-aza-4-0-cladinosyl-6-0-desosaminyl-15-ethyl-7,13,14-trihydroxy-3,5,7,9,12,14-hexamethyl-oxacyclopentadecane-2-one and derivatives thereof. 4,517,359, 5-14-85, Cl. 536-7.400.

Kobs, Rolf U. D.: *See—*
- Liehr, Manfred R.; Nolting, Wolfgang; Kobs, Rolf U. D.; and Orlowski, Reiner U., 4,552,301, Cl. 228-263.120.
- Orlowski, Reiner U.; Kobs, Rolf U. D.; and Liehr, Manfred R., 4,531,415, Cl. 73-718.000.

Kobsa, Henry; and Windley, William T., to Du Pont de Nemours, E. I., and Company. Process for improving the dyeability of nylon carpet fiber. 4,559,196, 12-17-85, Cl. 264-168.000.

Kobuck, Richard M.; Miller, Richard A.; Kalkbrenner, Ralph W.; Kerrey, John S.; and Duncan, Robert, to Westinghouse Electric Corp. Welding plates for a fuel rod grid. 4,492,844, 1-8-85, Cl. 219-121.0LC.

Kobuck, Richard M.; and Jacobs, Arthur F., to Westinghouse Electric Corp. Sleeve-to-tube welder. 4,510,372, 4-9-85, Cl. 219-125.110.

Kobuck, Richard M.; and Kalkbrenner, Ralph W., to Westinghouse Electric Corp. Grid assembly fixture, retention strap. 4,519,593, 5-28-85, Cl. 269-40.000.

Kobuck, Richard M.: *See—*
- Antol, Ronald F.; Kalkbrenner, Ralph W.; and Kobuck, Richard M., 4,518,843, Cl. 219-121.0LC.
- Antol, Ronald F.; Kalkbrenner, Ralph W.; and Kobuck, Richard M., 4,539,738, Cl. 29-467.000.
- Kalkbrenner, Ralph W.; and Kobuck, Richard M., 4,538,956, Cl. 414-735.000.
- Norris, George W.; Kobuck, Richard M.; Varley, William J.; Jacobs, Arthur F.; and Ferree, Herbert E., 4,502,347, Cl. 74-447.000.
- Wilhelm, John J.; Kapoor, Anoop; Kobuck, Richard M.; Antol, Ronald F.; and Norris, George W., 4,537,711, Cl. 252-633.000.

Kobuke, Takayoshi: *See—*
- Saito, Seitoku; Izumi, Toshiaki; Kobuke, Takayoshi; and Sugihara, Hiroshi, 4,520,076, Cl. 428-611.000.

Kobuki, Shinzo; Kubota, Hazime; and Miyamaru, Tsuneo, to Toyota Jidosha Kabushiki Kaisha. Device for mounting an engine on a vehicle body. 4,494,723, 1-22-85, Cl. 248-635.000.

Kobune, Masafumi: *See—*
- Tanaka, Minoru; Kawabe, Tadashi; and Kobune, Masafumi, 4,504,453, Cl. 423-345.000.

Koburger, Charles W., III: *See—*
- Abernathey, John R.; and Koburger, Charles W., III, 4,556,585, Cl. 427-85.000.
- Kinney, Wayne I.; Koburger, Charles W., III; Lasky, Jerome B.; Nesbit, Larry A.; Troutman, Ronald R.; and White, Francis R., 4,558,508, Cl. 29-571.000.

Kobylinski, T. P.: *See—*
- Beuther, Harold; Kibby, Charles L.; Kobylinski, T. P.; and Pannell, Richard B., 4,493,905, Cl. 502-325.000.

Kobylinski, Thaddeus P.: *See—*
- Beuther, Harold; Kobylinski, Thaddeus P.; Lee, Win-Chung; and Schmid, Bruce K., 4,541,916, Cl. 208-8.0LE.
- Kibby, Charles L.; and Kobylinski, Thaddeus P., 4,492,774, Cl. 518-713.000.
- Kibby, Charles L.; and Kobylinski, Thaddeus P., 4,497,903, Cl. 502-85.000.

Kobzar, Vladimir E. Teeming ladle. 4,498,661, 2-12-85, Cl. 266-239.000.

Koch Adler AG: *See—*
- Landwehr, Gunter; and Meyer, Horst, 4,498,407, Cl. 112-308.000.

Koch, Alan A.: *See—*
- Kenney, Malachi P.; Young, Kenneth P.; and Koch, Alan A., 4,557,605, Cl. 366-134.000.

Koch, Albin G., to Heierling of Switzerland, Ltd. Ski boot with inner boot tightening mechanism. 4,513,520, 4-30-85, Cl. 36-119.000.

Koch, Dan A.: *See—*

Fleming, Ted D.; Koch, Dan A.; McGill, Francis R.; Powers, Ray P.; and Michaelsen, Roy H., 4,526,318, Cl. 236-49.000.

Koch, Dieter; and Gianotti, Tonio, to Bruker Analytische Messtechnik GmbH. Multiple piston pump with a constant discharge capacity. 4,492,524, 1-8-85, Cl. 417-18.000.

Koch, Diether: *See—*

Gruber, Bruce A.; Koch, Diether; Langer, Heimo J.; and Dunnavant, William R., 4,529,771, Cl. 524-542.000.

Koch, Dietmar, to Kraftwerk Union Aktiengesellschaft. Biaxial electrical compact drive, in particular a positioning drive. 4,504,753, 3-12-85, Cl. 310-75.00R.

Koch-Ducker, Jurgen: *See—*

Fries, Herbert; Gerstenmaier, Jurgen; Kircher, Stefan; and Koch-Ducker, Jurgen, 4,493,210, Cl. 73-121.000.

Koch, Earl E., to Sperry Corporation. Pivot tongue harvester with lateral transport. 4,558,560, 12-17-85, Cl. 56-228.000.

Koch, Eckhard; Vogg, Gunter; and Soller, Jochen, to Vereinigte Flugtechnische Werke GmbH. Latching cargo in aircraft. 4,557,648, 12-10-85, Cl. 410-78.000.

Koch Engineering Co., Inc.: *See—*

Klimpl, Fred E., 4,526,208, Cl. 138-144.000.

Koch, Ferdinand: *See—*

Scharf, Rolf; Koch, Ferdinand; and Schlussler, Hans-Joachim, 4,560,493, Cl. 252-174.160.

Koch, Franz P., to Hauni-Werke Korber & Co. KG. Apparatus for testing cigarettes or the like. 4,538,450, 9-3-85, Cl. 73-38.000.

Koch, Friedrich-Otto; and Wahl, Hans-Jurgen, to Hoesch Werke Aktiengesellschaft. Test system for defect determination in welding seams. 4,531,409, 7-30-85, Cl. 73-588.000.

Koch, Friedrich-Otto: *See—*

Kliesch, Wilfried; Koch, Friedrich-Otto; Wahl, Hans-Jurgen; Krebs, Rolf; Schorr, Peter; and Strauch, Heinz, deceased, 4,535,215, Cl. 219-61.500.

Koch, Gerhard, to Hafele KG. Connecting device for detachably maintaining flat structures perpendicular to each other. 4,518,278, 5-21-85, Cl. 403-230.000.

Koch, Gerhard, to Hafele KG. Connector for detachable connection of components of furniture or the like at right angles to each other. 4,545,698, 10-8-85, Cl. 403-231.000.

Koch, Hannsjorg: *See—*

Metschl, Michael; and Koch, Hannsjorg, 4,544,384, Cl. 55-180.000.

Koch, Jakob: *See—*

Frei, Siegfried; and Koch, Jakob, 4,512,490, Cl. 220-72.000.

Koch, Johannes: *See—*

Rupp, Werner; and Koch, Johannes, 4,492,154, Cl. 100-53.000.

Koch, John W., to Orbital Engine Company Proprietary Limited. Lubrication of an ancillary pump fitted to an engine. 4,527,520, 7-9-85, Cl. 123-196.00R.

Koch, Karl H.: *See—*

Stolzenberg, Konrad; Koch, Karl H.; and Marrett, Rolf, 4,552,575, Cl. 62-544.000.

Koch, Keith C., to Metromail, Inc. Package forming web folder. 4,494,362, 1-22-85, Cl. 53-550.000.

Koch, Klaus; and Syrbius, Gerhard, to Hermann Berstorff Maschinenbau GmbH. Press installation. 4,503,764, 3-12-85, Cl. 100-117.000.

Koch, Klaus; Schaeffer, Hans-Joachim; and Syrbius, Gerhard, to Hermann Berstorff Maschinenbau GmbH. Worm press for mechanically separating liquid/solid mixtures. 4,509,419, 4-9-85, Cl. 100-117.000.

Koch, Klaus; Klaus, Rainer; Syrbius, Gerhard; and Schaeffer, Hans-Joachim, to Hermann Berstorff Maschinenbau GmbH. Extrusion devices. 4,530,761, 7-23-85, Cl. 210-407.000.

Koch, Klaus: *See—*

Maurer, Albrecht; Butz, Alois; and Koch, Klaus, 4,546,685, Cl. 83-707.000.

Koch, Kurt: *See—*

Grunberg, Kurt; Poth, Rainer; Werner, Peter; Koch, Kurt; Schweppe, Friedrich; and Voigtlander, Kurt, 4,523,253, Cl. 361-335.000.

Koch, Lehel: *See—*

Szendrei, Kalman; Minker, Emil; Rozsa, Zsuzsanna; Koch, Lehel; and Wolf, Lajos, 4,511,559, Cl. 514-54.000.

Koch, Manfred; and Maier, Thomas, to Hoechst Aktiengesellschaft. Process for reducing the proportions of by products in the preparation of carbendazim. 4,550,174, 10-29-85, Cl. 548-306.000.

Koch, Manfred; and Herbrechtsmeier, Peter, to Hoechst Aktiengesellschaft. Process for the preparation of (phenoxy- or benzyl-)-phenoxypropionic acids and their alkali metal salts. 4,552,977, 11-12-85, Cl. 562-435.000.

Koch, Mark B. Adjustable arm member for use with a lamp or the like. 4,545,555, 10-8-85, Cl. 248-280.100.

Koch, Melvin V.; and Magni, Ambrogio, to Gruppo Lepetit S.p.A. Process for the production of serine derivatives. 4,501,919, 2-26-85, Cl. 562-437.000.

Koch, Michael: *See—*

Hahn, Ulrich; Straube, Peter; and Koch, Michael, 4,509,425, Cl. 101-216.000.

Koch, Otto; Reuter, Herbert; and Seiter, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Granular, free-flowing detergent component and method for its production. 4,552,681, 11-12-85, Cl. 252-140.000.

Koch, Richard C. Media storage device. 4,557,533, 12-10-85, Cl. 312-12.000.

Koch, Robert, to Hubner Gummi-Und Kunstsoff GmbH. Bellows for articulated vehicles. 4,538,523, 9-3-85, Cl. 105-20.000.

Koch, Robert W., to Amchem Products, Inc. Cold paint stripping composition. 4,518,518, 5-21-85, Cl. 252-142.000.

Koch, Roland: *See—*

Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knabe, Andreas; Koch, Roland; Urbach, Bernd; and Weisselberg, Arnold, 4,500,764, Cl. 219-59.100.

Koch, Rolf H. L.: *See—*

Whiting, James F.; and Koch, Rolf H. L., 4,509,368, Cl. 73-624.000.

Koch, Ronald J.: *See—*

Barbetta, Angelo J.; Gruber, Robert J.; Isganitis, Louis V.; Law, Kock-Yee; Lin, John W.; Koch, Ronald J.; and Dunn, Steven T., 4,539,284, Cl. 430-110.000.

Gruber, Robert J.; Koch, Ronald J.; Knapp, John F.; and Bolte, Steven B., 4,556,624, Cl. 430-110.000.

Koch, Rudolf: *See—*

Herbst, Heiner; and Koch, Rudolf, 4,547,806, Cl. 358-212.000.

Koch, Tad H.; and Swanson, Barry J., to University Patents, Inc. Photochemical rearrangement of 2-aminopyrrolin-5-ones to aminocyclopropyl isocyanates and polymers thereof. 4,505,792, 3-19-85, Cl. 204-159.110.

Koch, Ulrich H.: *See—*

Williams, Peter C.; Koch, Ulrich H.; Yusko, Edward M., Jr.; and Mannion, Thomas M., 4,538,790, Cl. 251-214.000.

Williams, Peter C.; Koch, Ulrich H.; Yusko, Edward M., Jr.; and Mannion, Thomas M., 4,558,874, Cl. 277-112.000.

Koch, Werner: *See—*

Brenneisen, Kurt; and Koch, Werner, 4,502,866, Cl. 8-549.000.

Koch, William R., to Air Products and Chemicals, Inc. Control system for air fractionation by selective adsorption. 4,539,019, 9-3-85, Cl. 55-21.000.

Koch, Wolfgang: *See—*

Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; and Heitz, Walter, 4,525,579, Cl. 528-388.000.

Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; Bottenbruch, Ludwig; and Heitz, Walter, 4,537,951, Cl. 528-388.000.

Schwirtlich, Ingo; Woditsch, Peter; and Koch, Wolfgang, 4,561,930, Cl. 156-616.00R.

Kochan, Branislav R. Physical exerciser. 4,556,217, 12-3-85, Cl. 272-141.000.

Kochan, David A.: *See—*

Dudacek, Wayne E.; Kochan, David A.; and Zobel, Henry F., 4,491,483, Cl. 127-33.000.

Kochanek, George E.: *See—*

Barr, Rodney E.; and Kochanek, George E., 4,507,973, Cl. 73-724.000.

Browne, Vance D.; and Kochanek, George E., 4,523,474, Cl. 73-724.000.

Kochanowski, Hans-Alfred, to Motorenfabrik Hatz GmbH & Co. KG. Liquid-cooled power aggregate or engine having an arrangement for suppressing vibration. 4,494,492, 1-22-85, Cl. 123-41.840.

Kochendorfer, Heinrich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, to Robert Bosch GmbH. Control arrangement for hydraulic motor. 4,542,678, 9-24-85, Cl. 91-6.000.

Kochendorfer, Heinrich: *See—*

Backe, Egbert; Muller, Rolf; Otto, Dieter; Leonardi, Cornelio; Kochendorfer, Heinrich; Fussner, Paul; Walker, Ewald; and Rommel, Rudi, 4,499,757, Cl. 73-119.00A.

Kocher, Erich J.; and Kopp, John K., to Vilter Manufacturing Corporation. Means to measure, indicate and regulate thickness of ice layer in refrigeration system. 4,497,181, 2-5-85, Cl. 62-139.000.

Kocher, Erich J.; Szymaszek, Paul G.; and Nikolaus, John G., to Vilter Manufacturing Corporation. Rotary gas compressor having rolling pistons. 4,507,064, 3-26-85, Cl. 418-15.000.

Kocher, Erich J., to Vilter Manufacturing Corporation. Sealing means for valve spindle. 4,512,550, 4-23-85, Cl. 251-214.000.

Kocher, Erich J., to Vilter Manufacturing Corporation. Apparatus for separating liquid droplets from gas. 4,516,994, 5-14-85, Cl. 55-337.000.

Kocher, Erich J.; and Kopp, John K., to Vilter Manufacturing Corporation. Ice-thickness sensing device in refrigeration system. 4,551,982, 11-12-85, Cl. 62-130.000.

Kocher, Hans R.: *See—*

Lammer, Johann; Kocher, Hans R.; and Hintermann, Hans-Erich, 4,522,453, Cl. 308-3.00R.

Kocher, Haribhajan S., to Eastman Kodak Company. Fuser apparatus having a uniform heat distribution. 4,512,650, 4-23-85, Cl. 355-3.0FU.

Kocher, Haribhajan S.: *See—*

Field, John R.; Kocher, Haribhajan S.; and Martellock, Arthur C., 4,515,884, Cl. 430-99.000.

Kocher, Mark J.: *See—*

Kaufman, George A., III; and Kocher, Mark J., 4,514,677, Cl. 318-759.000.

Kocher, Robert C.: *See—*

French, Kenneth; Kocher, Robert C.; Piorkow, Alfred; Shaner, Kenneth; and Smith, J. Thomas, 4,533,251, Cl. 356-384.000.

Kocherga, Stepan I.: *See—*

Rusakova, Svetlana V.; Glyzin, Vladimir I.; Kocherga, Stepan I.; Ananieva, Alla A.; and Libizova, Larisa F., 4,518,592, Cl. 424-195.100.

Kocherga, Vladimir K.: *See—*

Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A., 4,526,758, Cl. 422-122.000.

Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.;

Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.

Kochert, Wilfried, to Computer Gesellschaft Konstanz mbH. Circuit arrangement for machine character recognition. 4,551,851, 11-5-85, Cl. 382-38.000.

Kochetkov, Viktor N.: *See—*

Lykov, Mikhail V.; Lembrikov, Vladimir M.; Golovkina, Svetlana I.; Malakhova, Nadezhda N.; Sterlin, Vladimir N.; Kochetkov, Viktor N.; and Markovin, Gennady M., 4,505,733, Cl. 71-34.000.

Kochevar, Rudolph J. Method of weighting an article. 4,496,153, 1-29-85, Cl. 273-80.800.

Kochevar, Rudolph J. Golf club head and method of weighting same. 4,502,687, 3-5-85, Cl. 273-171.000.

Kochi, Hiromu: *See—*

Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,493,833, Cl. 424-246.000.

Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,544,653, Cl. 514-202.000.

Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.

Kochi, Ikuyoshi: *See—*

Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.

Kochi, Susumu: *See—*

Arai, Sakuji; Sato, Katsuaki; Kochi, Susumu; and Hishida, Hiroaki, 4,559,776, Cl. 60-280.000.

Kochis, Robert. Dental burr and method of preparing a tooth. 4,526,542, 7-2-85, Cl. 433-165.000.

Kochiyama, Shigekichi: *See—*

Tanaka, Toshio; Miyanaka, Motoshi; and Kochiyama, Shigekichi, 4,494,924, Cl. 431-78.000.

Kochka, Edgar L.; Tobin, Joseph M., deceased; and Neve, Arlene F., administratrix, to Westinghouse Electric Corp. Permanent deactivation of nuclear reactor. 4,495,140, 1-22-85, Cl. 376-207.000.

Kochloefl, Karel: *See—*

Schneider, Michael; Kochloefl, Karel; and Ladebeck, Jurgen, 4,535,071, Cl. 502-342.000.

Kochnev, Anatoly M.: *See—*

Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., 4,556,398, Cl. 464-16.000.

Kochs Adler AG: *See—*

Fischer, Jochen; and Scholl, Hans, 4,494,470, Cl. 112-121.120.

Fischer, Jochen, 4,541,348, Cl. 112-121.120.

Goldbecker, Wilfried, 4,502,398, Cl. 112-121.120.

Landwehr, Gunter, 4,512,272, Cl. 112-311.000.

Landwehr, Gunter, 4,553,489, Cl. 112-121.120.

Meyer, Horst; and Landwehr, Gunter, 4,513,675, Cl. 112-236.000.

Scholl, Hans, 4,503,789, Cl. 112-121.140.

Scholl, Hans, 4,513,677, Cl. 112-262.300.

Kochte, Werner W.; and Nimon, Susan K., to Scott & Fetzer Company, The. Vacuum driven tool. 4,554,702, 11-26-85, Cl. 15-372.000.

Kochy, Fritz B.; and Bayer, Hermann, to General Motors Corporation. Defroster system for use in motor vehicles. 4,549,471, 10-29-85, Cl. 98-2.090.

Koci, Zdenek, to Ciba-Geigy Corporation. Vat dye and sulfur dye compositions. 4,519,805, 5-28-85, Cl. 8-650.000.

Koci, Zdenek: *See—*

Lauton, Alain; and Koci, Zdenek, 4,514,186, Cl. 8-527.000.

Kocide Chemical Corporation: *See—*

Freedenthal, Carol B.; Meyers, Marion D.; and Stoner, Graham A., 4,505,734, Cl. 71-67.000.

Kock, Ronald W.; and Esposito, John A., to Procter & Gamble Company, The. Method for uniformly distributing discrete particles on a moving porous web. 4,551,191, 11-5-85, Cl. 156-276.000.

Kock, Wulf; Schmidberger, Rainer; and Wagner, Wolfgang, to Dornier System GmbH. Powder comprising coated tungsten grains. 4,498,395, 2-12-85, Cl. 102-517.000.

Kockler, Barry C.; Dobson, John E.; and Noonan, Daniel T., to Mead Corporation, The. Apparatus and method for preparing multipage, taped, side-stitched documents. 4,552,497, 11-12-85, Cl. 412-6.000.

Kocks Technik GmbH & Co.: *See—*

Brauer, Hans; and Gerhards, Hans-Dieter, 4,512,173, Cl. 72-98.000.

Brauer, Hans; and Leeuwestein, Kurt, 4,546,633, Cl. 72-252.000.

Faste, Heinrich; and Bindernagel, Ali, 4,523,622, Cl. 164-66.100.

Gunther, Karl-Heinz, 4,503,695, Cl. 72-133.000.

Staat, Karl-Hans; and Moltner, Hermann, 4,501,134, Cl. 72-8.000.

Zacharias, Theodor, 4,523,455, Cl. 73-49.500.

Kocks Technuk GmbH & Co.: *See—*

Funke, Gunther; and Eick, Hans-Joachim, 4,559,799, Cl. 72-224.000.

Kockumation AB, Remadivisionen: *See—*

Bjorkelund, Mats, 4,555,633, Cl. 250-560.000.

Kockums Cancar, Corp.: *See—*

Gaitten, Walden M., deceased, 4,506,713, Cl. 144-208.00E.

Gaitten, Walden M., deceased, 4,509,574, Cl. 144-208.00E.

Gaitten, Walden M., deceased, 4,516,613, Cl. 144-208.00E.

KOCKUMS Industri AB: *See—*

Biller, Sven-Olov, 4,510,981, Cl. 144-246.00F.

Eklund, Urban, 4,548,247, Cl. 144-357.000.

Hedlund, Bo P. S.; and Arnoldsson, Erik, 4,505,396, Cl. 212-223.000.

Hedlund, Bo P. S.; and Arnoldsson, Erik, 4,506,792, Cl. 212-223.000.

Kocol, James C.: *See—*

Gunderson, Robert O.; Kocol, James C.; and Schuck, David B., 4,494,185, Cl. 364-200.000.

Kocsis, Maria: *See—*

Gorog, Katalin; Dudar, Erzebet; Gardi, Ivan; Kocsis, Maria; Gaal, Sandor; and Tasnadi, Marta, 4,511,714, Cl. 548-215.000.

Kocur, Joseph S.: *See—*

Horais, Brian J.; and Kocur, Joseph S., 4,552,071, Cl. 102-527.000.

Koczka, Istvan: *See—*

Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.

Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, to Taiho Pharmaceutical Company Limited. Sulfonium compounds, processes for preparing the compounds and pharmacological composiitons containing the same. 4,556,737, 12-3-85, Cl. 564-218.000.

Koda, N. John, to United States of America, National Aeronautics and Space Administration. Liquid crystal light valve structures. 4,522,469, 6-11-85, Cl. 350-342.000.

Koda, Seido, to Osaka Kiko Kabushiki Kaisha. Method of checking pallets or articles to be worked by automatically measuring average diameter of hole and apparatus for practicing same. 4,559,710, 12-24-85, Cl. 33-178.00E.

Kodachi, Hideo: *See—*

Okubo, Takeshi; Kodachi, Hideo; and Miyanaka, Masaki, 4,550,488, Cl. 29-568.000.

Kodaira, Makoto, to Uro Denshi Kogyo Kabushiki Kaisha. Ultrasonic alarm device. 4,541,080, 9-10-85, Cl. 367-94.000.

Kodaira, Masanori: *See—*

Ito, Kanichi; Hirayama, Yoshio; Takeuchi, Ryoichi; Kodaira, Masanori; and Iizuka, Gorou, 4,495,290, Cl. 435-315.000.

Kodaira, Takanori, to Canon Kabushiki Kaisha. Focal length changeable camera. 4,536,068, 8-20-85, Cl. 354-195.120.

Kodaira, Takanori: *See—*

Hirohata, Michio; and Kodaira, Takanori, 4,505,567, Cl. 354-403.000.

Kodali, Satyanarayana; Singh, Bhim S.; Whittlesey, Curtis C.; and Henriksen, Gary L., to Energy Development Associates, Inc. Electrolyte circulation subsystem. 4,518,663, 5-21-85, Cl. 429-18.000.

Kodama, Eiji: *See—*

Sakamoto, Takashi; Sano, Tetsuo; Kodama, Eiji; and Choh, Masamichi, 4,561,061, Cl. 364-550.000.

Kodama, Hideyo; Kondo, Yasuo; and Akahori, Kimihiko, to Hitachi, Ltd. Method and apparatus for manufacturing composite steel ingot. 4,544,019, 10-1-85, Cl. 164-496.000.

Kodama, Hiroaki; Kubo, Tetsuo; and Miwa, Sinkichi, to Sumitomo Electric Industries, Ltd. Method for inspecting crimp bonded terminals. 4,555,799, 11-26-85, Cl. 382-8.000.

Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, to Olympus Optical Co., Ltd. System for focusing an optical head onto a flat surface. 4,495,407, 1-22-85, Cl. 250-201.000.

Kodama, Hiroshi: *See—*

Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, 4,499,514, Cl. 360-97.000.

Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, 4,505,585, Cl. 356-237.000.

Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, 4,499,572, Cl. 369-111.000.

Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, 4,520,280, Cl. 307-358.000.

Kodama, Hisashi; Hamamoto, Tooru; Tamura, Tetsuomi; Sato, Katsujiro; and Yamada, Kazuharu, to Aisin Seiki Kabushiki Kaisha. Self-contained hydraulic lash adjuster. 4,535,734, 8-20-85, Cl. 123-90.580.

Kodama, Hisashi, to Aisin Seiki Kabushiki Kaisha. Hydraulic lifter for internal combustion engine. 4,541,374, 9-17-85, Cl. 123-90.590.

Kodama, Hisashi, to Aisin Seiki Kabushiki Kaisha. Hydraulic valve lifter for variable displacement engine. 4,546,734, 10-15-85, Cl. 123-90.160.

Kodama, Hisashi: *See—*

Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, 4,509,467, Cl. 123-90.160.

Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, 4,523,551, Cl. 123-90.460.

Suzuki, Jiro; Shimoda, Hisanori; and Kodama, Hisashi, 4,531,677, Cl. 239-520.000.

Kodama, Hitoshi: *See—*

Yoshizawa, Kenji; Kodama, Hitoshi; Minowa, Yoshibumi; Komura, Hirotsugu; and Ito, Hiroshi, 4,498,029, Cl. 315-39.000.

Kodama, Ikuo; Muramatsu, Shigeru; Terasaki, Kazunori; and Morita, Takayuki, to Seisakusho Kabushiki Kaisha Toyoda Jidoshokki. Apparatus for locating a traveling-type servicing device in a multistation textile machine. 4,498,283, 2-12-85, Cl. 57-261.000.

Kodama, Ikuo; Inoue, Masaharu; Shiraki, Masao; and Suzuki, Hajime, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for preparing weft supply to be picked upon starting the operation of a weaving loom, and an apparatus for effecting the same. 4,538,650, 9-3-85, Cl. 139-452.000.

- Kodama, Ikuo: *See—*
  - Araki, Hidejiro; and Kodama, Ikuo, 4,559,976, Cl. 139-435.000.
- Kodama, Kazuyuki: *See—*
  - Yabuuchi, Shigeru; Endoh, Takeyuki; Kodama, Kazuyuki; and Ide, Jushi, 4,497,035, Cl. 364-577.000.
- Kodama, Kenjiro; Kuninaka, Akira; and Saneyoshi, Mineo, to Yamasa Shoyu Kabushiki Kaisha; and Saneyoshi, Mineo. Antitumor compositions for non-injection administration. 4,542,021, 9-17-85, Cl. 514-49.000.
- Kodama, Masanori: *See—*
  - Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.
- Kodama, Masayuki; and Kobayashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. Four-wheel driving apparatus with an automatic transmission. 4,535,650, 8-20-85, Cl. 74-665.0GA.
- Kodama, Naoki; Takeuchi, Teruaki; Suzuki, Ryo; Takeshita, Masatoshi; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble memory device. 4,507,755, 3-26-85, Cl. 365-36.000.
- Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; Takeshita, Masatoshi; and Sugita, Yutaka, to Hitachi, Ltd. Hybrid magnetic bubble memory device. 4,525,808, 6-25-85, Cl. 365-36.000.
- Kodama, Naoki; Takeshita, Masatoshi; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble replicator. 4,547,865, 10-15-85, Cl. 365-12.000.
- Kodama, Naoki: *See—*
  - Sugita, Yutaka; Suzuki, Ryo; Kodama, Naoki; Takeshita, Masatoshi; and Ikeda, Tadashi, 4,528,645, Cl. 365-36.000.
  - Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; Kodama, Naoki; and Sugita, Yutaka, 4,494,216, Cl. 365-36.000.
  - Suzuki, Ryo; Takeuchi, Teruaki; Kodama, Naoki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,546,452, Cl. 365-36.000.
  - Takeshita, Masatoshi; Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,510,231, Cl. 430-312.000.
- Kodama, Shigeo: *See—*
  - Kawaguchi, Seiji; Fujiwara, Takeki; Kodama, Shigeo; Ito, Haruo; and Yamamoto, Kyuemon, 4,540,065, Cl. 182-63.000.
- Kodama, Takuma: *See—*
  - Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, 4,549,117, Cl. 315-371.000.
- Kodama, Toshikazu; and Sato, Koji, to Kabushiki Kaisha Toshiba. Surface acoustic wave transducer with internal acoustic reflection. 4,535,265, 8-13-85, Cl. 310-313.00C.
- Kodama, Yuji: *See—*
  - Hasegawa, Akira; and Kodama, Yuji, 4,558,921, Cl. 350-96.290.
- Kodatsky, William K.: *See—*
  - Hacetoglu, Ararat; and Kodatsky, William K., 4,528,031, Cl. 75-53.000.
- Koder, Walter: *See—*
  - Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.
- Kodera, Masao; Akita, Shigeyuki; and Yoshino, Yasuhisa, to Nippon Soken, Inc. Obstacle detecting device for vehicles. 4,524,356, 6-18-85, Cl. 340-904.000.
- Kodera, Masao: *See—*
  - Teratani, Tatsuo; and Kodera, Masao, 4,547,731, Cl. 324-58.00R.
- Kodera, Toshihiko; Eguchi, Kiyoshi; Ishikawa, Takayoshi; Genba, Yasushi; Tamaru, Shigemi; and Satou, Susumu, to Mitsubishi Denki Kabushiki Kaisha. Air circuit breaker. 4,497,992, 2-5-85, Cl. 200-153.0SC.
- Kodman, Ronald W. Removable lid and pour spout. 4,518,094, 5-21-85, Cl. 220-254.000.
- Kodric, Andrej A. Wind turbine. 4,496,283, 1-29-85, Cl. 416-44.000.
- Kodron, Rudolf S. Apparatus for recording and processing guest orders in restaurants or the like. 4,516,016, 5-7-85, Cl. 235-472.000.
- Koe, B. Kenneth: *See—*
  - Welch, Willard M., Jr.; Harbert, Charles A.; Koe, B. Kenneth; and Kraska, Allen R., 4,536,518, Cl. 514-647.000.
  - Welch, Willard M., Jr.; Harbert, Charles A.; Koe, B. Kenneth; and Kraska, Allen R., 4,556,676, Cl. 514-554.000.
- Koe, Joe K.: *See—*
  - Mendelsohn, Arnold; Koe, Joe K.; and Schienda, Gregory, 4,497,391, Cl. 187-29.00R.
- Koebisu, Mamoru; Shinzawa, Masayuki; and Murakami, Masatsugi, to Toray Industries, Inc. Laminated film of biaxially oriented polypropylene and an olefin polymer film. 4,522,887, 6-11-85, Cl. 428-461.000.
- Koeble-Smith, Carol: *See—*
  - Milch, Robert A.; Guerry-Kopecko, Patricia; Koeble-Smith, Carol; and Sybert, Edward M., 4,547,226, Cl. 127-41.000.
- Koeda, Kikuo; and Ito, Chikara, to Yukamelamin Company, Limited. Process for producing boron nitride. 4,562,050, 12-31-85, Cl. 423-290.000.
- Koehl, Richard; and Lerman, Michael J., to De Dietrich (USA), Inc. Impeller assembly and shaft having interference fit. 4,491,421, 1-1-85, Cl. 366-247.000.
- Koehl, Richard: *See—*
  - Lerman, Michael J.; Koehl, Richard; Chiarella, Anthony A.; and Zamory, William, 4,508,455, Cl. 366-247.000.
- Koehl, Robert: *See—*
  - Logel, Bernard; and Koehl, Robert, 4,535,226, Cl. 219-400.000.
- Koehl, Stephen E.; and Tiller, Charles R., to Cooper Industries, Inc. Ignition secondary analyzer. 4,558,280, 12-10-85, Cl. 324-399.000.
- Koehler, Gerard, to La Telemecanique Electrique. Bistable electromagnet with several armatures comprising a permanent magnet. 4,556,858, 12-3-85, Cl. 335-234.000.
- Koehler, Gernot: *See—*
  - Naarmann, Herbert; Koehler, Gernot; and Schlag, Johannes, 4,532,188, Cl. 428-500.000.
  - Naarmann, Herbert; and Koehler, Gernot, 4,535,039, Cl. 429-213.000.
- Koehler Manufacturing Company: *See—*
  - Guimond, Roy A.; Gulliksen, John E.; and Reed, Nanci W., 4,508,801, Cl. 429-238.000.
- Koehler, Paul C., to Pall Corporation. Porous metal article and method of making. 4,562,039, 12-31-85, Cl. 419-2.000.
- Koehler, Peter L. Earthworm irritant. 4,556,679, 12-3-85, Cl. 514-764.000.
- Koehler, Richard F., Jr.: *See—*
  - Bolte, Steven B.; Brewington, Grace T.; Davidson, Theodore; Koehler, Richard F., Jr.; and Martin, Robert G., 4,497,570, Cl. 355-16.000.
  - Hauser, Oscar G.; Lysy, Dusan G.; and Koehler, Richard F., Jr., 4,536,080, Cl. 355-14.00D.
- Koehring Canada Limited: *See—*
  - Kurelek, John, 4,491,163, Cl. 144-336.000.
- Koehring Company: *See—*
  - Brownbill, George A.; and Olsen, James E., 4,561,463, Cl. 137-596.130.
  - Thomas, David; and Briggs, Eugene C., 4,532,914, Cl. 126-110.00C.
- Koehring GmbH: *See—*
  - Vural, Gulertan, 4,534,419, Cl. 173-1.000.
- Koeijmans, Gerard D.: *See—*
  - Bowden, Edgar A.; Deline, Gordon R.; and Koeijmans, Gerard D., 4,511,999, Cl. 367-23.000.
- Koel, Gerrit J.: *See—*
  - Auwerda, Cornelis P.; and Koel, Gerrit J., 4,493,721, Cl. 65-3.120.
- Koeleman, Gerardus A. J.; and van de Laarschot, Franciscus A. A. E., to Oce-Nederland B.V. Method and apparatus for sensing a supply of sheets in a magazine. 4,503,960, 3-12-85, Cl. 192-127.000.
- Koella, Ernest, III; and Harmon, Albert D. Textile spindle assembly and method. 4,543,778, 10-1-85, Cl. 57-303.000.
- Koelle, Erwin; and Klink, Josef, to Daimler-Benz Aktiengesellschaft. Headrest of a motor vehicle seat. 4,560,202, 12-24-85, Cl. 297-410.000.
- Koeller, David L., to Deere & Company. Water shield ring for plasma arc cutting torch. 4,554,431, 11-19-85, Cl. 219-121.0PP.
- Koelmel, Donald; and Shalaby, Shalaby W., to Ethicon, Inc. Absorbable crystalline alkylene malonate copolyesters and surgical devices therefrom. 4,559,945, 12-24-85, Cl. 128-335.500.
- Koelmel, Donald F.; Jamiolkowski, Dennis D.; Shalaby, Shalaby W.; and Bezwada, Rao S., to Ethicon, Inc. Poly(p-dioxanone) polymers having improved radiation resistance. 4,546,152, 10-8-85, Cl. 525-437.000.
- Koelmel, Donald F.: *See—*
  - Shalaby, Shalaby W.; and Koelmel, Donald F., 4,543,952, Cl. 128-335.500.
- Koelsch, Lester M., to Envirex Inc. Rotating biological contactor. 4,549,962, 10-29-85, Cl. 210-150.000.
- Koemm, Ulrich; and Geisler, Klaus, to Bayer Aktiengesellschaft. Polyurethanes containing perfluoroalkyl groups and a process for their production. 4,540,765, 9-10-85, Cl. 528-45.000.
- Koenck, Steven E., to Norand Corporation. Portable battery powered system. 4,553,081, 11-12-85, Cl. 320-43.000.
- Koene, Casper H.; Vos, Cornelis; and Brasser, Jan, to Naarden International N.V. Process for flavoring dry vegetable matter. 4,534,983, 8-13-85, Cl. 426-293.000.
- Koeneman, Robert M.; Miller, Benjamin D.; Jablonski, Thaddeus M.; and Schafer, Albert L., to Remcor Products Company. Flaked ice dispenser. 4,513,892, 4-30-85, Cl. 222-235.000.
- Koenen, Richard A.: *See—*
  - Miles, Thomas P.; and Koenen, Richard A., 4,528,567, Cl. 343-442.000.
- Koenig, Alan R.; and Moon, Edward L., to Jim Walter Corporation. Apparatus and method for producing shot-free mineral wool. 4,507,197, 3-26-85, Cl. 209-2.000.
- Koenig, Albert A.: *See—*
  - Brady, Joseph H.; Koenig, Albert A.; and Straub, Harry, 4,538,834, Cl. 285-10.000.
- Koenig & Bauer Aktiengesellschaft: *See—*
  - Barrois, Claus D., 4,519,312, Cl. 101-349.000.
  - Barrois, Claus D., 4,541,339, Cl. 101-349.000.
  - Bolza-Schunemann, Claus A., 4,508,034, Cl. 101-365.000.
  - Kutzner, Willi A. P.; Schneider, Georg; and Kubert, Thomas, 4,559,871, Cl. 101-207.000.
  - Michalik, Horst B., 4,496,338, Cl. 493-367.000.
  - Michalik, Horst B.; and Klingenmeier, Erich A., 4,538,517, Cl. 101-227.000.
  - Schneider, Georg, 4,513,662, Cl. 101-207.000.
  - Weschenfelder, Otto T.; and Schmitt, Gunter K., 4,519,594, Cl. 270-20.100.
- Koenig, Heribert: *See—*
  - Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.
- Koenig, Horst: *See—*
  - Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, 4,544,562, Cl. 514-247.000.

- Koenig, Jean-Jacques: *See—*
  - Jarreau, Francois-Xavier; and Koenig, Jean-Jacques, 4,526,895, Cl. 514-341.000.
  - Jarreau, Francois-Xavier; and Koenig, Jean-Jacques, 4,552,868, Cl. 514-26.000.
- Koenig, John F.: *See—*
  - Boland, James F.; and Koenig, John F., 4,526,136, Cl. 122-451.100.
- Koenig, Karl-Heinz: *See—*
  - Husslein, Gerd; Hamprecht, Gerhard; Koenig, Karl-Heinz; Boehm, Walter; and Gaeng, Manfred, 4,515,985, Cl. 562-472.000.
- Koenig, Kurt L. Portable traffic warning light. 4,535,331, 8-13-85, Cl. 340-908.000.
- Koenig, Lawrence W.: *See—*
  - Morrison, Heber J.; and Koenig, Lawrence W., 4,502,085, Cl. 361-56.000.
- Koenig, Leonard R.: *See—*
  - Chen, Nai Y.; and Koenig, Leonard R., 4,503,278, Cl. 585-469.000.
  - Chen, Nai Y.; and Koenig, Leonard R., 4,549,031, Cl. 585-408.000.
- Koenig, Mark J.; and Oye, Kevin J., to AT&T Information Systems Inc. Control channel interface circuit. 4,511,969, 4-16-85, Cl. 364-200.000.
- Koenig, Rainer; Sieglen, Rolf; Weisser, Wolfgang; and Heide, Helga, to Luossavaara-Kiirunavaara AB. Suction device for obtaining dust samples. 4,502,951, 3-5-85, Cl. 209-21.000.
- Koenig, Robert H.; and Lovell, Walter, to Tapeswitch Corporation of America. Tape switch with corrugated wavy conductor. 4,551,595, 11-5-85, Cl. 200-86.00R.
- Koenigsberg, William D.; and Wagenknecht, Arthur J., to GTE Automatic Electric Laboratories Incorporated; and GTE Products Corporation. Fluorescent lamp and a base thereof. 4,506,192, 3-19-85, Cl. 315-71.000.
- Koenneker, Reinhard: *See—*
  - Anklam, Bruno; Koenneker, Reinhard; and Mezger, Hans, 4,556,034, Cl. 123-470.000.
- Koensgen, Jean-Pierre: *See—*
  - Bichara, Michel; Koensgen, Jean-Pierre; Bodu, Michel; Meriaux, Michel; and Zimmermann, Jean-Pierre, 4,504,092, Cl. 299-5.000.
- Koenuma, Masao, to Asahi Seimitsu Kabushiki Kaisha. Vernier device of the digital display type for a universal parallel ruler. 4,492,031, 1-8-85, Cl. 33-1.0PT.
- Koepke, Jeffery W.: *See—*
  - Hsieh, Wen-Ching; and Koepke, Jeffery W., 4,530,400, Cl. 166-273.000.
  - Young, Dean A.; and Koepke, Jeffery W., 4,501,925, Cl. 585-467.000.
  - Young, Dean A.; and Koepke, Jeffery W., 4,513,158, Cl. 585-527.000.
  - Young, Dean A.; and Koepke, Jeffery W., 4,548,705, Cl. 208-111.000.
- Koeppelmann, Edgar: *See—*
  - Hase, Christian; and Koeppelmann, Edgar, 4,559,158, Cl. 252-102.000.
- Koeppen, Peter L.; Rogers, Gerald; Brown, Sammy K.; and Solimeno, Duane, to Texas Instruments Incorporated. Plurality of processors sharing the memory, the arithmetic logic unit and control circuitry all on a single semiconductor chip. 4,491,907, 1-1-85, Cl. 364-200.000.
- Koeppen, Peter L.: *See—*
  - Rogers, Gerald D.; Koeppen, Peter L.; Brown, Sammy K.; and Solimeno, Duane, 4,530,047, Cl. 364-200.000.
  - Solimeno, Duane; Koeppen, Peter L.; Rogers, Gerald; and Brown, Sammy K., 4,517,656, Cl. 364-900.000.
- Koerber, Charles F. Wheelchair lift apparatus. 4,493,602, 1-15-85, Cl. 414-541.000.
- Koerber, Clement J., Sr.: *See—*
  - Fleck, David C.; Novak, Joseph H.; and Koerber, Clement J., Sr., 4,539,560, Cl. 340-573.000.
- Koerfer, Egon: *See—*
  - Berstermann, Wilhelm; Grisar, Ulrich; and Koerfer, Egon, 4,544,270, Cl. 356-313.000.
- Koermer, Gerald S., to Celanese Corporation. Production of linear alkenoic acids and esters. 4,506,095, 3-19-85, Cl. 560-205.000.
- Koermer, Gerald S.: *See—*
  - Linstid, H. Clay, III; and Koermer, Gerald S., 4,537,995, Cl. 568-384.000.
- Koerner, David J.: *See—*
  - Stogner, Clarence H.; and Koerner, David J., 4,527,769, Cl. 251-14.000.
- Koerner, Dennis W.: *See—*
  - Glass, Richard W.; and Koerner, Dennis W., 4,514,428, Cl. 426-321.000.
- Koerner, Gotz; and Weitemeyer, Christian, to Th. Goldschmidt AG. Organosilicon-modified polydienes, process for their synthesis and their use as emulsion breakers for crude oil. 4,501,911, 2-26-85, Cl. 556-446.000.
- Koerner, Gotz: *See—*
  - Callaghan, Ian C.; Fink, Hans-Ferdi; Gould, Clive M.; Koerner, Gotz; Patzke, Hans-Jurgen; and Weitemeyer, Christian, 4,557,737, Cl. 55-87.000.
  - Fink, Hans-Ferdi; Koerner, Gotz; and Freiberger, Rolf, 4,501,616, Cl. 106-38.220.
  - Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, 4,520,173, Cl. 525-403.000.
  - Gruning, Burghard; Holtschmidt, Ulrich; and Koerner, Gotz, 4,537,595, Cl. 8-115.600.
- Koerner, Hans-Gerhard; Lang, Helmut; Berthold, Rainer; Strietzel, Rainer; and Melchior, Friedrich, to Brown, Boveri & Cie AG. Apparatus for setting and/or monitoring the operation of a shell fuse or detonator. 4,495,851, 1-29-85, Cl. 89-6.500.
- Koerwer, John F., to Union Carbide Corporation. Tetrahydrotriazines for aquatic herbicidal use. 4,498,920, 2-12-85, Cl. 71-66.000.
- Koester, Arlan: *See—*
  - Cushman, Robert L.; Koester, Arlan; and Eveland, Michael, 4,520,960, Cl. 239-29.000.
- Koester, Eberhard: *See—*
  - Ohlinger, Manfred; Vaeth, Guenter; Rudolf, Peter; Sarnecki, Wilhelm; Jakusch, Helmut; Koester, Eberhard; and Melzer, Milena, 4,497,723, Cl. 252-62.560.
- Koestler, Dennis J.: *See—*
  - Hwang, Kyu S.; and Koestler, Dennis J., 4,537,178, Cl. 126-110.00R.
  - Hwang, Kyu S.; and Koestler, Dennis J., 4,561,421, Cl. 126-110.00R.
- Koetje, John R. Expandable connector and method of using same to form curved structural framework. 4,532,747, 8-6-85, Cl. 52-586.000.
- Koev, Koycho G.; Nedelcheva, Aneliya A.; Todorova, Yasmina S.; and Uzunova, Iglika T., to Vish-Mahinnoelektritechnicheski Institute. Method and device for finely granulizing of sticky or agglomerated materials using controlled vortices. 4,505,432, 3-19-85, Cl. 241-29.000.
- Koewing, James W.: *See—*
  - Grundy, Reed H.; and Koewing, James W., 4,546,656, Cl. 73-862.480.
- Kofahl, William M. Jet engine pump and downhole heater. 4,502,535, 3-5-85, Cl. 166-105.000.
- Koffski, James R. Work support. 4,502,565, 3-5-85, Cl. 182-184.000.
- Koflo Corporation: *See—*
  - Federighi, James L.; and Federighi, Frank F., 4,511,258, Cl. 366-337.000.
- Koga, Itsuo: *See—*
  - Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
- Koga, Kazuyuki: *See—*
  - Suzuki, Fumio; Ohnuma, Toshio; Koga, Kazuyuki; and Watanabe, Tatsuya, 4,557,046, Cl. 29-749.000.
- Koga, Keigi: *See—*
  - Takano, Kazukiyo; and Koga, Keigi, 4,493,037, Cl. 364-405.000.
- Koga, Kenji: *See—*
  - Terashima, Shiro; Tamoto, Katsumi; and Koga, Kenji, 4,501,700, Cl. 260-351.500.
- Koga, Kunio; Sasaki, Yukihiro; and Samejima, Mutsumi, to Daicel Chemical Industries, Ltd. Method of operating mixer-settler. 4,562,288, 12-31-85, Cl. 562-608.000.
- Koga, Masao: *See—*
  - Takahashi, Kohki; Kondoh, Takeo; Koga, Masao; and Nishiwaki, Kenichiro, 4,517,348, Cl. 526-273.000.
- Koga, Motoyuki, to Hakko Co., Ltd. Pig for repairing interior portions of a pipeline. 4,504,204, 3-12-85, Cl. 425-11.000.
- Koga, Motoyuki, to Hakko Co., Ltd. Method for lining pipes in pipelines. 4,505,613, 3-19-85, Cl. 405-154.000.
- Koga, Motoyuki: *See—*
  - Kamuro, Takashi; Ootsuga, Hisao; Saito, Isao; and Koga, Motoyuki, 4,556,580, Cl. 427-8.000.
- Koga, Nobuhito: *See—*
  - Oba, Masayuki; Kawamata, Motoo; Tsuboi, Hikotada; and Koga, Nobuhito, 4,500,719, Cl. 548-522.000.
  - Tsuboi, Hikotada; Kawamata, Motoo; Oba, Masayuki; and Koga, Nobuhito, 4,506,042, Cl. 523-454.000.
- Koga, Noritaka; Suzuki, Takanori; Nakamura, Kenji; Suzuki, Hitoshi; and Ogano, Takeo, to Honda Giken Kogyo Kabushiki Kaisha. Internal combustion engine. 4,513,702, 4-30-85, Cl. 123-193.00H.
- Koga, Takamasa: *See—*
  - Kosaka, Takashi; Koga, Takamasa; and Konishi, Kuniyoshi, 4,527,277, Cl. 375-82.000.
- Koga, Tatsumi. Net fabric for trawling. 4,521,986, 6-11-85, Cl. 43-9.000.
- Koga, Toshio, to NEC Corporation. Adaptive predictive coding apparatus of television signal. 4,562,468, 12-31-85, Cl. 358-136.000.
- Koga, Toshiyuki, to Kabushiki Kaisha Daini Seikosha. Fluorescent X-ray film thickness gauge. 4,534,049, 8-6-85, Cl. 378-050.000.
- Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, to Hitachi, Ltd.; Hitachi Engineering Co., Ltd.; and Hitachi Service Engineering Co., Ltd. Apparatus for making diagnosis of valve device in turbine system. 4,523,286, 6-11-85, Cl. 364-494.000.
- Koga, Yasunori: *See—*
  - Hamano, Hideo; and Koga, Yasunori, 4,516,443, Cl. 74-711.000.
- Koga, Yoshikazu; and Fukuya, Hiroyuki. Apparatus for directly and continuously weighing continuously fed powder or particle substances. 4,491,243, 1-1-85, Cl. 222-55.000.
- Koga, Yoshiro; and Nakao, Kenji, to Onkyo Kabushiki Kaisha. Rectified and smoothed DC supplying circuitry. 4,555,751, 11-26-85, Cl. 363-44.000.
- Kogame, Kunio; Tanba, Yoshihiro; and Makimura, Masaru, to Kuraray Co., Ltd. Entangled fibrous mat having good elasticity and methods for the production thereof. 4,515,854, 5-7-85, Cl. 428-288.000.
- Kogami, Kunio: *See—*
  - Matsui, Masanao; Chun-Eng, Liau; Kogami, Kunio; Yano, Toshihiko; and Matsuo, Noritada, 4,496,586, Cl. 514-531.000.
- Kogan, Abraham; and Moore, Uri, to Gason Energy Engineering Ltd. Method and apparatus for the absorption of a gas in a liquid and their use in energy conversion cycles. 4,534,175, 8-13-85, Cl. 60-649.000.
- Kogane, Mikio, to Fuji Photo Film Co., Ltd. Interchangeable cutter mechanism. 4,494,432, 1-22-85, Cl. 83-559.000.

Kogane, Mikio; and Yamazaki, Seiichi, to Fuji Photo Film Co., Ltd. Device for detecting whether or not one end of a belt-shaped sheet is locked. 4,540,324, 9-10-85, Cl. 414-20.000.

Kogasaka, Fukuhei. Cleaning cloth for gun and cannon bores. 4,497,082, 2-5-85, Cl. 15-104.165.

Kogawa, Takashi, to Hitachi, Ltd. Safety maintaining apparatus for automatic machines. 4,523,135, 6-11-85, Cl. 318-565.000.

Kogawa, Takashi, to Hitachi, Ltd. Method for extrapolating a path of a robot and apparatus therefor. 4,523,287, 6-11-85, Cl. 364-513.000.

Kogawa, Takashi, to Hitachi, Ltd. Path control method and apparatus. 4,541,060, 9-10-85, Cl. 364 513.000.

Kogen, James; and Anderson, C. Roger, to Shure Brothers, Inc. Brush contact for phonograph tone arm dynamic stabilizer. 4,514,836, 4-30-85, Cl. 369-74.000.

Koger, Friedrich; and Haas, Udo, to Wilhelm Gebhardt GmbH. Radial fan with backwardly curving blades. 4,526,506, 7-2-85, Cl. 415-98.000.

Koger, Thurman J., II; Farrington, Theodore E., Jr.; and Weinshenker, Eugene, to Procter & Gamble Company, The. Process for high-speed production of webs of debossed and perforated thermoplastic film. 4,552,709, 11-12-85, Cl. 264-504.000.

Kogiso, Osamu: *See—*

  Yamamoto, Hisao, and Kogiso, Osamu, 4,505,956, Cl. 427-393.100.

Kogiso, Takashi; Kishi, Katsutoshi; and Yokoyama, Hachirou, to Howa Kogyo Kabushiki Kaisha. Apparatus for controlling the winding speed of roving in roving frame. 4,551,969, 11-12-85, Cl. 57-264.000.

Kogo, Yasuo: *See—*

  Minamisawa, Tsuyoshi; Kogo, Yasuo; and Nagata, Yasuhisa, 4,500,660, Cl. 523-428.000.

Koguchi, Shigeo: *See—*

  Hiraki, Shunichi; Kinoshita, Hiroshi; Kumamaru, Kuniaki; Koguchi, Shigeo; and Yonezawa, Toshio, 4,521,256, Cl. 148-1.500.

  Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.

Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, to Kyowa Hakko Kogyo Co., Ltd. Novel physiologically active substance K-4, a process for preparation thereof and a pharmaceutical composition containing the same. 4,522,812, 6-11-85, Cl. 514-7.000.

Kogure, Hiroshi: *See—*

  Yagi, Shizuo; Otani, Junji; Fujii, Isao; and Kogure, Hiroshi, 4,494,504, Cl. 123-308.000.

Kogure, Kenji; Kakizaki, Takao; Mitsuya, Yasunaga; Oguchi, Shigemitsu; and Otani, Koji, to Nippon Telegraph & Telephone Public Corporation. Swinging actuators for use in magnetic disc type memory devices. 4,544,972, 10-1-85, Cl. 360-105.000.

Kogure, Osamu: *See—*

  Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.

  Morita, Masao; Tanaka, Akinobu; Imamura, Saburo; Tamamura, Toshiaki; and Kogure, Osamu, 4,507,384, Cl. 430-311.000.

Kogure, Toshiharu, to Seiko Seiki Kabushiki Kaisha. Grinding machine control system for intermittently measuring workpiece size. 4,505,074, 3-19-85, Cl. 51-165.770.

Kogure, Yasuzi: *See—*

  Nakai, Masaaki; Kogure, Yasuzi; Sahara, Masayoshi; and Kobori, Toshio, 4,504,133, Cl. 354-266.000.

Kogut, Jimmy A. Control unit with separate dampers for make-up and combustion air circulation. 4,498,624, 2-12-85, Cl. 237-53.000.

Kogut, Jimmy A. Control unit for make-up and combustion air circulation. 4,509,681, 4-9-85, Cl. 237-53.000.

Kogyo Gijutsuin: *See—*

  Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.

Koh, Hiroshi; and Hirota, Junichi. Lift control system. 4,520,343, 5-28-85, Cl. 340-19.00R.

Koh, Hiroshi: *See—*

  Tsutsumi, Suteo; and Koh, Hiroshi, 4,554,459, Cl. 250-550.000.

Koh-i-noor Bilovec, norodni podnik: *See—*

  Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, 4,549,742, Cl. 280-11.180.

Koh-I-Noor Rapidograph, Inc.: *See—*

  Anderka, Gerold; Brandt, Joachim; Deblitz, Gerhard; Martens, Rolf; Paschen, Rolf; and Willimczik, Bernd, 4,552,483, Cl. 403-288.000.

  Brandt, Joachim; Deblitz, Gerhard; Post, Jurgen; Willimczik, Bernd; Marten, Rolf; Paschen, Rolf; and Anderka, Gerold, 4,496,958, Cl. 346-139.00R.

  Hojer, Anke; Bockmann, Jurgen; Hofmann, Harald; Mikuteit, Axel; Ritter, Hans-Joachim; and Tenhagen, Rolf, 4,548,325, Cl. 211-69.500.

  Mikuteit, Axel, 4,558,966, Cl. 401-213.000.

Koh, Shiro; Wada, Katsuyasu; Namioka, Kazuhiko; and Hitomi, Masuo, to Dowa Mining Co., Ltd.; and Dowa Metal Developping Center Co., Ltd. Liquid composition for artificial production of verdigris. 4,560,415, 12-24-85, Cl. 106-286.300.

Koh, Takuji: *See—*

  Arichi, Isao; Koh, Takuji; and Nanba, Isao, 4,547,077, Cl. 368-107.000.

Kohama, Hajime: *See—*

  Mizunoya, Nobuyuki; Kohama, Hajime; and Sugiura, Yasuyuki, 4,540,462, Cl. 156-630.000.

Kohama, Shigeo: *See—*

  Shiokawa, Kozo; Moriya, Koichi; Goto, Toshio; Kamochi, Atsumi; and Kohama, Shigeo, 4,559,079, Cl. 71-92.000.

Kohama, Tokio; Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, to Nippon Soken, Inc.; and Nippondenso Co., Ltd. Torque detector. 4,513,627, 4-30-85, Cl. 73-862.340.

Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, to Nippon Soken, Inc.; and Nippondenso Co., Ltd. Torque detector. 4,513,628, 4-30-85, Cl. 73-862.340.

Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Measurement of variations in internal combustion engine output. 4,532,798, 8-6-85, Cl. 73-116.000.

Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, to Nippon Soken, Inc.; and Nippondenso Co., Ltd. Torque detector. 4,550,618, 11-5-85, Cl. 73-862.340.

Kohama, Tokio: *See—*

  Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.

  Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, 4,517,648, Cl. 364-431.010.

  Kanehara, Kenji; Kohama, Tokio; Kawai, Hisasi; and Tokura, Norihito, 4,537,172, Cl. 123-527.000.

  Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,503,713, Cl. 73-862.340.

  Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,513,626, Cl. 73-862.340.

  Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, 4,499,882, Cl. 123-492.000.

  Tokura, Norihito; Kawai, Hisasi; Kohama, Tokio; and Kanehara, Kenji, 4,550,308, Cl. 340-347.0NT.

Kohara, Hideo: *See—*

  Hattori, Toshihiko; Akagi, Yuji; and Kohara, Hideo, 4,509,906, Cl. 418-152.000.

Kohara, Kenichi: *See—*

  Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,504,305, Cl. 71-98.000.

  Iwataki, Isao; Fujita, Kagari; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,515,729, Cl. 260-464.000.

Kohara, Masanobu; Nakao, Shin; and Shibata, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Dimensionally stable semiconductor device. 4,561,011, 12-24-85, Cl. 356-81.000.

Kohara, Satsuki; and Ono, Noriaki, to Olympus Optical Co., Ltd. Chemically sensitive element. 4,512,870, 4-23-85, Cl. 204-416.000.

Kohara, Yoshiyuki: *See—*

  Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.

Kohashi, Tadao; Irie, Hiroyuki; Ide, Susumu, and Esaki, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Electroosmotic ink printer. 4,525,727, 6-25-85, Cl. 346-140.00R.

Kohashi, Tadao, to Matsushita Electric Industrial Co., Ltd. Transfer recording method and apparatus therefor. 4,541,042, 9-10-85, Cl. 346-76.0PH.

Kohashi, Takahiro: *See—*

  Miyazaki, Masaru; Takahashi, Susumu; Kohashi, Takahiro; and Ueyanagi, Kiichi, 4,561,169, Cl. 29-571.000.

  Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, 4,520,094, Cl. 430-144.000.

Kohatsu, Iwao: *See—*

  Wood, Clayton D.; Garrou, Philip E.; Kohatsu, Iwao; and Gleason, Edward F., 4,559,364, Cl. 518-715.000.

Kohaut, John E., to Raceway Components, Inc. Automatic cable passage closure and sealing device. 4,493,173, 1-15-85, Cl. 52-221.000.

Kohberg, Ewaid: *See—*

  Meller, Theo; Knecht, Heinz; Kohberg, Ewald; and Lohr, Karl-Heinz, 4,502,672, Cl. 267-64.170.

Kohda, Katsuhiro; and Takahashi, Kenji, to Fuji Photo Film Co., Ltd. Process for the preparation of phosphor. 4,539,137, 9-3-85, Cl. 252-301.40H.

Kohen, Eliezer H.: *See—*

  Atanassov, Lyuben P.; Kohen, Eliezer H.; Maleshkov, Vladimir D.; Antonov, Dimo P.; Russev, Lyubomir S.; and Georgiev, Georgi A., 4,558,408, Cl. 364-130.000.

Kohigashi, Minoru: *See—*

  Nakamura, Norihiko; Baika, Toyokazu; Miki, Toshio; and Kohigashi, Minoru, 4,494,495, Cl. 123-90.150.

Kohjin Co., Ltd.: *See—*

  Fujita, Yuji; Wakasugi, Keizo; and Kaneko, Ryoichi, 4,543,280, Cl. 428-35.000.

  Miya, Toyofumi; Kobayashi, Yukiharu; and Yano, Masao, 4,515,943, Cl. 536-27.000.

  Mukohyama, Hideaki; Hiraoka, Ryoichi; Ushijima, Shohachi; and Saito, Motoyasu, 4,547,571, Cl. 536-90.000.

  Oka, Hiroshi, 4,544,391, Cl. 62-541.000.

Kohketsu, Kazuo: *See—*

  Umemoto, Chiyuki; and Kohketsu, Kazuo, 4,496,838, Cl. 250-327.200.

Kohl, Albert; Schneider, Norbert; Ley, Gregor; Balz, Werner; Melzer, Milena; and Jakusch, Helmut, to BASF Aktiengesellschaft. Production of magnetic recording media. 4,507,457, 3-26-85, Cl. 427-48.000.

Kohl, Charles F., to Dow Corning Corporation. Method and novel catalyst compositions for preparing polyorganosiloxanes. 4,508,887, 4-2-85, Cl. 528-21.000.
Kohl, Charles F., to Dow Corning Corporation. Catalyst compositions for preparing polyorganosiloxanes. 4,525,470, 6-25-85, Cl. 502-167.000.
Kohl, Georg: *See—*
Erpenbach, Heinz; Gehrmann, Klaus; Horstermann, Peter; Kubbeler, Hans-Klaus; and Kohl, Georg, 4,549,937, Cl. 203-40.000.
Kohl, Gretchen S.: *See—*
Chandra, Grish; Kohl, Gretchen S.; and Tassoff, James A., 4,559,227, Cl. 424-70.000.
Kohl, Horst: *See—*
Kuckens, Alexander; and Kohl, Horst, 4,518,105, Cl. 222-207.000.
Kuckens, Alexander; and Kohl, Horst, 4,552,286, Cl. 222-145.000.
Kohl, Peter: *See—*
Lohrberg, Karl; Kohl, Peter; and Haas, Gunter, 4,502,935, Cl. 204-253.000.
Kohl, Wilhelm: *See—*
Eibner, Robert; Nolle, Hans-Heinrich; Schneider, Alfred; and Kohl, Wilhelm, 4,525,197, Cl. 71-11.000.
Kohle, Ulrich; and Paffhausen, Hans, to Pelikan Aktiengesellschaft. Overstrike ribbon for print wheels. 4,515,489, 5-7-85, Cl. 400-241.200.
Kohle, Ulrich; and Paffhausen, Hans, to Pelikan Aktiengesellschaft. Multistrike ribbon. 4,544,292, 10-1-85, Cl. 400-241.200.
Kohlensaeurewerk Deutschland GmbH: *See—*
Kunz, Werner; and Broeckels, Theo, 4,507,542, Cl. 219-130.510.
Kohlensaure-Werke Rudolf Buse Sohn GmbH & Co.: *See—*
Ernst, Werner, 4,537,062, Cl. 73-38.000.
Kohler, Alfred; and Krizek, Oldrich, to ITT Industries, Inc. Windshield wiper installation. 4,545,088, 10-8-85, Cl. 15-250.350.
Kohler, Alfred: *See—*
Deutscher, Hans-Christian; Kohler, Alfred; Prohaska, Hans; and Schubert, Karl-Friedrich, 4,550,469, Cl. 15-250.340.
Kohler, Bernard, to Sedis Compagnie des Transmissions Mecaniques. Universal tightener for a transmission chain or belt. 4,505,691, 3-19-85, Cl. 474-101.000.
Kohler, Charles F., to Whirlpool Corporation. Ventilating means for cooking apparatus. 4,549,055, 10-22-85, Cl. 219-10.55R.
Kohler Coating Machinery Corporation, The: *See—*
Kohler, Gordon A. E.; Kohler, John B.; and Kohler, Herbert B., 4,513,915, Cl. 239-455.000.
Kohler Co.: *See—*
Block, Dale A., 4,515,037, Cl. 74-553.000.
Bolgert, Edwin F., 4,508,137, Cl. 137-218.000.
Drewry, Hugh S.; and Keszthelyi, Ewald, 4,540,888, Cl. 290-1.00R.
Jones, Robert A.; and Reichert, Jack R., 4,536,901, Cl. 4-416.000.
Knapp, Scott R.; and Kolada, Paul P., 4,554,690, Cl. 4-601.000.
Striegel, William H.; and Schmitz, Willard H., 4,512,042, Cl. 4-496.000.
Kohler, David E.: *See—*
Maliszewski, Theodore V.; and Kohler, David E., 4,523,721, Cl. 241-61.000.
Kohler, Egon: *See—*
Feyen, Peter; Seifert, Hermann; and Kohler, Egon, 4,537,730, Cl. 260-989.000.
Kohler, Gernot: *See—*
Naarmann, Herbert; Muench, Volker; Kohler, Gernot; and Simak, Petr, 4,518,535, Cl. 260-438.100.
Kohler, Gordon A. E.; Kohler, John B.; and Kohler, Herbert B., to Kohler Coating Machinery Corporation, The. Nozzle construction for coating equipment. 4,513,915, 4-30-85, Cl. 239-455.000.
Kohler, Hans O.; and Stromvall, Sten K., to Kohler, Hans Olof. Determining agreement between an analysis signal and at least one reference signal. 4,511,917, 4-16-85, Cl. 358-84.000.
Kohler, Hans Olof: *See—*
Kohler, Hans O.; and Stromvall, Sten K., 4,511,917, Cl. 358-84.000.
Kohler, Herbert B.: *See—*
Kohler, Gordon A. E.; Kohler, John B.; and Kohler, Herbert B., 4,513,915, Cl. 239-455.000.
Kohler, Ingomar: *See—*
Struck, Carl-Heinz; Schumacher, Ralf; Kohler, Ingomar; and Leppert, Gerd-Ullrich, 4,561,843, Cl. 432-214.000.
Kohler, John B.: *See—*
Kohler, Gordon A. E.; Kohler, John B.; and Kohler, Herbert B., 4,513,915, Cl. 239-455.000.
Kohler, Manfred R.: *See—*
ten Broeke, Klaas E.; and Kohler, Manfred R., 4,524,874, Cl. 212-197.000.
Kohler, Michael B.: *See—*
Enochs, Frank L.; and Kohler, Michael B., 4,560,058, Cl. 198-426.000.
Kohler, Norbert: *See—*
Candau, Francoise; Leong, Yee-Sing; Kohler, Norbert; and Dawans, Francois, 4,521,317, Cl. 252-8.55D.
Kohler, Peter; Ringe, Peter; and Heine, Heinrich, to Bayer Aktiengesellschaft. Mixed phases having the composition $Bi_{2-x}Cr_xO_3$ and a process for their production. 4,529,448, 7-16-85, Cl. 106-288.00B.
Kohler, Peter: *See—*
Biermann, Hans-Peter; Kohler, Peter; and Heine, Heinrich, 4,491,619, Cl. 428-403.000.
Kohler, Ramon C., to Caterpillar Tractor Co. Throttle linkage structure and method for its assembly and disassembly. 4,535,646, 8-20-85, Cl. 74-501.00R.
Kohler, Richard B.; and White, Arthur C., to Indiana University Foundation. Method for the diagnosis of Legionnaires' disease. 4,514,509, 4-30-85, Cl. 436-518.000.
Kohler, Robert: *See—*
Kober, Kurt; Wohrle, Rudolf; and Kohler, Robert, 4,502,561, Cl. 280-446.00B.
Kohler, Robert D.: *See—*
Steffan, Leonard D.; and Kohler, Robert D., 4,499,920, Cl. 137-624.150.
Kohler, Rolf-Dieter: *See—*
Disteldorf, Walter; Eisfeld, Wolfgang; and Kohler, Rolf-Dieter, 4,550,208, Cl. 564-329.000.
Hagen, Helmut; Markert, Juergen; Kohler, Rolf-Dieter; and Wuerzer, Bruno, 4,511,393, Cl. 71-92.000.
Hagen, Helmut; and Kohler, Rolf-Dieter, 4,544,755, Cl. 548-335.000.
Kohlhaas, Folker: *See—*
Hoyer, Ernst; Kohlhaas, Folker; and Meininger, Fritz, 4,492,654, Cl. 534-827.000.
Kohlhaas, Oswin: *See—*
Lincke, Paul; Kohlhaas, Oswin; and Wahhoud, Adnan, 4,505,306, Cl. 139-435.000.
Kohlhage, Hermann: *See—*
Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,497,588, Cl. 400-645.100.
Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,504,161, Cl. 400-605.000.
Kohli, Dalip K., to American Cyanamid Company. Curable epoxy resin compositions. 4,521,583, 6-4-85, Cl. 528-119.000.
Kohli, Dalip K.: *See—*
Draney, Daniel R.; and Kohli, Dalip K., 4,558,078, Cl. 523-468.000.
Kohli, Jerry L., to Buxton, Inc. Theme belt buckle. 4,502,188, 3-5-85, Cl. 24-163.00K.
Kohlmuller, Hans; and Nippe, Waldemar, to Siemens Aktiengesellschaft. Transparent conducting layer. 4,559,165, 12-17-85, Cl. 252-512.000.
Kohlpaintner, Georg: *See—*
Bienert, Horst; Kohlpaintner, Georg; and Jardin, Hans, 4,509,791, Cl. 296-216.000.
Kohlpoth, Walter: *See—*
Schmidt, Gerhard; and Kohlpoth, Walter, 4,524,048, Cl. 422-159.000.
Kohls, John B., to Berkoh Company, Inc. Timer. 4,527,905, 7-9-85, Cl. 368-93.000.
Kohlstette, Werner, to Westfalia Separator AG. Centrifuge with self-emptying drum. 4,514,183, 4-30-85, Cl. 494-27.000.
Kohm, Erich: *See—*
Hilpert, Fritz; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,542,393, Cl. 346-163.000.
Hilpert, Fritz W.; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,502,797, Cl. 400-55.000.
Kohmoto, Kohtaro: *See—*
Dobashi, Yoshitomi; Asakura, Masahiko; and Kohmoto, Kohtaro, 4,562,379, Cl. 313-619.000.
Kohmoto, Osamu; Takasugi, Yasufumi; Sugihara, Hiroshi; and Nishimatsu, Masaharu, to TDK Corporation. Magnetic recording medium. 4,537,832, 8-27-85, Cl. 428-216.000.
Kohmoto, Shinsuke: *See—*
Ohkura, Zenichi; and Kohmoto, Shinsuke, 4,560,237, Cl. 350-255.000.
Kohmura, Isao; Miura, Jun; and Kajima, Norio, to Mitsubishi Paper Mills, Ltd. Photosensitive material for use in diffusion transfer process with matting agents in underlayer. 4,562,140, 12-31-85, Cl. 430-244.000.
Kohn, David H.: *See—*
Cooper, Emanuel; and Kohn, David H., 4,528,164, Cl. 423-1.000.
Kohn, Elliott S., to RCA Corporation. Television receiver adaptable for descrambler module. 4,509,210, 4-2-85, Cl. 455-349.000.
Kohn, Erhard, to Telefunken Electronic GmbH. Semiconductor optoelectronic switch. 4,494,132, 1-15-85, Cl. 357-30.000.
Kohn, Erhard, to Telefunken Electronic GmbH. Method of manufacturing a field-effect transistor. 4,499,651, 2-19-85, Cl. 29-571.000.
Kohn, Erhard: *See—*
Colquhoun, Alexander; and Kohn, Erhard, 4,541,000, Cl. 357-15.000.
Kohn, Ernest O.: *See—*
Abbott, James B.; Kohn, Ernest O.; Berry, Christopher; and Slade, Mark N., 4,512,172, Cl. 72-68.000.
Kohn, Gary A.: *See—*
Gano, John C.; and Kohn, Gary A., 4,535,968, Cl. 251-58.000.
Kohn, Gustave K.; and Bamberg, Joe T., to Zoecon Corporation. 3-Phosphinyloxy-4-(substituted phenoxy)alkenoic acid esters. 4,499,271, 2-12-85, Cl. 546-22.000.
Kohn, Gustave K.; and Bamberg, Joe T., to Zoecon Corporation. Alkoxy substituted phenoxy alkanoic acid esters. 4,520,199, 5-28-85, Cl. 546-302.000.
Kohn, Gustave K.: *See—*
Bamberg, Joe T.; and Kohn, Gustave K., 4,508,906, Cl. 546-300.000.
Kohn, Harold B.: *See—*
Clark, Malcolm W.; and Kohn, Harold B., 4,539,183, Cl. 422-143.000.
Kohn, Heinz G.: *See—*
Hennemuth, Kurt; Kohn, Heinz G.; Knothe, Erich; and Pradel, Gunter, 4,529,397, Cl. 604-4.000.

- Kohn, Henri-Armand, to Baltek Corp. Scrimless contourable core for use in laminated contoured structures. 4,536,427, 8-20-85, Cl. 428-44.000.
- Kohn, Rachel S., to Celanese Corporation. Thixotropic aqueous solutions containing a crosslinked polygalactomannan gum. 4,549,907, 10-29-85, Cl. 106-208.000.
- Kohnen, Julius: *See—*
  - Kutz, Johannes; Itgenhorst, Dieter; and Kohnen, Julius, 4,506,526, Cl. 68-15.000.
- Kohno, Atsuo; and Shiiba, Minoru, to Fuji Photo Film Co., Ltd. Camera with protective cover. 4,557,574, 12-10-85, Cl. 354-288.000.
- Kohno, Atsuo: *See—*
  - Ohmura, Hiroshi; Kohno, Atsuo; Shiiba, Minoru; and Tanaka, Tsutomu, 4,493,542, Cl. 354-82.000.
- Kohno, Hideki: *See—*
  - Suzuki, Atsushi; Yamada, Hiromichi; Uchida, Yoko; Kohno, Hideki; and Yoshida, Minoru, 4,492,869, Cl. 250-367.000.
  - Yamamoto, Etsuji; Sekihara, Kensuke; Kohno, Hideki; and Yamamoto, Shinji, 4,558,425, Cl. 364-555.000.
- Kohno, Masashi: *See—*
  - Fukuoka, Shinsuke; Chono, Masazumi; Watanabe, Tomonari; and Kohno, Masashi, 4,547,322, Cl. 260-453.00P.
- Kohno, Michinaga; Sugimoto, Koichi; and Nakagawa, Yasuo, to Hitachi, Ltd. Part feeding and assembling system. 4,527,326, 7-9-85, Cl. 29-705.000.
- Kohno, Michinaga: *See—*
  - Sugimoto, Noboru; Matsumoto, Yoshio; Takahashi, Michio; Kohno, Michinaga; and Sakaue, Shiyuki, 4,507,046, Cl. 414-735.000.
- Kohno, Seiji, to Kabushiki Kaisha Tajima Seisakusho. Cutter for wall papers. 4,501,069, 2-26-85, Cl. 30-293.000.
- Kohno, Tadashi: *See—*
  - Shimizu, Takahiko; Fukui, Hishao; and Kohno, Tadashi, 4,525,092, Cl. 401-265.000.
- Kohno, Takashige: *See—*
  - Osawa, Tadao; Nakagawa, Toru; Okumura, Masamitsu; Kohno, Takashige; and Sakuma, Tokihiko, 4,532,904, Cl. 123-439.000.
- Kohno, Takeshi; Haruki, Kazuhito; and Nagase, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Postal matter sorting apparatus. 4,503,977, 3-12-85, Cl. 209-564.000.
- Kohno, Takeshi; and Usui, Seiji, to Horiba, Ltd. Flow through type glass electrode. 4,556,473, 12-3-85, Cl. 204-409.000.
- Kohno, Takeshi: *See—*
  - Haruki, Kazuhito; Kohno, Takeshi; and Nagase, Yasuo, 4,507,739, Cl. 364-478.000.
  - Horii, Tetsuo; and Kohno, Takeshi, 4,494,655, Cl. 209-569.000.
- Kohno, Tsuguo; Yoshida, Yoshitaro; Tenjinbayashi, Koji; and Okazaki, Yuichi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Diamond turning method for high-precision metal mirror. 4,561,333, 12-31-85, Cl. 82-1.00C.
- Kohno, Yoshihiko: *See—*
  - Soma, Masafumi; and Kohno, Yoshihiko, 4,523,289, Cl. 364-569.000.
- Kohri, Kitijiro: *See—*
  - Kambara, Koji; Misawa, Kazuo; Honda, Mikio; Matsui, Koichi; and Kohri, Kitijiro, 4,507,115, Cl. 604-135.000.
- Kohri, Naomichi; Fukuda, Yutaka; and Muramatsu, Hiroshi, to Victor Company of Japan, Ltd. Wheel-driven mode switching mechanism for cassette tape recorders. 4,495,535, 1-22-85, Cl. 360-96.300.
- Kohrn, Robert C., to Uniroyal, Inc. Method of making reduced noise positive drive power transmission system. 4,512,834, 4-23-85, Cl. 156-138.000.
- Kohs, Dwight W., to AT&T Information Systems Inc. Single parity bit generation circuit. 4,538,271, 8-27-85, Cl. 371-49.000.
- Kohs, Dwight W.: *See—*
  - Hartmann, Philip W.; Kohs, Dwight W.; Spencer, Douglas A.; and Turnbow, Garry V., 4,510,596, Cl. 370-58.000.
- Kohsaka, Hideo; Sasaki, Mitsuru; and Ishiguri, Yukio, to Sumitomo Chemical Company, Limited. Phosphoramidothionates and fungicidal use. 4,522,817, 6-11-85, Cl. 514-95.000.
- Kohsaka, Hideo; Mitsuru, Sasaki; and Ishiguri, Yukio, to Sumitomo Chemical Company, Limited. Phosphoramidothionates. 4,522,942, 6-11-85, Cl. 514-95.000.
- Kohsaka, Hiroji: *See—*
  - Amimoto, Hiroyuki; and Kohsaka, Hiroji, 4,555,931, Cl. 73-23.000.
- Kohsaka, Masanobu: *See—*
  - Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.
- Kohshin Seimitsu Kikai Kabushiki Gaisha: *See—*
  - Hirose, Tomonao, 4,492,173, Cl. 112-240.000.
  - Hirose, Tomonao, 4,548,145, Cl. 112-240.000.
- Kohsiek, Cord H., to U.S. Philips Corporation. Voltage-current converter having reference resistor spread compensation. 4,550,262, 10-29-85, Cl. 307-260.000.
- Kohtaki, Takaaki: *See—*
  - Kubo, Yoichiro; Kohtaki, Takaaki; and Oura, Kiyomori, 4,510,293, Cl. 525-338.000.
- Kohyama, Katsuhisa; Matsuno, Akira; and Tsuruhara, Kenji, to Mitsubishi Chemical Industries Limited. Process for producing polycarbonate resin particles. 4,546,172, 10-8-85, Cl. 528-491.000.
- Kohyama, Mitsuaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Developing device. 4,508,052, 4-2-85, Cl. 118-651.000.
- Kohyama, Mitsuaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Developing apparatus. 4,515,106, 5-7-85, Cl. 118-651.000.
- Kohyama, Mitsuaki; and Toshimitsu, Kenshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus including a cleaning blade and drum lubricant. 4,519,698, 5-28-85, Cl. 355-15.000.
- Kohzai, Tetsuo: *See—*
  - Terayama, Fusaji; Kohzai, Tetsuo; and Murai, Naoyuki, 4,523,685, Cl. 212-247.000.
- Kohzai, Yoshinori; Fujioka, Yoshiki; and Ota, Naoto, to Fanuc Ltd. System for stopping spindle at commanded position. 4,501,999, 2-26-85, Cl. 318-632.000.
- Kohzato, Yasuo: *See—*
  - Sugiura, Susumu; and Kohzato, Yasuo, 4,533,928, Cl. 346-140.00R.
- KOI Associates: *See—*
  - Knepshield, William R.; Ogletree, David D.; and Sander, Nat, 4,499,898, Cl. 128-305.000.
- KOI Associates, Inc.: *See—*
  - Knepshield, William R.; Ogletree, David D.; and Sander, Nat, 4,538,356, Cl. 33-185.00R.
- Koibuchi, Shigeru: *See—*
  - Ishimaru, Toshiaki; Tsukada, Katsushige; Hayashi, Nobuyuki; Koibuchi, Shigeru; and Isobe, Asao, 4,499,163, Cl. 430-5.000.
  - Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.
- Koichi, Yasushi, to Ricoh Company, Ltd. Method of forming images of sensor patterns in effecting image density control of electrophotographic copying apparatus. 4,551,005, 11-5-85, Cl. 355-8.000.
- Koichi, Yasushi: *See—*
  - Imai, Chikara; and Koichi, Yasushi, 4,[illegible],481, Cl. 355-3.0DD.
- Koide, Akio, to Janome Sewing Machine Industry Co., Ltd. Clutch for sewing machine thread winding mechanism. 4,522,140, 6-11-85, Cl. 112-279.000.
- Koide, Hiroshi, to Toyota Jidosha Kabushiki Kaisha. Apparatus for supplying cooled fuel to an engine. 4,491,117, 1-1-85, Cl. 123-541.000.
- Koide, Hiroshi, to Ricoh Company, Ltd. Optical recording and playback unit. 4,555,780, 11-26-85, Cl. 369-43.000.
- Koide, Hiroshi: *See—*
  - Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, 4,546,749, Cl. 123-506.000.
  - Shinoda, Kazuo; Miyaki, Masahiko; Masuda, Akira; and Koide, Hiroshi, 4,505,240, Cl. 123-357.000.
  - Waki, Masahiko; Umezawa, Seiji; Takasugi, Tsuneji; Koide, Hiroshi; and Kasai, Takao, 4,496,248, Cl. 368-280.000.
- Koide, Kazunari: *See—*
  - Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.
- Koide, Kazuo: *See—*
  - Kita, Yukio; Koide, Kazuo; and Horikoshi, Kouki, 4,514,501, Cl. 435-251.000.
- Koide, Masaru, to Nissan Motor Company, Limited. Vehicle suspension with lateral member. 4,515,391, 5-7-85, Cl. 280-690.000.
- Koide, Mikio: *See—*
  - Aoyagi, Juuro; Ichikawa, Toshiji; Koide, Mikio; and Shimomura, Takeshi, 4,560,720, Cl. 524-288.000.
- Koide, Tatsushi: *See—*
  - Inaba, Kohji; Sasatani, Seiei; Koide, Tatsushi; and Nanya, Tamio, 4,552,751, Cl. 424-19.000.
- Koide, Teruhiko: *See—*
  - Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, 4,556,177, Cl. 242-107.40A.
- Koide, Tsuyoshi; Maruyama, Toshio; and Tsujiuchi, Toshio, to Toyoda Koki Kabushiki Kaisha. Cam grinding machine. 4,497,140, 2-5-85, Cl. 51-101.00R.
- Koide, Tsuyoshi; Shimizu, Norihiko; Komatsu, Yuichiro; and Maruyama, Toshio, to Toyoda Koki Kabushiki Kaisha. Method of forming cam by grinding. 4,528,781, 7-16-85, Cl. 51-281.00C.
- Koide, Tsuyoshi; and Maruyama, Toshio, to Toyoda Koki Kabushiki Kaisha. Dressing device for grinding wheels. 4,530,187, 7-23-85, Cl. 51-165.870.
- Koike, Akihiko: *See—*
  - Yamato, Akihiro; and Koike, Akihiko, 4,508,084, Cl. 123-492.000.
- Koike, Eishi, to Ozen Corporation. Simplified sound-reproducing device having an external output shaft. 4,524,437, 6-18-85, Cl. 369-67.000.
- Koike, Eishi, to Ozen Corporation. Simple acoustic playback device for a record having plurality of recording grooves. 4,541,085, 9-10-85, Cl. 369-65.000.
- Koike, Eishi, to Ozen Corporation. Simplified sound reproducing device. 4,547,873, 10-15-85, Cl. 369-65.000.
- Koike, Hideharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Self-substrate-bias circuit device. 4,491,746, 1-1-85, Cl. 307-296.00R.
- Koike, Hideharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Reference voltage circuit for obtaining a constant voltage irrespective of the fluctuations of a power supply voltage. 4,499,416, 2-12-85, Cl. 323-303.000.

Koike, Hideharu, to Tokyo Shibaura Denki Kabushiki Kaisha. AND-OR logic circuit including a feedback path. 4,501,977, 2-26-85, Cl. 307-469.000.

Koike, Hideharu, to Tokyo Shibaura Denki Kabushiki Kaisha. MOSFET Logical circuit with increased noise margin. 4,532,439, 7-30-85, Cl. 307-450.000.

Koike, Hideharu, to Tokyo Shibaura Denki Kabushiki Kaisha. 4-Phase clock generator. 4,554,465, 11-19-85, Cl. 307-269.000.

Koike, Hidemi: *See*—
- Sakudo, Noriyuki; Abe, Katsunobu; Tokiguchi, Katsumi; Koike, Hidemi; and Okada, Osami, 4,543,465, Cl. 219-121.0PD.

Koike, Hiroshi; Takeuchi, Shuhei; and Miyajima, Mikio, to Alps Electric Co., Ltd. Serial electric printer using single unidirectional motor. 4,551,033, 11-5-85, Cl. 400-308.000.

Koike, Hiroshi: *See*—
- Izumi, Hiroshi; and Koike, Hiroshi, 4,529,923, Cl. 318-696.000.

Koike, Hiroyuki: *See*—
- Sato, Yasunobu; Fukumi, Hiroshi; Koike, Hiroyuki; and Kitahara, Nobuaki, 4,495,188, Cl. 514-260.000.

Koike, Ichiro, to Jidosha Kiki Co., Ltd. Flow control valve. 4,546,786, 10-15-85, Cl. 137-117.000.

Koike, Katuo: *See*—
- Kirita, Kei; and Koike, Katuo, 4,496,843, Cl. 250-426.000.

Koike, Kazumi: *See*—
- Aoki, Fujio; and Koike, Kazumi, 4,544,097, Cl. 239-126.000.

Koike, Keiichi: *See*—
- Kamohara, Hideaki; Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,518,514, Cl. 252-70.000.
- Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,561,493, Cl. 165-10.000.

Koike, Kengo: *See*—
- Yoshida, Hiroshi; Koike, Kengo; Shimano, Shizuo; Nakagawa, Taizo; and Ohmori, Kaoru, 4,500,536, Cl. 514-397.000.

Koike, Masao: *See*—
- Nakajima, Taiji; Togawa, Tsuneo; and Koike, Masao, 4,542,031, Cl. 426-307.000.

Koike, Matsuhiro: *See*—
- Masuda, Teruo; Abe, Takeo; and Koike, Matsuhiro, 4,498,477, Cl. 128-378.000.

Koike, Mikio: *See*—
- Hanyu, Susumu; Hara, Kazumasa; and Koike, Mikio, 4,542,706, Cl. 112-229.000.

Koike, Mitsuhiro: *See*—
- Sakuragi, Toshio; Nakayama, Kazuo; Sato, Masaaki; and Koike, Mitsuhiro, 4,554,835, Cl. 73-640.000.

Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, to Fuji Photo Film Co., Ltd. Photosensitive plate for lithographic printing plate. 4,511,645, 4-16-85, Cl. 430-276.000.

Koike, Naomasa; and Hiraishi, Shigetoshi, to Mitsubishi Paper Mills, Ltd. Thermosensitive recording sheet. 4,507,671, 3-26-85, Cl. 346-216.000.

Koike, Norio; Ito, Takeo; Watanabe, Shingo; and Ikari, Kunihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Water soluble photoresist composition with bisazide, diazo, polymer and silane. 4,491,629, 1-1-85, Cl. 430-176.000.

Koike, Norio; Tsukada, Toshihisa; Baji, Toru; and Sasano, Akira, to Hitachi, Ltd. Color solid-state imager. 4,500,915, 2-19-85, Cl. 358-44.000.

Koike, Norio; Takemoto, Iwao; Ohba, Shinya; Masuhara, Toshiaki; and Kubo, Masaharu, to Hitachi, Ltd. Solid-state imaging device. 4,514,766, 4-30-85, Cl. 358-213.000.

Koike, Norio; Ohba, Shinya; and Masuhara, Toshiaki, to Hitachi, Ltd. CCD Type solid-state imaging device. 4,559,550, 12-17-85, Cl. 357-24.000.

Koike, Norio: *See*—
- Tamatani, Masaaki; Tsuda, Nobuyuki; Koike, Norio; and Ajiro, Sakae, 4,518,985, Cl. 358-60.000.

Koike, Shinkichi: *See*—
- Yamauchi, Takashi; Maruhashi, Shigeaki; Koike, Shinkichi; and Yamada, Keizo, 4,525,209, Cl. 75-51.500.

Koike, Shoji: *See*—
- Kanekiyo, Kazue; Kobayashi, Masatsune; Yokoyama, Yasumasa; Eida, Tsuyoshi; Komori, Tomoko; and Koike, Shoji, 4,505,749, Cl. 106-20.000.
- Kobayashi, Masatsune; Eida, Tsuyoshi; Koike, Shoji; Yokoyama, Yasumasa; and Komori, Tomoko, 4,557,761, Cl. 106-22.000.

Koike, Shunji. Pocket for garments. 4,499,612, 2-19-85, Cl. 2-250.000.

Koike, Takaharu; and Taira, Akio, to Olympus Optical Co., Ltd. Microscope tube system. 4,547,047, 10-15-85, Cl. 350-514.000.

Koike, Takahisa, to Ricoh Company, Ltd. Charge-controlled ink-jet printing method and apparatus. 4,555,710, 11-26-85, Cl. 346-1.100.

Koike, Takashi; and Sugiura, Hajime, to Fujitsu Limited. Disk system. 4,494,215, 1-15-85, Cl. 364-900.000.

Koike, Tatsuhiro, to Nippon Gakki Seizo Kabushiki Kaisha. Tone pattern identifying system. 4,506,580, 3-26-85, Cl. 84-1.010.

Koike, Tatsuhiro: *See*—
- Kozuki, Koichi; and Koike, Tatsuhiro, 4,538,500, Cl. 84-462.000.

Koike, Tetuo: *See*—
- Koyanagi, Yuzo; Koike, Tetuo; Suzuki, Takayuki; and Shiozaki, Tadakazu, 4,527,531, Cl. 123-501.000.

Koike, Yasuhiro: *See*—
- Ohtsuka, Yasuji; Koike, Yasuhiro; and Yoshida, Motoaki, 4,521,351, Cl. 264-1.500.

Koiki, Eishi, to Ozen Corporation. Simplified record player capable of automatically housing reproducing stylus upon removal of record disc from the record player. 4,498,160, 2-5-85, Cl. 369-63.000.

Koine, Richard, to Rheinmetall GmbH. Arming sets for weapons system. 4,494,440, 1-22-85, Cl. 89-33.040.

Koinuma, Toyoji: *See*—
- Obitsu, Masamichi; Hori, Takahiro; Koinuma, Toyoji; and Sakaguchi, Yuriko, 4,521,2[illegible]9, Cl. 106-[illegible]2.000.

Koinuma, Yutaka; Ikenoya, Yasuo; and Hayashi, Akira, to Honda Giken Kogyo Kabushiki Kaisha. Cooling system. 4,546,843, 10-15-85, Cl. 180-229.000.

Koinuma, Yutaka: *See*—
- Osaki, Kiyoshi; and Koinuma, Yutaka, 4,527,518, Cl. 123-90.230.

Koishi, Kenji; Yoshida, Tomio; Satoh, Isao; and Ohara, Shunji, to Matsushita Electric Industrial Co., Ltd. Optical data recording and reproducing apparatus. 4,546,462, 10-8-85, Cl. 369-53.000.

Koishi, Kenji: *See*—
- Ohara, Shunji; Yoshida, Tomio; Satoh, Isao; and Koishi, Kenji, 4,509,156, Cl. 369-54.000.
- Satoh, Isao; Yoshida, Tomio; Harigae, Shunji; and Koishi, Kenji, 4,523,304, Cl. 369-32.000.
- Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,535,439, Cl. 369-275.000.
- Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,545,044, Cl. 369-32.000.

Koiso, Yasuhiko; Ohtsuka, Kenji; and Yahara, Shigeo, to Japan Pionics Co., Ltd. Heat generating body. 4,516,564, 5-14-85, Cl. 126-263.000.

Koitabashi, Takeo; Matsuzaka, Syoji; Hotta, Yuji; and Iwata, Masatoshi, to Konishiroku Photo Industry Co., Ltd. Photosensitive silver halide emulsion. 4,514,491, 4-30-85, Cl. 430-567.000.

Koitabashi, Takeo: *See*—
- Matsuzaka, Syoji; Koitabashi, Takeo; Haga, Yoshihiro; Suzuki, Akio; and Shiozawa, Hiroaki, 4,497,895, Cl. 430-569.000.

Koitabashi, Toshimitsu: *See*—
- Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.

Koito Manufacturing Company Limited: *See*—
- Makita, Hiroyuki, 4,503,486, Cl. 362-61.000.

Koito, Miyoko: *See*—
- Koito, Toshio; Koito, Tetsuo; and Koito, Miyoko, 4,516,586, Cl. 131-246.000.

Koito Seisakusho Co., Ltd.: *See*—
- Sakuma, Toranosuke, 4,494,420, Cl. 74-479.000.
- Wakimizu, Yukio, 4,547,838, Cl. 362-211.000.

Koito, Tetsuo: *See*—
- Koito, Toshio; Koito, Tetsuo; and Koito, Miyoko, 4,516,586, Cl. 131-246.000.

Koito, Toshio; Koito, Tetsuo; and Koito, Miyoko, to Yugen-gaisha Koito-Seisakusho; Yugen-gaisha Koito-Seimitsu; and Yugen-gaisha Koito-Denki. Reamer for pipe. 4,516,586, 5-14-85, Cl. 131-246.000.

Koivula, Jorma, to Oy Tampella AB. Cog-belt-driven, noise-suppressed power transmission device. 4,545,778, 10-8-85, Cl. 474-153.000.

Koivunen, Erkki A., to General Motors Corporation. Dual input clutch transmission. 4,513,631, 4-30-85, Cl. 74-360.000.

Koivunen, Erkki A., to General Motors Corporation. Continuously variable transmission. 4,539,866, 9-10-85, Cl. 74-665.0GE.

Koivunen, Erkki A., to General Motors Corporation. Centrifugal pressure compensator for a variable drive pulley. 4,552,545, 11-12-85, Cl. 474-16.000.

Koivunen, Erkki A.: *See*—
- Borman, August H.; and Koivunen, Erkki A., 4,514,147, Cl. 417-288.000.

Koivunen, Timo T.: *See*—
- Blomquist, Seppo I.; Saarela, Markku T.; Pouru, Hannu J.; Nyman, Bror G.; Lindroos, Kaj-Henrik; Koivunen, Timo T.; and Fugleberg, Sigmund P., 4,526,650, Cl. 156-642.000.

Koiwa, Atsushi: *See*—
- Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.

Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, to Kajima Kensetsu Kabushiki Kaisha. Heat storage trough. 4,522,254, 6-11-85, Cl. 165-34.000.

Koizumi, Hajime: *See*—
- Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.

Koizumi, Haruyuki; Kitao, Zenichi; and Sato, Hideki, to Omron Tateisi Electronics Co. Push button switch. 4,532,393, 7-30-85, Cl. 200-159.00R.

Koizumi, Haruyuki: *See*—
- Atsumi, Haruo; and Koizumi, Haruyuki, 4,510,355, Cl. 200-47.000.
- Kitao, Zenichi; and Koizumi, Haruyuki, 4,495,391, Cl. 200-153.00J.

Koizumi, Hideaki, to Hitachi, Ltd. Apparatus capable of measurement of profile of emission line spectrum. 4,504,145, 3-12-85, Cl. 356-300.000.

Koizumi, Hideaki, to Hitachi, Ltd. Light source for producing atomic spectral line. 4,562,376, 12-31-85, Cl. 313-34.000.

Koizumi, Hideo: *See*—
- Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki, 4,514,234, Cl. 148-11.50P.
- Fukuhara, Yoshio; and Koizumi, Hideo, 4,531,227, Cl. 378-144.000.

Koizumi, Koichi: *See—*

Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, 4,528,074, Cl. 204-16.000.

Yoshioka, Junichi; Koizumi, Koichi; Kanai, Akira; and Shiba, Kazuo, 4,523,410, Cl. 51-166.00R.

Koizumi, Kouichi: *See—*

Shiba, Kazuo; Takahashi, Masao; Kanai, Akira; and Koizumi, Kouichi, 4,504,048, Cl. 269-71.000.

Koizumi, Masuo: *See—*

Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.

Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.

Koizumi, Michio; Iwata, Yasuo; and Ohsawa, Seiichi, to Citizen Watch Co., Ltd. Paper feed apparatus for shuttle printer. 4,527,921 7-9-85, Cl. 400-618.000.

Koizumi, Mitsuyoshi: *See—*

Akiyama, Nobuyuki; and Koizumi, Mitsuyoshi, 4,541,715, Cl. 356-237.000.

Kenbo, Yukio; Akiyama, Nobuyuki; Koizumi, Mitsuyoshi; and Kuni, Asahiro, 4,504,045, Cl. 269-21.000.

Koizumi, Naohiko: *See—*

Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, 4,495,409, Cl. 250-211.00J.

Koizumi, Naoko: *See—*

Hirosawa, Toshio; Ohki, Masaru; Miyazaki, Katuto; Kobayashi, Nobuo; and Koizumi, Naoko, 4,550,386, Cl. 364-900.000.

Koizumi, Nobuyuki: *See—*

Yamaguchi, Yutaka; Koizumi, Nobuyuki; Hirano, Masami; Araki, Tamio; and Kojima, Koichi, 4,518,023, Cl. 152-361.0FP.

Koizumi, Noriaki: *See—*

Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, 4,492,757, Cl. 435-280.000.

Koizumi Sangyo Co., Ltd.: *See—*

Yoshinaga, Sadao; Tajiri, Yoshinobu; and Mashine, Hiroyoshi, 4,502,465, Cl. 126-409.000.

Koizumi, Satoru; Furuhara, Hiroshi; and Teshima, Daisuke, to Sharp Kabushiki Kaisha. Tape recorder with two recording/playing mechanisms. 4,551,775, 11-5-85, Cl. 360-74.100.

Koizumi, Takashi: *See—*

Tanaka, Yoshio; Nishikawa, Yasuhisa; Hasumi, Ryoichi; and Koizumi, Takashi, 4,532,818, Cl. 74-10.330.

Koizumi, Takayuki: *See—*

Shima, Ichiji; Teshima, Hiroshi; Koizumi, Takayuki; and Usami, Teruo, 4,493,042, Cl. 364-507.000.

Koizumi, Yukihisa: *See—*

Tamai, Masayoshi; Iyoda, Tetsuo; and Koizumi, Yukihisa, 4,510,504, Cl. 346-75.000.

Tamai, Masayoshi; Iyoda, Tetsuo; and Koizumi, Yukihisa, 4,516,134, Cl. 346-75.000.

Koizumi, Yutaka, to Ricoh Company, Ltd. Toner powder collection device. 4,505,577, 3-19-85, Cl. 355-15.000.

Koizumi, Yutaka: *See—*

Watanabe, Takashi; Ozawa, Masakazu; Koizumi, Yutaka; and Matsumoto, Haruyuki, 4,539,569, Cl. 346-140.00R.

Kojak, Alexander T.: *See—*

Frissora, Anthony P.; and Kojak, Alexander T., 4,502,528, Cl. 164-463.000.

Kojicic, Bozidar. Double walled screen-filter with perforated joints. 4,526,230, 7-2-85, Cl. 166-236.000.

Kojima, Akihiro: *See—*

Sakamoto, Yasuhiro; Saita, Koji; and Kojima, Akihiro, 4,504,764, Cl. 313-403.000.

Kojima, Akikazu; and Kamiya, Shigeru, to Nippon Soken, Inc. Exhaust gas cleaning device for internal combustion engine. 4,558,565, 12-17-85, Cl. 60-286.000.

Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, to Sony Corporation; Seiren Co., Ltd.; and Asahi Kasei Kogyo Kabushiki Kaisha. Textile for clothes. 4,547,423, 10-15-85, Cl. 428-315.500.

Kojima, Akira: *See—*

Ichikawa, Yasunori; Yamaguchi, Shigeru; Kojima, Akira; and Fujiwara, Kazuhiko, 4,539,139, Cl. 252-314.000.

Kojima, Atsuyuki: *See—*

Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki, 4,493,846, Cl. 424-308.000.

Kojima, Gendai: *See—*

Tatematsu, Hiroyuki; Kusakabe, Haruhiko; Takaki, Masamitsu; Kojima, Gendai; and Miyamoto, Sigeru, 4,531,555, Cl. 139-429.000.

Kojima, Hidetaka; Horikawa, Takeshi; and Kagotani, Masahiro, to Daicel Chemical Industries, Ltd.; and Kuraray Co., Ltd. Process for treating hydroformylation catalyst. 4,537,997, 8-27-85, Cl. 568-454.000.

Kojima, Hiroaki: *See—*

Narisawa, Shigeyuki; Funaki, Masahiko; Kojima, Hiroaki; and Kuga, Kazuhiko, 4,525,491, Cl. 521-174.000.

Kojima, Hiroshige: *See—*

Hasegawa, Akio; and Kojima, Hiroshige, 4,550,080, Cl. 435-212.000.

Kojima, Hirotaka: *See—*

Adachi, Kiyoshi; Uehara, Masaru; Kitagawa, Hiroshi; Kojima, Hirotaka; and Sato, Masaaki, 4,514,965, Cl. 53-553.000.

Kojima, Hisao. Sound arresting device. 4,533,015, 8-6-85, Cl. 181-280.000.

Kojima, Ichiro; Komiya, Kouji; Sato, Hiroshi; and Oguchi, Yutaka, to Nippon Oil Co., Ltd. Process for producing vitamin B_{12} by the fermentation technique, and vitamin B_{12}-producing microorganism. 4,544,633, 10-1-85, Cl. 435-86.000.

Kojima, Ikuzo: *See—*

Yamada, Makoto; Kubota, Tatsushi; and Kojima, Ikuzo, 4,518,173, Cl. 280-806.000.

Kojima, Junpei: *See—*

Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, 4,504,637, Cl. 526-119.000.

Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, 4,514,512, Cl. 502-107.000.

Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, 4,533,706, Cl. 526-119.000.

Shiga, Akinobu; Kakugo, Masahiro; Kojima, Junpei; and Wakatsuki, Kizuku, 4,551,501, Cl. 525-88.000.

Shiga, Akinobu; Sasaki, Toshio; Kojima, Junpei; and Nunose, Akira, 4,554,264, Cl. 502-112.000.

Kojima, Katsuhiko; Tanaka, Toyomi; and Nakajima, Shigeo, to Nakajima Seisakusho Co., Ltd. Filling method of particulate material into valved packing bag and apparatus employed therefor. 4,498,509, 2-12-85, Cl. 141-10.000.

Kojima, Kazuhisa: *See—*

Kakogawa, Genjiro; Hasuo, Masayoshi; Suga, Yoshinori; and Kojima, Kazuhisa, 4,507,450, Cl. 526-128.000.

Kojima, Kazuo; Yamahira, Hitoshi; and Oeda, Yoshitaka, to Kanzaki Paper Manufacturing Co., Ltd. Method for the production of a heat-sensitive record material. 4,539,225, 9-3-85, Cl. 427-150.000.

Kojima, Keiichi: *See—*

Nagasaki, Shoji; Kojima, Keiichi; and Ueno, Keiji, 4,540,597, Cl. 427-44.000.

Kojima, Kenji, to Mitsubishi Denki Kabushiki Kaisha. Detecting circuit. 4,550,338, 10-29-85, Cl. 358-20.000.

Kojima, Kenji: *See—*

Hiroi, Kazuo; and Kojima, Kenji, 4,516,929, Cl. 431-12.000.

Kojima, Kiyoteru: *See—*

Hashimoto, Kiyoyasu; Murata, Akira; Kojima, Kiyoteru; Nakamatzu, Toshio; and Takeshita, Akira, 4,529,406, Cl. 8-691.000.

Kojima, Koichi: *See—*

Amemiya, Shigeo; and Kojima, Koichi, 4,496,745, Cl. 549-215.000.

Yamaguchi, Yutaka; Koizumi, Nobuyuki; Hirano, Masami; Araki, Tamio; and Kojima, Koichi, 4,518,023, Cl. 152-361.0FP.

Kojima, Masakatu, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for producing monocrystalline silicon. 4,497,777, 2-5-85, Cl. 422-249.000.

Kojima, Masamitsu: *See—*

Sumiyoshi, Kikuo; Sato, Eiji; Kojima, Masamitsu; Izumi, Masayoshi; and Miyasaka, Kingo, 4,547,434, Cl. 428-609.000.

Kojima, Masanori: *See—*

Sagara, Kikuo; and Kojima, Masanori, 4,532,555, Cl. 358-310.000.

Kojima, Masaru: *See—*

Mochida, Shigeru; Kojima, Masaru; and Kitagawa, Jun, 4,556,543, Cl. 422-171.000.

Kojima, Noboru; Watatani, Yoshizumi; Arai, Takao; Hoshino, Takashi; and Shibuya, Toshifumi, to Hitachi, Ltd. Magnetic recording and/or reproducing apparatus. 4,491,880, 1-1-85, Cl. 360-19.100.

Kojima, Noboru: *See—*

Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.

Shibata, Akira; Komatsu, Keiichi; Kuroyanagi, Tomomitsu; and Kojima, Noboru, 4,524,380, Cl. 358-316.000.

Shibata, Akira; Kojima, Noboru; and Kuroyanagi, Tomomitsu, 4,554,596, Cl. 358-330.000.

Kojima, Ryuji; and Yazaki, Akiko, to Parker Chemical Company. Test method for phosphate coatings. 4,533,639, 8-6-85, Cl. 436-2.000.

Kojima, Satoru, to Coret & Company, Ltd.; and Machine Engineering Co., Ltd. Vice for fishhook. 4,508,328, 4-2-85, Cl. 269-236.000.

Kojima, Seiji: *See—*

Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.

Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.

Kojima, Shigeru: *See—*

Ueda, Akiyoshi; Nagasaki, Humiko; Takakura, Yutaka; and Kojima, Shigeru, 4,532,363, Cl. 568-424.000.

Kojima, Shigezo: *See—*

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Tsuyama, Setsuya; Kurihara, Kazuhiko; and Yazawa, Hiroshi, 4,499,639, Cl. 28-282.000.

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Kurihara, Kazuhiko; and Yazawa, Hirosi, 4,525,317, Cl. 264-235.800.

Kojima, Shozo: *See—*

Okabe, Shinsei; Komatsu, Hiroshi; Hamaji, Yukio; Kojima, Shozo; and Kato, Yoshiharu, 4,537,865, Cl. 501-135.000.

Kojima, Shuichi, to Nissan Motor Company, Limited. Warp let-off mechanism of weaving machine. 4,552,186, 11-12-85, Cl. 139-100.000.

Kojima, Susumu: *See—*

Mori, Yoshikazu; Kojima, Susumu; and Kobayashi, Osamu, 4,513,880, Cl. 221-260.000.

Kojima, Tadashi: *See—*

Nagumo, Masahide; Inagawa, Jun; and Kojima, Tadashi, 4,498,175, Cl. 371-37.000.

Nishikawa, Meisei; Nakamura, Yukio; and Kojima, Tadashi, 4,495,474, Cl. 331-11.000.

Nishikawa, Meisei; Nagumo, Masahide; and Kojima, Tadashi, 4,502,024, Cl. 332-9.00R.

Kojima, Takaaki: *See—*

Koshizuka, Kunihiro; Matsuzaka, Syoji; and Kojima, Takaaki, 4,542,094, Cl. 430-569.000.

Kojima, Takemasa; Tabata, Kengo; Yanaki, Toshio; and Mitani, Mitsuaki, to Kaken Pharmaceutical Co. Ltd.; and Taito Co., Ltd. Method for a specific depolymerization of a polysaccharide having a rod-like helical conformation. 4,505,757, 3-19-85, Cl. 127-36.000.

Kojima, Takeshi: *See—*

Harada, Hajime; and Kojima, Takeshi, 4,530,365, Cl. 128-696.000.

Kojima, Takuo; and Ishibashi, Kuniaki, to Fuji Photo Optical Co., Ltd. Method and apparatus for restoring the light transmittance of an image-transmitting optical fiber bundle used in a fiber optic endoscope. 4,523,806, 6-18-85, Cl. 350-96.250.

Kojima, Tamotsu; Miura, Masayoshi; and Oda, Gen, to Matsushita Electric Industrial Co., Ltd. Ink supply system for nonimpact printers. 4,527,175, 7-2-85, Cl. 346-140.00R.

Kojima, Tatsuji: *See—*

Kajiwara, Toshiyuki; and Kojima, Tatsuji, 4,537,057, Cl. 72-243.000.

Kojima, Teiryo: *See—*

Negishi, Takao; and Kojima, Teiryo, 4,513,565, Cl. 57-236.000.

Negishi, Takao; Kojima, Teiryo; and Tomiita, Kazuo, 4,523,428, Cl. 57-288.000.

Kojima, Tetsuhiko: *See—*

Sugimori, Shigeru; and Kojima, Tetsuhiko, 4,502,974, Cl. 252-299.630.

Sugimori, Shigeru; Kojima, Tetsuhiko; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,534,883, Cl. 252-299.630.

Sugimori, Shigeru; Kojima, Tetsuhiko; Goto, Yasuyuki; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, 4,536,321, Cl. 252-299.630.

Sugimori, Shigeru; and Kojima, Tetsuhiko, 4,548,731, Cl. 252-299.630.

Kojima, Tetsuro: *See—*

Ishiguro, Shoji; Mifune, Hiroyuki; Fuseya, Yoshiharu; and Kojima, Tetsuro, 4,528,264, Cl. 430-609.000.

Sugimoto, Naohiko; and Kojima, Tetsuro, 4,551,420, Cl. 430-505.000.

Kojima, Toshitada, to Sanyo Electric Co., Ltd. Electronically controlled cooking apparatus. 4,499,357, 2-12-85, Cl. 219-10.55B.

Kojima, Yasuhiko: *See—*

Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, 4,533,547, Cl. 424-122.000.

Kojima, Yasumichi: *See—*

Imaizumi, Mamoru; and Kojima, Yasumichi, 4,553,860, Cl. 400-68.000.

Kojima, Yasuo; and Sasa, Nobumasa, to Konishiroku Photo Industry Co., Ltd. Photopolymerizable compositions and image-forming materials using said compositions. 4,542,088, 9-17-85, Cl. 430-273.000.

Kojima, Yasuo; and Shimada, Fumio, to Konishiroku Photo Industry Co., Ltd. Heat mode recording material and a recording method by the use thereof. 4,547,456, 10-15-85, Cl. 430-330.000.

Kojima, Yoshihiko: *See—*

Suzuki, Michihiko; Kawaguchi, Katsukiyo; and Kojima, Yoshihiko, 4,505,946, Cl. 427-29.000.

Kojima, Yoshihiro: *See—*

Hori, Takashi; Ueda, Sanae; and Kojima, Yoshihiro, 4,518,807, Cl. 568-716.000.

Kojima, Yoshinori: *See—*

Hori, Michimasa; Hirano, Hideo; Kojima, Yoshinori; and Yuda, Jiro, 4,558,993, Cl. 417-283.000.

Kojima, Yuichi: *See—*

Odaka, Kentaro; Sako, Yoichiro; Kojima, Yuichi; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,562,578, Cl. 371-40.000.

Kojiro, Daniel R.: *See—*

Carle, Glenn C.; Kojiro, Daniel R.; and Humphry, Donald E., 4,538,066, Cl. 250-374.000.

Kojiro, Tetsuya; and Takeda, Jun, to Mitsubishi Denki Kabushiki Kaisha. Penetration assembly for bringing an optical fiber cable through a vessel wall. 4,553,812, 11-19-85, Cl. 350-96.200.

Kojo, Hidehiko; and Akimoto, Koji, to Asahi Denka Kogyo K.K. Anticorrosive coating composition. 4,530,947, 7-23-85, Cl. 523-450.000.

Kojo, Hidehiko; and Akimoto, Koji, to Asahi Denka Kogyo K.K. Coating composition. 4,535,103, 8-13-85, Cl. 523-450.000.

Kojo, Hidehiko; Akimoto, Koji; and Urihara, Kazuhiro, to Asahi Denka Kogyo K.K. Coating composition. 4,560,732, 12-24-85, Cl. 525-481.000.

Kok, Johannes A. G.: *See—*

Apontoweil, Peter; and Kok, Johannes A. G., 4,537,768, Cl. 424-89.000.

Kok, Paul, to International Business Machines Corporation. High power chip cooling device and method of manufacturing same. 4,535,841, 8-20-85, Cl. 165-185.000.

Kokabu, Rihei, to Kabushiki Kaisha Ishida Koki Seisakusho. Hopper in combinatorial weighing apparatus. 4,545,446, 10-8-85, Cl. 177-108.000.

Kokado, Akira: *See—*

Fujii, Toshinobu; and Kokado, Akira, 4,550,065, Cl. 429-105.000.

Kokado, Hiroshi: *See—*

Miyakawa, Nobuhiro; Kokado, Hiroshi; and Inoue, Eiichi, 4,557,856, Cl. 252-500.000.

Nakatani, Kaname; Hanna, Junichi; and Kokado, Hiroshi, 4,536,461, Cl. 430-58.000.

Kokado, Masayuki: *See—*

Suzuki, Hirokazu; and Kokado, Masayuki, 4,546,272, Cl. 307-455.000.

Kokai, Katsuaki; and Ohta, Takeo, to Nippon Steel Corporation. Process for producing a grain-oriented electromagnetic steel strip or sheet. 4,500,366, 2-19-85, Cl. 148-111.000.

Kokaji, Norio, to Iwatsu Electric Co., Ltd. Magnetic printing machine employing a multi-channel recording head with minimal cross-talk with secondary scanning head movement. 4,513,326, 4-23-85, Cl. 358-301.000.

Kokaji, Norio; and Kinoshita, Kunio, to Iwatsu Electric Co., Ltd. Method for forming a latent image and apparatus for carrying out the same. 4,518,970, 5-21-85, Cl. 346-74.200.

Kokaji, Norio; and Kinoshita, Kunio, to Iwatsu Electric Co., Ltd. Magnetic recording apparatus with adjustable line density. 4,536,773, 8-20-85, Cl. 346-74.200.

Kokaji, Norio: *See—*

Kinoshita, Kunio; and Kokaji, Norio, 4,525,725, Cl. 346-74.500.

Kokaku, Yuuichi; Kitoo, Makoto; and Honda, Yoshinori, to Hitachi, Ltd. Method for forming fine multilayer resist patterns. 4,560,641, 12-24-85, Cl. 430-312.000.

Kokaku, Yuuichi: *See—*

Kitoo, Makoto; Honda, Yoshinori; and Kokaku, Yuuichi, 4,529,651, Cl. 428-336.000.

Kokan Kikai Kogyo Kabushiki Kaisha: *See—*

Yoshihara, Tetsuya, 4,498,611, Cl. 222-599.000.

Kokawa, Katsuzo: *See—*

Ogino, Toshiro; and Kokawa, Katsuzo, 4,511,327, Cl. 431-201.000.

Koke, Eric J. Hair brush with cleaning feature. 4,517,703, 5-21-85, Cl. 15-246.000.

Koken Co., Ltd.: *See—*

Kasai, Shunji; Akaike, Toshihiro; and Miyata, Teruo, 4,559,304, Cl. 435-240.000.

Kobayashi, Takahide, 4,512,108, Cl. 51-101.0LG.

Koki, Sasaki: *See—*

Toshimasa, Kuroda; Akio, Kimura; Takumi, Horiuchi; Koki, Sasaki; and Terukuni, Ikuta, 4,534,164, Cl. 57-290.000.

Kokiso, Masakazu: *See—*

Seimiya, Ryubun; Tarumi, Noriyoshi; Kokiso, Masakazu; and Tsuchiya, Hiroshi, 4,511,622, Cl. 428-323.000.

Kokkas, Achilles G.: *See—*

Jastrzebski, Lubomir L.; Ipri, Alfred C.; and Kokkas, Achilles G., 4,530,149, Cl. 29-571.000.

Kokken, Johannes E.: *See—*

de Willigen, Hans C.; and Kokken, Johannes E., 4,555,148, Cl. 308-6.00R.

Kokogawa Hokushin Electric Corporation: *See—*

Hanaoka, Yuzuru; Murayama, Takeshi; Muramoto, Setsuo; and Matsuura, Tamizo, 4,533,518, Cl. 422-70.000.

Kokoku Rubber Industrial Company Limited: *See—*

Honda, Kazuhiro; and Kuramochi, Hiroshi, 4,533,604, Cl. 428-521.000.

Monma, Masayuki; and Kuramochi, Hiroshi, 4,529,539, Cl. 252-518.000.

Kokoszka, John J.: *See—*

Bennett, James G., Jr.; Tungate, Freddie L.; and Kokoszka, John J., 4,503,272, Cl. 568-804.000.

Kokrhanek, Vladimiro, to Industria & Moda di A. Pesek. Method and apparatus for decorating articles utilizing hot stamping presses. 4,542,691, 9-24-85, Cl. 101-114.000.

Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, to Laurel Bank Machine Co., Ltd. Device for securely holding stacked bank notes for use in an automatic money depositing and disbursing machine. 4,511,133, 4-16-85, Cl. 271-3.100.

Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, to Laurel Bank Machine Co., Ltd. Device for swinging accumulating wheel for use in automatic money depositing and disbursing machine. 4,513,958, 4-30-85, Cl. 271-187.000.

Kokubo, Eiichi; Arikawa, Junichi; Goi, Kowichi; and Imura, Shinichi, to Laurel Bank Machine Co., Ltd. Note transfer mechanism in automatic money depositing and disbursing machine. 4,517,451, 5-14-85, Cl. 235-379.000.

Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, to Laurel Bank Machine Co., Ltd. Device for locking front cover of bank note container box for use in automatic money depositing and disbursing machine. 4,527,845, 7-9-85, Cl. 312-215.000.

Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, to Laurel Bank Machine Co., Ltd. Device for opening and closing push cover of note container box for use in automatic money depositing and disbursing machine. 4,552,354, 11-12-85, Cl. 271-163.000.

Kokubo, Eiichi: *See—*

Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.

Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.

Kokubo, Ichiro; Kirihara, Shigeki; Sakai, Hirohiko; and Iwai, Masatoshi, to Kabushiki Kaisha Kobe Seiko Sho. Double-layer electroplated steel article with corrosion resistance after painting and wet adhesion of paint film. 4,491,623, 1-1-85, Cl. 428-658.000.

Kokubo, Masahiro: *See—*

Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, 4,513,166, Cl. 585-832.000.

Kokubo, Shozo: *See—*

Toda, Shozo; Yasuda, Kenji; and Kokubo, Shozo, 4,525,276, Cl. 210-433.200.

Kokubo, Tadayoshi: *See—*

Ikeda, Tadashi; Kuwabara, Kenichi; Yamamuro, Kiyohiko; and Kokubo, Tadayoshi, 4,551,424, Cl. 430-588.000.

Kitaguchi, Hiroshi; Itoh, Isamu; Fujiwara, Itsuo; Nozawa, Yasushi; and Kokubo, Tadayoshi, 4,546,075, Cl. 430-617.000.

Kokubo, Takashi: *See—*

Numata, Kiyoshi; Yoshida, Toshihiro; and Kokubo, Takashi, 4,556,283, Cl. 350-117.000.

Kokubo, Toshiyuki: *See—*

Kawai, Kiyoshi; Kokubo, Toshiyuki; and Miyoshi, Yoshihiro, 4,556,648, Cl. 502-112.000.

Kokubu, Kyoichiro: *See—*

Ito, Kathuhiko; Sugii, Hiroshi; Takata, Yukito; and Kokubu, Kyoichiro, 4,526,765, Cl. 423-306.000.

Kokubu, Sadao; Hirano, Masatoshi; and Sakakibara, Takao, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Timer circuit. 4,555,743, 11-26-85, Cl. 361-196.000.

Kokubu, Tatsuo: *See—*

Matsueda, Rei; Yabe, Yuichiro; Yamazaki, Mitsuo; Kokubu, Tatsuo; and Hiwada, Kunio, 4,548,926, Cl. 514-19.000.

Kokubun, Kenichi: *See—*

Doi, Hideaki; Kokubun, Kenichi; Sakagami, Teruo; and Murayama, Naohiro, 4,504,631, Cl. 525-327.300.

Kokubun, Yoshihiro: *See—*

Washizuka, Syoichi; Ushizawa, Jisaburo; Kokubun, Yoshihiro; and Fukuda, Tsuguo, 4,539,067, Cl. 156-601.000.

Kokufukata, Seigo; and Sekido, Tetsuya, to Victor Company of Japan, Ltd. Temperature compensation circuit in a pickup tube device. 4,494,145, 1-15-85, Cl. 358-163.000.

Kokuryo, Yoshiro, to Hitachi, Ltd.; and Hitachi Denshi Kabushiki Kaisha. Method and device for controlling the phase of timing signal. 4,535,295, 8-13-85, Cl. 328-155.000.

Kokuryo, Yoshiro: *See—*

Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.

Kokusai Denshin Denwa Co., Ltd.: *See—*

Iwamoto, Yoshinao; Shirasaki, Yuichi; Fujise, Masayuki; and Asakawa, Kenichi, 4,544,233, Cl. 350-96.200.

Izawa, Toshio; Iwamoto, Yoshinao; Shirasaki, Yuichi; and Asakawa, Kenichi, 4,492,492, Cl. 405-160.000.

Yamaguchi, Hirohisa; Yamada, Kazuo; and Miyasato, Tsutomu, 4,536,745, Cl. 340-347.0DD.

Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, 4,537,530, Cl. 405-160.000.

Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Suzuki, Shizuo; Sirasaki, Yuichi; and Asakawa, Kenichi, 4,540,942, Cl. 324-326.000.

Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, 4,527,279, Cl. 375-114.000.

Kokusai Denshin Denwa Kabushiki Kaisha: *See—*

Akiba, Shigeyuki; Sakai, Kazuo; Utaka, Katsuyuki; and Matsushima, Yuichi, 4,506,367, Cl. 372-45.000.

Akiba, Shigeyuki; Utaka, Katsuyuki; Sakai, Kazuo; and Matsushima, Yuichi, 4,553,239, Cl. 372-50.000.

Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, 4,505,540, Cl. 350-96.200.

Hasuike, Kazuo; Konishi, Kazunori; and Kurematsu, Akira, 4,504,868, Cl. 358-280.000.

Konishi, Kazunori; and Kurematsu, Akira, 4,511,758, Cl. 178-2.00B.

Matsumoto, Shuichi; Hatori, Yoshinori; Murakami, Hitomi; and Yamamoto, Hideo, 4,546,386, Cl. 358-136.000.

Sakaguchi, Haruo; Seki, Norio; Yamamoto, Shu; and Okada, Akira, 4,523,802, Cl. 350-96.120.

Tanaka, Shinsuke; Tanaka, Fujio; Nagao, Yasuyuki; Imamura, Nobutake; and Ota, Chuichi, 4,559,573, Cl. 360-131.000.

Tatekura, Koichi; Yamamoto, Hitoshi; Nunokawa, Makoto; and Ejiri, Yoshihiro, 4,506,947, Cl. 350-96.210.

Utaka, Katsuyuki; Sakai, Kazuo; and Akiba, Shigeyuki, 4,516,243, Cl. 372-96.000.

Watanabe, Fumio; Mizuguchi, Yoshihiko; and Yamada, Matsuichi, 4,516,128, Cl. 343-761.000.

Watanabe, Tatsuo; Ohkawa, Michihisa; and Mizuno, Toshio, 4,553,086, Cl. 324-57.00N.

Yamazaki, Yasuhiro; and Endo, Toshiaki, 4,511,213, Cl. 358-261.000.

Yato, Fumihiro; Kitayama, Seishi; and Kurematsu, Akira, 4,516,259, Cl. 381-36.000.

Kokusan Denki Co., Ltd.: *See—*

Nanjo, Hirotoshi; Satou, Hiroo; and Takahashi, Osamu, 4,520,778, Cl. 123-352.000.

Kokusan Kinzoku Kogyo Kabushiki Kaisha: *See—*

Kobayashi, Satoru; Masaki, Mikio; Sakuno, Hideaki; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,516,415, Cl. 70-252.000.

Masaki, Mikio; Nara, Etuo; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,495,786, Cl. 70-186.000.

Mochida, Haruo; Nakakooji, Hiroshi; and Namazue, Hirotoshi, 4,492,959, Cl. 340-825.560.

Kolaczewski, Mitchell S.: *See—*

Senyek, Michael L.; and Kolaczewski, Mitchell S., 4,559,374, Cl. 523-348.000.

Kolada, Paul P.: *See—*

Knapp, Scott R.; and Kolada, Paul P., 4,554,690, Cl. 4-601.000.

Kolar, Karel: *See—*

Skvara, Frantisek; Kolar, Karel; Zadak, Zdenek; Friml, Zdenek; and Novotry, Jaroslay, 4,551,176, Cl. 106-90.000.

Kolb, Alfred. Projection table for an optical projection pattern grinding machine. 4,524,521, 6-25-85, Cl. 33-1.0AA.

Kolb, Alfred. Optical projection profile-grinding machine. 4,557,077, 12-10-85, Cl. 51-165.720.

Kolb, Eugen, to Dr. Ing. h.c.F. Porsche AG. Installation for fastening a lower edge area of a top cover at a rear frame of a motor vehicle. 4,491,361, 1-1-85, Cl. 296-107.000.

Kolb, Gunter, deceased (by Kolb, Ingeborg, heiress); Tork, Leo; and Hohne, Wolfgang, to Bayer Aktiengesellschaft. Formulations and their use for pigmenting and/or delustring dressing agents for leather and leather imitations. 4,510,302, 4-9-85, Cl. 526-264.000.

Kolb, Gustav: *See—*

Tenberg, Werner; and Kolb, Gustav, 4,544,140, Cl. 266-99.000.

Kolb, Ingeborg, heiress: *See—*

Kolb, Gunter, deceased; Tork, Leo; and Hohne, Wolfgang, 4,510,302, Cl. 526-264.000.

Kolb, Peter J., to South African Inventions Development Corporation. Device for guiding a surgical needle into a blood vessel. 4,527,569, 7-9-85, Cl. 128-660.000.

Kolb, William F. Paint roller apparatus with inherent cleaning capability. 4,545,395, 10-8-85, Cl. 134-115.00R.

Kolbas, Robert M., to Honeywell Inc. Method of fabricating emitter/detector-in-a-well for the integration of electronic and optoelectronic components. 4,532,694, 8-6-85, Cl. 29-569.00L.

Kolbe, James R., to Xerox Corporation. Removable processing cartridge for electrostatographic reproducing apparatus. 4,544,260, 10-1-85, Cl. 355-3.0BE.

Kolbe, Klaus; Hellmann, Walter; Krajec, Otmar; Schikowsky, Hartmut; and Vetter, Heinz, to Rohm GmbH. Method of making a gastight multiple-walled plastic panel. 4,515,648, 5-7-85, Cl. 156-196.000.

Kolbl, Fritz: *See—*

Rock, Siegfried; Rainer, Hans-Peter; Herzog, Reinhold; Wertitsch, Werner; Kromus, Gunter; and Kolbl, Fritz, 4,558,638, Cl. 98-88.100.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. N-Acyl phosphoric triamide urease inhibitors urea based fertilizer compositions. 4,517,003, 5-14-85, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. Aminophenol urease inhibitors and urease inhibited urea based fertilizer compositions. 4,517,005, 5-14-85, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. Urease inhibited urea based fertilizer compositions. 4,528,020, 7-9-85, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; Hendrickson, Larry L.; and Van Der Puy, Michael, to Allied Corporation. N-Aliphatic and N,N,-aliphatic phosphoric triamide urease inhibitors and urease inhibited urea based fertilizer compositions. 4,530,714, 7-23-85, Cl. 71-28.000.

Kolc, Jaroslav F.: *See—*

Anello, Louis G.; Van Der Puy, Michael; Hendrickson, Larry L.; Rogic, Milorad M.; Swerdloff, Michael D.; and Kolc, Jaroslav F., 4,517,002, Cl. 71-28.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,004, Cl. 71-28.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,007, Cl. 71-28.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,518,413, Cl. 71-28.000.

Swerdloff, Michael D.; Van Der Puy, Michael; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,539,037, Cl. 71-28.000.

Van Der Puy, Michael; Kolc, Jaroslav F.; Anello, Louis G.; Hendrickson, Larry L.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,537,614, Cl. 71-28.000.

Van Der Puy, Michael; Hendrickson, Larry L.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,540,428, Cl. 71-28.000.

Kolchin, Sergei P.: *See—*

Bondar, Ljudmila S.; Okunev, Rostan A.; Polezhaev, Lev V.; Kolchin, Sergei P.; Cherkasova, Ljudmila V.; and Nikolaeva, Lilia F., 4,495,201, Cl. 514-560.000.

Kolchinsky, Abel E.; and Kazi, Shaukat A., to Imperial Clevite Inc. Solenoid valve. 4,526,340, 7-2-85, Cl. 251-38.000.

Kolchinsky, Abel E.; and Kazi, Shaukat A., to Imperial Clevite Inc. Solenoid valve. 4,540,154, 9-10-85, Cl. 251-129.150.

Kolchinsky, Abel E.; and Kazi, Shaukat A., to Imperial Clevite Inc. Cartridge solenoid valve with manual override. 4,544,128, 10-1-85, Cl. 251-30.010.

Kolde, Richard A.: *See*—
- Hennekes, Daniel M.; Kolde, Richard A.; and Suica, David E., 4,512,709, Cl. 414-729.000.

Kolecki, Jerzy W. Power unit for hang-gliders. 4,546,938, 10-15-85, Cl. 244-66.000.

Kolecki, Ronald E., to Atlantic Richfield Company. Lubricant removal system for a cold rolling mill. 4,552,003, 11-12-85, Cl. 72-38.000.

Kolesar, Edward S., Jr., to United States of America, Air Force. Electronic nerve agent detector. 4,549,427, 10-29-85, Cl. 73-23.000.

Kolesinski, Henry S.; and Taylor, Lloyd D., to Polaroid Corporation. Compositions and articles containing polymeric vinyl aromatic aminimides. 4,548,981, 10-22-85, Cl. 524-555.000.

Koleske, Joseph V.; Peacock, Glenn S.; and Kwiatkowski, George T., to Union Carbide Corporation. Magnetic recording medium. 4,555,449, 11-26-85, Cl. 428-411.100.

Kolesnikova, Nina I.: *See*—
- Motov, David L.; Tjurkina, Ljudmila P.; Godneva, Maria M.; Kolesnikova, Nina I.; Yakusheva, Galina G.; Ivanovich, Metelkin A., deceased; and Fedorovna, Chibisova N., administrator, 4,504,271, Cl. 8-94.250.

Koletzki, Ulrich: *See*—
- Papst, Georg; Wrobel, Guenter; and Koletzki, Ulrich, 4,513,812, Cl. 165-80.00B.

Kolff, Willem J., to University of Utah. Artificial heart valve made by vacuum forming technique. 4,510,628, 4-16-85, Cl. 3-1.500.

Kolganov, Gennady S.: *See*—
- Mizin, Vladimir G.; Zubarev, Alexei G.; Kolganov, Gennady S.; Volkov, Stanislav S.; Rudnev, Jury A.; Ivashina, Evgeny N.; Blinov, Konstantin A.; and Jugov, Petr I., 4,557,758, Cl. 75-51.200.

Kolhi, Martti, to Allmanna Ingenjorsbyrån AB. Method and apparatus for drying and/or pre-heating lump material, for example scrap metal. 4,528,761, 7-16-85, Cl. 34-35.000.

Kolinsky, Jiri: *See*—
- Flegel, Martin; Pospisek, Jan; Picha, Josef; Pichova, Drahomira; Krojidlo, Milan; and Kolinsky, Jiri, 4,512,923, Cl. 260-112.5LH.
- Flegel, Martin; Krojidlo, Milan; Kolinsky, Jiri; Masek, Karel; and Seifert, Jaroslav, 4,515,715, Cl. 260-112.50R.

Kolitsky, Norman: *See*—
- Barchechat, Shlomo; and Kolitsky, Norman, 4,545,363, Cl. 126-285.00B.

Kolk, Stephen B., to Steelcase Inc. Furniture article with edge molding. 4,558,553, 12-17-85, Cl. 52-829.000.

Koll, Eugene A., to Champion International Corporation. Round top rimming machine. 4,526,527, 7-2-85, Cl. 425-90.000.

Kollanyi, Miklos J., to GTE Lenkurt Incorporated. Overvoltage protection circuit for power supply. 4,513,341, 4-23-85, Cl. 361-91.000.

Kollberg, Sten, to ASEA Aktiebolag. Continuous casting mold stirring. 4,495,984, 1-29-85, Cl. 164-468.000.

Kollberg, Sten: *See*—
- Eriksson, Jan Erik; Karlsson, Mats; Kollberg, Sten; and Mansson, Bengt, 4,541,472, Cl. 164-504.000.

Kollbrunner, Tony: *See*—
- Komauer, Christian; Spinnler, Fritz; and Kollbrunner, Tony, 4,529,060, Cl. 181-227.000.

Koller, Ernst. Rack formed of a plurality of profiled bars. 4,556,148, 12-3-85, Cl. 211-189.000.

Koller, James P.: *See*—
- Durkee, David B.; Koller, James P.; and Wentzel, Robert M., 4,516,140, Cl. 346-140.00R.

Koller, Josef: *See*—
- Puntener, Alois; and Koller, Josef, 4,507,125, Cl. 8-437.000.

Koller, Joseph A., to Balax, Inc. Hole sizing tool. 4,539,832, 9-10-85, Cl. 72-118.000.

Koller, Markus: *See*—
- Sawatzki, Harry L.; Koller, Markus; and Schaedler, Hansjorg, 4,538,301, Cl. 2-2.000.

Koller, Otto: *See*—
- Pochmarski, Luzian; Koller, Otto; and Abendstein, Karl, 4,525,211, Cl. 75-58.000.

Koller, Paul L.: *See*—
- Hideg, Laszlo; Koller, Paul L.; and Samson, Rogelio G., 4,526,152, Cl. 123-478.000.

Koller, Rudolf: *See*—
- Horler, Hansulrich; and Koller, Rudolf, 4,496,252, Cl. 384-215.000.

Koller, Thomas J., to Tektronix, Inc. Simplified paper loading mechanism. 4,511,235, 4-16-85, Cl. 355-1.000.

Koller, Wilhelm J.; and Vogel, Horst, to International Standard Electric Corporation. System for deriving precise instants of triggering of a pulsed device. 4,492,961, 1-8-85, Cl. 343-7.300.

Kollman, Gerald E., to Rohm and Haas Company. Herbicidal compositions. 4,508,559, 4-2-85, Cl. 71-83.000.

Kollmannsberger, Otto; and Schmid, Martin, to Steinbock GmbH. Switching circuit for supervising the degree of wear of commutator-contacting carbon brushes. 4,542,374, 9-17-85, Cl. 340-648.000.

Kollmar, Ulrich: *See*—
- Bachmann, Heinrich; and Kollmar, Ulrich, 4,515,519, Cl. 414-680.000.

Kollmeier, Hans-Joachim; and Langenhagen, Rolf-Dieter, to Th. Goldschmidt AG. Process for the production of rigid polyurethane foams. 4,529,743, 7-16-85, Cl. 521-112.000.

Kollmer, Hans P.: *See*—
- Traunecker, Werner; Frolke, Wilhelm; Kreuzer, Heinrich; and Kollmer, Hans P., 4,499,106, Cl. 514-603.000.

Kollmeyer, Willy D., to Shell Oil Company. 2-Cyano-tetrahydrofuran-5-methanols. 4,493,936, 1-15-85, Cl. 549-474.000.

Kollmeyer, Willy D.; and Brown, Thomas L., to Shell Oil Company. Oxaspiro alkane and alkene ether herbicides. 4,525,201, 6-25-85, Cl. 71-76.000.

Kollmeyer, Willy D., to Shell Oil Company. Beta-imidazolyl-alpha-(trifluoromethyl)ethenyl phosphates and insecticidal and miticidal use. 4,551,447, 11-5-85, Cl. 514-94.000.

Kollmeyer, Willy D.: *See*—
- Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., 4,542,244, Cl. 568-825.000.
- Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., 4,554,366, Cl. 549-463.000.

Kollmorgen Technologies Corporation: *See*—
- Boesewetter, Chester C.; Langley, Lawrence W.; and Mabie, John H., 4,498,636, Cl. 242-1.10R.
- Brown, Gerald W., 4,551,646, Cl. 310-242.000.
- Crook, James C., 4,532,461, Cl. 318-254.000.
- Danz, George E.; and Shuler, C. Calvin, 4,543,520, Cl. 318-807.000.
- Dickerson, Ray, 4,541,575, Cl. 242-703.000.
- England, Thomas R., 4,538,080, Cl. 310-154.000.
- Fisher, Robert L., 4,562,399, Cl. 322-94.000.
- Kishner, Stanley J.; and Park, Ernest D., 4,546,700, Cl. 101-211.000.
- Klein, Raymond, 4,554,460, Cl. 250-578.000.
- Langley, Lawrence W.; and Fisher, Robert L., 4,547,713, Cl. 318-254.000.
- Lassen, Charles L., 4,500,389, Cl. 156-643.000.
- Lassen, Charles L., 4,541,882, Cl. 156-150.000.
- Lassen, Charles L., 4,544,442, Cl. 156-643.000.
- Leech, Edward J.; and Russo, Frank D., 4,504,607, Cl. 523-427.000.
- Leech, Edward J.; and Russo, Frank D., 4,510,276, Cl. 523-427.000.
- Leech, Edward J., 4,522,850, Cl. 427-304.000.
- Leech, Edward J.; and Russo, Frank D., 4,551,488, Cl. 523-427.000.
- Loyzim, Robert J.; and Blythe, Michael P., 4,562,393, Cl. 318-599.000.
- Lundberg, Werner; and Winzer, Helmut, 4,529,477, Cl. 156-659.100.
- Reiss, Leon G.; and Schultz, Roy D., 4,508,988, Cl. 310-154.000.
- Semones, Burley C.; and Reiss, Leon G., 4,504,755, Cl. 310-156.000.
- Stephan, George P., 4,559,485, Cl. 318-802.000.
- Taylor, William H., 4,538,181, Cl. 358-208.000.
- Teng, Yu-Ling; and Mayernik, Richard, 4,511,597, Cl. 427-53.100.
- Teng, Yu-Ling; McCoy, Charles; DeFalco, Francis; and Mayernick, Richard, 4,533,606, Cl. 428-658.000.

Kollross, Gunter. Process and device for production of an end closure on a shirred length of tubular material, especially synthetic casing for sausage manufacture. 4,525,984, 7-2-85, Cl. 53-483.000.

Kollross, Gunter. Process and apparatus for automated manufacture of link sausages having casings formed of synthetic tubular material. 4,538,326, 9-3-85, Cl. 17-49.000.

Kolm, Eric A.; and Kolm, Henry H., to Piezo Electric Products, Inc. Heat-sensitive variable-resistance light socket insert with resilient contact. 4,549,115, 10-22-85, Cl. 315-71.000.

Kolm, Eric A.: *See*—
- Kolm, Henry H.; and Kolm, Eric A., 4,498,851, Cl. 417-322.000.
- Kolm, Henry H.; and Kolm, Eric A., 4,508,994, Cl. 315-200.00R.

Kolm, Henry H.; and Kolm, Eric A., to Piezo Electric Products, Inc. Solid state blower. 4,498,851, 2-12-85, Cl. 417-322.000.

Kolm, Henry H.; and Kolm, Eric A., to Piezo Electric Products, Inc. Heat-sensitive variable-resistance light socket insert. 4,508,994, 4-2-85, Cl. 315-200.00R.

Kolm, Henry H.: *See*—
- Kolm, Eric A.; and Kolm, Henry H., 4,549,115, Cl. 315-71.000.

Kolobow, Theodor; and Ito, Yoichiro, to United States of America, Health and Human Services. Monolithic integrated flow circuit. 4,551,251, 11-5-85, Cl. 210-635.000.

Kolodesh, Michael S.; Peters, Edward L.; and Madgett, Raymond J., to Procter & Gamble Company, The. Dough rolling apparatus for laminated cookies. 4,511,318, 4-16-85, Cl. 425-133.100.

Kolodjski, Kenneth J., to Kolodjski, Kenneth J. Constant temperature anemometer. 4,503,706, 3-12-85, Cl. 73-204.000.

Kolodjski, Kenneth J., to TSI Incorporated. Constant temperature anemometer having an enhanced frequency response. 4,523,462, 6-18-85, Cl. 73-204.000.

Kolodzey, Wolfgang: *See*—
- Langhoff, Joseph; Althoff, Erwin; Kolodzey, Wolfgang; and Gerhardus, Ulrich, 4,508,542, Cl. 48-77.000.
- Lusch, Jurgen; Heinen, Heinrich; Lieder, Bernhard; Schmidt, Volkmar; and Kolodzey, Wolfgang, 4,526,588, Cl. 48-202.000.

Kolodziej, Ronald M. Liquid back support pad for inclined surfaces. 4,561,441, 12-31-85, Cl. 128-403.000.

Kolodziejcuk, Henriette, executrix: *See*—
- DeLuccia, Victor C., deceased; DeLuccia, Nancy, executrix; Grincell, Ann, executrix; and Kolodziejcuk, Henriette, executrix, 4,502,482, Cl. 128-207.150.

Koloff, Theodora. Analgesic composition. 4,521,411, 6-4-85, Cl. 424-195.100.

Kolomiets, Alexandr S.: *See*—
- Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.;

Perepletchikov, Evgeny F.; and Ekber, Boris Y., 4,534,540, Cl. 251-203.000.

Kolondra, Frank: *See—*

Wu, Chung P.; and Kolondra, Frank, 4,560,879, Cl. 250-492.200.

Kolos, Vladimir K.: *See—*

Chachin, Viktor N.; Kolos, Vladimir K.; Botyan, Viktor V.; and Postnikov, Viktor M., 4,519,230, Cl. 72-56.000.

Kolpek, Robert A.: *See—*

Rush, Beth; Howell, Dan M.; and Kolpek, Robert A., 4,495,490, Cl. 340-709.000.

Kolstedt, Mark W.: *See—*

Semrow, Carolyn M.; Kolstedt, Mark W.; and Dunn, William J., 4,510,941, Cl. 128-671.000.

Kolt, Stanley, to Suroff, Leonard W., a part interest. Automatic damper assembly. 4,501,389, 2-26-85, Cl. 236-49.000.

Kolt, Stanley, to Suroff, Leonard W., a part interest. Thermostatic assembly. 4,507,922, 4-2-85, Cl. 60-531.000.

Kolt, Stanley, to Suroff, Leonard W., a part interest. Energy saver damper assembly. 4,520,959, 6-4-85, Cl. 236-49.000.

Kolt, Stanley, to Suroff, Leonard W., a part interest. Incrementally adjustable vent. 4,557,183, 12-10-85, Cl. 98-42.160.

Kolta, Rezso: *See—*

Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.

Soos, Rudolf; Kolta, Rezso; Zoltan, Sandor; and Tary, Maria, 4,521,612, Cl. 560-124.000.

Kolter, Martin, to Hilti Aktiengesellschaft. Device for melting and dispensing a thermoplastic adhesive. 4,546,235, 10-8-85, Cl. 219-230.000.

Kolton, Chester; and Spater, Stuart S., to B & G Plastics, Inc. Integral tag and tie. 4,512,093, 4-23-85, Cl. 40-20.00R.

Koltun, Harry M., to Arrow Container & Packaging Corp. Corner protector for containerized article. 4,496,054, 1-29-85, Cl. 206-586.000.

Kolze, Lawrence A., to Eaton Corporation. A.C. Solenoid three way pilot valve. 4,527,590, 7-9-85, Cl. 137-596.170.

Kolze, Lawrence A., to Eaton Corporation. Freeze protection valve with metal to plastic fitting design. 4,541,448, 9-17-85, Cl. 137-62.000.

Kolzer, Walter; and Reischer, Wilhelm, to Siemens Aktiengesellschaft. Circuit arrangement for an alternating control. 4,540,926, 9-10-85, Cl. 318-609.000.

Kolzer, Walter: *See—*

Ramlohr, Franz; Pohl, Werner; and Kolzer, Walter, 4,494,181, Cl. 363-63.000.

Koma, Yoshishige: *See—*

Takano, Katsuhiro; Koma, Yoshishige; Hagiwara, Masaru; and Suzuki, Shintaro, 4,497,654, Cl. 75-0.5AA.

Komabashiri, Takamichi: *See—*

Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komabashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, 4,521,289, Cl. 204-253.000.

KoMac Enterprises, Inc.: *See—*

Olas, Richard J., 4,519,893, Cl. 206-311.000.

Komada, Kenya; Yuasa, Kazuhiro; and Kondoh, Shiroh, to Ricoh Company, Ltd. Development apparatus for developing latent electrostatic images. 4,537,491, 8-27-85, Cl. 355-3.0DD.

Komada, Mitsuharu: *See—*

Yoshihara, Mitsuo; Morikawa, Yoshitada; Yamamoto, Yasuo; Komada, Mitsuharu; and Hattori, Masaaki, 4,560,713, Cl. 523-400.000.

Komagata, Hideki: *See—*

Mitomi, Takeshi; Yoshimura, Eiji; and Komagata, Hideki, 4,500,581, Cl. 428-85.000.

Shimada, Masayoshi; Komagata, Hideki; and Iizuka, Yasuhiro, 4,505,994, Cl. 429-101.000.

Komai, Hiromichi: *See—*

Ishikawa, Chuji; Iwasaki, Kyuhachiro; Horike, Masanori; and Komai, Hiromichi, 4,520,367, Cl. 346-75.000.

Komai, Kensaku: *See—*

Mochizuki, Daisuke; Ohnishi, Souichi; and Komai, Kensaku, 4,512,027, Cl. 377-16.000.

Komai, Takahiko: *See—*

Matsumura, Kaname; and Komai, Takahiko, 4,504,256, Cl. 474-250.000.

Komai, Takeshi; Matsuyama, Kazuo; and Saigo, Takuya, to Nippon Oil and Fats Co., Ltd. Copolymerized unsaturated peroxycarbonate sizing agent for treatment of glass fibers and method for treatment of glass fibers with said sizing agent. 4,533,699, 8-6-85, Cl. 525-277.000.

Komai, Takeshi: *See—*

Banno, Shigeki; and Komai, Takeshi, 4,507,432, Cl. 525-21.000.

Komaju, Shigeru: *See—*

Takagi, Masayuki; Mugiya, Hiroshi; and Komaju, Shigeru, 4,538,102, Cl. 323-349.000.

Komaki, Hiroshi: *See—*

Iemura, Takusuke; Goto, Takeshi; and Komaki, Hiroshi, 4,531,789, Cl. 312-268.000.

Komaki, Kazushige: *See—*

Yokota, Mitsuru; Fujioka, Shuji; Goshima, Tsutomu; Kenjo, Hideki; and Komaki, Kazushige, 4,548,983, Cl. 524-726.000.

Komakine, Shigeo: *See—*

Ochiai, Kuniaki; and Komakine, Shigeo, 4,537,520, Cl. 400-124.000.

Komakine, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Heat exchangers installed in fluidized beds. 4,499,944, 2-19-85, Cl. 165-104.160.

Komamura, Tawara: *See—*

Takahashi, Jiro; Komamura, Tawara; Sawada, Kiyoshi; Sasaki, Osamu; Goto, Satoshi; and Kinoshita, Akira, 4,495,261, Cl. 430-58.000.

Takahashi, Jiro; Sawada, Kiyoshi; Kinoshita, Akira; Komamura, Tawara; Goto, Satoshi; and Sasaki, Osamu, 4,537,847, Cl. 430-58.000.

Komanduri, Ranga; Ettinger, Robert H.; Casey, Morton P., Jr.; and Reed, William R., Jr., to General Electric Company. Dynamically stiffened rotary tool system. 4,515,047, 5-7-85, Cl. 82-1.00C.

Komanduri, Ranga; and Reed, William R., Jr., to General Electric Company. Cutting insert with means for simultaneously removing a plurality of chips. 4,552,492, 11-12-85, Cl. 407-114.000.

Komar, Valentina V.: *See—*

Ermolenko, Igor N.; Koshevar, Vasily D.; Nedzvetsky, Viktor S.; Savastenko, Galina N.; Siderko, Valentina M.; Kaputsky, Fedor N.; Komar, Valentina V.; and Nadievskaya, Juzefa I., 4,546,063, Cl. 430-269.000.

Komarneni, Sridhar; and Roy, Della M., to United States of America, Energy. Method of storing radioactive wastes using modified tobermorite. 4,537,710, 8-27-85, Cl. 252-628.000.

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Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, 4,516,729, Cl. 239-453.000.

Komarov, Jury Y.: *See—*

Kosolapov, Gennady M.; Revin, Alexandr A.; Komarov, Jury Y.; Umnyashkin, Vladimir A.; Kondrashkin, Alexandr S.; and Sobolev, Jury A., 4,536,041, Cl. 303-119.000.

Komathuzaki, Kiyomi: *See—*

Ito, Tosikazu; Komathuzaki, Kiyomi; Chonan, Kenichi; and Horibe, Kiyoshi, 4,515,066, Cl. 91-454.000.

Komatsu, Akihiro: *See—*

Yashima, Michio; Komatsu, Akihiro; Takanashi, Masami; Hirose, Masashi; and Nakayama, Kengo, 4,508,944, Cl. 200-61.850.

Komatsu, Akio: *See—*

Ichikawa, Akira; Komatsu, Akio; and Asakawa, Yoshiaki, 4,528,688, Cl. 381-43.000.

Komatsu, Akira, to Bodysonic Kabushiki Kaisha. Method and system for discriminating human voice signal. 4,506,379, 3-19-85, Cl. 381-46.000.

Komatsu, Akira: *See—*

Yamada, Kyota; and Komatsu, Akira, 4,495,638, Cl. 381-27.000.

Komatsu, Fumiaki; Saegusa, Kazuyuki; Seshimo, Yu; and Yamashita, Norio, to Mitsubishi Denki Kabushiki Kaisha. Cold storage and refrigeration system. 4,510,767, 4-16-85, Cl. 62-200.000.

Komatsu, Fumito. 4-Pole electric motor. 4,524,293, 6-18-85, Cl. 310-46.000.

Komatsu, Hideo; Harada, Hiroyuki; and Matsuki, Tomiji, to Toray Industries, Inc. Polyester-polyether copolymer composition. 4,555,542, 11-26-85, Cl. 524-178.000.

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Inoue, Toshihide; and Komatsu, Hideo, 4,531,009, Cl. 560-65.000.

Mizutani, Tatsumi; Ohgata, Toshihide; and Komatsu, Hideo, 4,511,429, Cl. 156-643.000.

Komatsu, Hiroshi, to Fuji Jukogyo Kabushiki Kaisha. Clutch disk for a clutch and method of treating a facing of a clutch. 4,502,581, 3-5-85, Cl. 192-70.140.

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Nishiguchi, Fumio; and Komatsu, Hiroshi, 4,544,326, Cl. 415-151.000.

Okabe, Shinsei; Komatsu, Hiroshi; Hamaji, Yukio; Kojima, Shozo; and Kato, Yoshiharu, 4,537,865, Cl. 501-135.000.

Komatsu, Isamu; Anzai, Masayasu; Hoshi, Nobuyoshi; and Akimaru, Susumu, to Hitachi, Ltd.; and Hitachi Koki Co., Ltd. Developing apparatus. 4,545,325, 10-8-85, Cl. 118-645.000.

Komatsu, Katsumi: *See—*

Kawasaki, Takao; Immaru, Daisaku; Tsuchiya, Tadashi; Yamaguchi, Yukiharu; and Komatsu, Katsumi, 4,558,059, Cl. 514-371.000.

Komatsu, Kazuhiro: *See—*

Iino, Toshiki; Kaneko, Hiromi; Takagi, Michiyuki; and Komatsu, Kazuhiro, 4,493,610, Cl. 415-104.000.

Komatsu, Kazuyuki, to Kabushiki Kaisha Daini Seikosha. Multicolor thermal transfer recorder with color detection means. 4,506,273, 3-19-85, Cl. 346-76.0PH.

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Moteki, Murato; Shimada, Yoshio; Tanaka, Fumihiro; Watanabe, Fumio; and Komatsu, Kazuyuki, 4,540,992, Cl. 346-76.0PH.

Komatsu, Keiichi: *See—*

Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.

Shibata, Akira; Komatsu, Keiichi; Kuroyanagi, Tomomitsu; and Kojima, Noboru, 4,524,380, Cl. 358-316.000.

Shibata, Akira; and Komatsu, Keiichi, 4,556,917, Cl. 358-343.000.

Terada, Toshimichi; Komatsu, Keiichi; Shibata, Akira; and Satoh, Kenji, 4,497,000, Cl. 360-70.000.

Komatsu, Michiyasu: *See—*

Tsuge, Akihiko; Komatsu, Michiyasu; Inoue, Hiroshi; and Komeya, Katsutoshi, 4,511,525, Cl. 264-65.000.

Komatsu, Nobiru: *See—*

Ohtsuki, Yuzo; Komatsu, Nobiru; Watanabe, Akira; and Saeki, Gouji, 4,497,901, Cl. 501-90.000.

Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.

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- Komatsu, Nobuhiro; Fujimoto, Minoru; Hirata, Kazuyuki; and Yamane, Makoto, to Mazda Motor Corporation. Front body construction for motor vehicle. 4,542,934, 9-24-85, Cl. 296-194.000.
- Komatsu, Osamu: *See—*
  - Ohno, Sachio; Mizukoshi, Kiyoshi; Komatsu, Osamu; Nagasaka, Mitsuaki; and Nakamura, Yoshiki, 4,496,735, Cl. 546-301.000.
- Komatsu, Shigeru; and Inoue, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device having a substrate covered with a high impurity concentration first polycrystalline layer and then a lower impurity concentration second polycrystalline layer. 4,516,147, 5-7-85, Cl. 357-59.000.
- Komatsu, Tatsuyoshi; Numata, Shigeaki; Hioki, Katsuhiko; and Sumino, Toshihiko, to Kawasaki Kasei Chemicals Ltd. Method for electrolyzing cerous sulfate. 4,530,745, 7-23-85, Cl. 204-130.000.
- Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, to Kawasaki Kasei Chemicals Ltd. Process for the preparation of quinones. 4,536,337, 8-20-85, Cl. 260-396.00R.
- Komatsu, Toshio: *See—*
  - Takahashi, Hideyuki; Komatsu, Toshio; and Inoue, Yoshiaki, 4,524,015, Cl. 252-188.280.
- Komatsu, Toshiyuki: *See—*
  - Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,507,375, Cl. 430-128.000.
  - Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,552,824, Cl. 430-64.000.
  - Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,551,405, Cl. 430-64.000.
  - Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,557,990, Cl. 430-84.000.
  - Nakagawa, Katsumi; Mochizuki, Noritaka; Komatsu, Toshiyuki; Fukaya, Masaki; and Kuno, Mitsutoshi, 4,558,357, Cl. 358-75.000.
- Komatsu, Yasuhiro: *See—*
  - Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, 4,514,573, Cl. 564-387.000.
- Komatsu, Yoshimi: *See—*
  - Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, 4,560,405, Cl. 75-12.000.
  - Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,173, Cl. 75-12.000.
  - Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,174, Cl. 75-12.000.
  - Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi, and Kondo, Tsuneo, 4,552,587, Cl. 75-12.000.
- Komatsu, Yuichiro: *See—*
  - Koide, Tsuyoshi; Shimizu, Norihiko; Komatsu, Yuichiro; and Maruyama, Toshio, 4,528,781, Cl. 51-281.00C.
  - Yamamoto, Katsumi; Komatsu, Yuichiro; and Hamada, Ikuro, 4,498,259, Cl. 51-165.710.
- Komatsu Zenoah Co.: *See—*
  - Kiyooka, Katsumi; Harada, Atsushi; and Anbo, Kiyoshi, 4,494,490, Cl. 123-41.560.
  - Kiyooka, Katsumi, 4,517,939, Cl. 123-198.00E.
- Komatsubara, Masahiro; Kamimura, Tetsuro; Inanaga, Takugi; and Takahashi, Akira, to Pioneer Electronic Corporation. Cassette tape machine. 4,527,756, 7-9-85, Cl. 242-68.300.
- Komatsubara, Masahiro: *See—*
  - Kamimura, Teturo; Komatsubara, Masahiro; Ando, Shizuo; and Inanaga, Takugi, 4,536,811, Cl. 360-96.600.
- Komatsubara, Yoshiaki; Ide, Kyozoh; and Munakata, Eiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Liquid crystal display device. 4,519,678, 5-28-85, Cl. 350-338.000.
- Komatsubara, Yoshinobu: *See—*
  - Hamada, Takeshi; and Komatsubara, Yoshinobu, 4,500,501, Cl. 423-239.000.
- Komatsuzaki, Nobuyuki; Tsubone, Masahiro; and Machida, Bon, to Sekisui Kaseihin Kogyo Kabushiki Kaisha. Polystyrene foamed sheet suitable for forming. 4,528,221, 7-9-85, Cl. 428-35.000.
- Komauer, Christian; Spinnler, Fritz; and Kollbrunner, Tony, to BBC Brown, Boveri & Company, Limited. Absorption muffler for gas-dynamic pressure-wave machines. 4,529,060, 7-16-85, Cl. 181-227.000.
- Komax Systems, Inc.: *See—*
  - King, L. Tony; and Peters, Mark W., 4,534,655, Cl. 366-137.000.
- Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, to Polyplastics Company, Ltd. Method of producing an improved polyacetal polymer. 4,540,773, 9-10-85, Cl. 528-480.000.
- Komeda, Kenichiro: *See—*
  - Hatta, Koichi, and Komeda, Kenichiro, 4,528,638, Cl. 364-709.000.
  - Sumitani, Toshihiko; and Komeda, Kenichiro, 4,511,138, Cl. 273-1.00E.
- Komeda, Tadao, to Matsushita Electric Industrial Co., Ltd. Method for formation of isolation oxide regions in semiconductor substrates. 4,493,740, 1-15-85, Cl. 148-187.000.
- Komenou, Kazunari: *See—*
  - Satoh, Yoshio; Yanase, Takeyasu; and Komenou, Kazunari, 4,561,069, Cl. 365-36.000.
- Komesker, Heinrich; and Helmes, Ludger, to Vorwerk & Co. Interholding GmbH. Floor cleaning device having a replaceable brush assembly. 4,532,667, 8-6-85, Cl. 15-49.00C.
- Komeya, Akira: *See—*
  - Yoshida, Hiroshi; Matsuda, Yoshio; and Komeya, Akira, 4,510,656, Cl. 24-390.000.
- Komeya, Katsutoshi; Tsuge, Akihiko; Inoue, Hiroshi; and Ohta, Hiroyasu, to Tokyo Shibaura Denki Kabushiki Kaisha. Highly heat-conductive ceramic material. 4,539,298, 9-3-85, Cl. 501-89.000.
- Komeya, Katsutoshi: *See—*
  - Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.
  - Tsuge, Akihiko; Komatsu, Michiyasu; Inoue, Hiroshi; and Komeya, Katsutoshi, 4,511,525, Cl. 264-65.000.
- Komeyama, Yoshihiro; and Taniguchi, Motoya, to Hitachi, Ltd. X-Ray lithographic apparatus. 4,516,254, 5-7-85, Cl. 378-34.000.
- Komeyama, Yoshihiro: *See—*
  - Taniguchi, Motoya; Ikeda, Minoru; and Komeyama, Yoshihiro, 4,492,356, Cl. 248-346.000.
- Kominami, Naoya: *See—*
  - Tsuda, Nobuaki; Kominami, Naoya; Inagaki, Kenji; and Imamiya, Tamotsu, 4,518,497, Cl. 210-259.000.
- Kominami, Yasuo; Ohkubo, Yuichi; Aizawa, Kohki; and Sasaki, Satoshi, to Hitachi, Ltd.; and Pioneer Electronic Corporation. Variable electronic impedance circuit. 4,525,636, 6-25-85, Cl. 307-264.000.
- Kominami, Yasuo: *See—*
  - Sato, Tetsuo; and Kominami, Yasuo, 4,500,932, Cl. 360-65.000.
  - Sato, Tetsuo; Kominami, Yasuo; Takizawa, Yoshiyuki, and Haeno, Akira, 4,510,458, Cl. 330-260.000.
- Komine, Hiroshi: *See—*
  - Cohn, David B.; and Komine, Hiroshi, 4,547,883, Cl. 372-25.000.
- Komine, Isamu: *See—*
  - Hasebe, Nobuhisa; Kawada, Hiroshi; and Komine, Isamu, 4,498,518, Cl. 164-416.000.
- Komine, Shigeo: *See—*
  - Kato, Mikihiko; Komine, Shigeo; Kawamata, Toshio; Morita, Kazuhiko; and Sato, Tsunehiko, 4,518,626, Cl. 427-48.000.
- Komine, Toshiaki: *See—*
  - Fukuoka, Yoshitaka; and Komine, Toshiaki, 4,517,738, Cl. 29-840.000.
- Komine, Yoshio, to Canon Kabushiki Kaisha. Video camera. 4,494,147, 1-15-85, Cl. 358-209.000.
- Komine, Yoshio, to Canon Kabushiki Kaisha. Portable video system. 4,539,601, 9-3-85, Cl. 358-335.000.
- Kominek, Leo A.; and Wolf, Holly J., to Upjohn Company, The. Process for preparing 1,2-dehydro steroids. 4,524,134, 6-18-85, Cl. 435-61.000.
- Kominiak, Andrew A.: *See—*
  - Luzzi, Glenn J.; and Kominiak, Andrew A., 4,520,229, Cl. 174-73.00R.
- Komis, Glenna. External male urinary catheter with garment. 4,553,968, 11-19-85, Cl. 604-349.000.
- Komitet po Goelogica: *See—*
  - Nenkov, Nikolay D., 4,497,382, Cl. 175-260.000.
- Komiya, Hidetsugu; and Yamazaki, Etsuo, to Fanuc Ltd. Tracer control system. 4,534,685, 8-13-85, Cl. 409-99.000.
- Komiya, Hidetsugu; and Hattori, Seiichi, to Fanuc Ltd. Memory cassette holding apparatus. 4,544,971, 10-1-85, Cl. 360-96.500.
- Komiya, Hidetsugu; Inoue, Michiya; and Saitoh, Yoshiyuki, to Fanuc Ltd. Non-polarized contactless relay. 4,554,462, 11-19-85, Cl. 307-140.000.
- Komiya, Hidetsugu: *See—*
  - Nozawa, Ryoichiro; Komiya, Hidetsugu; Kishi, Hajimu; Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,503,372, Cl. 318-560.000.
- Komiya, Kouji: *See—*
  - Kojima, Ichiro; Komiya, Kouji; Sato, Hiroshi; and Oguchi, Yutaka, 4,544,633, Cl. 435-86.000.
- Komiya, Yutaka; Kimura, Yoshimasa; and Murakami, Koichi, to Canon Kabushiki Kaisha. Image formation apparatus. 4,497,568, 2-5-85, Cl. 355-14.00R.
- Komiya, Yutaka; Murakami, Katsumi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, to Canon Kabushiki Kaisha. Related to control while apparatus is in an improper operational state. 4,557,587, 12-10-85, Cl. 355-14.00C.
- Komiya, Yutaka: *See—*
  - Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.
- Komiyama, Choji; Oishi, Kengo; Suzuki, Osamu; and Iyota, Yasumasa, to Fuji Photo Film Co., Ltd.; and Kanagafuchi Chemical Industry Co., Ltd. Magnetic tape cassette and storage case. 4,557,380, 12-10-85, Cl. 206-387.000.
- Komiyama, Choji: *See—*
  - Oishi, Kengo; Komiyama, Choji; and Suzuki, Osamu, 4,544,976, Cl. 360-132.000.
- Komiyama, Kanki: *See—*
  - Umezawa, Iwao; Komiyama, Kanki; and Takeshima, Hideo, 4,512,976, Cl. 424-122.000.
  - Umezawa, Iwao; and Komiyama, Kanki, 4,529,542, Cl. 260-112.00R.
  - Umezawa, Iwao; and Komiyama, Kanki, 4,533,548, Cl. 514-54.000.
  - Umezawa, Iwao; and Komiyama, Kanki, 4,550,021, Cl. 424-122.000.
- Komiyama, Kunihiko: *See—*
  - Itow, Koichiro; and Komiyama, Kunihiko, 4,509,953, Cl. 44-57.000.
  - Itow, Koichiro; and Komiyama, Kunihiko, 4,527,995, Cl. 44-56.000.
- Komiyama, Makoto: *See—*
  - Hirai, Hidefumi; and Komiyama, Makoto, 4,523,031, Cl. 562-475.000.

Hirai, Hidefumi; and Komiyama, Makoto, 4,523,037, Cl. 568-442.000.
Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, 4,525,180, Cl. 55-37.000.
Hirai, Hidefumi; Komiyama, Makoto; and Hara, Susumu, 4,546,094, Cl. 502-402.000.
Komiyama, Noboru; Itoi, Hiroshi; and Sano, Hiroshi, to Lion Corporation. Oral compositions. 4,512,968, 4-23-85, Cl. 424-48.000.
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Adolfsson, Bengt O., 4,509,569, Cl. 141-36[illegible].000.
Kommoss, Klaus; and Schutte, Valentin H., to U.S. Philips Corporation. Magnetic tape-cassette apparatus comprising at least two push-buttons. 4,503,476, 3-5-85, Cl. 360-137.000.
Kommoss, Klaus: *See—*
Sarges, Heidrun; Kommoss, Klaus; and Schutte, Valentin H., 4,530,252, Cl. 74-388.00R.
Komoda, Akira; Hirooka, Yasuhiro; Yoshihara, Takahisa; and Matsuda, Akira, to Kawasaki Steel Corporation. Counter flow device for electroplating apparatus. 4,500,400, 2-19-85, Cl. 204-206.000.
Komoda, Hidemi: *See—*
Yamamoto, Sakuei; Inao, Hiroshi; Nishida, Mitsuhiro; Matsushita, Matao; and Komoda, Hidemi, 4,532,446, Cl. 310-87.000.
Komoda, Norio, to Toyota Jidosha Kabushiki Kaisha. Intake device of an internal combustion engine. 4,533,012, 8-6-85, Cl. 180-68.300.
Komoda, Sei-ichi, to Hitachi, Ltd. Nuclear fuel element. 4,557,892, 12-10-85, Cl. 376-412.000.
Komoda, Takao, to Toyota Jidosha Kogyo Kabushiki Kaisha. Method for controlling ignition timing of an internal combustion engine. 4,554,900, 11-26-85, Cl. 123-418.000.
Komoda, Takao: *See—*
Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.
Komoda, Yoshiyuki: *See—*
Fukagawa, Hitoshi; Suzuki, Yoshiharu; and Komoda, Yoshiyuki, 4,556,865, Cl. 340-310.00R.
Suzuki, Yoshiharu; Fukagawa, Hitoshi; Komoda, Yoshiyuki; and Tanaka, Osamu, 4,514,719, Cl. 340-310.00R.
Komon, Koichi: *See—*
Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.
Komons, Michael; Wiseman, Donald F.; and Galanis, Andreas I., to Ebtron, Inc. Means for measuring large area mass flow. 4,494,406, 1-22-85, Cl. 73-204.000.
Komonytsky, Donald, to Storage Technology Corporation. LSI Self-test method. 4,519,078, 5-21-85, Cl. 371-25.000.
Komori, Haruyuki, to Seiko Seiki Kabushiki Kaisha. Bearing structure for an air compressor. 4,494,917, 1-22-85, Cl. 418-69.000.
Komori, Hirohito: *See—*
Taniuchi, Akira; Nishibori, Setsuo; Komori, Hirohito; and Hayashi, Motoshige, 4,530,880, Cl. 428-402.000.
Komori Printing: *See—*
Kida, Kenji, 4,535,691, Cl. 101-230.000.
Komori Printing Machinery Co., Ltd.: *See—*
Ito, Kiyoshi, 4,524,712, Cl. 118-46.000.
Kamoda, Hiroyoshi, 4,495,865, Cl. 101-415.100.
Omori, Tamotsu, 4,524,690, Cl. 101-148.000.
Sugiyama, Hiroyuki; and Ishida, Masaaki, 4,506,602, Cl. 101-230.000.
Suzuki, Yosihide, 4,524,961, Cl. 270-4.000.
Uno, Chiyomatsu, 4,499,825, Cl. 101-167.000.
Urakawa, Hidetaka; and Aoki, Toshiyuki, 4,503,772, Cl. 101-409.000.
Komori, Shigeki: *See—*
Hasebe, Nobuhisa; Kawada, Hiroshi; Yokoyama, Naoki; and Komori, Shigeki, 4,522,540, Cl. 409-293.000.
Komori, Shinichi: *See—*
Iwase, Seiichiro; and Komori, Shinichi, 4,538,172, Cl. 358-13.000.
Komori, Tomoko: *See—*
Kanekiyo, Kazue; Kobayashi, Masatsune; Yokoyama, Yasumasa; Eida, Tsuyoshi; Komori, Tomoko; and Koike, Shoji, 4,505,749, Cl. 106-20.000.
Kobayashi, Masatsune; Eida, Tsuyoshi; Koike, Shoji; Yokoyama, Yasumasa; and Komori, Tomoko, 4,557,761, Cl. 106-22.000.
Komori, Toshihisa: *See—*
Uzaki, Nagato; Komori, Toshihisa; Matui, Kazuharu; and Toyoda, Shigehiro, 4,538,665, Cl. 164-160.100.
Komori, Yoshinori: *See—*
Hayashi, Nobutaka; and Komori, Yoshinori, 4,523,236, Cl. 358-341.000.
Komoriya, Kiyoshi: *See—*
Kaneko, Makoto; Tachi, Susumu; and Komoriya, Kiyoshi, 4,558,215, Cl. 250-222.100.
Komornicki, Jacques: *See—*
Bauer, Denise; Komornicki, Jacques; and Tellier, Jacques, 4,555,343, Cl. 210-643.000.
Delourme, Raymond; Detienne, Jean-Louis; Komornicki, Jacques; and Tellier, Jacques, 4,526,696, Cl. 252-61.000.
Komoro, Hidemasa: *See—*
Yamauchi, Masaaki; Yabe, Minoru; Shirai, Shoji; Komoro, Hidemasa; and Matsuda, Kenichi, 4,498,026, Cl. 313-414.000.
Komossa, Werner: *See—*
Elsner, Uwe; and Komossa, Werner, 4,557,074, Cl. 51-5.00D.
Komoto, Akira, to Shimadzu Corporation. A-D converter for use in an electronic balance. 4,511,883, 4-16-85, Cl. 340-347.0AD.
Komoto, Akira, to Shimadzu Corporation. Display device for use in an electronic balance. 4,542,799, 9-24-85, Cl. 177-177.000.
Komoto, Akira, to Shimadzu Corporation. Electronic balance. 4,548,288, 10-22-85, Cl. 177-180.000.
Komoto, Akira: *See—*
Yano, Shozo; Komoto, Akira; and Fujinaga, Yasuhiro, 4,493,384, Cl. 177-25.000.
Komoto, Haruo: *See—*
Shinkai, Daisuke; Komoto, Haruo; and Hamada, Shigeharu, 4,497,695, Cl. 204-28.000.
Komoto, Nobuo: *See—*
Takematsu, Tetsuo; Nakaya, Mitihiko; Moriyasu, Koichi; and Komoto, Nobuo, 4,517,381, Cl. 564-207.000.
Komoto, Shinsuke, to Asahi Kogaku Kogyo Kabushiki Kaisha. Reflex zoom lens having aperture scale. 4,511,221, 4-16-85, Cl. 350-423.000.
Komoto, Tetsuo: *See—*
Etou, Kazumi; and Komoto, Tetsuo, 4,512,162, Cl. 62-298.000.
Komov, Nikolai A.: *See—*
Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., 4,491,314, Cl. 272-63.000.
Komova, Svetlana N.: *See—*
Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.
Kompanek, Harry W.; Ligman, James R.; and Plambeck, Eric D., to Sona-Tool Development Ltd. Casing tuned downhole tool. 4,512,402, 4-23-85, Cl. 166-249.000.
Kompelien, Arlon D., to Honeywell Inc. Capacitance monitoring bridge circuit for an enthalpy responsive device. 4,558,595, 12-17-85, Cl. 73-336.000.
Kompelien, Arlon D.: *See—*
Adams, John T.; and Kompelien, Arlon D., 4,562,522, Cl. 363-21.000.
Kompis, Ivan; Rey-Bellet, Gerald; and Zanetti, Guido, to Hoffmann-La Roche Inc. 2,4-diamino-5-(4-amino and 4-dimethylamino-3,5-dimethoxy benzyl)pyrimidines. 4,515,948, 5-7-85, Cl. 544-325.000.
Kompis, Ivan, to Hoffmann-La Roche Inc. Pharmaceutical compositions. 4,532,245, 7-30-85, Cl. 514-275.000.
Komukai, Chogo, to Hachinohe Kanzume Co., Ltd. Method of manufacturing food resembling scallop and food resembling scallop obtained by the same method. 4,544,561, 10-1-85, Cl. 426-104.000.
Komura, Akio: *See—*
Yamamoto, Masahiko; Nishino, Yoshinori; Komura, Akio; and Ebisu, Tomio, 4,518,556, Cl. 264-295.000.
Komura, Hirotsugu: *See—*
Yoshizawa, Kenji; Kodama, Hitoshi; Minowa, Yoshibumi; Komura, Hirotsugu; and Ito, Hiroshi, 4,498,029, Cl. 315-39.000.
Komura, Ichiroh: *See—*
Uchida, Kuniharu; Nagai, Satoshi; Komura, Ichiroh; and Hirasawa, Taiji, 4,497,210, Cl. 73-602.000.
Uchida, Kuniharu; Nagai, Satoshi; and Komura, Ichiroh, 4,545,251, Cl. 73-631.000.
Komura, Makoto: *See—*
Masuda, Isao; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Komura, Makoto, 4,509,155, Cl. 369-48.000.
Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, 4,561,083, Cl. 369-59.000.
Komura, Michihiro: *See—*
Totani, Tetsushi; Aono, Katsutoshi; and Komura, Michihiro, 4,560,781, Cl. 556-137.000.
Komura, Seiichi, to Tokyo Kogaku Kikai Kabushiki Kaisha. Support apparatus for medical appliance. 4,544,121, 10-1-85, Cl. 248-331.000.
Komura, Seiichi, to Tokyo Kogaku Kikai Kabushiki Kaisha. Medical equipment supporting device. 4,548,373, 10-22-85, Cl. 248-122.000.
Komurasaki, Satoshi; Ueda, Atsushi; Morimoto, Yoshinobu; and Kadota, Youichi, to Mitsubishi Denki Kabushiki Kaisha. Knocking control system for internal combustion engine. 4,508,079, 4-2-85, Cl. 123-425.000.
Komurasaki, Satoshi, to Mitsubishi Denki Kabushiki Kaisha. Ignition timing controller for internal combustion engine. 4,530,328, 7-23-85, Cl. 123-425.000.
Komuro, Isaku; Mori, Hideyasu; and Sano, Yoshikazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of setting operating data in a key telephone system. 4,559,417, 12-17-85, Cl. 179-99.0LS.
Komuro, Katsumi: *See—*
Ikeda, Yuuji; Abe, Hiroo; Osaka, Tadashi; and Komuro, Katsumi, 4,551,893, Cl. 29-33.00M.
Komuro, Katsusuke, to Honda Giken Kogyo Kabushiki Kaisha. Rear seat device for two-wheeled motor vehicles. 4,549,629, 10-29-85, Cl. 180-219.000.
Komuro, Yoshiyuki: *See—*
Gotah, Eizo; Tomishima, Takeshi; Tsutsumi, Tadao; and Komuro, Yoshiyuki, 4,546,171, Cl. 528-310.000.
Kon, Shigeki: *See—*
Urai, Muneharu; Abe, Tadafumi; Haraguchi, Youichirou; Hayashi, Koji; and Kon, Shigeki, 4,519,862, Cl. 156-219.000.
Kon, Tatsuya: *See—*
Uno, Hitoshi; Karasawa, Tadahiko; Kon, Tatsuya; and Ito, Tsugutaka, 4,528,299, Cl. 514-428.000.

- Kona Corporation: *See—*
  - Devellian, Richard D.; and Swenson, Paul M., 4,500,279, Cl. 425-548.000.
- Konagai, Makoto: *See—*
  - Takahashi, Kiyoshi; Konagai, Makoto; Yoshitomi, Toshihiko; and Omori, Takeshi, 4,551,575, Cl. 136-255.000.
- Konak, A. Riza, to Exxon Production Research Co. Method and apparatus for splitting two-phase flow at pipe tees. 4,522,218, 6-11-85, Cl. 137-3.000.
- Konak, A. Riza: *See—*
  - Lim, Git B.; and Konak, A. Riza, 4,518,505, Cl. 210-712.000.
- Konaka, Masami; Iwai, Hiroshi; and Nishi, Yoshio, to VLSI Technology Research Association. MOS semiconductor device and method of manufacturing the same. 4,523,213, 6-11-85, Cl. 357-23.700.
- Konaka, Yukio, to Shibuya Kogyo Co., Ltd. Method for mounting a faucet on a paper container and apparatus therefor. 4,507,168, 3-26-85, Cl. 156-379.800.
- Konan Camera Research Institute: *See—*
  - Abe, Kuniomi, 4,553,824, Cl. 351-219.000.
  - Okano, Takeshi, 4,533,253, Cl. 356-443.000.
- Konaya, Yoshikazu, to Fuji Photo Film Co., Ltd. Film storage device. 4,511,098, 4-16-85, Cl. 242-56.00R.
- Kondo, Akinobu: *See—*
  - Nakamura, Kazuharu; Tsuboi, Yoshimasa; and Kondo, Akinobu, 4,550,709, Cl. 126-96.000.
- Kondo, Asaji: *See—*
  - Katsuyama, Harumi; Amano, Yoshikazu; and Kondo, Asaji, 4,503,145, Cl. 435-16.000.
  - Sekikawa, Nobuyoshi; Katsuyama, Harumi; and Kondo, Asaji, 4,548,906, Cl. 436-113.000.
- Kondo, Fumitomo: *See—*
  - Sasaki, Tsuneo; Ohtomo, Fumio; Yokokura, Takashi; and Kondo, Fumitomo, 4,547,667, Cl. 250-231.0SE.
- Kondo, Haruyoshi; Tsukada, Koji; and Takeuchi, Masaharu, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Engine vibration sensor. 4,494,409, 1-22-85, Cl. 73-651.000.
- Kondo, Haruyoshi: *See—*
  - Takahashi, Hideaki; Hayakawa, Kiyoharu; Kondo, Haruyoshi; and Takeuchi, Takashi, 4,500,412, Cl. 204-425.000.
  - Takeuchi, Takashi; Takahashi, Hideaki; Saji, Keiichi; Kondo, Haruyoshi; and Hayakawa, Kiyoharu, 4,510,036, Cl. 204-425.000.
  - Takeuchi, Takashi; Takahashi, Hideaki; and Kondo, Haruyoshi, 4,524,264, Cl. 219-497.000.
- Kondo, Hidetoshi; and Koshii, Taro, to Toray Silicone Company, Ltd. Method for producing silicone aqueous emulsion compositions. 4,535,109, 8-13-85, Cl. 524-188.000.
- Kondo, Hideyo: *See—*
  - Hirooka, Masaaki; Toma, Hitoshi; and Kondo, Hideyo, 4,559,260, Cl. 428-215.000.
- Kondo, Hikaru, to Victor Company of Japan, Ltd. Load impedance detector for audio power amplifiers. 4,549,147, 10-22-85, Cl. 330-297.000.
- Kondo, Hiroaki: *See—*
  - Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, 4,504,208, Cl. 425-589.000.
- Kondo, Hiroatsu; Ozawa, Toshiaki; and Yamada, Yasuaki, to Canon Kabushiki Kaisha. Printing device. 4,494,886, 1-22-85, Cl. 400-208.000.
- Kondo, Hiroatsu: *See—*
  - Ueda, Hiroyuki; Yamada, Yasuaki; Ozawa, Toshiaki; Nakajima, Hiroharu; and Kondo, Hiroatsu, 4,558,965, Cl. 400-144.200.
  - Yamada, Yasuaki; Ozawa, Toshiaki; and Kondo, Hiroatsu, 4,511,830, Cl. 318-318.000.
- Kondo, Hirofumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Devices for securing fuel assemblies to nuclear reactor pressure vessels. 4,540,545, 9-10-85, Cl. 376-364.000.
- Kondo, Hirokazu; and Takino, Shigekatsu, to Tsubakimoto Chain Co. Pallet conveying system. 4,532,869, 8-6-85, Cl. 104-166.000.
- Kondo, Hiroshi; Nadamoto, Hiroyasu; and Takamatsu, Yoshikazu, to Nihon Radiator Co., Ltd. Serpentine type evaporator. 4,557,324, 12-10-85, Cl. 165-174.000.
- Kondo, Hiroshi: *See—*
  - Kaminaga, Hiromitsu; and Kondo, Hiroshi, 4,543,756, Cl. 52-284.000.
- Kondo, Hiroyuki; Yoshimura, Yoshikane; and Nomura, Yoshihisa, to Aisin Seiki Kabushiki Kaisha; and Toyota Jidosha Kabushiki Kaisha. Reservoir assembly. 4,527,709, 7-9-85, Cl. 220-22.000.
- Kondo, Hitoshi: *See—*
  - Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
- Kondo, Isamu: *See—*
  - Sako, Tomoyuki; Sawaki, Saeko; Sakurai, Toshizo; Mutai, Masahiko; and Kondo, Isamu, 4,532,211, Cl. 435-172.300.
- Kondo, Isao, to Olympus Optical Co., Ltd. Power supply unit for electronic flash. 4,530,550, 7-23-85, Cl. 315-241.00P.
- Kondo, Isao: *See—*
  - Kuriyama, Katsumi; Kondo, Isao; and Misaizu, Iwao, 4,510,186, Cl. 427-381.000.
- Kondo, Katsuya; and Tajima, Shigeru, to Sumitomo Kinzoku Kogyo Kabushiki Kaisha. Method of controlling mill motors speeds in a cold tandem mill. 4,506,197, 3-19-85, Cl. 318-34.000.
- Kondo, Kazuo; Imamura, Seiji; Saito, Shigemasa; Akimoto, Mamoru; and Sunaga, Mitsuo, to Fuji Electric Co., Ltd. Method for bonding silver-based contact. 4,523,711, 6-18-85, Cl. 228-198.000.
- Kondo, Kazuo; and Okuyama, Masahiko, to NGK Spark Plug Co., Ltd. Glass-ceramic product. 4,540,671, 9-10-85, Cl. 501-9.000.
- Kondo, Kenshi, to Nihon Den-Netsu. Printed circuit board soldering apparatus. 4,512,510, 4-23-85, Cl. 228-40.000.
- Kondo, Kenshi, to Nihon Den-Netsu Keiki Co., Ltd. Soldering apparatus. 4,530,458, 7-23-85, Cl. 228-180.100.
- Kondo, Kenshi, to Nihon Den-Netsu Keiki Co., Ltd. Apparatus for applying molten wax onto printed circuit board. 4,535,722, 8-20-85, Cl. 118-692.000.
- Kondo, Kiichi: *See—*
  - Tsuruta, Hirobumi; and Kondo, Kiichi, 4,507,383, Cl. 430-275.000.
- Kondo, Kiyohiro; Sugawara, Hiroshi; and Hasebe, Nobuyuki, to Shin-Etsu Chemical Co., Ltd. Room temperature curable silicone rubber composition. 4,562,238, 12-31-85, Cl. 528-18.000.
- Kondo, Kiyoshi; and Matsui, Kiyohide, to Sagami Chemical Research Center. Process for preparing dihalovinylcyclopropanecarboxylic acids. 4,500,733, 2-19-85, Cl. 562-506.000.
- Kondo, Kiyoshi; Takashima, Toshiyuki; and Tunemoto, Daiei, to FMC Corporation. Alkyl 6,6-dimethyl-2-oxo-3-oxabicyclo[3.1.0]hexane-1-carboxylates. 4,526,987, 7-2-85, Cl. 549-305.000.
- Kondo, Kiyosi: *See—*
  - Cruickshank, Philip A.; DiSanzo, Carmine P.; Kondo, Kiyosi; and Kono, Hiromichi, 4,514,419, Cl. 514-521.000.
  - Sakai, Kunikazu; Tunemoto, Daiei; Kobori, Takeo; and Kondo, Kiyosi, 4,540,794, Cl. 548-127.000.
- Kondo, Koichi; Iwasa, Susumu; and Yoshida, Isamu, to Takeda Chemical Industries, Ltd. Method for enzyme immunoassay and production of antibody. 4,496,658, 1-29-85, Cl. 436-510.000.
- Kondo, Koichi: *See—*
  - Iwasa, Susumu; Yoshida, Isamu; and Kondo, Koichi, 4,517,290, Cl. 435-7.000.
  - Sato, Yo; Kashiwaba, Tadao; Sakurai, Masaru; Matsuda, Yasuhiko; and Kondo, Koichi, 4,560,087, Cl. 221-73.000.
- Kondo, Kouichi; and Tamura, Tadashi, to Kabushiki Kaisha Sato. Thermal head supporting mechanism. 4,507,666, 3-26-85, Cl. 346-76.0PH.
- Kondo, Kouichi; and Oikawa, Tadahisa, to Kabushiki Kaisha Sato. Mark detector for printers. 4,531,851, 7-30-85, Cl. 400-583.300.
- Kondo, Kozo: *See—*
  - Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, 4,517,096, Cl. 210-668.000.
- Kondo, Kunimasa: *See—*
  - Kutsuna, Tomoharu; Ohtani, Shinzi; and Kondo, Kunimasa, 4,520,045, Cl. 427-294.000.
- Kondo, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Cooling structure for internal combustion engine. 4,497,285, 2-5-85, Cl. 123-41.650.
- Kondo, Makoto; Nagasaku, Eiichi; Yamamoto, Yuuji; and Taya, Tosiki, to Nippondenso Co., Ltd. Vane compressor. 4,526,524, 7-2-85, Cl. 418-255.000.
- Kondo, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Friction clutch. 4,561,855, 12-31-85, Cl. 464-47.000.
- Kondo, Makoto: *See—*
  - Itoh, Kazuhito; and Kondo, Makoto, 4,541,510, Cl. 184-6.120.
- Kondo, Masahiko: *See—*
  - Hirano, Yoshinori; Kondo, Masahiko; and Kubozuka, Takao, 4,553,505, Cl. 123-41.200.
- Kondo, Masahiro: *See—*
  - Takakuwa, Eiji; Shimizu, Kouichi; and Kondo, Masahiro, 4,502,442, Cl. 123-417.000.
- Kondo, Masatoshi: *See—*
  - Nakate, Hiroshi; Kondo, Masatoshi; and Gosho, Nobuyuki, 4,523,072, Cl. 219-67.000.
- Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, to Mitsubishi Denki Kabushiki Kaisha; and Toyota Jidosha Kabushiki Kaisha. Short circuiting transfer arc welding machine. 4,553,018, 11-12-85, Cl. 219-130.510.
- Kondo, Masayuki: *See—*
  - Minami, Masana; Kimura, Kazuaki; Kondo, Masayuki; and Sasaki, Tsuneo, 4,529,964, Cl. 340-347.00P.
- Kondo, Mikio: *See—*
  - Akiyama, Shoichi; and Kondo, Mikio, 4,551,711, Cl. 340-567.000.
- Kondo, Mitsuru; Iwasaki, Hiroshi; Kanda, Nobuo; Omatsu, Masayuki; and Omura, Haruo, to Kanzaki Paper Manufacturing Co., Ltd. Fluoran derivatives as new compounds, process for preparing the same and recording system utilizing the same as colorless chromogenic material. 4,524,373, 6-18-85, Cl. 346-221.000.
- Kondo, Mitsuru; Iwasaki, Hiroshi; Omura, Haruo; and Kanda, Nobuo, to Kanzaki Paper Manufacturing Co., Ltd. Fluoran derivatives as new compounds and recording system utilizing the same as colorless chromogenic material. 4,536,220, 8-20-85, Cl. 106-21.000.
- Kondo, Mitsuru: *See—*
  - Takahashi, Shuichi; Kondo, Mitsuru; and Yuasa, Kazuhiro, 4,539,600, Cl. 358-282.000.
  - Yuasa, Kazuhiro; Takahashi, Shuichi; and Kondo, Mitsuru, 4,496,987, Cl. 358-283.000.
- Kondo, Mitsushige; Okada, Kazuo; and Hirasawa, Kazuo, to Mitsubishi Denki Kabushiki Kaisha. Optical disc signal reproducing system with tilt immunization. 4,502,134, 2-26-85, Cl. 369-46.000.
- Kondo, Naoyoshi: *See—*
  - Sato, Jinichi; Kurusu, Toshiro; Kondo, Naoyoshi; and Tamaki, Makoto, 4,560,571, Cl. 426-594.000.
- Kondo, Ryoji; Takamura, Kozo; and Higuchi, Kanji, to Nippondenso Co., Ltd. Spark plug for internal-combustion engine. 4,540,910, 9-10-85, Cl. 313-11.500.

Kondo, Ryuji: *See—*
  Hagiwara, Takaaki; Horiuchi, Masatada; Kondo, Ryuji; Yatsuda, Yuji; and Minami, Shinichi, 4,514,830, Cl. 365-200.000.
Kondo, Shigeru: *See—*
  Kazufumi, Ogawa; Kondo, Shigeru; Yasuda, Yoshiko; Yonezawa, Taketoshi; and Kitahiro, Isamu, 4,523,102, Cl. 250-578.000.
Kondo, Shinichi: *See—*
  Umezawa, Hamao; Okami, Yoshiro; and Kondo, Shinichi, 4,499,083, Cl. 514-36.000.
  Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.
  Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.
  Umezawa, Hamao; Takeuchi, Tomio; and Kondo, Shinichi, 4,525,299, Cl. 260-112.50R.
  Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.
Kondo, Syunichi: *See—*
  Sano, Kenji; Kondo, Syunichi; and Sato, Hideo, 4,499,167, Cl. 430-83.000.
  Sano, Kenji; Kondo, Syunichi; and Sato, Hideo, 4,500,623, Cl. 430-83.000.
Kondo, Tadashige: *See—*
  Nagashima, Akira; and Kondo, Tadashige, 4,534,005, Cl. 364-505.000.
Kondo, Takao: *See—*
  Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, 4,544,511, Cl. 260-549.000.
  Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, 4,556,519, Cl. 260-549.000.
Kondo, Takashi; Sakai, Chikaaki; and Karakawa, Tadashi, to Kurashiki Boseki Kabushiki Kaisha. Process for modifying animal fibers. 4,533,359, 8-6-85, Cl. 8-128.00R.
Kondo, Takashi: *See—*
  Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, 4,513,945, Cl. 251-129.000.
Kondo, Takeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device with enlarged corners to provide enhanced punch through protection. 4,533,932, 8-6-85, Cl. 357-13.000.
Kondo, Takeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device. 4,549,198, 10-22-85, Cl. 357-42.000.
Kondo, Takeo: *See—*
  Ochii, Kiyofumi; Masuda, Masami; and Kondo, Takeo, 4,535,255, Cl. 307-264.000.
Kondo, Tatsuhei; Takabe, Noboru; and Horiba, Takeshi, to Sanyo Machine Works, Ltd. Carcinostatic agent. 4,543,350, 9-24-85, Cl. 514-18.000.
Kondo, Tatsuo; Tamura, Manabu; Tanimura, Masayuki; and Kamemura, Yoshiki, to Nippon Kokan Kabushiki Kaisha; and Japan Atomic Energy Research Institute. Austenite stainless steels having excellent high temperature strength. 4,556,423, 12-3-85, Cl. 75-125.000.
Kondo, Tomoyoshi: *See—*
  Narabayashi, Hirotaro; Kondo, Tomoyoshi; Hayashi, Akira; and Suzuki, Tomokazu, 4,497,826, Cl. 514-567.000.
Kondo, Toshihiko: *See—*
  Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, 4,524,562, Cl. 53-409.000.
Kondo, Toshio: *See—*
  Kanda, Hiroshi; Ishikawa, Isao; and Kondo, Toshio, 4,511,998, Cl. 367-11.000.
  Katagiri, Masayoshi; and Kondo, Toshio, 4,498,559, Cl. 188-1.110.
  Muramatsu, Toshihiko; Kobayashi, Akio; Kondo, Toshio; Isomura, Shigenori; and Eino, Tomomi, 4,492,202, Cl. 123-478.000.
Kondo, Tsuneo: *See—*
  Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, 4,560,405, Cl. 75-12.000.
  Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,173, Cl. 75-12.000.
  Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,174, Cl. 75-12.000.
  Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,552,587, Cl. 75-12.000.
Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, to Meiji Seika Kaisha Ltd. Antibiotic SF-2288 and its preparation method. 4,548,816, 10-22-85, Cl. 424-116.000.
Kondo, Yasuo: *See—*
  Kodama, Hideyo; Kondo, Yasuo; and Akahori, Kimihiko, 4,544,019, Cl. 164-496.000.
Kondo, Yauo: *See—*
  Fukami, Akira; Noguchi, Hiroki; and Kondo, Yauo, 4,556,171, Cl. 237-12.30B.
Kondo, Yoshiaki: *See—*
  Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, 4,513,945, Cl. 251-129.000.
Kondo, Yoshikazu: *See—*
  Kanda, Katsumi; Okamura, Takaaki; Minamigi, Takashi; Inui, Tsuneo; and Kondo, Yoshikazu, 4,517,255, Cl. 428-626.000.
  Nemoto, Tadashi; Fukumoto, Ryoichi; Kawamura, Hiroaki; Kondo, Yoshikazu; and Inui, Tsuneo, 4,508,601, Cl. 204-38.500.
Kondo, Yukio: *See—*
  Otaka, Shoichi; Kondo, Yukio; Kumada, Masayuki; Kawamoto, Hideyo; and Miura, Keiji, 4,517,951, Cl. 123-572.000.
Kondoh, Shiroh: *See—*
  Komada, Kenya; Yuasa, Kazuhiro; and Kondoh, Shiroh, 4,537,491, Cl. 355-3.0DD.
Kondoh, Takehiko; and Kitajima, Masahiko, to UBE Industries, Ltd. Precalciner for cement raw meal. 4,527,973, 7-9-85, Cl. 432-58.000.
Kondoh, Takeo: *See—*
  Takahashi, Kohki; Kondoh, Takeo; Koga, Masao; and Nishiwaki, Kenichiro, 4,517,348, Cl. 526-273.000.
Kondoleon, Anthony: *See—*
  Consales, Emanuel J.; and Kondoleon, Anthony, 4,517,744, Cl. 33-169.00C.
Kondow, Ryotaro: *See—*
  Andow, Fumio; Yamaura, Mitsuru; and Kondow, Ryotaro, 4,541,058, Cl. 364-483.000.
Kondracki, Henry C.: *See—*
  DuBrucq, Denyse C.; and Kondracki, Henry C., 4,502,487, Cl. 128-665.000.
Kondrashkin, Alexandr S.: *See—*
  Kosolapov, Gennady M.; Revin, Alexandr A.; Komarov, Jury Y.; Umnyashkin, Vladimir A.; Kondrashkin, Alexandr S.; and Sobolev, Jury A., 4,536,041, Cl. 303-119.000.
Kondratenko, Anatoly B.: *See—*
  Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.
Kondratenko, Georgy G.: *See—*
  Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.
Kone, Ali: *See—*
  Carette, Brigitte; Kone, Ali; Souquet, Jean-Louis; Ribes, Michel; and Maurin, Maurice, 4,513,070, Cl. 429-193.000.
Kone Oy: *See—*
  Jussila, Olavi, 4,503,984, Cl. 212-205.000.
  Luomanen, Asko, 4,499,645, Cl. 29-445.000.
  Makinen, Heimo; and Suur-Askola, Seppo, 4,499,972, Cl. 187-29.00R.
  Makinen, Heimo; and Suur-Askola, Seppo, 4,518,062, Cl. 187-29.00R.
  Martio, Asko; Reitmaa, Ilpo; and Lautamo, Esa, 4,498,479, Cl. 128-639.000.
  Pelto-Huikko, Raimo K.; Ahlman, Esko A. O.; and Rautimo, Pertti V., 4,553,610, Cl. 173-1.000.
Konecny, James W., to Thorsen Tool Company. Ratchet wrench of the socket drive type with socket ejector. 4,524,653, 6-25-85, Cl. 81-63.000.
Kong, Alvin M.: *See—*
  Yen, Kuo-Hsiung; Stokes, Robert B.; Lau, Kei-Fung; Kong, Alvin M.; and Kagiwada, Reynold S., 4,513,261, Cl. 333-194.000.
Kong, Pi-Chang: *See—*
  Rochon, Fernande D.; and Kong, Pi-Chang, 4,533,502, Cl. 546-8.000.
Kong, Yu-Lin: *See—*
  Monaghan, Richard L.; and Kong, Yu-Lin, 4,540,575, Cl. 424-115.000.
Kongoh, Takeshi; and Tanaka, Haruhiko, to Janome Sewing Machine Industry Co., Ltd. Electronic sewing machine. 4,532,876, 8-6-85, Cl. 112-454.000.
Kongoh, Takeshi, to Janome Sewing Machine Industry Co., Ltd. Electronic sewing machine. 4,554,880, 11-26-85, Cl. 112-454.000.
Kongs, David J.: *See—*
  Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., 4,492,507, Cl. 414-475.000.
  Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., 4,556,357, Cl. 414-469.000.
Kongskilde Koncernselskab A/S: *See—*
  Andersen, Helge H., 4,561,504, Cl. 172-142.000.
Konicek, Jiri K., to Oak Industries Inc. Printed circuit material. 4,503,112, 3-5-85, Cl. 428-216.000.
Konick, William L.: *See—*
  Overman, David L.; and Konick, William L., 4,559,419, Cl. 200-5.00R.
Konieczka, Edmund T. Table saw with multiple blade turret. 4,503,739, 3-12-85, Cl. 83-471.100.
Konietzny, Alfred: *See—*
  Zagefka, Hans-Dieter; Bartz, Wilfried; and Konietzny, Alfred, 4,496,613, Cl. 427-440.000.
Konig, Helmut, to Olympus Winter & Ibe GmbH. Insulated sleeve high frequency resectoscope. 4,506,668, 3-26-85, Cl. 128-303.150.
Konig, Hubert: *See—*
  Muller, Anton; Konig, Hubert; and Herdeg, Karl, 4,525,900, Cl. 24-68.0CT.
  Muller, Anton; Konig, Hubert; and Wolfbeis, Ludwig, 4,542,779, Cl. 152-213.00A.

- Konig, Joachim; Suling, Carlhans; and Korte, Siegfried, to Bayer Aktiengesellschaft. Polymerization process. 4,501,865, 2-26-85, Cl. 526-71.000.
- Konig, Johannes: *See—*
  - Reuter, Martin; and Konig, Johannes, 4,542,652, Cl. 73-597.000.
- Konig, Klaus: *See—*
  - Rasshofer, Werner; Konig, Klaus; Meyborg, Holger; Meckel, Walter; and Zenner, Armin, 4,525,590, Cl. 544-222.000.
  - Rasshofer, Werner; Grogler, Gerhard; Konig, Klaus; and Dieterich, Dieter, 4,540,720, Cl. 521-159.000.
- Konig & Neurath Kommanditgesellschaft: *See—*
  - Kaiser, Josef, 4,502,393, Cl. 108-1.000.
- Konig, Raimund: *See—*
  - Pivit, Erich; Setzer, Helmut; Konig, Raimund; Distelrath, Peter; Hasse, Peter; and Zeidler, Manfred, 4,553,189, Cl. 361-119.000.
- Konig, Reinhard. Diaphragm regulating valve. 4,513,948, 4-30-85, Cl. 251-212.000.
- Konig, Winfred: *See—*
  - Knoll, Peter; Konig, Winfred; and Ziegler, Wolfgang, 4,502,761, Cl. 350-345.000.
- Koniger, Kai: *See—*
  - Koniger, Rudolf; and Koniger, Kai, 4,498,271, Cl. 52-707.000.
- Koniger, Rudolf; and Koniger, Kai. Fixing anchoring bars or the like in structures such as concrete. 4,498,271, 2-12-85, Cl. 52-707.000.
- Konigshofen, Heinrich: *See—*
  - Arend, Gunter; Konigshofen, Heinrich; Muller, Peter; and Musch, Rudiger, 4,528,388, Cl. 549-448.000.
- Koning, Gerrit; and Bergveld, Piet, to Cordis Europa N.V. Method of making an electrochemical sensing cell. 4,534,825, 8-13-85, Cl. 156-644.000.
- Koning, Menno G.: *See—*
  - Westhaver, Robert O.; Walker, Gary; and Koning, Menno G., 4,499,778, Cl. 74-5.00F.
- Koninger, Horst; Lehnert, Klaus; and Schirk, Gunter, to AGFA-Gevaert, A.G. Device for coupling the shafts of transporting units in developing machines or the like. 4,514,071, 4-30-85, Cl. 354-320.000.
- Koninger, Horst: *See—*
  - Schirk, Gunter; and Koninger, Horst, 4,498,752, Cl. 354-301.000.
- Koninklijke Emballage Industrie Van Leer B.V.: *See—*
  - Koudstaal, Willem; and Streefkerk, Willem L., 4,556,349, Cl. 410-140.000.
  - Lewins, John D., 4,529,105, Cl. 222-153.000.
  - Shefford, Roger A., 4,503,103, Cl. 428-35.000.
- Koninklijke Nederlandse Papierfabrieken N.V.: *See—*
  - van Os, Rudi, 4,493,158, Cl. 34-41.000.
- Konishi Chemical Industry Co., Ltd.: *See—*
  - Morita, Yukichi; Ono, Koji; Ogata, Eiji; and Manabe, Osamu, 4,558,161, Cl. 568-34.000.
- Konishi, Hideo; Matsuoka, Kazunori; and Gouya, Takao, to Sharp Kabushiki Kaisha. Electronic tuning type radio receivers. 4,495,650, 1-22-85, Cl. 455-144.000.
- Konishi, Hideyuki: *See—*
  - Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,497,223, Cl. 74-866.000.
  - Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,274, Cl. 74-866.000.
  - Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,275, Cl. 74-866.000.
- Konishi, Hiroshi; and Shimizu, Makoto, to Oki Electric Industry Co., Ltd. Sheet feeding apparatus. 4,529,189, 7-16-85, Cl. 271-22.000.
- Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, to Sumitomo Chemical Company, Limited. Diphenyl sulfide compounds useful as intermediates in the production of diphenyl sulfone compounds. 4,540,824, 9-10-85, Cl. 568-45.000.
- Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, to Sumitomo Chemical Company, Limited. Diphenyl sulfone compounds, and their production and use. 4,545,812, 10-8-85, Cl. 71-103.000.
- Konishi, Hiroyuki: *See—*
  - Kasamatsu, Kiyoshi; and Konishi, Hiroyuki, 4,518,594, Cl. 514-155.000.
- Konishi, Kazunori; and Kurematsu, Akira, to Kokusai Denshin Denwa Kabushiki Kaisha. Reduction of message length in a communication system. 4,511,758, 4-16-85, Cl. 178-2.00B.
- Konishi, Kazunori: *See—*
  - Hasuike, Kazuo; Konishi, Kazunori; and Kurematsu, Akira, 4,504,868, Cl. 358-280.000.
- Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, to Tokai Rubber Industries, Ltd. Damper device for engine mountings or the like. 4,553,744, 11-19-85, Cl. 267-140.100.
- Konishi, Keizo: *See—*
  - Kakimoto, Toshihiko; Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,491,304, Cl. 267-140.100.
- Konishi, Kuniyoshi: *See—*
  - Kosaka, Takashi; Koga, Takamasa; and Konishi, Kuniyoshi, 4,527,277, Cl. 375-82.000.
- Konishi, Masahiro, to Fuji Photo Film Co., Ltd. Image reproducing apparatus. 4,524,381, 6-18-85, Cl. 358-29.000.
- Konishi, Masahiro, to Fuji Photo Film Co., Ltd. Electronic camera system. 4,527,205, 7-2-85, Cl. 360-35.100.
- Konishi, Masahiro; and Murakoshi, Makoto, to Fuji Photo Film Co., Ltd. Electronic still camera. 4,541,021, 9-10-85, Cl. 360-35.100.
- Konishi, Masahiro, to Fuji Photo Film Co., Ltd. Electronic still camera. 4,544,960, 10-1-85, Cl. 360-35.100.
- Konishi, Masahiro; and Murakoshi, Makoto, to Fuji Photo Film Co., Ltd. Combination still and motion picture electronic camera/-recorder. 4,546,390, 10-8-85, Cl. 360-10.300.
- Konishi, Masami: *See—*
  - Nouno, Yasushi; Konishi, Masami; and Sasaki, Yoshio, 4,539,952, Cl. 123-90.360.
- Konishi, Masataka; Sugawara, Koko; Miyaki, Takeo; and Kawaguchi, Hiroshi, to Bristol-Myers Company. BBM-2478 antibiotic complex. 4,518,589, 5-21-85, Cl. 514-27.000.
- Konishi, Masataka; Sakai, Fumihide; Miyaki, Takeo; and Kawaguchi, Hiroshi, to Bristol-Myers Company. Biologically pure culture of Actinomadura Sp. 4,546,084, 10-8-85, Cl. 435-253.000.
- Konishi, Masataka: *See—*
  - Hatori, Masami; Ohkuma, Hiroaki; Konishi, Masataka; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,508,647, Cl. 260-239.30T.
  - Kawaguchi, Hiroshi; Konishi, Masataka; Sugawara, Koko; and Tomita, Koji, 4,533,631, Cl. 435-70.000.
- Konishi, Masayuki: *See—*
  - Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.
- Konishi, Sakuichi; Shingo, Naohito; and Shibayama, Mathuo, to Nippon Paint Co., Ltd. Aqueous coating composition, and its production. 4,528,318, 7-9-85, Cl. 524-504.000.
- Konishi, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. High sensitivity sense amplifier using different threshold valued MOS devices. 4,494,020, 1-15-85, Cl. 307-530.000.
- Konishi, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Integrated circuit formed on a semiconductor substrate with a variable capacitor circuit. 4,499,387, 2-12-85, Cl. 307-443.000.
- Konishi, Satoshi; and Sashiki, Takashi, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method. 4,522,274, 6-11-85, Cl. 177-25.000.
- Konishi, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. MOS logic circuit responsive to an irreversible control voltage for permanently varying its signal transfer characteristic. 4,533,841, 8-6-85, Cl. 307-468.000.
- Konishi, Satoshi, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus. 4,534,429, 8-13-85, Cl. 177-25.000.
- Konishi, Satoshi: *See—*
  - Ohno, Junichi; and Konishi, Satoshi, 4,513,310, Cl. 357-68.000.
- Konishi, Tadashi: *See—*
  - Kunugi, Katsuo; Suzuki, Togi; Konishi, Tadashi; and Ohwaki, Shinji, 4,513,114, Cl. 524-706.000.
  - Nakayama, Taesuke; and Konishi, Tadashi, 4,538,079, Cl. 310-74.000.
- Konishi, Takaharu: *See—*
  - Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, 4,503,314, Cl. 219-121.0ED.
- Konishi, Yuichiro; Tsunekawa, Tokuichi; and Someya, Hiromi, to Canon Kabushiki Kaisha. Camera having an exposure mode change-over device. 4,534,639, 8-13-85, Cl. 354-432.000.
- Konishiroku Photo Industry Co., Ltd.: *See—*
  - Abe, Naoto; Akimoto, Hidetoshi; and Nomori, Hiroyuki, 4,501,621, Cl. 134-17.000.
  - Abe, Shunichi; Akiyama, Mitsuo; and Kudo, Yoshihiko, 4,538,231, Cl. 364-483.000.
  - Abe, Yoshinori; and Matsunawa, Masahiko, 4,524,388, Cl. 358-163.000.
  - Amano, Tadashi, 4,531,150, Cl. 358-76.000.
  - Aoki, Naoki, 4,509,738, Cl. 271-160.000.
  - Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, 4,537,824, Cl. 428-323.000.
  - Asano, Masao; Sunaga, Tetsuro; Murata, Hideki; and Matsumoto, Kazumasa, 4,546,044, Cl. 428-413.000.
  - Ashida, Hisashi; and Suzuki, Keiichiro, 4,505,572, Cl. 355-3.00R.
  - Fujimaki, Yoshihide; Takei, Yoshiaki; and Nomori, Hiroyuki, 4,540,651, Cl. 430-72.000.
  - Fujita, Hisao; and Ishiyama, Shozo, 4,501,475, Cl. 350-427.000.
  - Fukuchi, Masakazu; Oishi, Keiji; and Iwai, Yasuyuki, 4,559,898, Cl. 118-653.000.
  - Funahashi, Soukichi, 4,497,010, Cl. 361-93.000.
  - Hamaguchi, Takehiko; Hazama, Kiyoaki; Iwaida, Kenichi; and Iguchi, Takeyoshi, 4,545,661, Cl. 354-86.000.
  - Haneda, Satoshi; Itaya, Masahiko; and Tomono, Makoto, 4,499,169, Cl. 430-102.000.
  - Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, 4,500,616, Cl. 430-45.000.
  - Haneda, Satoshi; and Hiratsuka, Seiichiro, 4,557,992, Cl. 430-122.000.
  - Hatano, Takashi; and Maruyama, Akira, 4,497,878, Cl. 428-698.000.
  - Hirabayashi, Shigeto; Masukawa, Toyoaki; Ishikawa, Wataru; and Harada, Tetsuya, 4,543,309, Cl. 430-31.000.
  - Hirabayashi, Shigeto; Masukawa, Toyoaki; and Ishikawa, Wataru, 4,562,143, Cl. 430-353.000.
  - Iijima, Toshifumi; Koboshi, Shigeharu; and Yamazaki, Hiroshi, 4,491,627, Cl. 430-138.000.
  - Iijima, Toshifumi; and Yamashita, Kiyoshi, 4,521,507, Cl. 430-503.000.
  - Iijima, Toshifumi; Nakagawa, Satoshi; and Menjo, Hiroshi, 4,543,323, Cl. 430-503.000.
  - Iijima, Toshifumi; and Yamashita, Kiyoshi, 4,547,458, Cl. 430-505.000.

Ikeuchi, Satoru; Inaba, Yoshihiro; Shimazaki, Hiroshi; and Kobayashi, Tatsuhiko, 4,533,621, Cl. 430-213.000.
Ishiyama, Shozo, 4,498,741, Cl. 350-427.000.
Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,491,083, Cl. 118-657.000.
Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,525,056, Cl. 355-3.0DD.
Itaya, Masahiko; Haneda, Satoshi; Tarumi, Noriyoshi; and Tomono, Makoto, 4,530,595, Cl. 355-15.000.
Itaya, Masahiko; and Haneda, Satoshi, 4,530,597, Cl. 355-15.000.
Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,553,500, Cl. 118-657.000.
Itoh, Toyotsugu; and Muramatsu, Toshio, 4,496,209, Cl. 350-6.800.
Iwahashi, Haruo, 4,540,275, Cl. 355-14.0TR.
Iwaki, Akio; Suzuki, Norihito; Yamamoto, Takeshi; and Aoki, Toru, 4,522,891, Cl. 428-626.000.
Kagawa, Nobuaki; Fujimori, Noboru; Tanaka, Shigeo; and Onodera, Kaoru, 4,517,284, Cl. 430-591.000.
Kaizuma, Hisayuki; and Hakamada, Haruo, 4,530,599, Cl. 355-75.000.
Kambara, Jun; Ohmuro, Yuzo; and Kamogawa, Nin-ichi, 4,540,646, Cl. 430-122.000.
Kamogawa, Ninichi; Ueno, Kenji; and Ishii, Kazumi, 4,542,977, Cl. 355-3.0CH.
Kasuya, Takahira; Morita, Hideaki; Takagiwa, Hiroyuki; and Yamakawa, Goichi, 4,514,487, Cl. 430-137.000.
Kato, Kazuo; Hamada, Fumio; and Ito, Kenji, 4,518,683, Cl. 430-546.000.
Kato, Shogo, 4,545,676, Cl. 355-3.0SH.
Kawakami, Sota; Murata, Hideki; Matsunaga, Satoshi; and Kiriki, Toshihiko, 4,495,345, Cl. 528-372.000.
Kawamoto, Kiyoaki; Shukuri, Kastuhiro; Hashimoto, Takayoshi; Yamazaki, Yoshio; and Inowa, Shigeru, 4,530,596, Cl. 355-15.000.
Kawata, Shun; Nosaka, Isao; and Katakura, Hiroshi, 4,511,237, Cl. 355-3.00R.
Kigawa, Shuji; and Otake, Eiji, 4,523,752, Cl. 271-9.000.
Kikugawa, Shozo; and Yasufuku, Yoshitaka, 4,555,443, Cl. 428-336.000.
Kikukawa, Shozo; and Yasufuku, Yoshitaka, 4,562,117, Cl. 428-407.000.
Kimura, Toshihiko; Kaneko, Yutaka; and Sasaki, Takashi, 4,551,422, Cl. 430-551.000.
Kimura, Yoshiaki; Nozu, Taketo; and Tanaka, Yasuhiko, 4,521,788, Cl. 346-140.00R.
Kimura, Yoshiaki; and Tanaka, Yasuhiko, 4,558,326, Cl. 346-1.100.
Kishido, Takeshi; Yoshino, Tetsuya; Kageyama, Takashi; and Kato, Kazuo, 4,561,378, Cl. 118-62.000.
Kobayashi, Takashi; Inagaki, Takeshi; Takahashi, Hiroshi; and Ohisa, Takayuki, 4,494,843, Cl. 354-214.000.
Kobayashi, Tatsuhiko; Ikeuchi, Satoru; Watanabe, Kazumasa; and Suginaka, Shunji, 4,520,095, Cl. 430-223.000.
Koboshi, Shigeharu; Ishikawa, Masao; Kobayashi, Kazuhiro; Kimura, Toshihiko; and Higuchi, Moeko, 4,518,680, Cl. 430-393.000.
Koitabashi, Takeo; Matsuzaka, Syoji; Hotta, Yuji; and Iwata, Masatoshi, 4,514,491, Cl. 430-567.000.
Kojima, Yasuo; and Sasa, Nobumasa, 4,542,088, Cl. 430-273.000.
Kojima, Yasuo; and Shimada, Fumio, 4,547,456, Cl. 430-330.000.
Koshizuka, Kunihiro; Matsuzaka, Syoji; and Kojima, Takaaki, 4,542,094, Cl. 430-569.000.
Koyama, Mikio; Kikugawa, Shozo; and Okaniwa, Kenichiro, 4,551,307, Cl. 422-56.000.
Koyama, Mikio; Okaniwa, Kenichiro; Saruhashi, Masakuni; and Ohmachi, Yuko, 4,557,901, Cl. 422-56.000.
Kuge, Takao, 4,506,966, Cl. 354-195.100.
Kuge, Takao, 4,519,687, Cl. 354-202.000.
Kurematsu, Masayuki; and Koboshi, Shigeharu, 4,537,856, Cl. 430-372.000.
Kurematsu, Masayuki; and Koboshi, Shigeharu, 4,562,144, Cl. 430-372.000.
Kuse, Satoru, 4,546,068, Cl. 430-375.000.
Maeda, Masatoshi; Katsurai, Junji; and Ikeda, Hiroaki, 4,511,929, Cl. 358-296.000.
Maekawa, Yoshikazu, 4,541,713, Cl. 355-75.000.
Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, 4,562,146, Cl. 430-546.000.
Matsunawa, Masahiko; and Abe, Yoshinori, 4,495,522, Cl. 358-280.000.
Matsunawa, Masahiko, 4,556,916, Cl. 358-282.000.
Matsushima, Kohji; Nakagawa, Yasutsugu; and Yagi, Michio, 4,497,563, Cl. 354-429.000.
Matsuzaka, Syoji; Koitabashi, Takeo; Haga, Yoshihiro; Suzuki, Akio; and Shiozawa, Hiroaki, 4,497,895, Cl. 430-569.000.
Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,507,386, Cl. 430-549.000.
Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,510,234, Cl. 430-557.000.
Matsuzaki, Masatoshi; Yamazaki, Toshinori; Myokan, Isao; Shima, Tetsuo; and Nomori, Hiroyuki, 4,495,262, Cl. 430-58.000.
Matsuzaki, Masatoshi; Yamazaki, Toshinori; and Nomori, Hiroyuki, 4,518,670, Cl. 430-58.000.
Menjo, Hiroshi; and Watanabe, Yoshikazu, 4,500,633, Cl. 430-505.000.
Miwa, Tadashi; Kimura, Kiyoshi; Okamoto, Yukio; and Tarumi, Noriyoshi, 4,531,825, Cl. 355-3.0TR.
Mogi, Michio, 4,555,172, Cl. 355-3.0DD.
Momose, Haruhiko; Takahashi, Toshiaki; Hoshino, Yasushi; Matsushima, Kohji; and Yagi, Michio, 4,541,702, Cl. 354-400.000.
Moriguchi, Hiroyuki; Matsumoto, Masanori; Nishiwaki, Akira; Morohoshi, Yasuo; and Nomori, Hiroyuki, 4,551,303, Cl. 420-590.000.
Motohashi, Mitsuo; Nemoto, Mitsugu; and Tamura, Akihiko, 4,536,082, Cl. 355-3.0SH.
Nagatani, Toshio; Chiba, Norio; Hatanaka, Takao; and Saito, Toshio, 4,551,367, Cl. 428-35.000.
Nakayama, Noritaka; Kawakatsu, Satoshi; Katoh, Katsunori; and Shinozaki, Kaoru, 4,548,899, Cl. 430-558.000.
Nishi, Shinichi; Satoh, Taxey; Shimada, Fumio; and Takahashi, Toshiaki, 4,536,471, Cl. 430-495.000.
Nishijima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, 4,526,853, Cl. 430-139.000.
Nishijima, Toyoki; and Onodera, Kaoru, 4,540,653, Cl. 430-372.000.
Nishizima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, 4,540,656, Cl. 430-505.000.
Noguchi, Michihiro, 4,505,566, Cl. 354-400.000.
Nozaki, Hiromi; and Yoshida, Eiichi, 4,504,139, Cl. 355-14.00R.
Ohbayashi, Keiji; and Nakamura, Shinichi, 4,529,690, Cl. 430-543.000.
Ohnuki, Mitsuo, 4,515,438, Cl. 350-255.000.
Ohnuki, Mitsuo, 4,534,625, Cl. 350-429.000.
Ohta, Tatsuo, 4,526,132, Cl. 118-719.000.
Ota, Hideo; and Yamashita, Kiyotoshi, 4,499,179, Cl. 430-523.000.
Saito, Kaneo, 4,537,485, Cl. 354-304.000.
Saito, Kaneo, 4,561,167, Cl. 29-564.600.
Sakamoto, Eiichi; Kawasaki, Mikio; Ono, Kouji; Fukuoji, Kakujulo; and Fujimori, Noboru, 4,500,631, Cl. 430-413.000.
Sakuma, Takeyuki; Nakamura, Masaji; and Mizukoshi, Matsuo, 4,541,173, Cl. 29-806.000.
Sakurai, Kunio; Ito, Hiroshi; and Nozaki, Takashi, 4,497,539, Cl. 350-164.000.
Sasaki, Masao; and Onodera, Kaoru, 4,518,686, Cl. 430-512.000.
Sasaki, Masao; and Onodera, Kaoru, 4,540,658, Cl. 430-551.000.
Sasaki, Osamu; Hirose, Naohiro; and Sawada, Kiyoshi, 4,562,131, Cl. 430-58.000.
Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori, 4,532,202, Cl. 430-552.000.
Sato, Ryosuke; Kato, Katsunori; Sasaki, Takashi; and Sugita, Hiroshi, 4,554,244, Cl. 430-552.000.
Sawada, Kiyoshi; Goto, Satoshi; Kinoshita, Akira; and Sasaki, Osamu, 4,515,881, Cl. 430-58.000.
Seimiya, Ryubun; Tarumi, Noriyoshi; Kokiso, Masakazu; and Tsuchiya, Hiroshi, 4,511,622, Cl. 428-323.000.
Serizawa, Moriyoshi; and Hakamada, Haruo, 4,504,026, Cl. 242-71.100.
Serizawa, Moriyoshi; and Hakamada, Haruo, 4,557,591, Cl. 355-40.000.
Shibue, Toshiaki; and Nagayasu, Koichi, 4,554,175, Cl. 427-44.000.
Shindo, Masanari; Sato, Shigeru; and Kaneko, Akinari, 4,534,840, Cl. 204-192.00R.
Shiozawa, Takao, 4,504,053, Cl. 271-34.000.
Shiozawa, Takao, 4,509,737, Cl. 271-125.000.
Shirose, Meizo; Ito, Kunio; Takagiwa, Hiroyuki; Takahashi, Jiro; and Gunzi, Kouichi, 4,514,486, Cl. 430-124.000.
Shukuri, Katsuhiro; Inowa, Shigeru; and Kawamoto, Kiyoaki, 4,506,975, Cl. 355-15.000.
Sugita, Hiroshi; Tsuda, Yasuo; Ito, Kenji; and Shimba, Satoru, 4,528,263, Cl. 430-544.000.
Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, 4,526,864, Cl. 430-551.000.
Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, 4,537,857, Cl. 430-549.000.
Takagiwa, Hiroyuki; Matsuo, Syunji; and Tomono, Makoto, 4,543,311, Cl. 430-98.000.
Takagiwa, Hiroyuki; Takahashi, Jiro; Shirose, Meizo; Inaba, Naomi; and Seki, Megumi, 4,557,991, Cl. 430-109.000.
Takahashi, Jiro; Komamura, Tawara; Sawada, Kiyoshi; Sasaki, Ssamu; Goto, Satoshi; and Kinoshita, Akira, 4,495,261, Cl. 430-58.000.
Takahashi, Jiro; Sawada, Kiyoshi; Kinoshita, Akira; Komamura, Tawara; Goto, Satoshi; and Sasaki, Osamu, 4,537,847, Cl. 430-58.000.
Tamura, Takashi; and Kawata, Shun, 4,491,161, Cl. 141-364.000.
Tamura, Takashi, 4,516,764, Cl. 271-34.000.
Tamura, Takashi, 4,540,273, Cl. 355-8.000.
Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,495,508, Cl. 346-159.000.
Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, 4,518,976, Cl. 346-153.100.
Tarumi, Noriyoshi; Kimura, Kiyoshi; and Iwahashi, Haruo, 4,531,827, Cl. 355-14.00R.
Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,562,447, Cl. 346-159.000.
Tsuchino, Hisanori; Teshima, Manami; Takeuchi, Hiroshi; and Shimada, Fumio, 4,507,379, Cl. 430-139.000.
Uehara, Masafumi; Yamazaki, Atsuo; and Shimura, Kazuhiro, 4,536,465, Cl. 430-192.000.
Uemura, Morito; and Onodera, Kaoru, 4,562,138, Cl. 430-219.000.

Ura, Hiroaki; and Kato, Shogo, 4,526,358, Cl. 271-34.000.

Wada, Tsuneo; Tamaki, Kiyoshi; Murata, Hideki; Terada, Sadatugu; and Takagiwa, Hiroyuki, 4,507,378, Cl. 430-137.000.

Watanabe, Kazumasa; Deguchi, Hidetaka; and Suginaka, Shunji, 4,499,181, Cl. 430-558.000.

Watanabe, Koji; Shiozawa, Kazuo; Suzuki, Kiziro; and Shimokawa, Ryushi, 4,492,450, Cl. 354-412.000.

Watanabe, Koji, 4,494,853, Cl. 354-478.000.

Watanabe, Shotaro; Tomono, Makoto; Yamakawa, Goichi; Nishimura, Takeo; and Takahashi, Nobuo, 4,518,674, Cl. 430-108.000.

Yamada, Minoru; Ito, Eiji; and Nagai, Masaru, 4,519,691, Cl. 354-400.000.

Yamamoto, Takeshi; Suzuki, Norihito; Aoki, Toru; and Iwaki, Akio, 4,492,740, Cl. 428-629.000.

Yamamoto, Takeshi; and Goto, Kiyoshi, 4,504,567, Cl. 430-165.000.

Yamashita, Kiyoshi; and Iijima, Toshifumi, 4,511,648, Cl. 430-503.000.

Yamashita, Kiyotoshi; Ishikawa, Minoru; Ohta, Hideo; and Kumashiro, Kenji, 4,554,247, Cl. 430-622.000.

Yamauchi, Yasuhisa; Asano, Masao; and Arai, Mitsutaka, 4,550,054, Cl. 428-328.000.

Yamazaki, Hiroshi; and Tamaki, Kiyoshi, 4,520,090, Cl. 430-106.600.

Yamazaki, Toshinori; Nomori, Hiroyuki; Matsuzaki, Masatoshi; Shima, Tetsuo; and Myokan, Isao, 4,510,224, Cl. 430-57.000.

Yamazaki, Yoshio; and Itoh, Takashi, 4,552,451, Cl. 355-15.000.

Yanagisawa, Akira; Yazawa, Hisashi; and Kato, Toshio, 4,561,235, Cl. 53-411.000.

Yoshida, Kazuhiro, 4,495,274, Cl. 430-523.000.

Yoshino, Tetsuya; Kageyama, Takashi; Kato, Kazuo; and Kishido, Takeshi, 4,548,837, Cl. 427-209.000.

Konkle, Douglas R., to Sunline Hardware, Inc. Bayonet-type latch mechanism with positive locking function. 4,530,136, 7-23-85, Cl. 24-608.000.

Konkol, Werner: *See—*

Cornils, Boy; Hibbel, Josef; Lieder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner, 4,523,036, Cl. 568-454.000.

Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm, 4,533,755, Cl. 568-454.000.

Konle, Robert L., to Arthur Smith Industries, Inc. Door gasket. 4,509,292, 4-9-85, Cl. 49-499.000.

Konnai, Makoto: *See—*

Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,491,465, Cl. 71-88.000.

Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,521,242, Cl. 71-94.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yunji; and Nakanishi, Akira, 4,551,169, Cl. 71-94.000.

Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,583, Cl. 71-86.000.

Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,584, Cl. 71-86.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.

Konneker, Reinhard, to Harley-Davidson Motor Co., Inc. Internal combustion engine mount. 4,550,698, 11-5-85, Cl. 123-195.0AC.

Konneker, Reinhard: *See—*

Mezger, Hans; and Konneker, Reinhard, 4,523,555, Cl. 123-193.00C.

Mezger, Hans; Konneker, Reinhard; and Kelm, Joachim, 4,527,517, Cl. 123-41.470.

Mezger, Hans; and Konneker, Reinhard, 4,553,509, Cl. 123-90.270.

Konnemann, Alfred; and Ehrenberg, Jorgen, to Grote & Hartmann GmbH & Co. KG. Round plug socket provided with an over-spring. 4,540,234, 9-10-85, Cl. 339-259.00R.

Konnemann, Alfred: *See—*

Brandstater, Manfred; and Konnemann, Alfred, 4,553,126, Cl. 338-319.000.

Konnik, Robert P., to Harvey Hubbell Incorporated. Electrical cable splicing system. 4,496,795, 1-29-85, Cl. 174-84.00R.

Konno, Junichi; Ueda, Yukihiro; Niitsuma, Hiroaki; and Chubachi, Noriyoshi, to Asahi Kasei Kogyo Kabushiki Kaisha. Micro fracture detector. 4,501,149, 2-26-85, Cl. 73-587.000.

Konno, Kazutoshi: *See—*

Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, 4,551,777, Cl. 360-77.000.

Wakabayashi, Manabu; Minami, Kihachiro; Sanpei, Tohru; and Konno, Kazutoshi, 4,550,354, Cl. 360-133.000.

Konno, Kunio; and Okada, Masashi, to Nippon Kogaku K.K. Light illumination device. 4,497,015, 1-29-85, Cl. 362-268.000.

Konno, Kunio; Tanaka, Masashi; and Ohki, Hiroshi, to Nippon Kogaku K.K. Objective lens. 4,531,815, 7-30-85, Cl. 350-475.000.

Konno, Kunio: *See—*

Nakamura, Soichi; and Konno, Kunio, 4,525,744, Cl. 358-224.000.

Konno, Mitsuo: *See—*

Okatsuka, Hisashi; Taniguchi, Koichi; Konno, Mitsuo; and Narita, Ryuho, 4,504,718, Cl. 219-10.55B.

Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, to TDK Electronics Co., Ltd.; and Toyo Ink Manufacturing Co., Ltd. Magnetic recording medium. 4,511,629, 4-16-85, Cl. 428-522.000.

Konno, Ryozo: *See—*

Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.

Konno, Setsuzou: *See—*

Nagayasu, Kuniaki; Konno, Setsuzou; and Yoshida, Toshio, 4,531,305, Cl. 34-31.000.

Konno, Tatsuo: *See—*

Fujino, Masahisa; Sunouchi, Akio; Suzuki, Ryuji; and Konno, Tatsuo, 4,494,844, Cl. 354-241.000.

Sunouchi, Akio; Suzuki, Ryuji; Fujino, Masahisa; and Konno, Tatsuo, 4,500,186, Cl. 354-234.000.

Konno, Toshio: *See—*

Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.

Kono, Hiromichi: *See—*

Cruickshank, Philip A.; DiSanzo, Carmine P.; Kondo, Kiyosi; and Kono, Hiromichi, 4,514,419, Cl. 514-521.000.

Kono, Hiroya: *See—*

Kato, Kimio; Kobayashi, Hisao; Mukai, Takamitsu; Kono, Hiroya; and Yamamoto, Taku, 4,522,567, Cl. 417-270.000.

Kono, Katsuaki, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,549,618, 10-29-85, Cl. 177-25.000.

Kono, Masami: *See—*

Sugioka, Yukio; and Kono, Masami, 4,561,510, Cl. 177-84.000.

Kono, Takashi; Minegishi, Akira; and Kamai, Toshimitsu, to Sony Corporation. VTR with high-quality audio recording system. 4,492,986, 1-8-85, Cl. 358-330.000.

Kono, Tatsuhiko: *See—*

Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.

Kono, Yasushi: *See—*

Kawachi, Masayuki; and Kono, Yasushi, 4,557,241, Cl. 123-585.000.

Konoike, Toshiro: *See—*

Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, 4,529,721, Cl. 514-191.000.

Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, to Kubota, Ltd.; and Toyo Engineering Corporation. Tube for thermal cracking or reforming hydrocarbon and manufacturing method thereof. 4,510,988, 4-16-85, Cl. 164-102.000.

Konomi, Masaaki. Spectroscopic analyzer system for examining intravital tissue. 4,505,583, 3-19-85, Cl. 356-73.000.

Konomi, Masao, to Pan Communications, Inc. Acceleration vibration detector. 4,516,428, 5-14-85, Cl. 73-585.000.

Konomi, Toshiaki; and Ishiyama, Shinobu, to Toyota Jidosha Kogyo Kabushiki Kaisha. Method of determining fluctuations in indicated mean effective pressure of engine and apparatus therefor. 4,525,781, 6-25-85, Cl. 364-431.010.

Konomi, Toshio: *See—*

Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, 4,517,299, Cl. 435-197.000.

Konomura, Yutaka, to Olympus Optical Company Ltd. Suction controller of endoscopes. 4,561,428, 12-31-85, Cl. 128-4.000.

Kononowicz, Halina M.: *See—*

Janick, Jules; and Kononowicz, Halina M., 4,545,147, Cl. 47-58.000.

Konosu, Makoto: *See—*

Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.

Konotsune, Takuo; and Kawakubo, Katsuhiko, to Sankyo Company Limited. Herbicidal 4-benzoyl-5-hydroxy-pyrazales. 4,508,910, 4-2-85, Cl. 548-367.000.

Konovalova, Nina P.: *See—*

Emanuel, Nikolai M.; Rozenberg, Albina N.; Golubev, Valery A.; Bogdanov, Gennady N.; Vasilieva, Ljubov S.; and Konovalova, Nina P., 4,558,127, Cl. 544-310.000.

Konrad, Charles E.; Gareis, Ronald E.; and Lodhia, Amratlal C., to General Electric Company. Dual motor proportioning control. 4,500,818, 2-19-85, Cl. 318-52.000.

Konrad, Charles E., to General Electric Company. Turning speed controller for electric vehicles having dual drive motors. 4,520,299, 5-28-85, Cl. 318-587.000.

Konrad, Eugen; Braun, Hans J.; Mager, Herbert; Noser, Friedrich; and Bracher, Max, to Wella Aktiengesellschaft. 1,3-diamino-4-(2′,2′,2′,-trifluoroethoxy)-benzene, method of producing the same, and hair coloring composition containing the same. 4,543,425, 9-24-85, Cl. 564-442.000.

Konrad, Eugen: *See—*

Lang, Gunther; Wendel, Harald; and Konrad, Eugen, 4,528,283, Cl. 514-55.000.

Konrad, Mathias, to Jean Walterscheid GmbH. Adjustable friction clutch. 4,501,570, 2-26-85, Cl. 464-48.000.

Konrad, Mathias; and Kampf, Klaus, to Jean Walterscheid GmbH. Overload clutch with vibration protection mechanism. 4,538,715, 9-3-85, Cl. 192-56.00R.

Konrad, Michael W.; and Mark, David F., to Cetus Corporation. Bacterial production of heterologous polypeptides under the control of a repressible promoter-operator. 4,499,188, 2-12-85, Cl. 435-70.000.

Konrad, Peter; and Mechel, Adam, to Wassermesserfabrik ANDRAE GmbH & Co. Flow volumeter for liquids. 4,512,201, 4-23-85, Cl. 73-861.790.

Konrath, Karl: *See*—
- Braun, Wolfgang; Konrath, Karl; and Schwarz, Manfred, 4,513,715, Cl. 123-383.000.
- Eheim, Franz; Hofer, Gerald; Konrath, Karl; and Straubel, Max, 4,519,352, Cl. 123-373.000.
- Greiner, Max; and Konrath, Karl, 4,522,181, Cl. 123-502.000.
- Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, 4,501,252, Cl. 123-502.000.

Konsevich, James L.: *See*—
- McTamaney, Louis S.; Bisbee, Gary W.; Kettlety, Robert W.; and Konsevich, James L., 4,551,730, Cl. 346-33.0WL.

Konshak, Michael V., to Magnetic Peripherals Inc. Equipment module. 4,523,254, 6-11-85, Cl. 361-391.000.

Konsihiroku Photo Industry Co., Ltd.: *See*—
- Tarumi, Noriyoshi; Kimura, Kiyoshi; and Gunji, Kouichi, 4,542,978, Cl. 355-3.0TR.

Konstantin, Anatole E. Shrink banding machine for use with thin film. 4,514,966, 5-7-85, Cl. 53-585.000.

Konstantinov, Ivan T.; Mednikarov, Borislav D.; Sahatchieva, Maria A.; and Burov, Atanas T., to Zlafop pri Ban. Photographic material for use in photolithography. 4,499,173, 2-12-85, Cl. 430-278.000.

Konstruktions Teknik: *See*—
- Hornberg, Gunnar, 4,518,186, Cl. 294-82.240.

Kontak Manufacturing Co. Ltd.: *See*—
- Wakefield, Donald C., deceased, 4,526,342, Cl. 251-131.000.

Kontakta Alkatreszgyar: *See*—
- Trummer, Gabor, 4,548,534, Cl. 411-61.000.

Kontani, Kazuo: *See*—
- Ito, Katsuo; Yoshimura, Kazunori; Tsuji, Kazuhiro; and Kontani, Kazuo, 4,532,485, Cl. 334-51.000.

Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., to Institut Okeanologii Imeni P.P. Shirshova. Method of delivering to ocean bottom and raising to surface of station for deep water researches and design of station delivered using said method. 4,557,697, 12-10-85, Cl. 441-2.000.

Konter, Wolfgang: *See*—
- Casper, Rudolf; Wendling, Peter; Konter, Wolfgang; Pampus, Gottfried; and Hohmann, Gerhard, 4,525,561, Cl. 526-220.000.
- Musch, Rudiger; Gobel, Wilhelm; Konter, Wolfgang; and Nolte, Wilfried, 4,521,576, Cl. 526-213.000.

Kontes Glass Company: *See*—
- Apothaker, Richard L.; Reed, James; Croce, Carmen L.; and Wagner, Frederick B., III, 4,492,951, Cl. 338-316.000.

Kontoghiorghes, George: *See*—
- Hider, Robert C.; Kontoghiorghes, George; Silver, Jack; and Stockham, Michael A., 4,550,101, Cl. 514-188.000.

Kontron Holding A.G.: *See*—
- Marangoni, Daniele, 4,535,783, Cl. 128-711.000.
- Wicki, Gerhard; and Naff, Rolf, 4,491,019, Cl. 73-457.000.

Kontron Incorporated: *See*—
- Lombardi, Edward J., 4,501,276, Cl. 128-642.000.

Kontz, Robert F., to Owens-Illinois, Inc. Methods and machines for placing and heating oriented plastic heat-shrinkable sleeves on containers. 4,496,409, 1-29-85, Cl. 156-85.000.

Kontz, Robert F.; and Moore, Gary L., to Owens-Illinois, Inc. Apparatus and method for applying heat shrinkable conical plastic labels on containers. 4,497,681, 2-5-85, Cl. 156-363.000.

Konuki, Tadashi: *See*—
- Ayata, Naoki; and Konuki, Tadashi, 4,553,834, Cl. 355-53.000.
- Kosugi, Masao; Konuki, Tadashi; and Iizuka, Kazuo, 4,530,587, Cl. 355-53.000.

Konuma, Hiroshi: *See*—
- Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,537,843, Cl. 429-197.000.
- Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,544,615, Cl. 429-194.000.

Konz, Elmar; and Kruse, Hansjorg, to Hoechst Aktiengesellschaft. 1-phenylisoquinoline derivatives, pharmaceutical products containing these compounds and their use. 4,547,508, 10-15-85, Cl. 514-307.000.

Kooda, Akihide; Nishioka, Itsuo; Nishiyori, Takeshi; and Yahara, Shoji, to Kabushiki Kaisha Tsumurajuntendo. Hydroxybiphenyl compounds. 4,537,996, 8-27-85, Cl. 568-442.000.

Koog, Wolfgang; and Estabrook, Lawrence E., to Texaco Inc. Preheating and deslagging a gasifier. 4,525,176, 6-25-85, Cl. 48-197.00R.

Kooi, Hessel; and Meijer, Sjoerd, to Selectiebedrijf Kooi Beheer B.V.; and Machine- en Constructiewerkplaats Meijer. Fork lifter comprising a slidable fork. 4,498,837, 2-12-85, Cl. 414-664.000.

Kooiman, Pieter L. Device for stacking of articles of which the upper most article of the stack is maintained automatically at a certain level. 4,503,980, 3-12-85, Cl. 211-41.000.

Kookootsedes, Gust J.; and Reese, Herschel H., to Dow Corning Corporation. Method for surface treatment of polyorganosiloxane gel-filled containers to prevent bubble migration into said gel. 4,528,243, 7-9-85, Cl. 428-425.500.

Kool Van Langenberghe, Henri J. F.: *See*—
- van De Wouw, Martinus L. J. A.; and Kool Van Langenberghe, Henri J. F., 4,530,000, Cl. 357-46.000.

Koolflo Limited: *See*—
- Grant, Callum, 4,502,294, Cl. 62-389.000.

Koomen, Pieter C. Dual blade windshield wiper. 4,524,481, 6-25-85, Cl. 15-250.410.

Koomey Blowout Preventers, Inc.: *See*—
- Howard, Roland M., Jr., 4,523,639, Cl. 166-55.000.
- Jones, Marvin R., 4,508,313, Cl. 251-1.00A.
- Jones, Marvin R.; and Howard, Roland M., Jr., 4,519,571, Cl. 251-1.00A.
- Jones, Marvin R., 4,519,577, Cl. 251-62.000.

Koomey, Inc.: *See*—
- Allewitz, Murry, 4,518,005, Cl. 137-207.000.
- Loup, Ronald L., 4,554,940, Cl. 137-116.000.
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- Hagedorn, Floyd T.; and Koontz, Merwyn L., 4,522,641, Cl. 65-291.000.

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Kopf, Rowland J., to Uniset Corporation. Fastener driving tool. 4,493,376, 1-15-85, Cl. 173-139.000.

Kopfer, Rudolph J. Wet-dry compartmental syringe. 4,516,967, 5-14-85, Cl. 604-87.000.

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Kopil, Steven J.: *See*—
- Davies, Alan; McCabe, Joseph H., III; and Kopil, Steven J., 4,502,224, Cl. 33-1.00V.

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Kopola, Harri: *See*—
  Ahola, Raimo; Kopola, Harri; and Myllyla, Risto, 4,553,943, Cl. 434-22.000.

Kopolow, Stephen L., to Personal Products Company. Stabilized absorbent boards. 4,552,618, 11-12-85, Cl. 162-157.100.

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Kopp, Ernst, to Skischuhfabrik Dynafit Gesellschaft m.b.H. Skiing boot. 4,501,078, 2-26-85, Cl. 36-121.000.

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  McKeehan, David S.; and Kopp, Frans, 4,528,757, Cl. 33-529.000.

Kopp GmbH International Pipeline Services: *See*—
  Steinhaus, Harald; and Meiners, Detlef, 4,538,359, Cl. 34-21.000.

Kopp, Harold W. Rebound sports training apparatus. 4,516,769, 5-14-85, Cl. 273-1.00B.

Kopp, Harold W. Football kicking tee. 4,537,397, 8-27-85, Cl. 273-55.00B.

Kopp, Hubert, to Breitfeld & Schliekert GmbH. Machine for manufacturing a template for edge grinding a spectacle lens. 4,517,870, 5-21-85, Cl. 83-411.00R.

Kopp, John K.: *See*—
  Kocher, Erich J.; and Kopp, John K., 4,497,181, Cl. 62-139.000.
  Kocher, Erich J.; and Kopp, John K., 4,551,982, Cl. 62-130.000.

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  Grogler, Gerhard; Hess, Heinrich; and Kopp, Richard, 4,546,165, Cl. 528-53.000.
  Hess, Heinrich; Grogler, Gerhard; and Kopp, Richard, 4,520,186, Cl. 528-73.000.

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  Siemers, Paul A.; Kopp, Robert W.; and Jackson, Melvin R., 4,537,742, Cl. 419-8.000.

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  Knott, Joseph; and Kopp, Walter, 4,511,639, Cl. 430-108.000.

Koppany, Eniko: *See*—
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Koppe, Herbert: *See*—
  Kummer, Werner; Koppe, Herbert; Stahle, Helmut; Reichl, Richard; and Kuhn, Franz J., 4,505,912, Cl. 514-236.000.

Koppe, Robert G. Pouch forming and filling apparatus. 4,509,313, 4-9-85, Cl. 53-570.000.

Koppe, Rudolf P.; and Blom, Hendrik, to U.S. Philips Corporation. Signal processing system comprising a signal source, a signal processing unit and connecting cables. 4,518,927, 5-21-85, Cl. 330-284.000.

Koppel, Gary A.; Barton, Russell L.; Bewley, Jesse R.; Briggs, Stephen L.; and Parton, Joseph W., to Eli Lilly and Company. Ascorbic acid ethers in angiogene. 4,552,888, 11-12-85, Cl. 514-474.000.

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  Barton, Russell L.; Briggs, Stephen L.; and Koppel, Gary A., 4,501,703, Cl. 260-455.00R.
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Koppen, Werner: *See*—
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Koppenberg, Bruce G. Hanger fastener. 4,523,413, 6-18-85, Cl. 52-139.000.

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  Koppens, Wilhelmus F. A., 4,497,244, Cl. 99-494.000.

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Koppensteiner, James V., to GTE Automatic Electric Laboratories Incorporated. Printed wiring board enclosure. 4,528,616, 7-9-85, Cl. 361-399.000.

Koppensteiner, James V.; and Kaczkos, John E., to GTE Communication Systems Corporation. Printed wiring board assembly employing track engaging runners. 4,533,977, 8-6-85, Cl. 361-415.000.

Koppensteiner, James V.; and Kaczkos, John E., to GTE Communication Systems Corporation. Printed wiring board file employing wire structural members. 4,544,066, 10-1-85, Cl. 211-41.000.

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Koppensteiner, Werner, to Otis Elevator Company. Progressive safety. 4,538,706, 9-3-85, Cl. 187-90.000.

Koppensteiner, Werner, to Otis Elevator Company. Elevator governor. 4,556,155, 12-3-85, Cl. 187-38.000.

Koppers Company, Inc.: *See*—
  Carlson, John D.; Kifer, Edward W.; Wojtyna, Vincent J.; and Colton, James P., 4,539,338, Cl. 521-131.000.
  Carson, William J., 4,493,286, Cl. 118-677.000.
  Fisher, Chester D., 4,555,254, Cl. 55-345.000.
  Leston, Gerd, 4,496,774, Cl. 568-784.000.
  Leston, Gerd, 4,499,312, Cl. 568-780.000.
  Lindgren, Carl, 4,527,488, Cl. 105-247.000.
  Pfeiffer, John W., 4,556,079, Cl. 137-240.000.
  Prew, Stanley R., 4,493,556, Cl. 366-114.000.
  Prew, Stanley R., 4,545,538, Cl. 241-73.000.
  Wallace, William E.; and Pourarian, Faiz, 4,512,965, Cl. 423-644.000.
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Koppl Company Inc.: *See*—
  Coker, Melvin D.; and Wegner, John W., 4,513,788, Cl. 138-89.000.

Koppl, Franz: *See*—
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  Hamster, Helmut; and Koppl, Franz, 4,536,642, Cl. 219-374.000.

Koppl, Georg, to BBC Brown, Boveri & Company, Limited. High-voltage switch and its use. 4,499,351, 2-12-85, Cl. 200-148.00R.

Koppl, Georg; and Linhofer, Gerhard, to BBC Brown, Boveri & Company, Limited. Coolable electrical component. 4,539,432, 9-3-85, Cl. 174-15.00C.

Koppner, Manfred: *See*—
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Kopsco, M. Alan: *See*—
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Korach, Malcolm, to PPG Industries, Inc. Electro organic method. 4,515,664, 5-7-85, Cl. 204-62.000.

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Korb, Donald R.: *See*—
  Gallop, Paul M.; and Korb, Donald R., 4,543,371, Cl. 523-106.000.

Korb, Louis L.; and Waitkus, Phillip A., to Plastics Engineering Company. Thermosettable compositions convertible to vitreous carbon and process for preparation thereof. 4,526,924, 7-2-85, Cl. 524-541.000.

Korb, Louis L.; and Waitkus, Phillip A., to Plastics Engineering Company. Vitreous carbon and process for preparation thereof. 4,550,015, 10-29-85, Cl. 423-445.000.

Korba, James M.: *See*—
  Wallace, David R.; Korba, James M.; Matson, James E.; and Lynnworth, Lawrence C., 4,515,021, Cl. 73-861.270.

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Korbel, Gerald E.; Robins, Janis; and Rude, Harold E., to Minnesota Mining and Manufacturing Company. Coated abrasive containing epoxy binder and method of producing the same. 4,553,982, 11-19-85, Cl. 51-298.000.

Korber, Helmut: *See*—
  Tacke, Peter; Korber, Helmut; Merten, Josef; and Neuray, Dieter, 4,499,237, Cl. 525-67.000.

Korber, Klaus: *See*—
  Simon, Fritz; Korber, Klaus; Bandelow, Horst; Scherer, Michael; Wilke, Dieter; Thron, Werner; and Preuk, Gerhard, 4,554,707, Cl. 17-47.000.

Korbonits, Dezso: *See*—
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Korch, Hans-Erdmann, to International Business Machines Corporation. All-solid-state television camera. 4,561,015, 12-24-85, Cl. 358-44.000.

Korcz, William H.: *See*—
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- Kordis, Thomas F.: *See—*
  - Johnson, Donald L.; and Kordis, Thomas F., 4,555,157, Cl. 339-75.0MP.
- Kordomenos, Panagiotis I.; and Kurple, Kenneth R., to Ford Motor Company. Thermosetting coating composition- III. 4,491,641, 1-1-85, Cl. 523-400.000.
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- Kordomenos, Panagiotis I., to Ford Motor Company. Thermosetting coating composition. 4,525,569, 6-25-85, Cl. 528-73.000.
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  - Kim, Choong S.; Lee, Nam J.; and Kim, Joong H., 4,497,952, Cl. 544-344.000.
  - Kim, Wan J.; Lee, Cheol H.; and Lee, Moon H., 4,513,134, Cl. 544-16.000.
  - Moon, Sang H.; Park, Jae M.; and Suh, Sung S., 4,493,725, Cl. 71-62.000.
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  - Yoon, Hans S.; and Lee, Wha S., 4,511,709, Cl. 528-331.000.
- Korema GmbH & Co. KG: *See—*
  - Merz, Gunther, 4,548,429, Cl. 285-236.000.
- Koren, Jeffrey G.: *See—*
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  - Vuletic, Bogdan, 4,542,889, Cl. 266-137.000.
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- Korf & Fuchs Systemtechnik GmbH: *See—*
  - Fuchs, Gerhard; and Wabersich, Ernst, 4,497,475, Cl. 266-270.000.
- Korf, Rainer: *See—*
  - Breustedt, Alfred; Taschner, Heinz; Korf, Rainer; and Lorenz, Renate, 4,523,912, Cl. 433-202.000.
- Korf Technologies, Inc.: *See—*
  - Wells, William, 4,555,266, Cl. 75-53.000.
- Korff, Joachim: *See—*
  - Keim, Karl-Heinz; and Korff, Joachim, 4,554,388, Cl. 568-716.000.
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- Koriyama, Masayuki: *See—*
  - Onishi, Kimimasa; Takahashi, Takao; and Koriyama, Masayuki, 4,516,610, Cl. 139-435.000.
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- Korkhov, Oleg J.: *See—*
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- Korkowski, Richard. Power driven hand tool. 4,541,314, 9-17-85, Cl. 81-58.100.
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- Korman, Nathaniel I., to Ventures Research & Development Group. Selective color modification. 4,525,736, 6-25-85, Cl. 358-28.000.
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- Korn, Heinrich, to Roder GmbH, Sitzmobelwerke. Apparatus for activating a bowden cable. 4,553,449, 11-19-85, Cl. 74-501.00R.
- Kornaker, Walter, to ITT Industries, Inc. Device for adjusting electron beams in a cathode-ray tube. 4,495,438, 1-22-85, Cl. 313-412.000.
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  - Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.
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- Korneli, Christa F., Michaela S. Korneli, Matthias W. Korneli, Sebastian Korneli, heirs: *See—*
  - Graetz, Reinhard; and Korneli, Julius W., deceased, 4,498,282, Cl. 57-218.000.
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  - Titus, Robert D.; and Kornfeld, Edmund C., 4,537,893, Cl. 514-293.000.
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- Kornrumpf, William P.; and Alley, Robert P., to General Electric Company. Operating circuit for magnetoelastic force/pressure sensors. 4,541,288, 9-17-85, Cl. 73-862.690.
- Kornrumpf, William P.; and Laughton, William J., to General Electric Company. Control apparatus and methods, heat transfer systems and apparatus and methods for controlling such systems and for sensing and indicating low fluid charge conditions therein. 4,561,261, 12-31-85, Cl. 62-126.000.
- Kornrumpf, William P.: *See—*
  - Alley, Robert P.; Harnden, John D., Jr.; and Kornrumpf, William P., 4,561,314, Cl. 73-862.690.
  - Harnden, John D., Jr.; and Kornrumpf, William P., 4,559,496, Cl. 324-127.000.
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- Kornus, Dieter; and Ruppert, Frank, to Daimler-Benz Aktiengesellschaft. Electrical position sensor for a movable element. 4,529,977, 7-16-85, Cl. 340-686.000.
- Kornylo, Walter P., to General Motors Corporation. Composite trim foundation panel and clip. 4,551,891, 11-12-85, Cl. 24-669.000.
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  - Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.

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Korol, Vyacheslav K.: *See—*
- Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.

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Korowitz, Simon, to General Signal Corporation. Communications network access rights arbitration. 4,509,117, 4-2-85, Cl. 364-200.000.

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Korsgen, Hans H.; and Weller, Wolfgang, to Coathylene S.A. Process for the production of polypropylene powders. 4,510,305, 4-9-85, Cl. 528-494.000.

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Korsunsky, Iosif, to AMP Incorporated. Chip carrier socket and contact. 4,547,031, 10-15-85, Cl. 339-75.00M.

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- Bakermans, Johannes C. W.; and Korsunsky, Iosif, 4,504,887, Cl. 361-399.000.
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Korsyn, Dever J. Method for repairing articles. 4,497,755, 2-5-85, Cl. 264-1.700.

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Korte, Kevin R.; and Wu, Dan T., to Brown & Williamson Tobacco Corporation. Tobacco treating process. 4,528,994, 7-16-85, Cl. 131-296.000.

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Korte, Kevin R.: *See—*
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Korte, Siegfried: *See—*
- Brauer, Wolfgang; Korte, Siegfried; Neukam, Theo; and Suling, Carlhans, 4,535,139, Cl. 526-287.000.
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Korteweg, Wayne, to Americal Corporation. Device for draining body fluids and irrigating solutions. 4,553,966, 11-19-85, Cl. 604-317.000.

Korth, Hans E., to International Business Machines Corporation. Method and apparatus for determining the polarization state of a light wave field. 4,516,855, 5-14-85, Cl. 356-367.000.

Korth, Jurgen, to P.A. Rentrop Hubbert & Wagner Fahrzeugausstattungen GmbH & Co. KG. Slide rail assembly for a vehicle seat. 4,526,424, 7-2-85, Cl. 297-473.000.

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Korthaus, Helmut: *See—*
- Wilke, Richard; and Korthaus, Helmut, 4,557,355, Cl. 188-173.000.

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Kortovich, James W.; and Micinski, Eugene, to Union Carbide Corporation. Manufacture of high quality graphite electrodes using calcined anthracite coal as raw material. 4,534,951, 8-13-85, Cl. 423-448.000.

Korytko, Myron I., to EFCO, Inc. Closed loop hydraulic/mechanical leveling system. 4,515,551, 5-7-85, Cl. 425-406.000.

Korzhov, Viktor I.: *See—*
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Kosa, David R.: *See—*
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Kosak, Wolfgang: *See—*
- Gassler, Hermann; and Kosak, Wolfgang, 4,513,712, Cl. 123-339.000.
- Jundt, Werner; Kosak, Wolfgang; and Werner, Peter, 4,559,483, Cl. 318-301.000.

Kosaka, Akira; Murao, Sawao; Hirano, Kenichi; Tanaka, Noriaki; and Matsunaga, Kuniyoshi, to Amano Pharmaceutical Co., Ltd. Method for the quantitative determination of physiological components in biological fluids. 4,554,249, 11-19-85, Cl. 435-10.000.

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Kosaka, Takashi; Koga, Takamasa; and Konishi, Kuniyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Timing extraction circuit. 4,527,277, 7-2-85, Cl. 375-82.000.

Kosaka, Tomoyoshi: *See—*
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Kosaka, Toshiyuki: *See—*
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Kosal, Jeffrey A.; and Plueddemann, Edwin P., to Dow Corning Corporation. Detergent composition with siliconate-zeolite and silicate builder. 4,534,880, 8-13-85, Cl. 252-174.130.

Kosal, Jeffrey A.: *See—*
- Chandra, Grish; Kosal, Jeffrey A.; Petroff, Lenin J.; and Plueddemann, Edwin P., 4,549,979, Cl. 252-135.000.

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Christiansen, Ole, 4,541,464, Cl. 141-198.000.
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Kosarev, Sergei P.: *See—*
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Kosch, Delmar D. Welding wire dispenser. 4,508,291, 4-2-85, Cl. 242-156.200.

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Koschnick, Gary A.: *See—*
Cooper, Merton G.; Kerns, William R.; Filley, Daniel E.; and Koschnick, Gary A., 4,509,549, Cl. 137-327.000.

Kosednar, Joseph: *See—*
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Koseki, Minoru: *See—*
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Koseki, Shoichiro, to Hitachi, Ltd. False recovery detection circuit for parallel or serial strings of thyristors. 4,527,227, 7-2-85, Cl. 363-54.000.

Koseki, Yoshihiro: *See—*
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Kosenko, Alexandr I.: *See—*
Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.

Koser, Gerald F.; and Carman, Carol S., to University of Akron, The. Iodonium salts. 4,513,137, 4-23-85, Cl. 546-14.000.

Koser, Jaroslav: *See—*
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Koser, Manfred. Variable gear transmission system. 4,497,221, 2-5-85, Cl. 74-793.000.

Koshar, Robert J.: *See—*
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Koshevar, Vasily D.: *See—*
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Koshi, Kenji: *See—*
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Koshida, Yoshinori: *See—*
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Hayashi, Yoshiaki; Haraguchi, Kouichi; and Koshidaka, Yukio, 4,524,045, Cl. 264-521.000.

Koshihara, Atsuo: *See—*
Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.

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Fujii, Hideichi; Yamane, Chiyoki; and Kawai, Fumio, 4,520,057, Cl. 428-68.000.

Koshii, Taro; and Yamashita, Mitsugu, to Toray Silicone Company, Ltd. Organopolysiloxane foam composition. 4,492,775, 1-8-85, Cl. 521-77.000.

Koshii, Taro: *See—*
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Koshikawa, Takao; Ueda, Tsunehiro; and Ozeki, Tadao, to Kawasaki Steel Corporation. Method of increasing casting width for a slab during a continuous casting operation. 4,522,251, 6-11-85, Cl. 164-491.000.

Koshikawa, Takao: *See—*
Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.
Yaji, Motoyasu; Shimizu, Masuto; Yamanaka, Hiromitsu; and Koshikawa, Takao, 4,553,604, Cl. 164-453.000.

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Tamura, Kazuhisa; and Koshimo, Masahiko, 4,493,674, Cl. 464-68.000.
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Koshinaka, Eiichi: *See—*
Itho, Yasuo; Kato, Hideo; Ogawa, Nobuo; Yamagishi, Kagari; Koshinaka, Eiichi; and Mitani, Kazuya, 4,525,356, Cl. 514-234.000.
Itoh, Yasuo; Kato, Hideo; Ogawa, Nobuo; Koshinaka, Eiichi; Suzuki, Tomio; and Yagi, Noriyuki, 4,528,287, Cl. 514-254.000.
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Koshino, Minoru: *See—*
Nishida, Hidehiko; Koshino, Minoru; Tateishi, Terutaka; and Hattori, Akira, 4,547,848, Cl. 364-200.000.

Koshino, Yoshinori; and Nakajima, Shiro, to Sumitomo Electric Industries, Ltd. Negative acting disc brake. 4,548,301, 10-22-85, Cl. 188-196.00C.

Koshino, Yutaka: *See—*
Ajima, Takashi; Ohshima, Jiro; and Koshino, Yutaka, 4,515,642, Cl. 148-1.500.
Akiyama, Tatsuo; Koshino, Yutaka; and Hiraki, Shunichi, 4,532,004, Cl. 156-653.000.
Hiraki, Shunichi; Kumamaru, Kuniaki; Koshino, Yutaka; and Yonezawa, Toshio, 4,542,400, Cl. 357-54.000.
Ohshima, Jiro; Abe, Masahiro; and Koshino, Yutaka, 4,502,207, Cl. 29-576.00B.
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Koshizuka, Kunihiro; Matsuzaka, Syoji; and Kojima, Takaaki, to Konishiroku Photo Industry Co., Ltd. Silver halide emulsion. 4,542,094, 9-17-85, Cl. 430-569.000.

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Kosik, Franz: *See—*
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Kosikowski, Frank V., to Cornell Research Foundation, Inc. Low sodium chloride ripened rennet cheeses by ultrafiltration. 4,515,815, 5-7-85, Cl. 426-40.000.

Kosinski, Sandra G.; Lemaire, Paul J.; and O'Connor, Paul B., to AT&T Bell Laboratories. Optical fiber preform manufacturing method. 4,504,297, 3-12-85, Cl. 65-3.110.

Koskan, Larry P.; Kugel, Roger W.; and Kekish, George T., to Nalco Chemical Company. Process of manufacturing a co-fuel additive with combustion-modifying effects. 4,530,701, 7-23-85, Cl. 44-51.000.

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Klein, Wilhelm; Koske, Jorg; Herzog, Siegfried; Jordan, Hans-Peter; Bauer, Wilhelm; Bausch, Max; and Grabner, Christian, 4,511,214, Cl. 350-632.000.

Koski, Erkki, to Valmet Oy. Headbox for a paper machine. 4,514,259, 4-30-85, Cl. 162-343.000.

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Koskinen, Ensio; and Yli-Vakkuri, Erkki, to Enso-Gutzeit Oy. Procedure for washing cellulose. 4,502,171, 3-5-85, Cl. 8-156.000.

Koskovich, Jerome E. Conveyor feed mechanism. 4,516,675, 5-14-85, Cl. 198-654.000.

Kosky, Philip G.: *See—*
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Koslar, Manfred, to Siemens Aktiengesellschaft. Testing device for indicating an electric voltage and its polarity and for continuity testing. 4,527,118, 7-2-85, Cl. 324-133.000.

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Kosley, Raymond W., Jr.; and Cherill, Robert J., to Hoechst-Roussel Pharmaceuticals Inc. Spiro[2H-1,4-benzodioxepin-3(5H)4'-piperidine and -3'-pyrrolidine] compounds and their use as antihypertensive agents. 4,521,537, 6-4-85, Cl. 514-302.000.

Koslow, Evan E., to Pall Corporation. System for removing contaminant particles from a gas. 4,537,608, 8-27-85, Cl. 55-337.000.

Koslow, Evan E., to Koslow Technologies Corporation. Portable self-contained oxygen generator apparatus and method. 4,548,730, 10-22-85, Cl. 252-186.430.

Koslow, James R., to Miller Special Tools, Division of Triangle Corporation. Fuel injection cleaning and testing system and apparatus. 4,520,773, 6-4-85, Cl. 123-198.00A.

Koslow Technologies Corporation: *See—*

Koslow, Evan E., 4,548,730, Cl. 252-186.430.

Koslowski, Gerhard: *See—*

Kupper, Wilhelm; and Koslowski, Gerhard, 4,498,644, Cl. 242-131.100.

Kosmalski, Hermann: *See—*

Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.

Kosmatka, Walter J., to General Electric Company. Motor vehicle headlamp. 4,520,433, 5-28-85, Cl. 362-296.000.

Kosmowski, Wojciech B. Pinless router. 4,530,627, 7-23-85, Cl. 409-80.000.

Kosner, Jerry J., to Bell & Howell Company. Variable width envelope feeder. 4,509,735, 4-9-85, Cl. 271-11.000.

Kosner, Jerry J.: *See—*

Fuss, Peter S.; and Kosner, Jerry J., 4,498,123, Cl. 361-427.000.

Koso International, Inc.: *See—*

Keller, William F.; and Sibley, Richard D., 4,503,717, Cl. 74-2.000.

Keller, William F.; and Sibley, Richard D., 4,513,629, Cl. 74-2.000.

Kosolapov, Gennady M.; Revin, Alexandr A.; Komarov, Jury Y.; Umnyashkin, Vladimir A.; Kondrashkin, Alexandr S.; and Sobolev, Jury A., to Znameni Politekhnichesky Institut. Anti-lock brake system of a motor vehicle. 4,536,041, 8-20-85, Cl. 303-119.000.

Kosonen, Vaino J.: *See—*

Willus, Charles A.; Kosonen, Vaino J.; and Sanchez, Dale R., 4,525,274, Cl. 210-232.000.

Kosonocky, Walter F.; and Elabd, Hammam, to RCA Corporation. Schottky-barrier diode radiant energy detector with extended longer wavelength response. 4,544,939, 10-1-85, Cl. 357-30.000.

Kosonocky, Walter F.; and Shallcross, Frank V. L., to RCA Corporation. Method of making a charge-coupled device imager which includes an array of Schottky-barrier detectors. 4,548,671, 10-22-85, Cl. 156-643.000.

Kosova, Ghenz. Running shoe. 4,492,046, 1-8-85, Cl. 36-27.000.

Kosovtsev, Vladimir A.: *See—*

Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zaguberljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.

Kosower, Edward M.; Pazhenchevsky, Barak; and Hershkowitz, Eli, to Tel Aviv University. 1,5-diazabicyclo [3.3.0.]octadienediones. 4,499,284, 2-12-85, Cl. 548-359.000.

Kosrow, Robert L.; and Talsma, Robert C., to Union Special Corporation. Apparatus for transfering and stacking short workpiece panels. 4,519,331, 5-28-85, Cl. 112-262.300.

Kosrow, Robert L.; and Yin, Chieh-Kung, to Union Special Corporation. Automatic sleeve making. 4,526,115, 7-2-85, Cl. 112-262.300.

Kosrow, Robert L., to Union Special Corporation. Automatic transfer apparatus. 4,531,721, 7-30-85, Cl. 270-45.000.

Kosrow, Robert L.: *See—*

Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., 4,528,922, Cl. 112-262.300.

Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., 4,530,295, Cl. 112-121.120.

Koss Corporation: *See—*

Baran, Michael S.; Besasie, Joseph C.; Warren, Wayne L.; and Montgomery, Allen W., 4,517,418, Cl. 179-156.00R.

Koss, Richard N.: *See—*

Yellin, Jacob A.; and Koss, Richard N., 4,560,600, Cl. 428-43.000.

Koss, Walter. Surgical instrument assembly. 4,541,427, 9-17-85, Cl. 128-305.300.

Kosson, Robert: *See—*

Alario, Joseph P.; Kosson, Robert; and Leszak, Edward, 4,545,427, Cl. 165-104.260.

Kosson, Robert L.: *See—*

Alario, Joseph P.; Brown, Richard F.; and Kosson, Robert L., 4,515,207, Cl. 165-1.000.

Kossor, Albert A.; and Kossor, Julius A. Automobile ventilation exhaust and rain shield. 4,527,466, 7-9-85, Cl. 98-2.130.

Kossor, Julius A.: *See—*

Kossor, Albert A.; and Kossor, Julius A., 4,527,466, Cl. 98-2.130.

Kossovskaya, Irina L.: *See—*

Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., 4,531,934, Cl. 604-22.000.

Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., to Gorkovsky Gosudarstvenny Meditsinsky Institute Imini S.M. Kirova. Apparatus for the fragmentation and aspiration of ocular tissue. 4,531,934, 7-30-85, Cl. 604-22.000.

Kostansek, Edward C., to Engelhard Corporation. Chalking-resistant, calcined kaolin clay pigment and method of making. 4,525,518, 6-25-85, Cl. 524-447.000.

Kostanty, Raymond G.; Sciabbarrasi, Michael; and Grossman, Walter B., to American Transceiver Corp. Helmet-supported radio transceiver and broadcast receiver system. 4,524,461, 6-18-85, Cl. 455-79.000.

Kostecki, Gene. Coating internal surfaces of curved conduits. 4,514,443, 4-30-85, Cl. 427-230.000.

Kostelezky, Walter: *See—*

Wohlfarth, Dieter; and Kostelezky, Walter, 4,525,782, Cl. 364-431.010.

Kostelitz, Michel; and Queille, Philippe, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Method of carburizing workpiece. 4,519,853, 5-28-85, Cl. 148-16.500.

Kostelnik, Robert J.; and Wambach, Allen D., to General Electric Company. Electrically conductive poly(butylene terephthalate) moldings and compositions therefor. 4,559,164, 12-17-85, Cl. 252-511.000.

Kosten, Richard B., to GTE Communication Systems Corporation. Cantilever spring telephone hookswitch adapted for printed wiring card mounting. 4,517,419, 5-14-85, Cl. 179-159.000.

Koster, Rainer: *See—*

Vejmelka, Peter; Kluger, Wolfgang; Koster, Rainer; and Hauser, Wolfgang, 4,533,395, Cl. 106-89.000.

Koster, Raymond E. Automatic fifth wheel lubrication system. 4,541,651, 9-17-85, Cl. 280-433.000.

Koster, Robert A.; and Traugott, Tom D., to Dow Chemical Company, The. Transparent impact resistant polymeric compositions and process for the preparation thereof. 4,530,973, 7-23-85, Cl. 525-310.000.

Koster, Waldemar: *See—*

Huber, Reinhold; and Koster, Waldemar, 4,516,284, Cl. 14-16.500.

Huber, Reinhold; and Koster, Waldemar, 4,537,003, Cl. 52-573.000.

Koster, William H.: *See—*

Kimball, Spencer D.; Kronenthal, David; and Koster, William H., 4,548,751, Cl. 260-245.400.

Sykes, Richard B.; Parker, William L.; Cimarusti, Christopher M.; Koster, William H.; and Slusarchyk, William A., 4,529,698, Cl. 435-121.000.

Koster, William M.: *See—*

Dederich, Stanley S.; Schoenfelder, George A.; and Koster, William M., 4,539,556, Cl. 340-515.000.

Kostin, Ivan M.: *See—*

Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.

Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Kostinko, John A., to J. M. Huber Corporation. Preparation of sodium silicate solutions. 4,539,191, 9-3-85, Cl. 423-275.000.

Kostorz, Jan R.: *See—*

Herring, William P.; and Kostorz, Jan R., 4,552,176, Cl. 137-625.400.

Pawelzik, Manfred; Herring, William P.; and Kostorz, Jan R., 4,535,814, Cl. 137-625.170.

Kostov, Georgi T.: *See—*

Marinov, Mihail T.; Petkanchin, Lyubomir T.; Pushev, Georgi I.; Kostov, Georgi T.; Mihovski, Mitko M.; and Manolova, Valentina A., 4,545,252, Cl. 73-633.000.

Kostow, Michael. Lotto dice. 4,498,671, 2-12-85, Cl. 273-144.00B.

Kostylev, Alexandr D.; Syryamin, Jury N.; Smolyanitsky, Boris N.; Boginsky, Vladimir P.; and Terskov, Alexei D. Rod-clamping means of a percussive air tool for driving into the ground and removing therefrom rod-like pieces. 4,516,662, 5-14-85, Cl. 173-53.000.

Kostyrkin, Boris V.: *See—*

Prikhodko, Valery V.; and Kostyrkin, Boris V., 4,493,961, Cl. 219-69.00R.

Kosuage Planning Co. Ltd.: *See—*

Kosuge, Masana, 4,548,588, Cl. 441-57.000.

Kosubek, Uwe: *See—*

Buhler, Ulrich; Kuhlein, Klaus; Tappe, Horst; Kallay, Maria; Kosubek, Uwe; and Lowenfeld, Rudolf, 4,552,953, Cl. 534-886.000.

Kosuda, Tooru: *See—*

Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, 4,546,338, Cl. 335-229.000.

Kosuge, Masana, to Kosuage Planning Co. Ltd. Swimming aid. 4,548,588, 10-22-85, Cl. 441-57.000.

Kosuge, Tokuo, to Hitachi, Ltd. Apparatus and method for controlling air amount upon engine start. 4,523,561, 6-18-85, Cl. 123-339.000.

Kosuge, Tokuo: *See—*

Karino, Kimiji; and Kosuge, Tokuo, 4,546,748, Cl. 123-494.000.

Kosuge, Wataru: *See—*

Nakajima, Hirohito; Haji, Katsumi; Shibata, Yoji; and Kosuge, Wataru, 4,538,176, Cl. 358-86.000.

Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, 4,518,989, Cl. 358-86.000.

Kosuge, Yasutaka: *See—*

Nunogaki, Yoshiaki; Kobayashi, Tetsuya; and Kosuge, Yasutaka, 4,550,417, Cl. 377-10.000.

Kosuge, Yutaka: *See—*

Kitagawa, Tadao; Kosuge, Yutaka; and Noda, Yoichiro, 4,525,702, Cl. 340-556.000.

Kosugi, Masao; Konuki, Tadashi; and Iizuka, Kazuo, to Canon Kabushiki Kaisha. Step type mask aligner. 4,530,587, 7-23-85, Cl. 355-53.000.

Kosugi, Masao: *See—*

Sato, Hiroshi; Yabu, Shuichi; and Kosugi, Masao, 4,506,977, Cl. 355-53.000.

Suzuki, Akiyoshi; Sato, Hirosi; Omata, Takashi; and Kosugi, Masao, 4,521,082, Cl. 350-405.000.

Kosugi, Takumi: *See*—
Uda, Junji; Yamamoto, Tsuneo; and Kosugi, Takumi, 4,515,915, Cl. 524-87.000.

Kosugi, Tetuo: *See*—
Matsushita, Yasuo; Nakamura, Kousuke; and Kosugi, Tetuo, 4,528,121, Cl. 252-516.000.

Kosugi, Yoshinobu; and Tachibana, Kaoru, to Slik Tripod Co., Ltd. Device for fixing a camera to a tripod. 4,525,052, 6-25-85, Cl. 354-293.000.

Kosuzume, Hiroshi: *See*—
Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.
Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,534,966, Cl. 424-94.000.
Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,540,569, Cl. 424-94.000.

Koszi, Louis A.: *See*—
Anthony, Philip J.; Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, 4,539,743, Cl. 29-576.00B.
Dixon, Richard W.; Joyce, William B.; Koszi, Louis A.; Miller, Richard C.; and Schwartz, Bertram, 4,514,896, Cl. 29-576.00B.
Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, 4,504,952, Cl. 372-45.000.
Hartman, Robert L.; Koszi, Louis A.; Williams, Richard S.; and Zilko, John L., 4,523,961, Cl. 148-1.500.

Koszyk, Kathleen. Compact portable humidifier. 4,540,529, 9-10-85, Cl. 261-91.000.

Koszytorz, Gunther; Lucke, Herbert; Schlosser, Gerhard; and Vath, Joachim, to Siemens Aktiengesellschaft. Apparatus for automatically adjusting a deflection unit. 4,493,990, 1-15-85, Cl. 250-201.000.

Kot, Vincent; Wallis, Bruce; and Robinson, Alfred, to Efcor, Inc. Armored cable connector. 4,549,755, 10-29-85, Cl. 285-341.000.

Kotake, Eiichi; Enami, Ken; and Wada, Kinzo, to Victor Company of Japan, Ltd. Rotation control device for information recording disc. 4,542,423, 9-17-85, Cl. 360-73.000.

Kotake, Kazuyoshi: *See*—
Jimbo, Yoshiji; and Kotake, Kazuyoshi, 4,528,487, Cl. 318-338.000.

Kotani, Kozo: *See*—
Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,542,061, Cl. 428-220.000.
Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,560,609, Cl. 428-220.000.

Kotani, Masataka: *See*—
Kamei, Ryosuke; Tanaka, Toyoaki; Sano, Takeshi; and Kotani, Masataka, 4,504,432, Cl. 264-177.00F.

Kotani, Matahira: *See*—
Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,491,853, Cl. 346-76.0PH.
Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,560,992, Cl. 346-76.0PH.

Kotani, Sho: *See*—
Adachi, Shichiro; and Kotani, Sho, 4,544,829, Cl. 219-237.000.

Kotani, Shozo: *See*—
Yokogawa, Kanae; Kotani, Shozo; Kawata, Shigeo; and Takase, Yoshiyuki, 4,515,891, Cl. 435-69.000.

Kotani, Sumihisa: *See*—
Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.
Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, 4,560,330, Cl. 418-55.000.

Kotani, Takeshi: *See*—
Okumura, Takeshi; Nakanishi, Kiyoshi; Kanda, Mutsumi; Kotani, Takeshi; and Inoue, Tokuta, 4,503,819, Cl. 123-188.00M.

Kotani, Toshihiro: *See*—
Kawasaki, Akihisa; Tada, Kohji; Kotani, Toshihiro; and Miyazawa, Shintaro, 4,537,652, Cl. 156-617.0SP.
Miyazawa, Shintaro; Nanishi, Yasushi; Tada, Kohji; Kawasaki, Akihisa; and Kotani, Toshihiro, 4,528,061, Cl. 156-605.000.

Kotani, Yasuhiro: *See*—
Hashimoto, Shintaro; Kotani, Yasuhiro; and Fujikawa, Yoshiyuki, 4,503,428, Cl. 340-792.000.

Kotani, Yasuo; and Hashimoto, Tokio, to Nippon Gohsei Kagaku Kogyo Kabushiki Kaisha. Process for depositing salts. 4,529,488, 7-16-85, Cl. 204-62.000.

Kotcharian, Michel, to Technigaz. Method of building a reservoir for storing a liquid at low temperature. 4,513,550, 4-30-85, Cl. 52-249.000.

Kotchy, Alan W. Flashlight holder. 4,508,249, 4-2-85, Cl. 224-219.000.

Kotecha, Harish N.: *See*—
Bracco, Al M.; Edenfeld, Arthur R.; and Kotecha, Harish N., 4,536,944, Cl. 29-571.000.

Kotera, Noboru; Eguchi, Shusaku; and Miura, Nono, to Kasei Optonix, Ltd. Phosphor. 4,512,911, 4-23-85, Cl. 252-301.40H.

Kotera, Nobuo; Hatano, Yuji; Asano, Atsushi; and Kawabe, Ushio, to Hitachi, Ltd. Superconducting logic circuit and superconducting switching device therefor. 4,555,643, 11-26-85, Cl. 307-476.000.

Kotera, Nobuo: *See*—
Harada, Yutaka; Yamashita, Kunio; Kotera, Nobuo; and Tanaka, Hirotoshi, 4,518,868, Cl. 307-306.000.

Koterasawa, Matsuro: *See*—
Naokawa, Toyojiro; and Koterasawa, Matsuro, 4,528,496, Cl. 323-315.000.

Koth, Detlev: *See*—
Klebe, Hans; Koth, Detlev; Kerner, Dieter; Schmid, Josef; and Schmid, Manfred, 4,503,092, Cl. 427-213.000.

Kothe, Norbert; and Eichentopf, Bertram, to Biotest Pharma GmbH. Method of preparing highly purified, stroma-free, non-hepatitic human and animal hemoglobin solutions. 4,526,715, 7-2-85, Cl. 260-112.00B.

Kotian, Vijayraj M.; Blumer, Roger L.; and Herbert, William J., to Eaton Corporation. Semi-conductive heating cable. 4,520,260, 5-28-85, Cl. 219-553.000.

Kotilge, Jorg: *See*—
Dietl, Josef; and Kotilge, Jorg, 4,515,600, Cl. 23-293.00R.

Koutschke, Ronald; and Stephan, Wolfgang, to Biotest-Serum-Institut GmbH. Coagulant plasma-protein solution. 4,503,039, 3-5-85, Cl. 424-101.000.

Kotlarewsky, Paul, to Mitel Corporation. Battery maintenance apparatus. 4,562,398, 12-31-85, Cl. 320-31.000.

Kotlewski, Witold: *See*—
Krecisz, Maria; Kotlewski, Witold; and Bebenkowski, Krzysztof, 4,496,930, Cl. 338-26.000.

Kotliar, Abraham M.; Sibilia, John P.; Hughes, Ronald H.; and Landy, Richard A., to Allied Corporation. Periclase refractory brick with oxyhydrocarbon component. 4,558,019, 12-10-85, Cl. 501-101.000.

Kotliar, Abraham M.: *See*—
Sacks, William; Sibilia, John P.; Kotliar, Abraham M.; Oltmann, Harold D.; and Chen, Shu P., 4,528,235, Cl. 428-220.000.

Kotlyarenko, Iosif Y.: *See*—
Telis, Alexandr I.; Epishin, Pavel P.; Korzhov, Viktor I.; Makarov, Gennady A.; Kotlyarenko, Iosif Y.; and Grischenko, Nikolai V., 4,506,143, Cl. 219-497.000.

Koto, Haruhiko, to Shinshu Seiki Kabushiki Kaisha; and Kabushiki Kaisha Suwa Seikosha. Low voltage ink-jet printhead. 4,502,058, 2-26-85, Cl. 346-140.00R.

Koto, Haruhiko, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Ink jet printing apparatus. 4,520,374, 5-28-85, Cl. 346-140.00R.

Koto, Haruhiko, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Ink jet recording head. 4,525,728, 6-25-85, Cl. 346-140.00R.

Koto, Haruhiko, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Low voltage ink-jet printhead. 4,546,362, 10-8-85, Cl. 346-140.00R.

Kotobuki & Co., Ltd.: *See*—
Hori, Jiro, 4,509,876, Cl. 401-217.000.
Midorikawa, Yoshio, 4,540,300, Cl. 401-107.000.

Kotobuki Engineering & Mfg Company, Ltd.: *See*—
Kawaguchi, Mitsuru, 4,515,316, Cl. 241-5.000.

Kotobuki Seihan Printing Co., Ltd.: *See*—
Kaneko, Sinobu; and Nakade, Hiroyuki, 4,539,647, Cl. 364-526.000.

Kotobuki Seiyaku Co., Ltd.: *See*—
Tomiyama, Tsuyoshi, 4,520,029, Cl. 514-479.000.

Kotoda, Yoshihiro: *See*—
Morinaga, Kaoru; Kawakami, Hiroshi; and Kotoda, Yoshihiro, 4,562,497, Cl. 360-96.300.
Tomita, Seiji; Morinaga, Kaoru; and Kotoda, Yoshihiro, 4,542,430, Cl. 360-106.000.

Kotowski, Thomas W., to General Motors Corporation. Power transistor protection from substrate injection. 4,496,849, 1-29-85, Cl. 307-254.000.

Kotrba, Zdenek: *See*—
Junek, Jan; Vorbornik, Vaclav; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Horthk, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.

Kotschenreuther, Paul C.: *See*—
Caprio, A. Ronald; Cyr, John P.; Geaghan, Bernard O.; Kotschenreuther, Paul C.; Schanin, David J.; and Salett, Ronald M., 4,556,953, Cl. 364-900.000.

Kotter, Gustav; and Mutschlknaus, Peter, to Multimatic Maschinen GmbH & Co. Dry-cleaning apparatus. 4,499,744, 2-19-85, Cl. 68-210.000.

Kotter, Wolfgang, to Robert Bosch GmbH. Hydraulic directional valve for controlling double-acting motor. 4,537,218, 8-27-85, Cl. 137-596.130.

Kotter, Wolfgang: *See*—
Fischer, Gunter; Kotter, Wolfgang; and Laschke, Robert, 4,503,728, Cl. 74-527.000.

Kotthaus, Erich, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Method for fabricating gears. 4,514,118, 4-30-85, Cl. 409-26.000.

Kotthaus, Erich, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. End cutter head, for gear cutting machines, cutters for end cutter heads and method for refacing said cutters. 4,530,623, 7-23-85, Cl. 407-22.000.

Kotting, Fritz, to Wernicke & Co. GmbH. Device for centering spectacle lenses and for fastening a holding part on the lenses. 4,543,752, 10-1-85, Cl. 51-277.000.

Kottke, Louis E., to Acco Babcock Inc. Roll swage device. 4,538,440, 9-3-85, Cl. 72-189.000.

Kottothara, Abraham C.: *See*—
Kelpin, Thomas G., Sr., 4,507,909, Cl. 56-9.000.

Kotulla, Bernhard; Weiser, Martin; Faltin, Jurgen; Preis, Lothar; Schmidt, Rudolf; and Born, Eberhard, to Bayer Aktiengesellschaft. Anchoring of tension members. 4,501,516, 2-26-85, Cl. 405-260.000.

Kotzi, Bernard. Rocking scale. 4,522,277, 6-11-85, Cl. 177-250.000.

Kotzur, Frank W., to Windings, Inc. Winding flexible material with layer shifting. 4,523,723, 6-18-85, Cl. 242-43.00R.

Kotzur, Joachim, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Liquid shaft packing having a reduced slide ring temperature. 4,555,117, 11-26-85, Cl. 277-173.000.

Kotzur, Joachim: *See—*
- Albers, Rolf; Aschenbruck, Emil; Neuhaus, Gunter; and Kotzur, Joachim, 4,523,764, Cl. 277-3.000

Kouba, Daniel J.: *See—*
- Boyle, David H.; and Kouba, Daniel J., 4,525,640, Cl. 307-450.000

Koubek, Edward, to American Sterilizer Company. Hydrogen peroxide liquid film sterilization method. 4,512,951, 4-23-85, Cl. 422-33.000.

Kouchi, Takashi; and Tamaoki, Eiki, to Rex Industries Co., Ltd. Control apparatus for metal saw cutter. 4,511,826, 4-16-85, Cl. 318-98.000.

Kouda, Fumio: *See—*
- Morita, Shigeki; Masai, Tadahisa; Nakashita, Shigeto; Uemura, Toshio; Kouda, Fumio; and Nawata, Tsuyoshi, 4,545,307, Cl. 110-264.000.

Kouda, Jyounichi: *See—*
- Yokoyama, Shigeki; Nakamura, Koki; Kouda, Jyounichi; and Sekiguchi, Nobuhisa, 4,555,480, Cl. 430-527.000.

Kouda, Kiyoshi: *See—*
- Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.

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- Angevine, Peter A.; Bengtsson, Sune; and Koudijs, George P., 4,544,542, Cl. 423-555.000.

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- Morishita, Mitsuharu; and Kouge, Shinichi, 4,513,239, Cl. 322-99.000.
- Morishita, Mitsuharu; and Kouge, Shinichi, 4,542,462, Cl. 364-424.000.
- Morishita, Mitsuharu; and Kouge, Shinichi, 4,543,521, Cl. 320-64.000.
- Morishita, Mitsuharu; and Kouge, Shinichi, 4,549,128, Cl. 322-99.000.
- Morishita, Mitsuharu; and Kouge, Shinichi, 4,561,036, Cl. 361-20.000.

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- Ikeda, Takayuki; Kouhara, Kazuo; and Sasaki, Minoru, 4,532,293, Cl. 524-754.000.

Kouichi, Ryujiro: *See—*
- Sawano, Kiyohito; Kouichi, Ryujiro; Oota, Hideaki; Takano, Masashi; and Moroe, Michio, 4,515,909, Cl. 523-102.000.

Kouji, Fukunaga: *See—*
- Kenji, Kubota; Kouji, Fukunaga; Yasuzo, Kirita; and Hidemune, Naito, 4,492,531, Cl. 417-279.000.

Koumura, Masahiko: *See—*
- Mizuno, Sueo; Mizutani, Katsushi; and Koumura, Masahiko, 4,505,253, Cl. 126-351.000.

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- Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, 4,521,805, Cl. 358-75.000.
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- Hasegawa, Shumpei; Kishi, Noriyuki; and Koumura, Takashi, 4,491,107, Cl. 123-339.000.
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Kouno, Kageaki: *See—*
- Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.

Kouno, Shuichiro: *See—*
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Kouns, Charles W. Optical method for remote determination of the geological nature of a homogeneous surface. 4,560,279, 12-24-85, Cl. 356-369.000.

Kountz, Kenneth J.; and Erth, Richard A., to Borg-Warner Corporation. Capacity control systems for inverter-driven centrifugal compressor based water chillers. 4,546,618, 10-15-85, Cl. 62-201.000.

Kource, Robert D.: *See—*
- Gee, Gary W.; Shumate, Daniel L.; Nieder, John J.; Bump, Boyd E.; and Kource, Robert D., 4,532,815, Cl. 73-864.630.

Kourimsky, Friedrich J. A., to AMP Incorporated. Electrical connector assembly having mating and unmating removable keys. 4,555,156, 11-26-85, Cl. 339-75.00M.

Kousaka, Michio: *See—*
- Kobayashi, Hiroshi; and Kousaka, Michio, 4,512,486, Cl. 215-249.000.

Koutavas, Samuel G.: *See—*
- Bennett, James W.; Howe, Gary L.; Jaakola, Kenneth A.; and Koutavas, Samuel G., 4,506,138, Cl. 219-205.000.

Koutonen, Pauli, to Oy Wartsila Ab. Method and arrangement for observing a position. 4,548,105, 10-22-85, Cl. 83-13.000.

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Kouzai, Fumio; and Motoki, Yoshiaki, to Mitsubishi Denki Kabushiki Kaisha. Energization indicator for time switch. 4,511,890, 4-16-85, Cl. 340-644.000.

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Kovac, Emil C.: *See—*
- Wood, Kenneth L.; and Kovac, Emil C., 4,534,466, Cl. 206-518.000.

Kovac, Patricia: *See—*
- Gerber, Bego; Block, Elliott; Bahar, Izak; Cantarow, Walter D.; Coseo, Mary; Eaton, Cheryl; Jones, Wendy; Kovac, Patricia; and Bruins, John, 4,503,143, Cl. 435-7.000.

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- Miller, James R.; Fayerman, Jeffrey T.; Kovacevic, Steven; and Beerman, Nancy E., 4,503,155, Cl. 435-172.300.

Kovach, Alan J.: *See—*
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Kovach, Stephen M.: *See—*
- Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,513,093, Cl. 502-84.000.
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- Hettinger, William P., Jr.; Kovach, Stephen M.; and Beck, Hubert W., 4,496,665, Cl. 502-521.000.
- Hettinger, William P., Jr.; Kovach, Stephen M.; and Beck, Hubert W., 4,552,647, Cl. 208-120.000.
- Zandona, Oliver J.; Hettinger, William P., Jr.; Kovach, Stephen M.; and Beck, Hubert W., 4,508,839, Cl. 502-65.000.

Kovacic, Guido: *See—*
- Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, 4,508,809, Cl. 430-237.000.
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Kovacs, Carl W.: *See—*
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Kovacs, Csaba A.: *See—*
Klijanowicz, James E.; and Kovacs, Csaba A., 4,536,598, Cl. 564-49.000.

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Bullock, Lance W.; Vlahek, Josip; and Kovacs, Ferenc, 4,500,277, Cl. 425-387.100.

Kovacs, Gabor: *See—*
Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, 4,520,018, Cl. 514-469.000.

Kovacs, Gabriella: *See—*
Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

Kovacs, Gregory J.: *See—*
Tam, Man C.; and Kovacs, Gregory J., 4,496,642, Cl. 430-41.000.

Kovacs, Gyula: *See—*
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Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.

Kovacs, Jenoe: *See—*
Heil, Guenter; Lenz, Werner; and Kovacs, Jenoe, 4,557,813, Cl. 204-159.140.
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Kovacs, Kamilla: *See—*
Boross, Laszlo ; Szajani, Bela; and Kovacs, Kamilla, 4,556,637, Cl. 435-181.000.

Kovacs, Lloyd, to Hayssen Manufacturing Company. Method of and apparatus for forming, filling and sealing packages. 4,532,753, 8-6-85, Cl. 53-451.000.

Kovacs, Lloyd: *See—*
James, Robert C.; and Kovacs, Lloyd, 4,553,668, Cl. 206-391.000.

Kovacs, Michael J. Bowling delivery reminder. 4,531,735, 7-30-85, Cl. 273-54.00B.

Kovacs, Paul. Device for the monitoring of ice formation. 4,538,064, 8-27-85, Cl. 250-231.00R.

Kovacs, Richard M., Jr.; Senger, Eugene J.; and Wake, Robert H., to Technicare Corporation. Non-circular emission computed tomography. 4,503,331, 3-5-85, Cl. 250-363.00S.

Kovacs, Robert J.: *See—*
Gerber, James E.; Kovacs, Robert J.; and Herrmann, Willy, 4,500,030, Cl. 228-125.000.
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Kovacs, Steve A., to Supreme Casting & Tooling. Blow molded article. 4,515,842, 5-7-85, Cl. 428-36.000.

Kovacs, Zsuzsanna M. I.: *See—*
Hagberg, Curt-Erik; Johansson, Karl N.; Kovacs, Zsuzsanna M. I.; and Stening, Goran B., 4,495,190, Cl. 514-262.000.

Kovacsay, Istvan: *See—*
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Kovak, Kenneth W.: *See—*
Agrawal, Rakesh; and Kovak, Kenneth W., 4,543,115, Cl. 62-25.000.

Koval, Alexander; and Whitlow, H. Donald, to Blue Mountain Industries. Turf conditioning apparatus. 4,505,338, 3-19-85, Cl. 172-611.000.

Kovalchik, Stephen J.: *See—*
Brown, Robert L.; Henley, Virgil E.; and Kovalchik, Stephen J., 4,498,948, Cl. 156-401.000.

Kovalenko, Igor L.: *See—*
Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.

Kovalenko, Vitaly I.: *See—*
Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl. 324-65.00R.

Kovalerchik, Vulf P.: *See—*
Lyakhevich, Genrikh D.; Suzansky, Vasily G.; and Kovalerchik, Vulf P., 4,499,218, Cl. 524-79.000.
Lyakhevich, Genrikh D.; Khimanych, Anatoly P.; Suzansky, Vasily G.; and Kovalerchik, Vulf P., 4,552,621, Cl. 202-84.000.

Kovalsky, Stephen J., to Sun Chemical Corporation. Manufacture of printing inks. 4,523,952, 6-18-85, Cl. 106-20.000.

Kovar, Robert F.: *See—*
Leunig, Carl V.; and Kovar, Robert F., 4,515,848, Cl. 428-172.000.

Kovari, Pal; Galambos, Tibor; Bogisich, Ferenc; and Teringer, Imre, to Magyar Vagon-es Gepgyar. Apparatus for the initial and improvement machining of active surface of steer cams, particularly of brake spanners. 4,553,885, 11-19-85, Cl. 409-201.000.

Kovnat, Larry A.: *See—*
Frey, Thomas M.; and Kovnat, Larry A., 4,519,000, Cl. 358-301.000.

Kovtun, Jury P.: *See—*
Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.

Kowa Co., Ltd.: *See—*
Inagi, Toshio; Muramatsu, Toyojiro; and Nagai, Hidetaka, 4,525,347, Cl. 424-81.000.
Iwasaki, Akio; Deushi, Takeo; Watanabe, Isamu; and Mori, Toshihito, 4,515,942, Cl. 536-16.800.
Mori, Toshihito; Yoshizaki, Hideo; and Hasegawa, Akio, 4,505,893, Cl. 424-94.000.
Murakami, Akira; and Yoshizaki, Hideo, 4,552,760, Cl. 424-94.000.
Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
Umezawa, Hamao; Oono, Masaji; Ishihama, Hiroshi; Kyotani, Yoshinori; and Takahashi, Yoshio, 4,511,509, Cl. 260-239.00A.

Kowa Shoji Kabushiki Kaisha: *See—*
Mori, Kashichi, 4,497,245, Cl. 99-542.000.

Kowa Shoji, Ltd.: *See—*
Kuroda, Takeshi, 4,509,408, Cl. 92-2.000.

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Gage, Clifford H., 4,513,901, Cl. 227-49.000.

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Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.

Kowalczyk, Thaddeus. Carburetor and system for utilizing same. 4,501,706, 2-26-85, Cl. 261-50.00R.

Kowalick, James F.: *See—*
DePhillipo, Thomas E.; and Kowalick, James F., 4,528,911, Cl. 102-513.000.

Kowalik, John: *See—*
Vaccaro, Frank E.; and Kowalik, John, 4,521,714, Cl. 313-422.000.

Kowalik, Joseph W.; and Krueger, David J., to Littelfuse, Inc. Time delay fuse. 4,533,895, 8-6-85, Cl. 337-165.000.

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Kowalik, Ralph M.: *See—*
Schulz, Donald N.; Kowalik, Ralph M.; Bock, Jan; and Maurer, John J., 4,546,784, Cl. 137-13.000.
Schulz, Donald N.; Peiffer, Dennis G.; Kowalik, Ralph M.; and Kaladas, Jeffrey J., 4,560,710, Cl. 523-175.000.

Kowalski, Anthony M.: *See—*
Masak, Raymond J.; and Kowalski, Anthony M., 4,516,126, Cl. 343-383.000.

Kowalski, Charles I.: *See—*
Nemeth, Joseph; and Kowalski, Charles I., 4,511,524, Cl. 264-61.000.

Kowalski, David A.: *See—*
Holland, Scott B.; Greene, Edward S.; Kowalski, David A.; and Strachan, Bruce D., 4,517,832, Cl. 73-118.000.

Kowalski, David J.: *See—*
Fong, Dodd W.; and Kowalski, David J., 4,546,156, Cl. 526-240.000.

Kowalski, Edward F.: *See—*
Swidwa, Kenneth J.; Hornak, Leonard P.; and Kowalski, Edward F., 4,511,531, Cl. 376-262.000.

Kowalski, Frank P., to Standex International Corporation. Patient treatment table. 4,520,800, 6-4-85, Cl. 128-72.000.

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Kowalski, Gunter, to U.S. Philips Corporation. Test method for workpieces. 4,546,384, 10-8-85, Cl. 358-107.000.

Kowalski, Michael S., to Guilford Kapwood Limited. Simulated cashmere fabric and method. 4,546,026, 10-8-85, Cl. 428-91.000.

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- Kowalski, Ronald C.: *See—*
  - Newman, Neil F.; and Kowalski, Ronald C., 4,501,859, Cl. 525-356.000.
- Kowalski, Walter C.: *See—*
  - Bishop, Ralph L.; Rich, William N.; and Kowalski, Walter C., 4,533,894, Cl. 337-107.000.
- Kowalski, Werner: *See—*
  - Damman, Ben; Scheffer, Hans; de Witte, Paul; Krause, Johannes; Haas, Hans; and Kowalski, Werner, 4,534,946, Cl. 423-315.000.
- Kowalsky, Martin I., to Autodynamics Corporation of America. Method of making bright-faced reinforced plastic bumper. 4,545,105, 10-8-85, Cl. 29-469.500.
- Kowarsch, Heinrich: *See—*
  - Radtke, Volker; Kowarsch, Heinrich; Hahn, Erwin; and Hauser, Peter, 4,491,544, Cl. 534-655.000.
- Kowata, Nobuo; and Sasano, Naoshige. Optical fiber junction device and method of making the same. 4,497,643, 2-5-85, Cl. 65-4.210.
- Kowatachi International, Ltd.: *See—*
  - Walton, Frank A.; and Perrinet, Paul M., 4,558,715, Cl. 137-99.000.
- Kowatsch, Hermann: *See—*
  - Gotz, Laszlo; and Kowatsch, Hermann, 4,531,097, Cl. 330-254.000.
- Kowles, John W.: *See—*
  - Marxer, John E.; and Kowles, John W., 4,553,137, Cl. 340-582.000.
- Kowles, Joseph E.: *See—*
  - Comeau, Joseph H.; Kowles, Joseph E.; Lareau, John P.; Mayo, Kenneth R.; and Runde, Herbert A., 4,493,155, Cl. 33-366.000.
- Kowol, Adelheid. Twin or forked boom for a sailing surfboard. 4,523,537, 6-18-85, Cl. 114-97.000.
- Koya, Masahiro: *See—*
  - Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.
- Koyachi, Hiroshi: *See—*
  - Miyabayashi, Yoshiyuki; Koyachi, Hiroshi; and Kurosawa, Yukihiro, 4,530,517, Cl. 280-752.000.
- Koyama, Arata: *See—*
  - Honma, Ichiro; Koyama, Arata; Amano, Masatoshi; and Takumi, Nobusuke, 4,551,327, Cl. 423-594.000.
- Koyama, Etsuo; and Nakamura, Kazuhiro, to Tekudaiya Kabushiki Kaisha. Moving coil type pickup cartridge. 4,558,443, 12-10-85, Cl. 369-139.000.
- Koyama, Haruo: *See—*
  - Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, 4,500,897, Cl. 346-209.000.
  - Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, 4,502,067, Cl. 346-214.000.
- Koyama, Hiroaki; and Shimizu, Shigeo, to Kanebo, Ltd. Resin composition containing granular or powdery phenol-aldehyde resin. 4,558,089, 12-10-85, Cl. 524-509.000.
- Koyama, Hiromichi: *See—*
  - Oie, Naoyuki; Koyama, Hiromichi; and Takegawa, Takafumi, 4,541,847, Cl. 55-124.000.
- Koyama, Hiroshi: *See—*
  - Ohno, Akira; Koyama, Hiroshi; Inoue, Kanji; and Ozawa, Hiroaki, 4,533,402, Cl. 148-12.400.
  - Yamaguti, Terushige; Miki, Toshinori; Mannaka, Toshio; Koyama, Hiroshi; and Kawano, Yukihiro, 4,545,228, Cl. 72-16.000.
- Koyama, Hiroyasu; Tsuji, Masahiro; and Suzuki, Yoshikuni, to Nisshin Flour Milling Co., Ltd. Isocarbostyril derivative. 4,517,365, 5-14-85, Cl. 546-142.000.
- Koyama, Hiroyasu: *See—*
  - Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, 4,514,573, Cl. 564-387.000.
  - Tahara, Yoshiyuki; Takahashi, Toshihiro; Koyama, Hiroyasu; Suzuki, Yoshikuni; and Yasuda, Masatoshi, 4,555,365, Cl. 260-404.000.
  - Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.
- Koyama, Katsuhiko: *See—*
  - Ohno, Yoshio; Koyama, Katsuhiko; and Nishio, Kohsaku, 4,544,247, Cl. 352-62.000.
- Koyama, Kazumi; Fukushima, Toshitaka; and Kawabata, Yuichi, to Fujitsu Limited. Tristate output buffer with high-impedance state responsive to increase in power supply voltage. 4,498,022, 2-5-85, Cl. 307-473.000.
- Koyama, Kenichi: *See—*
  - Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, 4,506,109, Cl. 174-128.00S.
- Koyama, Kenji; Ohno, Syotaro; and Fukuda, Mitsutoshi, to Toyo Soda Manufacturing Co., Ltd. Process for separating plasma albumin. 4,522,725, 6-11-85, Cl. 210-639.000.
- Koyama, Kenji: *See—*
  - Takagi, Mikio; Takasaki, Kanetake; and Koyama, Kenji, 4,539,068, Cl. 156-614.000.
  - Takasaki, Kanetake; Takagi, Mikio; and Koyama, Kenji, 4,532,022, Cl. 204-192.00D.
- Koyama, Kinichi, to Ogura Clutch Co., Ltd. Electromagnetic spring-wound clutch. 4,502,578, 3-5-85, Cl. 192-26.000.
- Koyama, Kiyomi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electron beam pattern generation system. 4,531,191, 7-23-85, Cl. 364-491.000.
- Koyama, Kiyomi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electron-beam lithographic apparatus. 4,538,232, 8-27-85, Cl. 364-491.000.
- Koyama, Koichi; Noguchi, Yasuhiro; and Toriuchi, Masaharu, to Fuji Photo Film Co., Ltd. Photographic light-sensitive material with nucleophilic displacement dye releasers. 4,551,423, 11-5-85, Cl. 430-559.000.
- Koyama, Koichi: *See—*
  - Sawada, Satoru; Fujita, Shinsaku; and Koyama, Koichi, 4,559,290, Cl. 430-203.000.
- Koyama, Masaaki: *See—*
  - Abe, Yoshiaki; and Koyama, Masaaki, 4,546,007, Cl. 427-8.000.
  - Abe, Yoshiaki; and Koyama, Masaaki, 4,552,780, Cl. 427-8.000.
- Koyama, Masaharu: *See—*
  - Sasaki, Ken; Matsuyama, Shigeru; Koyama, Masaharu; and Ichihara, Kazuyoshi, 4,494,825, Cl. 350-343.000.
- Koyama, Masao; Tsuruoka, Takashi; Ezaki, Norio; Miyauchi, Keinosuke; and Inouye, Shigeharu, to Meiji Seika Kaisha Ltd. Antibiotic pyrrolomycin E. 4,495,358, 1-22-85, Cl. 548-550.000.
- Koyama, Mikio; Kikugawa, Shozo; and Okaniwa, Kenichiro, to Konishiroku Photo Industry Co., Ltd. Analytical element. 4,551,307, 11-5-85, Cl. 422-56.000.
- Koyama, Mikio; Okaniwa, Kenichiro; Saruhashi, Masakuni; and Ohmachi, Yuko, to Konishiroku Photo Industry Co., Ltd. Analytical element. 4,557,901, 12-10-85, Cl. 422-56.000.
- Koyama, Mototsugu: *See—*
  - Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, 4,548,126, Cl. 92-213.000.
- Koyama, Naoki: *See—*
  - Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yoozi; and Sugita, Yutaka, 4,502,916, Cl. 156-643.000.
  - Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yooji; and Sugita, Yutaka, 4,503,517, Cl. 365-36.000.
- Koyama, Reikichi; and Usugi, Kikuo, to Clarion Co., Ltd. Device for reproduced sound pitch modification in a tape player. 4,562,488, 12-31-85, Cl. 360-8.000.
- Koyama, Sadao, to Tokiwado Kaminari Okoshi Co., Ltd. Instant rice gruel and method for producing same. 4,548,830, 10-22-85, Cl. 426-620.000.
- Koyama, Shigeo; and Sakata, Hiromi, to Mita Industrial Co., Ltd. Copying paper conveying device in electrostatic copying apparatus. 4,548,394, 10-22-85, Cl. 271-9.000.
- Koyama, Shoichi; and Iwata, Tetsuya, to Alps Electric Co., Ltd. Magnetic head and method of manufacturing the same. 4,514,776, 4-30-85, Cl. 360-121.000.
- Koyama, Syuntaro; Tomuro, Jinichi; Miyamoto, Tomohiko; Noguchi, Yoshiki; and Hishinuma, Yukio, to Hitachi, Ltd. Entrained flow coal gasification process. 4,531,949, 7-30-85, Cl. 48-202.000.
- Koyama, Takahiro; Matsumura, Haruo; and Morita, Teturo, to Daicel Chemical Industries, Ltd.; and Nichirin Chemical Industries Ltd. Process for the preparation of a powdery calcium cellulose glycolate. 4,508,893, 4-2-85, Cl. 536-85.000.
- Koyama, Takashi: *See—*
  - Asaka, Kazuo; and Koyama, Takashi, 4,539,197, Cl. 419-6.000.
- Koyama, Tamotsu: *See—*
  - Sasaki, Takehiko; and Koyama, Tamotsu, 4,545,647, Cl. 350-331.00R.
- Koyama, Teruo: *See—*
  - Arino, Masao; and Koyama, Teruo, 4,492,249, Cl. 137-515.000.
- Koyama, Toshihiro; Anbe, Yoshiharu; and Funahashi, Takuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and system for controlling an interstand tension in a continuous rolling mill. 4,507,946, 4-2-85, Cl. 72-17.000.
- Koyama, Toshio: *See—*
  - Ogawa, Harumi; Obikawa, Fumito; Koyama, Toshio; Otsubo, Yoshiaki; Wakabayashi, Hiroshi; and Otani, Tadashi, 4,525,049, Cl. 354-173.110.
- Koyama, Tsuneyuki, to Victor Company of Japan, Ltd. Tape end detecting device in a recording and/or reproducing apparatus for a miniature type tape cassette. 4,528,604, 7-9-85, Cl. 360-74.200.
- Koyama, Tsuneyuki, to Victor Company of Japan, Ltd. Video signal recording and/or reproducing apparatus having a function to temporarily stop recording. 4,554,604, 11-19-85, Cl. 360-95.000.
- Koyama, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Sheet-wound transformer. 4,491,817, 1-1-85, Cl. 336-60.000.
- Koyama, Yosuke: *See—*
  - Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, 4,529,697, Cl. 435-110.000.
- Koyanagi, Katubumi; Take, Hiroshi; and Uede, Hisashi, to Sharp Kabushiki Kaisha. Constant current/constant voltage drive for an electrochromic display cell. 4,535,329, 8-13-85, Cl. 340-785.000.
- Koyanagi, Masatoshi: *See—*
  - Kitamura, Yutaka; Kitora, Yoshihisa; and Koyanagi, Masatoshi, 4,492,885, Cl. 310-62.000.
- Koyanagi, Shunichi; Kitamura, Hajime; Shimizu, Toshihide; and Kaneko, Ichiro, to Shin-Etsu Chemical Co., Ltd. Method for pre-

venting polymer scale deposition in polymerization of ethylenically unsaturated monomers. 4,528,336, 7-9-85, Cl. 526-62.000.
Koyanagi, Takahiro; and Sakaoka, Hiromu, to Honda Giken Kogyo Kabushiki Kaisha. Intake device for internal combustion engine. 4,517,940, 5-21-85, Cl. 123-198.00E.
Koyanagi, Tohru: *See—*
  Haga, Takahiro; Koyanagi, Tohru; Nakajima, Toshio; and Ohshima, Takeshi, 4,504,665, Cl. 546-318.000.
Koyanagi, Yoshiharu: *See—*
  Minato, Hideo; Fujisaki, Tadashi; Shimizu, Kazufusa; and Koyanagi, Yoshiharu, 4,559,073, Cl. 71-9.000.
Koyanagi, Yuzo; Koike, Tetuo; Suzuki, Takayuki; and Shiozaki, Tadakazu, to Sanwa Seiki Mfg. Co., Ltd. Method of detecting fuel injection timing. 4,527,531, 7-9-85, Cl. 123-501.000.
Koyanagi, Yuzo, to Sanwa Seiki Mfg. Co., Ltd. Digital control method. 4,535,402, 8-13-85, Cl. 364-152.000.
Koyanagi, Yuzo, to Sanwa Seiki Mfg. Co., Ltd. Method of controlling hydraulic actuator. 4,558,679, 12-17-85, Cl. 123-502.000.
Koyo Auto-Mech. Co., Ltd.: *See—*
  Sano, Osamu, 4,535,798, Cl. 137-625.210.
Koyo Jidoki Co., Ltd.: *See—*
  Yamashita, Kyouichi, 4,549,454, Cl. 83-27.000.
Koyo Seiko Company Limited: *See—*
  Ikariishi, Koichi; Kitano, Toshiaki; Shinohara, Masanori; and Shimoji, Yasuo, 4,527,915, Cl. 384-480.000.
  Kitamura, Masayuki, 4,511,191, Cl. 384-536.000.
  Miki, Toshio; Toda, Yoshihide; and Horii, Kenichi, 4,522,515, Cl. 384-571.000.
  Yasui, Hiroyoshi; Yoshida, Teruo; Ueno, Hiroshi; and Tsumura, Katsunori, 4,523,862, Cl. 384-564.000.
Koyo Seiko Kabushiki Kaisha: *See—*
  Nakamura, Norihiko; Baika, Toyokazu; Miki, Toshio; and Kohigashi, Minoru, 4,494,495, Cl. 123-90.150.
  Nakamura, Norihiko; Baika, Toyokazu; Shibata, Yoshiaki; and Miki, Toshio, 4,561,390, Cl. 123-90.150.
Koza, John R.: *See—*
  Oberdeck, Martin K.; and Koza, John R., 4,540,628, Cl. 428-336.000.
Kozacik, John J. Flow through gas analyzer. 4,521,377, 6-4-85, Cl. 422-92.000.
Kozai, Katsuya, to Fuji Photo Film Co., Ltd. Camera back. 4,505,560, 3-19-85, Cl. 354-86.000.
Kozai, Yoshinori; Amemiya, Yoichi; and Iwamatsu, Noboru, to Fujitsu Fanuc Limited. Non-contacting, speed-detecting device of a direct-current generator type. 4,495,464, 1-22-85, Cl. 324-174.000.
Kozai, Yoshinori; Amemiya, Yoichi; and Asahara, Sunao, to Fanuc Ltd. Photoelectric converter-type pulse encoder. 4,536,649, 8-20-85, Cl. 250-231.0SE.
Kozak, Norman M., to A. O. Smith Corporation. Multiple load control apparatus having load equalization. 4,511,790, 4-16-85, Cl. 219-486.000.
Kozak, William G.: *See—*
  Sumner, William C., Jr.; Hoyer, Gale G.; and Kozak, William G., 4,505,885, Cl. 423-592.000.
Kozakae, Kunitoshi: *See—*
  Tanaka, Mitsuo; and Kozakae, Kunitoshi, 4,501,576, Cl. 474-141.000.
Kozakai, Asao; Watanabe, Shingo; and Nakanishi, Nobuyasu, to Aisin Seiki Kabushiki Kaisha; and Toyota Jidosha Kabushiki Kaisha. Regulator valve for hydraulic anti-skid apparatus. 4,492,414, 1-8-85, Cl. 303-116.000.
Kozakai, Daisuke; Amano, Toshio; and Nagai, Kunio, to Sony Corporation. Remote control system. 4,527,204, 7-2-85, Cl. 360-33.100.
Kozakai, Daisuke: *See—*
  Amano, Toshio; and Kozakai, Daisuke, 4,559,561, Cl. 358-192.100.
Kozaki, Shuichi; Ishii, Yutaka; and Funada, Fumiaki, to Sharp Kabushiki Kaisha. Liquid crystal display having uniform transmittance. 4,552,436, 11-12-85, Cl. 350-337.000.
Kozaki, Shuichi: *See—*
  Ishii, Yutaka; Minezaki, Shigehiro; Kozaki, Shuichi; and Funada, Fumiaki, 4,528,115, Cl. 252-299.630.
Kozam, George; and Romanelli, Pat. Patient employed digital operated syringe device for irrigating periodontal pockets and other soft tissue spaces. 4,512,769, 4-23-85, Cl. 604-209.000.
Kozar, John J. Flashlight with swivelling head. 4,533,982, 8-6-85, Cl. 362-183.000.
Kozar, John J. Lazy susan vise. 4,549,727, 10-29-85, Cl. 269-70.000.
Kozar, Robert S., to AMSTED Industries Incorporated. Solvent addition to deep bed filter. 4,512,901, 4-23-85, Cl. 210-792.000.
Kozawa, Tadashi, to Aisan Industry Co., Ltd. Canister for volatile fuel controlling device. 4,496,379, 1-29-85, Cl. 55-387.000.
Kozbur, Nestor: *See—*
  Reba, Imants; Schutz, Rudolph W.; and Kozbur, Nestor, 4,499,801, Cl. 83-24.000.
Kozel, Charles A.: *See—*
  Brown, Vincent B.; Kozel, Charles A.; and Scheitz, John T., 4,491,379, Cl. 339-97.00P.
  Brown, Vincent B.; Kozel, Charles A.; Scheitz, John T.; and Armando, John E., 4,537,456, Cl. 339-99.00R.
Kozel, James A., deceased: *See—*
  Rasmussen, Donald C., deceased; and Kozel, James A., deceased, 4,500,068, Cl. 251-205.000.
Kozel, Violet M., executor: *See—*
  Rasmussen, Donald C., deceased; and Kozel, James A., deceased, 4,500,068, Cl. 251-205.000.
Kozi, Martin F.: *See—*
  DeMeyer, Roy W.; and Kozi, Martin F., 4,537,061, Cl. 73-290.00R.
Koziar, Greg: *See—*
  Malcosky, Norman D.; and Koziar, Greg, 4,551,154, Cl. 48-193.000.
Kozik, Vladimir V.: *See—*
  Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.
Kozikowski, Casimir P. Standing poles and method of repair thereof. 4,543,764, 10-1-85, Cl. 52-746.000.
Kozima, Noboru: *See—*
  Terada, Toshimichi; Kuroyanagi, Tomomitsu; Kozima, Noboru; and Shibata, Akira, 4,550,345, Cl. 358-323.000.
Kozima, Yasuyuki; Sato, Kunio; Tadauchi, Masaharu; Suehiro, Hiroshi; and Inoue, Yasuo, to Hitachi, Ltd. Control circuit for matrix-driven recording. 4,543,644, 9-24-85, Cl. 364-900.000.
Kozinski, Thomas G.: *See—*
  Kenworthy, James S.; and Kozinski, Thomas G., 4,549,939, Cl. 204-4.000.
Koziol, Konrad: *See—*
  Zollner, Dieter H.; Zollner, Christine; Schieber, Franz; Lauterbach-Dammler, Inge; and Koziol, Konrad, 4,534,836, Cl. 204-67.000.
Koziol, Stanislaw; and Sgourakes, George E., to Foxboro Company, The. Small line-size vortex meter. 4,520,678, 6-4-85, Cl. 73-861.240.
Koziol, Walter, to Modern Home Products Corp. Adjustable burner assembly. 4,561,419, 12-31-85, Cl. 126-41.00R.
Kozlik, Antonin: *See—*
  Jeffery, James E.; Kozlik, Antonin; and Wilmshurst, Eric C., 4,522,828, Cl. 514-646.000.
Kozlik, Tony J.; and Spiesman, Robert L., to Honeywell Inc. Manchester decoder. 4,542,420, 9-17-85, Cl. 360-42.000.
Kozlik, Tony J., to Honeywell Inc. Method for initializing a token-passing local-area network. 4,551,721, 11-5-85, Cl. 340-825.520.
Kozlik, Tony J., to Honeywell Inc. Method for passing a token in a local-area network. 4,556,974, 12-3-85, Cl. 370-89.000.
Kozlov, Sergei P.: *See—*
  Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.
Kozlov, Vyacheslav I.: *See—*
  Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.
Kozlowski, Brian J.: *See—*
  Crawford, Gerald R.; and Kozlowski, Brian J., 4,540,539, Cl. 264-269.000.
Kozlowski, Edward R.: *See—*
  Williams, James E.; and Kozlowski, Edward R., 4,557,389, Cl. 211-13.000.
Kozlowski, Mark F.: *See—*
  Forman, Edward W.; and Kozlowski, Mark F., 4,541,583, Cl. 242-56.00A.
Kozlowski, Robert M.: *See—*
  Jennings, William B.; Kozlowski, Robert M.; and Hayes, Richmond S., Jr., 4,492,269, Cl. 165-172.000.
  Shelton, Edward B.; Hayes, Richmond S., Jr.; and Kozlowski, Robert M., 4,502,291, Cl. 62-285.000.
Kozlowski, Ronald J.: *See—*
  Samuel, Raj K.; Kozlowski, Ronald J.; and Pustek, Frank J., 4,549,909, Cl. 127-33.000.
Kozol, Edward J.: *See—*
  Fotiadis, Emanuel; Kozol, Edward J.; Leung, Tak L.; and Paul, Robert J., 4,516,678, Cl. 206-444.000.
Kozono, Shigeru; and Ishikawa, Keiichi, to Nippon Telegraph & Telephone Public Corporation. Cochannel interference measurement system. 4,561,114, 12-24-85, Cl. 455-226.000.
Kozponti Banyaszati Fejlesztesi Intezet: *See—*
  Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, 4,547,098, Cl. 405-291.000.
Kozponti Valto: *See—*
  Zimber, Bela; and Molnar, Imre, 4,509,330, Cl. 60-537.000.
Kozponti Valto es Hitelbank RT.: *See—*
  Boronyak, Imre; and Gyokhegyi, Laszlo, 4,532,087, Cl. 261-114.0JP.
Kozponti Valto-es Hitelbank Rt. InnovacioAlap: *See—*
  Szendrei, Kalman; Minker, Emil; Rozsa, Zsuzsanna; Koch, Lehel; and Wolf, Lajos, 4,511,559, Cl. 514-54.000.
Kozponti Valto- es Hitelbank RT. Innovacios Alap: *See—*
  Vajda, Gabor; Ravasz, Laszlo; Karacsonyi, Bela; and Tabajdi, Gabor, 4,493,853, Cl. 426-582.000.
Kozub, Stanley S. Pendulum putter. 4,491,323, 1-1-85, Cl. 273-81.00D.
Kozuka, Masayoshi; Mizutani, Tomihiko; and Narita, Kohji, to Inoue MTP Kabushiki Kaisha. Decorative plastic trim strip. 4,548,843, 10-22-85, Cl. 428-31.000.
Kozuka, Michihiro; and Tonokura, Masayuki, to Tomy Kogyo Company, Incorporated. Moving toy capable of being non-permanently assembled. 4,515,571, 5-7-85, Cl. 446-90.000.

Kozuka, Michihiro: *See—*
Ajiro, Yutaka; and Kozuka, Michihiro, 4,519,788, Cl. 446-356.000.
Weiland, Herbert; Nuttall, Michael; and Kozuka, Michihiro, 4,553,947, Cl. 446-443.000.
Kozuka, Nobuhiko: *See—*
Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.
Kozuki, Koichi; and Koike, Tatsuhiro, to Nippon Gakki Seizo Kabushiki Kaisha. Apparatus for printing out graphical patterns. 4,538,500, 9-3-85, Cl. 84-462.000.
Kozuki, Susumu; Maeda, Masaya; and Takimoto, Hiroyuki, to Canon Kabushiki Kaisha. Video recording system with focusing device. 4,495,527, 1-22-85, Cl. 360-33.100.
Kozuki, Susumu; Takimoto, Hiroyuki; and Maeda, Masaya, to Canon Kabushiki Kaisha. Component video system and arrangement for interconnecting the same. 4,507,689, 3-26-85, Cl. 360-33.100.
Kozuki, Susumu; and Takayama, Makoto, to Canon Kabushiki Kaisha. Video recording system. 4,544,959, 10-1-85, Cl. 360-33.100.
Kozuki, Susumu: *See—*
Maeda, Masaya; Takimoto, Hiroyuki; and Kozuki, Susumu, 4,531,164, Cl. 360-33.100.
Kozyrski, Vincent T., to Fletcher-Terry Corporation. Sheet cutting machine. 4,545,515, 10-8-85, Cl. 225-96.500.
Kraatz, Udo; Jager, Gerhard; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; Scharf, Hans-Dieter; and Frauenrath, Herbert, to Bayer Aktiengesellschaft. 2-aryl-2-azolylmethyl-1,3-dioxepine fungicides. 4,559,355, 12-17-85, Cl. 514-383.000.
Kraatz, Udo: *See—*
Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, 4,549,900, Cl. 71-92.000.
Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Regel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,530,715, Cl. 71-76.000.
Krabetz, Richard: *See—*
Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, 4,520,125, Cl. 502-170.000.
Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Lucas, Ekhart; Merger, Franz; and Nees, Friedbert, 4,496,770, Cl. 568-463.000.
Kracke, Alan G.; Hennenfent, Douglas J.; and Holmstrand, Allan L., to Magnetic Peripherals Inc. Method for calibrating a machining sensor. 4,559,743, 12-24-85, Cl. 51-165.00R.
Kracke, Alan G.: *See—*
Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., 4,517,041, Cl. 156-155.000.
Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., 4,536,992, Cl. 51-109.00R.
Kracke, Heinrich: *See—*
Bottcher, Hugo; Heimrich, Klaus; Hildebrandt, Gustav; Kracke, Heinrich; and Richter, Johannes, 4,551,297, Cl. 264-224.000.
Kraco Enterprises: *See—*
van Kreuningen, Rudolf, 4,513,335, Cl. 360-94.000.
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Kraft, Derald H.; and Hitchcock, Gary L., to Dyneer Corporation. Manufacture of poly-V sheet metal pulleys and product. 4,551,122, 11-5-85, Cl. 474-170.000.
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Kraft, Jack A.; and Kraft, Harold D., 4,502,342, Cl. 74-26.000.
Kraft, Helmut; and Ledjeff, Konstantin, to United States of America, Energy. Recombination device for storage batteries. 4,497,880, 2-5-85, Cl. 429-86.000.
Kraft, Helmut; Schumacher, Heinz; Pommer, Ernst-Heinrich; Schiotterbeck, Dietrich; and Ley, Gregor, to BASF Aktiengesellschaft. Copper complexes, their preparation, their use in controlling plant pests, and agents for such control. 4,528,185, 7-9-85, Cl. 424-81.000.
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Cribb, B. Jay, Jr.; Drozd, Edward J., Jr.; Wilmot, Ian R.; and Leap, Debradell C., 4,545,508, Cl. 222-153.000.
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Myer, William J.; and Lamppa, Reid G., 4,540,592, Cl. 426-557.000.
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Kraft, Wayne R.; Moore, Victor S.; Stahl, William L., Jr.; and Thoma, Nandor G., to International Business Machines Corporation. Bus line precharging tristate driver circuit. 4,531,068, 7-23-85, Cl. 307-473.000.
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Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,521,889, Cl. 372-87.000.
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Ebernard, Franck, 4,546,758, Cl. 126-451.000.
Emsperger, Werner; and Engelhardt, Reiner, 4,493,186, Cl. 60-39.182.
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Niemann, Hans-Joachim; and Sprehe, Josef, 4,512,957, Cl. 423-3.000.
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Krag, Mark D., to Dental Preventech, Inc. Device for cleaning teeth to prevent the formation of plaque. 4,550,741, 11-5-85, Cl. 132-89.000.
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Krahler, Stanley E.; and Remington, William R., to Du Pont de Nemours, E. I., and Company. Manufacture of chloromethyl-substituted polyfluoroalkyl esters. 4,517,376, 5-14-85, Cl. 560-87.000.
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- Kraig, Leon; and Langenfeld, Mathew, to General Mills, Inc. Hollow, puffed fruit products and methods of preparation. 4,515,822, 5-7-85, Cl. 426-445.000.
- Krajcovic, John: *See—*
  - Diggle, Edmund A., Jr.; and Krajcovic, John, 4,523,389, Cl. 34-105.000.
- Krajcsovics, Ferenc: *See—*
  - Boday, Otto ; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, 4,509,434, Cl. 110-238.000.
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  - Kolbe, Klaus; Hellmann, Walter; Krajec, Otmar; Schikowsky, Hartmut; and Vetter, Heinz, 4,515,648, Cl. 156-196.000.
- Krajewski, John J.: *See—*
  - Zimmerman, John M.; Krajewski, John J.; and Noren, Gerry K., 4,562,235, Cl. 526-304.000.
- Krakauer, Lawrence; and Bliss, Lawrence, to Kronos, Inc. Method of and apparatus for discriminating between various types of check-out periods in employee time-recording systems and the like. 4,524,266, 6-18-85, Cl. 235-377.000.
- Krakowski, David: *See—*
  - Wendt, Alan C.; and Krakowski, David, 4,497,150, Cl. 52-242.000.
- Kralik, James G.; and Corcoran, William H., to California Institute of Technology. Method for removing sulfur from fossil fuels. 4,492,588, 1-8-85, Cl. 44-1.00R.
- Krall, Donald J., to Kendale Industries, Inc. Thrust bearing and method of making same. 4,505,524, 3-19-85, Cl. 384-615.000.
- Krallmann, Reinhold: *See—*
  - Bergmann, Udo; Degen, Helmut; Hansen, Guenter; Krallmann, Reinhold; and Weber, Hans, 4,537,597, Cl. 8-639.000.
- Kralowetz, Bruno, to GFM Gesellschaft fur Fertigungstechnik und Maschinenbau Gesellschaft m.b.H. Swaging machine. 4,497,195, 2-5-85, Cl. 72-402.000.
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  - Potapkin, Viktor F.; Morozov, Igor A.; Fedorinov, Vladimir A.; and Ravich, Alexandr S., 4,541,263, Cl. 72-243.000.
- Krambeck, Frederick J.; McGovern, Stephen J.; and Sauer, John E., to Mobil Oil Corporation. Method and apparatus for injecting liquid hydrocarbon feed and steam into a catalytic cracking zone. 4,555,328, 11-26-85, Cl. 208-157.000.
- Krambrock, Wolfgang; and Hoppe, Hans, to Waeschle Maschinenfabrik GmbH. Air classifier. 4,528,092, 7-9-85, Cl. 209-139.00R.
- Kramer, Arthur W., to Westinghouse Electric Corp. Heat exchanger tube sheet radial support. 4,503,903, 3-12-85, Cl. 165-76.000.
- Kramer, Axel: *See—*
  - Teubner, Herbert; Kramer, Axel; Weuffen, Wolfgang; Schrotter, Eberhard; and Grubel, Gerhard, 4,532,367, Cl. 568-745.000.
- Kramer, Carl; Gerhardt, Hans-Joachim; and Kreft, Ulrich. Shielding device to reduce wind velocity. 4,529,173, 7-16-85, Cl. 256-12.500.
- Kramer, Carl; and Kuster, Hans-Werner, to Saint-Gobain Vitrage. Method and apparatus for uniformly coating a substrate with a powder. 4,533,571, 8-6-85, Cl. 427-180.000.
- Kramer, Charles D.: *See—*
  - Rivers, John; Kramer, Charles D.; and Cox, Robert L., 4,532,873, Cl. 110-347.000.
- Kramer, Charles F., to Steel Heddle Manufacturing Company. Extruded heddle rod and cap. 4,492,256, 1-8-85, Cl. 139-92.000.
- Kramer, Charles F., to Steel Heddle Manufacturing Company. Releasable heddle rod connector. 4,503,890, 3-12-85, Cl. 139-92.000.
- Kramer, Charles F.: *See—*
  - Bowen, James B.; and Kramer, Charles F., 4,508,145, Cl. 139-92.000.
  - Rast, John L.; Hall, Wayne A.; Kramer, Charles F.; and Stenhouse, William L., 4,529,014, Cl. 139-435.000.
- Kramer, Charles J., to Xerox Corporation. Microdeflector facet tracker for scanning system. 4,559,562, 12-17-85, Cl. 358-208.000.
- Kramer, Cornelis: *See—*
  - Zonneveld, Frans W.; and Kramer, Cornelis, 4,535,245, Cl. 250-385.000.
- Kramer, Dan H., to Atari, Inc. Digital-analog conversion for shaft encoders. 4,496,936, 1-29-85, Cl. 340-347.00P.
- Kramer, Daniel E. Refrigeration compressor with pump actuated oil return. 4,530,215, 7-23-85, Cl. 62-84.000.
- Kramer, Daniel P., to United States of America, Energy. Pressurized heat treatment of glass-ceramic to control thermal expansion. 4,536,203, 8-20-85, Cl. 65-29.000.
- Kramer, Dennis M.: *See—*
  - Bielinski, Ralph F.; Chacon, M. Frank; Kramer, Dennis M.; Mathias, William R.; and Schneider, Stanley, 4,538,199, Cl. 361-93.000.
- Kramer, Dieter; Pennewiss, Horst; Plainer, Hermann; Schnee, Reiner; and Schleier, Waldemar, to Rohm GmbH. Hydrophilic polymer carrier for proteins. 4,511,694, 4-16-85, Cl. 525-54.100.
- Kramer, Donald J. Dock connector and stabilizer. 4,543,903, 10-1-85, Cl. 114-263.000.
- Kramer, Donald L. Bubble detecting infusion apparatus. 4,559,454, 12-17-85, Cl. 250-577.000.
- Kramer, Edward T. Direction altering device. 4,515,244, 5-7-85, Cl. 182-230.000.
- Kramer, Erhardt; Moller, Dieter; and Brauer, Ralph, to Benz & Hilgers GmbH. Machine for dosing, filling and packaging of a doughy or pasty food substance. 4,505,311, 3-19-85, Cl. 141-129.000.
- Kramer, Erich: *See—*
  - Henk, Hermann; Kramer, Erich; Schundehutte, Karl H.; and Nickel, Horst, 4,540,776, Cl. 534-635.000.
- Kramer, Franklin; Bruins, Henderikus B.; Giacone, Joseph; and Carbillet, Luc L., to General Foods Corporation. Continuous chewing gum method. 4,555,407, 11-26-85, Cl. 426-5.000.
- Kramer, Fritz; Skornscheck, Thomas E.; and Strauss, Ernest, to Sanifoam, Inc. Apparatus and method for applying a foam layer to cover and seal dumped waste. 4,519,338, 5-28-85, Cl. 118-305.000.
- Kramer, G. Richard, to Polaroid Corporation. Film processor having a loading door interlock. 4,540,263, 9-10-85, Cl. 354-304.000.
- Kramer, George H.: *See—*
  - Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
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- Kramer, George J., to Minnesota Mining and Manufacturing Company. Magnetically attractable developer material transport apparatus. 4,555,174, 11-26-85, Cl. 355-3.0DD.
- Kramer, George M.; Weissman, Walter; Brown, Herbert C.; and Pettit, Rowland, deceased (by Pettit, Flora H., executrix), to Exxon Research & Engineering Co. Preparing esters and carboxylic acids from lower olefins. 4,518,798, 5-21-85, Cl. 560-233.000.
- Kramer, George M.; and Ernst, Edwin R., to Exxon Research & Engineering Co. Adamantane derivative/surfactant catalyzed paraffin-olefin alkylation. 4,560,825, 12-24-85, Cl. 585-724.000.
- Kramer & Grebe GmbH & Co. KG: *See—*
  - Grebe, Reiner; Norbisrath, Max; and Schmidt, Karl-Heinz, 4,520,963, Cl. 241-30.000.
- Kramer, Henry P. Method and apparatus for coding pictorial information for efficient storage, transmission and reproduction. 4,529,228, 7-16-85, Cl. 283-1.00R.
- Kramer, James H., to B. F. Goodrich Company, The. Floating structures. 4,497,593, 2-5-85, Cl. 405-212.000.
- Kramer, Johannes: *See—*
  - Hempel, Hans-Ulrich; Novotny, Rudolf; Staller, Siegfried; and Kramer, Johannes, 4,561,873, Cl. 65-27.000.
- Kramer, Kenneth D., to Deere & Company. Poppet valve with float function. 4,506,700, 3-26-85, Cl. 137-596.160.
- Kramer, Lee F.; Schantz, Ronald K.; Kirkham, Steven C.; and Tschanz, Charles M., to Dresser Industries, Inc. Hydraulic control for a dozer blade. 4,505,339, 3-19-85, Cl. 172-812.000.
- Kramer, Manfred: *See—*
  - Bohm, Martin; Kramer, Manfred; and Schwartz, Reinhard, 4,530,327, Cl. 123-357.000.
  - Ebert, Rolf; Knorreck, Peter; Kramer, Manfred; and Merkel, Wilfried, 4,559,816, Cl. 73-119.00A.
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- Kramer, Marcy J.; Warneke, William C.; Meyer, Gustavo A.; and Jha, Mahesh C., to Amax Inc. Production of potassium hexafluotitanates using dilute hydrofluoric acid. 4,497,779, 2-5-85, Cl. 423-72.000.
- Kramer, Melvin G., to Brunton Company, The. Autopilot system. 4,542,464, 9-17-85, Cl. 364-457.000.
- Kramer, Peter K. G., to ITT Industries, Inc. Push button slide switch. 4,533,804, 8-6-85, Cl. 200-159.00R.
- Kramer, Petrus A.: *See—*
  - van Helden, Robert; and Kramer, Petrus A., 4,497,966, Cl. 568-705.000.
- Kramer, Richard: *See—*
  - Irwin, Charles; Devine, Janet; and Kramer, Richard, 4,501,285, Cl. 134-58.00R.
- Kramer, Richard L., to General Motors Corporation. Position control mechanism for a vehicle ignition lock. 4,520,640, 6-4-85, Cl. 70-248.000.
- Kramer, Robert. Tire pressure indicator. 4,520,664, 6-4-85, Cl. 73-146.800.
- Kramer, Steven G. Tamper resistant closure member. 4,526,293, 7-2-85, Cl. 221-298.000.
- Kramer, Steven R.: *See—*
  - Chao, Vivian W.; Kaufman, Frank B.; Kramer, Steven R.; and Lin, Burn J., 4,543,319, Cl. 430-312.000.
- Kramer, Thomas, to Coca-Cola Company, The. Truck with exchangeable load carrier. 4,500,248, 2-19-85, Cl. 414-459.000.
- Kramer, Wolfgang; Jautelat, Manfred; and Kranz, Eckart, to Bayer Aktiengesellschaft. Alkylcycloalkyl imidazolylmethyl ketones as fungicide intermediates. 4,492,795, 1-8-85, Cl. 548-341.000.
- Kramer, Wolfgang; Reiser, Wolf; Berg, Dieter; Brandes, Wilhelm; and Reinecke, Paul, to Bayer Aktiengesellschaft. 1,3-dioxacyclopentanes, their pesticidal use and compositions for pesticidal use. 4,503,059, 3-5-85, Cl. 514-326.00A.
- Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, to Bayer Aktiengesellschaft. Combating fungi with substituted 1-azolyl-butan-2-ones and -2-ols. 4,549,900, 10-29-85, Cl. 71-92.000.
- Kramer, Wolfgang: *See—*
  - Brandes, Wilhelm; Kaspers, Helmut; Reinecke, Paul; Scheinpflug, Hans; and Kramer, Wolfgang, 4,514,402, Cl. 514-250.000.
  - Jager, Gerhard; Buchel, Karl H.; Kramer, Wolfgang; Frohberger, Paul-Ernst; and Brandes, Wilhelm, 4,505,922, Cl. 514-383.000.

Knops, Hans-Joachim; Kramer, Wolfgang; and Frohberger, Paul-Ernst, 4,495,184, Cl. 514-238.000.

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Kramers, Aloysius A. J., to Akzona Incorporated. Method of forming latent-contractable elastomeric composite yarns. 4,554,121, 11-19-85, Cl. 264-103.000.

Kramert, Arthur R. Firebox for burning solid fuels cleanly. 4,557,250, 12-10-85, Cl. 126-125.000.

Kramler, Josef; Kuhn-Kuhnenfeld, Franz; and Gerber, Hans-Adolf, to Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH. Process for the manufacture of semiconductor wafers with a rear side having a gettering action. 4,539,050, 9-3-85, Cl. 148-1.500.

Kramler, Josef: *See—*

Kuhn-Kuhnenfeld, Franz; Kramler, Josef; and Gerber, Hans-Adolf, 4,522,656, Cl. 148-1.500.

Krampe & Co. Fertigung in Bergbaubedarf GmbH Zweigniederlassung: *See—*

Best, Gerd; and Weikert, Norbert B., 4,498,707, Cl. 299-81.000.

Krampe, Hubert: *See—*

Baas, Willem; Hof, Tette; Comes, Heinrich; Jaunich, Helmut; and Krampe, Hubert, 4,524,954, Cl. 266-45.000.

Krampe, Josef. Wire and cable stripping device. 4,557,164, 12-10-85, Cl. 81-9.410.

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Kramski, Wiestaw, 4,543,865, Cl. 83-146.000.

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Kranauer, Erwin: *See—*

Ebner, Anneliese; and Kranauer, Erwin, 4,549,406, Cl. 62-241.000.

Kraner, James L.: *See—*

Fendley, James R.; Kraner, James L.; and Pekosh, Raymond J., 4,559,019, Cl. 445-67.000.

Kranich, Neil J., II; and Boivin, Wallace E., Jr., to ASEA Electric, Inc. Low voltage rotary tap changer. 4,533,797, 8-6-85, Cl. 200-11.0TC.

Kranich, Neil J., II, to ASEA Electric, Inc. High voltage linear tap changer. 4,562,316, 12-31-85, Cl. 200-16.00D.

Kranner, Helmut: *See—*

Kappl, Gerhard; Kranner, Helmut; and Lihl, Reinhard, 4,516,459, Cl. 83-713.000.

Krans, Richard. Sailing craft. 4,503,795, 3-12-85, Cl. 114-39.000.

Krantz, Gary B.: *See—*

Taylor, Charles E.; Gattiker, Anton; and Krantz, Gary B., 4,515,468, Cl. 355-27.000.

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Krantz, Robert J., to Cyclops Corporation. Method for marking hot pipe. 4,493,859, 1-15-85, Cl. 427-193.000.

Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Kegel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, to Bayer Aktiengesellschaft. Cycloalkyl (α-triazolyl-β-hydroxy)-ketones as fungicides and plant growth regulators. 4,530,715, 7-23-85, Cl. 71-76.000.

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Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.

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Kranz, Jakob; Kaiser, Joachim; Wiegemann, Hans-Bertram; and Baron, Klaus U., to Teldix GmbH. Laser rotation rate sensor. 4,556,320, 12-3-85, Cl. 356-350.000.

Kranz, Joachim: *See—*

Fechner, Wolf D.; Polster, Rudolf; Kranz, Joachim; and Hartmann, Eduard, 4,523,958, Cl. 106-288.00Q.

Kranz, Jurgen, to Metzeler Kautschuk GmbH. Apparatus for electrostatically coating elongated workpieces with flock. 4,505,224, 3-19-85, Cl. 118-636.000.

Kranz, Ken E.: *See—*

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Kranz, Kermit W. Collapsible container construction. 4,552,271, 11-12-85, Cl. 211-41.000.

Kranz, Max L.; and Gadberry, Donald L., to U.S.D. Corp. First and second stage regulator system for breathing gas. 4,498,471, 2-12-85, Cl. 128-204.260.

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Kranzer, Ditmar, to Siemens Aktiengesellschaft. Method for manufacturing fast bipolar transistors. 4,495,010, 1-22-85, Cl. 148-175.000.

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Krapcho, John, to E. R. Squibb & Sons, Inc. Certain-4-hydroxy-proline derivatives. 4,499,287, 2-12-85, Cl. 548-532.000.

Krappel, Alfred; Guggenmos, Johannes; and Holzmann, Josef, to Bayerische Motoren Werke Aktiengesellschaft. Ignition system for internal combustion engines. 4,506,643, 3-26-85, Cl. 123-418.000.

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Krappitz, Heinz: *See—*

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Krasborn, Gottfried: *See—*

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Kraska, Allen R.: *See—*

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Krasnjanski, David, to United States of America, Navy. Geomagnetic velocimeter. 4,509,131, 4-2-85, Cl. 364-565.000.

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Krason, Robert P.; and Chick, James P. Method of machining and vise for use therein. 4,529,183, 7-16-85, Cl. 269-43.000.

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Krass, Dennis K.; Crano, John C.; and Newman, Melvin S., to PPG Industries, Inc. Method for preparing aldoxime or ketoxime-O-alkanoic acid. 4,504,671, 3-12-85, Cl. 560-21.000.

Krass, Dennis K.; and Richter, Sidney B., to PPG Industries, Inc. Herbicidally active quinoline or quinoxaline acetophenone oxime derivatives. 4,528,025, 7-9-85, Cl. 71-92.000.

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Krasser, Fritz; and Kinner, Josef, to Ellenberger & Poensgen GmbH. Overcurrent protection switch. 4,516,098, 5-7-85, Cl. 335-35.000.

Krasser, Fritz; and Peter, Josef, to Ellenberger & Poensgen GmbH. Actuating fixture for push-pull switch. 4,540,864, 9-10-85, Cl. 200-302.200.

Krasso, Anna; and Ramuz, Henri, to Hoffmann-La Roche Inc. Pyridyl methyl thio or sulfinyl indeno(5,6-d)imidazoles. 4,554,280, 11-19-85, Cl. 514-338.000.

Krasznai, Charles Z.; and Norwood, Richard L., to Black & Decker Inc. Electric toaster oven broiler control. 4,517,452, 5-14-85, Cl. 219-413.000.

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Kratochvil, Jiri; and Janata, Jiri, to Critikon, Inc. Oxygen sensor for rapid blood gas analysis. 4,533,456, 8-6-85, Cl. 204-415.000.

Kratt, Alfred; Peter, Cornelius; Ruppmann, Claus; and Schillinger, Rainer, to Robert Bosch GmbH. Method and apparatus for controlling at least one throttle cross section in a control line. 4,494,517, 1-22-85, Cl. 123-585.000.

Kratt, Alfred: *See—*

Braun, Gunter; Kratt, Alfred; and Schleicher, Rolf, 4,513,711, Cl. 123-339.000.

Kratt, Kurt, to J. Hengstler K.G. Resettable mechanical counter. 4,506,373, 3-19-85, Cl. 377-88.000.

Kratz, Richard L.; Kiser, Darrel R.; and Smith, R. Scott, to American Energy Corporation. Baffle for controlled air incinerators. 4,531,463, 7-30-85, Cl. 110-212.000.

Kratzenberg, Wolfgang; and Baeslack, Bernd, to Wegmann & Co. GmbH. Apparatus for the supervision of a combat vehicle, especially an armored vehicle. 4,533,327, 8-6-85, Cl. 434-20.000.

- Kratzer, John D. Engine heating system. 4,520,769, 6-4-85, Cl. 123-142.50R.
- Kratzer, Reinhold H.: *See—*
  - Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,557,869, Cl. 260-349.000.
  - Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,559,175, Cl. 260-349.000.
- Kratzer, Wolfgang; and Thilo, Peer, to Siemens Aktiengesellschaft. Method and circuit arrangement for measuring a magnetic field. 4,503,395, 3-5-85, Cl. 324-253.000.
- Krauchick, Walter. Radiator cap removing device. 4,512,215, 4-23-85, Cl. 81-3.440.
- Krauland, Konrad L., Jr. Method and apparatus of producing continuous three-dimensional fabrics. 4,526,026, 7-2-85, Cl. 66-1.00R.
- Kraus, Arthur A., Sr. Three-phase leakage protection by electronic control. 4,532,568, 7-30-85, Cl. 361-42.000.
- Kraus, Charles E., to Excelermatic Inc. Traction roller transmission. 4,491,038, 1-1-85, Cl. 74-798.000.
- Kraus, Charles E., to Excelermatic Inc. Hydraulic speed control arrangement for an infinitely variable transmission. 4,501,172, 2-26-85, Cl. 74-867.000.
- Kraus, Charles E., to Excelermatic Inc. Infinitely variable traction roller transmission speed control arrangement. 4,526,051, 7-2-85, Cl. 74-200.000.
- Kraus, Charles E., to Excelermatic Inc. Fixed ratio traction roller transmission. 4,537,093, 8-27-85, Cl. 74-798.000.
- Kraus, Charles J.; Stoller, Herbert I.; and Wu, Leon L., to International Business Machines Corporation. High density wired module. 4,535,388, 8-13-85, Cl. 361-414.000.
- Kraus, Charles J.: *See—*
  - Feinberg, Irving; Kraus, Charles J.; and Stoller, Herbert I., 4,546,413, Cl. 361-410.000.
- Kraus, Friedrich, to Siemens Aktiengesellschaft. Method for the manufacture of extremely fine structures. 4,529,686, 7-16-85, Cl. 430-314.000.
- Kraus, Georg: *See—*
  - Druschke, Frank; Kraus, Georg; Kuenzel, Ulrich; Ruh, Wolf D.; and Schaefer, Rolf, 4,557,796, Cl. 156-643.000.
- Kraus, George A., to Iowa State University Research Foundation, Inc. Amidoalkylation reactions of anilines. 4,545,935, 10-8-85, Cl. 260-245.700.
- Kraus, Guenther M.: *See—*
  - Carty, Michael W.; and Kraus, Guenther M., 4,554,721, Cl. 29-416.000.
- Kraus, Helmut: *See—*
  - Engelmann, Manfred; Plewan, Otto; Kraus, Helmut; and Klippert, Heinz, 4,546,135, Cl. 524-158.000.
- Kraus, Josef; and Klein, Karl-Heinz, to Kuka Schweissanlagen & Roboter GmbH. Dual line production system and method. 4,548,346, 10-22-85, Cl. 228-47.000.
- Kraus, Mark G.: *See—*
  - Oates, Robert M.; Petronio, Carlo F.; and Kraus, Mark G., 4,518,917, Cl. 324-207.000.
- Kraus, Richard B., to General Kinematics Corporation. Method of and apparatus for forming a liner in a furnace or other vessel. 4,534,730, 8-13-85, Cl. 432-3.000.
- Kraus, Richard B.: *See—*
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- Kraus, Richard J. Portable urinal. 4,528,703, 7-16-85, Cl. 4-144.200.
- Kraus, Robert A. Linear displacement transducer device. 4,531,414, 7-30-85, Cl. 73-705.000.
- Kraus, Robert G.; and Quick, James R., to International Paper Company. Non-woven heating element. 4,534,886, 8-13-85, Cl. 252-502.000.
- Kraus, Theodore C., to Olin Corporation. Preparation of metal cyanates from alkyl carbamates. 4,496,529, 1-29-85, Cl. 423-365.000.
- Kraus, Theodore C.: *See—*
  - O'Connor, James M.; Kraus, Theodore C.; and Schnabel, Wilhelm J., 4,522,975, Cl. 524-702.000.
- Kraus, Walter: *See—*
  - Bohn, Hans; and Kraus, Walter, 4,500,451, Cl. 260-112.00R.
- Kraus, Willibald, to TRW Inc. Molded plastic socket with easy-on hard-off stud engager. 4,518,297, 5-21-85, Cl. 411-437.000.
- Kraus, Willibald, to TRW United-Carr GmbH. Plastic fastening component. 4,558,494, 12-17-85, Cl. 24-297.000.
- Krause, Andreas: *See—*
  - Kuhl, Uwe; Krause, Andreas; and Kruger, Horst, 4,511,118, Cl. 251-137.000.
- Krause, Arthur A.: *See—*
  - Lim, Walter K.; and Krause, Arthur A., 4,518,103, Cl. 222-135.000.
- Krause, Brian W.: *See—*
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- Krause, Charles E.; and Moore, William J., to Kimberly-Clark Corporation. Method and apparatus for producing an elasticized garment by tucking a portion of the diaper web during bonding of elastic to the untucked portions of the web. 4,498,944, 2-12-85, Cl. 156-205.000.
- Krause, Dennis L., to AT&T Technologies, Inc. Methods of and apparatus for sputtering material onto a substrate. 4,491,509, 1-1-85, Cl. 204-192.00R.
- Krause, Dennis L., to AT&T Technologies, Inc. Film-type electrical substrate circuit device and method of forming the device. 4,539,434, 9-3-85, Cl. 174-68.500.
- Krause, Erich, to PKM Projektionsgesellschaft. High frequency generator for welding apparatus. 4,504,720, 3-12-85, Cl. 219-10.770.
- Krause, Friedrich, to Knorr-Bremse GmbH. Control system for electropneumatic compressed air brakes for rail vehicles. 4,533,185, 8-6-85, Cl. 303-3.000.
- Krause, Glenn C.; and Blounts, Joseph, to Hoddie Corporation, Inc., The. Self supplying hawk. 4,511,063, 4-16-85, Cl. 222-75.000.
- Krause, Hans-Joachim: *See—*
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- Krause, Hans-Peter: *See—*
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- Krause, Horst E.; and Stanley, Edwin L. Method and apparatus for pumping blood within a vessel. 4,493,697, 1-15-85, Cl. 604-50.000.
- Krause, Joachim: *See—*
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  - Romer, Michael; Krause, Joachim; and Weber, Georg, 4,544,771, Cl. 568-329.000.
- Krause, Johannes: *See—*
  - Damman, Ben; Scheffer, Hans; de Witte, Paul; Krause, Johannes; Haas, Hans; and Kowalski, Werner, 4,534,946, Cl. 423-315.000.
- Krause, Lothar: *See—*
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- Krause, Norbert, to Siemens Aktiengesellschaft. High-frequency field system for nuclear magnetic resonance apparatus. 4,506,224, 3-19-85, Cl. 324-319.000.
- Krause Plow Corporation: *See—*
  - Pfenninger, Billy J.; and Stansel, F. Harrison, 4,535,848, Cl. 172-311.000.
- Krause, Robert A. Intermodal rail truck and coupling system. 4,547,107, 10-15-85, Cl. 410-58.000.
- Krause, Robert F.; Rauch, Gary C.; and Kasner, William H., to Westinghouse Electric Corp. Laser scribing apparatus and process for using. 4,535,218, 8-13-85, Cl. 219-121.0LH.
- Krause, Robert F.: *See—*
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- Krause, Ruben L.: *See—*
  - Pischke, James W.; McFadden, Russell T.; Krause, Ruben L.; and Moore, Charles H., 4,560,736, Cl. 526-312.000.
- Krause, Vernon C. Dry soap dispenser. 4,527,764, 7-9-85, Cl. 248-309.100.
- Krause, Warren H.: *See—*
  - Eskamani, Abolghassem; and Krause, Warren H., 4,536,584, Cl. 549-429.000.
- Krause, Werner: *See—*
  - Pieper, Werner; and Krause, Werner, 4,507,249, Cl. 260-502.40R.
  - Schimmel, Gunther; Krause, Werner; and Gradl, Reinhard, 4,503,016, Cl. 423-24.000.
  - Schimmel, Gunther; Heymer, Gero; Krause, Werner; and Pieper, Werner, 4,525,333, Cl. 423-112.000.
- Krause, William F., Jr.; and Hopmann, Mark E., to Baker Oil Tools, Inc. Downhole locking apparatus. 4,510,995, 4-16-85, Cl. 166-217.000.
- Krauser, Christopher P., to Ohio Table Pad Company, The. Table pad interlock assembly. 4,517,232, 5-14-85, Cl. 428-57.000.
- Krauser, Robert S. Method and apparatus for treating ailments. 4,523,589, 6-18-85, Cl. 128-203.270.
- Kraushaar, Robert J., to ITT Corporation. Reflective Fabry-Perot interferometer. 4,542,988, 9-24-85, Cl. 356-352.000.
- Krauss, Leland L.: *See—*
  - Benin, Joshua; Delp, Helen R.; and Krauss, Leland L., 4,521,263, Cl. 156-159.000.
- Krauss-Maffei Aktiengesellschaft: *See—*
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  - Bauer, Adolf, 4,510,120, Cl. 422-133.000.
  - Eichlseder, Martin; and Burkle, Erwin, 4,512,733, Cl. 425-207.000.
  - Eichlseder, Martin; and Burkle, Erwin, 4,530,605, Cl. 366-79.000.
  - Habeck, Reinhold; Mackiol, Norbert; Mautner, Franz; and Schwarzler, Peter, 4,510,871, Cl. 105-167.000.
  - Hesse, Hans, 4,503,952, Cl. 188-306.000.
  - Hultsch, Gunther, 4,536,288, Cl. 210-325.000.
  - Mautner, Franz; Schwarzler, Peter; and Mittermaier, Manfred, 4,526,107, Cl. 105-133.000.
  - Molzer, Peter; Pollner, Jurgen; Topic, Nicola; Trummer, Gregor; and Zurek, Rudolf, 4,512,560, Cl. 269-20.000.
  - Schmitz, Horst; and Krompass, Wolfgang, 4,497,579, Cl. 366-134.000.
  - Schwarzler, Peter, 4,510,421, Cl. 318-135.000.
- Krauss, Mark J., to American Cord & Webbing Co., Inc. Buckle having improved web securement. 4,525,901, 7-2-85, Cl. 24-200.000.
- Krauss, Olaf: *See—*
  - Schweikl, Ludwig; and Krauss, Olaf, 4,545,791, Cl. 55-182.000.
- Krauss, Peter; Reinhardt, Jurgen; and Seissl, Johann, to Siemens Aktiengesellschaft. Television installation comprising a circuit arrangement for the compensation of amplitude variations. 4,509,074, 4-2-85, Cl. 358-111.000.
- Krauss, Robert; and Binder, Klaus, to Peroxid-Chemie GmbH. Lid with vent valve. 4,549,668, 10-29-85, Cl. 220-203.000.
- Krauss, Rudolf: *See—*
  - Hafner, Udo; Hans, Waldemar; Krauss, Rudolf; and Sauer, Rudolf, 4,502,632, Cl. 239-125.000.
  - Hafner, Udo; Krauss, Rudolf; and Langer, Werner, 4,527,744, Cl. 239-585.000.
  - Knapp, Heinrich; Sauer, Rudolf; Krauss, Rudolf; and Hafner, Udo, 4,555,060, Cl. 239-585.000.

Krauss u. Reichert GmbH & Co. KG: *See—*
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Krauss, Werner; and Vogt, Heinrich, to Claudius Peters AG. Mixing silo for pneumatically homogenizing fine-grained or dust-like material. 4,542,991, 9-24-85, Cl. 366-106.000.
Krauter, Immanuel; and Schweizer, Hartmut, to Robert Bosch GmbH. Engine ignition system. 4,495,931, 1-29-85, Cl. 123-651.000.
Krauth, Axel: *See—*
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  Keller, Hartmut; Krauth, Axel; and Kreiner, Roswitha, 4,521,356, Cl. 264-60.000.
Krauth, Dieter: *See—*
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Krautkraemer GmbH: *See—*
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  Renzel, Peter; and Kroesen, Klaus, 4,513,621, Cl. 73-631.000.
  Rutloh, Max, 4,497,211, Cl. 73-606.000.
Krautkramer, Gunter, to Jacob Berg KG. Container closure for supplying air to or removing air from a container. 4,533,062, 8-6-85, Cl. 220-258.000.
Krautkremer, Franz; Lais, Siegfried; Knecht, Reinhold; and Stache, Detlev, to Schottel-Werft Josef Becker GmbH & Co KG. Device for controlling the direction of movement and thrust force of a watercraft. 4,519,335, 5-28-85, Cl. 114-144.00R.
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Krautwald, Herbert: *See—*
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Kravas, Helen A.: *See—*
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Kravits, Richard: *See—*
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Kravitz, Marvin; Freedman, Larry A.; Fredd, Elmer H.; and Denef, Dan E., to United States of America, National Aeronautics and Space Administration. Television camera video level control system. 4,495,520, 1-22-85, Cl. 358-219.000.
Krawiec, Richard M.: *See—*
  Fitzpatrick, Stephen T.; and Krawiec, Richard M., 4,526,946, Cl. 526-202.000.
Krawiec, Robert; and Menting, James E., to QO Chemicals, Inc. Fast curing furan foundry binder system containing a metal salt accelerator. 4,543,373, 9-24-85, Cl. 523-144.000.
Krawiecki, Peter: *See—*
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Kray, William D.: *See—*
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Kreager, William D., to Frito-Lay, Inc. Method and apparatus for sealing bags. 4,517,787, 5-21-85, Cl. 53-450.000.
Kreager, William D., to Frito-Lay, Inc. Apparatus and method for ultrasonic sealing of packages. 4,517,790, 5-21-85, Cl. 53-552.000.
Kreager, William D.; and Berger, Kenneth R., to Frito-Lay, Inc. Method and apparatus for ultrasonic sealing. 4,534,818, 8-13-85, Cl. 156-466.000.
Kreager, William D., to Frito-Lay, Inc. Method and apparatus forming fin-type back seal using cohesive sealants without externally applied heat. 4,555,289, 11-26-85, Cl. 156-203.000.
Kreamer, William. Control for solar system. 4,498,457, 2-12-85, Cl. 126-429.000.
Kreamer, William C., to FMC Corporation. Method and apparatus for packaging articles such as fruit. 4,537,009, 8-27-85, Cl. 53-441.000.
Kreamer, William C., to FMC Corporation. Method and apparatus for packaging articles such as fruit. 4,561,236, 12-31-85, Cl. 53-509.000.
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Krebs, Ernst P., to Hoffmann-La Roche Inc. Polyene compounds. 4,539,154, 9-3-85, Cl. 260-410.90N.
Krebs, Gerd, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Tire loader. 4,547,012, 10-15-85, Cl. 294-93.000.
Krebs, Jay; and Freeburg, Thomas A., to Motorola, Inc. Method and apparatus for communicating variable length messages between a primary station and remote stations of a data communications system. 4,519,068, 5-21-85, Cl. 370-82.000.
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  Freeburg, Thomas A.; and Krebs, Jay, 4,517,669, Cl. 370-82.000.
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Krebs, William T. Curved surface sanding device. 4,536,994, 8-27-85, Cl. 51-328.000.
Krebser, Werner; and Schmidt, Karl H. Centrifugal casting machine with means for balancing by interconnection of balancing mass and muffler holder. 4,527,610, 7-9-85, Cl. 164-287.000.
Krec, Zdenek, to Siemens Aktiengesellschaft. Fuse terminal. 4,559,504, 12-17-85, Cl. 337-194.000.
Krech, Thomas D.; and May, David C., to Minnesota Mining and Manufacturing Company. Elastomeric pavement marker having improved configuration. 4,521,129, 6-4-85, Cl. 404-10.000.
Krecisz, Maria; Kotlewski, Witold; and Bebenkowski, Krzysztof, to Politechnika Warszawska. In-line fire detector of a fire protection and alarm system. 4,496,930, 1-29-85, Cl. 338-26.000.
Krecke, Edmond D. Process for the production of leather base material. 4,536,430, 8-20-85, Cl. 428-151.000.
Kreeger, Elsmer W.; and Stahl, Edward L., to Pinckney Molded Plastics, Inc. Collapsible container. 4,508,237, 4-2-85, Cl. 220-6.000.
Kreeger, Elsmer W., to Pinckney Molded Plastics, Inc. Multilevel stacking container. 4,523,681, 6-18-85, Cl. 206-507.000.
Kreft, Brad W. Hose clamp apparatus. 4,546,524, 10-15-85, Cl. 24-274.00R.
Kreft, Hans-Dietrich, to Angewandte Digital Elektronik GmbH. Device for identifying an information particularly an electronic lock-/key combination. 4,549,176, 10-22-85, Cl. 340-825.310.
Kreft, John R.; and Moss, Elvis W., to Brunswick Corporation. Ratchet spring. 4,496,115, 1-29-85, Cl. 242-84.10R.
Kreft, Rolf H., to Ventilatorenfabrik Oelde GmbH. Tubular-filter device with compressed-air cleanout. 4,504,288, 3-12-85, Cl. 55-302.000.
Kreft, Ulrich: *See—*
  Kramer, Carl; Gerhardt, Hans-Joachim; and Kreft, Ulrich, 4,529,173, Cl. 256-12.500.
Kreft, Wilfried, to Krupp Polysius AG. Method and apparatus for heat treatment of fine-grained material. 4,492,566, 1-8-85, Cl. 432-14.000.
Kregler, Helmuth: *See—*
  Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
Kregness, Glen R., to Sperry Corporation. Fast error checked multibit multiplier. 4,523,210, 6-11-85, Cl. 364-760.000.
Kregness, Glen R.; Criswell, Peter B.; and DeKarske, Clarence W., to Sperry Corporation. Error checked high speed shift matrix. 4,556,978, 12-3-85, Cl. 371-49.000.
Krehan, Ingomar: *See—*
  Sirrenberg, Wilhelm; Marhold, Albrecht; Hammann, Ingeborg; Krehan, Ingomar; and Stendel, Wilhelm, 4,536,587, Cl. 549-366.000.
Krehbiel, Eldon W. Shearing apparatus. 4,544,366, 10-1-85, Cl. 30-216.000.
Krehel, Charles A.; and Kaniwec, George N., to Cooper Thermometer Company, The. Fuel gauge for propane tank. 4,524,617, 6-25-85, Cl. 73-296.000.
Krehnovi, Richard J., to PPG Industries, Inc. Glass sheet positioning apparatus for conveyor platform. 4,493,412, 1-15-85, Cl. 198-434.000.
Kreibiehl, Guenter: *See—*
  Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,511,678, Cl. 521-52.000.
  Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,540,717, Cl. 521-52.000.
Kreider, James F.: *See—*
  Cockrum, Charles A.; Chia, Joan K.; and Kreider, James F., 4,524,378, Cl. 357-71.000.
Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, to Richter Gedeon Vegyeszeti Gyar Rt. Cimetidine Z, a new crystal modification of cimetidine. 4,537,900, 8-27-85, Cl. 514-400.000.
Kreienbrink, Volker: *See—*
  Dorpmund, Willi; and Kreienbrink, Volker, 4,527,765, Cl. 248-346.000.
Kreighbaum, William E.; and Comer, William T., to Mead Johnson & Company. Heterocyclic substituted aryloxy 3-indolyl-tertiary butylaminopropanols. 4,495,352, 1-22-85, Cl. 544-284.000.
Kreij, Sven-Erik, to Stal-Laval Turbin AB. Gas turbine plant with a fluidized bed combustion chamber. 4,498,285, 2-12-85, Cl. 60-39.100.
Kreij, Sven-Erik: *See—*
  Brannstrom, Roine; and Kreij, Sven-Erik, 4,498,286, Cl. 60-39.100.
Kreikebaum, Gerhard: *See—*
  Desai, Avinash J.; and Kreikebaum, Gerhard, 4,511,791, Cl. 219-497.000.
Kreil, Curtis L.: *See—*
  Evans, Jack L.; Campbell, Karen J.; Kreil, Curtis L.; and Sidney, LuAnn, 4,533,566, Cl. 427-44.000.
Kreilein, Kurt; Geschonke, Hans; Rummel, Wolfgang; and Wiemer, Hardo, to Wacker-Chemie GmbH. Process and apparatus for manufacturing vinyl chloride polymers. 4,528,337, 7-9-85, Cl. 526-70.000.
Kreimes, Norbert: *See—*
  Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,515,331, Cl. 242-199.000.

Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,541,587, Cl. 242-197.000.

Krein, Reuben. Free standing, waterproof lining for truck industry. 4,516,906, 5-14-85, Cl. 414-786.000.

Kreinbrink, Paul H.: *See—*

Hymore, Frank J.; and Kreinbrink, Paul H., 4,496,386, Cl. 65-106.000.

Kreiner, Roswitha: *See—*

Keller, Hartmut; Krauth, Axel; and Kreiner, Roswitha, 4,521,356, Cl. 264-60.000.

Kreisberg, Valery A.: *See—*

Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.

Kreischer, Cody B., to Recon/Optical, Inc. Panoramic unity vision system. 4,561,733, 12-31-85, Cl. 350-618.000.

Kreisel, Rudolf; and Meyer, Walter, to Schering Aktiengesellschaft. Rinsing of articles to remove an adhering substance. 4,537,640, 8-27-85, Cl. 134-18.000.

Kreiskott, Horst: *See—*

Steiner, Gerd; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Lenke, Dieter, 4,548,933, Cl. 514-255.000.

Treiber, Hans J.; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Traut, Martin, 4,499,087, Cl. 514-211.000.

Kreismer, Heinz: *See—*

Napp, Gerhard; Bieringer, Ulrich; Kreismer, Heinz; and Goseberg, Walter, 4,500,833, Cl. 323-359.000.

Kreiss, Wolfgang: *See—*

Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.

Kreissler, Helmut: *See—*

Gehrung, Manfred; Schoettle, Klaus; Kreissler, Helmut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, 4,514,937, Cl. 51-281.0SF.

Kreitchman, Morton A.; and Arnold, Kurt, to Valcor Engineering Corporation. Valve for use in jet engine systems and the like. 4,561,468, 12-31-85, Cl. 137-625.500.

Kreitmair, Albert: *See—*

Nath, Gunther; Kreitmair, Albert; and Jaeger, Vincent, 4,539,987, Cl. 128-303.100.

Kreitzberg, Jeffrey P., to Nelson Irrigation Corporation. Flow control nozzle. 4,492,339, 1-8-85, Cl. 239-230.000.

Kreitzer, Melvyn H., to Vivitar Corporation. Catadioptric lens. 4,523,816, 6-18-85, Cl. 350-444.000.

Krejza, Jurgen: *See—*

Bauer, Ewald; and Krejza, Jurgen, 4,512,495, Cl. 220-316.000.

Krekacs, Sandor: *See—*

Palfi, Zoltan; and Krekacs, Sandor, 4,557,875, Cl. 261-75.000.

Varga, Laszlo ; Krekacs, Sandor; Latorcai, Janos; Palfi, Zoltan; and Fledrich, Istvan, 4,514,911, Cl. 34-22.000.

Kremen, Jerome C.: *See—*

Zehl, Otis G.; Price, Michael G.; David, Edward H., Jr.; and Kremen, Jerome C., 4,503,388, Cl. 324-77.00K.

Kremer, Andre ; and Wolwert, Marcel, to Paul Wurth S.A. Apparatus for weighing heavy loads. 4,540,058, 9-10-85, Cl. 177-255.000.

Kremer, Andre: *See—*

Burton, Clement; Kremer, Andre; Stomp, Hubert; and Solvi, Marc, 4,492,342, Cl. 241-67.000.

Kremer, Bernard: *See—*

Binder, Germaine; and Kremer, Bernard, 4,524,241, Cl. 174-119.00R.

Kremer, Carl P., Jr.: *See—*

Iannuzzelli, Vincent F.; and Kremer, Carl P., Jr., 4,529,003, Cl. 137-493.800.

Kremer, Frederic B.; and O'Brien, Edward R., III, to Accutome, Inc. Apparatus to measure conical thickness. 4,546,773, 10-15-85, Cl. 128-660.000.

Kremer, Henry A. F. L.: *See—*

Cukier, Samuel; and Kremer, Henry A. F. L., 4,517,072, Cl. 208-45.000.

Kremer, Manfred, to Still GmbH. Drive units for motor vehicles with internal combustion engine electric drives. 4,524,286, 6-18-85, Cl. 290-45.000.

Kremer, Richard D.: *See—*

Bacon, David L.; Kremer, Richard D.; and Morse, Randall H., 4,534,863, Cl. 210-232.000.

Kremer, Ross A.; and Saunders, Stephen W., to Mobil Oil Corporation. Ore beneficiation process. 4,514,288, 4-30-85, Cl. 209-5.000.

Kremer, Ross A.: *See—*

Anthes, Robert J.; and Kremer, Ross A., 4,532,033, Cl. 209-166.000.

Krempa, James F., to Chain Supply Company. Conveyor chain link structure. 4,555,014, 11-26-85, Cl. 198-852.000.

Krempa, Ted: *See—*

De Cloet, Dan; De Cloet, Ben; and Krempa, Ted, 4,520,579, Cl. 34-204.000.

Krempel, Ralf. Visual communication system devices. 4,552,534, 11-12-85, Cl. 434-170.000.

Krempl, Engelbert: *See—*

Stuhler, Herbert; and Krempl, Engelbert, 4,521,595, Cl. 536-127.000.

Krempl, Peter W.; Schindler, Wolfgang; and Faschingleitner, Leopold, to List, Hans. Method for the continuous measurement of the mass of aerosol particles in gaseous samples and a device for the implementation of the method. 4,518,861, 5-21-85, Cl. 250-339.000.

Krempl, Peter W.; and Schindler, Wolfgang, to A V L Gesellschaft fur Verbrennungskraftmaschinen und Messtechnik m.b.H., Prof. Dr. Dr. h.c. Hans List. Method and device for continuous measurement of the mass of aerosol particles in gaseous samples. 4,525,627, 6-25-85, Cl. 250-345.000.

Krems-Chemie, Gesellschaft mbH: *See—*

Ronge, Helmut; Prantz, Erhard; and Schoerkhuber, Wolfgang, 4,540,635, Cl. 428-498.000.

Kremser, Harald H.; and Barth, Walter, to Bleistiftmaschinenfabrik Dipl. Ing. Karl Zuber GmbH & Co. KG. Method and apparatus for fastening an eraser to a pencil. 4,520,548, 6-4-85, Cl. 29-517.000.

Kremser, Harald H.: *See—*

Barth, Walter; and Kremser, Harald H., 4,509,245, Cl. 29-525.000.

Kremski, Jacob. Bumper rail cover and method of installing the same. 4,508,338, 4-2-85, Cl. 273-9.000.

Krenitsky, Thomas A., to Burroughs Wellcome Co. Method of producing acyclovir. 4,544,634, 10-1-85, Cl. 435-119.000.

Krenkel, Bernhard; and Joos, Heinz, to F. Oberdorfer. Loom for weaving flat fabric. 4,554,954, 11-26-85, Cl. 139-439.000.

Krenmayr, Franz; Lichtenegger, Franz; and Goschl, Peter, to Voest-Alpine Aktiengesellschaft. Apparatus for dewatering water-containing materials. 4,557,833, 12-10-85, Cl. 210-386.000.

Krenn, Karl-Dieter: *See—*

Fischer, Wolfgang; Seitz, Georg; and Krenn, Karl-Dieter, 4,550,083, Cl. 436-42.000.

Krenz, Horst M., to Heath Company. Video display tilt apparatus. 4,527,766, 7-9-85, Cl. 248-371.000.

Krenz, Horst M., to Heath Company. Strain relief clip for electrical cable. 4,538,875, 9-3-85, Cl. 339-103.00R.

Krenzer, Eberhard, to Barmag Barmer Maschinenfabrik AG. Method and apparatus for producing synthetic multifilament yarn. 4,501,046, 2-26-85, Cl. 19-0.350.

Krenzer, Eberhard, to Barmag Barmer Maschinenfabrik AG. Texturing machine. 4,557,689, 12-10-85, Cl. 432-59.000.

Krenzer, Theodore J., to Gleason Works, The. Cutter and method for gear manufacture. 4,525,108, 6-25-85, Cl. 407-22.000.

Kreonite, Inc.: *See—*

Moore, Dwane L., 4,504,005, Cl. 226-190.000.

Krepela, Josef; and Friedrich, Jaromir, to Bralorne Resources Limited. Engine shutdown valve. 4,537,386, 8-27-85, Cl. 251-302.000.

Krepski, Larry R.: *See—*

Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., 4,524,221, Cl. 568-322.000.

Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., 4,556,723, Cl. 556-413.000.

Kresge, Charles T.; Krishnamurthy, Sowmithri; and McHale, William D., to Mobil Oil Corporation. Separately supported polymetallic reforming catalyst. 4,493,764, 1-15-85, Cl. 208-138.000.

Kresge, Charles T.; McWilliams, John P.; Vartuli, James C.; and Nicoletti, Michael P., to Mobil Oil Corporation. Catalyst for alkylation of aromatic hydrocarbons. 4,547,605, 10-15-85, Cl. 585-467.000.

Kresge, James S., to General Electric Company. Surge arrester discharge counting apparatus. 4,495,459, 1-22-85, Cl. 324-72.000.

Krespan, Carl G., to Du Pont de Nemours, E. I., and Company. Alkyl perfluoro-omega-(2-iodoethoxy) compounds and vinyl ethers therefrom. 4,531,011, 7-23-85, Cl. 560-184.000.

Kress, Bruce A.: *See—*

Kallestad, Daniel R.; Kress, Bruce A.; and Satre, Kenneth I., 4,522,335, Cl. 236-44.00C.

Kress, Donald W. Pressure sensing device and method for preventing ulcer formation. 4,554,930, 11-26-85, Cl. 128-774.000.

Kress, Hans-Jurgen: *See—*

Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, 4,548,987, Cl. 525-67.000.

Kress, Jack L., to Oscar Mayer Foods Corporation. Method for processing an avian carcass. 4,517,207, 5-14-85, Cl. 426-315.000.

Kresse, Franz: *See—*

Osberghaus, Reiner; Scheller, Bernfried; Kresse, Franz; Hesse, Ferdinand; and Schunter, Roland, 4,528,717, Cl. 15-261.000.

Kresse, Heinz: *See—*

Hassler, Dieter; Kresse, Heinz; Reichenberger, Helmut; and Naser, Georg, 4,526,168, Cl. 128-303.00R.

Kresse, Horst: *See—*

Demus, Dietrich; Weissflog, Wolfgang; and Kresse, Horst, 4,519,936, Cl. 252-299.630.

Kresse, Peter: *See—*

Brunn, Horst; Hund, Franz; Rambold, Wolfgang; Kresse, Peter; and von Szadkowski, Gerd, 4,492,600, Cl. 106-14.340.

Kretchmar, Roy, to Certified Energy Systems, Inc. Rectifier housing for use with light bulbs. 4,544,861, 10-1-85, Cl. 315-200.00R.

Kretschmer, Alfred, to BASF Aktiengesellschaft. Apparatus for applying treating media onto webs. 4,534,308, 8-13-85, Cl. 118-260.000.

Kretschmer, Frank F., to United States of America, Navy. P1 polyphase code expander-compressor. 4,513,289, 4-23-85, Cl. 343-17.2PC.

Kretschmer, Frank F., to United States of America, Navy. P2 polyphase code expander-compressor. 4,524,363, 6-18-85, Cl. 343-17.2PC.

Kretschmer, Frank F., Jr.: *See—*

Lewis, Bernard L.; and Kretschmer, Frank F., Jr., 4,507,659, Cl. 343-17.2PC.

Kretschmer, Horst; Tietze, Guenter; Beiermann, Norbert; Schingnitz, Manfred; and Goehler, Peter, to Brennstoffinstitut Freiberg. Method of and device for measuring a mass stream of finely divided fine-grained solid fuels. 4,501,156, 2-26-85, Cl. 73-861.040.

Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, to Brennstoffinstitut Freiberg. Method of regulating mass streams. 4,521,139, 6-4-85, Cl. 406-19.000.

Kretschmer, Jurgen: *See—*

Lang, Werner; and Kretschmer, Jurgen, 4,560,189, Cl. 285-158.000.

Kretschmer, Stephen L.: *See—*

Cline, Kevin W.; and Kretschmer, Stephen L., 4,512,665, Cl. 366-167.000.

Kretzer, Horst: *See—*

Weiler, Rolf; Kretzer, Horst; Leidecker, Hans-Dieter; and Gerhardt, Winfried, 4,530,506, Cl. 277-212.0FB.

Kretzschmann, Gunther, to Anasco Gesellschaft mit beschrankter Haftung. Artificial fireplace log. 4,539,011, 9-3-85, Cl. 44-14.000.

Kretzschmar, Gisela; and Selter, Jutta, to Selter, Gustav. Dual needle arrangement. 4,501,133, 2-26-85, Cl. 66-117.000.

Kretzschmar, Klaus: *See—*

Kleeberg, Wolfgang; Hauschildt, Klaus-Robert; Hacker, Heinz; and Kretzschmar, Klaus, 4,528,358, Cl. 528-94.000.

Rogler, Wolfgang; Markert, Helmut; Kretzschmar, Klaus; and Piecha, Gerhard, 4,562,227, Cl. 524-786.000.

Kretzschmar, Wolfgang; and Murray, Peter E., to C. A. Weidmuller GmbH & Co. Electrical connector. 4,529,256, 7-16-85, Cl. 339-19.000.

Kretzschmar, Wolfgang: *See—*

Bode, Albert; Chambers, Thomas V.; Hahnke, Manfred; and Kretzschmar, Wolfgang, 4,548,613, Cl. 8-638.000.

Kreuder, Hans-Joachim: *See—*

Meyer, Rolf-Volker; Kreuder, Hans-Joachim; and Hohl, Erwin, 4,510,288, Cl. 525-111.000.

Kreuer, Klaus-Dieter; Weppner, Werner; and Rabenau, Albrecht, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Galvanic cell comprising solid proton conductor as electrolyte. 4,513,069, 4-23-85, Cl. 429-192.000.

Kreuer, Klaus-Dieter: *See—*

Bell, Michael; Kreuer, Klaus-Dieter; Rabenau, Albrecht; and Weppner, Werner, 4,495,078, Cl. 252-62.200.

Kreusch, Edward G.; and Brodzik, Bruce F., to Culligan International Company. System for removing iron and/or other chemically reducing substances from potable water. 4,534,867, 8-13-85, Cl. 210-722.000.

Kreuter, Peter: *See—*

Pischinger, Franz; and Kreuter, Peter, 4,515,343, Cl. 251-48.000.

Kreutner, William; Green, Michael J.; Shue, Ho-Jane; and Saksena, Anil K., to Schering-Plough Corporation. Method for treating allergic reactions with forskolin. 4,517,200, 5-14-85, Cl. 514-455.000.

Kreutzig, Kirk. Color correction filter and method of taking underwater photographs therewith. 4,542,959, 9-24-85, Cl. 350-311.000.

Kreuz, Alois: *See—*

Hufnagel, Walter; and Kreuz, Alois, 4,507,960, Cl. 73-187.000.

Kreuz, Oldrich, to Ceske zavody motocyklove, narodni podnik. Mechanism for the spring-cushioning of a vehicle wheel. 4,529,056, 7-16-85, Cl. 180-227.000.

Kreuzenstein, Ronald K.: *See—*

Amdahl, Gene M.; Hanson, Donald L.; Kreuzenstein, Ronald K.; Roshon-Larsen, Gwynne L.; and Woffinden, Gary A., 4,551,797, Cl. 364-200.000.

Kreuzer, Franz-Heinrich; Glauberman, Gisela; and Bosch, Erhard, to Consortium fur Elektrochemische Industrie GmbH. Silanes and compositions prepared therefrom. 4,511,728, 4-16-85, Cl. 556-419.000.

Kreuzer, Franz-Heinrich; Glauberman, Gisela; and Bosch, Erhard, to Consortium fur Elektrochemische Industrie GmbH. Silanes and compositions prepared therefrom. 4,552,942, 11-12-85, Cl. 528-34.000.

Kreuzer, Heinrich: *See—*

Traunecker, Werner; Frolke, Wilhelm; Kreuzer, Heinrich; and Kollmer, Hans P., 4,499,106, Cl. 514-603.000.

Kreuzer, Justin: *See—*

Deschenaux, Warren; Hughes, Gregory; Kreuzer, Justin; and La Fiandra, Carlo, 4,534,047, Cl. 378-35.000.

Kreuzgruber, Dietrich, to Voest-Alpine Aktiengesellschaft. Press for forming sheet metal elements. 4,541,318, 9-17-85, Cl. 83-409.000.

Krevitz, Kenneth: *See—*

Pytlewski, Louis L.; Krevitz, Kenneth; and Smith, Arthur B., 4,523,043, Cl. 568-840.000.

Kreyenhop, Manfred, to Klockner-Werke Aktiengesellschaft. Breakout warning method, utilizing acoustics, in a continuous casting installation and apparatus for its implementation. 4,542,781, 9-24-85, Cl. 164-451.000.

Krezak, John E., to Boeing Company, The. Method of joining sheets with a rivet. 4,493,141, 1-15-85, Cl. 29-509.000.

Krezak, John E.; and Lamb, Michael F., to Boeing Company, The. Emergency flight deck egress lines. 4,557,442, 12-10-85, Cl. 244-137.00P.

Kridl, Thomas A.; Claunch, Carney P., II; and Bjornstrom, Ann O., to Raychem Corporation. Partially recoverable closure. 4,499,129, 2-12-85, Cl. 428-36.000.

Kridl, Thomas A.; and Claunch, Carney P., II, to Raychem Corporation. Aluminum-shielded coaxial cable repair. 4,512,833, 4-23-85, Cl. 156-94.000.

Kridl, Thomas A.: *See—*

Claunch, Carney P., II; Kridl, Thomas A., and Gamarra, Jose P., 4,532,164, Cl. 428-36.000.

Kriebel, Gunter: *See—*

Disteldorf, Josef; zur Hausen, Manfred; Hubel, Werner; and Kriebel, Gunter, 4,526,971, Cl. 546-186.000.

Kriebel, John E.; and Jones, Walton B., to Capital Controls Company, Inc. Self-cleaning gas-liquid mixing apparatus. 4,548,359, 10-22-85, Cl. 239-434.000.

Kriebel, Manfred: *See—*

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,504,449, Cl. 423-228.000.

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,532,116, Cl. 423-226.000.

Eisenlohr, Karl-Heinz; Gaensslen, Hans; Kriebel, Manfred; and Tanz, Heiner, 4,515,604, Cl. 48-197.00R.

Kriechbaum, Karl: *See—*

Eberhardt, Wolfgang; Hoffmann, Dietrich; Kriechbaum, Karl; and Rohde, Erwin, 4,521,654, Cl. 200-146.00R.

Kriechbaum, Kurt: *See—*

Hartmannsgruber, Max; Kriechbaum, Kurt; Schulz, Gunter; and Guttler, Hermann, 4,512,061, Cl. 19-239.000.

Krieg, Edwin A.: *See—*

Ott, William E.; and Krieg, Edwin A., 4,519,482, Cl. 188-343.000.

Krieg, Gunther: *See—*

Ehrfeld, Wolfgang; and Krieg, Gunther, 4,514,095, Cl. 366-340.000.

Krieg, Herman C., Jr., to United States of America, National Aeronautics and Space Administration. Moisture content and gas sampling device. 4,515,751, 5-7-85, Cl. 422-86.000.

Krieg, Uwe: *See—*

Kummer, Martin; Krieg, Uwe; Jundt, Wolfgang; Rieker, Werner; Schadlich, Fritz; and Schaal, Gunter, 4,497,354, Cl. 145-4.000.

Kriegel, Ernst; and Coenen, Hubert, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Method for processing used oil. 4,522,707, 6-11-85, Cl. 208-180.000.

Kriegel, Ernst: *See—*

Coenen, Hubert; and Kriegel, Ernst, 4,532,992, Cl. 166-267.000.

Krieger, Detlef: *See—*

Muller, Rudolf; Radeklau, Hans-Jurgen; Dofke, Harald; and Krieger, Detlef, 4,515,483, Cl. 366-303.000.

Krieger, Friedrich, to Gg. Noell GmbH. Gripper system for load transport. 4,496,182, 1-29-85, Cl. 294-81.00R.

Krieger, Friedrich, to Salzgitter AG. Storage structure for nuclear waste. 4,497,770, 2-5-85, Cl. 376-272.000.

Krieger, Friedrich; and Klemm, Norbert, to Gg. Noell GmbH. Means for controlling pivotal doors in nuclear plants. 4,502,245, 3-5-85, Cl. 49-193.000.

Krieger, Heinrich: *See—*

Vyvial, Rudolf; Taubitz, Christof; Schlemmer, Lothar; Bleckmann, Gerhard; Zuerger, Manfred; Krieger, Heinrich; and Thiele, Heino, 4,493,807, Cl. 264-101.000.

Krieger, Karl; and Reinelt, Werner, to Hermann Hemscheidt Maschinenfabrik GmbH & Co. Pressure-limiting hydraulic valve. 4,552,172, 11-12-85, Cl. 137-484.600.

Krieger, Karl: *See—*

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Kroner, Holger, to Endress u. Hauser GmbH u. Co. Capacitive sensor. 4,551,785, 11-5-85, Cl. 361-284.000.

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Kroner, Klaus, to U.S. Philips Corporation. Integrable transistor oscillator requiring only one pin to quartz resonator. 4,518,933, 5-21-85, Cl. 331-108.00D.

Krones AG Hermann Kronseder Maschinenfabrik: *See—*
Cibis, Johannes, 4,498,003, Cl. 250-223.00B.
Gau, George, 4,531,995, Cl. 156-456.000.
Godecke, Paul; and Meichel, Otto, 4,538,945, Cl. 409-157.000.

  Kronseder, Hermann; and Schneider, Egon, 4,496,040, Cl. 198-434.000.
  Patzwahl, Hans-Jurgen, 4,514,953, Cl. 53-52.000.
  Schneider, Egon, 4,512,842, Cl. 156-357.000.
  Winter, Horst; and Eder, Erich, 4,519,186, Cl. 53-585.000.
Kronfeld, Leonard E., to Nortronics Company, Inc. Optical inspection and alignment verification system. 4,537,509, 8-27-85, Cl. 356-399.000.
Krongold, Martin A.: *See—*
  Brodbeck, Howard D.; and Krongold, Martin A., 4,561,258, Cl. 62-49.000.
Kronimus & Sohn GmbH & Co. KG: *See—*
  Ruckstuhl, Willi, 4,496,266, Cl. 404-41.000.
Kroning, Armin: *See—*
  Kerscher, Max; and Kroning, Armin, 4,562,383, Cl. 315-225.000.
Kroninger, Paul M., Jr.: *See—*
  Binder, Paul B.; and Kroninger, Paul M., Jr., 4,536,820, Cl. 361-283.000.
  Freud, Paul J.; Baxter, Ronald D.; and Kroninger, Paul M., Jr., 4,542,435, Cl. 361-283.000.
Kronogard, Sven-Olof, deceased; and by Linden, Allan, administrator, to United Turbine AB & Co., KG. Gas turbine plant. 4,506,509, 3-26-85, Cl. 60-720.000.
Kronos, Inc.: *See—*
  Krakauer, Lawrence; and Bliss, Lawrence, 4,524,266, Cl. 235-377.000.
Kronos Titan, GmbH: *See—*
  Hartmann, Achim; and Thumm, Hans, 4,521,384, Cl. 423-72.000.
  Hartmann, Achim, 4,533,530, Cl. 423-240.000.
Kronschnabel, Hartmut; Goerings, Wilhelm; Bolingen, Johann; and Kleine-Vennekate, Gerd, to Kernforschungsanlage Julich GmbH. Process for the separation of coated nuclear fuel particles from a graphitic matrix and installation for implementing the process. 4,502,642, 3-5-85, Cl. 241-79.100.
Kronseder, Hermann; and Schneider, Egon, to Krones AG Hermann Kronseder Maschinenfabrik. Apparatus for widening and slowing down a stream of upright bottles. 4,496,040, 1-29-85, Cl. 198-434.000.
Kronstadt, Victor, to Mack Trucks, Inc. Oil shut-off device for wet clutches. 4,544,055, 10-1-85, Cl. 192-70.120.
Kronstein, Max; and Eichberg, Joseph, to American Lecithin Company. Production of paint containing lecithin-treated metal oxide. 4,520,153, 5-28-85, Cl. 524-145.000.
Kroon, Daniel: *See—*
  Goldstein, Gideon; Heavner, George; Kroon, Daniel; and Audhya, Tapan, 4,505,853, Cl. 260-112.50R.
Kroontje, Wiggert, to U.S. Philips Corporation. Device provided with a evacuated bulb comprising a getter and a getter auxiliary means. 4,559,471, 12-17-85, Cl. 313-553.000.
Krooss, Robert J. Bottle alignment apparatus. 4,496,039, 1-29-85, Cl. 198-396.000.
Kropiwnicki, Tadek M.; and Braymer, Joseph E., to Carrier Corporation. Hermetic motor compressor having a suction inlet and seal. 4,549,857, 10-29-85, Cl. 417-312.000.
Kropp, Helmut: *See—*
  Kahan, Frederick M.; and Kropp, Helmut, 4,539,208, Cl. 514-195.000.
Kropp, Philip: *See—*
  Brown, Richard E.; St. Georgiev, Vassil; Kropp, Philip; and Loev, Bernard, 4,507,300, Cl. 514-280.000.
Kros, Rudolf; and Vetter, Harald, to Siemens Aktiengesellschaft. Electric roller-type capacitor and method and device for producing the capacitor. 4,495,542, 1-22-85, Cl. 361-301.000.
Kroschel, Heinz: *See—*
  Fischer, Klaus; Kroschel, Heinz; Nicodemus, Joachim; and Petters, Willi, 4,498,393, Cl. 102-393.000.
Krosoczka, Joseph D.; and Cervini, Carl. Valve. 4,545,564, 10-8-85, Cl. 251-315.000.
Krottinger, David L., and Cabbiness, Dale K., to Conoco Inc. Automated sample analyzer for induction furnace analysis. 4,539,645, 9-3-85, Cl. 364-478.000.
Kroupa, Loretta A.; and Relyea, Elton H., to Dow Corning Corporation. Extrudable, curable polyorganosiloxane compositions. 4,500,659, 2-19-85, Cl. 523-213.000.
Kroupa, Loretta A.; and Agbomeirele, Patricia G., to Dow Corning Corporation. Method for prevention of bubble formation in polyorganosiloxane gels. 4,511,620, 4-16-85, Cl. 428-220.000.
Kroupa, Loretta A., to Dow Corning Corporation. Liquid curable polyorganosiloxane compositions. 4,529,789, 7-16-85, Cl. 528-15.000.
Kroupa, Loretta A., to Dow Corning Corporation. Liquid curable polyorganosiloxane compositions. 4,535,141, 8-13-85, Cl. 528-15.000.
Kroupa, Petr: *See—*
  Zverina, Karel; and Kroupa, Petr, 4,492,766, Cl. 501-104.000.
  Zverina, Karel; and Kroupa, Petr, 4,529,615, Cl. 427-34.000.
  Zverina, Karel; Tluchor, Denek; Szabo, Josef; Polidor, Jaromir; and Kroupa, Petr, 4,531,043, Cl. 219-121.0PP.
Krouwel, Jan, to Hollandse Signaalapparaten B.V. Felting machine for sliver or yarn. 4,503,592, 3-12-85, Cl. 28-219.000.
Krowl, William G., to Chrysler Corporation. Urethane dies. 4,509,358, 4-9-85, Cl. 72-476.000.
Kroy, Inc.: *See—*
  Richardson, Michael M.; and Schaffer, Douglas A., 4,557,617, Cl. 400-208.000.
Kroy, Walter: *See—*
  Dietrich, Klaus; and Kroy, Walter, 4,539,598, Cl. 358-213.000.
Kroyer, Karl K. K.; and Rasmussen, Torben, to Kroyer, Karl Kristian Kobs. Apparatus for the production of a fibrous web. 4,494,278, 1-22-85, Cl. 19-304.000.
Kroyer, Karl Kristian Kobs: *See—*
  Kroyer, Karl K. K.; and Rasmussen, Torben, 4,494,278, Cl. 19-304.000.
Krsek, George, to Progenics, Inc. Manufacture of androstandione. 4,507,242, 3-26-85, Cl. 260-397.300.
Krstenansky, John L.; and Currie, Bruce L., to University of Illinois, The Board of Trustees of the. 5H-6-oxo-2,3,4,4a,7,7a-hexahydropyrano[2,3-b]pyrrole and the preparation thereof. 4,535,169, 8-13-85, Cl. 548-453.000.
Krstovic, Dragisa. Adjustable cutting or boring tool. 4,544,309, 10-1-85, Cl. 408-157.000.
Krubsack, Larry J., to Clum Mfg. Co. Inc. Electric solenoid structure. 4,521,758, 6-4-85, Cl. 335-131.000.
Krubur, Inc.: *See—*
  Burke, James W.; Krueger, John D.; and Krueger, John W., 4,512,587, Cl. 277-205.000.
Kruckenberg, Winfried; and Schundehutte, Karl H., to Bayer Aktiengesellschaft. Azo dyestuffs. 4,497,736, 2-5-85, Cl. 534-855.000.
Krucker, Karl: *See—*
  Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Rotary constant velocity joint. 4,493,676, 1-15-85, Cl. 464-141.000.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Cardan joint. 4,511,344, 4-16-85, Cl. 464-139.000.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Sealing boot for universal joint. 4,516,959, 5-14-85, Cl. 464-175.000.
Krude, Werner; Jordan, Alfons; and Harz, Peter. Assembly for connecting together torque-transmitting members. 4,525,098, 6-25-85, Cl. 403-280.000.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Wheel mounting assembly. 4,529,254, 7-16-85, Cl. 301-124.00R.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Wheel hub assembly for a motor vehicle. 4,536,038, 8-20-85, Cl. 301-124.00R.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Drive shaft assembly. 4,540,385, 9-10-85, Cl. 464-113.000.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Angularly movable universal joint. 4,549,873, 10-29-85, Cl. 464-141.000.
Krude, Werner, to Uni-Cardan Aktiengesellschaft. Drive shaft assembly. 4,551,116, 11-5-85, Cl. 464-97.000.
Krude, Werner; Muller, Karl-Heinz; and Welschof, Hans-Heinrich, to Uni-Cardan Aktiengesellschaft. Drive shaft assembly for motor vehicles. 4,556,400, 12-3-85, Cl. 464-181.000.
Krueger, Achim R., to Du Pont de Nemours, E. I., and Company. Two-package urethane maintenance primer. 4,522,879, 6-11-85, Cl. 428-323.000.
Krueger, David A.: *See—*
  Conley, Richard W.; Tremblay, Richard P.; Bolam, Charles W.; Logan, James E.; and Krueger, David A., 4,511,120, Cl. 251-288.000.
Krueger, David J.: *See—*
  Kowalik, Joseph W.; and Krueger, David J., 4,533,895, Cl. 337-165.000.
  Kowalik, Joseph W.; and Krueger, David J., 4,562,420, Cl. 337-165.000.
Krueger, Dennis L.; and Meyer, Daniel E., to Minnesota Mining and Manufacturing Company. Bicomponent fibers and webs made therefrom. 4,547,420, 10-15-85, Cl. 428-229.000.
Krueger, Duane A.; and Odorzynski, Thomas W., to American Can Company. Process for producing coextruded film of polypropylene, polypropylene blend, and nylon. 4,552,714, 11-12-85, Cl. 264-171.000.
Kraeger, Gordon P.; Lund, Anders E.; and Adams, Roy D., to Michigan Technological University, Board of Control of. Fan-shaped loader for making a loosely felted mat of aligned wood flakes. 4,505,371, 3-19-85, Cl. 198-382.000.
Krueger, Gordon P.; Lund, Anders E.; and Adams, Roy D., to Michigan Technological University, Board of Control of. Apparatus for forming mat of aligned flake composite wood material with continuous baffles. 4,505,868, 3-19-85, Cl. 264-108.000.
Krueger, Harold L. Tire handling device. 4,530,388, 7-23-85, Cl. 157-1.220.
Krueger, John D.: *See—*
  Burke, James W.; Krueger, John D.; and Krueger, John W., 4,512,587, Cl. 277-205.000.
Krueger, John W.: *See—*
  Burke, James W.; Krueger, John D.; and Krueger, John W., 4,512,587, Cl. 277-205.000.
Krueger, Leland R.: *See—*
  Miller, David A.; Krueger, Leland R.; and Charlton, Richard J., 4,545,153, Cl. 51-118.000.
Krueger, Martin H.: *See—*
  D'Aniello, Michael J., Jr.; Monroe, David R.; and Krueger, Martin H., 4,548,911, Cl. 502-28.000.
Krueger, Roger J., to Impro Technologies, Inc. Automated pipe equipment system. 4,531,875, 7-30-85, Cl. 414-22.000.
Krueger, Ronald G., to JB Group, Inc. Method and apparatus for production of bias fabrics. 4,556,440, 12-3-85, Cl. 156-181.000.
Krueger, Ulf A.; and Meshako, Thomas M., to Ciba-Geigy Corporation. Process for making epoxy novolac resins with high epoxy values. 4,518,762, 5-21-85, Cl. 528-95.000.

Krueger, William R.: *See—*
Cavil, David T.; and Krueger, William R., 4,559,017, Cl. 440-76.000.

Kruesi, August H., to Elfin Corporation. Apparatus for manufacturing resin impregnated fiber braided products. 4,494,436, 1-22-85, Cl. 87-23.000.

Kruesi, Paul R.; and Kruesi, William H., to Cato Research, Inc. Ammonium chloride-ammonium hydroxide strip for the recovery of anhydrous zinc chloride. 4,500,498, 2-19-85, Cl. 423-100.000.

Kruesi, William H.: *See—*
Kruesi, Paul R.; and Kruesi, William H., 4,500,498, Cl. 423-100.000.

Krueter, Kenneth G. Wind speed and direction indicator. 4,548,074, 10-22-85, Cl. 73-189.000.

Krufka, Frank S., to RCA Corporation. System for measuring and identifying line spacing on a curved surface. 4,525,735, 6-25-85, Cl. 358-10.000.

Krufka, Frank S., to RCA Corporation. System and method for measuring the area and dimensions of apertures in an opaque medium. 4,556,902, 12-3-85, Cl. 358-107.000.

Krug, Aribert: *See—*
Deimling, Karl; Falk, Roland; Krug, Aribert; Nagel, Peter; and Sand, Rudolf, 4,557,947, Cl. 427-130.000.

Krug, Geoffrey P.: *See—*
Platek, Gary F.; and Krug, Geoffrey P., 4,515,672, Cl. 204-269.000.

Krug, Herbert: *See—*
Dockner, Toni; and Krug, Herbert, 4,551,528, Cl. 544-242.000.

Krug, John A., to C. R. Bard, Inc. Overpressure safety valve. 4,502,502, 3-5-85, Cl. 137-512.300.

Krug, Robert W.: *See—*
Alvarez, Joseph A., III; Brennen, John F.; Krug, Robert W.; Gobioff, Bruce D.; and Shabe, John, 4,507,781, Cl. 370-104.000.

Krug, Russell R.; and Schmidt, Peter C., to Chevron Research Company. Separation of reacted hydrocarbons and catalyst in fluidized catalytic cracking. 4,500,423, 2-19-85, Cl. 208-161.000.

Krug, Russell R.: *See—*
Pecoraro, Theresa A.; Krug, Russell R.; and Deady, Joanne, 4,551,229, Cl. 208-76.000.

Krug, William: *See—*
Minten, Karl; and Krug, William, 4,544,707, Cl. 525-330.400.

Krugener, Rolf: *See—*
Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.

Kruger, Albert J., Jr.; and Johnson, John K., to Coca-Cola Company, The. Beverage clouding agent based on carnauba wax. 4,508,744, 4-2-85, Cl. 426-590.000.

Kruger, Bernd-Wieland; and Behrenz, Wolfgang, to Bayer Aktiengesellschaft. (Thiono)(dithio-phosphates(phosphonates), processes for their preparation, and their use in pest-combating agents. 4,511,562, 4-16-85, Cl. 514-112.000.

Kruger, Bernd-Wieland; Homeyer, Bernhard; Hammann, Ingeborg; and Stendel, Wilhelm, to Bayer Aktiengesellschaft. Thiophosphonic acid ester pesticides. 4,548,931, 10-22-85, Cl. 514-141.000.

Kruger, Bruno: *See—*
Goyert, Wilhelm; Grimm, Wolfgang; Awater, Albert; Wagner, Hans; and Kruger, Bruno, 4,500,671, Cl. 524-494.000.

Kruger, Franz J., to Raychem Corporation. Anhydrous primary battery. 4,556,617, 12-3-85, Cl. 429-196.000.

Kruger, Franz J.; and Szalvay, Laszlo, to Raychem Corporation. Battery casing. 4,559,283, 12-17-85, Cl. 429-174.000.

Kruger GmbH & Co. KG: *See—*
Wilhelm, Wolfgang, 4,532,595, Cl. 364-463.000.

Kruger, Hans; and Leenhouts, Frans, to Siemens Aktiengesellschaft. Liquid-crystal display with reduced reflection. 4,529,272, 7-16-85, Cl. 350-339.00R.

Kruger, Hans: *See—*
Ahne, Hellmut; Kruger, Hans; and Rubner, Roland, 4,514,043, Cl. 350-341.000.
Leenhouts, Frans; and Kruger, Hans, 4,521,079, Cl. 350-339.00R.

Kruger, Hans-Rudolf; Arndt, Friedrich; and Rusch, Reinhard, to Schering Aktiengesellschaft. 1,2,3-thiadiazole-5-yl-urea derivatives, processes for their use as plant growth regulating and defoliating agents. 4,491,466, 1-1-85, Cl. 71-90.000.

Kruger, Hans-Rudolf; Arndt, Friedrich; and Rusch, Reinhard, to Schering Aktiengesellschaft. 1,2,3-thiadiazole-5-yl-urea derivatives, agents containing these compounds with plant growth regulating and defoliating activity. 4,515,619, 5-7-85, Cl. 71-90.000.

Kruger, Heinrich: *See—*
Jester, Willi; and Kruger, Heinrich, 4,519,731, Cl. 407-46.000.

Kruger, Hermann, to Volkswagenwerk Aktiengesellschaft. Valve operating mechanism, in particular for an automobile internal combustion engine. 4,494,729, 1-22-85, Cl. 251-229.000.

Kruger, Hermann, to Volkswagenwerk Aktiengesellschaft. Rotary valve arrangement. 4,517,938, 5-21-85, Cl. 123-190.00E.

Kruger, Horst: *See—*
Kuhl, Uwe; Krause, Andreas; and Kruger, Horst, 4,511,118, Cl. 251-137.000.

Kruger, Kurt J.: *See—*
Loechner, John T.; Kruger, Kurt J.; Nottingham, John R.; and Golembek, Joe M., 4,561,416, Cl. 126-21.00A.

Kruger, Paul J., to J. T. Baker Chemical Company. Cotton defoliant compositions. 4,552,582, 11-12-85, Cl. 71-73.000.

Kruger, Robert A.; and Bateman, Wayne, to Thomson-CSF Broadcast, Inc. Apparatus and method for fluoroscopic imaging of a body. 4,536,790, 8-20-85, Cl. 358-111.000.

Kruger, Roland; and Ehrlinger, Klaus, to Holstein & Kappert GmbH. Method of boiling wort. 4,550,029, 10-29-85, Cl. 426-487.000.

Kruger, Sandra J. Facial treatment device. 4,520,799, 6-4-85, Cl. 128-67.000.

Kruger, Wolfgang, to MTU Motoren-und Turbinen-Union Munchen GmbH. Arrangement for connecting a ceramic rotor wheel, particularly a turbine rotor wheel of a turbomachine, such as a gas turbine engine, to a metallic shaft. 4,518,315, 5-21-85, Cl. 416-241.00B.

Krugh, Michael E., to Marathon Oil Company. Internal casing wiper for an oil field well bore hole. 4,515,212, 5-7-85, Cl. 166-99.000.

Kruglak, Ivan T.: *See—*
Bell, Steven A.; and Kruglak, Ivan T., 4,504,130, Cl. 352-92.000.

Kruit, Pieter: *See—*
Le Poole, Jan B.; and Kruit, Pieter, 4,500,787, Cl. 250-427.000.

Kruk, Alexandr T.: *See—*
Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Kruka, Vitold R., to Shell Oil Company. Pipeline pig with restricted fluid bypass. 4,498,932, 2-12-85, Cl. 134-8.000.

Kruka, Vitold R.; Kipp, Robert M.; and Cadena, Edward R., to Shell Oil Company. Hydrophone cable decoupler. 4,510,588, 4-9-85, Cl. 367-165.000.

Krukle, Harry: *See—*
Kapralis, Imants P.; and Krukle, Harry, 4,532,110, Cl. 422-245.000.
Kapralis, Imants P.; and Krukle, Harry, 4,559,047, Cl. 604-291.000.

Krukonis, Val J.: *See—*
Berneburg, Philip L.; and Krukonis, Val J., 4,552,786, Cl. 427-249.000.

Krukowski, Blair S. Chain replacement apparatus. 4,525,913, 7-2-85, Cl. 29-270.000.

Krukowski, Richard: *See—*
Nicholas, James A.; and Krukowski, Richard, 4,501,148, Cl. 73-379.000.

Krul, William R., to Board of Governors for Higher Education, State of Rhode Island, The; and Providence Plantations. In vitro propagation of grape. 4,532,733, 8-6-85, Cl. 47-58.000.

Krulitsch, Dieter: *See—*
Hoffmann, Karl; Krulitsch, Dieter; and Schwartz, Helmut, 4,543,184, Cl. 210-193.000.

Krull, Donald K.; and Naimpally, Saiprasad V., to RCA Corporation. Composite video signal processing apparatus providing amplitude equalization. 4,516,153, 5-7-85, Cl. 358-31.000.

Krull, Joachim, to U.S. Philips Corporation. Ink ribbon cassette provided with an impregnation device. 4,526,488, 7-2-85, Cl. 400-202.400.

Krull, Klaus, to Licentia Patent-Verwaltungs-GmbH. Service integrated digital transmission system operating in time multiplex. 4,506,356, 3-19-85, Cl. 370-1.000.

Krull, Klaus: *See—*
Hauk, Waldemar; Krull, Klaus; and Welzenbach, Manfred, 4,545,048, Cl. 370-1.000.

Krumenacker, Leon: *See—*
Costantini, Michel; Igersheim, Francoise; and Krumenacker, Leon, 4,560,801, Cl. 568-362.000.

Krumholz, Freda. Computer teaching system. 4,538,993, 9-3-85, Cl. 434-118.000.

Krumin, Donald K.; and Larson, Orville W., to Motorola, Inc. Paging receiver and supporting receptacle therefor. 4,534,063, 8-6-85, Cl. 455-344.000.

Krumkalns, Eriks V., to Eli Lilly and Company. N,N-disubstituted carboxamide derivatives, and fungicidal use thereof. 4,501,746, 2-26-85, Cl. 514-357.000.

Krumkalns, Eriks V.; and Smiley, David L., to Eli Lilly and Company. Fungicidal pyridylmethyl-amines. 4,552,886, 11-12-85, Cl. 514-342.000.

Krumkalns, Eriks V.; and Smiley, David L., to Eli Lilly and Company. Fungicidal amines. 4,552,960, 11-12-85, Cl. 544-336.000.

Krumm, Helmut: *See—*
Roentgen, Paul; Krumm, Helmut; Lenzen, Gunter; and Schilde, Heinz, 4,554,199, Cl. 428-194.000.
Roentgen, Paul; Krumm, Helmut; Krasborn, Gottfried; and Lenzen, Gunter, 4,555,607, Cl. 219-10.570.

Krumm, Valentin: *See—*
Cramer, Gottfried; and Krumm, Valentin, 4,520,850, Cl. 139-194.000.

Krummacher, Martin W.; Harmon, Lavon A.; and Clipfell, Perry E. System for the treatment of waste products. 4,559,870, 12-24-85, Cl. 100-215.000.

Krumme, John F.; and Hodgson, Darel E., to Alchemia Ltd. Partnership. Stapling device. 4,550,870, 11-5-85, Cl. 227-19.000.

Krumme, John F.: *See—*
Hodgson, Darel E.; and Krumme, John F., 4,556,050, Cl. 128-1.00R.

Krummel, Peter, to Siemens Aktiengesellschaft. Inverter with a load circuit containing a series oscillating circuit and a discharge lamp. 4,547,706, 10-15-85, Cl. 315-226.000.

Krummnack, Friedrich: *See—*
Trumper, Thomas; Schoop, Gunther-Dietmar; Borgschulte, Fritz; and Krummnack, Friedrich, 4,515,410, Cl. 299-43.000.

- Krumpeck, Kurt: *See—*
  - Lenhard-Backhaus, Hugo; and Krumpeck, Kurt, 4,521,033, Cl. 280-700.000.
- Krumrein, Gerhard, to Telefunken Electronic GmbH. Flasher unit. 4,504,820, 3-12-85, Cl. 340-81.00R.
- Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., to PPG Industries, Inc. Method for controlling currents in glass melter. 4,536,205, 8-20-85, Cl. 65-135.000.
- Krumwiede, John F.; Harrell, William C.; Hilliard, William G.; and Harris, James E., to PPG Industries, Inc. Method and apparatus for controlling currents in glass melter. 4,544,396, 10-1-85, Cl. 65-178.000.
- Krumwiede, John F.: *See—*
  - Savolskis, Edward P.; and Krumwiede, John F., 4,551,161, Cl. 65-27.000.
- Krup MaK Maschinenbau GmbH: *See—*
  - Schmitt, Josef, 4,527,502, Cl. 114-319.000.
- Krupa, Jerry J.: *See—*
  - Urban, Warren J.; Barillo, Joseph; and Krupa, Jerry J., 4,536,338, Cl. 260-400.000.
- Kruper, William J., Jr.; and Swart, Daniel J., to Dow Chemical Company, The. Carbon dioxide oxirane copolymers prepared using double metal cyanide complexes. 4,500,704, 2-19-85, Cl. 528-405.000.
- Krupinski, Veronica M.: *See—*
  - Turner, Jan R.; Krupinski, Veronica M.; Fukuda, David S.; and Baltz, Richard H., 4,559,301, Cl. 435-76.000.
- Krupka, Yaakov: *See—*
  - Fischler, Henryk; Krupka, Yaakov; and Behar, Salamon, 4,527,567, Cl. 128-419.0PT.
- Krupp Bruninghaus GmbH: *See—*
  - Hegemann, Fritz; and Beihammer, Horst, 4,534,418, Cl. 172-708.000.
- Krupp Corpoplast Maschinenplast GmbH: *See—*
  - Hone, Norbert; Horwege, Claus; and Rosenkranz, Otto, 4,499,044, Cl. 264-521.000.
- Krupp-Koppers GmbH: *See—*
  - Diemer, Peter; Brake, Werner; and Dittmer, Rainer, 4,511,549, Cl. 423-574.00R.
  - Diemer, Peter, 4,530,821, Cl. 423-238.000.
  - Diemer, Peter; and Wohner, Hans J., 4,559,210, Cl. 423-237.000.
  - Durslen, Heinz; Faust, Winifried; and Schlosser, Rainer, 4,532,010, Cl. 202-248.000.
  - Gelfand, Jan, 4,518,461, Cl. 202-270.000.
  - Goeke, Eberhard; and Ludolph, Jurgen, 4,505,719, Cl. 48-202.000.
  - Petrovic, Vladan, 4,523,906, Cl. 432-197.000.
  - Rizzon, John; Adomat, Gunter; and Diemer, Peter, 4,554,053, Cl. 201-21.000.
- Krupp Polysius AG: *See—*
  - Ahrens, Norbert; Daniel, Helmut; and Schacknies, Gerhard, 4,491,419, Cl. 366-101.000.
  - Ahrens, Norbert; Heinemann, Otto; Klockenbusch, Heinrich; and Kluger, Wolfgang, 4,539,782, Cl. 52-192.000.
  - Grachtrup, Heinz, 4,554,876, Cl. 110-246.000.
  - Heinemann, Otto, 4,545,704, Cl. 406-32.000.
  - Kreft, Wilfried, 4,492,566, Cl. 432-14.000.
  - Kupper, Detlev, 4,514,170, Cl. 432-106.000.
  - Schulte, Hans-Gerd, 4,497,761, Cl. 264-66.000.
  - Weber, Paul, 4,560,412, Cl. 106-101.000.
- Krupp Stahl Aktiengesellschaft: *See—*
  - Dislich, Heinz; and Richter, Horst, 4,525,463, Cl. 501-99.000.
  - Kasper, Willi; Licht, Helmut; Raquet, Erwin; and Schneider, Jurgen, 4,496,183, Cl. 295-7.000.
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  - Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.
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  - Kruppert, Frederick W., 4,504,042, Cl. 266-115.000.
- Kruppert, Frederick W., to Kruppert Enterprises, Inc. Apparatus for heat treating steel. 4,504,042, 3-12-85, Cl. 266-115.000.
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- Krusche, Alfred, to Linde Aktiengesellschaft. Control device for a hydrostatic transmission. 4,559,778, 12-24-85, Cl. 60-447.000.
- Krusche, Kurt, to Allstar Verbrauchsguter GmbH & Co., KG. Storage device. 4,494,661, 1-22-85, Cl. 211-87.000.
- Kruse, Clifford L. Solar desalination system and method. 4,504,362, 3-12-85, Cl. 203-3.000.
- Kruse, Friedel, to Hauni-Werke Korber & Co. KG. Packing machine for cigarettes or the like. 4,548,019, 10-22-85, Cl. 53-170.000
- Kruse, Hansjorg: *See—*
  - Konz, Elmar; and Kruse, Hansjorg, 4,547,508, Cl. 514-307.000.
  - Kuch, Heinz; and Kruse, Hansjorg, 4,542,148, Cl. 514-418.000.
- Kruse, Jerry L.: *See—*
  - Ritchey, Stephen; and Kruse, Jerry L., 4,559,782, Cl. 60-605.000.
- Kruse, John M.: *See—*
  - Wright, William H.; and Kruse, John M., 4,505,696, Cl. 493-130.000.
- Kruse, Lawrence I.: *See—*
  - Frazee, James S.; Kaiser, Carl; and Kruse, Lawrence I., 4,532,331, Cl. 548-342.000.
- Kruse, Lyle W., to United States of America, Energy. Portal radiation monitor. 4,509,042, 4-2-85, Cl. 340-600.000.
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- Kruse, William C. Chuck collet. 4,513,980, 4-30-85, Cl. 279-51.000.
- Kruse, William E. Pile having wedge former. 4,543,015, 9-24-85, Cl. 405-256.000.
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  - Nulman, Jaime; and Krusius, J. Peter, 4,496,419, Cl. 156-643.000.
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  - Humphries, Michael J.; Liu, Chih-an; and Krutenat, Richard C., 4,532,191, Cl. 428-678.000.
- Krutsch, John R.: *See—*
  - Barlow, Gordon A.; and Krutsch, John R., 4,504,243, Cl. 446-447.000.
- Krutten, Viktor, to Fresenius AG. Union for medical instruments or pipes and a female half of such a union. 4,538,836, 9-3-85, Cl. 285-24.000.
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  - Straszewski, Klaus; Ender, Erhard; and Krutzfeldt, Herbert, 4,527,317, Cl. 24-641.000.
- Krutzler, James: *See—*
  - Holt, Anne; and Krutzler, James, 4,505,222, Cl. 118-304.000.
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- Kruyer, Jan. Method and apparatus for separating slurries and emulsions. 4,529,496, 7-16-85, Cl. 208-11.0LE.
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  - Hamm, James R.; and Young, William E., 4,499,722, Cl. 60-39.120.
- Kryger, Allen C., to Squirt & Company. Aseptic juice or beverage and flavor enhancement system therefor. 4,534,991, 8-13-85, Cl. 426-592.000.
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- Kryger, Allen C., to Squirt & Company. Grapefruit juice and process for preparing same. 4,562,087, 12-31-85, Cl. 426-599.000.
- Krygowski, Matthew A.; Messina, Benedicto U.; and Silkman, William D., to International Business Machines Corporation. System for independent cache-to-cache transfer. 4,503,497, 3-5-85, Cl. 364-200.000.
- Krynicki, Witold. Chip assembly. 4,536,638, 8-20-85, Cl. 219-121.0LC.
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  - Markbreiter, Stephen J.; and Schorr, Hans P., 4,522,636, Cl. 55-23.000.
- Krys, Joseph F.: *See—*
  - McNesby, John B.; and Krys, Joseph F., 4,538,286, Cl. 375-112.000.
- Krysicki, Jerzy: *See—*
  - Zawodny, Arthur; and Krysicki, Jerzy, 4,492,446, Cl. 354-215.000.
- Kryskow, J. Michael, Jr.; Bobzin, Jeffery J.; and Allen, Bruce S., to Gould Inc. Multi-station token pass communication system. 4,491,946, 1-1-85, Cl. 370-89.000.
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- Krywchuk, David: *See—*
  - Haverstock, Wayne; Krywchuk, David; and Masak, Peter, 4,520,683, Cl. 74-41.000.
- Krywiczanin, Wladyslaw H.; and Lumsden, William, to British-American Tobacco Company Limited. Feeding web material. 4,553,712, 11-19-85, Cl. 242-58.000.
- Kryze, Jiri: *See—*
  - Clerget, Michel; Germain, Francois; Kryze, Jiri; and Poujois, Robert, 4,534,650, Cl. 356-376.000.
- Ksaacson, Henry V.; and Wright, Hal E., to Eastman Kodak Company. Chloroaluminumphthalocyanine exhibiting reduced green spectral absorption. 4,535,046, 8-13-85, Cl. 430-78.000.
- Ku, Audrey Y.; Chupp, John P.; and Balthazor, Terry M., to Monsanto Company. Preparation of 2-(methylthiomethyl)-6-(trifluoromethyl)aniline from ortho-aminobenzotrifluoride. 4,496,765, 1-29-85, Cl. 564-440.000.
- Ku, Audrey Y.: *See—*
  - Chupp, John P.; Ku, Audrey Y.; Neumann, Thomas E.; and Nickson, Thomas E., 4,532,353, Cl. 564-442.000.
- Ku, Ming-ho, to Tradebest International Corporation. Greeting card with blinking light apparatus. 4,559,583, 12-17-85, Cl. 362-32.000.
- Ku, Ta C.: *See—*
  - Firth, Rowland V. D., III; Goff, Willie, Jr.; Ku, Ta C.; and Rakes, James M., 4,520,371, Cl. 346-76.0PH.
- Ku, Thomas W.: *See—*
  - Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., 4,533,747, Cl. 560-152.000.

  - Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., 4,552,893, Cl. 514-560.000.
- Ku, Walter H.: *See—*
  - Chao, Pane-Chane; and Ku, Walter H., 4,536,942, Cl. 29-571.000.
  - Chao, Pane-Chane; and Ku, Walter H., 4,551,905, Cl. 29-571.000.
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- Kub, Francis J., to Westinghouse Electric Corp. Lateral bipolar transistor. 4,549,196, 10-22-85, Cl. 357-35.000.
- Kuba, Jan: *See—*
  - Nemec, Frantisek; Moos, Petr; Bytesnik, Milan; Kuba, Jan; and Lacina, Tomislav, 4,553,072, Cl. 315-244.000.
- Kubach, Hans, to Robert Bosch GmbH. Pressure control valve. 4,509,715, 4-9-85, Cl. 251-138.000.
- Kubach, Hans; Kienzle, Wolfgang; Paschke, Werner; and Sauer, Rudolf, to Robert Bosch GmbH. Injection valve. 4,519,547, 5-28-85, Cl. 239-585.000.
- Kubach, Hans, to Robert Bosch GmbH. Regulating device for the signal of an electromagnetic control element. 4,520,779, 6-4-85, Cl. 123-357.000.
- Kubach, Hans; Kemmner, Ulrich; and Grimm, Gerold, to Robert Bosch GmbH. Electric control motor. 4,536,731, 8-20-85, Cl. 335-272.000.
- Kubach, Hans, to Robert Bosch GmbH. Pole structure for a polarized electromagnet. 4,546,339, 10-8-85, Cl. 335-230.000.
- Kubach, Hans: *See—*
  - Gassler, Hermann; Joos, Eugen; Jundt, Werner; Kubach, Hans; and Singer, Erich, 4,491,113, Cl. 123-490.000.
  - Gassler, Hermann; Joos, Eugen; Kubach, Hans; Maisch, Wolfgang; and Singer, Erich, 4,501,247, Cl. 123-453.000.
  - Gast, Theodor; Kubach, Hans; and Binder, Kurt, 4,512,549, Cl. 251-137.000.
  - Gmelin, Karl; Kubach, Hans; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schelhas, Peter, 4,545,353, Cl. 123-454.000.
- Kubacki, Steven R. Tent construction. 4,519,410, 5-28-85, Cl. 135-93.000.
- Kubanek, George R.: *See—*
  - Gauvin, William H.; and Kubanek, George R., 4,519,835, Cl. 75-10.00R.
- Kubat, James J.: *See—*
  - Hicks, John E.; and Kubat, James J., 4,516,638, Cl. 172-22.000.
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- Kubbeler, Hans-Klaus: *See—*
  - Erpenbach, Heinz; Gehrmann, Klaus; Horstermann, Peter; Kubbeler, Hans-Klaus; and Kohl, Georg, 4,549,937, Cl. 203-40.000.
- Kubec, Frantisek: *See—*
  - Rohlicek, Vojtech; Hruby, Jaroslav; Nohavica, Dusan; Hrdlicka, Jan; Vykouk, Vlastimil; and Kubec, Frantisek, 4,535,784, Cl. 128-735.000.
- Kubens, Rolf: *See—*
  - Kleiner, Frank; Kubens, Rolf; Reese, Eckart; and Wank, Joachim, 4,515,925, Cl. 525-439.000.
- Kubert, Thomas: *See—*
  - Kutzner, Willi A. P.; Schneider, Georg; and Kubert, Thomas, 4,559,871, Cl. 101-207.000.
- Kubert, Vincent T.; Frampton, John C.; and Ono, George Y., to Harris Graphics Corporation. Inker for a printing press. 4,493,257, 1-15-85, Cl. 101-349.000.
- Kubetin, William T. Cutter tip measuring device. 4,559,712, 12-24-85, Cl. 33-201.000.
- Kubiak, Jerome: *See—*
  - Granzow, Carl F.; Lash, Edward G.; Gleason, Everett; and Kubiak, Jerome, 4,530,226, Cl. 72-171.000.
- Kubiak, Teresa M.: *See—*
  - Folkers, Karl; Bowers, Cyril Y.; Kubiak, Teresa M.; and Stepinski, Janusz, 4,504,414, Cl. 260-112.5LH.
- Kubiatowicz, David O.: *See—*
  - Windorski, David C.; and Kubiatowicz, David O., 4,509,506, Cl. 128-1.200.
- Kubiatowicz, James F., to Custom Concepts, Incorporated. Water jet toy. 4,496,329, 1-29-85, Cl. 446-167.000.
- Kubicki, Michael J.: *See—*
  - Fruchey, Melvin C.; and Kubicki, Michael J., 4,533,052, Cl. 206-602.000.
- Kubik, Incorporated: *See—*
  - Poppelreiter, Joseph C., II, 4,543,517, Cl. 318-632.000.
- Kubik, Peter S.: *See—*
  - Alles, Harold G.; and Kubik, Peter S., 4,542,375, Cl. 340-712.000.
- Kubina, Stephen J.: *See—*
  - Atkinson, Gordon E.; and Kubina, Stephen J., 4,535,819, Cl. 137-846.000.
- Kubinyi, Hugo; Traut, Martin; and Gries, Josef, to BASF Aktiengesellschaft. Benzoylthio compounds, their preparation and their use as drugs. 4,500,467, 2-19-85, Cl. 514-2.000.
- Kubis, Charles S.: *See—*
  - Roth, Donald J.; Kubis, Charles S.; Walter, John; and Mohr, Glenn R., 4,519,859, Cl. 156-69.000.
  - Roth, Donald J.; Kubis, Charles S.; and Walter, John, 4,548,668, Cl. 156-357.000.
  - Roth, Donals J.; Kubis, Charles S.; and Walter, John, 4,503,990, Cl. 220-276.000.
- Kubli, Robert A.: *See—*
  - Flanagan, James L.; and Kubli, Robert A., 4,555,598, Cl. 179-121.00D.
- Kubo, Akira; Ishii, Akihiko; Nishizaki, Ken; and Saito, Tomoharu, to Shinto Paint Co., Ltd. Coating composition. 4,499,225, 2-12-85, Cl. 524-276.000.
- Kubo, Hirofumi; and Fujimori, Toshiyuki, to Hitachi, Ltd. Molded coil structure. 4,496,926, 1-29-85, Cl. 336-205.000.
- Kubo, Hiromasa, to Nissan Motor Company, Limited. Oxygen-sensing system. 4,519,237, 5-28-85, Cl. 73-23.000.
- Kubo, Hiroshi: *See—*
  - Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,501,606, Cl. 71-92.000.
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- Kubo, Junji: *See—*
  - Ishizuka, Seiichi; and Kubo, Junji, 4,5[illegible]564, Cl. 514-167.000.
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- Kubo, Kanji, to Honda Giken Kogyo Kabushiki Kaisha. Seal member and tolerance compensator. 4,541,64[illegible], [illegible]-85, Cl. 277-183.000.
- Kubo, Kanji: *See—*
  - Hashimoto, Noriaki; Kubo, Kanji; and Izumi, Chikahiko, 4,561,071, Cl. 365-230.000.
  - Taniguchi, Hiroshi; Ohtsu, Masamitsu; and Kubo, Kanji, 4,544,966, Cl. 360-75.000.
- Kubo, Katsuro; Yoshioka, Takeo; Okabe, Mitsuyasu; Fukagawa, Yasuo; and Ishikura, Tomoyuki, to Sanraku-Ocean Co., Ltd. Phosphoric ester of antibiotic OA-6129. 4,508,648, 4-2-85, Cl. 260-245.20T.
- Kubo, Keiji: *See—*
  - Hirooka, Masaaki; Kubo, Keiji; and Yoshihara, Toshiyuki, 4,517,271, Cl. 430-94.000.
- Kubo, Keishi; Watanabe, Hideo; Takigawa, Nobuhiro; Hagiri, Minoru; and Kawasaki, Kanjiro, to Ricoh Company, Ltd. Heat-sensitive recording medium affording patterns with different colors. 4,500,896, 2-19-85, Cl. 346-204.000.
- Kubo, Keishi; and Kawamura, Eiichi, to Ricoh Company, Ltd. Heat-sensitive recording material. 4,513,052, 4-23-85, Cl. 428-219.000.
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  - Kurisu, Norio; and Kubo, Keishi, 4,547,788, Cl. 346-208.000.
  - Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, 4,538,164, Cl. 346-209.000.
  - Watanabe, Hideo; Takigawa, Nobuhiro; Hakiri, Minoru; Kawasaki, Kanjirou; and Kubo, Keishi, 4,529,993, Cl. 346-208.000.
  - Watanabe, Hideo; Hakiri, Minoru; Kawasaki, Kanjirou; Kubo, Keishi; and Takigawa, Nobuhiro, 4,562,448, Cl. 346-208.000.
- Kubo, Kenji: *See—*
  - Kami, Yozo; Minakawa, Masaaki; and Kubo, Kenji, 4,538,831, Cl. 280-666.000.
- Kubo, Kiyoshi; and Ohshiro, Toshio, to Matsushita Electric Industrial Co., Ltd.; and Japan Medical Laser Laboratory Co., Ltd. Apparatus for laser light medical treatment. 4,561,440, 12-31-85, Cl. 128-395.000.
- Kubo, Kunimichi; Yoshikawa, Mamoru; Watanabe, Motokazu; Miyazaki, Yasunosuke; and Miyoshi, Mituji, to Nippon Oil Co., Ltd. Method for vapor phase polymerization of olefins. 4,525,548, 6-25-85, Cl. 526-72.000.
- Kubo, Masaharu: *See—*
  - Koike, Norio; Takemoto, Iwao; Ohba, Shinya; Masuhara, Toshiaki; and Kubo, Masaharu, 4,514,766, Cl. 358-213.000.
- Kubo, Mitsuo: *See—*
  - Sugiyama, Hiroyuki; Shibamoto, Takeshi; Sato, Hideo; Furuki, Tsuneo; Kubo, Mitsuo; and Tanaka, Koji, 4,554,597, Cl. 358-335.000.
  - Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.
- Kubo, Mituru: *See—*
  - Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.
- Kubo, Miyuki: *See—*
  - Shirai, Shiro; Ogahara, Shunji; and Kubo, Miyuki, 4,536,749, Cl. 340-525.000.
- Kubo, Motonobu; and Honda, Kazumi, to Sanyo-Kokusaku Pulp Co., Ltd. Diacrylate and method for manufacturing the same. 4,556,729, 12-3-85, Cl. 560-220.000.
- Kubo, Naomi, to Usui Kokusai Sangyo Kabushiki Kaisha. Manufacturing a steel tube including tufftriding. 4,495,003, 1-22-85, Cl. 148-15.500.
- Kubo, Osamu; Ido, Tadashi; Nomura, Tutomu; and Maeda, Tatsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Production of a magnetic powder having a high dispersibility. 4,493,874, 1-15-85, Cl. 428-403.000.
- Kubo, Sanae; and Nakamura, Fumiaki, to Shiseido Company Ltd. Waving lotion for cold waving. 4,547,365, 10-15-85, Cl. 424-71.000.
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- Kubo, Sanae; and Kawada, Emiko, to Shiseido Company Ltd. Neutralizer for cold waving. 4,560,554, 12-24-85, Cl. 424-71.000.
- Kubo, Seiji: *See—*
  - Nagatomo, Hideaki; Yasuda, Mitsuo; and Kubo, Seiji, 4,497,240, Cl. 98-2.010.

Kubo, Seitoku; Kuramochi, Koujiro; and Arai, Hajime, to Toyota Jidosha Kogyo Kabushiki Kaisha. Automatic transmission for vehicles. 4,528,869, 7-16-85, Cl. 74-695.000.

Kubo, Shigeki: *See—*
- Nakahira, Hiroshi; and Kubo, Shigeki, 4,532,112, Cl. 423-87.000.

Kubo, Susumu: *See—*
- Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.

Kubo, Takeshi; Kawano, Junji; Takahashi, Fumio; and Yamaguchi, Tsutomu, to Shinko Electric Co., Ltd. Method of making thermal transfer type multicolor printing. 4,551,729, 11-5-85, Cl. 346-1.100.

Kubo, Tatsuki: *See—*
- Inoue, Akira; Takase, Shinji; Sekido, Yasuo; Mori, Masao; and Kubo, Tatsuki, 4,508,849, Cl. 502-263.000.

Kubo, Teruyuki: *See—*
- Sekiguchi, Koichi; Takematsu, Hikaru; Yamamoto, Kazuyuki; and Kubo, Teruyuki, 4,551,583, Cl. 179-99.00M.

Kubo, Tetsuo: *See—*
- Kodama, Hiroaki; Kubo, Tetsuo; and Miwa, Sinkichi, 4,555,799, Cl. 382-8.000.

Kubo, Tetsushi. Holder of pipes or pipe joints for welding. 4,524,959, 6-25-85, Cl. 269-43.000.

Kubo, Yoichiro; Kohtaki, Takaaki; and Oura, Kiyomori, to Nippon Zeon Co. Ltd. Process for hydrogenating conjugated diene polymers. 4,510,293, 4-9-85, Cl. 525-338.000.

Kubo, Yoichiro: *See—*
- Watanabe, Noboru; Oyama, Motofumi; and Kubo, Yoichiro, 4,559,390, Cl. 525-349.000.
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Kubo, Yoshiharu, to AWA Engineering Co., Ltd. Apparatus for winding video tape on reels of a cassette. 4,540,132, 9-10-85, Cl. 242-67.10R.

Kubo, Yoshimi: *See—*
- Shimizu, Shigeaki; Kubo, Yoshimi; Arai, Yoshio; Suzuki, Tetsuo; and Igarashi, Hitoshi, 4,517,727, Cl. 29-570.000.

Kubo, Yoshizo; and Utagawa, Ikuo, to Alps Electric Co., Ltd. Input device. 4,503,286, 3-5-85, Cl. 178-18.000.

Kubo, Yoshizo; and Utagawa, Ikuo, to Alps Electric Co., Ltd. Input device. 4,504,700, 3-12-85, Cl. 178-18.000.

Kubo, Yukihiko, to Teikoku Piston Ring Co., Ltd. Oil ring with coil expander. 4,522,412, 6-11-85, Cl. 277-138.000.

Kubochi, Yoshiaki: *See—*
- Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, 4,517,299, Cl. 435-197.000.

Kubodera, Noboru: *See—*
- Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Kuboki, Shigeo; and Kato, Kazuo, to Hitachi, Ltd. Analog to digital converter. 4,523,180, 6-11-85, Cl. 340-347.0AD.

Kuboki, Shigeo; Kato, Kazuo; and Miyakawa, Nobuaki, to Hitachi, Ltd. Analog-digital converter. 4,527,148, 7-2-85, Cl. 340-347.0AD.

Kuboshima, Akira: *See—*
- Shimizu, Hiromichi; Kuboshima, Akira; and Tanaka, Tadashi, 4,519,310, Cl. 101-35.000.

Kuboshima, Yasuyuki, to Florex Co., Ltd. Container for instantaneous adhesive having means to protect bias spring. 4,543,005, 9-24-85, Cl. 401-260.000.

Kubota, Hajime, to Dai Nippon Insatsu Kabushiki Kaisha. Process for producing coincidently embossed decorative sheets. 4,500,373, 2-19-85, Cl. 156-79.000.

Kubota, Hayato: *See—*
- Narimatsu, Hiroki; Sakamoto, Kenshi; Edayoshi, Tomoko; and Kubota, Hayato, 4,560,560, Cl. 426-38.000.
- Yoshida, Hideaki; and Kubota, Hayato, 4,534,982, Cl. 426-36.000.

Kubota, Hazime: *See—*
- Kobuki, Shinzo; Kubota, Hazime; and Miyamaru, Tsuneo, 4,494,723, Cl. 248-635.000.

Kubota, Hidetaka: *See—*
- Mathumoto, Sigemi; Kubota, Hidetaka; and Nagoshi, Fumiya, 4,525,530, Cl. 525-84.000.

Kubota, Hirokuni: *See—*
- Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Kubota, Hiromi; and Kambe, Toshiyuki, to Tokyo Electric Co., Ltd. Timer device. 4,551,588, 11-5-85, Cl. 200-33.00R.

Kubota, Hiromitsu: *See—*
- Kato, Hiroshi; and Kubota, Hiromitsu, 4,536,807, Cl. 360-72.300.

Kubota, Hirotoshi; Takano, Akira; Arai, Isao; and Matsuzaka, Masayoshi, to University of Tokyo. Method of stabilizing flight of a flying body and flight-stabilized flying body. 4,501,397, 2-26-85, Cl. 244-75.00R.

Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, to Nissan Motor Company, Limited; Tokico Ltd.; and Nippon Air Brake Co., Ltd. Fluid reservoir with fluid-level sensor. 4,500,761, 2-19-85, Cl. 200-84.00C.

Kubota, Hitoshi, to Nissan Motor Company, Limited. Deceleration-sensitive type hydraulic brake pressure control valve for automotive vehicle. 4,502,735, 3-5-85, Cl. 303-24.00F.

Kubota, Hitoshi, to Nissan Motor Company, Limited. Brake pressure control valve of a double piping system. 4,509,800, 4-9-85, Cl. 303-6.00C.

Kubota, Hitoshi, to Nissan Motor Company, Limited. Reservoir tank structure for master cylinder. 4,514,984, 5-7-85, Cl. 60-585.000.

Kubota, Hitoshi; Tanaka, Minoru; and Aiuchi, Susumu, to Hitachi, Ltd. Method for forming tapered films. 4,536,419, 8-20-85, Cl. 427-255.500.

Kubota, Hitoshi, to Nissan Motor Company, Limited. Brake pressure control unit of deceleration-responsive type. 4,560,208, 12-24-85, Cl. 303-6.00C.

Kubota, Isao; Kobayashi, Kunio; and Miyao, Toshimi, to Sony Corporation. Magnetic recording medium. 4,506,000, 3-19-85, Cl. 430-39.000.

Kubota, Kanya; Yamana, Hajimu; and Takeda, Seiichiro, to Doryokuro Kakunenryo Kaihatsu Jigyodan. Method for improving ruthenium decontamination efficiency in nitric acid evaporation treatment. 4,526,658, 7-2-85, Cl. 203-13.000.

Kubota, Kazuhisa: *See—*
- Mizuno, Shigeo; Kubota, Kazuhisa; and Ichikawa, Takahumi, 4,547,636, Cl. 200-61.540.

Kubota, Kazuho; and Todoroki, Masao, to Daiichi-Geyer Kabushiki Kaisha. Metal mold device. 4,541,605, 9-17-85, Cl. 249-142.000.

Kubota, Kiyonobu: *See—*
- Shinohara, Hironobu; Kubota, Kiyonobu; and Yoshida, Yoshinori, 4,547,200, Cl. 44-51.000.

Kubota, Ltd.: *See—*
- Aikawa, Norihiro, 4,561,341, Cl. 91-6.000.
- Bando, Niro; Kurohara, Kazuaki; Fujima, Yasuo; Ikeda, Fumihiro; Usiro, Kenzo; and Ogasawara, Hiroyuki, 4,509,614, Cl. 180-273.000.
- Eguchi, Jyutaro; Kashino, Shinzo; Odahara, Tetsuichi; and Sukenari, Gunzo, 4,497,162, Cl. 56-14.600.
- Fukuda, Masahiro; Okabayashi, Akitoshi; Narahara, Tadashi; Muramatsu, Kenji; Miyazaki, Noriyuki; and Fukushima, Masanori, 4,546,527, Cl. 29-132.000.
- Harada, Denzaburo, 4,513,636, Cl. 74-761.000.
- Hasegawa, Shigekazu; Okita, Naoki; and Machida, Satoshi, 4,535,847, Cl. 172-2.000.
- Hayashi, Tetsuaki; Kabu, Masahiro; and Yamashita, Nobuyuki, 4,513,834, Cl. 180-70.100.
- Hiraishi, Hisashi; Nishihara, Hisakatsu; and Shiokawa, Hiroyuki, 4,561,890, Cl. 75-125.000.
- Hirata, Mitsuki; Sato, Yoshitaka; and Matudaira, Kaname, 4,512,413, Cl. 172-74.000.
- Ito, Katsumi; and Fuziwara, Osami, 4,537,271, Cl 180-131.000.
- Katayama, Yoshiyuki; and Nishida, Tetsuya, 4,553,605, Cl. 172-2.000.
- Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.
- Maeoka, Kazuyuki, 4,548,027, Cl. 56-10.200.
- Matsubara, Yoshitaka, 4,553,446, Cl. 74-471.00R.
- Matsuda, Yoshiaki; Oohashi, Yoshimitsu; Sanpei, Keiichi; and Nagamine, Yoshifumi, 4,543,079, Cl. 474-111.000.
- Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, 4,555,948, Cl. 73-640.000.
- Mouri, Akihiko; Tabuchi, Yoshinobu; Tsuda, Akira; Tsutsumi, Masahiro; and Ikeda, Kazushige, 4,552,503, Cl. 414-687.000.
- Murakami, Shinichi; and Mihara, Takao, 4,560,931, Cl. 324-220.000.
- Nishihara, Hisakatsu; and Yoshimitsu, Arata, 4,538,668, Cl. 164-448.000.
- Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.
- Shimoie, Shizuo, 4,541,161, Cl. 29-401.100.
- Shinosaki, Akira; and Amako, Shinji, 4,527,411, Cl. 72-340.000.
- Tanaka, Tomiho; and Osujo, Masahide, 4,548,291, Cl. 180-321.000.
- Umemoto, Tomeo; and Yotsumoto, Toshiyuki, 4,528,872, Cl. 74-781.00R.
- Yamakami, Yoshiaki; and Yoshimitsu, Arata, 4,540,424, Cl. 65-100.000.
- Yano, Naomichi; Makido, Isao; and Ito, Hajime, 4,510,921, Cl. 126-429.000.
- Yoshida, Jituo; Okuyama, Shigeaki; and Suzuki, Hiroshi, 4,519,193, Cl. 56-328.00R.
- Yoshii, Takashi, 4,553,624, Cl. 180-255.000.
- Yoshimura, Shingo; Ito, Katsumi; and Tanaka, Shigeru, 4,545,453, Cl. 180-131.000.
- Yukishige, Yoshifumi; Toyokuni, Kazuo; and Kuroiwa, Yoshizo, 4,546,840, Cl. 180-169.000.

Kubota, Masao. Revolving cutting tool. 4,541,756, 9-17-85, Cl. 407-45.000.

Kubota, Michio; and Shoji, Takeshi, to Nisshin Steel Co., Ltd. Aluminum coated steel support for planographic plate. 4,526,103, 7-2-85, Cl. 101-459.000.

Kubota, Naohiro: *See—*
- Minagawa, Motonobu; Kubota, Naohiro; and Shibata, Toshihiro, 4,499,220, Cl. 524-102.000.
- Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,500,663, Cl. 524-101.000.
- Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,525,506, Cl. 524-102.000.

Kubota, Nobunori: *See—*
- Nakahara, Teiji; Sakai, Shoji; Noda, Koshi; Fujiwara, Michiaki; and Kubota, Nobunori, 4,535,944, Cl. 242-35.50A.
- Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,517,794, Cl. 57-304.000.
- Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,538,329, Cl. 19-244.000.

Kubota, Norio: *See—*
- Tone, Syoiti; and Kubota, Norio, 4,512,526, Cl. 242-36.000.

Kubota, Reiko: *See—*
- Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, 4,514,573, Cl. 564-387.000.

Kubota, Satoshi; Nakashima, Mikito; Mogami, Takao; and Nakagawa, Tetsuo, to Kabushiki Kaisha Suwa Seikosha. Surface hard coat for a synthetic resin lens. 4,525,421, 6-25-85, Cl. 428-412.000.

Kubota, Shigeo, to Sony Corporation. Apparatus for detecting a position of an optical pickup. 4,501,493, 2-26-85, Cl. 356-123.000.

Kubota, Shikibu; and Tsuji, Shisaku, to Nissan Motor Company, Limited. Safety system of automotive automatic transmission operating device. 4,513,276, 4-23-85, Cl. 340-52.00R.

Kubota, Shikibu, to Nissan Motor Company, Limited. Column shift type gear selector device for an automatic power transmission of an automotive vehicle. 4,537,088, 8-27-85, Cl. 74-473.0SW.

Kubota, Shouichi: *See—*
- Rachi, Kazuo; Kubota, Shouichi; and Sasaki, Isamu, 4,540,589, Cl. 426-250.000.

Kubota, Tadashi: *See—*
- Hamane, Tokuhito; Tasai, Masaaki; and Kubota, Tadashi, 4,497,111, Cl. 29-734.000.

Kubota, Tadatoshi: *See—*
- Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, 4,529,721, Cl. 514-191.000.

Kubota, Takashi: *See—*
- Adachi, Akira; Kubota, Takashi; Okada, Yukio; Miyazaki, Kenichi; and Hagiwara, Taro, 4,504,534, Cl. 428-71.000.

Kubota, Takuo: *See—*
- Nagamoto, Mitsuki; and Kubota, Takuo, 4,514,711, Cl. 335-243.000.
- Nagamoto, Mitsuki; and Kubota, Takuo, 4,532,487, Cl. 335-128.000.

Kubota, Tatsushi: *See—*
- Matsunami, Muneharu; Tsuge, Hiroshi; Kubota, Tatsushi; and Ogawa, Hisashi, 4,536,010, Cl. 280-802.000.
- Yamada, Makoto; Kubota, Tatsushi; and Kojima, Ikuzo, 4,518,173, Cl. 280-806.000.

Kubota, Tetsumaru, to Olympus Optical Co., Ltd. Resectoscope. 4,538,610, 9-3-85, Cl. 128-303.150.

Kubota, Tetuo: *See—*
- Inoue, Makoto; Irie, Hirofumi; Kobayashi, Youichi; and Kubota, Tetuo, 4,540,323, Cl. 413-6.000.

Kubota, Toru; Tamate, Masazi; and Sauzu, Masaaki, to Nissan Motor Company, Limited. Battery voltage drop alarm device for a battery forklift truck. 4,492,955, 1-8-85, Cl. 340-636.000.

Kubota, Tsutomu: *See—*
- Goto, Jugo; and Kubota, Tsutomu, 4,552,920. Cl. 525-58.000.

Kubota, Yasuo; Tanaka, Kazuhiko; and Kikushima, Kazuyuki, to Dai Nippon Insatsu Kabushiki Kaisha. Apparatus for making masks and/or block copies for printing. 4,514,767, 4-30-85, Cl. 358-280.000.

Kubota, Yoshitaka: *See—*
- Shinmi, Hideo; and Kubota, Yoshitaka, 4,530,868, Cl. 428-57.000.

Kubota, Yuichi; Nishimatsu, Masaharu; and Shimada, Shigeru, to TDK Corporation. Magnetic recording medium. 4,559,265, 12-17-85, Cl. 428-336.000.

Kubota, Yuichi: *See—*
- Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.
- Nishimatsu, Masaharu; Ide, Toshiaki; Arioka, Hiroyuki; and Kubota, Yuichi, 4,547,419, Cl. 428-212.000.
- Nishimatsu, Masaharu; Kubota, Yuichi; Tamazaki, Kazunori; and Shimada, Shigeru, 4,560,617, Cl. 428-423.100.
- Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.

Kubotera, Hiroshi; Ogawa, Kenji; and Hatakeyama, Kenji, to Mitsui Engineering & Shipbuilding Co., Ltd.; and Kajima Corporation. Apparatus for taking up rod type materials. 4,548,537, 10-22-85, Cl. 414-276.000.

Kubotsu, Akira: *See—*
- Akagi, Takao; Yamaguchi, Shinji; and Kubotsu, Akira, 4,522,873, Cl. 428-283.000.
- Ueeda, Ryuhei; Fujii, Kiyonobu; Kubotsu, Akira; Kaneda, Shunji; and Okuno, Kenji, 4,560,715, Cl. 523-443.000.

Kuboyama, Keiji; Matsui, Takeki; and Kimura, Takeo, to Asahi Kasei Kogyo Kabushiki Kaisha. Indium-antimony complex crystal semiconductor and process for production thereof. 4,539,178, 9-3-85, Cl. 420-555.000.

Kubozoe, Morioki: *See—*
- Shii, Kazuo; Kobayashi, Hiroyuki; Kubozoe, Morioki; and Isakozawa, Shigeto, 4,494,000, Cl. 250-311.000.

Kubozuka, Takao: *See—*
- Hirano, Yoshinori; Kondo, Masahiko; and Kubozuka, Takao, 4,553,505, Cl. 123-41.200.

Kubr, Vaclav; Mulhaupt, Bruno; and Paschedag, Hansjoachim, to Sulzer-Escher Wyss Ltd. Twin pusher centrifuge including rotatable pusher. 4,493,768, 1-15-85, Cl. 210-360.200.

Kubr, Vaclav: *See—*
- Paschedag, Hansjoachim; Mulhaupt, Bruno; and Kubr, Vaclav, 4,493,769, Cl. 210-360.200.

Kubushiki Kaisha Toyota Chuo Kenkyusho: *See—*
- Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, 4,506,545, Cl. 73-119.00A.

Kucera, Carrell J., to Norden Laboratories, Inc. Modified *Pasteurella haemolytica* bacteria. 4,506,017, 3-19-85, Cl. 435-253.000.

Kucera, Carrell J., to Norden Laboratories, Inc. Modified *Pasteurella multocida* bacteria. 4,559,306, 12-17-85, Cl. 435-253.000.

Kucera, Gene H.; and Roche, Michael F., to United States of America, Energy. Glass electrolyte composition. 4,544,614, 10-1-85, Cl. 429-193.000.

Kucera, Helmut W.; and Saad, Samy K., to Textron, Inc. Water dispersible polyurethane adhesive compositions and adhesive layer formed therefrom. 4,540,633, 9-10-85, Cl. 428-423.100.

Kucera, William J.: *See—*
- Dressel, William G.; and Kucera, William J., 4,538,357, Cl. 33-203.180.

Kuch, Heinz; and Kruse, Hansjorg, to Hoechst Aktiengesellschaft. 2-oxo-3-phenyl indole derivatives, drugs having a neuroanabolic action containing them, and their use. 4,542,148, 9-17-85, Cl. 514-418.000.

Kuch, Philip L., to Standard Oil Company, The. Process for the production of hydrogen and carbonyl sulfide from hydrogen sulfide and carbon monoxide using a precious metal promoted metal oxide/sulfide catalyst. 4,496,531, 1-29-85, Cl. 423-416.000.

Kuch, Philip L.: *See—*
- Jevnikar, Mary G.; and Kuch, Philip L., 4 500,505, Cl. 423-416.000.
- McGuiggan, Michael F.; and Kuch, Philip L., 4,496,530, Cl. 423-416.000.

Kuchar, Paul J.; Sampson, Robert W.; and Pacanowski, Ronald F., to UOP Inc. Humidity monitor and method. 4,505,147, 3-19-85, Cl. 73-29.000.

Kucharska, Helena Z.; and Burton, Thomas M., to Fiberglas Canada Inc. Blowing agents and their use in preparations of polyester foams. 4,507,406, 3-26-85, Cl. 521-85.000.

Kucharska, Helena Z.; and Burton, Thomas M., to Fiberglas Canada Inc. Blowing agents and their use in preparations of polyester foams. 4,550,124, 10-29-85, Cl. 521-85.000.

Kucharska, Helena Z.: *See—*
- Burton, Thomas M.; and Kucharska, Helena Z., 4,514,523, Cl. 521-85.000.
- Burton, Thomas M.; and Kucharska, Helena Z., 4,560,706, Cl. 521-85.000.

Kuchenbecker, Morris W., to James River-Norwalk, Inc. Cook-in carton with improved integral support structure. 4,505,391, 3-19-85, Cl. 206-622.000.

Kuchenbecker, Morris W., to James River-Dixie/Northern, Inc. Carton with improved opening structure. 4,538,732, 9-3-85, Cl. 206-613.000.

Kuchenbecker, Morris W., to James River-Norwalk, Inc. Tear strip end closure on liquid tight carton. 4,546,884, 10-15-85, Cl. 206-611.000.

Kucher, Carl J. Combination toothpick, gum massager, and dental floss holder. 4,546,782, 10-15-85, Cl. 132-91.000.

Kuchirka, Peter J.: *See—*
- Argall, Bruce M.; Kuchirka, Peter J.; and Radford, Kenneth C., 4,522,744, Cl. 252-478.000.

Kuchuk-Yatsenko, Sergei I.: *See—*
- Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.
- Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.

Kuchuris, George F., to Singer Company, The. Electrical coil assembly. 4,546,340, 10-8-85, Cl. 336-192.000.

Kuck, David L., to Iceberg Cribs, Inc. Ice crib. 4,522,537, 6-11-85, Cl. 405-288.000.

Kuck, Karl-Heinz: *See—*
- Maurer, Fritz; Brandes, Wilhelm; Kuck, Karl-Heinz; Reinecke, Paul; and Scheinpflug, Hans, 4,521,420, Cl. 514-259.000.

Kuck, Mark A.: *See—*
- Michel, Christian G.; Schachter, Rozalie; Kuck, Mark A.; Baumann, John A.; and Raccah, Paul M., 4,508,931, Cl. 136-255.000.

Kuck, Ulrich: *See—*
- Esser, Karl; Stahl, Ulf; Tudzynski, Paul; and Kuck, Ulrich, 4,492,758, Cl. 435-317.000.

Kuckein, Wilfried; Mylius, Albert; Bechtel, Peter; and Hofer, Adalbert, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung; and G & H Montage GmbH. Heat-resistant lining for wall, such as helicopter engine compartment bulkhead, and wall lined therewith. 4,535,017, 8-13-85, Cl. 428-77.000.

Kuckelhahn, Kjeld, to Danfoss A/S. Digital control device for an inverse rectifier. 4,514,678, 4-30-85, Cl. 318-807.000.

Kuckens, Alexander; and Kohl, Horst, to Dagma Deutsche Automaten und Getrankemaschinen GmbH & Co. KG. Method of and device for dispensing viscous concentrates of variable viscosity in accurately metered quantities of variable volume. 4,518,105, 5-21-85, Cl. 222-207.000.

Kuckens, Alexander. Apparatus for impregnating water with carbon dioxide. 4,530,803, 7-23-85, Cl. 261-29.000.

Kuckens, Alexander; and Kohl, Horst, to Dagma Deutsche Automaten und Getrankemaschinen GmbH & Co. KG. Method and an apparatus for the production and dispensing in portions of noncarbonated mixed drinks. 4,552,286, 11-12-85, Cl. 222-145.000.

Kuckes, Arthur F., to Gearhart Industries, Inc. Apparatus including a magnetometer having a pair of U-shaped cores for extended lateral range electrical conductivity logging. 4,502,010, 2-26-85, Cl. 324-338.000.

Kuckes, Arthur F. System located in drill string for well logging while drilling. 4,529,939, 7-16-85, Cl. 324-346.000.

Kuckhermann, Gustav, to Icoma Packtechnik GmbH. Separation apparatus for separating perforated paper tube sections. 4,498,894, 2-12-85, Cl. 493-234.000.

Kuckuk, William R., to Square D Company. Removable memory package, associated apparatus and method of use. 4,502,130, 2-26-85, Cl. 365-52.000.

Kuczkowski, Joseph A.: *See—*

Parker, Dane K.; Kuczkowski, Joseph A.; and Kimball, Michael E., 4,517,331, Cl. 524-451.000.

Wideman, Lawson G.; and Kuczkowski, Joseph A., 4,515,713, Cl. 260-106.000.

Kuda, Vladimir; Vasicek, Vladimir; Vykydal, Frantisek; and Vystrcil, Jiri , to ZVS Vyzkumnevyvojovy ustav koncernova ucelova organizace. Weft inserting device. 4,552,188, 11-12-85, Cl. 139-435.000.

Kuda, Vladimir: *See—*

Henzl, Jindrich; Kuda, Vladimir; Vasicek, Vladimir; and Klimes, Stanislav, 4,557,299, Cl. 139-452.000.

Novak, Jiri; Pjgrt, Jan; Bezdicek, Jan; Fenik, Milan; Kuda, Vladimir; and Vasicek, Vladimir, 4,503,891, Cl. 139-116.000.

Kudaka, Satoru: *See—*

Yamane, Masataka; Kusashio, Akira; Kudaka, Satoru; Kobayashi, Tatuhiro; and Ebata, Yasuhiko, 4,505,129, Cl. 62-280.000.

Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, to Nihon Tokushu Noyaku Seizo K.K. Insecticidal, acaricidal, and nematicidal O-ethyl S-alkyl S-(1,2,4-oxadiazol-5-yl-methyl) phosphorodithiolate derivatives, compositions, and methods of use. 4,497,804, 2-5-85, Cl. 514-92.000.

Kudamatsu, Akio: *See—*

Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,535,076, Cl. 514-128.000.

Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,556,650, Cl. 514-128.000.

Kudelski, S.A.: *See—*

Kudelski, Stefan, 4,500,817, Cl. 318-7.000.

Kudelski, Stefan, 4,508,292, Cl. 242-190.000.

Kudelski, Stefan; Rosselet, Ernest; and Pertz, Eberhard, 4,542,663, Cl. 74-801.000.

Kudelski, Stefan, to Kudelski, S.A.; and Ampex Corporation. Tape tension sensor and servo embodying same. 4,500,817, 2-19-85, Cl. 318-7.000.

Kudelski, Stefan, to Ampex Corporation; and Kudelski, S.A. Tape loop sensing arm and tape guide for magnetic tape recording and playback machines. 4,508,292, 4-2-85, Cl. 242-190.000.

Kudelski, Stefan, to Ampex Corporation. Reel servo for tape transport. 4,513,229, 4-23-85, Cl. 318-7.000.

Kudelski, Stefan; and Rosselet, Ernest, to Ampex Corporation. Tape driving capstan powered with a permanent magnet motor. 4,521,706, 6-4-85, Cl. 310-67.00R.

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Kuder, Carl L.: *See—*

Smith, Daniel J.; Glasscock, Jessie F., Jr.; Poska, Richard P.; and Kuder, Carl L., 4,542,646, Cl. 73-78.000.

Kudert, Frederick G.; Latreille, Maurice G.; Tennant, William A.; and Tung, Thomas T., to American Can Company. Apparatus for simultaneously driving valve means through co-injection nozzles of a multi-cavity injection molding machine. 4,497,621, 2-5-85, Cl. 425-145.000.

Kudert, Frederick G.; Latreille, Maurice G.; and Tennant, William A., to American Can Company. Flow stream channel splitter devices for multi-coinjection nozzle injection molding machines. 4,511,528, 4-16-85, Cl. 264-328.800.

Kudert, Frederick G.; Tennant, William A.; and Tung, Thomas T., to American Can Company. Polymer flow stream redirecting and feeding device. 4,512,730, 4-23-85, Cl. 425-130.000.

Kudinov, Gennady A.; Kasyanov, Grigory I.; Lysenko, Evgeny E.; Tolochko, Alexei I.; Yazev, Vasily A.; and Antonov, Vladimir M., to Vnipicermetenergoochistka. Cooling plate for metallurgical furnaces. 4,561,639, 12-31-85, Cl. 266-193.000.

Kudlacek, Donald S. Bowsight for compound archery bows. 4,535,747, 8-20-85, Cl. 124-87.000.

Kudler, Paul S., to Majestic Rides Mfg. Co. Bumper car ride. 4,522,390, 6-11-85, Cl. 272-29.000.

Kudlich, Walter: *See—*

Voss, Jurgen; Dombkowski, Otto; Kudlich, Walter; and Stodulka, Jan, 4,555,024, Cl. 206-454.000.

Kudo, Hiroyuki; Watanabe, Atsumi; and Sasaki, Hiroshi, to Hitachi, Ltd. Protective relay. 4,562,507, 12-31-85, Cl. 361-85.000.

Kudo, Hisashi: *See—*

Fujita, Yuko; Kudo, Hisashi; and Tanigawa, Ikuo, 4,495,051, Cl. 204-408.000.

Fujita, Yuko; and Kudo, Hisashi, 4,539,086, Cl. 204-129.000.

Kudo, Ichiro; Kasai, Yoshiaki; and Yuasa, Masaharu, to Fuji Jukogyo Kabushiki Kaisha. System for preventing knocking in a combustion engine. 4,535,739, 8-20-85, Cl. 123-425.000.

Kudo, Isao: *See—*

Kanaya, Takakuni; Kudo, Isao; and Yokota, Seiji, 4,541,299, Cl. 74-493.000.

Kudo, Katsutaka: *See—*

Mori, Chuzo; Watanabe, Jun; and Kudo, Katsutaka, 4,509,397, Cl. 83-453.000.

Kudo, Kazuhiko: *See—*

Chino, Koichi; Kudo, Kazuhiko; Oda, Akira; Mura, Hideichi; and Takamura, Yoshiyuki, 4,526,713, Cl. 252-632.000.

Kudo, Koji: *See—*

Takahashi, Kenji; Nagahara, Shusaku; Ozawa, Naoki; Kudo, Koji; and Hirano, Chikafusa, 4,527,200, Cl. 358-213.000.

Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, 4,549,117, Cl. 315-371.000.

Kudo, Masaki: *See—*

Ozawa, Kiyomi; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,504,483, Cl. 514-351.000.

Ozawa, Kiyomi; Nakajima, Yasuyuki; Tsugeno, Makoto; Ishii, Shigeru; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,540,706, Cl. 514-403.000.

Kudo, Masashi: *See—*

Kitaguchi, Hiroshi; Kudo, Masashi; and Fujii, Masaaki, 4,532,103, Cl. 376-245.000.

Kudo, Mitsuhiro: *See—*

Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.

Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, 4,539,616, Cl. 360-125.000.

Kudo, Mituo: *See—*

Mochizuki, Taketoshi; Kudo, Mituo; Senshu, Takao; and Kimura, Hideyuki, 4,528,823, Cl. 62-324.600.

Kudo, Shiro; and Mukaiyama, Megumi, to Asahi-matsu Foods Inc.; and Takeda Chemical Industries, Ltd. Soybean-based fibrous or granular food material having improved texture. 4,504,514, 3-12-85, Cl. 426-634.000.

Kudo, Shiro; and Hayashi, Mitsuyoshi, to Asahi-matsu Foods Inc.; and Mitsubishi Corporation. Preservable granular tofu (soybean curd) and the process of production thereof. 4,511,588, 4-16-85, Cl. 426-302.000.

Kudo, Shiro; and Akaba, Kunihisa, to Asahi-matsu Foods Inc.; and Takeda Chemical Industries, Ltd. Soybean-based fibrous food material having improved preservability and texture. 4,557,936, 12-10-85, Cl. 426-104.000.

Kudo, Tetsuichi: *See—*

Kanehori, Keiichi; Miyauchi, Katsuki; Ito, Yukio; Kirino, Fumiyoshi; and Kudo, Tetsuichi, 4,555,456, Cl. 429-131.000.

Miyauchi, Katsuki; Kudo, Tetsuichi; Minato, Osamu; Masuhara, Toshiaki; and Uetani, Yoshio, 4,539,660, Cl. 365-229.000.

Kudo, Tomio, to Teac Corporation. Device for cleaning the magnetic head of a recorder/reproducer apparatus for use with a magnetic tape cartridge or the like. 4,514,777, 4-30-85, Cl. 360-128.000.

Kudo, Uichi: *See—*

Masuhara, Hideki; Katada, Kunio; and Kudo, Uichi, 4,533,892, Cl. 336-147.000.

Kudo, Yasuhiko: *See—*

Takeda, Koji; Akahane, Masao; Mukaiyama, Fumiaki; and Kudo, Yasuhiko, 4,551,846, Cl. 375-82.000.

Kudo, Yoshiaki: *See—*

Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.

Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, 4,515,702, Cl. 252-49.600.

Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, 4,537,691, Cl. 252-49.600.

Kudo, Yoshihiko; Kawabata, Hidetsugu; Birukawa, Masahiro; Hara, Noriaki; and Muto, Akira, to Matsushita Electric Industrial Co., Ltd. Magneto-optical recording medium. 4,497,870, 2-5-85, Cl. 428-457.000.

Kudo, Yoshihiko, to Kureha Chemical Industry Co., Ltd. Off-gas desulfurization process. 4,554,140, 11-19-85, Cl. 423-243.000.

Kudo, Yoshihiko: *See—*

Abe, Shunichi; Akiyama, Mitsuo; and Kudo, Yoshihiko, 4,538,231, Cl. 364-483.000.

Kudo, Yoshinobu, to Minolta Camera Kabushiki Kaisha. Inverted telephoto type lens system. 4,493,536, 1-15-85, Cl. 350-462.000.

Kudo, Yozo: *See—*

Sawa, Yuji; and Kudo, Yozo, 4,507,039, Cl. 414-152.000.

Kudoh, Michio; Matsuno, Mitsuo; and Imai, Hirosuke, to Nippon Oil Co., Ltd. Process for producing alkylbenzenes. 4,511,748, 4-16-85, Cl. 585-467.000.

Kudoh, Michio: *See—*

Matsuno, Mitsuo; Kudoh, Michio; and Imai, Hiroshuke, 4,533,781, Cl. 585-516.000.

Kudoh, Toshio: *See—*

Kusui, Akio; Morita, Shuji; Kudoh, Toshio; Tanaka, Yasuo; and Itoh, Hirotaka, 4,508,414, Cl. 339-143.00R.

Kudoh, Yasuo: *See—*

Takeda, Takeshi; Machida, Yasuhiko; Kudoh, Yasuo; and Ikegaya, Kazutoshi, 4,508,632, Cl. 252-70.000.

Kudomi, Mitsuharu: *See—*

Ishigure, Masao; Ota, Mitsuo, Takaoka, Naotoshi; and Kudomi, Mitsuharu, 4,559,530, Cl. 340-664.000.

- Kudva, Balakrishna V.: *See—*
  - Mistretta, Charles A.; Peppler, Walter W.; Kudva, Balakrishna V.; Hasegawa, Bruce H.; and Dobbins, James T., III, 4,497,062, Cl. 378-158.000.
- Kuebker, William A.: *See—*
  - Morrow, Robert M.; Kuebker, William A.; and McGinity, James W., 4,537,689, Cl. 252-11.000.
- Kuech, Thomas F.; and Meyerson, Bernard S., to International Business Machines Corporation. Silicon dopant source in intermetallic semiconductor growth operations. 4,504,331, 3-12-85, Cl. 148-175.000.
- Kuechler, Irvin R. Compact double fan apparatus and method with grease-separating capabilities. 4,506,655, 3-26-85, Cl. 126-299.00D.
- Kuechler, Thomas C.; Ebner, Jerry R.; and Li, Tao P., to Monsanto Company. Process for oxidation and ammoxidation. 4,521,395, 6-4-85, Cl. 423-376.000.
- Kuecker, Pamela M., to Maytag Company, The. Fabric dryer control with cycle interrupt. 4,531,307, 7-30-85, Cl. 34-48.000.
- Kuehfuss, Runwalt, to De La Rue Giori S.A. Apparatus for automatically converting piles of freshly printed sheets of value tokens, in particular sheets of bank notes, into bundle packs. 4,558,557, 12-17-85, Cl. 53-506.000.
- Kuehfuss, Runwalt, to De La Rue Giori S.A. Method for the manufacture of freshly printed security papers cut to format and automatic cutting machine for carrying out the method. 4,558,615, 12-17-85, Cl. 83-74.000.
- Kuehl, Guenter H., to Mobil Oil Corporation. Process for making zeolite ZSM-45 with a dimethyldiethylammonium directing agent. 4,495,303, 1-22-85, Cl. 502-62.000.
- Kuehl, Guenter H.: *See—*
  - Chu, Pochen; and Kuehl, Guenter H., 4,537,758, Cl. 423-329.000.
- Kuehl, Lawrence J. Apparatus for removing honey frames from supers. 4,520,519, 6-4-85, Cl. 6-12.00R.
- Kuehl, Ulrich: *See—*
  - Kehrbach, Wolfgang; Wegener, Joachim; Kuehl, Ulrich; Budden, Renke; and Buschmann, Gerd, 4,552,877, Cl. 514-239.000.
  - Kehrbach, Wolfgang; Wegener, Joachim; Kuehl, Ulrich; Budden, Renke; and Buschmann, Gerd, 4,554,274, Cl. 514-239.000.
  - Schoen, Uwe; Hachmeister, Bernd; Kehrbach, Wolfgang; Kuehl, Ulrich; and Buschmann, Gerd, 4,550,112, Cl. 514-278.000.
- Kuehlein, Georg; and Gerlach, Ernst, to Rehau Plastiks AG & Co. Multilayer medical working means. 4,557,959, 12-10-85, Cl. 428-36.000.
- Kuehler, Christopher W., to Chevron Research Company. Coal liquefaction using vacuum distillation and an external residuum feed. 4,510,038, 4-9-85, Cl. 208-10.000.
- Kuehler, Christopher W., to Chevron Research Company. Upflow packed bed catalytic reactor with periodic bed expansion. 4,559,132, 12-17-85, Cl. 208-157.000.
- Kuehling, Guenter F., to Allied Corporation. Manual cable clamp closure. 4,554,818, 11-26-85, Cl. 72-410.000.
- Kuehn, Arthur: *See—*
  - Vercillo, Alfredo J.; and Kuehn, Arthur, 4,495,456, Cl. 318-755.000.
- Kuehn, Jack W., Sr. Flowable substance container and dispenser. 4,513,875, 4-30-85, Cl. 220-214.000.
- Kuehn, James: *See—*
  - Holzgang, Curtis R.; Leavitt, Mark K.; Doney, Alfred D.; and Kuehn, James, 4,536,755, Cl. 340-573.000.
- Kuehn, Thomas H., to Iowa State University Research Foundation, Inc. Net energy transfer measurement methods, apparatus and systems with solar energy and control applications. 4,555,764, 11-26-85, Cl. 364-557.000.
- Kuehn, Volker; Rothfuss, Werner; and Widmaier, Richard, to International Standard Electric Corporation. Component insertion table for manually equipping circuit carriers. 4,511,421, 4-16-85, Cl. 156-356.000.
- Kuehne, Norbert: *See—*
  - Raehse, Wilfried; Kuehne, Norbert; Wuest, Willi; and Engelskirchen, Konrad, 4,507,474, Cl. 536-97.000.
- Kuehne, Richard O., to W. R. Grace & Co., Cryovac Div. Puncture-resistant bag and method for vacuum packaging bone-in meat. 4,534,984, 8-13-85, Cl. 426-412.000.
- Kuehnl, Charles M., to Miller-Woods Inc. Apparatus for supplying fuel to an engine. 4,557,238, 12-10-85, Cl. 123-492.000.
- Kuehnle, Manfred R.; Matkan, Josef; and Fraser, Kenneth D., to Coulter Systems Corporation. Method and apparatus for developing electrostatic latent images. 4,504,138, 3-12-85, Cl. 355-10.000.
- Kuehnle, Manfred R.; Martinez, Ferdinand; Runyan, I. V.; and Barry, Carol M. F., to Coulter Systems Corporation. Multicolor electrophotographic imaging process. 4,510,223, 4-9-85, Cl. 430-44.000.
- Kuehnle, Manfred R.; and Martinez, Ferdinand, to Coulter Systems Corporation. Electrophotographic method for producing an opaque print. 4,510,225, 4-9-85, Cl. 430-126.000.
- Kuehnle, Manfred R.; Cahill, Lysle D.; Butler, John C.; and Bassuk, Lawrence J., to Coulter Systems Corporation. Optical mass memory system using electrophotography. 4,515,879, 5-7-85, Cl. 430-31.000.
- Kuehnle, Manfred R.; Perry, George J.; and Rose, Robert M., to Coulter Systems Corporation. Electrophotographic image recording method and apparatus. 4,521,097, 6-4-85, Cl. 355-3.00R.
- Kuehnle, Manfred R.; Rose, Robert M.; and Ballas, John S., to Coulter Systems Corporation. Electro-static sheet feeding method and apparatus. 4,526,357, 7-2-85, Cl. 271-18.200.
- Kuehnle, Manfred R.: *See—*
  - Lawson, John A.; Kuehnle, Manfred R.; and Knox, Joseph D., 4,561,730, Cl. 350-432.000.
  - Weber, Harold J.; Kuehnle, Manfred R.; Compton, James C.; Poulakis, John N.; Szymanski, Michael J.; Lindblom, Kenneth A.; and Cleveland, Donald S., 4,547,061, Cl. 355-10.000.
  - Weber, Harold J.; Kuehnle, Manfred R.; Fraser, Kenneth D.; and Lindblom, Kenneth A., 4,556,309, Cl. 355-3.0TR.
- Kuekes, Philip J.: *See—*
  - Rau, Bantwal R.; Glaeser, Christopher D.; and Kuekes, Philip J., 4,521,874, Cl. 365-221.000.
  - Rau, Bantwal R.; Glaeser, Christopher D.; and Kuekes, Philip J., 4,553,203, Cl. 364-200.000.
- Kuelzer, Peter, to Siemens Aktiengesellschaft. Ribbon monitor for ribbon cassette. 4,491,430, 1-1-85, Cl. 400-208.000.
- Kuelzow, Christopher J.; Kackos, Edward M.; and Murray, Francis J., to Vernitron Corporation. Process and apparatus for shortening the drying stage of a steam sterilization cycle. 4,497,773, 2-5-85, Cl. 422-26.000.
- Kueny, Cindee C., to Zenith Electronics Corporation. Unipotential electron gun for short cathode ray tubes. 4,496,877, 1-29-85, Cl. 315-15.000.
- Kueny, Don F., to Outboard Marine Corporation. Outboard motor mounting assembly. 4,524,942, 6-25-85, Cl. 248-643.000.
- Kueny, Don F., to Outboard Marine Corporation. Primer follow-through system. 4,532,895, 8-6-85, Cl. 123-187.50R.
- Kuenzel, Ulrich: *See—*
  - Druschke, Frank; Kraus, Georg; Kuenzel, Ulrich; Ruh, Wolf D.; and Schaefer, Rolf, 4,557,796, Cl. 156-643.000.
- Kuenzi, Martin: *See—*
  - Ghisalba, Oreste; Heinzer, Franz; and Kuenzi, Martin, 4,492,756, Cl. 435-253.000.
- Kueper, Terrance W.: *See—*
  - Dillinger, Thomas E.; and Kueper, Terrance W., 4,553,047, Cl. 307-297.000.
- Kuepper, Daniel H.; and Allen, Peter J., to Kimberly-Clark Corporation. Process for making nested paper towels. 4,543,142, 9-24-85, Cl. 156-209.000.
- Kuether, Christian L. Bath chair. 4,521,926, 6-11-85, Cl. 4-579.000.
- Kuffer, Fernand B., to General Dynamics, Pomona Division. Multispectral target detection system with common collecting means. 4,519,707, 5-28-85, Cl. 356-326.000.
- Kufner Textilwerke GmbH: *See—*
  - Hefele, Josef, 4,504,517, Cl. 427-13.000.
- Kufrin, Fred W.: *See—*
  - Nettesheim, Daniel R.; and Kufrin, Fred W., 4,492,162, Cl. 101-103.000.
  - Zahn, William L.; and Kufrin, Fred W., 4,534,471, Cl. 211-39.000.
- Kuga, Akihiko; and Kuga, Hiroo, to Kabushiki Kaisha Yaskawa Denki Seisakusho. Numerical control machine tool with sliding error compensation function. 4,499,546, 2-12-85, Cl. 364-474.000.
- Kuga, Hiroo: *See—*
  - Kuga, Akihiko; and Kuga, Hiroo, 4,499,546, Cl. 364-474.000.
- Kuga, Kazuhiko: *See—*
  - Narisawa, Shigeyuki; Funaki, Masahiko; Kojima, Hiroaki; and Kuga, Kazuhiko, 4,525,491, Cl. 521-174.000.
- Kuga, Tetsuro: *See—*
  - Araki, Kazumi; and Kuga, Tetsuro, 4,495,283, Cl. 435-107.000.
- Kugai, Katsutoshi: *See—*
  - Shibata, Setsuo; Koshiba, Yukihiko; Hamamoto, Yoshito; Kugai, Katsutoshi; Kawashima, Akiro; and Fujisawa, Hiroshi, 4,540,490, Cl. 210-323.200.
- Kuge, Takao, to Konishiroku Photo Industry Co., Ltd. Shutter release device for autofocusing camera. 4,506,966, 3-26-85, Cl. 354-195.100.
- Kuge, Takao, to Konishiroku Photo Industry Co., Ltd. Camera with vertically oriented film advance. 4,519,687, 5-28-85, Cl. 354-202.000.
- Kuge, Toshio; Yokoyama, Hiroshi; Nogita, Shunsuke; Nakamura, Yoichi; and Muroi, Katsumi, to Hitachi, Ltd. Method of coal upgrading. 4,523,927, 6-18-85, Cl. 44-1.00B.
- Kuge, Toshio: *See—*
  - Nakamura, Yoichi; Yamamoto, Akio; Nogita, Shunsuke; Kuge, Toshio; and Muroi, Katsumi, 4,511,363, Cl. 44-1.00G.
- Kugel, Roger W.: *See—*
  - Koskan, Larry P.; Kugel, Roger W.; and Kekish, George T., 4,530,701, Cl. 44-51.000.
- Kugele, Thomas G., to Morton Thiokol, Inc. Stabilizer compositions and polymers containing same. 4,558,083, 12-10-85, Cl. 524-181.000.
- Kugelman, Michael M., to B. F. Goodrich Company, The. Indirect current monitoring via voltage and impedance monitoring. 4,514,619, 4-30-85, Cl. 219-483.000.
- Kugimiya, Koichi, to Matsushita Electric Industrial Co., Ltd. Surface examining apparatus and method. 4,547,073, 10-15-85, Cl. 356-371.000.
- Kugimiya, Youichi: *See—*
  - Ishibashi, Tadao; and Kugimiya, Youichi, 4,508,786, Cl. 428-461.000.
- Kugler, Andrew J.: *See—*
  - Newman, Richard W.; Connors, John D.; Kugler, Andrew J.; and Loeffler, Herbert H., 4,552,153, Cl. 128-677.000.
- Kugler, Edwin L.: *See—*
  - Fiato, Rocco A.; and Kugler, Edwin L., 4,548,953, Cl. 518-717.000.
- Kugler, Kurt; Lessmann-Mieske, Hans-Henning; and Wein, Franz, to Maschinenfabrik Reinhausen Gebruder Scheubeck GmbH & Co. KG. Load-switching circuit for antiparallel thyristor networks and a tapped transformer. 4,550,285, 10-29-85, Cl. 323-343.000.
- Kugler, Tibor, to Swiss Aluminium Ltd. Process for purifying aluminum with sodium. 4,511,398, 4-16-85, Cl. 75-63.000.
- Kugler, Uwe H., to Deere & Company. Female coupler for a fluid circuit. 4,549,577, 10-29-85, Cl. 137-614.040.

- Kuguminato, Hideo: *See—*
  - Sunami, Hideo; Kuguminato, Hideo; Izumiyama, Yoshio; Yanagishima, Fumiya; Obara, Takashi; and Mochizuki, Kazuo, 4,561,909, Cl. 148-12.00D.
- Kuhara, Yoshiki: *See—*
  - Mitsui, Tsutomu; Tada, Konji; Kuhara, Yoshiki; and Tatsumi, Masami, 4,560,932, Cl. 324-244.000.
- Kuhasalo, Antti: *See—*
  - Kipelainen, Ossi; Kuhasalo, Antti; and Kyytsonen, Juhani, 4,491,067, Cl. 100-121.000.
- Kuhfus, Gerd: *See—*
  - Dragunevicius, Algirdas J.; Kuhfus, Gerd; and Walker, Charles R. S., 4,556,763, Cl. 179-164.000.
- Kuhfuss, Herbert F.: *See—*
  - Jackson, Winston J., Jr.; Kuhfuss, Herbert F.; and Watkins, Joseph J., 4,539,390, Cl. 528-303.000.
- Kuhl, Adolf, to Orell Fussli Graphische Betriebe AG. Planar card made of a thermoplastic material having visually recognizable safety markings and method of manufacturing such card. 4,506,916, 3-26-85, Cl. 283-91.000.
- Kuhl, David K.: *See—*
  - Rothfuss, Robert G.; Kuhl, David K.; Bilotti, Federico; Melling, Hugh; and Mills, Earl J., 4,534,351, Cl. 128-334.00R.
- Kuhl, Gunter H., to Mobil Oil Corporation. Method of preparing crystalline zeolite ZSM-12 and product. 4,552,739, 11-12-85, Cl. 423-328.000.
- Kuhl, Gunter H., to Mobil Oil Corporation. Synthesis of ZSM-12 zeolite. 4,559,213, 12-17-85, Cl. 423-329.000.
- Kuhl, Gunter H.: *See—*
  - Angevine, Philip J.; Kuhl, Gunter H.; and Mizrahi, Sadi, 4,521,297, Cl. 208-89.000.
  - Chu, Pochen; and Kuhl, Gunter H., 4,526,880, Cl. 502-71.000.
- Kuhl, Henry Y. Horizontal flat destacker. 4,537,208, 8-27-85, Cl. 134-124.000.
- Kuhl, Henry Y.: *See—*
  - Kuhl, Jeffrey B., 4,499,623, Cl. 15-3.130.
- Kuhl, Jeffrey B., to Kuhl, Henry Y. Egg cleaning apparatus. 4,499,623, 2-19-85, Cl. 15-3.130.
- Kuhl, Uwe; Krause, Andreas; and Kruger, Horst, to Dragerwerk Aktiengesellschaft. Electromagnetic ball valve. 4,511,118, 4-16-85, Cl. 251-137.000.
- Kuhl, Wilfried: *See—*
  - Haessler, Heinrich; and Kuhl, Wilfried, 4,542,266, Cl. 200-144.00B.
- Kuhl, Wilhelm; Kiefer, Dieter; and Josefowitz, Max, to Deutsche Babcock Werke Aktiengesellschaft. Means of sealing off the inside of a pulverizer. 4,501,430, 2-26-85, Cl. 277-59.000.
- Kuhla, Donald E.; Campbell, Henry F.; and Studt, William L., to William H. Rorer, Inc. Bicyclic benzenoid aminoalkylene ethers and thioethers, pharmaceutical compositions and use. 4,529,723, 7-16-85, Cl. 514-212.000.
- Kuhla, Donald E.; Campbell, Henry F.; and Studt, William L., to William H. Rorer, Inc. Naphthalene aminoalkylene ethers and thioethers, and their pharmaceutical uses. 4,543,352, 9-24-85, Cl. 514-212.000.
- Kuhla, Donald E.; Studt, William L.; Campbell, Henry F.; and Yelnosky, John, to William H. Rorer, Inc. Triazinones for treating irritable bowel syndrome. 4,562,188, 12-31-85, Cl. 514-245.000.
- Kuhla, Donald E.: *See—*
  - Campbell, Henry F.; Kuhla, Donald E.; Studt, William L.; and Dodson, Stuart A., 4,520,025, Cl. 514-275.000.
  - Goldman, Irving M.; Kuhla, Donald E.; and Sklavounos, Constantine, 4,550,164, Cl. 544-291.000.
- Kuhlberg, Joel F.: *See—*
  - Kniat, John; Kuhlberg, Joel F.; and Mickey, Daniel A., 4,504,030, Cl. 244-57.000.
- Kuhle, Engelbert; Brandes, Wilhelm; Rosslenbroich, Hans-Jurgen; and Klauke, Erich, to Bayer Aktiengesellschaft. Fungicidal N-sulphenylated hydantoins. 4,496,575, 1-29-85, Cl. 514-390.000.
- Kuhle, Engelbert; Klauke, Erich; Paulus, Wilfried; and Genth, Hermann, to Bayer Aktiengesellschaft. Process for protecting wood using N-(dichlorofluoromethylthio)-3,6-endomethylene-Δ^4-tetrahydrophthalimide. 4,513,003, 4-23-85, Cl. 514-411.000.
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Kulkaski, Bernard J.: *See*—
- Sayer, Bertram; and Kulkaski, Bernard J., 4,521,991, Cl. 49-161.000.

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- Kulow, Howard H., to Rowan Corporation. Manually loaded envelope feeder. 4,540,298, 9-10-85, Cl. 400-635.000.
- Kulp, Jonathan P., to Harsco Corporation. Helical conveyor. 4,557,367, 12-10-85, Cl. 198-313.000.
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  - Mackert, Wilhelm; and Matthay, Karlheinz, 4,541,801, Cl. 433-26.000.
  - Schaefer, Roland, 4,522,694, Cl. 204-159.240.
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  - Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.
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  - Nate, Kazuo; Inoue, Takashi; Yokono, Hitoshi; Ishikawa, Mitsuo; and Kumada, Makoto, 4,544,729, Cl. 528-28.000.
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- Kumada, Masayuki: *See—*
  - Otaka, Shoichi; Kondo, Yukio; Kumada, Masayuki; Kawamoto, Hideyo; and Miura, Keiji, 4,517,951, Cl. 123-572.000.
- Kumagae, Yojiro; and Iwasaki, Yasuhisa, to Yamamoto Kagaku Gosei Co., Ltd. Certain bis(benzoyl)pyridine compounds. 4,523,018, 6-11-85, Cl. 546-315.000.
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  - Suzuki, Takeshi; Murao, Mikio; Uchida, Masahiro; Kumagai, Chikanori; and Yotsui, Yasuhiko, 4,492,570, Cl. 432-106.000.
- Kumagai, Katuya: *See—*
  - Hideyama, Shozo; Ishizawa, Akio; Kumagai, Katuya; and Hashimoto, Minoru, 4,511,617, Cl. 428-212.000.
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  - Ando, Yoshio; Kumagai, Shuno; and Kinugasa, Toshiyuki, 4,552,715, Cl. 264-309.000.
- Kumagai, Tadanobu: *See—*
  - Numazawa, Akio; Sakai, Ichio; Kumagai, Tadanobu; and Nishikawa, Seiichi, 4,508,522, Cl. 464-11.000.
  - Sawabe, Masaki; and Kumagai, Tadanobu, 4,541,817, Cl. 464-111.000.
- Kumagai, Takashi: *See—*
  - Sato, Kazuhiro; Kumagai, Takashi; Ishizuka, Takuo; and Ishizuka, Tadatsugu, 4,527,253, Cl. 364-900.000.
- Kumagai, Toji, to Ichikoh Industries Limited; and Yugen-gaisha Shiba Seisakusho. Light assembly for use on vehicles. 4,562,518, 12-31-85, Cl. 362-249.000.
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  - Igarashi, Makoto; Kumagami, Naoki; and Okano, Kiichiro, 4,553,079, Cl. 318-626.000.
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  - Chiba, Hiromasa; Kumahara, Katsumi; Harada, Takakiyo; Oka, Takahiro; and Sato, Akihiro, 4,522,994, Cl. 526-351.000.
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  - Hamada, Takaaki; Kobayakawa, Yohji; Nishikawa, Akira; and Kawahara, Manabu, 4,546,857, Cl. 186-37.000.
- Kumai, Toshiyuki, to Murakami Kaimeido Co., Ltd. Electric mirror angle adjusting device with pivoting cross-shaped member. 4,498,738, 2-12-85, Cl. 350-637.000.
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- Kumakura, Koichi: *See—*
  - Masaki, Tomoh; Kamishiro, Toshiro; Okazoe, Takashi; Kumakura, Koichi; and Masaki, Mitsuo, 4,507,297, Cl. 514-252.000.
- Kumakura, Mikio: *See—*
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
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- Kumakura, Toshio: *See—*
  - Tabaru, Kazunori; Aoyama, Takafumi; and Kumakura, Toshio, 4,554,232, Cl. 430-106.600.
- Kumamaru, Kuniaki: *See—*
  - Hiraki, Shunichi; Kinoshita, Hiroshi; Kumamaru, Kuniaki; Koguchi, Shigeo; and Yonezawa, Toshio, 4,521,256, Cl. 148-1.500.
  - Hiraki, Shunichi; Kumamaru, Kuniaki; Koshino, Yutaka; and Yonezawa, Toshio, 4,542,400, Cl. 357-54.000.
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  - Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.
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  - Nishiike, Naritoshi; Nishimaki, Takashi; Miura, Yasushi; and Kumamura, Masaaki, 4,555,228, Cl. 425-185.000.
- Kumano, Akira: *See—*
  - Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Seisuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.
- Kumano, Isao: *See—*
  - Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
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  - Tomiyori, Takashi; Fukuda, Misao; Yamashita, Iwao; Simizu, Nobuo; and Kumano, Takeshi, 4,505,073, Cl. 51-165.00R.
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  - Tanaka, Osamu; Nakashima, Shozaburo; Nagano, Takashi; Kumano, Tomoji; and Hiromae, Yoshitaka, 4,543,134, Cl. 148-113.000.
- Kumar, Ananda H.; and Srikrishnan, Kris V., to International Business Machines Corporation. Selective coating of metallurgical features of a dielectric substrate with diverse metals. 4,493,856, 1-15-85, Cl. 427-57.000.

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  Adwalpalker, Avinash S.; Kumar, Ananda H.; and Weisman, Renee L., 4,504,322, Cl. 134-1.000.

Kumar, Binod: *See—*
  Daly, Richard T.; Cohen, Martin G.; and Kumar, Binod, 4,507,787, Cl. 372-62.000.

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Kumar, Kaplesh: *See—*
  Das, Dilip K.; Kumar, Kaplesh; and Wettstein, Ernest C., 4,533,407, Cl. 148-102.000.

Kumar, Mahesh, to RCA Corporation. Frequency multiplier circuit for producing isolated odd and even harmonics. 4,531,105, 7-23-85, Cl. 333-117.000.

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  Whartenby, James C.; and Kumar, Mahesh, 4,554,514, Cl. 330-149.000.

Kumar, Narayan G., to Johnson & Johnson Dental Products Company. Dental restorative compositions having improved mechanical properties and hydrolytic stability. 4,500,657, 2-19-85, Cl. 523-116.000.

Kumar, Narayan G.: *See—*
  Denton, Robert K., Jr.; and Kumar, Narayan G., 4,492,777, Cl. 523-115.000.

Kumar, Prabhat; and Anand, Vidhu, to Cabot Corporation. Silicon-rich alloy coatings. 4,561,892, 12-31-85, Cl. 75-251.000.

Kumar, Vijay, to AMP Incorporated. Grounding mating hardware. 4,512,618, 4-23-85, Cl. 339-14.00R.

Kumar, Viraraghavan S.; and Olson, Rohn L., to Deere & Company. Control valve. 4,494,726, 1-22-85, Cl. 251-29.000.

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Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, to Hitachi, Ltd. Magnetic head and method of fabricating same. 4,559,572, 12-17-85, Cl. 360-110.000.

Kumasaka, Noriyuki: *See—*
  Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, 4,539,616, Cl. 360-125.000.

Kumasaka, Osamu; and Touma, Teruo, to Pioneer Video Corporation. Optical data recording disc and system. 4,554,655, 11-19-85, Cl. 369-275.000.

Kumasaka, Sadao; Tada, Satomi; Horikoshi, Shigeo; Kamanaka, Tamaki; and Taniguchi, Hiroshi, to Toyo Rubber Chemical Industry Co., Ltd. Process for regenerating resin. 4,517,312, 5-14-85, Cl. 521-47.000.

Kumasaka, Sadao; and Tada, Satomi, to Toyo Rubber Chemical Industry Co., Ltd. Method for manufacturing phenolic resin foam. 4,520,141, 5-28-85, Cl. 521-126.000.

Kumashiro, Hatsuyoshi: *See—*
  Kaneko, Hideo; Kumashiro, Hatsuyoshi; and Iwata, Akira, 4,527,616, Cl. 164-502.000.

Kumashiro, Hatuyoshi: *See—*
  Kaneko, Hideo; Kumashiro, Hatuyoshi; and Iwata, Akira, 4,495,982, Cl. 164-452.000.

Kumashiro, Kenji: *See—*
  Yamashita, Kiyotoshi; Ishikawa, Minoru; Ohta, Hideo; and Kumashiro, Kenji, 4,554,247, Cl. 430-622.000.

Kumata, Fujio: *See—*
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Kumata, Fumio: *See—*
  Ihara, Hiroyuki; Takahashi, Kazuo; Matsubara, Michiro; Kumata, Fumio; and Sanami, Yoshitomo, 4,495,089, Cl. 252-364.000.

Kumata, Hirotaka: *See—*
  Nakajima, Tetsuo; and Kumata, Hirotaka, 4,493,304, Cl. 123-479.000.

Kumata, Koji; and Fukuda, Masao, to Sanyo Chemical Industries, Ltd. Polyurethane based on epoxy-containing polymer polyol and process for making the same. 4,542,165, 9-17-85, Cl. 521-137.000.

Kumata, Masao; and Matsuoka, Noriaki, to Sanyo Electric Co., Ltd. Air-cooled fuel cell system. 4,508,793, 4-2-85, Cl. 429-26.000.

Kumatani, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Low inertial variable speed induction motor. 4,491,753, 1-1-85, Cl. 310-77.000.

Kumatani, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Low inertia induction motor. 4,554,472, 11-19-85, Cl. 310-62.000.

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Kumazawa, Eiji, to Kabushiki Kaisha Kogai Boshi Sogo Kenkyusho. Electrolyzed water producing apparatus. 4,533,451, 8-6-85, Cl. 204-229.000.

Kumazawa, Satoru: *See—*
  Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
  Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
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Kumazawa, Takahiro; Nakamura, Yoshihiro; and Izawa, Toshihisa, to Nippondenso Co., Ltd. Method of manufacturing a heat exchanger. 4,558,695, 12-17-85, Cl. 228-183.000.

Kumazawa, Takashi: *See—*
  Hironaka, Yoshio; and Kumazawa, Takashi, 4,551,555, Cl. 568-401.000.

Kumazawa, Tetsuo; Doi, Hiroaki; Miyadera, Yasuo; Fujioka, Atsushi; and Nagai, Tadashi, to Hitachi, Ltd.; Hitachi Chemical Company, Ltd.; and Fuji Fiber Glass Co., Ltd. Composite fibrous product. 4,528,223, 7-9-85, Cl. 428-36.000.

Kumazawa, Toshiaki; Oiji, Yoshimasa; Tanaka, Hiroshi; and Shuto, Katsuichi, to Kyowa Hakko Kogyo Co., Ltd. Antiulcer [1] benzepino[3,4-b]pyridine and compositions. 4,547,496, 10-15-85, Cl. 514-218.000.

Kumbier, Richard L.: *See—*
  Brissette, Ronald N.; and Kumbier, Richard L., 4,542,996, Cl. 384-536.000.

Kume, Hiroshi, to Fuji Xerox Co., Ltd. Retransmission control system. 4,506,361, 3-19-85, Cl. 370-85.000.

Kume, Hiroshi; and Tan, Yoichi, to Fuji Xerox Co., Ltd. Time division digital signal transmission system with block packing. 4,516,240, 5-7-85, Cl. 370-85.000.

Kume, Hiroshi; and Tan, Yoichi, to Fuji Xerox Co., Ltd. Retransmission control system. 4,536,875, 8-20-85, Cl. 370-85.000.

Kume, Hiroshi, to Fuji Xerox Co., Ltd. Channel access system. 4,538,261, 8-27-85, Cl. 370-85.000.

Kume, Hisao; and Sanma, Takahide, to Sony Corporation. Grid apparatus for use with a color cathode ray tube. 4,495,437, 1-22-85, Cl. 313-403.000.

Kume, Kazunari: *See—*
  Hatsuse, Toshikazu; and Kume, Kazunari, 4,492,479, Cl. 368-109.000.

Kume, Masao: *See—*
  Miyatake, Satoshi; Abe, Mitsuo; Kume, Masao; Yonemura, Shigehiro; and Umino, Hiroshi, 4,561,216, Cl. 51-165.920.

Kume, Masato, to Clarion Co., Ltd. Tape player for vehicles. 4,533,966, 8-6-85, Cl. 360-96.500.

Kume, Nobuyuki; Yoshino, Harumi; and Nagaoka, Miyuki, to Masushita Electric Industrial Co., Ltd. Roll type capacitor having segmented metallized areas. 4,494,168, 1-15-85, Cl. 361-273.000.

Kume, Satoru: *See—*
  Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000.

Kume, Toyohiko: *See—*
  Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,497,804, Cl. 514-92.000.
  Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,535,076, Cl. 514-128.000.
  Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,556,650, Cl. 514-128.000.

Kumei, Yasuhiro: *See—*
  Sato, Atsushige; Miura, Ishi; Kumei, Yasuhiro; Okuno, Osamu; Nakano, Tsuyoshi; and Yoshida, Bunsaku, 4,528,034, Cl. 75-255.000.

Kumekawa, Kazuhisa; and Ando, Shinichi, to Jidosha Kiki Co., Ltd. Method of and apparatus for forging hollow blank member. 4,561,274, 12-31-85, Cl. 72-54.000.

Kumiai Chemical Industry Co., Ltd.: *See—*
  Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.

Kumiai Kagaku Kogyo Kabushiki Kaisha: *See—*
  Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.

Kuminecz, Jerome F.; and Lausten, Merlyn F., to United States of America, National Aeronautics and Space Administration. Spray applicator for spraying coatings and other fluids in space. 4,519,545, 5-28-85, Cl. 239-288.000.

Kumm, John H.: *See—*
  Kumm, William H.; and Kumm, John H., 4,559,761, Cl. 53-397.000.

Kumm, William H.; and Kumm, John H. Method for transporting insulation to a work area. 4,559,761, 12-24-85, Cl. 53-397.000.

Kummeke, Heinrich: *See—*
  Greune, Christian; and Kummeke, Heinrich, 4,522,025, Cl. 60-39.150.

Kummel, Joachim. Heat exchanger with bulk material retarder system. 4,546,821, 10-15-85, Cl. 165-96.000.

Kummer, David A.: *See—*
  - Brewer, James A.; Eggebrecht, Lewis C.; Kummer, David A.; and McHugh, Patricia P., 4,556,952, Cl. 364-900.000.
  - Eggebrecht, Lewis C.; Kummer, David A.; and Saenz, Jesus A., 4,495,594, Cl. 364-900.000.

Kummer Electronics B.V.: *See—*
  - Kummer, Jan, 4,523,545, Cl. 119-14.080.

Kummer, Emanuel: *See—*
  - Oetiker, Hans; and Kummer, Emanuel, 4,499,111, Cl. 426-231.000.
  - Oetiker, Hans; and Kummer, Emanuel, 4,547,725, Cl. 324-61.00R.

Kummer, Jan, to Kummer Electronics B.V. Apparatus for removing a milking set of a milking machine, particularly for a cow-shed. 4,523,545, 6-18-85, Cl. 119-14.080.

Kummer, Martin; Krieg, Uwe; Jundt, Wolfgang; Rieker, Werner; Schadlich, Fritz; and Schaal, Gunter, to Robert Bosch GmbH. Low noise planing machine, particularly hand planer. 4,497,354, 2-5-85, Cl. 145-4.000.

Kummer, Peter; and Rehfeld, Gerhard, to Dynamit Nobel Aktiengesellschaft. Superrefractory dry ramming material based on zirconium oxide for the lining of induction-type crucible furnaces. 4,513,089, 4-23-85, Cl. 501-103.000.

Kummer, Rudolf; Schneider, Heinz-Walter; Taglieber, Volker; and Weiss, Franz-Josef, to BASF Aktiengesellschaft. Purification of carboxylates containing aldehydes, acetals and/or unsaturated compounds. 4,523,027, 6-11-85, Cl. 560-191.000.

Kummer, Rudolf; Richter, Wolfgang; Schwirten, Kurt; and Stops, Peter, to BASF Aktiengesellschaft. Continuous hydroformylation of olefinically unsaturated compounds. 4,533,757, 8-6-85, Cl. 568-454.000.

Kummer, Rudolf: *See—*
  - Platz, Rolf; Kummer, Rudolf; Schneider, Heinz-Walter; and Schwirten, Kurt, 4,550,195, Cl. 560-206.000.
  - Schneider, Heinz-Walter; and Kummer, Rudolf, 4,529,815, Cl. 560-205.000.
  - Schneider, Heinz-Walter; Richter, Wolfgang; Disteldorf, Walter; and Kummer, Rudolf, 4,537,987, Cl. 560-193.000.
  - Schneider, Heinz-Walter; Kummer, Rudolf; and Zimmerling, Dieter, 4,561,942, Cl. 203-96.000.

Kummer, Werner; Koppe, Herbert; Stahle, Helmut; Reichl, Richard; and Kuhn, Franz J., to Boehringer Ingelheim KG. 5-anilino-1,2,3-triazole-4-carboxylic acid compounds. 4,505,912, 3-19-85, Cl. 514-236.000.

Kummerl, Hermann. Conveying system for passing photographic layer-bearing carriers of strip or sheet form through the photo chemical baths of a developing apparatus. 4,544,253, 10-1-85, Cl. 354-321.000.

Kummerlin, Nikolaus A.: *See—*
  - Kummerlin, Walter; and Kummerlin, Nikolaus A., 4,502,564, Cl. 182-161.000.

Kummerlin, Walter; and Kummerlin, Nikolaus A. Stepladder. 4,502,564, 3-5-85, Cl. 182-161.000.

Kumobayashi, Hidenori: *See—*
  - Mitsuhashi, Shigeru; Kumobayashi, Hidenori; and Akutagawa, Susumu, 4,520,212, Cl. 568-875.000.

Kumoi, Sadakatsu; Mitarai, Keiji; and Tsutsumi, Yukihiro, to Toyo Soda Manufacturing Co., Ltd. Method for producing bis[β-(N,N-dimethylamino)alkyl]-ether. 4,492,803, 1-8-85, Cl. 564-486.000.

Kumokawa, Takashi; Tamada, Minoru; Shimamoto, Ichiji; and Uda, Kiyoko, to Murata Manufacturing Co., Ltd. Small-size inductor. 4,498,067, 2-5-85, Cl. 336-65.000.

Kumokawa, Takashi: *See—*
  - Tamada, Minoru; Kumokawa, Takashi; and Shimamoto, Ichiji, 4,553,123, Cl. 336-83.000.

Kump, Donald H.: *See—*
  - Walz, George A.; and Kump, Donald H., 4,510,583, Cl. 364-900.000.

Kump, Howard H.; and Collins, William F., to General Electric Company. X-ray beam filter device. 4,528,685, 7-9-85, Cl. 378-157.000.

Kumpar, Zvonimir Z., to SKF Industrial Trading & Development Company B.V. Homokinetic coupling. 4,549,872, 10-29-85, Cl. 464-141.000.

Kumpe, Gerhardt: *See—*
  - Heimburger, Norbert; Kumpe, Gerhardt; Wormsbacher, Wilfried; and Preis, Hans M., 4,562,072, Cl. 424-101.000.

Kumura, Haruyoshi: *See—*
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,533,340, Cl. 474-28.000.
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,545,265, Cl. 74-868.000.
  - Tanaka, Yoshikazu; Hirano, Hiroyuki; Abo, Keiju; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,526,557, Cl. 474-18.000.
  - Tanaka, Yoshikazu; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,536,171, Cl. 474-28.000.
  - Tanaka, Yoshikazu; Yamamuro, Sigeaki; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; and Morimoto, Yoshiro, 4,557,706, Cl. 474-28.000.
  - Yamamuro, Sigeaki; Kumura, Haruyoshi; Tanaka, Yoshikazu; Abo, Keiju; and Hirano, Hiroyuki, 4,542,665, Cl. 74-866.000.

Kumura, Masao: *See—*
  - Hayakawa, Masao; Maeda, Takamichi; and Kumura, Masao, 4,536,786, Cl. 357-68.000.

Kun, Zoltan K.; and Malmberg, Paul R., to Westinghouse Electric Corp. Thin film electroluminescent line array emitter and printer. 4,535,341, 8-13-85, Cl. 346-107.00R.

Kun, Zoltan K.: *See—*
  - Gaida, Walter E.; and Kun, Zoltan K., 4,540,550, Cl. 422-109.000.

Kuna, Wayne A.: *See—*
  - Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., 4,508,353, Cl. 273-313.000.
  - Zaruba, John V.; Hanson, Steven P.; Luecke, Beth E.; and Kuna, Wayne A., 4,514,175, Cl. 434-82.000.

Kunack, Wilfried: *See—*
  - Neumann, Manfred; Morgner, Henry; Forster, Harry; Jasch, Gunter; Kunack, Wilfried; Godenschweg, Martin; and Unganz, Peter, 4,532,888, Cl. 118-718.000.

Kunde, Klaus; and Stohr, Frank-Michael, to Bayer Aktiengesellschaft. Symmetrical bis-(triazinyamino phenyl azo acetoacetanilide) dyestuffs. 4,517,357, 5-14-85, Cl. 534-605.000.

Kunde, Klaus: *See—*
  - Seidel, Adolf; Artzt, Peter; Egbers, Gerhard; Grimm, Helmut; Kunde, Klaus; and Schenek, Anton, 4,546,622, Cl. 66-9.00B.

Kunde, Wayne C.; and Robitaille, Martial J., to Kunde, Wayne C. Apparatus for cleaning the bead seating profile of a tire rim. 4,527,300, 7-9-85, Cl. 15-21.00C.

Kundrot, Robert A. Deacidification of library materials. 4,522,843, 6-11-85, Cl. 427-27.000.

Kunert, Heinz, to Saint-Gobain Vitrage. Laminated safety glass. 4,551,372, 11-5-85, Cl. 428-38.000.

Kunert, Heinz, to Saint-Gobain Vitrage. Anti-glare glass pane for a vehicle. 4,555,434, 11-26-85, Cl. 428-194.000.

Kunesch, Anthony M.: *See—*
  - Jones, Bryan E.; and Kunesch, Anthony M., 4,512,938, Cl. 261-112.000.

Kung, David, to National Semiconductor Corporation. Bipolar digital peripheral driver transistor circuit. 4,528,463, 7-9-85, Cl. 307-270.000.

Kung, Hsiang-Tsung; and Leiserson, Charles E., to Carnegie-Mellon University. Systolic array apparatuses for matrix computations. 4,493,048, 1-8-85, Cl. 364-754.000.

Kung, Patrick C.; and Goldstein, Gideon, to Ortho Pharmaceutical Corporation. Hybrid cell line for producing complement-fixing monoclonal antibody to human T cells. 4,515,893, 5-7-85, Cl. 435-240.000.

Kung, Patrick C.; and Goldstein, Gideon, to Ortho Pharmaceutical Corporation. Hybrid cell line for producing monoclonal antibody to human T cells. 4,515,894, 5-7-85, Cl. 435-240.000.

Kung, Patrick C.; and Goldstein, Gideon, to Ortho Pharmaceutical Corporation. Hybrid cell line for producing monoclonal antibody to human helper T cells. 4,515,895, 5-7-85, Cl. 435-240.000.

Kung, Susan W.: *See—*
  - Tam, Johann; Ashjaee, Jalal; Kuwaki, Nobuo B.; Ngo, Tuan M.; and Kung, Susan W., 4,507,078, Cl. 432-11.000.

Kung, Walter; and Svarc, Stefan, to Maschinenfabrik Sulzer-Ruti AG. Apparatus for removing severed fabric parts from a weaving machine. 4,549,582, 10-29-85, Cl. 139-430.000.

Kung, Walter: *See—*
  - Bucher, Robert; and Kung, Walter, 4,546,801, Cl. 139-110.000.

Kung, Wei-jen; and Vogelhut, Paul O., to Miles Laboratories, Inc. Polymer catalyst transducers. 4,560,534, 12-24-85, Cl. 422-68.000.

Kuni, Asahiro; Hamada, Toshimitsu; Makihira, Hiroshi; and Yoshimura, Kazushi, to Hitachi, Ltd. Method and apparatus for detecting edge of fine pattern on specimen. 4,556,797, 12-3-85, Cl. 250-492.200.

Kuni, Asahiro: *See—*
  - Kenbo, Yukio; Akiyama, Nobuyuki; Koizumi, Mitsuyoshi; and Kuni, Asahiro, 4,504,045, Cl. 269-21.000.

Kunica, Serge, to Itek Corporation. Two rotary blade camera shutter. 4,536,069, 8-20-85, Cl. 354-265.000.

Kunichika, Kenji: *See—*
  - Nakao, Sho; Kunichika, Kenji; Ohishi, Chikashi; Iwai, Masato; and Iwamoto, Kiyoshi, 4,559,288, Cl. 430-60.000.

Kunicki, Maryan; and Roussel, Michel. Process for desulfurization of gases with molten mineral baths during gasification of carbon products. 4,522,648, 6-11-85, Cl. 75-24.000.

Kunicki, Wojciech; and Jackson, Gilbert S., to OPT Systems. Ozone generator. 4,504,446, 3-12-85, Cl. 422-186.190.

Kunieda, Hirohiko, to Hinomaru Seni Co., Ltd. One-piece garment. 4,535,480, 8-20-85, Cl. 2-079.000.

Kunieda, Hiroshi; Yamamoto, Hiroshi; Nishkawa, Yuji; and Enpuku, Yoshihiko, to Furukawa Electric Co., Ltd., The. Method for supplying cold or hot water. 4,557,897, 12-10-85, Cl. 422-15.000.

Kunieda, Toshiaki: *See—*
  - Sugita, Ryuji; and Kunieda, Toshiaki, 4,547,398, Cl. 427-132.000.

Kunig, Helmut, to S.A. des Ateliers Houget Duesberg Bosson. Needle bar drawing device. 4,503,589, 3-12-85, Cl. 19-129.00R.

Kunig, Helmut, to S.A. des Ateliers Houget Duesberg Bosson. Needle bar drawing device. 4,532,678, 8-6-85, Cl. 19-129.00R.

Kunihiko, Ichikawa; and Kiyoshi, Mishima, to Mitsubishi Light Metal Industries Limited. Process for preparing laminated plate. 4,521,265, 6-4-85, Cl. 156-229.000.

Kunihiro, Takatoshi; and Tsuchiya, Koji, to Idemitsu Kosan Company Limited. Process for the production of refrigerator oil. 4,521,296, 6-4-85, Cl. 208-87.000.

Kunii, Hiroyuki; Sente, Hirohisa; and Hironaka, Kouji, to UBE Industries, Ltd. Elongated non-metallic sheet having a metal embedded therein or attached thereon. 4,553,016, 11-12-85, Cl. 219-121.0LG.

Kunii, Takeshi: *See—*
  - Nakayama, Yasunobu; Sato, Yasuji; and Kunii, Takeshi, 4,511,764, Cl. 179-90.0AN.

Nakayama, Yasunobu; Kunii, Takeshi; and Sato, Yasuji, 4,532,378, Cl. 179-2.0DP.

Kunii, Toshinobu: *See—*
Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.

Kunikyo, Hiroshi: *See—*
Fujimura, Gen; Sotoma, Koichi; Kunikyo, Hiroshi; Hata, Masahito; and Inoue, Hidesuke, 4,534,284, Cl. 99-498.000.

Kunikyo, Tomoo, to Agency of Industrial Science and Technology. Computer network system. 4,504,945, 3-12-85, Cl. 370-88.000.

Kunimasa, Koichi; Futamura, Setsuo; and Okada, Jun, to Hitachi, Ltd. Method and apparatus of packet switching. 4,507,782, 3-26-85, Cl. 371-32.000.

Kunimi, Hitoshi: *See—*
Yoshimoto, Teruko; Kawai, Mikio; and Kunimi, Hitoshi, 4,526,659, Cl. 204-56.00R.

Kunimi, Nobuo; Shimizu, Koichi; and Suzuki, Toshiro, to Hitachi, Ltd. Differential amplifier. 4,538,114, 8-27-85, Cl. 330-253.000.

Kunimoto, Etsuo: *See—*
Tateishi, Mataji; Kunimoto, Etsuo; and Takaishi, Tatsuo, 4,526,151, Cl. 123-468.000.

Kunimoto, Shinichiro: *See—*
Kusumoto, Koshi; Kawaguchi, Toshio; Nakahara, Takeshi; and Kunimoto, Shinichiro, 4,535,102, Cl. 523-116.000.

Kunin, Robert; and Salem, Eli, to Graver Company, The. Method for treating aqueous solutions with weakly acidic cation exchange resins. 4,547,291, 10-15-85, Cl. 210-670.000.

Kunin, Robert; and Salem, Eli, to Graver Company, The. Method for treating aqueous solutions with weakly acidic cation exchange resins. 4,548,717, 10-22-85, Cl. 210-670.000.

Kuninaka, Akira: *See—*
Kodama, Kenjiro; Kuninaka, Akira; and Saneyoshi, Mineo, 4,542,021, Cl. 514-49.000.

Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, to Shinhokoku Steel Corporation; Nitto Boseki Co. Ltd.; and Paramount Glass Mfg., Co., Ltd. Casting alloy resistant to corrosion and wear at elevated temperatures. 4,532,105, 7-30-85, Cl. 420-451.000.

Kunishima, Mamoru; Yabuuchi, Masahiko; Masuda, Minoru; Imazumi, Kikuo; and Hamano, Hiroaki, to Nippon Kayaku Kabushiki Kaisha. Derivative of cephamycin C. 4,495,348, 1-22-85, Cl. 544-021.000.

Kunita, Masao; and Kurihara, Toshio, to Citizen Watch Co., Ltd. Head for impact type of dot line printer. 4,502,382, 3-5-85, Cl. 101-93.040.

Kunita, Masao: *See—*
Kurihara, Toshio; Kunita, Masao; Yasunaga, Makoto; Masuda, Katuya; Moriya, Takashi; and Oosawa, Seiichi, 4,509,421, Cl. 101-93.040.

Kuniya, Joji: *See—*
Endo, Isao; and Kuniya, Joji, 4,559,387, Cl. 525-102.000.

Kuniya, Keiichi: *See—*
Arakawa, Hideo; Kuniya, Keiichi; Chiba, Akio; and Shimizu, Seiki, 4,497,875, Cl. 428-620.000.
Watanabe, Ryuji; Iwashita, Kiyoji; Tomita, Sadami; Kuniya, Keiichi; and Tsuda, Hideaki, 4,547,639, Cl. 200-144.00B.
Watanabe, Ryuji; Ando, Hisashi; Kuniya, Keiichi; and Kurosawa, Yukio, 4,551,596, Cl. 200-144.00B.

Kuniyoshi, Shinji: *See—*
Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, 4,504,726, Cl. 219-121.0LH.

Kuniyoshi, Takashi: *See—*
Takimoto, Hiroyuki; Kuniyoshi, Takashi; and Ushiro, Tatsuzo, 4,492,982, Cl. 358-228.000.

Kuniyoshi, Toru; and Okumoto, Ryoji, to Toyoda Gosei Co., Ltd. Cylinder-head cover gasket. 4,501,432, 2-26-85, Cl. 277-168.000.

Kunkel, Fred: *See—*
Heine, Heinrich; Herzan, Georg; and Kunkel, Fred, 4,522,388, Cl. 271-245.000.
Hummel, Peter; and Kunkel, Fred, 4,513,663, Cl. 101-349.000.
Schroder, Peter; Kunkel, Fred; and Hummel, Peter, 4,534,290, Cl. 101-365.000.

Kunkel, Heinrich: *See—*
Olschewski, Armin; Laszlofalvi, Zoltan; and Kunkel, Heinrich, 4,541,818, Cl. 464-134.000.

Kunkel, Kenneth E.: *See—*
Bruce, Charles W.; Kunkel, Kenneth E.; and Webb, Fred C., 4,506,553, Cl. 73-861.650.

Kunkel, Lorenz V.: *See—*
Palm, John W.; and Kunkel, Lorenz V., 4,526,590, Cl. 55-27.000.

Kunkle, Gerald E.; and Matesa, Joseph M., to PPG Industries, Inc. Ablating liquefaction method. 4,559,071, 12-17-85, Cl. 65-135.000.

Kunkle, Timothy E.: *See—*
Tripp, Dale S.; and Kunkle, Timothy E., 4,557,463, Cl. 251-210.000.

Kunnecke, Manfred, to Didier-Werke AG. Lining brick. 4,543,893, 10-1-85, Cl. 110-338.000.

Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji, to Nippon Soken, Inc. Apparatus for simultaneous measurement of magnetic field components in mutually perpendicular directions. 4,495,467, 1-22-85, Cl. 324-244.000.

Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji, to Nippon Soken, Inc. Heading detecting apparatus. 4,497,034, 1-29-85, Cl. 364-571.000.

Kuno, Akira; and Shinoda, Yoshio, to Nippon Soken, Inc. Speed control method and system for automotive vehicles. 4,501,284, 2-26-85, Cl. 123-352.000.

Kuno, Akira: *See—*
Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, 4,523,386, Cl. 33-357.000.
Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, 4,555,761, Cl. 364-424.000.

Kuno, Hiroaki: *See—*
Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, 4,551,082, Cl. 418-55.000.
Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.
Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, 4,560,330, Cl. 418-55.000.
Tamura, Takahiro; Kuno, Hiroaki; Uchikawa, Naoshi; Murayama, Akira; and Mizuno, Takao, 4,545,747, Cl. 418-55.000.

Kuno, Masao: *See—*
Suzuki, Akihiro; Souda, Keiichi; Kuno, Masao; and Ikuta, Hiroshi, 4,538,191, Cl. 360-88.000.

Kuno, Mitsutoshi: *See—*
Nakagawa, Katsumi; Mochizuki, Noritaka; Komatsu, Toshiyuki; Fukaya, Masaki; and Kuno, Mitsutoshi, 4,558,357, Cl. 358-75.000.

Kuno, Nobuyoshi; and Honda, Kiyokazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Sealed beam type reflective lamp. 4,496,872, 1-29-85, Cl. 313-113.000.

Kuno, Toshitaka; and Ikeda, Toshiaki, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Method of measuring origin of moving section in robot and apparatus therefor. 4,505,049, 3-19-85, Cl. 33-333.000.

Kuno, Toshitaka; Moribe, Hiroshi; and Miyamoto, Shojirou, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Control circuit of pulse width modulation inverter. 4,513,231, 4-23-85, Cl. 318-341.000.

Kuno, Toshitaka; Moribe, Hiroshi; and Kamiya, Atsushi, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Error detecting mechanism for servosystem. 4,524,313, 6-18-85, Cl. 318-563.000.

Kunold, Robert, Jr. Device for cleaning contact lens. 4,559,662, 12-24-85, Cl. 15-104.940.

Kunou, Morishi: *See—*
Itou, Susumu; Abe, Kishirou; and Kunou, Morishi, 4,561,275, Cl. 72-70.000.

Kunsman, Donald R., to Victaulic Company of America. Pipe coupling. 4,561,678, 12-31-85, Cl. 285-39.000.

Kunst, Helmut: *See—*
Muller, Johannes; Kunst, Helmut; and Scondo, Christian, 4,492,604, Cl. 148-15.500.

Kunst, Hermann, to Technomed Elektromed.Apparatebau GmbH; and Ingenieurburo Dipl.-Ing. Hermann Kunst. Apparatus for recording data on a recording carrier. 4,502,062, 2-26-85, Cl. 346-155.000.

Kunstle, Konrad: *See—*
Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, 4,502,919, Cl. 196-14.520.
Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, 4,505,808, Cl. 208-11.00R.
Brunner, Gerd; Hoffmann, Rainer; and Kunstle, Konrad, 4,505,809, Cl. 208-11.00R.

Kuntschik, Lawrence F.; and Dowe, Claudia L., to Texaco Inc. Water base hydraulic fluid. 4,543,199, 9-24-85, Cl. 252-75.000.

Kuntz, Irving: *See—*
Bouboulis, Constantine J.; and Kuntz, Irving, 4,501,868, Cl. 526-208.000.

Kuntz, Paul: *See—*
Thornton, Max C., Jr.; Kuntz, Paul; Meyer, Russell L.; and Rosier, Kenneth M., 4,528,504, Cl. 324-158.00F.

Kuntze, Richard, to Karl Kuntze (GmbH & Co.). Roll tape measure. 4,555,854, 12-3-85, Cl. 33-138.000.

Kuntze, Rudolf, to Siemens Aktiengesellschaft. Method for reducing the redundancy of binary character sequences for matrix printing. 4,554,637, 11-19-85, Cl. 364-518.000.

Kunugi, Katsuo; Suzuki, Togi; Konishi, Tadashi; and Ohwaki, Shinji, to Teijin Limited. Polyester composition. 4,513,114, 4-23-85, Cl. 524-706.000.

Kunugi, Yoshifumi: *See—*
Okamoto, Yoshio; Iwai, Kazumi; Inoue, Hiroshi; Kunugi, Yoshifumi; and Shinozaki, Tadashi, 4,546,795, Cl. 137-624.150.

Kunugita, Kiyohiko: *See—*
Takagi, Hirofumi; Kunugita, Kiyohiko; Sawai, Hideki; and Kariyone, Kazuo, 4,504,471, Cl. 514-18.000.

Kunz, Barbara L.: *See—*
Abbey, Kirk J.; and Kunz, Barbara L., 4,511,446, Cl. 204-181.00C.
Abbey, Kirk J.; Erickson, James R.; and Kunz, Barbara L., 4,512,860, Cl. 204-181.00C.

Kunz, Gary L.: *See—*
Gessel, James M.; Kunz, Gary L.; and Scheidenhelm, E. Louis, 4,520,620, Cl. 56-400.000.
Jones, Dennis J.; and Kunz, Gary L., 4,511,466, Cl. 209-395.000.

Kunz Maschinen- und Apparatebau GmbH: *See—*
Kunz, Wolfgang, 4,551,117, Cl. 464-106.000.

Kunz, Peter, to Mettler Instrumente AG. Weighing apparatus including improved yoke construction. 4,545,448, 10-8-85, Cl. 177-212.000.

Kunz, Peter: *See—*
Heubach, Rainer; Marx, Reinhard; Kunz, Peter; and Hauke, Dieter, 4,536,385, Cl. 423-621.000.

Kunz, Robert A., to Du Pont de Nemours, E. I., and Company. Process for preparing sulfonylureas. 4,546,179, 10-8-85, Cl. 544-206.000.

Kunz, Walter; and Eckhardt, Wolfgang, to Ciba-Geigy Corporation. Azolylmandelic acid derivatives and use thereof for controlling microorganisms. 4,517,194, 5-14-85, Cl. 514-184.000.

Kunz, Walter: *See—*
Eckhardt, Wolfgang; and Kunz, Walter, 4,528,284, Cl. 514-84.000.
Eckhardt, Wolfgang; and Kunz, Walter, 4,533,659, Cl. 514-184.000.
Meyer, Alfred; Kunz, Walter; Maier, Ludwig; and Rempfler, Hermann, 4,497,647, Cl. 71-76.000.

Kunz, Walter E.: *See—*
Caldwell, John T.; Kunz, Walter E.; Cates, Michael R.; and Franks, Larry A., 4,497,768, Cl. 376-153.000.

Kunz, Werner; and Voigt, Walter, to MTU Motoren-und Turbinen-Union Munchen GmbH. Piezoelectric vibration exciter, especially for destructive material testing. 4,491,759, 1-1-85, Cl. 310-328.000.

Kunz, Werner; and Broeckels, Theo, to Kohlensaeurewerk Deutschland GmbH. Impulse welding device for gas shielded arc welding. 4,507,542, 3-26-85, Cl. 219-130.510.

Kunz, Wolfgang, to Kunz Maschinen- und Apparatebau GmbH. Device for transmitting torque to a reel or the like. 4,551,117, 11-5-85, Cl. 464-106.000.

Kunze, Dieter, to Siemens Aktiengesellschaft. Splice carrier for light waveguide cables. 4,500,166, 2-19-85, Cl. 350-96.200.

Kunze, Oswald, to Klockner-Humboldt-Deutz AG. Device for burning cement. 4,511,333, 4-16-85, Cl. 432-106.000.

Kunze, Wolfgang; and Schweckendieck, Bernd, to Bodenseewerk Perkin-Elmer & Co., GmbH. Apparatus for use in thermomechanical analysis. 4,506,547, 3-26-85, Cl. 73-150.00R.

Kunzel, Gert: *See—*
Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, 4,520,173, Cl. 525-403.000.

Kunzler, Jay F.: *See—*
Friends, Gary D.; Melpolder, John B.; Kunzler, Jay F.; and Park, Joon S., 4,495,361, Cl. 556-419.000.

Kunzler, Wilhelm F.; and Coombs, William F., to Bausch & Lomb Incorporated. Rotational molding of contact lenses. 4,555,372, 11-26-85, Cl. 264-2.100.

Kunzmann, Horst: *See—*
Vogt, Peter; and Kunzmann, Horst, 4,547,664, Cl. 250-205.000.

Kunzmann, Otto, to Bielomatik Leuze GmbH & Co. Method and apparatus for aligning a pile of sheets provided with perforations for bindings. 4,537,545, 8-27-85, Cl. 412-7.000.

Kuo, Calven, to Aurora Mechatronics Corporation. Universal control device for restricting dialing and time limiting telephone calls. 4,511,765, 4-16-85, Cl. 179-90.0BD.

Kuo, Chang-Kiang; and Tsaur, Shyh-Chang. Method of making high density dynamic memory cell. 4,536,941, 8-27-85, Cl. 29-571.000.

Kuo, Chang-Kiang, to Texas Instruments Incorporated. Electrically erasable programmable MNOS read only memory. 4,554,643, 11-19-85, Cl. 365-104.000.

Kuo, Chang-Kiang; and Tsaur, Shyh-Chang, to Texas Instruments. High density, electrically erasable, floating gate memory cell. 4,561,004, 12-24-85, Cl. 357-23.500.

Kuo, Chuan-Ming. Cutting torch. 4,509,689, 4-9-85, Cl. 239-407.000.

Kuo, Chuan-Ming. Cutting torch. 4,511,086, 4-16-85, Cl. 239-416.300.

Kuo, Clinton C. K., to Motorola, Inc. Voltage and temperature compensated FET ring oscillator. 4,547,749, 10-15-85, Cl. 331-57.000.

Kuo, Han C.; Foster, Donald L.; Schlaikjer, Carl R.; Gopikanth, Mysore L.; and Dey, Arabinda N., to Duracell Inc. Inorganic non-aqueous cell. 4,513,067, 4-23-85, Cl. 429-101.000.

Kuo, Han C.: *See—*
Gopikanth, Mysore L.; Kuo, Han C.; and Bowden, William L., 4,508,798, Cl. 429-196.000.
Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,508,799, Cl. 429-196.000.
Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,508,800, Cl. 429-196.000.
Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,510,220, Cl. 429-225.000.

Kuo, James C.: *See—*
Garwood, William E.; Kuo, James C.; Jacob, Solomon M.; and Wise, John J., 4,549,396, Cl. 60-39.020.

Kuo, Jeng-Chung: *See—*
Yeung, Edward E.; Steenhoek, Larry E.; Woodruff, Steven D.; and Kuo, Jeng-Chung, 4,498,774, Cl. 356-368.000.

Kuo, Meng S.: *See—*
Chu, Moni; and Kuo, Meng S., 4,522,382, Cl. 270-1.100.

Kuo, Samuel C., to GTE Products Corporation. Groundplane mounted log-periodic antenna. 4,492,964, 1-8-85, Cl. 343-792.500.

Kuo, Samuel C., to GTE Products Corporation. Log-periodic antenna. 4,506,268, 3-19-85, Cl. 343-792.500.

Kuo-Sen Chen, Jason. Soap basket. 4,530,479, 7-23-85, Cl. 248-309.100.

Kuo, Tsung H. Refuse incineration system. 4,516,511, 5-14-85, Cl. 110-346.000.

Kuo, Wei H. CRT updated method and apparatus for identifying integrated circuit pins. 4,514,028, 4-30-85, Cl. 339-113.00R.

Kuonen, Frederick L.: *See—*
Updike, Stanley H.; Michaels, William A.; and Kuonen, Frederick L., 4,538,558, Cl. 123-90.300.

Kupchik, Eugene J.; and Pisano, Michael A., to St. John's University. Triorganotin compounds, antifungal and antibacterial compositions containing same, and method of using same. 4,497,806, 2-5-85, Cl. 514-189.000.

Kupcikevicius, Vytautas, to Union Carbide Corporation. Apparatus for stuffing large meat articles. 4,516,387, 5-14-85, Cl. 53-530.000.

Kupcikevicius, Vytautas, to Union Carbide Corporation. Casing sizing means, method and apparatus. 4,521,938, 6-11-85, Cl. 17-49.000.

Kupcikevicius, Vytautas; and Raudys, Vytas, to Union Carbide Corporation. Method and apparatus for use in automatically and continuously making sausages with flat ends. 4,551,884, 11-12-85, Cl. 17-49.000.

Kupcikevicius, Vytautas: *See—*
Beckman, John H.; Haettinger, George C.; and Kupcikevicius, Vytautas, 4,550,471, Cl. 17-1.00R.

Kupczyk, Werner, to Fredenhagen KG. Floor conveyor system. 4,548,135, 10-22-85, Cl. 104-135.000.

Kuper, Douglas D.: *See—*
Menezes, William A.; and Kuper, Douglas D., 4,532,502, Cl. 340-717.000.

Kuper, Hans-Heinrich: *See—*
Biewald, Heinz; Gronebaum, Theo; and Kuper, Hans-Heinrich, 4,545,845, Cl. 156-544.000.

Kuperman, Gilbert G.; and Bodine, Fred R., to United States of America, Air Force. Stereoscopic video imagery generation. 4,510,525, 4-9-85, Cl. 358-88.000.

Kuperman, Gilbert G.; and Wallquist, Donald L., to United States of America, Air Force. Anaglyphic stereoscopic image apparatus and method. 4,558,359, 12-10-85, Cl. 358-89.000.

Kuperman, Gilbert G.: *See—*
Wallquist, Donald L.; and Kuperman, Gilbert G., 4,494,838, Cl. 351-206.000.

Kupersmit, Julius B. Combination clip and seal construction for shipping containers. 4,531,670, 7-30-85, Cl. 229-45.00R.

Kupersmit, Julius B. Collapsible container for liquids. 4,549,673, 10-29-85, Cl. 220-465.000.

Kupfer, Hans: *See—*
Hiller, Heinz; Supp, Emil; Marschner, Friedemann; Kupfer, Hans; and Weidemann, Lutz, 4,559,207, Cl. 422-197.000.

Kupfer, Karl H., to U.S. Philips Corporation. Narrow-band amplifier, more specifically television intermediate frequency amplifier. 4,525,681, 6-25-85, Cl. 330-286.000.

Kupfer, Manfred: *See—*
Sievers, Erich, 4,557,218, Cl. 118-612.000.

Kupies, Dieter: *See—*
Gartner, Roderich; Cornils, Boy; Bexten, Ludger; and Kupies, Dieter, 4,504,588, Cl. 502-24.000.

Kuplas, Harbey, to Hoover Company, The. Suction cleaner bag. 4,539,026, 9-3-85, Cl. 55-376.000.

Kuppens, Bernardus J.; and Wardenaar, Hendrik C., to U.S. Philips Corporation. Method of and device for feeding electric and/or electronic elements to given positions. 4,494,902, 1-22-85, Cl. 414-223.000.

Kupper, Detlev, to Krupp Polysius AG. Apparatus for the heat treatment of fine-grained material. 4,514,170, 4-30-85, Cl. 432-106.000.

Kupper, Heinz; and Busch, Helmut. Method for manufacturing an insulated fuel injection nozzle device. 4,502,196, 3-5-85, Cl. 29-157.00C.

Kupper, Wilhelm; and Koslowski, Gerhard, to W. Schlafhorst & Co. Creel. 4,498,644, 2-12-85, Cl. 242-131.100.

Kupper, Wilhelm, to W. Schlafhorst & Co. Warp beam winding frame. 4,506,420, 3-26-85, Cl. 28-190.000.

Kupper, Wilhelm, to W. Schlafhorst & Co. Bobbin separating unit. 4,506,572, 3-26-85, Cl. 83-112.000.

Kupper, Wilhelm, to W. Schlafhorst & Co. Cop preparation plant. 4,508,227, 4-2-85, Cl. 209-927.000.

Kupperman, David S.; and Lanham, Ronald N., to United States of America, Energy. Ultrasonic shear wave couplant. 4,559,827, 12-24-85, Cl. 73-644.000.

Kuppers, Dieter: *See—*
Thoone, Martinus L. G.; Khoe, Giok D.; Kuppers, Dieter; and Gustin, Pol A. G. J., 4,495,412, Cl. 250-227.000.

Kuppinger, Gunter, to Maschinenfabrik Muller-Weingarten AG. Apparatus for supporting workpieces in a multistage press. 4,557,134, 12-10-85, Cl. 72-405.000.

Kuppinger, Gunter: *See—*
Feirer, Egon; Amann, Ulrich; and Kuppinger, Gunter, 4,519,309, Cl. 100-229.00R.

Kuptsynov, Vladimir N.: *See—*
Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Churin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.

Kura, Kohei: *See—*
Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.

Kurachi, Hisao; Ito, Takeo; Iwase, Takayuki; and Shiota, Junji, to Brother Kogyo Kabushiki Kaisha. Ribbon driving mechanism for typewriter. 4,533,267, 8-6-85, Cl. 400-214.000.

Kuraflex Co., Ltd.: *See—*
Yoshida, Seiichi; and Takeuchi, Shigekazu, 4,542,060, Cl. 428-287.000.

Kurafuji, Setsuo, to Fujitsu Limited. Static RAM with bit-line-charging transistor. 4,499,559, 2-12-85, Cl. 365-190.000.

Kurafuji, Setsuo, to Fujitsu Limited. Semiconductor device for use in a sense amplifier. 4,539,494, 9-3-85, Cl. 307-530.000.

Kurafuji, Takamasa, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape player. 4,495,534, 1-22-85, Cl. 360-74.100.

Kurafuzi, Takamasa; and Tokura, Kimihide, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape player. 4,495,532, 1-22-85, Cl. 360-71.000.

Kurahashi, Kazuo: *See—*

Takamura, Masayuki; and Kurahashi, Kazuo, 4,494,832, Cl. 351-41.000.

Takamura, Masayuki; and Kurahashi, Kazuo, 4,494,833, Cl. 351-41.000.

Kurahashi, Keizo: *See—*

Takahara, Kazuhiro; Kurahashi, Keizo; Gondo, Hiroyuki; Oki, Kenichi; and Miura, Shoshin, 4,523,189, Cl. 340-781.000.

Yamaguchi, Hisashi; Asano, Toru; Takahara, Kazuhiro; Kurahashi, Keizo; and Andoh, Shizuo, 4,550,310, Cl. 340-365.00C.

Kurahashi, Koichiro, to Mitsubishi Denki Kabushiki Kaisha. Color display apparatus. 4,491,863, 1-1-85, Cl. 358-56.000.

Kurahashi, Koichiro, to Sumitomo Rubber Industries, Inc. Process and apparatus for producing wood heads of golf clubs. 4,504,520, 3-12-85, Cl. 427-44.000.

Kurahashi, Koichiro: *See—*

Nishi, Kazuro; Kurahashi, Koichiro; Hashimoto, Tsutomu; Senoo, Toshihiko; and Yamato, Shinji, 4,540,247, Cl. 350-3.710.

Kurahashi, Masayuki; Kobayashi, Hisao; and Deguchi, Hiroyuki, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Variable-delivery refrigerant compressor. 4,519,750, 5-28-85, Cl. 417-270.000.

Kurahashi, Motofumi: *See—*

Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.

Kurahashi, Muneshige; and Yamamori, Shinji, to Nihon Kohden Corporation. Respiratory gas concentration measuring apparatus. 4,522,204, 6-11-85, Cl. 128-719.000.

Kurahashi, Osamu; Tsuchida, Takayasu; Kawashima, Hiroki; Enei, Hitoshi; and Nakamori, Shigeru, to Ajinomoto Co., Inc. Method for producing L-histidine by fermentation. 4,504,581, 3-12-85, Cl. 435-107.000.

Kurahashi, Osamu; Kamada, Masahiro; and Enei, Hitoshi, to Ajinomoto Co., Inc. Process for producing L-tryptophan by fermentation. 4,560,652, 12-24-85, Cl. 435-108.000.

Kurahashi, Yasuo: *See—*

Ohumi, Takeharu; Kurahashi, Yasuo; Hattori, Kyo; and Sakurai, Kazuhiro, 4,535,815, Cl. 137-625.480.

Kurahayashi, Sadasuke, to Canon Kabushiki Kaisha. Method and an apparatus for image processing. 4,543,611, 9-24-85, Cl. 358-260.000.

Kuraishi, Yoshiaki: *See—*

Makabe, Takayoshi; Kuraishi, Yoshiaki; Nakayama, Kenji; and Kimura, Tadakatsu, 4,498,063, Cl. 333-173.000.

Kurakake, Mitsuo, to Fujitsu Fanuc Limited. Numerical control device. 4,511,982, 4-16-85, Cl. 364-167.000.

Kurakake, Mitsuo, to Fanuc Ltd. Position control apparatus and method. 4,535,277, 8-13-85, Cl. 318-561.000.

Kurakami, Hiroshi: *See—*

Kamegaya, Takeo; Sekigawa, Tadahiko; Kurakami, Hiroshi; and Suzuki, Yoshiro, 4,529,909, Cl. 313-584.000.

Kuramasu, Yukio: *See—*

Yamawaki, Satoshi; Sugihara, Atsushi; Kobayashi, Yasushi; Ishida, Hiroshi; Kuramasu, Yukio; and Gotoh, Ichisei, 4,556,165, Cl. 228-223.000.

Kuramitsu, Hideki: *See—*

Itakura, Gen; Kuramitsu, Hideki; Iguchi, Takashi; Kuroda, Takayuki; and Nagase, Kaneomi, 4,558,020, Cl. 501-137.000.

Kuramochi, Hiroshi: *See—*

Honda, Kazuhiro; and Kuramochi, Hiroshi, 4,533,604, Cl. 428-521.000.

Monma, Masayuki; and Kuramochi, Hiroshi, 4,529,539, Cl. 252-518.000.

Kuramochi, Kazuo: *See—*

Suwa, Kyoichi; Kuramochi, Kazuo; and Nakazawa, Kiwao, 4,531,060, Cl. 250-548.000.

Kuramochi, Kojiro: *See—*

Sumiya, Koji; and Kuramochi, Kojiro, 4,509,391, Cl. 74-869.000.

Kuramochi, Koujiro; and Takahashi, Tokuyuki, to Toyota Jidosha Kabushiki Kaisha. Automatic transmission with overdrive housing including its own accumulator. 4,499,789, 2-19-85, Cl. 74-740.000.

Kuramochi, Koujiro: *See—*

Kubo, Seitoku; Kuramochi, Koujiro; and Arai, Hajime, 4,528,869, Cl. 74-695.000.

Kuramoto, Kenji, to Ebara Corporation. Apparatus for monitoring inside of treating column. 4,500,793, 2-19-85, Cl. 250-574.000.

Kuramoto, Tatsuo: *See—*

Kanto, Noriharu; Hosaka, Yukihiro; Sasaki, Yoshio; Kuramoto, Tatsuo; and Kimura, Masato, 4,555,914, Cl. 62-380.000.

Kurandt, Hans-Friedrich, and Kampner, Karl-Heinz, to Chemische Werke Huels AG. Process for improving the fluidity and conveyability of moist calcium sulfate precipitates. 4,508,574, 4-2-85, Cl. 106-109.000.

Kurandt, Hans-Friedrich, to Chemische Werke Huels AG. Process for preparation of gypsum shapes. 4,540,439, 9-10-85, Cl. 106-109.000.

Kuranishi, Masaaki: *See—*

Aiba, Masahiko; Kuranishi, Masaaki; and Miyake, Hideyuki, 4,555,718, Cl. 346-140.00R.

Kuraoka, Hiroaki; Mizuno, Toshinori; Matsui, Katsumasa; and Ohba, Masahiro, to Nippondenso Co., Ltd. Rotational reference position detection apparatus. 4,553,427, 11-19-85, Cl. 73-117.300.

Kuraoka, Yasuo; and Sakao, Nobuo, to Hoxan Corporation. Method of preserving organ and apparatus for preserving the same. 4,494,385, 1-22-85, Cl. 62-306.000.

Kuraoka, Yasuo, to Hoxan Corporation. Helium gas liquefying apparatus. 4,531,958, 7-30-85, Cl. 62-22.000.

Kuraoka, Yasuo; and Sakao, Nobuo, to Hoxan Corporation. Apparatus for continuously freezing liver piece. 4,539,824, 9-10-85, Cl. 62-380.000.

Kuraray Co., Ltd.: *See—*

Akagi, Takao; Yamaguchi, Shinji; and Kubotsu, Akira, 4,522,873, Cl. 428-283.000.

Bunno, Masayasu; Sugiura, Tsutomu; Tsuji, Masao; Harada, Hidemi; and Ichihara, Yoshihiro, 4,520,102, Cl. 435-61.000.

Genba, Tsuneo; Mizobe, Akio; and Okazaki, Masaki, 4,524,042, Cl. 264-211.000.

Katabe, Kenichi; and Nishimura, Takeo, 4,515,852, Cl. 428-246.000.

Kenji, Kubota; Kouji, Fukunaga; Yasuzo, Kirita; and Hidemune, Naito, 4,492,531, Cl. 417-279.000.

Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, 4,559,034, Cl. 604-52.000.

Kita, Daizo; Nakamura, Tsutomu; and Kawachi, Takeshi, 4,551,256, Cl. 252-8.5LC.

Kitamura, Takanori; Matsumoto, Mitsuo; and Tamura, Masuhiko, 4,500,727, Cl. 560-179.000.

Kogame, Kunio; Tanba, Yoshihiro; and Makimura, Masaru, 4,515,854, Cl. 428-288.000.

Kojima, Hidetaka; Horikawa, Takeshi; and Kagotani, Masahiro, 4,537,997, Cl. 568-454.000.

Matsubara, Yoshiharu; Hirashima, Tsuneaki; and Nishiguchi, Ikuzo, 4,510,025, Cl. 204-78.000.

Matsumoto, Mitsuo; Yoshimura, Noriaki; and Tamura, Masuhiko, 4,510,332, Cl. 568-454.000.

Matsumoto, Mitsuo; Hirai, Koji; Yoshimura, Noriaki; and Okamura, Takayuki, 4,551,518, Cl. 528-80.000.

Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,496,714, Cl. 528-272.000.

Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.

Nakagawa, Junyo; Yamaguchi, Shinji; Hirakawa, Kiyoshi; Tokunaga, Isao; and Ito, Masaaki, 4,514,459, Cl. 428-229.000.

Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.

Ninagawa, Yoichi; Yamada, Osamu; Renge, Tsumoru; Kyo, Sunao; Osaki, Takayoshi; and Kushida, Koichi, 4,511,751, Cl. 585-608.000.

Okano, Yoshihiro; Okamoto, Takehiko; and Ohmory, Akio, 4,547,289, Cl. 210-652.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,499,251, Cl. 526-278.000.

Omura, Ikuo; and Yamauchi, Junichi, 4,515,930, Cl. 526-276.000.

Omura, Ikuo; and Yamauchi, Junichi, 4,525,493, Cl. 523-116.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,537,940, Cl. 526-278.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,539,382, Cl. 526-276.000.

Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.

Shiono, Manzo; Fujita, Yoshiji; and Nishida, Takashi, 4,523,024, Cl. 549-407.000.

Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,491,465, Cl. 71-88.000.

Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,521,242, Cl. 71-94.000.

Tanaka, Taku; Maruyama, Hitoshi; Okaya, Takuji; and Kajitani, Koichi, 4,492,783, Cl. 524-430.000.

Ueeda, Ryuhei; Fujii, Kiyonobu; and Narukawa, Hiroshi, 4,555,439, Cl. 428-221.000.

Ueeda, Ryuhei; Fujii, Kiyonobu; Kubotsu, Akira; Kaneda, Shunji; and Okuno, Kenji, 4,560,715, Cl. 523-443.000.

Yoshimura, Noriaki; and Tamura, Masuhiko, 4,510,331, Cl. 568-450.000.

Kuraray Isoprene Chemical Co. Ltd.: *See—*

Kimura, Toshihiro; Takasaki, Kazuhiro; Harima, Hiroshi; and Yoshioka, Yoshihiro, 4,532,298, Cl. 525-96.000.

Kuraseko, Takao: *See—*

Hayashi, Gentaro; Yamamoto, Kenji; and Kuraseko, Takao, 4,494,390, Cl. 68-23.700.

Kurashiki Boseki Kabushiki Kaisha: *See—*

Arima, Makoto; Tsumura, Takashi; and Ueda, Akihiko, 4,558,643, Cl. 101-158.000.

Kondo, Takashi; Sakai, Chikaaki; and Karakawa, Tadashi, 4,533,359, Cl. 8-128.00R.

Muraki, Ryoji; Numata, Seiiti; and Hayashi, Kanji, 4,545,009, Cl. 364-164.000.

Kurashima, Hideo. Cuff link. 4,528,726, 7-16-85, Cl. 24-41.000.

Kurashima, Hideo: *See—*

Imatani, Tsuneo; Yasumuro, Hisakazu; Watanabe, Michio; Kurashima, Hideo; and Ishibashi, Kazuhisa, 4,536,243, Cl. 156-274.600.

Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.

Watanabe, Michio; Ishibashi, Kazuhisa; Yasumuro, Hisakazu; Kurashima, Hideo; and Imatani, Tsuneo, 4,560,430, Cl. 156-285.000.

Kurata, Hidenori; Inaba, Kazuo; Sugiyama, Tomokazu; and Hirata, Tomio, to Nissan Motor Company, Limited; and Nihon Plast Co., Ltd. Electrically heated steering wheel. 4,547,655, 10-15-85, Cl. 219-204.000.

Kurata, Izumi: *See*—

Ito, Tokuhisa; Ohno, Hideaki; Kurata, Izumi; and Okuyama, Takashi, 4,512,642, Cl. 354-4.000.

Kurata, Keiji: *See*—

Ohsawa, Kenji; Ito, Takao; Ohsawa, Masayuki; and Kurata, Keiji, 4,528,064, Cl. 156-630.000.

Kurata, Masami; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Character and image data reading system. 4,494,152, 1-15-85, Cl. 358-293.000.

Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, to Fuji Xerox Co., Ltd. Copying machine. 4,505,574, 3-19-85, Cl. 355-14.00E.

Kurata, Masami, to Fuji Xerox Co., Ltd. Cut sheet facsimile. 4,506,302, 3-19-85, Cl. 358-285.000.

Kurata, Masami; Inui, Toshiharu; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Two-color copying machine. 4,510,523, 4-9-85, Cl. 358-75.000.

Kurata, Masami, to Fuji Xerox Co., Ltd. Color picture reading system. 4,510,524, 4-9-85, Cl. 358-80.000.

Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, to Fuji Xerox Co., Ltd. Picture image position setting apparatus. 4,518,999, 5-21-85, Cl. 358-285.000.

Kurata, Masami; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Picture information reading apparatus. 4,532,551, 7-30-85, Cl. 358-293.000.

Kurata, Masami, to Fuji Xerox Co., Ltd. Facsimile apparatus. 4,536,802, 8-20-85, Cl. 358-287.000.

Kurata, Masami; and Inui, Toshiharu, to Fuji Xerox Co., Ltd. Thermal head driving system. 4,543,587, 9-24-85, Cl. 346-76.0PH.

Kurata, Masami; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Multifunction copying machine. 4,546,381, 10-8-85, Cl. 358-78.000.

Kurata, Masami, to Fuji Xerox Co., Ltd. Color picture reading system. 4,551,750, 11-5-85, Cl. 358-75.000.

Kurata, Masami; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Picture data processing device. 4,558,374, 12-10-85, Cl. 358-287.000.

Kurata, Masami: *See*—

Inui, Toshiharu; Kurata, Masami; Nakajima, Hisao; and Ohmori, Takashi, 4,499,476, Cl. 346-76.0PH.

Moriguchi, Fujio; and Kurata, Masami, 4,495,507, Cl. 346-76.0PH.

Moriguchi, Fujio; and Kurata, Masami, 4,553,174, Cl. 358-285.000.

Moriguchi, Haruhiko; and Kurata, Masami, 4,520,381, Cl. 357-30.000.

Saitoh, Hiroyuki; and Kurata, Masami, 4,518,987, Cl. 358-75.000.

Saitoh, Hiroyuki; and Kurata, Masami, 4,518,988, Cl. 358-75.000.

Saitoh, Hiroyuki; and Kurata, Masami, 4,554,583, Cl. 358-163.000.

Yamamoto, Tadashi; and Kurata, Masami, 4,553,160, Cl. 358-75.000.

Kurata, Mitsuru: *See*—

Tateoka, Masamichi; Asano, Junichi; Kurata, Mitsuru; and Yokomizo, Yoshikazu, 4,543,491, Cl. 250-578.000.

Kurata, Noboru; Miyazaki, Kunio; and Yamamoto, Kuniyuki, to Honda Giken Kogyo Kabushiki Kaisha. Power transmission casing apparatus in motorized two-wheeled vehicle. 4,494,623, 1-22-85, Cl. 180-230.000.

Kurata, Noboru; Miyazaki, Kunio; and Yamamoto, Kuniyuki, to Honda Giken Kogyo Kabushiki Kaisha. Power transmission casing apparatus in motorized two-wheeled vehicle. 4,498,553, 2-12-85, Cl. 180-230.000.

Kurata, Noboru; and Ito, Toshifumi, to Honda Giken Kogyo Kabushiki Kaisha. Chain tensioner. 4,530,681, 7-23-85, Cl. 474-111.000.

Kurata, Shuhei: *See*—

Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, 4,551,930, Cl. 36-30.00R.

Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, 4,561,140, Cl. 12-146.0BR.

Kurata, Tomoyuki: *See*—

Dan, Takuya; Watanabe, Isao; and Kurata, Tomoyuki, 4,505,462, Cl. 267-140.200.

Kurata, Yoshiharu, to Nakacawa Seisakusho Co., Ltd. Needle structure for tufting machine. 4,556,000, 12-3-85, Cl. 112-222.000.

Kurbikoff, Peter A.; and Bethurum, Gary C., to International Telephone and Telegraph Corporation. Electrical connector with optional grounding element. 4,521,062, 6-4-85, Cl. 339-14.00R.

Kurby, Christopher N.: *See*—

Reynolds, Gary R.; Gaynor, Thomas R.; Olivera, Raul; Ruthenberg, Ross E.; Smith, Jay G.; Kurby, Christopher N.; and Mansfield, Terry K., 4,491,806, Cl. 331-96.000.

Kurdy, George A.: *See*—

Graf, Harlan G.; Janssen, Harry R.; and Kurdy, George A., 4,549,934, Cl. 196-98.000.

Kure, Tokuo: *See*—

Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.

Kureha Chemical Industry Co., Ltd.: *See*—

Hori, Saburo, 4,532,224, Cl. 501-105.000.

Kudo, Yoshihiko, 4,554,140, Cl. 423-243.000.

Schmidt-Ruppin, Karl H., 4,512,972, Cl. 424-89.000.

Kureha Kagaku Kogyo Kabushiki Kaisha: *See*—

Aoki, Katsumichi; Kanda, Yoichi; Satake, Keigo; and Shinkawa, Hiroyasu, 4,492,597, Cl. 71-92.000.

Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.

Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.

Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Doi, Hideaki; Kokubun, Kenichi; Sakagami, Teruo; and Murayama, Naohiro, 4,504,631, Cl. 525-327.300.

Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, 4,506,028, Cl. 502-101.000.

Hori, Saburo, 4,491,482, Cl. 106-308.00B.

Kawai, Yoshio; and Kitagawa, Kiyoshi, 4,515,676, Cl. 204-299.00R.

Kawakami, Yukichika; Shiiki, Zenya; and Iizuka, Yo, 4,537,953, Cl. 528-388.000.

Kawasaki, Takao; Tsuchiya, Tadashi; and Osaka, Yoshiaki, 4,540,702, Cl. 514-369.000.

Kawasaki, Takao; Immaru, Daisaku; Tsuchiya, Tadashi; Yamaguchi, Yukiharu; and Komatsu, Katsumi, 4,558,059, Cl. 514-371.000.

Kidoh, Kunizoh; Wakamori, Hideki; Suzuki, Fujio; and Iwasaki, Takao, 4,501,870, Cl. 526-344.100.

Kidoh, Kunizoh; and Ohta, Mitsuru, 4,546,149, Cl. 525-199.000.

Koshugi, Junichi, 4,493,928, Cl. 536-20.000.

Mizuno, Toshiya; and Murayama, Naohiro, 4,546,158, Cl. 526-255.000.

Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,561, Cl. 514-209.000.

Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,574, Cl. 514-195.000.

Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,540,689, Cl. 514-196.000.

Nagai, Hirosi; and Nishimura, Yasushi, 4,548,959, Cl. 523-115.000.

Nakamura, Ken'ichi; Sakagami, Teruo; Teramoto, Yoshikichi; and Obara, Hiroshi, 4,543,293, Cl. 428-421.000.

Ohsugi, Katsuhisa; Ichida, Junji; and Takahashi, Eisaku, 4,542,154, Cl. 514-475.000.

Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, 4,495,249, Cl. 428-516.000.

Ohya, Masaki; Matsukura, Yoshihiro; and Anzai, Mitsuru, 4,525,414, Cl. 428-213.000.

Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, 4,547,433, Cl. 428-516.000.

Okada, Shingo, 4,492,137, Cl. 83-175.000.

Okada, Shingo; Sawa, Yuji; and Adachi, Kuniomi, 4,553,376, Cl. 53-511.000.

Okada, Yoshio; and Igarashi, Yuriko, 4,562,116, Cl. 428-402.210.

Sakagami, Teruo; Arakawa, Noriyuki; and Kakutani, Haruko, 4,543,294, Cl. 428-422.000.

Sakagami, Teruo; Arakawa, Noriyuki; Teramoto, Yoshikichi; and Nakamura, Kenichi, 4,554,335, Cl. 526-249.000.

Sakurai, Yoshifumi; and Numata, Takuhisa, 4,516,222, Cl. 365-32.000.

Sasaki, Tohru; Endoh, Hiroyuki; and Ohira, Seiichi, 4,521,483, Cl. 428-373.000.

Sawa, Yuji; and Kudo, Yozo, 4,507,039, Cl. 414-152.000.

Sawa, Yuji; Itoh, Toshio; and Adachi, Kuniomi, 4,534,155, Cl. 53-459.000.

Shigeta, Masatomo; Fukuda, Hiroyuki; Saitoh, Kuniyuki; and Kaji, Hisatsugu, 4,522,895, Cl. 429-44.000.

Shigeta, Masatomo; and Fukuda, Hiroyuki, 4,547,418, Cl. 428-167.000.

Shiiki, Zenya; Iizuka, Yo; and Kawakami, Yukichika, 4,495,332, Cl. 524-800.000.

Shiiki, Zenya; Iizuka, Yo; and Kawakami, Yukichika, 4,514,558, Cl. 528-388.000.

Suzuki, Seiichi; and Tomita, Eihachiro, 4,504,773, Cl. 320-1.000.

Takahashi, Masaaki; Hattori, Yuji; and Igarashi, Yuriko, 4,557,755, Cl. 71-100.000.

Terauchi, Takashi; Sato, Koji; and Hoshi, Shoichi, 4,517,397, Cl. 585-428.000.

Wagu, Masakatsu; Hayashi, Shoichiro; Murayama, Naohiro; and Sakagami, Teruo, 4,497,710, Cl. 210-635.000.

Yagitani, Takayuki; Matsui, Hiromasa; Ito, Akira; and Ueno, Toshishige, 4,548,745, Cl. 252-567.000.

Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,737, Cl. 514-167.000.

Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.

Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.

Yoshikumi, Chikao; Fujii, Takayoshi; Saito, Kenichi; Fujii, Masahiko; and Niimura, Koichi, 4,504,487, Cl. 514-492.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru: and Ando, Takao, 4,559,327, Cl. 514-42.000.

Kurek, Paul R.; Engel, Dusan J.; and Fergin, Richard L., to UOP Inc. Solvent extraction of aromatic compounds using alkylsulfoxide solvents. 4,544,796, 10-1-85, Cl. 585-856.000.

Kurelek, John, to Koehring Canada Limited. Method and apparatus for felling trees. 4,491,163, 1-1-85, Cl. 144-336.000.

Kurematsu, Akira: *See—*

Hasuike, Kazuo; Konishi, Kazunori; and Kurematsu, Akira, 4,504,868, Cl. 358-280.000.

Konishi, Kazunori; and Kurematsu, Akira, 4,511,758, Cl. 178-2.00B.

Yato, Fumihiro; Kitayama, Seishi; and Kurematsu, Akira, 4,516,259, Cl. 381-36.000.

Kurematsu, Masayuki; and Koboshi, Shigeharu, to Konishiroku Photo Industry Co., Ltd. Method of processing silver halide color photographic materials. 4,537,856, 8-27-85, Cl. 430-372.000.

Kurematsu, Masayuki; and Koboshi, Shigeharu, to Konishiroku Photo Industry Co., Ltd. Image stabilizer for silver halide photographic material. 4,562,144, 12-31-85, Cl. 430-372.000.

Kurfman, Virgil B., to Dow Chemical Company, The. Duplex metal alloy/polymer compositions. 4,510,208, 4-9-85, Cl. 428-624.000.

Kuri, Takeshi: *See—*

Tanaka, Motomu; Osuka, Masanari; Kuri, Takeshi; and Takakuwa, Sadao, 4,518,764, Cl. 528-271.000.

Kuribayashi, Isao; and Fukuda, Kunio, to Asahi-Dow Limited. Polyphenylene ether compositions. 4,543,391, 9-24-85, Cl. 525-68.000.

Kuribayashi, Masaki: *See—*

Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, 4,533,232, Cl. 355-3.00R.

Kuribayashi, Nobumitu: *See—*

Takenoya, Hideaki; Kuribayashi, Nobumitu; and Shomura, Eiichi, 4,530,296, Cl. 112-229.000.

Kuribayashi, Sadatomo. Rudder arrangement for ships. 4,510,880, 4-16-85, Cl. 114-162.000.

Kurie, John R.; and Stanescu, Mircea S., to BOC Group, Inc., The. Furnace curtains. 4,540,362, 9-10-85, Cl. 432-65.000.

Kurihara, Hideo: *See—*

Hayashi, Osamu; Kurihara, Hideo; and Matsumoto, Yukio, 4,528,340, Cl. 525-379.000.

Kurihara, Kazuaki: *See—*

Kamehara, Nobuo; Kurihara, Kazuaki; and Niwa, Koichi, 4,504,339, Cl. 156-89.000.

Kurihara, Kazuhiko: *See—*

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Tsuyama, Setsuya; Kurihara, Kazuhiko; and Yazawa, Hiroshi, 4,499,639, Cl. 28-282.000.

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Kurihara, Kazuhiko; and Yazawa, Hirosi, 4,525,317, Cl. 264-235.800.

Kurihara, Kiyoshi: *See—*

Shirata, Shigenobu; and Kurihara, Kiyoshi, 4,543,567, Cl. 340-519.000.

Kurihara, Koji: *See—*

Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.

Kurihara, Kozo; Ichikawa, Izuo; Nakane, Hisanori; and Ikegami, Yoshihiko, to Sankyo Company Limited. Process for coating solid pharmaceutical preparations and coated preparations thus obtained. 4,497,847, 2-5-85, Cl. 427-3.000.

Kurihara, Kozo: *See—*

Ikegami, Yoshihiko; Kurihara, Kozo; Ichikawa, Izuo; and Nakane, Hisanori, 4,533,562, Cl. 427-3.000.

Kurihara, Mamoru: *See—*

Muramatsu, Tateo; Kurihara, Mamoru; and Enami, Yasushi, 4,498,810, Cl. 405-115.000.

Kurihara, Masaru; Watanabe, Tetsuo; and Inoue, Tetsuo, to Toray Industries, Inc. Method of making a reverse osmosis semipermeable membrane. 4,557,949, 12-10-85, Cl. 427-244.000.

Kurihara, Masaru: *See—*

Uemura, Tadahiro; and Kurihara, Masaru, 4,559,139, Cl. 210-490.000.

Kurihara, Michio: *See—*

Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, 4,492,638, Cl. 210-728.000.

Kurihara, Nobuo: *See—*

Nishikawa, Mitsuyo; and Kurihara, Nobuo, 4,555,800, Cl. 382-25.000.

Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, 4,528,918, Cl. 110-347.000.

Kurihara, Norimitsu; Suzuki, Toshiyasu; Iwanaga, Takashi; and Hisadomi, Masaru, to Honda Giken Kogyo Kabushiki Kaisha. Mount for an earth magnetism sensor for use in an automotive vehicle. 4,535,547, 8-20-85, Cl. 33-356.000.

Kurihara, Norimitsu; and Imai, Takeshi, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for controlling power window of vehicle. 4,536,687, 8-20-85, Cl. 318-480.000.

Kurihara, Shigeru: *See—*

Ohashi, Hiroyuki; Miyamoto, Shoichi; and Kurihara, Shigeru, 4,530,826, Cl. 423-376.000.

Kurihara, Takashi, to Olympus Optical Co., Ltd. Photographic lens system. 4,521,084, 6-4-85, Cl. 350-432.000.

Kurihara, Takenori; Tojo, Shigeki; and Hirakoso, Yohei, to Takeda Riken Co., Ltd. Swept frequency signal generator. 4,513,256, 4-23-85, Cl. 331-4.000.

Kurihara, Teruo; and Oowa, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotary anode X-ray tube. 4,519,093, 5-21-85, Cl. 378-132.000.

Kurihara, Tetsuro, to Tokyo Shibaura Denki Kabushiki Kaisha. X-ray diagnostic apparatus and method. 4,544,949, 10-1-85, Cl. 358-111.000.

Kurihara, Tetsuro, to Tokyo Shibaura Denki Kabushiki Kaisha. X-ray diagnostic apparatus. 4,562,464, 12-31-85, Cl. 358-111.000.

Kurihara, Toshihiko: *See—*

Hirano, Hiroyuki; Kurihara, Toshihiko; Akiba, Taichi; and Araki, Yositsugu, 4,545,003, Cl. 369-43.000.

Kurihara, Toshio; Kunita, Masao; Yasunaga, Makoto; Masuda, Katuya; Moriya, Takashi; and Oosawa, Seiichi, to Citizen Watch Co., Ltd. Printer head for a dot line printer. 4,509,421, 4-9-85, Cl. 101-93.040.

Kurihara, Toshio: *See—*

Kunita, Masao; and Kurihara, Toshio, 4,502,382, Cl. 101-93.040.

Kurihara, Yasutoshi; Suzuki, Yoshihiro; Ooue, Michio; Hachino, Hiroaki; and Yanagi, Mitsuo, to Hitachi, Ltd. Insulated type semiconductor devices. 4,556,899, 12-3-85, Cl. 357-80.000.

Kurihara, Yukitada: *See—*

Miyanaga, Akiyoshi; and Kurihara, Yukitada. 4,500,431, Cl. 210-656.000.

Kuriki, Tomio; and Manabe, Seiichi, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for the production of a polyester fiber dyeable under normal pressure. 4,508,674, 4-2-85, Cl. 264-234.000.

Kurimoto Iron Works, Ltd.: *See—*

Sakaguchi, Keizo; and Takeuchi, Shigeru, 4,562,030, Cl. 264-173.000.

Kurimoto, Mamoru: *See—*

Yamamoto, Toshiro; Kobayashi, Ryohei; Kurimoto, Mamoru; and Ozone, Toshio, 4,544,406, Cl. 75-123.00N.

Kurioka, Shunichiro: *See—*

Yamazaki, Kaoru; Kurioka, Shunichiro; Sakata, Mitsuya; and Ogawa, Takahiro, 4,524,193, Cl. 526-79.000.

Kurisu, Norio; and Kubo, Keishi, to Ricoh Company, Ltd. Thermosensitive image transfer medium. 4,547,788, 10-15-85, Cl. 346-208.000.

Kurisu, Yoshitaka: *See—*

Hashimoto, Masahide; Kurisu, Yoshitaka; Zuiki, Shigeo; and Sasaki, Yoshio, 4,534,183, Cl. 62-374.000.

Kurita, Akitsugu, to Toshiba Silicone Co., Ltd. Silicone emulsion compositions. 4,502,889, 3-5-85, Cl. 106-287.120.

Kurita, Akitsugu; and Fujimoto, Tetsuo, to Toshiba Silicone Co., Ltd. Curing agent composition for silicone elastomers. 4,559,319, 12-17-85, Cl. 502-156.000.

Kurita, Atsushi, to Toshiba Silicone Co., Ltd. Silicone sealant composition. 4,496,696, 1-29-85, Cl. 525-479.000.

Kurita, Hideo: *See—*

Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita, Hideo; and Aoki, Yoshiaki, 4,504,433, Cl. 264-232.000.

Kurita, Hirohisa, to Kabushiki Kaisha Suwa Seikosha. Electric alarm wristwatch including cylindrical sound tube for transmitting sound. 4,534,661, 8-13-85, Cl. 368-250.000.

Kurita, Hiroyuki, to Olympus Optical Co., Ltd. Objective for an IC mask testing device. 4,521,086, 6-4-85, Cl. 350-464.000.

Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, to Olympus Optical Co., Ltd. Indicating device for indicating data within the visual field of microscope. 4,533,220, 8-6-85, Cl. 350-507.000.

Kurita, Kaora: *See—*

Motoyama, Shimesu; Kurita, Kaora; Sakashita, Shizuka; Takei, Narimichi; and Ohno, Shigeru, 4,556,175, Cl. 241-57.000.

Kurita, Kazuo; and Ishihara, Hideaki, to Toyo Boseki Kabushiki Kaisha. Polyamide fibers having improved properties and their production. 4,496,630, 1-29-85, Cl. 428-364.000.

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Kurita Machinery Manufacturing Company Limited: *See—*

Hamazaki, Haruo; and Masugi, Makinoda, 4,553,558, Cl. 134-181.000.

Kurita, Tetsuya, 4,491,519, Cl. 210-225.000.

Nakamura, Masayuki, 4,558,641, Cl. 100-198.000.

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Senga, Takao; Suzuki, Shigeyoshi; Yamada, Jun; and Kuriu, Sadao, 4,502,677, Cl. 271-104.000.

Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, 4,521,101, Cl. 355-10.000.

Kuriyama, Katsumi; Kondo, Isao; and Misaizu, Iwao, to Dainichi Seika Color & Chemicals Mfg. Co., Ltd.; and Ukima Colour & Chemicals Mfg. Co., Ltd. Process for preparing a porous sheet material. 4,510,186, 4-9-85, Cl. 427-381.000.

Kuriyama, Shizuo; and Saitoh, Mikio, to Eisai Co., Ltd.; and Mitsubishi Chemical Industries Limited. Pharmaceutical composition useful for improvement and/or treatment of mental symptoms caused by organic disorder in brain. 4,507,322, 3-26-85, Cl. 514-648.000.

Kuriyama, Shizuo: *See—*

Hirose, Noriyasu; Kuriyama, Shizuo; Yamatsu, Kiyomi; Kitahara, Akifumi; and Uzuo, Takeshi, 4,514,395, Cl. 514-224.000.

Kuriyama, Yasuhisa; Kajiwara, Syoichiro; and Ozaki, Fumikazu, to Mitsubishi Gas Chemical Company, Inc. Scale inhibitor. 4,561,982, 12-31-85, Cl. 210-698.000.

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Kurkela, Kauko O. A.; and Karjalainen, Arto J., to Farmos Group Ltd. Diuretic imidazole derivatives. 4,517,198, 5-14-85, Cl. 514-400.000.

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- Karjalainen, Arto J.; and Kurkela, Kauko O. A., 4,514,412, Cl. 514-397.000.
- Karjalainen, Arto J.; and Kurkela, Kauko O. A., 4,544,664, Cl. 514-396.000.
- Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., 4,556,677, Cl. 514-651.000.

Kurkov, Victor P., to Chevron Research Company. 3-isoxazolin-5-one fungicides. 4,504,486, 3-12-85, Cl. 514-380.000.

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- Denisevich, Peter, Jr.; Suzuki, Shigeto; Kurkov, Victor P.; and Schroeder, Albert H., 4,502,980, Cl. 252-500.000.
- Schroeder, Albert H.; Denisevich, Peter, Jr.; Suzuki, Shigeto; and Kurkov, Victor P., 4,519,940, Cl. 252-500.000.
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- Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.

Kuroda, Akio: *See—*
- Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.
- Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.

Kuroda, Akira: *See—*
- Shimada, Shigeru; Kuroda, Akira; Tomiuga, Junichi; and Ishikawa, Shinzi, 4,507,430, Cl. 524-839.000.

Kuroda, Hideyuki: *See—*
- Numakami, Hajime; and Kuroda, Hideyuki, 4,527,355, Cl. 49-82.000.

Kuroda, Hiroyuki: *See—*
- Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, 4,554,289, Cl. 514-450.000.

Kuroda, Kazuo, to Pioneer Video Corporation. Dropout compensation circuit. 4,509,078, 4-2-85, Cl. 358-160.000.

Kuroda, Kazuo, to Pioneer Electronic Corporation. Compression/expansion device. 4,535,471, 8-13-85, Cl. 381-2.000.

Kuroda, Koji; and Takeda, Hideichiro, to Dai Nippon Insatsu Kabushiki Kaisha. Heat-sensitive transfer sheets. 4,505,983, 3-19-85, Cl. 428-423.100.

Kuroda, Kouiti: *See—*
- Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.

Kuroda, Kouki: *See—*
- Suzuki, Koji; Kuroda, Kouki; and Nagahira, Jyoji, 4,511,240, Cl. 355-14.00R.

Kuroda, Kunishige, to Hitachi, Ltd. Superconducting wire and method of producing the same. 4,543,449, 9-24-85, Cl. 174-126.00S.

Kuroda, Masato: *See—*
- Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro, 4,499,754, Cl. 73-861.120.

Kuroda, Masayuki: *See—*
- Miki, Yutaka; Kuroda, Masayuki; and Omori, Tetsumi, 4,504,099, Cl. 384-543.000.
- Saito, Eiiji; Aizawa, Shoji; Mitsui, Michio; Miyata, Tomohiko; and Kuroda, Masayuki, 4,508,266, Cl. 239-3.000.

Kuroda, Muthmi; Murata, Moriyasu; Takeda, Tsunesi; and Tamura, Junich, to Kao Corporation. Bleaching detergent composition comprises coated sodium percarbonate particles. 4,526,698, 7-2-85, Cl. 252-99.000.

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Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, to Nippon Oil Co., Ltd. Process for polyolefins production. 4,518,752, 5-21-85, Cl. 526-116.000.

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Kuroda, Nobuyuki: *See—*
- Matsuura, Kazuo; Shikatani, Yutaka; Kamiishi, Hirofumi; Kuroda, Nobuyuki; and Miyoshi, Mituji, 4,537,938, Cl. 526-97.000.

Kuroda Precision Industries Ltd.: *See—*
- Kanebako, Hiromu; and Hisatomi, Yasukiro, 4,514,149, Cl. 417-403.000.
- Tsuchiya, Tatsuo; and Hozumi, Kazuhiro, 4,500,075, Cl. 267-8.00R.

Kuroda Seiko Company Limited: *See—*
- Hozumi, Kazuhiro; and Tamaki, Shigeo, 4,534,381, Cl. 137-625.650.

Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, to Hitachi, Ltd. Expansion valve. 4,500,035, 2-19-85, Cl. 236-92.00B.

Kuroda, Shigeaki: *See—*
- Atsumi, Akira; Oguni, Kensaku; Kuroda, Shigeaki; Senshu, Takao; and Yoshioka, Kazuo, 4,517,811, Cl. 62-197.000.

Kuroda, Shigeharu. Scaffold plank. 4,496,029, 1-29-85, Cl. 182-222.000.

Kuroda, Takao; Horii, Kenju; and Matsumoto, Shigenori, to Matsushita Electric Industrial Co., Ltd. Solid state image sensor exhibiting reduced image smearing effects. 4,498,013, 2-5-85, Cl. 250-578.000.

Kuroda, Takao: *See—*
- Nakashima, Hisao; Umeda, Jun-ichi; Kuroda, Takao; Kajimura, Takashi; and Matsuda, Hiroshi, 4,503,540, Cl. 372-47.000.
- Umeda, Jun-ichi; Nakashima, Hisao; Kajimura, Takashi; and Kuroda, Takao, 4,509,173, Cl. 372-50.000.

Kuroda, Takayuki: *See—*
- Hata, Takuoki; Ohmi, Akira; Ushijima, Tadayoshi; and Kuroda, Takayuki, 4,558,021, Cl. 501-137.000.
- Itakura, Gen; Kuramitsu, Hideki; Iguchi, Takashi; Kuroda, Takayuki; and Nagase, Kaneomi, 4,558,020, Cl. 501-137.000.

Kuroda, Takeshi, to Kowa Shoji, Ltd. Fluid pressure actuator. 4,509,408, 4-9-85, Cl. 92-2.000.

Kuroda, Tokuyuki: *See—*
- Muto, Kenji; Karasawa, Akira; Kuroda, Tokuyuki; and Nakamizo, Nobuhiro, 4,501,748, Cl. 514-318.000.

Kuroda, Toshio: *See—*
- Nozawa, Koohei; Yoshizawa, Toyokichi; and Kuroda, Toshio, 4,537,967, Cl. 546-141.000.

Kuroda, Tsuyoshi: *See—*
- Tahara, Tetsuya; Arita, Masafumi; and Kuroda, Tsuyoshi, 4,546,107, Cl. 514-411.000.

Kuroda, Yasuo: *See—*
- Hayami, Hiroshi; Kuroda, Yasuo; Kikuchi, Makoto; and Koshi, Kenji, 4,530,797, Cl. 260-465.00C.

Kuroda, Yoko: *See—*
- Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.

Kuroda, Yoshio: *See—*
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Kuroha, Kenji: *See—*
- Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.

Kuroha, Toshiaki: *See—*
- Hara, Ryoichi; Kuroha, Toshiaki; and Inagaki, Nobuo, 4,552,576, Cl. 65-2.000.

Kurohara, Kazuaki: *See—*
- Bando, Niro; Kurohara, Kazuaki; Fujima, Yasuo; Ikeda, Fumihiro; Usiro, Kenzo; and Ogasawara, Hiroyuki, 4,509,614, Cl. 180-273.000.

Kuroishi, Nobuhito: *See—*
- Kazuoka, Koji; Suganuma, Testuya; Motooka, Naoki; and Kuroishi, Nobuhito, 4,546,737, Cl. 123-188.00S.

Kuroishi, Tadafumi; and Yasuda, Kazuo, to Hitachi, Ltd. Elimination of ghost component in flow injection analysis method. 4,557,601, 12-10-85, Cl. 356-320.000.

Kuroishi, Tadafumi: *See—*
- Yoshida, Kasumi; Uchiki, Hideo; and Kuroishi, Tadafumi, 4,520,108, Cl. 436-52.000.

Kuroiwa, Akihiko: *See—*
- Nakagawa, Shiro; and Kuroiwa, Akihiko, 4,516,234, Cl. 369-109.000.

Kuroiwa, Hiroshi; Kirisawa, Tadashi; Yamauchi, Teruo; and Oyama, Yoshishige, to Hitachi, Ltd. Engine control apparatus. 4,552,116, 11-12-85, Cl. 123-489.000.

Kuroiwa, Hiroshi: *See—*
- Nishimura, Yutaka; Kuroiwa, Hiroshi; Oyama, Yoshishige; and Teranishi, Takao, 4,558,678, Cl. 123-494.000.

Kuroiwa, Katsumasa: *See—*
- Nagasawa, Takeshi; Kuroiwa, Katsumasa; and Takabayashi, Katsuyuki, 4,520,100, Cl. 435-13.000.

- Kuroiwa, Yoshizo: *See*—
  - Yukishige, Yoshifumi; Toyokuni, Kazuo; and Kuroiwa, Yoshizo, 4,546,840, Cl. 180-169.000.
- Kurokawa, Eiki: *See*—
  - Cutkosky, Mark R.; and Kurokawa, Eiki, 4,545,722, Cl. 414-730.000.
- Kurokawa, Harushige: *See*—
  - Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.
- Kurokawa, Hiroshi; Kurokawa, Sunji; and Saito, Yuichi, to Ricoh Company, Ltd. Transmission interruption signal detection system. 4,562,483, 12-31-85, Cl. 358-257.000.
- Kurokawa, Junzi: *See*—
  - Osaki, Kazuhiko; Hamamoto, Hirofumi; Kurokawa, Junzi; and Akieda, Shigeru, 4,547,946, Cl. 29-412.000.
- Kurokawa, Koji, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for stacking letter mail. 4,509,739, 4-9-85, Cl. 271-176.000.
- Kurokawa, Koshiro: *See*—
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,514,740, Cl. 346-139.00R.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,174, Cl. 346-136.000.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,176, Cl. 346-141.000.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,560,295, Cl. 400-637.100.
- Kurokawa, Masahiro: *See*—
  - Miyamoto, Akira; Sato, Katsuo; Ichikawa, Tetsushi; and Kurokawa, Masahiro, 4,541,958, Cl. 260-404.500.
  - Nishimura, Toshiaki; and Kurokawa, Masahiro, 4,559,408, Cl. 564-2.000.
- Kurokawa, Shigeo: *See*—
  - Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, 4,541,903, Cl. 204-28.000.
- Kurokawa, Sumiaki: *See*—
  - Yasumune, Masaru; Yamada, Junsaku; and Kurokawa, Sumiaki, 4,546,595, Cl. 53-450.000.
- Kurokawa, Sunji: *See*—
  - Kurokawa, Hiroshi; Kurokawa, Sunji; and Saito, Yuichi, 4,562,483, Cl. 358-257.000.
- Kurokawa, Yoshiaki: *See*—
  - Naruse, Kazuo; Yokoi, Koji; and Kurokawa, Yoshiaki, 4,556,783, Cl. 219-388.000.
- Kurokawa, Yoshiki: *See*—
  - Inagaki, Mitsuo; Ito, Seitoku; Takeda, Kenji; and Kurokawa, Yoshiki, 4,557,670, Cl. 417-299.000.
- Kurokawa, Zenkichi: *See*—
  - Nashimoto, Junichi; and Kurokawa, Zenkichi, 4,509,893, Cl. 414-280.000.
- Kuroki, Hironori; Honda, Tsuguo; and Mitsui, Toshihisa, to Kuroki Kogyosho Co., Ltd. Roll for transferring hot metal pieces. 4,532,978, 8-6-85, Cl. 164-448.000.
- Kuroki, Junsuke; Irie, Namio; and Tanaka, Haruto, to Nissan Motor Company, Limited. Automatic vehicle height-adjusting system. 4,518,169, 5-21-85, Cl. 280-6.00R.
- Kuroki, Junsuke: *See*—
  - Ito, Hideo; Kuroki, Junsuke; and Irie, Namio, 4,537,420, Cl. 280-661.000.
- Kuroki, Katsuro: *See*—
  - Ichiyama, Tadashi; Yamaguchi, Shigehiro; Iuchi, Tohru; and Kuroki, Katsuro, 4,552,596, Cl. 148-31.500.
  - Kimoto, Tetsuo; Orita, Kiyoshi; and Kuroki, Katsuro, 4,548,656, Cl. 148-111.000.
- Kuroki, Kazuo, to Fuji Electric Co., Ltd. Variable-frequency oscillation circuit. 4,540,945, 9-10-85, Cl. 328-134.000.
- Kuroki, Kazuo, to Fuji Electric Co., Ltd. Circuit for driving the base of a transistor. 4,551,635, 11-5-85, Cl. 307-254.000.
- Kuroki Kogyosho Co., Ltd.: *See*—
  - Kuroki, Hironori; Honda, Tsuguo; and Mitsui, Toshihisa, 4,532,978, Cl. 164-448.000.
- Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, to Canon Kabushiki Kaisha. System for detecting a signal for aligning two bodies and signal processing method. 4,504,148, 3-12-85, Cl. 356-401.000.
- Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, to Canon Kabushiki Kaisha. Alignment mark detecting apparatus and method. 4,545,684, 10-8-85, Cl. 356-400.000.
- Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, to Canon Kabushiki Kaisha. Device for and method of aligning two bodies. 4,553,845, 11-19-85, Cl. 356-400.000.
- Kuroki, Yoshifumi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Camera system including flash and status indicating control circuit. 4,500,190, 2-19-85, Cl. 354-416.000.
- Kuroki, Yoshifumi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Camera flash photographing control device. 4,502,775, 3-5-85, Cl. 354-416.000.
- Kuroki, Yoshifumi: *See*—
  - Takami, Satoshi; and Kuroki, Yoshifumi, 4,521,094, Cl. 354-423.000.
- Kuromaru, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Anti-short bonding pad structure. 4,539,582, 9-3-85, Cl. 357-71.000.
- Kuromatsu, Akio, to Nicco Machine Tool Company Ltd.; and Ohyo Jiki Laboratory Co., Inc. Grinding wheel and method for electrolytic and mechanical grinding. 4,532,019, 7-30-85, Cl. 204-129.460.
- Kuromoto, Kazunori, to Kabushiki Kaisha Komatsu Seisakusho. Control system for a plurality of hydraulic actuators. 4,492,148, 1-8-85, Cl. 91-523.000.
- Kuromoto, Kazunori, to Kabushiki Kaisha Komatsu Seisakusho. Oil hydraulic circuit for gripping device. 4,502,723, 3-5-85, Cl. 294-88.000.
- Kurono, Hitoshi; Taninaka, Kuniaki; Sugimoto, Tatsuyoshi; and Katoh, Minoru, to Nihon Nohyaku Co., Ltd. Dithiolane derivative, process for producing the same and use thereof. 4,535,075, 8-13-85, Cl. 514-96.000.
- Kurono, Masayasu; Yamaguchi, Takuji; and Usui, Toshinao, to Sanwa Kagaku Kenkyusho Co. Ltd. Process for the preparation of 4-chloro-2-nitrobenzonitrile. 4,528,143, 7-9-85, Cl. 260-465.00G.
- Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, to Kabushiki Kaisha Vitamin Kenkyuso. Polymer-metal complexes containing quaternary nitrogen atoms used in the treatment of hypercholesteremia. 4,528,184, 7-9-85, Cl. 424-79.000.
- Kurono, Masayasu: *See*—
  - Toyoshima, Shigeshi; Kurono, Masayasu; Unno, Ryoichi; and Ito, Koichi, 4,560,679, Cl. 514-63.000.
- Kurosaki, Masanori; and Kawamura, Katsuaki, to Pioneer Electronic Corporation. Radio communications system for detecting the coincidence of decoded information. 4,551,855, 11-5-85, Cl. 455-161.000.
- Kurosaki Refractories Co., Ltd.: *See*—
  - Kaneko, Toshiaki; Takita, Ichiro; and Shikano, Hiroshi, 4,539,301, Cl. 501-99.000.
  - Suzuki, Koichi; Oose, Seiroku; So, Yuzo; and Hirao, Yasutaka, 4,509,104, Cl. 362-32.000.
- Kurosaki, Shiro: *See*—
  - Edahiro, Takao; Inagaki, Nobuo; and Kurosaki, Shiro, 4,528,010, Cl. 65-18.100.
- Kurosaki, Takefumi: *See*—
  - Nakazawa, Yuzo; Ono, Kazuo; Tanaka, Masaki; Morita, Takao; and Kurosaki, Takefumi, 4,542,356, Cl. 333-195.000.
- Kurosaki, Teikichi: *See*—
  - Hamada, Masaaki; Okamaoto, Kaoru; and Kurosaki, Teikichi, 4,555,513, Cl. 514-311.000.
  - Okamoto, Kaoru; Hamada, Masaki; and Kurosaki, Teikichi, 4,545,993, Cl. 514-456.000.
- Kurosaki, Toshiei: *See*—
  - Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, 4,504,726, Cl. 219-121.0LH.
- Kurosawa, Akihito; and Anazawa, Osamu, to Sanden Corporation. Dispensing mechanism for vending machines. 4,542,834, 9-24-85, Cl. 221-116.000.
- Kurosawa, Genzo: *See*—
  - Kuwahata, Toshikatsu; Kawabata, Fumio; and Kurosawa, Genzo, 4,559,584, Cl. 362-86.000.
- Kurosawa, Kei, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing semiconductor device by controlling thickness of insulating film at peripheral portion of element formation region. 4,497,108, 2-5-85, Cl. 29-576.00W.
- Kurosawa, Kei, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of making field oxide regions. 4,504,333, 3-12-85, Cl. 148-187.000.
- Kurosawa, Kei; and Horiguchi, Fumio, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing a semiconductor device. 4,505,025, 3-19-85, Cl. 29-576.00W.
- Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, to Fujitsu Limited. Process for manufacturing hollow multilayer printed wiring board. 4,528,072, 7-9-85, Cl. 204-15.000.
- Kurosawa, Ryoichi, to Tokyo Shibaura Denki Kabushiki Kaisha. System for converting mechanical movement to a digital signal. 4,527,120, 7-2-85, Cl. 324-166.000.
- Kurosawa, Ryoichi, to Kabushiki Kaisha Toshiba. AC power converter with commutation circuit for reducing reactive power. 4,555,752, 11-26-85, Cl. 363-68.000.
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  - Uchino, Hiroshi; Nakajima, Kihei; and Kurosawa, Ryoichi, 4,517,636, Cl. 363-138.000.
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- Kurosawa, Tadashi, to Tensho Electric Industrial Co., Ltd. Foot bath. 4,497,313, 2-5-85, Cl. 128-24.100.
- Kurosawa, Takuzo: *See*—
  - Kanamaru, Hisanobu; Tohkairin, Akira; and Kurosawa, Takuzo, 4,541,315, Cl. 82-40.00R.
- Kurosawa, Toshiaki: *See*—
  - Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.
- Kurosawa, Yukihiro: *See*—
  - Miyabayashi, Yoshiyuki; Koyachi, Hiroshi; and Kurosawa, Yukihiro, 4,530,517, Cl. 280-752.000.

- Kurosawa, Yukio: *See—*
  - Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, 4,546,222, Cl. 200-144.00B.
  - Watanabe, Ryuji; Ando, Hisashi; Kuniya, Keiichi; and Kurosawa, Yukio, 4,551,596, Cl. 200-144.00B.
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  - Mitamura, Sachio; and Kuroume, Hirotsugu, 4,537,538, Cl. 409-217.000.
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  - Cullen, Robert E.; Kurowski, Henry B.; and Sidwell, William S., 4,547,938, Cl. 28-254.000.
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  - Shibata, Akira; Komatsu, Keiichi; Kuroyanagi, Tomomitsu; and Kojima, Noboru, 4,524,380, Cl. 358-316.000.
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  - Terada, Toshimichi; Kuroyanagi, Tomomitsu; Kozima, Noboru; and Shibata, Akira, 4,550,345, Cl. 358-323.000.
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  - Matsuoka, Toshio; Kurozu, Shinichi; and Sugimori, Seiji, 4,547,219, Cl. 75-29.000.
- Kurozumi, Hiroshi: *See—*
  - Hagiwara, Zenzi; Yamamoto, Tatuo; and Kurozumi, Hiroshi, 4,519,813, Cl. 55-26.000.
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  - Alexander, Delores J.; Kurple, Kenneth R.; and Kordomenos, Panagiotis I., 4,524,192, Cl. 525-440.000.
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- Kurt, Ewald H., to Ingersoll-Rand Company. Hydraulic reciprocating device. 4,512,417, 4-23-85, Cl. 173-77.000.
- Kurt H. Volk, Inc.: *See—*
  - Stenner, John W., 4,543,082, Cl. 493-216.000.
- Kurt, Lynn E., to Deere & Company. Method of checking for hydraulic leakage. 4,549,429, 10-29-85, Cl. 73-40.000.
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  - Lenz, John O., 4,496,139, Cl. 269-81.000.
  - Lenz, John O., 4,555,853, Cl. 33-125.00M.
- Kurt Vogelsang GmbH: *See—*
  - Vogelsang, Kurt, 4,522,523, Cl. 401-126.000.
- Kurt Wolf & Co. KG: *See—*
  - Andre, Wolfram K., 4,541,733, Cl. 374-149.000.
  - Wolf, Kurt; and Andre, Wolfram K., 4,535,229, Cl. 219-440.000.
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  - Rodgers, James L.; and Fowler, Billy C., 4,492,819, Cl. 178-18.000.
- Kurten, Hans W.: *See—*
  - Baier, Heinz; Kurten, Hans W.; and Waschulewski, Hans-Georg, 4,515,027, Cl. 74-87.000.
- Kurten, Hans-Werner: *See—*
  - Baier, Heinrich; Waschulewski, Hans-Georg; and Kurten, Hans-Werner, 4,505,356, Cl. 180-322.000.
- Kurth, Charles W.; and Moerchen, John M., to Alton Packaging Corporation. Carton for packaging a semi-solid bulk form. 4,504,497, 3-12-85, Cl. 426-130.000.
- Kurth, Duane G.: *See—*
  - Moore, David J.; Byers, Larry L.; Kurth, Duane G.; Bordsen, Donald T.; Honkomp, John R.; Todd, Bruce C.; and Malek, Robert M., 4,546,430, Cl. 364-200.000.
- Kurth, Gunter: *See—*
  - Walter, Kurt; Gokorsch, Wilfried; Kurth, Gunter; Grusdt, Rainer; and Schreiter, Manfred, 4,543,770, Cl. 53-511.000.
- Kurth, Josef: *See—*
  - Budich, Wolfgang; Gasper, Bertram; Kurth, Josef; Scharf, Karl-Gunter; and Wissinger, Waldemar, 4,514,449, Cl. 428-76.000.
  - Titz, Siegfried; Langel, Matthias; Wissinger, Waldemar; and Kurth, Josef, 4,504,210, Cl. 425-461.000.
- Kurth, Richard R.; and Gabel, Robert A., to Sperry Corporation. Wideband beamformer. 4,544,927, 10-1-85, Cl. 343-373.000.
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  - Price Robert; and Kurth, Richard R., 4,532,639, Cl. 375-96.000.
- Kurtis, Soma: *See—*
  - Wilensky, Joseph, 4,551,979, Cl. 60-648.000.
  - Wilensky, Joseph, 4,553,397, Cl. 60-649.000.
- Kurtti, Gary R., to General Motors Corporation. Belt clamping guide loop. 4,549,770, 10-29-85, Cl. 297-479.000.
- Kurtz, Anthony D.; Nunn, Timothy A.; and Mallon, Joseph R., to Kulite Semiconductor Products, Inc. Dielectrically isolated transducer employing single crystal strain gages. 4,510,671, 4-16-85, Cl. 29-571.000.
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- Kurtz, Bruce E., to Allied Corporation. Process for consecutive competitive gas phase reaction. 4,513,154, 4-23-85, Cl. 570-145.000.
- Kurtz, Bruce E.: *See—*
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- Kurtz, Earl F. Gunpowder substituted composition and method. 4,497,676, 2-5-85, Cl. 149-2.000.
- Kurtz, Hobart L.: *See—*
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- Kurtz, John A.; Cousens, Donald E.; and Dufour, Mark D., to Fairchild Camera & Instrument Corporation. Lead wire bond attempt detection. 4,555,052, 11-26-85, Cl. 228-104.000.
- Kurtz, Leonard D.; and LiCausi, Joseph, to BioResearch Inc. Autotransfusion device with twisted collection bag. 4,500,308, 2-19-85, Cl. 604-4.000.
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- Kurtz, Leonard D., to BioResearch Inc. Glove molding apparatus and method. 4,521,365, 6-4-85, Cl. 264-306.000.
- Kurtz, Mark E. Water sterilization system. 4,535,247, 8-13-85, Cl. 250-436.000.
- Kurtz, Richard F.: *See—*
  - Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.
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- Kurtz, Robert J.; and LiCausi, Joseph, to BioResearch Inc. Orthopedic foot splint with swivel. 4,495,943, 1-29-85, Cl. 128-80.00A.
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- Kurtz, Ronald C., to American Standard Inc. Differential fluid pressure switch. 4,503,301, 3-5-85, Cl. 200-83.00D.
- Kurtz, Rudiger: *See—*
  - Dahl, Hans; Holik, Herbert; Kurtz, Rudiger; and Stotz, Wolf-Gunter, 4,556,454, Cl. 162-358.000.
  - Holik, Herbert; and Kurtz, Rudiger, 4,551,204, Cl. 162-336.000.
- Kurtz, Stuart J.; and Potts, James E., to Union Carbide Corporation. Low level irradiated linear low density ethylene/alpha-olefin copolymers and film extruded therefrom. 4,525,257, 6-25-85, Cl. 204-159.200.
- Kurtz, Thomas D. Press-on type finger pull. 4,548,846, 10-22-85, Cl. 428-40.000.
- Kurtzman, Gary A.: *See—*
  - Hansen, Kenneth A.; and Kurtzman, Gary A., 4,562,405, Cl. 330-51.000.
- Kurumada, Tomoyuki: *See—*
  - Toda, Toshimasa; and Kurumada, Tomoyuki, 4,533,688, Cl. 524-100.000.
- Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, to Kabushiki Kaisha Kobe Seiko Sho. Mold clamping device for injection molding machine. 4,504,208, 3-12-85, Cl. 425-589.000.
- Kurumi, Masateru: *See—*
  - Fujii, Setsuro; Okutome, Toshiyuki; Nakayama, Toyoo; Yaegashi, Takashi; and Kurumi, Masateru, 4,532,255, Cl. 514-466.000.
- Kurushima, Tadanori; Hidaka, Hideo; and Sonoda, Hiroyoshi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Apparatus for removing trash in an open-end spinning frame. 4,505,101, 3-19-85, Cl. 57-301.000.
- Kurusu, Chisato: *See—*
  - Suzuki, Hiroshi; Natsuhara, Masao; and Kurusu, Chisato, 4,542,320, Cl. 315-15.000.
- Kurusu, Toshiro; and Ishii, Hakumi, to Toyota Jidosha Kabushiki Kaisha. Tiltable steering shaft assembly for automotive vehicles. 4,538,477, 9-3-85, Cl. 74-493.000.
- Kurusu, Toshiro: *See—*
  - Sato, Jinichi; Kurusu, Toshiro; Kondo, Naoyoshi; and Tamaki, Makoto, 4,560,571, Cl. 426-594.000.
- Kurusu, Yasuo: *See—*
  - Masuda, Tatsunosuke; Hohki, Tetsuo; and Kurusu, Yasuo, 4,555,180, Cl. 356-445.000.

Kury, John A., to Port-A-Boat, Inc. Combination boat and trailer assembly with integrated retractable trailer wheel structure. 4,515,102, 5-7-85, Cl. 114-344.000.

Kuryla, Alan T.: *See—*
Burdick, Glen A.; Collins, Floyd K.; and Kuryla, Alan T., 4,547,697, Cl. 313-412.000.

Kurylko, George, to MKT Geotechnical Systems. Interchangeable ram diesel pile. 4,497,376, 2-5-85, Cl. 173-1.000.

Kurz, Craven H. Two-piece gnathologic orthodontic positioner. 4,505,672, 3-19-85, Cl. 433-6.000.

Kurz, Craven H. Plastic shield for orthodontic appliance. 4,512,740, 4-23-85, Cl. 433-22.000.

Kurz, Craven H. Orthodontic tool. 4,514,171, 4-30-85, Cl. 433-4.000.

Kurz, Edmund: *See—*
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Kurz, Gerhard. Device for automatically controlling the suction power of a vacuum cleaner. 4,514,874, 5-7-85, Cl. 15-319.000.

Kurz, Gerhard. Pressure-sensitive electrical switch. 4,535,209, 8-13-85, Cl. 200-83.00R.

Kurz, John L.: *See—*
Harshbarger, Harry F.; Kurz, John L.; and Young, Patrick J., 4,534,192, Cl. 70-118.000.

Kurz, Josef; and Stinglwagner, Andrea, to Kurz Kunststoffe GmbH. Roll holder, particularly for a rolled flat product. 4,556,160, 12-3-85, Cl. 225-67.000.

Kurz Kunststoffe GmbH: *See—*
Kurz, Josef; and Stinglwagner, Andrea, 4,556,160, Cl. 225-67.000.

Kurz, Wolf-Dieter; Hanke, Hans; and Braatz, Andreas, to Daimler-Benz Aktiengesellschaft. Mode of control of the heating capacity of a hydrodynamic brake. 4,538,553, 9-3-85, Cl. 123-41.130.

Kurzinski, Cass R., to AMB Technology, Inc. Spray cooling system for continuous steel casting machine. 4,494,594, 1-22-85, Cl. 164-443.000.

Kusaka, Iwao, to Babcock-Hitachi Kabushiki Kaisha. Heat recovery steam generator. 4,501,233, 2-26-85, Cl. 122-406.00S.

Kusaka, Masataka: *See—*
Yamanaka, Junichi; and Kusaka, Masataka, 4,540,918, Cl. 315-371.000.

Kusaka, Yosuke; and Fukuhara, Toru, to Nippon Kogaku K.K. Image plane deviation amount detecting device. 4,500,778, 2-19-85, Cl. 250-204.000.

Kusakabe, Haruhiko: *See—*
Tatematsu, Hiroyuki; Kusakabe, Haruhiko; Takaki, Masamitsu; Kojima, Gendai; and Miyamoto, Sigeru, 4,531,555, Cl. 139-429.000.

Kusakabe, Hiromi; and Ogawa, Atsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Amplitude modulation detector. 4,492,926, 1-8-85, Cl. 329-205.00R.

Kusakabe, Hiromi, to Tokyo Shibaura Denki Kabushiki Kaisha. Differential amplifier circuit. 4,529,946, 7-16-85, Cl. 330-257.000.

Kusakabe, Hiroyoshi; Ishiko, Hideo; Okumura, Takeshi; Izumi, Masashi; and Furukawa, Masahiro, to Sanyo Electric Co., Ltd.; and Tokyo Sanyo Electric Co., Ltd. Absorption heat pump system. 4,505,123, 3-19-85, Cl. 62-148.000.

Kusakabe, Tomio: *See—*
Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.
Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.

Kusakawa, Norihisa: *See—*
Tayama, Suehiro; and Kusakawa, Norihisa, 4,533,689, Cl. 524-130.000.

Kusakawa, Yukio; Nakamura, Toshiaki; Ina, Yoshifumi; and Inbe, Takashi, to Nippondenso Co., Ltd. Motor driven fuel pump. 4,508,492, 4-2-85, Cl. 417-366.000.

Kusakawa, Yukio, to Nippondenso Co., Ltd. Motor driven fuel pump. 4,538,968, 9-3-85, Cl. 417-368.000.

Kusama, Takeo; and Kiyonaga, Hisasi, to Hitachi, Ltd. Remote return loop control in a data transmission system. 4,529,979, 7-16-85, Cl. 340-825.050.

Kusanagi, Tadashi: *See—*
Yoshino, Souichi; Kusanagi, Tadashi; and Mori, Masakazu, 4,546,409, Cl. 361-387.000.

Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, to Hitachi, Ltd. Photoelectric conversion apparatus. 4,556,817, 12-3-85, Cl. 313-371.000.

Kusano, Kazuya: *See—*
Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.

Kusano, Shoji: *See—*
Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.

Kusashio, Akira: *See—*
Yamane, Masataka; Kusashio, Akira; Kudaka, Satoru; Kobayashi, Tatuhiro; and Ebata, Yasuhiko, 4,505,129, Cl. 62-280.000.

Kusayanagi, Sampo: *See—*
Matsunaga, Atsushi; Kusayanagi, Sampo; Takano, Masamitu; and Kato, Yutaka, 4,542,246, Cl. 585-6.600.

Kusazaki, Yoshimasa, to Olympus Optical Company Limited. Semiconductor device and technique which employs normally unused interconnection elements as resistor circuit elements. 4,549,131, 10-22-85, Cl. 323-354.000.

Kusch, Richard J. Neck exerciser. 4,537,393, 8-27-85, Cl. 272-94.000.

Kuse, Kazuki: *See—*
Yoshida, Hiroshi; Akashi, Shunji; and Kuse, Kazuki, 4,516,304, Cl. 29-408.000.

Kuse, Kazuma: *See—*
Matsuno, Kenji; and Kuse, Kazuma, 4,559,431, Cl. 219-64.000.

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Kuse, Takashi: *See—*
Nakamura, Masaru; and Kuse, Takashi, 4,535,681, Cl. 91-527.000.

Kusel Equipment Company: *See—*
Smith, Gary R., 4,493,250, Cl. 99-456.000.

Kusel, Siegfried: *See—*
Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nohs, Dieter, 4,505,374, Cl. 198-448.000.

Kusenberger, Felix N.; Lozano, Albert S.; and Tarver, Wilson B., Jr., to United States of America, Transportation. Magnetic inspection of reinforcing steel using sensor array. 4,531,091, 7-23-85, Cl. 324-242.000.

Kusenberger, Felix N.: *See—*
Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, 4,503,393, Cl. 324-235.000.

Kush, Stephen T.; and Meffe, Marc E., to Sperry Corporation. Fiber optic vibration modal sensor. 4,525,626, 6-25-85, Cl. 250-227.000.

Kushi, Kenji: *See—*
Kishida, Kazuo; Sasaki, Isao; Kushi, Kenji; and Sugimori, Masahiro, 4,518,472, Cl. 204-159.150.

Kushibiki, Junichi: *See—*
Chubachi, Noriyoshi; and Kushibiki, Junichi, 4,541,281, Cl. 73-606.000.

Kushibiki, Keizou: *See—*
Matsuzaki, Yoshitomi; Hayashi, Toshihiko; and Kushibiki, Keizou, 4,537,159, Cl. 123-41.270.

Kushida, Hachiro: *See—*
Murata, Toshio; Kushida, Hachiro; and Irie, Kenji, 4,507,184, Cl. 204-129.350.

Kushida, Hideo; Takahashi, Sumio; and Koshio, Shuichi, to Yoshino Kogyosho Co. Ltd. Bottle-shaped container. 4,501,781, 2-26-85, Cl. 428-35.000.

Kushida, Hideo: *See—*
Kinoshita, Harumi; Kushida, Hideo; Itakura, Takeshi; Akutsu, Masao; Takada, Takuzo; and Sugiura, Hiroaki, 4,496,517, Cl. 264-521.000.

Kushida, Koichi: *See—*
Ninagawa, Yoichi; Yamada, Osamu; Renge, Tsumoru; Kyo, Sunao; Osaki, Takayoshi; and Kushida, Koichi, 4,511,751, Cl. 585-608.000.

Kushigian, Anthony. Grinding wheel profiler. 4,559,919, 12-24-85, Cl. 125-11.00R.

Kushima, Keiichi: *See—*
Takano, Motoharu; and Kushima, Keiichi, 4,499,056, Cl. 422-299.000.
Takano, Motoharu; Sugimura, Masaru; Kushima, Keiichi; and Ezaki, Atae, 4,547,343, Cl. 422-304.000.

Kushima, Tadao; Gooda, Masahiro; Soga, Tasao; and Yamamoto, Toshitaka, to Hitachi, Ltd. Method of forming a number of solder layers on a semiconductor wafer. 4,503,597, 3-12-85, Cl. 29-569.00R.

Kushinsky, Ivan V.: *See—*
Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., 4,533,243, Cl. 356-44.000.

Kushmaul, Richard T.; Lafevers, James O.; and Webb, James E., to Docutel Corporation. Dispenser picker apparatus. 4,494,743, 1-22-85, Cl. 271-11.000.

Kushner, Arnold: *See—*
Conn, Shepard; and Kushner, Arnold, 4,553,965, Cl. 604-286.000.

Kushnick, Julian H., to Allied Corporation. Amorphous press formed sections. 4,529,457, 7-16-85, Cl. 148-403.000.

Kushnick, Julian H.; Sawhney, Dulari L.; and Hathaway, Robert E., to Allied Corporation. Compacted amorphous ribbon. 4,529,458, 7-16-85, Cl. 148-403.000.

Kusisto, Ike W. Vehicle air conditioner ground wheel driven. 4,555,911, 12-3-85, Cl. 62-241.000.

Kusmenskji, Karl-Heinz; and Beck, Harald, to Mettler-Waagen GmbH. Weighing cell. 4,553,618, 11-19-85, Cl. 177-185.000.

Kusmierz, Hans, to Siemens Aktiengesellschaft. Connecting device for releasably securing an axle on a support plate. 4,519,723, 5-28-85, Cl. 403-33.000.

Kusmierz, Marvin A.; and Pijaszek, Robert F., to Ultra Carbon Corporation. Susceptor assembly. 4,496,828, 1-29-85, Cl. 219-405.000.

Kusner, Ronald R.: *See—*
Comey, David M.; and Kusner, Ronald R., 4,541,730, Cl. 374-43.000.

Kussmaul, Karl-Wilhelm: *See—*
Keilmann, Fritz; and Kussmaul, Karl-Wilhelm, 4,561,721, Cl. 350-162.170.

Kussmaul, Ulrich: *See—*
Becherer, Johannes; Kuhlein, Klaus; and Kussmaul, Ulrich, 4,517,370, Cl. 548-217.000.

Kussy, Frank W. Current limiting circuit breaker mechanism. 4,551,697, 11-5-85, Cl. 335-16.000.

- Kussy, Frank W.: *See—*
  - McClellan, David P.; and Kussy, Frank W., 4,513,267, Cl. 335-16.000.
- Kust, Cyril; and Bhalla, Prithvi, to American Cyanamid Company. Plant growth regulating compositions. 4,509,973, 4-9-85, Cl. 71-92.000.
- Kuster & Co. GmbH: *See—*
  - Kuster, Klaus, 4,515,035, Cl. 74-501.00R.
- Kuster, Erich: *See—*
  - Goossens, Bernhard; Kuster, Erich; Dahmen, Kurt; and Barthell, Eduard, 4,528,350, Cl. 526-307.000.
- Kuster, Hans-Werner: *See—*
  - Kramer, Carl; and Kuster, Hans-Werner, 4,533,571, Cl. 427-180.000.
- Kuster, Karl H., to GTE Automatic Electric Laboratories Incorporated. Single transistor forward converter with lossless magnetic core reset and snubber network. 4,561,046, 12-24-85, Cl. 363-21.000.
- Kuster, Kaspar, to Ciba-Geigy Corporation. Apparatus for conveying flat goods one side of which bears a liquid layer. 4,505,375, 3-19-85, Cl. 198-482.000.
- Kuster, Kaspar: *See—*
  - Bossard, Alfred E.; and Kuster, Kaspar, 4,559,896, Cl. 118-300.000.
- Kuster, Klaus, to Kuster & Co. GmbH. Curved cable support member for bowden lifters. 4,515,035, 5-7-85, Cl. 74-501.00R.
- Kusters, Eduard: *See—*
  - Ahrweiler, Karl-Heinz; Anstotz, Helmut; and Hartmann, Werner, 4,534,829, Cl. 162-361.000.
  - Appenzeller, Valentin; and Kusters, Eduard, 4,506,421, Cl. 29-116.0AD.
  - Keller, Walter; Kutz, Johannes; and Severens, Gerhard, 4,503,802, Cl. 118-249.000.
  - Kutz, Johannes; Itgenhorst, Dieter; and Kohnen, Julius, 4,506,526, Cl. 68-15.000.
  - Wilms, Friedrich, 4,503,642, Cl. 51-139.000.
- Kustes, William A.; and Hausberger, Arthur L., to United Catalysts, Inc. Catalyst for the methanation of carbon monoxide in sour gas. 4,540,681, 9-10-85, Cl. 502-234.000.
- Kustka, D. Lucinda. Unity candle. 4,555,231, 11-26-85, Cl. 431-288.000.
- Kustu, Sydney G.: *See—*
  - Ames, Giovanna F.; and Kustu, Sydney G., 4,497,730, Cl. 260-112.00R.
- Kusuda, Mikio: *See—*
  - Ohshima, Shohzo; Kusuda, Mikio; and Isoya, Toshiro, 4,510,034, Cl. 204-290.00F.
- Kusuda, Takao: *See—*
  - Mihara, Toshihiro; Kusuda, Takao; Noma, Koichi; and Taki, Hiromitsu, 4,504,218, Cl. 431-326.000.
- Kusuhara, Masakazu: *See—*
  - Yamawaki, Takesi, deceased; Kusuhara, Masakazu; and Saitou, Tatuya, 4,536,025, Cl. 296-37.160.
- Kusuhara, Yui: *See—*
  - Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.
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- Kusuki, Yoshihiro: *See—*
  - Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,512,893, Cl. 210-500.200.
  - Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,528,004, Cl. 55-158.000.
- Kusumi, Katsuaki: *See—*
  - Imazeki, Ryoji; and Kusumi, Katsuaki, 4,494,206, Cl. 364-474.000.
- Kusumoto, Hiroshi: *See—*
  - Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.
- Kusumoto, Katsunori: *See—*
  - Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.
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- Kusumoto, Koshi; Kawaguchi, Toshio; Nakahara, Takeshi; and Kunimoto, Shinichiro, to Tokuyama Soda Kabushiki Kaisha. Adhesive coating material. 4,535,102, 8-13-85, Cl. 523-116.000.
- Kusumoto, Yasuo: *See—*
  - Ishikawa, Takehiro; Yamazawa, Akira; and Kusumoto, Yasuo, 4,551,031, Cl. 374-117.000.
- Kusunoki, Shigeru: *See—*
  - Nobue, Tomotaka; and Kusunoki, Shigeru, 4,503,306, Cl. 219-10.55F.
- Kusunoki, Toshihiro: *See—*
  - Isozumi, Shoji; and Kusunoki, Toshihiro, 4,498,937, Cl. 148-171.000.
- Kusz, Maximillian, to Owens-Illinois, Inc. Tamper indicating child-resistant package. 4,524,876, 6-25-85, Cl. 215-224.000.
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  - Torras, Robert M., 4,515,337, Cl. 248-371.000.
  - Torras, Robert M., 4,515,392, Cl. 280-755.000.
- Kutami, Michinori: *See—*
  - Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, 4,528,575, Cl. 346-140.00R.
- Kutcher, Howard R., to Aluminum Company of America. Container assembly including a tamper-indicating band. 4,540,101, 9-10-85, Cl. 215-252.000.
- Kuth, Robert: *See—*
  - Bornatsch, Wolfgang; Kuth, Robert; and Perrey, Hermann, 4,502,863, Cl. 8-524.000.
  - Harms, Wolfgang; Kuth, Robert; and Wunderlich, Klaus, 4,503,224, Cl. 544-187.000.
  - Heise, Klaus-Peter; Kuth, Robert; Neufang, Karl; Pantke, Hellmuth; and Wedemeyer, Karlfried, 4,544,372, Cl. 8-602.000.
- Kutnyak, Thomas A.; Dunn, George T.; and Guiles, Chester L., to Automation Industries, Inc. Reinforced formed hose. 4,518,018, 5-21-85, Cl. 138-130.000.
- Kutnyak, Thomas A.; and Tolbert, Thomas W., to Automation Industries, Inc. Self-locking electrical and mechanical connecting means and method of making same. 4,547,029, 10-15-85, Cl. 339-16.00R.
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- Kutrieb, Wolfgang A. Tire pyrolizing. 4,507,174, 3-26-85, Cl. 202-97.000.
- Kutsch, Harold G.; and Ehrlich, Earl A., to Klauer Manufacturing Company. Roofline ventilators. 4,545,291, 10-8-85, Cl. 98-42.210.
- Kutscher, Fritz; and Zschocke, Christian, to Bauakademie der Deutschen Demokratischen Republik. Fluid-cushion supporting arrangement for horizontal conveyance. 4,538,699, 9-3-85, Cl. 180-125.000.
- Kutsevich, Valery L.: *See—*
  - Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.
- Kutsukake, Masaki; Yamauchi, Mineo; and Akada, Masanori, to Dai Nippon Insatsu Kabushiki Kaisha. Heat transfer sheet. 4,559,273, 12-17-85, Cl. 428-484.000.
- Kutsuki, Tetsuo: *See—*
  - Isobe, Mitsuo; Kutsuki, Tetsuo; Yamaguchi, Namio; and Tanaka, Toshihide, 4,524,389, Cl. 358-188.000.
- Kutsuna, Tomoharu; Ohtani, Shinzi; and Kondo, Kunimasa, to Taiho Kogyo Co., Ltd.; and Yugenkaisha Hakusui Sangyo. Method for impregnating a die-cast article with a sealant and an impregnation apparatus therefor. 4,520,045, 5-28-85, Cl. 427-294.000.
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- Kutsykovich, Dorina B.: *See—*
  - Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.
- Kuttner, Thomas: *See—*
  - Buck, Rainer; Kuttner, Thomas; Piwonka, Fridolin; and Wessel, Wolf, 4,516,550, Cl. 123-357.000.
  - Buck, Rainer; Engel, Gerhard; Kuttner, Thomas; Sautter, Wilfried; and Wessel, Wolf, 4,538,571, Cl. 123-357.000.
- Kutyanin, Leonid I.: *See—*
  - Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.
- Kutz, Daniel F.: *See—*
  - Kirst, John A.; and Kutz, Daniel F., 4,520,503, Cl. 381-56.000.
- Kutz, Heinrich; Ostlinning, Gunter; and Jung, Gerd, to SMS Schloemann-Siemag Aktiengesellschaft. Tightening device for the gripping jaws of a plate stretcher. 4,492,105, 1-8-85, Cl. 72-302.000.
- Kutz, Heinrich; Grube, Dietrich; Eggert, Georg; and Stein, Rolf, to SMS Schloemann-Siemag Aktiengesellschaft. Gripping head of an hydraulic sheet stretcher. 4,497,193, 2-5-85, Cl. 72-302.000.
- Kutz, Johannes; Itgenhorst, Dieter; and Kohnen, Julius, to Kusters, Eduard. Apparatus for treating webs of material. 4,506,526, 3-26-85, Cl. 68-15.000.
- Kutz, Johannes: *See—*
  - Keller, Walter; Kutz, Johannes; and Severens, Gerhard, 4,503,802, Cl. 118-249.000.
- Kutzner, Reinhard: *See—*
  - Heinz, Richard; and Kutzner, Reinhard, 4,525,840, Cl. 371-47.000.
- Kutzner, Willi A. P.; Schneider, Georg; and Kubert, Thomas, to Koenig & Bauer Aktiengesellschaft. Ink divider for ink fountain rollers. 4,559,871, 12-24-85, Cl. 101-207.000.
- Kuu, Wei-Youh, to Research Corporation. Immobilized biocatalysts. 4,518,693, 5-21-85, Cl. 435-178.000.
- Kuur, Vyacheslav P.: *See—*
  - Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav P.; and Toguzov, Mels Z., 4,521,245, Cl. 75-21.000.
- Kuus, Felix: *See—*
  - Barron, Charles D.; and Kuus, Felix, 4,524,834, Cl. 166-385.000.
- Kuusikko, Matti J.; and Rantala, Olavi K., to Outokumpu Oy. Apparatus for conveying a solid or liquid material, especially for charging a shaft furnace. 4,501,526, 2-26-85, Cl. 414-173.000.

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Kuwabara, Hirofumi: *See—*
Tsuchiya, Masahiko; and Kuwabara, Hirofumi, 4,546,253, Cl. 250-288.000.

Kuwabara, Kanji: *See—*
Noguchi, Tetsuo; and Kuwabara, Kanji, 4,508,039, Cl. 110-258.000.

Kuwabara, Kenichi: *See—*
Ikeda, Tadashi; Kuwabara, Kenichi; Yamamuro, Kiyohiko; and Kokubo, Tadayoshi, 4,551,424, Cl. 430-588.000.

Kuwabara, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Sasaki, Kouji, to Hitachi, Ltd. Gas laser. 4,500,998, 2-19-85, Cl. 372-61.000.

Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, to Hitachi, Ltd. Gas laser device with plural electrode members on the upper gas flow side. 4,541,097, 9-10-85, Cl. 372-87.000.

Kuwabara, Kunikazu: *See—*
Ebihara, Shigeto; Ohta, Atsuo; and Kuwabara, Kunikazu, 4,536,750, Cl. 340-539.000.

Kuwabara, Masami: *See—*
Katsube, Kazuaki; and Kuwabara, Masami, 4,530,557, Cl. 339-75.00M.

Kuwabara, Shigeyuki, to Hitachi, Ltd. Disk storage controller. 4,525,801, 6-25-85, Cl. 364-900.000.

Kuwabara, Toshihiko: *See—*
Masuda, Makoto; Iwasita, Hiroshi; and Kuwabara, Toshihiko, 4,557,654, Cl. 411-431.000.

Kuwabara, Toshihiro: *See—*
Yoden, Yoshimasa; Okuda, Tsuneo; Fuchigami, Eiji; and Kuwabara, Toshihiro, 4,533,358, Cl. 8-94.200.

Kuwabara, Yoshiharu; Hamada, Hiroyoshi; and Kuwata, Masayuki, to Mitutoyo Mfg. Co., Ltd. Optical measuring device with position indicator. 4,521,112, 6-4-85, Cl. 356-375.000.

Kuwabara, Yoshiharu; Takayama, Yasuharu; and Hamada, Hiroyoshi, to Mitutoyo Mfg. Co., Ltd. Optical measuring device. 4,521,113, 6-4-85, Cl. 356-387.000.

Kuwada, Yukio: *See—*
Mochizuki, Keizo; Kuwada, Yukio; and Mizoguchi, Yoshihiko, 4,499,113, Cl. 426-291.000.

Kuwahara, Heikichi: *See—*
Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.

Kuwahara, Hidehiko: *See—*
Tsutsui, Osamu; Murakami, Shusaku; Kuwahara, Hidehiko; and Yasunaga, Shigefumi, 4,501,261, Cl. 126-351.000.

Kuwahara, Hiroshi: *See—*
Amada, Eiichi; Kuwahara, Hiroshi; Shirasu, Hirotoshi; Suzuki, Taihei; and Morita, Takashi, 4,543,652, Cl. 370-66.000.

Kuwahara, Hisao, to Tokyo Shibaura Denki Kabushiki Kaisha. Constant current source circuit. 4,498,041, 2-5-85, Cl. 323-316.000.

Kuwahara, Kazuyoshi: *See—*
Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, 4,521,750, Cl. 333-28.00R.

Kuwahara, Rikiya; Habuto, Akinaka; and Oiso, Hisayoshi, to Meiji Seika Kaisha Ltd. Process for producing chewing gum in the form of composite fibers. 4,496,592, 1-29-85, Cl. 426-5.000.

Kuwahara, Takanori: *See—*
Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, 4,521,631, Cl. 568-478.000.

Kuwahata, Toshikatsu; Kawabata, Fumio; and Kurosawa, Genzo, to Victor Company of Japan, Ltd. Combination lighting device and loudspeaker. 4,559,584, 12-17-85, Cl. 362-86.000.

Kuwajima, Hideji; Shike, Kazuyoshi; and Watanabe, Takeyoshi, to Hitachi Chemical Company, Ltd. Reconstituted mica materials, reconstituted mica prepreg materials, reconstituted mica products and insulated coils. 4,491,618, 1-1-85, Cl. 428-241.000.

Kuwajima, Soichi; and Sakamoto, Naojiro, to Nihon Schumacher K.K.; and Toyo Element Kogyo Kabushiki Kaisha. Filter with a tubular filter element. 4,522,719, 6-11-85, Cl. 210-457.000.

Kuwajima, Teruaki; Miwa, Hiroshi; Kida, Katsuaki; and Ishikura, Shinichi, to Nippon Paint Co., Ltd. Aqueous coating composition. 4,504,609, 3-12-85, Cl. 523-501.000.

Kuwajima, Teruaki; Kida, Katsuaki; and Ishikura, Shinichi, to Nippon Paint Co., Ltd. Aqueous coating composition. 4,518,724, 5-21-85, Cl. 523-501.000.

Kuwajima, Teruaki: *See—*
Ito, Takeyasu; and Kuwajima, Teruaki, 4,540,733, Cl. 524-407.000.

Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, to Nippon Soken, Inc.; and Kabushiki Kaisha Tokai Rika Denki Seisakusho. Lock-type seat belt retractor of automobile. 4,556,177, 12-3-85, Cl. 242-107.40A.

Kuwakado, Satosi: *See—*
Taguchi, Masahiro; Kuwakado, Satosi; and Tsuge, Noboru, 4,510,749, Cl. 60-286.000.
Tsuge, Noboru; Taguchi, Masahiro; and Kuwakado, Satosi, 4,511,097, Cl. 242-55.000.
Tsuge, Noboru; Taguchi, Masahiro; Kato, Masanori; and Kuwakado, Satosi, 4,537,169, Cl. 123-325.000.

Kuwaki, Nobuo B.: *See—*
Tam, Johann; Ashjaee, Jalal; Kuwaki, Nobuo B.; Ngo, Tuan M.; and Kung, Susan W., 4,507,078, Cl. 432-11.000.

Kuwamoto, Hiroshi: *See—*
Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.

Kuwamura, Tsukasa: *See—*
Honda, Haruyoshi; Sato, Susumu; Isomae, Kazuo; Ookawa, Junji; and Kuwamura, Tsukasa, 4,560,785, Cl. 560-52.000.

Kuwana, Hisashi: *See—*
Yamada, Yukio; Itahana, Hiroshi; and Kuwana, Hisashi, 4,492,975, Cl. 357-76.000.

Kuwana, Kazutaka: *See—*
Inden, Masahiro; and Kuwana, Kazutaka, 4,515,345, Cl. 251-141.000.
Okuyama, Teiji; Kuwana, Kazutaka; and Ishikawa, Masanobu, 4,558,897, Cl. 296-1.00S.

Kuwana, Theodore; and Kao, Wen-Hong, to Ohio State University Research Foundation, The. Electrodes for use in electrocatalytic processes. 4,541,905, 9-17-85, Cl. 204-38.700.

Kuwano, Yukinori: *See—*
Yamano, Masaru; Nagaoka, Isao; Kuwano, Yukinori; Kawada, Hiroshi; and Sakai, Souichi, 4,542,578, Cl. 29-572.000.

Kuwashima, Hidesumi: *See—*
Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.

Kuwashima, Junji: *See—*
Hayashi, Hiroshi; and Kuwashima, Junji, 4,529,594, Cl. 514-12.000.

Kuwata, Masayoshi, to General Electric Company. Method for fluidized particle tray heat exchange. 4,515,205, 5-7-85, Cl. 165-1.000.

Kuwata, Masayuki: *See—*
Kuwabara, Yoshiharu; Hamada, Hiroyoshi; and Kuwata, Masayuki, 4,521,112, Cl. 356-375.000.

Kuwata, Satoshi: *See—*
Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, 4,515,702, Cl. 252-49.600.
Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, 4,537,691, Cl. 252-49.600.

Kuwatsuka, Shunichiro: *See—*
Hirai, Osamu; Kobayashi, Tetsuo; Kuwatsuka, Shunichiro; and Suzuki, Saburo, 4,550,353, Cl. 360-125.000.

Kuwayama, Meiji: *See—*
Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, 4,528,184, Cl. 424-79.000.

Kuwayama, Tetsuro, to Canon Kabushiki Kaisha. Color imaging device. 4,504,855, 3-12-85, Cl. 358-44.000.

Kuwayama, Tetsuro; Tanaka, Nobuyoshi; and Hashimoto, Seiji, to Canon Kabushiki Kaisha. Color solid state image pick-up device. 4,517,588, 5-14-85, Cl. 358-44.000.

Kuwayama, Tetsuro: *See—*
Hashimoto, Seiji; Tanaka, Nobuyoshi; Suga, Akira; and Kuwayama, Tetsuro, 4,500,913, Cl. 358-44.000.

Kuwazuru, Yasumitsu: *See—*
Takenaka, Akira; Shimasaki, Keiichi; and Kuwazuru, Yasumitsu, 4,509,803, Cl. 308-5.00R.

Kuxdorf, Bernhard; Luhr, Peter; Werner, Hugo; Thummler, Ursus; and Dorn, Friedrich-Wilhelm, to Hoechst Aktiengesellschaft. Process and apparatus for making phosphorus pentoxide with utilization of reaction heat. 4,525,329, 6-25-85, Cl. 422-202.000.

Kuyel, Birol, to AT&T Technologies, Inc. Technique for determining the end point of an etching process. 4,496,425, 1-29-85, Cl. 156-626.000.

Kuyel, Birol, to AT&T Technologies, Inc. Photomask encapsulation. 4,537,813, 8-27-85, Cl. 428-209.000.

Kuyel, Birol: *See—*
Banks, Edward L.; Ellington, Thomas S., IV; and Kuyel, Birol, 4,499,162, Cl. 430-5.000.

Kuykendall, John: *See—*
Alexandrovich, George; Edinger, J. Raymond; Hofer, Alan; and Kuykendall, John, 4,509,159, Cl. 369-170.000.

Kuyper, Geoffrey S., to AMSTED Industries Incorporated. Method of preventing segregation of metal powders. 4,504,441, 3-12-85, Cl. 419-35.000.

Kuypers, Harold A., to Scovill Inc. Plastic tire valve. 4,506,695, 3-26-85, Cl. 137-223.000.

Kuypers, Harold A., to Scovill Inc. Tire valve and low pressure indicator. 4,557,308, 12-10-85, Cl. 152-427.000.

Kuypers, Martinus H., to Honeywell Inc. Clark cell with hydrophylic polymer layer. 4,492,622, 1-8-85, Cl. 204-403.000.

Kuzan, Frank R.: *See—*
White, Robert W.; and Kuzan, Frank R., 4,557,041, Cl. 29-732.000.

Kuzanian, Armen S.: *See—*
Petrosian, Ashot G.; Bagdasarov, Khachik S.; Kuzanian, Armen S.; Ovanesian, Karine L.; and Butaeva, Tatyana I., 4,525,460, Cl. 501-86.000.

  Petrosian, Ashot G.; Kuzanian, Armen S.; Ovanesian, Karine L.; Butaeva, Tatyana I.; Shirinian, Grigory O., and Avetisian, Ashot A., 4,543,342, Cl. 501-86.000
Kuzara, James H., to Ralston Purina Company. Animal feeding and monitoring system. 4,532,892, 8-6-85, Cl. 119-51.00R.
Kuze, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Sealing material. 4,492,603, 1-8-85, Cl. 148-31.500.
Kuze, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Ornamental composite of a metal alloy surrounding a mineral powder core for use in spectacle frames. 4,546,049, 10-8-85, Cl. 428-621.000.
Kuzel, Radomir; Broukal, Josef; and Bouse, Vaclav, to Universita Karlova. Mixture for preparation of protective and insulating coatings on metals. 4,521,250, 6-4-85, Cl. 106-15.050.
Kuziemka, Edmund J., to Material Sciences Corporation. One step method of applying polysiloxane and PTFE coating composition. 4,537,800, 8-27-85, Cl. 427-327.000.
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  Dubrovsky, Evgeny V.; Dunaev, Viktor P.; and Kuzin, Anatoly I., 4,502,315, Cl. 72-385.000.
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  Son, Adelina J.; and Kuzlik, Mark S., 4,539,122, Cl. 252-8.55R.
Kuzma, Gregory S., to Wm. Steinen Mfg. Co. Compact long-life bypass and pressure unloader valve. 4,512,358, 4-23-85, Cl. 137-116.000.
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  Crosby, Peter A.; Daly, Christopher N.; Money, David K.; Patrick, James F.; Seligman, Peter M.; and Kuzma, Janusz A., 4,532,930, Cl. 128-419.00R.
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  Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.
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Kuznetsova, Svetlana M.: *See—*
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Kuznicki, William J.: *See—*
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Kuzuhara, Hiroshi: *See—*
  Fujiwara, Masakatu; Miyamoto, Takeshi; Kuzuhara, Hiroshi; and Morimoto, Toshiya, 4,541,573, Cl. 241-36.000.
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  Yagi, Shigenori; Ogawa, Shuji; Kuzumoto, Masaki; and Tabata, Norikazu, 4,507,537, Cl. 219-121.0LA.
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  Nohara, Akira; and Kuzuna, Seiji, 4,539,326, Cl. 514-285.000.
Kuzunishi, Hiroyuki, to Chuo Hatsujo Kabushiki Kaisha. Flexible coaxial pushpull cable. 4,541,303, 9-17-85, Cl. 74-501.00R.
Kuzuoka, Shinichi: *See—*
  Kitajima, Nobuyuki; Tachibana, Yoshinori; Muraki, Asashi; and Kuzuoka, Shinichi, 4,521,355, Cl. 264-60.000.
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  Imaizumi, Mamoru; and Kuzuya, Susumu, 4,540,297, Cl. 400-625.000.
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  Riley, Thomas C., Jr.; Tharp, Charles P.; and Lapka, Galen G., 4,551,148, Cl. 604-890.000.
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  Reisgies, Rolf W.; and Kvalo, Michael L., 4,548,161, Cl. 119-14.170.
Kvarnang, Roger. Machine for removing material from logs. 4,540,031, 9-10-85, Cl. 144-2.00R.
Kvas, Peter J.; and Fera, Claudio. Sliding door. 4,561,210, 12-31-85, Cl. 49-372.000.
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  Skjaeveland, Magne, 4,526,237, Cl. 172-647.000.
  Stangeland, Kjell-Egil, 4,502,544, Cl. 172-283.000.
Kvikk s.f.: *See—*
  Palmason, Jon A., 4,503,588, Cl. 17-61.000.
Kvistad, Garry M. Percussion bar instrument. 4,543,871, 10-1-85, Cl. 84-403.000.
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Kvitash, Vadim I. Balascopy: method for detecting and rapidly evaluating multiple imbalances within multi-parametric systems. 4,527,240, 7-2-85, Cl. 364-415.000.
KV33 Corporation: *See—*
  Huffman, Ronald E., 4,494,934, Cl. 433-213.000.
  Huffman, Ronald E., 4,533,323, Cl. 433-60.000.
  Huffman, Ronald E., 4,548,581, Cl. 433-64.000.
Kwaan, Hau C. Fluid withdrawal and instillation device. 4,532,969, 8-6-85, Cl. 141-27.000.
Kwan, Henry K., to Schering Corporation. Biologically stable alpha-interferon formulations. 4,496,537, 1-29-85, Cl. 424-85.000.
Kwan, Stephen C., to Texas Instruments Incorporated. Nth order function converter. 4,507,577, 3-26-85, Cl. 307-494.000.
Kwan, William C. T.; and Pidcock, Anthony, to Rolls-Royce Limited. Gas turbine engine combustion apparatus. 4,561,257, 12-31-85, Cl. 60-737.000.
Kwap, Theodore W.: *See—*
  Chan, Yuen H.; Dickerson, James E.; Klara, Walter S.; Kwap, Theodore W.; and Mosley, Joseph M., 4,529,894, Cl. 307-454.000.
Kwasnicki, J. Michael: *See—*
  Reid, Michael J.; Kwasnicki, J. Michael; and Cheung, Nai-Kong V., 4,539,292, Cl. 435-7.000.
Kwasniewski, Dale L.: *See—*
  Holtzhauser, Joseph C.; and Kwasniewski, Dale L., 4,498,515, Cl. 152-417.000.
Kwasnik, Andrew F.: *See—*
  Covell, Russell B.; and Kwasnik, Andrew F., 4,545,330, Cl. 122-392.000.
Kwasnik, Hans-Jurgen; Piduch, Hans-Gunter; and Bruske, Heinz-Dieter, to C. Otto & Comp. G.m.b.H. Apparatus for removing charging hole covers and for cleaning sealing surfaces in a coke oven. 4,515,660, 5-7-85, Cl. 202-241.000.
Kwasnik, Hans-Jurgen; and Piduch, Hans-Gunter, to Dr. C. Otto & Comp. G.m.b.H. Cleaning apparatus for the sealing surfaces of leveling doors and leveling door frames of battery-type coke ovens. 4,552,622, 11-12-85, Cl. 202-241.000.
Kwech, Horst; and Olson, Peter K., to E. H. Wachs Company, The. Portable lathe. 4,543,861, 10-1-85, Cl. 82-4.00C.
Kwech, Horst: *See—*
  Wachs, Edward H.; and Kwech, Horst, 4,490,909, Cl. 30-97.000.
Kwek, Seng H.: *See—*
  Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.
Kwentus, Gerald K.; and Suda, Michael, to Monsanto Company. Maleic anhydride production using high butane feed concentration. 4,501,907, 2-26-85, Cl. 549-259.000.
Kwiatkowski, George T.: *See—*
  Koleske, Joseph V.; Peacock, Glenn S.; and Kwiatkowski, George T., 4,555,449, Cl. 428-411.100.
Kwiatkowski, Joachim: *See—*
  Jochemczyk, Claus; Kwiatkowski, Joachim; and Herrmann, Klaus, 4,538,927, Cl. 374-163.000.
Kwiatkowski, Keith A.; Fernandez, John E.; and LaRocca, William J., to Gulf & Western Manufacturing Company. Manually operable gearshift mechanism. 4,541,300, 9-17-85, Cl. 74-476.000.
Kwiecinski, Alfred; and Yauger, Jon A., to Hamilton Sorter Company, Inc. Adjustable word processor work station. 4,515,086, 5-7-85, Cl. 108-96.000.
Kwiecinski, James R., to Westinghouse Electric Corp. Room temperature curable polybutadiene resins with copper ethylacetoacetate catalyst. 4,554,322, 11-19-85, Cl. 525-245.000.
Kwikform America, Inc.: *See—*
  Meehan, Richard G., 4,496,026, Cl. 182-128.000.

Kwitkowski, Peter A.; and Pacholok, David R., to Motorola, Inc. Signal amplifier and integral signal shunt attenuator. 4,498,056, 2-5-85, Cl. 330-296.000.
Kwok, Kui C., to Graco Inc. Spray gun air cap and method of making. 4,501,394, 2-26-85, Cl. 239-296.000.
Kwok, Sai W.: *See—*
  Yu, Hong; and Kwok, Sai W., 4,496,979, Cl. 358-197.000.
Kwon, Joon T.; and Suciu, George D., to Lummus Crest, Inc. Saponification of chlorohydrins. 4,496,753, 1-29-85, Cl. 549-521.000.
Kwon, Joon T.: *See—*
  Gelbein, Abraham P.; and Kwon, Joon T., 4,496,752, Cl. 549-521.000.
  Suciu, George D.; Kwon, Joon T.; and Shaban, Atef M., 4,496,777, Cl. 568-850.000.
  Suciu, George D.; and Kwon, Joon T., 4,503,231, Cl. 546-317.000.
Kwon, Ki C.; and Luther, Thomas A., to Bendix Corporation, The. Recirculating bearing assembly. 4,496,195, 1-29-85, Cl. 308-6.00C.
Kwon, Ki C., to Bendix Corporation, The. Linear motion bearing truck and rail assembly. 4,496,197, 1-29-85, Cl. 308-6.00C.
Kwon, Ki C.; and Luther, Thomas A., to Warner & Swasey Company, The. Recirculating bearing assembly and method of making. 4,544,211, 10-1-85, Cl. 308-6.00C.
Kwon, Oh K.: *See—*
  Jones, David G.; and Kwon, Oh K., 4,492,461, Cl. 356-38.000.
  Jones, David G.; and Kwon, Oh K., 4,500,839, Cl. 324-204.000.
Kwon, Tae M.; and Williams, Howard E., to Litton Systems, Inc. Cavity resonator for atomic frequency standard. 4,495,478, 1-22-85, Cl. 333-230.000.
Kwon, Young J.; and Evans, Harmon A., to Westinghouse Electric Corp. Control method for large scale batch reduction of zirconium tetrachloride. 4,511,399, 4-16-85, Cl. 75-84.500.
Kwon, Young J.: *See—*
  Evans, Harmon A.; and Kwon, Young J., 4,556,420, Cl. 75-84.500.
Kwun, Hegeon; and Teller, Cecil M., II, to Southwest Research Institute. Nondestructive testing of stress in a ferromagnetic structural material utilizing magnetically induced velocity change measurements. 4,497,209, 2-5-85, Cl. 73-601.000.
Ky K. Hartwall KB: *See—*
  Hartwall, John, 4,526,124, Cl. 114-219.000.
Kyatt, Victor F., to Hurri-Kleen Corporation. Apparatus for solvent cleaning machinery parts and the like and for cleaning used solvent. 4,505,284, 3-19-85, Cl. 134-104.000.
Kyburz, Emilio: *See—*
  Aschwanden, Werner; Branca, Quirico; Kyburz, Emilio; and Pfister, Rudolf, 4,513,002, Cl. 514-408.000.
Kyburz, Hans. Ski-transporting device. 4,540,198, 9-10-85, Cl. 280-814.000.
Kydd, Paul H., to HRI, Inc. Fluid flow and ash concentration meter system using Mossbauer effect. 4,491,955, 1-1-85, Cl. 378-3.000.
Kyle, James C. Transducer system employing a spring with linear characteristics. 4,493,218, 1-15-85, Cl. 73-862.000.
Kyle, James C. Terminal assembly. 4,493,378, 1-15-85, Cl. 174-152.0GM.
Kyle, James C. Terminal assembly. 4,507,522, 3-26-85, Cl. 174-152.0GM.
Kyle, James C. Hermetically sealed insulating assembly. 4,512,791, 4-23-85, Cl. 65-21.100.
Kyle, James C., to Kyle, James C. Method for making terminal assembly for heart pacemaker. 4,514,207, 4-30-85, Cl. 65-21.100.
Kyle, James C. Electrical terminal assembly. 4,514,590, 4-30-85, Cl. 174-152.0GM.
Kyle, James C. Terminal assembly for heart pacemakers. 4,518,820, 5-21-85, Cl. 174-152.0GM.
Kyle, Richard F.: *See—*
  Gustilo, Ramon B.; and Kyle, Richard F., 4,546,501, Cl. 623-23.000.
Kyle Welding & Machine Shop Ltd.: *See—*
  Jacobsen, Ralph O., 4,526,236, Cl. 172-126.000.
Kyllonen, Allen W.: *See—*
  Hart, James E.; Spalding, Willard P.; and Kyllonen, Allen W., 4,557,181, Cl. 91-519.000.
Kylmanen, Pasi; and Takalo, Pasi, to Saastamoinen Oy. Feeding means for feeding solid fuel from a storage silo or equivalent into a solid fuel heating boiler. 4,536,120, 8-20-85, Cl. 414-173.000.
Kymi-Stromberg Oy: *See—*
  Savonjousi, Aslak, 4,515,318, Cl. 241-28.000.
Kyner, Paul R., Jr. Portable shelter. 4,542,759, 9-24-85, Cl. 135-102.000.
Kyo, Sunao: *See—*
  Ninagawa, Yoichi; Yamada, Osamu; Renge, Tsumoru; Kyo, Sunao; Osaki, Takayoshi; and Kushida, Koichi, 4,511,751, Cl. 585-608.000.
Kyocera Corporation: *See—*
  Kawamura, Takao; and Yoshida, Masazumi, 4,491,626, Cl. 430-69.000.
  Mizukami, Akihiko; and Shimaya, Tetsushi, 4,553,530, Cl. 126-422.000.
  Nagato, Yoshio; and Soroi, Kazunori, 4,511,665, Cl. 501-96.000.
  Ueno, Masato, 4,553,935, Cl. 433-32.000.
  Yonehana, Kiyoshi; and Tachibana, Zenpei, 4,561,473, Cl. 139-21.000.
Kyodo Electric Co., Ltd.: *See—*
  Ishii, Nobuyoshi; and Yamada, Yukihiko, 4,504,180, Cl. 411-5.000.
  Yamada, Yukihiko, 4,502,825, Cl. 411-5.000.
Kyoeizoki Co., Ltd.: *See—*
  Hayashi, Takeshi, 4,535,942, Cl. 241-36.000.
Kyogoku, Hiroshi: *See—*
  Tazaki, Shigemitsu; and Kyogoku, Hiroshi, 4,543,590, Cl. 346-140.00R.
Kyokuto Fatty-Acid Corporation: *See—*
  Itoh, Shuji; and Hayashi, Koichi, 4,498,943, Cl. 156-164.000.
  Itoh, Shuji; and Hayashi, Koichi, 4,544,436, Cl. 156-549.000.
Kyokuto Kaihatsu Kogyo Co., Ltd.: *See—*
  Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
Kyomasu, Mikio; Araki, Toshiyuki; Fukunaga, Shinobu; and Shindo, Masahiro, to Ricoh Company, Ltd. Erasable FPLA. 4,503,520, 3-5-85, Cl. 365-177.000.
Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, to Kawasaki Steel Corporation. Process for preparing Zn-Fe base alloy electroplated steel strips. 4,541,903, 9-17-85, Cl. 204-28.000.
Kyorin Pharmaceutical Co., Ltd.: *See—*
  Irikura, Tsutomu; Suzue, Seigo; and Okada, Kodo, 4,556,715, Cl. 546-322.000.
Kyorin Seiyaki Kabushiki Kaisha: *See—*
  Irikura, Tsutomu; Suzue, Seigo; Okubo, Hideo; and Awano, Katsuya, 4,559,402, Cl. 546-121.000.
Kyoritsu Gokin Mfg. Co., Ltd.: *See—*
  Matsumoto, Kozo, 4,511,087, Cl. 239-433.000.
Kyosan Denki Kabushiki Kaisha: *See—*
  Ohgaki, Kichio; and Ohshima, Kazuhiro, 4,551,071, Cl. 417-313.000.
Kyotani, Yoshinori: *See—*
  Umezawa, Hamao; Oono, Masaji; Ishihama, Hiroshi; Kyotani, Yoshinori; and Takahashi, Yoshio, 4,511,509, Cl. 260-239.00A.
Kyoto Central Co. Ltd.: *See—*
  Nagase, Ushiro, 4,512,156, Cl. 60-641.200.
Kyoto Ceramic Co., Ltd.: *See—*
  Inamori, Kazuo; and Gotoda, Katsuhiko, 4,527,886, Cl. 355-3.00R.
  Kawamura, Hideo; Sagawa, Nobukazu; and Yamamoto, Noriyoshi, 4,525,622, Cl. 219-270.000.
  Nagata, Koichi, 4,508,624, Cl. 210-658.000.
  Ueno, Masato; Sato, Masayoshi; Tasaka, Mitsuyuki; and Naito, Tatsuro, 4,556,389, Cl. 433-206.000.
Kyoto Ceramic Kabushiki Kaisha: *See—*
  Okabayashi, Yoshikatsu; Nakamura, Noboru; Matsumoto, Takeshi; and Osumi, Yoshimasa, 4,518,704, Cl. 502-80.000.
Kyowa Chemical Industry Co., Ltd.: *See—*
  Miyata, Shigeo; Okada, Akira; and Hirose, Toru, 4,505,887, Cl. 423-635.000.
  Miyata, Shigeo, 4,514,389, Cl. 424-128.000.
  Miyata, Shigeo; and Iizima, Noriko, 4,547,620, Cl. 585-852.000.
  Miyata, Shigeo, 4,558,102, Cl. 525-348.000.
  Miyata, Shigeo, 4,562,295, Cl. 568-366.000.
Kyowa Gas Chemical Industry Co., Ltd.: *See—*
  Shimizu, Tohru; and Nakagawa, Junji, 4,495,084, Cl. 252-301.170.
  Uehara, Hiroshi; and Shimizu, Tohru, 4,504,616, Cl. 524-398.000.
Kyowa Hakko Kogyo Co., Ltd.: *See—*
  Araki, Kazumi; and Kuga, Tetsuro, 4,495,283, Cl. 435-107.000.
  Katsumata, Hideo; Katsumata, Shigeo; Ishii, Shinzo; and Arai, Yuko, 4,560,661, Cl. 435-183.000.
  Katsumata, Ryoichi; Oka, Tetsuo; and Furuya, Akira, 4,500,640, Cl. 435-253.000.
  Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.
  Kumazawa, Toshiaki; Oiji, Yoshimasa; Tanaka, Hiroshi; and Shuto, Katsuichi, 4,547,496, Cl. 514-218.000.
  Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.
  Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, 4,495,192, Cl. 514-318.000.
  Muto, Kenji; Karasawa, Akira; Kuroda, Tokuyuki; and Nakamizo, Nobuhiro, 4,501,748, Cl. 514-318.000.
  Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, 4,511,560, Cl. 514-27.000.
Kyowa Kikai Kogyo Kabushiki Kaisha: *See—*
  Watanabe, Yoshinori, 4,531,250, Cl. 15-104.120.
Kyriacou, Demetrios; and Brattesani, Donald N., to Dow Chemical Company, The. Electrolytic cell comprising stainless steel anode, basic aqueous electrolyte and a cathode at which tetrachloro-2-picolinate ions can be selectively reduced in high yield to 3,6-dichloropicolinate ions. 4,533,454, 8-6-85, Cl. 204-272.000.
Kyriacou, Demetrios: *See—*
  Campbell, Kent D.; Gulbenkian, Aylin H.; Edamura, Fred Y.; and Kyriacou, Demetrios, 4,496,440, Cl. 204-78.000.
Kyriakis, John, to Beta Instrument Company Limited. Apparatus for annealing non-ferrous strip material. 4,529,175, 7-16-85, Cl. 266-78.000.
Kyriakos, Constantinos S.; Maurer, Dean S.; and Millio, Louis J., to Allied Corporation. Wideband phase locked loop tracking oscillator for radio altimeter. 4,503,401, 3-5-85, Cl. 331-4.000.

- Kyriss, Karl M.: *See—*
  - Yohe, Thomas L.; and Kyriss, Karl M., 4,526,692, Cl. 210-747.000.
- Kysela, Ernst: *See—*
  - Hagemann, Hermann; Klauke, Erich; and Kysela, Ernst, 4,549,994, Cl. 260-544.00F.
- Kyser, Edmond L.; Mitchell, Charles S.; and Sears, Stephan B., to System Industries, Inc. Ink supply system. 4,506,276, 3-19-85, Cl. 346-140.00R.
- Kysor Industrial Corporation: *See—*
  - Babb, John H., Jr.; and Marotto, Robert A., 4,550,939, Cl. 292-340.000.
  - Branz, Michael A., 4,553,400, Cl. 62-127.000.
  - Marotto, Robert A., 4,561,684, Cl. 292-150.000.
  - Monigold, Larry E.; and Lewis, Ordale, 4,526,140, Cl. 123-41.150.
  - Ward, David R.; and Zieske, William E., 4,543,795, Cl. 62-158.000.
- Kyster, Erik: *See—*
  - Petersen, Hans C.; Kyster, Erik; and Thomsen, Svend E., 4,533,303, Cl. 418-61.00B.
  - Petersen, Hans C.; Kyster, Erik; and Thomsen, Svend E., 4,557,676, Cl. 418-61.00B.
  - Thomsen, Svend E.; and Kyster, Erik, 4,505,109, Cl. 60-386.000.
- Kytta, Oswald O.; and Bach, Lloyd G., to Bendix Corporation, The. Fluid pressurizing device. 4,494,378, 1-22-85, Cl. 60-547.100.
- Kytta, Oswald O.; and Bach, Lloyd G., to Bendix Corporation, The. Fluid pressurizing device. 4,522,031, 6-11-85, Cl. 60-547.100.
- Kytta, Oswald O., to Bendix Corporation, The. Control valve for a brake booster. 4,535,679, 8-20-85, Cl. 91-376.00R.
- Kyuragi, Hakaru; and Oikawa, Hideo, to Nippon Telegraph & Telephone Public Corporation. Semiconductor device and process for manufacturing the same. 4,557,036, 12-10-85, Cl. 29-571.000.
- Kyushu Hitachi Maxell, Ltd.: *See—*
  - Ochiai, Masahiko, 4,504,707, Cl. 200-42.00R.
  - Ochiai, Masahiko; and Taito, Yoshinori, 4,505,036, Cl. 30-34.100.
  - Ochiai, Masahiko; and Taito, Yoshinori, 4,549,352, Cl. 30-41.500.
- Kyushu Institute of Technology: *See—*
  - Terada, Akira; and Tanoue, Yasuhiro, 4,560,511, Cl. 260-396.00R.
- Kyushu Refractories Co., Ltd.: *See—*
  - Ohtsuki, Yuzo; Komatsu, Nobiru; Watanabe, Akira; and Saeki, Gouji, 4,497,901, Cl. 501-90.000.
  - Watanabe, Akira; Takeuchi, Yoshimitsu; Shinoda, Noboru; Isono, Tetsusaburo; and Fujiwara, Kenji, 4,540,674, Cl. 501-97.000.
- Kyushu Tetsudo Kiki Mfg., Co., Ltd.: *See—*
  - Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, 4,520,756, Cl. 118-699.000.
- Kyushu Tetsudo Kiki Seizo Co., Ltd.: *See—*
  - Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.
- Kyytsonen, Juhani: *See—*
  - Kipelainen, Ossi; Kuhasalo, Antti; and Kyytsonen, Juhani, 4,491,067, Cl. 100-121.000.
- L.A. Ricouard S.A.: *See—*
  - Ricouard, Jacques; and Chappoux, Claude, 4,551,998, Cl. 70-69.000.
- L.A.S. Ricouard S.A.: *See—*
  - Ricouard, Jacques; and Quillet, Jean-Pierre, 4,499,745, Cl. 70-285.000.
- L.B. Plastics Limited: *See—*
  - Litchfield, Leon G.; and Hardy, Terence, 4,525,966, Cl. 52-397.000.
- L.C.C.-C.I.C.E. Compagnie Europeenne de Composants Electroniques: *See—*
  - Adler, Arno, 4,511,026, Cl. 198-469.000.
  - Anne, Jean, 4,499,518, Cl. 361-306.000.
  - Anne, Jean, 4,527,318, Cl. 29-25.420.
  - Bonhomme, Bernard, 4,546,228, Cl. 219-85.00R.
  - Hardy, Patrick; Cantagrel, Michel; and Guichard, Serge, 4,516,186, Cl. 361-306.000.
  - Roy, Claude, 4,494,704, Cl. 242-56.100.
- L. & C. Steinmuller GmbH: *See—*
  - Becker, Jorgen; Hendricks, Arno; Herchenbach, Horst; Steinbiss, Eberhard; and Rensinghoff, Werner, 4,541,245, Cl. 60-648.000.
  - Leikert, Klaus, 4,501,206, Cl. 110-347.000.
  - Leikert, Klaus; Buttner, Gerhard; and Michelfelder, Sigfrid, 4,551,090, Cl. 431-188.000.
  - Premel, Ulrich; and Becker, Jorgen, 4,538,676, Cl. 165-145.000.
- L & F Industries: *See—*
  - Chivens, David E.; and Cloward, Laramie J., 4,501,135, Cl. 72-302.000.
- L.J.N. Toys, Ltd.: *See—*
  - Mednick, Mel; and Weiss, Karyn, 4,530,671, Cl. 446-320.000.
- L.K. Tool Company Limited: *See—*
  - Bury, James, 4,525,930, Cl. 33-1.00M.
- L. P. Systems Corporation: *See—*
  - Runyon, Wayne; and Hower, Larry, 4,550,728, Cl. 128-303.180.
- L. Payen and Cie, S.A.: *See—*
  - Payen, Pierre, 4,525,992, Cl. 57-18.000.
- L. Schuler GmbH: *See—*
  - Belamaric, Zelimir, 4,554,430, Cl. 219-108.000.
  - Flamme, Walter; and Rahn, Oskar, 4,530,148, Cl. 29-568.000.
  - Gerber, Heinz; Adam, Klaus; and Horn, Heinz, 4,499,750, Cl. 72-351.000.
  - Mikusch, Gerald; and Munch, Werner, 4,557,133, Cl. 72-405.000.
  - Rupp, Werner; and Koch, Johannes, 4,492,154, Cl. 100-53.000.
  - Schneider, Franz; and Ruhl, Rolf, 4,516,447, Cl. 83-71.000.
  - Weber, Heinz, 4,533,029, Cl. 192-18.00A.
- L. V. J. Corporation: *See—*
  - Vignerot, Eugene; and Law, W. S., 4,504,841, Cl. 346-104.000.
- La Calhene: *See—*
  - Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,493,598, Cl. 414-1.000.
  - Glachet, Charles; Francois, Daniel; Tentelier, Jean; and Frioux, Christian, 4,549,839, Cl. 414-7.000.
  - Mercey, Gilles; Picard, Claude; and Saint-Martin, Bernard, 4,509,505, Cl. 128-1.00B.
  - Picard, Claude, 4,494,586, Cl. 141-384.000.
- La Gard, Inc.: *See—*
  - Uyeda, Tim, 4,493,199, Cl. 70-333.00R.
  - Uyeda, Tim M., 4,512,165, Cl. 70-32.000.
  - Uyeda, Tim M., 4,532,785, Cl. 70-333.00R.
  - Uyeda, Tim M., 4,541,259, Cl. 70-316.000.
- LA "GROG" s.r.l.: *See—*
  - Maione, Claudio, 4,528,218, Cl. 428-35.000.
- La Jolla Cancer Research Foundation: *See—*
  - Ruoslahti, Erkki I.; and Pierschbacher, Michael D., 4,517,686, Cl. 3-1.000.
- La Metalli Industriale S.p.A.: *See—*
  - Ceresara, Sergio; and Brogi, Mario, 4,554,407, Cl. 174-128.00S.
- La Salle Marine, Inc.: *See—*
  - Files, James H.; and Montague, John M., 4,548,151, Cl. 114-219.000.
- La Soudure Autogene Francaise: *See—*
  - Bernou, Joseph; and Sguazzi, Georges, 4,506,821, Cl. 228-5.700.
- La Telemecanique Electrique: *See—*
  - Aucel, Jean-Claude; and Testud, Jean-Louis, 4,527,231, Cl. 364-149.000.
  - Belbel, Elie; Blanchard, Christian; Lauraire, Michel; Fechant, Louis; and Haury, Andre, 4,513,270, Cl. 335-195.000.
  - Belbel, Elie; Blanchard, Christian; Fechant, Louis; Haury, Andre; and Lauraire, Michel, 4,536,630, Cl. 200-151.000.
  - Belbel, Elie; Blanchard, Christian; Haury, Andre; and Lauraire, Michel, 4,562,323, Cl. 200-151.000.
  - Jullien, Claude; and Lerude, Gerard, 4,531,797, Cl. 339-61.00M.
  - Koehler, Gerard, 4,556,858, Cl. 335-234.000.
  - Lafosse, Jean, 4,494,781, Cl. 292-60.000.
  - Lerude, Gerard; and Jullien, Claude, 4,503,409, Cl. 335-132.000.
  - Lerude, Gerard; and Lesoile, Jacques, 4,506,245, Cl. 335-160.000.
  - Moreau, Dominique; Duchemin, Pierre; and Duchemin, Jean-Pierre, 4,535,309, Cl. 335-42.000.
  - Nicolas, Michel; and Prudhomme, Pierre, 4,557,292, Cl. 137-596.160.
  - Thomas, Christian, 4,495,538, Cl. 361-115.000.
  - Verdenne, Serge; Brocard, Didier; Hardouin, Pierre; and Lameyre, Felix, 4,545,697, Cl. 403-230.000.
- La Telephonie Industrielle et Commerciale Telic Alcatel: *See—*
  - Bitsch, Philippe, 4,506,112, Cl. 179-81.00R.
- Laage, Neil A.: *See—*
  - Cooke, Ronald D.; and Laage, Neil A., 4,498,249, Cl. 34-125.000.
- Laakman, Katherine D.; and Laakmann, Peter, to Walwel, Inc. RF excited waveguide gas laser. 4,493,087, 1-8-85, Cl. 372-64.000.
- Laakmann, Peter: *See—*
  - Laakman, Katherine D.; and Laakmann, Peter, 4,493,087, Cl. 372-64.000.
- Laakso, Melvin T.: *See—*
  - Draper, Wilburn D.; and Laakso, Melvin T., 4,495,564, Cl. 364-200.000.
- Laakso, Oliver A. Pulp thickening utilizing stationary screens. 4,521,315, 6-4-85, Cl. 210-784.000.
- Laapotti, Jorma, to Valmet Oy. Press section of a paper machine. 4,525,241, 6-25-85, Cl. 162-301.000.
- Laapotti, Jorma, to Valmet Oy. Press section without press suction rollers in a paper machine. 4,551,205, 11-5-85, Cl. 162-360.100.
- Laapotti, Jorma: *See—*
  - Karvinen, Mikko; and Laapotti, Jorma, 4,526,655, Cl. 162-360.100.
- Laarhoven Design B. V.: *See—*
  - Laarhoven, Franciscus L., 4,496,263, Cl. 403-402.000.
- Laarhoven, Franciscus L., to Laarhoven Design B. V. Coupling device for coupling panels and like structural members. 4,496,263, 1-29-85, Cl. 403-402.000.
- Laarhoven, Johannes J.; van Dongeren, Jan P.; de Wit, Hendrik; and Smeets, Louis M., to Wavin B.V. Method of and apparatus for determining the state of ageing of plastic products. 4,492,867, 1-8-85, Cl. 250-341.000.
- Laarman, Timothy D.: *See—*
  - Nath, Prem; Hoffman, Kevin R.; and Laarman, Timothy D., 4,520,757, Cl. 118-723.000.
  - Nath, Prem; Hoffman, Kevin R.; and Laarman, Timothy D., 4,537,795, Cl. 427-39.000.
- Laas, Harald; Tavs, Peter; Hannebaum, Heinz; and Stroezel, Manfred, to BASF Aktiengesellschaft. Process for the preparation of a bis-salicylidene-alkylene-diaminocobaltous ion complex. 4,562,277, 12-31-85, Cl. 556-34.000.
- Laas, Harald: *See—*
  - Goetz, Norbert; Laas, Harald; Tavs, Peter; Hupfer, Leopold; and Baer, Karl, 4,538,009, Cl. 568-799.000.
- Laba, Dennis; Margres, John J., Jr.; and Burkhardt, Kristin, to Armour Pharmaceutical Company. Antiperspirant/deodorant stick compositions. 4,524,062, 6-18-85, Cl. 424-65.000.
- Labadini, William M.; and Scholz, John A., to GTE Products Corporation. High intensity discharge (HID) lamp starting apparatus. 4,513,227, 4-23-85, Cl. 315-290.000.
- Labadini, William M.: *See—*
  - Johnson, Stephen G.; and Labadini, William M., 4,523,795, Cl. 315-97.000.

LaBarge, Robert L.; Horansky, Frank J.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., to Aluminum Company of America. Container recycling apparatus having shock mounted manually rotatable carrier. 4,510,857, 4-16-85, Cl. 100-53.000.

LaBarge, Robert L.; Pohlenz, Elmer E.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; and Scherf, Thomas W., to Aluminum Company of America. Latching mechanism for manually rotatable carrier in apparatus for processing recyclable containers. 4,510,860, 4-16-85, Cl. 100-49.000.

LaBarge, Robert L.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., to Aluminum Company of America. Apparatus for processing recyclable containers. 4,512,253, 4-23-85, Cl. 100-53.000.

LaBarge, Robert L.; Green, Jerrold D.; Arndt, Eric D.; Horansky, Frank J.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., to Aluminum Company of America. Process for recycling containers. 4,519,306, 5-28-85, Cl. 100-35.000.

LaBarge, Robert L.; Leftault, Charles J., Jr.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Pohlenz, Elmer E.; and Scherf, Thomas W., to Aluminum Company of America. Container recycling apparatus using scanning means to read code markings on containers. 4,519,307, 5-28-85, Cl. 100-99.000.

LaBarge, Robert L.; Scherf, Thomas W.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; and Pohlenz, Elmer E., to Aluminum Company of America. Apparatus for processing used containers having improved crusher means. 4,526,096, 7-2-85, Cl. 100-53.000.

LaBarge, Robert L.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., to Aluminum Company of America. Apparatus for passive analysis of containers to determine acceptability for recycling. 4,558,775, 12-17-85, Cl. 194-4.00C.

Labartino, Joseph: *See—*

Bruel, Michel; Escaron, Jean; and Labartino, Joseph, 4,508,056, Cl. 118-730.000.

Labas, Nicholas: *See—*

Miller, Thomas M.; Schraff, Raymond J.; and Labas, Nicholas, 4,524,702, Cl. 110-173.00A.

LaBate, Michael D. Slag and hot metal runner system. 4,526,351, 7-2-85, Cl. 266-196.000.

LaBate, Michael D. Device for introducing gas into molten metal in controlled streams. 4,538,795, 9-3-85, Cl. 266-220.000.

Labate, Michael D.; and Perri, Joseph A., to Insul Company, Inc. Combination electric furnace and slag retaining pouring spout. 4,552,343, 11-12-85, Cl. 266-200.000.

LaBate, Michael D., II. Air cooled refractory lance. 4,550,898, 11-5-85, Cl. 266-220.000.

LaBate, Michael D., II; and Perri, Joseph A., to Insul Company, Inc. Elevated device for placing slag retention means in tapping converters. 4,553,743, 11-19-85, Cl. 266-272.000.

LaBate, Micheal D.; and LeBate, Michael D., II. Slag retaining device for use during tapping of converters and method. 4,494,734, 1-22-85, Cl. 266-45.000.

LaBate, Micheal D. Method and apparatus for pouring molten metal in a neutral atmosphere. 4,538,670, 9-3-85, Cl. 164-475.000.

Labatt Brewing Company Limited: *See—*

Geiger, Kenneth H., 4,507,325, Cl. 426-16.000.

Labaune, Gerard: *See—*

Larigaldie, Serge; and Labaune, Gerard, 4,525,140, Cl. 431-258.000.

LaBauve, Raphael J., to Stauffer Chemical Company. Inhalation exposure apparatus. 4,520,808, 6-4-85, Cl. 128-200.140.

Labavia-S.G.E.: *See—*

Bertrand, Philippe, 4,491,755, Cl. 310-93.000.

Marandet, Andre, 4,509,623, Cl. 192-4.00A.

Marandet, Andre J. P.; and Charbonnier, Marc, 4,496,867, Cl. 310-93.000.

Labb, Georges, to Thomson-CSF. Spatial correction device for an image analyzer. 4,553,164, 11-12-85, Cl. 358-163.000.

Labbe, Clement. Capo. 4,503,747, 3-12-85, Cl. 84-318.000.

Labbe, Francis A., to Molins PLC. Cigarette manufacture. 4,534,368, 8-13-85, Cl. 131-110.000.

Labbe, Francis A. M., to Molins, PLC. Cigarette manufacture. 4,491,138, 1-1-85, Cl. 131-109.00R.

Labbe, Francis A. M., to Molins PLC. Cigarette making machines. 4,526,182, 7-2-85, Cl. 131-109.100.

Labbe, Francis A. M., to Molins PLC. Cigarette manufacture. 4,543,967, 10-1-85, Cl. 131-84.300.

Labconco Corporation: *See—*

Parks, James D.; Moss, Charles A.; and Dyer, Kermit W., 4,534,281, Cl. 98-115.300.

Labeda, David P.; Goodman, Joseph J.; Borders, Donald B.; Testa, Raymond T.; and Martin, John H. E. J., deceased (by Martin, Mary B., executrix), to American Cyanamid Company. Antibacterial antibiotics LL-CO8078α_1, α_2, α_3 and β . 4,534,970, 8-13-85, Cl. 424-122.000.

Labeda, David P.: *See—*

Lee, May D.; Borders, Donald B.; Labeda, David P.; Fantini, Amedeo A.; and Testa, Raymond T., 4,503,044, Cl. 514-2.000.

Lee, Taikwang M.; Borders, Donald B.; Goodman, Joseph J.; Testa, Raymond T.; Maiese, William M.; and Labeda, David P., 4,551,533, Cl. 546-35.000.

La Bella, Joseph A.: *See—*

Ranghelli, Joseph C.; and La Bella, Joseph A., 4,521,754, Cl. 333-224.000.

LaBelle, Charles E., to Thomas Industries, Inc. Multi-position relief valve. 4,545,405, 10-8-85, Cl. 137-524.000.

Labelle, Edward J. Implement holder. 4,497,412, 2-5-85, Cl. 211-60.00T.

Labelle, Henri M. R., to Martinray Industries Ltd. Sectional folding closure. 4,497,357, 2-5-85, Cl. 160-199.000.

Labelle, Richard. Educational building toy. 4,547,160, 10-15-85, Cl. 434-195.000.

Labeltech Limited: *See—*

Glibbery, Alan E., 4,529,229, Cl. 283-81.000.

Labenz, Gary F. Boot guard for sewer manhole construction. 4,554,772, 11-26-85, Cl. 52-396.000.

Laber, Walter: *See—*

Moeller, Friedrich-Wilhelm; Buchold, Henning; Klein, Helmut; Garkisch, Otto-Ludwig; Guetlhuber, Friedrich; and Laber, Walter, 4,549,032, Cl. 585-445.000.

LaBerge, Edward F. C.; and Calzetta, Robert K., to Allied Corporation. Cyclic redundancy check monitor for microwave landing system beam steering unit. 4,532,517, 7-30-85, Cl. 343-372.000.

Labhart, Martin: *See—*

Muggli, Jurg; and Labhart, Martin, 4,547,675, Cl. 250-565.000.

Muggli, Jurg; and Labhart, Martin, 4,559,453, Cl. 250-565.000.

Labib, Mohamed E.; and Wang, Chin-Chun, to RCA Corporation. Stabilizers for CED compositions. 4,517,117, 5-14-85, Cl. 252-511.000.

Labib, Mohamed E.; Poll, Robert F.; and Wang, Chih-Chun, to RCA Corporation. Capacitance electronic disc molding compositions. 4,522,747, 6-11-85, Cl. 252-511.000.

Labib, Mohamed E.; and Poliniak, Eugene S., to RCA Corporation. High-density information disc lubricants. 4,525,402, 6-25-85, Cl. 428-64.000.

Labib, Mohamed E.; Wang, Chin-Chun; and Poll, Robert F., to RCA Corporation. Capacitance electronic disc molding composition. 4,532,074, 7-30-85, Cl. 252-511.000.

Labick, Richard A.; and Spector, George. Disposable toothbrush. 4,530,129, 7-23-85, Cl. 15-184.000.

Labofina, S.A.: *See—*

De Boodt, Marcel F. L. P.; and Verdonck, Omer F., 4,494,975, Cl. 71-25.000.

Debras, Guy L. G.; De Clippeleir, Georges E. M. J.; and Cahen, Raymond M., 4,556,753, Cl. 585-643.000.

Lepain, Andre; and Bronchart, Robert D. E. M., 4,512,914, Cl. 252-355.000.

Labombarde, Raymond A. Case presenter apparatus and method. 4,544,368, 10-1-85, Cl. 493-27.000.

La Bonte, David E.; Richter, Kurt W.; and Goehler, Robert F., to Ingersoll-Rand Company. Plural-amplitude vibration assembly. 4,550,622, 11-5-85, Cl. 74-87.000.

Labonte, Normand: *See—*

Lalancette, Jean M.; Chevalier-Bultel, Jean P.; and Labonte, Normand, 4,519,811, Cl. 51-309.000.

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Labor Muszeripari Muvek: *See—*

Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, 4,533,638, Cl. 435-288.000.

Szabo, Zsolt, 4,544,127, Cl. 251-9.000.

Laboratoire L. Lafon: *See—*

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Laboratoire Lucchini S.A.: *See—*

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Laboratoire Roger Bellon: *See—*

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Matsumoto, Jun-ichi; and Nakamura, Shinichi, 4,496,566, Cl. 514-254.000.

Matsumoto, Jun-ichi; Nishimura, Yoshiro; and Nakamura, Shinichi, 4,497,816, Cl. 514-300.000.

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Lammer, Johann; Kocher, Hans R.; and Hintermann, Hans-Erich, 4,522,453, Cl. 308-3.00R.

Sekler, Jorg; Zumsteg, Alphonse E.; and Hintermann, Hans-Erich, 4,561,286, Cl. 73-23.000.

Laboratoires Biotrol S.A: *See—*

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Laboratoires Boiron: *See—*

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Laboratoires Fournier S.A.: *See—*

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Laboratoires Jacques Logeais: *See—*

Maillard, Jacques G.; Van, Tri V.; Legeai, Jacky M.; and Benharkate, Marguerite M., 4,556,674, Cl. 514-426.000.

Laboratoires Merck Sharp & Dohme Chibret: *See—*

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de Courten, Alfred; Schulthess, Adrian; and Esteve-Soler, Jose, 4,513,007, Cl. 514-555.000.

Laboratori Baldacci S.p.A.: *See—*

Marsili, Antonio, 4,551,453, Cl. 514-234.000.

- Laboratorios Vita, S.A.: *See—*
  - Caldero Ges, Jose M.; and Duena, Antonio P., 4,539,331, Cl. 514-400.000.
- LaBotz, Arnold H.: *See—*
  - Walworth, Robert S.; Hinshaw, Jay; and LaBotz, Arnold H., 4,557,080, Cl. 52-9.000.
- LaBouff, Gary A., to Deere & Company. Method of assembling an improved heat insulated piston. 4,531,269, 7-30-85, Cl. 29-156.50R.
- LaBounty, Roy E. Metal demolition shear. 4,519,135, 5-28-85, Cl. 30-134.000.
- LaBounty, Roy E. Rail lifting and breaking machine. 4,522,323, 6-11-85, Cl. 225-2.000.
- LaBounty, Roy E. Metal grapple shear. 4,558,515, 12-17-85, Cl. 30-134.000.
- Labovitz, Jeffrey N.; and Fang, Lawrence, to Lafarge Coppee. Pollen suppressant comprising a pyridazolylamine. 4,561,881, 12-31-85, Cl. 71-92.000.
- Labows, John N., Jr.; Webster, Guy; and McGinley, Kenneth J., to Monell Chemical Senses Center; and Simon Greenberg Foundation, The. Production of gamma-lactone, rich flavor additives by Pityrosporum species cultured on lipid rich substrates. 4,542,097, 9-17-85, Cl. 435-126.000.
- Labowsky, Michael J.; Fenn, John B.; and Yamashita, Masamichi, to Yale University. Method and apparatus for the mass spectrometric analysis of solutions. 4,531,056, 7-23-85, Cl. 250-288.000.
- Labriola, Ernesto: *See—*
  - Marlettini, Maria G.; DeNovellis, Michelangelo; Labriola, Ernesto; Salomone, Teresa; and Tomassetti, Paola, 4,522,827, Cl. 514-671.000.
- Labsystems Oy: *See—*
  - Harjunmaa, Hannu, 4,555,178, Cl. 356-339.000.
  - Tervamaki, Jukka; Fagerstedt, Mikael; Kukka, Aarre; and Kaski, Erkki, 4,554,134, Cl. 422-100.000.
- Labuda, Lawrence L.; and Knodle, Daniel W., to Tri-Med, Inc. Patient's airway adapter to withdraw a patient's gas samples for testing free of sputum mucus and/or condensed water, by utilizing a hollow cylindrical hydrophobic liquid baffle. 4,558,708, 12-17-85, Cl. 128-719.000.
- LaBudde, Edward V.; and Niven, Jeffrey E., to Burroughs Corporation. Mirror position sensor and associated motor for improved track selection in optical data disk system. 4,544,241, 10-1-85, Cl. 350-486.000.
- LaBudde, Edward V.: *See—*
  - Hazel, Robert L.; and LaBudde, Edward V., 4,494,226, Cl. 369-45.000.
- LaCamera, Alfred F.: *See—*
  - Culleiton, Charles J.; LaCamera, Alfred F.; and Robare, Thomas J., 4,541,907, Cl. 204-67.000.
  - Phelps, Frankie E.; Francis, Thomas L.; and LaCamera, Alfred F., 4,499,193, Cl. 501-98.000.
- LaCapria, Anthony: *See—*
  - Gallagher, Terence J.; and LaCapria, Anthony, 4,519,155, Cl. 40-625.000.
- Lacefield, William B.; and Lindstrom, Terry D., to Eli Lilly and Company. Anti-arrhythmic N-alkanoylaminoalkyl fluorenes. 4,508,735, 4-2-85, Cl. 514-616.000.
- Lacefield, William B.; and Pfeifer, William, to Eli Lilly and Company. Synthesis of 9-carbamoyl-9-(3-aminopropyl)fluorenes. 4,552,982, 11-12-85, Cl. 564-164.000.
- Lacefield, William B.: *See—*
  - Wong, David T.; and Lacefield, William B., 4,513,135, Cl. 544-120.000.
- Lacey, David: *See—*
  - Gray, George W.; Lacey, David; Pellatt, Martin G.; and Sturgeon, Bennett, 4,542,230, Cl. 560-01.000.
- Lacey, James A., to Dow Corning Corporation. Method and apparatus for shaping a distal femoral surface. 4,502,483, 3-5-85, Cl. 128-303.00R.
- Lacey, James A.: *See—*
  - Scarton, Henry A.; DiBianca, Anthony J.; Lacey, James A.; and Kennedy, Warren C., 4,516,658, Cl. 181-208.000.
- Lacey, Ralph W., to Dijet Industrial Co., Ltd. Cutter blade retention. 4,533,281, 8-6-85, Cl. 407-36.000.
- Lach, Dietrich: *See—*
  - Bergmann, Udo; Hansen, Guenter; Lach, Dietrich; Thomas, Michael; and Zeidler, Georg, 4,491,543, Cl. 534-677.000.
- LaChance, Paul. Movable hand railing and tray for ladders. 4,515,242, 5-7-85, Cl. 182-106.000.
- LaChapelle, Philip S., to Intech Corporation. Collapsible hosiery form. 4,491,255, 1-1-85, Cl. 223-37.000.
- Lachenbruch, Roger B.; and Zajac, John P., to Tegal Corporation. Automatic shutoff valve. 4,547,248, 10-15-85, Cl. 156-345.000.
- Lacher, William A., to Burroughs Corporation. Bipolar time modulated encoder/decoder system. 4,503,472, 3-5-85, Cl. 360-43.000.
- Lachman, Irwin M.: *See—*
  - Golino, Carlo M.; Lachman, Irwin M.; and Nordlie, Lawrence A., 4,532,228, Cl. 502-261.000.
- Lachmann, Hans-Peter. Conveying plant. 4,503,971, 3-12-85, Cl. 198-833.000.
- Lachner, Hans: *See—*
  - Heiermann, Siegfried; and Lachner, Hans, 4,552,038, Cl. 81-57.380.
- Lachonius, Leif, to Aktiebolaget SKF. Conveyor comprising easily mountable girder sections. 4,511,031, 4-16-85, Cl. 198-836.000.
- Lachonius, Leif, to Aktiebolaget SKF. Holder for railings, lists and the like. 4,535,963, 8-20-85, Cl. 248-251.000.
- Lacina, Tomislav: *See—*
  - Nemec, Frantisek; Moos, Petr; Bytesnik, Milan; Kuba, Jan; and Lacina, Tomislav, 4,553,072, Cl. 315-244.000.
- Lack, Larry H., to Auer, Frank M.; Auer, C. J.; and Lindenmayer, Paul B. Ratchet wrench. 4,507,990, 4-2-85, Cl. 81-57.390.
- Lack, Larry H., to Auer, Frank M.; Auer, C. J.; and Lindenmayer, Paul B. Low profile ratchet wrench. 4,561,329, 12-31-85, Cl. 81-62.000.
- Lacka, Cemal. Safe. 4,559,880, 12-24-85, Cl. 109-51.000.
- Lackey, Robert W., to Mead Corporation, The. Container having an internal liner together with method and apparatus for forming such container. 4,546,900, 10-15-85, Cl. 220-453.000.
- Lackey, Stanley A.; Meinerth, Kim A.; and Stoner, David A., to Digital Equipment Corporation. Special instruction processing unit for data processing system. 4,509,116, 4-2-85, Cl. 364-200.000.
- Laclede Professional Products, Inc.: *See—*
  - Pellico, Michael A., 4,515,913, Cl. 523-109.000.
  - Pellico, Michael A.; and Montgomery, Robert E., 4,537,764, Cl. 424-50.000.
- Lacombe, Gerard A.; and Bonicalzi, Leopold. Insulated wall unit construction. 4,517,780, 5-21-85, Cl. 52-233.000.
- Lacombe, Jean-Loup; and Brun, Claude, to Atochem. Process for preparation of a transition metal component for a catalytic system of polymerization of olefins. 4,536,484, 8-20-85, Cl. 502-62.000.
- LaConti, Anthony B.; Enos, John F.; Dempsey, Russell M.; and Fragala, Anthony R., to United Technologies Corporation. Device for evolution of oxygen with ternary electrocatalysts containing valve metals. 4,528,083, 7-9-85, Cl. 204-265.000.
- La Conti, Anthony B.: *See—*
  - Coker, Thomas G.; and La Conti, Anthony B., 4,561,945, Cl. 204-98.000.
- Lacore, Brian C. Tank flushing apparatus. 4,527,295, 7-9-85, Cl. 4-321.000.
- La Corte, Carlo: *See—*
  - Furia, Edoardo; and La Corte, Carlo, 4,557,117, Cl. 62-340.000.
- Lacoste, Jean P., to Thomson-CSF. Device for correcting a videofrequency television signal by dynamic attenuation of the noise level. 4,504,863, 3-12-85, Cl. 358-167.000.
- Lacour, Alain P.; Langlois, Michel; Jalfre, Maurice F.; and Bucher, Bernard P., to Delalande S.A. 5-(1-propyl)n-butyl tetrazoles. 4,528,380, 7-9-85, Cl. 548-250.000.
- Lacour, Alain P.: *See—*
  - Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.
  - Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.
  - Bourgery, Guy R.; Lacour, Alain P.; Pourrias, Bernard M.; and Santamaria, Raphael, 4,536,500, Cl. 514-212.000.
  - Platel, Alain Y.; Lacour, Alain P.; and Bourgery, Guy R., 4,500,531, Cl. 514-255.000.
- Lacour, Bernard; Euvrard, Hubert; Gaillard, Roger; and Boinot, Jean C. Device for fixing a transmission assembly in the body of an angled dental tool. 4,493,646, 1-15-85, Cl. 433-133.000.
- Lacour, Bernard; Maillet, Marc; de Witte, Olivier; and Vannier, Chantal, to Compagnie Generale d'Electricite. Gas laser in which the gas is excited by capacitor discharge. 4,495,631, 1-22-85, Cl. 372-38.000.
- Lacour, Bernard; Maillet, Marc; Vannier, Chantal; and de Witte, Olivier, to Compagnie Generale d'Electricite. Capacitor discharge excited gas laser. 4,509,174, 4-2-85, Cl. 372-82.000.
- Lacour, Clement F.; and Latouche, Yannick, to Thomson-CSF. Microwave mixer. 4,541,124, 9-10-85, Cl. 455-327.000.
- Lacour, Gilles; and Esteveny, Serge, to Centre Stephanois de Recherches Mecaniques Hydromecanique et Frottement. Device for the introduction and/or the removal, in an airtight manner of solid bodies across one aperture at least of an enclosure treatment, more particularly under low pressure. 4,494,478, 1-22-85, Cl. 118-50.000.
- Lacourse, Norman L.: *See—*
  - Zwiercan, Gary A.; Lacourse, Norman L.; and Lenchin, Julianne M., 4,499,116, Cl. 426-582.000.
- Lacourt, Daniel: *See—*
  - Couche, Leon; Lacourt, Daniel; and Ventavoli, Roger, 4,551,886, Cl. 17-75.000.
- Lacrex Brevetti S.A.: *See—*
  - Pasbrig, Max, 4,509,469, Cl. 123-154.000.
- Lacroix, Alain, to Societe Lyonnaise des Applications Catalytiques. Gas-supply system for catalytic gas burners. 4,511,326, 4-16-85, Cl. 431-53.000.
- Lacroix, Alain: *See—*
  - Dubois, Jean; Lacroix, Alain; Forestier, Lucienne; and Steiner, Jean-Pierre, 4,507,812, Cl. 4-228.000.
- Lacroix, Guy; Anding, Claude; and Viricel, Andree, to Rhone-Poulenc Agrochimie. Fungicidal salts of organophosphorus derivatives. 4,542,023, 9-17-85, Cl. 514-126.000.
- Lacroix, Guy: *See—*
  - Debourge, Jean-Claude; and Lacroix, Guy, 4,515,807, Cl. 514-513.000.
- Lacroix, Marc: *See—*
  - Le Tiec, Patrick; and Lacroix, Marc, 4,549,646, Cl. 198-409.000.
- LaCroix, Michael G.: *See—*
  - Haeg, Steven R.; and LaCroix, Michael G., 4,527,416, Cl. 73-11.000.
- Lacroix, Roger, to Ciba-Geigy Corporation. Process for the preparation of stable aqueous solutions of water-soluble reactive dyes by membrane separation. 4,523,924, 6-18-85, Cl. 8-527.000.

Lacroix, Roger; and Marfurt, Hans-Rudolf, to Ciba-Geigy Corporation. Process for converting sparingly soluble salts of anionic dyes and fluorescent brighteners into more soluble salts by means of cation exchange. 4,560,480, 12-24-85, Cl. 210-638.000.

La Crosse, Frank X.; and Greiner, Waldemar H. Duct jointing system. 4,542,923, 9-24-85, Cl. 285-424.000.

Lacy, James W. Internal combustion engine. 4,523,549, 6-18-85, Cl. 123-58.0BC.

Lacy, Robert A.: *See—*
  Shaw, Herbert J.; Digonnet, Michel J. F.; and Lacy, Robert A., 4,553,238, Cl. 372-6.000.

Lacy, Sylvia M.: *See—*
  Merchant, Philip; and Lacy, Sylvia M., 4,551,239, Cl. 208-188.000.

Lada-Mocarski, Laura K.: *See—*
  Griggs, James S.; and Lada-Mocarski, Laura K., 4,553,680, Cl. 220-4.00F.

Ladd, Harry E.: *See—*
  Angelucci, Richard J.; Cope, Andrew P.; Hallam, Donald E.; and Ladd, Harry E., 4,555,067, Cl. 242-35.50A.

Ladd, Horace W.: *See—*
  Parkyn, William A.; Ladd, Horace W.; and Mellon, Andrew M., 4,520,795, Cl. 126-443.000.

Lade, Robert W.; Jaskolski, Stanley V.; Schutten, Herman P.; and Spellman, Gordon B., to Eaton Corporation. Amplified gate thyristor with non-latching amplified control transistors across base layers. 4,529,998, 7-16-85, Cl. 357-38.000.

Lade, Robert W.: *See—*
  Benjamin, James A.; Lade, Robert W.; and Schutten, Herman P., 4,533,783, Cl. 136-249.000.
  Schutten, Herman P.; Benjamin, James A.; and Lade, Robert W., 4,541,001, Cl. 357-23.400.
  Schutten, Herman P.; Benjamin, James A.; and Lade, Robert W., 4,542,396, Cl. 357-23.400.
  Schutten, Herman P.; Lade, Robert W.; and Benjamin, James A., 4,546,367, Cl. 357-23.400.
  Schutten, Herman P.; Lade, Robert W.; and Benjamin, James A., 4,553,151, Cl. 357-23.400.
  Schutten, Herman P.; Benjamin, James A.; and Lade, Robert W., 4,558,243, Cl. 307-584.000.

Ladebeck, Jurgen: *See—*
  Schneider, Michael; Kochloefl, Karel; and Ladebeck, Jurgen, 4,535,071, Cl. 502-342.000.

Ladell, Michael G.: *See—*
  Bickerstaff, Alan E.; Cotton, Austin H.; Ladell, Michael G.; and Neale, David M., 4,536,076, Cl. 355-3.0FU.

Laderman, Arnold J.; and Bergthold, Frederick M., Jr., to United States of America, Air Force. Laser beam duct pressure controller system. 4,538,635, 9-3-85, Cl. 137-114.000.

Lades, Hans; Fink, Friedrich; Liebel, Siegfried; Lauterbach, Inge; Taube, Thomas; and Zollner, Dieter, to Arc Technologies Systems Ltd. Arrangement of an electrode for electric arc furnaces. 4,509,178, 4-2-85, Cl. 373-93.000.

Lades, Hans: *See—*
  Zollner, Dieter; Lauterbach-Dammler, Inge; Taube, Thomas; Lades, Hans; Liebel, Siegfried; and Bauer, Hanns-Georg, 4,531,219, Cl. 373-101.000.

Ladewski, Chester T.; Chapman, Harry A.; and Johnston, Jeffrey J., to GTE Automatic Electric Laboratories Incorporated. Validity checking arrangement for extended memory mapping of external devices. 4,531,215, 7-23-85, Cl. 371-67.000.

Ladin, Eli M., to Federal-Mogul Corporation. Self-aligning clutch release bearing assembly. 4,534,458, 8-13-85, Cl. 192-98.000.

Ladisch, Stephan, to University of California, The Regents of the. Avoidance of the immunosuppressive and antiproliferative effects of lipid emulsions. 4,551,449, 11-5-85, Cl. 514-182.000.

Ladish Co.: *See—*
  Zimmerly, Robert D., 4,531,532, Cl. 137-15.000.

Ladish, Douglas J., to Reichhold Chemicals, Incorporated. Aqueous rubberized coal tar emulsion. 4,544,690, 10-1-85, Cl. 524-60.000.

Ladouceur, Harold A.: *See—*
  Steward, John H.; and Ladouceur, Harold A., 4,532,664, Cl. 10-162.00A.

Ladouceur, Lawrence C., to Rockwell International Corporation. Manufacturing apparatus for laminate structure. 4,509,256, 4-9-85, Cl. 29-802.000.

Ladouceur, Lawrence C., to Rockwell International Corporation. Method of preventing wheel cover insert rotation. 4,542,569, 9-24-85, Cl. 29-159.00A.

Ladouceur, Lawrence C., to Randall Wheel Trim, Inc. Wheel cover manufacturing apparatus. 4,559,689, 12-24-85, Cl. 29-243.520.

Ladriere, Serje. Solar collectors. 4,534,336, 8-13-85, Cl. 126-431.000.

Ladue, John E.: *See—*
  Logan, David J.; Wood, Kenneth O.; Gordon, Thomas A.; and Ladue, John E., 4,547,786, Cl. 346-140.00R.

Ladusaw, William T., to General Electric Company. Hermetic compressor including a terminal block and thermal protection retainer means. 4,508,987, 4-2-85, Cl. 310-68.00C.

Ladwig, Lee R.: *See—*
  Olig, Eugene A.; and Ladwig, Lee R., 4,509,126, Cl. 364-474.000.
  Olig, Eugene A.; and Ladwig, Lee R., 4,547,847, Cl. 364-148.000.

Laeis-Werke AG: *See—*
  von Karchowski, Wilhelm, 4,533,311, Cl. 425-405.00H.

Laemmermann, Fritz; Rindfleisch, Werner; Fabian, Wolfgang; and Polster, Rudolf, to BASF Aktiengesellschaft. Procedure and apparatus for charging and emptying the drying trays in a drying box. 4,497,120, 2-5-85, Cl. 34-15.000.

Laemmle, Joseph T.; and Bohaychick, John, to Aluminum Company of America. Metalworking lubricant composition containing a novel substituted malonic acid diester. 4,517,105, 5-14-85, Cl. 252-56.00R.

Laemmle, Joseph T.; Bohaychick, John; and Lansdale, Willie, to Aluminum Company of America. Continuous casting with glycerol trioleate parting composition. 4,522,250, 6-11-85, Cl. 164-472.000.

Laerum, Ole D., to Nyegaard & Co. A/S. Peptide compounds. 4,499,081, 2-12-85, Cl. 514-17.000.

Laesecke, Klaus P.: *See—*
  Folkers, Karl; and Laesecke, Klaus P., 4,550,109, Cl. 514-249.000.

Laesser, Claude, to ETA S.A., Fabriques d'Ebauches. Portable device including a visible mechanism. 4,534,660, 8-13-85, Cl. 368-220.000.

Lafarge Conseils et Etudes: *See—*
  Ohayon, Gerard; Reverchon, Bernard; Tourre, Bernard; and Vigier, Serge, 4,493,271, Cl. 110-262.000.

Lafarge Coppee: *See—*
  Labovitz, Jeffrey N.; and Fang, Lawrence, 4,561,881, Cl. 71-92.000.

LaFave, Charles H. Belt sander. 4,535,568, 8-20-85, Cl. 51-148.000.

Laferty, John M.: *See—*
  Carpenter, Kent H.; and Laferty, John M., 4,504,461, Cl. 423-593.000.
  McHugh, Lawrence F.; Huggins, Dale K.; Hepworth, Malcolm T.; and Laferty, John M., 4,552,749, Cl. 423-606.000.
  Sebenik, Roger F.; LaValle, Pablo P.; Laferty, John M.; and May, William A., 4,495,157, Cl. 423-54.000.
  Sebenik, Roger F.; Baker, Jerry D.; and Laferty, John M., 4,547,345, Cl. 423-53.000.

Lafevers, James O.: *See—*
  Kushmaul, Richard T.; Lafevers, James O.; and Webb, James E., 4,494,743, Cl. 271-11.000.

Lafferty, James: *See—*
  Hagan, John A.; and Lafferty, James, 4,520,941, Cl. 220-72.000.

Lafferty, John J.: *See—*
  Bondinell, William E.; Lafferty, John J.; and Zirkle, Charles L., 4,514,414, Cl. 514-422.000.

Laffitte, David S.: *See—*
  McDonough, Kevin C.; Laffitte, David S.; and Hughes, John M., 4,562,435, Cl. 340-798.000.
  Thompson, Raymond W.; Kalidas, Navinchandra; Abbott, John H.; and Laffitte, David S., 4,540,226, Cl. 339-17.0CF.

La Fiandra, Carlo; and Mumola, Peter B., to Perkin-Elmer Corporation, The. Actuator. 4,516,062, 5-7-85, Cl. 318-676.000.

La Fiandra, Carlo, to Perkin-Elmer Corporation, The. X-ray lithography system. 4,539,695, 9-3-85, Cl. 378-34.000.

La Fiandra, Carlo: *See—*
  Deschenaux, Warren; Hughes, Gregory; Kreuzer, Justin; and La Fiandra, Carlo, 4,534,047, Cl. 378-35.000.

LaFleur, Arthur E., to Custom Packaging Systems, Inc. Collapsible bag and discharge valve therefor. 4,518,106, 5-21-85, Cl. 222-460.000.

LaFleur, Craig V.: *See—*
  Miller, Norbert D.; and LaFleur, Craig V., 4,547,756, Cl. 335-152.000.

LaFleur, Paul J., Jr.: *See—*
  Crescenzo, Francis C.; and LaFleur, Paul J., Jr., 4,495,745, Cl. 53-77.000.
  Groom, James S.; and LaFleur, Paul J., Jr., 4,537,012, Cl. 53-552.000.

LaFleur, Robert H. Jig-saw puzzle work board. 4,552,361, 11-12-85, Cl. 273-157.00R.

Laflin, Philip; Eddleston, Ian; and Hepworth, Mathew A., to T&N Materials Research Limited. Flexible sheet material and articles made therefrom. 4,548,678, 10-22-85, Cl. 162-146.000.

Lafon, Guy. Portable machine designed for the automatic installation of wire ties on concrete reinforcing steel frames and operation thereof. 4,542,773, 9-24-85, Cl. 140-93.600.

Lafon, Louis, to Laboratoire L. Lafon. N-(4-acetylaminophenacyl)amine derivatives useful as pharmaceuticals. 4,545,996, 10-8-85, Cl. 514-629.000.

Lafonta, Fernande F.; and Lafonta, Paul A., to ETAT Francais. High voltage amplifier for capacitive load. 4,560,914, 12-24-85, Cl. 320-1.000.

Lafonta, Paul A.: *See—*
  Lafonta, Fernande F.; and Lafonta, Paul A., 4,560,914, Cl. 320-1.000.

LaForce, Jean, to Stringer, Carl; Stringer Oil & Gas Co.; LaForce, Jean; and Stringer, Carl Thomas. Method and apparatus for equilizing temperature of pipe sections during solid phase welding. 4,491,716, 1-1-85, Cl. 219-101.000.

Laforest Le Boudec, Guy, to Laforest, S.A. Devices for producing ignition sparks when falling on a pyrophoric flint. 4,509,916, 4-9-85, Cl. 431-273.000.

Laforest, S.A.: *See—*
  Laforest Le Boudec, Guy, 4,509,916, Cl. 431-273.000.

La Forge, David H.; and Portner, Peer M., to Novacor Medical Corporation. Solenoid activated closure device. 4,519,043, 5-21-85, Cl. 364-571.000.

Lafortune, Lucien; and Rouette, Andre. Safety closure cap. 4,500,006, 2-19-85, Cl. 215-224.000.

Lafosse, Jean, to La Telemecanique Electrique. Self-locking lock assembly. 4,494,781, 1-22-85, Cl. 292-60.000.

LaFoy, Carl J., to Phillips Petroleum Company. Mercaptan extraction process. 4,562,300, 12-31-85, Cl. 585-854.000.

Lafrance, Conrad D.: *See—*
  Fatovic, Peter; and Lafrance, Conrad D., 4,528,426, Cl. 179-121.00D.

LaFrance Corporation: *See—*
  Peroni, Peter A., 4,514,877, Cl. 16-111.00R.

Lagabe, Andre: *See—*
  Bucher, Claude; and Lagabe, Andre, 4,546,987, Cl. 277-207.00A.

Lagace, Arthur P.: *See—*
  Cook, Edward J.; and Lagace, Arthur P., 4,533,254, Cl. 366-176.000.

Lagadec, Roger: *See—*
  Gaskell, Philip S.; Lagadec, Roger; and McNally, Guy W., 4,562,489, Cl. 360-39.000.

Lagakos, Nicholas; and Trott, W. James. Microbending fiber optic acoustic sensor. 4,530,078, 7-16-85, Cl. 367-149.000.

Lagakos, Nicholas: *See—*
  Macedo, Pedro B.; Simmons, Catherine J.; Tran, Danh C.; Lagakos, Nicholas; and Simmons, Joseph, 4,528,011, Cl. 65-30.130.
  Tran, Danh C.; Macedo, Pedro B.; Simmons, Joseph H.; Simmons, Catherine J.; and Lagakos, Nicholas, 4,544,499, Cl. 252-629.000.

Lagana, Carlo: *See—*
  Geri, Sergio; Moggi, Giovanni; and Lagana, Carlo, 4,530,971, Cl. 525-199.000.

Lagana, Giuseppe. Motor vehicle with its body in the form of a volumetric shell of resilient material. 4,553,783, 11-19-85, Cl. 296-31.00P.

Lagana, Vincenzo; and Cavallanti, Virginio, to Snamprogetti S.p.A. Process for the production of urea. 4,500,734, 2-19-85, Cl. 564-72.000.

Lagana, Vincenzo: *See—*
  Fattore, Vittorio; Notari, Bruno; Paggini, Alberto; and Lagana, Vincenzo, 4,513,100, Cl. 502-303.000.

Lagano, Thomas; and Batchelor, William H., to Propane Carburetion Systems, Inc. Process for controlling secondary gas fuel to normally liquid fueled I.C. engine. 4,513,727, 4-30-85, Cl. 123-525.000.

Lagano, Vincenzo; and Cavallanti, Virginio, to Snamprogetti S.p.A. Process for the isothermal absorption of ethylene oxide using film absorbers. 4,529,417, 7-16-85, Cl. 55-84.000.

Laganza, Joseph L.: *See—*
  Engelbrecht, Orest; and Laganza, Joseph L., 4,530,635, Cl. 414-627.000.

Lagarde, Paul R.: *See—*
  Bolduc, Richard M.; and Lagarde, Paul R., 4,557,517, Cl. 296-1.00S.

Lagerstedt, Jan: *See—*
  Hilmersson, Anders; Lagerstedt, Jan; and Andersson, Helge, 4,512,935, Cl. 261-79.00A.

Lagerstedt, Jan. E. R.; and Andersson, Helge, to Tetra Pak International AB. Arrangement for the separation of particles. 4,559,068, 12-17-85, Cl. 55-399.000.

Lagerstedt & Krantz AB: *See—*
  Magnusson, Per-Erik, 4,524,469, Cl. 4-216.000.

Lagerstrom, Gosta B.; and Berglund, Lennart H. A., to Boliden Aktiebolag. Method for producing silica. 4,557,918, 12-10-85, Cl. 423-335.000.

Lagerwaard, Cornelis A.: *See—*
  Cornelissen, Johannes M.; Lagerwaard, Cornelis A.; and Martens, Rudolf J., 4,547,305, Cl. 252-94.000.

Lagger, Helmut; Schmid, Elisabeth; and Haider, Erich, to Siemens Aktiengesellschaft. Method and apparatus for the exponentiation of large binary numbers in a residue class modulo N, particularly for encoding and decoding digitally-represented messages. 4,532,638, 7-30-85, Cl. 375-17.000.

Laghi, Aldo A., to General Electric Company. Method for molding a liquid injection molding composition. 4,545,952, 10-8-85, Cl. 264-328.200.

Laghi, Aldo A., to General Electric Company. Method of making a molded part utilizing a liquid injection molding apparatus. 4,550,006, 10-29-85, Cl. 264-328.200.

Lagier, Jean-Pierre: *See—*
  Figlarz, Michel; Fievet, Fernand; and Lagier, Jean-Pierre, 4,539,041, Cl. 75-0.50A.

Lagneau, Jean H. Emptying apparatus for a silo. 4,504,177, 3-12-85, Cl. 406-86.000.

Lagofun, Guy J., to Etat Francais represente par le Delegue General pour l'Armement. Combustible safety primer of selective percussion for case-less ammunition or ammunition with combustible case. 4,532,866, 8-6-85, Cl. 102-204.000.

Lagoni, William A.; and Harlan, Wayne E., to RCA Corporation. Video signal peaking system. 4,509,080, 4-2-85, Cl. 358-166.000.

Lagoni, William A.: *See—*
  Shanley, Robert L., II; Yost, Thomas D.; and Lagoni, William A., 4,554,577, Cl. 358-34.000.

Lagow, Richard J.; and Persico, Daniel F. Perfluorinated branched ether compounds. 4,510,335, 4-9-85, Cl. 568-683.000.

Lagow, Richard J.; and Gerhardt, Glenn E., to University of Texas System. Method for forming perfluorocarbon ethers. 4,523,039, 6-11-85, Cl. 568-615.000.

Lagowski, Jacek: *See—*
  Jastrzebski, Lubomir L.; and Lagowski, Jacek, 4,498,772, Cl. 356-357.000.

LaGrone, James H.: *See—*
  Beasley, Roy D.; and LaGrone, James H., 4,495,803, Cl. 73-151.000.

LaGross, Dennis L.: *See—*
  Berthel, Robert O.; Plank, Vernon G.; and LaGross, Dennis L., 4,561,018, Cl. 358-107.000.
  Plank, Vernon G.; Matthews, Anthony J.; Berthel, Robert O.; and LaGross, Dennis L., 4,499,761, Cl. 73-170.00R.

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Lahoda, Edward J., to Westinghouse Electric Corp. Recovery of boric acid from nuclear waste. 4,540,512, 9-10-85, Cl. 252-629.000.

Lahres, Hans: *See—*
  Furter, Gerhard; and Lahres, Hans, 4,561,736, Cl. 351-159.000.

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  Klisch, Stephen C.; Lai, Kuo-Yann; and Robbins, Clarence R., 4,554,098, Cl. 252-547.000.

Lai, Stephen H.; and Srivastava, Gopal K., to Zenith Electronics Corporation. Biased current mirror having minimum switching delay. 4,525,682, 6-25-85, Cl. 330-288.000.

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  Petric, Paul F.; Foley, Michael S.; Utlaut, Mark W.; and Laiacano, Joseph A., 4,528,451, Cl. 250-441.100.

Laib, Roger D.: *See—*
  Speca, Anthony N.; and Laib, Roger D., 4,536,489, Cl. 502-162.000.

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  Broers, Alec N.; and Laibowitz, Robert B., 4,557,995, Cl. 430-296.000.

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Laiewski, Stanislaus J.; Hessen, Thomas A.; Hardy, Thomas R.; and Gilvin, Allie F., to W. R. Grace & Co., Cryovac Div. Method and apparatus for manufacturing a purge trap tray. 4,552,600, 11-12-85, Cl. 156-73.100.

Laigar, Karl: *See—*
  Munde, Jan C.; and Laigar, Karl, 4,556,331, Cl. 384-453.000.

Laimer, Freidrich, to Voest-Alpine Aktiengesellschaft. Installation with a refractorily lined metallurgical vessel. 4,561,638, 12-31-85, Cl. 266-158.000.

Laine, Richard M.: *See—*
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Laine, Unto, to Euroka Oy. Model and filter circuit for modeling an acoustic sound channel, uses of the model, and speech synthesizer applying the model. 4,542,524, 9-17-85, Cl. 381-53.000.
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Laing, Gordon E.: *See—*
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Laing, Graham S., to Northern Telecom Limited. Line use indicator for telephone sets sharing a single line. 4,546,214, 10-8-85, Cl. 179-81.00C.
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Laing, John R., to Xerox Corporation. Cleaning apparatus for a charge retentive surface. 4,494,863, 1-22-85, Cl. 355-15.000.
Laing, Karsten; Laing, Oliver; and Ludin, Ludwig. Pressureless large-area heating system. 4,516,721, 5-14-85, Cl. 237-69.000.
Laing, Karsten. Intermittent through-flow collector. 4,519,380, 5-28-85, Cl. 126-422.000.
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Lair, Clair K.; Jonas, Jules; and Anderson, Keith D., to General Dynamics, Pomona Division. Multiple target seeking clustered munition and system. 4,522,356, 6-11-85, Cl. 244-3.150.
Lair, George J. Method for loading cargo. 4,543,035, 9-24-85, Cl. 414-786.000.
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Bosquain, Maurice; Grenier, Maurice; Hay, Leon; Lapeyre, Paul; Lehman, Jean-Yves; Petit, Pierre; and Sauty, Pierre, 4,541,851, Cl. 55-208.000.
Cuny, Francis; and Auzary, Louis, 4,527,038, Cl. 219-75.000.
Delacour, Pierre; and Prost, Roger, 4,506,512, Cl. 62-49.000.
Desprez, Marc, 4,531,960, Cl. 65-134.000.
Foulard, Jean; Rimbert, Jean-Francis; Vernet, Gilles; and Goursat, Albert-Gilbert, 4,518,421, Cl. 75-49.000.
Girardon, Philippe; and Amen, Jean, 4,503,036, Cl. 424-92.000.
Goursat, Albert-Gilbert; Vernet, Gilles; Rimbert, Jean-Francis; Foulard, Jean; Darle, Thierry; and Bigot, Jean, 4,521,244, Cl. 75-0.50B.
Guillaume, Paul; Vezin, Luc; and Dubi, Bernard, 4,494,923, Cl. 431-9.000.
Hay, Leon, 4,512,779, Cl. 55-26.000.
Kostelitz, Michel; and Queille, Philippe, 4,519,853, Cl. 148-16.500.
Laurenceau, Serge; Moufflet, Luc; and Genies, Bernerd, 4,556,384, Cl. 431-160.000.
Le Diouron, Raymond, 4,538,423, Cl. 62-222.000.
Legrand, Pierre; and Arnout, Michel, 4,493,969, Cl. 219-130.400.
Louradour, Pierre; and Roullet, Alain, 4,541,251, Cl. 62-64.000.
Madsac, Michel; and Hiron, Thierry, 4,531,984, Cl. 148-16.600.
Marhic, Gerard; Schaff, Didier; and Remy, Francis, 4,555,609, Cl. 219-121.0PC.
Monnier, Jean-Pierre, 4,549,563, Cl. 137-100.000.
Noren, Per-Olle, 4,532,007, Cl. 162-161.000.
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Zumbrunn, Jean-Pierre; Levielle, Jean; Thomas, Andre; and Grangette, Francoise, 4,536,907, Cl. 8-149.100.
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Laisney, Bernard; Letoffe, Michel; Perrin, Patrice; and Ulrich, Jean, to Rhone-Poulenc Specialites Chimiques. Single component organopolysiloxane compositions containing silanes with acyloxy or ketoniminoxy groups as cross linking agents and organic derivatives of titanium or zirconium as catalysts. 4,525,565, 6-25-85, Cl. 528-17.000.
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Laitera , Jukka, to Oy Wartsila Ab. Suction dredger. 4,552,084, 11-12-85, Cl. 114-74.00R.
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Bolzer, Rene, 4,559,119, Cl. 204-182.600.
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Laiteris Hubert Triballat: *See—*
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Laitinen, Sakari; and Nyman, Tapani, to A. Ahlstrom Osakeyhtio. Thermal stabilizing system for a headbox of a papermachine. 4,552,619, 11-12-85, Cl. 162-336.000.
Laitram Corporation, The: *See—*
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Lapeyre, James M., 4,4[illegible]551, Cl. 354-67.000.
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Lajoye, Pierre. Apparatus and method for manufacture of curved hollow toroidal elements. 4,549,339, 10-29-85, Cl. 29-527.600.
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Lake, Leo C., Jr., to Yamaha Motor Corporation, U.S.A. Unleaded fuel filling system for tanks without inlet pipe. 4,526,216, 7-2-85, Cl. 141-348.000.
Lake, Ralph J., Jr.; Steckowich, John, Jr.; and Solomon, Stephen R., to Burroughs Corporation. Keyboard assembly. 4,544,301, 10-1-85, Cl. 403-300.000.
Lake, Ralph J., Jr.: *See—*
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Lake, Rutherford C., Jr.: *See—*
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Lake, W. H. R.; and Grandinett, D. H., to Ford Motor Company. Clutch driven front axle fourwheel drive system. 4,493,387, 1-15-85, Cl. 180-248.000.
Lake, W. H. Russell, to Trail-R-Van Inc. Lift-roof trailer. 4,533,171, 8-6-85, Cl. 296-173.000.
Lake, William R., to Ford Motor Company. Four-wheel drive axleshaft clutch mechanism. 4,545,456, 10-8-85, Cl. 180-233.000.
Laker, Kenneth R.: *See—*
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Lakes, Sherman, to Day Star Concepts. Coated, heat shrinkable expanded polystyrene. 4,546,134, 10-8-85, Cl. 524-141.000.
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Lakeview Window Corporation: *See—*
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Lakhani, Rajni R.: *See—*
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Lakin, Kenneth M., to United States of America, Air Force. Eddy current test probe with circumferential Segments and method of testing material surrounding fastener holes. 4,495,466, 1-22-85, Cl. 324-242.000.
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Lakritz, Mark N.; Ordonez, Jose; and Tubiola, Peter J., to International Business Machines Corporation. Method for forming elongated solder connections between a semiconductor device and a supporting substrate. 4,545,610, 10-8-85, Cl. 29-589.000.
Lakshmanan, Pallavoor R., to Gulf Oil Corporation. Adhesive composition. 4,500,661, 2-19-85, Cl. 524-77.000.
Lakshmanan, Vaikuntam I.; and Biskupski, Jurgen K., to Ontario Research Foundation. Recovery of precious metals. 4,537,628, 8-27-85, Cl. 75-118.00R.
Lal, Joginder; and Senyek, Michael L., to Goodyear Tire & Rubber Company, The. Preparation of interpolymers of alpha-olefins and nonconjugated alpha, omega-dienes. 4,551,503, 11-5-85, Cl. 525-332.100.
Lala, Louis A.; and Frenchy, James H., to American Screen Printing Equipment Company. Curing apparatus. 4,535,549, 8-20-85, Cl. 34-4.000.
Lalancette, Jean M.; Chevalier-Bultel, Jean P.; and Labonte, Normand, to Societe Nationale de l'Amiante. Calcined serpentine useful as sandblasting agent. 4,519,811, 5-28-85, Cl. 51-309.000.
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Lalanne, Bruno: *See*—
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Lalin, Hill S. Fluid sampler and gas flow control system and method. 4,532,814, 8-6-85, Cl. 73-863.030.
Lallemand, Yves: *See*—
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Lally, James J., to Health Education Publication Company, Inc. Cardio pulmonary resuscitation pressure indicator. 4,554,910, 11-26-85, Cl. 128-28.000.
LaLonde, Paul D., to Donn Incorporated. Suspension ceiling grid system. 4,492,066, 1-8-85, Cl. 52-668.000.
LaLonde, Paul D., to Donn Incorporated. Suspended ceiling with removable tee sections. 4,499,697, 2-19-85, Cl. 52-98.000.
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  Kaljee, Jan; Lalor, Leo J.; Pagani, Sergio M.; and Robinson, Frederick P. A., 4,517,441, Cl. 219-146.230.
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Lam, Do Mau, to Matra. Process and apparatus for fixing the position of a moving vehicle on a map. 4,494,200, 1-15-85, Cl. 364-449.000.
Lam, Eddie W.: *See*—
  Andersen, Ingar F.; Lutts, Timothy W.; and Lam, Eddie W., 4,502,871, Cl. 55-82.000.
Lam, Kin C.; and Williams, Ronald K., to Beckman Instruments, Inc. Multi-angle adapter for fixed angle centrifuge rotor. 4,553,955, 11-19-85, Cl. 494-16.000.
Lam, Kyle T.: *See*—
  Berwick, James D.; and Lam, Kyle T., 4,504,871, Cl. 360-31.000.
Lam, Leo K.; and Phillips, Edward, to Litton Systems, Inc. Apparatus and method for laser pumping of nuclear magnetic resonance cell. 4,525,672, 6-25-85, Cl. 324-304.000.
Lam, Ping H., to Wallace Companies, Inc., The. Modular connector and system containing the same. 4,555,158, 11-26-85, Cl. 339-99.00R.
Lam Shang Leen, Kee K., to Centre de Recherche Industrielle du Quebec. Process for the preparation of a crystalline titanoborosilicate. 4,519,998, 5-28-85, Cl. 423-277.000.
Lam, Yanta, to Meyer Manufacturing Company, Limited. Electrically heated cooking or food heating devices. 4,492,853, 1-8-85, Cl. 219-432.000.
Lama, William L.: *See*—
  Hammond, Thomas J.; and Lama, William L., 4,524,289, Cl. 307-110.000.
  Hammond, Thomas J.; Lama, William L.; Northrup, Karl A.; and Corona, Stephen C., 4,533,853, Cl. 315-117.000.
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Lamalle, Maurice: *See*—
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Laman, Robert R.: *See*—
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Lamansky, Daniel R. Nail removing hammer. 4,561,635, 12-31-85, Cl. 254-26.00R.
Lamar, Roger H.; and Davis, Robert A., to Bahnson Company, The. Controlling energy in an air-conditioning system. 4,506,514, 3-26-85, Cl. 62-91.000.
Lamarche, Jean L.: *See*—
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Lamarche nee Lechevin, Marie-Odile: *See*—
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Lamarche, Paul E., to Borg-Warner Corporation. Series spring vibration dampers. 4,530,673, 7-23-85, Cl. 464-64.000.
Lamarche, Paul E., to Borg-Warner Corporation. Friction engaging drives with ceramic materials. 4,533,032, 8-6-85, Cl. 192-107.00M.
Lamare, Charles-Louis V., to A. Ahlstrom Osakeyhtio. Method for drying aqueous, solid fuels. 4,505,211, 3-19-85, Cl. 110-346.000.
Lamatsch, Hans; and Rosen, Hans-Georg, to Siemens Aktiengesellschaft. Method of welding metal bands together. 4,529,862, 7-16-85, Cl. 219-121.0LD.
LaMattina, John L.; and Lipinski, Christopher A., to Pfizer Inc. 2-guanidino-4-heteroarylthiazoles. 4,510,313, 4-9-85, Cl. 548-194.000.
LaMattina, John L., to Pfizer Inc. 2-amino-5-hydroxy-4-methylpyrimidine derivatives. 4,554,276, 11-19-85, Cl. 514-272.000.
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Lamb, James S.; and Wimmer, Warren K., to Tektronix, Inc. Automatic processor restart circuit. 4,513,417, 4-23-85, Cl. 371-12.000.
Lamb, Joseph T., to Parks-Cramer Company. Textile yarn spinning machine with supply strand interruption. 4,506,498, 3-26-85, Cl. 57-87.000.
Lamb, Michael F.: *See*—
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Lamb, Miles P.; and Karol, Herman S., to Westinghouse Electric Corp. Driving and aligning coupling. 4,525,095, 6-25-85, Cl. 403-16.000.
Lamb, Richard H., Jr.: *See*—
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Lamb, Robert M. Apparatus for harvesting maple tree sap. 4,512,104, 4-23-85, Cl. 47-52.000.
Lamb, Robert O.: *See*—
  Pitt, John M.; Handy, Richard L.; and Lamb, Robert O., 4,494,694, Cl. 238-2.000.
Lamb, Steve R.; and Moore, Robert R. Anatomic fracture brace for the knee. 4,523,585, 6-18-85, Cl. 128-80.00C.
Lamb, Steve R.: *See*—
  Andrews, E. Trent; Lamb, Steve R.; and Moore, Robert R., 4,506,665, Cl. 128-202.270.
  Moore, Robert R.; and Lamb, Steve R., 4,526,355, Cl. 269-328.000.
Lamb Technicon Corp.: *See*—
  Brems, John H.; and Vaphiadis, John L., 4,516,504, Cl. 104-130.000.
  Faitel, William M., 4,537,087, Cl. 74-394.000.
  Faitel, William M., 4,556,141, Cl. 198-750.000.
  Graham, James T.; and Johnson, Gerald E., 4,534,460, Cl. 198-482.000.
  Johnson, Gerald E., 4,551,880, Cl. 15-302.000.
  Mason, Arthur C.; Faitel, William M.; and Haselhuhn, James M., 4,530,637, Cl. 414-750.000.
Lamb-Weston, Inc.: *See*—
  Glantz, Jerome J.; and Doenges, Michael G., 4,559,232, Cl. 426-96.000.
  Julian, John C.; Sloan, Jerry L.; and Wheeler, Lee A., 4,523,503, Cl. 83-403.000.
  Livermore, Richard S., 4,542,821, Cl. 198-822.000.
  Shroyer, David, 4,514,959, Cl. 53-428.000.
Lambach, Heinrich W., to Brdr. Schur International A/S. Folding box. 4,501,364, 2-26-85, Cl. 206-626.000.
Lambach, Heinrich W.: *See*—
  Hansen, Erik; and Lambach, Heinrich W., 4,510,733, Cl. 53-434.000.
Lambda Physik GmbH: *See*—
  Hohla, Kristian; and Albers, Ernst, 4,534,034, Cl. 372-59.000.
Lambelin, Georges E.: *See*—
  Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.
  Franz, Michel R.; Vincze, Andreas B.; Lambelin, Georges E.; and Polat, Alain V., 4,534,911, Cl. 514-575.000.
  Niebes, Paul J.; Matagne, Daniel M.; Hanon, Etienne P.; Roba, Joseph L.; and Lambelin, Georges E., 4,507,314, Cl. 514-456.000.
Lambert Brake Corporation: *See*—
  Euler, John W., 4,550,817, Cl. 192-70.230.
Lambert, Clifford L., Jr.; and Duranleau, Roger G., to Texaco Inc. Process for the preparation of formylalkanolamines. 4,510,326, 4-9-85, Cl. 564-132.000.
Lambert, Clifford L., Jr.: *See*—
  Duranleau, Roger G.; and Lambert, Clifford L., Jr., 4,529,822, Cl. 564-132.000.
Lambert, Daryl J. Pergolas. 4,541,214, 9-17-85, Cl. 52-473.000.
Lambert, Donald R., to United States of America, Energy. Rolling cuff flexible bellows. 4,540,203, 9-10-85, Cl. 285-226.000.
Lambert, Francois; and Val, Christian. Process for polymerizing thermosetting resins. 4,517,356, 5-14-85, Cl. 528-483.000.
Lambert, Gerard L.; and Saffer, Gary M., to Mattel, Inc. Powered toy vehicle with pivotable axle mounting. 4,509,931, 4-9-85, Cl. 446-462.000.
Lambert, Gerard L.: *See*—
  Saffer, Gary M.; Lambert, Gerard L.; and Stern, Howard R., 4,521,206, Cl. 446-444.000.

Lambert, Harry; and Lambert, Margaret C. Tape cassettes. 4,554,443, 11-19-85, Cl. 235-103.000.

Lambert, Jack L.; and Chiang, Yuan C., to Kansas State University Research Foundation. Colorimetric detector for formaldehyde vapor. 4,511,658, 4-16-85, Cl. 436-130.000.

Lambert, James L., to Westinghouse Electric Corp. Distributed fiber optic temperature monitoring apparatus and method. 4,508,461, 4-2-85, Cl. 374-161.000.

Lambert, Jean C.; Barre, Guy; Dejaifve, Pierre E.; and Bidan, Gerard, to Shell Oil Company. Process for the production of hydrocarbons. 4,554,292, 11-19-85, Cl. 518-728.000.

Lambert, Jean-Pierre, to Etablissements Poirier. Wheel-chair adapted to enable the patient to stand up. 4,506,930, 3-26-85, Cl. 297-423.000.

Lambert, John M.: *See—*
Blattler, Walter A.; Lambert, John M.; and Senter, Peter D., 4,542,225, Cl. 548-473.000.

Lambert, Johnny H.; Primat, Didier; Edmiston, William H.; Edmiston, Johnny J.; and Edmiston, James H., to Primlumber, Inc. Firewood sawing apparatus. 4,507,998, 4-2-85, Cl. 83-419.000.

Lambert, Joseph L.: *See—*
Bayne, Christopher J.; Lambert, Joseph L.; and Collyer, Graham E., 4,523,885, Cl. 414-156.000.

Lambert, Margaret C.: *See—*
Lambert, Harry; and Lambert, Margaret C., 4,554,443, Cl. 235-103.000.

Lambert, Phillip E. Wheeled push rake. 4,516,393, 5-14-85, Cl. 56-400.200.

Lambert, Pierre M.; and De Aguirre-Otegui, Ignacio, to Societe Carbochimique. Salts of 1,3,5-oxadiazines-2,4,6-triones, 1,3,5-oxadiazines-2,4,6-triones and the preparation thereof. 4,544,743, 10-1-85, Cl. 544-64.000.

Lambert, Robert D., to C. G. Sargent's Sons Corporation. Method and apparatus for drying materials while being conveyed. 4,490,924, 1-1-85, Cl. 34-31.000.

Lambert, Robert L.; Nagel, Judy A.; and Bergamo, Robert L., to North American Philips Consumer Electronics Corp. Positive-working photoresist composition and method for forming a light-absorbing matrix. 4,546,064, 10-8-85, Cl. 430-270.000.

Lambert, Robert W.: *See—*
Attwood, Michael R.; Hassall, Cedric H.; Lambert, Robert W.; Lawton, Geoffrey; and Redshaw, Sally, 4,512,924, Cl. 260-243.300.

Lambert, Ronald F.: *See—*
Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,514,069, Cl. 354-304.000.
Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,519,689, Cl. 354-304.000.
Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,561,745, Cl. 354-299.000.

Lambert, Scott M.: *See—*
Abbott, Vaughan; Morris, Nicholas G.; Lambert, Scott M.; and Letellier, Richard A., 4,528,015, Cl. 65-162.000.

Lambert, Teresa C. Appetite suppressant. 4,497,798, 2-5-85, Cl. 424-153.000.

Lambert, Theodore J. Flyable ball and funnel apparatus. 4,527,801, 7-9-85, Cl. 273-323.000.

Lambert, Thomas W.: *See—*
Andrews, Edward W.; and Lambert, Thomas W., 4,561,054, Cl. 364-414.000.

Lambert, William A.: *See—*
Miknyocki, Ronald J.; and Lambert, William A., 4,541,547, Cl. 221-260.000.

Lambert, Willibrordus J. S., to Honeywell Inc. Relay for a heart defibrillator. 4,494,544, 1-22-85, Cl. 128-419.00D.

Lambert, Willibrordus J. S., to Honeywell Inc. Indicating device for defibrillators. 4,506,677, 3-26-85, Cl. 128-697.000.

Lamberti, Vincent, to Lever Brothers Company. Powdered nonionic-based detergent compositions containing sodium acetate trihydrate. 4,524,013, 6-18-85, Cl. 252-174.210.

Lamberti, Vincent; and Gutierrez, Eddie N., to Lever Brothers Company. Nopol derived sulfonates. 4,530,801, 7-23-85, Cl. 260-503.000.

Lamberti, Vincent: *See—*
Gutierrez, Eddie N.; and Lamberti, Vincent, 4,528,144, Cl. 260-503.000.

Lambertson, William A. Rotary motion damping means. 4,516,667, 5-14-85, Cl. 188-82.340.

Lambertus, Friedrich, to Werner & Pfleiderer. Extruder with a cassette filter for molten plastic material. 4,511,320, 4-16-85, Cl. 425-199.000.

Lambeth, David N., to Eastman Kodak Company. Rangefinder device with focused elongated light source. 4,494,868, 1-22-85, Cl. 356-1.000.

Lambeth, David N., to Eastman Kodak Company. Image sensor and rangefinder device with background subtraction using interlaced analog shift register. 4,521,106, 6-4-85, Cl. 356-1.000.

Lambeth, David N., to Eastman Kodak Company. Rangefinder device with serial readout linear image sensor and peak detector with threshold setting means. 4,527,891, 7-9-85, Cl. 356-1.000.

Lambiris, Christos, to Kidde, Inc. Coin chute assembly operable by coins disposed in a vertical position. 4,502,584, 3-5-85, Cl. 194-1.00G.

Lamboley, Jean J., to Thomson-CSF. Self-adapting process and device for triggering a triac. 4,518,867, 5-21-85, Cl. 307-252.00B.

Lambrecht, Gerhard: *See—*
Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, 4,538,765, Cl. 241-21.000.

Lambrechts, Adriaanus L.: *See—*
Botha, Charles F.; and Lambrechts, Adriaanus L., 4,498,856, Cl. 425-331.000.

Lambrechts, Eric G. Y.; Verhoeven, Herman K. M.; and Claes, Constant J. P., to International Standard Electric Corporation. Flat article stacking and tray loading apparatus. 4,518,160, 5-21-85, Cl. 271-214.000.

Lambregts, Antonius A., to Boeing Company, The. Aircraft roll steering command system. 4,533,999, 8-6-85, Cl. 364-429.000.

Lambregts, Antonius A., to Boeing Company, The. Total energy based flight control system. 4,536,843, 8-20-85, Cl. 364-434.000.

Lambro Industries, Inc.: *See—*
Benevento, Peter J., 4,498,247, Cl. 34-82.000.

Lamby, Edward J.: *See—*
Spiro, Clifford L.; and Lamby, Edward J., 4,499,311, Cl. 568-660.000.

Lamer, Gerald P., to Marine Travelift, Inc. Hydraulic steering synchronization system. 4,531,604, 7-30-85, Cl. 180-152.000.

LaMere, Dan: *See—*
Johnston, Laverne, 4,493,324, Cl. 128-360.000.

Lamere, Jean-Claude. Method and apparatus for reproducing at least one colored surface. 4,518,234, 5-21-85, Cl. 354-20.000.

LaMers, Herbert. Label applying apparatus for automatic labeling system. 4,547,252, 10-15-85, Cl. 156-497.000.

Lameyre, Felix: *See—*
Verdenne, Serge; Brocard, Didier; Hardouin, Pierre; and Lameyre, Felix, 4,545,697, Cl. 403-230.000.

Lamipak Industries (Europe) Ltd.: *See—*
Choe, Francis S. O., 4,508,222, Cl. 206-390.000.

Lamiral, Jean P.: *See—*
Cau, Egidio; and Lamiral, Jean P., 4,525,833, Cl. 370-99.000.

Lamirande, Donald J.: *See—*
Atkins, Terrance J.; Field, Martin J.; and Lamirande, Donald J., 4,539,961, Cl. 123-468.000.
Griffin, Michael D.; Gural, John A.; and Lamirande, Donald J., 4,509,720, Cl. 251-308.000.

Lamiraux, Christian, to M.L.R. Electronique. Method of radio-position-finding through determination of phases of electromagnetic waves and receiving device for practicing the method. 4,547,777, 10-15-85, Cl. 343-394.000.

Lamitref Aluminium: *See—*
Cloostermans-Huwaert, Leon R. L. G., 4,549,420, Cl. 72-41.000.

Lamm, Bo R.: *See—*
Brandstrom, Arne E.; and Lamm, Bo R., 4,544,750, Cl. 546-290.000.

Lamm, Foster P.: *See—*
Pike, Roscoe A.; and Lamm, Foster P., 4,524,176, Cl. 525-12.000.

Lammel, Gunter: *See—*
Nagel, Erich; Huber, Leonhard; and Lammel, Gunter, 4,544,110, Cl. 242-67.10R.

Lammer, Johann; Kocher, Hans R.; and Hintermann, Hans-Erich, to Laboratoire Suisse de Recherches Horlogeres. Tribological coatings for the protection of moving machine parts from wear and corrosion. 4,522,453, 6-11-85, Cl. 308-3.00R.

Lammerich, Kurt: *See—*
Walters, William F.; Lammerich, Kurt; and Watney, John D., 4,520,746, Cl. 114-69.000.

Lammers, Arend J. W.: *See—*
Has, Peter V.; and Lammers, Arend J. W., 4,527,026, Cl. 200-78.000.

Lammert, James E.; Nichols, Charles E.; and Howard, John R., to Drackett Company, The. Push broom assembly. 4,538,318, 9-3-85, Cl. 15-171.000.

Lammler, Bernhard: *See—*
Bosshard, Andreas; and Lammler, Bernhard, 4,545,637, Cl. 339-177.00E.

Lamoine, Pierre R., to U.S. Philips Corporation. Device for safety-locking a cover of a housing of a magazine of a camera and camera in which such a device is utilized. 4,501,479, 2-26-85, Cl. 354-275.000.

Lamond, Lee T. Flexible plumbing trap. 4,516,278, 5-14-85, Cl. 4-191.000.

LaMonica, Eugene R.: *See—*
Commette, Denis S.; and LaMonica, Eugene R., 4,523,696, Cl. 222-135.000.

La Monica, Gaspare, to Samifi Babcock, S.p.A. Device for oil cooling in a compression unit and, particularly, a screw compression unit. 4,558,573, 12-17-85, Cl. 62-473.000.

La Monica, John A., Jr.: *See—*
Gonzales, Gilbert R.; and La Monica, John A., Jr., 4,527,757, Cl. 244-20.000.

Lamonica, Mark A. Pizza dough package and method of making same. 4,520,035, 5-28-85, Cl. 426-128.000.

Lamont, John S. Internal combustion engine. 4,553,385, 11-19-85, Cl. 60-39.600.

Lamont, Mary H.: *See—*
Nelson, Donald L.; and Lamont, Mary H., 4,525,544, Cl. 525-531.000.

Lamontagne, Andre. Automobile shelter. 4,495,736, 1-29-85, Cl. 52-63.000.

Lamontagne, Claude: *See—*
Resneau, Jean C.; Puyhaubert, Jean; Da Silva, Evelyne; and Lamontagne, Claude, 4,510,470, Cl. 333-142.000.

LaMontagne, Robert R., to Fargo Mfg. Company, Inc. Locking fastener. 4,505,503, 3-19-85, Cl. 292-315.000.

LaMonte, Salvatore. Attachment tool for a vacuum cleaner hose. 4,506,406, 3-26-85, Cl. 15-398.000.

- Lamoreux, Larry W. Sagittal knee test apparatus. 4,534,364, 8-13-85, Cl. 128-774.000.
- La Mori, Phillip N.; and Shih, Chien-Cheng J., to Occidental Research Corporation. Process to abate geothermal hydrogen sulfide. 4,528,169, 7-9-85, Cl. 423-231.000.
- Lamothe, Boulan, Dunogues, Duffaut, and Ribault: *See—*
  - Le Ribault, Loic P.; Donogues, Jacques P.; and Duffaut, Norbert C., 4,553,597, Cl. 166-305.00R.
- La Motte, George B., III; and Burd, Samuel, to Bio-Rad Laboratories, Inc. Dual chamber microplate washer. 4,493,896, 1-15-85, Cl. 435-287.000.
- La Motte, George B., III: *See—*
  - Coppersmith, Ward J.; and La Motte, George B., III, 4,496,657, Cl. 435-287.000.
- Lamoure, Jean F. Industrial building framework formed from prefabricated reinforced concrete elements. 4,550,536, 11-5-85, Cl. 52-91.000.
- Lamparsky, Dietmar; and Kaiser, Roman, to Givaudan Corporation. 2-methyl-2-buten-1-yl tiglate. 4,500,729, 2-19-85, Cl. 560-225.000.
- Lamparter, Richard A.; Barna, Bruce A.; and Johnsrud, David R., to Michigan Technological University, Board of Control of. Process for recovering terephthalic acid from waste polyethylene terephthalate. 4,542,239, 9-17-85, Cl. 562-487.000.
- Lampe, Donald R.: *See—*
  - Bluzer, Nathan; and Lampe, Donald R., 4,559,638, Cl. 377-60.000.
- Lampe, Guy W.: *See—*
  - Madewell, James A.; Molitor, Edwin A.; Crowe, Norman P.; Lampe, Guy W.; and Pavey, Charles F., 4,500,245, Cl. 414-108.000.
  - Molitor, Edwin A.; Crain, Edward; and Lampe, Guy W., 4,515,581, Cl. 493-183.000.
- Lampe, Jerome L.: *See—*
  - Hesford, Frank W.; Lampe, Jerome L.; and Szekeiy, Paul, 4,506,144, Cl. 219-497.000.
- Lampe, Louis F.: *See—*
  - Furst, Emanuel F.; Lampe, Louis F.; and Woods, William L., 4,499,903, Cl. 128-675.000.
- Lampe, Siegfried; Lehmann, Heinz; and Dose, Peter, to E.C.H. Will (GmbH & Co.). Apparatus for gathering writing pads or the like. 4,511,300, 4-16-85, Cl. 414-35.000.
- Lampenius, Harry, to A. Ahlstrom Osakeyhtio. Screen plate. 4,529,520, 7-16-85, Cl. 210-498.000.
- Lamperski, Heinrich; and Gerling, Paul, to Glyco Maschinenbau-GmbH. Split bearing shell. 4,540,294, 9-10-85, Cl. 384-273.000.
- Lampert, Barry: *See—*
  - Hwang, Chong S.; and Lampert, Barry, 4,496,320, Cl. 433-60.000.
- Lampert, Friedrich-Karl: *See—*
  - Luhmann, Erhard; Hoppe, Lutz; Szablikowski, Klaus; and Lampert, Friedrich-Karl, 4,517,324, Cl. 524-27.000.
- Lampert, Heinz, to Werner Looser Maschinenbau + Hydraulik. Piston-cylinder device. 4,499,813, 2-19-85, Cl. 92-31.000.
- Lamphere, Carla A.; and Spector, George. Electrically heated ice cream scoop. 4,553,921, 11-19-85, Cl. 425-279.000.
- Lampietti, Bernard P., to Torin Corporation. Spring coiling machine with improved cut-off means. 4,520,644, 6-4-85, Cl. 72-131.000.
- Lampkin, Peter R.: *See—*
  - Clarke, Herbert E.; and Lampkin, Peter R., 4,502,186, Cl. 24-16.0PB.
- Lamp'l, Thomas A.; and Eby, Randall W. Cargo handling ramp. 4,517,698, 5-21-85, Cl. 14-72.500.
- Lamppa, Reid G.: *See—*
  - Myer, William J.; and Lamppa, Reid G., 4,540,592, Cl. 426-557.000.
- Lamprey, Donald F. Elevator system. 4,529,062, 7-16-85, Cl. 187-1.00R.
- Lampson, Butler W.: *See—*
  - Schmidt, Eric E.; and Lampson, Butler W., 4,558,413, Cl. 364-300.000.
- Lampson, George P.: *See—*
  - Bertland, Alexander U.; and Lampson, George P., 4,540,669, Cl. 435-235.000.
- Lampson, Neil F., to Riggers Manufacturing Co. Counterbalanced crane structure. 4,508,232, 4-2-85, Cl. 212-178.000.
- Lamy, Jacques E.; and Serrano, Francisco de Asis M., to Compagnie Generale pour les Developpements Operationnels des Richesses sous-Marines "C.G. Doris". Floating device for hoisting and transporting loads. 4,556,004, 12-3-85, Cl. 114-61.000.
- Lamy, Jean-Michel; and Le Bail, Albert, to Regie Nationale des Usines Renault. Device for filtering out vibrations and noise. 4,492,130, 1-8-85, Cl. 74-473.00P.
- Lamy, Jean-Michel; and Boutant, Jean-Jacques, to Regie Nationale des Usines Renault. Manual gearbox ratio change control device. 4,509,384, 4-9-85, Cl. 74-473.00R.
- Lamy, Jean-Michel; and Jacquet, Joel, to Regie Nationale des Usines Renault. Automobile automatic transmission control device. 4,532,824, 8-6-85, Cl. 74-475.000.
- Lan, Yung-Huei. Film-made pump driven by the filling effect of a fluid on -filling into a chamber made of film. 4,536,136, 8-20-85, Cl. 417-389.000.
- Lancaster, Charles D.: *See—*
  - Laskey, Daniel A., 4,553,454, Cl. 81-125.000.
- Lancaster, Charles E., to Schlumberger Technology Corporation. Annular electrical contact apparatus for use in drill stem testing. 4,541,481, 9-17-85, Cl. 166-65.100.
- Lancaster, Gerald M.; and Hoenig, Stephen M., to Dow Chemical Company, The. Blown nylon film and process for the preparation thereof. 4,532,100, 7-30-85, Cl. 264-564.000.
- Lancaster, Gerald M.: *See—*
  - Vanderhider, James A.; and Lancaster, Gerald M., 4,495,081, Cl. 252-182.000.
- Lancaster, Janet M.: *See—*
  - Atkinson, Alan W.; Dearden, Katryna J.; and Lancaster, Janet M., 4,534,922, Cl. 264-119.000.
- Lancaster, Loren T., to AT&T Bell Laboratories. Integrated circuit contact technique. 4,535,532, 8-20-85, Cl. 29-576.00B.
- Lancaster, Patrick R.; and Lancaster, William G., to Lantech, Inc. Power assisted rotatable film wrapping apparatus. 4,524,568, 6-25-85, Cl. 53-556.000.
- Lancaster, Patrick R., III, to Lantech, Inc. Friction drive stretch wrapping apparatus. 4,497,159, 2-5-85, Cl. 53-556.000.
- Lancaster, Patrick R., III: *See—*
  - Lancaster, William G.; and Lancaster, Patrick R., III, 4,553,374, Cl. 53-465.000.
  - Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,503,658, Cl. 53-399.000.
  - Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,514,955, Cl. 53-64.000.
- Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, to T&N Materials Research Limited. Asbestos-free sheet material for spiral-wound gaskets. 4,529,662, 7-16-85, Cl. 428-450.000.
- Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, to T&N Materials Research Limited. Flexible, asbestos-free gasket material. 4,529,663, 7-16-85, Cl. 428-450.000.
- Lancaster, Robert A.: *See—*
  - Hargreaves, Brian; Lancaster, Robert A.; McKenzie, Noel C.; and Crabtree, John D., 4,529,653, Cl. 428-450.000.
- Lancaster, William G., to Lantech, Inc. Package sealing apparatus. 4,549,388, 10-29-85, Cl. 53-556.000.
- Lancaster, William G.; and Lancaster, Patrick R., III. Rotatable film wrapping apparatus for cylindrical loads. 4,553,374, 11-19-85, Cl. 53-465.000.
- Lancaster, William G.: *See—*
  - Lancaster, Patrick R.; and Lancaster, William G., 4,524,568, Cl. 53-556.000.
- Lance Austin Enterprises, Inc.: *See—*
  - Grimes, Fred K., 4,494,296, Cl. 29-432.000.
- Lance, Clyde E.; and Hutchison, Wanda S., to United States of America, Army. Variable optical attenuator. 4,516,827, 5-14-85, Cl. 350-96.150.
- Lance, Joseph R., to Westinghouse Electric Corp. Air motor drive for fuel cell power plant air circulator. 4,517,259, 5-14-85, Cl. 429-26.000.
- Lance, Joseph R.; and Spurrier, Francis R., to Westinghouse Electric Corp. Heated transportable fuel cell cartridges. 4,548,875, 10-22-85, Cl. 429-26.000.
- Lance, Marcel. Hand guide for painters or draftsmen. 4,558,522, 12-17-85, Cl. 33-443.000.
- Lance, Wayne E.; and Rayfield, Wilson P., to Burroughs Corporation. Demountable, modular toner-fuser assembly for electrographic print apparatus. 4,498,757, 2-12-85, Cl. 355-3.0FU.
- Lanclais, Christian L.: *See—*
  - Bonneyrat, Alain M.; and Lanclais, Christian L., 4,546,643, Cl. 73-61.10C.
- Land, Herbert K., III: *See—*
  - Ghafari, Joseph; and Land, Herbert K., III, 4,527,975, Cl. 433-8.000.
- Land Industries: *See—*
  - Rones, James M., 4,502,174, Cl. 15-98.000.
- Land O'Lakes, Inc.: *See—*
  - Gronfor, Dennis I., 4,552,774, Cl. 426-582.000.
  - Stahel, Nancy G., 4,543,264, Cl. 426-629.000.
- Land Pyrometers Limited: *See—*
  - Clay, William, 4,541,292, Cl. 73-864.550.
- Land, Ronny L.: *See—*
  - Dunn, Jimmy L.; Gilstrap, Lonnie D.; Land, Ronny L.; and Romeo, Frank C., 4,544,193, Cl. 294-86.400.
- Landa, Benzion, to Savin Corporation. Resilient-feed ball injector for microballistic printer. 4,492,300, 1-8-85, Cl. 198-443.000.
- Landa, Benzion, to Savin Corporation. Wiper blade for electrophotocopier. 4,501,486, 2-26-85, Cl. 355-15.000.
- Landa, Benzion, to Savin Corporation. Electrophotographic apparatus for increasing the apparent sensitivity of photoconductors. 4,522,484, 6-11-85, Cl. 355-3.0DD.
- Landa, Benzion, to Savin Corporation. Heater for electrophotographic copiers. 4,531,824, 7-30-85, Cl. 355-3.0FU.
- Landa, Benzion; and Sagiv, Oded, to Savin Corporation. Catalytic fixer-dryer for liquid developed electrophotocopiers. 4,538,899, 9-3-85, Cl. 355-10.000.
- Landa, Isaac: *See—*
  - Landa, Isaac J.; and Shideler, Ronald, 4,540,282, Cl. 356-328.000.
- Landa, Isaac J.; and Shideler, Ronald, to Landa, Isaac. Apparatus for optically analyzing a sample. 4,540,282, 9-10-85, Cl. 356-328.000.
- Landa, Vaclav; and Vitek, Jaromir, to Statni Vyzkumny ustav materialu. Process for the electrolytic deposition of layers of nickel alloys. 4,525,248, 6-25-85, Cl. 204-29.000.
- Landa, Vaclav; and Blazek, Zdenek, to Statni Vyzkumny ustav materialu. Anisotropic permanent magnets. 4,536,230, 8-20-85, Cl. 148-31.570.
- Landahl, Carl D.: *See—*
  - Klass, Donald L.; and Landahl, Carl D., 4,561,864, Cl. 55-16.000.
- Landefeld, James A.: *See—*
  - Hoppner, Werner F.; and Landefeld, James A., 4,556,308, Cl. 355-3.00R.

Landers, Jerry L., to SerVend International, Inc. Ice dispensing method and apparatus. 4,512,502, 4-23-85, Cl. 222-413.000.

Landers, Samuel P.: *See—*

Kaniecki, Michael; Landers, Samuel P.; and Botzman, Thomas J., 4,515,199, Cl. 152-353.00R.

Kaniecki, Michael; Landers, Samuel P.; and Botzman, Thomas J., 4,535,114, Cl. 524-364.000.

Landesman, Benjamin J.; and Landesman, David A., to Lawson Printing Machines Company, Inc. Screen printing machine and drive system therefor. 4,493,254, 1-15-85, Cl. 101-123.000.

Landesman, David A.: *See—*

Landesman, Benjamin J.; and Landesman, David A., 4,493,254, Cl. 101-123.000.

Landet, Paul-Victor: *See—*

Dreuilhe, Jacques; and Landet, Paul-Victor, 4,553,502, Cl. 122-4.00D.

Landgraf, Helmut, to Mannesmann Aktiengesellschaft. Wrapping steel pipes in a thermoplastic ribbon. 4,501,632, 2-26-85, Cl. 156-187.000.

Landgraf, Helmut; and Stucke, Walter, to Mannesmann Aktiengesellschaft. Method and device for jacketing a steel pipe with several plastic materials. 4,519,863, 5-28-85, Cl. 156-244.120.

Landgraf, Robert M.: *See—*

Evel, Eddie A.; Landgraf, Robert M.; Fischer, Walter A.; and Risley, William B., 4,529,930, Cl. 324-77.00A.

Landgraf, Scott. Apparatus for harvesting fruit or nuts. 4,545,187, 10-8-85, Cl. 56-329.000.

Landgreen, Eleanor A., to International Telephone and Telegraph Corporation. Self-locking connector. 4,552,427, 11-12-85, Cl. 339-89.00M.

Landheer, Dolf: *See—*

Maczuszenko, Andrzej; Davison, Ernest; Otter, Brian; Whittaker, Brian F.; Novak, Christopher; and Landheer, Dolf, 4,516,847, Cl. 355-3.0TR.

Plasschaert, Paul E.; Landheer, Dolf; and Cobb, Harold W., 4,514,781, Cl. 361-230.000.

Landingham, Richard L., to United States of America, Energy. Porous metallic bodies. 4,560,621, 12-24-85, Cl. 428-566.000.

Landis, Abraham L., to Hughes Aircraft Company. Isoimide containing oligomers. 4,495,342, 1-22-85, Cl. 528-125.000.

Landis, Abraham L., to Hughes Aircraft Company. Process for preparing isoimide containing oligomers. 4,496,711, 1-29-85, Cl. 528-125.000.

Landis, Dan R.: *See—*

Domin, Thomas M.; Landis, Dan R.; and Williams, Paul, 4,528,507, Cl. 324-229.000.

Landis, Donald H., to Epic Metals Corporation. Electrical distribution for metal deck construction. 4,507,900, 4-2-85, Cl. 52-221.000.

Landis, John M.: *See—*

Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,506,940, Cl. 339-17.0LC.

Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,550,960, Cl. 339-14.00R.

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Landis, Phillip S.: *See—*

Braid, Milton; and Landis, Phillip S., 4,509,956, Cl. 44-68.000.

Braid, Milton; and Landis, Phillip S., 4,536,192, Cl. 44-68.000.

Horodysky, Andrew G.; and Landis, Phillip S., 4,522,629, Cl. 44-53.000.

Horodysky, Andrew G.; and Landis, Phillip S., 4,532,057, Cl. 252-49.800.

Horodysky, Andrew G.; and Landis, Phillip S., 4,536,306, Cl. 252-32.70E.

Horodysky, Andrew G.; and Landis, Phillip S., 4,549,976, Cl. 252-49.800.

Horodysky, Andrew G.; and Landis, Phillip S., 4,555,353, Cl. 252-49.600.

Horodysky, Andrew G.; and Landis, Phillip S., 4,557,845, Cl. 252-49.900.

Landmesser, John E.: *See—*

Douglas, Alan D.; Reilly, Kenneth T.; and Landmesser, John E., 4,557,906, Cl. 423-49.000.

Landney, Michael, Jr.: *See—*

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Landoll Corporation: *See—*

Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., 4,492,507, Cl. 414-475.000.

Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., 4,556,357, Cl. 414-469.000.

Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., to Landoll Corporation. Actuator for shiftable undercarriage of tiltable trailer. 4,492,507, 1-8-85, Cl. 414-475.000.

Landoll, Donald R.; Kongs, David J.; and Belknap, Alfred R., to Landoll Corporation. Truck having articulated chassis for hauling goods. 4,556,357, 12-3-85, Cl. 414-469.000.

Landoll, Leo M., to Hercules Incorporated. Hydrophobically modified polymers. 4,529,523, 7-16-85, Cl. 252-8.55D.

Landolt, Christoph, to Georg Fischer Aktiengesellschaft. Method for the manufacture of molds using casting sand or another mixture of raw material particles. 4,546,810, 10-15-85, Cl. 164-37.000.

Landolt, George R.: *See—*

Krishnamurthy, Sowmithri; Landolt, George R.; and Schoennagel, Hans J., 4,518,708, Cl. 502-230.000.

Landon, Thomas E.: *See—*

Secrist, Duane R.; Clark, James M.; and Landon, Thomas E., 4,541,912, Cl. 204-290.00R.

Landoni, Gianluigi: *See—*

Fontanelli, Renzo; Landoni, Gianluigi; and Legnani, Giovanni, 4,504,610, Cl. 524-96.000.

Landoni, Giannino, to Meca S.a.s. di Cagnoni Landoni S.C. Process for the bidirectional feeding of fabrics in quilting machines, and a machine utilizing this process. 4,501,208, 2-26-85, Cl. 112-118.000.

Landphair, Donald K.; and Doering, James P., to Deere & Company. Socket casting with a cast-in ball and method of casting. 4,539,246, 9-3-85, Cl. 428-131.000.

Landrau, Felix A.: *See—*

Eckenhoff, James B.; Peery, John R.; and Landrau, Felix A., 4,552,561, Cl. 604-896.000.

Landre, Jean-Francois: *See—*

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Landriault, L. Steven, to Hydril Company. Joint and joint components for pipe sections subjected to axial compression loads. 4,537,428, 8-27-85, Cl. 285-333.000.

Landriault, L. Steven, to Hydril Company. Tubular connection with cylindrical and tapered stepped threads. 4,537,429, 8-27-85, Cl. 285-334.000.

Landries, Richard V.; and Ress, Robert A., Jr., to General Motors Corporation. Latch for terminal block. 4,541,036, 9-10-85, Cl. 361-426.000.

Landrum, Ralph A., Jr.: *See—*

Goodloe, Kent J.; and Landrum, Ralph A., Jr., 4,516,230, Cl. 367-190.000.

Landry, Anne D.; and Bayes, Albert L., to Kendall Company, The. Surgical gown having one-piece-belt system. 4,558,468, 12-17-85, Cl. 2-51.000.

Landry, Brian J. Transit fare box. 4,540,117, 9-10-85, Cl. 232-7.000.

Landry, Christian C.: *See—*

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Landry, Geraldine A., to GTE Products Corporation. Fluorescent lamp with homogeneous dispersion of alumina particles in phosphor layer. 4,547,700, 10-15-85, Cl. 313-487.000.

Landry, J. David: *See—*

Kellie, Truman F.; Landry, J. David; and Lai, Ching C., 4,532,723, Cl. 356-73.000.

Schoenig, Frederick C., Jr.; Landry, J. David; Walker, Edward S.; and Lai, Ching C., 4,549,662, Cl. 209-539.000.

Landry, James D.: *See—*

Schoenig, Frederick C., Jr.; and Landry, James D., 4,515,749, Cl. 376-254.000.

Landry, Vincent: *See—*

Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 4,506,846, Cl. 242-199.000.

Landry, Walter J.; and Andre, Robert T. Scroll-type gatherer and top shredder with longitudinal blades for sugar cane harvester. 4,512,142, 4-23-85, Cl. 56-13.900.

Landsberger, Kurt. Inflatable implement handle. 4,509,228, 4-9-85, Cl. 16-114.00R.

Landscheidt, Alfons, to Chemische Fabrik Stockhausen GmbH. Process for the production of 7-oxabicyclo (2.2.1)hept-5-ene derivatives. 4,555,581, 11-26-85, Cl. 549-463.000.

Landsiedel, Horst; and Plum, Hans, to Schering Aktiengesellschaft. Triorganotin acetylsalicylates and biocides containing the same. 4,514,225, 4-30-85, Cl. 106-15.050.

Landsiedel, Thomas: *See—*

Wagensonner, Eduard; Ruf, Wolfgang; and Landsiedel, Thomas, 4,558,436, Cl. 365-230.000.

Landsness, Clifford A.; and Buehrle, Thomas M., to B. F. Goodrich Company, The. Mat testing apparatus. 4,498,042, 2-5-85, Cl. 324-54.000.

Landsness, Clifford A., to B. F. Goodrich Company, The. Adjustable tire building drum. 4,547,251, 10-15-85, Cl. 156-415.000.

Landsness, Clifford A., to B. F. Goodrich Company, The. High—speed splicing system for preparing ply stock. 4,552,602, 11-12-85, Cl. 156-157.000.

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Feldt, Mats, 4,545,085, Cl. 5-81.00R.

Landstrom, Sven. Device for underwater missiles for use against submerged submarines. 4,535,696, 8-20-85, Cl. 102-380.000.

Landsverk, James B. Support apparatus. 4,535,984, 8-20-85, Cl. 272-78.000.

Landt, Harvey L., to Rockwell International Corporation. Tracking impedance measuring system. 4,506,209, 3-19-85, Cl. 324-57.00R.

Landwehr, Gunter; and Meyer, Horst, to Koch Adler AG. Sewing machine work piece turning device. 4,498,407, 2-12-85, Cl. 112-308.000.

Landwehr, Gunter, to Kochs Adler AG. Sewing machine reversible feeding mechanism. 4,512,272, 4-23-85, Cl. 112-311.000.

Landwehr, Gunter, to Kochs Adler AG. Sewing device with a sewing head including a rotary housing. 4,553,489, 11-19-85, Cl. 112-121.120.

Landwehr, Gunter: *See—*

Meyer, Horst; and Landwehr, Gunter, 4,513,675, Cl. 112-236.000.

Landwehrkamp, Hans; and Schneider, Gottfried, to Schubert & Salzer AG. Thread paraffining device employing a thread element. 4,501,221, 2-26-85, Cl. 118-78.000.

Landwehrkamp, Hans; Schneider, Gottfried; and Pohn, Johann, to Schubert & Salzer AG. Protector device for an open-end spinning apparatus. 4,505,102, 3-19-85, Cl. 57-408.000.

Landy, Jerome J. Fume hood with modular blower and filter assembly. 4,548,627, 10-22-85, Cl. 55-385.00A.

- Landy, Richard A.: *See—*
  - Kotliar, Abraham M.; Sibilia, John P.; Hughes, Ronald H.; and Landy, Richard A., 4,558,019, Cl. 501-101.000.
- Landy, Richard J.: *See—*
  - Mattson, Charles A.; and Landy, Richard J., 4,490,910, Cl. 30-276.000.
- Lane, Alan J.: *See—*
  - Jarvis, William A.; Kirby, John; Lane, Alan J.; Pokorski, John P.; and Sheffield, Wilbur L., 4,544,296, Cl. 401-73.000.
- Lane, Barry. Album with removable pages and enclosure. 4,503,974, 3-12-85, Cl. 206-457.000.
- Lane, Bennie L. Rail and cap strip for securing rubber roof membrane to a deck without fastener penetrations. 4,543,758, 10-1-85, Cl. 52-410.000.
- Lane, Byron D. Wind cap. 4,548,137, 10-22-85, Cl. 110-184.000.
- Lane, Charles S.: *See—*
  - Press, Irving D.; and Lane, Charles S., 4,548,427, Cl. 285-55.000.
- Lane, Clyde H., to United States of America, Air Force. Electrical method of making conductive paths in silicon. 4,534,100, 8-13-85, Cl. 29-586.000.
- Lane Container Company: *See—*
  - Lane, Richard J.; and Rozek, Kurt L., 4,557,379, Cl. 206-328.000.
- Lane, Edward S.; and Hill, Michael R. H., to United Kingdom Atomic Energy Authority. Electrode preparation. 4,551,358, 11-5-85, Cl. 427-126.600.
- Lane, Ernest, to American Hospital Supply Corporation. Method of leaflet attachment for prosthetic heart valves. 4,501,030, 2-26-85, Cl. 3-1.500.
- Lane, John N., to Xerox Corporation. Multiple magnification mode copying apparatus. 4,538,903, 9-3-85, Cl. 355-57.000.
- Lane, John N., to Xerox Corporation. Multiple magnification mode copying apparatus. 4,538,904, 9-3-85, Cl. 355-57.000.
- Lane, Joseph A.: *See—*
  - Hull, Robert; and Lane, Joseph A., 4,555,253, Cl. 55-170.000.
- Lane, Joseph J.; and Scanland, Joseph E., to Roper Corporation. Floating foot shield for walk-behind mower with sulky. 4,525,989, 7-2-85, Cl. 56-17.400.
- Lane, Lawrence J., to General Electric Company. Shaft voltage suppression circuit. 4,535,377, 8-13-85, Cl. 361-1.000.
- Lane, Leonard A., to Illirrie Holdings Pty Ltd. Trapeze system. 4,554,881, 11-26-85, Cl. 114-39.000.
- Lane, Lloyd L.; and Hosford, Gregory S., to Deere & Company. Power take-off lever arrangement for a tractor. 4,517,855, 5-21-85, Cl. 74-528.000.
- Lane, Lynn R.: *See—*
  - Heidel, Jeffrey C.; Hoogervorst, Thomas R.; Lane, Lynn R.; and Swartz, Harold L., 4,547,972, Cl. 33-366.000.
  - Swartz, Harold L.; Hoogervorst, Thomas R.; and Lane, Lynn R., 4,503,622, Cl. 33-366.000.
- Lane, Marvin M., to Lane, Marvin M. Electro-optical sorter. 4,558,786, 12-17-85, Cl. 209-558.000.
- Lane, Michael S.; and Scholbrock, Steven D., to AT&T Information Systems. Conferencing system adaptive signal conditioner. 4,535,445, 8-13-85, Cl. 370-62.000.
- Lane, Michael S.: *See—*
  - Costello, Peter E.; Fossett, Lawrence D.; Lane, Michael S.; Quin, Terrence T.; and Smith, Nicholas K., 4,510,351, Cl. 179-27.00D.
- Lane, Richard J.; and Rozek, Kurt L., to Lane Container Company. Circuit board package and method of manufacture. 4,557,379, 12-10-85, Cl. 206-328.000.
- Lane, Robert C.: *See—*
  - Lee, Joseph M.; and Lane, Robert C., 4,549,408, Cl. 62-320.000.
- Lane, Samuel H., Jr. Container and lid forming a disposable mold. 4,496,070, 1-29-85, Cl. 220-306.000.
- Lane, Stanley C., to Crown Zellerbach Corporation. Method of slaking lime. 4,547,349, 10-15-85, Cl. 423-164.000.
- Lane, Stephen A.: *See—*
  - Goldstein, Norman P.; and Lane, Stephen A., 4,551,298, Cl. 376-245.000.
- Lane, Thao: *See—*
  - Cohen, Albert E.; Hance, William G.; Moir, Ian; Lane, Thao; and Caussarieu, Frederic, 4,525,830, Cl. 370-60.000.
- Lane, Thomas; and Rosen, Murray, to Marine Shield Corporation. Anti-fouling coating composition, process for applying same and coating thereby obtained. 4,554,185, 11-19-85, Cl. 427-385.500.
- Lane, Thomas A.; Rosen, Murray; and Quinn, Maxie E. Marine anti-fouling coating composition. 4,497,852, 2-5-85, Cl. 427-287.000.
- Lane, Thomas A.: *See—*
  - Webb, David M.; and Lane, Thomas A., 4,511,994, Cl. 364-900.000.
- Lane, Wallace W. Modular floating structure. 4,554,883, 11-26-85, Cl. 114-266.000.
- Lane, Wendell C., Jr., to Dana Corporation. Control assembly with multi-axis mounting connection. 4,503,300, 3-5-85, Cl. 200-61.540.
- Lanerie, John. Vibratory screen separator. 4,540,485, 9-10-85, Cl. 209-323.000.
- Laney, William R.: *See—*
  - Pate, Harold T.; Laney, William R.; and Shell, Donald H., 4,495,970, Cl. 138-148.000.
- Lanfranconi, Gianmario; and Monti, Giuseppe, to Societa Cavi Pirelli S.p.A. Process for laying a submarine cable. 4,498,812, 2-12-85, Cl. 405-168.000.
- Lang Apparatebau GmbH: *See—*
  - Hoffmann, Peter; and Evers, Walter, 4,518,006, Cl. 137-218.000.
- Lang, Armin; and Knodler, Helmut, to Zahnradfabrik Friedrichshafen AG. Hydraulic steering. 4,555,975, 12-3-85, Cl. 91-417.00R.
- Lang, Armin, to Zahnradfabrik Friedrichshafen AG. Servosteering, especially for motor vehicles. 4,557,344, 12-10-85, Cl. 180-143.000.
- Lang, Erberhard: *See—*
  - Dinger, Hans; Holzhauer, Hilbert; and Lang, Erberhard, 4,522,358, Cl. 244-110.00B.
- Lang Fastener Corporation: *See—*
  - Hendry, James W., 4,555,225, Cl. 425-4.00R.
- Lang, Gerard; and Malaval, Alain, to L'Oreal. Protein derivative containing grafted ultraviolet-absorbing radicals, the process for its preparation and composition in which it is present. 4,504,644, 3-12-85, Cl. 527-201.000.
- Lang, Gerard; Maignan, Jean; Leveque, Jean-Luc; and Rasseneur, Laurent, to L'Oreal. Humectant compositions containing thiamorpholinone or a derivative thereof. 4,539,320, 9-3-85, Cl. 514-222.000.
- Lang, Gerard: *See—*
  - Jacquet, Bernard; Lang, Gerard; Malaval, Alain; Forestier, Serge; and Le Trung, Do, 4,517,174, Cl. 424-62.000.
  - Jacquet, Bernard; Lang, Gerard; and Malaval, Alain, 4,522,808, Cl. 424-59.000.
  - Shroot, Braham; Maignan, Jean; and Lang, Gerard, 4,558,069, Cl. 514-473.000.
- Lang, Gordon R.; Longstaff, Fred M.; and Lee, Chi H., to Ese Limited. Means and method for reduction of phase jitter. 4,514,855, 4-30-85, Cl. 375-97.000.
- Lang, Gordon R.; Forney, George D., Jr.; Qureshi, Shahid; Longstaff, Fred M.; and Lee, Chi H., to Ese Limited. Signal structures with data encoding/decoding for QCM modulations. 4,538,284, 8-27-85, Cl. 375-39.000.
- Lang, Gunter, to Maschinenfabrik Alfred Schmermund GmbH & Co. Packaging quality control method and apparatus. 4,553,847, 11-19-85, Cl. 356-445.000.
- Lang, Gunther; Wendel, Harald; and Konrad, Eugen, to Wella Aktiengesellschaft. Cosmetic composition based upon chitosan derivatives, new chitosan derivatives as well as processes for the production thereof. 4,528,283, 7-9-85, Cl. 514-55.000.
- Lang, Gunther; and Wajaroff, Theodor, to Wella Aktiengesellschaft. Process for the permanent deformation of hair. 4,532,950, 8-6-85, Cl. 132-7.000.
- Lang, Gusztav; Hoffmann, Armin; and Bisping, Heinz, to Hilti Aktiengesellschaft. Plastics material expansion dowel with wave-form slots. 4,518,291, 5-21-85, Cl. 411-60.000.
- Lang, Gusztav: *See—*
  - Gebauer, Ludwig; Irmscher, Hans-Jurgen; Lang, Gusztav; and Mauthe, Peter, 4,518,283, Cl. 405-260.000.
- Lang, Hans U.: *See—*
  - Andrae, Klaus; Bytzek, Max; Hutschenreuter, Elfried; and Lang, Hans U., 4,556,708, Cl. 536-57.000.
- Lang, Helmut: *See—*
  - Koerner, Hans-Gerhard; Lang, Helmut; Berthold, Rainer; Strietzel, Rainer; and Melchior, Friedrich, 4,495,851, Cl. 89-6.500.
- Lang, Helmut V.; and LeMong, Son, to BBC Brown, Boveri & Company, Limited. Feed water preheater. 4,541,366, 9-17-85, Cl. 122-441.000.
- Lang, John G., to Rotesco Inc. System for centering an elongated object within a housing. 4,527,426, 7-9-85, Cl. 73-158.000.
- Lang, John G., to Rotesco Inc. Magnetic testing device for supported objects. 4,546,316, 10-8-85, Cl. 324-262.000.
- Lang, John G.: *See—*
  - Tomaiuolo, Frank G.; and Lang, John G., 4,495,465, Cl. 324-232.000.
- Lang, Joseph H., to Xerox Corporation. Short paper path copy sheet transport system. 4,561,756, 12-31-85, Cl. 355-3.0SH.
- Lang, Kenneth: *See—*
  - Savin-Czeizler, Andrei; and Lang, Kenneth, 4,502,721, Cl. 294-1.100.
- Lang, Kevin W.: *See—*
  - Liggett, Louis G.; Lang, Kevin W.; Wyss, Clement R.; and Williams, Richard A., 4,500,553, Cl. 426-101.000.
- Lang, Kurt: *See—*
  - Stahlecker, Fritz; and Lang, Kurt, 4,558,562, Cl. 57-18.000.
- Lang, M. Robert: *See—*
  - Roizman, Bernard; and Lang, M. Robert, 4,554,159, Cl. 424-89.000.
- Lang, Manfred: *See—*
  - Spinner, Georg; Lang, Manfred; and Pautz, Anton, 4,519,670, Cl. 350-96.150.
- Lang, Michael: *See—*
  - Ferguson, Douglas M.; Owens, William M.; Lang, Michael; and Lincoln, Jay P., 4,496,045, Cl. 206-63.300.
- Lang, Paul R., to General Motors Corporation. Illuminated control knob for electric switch. 4,549,050, 10-22-85, Cl. 200-314.000.
- Lang-Ree, Nils: *See—*
  - Baker, Edward D.; Lang-Ree, Nils; and Johnson, Ralph K., 4,506,652, Cl. 126-21.00A.
- Lang, Richard D.: *See—*
  - Bolton, Theodore S.; Leech, Brad G.; and Lang, Richard D., 4,499,816, Cl. 98-40.260.
  - Bolton, Theodore S.; and Lang, Richard D., 4,555,983, Cl. 98-114.000.
- Lang, Robert L.: *See—*
  - May, Joseph R.; Petruccelli, Frank; Lang, Robert L.; and de Haan, Herman P., 4,517,231, Cl. 428-35.000.
- Lang, Roland; and Karwat, Heinz, to Linde Aktiengesellschaft. Non-precipitating regulation of ammonia content in sour gas solvent scrubbing systems. 4,515,760, 5-7-85, Cl. 423-220.000.

Lang, Siegfried: *See—*
  Straub, Ferdinand; Sanner, Axel; Seib, Karl; and Lang, Siegfried, 4,551,512, Cl. 526-264.000.

Lang, Stanley A., Jr.; and Murdock, Keith C., to American Cyanamid Company. Metal chelates of anthracene-9,10-bis-carbonylhydrazones. 4,515,954, 5-7-85, Cl. 548-109.000.

Lang, Stanley A., Jr.; Fields, Thomas L.; Wilkinson, Raymond G.; Kang, Soon M.; and Lin, Yang-I, to American Cyanamid Company. 2-amino-4'(phenylsulfonyl) acetanilides. 4,532,349, 7-30-85, Cl. 564-194.000.

Lang, Stephen C.; and Gili, Paul E., to Sanders Associates, Inc. High-power pulse generator using transmission line with spark discharge device. 4,536,723, 8-20-85, Cl. 331-127.000.

Lang, Stephen P.: *See—*
  Jacobi, Stephen F.; Haight, Robert E.; Schletzbaum, John W.; Martin, Yolanda E.; and Lang, Stephen P., 4,500,874, Cl. 340-607.000.

Lang, Thomas J.: *See—*
  Distin, Robert G., Jr.; and Lang, Thomas J., 4,552,037, Cl. 74-805.000.
  Distin, Robert G., Jr.; and Lang, Thomas J., 4,553,451, Cl. 74-805.000.
  Distin, Robert G., Jr.; Lang, Thomas J.; and Smith, David E., 4,554,846, Cl. 74-805.000.

Lang, Thomas P. Apparatus for bending thin-walled pipes. 4,543,809, 10-1-85, Cl. 72-150.000.

Lang, Tibor: *See—*
  Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.

Lang, Walter; Muller, Dieter; Muchel, Franz; Wanner, Roland; and Niesel, Peter, to Carl-Zeiss-Stiftung. Device for examining anterior sections of the eye. 4,523,821, 6-18-85, Cl. 351-214.000.

Lang, Walter H.; and Hornschu, Joachim, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Ocular eyecups for wearers of glasses. 4,523,818, 6-18-85, Cl. 350-579.000.

Lang, Warren R., to Sperry Corporation. Multi-position return to center potentiometer. 4,528,545, 7-9-85, Cl. 338-184.000.

Lang, Werner; and Kretschmer, Jurgen, to Daimler-Benz Aktiengesellschaft. Sealing connection. 4,560,189, 12-24-85, Cl. 285-158.000.

Lang, Wilhelm: *See—*
  Seiler, Ernst; and Lang, Wilhelm, 4,530,205, Cl. 57-9.000.

Lang, William G. Save-a-pump. 4,505,138, 3-19-85, Cl. 68-208.000.

Lang, Winfried: *See—*
  Griesshammer, Rudolf; Koppl, Franz; Lang, Winfried; Muhlhofer, Ernst; and Schwab, Michael, 4,515,762, Cl. 423-337.000.
  More, Anton; Lang, Winfried; Riedle, Rudolf; Straussberger, Herbert; and Streckel, Willi, 4,534,791, Cl. 75-10.00R.

Langa, John M., to RIS Irrigation Systems. Drip irrigation conduit and method of making the same. 4,541,569, 9-17-85, Cl. 239-450.000.

Langan, Ervin C.; and Christie, Howard W., to W.E.F.C.O., Inc. Seed coating composition and method. 4,493,162, 1-15-85, Cl. 47-57.600.

Langanke, Rolf: *See—*
  Molders, Werner; Langanke, Rolf; Sentinger, Egon; and Reuschenbach, Hermann, 4,513,953, Cl. 267-121.000.

Langas, Arthur, to Hartco Company. Clip wrapping tool apparatus. 4,546,528, 10-15-85, Cl. 29-243.560.

Langbein & Engelbracht GmbH & Co. KG: *See—*
  Wallstein, Dieter, 4,513,814, Cl. 165-134.00R.

Langdon, Christopher, to Board of Governors for Higher Education, State of Rhode Island, and Providence Plantations. Computerized device for pulsed potential voltammetric measurement of oxygen using a membrance covered polarographic electrode. 4,556,472, 12-3-85, Cl. 204-406.000.

Langdon, Glen G., Jr.; and Rissanen, Jorma J., to International Business Machines Corporation. Adaptive source modeling for data file compression within bounded memory. 4,494,108, 1-15-85, Cl. 340-347.0DD.

Langdon, Paul J.: *See—*
  French, Pierre B.; and Langdon, Paul J., 4,543,041, Cl. 416-183.000.

Langdon, William K., to BASF Wyandotte Corporation. Non-ionic surface-active agents coupled with carbonates or carboxylic esters. 4,504,418, 3-12-85, Cl. 260-463.000.

Langdon, William K., to BASF Wyandotte Corporation. Method for purifying reaction products containing higher-alkyl glycosides. 4,510,306, 4-9-85, Cl. 536-127.000.

Langdon, William K., to BASF Wyandotte Corporation. Acetal group-containing non-ionic surfactants. 4,519,950, 5-28-85, Cl. 260-404.000.

Lange, Alois: *See—*
  Bochinski, Rolf; Eimer, Klaus; Lange, Alois; and Nghiem, Xuan L., 4,554,965, Cl. 165-95.000.
  Bochinski, Rolf; Eimer, Klaus; Lange, Alois; and Nghiem, Xuan L., 4,556,102, Cl. 165-95.000.
  Goldberg, Gerhard; and Lange, Alois, 4,544,027, Cl. 165-95.000.

Lange, Arno; Kiehs, Karl; and Adolphi, Heinrich, to BASF Aktiengesellschaft. Substituted N-benzoyl-N-phenoxyphenylureas, the manufacture, and the use thereof for combating insects. 4,508,734, 4-2-85, Cl. 514-594.000.

Lange, Arno; Merger, Franz; Hettinger, Peter; and Adolphi, Heinrich, to BASF Aktiengesellschaft. Insecticidal carbamates. 4,537,901, 8-27-85, Cl. 514-404.000.

Lange, Arno: *See—*
  Merger, Franz; Hettinger, Peter; and Lange, Arno, 4,552,985, Cl. 568-497.000.

Lange, Bernhardt L. Convertible three ball to two ball golf ball carrying container. 4,491,221, 1-1-85, Cl. 206-315.900.

Lange, Bradley N.: *See—*
  Allred, Laurence L., Jr.; and Lange, Bradley N., 4,520,313, Cl. 324-158.00R.

Lange, Edward: *See—*
  Wojciechowski, Jerzy; Haber, Jerzy; Godziewicz, Zygmunt; and Lange, Edward, 4,506,599, Cl. 99-469.000.

Lange, Erhard: *See—*
  Dorffel, Jorg; Lange, Erhard; Otte, Werner; and Heinrich, Friedrich, 4,542,194, Cl. 525-521.000.

Lange, Francois; and Cornet, Jean, to Thomson-CSF. Protected optical disk with a free layer holder. 4,536,868, 8-20-85, Cl. 369-284.000.

Lange, Francois: *See—*
  Cornet, Jean; Lange, Francois; Le Carvennec, Francois; Lehureau, Jean-Claude; and Rascle, Roger, 4,551,733, Cl. 346-137.000.
  Rascle, Roger; and Lange, Francois, 4,500,486, Cl. 264-335.000.

Lange, Fredric A., to Interlock Structures International, Inc. Modular proscenium theatre. 4,512,117, 4-23-85, Cl. 52-6.000.

Lange, Gerd, to Gebr. Thonet GmbH. Chair having a resiliently interconnected seat and back. 4,557,521, 12-10-85, Cl. 297-285.000.

Lange, Gerhard; and Boy, Jurgen, to Siemens Aktiengesellschaft. Surge arrester with a gas-filled housing. 4,493,004, 1-8-85, Cl. 361-120.000.

Lange, Gerhard, to Siemens Aktiengesellschaft. Overload by-pass conductor with an external short circuit path. 4,493,005, 1-8-85, Cl. 361-124.000.

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Lange, Gerhard; and Angeli, Giovanni T. Process and apparatus for producing rolls of wire netting. 4,513,924, 4-30-85, Cl. 242-67.200.

Lange, Hans: *See—*
  Klose, Sigmar; Stahler, Fritz; Lange, Hans; and Kleemann, Wolfgang, 4,515,889, Cl. 435-4.000.
  Trager, Ulrich; Sojka, Bernward; and Lange, Hans, 4,492,754, Cl. 435-28.000.

Lange, Heinz; Rix, Albert; and Drogi, Dieter, to Olympia Werke AG. Method and apparatus for guiding the paper in typewriters or similar office machines. 4,500,219, 2-19-85, Cl. 400-568.000.

Lange, Heinz. Windmill rotor. 4,543,042, 9-24-85, Cl. 416-197.00A.

Lange, Henry J.: *See—*
  Kuhn, John B.; and Lange, Henry J., 4,512,414, Cl. 172-112.000.

Lange, Horst; and Pavel, Klaus, to Rhein-Nadel Maschinennadel GmbH. Device for the transport of bar-shaped workpieces, particularly sewing machine needle blanks. 4,491,167, 1-1-85, Cl. 163-1.000.

Lange, Horst, to Rhein-Nadel Maschinennadel GmbH. Method of producing sewing machine needles. 4,548,251, 10-22-85, Cl. 163-5.000.

Lange, Horst: *See—*
  Pavel, Klaus; and Lange, Horst, 4,524,815, Cl. 163-5.000.

Lange, Howard G.; and Ray, Francis M., to Zenith Electronics Corporation. Ultra precise tool forming apparatus. 4,493,166, 1-15-85, Cl. 51-100.00R.

Lange International S.A.: *See—*
  Chalmers, Edward L., II; and Everest, David C., III, 4,499,676, Cl. 36-120.000.
  Gabrielli, Andrea, 4,523,392, Cl. 36-10.000.

Lange, Lawrence K.: *See—*
  Aichelmann, Frederick J., Jr.; and Lange, Lawrence K., 4,506,364, Cl. 371-38.000.

Lange, Ludwig: *See—*
  Hinrichs, Walter; Hammer, Friedrich; and Lange, Ludwig, 4,536,938, Cl. 29-527.500.

Lange, Norbert: *See—*
  Vock, Jurgen; Pinck, Peter; Lange, Norbert; Schmalfeld, Erwin; and Petersen, Kurt-Eckard, 4,500,770, Cl. 219-121.0LK.

Lange, Paul H., Jr., to Olin Corporation. Process for making carbohydrazide. 4,496,761, 1-29-85, Cl. 564-37.000.

Lange, Peter M.: *See—*
  Herwig, Jens; Scheef, Hans-Volker; Schleppinghoff, Bernhard; and Lange, Peter M., 4,504,688, Cl. 568-697.000.
  Krimm, Heinrich; Buysch, Hans-Josef; Lange, Peter M.; and Klipper, Reinhold, 4,511,722, Cl. 548-231.000.
  Moeschler, Heinrich-Ferdinand; Golker, Christian; and Lange, Peter M., 4,552,954, Cl. 536-24.000.

Lange, Rholand E.: *See—*
  Adams, Gary V.; Ahlf, Wilbur J.; Kirchoff, George F.; and Lange, Rholand E., 4,561,675, Cl. 280-734.000.

Lange, Richard M.; and Rutter, Jerry L., to Lubrizol Corporation, The. Ester-heterocycle compositions useful as "lead paint" inhibitors in lubricants. 4,491,527, 1-1-85, Cl. 252-51.50A.

Lange, Robert E.: *See—*
  Van Doorn, Donald W.; Hawkins, James B.; Carpenter, Francis W., III; Lange, Robert E.; and Webb, Tommy W., 4,550,657, Cl. 100-43.000.

Lange, Russell C., to International Business Machines Corporation. One-device random access memory cell having enhanced capacitance. 4,542,481, 9-17-85, Cl. 365-149.000.

Lange, Russell C.: *See—*
  Field, Cheryl B.; and Lange, Russell C., 4,546,066, Cl. 430-314.000.

Lange, Wolf-Ruediger; Wessel, Anton; Bohler, Udo; Volkheimer, Klaus; Greiner, Gunter; and Islet, Peter, to Rohde & Schwarz GmbH & Co. KG. System for the automatic establishment of a shortwave telegraphy signal connection. 4,555,806, 11-26-85, Cl. 455-62.000.

Lange, Wolfgang; and Boer, G. J., to Akzo N.V. Composite body for long-term delivery of effective substances. 4,525,340, 6-25-85, Cl. 424-16.000.

- Lange, Wolfgang, to Akzona Incorporated. Process for the manufacture of flame-resistant and hydrophilic polyester fibers. 4,545,949, 10-8-85, Cl. 264-170.000.
- Lange, Wolfgang: *See—*
  - Gerlach, Klaus; Lange, Wolfgang; and Loh, Dieter, 4,549,969, Cl. 210-759.000.
- Langeiri, Michael: *See—*
  - DeGraaff, Robert; and Langeiri, Michael, 4,513,981, Cl. 280-1.11R.
- Langejan, Hendrik, to IHC Holland N.V. Floating device comprising storage holds for bulk freight, such as a hopper dredge. 4,502,405, 3-5-85, Cl. 114-26.000.
- Langel, Matthias: *See—*
  - Titz, Siegfried; Langel, Matthias; Wissinger, Waldemar; and Kurth, Josef, 4,504,210, Cl. 425-461.000.
- Langel, Rolf: *See—*
  - Thoma, Wilhelm; Langel, Rolf; Schmitz, Anton; and Schroer, Walter, 4,507,413, Cl. 524-42.000.
  - Thoma, Wilhelm; Nachtkamp, Klaus; Schroer, Walter; and Langel, Rolf, 4,543,144, Cl. 156-230.000.
- Langeluddeke, Peter: *See—*
  - Horlein, Gerhard; Schonowsky, Hubert; Bieringer, Hermann; and Langeluddeke, Peter, 4,493,731, Cl. 71-118.000.
  - Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, 4,531,969, Cl. 71-108.000.
- Langen, Herbert; Reiser, Peter; and Kenner, Erich, to J. Eberspacher. Mixture preparation for engine-independent heaters. 4,536,151, 8-20-85, Cl. 431-1.000.
- Langen, Jacobus J. Smoke house cooking. 4,549,476, 10-29-85, Cl. 99-352.000.
- Langen, Marinus J. M.; and Guttinger, Peter, to H. J. Langen & Sons Limited. Load orienting receptacles for carton loading machines. 4,509,309, 4-9-85, Cl. 53-142.000.
- Langen, Marinus J. M.; Strauss, Edgars H., deceased; and by Strauss, Leida, administrator. Handle for carrier bag and method of making handled carrier bag. 4,510,620, 4-9-85, Cl. 383-14.000.
- Langen, Marinus J. M., to H. J. Langen & Sons Limited. Bag loading machine. 4,514,957, 5-7-85, Cl. 53-252.000.
- Langen, Marinus J. M., to H. J. Langen & Sons Limited. Packaging machines. 4,514,964, 5-7-85, Cl. 53-540.000.
- Langen, Marinus J. M., to H. J. Langen & Sons Limited. Carton opening mechanism. 4,537,587, 8-27-85, Cl. 493-315.000.
- Langenau Manufacturing Company, The: *See—*
  - Strangward, William J., 4,510,786, Cl. 72-326.000.
- Langenbacher, Helmut: *See—*
  - Hess, Dieter; and Langenbacher, Helmut, 4,525,934, Cl. 34-10.000.
- Langenegger, Henrique: *See—*
  - Breitman, Daniel S.; and Langenegger, Henrique, 4,509,962, Cl. 55-306.000.
- Langenegger, Urs; Roffler, Werner; and Rutsche, Wendolin, to Embru-Werke, Mantel & Cie. Office furniture with an adjustable tabletop in modular design for setup at the work place. 4,516,509, 5-14-85, Cl. 108-147.000.
- Langenfeld, Joseph W.; and Westendorf, Neal W., to Westendorf Mfg. Co., Ltd. Adjustable tower for front end tractor loaders. 4,538,955, 9-3-85, Cl. 414-686.000.
- Langenfeld, Mathew: *See—*
  - Kraig, Leon; and Langenfeld, Mathew, 4,515,822, Cl. 426-445.000.
- Langenfeld, Wilhelm, to Didier-Werke AG. Gas flushing inlet arrangement in a metallurgical vessel and method of operation of such an arrangement. 4,522,376, 6-11-85, Cl. 266-47.000.
- Langenhagen, Rolf-Dieter: *See—*
  - Kollmeier, Hans-Joachim; and Langenhagen, Rolf-Dieter, 4,529,743, Cl. 521-112.000.
- Langenohl, Rolf; and Mestekemper, Heinz, to Rheinmetall GmbH. Blank for a sabot and process for making the same. 4,546,705, 10-15-85, Cl. 102-520.000.
- Langer, Alfred, to Nordson Corporation. Fluid pressure operated piston engine assembly. 4,550,642, 11-5-85, Cl. 91-346.000.
- Langer, Arthur W.: *See—*
  - Schulz, Donald N.; Kitano, Kissho; Burkhardt, Terry J.; and Langer, Arthur W., 4,518,757, Cl. 526-329.000.
- Langer Biomechanics Group, Inc., The: *See—*
  - Polchaninoff, Michael, 4,503,705, Cl. 73-172.000.
- Langer, Frantisek: *See—*
  - Valasek, Miloslav; Langer, Frantisek; Hradek, Jaroslav; and Seeman, Jindrich, 4,517,457, Cl. 250-239.000.
- Langer, Heimo J.: *See—*
  - Dunnavant, William R.; Langer, Heimo J.; and Sedgwick, Grant O., 4,526,219, Cl. 164-16.000.
  - Dunnavant, William R.; Gardikes, John J.; and Langer, Heimo J., 4,540,724, Cl. 523-143.000.
  - Gruber, Bruce A.; Koch, Diether; Langer, Heimo J.; and Dunnavant, William R., 4,529,771, Cl. 524-542.000.
- Langer, Heinz G., to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Insulating layer for solid fuel rocket engines. 4,552,070, 11-12-85, Cl. 102-290.000.
- Langer, Salomon: *See—*
  - Cavero, Icilio; and Langer, Salomon, 4,520,030, Cl. 514-629.000.
- Langer, Salomon Z.: *See—*
  - Cavero, Icilio; Langer, Salomon Z.; and York, Billie M., Jr., 4,515,800, Cl. 514-392.000.
- Langer, Uwe; and Brettbacher, Franz, to Voest-Alpine Aktiengesellschaft. Plant and process for hot-rolling strip or plate stock. 4,497,191, 2-5-85, Cl. 72-202.000.
- Langer, Werner: *See—*
  - Hafner, Udo; Krauss, Rudolf; and Langer, Werner, 4,527,744, Cl. 239-585.000.
- Langer, William J., to MTS Systems Corporation. Robot arm and wrist assembly. 4,496,279, 1-29-85, Cl. 414-735.000.
- Langeraar, Huibert B.; and Van Der Schoot, Alexander P. M., to Hollandse Signaalapparaten B.V. Interference suppression unit for a sonar apparatus. 4,549,286, 10-22-85, Cl. 367-97.000.
- Langerholc, John; and Halldorsson, Thorsteinn. Detection and imaging of objects in scattering media by light irradiation. 4,555,179, 11-26-85, Cl. 356-342.000.
- Langevin, Robert Z.: *See—*
  - Rehklau, George D.; Cotterill, Lee A.; and Langevin, Robert Z., 4,512,527, Cl. 242-56.00R.
- Langford, Edward A.; Neale, Reginald L.; and James, Stephen R., to PFD Limited. Tool for making hollow articles. 4,559,803, 12-24-85, Cl. 72-354.000.
- Langford, Forrest L.: *See—*
  - Therien, Robert D.; Langford, Forrest L.; Motamed, Armond; and Williams, Robert D., 4,498,761, Cl. 355-24.000.
- Langford, Nathaniel P., to Minnesota Mining and Manufacturing Company. Leather treatment. 4,539,006, 9-3-85, Cl. 8-94.10R.
- Langham, J. Michael: *See—*
  - Sellett, Andrew J.; and Langham, J. Michael, 4,545,439, Cl. 172-430.000.
- Langheck, Richard, to Wilhelm Sihn Jr. KG. Telescoping antenna with actuating gear driven cable. 4,520,365, 5-28-85, Cl. 343-903.000.
- Langheinrich, Hans: *See—*
  - Kammerer, Heinz; and Langheinrich, Hans, 4,492,925, Cl. 324-418.000.
- Langhoff, Josef; and Seipenbusch, Jurgen, to Ruhrkohle Aktiengesellschaft. Slag removal apparatus. 4,514,191, 4-30-85, Cl. 48-77.000.
- Langhoff, Joseph; Althoff, Erwin; Kolodzey, Wolfgang; and Gerhardus, Ulrich. Slag separator for a coal gasification installation. 4,508,542, 4-2-85, Cl. 48-77.000.
- Langhorst, Martin A.: *See—*
  - Prud'homme, Robert K.; Stanley, Frederick W., Jr.; and Langhorst, Martin A., 4,532,043, Cl. 210-635.000.
  - Stevens, Timothy S.; and Langhorst, Martin A., 4,519,905, Cl. 210-198.200.
- Langille, Donald S.: *See—*
  - Penterson, Craig A.; and Langille, Donald S., 4,517,904, Cl. 110-264.000.
- Langkau, John F.: *See—*
  - Clark, Albert L., 4,527,599, Cl. 140-119.000.
- Langlais, Jacques F.; and Brisset, Gilbert C., to Testut-Aequitas. Electrical measurement circuit including a low-pass filter, in particular for weighing. 4,531,600, 7-30-85, Cl. 177-185.000.
- Langlet, Weber KG: *See—*
  - Schultze, Werner; and Weber, Knut, Jr., 4,547,415, Cl. 428-36.000.
- Langley, David T., Jr. Accumulator. 4,495,543, 1-22-85, Cl. 361-301.000.
- Langley, Dennis C.; and Brekka, Thomas T., to Micro Component Technology, Inc. Apparatus for determining the alignment of leads on a body. 4,553,843, 11-19-85, Cl. 356-375.000.
- Langley, John G.: *See—*
  - Flesher, Peter; and Langley, John G., 4,537,513, Cl. 366-162.000.
- Langley, Keith W.; and Washbourn, Jack, to Westinghouse Brake and Signal Co., Ltd. Pneumatic control for braking system providing snow brake operation. 4,498,711, 2-12-85, Cl. 303-13.000.
- Langley, Lawrence W.; and Fisher, Robert L., to Kollmorgen Technologies Corporation. Toroidally wound brushless DC motor. 4,547,713, 10-15-85, Cl. 318-254.000.
- Langley, Lawrence W.: *See—*
  - Boesewetter, Chester C.; Langley, Lawrence W.; and Mabie, John H., 4,498,636, Cl. 242-1.10R.
- Langley, Marlyn: *See—*
  - Blackborow, Malcolm H.; and Langley, Marlyn, 4,547,925, Cl. 15-250.420.
- Langley, Robert C. Titanium-lead anode for use in electrolytic processes employing sulfuric acid. 4,512,866, 4-23-85, Cl. 204-290.00F.
- Langley, Robert F.: *See—*
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- Langlie, Howard; and Berg, Albert T., Jr. Electric fencer utilizing a sealed plastic housing. 4,560,827, 12-24-85, Cl. 174-52.00S.
- Langlitz, Karlheinz; and Schmitz, Gunter, to Mannesmann Aktiengesellschaft. Tiltable metallurgical converter having material carrying lines. 4,516,757, 5-14-85, Cl. 266-245.000.
- Langlitz, Karlheinz: *See—*
  - Ackermann, Wilhelm; Langlitz, Karlheinz; and Schmitz, Gunter, 4,491,074, Cl. 105-164.000.
- Langlois, Michel: *See—*
  - Ancher, Jean-Francois R.; Bourgery, Guy R.; Dostert, Philippe L.; Douzon, Colette A.; Guerret, Patrick G.; Lacour, Alain P.; and Langlois, Michel, 4,517,197, Cl. 514-376.000.
  - Bourgery, Guy R.; Douzon, Colette A.; Ancher, Jean-Francois R.; Lacour, Alain P.; Guerret, Patrick G.; Langlois, Michel; and Dostert, Phillippe L., 4,526,786, Cl. 514-240.000.
  - Lacour, Alain P.; Langlois, Michel; Jalfre, Maurice F.; and Bucher, Bernard P., 4,528,380, Cl. 548-250.000.
- Langlois, Pierre: *See—*
  - Sautereau, Michel; Nicod, Roger; and Langlois, Pierre, 4,540,844, Cl. 174-3.000.

- Langmesser, Otto J., Jr.; and Rees, Richard W. A., to General Motors Corporation. Vertical seat adjuster arrangement for vehicle seats. 4,513,937, 4-30-85, Cl. 248-394.000.
- Langmesser, Otto J., Jr.; Lock, Charles R.; and Wood, James C., to General Motors Corporation. Seat adjuster. 4,556,186, 12-3-85, Cl. 248-429.000.
- Langner, Alexander, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Bucket-wheel loader for bulk material piles. 4,549,648, 10-29-85, Cl. 198-509.000.
- Langner, Carl; Poran, Michael; and Szarka, Geza, to Concast Incorporated. Arrangement and a method for transferring products in metal processing installations. 4,518,074, 5-21-85, Cl. 198-425.000.
- Langner, Carl, to S.M.S. Concast Inc. Method and apparatus for bidirectional horizontal continuous casting. 4,540,037, 9-10-85, Cl. 164-466.000.
- Langner, Carl: *See—*
  - Poran, Michael; Langner, Carl; and Tobiasz, Chester C., 4,516,624, Cl. 164-418.000.
- Langner, Carl G., to Shell Oil Company. Subsea pipeline connection. 4,541,753, 9-17-85, Cl. 405-166.000.
- Langner, Carl G., to Shell Oil Company. Under ice pipelay apparatus and method. 4,545,139, 10-8-85, Cl. 37-197.000.
- Langner, Carl G., to Shell Oil Company. Pipelaying in artic offshore waters. 4,553,879, 11-19-85, Cl. 405-270.000.
- Langner, Carl G., to Shell Oil Company. Subsea pipeline connection. 4,558,972, 12-17-85, Cl. 405-169.000.
- Langner, Gunther O.; Pfeiffer, Hans C.; and Sturans, Maris A., to International Business Machines Corporation. Variable axis immersion lens electron beam projection system. 4,544,846, 10-1-85, Cl. 250-396.0ML.
- Langner, Roland: *See—*
  - Hopp, Rudolf; Finkelmeier, Horst; and Langner, Roland, 4,562,067, Cl. 424-59.000.
- Langpaap, Rudolf; and Wilke, Konrad, to Licentia Patent-Verwaltungs-GmbH. Oil transfer apparatus. 4,547,163, 10-15-85, Cl. 441-2.000.
- Langpaul, Josef: *See—*
  - Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.
- Langridge, Peter J.: *See—*
  - Ealovega, George D.; and Langridge, Peter J., 4,498,744, Cl. 352-89.000.
- Langrock, Donald G., to Mobil Oil Corporation. Submerged single point mooring system. 4,546,721, 10-15-85, Cl. 114-230.000.
- Langseth, Bryan: *See—*
  - Murrill, William D.; and Langseth, Bryan, 4,506,480, Cl. 52-121.000.
- Langseth, Rollin E., to AT&T Bell Laboratories. Matched filter for combating multipath fading. 4,519,084, 5-21-85, Cl. 375-14.000.
- Langston, Benny: *See—*
  - Bauer, Carl F.; Hussey, James H.; Langston, Benny; and Parikh, Niranjan M., 4,501,614, Cl. 75-257.000.
- Langston, Jimmy B.: *See—*
  - Wong, Patrick S.; Langston, Jimmy B.; and Leeper, Harold M., 4,529,398, Cl. 604-49.000.
- Langston, Metty S. K., to General Foods Corporation. Anthocyanin colorant from grape pomace. 4,500,556, 2-19-85, Cl. 426-540.000.
- Langton, Allan R.: *See—*
  - Faulconer, Mark; and Langton, Allan R., 4,523,914, Cl. 441-108.000.
  - Faulconer, Mark; and Langton, Allan R., 4,561,853, Cl. 441-106.000.
- Lanham, Albert F.; Cox, Michael G. C.; and Etheridge, Richard H., to Bryant & May Limited. Humidity resistant matches and process for the manufacture thereof. 4,540,419, 9-10-85, Cl. 44-42.000.
- Lanham Machinery Company, Inc.: *See—*
  - Lanham, William E.; and Smith, Stephen R., 4,544,352, Cl. 432-133.000.
- Lanham, Ronald N.: *See—*
  - Kupperman, David S.; and Lanham, Ronald N., 4,559,827, Cl. 73-644.000.
- Lanham, Steven M.: *See—*
  - Beaty, Larry E.; and Lanham, Steven M., 4,511,651, Cl. 435-15.000.
- Lanham, William E.; and Smith, Stephen R., to Lanham Machinery Company, Inc. Baking oven with heated air distribution. 4,544,352, 10-1-85, Cl. 432-133.000.
- Lani, Giuseppe: *See—*
  - Martelli, Daniele; and Lani, Giuseppe, 4,535,267, Cl. 313-481.000.
- Lanier Business Products, Inc.: *See—*
  - Bolick, Fred C., Jr.; and Plunkett, Luther C., Jr., 4,515,995, Cl. 179-6.130.
  - Bolick, Fred C., Jr., 4,519,009, Cl. 360-92.000.
  - Plunkett, Luther C., Jr., 4,500,753, Cl. 179-6.030.
  - Young, Jeffrey E., 4,510,539, Cl. 360-92.000.
- Lanier, Jack K. Foot warmer. 4,495,935, 1-29-85, Cl. 126-204.000.
- Lanier, John. Apparatus for moving a wheelchair into and out of an automobile. 4,544,321, 10-1-85, Cl. 414-542.000.
- Lanier, John H.: *See—*
  - Carbeau, Richard W.; Martin, James F.; Lanier, John H.; and Holt, William L., 4,520,741, Cl. 110-344.000.
- Lanier, William D., to City of Albany, Georgia. Sewer cleaner apparatus. 4,559,960, 12-24-85, Cl. 134-166.00C.
- Lanigan, John J., Sr.; Glickman, Myron; George, Thazhuthekudiyil V.; and Ermel, Bernard A., to Mi-Jack Products, Inc. Grappler system for lifting apparatus. 4,546,891, 10-15-85, Cl. 212-221.000.
- Lanka, Richard I. Lock device for chain driven vehicles. 4,524,591, 6-25-85, Cl. 70-236.000.
- Lankard, David R., to Ribbon Technology, Inc. Highly wear-resistant steel fiber reinforced concrete tiles. 4,513,040, 4-23-85, Cl. 428-49.000.
- Lankard, David R.; and Shoop, James D., to Diebold, Incorporated. Burglary resistant steel fiber reinforced concrete construction for vault walls and doors and manufacture thereof. 4,559,881, 12-24-85, Cl. 109-83.000.
- Lankard, John R., Sr.: *See—*
  - Brannon, James H.; and Lankard, John R., Sr., 4,508,749, Cl. 427-43.100.
- Lankford, Frank L., Jr.: *See—*
  - Rome, Gerald F.; and Lankford, Frank L., Jr., 4,524,952, Cl. 254-269.000.
- Lanko, Vladimir V.: *See—*
  - Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.
- Lankton, Gordon B., to Nypro Inc. Manufacture and use of closely spaced attachments. 4,534,464, 8-13-85, Cl. 206-343.000.
- Lannen Tehtaat Oy: *See—*
  - Lehtinen, Jouko; and Saarinen, Kari, 4,530,383, Cl. 141-71.000.
- Lanner, Helmut F., to Sjolin, Conny. Profile rail for the fastening of flexible sheet-like structures. 4,526,218, 7-2-85, Cl. 160-374.100.
- Lanner, Michael; and Coffey, Cynthia L., to Beth Israel Hospital Association, The. Animal cage insert and convertible animal cage. 4,524,721, 6-25-85, Cl. 119-17.000.
- Lanning, Frederick E., to International Business Machines Corporation. Depository apparatus with sequential stacking. 4,512,263, 4-23-85, Cl. 109-66.000.
- Lansbergen, Gabriel J. T., to Lever Brothers Company. Water-in-oil emulsions. 4,521,440, 6-4-85, Cl. 426-602.000.
- Lansdale, Willie: *See—*
  - Laemmle, Joseph T.; Bohaychick, John; and Lansdale, Willie, 4,522,250, Cl. 164-472.000.
- Lansdown, Anthony R., to University College of Swansea, The. Use of a hydraulic squeeze film to lubricate the strand in continuous casting. 4,544,017, 10-1-85, Cl. 164-472.000.
- Lansing, Fikry L., to United States of America, National Aeronautics and Space Administration. Stable density stratification solar pond. 4,512,332, 4-23-85, Cl. 126-415.000.
- Lansinger, Jere R.; Dorr, George D.; and Farago, Paul L., to Chrysler Corporation. Self-adjusting shift indicator for automatic transmission. 4,550,675, 11-5-85, Cl. 116-28.100.
- Lantaires, Jacques: *See—*
  - Roche, Georges; and Lantaires, Jacques, 4,530,152, Cl. 29-588.000.
- Lantech, Inc.: *See—*
  - Lancaster, Patrick R.; and Lancaster, William G., 4,524,568, Cl. 53-556.000.
  - Lancaster, Patrick R., III, 4,497,159, Cl. 53-556.000.
  - Lancaster, William G., 4,549,388, Cl. 53-556.000.
  - Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,503,658, Cl. 53-399.000.
  - Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,514,955, Cl. 53-64.000.
- Lantz, George H. Stepped flotation apparatus. 4,528,931, 7-16-85, Cl. 114-288.000.
- Lantzsch, Reinhard: *See—*
  - Bonse, Gerhard; Lantzsch, Reinhard; Dorr, Henning; Kreiss, Wolfgang; Dickore, Karlfried; Ditgens, Klaus; and Kranz, Eckart, 4,524,205, Cl. 544-223.000.
- Lanuzzi, Max: *See—*
  - Votteler, Arno; Lanuzzi, Max; Dubach, Fredi; and Schreiner, Herbert, 4,553,483, Cl. 108-4.000.
- Lanyi, William D.; and Clements, Jack W., to Westinghouse Electric Corp. Plural computer control for shared laser machining. 4,547,855, 10-15-85, Cl. 364-474.000.
- Lanz, Andres: *See—*
  - Weil, Wolfgang; Lanz, Andres; Vogt, Max; Meier, Paul; Kaul, Martin; and Fankhauser, Hanspeter, 4,493,962, Cl. 219-64.000.
- Lanz, Martin: *See—*
  - Bednorz, Johannes G.; Hollis, Ralph L., Jr.; Lanz, Martin; Pohl, Wolfgang D.; and Yeack-Scranton, Celia E., 4,520,570, Cl. 33-180.00R.
- Laor, Herzl. Piezoelectric apparatus for positioning optical fibers. 4,512,036, 4-16-85, Cl. 455-612.000.
- Laor, Herzl. Piezoelectric apparatus for positioning optical fibers. 4,543,663, 9-24-85, Cl. 455-600.000.
- Lapatovich, Walter P.; and Gibbs, George R., to GTE Automatic Electric Laboratories Incorporated. Mercury-free discharge lamp. 4,492,898, 1-8-85, Cl. 315-248.000.
- Lapatovich, Walter P.: *See—*
  - Proud, Joseph M.; and Lapatovich, Walter P., 4,495,435, Cl. 313-231.310.
- Lapautre, Michel A.: *See—*
  - Schlegel, Raymond F.; Bourassin, Rene P.; and Lapautre, Michel A., 4,508,530, Cl. 494-49.000.
- Lapedes, Richard W.; and Veghte, James H., to Lion Uniform, Inc. Apparel liner. 4,502,153, 3-5-85, Cl. 2-81.000.
- Lapetina, Robert A.; and Jones, Howard P., to Edo Western Corporation. Method and apparatus for detecting the presence of liquid. 4,540,981, 9-10-85, Cl. 340-618.000.

Lapeyre, Fernand S. Multi-speed transmission for BMX bicycles and the like. 4,501,575, 2-26-85, Cl. 474-74.000.

Lapeyre, James M., to Laitram Corporation, The. Method and system of aerial surveying. 4,497,551, 2-5-85, Cl. 354-67.000.

Lapeyre, James M., to Laitram Corporation, The. Stair having alternate half treads. 4,509,617, 4-9-85, Cl. 182-93.000.

Lapeyre, James M., to Laitram Corporation, The. Unitary stairway. 4,535,871, 8-20-85, Cl. 182-93.000.

Lapeyre, James M. Internal combustion engine. 4,543,917, 10-1-85, Cl. 123-51.00B.

Lapeyre, James M., to Laitram Corporation, The. Computer keyboards with few keys designating hundreds of functions. 4,547,860, 10-15-85, Cl. 364-709.000.

Lapeyre, James M., to Laitram Corporation, The. Single hand, single finger stroke alphameric data processing keyboard system. 4,549,279, 10-22-85, Cl. 364-709.000.

Lapeyre, James M., to Laitram Corporation, The. Hermetically sealed valve. 4,552,177, 11-12-85, Cl. 137-625.280.

Lapeyre, James M., to Laitram Corporation, The. Lightweight modular conveyor belt. 4,556,142, 12-3-85, Cl. 198-822.000.

Lapeyre, Paul: *See—*

Bosquain, Maurice; Grenier, Maurice; Hay, Leon; Lapeyre, Paul; Lehman, Jean-Yves; Petit, Pierre; and Sauty, Pierre, 4,541,851, Cl. 55-208.000.

Lapidot, Heine: *See—*

Ward, William J., III; Ritzer, Alan; and Lapidot, Heine, 4,554,370, Cl. 556-472.000.

Lapidus, Herbert, to Combe Incorporated. Dental adhesive device and method of producing same. 4,503,116, 3-5-85, Cl. 428-286.000.

LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Steven S., to Mobil Oil Corporation. Catalytic dewaxing process with zeolite beta. 4,501,926, 2-26-85, Cl. 585-739.000.

LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Stephen S., to Mobil Oil Corporation. Hydrotreating/isomerization process to produce low pour point distillate fuels and lubricating oil stocks. 4,518,485, 5-21-85, Cl. 208-89.000.

LaPierre, Rene B.; and Partridge, Randall D., to Mobil Oil Corporation. Shape selective dewaxing using coke modified large pore zeolites. 4,541,919, 9-17-85, Cl. 208-111.000.

Laping, Karlheinz: *See—*

Humbert, Heiko; and Laping, Karlheinz, 4,556,736, Cl. 564-204.000.

Lapinoja, Lonnie L., to General Signal Corporation. Retainer for a replaceable valve seat. 4,519,583, 5-28-85, Cl. 251-328.000.

Lapka, Galen G.: *See—*

Riley, Thomas C., Jr.; Tharp, Charles P.; and Lapka, Galen G., 4,551,148, Cl. 604-890.000.

Lapke, James A.; and Schmelzle, Carl W., to Allied Corporation. Electrical connector including a make-before-break switch arrangement. 4,559,421, 12-17-85, Cl. 200-51.100.

LaPlanche, Michel: *See—*

Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, 4,500,272, Cl. 425-78.000.

Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, 4,500,280, Cl. 425-569.000.

Laplante, Gilbert, to Compagnie Francaise d'Enterprises Metalliques. Propulsive-force jack installation for producing the continuous movement of an oblong object in the direction of its axis, and/or for moving an element along said object. 4,535,971, 8-20-85, Cl. 254-108.000.

LaPointe, Gary S.: *See—*

Cerankowski, Leon D.; LaPointe, Gary S.; and Mattucci, Neil C., 4,496,651, Cl. 430-490.000.

LaPointe, Raymond L.; and Olmsted, John D., to Stelco Inc. Methods and apparatus for making prevailing torque nuts. 4,549,269, 10-22-85, Cl. 364-472.000.

Lapointe, Wildy. Animated puzzle block game. 4,508,348, 4-2-85, Cl. 273-157.00R.

LaPorta, Phil, Jr. Athletic shoulder pad. 4,547,905, 10-22-85, Cl. 2-2.000.

Laporte, Dorothy: *See—*

Rahn, Melanie H.; and Braun, Jane E., 4,556,390, Cl. 434-433.000.

Laporte Industries Limited: *See—*

Robinson, Michael, 4,519,987, Cl. 423-60.000.

Laporte, Philippe; and Peccoud, Louise, to Commissariat a l'Energie Atomique. Enclosure for the treatment, and particularly for the etching of substrates by the reactive plasma method. 4,491,496, 1-1-85, Cl. 156-345.000.

Lapp, Theodore R.: *See—*

Kaiser, Fredrick P.; and Lapp, Theodore R., 4,527,247, Cl. 364-550.000.

Lapple, Arnulf R.; and Nicopoulos, Alex, to Ciba-Geigy Corporation. Liquid preparation of cationic dye mixture containing aliphatic carboxylic acid for black dyeing. 4,536,185, 8-20-85, Cl. 8-527.000.

Lapple, Arnulf R.: *See—*

Erzinger, Paul; and Lapple, Arnulf R., 4,508,536, Cl. 8-639.000.

Lappos, Nicholas D.: *See—*

Zagranski, Raymond D.; Howlett, James J.; and Lappos, Nicholas D., 4,500,966, Cl. 364-432.000.

Lapraik, Scott J.; and Becker, Wayne A., to GTE Products Corporation. Electrical connector. 4,553,803, 11-19-85, Cl. 339-74.00R.

Lapraik, Scott J.; and Becker, Wayne A., to GTE Products Corporation. Electrical connector. 4,553,804, 11-19-85, Cl. 339-74.00R.

Lapshansky, John F. Pivotable multiple socket. 4,538,847, 9-3-85, Cl. 294-51.000.

Lapsker, Irving: *See—*

Cerny, Frank T.; and Lapsker, Irving, 4,501,347, Cl. 188-250.00G.

La Quey, Robert E.: *See—*

DeForest, Sherman E.; Bolz, Gunner; and La Quey, Robert E., 4,502,075, Cl. 358-93.000.

Laramee, Joseph M. Gasoline preheater. 4,527,533, 7-9-85, Cl. 123-557.000.

Laramie, Roland A. Extendable support. 4,496,123, 1-29-85, Cl. 248-121.000.

Laramore, Larry W. Plank-type building system. 4,512,131, 4-23-85, Cl. 52-586.000.

Larbot, Andre: *See—*

Alary, Jean-Andre; Cot, Louis; Gugliermotte, Francis; Larbot, Andre; and Guizard, Christian, 4,562,021, Cl. 264-43.000.

L'Archer, Germain. Woodworking press. 4,509,572, 4-9-85, Cl. 144-84.000.

Lardellier, Alain M. J., to S.N.E.C.M.A. Adjustment system of centering a turbomachine wheel and mounted turbomachine by way of permitting the application of said system. 4,548,546, 10-22-85, Cl. 415-133.000.

Lardellier, Alain M. J.: *See—*

Kervistin, Robert; Lardellier, Alain M. J.; Mazeaud, Georges; and Crozet, Francois E. G., 4,500,143, Cl. 384-467.000.

Larden, Bent: *See—*

Jensen, Niels D.; Nielsen, Kurt F.; and Larden, Bent, 4,518,318, Cl. 417-53.000.

Lardner, George S.; and TenBarge, John S., to Halkey-Roberts Corporation. Filling an air venting closure. 4,505,312, 3-19-85, Cl. 141-326.000.

Lardner, Graham G., to Unipart Group Limited. Heat exchangers. 4,534,407, 8-13-85, Cl. 165-81.000.

Lardner, Graham G., to Unipart Group Limited. Motor vehicle oil cooler. 4,553,586, 11-19-85, Cl. 165-76.000.

Lardon, Daniel R. Question and answer board game. 4,557,485, 12-10-85, Cl. 273-249.000.

Lare, Paul J.: *See—*

Rowe, Russell H., Jr.; Lare, Paul J.; and Hahn, Henry, 4,542,539, Cl. 623-16.000.

Lareau, John P.: *See—*

Comeau, Joseph H.; Kowles, Joseph E.; Lareau, John P.; Mayo, Kenneth R.; and Runde, Herbert A., 4,493,155, Cl. 33-366.000.

Kuljis, Zoran; Lareau, John P.; and Brook, Mark V., 4,509,369, Cl. 73-628.000.

Lareau, Mary R., to Beecham Inc. Liquid detergent fabric conditioning compositions. 4,547,300, 10-15-85, Cl. 252-8.800.

Lares, Joseph P.; and Cowell, Mark, to Lares Research. Dental handpiece. 4,521,189, 6-4-85, Cl. 433-84.000.

Lares, Joseph P., to Lares Research. Swivel dental handpiece. 4,534,734, 8-13-85, Cl. 433-126.000.

Lares Research: *See—*

Lares, Joseph P.; and Cowell, Mark, 4,521,189, Cl. 433-84.000.

Lares, Joseph P., 4,534,734, Cl. 433-126.000.

Larew, Eugene T. Salt impregnated fishing lure. 4,530,179, 7-23-85, Cl. 43-42.060.

Large, Donald M.: *See—*

Beltz, Richard K.; and Large, Donald M., 4,498,451, Cl. 125-23.00R.

Beltz, Richard K.; and Large, Donald M., 4,531,277, Cl. 29-466.000.

Large, George B.; and Buren, Lawrence L., to Stauffer Chemical Company. Phosphonium salts of N-phosphonomethylglycine and their use as herbicides and plant growth regulants. 4,525,202, 6-25-85, Cl. 71-86.000.

Large, Jean-Francois: *See—*

Dreuilhe, Jacques; Puff, Roger; Kita, Jean-Claude; and Large, Jean-Francois, 4,542,716, Cl. 122-4.00D.

Large, Michael S.: *See—*

Yellin, Tobias O.; Gilman, David J.; Edwards, Philip N.; Large, Michael S.; Jones, Derrick F.; and Oldham, Keith, 4,496,571, Cl. 514-340.000.

Large, Scott F.; and Metcalf, Bruce D., to Mitre Corporation, The. Fiber optic bidirectional wavelength division multiplexer/demultiplexer with total and/or partial redundancy. 4,522,462, 6-11-85, Cl. 350-96.190.

Largen, Elbert M. Extractor drum balancer. 4,528,827, 7-16-85, Cl. 68-23.200.

Largent, William J.: *See—*

White, Kenneth B.; and Largent, William J., 4,542,163, Cl. 521-105.000.

Largeteau, Pierre A., to Societe Anonyme Automobiles Citroen; and Societe Anonyme Automobiles Peugeot. Grinding machine. 4,516,359, 5-14-85, Cl. 51-349.000.

Larigaldie, Serge; and Labaune, Gerard, to Office National d'Etudes et de Recherches Aerospatiales. Ignition method and igniter device for igniting carburated gaseous mixtures. 4,525,140, 6-25-85, Cl. 431-258.000.

Larigaldie, Serge: *See—*

Boulay, Jean-Louis; Larigaldie, Serge; and Reibaud, Jean-Louis, 4,531,691, Cl. 244-1.00A.

Taillet, Joseph; and Larigaldie, Serge, 4,544,382, Cl. 55-107.000.

Larikka, Leo, to G.A. Serlachius Oy. Apparatus for making a hole and a hole-surrounding collar in the side of a pipe. 4,503,693, 3-12-85, Cl. 72-71.000.

Larimore, Franklin C., to Minnesota Mining and Manufacturing Company. Peripherally supported package for adhesive-surfaced articles. 4,505,770, 3-19-85, Cl. 156-235.000.

Larinoff, Michael W., to Hudson Products Corporation. Air-cooled, vacuum steam condenser. 4,518,035, 5-21-85, Cl. 165-101.000.
Larizza, Pietro, to Larizza & Scuratti s.d.f. Instrument for writing and drawing with pivotable cover. 4,518,273, 5-21-85, Cl. 401-98.000.
Larizza & Scuratti s.d.f.: *See—*
Larizza, Pietro, 4,518,273, Cl. 401-98.000.
Larjo'a, Jaakko. Energy converter. 4,558,228, 12-10-85, Cl. 290-52.000.
Lark, Russell D.: *See—*
Corley, John E.; Andert, Charles M.; Geen, Joseph H.; Wells, Wesley G.; and Lark, Russell D., 4,530,625, Cl. 408-14.000.
Larker, Hans; and Tegman, Ragnar, to ASEA Aktiebolag. Method of preparing spent nuclear fuel rods for long-term storage. 4,491,540, 1-1-85, Cl. 252-628.000.
Larker, Hans: *See—*
Adlerborn, Jan; Larker, Hans; and Nilsson, Jan, 4,505,871, Cl. 264-325.000.
Larkey, John T.: *See—*
Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.
Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,543,156, Cl. 162-101.000.
Larkin, John M.; Yeakey, Ernest L.; and Watts, Lewis W., Jr., to Texaco Inc. Aminopolyols from sugars. 4,540,821, 9-10-85, Cl. 564-473.000.
Larkin, John M., to Texaco Inc. Stabilized hydrogenation catalyst and method of forming the catalyst. 4,552,862, 11-12-85, Cl. 502-306.000.
Larkin, Mark E.; and Knox, Kenneth H., to Abbott Laboratories. Port structure for I.V. container. 4,523,691, 6-18-85, Cl. 220-266.000.
Larkin, Mark E.; and Meyer, Leonard J., to Abbott Laboratories. Flexible container with integral ports and diaphragm. 4,547,900, 10-15-85, Cl. 383-5.000.
Larkin, Mark E., to Abbott Laboratories. Dual compartmented container with activating means. 4,548,606, 10-22-85, Cl. 604-414.000.
Larkin, William A., to M&T Chemicals Inc. Non-toxic organotin stabilizers for vinyl chloride polymers. 4,496,490, 1-29-85, Cl. 260-429.700.
Larkin, William J. Anti-reverse siphon solar heating system. 4,519,383, 5-28-85, Cl. 126-430.000.
Larkins, Bruce T., to DeSoto, Inc. Fireplace screen. 4,512,330, 4-23-85, Cl. 126-139.000.
Larkins, David N., to Ampex Corporation. Synchronous programmable parallel-to-serial data converter and a programmable longitudinal time code generator utilizing the converter. 4,532,557, 7-30-85, Cl. 360-33.100.
Larko, Robert C.: *See—*
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Larner, Donald A., to Fluid Devices Limited. Pressure transducer. 4,523,476, 6-18-85, Cl. 73-744.000.
Larner, Donald A., to Fluid Devices Limited. Fluid-flow transducer. 4,552,027, 11-12-85, Cl. 73-861.530.
Larnerd, John D.: *See—*
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LaRocca, William J.: *See—*
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Kwiatkowski, Keith A.; Fernandez, John E.; and LaRocca, William J., 4,541,300, Cl. 74-476.000.
Laroche, Michel C. F.: *See—*
Cattaneo, Christian J.; Derouet, Patrick R. J.; and Laroche, Michel C. F., 4,508,295, Cl. 244-134.00A.
Laroche, Pierre: *See—*
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Larock, Richard C., to Iowa State University Research Foundation, Inc. Synthesis of thiophene-containing prostaglandin endoperoxide analogs. 4,520,207, 5-28-85, Cl. 549-79.000.
Larock, Richard C., to Iowa State University Research Foundation, Inc. Synthesis of bicyclic and tricyclic 7-oxa prostaglandin endoperoxide analogs via oxypalladation of norbornadiene. 4,535,179, 8-13-85, Cl. 560-117.000.
Larom, Dov; and Shahar, Gabriel, to Ellar B.M. Speed limiting device of engine and/or vehicle. 4,559,912, 12-24-85, Cl. 123-350.000.
LaRos Equipment Company: *See—*
Brule, Paul L., 4,541,531, Cl. 209-664.000.
LaRosa, John; and Panipinto, David C., to American Can Company. Undercut punch to control ironing. 4,534,201, 8-13-85, Cl. 72-348.000.
LaRossa, Denise D.; Thunberg, Allen L.; Norton, Gary E.; and Dappen, Glen M., to Eastman Kodak Company. Analytical element and method for alkaline phosphatase assay. 4,555,484, 11-26-85, Cl. 435-21.000.
LaRou, Albert M.; and Atteberry, Eldon A., to Emerson Electric Co. Shaft locking device for bearing assemblies. 4,537,519, 8-27-85, Cl. 384-478.000.
Larouche, Claude: *See—*
Dallaire, Remy; and Larouche, Claude, 4,512,582, Cl. 273-158.000.
Larrauri, Jose M.; Arias, Beairit C.; and Galiasso, Roberto E., to Intevep, S.A. Hydrocracking with treated bauxite or laterite. 4,508,616, 4-2-85, Cl. 208-111.000.
Larribe, Andre P., to Societe Nationale Industrielle et Aerospatiale. Apparatus for draping layers of composite materials. 4,549,864, 10-29-85, Cl. 425-145.000.
Larriere, Jean-Francois: *See—*
Fillod, Maurice; and Larriere, Jean-Francois, 4,545,475, Cl. 194-1.00B.
Larriva, R. Marion. Condensing apparatus and method. 4,490,993, 1-1-85, Cl. 62-304.000.
Larrive, Christopher, to Pirelli General plc. Manufacture of insulated electric cables. 4,492,662, 1-8-85, Cl. 264-40.100.
Larronde, Michael L.; and Hoos, Robert G., to NL Industries, Inc. Valve latch device for drilling fluid telemetry systems. 4,531,579, 7-30-85, Cl. 166-66.000.
Larsen, Arthur B.: *See—*
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Larsen, Donald R. Water sprinkling apparatus. 4,509,686, 4-9-85, Cl. 239-239.000.
Larsen, E. Richard: *See—*
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Larsen, Erik A. Drive mechanism for a lapping machine or the like. 4,525,954, 7-2-85, Cl. 51-58.000.
Larsen, Erik R., to F. L. Smidth & Co. Device for raking a storage heap. 4,540,085, 9-10-85, Cl. 198-519.000.
Larsen, Fred L., to Coulter Electronics, Inc. Reagent for combined diluting and lysing whole blood. 4,529,705, 7-16-85, Cl. 436-17.000.
Larsen, Fred L.: *See—*
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Larsen, Grant: *See—*
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Larsen, Hans-Ole, to Mia Lens Production A/S. Preparation of hydrogel for soft contact lens with water displaceable boric acid ester. 4,495,313, 1-22-85, Cl. 523-106.000.
Larsen, Howard M., to Homac Mfg. Company. Method and apparatus for friction welding. 4,552,609, 11-12-85, Cl. 156-358.000.
Larsen, John F.: *See—*
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Larsen, Laurits A. B., to Dansk Industri Syndikat A/S. Plant for the production of vertically divided flaskless casting moulds and including equipment for pattern board exchange. 4,541,476, 9-17-85, Cl. 164-182.000.
Larsen, Leif G. Thread measuring tool. 4,519,144, 5-28-85, Cl. 33-199.00R.
Larsen, Leif U., to Husqvarna Aktiebolag. Looptaker mechanism. 4,523,534, 6-18-85, Cl. 112-231.000.
Larsen, Marian: *See—*
Good, Jack E., 4,550,839, Cl. 211-189.000.
Larsen, Ole F. Method of producing and laying a barrier structure. 4,541,751, 9-17-85, Cl. 405-15.000.
Larsen, Poul K.: *See—*
Haisma, Jan; Larsen, Poul K.; De Jong, Tim; Van der Veen, Johannes F.; Douma, Willem A. S.; and Saris, Frans W., 4,554,030, Cl. 148-175.000.
Larsen, Raymond D.: *See—*
Lawrence, Larry D.; Sudweeks, Walter B.; and Larsen, Raymond D., 4,526,633, Cl. 149-109.600.
Larsen, Richard R., to Pacific Scientific Company. Automatic bellows welder and method for using same. 4,496,097, 1-29-85, Cl. 228-212.000.
Larsen, Richard R., to Pacific Scientific Company. Automatic bellows welder and method for using same. 4,500,026, 2-19-85, Cl. 228-44.10R.
Larsen, Robert H.; and Odermann, Charles R., to Singer Company, The. Anti-jam thrust washer for sewing machine looptaker. 4,506,614, 3-26-85, Cl. 112-228.000.
Larsen, Robert H.: *See—*
Giaimo, Anthony; Larsen, Robert H.; and Rodda, Donald, 4,545,311, Cl. 112-254.000.
Larsen, Theodore E.; and Juaire, Michael P., to Detector Electronics Corporation. Smoke and flame detector. 4,547,673, 10-15-85, Cl. 250-554.000.
Larsen, Verlyn N., to Design Concepts, Inc. Hanging devices for pictures and the like. 4,496,128, 1-29-85, Cl. 248-496.000.
Larsen, Walter L. Clip-type hook fastening device. 4,553,294, 11-19-85, Cl. 24-489.000.
Larsen, William: *See—*
McCollum, William A.; and Larsen, William, 4,539,842, Cl. 73-168.000.
Larson, Allan B.: *See—*
Trechsel, Hans W.; Larson, Allan B.; and Ryerse, John A., 4,508,148, Cl. 141-147.000.
Larson, Bernard J.; and Yip, James K., to Eaton Corporation. Closed-center controller for use with unequal area cylinder. 4,558,720, 12-17-85, Cl. 137-625.240.
Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, to Dysan Corporation. Removable disk cartridge. 4,532,564, 7-30-85, Cl. 360-97.000.
Larson, Bert R.; and Wartenbergh, Robert P., to Dysan Corporation. Removable disk cartridge with improved hub locking mechanism. 4,550,355, 10-29-85, Cl. 360-133.000.
Larson, Bradley W., to Mead Corporation, The. Bottom level sheet feeding apparatus. 4,555,103, 11-26-85, Cl. 271-35.000.
Larson, Brian R., to Sperry Corporation. M out of N code checker circuit. 4,498,177, 2-5-85, Cl. 371-52.000.
Larson, Cheryl L.: *See—*
Johnson, Carter F.; Larson, Cheryl L.; and Tepley, Judy M., 4,550,758, Cl. 160-271.000.

- Larson, Clayton J.: *See—*
  - Munk, Benedikt A.; and Larson, Clayton J., 4,540,988, Cl. 343-728.000.
- Larson, Dalmon M.; and Reyes, Jorge, to Mead Johnson & Company. Stable liquid diet composition. 4,497,800, 2-5-85, Cl. 514-2.000.
- Larson, Daniel A., to North American Philips Lighting Corporation. High pressure electric discharge lamp employing a metal spiral with positive potential. 4,491,766, 1-1-85, Cl. 315-60.000.
- Larson, David A.; and Schumaker, Daniel A., to Larson, David A. Electro-acoustic transducer with diaphragm and blank therefor. 4,491,698, 1-1-85, Cl. 179-115.5PV.
- Larson, David A. Electro-acoustic transducer with diaphragm and blank therefor. 4,536,623, 8-20-85, Cl. 179-115.00R.
- Larson, David A.: *See—*
  - Morrell, Roger J.; and Larson, David A., 4,501,448, Cl. 299-67.000.
  - Sparks, Gregory E.; and Larson, David A., 4,523,494, Cl. 74-710.500.
- Larson, David B.: *See—*
  - Earl, Robert B.; Larson, David B.; and Nguyen, Huy X., 4,509,598, Cl. 166-308.000.
- Larson, David L., to Dow Chemical Company, The. Liquid phase preparation of 2-substituted-2-oxazolines with cadmium salt catalysts. 4,543,414, 9-24-85, Cl. 548-239.000.
- Larson, David L.: *See—*
  - Crawford, Thomas C.; Keely, Stanley L.; Larson, David L.; Lombardino, Joseph G.; and Maciejko, James J., 4,559,326, Cl. 514-23.000.
- Larson, Donald A. Emergency repair tape. 4,528,230, 7-9-85, Cl. 428-137.000.
- Larson, Edwin G.: *See—*
  - Haigh, Daniel H.; and Larson, Edwin G., 4,529,656, Cl. 428-402.000.
- Larson, Edwin L. Pipe-thread sealing tape reel with tape retarding element. 4,542,863, 9-24-85, Cl. 242-96.000.
- Larson, Eldon E., to Eltech Innovations Inc. Perforating, seal-greasing apparatus and method. 4,534,449, 8-13-85, Cl. 184-105.200.
- Larson, Eric R.: *See—*
  - Osterhout, Ralph F.; Burr, John D.; and Larson, Eric R., 4,523,379, Cl. 30-151.000.
- Larson, Eugene A.: *See—*
  - Buffington, Ralph M.; Kaminski, Perry; and Larson, Eugene A., 4,557,146, Cl. 73-642.000.
- Larson, Francis W.: *See—*
  - Crocker, David R.; Stelling, Desi D.; and Larson, Francis W., 4,524,443, Cl. 370-112.000.
- Larson, Glenn F. Electrical sensor for measuring moisture in landscape and agricultural soils. 4,531,087, 7-23-85, Cl. 324-65.00P.
- Larson, Harold A.; Boehme, Manfred F.; and Sheets, Jeffrey W., to Phillips Petroleum Company. Removing H_2S from natural gas using two-stage molecular sieves. 4,522,793, 6-11-85, Cl. 423-230.000.
- Larson, Hugo R.: *See—*
  - Khandros, Igor Y.; and Larson, Hugo R., 4,536,232, Cl. 148-35.000.
- Larson, Jay M.; Jenkins, Lawrence F.; and Belmore, James E., to Eaton Corporation. Solution heat treating of engine poppet valves. 4,547,229, 10-15-85, Cl. 148-134.000.
- Larson, Kenneth E. Duct finishing machine. 4,497,189, 2-5-85, Cl. 72-51.000.
- Larson, Kenneth H.: *See—*
  - Tittes, Allan F.; Larson, Kenneth H.; and Britton, Kennith L., 4,534,571, Cl. 277-128.000.
- Larson, Larry L.: *See—*
  - Reifschneider, Walter; and Larson, Larry L., 4,558,039, Cl. 514-86.000.
- Larson, Leslie N. Drilling rig. 4,522,273, 6-11-85, Cl. 175-135.000.
- Larson, Marlow W. Illuminated sighting structure for archery bows. 4,521,972, 6-11-85, Cl. 33-265.000.
- Larson, Michael E., to AMCA International Corporation. Digitally-driven sine/cosine generator and modulator. 4,524,326, 6-18-85, Cl. 328-14.000.
- Larson, Michael J.: *See—*
  - Sanders, Albert J., Jr.; and Larson, Michael J., 4,509,981, Cl. 106-3.000.
- Larson, Orville W.: *See—*
  - Krumin, Donald K.; and Larson, Orville W., 4,534,063, Cl. 455-344.000.
- Larson, Ove; and Davidson, Charles, to Robotgruppen HB. Flexible arm, particularly a robot arm. 4,494,417, 1-22-85, Cl. 74-469.000.
- Larson, Robert O., to Vikwood, Ltd. Stable anti-pest neem seed extract. 4,556,562, 12-3-85, Cl. 424-195.100.
- Larson, Robert W. Safety tool rest. 4,502,517, 3-5-85, Cl. 142-49.000.
- Larson, Robin R.: *See—*
  - McCracken, David R.; and Larson, Robin R., 4,507,576, Cl. 307-475.000.
- Larson, Rodney L.: *See—*
  - Winter, Arthur J.; and Larson, Rodney L., 4,550,247, Cl. 235-472.000.
- Larson, Roger: *See—*
  - Bridgewater, Walter F.; De Caro, Robert E.; Larson, Roger; and Wall, Llewellyn E., 4,555,623, Cl. 250-214.00A.
- Larson, Russell. Insert for fuel filler restrictor assemblies. 4,529,097, 7-16-85, Cl. 220-86.00R.
- Larson Supply Company: *See—*
  - Driskill, Darrel, 4,548,437, Cl. 294-86.300.
- Larson, Sven A. Method of storing heat and heat store for carrying out the method. 4,505,322, 3-19-85, Cl. 165-1.000.
- Larson, Theodore G. Rotary engine. 4,548,171, 10-22-85, Cl. 123-230.000.
- Larson, Ulf R.; and Schmidt, Max-Gunther. Apparatus for discharging liquid-covered particles from a reaction chamber and subsequent drying of said particles. 4,522,589, 6-11-85, Cl. 432-239.000.
- Larson, Warren M.: *See—*
  - Brooks, Jeffrey B.; and Larson, Warren M., 4,550,068, Cl. 430-122.000.
- Larson, Wayne K., to Minnesota Mining and Manufacturing Company. Sulfonate-containing photopolymer systems. 4,558,149, 12-10-85, Cl. 560-14.000.
- Larson, Wayne K.: *See—*
  - Lorenz, William J.; and Larson, Wayne K., 4,543,315, Cl. 430-156.000.
- Larson, Willis A.: *See—*
  - Van Zeeland, Anthony J.; Larson, Willis A.; and Christensen, David A., 4,559,426, Cl. 200-159.00B.
- Larsson, Gosta, to Jochnick & Norrman Press AB. Force pump. 4,537,568, 8-27-85, Cl. 418-202.000.
- Larsson, Hakan A.: *See—*
  - Andersson, Folke O. A.; and Larsson, Hakan A., 4,556,269, Cl. 339-75.00M.
- Larsson, Ingemar. Apparatus for handling sheets for microfilming or other similar recording. 4,518,251, 5-21-85, Cl. 355-75.000.
- Larsson, Jan, to ASEA Aktiebolag. Spot welding gun. 4,531,041, 7-23-85, Cl. 219-90.000.
- Larsson, Jan: *See—*
  - Kaufmann, Herbert; and Larsson, Jan, 4,506,123, Cl. 200-83.00J.
  - Kaufmann, Herbert; and Larsson, Jan, 4,507,534, Cl. 219-86.700.
- Larsson, Kare: *See—*
  - af Ekenstam, Bo T.; Glantz, Per-Olof; and Larsson, Kare, 4,557,935, Cl. 424-130.000.
- Larsson, Lars E., to Santrade Ltd. Rock drill. 4,540,200, 9-10-85, Cl. 285-332.400.
- Larsson, Lars G.: *See—*
  - Jakobsen, Kjell M.; Nilsson, Claes T.; and Larsson, Lars G., 4,493,633, Cl. 425-525.000.
- Larsson, Per-Olof; Mosbach, Klaus; and Borchert, Axel, to Pernovo AB. Lectin-containing separation agent. 4,532,232, 7-30-85, Cl. 502-403.000.
- Larsson, Peter: *See—*
  - Andersson, Arne; and Larsson, Peter, 4,518,265, Cl. 366-318.000.
- Larsson, Peter L.; and Clabburn, Robin J. T., to Raychem Corporation. Clamp assembly for power cables. 4,518,819, 5-21-85, Cl. 174-78.000.
- Larsson, Peter L., to Raychem Corporation. Method for terminating a high voltage cable. 4,551,915, 11-12-85, Cl. 29-858.000.
- Larsson, Peter L.: *See—*
  - Pokojny, Rudolf; and Larsson, Peter L., 4,533,788, Cl. 174-88.00C.
- Larsson, Raymond P.: *See—*
  - Witonsky, Robert J.; and Larsson, Raymond P., 4,521,376, Cl. 422-56.000.
- Larsson, Sten, to ASEA Aktiebolag. Method of producing castings with means to facilitate burr removal. 4,494,297, 1-22-85, Cl. 29-527.600.
- Larsson, Sten: *See—*
  - Remmerfelt, Arne; and Larsson, Sten, 4,534,241, Cl. 74-597.000.
- Larsson, Stig A. Handling unit for reelable cord-like goods and its use in an integrated handling system. 4,558,830, 12-17-85, Cl. 242-54.00R.
- Larsson, Viktor K. Protective layer on skin, mucous membrane or other body tissue. 4,505,935, 3-19-85, Cl. 514-779.000.
- Laruelle, Claude; Lepant, Marcel; and Raynier, Bernard, to S.A. Panmedica. Dipeptides of L-5-hydroxytryptophan, processes for their preparation and drugs in which they are present. 4,518,587, 5-21-85, Cl. 514-19.000.
- Larws, Peter. Toy-figure. 4,519,786, 5-28-85, Cl. 446-97.000.
- Lary, Banning G. Prepackaged, injectable pharmaceutical and hypodermic needle combination. 4,548,601, 10-22-85, Cl. 604-204.000.
- Lary, Richard F.: *See—*
  - Bean, Robert; Gardner, Edward A.; Chow, Michael; Rubinson, Barry L.; Lary, Richard F.; and Blackledge, Robert, 4,543,626, Cl. 364-200.000.
- Lasag AG: *See—*
  - Riquin, Didier, 4,502,764, Cl. 351-160.00R.
  - Roussel, Philippe, 4,499,897, Cl. 128-303.100.
  - Roussel, Philippe, 4,506,962, Cl. 351-160.00R.
- Lasar Manufacturing Co.: *See—*
  - Lasar, William, III, 4,509,860, Cl. 366-99.000.
- Lasar, William, III, to Lasar Manufacturing Co. Dual action mixer. 4,509,860, 4-9-85, Cl. 366-99.000.
- LaSarge, Eugene A.; Schermers, Franciscus; and Sugarbaker, Daniel L., to Lear Siegler, Inc. Heading reference and land navigation system. 4,507,737, 3-26-85, Cl. 364-453.000.
- Laschke, Robert: *See—*
  - Fischer, Gunter; Kotter, Wolfgang; and Laschke, Robert, 4,503,728, Cl. 74-527.000.
- Lascola, John C.: *See—*
  - Divers, Edward F.; Lascola, John C.; and Behers, Robert G., 4,494,894, Cl. 405-290.000.
- La See, Jack, to La See, Jack. Vision panel frame. 4,550,542, 11-5-85, Cl. 52-476.000.
- LaSelva, A.: *See—*
  - Long, Ballard E., 4,539,923, Cl. 112-224.000.
- Laser Corporation: *See—*
  - Chaffee, Edwin G., 4,553,241, Cl. 372-62.000.

Laser, Manfred: *See—*
  Mallek, Heinz; Laser, Manfred; and Ermisch, Dorothee, 4,544,374, Cl. 48-114.000.
Laser Manufacturing Technologies, Inc.: *See—*
  Ream, Stanley L., 4,504,956, Cl. 378-107.000.
Laser Precision Corporation: *See—*
  Doyle, Walter M., 4,537,508, Cl. 356-346.000.
  Doyle, Walter M., 4,538,910, Cl. 356-346.000.
  Doyle, Walter M., 4,544,272, Cl. 356-346.000.
  Doyle, Walter M., 4,556,316, Cl. 356-346.000.
Laser Technology, Inc.: *See—*
  Newman, John W., 4,506,945, Cl. 350-3.600.
Laser, Vadim. Method and apparatus for remotely reading and decoding bar codes. 4,500,776, 2-19-85, Cl. 235-162.000.
LASERstore, Ltd.: *See—*
  Waugh, John B. S., 4,552,322, Cl. 242-198.000.
Lash, Edward G.; Levy, Roger; and Nickels, Charles J., to Tishken Products Co. Multiple tooling roll forming machine with turret type rotary motion. 4,557,129, 12-10-85, Cl. 72-176.000.
Lash, Edward G.: *See—*
  Granzow, Carl F.; Lash, Edward G.; Gleason, Everett; and Kubiak, Jerome, 4,530,226, Cl. 72-171.000.
Lash, Harvey; and Kibrick, Morris. Penile implant. 4,558,693, 12-17-85, Cl. 128-79.000.
Lash, Ronald J., to OMI International Corporation. Zinc electroplating additive concentrate. 4,514,267, 4-30-85, Cl. 204-44.200.
Lash, Ronald J., to OMI International Corporation. Zinc-alloy electrolyte and process. 4,543,166, 9-24-85, Cl. 204-44.200.
Lasher, Albert C.: *See—*
  Formo, Jerome L.; Lasher, Albert C.; and White, Robert W., 4,524,512, Cl. 30-147.000.
Lasher, Dana A.; and Stelzenmuller, William K., to International Business Machines Corporation. Method for reducing line width variations in bilevel video images. 4,517,604, 5-14-85, Cl. 358-262.000.
Lasher, Jeffery D.: *See—*
  Klostermeier, Werner; Lasher, Jeffery D.; Meyer, Gerhard; and Zengel, Hans, 4,522,880, Cl. 428-332.000.
Lashway, William H.: *See—*
  Boyd, Dana M.; Colombo, Edward A.; and Lashway, William H., 4,533,578, Cl. 428-35.000.
Laska, Eugene M.: *See—*
  Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,522,826, Cl. 514-569.000.
  Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,552,899, Cl. 514-568.000.
  Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,558,051, Cl. 514-261.000.
Laskaris, A. Theodore; and Roy, Paul J., to Avco Corporation. Fiber composite. 4,495,231, 1-22-85, Cl. 428-36.000.
Laskaris, Evangelos T., to General Electric Company. Cryostat for NMR magnet. 4,492,090, 1-8-85, Cl. 62-55.000.
Laskaris, Evangelos T., to General Electric Company. Foam filled insert for horizontal cryostat penetrations. 4,516,404, 5-14-85, Cl. 62-45.000.
Laskaris, Evangelos T., to General Electric Company. Supporting tie configuration for cryostat for cold shipment of NMR magnet. 4,516,405, 5-14-85, Cl. 62-55.000.
Laskaris, Evangelos T., to General Electric Company. Horizontal cryostat penetration insert and assembly. 4,522,034, 6-11-85, Cl. 62-45.000.
Laskaris, Evangelos T., to General Electric Company. Support for cryostat penetration tube. 4,526,015, 7-2-85, Cl. 62-514.00R.
Laskaris, Evangelos T., to General Electric Company. Plug for horizontal cryostat penetration. 4,535,596, 8-20-85, Cl. 62-45.000.
Lasker, Sigmund E. Antithrombotic agent. 4,533,549, 8-6-85, Cl. 514-56.000.
Laskey, Daniel A., to Lancaster, Charles D.; and Laskey, Richard F. Nut retaining socket with replaceable nut retainer. 4,553,454, 11-19-85, Cl. 81-125.000.
Laskey, Richard F.: *See—*
  Laskey, Daniel A., 4,553,454, Cl. 81-125.000.
Lasko, John A. Cast metal outlet fitting. 4,541,656, 9-17-85, Cl. 285-286.000.
Laskowski, Donald R.; and Tekulve, Daniel R., to Laskowski Enterprises, Incorporated. Portable band saw saw mill apparatus. 4,559,858, 12-24-85, Cl. 83-801.000.
Laskowski, Edward L., to Bendix Automation Company. Contact sensing probe for a measuring apparatus. 4,513,507, 4-30-85, Cl. 33-169.00R.
Laskowski Enterprises, Incorporated: *See—*
  Laskowski, Donald R.; and Tekulve, Daniel R., 4,559,858, Cl. 83-801.000.
Laskowski, Gordon J., to United States of America, Navy. Bridge crane hoist stop system. 4,509,431, 4-9-85, Cl. 104-250.000.
Laskowski, Gordon J.: *See—*
  Burchfield, William L.; Carr, Edward L.; and Laskowski, Gordon J., 4,534,476, Cl. 212-190.000.
Laskowski, Stanley C.: *See—*
  Lesher, George Y.; Singh, Baldev; and Laskowski, Stanley C., 4,560,753, Cl. 544-279.000.
Laskowski, Zbigniew: *See—*
  Brzosko, Witold; Janicki, Piotr; Laskowski, Zbigniew; Madalinski, Kazimierz; and Dabrowa, Andrzej, 4,558,011, Cl. 435-272.000.
Lasky, Jerome B.: *See—*
  Kinney, Wayne I.; Lasky, Jerome B.; and Nesbit, Larry A., 4,532,700, Cl. 29-576.00W.
  Kinney, Wayne I.; Koburger, Charles W., III; Lasky, Jerome B.; Nesbit, Larry A.; Troutman, Ronald R.; and White, Francis R., 4,558,508, Cl. 29-571.000.
Lasky, Richard J., to Trans-World Manufacturing Corporation. 3D display. 4,500,088, 2-19-85, Cl. 272-8.00M.
Lasley, Duncan T.: *See—*
  Jegers, Viktor J.; and Lasley, Duncan T., 4,496,822, Cl. 219-125.100.
Lasley, Robert A. Portable and collapsible hyperbaric chamber assembly. 4,509,513, 4-9-85, Cl. 128-202.120.
Lasner, Jeffrey I.; and Aleixo, Francisco H. Suture remover and continuous band scissors. 4,527,331, 7-9-85, Cl. 30-135.000.
Lasoen, Jean J., to Massey-Ferguson Services N.V. Tractor draft sensing apparatus with sensing unit positioned outboard of each link. 4,499,775, 2-19-85, Cl. 73-862.570.
Laspa, Matti: *See—*
  Kela, Heino; and Laspa, Matti, 4,516,732, Cl. 241-24.000.
LaSpesa, Richard E., to AT&T Teletype Corporation. Mounting apparatus for dot matrix print head. 4,514,100, 4-30-85, Cl. 400-55.000.
LaSpisa, Ronald J.; and Likins, Merle R., Jr., to Phillips Petroleum Company. Boiler control. 4,497,283, 2-5-85, Cl. 122-451.100.
LaSpisa, Ronald J.; Likins, Merle R., Jr.; and King, William R., to Phillips Petroleum Company. Combustion control for a boiler. 4,498,428, 2-12-85, Cl. 122-448.00R.
LaSpisa, Ronald J., to Phillips Petroleum Company. Control of the flow of fuel to multiple burners. 4,557,686, 12-10-85, Cl. 431-5.000.
Lass, Joseph S.: *See—*
  Maurer, Thomas; Holbein, Hans-Jurgen; and Lass, Joseph S., 4,507,346, Cl. 428-158.000.
Lassak, Francis A.: *See—*
  Newberry, Alfred L.; and Lassak, Francis A., 4,495,129, Cl. 264-235.000.
Lassallette, Jean L.; Lepere, Guy; and Rotat, Gerard, to Thomson-CSF. Device for processing logarithmic signals, and its application to a frequency diversity radar. 4,531,124, 7-23-85, Cl. 343-5.0DP.
Lassally, Gunter M., to Amstelstaal B.V. Operating mechanism for a high-pressure valve having a valve passage of relatively small width. 4,509,721, 4-9-85, Cl. 251-335.00B.
Lassander, Erik; and Stenkvist, Sven E., to ASEA Aktiebolag. Symmetrical current conductor system for a DC arc furnace. 4,550,413, 10-29-85, Cl. 373-108.000.
Lassche, Jakob. Device for activating a switching element by a deceleration thereof. 4,541,504, 9-17-85, Cl. 180-268.000.
Lasscock, Ian M. Packaging. 4,546,593, 10-15-85, Cl. 53-441.000.
Lassen, Charles L., to Kollmorgen Technologies Corporation. Process for the manufacture of substrates to interconnect electronic components. 4,500,389, 2-19-85, Cl. 156-643.000.
Lassen, Charles L., to Kollmorgen Technologies Corporation. Process for the manufacture of substrates to interconnect electronic components and articles made by said process. 4,541,882, 9-17-85, Cl. 156-150.000.
Lassen, Charles L., to Kollmorgen Technologies Corporation. Process for the manufacture of substrates to interconnect electronic components. 4,544,442, 10-1-85, Cl. 156-643.000.
Lasser, George A., to Honeywell Inc. Dual input watchdog timer. 4,538,273, 8-27-85, Cl. 371-62.000.
Lassiaz, Philippe, to Valeo. Clutch release bearing mounting assembly. 4,560,053, 12-24-85, Cl. 192-98.000.
Lassig, Arndt: *See—*
  Grosskreuz, Gerhard; and Lassig, Arndt, 4,497,155, Cl. 53-331.500.
Lassila & Tikanoja Oy: *See—*
  Randen, Ilkka U.; Kiema, Mikko; and Porthen, Lauri S., 4,492,399, Cl. 294-74.000.
Lassmann, Manfred: *See—*
  Baltach, Erwin; Gobbels, Heinz-Dieter; Greckach, Hans; Lassmann, Manfred; Raasch, Hans; and Schlosser, Helmut, 4,538,408, Cl. 57-263.000.
  Raasch, Hans; and Lassmann, Manfred, 4,524,578, Cl. 57-263.000.
Lassota, Marek J. Cylinder-piston of a rotary compressor. 4,553,912, 11-19-85, Cl. 418-54.000.
Last, Anthony E. W., to International Construction Equipment, Inc. Power hammer. 4,523,647, 6-18-85, Cl. 173-133.000.
Last, Anthony J. Surface vibration absorbing strap. 4,509,750, 4-9-85, Cl. 273-29.00A.
Laster, Walter R., to Borg-Warner Corporation. Power transmission chain-belt. 4,516,964, 5-14-85, Cl. 474-245.000.
Lastinger, Anthony, to Kelley Manufacturing Company. Peanut seed meter. 4,545,511, 10-8-85, Cl. 222-367.000.
Lastnik, Abraham L.: *See—*
  Barron, Edward R.; and Lastnik, Abraham L., 4,530,111, Cl. 2-2.500.
Lastovsky, Rostislav P.: *See—*
  Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.
Lastrina, Frank A.; Pommer, Leslie M.; and Mayer, Jeffrey C., to General Electric Company. Particle separator scroll vanes. 4,527,387, 7-9-85, Cl. 60-39.092.
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  Artama, Arvi; and Nurmi, Uuno, 4,553,987, Cl. 55-118.000.
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Laszlofalvi, Zoltan: *See—*
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Latasiewicz, Leonard, to Motorola, Inc. Multiple contact layer membrane switch. 4,551,586, 11-5-85, Cl. 200-5.00A.
Latchways Limited: *See—*
  Tupper, Alan W., 4,560,098, Cl. 226-92.000.
Latenser, John F. Foam boot. 4,494,536, 1-22-85, Cl. 128-153.000.
Latenstein Zetmeel B.V.: *See—*
  Jansma, Wytze; Mars, Jan; Stoutjesdijk, Pieter G.; and Vegter, Herman J., 4,494,530, Cl. 127-69.000.
Latham, Peter A., to Opus, Inc. Squirrel-proof bird feeder. 4,523,546, 6-18-85, Cl. 119-51.00R.
Latham, Peter A.: *See—*
  Gainsboro, Leon; and Latham, Peter A., 4,498,423, Cl. 119-51.00R.
Latham, Philip A.: *See—*
  Kaye, Arthur; Carr, Brian; and Latham, Philip A., 4,516,063, Cl. 318-685.000.
Latham, Robert: *See—*
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Latham, Roger A., to Du Pont de Nemours, E. I., and Company. High impact resistant polyamide. 4,536,541, 8-20-85, Cl. 525-66.000.
Latham, Ronald D. Variable camber air-foil for a vessel. 4,530,301, 7-23-85, Cl. 114-102.000.
Latham, Winchester E. Continuous sweep for road planing and milling machines. 4,561,145, 12-31-85, Cl. 15-340.000.
Lather, Dieter: *See—*
  Fischer, Gert; and Lather, Dieter, 4,509,815, Cl. 339-147.00P.
Lathery, Willie M.: *See—*
  Bell, Cecil R., Jr.; Lathery, Willie M.; Patel, Navin D.; and London, Jasper R., 4,539,924, Cl. 112-262.200.
Lathlaen, Richard A.: *See—*
  Bell, Robert L.; and Lathlaen, Richard A., 4,501,051, Cl. 29-25.410.
Latimer, Edward G.: *See—*
  Coombs, Daniel M.; and Latimer, Edward G., 4,548,711, Cl. 208-309.000.
Latimer, Elwood D., Jr.: *See—*
  Churma, Theodore; Latimer, Elwood D., Jr.; and Vicik, Stephen J., 4,515,745, Cl. 264-211.000.
Latimer, John; and Fortune, Neil, to Mauri Brothers & Thomson (N.Z.) Limited. Conveyors. 4,538,510, 9-3-85, Cl. 99-459.000.
Latimer, Stanley M.; and Orton, Gregory A., to Ampex Corporation. Magnetic transducer structure with improved mechanical coupling and method of manufacturing. 4,520,414, 5-28-85, Cl. 360-125.000.
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  Conly, Ralph A.; and Latimer, Stanley M., 4,533,967, Cl. 360-123.000.
Latino, Richard M.; and Crabbe, David K. Wrist support for use with an office machine having a keyboard. 4,545,554, 10-8-85, Cl. 248-118.100.
Lato, Stephen M., to Stauffer Chemical Company. Removal of organic residue from fiber mist eliminator. 4,545,789, 10-8-85, Cl. 55-71.000.
Laton, Richard W.: *See—*
  Galani, Zvi; Laton, Richard W.; Waterman, Raymond C., Jr.; and DiBiase, Robert, 4,555,678, Cl. 331-1.00A.
  Ward, Charles S.; Laton, Richard W.; and Spada, John A., 4,535,302, Cl. 330-287.000.
Latone, Thomas L., to Knoll International, Inc. Reclining chair. 4,533,177, 8-6-85, Cl. 297-301.000.
Latone, Thomas L., to Knoll International, Inc. Back support control mechanism for a chair or the like. 4,536,031, 8-20-85, Cl. 297-353.000.
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  Varga, Laszlo; Krekacs, Sandor; Latorcai, Janos; Palfi, Zoltan; and Fledrich, Istvan, 4,514,911, Cl. 34-22.000.
Latouche, Yannick: *See—*
  Lacour, Clement F.; and Latouche, Yannick, 4,541,124, Cl. 455-327.000.
Latourrette, Bertrand; and Poisson, Regis, to Rhone-Poulenc Specialites Chimiques. Preparation of type Y zeolites. 4,540,559, 9-10-85, Cl. 423-329.000.
Latraverse, Wendy R. Detachable shoe heel. 4,494,323, 1-22-85, Cl. 36-42.000.
Latreille, Maurice G.; and Tennant, William A., to American Can Company. Methods and apparatus for maintaining a pressure contact seal between nozzles and cavities of an on-line injection molding machine. 4,518,344, 5-21-85, Cl. 425-570.000.
Latreille, Maurice G.: *See—*
  Kudert, Frederick G.; Latreille, Maurice G.; Tennant, William A.; and Tung, Thomas T., 4,497,621, Cl. 425-145.000.
  Kudert, Frederick G.; Latreille, Maurice G.; and Tennant, William A., 4,511,528, Cl. 264-328.800.
Latsch, Reinhard; Schlembach, Hans; and Scherenberg, Dieter, to Robert Bosch GmbH. Method for igniting lean fuel-air mixtures and an apparatus to perform the method. 4,513,708, 4-30-85, Cl. 123-263.000.
Latsch, Reinhard; Linder, Ernst; and Moser, Winfried, to Robert Bosch GmbH. Internal combustion engine. 4,523,559, 6-18-85, Cl. 123-306.000.
Latsch, Reinhard; and Schlembach, Hans, to Robert Bosch GmbH. Externally ignited internal combustion engine. 4,534,327, 8-13-85, Cl. 123-263.000.
Latsch, Reinhard: *See—*
  Breuser, Erich; Grozinger, Wilhelm; Latsch, Reinhard; and Wurfel, Gernot, 4,509,476, Cl. 123-266.000.
  Damson, Eckart; Latsch, Reinhard; Linder, Ernst; Rieger, Franz; and Schussler, Rainer, 4,514,656, Cl. 313-11.500.
Latszereszeti Eszkozok Gyara: *See—*
  Pojbics, Jeno; and Magyar, Ferenc, 4,539,087, Cl. 204-146.000.
Latta, Ernst-Eberhard; and Ronay, Maria, to International Business Machines Corporation. Catalytic oxidation of solid materials. 4,526,629, 7-2-85, Cl. 148-1.500.
Latta, Joseph E., Jr., to Specialty Manufacturing Co. School bus stop sign and crossing arm apparatus. 4,559,518, 12-17-85, Cl. 340-130.000.
Latta, Milton R.: *See—*
  Jain, Kantilal; and Latta, Milton R., 4,516,832, Cl. 350-96.240.
  Jain, Kantilal; and Latta, Milton R., 4,547,044, Cl. 350-433.000.
Lattanzi, Ettore. Process and plant for endless-cycle sterilization of sheet material utilized in aseptic packaging of pre-sterilized fluid products. 4,537,007, 8-27-85, Cl. 53-425.000.
Latter, Bruce B., to General Electric Company. Method of assembling a rigid wire for driven rotational movement. 4,492,017, 1-8-85, Cl. 29-434.000.
Latter, Richard, to R & D Associates. Very high pressure apparatus for quenching. 4,523,748, 6-18-85, Cl. 266-249.000.
Lattime, Richard R.: *See—*
  Ambler, Michael R.; Lattime, Richard R.; and Wanca, Edward, 4,539,346, Cl. 523-332.000.
Lattimore, James: *See—*
  Chisvette, Dominick; Lattimore, James; and Sova, Stanley G., 4,522,654, Cl. 106-288.00Q.
Lattin, Gary A., to Medtronic, Inc. Self-cleaning drug delivery catheter and storage bladder. 4,509,947, 4-9-85, Cl. 604-266.000.
Lattion, Andre , to Rieter Machine Works, Ltd. Apparatus for arranging cross-wound packages on an auxiliary transport belt. 4,558,776, 12-17-85, Cl. 198-429.000.
Lattis, Donald J.: *See—*
  Bullock, Norman J.; Barnett, Paul F.; and Lattis, Donald J., 4,546,554, Cl. 34-48.000.
LaTulip, Randy J., to Dow Chemical Company, The. Thermosetting polymers from aromatic aldehydes, azines and isopropenyl phenols. 4,500,690, 2-19-85, Cl. 525-502.000.
LaTulip, Randy J.: *See—*
  Swearingen, Loren L.; and LaTulip, Randy J., 4,515,938, Cl. 528-252.000.
Latvus, Vaino P., to Innovex Oy. Energy converter. 4,524,283, 6-18-85, Cl. 290-1.00E.
Latymer, Zdenek: *See—*
  Beyts, Pamela K.; and Latymer, Zdenek, 4,495,170, Cl. 424-48.000.
Lau, Alfred T. Y.: *See—*
  Chow, Kwong-Wai; Lau, Alfred T. Y.; Chow, Ming-Ngar; and Lee, James S. W., 4,516,954, Cl. 446-461.000.
  Lee, James S. W.; Chow, Kwong-Wai; Lau, Alfred T. Y.; and Chow, Ming-Ngar, 4,541,815, Cl. 446-464.000.
  Lee, James S. W.; Chow, Kwong-Wai; Lau, Alfred T. Y.; and Chow, Ming-Ngar, 4,547,174, Cl. 446-463.000.
Lau, Anthony S. Y.; and Gossett, Ernest W., Jr., to Hughes Aircraft Company. Alignment stabilization prism. 4,502,783, 3-5-85, Cl. 356-152.000.
Lau, Authur L. Y.: *See—*
  Charlton, Steven C.; Fleming, Roger L.; and Lau, Authur L. Y., 4,540,520, Cl. 260-396.00N.
Lau, Buong P.: *See—*
  Boots, Byron R.; and Lau, Buong P., 4,544,413, Cl. 106-287.140.
Lau, Chester P. K. Pocket battery tester. 4,514,695, 4-30-85, Cl. 324-437.000.
Lau, Chi K., to Texas Instruments Incorporated. Method of forming a titanium disilicide. 4,545,116, 10-8-85, Cl. 29-591.000.
Lau, Daniel T.: *See—*
  Braun, Derrek E.; Lau, Daniel T.; and Moy, Harold, 4,521,712, Cl. 310-339.000.
Lau, Edward H.; and Colonel, Kenneth, to Primages, Inc. Method and apparatus for mounting a daisy print wheel on the shaft of a print head. 4,496,254, 1-29-85, Cl. 400-175.000.
Lau, Jark C., to Kimberly-Clark Corporation. Meltblown die and method. 4,526,733, 7-2-85, Cl. 264-12.000.
Lau, John R.: *See—*
  Geho, W. Blair; and Lau, John R., 4,501,728, Cl. 424-38.000.
Lau, Kam-Yin: *See—*
  Yariv, Amnon; Harder, Christoph; and Lau, Kam-Yin, 4,562,569, Cl. 369-122.000.
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  Stokes, Robert B.; Yen, Kuo-Hsiung; Lau, Kei-Fung; Kagiwada, Reynold S.; and Delaney, Michael J., 4,499,393, Cl. 310-313.00A.
  Yen, Kuo-Hsiung; Stokes, Robert B.; Lau, Kei-Fung; Kong, Alvin M.; and Kagiwada, Reynold S., 4,513,261, Cl. 333-194.000.
Lau, Kong P. P.: *See—*
  Kan, Frederick S. C.; Li, Kam Wing; and Lau, Kong P. P., 4,508,958, Cl. 219-369.000.
Lau, Kreisler S. Y., to Hughes Aircraft Company. Diethynylated phenylbenzimidazole compounds. 4,537,974, 8-27-85, Cl. 548-328.000.
Lau, Patrick W.: *See—*
  Chan, Lock-Lim; and Lau, Patrick W., 4,537,807, Cl. 428-74.000.
Lau, Pauline Y.: *See—*
  Xu, Zhong, 4,520,268, Cl. 250-492.100.
Lau, Philip T. S.; and Einhaus, Gary M., to Eastman Kodak Company. Enhanced bleaching of photographic elements containing silver halide and adsorbed dye. 4,552,834, 11-12-85, Cl. 430-393.000.
Lau, Philip Y.: *See—*
  Friedli, Hans R.; and Lau, Philip Y., 4,556,506, Cl. 252-512.000.
Lau, Roland L.: *See—*
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Lau, Wah. Adjustable buckle. 4,534,087, 8-13-85, Cl. 24-163.00K.

Lau, Wing Y. T.: *See—*
  England, William T.; and Lau, Wing Y. T., 4,531,386, Cl. 66-202.000.

Lau, Wing-Yan T.; and Bradberry, Laylon E., to Kendall Company, The. Knit construction. 4,494,388, 1-22-85, Cl. 66-178.00A.

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Lau, Yue-Ying; and Barnett, Larry R., to United States of America, Navy. Gyromagnetron amplifier. 4,550,271, 10-29-85, Cl. 315-4.000.

Lau, Yue-Ying: *See—*
  Baird, J. Mark; Barnett, Larry R.; and Lau, Yue-Ying, 4,554,483, Cl. 315-4.000.

Laub, Herman. Reusable tamper-proof container. 4,523,689, 6-18-85, Cl. 215-232.000.

Laub, Herman, III. One-piece childproof tamper-evident bottle and cap. 4,534,477, 8-13-85, Cl. 215-215.000.

Laubach, Richard T.: *See—*
  Dessert, Robert A.; Gaspar, Richard A.; Laubach, Richard T.; Punater, Dinesh G.; and Barrera, Ralph E., 4,495,582, Cl. 364-469.000.

Laube, Kim E., to Kelly Crisp. Animal grooming clipper. 4,531,291, 7-30-85, Cl. 30-216.000.

Laube, Robert W.: *See—*
  Neuschaffer, Karl-Heinz; Engels, Hans-Werner; Gebert, Hans-Jurgen; Laube, Robert W.; and Zoche, Gunter, 4,522,652, Cl. 106-84.000.

Lauber, Michael L.: *See—*
  Dieckmann, J. Robert; Lauber, Michael L.; and Roodvoets, Mark R., 4,493,631, Cl. 425-292.000.
  Dieckmann, J. Robert; Lauber, Michael L.; and Roodvoets, Mark R., 4,541,978, Cl. 264-150.000.

Laubie, Michel: *See—*
  Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, 4,492,696, Cl. 424-249.000.
  Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,398, Cl. 514-245.000.
  Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, 4,514,399, Cl. 514-241.000.
  Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, 4,529,729, Cl. 514-253.000.
  Vincent, Michel; Remond, Georges; and Laubie, Michel, 4,508,729, Cl. 514-419.000.

Lauchenauer, Alfred E., to Adnovum AG. Shaped semi-solid articles. 4,491,479, 1-1-85, Cl. 106-15.050.

Laudat, Pierre: *See—*
  Sanchez, Pierre; and Laudat, Pierre, 4,551,319, Cl. 423-316.000.

Laude, David P., to Harris Corporation. Controlled current limiter. 4,495,537, 1-22-85, Cl. 361-98.000.

Laude, Jean-Pierre, to Instruments S.A. Coupling-extracting device for optical signal. 4,544,232, 10-1-85, Cl. 350-96.150.

Lauder, David R.; and Bailey, Alan, to British Nuclear Fuels plc. Apparatus for orientating articles. 4,548,312, 10-22-85, Cl. 198-392.000.

Laudt, Jurgen, to Rittal-Werk Rudolf Loh GmbH & Co. KG. Switch box and closure therefor. 4,550,852, 11-5-85, Cl. 220-327.000.

Laue, Charles E., to Hamilton-Pax, Inc. Method for fabricating a valve. 4,521,948, 6-11-85, Cl. 29-157.10R.

Laue, Eric G.: *See—*
  Stephens, James B.; Yang, Mary M.; and Laue, Eric G., 4,514,278, Cl. 204-430.000.

Lauer, Ernst H.; and Reynolds, Joseph D., to Eaton Corporation. Transmission shifting mechanism. 4,550,627, 11-5-85, Cl. 74-475.000.

Lauer, Ernst H.: *See—*
  Reynolds, Joseph D.; and Lauer, Ernst H., 4,543,843, Cl. 74-473.00R.

Lauer, Gerhard; Morawietz, Alfred; and Wild, Jurgen. Apparatus for ascertaining the positions of openings in bulky workpieces. 4,543,726, 10-1-85, Cl. 33-180.00R.

Lauer, Hansjorg: *See—*
  Wolf, Franz-Joseph; and Lauer, Hansjorg, 4,491,350, Cl. 285-236.000.

Lauer, Hubert: *See—*
  Schwerdtel, Wulf; Lauer, Hubert; and Heinrich, Josef, 4,548,913, Cl. 502-68.000.

Lauf, Robert J., to United States of America, Energy. Process for fabricating ZnO-based varistors. 4,510,112, 4-9-85, Cl. 264-234.000.

Laufer, Helmut, to Robert Bosch GmbH. Fuel injection pump for internal combustion engines. 4,502,449, 3-5-85, Cl. 123-502.000.

Laufer, Helmut, to Robert Bosch GmbH. Fuel injection pump. 4,530,337, 7-23-85, Cl. 123-506.000.

Laufer, Helmut; Pfeifle, Helmut; and Straubel, Max, to Robert Bosch GmbH. Fuel injection pump for internal combustion engines. 4,535,742, 8-20-85, Cl. 123-447.000.

Laufer, Helmut; and Wessel, Wolf, to Robert Bosch GmbH. Apparatus for the load-dependent actuation of an adjusting device of an internal combustion engine. 4,548,184, 10-22-85, Cl. 123-569.000.

Laufer, Helmut, to Robert Bosch GmbH. Pressure control valve for fuel injection pumps. 4,557,287, 12-10-85, Cl. 137-115.000.

Laufer, Helmut: *See—*
  Djordjevic, Ilja; Eheim, Franz; and Laufer, Helmut, 4,539,964, Cl. 123-509.000.
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Laufhutte, Dieter, to Carl Still GmbH & Co. KG, Firma. Method of recovering sulfur from the hydrogen sulfide contained in coke oven gases. 4,514,375, 4-30-85, Cl. 423-573.00G.

Laug, Matthew T.: *See—*
  Gross, Kenny C.; and Laug, Matthew T., 4,495,143, Cl. 376-251.000.

Laug, Reiner: *See—*
  Christ, Richard; Muller, Erhard; Knackstedt, Hans-Gunther; and Laug, Reiner, 4,521,691, Cl. 250-506.100.

Laugal, James A.: *See—*
  Benkeser, Robert A.; Laugal, James A.; and Rappa, Angela, 4,533,752, Cl. 564-428.000.
  Benkeser, Robert A.; Laugal, James A.; and Rappa, Angela, 4,533,760, Cl. 568-667.000.

Laughlin, Lonnie C.: *See—*
  Null, Robert A.; Laughlin, Lonnie C.; and Goldberg, Michael L., 4,559,065, Cl. 55-161.000.

Laughlin, William C.: *See—*
  Baldwin, Roger A.; Stauter, John C.; Kauffman, Jim W.; and Laughlin, William C., 4,519,913, Cl. 210-611.000.
  Cleary, Michael T.; and Laughlin, William C., 4,495,106, Cl. 260-419.000.
  Cleary, Michael T.; and Laughlin, William C., 4,560,675, Cl. 502-407.000.
  Kauffman, Jim W.; Laughlin, William C.; and Baldwin, Roger A., 4,519,912, Cl. 210-611.000.
  Kauffman, Jim W.; and Laughlin, William C., 4,522,723, Cl. 210-611.000.

Laughman, Lanny M.: *See—*
  Chenausky, Peter P.; Mongeon, Robert J.; and Laughman, Lanny M., 4,521,109, Cl. 356-349.000.
  Chenausky, Peter P.; Hoffman, Nelson N.; and Laughman, Lanny M., 4,550,410, Cl. 372-97.000.
  Wayne, Robert J.; Laughman, Lanny M.; Mongeon, Robert J.; and Chenausky, Peter P., 4,498,179, Cl. 372-27.000.

Laughon, Thomas C.; Haynes, H. Taylor; Klopach, Robert T.; and Warner, Richard C., to Singer Company, The. Furniture antenna system. 4,546,357, 10-8-85, Cl. 343-702.000.

Laughon, Thomas C.: *See—*
  Barrett, Michael E.; Koon, Randy G.; and Laughon, Thomas C., 4,510,404, Cl. 310-50.000.
  Houser, John, Jr.; and Laughon, Thomas C., 4,513,381, Cl. 364-475.000.

Laughton, William J.: *See—*
  Kornrumpf, William P.; and Laughton, William J., 4,561,261, Cl. 62-126.000.

Laukien, Gunther: *See—*
  Biehl, Reinhard; Schmalbein, Dieter; and Laukien, Gunther, 4,551,694, Cl. 333-24.00C.

Lauks, Imants R., to University Patents, Inc. Composition and method for forming amorphous chalcogenide films from solution. 4,493,886, 1-15-85, Cl. 430-270.000.

Lauks, Imants R., to Integrated Ionics, Inc. Method of calibrating conductive metal oxide electrodes. 4,551,209, 11-5-85, Cl. 204-1.00T.

Laumain, Francois: *See—*
  Bernard, Michel; Balde, Daniel; Ghenassia, Elie; and Laumain, Francois, 4,499,222, Cl. 524-123.000.

Laumont, Roger, to Hydroperfect International H. P. I. Electro-hydraulic unit for steering, braking, suspension and like devices for vehicles. 4,525,126, 6-25-85, Cl. 417-310.000.

Laumont, Roger, to Hydroperfect International H.P.I. Apparatus for an hydrostatic compensation of hydraulic pumps and motors of gear type. 4,527,966, 7-9-85, Cl. 418-132.000.

Launay, Jean-Pierre: *See—*
  Castrec, Yves-Marie; and Launay, Jean-Pierre, 4,499,046, Cl. 376-245.000.

Launay, Noel, to Nestec S.A. Apparatus for decorating confectionery and bakery products. 4,520,705, 6-4-85, Cl. 83-879.000.

Launder, Richard L. Attachment assembly for excavation teeth. 4,516,340, 5-14-85, Cl. 37-142.00A.

Launie, Kenneth J., to Polaroid Corporation. Film counter. 4,508,441, 4-2-85, Cl. 354-217.000.

Laupot, Richard, to Wythe Industries Inc. Lamp socket bracket system. 4,561,713, 12-31-85, Cl. 339-74.00R.

Laupretre, Jean J.: *See—*
  Cholley, Henri E.; Laupretre, Jean J.; and Rollet, Jean, 4,521,072, Cl. 350-96.230.

Lauraire, Michel: *See—*
  Belbel, Elie; Blanchard, Christian; Lauraire, Michel; Fechant, Louis; and Haury, Andre, 4,513,270, Cl. 335-195.000.
  Belbel, Elie; Blanchard, Christian; Fechant, Louis; Haury, Andre; and Lauraire, Michel, 4,536,630, Cl. 200-151.000.
  Belbel, Elie; Blanchard, Christian; Haury, Andre; and Lauraire, Michel, 4,562,323, Cl. 200-151.000.

Laurel Bank Machine Co., Ltd.: *See—*
  Goi, Kowichi, 4,518,158, Cl. 271-9.000.
  Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,511,133, Cl. 271-3.100.
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  Kokubo, Eiichi; Arikawa, Junichi; Goi, Kowichi; and Imura, Shinichi, 4,517,451, Cl. 235-379.000.
  Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,527,845, Cl. 312-215.000.
  Kokubo, Eiichi; Goi, Koichi; Arikawa, Junichi; Ebihara, Hideyuki; and Chiba, Hiroshi, 4,552,354, Cl. 271-163.000.
  Oka, Yoshinobu, 4,504,916, Cl. 364-471.000.
  Oka, Yoshinobu, 4,539,702, Cl. 382-7.000.
  Sentoku, Hideshi; and Uematsu, Yoshiaki, 4,558,712, Cl. 133-3.00R.

Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.
Watanabe, Kenkichi; and Furuya, Katusuke, 4,509,542, Cl. 133-8.00A.
Laurello, Vincent P., to United Technologies Corporation. Stator structure for a gas turbine engine. 4,553,901, 11-19-85, Cl. 415-138.000.
Laurence, Roger F., to Reynolds & Laurence Industries Limited. Hearing aids. 4,517,415, 5-14-85, Cl. 179-107.0FD.
Laurenceau, Serge; Moufflet, Luc; and Genies, Bernerd, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Burner for pulverized coal. 4,556,384, 12-3-85, Cl. 431-160.000.
Laurent, Harold J.: *See*—
Harvey, Bruce J.; Laurent, Harold J.; and Pauwels, Michael A., 4,530,332, Cl. 123-481.000.
Laurent, Henry; Nickisch, Klaus; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, to Schering Aktiengesellschaft. 7α-acylthio-1α,-2α-methylene-3-oxo-17α-pregn-4-ene-21,17-carbolactones, their production and pharmaceutical preparations containing them. 4,511,565, 4-16-85, Cl. 514-173.000.
Laurent, Henry: *See*—
Annen, Klaus; Laurent, Henry; Hofmeister, Helmut; Wiechert, Rudolf; Toepert, Michael; and Wendt, Hans, 4,555,507, Cl. 514-172.000.
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Hofmeister, Helmut; Schulze, Paul E.; Annen, Klaus; Laurent, Henry; and Wiechert, Rudolf, 4,550,100, Cl. 514-179.000.
Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
Nickisch, Klaus; Bittler, Dieter; Laurent, Henry; Wiechert, Rudolf; and Losert, Wolfgang, 4,500,522, Cl. 514-173.000.
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Laurent, Michel: *See*—
Smets, Jacques; and Laurent, Michel, 4,506,125, Cl. 219-10.530.
Smets, Jacques; and Laurent, Michel, 4,506,126, Cl. 219-10.530.
Laurent, Paul: *See*—
Dupont, Andre; and Laurent, Paul, 4,497,858, Cl. 428-44.000.
Laurent, Sebastian M.; and Pond, Wilson G., to Ethyl Corporation; and United States of America, Agriculture. Animal nutrition. 4,515,780, 5-7-85, Cl. 424-154.000.
Laurent, Sebastian M.; and Sanders, Robert N., to Ethyl Corporation. Feeding of zeolite A to poultry. 4,556,564, 12-3-85, Cl. 426-2.000.
Laurent, Sebastian M.: *See*—
Kirsch, Warren B.; and Laurent, Sebastian M., 4,557,921, Cl. 423-488.000.
Scull, Herbert M.; and Laurent, Sebastian M., 4,554,141, Cl. 423-245.000.
Laurent, Thierry M.: *See*—
Wincn, John M.; and Laurent, Thierry M., 4,542,308, Cl. 307-494.000.
Laures, Antoine; and Horbacio, Leon. BPSK and QPSK transmission systems having phase locked loop for regenerating the carrier wave. 4,491,805, 1-1-85, Cl. 331-18.000.
Laures, Pierre, to Societe Nationale Industrielle et Aerospatiale. Reconnaissance system comprising an air-borne vehicle rotating about its longitudinal axis. 4,543,603, 9-24-85, Cl. 358-109.000.
Lauritzen, Donald R.: *See*—
Adams, Gary V.; Anderson, Scott R.; and Lauritzen, Donald R., 4,530,516, Cl. 280-741.000.
Lauritzen, Nels J., to Johnson & Johnson Products, Inc. Unitary adhesive bandage. 4,530,353, 7-23-85, Cl. 128-156.000.
Lauritzen, Nels J., to Johnson & Johnson Products, Inc. Unitary adhesive bandage and package. 4,545,372, 10-8-85, Cl. 128-156.000.
Lauritzen, Nels J., to Johnson & Johnson Products, Inc. Adhesive bandage and package. 4,549,653, 10-29-85, Cl. 206-441.000.
Lauritzen, Ted, to United States of America, Energy. Apparatus producing constant cable tension for intermittent demand. 4,504,023, 3-12-85, Cl. 242-54.00R.
Laursen, Donald, Jr., to Thrum, Edmund Arthur. Game playing apparatus. 4,534,559, 8-13-85, Cl. 273-113.000.
Laursen, Larry J.; and Prueter, Elton D., to Dow Chemical Company, The. Flanging of plastic lined conduit. 4,520,547, 6-4-85, Cl. 29-469.500.
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Barcellona, Alessandro; Ferrando Gorin, Guido; and Lausarot, Aldo, 4,498,496, Cl. 137-599.000.
Lauschke, Dieter; and Feuchter, Wolfgang, to Stahlecker, Fritz; and Stahlecker, Hans. Open end yarn spinning apparatus having rotor cleaning means. 4,548,030, 10-22-85, Cl. 57-302.000.
Lausen, Verne H.: *See*—
Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.
Laush, Frank I.; and Parker, Vernon L., to Scott Paper Company. Apparatus for conveying particulate material. 4,523,933, 6-18-85, Cl. 55-97.000.
Lausten, Merlyn F.: *See*—
Kuminecz, Jerome F.; and Lausten, Merlyn F., 4,519,545, Cl. 239-288.000.
Lautamo, Esa: *See*—
Martio, Asko; Reitmaa, Ilpo; and Lautamo, Esa, 4,498,479, Cl. 128-639.000.
Lautenschlager, Gerhard: *See*—
Lautenschlager, Karl; Lautenschlager, Horst; and Lautenschlager, Gerhard, 4,517,706, Cl. 16-238.000.
Lautenschlager, Gerhard W., to Karl Lautenschlager KG, Mobelbeschlagfabrik. Furniture hinge permitting door opening angle of 110 degree or more. 4,499,631, 2-19-85, Cl. 16-370.000.
Lautenschlager, Gerhard W., to Karl Lautenschlager KG, Mobelbeschlagfabrik. Single-pivot cabinet hinge. 4,506,409, 3-26-85, Cl. 16-238.000.
Lautenschlager, Gerhard W.: *See*—
Lautenschlager, Karl, Jr.; and Lautenschlager, Gerhard W., 4,502,182, Cl. 16-288.000.
Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., to A. Nattermann & Cie GmbH. 6-{5-[ω-(1-imidazolyl)-alkyl]-thien-2-yl}-3-oxo-2,3,4,5-tetrahydro-pyridazines and acid addition salts thereof and a process for the treatment of inflammatory atherosclerotic and thrombo-embolic, illnesses in humans. 4,504,479, 3-12-85, Cl. 514-252.000.
Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., to A. Nattermann & Cie GmbH. 6-{4-(ω-(1-imidazolyl)-alkyl-phenyl}-3-oxo-2,3,4,5-tetrahydro-pyridazines and acid addition salts thereof, and a process for the treatment of inflammatory, atherosclerotic and thromboembolic illnesses in humans. 4,507,298, 3-26-85, Cl. 514-247.000.
Lautenschlager, Hans-Heiner; Betzing, Hans; Prop, Gerrit; and Zierenberg, Ottfried, to A. Nattermann & Cie GmbH. O-alkyl-O-carbamoylglycerophosphocholines and the use for treating hypertension. 4,552,869, 11-12-85, Cl. 514-77.000.
Lautenschlager, Heinz: *See*—
Geis, Heinz; Lautenschlager, Heinz; Schulte, Harmut; and Uliczka, Siegmund, 4,507,102, Cl. 474-101.000.
Lautenschlager, Horst: *See*—
Lautenschlager, Karl; Lautenschlager, Horst; and Lautenschlager, Gerhard, 4,517,706, Cl. 16-238.000.
Lautenschlager, Karl, Jr.; and Lautenschlager, Horst, 4,500,140, Cl. 308-3.800.
Lautenschlager, Karl; Lautenschlager, Horst; and Lautenschlager, Gerhard, to Karl Lautenschlager KG, Mobelbeschlagfabrik. Adjustable cabinet hinge having a biased catch. 4,517,706, 5-21-85, Cl 16-238.000.
Lautenschlager, Karl, Jr.; and Lautenschlager, Horst, to Karl Lautenschlager KG, Mobelbeschlagfabrik. Slide for drawers and the like. 4,500,140, 2-19-85, Cl. 308-3.800.
Lautenschlager, Karl, Jr.; and Lautenschlager, Gerhard W., to Karl Lautenschlager KG, Mobelbeschlagfabrik. Over-center hinge. 4,502,182, 3-5-85, Cl. 16-288.000.
Lautenschlager, Karl, Jr., to Karl Lautenschlager KG, Mobelbeschlagfabrik. Joint fastener for the assembly of moldings. 4,509,882, 4-9-85, Cl. 403-402.000.
Lautenschlager, Karl, Jr., to Karl Lautenschlager KG, Mobelbeschlagfabrik. Set of joining hardware. 4,549,831, 10-29-85, Cl. 403-231.000.
Lauter, Robert: *See*—
Adcock, Carson D.; and Lauter, Robert, 4,552,658, Cl. 210-169.000.
Lauterbach-Dammler, Inge: *See*—
Taube, Thomas; and Lauterbach-Dammler, Inge, 4,532,634, Cl. 373-93.000.
Zollner, Dieter; Lauterbach-Dammler, Inge; Taube, Thomas; Lades, Hans; Liebel, Siegfried; and Bauer, Hanns-Georg, 4,531,219, Cl. 373-101.000.
Zollner, Dieter H.; Zollner, Christine; Schieber, Franz; Lauterbach-Dammler, Inge; and Koziol, Konrad, 4,534,836, Cl. 204-67.000.
Lauterbach, Herbert G., to Du Pont de Nemours, E. I., and Company. Process for preparing a high strength aramid spun yarn. 4,547,933, 10-22-85, Cl. 19-0.350.
Lauterbach, Herbert G.: *See*—
Fish, Floyd H., Jr.; and Lauterbach, Herbert G., 4,552,805, Cl. 428-297.000.
Lauterbach, Inge: *See*—
Lades, Hans; Fink, Friedrich; Liebel, Siegfried; Lauterbach, Inge; Taube, Thomas; and Zollner, Dieter, 4,509,178, Cl. 373-93.000.
Lauterbach, John H.: *See*—
Kimmel, David J.; and Lauterbach, John H., 4,493,954, Cl. 200-11.00R.
Lauterjung, Friedrich G. Suction bottle for medicinal purposes. 4,522,623, 6-11-85, Cl. 604-319.000.
Lauton, Alain; and Koci, Zdenek, to Ciba-Geigy Corporation. Aqueous formulations of water-insoluble or sparingly water-soluble dyes and hypophosphite/unsaturated acid teldmer. 4,514,186, 4-30-85, Cl. 8-527.000.
Lautzenheiser, Terry L., to Emerson Electric Co. Calibrated area source task light. 4,562,515, 12-31-85, Cl. 362-33.000.

Lautzenhiser, Lloyd L.: *See—*
Presley, Glen T.; and Lautzenhiser, Lloyd L., 4,510,963, Cl. 137-117.000.

Lautzenhiser, Theodore V., to Standard Oil Company (Indiana). Gravity gradiometer and method. 4,513,618, 4-30-85, Cl. 73-382.00G.

Lauver, Richard W., to United States of America, National Aeronautics and Space Administration. Chemical approach for controlling nadimide cure temperature and rate. 4,495,339, 1-22-85, Cl. 526-262.000.

Lauver, Richard W., to United States of America, National Aeronautics and Space Administration. Chemical approach for controlling nadimide cure temperature and rate with maleimide. 4,497,939, 2-5-85, Cl. 526-262.000.

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Lauvray, Georges R. P. L.; and Darche, Michel J. P., to Societe ECA. Process and arrangement for aerial observation and/or communication for a submerged submarine. 4,533,945, 8-6-85, Cl. 358-109.000.

Laux, Keith R.; and Getgey, William F., to Idea Development Company, Inc. Aerial toy. 4,506,894, 3-26-85, Cl. 273-425.000.

Lauzon, Rodrigue V., to Venture Innovations, Inc. Method of determining the optimum aqueous composition for preventing the swelling and dispersion of subterranean formation particles. 4,507,210, 3-26-85, Cl. 252-8.50A.

Lavagnino, Edward R.: *See—*
Greene, James M.; Lavagnino, Edward R.; Pike, Andrew J.; and Taylor, Edward C., 4,552,967, Cl. 546-307.000.

Laval, Claude C., Jr. Self-purging separator. 4,555,333, 11-26-85, Cl. 210-113.000.

Laval, Michel: *See—*
Allemand, Robert; and Laval, Michel, 4,510,394, Cl. 250-483.100.

LaValle, Pablo P.: *See—*
Sebenik, Roger F.; LaValle, Pablo P.; Laferty, John M.; and May, William A., 4,495,157, Cl. 423-54.000.

Lavallee, Francois A., to Essex Group, Inc. Titanium chelate modified nylon magnet wire insulation coating. 4,550,055, 10-29-85, Cl. 428-383.000.

Lavallee, Francois A., to Essex Group, Inc. Tetraalkyl titanate modified nylon magnet wire insulation coating. 4,551,398, 11-5-85, Cl. 428-383.000.

Lavallee, Pierre A.: *See—*
Banton, Martin E.; Lavallee, Pierre A.; Araghi, Mehdi N.; Daniele, Joseph J.; and Yip, Kwok L., 4,492,435, Cl. 350-360.000.

LaValley Industrial Plastics, Inc.: *See—*
LaValley, Richard W., 4,540,457, Cl. 156-182.000.

LaValley, Richard W. Shower pipes for rotary drum filter. 4,522,716, 6-11-85, Cl. 210-210.000.

LaValley, Richard W., to LaValley Industrial Plastics, Inc. Butterfly valve with pressurived O-ring seal. 4,540,457, 9-10-85, Cl. 156-182.000.

LaValley, Roger O.: *See—*
Seely, Earle S.; and LaValley, Roger O., 4,551,782, Cl. 361-151.000.

Lavanish, Jerome M., to PPG Industries, Inc. Herbicidal 3-[substituted 3- or 5-isoxazolyl]-1-4-, or 5-substituted-2-imidazolidinones. 4,507,145, 3-26-85, Cl. 71-092.000.

Lavanish, Jerome M., to PPG Industries, Inc. Herbicidally active isoxazol acetal ureas. 4,529,435, 7-16-85, Cl. 71-088.000.

Lavarini, Bernard, to Compagnie Generale d'Electricite. Gas flow laser oscillator. 4,520,486, 5-28-85, Cl. 372-95.000.

Lavash, Bruce W., to Procter & Gamble Company, The. Tissue paper product. 4,513,051, 4-23-85, Cl. 428-212.000.

Lavash, Bruce W., to Procter & Gamble Company, The. Disposable bib having fibrous topsheet wherein mother's-bond zone is impregnated with bonding material. 4,523,334, 6-18-85, Cl. 2-49.00R.

Lavaur, Jacques: *See—*
Auge, Jean; Lavaur, Jacques; and Assens, Michel, 4,549,358, Cl. 33-560.000.

Lave, Daniel: *See—*
Fabre, Jean-Louis, Farge, Daniel; James, Claude; and Lave, Daniel, 4,529,728, Cl. 514-227.000.
Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,539,400, Cl. 544-47.000.
Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,546,100, Cl. 514-231.000.
Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,547,504, Cl. 514-255.000.

La Velle, Carl A.: *See—*
Vicic, John C.; La Velle, Carl A.; and Parris, Joe P., III, 4,518,144, Cl. 251-1.00A.

Lavelle, Joseph A.: *See—*
Hutton, Thomas W.; and Lavelle, Joseph A., 4,507,454, Cl. 526-317.000.

Lavene, Bernard, to Electronic Concepts, Inc. Outer wrapping and planar terminations for a metallized wound capacitor and method therefor. 4,516,187, 5-7-85, Cl. 361-309.000.

Lavene, Bernard, to Electronic Concepts, Inc. Means and method for fabricating planar terminated capacitors. 4,538,205, 8-27-85, Cl. 361-308.000.

Lavene, Bernard, to Electronic Concepts, Inc. Metallized film wound capacitor having minimized inductive reactance and method therefor. 4,547,832, 10-15-85, Cl. 361-307.000.

Laverick, William J.; and Kendall, George A., to Wizer, Equipment, Inc. Sheet numbering machine. 4,541,338, 9-17-85, Cl. 101-316.000.

Lavering, Gordon R.: *See—*
Thiem, Carol J.; Lavering, Gordon R.; and Valier, Gerald A., 4,546,325, Cl. 330-45.000.

Laverman, Royce J., to Chicago Bridge & Iron Company. Thermal energy storage tank using modular heat batteries. 4,524,756, 6-25-85, Cl. 126-400.000.

Laverman, Royce J.; and Bertolazzi, Luciano F., to Chicago Bridge & Iron Company. Single tank for dual thermal energy storage with internal movable partition. 4,543,978, 10-1-85, Cl. 137-255.000.

Laverty, Michael P.: *See—*
Enter, Rudolf; and Laverty, Michael P., 4,520,270, Cl. 250-560.000.

Lavery, Ormond F., personal representative: *See—*
Abegg, M. Taylor; Peterson, John A.; Jessop, Harvey A., deceased; and Lavery, Ormond F., personal representative, 4,552,597, Cl. 149-2.000.

Laveyne, Michel; and Palvadeau, Claude, to Minemet Recherche; and Preussag-Weser-Zink GmbH. Process for the treatment of a purge solution particularly intended for a process for the extraction of zinc by electrolysis. 4,557,908, 12-10-85, Cl. 423-164.000.

Lavezzari, Carlo, to Zincroksid S.p.A. Process for the protection of galvanized steel rolled sections with a two layer chromium-chromate coating. 4,520,077, 5-28-85, Cl. 428-632.000.

Lavezzari, Carlo, to Zincroksid S.p.A. Protection process of flat rolled steel sections by means of multi-layer electrolytic plating in particularly aggressive environments. 4,548,872, 10-22-85, Cl. 428-633.000.

Lavi, Jukka: *See—*
Lovgren, Timo; and Lavi, Jukka, 4,501,813, Cl. 435-8.000.

Lavi, Sara, to Yeda Research and Development Company Ltd. Assays for the determination of carcinogenicity. 4,532,220, 7-30-85, Cl. 436-501.000.

Laviana, Lawrence J., to M. H. Rhodes, Inc. Adjustable stop time switch. 4,524,250, 6-18-85, Cl. 200-33.00R.

Lavie, Ram, to Technion Research and Development Foundation, Inc. Process for the manufacture of ammonia. 4,537,760, 8-27-85, Cl. 423-359.000.

Lavielle, Christian. Device for retaining in side-by-side relationship flexible tying means such as shoelaces. 4,514,882, 5-7-85, Cl. 24-16.0PB.

Lavielle, Gilbert: *See—*
Buzas, Andre; and Lavielle, Gilbert, 4,501,891, Cl. 546-149.000.

Lavigne, Eric: *See—*
Gold, Stanley; Newman, Robert; and Lavigne, Eric, 4,561,223, Cl. 52-202.000.

Lavigne, William J., Jr.: *See—*
Mount, Gordon L.; and Lavigne, William J., Jr., 4,538,422, Cl. 62-201.000.

Lavine, Michael K. Device for transmitting analog sensor data via fiber optics. 4,523,099, 6-11-85, Cl. 250-551.000.

Laviolette, Andre. Camera-protecting apparatus including a fan for deflecting particles. 4,534,632, 8-13-85, Cl. 354-81.000.

Laviolette, Pierre: *See—*
Bonnot, Guy; Laviolette, Pierre; Potiron, Andre; and Deysson, Jean-Yves, 4,521,353, Cl. 264-8.000.

Laviron, Andre; and Berard, Claude, to Commissariat a l'Energie Atomique. System for testing the malfunctioning or correct operation of a circuit with logic components. 4,520,309, 5-28-85, Cl. 324-73.00R.

Laviron, Andre; and Berard, Claude, to Commissariat a l'Energie Atomique. Combined logic signals generator. 4,547,861, 10-15-85, Cl. 364-715.000.

Laviron, Charles; Lecouls, Henri; and Mesaros, Louis. Process for the purification of sulfuric acid by-product from boron trifluoride synthesis. 4,520,006, 5-28-85, Cl. 423-531.000.

Lavochkin, Ronald B., to IMC Magnetics Corp. Heat dissipator for semiconductor devices. 4,509,839, 4-9-85, Cl. 357-81.000.

Lavoie, Gerald H.: *See—*
Caslavsky, Jaroslav L.; Lavoie, Gerald H.; Earle, William H.; and Viechnicki, Dennis J., 4,510,609, Cl. 373-110.000.

Lavoie, Gerard. Sink drain valve. 4,523,339, 6-18-85, Cl. 4-191.000.

Lavoie, Marvin E., to Tektronix, Inc. CRT focus control circuit. 4,529,915, 7-16-85, Cl. 315-382.000.

LaVoie, Marvin E.: *See—*
McClanahan, John B.; LaVoie, Marvin E.; Kelsoe, Wayne E.; and Wrobel, James, 4,510,482, Cl. 338-24.000.

LaVoie, Robert E.: *See—*
Agron, Michael H.; Buch, James R.; and LaVoie, Robert E., 4,517,557, Cl. 340-540.000.

Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., to Nauchno-Issledovatelsky Institut Po Biologicheskikm Ispytaniyam Khimicheskikh Soedineny. 9-amino-2,3,5,6,7,8-hexahydro-1H-cyclopenta(b)quinoline monohydrate hydrochloride as stimulant of neuromuscular transmission of smooth muscles. 4,550,113, 10-29-85, Cl. 514-290.000.

Law, Benjamin F.: *See—*
Gates, Guy W.; Bates, James F.; Larsen, John F.; and Law, Benjamin F., 4,502,351, Cl. 74-753.000.

Law, David, to Development Finance Corporation of New Zealand. Tapered nesting hinge. 4,543,687, 10-1-85, Cl. 16-388.000.

Law, Denny B., to Unique Functional Products. Vehicle suspension system. 4,500,113, 2-19-85, Cl. 280-716.000.

Law, Denny B.; and Goettker, Bernhardt P., to Unique Functional Products. Trailer with ramp. 4,514,132, 4-30-85, Cl. 414-537.000.

Law, Denny B., to Unique Functional Products. Gymnastic equipment. 4,531,731, 7-30-85, Cl. 272-145.000.

Law, Joseph P., to Thomas & Betts Corporation. Sealed cable connector. 4,493,522, 1-15-85, Cl. 339-94.00C.

Law, Kock-Yee; Johnson, Gordon E.; and Lin, John W. P., to Xerox Corporation. Ablative infrared sensitive devices containing soluble naphthalocyanine dyes. 4,492,750, 1-8-85, Cl. 430-494.000.

Law, Kock-Yee; and Bailey, Frank C., to Xerox Corporation. Photoconductive devices containing novel benzyl fluorinated squaraine compositions. 4,508,803, 4-2-85, Cl. 430-59.000.

Law, Kock-Yee, to Xerox Corporation. Process for squaraine compositions from half esters of squaric acid. 4,524,219, 6-18-85, Cl. 564-307.000.

Law, Kock-Yee, to Xerox Corporation. Process for the preparation of squaraine compositions in presence of amine component. 4,524,220, 6-18-85, Cl. 564-307.000.

Law, Kock-Yee; and Bailey, Frank C., to Xerox Corporation. Process for squaraine compositions. 4,525,592, 6-25-85, Cl. 564-307.000.

Law, Kock-Yee; and Johnson, Gordon E., to Xerox Corporation. Infrared sensitive phthalocyanine compositions. 4,529,688, 7-16-85, Cl. 430-494.000.

Law, Kock-Yee: *See—*

Barbetta, Angelo J.; Gruber, Robert J.; Isganitis, Louis V.; Law, Kock-Yee; Lin, John W.; Koch, Ronald J.; and Dunn, Steven T., 4,539,284, Cl. 430-110.000.

Law, Nin Y., to Soma Traders Ltd. Steering mechanism for self-powered vehicles and vehicles employing said steering mechanism. 4,545,776, 10-8-85, Cl. 446-443.000.

Law, Simon M. L.: *See—*

Zomorrodi, Mehrdad; Cheung, Li-Fung; and Law, Simon M. L., 4,550,254, Cl. 250-338.000.

Law, W. S.: *See—*

Vignerot, Eugene; and Law, W. S., 4,504,841, Cl. 346-104.000.

LaWhite, Eric L.; and Phillipps, Patrick G., to Lifeline Systems, Inc. Portable transmitter for emergency alarm system having watertight enclosure. 4,491,970, 1-1-85, Cl. 455-100.000.

Lawhorn, William S.; and Clinkenbeard, Ivan L., to LTV Aerospace and Defense Company. Small caliber guided projectile. 4,537,371, 8-27-85, Cl. 244-3.220.

Lawhorne, Earl R., to American Cyanamid Company. Process for the reduction of the viscosity of high solids pigment slurries. 4,536,268, 8-20-85, Cl. 204-182.400.

Lawing, Stephen E.: *See—*

Allred, Neal C., III, 4,545,338, Cl. 123-90.150.

Lawless, Jacques. Detector of the flowing of a fluid in a pipe and energy saving device for a hot water system using this detector. 4,497,434, 2-5-85, Cl. 236-23.000.

Lawless, William N.; Cross, Leslie E.; and Steyert, William A. Miniature solid-state gas compressor. 4,515,534, 5-7-85, Cl. 417-322.000.

Lawless, William N.; and Clark, C. Frederick, Jr., to CeramPhysics, Inc. Materials and methods for pressure and temperature sensors at cryogenic temperatures. 4,545,254, 10-8-85, Cl. 73-714.000.

Lawless, William N. Oxygen separator. 4,547,277, 10-15-85, Cl. 204-252.000.

Lawlor, Kevin. Shock resistant shoe sole. 4,494,321, 1-22-85, Cl. 36-28.000.

Lawn, Richard M.: *See—*

Bock, Susan C.; and Lawn, Richard M., 4,517,294, Cl. 435-70.000.

Lawniczak, Gary P.: *See—*

Holzhauser, Ronald C.; McGlen, James A.; and Lawniczak, Gary P., 4,520,977, Cl. 248-201.000.

Lawrence, Brent. Wood stove. 4,502,462, 3-5-85, Cl. 126-77.000.

Lawrence Brothers, Inc.: *See—*

Johnson, Larry; and Uphoff, Billie J., 4,513,554, Cl. 52-657.000.

Johnson, Larry, 4,513,555, Cl. 52-657.000.

Johnson, Larry, 4,538,323, Cl. 16-98.000.

Johnson, Larry, 4,552,094, Cl. 119-27.000.

Uphoff, Billie J., 4,513,535, Cl. 49-409.000.

Lawrence, Charles C.: *See—*

Rifkin, Gary L.; Lawrence, Charles C.; Zilber, Sam; and Hamby, Michael, 4,555,749, Cl. 362-249.000.

Lawrence, Christopher J.; Wilkinson, Philip M.; and Atkinson, Colin, to Rieter-Scragg Limited. Apparatus for false twisting yarn. 4,510,744, 4-16-85, Cl. 57-280.000.

Lawrence, Christopher J.: *See—*

Brough, Denys W.; and Lawrence, Christopher J., 4,549,361, Cl. 34-17.000.

Lawrence, Dale M.: *See—*

Auth, David C.; Opie, Eric A.; and Lawrence, Dale M., 4,532,924, Cl. 128-303.170.

Lawrence, David J.; Abbas, Daniel C.; Phelps, Daniel J.; and Smith, Frank T. J., to Eastman Kodak Company. Transparent electrode light emitting diode and method of manufacture. 4,495,514, 1-22-85, Cl. 357-67.000.

Lawrence, Fitzroy L.; and Tinios, Pantelis G., to Westinghouse Electric Corp. Elevator system. 4,503,939, 3-12-85, Cl. 187-29.00R.

Lawrence, George J., to AMP Incorporated. Contact element. 4,514,032, 4-30-85, Cl. 339-278.00C.

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Lawrence, James, to Sanders Associates, Inc. Releasable pen block guide. 4,540,994, 9-10-85, Cl. 346-139.00R.

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Lawrence, John N.; and Sandor, Istvan, to Bio-Chem Valve Corp. Pinch valve. 4,524,802, 6-25-85, Cl. 137-595.000.

Lawrence, John P.; and Felfeli, Manoucher, to DeMarco Energy Systems, Inc. Heat pump. 4,538,418, 9-3-85, Cl. 62-79.000.

Lawrence, Larry D.; Sudweeks, Walter B.; and Larsen, Raymond D., to IRECO Incorporated. Formulating and delivery system for emulsion blasting. 4,526,633, 7-2-85, Cl. 149-109.600.

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Lawrence, Robert H., Jr.; and Hill, Phillip E., to Agrigenetics Research Associates Limited. Hybrid Brassica seed production. 4,499,687, 2-19-85, Cl. 47-58.000.

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Lawrenson, Malcolm J., to BP Chemicals Limited. Dismutation of functionalized olefins. 4,556,741, 12-3-85, Cl. 568-395.000.

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Laws, Harold H.; Caruso, Bart P.; and Hascall, James G., to Olin Corporation. High speed production of multiple gauge strip. 4,523,364, 6-18-85, Cl. 29-33.00S.

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Fleming, James W., 4,550,873, Cl. 229-30.000.
Lawson, Kenneth L., to Rain Bird Sprinkler Mfg. Corp. Drive assembly for a reaction drive sprinkler. 4,537,356, 8-27-85, Cl. 239-230.000.
Lawson, Lawrence J., to Dominion Tool & Die Company, Inc. Tire and wheel alignment system. 4,547,945, 10-22-85, Cl. 29-407.000.
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Lax, Ronald G.; Johnson, Robert G.; Henningsen, Charles G.; and Ellis, J. Scott, to Quintec Interconnect Systems. Shielded connector and method of forming same. 4,514,029, 4-30-85, Cl. 339-143.00R.
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Lay, Joachim E. Rotary turboengine and supercharger. 4,504,196, 3-12-85, Cl. 417-355.000.
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Lay, Khin M.; Palguta, Stephen E.; Fernandez, Ramon B.; and Cabalquinto, Santiago C., to Hitco. Method for introducing heat-sensitive material into a hot environment. 4,501,037, 2-26-85, Cl. 8-149.200.
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Layton, James E., to Phillips Petroleum Company. Waveform generator. 4,532,434, 7-30-85, Cl. 307-261.000.
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Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., to Moskovsky Gosudarstvenny Universitet Imeni M.V. Lomonosova. Process for producing fine-crystalline α-quartz. 4,529,430, 7-16-85, Cl. 65-33.000.
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Lazarz, Christine A.; and Cook, Edward H., Jr., to Occidental Chemical Corporation. Method of electrolyzing brine with stable low voltage microporous diaphragm in electrolytic cells. 4,498,961, 2-12-85, Cl. 204-98.000.
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- Leach, Douglas R., to Hercules Incorporated. Method of making cellular crosslinked poly(dicyclopentadiene). 4,496,669, 1-29-85, Cl. 521-93.000.
- Leach, Earl A., Jr., to Allied Corporation. Mounting assembly for a speed sensor. 4,511,840, 4-16-85, Cl. 324-160.000.
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- Leach, Jack, to Burlington Industries, Inc. Geotextile fabric construction. 4,540,311, 9-10-85, Cl. 404-72.000.
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- Leach, Jerald G., to Texas Instruments Incorporated. Low power clock generator circuit. 4,535,465, 8-13-85, Cl. 377-46.000.
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- Leary, James J., to C. R. Bard, Inc. Steerable guide wire for balloon dilatation procedure. 4,545,390, 10-8-85, Cl. 128-772.000.
- Leary, John F., to Watlow Electric Manufacturing Company. Electric cast-metal heater. 4,558,210, 12-10-85, Cl. 219-535.000.
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  - Mlinaric, Jerry; Leary, William; and Mummery, Robert J., 4,508,485, Cl. 414-458.000.
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  - Leas, Arnold M.; and Leas, Lawrence E., 4,498,290, Cl. 60-39.550.
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  - Leatherman, Ralph W.; and Leatherman, Boyce, 4,507,566, Cl. 290-38.00R.
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- Leavitt, Dale L.: *See—*
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- Leavitt, Mark K.: *See—*
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  - Wortman, Donald E.; Morrison, Clyde A.; and Leavitt, Richard P., 4,545,056, Cl. 372-2.000.
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  - Binder, Dieter, 4,499,286, Cl. 548-527.000.
- Leavoy, Wayne P.: *See—*
  - Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., 4,534,935, Cl. 419-23.000.
- Leavy, Dale A.: *See—*
  - Elam, Carl M.; and Leavy, Dale A., 4,554,584, Cl. 358-165.000.
- Le Bail, Albert: *See—*
  - Lamy, Jean-Michel; and Le Bail, Albert, 4,492,130, Cl. 74-473.00P.
- Le Barny, Pierre: *See—*
  - Dubois, Jean-Claude; Ravaux, Gilles; and Le Barny, Pierre, 4,545,921, Cl. 252-299.620.
- le Bars, Christian. Automatic hoist and traversing apparatus. 4,546,890, 10-15-85, Cl. 212-98.000.
- LeBate, Michael D., II: *See—*
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Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.

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Hareng, Michel; Hehlen, Robert; Marcenac, Philippe; Le Berre, Serge; Leclerc, Pierre; and Perbet, Jean-Noel, 4,525,708, Cl. 340-713.000.

Le Besco, Joel V.: *See—*

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Le Blanc, Helmut; and Wedemeyer, Karlfried, to Bayer Aktiengesellschaft. Process for the preparation of alkyl-substituted anilines. 4,496,763, 1-29-85, Cl. 564-402.000.

LeBlanc, J. T. Apparatus and process for placement of prefabricated structures. 4,517,781, 5-21-85, Cl. 52-299.000.

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LeBlanc, James C.; and LeBlanc, Richard S., to General Motors Corporation. Weapon control system. 4,558,627, 12-17-85, Cl. 89-41.030.

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LeBlanc, John R.: *See—*

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LeBlanc, Robert A.: *See—*

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Le Blanc Smith, Guy; and Howard, Derik, to Grathnail Development Company Limited. Method of and apparatus for mining analysis. 4,495,804, 1-29-85, Cl. 73-152.000.

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Hebert, Philip J.; and Blanchette, Leon G., 4,535,750, Cl. 126-41.00B.

LeBlond, Charles E.; and LeBlond, Henri, to Hamelin Industries, Inc. Wheel hub including structure for attachment of accessories. 4,508,392, 4-2-85, Cl. 301-63.0PW.

LeBlond, Claude W., to Gerber Garment Technology, Inc. Method and apparatus for indexing sheet material. 4,512,079, 4-23-85, Cl. 33-1.00M.

Leblond, Claude W., to Gerber Garment Technology, Inc. Method and apparatus for forming pattern pieces. 4,524,894, 6-25-85, Cl. 225-2.000.

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Stravitz, David M., 4,512,468, Cl. 206-387.000.

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Lebre, Charles J. P. Fork-lift truck with synchronized variable travelling and lifting surfaces. 4,502,568, 3-5-85, Cl. 187-9.00R.

Lebreton, Jacques: *See—*

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Lebsock, Kenneth L.: *See—*

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Lebsock, Robert A., to United States of America, Army. Rotary union for high pressure gas. 4,561,681, 12-31-85, Cl. 285-276.000.

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Lecat, Jean: *See—*

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Leccese, Antonio: *See—*

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  Lutz, Hans, 4,491,219, Cl. 206-216.000.
Lechler, Gerhard. Dynamometer device. 4,530,249, 7-23-85, Cl. 73-862.540.
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  Junger, Martin; and Floegel, Karl, 4,540,123, Cl. 239-102.000.
  Nieuwkamp, Wolfgang; and Mezger, Sepp, 4,556,822, Cl. 239-403.000.
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  Hofbauer, Edwin; Lechner, Peter; and Exler, Heribert, 4,551,051, Cl. 414-21.000.
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  Chandler, Donald E.; Chisholm, William M.; and Lechner, Ralph T., 4,515,354, Cl. 269-15.000.
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  O'Brien, Larry S.; and Kaler, Ward S., 4,522,787, Cl. 422-78.000.
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  Sitek, George J.; and Walker, Sherman L., 4,522,788, Cl. 422-78.000.
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Lecomte, Francois. Sail ski device. 4,534,305, 8-13-85, Cl. 441-73.000.
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  Metzger, Jean; Lecouls, Henri; Colombe, Philippe; and Wojcik, Jean, 4,520,001, Cl. 423-332.000.
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  Slavin, Michael; and Miller, Ellsworth S., 4,538,045, Cl. 219-91.210.
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Ledeen, William P.: *See*—
  Ledeen, Howard L.; and Ledeen, William P., 4,540,025, Cl. 137-625.320.
Leder, Lewis B., to Xerox Corporation. Process for forming alloy layer. 4,513,031, 4-23-85, Cl. 427-250.000.
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  Herold, Julius; Kluth, Hermann; Meffert, Alfred; and Leder, Manfred, 4,551,517, Cl. 528-60.000.
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  Westly, Pernie E.; and Leder, Uri, 4,512,505, Cl. 226-101.000.
Lederer, Armin: *See*—
  Bergmann, Michael J.; Lederer, Armin; and Walliser, Norbert, 4,491,823, Cl. 338-174.000.
Lederer, William H.: *See*—
  Gorman, Esther M.; Gorman, William W., Jr.; and Lederer, William H., 4,492,759, Cl. 436-72.000.

Lederhose, Edgar K.: *See—*
- Bouffard, Jean; Dumoulin, Andre; and Lederhose, Edgar K., 4,523,423, Cl. 57-59.000.
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- Kishi, Ikuo; and Yoshida, Hideo, 4,533,546, Cl. 424-81.000.
- Sakai, Kunikazu; Tunemoto, Daiei; Kobori, Takeo; and Kondo, Kiyosi, 4,540,794, Cl. 548-127.000.

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Lederman, Frederick E., to General Motors Corporation. Unitized steering column bearing assembly. 4,541,742, 9-17-85, Cl. 384-518.000.

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Lederman, Frederick E., to General Motors Corporation. Clutch release bearing assembly. 4,555,190, 11-26-85, Cl. 384-495.000.

Lederrey, Marc, to Montes Rado S.A. Watchcase. 4,561,783, 12-31-85, Cl. 368-309.000.

Ledet, Stephen J., Jr.: *See—*
- Bergeron, Hervin J., Jr., 4,505,325, Cl. 165-45.000.
- Bergeron, Hervin J., Jr., 4,538,507, Cl. 96-31.500.
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Ledewitz, William. Collapsible dispensing container. 4,493,439, 1-15-85, Cl. 222-94.000.

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Ledgerwood, Harry J., to Plessey Incorporated. Pipe joint coupling. 4,538,839, 9-3-85, Cl. 285-236.000.

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- Leding, Kenneth J., 4,533,019, Cl. 184-14.000.

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- Carter, James H.; Ledis, Stephen L.; and Crews, Harold R., 4,521,518, Cl. 436-10.000.
- Carter, James H.; Ledis, Stephen L.; Crews, Harold R.; Sens, Ted; and Larsen, Fred L., 4,528,274, Cl. 436-10.000.

Ledjeff, Konstantin: *See—*
- Kraft, Helmut; and Ledjeff, Konstantin, 4,497,880, Cl. 429-86.000.

Ledley, Robert E.: *See—*
- Polleck, Richard E.; Scott, Kenneth A.; and Ledley, Robert E., 4,491,516, Cl. 208-248.000.

Lednor, Peter W.: *See—*
- Hoek, Arend; Post, Martin F. M.; Minderhoud, Johannes K.; and Lednor, Peter W., 4,499,209, Cl. 518-707.000.

Le Donne, Giovanni G., to Horix Manufacturing Co. Valve tip for filling apparatus. 4,553,574, 11-19-85, Cl. 141-286.000.

Ledoux, Robert V.: *See—*
- Keeley, James W.; Ledoux, Robert V.; and Negi, Virendra S., 4,562,536, Cl. 364-200.000.

LeDrew, Robert B., to Williamsburg Packaging Corporation. Box for display and dispensing articles. 4,493,453, 1-15-85, Cl. 229-17.00B.

LeDu, Bertrand: *See—*
- Huignard, Jean Pierre; and LeDu, Bertrand, 4,543,662, Cl. 455-600.000.

Le Du, Jean-Claude: *See—*
- Jacquet, Maurice; and Le Du, Jean-Claude, 4,492,361, Cl. 251-356.000.

LeDuc, Kenneth C.: *See—*
- Madden, James A.; and LeDuc, Kenneth C., 4,502,213, Cl. 29-730.000.

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- Henrard, Jose ; Jacquemin, Marie-Noelle; and Leduc, Michel, 4,503,299, Cl. 200-61.520.

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Ledvina, Timothy J.; and Mead, Robert H., to Borg-Warner Corporation. Power transmission chain. 4,509,937, 4-9-85, Cl. 474-213.000.

Ledvina, Timothy J.: *See—*
- Cole, Edward H., Jr.; and Ledvina, Timothy J., 4,512,754, Cl. 474-245.000.

Lee, Agnes Y.: *See—*
- Cole, Ernest R., Jr.; Lee, Agnes Y.; and Paulson, Danton L., 4,500,398, Cl. 204-117.000.

Lee, Andrew L.: *See—*
- Nicholson, Timothy J. H.; Lee, Andrew L.; and Roberts, Clifford, 4,508,301, Cl. 248-250.000.

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Lee, Arnold S. J. Multi-pressure manometer. 4,537,079, 8-27-85, Cl. 73-747.000.

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Lee, Calvin K.; and Rapacz, Deirdre T., to United States of America, Army. Composite thermal insulation liner. 4,500,592, 2-19-85, Cl. 428-251.000.

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- Nielsen, Steven T.; and Lee, Carleton C., 4,511,349, Cl. 494-16.000.

Lee, Cecil D. Ultrasonic method and apparatus for cleaning transmissions. 4,561,902, 12-31-85, Cl. 134-1.000.

Lee, Chain-Hsiang. Extension table with single leg. 4,553,485, 11-19-85, Cl. 108-86.000.

Lee, Charles A.: *See—*
- Berenz, John J.; Dalman, G. Conrad; and Lee, Charles A., 4,551,904, Cl. 29-571.000.

Lee, Charles C.; and Owen, Richard, to Minnesota Mining and Manufacturing Company. Laser diode printer. 4,492,970, 1-8-85, Cl. 346-160.000.

Lee, Charles K.; Peters, Rex B.; and Gogic, Aleksandar M., to Sundstrand Data Control, Inc. Counting apparatus and method for frequency sampling. 4,541,105, 9-10-85, Cl. 377-19.000.

Lee, Chee M.: *See—*
- Pugh, Stuart; Smith, Douglas G.; Lee, Chee M.; Parr, Leslie R.; Birkett, John N.; Stibbs, Richard G.; and Tai, Tet C., 4,515,333, Cl. 248-122.000.

Lee, Cheng H., to Abcor, Inc. Separation membrane and method of preparing and using same. 4,527,999, 7-9-85, Cl. 55-16.000.

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- Kim, Wan J.; Lee, Cheol H.; and Lee, Moon H., 4,513,134, Cl. 544-16.000.

Lee, Chi C., to Du Pont de Nemours, E. I., and Company. Stretched-and-bonded polyethylene plexifilamentary nonwoven sheet. 4,554,207, 11-19-85, Cl. 428-288.000.

Lee, Chi H.: *See—*
- Lang, Gordon R.; Longstaff, Fred M.; and Lee, Chi H., 4,514,855, Cl. 375-97.000.
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Lee, Chi-Long; Maxson, Myron T.; and Rabe, James A., to Dow Corning Corporation. Foamable polyorganosiloxane compositions. 4,550,125, 10-29-85, Cl. 521-117.000.

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Lee, Chi-Long: *See—*
- Bauman, Therese M.; and Lee, Chi-Long, 4,529,741, Cl. 521-99.000.
- Bauman, Therese M.; and Lee, Chi-Long, 4,548,958, Cl. 521-122.000.
- Bauman, Therese M.; and Lee, Chi-Long, 4,552,901, Cl. 521-122.000.
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Lee, Chie-Ying; West, James D.; and Cole, Gerald F., to Alfa-Laval, Inc. Underflow concentration control for nozzle centrifuges. 4,505,697, 3-19-85, Cl. 494-35.000.

Lee, Chin-Chen, to Racal Data Communications Inc. Switched-capacitor circuit analog-to-digital converter. 4,529,965, 7-16-85, Cl. 340-347.0AD.

Lee, Ching-Pang, to General Electric Company. Angled turbulence promoter. 4,514,144, 4-30-85, Cl. 416-96.00R.

Lee, Ching W., to GTE Automatic Electric Laboratories Incorporated. Acoustic surface wave device. 4,516,094, 5-7-85, Cl. 333-194.000.

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Lee, Chung H.; Fronduto, John; and Oettinger, Peter E., to Thermo Electron Corporation. Electrolytic deposition of metals on laser-conditioned surfaces. 4,519,876, 5-28-85, Cl. 204-15.000.

Lee, Chung J., to Plastics Engineering Company. Process for the preparation of fast crystallizing polyalkyleneterephthalate resin compositions. 4,558,085, 12-10-85, Cl. 524-299.000.

Lee, Chung J., to General Electric Company. Crystalline silicone-imide copolymers. 4,558,110, 12-10-85, Cl. 528-26.000.

Lee, Chung-Yang. Modulation rule. 4,552,052, 11-12-85, Cl. 84-473.000.

Lee, Clifford C., to Phillips Petroleum Company. Catalyst and olefin polymerization. 4,562,168, 12-31-85, Cl. 502-107.000.

Lee Company, The: *See—*
- Lee, Leighton, II, 4,491,156, Cl. 137-870.000.

Lee, Leighton, II; O'Dell, Gerald W.; and Holtermann, Ludwig K., 4,492,360, Cl. 251-129.000.

Lee, David L., to Stauffer Chemical Company. Certain 1,3-cyclohexanedione adducts of substituted phenoxyphenoxypropionic acids and their use as an herbicide. 4,544,399, 10-1-85, Cl. 71-88.000.

Lee, David L.: *See—*
  Carter, Charles G.; and Lee, David L., 4,554,014, Cl. 71-94.000.

Lee, David M.; and Lindquist, Lloyd O., to United States of America, Energy. Method and apparatus for measuring reactivity of fissile material. 4,493,810, 1-15-85, Cl. 376-254.000.

Lee, David N.; and Tanner, William M., to General Motors Corporation. Vehicle body sealing arrangement. 4,549,761, 10-29-85, Cl. 296-206.000.

Lee, Denny L. Y.; and Hay, Robert D., to Du Pont de Nemours, E. I., and Company. NMR imaging apparatus. 4,498,048, 2-5-85, Cl. 324-307.000.

Lee, Denny L. Y., to Du Pont de Nemours, E. I., and Company. Compton scattering gamma radiation camera and method of creating radiological images. 4,529,882, 7-16-85, Cl. 250-363.00S.

Lee, Do I.: *See—*
  Keskey, William H.; Schuetz, James E.; and Lee, Do I., 4,508,869, Cl. 524-808.000.
  Tsurumi, Michio; and Lee, Do I., 4,515,914, Cl. 523-201.000.

Lee, Donald L.: *See—*
  Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,511,817, Cl. 310-313.00A.
  Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,525,643, Cl. 310-313.00A.

Lee, Duck H. Lever means in a tag attaching apparatus. 4,502,622, 3-5-85, Cl. 227-67.000.

Lee, Duk H.; Feierberg, Susan; and O'Brien, Robert E., to Du Pont de Nemours, E. I., and Company. Water soluble fluor compositions. 4,522,742, 6-11-85, Cl. 252-301.160.

Lee, Edward A.; and Shaw, David G., to AT&T Bell Laboratories. Simultaneous transmission of speech and data over an analog channel. 4,523,311, 6-11-85, Cl. 370-69.100.

Lee, Edward P., deceased: *See—*
  Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.

Lee, Ernest O., Jr.: *See—*
  Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Lee, Francis C.; Mills, Ross N.; Niweigha, Tiefa K.; and Talke, Frank E., to International Business Machines Corporation. Dynamic control of nonlinear ink properties for drop-on-demand ink jet operation. 4,492,968, 1-8-85, Cl. 346-140.00R.

Lee, Francis C.; Mills, Ross N.; Payne, Robert N.; and Talke, Frank E., to International Business Machines Corporation. Spot size modulation using multiple pulse resonance drop ejection. 4,513,299, 4-23-85, Cl. 346-140.00R.

Lee, Frank. Twist set ratchet wrench. 4,528,873, 7-16-85, Cl. 81-57.290.

Lee, Frank W. C.; and Baron, Kenneth S., to Hexcel Corporation. Single package epoxy resin system. 4,533,715, 8-6-85, Cl. 528-45.000.

Lee, Frank X.; Krimsky, Leonard C.; and Van Rietschoten, Henk, to Worldwide Converting Machinery, Inc. Rotary cutoff knife. 4,530,265, 7-23-85, Cl. 83-337.000.

Lee, Frederick C.: *See—*
  De Boynton, William L.; Lee, Frederick C.; Wilson, Bruce E.; and O'Rourke, John F., 4,559,711, Cl. 33-199.00R.

Lee, Fu-Ming; and Pahl, Robert H., to Phillips Petroleum Company. Dehydration of alcohol with extractive distillation. 4,559,109, 12-17-85, Cl. 203-19.000.

Lee, Fui-Tseng H.; Juelke, Charles V.; and Finley, Joseph H., to FMC Corporation. Mixed phenyl/mesityl phosphate ester composition. 4,511,498, 4-16-85, Cl. 252-609.000.

Lee, Fui-Tseng H.; and Green, Joseph, to FMC Corporation. Polyurethane elastomer composition. 4,555,562, 11-26-85, Cl. 528-72.000.

Lee, George A., to Dow Chemical Company, The. Electron rich aromatics as cure promoters for radiation curable compositions. 4,523,982, 6-18-85, Cl. 204-159.150.

Lee, George E.; and Lee, Thomas B. K., to Hoechst-Roussel Pharmaceuticals Inc. Stereoselective reduction of 2- or 3-substituted 4-piperidones with sodium borohydride. 4,496,732, 1-29-85, Cl. 546-216.000.

Lee, Gerry A.: *See—*
  McCumber, Roger D.; Peterson, Thomas L.; and Lee, Gerry A., 4,560,293, Cl. 400-61.000.

Lee, Gim F., Jr., to General Electric Company. Plasticized reinforced compositions of a polyphenylene ether resin. 4,525,508, 6-25-85, Cl. 524-140.000.

Lee, Gim F., Jr.; and Williams, Robert A., to General Electric Company. Mineral filled polyphenylene ether resin compositions containing polytetrafluoroethylene resin. 4,532,281, 7-30-85, Cl. 524-141.000.

Lee, Gim F., Jr.: *See—*
  Bennett, James G., Jr.; and Lee, Gim F., Jr., 4,513,120, Cl. 525-316.000.

Lee, Gordon J.: *See—*
  Cheadle, Brian E.; and Lee, Gordon J., 4,497,364, Cl. 165-134.00R.

Lee, Grady E.: *See—*
  Dawson, Raymond L.; Dodd, Clayton; Harrell, Bobby E.; and Lee, Grady E., 4,553,438, Cl. 73-830.000.

Lee, Harry W., Jr.; and Wallace, Joseph W., to Reynolds Metals Company. Can body bottom configuration. 4,515,284, 5-7-85, Cl. 220-70.000.

Lee, Hong H.; and Miller, Dennis J., to University of Florida. Method and apparatus for determining relative surface areas of a coated material on a substrate. 4,496,249, 1-29-85, Cl. 374-7.000.

Lee, Hyo C.: *See—*
  Beshty, Bahjat S.; Hatfield, W. Robert; Lee, Hyo C.; Heck, Ronald M.; and Hsiung, Thomas H., 4,526,614, Cl. 75-83.000.

Lee, Ivan S., to Polysar Limited. Pressure sensitive adhesives. 4,508,864, 4-2-85, Cl. 524-187.000.

Lee, James F. Portable barbecue system. 4,526,158, 7-2-85, Cl. 126-9.00R.

Lee, James K.: *See—*
  Martin, William A.; and Lee, James K., 4,504,132, Cl. 354-195.100.

Lee, James S.: *See—*
  Chow, Kwong-Wai; Lau, Alfred T. Y.; Chow, Ming-Ngar; and Lee, James S. W., 4,516,954, Cl. 446-461.000.

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Lee, James S. W.: *See—*
  Chow, Kwong-Wai; Lau, Alfred T. Y.; Chow, Ming-Ngar; and Lee, James S. W., 4,516,954, Cl. 446-461.000.

Lee, Janice N., executrix: *See—*
  Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.

Lee, Jeffrey H.: *See—*
  Wilkinson, Maxwell; Patten, Malcolm J.; and Lee, Jeffrey H., 4,561,267, Cl. 66-178.00A.

Lee, Jimmy D. Polyurethane foamed in-situ against skin terpolymer comprising ethylene and propylene. 4,500,596, 2-19-85, Cl. 428-317.500.

Lee, Jin P., to Leeco Diagnostics, Inc. Activated polymer container means and assay method employing the same. 4,506,019, 3-19-85, Cl. 436-500.000.

Lee, John D.: *See—*
  Lee, Richard J.; and Lee, John D., 4,512,235, Cl. 86-23.000.

Lee, John F., to Federal Paper Board Co., Inc. Light-tight carton for X-ray and other light sensitive film. 4,552,268, 11-12-85, Cl. 206-455.000.

Lee, John J.: *See—*
  Hu, Victor L.; Mauldin, Larry W.; and Lee, John J., 4,561,449, Cl. 128-746.000.

Lee, John M.; and Bauman, William C., to Dow Chemical Company, The. Removal of $Mg^{+}+$ and $Ca^{+}+$ ions from NaCl brine. 4,522,951, 6-11-85, Cl. 521-28.000.

Lee, John N. Polychromatic time-integrating optical processor for high-speed ambiguity processing. 4,531,195, 7-23-85, Cl. 364-822.000.

Lee, John T.: *See—*
  Lin, Yeong S.; Ballard, Nathan T.; Lee, John T.; and Teng, Edward F., 4,552,820, Cl. 428-611.000.

Lee, John T. M., to ICI Americas Inc. Emergency vapor powered pump assembly. 4,527,634, 7-9-85, Cl. 169-13.000.

Lee, John Y.; and Wolfram, Joachim W., to Ethyl Corporation. Process for preparing arylalkylpyruvic acids. 4,492,798, 1-8-85, Cl. 562-406.000.

Lee, John Y.; and Frey, Frederick W., to Ethyl Corporation. Process for preparing tertiary phosphines. 4,507,504, 3-26-85, Cl. 568-17.000.

Lee, John Y.; and Bauer, Dennis P., to Ethyl Corporation. Process for preparing tertiary phosphines. 4,514,575, 4-30-85, Cl. 568-17.000.

Lee, John Y.: *See—*
  Frey, Frederick W.; and Lee, John Y., 4,507,503, Cl. 568-17.000.

Lee, Jong S. Combined storing and slicing device for a stick of butter or margarine or the like. 4,513,501, 4-30-85, Cl. 30-115.000.

Lee, Joseph C., to United States of America, Air Force. Compact broadband rectangular to coaxial waveguide junction. 4,558,290, 12-10-85, Cl. 333-126.000.

Lee, Joseph K. Extendible safety impact bags for vehicles. 4,518,183, 5-21-85, Cl. 293-118.000.

Lee, Joseph M.; and Lane, Robert C. Cube icemaker with rotary ice remover means. 4,549,408, 10-29-85, Cl. 62-320.000.

Lee, Joseph Y.: *See—*
  D'Agostino, Vincent F.; Lee, Joseph Y.; Zapisek, Stephen; and Schore, George, 4,500,396, Cl. 204-107.000.
  D'Agostino, Vincent F.; Lee, Joseph Y.; Zapisek, Stephen; and Schore, George, 4,543,169, Cl. 204-105.00R.

Lee, Julia L.: *See—*
  Crivello, James V.; and Lee, Julia L., 4,529,490, Cl. 204-159.110.

Lee, Kang I.; and Jopson, Harriet, to GTE Automatic Electric Laboratories Incorporated. Electrically conductive blends of an acetylene polymer and an elastomer having low unsaturation. 4,510,075, 4-9-85, Cl. 252-500.000.

Lee, Kang I.; and Jopson, Harriet, to GTE Automatic Electric Laboratories Incorporated. Electrically conductive polymer blends of an acetylene polymer and a triblock thermoplastic elastomer. 4,510,076, 4-9-85, Cl. 252-500.000.

Lee, Kang I.; Jensen, William; and Cukor, Peter, to GTE Automatic Electric Laboratories Incorporated. High resolution lithographic resist and method. 4,548,893, 10-22-85, Cl. 430-296.000.

- Lee, Kenneth: *See—*
  - Best, John S.; Lee, Kenneth; and Tsang, Ching H., 4,547,824, Cl. 360-113.000.
  - Szemeredi, Robert S.; Tarnay, Matthew G.; and Lee, Kenneth, 4,502,165, Cl. 4-192.000.
- Lee, Kenneth R.: *See—*
  - Cedrone, Nicholas J.; and Lee, Kenneth R., 4,534,605, Cl. 339-75.00M.
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- Lee, Kien-yin, to United States of America, Energy. Preparation of ethylenediamine dinitrate. 4,539,430, 9-3-85, Cl. 564-511.000.
- Lee, Kien-yin; and Coburn, Michael D., to United States of America, Energy. Ethylenediamine salt of 5-nitrotetrazole and preparation. 4,552,598, 11-12-85, Cl. 149-47.000.
- Lee, Kiu H.; and Cieloszyk, Gary S., to Union Carbide Corporation. Catalyst impregnated on fine silica, process for preparing, and use for ethylene polymerization. 4,521,573, 6-4-85, Cl. 526-125.000.
- Lee, Kwok P.: *See—*
  - Chan, Dominic K.; Lee, Kwok P.; and Martin, Ronald B., 4,556,972, Cl. 370-60.000.
- Lee, Kyu H., to Extracorporeal Medical Specialties Inc. Dialysis apparatus and technique. 4,496,458, 1-29-85, Cl. 210-90.000.
- Lee, Kyung-Suk, to Daewoo Electronic Co. Telecontrol system for an audio recorder of a radio telephone. 4,500,752, 2-19-85, Cl. 179-2.0EA.
- Lee L. Woodard, Inc.: *See—*
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  - Fey, Kenneth C.; and Lefler, Harold V., III, 4,554,331, Cl. 525-478.000.
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  - LaBarge, Robert L.; Leftault, Charles J., Jr.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Horansky, Frank J.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,519,307, Cl. 100-99.000.
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  - Houdayer, Bernard; Le Fur, Bernard; Meneghin, Rene ; and Moniod, Jean-Michel, 4,555,208, Cl. 413-2.000.
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- Le Gallais, Raymond, to GKN Technology Limited. Leaf springs of composite material. 4,505,460, 3-19-85, Cl. 267-54.00R.
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- Leger, Andre: *See—*
  - Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, 4,550,110, Cl. 514-254.000.
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  - Le Quan, Nhuong; Cruypelinck, Daniel; Commereuc, Dominique; Chauvin, Yves; and Leger, Gerard, 4,532,370, Cl. 585-512.000.
- Leger, Joachim. Material and component testing machine. 4,517,843, 5-21-85, Cl. 73-847.000.
- Leger, Raymond A., to Cherry Electrical Products Corporation. Electrical appliance interlock switch with improved buss. 4,547,634, 10-15-85, Cl. 200-50.00C.
- Leger, Raymond A.: *See—*
  - Lewandowski, Raymond; and Leger, Raymond A., 4,528,430, Cl. 200-61.620.
- Leger, Robert: *See—*
  - Denis, Jacques; Sillion, Bernard; Damin, Bernard; and Leger, Robert, 4,511,369, Cl. 44-62.000.
  - Durand, Jean-Pierre; Dawans, Francois; Damin, Bernard; and Leger, Robert, 4,503,182, Cl. 524-474.000.
- Legg, Ernest L.: *See—*
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  - Federico, Anthony M.; Ippolito, Ronald A.; and Legg, Ernest L., 4,532,584, Cl. 364-140.000.
  - Federico, Anthony M.; Legg, Ernest L.; Wilczek, Stephen P.; Prasad, Hari K.; and Petery, James J., 4,550,382, Cl. 364-572.000.
- Legg, Kenneth D.: *See—*
  - Czaban, John D.; Cormier, Alan D.; and Legg, Kenneth D., 4,531,088, Cl. 324-71.100.
- Legg, Wesley E.; Ault, Russell L., Mott, Richard A.; and Leewood, Alan R., to Owens-Corning Fiberglas Corporation. Window sash and frame molded of fibrous material. 4,553,364, 11-19-85, Cl. 52-309.130.
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  - Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,533,572, Cl. 427-216.000.
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- Legge, Ronald N.: *See—*
  - Gurtler, Richard W.; Legge, Ronald N.; and Lesk, Israel A., 4,547,256, Cl. 156-603.000.
- Leggett & Platt, Incorporated: *See—*
  - Crum, Michael A., 4,506,925, Cl. 297-69.000.
  - Crum, Michael A., 4,515,407, Cl. 297-429.000.
  - Franz, Leo J., 4,526,110, Cl. 108-108.000.
  - Gullett, Edwin P.; Davis, Gerald B.; and Bustos, Rafael T., 4,519,508, Cl. 211-59.200.

Hiatt, Sidney A., 4,555,097, Cl. 267-100.000.
McIntire, Darrell L., 4,513,460, Cl. 5-13.000.
Whitehead, Larry W., 4,536,904, Cl. 5-201.000.
Whitehead, Larry W., 4,554,692, Cl. 5-411.000.
Whitehead, Larry W., 4,559,657, Cl. 5-286.000.
Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,492,298, Cl. 198-409.000.
Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,548,241, Cl. 140-89.000.
Zapletal, Henry; Wentzek, Horst F.; and Chembakaffery, George M., 4,553,324, Cl. 29-822.000.
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Legler, John G.; Bartlett, Robert L.; Haas, Charles J.; Woods, Garry W.; and Clark, John O., to Shopsmith, Inc. Headstock elevating apparatus. 4,548,246, 10-22-85, Cl. 144-1.00C.
LeGlue, Michael J., to McDermott Incorporated. Jacking apparatus having a fast repositioning stroke. 4,506,867, 3-26-85, Cl. 254-108.000.
Legnani, Giovanni: *See—*
Fontanelli, Renzo; Landoni, Gianluigi; and Legnani, Giovanni, 4,504,610, Cl. 524-96.000.
Le Goff, Pierre Y. J., to Centre National de la Recherche Scientifique. Fractional distillation process and applications thereof to the production of thermal or mechanical energy from two low level heat sources. 4,507,175, 3-26-85, Cl. 203-27.000.
Le Goff, Pierre Y. J., to Centre National de la Recherche Scientifique. Method and apparatus for recycling thermal energy. 4,527,621, 7-9-85, Cl. 165-104.120.
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Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, 4,500,272, Cl. 425-78.000.
Astier, Jean-Francois; Bessaguet, Louis; and LaPlanche, Michel, 4,500,280, Cl. 425-569.000.
Sarton, Francois; and Roby, Gerard, 4,490,887, Cl. 24-16.0PB.
LeGrand, Donald G.: *See—*
Anthony, Blair T.; and LeGrand, Donald G., 4,499,224, Cl. 524-261.000.
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Lecloux, Andre; and Legrand, Franz, 4,542,245, Cl. 568-842.000.
Legrand, Jean. Motor, clutch and gearing control. 4,552,256, 11-12-85, Cl. 192-0.052.
Legrand, Pierre; and Arnout, Michel, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. High-frequency arc striking device and auxiliary electrode of an electric welding or cutting arc. 4,493,969, 1-15-85, Cl. 219-130.400.
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le Granse, Josephus N., to Dowe Egberts Koninklijke Tabaksfabriek-Koffiebranderijen-Theehandel N.V. Apparatus for preparing hot drinks. 4,550,024, 10-29-85, Cl. 426-77.000.
LeGresley, Barry P., to AEL Microtel Limited. Parallel cyclic redundancy checking circuit. 4,498,174, 2-5-85, Cl. 371-37.000.
Legris: *See—*
Bouteille, Daniel; Petrimaux, Eric; and Burban, Jean-Luc, 4,492,149, Cl. 92-5.00R.
Le Grives, Bernard: *See—*
Flassayer, Claude; Le Grives, Bernard; and Simon, Paul R., 4,525,238, Cl. 156-645.000.
Legroux, Didier: *See—*
Bondiou, Jean-Claude; Hodac, Francoise; and Legroux, Didier, 4,546,185, Cl. 546-133.000.
Le Guen, Jacques; Delair, Jacques; and Plessis, Andre, to Thomson-CSF. X-ray tube cathode multiple polarization device and a radiation source incorporating such a device. 4,559,640, 12-17-85, Cl. 378-113.000.
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Lehigh Press, Inc., The: *See—*
Baley, William D., 4,494,949, Cl. 493-432.000.
DeSanto, Ronald F., 4,519,597, Cl. 270-42.000.
Le Hir, Yves: *See—*
de Sivry, Bruno; Sudreau, Bernard; Jegousse, Michel; and Le Hir, Yves, 4,493,966, Cl. 219-121.0EC.
Lehky, Josef: *See—*
Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, 4,549,742, Cl. 280-11.180.
Lehky, Pavel; and Hardt, Peter, to Lonza Ltd. Process for the production of 3,3-dimethylglutaric acid. 4,511,734, 4-16-85, Cl. 562-524.000.
Lehmacher, Hans. Apparatus for making bags of thin synthetic-resin film. 4,549,877, 10-29-85, Cl. 493-204.000.
Lehman, Albert L.: *See—*
Finkl, Charles W.; Lehman, Albert L.; and Philbrick, Herbert S., Jr., 4,541,862, Cl. 75-12.000.
Lehman, Harvey R.; and Slana, Matthew F., to AT&T Bell Laboratories. System for switching multirate digitized voice and data. 4,547,877, 10-15-85, Cl. 370-58.000.
Lehman, Jean-Yves: *See—*
Bosquain, Maurice; Grenier, Maurice; Hay, Leon; Lapeyre, Paul; Lehman, Jean-Yves; Petit, Pierre; and Sauty, Pierre, 4,541,851, Cl. 55-208.000.
Lehman, Lawrence A., to Ultra Harvesters, Inc. Ground cotton retriever with dual cleaning means. 4,497,088, 2-5-85, Cl. 19-202.000.
Lehman, R. Danford, Jr.; and Williams, Michael F. Game with shields for deflecting hurled projectile. 4,497,492, 2-5-85, Cl. 273-411.000.
Lehman, Richard F., to Xerox Corporation. Mechanism and method for controlling the temperature and output of a fluorescent lamp. 4,518,895, 5-21-85, Cl. 315-117.000.
Lehman, Richard F.; Porth, Roland W.; and Mason, Lawrence J., to Xerox Corporation. Document reproduction device utilizing a selective color illuminator. 4,519,703, 5-28-85, Cl. 355-69.000.
Lehman, Richard L.; and Manring, William H., to FMC Corporation. Method for manufacturing an opal borosilicate glass. 4,526,603, 7-2-85, Cl. 65-136.000.
Lehmann, Franz, to Imea SA. Fixing device of workpieces for wire spark erosion machines. 4,518,155, 5-21-85, Cl. 269-60.000.
Lehmann, Hans D.: *See—*
Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, 4,544,562, Cl. 514-247.000.
Lehmann, Hans W.: *See—*
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Lehmann, Hartmut, to Womako Maschinenkonstruktionen GmbH. Apparatus for looping the outermost convolutions of spiral binders for note books or the like. 4,501,304, 2-26-85, Cl. 140-103.000.
Lehmann, Heinz: *See—*
Lampe, Siegfried; Lehmann, Heinz; and Dose, Peter, 4,511,300, Cl. 414-35.000.
Lehmann, Herbert: *See—*
Kardinal, Hans-Joachim; Lehmann, Herbert; and Dziggel, Klaus-Peter, 4,552,072, Cl. 104-88.000.
Lehmann, J. C. Ludwig, to Binz GmbH & Co. Portable electrically heated warming container for transporting infusions in a rescue vehicle. 4,523,078, 6-11-85, Cl. 219-202.000.
Lehmann, Jean-Marc; Soboul, Raymond; and Macaire, Marcel, to Merlin Gerin. Draw-out switchgear having improved disconnect contacts. 4,546,221, 10-8-85, Cl. 200-50.0AA.
Lehmann, Kjeld, to Danfoss A/S. Equipment box for a power converter arrangement. 4,525,769, 6-25-85, Cl. 361-386.000.
Lehmann, Klaus; Dreher, Dieter; Rauch, Hubert; and Siol, Werner, to Rohm GmbH. Method for coating medicaments. 4,520,172, 5-28-85, Cl. 525-369.000.
Lehmann, Kurt: *See—*
Reichert, Gunter; Mainzer, Franz; Lehmann, Kurt; and Niermann, Hermann, 4,520,631, Cl. 62-188.000.
Lehmann, Myrtil B., to Chanel. Device for preventing the self-unscrewing of a cap from a container. 4,494,665, 1-22-85, Cl. 215-330.000.
Lehmann, Randall E.; Brehm, Gailon E.; and Seymour, David J., to Texas Instruments Incorporated. Monolithic low noise common-gate amplifier. 4,525,678, 6-25-85, Cl. 330-277.000.
Lehmann, Randall E.: *See—*
Brehm, Gailon E.; and Lehmann, Randall E., 4,549,197, Cl. 357-41.000.
Lehmann, Robert P.; and Vianco, James E., to Eastman Kodak Company. Retaining rings for optical disk assemblies. 4,550,396, 10-29-85, Cl. 369-284.000.
Lehmann, Rudolf: *See—*
Rutzen, Horst; Nikolaus, Peter; Bischoff, Martin; and Lehmann, Rudolf, 4,492,802, Cl. 564-292.000.
Lehmann, Ulrich; and Gabriel, Rudolf, to Dr. Ing. h.c.F. Porsche AG. Electronic current overload protection installation. 4,491,892, 1-1-85, Cl. 361-101.000.
Lehmann, Ulrich, to Dr. Ing. h.c.F. Porsche AG. Brake system, especially for a motor vehicle. 4,494,199, 1-15-85, Cl. 364-426.000.
Lehmann, Wolfgang; and Aab, Hans-Walter, to Neff Gewindespindeln GmbH. Rearing arrangement for guiding a carriage in a straight line along a guide rail. 4,552,416, 11-12-85, Cl. 308-6.00C.
Lehmberg, Robert H.: *See—*
Obenschain, Stephen P.; and Lehmberg, Robert H., 4,521,075, Cl. 350-162.110.
Lehment, Klaus-Friedrich: *See—*
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Lehneis, Hans R.; and Wilson, Robert G., to New York University. Artificial limb with automatic release for free rotation. 4,520,512, 6-4-85, Cl. 3-22.000.

Lehner AG: *See—*

Castagnola, Virginio; Frigerio, Giuliano E.; and Pellicciari, Roberto, 4,514,393, Cl. 260-397.100.

Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, to BASF Aktiengesellschaft. Production of magnetic recording media. 4,551,359, 11-5-85, Cl. 427-130.000.

Lehner, August: *See—*

Heil, Guenter; Spoor, Herbert; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; Balz, Werner; and Lehner, August, 4,559,118, Cl. 204-159.140.

Roller, Hermann; Lehner, August; Hack, Joachim; Grau, Werner; Balz, Werner; and Baur, Reinhold, 4,534,999, Cl. 427-130.000.

Lehner, Gerhard, to Friedmann & Maier Aktiengesellschaft. Control rod system for fuel injection devices for Diesel engines. 4,499,873, 2-19-85, Cl. 123-372.000.

Lehner, Gunter: *See—*

Muller, Thomas; Lehner, Gunter; and Gugel, Georg, 4,523,470, Cl. 73-623.000.

Lehner, John A.; and Lebsock, Kenneth L., to Ford Aerospace & Communications Corporation. Electronic on-orbit roll/yaw satellite control. 4,521,855, 6-4-85, Cl. 364-434.000.

Lehnert, Klaus: *See—*

Koninger, Horst; Lehnert, Klaus; and Schirk, Gunter, 4,514,071, Cl. 354-320.000.

Lehnert, Stanley E., to Zenith Electronics Corporation. Pulse wave to parabola wave converter. 4,539,488, 9-3-85, Cl. 307-261.000.

Lehnhoff, Richard N., to General Motors Corporation. Vehicle power window control. 4,562,387, 12-31-85, Cl. 318-285.000.

Lehning, Heinz, to Motorola, Inc. Transition detector circuit. 4,524,291, 6-18-85, Cl. 307-354.000.

Lehoczky, Sandor L.; and Szofran, Frank R., to McDonnell Douglas Corporation. HCT crystal growth method. 4,545,848, 10-8-85, Cl. 156-616.00R.

Le Hong, Son; and Martin, Henri, to Compagnie de Signaux et d'Entreprises Electriques. Device for checking metal pieces, more particularly coins. 4,548,220, 10-22-85, Cl. 133-3.00H.

Lehr, Howard C.: *See—*

Brockway, Patrick H.; Lehr, Howard C.; and George, Richard D., 4,537,440, Cl. 296-108.000.

Kaltz, Milton C.; Alexander, Michael P.; and Lehr, Howard C., 4,529,243, Cl. 296-107.000.

Lehr, Steven R. Flexible skateguard. 4,546,999, 10-15-85, Cl. 280-825.000.

Lehrach, Ronald P. C., to United Technologies Diesel Systems, Inc. Solenoid valve. 4,529,165, 7-16-85, Cl. 251-139.000.

Lehrer, Bradley D.; and Rivisto, Daniel A. Lighted novelty item. 4,556,932, 12-3-85, Cl. 362-103.000.

Lehrer, Robert I.; and Selsted, Michael E., to University of California, The Regents of the. Cationic oligopeptides having microbicidal activity. 4,543,252, 9-24-85, Cl. 514-12.000.

Lehrke, Kenneth E., to Graco Inc. Electric fluid heater temperature control system providing precise control under varying conditions. 4,501,952, 2-26-85, Cl. 219-305.000.

Lehrkind, Nancy N.: *See—*

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Lehtikoski, Olavi; and Nissinen, Martti. Apparatus for automatic determination of the tensile strength properties of a sheet of paper. 4,550,613, 11-5-85, Cl. 73-834.000.

Lehtinen, Jouko; and Saarinen, Kari, to Lannen Tehtaat Oy. Apparatus for feeding the growing substrate into the cells in a set of growing cells. 4,530,383, 7-23-85, Cl. 141-71.000.

Lehtinen, Jukka, to Oy Tampella AB. Method for drying a porous web in an extended nip press. 4,506,456, 3-26-85, Cl. 34-12.000.

Lehtinen, Jukka, to Oy Tampella AB. Method and apparatus for drying a paper, or similar, web. 4,506,457, 3-26-85, Cl. 34-41.000.

Lehtinen, Jukka A.; Karhola, Arvo K.; and Griner, Walter H., to Arcomac S.A. Radial friction bearing assembly. 4,558,960, 12-17-85, Cl. 384-373.000.

Lehto, Altti: *See—*

Fornas, Mikael; Sipila , Raimo; and Lehto, Altti, 4,539,027, Cl. 55-378.000.

Lehto, Ari: *See—*

Kuisma, Heikki T.; Lehto, Ari; and Jalava, Jouko S., 4,500,940, Cl. 361-286.000.

Luukkala, Mauri; and Lehto, Ari, 4,551,030, Cl. 374-5.000.

Lehto, Delbert L., to United States of America, Navy. Gauge for measuring high transient pressures. 4,492,121, 1-8-85, Cl. 73-705.000.

Lehtola, Erkki T., to Tahka Oy. Method and device for turning a long. 4,499,989, 2-19-85, Cl. 198-407.000.

Lehureau, Jean-Claude: *See—*

Cornet, Jean; Lange, Francois; Le Carvennec, Francois; Lehureau, Jean-Claude; and Rascle, Roger, 4,551,733, Cl. 346-137.000.

Lei, Kenneth P. V.; Eisele, Judith A.; and McClelland, Gene E., to United States of America, Interior. Electrolytic production of precious metals. 4,554,058, 11-19-85, Cl. 204-110.000.

Leib, Roger K. Patient chair. 4,529,246, 7-16-85, Cl. 297-285.000.

Leib, Roger K. Patient's defined-motion chair. 4,555,139, 11-26-85, Cl. 297-460.000.

Leibensperger, Donna C.: *See—*

Leibensperger, Robert L.; and Leibensperger, Donna C., 4,500,150, Cl. 339-28.000.

Leibensperger, Robert L.; and Leibensperger, Donna C. Device for electrifying dining table. 4,500,150, 2-19-85, Cl. 339-28.000.

Leibensperger, Robert L.; and Reed, Karl W., to Timken Company, The. Refrigerant cooled tapered roller bearing assembly. 4,541,738, 9-17-85, Cl. 384-470.000.

Leibenzeder, Siegfried; and Weyrich, Claus, to Siemens Aktiengesellschaft. Method for manufacturing a luminescent diode having a high frequency and high limit frequency for its modulation capability. 4,540,451, 9-10-85, Cl. 148-173.000.

Leiber, Heinz, to Robert Bosch GmbH. Anti-skid regulating system. 4,491,919, 1-1-85, Cl. 364-426.000.

Leiber, Heinz, to Robert Bosch GmbH. Speed control apparatus for vehicles. 4,510,905, 4-16-85, Cl. 123-360.000.

Leiber, Heinz, to Robert Bosch GmbH. Master brake cylinder for two-circuit braking systems. 4,526,003, 7-2-85, Cl. 60-534.000.

Leiber, Heinz, to Robert Bosch GmbH. Electromagnetic valve. 4,526,203, 7-2-85, Cl. 137-627.500.

Leiber, Heinz, to Robert Bosch GmbH. Hydraulic dual-circuit tandem main brake cylinder. 4,534,171, 8-13-85, Cl. 60-551.000.

Leiber, Heinz, to Robert Bosch GmbH. Apparatus for ascertaining the adhesion factor of a road surface. 4,545,240, 10-8-85, Cl. 73-146.000.

Leiber, Heinz, to Robert Bosch GmbH. Hydraulic vehicle brake system. 4,550,954, 11-5-85, Cl. 303-92.000.

Leiber, Heinz, to Robert Bosch GmbH. Hydraulic vehicle brake system with brake force amplification and anti-skid regulation. 4,557,528, 12-10-85, Cl. 303-92.000.

Leiber, Heinz, to Robert Bosch GmbH. Power steering apparatus with at least one additional hydraulic load connected to it. 4,559,777, 12-24-85, Cl. 60-422.000.

Leiber, Heinz: *See—*

Braschel, Volker; Emig, Reiner; Leiber, Heinz; Mendel, Michael; and Gerstenmeier, Jurgen, 4,497,026, Cl. 364-426.000.

Braschel, Volker; Jonner, Wolf-Dieter; and Leiber, Heinz, 4,504,911, Cl. 364-426.000.

Leibinger, Berthold, to Trumpf GmbH & Co. Bottom die construction. 4,524,661, 6-25-85, Cl. 83-690.000.

Leibinger, Janos: *See—*

Banfi, Andras; Leibinger, Janos; Molnar, Laszlo; Nadori nee Kozel, Gizella; and Tar, Sandor, 4,503,047, Cl. 424-195.100.

Leibinger, Karl, to Karl Leibinger Medizintechnik GmbH & Co. Sterilizable container. 4,512,498, 4-23-85, Cl. 220-371.000.

Leibinger, Paul; and Steidle, Alfons, to Marquardt GmbH, Firma. Electrical switch. 4,523,176, 6-11-85, Cl. 338-179.000.

Leibinsohn, Saul. Apparatus for the induced infusion of a liquid from a flexible liquid bag. 4,507,116, 3-26-85, Cl. 604-142.000.

Leiblein, Felix: *See—*

Fischer, Wolfgang; and Leiblein, Felix, 4,536,511, Cl. 514-404.000.

Leibow, Saul. Painting apparatus. 4,528,712, 7-16-85, Cl. 15-118.000.

Leibowitz, Alec. Gemstone polishing machine. 4,517,770, 5-21-85, Cl. 51-125.500.

Leibowitz, Joseph D., to TRW Inc. Controlled thermal expansion composite and printed circuit board embodying same. 4,513,055, 4-23-85, Cl. 428-245.000.

Leibowitz, Marshall; and George, Douglas A., to Timex Corporation. Electroluminescent lamp for liquid crystal display. 4,500,173, 2-19-85, Cl. 350-345.000.

Leibowitz, Martin N. Cutting shears. 4,507,864, 4-2-85, Cl. 30-248.000.

Leibowitz, Martin N. Contoured apparel. 4,523,337, 6-18-85, Cl. 2-237.000.

Leibrock, Kurt; and Killich, Hans-Jurgen, to Saarbergwerke Aktiengesellschaft. Device for gripping and raising tamping tools or for holding raised tamping tools in a tamping machine which is especially used for the packing of coking coal. 4,533,002, 8-6-85, Cl. 173-53.000.

Leiby, John J., to TRW Inc. Method and means for severing an optical fiber. 4,502,620, 3-5-85, Cl. 225-2.000.

Leiby, Robert W.: *See—*

Baker, Alan J.; and Leiby, Robert W., 4,533,902, Cl. 340-347.00P.

Leich, Joseph E.: *See—*

Carson, Donald W.; Penrose, Lee; Leich, Joseph E.; and Caugherty, William C., 4,550,455, Cl. 4-480.000.

Leichnitz, Kurt, to Drager Aktiengesellschaft. Gas measuring testing tube. 4,554,133, 11-19-85, Cl. 422-87.000.

Leichnitz, Kurt: *See—*

Eckstein, Wolfgang; Leichnitz, Kurt; Pannwitz, Karl-Heinz; Rabenecker, Horst; and Wolff, Gunter, 4,528,160, Cl. 422-86.000.

Leicht, Frederick M.; Baugh, Benton F.; and Palany, Harish C., to Smith International, Inc. Torque multiplier subsea tool. 4,548,273, 10-22-85, Cl. 166-348.000.

Leicht, John R.: *See—*

Sohl, Gordon; Ort, Donald L.; and Leicht, John R., 4,509,057, Cl. 346-1.100.

Leichtfried, Friedrich: *See—*

Krob, Erwin; Leichtfried, Friedrich; and Bauer, Helmut, 4,496,167, Cl. 280-605.000.

Leidecker, Hans-Dieter: *See—*

Weiler, Rolf; Kretzer, Horst; Leidecker, Hans-Dieter; and Gerhardt, Winfried, 4,530,506, Cl. 277-212.0FB.

Leidel, David J., to Jet Research Center, Inc. Charge holder. 4,519,313, 5-28-85, Cl. 102-310.000.

Leiderer, Paul: *See—*

Holbein, Hans-Jurgen; Leiderer, Paul; and Schneider, Walter, 4,504,357, Cl. 162-123.000.

Leidy, Donald E. Three for all rope ring toss device. 4,531,745, 7-30-85, Cl. 273-336.000.

Leidy, Grace: *See—*

Hodes, David S.; Leidy, Grace; Sprunt, Katherine; and Weldy, Piper, 4,513,083, Cl. 435-68.000.

Leier, Wolfgang: *See—*
  Berges, Hanns-Peter; Frieden, Peter; and Leier, Wolfgang, 4,525,129, Cl. 418-84.000.

Leifeld, Ferdinand, to Trutzschler GmbH & Co. KG. Apparatus for regulating fiber quantities supplied to a textile machine. 4,506,413, 3-26-85, Cl. 19-105.000.

Leifeld, Ferdinand, to Trutzschler GmbH & Co. KG. Fiber lap producing apparatus with lap width varying device. 4,523,351, 6-18-85, Cl. 19-105.000.

Leifeld, Ferdinand; and Hosel, Fritz, to Trutzschler GmbH & Co. KG. Method and apparatus for controlling and regulating machines of a textile fiber processing line. 4,535,511, 8-20-85, Cl. 19-105.000.

Leifeld, Ferdinand; Coenen, Rolf; Oelering, Werner; and Klopp, Ludwig, to Trutzschler GmbH & Co. KG. Method and apparatus for spraying textile fiber bales. 4,554,708, 11-26-85, Cl. 19-80.00R.

Leifheit AG: *See—*
  Knebel, Michael; and Schulein, Rolf G., 4,557,012, Cl. 15-116.00R.
  Liebscher, Johannes; and Schulein, Rolf G., 4,546,512, Cl. 15-41.00R.

Leigh, Antony W., to Texas Instruments Incorporated. Read/write memory cell for microcomputer. 4,506,322, 3-19-85, Cl. 364-200.000.

Leigh, Antony W.: *See—*
  Caudel, Edward R.; Magar, Surendar S.; and Leigh, Antony W., 4,491,910, Cl. 364-200.000.
  Caudel, Edward R.; Swoboda, Gary L.; Magar, Surendar S.; McDonough, Kevin C.; and Leigh, Antony W., 4,514,801, Cl. 364-200.000.

Leigh, Arthur G.: *See—*
  Davies, James F.; Leigh, Arthur G.; and Rennie, George K., 4,532,719, Cl. 34-12.000.

Leigh Flexible Structure Ltd.: *See—*
  Hardacre, Nicholas P., 4,511,286, Cl. 405-115.000.

Leigh, Malcolm H.; Deiner, Hans; Philpott, George C.; Macklin, Ian S.; and McDonald, Alan, to Ciba-Geigy Corporation. Process for treating textile materials with silicone-containing composition. 4,559,056, 12-17-85, Cl. 8-115.640.

Leigh-Monstevens, Keith V.: *See—*
  Nix, Richard; and Leigh-Monstevens, Keith V., 4,551,976, Cl. 60-533.000.
  Nix, Richard A.; and Leigh-Monstevens, Keith V., 4,557,361, Cl. 192-85.00C.

Leight, Howard S.; and Rosen, Alan D. Band earplug. 4,490,857, 1-1-85, Cl. 2-209.000.

Leighton, Francis; and Trebes, Fred W., to Air Dry Corporation. Safe high pressure instrument valve. 4,519,580, 5-28-85, Cl. 251-223.000.

Leighton, Joseph C., to Hughes Tool Company. Roof bit. 4,492,278, 1-8-85, Cl. 175-410.000.

Leighton, Kenneth B., to Spectrum Sports, Inc. Insole. 4,541,184, 9-17-85, Cl. 36-44.000.

Leighton, Stephen B. Intra-urethral prosthetic sphincter valve. 4,553,533, 11-19-85, Cl. 128-1.00R.

Leih, Michael P. Security alarm arrangement. 4,525,701, 6-25-85, Cl. 340-541.000.

Leikam, Carson: *See—*
  Sim, F. Thomas; Ancillai, Louis D.; and Leikam, Carson, 4,547,296, Cl. 210-778.000.

Leikert, Klaus, to L. & C. Steinmuller GmbH. Method of igniting a pulverized-coal pilot-burner flame. 4,501,206, 2-26-85, Cl. 110-347.000.

Leikert, Klaus; Buttner, Gerhard; and Michelfelder, Sigfrid, to L. & C. Steinmuller GmbH. Burner. 4,551,090, 11-5-85, Cl. 431-188.000.

Leila, Lennox M.: *See—*
  Pryputsch, Gunter G.; Leila, Lennox M.; Parkinson, Gerald E.; and Arneson, Leonard A., 4,503,760, Cl. 99-447.000.

Leiman, Leslie L., to Superior Scale Co. Ltd. Heavy duty weigh scale. 4,549,622, 10-29-85, Cl. 177-134.000.

Leimer, Gerhard; and Gugel, Ernst, to Feldmuhle Aktiengesellschaft. Method for the production of a polycrystalline shaped body of silicon carbide. 4,495,122, 1-22-85, Cl. 264-65.000.

Leimkuhler, Jurgen, to Gottfried Bischoff Bau Kompl. Gasreinigungs- und Wasserruckkuhlanlagen GmbH & Co. Kommanditgesellschaft. Apparatus for the desulfurization of flue gases. 4,533,522, 8-6-85, Cl. 422-170.000.

Leimone, Michael R.: *See—*
  Brothers, Luther C.; and Leimone, Michael R., 4,548,042, Cl. 60-668.000.

Lein, Joseph: *See—*
  Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.

Lein, Juergen G.; and Robbins, Daniel H., to Itek Corporation. Heater-drier for fusing toner images on wet printing plates. 4,537,492, 8-27-85, Cl. 355-3.0FU.

Lein, Wilfried: *See—*
  Huschelrath, Gerhard; and Lein, Wilfried, 4,538,108, Cl. 324-232.000.

Leinders, Robert: *See—*
  Wielders, Pierre G. E.; and Leinders, Robert, 4,548,209, Cl. 128-419.00D.

Leine, Lars: *See—*
  Borrman, Bo; Leine, Lars; Nylund, Olov; and Ode, Bengt, 4,526,744, Cl. 376-440.000.

Leinen, Roger W., to Minnesota Mining and Manufacturing Company. Aerosol application of encapsulated materials. 4,520,142, 5-28-85, Cl. 523-205.000.

Leiner, Dennis C.: *See—*
  Prescott, Rochelle; and Leiner, Dennis C., 4,515,444, Cl. 350-413.000.

Leiner, Howard H.: *See—*
  Gitlitz, Melvin H.; Russell, David B.; and Leiner, Howard H., 4,532,269, Cl. 523-122.000.

Leineweber, Gunter: *See—*
  Warnecke, Rolf; Ruhmer, Heinz; and Leineweber, Gunter, 4,516,470, Cl. 91-374.000.

Leining, Lyndon R.; Bliese, Rodger W.; and White, Gordon G., to Geo. A. Hormel & Company. Pork shoulder or ham slasher apparatus. 4,525,896, 7-2-85, Cl. 17-1.00R.

Leininger, Glenn; and Spector, George. Snow plow scoop. 4,512,091, 4-23-85, Cl. 37-278.000.

Leininger, H[illegible]: *See—*
  Paust, [illegible] and Leininger, Hartmut, 4,503,238, Cl. 549-319.000.

Leininger, Joel C.; Moore, Victor S.; and Stahl, William L., Jr., to International Business Machines Corporation. Microword control mechanism utilizing a programmable logic array and a sequence counter. 4,[illegible], 4-2-85, Cl. 364-200.000.

Leininger, Joel C., to International Business Machines Corporation. Latch circuits with differential cascode current switch logic. 4,513,283, 4-23-85, Cl. 340-825.020.

Leininger, Joel C.: *See—*
  Davis, James W.; Leininger, Joel C.; Munoz-Bustamante, Carlos; and Robbins, Gordon J., 4,535,467, Cl. 377-81.000.
  Moore, Victor S.; and Leininger, Joel C., 4,504,904, Cl. 364-200.000.

Leininger, Robert W.; and Decker, Richard G. Solar energy collection system. 4,541,416, 9-17-85, Cl. 126-450.000.

Leininger, Steven, to Tandy Corporation. Memory addressing system. 4,500,956, 2-19-85, Cl. 364-200.000.

Leininger, Steven, to Tandy Corporation. Apparatus for alphanumeric/graphic display. 4,504,826, 3-12-85, Cl. 340-721.000.

Leinkram, Charles Z.: *See—*
  Alcorn, George E.; Leinkram, Charles Z.; and Okunola, Olatunji, 4,543,442, Cl. 136-255.000.

Leins, Eberhard; and Walter, Manfred, to Sulzer Morat GmbH. Knitting machine. 4,539,826, 9-10-85, Cl. 66-64.000.

Leins, Eberhard, to Sulzer Morat GmbH. Thread carrier. 4,559,792, 12-24-85, Cl. 66-125.00R.

Leipnitz, Michael, to U. S. Philips Corporation. Phonograph pick-up with improved shield grounding. 4,534,022, 8-6-85, Cl. 369-170.000.

Leipold, Kurt: *See—*
  Puls, Bernhard; Gruber, Hermann; Leipold, Kurt; Schonberger, Richard; Kizak, Ulrich; and Huttereer, Max, 4,539,442, Cl. 179-115.5VC.

Leipold, Ludwig; Stengl, Jens P.; and Tihanyi, Jeno, to Siemens Aktiengesellschaft. FET controlled thyristor. 4,502,070, 2-26-85, Cl. 357-38.000.

Leippe, Michael M.: *See—*
  Anderson, Richard J.; and Leippe, Michael M., 4,544,400, Cl. 71-90.000.

Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., to Boliden Aktiebolag. Method for producing lead from oxidic lead raw materials which contain sulphur. 4,508,565, 4-2-85, Cl. 75-77.000.

Leirnes, Johan S.; Lundstrom, Malkolm S.; Hedlund, Martin L.; and Buren, Kurt J. A., to Boliden Aktiebolag. Method for producing lead from sulphidic and oxidic and/or sulphatic lead raw materials. 4,512,798, 4-23-85, Cl. 75-3.000.

Leis, Hans, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Heatable centrifuge. 4,498,896, 2-12-85, Cl. 494-14.000.

Leiser, Volker: *See—*
  Luther, Gunter; Loebel, Peter; Risse, Gerhard; and Leiser, Volker, 4,510,932, Cl. 128-204.290.

Leiserson, Charles E.: *See—*
  Kung, Hsiang-Tsung; and Leiserson, Charles E., 4,493,048, Cl. 364-754.000.

Leising, Frederic, to Rhone-Poulenc Specialites Chimiques. Stable amphoteric latices of copolymers based on conjugated dienes. 4,525,519, 6-25-85, Cl. 524-457.000.

Leising, Frederic, to Rhone-Poulenc Specialites Chimiques. Aqueous cationic dispersions of synthetic polymers. 4,528,322, 7-9-85, Cl. 524-829.000.

Leiske, Larry G. Anterior chamber intraocular lens. 4,560,383, 12-24-85, Cl. 3-13.000.

Leiss, John E.: *See—*
  Chatterjee, Pallab; Shichijo, Hisashi; and Leiss, John E., 4,545,034, Cl. 365-182.000.

Leister, Peter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Method and apparatus for measuring the quantity of solid material in a centrifuge cylinder. 4,522,620, 6-11-85, Cl. 494-10.000.

Leister, Peter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Method and device for measuring the level of a fluid inside of a container. 4,531,405, 7-30-85, Cl. 73-290.00V.

Leistner, Gerhard; Muller, Gerhard; Sell, Gunther; and Bauer, Alexander, to Hoechst Aktiengesellschaft. Process for the biological purification of waste water. 4,517,093, 5-14-85, Cl. 210-629.000.

Leistner, Herbert E., to Sigma Tool & Machine Limited. Tee nut fastener member. 4,508,478, 4-2-85, Cl. 411-176.000.

Leistner, Rolf; and Becker, Herbert, to Brose Fahrzeugteile GmbH & Co. Kommanditgesellschaft; and Bayerische Motoren Werke Aktien-

gesellschaft. Rotary drive transmission mechanism especially for motor vehicles. 4,499,787, 2-19-85, Cl. 74-625.000.
Leistner, William E.; Minagawa, Motonobu; Nakahara, Yutaka; Haruna, Tohru; and Nishimura, Atsushi, to Adeka Argus Chemical Co., Ltd. Oligomers of 2,2,6,6-tetramethylpiperidinol polycarboxylic acid esters and synthetic polymer compositions. 4,529,760, 7-16-85, Cl. 524-102.000.
Leisure Technology, Inc.: *See—*
  McNamara, George, 4,496,816, Cl. 219-10.55E.
Leitch, William J.: *See—*
  Dover, Donald L.; and Leitch, William J., 4,513,994, Cl. 248-544.000.
Leiter, Edward H.: *See—*
  Coleman, Douglas L.; Applezweig, Norman; and Leiter, Edward H., 4,518,595, Cl. 514-178.000.
Leiter, Raymond J. Curtain bow. 4,496,059, 1-29-85, Cl. 211-105.100.
Leitermann, Wulf; and Heneka, Rolf, to Audi NSU Auto Union Aktiengesellschaft. Rearward facing collapsible vehicle back seat. 4,519,646, 5-28-85, Cl. 297-15.000.
Leitermann, Wulf: *See—*
  Mahler, Gert; Falkenroth, Heinz-Jurgen; Leitermann, Wulf; and Boms, Manfred, 4,512,240, Cl. 98-2.040.
Leitgeb, Wilhelm, to Siemens Aktiengesellschaft. Commutating device for an electric motor supplied from a d-c voltage source. 4,494,049, 1-15-85, Cl. 318-138.000.
Leitgeb, Wilhelm; and Schonwald, Siegfried, to Siemens Aktiengesellschaft. Compressor arrangement for a heat pump installation. 4,516,912, 5-14-85, Cl. 417-45.000.
Leithauser, Horst: *See—*
  Rigler, Josef-Karl; Leithauser, Horst; and Osterhoff, Heinz, 4,495,224, Cl. 427-222.000.
Leitheiser, Melvin A.; and Sowman, Harold G., to Minnesota Mining and Manufacturing Company. Articles containing non-fused aluminum oxide-based abrasive mineral. 4,518,397, 5-21-85, Cl. 51-293.000.
Leitman, Ervin. Tabulated sheet protectors. 4,516,871, 5-14-85, Cl. 402-79.000.
Leitner, Georg: *See—*
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Leitner S.p.A.: *See—*
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Leitold, Matyas: *See—*
  Stoss, Peter; and Leitold, Matyas, 4,559,351, Cl. 514-338.000.
Leitz, Helmut, to Carl-Zeiss-Stiftung. Target for measurements with angle-measuring instruments. 4,509,269, 4-9-85, Cl. 33-293.000.
Leitz, Helmut, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Method of calibration for the measuring of objects by pairs of theodolites. 4,510,695, 4-16-85, Cl. 33-293.000.
Leitz, Richard: *See—*
  Trage, Burghard; Hintzen, Franz-Josef; and Leitz, Richard, 4,550,570, Cl. 60-693.000.
Leivenzon, Simon; and Leivenzon, Steven, to Firmagroup Australia Pty. Ltd. Indicating means for a door operator device. 4,533,905, 8-6-85, Cl. 340-524.000.
Leivenzon, Steven: *See—*
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Leivestad, Ole E., to Spider Staging, Inc. Method and apparatus for moving a platform into a suspended outboard position. 4,538,705, 9-3-85, Cl. 182-142.000.
Leivo, Charles C.: *See—*
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  Romand-Monnier, Jacques; and Lejeune, Jean-Pierre, 4,536,138, Cl. 417-422.000.
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Le-Khac, Bi, to Atlantic Richfield Company. Polymer compositions. 4,493,920, 1-15-85, Cl. 525-67.000.
Le-Khac, Bi; and Sharik, Clyde, to Atlantic Richfield Company. Polymeric molding composition. 4,522,983, 6-11-85, Cl. 525-285.000.
Lekhtman, David; and Lekhtman, Gregory. Sporting and exercising spring shoe. 4,492,374, 1-8-85, Cl. 272-114.000.
Lekhtman, Gregory: *See—*
  Lekhtman, David; and Lekhtman, Gregory, 4,492,374, Cl. 272-114.000.
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Leland, John: *See—*
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Leland, John E., to Phillips Petroleum Company. Poly(arylene sulfide) compositions. 4,504,551, 3-12-85, Cl. 428-419.000.
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  Needham, Donald G.; and Leland, John E., 4,560,580, Cl. 427-53.100.
Leland, Ragnvald G. Combination exercise and massage apparatus. 4,519,605, 5-28-85, Cl. 272-116.000.
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  Barth, Phillip W., 4,516,148, Cl. 357-68.000.
  Barth, Phillip W., 4,537,680, Cl. 210-316.000.
  Boudart, Michel; Oyama, Shigeo T.; and Volpe, Leo, 4,515,763, Cl. 423-409.000.
  Bujard, Hermann G.; Chang, Annie C. Y.; and Cohen, Stanley N., 4,495,280, Cl. 435-6.000.
  Byer, Robert L., 4,555,786, Cl. 372-70.000.
  Fu, Chong-Cheng; and Gerzberg, Levy, 4,519,260, Cl. 73-861.250.
  Kino, Gordon S.; Khuri-Yakub, Butrus T.; Bennett, Simon D.; and Liang, Kenneth K., 4,503,708, Cl. 73-628.000.
  Kino, Gordon S.; Bennett, Simon D.; and Husson, Didier, 4,513,749, Cl. 128-660.000.
  Levy, Ronald; Maloney, David G.; and Thielemans, Kristiaan, 4,513,088, Cl. 436-518.000.
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  Newton, Steven A.; and Bowers, John E., 4,511,207, Cl. 350-96.150.
  Newton, Steven A.; and Cutler, Cassius C., 4,557,552, Cl. 350-96.150.
  Newton, Steven A.; and Bowers, John E., 4,558,920, Cl. 350-96.150.
  Nishimura, Dwight G., 4,499,493, Cl. 358-111.000.
  Nishimura, Dwight G., 4,503,461, Cl. 358-111.000.
  Parks, David R.; Bryan, Virginia M.; and Herzenberg, Leonard A., 4,510,244, Cl. 435-172.200.
  Pavlath, George A.; and Shaw, Herbert J., 4,529,312, Cl. 356-350.000.
  Ruano, Oscar; Wadsworth, Jeffrey; and Sherby, Oleg D., 4,492,671, Cl. 419-48.000.
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  Shaw, Herbert J.; Newton, Steven A.; Bowers, John E.; and Jackson, Kenneth P., 4,495,656, Cl. 455-608.000.
  Shaw, Herbert J.; Chodorow, Marvin; and Digonnet, Michel J. F., 4,515,431, Cl. 350-96.150.
  Shaw, Herbert J.; Chodorow, Marvin; and Stokes, Loren F., 4,530,603, Cl. 356-345.000.
  Shaw, Herbert J.; and Bergh, Ralph A., 4,536,058, Cl. 350-320.000.
  Shaw, Herbert J.; and Chodorow, Marvin, 4,546,476, Cl. 372-6.000.
  Shaw, Herbert J.; Digonnet, Michel J. F.; and Lacy, Robert A., 4,553,238, Cl. 372-6.000.
  Shaw, Herbert J.; and Digonnet, Michel J. F., 4,554,510, Cl. 330-4.300.
  Shaw, Herbert J.; and Digonnet, Michel J. F., 4,556,279, Cl. 350-96.150.
  Shaw, Herbert J.; Bergh, Ralph A.; and Digonnet, Michel J. F., 4,560,234, Cl. 350-96.150.
  Sherby, Oleg D.; and Oyama, Toshimasa, 4,533,390, Cl. 75-126.00Q.
  Stocker, Bruce A. D., 4,550,081, Cl. 435-253.000.
  Stokes, Loren F.; Shaw, Herbert J.; and Chodorow, Marvin, 4,530,097, Cl. 372-6.000.
  Stryer, Lubert; Glazer, Alexander N.; and Oi, Vernon T., 4,520,110, Cl. 436-501.000.
  Stryer, Lubert; and Glazer, Alexander N., 4,542,104, Cl. 436-536.000.
  Tanner, Robert M., 4,547,882, Cl. 371-38.000.
  Widrow, Bernard, 4,537,200, Cl. 128-696.000.
  Yelderman, Mark L., 4,507,974, Cl. 73-861.060.
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  Trigon, Jean, 4,531,807, Cl. 339-223.00S.
Lell, Rainer, to Davy McKee AG. Process for the combustion of H_2S containing gases. 4,501,725, 2-26-85, Cl. 423-573.00R.
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  Barraud, Andre ; and Leloup, Jean, 4,511,604, Cl. 427-402.000.
Leloux, Arnoldus W. J., to Wavin B.V. Method of and device for making perforations in a tubular web of plastics foil. 4,517,868, 5-21-85, Cl. 83-54.000.
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Lelu, Andre; Gonthier, Bruno; Grignon, Jean; and Tauzia, Jean-Michel, to Societe Nationale des Poudres et Explosifs. Combustion inhibitors on a base of oxygenated polyurethane elastomer which contains fibers for the double base propellant. 4,536,235, 8-20-85, Cl. 149-19.400.
Lem, Hans J., to Air Lane Systems Inc. Article accumulating conveyor system. 4,511,030, 4-16-85, Cl. 198-633.000.
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Lemahieu, Raymond G.; and Janssens, Wilhelmus, to AGFA-GEVAERT N.V. Photographic color material incorporating developing agents for color development. 4,514,494, 4-30-85, Cl. 430-376.000.
LeMahieu, Ronald A., to Hoffmann-La Roche Inc. Naphthalenyloxy substituted carboxylic acids. 4,539,419, 9-3-85, Cl. 560-053.000.
LeMahieu, Ronald A., to Hoffmann-La Roche Inc. Naphthalenyloxy carboxylic acids. 4,550,190, 10-29-85, Cl. 560-053.000.
LeMahieu, Ronald A.: *See—*
  Carson, Matthew; LeMahieu, Ronald A.; and Nason, William C., 4,507,498, Cl. 562-463.000.
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Lemaire, Edmond; and Lebreton, Jacques, to U.S. Philips Corporation. Computer system having an extended directly addressable memory space. 4,500,962, 2-19-85, Cl. 364-200.000.
Lemaire, Francis: *See—*
  Gaussens, Gilbert; and Lemaire, Francis, 4,537,668, Cl. 204-159.170.

- Lemaire, Marc; and Le Roc'h, Roland, to Brissonneau et Lotz Marine. Machine to apply a screwing or unscrewing torque. 4,545,269, 10-8-85, Cl. 81-57.340.
- Lemaire, Paul J.: *See—*
  - Kosinski, Sandra G.; Lemaire, Paul J.; and O'Connor, Paul B., 4,504,297, Cl. 65-3.110.
- Lemaitre, Rene, to Les Cables de Lyon. System for transporting heavy cylindrical objects in a workshop. 4,527,485, 7-9-85, Cl. 104-118.000.
- Lemal, Jeanine: *See—*
  - Vandecasteele, Jean-Paul; Ballerini, Daniel; Lemal, Jeanine; and Le Penru, Yann, 4,542,098, Cl. 435-190.000.
- Leman, Jean-Luc M.: *See—*
  - Mouille, Rene L.; and Leman, Jean-Luc M., 4,556,365, Cl. 416-134.00A.
- Lemanczyk, Richard: *See—*
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- Lemanski, Michael F.; and Kliewer, Wayne R., to Standard Oil Company, The. Process for producing low molecular weight hydrocarbons from carbon monoxide and hydrogen. 4,544,673, 10-1-85, Cl. 518-713.000.
- Le Marchand, Claude, to Societe Anonyme D.B.A. Disc brake with sliding caliper and friction component provided with electrical wear indicator. 4,527,664, 7-9-85, Cl. 188-1.110.
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- Le Marer, Rene; and Delebecque, Robert P. Front surface grinding machine and method. 4,538,383, 9-3-85, Cl. 51-124.00R.
- Lemarie, Romeo, to Paraid Limited. Aid for propelling wheeled vehicles. 4,538,826, 9-3-85, Cl. 280-242.0WC.
- Lemartret, Odile: *See—*
  - Allais, Andre; Clemence, Francois; Deraedt, Roger; and Lemartret, Odile, 4,518,775, Cl. 544-92.000.
- Lemaster, Milton R. Dehydration apparatus for printing press inking system. 4,524,689, 6-25-85, Cl. 101-141.000.
- LeMay, Dan B.: *See—*
  - Renken, Wayne G.; and LeMay, Dan B., 4,542,650, Cl. 73-204.000.
- Lembach, Kenneth J., to Miles Laboratories, Inc. Protein compositions substantially free from infectious agents. 4,534,972, 8-13-85, Cl. 424-86.000.
- Lembke, Andreas F.: *See—*
  - Underberg, Emil E. J.; and Lembke, Andreas F., 4,504,496, Cl. 426-11.000.
- Lembrikov, Vladimir M.: *See—*
  - Lykov, Mikhail V.; Lembrikov, Vladimir M.; Golovkina, Svetlana I.; Malakhova, Nadezhda N.; Sterlin, Vladimir N.; Kochetkov, Viktor N.; and Markovin, Gennady M., 4,505,733, Cl. 71-34.000.
- Lemburg, John R.: *See—*
  - Campbell, John G.; Schoeneberger, Carl F.; Bundens, Allan B.; Fogle, Richard M.; and Lemburg, John R., 4,536,791, Cl. 358-122.000
- Lemcke, Ulrich: *See—*
  - Biber, Klaus; Grunvogel, Karl; Lemcke, Ulrich; Jakubowski, Heinz; and Schulz, Kurt, 4,523,732, Cl. 248-123.100.
- Le Mehaute, Alain; and Belin, Claude, to Societe Anonyme dite: Compagnie Generale d'Electricite. Electrode of alkali metal compound for a secondary electrochemical cell, and a cell including such an electrode. 4,495,258, 1-22-85, Cl. 429-103.000.
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- Lemelson, Jerome H. Scanning apparatus and method. 4,511,918, 4-16-85, Cl. 358-107.000.
- Lemelson, Jerome H. Electro-optical information recording and reproduction system. 4,511,930, 4-16-85, Cl. 358-335.000.
- Lemelson, Jerome H.; and Grund, Christian. Television system and method. 4,531,152, 7-23-85, Cl. 358-141.000.
- Lemelson, Jerome H. Automatic vehicle identification system and method. 4,532,511, 7-30-85, Cl. 340-933.000.
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- Lemelson, Jerome H. Weighing apparatus and method. 4,544,929, 10-1-85, Cl. 346-9.000.
- Lemelson, Jerome H. Communication system and method. 4,560,978, 12-24-85, Cl. 340-539.000.
- Lemer, Joseph. Artificial breathing device. 4,495,946, 1-29-85, Cl. 128-204.250.
- Le Merer, Jean-Pierre: *See—*
  - Leterme, Dominique; and Le Merer, Jean-Pierre, 4,542,492, Cl. 369-46.000.
- LeMert, Alfred J. Cymbal mounting fixture. 4,526,083, 7-2-85, Cl. 84-421.000.
- Lemforder Metallwaren AG: *See—*
  - Burmeister, Joachim; Buhl, Reinhard; and Westphal, Paul, 4,538,935, Cl. 403-140.000.
- Lemire, David H. Truck mounted ladder assembly. 4,492,286, 1-8-85, Cl. 182-93.000.
- LeMire, Edward A.: *See—*
  - LeMire, George J.; Heinig, Charles F., Jr.; and LeMire, Edward A., 4,504,387, Cl. 210-101.000.
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- Lemke, Cornelis P., to Rockwell-Rimoldi S.p.A. Sewing machine for forming a plurality of seams. 4,559,883, 12-24-85, Cl. 112-136.000.
- Lemke, James U., to Eastman Kodak Company. Imaging apparatus. 4,524,390, 6-18-85, Cl. 358-213.000.
- Lemke, James U., to Eastman Kodak Company. Method of manufacturing a multitrack magnetic head. 4,550,492, 11-5-85, Cl. 29-603.000.
- Lemke, Judith K. Estrus cycle monitoring system. 4,498,481, 2-12-85, Cl. 128-734.000.
- Lemke, Kenneth W.; and McNeil, Maynard W., to M&T Chemicals Inc. Quaternary aminehydroxypropane sulfobetaines. 4,526,968, 7-2-85, Cl. 546-139.000.
- Lemke, Stuart H. Apparatus for installing fasteners. 4,507,991, 4-2-85, Cl. 81-463.000.
- Lemkey, Franklin D.; and Machlin, Irving, to United Technologies Corporation. Eutectic superalloy compositions and articles. 4,543,235, 9-24-85, Cl. 420-443.000.
- Lemkin, Jack. Reversible security cover for stackable and nestable tote box. 4,523,692, 6-18-85, Cl. 220-306.000.
- Lemkin, Jack L., to O. M. Scott and Sons Company, The. Pattern controlled sprinkler apparatus. 4,538,762, 9-3-85, Cl. 239-232.000.
- Lemme, Charles D., to Blazer International Corp. Lamp comprising automatically actuated louver system. 4,513,358, 4-23-85, Cl. 362-276.000.
- Lemme, Charles D.; and Lemme, Tracy R., to Blazer International Corp. Shape memory metal actuator. 4,556,934, 12-3-85, Cl. 362-279.000.
- Lemme, Charles D., to Blazer International Corp. Adjustable shape memory metal actuator. 4,556,935, 12-3-85, Cl. 362-279.000.
- Lemme, Christopher J.; and Frankiewicz, Jeffrey R., to CPC International Inc. Strain of *Clostridium acetobutylicum* and process for its preparation. 4,521,516, 6-4-85, Cl. 435-253.000.
- Lemme, Tracy R.: *See—*
  - Lemme, Charles D.; and Lemme, Tracy R., 4,556,934, Cl. 362-279.000.
- Lemmeke, Leif. Method for combined utilization of heat-conveying media such as ground water or surface water or the like as a heat source. 4,509,680, 4-9-85, Cl. 237-2.00B.
- Lemmens, Rudolphus P. M., to Vredestein N.V. Fender system. 4,554,882, 11-26-85, Cl. 114-219.000.
- Lemmer, Helmut, to Starkstrom Gummersbach GmbH. Electromagnetic switching device. 4,528,535, 7-9-85, Cl. 335-273.000.
- Lemmer, Helmut, to Starkstrom Gummersbach GmbH. Convertible normally closed/normally open switch with cam actuator. 4,540,859, 9-10-85, Cl. 200-6.00B.
- Lemmer, Helmut, to Starkstrom Gummersbach GmbH. Circuit breaker. 4,550,232, 10-29-85, Cl. 200-16.00A.
- Lemmers, Alfred E.; and Hammer, Edward E., to General Electric Company. Fluorescent lamp series system. 4,513,225, 4-23-85, Cl. 315-189.000.
- Lemmers, Eugene: *See—*
  - Hammer, Edward E.; and Lemmers, Eugene, 4,562,381, Cl. 315-99.000.
- Lemmon, Michael D.: *See—*
  - DiMassimo, Donald V.; May, John B.; and Lemmon, Michael D., 4,536,759, Cl. 340-706.000.
- Lemmons, Joseph J., to PUR/ACC Corporation. Method and apparatus for orally dispensing liquid medication. 4,493,348, 1-15-85, Cl. 141-1.000.
- Lemna Corporation, The: *See—*
  - Hogen, Delman R., 4,536,988, Cl. 47-1.500.
- Lemnios, Zachary J.; and Kim, He B., to Westinghouse Electric Corp. Ion implant mask and cap for gallium arsenide structures. 4,494,997, 1-22-85, Cl. 148-1.500.
- Le Moigne, Jacques: *See—*
  - Fouletier, Mireille; Siebert, Elisabeth; and Le Moigne, Jacques, 4,526,674, Cl. 204-426.000.
- Lemoine, Austin J.: *See—*
  - Coombes, Graham E.; and Lemoine, Austin J., 4,531,533, Cl. 137-46.000.
- Lemoine, Claude: *See—*
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- Lemole, Gerald M. Sternal closure method and means. 4,512,346, 4-23-85, Cl. 128-335.000.
- Lemole, Gerald M. Cardiovascular tourniquet. 4,535,770, 8-20-85, Cl. 128-327.000.
- Lemole, Gerald M. Electrical lead and method for temporary cardiac pacing. 4,553,554, 11-19-85, Cl. 128-784.000.
- Lemon, Douglas K.: *See—*
  - Collins, H. Dale; Busse, Lawrence J.; and Lemon, Douglas K., 4,531,411, Cl. 73-603.000.
- Lemon, Gary K.: *See—*
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- LeMong, Son: *See—*
  - Lang, Helmut V.; and LeMong, Son, 4,541,366, Cl. 122-441.000.
- Lemons, Ross A.: *See—*
  - Bosch, Martin A.; and Lemons, Ross A., 4,509,145, Cl. 365-112.000.
- Lemons, Thomas M., to Altman Stage Lighting Co., Inc. Replaceable light source assembly. 4,536,832, 8-20-85, Cl. 362-264.000.
- Lemont, Harold E., to Textron, Inc. Helicopter rotor thrust ring. 4,506,849, 3-26-85, Cl. 244-17.210.
- Lemp, William M. Microphone hanger. 4,527,019, 7-2-85, Cl. 179-146.00R.

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Lems, Peter, to Signode Corporation. Method and mechanism for filling bags. 4,490,959, 1-1-85, Cl. 53-459.000.

Lena, Richard M., to Wang Laboratories, Inc. Detector using delayed and undelayed inputs for demodulating FM or PM signals. 4,538,112, 8-27-85, Cl. 329-145.000.

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Lenac, Nevio, to Dorr-Oliver Incorporated. Filter drum for rotary drum vacuum filter. 4,551,248, 11-5-85, Cl. 210-404.000.

Lenaerts, George V.; Charchanko, Eugene W.; and Dambenieks, Andrejs, to Northern Telecom Limited. Method for making circuit boards with die stamped contact pads and conductive ink circuit patterns. 4,517,739, 5-21-85, Cl. 29-846.000.

Lenahan, Dean T.: *See—*
  Gay, Charles H., Jr.; and Lenahan, Dean T., 4,526,509, Cl. 415-174.000.

Lenane, Denis L.: *See—*
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  Taylor, Donald K.; Rogers, William; McGary, Vernon: and Lenart, Peter, 4,559,970, Cl. 137-557.000.

Lenchin, Julianne M.; Trubiano, Paolo C.; and Hoffmann, Stella, to National Starch and Chemical Corporation. Converted starches for use as a fat- or oil-replacement in foodstuffs. 4,510,166, 4-9-85, Cl. 426-565.000.

Lenchin, Julianne M.; and Bell, Harvey, to National Starch and Chemical Corporation. Process for coating foodstuff with batter containing high amylose flour for microwave cooking. 4,529,607, 7-16-85, Cl. 426-94.000.

Lenchin, Julianne M.: *See—*
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Lenco, Inc.: *See—*
  Colman, William H., 4,553,013, Cl. 219-74.000.
  Fay, Richard D., 4,543,538, Cl. 330-260.000.

Lenczyk, John P.: *See—*
  Schneider, Wolfgang; and Lenczyk, John P., 4,547,599, Cl. 570-241.000.

Lenderking, Bruce N.; and Couch, Robert D., to Westinghouse Electric Corp. Automatic temperature calibration method and apparatus. 4,532,601, 7-30-85, Cl. 364-571.000.

Lenders, Wilhelmus L. L., to U.S. Philips Corporation. Electromagnetic deflection unit. 4,494,097, 1-15-85, Cl. 335-213.000.

Lenders, Wilhelmus L. L., to U.S. Philips Corporation. Method of manufacturing a saddle-shaped coil. 4,547,238, 10-15-85, Cl. 156-73.200.

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  Gorris, Joannes J. H. M.; and Lenders, Wilhelmus L. L., 4,549,335, Cl. 29-866.000.

Lendl, Joseph, to Triumph-Adler A.G. fur Buro- und Informationstechnik. Control system for thermal printing typewriters or like machines. 4,553,861, 11-19-85, Cl. 400-120.000.

Lenell, Lars A., to Telefonaktiebolaget LM Ericsson. Electronic external line repeater. 4,560,843, 12-24-85, Cl. 179-170.0NC.

Lenertz, John B.; and Moore, Carroll E., to Farmhand, Inc. Quick attachment device. 4,548,543, 10-22-85, Cl. 414-686.000.

Leneveu, Louis J. J.; and Treneules, Didier J., to Societe Nationale des Poudres et Explosifs. Mixed charges for ammunitions with a casing constituted by agglomerated propellant powder and propellant powder in grain form. 4,519,855, 5-28-85, Cl. 149-21.000.

Leng, Douglas E.; Sigelko, Wilmer L.; and Saunders, Frank L., to Dow Chemical Company, The. Aqueous dispersions of plasticized polymer particles. 4,502,888, 3-5-85, Cl. 106-170.000.

Leng, Douglas E.: *See—*
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Lengsfeld, Karl; Link, Erich; and Erndt, Hans, to Frankl & Kirchner GmbH & Co.; and KG Fabrik fur Electromotoren u. Electrische Apparate. Adjustable electromagnetic clutch/brake. 4,556,132, 12-3-85, Cl. 192-12.0BA.

Lenhard-Backhaus, Hugo; and Krumpeck, Kurt, to Steyr-Daimler-Puch Aktiengesellschaft. Assembly comprising a frame, unsteered wheels and spring suspension of a motor vehicle. 4,521,033, 6-4-85, Cl. 280-700.000.

Lenhardt, Karl. Apparatus for applying an adhesive strip of plastic to a glass pane. 4,561,929, 12-31-85, Cl. 156-522.000.

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Lenhart, Ronald A., to Precision Metal Fabricators, Inc. Vacuum belt conveyor. 4,560,060, 12-24-85, Cl. 198-803.500.

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Lenhoff, John G., Jr., to Westinghouse Electric Corp. A/D converter having digitally controlled subranging and self-alignment apparatus for use therein. 4,544,917, 10-1-85, Cl. 340-347.0AD.

Lenin Kohaszati Muvek: *See—*
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  Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

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  Antonov, Jury F.; Ioganssen, Vadim I.; Tkachenko, Alexei S.; Chernyavsky, Vladimir P.; and Shapiro, Aron B., 4,496,870, Cl. 310-260.000.

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  Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.

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  Schippers, Heinz; Lenk, Erich; Martens, Gerhard; Mayer, Manfred; Pieper, Werner; and Putsch, Siegfried, 4,504,021, Cl. 242-18.100.
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Lenk, Pedro A.: *See—*
  Brightman, Barrie; Elliott, George; Lenk, Pedro A.; Shah, Jayantkumar R.; and Stewart, William H., 4,555,595, Cl. 179-18.0ES.

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  Ostersehlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, 4,514,413, Cl. 514-397.000.
  Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, 4,544,562, Cl. 514-247.000.
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  Steiner, Gerd; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Lenke, Dieter, 4,548,933, Cl. 514-255.000.

Lenkeit Industries, Inc.: *See—*
  Alzmann, Donald R.; Angelo, Michael; and Waldner, Paul R., 4,506,442, Cl. 29-830.000.

Lenker, Don H.; and Nascimento, Dennis F., to United States of America, Agriculture. Wrapping machine. 4,516,385, 5-14-85, Cl. 53-504.000.

Lenko, Daniel S.: *See—*
  Rozner, Alexander G.; Lenko, Daniel S.; and Carter, James H., 4,495,848, Cl. 89-1.100.

Lenkoff, Leon G., to Stry-Lenkoff Co. Invisible ink quiz game. 4,514,177, 4-30-85, Cl. 434-328.000.

Lennard, Thomas W.: *See—*
  Carpenter, Kent H.; Whorley, Gerald E., deceased; and Lennard, Thomas W., 4,547,220, Cl. 75-84.000.

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  - Romey, Ingo; and Lennartz, Rudiger, 4,517,086, Cl. 210-323.200.
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  - Beaudet, Leo A.; and Lennon, Donald J., 4,496,236, Cl. 355-3.0DR.
- Lennon, Richard E.: *See—*
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  - Ellis, Charles B., 4,544,334, Cl. 417-360.000.
- Leno, Theodore M.: *See—*
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  - Jan, Gerald; and Lenoir, John, 4,521,591, Cl. 534-821.000.
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  - Snygg, Keijo K., 4,516,735, Cl. 242-56.00R.
- Lenox, Ronald S.; Schwartz, Anne L.; and Hoyle, Charles E., to Armstrong World Industries, Inc. Development of a colored image on a cellulosic material with monosulfonyl azides. 4,556,625, 12-3-85, Cl. 430-145.000.
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- Lenz, Hermann: *See—*
  - Hafner, Gunther; Lenz, Hermann; and Finger, Helmut, 4,503,337, Cl. 290-4.00D.
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  - Dietrich, Anton; Hartig, Klaus; Lenz, Werner; and Scherer, Michael, 4,548,691, Cl. 204-192.00P.
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  - Davis, James E., 4,534,116, Cl. 33-234.000.
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- Leo, Heinz: *See—*
  - Klein, Werner; and Leo, Heinz, 4,533,078, Cl. 228-45.000.
- Leo Pharmaceutical Products Ltd. A/S (Lovens Kemiske Produktionsaktienselskab): *See—*
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  - von Daehne, Welf, 4,511,512, Cl. 260-245.20R.
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  - Frushtick, Leonard, 4,538,370, Cl. 38-42.000.
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  - Tuttle, Alan H.; Leonard, James K.; and Dlugosz, Henry J., 4,500,096, Cl. 277-53.000.
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  - Maloy, Joseph T.; Leonard, John F.; and Fritts, David H., 4,546,897, Cl. 220-277.000.

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  Jones, C. Andrew; Leonard, John J.; Sofranko, John A.; and Withers, Howard P., 4,523,049, Cl. 585-500.000.
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  Pelletier, Charles A.; Gonso, William E., Jr.; Cameron, Douglas S.; and Leonard, Patrick R., 4,524,607, Cl. 73-40.50R.
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  Haus, Hermann A.; Kirsch, Steven T.; and Leonberger, Frederick J., 4,505,587, Cl. 356-345.000.
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Leone, Gino L., to Alcan International Limited. Metal pretreatment for resistance spot welding of aluminum. 4,546,229, 10-8-85, Cl. 219-118.000.
Leone, James W.: *See—*
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Leong, David S., to Templeton Kenly & Company. Low profile jack construction. 4,500,072, 2-19-85, Cl. 254-95.000.
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Leonhard, Kurt: *See—*
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  Young, Robert S.; and Leopard, Wilton, 4,534,080, Cl. 15-23.000.
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Leppik, Raymond A.: *See—*
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  Deckers, Albert T.; and Leppink, Arie, 4,515,470, Cl. 355-105.000.
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  Schmidtlein, Hubertus; and Lerche, Horst-Dieter, 4,514,733, Cl. 343-5.0MM.
Le Rest, Ambroise: *See—*
  Guillou, Louis C.; Le Bris, Raymond; and Le Rest, Ambroise, 4,543,559, Cl. 340-347.0DD.
Lergier, William: *See—*
  Felix, Arthur M.; Gillessen, Dieter; Lergier, William; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,517,119, Cl. 260-112.50R.
Le Ribault, Loic P.; Donogues, Jacques P.; and Duffaut, Norbert C., to Lamothe, Boulan, Dunogues, Duffaut, and Ribault. Process for eliminating clays from rocks and sedimentary environments. 4,553,597, 11-19-85, Cl. 166-305.00R.
Lerman, Max. Cervical collar. 4,520,801, 6-4-85, Cl. 128-75.000.
Lerman, Max. Cervical collar. 4,538,597, 9-3-85, Cl. 128-75.000.
Lerman, Michael J.; Koehl, Richard; Chiarella, Anthony A.; and Zamory, William, to De Dietrich (USA), Inc. Agitator including impeller assembly and shaft having interference fit. 4,508,455, 4-2-85, Cl. 366-247.000.
Lerman, Michael J.: *See—*
  Koehl, Richard; and Lerman, Michael J., 4,491,421, Cl. 366-247.000.
Lermer Apparatebau GmbH: *See—*
  Schmidt, Hubert, 4,526,253, Cl. 188-1.120.
Lermuzeaux, Andre: *See—*
  Roullet, Alain; and Lermuzeaux, Andre, 4,546,609, Cl. 62-49.000.
Lerner, Edward M.; and Olson, Harold J., to Honeywell Inc. Distributed electric power demand control. 4,549,274, 10-22-85, Cl. 364-492.000.
Lerner, Elaine. Sexual aid. 4,524,760, 6-25-85, Cl. 128-1.00R.
Lerner, Lawrence: *See—*
  Ziegelheim, Irwin I.; and Lerner, Lawrence, 4,536,044, Cl. 312-257.00R.
Lerner, Michael. Cleat. 4,553,495, 11-19-85, Cl. 114-218.000.
Lerner, Michael: *See—*
  Gorney, Moshe; Lerner, Michael; and Shavit, Amos, 4,540,125, Cl. 239-232.000.
Lerner, Richard, to Cine-Tech, Inc. Remote camera viewfinder. 4,541,698, 9-17-85, Cl. 354-82.000.
Lerner, Richard A.: *See—*
  Bittle, James L.; and Lerner, Richard A., 4,544,500, Cl. 260-112.50R.
Le Roc'h, Roland: *See—*
  Lemaire, Marc; and Le Roc'h, Roland, 4,545,269, Cl. 81-57.340.
Le Rodallec, Andre J. L.: *See—*
  Mathieu, Michel G.; and Le Rodallec, Andre J. L., 4,555,736, Cl. 358-342.000.
Lerohl, John A.: *See—*
  Tobin, Patrick L.; Green, Joseph W.; and Lerohl, John A., 4,549,739, Cl. 273-248.000.
LeRoue, Lloyd J. Hollow telescoping fishing rod. 4,541,197, 9-17-85, Cl. 43-18.100.
Lerouge, Claude P. H.: *See—*
  Colardelle, Joel S. G.; Lerouge, Claude P. H.; and Loup, Nicole J. R., 4,496,798, Cl. 179-84.00T.
Leroux, Didier: *See—*
  Paradowski, Henri; and Leroux, Didier, 4,539,028, Cl. 62-9.000.
Leroux, Yves, to Minemet Recherche. Hydroxy-diphosphonic acid derivatives of higher carboxylic acids. 4,559,181, 12-17-85, Cl. 260-502.40A.
Le Roy, Alain: *See—*
  Herbreteau, Louis; and Le Roy, Alain, 4,554,546, Cl. 343-5.00W.
Leroy, Andre; and Flamme, Jean M., to Robert Bosch GmbH. Positive displacement machine having improved displacement curve. 4,556,372, 12-3-85, Cl. 418-1.000.
Leroy, Andre R.; and Flamme, Jean-Marie G. Windscreen wiper system. 4,525,891, 7-2-85, Cl. 15-250.230.
Leroy, Daniel: *See—*
  Mallen-Herrero, Jose; Leroy, Daniel; Zimmermann, Urs; and Charlat, Patrice, 4,492,541, Cl. 418-23.000.
  Mallen-Herrero, Jose ; and Leroy, Daniel, 4,503,928, Cl. 180-308.000.
  Mallen-Herrero, Jose ; Leroy, Daniel; Zimmermann, Urs; and Charlat, Patrice, 4,561,831, Cl. 418-28.000.
Leroy, Jean-Luc; and Dejeux, Pol, to Framatome & Cie. Superheated steam generator comprising bank of U-tubes. 4,498,426, 2-12-85, Cl. 122-32.000.
Leroy, Jean-Luc, to Framatome & Cie. Device for partitioning off the core of a nuclear reactor. 4,560,531, 12-24-85, Cl. 376-302.000.
Leroy, Maurice: *See—*
  Caussignac, Jean-Marie; and Leroy, Maurice, 4,497,576, Cl. 356-335.000.
Leroy, Michel; and Keinborg, Maurice, to Aluminium Pechiney. Electrolysis tank, for the production of aluminum, having a floating conductive screen. 4,533,452, 8-6-85, Cl. 204-243.00R.
Leroy, Michel: *See—*
  Keinborg, Maurice; Varin, Philippe; Bertaud, Yves; and Leroy, Michel, 4,532,017, Cl. 204-67.000.
Le Roy, Pierre; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, to Rhone-Poulenc Sante. 3-(1-halo-2-oxoethyl)cephalosporin intermediates. 4,554,350, 11-19-85, Cl. 544-22.000.
Le Roy, Pierre: *See—*
  Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,496,560, Cl. 514-204.000.
  Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,526,962, Cl. 544-016.000.
Leroy, Vernon A.; Gaedtke, Harold D.; and Gaedtke, Harold D., to G&G Solar, Inc. Tracking system. 4,546,756, 10-15-85, Cl. 126-424.000.
Lersmacher, Bernhard; Wassall, Michael P.; and Connor, Philip J. Atomizer for atomic absorption spectroscopy. 4,537,506, 8-27-85, Cl. 356-312.000.
Lersmacher, Bernhard; and Knippenberg, Wilhelmus F., to U.S. Philips Corporation. Tubular cuvette for atomic absorption spectrometry. 4,547,069, 10-15-85, Cl. 356-244.000.
Lertora, Juan J. L.; and King, Lucy W., to Administrators of the Tulane Educational Fund. Use of desethyl-N-acetylprocainamide (NAPADE) as an inotropic agent. 4,555,525, 11-26-85, Cl. 514-616.000.
Lerude, Gerard; and Jullien, Claude, to La Telemecanique Electrique. Electro-magnetic switch device having different open or closed switch configurations. 4,503,409, 3-5-85, Cl. 335-132.000.
Lerude, Gerard; and Lesoile, Jacques, to La Telemecanique Electrique. Reversing device with electromagnetic control and mechanical locking. 4,506,245, 3-19-85, Cl. 335-160.000.
Lerude, Gerard: *See—*
  Jullien, Claude; and Lerude, Gerard, 4,531,797, Cl. 339-61.00M.
Lerum, Robert D.: *See—*
  Swanson, Dennis E.; and Lerum, Robert D., 4,540,3[illegible], Cl. 401-146.000.
Lerwill, William E.: *See—*
  Ziolkowski, Antoni M.; and Lerwill, William E., 4,500,978, Cl. 367-142.000.
Les Ateliers Mecaniques Alexandre, Inc.: *See—*
  Tzabanakis, George, 4,524,792, Cl. 135-90.000.
Les Cables de Lyon: *See—*
  Boby, Joel, 4,542,358, Cl. 333-246.000.
  Bonicel, Jean-Pierre; Prigent, Madeleine; and Cottevieille, Christian, 4,555,539, Cl. 524-127.000.
  Bourget, Jean-Claude, 4,494,307, Cl. 29-825.000.
  Bourget, Jean-Claude, 4,497,474, Cl. 266-81.000.
  Canivet, Jean-Luc, 4,548,664, Cl. 156-166.000.
  Canivet, Jean-Luc, 4,555,898, Cl. 57-19.000.
  Degoix, Bernard; Boussemaer, Daniel; and Allemand, Didier, 4,537,468, Cl. 350-96.210.
  Duret, Jean, 4,493,946, Cl. 174-88.00C.
  Guazzo, Lucien, 4,516,830, Cl. 350-96.220.
  Lemaitre, Rene, 4,527,485, Cl. 104-118.000.
  Martin, Jean Marcel, 4,556,581, Cl. 427-29.000.
  Mattelon, Jean-Claude; and Chauzu, Albert, 4,502,666, Cl. 254-134.3FT.
  Mignien, Georges, 4,545,645, Cl. 350-96.210.
  Rerolle, Yves, 4,523,724, Cl. 242-54.00R.
  Thevenon, Henri, 4,495,379, Cl. 174-88.00R.
  Vives, Jean-Patrick, 4,521,642, Cl. 174-70.00S.
Les Controles Vidomatic Inc.: *See—*
  Fontaine, Jean-Guy; Sarrazin, Rejean; and Poirier, Jean-Denis, 4,529,347, Cl. 414-315.000.

- Les Entreprises Tritton Ltee: *See—*
  - Tritton, Victor R.; Tritton, Gary E.; and Chevillard, Francis, 4,527,308, Cl. 24-30.50R.
- Les Fils d'Auguste Maillefer Societe Anonyme A. Ballaigues: *See—*
  - Randin, Jean-Claude, 4,557,690, Cl. 433-49.000.
- Les Fils D'Auguste Scheuchzer S.A.: *See—*
  - Buhler, Fritz, 4,535,699, Cl. 104-7.00B.
- Les Produits Associes LPA SA: *See—*
  - Moret, Michel-Antoine; Cuenoud, Gerard; and Jousson, Pierre-Jean, 4,561,251, Cl. 60-537.000.
- Les Robinets Presto: *See—*
  - Patient, Lucien, 4,516,607, Cl. 137-637.400.
- Lesage, Jean: *See—*
  - Martin, Madeleine; Lesage, Jean; Courbin, Gerard; and Rivereau, Alain, 4,522,878, Cl. 428-313.700.
- Lesche, Wolfgang; and Rindfleisch, Volker, to Siemens Aktiengesellschaft. Electrical control apparatus. 4,514,798, 4-30-85, Cl. 364-188.000.
- Lesche, Wolfgang: *See—*
  - Diepold-Scharnitzky, Rudolf; Lesche, Wolfgang; and Rindfleisch, Volker, 4,497,038, Cl. 364-900.000.
- Leschek, Walter C.: *See—*
  - Cannady, Daniel L., Jr.; Berg, Gilbert G.; Leschek, Walter C.; and Meier, Joseph F., 4,552,781, Cl. 427-57.000.
- Lesco, James M.: *See—*
  - Birkmaier, Albert A.; Harpell, Gary A.; Kurtz, Bruce E.; Patel, Gordhanbhai N.; Poncha, Rustom P.; Skovrinski, Adam L.; and Lesco, James M., 4,505,786, Cl. 204-38.400.
- Lescrenier, Charles: *See—*
  - Michaels, Terry J., 4,502,147, Cl. 378-206.000.
- Lescure, Jacques, to AMI. Articulated chair. 4,547,017, 10-15-85, Cl. 297-318.000.
- Leser, Jacques F., to CEM Compagnie Electro-Mecanique. Process and apparatus for the detection of flaws in transparent sheets of glass. 4,492,477, 1-8-85, Cl. 356-430.000.
- Lesgourgues, Jacques; and Tirole, Jacques P. H., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Gas turbine blade with chamber for circulation of cooling fluid and process for its manufacture. 4,507,051, 3-26-85, Cl. 416-97.00R.
- Leshchiner, Adolf: *See—*
  - Balazs, Endre A.; and Leshchiner, Adolf, 4,500,676, Cl. 525-54.200.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 2-(pyridinyl)-4,5,6-pyrimidinetriamines. 4,503,228, 3-5-85, Cl. 544-328.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. [5(or 4)-(pyridinyl)-2-pyrimidinyl]ureas and cardiotonic use thereof. 4,504,482, 3-12-85, Cl. 514-275.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. Process of preparing cardiotonic 3-methyl-4-(4-pyridinyl)benzeneamines. 4,506,075, 3-19-85, Cl. 546-329.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 4(or 5)-(pyridinyl)-2-pyrimidinamines and cardiotonic use thereof. 4,512,993, 4-23-85, Cl. 514-275.000.
- Lesher, George Y.; Opalka, Chester J., Jr.; and Page, Donald F., to Sterling Drug Inc. 3-amino-5-(hydroxy- and/or aminophenyl)-6-(lower-alkyl)-2(1H)-pyridinones and cardiotonic use thereof. 4,515,797, 5-7-85, Cl. 514-349.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 5-alkyl-1,6-naphthyridin-2(1H)-ones and cardiotonic use thereof. 4,517,190, 5-14-85, Cl. 514-300.000.
- Lesher, George Y., to Sterling Drug Inc. 6-alkyl-5-[4-(alkylsulfinyl or alkylsulfonyl)phenyl]-2(1H)-pyridinones and their use as cardiotonics. 4,517,192, 5-14-85, Cl. 514-345.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 5-alkanoyl-6-alkyl-2(1H)-pyridinones, their preparation and their cardiotonic use. 4,524,149, 6-18-85, Cl. 514-350.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 5-(hydroxyalkyl or alkanoyloxymethyl)-1,6-naphthyridin-2(1H)-one and cardiotonic use thereof. 4,532,247, 7-30-85, Cl. 514-299.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 5-(2-substituted-4-thiazolyl)-6-alkyl-2(1H)-pyridinones and cardiotonic use thereof. 4,539,327, 9-3-85, Cl. 514-342.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 3-substituted-5-alkyl-1,6-naphthyridin-2(1H)-ones, cardiotonic use and preparation thereof. 4,559,347, 12-17-85, Cl. 514-300.000.
- Lesher, George Y.; Opalka, Chester J., Jr.; and Page, Donald F., to Sterling Drug Inc. 1,2-dihydro-2-oxo-5-(hydroxy-and/or aminophenyl)-nicotinonitriles and cardiotonic use thereof. 4,559,352, 12-17-85, Cl. 514-344.000.
- Lesher, George Y.; and Singh, Baldev, to Sterling Drug Inc. 5-(phenyl)-1,6-naphthyridin-2(1H)-ones, their cardiotonic use and preparation. 4,560,691, 12-24-85, Cl. 514-300.000.
- Lesher, George Y.; Singh, Baldev; and Laskowski, Stanley C., to Sterling Drug Inc. 2-substituted-pyrido[2,3-d]pyrimidin-5(8H)-ones. 4,560,753, 12-24-85, Cl. 544-279.000.
- Leshik, Edward A. Apparatus for playing a game of skill. 4,501,422, 2-26-85, Cl. 273-1.0GC.
- Leshik, Richard R.; Swallow, Nancy A.; Leusner, Steven J.; and DiGiovacchino, David J., to General Foods Corporation. Cold-water-soluble gelatin powders. 4,546,002, 10-8-85, Cl. 426-576.000.
- Lesiecki, Gerald; and Kraemer, Kenneth E., to Allis-Chalmers Corporation. Bushing seal with dual restricted fluid passages. 4,502,693, 3-5-85, Cl. 277-3.000.
- Lesieur-Cotelle: *See—*
  - Dubois, Jean; Lacroix, Alain; Forestier, Lucienne; and Steiner, Jean-Pierre, 4,507,812, Cl. 4-228.000.
- Lesieur, Daniel: *See—*
  - Caignard, Daniel H.; Lespagnol, Charles; Lesieur, Daniel; and Busch, Norbert, 4,558,060, Cl. 514-375.000.
- Lesieur, Roger R., to United Technologies Corporation. Direct use of methanol fuel in a molten carbonate fuel cell. 4,524,113, 6-18-85, Cl. 429-16.000.
- Lesieur, Roger R.: *See—*
  - Setzer, Herbert J.; Bett, John A. S.; and Lesieur, Roger R., 4,522,802, Cl. 423-652.000.
- Lesk, Israel A.; and Sarma, Kalluri R. Silicon deposition process. 4,491,604, 1-1-85, Cl. 427-8.000.
- Lesk, Israel A.: *See—*
  - Gurtler, Richard W.; Legge, Ronald N.; and Lesk, Israel A., 4,547,256, Cl. 156-603.000.
- Leskovec, Edward V., to Towmotor Corporation. Pivotal hood arrangement. 4,506,750, 3-26-85, Cl. 180-69.210.
- Leskovec, Robert A.; Davenport, John M.; and von Herrmann, Pieter J., to General Electric Company. Ballast circuit for gas discharge tubes utilizing time-pulse additions. 4,555,647, 11-26-85, Cl. 315-179.000.
- Lesley, Gary M., to Head Lites Corporation. Retro-reflective attachment for wearing apparel. 4,517,685, 5-21-85, Cl. 2-170.000.
- Leslie, Dale R. Shoe patch device and method of preserving and repairing shoes. 4,551,876, 11-12-85, Cl. 12-142.00Q.
- Leslie, Elmer N.: *See—*
  - Martell, Charles R.; Leslie, Elmer N.; and Treadwell, Stephen S., 4,509,443, Cl. 112-262.100.
  - Martell, Charles R.; Leslie, Elmer N.; and Treadwell, Stephen S., 4,526,114, Cl. 112-262.100.
- Leslie Hartridge Limited: *See—*
  - Allen, Ralph; Moore, David A.; and Quinton, Edward F., 4,497,201, Cl. 73-119.00A.
- Leslie, James E.; and Anderson, Everett D., to Cardiac Pacemakers, Inc. Ambulatory infusion pump having programmable parameters. 4,529,401, 7-16-85, Cl. 604-131.000.
- Leslie, James E.: *See—*
  - Berg, Harvey F.; Peterson, Lyle; and Leslie, James E., 4,559,038, Cl. 604-153.000.
- Leslie Kovats: *See—*
  - Goyer, Norman E., 4,546,972, Cl. 272-145.000.
- Leslie Metal Arts Company: *See—*
  - Williams, V. Harold; and Tomsu, David L., 4,494,806, Cl. 312-333.000.
- Leslie, Peter C. Flexible insulative carrier. 4,513,895, 4-30-85, Cl. 224-151.000.
- Leslie, Samuel A., to General Electric Company. Control arrangement for radio apparatus. 4,495,652, 1-22-85, Cl. 455-234.000.
- Leslie, Samuel A., to General Electric Company. Control circuit for a radio transceiver. 4,513,446, 4-23-85, Cl. 455-73.000.
- Leslie, Thomas M.: *See—*
  - Goodby, John W.; Leslie, Thomas M.; and Patel, Jayantilal S., 4,561,726, Cl. 350-341.000.
- Lesniak, Thomas A., to Ex-Cell-O Corporation. Heat exchanger. 4,513,811, 4-30-85, Cl. 165-79.000.
- Lesoile, Jacques: *See—*
  - Lerude, Gerard; and Lesoile, Jacques, 4,506,245, Cl. 335-160.000.
- Lespagnol, Charles: *See—*
  - Caignard, Daniel H.; Lespagnol, Charles; Lesieur, Daniel; and Busch, Norbert, 4,558,060, Cl. 514-375.000.
- L'Esperance, Francis A., Jr. Method and apparatus for removing cataractous lens tissue by laser radiation. 4,538,608, 9-3-85, Cl. 128-303.100.
- L'Esperance, Paul M.: *See—*
  - Nikkel, Ronnie D.; and L'Esperance, Paul M., 4,523,575, Cl. 126-418.000.
- Lespinasse, Dominique: *See—*
  - Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,519,844, Cl. 106-209.000.
  - Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,548,734, Cl. 252-311.000.
- Lessard, Denis: *See—*
  - Barbulescu, Adrian; Boulet, Rodrique; and Lessard, Denis, 4,534,868, Cl. 210-780.000.
- Lessard, Philip A., to Helix Technology Corporation. Cryopump with improved adsorption capacity. 4,494,381, 1-22-85, Cl. 62-55.500.
- Lessard, William W.: *See—*
  - Levene, Martin M.; and Lessard, William W., 4,543,862, Cl. 83-19.000.
- Lessman, Gerald G.: *See—*
  - Miller, Richard A.; and Lessman, Gerald G., 4,492,843, Cl. 219-121.0LC.
- Lessmann-Mieske, Hans-Henning: *See—*
  - Kugler, Kurt; Lessmann-Mieske, Hans-Henning; and Wein, Franz, 4,550,285, Cl. 323-343.000.
- Lessoff, Howard: *See—*
  - Bottka, Nicholas; Lessoff, Howard; and Hills, Marian E., 4,492,434, Cl. 350-356.000.
- Lest, William L., to United States of America, Agriculture. Aliquot part locator. 4,554,442, 11-19-85, Cl. 235-88.00R.
- Lester, Graham G., to Smiths Industries Public Limited Company. Spool valve for connecting an output to one of two inputs. 4,502,508, 3-5-85, Cl. 137-625.690.
- Lester, Graham G.; Brand, Peter J.; and Deane, Graham, to Smiths Industries Public Limited Company. Suction-irrigation equipment with control valve. 4,526,573, 7-2-85, Cl. 604-33.000.

Lester, James M.; Reinker, Richard P.; and Regenbrecht, Douglas E., to Ball Corporation. Solid subliming cooler with radiatively-cooled vent line. 4,507,941, 4-2-85, Cl. 62-514.00R.

Lester, James N., to GTE Products Corporation. Energy control system with transmitter having channel multiplexing and frequency modulation. 4,549,178, 10-22-85, Cl. 340-825.580.

Lester, Leslie J.: *See—*
Stiff, Rodney A.; Baker, Malcolm J.; and Lester, Leslie J., 4,555,896, Cl. 56-13.900.

Lester, Roger, to USM Corporation. Shoe stiffeners. 4,507,357, 3-26-85, Cl. 428-278.000.

Lester, Theodore V., to Motorola, Inc. Self-oscillating inverter including a DC to DC converter and method for control thereof. 4,519,023, 5-21-85, Cl. 363-56.000.

Lester, Timothy E.: *See—*
Duckworth, Roger; Johnson, Roy A.; and Lester, Timothy E., 4,507,177, Cl. 204-1.00R.

Lester, Victor E. Nebulizer with capillary feed. 4,512,341, 4-23-85, Cl. 128-200.210.

Leston, Gerd, to Koppers Company, Inc. Complex formed to separate nitrated phenolic compounds from other phenolic compounds. 4,496,774, 1-29-85, Cl. 568-784.000.

Leston, Gerd, to Koppers Company, Inc. Complex formed to separate 3,5-xylenol or 3,4-xylenol from other polymethylated phenolic compounds. 4,499,312, 2-12-85, Cl. 568-780.000.

Lestraden, Jacobus W., to Schulte & Lestraden B.V. Method and device for growing products. 4,513,531, 4-30-85, Cl. 47-39.000.

Lestraden, Jacobus W., to Schulte & Lestraden B.V. Cell. 4,514,929, 5-7-85, Cl. 47-17.000.

Lestradet, Denis, to Preciculture. Apparatus for automatically guiding the movement of a vehicle, especially an off-road vehicle. 4,558,760, 12-17-85, Cl. 180-169.000.

Lestradet, Denis: *See—*
Gauchet, Yves; Crinquette, Andre; Martinet, Pascal; and Lestradet, Denis, 4,530,465, Cl. 239-127.000.

LeStrange, Raymond J.; Bayless, John H., Jr.; and Schoenberg, Allan R., to Du Pont de Nemours, E. I., and Company. Elimination of defects in cysteine-sensitized emulsions. 4,514,492, 4-30-85, Cl. 430-600.000.

Lesz, Jan: *See—*
Holzapfel, Georg; and Lesz, Jan, 4,510,174, Cl. 427-65.000.

Leszak, Edward: *See—*
Alario, Joseph P.; Kosson, Robert; and Leszak, Edward, 4,545,427, Cl. 165-104.260.

LeTarte, Walter G. Purging device for a filler carrier. 4,556,374, 12-3-85, Cl. 425-114.000.

L'Etat Francais: *See—*
Picquendar, Jean-Edgar; Henaff, Jeannine; and Feldmann, Michel, 4,543,547, Cl. 333-193.000.

L'Etat Francais represente par le Ministere de l'Urbanisme et du Logement: *See—*
Witier, Pierre, 4,528,850, Cl. 73-432.0PS.

L'Etat Francais represente par le Ministere de l'Urbanisme et du Logement, Laboratoire Central des Ponts et Chaussees: *See—*
Delmulle, Jean P.; and Torchet, Bernard, 4,546,645, Cl. 73-74.000.

L'Etat Francais represente par le Ministre des P.T.T. (Centre National d'Etudes des Telecommunications CNET): *See—*
Botrel, Jose; Harari, Sami; Briere, Joseph; and Louvel, Bernard, 4,551,839, Cl. 371-35.000.
Noirel, Maurice Y., 4,496,975, Cl. 358-147.000.
Noirel, Yves M.; Vardo, Jean-Claude; and Chevee, Gerard, 4,554,660, Cl. 370-94.000.

Letchford, John A.: *See—*
Frost, Kenneth S.; Halberstadt, Alex L.; and Letchford, John A., 4,556,786, Cl. 219-464.000.

Letellier, Philippe: *See—*
Abramatic, Jean-Francois; Nadler, Morton; and Letellier, Philippe, 4,546,383, Cl. 358-85.000.

Letellier, Richard A.: *See—*
Abbott, Vaughan; Morris, Nicholas G.; Lambert, Scott M.; and Letellier, Richard A., 4,528,015, Cl. 65-162.000.

Leterme, Dominique; and Le Merer, Jean-Pierre, to Thomson-CSF. Optical head in a recording and reading device for a data carrier. 4,542,492, 9-17-85, Cl. 369-46.000.

Leterrier, Guy: *See—*
Drabowitch, Serge; and Leterrier, Guy, 4,544,925, Cl. 343-18.00E.

Leth-Sorensen, Thomas. Holder with a plurality of spring clips for suspension of sheet material. 4,515,277, 5-7-85, Cl. 211-45.000.

Letica, Ilija. Apparatus for maintaining uniform wall thickness in hollow molded plastic articles. 4,520,991, 6-4-85, Cl. 249-122.000.

Le Tiec, Patrick; and Lacroix, Marc, to Regie Nationale des Usines Renault. Device for separation, orientation, and positioning of parts generally flat in shape. 4,549,646, 10-29-85, Cl. 198-409.000.

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Aoun, Joseph, 4,527,919, Cl. 400-111.000.

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  - Dias, Donald R.; Guterman, Daniel C.; Proebsting, Robert J.; and Leuschner, Horst, 4,510,584, Cl. 365-203.000.
- Leuschner, Peter, to Holscher & Leuschner GmbH & Co. Animal feeding method and apparatus. 4,498,424, 2-12-85, Cl. 119-51.00R.
- Leusner, Steven J.: *See—*
  - Leshik, Richard R.; Swallow, Nancy A.; Leusner, Steven J.; and DiGiovacchino, David J., 4,546,002, Cl. 426-576.000.
- Leutgob, Alois: *See—*
  - Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; and Mullner, Paul, 4,518,417, Cl. 75-10.00R.
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- Leuthen, John M.: *See—*
  - Knox, Dick L.; Leuthen, John M.; and Lockyear, Kevin W., 4,491,778, Cl. 318-803.000.
- Leuthold, Dieter: *See—*
  - Greive, Aloys; and Leuthold, Dieter, 4,561,600, Cl. 242-18.0DD.
- Leuthold, Karl, to GAO Gesellschaft fur Automation und Organisation mbH. Device for stacking sheet-shaped objects. 4,522,387, 6-11-85, Cl. 271-187.000.
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- Leutz, Walter: *See—*
  - Peterseim, Heinz; and Leutz, Walter, 4,544,138, Cl. 266-44.000.
- Leuven Research & Development: *See—*
  - Dewaegheneire, Gabriel, 4,549,717, Cl. 251-111.000.
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- Le Van, Dien; and Wallace, Jesse T., to International Business Machines Corporation. Semi self-loading ferrite head. 4,555,739, 11-26-85, Cl. 360-103.000.
- Le Van Mao, Raymond: *See—*
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- Levant, Jean M., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Clamping band. 4,490,888, 1-1-85, Cl. 24-20.00R.
- Le Vantine, Allan D. An electrostatic air cleaning device having ionization apparatus which causes the air to flow therethrough. 4,496,375, 1-29-85, Cl. 55-131.000.
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- Levasseur, Joseph L., to H. R. Electronics Company. Look-ahead vend control employing a common vend energization monitor to effect vend selection recognition for vending. 4,526,263, 7-2-85, Cl. 194-1.00N.
- LeVasseur, Rodney J.: *See—*
  - Gabel, Edward R.; Puumala, Edward J.; and LeVasseur, Rodney J., 4,518,853, Cl. 235-449.000.
- Levatter, Jeffrey I., to Katz, Bernard B. High repetition rate, uniform volume transverse electric discharger laser with pulse triggered multi-arc channel switching. 4,498,183, 2-5-85, Cl. 372-86.000.
- Levavasseur, Jacques A.: *See—*
  - Neel, Emmanuel E. A.; Levavasseur, Jacques A.; and Lucien, Jacques P., 4,547,283, Cl. 208-46.000.
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- LeVeen, Eric G.; and LeVeen, Robert F. Automatic urine flow meter. 4,532,936, 8-6-85, Cl. 128-762.000.
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  - LeVeen, Harry H.; LeVeen, Robert F.; and LeVeen, Eric G., 4,520,823, Cl. 128-348.100.
  - LeVeen, Robert F.; and LeVeen, Eric G., 4,529,590, Cl. 424-95.000.
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- Levendusky, Thomas L.; and Benson, Arthur, to Aluminum Company of America. Metal container system for use in microwave ovens. 4,558,198, 12-10-85, Cl. 219-10.55E.
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- Levene, Martin M.; and Lessard, William W., to Ontario Die Company Limited. Vacuum die cutting apparatus for foam backed materials. 4,543,862, 10-1-85, Cl. 83-19.000.
- Levenez, Pierre. Window sill. 4,492,062, 1-8-85, Cl. 52-97.000.
- Levengood, James L., to United Technologies Corporation. Coolable airfoil for a rotary machine. 4,515,526, 5-7-85, Cl. 416-96.00R.
- Levens, Michael B.: *See—*
  - Kalubowila, Prematilaka W.; Wach, Stanislaw P.; and Levens, Michael B., 4,549,043, Cl. 174-133.00R.
- Levenson, Marc D.: *See—*
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- Levenstein, Harold, to Perkin-Elmer Corporation, The. Rapid surface figuring by selective deposition. 4,533,449, 8-6-85, Cl. 204-192.00R.
- Levental, Mark. Remote activated alarm triggering device. 4,535,324, 8-13-85, Cl. 340-574.000.
- Leveque, Alain: *See—*
  - Fitoussi, Richard; Leveque, Alain; and Sabot, Jean-Louis, 4,499,058, Cl. 423-70.000.
- Leveque de Vilmorin, Laurent. Golf club for instruction or recreation. 4,512,583, 4-23-85, Cl. 273-168.000.
- Leveque, Jean L.: *See—*
  - Abrioux, Andre H.; Corcuff, Pierre; and Leveque, Jean L., 4,494,555, Cl. 128-755.000.
- Leveque, Jean-Luc: *See—*
  - Lang, Gerard; Maignan, Jean; Leveque, Jean-Luc; and Rasseneur, Laurent, 4,539,320, Cl. 514-222.000.
- Lever Brothers Company: *See—*
  - Barby, Donald; and Haq, Zia, 4,522,953, Cl. 521-64.000.
  - Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.
  - Biernoth, Gerhard; and Merk, Werner, 4,504,503, Cl. 426-312.000.
  - Blackmore, Eunice S.; Peterson, Gordon C.; and Tiddy, Gordon J. T., 4,556,502, Cl. 252-8.800.
  - Borovian, Gayie E., 4,499,071, Cl. 424-78.000.
  - Borovian, Gayle E., 4,540,570, Cl. 424-78.000.
  - Borovian, Gayle E., 4,555,400, Cl. 424-78.000.
  - Boskamp, Jelles V.; and Mohlmann, Willem M. M., 4,526,709, Cl. 252-527.000.
  - Boskamp, Jelles V., 4,532,064, Cl. 252-105.000.
  - Boskamp, Jelles V., 4,539,133, Cl. 252-109.000.
  - Brierley, John M.; and Scott, Melvin, 4,530,775, Cl. 252-128.000.
  - Butterworth, Robert M.; and Wells, Martin A., 4,555,349, Cl. 252-8.600.
  - Chaudhuri, Dwaipayan; and Stetles, Malcolm R., 4,508,705, Cl. 424-47.000.
  - Clarke, David E., 4,508,635, Cl. 252-174.230.
  - Clarke, David E., 4,554,099, Cl. 252-551.000.
  - Clarke, David E.; Davies, James F.; Smart, Colin; and Tune, John B., 4,555,354, Cl. 252-90.000.
  - Clarke, Terence A.; Edwards, Richard B.; and Irving, Graeme N., 4,517,107, Cl. 252-108.000.
  - Cook, Norman, 4,513,914, Cl. 239-121.000.
  - Cornelissen, Johannes M.; Lagerwaard, Cornelis A.; and Martens, Rudolf J., 4,547,305, Cl. 252-94.000.
  - Cox, Roger B.; and Steer, David C., 4,506,044, Cl. 524-27.000.
  - Davies, James F.; Hight, Andrew T.; and Lee, Robert S., 4,530,774, Cl. 252-108.000.
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  - Dawson, Peter L., 4,537,604, Cl. 51-298.000.
  - de Ridder, Johannes J. M.; Hollingsworth, Michael W.; and Robb, Ian D., 4,539,144, Cl. 252-526.000.
  - Edge, David J.; Naik, Appaya R.; and Scott, Melvin, 4,537,709, Cl. 252-558.000.
  - Evans, Elfed H.; Hirte, Klaus; and Stremmel, Gerd, 4,549,978, Cl. 252-109.000.
  - Finch, Timothy D.; and Beavan, Stuart W., 4,524,014, Cl. 252-188.100.
  - Garner-Gray, Peter F., 4,539,131, Cl. 252-99.000.
  - Gercama, Anne; and Schijf, Robert, 4,501,764, Cl. 426-607.000.
  - Gould, Grahame; Crossley, Anthony; and Moran, David P. J., 4,520,037, Cl. 426-330.600.
  - Green, Martin R., 4,529,587, Cl. 424-70.000.
  - Gutierrez, Eddie N.; and Lamberti, Vincent, 4,528,144, Cl. 260-503.000.
  - Haq, Zia, 4,515,703, Cl. 252-92.000.
  - Haq, Zia, 4,536,521, Cl. 521-146.000.
  - Harris, Peter; and Yoell, Richard W., 4,528,203, Cl. 426-555.000.
  - Izzo, Henry J.; and McNaught, John P., 4,546,003, Cl. 426-581.000.
  - Jones, Robert A.; Jones, Frank; and Taylor, Graham, 4,554,091, Cl. 252-187.250.
  - Kirton, Douglas C.; MacNeill, Avril B.; and Verhagen, Laurentius A. M., 4,536,411, Cl. 426-603.000.
  - Lamberti, Vincent, 4,524,013, Cl. 252-174.210.
  - Lamberti, Vincent; and Gutierrez, Eddie N., 4,530,801, Cl. 260-503.000.
  - Lansbergen, Gabriel J. T., 4,521,440, Cl. 426-602.000.
  - Lee, Robert S.; and Scowen, Reginald V., 4,514,185, Cl. 8-137.000.
  - Melville, James B., 4,511,495, Cl. 252-522.00A.
  - Moran, David P. J.; and Sharp, David G., 4,513,017, Cl. 426-603.000.
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  - Moran, David P. J.; and Campbell, Iain J., 4,540,593, Cl. 426-603.000.
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Muhlemann, Hans R.; and Saxer, Ulrich P., 4,522,806, Cl. 424-52.000.

Naik, Appaya R., 4,528,128, Cl. 252-549.000.

Namnath, James S., 4,536,183, Cl. 8-107.000.

Neiditch, Oscar W.; Hurdle, Edmund S.; and Fox, Daniel J., 4,497,718, Cl. 252-8.750.

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Oakes, John, 4,539,132, Cl. 252-95.000.

Oneto, Francis E. J.; and Vermersch, Marc, 4,540,567, Cl. 424-45.000.

Padron, Tamara; and Lopez, Ignacio, 4,532,067, Cl. 252-174.170.

Rek, Johannes H. M., 4,556,504, Cl. 252-135.000.

Ritchey, Thomas W., 4,560,549, Cl. 424-18.000.

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Rubin, Fred K.; Van Blarcom, David; and Fox, Daniel J., 4,528,039, Cl. 134-2.000.

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Schmidt, Werner J.; Dijkshoorn, Willem; Stratmann, Wilhelm; and Vermaas, Leo F., 4,510,167, Cl. 426-607.000.

Sen Gupta, Achintya K., 4,533,501, Cl. 260-428.000.

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Urban, Warren J.; Barillo, Joseph; and Krupa, Jerry J., 4,536,338, Cl. 260-400.000.

van de Pas, Johannes C.; van Voorst Vader, Frederik; and Toet, Wilhelmina K., 4,530,780, Cl. 252-528.000.

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Levesque, Guy: *See—*

Detienne, Jean-Louis; Levesque, Guy; and Tozzolino, Pierre, 4,521,301, Cl. 209-166.000.

Levesque, Yvon, to Johnson & Johnson. Low density peat moss board. 4,507,122, 3-26-85, Cl. 604-375.000.

Levey, Gustave S.: *See—*

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Levi, David E., to Maytag Company, The. Oven seal arrangement. 4,512,331, 4-23-85, Cl. 126-190.000.

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Levie, Harold W.: *See—*

Rankin, Glenn H.; and Levie, Harold W., 4,502,060, Cl. 346-140.00R.

Levie, Lewis A.; and Fowler, Max J., to Pneumafil Corporation. Continuous filtration. 4,502,874, 3-5-85, Cl. 55-283.000.

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Levien, Raphael L. Software protection method and apparatus. 4,523,271, 6-11-85, Cl. 364-200.000.

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Levin, Herbert L.: *See—*

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Levin, Sofia N., administratrix: *See—*

Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.

Levin, Viktor Y., deceased: *See—*

Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.

Levine, Alfred B. Selective time scheduler and subscheduler. 4,548,510, 10-22-85, Cl. 368-10.000.

Levine, Alfred L.: *See—*

Scardilli, A. Vincent; and Levine, Alfred L., 4,559,582, Cl. 362-23.000.

LeVine, Arthur L. Knife sharpener clamp construction. 4,512,112, 4-23-85, Cl. 51-221.0BS.

Levine, Carl: *See—*

Berger, Harvey L.; Ericson, A. Earle; and Levine, Carl, 4,541,564, Cl. 239-102.000.

Levine, Edward H.; and Newbold, F. E. Dixon, to Rhode Gear USA. Bicycle handlebar mounted carrier bag. 4,542,839, 9-24-85, Cl. 224-36.000.

Levine, Fred. Ice machine pump rebuild kit. 4,557,672, 12-10-85, Cl. 417-360.000.

Levine, Harold H.; Kavaloski, Peter P.; and Hale, Thomas K., to Lockheed Corporation. Compatible smoke and oxygen masks for use on aircraft. 4,559,939, 12-24-85, Cl. 128-201.280.

Levine, James L.: *See—*

Garwin, Richard L.; and Levine, James L., 4,511,760, Cl. 178-18.000.

Garwin, Richard L.; and Levine, James L., 4,558,313, Cl. 340-709.000.

Levine, Jules D., to Texas Instruments Incorporated. Large area, low temperature process, fault tolerant solar energy converter. 4,521,640, 6-4-85, Cl. 136-250.000.

Levine, Lawrence W.; and Mullins, Carolyn C., to Carlin Foods Corporation. Process for making a fried fruit filling composition-containing food product. 4,517,203, 5-14-85, Cl. 426-19.000.

Levine, Michael A. Weak-source for cryogenic semiconductor device. 4,499,482, 2-12-85, Cl. 357-30.000.

Levine, Michael R. Electronic thermostat with repetitive operation cycle. 4,531,064, 7-23-85, Cl. 307-66.000.

Levine, Morris M., to CIC Int'l. Corp. Extrusion apparatus. 4,492,550, 1-8-85, Cl. 425-142.000.

Levine, Morris M., to CIC Int'l. Corp. Wet-dry vacuum cleaner. 4,536,914, 8-27-85, Cl. 15-344.000.

Levine, Morris M., to CIC Int'l. Corp. Wet-dry vacuum cleaner. 4,542,557, 9-24-85, Cl. 15-344.000.

Levine, Morris M., to CIC Int'l. Corp. Mixing apparatus and method. 4,548,054, 10-22-85, Cl. 62-342.000.

Levine, Norman D. Elastic bodyband method and apparatus. 4,531,242, 7-30-85, Cl. 2-243.00R.

Levine, Norman D. Heavy bag stand. 4,557,478, 12-10-85, Cl. 272-78.000.

Levine, Paul J., to HLF Corporation. Computer security system for a time shared computer accessed over telephone lines. 4,531,023, 7-23-85, Cl. 179-2.00R.

Levine, Paula B., to Paula Blaine International, Ltd. Hidden message puzzle packet. 4,512,581, 4-23-85, Cl. 273-153.00R.

Levine, Peter A., to RCA Corporation. Compensation against field shading in video from field-transfer CCD imagers. 4,496,982, 1-29-85, Cl. 358-221.000.

Levine, Peter A., to RCA Corporation. CCD imager with improved low light level response. 4,499,497, 2-12-85, Cl. 358-213.000.

Levine, Peter A., to RCA Corporation. Automatic adjustment of the amplitudes of plural-phase CCD clocking voltages. 4,524,450, 6-18-85, Cl. 377-62.000.

Levine, Peter A., to RCA Corporation. Low noise black level reference for CCD imagers. 4,549,215, 10-22-85, Cl. 358-213.000.

Levine, Peter A., to RCA Corporation. Dark-current level regulation in solid-state devices. 4,551,762, 11-5-85, Cl. 358-221.000.

Levine, Peter A., to RCA Corporation. Reduction of noise in signal from charge transfer devices. 4,556,851, 12-3-85, Cl. 329-50.000.

Levine, Peter A., to RCA Corporation. Dark current sensing with a solid-state imager having a CCD line register output. 4,562,473, 12-31-85, Cl. 358-213.000.

Levine, Peter A., to RCA Corporation. DC restoration of synchronously detected CCD imager output signals. 4,562,475, 12-31-85, Cl. 358-213.000.

Levine, Peter A.: *See—*

Wood, Robert F., Jr.; Monahan, John F.; and Levine, Peter A., 4,525,7[illegible], Cl. 358-213.000.

Levine, Richard, to United Technologies Corporation. Attachment for TOBI. 4,526,511, 7-2-85, Cl. 416-95.000.

Levine, Richard W., to Construction Technology, Inc. Method and apparatus for designing duct work and for producing patterns for conduit sections in the designed duct work. 4,551,810, 11-5-85, Cl. 364-475.000.

Levine, Richard W., to Construction Technology, Inc. Method and apparatus for marking or cutting laminar patterns or forms. 4,554,635, 11-19-85, Cl. 364-475.000.

Levine, Robert A. Stool sampling device. 4,559,949, 12-24-85, Cl. 128-638.000.

Levine, Seymour, to Litton Systems, Inc. Apparatus and method for inertial measurement of pipeline deflection. 4,524,526, 6-25-85, Cl. 33-312.000.

Levine, Seymour D.: *See—*
- Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,571, Cl. 544-286.000.
- Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,570, Cl. 544-286.000.
- Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,556,739, Cl. 564-443.000.

Levine, Stephen A.: *See—*
- Powell, Justin C.; and Levine, Stephen A., 4,495,077, Cl. 252-51.50A.

Levings, Nelson, Jr.; Evans, Donald J., deceased; and by Evans, Stephen G., administrator. Knock-down furniture assembly. 4,497,524, 2-5-85, Cl. 312-265.000.

Levinson, Frank H.; and Limb, John O., to AT&T Bell Laboratories. Reconfigurable collision avoiding system, station and protocol for a two path multiple access digital communications system. 4,542,502, 9-17-85, Cl. 370-88.000.

Levinson, Frank H.; and Schweizer, Rudolph C., to AT&T Bell Laboratories. Optical coupling devices. 4,550,975, 11-5-85, Cl. 350-96.180.

Levinson, Leo, to Xerox Corporation. Cassette sheet feed apparatus. 4,540,169, 9-10-85, Cl. 271-127.000.

Levinson, Samuel, to United Technologies Corporation. Adjustable double balanced mixer. 4,534,062, 8-6-85, Cl. 455-330.000.

Levinson, Samuel H.; and Caldicott, Jack R. Remote-controlled doorbell signal receiver. 4,523,193, 6-11-85, Cl. 340-825.690.

Levinstein, Hyman J.; Murarka, Shyam P.; and Williams, David S., to AT&T Bell Laboratories. Boron nitride X-ray masks with controlled stress. 4,522,842, 6-11-85, Cl. 427-8.000.

Levinstein, Hyman J.; and Vaidya, Sheila, to AT&T Bell Laboratories. Method of fabricating VLSI CMOS devices having complementary threshold voltages. 4,555,842, 12-3-85, Cl. 29-571.000.

Levinthal, Michael L., to Morton Thiokol, Inc. Process for simultaneously crystallizing components of EAK explosive. 4,555,280, 11-26-85, Cl. 149-109.600.

Levis, William W., Jr.: *See—*
- Korczak, Alexander; and Levis, William W., Jr., 4,517,383, Cl. 564-443.000.
- Korczak, Alexander; and Levis, William W., Jr., 4,562,290, Cl. 564-399.000.

Leviton Manufacturing Company, Inc.: *See—*
- Bienwald, F. Wolfgang, 4,508,417, Cl. 339-176.00L.
- Doyle, Richard C.; and Rivera, Lester, 4,518,945, Cl. 340-310.00A.
- Johnson, George E.; and Brenner, Stanley, 4,535,398, Cl. 362-404.000.

Levitt, George; and Petersen, Wallace C., to Du Pont de Nemours, E. I., and Company. Herbicidal s-triazines. 4,492,599, 1-8-85, Cl. 71-93.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Herbicidal heterocyclic alkylaminocarbonylsulfonamides. 4,496,392, 1-29-85, Cl. 71-93.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Herbicidal triazine sulfonamides. 4,501,607, 2-26-85, Cl. 71-93.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Agricultural pyridinesulfonamides. 4,522,645, 6-11-85, Cl. 71-93.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Herbicidal N-(heterocyclic)-aminocarbonyl thiophenesulfonamides. 4,523,943, 6-18-85, Cl. 71-90.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Agricultural sulfonamides. 4,536,576, 8-20-85, Cl. 544-321.000.

Levitt, George; and Wolf, Anthony D., to Du Pont de Nemours, E. I., and Company. Alkyl sulfonyl sulfonamides. 4,543,120, 9-24-85, Cl. 71-93.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Agricultural pyridinesulfonamides. 4,544,401, 10-1-85, Cl. 71-92.000.

Levitt, George, to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides, compositions and use. 4,545,808, 10-8-85, Cl. 71-92.000.

Levitt, George: *See—*
- Budzinski, John C.; and Levitt, George, 4,557,752, Cl. 71-92.000.

Levitt, Tod S.: *See—*
- Fant, Karl M.; Fundakowski, Richard A.; Levitt, Tod S.; Overland, John E.; Suresh, Bindinganavle R.; and Ulrich, Franz W., 4,519,041, Cl. 364-552.000.

Levko, Fred, to Illinois Tool Works Inc. Alternate action headlamp switch with mechanical logic. 4,524,248, 6-18-85, Cl. 200-5.00B.

Levonius, Michael R.: *See—*
- Subsara, William P.; and Levonius, Michael R., 4,543,175, Cl. 204-400.000.

Levoy, Barton M. Eyeglass frame hinge. 4,561,735, 12-31-85, Cl. 351-153.000.

Levush, Baruch: *See—*
- Manheimer, Wallace; and Levush, Baruch, 4,559,475, Cl. 315-4.000.

Levy, Alan A.: *See—*
- Taylor, Peter; and Levy, Alan A., 4,505,924, Cl. 514-399.000.
- White, Christopher D.; and Levy, Alan A., 4,536,389, Cl. 424-44.000.

Levy, Alan J., to Ethicon, Inc. Segmented polyurethane surgical buttressing pledgets. 4,549,545, 10-29-85, Cl. 128-335.000.

Levy, Alvin C., to AT&T Bell Laboratories. Coated optical fiber. 4,492,428, 1-8-85, Cl. 350-96.300.

Levy, Claude; and Duchesne, Jean-Philippe. Packing, in particular for transporting and dispatching products, for example biological products. 4,501,360, 2-26-85, Cl. 206-443.000.

Levy, Donald J., to Lockheed Missiles & Space Company, Inc. Metallic coated and lubricated amorphous silica yarn used as a mesh antenna reflector. 4,549,187, 10-22-85, Cl. 343-897.000.

Levy, Ellen R. Belt construction. 4,543,672, 10-1-85, Cl. 2-321.000.

Levy, Jacqueline S.; Medhekar, Ranjana A.; and Winchell, David F., to AT&T Bell Laboratories. Automatic fault recovery arrangement. 4,529,842, 7-16-85, Cl. 179-18.0BC.

Levy-Joseph, Marc, to Ateliers Reunis. Carrier trolley, especially for customers of self-service stores. 4,519,622, 5-28-85, Cl. 280-33.99S.

Levy, Leon A.; and Matthews, Anthony, to Klingshield South Africa (Proprietary) Limited. Method of applying signs. 4,559,732, 12-24-85, Cl. 40-595.000.

Levy, Leon S.: *See—*
- Freeman, Martin; and Levy, Leon S., 4,550,436, Cl. 382-34.000.

Levy, Leonard R.: *See—*
- Orio, Alfred P.; Levy, Leonard R.; and Gulla, Michael, 4,511,403, Cl. 106-1.220.

Levy-Navarro, Bernardo; and Sylvernale, Ensi P., to Burroughs Corporation. Pulse width decoder for double frequency encoded serial data. 4,547,764, 10-15-85, Cl. 340-347.0DD.

Levy, Nessim I. Carriage positioning system. 4,524,520, 6-25-85, Cl. 33-1.00M.

Levy, Nessim I. X-Y tables particularly for use as plotters. 4,555,851, 12-3-85, Cl. 33-18.00R.

Levy, Paul: *See—*
- Chernoff, Edward A.; Lindtveit, Kirby M.; and Levy, Paul, 4,506,179, Cl. 310-91.000.

Levy, Paul M. Television system. 4,517,592, 5-14-85, Cl. 358-92.000.

Levy, Pierre; and Robert, Andre, to Societe Anonyme de Telecommunications. Passive missile homing system. 4,540,139, 9-10-85, Cl. 244-3.190.

Levy, Pierre; and Robert, Andre, to Societe Anonyme de Telecommunications. Passive missile guidance process. 4,540,140, 9-10-85, Cl. 244-3.190.

Levy, Richard C.; Levy, Sheryl; and Piaget, Gary. Interactive inflatable bag toy. 4,529,390, 7-16-85, Cl. 446-220.000.

Levy, Richard H.; and Mockett, Paul M. Method and apparatus for determining the density characteristics of underground earth formations. 4,504,438, 3-12-85, Cl. 376-156.000.

Levy, Roger: *See—*
- Lash, Edward G.; Levy, Roger; and Nickels, Charles J., 4,557,129, Cl. 72-176.000.

Levy, Ronald; Maloney, David G.; and Thielemans, Kristiaan, to Leland Stanford Junior University, The Board of Trustees of the. Assay for monoclonal antibody against surface Ig of a human B cell tumor. 4,513,088, 4-23-85, Cl. 436-518.000.

Levy, Roy J.: *See—*
- Brcich, Joseph A.; Levy, Roy J.; Madewell, Jimmy; and Threewitt, N. Bruce, 4,542,454, Cl. 364-200.000.

Levy, Sheryl: *See—*
- Levy, Richard C.; Levy, Sheryl; and Piaget, Gary, 4,529,390, Cl. 446-220.000.

Levy, Stanley B., to Du Pont de Nemours, E. I., and Company. Perfluorocarbon copolymer films. 4,510,300, 4-9-85, Cl. 526-247.000.

Levy, Stanley B., to Du Pont de Nemours, E. I., and Company. Fluorocarbon copolymer films. 4,510,301, 4-9-85, Cl. 526-254.000.

Levy, Stanley B., to Du Pont de Nemours, E. I., and Company. Chlorotriflouroethylene polymer oriented films. 4,544,721, 10-1-85, Cl. 526-249.000.

Levy, Uri: *See—*
- Gordon, Eugene I.; and Levy, Uri, 4,539,687, Cl. 372-43.000.

Lew, Eugene K.; and Wallace, Harvey W., to Sperry Corporation. High speed bus architecture. 4,494,192, 1-15-85, Cl. 364-200.000.

Lew, Eugene K., to Sperry Corporation. Memory management system. 4,528,648, 7-9-85, Cl. 365-236.000.

Lew, Hyok S. Solar trap. 4,494,529, 1-22-85, Cl. 126-439.000.

Lew, Hyok S. Chamfered roller mechanical transmission. 4,499,781, 2-19-85, Cl. 74-193.000.

Lew, Hyok S. Dolly equipped with loading-unloading scissor hoist. 4,503,983, 3-12-85, Cl. 212-187.000.

Lew, Hyok S.; and Lew, Yon S. Floating disc divert valve. 4,512,372, 4-23-85, Cl. 137-862.000.

Lew, Hyok S. Dished disc free-disc butterfly valve. 4,520,995, 6-4-85, Cl. 251-162.000.

Lew, Hyok S.; and Lew, Yon S. Slide connectors with locking means. 4,544,300, 10-1-85, Cl. 403-170.000.

Lew, Hyok S. Evaporative waste disposal system. 4,546,502, 10-15-85, Cl. 4-449.000.

Lew, Hyok S.; and Stranahan, Michael. Ball-plug pendulum check valve. 4,546,792, 10-15-85, Cl. 137-527.000.

Lew, Hyok S.; and Stranahan, Michael. Spring biased shifting pivoting center hinge. 4,547,929, 10-22-85, Cl. 16-286.000.

Lew, Hyok S.; and Stranahan, Michael. Comparative variable resistance position indicator. 4,560,986, 12-24-85, Cl. 340-870.380.

Lew, Hyok S.; and Stranahan, Michael. Air-vac toilet. 4,561,132, 12-31-85, Cl. 4-420.000.

Lew, Hyok S.: *See*—
  Lew, Yon S.; and Lew, Hyok S., 4,498,371, Cl. 92-2.000.

Lew, Wing G.; Deutsch, Richard A.; and Nasserian, Mojtaba, to Adjustable Bushing Corporation. Expandable bushing and lock fastener. 4,507,034, 3-26-85, Cl. 411-21.000.

Lew, Yon S.; and Lew, Hyok S. Direct acting rotary actuator cylinder. 4,498,371, 2-12-85, Cl. 92-2.000.

Lew, Yon S.: *See*—
  Lew, Hyok S.; and Lew, Yon S., 4,512,372, Cl. 137-862.000.
  Lew, Hyok S.; and Lew, Yon S., 4,544,300, Cl. 403-170.000.

Lewallen, Steve F.; Lewis, Billy J.; McIver, James R.; Hoss, Robert E.; and Pierce, Edward W., to Great Lakes Carbon Corporation. Nonconducting oxidation retardant coating composition for carbon and graphite. 4,530,853, 7-23-85, Cl. 427-113.000.

Lewandowski, Edward F.; and Peterson, Leroy L., to United States of America, Energy. Method of extruding and packaging a thin sample of reactive material including forming the extrusion die. 4,499,708, 2-19-85, Cl. 53-432.000.

Lewandowski, Edward F.: *See*—
  Groh, Edward F.; Cassidy, Dale A.; and Lewandowski, Edward F., 4,500,488, Cl. 376-409.000.

Lewandowski, James: *See*—
  McEver, James P.; and Lewandowski, James, 4,496,162, Cl. 277-9.500.

Lewandowski, Raymond; and Leger, Raymond A., to Cherry Electrical Products Corporation. Electrical appliance interlock switch with force efficient actuator. 4,528,430, 7-9-85, Cl. 200-61.620.

Lewandowski, Raymond, to Cherry Electrical Products Corporation. Electrical appliance interlock switch. 4,529,852, 7-16-85, Cl. 200-50.00A.

Lewandowski, Reiner, to Pfister GmbH. Method and apparatus for checking the functions of a display system. 4,541,066, 9-10-85, Cl. 364-580.000.

Lewandowski, Robert S., to General Electric Company. Method for coating quartz with boron nitride. 4,522,849, 6-11-85, Cl. 427-237.000.

Lewandowski, Thomas: *See*—
  Steere, Robert E., Jr.; and Lewandowski, Thomas, 4,537,177, Cl. 125-13.00R.

Lewandowski, Willi, to Hauni-Werke Korber & Co. KG. Machine tool with detachable tool shielding means. 4,551,953, 11-12-85, Cl. 51-268.000.

Lewarchik, Ronald J.; Murphy, Edward J.; and Beeks, Elaine C., to DeSoto, Inc. Ultraviolet cured coating method to provide stone chip resistance. 4,504,374, 3-12-85, Cl. 204-181.00C.

Lewarchik, Ronald J.; Murray, Kevin P.; Donovan, Marcella G.; and Jones, Arthur T., to DeSoto, Inc. Thermosetting coating compositions for the sealing of fiber reinforced plastics. 4,526,939, 7-2-85, Cl. 525-438.000.

Lewarchik, Ronald J.; Noren, Gerry K.; Metcalfe, Ronald; Bonin, Demetrius J.; and Poklacki, Erwin S., to DeSoto, Inc. Low temperature-curing polyester urethane systems. 4,530,977, 7-23-85, Cl. 525-443.000.

Lewarchik, Ronald J.; and Thompson, Jeffrey W., to DeSoto, Inc. Thermally cured topcoats on vacuum deposited metal. 4,560,728, 12-24-85, Cl. 525-123.000.

Lewarchik, Ronald J.: *See*—
  Murphy, Edward J.; Lewarchik, Ronald J.; and Thompson, Jeffrey W., 4,532,021, Cl. 204-159.160.
  Sekmakas, Kazys; Shah, Raj; Lewarchik, Ronald J.; and Murray, Kevin P., 4,518,746, Cl. 525-443.000.

Lewbart, Marvin L., to Crozer-Chester Medical Center. Prednisolone derivatives. 4,511,511, 4-16-85, Cl. 260-239.55D.

Lewicki, John, to California Biotechnology, Inc. Monoclonal antibodies against alveolar surfactant protein. 4,562,003, 12-31-85, Cl. 260-112.00B.

Lewin, George. Work table for saws and other tools. 4,502,518, 3-5-85, Cl. 144-286.00A.

Lewin, Ian: *See*—
  Quiogue, Honesto D.; and Lewin, Ian, 4,559,587, Cl. 362-147.000.

Lewin, Ian H.; Plummer, Michael J.; and Ward, Rodney, to U.S. Philips Corporation. Electrostatic chuck. 4,502,094, 2-26-85, Cl. 361-234.000.

Lewin, Ian H., to U.S. Philips Corporation. Electrostatic chuck loading. 4,554,611, 11-19-85, Cl. 361-234.000.

Lewin, John E.: *See*—
  Servas, Frank; Lewin, John E.; Pavlov, Tudor; and Diettrich, Lambert J., Jr., 4,559,999, Cl. 165-156.000.

Lewiner, Jacques; Perino, Didier; and Hennion, Claude. Devices for measuring ionizing radiations. 4,546,257, 10-8-85, Cl. 250-388.000.

Lewiner, Jacques; and Charpak, Georges. Devices designed to measure locally the electric charges carried by dielectrics. 4,553,089, 11-12-85, Cl. 324-71.100.

Lewing, Douglas S.: *See*—
  Pepper, Roger T.; Nelson, Daniel C.; and Lewing, Douglas S., 4,526,770, Cl. 423-447.400.

Lewins, John D., to Koninklijke Emballage Industrie Van Leer B.V. Valve unit for liquid container. 4,529,105, 7-16-85, Cl. 222-153.000.

Lewinski, Kenneth F.: *See*—
  Kirpluk, Kenneth R.; and Lewinski, Kenneth F., 4,556,189, Cl. 248-649.000.

Lewinter, Sidney W., to Aerospace Corporation, The. Digital to analog converter. 4,499,594, 2-12-85, Cl. 381-46.000.

Lewis, Alvin W. Method of manufacturing and building preformed modular building wall sections. 4,494,353, 1-22-85, Cl. 52-741.000.

Lewis, Arnold; and Hagen, Norman R. Natural appearing posterior teeth for denture plates and the like. 4,525,146, 6-25-85, Cl. 433-198.000.

Lewis, Arthur E.: *See*—
  Mallon, Richard G.; Walton, Otis R.; Lewis, Arthur E.; and Braun, Robert L., 4,539,917, Cl. 110-256.000.

Lewis, Arthur M.; and Scudo, Aldo, to Exxon Research & Engineering Co. Hot melt ink jet having non-spill reservoir. 4,539,568, 9-3-85, Cl. 346-1.100.

Lewis, Bernard L.; and Kretschmer, Frank F., Jr., to United States of America, Navy. Pulse compression sidelobe suppressor. 4,507,659, 3-26-85, Cl. 343-17.2PC.

Lewis, Bernard L., to United States of America, Navy. Phase-coded pulse expander-compressor. 4,509,051, 4-2-85, Cl. 343-17.2PC.

Lewis, Bernard L., to United States of America, Navy. Pulse compression system. 4,521,779, 6-4-85, Cl. 343-17.2PC.

Lewis, Bernard L., to United States of America, Navy. Phase coded pulse expander-compressor. 4,524,362, 6-18-85, Cl. 343-17.2PC.

Lewis, Billy J.: *See*—
  Lewallen, Steve F.; Lewis, Billy J.; McIver, James R.; Hoss, Robert E.; and Pierce, Edward W., 4,530,853, Cl. 427-113.000.

Lewis, Brett; and Fellner, Van N. Flag raising device for water skiing. 4,545,320, 10-8-85, Cl. 116-28.00R.

Lewis, Carol R., to Varian Associates, Inc. Metal-containing organic photoresists. 4,517,276, 5-14-85, Cl. 430-192.000.

Lewis, Charles, Jr.; Olander, Jitka V.; and Tolbert, William R., to Monsanto Company. Method of isolating monoclonal antibodies from hybridoma cultures. 4,533,496, 8-6-85, Cl. 260-112.00R.

Lewis, Charles, Jr.: *See*—
  Tolbert, William R.; Feder, Joseph; and Lewis, Charles, Jr., 4,537,860, Cl. 435-240.000.

Lewis, Charles J.: *See*—
  Morehouse, Alpha L.; and Lewis, Charles J., 4,536,408, Cl. 426-250.000.

Lewis, Charles M., to Dayco Corporation. Method of splicing a thermoplastic mandrel and a mandrel made by said method. 4,541,883, 9-17-85, Cl. 156-159.000.

Lewis, Christopher G.; and Martin, Patrick. Long shelf life cementitious anchoring capsule. 4,534,795, 8-13-85, Cl. 106-89.000.

Lewis, Conrad, to Mitel Corporation. Time division switching matrix. 4,510,597, 4-9-85, Cl. 370-66.000.

Lewis, D. Michael: *See*—
  Everman, Wayne F.; Lewis, D. Michael; and Russell, Raymond L., 4,537,584, Cl. 493-93.000.

Lewis, Dan, Jr., to Miles Laboratories, Inc. Collapsible molded container. 4,553,970, 11-19-85, Cl. 604-408.000.

Lewis, Danny H.: *See*—
  Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,530,840, Cl. 514-179.000.
  Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,542,025, Cl. 424-78.000.

Lewis, David, to Nu-Way Energy Limited. Burner for gaseous fuels. 4,523,905, 6-18-85, Cl. 431-351.000.

Lewis, David F., to GAF Corporation. Electron beam sensitive resist. 4,513,076, 4-23-85, Cl. 430-270.000.

Lewis, David F., to GAF Corporation. Electron beam sensitive resist. 4,542,090, 9-17-85, Cl. 430-296.000.

Lewis, David G., to Deere & Company. Cooling oil cut-off valve for a clutch. 4,529,073, 7-16-85, Cl. 192-70.120.

Lewis, David H.: *See*—
  Bartuska, Victor J.; Lewis, David H.; Lewis, Robin B.; and Dalbow, David G., 4,511,841, Cl. 324-321.000.

Lewis, Delmar D.: *See*—
  Lewis, Donald E.; and Lewis, Delmar D., 4,556,222, Cl. 277-9.000.

Lewis, Donald E.; and Lewis, Delmar D. Auxiliary sealing system for fluid mixers. 4,556,222, 12-3-85, Cl. 277-9.000.

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Lewis, Frederick M.; and Berken, George A., to Zimpro Inc. Method and apparatus for controlling auxiliary fuel addition to a pyrolysis furnace. 4,517,906, 5-21-85, Cl. 110-346.000.

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Lewis, George K.; Sun, Franklin K.; Keene, Douglas L.; and Fidel, Howard F., to Irex Corporation. Dual function ultrasonic transducer assembly. 4,492,120, 1-8-85, Cl. 73-625.000.

Lewis, Harold M., to Marathon Manufacturing Company. Arcuate blind. 4,556,095, 12-3-85, Cl. 160-166.00R.

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Lewis, Henry G., Jr., to RCA Corporation. Apparatus for demodulating sampled data chroma signals. 4,527,188, 7-2-85, Cl. 358-23.000.

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Lewis, Jack H.: *See—*

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Walter, Robert J.; Lewis, Jack R.; and Moss, Charles M., 4,562,332, Cl. 219-121.0EM.

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Lewis, James H., to Nutech Energy Systems, Inc. Machine and method for the manufacture of an air-to-air heat exchanger. 4,554,719, 11-26-85, Cl. 29-157.30R.

Lewis, James M.; Owens, Robert A.; Sweeney, Richard F.; Wake, Ronald W.; and Rinehart, Robert E., to Allied Corporation. Low striation positive diazoketone resist composition with cyclic ketone(s) and aliphatic alcohol as solvents. 4,526,856, 7-2-85, Cl. 430-191.000.

Lewis, Jamie B. Splint for use with intravenous line. 4,502,477, 3-5-85, Cl. 128-133.000.

Lewis, Jeffrey M. O., to University of Edinburgh, The University Court of the. Self-acting fluid non-return valve. 4,512,366, 4-23-85, Cl. 137-527.800.

Lewis, John C., to Park-Ohio Industries, Inc. Method and apparatus for uniform induction heating of an elongated workpiece. 4,501,942, 2-26-85, Cl. 219-10.430.

Lewis, John C., to Park-Ohio Industries, Inc. Apparatus and method for inductively hardening small bores. 4,531,036, 7-23-85, Cl. 219-10.430.

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Lewis, John J. Protective device. 4,506,889, 3-26-85, Cl. 273-84.00R.

Lewis, John R.; McCurdy, Andrew; and Gaudet, Arthur D., to Polaroid Corporation. Laser printing system with developable helicoid reflector. 4,494,821, 1-22-85, Cl. 350-6.500.

Lewis, John W.: *See—*

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Lewis, Kathrine J., to Atlantic Richfield Company. Solar cell laminates. 4,499,658, 2-19-85, Cl. 29-588.000.

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Lewis, Kenneth D.; and Potts, Timothy A., to Dorr-Oliver Incorporated. Centrifugal pump with deaeration chamber. 4,548,545, 10-22-85, Cl. 415-90.000.

Lewis, Leon D., to Garrett Corporation, The. Engine management system. 4,551,972, 11-12-85, Cl. 60-39.281.

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Lewis, Lloyd James: *See—*

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Lewis, Maurice W.; and Lakes, Stephen D., to NCR Corporation. Multiple copy thermal record sheet. 4,523,207, 6-11-85, Cl. 346-214.000.

Lewis, Michael D.: *See—*

Talley, John J.; Evans, Irene A.; and Lewis, Michael D., 4,560,810, Cl. 568-805.000.

Lewis, Michael L.: *See—*

Fassett, Matthew; Toth, John F.; Lewis, Michael L.; and Miccioli, William F., 4,554,549, Cl. 343-700.0MS.

Lewis, Michael M.: *See—*

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Lewis, Norris E.; and Miller, Michael B., to Litton Systems, Inc. Optical slip ring assembly. 4,492,427, 1-8-85, Cl. 350-96.200.

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Lewis, Richard E.: *See—*

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Lewis, Robert H.: *See—*

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Lewis, Robert J.: *See—*

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Lewis, Robert M.; and Slaugh, Lynn H., to Shell Oil Company. Copper-alkali metal-ruthenium/silica catalyst for converting syngas to linear alpha-olefins. 4,497,908, 2-5-85, Cl. 502-245.000.

Lewis, Robert M.; Ott, Kevin C.; and Van Santen, Rutger A., to Shell Oil Company. Silica-clay complexes. 4,510,257, 4-9-85, Cl. 502-63.000.

Lewis, Robert T.: *See—*

Reynolds, John G.; Yu, S. Gary; and Lewis, Robert T., 4,559,129, Cl. 208-59.000.

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Lewis, Robin B.: *See—*

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Lewis, Tommy K. Self acupressure method. 4,520,798, 6-4-85, Cl. 128-24.00R.

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Lewis, Wallace J.; and Bolser, David R., to McDonnell Douglas. Heat pipe fabrication. 4,557,413, 12-10-85, Cl. 228-183.000.

Lewis, William, to Du Pont de Nemours, E. I., and Company. Discoloration-resistant spandex fiber. 4,548,975, 10-22-85, Cl. 524-147.000.

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Lewis, Willie. Hat mounted ventilation apparatus. 4,546,496, 10-15-85, Cl. 2-171.300.

Lewison, Richard A., to Wetherell, Ronald D. Shredder/plow combination. 4,522,267, 6-11-85, Cl. 172-28.000.

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- Ley, Anthony J.; and Bazin, Alain, to Enertec. Voltage-to-frequency converters. 4,507,624, 3-26-85, Cl. 332-11.00D.
- Ley, Antony; Allesch, Roland; and Bazin, Alain, to Enertec. Measurement shunt with compensation for induced error voltages. 4,494,068, 1-15-85, Cl. 324-126.000.
- Ley, Carl, to Bucher Guyer AG. Machine for working soil having drivingly oscillated soil-working tool. 4,558,745, 12-17-85, Cl. 172-42.000.
- Ley, David A.; and Burkhard, Herbert, to American Cyanamid Company. Process for making trifunctional primary amine crosslinker. 4,495,366, 1-22-85, Cl. 564-160.000.
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- Ley, David A.; and Cady, Susan M., to American Cyanamid Company. Low temperature, moisture cure coating composition. 4,528,320, 7-9-85, Cl. 524-555.000.
- Ley, David A.; and Cady, Susan M., to American Cyanamid Company. Low temperature cure, activated ester coating composition with improved pot life. 4,530,960, 7-23-85, Cl. 524-555.000.
- Ley, Gregor: *See—*
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  - Kraft, Helmut; Schumacher, Heinz; Pommer, Ernst-Heinrich; Schlotterbeck, Dietrich; and Ley, Gregor, 4,528,185, Cl. 424-81.000.
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  - Dietrich, Anton; Hartig, Klaus; Lenz, Werner; and Scherer, Michael, 4,548,691, Cl. 204-192.00P.
  - Fauser, Friedrich; and Fischer, Willi, 4,517,057, Cl. 202-205.000.
  - Feuerstein, Albert; Heimbach, Klaus-Jurgen; and Warscheit, Helmut, 4,530,100, Cl. 373-11.000.
  - Hartig, Klaus; Dietrich, Anton; and Scherer, Michael, 4,534,841, Cl. 204-192.00P.
  - Heinen, Raymond; and Stelling, Horst, 4,506,227, Cl. 328-33.000.
  - Kieser, Jorg; Kukla, Reiner; and Deppisch, Gerd, 4,515,675, Cl. 204-298.000.
  - Kieser, Jorg, 4,521,717, Cl. 315-39.000.
  - Munz, Wolf D.; and Hessberger, Gerhard, 4,544,468, Cl. 204-192.00R.
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  - Reimpell, Uwe; and Stenzel, Otto, 4,509,807, Cl. 339-9.00R.
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- Leyden, Richard N.: *See—*
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- Leyendecker, William R.; and Rapoport, Morris, to Du Pont de Nemours, E. I., and Company. Recovery of zerovalent nickel complexes. 4,539,302, 9-3-85, Cl. 502-24.000.
- Leyerle, Richard W., to UOP Inc. Process for removing alumina or silica substrate from carbonaceous pyropolymers. 4,499,201, 2-12-85, Cl. 502-180.000.
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- Leyrer, Reinhold J.: *See—*
  - Graser, Fritz; Hoffmann, Gerhard; Leyrer, Reinhold J.; Neumann, Peter; and Patsch, Manfred, 4,517,270, Cl. 430-58.000.
- Leyte-Vidal, Marco A. Precast concrete building panel and method of producing the same. 4,542,613, 9-24-85, Cl. 52-375.000.
- Leytus, Stephen: *See—*
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- LFE Corporation: *See—*
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  - Lienhard, Heinz, 4,559,495, Cl. 324-117.00R.
  - Massey, James L.; and Schaub, Thomas, 4,506,372, Cl. 375-116.000.
  - Neyer, Norbert, 4,509,180, Cl. 375-76.000.
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  - Nyfeler, Alex; Gehr, Peter; Stalder, Martin; and Antes, Gregor, 4,556,378, Cl. 425-143.000.
  - Petr, Jan; and Steinle, Benedikt, 4,520,311, Cl. 324-117.00R.
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- Lhenry, Bernard; and Roustan, Max, to Creusot-Loire. Centrifugal compressor. 4,523,896, 6-18-85, Cl. 417-244.000.
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  - Bastion, Patrick; Lhuillier, Francois; and Mutschler, Ulrich, 4,532,963, Cl. 139-59.000.
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- Li, Ching C. Carburetor. 4,536,356, 8-20-85, Cl. 261-50.00R.
- Li, Chiu-shan. Set of plug with L-shaped pins and corresponding socket. 4,538,871, 9-3-85, Cl. 339-75.00M.
- Li, Edward, to Motorola, Inc. Current control circuit. 4,547,715, 10-15-85, Cl. 318-345.00B.
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- Li, George S., to Standard Oil Company, The. Semipermeable membranes prepared from polymers containing pendent sulfone groups. 4,521,224, 6-4-85, Cl. 55-16.000.
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- Li, George S.: *See—*
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- Li, George T. C., to Du Pont de Nemours, E. I., and Company. Self-crimping polyamide filaments. 4,521,484, 6-4-85, Cl. 428-374.000.
- Li, Hsin L.; and Oswald, Hendrikus J., to Allied Corporation. Foamed polyamide fibers. 4,544,594, 10-1-85, Cl. 428-92.000.
- Li, Hsin L.; and Oswald, Hendrikus J., to Allied Corporation. Producing foamed fibers. 4,562,022, 12-31-85, Cl. 264-54.000.
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- Li, Hsueh M., to Ethyl Corporation. Phosphonitrilic halide polymers. 4,551,317, 11-5-85, Cl. 423-300.000.
- Li, Hsueh M.: *See—*
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  - Lum, Genevieve S.; Li, Hsueh M.; and Pettigrew, F. Alexander, 4,522,798, Cl. 423-300.000.
  - Pettigrew, F. Alexander; Li, Hsueh M.; and Lum, Genevieve S., 4,522,797, Cl. 423-300.000.
- Li, Hung J.; and Husak, Leonid, to Westinghouse Electric Corp. Protective relay apparatus and method for providing single-pole tripping. 4,536,815, 8-20-85, Cl. 361-47.000.
- Li, Hung-Wen. Combination lock. 4,503,691, 3-12-85, Cl. 70-312.000.
- Li, Hungwen: *See—*
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- Li, Shihe, to Renato Bosisio. Method and a six port network for use in determining complex reflection coefficients of microwave networks. 4,521,728, 6-4-85, Cl. 324-58.00R.
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  - Bissot, Thomas C.; and Li, Stephen, 4,552,631, Cl. 204-98.000.
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- Liebler, Ralf, to Rohm GmbH. Silicone resin coating agent. 4,495,322, 1-22-85, Cl. 524-198.000.
- Liebman, Alan J.: *See—*
  - Durkee, David B.; and Liebman, Alan J., 4,538,156, Cl. 346-21.000.
- Liebman, Bradley B. Liquid absorbing playing piece. 4,533,145, 8-6-85, Cl. 273-378.000.
- Liebregts, Antonius M. J.: *See—*
  - Bulten, Eric J.; and Liebregts, Antonius M. J., 4,501,702, Cl. 260-429.00R.
- Liebscher, Anton: *See—*
  - Auberry, Horace; Liebscher, Anton; and Oberg, Sven, 4,523,346, Cl. 12-133.00R.
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  - Buchner, Norbert; Eberspacher, Rolf; and Liede, Dieter, 4,533,063, Cl. 220-270.000.
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  - Ostertag, Werner; Dimroth, Peter; Wienand, Henning; Liedek, Egon; Knittel, Helmut; and Etzrodt, Gunter, 4,530,725, Cl. 106-298.000.
- Liedel, Thomas H.: *See—*
  - Woodhull, Ivan D., Jr.; and Liedel, Thomas H., 4,509,672, Cl. 228-175.000.
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- Liedl, Franz: *See—*
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  - Maack, Werner; Gerst, Michael; and Liedloff, Manfred, 4,559,702, Cl. 29-759.000.
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  - Focke, Heinz; and Liedtke, Kurt, 4,495,746, Cl. 53-389.000.
  - Focke, Heinz; and Liedtke, Kurt, 4,507,903, Cl. 53-151.000.
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  - Focke, Heinz H.; and Liedtke, Kurt, 4,559,757, Cl. 53-176.000.
- Liedtke, Ronald R.; Clark, Joseph M.; and Sage, Russell L., to MICR Short Systems, Ltd. MICR printer. 4,541,334, 9-17-85, Cl. 101-93.180.
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- Liegner, Kenneth B. Bite block. 4,495,945, 1-29-85, Cl. 128-200.260.
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  - Orlowski, Reiner U.; Kobs, Rolf U. D.; and Liehr, Manfred R., 4,531,415, Cl. 73-718.000.
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- Lieland, Stephen J.: *See—*
  - Lucas, Delbert E.; and Lieland, Stephen J., 4,524,582, Cl. 60-421.000.
- Lien, Jih-Chang: *See—*
  - Chiu, Te-Long; and Lien, Jih-Chang, 4,514,897, Cl. 29-578.000.
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- Lien, Samuel Q. S.; and Nakos, Steven T., to Loctite Corporation. Polymers with graft α-alkylacrylate functionality. 4,504,629, 3-12-85, Cl. 525-288.000.
- Lienard, Jean-Claude, to U.S. Philips Corporation. Method and system for communicating over an open communication network. 4,551,834, 11-5-85, Cl. 370-94.000.
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  - Heck, Gunter; Lienerth, Aladar; Malow, Egon; Schwarz, Karl-Heinz; and Faust, Uwe, 4,511,437, Cl. 203-19.000.
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  - Iqbal, Abul; and Lienhard, Paul, 4,496,727, Cl. 544-225.000.
- Liepa, Alexander L., to Procter & Gamble Company, The. Control of particle size distribution during continuous heat-setting of meat analog. 4,537,783, 8-27-85, Cl. 426-243.000.
- Liepa, Arnolds E., to Sperry Corporation. Variable field partial write data merge. 4,520,439, 5-28-85, Cl. 364-200.000.
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- Liepins, Raimond: *See—*
  - Aldissi, Mahmoud; and Liepins, Raimond, 4,503,205, Cl. 526-221.000.
  - Jahn, Randy K.; and Liepins, Raimond, 4,500,562, Cl. 427-27.000.
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  - Zeugner, Horst; Romer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,497,740, Cl. 260-244.400.
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- Liermann, August O.: *See—*
  - Chung, Rack H.; Lucas, Gary M.; and Liermann, August O., 4,528,324, Cl. 524-863.000.
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  - Goedert, Jean; Thill, Fernand; Henrion, Romain; Klein, Henri; Liesch, Jean-Francois; and Pockels, Jean, 4,524,958, Cl. 266-272.000.
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  - Rogers, William R.; and Liescheidt, Duane B., 4,545,125, Cl. 33-572.000.
- Liesegang, Terrence R., to Sperry Corporation. Servomotor control with improved torque limiting. 4,531,081, 7-23-85, Cl. 318-632.000.
- Lieske, Edgar: *See—*
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  - Liet, Cornelis H.; and Liet, Fredericus, 4,538,949, Cl. 414-24.600.
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  - Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.
- Lietzke, G. W., to Container Corporation of America. Display stand. 4,512,541, 4-23-85, Cl. 248-459.000.
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  - Gretz, Charles, 4,494,940, Cl. 446-61.000.
  - Gretz, Charles; and Kandel, Gerald J., 4,541,540, Cl. 220-20.000.
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  - Dolsky, Thomas P., 4,523,588, Cl. 128-201.250.
- Lifecare Services, Inc.: *See—*
  - Chu, Raymond D.; and Bergman, Marc A., 4,493,614, Cl. 417-22.000.
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  - Shapiro, L. Dennis, 4,524,243, Cl. 179-5.00R.
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- Liff, Walter H. Animal watering apparatus. 4,561,384, 12-31-85, Cl. 119-73.000.
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  - Lifshitz, Igor; and Lifshitz, Ifim, 4,516,923, Cl. 425-289.000.
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- Lift-U-Inc.: *See—*
  - Thorley, Graham R.; and Sullivan, Donald B., 4,556,128, Cl. 187-9.00R.
- Lifton, Lester J. Medical instrument mouth guard. 4,502,478, 3-5-85, Cl. 128-136.000.
- Liggett, Dennis: *See—*
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- Liggett, Julian M.: *See—*
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- Liggett, Louis G.; Lang, Kevin W.; Wyss, Clement R.; and Williams, Richard A., to General Foods Corporation. Method of producing a frozen dual-textured confection. 4,500,553, 2-19-85, Cl. 426-101.000.
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- Liggett, Paul E., to Goodyear Aerospace Corporation. Controlling the rate of diamine curing agents in polyurethane cements. 4,554,299, 11-19-85, Cl. 523-466.000.
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- Light, David R.: *See—*
  - Dennis, Mark S.; Estell, David A.; and Light, David R., 4,512,973, Cl. 424-94.000.
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  - Martin, Timothy J., Jr.; and Henry, Richard T., 4,541,544, Cl. 220-374.000.
- Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, to International Flavors & Fragrances Inc. Process for producing solanone, norsolanadione and intermediates therefor. 4,517,385, 5-14-85, Cl. 568-386.000.
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  - Goldman, Robert N., 4,546,352, Cl. 340-825.340.
  - Katz, Ronald A.; and Goldman, Robert N., 4,558,318, Cl. 340-825.340.
- Lightbody, James D.; and Lightbody, William S. Apparatus and method for testing circuit boards. 4,528,500, 7-9-85, Cl. 324-73.0PC.
- Lightbody, William S.: *See—*
  - Lightbody, James D.; and Lightbody, William S., 4,528,500, Cl. 324-73.0PC.
- Lighthouse for the Blind, Incorporated, The: *See—*
  - Johnson, Robert S.; Fletcher, Paul E.; Benjamin, William S.; and Zsitvay, John I., 4,516,287, Cl. 15-119.00A.
- Lighting Concept Products Limited: *See—*
  - Chan, Johnny C., 4,504,890, Cl. 362-203.000.
- Lighting Systems Inc.: *See—*
  - Ready, Robert J.; Whipple, Donald E.; and Sferra, James P., 4,512,098, Cl. 40-610.000.
- Lightner, Linn S.: *See—*
  - Hall, Lawrence A.; Lightner, Linn S.; Long, William B.; Shannon, Suel G.; and Stahl, Daniel E., 4,493,525, Cl. 339-143.00R.
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- Lighton, Michael S.: *See—*
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  - Kompanek, Harry W.; Ligman, James R.; and Plambeck, Eric D., 4,512,402, Cl. 166-249.000.
- Ligneres, Pierre: *See—*
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  - Cau, Egidio; and Lamiral, Jean P., 4,525,833, Cl. 370-99.000.
  - Faure, Michel; Regeffe, Jean Y.; Lumineau, Yves; and Jouanin, Andre, 4,512,790, Cl. 65-13.000.
  - Jarret, Bertrand; Cordier, Rose; and Buffa, Gerard, 4,504,975, Cl. 455-608.000.
- Ligorati, Ferdinando: *See—*
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- Ligthart, Franciscus A. S.: *See—*
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- Lihl, Reinhard: *See—*
  - Kappl, Gerhard; Kranner, Helmut; and Lihl, Reinhard, 4,516,459, Cl. 83-713.000.
- Lihtarova, Ludmila: *See—*
  - Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.
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- Liimatainen, Heikki: *See—*
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- Lik-Nu Porcelain, Inc.: *See—*
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- Liker, Stephen J., to Exxon Research & Engineering Co. Method for improving low-velocity aiming in operating an ink jet apparatus. 4,523,201, 6-11-85, Cl. 346-1.100.
- Likins, Merle R., Jr.: *See—*
  - Gaines, Larry D.; and Likins, Merle R., Jr., 4,559,785, Cl. 60-676.000.
  - LaSpisa, Ronald J.; and Likins, Merle R., Jr., 4,497,283, Cl. 122-451.100.
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- Lile, Derek L.: *See—*
  - Collins, David A.; Lile, Derek L.; and Zeisse, Carl R., 4,555,273, Cl. 148-1.500.
- Lilie-Hoffman Cooling Towers, Inc.: *See—*
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- Lilja, Launo L.: *See—*
  - Hultholm, Stig-Erik; Lilja, Launo L.; Makitalo, Valto J.; and Nyman, Bror G., 4,548,765, Cl. 261-93.000.
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Lilly, Gerard P., to Westinghouse Electric Corp. Hybrid preheat/recirculating steam generator. 4,554,889, 11-26-85, Cl. 122-32.000.

Lilly Industries Limited: *See—*
  Baker, Stephen R.; Jamieson, William B.; Ross, William J.; and Todd, Alec, 4,513,005, Cl. 514-451.000.
  Baker, Stephen R.; Lindstrom, Terry D.; Jamieson, William B.; and Ross, William J., 4,532,257, Cl. 514-470.000.
  Chakrabarti, Jiban K.; Hotten, Terrence M.; and Steggles, David J., 4,492,699, Cl. 424-250.000.
  Chakrabarti, Jiban K., and Hotten, Terrence M., 4,542,131, Cl. 514-220.000.
  Corfield, John R.; and Miller, Andrew S., 4,558,124, Cl. 544-22.000.

Lily Corporation: *See—*
  Trout, John F.; and Hoffman, John J., 4,509,884, Cl. 405-269.000.

Lim, Drahoslav; Kulkarni, Chidambar L.; and Repella, Dennis A., to Barnes-Hind, Inc. Hydrophilic polymers and contact lenses made therefrom. 4,536,554, 8-20-85, Cl. 526-264.000.

Lim, Franklin, to Damon Biotech, Inc. Method of culturing anchorage dependent cells. 4,495,288, 1-22-85, Cl. 435-241.000.

Lim, Git B.; and Konak, A. Riza, to Exxon Production Research Co. Thermal softening process. 4,518,505, 5-21-85, Cl. 210-712.000.

Lim, In C.: *See—*
  Schmidt, Manfred; Witman, Mark W.; Reinert, Gerard E.; and Lim, In C., 4,500,653, Cl. 521-90.000.

LIM International S.A.: *See—*
  Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, 4,507,459, Cl. 528-64.000.
  Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, 4,519,432, Cl. 152-357.00A.

Lim, Sheldon C. P., to Signetics Corporation. TiW_2N fusible links in semiconductor integrated circuits. 4,491,860, 1-1-85, Cl. 357-68.000.

Lim, Sim K.: *See—*
  Goodman, Richard M.; and Lim, Sim K., 4,533,465, Cl. 209-167.000.

Lim, Thomas F.; and Wright, Antony P., to Dow Corning Corporation. Method for preparing novel fluorinated organosiloxane copolymers. 4,549,003, 10-22-85, Cl. 528-42.000.

Lim, Wah L.: *See—*
  Callaghan, Stephen P.; Callaghan, Timothy J.; Gustafson, Harry A.; and Lim, Wah L., 4,551,021, Cl. 356-350.000.
  Egli, Werner H.; Lim, Wah L.; and Weber, Mark W., 4,526,469, Cl. 356-350.000.

Lim, Walter K.; and Krause, Arthur A., to Aerosol Services Co. Method and apparatus for releasing additional ingredients in a pressurized container. 4,518,103, 5-21-85, Cl. 222-135.000.

Lima Electric Co., Inc.: *See—*
  Unnewehr, Lewis E.; Walker, Robert B.; and Szippl, Andrew F., 4,496,897, Cl. 322-25.000.

Lima S.p.A.: *See—*
  Reginato, Francesco, 4,500,058, Cl. 246-3.000.

Limb, David I.: *See—*
  Hubbard, Colin; Limb, David I.; and Duckett, Melvyn, 4,496,383, Cl. 62-31.000.

Limb, John O.: *See—*
  Flores, Christopher; Gopinath, Bhaskarpillai; and Limb, John O., 4,532,626, Cl. 370-85.000.
  Levinson, Frank H.; and Limb, John O., 4,542,502, Cl. 370-88.000.

Limbacher, Bernhard, to Fichtel & Sachs AG. Drive unit comprising a motor, a clutch and a gear box with a snap connection in the clutch release system. 4,502,583, 3-5-85, Cl. 192-98.000.

Limberg, Allen L.: *See—*
  Lewis, Henry G., Jr.; and Limberg, Allen L., 4,528,586, Cl. 358-28.000.

Limburg, William W.: *See—*
  Yanus, John F.; and Limburg, William W., 4,521,621, Cl. 564-307.000.

Limca Research Inc.: *See—*
  Doutre, Don A.; and Guthrie, Roderick I. L., 4,555,662, Cl. 324-71.400.

Liming, Joseph L. Removable handle for a roller massager. 4,531,513, 7-30-85, Cl. 128-57.000.

Limoncelli, Edward V.: *See—*
  Butler, Russell H.; Limoncelli, Edward V.; Litwinowich, Michael J.; and Briggs, Michael L., 4,494,985, Cl. 75-93.00R.

Limousin, Jean-Louis, to Pet Incorporated. Apparatus for transferring articles between conveyors. 4,538,720, 9-3-85, Cl. 198-416.000.

Limpel, Lawrence E.: *See—*
  Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.

Limpert, Rudolf: *See—*
  Clark, Raymond W.; and Limpert, Rudolf, 4,552,501, Cl. 414-486.000.

LiMuti, Charles M.; Babb, Bruce E.; and Mauck, John C., to Eastman Kodak Company. Methods, compositions and elements for the determination of lipase. 4,555,483, 11-26-85, Cl. 435-19.000.

Lin, An-Chung R., to Exxon Research & Engineering Co. Heterologous ink jet ink compositions. 4,531,976, 7-30-85, Cl. 106-27.000.

Lin, Burn J.: *See—*
  Chao, Vivian W.; Kaufman, Frank B.; Kramer, Steven R.; and Lin, Burn J., 4,543,319, Cl. 430-312.000.

Lin, Chin-Lung. Exercise tricycle. 4,515,362, 5-7-85, Cl. 272-114.000.

Lin, Chinlon: *See—*
  Beni, Gerardo; Bridges, Thomas J.; Hackwood, Susan; and Lin, Chinlon, 4,545,713, Cl. 414-1.000.
  Burrus, Charles A., Jr.; and Lin, Chinlon, 4,528,670, Cl. 372-44.000.

Lin, Clara: *See—*
  Huang, Fu-chih; Jones, Howard; Lin, Clara; and Loev, Bernard, 4,496,541, Cl. 514-2.000.

Lin Data Corporation: *See—*
  Lin, Yeong S.; Ballard, Nathan T.; Lee, John T.; and Teng, Edward F., 4,552,820, Cl. 428-611.000.

Lin, David C. K., to Owens-Corning Fiberglas Corporation. Method and apparatus for producing a continuous glass filament mat. 4,496,384, 1-29-85, Cl. 65-4.400.

Lin, David C. K., to Owens-Corning Fiberglas Corporation. Apparatus for producing a continuous glass filament mat. 4,496,385, 1-29-85, Cl. 65-9.000.

Lin, Fan-Nan; and Pennella, Filippo, to Phillips Petroleum Company. Alcohol synthesis. 4,537,909, 8-27-85, Cl. 518-713.000.

Lin, Fan-Nan; and Pennella, Filippo, to Phillips Petroleum Company. Catalyst for alcohol synthesis. 4,551,444, 11-5-85, Cl. 502-313.000.

Lin, Frank W.; Moon, Suhdok D.; Van, Tri S.; and Anzai, Max I., to Mechatron Systems, Inc. Method and apparatus for normalizing the speed of an element positionable by a servomechanism. 4,517,503, 5-14-85, Cl. 318-561.000.

Lin, Frank W.: *See—*
  Wong, Harvey C.; and Lin, Frank W., 4,551,664, Cl. 318-592.000.

Lin, Hank S.: *See—*
  Balbes, Michael S.; Day, Charles E.; Hooper, Robert L.; and Lin, Hank S., 4,538,175, Cl. 358-86.000.

Lin, Hong-Pei. Chess box. 4,513,974, 4-30-85, Cl. 273-239.000.

Lin, Hung C. Optical scanning method of testing material defects. 4,494,069, 1-15-85, Cl. 324-158.00R.

Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., to GAF Corporation. Diamine/diol chain extender blends for rim process. 4,523,004, 6-11-85, Cl. 528-76.000.

Lin, I. Sioun; Gromelski, Stanley J., Jr.; Werner, Jesse; Brown, Michael J.; and Chakrabarti, Paritosh M., to GAF Corporation. Diamine/diol chain extender blends for rim process. 4,549,007, 10-22-85, Cl. 528-76.000.

Lin, Jiang-Jen; and Duranleau, Roger G., to Texaco Inc. Process for selectively preparing acetic anhydride by carbonylation of methyl acetate in the presence of an iodide-free catalyst system. 4,519,956, 5-28-85, Cl. 260-549.000.

Lin, Jiang-Jen; and Knifton, John F., to Texaco Inc. Acetaldehyde production from synthesis gas. 4,525,481, 6-25-85, Cl. 518-700.000.

Lin, Jiang-Jen; and Sanderson, John R., to Texaco Inc. Synthesis of substituted dioxolanes by direct oxidation of olefins over molybdenum 8-hydroxyquinoline. 4,526,992, 7-2-85, Cl. 549-430.000.

Lin, Jiang-Jen; and Knifton, John F., to Texaco Inc. Bi-solvent system for the hydroformylation of allyl alcohol using a rhodium catalyst. 4,529,808, 7-16-85, Cl. 549-475.000.

Lin, Jiang-Jen; and Knifton, John F., to Texaco Inc. Preparation of 2-hydroxytetrahydrofuran by hydroformylation of allyl alcohol using ketone solvents. 4,533,742, 8-6-85, Cl. 549-475.000.

Lin, Jiang-Jen; and Brader, Walter H., Jr., to Texaco Inc. Process for synthesis of acrylic acid precursors via hydroformylation of vinyl ether. 4,533,756, 8-6-85, Cl. 568-454.000.

Lin, Jiang-Jen; and Alexander, David C., to Texaco Inc. Butadiene reductive dimerization using a platinum catalyst and polymeric amine promoter. 4,536,604, 8-20-85, Cl. 585-601.000.

Lin, Jiang-Jen; and Knifton, John F., to Texaco Inc. Process for oxidative dicarbonylation of butadiene. 4,552,976, 11-12-85, Cl. 560-204.000.

Lin, Jiang-Jen, to Texaco Inc. Process for dicarbonylation of simple olefins. 4,554,374, 11-19-85, Cl. 560-204.000.

Lin, Jiang-Jen; and Alexander, David C., to Texaco Inc. Co-preparation of 2,7-octadienyl formate, 1,6-octadiene and 4 vinylcyclohexane from butadiene using a platinum catalyst. 4,554,375, 11-19-85, Cl. 560-244.000.

Lin, Jiang-Jen: *See—*
  Sanderson, John R.; Yeakey, Ernest L.; and Lin, Jiang-Jen, 4,554,364, Cl. 549-453.000.

Lin, Jiing S. Plug-in type of power supply. 4,519,015, 5-21-85, Cl. 361-399.000.

Lin, John W.: *See—*
  Barbetta, Angelo J.; Gruber, Robert J.; Isganitis, Louis V.; Law, Kock-Yee; Lin, John W.; Koch, Ronald J.; and Dunn, Steven T., 4,539,284, Cl. 430-110.000.

Lin, John W. P.: *See—*
  Law, Kock-Yee; Johnson, Gordon E.; and Lin, John W. P., 4,492,750, Cl. 430-494.000.

Lin, Kou C.; and Burkhardt, Charles E., to Electric Power Research Institute, Inc. Method of and arrangement for assembling electrical coils around transformer cores. 4,497,449, 2-5-85, Cl. 242-4.00R.

Lin, Kou C., to Electric Power Research Institute, Inc. Stacked amorphous metal core. 4,506,248, 3-19-85, Cl. 336-233.000.

Lin, Kun-Shan: *See—*
  Frantz, Gene A.; and Lin, Kun-Shan, 4,507,750, Cl. 364-900.000.

Lin, Leo S.: *See—*
  Mark, David F.; Lin, Leo S.; and Lu, Shi-Da Y., 4,518,584, Cl. 424-85.000.

Lin, Lifun, to Olin Corporation. Apparatus for producing acicular or equiaxed iron or iron alloy particles. 4,540,477, 9-10-85, Cl. 204-242.000.

Lin, Ming-Hsin. Discharging protection device for battery-operated portable electric light. 4,536,695, 8-20-85, Cl. 320-2.000.

Lin, P. H. Method for producing cleansing and wiping cloth. 4,490,895, 1-1-85, Cl. 28-143.000.

Lin, Peter T., to RCA Corporation. Mechanical scriber for semiconductor devices. 4,502,225, 3-5-85, Cl. 33-18.00R.

Lin, Peter T., to RCA Corporation. Method and apparatus for trimming and finishing the outer edge of a molded record. 4,518,551, 5-21-85, Cl. 264-107.000.

Lin, Philip C.; and Ho, James S., to United States of America, Environmental Protection Agency. Automatic bottle sealing mechanism for liquid sampling apparatus. 4,525,979, 7-2-85, Cl. 53-268.000.

Lin, Robert A.: *See—*
  Cooke, Theodore M.; Lin, Robert A.; Whitfield, Richard G.; and Hock, Allan G., 4,537,631, Cl. 106-22.000.

Lin, Samuel O. S.: *See—*
  Fabrizio, Louis F.; Lin, Samuel O. S.; and Jacobine, Anthony F., 4,536,265, Cl. 204-159.130.

Lin, Samuel Q. S.; and Nakos, Steven T., to Loctite Corporation. Acrylic functional silicone copolymers. 4,503,208, 3-5-85, Cl. 528-15.000.

Lin, Samuel Q. S.; and Jacobine, Anthony F., to Loctite Corporation. Siloxane polyphotoinitiators of the substituted acetophenone type. 4,534,838, 8-13-85, Cl. 204-159.130.

Lin, Samuel Q. S.: *See—*
  Jacobine, Anthony F.; and Lin, Samuel Q. S., 4,507,187, Cl. 204-159.130.

Lin, Samuel S., to United States of America, Navy. Real-time Fourier transformer using one acousto-optical cell. 4,531,196, 7-23-85, Cl. 364-827.000.

Lin, Samuel S., to United States of America, Navy. Real-time Fourier transformer using one acousto-optical cell. 4,531,197, 7-23-85, Cl. 364-827.000.

Lin, See: *See—*
  Marvel, Carl S.; and Lin, See, 4,499,258, Cl. 528-173.000.

Lin, Shi-Tron. Method for determining the characteristic behavior of a metal-insulator-semiconductor device in a deep depletion mode. 4,509,012, 4-2-85, Cl. 324-158.00D.

Lin, Shiow C., to W. R. Grace & Co. Reactive plastisol dispersion. 4,523,983, 6-18-85, Cl. 204-159.150.

Lin, Shiow-Ching, to W. R. Grace & Co. Cyanourea compounds. 4,529,820, 7-16-85, Cl. 564-51.000.

Lin, Shiow-Ching, to W. R. Grace & Co. Reactive plastisol dispersion. 4,537,805, 8-27-85, Cl. 427-54.100.

Lin, Stephen Y., to Reed Lignin Inc. Dyestuffs and dyeing method using lignin adduct dispersant. 4,492,586, 1-8-85, Cl. 8-528.000.

Lin, Stephen Y., to Reed Lignin Inc. Reaction product of lignosulfonate and unsaturated fatty amine. 4,562,236, 12-31-85, Cl. 527-400.000.

Lin, Ta C. Elbow of staircase hand rail. 4,557,467, 12-10-85, Cl. 256-59.000.

Lin, Trong G.: *See—*
  Chang, Kong R.; and Lin, Trong G., 4,546,093, Cl. 502-324.000.

Lin, Weihwang. Hydraulic cylinder. 4,508,015, 4-2-85, Cl. 92-2.000.

Lin, Weng-Pin. Modular toy whirling unit. 4,507,095, 3-26-85, Cl. 446-118.000.

Lin, Yang-I: *See—*
  Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, 4,544,759, Cl. 556-36.000.
  Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, 4,546,181, Cl. 544-225.000.
  Hlavka, Joseph J.; Bitha, Panayota; and Lin, Yang-I, 4,550,169, Cl. 548-108.000.
  Lang, Stanley A., Jr.; Fields, Thomas L.; Wilkinson, Raymond G.; Kang, Soon M.; and Lin, Yang-I, 4,532,349, Cl. 564-194.000.

Lin, Yeong S.; Ballard, Nathan T.; Lee, John T.; and Teng, Edward F., to Lin Data Corporation. Disc media. 4,552,820, 11-12-85, Cl. 428-611.000.

Lin, Yi-Ching: *See—*
  Fuller, Gene E.; and Lin, Yi-Ching, 4,557,797, Cl. 156-643.000.

Linaburg, Clyde P. Trailer hitch alignment device. 4,537,416, 8-27-85, Cl. 280-478.00R.

Linatex Canada Inc.: *See—*
  Jackson, Lawrence D. A., 4,511,116, Cl. 251-5.000.

Linatex Corporation of America: *See—*
  Smith, Michael J.; and Soucie, Allen L., 4,533,464, Cl. 209-158.000.

Lincke, Paul, to Sulzer Brothers Limited. Gripper clamp projectile. 4,491,158, 1-1-85, Cl. 139-439.000.

Lincke, Paul; Kohlhaas, Oswin; and Wahhoud, Adnan, to Sulzer Brothers Limited. Air distributor and control unit for a jet insertion weaving machine. 4,505,306, 3-19-85, Cl. 139-435.000.

Lincke, Paul, to Sulzer Brothers Limited. Weft yarn tensioning device. 4,513,792, 4-30-85, Cl. 139-439.000.

Lincke, Paul, to Sulzer Brothers Limited. Weft yarn picking channel. 4,532,965, 8-6-85, Cl. 139-435.000.

Lincoln, Clark N.; and Benzing, Norman L., to North American Outdoors, Inc. Animal liquid lure dispenser. 4,506,806, 3-26-85, Cl. 222-175.000.

Lincoln Electric Company, The: *See—*
  Amata, Mario A., 4,551,610, Cl. 219-146.300.

Lincoln, Frank H.: *See—*
  Johnson, Roy A.; Lincoln, Frank H.; and Pike, John E., 4,499,293, Cl. 549-465.000.

Lincoln, Jay P.: *See—*
  Ferguson, Douglas M.; Owens, William M.; Lang, Michael; and Lincoln, Jay P., 4,496,045, Cl. 206-63.300.

Lincoln, Kay L.; and Ochoa, Ricardo, to Upjohn Company, The. Animal fecal collection system. 4,510,887, 4-16-85, Cl. 119-95.000.

Lincoln Laser Company: *See—*
  Sherman, Randy J.; and Hanson, Derald F., 4,509,819, Cl. 350-6.700.
  Sherman, Randy J.; and Hanson, Derald F., 4,537,465, Cl. 350-68.000.

Lincoln Manufacturing Company, Inc.: *See—*
  Bratton, Ronald E., 4,495,932, Cl. 126-20.000.
  Bratton, Ronald E., 4,556,043, Cl. 126-21.00A.
  Brist, Kenneth; and Klein, Robert D., 4,549,072, Cl. 219-400.000.
  Gigandet, Richard W., 4,539,469, Cl. 219-412.000.

Lincourt, William R. Jack stand attachment. 4,540,147, 9-10-85, Cl. 248-352.000.

Lind, Erwin, to Hoechst Aktiengesellschaft. Electrophotographic recording material with condensation product. 4,528,256, 7-9-85, Cl. 430-83.000.

Lind, Jeannine H. Pet amusement device. 4,517,922, 5-21-85, Cl. 119-29.000.

Lind, Leif I. Flow distributor. 4,537,118, 8-27-85, Cl. 98-40.010.

Lind Michael A.; and Dunn, Michael R., to New Draulics, Inc. Hydraulic cable and rod cutting and crimping device. 4,521,963, 6-11-85, Cl. 30-92.000.

Lindabury, Tryon S., Sr. Fluid tight joint and system of distributing fluids. 4,535,938, 8-20-85, Cl. 239-269.000.

Lindahl, Ake R.: and Erlandsson, Stig A. B., to AB Ferrosan. Membrane-coated sustained-release tablets and method. 4,557,925, 12-10-85, Cl. 424-19.000.
Lindahl, Anthony T.: *See—*
  Mills, David; Lindahl, Anthony T.; and Kington, Alan D., 4,532,974, Cl. 164-132.000.
Lindahl, Gerald: *See—*
  Cooper, Ellis; and Lindahl, Gerald, 4,546,245, Cl. 250-211.00K.
Lindahl, Gertrud M., to Boliden Aktiebolag. Stable solutions of basic aluminium sulphate containing polynucleate aluminium hydroxide sulphate complexes. 4,536,384, 8-20-85, Cl. 423-556.000.
Lindahl, Gertrud M.: *See—*
  Kullenberg, Eric N. F.; Lindahl, Gertrud M.; and Persson, Lars E. H., 4,559,220, Cl. 423-556.000.
Lindahl, Herbert S.; Barsteika, Paul V.; and Werner, Daniel P., to Gulf & Western Manufacturing Company. Oil equalization system for refrigeration compressors. 4,551,989, 11-12-85, Cl. 62-468.000.
Lindahl, Jonas A. I.; and Bergstrom, John R., to Mo och Domsjo Aktiebolag. Method for delignifying or bleaching cellulose pulp wherein chlorine is added to recycle liquor to regenerate chlorine dioxide. 4,537,656, 8-27-85, Cl. 162-38.000.
Lindahl, LeMoyne. Sealing ring assembly for use in pulp refining equipment. 4,533,148, 8-6-85, Cl. 277-53.000.
Lindahl, Richard W., to Minnesota Mining and Manufacturing Company. Electrographic recording apparatus. 4,532,531, 7-30-85, Cl. 346-153.100.
Lindahl, Ulf P. F.; Backstrom, Gudrun E.; and Thunberg, John Y. L., to KabiVitrum AB. Oligosaccharides having selective anticoagulation activity. 4,496,550, 1-29-85, Cl. 514-54.000.
Lindal, Sir W. Modular home construction. 4,512,120, 4-23-85, Cl. 52-79.100.
Lindall, Arnold W.; and Elting, James J., to Immuno Nuclear Corporation. Bioassay of parathyroid hormone. 4,508,828, 4-2-85, Cl. 436-500.000.
Lindauer Dornier Gesellschaft mbH: *See—*
  Cramer, Gottfried; and Krumm, Valentin, 4,520,850, Cl. 139-194.000.
  Dornier, Peter, 4,546,803, Cl. 139-449.000.
  Gageur, Fritz; and Wohlgenannt, Horst, 4,498,250, Cl. 34-155.000.
  Gehring, Fritz; and Hofmaier, Gerhard, 4,540,028, Cl. 139-453.000.
  Gehring, Fritz; and Arndt, Stephan, 4,553,571, Cl. 139-446.000.
  Gehring, Fritz; Arndt, Stephan; and Storr, Harald, 4,558,722, Cl. 139-446.000.
  John, Heinz, deceased; and John nee Ruffler, Friedlinde, heir, 4,499,638, Cl. 28-207.000.
  John, Heinz, deceased; and John nee Rueffler, Friedlinde, heiress, 4,520,539, Cl. 28-206.000.
  John, Heinz, deceased; and John nee Rueffler, Friedlinde, Heir, 4,543,696, Cl. 28-206.000.
  Lohr, Heinz P., 4,522,236, Cl. 139-353.000.
  Tovenrath, Claus; and Windischbauer, Florian, 4,525,906, Cl. 28-205.000.
  Tovenrath, Claus; and Tovenrath, Frank, 4,545,099, Cl. 28-202.000.
Lindbeck, Lester R. Apparatus for pulverizing aggregate masses of frangible materials on and below earth surfaces. 4,560,009, 12-24-85, Cl. 172-66.000.
Lindberg, Albert W., Jr. Swimming pool ladder securement device. 4,552,245, 11-12-85, Cl. 182-97.000.
Lindberg, Bertil J.; and Elmefjall, Bernt C. G., to Byggnads-& Industriservice AB Binab. Method for compacting compactable soils by vibration. 4,504,176, 3-12-85, Cl. 405-271.000.
Lindberg, Charles A.; Maclay, William R.; and Merritt, Lauren V., to Datacopy Corporation. Spiral track disk drive. 4,543,621, 9-24-85, Cl. 360-77.000.
Lindberg, Eric T.; and Friedman, Anna M., to Atlas Copco Aktiebolag. Pneumatically operated impact tool. 4,496,023, 1-29-85, Cl. 181-230.000.
Lindberg, Frank A., to Westinghouse Electric Corp. RF module with integral coaxial connector means. 4,507,708, 3-26-85, Cl. 361-392.000.
Lindberg, Jarl J.; Era, Vaino ; and Strom, Erkki, to Ruoste-Esto Oy. Anti-rust agent, method of producing the same and method of preventing corrosion. 4,556,425, 12-3-85, Cl. 106-14.230.
Lindberg, John E., to Combustion Control Developments Ltd. Engine combustion control system and method employing condensation of some exhaust gas. 4,503,813, 3-12-85, Cl. 123-25.00E.
Lindberg, John E., to Owen, Wickersham & Erickson. Combustion and pollution control system. 4,516,553, 5-14-85, Cl. 123-568.000.
Lindberg, John E., to Owen, Wickersham & Erickson, P.C. Combustion and pollution control system. 4,541,367, 9-17-85, Cl. 123-25.00M.
Lindberg, Per-Olof, to ASEA Aktiebolag. Grinding unit for industrial robot and automatic machines. 4,520,597, 6-4-85, Cl. 51-134.50R
Lindberg, Peter: *See—*
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Lindberg, Steven E.: *See—*
  Caspari, Gunter J.; and Lindberg, Steven E., 4,496,495, Cl. 260-989.000.
Lindblad, Nero R., to Xerox Corporation. Charging apparatus. 4,547,060, 10-15-85, Cl. 355-3.00R.
Lindblad, Roger D.: *See—*
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Lindblom, Curtis H., to Sperry Corporation. Cutterhead reversing drive for forage harvesters. 4,558,608, 12-17-85, Cl. 74-376.000
Lindblom, Gordon P.: *See—*
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Lindblom, Kenneth A.: *See—*
  Weber, Harold J.; Kuehnle, Manfred R.; Compton, James C.; Poulakis, John N.; Szymanski, Michael J.; Lindblom, Kenneth A.; and Cleveland, Donald S., 4,547,061, Cl. 355-10.000.
  Weber, Harold J.; Kuehnle, Manfred R.; Fraser, Kenneth D.; and Lindblom, Kenneth A., 4,556,309, Cl. 355-3.0TR.
Lindblom, Ragnvald E.: *See—*
  Andersson, Bror A. E.; and Lindblom, Ragnvald E., 4,530,662, Cl. 433-37.000.
Lindblom, Thore; Hedin, Jan-Erik; and Wickstrom, Sven, to Ostbergs Fabriks AB. Method of cutting substantially horizontal cantilevered objects such as logs, and apparatus for carrying out the method. 4,513,799, 4-30-85, Cl. 144-379.000.
Lindbloom, Eric: *See—*
  Eichelberger, Edward B.; and Lindbloom, Eric, 4,546,473, Cl. 371-25.000.
Lindborg, Ulf H.: *See—*
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Linde Aktiengesellschaft: *See—*
  Abels, Theodor, 4,546,847, Cl. 180-307.000.
  Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,503,674, Cl. 60-448.000.
  Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,531,367, Cl. 60-447.000.
  Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,545,201, Cl. 60-420.000.
  Bauer, Heinz; and Becker, Hans, 4,512,782, Cl. 55-48.000.
  Baur, Karl; and Karwat, Heinz, 4,492,676, Cl. 423-210.000.
  Becker, Hans, 4,522,637, Cl. 55-25.000.
  Becker, Hans, 4,559,069, Cl. 62-11.000.
  Benkmann, Christian, 4,498,910, Cl. 55-18.000.
  Butz, Peter; Ranke, Gerhard; and Tvan, Tran A., 4,533,373, Cl. 62-17.000.
  Deininger, Horst, 4,52[illegible]66, Cl. 417-222.000.
  Deininger, Horst; and Stuermer, Burkhard, 4,545,203, Cl. 60-468.000.
  Eckhardt, Erich, 4,543,787, Cl. 60-444.000.
  Eckhardt, Erich; Schmitt, Karl; Grone, Wolfgang; and Binev, Binio, 4,553,620, Cl. 180-6.480.
  Forster, Franz, 4,534,271, Cl. 91-472.000.
  Fuchs, Uwe; and Wildmoser, Alfred, 4,521,311, Cl. 210-616.000.
  Fuchs, Uwe, 4,524,139, Cl. 502-22.000.
  Heisel, Michael; and Ranke, Gerhard, 4,530,827, Cl. 423-575.000.
  Heyl, Walter, 4,515,067, Cl. 91-506.000.
  Heyl, Walter; and Loffler, Thomas, 4,543,876, Cl. 91-506.000.
  Hoffman, Albert, 4,553,990, Cl. 55-178.000.
  Karwat, Heinz, 4,522,638, Cl. 55-37.000.
  Krusche, Alfred, 4,495,766, Cl. 60-428.000.
  Krusche, Alfred, 4,559,778, Cl. 60-447.000.
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  Linde, Gerhard, 4,528,002, Cl. 55-48.000
  Linde, Gerhard; Schmid, Wolfgang; Boelt, Manfred; and Burr, Peter S., 4,548,618, Cl. 55-16.000.
  Metschl, Michael; and Koch, Hannsjorg, 4,544,384, Cl. 55-180.000.
  Morper, Manfred; and Fuchs, Uwe, 4,551,250, Cl. 210-603.000.
  Morper, Manfred, 4,559,142, Cl. 210-607.000.
  Rebhan, Dieter, 4,516,878, Cl. 405-130.000.
  Reimann, Hans; Frydman, Allen; and Fuchs, Uwe, 4,500,429, Cl. 210-616.000.
  Skolaude, Werner; and Eggendorfer, Gunnar, 4,555,256, Cl. 62-18.000.
  Stuhr, Hans-Waldemar, 4,528,814, Cl. 60-419.000.
  Weber, Gunter, 4,526,773, Cl. 423-573.00R.
  Weber, Gunter, 4,537,752, Cl. 423-224.000.
  Weber, Gunter, 4,541,998, Cl. 423-226.000.
  Wernicke, Hans J.; and Zimmerman, Heinz, 4,515,678, Cl. 208-10.000.
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Linde, Gilbert W., to Sperry Corporation. Manure spreader expeller flail. 4,555,061, 11-26-85, Cl. 239-675.000
Linde, Karl-Heinz: *See—*
  Kloetzer, Dietrich; Linde, Karl-Heinz; and Ojust, Klaus, 4,547,318, Cl. 260-400.000.
Linde, Lars H.: *See—*
  Berglund, Lars G.; Bjorklund, Sven-Erik B.; and Linde, Lars H., 4,536,043, Cl. 312-222.000.
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Lindema Kommanditbolag: *See—*
  Andren, Ingmar, 4,534,859, Cl. 209-301.000.
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  Lindeman, Wolfgang; and Lindeman, Hans, 4,497,188, Cl. 72-40.000.
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Lindemann, Eckhard; and Neumann, Wolfgang, to Dr. Ing. Rudolf Hell GmbH. Screen for reproducing continuous-tone pictures. 4,498,108, 2-5-85, Cl. 358-283.000.

Lindemann, Harley B.: *See—*
Tisdale, Glenn E.; and Lindemann, Harley B., 4,497,065, Cl. 382-1.000.

Lindemann, Martin K. O.; and Lukenbach, Elvin R., to Johnson & Johnson Baby Products Company. Process for the preparation of 2,3-dimercaptosuccinic acid and its lower alkyl esters. 4,550,193, 10-29-85, Cl. 560-147.000.

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Adolph, Manfred, 4,542,856, Cl. 241-69.000.
Probst, Karl; and Hufken, Kurt, 4,557,421, Cl. 241-73.000.

Lindemann, Peer. Orthosis device for congenital metatarsus. 4,538,599, 9-3-85, Cl. 128-80.00A.

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Lindemann, Rolf W. Method of producing briquettes from organic waste products. 4,496,365, 1-29-85, Cl. 44-1.00D.

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Westerlund, Tage S., 4,502,570, Cl. 187-22.000.

Linden, Allan, administrator: *See—*
Kronogard, Sven-Olof, deceased; and Linden, Allan, administrator, 4,506,509, Cl. 60-720.000.

Linden, Enok S. R. Dental instrument for optimal positioning of an X-ray film support. 4,538,292, 8-27-85, Cl. 378-169.000.

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Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,509,972, Cl. 71-92.000.
Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,523,945, Cl. 71-92.000.

Linden, Harry A., to American Sterilizer Company. Apparatus for changing the direction of rotation of a rotating shaft. 4,510,816, 4-16-85, Cl. 74-372.000.

Linden, Karl H. Extensible drill. 4,561,812, 12-31-85, Cl. 408-225.000.

Linden, Ludwig: *See—*
Kraemling, Franz; Muller, Achim; Linden, Ludwig; and Raedisch, Helmer, 4,556,600, Cl. 428-216.000.

Lindenberger, Paul H. Multiple-use ratchet tool. 4,541,310, 9-17-85, Cl. 81-60.000.

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Lindenberger, W. Stewart: *See—*
Busch-Vishniac, Ilene J.; Lindenberger, W. Stewart; Lynch, William T.; and Poteat, Tommy L., 4,558,184, Cl. 179-111.00R.

Lindenmaier, Klaus; and Zieger, Josef, to Daimler-Benz Aktiengesellschaft. Device for the generation of a defined fuel vapor/air mixture. 4,553,520, 11-19-85, Cl. 123-557.000.

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Lack, Larry H., 4,507,990, Cl. 81-57.390.
Lack, Larry H., 4,561,329, Cl. 81-62.000.

Lindenmuller, Johann, to Autelca AG. Folding machine. 4,504,259, 3-12-85, Cl. 493-23.000.

Lindenmuth, Donald C., to General Motors Corporation. Modular, multi-position arm rest. 4,521,056, 6-4-85, Cl. 297-412.000.

Lindenmuth, Kevin: *See—*
Pritchard, Robert J.; and Lindenmuth, Kevin, 4,535,260, Cl. 310-12.000.

Lindenmuth, William T.: *See—*
Conn, Andrew F.; Lindenmuth, William T.; and Frederick, Gary S., 4,508,577, Cl. 134-1.000.

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Lindenthal, Hans, to J. M. Voith GmbH. Clutch for rigidly connecting coaxial parts of construction, especially for Cardan shafts. 4,543,011, 9-24-85, Cl. 403-338.000.

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Linder, Donald L.; and Murphy, William R., to Motorola, Inc. Digital frequency modulation system and method. 4,562,414, 12-31-85, Cl. 332-9.00R.

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Linder, Ernst; Moser, Winfried; and Rieger, Franz, to Robert Bosch GmbH. Arrangement for controlling a internal combustion engine equipped with glow plugs. 4,499,867, 2-19-85, Cl. 123-145.00A.

Linder, Ernst: *See—*
Babitzka, Rudolf; Beck, Walter; and Linder, Ernst, 4,494,727, Cl. 251-64.000.
Babitzka, Rudolf; Haag, Gottlob; and Linder, Ernst, 4,512,452, Cl. 192-104.00C.
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Britsch, Heinz; Klenk, Martin; Linder, Ernst; and Moser, Winfried, 4,542,727, Cl. 123-435.000.
Damson, Eckart; Latsch, Reinhard; Linder, Ernst; Rieger, Franz; and Schussler, Rainer, 4,514,656, Cl. 313-11.500.
Latsch, Reinhard; Linder, Ernst; and Moser, Winfried, 4,523,559, Cl. 123-306.000.

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Becker, Klaus, 4,556,874, Cl. 340-638.000.

Linder, Heinz, to Grapha-Holding AG. Method and apparatus for transporting and storing paper sheets and the like. 4,494,705, 1-22-85, Cl. 242-59.000.

Linder, Karen E., to Du Pont de Nemours, E. I., and Company. Cationic technetium complexes useful as radiodiagnostic agents. 4,512,967, 4-23-85, Cl. 424-1.100.

Linder, Kurt, to Mauser-Werke Oberndorf GmbH. Dynamic feeler head. 4,535,543, 8-20-85, Cl. 33-169.00R.

Linder, Philip C. Flotation type apparatus and method for supporting a load. 4,558,476, 12-17-85, Cl. 5-450.000.

Linder, William J., to Honeywell Inc. CMOS window detector with hysteresis. 4,503,340, 3-5-85, Cl. 307-360.000.

Linder, William J., to Honeywell Inc. Phase locked loop with limited phase correction when in locked condition. 4,543,540, 9-24-85, Cl. 331-1.00A.

Lindert, Andreas, to Parker Chemical Company. Treatment of metal with derivative of poly-alkenylphenol. 4,517,028, 5-14-85, Cl. 148-6.14R.

Lindert, Andreas, to Parker Chemical Company. Water-based epoxy resins stable to hydrolysis. 4,532,309, 7-30-85, Cl. 525-488.000.

Lindgren, Bengt, to Termofrost Sweden AB. Safety switch. 4,562,509, 12-31-85, Cl. 361-104.000.

Lindgren, Bo: *See—*
Olesen, Lykke; and Lindgren, Bo, 4,559,536, Cl. 340-825.070.

Lindgren, Carl, to Koppers Company, Inc. Coke oven charging car. 4,527,488, 7-9-85, Cl. 105-247.000.

Lindgren, Carl E., to ASEA Aktiebolag. Detection of light-producing events. 4,516,022, 5-7-85, Cl. 250-227.000.

Lindgren, Douglas L.: *See—*
Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.
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Lindgren, Erik A. Double isolated shielding enclosure. 4,507,520, 3-26-85, Cl. 174-35.0MS.

Lindgren, Erik V. Ski sharpener. 4,509,297, 4-9-85, Cl. 51-181.00R.

Lindgren, Erik V. Ski holder. 4,522,379, 6-11-85, Cl. 269-47.000.

Lindgren, Gosta: *See—*
Jonsson, Karl E.; and Lindgren, Gosta, 4,496,920, Cl. 335-201.000.

Lindgren, Matts J.; and Culp, Murl F., to Lockheed Missiles & Space Company, Inc. Inflation-controlled parachute. 4,524,930, 6-25-85, Cl. 244-152.000.

Lindgren, Per, to Company PAX. Device for pushing or pulling elongate wire- or rod-shaped elements through conduits. 4,552,338, 11-12-85, Cl. 254-134.3FT.

Lindgren, Peter B. Liquid level gauge. 4,550,600, 11-5-85, Cl. 73-299.000.

Lindh, Kjell E.; and Sundin, Kjell H. Ankle ligament protective device. 4,523,394, 6-18-85, Cl. 36-89.000.

Lindholm, Edward P.: *See—*
Bronstein-Bonte, Irena Y.; Lindholm, Edward P.; and Murphy, Richard J., 4,503,138, Cl. 430-213.000.
Bronstein-Bonte, Irena Y.; and Lindholm, Edward P., 4,546,062, Cl. 430-215.000.

Lindholm, Leif, to Santrade Ltd. Cemented carbide. 4,497,660, 2-5-85, Cl. 75-240.000.

Lindig, Charles E.; Brandstetter, Robert W.; and Doucette, Adrian R., to Grumman Aerospace Corporation. Recursive optical filter system. 4,522,466, 6-11-85, Cl. 350-162.120.

Lindig, Wolfgang: *See—*
Bednarz, Jurgen; and Lindig, Wolfgang, 4,542,076, Cl. 428-624.000.

Lindkvist, Goran: *See—*
Bjorling, Karl G. E.; and Lindkvist, Goran, 4,529,444, Cl. 75-63.000.

Lindl, Thomas A.: *See—*
Hatzenbuhler, John R.; and Lindl, Thomas A., 4,558,093, Cl. 524-837.000.

Lindlar, Wilhelm; and Wermeister, Gunter, to Santrade Ltd. Milling cutter. 4,533,282, 8-6-85, Cl. 407-38.000.

Lindler, Carl, to Descal-A-Matic Corporation. Magnetic liquid treating device. 4,505,815, 3-19-85, Cl. 210-223.000.

Lindley, John E. Apparatus for removing noxious fumes and gases from a commode bowl and preventing their escape to the immediate vicinity. 4,556,999, 12-10-85, Cl. 4-217.000.

Lindley, William A.: *See—*
Kaplan, Morris; and Lindley, William A., 4,542,253, Cl. 585-650.000.

Lindmark, Gunnar: *See—*
Sundberg, Ake; and Lindmark, Gunnar, 4,545,413, Cl. 144-176.000.

Lindmark, Gustaf, to All Seasons Surfacing Corporation. Rubberized asphaltic concrete composition. 4,548,962, 10-22-85, Cl. 523-220.000.

Lindmark, Malte; and Lindmark, Margareta. Pump. 4,537,562, 8-27-85, Cl. 417-215.000.

Lindmark, Margareta: *See—*
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Lindmark, Richard C., Jr.: *See—*
Bunnelle, William L.; and Lindmark, Richard C., Jr., 4,543,099, Cl. 604-385.00A.

Lindmayer, Istvan; and Grunwald, Raymond M., to Preci-Tech Ltd. Disposable syringe for needleless injector. 4,518,385, 5-21-85, Cl. 604-68.000.

Lindmayer, Istvan: *See—*
  Crevier, Paul H.; and Lindmayer, Istvan, 4,496,090, Cl. 227-19.000.
Lindmayer, Joseph, to Solarex Corporation. Electrical contacts for a solar cell. 4,492,812, 1-8-85, Cl. 136-256.000.
Lindner, Christian; Braese, Hans-Eberhard; Ott, Karl-Heinz; and Uerdingen, Walter, to Bayer Aktiengesellschaft. Soft polymer alloys. 4,511,695, 4-16-85, Cl. 525-80.000.
Lindner, Christian; Ott, Karl-Heinz; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, to Bayer Aktiengesellschaft. Moulding compositions of vinyl chloride polymers, certain copolymers and polymeric plasticisers having a high resistance to ageing. 4,518,743, 5-21-85, Cl. 525-80.000.
Lindner, Christian; Ott, Karl-Heinz; and Braese, Hans-Eberhard, to Bayer Aktiengesellschaft. Thermoplastic compositions in powder form. 4,522,959, 6-11-85, Cl. 523-335.000.
Lindner, Christian; Uerdingen, Walter; Hinz, Jurgen; and Trabert, Ludwig, to Bayer Aktiengesellschaft. Polymer powders containing graft polymer. 4,522,964, 6-11-85, Cl. 524-71.000.
Lindner, Christian: *See—*
  Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, 4,548,987, Cl. 525-67.000.
  Binsack, Rudolf; Rempel, Dieter; Lindner, Christian; and Morbitzer, Leo, 4,535,124, Cl. 525-67.000.
  Ott, Karl-Heinz; Lindner, Christian; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,515, Cl. 525-79.000.
  Waniczek, Helmut; Lindner, Christian; Suling, Carlhans; Bartl, Herbert; and Uerdingen, Walter, 4,506,045, Cl. 524-31.000.
Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., to Goodyear Tire & Rubber Company, The. Pneumatic tire tread. 4,545,415, 10-8-85, Cl. 152-209.00R.
Lindner, Edmund: *See—*
  Jung, Norbert; Lindner, Edmund; and Lohrbaecher, Volker, 4,526,286, Cl. 220-22.000.
Lindner, Erno: *See—*
  Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.
Lindner, Georg H., to M&T Chemicals Inc. Air operated diaphragm pump system. 4,500,264, 2-19-85, Cl. 417-395.000.
Lindner, Georg H., to M&T Chemicals Inc. Glass container hot end coating formulation and method of use. 4,530,857, 7-23-85, Cl. 427-314.000.
Lindner, Horst: *See—*
  Heck, Klaus; and Lindner, Horst, 4,543,170, Cl. 204-129.200.
Lindner, Horst J.; Ufer, Peter P.; Heck, Klaus; and Schmoger, Gerhard, to Audi NSU Auto Union Aktiengesellschaft. Method and apparatus for electrochemical machining. 4,504,370, 3-12-85, Cl. 204-129.100.
Lindner, Karl B., to Eskilstuna Invest AB. Foundation for a mast, supporting pillar, and the like. 4,558,545, 12-17-85, Cl. 52-169.130.
Lindner, Karl-Rainer. Cutting device for cutting elongated profiles into sections. 4,527,452, 7-9-85, Cl. 83-209.000.
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Lindner, Otto: *See—*
  Behre, Horst; Blank, Heinz U.; Burmeister, Gerhard; and Lindner, Otto, 4,534,905, Cl. 260-505.00C.
Lindner, Robert G.: *See—*
  Albrecht, Raymond E.; and Lindner, Robert G., 4,558,544, Cl. 52-126.600.
Lindner, Robert W.; and Vallese, Lucio M., deceased (Vallese, Eleanor R., executrix), to Electrophysics Corporation. Image stabilized rotational modulator for pyroelectric imaging devices. 4,539,589, 9-3-85, Cl. 358-113.000.
Lindner, Walter E.: *See—*
  Coggins, Dolphus L.; and Lindner, Walter E., 4,540,465, Cl. 156-642.000.
Lindow, Steven: *See—*
  Orser, Cindy; Loper, Joyce; Panopoulos, Nickolas; Lindow, Steven; and Schroth, Milton N., 4,540,667, Cl. 435-172.300.
Lindquist, Bjorn K. V.; and Petersson, Stig A., to Boliden Aktiebolag. Method for producing blister copper. 4,515,631, 5-7-85, Cl. 75-73.000.
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Lindquist, Lloyd O.: *See—*
  Lee, David M.; and Lindquist, Lloyd O., 4,493,810, Cl. 376-254.000.
Lindquist, Thomas W. F.: *See—*
  Citron, Alan L.; Lindquist, Thomas W. F.; and Popp, William E., 4,555,699, Cl. 340-707.000.
Lindqvist, Ake, to ASEA Aktiebolag. Safety device in an operating unit for an industrial robot. 4,535,207, 8-13-85, Cl. 200-17.00R.
Lindqvist, Sten-Borje: *See—*
  Jonsson, Ernst U.; Lindqvist, Sten-Borje; and Wimmerstedt, Roland V., 4,555,251, Cl. 55-48.000.
Lindqvist, Sven, to Iacconi, Marie. Extruder nozzle and a method for producing plastic products. 4,541,793, 9-17-85, Cl. 425-206.000.
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Lindroos, Runar, to Rilett Engergitjanst AB. Heat exchanger having intermittently movable rotational cleaning arms. 4,558,733, 12-17-85, Cl. 165 94.000.
Lindsay, Edward R.: *See—*
  Aid, James D.; and Lindsay, Edward R., 4,554,069, Cl. 210-101.000.
Lindsay, Erin J.: *See—*
  Wells, Edward S.; Ford, Spencer K.; Werner, Jack E., and Lindsay, Erin J., 4,512,163, Cl. 62-394.000.
Lindsay, Frederick E.; and Alexander, Willis R., to Mack Trucks, Inc. Centrifugal filter assembly. 4,557,831, 12-10-85, Cl. 210-232.000.
Lindsay, Harold W. Cutting tool with cutting inserts having positioning keyways. 4,509,886, 4-9-85, Cl. 407-102.000.
Lindsay, Harold W. Milling cutter with multiple indexable cutting inserts. 4,522,538, 6-11-85, Cl. 407-35.000.
Lindsay, John S.: *See—*
  Reardon, Richard J.; Maroti, Endre S.; Roy, Colin; and Lindsay, John S., 4,558,576, Cl. 72-9.000.
Lindsay, Ned. Cutting device. 4,494,435, 1-22-85, Cl. 83-880.000.
Lindsay, Paul H., to General Electric Company. Quick attach-detach mechanism for audio components. 4,535,870, 8-20-85, Cl. 181-141.000.
Lindsay, Richard A., to W. Vinten Limited. Load counterbalancing mechanisms. 4,557,459, 12-10-85, Cl. 248-571.000.
Lindsay Specialty Products Limited: *See—*
  Miladinovic, Milorad, 4,527,167, Cl. 343-840.000.
Lindsey, Charles T., to Parker-Hannifin Corporation. Force motor. 4,560,967, 12-24-85, Cl. 335-262.000.
Lindsey, Hiram E., Jr., to MWL Tool and Supply Company. Setting tool and retrievable landing assembly. 4,497,371, 2-5-85, Cl. 166-377.000.
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Lindsey, James C., to Cavalier Corporation. Antitheft side mounted escrows for vending machine. 4,511,060, 4-16-85, Cl. 221-115.000.
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Lindsey Manufacturing Company: *See—*
  Lindsey, Keith E., 4,521,198, Cl. 434-224.000.
Lindsey, Roland G.; and Simms, John A., to Du Pont de Nemours, E. I., and Company. Process for making isocyanate-functional polymers containing low residual monomeric isocyanate. 4,510,298, 4-9-85, Cl. 526-87.000.
Lindskog, Kjell J. Manufacture of two part mold. 4,536,364, 8-20-85, Cl. 264-227.000.
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Lindstrom, Alf I.: *See—*
  Nasman, Lars E.; and Lindstrom, Alf I., 4,531,892, Cl. 417-205.000.
Lindstrom, Gerald D.; Eckhart, Clifford F.; Farthing, George A., Jr.; Muckley, James J.; and Taylor, Brian E., to Babcock & Wilcox Company, The. Low pressure loss burner for coal-water slurry or fuel oil. 4,519,322. 5-28-85, Cl. 110-264.000.
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  Salomonsson, Goran; Borjesson, Per O.; Mandersson, Bengt; Holmer, Nils-Gunnar; and Lindstrom, Kjell, 4,520,670, Cl. 73-602.000.
Lindstrom, Merlin R.; Henshaw, Leslie J.; Mark, Harold W.; and Clark, James B., to Phillips Petroleum Company. Process for the control of sulfate-reducing bacteria. 4,495,200, 1-22-85, Cl. 424-286.000.
Lindstrom, Merlin R., to Phillips Petroleum Company. Process of making U.V. cured polyurethanes using diazonium salt promoters. 4,544,466, 10-1-85, Cl. 204-159.110.
Lindstrom, Merlin R., to Phillips Petroleum Company. UV cured polyurethanes using organotin promoters. 4,549,945, 10-29-85, Cl. 204-159.110.
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  Macdonell, Gary D.; Lindstrom, Merlin R.; Baldwin, Bernard A.; Louthan, Rector P.; and Schuettenberg, Alexander D., 4,537,690, Cl. 252-48.400.
Lindstrom, Robert; and Allen, Robert J., to Prototech Company. Self-supporting catalytic sleeve formed of interwoven loosely packed multi-fiber strands for receiving air-combustible gas mixtures for flameless catalytic combustion along the sleeve. 4,524,094, 6-18-85, Cl. 428-36.000.
Lindstrom, Robert O., to SCM Corporation. Display carton. 4,542,847, 9-24-85, Cl. 229-16.00D.
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  Baker, Stephen R.; Lindstrom, Terry D.; Jamieson, William B.; and Ross, William J., 4,532,257, Cl. 514-470.000.
  Lacefield, William B.; and Lindstrom, Terry D., 4,508,735, Cl. 514-616.000.
Lindstrom, Wictor C. O., to Credence Finance Association. Sill and frame for windows or doors. 4,495,726, 1-29-85, Cl. 49-401.000.
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  Chernoff, Edward A.; Lindtveit, Kirby M.; and Levy, Paul, 4,506,179, Cl. 310-91.000.
Lindy, Lowell B.: *See—*
  Gilpin, Jo Ann; and Lindy, Lowell B., 4,562,280, Cl. 560-103.000.

Line Industry Corp.: *See—*
Matsushita, Yoshihiro, 4,524,861, Cl. 198-781.000.
Line, William F.: *See—*
Mizerak, Robert J.; Bertkau, Geoffrey H.; Line, William F.; and Chicoye, Etzer, 4,528,198, Cl. 426-16.000.
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Hummel, John E.; and Baab, William E., 4,526,565, Cl. 493-196.000.
Linear Limited: *See—*
Sewards, George R., 4,505,780, Cl. 156-507.000.
Linear Technology Inc.: *See—*
Cole, William A., 4,506,169, Cl. 307-351.000.
Linear Textiles Limited: *See—*
Garnett, John F. C., 4,548,849, Cl. 428-88.000.
Lineberry, Roger D.; and Shields, Harper, to Kayser-Roth Hosiery, Inc. Ankle and arch support sock. 4,522,044, 6-11-85, Cl. 66-185.000.
Lineberry, Roger D.: *See—*
Shields, Harper; and Lineberry, Roger D., 4,520,635, Cl. 66-185.000.
Linehan, Joseph J.; and Amato, Phillip S., to Samson Ocean Systems, Inc. Hawser line flotation. 4,506,622, 3-26-85, Cl. 114-230.000.
Ling, Andrew T.: *See—*
Donohue, James M.; and Ling, Andrew T., 4,493,049, Cl. 364-900.000.
Donohue, James M.; and Ling, Andrew T., 4,527,252, Cl. 364-900.000.
Ling, Bernt; and Sternad, Mikael, to ASEA Aktiebolag. Unloading of goods, such as bulk goods from a driven, suspended load-carrier. 4,512,711, 4-23-85, Cl. 414-786.000.
Ling, Chi-Fei, to American Cyanamid Company. Process for sizing textile materials. 4,515,855, 5-7-85, Cl. 428-290.000.
Ling, Chung-Mei: *See—*
Abram, Dinah; Armstrong, Alan S.; Herrmann, John E.; and Ling, Chung-Mei, 4,497,900, Cl. 436-511.000.
Ling, Daniel T.: *See—*
Dill, Frederick H.; Ling, Daniel T.; and Matick, Richard E., 4,541,075, Cl. 365-159.000.
Ling, Fu W.: *See—*
Lee, Yung W.; Ling, Fu W.; and Shapiro, Stanley, 4,492,602, Cl. 148-11.50C.
Ling, Han-Chin: *See—*
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Ling, John Y.: *See—*
Chang, Richard S.; Ling, John Y.; and Shoff, Daniel J., 4,492,582, Cl. 434-169.000.
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Buttery, Ronald G.; Ling, Louisa C.; and Juliano, Bienvenido O., 4,522,838, Cl. 426-537.000.
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Brogardh, Torgny; Linge, Anders; and Sander, Lars, 4,492,860, Cl. 250-227.000.
Lingenfelter, Lowell R.: *See—*
Johnson, Donald L.; and Lingenfelter, Lowell R., 4,555,152, Cl. 339-17.00L.
Schuler, John G.; and Lingenfelter, Lowell R., 4,511,196, Cl. 339-14.00R.
Linger, Barry A., to Howard Machinery Public Limited Company. Soil cultivating implement. 4,548,276, 10-22-85, Cl. 172-166.000.
Lingg, George, to Aussie Auto Accessory Imports, Ltd. Weathershield for automobiles. 4,558,633, 12-17-85, Cl. 98-2.130.
Lingren, Clinton L.; and Miller, James F., to Gamma-Metrics. Fission chamber detector system for monitoring neutron flux in a nuclear reactor over an extra wide range, with high sensitivity in a hostile environment. 4,495,144, 1-22-85, Cl. 376-255.000.
Lings, Barry W., to Rolls-Royce Limited. Stator vane for a gas turbine engine. 4,504,189, 3-12-85, Cl. 415-115.000.
Lingscheit, James N.: *See—*
Amberger, Charles J.; and Lingscheit, James N., 4,546,050, Cl. 428-630.000.
Lingua, Robert W. Hemostasing muscle clips for needleless surgery. 4,519,392, 5-28-85, Cl. 128-325.000.
Linguenheld, Louis; and Soula, Gerard, to Rhone-Poulenc Industries. Novel polyoxaalkyl aminoalcohols. 4,504,682, 3-12-85, Cl. 564-480.000.
Linhofer, Gerhard: *See—*
Koppl, Georg; and Linhofer, Gerhard, 4,539,432, Cl. 174-15.00C.
Linhoff & Thesenfitz Maschinenbau GmbH: *See—*
Thesenfitz, Klaus, 4,555,283, Cl. 156-71.000.
Lininger, Michael A., to Owens-Illinois, Inc. Tamper resistant closure with tear-off band. 4,550,844, 11-5-85, Cl. 215-252.000.
Link, Achim, to Fichtel & Sachs AG. Multiple disk clutch for motor vehicles. 4,540,079, 9-10-85, Cl. 192-109.00R.
Link, Christoph: *See—*
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Link, Donald A.; Swessel, John A., Jr.; and Theisen, Peter J., to Eaton Corporation. Arc extinguishing structure for electrical switching device. 4,511,772, 4-16-85, Cl. 200-144.00R.
Link, Donald A.; Swessel, John A., Jr.; and Theisen, Peter J., to Eaton Corporation. Molded case circuit breaker with improved high fault current interruption capability. 4,527,027, 7-2-85, Cl. 200-144.00R.
Link, Edwin A., to RTE Corporation. Submersible primary circuit breaker. 4,521,823, 6-4-85, Cl. 361-38.000.
Link, Erich: *See—*
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Link, Howard D., to Norton Christensen, Inc. Diamond rotating bit. 4,550,790, 11-5-85, Cl. 175-329.000.
Link, John. Cleaning apparatus and method. 4,548,001, 10-22-85, Cl. 51-410.000.
Link, Theodore P.: *See—*
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Link, Werner, to Wilhelm Link GmbH & Co. KG. Gas pressure spring with a safety device. 4,557,470, 12-10-85, Cl. 267-64.120.
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Jones, Harold; and Bell, David J., 4,535,898, Cl. 211-153.000.
Linke, Walter; Kirnbauer, Peter, and Indra, Rudolf, to Wienerberger Baustoffindustrie Aktiengesellschaft. Process and apparatus for the production of articles consisting of ceramic material. 4,496,501, 1-29-85, Cl. 264-37.000.
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Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, 4,558,621, Cl. 83-834.000.
Linker, Frank V.; and Linker, Frank V., Jr., to American Tech. Manufacturing, Inc. Method and apparatus for trimming the leads of electronic components. 4,539,878, 9-10-85, Cl. 83-99.000.
Linker, Frank V., Jr.: *See—*
Linker, Frank V.; and Linker, Frank V., Jr., 4,539,878, Cl. 83-99.000.
Linker, Karl-Heinz: *See—*
Fauss, Rudolf; Linker, Karl-Heinz; and Findeisen, Kurt, 4,503,025, Cl. 423-384.000.
Linkert, Reinhold; Becker, Emil; and Hoffmann, Horst, to George Fischer Aktiengesellschaft. Process for producing cast iron castings with a vermicular graphite structure. 4,544,407, 10-1-85, Cl. 75-130.00A.
Linklater, Peter M.; and Browning, George W., to Commonwealth of Australia, The. Process for cheese making. 4,521,433, 6-4-85, Cl. 426-36.000.
Linkow, Leonard I. Oral implant for oversized dental support openings. 4,521,192, 6-4-85, Cl. 433-173.000.
Linkow, Leonard I.; and Hoffman, Leo. Detachable post for an osseous implant. 4,531,917, 7-30-85, Cl. 433-176.000.
Links, Heinz: *See—*
Eheim, Franz; Hofer, Gerald; Eckert, Konrad; and Links, Heinz, 4,541,385, Cl. 123-446.000.
Linlor, William I., to United States of America, National Aeronautics and Space Administration. Optical system with reflective baffles. 4,542,963, 9-24-85, Cl. 350-537.000.
Linn, Bruce O.; and Lusi, Aino, to Merck & Co., Inc. 4-amino-4-dehydroxy derivatives of efrotomycin and related compounds. 4,515,783, 5-7-85, Cl. 514-27.000.
Linn, Donald E., Jr.: *See—*
King, Allen D., Jr.; King, R. Bruce; and Linn, Donald E., Jr., 4,507,185, Cl. 204-157.10R.
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Linn, Horst, 4,492,572, Cl. 432-263.000.
Linn, Horst, to Linn Elektronik GmbH. Melting crucible. 4,492,572, 1-8-85, Cl. 432-263.000.
Linn, Maynard W. Binding unit. 4,493,495, 1-15-85, Cl. 281-45.000.
Linn, Maynard W. Binding unit. 4,524,992, 6-25-85, Cl. 281-45.000.
Linn, Maynard W. Binding unit. 4,557,503, 12-10-85, Cl. 281-47.000.
Linn, Michael A., to Nox-Crete Chemicals, Incorporated. Composition for waterproofing and inhibiting erosion and corrosion of silicon dioxide containing substrates. 4,525,213, 6-25-85, Cl. 106-2.000.
Linnau, Yendra; and Schwarz, Otto, to Immuno Aktiengesellschaft fur Chemisch-Medizinische Produkte. Method for producing a preparation containing factor VIII (AHF). 4,522,751, 6-11-85, Cl. 260-112.00B.
Linnau, Yendra: *See—*
Eibl, Johann; Hetzl, Ernst; and Linnau, Yendra, 4,510,084, Cl. 260-112.00B.
Linnebach, Richard: *See—*
Schemmel, Gerald; and Linnebach, Richard, 4,551,186, Cl. 148-171.000.
Linnekin, Robert L. Circular chess. 4,553,756, 11-19-85, Cl. 273-261.000.
Linnemeier, Elmer H., to Torrington Company, The. Steering column. 4,512,209, 4-23-85, Cl. 74-492.000.
Linner, Hans, to Norden Packaging Machinery AB. Hot gas sealing device. 4,511,426, 4-16-85, Cl. 156-497.000.
Linner, John G., to Board of Regents, The University of Texas System. Method and apparatus for cryopreparing biological tissue for ultrastructural analysis. 4,510,169, 4-9-85, Cl. 427-4.000.
Linnik, Ronald L.: *See—*
Bennison, Stewart; and Linnik, Ronald L., 4,504,183, Cl. 414-412.000.
Linnstaedter, Don J., to GenCorp Inc. Apparatus for co-extruding a rubber strip of one material with a stripe of a second material. 4,552,521, 11-12-85, Cl. 425-131.100.
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Hans, Lindqvist; and Vidar, Gronberg, 4,532,034, Cl. 210-112.000.
Linschitz, Henry: *See—*
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- Linse, Vonne D.: *See—*
  - Hill, Terry E.; Riley, George R.; Linse, Vonne D.; Green, Sheryll C.; and Tack, Paul G., 4,552,298, Cl. 228-2.500.
- Linsker, Eugene, to Tech Development Inc. Turbine rotor. 4,509,896, 4-9-85, Cl. 415-9.000.
- Linstid, H. Clay, III; and Koermer, Gerald S., to Celanese Corporation. Isomerization of branched aldehydes to ketones. 4,537,995, 8-27-85, Cl. 568-384.000.
- Linstromberg, William J.: *See—*
  - Janke, Donald E.; and Linstromberg, William J., 4,530,218, Cl. 62-156.000.
- Linthout, Theodoor H., to Oce-Nederland B.V. Sheet conveying device. 4,546,964, 10-15-85, Cl. 271-250.000.
- Linton, David J., to Sundstrand Corporation. Hydraulic asymmetry detector. 4,521,060, 6-4-85, Cl. 303-71.000.
- Linton, David J., to Sundstrand Corporation. Pressure-regulating system. 4,545,202, 10-8-85, Cl. 60-420.000.
- Linton, Derek; and Linton, Pam M., to Linton Systems Limited. Bracket. 4,530,194, 7-23-85, Cl. 52-712.000.
- Linton, Pam M.: *See—*
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  - Linton, Derek; and Linton, Pam M., 4,530,194, Cl. 52-712.000.
- Lintott, Edward R., to Lucas Industries Public Limited Company. Fuel pumping apparatus. 4,505,245, 3-19-85, Cl. 123-451.000.
- Lintunen, Tuomo, to Enso-Gutzeit Oy. Filter press. 4,544,448, 10-1-85, Cl. 162-360.100.
- Lintvalve Electronic Systems Limited: *See—*
  - Tero, Brian A., 4,502,322, Cl. 73-40.50A.
- Linvill, John G., to Stanford University. Force sensing polymer piezoelectric transducer array. 4,491,760, 1-1-85, Cl. 310-334.000.
- Linz, Volker: *See—*
  - Schorcht, Adelbrecht; Klingenfeld, Dietmar; Hesse, Reiner; Dastis, Rainer; and Linz, Volker, 4,496,970, Cl. 358-101.000.
- Lion Corporation: *See—*
  - Ando, Hideo; Kiyama, Kentaro; and Kitano, Kyozo, 4,517,113, Cl. 252-353.000.
  - Fujiwara, Masami; Fukuda, Hidenori; and Tanaka, Minako, 4,536,324, Cl. 252-311.000.
  - Hara, Noboru; Fukudome, Shinichi; Johna, Nobuo; and Nakamura, Masayoshi, 4,510,073, Cl. 252-383.000.
  - Komiyama, Noboru; Itoi, Hiroshi; and Sano, Hiroshi, 4,512,968, Cl. 424-48.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,512,404, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,532,053, Cl. 252-8.55D.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,534,411, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,537,253, Cl. 166-274.000.
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  - Muramatsu, Kazuhiro; Watari, Yuuzi; Tajima, Masaru; and Nakaju, Isamu, 4,552,754, Cl. 424-70.000.
  - Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.
  - Sakatani, Takenobu; and Suzuki, Shigeru, 4,540,499, Cl. 252-8.750.
  - Satsuki, Teruhisa; and Ota, Seiiti, 4,549,984, Cl. 252-532.000.
  - Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, 4,545,939, Cl. 260-400.000.
  - Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, 4,561,999, Cl. 252-557.000.
  - Suganuma, Nobuo; Tanaka, Kensuke; Takada, Nobuyuki; and Ichikawa, Hiromichi, 4,556,553, Cl. 424-52.000.
  - Tano, Tetsuo; and Hayashi, Akira, 4,507,223, Cl. 252-353.000.
  - Ukigai, Toshiyuki; Hagiwara, Masaaki; and Yamada, Junichi, 4,544,033, Cl. 166-274.000.
  - Yamada, Hisashi; Makise, Masayuki; Katagiri, Tsutomu; and Abe, Kaname, 4,491,553, Cl. 264-51.000.
- Lion Industries Ltd.: *See—*
  - Yuill, Grenville K., 4,510,791, Cl. 73-40.000.
- Lion Uniform, Inc.: *See—*
  - Lapedes, Richard W.; and Veghte, James H., 4,502,153, Cl. 2-81.000.
- Lionetta, William G., Jr.: *See—*
  - Genova, Anthony T.; Squitieri, Vincent; and Lionetta, William G., Jr., 4,497,533, Cl. 339-143.00R.
- Lionis, Anastasios: *See—*
  - Hamid, Michael; and Lionis, Anastasios, 4,494,835, Cl. 351-158.000.
- Lionnet, Richard, to Raychem Pontoise, S.A. Recoverable article. 4,514,031, 4-30-85, Cl. 339-205.000.
- Lions, Noel: *See—*
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  - Cabrillat, Marie-Therese; and Lions, Noel, 4,492,667, Cl. 376-405.000.
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- Liot, Roger, to Roger Liot, S.A. Reserved liquid eggs and method of preparation. 4,524,083, 6-18-85, Cl. 426-330.100.
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- Liou, Mou T. Combination of screw spanner and nut breaker. 4,549,324, 10-29-85, Cl. 7-142.000.
- Liou, Mou T. Combined tap and die holder. 4,556,348, 12-3-85, Cl. 408-233.000.
- Liou, Mou T. Tool adapter. 4,561,507, 12-31-85, Cl. 173-93.700.
- Lipatov, Nikolai K.: *See—*
  - Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl. 324-65.00R.
- Lipets, Adolf U.; Alexandrov, Boris I.; Kuznetsova, Svetlana M.; Okerblom, Jury I.; Ershov, Jury A.; Frolova, Nadezhda A.; Malkis, Valery A.; Sotnikov, Ivan A.; Fedosov, Alexei Z.; and Petrosyan, Robert A. Multiflow tubular air heater. 4,501,320, 2-26-85, Cl. 165-144.000.
- Lipha, Lyonnaise Industrielle Pharmaceutique: *See—*
  - Bayssat, Michel; Belleville, Maryse; and Grand, Marcel, 4,512,994, Cl. 514-374.000.
  - Bayssat, Michel; Ferrand, Gerard; and Depin, Jean-Claude, 4,554,273, Cl. 514-221.000.
  - Ferrand, Gerard; Dumas, Herve; Bayssat, Michel; and Depin, Jean-Claude, 4,552,878, Cl. 514-243.000.
- Lipid Specialties, Inc.: *See—*
  - Sears, Barry D., 4,507,217, Cl. 252-62.540.
  - Sears, Barry D., 4,534,899, Cl. 260-403.000.
- Lipinski, Christopher A., to Pfizer Inc. Spiro-3-hetero-azolones for treatment of diabetic complications. 4,556,670, 12-3-85, Cl. 514-390.000.
- Lipinski, Christopher A.: *See—*
  - LaMattina, John L.; and Lipinski, Christopher A., 4,510,313, Cl. 548-194.000.
- Lipinski, Reinhard; and Neff, Karl, to PROMA Produkt-und Marketing Gesellschaft m.b.H. Mechanical rotary-to-linear motion conversion element. 4,512,208, 4-23-85, Cl. 74-89.150.
- Lipinski, Reinhard, to PROMA Produkt-und Marketing Gesellschaft m.b.H. Sealed motion transfer apparatus utilizing a pressure fluid cylinder. 4,519,297, 5-28-85, Cl. 92-88.000.
- Lipinsky, Edward S.: *See—*
  - Hillman, Melville E. D.; Huffman, William J.; Lipinsky, Edward S.; and Stambaugh, Edgel, 4,523,928, Cl. 44-56.000.
- Lipman, Abby G.; and Levin, Herbert L. Planetarium alarm clock. 4,497,582, 2-5-85, Cl. 368-15.000.
- Lipoff, Stuart J., to Arthur D. Little, Inc. FSK demodulator utilizing multiple-phase reference frequencies. 4,529,941, 7-16-85, Cl. 329-112.000.
- Liposome Company, Inc., The: *See—*
  - Lenk, Robert P.; Fountain, Michael W.; Janoff, Andrew S.; Ostro, Marc J.; and Popescu, Micrea C., 4,522,803, Cl. 424-1.100.
- Lipowski, Stanley A., to Diamond Shamrock Chemicals Company. Aluminum salts of aromatic sulfonic acids formaldehyde condensates. 4,504,316, 3-12-85, Cl. 106-90.000.
- Lipowski, Stanley A.; and Miskel, John J., Jr., to Diamond Shamrock Chemicals Company. Amphoteric water-in-oil self-inverting polymer emulsion. 4,505,828, 3-19-85, Cl. 252-8.55D.
- Lipowski, Stanley A.; Miskel, John J., Jr.; and Schick, Martin J., to Diamond Shamrock Chemicals Company. Stabilizing clayey formations. 4,505,833, 3-19-85, Cl. 252-8.50C.
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- Lipp, Alfred: *See—*
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  - Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, 4,528,120, Cl. 252-516.000.
  - Hunold, Klaus; Lipp, Alfred; and Reinmuth, Klaus, 4,560,668, Cl. 501-92.000.
- Lipp, Herbert; and Reckeweg, Horst, to Rheinmetall GmbH. Testing and/or practice projectile for an artillery weapon. 4,517,900, 5-21-85, Cl. 102-529.000.
- Lipp, Reinhold: *See—*
  - Achinger, Michael; Jaeger, Erhard; Lipp, Reinhold; and Streitenberger, Walter, 4,537,238, Cl. 164-169.000.
- Lippe, Lloyd K. Method of constructing arcuate structures. 4,505,088, 3-19-85, Cl. 52-747.000.
- Lippek, Wilfried: *See—*
  - Kuhn, Franz; Lippek, Wilfried; Mollgaard, Klaus; and Redecker, Friedrich, 4,500,972, Cl. 364-526.000.
- Lipper, Karl-August: *See—*
  - Bockmann, Walter; Bruhne, Friedrich; and Lipper, Karl-August, 4,528,146, Cl. 260-544.00D.
- Lippert, Bruce J.: *See—*
  - Adams, Jerry L.; Metcalf, Brian W.; and Lippert, Bruce J., 4,520,028, Cl. 514-447.000.
  - Metcalf, Brian W.; and Lippert, Bruce J., 4,524,076, Cl. 514-472.000.
- Lippert, Hartmut: *See—*
  - Ozelli, Riza N.; Hoffmann, Hans-Josef; and Lippert, Hartmut, 4,535,121, Cl. 524-715.000.
- Lippert, James W.: *See—*
  - Barna, Gordon L.; and Lippert, James W., 4,519,442, Cl. 165-9.200.

- Lippert, Thomas E.: *See—*
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  - Ciliberti, David F.; and Lippert, Thomas E., 4,553,986, Cl. 55-68.000.
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  - Hodes, Erich; Lippok, Peter; and Miotk, Bernd, 4,562,122, Cl. 428-644.000.
- Lippold, Heinrich: *See—*
  - Wecker, Dietmar; and Lippold, Heinrich, 4,543,727, Cl. 33-228.000.
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- Lipscomb, Robert J., to Precision Steel Warehouse, Inc. Method and apparatus for supplying metal coils to a processing station. 4,509,891, 4-9-85, Cl. 414-113.000.
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  - Ratsko, Istvan; Ivony, Jozsef; Karaszi, Gyorgy; Madi, Jeno; and Liptai, Nandor, 4,494,765, Cl. 280-432.000.
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  - Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.
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  - Schieser, Warren J.; Vickers, Stanley E.; and Duffey, Craig L., 4,506,489, Cl. 53-64.000.
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  - Reed, Gordon A. D.; and Itzkovitch, Irwin J., 4,537,761, Cl. 423-644.000.
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- Lis, Steven A., to GCA Corporation. Method of catalytic etching. 4,506,005, 3-19-85, Cl. 430-317.000.
- Lisa, Rudolph E.: *See—*
  - Schmidt, Douglass N.; Finnan, Jeffrey L.; and Lisa, Rudolph E., 4,533,674, Cl. 514-474.000.
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  - Hill, John H.; and Lisboa, Luis S., 4,552,161, Cl. 132-88.500.
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- Lischner, David J.: *See—*
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- Liska, Daniel P.: *See—*
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- Lisken, Werner: *See—*
  - Baumers, Johannes; Lisken, Werner; and Lietzke, Heinz, 4,510,815, Cl. 74-61.000.
- Lisle Corporation: *See—*
  - Miller, Merrill R., 4,544,067, Cl. 211-70.600.
- Lisle, Jerry H.: *See—*
  - Brown, Larry L.; and Lisle, Jerry H., 4,547,903, Cl. 2-12.000.
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- Liss, Bernard: *See—*
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  - Allen, Charles S.; Berg, Arthur A.; Schmitt, Eugene W.; Stoltenberg, Michael R.; and Lissau, Frederic, 4,544,132, Cl. 251-318.000.
- Lissoni, Davide: *See—*
  - Bertani, Alberto; Mariani, Piercarlo; and Lissoni, Davide, 4,552,034, Cl. 74-547.000.
- List, Hans: *See—*
  - Knopf, Franz, 4,514,140, Cl. 415-119.000.
  - Krempl, Peter W.; Schindler, Wolfgang; and Faschingleitner, Leopold, 4,518,861, Cl. 250-339.000.
- List, Helmut: *See—*
  - Marsoner, Hermann; Harnoncourt, Karl; and List, Helmut, 4,501,296, Cl. 137-625.410.
- List, John F.; and Nunn, William M., III, to Fleming Steel Company. Locking device for center fold hangar door. 4,545,418, 10-8-85, Cl. 160-213.000.
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  - Dunner, Max, 4,525,012, Cl. 312-222.000.
- Listemann, Peter; and Monch, Sigurd, to Hilti Aktiengesellschaft. Copper solder containing cobalt. 4,518,662, 5-21-85, Cl. 428-675.000.
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  - Gronbech, Robert W.; and Lister, Michael, 4,497,215, Cl. 74-89.150.
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- Liston, Max D., to American Hospital Supply Corporation. Automated analysis instrument system. 4,528,159, 7-9-85, Cl. 422-65.000.
- Liston, Thomas V., to Chevron Research Company. Method for improving fuel economy of internal combustion engines. 4,495,088, 1-22-85, Cl. 252-32.70E.
- Liszka, Ludwik J. System for operational monitoring of a machine. 4,559,828, 12-24-85, Cl. 73-658.000.
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  - Kent, Stephen B. H.; and L'Italien, James J., 4,548,904, Cl. 436-89.000.
- L'Italien, Yvon J.: *See—*
  - Butler, Donald E.; and L'Italien, Yvon J., 4,562,195, Cl. 514-294.000.
- Litchfield, John: *See—*
  - Pearson, Leonard L.; and Litchfield, John, 4,500,568, Cl. 427-294.000.
- Litchfield, Leon G.; and Hardy, Terence, to L.B. Plastics Limited. Window systems. 4,525,966, 7-2-85, Cl. 52-397.000.
- Litchfield, Peter A. Safety device and harness for use in same. 4,533,017, 8-6-85, Cl. 182-3.000.
- Litchfield, William J.: *See—*
  - Freytag, J. William; and Litchfield, William J., 4,517,303, Cl. 436-501.000.
- Litherland, James A. F., to Hillman Newby Ltd. Hydraulic seal with pressure actuated ridges. 4,557,488, 12-10-85, Cl. 277-27.000.
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  - Kamienski, Conrad W., 4,555,498, Cl. 502-153.000.
- Litke, Alan E., to Loctite Corporation. Thixotropic cyanoacrylate compositions. 4,533,422, 8-6-85, Cl. 156-307.300.
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  - Mogyorodi, Ferenc; Koprany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.
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- Litner, Richard C., to Chrysler Corporation. Speaker and grille installation clip mounting. 4,546,850, 10-15-85, Cl. 181-141.000.
- Litovitz, Theodore A.: *See—*
  - Macedo, Pedro B.; Simmons, Catherine J.; Tran, Danh C.; Lagakos, Nicholas; and Simmons, Joseph, 4,528,011, Cl. 65-30.130.
  - Tran, Danh C.; Macedo, Pedro B.; Simmons, Joseph H.; Simmons, Catherine J.; and Lagakos, Nicholas, 4,544,499, Cl. 252-629.000.
  - Varshneya, Deepak; Macedo, Pedro B.; and Mohr, Robert K., 4,552,577, Cl. 65-22.000.
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- Litt, Gerald J.; and Litt, Lloyd C., to Du Pont de Nemours, E. I., and Company. Autoradiogram marking process. 4,510,392, 4-9-85, Cl. 250-475.200.
- Litt, Lloyd C.: *See—*
  - Litt, Gerald J.; and Litt, Lloyd C., 4,510,392, Cl. 250-475.200.
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- Littau Harvester, Inc.: *See—*
  - Littau, Eugene G., 4,538,406, Cl. 56-330.000.
- Littauer, Ernest L.: *See—*
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- Littelfuse, Inc.: *See—*
  - Bukala, Alexander E., 4,560,227, Cl. 339-147.00R.
  - Chapin, Howard R.; and Gurley, Arnold E., 4,504,697, Cl. 174-52.00R.
  - Daggett, Charles W., 4,508,412, Cl. 339-126.00R.
  - Kowalik, Joseph W.; and Krueger, David J., 4,533,895, Cl. 337-165.000.
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  - Oh, Seibang, 4,560,971, Cl. 337-164.000.
  - Olson, Harry W.; and Olson, Phillip A., 4,533,897, Cl. 337-408.000.
  - Schaefer, Rudolf K., 4,543,557, Cl. 337-196.000.
- Littenberg, Joseph S.: *See—*
  - Vogel, William M., Jr.; Weingardt, Rolf E.; O'Guin, Waco J.; and Littenberg, Joseph S., 4,530,44[illegible], Cl. 220-354.000.
- Litterer, Heinz: *See—*
  - Arpe, Hans-Jurgen; and Litterer, Heinz, 4,554,380, Cl. 564-424.000.
  - Baltes, Herbert; Litterer, Heinz; Leupold, Ernst I.; and Wunder, Friedrich, 4,522,800, Cl. 423-329.000.
- Litterst, Ralph S. Electric fluid heater having combined heating and flow control mechanism. 4,558,207, 12-10-85, Cl. 219-308.000.
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  - Ilitch, Michael, 4,494,689, Cl. 229-30.000.
- Little, Charles A., III; and Patterson, Raymond B., III, to Medicomp, Inc. Alterable frequency response electrocardiographic amplifier. 4,494,551, 1-22-85, Cl. 128-696.000.
- Little, Charles D., to Ellicott Machine Corporation. Spud support for use in water of excessive depth. 4,547,162, 10-15-85, Cl. 440-36.000.
- Little, David H., to Murray Industries. Metallic profile wire screen for a filter surface. 4,547,288, 10-15-85, Cl. 210-232.000.
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- Little, Edwin D.: *See—*
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- Little Giant Industries, Inc.: *See—*
  - Wing, Harold R., 4,502,566, Cl. 182-214.000.
- Little, Gordon R.: *See—*
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- Little, Ian E.: *See—*
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- Little, Michael J.: *See—*
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- Little, Peter J.: *See—*
  - Morley, Peter; and Little, Peter J., 4,519,706, Cl. 356-319.000.
- Little, Philip V., to Lucas Industries. Key operated security switch to prevent unauthorized use of equipment. 4,553,006, 11-12-85, Cl. 200-43.050.
- Little, Ralph V. Wetting agent injection system. 4,526,234, 7-2-85, Cl. 169-15.000.
- Little, Robert A.: *See—*
  - Shioyama, Tod K.; and Little, Robert A., 4,560,783, Cl. 556-183.000.
- Little, Robert K. Peristaltic pump. 4,522,571, 6-11-85, Cl. 417-476.000.
- Little, Roger G.; and Shanfield, Stanley R., to Spire Corporation. Coating method. 4,526,673, 7-2-85, Cl. 204-192.00E.
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- Little, Thomas R.: *See—*
  - Farag, Samir F.; Allen, Edgar W.; and Little, Thomas R., 4,513,180, Cl. 200-50.00R.
- Little, Victor, Jr.; and Thomas, Charles L., to ASARCO Incorporated. High-velocity gas burners. 4,536,152, 8-20-85, Cl. 431-159.000.
- Little, Warren E.: *See—*
  - Wolaver, Dan H.; and Little, Warren E., 4,547,747, Cl. 331-17.000.
- Little, Wendell L.; and Herold, Barry W., to Motorola, Inc. High speed logic flip-flop latching arrangements including input and feedback pairs of transmission gates. 4,506,167, 3-19-85, Cl. 307-279.000.
- Little, William D. Variable magnification stage light. 4,519,020, 5-21-85, Cl. 362-268.000.
- Little, William M., Jr.: *See—*
  - Withers, Stanley J.; Schneiderman, Gary E.; and Little, William M., Jr., 4,524,776, Cl. 128-644.000.
- Little, William R.; and Daniels, Ted M., to Eldec Corporation. Fiber optic position sensor. 4,547,665, 10-15-85, Cl. 250-227.000.
- Littlefield, Bruce G., to Redcom Laboratories Inc. Ring trip detection system. 4,524,245, 6-18-85, Cl. 179-18.0HB.
- Littleford, Philip O. Open curve, atrial "J" electrode. 4,552,157, 11-12-85, Cl. 128-786.000.
- Littlehale, Bradner M. Automatic liquid delivery apparatus. 4,542,762, 9-24-85, Cl. 137-78.300.
- Littleton, Francis J. Thermal adjustment apparatus for rotating machines. 4,527,473, 7-9-85, Cl. 101-220.000.
- Littman, Erwin: *See—*
  - Littman, Erwin J.; and Anderson, Glen L., 4,558,758, Cl. 180-8.100.

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  - Steklenski, David J.; and Littman, Jon E., 4,542,095, Cl. 430-527.000.
- Littmann, Robert J., to Waterscience, Inc. Bleed-off elimination system and method. 4,532,045, 7-30-85, Cl. 210-668.000.
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- Litton Bionetics, Inc.: *See—*
  - Berman, Michael L.; Silhavy, Thomas J.; and Weinstock, George M., 4,503,142, Cl. 435-6.000.
  - Pandey, Ramesh C.; Toussaint, Margaret W.; McGuire, Jeffrey C.; and Thomas, Monica C., 4,501,699, Cl. 260-351.100.
- Litton Industrial Products, Inc.: *See—*
  - Heaston, Gaylord E.; and Farazandeh, Edward A., 4,524,547, Cl. 51-165.770.
  - MacDonald, Daniel J., 4,492,890, Cl. 310-184.000.
  - Shank, William E.; and Bercaw, Kenneth K., 4,519,722, Cl. 403-26.000.
  - Shank, William E., 4,527,357, Cl. 51-105.0SP.
- Litton Resources Systems, Inc.: *See—*
  - Farris, Richard C.; and Diaz, Mario J., 4,503,929, Cl. 181-118.000.
  - McNeel, William O.; and Sackett, James A., 4,505,014, Cl. 29-25.350.
  - McNeel, William O.; and Sackett, James A., 4,532,450, Cl. 310-329.000.
  - Porter, James A., Jr.; Shivers, Joe D.; Rozycki, Marek; and Johnston, Otis, 4,496,015, Cl. 180-9.260.
  - Vallhonrat, Juan B., 4,491,916, Cl. 364-200.000.
  - Williams, Shandton D., 4,526,430, Cl. 339-45.00M.
- Litton Systems, Inc.: *See—*
  - Anderson, Robert H.; Ross, William E.; and Maki, Theodore R., 4,495,492, Cl. 340-783.000.
  - Cox, David L.; Ross, William E.; and Toche, Calvin A., 4,550,389, Cl. 365-37.000.
  - Grzelka, Andrew; Hodges, David R.; and Ruckdeschel, Lawrence M., 4,505,616, Cl. 405-198.000.
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  - Hiramatsu, Yukio, 4,556,854, Cl. 333-34.000.
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- Lo, Wing C.: *See—*
  - Fortino, Placido S.; Haas, Laird K. S.; Hong, Siu-Ping; Lo, Wing C.; and Neupauer, Edward J., 4,558,390, Cl. 361-119.000.
- Lo, Young S.; and Taylor, Chandler R., Jr., to A. H. Robins Company, Incorporated. [2-[(nitropyridinyl)amino]phenyl]arylmethanones in a process for preparing pyrido[1,4]benzodiazepines. 4,518,603, 5-21-85, Cl. 514-352.000.
- Lo, Young S., to A. H. Robins Company, Incorporated. Process and intermediates for the preparation of aryl substituted pyrido[1,4]benzodiazepines. 4,560,510, 12-24-85, Cl. 260-244.400.
- Lo, Young S.: *See—*
  - Taylor, Chandler R., Jr.; and Lo, Young S., 4,558,132, Cl. 546-262.000.
- Lo, Yuan-Chang, to International Business Machines Corporation. Multiple access data communication system. 4,539,677, 9-3-85, Cl. 370-85.000.
- Loar, Gary W.: *See—*
  - Beach, Sidney C.; and Loar, Gary W., 4,559,269, Cl. 428-403.000.
- Lob, James P., to Deere & Company. Center distance measuring tool. 4,506,447, 3-26-85, Cl. 33-181.00R.
- Lobach, Ernst: *See—*
  - Mayer, Herbert; and Lobach, Ernst, 4,540,277, Cl. 355-53.000.
- Lobach, Ernst W.: *See—*
  - Tabarelli, Werner; and Lobach, Ernst W., 4,509,852, Cl. 355-30.000.
- Loban, Gillian. Fiber craft holder. 4,548,391, 10-22-85, Cl. 269-47.000.
- Lobanoff, Mark: *See—*
  - White, James E.; Lobanoff, Mark; and Harris, Robert A., 4,502,674, Cl. 296-37.160.
- Lobanov, Nikolai A.: *See—*
  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
- Lobas, Igor P.: *See—*
  - Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.
- Lobdell, George H. Work holding stackable step stool. 4,537,282, 8-27-85, Cl. 182-46.000.
- Lobdell, Wallace A.: *See—*
  - Cummins, William T.; and Lobdell, Wallace A., 4,546,807, Cl. 152-41.000.
- Lobe, Hartwig, to Bayerische Motoren Werke AG. Fuse and distribution arrangement box for motor vehicles. 4,555,638, 11-26-85, Cl. 307-10.00R.
- Loblaw Companies Limited: *See—*
  - Davidson, Brian Y., 4,529,871, Cl. 235-383.000.
- Loblaw, James C.; and Lussier, Barbara B., to Eastman Kodak Company. Halftone imaging silver halide emulsions, photographic elements, and processes which employ novel arylhydrazides. 4,560,638, 12-24-85, Cl. 430-264.000.
- Loblich, Karl-Richard, to Kali und Salz AG. Process for the production of potassium magnesium phosphate. 4,496,526, 1-29-85, Cl. 423-306.000.
- Loblich, Karl-Richard, to Kali und Salz AG. Method of producing potassium magnesium phosphate. 4,536,376, 8-20-85, Cl. 423-306.000.
- Lobo, Brian J., to Stauffer Chemical Company. Process for the formation of dialkyl phosphorochloridothionates. 4,507,252, 3-26-85, Cl. 260-986.000.
- Lobo, Claude; and Burger, Peter, to Ford Motor Company. Draft deflectors for motor cars. 4,538,852, 9-3-85, Cl. 296-91.000.
- LoBosco, Sam S.: *See—*
  - Heggeland, Bruce; Garcia, George; and LoBosco, Sam S., 4,491,231, Cl. 220-6.000.
- Lobregt, Steven: *See—*
  - Op de Beek, Johannes C. A.; and Lobregt, Steven, 4,555,760, Cl. 364-414.000.
- Lobrovich, Steve. Pivotal cue support. 4,502,683, 3-5-85, Cl. 273-23.000.
- Lobsinger, James L.: *See—*
  - Aleem, Mohd A.; Lobsinger, James L.; and Wefel, Jerry D., 4,510,679, Cl. 29-598.000.
- Locacius, Robert F., to Felt Products Mfg. Co. Gasket assembly having a sealing member suspended in a clear-through opening and method of making same. 4,535,999, 8-20-85, Cl. 277-235.00B.
- Locatelli, Claudio; and Dragagna, Claudio, to F.lli Marzoli & C. S.p.A. Device for control of conductive materials in bale-breaker machines. 4,510,646, 4-16-85, Cl. 19-80.00R.
- Locatelli, Claudio: *See—*
  - Dragagna, Claudio; and Locatelli, Claudio, 4,493,131, Cl. 19-80.00R.
  - Dragagna, Claudio; and Locatelli, Claudio, 4,493,132, Cl. 19-106.00R.
- Locatelli, Jean L.; and Rollet, Bernard, to Rhone-Poulenc Industries. Imido copolymers. 4,518,754, 5-21-85, Cl. 526-262.000.
- Locatelli, Jean L.; and Rollet, Bernard, to Rhone-Poulenc Industries. Imido copolymers. 4,518,755, 5-21-85, Cl. 526-262.000.
- Locati, Ronald P.; and Rickrode, James A., to AMP Incorporated. Connector centering device and method for using. 4,509,258, 4-9-85, Cl. 29-876.000.
- Location Sample Service, Inc.: *See—*
  - Edwards, Bruce K., 4,512,186, Cl. 73-151.500.
- Loch, David M.; and Henkes, Dale D., to Boeing Company, The. Automated alternating polarity direct current pulse electrolytic processing of metals. 4,517,059, 5-14-85, Cl. 204-14.100.
- Loch, Karl: *See—*
  - Haacke, Harri; and Loch, Karl, 4,516,429, Cl. 73-638.000.
- Loch, Werner: *See—*
  - Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, 4,542,173, Cl. 523-414.000.
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  - Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, 4,557,814, Cl. 204-181.700.
- Locher & Cie AGZZ: *See—*
  - Schmid, Walter A.; and Bertschinger, Hans, 4,557,627, Cl. 405-146.000.
- Locher, Engelbert: *See—*
  - Hartmann, Ludwig; Ruzek, Ivo; and Locher, Engelbert, 4,496,508, Cl. 264-167.000.

Locher, Hermann, to Giroflex Entwicklungs AG. Chair, especially a reclining chair. 4,502,729, 3-5-85, Cl. 297-301.000.
Locher, Johannes; and Schaller, Dieter, to Robert Bosch GmbH. Regulating device for an electromagnetic control element, especially in an internal combustion engine with auto-ignition. 4,499,412, 2-12-85, Cl. 318-592.000.
Locher, Johannes; and Schmidt, Wolfgang, to Robert Bosch GmbH. Polarity and overload protective circuit for electric consumers. 4,520,419, 5-28-85, Cl. 361-104.000.
Locher, Johannes: *See—*
  Arnold, Winfried; Locher, Johannes; and Schelling, Bernd, 4,492,913, Cl. 323-282.000.
  Fischer, Werner; Flaig, Ulrich; Hettich, Gerhard; and Locher, Johannes, 4,527,121, Cl. 324-207.000.
  Fischer, Werner; Flaig, Ulrich; and Locher, Johannes, 4,534,328, Cl. 123-359.000.
  Flaig, Ulrich; Fischer, Werner; Locher, Johannes; and Schmidt, Wolfgang, 4,541,271, Cl. 73-117.300.
  Kniss, Helmut; and Locher, Johannes, 4,556,039, Cl. 123-569.000.
Lochhead, Robert Y., Jr.: *See—*
  George, Thomas R., Jr.; and Lochhead, Robert Y., Jr., 4,536,528, Cl. 524-313.000.
Lochner, Kaspar; Schurmann, Helmut; and Brand, Erich, to Schiedel GmbH & Co. Pasty damping medium method for preparing and using same. 4,518,513, 5-21-85, Cl. 252-62.000.
Lochon, Henri: *See—*
  Bourgeois, Serge; Carle, Jean-Franqois; Lochon, Henri; and Trotin, Jean-Pierre, 4,516,525, Cl. 118-688.000.
Lochow, Charles F., Jr.: *See—*
  Beck, H. Wayne; Lochow, Charles F., Jr.; and Nibert, Charles W., 4,515,683, Cl. 208-113.000.
Lock, Brian E.: *See—*
  Prusak, John J.; Lock, Brian E.; and Thorn, Joseph H., 4,503,806, Cl. 118-712.000.
Lock, Charles R.: *See—*
  Langmesser, Otto J., Jr.; Lock, Charles R.; and Wood, James C., 4,556,186, Cl. 248-429.000.
Lock Jaws, Inc.: *See—*
  Ferraro, Thomas A., 4,556,228, Cl. 279-1.0SJ.
  Ferraro, Thomas A., 4,561,663, Cl. 279-123.000.
Lock, Michele R.: *See—*
  Falardeau, Edward R.; Frisch, Kurt C., Jr.; and Lock, Michele R., 4,507,410, Cl. 523-211.000.
Lock, Pieter J., to Rubber-En Kunststoffabriek Enbi. Method of producing a packing ring. 4,510,664, 4-16-85, Cl. 29-450.000.
Lockard, L.: *See—*
  Long, Ballard E., 4,539,923, Cl. 112-224.000.
Lockard, Walter G.; Patel, Nathalal G.; and Boris, Allen J., to Invacare Corporation. Invalid's chair to facilitate transfer to an automobile. 4,555,121, 11-26-85, Cl. 280-30.000.
Lockard, Walter G.: *See—*
  Haury, Gilbert E.; Patel, Nathalal G.; Lockard, Walter G.; and Wiatrak, Thomas R., 4,500,102, Cl. 280-242.0WC.
Locke, Frank W., to Champion International Corporation. Unitary cellular partition for containers. 4,534,504, 8-13-85, Cl. 229-15.000.
Lockerby, W. Lee; and Guglielmo, Alfred R. Apparatus and method for processing crabs. 4,503,586, 3-12-85, Cl. 17-48.000.
Lockery, Harry E., to Hottinger Baldwin Measurements, Inc. Gaged plate transducer weighing apparatus. 4,506,746, 3-26-85, Cl. 177-211.000.
Lockery, Harry E.; and Freymiller, Edward, to Hottinger Baldwin Measurements, Inc. Method and means for equalizing the measuring sensitivity of a plurality of strain gage transducers. 4,556,115, 12-3-85, Cl. 177-211.000.
Lockett, William, III; and Oliver, Edward D., to Lockett, William, III. Infant seating and lounge unit. 4,553,786, 11-19-85, Cl. 297-440.000.
Lockhart, Billy J. Combination hay hauler and stock trailer. 4,537,548, 8-27-85, Cl. 414-24.500.
Lockhart, Bobby: *See—*
  Molloy, Michael P., 4,554,758, Cl. 43-61.000.
Lockhart, David L.: *See—*
  Elrick, Edwin, 4,544,079, Cl. 220-277.000.
Lockhart, Gordon B., to National Research Development Corporation. Simultaneous amplitude and angle modulation using detection of complex zeroes. 4,521,749, 6-4-85, Cl. 332-17.000.
Lockhart, Thomas P., to General Electric Company. One package, stable, moisture curable, alkoxy-terminated organopolysiloxane compositions. 4,499,229, 2-12-85, Cl. 524-450.000.
Lockhart, Thomas P., to General Electric Company. One package, stable, moisture curable, alkoxy-terminated organopolysiloxane compositions containing a zeolite. 4,499,230, 2-12-85, Cl. 524-450.000.
Lockhart, Thomas P.; and Wengrovius, Jeffrey H., to General Electric Company. Room temperature vulcanizable organopolysiloxane compositions and method for making. 4,517,337, 5-14-85, Cl. 524-859.000.
Lockhart, William E. Report cover and method of making. 4,548,426, 10-22-85, Cl. 281-29.000.
Lockheed Corporation: *See—*
  Barish, Herman B., 4,556,347, Cl. 408-230.000.
  Boyd, James A., 4,542,868, Cl. 244-198.000.
  Bradley, Robert E.; and Keithler, William R., 4,515,919, Cl. 524-591.000.
  Bruensicke, Wilhelm A., 4,552,325, Cl. 244-118.500.
  Brunsicke, Wilhelm A., 4,531,588, Cl. 169-9.000.
  Cronin, Michael J., 4,493,146, Cl. 29-857.000.
  Cronin, Michael J., 4,494,372, Cl. 60-39.070.
  Cronin, Michael J., 4,498,119, Cl. 361-386.000.
  Cronin, Michael J., 4,523,517, Cl. 98-1.500.
  Cronin, Michael J.; and Hamra, Victor W., 4,526,432, Cl. 339-75.00M.
  Cronin, Michael J., 4,530,271, Cl. 91-509.000.
  Cronin, Michael J., 4,546,939, Cl. 244-118.500.
  DeLuca, Frank T.; and Dobson, Gordon A., 4,498,648, Cl. 244-118.300.
  Drapala, Thaddeus R.; and Zaman, Mohammad K., 4,545,077, Cl. 455-612.000.
  Frink, Attila; and Morrison, Robert A., 4,517,625, Cl. 361-399.000.
  Fritz, Harold B., 4,531,406, Cl. 73-290.00V.
  Hartog, Jan J.; Bellin, Jack L.; Knollman, Gilbert C.; and Jonath, Arthur D., 4,538,462, Cl. 73-577.000.
  Janssen, Caleb E., 4,512,219, Cl. 81-121.100.
  Jorgensen, Bernard J., 4,553,721, Cl. 244-213.000.
  Levine, Harold H.; Kavaloski, Peter P.; and Hale, Thomas K., 4,559,939, Cl. 128-201.280.
  McInturff, Joe A.; and Patterson, David W., 4,509,367, Cl. 73-457.000.
  Miller, Robert N.; and Smith, Richard L., 4,542,183, Cl. 524-714.000.
  Morrison, Robert A.; and Frink, Attila, 4,493,010, Cl. 361-385.000.
  Morrison, Robert A., 4,518,210, Cl. 339-17.0LM.
  Rogers, Philip L., 4,506,979, Cl. 356-28.500.
  Sanders, Richard L., 4,501,176, Cl. 81-470.000.
  Sandorff, Paul E., 4,501,398, Cl. 244-134.00R.
  Schuster, John H., 4,544,117, Cl. 244-210.000.
  Simpson, William E., Jr., 4,503,886, Cl. 137-596.000.
  Sullivan, Paul E.; and Peppel, George W., 4,515,399, Cl. 285-95.000.
  Zsolnay, Andrew; Perkins, Kelly M.; and Blad, Leiv H., 4,496,697, Cl. 526-60.000.
Lockheed Electronics Co., Inc.: *See—*
  Barletta, Joseph M.; and Yang, John P., 4,525,713, Cl. 340-825.540.
  Csengery, Ladislao C., 4,502,142, Cl. 371-55.000.
  Dow, John, Jr.; Oetting, William A.; and Yessian, Richard J., 4,550,859, Cl. 222-26.000.
  Yang, John P., 4,497,060, Cl. 375-22.000.
  Yessian, Richard J.; and Oetting, William A., 4,522,351, Cl. 242-189.000.
Lockheed Missiles & Space Company, Inc.: *See—*
  Bizzell, Gary D.; and Ekern, William F., 4,492,266, Cl. 165-104.260.
  Bizzell, Gary D., 4,520,865, Cl. 165-104.260.
  Galbraith, Andrew D., 4,500,613, Cl. 429-69.000.
  Galbraith, Andrew D., 4,528,248, Cl. 429-8.000.
  Galbraith, Andrew D., 4,528,249, Cl. 429-15.000.
  Levy, Donald J., 4,549,187, Cl. 343-897.000.
  Lindgren, Matts J.; and Culp, Murl F., 4,524,930, Cl. 244-152.000.
  Luce, Robert S.; and Quinn, Ross A., 4,506,226, Cl. 324-459.000.
  Luce, Robert S.; Quinn, Ross A.; and Rowley, Leroy S., 4,519,710, Cl. 356-411.000.
  Maple, T. Grant, 4,540,914, Cl. 313-466.000.
  Momyer, William R.; and Littauer, Ernest L., 4,514,474, Cl. 429-27.000.
  Schmidt, Terrence W., 4,552,083, Cl. 114-61.000.
  Schmidt, Terrence W., 4,557,211, Cl. 114-61.000.
  Vidoz, Aldo E.; Crooks, Donald D.; Lewis, Richard E.; Palmer, Ian G.; and Wadsworth, Jeffrey, 4,557,770, Cl. 148-437.000.
  Wenzel, James G.; and Trimble, Lloyd C., 4,497,342, Cl. 137-565.000.
Lockstedt, Alan W.: *See—*
  Vezirian, Edward; Quinones, Richard J.; and Lockstedt, Alan W., 4,499,642, Cl. 29-149.50R.
Lockwood, David G., Sr. Break-away mirror bracket. 4,529,161, 7-16-85, Cl. 248-549.000.
Lockwood, George H., to Anthony Manufacturing Corp. Sequencing valve. 4,492,247, 1-8-85, Cl. 137-119.000.
Lockwood, George S.; and Phillips, John H., to Monterey Abalone Farms. Process for controlling the microbial environment in abalone mariculture. 4,532,883, 8-6-85, Cl. 119-4.000.
Lockwood Graders (U.K.) Limited: *See—*
  Dennis, Timothy J., 4,493,420, Cl. 209-587.000.
Lockwood, John C., to Scripto, Inc. Mechanical pencil with self-tapping propelling nut and the method of producing same and propelling a lead contained therein. 4,505,606, 3-19-85, Cl. 401-55.000.
Lockwood, John C., to Anniston Pump Shop, Inc. Mechanical computer assembly. 4,513,198, 4-23-85, Cl. 235-61.00L.
Lockwood, John J.: *See—*
  Freige, Diab E.; Lockwood, John J.; Ramsay, Michael; and Keely, Leroy B., 4,538,073, Cl. 307-33.000.
Lockwood, Michael. Combination spacer and lifting device for backhoe machinery. 4,495,717, 1-29-85, Cl. 37-117.500.
Lockwood, Michael W. Combination spacer and lifting device for machinery incorporating a bucket. 4,561,199, 12-31-85, Cl. 37-117.500.
Lockwood, Robert C. Strapping assembly and method for the treatment of acromioclavicular separations. 4,491,129, 1-1-85, Cl. 128-94.000.
Lockyear, Kevin W.: *See—*
  Knox, Dick L.; Leuthen, John M.; and Lockyear, Kevin W., 4,491,778, Cl. 318-803.000.
Lockyer, George D., Jr.: *See—*
  Luly, Matthew H.; Lockyer, George D., Jr.; Eibeck, Richard E.; and Gaynor, Joseph, 4,524,119, Cl. 430-108.000.

- Loconsolo, Mauro: *See—*
  - Govoni, Gabriele; Corazzari, Canzio; Di Stefano, Giovanni; and Loconsolo, Mauro, 4,518,750, Cl. 526-68.000.
- Loctite Corporation: *See—*
  - Beers, Melvin D.; and Thompson, James E., 4,514,529, Cl. 523-200.000.
  - Brokaw, Paul, 4,493,436, Cl. 222-80.000.
  - Fabrizio, Louis F.; Lin, Samuel O. S.; and Jacobine, Anthony F., 4,536,265, Cl. 204-159.130.
  - Jacobine, Anthony F.; and Lin, Samuel Q. S., 4,507,187, Cl. 204-159.130.
  - Jacobine, Anthony F., 4,513,127, Cl. 526-194.000.
  - Jialanella, Gary L., 4,526,811, Cl. 427-108.000.
  - Lien, Qcheng S.; and Nakos, Steven T., 4,528,081, Cl. 204-159.130.
  - Lien, Samuel Q. S.; and Nakos, Steven T., 4,504,629, Cl. 525-288.000.
  - Lin, Samuel Q. S.; and Nakos, Steven T., 4,503,208, Cl. 528-15.000.
  - Lin, Samuel Q. S.; and Jacobine, Anthony F., 4,534,838, Cl. 204-159.130.
  - Litke, Alan E., 4,533,422, Cl. 156-307.300.
  - Thompson, Richard T.; Hinkle, Philip; and Carroll, Robert B., 4,550,041, Cl. 428-35.000.
- Loctite (Ireland) Limited: *See—*
  - Conway, Paul; Melody, David P.; Woods, John; Casey, J. Eisirt; Bolger, Bernard J.; and Martin, Francis R., 4,533,446, Cl. 204-159.240.
  - Cooke, Bernard; and Wrobel, Peter, 4,497,916, Cl. 523-176.000.
  - Mulcahy, Kieran, 4,521,453, Cl. 427-140.000.
  - Rooney, John M.; Woods, John; and Conway, Paul, 4,525,232, Cl. 156-273.300.
  - Rooney, John M.; and Conway, Paul, 4,525,553, Cl. 526-120.000.
  - Woods, John; Rooney, John M.; and Harris, Stephen J., 4,543,397, Cl. 525-455.000.
- Loctite Limited: *See—*
  - Harris, Stephen J.; McKervey, M. Anthony; Melody, David P.; Woods, John; and Rooney, John M., 4,556,700, Cl. 526-209.000.
- Loczenski, Martin: *See—*
  - Barnicol-Ottler, Max; Loczenski, Martin; Mieschke, Norbert; Ott, Gerhard; Przybylski, Gerhard; and Weber, Dietmar, 4,538,022, Cl. 174-113.00R.
- Loda, Gary K., to RPC Industries. Hot cathode for broad beam electron gun. 4,499,405, 2-12-85, Cl. 315-13.100.
- Lodec, Inc.: *See—*
  - Hood, Robert B., 4,560,017, Cl. 177-211.000.
- Loder, Rurik K.: *See—*
  - Schmidt, Jimmy Q.; and Loder, Rurik K., 4,542,342, Cl. 324-207.000.
- Lodge, Daniel A.; and Wheeler, Donald D., to Meteor Manufacturing & Machinery Co. Automated pipet plugging machine. 4,523,366, 6-18-85, Cl. 29-564.600.
- Lodge, Philip G.: *See—*
  - Griggs, Colin G.; and Lodge, Philip G., 4,556,744, Cl. 568-487.000.
- Lodge, Robert H.: *See—*
  - Phillips, Ian R.; Reynolds, Mervyn F.; and Lodge, Robert H., 4,530,695, Cl. 604-184.000.
- Lodge & Shipley Company, The: *See—*
  - Coate, William C., 4,497,410, Cl. 211-1.500.
- Lodhia, Amratlal C.: *See—*
  - Konrad, Charles E.; Gareis, Ronald E.; and Lodhia, Amratlal C., 4,500,818, Cl. 318-52.000.
- Lodi, Oliviero; and Armaroli, Gianni, to Sasib S.p.A. Method and device for the feeding of rod-like articles to the hopper of a handling machine. 4,530,633, 7-23-85, Cl. 414-414.000.
- Lodige, Heinrich: *See—*
  - Kochendorfer, Heiurich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, 4,542,678, Cl. 91-6.000.
- Lodwig, Klaus; and Schefers, Friedhelm, to Gebr. Eickhoff Maschinenfabrik und Eisengiesserei m.b.H. Power and liquid supply system for mining machines. 4,514,011, 4-30-85, Cl. 299-42.000.
- Loe, James M.: *See—*
  - Wilson, David H.; and Loe, James M., 4,524,886, Cl. 222-58.000.
- Loeb, Alfred M.: *See—*
  - Folkins, Jeffrey J.; Haque, Shahid; Loeb, Alfred M.; and Till, Henry R., 4,492,179, Cl. 118-689.000.
- Loeb, Marvin P.; and Olson, Arne M., to Biotek, Inc. Wearable medication infusion system with arcuated reservoir. 4,525,164, 6-25-85, Cl. 604-131.000.
- Loeb, Marvin P.: *See—*
  - Goepp, Robert A.; Freese, Uwe E.; and Loeb, Marvin P., 4,517,970, Cl. 128-131.000.
- Loebach, Michael H., to Motter Printing Press Co. Balanced deflection gripper for sheet handling equipment. 4,501,415, 2-26-85, Cl. 270-60.000.
- Loebel, Peter: *See—*
  - Luther, Gunter; Loebel, Peter; Risse, Gerhard; and Leiser, Volker, 4,510,932, Cl. 128-204.290.
- Loebenstein, Gad; and Gera, Abed, to State of Israel, Ministry of Agriculture. Method of preventing virus increase in plants. 4,520,020, 5-28-85, Cl. 424-197.100.
- Loechner, John T.; Kruger, Kurt J.; Nottingham, John R.; and Golembek, Joe M., to Associates Group Partners, The. Self-contained portable oven air circulator. 4,561,416, 12-31-85, Cl. 126-21.00A.
- Loechner, Steven R., to G & L Corporation. Transportable heavy-lift apparatus. 4,502,569, 3-5-85, Cl. 187-17.000.
- Loeding, Neil W.: *See—*
  - Piotrowski, Chester; Loeding, Neil W.; and Warner, Raymond M., Jr., 4,499,515, Cl. 360-113.000.
- Loefberg, Gustaf G., to Wavin B.V. Plastic bag with gusset folds and perforations. 4,491,959, 1-1-85, Cl. 383-103.000.
- Loeffler, Herbert H.: *See—*
  - DeCloux, Richard J.; Loeffler, Herbert H.; MacConkey, James S.; and Yonkers, E. Hubbard, 4,496,147, Cl. 272-130.000.
  - Newman, Richard W.; Connors, John D.; Kugler, Andrew J.; and Loeffler, Herbert H., 4,552,153, Cl. 128-677.000.
- Loeffler, Ronald L.: *See—*
  - Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., 4,545,415, Cl. 152-209.00R.
- Loeffler, Wilfried; Oppelt, Arnulf; and Siebold, Horst, to Siemens Aktiengesellschaft. Nuclear spin tomography method. 4,520,315, 5-28-85, Cl. 324-309.000.
- Loeffler, Wilfried; and Oppelt, Arnulf, to Siemens Aktiengesellschaft. Device for generating images of an object under examination using nuclear magnetic resonance. 4,528,510, 7-9-85, Cl. 324-309.000.
- Loeffler, William P.: *See—*
  - Cath, Pieter G.; Capp, John; and Loeffler, William P., 4,495,558, Cl. 364-563.000.
- Loegstrup, Joergen; and Sparre, Preben C., to A/S Logstrup-Steel. Current connecting device for the establishing of electrical connection between conductors. 4,534,612, 8-13-85, Cl. 339-255.00P.
- Loehrer, Fritz, to Maag Gear-Wheel & Machine Company Limited. Rolling cover means for covering a guideway for a sliding carriage of a machine tool. 4,493,169, 1-15-85, Cl. 51-268.000.
- Loehrer, Fritz: *See—*
  - Blanc, Guy-Francois; and Loehrer, Fritz, 4,535,569, Cl. 51-165.900.
- Loeliger, Peter: *See—*
  - Klaus, Michael; Loeliger, Peter; and Weiser, Harald, 4,535,086, Cl. 514-337.000.
- Loenissen, Karl-Josef: *See—*
  - Hinssen, Hans-Klemens; Katscher, Werner; Loenissen, Karl-Josef; Moormann, Rainer; Seeboth, Heinz; Stauch, Bernhard; and Thelen, Josef, 4,507,267, Cl. 423-4.000.
- Loepfe Brothers Limited: *See—*
  - Stutz, Hansruedi, 4,512,028, Cl. 377-16.000.
  - Stutz, Hansruedi, 4,549,268, Cl. 364-470.000.
- Loeppert, Peter V.: *See—*
  - Busta, Heinz H.; Tsao, Kuey-Yeou; White, Wayne D.; and Loeppert, Peter V., 4,508,613, Cl. 204-418.000.
- Loersch, Joseph F.; and Neal, James W., to United Technologies Corporation. Peened overlay coatings. 4,514,469, 4-30-85, Cl. 428-553.000.
- Loersch, Joseph F.: *See—*
  - Jordan, Lester W.; Loersch, Joseph F.; and Adinolfi, Robert G., 4,532,403, Cl. 219-121.0ED.
- Loesch, Karl G.: *See—*
  - Petermann, Harald; and Loesch, Karl G., 4,519,166, Cl. 51-103.0WH.
- Loesch, Robert P., to AT&T Technologies, Inc. Methods of and apparatus for making retractile cords. 4,551,185, 11-5-85, Cl. 148-150.000.
- Loescher, Michael R., to Therm-O-Disc, Incorporated. Edge-actuated thermostat. 4,492,946, 1-8-85, Cl. 337-365.000.
- Loeser, Cary A.: *See—*
  - Eisenhauer, Roy J.; Loeser, Cary A.; and Goodner, Charles G., Jr., 4,554,822, Cl. 73-61.00R.
- Loeslein, Raymond D.: *See—*
  - Venable, Thomas L.; Robinson, Geoffrey C.; and Loeslein, Raymond D., 4,516,815, Cl. 339-14.00R.
- Loev, Bernard; Jones, Howard; and Suh, John T., to USV Pharmaceutical Corporation. N-(substituted piperazino)-1,4-dihydropyridine-3,5-carboxylic acid. 4,491,582, 1-1-85, Cl. 424-250.000.
- Loev, Bernard; Shroff, James R.; and Desai, Rohit, to USV Pharmaceutical Corporation. Antihypertensive 4[(3-alkylamino-2-hydroxypropyl)-oxyiminomethyl phenyl]-1,4-dihydropyridines. 4,500,527, 2-19-85, Cl. 514-223.000.
- Loev, Bernard; Jones, Howard; and Shroff, James R., to USV Pharmaceutical Corporation. N-substituted 1,4-dihydropyridines and pharmaceutical compositions. 4,500,528, 2-19-85, Cl. 514-228.000.
- Loev, Bernard; Jones, Howard; and Suh, John T., to USV Pharmaceutical Corporation. 1-(substituted aminoalkyl)-1,4-dihydropyridines. 4,500,532, 2-19-85, Cl. 514-256.000.
- Loev, Bernard; Jones, Howard; and Suh, John T., to USV Pharmaceutical Corporation. Certain N-substituted-4-aryl-3,5-pyridine dicarboxylates and their antihypertensive use. 4,505,920, 3-19-85, Cl. 514-341.000.
- Loev, Bernard; Chan, Wan-Kit; and Jones, Howard, to USV Pharmaceutical Corporation. Alpha-alkyl polyolefinic carboxylic acids and derivatives thereof useful in the treatment of psoriasis and allergic responses. 4,505,930, 3-19-85, Cl. 514-529.000.
- Loev, Bernard; Jones, Howard; and Suh, John T., to USV Pharmaceutical Corporation. Antihypertensive N-substituted 1,4-dihydropyridines. 4,520,131, 5-28-85, Cl. 514-156.000.
- Loev, Bernard; and Magnien, Ernest, to USV Pharmaceutical Corporation. Piperazines 1-hexyl-4(3-ketohexyl). 4,523,014, 6-11-85, Cl. 544-386.000.
- Loev, Bernard; Jones, Howard; and Chan, Wan-Kit, to USV Pharmaceutical Corporation. Derivatives of alpha-alkyl polyolefinic carboxylic acid useful in the treatment of psoriasis. 4,523,042, 6-11-85, Cl. 568-824.000.
- Loev, Bernard; Chan, Wan-Kit; and Jones, Howard, to USV Pharmaceutical Corporation. Polyene compounds useful in the treatment of psoriasis and allergic responses. 4,534,979, 8-13-85, Cl. 514-529.000.

Loev, Bernard: *See—*
Brown, Richard E.; St. Georgiev, Vassil; Kropp, Philip; and Loev, Bernard, 4,507,300, Cl. 514-280.000.
Huang, Fu-chih; Jones, Howard; Lin, Clara; and Loev, Bernard, 4,496,541, Cl. 514-2.000.

Loevinger, Richard P. Heated railway tank car. 4,530,288, 7-23-85, Cl. 105-358.000.

Loew, Gunther: *See—*
Scholl, Hans-Joachim; Sachs, Hanns I.; Jabs, Gert; and Loew, Gunther, 4,528,153, Cl. 264-109.000.

Loewe, Heinz: *See—*
Rosner, Manfred; Urbanietz, Josef; Loewe, Heinz; Duwel, Dieter; and Kirsch, Reinhard, 4,504,490, Cl. 514-483.000.

Loewen, Gilbert L.: *See—*
Liefer, Allen C.; Loewen, Gilbert L.; and Magathan, Paul J., 4,557,086, Cl. 52-194.000.

Loewenstein, Paul: *See—*
Heller, Isabelle; and Loewenstein, Paul, 4,560,922, Cl. 324-52.000.

Loewenstern, Kenneth; Clementi, Daniel M.; and Kipp, Glenn, to Ametek, Inc. Pressure transducer. 4,531,416, 7-30-85, Cl. 73-735.000.

Loewenstern, Kenneth M.: *See—*
Maltby, Frederick L.; Loewenstern, Kenneth M.; and Benning, Jack G., Jr., 4,511,948, Cl. 361-280.000.

Loewrigkeit, Peter: *See—*
Dabi, Shmuel; Loewrigkeit, Peter; and Van Dyk, Kenneth A., 4,521,460, Cl. 427-385.500.

LOF Plastics Inc.: *See—*
Guy, Robert R., 4,514,003, Cl. 293-128.000.
Mears, Lawrence N., 4,546,021, Cl. 428-31.000.

LoFaso, Joseph S.; LoFaso, Mardi I.; and Gold, Kenneth R. Beverage receptacle opener. 4,507,988, 4-2-85, Cl. 81-3.090.

LoFaso, Mardi I.: *See—*
LoFaso, Joseph S.; LoFaso, Mardi I.; and Gold, Kenneth R., 4,507,988, Cl. 81-3.090.

Lofberg, Bo. Method and apparatus for marking the information content of an information carrying signal. 4,528,588, 7-9-85, Cl. 358-122.000.

Loffet, Albert: *See—*
Degelaen, Jacques; Loffet, Albert; and Durieux, Jean-Pierre, 4,546,076, Cl. 435-24.000.

Loffler, Gerhard: *See—*
Ott, Hans; Boegli, Rolf; Birch, Ulrich; Kipphan, Helmut; and Loffler, Gerhard, 4,505,589, Cl. 356-402.000.

Loffler, Thomas: *See—*
Heyl, Walter; and Loffler, Thomas, 4,543,876, Cl. 91-506.000.

Lofgren, Stig-Gunnar E.: *See—*
Svensson, Sven A.; Oledal, Bo J. M.; and Lofgren, Stig-Gunnar E., 4,559,986, Cl. 144-208.00B.

Loflin, Carl B.: *See—*
Stubbs, John L.; and Loflin, Carl B., 4,534,296, Cl. 104-8.000.

Loflin, John D.: *See—*
Nelson, Ronald S.; and Loflin, John D., 4,530,778, Cl. 252-500.000.

Lofmark, Bengt G., to Telefonaktiebolaget LM Ericsson. Balancing impedance included in a fork. 4,498,018, 2-5-85, Cl. 307-17.000.

Lofquist, Robert A.; Twilley, Ian C.; and Saunders, Peter R., to Allied Corporation. Nylon comfort fiber containing poly(N,N-dimethylacrylamide). 4,558,097, 12-10-85, Cl. 525-183.000.

Lofstedt, Hakan N.: *See—*
Schuster, John R.; and Lofstedt, Hakan N., 4,529,955, Cl. 335-300.000.

Lofstrand, Warren A., to Cooper Industries, Inc. Dual plunger solenoid device. 4,503,411, 3-5-85, Cl. 335-259.000.

Loftin, Royal E.; and Son, Adelina J., to Halliburton Company. Well drilling and completion fluid composition. 4,536,297, 8-20-85, Cl. 252-8.50C.

Loftin, Royal E.: *See—*
Son, Adelina J.; and Loftin, Royal E., 4,525,285, Cl. 252-8.50M.

Loftus, Frank, to Imperial Chemical Industries PLC. Process for the manufacture of cephalosporin derivatives. 4,497,949, 2-5-85, Cl. 544-27.000.

Loftus, Frank: *See—*
Jung, Frederic H.; Olivier, Annie A.; and Loftus, Frank, 4,547,573, Cl. 544-27.000.

Logan, Andrew H.; and Wagner, Robert A., deceased (by Roireau, Jeanne M., executrix), to Hughes Helicopters, Inc. Landing gear energy distribution and righting system. 4,519,559, 5-28-85, Cl. 244-17.170.

Logan, David J.; Wood, Kenneth O.; Gordon, Thomas A.; and Ladue, John E., to Metromedia, Inc. Ink jet printing system. 4,547,786, 10-15-85, Cl. 346-140.00R.

Logan, Douglas P.: *See—*
Myers, John G.; Logan, Douglas P.; and Walker, Jerry L., 4,512,774, Cl. 44-51.000.

Logan, Emanual L., Jr.; Sommers, Walter M.; and Walsh, J. William, to Reliable Security Systems, Inc. Point-of-egress control device for safely securing emergency exit doors. 4,540,208, 9-10-85, Cl. 292-341.190.

Logan, Francis D., to Camco, Incorporated. Integrally formed side-pocket mandrel. 4,553,310, 11-19-85, Cl. 29-517.000.

Logan, Frank G.; and Johnson, Wilfred V., to U.S. Fire Control Corporation. Pipe joint. 4,491,352, 1-1-85, Cl. 285-373.000.

Logan Industries & Services, Inc.: *See—*
Pikna, Richard G., 4,508,488, Cl. 417-12.000.

Logan, James E.: *See—*
Conley, Richard W.; Tremblay, Richard P.; Bolam, Charles W.; Logan, James E.; and Krueger, David A., 4,511,120, Cl. 251-288.000.

Logan, James H., to General Electric Company. Deflection yoke for small gun-base CRT. 4,556,857, 12-3-85, Cl. 335-210.000.

Logan, John S. B., Jr.: *See—*
Anctil, Stephen N.; Gleason, Robert F.; Hadfield, Don A.; Logan, John S. B., Jr.; and Richardson, Alfred G., 4,538,881, Cl. 350-96.230.

Logan, Max C.; and Nordstrom, Jon T., to Control Data Corporation. Dew point sensitive computer cooling system. 4,512,161, 4-23-85, Cl. 62-176.600.

Logan, Max C.; and Nordstrom, Jon T., to Control Data Corporation. Dew point sensitive computer cooling system. 4,526,011, 7-2-85, Cl. 62-176.100.

Logan, Ralph A.: *See—*
Henry, Charles H.; and Logan, Ralph A., 4,536,940, Cl. 29-569.00L.

Logan, Richard H.: *See—*
Marchi, Gary C.; and Logan, Richard H., 4,522,109, Cl. 91-420.000.

Logan, Robert C.; and Bierley, Howard L. Exercise device. 4,529,196, 7-16-85, Cl. 272-116.000.

Logan, Russell H.; and Poradish, Frank J., to Texas Instruments Incorporated. Method and apparatus for enhancing radiometric imaging. 4,521,861, 6-4-85, Cl. 364-517.000.

Logan, Russell J.; and Glass, Arthur J., to Kennecott Corporation. Edge trimming and scrap disposal system. 4,501,177, 2-26-85, Cl. 83-105.000.

Logan, Shawn M., to AT&T Bell Laboratories. Track and hold circuit 4,518,921, 5-21-85, Cl. 328-151.000.

Logan, Thomas D.; and Wedell, David A., to AMP Incorporated. Continuous strip of jumper cable assemblies. 4,541,677, 9-17-85, Cl. 339-17.00F.

Logan, Thomas L., to Rockwell International Corporation. Newspaper fold roller. 4,530,690, 7-23-85, Cl. 493-442.000.

LogE/Dunn Instruments, Inc.: *See—*
Haddick, David H., 4,530,011, Cl. 358-244.000.

Loge, Olaf: *See—*
Skuballa, Werner; Raduechel, Bernd; Schwarz, Norbert; Vorbrueggen, Helmut; Elger, Walter; Loge, Olaf; and Town, Michael-Harold, 4,560,786, Cl. 560-55.000.

Logel, Bernard; and Koehl, Robert, to De Dietrich & Cie. Domestic electric cooking oven. 4,535,226, 8-13-85, Cl. 219-400.000.

Logic Controls Corp.: *See—*
Norwood, William L., 4,532,952, Cl. 137-240.000.

Logic Devices, Inc.: *See—*
Allen, Paul E., 4,507,056, Cl. 417-54.000.

Logie, Frank M.; and Phillips, Ronald, to Lucas Industries Public Limited Company. Electromagnetic devices. 4,504,810, 3-12-85, Cl. 335-261.000.

Logie, Frank M., to Lucas Industries Public Limited Company. Core structure for electromagnetic devices. 4,553,121, 11-12-85, Cl. 335-261.000.

Login, Robert B.; Walele, Ismail L.; and Otterson, Richard J., to Jordan Chemical Company. Process for the production of fatty acid esters of hydroxyalkyl sulfonate salts. 4,515,721, 5-7-85, Cl. 260-400.000.

Lognion, Leon. Anal excretion collecting rectal catheter. 4,496,356, 1-29-85, Cl. 604-328.000.

Logothetis, Eleftherios M.; and Kaiser, William J., to Ford Motor Company. Method of making a titanium dioxide oxygen sensor element with fast transient response. 4,536,241, 8-20-85, Cl. 156-89.000.

Logothetis, Eleftherios M.: *See—*
Kaiser, William J.; and Logothetis, Eleftherios M., 4,504,522, Cl. 427-103.000.

Logothetis, Emanuel N., to Kahle Engineering Company. Glass dose syringe. 4,521,237, 6-4-85, Cl. 65-42.000.

Logsdon, Bill C.: *See—*
Hanna, Thomas J.; Logsdon, Bill C.; and Meredith, Elmer E., 4,510,710, Cl. 43-42.130.

Logsdon, Duane D. Drain grate with adjustable weirs. 4,525,273, 6-25-85, Cl. 210-164.000.

Logsdon, Gary L.: *See—*
Bolton, Brent C.; Logsdon, Gary L.; Hagenmaier, Carl F., Jr.; and Wilson, Jesse R., 4,498,133, Cl. 364-200.000.
Hagenmaier, Carl F., Jr.; Logsdon, Gary L.; Bolton, Brent C., and Miner, Robert L., Jr., 4,502,118, Cl. 364-200.000.

Logstrup, Jorgen; and Sparre, Preben C., to A/S Logstrup-Steel. Rail insulator for the securing of a conductor rail on a rail support. 4,559,413, 12-17-85, Cl. 174-163.00R.

Logtens, Jozef P. M., to Xerox Corporation. Active clinchers and wire stitchers incorporating same. 4,546,910, 10-15-85, Cl. 227-155.000.

Logue, Adrian R. J. Bottle stoppers or closures. 4,558,795, 12-17-85, Cl. 215-260.000.

Logue, DeWitt M. Retriever and dispenser for deformable balls. 4,522,438, 6-11-85, Cl. 294-19.200.

Logue, John E.; and Worthington, Samuel M., to Crankshaft Machine Company. Universal single spindle pin crankshaft lathe. 4,528,876, 7-16-85, Cl. 82-9.000.

Logullo, Francis M., Sr.: *See—*
Carney, Thomas E.; Champion, Allan R.; and Logullo, Francis M., Sr., 4,515,636, Cl. 106-90.000.
Irwin, Robert S.; and Logullo, Francis M., Sr., 4,500,699, Cl. 528-128.000.

Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.;

and Berdiev, Oleg S. Casting-by-squeezing mold. 4,519,437, 5-28-85, Cl. 164-284.000.
Loh, Dieter: *See*—
  Gerlach, Klaus; Lange, Wolfgang; and Loh, Dieter, 4,549,969, Cl. 210-759.000.
Loh, William, to Chevron Research Company. 5-O-acyl-5-C-alkyl-3-O-arylmethyl or substituted arylmethyl-1,2-O-alkylidene-αD-glucopentofuranose and β-L-ido-pentofuranose herbicides. 4,497,649, 2-5-85, Cl. 71-88.000.
Loh, William, to Chevron Research Company. 5-deoxy-3-O-thienylmethyl or furylmethyl-1,2-O-alkylidene-alpha-D-xylofuranose herbicide derivatives. 4,515,618, 5-7-85, Cl. 71-88.000.
Loh, William, to Chevron Research Company. 5-C-alkyl-3-O-arylmethyl or substituted arylmethyl-1,2-O-alkylidene-α-D-xylo-pentodialofuranose herbicide derivatives. 4,521,240, 6-4-85, Cl. 71-88.000.
Loh, William, to Chevron Research Company. Herbicidal 5-deoxy-3-O-arylmethyl or substituted arylmethyl-1,2-O-ethylene-alpha-D-xylofuranose derivatives. 4,534,785, 8-13-85, Cl. 71-88.000.
Loh, William, to Chevron Research Company. 5-deoxy-3-O-arylmethyl or substituted arylmethyl-1,2-O-substituted-alkylidene-alpha-D-xylofuranose herbicide derivatives. 4,554,010, 11-19-85, Cl. 71-88.000.
Loh, William, to Chevron Research Company. Herbicidal 2S-(2β,4β,5β)-5-arylmethoxy-4-substituted 2-alkyl-1,3-dioxane derivatives. 4,554,011, 11-19-85, Cl. 71-88.000.
Lohmann Apparatebau GmbH: *See*—
  Holter, Walter, 4,541,361, Cl. 119-51.00R.
Lohmann GmbH & Co. KG: *See*—
  Barth, Peter, 4,494,967, Cl. 55-74.000.
  Gockel, Karl-Heinz; Anhauser, Dieter; Hoffmann, Hans R.; and Reinhold, Karl-Heinz, 4,524,095, Cl. 428-43.000.
Lohmeijer, Johannes H. G. M., to General Electric Company. Light stable thermoplastic polyphenylene ether resin compositions comprising purple anthrapyridone dye or yellow quinophtalone dye. 4,493,915, 1-15-85, Cl. 524-87.000.
Lohmeijer, Johannes H. G. M., to General Electric Company. Polyphenylene ether resin compositions. 4,529,761, 7-16-85, Cl. 524-157.000.
Lohmeijer, Johannes H. G. M., to General Electric Company. Antistatic polyphenylene ether compositions. 4,551,494, 11-5-85, Cl. 524-89.000.
Lohn, Gerd, to Kaltenbach & Voigt GmbH & Co. Dental handpiece set. 4,504,227, 3-12-85, Cl. 433-131.000.
Lohn, Gerd, to Kaltenbach & Voigt GmbH & Co. Dental handpiece. 4,515,564, 5-7-85, Cl. 433-126.000.
Lohner, Manfred: *See*—
  Gruber, Klaus; Lohner, Manfred; Posselt, Klaus; and Wagener, Hans H., 4,555,524, Cl. 514-570.000.
Lohnes, Robert A.: *See*—
  Smith, David L. O.; and Lohnes, Robert A., 4,502,338, Cl. 73-819.000.
Lohr & Bromkamp GmbH: *See*—
  Welschof, Hans-Heinrich; and Beier, Rudolf, 4,493,388, Cl. 180-258.000.
Lohr, Heinz P., to Lindauer Dornier Gesellschaft mbH. Electrical system for monitoring warp yarns in weaving machines. 4,522,236, 6-11-85, Cl. 139-353.000.
Lohr, John R.: *See*—
  Fenton, Edward A., Jr.; Lakin, Ira W.; Stein, Joseph H.; Lohr, John R.; and Schreiber, David A., 4,501,539, Cl. 425-84.000.
Lohr, Josef P.: *See*—
  Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., 4,504,479, Cl. 514-252.000.
  Lautenschlager, Hans-Heiner; Hilboll, Gerd; Friehe, Hugo; and Lohr, Josef P., 4,507,298, Cl. 514-247.000.
Lohr, Karl-Heinz: *See*—
  Meller, Theo; Knecht, Heinz; Kohberg, Ewald; and Lohr, Karl-Heinz, 4,502,672, Cl. 267-64.170.
Lohr, Raymond J. Magnetic spinner. 4,531,923, 7-30-85, Cl. 446-138.000.
Lohr, Thomas E., to Allen Industries, Inc. Vehicle seat construction and method of making the same. 4,492,408, 1-8-85, Cl. 297-344.000.
Lohraff, Larry G.: *See*—
  Gaiser, Robert F.; and Lohraff, Larry G., 4,527,395, Cl. 60-562.000.
  Hendrickson, Richard T.; and Lohraff, Larry G., 4,531,370, Cl. 60-554.000.
Lohrbaecher, Volker: *See*—
  Jung, Norbert; Lindner, Edmund; and Lohrbaecher, Volker, 4,526,286, Cl. 220-22.000.
Lohrberg, Karl; Kohl, Peter; and Haas, Gunter, to Metallgesellschaft Aktiengesellschaft. Electrolytic cell having a membrane and vertical electrodes. 4,502,935, 3-5-85, Cl. 204-253.000.
Lohrey, Cecil R.: *See*—
  Fullenkamp, Eugene H.; and Lohrey, Cecil R., 4,523,683, Cl. 211-190.000.
Lohrey, Edwin J.; and Cho, Timothy C., to General Electric Company. Mounting structure and related method both for a multi-filament incandescent lamp. 4,556,822, 12-3-85, Cl. 315-67.000.
Lohse, Friedrich; and Zondler, Helmut, to Ciba-Geigy Corporation. Process for the preparation of isomelamines. 4,499,268, 2-12-85, Cl. 544-196.000.
Lohse, Friedrich; and Zondler, Helmut, to Ciba-Geigy Corporation. Curable mixtures containing epoxy resins and isomelamines. 4,537,946, 8-27-85, Cl. 528-118.000.
Lohse, Friedrich: *See*—
  Stockinger, Friedrich; Lohse, Friedrich; and Moser, Roland, 4,529,821, Cl. 564-105.000.
  Stockinger, Friedrich; Lohse, Friedrich; and Zondler, Helmut, 4,550,203, Cl. 564-105.000.
Lohse, Karl-Heinz, to Lohse, Karl-Heinz. Method of taking angiographs. 4,520,829, 6-4-85, Cl. 128-654.000.
Loibner, Hans; Streicher, Wolfgang; and Stutz, Peter, to Sandoz Ltd. 1-nitro-aminoglycoside derivatives, pharmaceutical compositions containing them and such derivatives for use as pharmaceuticals. 4,503,046, 3-5-85, Cl. 514-40.000.
Loichinger, Fred A.; and Thomson, Meredith C. Process vat cutting and stirring mechanism. 4,501,196, 2-26-85, Cl. 99-461.000.
Loida, Andreas: *See*—
  Dippel, Theodor; and Loida, Andreas, 4,534,893, Cl. 252-629.000.
Loisel, Paul. Carousel and train for amusement parks. 4,512,257, 4-23-85, Cl. 104-53.000.
Loisy, Jean M.; and Menioux, Claude C. F., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Propulsion engine, particularly for supersonic aircraft. 4,519,208, 5-28-85, Cl. 60-262.000.
Loitiere, Alain: *See*—
  Buisson, Jacques; and Loitiere, Alain, 4,507,620, Cl. 330-307.000.
Loitzl, Ruzica: *See*—
  Hutchings, Ron; Loitzl, Ruzica; and Muller, Klaus, 4,513,102, Cl. 502-325.000.
Loizeau, Pierre, to Valeo. Torsional dampers. 4,496,036, 1-29-85, Cl. 192-106.200.
Loizeau, Pierre, to Valeo. Torsional dampers. 4,537,298, 8-27-85, Cl. 192-106.200.
Loizeau, Pierre, to Valeo. Torsional damper device. 4,537,579, 8-27-85, Cl. 464-68.000.
Loizeau, Pierre; and Caray, Andre, to Valeo. Torsional damper device. 4,537,580, 8-27-85, Cl. 464-68.000.
Loizeau, Pierre, to Valeo. Torsional damper. 4,547,176, 10-15-85, Cl. 464-68.000.
Loizeau, Pierre, to Valeo. Torsion dampers. 4,549,642, 10-29-85, Cl. 192-106.200.
Loizeau, Pierre, to Valeo. Torsion damping device. 4,556,135, 12-3-85, Cl. 192-106.200.
Loizeau, Pierre, to Valeo. Torsional damper. 4,560,366, 12-24-85, Cl. 464-68.000.
Lojko, Jozef; and Miller, Richard L., to Lojko, Jozef. Jogger speedometer and odometer. 4,495,813, 1-29-85, Cl. 73-490.000.
Lok, Brent M.: *See*—
  Garska, Daniel C.; and Lok, Brent M., 4,499,315, Cl. 585-415.000.
  Messina, Celeste A.; Lok, Brent M.; and Flanigen, Edith M., 4,554,143, Cl. 423-306.000.
Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., to Union Carbide Corporation. Titanium-containing molecular sieves. 4,500,651, 2-19-85, Cl. 502-208.000.
Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., to Union Carbide Corporation. Conversion processes with titanium-containing molecular sieves. 4,551,236, 11-5-85, Cl. 208-112.000.
Lok, Kar P.; and Ober, Christopher K., to Xerox Corporation. Stable polymeric dispersion and methods for making. 4,524,199, 6-18-85, Cl. 527-313.000.
Loktionova, Lidia Y.: *See*—
  Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
Lolachi, Houshang; Mathieu, Bernd; and Weber, Wolfram, to Fresenius AG. Centrifugal apparatus. 4,540,397, 9-10-85, Cl. 494-84.000.
Lolic, Srboslav, to Grote & Hartmann GmbH & Co. KG. Double flat spring contact provided with an over-spring. 4,540,235, 9-10-85, Cl. 339-259.00F.
Lollar, Harvey N., Sr., to Kerr-McGee Chemical Corporation. Nailer for nailing at least one nail plate to a member. 4,504,006, 3-12-85, Cl. 227-152.000.
Lolly, Richard W. Jet propulsion system for boats. 4,549,868, 10-29-85, Cl. 440-42.000.
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  Farley, Donald V., 4,497,349, Cl. 141-19.000.
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Lomax, Ronald W., to International Standard Electric Corporation. Electrical contact units. 4,535,312, 8-13-85, Cl. 335-196.000.
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Lombard, Robert W. Coin counting and wrapping device. 4,492,243, 1-8-85, Cl. 133-8.00A.
Lombardi, Claudio, to Fiat Auto S.p.A. Supercharged internal combustion engine with a cylinder head having four valves per cylinder. 4,538,574, 9-3-85, Cl. 123-432.000.
Lombardi, Edward J., to Kontron Incorporated. Fetal electrode apparatus. 4,501,276, 2-26-85, Cl. 128-642.000.
Lombardi, Gerald T.: *See*—
  Getz, Edward J.; and Lombardi, Gerald T., 4,498,580, Cl. 206-418.000.

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- Lombardino, Joseph G.; and Harbert, Charles A., to Pfizer Inc. Method of regulating the immune response with pyridine derivatives. 4,500,535, 2-19-85, Cl. 514-277.000.
- Lombardino, Joseph G.; and Harbert, Charles A., to Pfizer Inc. Certain 4-(2-hydroxyethylthiomethyl)pyridines and derivatives thereof having immunoregulatory activity. 4,535,084, 8-13-85, Cl. 514-277.000.
- Lombardino, Joseph G.: *See—*
  - Crawford, Thomas C.; Keely, Stanley L.; Larson, David L.; Lombardino, Joseph G.; and Maciejko, James J., 4,559,326, Cl. 514-23.000.
- Lombardo, Anthony. Convertible table, chair, and bed combination. 4,506,927, 3-26-85, Cl. 297-118.000.
- Lombardo, Ralph M., Jr.: *See—*
  - Bruce, Kenneth E.; Lombardo, Ralph M., Jr.; Tarbox, Bruce H.; and Conway, John W., 4,521,848, Cl. 364-200.000.
- Lommerzheim, Werner: *See—*
  - Flockenhaus, Claus; Hackler, Erich; and Lommerzheim, Werner, 4,539,016, Cl. 48-197.00R.
- LoMonte, Anthony F.: *See—*
  - Vartsky, David; Wielopolski, Lucian; LoMonte, Anthony F.; Ellis, Kenneth J.; and Cohn, Stanton H., 4,556,068, Cl. 128-719.000.
- Lompa-Krzymien, Ludmila, to Canadian Patents & Development Limited. Sulfur removal from coal. 4,491,454, 1-1-85, Cl. 44-1.0SR.
- Lonardi, Emile: *See—*
  - Legille, Edouard; Mailliet, Pierre; and Lonardi, Emile, 4,514,129, Cl. 414-200.000.
  - Legille, Edouard; and Lonardi, Emile, 4,559,839, Cl. 74-88.000.
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- Lonati, Francesco, to Lonati S.p.A. Circular knitting machine incorporating a device for renewing a needle selection at at least one yarn feed. 4,538,431, 9-3-85, Cl. 66-224.000.
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  - Lonati, Francesco, 4,516,410, Cl. 66-14.000.
  - Lonati, Francesco, 4,538,431, Cl. 66-224.000.
- Lonchamp, Daniel; Hoai, Vong N.; and Navarre, Francois-Pierre, to Institut Francais du Petrole. Process for manufacturing solid fuels from heavy hydrocarbon oils and vegetable materials. 4,548,615, 10-22-85, Cl. 44-1.00D.
- Loncrini, Donald F.; Haag, Thomas E.; and Freebersyser, Steven R., to Mallinckrodt, Inc. Compositions of p-hydroxybenzoic acid esters and methods of preparation and use. 4,496,576, 1-29-85, Cl. 514-389.000.
- London, Alvan G., to Applied Power Inc. Tilt lockout system for tilt-cab trucks. 4,556,118, 12-3-85, Cl. 180-89.150.
- London Fog, Inc.: *See—*
  - Tenney, William L., 4,512,515, Cl. 239-129.000.
  - Tenney, William L., 4,536,132, Cl. 417-237.000.
- London, Jasper R.: *See—*
  - Bell, Cecil R., Jr.; Lathery, Willie M.; Patel, Navin D.; and London, Jasper R., 4,539,924, Cl. 112-262.200.
- Londrigan, Michael E., to Jim Walter Resources, Inc. Unsaturated polyoxyalkylene adduct/fumarate diester reaction product for cellular foam stabilization. 4,529,745, 7-16-85, Cl. 521-137.000.
- Lone Star Steel Company: *See—*
  - Heine, Christian H., Jr.; McGaw, Robert W.; Wetzel, W. Edwin, Jr.; and Ziegler, Joseph, 4,502,669, Cl. 266-114.000.
  - Patterson, Billy R.; and Schneider, Warren P., 4,508,375, Cl. 285-334.000.
  - Roberts, Charles D.; and Cave, Ben R., 4,511,124, Cl. 266-44.000.
- Lonergan, Dennis A.: *See—*
  - Chambers, James V.; Perry, T. Wayne; Lonergan, Dennis A.; and Marks, Jay S., 4,547,386, Cl. 426-583.000.
- Long, Alexander, to Electromotive, Inc. High resolution electronic ignition control system. 4,494,509, 1-22-85, Cl. 123-416.000.
- Long, Arvin R., Jr. Apparatus for cleaning a dipstick. 4,506,402, 3-26-85, Cl. 15-210.00B.
- Long, Ballard E., to LaSelva, A.; Lockard, L.; and Roberts, E. Self-threading needle. 4,539,923, 9-10-85, Cl. 112-224.000.
- Long, Barry W., to Goodyear Tire & Rubber Company, The. Method of making conveyor belt. 4,526,637, 7-2-85, Cl. 156-137.000.
- Long, Charles A., Jr. Remotely controlled hydraulic cleaner apparatus. 4,520,524, 6-4-85, Cl. 15-104.30R.
- Long, Charles A., Jr. Stabilizer for manual video game controller. 4,530,504, 7-23-85, Cl. 273-148.00B.
- Long, Charles C.; Lounsbury, David M.; and Curtin, Richard R., to Prime Computer, Inc. Apparatus for decoding phase encoded data. 4,532,559, 7-30-85, Cl. 360-51.000.
- Long, Charles P. Accumulator for a carton filling and packing production line. 4,499,987, 2-19-85, Cl. 198-347.000.
- Long, David J.; and Oxenrider, Bryce C., to Allied Corporation. Fluorinated esters of 3,3,4,4-benzophenone tetracarboxylic dianhydride. 4,524,215, 6-18-85, Cl. 560-052.000.
- Long, David J.: *See—*
  - Oxenrider, Bryce C.; and Long, David J., 4,537,728, Cl. 260-455.00R.
- Long, Delmar D., to Dayco Corporation. Elastomer-coated bias reinforcement fabric and method for producing same. 4,501,771, 2-26-85, Cl. 427-176.000.
- Long, Delmar D.; and Anderson, John F., Jr., to Dayco Corporation. Polymeric-coated fabric layer, and method for making the same. 4,520,038, 5-28-85, Cl. 427-26.000.
- Long, Delmar D.; and Hill, James D., Jr., to Dayco Corporation. Polymeric product having a fabric layer means and method of making the same. 4,528,214, 7-9-85, Cl. 427-173.000.
- Long, Delmar D., to Dayco Corporation. Polymeric-coated fabric layer. 4,559,261, 12-17-85, Cl. 428-246.000.
- Long, Delmar D., to Dayco Corporation. Polymeric-coated fabric layer. 4,560,610, 12-24-85, Cl. 428-246.000.
- Long, Delmar D.: *See—*
  - Anderson, John F., Jr.; and Long, Delmar D., 4,522,869, Cl. 428-245.000.
- Long, Dennis L. Modular unit with foldable panels. 4,511,024, 4-16-85, Cl. 198-346.000.
- Long, Don W.: *See—*
  - Barton, Jerry M.; Long, Don W.; and Lotts, Kenneth D., 4,518,780, Cl. 546-167.000.
- Long, Florren E., to Ludlow Corporation. Window bag for liquids. 4,509,197, 4-2-85, Cl. 383-106.000.
- Long, Gary E.: *See—*
  - Fields, Gary C.; and Long, Gary E., 4,520,234, Cl. 179-2.00A.
- Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., to Union Carbide Corporation. Cracking of crude oils with carbon-hydrogen fragmentation compounds over non-zeolitic catalysts. 4,512,875, 4-23-85, Cl. 208-114.000.
- Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., to Union Carbide Corporation. Olefin oligomerization. 4,528,414, 7-9-85, Cl. 585-514.000.
- Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., to Union Carbide Corporation. Method for cracking residual oils. 4,534,853, 8-13-85, Cl. 208-120.000.
- Long, Gregory F.: *See—*
  - Bradley, Jerome R.; Halvorsen, Robert M.; Hurst, Jeffrey B.; and Long, Gregory F., 4,491,272, Cl. 239-5.000.
- Long, Harry F.: *See—*
  - Fornadel, J. Stephen; and Long, Harry F., 4,562,218, Cl. 524-15.000.
- Long, Jack C. Shower pan. 4,541,132, 9-17-85, Cl. 4-614.000.
- Long, James, to Hammond, James M., a part interest. Gas borne particle filtering method. 4,501,598, 2-26-85, Cl. 55-2.000.
- Long, James R.: *See—*
  - Hester, Troy L.; Thompson, Steven J.; and Long, James R., 4,547,974, Cl. 33-537.000.
- Long, Jerry M.; and Womack, James A., to Innovative Concepts, Inc. Diskette storage container for storing a large quantity of diskettes. 4,498,583, 2-12-85, Cl. 206-444.000.
- Long, Jerry M.; and Womack, James A., to Innovative Concepts, Inc. Storage container and display device. 4,508,217, 4-2-85, Cl. 206-45.180.
- Long, Jerry M.; and Womack, James A., to Innovative Concepts, Inc. Diskette filing and storage container. 4,544,213, 10-1-85, Cl. 312-183.000.
- Long, John A.: *See—*
  - Moore, Paul C., Jr., 4,547,189, Cl. 604-136.000.
- Long, John B.; and Ware, Robert R. Solar cooker. 4,561,425, 12-31-85, Cl. 126-451.000.
- Long, John D.: *See—*
  - Winter, David C.; Pearson, Michael L.; and Long, John D., 4,493,375, Cl. 172-1.000.
- Long, John H.: *See—*
  - Rutherford, David G.; Helling, Bernd; and Long, John H., 4,547,810, Cl. 358-256.000.
- Long, John V.; and Gagliani, John. Low density, modified polyimide foams and methods of making same. 4,518,717, 5-21-85, Cl. 521-109.100.
- Long, John V.; and Gagliani, John. Modified polyimide/polyimide-amide foams and methods of making same. 4,539,336, 9-3-85, Cl. 521-77.000.
- Long, John V.: *See—*
  - Gagliani, John; and Long, John V., 4,546,115, Cl. 521-77.000.
  - Gagliani, John; and Long, John V., 4,556,682, Cl. 521-185.000.
- Long Manufacturing Ltd.: *See—*
  - Cheadle, Brian E.; and Lee, Gordon J., 4,497,364, Cl. 165-134.00R.
- Long, Nathan R.; and Anderson, Howard L., to Diversey Wyandotte Corporation. Eductor pump and process. 4,505,646, 3-19-85, Cl. 417-172.000.
- Long, Noel V.; and Mierke, Charles H., to Union Carbide Corporation. Lead attachment for tantalum anode bodies. 4,520,430, 5-28-85, Cl. 361-433.000.
- Long, Raymond H.; and Schindler, Harvey D., to Lummus Company, The. Coal liquefaction and hydrogenation. 4,544,476, 10-1-85, Cl. 208-8.0LE.
- Long, Richard L., to United States of America, Air Force. Mounting device. 4,559,101, 12-17-85, Cl. 156-359.000.
- Long, Richard W.; and Stinton, Robert T., to Diving Unlimited International, Inc. Air inlet valve for underwater diver's dry suit. 4,502,817, 3-5-85, Cl. 405-186.000.
- Long, Richard W.; and Stinton, Robert T., to Diving Unlimited International, Inc. Survival suit. 4,547,904, 10-22-85, Cl. 2-2.10R.
- Long, Robert A.: *See—*
  - Goodrich, Lloyd E., Jr.; and Long, Robert A., 4,511,153, Cl. 279-2.00R.
- Long, Robert B.; and Caruso, Fred A., to Exxon Research & Engineering Co. Selective separation of heavy oil using a mixture of polar and nonpolar solvents. 4,493,765, 1-15-85, Cl. 208-309.000.
- Long, Stanley A.: *See—*
  - Akse, James R.; and Long, Stanley A., 4,511,601, Cl. 427-79.000.

McSweeney, Robert T.; and Long, Stanley A., 4,499,521, Cl. 361-321.000.
Long, Stanley E. Animal and insect exterminator. 4,512,102, 4-23-85, Cl. 43-84.000.
Long, Stephen L.; Cheung, Yin L.; and Brown, Alfred, to Texaco Inc. Method and device for measuring steam quality. 4,547,078, 10-15-85, Cl. 374-42.000.
Long, Stephen L.; and Cheung, Yin L., to Texaco Inc. Modified throttling calorimeter. 4,561,785, 12-31-85, Cl. 374-42.000.
Long, Stuart G.; and Maciocia, Michael J., to General Dynamics, Pomona Division. Laminated anti-static skin-packaging material. 4,554,210, 11-19-85, Cl. 428-349.000.
Long, Thomas F.: *See*—
Beyer, Henry R.; DeSipio, Richard G.; Long, Thomas F.; and Ritz, Joseph, 4,500,885, Cl. 343-456.000.
Naubereit, Henry; Long, Thomas F.; Picard, Salvatore R.; and Ritz, Joseph, 4,500,886, Cl. 343-456.000.
Long, Wallace H.; and Ruggiero, Ralph, to Duval Corporation. Portable rock crushing and conveying system. 4,491,279, 1-1-85, Cl. 241-101.700.
Long, Wallace H.; and Ruggiero, Ralph, to Duval Corporation. Conveyor with readily replaceable roller. 4,513,859, 4-30-85, Cl. 198-842.000.
Long, William A.: *See*—
Brennan, Edward J.; Long, William A.; and Brunelle, Rene J., 4,526,421, Cl. 297-232.000.
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Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., to Ciba-Geigy AG. Protected developing agents. 4,560,646, 12-24-85, Cl. 430-566.000.
Long, William H., to Northrop Corporation. Tandem electric discharges for exciting lasers. 4,534,035, 8-6-85, Cl. 372-85.000.
Longacre, Andrew, Jr., to Welch Allyn Inc. Color filter wheel synchronizer. 4,523,224, 6-11-85, Cl. 358-42.000.
Longacre, Andrew, Jr., to Welch Allyn Inc. Signal level control for video system. 4,535,758, 8-20-85, Cl. 128-6.000.
Longacre, James R.: *See*—
Maier, Charles, 4,557,213, Cl. 114-106.000.
Longamore, Robert G., to Electron Beam Corporation. Separable high vacuum valve. 4,495,966, 1-29-85, Cl. 137-614.010.
Longberg, Leif; and Pedersen, Hakon S., to A/S Bergens Mekaniske Verksteder. Assembly on a chain sheave/chain-rope system. 4,497,471, 2-5-85, Cl. 254-372.000.
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Hopf, Reinhard; and Longchamp, Jean-Francois, 4,541,110, Cl. 381-46.000.
Longenderfer, John E.; Luchaco, David G.; and Capewell, Dennis, to Lutron Electronics Co., Inc. Load switching arrangement for gas discharge lamp circuit. 4,558,262, 12-10-85, Cl. 315-307.000.
Longenecker, Bruce C.: *See*—
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Longenecker, Kenneth G.; and Geary, Thomas B., to Westinghouse Electric Corp. Assembly-heat sink for semiconductor devices. 4,518,983, 5-21-85, Cl. 357-81.000.
Longeway, Paul A., to RCA Corporation. Apparatus for mounting crystal. 4,547,648, 10-15-85, Cl. 219-121.0PE.
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Cuffiani, Illaro; Longi, Paolo; Zucchini, Umberto; and Pennini, Gianni, 4,517,307, Cl. 502-119.000.
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Mayr, Adolfo; Giannini, Umberto; Susa, Ermanno; Longi, Paolo; Giachetti, Ettore; and DeLuca, Domenico, 4,542,198, Cl. 526-125.000.
Longini, Richard L. Energy use monitoring system. 4,509,679, 4-9-85, Cl. 236-94.000.
Longley, James B., Jr. Portable, knockdown field stove. 4,532,910, 8-6-85, Cl. 126-9.00B.
Longley, Kermit D., to Witco Chemical Corporation. Preparation of isethionic acid. 4,499,028, 2-12-85, Cl. 260-513.00R.
Longley, Kermit D.; and Karalis, Anastasios, to Witco Chemical Corporation. Aromatic base poly-sulfosuccinate esters. 4,540,807, 9-10-85, Cl. 560-151.000.
Longmire, Jerry L.; Thuot, Michael E.; and Warren, David S., to United States of America, Energy. Prefire identification for pulse power systems. 4,510,451, 4-9-85, Cl. 328-130.100.
Longmore, Paul H.: *See*—
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Longo, Walter G., to Nuova Faema S.p.A. Dispensing unit for espresso coffee machines. 4,505,191, 3-19-85, Cl. 99-300.000.
Longo, Walter G., to Nuova Faema S.p.A. Espresso coffee machine control system displaying boiler temperature and pressure. 4,551,611, 11-5-85, Cl. 219-308.000.
Longoni, Angelo: *See*—
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Regiroli, Giovanni; Caprioli, Vincenzo; and Longoni, Angelo, 4,522,825, Cl. 514-517.000.
Longpre, Francois; Longpre, Yves; and Longpre, Pierre. Prefabricated concrete panel with truss. 4,495,688, 1-29-85, Cl. 29-460.000.
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Longsworth, Ralph C.: *See*—
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Lonne, Klaus; and Majewski, Klaus-Peter, to Goetze AG. Sealing ring. 4,554,084, 11-19-85, Cl. 252-12.400.
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Lehky, Pavel; and Hardt, Peter, 4,511,734, Cl. 562-524.000.
Previdoli, Felix; and Tenud, Leander, 4,545,934, Cl. 260-239.00E.
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Look, Thomas F., to Minnesota Mining and Manufacturing Company. Method and apparatus for extracting information from an object that is within a large interrogation zone. 4,491,923, 1-1-85, Cl. 364-478.000.
Looker, Brian E., to Glaxo Group Limited. Manufacture of antibiotics. 4,497,956, 2-5-85, Cl. 548-194.000.
Looker, Brian E., to Glaxo Group Limited. Cephalosporin antibiotics. 4,560,683, 12-24-85, Cl. 514-202.000.
Looker, Robert. Light weight tensionable buckle. 4,507,829, 4-2-85, Cl. 24-68.0CD.
Looker, Robert. Cargo container. 4,538,663, 9-3-85, Cl. 160-368.00R.
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Loomis, Gary L., to Du Pont de Nemours, E. I., and Company. Process for making foamed, sulfur-cured polymer blend compositions. 4,540,719, 9-10-85, Cl. 521-89.000.
Loomis, Gary L., to Du Pont de Nemours, E. I., and Company. Curable composition comprising elastomeric terpolymer of carbon monoxide. 4,543,440, 9-24-85, Cl. 525-539.000.
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Loomis International Inc.: *See*—
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Loomis, Jester M., III, to United States of America, Army. Hybrid monopulse/sequential lobing beamrider guidance. 4,501,399, 2-26-85, Cl. 244-3.130.
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  Ayers, William J., Jr.; Carter, Charles R.; Griffith, Richard A.; Loomis, Richard B.; and Notestein, John E., 4,524,796, Cl. 137-240.000.

Loomis, Robert H.: *See—*
  Archer, Donald H.; Gilbert, Michael A.; Loomis, Robert H.; and Maybell, Michael J., 4,495,504, Cl. 343-779.000.

Loomis, Robert W.; and Lawton, Carl W., to Combustion Engineering, Inc. Furnace buckstay design. 4,499,860, 2-19-85, Cl. 122-510.000.

Looney, Donald F.: *See—*
  Kirby, James R.; and Looney, Donald F., 4,518,817, Cl. 174-38.000.

Looney, Mark D.; and Savage, Kerry D., to Texaco Inc. Method of protecting an RF applicator. 4,553,592, 11-19-85, Cl. 166-248.000.

Looney, Raymond H., to Baird Manufacturing Company. Fluid dampened back pressure regulator. 4,531,542, 7-30-85, Cl. 137-514.700.

Loontjens, Jacobus A., to Stamicarbon B.V. Thermoplastic propylene block copolymer containing 1-alkene-propylene-diene copolymer block. 4,499,242, 2-12-85, Cl. 525-289.000.

Loontjens, Jacobus A.; and Muskens, Bernardus J., to Stamicarbon B.V., Licensing Subsidiary of DSM. Process of preparing a solid catalytic titanium component and process for the polymerization of 1-alkenes using such a titanium component. 4,546,092, 10-8-85, Cl. 502-105.000.

Looper, David W.: *See—*
  Roberts, Don M.; and Looper, David W., 4,500,944, Cl. 361-384.000.

Loos, Evelyn J., to Weir, Stanley M. Garbage disposal utensil. 4,504,996, 3-19-85, Cl. 15-105.000.

Loos, Jerold C.; Wakefield, James R.; and Foster, Frederick S., to Hall Systems, Inc. Programmable packaging grid for loop gripper product conveyor system. 4,552,349, 11-12-85, Cl. 270-54.000.

Loos, Jurgen: *See—*
  Romic, Ivica; and Loos, Jurgen, 4,492,076, Cl. 57-22.000.

Loose, Peter W., to European Electronic Systems Ltd. Edge detection apparatus. 4,499,383, 2-12-85, Cl. 250-561.000.

Loose, Peter W. Crop shear control. 4,527,243, 7-2-85, Cl. 364-469.000.

Loose, Timothy C., to Magnaflux Corporation. Non-destructive testing system with dual scanning. 4,528,455, 7-9-85, Cl. 250-563.000.

Loots, Melanie J.: *See—*
  Sprague, Peter W.; Loots, Melanie J.; and Haslanger, Martin F., 4,542,160, Cl. 514-569.000.

Lopatin, George; Coplan, Myron J.; and Walton, James P., Jr., to Albany International Corp. Thermally plastifiable compositions for microporous sorbent structure. 4,550,123, 10-29-85, Cl. 521-64.000.

Lopato, Georgy P.: *See—*
  Sidorenko, Georgy I.; Lopato, Georgy P.; Yakubovich, Vladimir M.; Nikitin, Yaroslav G.; Usachev, Oleg I.; and Vorobiev, Anatoly P., 4,499,904, Cl. 128-703.000.

Loper, Bernd, to Daimler-Benz Aktiengesellschaft. Wheel cover with retainment system. 4,512,614, 4-23-85, Cl. 301-37.00P.

Loper, Bernd: *See—*
  Muller, Alf; Schobbe, Hermann; Loper, Bernd; and Binnewies, Hartmut, 4,533,184, Cl. 301-63.00R.
  Renz, Dieter; and Loper, Bernd, 4,531,786, Cl. 301-37.0PB.

Loper, Joyce: *See—*
  Orser, Cindy; Loper, Joyce; Panopoulos, Nickolas; Lindow, Steven; and Schroth, Milton N., 4,540,667, Cl. 435-172.300.

Lopes Cardozo, Benjamin: *See—*
  Admiraal, Daniel J. H.; and Lopes Cardozo, Benjamin, 4,525,856, Cl. 381-93.000.

Lopez, Alfred R., to Hazeltine Corporation. Resonant waveguide aperture manifold. 4,554,550, 11-19-85, Cl. 343-771.000.

Lopez, Benjamin L.: *See—*
  Carlin, John A.; Mesch, William G.; Mobeck, William L.; Thompson, Randall D.; Henthorn, Jules B.; and Lopez, Benjamin L., 4,551,719, Cl. 340-825.360.

Lopez, Claudio: *See—*
  Tarello, William R.; Lopez, Claudio; Gordon, Linda A.; Whalen, Thomas D.; and Harvey, William B., 4,518,384, Cl. 604-61.000.

Lopez-Crevillen, Jose M., to General Motors Corporation. Sealing covers for air boxes. 4,527,710, 7-9-85, Cl. 220-378.000.

Lopez, David E.: *See—*
  Prioste, Jerry E.; and Lopez, David E., 4,556,947, Cl. 364-550.000.

Lopez De Romana, Eduardo A., to Discovision Associates. Writing beam focus monitor. 4,499,569, 2-12-85, Cl. 369-45.000.

Lopez, Eugene F.: *See—*
  Rinde, James A.; Lopez, Eugene F.; and Glover, Leon C., 4,507,340, Cl. 428-36.000.

Lopez, Ignacio: *See—*
  Padron, Tamara; and Lopez, Ignacio, 4,532,067, Cl. 252-174.170.

Lopez, Jaime; McKinney, Joel D.; and Pasek, Eugene A., to Gulf Research & Development Company. Heavy oil hydroprocessing. 4,557,821, 12-10-85, Cl. 208-108.000.

Lopez, Jose A., to Camilo Muebles, Inc. Panel connector system. 4,497,148, 2-5-85, Cl. 52-126.300.

Lopez Lopez, Julio, to Griplite, S.L. Soles for sport shoes. 4,527,345, 7-9-85, Cl. 36-127.000.

Lopez, Louis, to Container Corporation of America. Variable dimension container. 4,511,079, 4-16-85, Cl. 229-34.00R.

Lopez, Marco A., to Northrop Corporation. Variable attenuator for optical transceiver. 4,530,600, 7-23-85, Cl. 356-5.000.

Lopez, Osvaldo. Intraocular lens. 4,494,254, 1-22-85, Cl. 3-13.000.

Lopez, Sergio: *See—*
  Hascal, Marcel; Watson, Donald A.; Danielski, Andrew; and Lopez, Sergio, 4,520,318, Cl. 324-457.000.

Lopiccolo, Jerome J. Adjustable water level device. 4,536,968, 8-27-85, Cl. 33-367.000.

Lopiccolo, Mario T., to United Technologies Corporation. Optical encoder using time domain and wavelength multiplexing. 4,546,466, 10-8-85, Cl. 370-3.000.

LoPinto, Frank J., to AT&T Bell Laboratories. Secure mobile radio telephony. 4,549,308, 10-22-85, Cl. 455-26.000.

Lopochonsky, James E. Powered wrench. 4,491,042, 1-1-85, Cl. 81-57.300.

Lopp, Loran C., Jr.: *See—*
  Bonko, Mark L.; and Lopp, Loran C., Jr., 4,534,392, Cl. 152-209.00B.

Lor-Al Corporation: *See—*
  Tyler, Loren E., 4,529,104, Cl. 222-146.200.

Loral Corporation: *See—*
  Patel, Jayantilal, 4,545,055, Cl. 371-55.000.

Loram Maintenance of Way, Inc.: *See—*
  Vieau, Robert G.; and Klempke, William D., 4,507,897, Cl. 51-209.00R.

Lorant, Stefan, to United Stirling AB. Hot gas engine. 4,499,727, 2-19-85, Cl. 60-525.000.

Lorch, Daniel L., to United States of America, Navy. Air bag restraint system. 4,508,294, 4-2-85, Cl. 244-122.0AG.

Lorcks, Jurgen; Obradovic, Peter; Hochbahn, Peter; and Feeser, Hermann, to CPC International Inc. Flame resistant starch-sulfamate products. 4,552,918, 11-12-85, Cl. 524-734.000.

Lord Corporation: *See—*
  Balczun, Paul J., 4,498,679, Cl. 277-92.000.
  Beaton, Brian M., 4,516,476, Cl. 92-59.000.
  Booncnanta, Pipon; and Krasnicki, Edward J., 4,491,207, Cl. 188-299.000.
  Bucksbee, James H.; and Campany, Andrew D., 4,530,491, Cl. 267-141.000.
  Crosby, Michael J., 4,528,894, Cl. 92-12.000.
  Ernst, Bruce H.; Howard, Dennis D.; and Gismondi, Thomas E., 4,513,112, Cl. 524-590.000.
  Hsich, Henry S. Y.; and Ambrose, Richard J., 4,551,807, Cl. 364-473.000.
  Rebman, Jack, 4,521,685, Cl. 250-229.000.
  Thorn, Richard P.; and Gupta, Bhagwati P., 4,514,458, Cl. 428-222.000.
  Warnaka, Glenn E.; and Zalas, John M., 4,562,589, Cl. 381-71.000.

Lord, Henry A.: *See—*
  Bixler, Kenneth D.; Reifers, Richard F.; and Lord, Henry A., 4,492,331, Cl. 229-2.5EC.

Lord, Herbert A., to AT&T Technologies, Inc. Method for reducing temperature variations across a semiconductor wafer during heating. 4,560,420, 12-24-85, Cl. 148-1.500.

Lord, John G., to Bergeson, Lloyd. Sail rigging and control system. 4,499,841, 2-19-85, Cl. 114-98.000.

Lord, Richard G., to Carrier Corporation. Refrigeration unit compressor control. 4,506,516, 3-26-85, Cl. 62-117.000.

Lord, Richard G., to Carrier Corporation. Method and apparatus for controlling a refrigerant expansion valve in a refrigeration system. 4,523,435, 6-18-85, Cl. 62-212.000.

Lord, Richard G., to Carrier Corporation. High-low superheat protection for a refrigeration system compressor. 4,527,399, 7-9-85, Cl. 62-212.000.

Lord, Richard G., to Carrier Corporation. Refrigeration unit controls. 4,538,419, 9-3-85, Cl. 62-129.000.

Lord, Richard G., to Carrier Corporation. Electronic program control for a refrigeration unit. 4,545,210, 10-8-85, Cl. 62-77.000.

Lord, Richard G.; and Nieva, Kenneth J., to Carrier Corporation. Method and control system for protecting an evaporator in a refrigeration system against freezeups. 4,549,403, 10-29-85, Cl. 62-201.000.

Lord, Richard G., to Carrier Corporation. Dual pump down cycle for protecting a compressor in a refrigeration system. 4,549,404, 10-29-85, Cl. 62-224.000.

Lord, Richard G.: *See—*
  Schedel, John W.; and Lord, Richard G., 4,523,436, Cl. 62-222.000.

Lord, Steven M.: *See—*
  Foulke, Richard F.; and Lord, Steven M., 4,493,606, Cl. 414-787.000.

Lord, Thomas J., to United Aircraft Products, Inc. Method of making tubular heat exchangers. 4,528,733, 7-16-85, Cl. 29-157.30C.

Lordi, Francis D.: *See—*
  Collins, Michael F.; and Lordi, Francis D., 4,555,612, Cl. 219-121.00P.

Lordi, Frank E., to Atlantic Richfield Company. Fire retardant concentrate. 4,496,681, 1-29-85, Cl. 524-371.000.

Lordo, Robert E., to Powertron Division of Contraves Goerz Corp. Frame module for forming tubular frame of permanent magnet direct current motor. 4,529,902, 7-16-85, Cl. 310-112.000.

L'Oreal: *See—*
  Abrioux, Andre H.; Corcuff, Pierre; and Leveque, Jean L., 4,494,555, Cl. 128-755.000.
  Bouillon, Claude; and Maignan, Jean, 4,503,033, Cl. 424-47.000.
  Brun, Alain M.; Marcotte, Louis; and Mellul, Myriam, 4,546,312, Cl. 324-61.00P.
  Bugaut, Andree; and Estradier, Francoise, 4,494,953, Cl. 8-408.000.
  Contamin, Jean-Claude, 4,543,205, Cl. 252-546.000.

de la Mettrie, Roland; and Canivet, Patrick, 4,555,247, Cl. 8-405.000.
Goncalves, Antonin, 4,506,810, Cl. 222-391.000.
Goncalves, Antonin, 4,522,317, Cl. 222-391.000.
Goncalves, Antonin L., 4,506,808, Cl. 222-182.000.
Goncalves, Antonin L., 4,513,890, Cl. 222-153.000.
Grollier, Jean F.; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,504,494, Cl. 514-544.000.
Grollier, Jean F., 4,540,507, Cl. 252-174.230.
Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,495,203, Cl. 514-732.000.
Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,513,011, Cl. 514-730.000.
Grollier, Jean-Francois; Monnais, Christian; and Peritz, Lyonel, 4,555,246, Cl. 8-405.000.
Gueret, Jean-Louis H., 4,500,939, Cl. 361-221.000.
Gueret, Jean-Louis H.; and Arraudeau, Jean-Pierre, 4,545,393, Cl. 132-88.500.
Gueret, Jean-Louis H.; and Beck, Jean-Paul C., 4,549,559, Cl. 132-11.00R.
Gueret, Jean-Louis H., 4,561,456, Cl. 132-88.700.
Gueret, Jean-Louis M., 4,503,872, Cl. 132-88.500.
Guillon, Michel; Mondet, Jean; Papantoniou, Christos; and Vandenbossche, Claudine, 4,492,686, Cl. 424-61.000.
Jacquet, Bernard; Lang, Gerard; Malaval, Alain; Forestier, Serge; and Le Trung, Do, 4,517,174, Cl. 424-62.000.
Jacquet, Bernard; Lang, Gerard; and Malaval, Alain, 4,522,808, Cl. 424-59.000.
Jacquet, Bernard; Papantoniou, Christos; and Gaetani, Quintino, 4,545,981, Cl. 424-61.000.
Kalopissis, Gregoire; Gallien, Jacqueline; Jacquet, Bernard; Bauer, Daniel; and Chalaye, Jean Phillipe, 4,545,978, Cl. 424-10.000.
Lang, Gerard; and Malaval, Alain, 4,504,644, Cl. 527-201.000.
Lang, Gerard; Maignan, Jean; Leveque, Jean-Luc; and Rasseneur, Laurent, 4,539,320, Cl. 514-222.000.
Le Foyer de Costil, Carol; Ayache, Liliane; and Tisseyre, Jean-Paul, 4,545,990, Cl. 514-557.000.
Maignan, Jean; and Shroot, Braham, 4,512,985, Cl. 514-301.000.
Millet, Catherine; Ser, Jean-Claude; and N'Guyen, Quang L., 4,537,782, Cl. 514-774.000.
Monnais, Christian; Cotteret, Jean; and Bugaut, Andre, 4,511,360, Cl. 8-405.000.
Sebag, Henri; and Vanlerberghe, Guy, 4,499,070, Cl. 424-70.000.
Sebag, Henri; and Vanlerberghe, Guy, 4,523,921, Cl. 8-405.000.
Sebag, Henri, 4,533,545, Cl. 424-70.000.
Sebag, Henri; and Zysman, Alexandre, 4,533,714, Cl. 528-27.000.
Shroot, Braham; and Maignan, Jean, 4,548,942, Cl. 514-301.000.
Vanlerberghe, Guy; and Sebag, Henri, 4,491,534, Cl. 252-357.000.
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Vanlerberghe, Guy; and Sebag, Henri, 4,532,125, Cl. 424-47.000.

L'Oreal S.A.: *See—*
Zabotto, Arlette; and Griat, Jacqueline, 4,534,981, Cl. 514-783.000.

Loreck, Heinz: *See—*
Bleckmann, Hans-Wilhelm; Loreck, Heinz; Fennel, Helmut; and Zydeck, Michael, 4,546,437, Cl. 364-426.000.

Lorello, Mark M.; and Plamper, Gunter F. Door operator. 4,560,046, 12-24-85, Cl. 192-11.000.

Lorenc, Allan L.; and Maring, Thomas L., to Rawson Control Systems Inc. Astro capsule. 4,505,472, 3-19-85, Cl. 272-1.00C.

Lorenc, Walter F.; Kelly, John A.; and Mandel, Frederick S., to Nalco Chemical Company. Boiler water treating compositions. 4,545,920, 10-8-85, Cl. 252-180.000.

Lorence, Allan L.; Maring, Thomas L.; and Rawson, James L., deceased (by Oelwein State Bank, administrator), to Rawson Control Systems Inc. Amusement helicopter. 4,492,372, 1-8-85, Cl. 272-1.00C.

Lorensen, William E.: *See—*
Cline, Harvey E.; Holik, Andrew S.: and Lorensen, William E., 4,525,858, Cl. 382-1.000.

Lorentz, Donald G., to Westinghouse Electric Corp. Process for removal of dissolved oxygen from steam generation systems. 4,557,835, 12-10-85, Cl. 210-748.000.

Lorenz, Dieter; and Olsen, Willi, to Siemens Aktiengesellschaft. Compressed gas insulated high voltage switching installation with single phase metallic encapsulation. 4,493,009, 1-8-85, Cl. 361-341.000.

Lorenz, Dieter, to Siemens Aktiengesellschaft. Disconnect switch. 4,539,449, 9-3-85, Cl. 200-146.00R.

Lorenz, Dieter; and Rehaag, Benno, to Siemens Aktiengesellschaft. Disconnect switch. 4,539,450, 9-3-85, Cl. 200-148.00F.

Lorenz, Dieter; and Olsen, Willi, to Siemens Aktiengesellschaft. Disconnect switch for high-voltage switching installation. 4,559,424, 12-17-85, Cl. 200-146.00R.

Lorenz, Donald H.; Murphy, Edward J.; and Rutherford, John M., Jr., to GAF Corporation. Polymeric hair preparation. 4,521,40[illegible], 6-4-85, Cl. 424-71.000.

Lorenz, Donald H., to Hydromer, Inc. Hydrophilic, flexible, open cell polyurethane-poly(N-vinyl lactam) interpolymer foam and dental and biomedical products fabricated therefrom. 4,550,126, 10-29-85, Cl. 521-159.000.

Lorenz, Hans-Peter: *See—*
Freller, Helmut; Horauf, Friedrich; Lorenz, Hans-Peter; and Mund, Konrad, 4,508,430, Cl. 350-351.000.

Lorenz, Hellmut: *See—*
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Lorenz, Horst; and Schulte, Richard, to Th. Kieserling & Albrecht. Apparatus for manufacturing wheel rim blanks. 4,508,255, 4-2-85, Cl. 228-5.100.

Lorenz, Joachim: *See—*
Zimmermann, Horst; and Lorenz, Joachim, 4,560,172, Cl. 277-3.000.

Lorenz, Jurgen W., to Georg Wagner KG. Sterilizer container. 4,551,311, 11-5-85, Cl. 422-300.000.

Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, to Carl Still GmbH & Co. KG, Firma. Apparatus for dry cooling coke. 4,521,279, 6-4-85, Cl. 202-227.000.

Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, to Carl Still GmbH & Co. KG, Firma. Method for dry cooling coke. 4,559,107, 12-17-85, Cl. 201-39.000.

Lorenz, Kurt: *See—*
Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,508,596, Cl. 202-227.000.
Weber, Heinrich; Lorenz, Kurt; and Dungs, Horst, 4,544,451, Cl. 202-114.000.
Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,556,455, Cl. 201-39.000.

Lorenz, Manfred, to Bayer Aktiengesellschaft. Isoindolenine derivatives, processes for their preparation and their use as intermediate products for the preparation of dyestuffs. 4,492,796, 1-8-85, Cl. 548-471.000.

Lorenz, Manfred, to Kapp & Co. Werkzeugmaschinenfabrik. Method and device for fine profiling tools coated with super-hard materials. 4,533,812, 8-6-85, Cl. 219-121.0LH.

Lorenz, Otto; and Rose, Gerd, to Bayer Aktiengesellschaft. Process for the preparation of aqueous dispersions of polyurethanes containing chemically fixed carboxylate and/or sulphonate groups. 4,528,323, 7-9-85, Cl. 524-839.000.

Lorenz, Rainer, to Palitex Project-Company GmbH. Method and apparatus for splicing yarns. 4,534,160, 8-13-85, Cl. 57-22.000.

Lorenz, Renate: *See—*
Breustedt, Alfred; Taschner, Heinz; Korf, Rainer; and Lorenz, Renate, 4,523,912, Cl. 433-202.000.

Lorenz, Robert A. Scaffolding system. 4,558,764, 12-17-85, Cl. 182-45.000.

Lorenz, Werner; Bathke, Heinz; and Sommers, Hans, to Gaswarme-Institut e.V.; and Ruhrgas Aktiengesellschaft. Device for controlling the air supply for a gas burner. 4,509,913, 4-9-85, Cl. 431-90.000.

Lorenz, William J.; and Larson, Wayne K., to Minnesota Mining and Manufacturing Company. Storage-stable photosensitive composition and article with adduct of diazo resin and amorphous sulfopolyester. 4,543,315, 9-24-85, Cl. 430-156.000.

Lorenzen, Heinz-Christen; Heitmann, Uwe; Petersen, Kurt-Eckart; and Pinck, Peter, to Hauni-Werke Korber & Co. KG. Apparatus for perforating and testing the permeability of running webs of cigarette paper or the like. 4,537,206, 8-27-85, Cl. 131-281.000.

Lorenzen, Heinz-Christen: *See—*
Brand, Peter; Lorenzen, Heinz-Christen; Heitmann, Uwe; and Menzel, Peter, 4,543,816, Cl. 73-37.600.

Lorenzen, Steven C.; and Sterling, Vaughn C., to General Electric Company. Switching device for photoflash unit. 4,553,928, 11-19-85, Cl. 431-359.000.

Lorenzi, Donald E.; and Wagerer, Helmut F., to Magnaflux Corporation. Surface treating and testing apparatus. 4,502,253, 3-5-85, Cl. 51-165.00R.

Lorenzo Barroso, Angel. Equipment for knotting automatically the openings of flexible containers. 4,533,164, 8-6-85, Cl. 289-2.000.

Lori Corporation: *See—*
Hennessy, Thomas F., 4,524,593, Cl. 70-358.000.

Lori, Domenico: *See—*
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Credali, Lino; Parrini, Paolo; Milano, Mario; and Lori, Domenico, 4,560,429, Cl. 156-208.000.

Lorieux, Roland, to Thomson-CSF. Transistor amplifier operating at ultra high frequency under pulse operating conditions. 4,538,118, 8-27-85, Cl. 330-286.000.

Lorimer, D'Arcy H.: *See—*
Handy, Christopher C., Jr.; and Lorimer, D'Arcy H., 4,508,688, Cl. 423-92.000.

Lorince, Julius, to Modern Machine and Grinding, Inc. Side trimmer knife. 4,510,689, 4-16-85, Cl. 30-347.000.

Loring, Dennis J., to Elmwood Sensors, Inc. Magnetically operated AC switching device with delay-on-dropout. 4,544,987, 10-1-85, Cl. 361-194.000.

Loriot, Pierre; Rendu, Michel; and Rousseau, Jean, to Commissariat a l'Energie Atomique. Neutron protection device. 4,493,813, 1-15-85, Cl. 376-409.000.

Lork, Winfried: *See—*
Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,543,217, Cl. 260-544.00A.
Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,556,644, Cl. 502-33.000.
Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,557,760, Cl. 75-121.000.

Lorke, Horst: *See—*
Cargnino, Francesco; Natoli, Giuseppe; and Lorke, Horst, 4,533,479, Cl. 252-34.000.
Cargnino, Francesco; Natoli, Giuseppe; and Lorke, Horst, 4,552,678, Cl. 252-49.300.

Lormeau, Jean-Claude; Petitou, Maurice; and Choay, Jean, to Choay S.A. Mucopolysaccharides having biological properties, preparation and method of use. 4,500,519, 2-19-85, Cl. 514-56.000.

Loroco Industries, Inc.: *See—*
Curro, Dominic, Jr., 4,516,892, Cl. 410-155.000.

Lorson, E. William, to Copeland Corporation. Discharge valve assembly for refrigeration compressors. 4,543,989, 10-1-85, Cl. 137-543.190.

Lortie, Richard P.; and Adams, William R., to R. J. Reynolds Tobacco Company. Variable air volume air conditioning system. 4,540,118, 9-10-85, Cl. 236-44.00C.

Lorton, Allen E., Sr. Model construction tool. 4,520,997, 6-4-85, Cl. 254-26.00R.

Lorts, Anthony. Internal combustion engine fuel-injection system. 4,532,899, 8-6-85, Cl. 123-292.000.

Lory, Earl R.: *See—*
Jerde, Leslie G.; Lory, Earl R.; Muething, Kevin A.; and Tsou, Len Y., 4,491,499, Cl. 156-626.000.

Los, Marinus, to American Cyanamid Company. Preparation of imidazolinyl benzoic acids, esters and salts. 4,544,754, 10-1-85, Cl. 548-301.000.

Los, Marinus, to American Cyanamid Company. Herbicidal imidazolinyl naphthoic acids. 4,554,013, 11-19-85, Cl. 71-92.000.

Loschen, Gerriet K. H.: *See—*
Boehlke, Horst R. E.; Loschen, Gerriet K. H.; Michel, Gudrun E.; and Muller, Bernd, 4,510,323, Cl. 514-530.000.

Losee, David L., to Eastman Kodak Company. Patterning method for reducing hillock density in thin metal films and a structure produced thereby. 4,525,733, 6-25-85, Cl. 357-65.000.

Losel, Georg; and Schneider, Egon, to Kraftwerk Union Aktiengesellschaft. Apparatus for drying steam in steam power generating stations. 4,512,785, 4-23-85, Cl. 55-204.000.

Losel, Walter: *See—*
Schnorrenberg, Gerd; Roos, Otto; Losel, Walter; Wiedemann, Ingrid; Gaida, Wolfram; and Hoefke, Wolfgang, 4,555,511, Cl. 514-301.000.

Losell, Ingvar E.: *See—*
Johnsson, Bo A.; Losell, Ingvar E.; and Palmqvist, Sune H., 4,533,516, Cl. 422-46.000.

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Baier, Heinz; Kurten, Hans W.; and Waschulewski, Hans-Georg, 4,515,027, Cl. 74-87.000.
Baumers, Johannes; Lisken, Werner; and Lietzke, Heinz, 4,510,815, Cl. 74-61.000.
Scheurenberg, Helmut; and Funke, Manfred, 4,505,355, Cl. 180-308.000.

Loseries, Peter, to Ernst Leitz Wetzlar GmbH. Photographic camera. 4,514,076, 4-30-85, Cl. 354-481.000.

Losert, Ewald: *See—*
Audykowski, Thaddeus; Mentha, Anton; and Losert, Ewald, 4,544,623, Cl. 430-280.000.
Jehle, Nikolaus; Thuer, Markus; and Losert, Ewald, 4,502,957, Cl. 210-690.000.

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Laurent, Henry; Nickisch, Klaus; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, 4,511,565, Cl. 514-173.000.
Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
Nickisch, Klaus; Bittler, Dieter; Laurent, Henry; Wiechert, Rudolf; and Losert, Wolfgang, 4,500,522, Cl. 514-173.000.
Nickisch, Klaus; Bittler, Dieter; Laurent, Henry; Wiechert, Rudolf; and Losert, Wolfgang, 4,542,024, Cl. 514-178.000.
Nickisch, Klaus; Laurent, Henry; Esperling, Peter; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, 4,559,331, Cl. 514-173.000.

Loshaek, Samuel; and Townsley, Malcolm G., to Schering Corporation. Hydrophilic bifocal contact lens. 4,549,794, 10-29-85, Cl. 351-161.000.

Losin, Martha S.: *See—*
Shenoy, Thirthahalli A.; and Losin, Martha S., 4,556,404, Cl. 62-17.000.

Losinger, Raymond E.: *See—*
Agnew, Palmer W.; Buonomo, Joseph P.; Houghtalen, Steven R.; Kellerman, Anne S.; Losinger, Raymond E.; and Valashinas, James W., 4,514,803, Cl. 364-200.000.

Losio, Gastone, to Clevite S.r.l. Flanged half-bearing for motor applications. 4,533,261, 8-6-85, Cl. 384-296.000.

Losiowski, John J.; and Low, George J. Bagel slicer. 4,546,686, 10-15-85, Cl. 83-874.000.

Loskorn, Richard A.; Biehl, Philip D.; and Catiller, Robert D., to Burroughs Corporation. Byte-oriented line adapter system. 4,514,824, 4-30-85, Cl. 364-900.000.

Loskorn, Richard A., to Burroughs Corporation. Memory selection in a multiple line adapter organization. 4,520,452, 5-28-85, Cl. 364-900.000.

Loskorn, Richard A.: *See—*
Harris, Craig W.; Jevons, Lyle O., Jr.; and Loskorn, Richard A., 4,494,194, Cl. 364-200.000.

Loso, Wendell R.: *See—*
Marx, Jon A.; and Loso, Wendell R., 4,527,391, Cl. 60-226.200.

Lossa, Ulrich, to Palitex Project-Company GmbH. Thread pull-off aid of variable geometrical configuration for the overhead drawing-off of a thread from a creel bobbin. 4,542,618, 9-24-85, Cl. 57-58.830.

Lossack, Edgar: *See—*
Merchant, Harish D.; and Lossack, Edgar, 4,517,034, Cl. 148-439.000.

Lossl, Gunter; Zauhar, Helmut; and Stock, Horst, to Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH. Method of sawing crystalline rods, and multiple-blade internal-hole saw for carrying out the method. 4,513,544, 4-30-85, Cl. 51-283.00R.

Lostumo, Arthur J.: *See—*
Danenberg, Bernard D.; and Lostumo, Arthur J., 4,491,818, Cl. 336-65.000.

Loszewski, Raymond C.; and Alvarez, Robert T., to Avco Corporation. Bis-maleimide-epoxy compositions and prepregs. 4,510,272, 4-9-85, Cl. 523-400.000.

Lotfy, Mohammed H. Racquet for playing a ball game. 4,549,736, 10-29-85, Cl. 273-67.00R.

Loth, Eric: *See—*
Gogniat, Paul; and Loth, Eric, 4,518,093, Cl. 220-82.00R.

Loth, Fritz; Dautzenberg, Horst; Stamberg, Jiri ; Peska, Jan; Bertram, Dieter; and Lettau, Herbert, to Ceskoslovenska akademie ved; and Akademie der Wissenschaften der DDR. Absorbing cover for wounds and the method for manufacturing thereof. 4,536,217, 8-20-85, Cl. 106-122.000.

Lothman, Stig A., to Tetra Pak International AB. Machine for the processing of packing containers. 4,510,732, 4-16-85, Cl. 53-168.000.

Lothmann, Josef: *See—*
Haissig, Manfred; and Lothmann, Josef, 4,520,860, Cl. 164-415.000.

Lotito, Vincent; and Fletcher, Stephen R. Aquarium. 4,516,529, 5-14-85, Cl. 119-5.000.

Lotsch, Wolfgang; Kemper, Reinhard; and Schefczik, Ernst, to BASF Aktiengesellschaft. 2,4-dioxotetrahydropyrimido-(1,2-a)-benzimidazole substituted isoindoline dyes and their use. 4,525,591, 6-25-85, Cl. 544-250.000.

Lotsko, Catherine A.: *See—*
Anderson, Herbert R., Jr.; Araps, Constance J.; and Lotsko, Catherine A., 4,539,222, Cl. 427-88.000.

Lotsof, Howard S. Rapid method for interrupting the narcotic addiction syndrome. 4,499,096, 2-12-85, Cl. 514-214.000.

Lotspeich, Joseph A., to Gross-Given Manufacturing Company. Shelf configuration for vending machines. 4,506,802, 3-26-85, Cl. 221-75.000.

Lott, John, to Lott, Judy A. Apparatus for enhancing the performance of a vehicle air conditioning system. 4,494,384, 1-22-85, Cl. 62-279.000.

Lott, Judy A.: *See—*
Lott, John, 4,494,384, Cl. 62-279.000.

Lott, Peter F.; and Jargosch, Reiner E. Acid based variable viscosity compositions such as corrosion and grease removers and polishes. 4,518,519, 5-21-85, Cl. 252-148.000.

Lott, Thomas M. Loudspeaker telephone. 4,493,950, 1-15-85, Cl. 179-81.00B.

Lott, Thomas M. Golfer's aid. 4,531,743, 7-30-85, Cl. 273-183.00B.

Lott, W. Gerald, to Flo Trend Shares, Inc. Apparatus for washing drill cuttings. 4,546,783, 10-15-85, Cl. 134-109.000.

Lotte Co., Ltd.: *See—*
Kato, Yukiteru; and Watanabe, Kazuhiro, 4,525,365, Cl. 426-101.000.
Tezuka, Shichigoro; Sato, Yoshinori; Shibata, Masaki; and Harikae, Nobuyuki, 4,514,423, Cl. 426-3.000.

Lotter, Karl. Plug connector for dil components. 4,509,812, 4-9-85, Cl. 339-75.00M.

Lotter, Manfred; and Stolzer, Rainer, to Hydromatik GmbH. Radial bearing for drive plate of inclined-axis type axial piston machine. 4,546,692, 10-15-85, Cl. 92-12.200.

Lotterbach, Gerhard: *See—*
Gloss, Erwin; Lotterbach, Gerhard; Perenthaler, Egbert; Schenk, Manfred; Van Woudenberg, Jan F.; and Zucker, Udo, 4,556,036, Cl. 123-491.000.
Honig, Gunter; Kaiser, Gunther; Lotterbach, Gerhard; and Zucker, Udo, 4,527,422, Cl. 73-117.300.
van Belzen, David; Honig, Gunter; Lotterbach, Gerhard; van Woudenberg, Jan-Faas; and Zucker, Udo, 4,534,331, Cl. 123-492.000.

Lottick, Edward A. Stackable non-spillable drinking container. 4,494,668, 1-22-85, Cl. 220-90.400.

Lottick, Edward A. Removable switch electrocautery instruments. 4,552,143, 11-12-85, Cl. 128-303.140.

Lotto, Sergio. Machine made of a set of equipment for the inspection and the maintenance of the lower surfaces of road and railway bridges, as well as viaducts and their respective piers. 4,556,124, 12-3-85, Cl. 182-63.000.

Lotts, Kenneth D.: *See—*
Barton, Jerry M.; Long, Don W.; and Lotts, Kenneth D., 4,518,780, Cl. 546-167.000.

Lottspeich, Friedrich: *See—*
Brantl, Victor; Teschemacher, Hansjorg; Henschen, Agnes; and Lottspeich, Friedrich, 4,555,403, Cl. 514-17.000.

Loturco, Raymond A.: *See—*
Breeden, Rex E.; and Loturco, Raymond A., 4,529,511, Cl. 210-94.000.

Lotz, Carla, nee Post, Andreas Lotz, heirs: *See—*
Proksch, Hans-Jorg; Welte, Dieter; Zimmer, Herbert; and Lotz, Michael, deceased, 4,498,646, Cl. 244-35.00R.

Lotz, Horst K., to Aute Gesellschaft fur autogene Technik mbH. Flame-cutter employing a discontinuous oxygen supply for billets produced in a continuous caster. 4,501,624, 2-26-85, Cl. 148-9.00R.

Lotz, Horst K. Flame-cutting machine. 4,527,777, 7-9-85, Cl. 266-50.000.

Lotz, Michael, deceased: *See—*

Proksch, Hans-Jorg; Welte, Dieter; Zimmer, Herbert; and Lotz, Michael, deceased, 4,498,646, Cl. 244-35.00R.

Lotz, Walter E. Method and apparatus for severing sheets of material. 4,548,594, 10-22-85, Cl. 493-370.000.

Lotze, Herbert: *See—*

Schindele, Alfred; and Lotze, Herbert, 4,541,254, Cl. 66-223.000.

Lou, Wen C.; and Fulger, Charles V., to General Foods Corporation. Rehydratable rice product. 4,521,436, 6-4-85, Cl. 426-104.000.

Loube, Irving: *See—*

Eichenlaub, Carl, 4,510,718, Cl. 51-170.0EB.

Loubier, Robert J., to Xolox Corporation. Method of fabricating a permanent magnet. 4,496,303, 1-29-85, Cl. 425-569.000.

Loubier, Robert J. Dental floss applicator. 4,508,125, 4-2-85, Cl. 132-92.00R.

Loubier, Robert J.; and Muhn, Robert A. Dental floss applicator with improved floss severing and anchoring. 4,512,354, 4-23-85, Cl. 132-91.000.

Loubier, Robert J., to Xolox Corporation. Plastic bonded magnet with circumferentially spaced poles having substantially uniform magnetic properties. 4,549,157, 10-22-85, Cl. 335-303.000.

Loucansky, Stanislav: *See—*

Kase, Oldrich; and Loucansky, Stanislav, 4,542,620, Cl. 57-302.000.

Louden, William G.; and Louden, William S., to Louden, William Gordon. Flat paper and method of manufacturing involving controlled drying conditions. 4,500,607, 2-19-85, Cl. 428-511.000.

Louden, William Gordon: *See—*

Louden, William G.; and Louden, William S., 4,500,607, Cl. 428-511.000.

Louden, William S.: *See—*

Louden, William G.; and Louden, William S., 4,500,607, Cl. 428-511.000.

Loudon, Stuart D., to Newelec Pretoria Ltd. Induction motor start-stall detection apparatus and method. 4,547,720, 10-15-85, Cl. 318-782.000.

Louen, Hans-Richard: *See—*

Reizig, Hans-Jurgen; Meuters, Friedrich; and Louen, Hans-Richard, 4,497,192, Cl. 72-203.000.

Louet, Daniel; and Darnois, Gilbert, to Thomson-CSF. Device comprising a cavity and a linear resonator fixed within said cavity, and a method of assembly of said device. 4,507,631, 3-26-85, Cl. 333-222.000.

Lough, Wendell J.; and Bishop, Donald E., to Weber Technical Products, Division of Craig Systems Corporation. Clean room with replaceable filter and a seal cutting mechanism. 4,518,405, 5-21-85, Cl. 55-385.00A.

Loughborough, Mark T.: *See—*

Andruchiw, Roman; Cordingley, David C.; and Loughborough, Mark T., 4,539,064, Cl. 156-379.700.

Lougheed, Robert M.; and Mudge, Trevor N., to Environmental Research institute of Michigan. Design rule checking using serial neighborhood processors. 4,510,616, 4-9-85, Cl. 382-8.000.

Lougheed, Robert M., to Environmental Research Institute of Michigan. Neighborhood image processing stage for implementing filtering operations. 4,541,116, 9-10-85, Cl. 382-49.000.

Lougheed, Robert M.: *See—*

Rutenbar, Robin A.; and Lougheed, Robert M., 4,541,114, Cl. 382-8.000.

Loughlin, Bernard D., to Hazeltine Corporation. Distortion correcting AM stereo receiver with non-flat AGC. 4,536,885, 8-20-85, Cl. 381-15.000.

Loughran, James A.: *See—*

Anthony, Thomas R.; Houston, Douglas E.; and Loughran, James A., 4,527,183, Cl. 357-30.000.

Carlson, Richard O.; Glascock, Homer H., II; Loughran, James A.; and Webster, Harold F., 4,541,035, Cl. 361-414.000.

Loughridge, Fred: *See—*

Bouchard, Andre C.; Maya, Jakob; Loughridge, Fred; Andress, Charles W.; and Wierzbicki, Julian, 4,527,088, Cl. 313-493.000.

Loughridge, Frederick A.: *See—*

Cohen, Sheppard; Barakitis, Nikolaos; Loughridge, Frederick A.; and Marlor, Richard C., 4,524,301, Cl. 313-493.000.

Dullea, Leonard V.; Loughridge, Frederick A.; and Johnson, Stephen G., 4,530,710, Cl. 65-56.000.

Loughridge, Fredrick A.: *See—*

Snell, Richard G.; and Loughridge, Fredrick A., 4,492,814, Cl. 174-50.640.

Snell, Richard G.; and Loughridge, Fredrick A., 4,493,944, Cl. 174-50.640.

Snell, Richard G.; and Loughridge, Fredrick A., 4,521,641, Cl. 174-50.640.

Loughry, Clark E.: *See—*

Maldonado, Robert; and Loughry, Clark E., 4,554,676, Cl. 378-170.000.

Louiday, Andre E., to U.S. Philips Corporation. Radiology table for exposures with variable tilting angle and source-patient distance and for tomography. 4,550,421, 10-29-85, Cl. 378-196.000.

Louie, Glenn; Retter, Rafi; and Slager, James. Interface between a microprocessor and a coprocessor. 4,547,849, 10-15-85, Cl. 364-200.000.

Louis, Arnold S.; and Wiener, Robert P., to Litton Systems, Inc. Pneumatic switch potentiometer. 4,525,698, 6-25-85, Cl. 338-39.000.

Louis, Edward V.: *See—*

Yester, Francis R., Jr.; Gailus, Paul H.; and Louis, Edward V., 4,542,352, Cl. 331-96.000.

Louis G. Freeman Company, The: *See—*

Freeman, D. Bruce; Kesse, Bernard G.; and Thiel, Philip P., 4,523,541, Cl. 118-202.000.

Louis Hand, Inc.: *See—*

Bouthillier, Robert, 4,549,495, Cl. 112-315.000.

Louis N. Graves Company, Inc.: *See—*

Graves, Louis N., 4,530,188, Cl. 51-214.000.

Louisiana State University: *See—*

Meyers, Samuel P.; and Chen, Huei-Mei, 4,505,936, Cl. 426-1.000.

Louison, Guy, to V. Louison et Cie. Regulating device for the warp and thermo-fixing yarns of ribbons with self-gripping loops, capable of being adapted to a knitting machine. 4,551,995, 11-12-85, Cl. 66-203.000.

Loukos, Isaias. Method and apparatus for cleaning waste gases from aluminum production facilities. 4,501,599, 2-26-85, Cl. 55-71.000.

Louks, David H.; Thompson, Leonard R.; and Muench, Wayne C., to Dow Chemical Company, The. Preparation of halogenated phenols. 4,547,597, 10-15-85, Cl. 568-779.000.

Lounsbury, David M.: *See—*

Long, Charles C.; Lounsbury, David M.; and Curtin, Richard R., 4,532,559, Cl. 360-51.000.

Loup, Nicole J. R.: *See—*

Colardelle, Joel S. G.; Lerouge, Claude P. H.; and Loup, Nicole J. R., 4,496,798, Cl. 179-84.00T.

Loup, Ronald L., to Koomey, Inc. Pressure reducing and regulating valve. 4,554,940, 11-26-85, Cl. 137-116.000.

Louradour, Pierre; and Roullet, Alain, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Method for freezing the neck of an inverted champagne bottle. 4,541,251, 9-17-85, Cl. 62-64.000.

Lourenco, Jose A.: *See—*

Keramidas, Vassilis G.; and Lourenco, Jose A., 4,500,367, Cl. 148-171.000.

Loustau, Desire, to Automatismes et Techniques Advancees. Method and machine for cutting electric leads of specific length and for processing and equipping the two ends of these leads. 4,494,580, 1-22-85, Cl. 140-1.000.

Loustau, Marie-Therese: *See—*

Atkin, John; and Loustau, Marie-Therese, 4,514,473, Cl. 429-10.000.

Loutaty, Roben: *See—*

Atlani, Martial; Loutaty, Roben; Wakselman, Claude; and Yacono, Charles, 4,504,287, Cl. 55-53.000.

Loutfy, Rafik O.; and Hsiao, Cheng-Kuo, to Xerox Corporation. Photoconductive devices containing perylene dye compositions. 4,514,482, 4-30-85, Cl. 430-78.000.

Loutfy, Rafik O.: *See—*

Hor, Ah-Mee; and Loutfy, Rafik O., 4,555,463, Cl. 430-59.000.

McAneney, T. Brian; Loutfy, Rafik O.; Ong, Beng S.; and Popovic, Zoran D., 4,559,287, Cl. 430-59.000.

Loutfy, Raouf O.; Withers, James C.; Das, Subodh K.; and Jones, Samuel S., to Atlantic Richfield Company. Partially calcined carbonaceous material as a reductant. 4,529,717, 7-16-85, Cl. 502-433.000.

Loutfy, Raouf O.; and Withers, James C., to Atlantic Richfield Company. Production of anhydrous aluminum chloride from hydrated alumina. 4,559,215, 12-17-85, Cl. 423-496.000.

Louth, Kenneth, to Ampex Corporation. Head scanning servo system in a recording and/or reproducing apparatus. 4,514,671, 4-30-85, Cl. 318-603.000.

Louth, Kenneth, to Ampex Corporation. Microprocessor controlled multiple servo system for a recording and/or reproducing apparatus. 4,536,806, 8-20-85, Cl. 360-69.000.

Louth, Kenneth, to Ampex Corporation. Programmable non-linear speed control for a recording and/or reproducing apparatus. 4,538,190, 8-27-85, Cl. 360-73.000.

Louth, Kenneth, to Ampex Corporation. Automatic scan tracking servo system. 4,544,967, 10-1-85, Cl. 360-77.000.

Louthan, Clissolde L. Fish line sinker. 4,538,374, 9-3-85, Cl. 43-44.960.

Louthan, Rector P.: *See—*

Bresson, Clarence R.; and Louthan, Rector P., 4,515,687, Cl. 209-167.000.

Macdonell, Gary D.; Lindstrom, Merlin R.; Baldwin, Bernard A.; Louthan, Rector P.; and Schuettenberg, Alexander D., 4,537,690, Cl. 252-48.400.

Louttit, Duncan R., to U.S. Philips Corporation. Radio receiver suitable for use in a spaced carrier area coverage system. 4,513,443, 4-23-85, Cl. 455-52.000.

Louvel, Bernard: *See—*

Botrel, Jose; Harari, Sami; Briere, Joseph; and Louvel, Bernard, 4,551,839, Cl. 371-35.000.

Louvel, Robin, to Bowthorpe-Hellermann Limited. Marking apparatus. 4,534,313, 8-13-85, Cl. 118-696.000.

Louvet, Olivier F.: *See—*

Slawy, Serge; Louvet, Olivier F.; and Dauphin, Jean L., 4,494,231, Cl. 370-60.000.

Louvier, Yvon, to Synfina, S.A. Process and apparatus for redensifying thermoplastic resin foam. 4,504,436, 3-12-85, Cl. 264-321.000.

Louw, Hendrik A.: *See—*

Davis, Bender A.; and Louw, Hendrik A., 4,533,173, Cl. 296-216.000.

Louw, John A., to Fertility & Genetics Associates. Uterine catheter. 4,533,345, 8-6-85, Cl. 604-43.000.

Louwenaar, David W. Solar warming hut. 4,497,145, 2-5-85, Cl. 52-1.000.

Lovable Industriale S.p.A.: *See—*

Bartolini, Dario, 4,529,463, Cl. 156-226.000.

- Lovas, Kurt: *See—*
  - Bock, Erich; Lovas, Kurt; Promoli, Johann-Christian; and Dammig, Joachim, 4,553,709, Cl. 242-47.010.
  - Schuller, Edmund; Mayer, Walter; Hini, Eugen; Bock, Erich; and Lovas, Kurt, 4,501,116, Cl. 57-263.000.
- Love, Franklin S., III, to Milliken Research Corporation. Inspection lighting system. 4,533,245, 8-6-85, Cl. 356-238.000.
- Love, Leonard S. Anaerobic reactor. 4,530,762, 7-23-85, Cl. 210-603.000.
- Love, Richard A.; and Zehner, Lee R., to W. R. Grace & Co. Carbon monoxide process for the production of alpha amino acids. 4,547,590, 10-15-85, Cl. 562-575.000.
- Love, Richard R. Loading ramp for truck bed. 4,498,836, 2-12-85, Cl. 414-537.000.
- Love, Robert P., to General Electric Company. Self-aligned power MOSFET with integral source-base short and methods of making. 4,516,143, 5-7-85, Cl. 357-23.400.
- Lovelace, Donald E.: *See—*
  - Saarem, Myrl J.; and Lovelace, Donald E., 4,505,450, Cl. 251-24.000.
- Lovelace, Harold, to International Paper Company. Bottom sealing tab prebreaking apparatus. 4,515,580, 5-7-85, Cl. 493-183.000.
- Loveless, Anthony H.: *See—*
  - Ashton, Michael J.; Bridge, Andrew W.; Chapman, Robert F.; Fenton, Garry; Loveless, Anthony H.; and Riddell, David, 4,493,843, Cl. 424-274.000.
  - Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., 4,507,315, Cl. 514-396.000.
- Loveless, Arthur J.; and Barringer, Anthony R., to Barringer Research Limited. Method for remote measurement of anomalous complex variations of a predetermined electrical parameter in a target zone. 4,506,225, 3-19-85, Cl. 324-334.000.
- Loveless, Frederick C.; and Smudin, David J., to Uniroyal, Inc. Grafted polyalphaolefin polymers, method for its production and oils containing it. 4,532,061, 7-30-85, Cl. 252-58.000.
- Loveless, John H. Security device utilizing conventional telephone lines. 4,493,947, 1-15-85, Cl. 179-2.00A.
- Loveless, Norman P.: *See—*
  - Bogaty, Herman; Brown, Keith; Loveless, Norman P.; and Wolfram, Leszek J., 4,559,057, Cl. 8-405.000.
- Loveless, Stanley M., to Humphrey Products Company. Four-way poppet valve assembly. 4,494,572, 1-22-85, Cl. 137-596.170.
- Loveless, Stanley M.: *See—*
  - Klimowicz, Michael A.; Toliusis, Vytautas J.; and Loveless, Stanley M., 4,501,299, Cl. 137-625.650.
- Lovell, Charles J.: *See—*
  - Convis, Danny B.; Crehan, Donald T.; and Lovell, Charles J., 4,555,700, Cl. 340-721.000.
- Lovell, Edward J.: *See—*
  - Janisiewicz, Stanley W.; Hills, Maynard J.; and Lovell, Edward J., 4,500,246, Cl. 414-414.000.
- Lovell, Philip J.: *See—*
  - Mills, David; Kington, Alan D.; and Lovell, Philip J., 4,520,117, Cl. 501-107.000.
- Lovell, Roger. Corrosion protection method. 4,546,015, 10-8-85, Cl. 427-247.000.
- Lovell, Walter: *See—*
  - Koenig, Robert H.; and Lovell, Walter, 4,551,595, Cl. 200-86.00R.
- Lovell, Walter C.: *See—*
  - Panaia, David J.; and Lovell, Walter C., 4,493,488, Cl. 280-42.000.
- Lovell, William F.: *See—*
  - Balyasny, Marik; and Lovell, William F., 4,530,452, Cl. 225-96.000.
- Lovens Kemiske Fabrik Produktionsaktieselskab: *See—*
  - Godtfredsen, Wagn O., 4,554,160, Cl. 424-114.000.
- Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, to Block Drug Company, Inc. Polyoxyethylene derivatives as antipruritic ectoparasiticide. 4,491,576, 1-1-85, Cl. 424-78.000.
- Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, to Block Drug Company, Inc. Polyoxyethylene derivatives as antipruritic ectoparasiticide. 4,497,831, 2-5-85, Cl. 514-717.000.
- Lovercheck, Dale R.; and Curran, George P., to Conoco Inc. Hydride cold start container in fuel treatment and distribution apparatus and method. 4,499,864, 2-19-85, Cl. 123-3.000.
- Lovett, Eva G.: *See—*
  - Bellos, Thomas J.; and Lovett, Eva G., 4,505,839, Cl. 252-344.000.
- Lovey, Raymond G.: *See—*
  - Bristol, James A.; and Lovey, Raymond G., 4,507,294, Cl. 514-249.000.
- Lovgren, Eric M.: *See—*
  - Schmidt, Lawrence R.; and Lovgren, Eric M., 4,511,535, Cl. 422-137.000.
- Lovgren, Timo; and Lavi, Jukka, to Wallac Oy. Bioluminescence method for determining NADH or NADPH. 4,501,813, 2-26-85, Cl. 435-8.000.
- Lovick, John: *See—*
  - Woodward, Antony L.; Tyler, George; and Lovick, John, 4,562,145, Cl. 430-538.000.
- Lovick, Richard B.; and Firestone, William L., to RCA Corporation. Television descrambler with security plug having folded flexible printed circuit board providing tier tag memory. 4,494,143, 1-15-85, Cl. 358-122.000.
- Lovin, Arthur. Sand trap practice device. 4,535,989, 8-20-85, Cl. 273-176.0FB.
- Lovinger, Gerald G.; and Whitehead, Susan A., to W. R. Grace & Co. Microorganism strains for the fermentative preparation of L-serine. 4,528,273, 7-9-85, Cl. 435-116.000.
- Lovisolo, Pier P.: *See—*
  - Cozzi, Paolo; Pillan, Antonio; and Lovisolo, Pier P., 4,492,707, Cl. 424-273.00R.
  - Doria, Gianfederico; Passarotti, Carlo; Lovisolo, Pier P.; and Buttinoni, Ada, 4,521,419, Cl. 514-267.000.
- Lovitt, Robert O., to Fredrick, Michael Douglas. Self-cleaning cage. 4,498,421, 2-12-85, Cl. 119-17.000.
- Low, Edgar: *See—*
  - Baetz, Wolfgang; Graefer, Albrecht; and Low, Edgar, 4,545,421, Cl. 164-397.000.
- Low, George J.: *See—*
  - Losiowski, John J.; and Low, George J., 4,546,686, Cl. 83-874.000.
- Low, Howard M.: *See—*
  - Steklenski, David J.; Upson, Donald A.; and Low, Howard M., 4,507,385, Cl. 430-523.000.
- Low, Martin: *See—*
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- Low, Miklos: *See—*
  - Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
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- Low, Robert N.: *See—*
  - Buck, Roy T.; Cloutier, Frank L.; Erni, R. Ernst; Low, Robert N.; and Terry, F. Duncan, 4,500,895, Cl. 346-140.00R.
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- Low, Teresa L. K.: *See—*
  - Goldstein, Allan L.; Low, Teresa L. K.; McClure, John; and Naylor, Paul H., 4,543,340, Cl. 436-542.000.
- Lowbridge, John: *See—*
  - Pyne, William J.; Lowbridge, John; Chang, In-Kook; Knotz, Florian; and Powers, Larry J., 4,545,810, Cl. 71-92.000.
- Lowd, David L.; Sobolewski, Gerald J.; Lowd, Lynne R.; and Sobolewski, Barbara. Personal urinal device. 4,531,245, 7-30-85, Cl. 4-144.300.
- Lowd, Lynne R.: *See—*
  - Lowd, David L.; Sobolewski, Gerald J.; Lowd, Lynne R.; and Sobolewski, Barbara, 4,531,245, Cl. 4-144.300.
- Lowden, Colin B. Time keeping and recording device. 4,502,788, 3-5-85, Cl. 368-10.000.
- Lowe Alpine Systems, Inc.: *See—*
  - Lowe, Greg E.; and Jordan, Harold A., 4,561,576, Cl. 224-209.000.
- Lowe, Anthony C.: *See—*
  - Kirkman, David H.; Lowe, Anthony C.; Wood, John C.; and Golledge, Ian, 4,545,650, Cl. 350-357.000.
- Lowe, Barrie M.: *See—*
  - Casci, John L.; Lowe, Barrie M.; and Whittam, Thomas V., 4,528,171, Cl. 423-277.000.
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- Lowe, Christopher R.; and Earley, Fergus G. P., to National Research Development Corporation. Diagnostic device incorporating a biochemical ligand. 4,562,157, 12-31-85, Cl. 435-291.000.
- Lowe, Clifford E.: *See—*
  - Durenec, Peter; and Lowe, Clifford E., 4,524,675, Cl. 89-41.030.
- Lowe, Colin F. Sheet metal beam. 4,490,958, 1-1-85, Cl. 52-634.000.
- Lowe, David A.; Romancik, Guna; Cappelletti, Leonardo M.; and Elander, Richard P., to Bristol-Myers Company. Production of cephalosporin C. 4,520,101, 5-28-85, Cl. 435-49.000.
- Lowe, Greg E.; and Jordan, Harold A., to Lowe Alpine Systems, Inc. Video equipment bag. 4,561,576, 12-31-85, Cl. 224-209.000.
- Lowe, Henry E. Bulk storage building structure. 4,503,646, 3-12-85, Cl. 52-198.000.
- Lowe, Henry E., Jr. Musical hat, cap or similar head covering. 4,525,878, 7-2-85, Cl. 2-185.00R.
- Lowe, Henry E., Jr. Package of litter material for cats and other small animals. 4,537,148, 8-27-85, Cl. 119-1.000.
- Lowe, Henry M.: *See—*
  - Viets, Alan K.; Amerine, James D.; and Lowe, Henry M., 4,491,254, Cl. 222-83.500.
- Lowe, James R., to McDonnell Douglas Corporation. Conformal head-up display. 4,554,545, 11-19-85, Cl. 340-980.000.
- Lowe, Lawrence A.: *See—*
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- Lowe, Lynnwood, to Pitney Bowes Inc. Auxiliary printing device for a postage meter. 4,519,311, 5-28-85, Cl. 101-109.000.
- Lowe, Richard S.: *See—*
  - Vella, Paul J.; Garel-Jones, Philip M.; and Lowe, Richard S., 4,551,019, Cl. 356-73.100.
- Loweg, Heribert: *See—*
  - Schulze, Hans-Horst; Loweg, Heribert; and Schneider, Karl-Heinz, 4,501,044, Cl. 15-312.00R.
- Lowel-Lighy Manufacturing, Inc.: *See—*
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- Lowell, Freeman H. Method for developing and fixing latent fingerprints. 4,556,579, 12-3-85, Cl. 427-1.000.
- Lowell, Herman H. Spoked multiple-wheel printer. 4,494,884, 1-22-85, Cl. 400-144.200.

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Lowenhaupt, E. Harris; Litz, John E.; and Hoe, Dennis L., to California Nickel Corporation. Recovery of nickel and cobalt by controlled sulfuric acid leaching. 4,541,868, 9-17-85, Cl. 75-101.00R.
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Lowenhaupt, E. Harris; Litz, John E.; and Howe, Dennis L., to California Nickel Corporation. Method of recovering nickel from laterite ores. 4,548,794, 10-22-85, Cl. 423-123.000.
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Lowenthal, Richard W.; Seike, Stephen C.; and Walsh, Gregory V., to Convergent Technologies, Inc. Keyboard scanning and interface method and circuit. 4,502,038, 2-26-85, Cl. 340-365.00S.
Lower, Loren D.; Marzocchi, Alfred; Ponn, Frederick H., III; and Roberts, Michael G., to Owens-Corning Fiberglas Corporation. Chemically modified asphalt protective coating solution and concrete coated with same. 4,507,365, 3-26-85, Cl. 428-489.000.
Lower, Ralph C.; and Murray, Gary P., to Robinair Division. Two stage vacuum pump. 4,523,897, 6-18-85, Cl. 417-244.000.
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Lowery, Jack R., Sr.; and Payet, George L., to Springs Industries, Inc. Apparatus and process for ultrasonically cutting off predetermined widths of selvages and sealing the cut edges of textile fabric. 4,496,407, 1-29-85, Cl. 156-73.300.
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Billingsley, James D., 4,530,010, Cl. 358-231.000.
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Lu-Dai Sung, Rodney; Sweeney, William M.; and Zoleski, Benjamin H., to Texaco Inc. Wear-resistant aircraft engine lubricating oil. 4,514,311, 4-30-85, Cl. 252-32.500.
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Lu, James W. B. Inclined radially louvered fin heat exchanger. 4,550,776, 11-5-85, Cl. 165-151.000.
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Lu, Pang-Chia, to Mobil Oil Corporation. Microwavable plastic containers with heat and grease resistant layer comprising impact polymer. 4,505,962, 3-19-85, Cl. 428-35.000.
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Lubinsky, Anthony R.; Denton, Gary A.; Keller, Paul D.; and Williams, James E., to Xerox Corporation. Multi-roll development system. 4,537,494, 8-27-85, Cl. 355-3.0DD.
Lubke, Herbert; and Stascheit, Winfried, to Windmoller & Holscher. Apparatus for impression throw-on and throw-off and, for changing cylinders, and for causing a long stroke to be executed by an impression cylinder of a rotary gravure press. 4,527,474, 7-9-85, Cl. 101-247.000.
Lubke, Wilfried, to Siemens Aktiengesellschaft. Liquid-ring compressor for gases. 4,522,560, 6-11-85, Cl. 415-210.000.
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Lucas, Gary M., to General Electric Company. Acetamide scavengers for RTV silicone rubber compositions. 4,503,209, 3-5-85, Cl. 528-18.000.
Lucas, Gary M.; and Dziark, John J., to General Electric Company. Adhesion promoters for one-component RTV silicone compositions. 4,528,353, 7-9-85, Cl. 528-21.000.
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  White, Mary A.; Beers, Melvin D.; Lucas, Gary M.; Smith, Robert A.; and Swiger, Roger T., 4,517,352, Cl. 528-18.000.
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  Young, Donald A.; and Wilson, Ronald, 4,528,470, Cl. 310-78.000.
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  Ashman, Glynn; Berry, Kelvin T.; and Winterbottom, Martin E., 4,524,677, Cl. 92-168.000.
  Beaumont, Paul, 4,561,827, Cl. 417-223.000.
  Best, Christopher H.; and Seilly, Alec H., 4,544,905, Cl. 336-136.000.
  Best, Christopher H., 4,548,177, Cl. 123-357.000.
  Holroyd, Ralph; and Spiller, Peter O., 4,520,782, Cl. 123-450.000.
  Meyer, Carl; and Madzgalla, Hans G., 4,527,669, Cl. 188-73.380.
  Nicholls, Lawrence G., 4,519,481, Cl. 188-322.170.
  Palmer, Christopher W.; and Hughes, Ronald M., 4,558,766, Cl. 188-79.50B.
  Sharpe, Raymond; Griffiths, Trevor J.; and Hunt, Peter, 4,537,578, Cl. 464-31.000.
  Taft, Phillip A., 4,559,780, Cl. 60-548.000.
  Williams, Francis V., 4,511,020, Cl. 188-73.390.
  Williams, Malcolm; Tingey, Albert R.; Southgate, John P.; and Russell, Steven J., 4,512,319, Cl. 123-492.000.
  Williams, Malcolm, 4,552,113, Cl. 123-436.000.
  Woodhouse, John L., 4,560,629, Cl. 429-184.000.
Lucas Industries Public Limited Company: *See*—
  Allport, Maurice J., 4,535,264, Cl. 310-232.000.
  Archer, Michael A., 4,519,351, Cl. 123-357.000.
  Brearley, Malcolm; and Hurst, David C., 4,530,059, Cl. 364-426.000.
  Brearley, Malcolm; and Farr, Glyn P. R., 4,547,022, Cl. 303-6.00C.
  Brotherston, Colin P., 4,546,745, Cl. 123-387.000.
  Brown, David J.; Markin, Trevor L.; and Dell, Ronald M., 4,492,744, Cl. 429-217.000.
  Burborough, William R., 4,512,727, Cl. 417-462.000.
  Burrage, Robert G., 4,504,905, Cl. 364-200.000.
  Butler, Edwin G.; and Szweda, Andrew, 4,506,020, Cl. 501-97.000.
  Caddy, Stephen W.; and Holmes, Michael, 4,558,684, Cl. 123-609.000.
  Campbell, Graeme R., 4,496,888, Cl. 318-284.000.
  Dawes, Cyril; and Smith, John D., 4,496,401, Cl. 148-16.500.
  Farr, Glyn P. R., 4,503,876, Cl. 137-101.000.
  Farr, Glyn P. R., 4,543,976, Cl. 137-101.000.
  Farr, Glyn P. R., 4,556,261, Cl. 303-116.000.
  Fenne, Ivor, 4,493,621, Cl. 417-462.000.
  Fenne, Ivor, 4,524,799, Cl. 137-516.270.
  Francis, John H.; Deller, Nigel A.; and Perkins, Clive L., 4,558,591, Cl. 73-116.000.
  Gaskell, David J., 4,549,696, Cl. 239-452.000.
  Gaskell, David J., 4,552,310, Cl. 239-533.500.

  Goodwin, Alan; and Brearley, Malcolm, 4,502,006, Cl. 324-208.000.
  Harris, Kenneth M., 4,543,914, Cl. 123-41.310.
  Harrison, Anthony W.; and Goudie, Robert J., 4,497,505, Cl. 280-698.000.
  Harrison, Anthony W., 4,508,140, Cl. 137-501.000.
  Hill, Michael; Megaw, John H. P. C.; and Harvey, Howard, 4,514,613, Cl. 219-121.0EC.
  Howes, Peter, 4,508,489, Cl. 417-221.000.
  Ingram, Brian; and England, Michael J., 4,535,875, Cl. 188-106.00F.
  Innocent, David B., 4,506,768, Cl. 188-370.000.
  Jarrett, Boaz A.; Fenne, Ivor; Lakin, David F.; and Mowbray, Dorian F., 4,501,244, Cl. 123-446.000.
  Kriz, Miroslav; and Harris, Kenneth M., 4,535,641, Cl. 74-53.000.
  Lintott, Edward R., 4,505,245, Cl. 123-451.000.
  Logie, Frank M.; and Phillips, Ronald, 4,504,810, Cl. 335-261.000.
  Logie, Frank M., 4,553,121, Cl. 335-261.000.
  Martin, Timothy J.; Page, Bernard T.; and Hooper, Francis H. A., 4,546,861, Cl. 188-79.5GE.
  Moloney, Kieron J., 4,519,299, Cl. 92-129.000.
  Moore, John H.; and Harvey, Ian J., 4,523,563, Cl. 123-359.000.
  Mowbray, Dorian F., 4,509,487, Cl. 123-458.000.
  Mowbray, Dorian F., 4,522,182, Cl. 123-509.000.
  Osborne, Colin T., 4,540,939, Cl. 324-127.000.
  Price, Anthony G.; and Gornall, Graham J., 4,534,172, Cl. 60-578.000.
  Price, Anthony G.; and Edwards, Roy E., 4,549,636, Cl. 188-71.400.
  Price, Anthony G.; and Campbell, Roy, 4,550,810, Cl. 188-71.400.
  Price, Anthony G.; and Parry, David, 4,553,395, Cl. 60-562.000.
  Price, Anthony G., 4,557,110, Cl. 60-581.000.
  Rath, Heinrich B., 4,491,205, Cl. 188-73.390.
  Redston, Hugh W.; and Potter, James C., 4,540,155, Cl. 251-129.200.
  Reynolds, Desmond H.; and Taft, Phillip A., 4,501,451, Cl. 303-6.00A.
  Reynolds, Desmond H. J., 4,490,979, Cl. 60-581.000.
  Reynolds, Desmond H. J.; and Taft, Phillip A., 4,508,012, Cl. 91-512.000.
  Reynolds, Desmond H. J.; Price, Anthony G.; and Campbell, Roy, 4,547,967, Cl. 303-7.000.
  Richmond, Anthony J. C., 4,523,365, Cl. 29-527.400.
  Schmitt, Michel, 4,491,202, Cl. 188-71.500.
  Seilly, Alec H.; and Murray, Andrew E., 4,523,569, Cl. 123-458.000.
  Sinclair, Walter, 4,502,152, Cl. 455-73.000.
  Skinner, Robert T. J., 4,499,884, Cl. 123-506.000.
  Skinner, Robert T. J., 4,509,691, Cl. 239-533.900.
  Skinner, Robert T. J., 4,535,939, Cl. 239-533.300.
  Skinner, Robert T. J., 4,537,359, Cl. 239-533.600.
  Smith, Robert J., 4,498,710, Cl. 303-6.00R.
  Tarplee, Michael K., 4,516,400, Cl. 60-535.000.
  Warnock, Robert J., 4,492,289, Cl. 188-79.5GE.
  Wheatley, William T., 4,512,884, Cl. 210-136.000.
  Williams, Derek, 4,516,547, Cl. 123-198.00A.
  Wloczyk, Uwe, 4,511,185, Cl. 303-6.00C.

Lucas, Jacques; and Fonteneau, Gilles, to Centre National de la Recherche Scientifique. Halogen glasses modified with carbon disulphide and process of preparation. 4,560,667, 12-24-85, Cl. 501-40.000.

Lucas, James A., to AT&T Bell Laboratories. Bulk/interactive data switching system. 4,539,676, 9-3-85, Cl. 370-60.000.

Lucas, James M., to Milchem Incorporated. Drilling fluid containing a copolymer filtration control agent. 4,547,299, 10-15-85, Cl. 252-8.50C.

Lucas, Jean; Goupillon, Jean-Francois; and Drouin, Bernard, to Centre National du Machinisme Agricole, du Genie Rural, des Eaux et des Forets. Method and apparatus for sustaining an oscillatory movement. 4,503,767, 3-12-85, Cl. 100-214.000.

Lucas, Jean: *See—*
  Gille, Etienne; Lucas, Jean; Mechineau, Didier; and Monod, Marie-Odile, 4,522,841, Cl. 427-4.000.

Lucas, Jean-Claude. Device for the formation of a joint for an industrial type flooring. 4,507,902, 4-2-85, Cl. 52-370.000.

Lucas, John J.: *See—*
  Wolvek, Sidney; Hanson, Bruce L.; and Lucas, John J., 4,531,512, Cl. 128-1.00D.

Lucas, Joshua M. S., to May & Baker Limited. Deposit device for delivering biologically active substances to the digestive tract and method of using same. 4,505,711, 3-19-85, Cl. 604-892.000.

Lucas, Louis, Jr.: *See—*
  Jabagchourian, Hrair; and Lucas, Louis, Jr., 4,506,244, Cl. 335-151.000.

Lucas, Mariann E.: *See—*
  Steinberg, Albert H.; Petruccelli, Frank; Lucas, Mariann E.; and Zlatkevich, Lev, 4,548,779, Cl. 264-255.000.

Lucas, Michael R., to United States of America, Navy. Method for interconnecting close lead center integrated circuit packages to boards. 4,531,285, 7-30-85, Cl. 29-827.000.

Lucas, Michael R., to Westinghouse Electric Corp. Low stress leadless chip carrier and method of assembly. 4,554,575, 11-19-85, Cl. 357-80.000.

Lucas, Peter; and Staveley, John. Detachable bag intended particularly for use with a mobile container. 4,560,096, 12-24-85, Cl. 224-42.420.

Lucas, Raymond, to Bobst SA. Device for severing blanks of a batch of die cut sheets. 4,500,022, 2-19-85, Cl. 225-97.000.

Lucas, Robert G., to Beloit Corporation. Web tension load cell. 4,549,701, 10-29-85, Cl. 242-75.300.

Lucas, Robert L. Bookbinding device. 4,537,546, 8-27-85, Cl. 412-10.000.

Lucas, Victor A., to Caterpillar Tractor Co. High strength bucket. 4,523,397, 6-18-85, Cl. 37-118.00R.

Lucasfilm Ltd.: *See—*
  Moorer, James A., 4,497,023, Cl. 364-200.000.
  Stock, Rodney D.; and Newman, Gary H., 4,524,240, Cl. 174-68.500.

Lucast, Donald H.; Shubkin, Ronald L.; Filbey, Allen H.; and Wollensak, John C., to Ethyl Corporation. Polyurethanes from dialkyl diaminobenzenes and processes therefor. 4,526,905, 7-2-85, Cl. 521-51.000.

Lucatuorto, Peter: *See—*
  Thomas, Walter; and Lucatuorto, Peter, 4,511,621, Cl. 428-285.000.

Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., to International Flavors & Fragrances Inc. Flavoring some tropical flavored foodstuffs with mixture of C_4–C_{10} -N-alkanoic acid and ethyl ester of 2-hydroxy-4-methyl pentanoic acid. 4,499,114, 2-12-85, Cl. 426-534.000.

Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., to International Flavors & Fragrances Inc. Mixtures of one or more C_4–C_{10}-n-alkanoic acids with the ethyl ester of 2-hydroxy-4-methyl pentanoic acid. 4,526,798, 7-2-85, Cl. 426-534.000.

Luccarelli, Domenick, Jr.: *See—*
  Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,541,950, Cl. 252-522.00R.
  Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., 4,559,168, Cl. 252-522.00A.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,515,712, Cl. 252-522.00R.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,522,765, Cl. 260-463.000.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,525,364, Cl. 426-3.000.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,536,299, Cl. 252-8.600.
  Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,512,919, Cl. 252-522.00R.
  Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,533,746, Cl. 560-144.000.

Lucchesi, Armand P., to J. C. Penney Company, Inc. Telephone having circuitry for reducing the audio output of the ringing signal. 4,504,701, 3-12-85, Cl. 179-84.00T.

Lucchi, George A.; and Alisobhani, Jalal, to Sperry Corporation. Radar terrain signal suppressor. 4,533,915, 8-6-85, Cl. 343-5.00W.

Lucchini, Giuseppe, to Fiat Auto S.p.A. Electric level sensor for motor vehicle fuel tanks. 4,557,144, 12-10-85, Cl. 73-313.000.

Lucci, Robert, to Hoffmann-La Roche Inc. Preparation of 13-cis retinoic acid. 4,556,518, 12-3-85, Cl. 260-413.000.

Luce, David A.: *See—*
  Clark, Melville, Jr.; and Luce, David A., 4,503,745, Cl. 84-1.100.

Luce, Mark C.: *See—*
  Starkston, Robert; Luce, Mark C.; and Homsy, Robert V., 4,539,189, Cl. 423-220.000.

Luce, Robert S.; and Quinn, Ross A., to Lockheed Missiles & Space Company, Inc. Ion concentration monitor. 4,506,226, 3-19-85, Cl. 324-459.000.

Luce, Robert S.; Quinn, Ross A.; and Rowley, Leroy S., to Lockheed Missiles & Space Company, Inc. Colorimeter. 4,519,710, 5-28-85, Cl. 356-411.000.

Luceri, Thomas J.; and Molee, Kenneth J., to Personal Products Company. Embossed panty liner. 4,518,451, 5-21-85, Cl. 156-202.000.

Lucey, Leslie G. Multi-spindle automatic screw machine. 4,524,654, 6-25-85, Cl. 82-3.000.

Lucey, Michael F., to Sprague Electric Company. Electronic component with UV-cured coating. 4,514,468, 4-30-85, Cl. 428-418.000.

Lucey, William H.: *See—*
  Lozeau, Arthur; and Lucey, William H., 4,522,526, Cl. 402-37.000.

Luchaco, David G.; and Ference, Jonathan H., to Lutron Electronics Co., Inc. Pulse network for fluorescent lamp dimming. 4,540,917, 9-10-85, Cl. 315-291.000.

Luchaco, David G.: *See—*
  Capewell, Dennis; Luchaco, David G.; and Spira, Joel S., 4,527,099, Cl. 315-291.000.
  Longenderfer, John E.; Luchaco, David G.; and Capewell, Dennis, 4,558,262, Cl. 315-307.000.

Luchetti, Lorenzo, to Interimport F. Caceffo GmbH. Heat efficient cooking apparatus. 4,543,878, 10-1-85, Cl. 99-330.000.

Luchi, Luciano; and Negri, Ettore, to Officine Savio S.p.A. Procedure for processing with circular knitting machines and circular machines adopting said procedure. 4,541,253, 9-17-85, Cl. 66-14.000.

Luchko, Viktor N.: *See—*
  Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A., 4,526,758, Cl. 422-122.000.
  Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir

K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.

Luchsinger, Patrick M. *See—*
Jackson, Robert C.; and Luchsinger, Patrick M., 4,540,540, Cl. 264-272.110.

Lucht Engineering, Inc.: *See—*
Bartz, Stephen A., 4,506,824, Cl. 234-28.000.

Luchtenberg, Helmut: *See—*
Hegasy, Ahmed; Rupp, Roland; Ramsch, Klaus-Dieter; and Luchtenberg, Helmut, 4,562,069, Cl. 424-80.000.

Luchterhand, Heinz: *See—*
Hammer, Klaus-Dieter; Winter, Hermann; Kindl, Erwin; and Luchterhand, Heinz, 4,543,282, Cl. 428-36.000.

Lucia, Carroll J.; and Lucia, George C. Transmission tester. 4,520,659, 6-4-85, Cl. 73-118.000.

Lucia, George C.: *See—*
Lucia, Carroll J.; and Lucia, George C., 4,520,659, Cl. 73-118.000.

Lucia, Joseph T.: *See—*
Danforth, Philip G.; Bucko, Thomas G.; Galliher, Kenneth R.; Lucia, Joseph T.; Miller, Richard L.; and Straw, Timothy B., 4,518,915, Cl. 324-158.00R.

Lucian, Anton; and Geiger, Kurt, to Aktiengesellschaft Adolph Saurer. Rapier or gripper weaving machine. 4,520,848, 6-4-85, Cl. 139-1.00R.

Luciani, Wayne. Taping doughnut. 4,500,580, 2-19-85, Cl. 428-43.000.

Lucic, Ivan: *See—*
Zurinski, Viktor; Lucic, Ivan; and Barthelmes, Karlheinz, 4,542,747, Cl. 128-660.000.

Lucieer, Wouter B.: *See—*
Ouwerkerk, Johannes H. W.; Lucieer, Wouter B.; and Cramer, Rudolph E., 4,521,117, Cl. 366-165.000.

Lucien, Jacques P., to Shell Oil Company. Process for the preparation of a C_2–C_4 paraffin dehydrogenation catalyst. 4,542,248, 9-17-85, Cl. 585-322.000.

Lucien, Jacques P.: *See—*
Neel, Emmanuel E. A.; Levavasseur, Jacques A.; and Lucien, Jacques P., 4,547,283, Cl. 208-46.000.

Lucien, Staub, to National Company Air France, The. Leg-rest, notably for transport vehicles and especially for aeroplanes. 4,534,594, 8-13-85, Cl. 297-438.000.

Lucitron, Inc.: *See—*
Glaser, David; and Whelchel, Charles J., 4,550,039, Cl. 428-13.000.

Luck, Clarence F., Jr., to Raytheon Company. Method of focusing optical apparatus. 4,501,962, 2-26-85, Cl. 250-201.000.

Luck, Harald. Fluorescent lamp ballast. 4,496,880, 1-29-85, Cl. 315-228.000.

Luck, Stephen K. Handle for strap wrenches and other tools. 4,543,858, 10-1-85, Cl. 81-64.000.

Luck, Terry C.; and Marsden, Paul R., to Intercraft Designs Limited. Screening apparatus. 4,497,356, 2-5-85, Cl. 160-135.000.

Lucke, Hans-Hermann; and Jessen, Jens-Christian, to Brown, Boveri & Cie AG. Electrochemical storage cell. 4,497,879, 2-5-85, Cl. 429-62.000.

Lucke, Herbert: *See—*
Koszytorz, Gunther; Lucke, Herbert; Schlosser, Gerhard; and Vath, Joachim, 4,493,990, Cl. 250-201.000.

Luckfiel, Karl-Heinz: *See—*
Tamm, Franz; Horicke, Bernhard; Welfle, Kurt; Seidel, Michael; Tettke, Wolfgang; and Luckfiel, Karl-Heinz, 4,551,183, Cl. 148-12.00R.

Luckhardt, Gunther: *See—*
Jorns, Peter; Meyer, Norbert; Rausch, Werner; Rothkegel, Josef; Luckhardt, Gunther; and Volling, Gudrun, 4,559,087, Cl. 148-6.15Z.

Lucki, Stanley J.: *See—*
Chester, Arthur W.; Garwood, William E.; Lucki, Stanley J.; and Tabak, Samuel A., 4,524,232, Cl. 585-517.000.

Luckit Pty. Limited: *See—*
Cashmere, Raymond A., 4,561,664, Cl. 280-18.000.

Lucky, Bobby D., to Lucky Manufacturing Co. Radial arm timber saw and power controller therefor. 4,531,440, 7-30-85, Cl. 83-471.200.

Lucky Manufacturing Co.: *See—*
Lucky, Bobby D., 4,531,440, Cl. 83-471.200.

Luco-Technic GmbH Verfahrenstechnische Anlagen: *See—*
Grun, Gustav; and Borgner, Klaus, 4,543,029, Cl. 414-412.000.

Lucous, Robert W. Box for wrapping and transporting flexible cordlike structure. 4,511,037, 4-16-85, Cl. 206-396.000.

Luczak, Francis J., to United Technologies Corporation. Single-batch process to prepare noble metal vanadium alloy catalyst on a carbon based support. 4,513,094, 4-23-85, Cl. 502-101.000.

Luddeke, Daniel G.: *See—*
Wheeler, Lionel H.; Goekler, Robert G.; and Luddeke, Daniel G., 4,493,203, Cl. 72-369.000.

Ludden, Theodore E. Troll meter. 4,548,073, 10-22-85, Cl. 73-185.000.

Luddy, Michael A. G.: *See—*
Abbott, Scot D.; and Luddy, Michael A. G., 4,521,521, Cl. 436-517.000.

Ludecke, Otto A.; and Stark, Terrence L., to General Motors Corporation. Diesel exhaust cleaner with alternating glow plug burner system. 4,531,363, 7-30-85, Cl. 60-303.000.

Ludecke, Otto A.: *See—*
Dimick, David L.; Bly, Kenneth B.; and Ludecke, Otto A., 4,509,966, Cl. 55-502.000.
Stark, Terrence L.; and Ludecke, Otto A., 4,503,672, Cl. 60-286.000.

Ludecke, Werner: *See—*
Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.
Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,548,729, Cl. 252-174.210.

Ludenbach, Karl; and Huhn, Erhard, to Dienes Werke fur Maschinenteile GmbH & Co. KG. Disc valve. 4,516,602, 5-14-85, Cl. 137-512.150.

Ludens, James H.: *See—*
Hester, Jackson B., Jr.; and Ludens, James H., 4,514,407, Cl. 514-220.000.

Luder, Ernst; and Kallfass, Traugott, to Endress u. Hauser GmbH u. Co. Method of manufacturing a moisture sensor. 4,541,904, 9-17-85, Cl. 204-38.300.

Luder, Rainer; and Haussmann, Wolfgang, to Siemens Aktiengesellschaft. Method and apparatus for controlling the digital chrominance signals of a color television receiver. 4,523,223, 6-11-85, Cl. 358-27.000.

Luder, Rainer: *See—*
Haussmann, Wolfgang; and Luder, Rainer, 4,527,145, Cl. 358-19.000.

Ludewig, Reinhard: *See—*
Heynacher, Erich; and Ludewig, Reinhard, 4,538,911, Cl. 356-358.000.

Ludin, Ludwig: *See—*
Laing, Karsten; Laing, Oliver; and Ludin, Ludwig, 4,516,721, Cl. 237-69.000.

Ludington, Charlotte E., to United States of America, Air Force. Hybrid Schottky infrared focal plane array. 4,536,658, 8-20-85, Cl. 250-578.000.

Ludington, Charlotte E.: *See—*
Pellegrini, Paul W.; Ludington, Charlotte E.; Golubovic, Aleksandar; and Weeks, Melanie M., 4,533,933, Cl. 357-15.000.
Shepherd, Freeman D., Jr.; Pellegrini, Paul W.; Ludington, Charlotte E.; and Weeks, Melanie M., 4,531,055, Cl. 250-211.00J.

Ludke, Hartmut: *See—*
Tolle, Hans; Frech, Karl; and Ludke, Hartmut, 4,560,586, Cl. 427-134.000.

Ludlow Corporation: *See—*
Long, Florren E., 4,509,197, Cl. 383-106.000.

Ludlow Industries, Inc.: *See—*
Gruber, George E., 4,551,663, Cl. 318-482.000.

Ludman, Jacques E.; Sampson, John L.; and Caulfield, Henry J. Fiber stellar interferometer. 4,505,588, 3-19-85, Cl. 356-354.000.

Ludman, Jacques E. Interferometric angular measurement system. 4,516,854, 5-14-85, Cl. 356-363.000.

Ludman, Jacques E. Optical correlator. 4,539,651, 9-3-85, Cl. 364-822.000.

Ludman, Jacques E.; Sampson, John L.; and Caulfield, Henry J. Fiber fourier spectrometer. 4,558,951, 12-17-85, Cl. 356-346.000.

Ludman, Jacques E.: *See—*
Miceli, William J.; and Ludman, Jacques E., 4,533,829, Cl. 250-227.000.

Ludolph, Jurgen: *See—*
Goeke, Eberhard; and Ludolph, Jurgen, 4,505,719, Cl. 48-202.000.

Ludovico, Bruni, to AE PLC. Pistons with combustion bowl inserts. 4,494,501, 1-22-85, Cl. 123-193.0CP.

Ludowyk, Christopher J., to Commonwealth of Australia, The. Gating circuit with spurious signal prevention means. 4,494,013, 1-15-85, Cl. 307-241.000.

Ludscheidt, Horst. Tool for cleaning and removing deposited material, particularly from motor vehicle brake drums. 4,547,928, 10-22-85, Cl. 15-364.000.

Ludtke, Gerald W., to Motorola, Inc. Quick disconnect waveguide locking mechanism. 4,514,708, 4-30-85, Cl. 333-255.000.

Luduena, Richard F., to Board of Regents, The University of Texas System. Bis-amide disulfide cleavable cross-linking reagents. 4,511,501, 4-16-85, Cl. 260-112.00R.

Ludvigsen, Erik, to Alfa-Laval Separation A/S. Conveyor screw with wear-resistant members attached to its operative surface. 4,519,496, 5-28-85, Cl. 198-676.000.

Ludvigsson, Bjorn M., to Boliden Aktiebolag. Method for continually controlling the quality of cathode copper. 4,555,942, 12-3-85, Cl. 73-433.000.

Ludwick, Lanny E. One piece sanitary diaper changing station. 4,522,381, 6-11-85, Cl. 269-328.000.

Ludwig, Albert R., to General Signal Corporation. Small volume mixing and recirculating apparatus. 4,496,244, 1-29-85, Cl. 366-136.000.

Ludwig Boschert GmbH & Co., KG: *See—*
Fazis, Harald, 4,535,665, Cl. 83-556.000.

Ludwig, Charles H.: *See—*
Bannerman, Wyburn G.; and Ludwig, Charles H., 4,492,729, Cl. 428-283.000.

Ludwig, Emil: *See—*
Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.

Ludwig Fahrmbacher-Lutz: *See—*
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- Ludwig Heumann & Co. GmbH: *See—*
  - Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.
- Ludwig, Hubert, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Carriage with advantageous flow characteristics for vehicles. 4,505,507, 3-19-85, Cl. 296-1.00S.
- Ludwig, Klenk: *See—*
  - Kastl, Erna; Ludwig, Klenk; and Faust, Horst, 4,546,023, Cl. 428-36.000.
- Ludwig, Peter; and Steiner, Meinrad, to Mettler Instrumente AG. Method and system for displaying relative values on a multi-segment display. 4,554,988, 11-26-85, Cl. 177-178.000.
- Ludwig, Vernon L.: *See—*
  - Ruda, Jerome; and Ludwig, Vernon L., 4,548,294, Cl. 182-206.000.
- Ludwig, Walter: *See—*
  - Arndt, Peter J.; Ludwig, Walter; Munzer, Manfred; Siol, Werner; and Wenzel, Franz, 4,521,567, Cl. 525-261.000.
- Ludwigsen, Jill L.: *See—*
  - Ludwigsen, John S.; Ludwigsen, Jill L.; and Gallagher, Terry A., 4,509,344, Cl. 62-76.000.
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- Ludwigsen, John S., to Chicago Bridge & Iron Company. Passive structure with energy absorbing capacity. 4,511,115, 4-16-85, Cl. 248-562.000.
- Lue, Ping-Chang: *See—*
  - Ratkowski, Donald J.; and Lue, Ping-Chang, 4,535,138, Cl. 526-279.000.
- Luebeck, Duane A.: *See—*
  - Snyder, Irving F.; and Luebeck, Duane A., 4,553,700, Cl. 239-215.000.
- Luebke, Roger D., to Harnischfeger Corporation. Stacker crane having narrow mast structure. 4,538,954, 9-3-85, Cl. 414-633.000.
- Luebrecht, Donald; and Klopfleisch, Kim A., to Crown Controls Corporation. Material handling vehicle having improved chain monitoring. 4,499,971, 2-19-85, Cl. 187-9.00R.
- Luebrecht, Donald; and Thobe, Nicholas D., to Crown Controls Corporation. Apparatus for sideshift carriage control. 4,543,031, 9-24-85, Cl. 414-631.000.
- Luebrecht, Donald, to Crown Controls Corporation. Lift truck. 4,552,250, 11-12-85, Cl. 187-9.00E.
- Luecke, Beth E.: *See—*
  - Zaruba, John V.; Hanson, Steven P.; Luecke, Beth E.; and Kuna, Wayne A., 4,514,175, Cl. 434-82.000.
- Luecke, Greg R.: *See—*
  - Jeffery, Philip A. E.; and Luecke, Greg R., 4,555,219, Cl. 416-158.000.
- Luecke, James R., to Harris Corporation. Decision-directed, automatic frequency control technique for non-coherently demodulated M-ARY frequency shift keying. 4,518,922, 5-21-85, Cl. 329-50.000.
- Luecke, Robert A.: *See—*
  - Johnson, Oscar; and Luecke, Robert A., 4,518,681, Cl. 430-532.000.
- Luecke, Wolfgang; Beneke, Herbert; and Friedrich, Bodo, to Rutgerswerke Aktiengesellschaft. Acid-modified, aromatic hydrocarbon resins and method for their production. 4,539,388, 9-3-85, Cl. 528-271.000.
- Lueddecke, Erik: *See—*
  - Horn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, 4,522,743, Cl. 252-311.000.
  - Nissen, Axel; Horner, Michael; Horn, Dieter; Lueddecke, Erik; and Teege, Gernot, 4,511,685, Cl. 524-110.000.
- Lueders, Arthur L.: *See—*
  - Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., 4,560,472, Cl. 210-140.000.
- Lueders, Willi H., to General Motors Corporation. Transducer clamping device. 4,513,933, 4-30-85, Cl. 248-27.100.
- Luehring, Elmer L., to Joslyn Mfg. and Supply Co. Modular vacuum interrupter. 4,527,028, 7-2-85, Cl. 200-144.00B.
- Lueker, Jonathan C.; and Zandonatti, Raymond A. Miniature thermomagnetic relay. 4,504,809, 3-12-85, Cl. 335-208.000.
- Luening, Alan R.; and Borkowski, Robert A., to Applied Power Inc. Support for the drive components of a front wheel drive vehicle. 4,558,849, 12-17-85, Cl. 254-134.000.
- Luenser, Susan J.: *See—*
  - Keller, Frederick A., Jr.; Ganoung, Jeffrey S.; and Luenser, Susan J., 4,513,084, Cl. 435-140.000.
- Lueth, Roy C., to Ultra-Temp Corporation. Coffin delivery system for metallurgical furnace. 4,512,558, 4-23-85, Cl. 266-249.000.
- Lueth, Roy C., to Ultra-Temp Corporation. Electric heating coil. 4,554,441, 11-19-85, Cl. 219-552.000.
- Luetzelschwab, Wayne E., to Marathon Oil Company. Apparatus and method for preparing polymer solutions. 4,508,858, 4-2-85, Cl. 523-313.000.
- Luetzelschwab, Wayne E., to Marathon Oil Company. Flow control apparatus and method. 4,510,993, 4-16-85, Cl. 166-75.00R.
- Luetzelschwab, Wayne E., to Marathon Oil Company. Method of using polymer flow control apparatus. 4,535,844, 8-20-85, Cl. 166-252.000.
- Luetzelschwab, Wayne E., to Marathon Oil Company. Flow control method. 4,553,594, 11-19-85, Cl. 166-275.000.
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  - Findlay, Gordon R., 4,553,024, Cl. 219-335.000.
- Luft, Gunter: *See—*
  - Mund, Konrad; Luft, Gunter; and Gebhardt, Ulrich, 4,505,784, Cl. 204-1.00T.
- Luginbuhl, Pierre; Parniere, Alain; and Argintaru, Lazare, to Thomson-CSF. Satellite telecommunications system. 4,509,200, 4-2-85, Cl. 455-12.000.
- Lugscheider, Walter; Kilches, Helmut D.; Riegler, Ernst; and Zajicek, Ernst, to Voest-Alpine Aktiengesellschaft. Plasma melting furnace. 4,493,088, 1-8-85, Cl. 373-22.000.
- Lugscheider, Walter; Steipe, Othmar; Riegler, Ernst; and Zajicek, Ernst, to Voest-Alpine Aktiengesellschaft. Method for carrying out melting, melt-metallurgical and/or reduction-metallurgical processes in a plasma melting furnace as well as an arrangement for carrying out the method. 4,504,307, 3-12-85, Cl. 75-10.00R.
- Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; and Mullner, Paul, to Voest-Alpine Aktiengesellschaft. Method of, and arrangement for, reducing oxide-containing fine-particle ores. 4,518,417, 5-21-85, Cl. 75-10.00R.
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- Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; Zajicek, Ernst; and Puhringer, Othmar, to Voest-Alpine Aktiengesellschaft. Plasma melting furnace arrangement. 4,546,483, 10-8-85, Cl. 373-24.000.
- Luh, Howard H., to Ford Aerospace & Communications Corporation. Reconfigurable dual mode network. 4,499,471, 2-12-85, Cl. 343-373.000.
- Luh, Howard H., to Ford Aerospace & Communications Corporation. Lossless arbitrary output dual mode network. 4,503,434, 3-5-85, Cl. 343-373.000.
- Luhleich, Hartmut; and Dias, Francisco J., to Kernforschungsanlage Julich Gesellschaft mit beschrankter Haftung. Method of making thermal-shock resistant molded articles on the basis of silicon carbide. 4,514,346, 4-30-85, Cl. 264-29.500.
- Luhleich, Hartmut: *See—*
  - Dias, Francisco J.; Kampel, Marian; and Luhleich, Hartmut, 4,532,091, Cl. 264-29.500.
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- Luhmann, Erhard; Hoppe, Lutz; Szablikowski, Klaus; and Lampert, Friedrich-Karl, to Bayer Aktiengesellschaft. Viscous cellulose-containing mixture (paste) and a process for the production of aqueous coating emulsions therefrom. 4,517,324, 5-14-85, Cl. 524-27.000.
- Luhmer, Horst, to Integral Hydraulik & Co. Electrohydraulic, two-stage, proportional displacement valve. 4,545,409, 10-8-85, Cl. 137-625.640.
- Luhn, Dennis A.; and Schultz, Mark H., to McGraw-Edison Company. Voltage regulator. 4,533,863, 8-6-85, Cl. 322-28.000.
- Luhn, Dennis A.; and Norrick, Daniel A., to McGraw-Edison Company. Engine control circuit. 4,543,927, 10-1-85, Cl. 123-182.000.
- Luhr, Peter: *See—*
  - Kuxdorf, Bernhard; Luhr, Peter; Werner, Hugo; Thummler, Ursus; and Dorn, Friedrich-Wilhelm, 4,525,329, Cl. 422-202.000.
- Luhrig, Hermann; and Kovacic, Guido, to AGFA-Gevaert, A.G. Double-hooked spool. 4,506,843, 3-26-85, Cl. 242-74.000.
- Luhrig, Hermann: *See—*
  - Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, 4,508,809, Cl. 430-237.000.
  - Boie, Immo; Luhrig, Hermann; and Kovacic, Guido, 4,537,486, Cl. 354-317.000.
- Luhrs, Herman F.: *See—*
  - Dudley, Darnell T.; and Luhrs, Herman F., 4,504,425, Cl. 261-50.00A.
- Luhrsen, Ernst; Pohl, Siegfried; and Plath, Jurgen, to Didier-Werke AG. Fastening means for a closure plate on a sliding shutter outlet in a vessel which contains molten metal. 4,508,324, 4-2-85, Cl. 266-236.000.
- Luigi Stoppani S.p.A.: *See—*
  - Ghelli, Giovanni; and Barbon, Alessandro, 4,497,634, Cl. 8-94.260.
  - Perrone, Diego; Patrone, Alberto; and Caffarelli, Elvio, 4,560,546, Cl. 423-607.000.
- Luitpold-Werk Chemisch-pharmazeutische Fabrik: *See—*
  - Wolf, Karl H., 4,524,066, Cl. 514-23.000.
- Luitz, Max; and Weiss, Eugen, to Ess GmbH Skibindungen. Ski binding. 4,519,625, 5-28-85, Cl. 280-633.000.
- Luitz, Max; and Weiss, Eugen, to Ess GmbH Skibindungen. Ski binding clamp. 4,522,424, 6-11-85, Cl. 280-633.000.
- Luk, Ka-Shiu, to Heep Tung Manufactory Limited. Water pistol. 4,492,318, 1-8-85, Cl. 222-79.000.
- Luk Lamellen und Kupplungsbau GmbH: *See—*
  - Braun, Helmut, 4,548,309, Cl. 192-106.200.
  - Huber, Lothar, 4,526,258, Cl. 192-88.00A.
  - Huber, Lothar, 4,556,133, Cl. 192-70.160.
  - Keck, Karl, 4,529,078, Cl. 192-107.00C.
  - Maier, Peter; and Frietsch, Kurt, 4,526,261, Cl. 192-106.200.
  - Maucher, Paul, 4,492,293, Cl. 192-89.00B.
  - Maucher, Paul; and Friedmann, Oswald, 4,520,913, Cl. 192-48.800.

Maucher, Paul; and Friedmann, Oswald, 4,523,558, Cl. 123-198.00F.
Maucher, Paul, 4,538,718, Cl. 192-106.200.
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Reik, Wolfgang, 4,496,137, Cl. 267-161.000.
Reik, Wolfgang, 4,513,849, Cl. 192-70.270.
Reik, Wolfgang, 4,538,716, Cl. 192-70.290.
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Schmid, Christoph, 4,506,770, Cl. 192-0.080.
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Steeg, Klaus, 4,493,409, Cl. 192-115.000.
Strub, Jean-Claude, 4,520,915, Cl. 192-106.200.
Strub, Jean-Claude, 4,520,916, Cl. 192-106.200.
Luka, Robert E., to Tektronix, Inc. Cable stripper. 4,543,717, 10-1-85, Cl. 30-90.600.
Lukac, Teodor; Soukup, Milan; and Widmer, Erich, to Hoffmann-La Roche Inc. Process for the manufacture of 3-hydroxy-2,6,6,-trimethyl-2 cyclohexen-1-one. 4,532,358, 7-30-85, Cl. 568-341.000.
Lukach, Carl; Majewicz, Thomas G.; and Reid, Albert R., to Hercules Incorporated. Dihydroxypropyl mixed ether derivatives of cellulose. 4,523,010, 6-11-85, Cl. 536-91.000.
Lukachev, Viktor P.: *See*—
Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.
Lukacz, Stephen A., to Fuller Company. Flap valve. 4,494,564, 1-22-85, Cl. 137-527.600.
Lukas, David C.; Moser, James R.; and Schlough, James R., to Stobb, Inc. Method and apparatus for controlling sheets in a hopper. 4,531,724, 7-30-85, Cl. 271-166.000.
Lukas, Michael P.: *See*—
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Luke, Douglas V., to Smiths Industries Public Limited Company. Tire pressure sensing systems. 4,517,834, 5-21-85, Cl. 73-146.500.
Luke, Floyd L.; and Luke, Mark C. Trailer coupler. 4,545,596, 10-8-85, Cl. 280-509.000.
Luke, John A., to British-American Tobacco Company Limited. Method for producing tobacco smoke filters. 4,525,161, 6-25-85, Cl. 493-42.000.
Luke, John A., to Brown & Williamson Tobacco Corporation. Tobacco smoke filters. 4,527,572, 7-9-85, Cl. 131-336.000.
Luke, John A., to Brown & Williamson Tobacco Corporation. Smoking article filters. 4,535,793, 8-20-85, Cl. 131-336.000.
Luke, Mark C.: *See*—
Luke, Floyd L.; and Luke, Mark C., 4,545,596, Cl. 280-509.000.
Luke, Mike A., to Baker Oil Tools, Inc. Downhole steam packing. 4,548,265, 10-22-85, Cl. 166-140.000.
Luke, Roger D.; Ingram, Wayne A.; and Jarrell, Michael S., to Siemens-Allis, Inc. One-piece, slam-type latch for snap-in installation. 4,492,396, 1-8-85, Cl. 292-228.000.
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Murray, William V.; Clum, Charles E.; and Lukenbach, Elvin R., 4,514,383, Cl. 424-59.000.
Lukens, Fred E., to United States of America, National Aeronautics and Space Administration. Amplifier for measuring low-level signals in the presence of high common mode voltage. 4,551,687, 11-5-85, Cl. 330-258.000.
Lukens General Industries, Inc.: *See*—
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Spencer, Kenneth E.; and Schmitt, Dallas L., 4,526,108, Cl. 105-182.00E.
Lukens, James E.; and Mankiewich, Paul M., to United States of America, Navy. Method for fabricating superconducting weak-links using electron beam lithography. 4,526,858, 7-2-85, Cl. 430-296.000.
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Lukens, William E.: *See*—
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Luker, Edward, to Sunbeam Plastics Corporation. Tamper indicating child resistant closure. 4,540,098, 9-10-85, Cl. 215-216.000.
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Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.
Lukianoff, Sergei G. Hand-held sanding device. 4,501,096, 2-26-85, Cl. 51-391.000.
Lukis, Lawrence J.; and Duhig, Gerard P., to Moore Business Forms, Inc. Character recognition device. 4,493,104, 1-8-85, Cl. 382-13.000.
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Lulich, John F. Pre-combustion engine lubrication system. 4,502,431, 3-5-85, Cl. 123-179.00A.
Luly, Matthew H.; Lockyer, George D., Jr.; Eibeck, Richard E.; and Gaynor, Joseph, to Allied Corporation. Electrophotographic carriers incorporating fluorinated carbon and process of using same. 4,524,119, 6-18-85, Cl. 430-108.000.
Luly, Robert A. Lightweight folding parabolic reflector and antenna system. 4,527,166, 7-2-85, Cl. 343-840.000.
Lum, Genevieve S.; Li, Hsueh M., and Pettigrew, F. Alexander, to Ethyl Corporation. Halophosphazene polymers. 4,522,798, 6-11-85, Cl. 423-300.000.
Lum, Genevieve S.: *See*—
Pettigrew, F. Alexander; Li, Hsueh M.; and Lum, Genevieve S., 4,522,797, Cl. 423-300.000.
Lumaret, Jean-Claude; Gosset, Serge; and Huchette, Michel, to Roquette Freres. Composition and method of inhibiting corrosion by water of metal substrates. 4,512,915, 4-23-85, Cl. 252-389.00A.
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Lumb, Douglas S., to Glenoit Mills, Inc. Nonflammable sliver knit high pile fabric. 4,513,042, 4-23-85, Cl. 428-95.000.
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Lumma, William C., Jr.; and Wohl, Ronald A., to Schering Aktiengesellschaft. Substituted phenylalkenyl ammonium salts as antiarrhythimc agents. 4,545,995, 10-8-85, Cl. 514-523.000.
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Erhardt, Paul W.; Hagedorn, Alfred A., III; Lumma, William C., Jr.; and Wohl, Ronald A., 4,556,665, Cl. 514-338.000.
Lummis, Michael G., to Pacific Atlantic Products, Ltd. Locking and releasing mechanism. 4,520,589, 6-4-85, Cl. 43-43.120.
Lummus Company, The: *See*—
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Clark, Malcolm W.; and Kohn, Harold B., 4,539,183, Cl. 422-143.000.
Gelbein, Abraham P.; and Kwon, Joon T., 4,496,752, Cl. 549-521.000.
Khonsari, Ali M.; and Suciu, George D., 4,532,012, Cl. 203-53.000.
Long, Raymond H.; and Schindler, Harvey D., 4,544,476, Cl. 208-8.0LE.
Riegel, Herbert; Huang, Chiung-Yuan; and Strangio, Vincent A., 4,558,167, Cl. 570-238.000.
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Suciu, George D.; Kwon, Joon T.; and Shaban, Atef M., 4,496,777, Cl. 568-850.000.
Suciu, George D.; and Kwon, Joon T., 4,503,231, Cl. 546-317.000.
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O'Sullivan, Thomas F.; and Gronauer, Thomas W., 4,522,157, Cl. 122-510.000.
Schindler, Harvey D.; and Chen, James M., 4,545,890, Cl. 208-8.0LE.
Schindler, Harvey D., 4,547,282, Cl. 208-8.0LE.
Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.
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Van Doorn, Donald W.; Hawkins, James B.; Carpenter, Francis W., III; Lange, Robert E.; and Webb, Tommy W., 4,550,657, Cl. 100-43.000.
Lumpkins, Rebecca G. Money calculation game. 4,521,197, 6-4-85, Cl. 434-110.000.
Lumpp, Robert E., to TRW Inc. Printed circuit board indexing and locking device. 4,541,678, 9-17-85, Cl. 339-75.0MP.
Lumsden, Norman; and Phillips, Brian K., to Hunting Oilfield Services (UK) Limited. Pipe connector with interengagable tubular pin and tubular box members. 4,525,001, 6-25-85, Cl. 285-328.000.
Lumsden, Norman; and Phillips, Brian K., to Hunting Oilfield Services (UK) Limited. Pipe connector with interengageable tubular pin and tubular box members. 4,561,683, 12-31-85, Cl. 285-381.000.
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- Luna, Alberto A. H., to Vitro Tec Fideicomiso. Method and apparatus for the blowing and internal cooling of hollow articles of glass or other materials. 4,556,405, 12-3-85, Cl. 65-82.000.
- Lund, Anders E.: *See—*
  - Krueger, Gordon P.; Lund, Anders E.; and Adams, Roy D., 4,505,371, Cl. 198-382.000.
  - Krueger, Gordon P.; Lund, Anders E.; and Adams, Roy D., 4,505,868, Cl. 264-108.000.
- Lund, Arnold M. Core chuck. 4,516,786, 5-14-85, Cl. 279-2.00R.
- Lund, Clarence A.; and Sugino, Michael D., to Motorola, Inc. Low resistance buried power bus for integrated circuits. 4,503,451, 3-5-85, Cl. 357-50.000.
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- Luscher, Rene, to Gretag Aktiengesellschaft. Unloading device. 4,552,285, 11-12-85, Cl. 221-13.000.
- Luscombe, Terry. Hitch assembly for a tandem disc implement. 4,552,224, 11-12-85. Cl. 172-324.000.
- Lushis, Donald V.: *See—*
  - Inman, Frank S.; Giedt, Donald C.; and Lushis, Donald V., 4,519,290, Cl. 87-7.000.
- Lushtak, Alexander S.; and Forker, John S., to Matsushita Electric Industrial Co., Ltd. Computer with expanded addressing capability. 4,503,491, 3-5-85, Cl. 364-200.000.
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  - Linn, Bruce O.; and Lusi, Aino, 4,515,783, Cl. 514-27.000.
- Lusk, George E., to Joslyn Mfg. and Supply Co. Multi-wedge connector. 4,494,890, 1-22-85, Cl. 403-267.000.
- Lusk, Kenneth P., to United States of America, Navy. Dense packaging system for printer wiring boards. 4,520,428, 5-28-85, Cl. 361-399.000.
- Luska, Zdenek, to Bobst SA. Method and device for maintaining density of a printed color constant. 4,552,165, 11-12-85, Cl. 137-3.000.
- Luss, V. Gerold, to H. B. Fuller Company. Antimicrobial composition for a semipermeable membrane. 4,500,517, 2-19-85, Cl. 424-162.000.
- Lussier, Barbara B.: *See—*
  - Loblaw, James C.; and Lussier, Barbara B., 4,560,638, Cl. 430-264.000.
- Lussiez, Guy W. Spelling game. 4,519,606, 5-28-85, Cl. 273-1.00R.
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- Lussiez, Guy W.; Duterque, Jean-Paul; and Polkinghorn, Thomas W., to Amax Inc. Conditioning of laterite pressure leach liquor. 4,547,348, 10-15-85, Cl. 423-150.000.
- Lussling, Theodor: *See—*
  - Karrenbauer, Michael; Kleemann, Axel; Lussling, Theodor; and Schafer, Fritz, 4,550,199, Cl. 562-556.000.
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  - Lepper, Eberhard; and Lust, Karl-Heinz, 4,520,296, Cl. 318-254.000.
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  - Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,509,972, Cl. 71-92.000.
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- Lustenberger, Hans, to George Fischer Limited. Immersion and vaporization chamber. 4,496,393. 1-29-85, Cl. 75-58.000.
- Lustig, Claude D., to Sperry Corporation. Low cost addressing system for AC plasma panels. 4,509,045, 4-2-85, Cl. 340-794.000.
- Lustig, Claude D., to Sperry Corporation. Low cost panel display addressing structure. 4,553,143, 11-12-85, Cl. 340-719.000.
- Lustig, Stanley; Schuetz, Jeffrey M.; and Vicik, Stephen J., to Union Carbide Corporation. Shrinkable film for poultry bags. 4,547,413, 10-15-85, Cl. 428-35.000.
- Lutenegger, Alan J., to Iowa State University Research Foundation, Inc. Soil and rock shear tester. 4,539,851, 9-10-85, Cl. 73-845.000.
- Lutenegger, Alan J.: *See—*
  - Handy, Richard L.; and Lutenegger, Alan J., 4,543,820, Cl. 73-84.000.
- Luteri, George F.; Stach, Leonard J.; and Nickell, Louis G., to Velsicol Chemical Corporation. 3-chlorobenzyl-3,6-dichloro-2-methoxybenzoate. 4,546,196, 10-8-85, Cl. 560-65.000.
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  - Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., 4,540,431, Cl. 71-107.000.
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- Lutes, Olin S.; and Walters, Wayne L., to Honeywell Inc. Magnetic thin film memory with all dual function films. 4,547,866, 10-15-85, Cl. 365-173.000.
- Lutfy, Gary J., to Sundstrand Corporation. Semiconductor package with internal heat exchanger. 4,559,580, 12-17-85, Cl. 361-385.000.
- Luthardt, Gunther: *See—*
  - Vietzke, Horst; Schlich, Elmar; Luthardt, Gunther; and Huschka, Hans, 4,562,001, Cl. 252-633.000.
- Luther, Gunter; Loebel, Peter; Risse, Gerhard; and Leiser, Volker, to GKSS-Forschungszentrum Geesthacht GmbH. Apparatus for supplying divers with artificial respiratory gas mixtures. 4,510,932, 4-16-85, Cl. 128-204.290.
- Luther, Hans: *See—*
  - Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., 4,524,695. Cl. 102-430.000.
- Luther, James M.: *See—*
  - Archer, Wendel E.; Luther, James M.; and Thieken, Michael L., 4,512,627, Cl. 350-96.200.
- Luther, Lars C.; and Rana, Virendra V. S., to AT&T Bell Laboratories. Liquid phase epitaxial growth of bismuth-containing garnet films. 4,544,438, 10-1-85, Cl. 156-624.000.
- Luther, LeRoy D.; and Brock, Robert E. Mold including side walls with locking projections. 4,502,660, 3-5-85, Cl. 249-144.000.
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  - Whitehouse, Craig M.; Snyder, Daniel R.; and Luther, Ronald B., 4,559,043, Cl. 604-201.000.
- Luther, Ronald B.: *See—*
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- Luther, Thomas A.: *See—*
  - Kwon, Ki C.; and Luther, Thomas A., 4,496,195, Cl. 308-6.00C.
  - Kwon, Ki C.; and Luther, Thomas A., 4,544,211, Cl. 308-6.00C.
- Luthi, Oscar, to Ingersoll-Rand Company. Fiberglass-reinforced solid plastic drum. 4,515,693, 5-7-85, Cl. 210-402.000.
- Luthje, Holger: *See—*
  - Harms, Margret; Bruns, Angelika; Luthje, Holger; and Matthiessen, Bernd, 4,555,460, Cl. 430-5.000.
- Luthra, Ajay K.; Kassam, Saleem; and Mauchly, J. William, to Imaging Associates. Hybrid non-invasive ultrasonic imaging system. 4,553,437, 11-19-85, Cl. 73-602.000.
- Luthy, Christoph; and Winternitz, Paul, to Hoffmann-La Roche Inc. 5-oxo-3-thiazoline oxime and 2-oxo-5,6-dihydro-2H-1,4-thiazine oxime derivatives. 4,514,566, 4-30-85, Cl. 544-56.000.
- Lutkowski, Lawrence: *See—*
  - Nugent, Edward L.; and Lutkowski, Lawrence, 4,555,336, Cl. 210-232.000.
- Lutrat, Jacques. Non-slip screw. 4,538,486, 9-3-85, Cl. 81-460.000.
- Lutron Electronics Co., Inc.: *See—*
  - Capewell, Dennis; Luchaco, David G.; and Spira, Joel S., 4,527,099, Cl. 315-291.000.
  - Kirby, David, 4,520,306, Cl. 323-324.000.
  - Longenderfer, John E.; Luchaco, David G.; and Capewell, Dennis, 4,558,262, Cl. 315-307.000.
  - Luchaco, David G.; and Ference, Jonathan H., 4,540,917, Cl. 315-291.000.
- Lutsey, Thomas H.; and Bero, Vernon L., to Gold Bond Ice Cream, Inc. Forming and conveying of baked confection shells. 4,534,722, 8-13-85, Cl. 425-104.000.
- Lutteke, Georg, to U.S. Philips Corporation. Push-pull microwave oscillator with fundamental and second harmonic outputs. 4,527,130, 7-2-85, Cl. 331-36.00C.
- Luttenberger, Alfred: *See—*
  - Heimel, Helmut; Schlosser, Willy; and Luttenberger, Alfred, 4,509,274, Cl. 34-114.000.
- Luttge, Klaus: *See—*
  - Eltze, Georg; Luttge, Klaus; Pickard, Jurgen; Rubmann, Hans; and Sandner, Helmut, 4,534,457, Cl. 192-70.200.
- Luttgens, Werner, to A. Klebes GmbH & Co. K.G. Kunststoff- und Metallwarenfabrik. Sharpener, specifically for cosmetic sticks. 4,513,798, 4-30-85, Cl. 144-28.110.

- Lutticken, Heinrich D.; and Cornelissen, Daniel R. W., to Akzo N.V. Infectious Bursal disease vaccine. 4,530,831, 7-23-85, Cl. 424-89.000.
- Lutts, Timothy W.: *See—*
  - Andersen, Ingar F.; Lutts, Timothy W.; and Lam, Eddie W., 4,502,871, Cl. 55-82.000.
- Lutts, William P.: *See—*
  - Shannon, Harry D.; and Lutts, William P., 4,516,124, Cl. 340-960.000.
- Lutus, Arthur C.; and van Blerk, Victor B., to Ricoh Company, Ltd. Electrophotographic copying apparatus including drum conditioning apparatus and method. 4,538,900, 9-3-85, Cl. 355-14.0CH.
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- Lutz, Albert: *See—*
  - Kuhnert, Gottfried; and Lutz, Albert, 4,526,018, Cl. 66-78.000.
- Lutz, Alfons: *See—*
  - Bienert, Horst; and Lutz, Alfons, 4,531,777, Cl. 296-223.000.
- Lutz, Dieter; and Thieler, Wolfgang, to Sachs-Systemtechnik GmbH. Torsional oscillation damper with laterally displaceable damper member. 4,501,348, 2-26-85, Cl. 192-106.100.
- Lutz, Eugen: *See—*
  - Sonderegger, Hans-Conrad; and Lutz, Eugen, 4,519,254, Cl. 73-726.000.
- Lutz, Eugene F., to Shell Oil Company. Ethylene oligomerization process carried out in a monohydric/dihydric alcohol solvent mixture. 4,528,416, 7-9-85, Cl. 585-527.000.
- Lutz, Eugene F.: *See—*
  - Wellington, Scott L.; Reisberg, Joseph; Lutz, Eugene F.; and Bright, David B., 4,502,538, Cl. 166-252.000.
- Lutz, Friedrich, to Ruti Machinery Works, Ltd. Weft insertion device for a band-gripper weaving machine. 4,493,347, 1-15-85, Cl. 139-449.000.
- Lutz, Hans, to Lechler Chemie GmbH. Container for two-component systems. 4,491,219, 1-1-85, Cl. 206-216.000.
- Lutz, James F.: *See—*
  - Margulefsky, Allen L.; and Lutz, James F., 4,554,792, Cl. 62-77.000.
- Lutz, Joseph F. Signal demodulation system for wideband FM. 4,547,739, 10-15-85, Cl. 329-145.000.
- Lutz, Manfred, to Fichtel & Sachs AG. Drive device for a fastening mechanism of a motor vehicle door lock or the like. 4,494,782, 1-22-85, Cl. 292-96.000.
- Lutz, Manfred: *See—*
  - Dumbeer, Gerhard; Lutz, Manfred; Fey, Rainer; and Weiss, Kurt, 4,519,227, Cl. 70-264.000.
- Lutz, Peter L.; and Richard, Joseph D. Porous contraceptive device with an interstitial liquid. 4,527,988, 7-9-85, Cl. 604-349.000.
- Lutz, Phillip A.: *See—*
  - Eytcheson, Charles T.; Lutz, Phillip A.; and Fields, Harold L., 4,490,902, Cl. 29-588.000.
- Lutz, Raymond S.: *See—*
  - Dobson, Diane P.; Farrell, Michael J.; and Lutz, Raymond S., 4,501,985, Cl. 310-270.000.
- Lutz, Robert G.: *See—*
  - Durbin, Daniel P.; and Lutz, Robert G., 4,491,648, Cl. 525-89.000.
  - Durbin, Daniel P.; Lutz, Robert G.; and Danforth, Richard L., 4,493,919, Cl. 524-505.000.
- Lutz, Roman, to Siemens Aktiengesellschaft. Teleprinter. 4,501,930, 2-26-85, Cl. 178-4.000.
- Lutz, Terry J.: *See—*
  - Gaccetta, Carl M.; and Lutz, Terry J., 4,491,222, Cl. 206-394.000.
- Lutz, Theodore A. Roll-off hoist. 4,529,349, 7-16-85, Cl. 414-478.000.
- Lutz, Theodore A. Material-handling apparatus. 4,557,658, 12-10-85, Cl. 414-517.000.
- Lutz, Walter; Steppan, Hartmut; and Erdmann, Fritz. Light-sensitive polycondensation product containing diazonium and dialdehyde groups, and light-sensitive recording material prepared therewith. 4,492,748, 1-8-85, Cl. 430-175.000.
- Lutze, Theodor: *See—*
  - Caspar, Wolfhard; and Lutze, Theodor, 4,503,848, Cl. 128-92.00D.
- Lutzens, William W., to Union Oil Company of California. Convergence extensometer for measuring mine roof subsidence. 4,514,905, 5-7-85, Cl. 33-125.00B.
- Lutzker, Robert S. Lawn and leaf bag holder. 4,548,372, 10-22-85, Cl. 248-99.000.
- Lutzmann, H. Harald: *See—*
  - Miller, Gerald W.; and Lutzmann, H. Harald, 4,536,532, Cl. 524-141.000.
- Luukkala, Mauri; and Lehto, Ari. Procedure and means for examining the surface quality of materials in solid state. 4,551,030, 11-5-85, Cl. 374-5.000.
- Luwa AG: *See—*
  - Volpert, Fritz; and Stocker, Hans-Werner, 4,557,956, Cl. 428-35.000.
- Luwa Corporation: *See—*
  - McKelvey, James M., 4,501,498, Cl. 366-69.000.
- Lux, Robert A.: *See—*
  - Kronenberg, Stanley; and Lux, Robert A., 4,527,063, Cl. 250-370.000.
- Luzeder, William P. Process for producing ultra removable pressure sensitive labels. 4,501,772, 2-26-85, Cl. 427-208.600.
- Luxon, Bruce A., to General Electric Company. Polyphenylene ether blends containing electrostatically bound additive. 4,537,925, 8-27-85, Cl. 524-151.000.
- Luxtec Corporation: *See—*
  - Kloots, Jacobus, 4,516,190, Cl. 362-32.000.
  - Kloots, Jacobus; and Marengo, John, 4,534,617, Cl. 350-96.200.
- Luxtron Corporation: *See—*
  - Alves, Ronald V., 4,558,217, Cl. 250-227.000.
  - Wickersheim, Kenneth A., 4,560,286, Cl. 374-131.000.
- Luz, David W.; and Willis, Donald H., to RCA Corporation. Single controllable switch, push-pull inverter for a television receiver ferroresonant power supply. 4,492,900, 1-8-85, Cl. 315-411.000.
- Luz, David W.: *See—*
  - Willis, Donald H.; and Luz, David W., 4,533,855, Cl. 315-370.000.
- Luz International Ltd.: *See—*
  - Bodenheimer, Joseph S.; and Eisenberg, Naphtali, 4,516,018, Cl. 250-203.00R.
- Luz, Rudolf, to Maschinenfabrik Schweiter AG. Method and apparatus for preparing yarn ends for slicing. 4,528,808, 7-16-85, Cl. 57-22.000.
- Luzzi, Antonio: *See—*
  - Beruto, Marco; Luzzi, Antonio; and Ramello, Piero, 4,504,572, Cl. 430-264.000.
- Luzzi, Glenn J.; and Kominiak, Andrew A., to Amerace Corporation. Splice connector housing and assembly of cables employing same. 4,520,229, 5-28-85, Cl. 174-73.00R.
- Luzzi, John J.: *See—*
  - Steinberg, David H.; Seltzer, Raymond; Luzzi, John J.; and Cortolano, Frank P., 4,534,874, Cl. 252-51.50A.
- LVC Industries, Inc.: *See—*
  - Paranicas, Peter C., 4,518,834, Cl. 200-16.00D.
- Lyakhevich, Genrikh D.; Suzansky, Vasily G.; and Kovalerchik, Vulf P. Vulcanizable rubber compound. 4,499,218, 2-12-85, Cl. 524-79.000.
- Lyakhevich, Genrikh D.; Khimanych, Anatoly P.; Suzansky, Vasily G.; and Kovalerchik, Vulf P., to Belorussky Politekhnichesky Institut. Apparatus for thermal decomposition of polymeric materials. 4,552,621, 11-12-85, Cl. 202-84.000.
- Lyall Electric, Inc.: *See—*
  - Smith, Gregory A., 4,556,190, Cl. 249-99.000.
- Lyall, James R., to King Radio Corporation. Apparatus and method for the correction of attenuation-induced errors in a weather radar receiver. 4,529,983, 7-16-85, Cl. 343-5.00W.
- Lycksele NYA Platprodukter AB: *See—*
  - Gabrielsson, Lars, 4,490,867, Cl. 5-509.000.
- Lydall, Inc.: *See—*
  - Hiers, John J., 4,522,876, Cl. 428-285.000.
  - Whitely, Elliot F.; Devoe, Richard A.; and Gadbois, Gerald W., 4,499,134, Cl. 428-102.000.
- Lydtin, Hans: *See—*
  - Frank, Berthold; Gartner, Georg; and Lydtin, Hans, 4,533,852, Cl. 313-346.0DC.
  - Hubner, Horst; Lydtin, Hans; Rehder, Ludwig; and Zaengel, Thomas, 4,525,379, Cl. 427-53.100.
- Lyerly, David M.: *See—*
  - Wilkins, Tracy D.; and Lyerly, David M., 4,533,630, Cl. 435-7.000.
- Lyford-Pike, Edward J.: *See—*
  - Duggal, Vinod K.; Lyford-Pike, Edward J.; and Smith, Edward D., 4,553,504, Cl. 123-25.00J.
- Lykes, Norman R. Apparatus for manually distributing powder granules. 4,526,305, 7-2-85, Cl. 222-632.000.
- Lykes Pasco Packing Company: *See—*
  - Baron, Richard D., 4,498,275, Cl. 53-506.000.
- Lykins, Larry W., to International Business Machines Corporation. Interlocked, clean loading toner cartridge. 4,538,651, 9-3-85, Cl. 141-1.000.
- Lykins, Larry W.: *See—*
  - Ballard, Philip D.; Goin, Cheryl A.; Josephson, Paul J.; Keller, Andrew D.; Lykins, Larry W.; and Miller, Jeffrey J., 4,502,514, Cl. 141-1.000.
- Lykov, Mikhail V.; Lembrikov, Vladimir M.; Golovkina, Svetlana I.; Malakhova, Nadezhda N.; Sterlin, Vladimir N.; Kochetkov, Viktor N.; and Markovin, Gennady M. Process for producing liquid combined fertilizers. 4,505,733, 3-19-85, Cl. 71-34.000.
- Lyle, Stephen V., to T.A.D. Avanti, Inc. Announcement recording and message playback system for a telephone answering machine. 4,499,335, 2-12-85, Cl. 179-6.030.
- Lyle, Stephen V., to T.A.D. Avanti, Inc. Telephone answering machine interface circuit. 4,536,624, 8-20-85, Cl. 179-170.0NC.
- Lyle, W. D., Jr.; and Gournay, Luke S., to Mobil Oil Corporation. Method for determining oil saturation in a subsurface formation. 4,517,836, 5-21-85, Cl. 73-152.000.
- Lyle, W. D., Jr., to Mobil Oil Corporation. Method of increasing the vertical resolution of well log data. 4,535,625, 8-20-85, Cl. 73-152.000.
- Lyles, Mark B. Filters for polynuclear aromatic hydrocarbon-containing smoke. 4,517,995, 5-21-85, Cl. 131-334.000.
- Lyman, Dale E.; and Anderson, James J., to Mobil Oil Corporation. Water removal of trimethyl phosphate from phosphorus containing pesticides. 4,512,932, 4-23-85, Cl. 260-990.000.
- Lyman, George F.; and Lowry, Alan, to Data Packaging Corporation. Tissue culture cluster dish. 4,495,289, 1-22-85, Cl. 435-284.000.
- Lyman, John B., to Whirlpool Corporation. Invisible hinge means for lid and hood of a canister vacuum cleaner. 4,554,700, 11-26-85, Cl. 15-323.000.
- Lyman, John R., to University of Maine, Board of Trustees of the. High carbon steel microcracking control during hardening. 4,523,965, 6-18-85, Cl. 148-143.000.
- Lyman Products Corporation: *See—*
  - Ramage, C. Kenneth, 4,492,010, Cl. 29-1.220.
- Lyman, Roger T. Wheelchair attachment. 4,553,770, 11-19-85, Cl. 280-289.0WC.

Lymneos, Anthony: *See—*

Dourdeville, Theodore A.; and Lymneos, Anthony, 4,534,659, Cl. 366-338.000.

Lymneos, Anthony C., to Millipore Corporation. Photometric apparatus and process. 4,501,969, 2-26-85, Cl. 250-373.000.

Lynas, Robert M.: *See—*

Abe, Michio; Maeda, Naoyuki; and Lynas, Robert M., 4,512,367, Cl. 137-554.000.

Lynch, Conrad L.; and Tobias, Michael A., to Valspar Corporation, The. High solids, high heat resistant polyester resins and coating compositions containing the same. 4,540,751, 9-10-85, Cl. 525-517.500.

Lynch, Cornelius E., Jr.: *See—*

Morris, Roy E.; and Lynch, Cornelius E., Jr., 4,502,194, Cl. 24-633.000.

Lynch, Daniel; and Perry, Steven B., to Keptel, Inc. AC signal-activated switching apparatus. 4,550,225, 10-29-85, Cl. 179-81.00R.

Lynch, Donald F., to Electronic Processors, Inc. Magnetic recording system with peak shift compensation. 4,553,178, 11-12-85, Cl. 360-45.000.

Lynch, Donald M.: *See—*

Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, 4,491,576, Cl. 424-78.000.

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Lynch, Franklin E.; and Baker, Nathaniel R., to Ergenics Inc. Fuel injection system. 4,520,763, 6-4-85, Cl. 123-1.00A.

Lynch, Gary M. Misting control apparatus. 4,502,288, 3-5-85, Cl. 62-171.000.

Lynch, Henry W.: *See—*

Finney, Roy P.; Trick, Robert E.; and Lynch, Henry W., 4,550,719, Cl. 128-79.000.

Yachia, Daniel; and Lynch, Henry W., 4,523,584, Cl. 128-79.000.

Lynch, India M. Tire changing rack. 4,550,835, 11-5-85, Cl. 211-24.000.

Lynch, John; Naarmann, Herbert; Schulz, Gunther; Vyvial, Rudolf; Wallbillich, Gunter; and Zuerger, Manfred, to BASF Aktiengesellschaft. Photosensitive recording material suitable for the production of printing plates and relief plates, and the production of these plates using this recording material. 4,517,277, 5-14-85, Cl. 430-281.000.

Lynch, John; and Elzer, Albert, to BASF Aktiengesellschaft. Photosensitive recording materials for the production of abrasion-resistant and scratch-resistant gravure printing plates comprising particles. 4,548,894, 10-22-85, Cl. 430-273.000.

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Lynch, John: *See—*

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Lynch, John T.; Anderson, Alfredo C.; Withers, Richard S.; and Wright, Peter V., to Massachusetts Institute of Technology. Superconducting signal processing circuits. 4,499,441, 2-12-85, Cl. 333-161.000.

Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr.; and Borg, Sidney, to Process Research Development & Management, Inc. Method for the treatment of wastewater sludge. 4,500,428, 2-19-85, Cl. 210-609.000.

Lynch Machinery: *See—*

Hileman, Kenneth R.; Shields, Ronald H.; and Tobey, Lance M., 4,531,961, Cl. 65-164.000.

Shields, Ronald H.; and Pollen, Michael E., 4,554,001, Cl. 65-160.000.

Lynch, Michael A., to permaTek, Inc. Book binding machine. 4,505,629, 3-19-85, Cl. 412-5.000.

Lynch, Michael J.: *See—*

Haley, John E., Jr.; Lynch, Michael J.; and Rosenberg, Jeffrey S., 4,561,057, Cl. 364-436.000.

Lynch, Michael W.; and Pullukat, Thomas J., to Chemplex Company. Polymerization method. 4,510,299, 4-9-85, Cl. 526-129.000.

Lynch, Michael W.: *See—*

Pullukat, Thomas J.; Hoff, Raymond E.; and Lynch, Michael W., 4,499,198, Cl. 502-104.000.

Lynch, Robert C.: *See—*

Broockman, Eric C.; Cato, Robert T.; and Lynch, Robert C., 4,499,608, Cl. 455-607.000.

Lynch, Robert J.: *See—*

Kahn, Marvin L.; and Lynch, Robert J., 4,552,773, Cl. 426-564.000.

Lynch, Robert P., to Lyntech Corporation. Marine continuous pipe laying system. 4,538,937, 9-3-85, Cl. 405-168.000.

Lynch, Una E.; and Daniel, Bonnie J., to Lynch, Una E. Bathing oil composition. 4,529,605, 7-16-85, Cl. 514-552.000.

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Jonas, Rodger H.; Beel, Joseph W.; and Lynch, William R., 4,532,147, Cl. 426-655.000.

Lynch, William T.: *See—*

Busch-Vishniac, Ilene J.; Lindenberger, W. Stewart; Lynch, William T.; and Poteat, Tommy L., 4,558,184, Cl. 179-111.00R.

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Lyndhurst, Francis R., to Scat Enterprises, Inc. Air-cooled reciprocating internal combustion engine with removable individual heads for multiple cylinders. 4,542,720, 9-24-85, Cl. 123-90.380.

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Maahs, Jerry D. Mammalian subject heating unit using radiant heat. 4,501,275, 2-26-85, Cl. 128-402.000.

Maak, Norbert; Friedemann, Wolfgang; Fehr, Hans; and Feulner, Kurt, to Henkel Kommanditgesellschaft auf Aktien. Process for forming foundry components. 4,541,869, 9-17-85, Cl. 106-38.350.

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Maan, Cornelis: *See—*
  Compen, Johannes M. A. A.; and Maan, Cornelis, 4,551,652, Cl. 313-466.000.

Maar, Lienhard, to Max Zapf, Firma. Batheable doll. 4,536,165, 8-20-85, Cl. 446-153.000.

Maas, Edward T., Jr.; and Kalina, Davida W., to Standard Oil Company (Indiana). Separation of hydrogen sulfide from gaseous and non-aqueous liquid streams. 4,526,774, 7-2-85, Cl. 423-573.00R.

Maas, Henricus G. R.; Klaassen, Francois M.; and Appels, Johannes A., to U.S. Philips Corporation. Method of manufacturing an insulated gate field effect device. 4,545,110, 10-8-85, Cl. 29-571.000.

Maas, Henricus G. R.: *See—*
  van Ommen, Alfred H.; Maas, Henricus G. R.; Appels, Johannes A.; and Josquin, Wilhelmus J. M. J., 4,514,251, Cl. 156-628.000.

Maas, Michael F., to Honeywell Inc. Phase velocity sign detector for frequency shift key demodulation. 4,499,42[illegible], 2-12-85, Cl. 329-50.000.

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Maass, Dierk; and Wallsten, Hans I., to Medinvent S.A. Device for application in blood vessels or other difficultly accessible locations and its use. 4,553,545, 11-19-85, Cl. 128-341.000.

Maass, Donald A.: *See—*
  Keskkula, Henno; McCreedy, Kathleen M.; and Maass, Donald A., 4,508,871, Cl. 525-78.000.

Maass, Helmut, to M-B-W Inc. Vibratory compactor. 4,499,779, 2-19-85, Cl. 74-61.000.

Maass, Manfred: *See—*
  Dudeck, Ingo; Hipp, Ulrich; Maass, Manfred; and Ruoff, Harald, 4,523,136, Cl. 318-568.000.

Maass, Wolfgang: *See—*
  Haendle, Joerg; and Maass, Wolfgang, 4,503,459, Cl. 358-111.000.

Maassen, Egbertus J. P.; and de Jong, Frederik J., to U.S. Philips Corporation. Electronic flash unit. 4,492,451, 1-8-85, Cl. 354-416.000.

Maassen, Egbertus J. P., to U.S. Philips Corporation. Tri-color additive color printing head and enlarger. 4,553,832, 11-19-85, Cl. 355-32.000.

Maassen, Wilhelm: *See—*
  Aretz, Ulrich; Knors, Herbert; Maassen, Wilhelm; Reiners, Franz-Josef; and Tholen, Leo, 4,558,829, Cl. 242-35.50A.

Maathuis, Antonnis G.; and Parsons, Anthony W., to Goodyear Tire & Rubber Company, The. Reinforcing belt for tires with radial casing. 4,498,514, 2-12-85, Cl. 152-356.00R.

Maaz, Gunther, to Sartorius GmbH. Electromagnetic force-compensating balance. 4,503,923, 3-12-85, Cl. 177-212.000.

Mabb, Kenneth G., to Sodastream Limited. Apparatus for aerating liquids. 4,514,994, 5-7-85, Cl. 62-389.000.

Mabboux, Michel: *See—*
  Graillat, Gerard; and Mabboux, Michel, 4,557,061, Cl. 36-119.000.

Mabe, Atsushi; Shimizu, Shigemi; and Kawano, Akihiro, to Sanden Corporation. Lubricating mechanism for scroll-type fluid displacement apparatus. 4,547,138, 10-15-85, Cl. 418-55.000.

Mabe, Atsushi: *See—*
  Hiraga, Masaharu; Mabe, Atsushi; and Yoshii, Yuji, 4,514,150, Cl. 417-440.000.
  Terauchi, Kiyoshi; Kawano, Akihiro; and Mabe, Atsushi, 4,505,651, Cl. 417-440.000.

Mabe, James A.: *See—*
  Nakatsukasa, Walter M.; and Mabe, James A., 4,513,085, Cl. 435-253.000.

Mabie, Curtis P., Jr.; Busby, Robert L.; and Cliber, James A., to Solarex Corporation. Castable receiver. 4,548,381, 10-22-85, Cl. 249-114.00R.

Mabie, John H.: *See—*
  Boesewetter, Chester C.; Langley, Lawrence W.; and Mabie, John H., 4,498,636, Cl. 242-1.10R.

Mabie, Norman. Multi-faceted framed picture. 4,505,959, 3-19-85, Cl. 428-14.000.

Mabille, Pierre, to Electro Medical Systems, S.A. Dental prophylactic apparatus. 4,492,575, 1-8-85, Cl. 433-88.000.

Mabley, Paul B.: *See—*
  Burrows, Aubrey L.; Mabley, Paul B.; and Field, Steven J., 4,511,366, Cl. 44-53.000.

Mabon, John D.: *See—*
  Edwards, Michael F.; and Mabon, John D., 4,504,095, Cl. 301-63.00R.

Mabrey, Theodore R.: *See—*
  Straub, Albert M.; Mabrey, Theodore R.; and Vokovich, Daniel L., 4,517,614, Cl. 360-85.000.

Mabry, Melinda A.; Prichard, William W.; and Ziemecki, Stanislaw B., to Du Pont de Nemours, E. I., and Company. Process for making tetrahydrofuran and 1,4-butanediol using Pd/Re hydrogenation catalyst. 4,550,185, 10-29-85, Cl. 549-508.000.

Mabuchi, Akira, to Toyoda Gosei Co., Ltd. Steering wheel composed of a non-yellowing semi-rigid polyurethane foam. 4,542,166, 9-17-85, Cl. 521-176.000.

Mabuchi, Kenichi, to Mabuchi, Kenichi. Beauty treatment device. 4,513,737, 4-30-85, Cl. 128-52.000.

Mabuchi, Minoru: *See—*
  Ishikawa, Shozo; Sakai, Kiyoshi; Mabuchi, Minoru; Watanabe, Katsunori; and Kitahara, Makoto, 4,554,231, Cl. 430-59.000.
  Sakai, Kiyoshi; Ishikawa, Shozo; Arita, Tetsuo; Mabuchi, Minoru; and Umehara, Shoji, 4,501,808, Cl. 430-59.000.

Mabuchi Motor Co., Ltd.: *See—*
  Akiyama, Takeshi, 4,500,804, Cl. 310-40.0MM.
  Hoshino, Michio; and Someya, Riyouichi, 4,494,029, Cl. 310-239.000.
  Mabuchi, Takaichi, 4,521,710, Cl. 310-234.000.
  Mabuchi, Takaichi; and Yano, Toru, 4,529,899, Cl. 310-40.0MM.

Mabuchi, Naoki: *See—*
  Iwamoto, Kazumasa; Mabuchi, Naoki; and Kawano, Junji, 4,542,953, Cl. 339-198.0GA.

Mabuchi, Sadaaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Transformer winding sheet insulator with spacer member. 4,536,734, 8-20-85, Cl. 336-196.000.

Mabuchi, Takaichi, to Mabuchi Motor Co., Ltd. Commutator device for miniature motors. 4,521,710, 6-4-85, Cl. 310-234.000.

Mabuchi, Takaichi; and Yano, Toru, to Mabuchi Motor Co., Ltd. Leaf brushes for small electric motor. 4,529,899, 7-16-85, Cl. 310-40.0MM.

Mabusth, Scott. Touch sensitive control device. 4,550,221, 10-29-85, Cl. 178-18.000.

Maby, Edward W.: *See—*
  Mazurek, Harry; Day, David R.; Maby, Edward W.; and Abel, Jonathan S., 4,491,605, Cl. 427-38.000.

MAC Corporation of America: *See—*
  Burda, Dan S., 4,560,110, Cl. 241-36.000.

MAC/GIL Ltd.: *See—*
  Weatherly, Gilbert; and Slade, A. MacDonald, 4,501,782, Cl. 428-57.000.

Mac-Pack s.r.l.: *See—*
  Occhialini, Giorgio; Grazia, Gabrio; and Forlani, Fausto, 4,548,313, Cl. 198-430.000.

MAC Values, Inc.: *See—*
  Neff, James A., 4,522,374, Cl. 251-356.000.

MAC Valves, Inc.: *See—*
  Neff, James A., 4,491,151, Cl. 137-596.160.
  Neff, James A., 4,491,152, Cl. 137-596.160.

MacAfee, Jerry D., to Quamco, Inc. Top entry ball valve. 4,535,970, 8-20-85, Cl. 251-315.000.

- Macaire, Marcel: *See—*
  - Lehmann, Jean-Marc; Soboul, Raymond; and Macaire, Marcel, 4,546,221, Cl. 200-50.0AA.
- MacAllister, Burton W., Jr.: *See—*
  - Palilla, Frank C.; MacAllister, Burton W., Jr.; and Salemi, Caster, 4,538,347, Cl. 29-619.000.
- MacAnally, Richard B.: *See—*
  - Ziegler, William R. A.; and MacAnally, Richard B., 4,542,495, Cl. 369-273.000.
- Macander, Rudolph F.: *See—*
  - Herberg, Michael J.; Macander, Rudolph F.; and Stegman, Todd R., 4,551,515, Cl. 528-18.000.
- MacAnlis, David H. Cross polarized wire grid antenna. 4,535,337, 8-13-85, Cl. 343-737.000.
- Macarchenia, Joseph H.: *See—*
  - Ely, Duain N.; and Macarchenia, Joseph H., 4,516,745, Cl. 244-134.00A.
- MacArthur, Alexander D.; and Everett, Harry J., to Westinghouse Electric Corp. Method for determining the amount of dissolved oxygen from above and below water level air leakage in a steam power plant. 4,534,320, 8-13-85, Cl. 122-406.00R.
- MacArthur, J. Ward; and Radomski, James V., to Honeywell Inc. Specific coefficient of performance measuring device. 4,510,576, 4-9-85, Cl. 364-551.000.
- Macartney, Derek L.: *See—*
  - McDonald, Robert C.; and Macartney, Derek L., 4,500,228, Cl. 406-61.000.
- Macartney, Michael J.: *See—*
  - Pigott, Keith R.; Macartney, Michael J.; and Young, Alan S., 4,548,419, Cl. 280-203.000.
- MacAskill, Christopher R.; and Potter, Jared M., to Petrophysical Services, Inc. Metering pump. 4,509,904, 4-9-85, Cl. 417-568.000.
- Macaster Controls, Inc.: *See—*
  - Boyce, William A., 4,510,694, Cl. 33-203.180.
- MacAvoy, David W.: *See—*
  - Schildkraut, Alan L.; and MacAvoy, David W., 4,536,048, Cl. 339-89.00M.
- Macawber Engineering Limited: *See—*
  - Snowdon, Brian, 4,515,503, Cl. 406-11.000.
- MacBain, John W. Rock reinforcement. 4,537,535, 8-27-85, Cl. 405-260.000.
- MacBurney, Michael G.: *See—*
  - Irani, Keikhosrow; and MacBurney, Michael G., 4,527,896, Cl. 356-43.000.
- Maccaferri, Marco A.: *See—*
  - Cantrell, Daniel V.; Bryant, Herman G., Jr.; Jones, Robert L.; Maccaferri, Marco A.; and McDaniel, William M., 4,503,869, Cl. 131-336.000.
- MacCanna, Cathal, to Garran Enterprises Limited. Method and apparatus for harvesting mushrooms and the like. 4,545,186, 10-8-85, Cl. 56-327.00R.
- MacCannell, Keith L.: *See—*
  - Lederis, Karl P.; MacCannell, Keith L.; and Rivier, Jean E. F., 4,528,189, Cl. 514-12.000.
  - Lederis, Karl P.; MacCannell, Keith L.; Ichikawa, Tomoyuki; and Rivier, Jean E. F., 4,533,654, Cl. 514-12.000.
- MacCarthy, Jean J.: *See—*
  - Staba, E. John; and MacCarthy, Jean J., 4,562,250, Cl. 536-6.000.
- MacCarthy, Patrick. Yo-yo with non-circular cross-sectional axle. 4,492,057, 1-8-85, Cl. 446-250.000.
- MacChesney, John B.; and O'Connor, Paul B., to AT&T Bell Laboratories. Optical fiber fabrication method. 4,504,299, 3-12-85, Cl. 65-3.120.
- Macchi, Carla; and Nicolussi, Franco, to Tecnomare, S.p.A. Method for the construction, transportation and site installation of a deep-sea lattice structure. 4,547,095, 10-15-85, Cl. 405-206.000.
- Macchiarulo, Vincenzo: *See—*
  - Tangorra, Giorgio; Cicognani, Mario; and Macchiarulo, Vincenzo, 4,553,952, Cl. 474-153.000.
- Maccone, Sergio: *See—*
  - Civilla, Enzo; Furlan, Piero; and Maccone, Sergio, 4,541,860, Cl. 71-120.000.
- MacConkey, James S.: *See—*
  - DeCloux, Richard J.; Loeffler, Herbert H.; MacConkey, James S., and Yonkers, E. Hubbard, 4,496,147, Cl. 272-130.000.
- MacCready, Willis, to Michigan Seat Company. Seat with foam snap-on cover. 4,561,695, 12-31-85, Cl. 297-452.000.
- MacDermid, Incorporated: *See—*
  - Barber, Loren L., Jr., 4,502,926, Cl. 204-45.100.
- MacDermott, Bruce R.; and Shapiro, Justin J. Adjustable micro-dispensing liquid pipet. 4,501,163, 2-26-85, Cl. 73-864.130.
- MacDiarmid, Joan E.: *See—*
  - Bardos, Thomas J.; Perlman, Michael E.; and MacDiarmid, Joan E., 4,544,501, Cl. 260-239.0EP.
- Macdonald, Anne L. Method of hand-knitting a patterned fabric. 4,548,055, 10-22-85, Cl. 66-1.00A.
- MacDonald, Bruce E.; Galloway, Geoffrey; and Kakuda, Yukio, to CSP Foods Ltd. Process for preparing sunflower butter spread from pretreated sunflower seeds. 4,515,818, 5-7-85, Cl. 426-268.000.
- MacDonald, Daniel J., to Litton Industrial Products, Inc. Stator winding providing magnetomotive force wave of reduced harmonic content. 4,492,890, 1-8-85, Cl. 310-184.000.
- Macdonald, David I., to AT&T Technologies, Inc. Method of and apparatus for plating using controlled progressive immersion. 4,537,663, 8-27-85, Cl. 204-14.100.
- MacDonald, Donald. Adjustable width frame member for wall openings. 4,541,212, 9-17-85, Cl. 52-217.000.
- MacDonald, Milton H., Jr. Insulated building structure and method for assembling same. 4,510,726, 4-16-85, Cl. 52-309.800.
- MacDonald, R. Ian; Hara, Elmer H.; and Hum, Robert H., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Optoelectronic logic. 4,506,151, 3-19-85, Cl. 250-213.00A.
- MacDonald, Robert C., to Westinghouse Electric Corp. Elevator system. 4,511,017, 4-16-85, Cl. 187-29.00R.
- MacDonald, Robert C., to Northwestern University. Method of preparing giant size liposomes. 4,532,089, 7-30-85, Cl. 264-4.300.
- MacDonald, Robert D., Jr.; Luca, William A.; and Johnstone, Robert M., to Dual-Lite Manufacturing. Opaque sign plaque with dual reflector illumination. 4,561,203, 12-31-85, Cl. 40-570.000.
- MacDonald, Robin B.: *See—*
  - Wilson, Michael E.; Olson, David R.; Stone, Walter H.; and MacDonald, Robin B., 4,502,956, Cl. 210-248.000.
- MacDonald, Scott A.: *See—*
  - Hult, Anders; Ito, Hiroshi; MacDonald, Scott A.; and Willson, Carlton G., 4,551,418, Cl. 430-325.000.
  - Ito, Hiroshi; MacDonald, Scott A.; Miller, Robert D.; and Willson, Carlton G., 4,552,833, Cl. 430-325.000.
- MacDonald, William A.: *See—*
  - Blundell, David J.; Griffin, Brian P.; and MacDonald, William A., 4,499,256, Cl. 528-172.000.
- Macdonell, Gary D.; Lindstrom, Merlin R.; Baldwin, Bernard A.; Louthan, Rector P.; and Schuettenberg, Alexander D., to Phillips Petroleum Company. Aqueous metalworking composition containing 2-hydroxyethyl-(3-chloro-2-hydroxypropyl)sulfide. 4,537,690, 8-27-85, Cl. 252-48.400.
- Macdonell, Gary D.: *See—*
  - Gray, Roy A.; and Macdonell, Gary D., 4,542,241, Cl. 568-62.000.
- MacDougall, Frederick W., to Aerovox Incorporated. Voltage doubler circuit. 4,549,257, 10-22-85, Cl. 363-61.000.
- MacDowell, John F.: *See—*
  - Beall, George H.; MacDowell, John F.; and Taylor, Mark P., 4,519,828, Cl. 65-33.000.
- Mace, Michel: *See—*
  - Miller, Walter G.; Mace, Michel; and Zitterbart, George, 4,520,871, Cl. 169-43.000.
- Mace, Robert: *See—*
  - Ferton, Daniel; and Mace, Robert, 4,511,409, Cl. 148-2.000.
- Macedo, Pedro B.; Simmons, Catherine J.; Tran, Danh C.; Lagakos, Nicholas; and Simmons, Joseph, to Macedo, Pedro B.; and Litovitz, Theodore A. Immobilization of radwastes in glass containers and products formed thereby. 4,528,011, 7-9-85, Cl. 65-30.130.
- Macedo, Pedro B.: *See—*
  - Tran, Danh C.; Macedo, Pedro B.; Simmons, Joseph H.; Simmons, Catherine J.; and Lagakos, Nicholas, 4,544,499, Cl. 252-629.000.
  - Varshneya, Deepak; Macedo, Pedro B.; and Mohr, Robert K., 4,552,577, Cl. 65-22.000.
- MacElvain, Robert C., to Deep Rock Manufacturing Company, Inc. Ratchet and hydraulic seal assembly for rotating hollow shafts. 4,520,879, 6-4-85, Cl. 173-57.000.
- Macerata, Alberto: *See—*
  - Mancini, Paolo; Taddei, Alessandro; Macerata, Alberto; and Marchesi, Carlo, 4,537,202, Cl. 128-712.000.
- Macey, Christopher J.: *See—*
  - Kober, Alfred E.; and Macey, Christopher J., 4,498,402, Cl. 110-345.000.
- Macey, Keith S., to K. S. Macey Machine Company, Inc. Reciprocating stitcher assembly. 4,522,383, 6-11-85, Cl. 270-53.000.
- MacFall, James R.; and Wehrli, Felix W., to General Electric Company. Method of accurate and rapid NMR imaging of computed T_1 and spin density. 4,549,139, 10-22-85, Cl. 324-309.000.
- MacFall, James R., to General Electric Company. Method utilizing combined, interleaved pulse sequences for reducing motion artifacts in computed T_1,T_2 and M_0 NMR imaging. 4,549,140, 10-22-85, Cl. 324-309.000.
- MacFarlane, James L.: *See—*
  - Soubry, Garry V.; and MacFarlane, James L., 4,523,664, Cl. 182-233.000.
- MacGregor, Angus J.: *See—*
  - Bostater, Joseph A.; MacGregor, Angus J.; and Gesicki, Aaron A., 4,493,359, Cl. 164-58.100.
- MacGregor, David C.; and Margules, Gary S., to Cordis Corporation. Breakable vial. 4,506,793, 3-26-85, Cl. 215-32.000.
- MacGregor, David C.: *See—*
  - DeHaan, Abel; and MacGregor, David C., 4,542,752, Cl. 128-784.000.
- MacGregor, Douglas B.; Moyer, William C.; Mills, Marvin A., Jr.; and Zolnowsky, John E., to Motorola, Inc. Data processor version validation. 4,493,035, 1-8-85, Cl. 364-200.000.
- MacGregor, Douglas B.: *See—*
  - Mills, Marvin A., Jr.; Moyer, William C.; MacGregor, Douglas B.; and Zolnowsky, John E., 4,524,415, Cl. 364-200.000.
- MacGregor, Fran W.: *See—*
  - Godfrey, Steven W.; Stern, Allen M.; and MacGregor, Fran W., 4,511,111, Cl. 248-459.000.
- MacGregor, John R.; Rupert, Gary F.; and Kennedy, Thomas M., to Raycon Corporation. Electronic depth controller for EDM apparatus. 4,510,365, 4-9-85, Cl. 219-69.00G.
- MacGregor Sporting Goods, Inc.: *See—*
  - Tomczak, Walter F., 4,525,875, Cl. 2-2.000.
- Machabert, Bernard: *See—*
  - Barriquand, Robert; Barriquand, Bernard; Durantet, Bernard; and Machabert, Bernard, 4,516,413, Cl. 68-5.00C.

- Machacek, Bob: *See—*
  - Howard, John R.; and Machacek, Bob, 4,541,126, Cl. 2-19.000.
- Machaj, Daniel F.: *See—*
  - Niemiro, Thaddeus A.; and Machaj, Daniel F., 4,526,099, Cl. 101-220.000.
- Machell, Greville, to Milliken Research Corporation. Method for producing a di-acetal of sorbitol and an aromatic aldehyde. 4,562,265, 12-31-85, Cl. 549-364.000.
- Macherle, Gunter; and Lieber, Ludwig, to Fritz Eichenauer. Glue gun. 4,535,916, 8-20-85, Cl. 222-113.000.
- Machesney, Gregory W.: *See—*
  - Mittelsteadt, Robert A.; and Machesney, Gregory W., 4,493,960, Cl. 219-10.55B.
- Machida, Bon: *See—*
  - Komatsuzaki, Nobuyuki; Tsubone, Masahiro; and Machida, Bon, 4,528,221, Cl. 428-35.000.
- Machida Endoscope Company Limited: *See—*
  - Kobayashi, Hiroshi; and Machida, Haruhiko, 4,497,144, Cl. 51-284.00R.
- Machida, Haruchika; and Yuchi, Sadataka, to Hochiki Kabushiki Kaisha. Fire alarm system. 4,555,695, 11-26-85, Cl. 340-538.000.
- Machida, Haruhiko: *See—*
  - Kobayashi, Hiroshi; and Machida, Haruhiko, 4,497,144, Cl. 51-284.00R.
  - Sakata, Shinji; and Machida, Haruhiko, 4,542,210, Cl. 536-29.000.
- Machida, Hazime; and Tanaka, Motoharu, to Ricoh Company, Ltd. Ferrimagnetic oxides and magneto-optical recording medium employing the same. 4,562,105, 12-31-85, Cl. 428-161.000.
- Machida, Hazime: *See—*
  - Kobayashi, Hiroshi; Machida, Hazime; and Tanaka, Motoharu, 4,544,602, Cl. 428-336.000.
- Machida, Isao: *See—*
  - Ichida, Katsumi; Fukuo, Koichi; Araki, Junichi; and Machida, Isao, 4,553,473, Cl. 92-261.000.
- Machida, Kaoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Abnormal cell detecting device. 4,537,203, 8-27-85, Cl. 128-734.000.
- Machida, Kenji. Automatic level control circuit. 4,514,701, 4-30-85, Cl. 330-137.000.
- Machida, Satoshi: *See—*
  - Hasegawa, Shigekazu; Okita, Naoki; and Machida, Satoshi, 4,535,847, Cl. 172-2.000.
- Machida, Shigeru: *See—*
  - Arai, Nobukatsu; Machida, Shigeru; Sato, Eiji; Tojo, Kenji; and Uchikawa, Naoshi, 4,496,296, Cl. 418-55.000.
- Machida, Takayasu: *See—*
  - Nikaido, Akira; Machida, Takayasu; Hirosawa, Yasuhisa; and Nakajima, Fumio, 4,558,244, Cl. 310-49.00R.
- Machida, Takeshi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Contact lens holder. 4,496,243, 1-29-85, Cl. 356-244.000.
- Machida, Tetsuo; Tsuhara, Susumu; Tabata, Kuniaki; and Okada, Yasuyuki, to Hitachi, Ltd. Memory control unit. 4,511,962, 4-16-85, Cl. 364-200.000.
- Machida, Toshiaki, to Nippon Electric Co., Ltd. Digital processing circuit having a multiplication function. 4,546,446, 10-8-85, Cl. 364-759.000.
- Machida, Toyotaka, to Victor Company of Japan, Ltd. Synchronizing signal generating apparatus. 4,500,909, 2-19-85, Cl. 358-17.000.
- Machida, Toyotaka: *See—*
  - Aoike, Hitoshi; Machida, Toyotaka; Kumazaki, Toshimasa; and Suenaga, Kazuyuki, 4,491,876, Cl. 358-330.000.
- Machida, Yasuhiko: *See—*
  - Takeda, Takeshi; Machida, Yasuhiko; Kudoh, Yasuo; and Ikegaya, Kazutoshi, 4,508,632, Cl. 252-70.000.
- Machida, Yoshimasa; Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Kitoh, Kyosuke; and Saito, Isao, to Eisai Co., Ltd. 7-carboxymethoxyphenylacetamido-3-cephem derivatives and antibacterial preparations containing the same. 4,546,176, 10-8-85, Cl. 544-21.000.
- Machida, Yoshimasa: *See—*
  - Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Machida, Yoshimasa; Saito, Isao; and Kitoh, Kyosuke, 4,513,145, Cl. 549-402.000.
- Machida, Yukihiko; Nakano, Kenji; and Takahashi, Takao, to Sony Corporation. Method and apparatus for recording digital information in alternate recording tracks. 4,551,771, 11-5-85, Cl. 360-19.100.
- Machida, Yukihiko: *See—*
  - Akutagawa, Tooru; and Machida, Yukihiko, 4,559,501, Cl. 330-293.000.
- Machine- en Constructiewerkplaats Meijer: *See—*
  - Kooi, Hessel; and Meijer, Sjoerd, 4,498,837, Cl. 414-664.000.
- Machine Engineering Co., Ltd.: *See—*
  - Ito, Takeshi, 4,515,325, Cl. 242-84.51R.
  - Kojima, Satoru, 4,508,328, Cl. 269-236.000.
- Machine Technology, Inc.: *See—*
  - Devico, Michael J.; and Hillman, Gary, 4,517,752, Cl. 34-58.000.
  - Hillman, Gary, 4,519,526, Cl. 222-212.000.
- Machinefabriek G. J. Nijhuis B.V.: *See—*
  - Abele, Gunter, 4,512,058, Cl. 17-20.000.
  - Goossens, Jan B. R., 4,524,487, Cl. 17-1.00E.
  - Nijhuis, Johan W., 4,561,149, Cl. 17-45.000.
- Machinefabriek Markert B.V.: *See—*
  - Markert, Heinrich W., 4,506,410, Cl. 17-11.000.
- Machinenfabrik Flums AG: *See—*
  - Benz, Gotlieb, 4,537,008, Cl. 53-438.000.
- Machino, Katsuyuki: *See—*
  - Ise, Masahiro; Machino, Katsuyuki; Tanaka, Hidehiko; and Matsubara, Toshiyuki, 4,517,548, Cl. 340-310.00R.
  - Ise, Masahiro; Tanaka, Hidehiko; and Machino, Katsuyuki, 4,528,677, Cl. 375-36.000.
  - Ise, Masahiro; Tanaka, Hidehiko; Machino, Katsuyuki; Matsubara, Toshiyuki; and Terasaka, Teiji, 4,554,532, Cl. 340-501.000.
- Machler, David C. Corner fastener. 4,502,260, 3-5-85, Cl. 52-656.000.
- Machler, Meinrad; Sachse, Richard; Stacklies, Horst; and Schindler, Achim, to Carl-Zeiss-Stiftung. Method and apparatus for adjusting and mounting optical components in optical instruments. 4,496,416, 1-29-85, Cl. 156-293.000.
- Machlin, Irving: *See—*
  - Lemkey, Franklin D.; and Machlin, Irving, 4,543,235, Cl. 420-443.000.
- Machmerth, Herbert, to Ernst Leitz Wetzlar GmbH. Photographic camera and interchangeable lens for use therewith. 4,506,968, 3-26-85, Cl. 354-286.000.
- Machmerth, Herbert: *See—*
  - Bletz, Walter; Machmerth, Herbert; and Mandler, Walter, 4,541,700, Cl. 354-286.000.
- Machnee, Cecil B., to Morris Rod-Weeder Co. Ltd. Dispensing wheel and shaft mounting arrangement therefor. 4,500,017, 2-19-85, Cl. 222-288.000.
- Machnee, Cecil B., to Morris Rod-Weeder Co. Ltd. Agricultural implement hitch assembly. 4,500,105, 2-19-85, Cl. 280-468.000.
- Macho Products, Inc.: *See—*
  - Cho, Soo S., 4,497,070, Cl. 2-22.000.
- Machon, William P., Sr. Device for elevating closet bowl. 4,515,398, 5-7-85, Cl. 285-59.000.
- MacHose, Robert L. Carrier for transporting paintings and other substantially planar artwork. 4,493,504, 1-15-85, Cl. 294-146.000.
- Machova, Alena: *See—*
  - Simek, Petr; Barth, Tomislav; Brtnik, Frantisek; Jost, Karel; Machova, Alena; Servitova, Linda; and Slantinova, Jirina, 4,508,645, Cl. 260-112.50R.
- Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, to Richter Gedeon Vegyeszeti Gyar Rt. Pharmaceutically active copolymers, process for their preparation and pharmaceutical compositions containing them. 4,530,964, 7-23-85, Cl. 525-61.000.
- Macht, Jon A., to Owatonna Manufacturing Company, Inc. Vehicle frame. 4,514,007, 4-30-85, Cl. 296-183.000.
- Machtle, Roland, to Werkzeugfabrik Fritz Machtes GmbH & Co. K.G. Expansion anchor. 4,519,735, 5-28-85, Cl. 411-65.000.
- Maciejczak, Robert A. Inspection system for mechanical structures. 4,550,376, 10-29-85, Cl. 364-512.000.
- Maciejczak, Robert A. Safety support and rescue clamp. 4,552,244, 11-12-85, Cl. 182-82.000.
- Maciejewski, Walter J., to Gearhart Industries, Inc. Method and apparatus for determining the spontaneous earth potential log from downhole gradient measurements. 4,523,148, 6-11-85, Cl. 324-351.000.
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  - Crawford, Thomas C.; Keely, Stanley L.; Larson, David L.; Lombardino, Joseph G.; and Maciejko, James J., 4,559,326, Cl. 514-23.000.
- Macin, Bruce J.; and Bresin, Mark S., to Motorola, Inc. Method and apparatus for testing a sealed container. 4,534,208, 8-13-85, Cl. 73-49.300.
- MacInnes, Hugh; Meyer, Jon A.; Johnston, Andrew E.; and Fort, John W., Jr., to Roto-Master, Inc. Turbocharger method of operation and turbine housing therefor. 4,504,187, 3-12-85, Cl. 415-1.000.
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- MacIntyre, Duncan, to National Research Development Corporation. Soil working device with cleaner. 4,502,547, 3-5-85, Cl. 172-606.000.
- Macioch, Michael T., to Minnesota Mining and Manufacturing Company. Tannable multi-colored material. 4,544,620, 10-1-85, Cl. 430-264.000.
- Maciocia, Michael J.: *See—*
  - Long, Stuart G.; and Maciocia, Michael J., 4,554,210, Cl. 428-349.000.
- Maciorowski, Michael W. Balance toy. 4,522,403, 6-11-85, Cl. 273-154.000.
- MacIsaac, William L. Vehicle suspension system. 4,550,926, 11-5-85, Cl. 280-112.00A.
- MacIver, Bernard A.; Erskine, James C., Jr.; and Bierlein, John C., to General Motors Corporation. Metal bearing element with a score-resistant coating. 4,540,636, 9-10-85, Cl. 428-610.000.
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- Mack, Audrey: *See—*
  - Howe, Clarice M.; and Mack, Audrey, 4,509,444, Cl. 112-262.100.
- Mack, Ernst: *See—*
  - Sonneborn, Siegfried; Handel, Manfred; and Mack, Ernst, 4,543,753, Cl. 52-15.000.
- Mack, Heinz. Dental articulator. 4,511,332, 4-16-85, Cl. 433-59.000.
- Mack, James F. Seal for rotary actuator. 4,510,850, 4-16-85, Cl. 92-125.000.
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  - Bardin, Roland; Mack, Joel; and Counioux, Jean-Jacques, 4,525,327, Cl. 420-565.000.
- Mack, Mark P., to Conoco Inc. Polymerization process for drag reducing substances. 4,493,903, 1-15-85, Cl. 502-121.000.

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- Mack, Mark P.; and Shannon, Mark L., to Du Pont de Nemours, E. I., and Company. Olefin polymerization catalyst. 4,525,468, 6-25-85, Cl. 502-104.000.
- Mack, Mark P.: *See*—
  - Fenton, Jeff T.; Lundeen, Allan J.; Mack, Mark P.; and Merrick, Jean A., 4,539,374, Cl. 525-240.000.
- Mack, Michael H.; Corley, Sterling C.; and Cole, Leland G. Method for electrically introducing substances into liquid solution. 4,496,443, 1-29-85, Cl. 204-130.000.
- Mack Trucks, Inc.: *See*—
  - Kronstadt, Victor, 4,544,055, Cl. 192-70.120.
  - Lindsay, Frederick E.; and Alexander, Willis R., 4,557,831, Cl. 210-232.000.
  - Saxman, Edwin F., 4,521,047, Cl. 296-97.00K.
  - Thompson, Lionel D.; Jenkins, Harold E.; Hickerson, Richard A.; and Weaver, Russell E., 4,493,303, Cl. 123-357.000.
- Mack, William; Morrison, Herbert; and Chiapetta, Frank, to Clairol Incorporated. Hair trimmer. 4,498,237, 2-12-85, Cl. 30-200.000.
- Mack, William R.: *See*—
  - Buchanan, Harry C., Jr.; Mack, William R.; and Malhotra, Jagmohan K., 4,543,839, Cl. 74-98.000.
- Mack, Wolfgang. Writing implement with two retractable cartridges. 4,549,827, 10-29-85, Cl. 401-29.000.
- Mackal, Glenn H. Automatic inflator. 4,498,604, 2-12-85, Cl. 222-5.000.
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  - Carrington, Donald P.; and MacKay, Andrew D., 4,497,229, Cl. 83-76.000.
- Mackay, Donald A. M.: *See*—
  - Morris, William M.; Witzel, Frank; Puglia, Wayne J.; Mackay, Donald A. M.; Clark, K. Warren; and Patanasinth, Kanit J., 4,533,543, Cl. 424-38.000.
  - Stroz, John J.; and Mackay, Donald A. M., 4,508,713, Cl. 514-60.000.
- MacKay, Duncan: *See*—
  - Madden, Allan C.; Cellucci, Robert; Hoshida, Robert A.; and MacKay, Duncan, 4,499,768, Cl. 73-462.000.
- MacKay, Kenneth D.: *See*—
  - Kordosky, Gary A.; MacKay, Kenneth D.; Sudderth, R. Brantley; and Sierakoski, Joseph M., 4,507,268, Cl. 423-24.000.
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- Mackay, Robert D., to AT&T Technologies, Inc. Solder-bearing lead. 4,500,149, 2-19-85, Cl. 339-17.00C.
- Mackay, Robert D., to AT&T Technologies, Inc. Low-insertion force method of assembling a lead and a substrate. 4,503,609, 3-12-85, Cl. 29-843.000.
- Macke, Gerald F.: *See*—
  - Liberti, Frank N.; and Macke, Gerald F., 4,556,681, Cl. 521-90.000.
- MacKeighen, Harold R.; and Cortesi, Vincent T., to Alfred D. Lobo Co., L.P.A. Elastomer compositions containing humates. 4,532,260, 7-30-85, Cl. 521-84.100.
- MacKenna, William B.: *See*—
  - Higgins, Philip M.; MacKenna, William B.; Sickels, Lawrence G.; and Stumpf, Richard A., 4,491,917, Cl. 364-424.000.
- Mackenroth, Joseph R., III. High intensity ultraviolet light video imaging apparatus. 4,511,925, 4-16-85, Cl. 358-244.000.
- Mackensen, Klaus: *See*—
  - Heinze, Helmut; Wilhelm, Fritz; Mackensen, Klaus; and Finkeldei, Ferdinand, 4,499,261, Cl. 528-279.000.
- Mackenthun, Donald W.: *See*—
  - Burns, Gary D.; Mackenthun, Donald W.; and Schaber, Scott D., 4,528,665, Cl. 371-51.000.
- MacKenzie, Alfred K.: *See*—
  - Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.
- MacKenzie, Burton T., to TRW Inc. Low profile submersible electrical cable. 4,515,993, 5-7-85, Cl. 174-102.00R.
- Mackenzie, Harold B.; and Anderson, Ingvar G., to New Life Foundation. High efficiency refuse-derived-fuel supplying system for industrial boilers. 4,517,925, 5-21-85, Cl. 122-2.000.
- MacKenzie, Keith W., to Netcom, Inc. Biased holder for a crystal wafer. 4,511,820, 4-16-85, Cl. 310-353.000.
- MacKenzie, Patricia D.: *See*—
  - King, C. Judson; and MacKenzie, Patricia D., 4,547,293, Cl. 210-638.000.
- MacKenzie, Robert B.: *See*—
  - Priamo, Lawrence; and MacKenzie, Robert B., 4,530,090, Cl. 370-58.000.
- Mackerer, Carl R.: *See*—
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- Mackert, Wilhelm; and Matthay, Karlheinz, to Kulzer & Co. GmbH. Color scale palette. 4,541,801, 9-17-85, Cl. 433-26.000.
- Mackey, Charles P. Name belt with selective letter inserts. 4,521,923, 6-11-85, Cl. 2-338.000.
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- Mackey, Richard C., to Novation, Inc. Solid state off hook phone line load. 4,500,754, 2-19-85, Cl. 179-81.00R.
- Mackey, Sherman E., Jr., to S & K Products Co. Inc. Table and literature display stand. 4,548,324, 10-22-85, Cl. 211-58.000.
- Mackie, David M.; and Joyce, Peter, to MacMillan Bloedel Limited. Two-stage chemical treatment of mechanical wood pulp with sodium sulfite. 4,502,918, 3-5-85, Cl. 162-24.000.
- Mackie, Ronald D., to Nutek, Incorporated. Electronic ignition system for internal combustion engines. 4,558,673, 12-17-85, Cl. 123-416.000.
- Mackiewicz, John E.; and Martinic, Jack, to Allied Corporation. Hydraulic brake booster. 4,539,892, 9-10-85, Cl. 91-391.00R.
- Mackin, Steven J.; and Tillotson, Harry T., to General Motors Corporation. Boot cover for a floor-mounted transmission lever. 4,522,081, 6-11-85, Cl. 74-473.00R.
- MacKinnon, Allan S.; Willemsen, Donald J.; and Hamilton, David T., to Modular Automation Corp. Automated guided vehicle system. 4,530,056, 7-16-85, Cl. 364-424.000.
- Mackinnon, John W. M.: *See*—
  - Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, 4,536,508, Cl. 514-383.000.
  - Hayes, Roger; Bays, David E.; Mackinnon, John W. M.; and Carey, Linda, 4,507,296, Cl. 514-212.000.
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- Mackiol, Norbert: *See*—
  - Habeck, Reinhold; Mackiol, Norbert; Mautner, Franz; and Schwarzler, Peter, 4,510,871, Cl. 105-167.000.
- Macklanburg-Duncan Company: *See*—
  - Haefner, LeRoy H.; and Rhodes, Stephen M., 4,534,117, Cl. 33-379.000.
- Macklin, Ian S.: *See*—
  - Leigh, Malcolm H.; Deiner, Hans; Philpott, George C.; Macklin, Ian S.; and McDonald, Alan, 4,559,056, Cl. 8-115.640.
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- Macknick, Albert B.: *See*—
  - Stewart, Ray F.; Masia, Michael; and Macknick, Albert B., 4,502,929, Cl. 204-147.000.
- Macknight, Eileen E.: *See*—
  - Ingram, John D.; and Macknight, Eileen E., 4,562,556, Cl. 367-26.000.
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- Mackowiak, Jerzy: *See*—
  - Billet, Reinhard; Kober, Rainer; Mackowiak, Jerzy; and Geipel, Werner, 4,522,767, Cl. 261-94.000.
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- Mackrill, Hubert W. Method for manufacturing rosettes. 4,527,719, 7-9-85, Cl. 223-44.000.
- Mack's Guns: *See*—
  - McMillon, Carlos H., 4,509,282, Cl. 42-1.0ST.
- MacLachlan, George F.: *See*—
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
- MacLaine, Colin G.; and Owen, David J., to Imperial Chemical Industries PLC. Electrostatic spraying. 4,561,037, 12-24-85, Cl. 361-228.000.
- MacLaine, Colin G.: *See*—
  - Owen, David J.; and MacLaine, Colin G., 4,549,243, Cl. 361-228.000.
- MacLaughlin, Donald: *See*—
  - Fortuna, Vincent; and MacLaughlin, Donald, 4,534,751, Cl. 493-108.000.
- MacLaughlin, Donald N.; and Fortuna, Vincent E., to Vercon Inc. Methods for oscillatory bonding of dissimilar thermoplastic materials. 4,514,242, 4-30-85, Cl. 156-73.500.
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- MacLaughlin, Donald N.: *See*—
  - Fortuna, Vincent E.; and MacLaughlin, Donald N., 4,552,612, Cl. 156-494.000.
- MacLaurin, Andrew: *See*—
  - Money, David K.; Swift, Stephen; MacLaurin, Andrew; and Frost, John G., 4,509,529, Cl. 128-708.000.
- MacLaury, Michael R.: *See*—
  - Stoll, Robert W.; MacLaury, Michael R.; and Wilson, Ronald H., 4,552,783, Cl. 427-91.000.
  - Stoll, Robert W.; and MacLaury, Michael R., 4,554,147, Cl. 423-335.000.
- Maclay, William R.: *See*—
  - Lindberg, Charles A.; Maclay, William R.; and Merritt, Lauren V., 4,543,621, Cl. 360-77.000.
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- Maclean, Ewen M.; and Spector, George. Modular concept in camper trailer having portable corridor. 4,557,518, 12-10-85, Cl. 296-156.000.
- MacLean-Fogg Company: *See—*
  - Murray, Pierre C., 4,536,116, Cl. 411-82.000.
  - Trendler, David, 4,549,670, Cl. 220-338.000.
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- MaCleod, Donald J., to Applied Motion Products, Inc. Brushless DC motor assembly with improved stator pole. 4,499,407, 2-12-85, Cl. 318-254.000.
- MacLeod, Nigel; and Ruxton, David, to Rodime plc. Stepper motor control for data disk system. 4,518,904, 5-21-85, Cl. 318-685.000.
- MacLeod, Robert B., Jr.: *See—*
  - Gelardi, Paul J.; and MacLeod, Robert B., Jr., 4,533,093, Cl. 242-197.000.
  - Gelardi, Paul J.; and MacLeod, Robert B., Jr., 4,540,090, Cl. 206-387.000.
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- Maclin, Harvey M.: *See—*
  - Wakeman, Thomas G.; and Maclin, Harvey M., 4,555,901, Cl. 60-39.320.
- MacMichael, Donald B. A.: *See—*
  - Harrison, William J.; Reynolds, Andrew J.; Kellaway, Michael J.; MacMichael, Donald B. A.; and Miller, Anne T., 4,526,215, Cl. 141-83.000.
- MacMillan Bloedel Limited: *See—*
  - Churchland, Mark T.; and Parker, David, 4,508,772, Cl. 428-106.000.
  - Churchland, Mark T., 4,517,148, Cl. 264-112.000.
  - Churchland, Mark T.; and Schilling, Walter W., 4,546,886, Cl. 209-665.000.
  - Knudson, Robert M.; and Ehrenfellner, Hubert, 4,494,919, Cl. 425-83.100.
  - Mackie, David M.; and Joyce, Peter, 4,502,918, Cl. 162-24.000.
  - Rosenberg, George N., 4,492,726, Cl. 428-192.000.
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  - Healy, George M.; Curry, Kenneth D.; Macmorine, Hildegarde M. G.; and Holst, Folke, 4,520,107, Cl. 435-240.000.
- MacNair, Leonard I.; and Fishlock, Gary, to Metal Box p.l.c. Dispensing valve assembly for a pressurized container. 4,503,999, 3-12-85, Cl. 222-402.160.
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- MacNamee, Richard W., to Sangamo Weston, Inc. Electrolytes for electrolytic capacitors. 4,522,737, 6-11-85, Cl. 252-62.200.
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- MacNeill, Avril B.: *See—*
  - Kirton, Douglas C.; MacNeill, Avril B.; and Verhagen, Laurentius A. M., 4,536,411, Cl. 426-603.000.
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- Maco Meudon Chemin de Genas: *See—*
  - Segonne, Jean-Marc, 4,515,515, Cl. 417-26.000.
- Maconis, John, Jr.: *See—*
  - Adur, Ashok M.; Schmukler, Seymour; Maconis, John, Jr.; and Shida, Mitsuzo, 4,537,836, Cl. 428-522.000.
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  - Hall, Robert E., 4,504,002, Cl. 224-211.000.
- MacPhail, David M., to Macpod Enterprises Ltd. Fit and support system for sports footwear. 4,534,122, 8-13-85, Cl. 36-88.000.
- MacPherson, David B.; Paris, Jay E.; Foley, Robert W.; Greinier, Martin W.; and Pulsifer, David N., to Eastern Company, The. Sewage treatment device. 4,516,281, 5-14-85, Cl. 4-319.000.
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  - Rastall, Mary H.; Ng, Norman H.; and MacPherson, Edwin J., 4,525,492, Cl. 521-181.000.
- Macpherson, Inc.: *See—*
  - Schwartzott, John M., 4,527,346, Cl. 38-144.000.
- MacPherson, William F.: *See—*
  - Hudson, Robert C.; MacPherson, William F.; and Sharpless, Charles H., 4,499,532, Cl. 363-21.000.
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  - MacPhail, David M., 4,534,122, Cl. 36-88.000.
- MacRae, Ralph A.: *See—*
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- Macrander, Max S.: *See—*
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- Macri, Antonio: *See—*
  - Staiger, Gerhard; and Macri, Antonio, 4,503,240, Cl. 549-458.000.
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- Macropol, James L.: *See—*
  - Mason, Gary R.; Speaker, Kenneth W.; Macropol, James L.; McKie, Robert A.; and Bailin, Sidney C., 4,503,499, Cl. 364-200.000.
- MacTaggert Scott (Holdings) Ltd.: *See—*
  - Bird, Robert, 4,530,303, Cl. 114-332.000.
- Mactron, Inc.: *See—*
  - Arndt, Raymond J., 4,527,510, Cl. 118-669.000.
- Macur, George J.; Pratt, W. Robert; and Sharkness, James E., to International Business Machines Corporation. Method for treating waste compositions. 4,512,900, 4-23-85, Cl. 210-748.000.
- Macura, Slobodan: *See—*
  - Ernst, Richard R.; Wuthrich, Kurt; and Macura, Slobodan, 4,510,449, Cl. 324-309.000.
- MacWilliams, David; and Rigbey, Leonard J., to International Business Machines Corporation. Gravity feed chute. 4,508,204, 4-2-85, Cl. 193-40.000.
- Macy, Arnel M.: *See—*
  - Fearon, William W.; and Macy, Arnel M., 4,522,284, Cl. 181-292.000.
- Macy, David F.: *See—*
  - Juptner, William F.; Macy, David F.; and Staudte, Juergen H., 4,538,461, Cl. 73-505.000.
- Macy, Lawrence E., to Muncie Power Product Inc. Electronic overspeed switch. 4,510,899, 4-16-85, Cl. 123-198.00D.
- Maczenski, Stanislaw: *See—*
  - Bialy, Jan; Penczek, Irena; Maczenski, Stanislaw; and Borensztajn, Marek, 4,556,699, Cl. 526-68.000.
- Maczko, John J.: *See—*
  - Dybala, Charles J.; and Maczko, John J., 4,529,028, Cl. 164-369.000.
- Maczuszenko, Andrzej; Davison, Ernest; Otter, Brian; Whittaker, Brian F.; Novak, Christopher; and Landheer, Dolf, to Delphax Systems. Electrostatic printing apparatus and method. 4,516,847, 5-14-85, Cl. 355-3.0TR.
- MAD Computer, Inc.: *See—*
  - Yurchenco, James R.; and Nuttall, Michael J., 4,524,940, Cl. 248-359.000.
- MADAG Maschinen- und Apparatebau Dietikon AG: *See—*
  - Rosenberg, Stephan, 4,533,163, Cl. 289-1.500.
- Madalinski, Kazimierz: *See—*
  - Brzosko, Witold; Janicki, Piotr; Laskowski, Zbigniew; Madalinski, Kazimierz; and Dabrowa, Andrzej, 4,558,011, Cl. 435-272.000.
- Madan, Arun: *See—*
  - Ovshinsky, Stanford R.; and Madan, Arun, 4,520,380, Cl. 357-2.000.
- Madar, Laszlo: *See—*
  - Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.
- Madarame, Michimasa; and Ueda, Kaichi, to Diesel Kiki Co., Ltd. Overheat detecting device of an air conditioning system for automotive vehicles. 4,507,935, 4-2-85, Cl. 62-227.000.
- Madaus, Rolf; and Gorler, Klaus, to Dr. Madaus & Co. Laxative composition comprising psyllium seeds and senna fruits. 4,511,561, 4-16-85, Cl. 424-195.100.
- Maddalozzo, Raymond J., to Dresser Industries, Inc. Hydraulic control valve with fluid dampening system. 4,531,709, 7-30-85, Cl. 251-48.000.
- Madden, Allan C.; Cellucci, Robert; Hoshida, Robert A.; and MacKay, Duncan, to Coats Wheel Balancer Corp. Cantilever support for an apparatus to determine the imbalance in a rotating object. 4,499,768, 2-19-85, Cl. 73-462.000.

Madden, James A.; and LeDuc, Kenneth C., to General Electric Company. Apparatus for the automatic closure of electrochemical cells. 4,502,213, 3-5-85, Cl. 29-730.000.

Madden, James J., to AT&T Bell Laboratories. Integrated circuit chip carrier mounting arrangement. 4,506,938, 3-26-85, Cl. 339-17.0CF.

Madden, James J., to AT&T Bell Laboratories. Electrical interconnection apparatus. 4,540,229, 9-10-85, Cl. 339-75.00M.

Maddern, Thomas S.; Ansell, John W.; and Philip, Alexander S., to Plessey Company plc, The. Digital switching network for telecommunications exchange. 4,535,442, 8-13-85, Cl. 370-13.000.

Maddern, Thomas S.: *See—*

Ansell, John W.; Maddern, Thomas S.; and Philip, Alexander S., 4,530,089, Cl. 370-58.000.

Madderra, Jimmy M.: *See—*

Hoffmeister, Lawrence D.; Madderra, Jimmy M.; and Thompson, Richard J., 4,561,568, Cl. 222-130.000.

Maddock, Robert F., to International Business Machines Corporation. Text processing apparatus with two-stage formatting of text. 4,513,391, 4-23-85, Cl. 364-900.000.

Maddock, Robert T.: *See—*

Prader, Randolph D.; Benoit, Gordon L.; and Maddock, Robert T., 4,493,419, Cl. 206-554.000.

Maddocks, Keith L., to KMG Systems Limited. Vibratory distribution system. 4,540,082, 9-10-85, Cl. 198-358.000.

Maddox, Edward L., to Leesona Corporation. Defective motor brush detector. 4,528,556, 7-9-85, Cl. 340-648.000.

Maddox, James P.; Jolley, Jack, Jr.; Drobnick, Louis W.; and Amend, William E., to Transamerica DeLaval Inc. Vibration damping of rotor carrying liquid ring. 4,502,839, 3-5-85, Cl. 415-202.000.

Maddox, James P., to Transamerica DeLaval Inc. Vibration damped asymmetric rotor carrying liquid ring or rings. 4,511,309, 4-16-85, Cl. 415-202.000.

Maddox, Jim, Jr., to Texaco Inc. Method of extracting and reutilizing surfactants from emulsions. 4,513,820, 4-30-85, Cl. 166-266.000.

Maddox, Jim, Jr., to Texaco Inc. Method of extracting and reutilizing surfactants from emulsions with sulfonated alkyl benzenes and alcohols. 4,516,635, 5-14-85, Cl. 166-266.000.

Maddox, Jim, Jr.; and Schievelbein, Vernon H., to Texaco Inc. Method of extracting and reutilizing surfactants from emulsions using sulfonated alkyl benzenes and ethoxylated phenols. 4,518,038, 5-21-85, Cl. 166-266.000.

Maddux, Gordon T.: *See—*

Maddux, Irene H.; and Maddux, Gordon T., 4,557,268, Cl. 128-579.00R.

Maddux, Irene H.; and Maddux, Gordon T. Under garment providing support. 4,557,268, 12-10-85, Cl. 128-579.00R.

Madec, Marcel: *See—*

Espitalie, Jean; Madec, Marcel; Leplat, Paul; and Paulet, Jacques, 4,519,983, Cl. 422-78.000.

Madello, Kenneth L.: *See—*

Jacobson, James W.; Glick, J. Leslie; and Madello, Kenneth L., 4,540,506, Cl. 252-174.120.

Mader, Gerald J. Method of repairing breaks in sheet material. 4,526,636, 7-2-85, Cl. 156-94.000.

Mader, Gotz: *See—*

Moser, Theo; and Mader, Gotz, 4,501,307, Cl. 141-258.000.

Mader, Herbert: *See—*

Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, 4,504,670, Cl. 549-347.000.

Mader, Karl-Heinz: *See—*

Franklin, Brian; and Mader, Karl-Heinz, 4,554,259, Cl. 501-67.000.

Kassner, Reinhard; Mader, Karl-Heinz; and Cook, Lee M., 4,507,393, Cl. 501-75.000.

Madewell, George R., to Combustion Engineering, Inc. Apparatus for nondestructively measuring the thickness of a magnetic flux conductive clad material over a magnetic flux conductive base material of a different permeability. 4,507,609, 3-26-85, Cl. 324-230.000.

Madewell, James A.; Molitor, Edwin A.; Crowe, Norman P.; Lampe, Guy W.; and Pavey, Charles F., to Multifold-International, Inc. Machine for accumulating edgewise supported articles. 4,500,245, 2-19-85, Cl. 414-108.000.

Madewell, Jimmy: *See—*

Brcich, Joseph A.; Levy, Roy J.; Madewell, Jimmy; and Threewitt, N. Bruce, 4,542,454, Cl. 364-200.000.

Madey, John M. J.: *See—*

Deacon, David A. G.; Madey, John M. J.; Smith, Todd I.; and Colson, William B., 4,491,948, Cl. 372-2.000.

Madge, Werner; Vogelhuber, Peter; Stellmach, Dieter; and Hauger, Josef, to Kienzle Apparate GmbH. Printing apparatus of modular construction having a rotatable printhead and plural print stations. 4,531,852, 7-30-85, Cl. 400-692.000.

Madgett, Raymond J.: *See—*

Kolodesh, Michael S.; Peters, Edward L.; and Madgett, Raymond J., 4,511,318, Cl. 425-133.100.

Madi, Jeno: *See—*

Ratsko, Istvan; Ivony, Jozsef; Karaszi, Gyorgy; Madi, Jeno; and Liptai, Nandor, 4,494,765, Cl. 280-432.000.

Madia, Ashwin: *See—*

Johnson, Eric A.; Demain, Arnold L.; and Madia, Ashwin, 4,540,664, Cl. 435-99.000.

Madigan, James A., to Reed Rock Bit Company. Nozzle assembly for an earth boring drill bit. 4,542,798, 9-24-85, Cl. 175-340.000.

Madill, Michael J.: *See—*

Ives, Donald T.; Madill, Michael J.; and Sliva, Philip G., 4,514,444, Cl. 427-242.000.

Madion, Herbert E. Portable shelter. 4,505,286, 3-19-85, Cl. 135-90.000.

Madison, David P.; and Cruver, Michael B. Apparatus for folding a dough sheet to enclose a foodstuff filler. 4,516,487, 5-14-85, Cl. 99-450.600.

Madle, Peter: *See—*

Van Brunt, Michael K.; and Madle, Peter, 4,547,623, Cl. 174-35.00R.

Madley, Jack R.: *See—*

Heathcoat, Michael J.; Jackson, Douglas H.; Jowitt, Frederick W.; Madley, Jack R.; and Stuart, Ian C. E., 4,515,677, Cl. 204-300.0EC.

Madnick, Herman; and Goldman, Ralph F., to Multi-Tech Corporation. Cold-weather muff. 4,495,659, 1-29-85, Cl. 2-66.000.

Madonia, Ciro. Support stake for plants. 4,523,405, 6-18-85, Cl. 47-47.000.

Madonia, Ciro; Hatzikelis, Christopher; and Cosentino, Cesare C. Composite molding system. 4,546,022, 10-8-85, Cl. 428-31.000.

Madonia, Ciro: *See—*

Hatzikelis, Christopher; Madonia, Ciro; and Cosentino, Cesare C., 4,493,806, Cl. 264-28.000.

Madonia, Ralph J.: *See—*

Questel, John M.; and Madonia, Ralph J., 4,499,130, Cl. 428-42.000.

Madonio, Andrew M.; and Gulick, Michael H., to General Motors Corporation. Locking mechanism for vehicle door. 4,539,775, 9-10-85, Cl. 49-255.000.

Madonna, William J. Stimulus/response device. 4,498,870, 2-12-85, Cl. 434-335.000.

Madras, Peter N., to New England Deaconess Hospital. Small diameter vascular bypass and method. 4,503,568, 3-12-85, Cl. 3-1.400.

Madray, Herbert R. Building construction. 4,551,957, 11-12-85, Cl. 52-90.000.

Madsac, Michel; and Hiron, Thierry, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Surface hardening process for metal parts. 4,531,984, 7-30-85, Cl. 148-16.600.

Madsen, Kay, to Eaton Corporation. Optical inspection system. 4,553,838, 11-19-85, Cl. 356-237.000.

Madsen, Roger E.; and Williams, Michael M., to Packaging Corporation of America. Interlocking end closure flaps on collapsible eight-sided receptacle. 4,511,080, 4-16-85, Cl. 229-41.00C.

Mady, Raschad; Hanelt, Winand; Morlock, Roland; Geruhn, Dieter; Leyhe, Lutz; Meyer zu Bexten, Jobst H.; and Ricke, Franz, to Gerhard Collardin GmbH. Phosphating process for zinc-plated metals. 4,497,668, 2-5-85, Cl. 148-6.15Z.

Madzgalla, Hans G.: *See—*

Meyer, Carl; and Madzgalla, Hans G., 4,527,669, Cl. 188-73.380.

Mae, Hisao; and Miyauchi, Kazuo, to Toyota Jidosha Kabushiki Kaisha. Fuel injection apparatus for controlling the amount of alcohol and gasoline supplied to a mixed fuel engine. 4,546,732, 10-15-85, Cl. 123-1.00A.

Mae, Hisao: *See—*

Kobayashi, Hideo; Kashiwagi, Takao; Yoshimura, Kunimasa; and Mae, Hisao, 4,539,942, Cl. 123-41.100.

Maeba, Yukio, to Murata Manufacturing Co., Ltd. Stabilizing power-supply circuit. 4,510,562, 4-9-85, Cl. 363-19.000.

Maebayashi, Jiro, to Mazda Motor Corporation. Automobile rear wheel suspension mechanism. 4,491,341, 1-1-85, Cl. 280-688.000.

Maebayashi, Jiro; and Kijima, Takao, to Mazda Motor Corporation. Vehicle rear-suspension mechanism. 4,529,223, 7-16-85, Cl. 280-701.000.

Maebayashi, Jiro: *See—*

Kijima, Takao; and Maebayashi, Jiro, 4,526,400, Cl. 280-701.000.

Kijima, Takao; and Maebayashi, Jiro, 4,529,221, Cl. 280-701.000.

Kijima, Takao; and Maebayashi, Jiro, 4,529,222, Cl. 280-701.000.

Kijima, Takao; Maebayashi, Jiro; and Ando, Fumitaka, 4,530,513, Cl. 280-701.000.

Kijima, Takao; Maebayashi, Jiro; and Ando, Fumitaka, 4,536,007, Cl. 280-701.000.

Kijima, Takao; and Maebayashi, Jiro, 4,542,920, Cl. 280-701.000.

Maebe, Richard M. Bicycle with steerable wheels. 4,506,902, 3-26-85, Cl. 280-266.000.

Maeda, Chiaki: *See—*

Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, 4,511,733, Cl. 560-253.000.

Hisamoto, Iwao; Maeda, Chiaki; and Hirai, Masaru, 4,559,179, Cl. 260-456.00F.

Maeda, Hirofumi; Nakamura, Kyoichi; and Hatamoto, Toshihiro, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Pre-expanding process and apparatus for the same. 4,524,154, 6-18-85, Cl. 521-58.000.

Maeda, Hirofumi; Nakamura, Kyoichi; and Fukui, Hisatoshi, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Pre-expanding process and apparatus for the same. 4,525,485, 6-25-85, Cl. 521-58.000.

Maeda, Hiroshi: *See—*

Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,543,334, Cl. 435-253.000.

Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,547,523, Cl. 514-375.000.

Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,552,843, Cl. 435-76.000.

Maeda, Hisashi, to Inax Corporation. Tile panel having convex and concave portions around substrate board, and method for production thereof. 4,548,008, 10-22-85, Cl. 52-392.000.

Maeda, Katsunosuke: *See—*

Murakami, Yukihiro; Murakami, Shigeomi; and Maeda, Katsunosuke, 4,523,321, Cl. 373-110.000.

Maeda, Katsutoshi; and Shimoda, Ikuo, to JGC Corporation; and Oiles Industry Co., Ltd. Damping support for piping system. 4,534,535, 8-13-85, Cl. 248-636.000.

Maeda, Katsuya: *See—*

Suzuki, Atsushi; Ninomiya, Masakazu; Maeda, Katsuya; and Kawashima, Yutaka, 4,550,701, Cl. 123-436.000.

Maeda, Katuya: *See—*

Suzuki, Atsushi; Ninomiya, Masakazu; and Maeda, Katuya, 4,538,578, Cl. 123-478.000.

Maeda, Kazuo, to Kabushiki Kaisha Kito. Hoist. 4,496,136, 1-29-85, Cl. 254-350.000.

Maeda, Kazuo, to Kabushiki Kaisha Kito. Electric hoist. 4,508,318, 4-2-85, Cl. 254-350.000.

Maeda, Kazuo: *See—*

Yamazaki, Kenji; and Maeda, Kazuo, 4,511,761, Cl. 179-2.0EA.

Maeda, Keikichi; and Iijima, Takahiro, to JGC Corporation. Process for providing an apparatus for treating hydrocarbons or the like at high temperatures substantially without carbon deposition. 4,532,109, 7-30-85, Cl. 422-240.000.

Maeda, Keikichi; Iijima, Takahiro; and Sato, Eiichi, to JGC Corporation; and Taihei Kinzoku Kogyo Co., Ltd. Centrifugally cast double-layer tube with resistance to carbon deposition. 4,536,455, 8-20-85, Cl. 428-629.000.

Maeda, Keisuke, to Minolta Camera Kabushiki Kaisha. Compact automatic focusing lens shutter type camera. 4,549,800, 10-29-85, Cl. 354-400.000.

Maeda, Ken-ichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Pattern features extracting apparatus and method. 4,543,660, 9-24-85, Cl. 382-34.000.

Maeda, Kenichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Pattern recognition apparatus and method. 4,503,557, 3-5-85, Cl. 382-34.000.

Maeda Kiko Company Limited: *See—*

Michiharu, Tsukai, 4,540,319, Cl. 408-100.000.

Maeda, Kiyoshi, to Dainippon Screen Mfg. Co., Ltd. Light beam distributor and an acousto-optic light modulating element. 4,502,757, 3-5-85, Cl. 350-173.000.

Maeda, Kiyoshi, to Dainippon Screen Mfg. Co., Ltd. Image scanning and recording device. 4,506,275, 3-19-85, Cl. 346-108.000.

Maeda, Kiyoshi; and Okamoto, Masashi, to Dainippon Screen Seizo Kabushiki Kaisha. Image recording device. 4,517,608, 5-14-85, Cl. 358-298.000.

Maeda, Kiyoshi; and Kawatani, Masafumi, to Dainippon Screen Seizo Kabushiki Kaisha. Method and apparatus for scanning an object by using the light. 4,525,749, 6-25-85, Cl. 358-290.000.

Maeda, Kiyoto: *See—*

Ohsumi, Tadashi; Inoue, Satoru; and Maeda, Kiyoto, 4,511,581, Cl. 514-617.000.

Maeda, Koichi; and Ito, Haruo, to Hewlett-Packard Company. Stimulus/measuring unit for DC characteristics measuring. 4,544,879, 10-1-85, Cl. 324-57.00R.

Maeda, Kouzo; and Tsujimura, Harutoshi, to Nissan Motor Company, Limited. Vehicular seat arrangement. 4,512,604, 4-23-85, Cl. 296-65.00A.

Maeda, Kunihiro; and Miyoshi, Tadahiko, to Hitachi, Ltd. Silicon carbide electrical insulator material of low dielectric constant. 4,544,642, 10-1-85, Cl. 501-88.000.

Maeda, Kunihiro; Usami, Katsuhisa; Takeda, Yukio; Ogihara, Satoru; and Asai, Osamu, to Hitachi, Ltd. Powdery silicon carbide composition for sintering. 4,561,891, 12-31-85, Cl. 75-238.000.

Maeda, Kunihiro: *See—*

Ogihara, Satoru; Takeda, Yukio; Maeda, Kunihiro; Nakamura, Kousuke; and Ura, Mitsuru, 4,561,010, Cl. 357-74.000.

Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.

Maeda, Kunio: *See—*

Hattori, Yoshihiro; Watanabe, Takashi; and Maeda, Kunio, 4,521,488, Cl. 428-409.000.

Maeda, Mamoru: *See—*

Miyamoto, Hidekazu; Shioya, Yoshimi; Maeda, Mamoru; and Takagi, Mikio, 4,513,026, Cl. 427-85.000.

Maeda, Masahiko; Watanabe, Naotochi; and Fujitani, Kenji, to Showa Denko Kabushiki Kaisha. Vulcanized olefin-based rubber composition. 4,557,859, 12-10-85, Cl. 252-511.000.

Maeda, Masahiro: *See—*

Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, 4,520,230, Cl. 174-107.000.

Maeda, Masanori; Ishihara, Koji; and Ikebata, Tetsuo, to Matsushita Electric Industrial Co., Ltd. Gouging wire electrode. 4,553,019, 11-12-85, Cl. 219-146.220.

Maeda, Masatoshi; Katsurai, Junji; and Ikeda, Hiroaki, to Konishiroku Photo Industry Co., Ltd. Picture image information recording apparatus. 4,511,929, 4-16-85, Cl. 358-296.000.

Maeda, Masaya, to Canon Kabushiki Kaisha. Still-mode magnetic reproducing device. 4,510,534, 4-9-85, Cl. 360-10.300.

Maeda, Masaya; Takimoto, Hiroyuki; and Kozuki, Susumu, to Canon Kabushiki Kaisha. Camera and separable video recorder/reproducer arrangement. 4,531,164, 7-23-85, Cl. 360-33.100.

Maeda, Masaya, to Canon Kabushiki Kaisha. Image signal recording-reproducing device. 4,536,805, 8-20-85, Cl. 360-14.100.

Maeda, Masaya; and Takei, Masahiro, to Canon Kabushiki Kaisha. Reproduction device. 4,556,920, 12-3-85, Cl. 360-77.000.

Maeda, Masaya, to Canon Kabushiki Kaisha. Magnetic recording and/or reproducing apparatus of the cassette type. 4,561,029, 12-24-85, Cl. 360-85.000.

Maeda, Masaya: *See—*

Edakubo, Hiroo; and Maeda, Masaya, 4,499,504, Cl. 358-335.000.

Kozuki, Susumu; Maeda, Masaya; and Takimoto, Hiroyuki, 4,495,527, Cl. 360-33.100.

Kozuki, Susumu; Takimoto, Hiroyuki; and Maeda, Masaya, 4,507,689, Cl. 360-33.100.

Maeda Metal Industries Ltd.: *See—*

Fujita, Masahiro; and Uemura, Yukio, 4,550,633, Cl. 81-56.000.

Maeda, Minoru; Iwasaki, Masayuki; and Shinozaki, Fumiaki, to Fuji Photo Film Co., Ltd. Photopolymerizable composition containing heterocyclic additives. 4,543,318, 9-24-85, Cl. 430-288.000.

Maeda, Minoru; Iwasaki, Masayuki; Inoue, Noriyuki; and Totsuka, Mikio, to Fuji Photo Film Co., Ltd. Silver halide sensor type polymerizable light-sensitive material. 4,547,450, 10-15-85, Cl. 430-202.000.

Maeda, Minoru; Inoue, Noriyuki; and Totsuka, Mikio, to Fuji Photo Film Co., Ltd. Silver halide sensor type polymerizable light-sensitive material. 4,560,637, 12-24-85, Cl. 430-202.000.

Maeda, Minoru: *See—*

Iwasaki, Masayuki; Maeda, Minoru; Shinozaki, Fumiaki; and Kawamura, Kouichi, 4,548,892, Cl. 430-288.000.

Maeda, Mitsuo: *See—*

Nakahori, Ichiro; Nakayama, Shigeki; Maeda, Mitsuo; Yamauchi, Shiro; and Ozawa, Junichiro, 4,517,849, Cl. 73-863.310.

Maeda, Muneyoshi; Endo, Kazuyuki; and Tansei, Hikaru, to Bridgestone Tire Company Limited. Heavy duty pneumatic radial tires. 4,526,217, 7-2-85, Cl. 152-527.000.

Maeda, Naoki: *See—*

Arai, Nobukatsu; and Maeda, Naoki, 4,522,574, Cl. 418-55.000.

Maeda, Naoyuki: *See—*

Abe, Michio; and Maeda, Naoyuki, 4,499,964, Cl. 180-142.000.

Abe, Michio; Maeda, Naoyuki; and Lynas, Robert M., 4,512,367, Cl. 137-554.000.

Abe, Michio; Maeda, Naoyuki; and Tokunaga, Shigemitsu, 4,549,628, Cl. 180-143.000.

Maeda, Narimichi: *See—*

Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.

Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.

Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, 4,534,010, Cl. 364-748.000.

Maeda, Nobuhisa; Sakairi, Tadashi; and Wakahata, Tamotsu, to Matsushita Electric Industrial Co., Ltd. Directly moldable resin compositions for composite plastics. 4,524,160, 6-18-85, Cl. 523-200.000.

Maeda, Osamitsu: *See—*

Shimamura, Hayato; and Maeda, Osamitsu, 4,550,751, Cl. 138-93.000.

Maeda, Osamu: *See—*

Nakagawa, Koichi; Maeda, Osamu; and Yamakawa, Shinzo, 4,497,759, Cl. 264-26.000.

Maeda, Satoru: *See—*

Todokoro, Shigeru; Nakane, Hiroshi; and Maeda, Satoru, 4,520,469, Cl. 369-44.000.

Maeda, Satoshi; and Iwai, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device and method of manufacturing the same. 4,560,421, 12-24-85, Cl. 148-1.500.

Maeda, Senichi. Elastic covered yarn and method and apparatus for producing the same. 4,509,320, 4-9-85, Cl. 57-225.000.

Maeda, Shigeo: *See—*

Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.

Maeda, Shuichi: *See—*

Niwa, Toshio; Himeno, Kiyoshi; and Maeda, Shuichi, 4,494,957, Cl. 8-639.000.

Maeda, Takafumi; and Mine, Setsurou, to Tokyo Electric Power Co., Inc.; and Mitsubishi Denki Kabushiki Kaisha. Static reactive-power compensation apparatus. 4,546,303, 10-8-85, Cl. 323-210.000.

Maeda, Takamichi: *See—*

Hayakawa, Masao; Maeda, Takamichi; and Kumura, Masao, 4,536,786, Cl. 357-68.000.

Maeda, Takao, to Toyota Jidosha Kabushiki Kaisha. Adhesive bonding of scatter coated metal objects. 4,562,104, 12-31-85, Cl. 428-148.000.

Maeda, Takayoshi: *See—*

Tomofuji, Yoshiaki; and Maeda, Takayoshi, 4,533,987, Cl. 363-36.000.

Maeda, Takeo: *See—*

Torii, Michihiro; Kosaka, Tomoyoshi; Maeda, Takeo; and Rikukawa, Hiroshi, 4,540,500, Cl. 252-62.580.

Maeda, Takeshi; Mizoguchi, Yasumitsu; Takasago, Masahiro; Kaneda, Tokuya; and Tsunoda, Yoshito, to Hitachi, Ltd. Driving apparatus for semiconductor laser. 4,523,089, 6-11-85, Cl. 250-205.000.

Maeda, Takeshi; Uno, Motoo; and Takasago, Masahiro, to Hitachi, Ltd. For jumping a light spot on a track of a recording medium. 4,541,083, 9-10-85, Cl. 369-44.000.

Maeda, Takeshi; Takasago, Masahiro; and Tsunoda, Yoshito, to Hitachi, Ltd. System for optically recording information. 4,550,394, 10-29-85, Cl. 369-46.000.

Maeda, Takeshi; Tsunoda, Yoshito; Huno, Takakazu; Takasago, Masahiro; and Mizoguchi, Yasumitsu, to Hitachi, Ltd. Optical information processor. 4,554,652, 11-19-85, Cl. 369-44.000.

Maeda, Takeshi: *See—*

Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, 4,525,826, Cl. 369-46.000.

Takasago, Masahiro; Maeda, Takeshi; Uno, Motoo; and Mizoguchi, Yasumitsu, 4,542,491, Cl. 369-45.000.

Tsunoda, Yoshito; Maeda, Takeshi; Nakamura, Shigeru; and Kaku, Toshimitsu, 4,532,522, Cl. 346-44.000.

Maeda, Takumi: *See—*

Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, 4,523,994, Cl. 210-500.200.

Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, 4,554,362, Cl. 549-352.000.

Maeda, Tatsumi: *See—*

Kubo, Osamu; Ido, Tadashi; Nomura, Tutomu; and Maeda, Tatsumi, 4,493,874, Cl. 428-403.000.

Maeda, Tetsuo: *See—*

Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.

Yamada, Jiro; Maeda, Tetsuo; and Yasuda, Hiroshi, 4,512,010, Cl. 369-220.000.

Maeda, Tetsuro; Okamoto, Akihiro; Shimizu, Yoshimitsu; and Nomoto, Takashi, to Denki Kagaku Kogyo Kabushiki Kaisha. Thermoplastic resin composition. 4,533,698, 8-6-85, Cl. 525-73.000.

Maeda, Tooru; and Yajima, Tsunao, to Mazda Motor Corporation. Exhaust gas recirculation system for diesel engines. 4,495,929, 1-29-85, Cl. 123-569.000.

Maeda, Toyoo: *See—*

Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.

Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, to Hoxan Corporation. Apparatus for fabricating polycrystalline silicon wafer. 4,519,764, 5-28-85, Cl. 425-256.000.

Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, to Hoxan Corporation. Method for fabricating polycrystalline silicon wafer. 4,561,486, 12-31-85, Cl. 164-118.000.

Maeda, Yorishige, to Toyota Jidosha Kabushiki Kaisha. Oil-ring including two rail rings and an expander-spacer ring which bites into the rail ring. 4,548,416, 10-22-85, Cl. 277-140.000.

Maeda, Yoshiki: *See—*

Doi, Yoshihiko; Maeda, Yoshiki; and Kobayashi, Mitsunori, 4,507,189, Cl. 204-192.00N.

Maeda, Yoshiyasu; Ueura, Akira; Sato, Kazuyoshi; and Watanabe, Katsunori, to Murata Kikai Kabushiki Kaisha. Yarn winding apparatus and method. 4,555,069, 11-26-85, Cl. 242-43.00R.

Maeda, Yuji: *See—*

Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,737, Cl. 514-167.000.

Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.

Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.

Maeda, Yukio: *See—*

Inoue, Takao; Maeda, Yukio; and Uchida, Masami, 4,546,464, Cl. 369-280.000.

Maegawa, Tokubee: *See—*

Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, 4,521,101, Cl. 355-10.000.

Maeguchi, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing a MOSFET using accelerated ions to form an amorphous region. 4,498,224, 2-12-85, Cl. 29-571.000.

Maeguchi, Kenji: *See—*

Egawa, Hideharu; Nishi, Yoshio; and Maeguchi, Kenji, 4,491,856, Cl. 357-4.000.

Maehara, Naoyoshi; Hashido, Kenkichi; and Hirata, Hiroshi, to Matsushita Electrical Industrial Co., Ltd. Piezoelectric oscillated nozzle. 4,533,082, 8-6-85, Cl. 239-102.000.

Maehara, Toshifumi, to Akebono Brake Industry Co., Ltd. Device for preventing vehicle wheels from locking. 4,505,520, 3-19-85, Cl. 303-119.000.

Maehara, Toshifumi; and Yoshizawa, Hiroyuki, to Akebono Brake Industry Co., Ltd. Anti-lock system for vehicles. 4,555,145, 11-26-85, Cl. 303-92.000.

Maehara, Toshifumi, to Akebono Brake Industry Co., Ltd. Apparatus for preventing the locking of a wheel. 4,556,260, 12-3-85, Cl. 303-116.000.

Maehara, Yoshimi, to Hitachi, Maxell Ltd. Magnetic recording tape cartridge. 4,544,062, 10-1-85, Cl. 206-509.000.

Maejima, Hideo; Masuda, Ikuro; Matsumoto, Hidekazu; and Miyazawa, Shyoichi, to Hitachi, Ltd. Input/output control device with memory device for storing variable-length data and method of controlling thereof. 4,523,276, 6-11-85, Cl. 364-200.000.

Maejima, Hisashi: *See—*

Nagatomo, Hiroto; Maejima, Hisashi; Suzuki, Jun; and Fujikawa, Keishin, 4,544,318, Cl. 414-222.000.

Maekawa, Hitoshi: *See—*

Osawa, Michitaka; Funada, Etuo; Miyajima, Hiroyuki; Maekawa, Hitoshi; and Ando, Kunio, 4,544,896, Cl. 330-284.000.

Maekawa, Kouji; Kato, Mamoru; Nakagama, Syoji; and Sano, Yumiko, to Mita Industrial Co., Ltd. Electrophotographic method for the formation of two-colored images. 4,524,117, 6-18-85, Cl. 430-44.000.

Maekawa, Kouji; and Miyakawa, Nobuhiro, to Mita Industrial Co., Ltd. One-component type red color magnetic developer. 4,530,893, 7-23-85, Cl. 430-106.000.

Maekawa, Kouzi: *See—*

Miyakawa, Nobuhiro; Fujii, Masanori; and Maekawa, Kouzi, 4,504,562, Cl. 430-106.600.

Maekawa, Masashi; and Hasegawa, Tatsumi, to Ichikoh Industries Limited. Vehicle headlamp. 4,506,315, 3-19-85, Cl. 362-308.000.

Maekawa, Motoi, to Tokyo Electric Co., Ltd. Electronic typewriter including right margin adjusting means. 4,556,332, 12-3-85, Cl. 400-3.000.

Maekawa, Takashi: *See—*

Osaka, Haruya; Maekawa, Takashi; and Nakajima, Yoshihiro, 4,538,897, Cl. 355-3.0DD.

Maekawa, Toshikazu: *See—*

Soneda, Mitsuo; and Maekawa, Toshikazu, 4,533,954, Cl. 358-212.000.

Soneda, Mitsuo; Maekawa, Toshikazu; and Otsu, Kouji, 4,538,288, Cl. 377-76.000.

Maekawa, Yoshikazu, to Konishiroku Photo Industry Co., Ltd. Document size-detecting device of copying machine. 4,541,713, 9-17-85, Cl. 355-75.000.

Maekawa, Yukio; Metabi, Tsuneyo; and Niwa, Masatake. Mount arrangement and interchangeable lens unit for photographic camera. 4,536,071, 8-20-85, Cl. 354-400.000.

Maekawa, Yukio: *See—*

Fujita, Shinsaku; Maekawa, Yukio; and Ono, Shigetoshi, 4,493,885, Cl. 430-223.000.

Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,510,233, Cl. 430-527.000.

Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,518,354, Cl. 430-527.000.

Yokoyama, Shigeki; Okamura, Hisashi; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,558,001, Cl. 430-527.000.

Maekawara, Hideaki: *See—*

Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.

Maemori, Takashi; and Kamata, Kazuo, to Fuji Photo Film Co., Ltd. Incorrect lens setting detection device for wide-angle/telephotography convertible camera. 4,544,249, 10-1-85, Cl. 354-195.120.

Maemoto, Kenichi; and Jinno, Katsushi, to Nissen Chemical Industries Co., Ltd. Production of stamped plastic sheet. 4,499,040, 2-12-85, Cl. 264-167.000.

Maendel, Jonathan P., to Baker Colony Farms Ltd. Heat exchanger core construction and airflow control. 4,512,393, 4-23-85, Cl. 165-54.000.

Maenishi, Kozo; Adachi, Masaaki; and Bando, Yoshihide, to Omron Tateisi Electronics Co. Electric contact switching device. 4,496,806, 1-29-85, Cl. 200-16.00R.

Maeno, Fumio: *See—*

Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, 4,536,993, Cl. 51-165.800.

Maeno, Kunio: *See—*

Shigeki, Kiyoshi; and Maeno, Kunio, 4,513,044, Cl. 428-122.000.

Maeno, Tsuyoshi: *See—*

Tsuda, Tadashi; Hiramatsu, Seiichiro; Ohtsuka, Mitsugi; and Maeno, Tsuyoshi, 4,551,722, Cl. 340-904.000.

Maeno, Yoshio: *See—*

Kobayashi, Kazuo; Furuta, Mamoru; and Maeno, Yoshio, 4,503,356, Cl. 313-634.000.

Maenpaa , Immo: *See—*

Ollus, Martin; Uotila, Esko; Wahlstrom, Bjorn; Saukkonen, Esko; Malinen, Pekka; and Maenpaa , Immo, 4,514,816, Cl. 364-478.000.

Maeo, Hidemi: *See—*

Sato, Yoshito; Yato, Tokuhiro; Maeo, Hidemi; and Tsutsumi, Yoshio, 4,516,469, Cl. 91-362.000.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, to Kasei Optonix, Ltd. Radiographic image conversion screens. 4,507,563, 3-26-85, Cl. 250-486.100.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, to Kasei Optonix, Ltd. Radiographic image conversion screens. 4,529,647, 7-16-85, Cl. 428-323.000.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, to Kasei Optonix, Ltd. Radiographic image conversion screens. 4,536,436, 8-20-85, Cl. 428-212.000.

Maeoka, Kazuyuki, to Kubota, Ltd. Combine harvester. 4,548,027, 10-22-85, Cl. 56-10.200.

Maerfeld, Charles; Josserand, Michel; and Gragnolati, Claude, to Thomson-CSF. Velocity hydrophone. 4,547,870, 10-15-85, Cl. 367-155.000.

Maerkl, Michael; and Matzner, Joseph, to Siemens Aktiengesellschaft. Disc storage addressing circuit. 4,531,163, 7-23-85, Cl. 360-49.000.

Maerz Ofenbau AG: *See—*

Fussl, Erwin; and Ranner, Max, 4,534,731, Cl. 432-14.000.

Maes, George L., to Nissan Industrial Equipment Co. Fork lift trucks. 4,493,397, 1-15-85, Cl. 187-9.00E.

Maes, Michel E.: *See—*

Woodcock, Sidney H.; Maes, Michel E.; and Steimel, Ronald W., 4,522,107, Cl. 89-196.000.

Maes, Pascal, to Clecim. System for measuring the arc voltage in an electric furnace. 4,559,630, 12-17-85, Cl. 373-93.000.

Maes, Pieter J.; and Dijkstra, Albert J. Process for separating solids from oils. 4,542,036, 9-17-85, Cl. 426-601.000.

Maeshima, Kaoru: *See—*
- Takahashi, Takeo; Shimago, Kozo; and Maeshima, Kaoru, 4,537,973, Cl. 548-303.000.

Maeshima, Katsuyoshi, to Canon Kabushiki Kaisha. Copying apparatus. 4,562,485, 12-31-85, Cl. 358-280.000.

Maeshima, Katsuyoshi: *See—*
- Tomosada, Masahiro; Maeshima, Katsuyoshi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, 4,552,450, Cl. 355-14.00R.

Maeshima, Tsugio: *See—*
- Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, 4,513,166, Cl. 585-832.000.

Maestrelli, Gino, to Maestrelli S.p.A. Clothing drycleaning machine. 4,499,743, 2-19-85, Cl. 68-18.00C.

Maestrelli S.p.A.: *See—*
- Maestrelli, Gino, 4,499,743, Cl. 68-18.00C.

Maestroni, Georges: *See—*
- Pierpaoli, Walter; and Maestroni, Georges, 4,540,574, Cl. 424-95.000.

Maetani, Teruo; Miyoshi, Ryoichi; Nahara, Yukinori; Kawazoe, Yasuyuki; and Hamada, Taizo, to Daikin Kogyo Co., Ltd. Dental casting. 4,504,228, 3-12-85, Cl. 433-199.000.

Maeyama, Sadao; Dochi, Kiyotaka; and Honda, Shigemichi, to Sony Corporation. Apparatus for thermal printing. 4,496,955, 1-29-85, Cl. 346-76.0PH.

Maffey, Constant O. Trailer kingpin locking device with protected locking bar aperture. 4,553,415, 11-19-85, Cl. 70-232.000.

Maffia, Gennaro J., to Atlantic Richfield Company. Natural gas conversion. 4,533,780, 8-6-85, Cl. 585-330.000.

Maffione, Grazia: *See—*
- Moro, Luigi; Maffione, Grazia; Neri, Guido; and Rigamonti, Alessandro, 4,499,066, Cl. 424-19.000.

Maffrand, Jean-Pierre; and Frehel, Daniel, to PACOR. Antiinflammatory thieno [2,3-c]pyridine derivatives. 4,496,568, 1-29-85, Cl. 514-301.000.

Maffrand, Jean-Pierre: *See—*
- Aubert, Daniel; Ferrand, Claude; and Maffrand, Jean-Pierre, 4,529,596, Cl. 514-231.000.
- Boigegrain, Robert; Maffrand, Jean-Pierre; Suzuki, Norio; Matsubayachi, Kynichi; and Ashida, Shinichiro, 4,515,951, Cl. 546-114.000.
- Frehel, Daniel; Maffrand, Jean-Pierre; and Vallee, Eric, 4,500,534, Cl. 514-301.000.
- Frehel, Daniel; and Maffrand, Jean-Pierre, 4,523,013, Cl. 544-385.000.

Mag Instrument, Inc.: *See—*
- Maglica, Anthony, 4,527,223, Cl. 362-187.000.

Magadini, Charles R. Vertically adjustable hangers for pictures, and the like. 4,549,713, 10-29-85, Cl. 248-495.000.

Magaha, Harold S.: *See—*
- Karol, Thomas J.; and Magaha, Harold S., 4,554,086, Cl. 252-49.600.

Magan, Arthur S. C. Handtool. 4,512,051, 4-23-85, Cl. 7-128.000.

Magar, Surendar; and Gass, Wanda K., to Texas Instruments Incorporated. Microcomputer with accumulator saturation upon overflow. 4,519,031, 5-21-85, Cl. 364-200.000.

Magar, Surendar S., to Texas Instruments Incorporated. Microcomputer with bus interchange module. 4,503,500, 3-5-85, Cl. 364-200.000.

Magar, Surendar S., to Texas Instruments Incorporated. Microcomputer with ROM test mode of operation. 4,507,727, 3-26-85, Cl. 364-200.000.

Magar, Surendar S.; and Caudel, Edward R., to Texas Instruments Incorporated. Microcomputer having shifter in ALU input. 4,533,992, 8-6-85, Cl. 364-200.000.

Magar, Surendar S., to Texas Instruments Incorporated. High-speed multiplier for microcomputer used in digital signal processing system. 4,538,239, 8-27-85, Cl. 364-759.000.

Magar, Surendar S.: *See—*
- Caudel, Edward R.; Magar, Surendar S.; and Leigh, Antony W., 4,491,910, Cl. 364-200.000.
- Caudel, Edward R.; Swoboda, Gary L.; Magar, Surendar S.; McDonough, Kevin C.; and Leigh, Antony W., 4,514,801, Cl. 364-200.000.
- McDonough, Kevin C.; Swoboda, Gary L.; and Magar, Surendar S., 4,514,805, Cl. 364-200.000.
- McDonough, Kevin C.; and Magar, Surendar S., 4,528,625, Cl. 364-200.000.

Magarian, Gerald M.; and Friedrich, Ralph S., to Ameron, Inc. Apparatus for winding fiber reinforced pipe fittings. 4,511,423, 4-16-85, Cl. 156-425.000.

Magat, Henri; and Mouterde, Pierre, to Societe Staubli-Verdol. Systems with orientable hooks. 4,529,011, 7-16-85, Cl. 139-65.000.

Magata, Yasuhiro: *See—*
- Arano, Yasushi; Magata, Yasuhiro; and Yokoyama, Akira, 4,559,221, Cl. 424-1.100.

Magata, Yoshihiro: *See—*
- Shimizu, Katsuhisa; and Magata, Yoshihiro, 4,542,490, Cl. 369-6.000.

Magathan, Paul J.: *See—*
- Liefer, Allen C.; Loewen, Gilbert L.; and Magathan, Paul J., 4,557,086, Cl. 52-194.000.

Magauran, Edward D.: *See—*
- Cody, Charles A.; Reichert, William W.; Kemnetz, Steven J.; and Magauran, Edward D., 4,505,886, Cl. 423-616.000.

Magda, Doina: *See—*
- Tremmel, Robert A.; and Magda, Doina, 4,549,942, Cl. 204-40.000.

Magdanyi, Laszlo: *See—*
- Kecskemethy, Geza; Kovacsay, Istvan; and Magdanyi, Laszlo, 4,522,963, Cl. 523-510.000.

Magdefessel, Heinz, to Siemens Aktiengesellschaft. Getter sorption pump with heat accumulator for high-vacuum and gas discharge systems. 4,534,708, 8-13-85, Cl. 417-51.000.

Magdics, Alex: *See—*
- Worthington, Ralph E.; and Magdics, Alex, 4,554,139, Cl. 423-166.000.
- Worthington, Ralph E.; Magdics, Alex; and Stain, Donald B., 4,554,151, Cl. 423-551.000.

Magdo, Ingrid E., to International Business Machines Corporation. Method for manufacturing vertical PNP transistor with shallow emitter. 4,534,806, 8-13-85, Cl. 148-1.500.

Magdo, Ingrid E.: *See—*
- Abbas, Shakir A.; and Magdo, Ingrid E., 4,513,303, Cl. 357-23.300.

Magee, Dan A.: *See—*
- Daneshy, Abbas A.; Chisholm, Pat T.; Magee, Dan A.; and Slusher, Gary L., 4,529,036, Cl. 166-254.000.

Magee, John H., Jr.: *See—*
- DeBold, Terry A.; Magee, John H., Jr.; and Schmidt, Norman B., 4,554,028, Cl. 148-38.000.

Magee, Mark R.; and James, Richard D., to GTE Communications Products Corporation. Apparatus for and method of making an electret tape. 4,495,541, 1-22-85, Cl. 361-225.000.

Magee, Philip S., to Chevron Research Company. Particulate fungicides. 4,511,735, 4-16-85, Cl. 514-601.000.

Magee, Robert A.: *See—*
- Burgess, Allan C.; Magee, Robert A.; and Melvin, George E., 4,539,058, Cl. 156-250.000.

Magee, Robert L., Jr., to Arlington Automatics, Inc. Hydraulic setting tool. 4,493,374, 1-15-85, Cl. 166-382.000.

Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., to SDS Biotech Corporation. Insecticidal and nematocidal heterobicyclic hydroximinates, thiohydroximidates, and carbamate esters, composition, and method of use thereof. 4,548,929, 10-22-85, Cl. 514-85.000.

Magee, Walter L., Jr.: *See—*
- Brokke, Mervin E.; and Magee, Walter L., Jr., 4,524,214, Cl. 560-51.000.

Magelky, Bruce F. Row cultivator with structure to inhibit bowing of its frame end to end. 4,520,877, 6-4-85, Cl. 172-643.000.

Magendans, Frederik; te Raa, Gerhardus A.; and van Rheenen, Bernhard J. P., to U.S. Philips Corporation. Method of manufacturing a rotary anode for X-ray tubes and anode thus produced. 4,534,993, 8-13-85, Cl. 427-34.000.

Magennis, Joseph L.: *See—*
- Jarocinski, Richard; Keaton, William R.; and Magennis, Joseph L., 4,539,070, Cl. 156-659.100.

Mager, George E.: *See—*
- Donohue, James M.; Markle, Robert E.; Mager, George E.; and Wilczek, Stephen P., 4,523,299, Cl. 364-900.000.

Mager, Herbert: *See—*
- Konrad, Eugen; Braun, Hans J.; Mager, Herbert; Noser, Friedrich; and Bracher, Max, 4,543,425, Cl. 564-442.000.

Mager, Theo: *See—*
- Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, 4,495,232, Cl. 428-41.000.

Mager, Theodor: *See—*
- Elser, Wilhelm; Huebner, Klaus; Siol, Werner; Mager, Theodor; and Wicke, Michael, 4,542,171, Cl. 523-201.000.

Magerl, Johann: *See—*
- Fladerer, Heinrich; and Magerl, Johann, 4,542,503, Cl. 370-100.000.

Magerle, Karl, to KMK Karl Magerle Lizenz AG. Apparatus for producing molded plastic articles such as packaging tubes. 4,514,159, 4-30-85, Cl. 425-125.000.

Maget, Henri J. R. Electrochemical prime mover. 4,522,698, 6-11-85, Cl. 204-301.000.

Magg, Alfred; and Griesser, Walter, to Zahnradfabrik Friedrichshafen AG. Clutch assembly for gear transmission. 4,540,074, 9-10-85, Cl. 192-53.00G.

Magg, Hans: *See—*
- Schubart, Rudiger; and Magg, Hans, 4,534,901, Cl. 556-7.000.

Maggi, Carlo A.: *See—*
- Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, 4,503,075, Cl. 514-622.000.

Maggi, Joseph A.; and Wilensky, Barry F., to Allied Corporation. Apparatus for testing circuits within a system. 4,554,636, 11-19-85, Cl. 364-481.000.

Maggi, Joseph A.: *See—*
- Wilensky, Barry F.; and Maggi, Joseph A., 4,513,318, Cl. 358-139.000.

Maggio, Leonard C.: *See—*
- Maggio, Richard A.; Maggio, Leonard C.; and Hill, Norman L., 4,520,527, Cl. 15-235.800.

Maggio, Richard A.; Maggio, Leonard C.; and Hill, Norman L. Concrete finishing tool. 4,520,527, 6-4-85, Cl. 15-235.800.

- Maggioni, Paolo; Minisci, Francesco; and Correale, Mariano, to Brichima S.p.A. Process for preparing 2,3-dihydro-2,2-dimethylbenzofuran-7-ol. 4,542,229, 9-17-85, Cl. 549-462.000.
- Maggiore, Lynne D. Hair cutting guide apparatus and method. 4,520,565, 6-4-85, Cl. 30-201.000.
- Maggis, Aldo: *See—*
  - Baldi, Livio; and **Maggis**, Aldo, 4,517,226, Cl. 427-90.000.
- Maggiulli, Cataldo A.: *See—*
  - Sandefur, Louise O.; Slusarek, Wojciech; Wilson, Burton D.; and **Maggiulli**, Cataldo A., 4,515,947, Cl. 544-295.000.
- Maggs, Frederick A. P., to Charcoal Cloth Ltd. Activated carbon products and their manufacture. 4,529,623, 7-16-85, Cl. 427-227.000.
- Maghemite Inc.: *See—*
  - Cavanagh, Patrick E., 4,542,361, Cl. 335-230.000.
- Magic Chef, Inc.: *See—*
  - Mandel, Sheldon W., 4,519,145, Cl. 34-27.000.
- Magid, David J., to Enviro-Spray Systems Incorporated. Dispensing system and a refill pouch. 4,513,884, 4-30-85, Cl. 222-94.000.
- Magid, David J.; and Ruckle, W. Thomas. Toilet bowl cleaner. 4,522,738, 6-11-85, Cl. 252-90.000.
- Magid, David J., to Enviro-Spray System Incorporated. Dispensing system and a refill pouch. 4,553,685, 11-19-85, Cl. 222-1.000.
- Magid, David J.: *See—*
  - Banks, Russell; and **Magid**, David J., 4,510,734, Cl. 53-449.000.
- Magill, Robert J.; Gaiger, David J.; and Simkins, Neil, to Actionair Equipement Limited. Spring-powered actuator. 4,531,534, 7-30-85, Cl. 137-75.000.
- Magis Farmaceutici s.r.l.: *See—*
  - Moroni, Adolfo, 4,528,393, Cl. 514-539.000.
  - Puricelli, Laura, 4,559,360, Cl. 514-548.000.
- Magla Products: *See—*
  - Mattesky, Henry, 4,557,062, Cl. 38-140.000.
- Maglica, Anthony, to Mag Instrument, Inc. Flashlight. 4,527,223, 7-2-85, Cl. 362-187.000.
- Maglio, Murrill: *See—*
  - Moore, Stephen D.; and **Maglio**, Murrill, 4,548,228, Cl. 137-268.000.
- Maglio, Ralph A.; and Fieldhouse, John W., to Firestone Tire & Rubber Company, The. Surface treatment for tack reduction of elastomer surfaces. 4,521,479, 6-4-85, Cl. 428-326.000.
- Magliozzi, Bernard: *See—*
  - Metzger, Frederick B.; and **Magliozzi**, Bernard, 4,534,526, Cl. 244-38.000.
- Magma Power Company: *See—*
  - McCabe, Barkman C.; and Zajac, Edward, 4,492,083, Cl. 60-641.500.
- Magna American Corporation: *See—*
  - Reaume, Leonard V., 4,519,459, Cl. 172-42.000.
- Magna-Graphics Corporation: *See—*
  - Belongia, Larry P., 4,553,461, Cl. 83-344.000.
  - Wittkopf, Eugene W.; Jorgensen, Allen R.; and Duane, Robert A., 4,519,757, Cl. 425-143.000.
- Magna International, Inc.: *See—*
  - McKinnon, Greg E. J.; and Hoke, Arthur J., 4,555,870, Cl. 49-462.000.
- Magnabosco, Lino: *See—*
  - Tangorra, Giorgio; Robecchi, Edoardo; and **Magnabosco**, Lino, 4,547,175, Cl. 464-56.000.
- Magnaflux Corporation: *See—*
  - Loose, Timothy C., 4,528,455, Cl. 250-563.000.
  - Lorenzi, Donald E.; and Wagerer, Helmut F., 4,502,253, Cl. 51-165.00R.
- Magnasco, Enrico; and Viale, Giorgio, to Colgate-Palmolive Company. Apparatus for the selection, metering and delivery of liquids, in particular treatment liquids for industrial laundry washers. 4,524,801, 6-25-85, Cl. 137-567.000.
- Magnavox Consumer Electronics Company: *See—*
  - Caspari, Fred W., 4,517,683, Cl. 375-117.000.
- Magnavox Government and Industrial Electronics Company: *See—*
  - Braun, Gerald W., 4,494,024, Cl. 310-75.00A.
  - Congdon, John C., 4,546,459, Cl. 367-155.000.
  - Diepeveen, Neal, 4,516,159, Cl. 358-293.000.
  - Diepeveen, Neal, 4,518,218, Cl. 350-6.800.
  - Hariharan, Peruvamba R., 4,543,546, Cl. 333-173.000.
  - Kiess, Ronald J.; and Nichols, Gary R., 4,508,092, Cl. 123-617.000.
- Magnegic Peripherals: *See—*
  - Ericson, Charles P.; and Shadzi, Bahram, 4,551,355, Cl. 427-48.000.
- MagneTek, Inc.: *See—*
  - Moore, Benson R.; and Gnacinski, Leonard T., 4,511,347, Cl. 474-43.000.
- Magnetfabrik Bonn GmbH, vorm. Gewerkschaft Windhorst: *See—*
  - Muller, Werner, 4,513,216, Cl. 310-156.000.
- Magnetic Analysis Corporation: *See—*
  - Vitulli, Joseph L., Jr., 4,535,288, Cl. 324-161.000.
- Magnetic Controls Company: *See—*
  - Bradley, James D.; and Amundson, Gregg B., 4,519,016, Cl. 361-415.000.
  - Cruise, Thomas W.; and Milbrandt, Thomas N., 4,538,868, Cl. 339-34.000.
  - Dinsmore, Jeffrey P., 4,548,447, Cl. 339-14.00R.
  - Skovran, Daniel G.; Shockley, Brett A.; and Chouanard, Harvey J., 4,519,014, Cl. 361-397.000.
- Magnetic Engineering Pty. Ltd.: *See—*
  - Fenton, Geoffrey J., 4,513,475, Cl. 16-360.000.
- Magnetic Information Technology, Inc.: *See—*
  - Gyi, Ko K.; and Grewal, Gurbachan S., 4,509,251, Cl. 29-603.000.
  - Gyi, Ko Ko; and Grewal, Gurbachan S., 4,520,555, Cl. 29-603.000.
- Magnetic Peripherals Inc.: *See—*
  - Albert, Glenn D., 4,544,890, Cl. 324-163.000.
  - Edwards, Michael W., 4,493,000, Cl. 361-92.000.
  - Elsing, John W.; Gorham, Gene F.; and Knopp, Steven D., 4,521,819, Cl. 360-97.000.
  - Haskal, Haim M.; and Briones, Robert A., 4,514,047, Cl. 350-394.000.
  - Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., 4,517,041, Cl. 156-155.000.
  - Hennenfent, Douglas J.; Holmstrand, Allan L.; and Kracke, Alan G., 4,536,992, Cl. 51-109.00R.
  - Johnson, Robert A., 4,536,270, Cl. 204-192.00R.
  - Konshak, Michael V., 4,523,254, Cl. 361-391.000.
  - Kracke, Alan G.; Hennenfent, Douglas J.; and Holmstrand, Allan L., 4,559,743, Cl. 51-165.00R.
  - Minuhin, Vadim B., 4,517,610, Cl. 360-24.000.
  - Mowry, Gregory S; and George, Peter K., 4,535,375, Cl. 360-113.000.
  - Newberry, Alfred L.; and Lassak, Francis A., 4,495,129, Cl. 264-235.000.
  - Nordberg, Robert B., 4,560,924, Cl. 324-61.00R.
  - van der Schans, Albert, 4,560,940, Cl. 328-150.000.
  - Vinding, Jorgen P., 4,536,740, Cl. 340-347.0DD.
  - West, David E., 4,516,162, Cl. 360-25.000.
- Magnetic Separation Systems, Inc.: *See—*
  - Kenny, Garry R.; Sommer, Edward J., Jr.; and Roos, Charles E., 4,533,053, Cl. 209-636.000.
  - Kenny, Garry R.; Sommer, Edward J., Jr.; and Shepard, Mark E., 4,541,530, Cl. 209-571.000.
  - Sommer, Edward J., Jr.; Kenny, Garry R.; and Roos, Charles E., 4,533,054, Cl. 209-687.000.
- Magnetic Technologies Corp.: *See—*
  - Fagen, Ben W., Jr.; and Cappon, Douglas W., 4,524,088, Cl. 427-10.000.
- Magnetics International, Inc.: *See—*
  - Zwiebel, Rudy P., 4,561,538, Cl. 198-816.000.
- Magnetrol International, Incorporated: *See—*
  - DeMeyer, Roy W.; and Kozi, Martin F., 4,537,061, Cl. 73-290.00R.
  - Kuhlman, George A., 4,515,015, Cl. 73-304.00C.
- Magni, Ambrogio: *See—*
  - Koch, Melvin V.; and **Magni**, Ambrogio, 4,501,919, Cl. 562-437.000.
- Magni, Riccardo. High lift truck with telescoping boom assemblies. 4,553,899, 11-19-85, Cl. 414-629.000.
- Magnien, Ernest: *See—*
  - Jones, Howard; **Magnien**, Ernest; Musser, John H.; and Shaikh, Mujahid L., 4,552,876, Cl. 514-234.000.
  - Loev, Bernard; and **Magnien**, Ernest, 4,523,014, Cl. 544-386.000.
- Magnin, Joel: *See—*
  - Jouve, Hubert; and **Magnin**, Joel, 4,525,807, Cl. 365-36.000.
  - Jouve, Hubert; and **Magnin**, Joel, 4,535,422, Cl. 365-36.000.
- Magnotta, Frank A., to Dennison Manufacturing Company. Heat transfer laminate. 4,536,434, 8-20-85, Cl. 428-200.000.
- Magnotta, Frank A., to Dennison Manufacturing Company. Heat transferable laminate. 4,557,964, 12-10-85, Cl. 428-187.000.
- Magnum Jet, Inc.: *See—*
  - Ibsen, Barrie G., 4,502,550, Cl. 175-4.600.
- Magnum Shielding Corp.: *See—*
  - Hurwitz, Scott L., 4,494,520, Cl. 123-633.000.
- Magnus, George, to Stepan Chemical Company. Polyester polyol blend from phthalic anhydride bottoms. 4,521,611, 6-4-85, Cl. 560-91.000.
- Magnus, George; Smith, Norman; and Keyes, Bonnie, to Stepan Chemical Company. Polyol blends of phthalate/trimellitate esters for polyurethane-polyisocyanurate foams. 4,526,908, 7-2-85, Cl. 521-172.000.
- Magnus Wilhelm AB: *See—*
  - Johansson, Sune H.; and Gustavsson, John K. C., 4,501,198, Cl. 100-98.00R.
- Magnuson Corporation: *See—*
  - Chiu, Tony T.; Coatney, Charles W.; and Hirahara, Katsuji, 4,509,414, Cl. 99-585.000.
  - Henneuse, Donald P., 4,538,491, Cl. 83-402.000.
- Magnuson, Karl. Building structure. 4,510,724, 4-16-85, Cl. 52-233.000.
- Magnuson, Linda M.: *See—*
  - Roxburg, Dwight W.; and **Magnuson**, Linda M., 4,527,559, Cl. 128-207.170.
- Magnuson, Roland A., to United States of America, Army. Ammunition feed trunnion support. 4,494,441, 1-22-85, Cl. 89-38.000.
- Magnuson, Timothy J., to Cincinnati Milacron Inc. Manipulator with controlled path motion. 4,506,335, 3-19-85, Cl. 364-513.000.
- Magnussen, Robert O., Jr. Fresh fruit package. 4,556,147, 12-3-85, Cl. 206-493.000.
- Magnusson, Hans G.: *See—*
  - Dahmen, Jan E.; **Magnusson**, Hans G.; and Martensson, Kaj B., 4,521,592, Cl. 536-4.100.
- Magnusson, Karl G.; and Stahl, Hans V., to Saab-Scania Aktiebolag. Method of automatic gear selection in a vehicle power transmission. 4,517,646, 5-14-85, Cl. 364-424.100.
- Magnusson, Per-Erik, to Lagerstedt & Krantz AB. Combined fan and valve. 4,524,469, 6-25-85, Cl. 4-216.000.
- Magnusson, Stig E.: *See—*
  - Simmons, Nathaniel; Puccini, Sergio E.; **Magnusson**, Stig E.; and Parikh, Kamal I., 4,520,478, Cl. 370-63.000.
  - Simmons, Nathaniel; Puccini, Sergio E.; **Magnusson**, Stig E.; and Parikh, Kamal I., 4,524,441, Cl. 370-63.000.

Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,442, Cl. 370-63.000.

Mago, Brij M.: *See—*

Cordova, Colleen W.; Mago, Brij M.; Turner, Garland L.; and Braswell, William D., 4,548,866, Cl. 428-398.000.

Magoon, Inder K., to General Electric Company. In-line annular piston fixed bolt regenerative liquid propellant gun. 4,523,507, 6-18-85, Cl. 89-7.000.

Magoon, Inder K.: *See—*

Mayer, Robert E.; Magoon, Inder K.; and West, Herbert J., 4,523,508, Cl. 89-7.000.

Magoon, Richard E. Segmented, floating fireproof oil-spill containment boom. 4,507,017, 3-26-85, Cl. 405-66.000.

Magrath, Joseph M. Aspirator and resuscitator for newborn animals. 4,539,985, 9-10-85, Cl. 128-205.130.

Magrisso, Israel B.: *See—*

Freeman, Joseph W.; Kraft, Wayne R.; Kurtz, Hobart L.; and Magrisso, Israel B., 4,558,447, Cl. 371-71.000.

Magrone, Robert: *See—*

Lectard, Alain; and Magrone, Robert, 4,534,957, Cl. 423-625.000.

Maguire, Addison C., to Rolls-Royce Limited. Bypass gas turbine aeroengines and exhaust mixers therefor. 4,548,034, 10-22-85, Cl. 60-262.000.

Maguire, Daniel J. Tamperproof closure. 4,509,654, 4-9-85, Cl. 215-253.000.

Maguire, Edward A.: *See—*

Gentilman, Richard L.; Maguire, Edward A.; and Dolhert, Leonard E., 4,520,116, Cl. 501-98.000.

Maguire, Edward D. Portable building structure. 4,514,938, 5-7-85, Cl. 52-79.400.

Maguire, Helen E., to Advanced Input Devices, Inc. Combination keyboard. 4,523,060, 6-11-85, Cl. 200-5.00A.

Maguire, Milton J. Air pollution reduction. 4,557,912, 12-10-85, Cl. 423-242.000.

Magune Co., Ltd.: *See—*

Karasawa, Tadayoshi; Kawano, Katsumi; Uchiyama, Katsuji; and Yamazaki, Michio, 4,543,197, Cl. 252-62.560.

Magyar Aluminiumipari Troszt: *See—*

Gillemot, Laszlo ; Prodan, Janos; Pataki, Endre; and Zuckermann, Erno , 4,515,497, Cl. 403-391.000.

Magyar, Arpad M.; and Smith, Gerald G., to Pennzoil Company. Tire sealer and inflator. 4,501,825, 2-26-85, Cl. 521-78.000.

Magyar, Ferenc: *See—*

Pojbics, Jeno; and Magyar, Ferenc, 4,539,087, Cl. 204-146.000.

Magyar, Karoly: *See—*

Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.

Magyar Szenbanyaszati Troszt: *See—*

Asszonyi, Csaba; Klausz, Istvan; Kmety, Istvan; Meitzen, Nandor; and Pasztor, Rezso, 4,505,622, Cl. 405-288.000.

Magyar Szenhidrogenipari Kutato-Fejleszto Intezet: *See—*

Szekely, Eva; and Szekely, Roza, 4,560,485, Cl. 252-7.000.

Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.

Magyar Tudomanyos Akademia: *See—*

Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.

Magyar Tudomanyos Akademia Kozponti Hivatala: *See—*

Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

Magyar Tudomanyos Akademia Termeszettudomanyi Kutato Laboratorium: *See—*

Szekely, Tamas; Csanda, Ferenc; Nagy, Gabor; and Czerny, Gyozo, 4,492,494, Cl. 405-264.000.

Magyar Vagon-es Gepgyar: *See—*

Kovari, Pal; Galambos, Tibor; Bogisich, Ferenc; and Teringer, Imre, 4,553,885, Cl. 409-201.000.

Mahabadi, Hadi-Khan; and Alexandru, Lupu, to Xerox Corporation. Toner compositions containing thermotropic liquid crystalline polymers. 4,543,313, 9-24-85, Cl. 430-109.000.

Mahabadi, John K.; and Ehrlich, Victor D., to Motorola, Inc. Resettable one shot circuit having noise rejection. 4,507,570, 3-26-85, Cl. 307-273.000.

Mahaffey, Donald H. Lightweight composite building module. 4,503,648, 3-12-85, Cl. 52-227.000.

Mahaffey, John M. Portable electric generator for a vehicle. 4,556,247, 12-3-85, Cl. 296-24.00R.

Mahajan, Gautam K.: *See—*

Pocock, John F. E.; Mahajan, Gautam K.; Krishnakumar, Suppayan M.; and Friendship, Kenneth F. M., 4,525,401, Cl. 428-64.000.

Mahal, Harbhajan S.: *See—*

Hall, Richard W.; Sonnenberg, Sven; and Mahal, Harbhajan S., 4,555,220, Cl. 417-342.000.

Mahan, Douglas P. Horizontal axis tumbler type microwave drying mechanism. 4,510,361, 4-9-85, Cl. 219-10.55A.

Mahan, Douglas P. Microwave treating mechanism. 4,523,387, 6-18-85, Cl. 34-1.000.

Mahannah, Daniel H.: *See—*

Moore, George R.; and Mahannah, Daniel H., 4,520,663, Cl. 73-129.000.

Mahar, Ralph W., to Eastman Kodak Company. Base coat compositions for wet-on-wet applications, and articles coated therewith. 4,532,177, 7-30-85, Cl. 428-328.000.

Maharaj, Kenrick B.: *See—*

Palfery, Kenneth J.; Malcolm, John S.; and Maharaj, Kenrick B., 4,555,844, Cl. 29-568.000.

Mahawili, Imad, to Genus, Inc. Cooled optical window for semiconductor wafer heating. 4,550,684, 11-5-85, Cl. 118-724.000.

Mahdjuri Sabet, Faramarz. Solar radiation collector. 4,523,578, 6-18-85, Cl. 126-443.000.

Maher, David P.; and Rance, Robert J., to AT&T Bell Laboratories. Hybrid natural random number generator. 4,545,024, 10-1-85, Cl. 364-717.000.

Maher, Elizabeth A.: *See—*

Burrington, James D.; Pesa, Fred A.; Maher, Elizabeth A.; and Grasselli, Robert K., 4,519,954, Cl. 260-465.80D.

Burrington, James D.; Grasselli, Robert K.; Pesa, Fred; and Maher, Elizabeth A., 4,560,730, Cl. 525-340.000.

Tsou, Dean T.; Burrington, James D.; Maher, Elizabeth A.; and Grasselli, Robert K., 4,526,884, Cl. 502-154.000.

Maher, Galeb H., to Sprague Electric Company. Ag/Pd electroding powder and method for making. 4,500,368, 2-19-85, Cl. 148-431.000.

Maher, Galeb H., to Sprague Electric Company. Low-firing high Q monolithic ceramic capacitor. 4,533,974, 8-6-85, Cl. 361-320.000.

Maher, John W.; and Townsend, Greg M., to Motorola, Inc. Automatic level control system. 4,514,703, 4-30-85, Cl. 330-279.000.

Maher, Robert A., to United States of America, Army. Low power radio synthesizer with harmonic identification feature. 4,513,448, 4-23-85, Cl. 455-265.000.

Maher, Robert J.; and Tooson, Ronald, to Douthitt Corporation. Vacuum printer. 4,551,016, 11-5-85, Cl. 355-91.000.

Maher, Tommy B.: *See—*

Mattingly, William R., Jr.; Johnson, Lyle; and Maher, Tommy B., 4,500,153, Cl. 339-89.00M.

Maheras, George; and Hayworth, Hubert O., to NCR Corporation. Precision IC alignment keys and method. 4,523,851, 6-18-85, Cl. 356-399.000.

Maheshwari, Mahendra, to Brunswick Corporation. Filament composite structures providing lightning strike and electromagnetic protection. 4,494,165, 1-15-85, Cl. 361-117.000.

Mahle GmbH: *See—*

Ripberger, Emil; and Stuska, Gotthard, 4,534,274, Cl. 92-187.000.

Mahlein, Hans, to Siemens Aktiengesellschaft. Optical polarizer having a dielectric multiple layer system. 4,553,822, 11-19-85, Cl. 350-377.000.

Mahlein, Hans: *See—*

Mathyssek, Konrad; and Mahlein, Hans, 4,556,292, Cl. 350-394.000.

Mahler, Gert; Falkenroth, Heinz-Jurgen; Leitermann, Wulf; and Boms, Manfred, to Gebr. Happich GmbH. Door, particularly for a car. 4,512,240, 4-23-85, Cl. 98-2.040.

Mahler, Gert: *See—*

Schwanitz, Konrad; and Mahler, Gert, 4,541,663, Cl. 296-97.00H.

Mahlkow, Hartmut: *See—*

Grapentin, Joachim; Mahlkow, Hartmut; and Skupsch, Jurgen, 4,517,254, Cl. 428-626.000.

Mahlmann, James P.; Schecter, Steven M.; and Scher, Lawrence, to General Foods Corporation. Controlled coffee roasting. 4,501,761, 2-26-85, Cl. 426-467.000.

Mahn, Dieter: *See—*

Faeser, Ulrich; and Mahn, Dieter, 4,544,336, Cl. 417-412.000.

Mahnig, Fritz; and Meister, Herbert, to Georg Fischer Aktiengesellschaft. Cast wheel fork for motor vehicle axle. 4,556,234, 12-3-85, Cl. 280-688.000.

Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, to BASF Aktiengesellschaft. Resilient foam based on a melamine-formaldehyde condensate. 4,511,678, 4-16-85, Cl. 521-52.000.

Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, to BASF Aktiengesellschaft. Resilient foam based on a melamine-formaldehyde condensate. 4,540,717, 9-10-85, Cl. 521-52.000.

Mahnke, Harald: *See—*

Woerner, Frank P.; Reimann, Horst; Mahnke, Harald; Neumann, Peter; Turznik, Gerhard; and Kaeppel, Hanshelmut, 4,530,940, Cl. 521-124.000.

Mahnke, Parker E., to Marcy Gymnasium Equipment Co. Weight type exercising device. 4,546,970, 10-15-85, Cl. 272-118.000.

Maho Werkzeugmaschinen bau Babel & Co.: *See—*

Babel, Werner, 4,529,342, Cl. 409-164.000.

Maho Werkzeugmaschinenbau Babel & Co.: *See—*

Weck, Manfred; Klingel, Hans; and Werntze, Georg, 4,492,513, Cl. 414-729.000.

Mahon, Joseph J., to Eaton Corporation. Electrical appliance programming. 4,523,062, 6-11-85, Cl. 200-35.00R.

Mahon, Joseph J., to Eaton Corporation. Appliance control and programmer timer therefor. 4,551,590, 11-5-85, Cl. 200-38.00R.

Mahoney, Dennis F.; and Block, William V., to Economics Laboratory, Inc. Aqueous alkaline polyamine paint stripping compositions. 4,537,705, 8-27-85, Cl. 252-529.000.

Mahoney, John A.; Helstrom, John J.; and Tait, A. Martin, to Standard Oil Company (Indiana). Solid hydrocarbon liquefaction with a catalyst having chromium and molybdenum. 4,514,279, 4-30-85, Cl. 208-10.000.

Mahoney, John A.; Pellet, Regis J.; and Helstrom, John J., to Standard Oil Company (Indiana). Hydrocarbon conversion method. 4,526,675, 7-2-85, Cl. 208-10.000.

- Mahoney, Robert D.: *See—*
  - Chen, David T.; and Mahoney, Robert D., 4,543,221, Cl. 264-41.000.
- Mahoney, Thomas P. Road warning emergency system and method of utilizing same. 4,552,089, 11-12-85, Cl. 116-63.00P.
- Mahoney, Thomas P.: *See—*
  - Campbell, James R., 4,551,604, Cl. 219-78.120.
- Mahr, Peter. Laminated sailcloth. 4,554,205, 11-19-85, Cl. 428-253.000.
- Mahr, Peter F., to North Sails, Inc. Sail cloth and sail made therefrom. 4,499,842, 2-19-85, Cl. 114-103.000.
- Mahrla, Peter, to Siemens Aktiengesellschaft. Semiconductor element. 4,511,912, 4-16-85, Cl. 357-36.000.
- Mahrus, Duraid; and Bredemann, Peter, to Metal Leve S.A. Industria e Comercio. Plain bearings. 4,545,913, 10-8-85, Cl. 252-12.600.
- Mahrus, Duraid; and Benitez, Luiz N., to Metal Leve S.A. Industria e Comercio. Method for the manufacture of piston ring inserts by a powder metallurgy technique. 4,547,336, 10-15-85, Cl. 419-31.000.
- Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased (by Trainor, Marie L., executrix), to Owens-Corning Fiberglas Corporation. Process for improving probertite concentration in probertite containing ore. 4,510,048, 4-9-85, Cl. 209-3.000.
- Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased (by Trainor, Marie L., executrix), to Owens-Corning Fiberglas Corporation. Process for recovery of colemanite and probertite from mixed low grade ore. 4,510,049, 4-9-85, Cl. 209-3.000.
- MAI Basic Four, Inc.: *See—*
  - Shah, Hemen V.; Mashikian, Victor; Seaton, John; and Keller, Gordon, 4,536,839, Cl. 364-200.000.
- Mai, Chao: *See—*
  - Chan, Tsiu C.; Mai, Chao; and Hswe, Myint, 4,553,314, Cl. 29-571.000.
- Mai, Khuong H. X.; and Patil, Ghanshyam, to American Hospital Supply Corporation. Synthesis of alpha-aminonitriles. 4,551,526, 11-5-85, Cl. 544-163.000.
- Mai, Khuong H. X.; and Patil, Ghanshyam, to American Hospital Supply Corporation. Synthesis of alpha-aminonitriles. 4,551,537, 11-5-85, Cl. 546-330.000.
- Maida, Osamu; Hasegawa, Hiroshi; Hagyuda, Nobuyoshi; and Iida, Yoshikazu, to Nippon Kogaku K.K. Display unit for flashlight photography. 4,494,851, 1-22-85, Cl. 354-421.000.
- Maida, Osamu; Takemae, Mikio; and Okubo, Yuji, to Nippon Kogaku K.K. Automatic exposure control camera having a low brightness warning device. 4,509,847, 4-9-85, Cl. 354-442.000.
- Maida, Osamu, to Nippon Kogaku K.K. Display apparatus for automatic exposure control camera. 4,527,882, 7-9-85, Cl. 354-442.000.
- Maida, Osamu, to Nippon Kogaku K.K. Power supply control circuit. 4,553,140, 11-12-85, Cl. 340-636.000.
- Maida, Osamu: *See—*
  - Hagyuda, Nobuyoshi; Hasegawa, Hiroshi; Iida, Yoshikazu; and Maida, Osamu, 4,519,683, Cl. 354-127.110.
  - Ishizaka, Sunao; and Maida, Osamu, 4,538,890, Cl. 354-21.000.
  - Ishizaka, Sunao; and Maida, Osamu, 4,550,991, Cl. 354-21.000.
  - Ishizaka, Sunao; and Maida, Osamu, 4,558,935, Cl. 354-21.000.
  - Ishizaka, Sunao; and Maida, Osamu, 4,561,741, Cl. 354-21.000.
  - Nakano, Yoshiyuki; and Maida, Osamu, 4,538,893, Cl. 354-412.000.
  - Sano, Yoshiaki; Tsuchiya, Chikara; and Maida, Osamu, 4,525,637, Cl. 307-350.000.
- Maida, Vincent A.: *See—*
  - Ryan, William P.; Mason, Richard A.; Maida, Vincent A.; and Donovan, Timothy F., 4,495,380, Cl. 174-138.00D.
- Maidanik, Jury F.; Vershinin, Sergei V.; Kholodov, Valery F.; and Dolgirev, Jury E., to Otdel Fiziko-Tekhnicheskikh Problem Energetiki Uralskogo Nauchnogo Tsentra Akademi Nauk SSR. Heat transfer apparatus. 4,515,209, 5-7-85, Cl. 165-104.220.
- Maiden, Adrian J., to Ferranti plc. Non-dispersive optical determination of gas concentration. 4,500,207, 2-19-85, Cl. 356-409.000.
- Maidique, Modesto A.: *See—*
  - Brokaw, Adrian P.; and Maidique, Modesto A., 4,547,766, Cl. 340-347.0AD.
  - Brokaw, Adrian P.; and Maidique, Modesto A., 4,556,870, Cl. 340-347.0AD.
- Maier, Alfred E., to Westinghouse Electric Corp. Molded case circuit breaker with an apertured molded cross bar for supporting a movable electrical contact arm. 4,540,961, 9-10-85, Cl. 335-16.000.
- Maier, Alfred E., to Westinghouse Electric Corp. Molded case circuit breaker with adjustable stationary lower electrical contact. 4,551,597, 11-5-85, Cl. 200-249.000.
- Maier, Alfred E.; and Ricci, Louis N., to Westinghouse Electric Corp. Circuit breaker having improved stab assembly. 4,555,604, 11-26-85, Cl. 200-255.000.
- Maier, Bruce R.; and Flannery, Lincoln R., to P.A.S.T. Corporation. Firearm recoil protection system. 4,493,115, 1-15-85, Cl. 2-2.000.
- Maier, Charles, to Longacre, James R.; and Hendricks, Richard. Apparatus for furling sailboat jib. 4,557,213, 12-10-85, Cl. 114-106.000.
- Maier & Co.: *See—*
  - Maleschew, Josef, 4,546,531, Cl. 29-560.000.
- Maier Enterprises, Inc.: *See—*
  - Maier, Otto H.; Seifert, James F.; Ryder, John C.; and Grisez, William F., 4,513,853, Cl. 198-410.000.
- Maier, Gernot; Tischler, Heinrich; Wohr, Rolf; and Schwarzhoff, Wolfgang, to Robert Bosch GmbH. Modular electrical distribution connection set. 4,545,632, 10-8-85, Cl. 339-18.00R.
- Maier, Hans: *See—*
  - Balsys, Manfred; Kling, Dieter; Maier, Hans; Miller, Franz; and Schmid, Walter, 4,522,223, Cl. 137-240.000.
- Maier, Heinz: *See—*
  - Hutter, Helmut; and Maier, Heinz, 4,558,379, Cl. 360-32.000.
- Maier, Helmut K., to Henkel Corporation. Method of suspension polymerization of vinyl chloride utilizing hydroxypropyl guar. 4,532,314, 7-30-85, Cl. 526-200.000.
- Maier, Herbert, to Telefunken Electronic GmbH. Method for making a semiconductor device by using capillary action to transport solder between different layers to be soldered. 4,493,143, 1-15-85, Cl. 29-590.000.
- Maier, Jakob: *See—*
  - Hoefelmayr, Tilman; and Maier, Jakob, 4,499,854, Cl. 119-14.320.
- Maier, Johannes: *See—*
  - Scholze, Gottfried; Scholze, Dietrich; and Maier, Johannes, 4,505,439, Cl. 242-68.400.
- Maier, Josef. Device for separably connecting neighboring panels in concrete forms. 4,520,990, 6-4-85, Cl. 249-47.000.
- Maier, Josef: *See—*
  - Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, 4,538,765, Cl. 241-21.000.
- Maier, Joseph W. Round bale unroller. 4,514,127, 4-30-85, Cl. 414-24.600.
- Maier, Karl: *See—*
  - Singer, Robert; Goetze, Richard; Maier, Karl; and Kerbl, Maximilian, 4,536,534, Cl. 524-262.000.
- Maier, Ludwig; Meyer, Willy; Oertle, Konrad; Roloff, Achim; and Topfl, Werner, to Ciba-Geigy Corporation. Herbicidal and growth regulator phosphorus-containing N-phenylsulfonyl-N'-pyrimidinylureas and N-phenylsulfonyl-N'-triazinylureas. 4,559,078, 12-17-85, Cl. 71-87.000.
- Maier, Ludwig: *See—*
  - Meyer, Alfred; Kunz, Walter; Maier, Ludwig; and Rempfler, Hermann, 4,497,647, Cl. 71-76.000.
- Maier, Otto H.; Seifert, James F.; Ryder, John C.; and Grisez, William F., to Maier Enterprises, Inc. Cooling bed construction. 4,513,853, 4-30-85, Cl. 198-410.000.
- Maier, Peter; and Tschacher, Dieter. Three way coupling. 4,491,297, 1-1-85, Cl. 251-149.100.
- Maier, Peter; and Frietsch, Kurt, to Luk Lamellen und Kupplungsbau GmbH. Clutch plate with control means and at least two energy storing devices cooperating with the control means. 4,526,261, 7-2-85, Cl. 192-106.200.
- Maier, Peter. Guide plate for a hand power saw. 4,539,881, 9-10-85, Cl. 83-745.000.
- Maier, Peter; and Sigel, Albert. Table saw outfit. 4,543,866, 10-1-85, Cl. 83-471.300.
- Maier, Peter; Schirrmacher, Roland; and Simen, Rolf. Support for endless grinding sleeves. 4,555,199, 11-26-85, Cl. 403-370.000.
- Maier, Peter; and Arnold, Gunther. Table made up of a number of parts, more especially a bench. 4,558,649, 12-17-85, Cl. 108-159.000.
- Maier, Robert: *See—*
  - Jacob, Gernot; and Maier, Robert, 4,530,128, Cl. 15-182.000.
- Maier, Robert L., to McCormick Morgan, Inc. Flexible conduit take-up apparatus. 4,526,090, 7-2-85, Cl. 98-33.100.
- Maier, Roland: *See—*
  - Dammann, Peter; Lorenz, Hellmut; and Maier, Roland, 4,519,204, Cl. 57-340.000.
- Maier, Siegfried; and Albrecht, Eckart, to Dupro AG. Cleaning apparatus. 4,537,424, 8-27-85, Cl. 285-7.000.
- Maier, Thomas: *See—*
  - Koch, Manfred; and Maier, Thomas, 4,550,174, Cl. 548-306.000.
- Maier, Wilfried: *See—*
  - Wrulich, Herwig; Schetina, Otto; Siebenhofer, Gottfried; and Maier, Wilfried, 4,555,143, Cl. 299-81.000.
  - Zitz, Alfred; Wrulich, Herwig; Schetina, Otto; and Maier, Wilfried, 4,542,942, Cl. 299-81.000.
- Maier, William. Easy access pulley box. 4,508,371, 4-2-85, Cl. 285-121.000.
- Maier, William B., II: *See—*
  - Freund, Samuel M.; Maier, William B., II; Holland, Redus F.; and Beattie, Willard H., 4,554,060, Cl. 204-157.10R.
- Maierson, Theodore, to Standard Register Company, The. Color developer for pressure-sensitive recording papers. 4,556,687, 12-3-85, Cl. 524-333.000.
- Maiese, William M.: *See—*
  - Lee, Taikwang M.; Borders, Donald B.; Goodman, Joseph J.; Testa, Raymond T.; Maiese, William M.; and Labeda, David P., 4,551,533, Cl. 546-35.000.
- Maietta, Michael G.: *See—*
  - Sutryn, Caroll S.; and Maietta, Michael G., 4,550,825, Cl. 206-222.000.
- Maignan, Jean; and Shroot, Braham, to L'Oreal. N-carbamoyl derivatives of (5,4b)-isothiazolo-3-one and anti-acne cosmetic compositions. 4,512,985, 4-23-85, Cl. 514-301.000.
- Maignan, Jean: *See—*
  - Bouillon, Claude; and Maignan, Jean, 4,503,033, Cl. 424-47.000.
  - Lang, Gerard; Maignan, Jean; Leveque, Jean-Luc; and Rasseneur, Laurent, 4,539,320, Cl. 514-222.000.
  - Shroot, Braham; and Maignan, Jean, 4,548,942, Cl. 514-301.000.
  - Shroot, Braham; Maignan, Jean; and Lang, Gerard, 4,558,069, Cl. 514-473.000.
- Maijer, Rolf: *See—*
  - Smith, Dennis C.; and Maijer, Rolf, 4,548,583, Cl. 433-228.100.
- Maijers, Andries C.; and Vos, Jan, to U.S. Philips Corporation. Electrical component comprising an electric circuit element having leads

which are centered with respect to the walls of a housing. 4,546,209, 10-8-85, Cl. 174-52.0PE.

Mail-Ex Corporation: *See*—
Russell, Robert J., 4,499,705, Cl. 53-266.00A.
Russell, Robert J., 4,527,378, Cl. 53-266.00A.

Mailfert, Alain: *See*—
Saint-Michel, Jacques A.; Chabrerie, Jean-Pierre; and Mailfert, Alain, 4,521,709, Cl. 310-186.000.

Maillard, Alain; and Pichon, Michel, to Isover Saint-Gobain. Process and device for the analysis of the heterogeneous features in a transparent material. 4,541,856, 9-17-85, Cl. 65-29.000.

Maillard, Claude M. J.: *See*—
d'Agostino, Guy; Dhainaut, Andre; and Maillard, Claude M. J., 4,502,501, Cl. 137-487.000.
d'Agostino, Guy; Dhainaut, Andre; and Maillard, Claude M. J., 4,526,087, Cl. 91-61.000.

Maillard, Jacques G.; Van, Tri V.; Legeai, Jacky M.; and Benharkate, Marguerite M., to Laboratoires Jacques Logeais. 2-imino-pyrrolidines, process for their preparation, and therapeutic compositions containing same. 4,556,674, 12-3-85, Cl. 514-426.000.

Maillart, Patrick: *See*—
Brice, Jean-Michel; and Maillart, Patrick, 4,541,073, Cl. 365-156.000.

Maille, Jacques: *See*—
Bourdillot, Michel; Gauthier, Andre; Maille, Jacques; and Pitault, Bernard, 4,532,699, Cl. 29-572.000.

Maillefer, Charles E., to Maillefer S.A. Plastics extruder. 4,491,418, 1-1-85, Cl. 366-76.000.

Maillefer, Charles E., to Maillefer S.A. Sizing device for extruded plastic tubing. 4,543,051, 9-24-85, Cl. 425-71.000.

Maillefer S.A.: *See*—
Maillefer, Charles E., 4,491,418, Cl. 366-76.000.
Maillefer, Charles E., 4,543,051, Cl. 425-71.000.

Maillet, Marc: *See*—
Lacour, Bernard; Maillet, Marc; de Witte, Olivier; and Vannier, Chantal, 4,495,631, Cl. 372-38.000.
Lacour, Bernard; Maillet, Marc; Vannier, Chantal; and de Witte, Olivier, 4,509,174, Cl. 372-82.000.

Mailliet, Pierre; and Kraemer, Edgar, to Paul Wurth S.A. Modular pivotal fluidic joint systems and components thereof. 4,497,379, 2-5-85, Cl. 173-39.000.

Mailliet, Pierre; and Ulveling, Leon, to Paul Wurth S.A. Installation for feeding a shaft furnace. 4,512,702, 4-23-85, Cl. 414-202.000.

Mailliet, Pierre; Andonov, Radomir; Stomp, Hubert; and Monai, Jean, to Paul Wurth S.A. Apparatus for guiding and changing immersion lances. 4,533,125, 8-6-85, Cl. 266-226.000.

Mailliet, Pierre; Ulveling, Leon; and Metz, Jean, to Paul Wurth S.A. Apparatus for plugging the taphole of a shaft furnace. 4,557,468, 12-10-85, Cl. 266-273.000.

Mailliet, Pierre: *See*—
Cooper, Arthur; and Mailliet, Pierre, 4,544,143, Cl. 266-273.000.
Legille, Edouard; and Mailliet, Pierre, 4,493,600, Cl. 414-208.000.
Legille, Edouard; Mailliet, Pierre; and Lonardi, Emile, 4,514,129, Cl. 414-200.000.
Legille, Edouard; and Mailliet, Pierre, 4,525,120, Cl. 414-160.000.
Legille, Edouard; and Mailliet, Pierre, 4,547,116, Cl. 414-160.000.

Mailloux, Dennis R.: *See*—
Kniazzeh, Alfredo G.; Mailloux, Dennis R.; and Norvaisa, Kestutis, 4,532,193, Cl. 429-82.000.

Mailroom Systems, Inc.: *See*—
Hedrick, Robert, 4,514,128, Cl. 414-49.000.

Main, Brian G.: *See*—
Brown, David; Dowell, Robert I.; Hargreaves, Rodney B.; and Main, Brian G., 4,503,054, Cl. 514-242.000.

Main, Perry A., to APX Group Inc. Method and apparatus for expanding tubular members. 4,530,231, 7-23-85, Cl. 72-393.000.

Main, W. Eric; Welty, Dennis L.; and Zobel, Don W., to Motorola, Inc. Bias circuit which is independent of output device voltage characteristics for biasing an amplifier in class AB operation. 4,491,804, 1-1-85, Cl. 330-265.000.

Main, W. Eric: *See*—
Gray, Randall C.; and Main, W. Eric, 4,517,547, Cl. 340-59.000.

Mainberger, Walter A.: *See*—
Redmond, Sanford; and Mainberger, Walter A., 4,493,574, Cl. 401-132.000.

Maine Poly, Inc.: *See*—
Neal, Robert; and Ray, Robert, 4,529,087, Cl. 206-328.000.

Maine, Reuben E., to Sperry Corporation. Differential receiver. 4,532,637, 7-30-85, Cl. 375-10.000.

Maine, Richard L., to Rogers Corporation. Matrix coating system and method of manufacture thereof. 4,515,739, 5-7-85, Cl. 264-45.300.

Maine Yankee Atomic Power Company: *See*—
Patenaude, Richard S., 4,539,174, Cl. 376-261.000.

Mainenti, Joseph S. Snap-on adaptor for architect's scale. 4,495,709, 1-29-85, Cl. 33-484.000.

Maingueneau, Gerard, to Mecanique des Moutiers Route de Loudun. Wood splitting machine with a threaded rotating cone. 4,553,576, 11-19-85, Cl. 144-194.000.

Mainiero, Joseph J.; Mainiero, Michael R.; and Stanley, Arthur T., to Man Barrier Corporation. Extensible and retractable barrier and electromagnetic intrusion detector therefor. 4,503,423, 3-5-85, Cl. 340-552.000.

Mainiero, Michael R.: *See*—
Mainiero, Joseph J.; Mainiero, Michael R.; and Stanley, Arthur T., 4,503,423, Cl. 340-552.000.

Mainiero, Richard J., to United States of America, Interior. Non-incendive rock-breaking explosive charge. 4,537,133, 8-27-85, Cl. 102-316.000.

Mainord, Kenneth R., to Pollution Control Products Co. Method of controlling a reclamation furnace. 4,557,203, 12-10-85, Cl. 110-344.000.

Mains, Gilbert L., Jr. Tube bundle cleaning apparatus. 4,509,544, 4-9-85, Cl. 134-144.000.

Maintel Pty. Limited: *See*—
Wallace, John L., 4,514,012, Cl. 299-57.000.

Mainwaring, David E.; and Jones, Charles U., to B.P. Australia Limited; and Broken Hill Proprietary Company Limited, The. Coal preparation. 4,539,010, 9-3-85, Cl. 44-1.00C.

Mainzer, Franz: *See*—
Reichert, Gunter; Mainzer, Franz; Lehmann, Kurt; and Niermann, Hermann, 4,520,631, Cl. 62-188.000.

Maio, Kenji: *See*—
Hotta, Masao; Maio, Kenji; and Nagaishi, Hiromi, 4,549,166, Cl. 340-347.0DA.

Maio, Patrick S.: *See*—
Davis, Robert E.; Maio, Patrick S.; and Growney, Lawrence J., 4,508,226, Cl. 206-620.000.

Maiocchi, John, to GTE Communications Products Corporation. Coating apparatus for bodies of electrical components having axial leads. 4,499,848, 2-19-85, Cl. 118-45.000.

Maione, Claudio, to LA "GROG" s.r.l. Disposable device for self-heating or self-cooling of drinks or foodstuffs by an exothermic or endothermic reaction. 4,528,218, 7-9-85, Cl. 428-35.000.

Maiorana, Stefano; Brocchetti, Diego G.; Piacenza, Giuseppe; and Manfredi, Amedea, to Schiapparelli Farmaceutici S.p.A. 1,5-benzothiazepines with cardiovascular utility, and pharmaceutical compositions containing them. 4,547,495, 10-15-85, Cl. 514-211.000.

Mair, Alexander D., to Tennessee Valley Authority. Method to improve acidulation quality of North Carolina phosphate rock. 4,557,909, 12-10-85, Cl. 423-167.000.

Mair, Bernard. Fastening device. 4,498,827, 2-12-85, Cl. 411-349.000.

Maisch, Wolfgang; Nusser, Hermann; Peters, Klaus-Jurgen; and Strohl, Willi, to Robert Bosch GmbH. Fuel injection system. 4,530,329, 7-23-85, Cl. 123-447.000.

Maisch, Wolfgang, to Robert Bosch GmbH. Fuel injection system. 4,549,515, 10-29-85, Cl. 123-452.000.

Maisch, Wolfgang: *See*—
Gassler, Hermann; Joos, Eugen; Kubach, Hans; Maisch, Wolfgang; and Singer, Erich, 4,501,247, Cl. 123-453.000.
Gmelin, Karl; Kubach, Hans; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schelhas, Peter, 4,545,353, Cl. 123-454.000.
Jaggle, Gunther; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schutz, Rudolf, 4,515,128, Cl. 123-454.000.

Maisel, Douglas A. Signaling system for FM transmission systems. 4,534,054, 8-6-85, Cl. 381-4.000.

Maishar, Uzi: *See*—
Babai, Matzliach; and Maishar, Uzi, 4,499,160, Cl. 429-101.000.

Maisonneuve, Richard Z., to Manoir International, Inc. Hot water system using a compressor. 4,513,585, 4-30-85, Cl. 62-238.600.

Maisons Phenix: *See*—
Tardif, Jean, 4,507,009, Cl. 403-306.000.

Maistore S.p.A.: *See*—
Citterio, Enrico, 4,491,599, Cl. 426-331.000.

Maiter, Sigurd: *See*—
Brusis, Otto; Maiter, Sigurd; and Haufe, Paul, 4,517,621, Cl. 361-231.000.

Maitland, Arthur: *See*—
Donaldson, Timothy P.; Pirrie, Colin A.; and Maitland, Arthur, 4,559,466, Cl. 313-15.000.

Maitland, Robert L. Combination carrier, chair, and lounge/table. 4,533,151, 8-6-85, Cl. 280-47.250.

Maitre, Pierre: *See*—
Valdois, Michel; Maitre, Pierre; Besson, Raymond; and Boy, Jean-Jacques, 4,547,691, Cl. 310-361.000.

Maitre, Xavier: *See*—
Petit, Jean-Pierre; and Maitre, Xavier, 4,521,866, Cl. 364-724.000.

Maizenberg, Leonid I., to Sybron Corporation. Lever actuated chuck mechanism for dental handpiece. 4,536,157, 8-20-85, Cl. 433-129.000.

Maj, Joseph J.: *See*—
Colmenares, Carlos A.; Somorjai, Gabor A.; and Maj, Joseph J., 4,532,230, Cl. 502-344.000.

Majaniemi, Pekka, to Oy Tampella AB. Perforated sheet for the head box of a paper machine. 4,539,075, 9-3-85, Cl. 162-343.000.

Majefski, Richard L., to Rockwell International Corporation. Auto-equalizer apparatus. 4,525,684, 6-25-85, Cl. 330-304.000.

Majerus, John N.; and Walters, William P., to United States of America, Army. High lethality warheads. 4,499,830, 2-19-85, Cl. 102-476.000.

Majestic, Peter J., to Corning Glass Works. Wire electrical discharge machine flushing process and apparatus. 4,527,035, 7-2-85, Cl. 219-69.00W.

Majestic Rides Mfg. Co.: *See*—
Kudler, Paul S., 4,522,390, Cl. 272-29.000.

Majette, Joseph P. Method and apparatus for spinning yarn under constant tension. 4,531,353, 7-30-85, Cl. 57-94.000.

Majewicz, Thomas G.: *See*—
Lukach, Carl; Majewicz, Thomas G.; and Reid, Albert R., 4,523,010, Cl. 536-91.000.

Majewski, Anthony; and Mayer, Theodore W., to R. R. Donnelley & Sons Company. Apparatus for and method of gathering 1-up and 2-up signatures for saddle stitching. 4,546,961, 10-15-85, Cl. 270-53.000.

Majewski, Frank. Animal door scratch preventer. 4,539,936, 9-10-85, Cl. 119-29.000.
Majewski, Helmut W.: *See—*
  Sherif, Fawzy G.; Majewski, Helmut W.; and Via, Francis A., 4,496,527, Cl. 423-309.000.
Majewski, Klaus-Peter: *See—*
  Lonne, Klaus; and Majewski, Klaus-Peter, 4,554,084, Cl. 252-12.400.
Majewski, Lawrence M., to Rockwell International Corporation. Roller retainer for brake assembly. 4,503,953, 3-12-85, Cl. 188-330.000.
Majima, Mitsue: *See—*
  Sakamura, Yoshikazu; and Majima, Mitsue, 4,499,647, Cl. 29-509.000.
Majima, Osamu, to Sony Corporation. Thermal transfer printing method and printing paper therefor. 4,505,975, 3-19-85, Cl. 428-336.000.
Majima, Osamu; and Honda, Shigemichi, to Sony Corporation. Method for making a transferrable dye medium. 4,547,392, 10-15-85, Cl. 427-40.000.
Majoie, Bernard; Bellamy, Francois; Dodey, Pierre; and Robin, Jacques, to Societe de Recherches Industrielles S.O.R.I. Benzoylphenyl-piperidine derivatives. 4,528,294, 7-9-85, Cl. 514-327.000.
Majoie, Bernard, to Societe de Recherches Industrielles S.O.R.I. Phenoxyalkylcarboxylic acids. 4,554,371, 11-19-85, Cl. 560-52.000.
Major, Harry, to Harry Major Machine and Tool Co. Conveyor roller. 4,505,381, 3-19-85, Cl. 198-781.000.
Majorette: *See—*
  Ribas, Jean L., 4,519,724, Cl. 403-345.000.
Majors, Mark B.: *See—*
  Keck, Daniel H.; Braun, Ralph V.; and Majors, Mark B., 4,522,863, Cl. 428-196.000.
Majthan, Rudolf; Stuhler, Rolf; Parsonage, Raymond G.; and Packham, Charles C., to Braun Aktiengesellschaft. Compact electric hair dryer. 4,514,618, 4-30-85, Cl. 219-370.000.
Majumdar, Debesh: *See—*
  Yourd, Raymond A., III; Majumdar, Debesh; and Gruber, Robert J., 4,537,848, Cl. 430-110.000.
Majumdar, Kalyan K., to International Minerals & Chemical Corp. Process for oxidation of wet process phosphoric acid. 4,503,022, 3-5-85, Cl. 423-321.00R.
Majumdar, Senajit J.: *See—*
  Lund, David L.; Majumdar, Senajit J.; Mullane, William E.; and Krivanek, Louis, 4,523,068, Cl. 219-10.530.
Mak, Kelvin K.: *See—*
  Bulka, Raymond I.; Ketcham, Russell S.; and Mak, Kelvin K., 4,525,118, Cl. 414-43.000.
Mak, Nai H.: *See—*
  Schuller, James T.; Griner, Paul K.; and Mak, Nai H., 4,512,453, Cl. 194-1.00N.
Mak, Randall L.; and Young, Larry W. Corn harvester machine with mechanism for picking up downed cornstalks and retrieving ears therefrom. 4,524,571, 6-25-85, Cl. 56-98.000.
Mak, Stephen M., to Iodata, Inc. Method and apparatus for character code compression and expansion. 4,545,032, 10-1-85, Cl. 364-900.000.
Makabe, Seigo. Hairbrush device. 4,494,269, 1-22-85, Cl. 15-203.000.
Makabe, Takayoshi; Kuraishi, Yoshiaki; Nakayama, Kenji; and Kimura, Tadakatsu, to Nippon Electric Co., Ltd.; and Nippon Telegraph & Telephone Public Corporation. Switched capacitor filter having a reduced capacitance. 4,498,063, 2-5-85, Cl. 333-173.000.
Makal, John M.: *See—*
  Muench, Frank J., Jr.; and Makal, John M., 4,532,386, Cl. 200-11.0TC.
Makalsky, Leonid M.: *See—*
  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
Makamori, Shigeru: *See—*
  Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.
Makansi, Munzer, to Du Pont de Nemours, E. I., and Company. Apparatus for quenching melt-spun filaments. 4,529,368, 7-16-85, Cl. 425-72.00S.
Makarewicz, Stanley R.: *See—*
  Garbarino, Paul L.; Makarewicz, Stanley R.; and Shepard, Joseph F., 4,498,095, Cl. 357-23.000.
Makarov, Gennady A.: *See—*
  Telis, Alexandr I.; Epishin, Pavel P.; Korzhov, Viktor I.; Makarov, Gennady A.; Kotlyarenko, Iosif Y.; and Grischenko, Nikolai V., 4,506,143, Cl. 219-497.000.
Makarov, George. Mass accelerator and power converter unit. 4,498,357, 2-12-85, Cl. 74-752.00F.
Makarov, Nikolai P.: *See—*
  Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.
Makarov, Viktor M.; Paton, Boris E.; Globin, Nikolai K.; Usenko, Viktor G.; Khismatulin, Enver R.; Ziselman, Boris G.; Serov, Petr G.; Shel, Marat M.; and Rozenberg, Ovshiya O. Mill for manufacturing bodies of multilayer high-pressure vessels. 4,505,417, 3-19-85, Cl. 228-17.700.
Makedonski, Boris G.; and Atanassov, Haralampi A., to Centralen Mashinostroitelen Institute. Machine for finishing complex profiled workpieces. 4,549,370, 10-29-85, Cl. 51-7.000.
Makedonski, Frederik M.: *See—*
  Iliev, Maxim D.; Kervanbashiev, Stoyu S.; Karamanski, Stefan D.; and Makedonski, Frederik M., 4,532,431, Cl. 290-4.00R.
Makhlouf, Joseph M.; McCollum, Gregory J.; and Kerr, Paul R., to PPG Industries, Inc. Coated article. 4,550,060, 10-29-85, Cl. 428-423.100.
Makhlouf, Joseph M.; McCollum, Gregory J.; and Kerr, Paul R., to PPG Industries, Inc. Method of molding. 4,555,551, 11-26-85, Cl. 525-455.000.
Makhlouf, Samir B. Maximum capability wrench. 4,506,567, 3-26-85, Cl. 81-57.300.
Makhteshim Chemical Works, Ltd.: *See—*
  Bracha, Peretz; and Massil, Solomon, 4,551,458, Cl. 514-259.000.
Maki, Farrel M., to Minnesota Mining and Manufacturing Company. Temperature compensated time exposure control circuit. 4,536,681, 8-20-85, Cl. 315-309.000.
Maki, Hirohisa; Sano, Takashi; and Yamamoto, Misao, to Dai-Ichi Kogyo Seiyaku Co., Ltd. Anti-corrosive coating composition. 4,555,536, 11-26-85, Cl. 524-66.000.
Maki, Masakazu: *See—*
  Iizuka, Eiichi; Sando, Tomoji; Kashima, Shinji; and Maki, Masakazu, 4,551,195, Cl. 156-603.000.
Maki, Masami: *See—*
  Kawai, Yoichi; Gotoh, Yoshihisa; Yokote, Sachio; Maki, Masami; and Sekiguchi, Katsumi, 4,510,079, Cl. 252-511.000.
Maki, Masao; Kaneko, Yasunori; and Kobayashi, Ikuo, to Matsushita Electric Industrial Co., Ltd. Coated surfaces capable of decomposing oils. 4,515,862, 5-7-85, Cl. 428-450.000.
Maki, Masao; Kaneko, Yasunori; and Fukuda, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Solar heat collector. 4,556,048, 12-3-85, Cl. 126-417.000.
Maki, Nagatoshi. Shotgun cartridge and wad thereof. 4,506,605, 3-26-85, Cl. 102-457.000.
Maki, Ray. Battery shield. 4,523,658, 6-18-85, Cl. 180-68.500.
Maki, Takao; Masuyama, Tetsuo; and Asami, Yoshio, to Mitsubishi Chemical Industries Limited. Catalytic isomerization process of dimethylnaphthalenes. 4,556,751, 12-3-85, Cl. 585-481.000.
Maki, Takayoshi: *See—*
  Masamura, Tatsuro; Morikura, Masahiro; and Maki, Takayoshi, 4,554,672, Cl. 375-40.000.
Maki, Theodore R.: *See—*
  Anderson, Robert H.; Ross, William E.; and Maki, Theodore R., 4,495,492, Cl. 340-783.000.
Maki, Toshio: *See—*
  Sakuma, Kazuyoshi; Nihei, Tetsuo; and Maki, Toshio, 4,505,144, Cl. 72-345.000.
Maki, William. Radio-controlled skyline carriage. 4,515,281, 5-7-85, Cl. 212-76.000.
Maki, Yoshihiro: *See—*
  Oaku, Takaaki; Maki, Yoshihiro; and Hokazono, Yasuzi, 4,504,312, Cl. 75-244.000.
  Oaku, Takaaki; Shioda, Masahiko; Suzuki, Syunsuke; and Maki, Yoshihiro, 4,556,533, Cl. 419-11.000.
  Oaku, Takaaki; Hokazono, Yasuzi; Shiota, Masahiko; and Maki, Yoshihiro, 4,561,889, Cl. 75-125.000.
Maki, Yoshiki: *See—*
  Fujita, Daijiro; Motoo, Akihiko; and Maki, Yoshiki, 4,516,925, Cl. 425-463.000.
Makido, Isao: *See—*
  Yano, Naomichi; Makido, Isao; and Ito, Hajime, 4,510,921, Cl. 126-429.000.
Makiel, Joseph M., to United States of America, Energy. Fuel cell generator. 4,520,082, 5-28-85, Cl. 429-26.000.
Makigawa, Shinji: *See—*
  Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, 4,534,821, Cl. 156-617.0SP.
Makihara, Hiroshi: *See—*
  Kamimura, Yoshihiko; Okamoto, Toshiro; Takahashi, Naoyuki; Makihara, Hiroshi; and Oshima, Michio, 4,520,224, Cl. 585-648.000.
Makihira, Hiroshi: *See—*
  Kuni, Asahiro; Hamada, Toshimitsu; Makihira, Hiroshi; and Yoshimura, Kazushi, 4,556,797, Cl. 250-492.200.
Makilaakso, Antero, to Printal Oy. Tube end piece. 4,509,660, 4-9-85, Cl. 222-107.000.
Makimaa, Tapani, to Kemppi Oy. Method for measuring the free wire length in MIG/MAG welding. 4,533,817, 8-6-85, Cl. 219-137.710.
Makimoto, Mitsuo; Aihara, Yukichi; and Yamashita, Sadahiko, to Matsushita Electric Industrial Co., Ltd. Coaxial dielectric resonator having different impedance portions and method of manufacturing the same. 4,506,241, 3-19-85, Cl. 333-222.000.
Makimoto, Mitsuo: *See—*
  Hasegawa, Makoto; Makimoto, Mitsuo; Yamashita, Sadahiko; and Katayama, Yoshio, 4,536,724, Cl. 331-177.00V.
Makimura, Masaru: *See—*
  Kogame, Kunio; Tanba, Yoshihiro; and Makimura, Masaru, 4,515,854, Cl. 428-288.000.
Makinen, Heimo; and Suur-Askola, Seppo, to Elevator GmbH; and Kone Oy. Speed control system for a motor with short-circuited rotor. 4,499,972, 2-19-85, Cl. 187-29.00R.

Makinen, Heimo; and Suur-Askola, Seppo, to Elevator GmbH; and Kone Oy. Procedure and measuring circuit for stopping an elevator. 4,518,062, 5-21-85, Cl. 187-29.00R.

Makinen, Seppo, to Wartsila AB. Method for producing model ice. 4,532,772, 8-6-85, Cl. 62-74.000.

Makino, Ayumu: *See*—
  Kimura, Tutomu; Tsuge, Takeyoshi; Torisawa, Yoshihiro; and Makino, Ayumu, 4,562,446, Cl. 346-140.00R.
  Tsuge, Takeyoshi; Torisawa, Yoshihiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,469, Cl. 400-119.000.
  Tsuge, Takeyoshi; Torisawa, Yoshiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,472, Cl. 400-124.000.

Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shunichiro; and Suzuki, Hiroshi, to Hitachi Chemical Company, Ltd.; and Hitachi, Ltd. Composition for protective coating material. 4,511,705, 4-16-85, Cl. 528-26.000.

Makino, Daisuke: *See*—
  Isobe, Asao; Makino, Daisuke; and Shiraishi, Hiroshi, 4,513,077, Cl. 430-270.000.
  Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.
  Sato, Hidetaka; Uchimura, Shunichiro; Uchigasaki, Isao; and Makino, Daisuke, 4,497,922, Cl. 524-104.000.
  Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000.

Makino, Fumio: *See*—
  Moriyama, Masakazu; Shinohara, Toshio; Hirano, Kazuo; and Makino, Fumio, 4,516,121, Cl. 340-825.050.

Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, to UBE Industries, Ltd. Porous aromatic imide polymer membrane and a process for its manufacture. 4,512,893, 4-23-85, Cl. 210-500.200.

Makino, Hiroshi; Higuchi, Masaru; and Murata, Kazuou, to West Electric Company, Ltd. Distance measuring apparatus. 4,514,084, 4-30-85, Cl. 356-4.000.

Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, to UBE Industries, Ltd. Aromatic polyimide composite separating membrane. 4,528,004, 7-9-85, Cl. 55-158.000.

Makino, Katsuhiko: *See*—
  Kano, Takao; and Makino, Katsuhiko, 4,556,792, Cl. 250-231.0SE.

Makino, Kazuhiro: *See*—
  Higuchi, Masao; Uno, Shuzo; Ishii, Yasuhisa; Makino, Kazuhiro; and Okasaka, Kenichi, 4,531,647, Cl. 212-147.000.

Makino, Kenya; Sakurai, Hideo; Toyoda, Toshiyuki; and Matsuo, Yoshitaka, to Japan Synthetic Rubber Co., Ltd. Process for producing olefin copolymer rubber. 4,506,061, 3-19-85, Cl. 526-142.000.

Makino, Kenzi: *See*—
  Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Karuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.

Makino Milling Machine Co., Ltd.: *See*—
  Sato, Makoto; and Hiramoto, Kazuyuki, 4,550,375, Cl. 364-474.000.

Makino, Naonori; Horie, Seiji; Kawamura, Kouichi; and Sato, Hideo, to Fuji Photo Film Co., Ltd. Disazo compounds and photoconductive composition as well as electrophotographic light sensitive element containing the same. 4,504,559, 3-12-85, Cl. 430-58.000.

Makino, Naonori: *See*—
  Horie, Seiji; Kawamura, Kouichi; Makino, Naonori; and Sato, Hideo, 4,557,988, Cl. 430-58.000.
  Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,508,805, Cl. 430-72.000.
  Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,533,613, Cl. 430-78.000.

Makino, Osamu: *See*—
  Eda, Kazuo; Kikuchi, Yasuharu; Makino, Osamu; and Matsuoka, Michio, 4,551,268, Cl. 252-519.000.

Makino, Shigeo; and Sugimura, Noboru, to Bridgestone Tire Company Limited. Combination radial tire for heavy load vehicles. 4,495,976, 1-29-85, Cl. 152-354.00R.

Makino, Shigeru: *See*—
  Katagi, Takashi; Makino, Shigeru; Tanaka, Hirokazu; and Kobayashi, Yuji, 4,506,270, Cl. 343-914.000.

Makino, Shoji: *See*—
  Aoki, Akihiro; Hiratsuka, Shozaburo; Yamaguchi, Norihisa; and Makino, Shoji, 4,525,384, Cl. 427-174.000.

Makino, Teruyoshi: *See*—
  Ono, Minoru; Makino, Teruyoshi; and Kikuchi, Hisashi, 4,546,061, Cl. 430-207.000.

Makino, Tomoaki, to Mitsubishi Denki Kabushiki Kaisha. Optimized display device memory utilization. 4,520,358, 5-28-85, Cl. 340-799.000.

Makino, Tomoatsu: *See*—
  Yamamoto, Noboru; Okuda, Ryoichi; and Makino, Tomoatsu, 4,492,213, Cl. 123-644.000.

Makino, Tsutomu: *See*—
  Okada, Tokio; Makino, Tsutomu; and Takemura, Michio, 4,546,675, Cl. 81-9.510.

Makino, Yuzi: *See*—
  Hasegawa, Shumpei; and Makino, Yuzi, 4,526,144, Cl. 123-339.000.

Makinouchi, Akifumi: *See*—
  Kitakami, Hazime; Ishikawa, Hiroshi; Tezuka, Masayoshi; Adachi, Susumu; and Makinouchi, Akifumi, 4,497,039, Cl. 364-900.000.

Makio, Tatsumi: *See*—
  Nishioka, Nobuaki; Makio, Tatsumi; and Ito, Katsutsune, 4,524,370, Cl. 346-155.000.

Makipirtti, Simo A. I.; and Setala, Pekka T., to Outokumpu Oy. Apparatus for removal of impurity components from sulphidic and metallized molten copper mattes. 4,561,884, 12-31-85, Cl. 75-21.000.

Makise, Masayuki: *See*—
  Yamada, Hisashi; Makise, Masayuki; Katagiri, Tsutomu; and Abe, Kaname, 4,491,553, Cl. 264-51.000.

Makishima, Akio; Nagata, Tatsuya; and Shimohira, Takajiro, to National Institute for Researches in Inorganic Materials. Aluminosilicate glass containing Y_2O_3 concentrate and ZrO_2. 4,530,909, 7-23-85, Cl. 501-73.000.

Makishima, Hideo: *See*—
  Matsushita, Toshihiko; Morishita, Sadao; and Makishima, Hideo, 4,525,428, Cl. 428-488.100.

Makishima, Sadao, to Fuji Jukogyo Kabushiki Kaisha. Infinitely variable belt-drive transmission. 4,529,393, 7-16-85, Cl. 474-13.000.

Makishima, Takao; Inaba, Shigeru; and Wada, Yasuyoshi, to Sunstar Kabushiki Kaisha. Portable toothpick case. 4,518,099, 5-21-85, Cl. 221-30.000.

Makishima, Tatsuo: *See*—
  Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.

Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; and Takahashi, Toshio, to Shionogi & Co., Ltd. Propynylaminothiazole derivatives. 4,535,088, 8-13-85, Cl. 514-370.000.

Makita Electric Works, Ltd.: *See*—
  Fushiya, Fusao; and Miyamoto, Kazuyuki, 4,503,736, Cl. 81-55.000.
  Fushiya, Fusao; and Iwatuki, Takao, 4,504,769, Cl. 318-345.00H.
  Fushiya, Fusao; Inoue, Nobuhiro; and Saito, Setsuo, 4,527,380, Cl. 56-12.800.

Makita, Fujio, to Fuji Jukogyo Kabushiki Kaisha. System to detect slippage of a clutch for an internal combustion engine. 4,499,450, 2-12-85, Cl. 340-52.00R.

Makita, Fujio, to Fuji Jukogyo Kabushiki Kaisha. System for preventing the overheat of a clutch for an internal combustion engine. 4,502,579, 3-5-85, Cl. 192-0.052.

Makita, Fujio, to Fuji Jukogyo Kabushiki Kaisha. System for controlling a power transmission of a four-wheel drive vehicle. 4,511,014, 4-16-85, Cl. 180-233.000.

Makita, Hiroyuki, to Koito Manufacturing Company Limited. Self-locking nut for adjustable headlamp assembly. 4,503,486, 3-5-85, Cl. 362-61.000.

Makita, Mitsuyasu: *See*—
  Shinjo, Goro; Makita, Mitsuyasu; and Tsuda, Shigenori, 4,562,062, Cl. 424-45.000.

Makita, Muneharu; Oseto, Osamu; and Munemitsu, Toshiaki, to Arakawa Kagaku Kogyo Kabushiki Kaisha. Electrophotographic toner composition. 4,507,376, 3-26-85, Cl. 430-109.000.

Makitalo, Seppo; and Manttari, Erkki, to Valmet Oy. Axle construction for the traction wheels of a vehicle. 4,502,559, 3-5-85, Cl. 180-75.000.

Makitalo, Valto J.: *See*—
  Hultholm, Stig-Erik; Lilja, Launo L.; Makitalo, Valto J.; and Nyman, Bror G., 4,548,765, Cl. 261-93.000.

Makiyo, Minoru: *See*—
  Nakamura, Koichi; Ishibashi, Masashi; Kameda, Hideki; and Makiyo, Minoru, 4,555,422, Cl. 428-36.000.

Makkink, Andrew E. Administering of agricultural chemicals in liquid form. 4,495,875, 1-29-85, Cl. 111-7.000.

Makleit, Sandor: *See*—
  Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.

Makley, James A., to Monarch Marking Systems, Inc. Printing apparatus. 4,549,483, 10-29-85, Cl. 101-45.000.

Makley, James A.: *See*—
  Hamisch, Paul H., Jr.; and Makley, James A., 4,498,947, Cl. 156-384.000.

Mako, John, to International Business Machines Corporation. Print hammer firing compensation circuit for printer velocity variation. 4,527,920, 7-9-85, Cl. 400-146.000.

Mako-Tek Corporation, The: *See*—
  Alverth, Ronald W.; and Schumacher, Thomas H., 4,512,564, Cl. 271-274.000.

Makofka, Stanley J.: *See*—
  Ehrhart, Philip J.; Makofka, Stanley J.; and McLean, Kenneth W., 4,531,349, Cl. 56-13.600.

Makogon, Anatoly I.: *See*—
  Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.

Makosch, Gunter; and Schedewie, Franz, to International Business Machines Corporation. Method and means for interferometric surface topography. 4,498,771, 2-12-85, Cl. 356-351.000.

Makosch, Gunter: *See*—
  Hausler, Gerd; Jarisch, Walter; and Makosch, Gunter, 4,541,720, Cl. 356-345.000.

Makota, Hirano: *See*—
  Honda, Shoichi; Nakano, Yoshikatsu; Makota, Hirano; and Matsuura, Masaaki, 4,523,550, Cl. 123-90.160.

Makovic, Edward M. Air warming device to facilitate breathing. 4,492,228, 1-8-85, Cl. 128-204.170.

Makovich, Joseph J. Method and apparatus for injecting medication into a body through a tooth. 4,523,910, 6-18-85, Cl. 433-80.000.

Makowka, Claus D.: *See—*

Dove, Derek B.; Makowka, Claus D.; and Street, Ramon L., 4,557,616, Cl. 400-120.000.

Makowski, Lawrence A.: *See—*

Drotar, Frederick L.; Wotton, David R.; Dickerson, Carroll D.; and Makowski, Lawrence A., 4,509,772, Cl. 280-661.000.

Makris, James S.: *See—*

Goth, George R.; Hansen, Thomas A.; and Makris, James S., 4,549,927, Cl. 156-643.000.

Makrotalo Oy: *See—*

Miettinen, Jorma K.; and Virtanen, Eero J., 4,518,550, Cl. 264-46.500.

Maksay, Gabor: *See—*

Kardos, Julianna; Maksay, Gabor; and Simonyi, Miklos, 4,528,131, Cl. 260-112.00R.

Makusij, Andrew J.: *See—*

Field, Martin J.; Makusij, Andrew J.; and Rosin, Donald A., 4,505,296, Cl. 137-510.000.

Kessler, David R.; Beiswenger, David W.; and Makusij, Andrew J., 4,503,826, Cl. 123-470.000.

Makuta, Shunichi, to Rhythm Watch Company Limited. Electronic sound generating circuit for generation bell toll. 4,526,478, 7-2-85, Cl. 368-273.000.

Makuta, Yuri, heiress: *See—*

Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased; Wada, Masami, heir; and Makuta, Yuri, heiress, 4,556,286, Cl. 350-335.000.

Mal, Dipakranjan: *See—*

Hauser, Frank M.; and Mal, Dipakranjan, 4,515,720, Cl. 260-351.100.

Hauser, Frank M.; and Mal, Dipakranjan, 4,543,428, Cl. 568-345.000.

Malachowski, Frank, to Alcan Aluminum Corporation. Structural members with interlocked components. 4,542,614, 9-24-85, Cl. 52-586.000.

Malacria, Max: *See—*

Bluthe, Norbert; Gore, Jacques; and Malacria, Max, 4,510,330, Cl. 568-403.000.

Malak, Stephen P., to Spring-Mornne, Inc. Method and apparatus for statically aligning shafts and monitoring shaft alignment. 4,518,855, 5-21-85, Cl. 250-201.000.

Malakhoff, Alexander: *See—*

Higginbotham, Robert R.; and Malakhoff, Alexander, 4,495,809, Cl. 73-432.0SD.

Malakhov, Alexei M.: *See—*

Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.

Malakhov, Evgeny I.: *See—*

Aspiotis, Evgeny K.; Vitjuk, Boris Y.; Malakhov, Evgeny I.; Danshin, Boris V.; Sokolov, Vladimir A.; Sidorov, Anatoly S.; and Volkov, Leonid V., 4,556,847, Cl. 324-307.000.

Malakhova, Nadezhda N.: *See—*

Lykov, Mikhail V.; Lembrikov, Vladimir M.; Golovkina, Svetlana I.; Malakhova, Nadezhda N.; Sterlin, Vladimir N.; Kochetkov, Viktor N.; and Markovin, Gennady M., 4,505,733, Cl. 71-34.000.

Malametz, Arnold: *See—*

Peters, Rex B.; Tonn, Jeffrey F.; Malametz, Arnold; Hilliker, Richard A.; and Corey, Victor B., 4,517,841, Cl. 73-517.0AV.

Malanaphy, Richard H.: *See—*

Adleman, Larry G.; and Malanaphy, Richard H., 4,543,722, Cl. 30-360.000.

Malandain, Michel: *See—*

Brancq, Bernard; and Malandain, Michel, 4,513,019, Cl. 427-3.000.

Malaney, Frank E., to Chicopee. Microfine fiber laminate. 4,508,113, 4-2-85, Cl. 128-132.00D.

Malani, Shrikant R.: *See—*

Roggeman, David M.; Malani, Shrikant R.; and Kang, Jung W., 4,501,866, Cl. 526-133.000.

Malard, Marcel: *See—*

Huignard, Jean-Pierre; and Malard, Marcel, 4,520,484, Cl. 372-24.000.

Malaspina, Alex: *See—*

Paisley, Gary V.; and Malaspina, Alex, 4,507,405, Cl. 521-84.100.

Paisley, Gary V.; and Malaspina, Alex, 4,522,856, Cl. 428-64.000.

Malaval, Alain: *See—*

Jacquet, Bernard; Lang, Gerard; Malaval, Alain; Forestier, Serge; and Le Trung, Do, 4,517,174, Cl. 424-62.000.

Jacquet, Bernard; Lang, Gerard; and Malaval, Alain, 4,522,808, Cl. 424-59.000.

Lang, Gerard; and Malaval, Alain, 4,504,644, Cl. 527-201.000.

Malaval, Claude, to Novatome. Annular slab for closing the vessel of a fast neutron nuclear reactor. 4,534,140, 8-13-85, Cl. 52-21.000.

Malaval, Claude, to Novatome. Device for producing steam by heat exchange between a heat-transfer liquid metal and feed water. 4,552,210, 11-12-85, Cl. 165-134.100.

Malaval, Paul C.: *See—*

Ramisse, Yves D.; Baboulet, Jean-Pierre C.; Vie, Michel P.; and Malaval, Paul C., 4,536,327, Cl. 252-511.000.

Malaviya, Shashi D.: *See—*

Goth, George R.; and Malaviya, Shashi D., 4,508,579, Cl. 148-175.000.

Lechaton, John S.; Malaviya, Shashi D.; Schepis, Dominic J.; and Srinivasan, Gurumakonda R., 4,502,913, Cl. 156-643.000.

Malay, Manuel R., to Union Carbide Corporation. Low profile seal. 4,539,269, 9-3-85, Cl. 429-54.000.

Malaysian Rubber Producers' Research Association, The: *See—*

Campbell, David S.; Tinker, Andrew J.; and Mente, Peter G., 4,501,860, Cl. 525-359.400.

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Malley, Arthur, to Research Corporation. Timothy grass antigen specific anti-idiotypic antibodies. 4,545,986, 10-8-85, Cl. 424-85.000.

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- collectors and like members for movement together. 4,528,977, 7-16-85, Cl. 126-438.000.
- Mallinckrodt, Inc.: *See—*
  - Bell, Alexis D., 4,556,566, Cl. 426-96.000.
  - Benham, Thomas, 4,554,849, Cl. 83-40.000.
  - Fawzi, Mahdi B., 4,497,744, Cl. 260-429.700.
  - Grogg, Terry W.; Bugaj, Joseph E.; and Bates, Paul E., 4,510,125, Cl. 424-1.100.
  - Inskip, Ervin B., 4,551,551, Cl. 564-430.000.
  - Loncrini, Donald F.; Haag, Thomas E.; and Freebersyser, Steven R., 4,496,576, Cl. 514-389.000.
  - Merrell, Philip H.; and Ellis, Michael F., 4,539,428, Cl. 564-430.000.
  - Meyer, David R., 4,556,567, Cl. 426-96.000.
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  - Mills, Donald F., 4,510,241, Cl. 435-23.000.
  - Patton, Jerry R., 4,532,352, Cl. 564-438.000.
  - Periasamy, Muthunadar P., 4,501,920, Cl. 562-473.000.
  - Van Duzee, Barry F.; and Degenhardt, Charles R., 4,504,462, Cl. 424-1.100.
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- Mallinson, Ronald I., to Mono-Flo Lister Limited. Conduit. 4,516,533, 5-14-85, Cl. 119-72.000.
- Mallion, Andrew J.: *See—*
  - Windsor, Harry M.; and Mallion, Andrew J., 4,497,397, Cl. 192-0.076.
- Mallok, Horst; Brown, Howard; and Iacampo, Marco, to RDC Electronics Inc. Plating rack. 4,540,478, 9-10-85, Cl. 204-297.00W.
- Mallon, Charles B.: *See—*
  - Barth, Bruce P.; and Mallon, Charles B., 4,558,095, Cl. 525-57.000.
- Mallon, Joseph R.: *See—*
  - Kurtz, Anthony D.; Nunn, Timothy A.; and Mallon, Joseph R., 4,510,671, Cl. 29-571.000.
  - Kurtz, Anthony D.; Nunn, Timothy A.; and Mallon, Joseph R., 4,516,430, Cl. 73-727.000.
- Mallon, Joseph R., Jr.: *See—*
  - Kurtz, Anthony D.; and Mallon, Joseph R., Jr., 4,513,623, Cl. 73-721.000.
- Mallon, Richard G.; Walton, Otis R.; Lewis, Arthur E.; and Braun, Robert L., to United States of America, Energy. Combustion heater for oil shale. 4,539,917, 9-10-85, Cl. 110-256.000.
- Mallonen, Edward A.: *See—*
  - Forsell, Kenneth A.; and Mallonen, Edward A., 4,520,244, Cl. 200-67.0DA.
  - Forsell, Kenneth A.; and Mallonen, Edward A., 4,528,539, Cl. 337-49.000.
- Mallory, Henry R., to Duracell Inc. Constant illumination flashlight. 4,499,525, 2-12-85, Cl. 362-157.000.
- Mallow, Peter. Scented tissue-dispensing container. 4,513,862, 4-30-85, Cl. 206-233.000.
- Mallow, William A., to Gas Research Institute. Soil stabilizer and method for stabilizing soil. 4,545,820, 10-8-85, Cl. 106-76.000.
- Malloy, Thomas P.; and Engel, Dusan J., to UOP Inc. 4-vinylbenzeneacetic acid. 4,499,300, 2-12-85, Cl. 562-495.000.
- Malloy, Thomas P.; and Swedo, Raymond J., to UOP Inc. Enhanced oil recovery. 4,501,675, 2-26-85, Cl. 252-8.55D.
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- Malloy, Thomas P.: *See—*
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  - Rohrbach, Ronald P.; Maliarik, Mary J.; and Malloy, Thomas P., 4,511,654, Cl. 435-95.000.
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- Mally, Timothy G., to Oscar Mayer Foods Corporation. Stack forming method and apparatus. 4,529,082, 7-16-85, Cl. 198-434.000.
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- Malm, John A. Liquid metal switch apparatus. 4,510,356, 4-9-85, Cl. 200-48.00R.
- Malmberg, Paul R.: *See—*
  - Kun, Zoltan K.; and Malmberg, Paul R., 4,535,341, Cl. 346-107.00R.
- Malmin, Oscar. Hair replacement apparatus. 4,491,134, 1-1-85, Cl. 128-330.000.
- Malminen, Henrikki: *See—*
  - Poutiainen, Heikki; and Malminen, Henrikki, 4,545,223, Cl. 70-38.00A.
- Malmkvist, Hans G.: *See—*
  - Schmidt, Henning M.; Malmkvist, Hans G.; Aksberg, Arvi J.; and Johansson, Jan H., 4,542,264, Cl. 179-111.00E.
- Malmquist, Alfred B.: *See—*
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- Malmquist, Jerome A.; and Reidt, Dean K., to Minnesota Mining and Manufacturing Company. Electrical connector locator plate. 4,533,129, 8-6-85, Cl. 269-207.000.
- Malmstrom, Herbert A.; and Roddiger, Henry A., to Engineered Air Systems, Inc. Protective shelter flow control apparatus. 4,558,636, 12-17-85, Cl. 98-39.100.
- Malnati, Maria L.: *See—*
  - Bernardi, Luigi; Lazzari, Ettore; Malnati, Maria L.; Mazzini, Giuseppe; Pegrassi, Lorenzo; and Rossi, Alessandro, 4,558,049, Cl. 514-234.000.
- Maloblocki, Richard, to Ametc Development Company. Ball-type check valve. 4,501,292, 2-26-85, Cl. 137-533.110.
- Malof, A. Paul. Cutting tool insert assembly for shears. 4,494,428, 1-22-85, Cl. 83-389.000.
- Malon, Raymond F.; and Zampini, Anthony, to Monsanto Company. Cross-linked polyarylene oxide membranes. 4,530,703, 7-23-85, Cl. 55-16.000.
- Malone, Bradley P.: *See—*
  - Settineri, William J.; Charles, John G.; Hinkel, Jerald J.; and Malone, Bradley P., 4,536,222, Cl. 134-5.000.
- Malone, Charles: *See—*
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- Malone, Dennis M., to Combustion Engineering, Inc. Submerged scraper conveyor automatic speed control. 4,533,856, 8-6-85, Cl. 318-6.000.
- Malone, Edgar W., to Reynolds Industries Inc. Low-inductance capacitor. 4,502,096, 2-26-85, Cl. 361-308.000.
- Malone, Edgar W., to Reynolds Industries Inc. Capacitor discharge apparatus. 4,517,497, 5-14-85, Cl. 315-241.00R.
- Malone, Edgar W., to Reynolds Industries Inc. Spark gap device. 4,538,088, 8-27-85, Cl. 313-325.000.
- Malone, Frank L.: *See—*
  - Gupta, Alankar; Jenny, Robert W.; and Malone, Frank L., 4,506,851, Cl. 244-129.100.
- Malone, Harold H. Time card blotter. 4,502,712, 3-5-85, Cl. 282-22.00A.
- Malone, Harold H. General journal form. 4,533,160, 8-6-85, Cl. 282-23.00R.
- Malone, Thomas J., to Nutri-Developers, Inc. Apparatus for preparing feed grain. 4,508,029, 4-2-85, Cl. 99-516.000.
- Maloney, David G.: *See—*
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- Maloney, David L.: *See—*
  - Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., 4,532,194, Cl. 429-99.000.
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- Maloney, James E.: *See—*
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- Maloney, Timothy J., to One Design, Inc. Solar heating module. 4,545,364, 10-8-85, Cl. 126-430.000.
- Malott, Roger J.: *See—*
  - Jovick, Raymond J.; Malott, Roger J.; and Evans, Thomas E., 4,510,408, Cl. 310-168.000.
- Malovik, Vladlen V.: *See—*
  - Golik, Georgy A.; Demchenko, Yaroslav P.; Lozinsky, Miron O.; Malovik, Vladlen V.; and Semeny, Valery Y., 4,557,754, Cl. 71-98.000.
- Malow, Egon: *See—*
  - Heck, Gunter; Lienerth, Aladar; Malow, Egon; Schwarz, Karl-Heinz; and Faust, Uwe, 4,511,437, Cl. 203-19.000.
- Maloy, Joseph T.; Leonard, John F.; and Fritts, David H., to United States of America, Air Force. Inert atmosphere transfer vessel. 4,546,897, 10-15-85, Cl. 220-277.000.
- Malpass, Dennis B., to Exxon Research & Engineering Co. Long chain branching in polyolefins from ziegler-natta catalysts. 4,500,648, 2-19-85, Cl. 502-115.000.
- Malpass, Dennis B.; and Webb, Dale W., to Texas Alkyls, Inc. Organomagnesium solutions of low viscosity. 4,547,477, 10-15-85, Cl. 502-153.000.
- Malphrus, Manley L. Fishing lure. 4,516,350, 5-14-85, Cl. 43-17.600.
- Malskeit, Alfred: *See—*
  - Szonn, Bodo; Schafer, Karl; and Malskeit, Alfred, 4,522,853, Cl. 428-40.000.
- Maltby, Frederick L.; Loewenstern, Kenneth M.; and Benning, Jack G., Jr., to Drexelbrook Controls, Inc. Two layer probe. 4,511,948, 4-16-85, Cl. 361-280.000.
- Malten, Albrecht: *See—*
  - Pietzarka, Wilhelm F.; Malten, Albrecht; and Strauss, Georg, 4,508,666, Cl. 264-12.000.
- Malthouse, Martin D.; and Groeger, Heinz K., to Associated Packaging Equipment Corp. Ltd. Labelling equipment. 4,526,645, 7-2-85, Cl. 156-350.000.
- Malthouse, Martin D. Labelling machine. 4,561,928, 12-31-85, Cl. 156-497.000.
- Maltsev, Jury S.; Shevchenko, Viktor D.; and Chernin, Mikhail M. Squaring device with cooling means. 4,509,134, 4-2-85, Cl. 364-813.000.
- Maltz, Dean I. Inflatable support arrangement. 4,504,989, 3-19-85, Cl. 5-455.000.
- Maltz, Javier E., to Etablissement Texcontor. Non-absorbable compounds of mucolytic activity, the process for their preparation, and therapeutic compositions which contain them as active principle. 4,559,322, 12-17-85, Cl. 514-8.000.
- Malueg, Richard M. Stabilization system for soft-mounted platform. 4,498,038, 2-5-85, Cl. 318-648.000.

Malvern Scale Company: *See—*

Stuart, James M., 4,519,464, Cl. 177-244.000.

Stuart, James M., 4,524,840, Cl. 177-210.00C.

Stuart, James M., 4,544,043, Cl. 177-194.000.

Stuart, James M., 4,561,511, Cl. 177-225.000.

Maly, Neil A.: *See—*

Hsu, Wen-Liang; Maly, Neil A.; Matrana, Barry A.; Strozier, Robert W.; and Wideman, Lawson G., 4,524,233, Cl. 585-606.000.

Maly, Zdenek, to Swiss Aluminium Ltd. Process for continuous pretreatment by electrochemical oxidation of strip or foil of aluminum. 4,534,834, 8-13-85, Cl. 204-28.000.

Malyshev, Vitaly P.: *See—*

Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.

Malzkorn, Matthias, to Scharmann GmbH & Co. Horizontal drilling and milling machine. 4,552,495, 11-12-85, Cl. 409-136.000.

Mama, Fumio: *See—*

Hashimoto, Mitsuo; Watanabe, Yasuo; Mama, Fumio; and Odan, Akinori, 4,559,007, Cl. 431-4.000.

Mama, Shinichi: *See—*

Iwasawa, Hiroshi; Numata, Masanori; and Mama, Shinichi, 4,516,138, Cl. 346-80.000.

Mamach, Harry E., to Vapor Corporation. Spindle door operator. 4,490,941, 1-1-85, Cl. 49-28.000.

Mamantov, Charmaine B.: *See—*

Mamantov, Gleb; and Mamantov, Charmaine B., 4,493,784, Cl. 252-182.000.

Mamantov, Gleb; and Mamantov, Charmaine B., to Atlantic Richfield Company. Dehydration of aluminum chloride hexahydrate. 4,493,784, 1-15-85, Cl. 252-182.000.

Mamantov, Gleb, to University of Tennessee Research Corporation. Sodium-tetravalent sulfur molten chloroaluminate cell. 4,508,795, 4-2-85, Cl. 429-103.000.

Mamatsashvili, Vazha I.: *See—*

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Mambelli, Giancarlo, to Montomec s.r.l. Multipurpose externally controlled device. 4,545,450, 10-8-85, Cl. 180-53.100.

Mambelli, Giancarlo, to Motomec s.r.l. Light motorbike with takeoff for powering separate devices. 4,560,020, 12-24-85, Cl. 180-53.100.

Mamedov, Bakhtiyar M. R. O.: *See—*

Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.

Mamei, Masayuki: *See—*

Yoshino, Tadashi; and Mamei, Masayuki, 4,497,459, Cl. 242-186.000.

Yoshino, Tadashi; and Mamei, Masayuki, 4,516,740, Cl. 242-203.000.

Mammel, Lewis H.; and Shakespeare, Walter J., to AT&T Bell Laboratories. Air cleaner. 4,534,776, 8-13-85, Cl. 55-136.000.

Mammino, Joseph; Sypula, Donald S.; Abramsohn, Dennis A.; Abkowitz, Martin A.; and Scharfe, Merlin E., to Xerox Corporation. Overcoated electrophotographic imaging system. 4,515,882, 5-7-85, Cl. 430-58.000.

Mammino, Joseph: *See—*

Ong, Beng S.; Keoshkerian, Barkev; Murti, Dasarao K.; and Mammino, Joseph, 4,562,132, Cl. 430-59.000.

Mampaey, Jozef L.: *See—*

Vackier, Leo N.; Mampaey, Jozef L.; and Alaerts, Leo B., 4,492,177, Cl. 118-651.000.

Man Barrier Corporation: *See—*

Mainiero, Joseph J.; Mainiero, Michael R.; and Stanley, Arthur T., 4,503,423, Cl. 340-552.000.

Man Design Co., Ltd.: *See—*

Hasegawa, Tsuneo, 4,522,197, Cl. 128-26.000.

MAN Maschinenfabrik Unternehmensbereich GHH Sterkrade: *See—*

Blotenberg, Wilfried, 4,560,319, Cl. 415-1.000.

Man-Mor Industries, Inc.: *See—*

Manning, Joseph H., 4,538,786, Cl. 248-544.000.

Manabe, Akira: *See—*

Ai, Minoru; Manabe, Akira; Igarashi, Yoshimasa; and Mizuno, Katsuya, 4,493,644, Cl. 433-75.000.

Manabe, Hofumi: *See—*

Sakagami, Yoshio; and Manabe, Hofumi, 4,524,026, Cl. 260-112.00B.

Manabe, Katsuhide; and Tsutsui, Masatoshi, to Toyoda Gosei Kabushiki Kaisha. Colored resinous articles with concealed metallic luster. 4,551,387, 11-5-85, Cl. 428-336.000.

Manabe, Masatoshi; and Miyake, Toshio, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo. Process for producing pectin jelly. 4,496,603, 1-29-85, Cl. 426-577.000.

Manabe, Nobuyuki; and Goto, Takahiro, to Taiho Industries Co. Ltd.; and O.P.E. Co. Ltd. Apparatus for disposal of sludge in a floating roof type oil tank. 4,515,312, 5-7-85, Cl. 239-227.000.

Manabe, Osamu: *See—*

Morita, Yukichi; Ono, Koji; Ogata, Eiji; and Manabe, Osamu, 4,558,161, Cl. 568-34.000.

Manabe, Sakae, to AMP Incorporated. Electrical connector. 4,537,462, 8-27-85, Cl. 339-259.00R.

Manabe, Seiichi: *See—*

Kuriki, Tomio; and Manabe, Seiichi, 4,508,674, Cl. 264-234.000.

Manabe, Shunichi: *See—*

Hattori, Masaichi; Hara, Shigeo; and Manabe, Shunichi, 4,540,965, Cl. 335-259.000.

Manabe, Sugio, to Olympus Optical Co., Ltd. Method of analyzing chemical substances. 4,539,296, 9-3-85, Cl. 436-47.000.

Manabe, Sugio, to Olympus Optical Co., Ltd. Chemical analyzing apparatus. 4,540,549, 9-10-85, Cl. 422-64.000.

Manabe, Sugio: *See—*

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, 4,517,160, Cl. 422-65.000.

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, 4,558,946, Cl. 356-73.000.

Sakurada, Masahiko; Manabe, Sugio; Okamura, Hideaki; and Gocho, Nagahiro, 4,536,369, Cl. 422-65.000.

Management Assistance, Inc.: *See—*

Denny, Alan, 4,544,217, Cl. 339-17.00M.

Manago, Takashi: *See—*

Okane, Kohji; Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; and Manago, Takashi, 4,541,617, Cl. 266-65.000.

Manahan, Edward H.: *See—*

Masilamani, Divakaran; and Manahan, Edward H., 4,510,321, Cl. 562-421.000.

Manaka, Masao: *See—*

Ichikawa, Tomohiko; Sugiyama, Takao; and Manaka, Masao, 4,541,441, Cl. 130-27.00T.

Manaka, Toshio: *See—*

Atago, Takeshi; and Manaka, Toshio, 4,510,907, Cl. 123-435.000.

Manassero, Giorgio: *See—*

Pera, Luciano; Boggero, Armando; Manassero, Giorgio; and Gay, Paolo, 4,491,383, Cl. 350-66.000.

Manatt, Scott A., to Garrett Corporation, The. Air oxygen and nitrogen concentration device. 4,508,548, 4-2-85, Cl. 55-158.000.

Manatt, Scott A., to Garrett Corporation, The. Fuel tank inerting system. 4,556,180, 12-3-85, Cl. 244-135.00R.

Manatt, Scott A.: *See—*

McDonald, George H.; and Manatt, Scott A., 4,560,394, Cl. 55-16.000.

Manceau, Jean-Pierre: *See—*

Canet, Roland; Delhaes, Pierre; Dupart, Eliane; Pacault, Adolphe; Pascal, Claude; and Manceau, Jean-Pierre, 4,535,317, Cl. 338-36.000.

Mancha, Clayton S. Pocket "E"-ring installation tool. 4,553,300, 11-19-85, Cl. 29-235.000.

Manchak, Frank. Processing radioactive wastes and uranium mill tailings for safe ecologically-acceptable disposal. 4,528,129, 7-9-85, Cl. 252-628.000.

Manchem Limited: *See—*

Holland, Frank S.; Womersley, Peter; and Curran, John, 4,510,095, Cl. 260-429.700.

Manchester, Donald F.: *See—*

Zajic, James E.; Hill, Martha A.; Manchester, Donald F.; and Muzika, Karel, 4,559,305, Cl. 435-243.000.

Manchester R & D Partnership: *See—*

Fergason, James L., 4,556,289, Cl. 350-350.00R.

Mancillas, Monica M. Electric steam generating hair curling iron and method of use thereof. 4,503,317, 3-5-85, Cl. 219-225.000.

Mancinelli, Anthony R.: *See—*

Mancinelli, Ralph A.; and Mancinelli, Anthony R., 4,503,628, Cl. 36-58.600.

Mancinelli, Paul A., to Atlantic Richfield Company. Acrylates as coupling agents for star-block copolymers. 4,503,188, 3-5-85, Cl. 525-98.000.

Mancinelli, Paul A., to Atlantic Richfield Company. Terminally functional polymers. 4,543,395, 9-24-85, Cl. 525-332.400.

Mancinelli, Paul A., to Atlantic Richfield Company. Process for making terminally functional polymers. 4,544,711, 10-1-85, Cl. 525-348.000.

Mancinelli, Ralph A.; and Mancinelli, Anthony R. Shoe insert. 4,503,628, 3-12-85, Cl. 36-58.600.

Mancini, Paolo; Taddei, Alessandro; Macerata, Alberto; and Marchesi, Carlo, to Remco Italia S.p.A. Device for displaying electrical signals of the periodic and/or synchronizable type. 4,537,202, 8-27-85, Cl. 128-712.000.

Manciocchi, William D., Jr., to Manciocchi, William D., Jr.; Allison, Lawrence S.; Griffin, Robert F., Jr.; and Hall, Steven J. Antiseptic toothpick. 4,509,541, 4-9-85, Cl. 132-90.000.

Mancuso, Paul, to Fiberlux, Inc. Vinyl tilt window assembly. 4,555,868, 12-3-85, Cl. 49-181.000.

Manda, Toshitaka: *See—*

Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.

Mandai, Harufumi; Iwai, Kiyoshi; and Naito, Yasuyuki, to Murata Manufacturing Co., Ltd. Reduction reoxidation type semiconductor ceramic condenser. 4,533,931, 8-6-85, Cl. 357-10.000.

Mandai, Harufumi; and Tomono, Kunisaburo, to Murata Manufacturing Co., Ltd. Chip-type inductor. 4,543,553, 9-24-85, Cl. 336-83.000.

Mande, Irving; Right, Robert W.; and Killian, George W., to General Signal Corporation. Supervisory and control circuit for alarm system. 4,506,253, 3-19-85, Cl. 340-506.000.

Mande, Irving: *See—*

Right, Robert W.; and Mande, Irving, 4,506,254, Cl. 340-510.000.

Mandeberg, Richard D., to Research and Development Institute for Infosystems, Inc. Method and apparatus for standardizing nonstandard video signals. 4,500,908, 2-19-85, Cl. 358-11.000.

Mandel, Alan F.: *See—*

Moore, William H.; Mandel, Alan F.; Trosky, William J.; Eichler, Kenneth M.; Tomas, Stephen P.; Tober, Edward; and Vasold, Thomas A., 4,512,442, Cl. 187-29.00R.

Mandel, Frederick S.: *See—*

Lorenc, Walter F.; Kelly, John A.; and Mandel, Frederick S., 4,545,920, Cl. 252-180.000.

Mandel, Goetz, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Method of manufacturing a pressure tank. 4,544,428, 10-1-85, Cl. 156-161.000.

Mandel, Nathan: *See—*

Castellano, Thomas P.; and Mandel, Nathan, 4,553,468, Cl. 89-140.000

Mandel, Sheldon W., to Magic Chef, Inc. Electrostatic and moisture control system for automatic clothes dryers. 4,519,145, 5-28-85, Cl. 34-27.000.

Mandell, John F.: *See—*

Agrawal, Purushottam D.; and Mandell, John F., 4,497,855, Cl. 428-35.000.

Mander, Michael G.: *See—*

Boyd, Malcolm W.; and Mander, Michael G., 4,520,940, Cl. 220-68.000.

Manderino, George L.; and Suarez, Adoracion F., to Abbott Laboratories. Immunoassay of terminal deoxynucleotidyl transferase. 4,515,890, 5-7-85, Cl. 435-7.000.

Manderla, Henry J., to Anthes Equipment Limited. Truss shoring system and apparatus therefor. 4,492,358, 1-8-85, Cl. 249-18.000.

Manderla, Henry J., to Anthes Equipment Limited. Shoring system. 4,514,940, 5-7-85, Cl. 52-126.100.

Manders, Petrus G. J., to Ruti-te Strake B.V. Method for conveying a flexible thread by means of pressurized gas. 4,550,752, 11-5-85, Cl. 139-435.000.

Manderscheid, Phillip H., to Hughes Tool Company. Liner hanger with channel guides. 4,523,641, 6-18-85, Cl. 166-208.000.

Manderscheid, Phillip H., to Hughes Tool Company. High temperature well packer. 4,548,264, 10-22-85, Cl. 166-139.000.

Manderson, Laurence, to Manderson, Susan V. Method of manufacturing transformer cores. 4,557,039, 12-10-85, Cl. 29-605.000.

Manderson, Susan V.: *See—*

Manderson, Laurence, 4,557,039, Cl. 29-605.000.

Mandersson, Bengt: *See—*

Salomonsson, Goran; Borjesson, Per O.; Mandersson, Bengt; Holmer, Nils-Gunnar; and Lindstrom, Kjell, 4,520,670, Cl. 73-602.000.

Mandet, Gerard M. F.: *See—*

Glowacki, Pierre A.; and Mandet, Gerard M. F., 4,522,562, Cl. 416-95.000.

Mandeville, Paul J.: *See—*

MacLeod, Roderick B.; and Mandeville, Paul J., 4,558,537, Cl. 51-66.000.

Mandigo, Frank N.: *See—*

Shapiro, Eugene; and Mandigo, Frank N., 4,511,410, Cl. 148-13.200.

Mandl, Gerhard: *See—*

Weber, Kurt; Mondini, Giancarlo; and Mandl, Gerhard, 4,519,821, Cl. 55-290.000.

Mandl, Joseph P., to Medex, Inc. Pressure infusor. 4,551,136, 11-5-85, Cl. 604-141.000.

Mandler, John J., Jr.: *See—*

Epstein, Paul; Ballas, John S., Jr.; Mandler, John J., Jr.; and Van Horn, Joseph M., 4,519,396, Cl. 128-698.000.

Mandler, Walter: *See—*

Bletz, Walter; Machmerth, Herbert; and Mandler, Walter, 4,541,700, Cl. 354-286.000.

Mandon, Jean-Pierre, to Airwick Industries, Inc. Dispenser for air treating material. 4,505,429, 3-19-85, Cl. 239-56.000.

Mandozzi, Aldo, to Azypatent AG. Mechanism for direct transmission of feed movements to the operating units of an automatic machine with revolving table. 4,496,038, 1-29-85, Cl. 198-339.000.

Mandrin, Charles, to Sulzer Brothers Limited. Method and plant for obtaining deuterium-enriched water. 4,504,460, 3-12-85, Cl. 423-580.000.

Mandzsu, Jozsef: *See—*

Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, 4,528,932, Cl. 116-204.000.

Manecke, Georg; and Klussmann, Udo, to Schering Aktiengesellschaft. Polymer containing biocatalyst. 4,546,078, 10-8-85, Cl. 435-52.000.

Manecke, Kurt A., to Brown & Williamson Tobacco Corporation. Method of making filter for a cigarette product. 4,514,180, 4-30-85, Cl. 493-41.000.

Manecke, Siegfried E., to Robertshaw Controls Company. Mounting arrangement for a condition sensing probe and method of making the same. 4,491,680, 1-1-85, Cl. 136-230.000.

Maneke, Siegfried: *See—*

Feldkamper, Richard; Maneke, Siegfried; and Philipp, Bernhard, 4,542,894, Cl. 271-11.000.

Manenkov, Jury A.: *See—*

Fomin, Viktor I.; Guzenko, Stanislav I.; Egai, Mikhail N.; and Manenkov, Jury A., 4,545,042, Cl. 367-189.000.

Manes, Kenneth: *See—*

Baer, James R.; Manes, Kenneth; and Lunka, Harold, 4,545,045, Cl. 369-77.200.

Manes, Kenneth L.; and Hart, William D., to Storage Technology Partners II. Printed circuit card air cooling system. 4,502,099, 2-26-85, Cl. 361-383.000.

Manes, Michael R., to Aspen Laboratories, Inc. Automatic tourniquet. 4,548,198, 10-22-85, Cl. 128-327.000.

Manes, Michael R.: *See—*

Birmingham, Michael J.; and Manes, Michael R., 4,520,819, Cl. 128-327.000.

Kitchin, Dwight W.; and Manes, Michael R., 4,520,820, Cl. 128-327.000.

Manetti, Virgilio: *See—*

Drisaldi, Giovanni; Fontana, Eugenio; Manetti, Virgilio; Segu, Franco; Segu, Sandro; and Segu, Bruno, 4,523,908, Cl. 433-8.000.

Manfred, Langer: *See—*

Schalke, Peter; Manfred, Langer; and Huthmacher, Klaus, 4,542,240, Cl. 564-232.000.

Manfredi, Amedea: *See—*

Maiorana, Stefano; Brocchetti, Diego G.; Piacenza, Giuseppe; and Manfredi, Amedea, 4,547,495, Cl. 514-211.000.

Manfredi, John A. Portable dental kit. 4,527,574, 7-9-85, Cl. 132-84.00B.

Manfredi, Oscar: *See—*

Rueff, Herbert; and Manfredi, Oscar, 4,558,555, Cl. 53-493.000.

Manfredonia, Abe J.: *See—*

Inglett, Wilfred L., Jr.; Ashley, Walter M., Jr.; and Manfredonia, Abe J., 4,537,015, Cl. 53-386.000.

Mangan, Denis. Clip and arrangement for flush fitting of windows. 4,531,335, 7-30-85, Cl. 52-208.000.

Mangano, Mary G. Adjustable bookmark for paperback and hard cover books. 4,505,219, 3-19-85, Cl. 116-234.000.

Mangaraj, Duryodhan: *See—*

Senapati, Nagabhusan; and Mangaraj, Duryodhan, 4,548,771, Cl. 264-23.000.

Mangel, Walter F.; Leytus, Stephen; and Melhado, L. Lee, to University Patents, Inc. Rhodamine derivatives as fluorogenic substrates for proteinases. 4,557,862, 12-10-85, Cl. 260-112.00R.

Mangels, John A.; and Dickie, Ray A., to Ford Motor Company. Method of reducing the green density of a slip cast article. 4,562,041, 12-31-85, Cl. 419-40.000.

Mangelschots, Benedikt: *See—*

Van Deyck, Frans; Weiss, Franz-Josef; Verberckt, Roger; Thomas, Erwin; Mangelschots, Benedikt; and Pijl, Paul, 4,507,271, Cl. 423-387.000.

Manges, David R., to United States of America, National Aeronautics and Space Administration. Rotatable electric cable connecting system. 4,542,858, 9-24-85, Cl. 242-54.00R.

Mangeym, Gennady: *See—*

Guzik, Nahum; and Mangeym, Gennady, 4,516,060, Cl. 318-341.000.

Manghisi, Elso; and Cascio, Giuseppe, to Istituto Luso Farmaco D'Italia s.p.a. Process for the optical resolution of the dl-α-hydroxy-3-(4-methoxyphenyl)-3-(2-aminophenylthio)propionic acid. 4,533,748, 8-6-85, Cl. 562-401.000.

Mangia, Alberto: *See—*

Giobbio, Vincenzo; Ornato, Giorgio; Buracchi, Livio; and Mangia, Alberto, 4,526,985, Cl. 549-253.000.

Mangione, Joseph F.: *See—*

Schneider, John R.; and Mangione, Joseph F., 4,495,071, Cl. 210-230.000.

Mangogna, Joseph V. Mold for the manufacture of shoe soles. 4,556,191, 12-3-85, Cl. 249-119.000.

Mangold, Dietrich: *See—*

Richarz, Winfried; Mangold, Dietrich; and Girgensohn, Bjoern, 4,491,672, Cl. 564-271.000.

Mangold, Hans; Eckert, Hans; and Schonborn, Jurgen, to Grundig E.M.V. Television set. 4,525,746, 6-25-85, Cl. 358-254.000.

Mangold, Hans: *See—*

Klein, Walter; and Mangold, Hans, 4,528,597, Cl. 358-254.000.

Mangold, Helmut K.: *See—*

Muramatsu, Toshio; Totani, Nagao; and Mangold, Helmut K., 4,517,297, Cl. 435-128.000.

Mangone, Pascuale, to Domingo Mangone. Battery cap with electrolyte level indicator. 4,562,127, 12-31-85, Cl. 429-89.000.

Mangulis, Visvaldis, to RCA Corporation. System and method employing two hop spread spectrum signal transmissions between small earth stations via a satellite and a large earth station and structure and method for synchronizing such transmissions. 4,532,635, 7-30-85, Cl. 375-1.000.

Mangus, Ervin E.: *See—*

Riediger, Craig W.; Mangus, Ervin E.; Simmons, Gerald P.; and Knock, Anthony J., 4,541,497, Cl. 180-6.480.

Manhart, Michael. Snow gun. 4,491,273, 1-1-85, Cl. 239-14.000.

Manhattan Engineering Company, Inc.: *See—*

Veale, John R., 4,491,776, Cl. 318-561.000.

Veale, John R., 4,546,299, Cl. 318-608.000.

Manheimer, Wallace; and Levush, Baruch, to United States of America, Navy. Quasi-optical harmonic gyrotron and gyroklystron. 4,559,475, 12-17-85, Cl. 315-4.000.

Manheimer, Wallace M.; Ott, Edward; and Bondeson, Anders, to United States of America, Navy. Quasioptical gyroklystron. 4,491,765, 1-1-85, Cl. 315-4.000.

Manheimer, Wallace M.; and Winsor, Niels K., to United States of America, Navy. Tokamak plasma heating with intense, pulsed ion beams. 4,548,782, 10-22-85, Cl. 376-127.000.

- **Manhoff, Louis J., Jr.** Screw holding device. 4,526,072, 7-2-85, Cl. 81-451.000.
- **Mani, Inder,** to Dow Chemical Company, The. Styrene-acrylic latex containing a hetero-unsaturated monomer and paper-coating compositions produced therefrom. 4,521,494, 6-4-85, Cl. 428-514.000.
- **Mani, Inder; and Gunderman, Glen L.,** to Dow Chemical Company, The. Thermoplastic polyelectrolyte complexes. 4,539,373, 9-3-85, Cl. 525-203.000.
- **Mani, Krishnamurthy N.; and Chlanda, Frederick P.,** to Allied Corporation. Electrodialytic water splitting process and apparatus for conversion of alkali metal sulfate values derived from spent rayon spin baths. 4,504,373, 3-12-85, Cl. 204-180.00P.
- **Mani, Krishnamurthy N.:** *See—*
  - Chlanda, Frederick P.; and Mani, Krishnamurthy N., 4,536,269, Cl. 204-182.400.
- **Mania, Max J.:** *See—*
  - Schmidts, Kurt; Feyh, Hans-Otto; and Mania, Max J., 4,560,114, Cl. 242-71.800.
- **Manikian, Victor; and McDonald, Giles N.,** to Atlantic Richfield Company. Process for prevention of ice buildup and reduction of ice forces on structures during breakup. 4,498,808, 2-12-85, Cl. 405-61.000.
- **Manin, Michel,** to Compagnie Generale de Geophysique. Method and device for initiating an underwater implosive seismic source. 4,508,191, 4-2-85, Cl. 181-107.000.
- **Maninger, Loren L.:** *See—*
  - Collins, Floyd K.; Hovey, Frederick A ; and Maninger, Loren L., 4,546,287, Cl. 313-414.000.
- **Manini, Enrico:** *See—*
  - Brescia, Riccardo; Manini, Enrico; Balbo, Edoardo; and Scardovi, Alessandro, 4,546,361, Cl. 346-140.00R.
- **Manis, Paul A.:** *See—*
  - Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., 4,520,176, Cl. 524-598.000.
  - Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., 4,551,350, Cl. 427-389.900.
- **Maniscalco, Jack E.; and Souto, Alberto.** Vehicle rack for surfing board. 4,527,827, 7-9-85, Cl. 296-3.000.
- **Maniscalco, Philip M.; and Marino, Frank.** Draft assisted delivery system. 4,495,880, 1-29-85, Cl. 114-123.000.
- **Manitowoc Company, Inc., The:** *See—*
  - Jaschinski, John J., 4,498,607, Cl. 222-146.600.
  - Schulze-Berge, Carl J., 4,550,572, Cl. 62-138.000.
  - West, John D.; Trainor, James E.; and Karman, James D., 4,550,244, Cl. 219-158.000.
- **Manke, James E.** Automobile beverage holding device. 4,535,923, 8-20-85, Cl. 224-273.000.
- **Mankey, Harry S.:** *See—*
  - Oswald, Norman D.; Dean, Robert R.; and Mankey, Harry S., 4,522,548, Cl. 414-458.000.
  - Oswald, Norman D.; Dean, Robert R.; and Mankey, Harry S., 4,526,344, Cl. 254-9.00C.
- **Mankiewich, Paul M.:** *See—*
  - Lukens, James E.; and Mankiewich, Paul M., 4,526,858, Cl. 430-296.000.
- **Mankowski, Leonard E.,** to Cornell Research Foundation, Inc. Collapsible wall stud and building system. 4,555,889, 12-3-85, Cl. 52-726.000.
- **Mankut, Ludwig:** *See—*
  - Pistor, Dieter; and Mankut, Ludwig, 4,493,429, Cl. 220-211.000.
- **Manley, Norman G.** Can crusher. 4,498,385, 2-12-85, Cl. 100-233.000.
- **Manley, Robert V., Jr.:** *See—*
  - Schiele, Edward K.; Manley, Robert V., Jr.; and Rerat, Carlos F., 4,544,403, Cl. 75-0.5AB.
- **Manly, Kenneth F.:** *See—*
  - Anderson, Garth R.; Manly, Kenneth F.; and Mittelman, Arnold, 4,558,007, Cl. 435-26.000.
- **Mann, Alfred E.** Endocardial electrode. 4,506,679, 3-26-85, Cl. 128-785.000.
- **Mann, Allen W.:** *See—*
  - Takeda, Susumu; Mann, Allen W.; Goodrich, David G.; and Zinniger, Theodore C., 4,498,521, Cl. 164-453.000.
- **Mann, Arnold; Ruschek, Gerhard; and Zenker, Reinhard,** to VDO Adolf Schindling AG. Device for transmitting the set point of a set point adjuster. 4,530,326, 7-23-85, Cl. 123-342.000.
- **Mann, Arnold:** *See—*
  - Sauerschell, Wolfgang; Ruschek, Gerhard; and Mann, Arnold, 4,505,151, Cl. 73-116.000.
- **Mann, Brian M.:** *See—*
  - Renger, Herman L.; Mann, Brian M.; and Meador, John, 4,559,947, Cl. 128-419.0PG.
- **Mann, David P.; Kukes, Simon G.; and Coombs, Daniel M.,** to Phillips Petroleum Company. Metals removal with a light hydrocarbon and an organophosphorous compound. 4,518,484, 5-21-85, Cl. 208-87.000.
- **Mann, Douglass M.,** to CMP Industries, Inc. Dental alloy. 4,491,561, 1-1-85, Cl. 420-437.000.
- **Mann, George H.,** to Corning Glass Works. Method for making colored photochromic prescription ophthalmic lenses. 4,498,919, 2-12-85, Cl. 65-30.110.
- **Mann, Harry F.,** to Sperry Corporation. Lateral flotation mechanism for combine harvesters. 4,527,381, 7-9-85, Cl. 56-209.000.
- **Mann, Horst:** *See—*
  - Wegner, Karl-Heinz; Hodes, Erich; and Mann, Horst, 4,540,630, Cl. 428-408.000.
- **Mann, Kenneth G.:** *See—*
  - Giles, Alan R.; and Mann, Kenneth G., 4,536,392, Cl. 424-101.000
- **Mann, Martin R.:** *See—*
  - Chan, Robert H. G.; Mann, Martin R.; and Ciarrocchi, John A., 4,546,429, Cl. 364-200.000.
- **Mann, Robert N.,** to Bob Mann & Associates Incorporated. Multiple passage conduit for fume extracting welding gun. 4,496,823, 1-29-85, Cl. 219-137.410.
- **Mann, Walter:** *See—*
  - Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, 4,560,708, Cl. 521-137.000.
- **Manna, Robert E.:** *See—*
  - Erwin, Timothy R.; and Manna, Robert E., 4,559,444, Cl. 235-101.000.
- **Mannaka, Toshio:** *See—*
  - Yamaguti, Terushige; Miki, Toshinori; Mannaka, Toshio; Koyama, Hiroshi; and Kawano, Yukihiro, 4,545,228, Cl. 72-16.000.
- **Mannava, Seetha R.; and Erkes, Joseph W.,** to General Electric Company. Torque measurement method and apparatus. 4,525,068, 6-25-85, Cl. 356-35.500.
- **Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A.,** to General Electric Company; and Rensselaer Polytechnic Institute. Laser doppler velocimeter for measuring torsional vibration. 4,551,017, 11-5-85, Cl. 356-28.500.
- **Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A.,** to General Electric Company; and Rensselaer Polytechnic Institute. Acoustic emission analyzer. 4,551,018, 11-5-85, Cl. 356-28.500.
- **Manne, Stanley:** *See—*
  - Sak, Dennis A.; Mestetsky, Thomas; and Manne, Stanley, 4,509,196, Cl. 383-5.000.
- **Mannel, Friedrich,** to GVT Gesellschaft fur Verfahrenstechnik der garnverarbeitenden Industrie mbH. Method and arrangement to control an automatic embroidery machine. 4,526,116, 7-2-85, Cl. 112-266.100.
- **Manner, Reinhard:** *See—*
  - Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, 4,521,618, Cl. 562-535.000.
  - Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, 4,539,409, Cl. 546-286.000.
- **Mannes, Paul M.** Clamping system. 4,526,354, 7-2-85, Cl. 269-93.000.
- **Mannesmann Aktiengesellschaft:** *See—*
  - Ackermann, Wilhelm; Langlitz, Karlheinz; and Schmitz, Gunter, 4,491,074, Cl. 105-164.000.
  - Bathmann, Hans-Jurgen; Hoh, Bernhard; and Schulz, Siegmar, 4,492,118, Cl. 73-612.000.
  - Bitsch, Harald; Donner, Klaus; Hasselmann, Heinz; and Horbach, Rainer, 4,550,664, Cl. 105-180.000.
  - Boos, Jurgen; Homersen, Achim; and Schirmag, Klaus-Peter, 4,505,692, Cl. 474-111.000.
  - Christmann, Burkhard; Weber, Jorg; and Stadtfeld, Gerhard, 4,545,420, Cl. 164-150.000.
  - Deppe, Gerd-Joachim; Ettwig, Hans H.; Schneider, Heinz; and Hof, Wolfram, 4,559,819, Cl. 73-159.000.
  - Dittie, Bernhard, 4,558,987, Cl. 415-162.000.
  - Ehrich, Gerd; and Dobner, Eberhard, 4,499,960, Cl. 177-25.000.
  - Fischer, Gert; and Lather, Dieter, 4,509,815, Cl. 339-147.00P.
  - Flaig, Heinz, 4,520,998, Cl. 254-267.000.
  - Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.
  - Graf, Michael, 4,494,999, Cl. 148-2.000.
  - Gruner, Hans; Schrewe, Hans; Pleschiutschnigg, Fritz-Peter; and Diederich, Gerd, 4,531,567, Cl. 164-415.000.
  - Gruner, Hans; Pfeiffer, Arnold; Rommerswinkel, Heinrich-Wilhelm; and Vest, Rolf, 4,539,042, Cl. 75-43.000.
  - Grutzner, Gunther, 4,559,090, Cl. 148-12.00E.
  - Gugel, Bernd, 4,541,745, Cl. 400-124.000.
  - Gugel, Bernd; and Niebel, Harald, 4,552,471, Cl. 400-124.000.
  - Haacke, Harri; and Loch, Karl, 4,516,429, Cl. 73-638.000.
  - Haring, Manfred, 4,501,443, Cl. 285-328.000.
  - Hasselmann, Heinz; and Muenzebrock, Anton, 4,500,969, Cl. 364-508.000.
  - Hendrischk, Wolfgang, 4,518,270, Cl. 400-240.400.
  - Hillemanns, Herbert; Samans, Robert; and Meyer, Walter, 4,520,047, Cl. 427-331.000.
  - Jung, Helmut; Pempera, Franz G.; and Riedesel, Udo, 4,505,050, Cl. 34-54.000.
  - Karpe, Wolfgang; Kluge, Johannes; and Hasselmann, Heinz, 4,506,242, Cl. 335-120.000.
  - Landgraf, Helmut, 4,501,632, Cl. 156-187.000.
  - Landgraf, Helmut; and Stucke, Walter, 4,519,863, Cl. 156-244.120.
  - Langlitz, Karlheinz; and Schmitz, Gunter, 4,516,757, Cl. 266-245.000.
  - Meurer, Hans; and Jordans, Josef, 4,530,225, Cl. 72-52.000.
  - Niehaus, Norbert; Friehe, Werner; and Schwenk, Wilhelm, 4,513,995, Cl. 285-55.000.
  - Peterseim, Heinz; and Leutz, Walter, 4,544,138, Cl. 266-44.000.
  - Reth, Erich; and Hoenmanns, Wilhelm, 4,555,923, Cl. 72-250.000.
  - Scherff, Helmut, 4,538,794, Cl. 266-79.000.
  - Schnitzer, Heinrich; and Wronka, Bodo, 4,523,747, Cl. 266-44.000.
  - Stender, Erich; and Fuesers, Wilhelm G., 4,554,816, Cl. 72-368.000.
  - Stucke, Walter, 4,510,007, Cl. 156-244.120.
  - Tenberg, Werner; and Kolb, Gustav, 4,544,140, Cl. 266-99.000.
- **Mannesmann Demag AG:** *See—*
  - Ratschat, Gunter, 4,541,864, Cl. 75-41.000.
- **Mannesmann Demag Wean:** *See—*
  - Gerretz, Josef; and Rehag, Klaus, 4,547,082, Cl. 384-278.000.

Jansen, Herbert; Schiffers, Hans-Gunter; and Gerretz, Richard. 4,537,407, Cl. 277-2.000.
Mannesmann, Gerda: *See*—
Skaballa, Werner; Radtechel, Bernd; Vortmeggen, Helmut; Canals-Stenzel, Jorge; Schillinger, Ekkehard; Mannesmann, Gerda; and Nieuwehoer, Bob. 4,497,830, Cl. 514-277.000.
Skaballa, Werner; Radtechel, Bernd; Vortmeggen, Helmut; Mannesmann, Gerda; Nieuwehoer, Bob; and Town, Michael H. 4,552,875, Cl. 514-234.000.
Mannesmann Rexroth GmbH: *See*—
Bartholomaus, Reiner. 4,491,153, Cl. 137-625.650.
Bartholomaus, Reiner; and Gibas, Christoph. 4,518,938, Cl. 335-262.000.
Bartholomaus, Reiner; and Rivolier, Michel. 4,519,573, Cl. 251-30.000.
Dantigraber, Jorg and Morio, Klaus. 4,538,965, Cl. 417-273.000.
Dantigraber, Jorg. 4,540,018, Cl. 137-540.000.
Eisenbacher, Egon; Cunningham, Sinclair; and Wusthof, Peter. 4,527,446, Cl. 91-491.000.
Imhof, Rainer. 4,543,875, Cl. 91-459.000.
Macheyer, Norbert; and Schmidt, Hubertus. 4,497,375, Cl. 172-10.000.
Macheyer, Norbert; and Kaum, Wolfgang. 4,510,847, Cl. 91-461.000.
Macheyer, Norbert; and Schulte, Heinz. 4,518,010, Cl. 137-587.000.
Macheyer, Norbert; and Schulte, Heinz. 4,524,945, Cl. 251-75.000.
Reinhardt, Peter. 4,553,391, Cl. 60-413.000.
Roth, Werner. 4,531,449, Cl. 91-420.000.
Schmidt, Hubertus; and Macheyer, Norbert. 4,506,859, Cl. 251-63.000.
Schulte, Heinz. 4,522,414, Cl. 277-212.00R.
Wolfges, Hans. 4,548,233, Cl. 137-529.000.
Wolfges, Hans. 4,546,383, Cl. 251-129.000.
Wolfges, Hans. 4,555,976, Cl. 91-420.000.
Mannesmann Tally Corporation: *See*—
Whitaker, C. Gordon. 4,503,768, Cl. 101-93.040.
Mannesmann Veba Umwelttechnik GmbH: *See*—
Riemann, Hanns-Helmut; Sonnenschein, Hans and Skaletz, Heinz. 4,509,697, Cl. 241-72.000.
Mannhart, Alto and Rieger, Georg, to Dyckerhoff & Widmann Aktiengesellschaft. Device for securing a sleeve on the abutting ends of reinforcing bars. 4,559,691, 12-24-85, Cl. 29-283.500.
Mannheimer, Jeffrey S.: *See*—
Ferreira, Lloyd A.; and Mannheimer, Jeffrey S. 4,561,851, Cl. 434-272.000.
Manning, Bennett W.; Slechta, Leo J., Jr.; and Wen, Kao Y., to Sperry Corporation. High speed data base search system. 4,504,907, 3-12-85, Cl. 364-200.000.
Manning, Charles E. Scaffold mounted hoist. 4,560,074, 12-24-85, Cl. 212-152.000.
Manning, Daniel J.: *See*—
Prepodnik, Kay E.; Finn, Peter A.; and Manning, Daniel J. 4,519,219, Cl. 62-457.000.
Manning, David T., to Union Carbide Corporation. Herbicidal 2,6-dioxocyclohexylidene derivatives. 4,537,616, 8-27-85, Cl. 71-92.000.
Manning, Donald L., to Transpec, Inc. Energy absorbing vehicle bumper. 4,509,782, 4-9-85, Cl. 293-121.000.
Manning, Edward T., Jr., and Horan, Grant S., to Dravo Corporation. Train holding apparatus with means for relieving the load imposed thereon during disengagement. 4,512,260, 4-[illegible]-85, Cl. 104-252.000.
Manning, George H.; and Riccio, Pasquale [illegible]FE Corporation. Streaming cassette tape transport. 4,514,775, [illegible]-85, Cl. 360-96.600.
Manning, Joseph H., to Man-Mor Industries, Inc. Ceiling fan mounting apparatus. 4,538,786, 9-3-85, Cl. 248-344.000.
Manning, Maurice and Sawyer, Wilbur H., to Medical College of Ohio, The; and Columbia University, The Trustees of. Antagonists of the antidiuretic action of arginine vasopressin. 4,491,577, 1-1-85, Cl. 424-177.000.
Manning, Maurice and Sawyer, Wilbur H., to Medical College of Ohio, The; and Columbia University, The Trustees of. Derivatives of arginine vasopressin antagonists. 4,551,445, 11-5-85, Cl. 514-9.000.
Manning, Peter: *See*—
Dixon, John; and Manning, Peter. 4,533,336, Cl. 446-465.000.
Manning, Philip H.: *See*—
Gwin, Richard B.; and Manning, Philip H. 4,556,162, Cl. 228-50.000.
Manning, Phillip R., to Wray, Ashton, Jr., a part interest. Long wearing contact tip for inert gas arc welding. 4,560,858, 12-24-85, Cl. 219-137.520.
Manning, Robert E. and Nadelson, Jeffrey, to Sandoz, Inc. Indolamine derivatives as anti-fertility agents. 4,544,663, 10-1-85, Cl. 514-378.000.
Manning Technologies, Inc.: *See*—
Brown, Alvin E.; and Hennesse, Donald P. 4,506,552, Cl. 73-861.280.
Brown, Alvin E., 4,509,373, Cl. 73-861.280.
Manning, Weldon. Collar stretching apparatus. 4,529,109, 7-16-85, Cl. 223-52.100.
Manning, William R., to Champion Spark Plug Company. Alumina ceramic comprising a siliceous binder and at least one of zirconia and hafnia. 4,552,852, 11-12-85, Cl. 501-105.000.
Manning, Winton H., to Educational Testing Service. Apparatus and method for Cloze-Elide testing. 4,547,161, 10-15-85, Cl. 434-358.000.
Mannino, Mickeal: *See*—
Baker, Charles L.; and Mannino, Mickeal. 4,506,760, Cl. 182-5.000.
Mannion, Geoffrey; and Palmer, Patrick V., to International Mechanite Metal Company Limited, The. Process for the treatment of molten metal. 4,511,401, 4-16-85, Cl. 75-130.00R.
Mannion, Thomas M.: *See*—
Williams, Peter C.; Koch, Ulrich H.; Yasko, Edward M., Jr.; and Mannion, Thomas M., 4,538,790, Cl. 251-214.000.
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Mannion, William A.: *See*—
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Manniso, James L., to W. L. Gore & Associates, Inc. Microporous metal-plated polytetrafluoroethylene articles and method of manufacture. 4,557,957, 12-10-85, Cl. 428-36.000.
Mannl, Reinhard: *See*—
Ritt, Hans-Georg; Luneberg, Hartmut; Mannl, Reinhard; and Grillmeier, Alfred. 4,516,998, Cl. 65-108.000.
Manno, Joseph T. Wood burning stove heat exchanger. 4,534,319, 8-13-85, Cl. 122-15.000.
Manns, William G.: *See*—
Spinelli, Thomas S.; Manns, William G.; and Weirauch, Donald F. 4,546,406, Cl. 361-386.000.
Mann's Wine Co., Ltd.: *See*—
Togawa, Hideo; Takezawa, Taiho; Watanabe, Masazumi; Hayashi, Kazuya and Okahara, Akira. 4,505,936, Cl. 426-46.000.
Mannschke, Lothar, to U.S. Philips Corporation. Optical multiplexer. 4,522,461, 6-11-85, Cl. 350-96.180.
Mannschke, Lothar, to U.S. Philips Corporation. Optical multiplexer. 4,535,440, 8-13-85, Cl. 370-1.000.
Mano, Hiroshi: *See*—
Tomita, Kazuichi; Mano, Hiroshi; Maruyama, Fumio; and Isomura, Akihiko. 4,539,113, Cl. 210-323.200.
Mano, Junichi: *See*—
Morita, Masahiko; Mano, Junichi; Nishida, Minoru; Tanaka, Tomoo; Aoyagi, Noburo; and Takizawa, Syoichi. 4,502,897, Cl. 148-12.00F.
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Manocha, Ajit S., to AT&T Bell Laboratories. Anisotropic etching. 4,554,048, 11-19-85, Cl. 156-643.000.
Manoir International, Inc.: *See*—
Manonneuve, Richard Z., 4,513,565, Cl. 62-228.600.
Manolis, John. Crankcase emissions device. 4,515,137, 5-7-85, Cl. 123-572.000.
Manolova, Valentina A.: *See*—
Marinov, Mihail T.; Petkanchin, Lyubomir T.; Pashev, Georgi I.; Kostov, Georgi T.; Mihovski, Mirko M.; and Manolova, Valentina A., 4,545,252, Cl. 73-633.000.
Manome, Taichi; Ohmine, Toshimori; Okazaki, Takao; and Arai, Mamoru, to Sankyo Company Limited. Plasmid pSAN 181. 4,517,300, 5-14-85, Cl. 435-317.000.
Manon, Kenneth P., to Swenson Spreader Company. Spreader guard. 4,549,697, 10-29-85, Cl. 239-661.000.
Manor, Ron. Irrigation apparatus retractile into pit. 4,512,517, 4-23-85, Cl. 239-206.000.
Manostat Corporation: *See*—
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Manouvrier, Jean-Aime: *See*—
Buys, Romain J. B.; and Manouvrier, Jean-Aime. 4,537,796, Cl. 427-136.000.
Manowitz, Milton: *See*—
Virgilio, Joseph A.; Manowitz, Milton; and Heilweil, Emanuel. 4,508,908, Cl. 544-213.000.
Manresa, Inc.: *See*—
Vaillancourt, Vincent L., 4,511,359, Cl. 604-411.000.
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Vaillancourt, Vincent L., 4,525,374, Cl. 427-2.000.
Manring, William H.: *See*—
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Manriquez, Ralph F.: *See*—
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Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,539,933, Cl. 118-719.000.
Mans, Thomas A., to Datascope Corporation. Method and device for subtracting a pacer signal from an ECG signal. 4,539,999, 9-10-85, Cl. 128-696.000.
Mansbridge, Martin H.: *See*—
Stephen, David; Mansbridge, Martin H.; and Highnam, Alan W., 4,534,503, Cl. 228-157.000.
Mansei Kogyo Kabushiki Kaisha: *See*—
Tanaka, Yoshiharu. 4,511,212, Cl. 350-255.000.
Mansell, Barry N., and Friedman, David, to Computervision Corporation. Method and apparatus for displaying objects on an interlaced raster scan television screen. 4,506,298, 3-19-85, Cl. 358-160.000.
Mansell, John R.: *See*—
Knapp, Alan G., and Mansell, John R., 4,560,898, Cl. 313-400.000.
Mansell, Mark L.: *See*—
Scrivener, Stephen P.; Smith, Wallace D.; Mansell, Mark L.; and Campbell, Neville D., 4,502,327, Cl. 73-146.000.
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Manservisi, Renato; and Fossi, Mario, to Sasib S.p.A. Wrapper sheet for cigarette packs, and method for obtaining same. 4,513,908, 4-30-85, Cl. 229-87.00C.

Manservisi, Renato; and Roffi, Roberto, to Sasib S.p.A. Discarding device for discarding defective cigarette packs. 4,530,199, 7-23-85, Cl. 53-53.000.

Mansfeld, Gerd: *See—*

Sturm, Wolfgang; Mansfeld, Gerd; and Reindl, Hans, 4,528,124, Cl. 252-522.00R.

Mansfield, George F. Quick-loading device for muzzle-loading rifles. 4,550,517, 11-5-85, Cl. 42-90.000.

Mansfield, Graham J.; Hall, Dennis S.; and Cameron, Ewen R., to USM Corporation. Automatically controlled thermo-cementing and folding machine. 4,557,787, 12-10-85, Cl. 156-356.000.

Mansfield, Graham J.: *See—*

Peck, Alan M.; Reedman, David C.; Graveling, Frederick J.; Moore, David; and Mansfield, Graham J., 4,541,054, Cl. 364-474.000.

Mansfield, Peter: *See—*

Ordidge, Roger J.; and Mansfield, Peter, 4,509,015, Cl. 324-309.000.

Mansfield, Robert J.; Payne, David N.; and Sasaki, Issei, to National Research Development Corporation. Measurement of optical refractive index profiles. 4,519,704, 5-28-85, Cl. 356-73.100.

Mansfield Scientific, Inc.: *See—*

Gelinas, Sandra L.; Cerundolo, Daniel G.; and Abele, John E., 4,522,212, Cl. 128-642.000.

Mansfield, Terry K.: *See—*

Reynolds, Gary R.; Gaynor, Thomas R.; Olivera, Raul; Ruthenberg, Ross E.; Smith, Jay G.; Kurby, Christopher N.; and Mansfield, Terry K., 4,491,806, Cl. 331-96.000.

Mansion Industries, Inc.: *See—*

Zieg, Steven A., 4,505,456, Cl. 256-67.000.

Manske, Heinz J., to Foringer, John W. B. Mounting system for optical sighting devices. 4,501,071, 2-26-85, Cl. 33-245.000.

Mansker, William L. Sample concentrating cable jig. 4,552,654, 11-12-85, Cl. 209-425.000.

Manson, Harry G., to IMC Magnetics Corp. Method of assembling a motor having stationary shaft. 4,539,745, 9-10-85, Cl. 29-596.000.

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Mansour, James D.; and Schulte, Thomas, to Becton, Dickinson and Company. Detection of white cell associated bacteria with a fluorescent dye. 4,508,821, 4-2-85, Cl. 435-34.000.

Mansour, Maher L., to Ashland Oil, Inc. Gas curing chamber for flat substrates. 4,491,610, 1-1-85, Cl. 427-337.000.

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Mansour, Mansour N., to Southern California Edison Company. Method and burner tip for suspressing emissions of nitrogen oxides. 4,505,665, 3-19-85, Cl. 431-10.000.

Mansouri, Mansour N.; Mansouri, Masoud N.; and Imani, Kambiz. Power operated separable beds and support therefor. 4,524,471, 6-25-85, Cl. 5-8.000.

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Mansson, Bengt: *See—*

Eriksson, Jan Erik; Karlsson, Mats; Kollberg, Sten; and Mansson, Bengt, 4,541,472, Cl. 164-504.000.

Mansson, Bjorn: *See—*

Helgesson, Gote; Mansson, Bjorn; and Wallin, Nils-Hakan, 4,528,309, Cl. 524-13.000.

Mantel, Piet: *See—*

Commandeur, Jacobus J.; Felthuis, Jacob; and Mantel, Piet, 4,557,507, Cl. 285-45.000.

Mantelet, Jean, to Cuisi-Technic S.a.r.l. Electric heating element, and a hot plate equipped with the heating element. 4,517,454, 5-14-85, Cl. 219-455.000.

Mantellina, Calogero; and Zanzottera, Daniele, to Honeywell Information Systems Inc. Digital timing unit. 4,517,681, 5-14-85, Cl. 375-106.000.

Manten Co., Ltd.: *See—*

Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.

Manteufel, Dale A., to Ingersoll Equipment Co., Inc. Tractor-mounted implement hitch arrangement. 4,558,881, 12-17-85, Cl. 280-460.00A.

Manthe, Karl-Heinz: *See—*

Preuss, Bernhard; and Manthe, Karl-Heinz, 4,562,419, Cl. 335-195.000.

Manthei, Philip J.: *See—*

Fey, Robert M.; Woehler, Harold L.; and Manthei, Philip J., 4,535,610, Cl. 68-3.00R.

Mantini, Carl P. Device for securing sliding closures. 4,530,531, 7-23-85, Cl. 292-302.000.

Manto, Charles L., to Manto Incorporated. Information storer and retriever. 4,527,262, 7-2-85, Cl. 369-33.000.

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Manto, Charles L., 4,527,262, Cl. 369-33.000.

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Manton, John C.; and Okin, Kenneth, to Digital Equipment Corporation. Memory controller with data rotation arrangement. 4,500,958, 2-19-85, Cl. 364-200.000.

Manton, John C.; Okin, Kenneth; and Zacconi, Anthony N., to Digital Equipment Corporation. Two-port memory controller. 4,509,115, 4-2-85, Cl. 364-200.000.

Mantovan, Gianfranco, to Pomini Farrel S.p.A. Device for replacing the rolls of rolling stands. 4,552,007, 11-12-85, Cl. 72-239.000.

Mantra Tube Ltd.: *See—*

van den Berg, Arie P., 4,542,276, Cl. 219-60.00A.

Manttari, Erkki: *See—*

Makitalo, Seppo; and Manttari, Erkki, 4,502,559, Cl. 180-75.000.

Mantua Metal Products Co., Inc.: *See—*

Crossley, David W.; and Van Dore, Peter, 4,512,483, Cl. 213-75.0TC.

Mantymaki, Tarmo: *See—*

Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Iisakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, 4,491,952, Cl. 373-74.000.

Mantymaki, Tarmo K., to Outokumpu Oy. Waste heat boiler construction. 4,530,311, 7-23-85, Cl. 122-7.00R.

Manuccia, Thomas J.; and Eden, J. Gary, to United States of America, Navy. Infrared optical measurement of blood gas concentrations and fiber optic catheter. 4,509,522, 4-9-85, Cl. 128-634.000.

Manufacture de Machines du Haut-Rhin: *See—*

Greslin, Bernard P.; and Rohmer, Daniel J., 4,498,234, Cl. 29-785.000.

Nicolas, Jacques; and Raso, Roland, 4,510,869, Cl. 102-240.000.

Richard, Jacques R., 4,533,038, Cl. 198-646.000.

Manufacture de Vilebrequins: *See—*

Coquillart, Michel; and Yeretzian, Georges, 4,559,681, Cl. 29-26.00A.

Manufacture Industrielle de Cycles et Motocycles - M.I.C.M.O.: *See—*

Michel, Diaz; and Christian, Loeillet, 4,548,422, Cl. 280-281.00R.

Mfg. Design, Inc.: *See—*

Owens, Walter K., 4,496,074, Cl. 221-39.000.

Manville Service Corporation: *See—*

Byrd, Carlisle O., Jr., 4,549,382, Cl. 52-506.000.

Cimochowski, Anthony E., 4,493,176, Cl. 52-508.000.

Corbin, Raymond L. R., 4,527,374, Cl. 52-557.000.

Dawson, Raymond L.; Dodd, Clayton; Harrell, Bobby E.; and Lee, Grady E., 4,553,438, Cl. 73-830.000.

Dolin, Rick L., 4,526,914, Cl. 524-42.000.

Ekdahl, Wendell G.; Chaudhuri, Asit R.; and Müller, William C., 4,555,492, Cl. 501-38.000.

Ekdahl, Wendell G.; Chaudhuri, Asit R.; and Müller, William C., 4,558,015, Cl. 501-38.000.

Ewing, Robert L.; Hughes, James S.; and Bruggeman, Bruce, 4,538,217, Cl. 362-375.000.

Forte, Don A.; and Thompson, Michael L., 4,496,905, Cl. 324-414.000.

Graser, Earl J., 4,508,258, Cl. 229-38.000.

Hoelzer, Robert J., 4,544,685, Cl. 523-200.000.

Hoke, Merle C.; Armstrong, Richard G.; and Penn, James E., 4,551,792, Cl. 362-362.000.

Kielmeyer, William H., 4,545,166, Cl. 52-484.000.

Kietzman, John H., 4,548,650, Cl. 106-281.00R.

Peters, Walter B., 4,508,855, Cl. 523-153.000.

Ramge, Dennis L.; and Miller, John H., 4,511,328, Cl. 432-59.000.

Sherman, Earle C., 4,503,659, Cl. 53-491.000.

Shiuh, Jerome C.; and Tocci, Mario P., 4,557,883, Cl. 264-43.000.

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Manyai, Sandor: *See—*

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Manzara, Anthony P.: *See—*

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Manzer, Hans, to Siemens Aktiengesellschaft. Tank system for cold fixing a toner powder. 4,503,625, 3-12-85, Cl. 34-78.000.

Manzer, Marvin R., to Cavalier Corporation. Vending machine with side mounted escrows. 4,511,059, 4-16-85, Cl. 221-115.000.

Manzi, Joseph, to Gossling Development Corporation. Hanger device for long handled implements. 4,519,566, 5-28-85, Cl. 248-360.000.

Manzini, Stefano: *See—*

Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, 4,503,075, Cl. 514-622.000.

Manzione, Louis T., to AT&T Bell Laboratories. Optimized reaction injection molding. 4,534,003, 8-6-85, Cl. 364-476.000.

Manzke, Klaus: *See—*

Grittmann, Ernst-Juergen; Weis, Hans-Joachim; and Manzke, Klaus, 4,527,211, Cl. 360-109.000.

Manzo, Richard L.: *See—*

Margaronis, Mihail A.; and Manzo, Richard L., 4,556,991, Cl. 2-8.000.

Manzone, Richard R., to Hoyt Manufacturing Corporation. Distillation. 4,497,690, 2-5-85, Cl. 202-181.000.

Manzoni, Stephane, to Societe Manzoni-Bouchot. Vehicle rearview mirror remote-control device. 4,512,633, 4-23-85, Cl. 350-632.000.

- Manzoni, Stephane, to Societe Manzoni-Bouchot. Device for mounting a rearview mirror casing on a support member. 4,523,736, 6-18-85, Cl. 248-483.000.
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- Mao, Mark H. K.: *See—*
  - Bissett, Donald L.; and Mao, Mark H. K., 4,555,360, Cl. 252-541.000.
  - Llenado, Ramon A.; Mao, Mark H. K.; and Nicholson, Denzel A., 4,536,317, Cl. 252-174.170.
- Mao, Raymond L. V.; and Bird, Peter H. Composite zeolite-asbestos catalysts. 4,511,667, 4-16-85, Cl. 502-64.000.
- Mao, Robert S., to International Business Machines Corporation. RAM utilizing offset contact regions for increased storage capacitance. 4,493,056, 1-8-85, Cl. 365-149.000.
- MAP Mikrofilm Apparatebau Dr. Poehler GmbH & Co., KG: *See—*
  - Dziemba, Peter, 4,544,151, Cl. 271-251.000.
- MAPA GmbH Gummi-und Plastikwerke: *See—*
  - Kesselring, Lutz, 4,505,398, Cl. 215-11.00B.
  - Kesselring, Lutz; and Frodrich, Horst, 4,526,274, Cl. 206-231.000.
- MAPA - Societa per Azioni: *See—*
  - Patelli, Ferruccio, 4,524,567, Cl. 53-552.000.
- Mapatent, N.V.: *See—*
  - Fellner, Theodore F.; and Talo, Leslie C., 4,513,858, Cl. 198-812.000.
- Maple, T. Grant, to Lockheed Missiles & Space Company, Inc. Absorbing graded nitride film for high contrast display devices. 4,540,914, 9-10-85, Cl. 313-466.000.
- Maples, James A.: *See—*
  - Pepper, Robert B.; and Maples, James A., 4,514,817, Cl. 364-480.000.
- Maples, Robert A., to United States of America, Energy. Pistol-shaped dosimeter charger. 4,494,002, 1-15-85, Cl. 250-377.000.
- Maples, Stephen S., to Acer Automation Company. Thermal compensating gage. 4,505,158, 3-19-85, Cl. 73-766.000.
- Maples, Stephen S., to Acer Automation Company. Automatic nulling LVDT probe. 4,543,732, 10-1-85, Cl. 33-502.000.
- Maplesden, Alan K.: *See—*
  - McDowall, William L.; and Maplesden, Alan K., 4,547,939, Cl. 29-2.000.
- Mar, Bob. Locking screw cap. 4,512,484, 4-23-85, Cl. 215-221.000.
- Mar, Dav, to Dionex Corporation. Externally actuated valve assembly and method. 4,512,545, 4-23-85, Cl. 251-4.000.
- Mar, Henry M.; and Reider, Samuel B., to General Motors Corporation. Low loss duct burner. 4,527,390, 7-9-85, Cl. 60-224.000.
- Marach, David R., to Allied Corporation. Snap-in mounting device for electrical devices. 4,527,849, 7-9-85, Cl. 339-59.00M.
- Marai, Geza: *See—*
  - Tomko, Bela; Marai, Geza; and Karacsonyi, Bela, 4,499,110, Cl. 426-69.000.
- Marais, Jacques, to Societe Anonyme dite: Fast Lunch. Machine for washing flat tableware. 4,561,144, 12-31-85, Cl. 15-302.000.
- Marais, Lionel, to Compagnie Francaise des Petroles. Rotary drilling tool with percussion device. 4,520,886, 6-4-85, Cl. 173-135.000.
- Marandet, Andre, to Labavia-S.G.E. Retarder equipment for vehicles. 4,509,623, 4-9-85, Cl. 192-4.00A.
- Marandet, Andre J. P.; and Charbonnier, Marc, to Labavia-S.G.E. Electric retarders for vehicles. 4,496,867, 1-29-85, Cl. 310-93.000.
- Marando, Raoul J.: *See—*
  - Coles, Russell L.; Griest, Norman J.; Marando, Raoul J.; and Suleske, Aaron A., 4,547,164, Cl. 441-84.000.
- Maranell, M. C.; and Kortlever, LeRoy A. Leak resistant poultry watering device. 4,539,938, 9-10-85, Cl. 119-75.000.
- Marangoni, Daniele, to Kontron Holding A.G. Personal electrocardiology recorder. 4,535,783, 8-20-85, Cl. 128-711.000.
- Marans, Nelson S.: *See—*
  - Kehr, Clifton L.; Wszolek, Walter R.; and Marans, Nelson S., 4,510,097, Cl. 260-453.00A.
- Marantz, Daniel R.: *See—*
  - Herman, Herbert; and Marantz, Daniel R., 4,526,839, Cl. 428-550.000.
- Marascalco, Ronald F.: *See—*
  - Hayatdavoudi, Asadollah; and Marascalco, Ronald F., 4,491,414, Cl. 366-6.000.
- Maraschin, Norma J.: *See—*
  - Beran, Debra L.; Cann, Kevin J.; Jorgensen, Robert J.; Karol, Frederick J.; Maraschin, Norma J.; and Marcinkowsky, Arthur E., 4,508,842, Cl. 502-112.000.
- Marason, Gabriel, Jr.: *See—*
  - Girton, Virgil M.; Marason, Gabriel, Jr.; and Wang, Lawrence C., 4,510,590, Cl. 369-63.000.
- Marass, Josef, to Georg Spiess GmbH. Sheet accelerating device. 4,502,678, 3-5-85, Cl. 271-270.000.
- Marass, Josef; and Liepert, Rudolf, to Georg Spiess GmbH. Apparatus for washing a rubber blanket cylinder of a printing machine. 4,555,989, 12-3-85, Cl. 101-424.000.
- Marathon Electric Manufacturing Corporation: *See—*
  - Keglewitsch, Josef; and Stechschulte, Theodore J., 4,500,161, Cl. 339-242.000.
  - Keglewitsch, Josef; and Stechschulte, Theodore J., 4,500,162, Cl. 339-252.00F.
  - Keglewitsch, Josef; and Stechschulte, Theodore J., 4,547,036, Cl. 339-186.00R.
- Marathon Manufacturing Company: *See—*
  - Lewis, Harold M., 4,556,095, Cl. 160-166.00R.
  - McClure, David K., 4,507,831, Cl. 24-590.000.
- Marathon Oil Company: *See—*
  - Argabright, Perry A.; and Rhudy, John S., 4,503,909, Cl. 166-252.000.
  - Bryan, Larry E.; Grove, Richard W.; and Primus, William F., 4,525,914, Cl. 29-402.080.
  - Jones, Stanley C., 4,561,289, Cl. 73-38.000.
  - Krugh, Michael E., 4,515,212, Cl. 166-99.000.
  - Luetzelschwab, Wayne E., 4,508,858, Cl. 523-313.000.
  - Luetzelschwab, Wayne E., 4,510,993, Cl. 166-75.00R.
  - Luetzelschwab, Wayne E., 4,535,844, Cl. 166-252.000.
  - Luetzelschwab, Wayne E., 4,553,594, Cl. 166-275.000.
  - Luetzelschwab, Wayne E., 4,559,202, Cl. 422-134.000.
  - Meeder, Charles A.; Tinkle, Anthony R.; and Wener, Kenneth R., 4,558,437, Cl. 367-15.000.
  - Merrill, LaVaun S., Jr., 4,517,097, Cl. 210-696.000.
  - Norton, Charles J., 4,503,912, Cl. 166-295.000.
  - Norton, Charles J.; Falk, David O.; and Hill, Alfred D., 4,548,272, Cl. 166-295.000.
  - Norton, Charles J.; Falk, David O.; and Hill, Alfred D., 4,561,502, Cl. 166-274.000.
  - Plummer, Mark A., 4,504,378, Cl. 208-108.000.
  - Plummer, Mark A.; and Bugle, Robert C., 4,505,810, Cl. 208-108.000.
  - Plummer, Mark A., 4,513,163, Cl. 585-700.000.
  - Plummer, Mark A., 4,555,327, Cl. 208-108.000.
  - Plummer, Mark A., 4,557,803, Cl. 208-108.000.
  - Schroeder, Donald E., Jr., 4,510,397, Cl. 290-43.000.
  - Schroeder, Donald E., Jr.; Plummer, Mark A.; and Zimmerman, Carle C., Jr., 4,560,517, Cl. 260-505.00R.
  - Sweet, Welby C., 4,509,967, Cl. 62-17.000.
  - Sweet, Welby C., 4,559,070, Cl. 62-17.000.
  - Sydansk, Robert D., 4,494,606, Cl. 166-295.000.
  - Sydansk, Robert D., 4,505,751, Cl. 106-84.000.
  - Thompson, Timothy J., 4,512,883, Cl. 210-123.000.
  - Wener, Kenneth R.; and Tinkle, Anthony R., 4,516,227, Cl. 367-15.000.
  - Wener, Kenneth R., 4,532,618, Cl. 367-46.000.
- Marazzi, Paolo: *See—*
  - Pedretti, Gaetano; and Marazzi, Paolo, 4,555,823, Cl. 12-77.000.
- Marazzini, Severino, to PAMA S.p.A. Method to form soles with a heel and an under-heel, mainly for women footwear, with an incorporated supporting core, or reinforcement, and shaped and reinforced soles obtained by said method. 4,542,548, 9-24-85, Cl. 12-142.00J.
- Marblehead Lime Company: *See—*
  - Kerwin, John M., 4,546,711, Cl. 110-246.000.
- Marbor Engineering Associates: *See—*
  - Stein, Marcel, 4,542,879, Cl. 251-360.000.
- Marc, Michel. Method and apparatus for forming a flexible thermoplastic resin foam article using an RF field. 4,524,037, 6-18-85, Cl. 264-26.000.
- Marcaccioli, Enzo: *See—*
  - Camprincoli, Pierpaolo; Marcaccioli, Enzo; and Rosati, Luciano, 4,544,606, Cl. 428-454.000.
- Marcadet, Luc; and Ozanne, Michel, to Dresser Industries, Inc. Valve coupling. 4,545,560, 10-8-85, Cl. 251-58.000.
- Marcantonio, Paul J., to Chevron Research Company. Treatment of alumina-base catalysts. 4,537,751, 8-27-85, Cl. 423-114.000.
- Marcantonio, Paul J., to Chevron Research Company. Recovering vanadium values from ammonium bicarbonate solution using heat, sulfuric acid, and ammonium sulfate. 4,544,533, 10-1-85, Cl. 423-67.000.
- Marcantonio, Paul J., to Chevron Research Company. Recovering vanadium values from ammonium bicarbonate solution. 4,551,315, 11-5-85, Cl. 423-67.000.
- Marcantonio, Paul J., to Chevron Research Company. Leaching metals from spent hydroprocessing catalysts with ammonium sulfate. 4,554,138, 11-19-85, Cl. 423-53.000.
- Marcatili, Enrique A. J.: *See—*
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- Marceau, Aurilien J. Chain saw extension attachment. 4,520,563, 6-4-85, Cl. 30-122.000.
- Marcellin, Georges: *See—*
  - le Mehaute, Alain; Hamaide, Thierry; Crepy, Gilles; and Marcellin, Georges, 4,556,614, Cl. 429-191.000.
- Marcellis, Alphonso W.; Johnson, Grannis S.; and Grinstein, Reuben H., to Diamond Shamrock Chemicals Company. Anionic polyhydroxy polyphenyl compounds as dispersants for aqueous slurries of carbonaceous materials. 4,501,594, 2-26-85, Cl. 44-51.000.
- Marcenac, Philippe: *See—*
  - Hareng, Michel; Hehlen, Robert; Marcenac, Philippe; Le Berre, Serge; Leclerc, Pierre; and Perbet, Jean-Noel, 4,525,708, Cl. 340-713.000.
- March, Edward J.: *See—*
  - Ellis, Roland, Jr.; Jacobs, Brian E.; March, Edward J.; and Newman, Raymond J., 4,512,509, Cl. 228-180.200.
- March, Joseph E.; and Riley, Thomas E., to Platt Luggage, Inc. Carrying case with removable divider assembly. 4,527,677, 7-9-85, Cl. 190-110.000.
- March, Joseph E., to Platt Luggage, Inc. Carrying case. 4,529,069, 7-16-85, Cl. 190-114.000.
- Marchadour, Jean-Charles. Apparatus and method for cleaning flowable material filling devices. 4,501,622, 2-26-85, Cl. 134-18.000.
- Marchais, Jean; and Netter, Michel, to SMAC Acieroid. Insulating and fluidtight roof covering. 4,558,550, 12-17-85, Cl. 52-309.700.

Marchal, Paul: *See—*
  Clement, Gilles; Francois, Daniel; Marchal, Paul; and Moreau, Claude, 4,523,884, Cl. 414-8.000.
  Guittet, Jack; Marchal, Paul; Micaelli, Alain; and Vertut, Jean, 4,510,574, Cl. 364-513.000.
Marchand, Jean-Claude: *See—*
  Di Benedetto, Dominique; and Marchand, Jean-Claude, 4,531,398, Cl. 73-1.00G.
Marchand, Maurice; and Haentjens, Yan, to LMT Radio Professionnelle. Field effect transistor microwave amplifier. 4,500,848, 2-19-85, Cl. 330-285.000.
Marchand, Maurice: *See—*
  Petitjean, Christian; and Marchand, Maurice, 4,538,148, Cl. 343-17.20R.
Marchand, William C. Multi-stage vane stator for radial inflow turbine. 4,492,520, 1-8-85, Cl. 415-150.000.
Marchand, William C. Gas turbine combustion system utilizing renewable and non-critical solid fuels with residue remover to minimize environmental pollution. 4,550,563, 11-5-85, Cl. 60-39.060.
Marchant, Alan B., to Eastman Kodak Company. Optical disc and disc-turntable air flow interface assembly. 4,507,774, 3-26-85, Cl. 369-271.000.
Marchant, Alan B.; and Howe, Dennis G., to Eastman Kodak Company. Protective construction for optical disk units. 4,539,573, 9-3-85, Cl. 346-137.000.
Marchant, Alan B.: *See—*
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Marchant, David J., to Ti Russell Hobbs Limited. Apparatus for making hot drinks. 4,558,640, 12-17-85, Cl. 99-307.000.
Marchant, George W., to APV International Limited. Flow control valve. 4,506,697, 3-26-85, Cl. 137-312.000.
Marchant, John, to Jeviti Pty. Limited. Work table. 4,539,913, 9-10-85, Cl. 108-7.000.
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  Kaplan, Jay; and Marchant, Ray, 4,493,524, Cl. 339-125.00R.
  Kaplan, Jay; and Marchant, Ray, 4,558,839, Cl. 248-542.000.
Marchello, John L., to Danmar Products, Inc. Wrestling helmet ear pads. 4,551,861, 11-12-85, Cl. 2-425.000.
Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., to Kievsky Nauchno-Issledovatelsky Institut Otolaringologii Imeni Professora A.S. Kolomiiobenka; and Institut Fiziki Akademii Nauk Ukrainskoi SSR. Cryo-ultrasonic surgical instrument. 4,528,979, 7-16-85, Cl. 128-303.00R.
Marchenko, Anatoly M.: *See—*
  Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.
Marchent, Brian G.; and Foster, Michael R., to Plessey Overseas Limited. Compass. 4,539,760, 9-10-85, Cl. 33-356.000.
Marchent, Brian G.; and Foster, Michael R., to Plessey Overseas Limited. Compass. 4,546,550, 10-15-85, Cl. 33-356.000.
Marchesano, Carlo, to Minnesota Mining and Manufacturing Company. Photographic color developer composition packaged in two or more concentrated parts, particularly solutions, and concentrated color developer water solution. 4,501,812, 2-26-85, Cl. 430-466.000.
Marchese, Gerald R.; and Calhan, Richard B., to Auto-Indexer. Meat slicing machine and method. 4,548,107, 10-22-85, Cl. 83-23.000.
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  Mancini, Paolo; Taddei, Alessandro; Macerata, Alberto; and Marchesi, Carlo, 4,537,202, Cl. 128-712.000.
Marchesi, Franco, to Rockwell-Rimoldi S.p.A. Sewing machine differential feed. 4,546,717, 10-15-85, Cl. 112-313.000.
Marchesi, Franco, to Rockwell-Rimoldi S.p.A. Anti-wobble device for a connecting rod. 4,554,840, 11-26-85, Cl. 74-42.000.
Marchetti, Augusto. Device for the control of the mutual removal and approching movement of lateral conveying units in a carton sealing and/or closing machine. 4,507,108, 3-26-85, Cl. 493-167.000.
Marchetti, Augusto. Carton sealing machine with safety stop of the conveying belts at the end of the operation. 4,538,398, 9-3-85, Cl. 53-493.000.
Marchetti, Augusto. Taping machine for variable-size cartons. 4,541,888, 9-17-85, Cl. 156-468.000.
Marchetti, Augusto. Taping machine with conveying units at adjustable distance. 4,543,150, 9-24-85, Cl. 156-468.000.
Marchetti, Augusto, to Comarme, S.p.A. Carton sealing machine with possibility of immediate opening of the sealing area during working. 4,545,176, 10-8-85, Cl. 53-76.000.
Marchetti, Augusto. Taping machine for cartons of variable width. 4,551,194, 11-5-85, Cl. 156-468.000.
Marchetti, Augusto. Machine for sealing variable-height parallelepipedal cartons. 4,554,042, 11-19-85, Cl. 156-350.000.
Marchetti, Joseph R.; and Thomas, Wilbur R., to Westinghouse Electric Corp. Flame retardant B-staged epoxy resin prepregs and laminates made therefrom. 4,501,787, 2-26-85, Cl. 428-236.000.
Marchetti, Joseph R.; and Sanjana, Zal N., to Westinghouse Electric Corp. Toughened thermoset laminates. 4,524,107, 6-18-85, Cl. 428-413.000.
Marchetti, Renato; and Penco, Eugenio, to Selenia, Industrie Elettroniche Associate, S.p.A. Longitudinal-discharge-pulse laser with preionization obtained by corona effect. 4,509,176, 4-2-85, Cl. 372-86.000.
Marchetti, Renato: *See—*
  Bagaglia, Adriano; Marchetti, Renato; and Penco, Eugenio, 4,546,482, Cl. 372-86.000.
Marchi, Gary C.; and Logan, Richard H., to J. I. Case Company. Leak-detecting hydraulic system. 4,522,109, 6-11-85, Cl. 91-420.000.
Marchiano, John. Auxiliary mobility guide for a cane. 4,559,962, 12-24-85, Cl. 135-85.000.
Marchington, Anthony F.; Lewis, Timothy; Clough, John M.; Worthington, Paul A.; and Dalziel, John, to Imperial Chemical Industries PLC. 1-(tetrahydrofurylmethyl)azoles. 4,518,415, 5-21-85, Cl. 71-92.000.
Marchionda, Tony. Oil spill collector. 4,555,338, 11-26-85, Cl. 210-242.400.
Marchioro, Ignazio, to Escher Wyss Aktiengesellschaft. Apparatus for controlling the pressing force between a controlled deflection roll and a counter element. 4,502,312, 3-5-85, Cl. 72-243.000.
Marcilly, Christian: *See—*
  Dufresne, Pierre; Freund, Edouard; Marcilly, Christian; and Raatz, Francis, 4,501,656, Cl. 208-111.000.
Marcinek, John A., to Emhart Industries, Inc. Method of making molecularly oriented plastic bottles. 4,521,369, 6-4-85, Cl. 264-532.000.
Marciniak, Walter J. Air heating and cooling apparatus. 4,544,023, 10-1-85, Cl. 165-48.00R.
Marcinkowsky, Arthur E.: *See—*
  Beran, Debra L.; Cann, Kevin J.; Jorgensen, Robert J.; Karol, Frederick J.; Maraschin, Norma J.; and Marcinkowsky, Arthur E., 4,508,842, Cl. 502-112.000.
Marcinowski, Stefan: *See—*
  Tschang, Chung-Ji; and Marcinowski, Stefan, 4,551,482, Cl. 521-53.000.
Marco Seattle, Inc.: *See—*
  Hagedorn, Stanley R.; and Roach, Stewart W., 4,551,042, Cl. 406-93.000.
  Roach, Stewart W., 4,558,990, Cl. 417-54.000.
Marco Wood Products, Inc.: *See—*
  Markey, Dennis P.; and Rosen, George J., 4,501,103, Cl. 52-745.000.
Marcon, Christian, to Valve Precision S.A.R.L. Dispenser device for liquids. 4,506,805, 3-26-85, Cl. 222-153.000.
Marcon, Mario: *See—*
  Graves, Clint; and Marcon, Mario, 4,541,249, Cl. 62-55.500.
Marconi Avionics Limited: *See—*
  Allen, John; and Pearce, David, 4,538,863, Cl. 339-12.00R.
  Corney, John M., 4,532,630, Cl. 371-68.000.
  Ellis, Stafford M., 4,550,836, Cl. 211-41.000.
  Friedrich, Douglas S., 4,519,067, Cl. 370-78.000.
  Poole, Douglas P., 4,558,271, Cl. 323-306.000.
  Taylor, Douglas R.; and Pearce, David W., 4,543,556, Cl. 336-210.000.
Marconi Company Limited, The: *See—*
  Bowman, Roger; Peach, Robert C.; and Milverton, David R. J., 4,527,866, Cl. 350-358.000.
  Burns, John W., 4,492,939, Cl. 333-116.000.
  Byatt, Dennis W. G.; and Walker, John W., 4,510,804, Cl. 73-290.00V.
  Crowther, Paul A., 4,525,816, Cl. 367-123.000.
  Gerard, Roger E. J., 4,532,480, Cl. 330-286.000.
  Molyneux-Berry, Robert B., 4,494,167, Cl. 361-270.000.
  Richardson, Robert, 4,496,924, Cl. 336-84.00R.
  Rouse, David G.; and Wilkinson, Christopher F., 4,562,438, Cl. 343-17.10R.
  Telford, Peter, 4,529,057, Cl. 181-129.000.
  Wilkinson, Dent P., 4,532,636, Cl. 375-1.000.
  Wisbey, Philip H., 4,504,758, Cl. 310-313.00R.
  Woloszczuk, Edmund W., 4,528,568, Cl. 343-816.000.
Marconi, Gary G.: *See—*
  Boeck, LaVerne D.; Marconi, Gary G.; and Hoehn, Marvin M., 4,558,008, Cl. 435-75.000.
  Boeck, LaVerne D.; Hoehn, Marvin M.; and Marconi, Gary G., 4,558,009, Cl. 435-75.000.
  Hoehn, Marvin M.; and Marconi, Gary G., 4,495,179, Cl. 514-9.000.
Marconi Instruments Limited: *See—*
  Owen, David P., 4,518,929, Cl. 331-11.000.
  Owen, David P., 4,543,495, Cl. 307-257.000.
  Owen, David P., 4,543,542, Cl. 332-18.000.
  Smith, John L.; and Jenner, Frank H., 4,536,051, Cl. 339-117.00P.
Marconi, Paolo: *See—*
  Grassi, Gino; Cammilli, Leonardo; Alcidi, Luciano; and Marconi, Paolo, 4,556,062, Cl. 128-419.0PG.
Marconi, Walter. Cardiac valvular prosthesis of mechanical type provided with two freely moving leaflets. 4,535,484, 8-20-85, Cl. 623-2.000.
Marcotte, Louis: *See—*
  Brun, Alain M.; Marcotte, Louis; and Mellul, Myriam, 4,546,312, Cl. 324-61.00P.
Marcotte, Vincent C.: *See—*
  Koopman, Nicholas G.; and Marcotte, Vincent C., 4,492,842, Cl. 219-85.00M.
Marcoux, Bernard; and Bridon, Jean-Noel, to Rhone-Poulenc Agrochimie. Insecticidal and acaricidal combination containing a pyrethroid. 4,536,506, 8-20-85, Cl. 514-342.000.
Marcoz, Jean: *See—*
  Lecoffre, Yves; and Marcoz, Jean, 4,534,774, Cl. 55-44.000.
  Lecoffre, Yves; and Marcoz, Jean, 4,556,523, Cl. 261-123.000.

Marcroft, Brian J., to Times Mirror Company. Coin mechanism for vending machine. 4,491,213, 1-1-85, Cl. 194-1.00D.

Marcus, Arnold D.: *See*—

Sheinaus, Harold; and Marcus, Arnold D., 4,505,862, Cl. 260-501.180.

Marcus, Bonita K.: *See*—

Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., 4,500,651, Cl. 502-208.000.

Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., 4,551,236, Cl. 208-112.000.

Marcus, Daniel H., to Fingermatrix, Inc. Roll fingerprint processing apparatus. 4,553,837, 11-19-85, Cl. 356-71.000.

Marcus, Holger: *See*—

Scholdstrom, Ragnar; Marcus, Holger; and Nordstrom, Lennart, 4,508,448, Cl. 356-5.000.

Marcus, Ira R., to United States of America, Army. Package for rugged electronics. 4,513,064, 4-23-85, Cl. 428-582.000.

Marcus, Johannes W.: *See*—

Smit, Arie; and Marcus, Johannes W., 4,503,978, Cl. 211-13.000.

Marcus, Konrad H.; and Fleming, Dennis J., to Prince Corporation. Visor actuating mechanism. 4,492,404, 1-8-85, Cl. 296-97.00J.

Marcus, Konrad H.; and Cody, Michael J., to Prince Corporation. Visor with auxiliary light. 4,511,954, 4-16-85, Cl. 362-275.000.

Marcus, Konrad H., to Prince Corporation. Mounting bracket. 4,553,797, 11-19-85, Cl. 339-22.000.

Marcus, Michael A., to Eastman Kodak Company. Acoustic transducers for acoustic position sensing apparatus. 4,494,841, 1-22-85, Cl. 354-21.000.

Marcuse, Dietrich; and Presby, Herman M., to AT&T Bell Laboratories. Method for inspecting multilayer transparent rods. 4,492,463, 1-8-85, Cl. 356-73.100.

Marcusson, John-Eric: *See*—

Johansson, Kurt A.; and Marcusson, John-Eric, 4,548,003, Cl. 52-73.000.

Marcy Gymnasium Equipment Co.: *See*—

Mahnke, Parker E., 4,546,970, Cl. 272-118.000.

Mard, Kenneth C., to United Technologies Corporation. Fixed position, fixed frequency pendular-type vibration absorber with frequency linearization. 4,550,812, 11-5-85, Cl. 188-379.000.

Mardanov, Valentin P.: *See*—

Bely, Diamar I.; Mardanov, Valentin P.; Meschanov, Gennady I.; Peshkov, Izyaslav B.; Povelichenko, Anatoly P.; and Timoshin, Jury M., 4,497,867, Cl. 428-385.000.

Marder, Herbert B. Apparatus and method for dispensing medicine. 4,518,208, 5-21-85, Cl. 312-209.000.

Mardin, Mithat; Busse, Wolf-Dieter; Hoffmeister, Friedrich; Seuter, Friedel; Perzborn, Elisabeth; Schlossmann, Klaus; Mayer, Dieter; and Fiedler, Volker, to Bayer Aktiengesellschaft. Nafazatrom as a lipoxygenase inhibitor. 4,540,707, 9-10-85, Cl. 514-404.000.

Mardin, Mithat; Sundermann, Rudolf; Hoffmeister, Friedrich; Busse, Wolf-Dieter; Horstmann, Harald; and Raddatz, Siegfried, to Bayer Aktiengesellschaft. Pyrazolooxazines, pyrazolothiazines, and pryazoloquinolines and their use as medicaments. 4,552,874, 11-12-85, Cl. 514-222.000.

Mardis, Wilbur S.; and Finlayson, Claude M., to NL Industries, Inc. Modified organophilic clay complexes, their preparation and non-aqueous systems containing them. 4,517,112, 5-14-85, Cl. 252-315.200.

Mareau, Dominique, to Gimar S.A. Belt conveyor. 4,505,382, 3-19-85, Cl. 198-819.000.

Marek, Albert J., to LTV Aerospace and Defense Company. High-speed capacitor discharge circuit suitable for the protection of detonation devices. 4,536,693, 8-20-85, Cl. 320-1.000.

Marek, Raymond G.: *See*—

Batcheler, Jerry H.; and Marek, Raymond G., 4,514,722, Cl. 340-604.000.

Marelco Power Systems, Inc.: *See*—

Burgher, Peter H.; and Marsden, Raymond F., 4,496,821, Cl. 219-116.000.

Marella, Joseph P.: *See*—

Sands, Robert W.; Marella, Joseph P.; and Fink, Thomas F., Jr., 4,494,176, Cl. 362-297.000.

Marelli Autronica S.p.A.: *See*—

Guagliumi, Renato; and Perga, Giampiero, 4,541,284, Cl. 73-730.000.

Guagliumi, Renato; and Blazic, Oscar, 4,561,296, Cl. 73-118.000.

Marelli, Ernesto, to Sparano, Ottorino. Ultrasonic apparatus, particularly for liquid processing. 4,492,338, 1-8-85, Cl. 239-102.000.

Marello, Georges: *See*—

Rinn, Christian; Marello, Georges; and Vezain, Gerard, 4,529,154, Cl. 244-158.00R.

Maremont Corporation: *See*—

Adorjan, Jon M.; Kobiske, Michael H.; and Astorino, Michael P., 4,521,002, Cl. 267-8.00R.

Cubalchini, Joseph, 4,556,092, Cl. 141-98.000.

Curtis, George F., 4,492,145, Cl. 89-33.200.

Kobiske, Michael; Voigt, William; and Sharma, Kris, 4,531,618, Cl. 188-321.110.

Zavodny, Eugene N., 4,492,290, Cl. 188-322.140.

Marendaz, Georges-Andre, to Ateliers des Charmilles S.A. Apparatus and method for monitoring the machining conditions of an EDM apparatus. 4,551,809, 11-5-85, Cl. 364-474.000.

Marengo, John: *See*—

Kloots, Jacobus; and Marengo, John, 4,534,617, Cl. 350-96.200.

Marentic, Frank J., to Minnesota Mining and Manufacturing Company. Layered composite for applying graphics having areas or both mirror-like metal and patterned appearance. 4,520,053, 5-28-85, Cl. 428-31.000.

Marentic, Michael J., to Interstate Electronics Corporation. Plasma display panel drive electronics improvement. 4,492,957, 1-8-85, Cl. 340-777.000.

Maresca, Louis M., to Union Carbide Corporation. Poly(ester-carbonate)s. 4,499,257, 2-12-85, Cl. 528-173.000.

Maresca, Louis M., to Union Carbide Corporation. Aromatic polyformals. 4,544,705, 10-1-85, Cl. 525-132.000.

Maresca, Louis M.: *See*—

Kawakami, James H.; See, Benito; Jones, Thomas R.; and Maresca, Louis M., 4,520,168, Cl. 525-169.000.

Kawakami, James H.; and Maresca, Louis M., 4,558,106, Cl. 526-216.000.

Rimsa, Stephen B.; Harris, James E.; Chao, Herbert S.; and Maresca, Louis M., 4,550,140, Cl. 525-132.000.

Robeson, Lloyd M.; Harris, James E.; and Maresca, Louis M., 4,497,924, Cl. 524-151.000.

Mareschal, Jean-Claude: *See*—

Collet-Cassart, Daniel; Mareschal, Jean-Claude; and Masson, Pierre L., 4,556,642, Cl. 436-500.000.

Marets, Maurice, to Trailigaz, Compagnie Generale de l'Ozone. Process for supplying electric power to an ozonizer. 4,495,043, 1-22-85, Cl. 204-176.000.

Marey, Daniel J., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Safety stop for a variable setting stator blade pivot. 4,514,141, 4-30-85, Cl. 415-160.000.

Marez, John: *See*—

Trias, John A.; and Marez, John, 4,533,215, Cl. 350-347.00E.

Marfat, Anthony, to Pfizer Inc. Anti-inflammatory 2-methyl-2H-1,2-benzo-(or -thieno-)thiazine-3-carboxamide 1,1-dioxide derivatives, compositions, and method of use therefor. 4,551,452, 11-5-85, Cl. 514-222.000.

Marfatia, Anil: *See*—

Mommsen, Gordon V.; and Marfatia, Anil, 4,497,447, Cl. 239-691.000.

Marfurt, Hans-Rudolf: *See*—

Lacroix, Roger; and Marfurt, Hans-Rudolf, 4,560,480, Cl. 210-638.000.

Margalit, Benjamin. Photographic display device. 4,495,718, 1-29-85, Cl. 40-152.200.

Margalit, Shlomo: *See*—

Katz, Joseph; Yariv, Amnon; and Margalit, Shlomo, 4,513,423, Cl. 372-50.000.

Margaroli, Giovanni; and Gandini, Mario, to Servocavi S.p.A. Electrical connector for flat cables and assembly thereof with a flat cable. 4,560,225, 12-24-85, Cl. 339-97.00C.

Margaronis, Mihail A.; and Manzo, Richard L. Protecting veil for welding helmets. 4,556,991, 12-10-85, Cl. 2-8.000.

Margel, Shlomo; and Beitler, Uzi, to Yeda Research and Development Company. Process for the production of polyacrolein microspheres and grafted microspheres. 4,552,812, 11-12-85, Cl. 428-407.000.

Margerum, David E.: *See*—

Young, Russel L.; and Margerum, David E., 4,527,032, Cl. 219-10.61R.

Margerum, Edward S.; and Hiatt, Norman A., to Dennison Manufacturing Company. Thermal imprinting of substrates. 4,511,602, 4-16-85, Cl. 427-148.000.

Marget, Christian: *See*—

Boutonnat, Maurice; and Marget, Christian, 4,538,448, Cl. 73-27.00R.

Marghinotti, Daniele: *See*—

Canella, Marco; Marghinotti, Daniele; Bernardi, Adriano; and Sodini, Giancarlo, 4,551,335, Cl. 426-44.000.

Marginger, Melvin F.: *See*—

Barlow, Anthony; and Marginger, Melvin F., 4,543,381, Cl. 524-188.000.

Margison, Elwood R., to United Conveyor Corporation. Fluent solid material handling system. 4,558,805, 12-17-85, Cl. 222-133.000.

Margolin, George D. Resilient deformable keyboard. 4,517,421, 5-14-85, Cl. 200-1.00R.

Margolin, Mark; Grois, Igor; Herdeg, Peter K.; and Nijman, John P., to Allied Corporation. Fiber optic connector. 4,515,434, 5-7-85, Cl. 350-96.210.

Margolis, Anatoly E.: *See*—

Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A., 4,526,758, Cl. 422-122.000.

Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.

Margolis, Mark D., to Spearhead Industries, Inc. Multiple headed costume. 4,498,199, 2-12-85, Cl. 2-69.000.

Margoshes, Marvin: *See*—

Burns, Donald A.; Margoshes, Marvin; and Cassaday, Michael M., 4,526,754, Cl. 422-82.000.

Margraf, Adolf. Bag filter apparatus. 4,496,377, 1-29-85, Cl. 55-287.000.

Margrave, David L. Line insertable valve. 4,552,170, 11-12-85, Cl. 137-318.000.

Margres, John J., Jr.: *See*—

Laba, Dennis; Margres, John J., Jr.; and Burkhardt, Kristin, 4,524,062, Cl. 424-65.000.

Margulefsky, Allen L.; and Lutz, James F. Method and apparatus for rehabilitating refrigerant. 4,554,792, 11-26-85, Cl. 62-77.000.

Margules, Gary S.: *See—*
- MacGregor, David C.; and Margules, Gary S., 4,506,793, Cl. 215-32.000.

Margulies, David K. Storage and delivery magazine for skis. 4,531,644, 7-30-85, Cl. 211-70.500.

Margulies, Herman, to Sterling Drug Inc. Dispensing package for containing and dispensing articles. 4,526,291, 7-2-85, Cl. 221-63.000.

Margutti, Roberto: *See—*
- Bernareggi, Virgilio; Bonifacio, Fausto; Margutti, Roberto; and Fano, Maurizio, 4,558,054, Cl. 514-291.000.

Marhevka, John S.: *See—*
- Hagen, Donald F.; and Marhevka, John S., 4,532,219, Cl. 436-155.000.

Marhic, Gerard; Schaff, Didier; and Remy, Francis, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Arc working torches. 4,555,609, 11-26-85, Cl. 219-121.0PC.

Marhoefer, Michael, to Bodine Electric Company. Closed loop resonance compensation circuit for stepper motors. 4,540,928, 9-10-85, Cl. 318-696.000.

Marhofer, Gerd: *See—*
- Buck, Robert; Friedrich, Michael B.; Gesthuysen, Hans-Dieter; and Marhofer, Gerd, 4,525,699, Cl. 340-512.000.
- Buck, Robert; Marhofer, Gerd; and Gesthuysen, Hans-Dieter, 4,543,566, Cl. 340-512.000.

Marhoff, Paul: *See—*
- Aichinger, Horst; Marhoff, Paul; and Pfeiler, Manfred, 4,550,419, Cl. 378-099.000.

Marhold, Albrecht; and Klauke, Erich, to Bayer Aktiengesellschaft. Process for the preparation of aromatic trifluoromethyl compounds. 4,533,777, 8-6-85, Cl. 570-144.000.

Marhold, Albrecht: *See—*
- Sirrenberg, Wilhelm; Marhold, Albrecht; Hammann, Ingeborg; Krehan, Ingomar; and Stendel, Wilhelm, 4,536,587, Cl. 549-366.000.

Marianelli, Giorgio: *See—*
- Barbieri, Raul; and Marianelli, Giorgio, 4,505,596, Cl. 368-236.000.

Mariani, Beniamino: *See—*
- Dotti, Enrico; and Mariani, Beniamino, 4,497,164, Cl. 57-6.000.

Mariani, Elio A.; Stern, Richard A.; and Babbitt, Richard W., to United States of America, Army. Dielectric waveguide bandpass apparatus. 4,538,123, 8-27-85, Cl. 333-208.000.

Mariani, Lauro, to Gilardini S.p.A. Light weight wheel formed from sheet metal. 4,523,790, 6-18-85, Cl. 301-64.0SD.

Mariani, Luigi; and Tarzia, Giorgio, to Gruppo Lepetit S.p.A. 1,7-dihydro-pyrrolo[3,4-e][1,4]diazepin-2(3H)-one derivatives a process for preparing them and their use as anticonvulsant and anti-anxiety agents. 4,508,730, 4-2-85, Cl. 514-218.000.

Mariani, Piercarlo: *See—*
- Bertani, Alberto; Mariani, Piercarlo; and Lissoni, Davide, 4,552,034, Cl. 74-547.000.

Mariani, Renato: *See—*
- Charlebois, Leonard J.; Mariani, Renato; and Huszarik, Fred A., 4,528,150, Cl. 264-36.000.
- Pancotti, Santino; and Mariani, Renato, 4,512,717, Cl. 416-134.00A.

Mariano, Armando: *See—*
- Mercati, Giorgio; Mariano, Armando; Pertot, Fulvio; Glionna, Antonio; and Ferri, Mario, 4,517,355, Cl. 528-287.000.

Mariano, Arturo: *See—*
- Thurnau, Vernon L.; and Mariano, Arturo, 4,557,098, Cl. 52-712.000.

Mariano, Arturo C.: *See—*
- Barker, W. David; Heisey, Raymond K., Jr.; and Mariano, Arturo C., 4,543,760, Cl. 52-544.000.

Mariano, Charles F., to Dresser Industries, Inc. Fast responsive flowmeter transducer. 4,548,075, 10-22-85, Cl. 73-202.000.

Mariano, Kenneth E.; and Spector, George. Attic staircase. 4,550,534, 11-5-85, Cl. 52-19.000.

Marianu, Vlad, to ITT Industries, Inc. Spot-type disc brake, in particular for automotive vehicles. 4,511,019, 4-16-85, Cl. 188-72.200.

Maricle, Donald L.: *See—*
- Reiser, Carl A.; and Maricle, Donald L., 4,526,845, Cl. 429-41.000.

Marie, Georges R. P. TM_O and TE_O cavity resonator for projecting plasma confining TE_O mode components. 4,496,518, 1-29-85, Cl. 376-104.000.

Marie van Abeelen, Petrus C. A.: *See—*
- Bussink, Jan; de Munck, Johannes W. J.; and Marie van Abeelen, Petrus C. A., 4,537,930, Cl. 524-505.000.

Marien, August M.: *See—*
- Uytterhoeven, Herman J.; Gilliams, Yvan K.; De Winter, Walter F.; Marien, August M.; and De Volder, Noel J., 4,525,446, Cl. 430-117.000.

Marien, Pieter: *See—*
- Boersma, Rintje; van Wijnandsbergen, Marius F. F.; Irik, Gijsbert W.; and Marien, Pieter, 4,527,220, Cl. 361-332.000.

Marier, Gregory J., to Yamaha Hatsudoki Kabushiki Kaisha. Brake arrangement for snowmobile. 4,520,890, 6-4-85, Cl. 180-193.000.

Maries, Alan: *See—*
- Drake, Cyril F.; Maries, Alan; and Bateson, Paul F., 4,518,429, Cl. 106-14.390.

Mariisky Politekhnichesky Institut: *See—*
- Sevastyanov, Viktor V.; Furman, Yakov A.; Grebenschikov, Anatoly P.; Lysov, Viktor F.; and Shalnov, Boris N., 4,520,826, Cl. 128-422.000.

Marin, Pierre D., to Exxon Research & Engineering Co. Process for production of oxidation-resistant hydrocarbon oil composition, and oxidation-resistant composition made thereby. 4,518,481, 5-21-85, Cl. 208-19.000.

Marin Tek, Inc.: *See—*
- Missimer, Dale J.; and St. Pierre, Michael R., 4,535,597, Cl. 62-55.500.

Marinaccio, Paul J.: *See—*
- Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., 4,512,897, Cl. 210-656.000.

Marinace, John C.; and McGibbon, Ralph C., to International Business Machines Corporation. Adhesion of a photoresist to a substrate. 4,524,126, 6-18-85, Cl. 430-311.000.

Marinack, Robert J.: *See—*
- Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.
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- Cook, Harold T., Jr., 4,505,062, Cl. 43-6.500.
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Marks, Jay S.: *See—*

Chambers, James V.; Perry, T. Wayne; Lonergan, Dennis A.; and Marks, Jay S., 4,547,386, Cl. 426-583.000.

Marks, Joel S. Squeeze-ratchet tool assembly. 4,524,650, 6-25-85, Cl. 81-57.390.

Marks, Lloyd A. Computer assisted admittance plethysmograph. 4,548,211, 10-22-85, Cl. 128-694.000.

Marks, Milton, to Guardian Fasteners and Closure Systems. Extension for a screwgun. 4,510,826, 4-16-85, Cl. 81-57.370.

Marks, Rex B.: *See—*

Gill, Dee R.; and Marks, Rex B., 4,519,869, Cl. 156-428.000.

Gill, Dee R.; and Marks, Rex B., 4,528,060, Cl. 156-432.000.

Marks, Robert; Phelps, Douglas W., Jr.; Samuelsen, Sigvart J.; and Ward, William C., to International Business Machines Corporation. Highly integrated universal tape bonding. 4,551,912, 11-12-85, Cl. 29-576.00S.

Marks, Robert E.; Burton, James S.; Elvidge, John A.; and Shah, Saresh. Derivatives of acetylsalicylic acid and substituted phenylacetic acids and compositions containing them. 4,505,898, 3-19-85, Cl. 514-18.000.

Marksteiner, Gary J.: *See—*

Headlund, Larry M.; Marksteiner, Gary J.; and Sidell, Richard S., 4,524,419, Cl. 364-474.000.

Markuntovich, Felix D.: *See—*

Bragin, Boris F.; Korotkikh, Jury B.; Markuntovich, Felix D.; and Olofinsky, Evgeny P., 4,505,452, Cl. 251-326.000.

Bragin, Boris F.; Gladky, Petr V.; Markuntovich, Felix D.; Perepletchikov, Evgeny F.; Frumin, Isidor I.; and Ekber, Boris Y., 4,506,865, Cl. 251-366.000.

Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.;

Perepletchikov, Evgeny F.; and Ekber, Boris Y., 4,534,540, Cl. 251-203.000.

Markus, Franklyn M.: *See—*

Nichols, James; and Markus, Franklyn M., 4,533,179, Cl. 297-440.000.

Markus, Gerardus A., to BS&B Engineering Company Inc. Heater. 4,497,281, 2-5-85, Cl. 122-248.000.

Markus, Gerardus A., to BS&B Engineering Company Inc. Fuel inlet assemblies for fuel reactors. 4,504,213, 3-12-85, Cl. 431-116.000.

Markus Grass: *See—*

Bally, Diego, 4,531,818, Cl. 354-83.000.

Markus, Michael V.: *See—*

Barnett, George H.; and Markus, Michael V., 4,506,035, Cl. 521-53.000.

Markusch, Peter H.; Rosthauser, James W.; and Beatty, Michael C., to Mobay Chemical Corporation. Stable, aqueous dispersions of polyurethane-ureas. 4,501,852, 2-26-85, Cl. 524-591.000.

Markusch, Peter H.; Kelso, Robert G.; and Schmitt, Peter D., to Mobay Chemical Corporation. Blocked polyisocyanates with improved storage stability. 4,518,522, 5-21-85, Cl. 252-188.310.

Markwardt, Terrance L.; and Teiken, Gerald W., to Minnesota Mining and Manufacturing Company. Side entry electrical wire connector. 4,496,206, 1-29-85, Cl. 339-98.000.

Markwell, Roger E.: *See—*

Ward, Robert W.; Smith, Stephen A.; and Markwell, Roger E., 4,548,948, Cl. 514-422.000.

Marlboro Marketing, Inc.: *See—*

Howard, Fred; Edson, Sydney; Merl, Milton J.; and Di Marchi, Silvio J., 4,531,311, Cl. 40-10.00R.

Marler Haley Exposystems Ltd.: *See—*

Bannister, Brian C., 4,533,122, Cl. 256-69.000.

Marletta, Michael, to Castaldo, Louis J. Electric light balloon. 4,542,445, 9-17-85, Cl. 362-96.000.

Marlettini, Maria G.; DeNovellis, Michelangelo; Labriola, Ernesto; Salomone, Teresa; and Tomassetti, Paola, to Knoll AG. Method of treating acute pancreatitis with isometheptene. 4,522,827, 6-11-85, Cl. 514-671.000.

Marley Cooling Tower Company, The: *See—*

Kinney, Ohler L., Jr.; and Holmberg, Joyce D., 4,514,202, Cl. 55-440.000.

Kinney, Ohler L., Jr.; and Lillig, Donald J., 4,548,766, Cl. 261-112.000.

McGowan, Joseph L., 4,524,873, Cl. 212-177.000.

Marley Tile A.G.: *See—*

Cooper, Christopher A., 4,532,739, Cl. 52-57.000.

Lynn, Michael E., 4,525,500, Cl. 524-5.000.

Marley-Wylain Company, The: *See—*

Steiner, Charles W.; and Sovia, Rene D., 4,558,195, Cl. 200-83.00R.

Marlin Manufacturing Corporation: *See—*

Tymkewicz, John; Phillips, Robert L.; and Park, Richard M., 4,538,515, Cl. 101-216.000.

Marlo Company Incorporated, The: *See—*

Case, Edward M.; and Hopper, Chester S., 4,559,862, Cl. 87-1.000.

Marlor, Richard C.: *See—*

Cohen, Sheppard; Barakitis, Nikolaos; Loughridge, Frederick A.; and Marlor, Richard C., 4,524,301, Cl. 313-493.000.

Marlorny, Bertold: *See—*

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Marlow, Christopher I.; Wiltshire, Anthony R.; and Hulme, Ivan E., to British Aerospace Public Limited Company. Automatic tape laying apparatus. 4,541,886, 9-17-85, Cl. 156-230.000.

Marlow, Richard A.: *See—*

Becker, William A.; Marlow, Richard A.; and Schlags, William I., 4,550,038, Cl. 428-12.000.

Marmarosi nee Kellner, Katalin: *See—*

Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor; David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, 4,556,563, Cl. 514-258.000.

Marmet Corp.: *See—*

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Marmet, Yves, to Cossette & Associes. Information data processing and audio message delivering system. 4,491,726, 1-1-85, Cl. 235-458.000.

Marmon Group, Inc., The: *See—*

Alongi, C. J.; Miller, Jack L.; and Radzik, William W., 4,504,967, Cl. 381-65.000.

Bione, Angelo A.; and Bagus, Brian M., 4,524,665, Cl. 84-1.010.

Theilig, Arthur W.; and Poplis, John, 4,558,661, Cl. 119-43.000.

Marmonier, Andre: *See—*

Borne, Andre; Marmonier, Andre; and Ruiz, Ariel, 4,526,435, Cl. 339-103.00C.

Marney, O. Guy, Jr.; and McKinley, Henry J., Jr., to Standard Oil Company, The. Portable thermally insulated case. 4,528,439, 7-9-85, Cl. 219-386.000.

Marogil, Emmanuel. Multi-purpose portable outdoor cooking stand. 4,548,193, 10-22-85, Cl. 126-30.000.

Maroko, Peter R.: *See—*

Aberg, Gunnar A. K.; Maroko, Peter R.; and af Ekenstam, Bo T., 4,556,664, Cl. 514-330.000.

Maron, Leonard C., to Napco, Inc. Workpiece clamp assembly for electrolytic plating machine. 4,501,650, 2-26-85, Cl. 204-198.000.

Maron Products, Inc.: *See—*

Wharton, Donald J., 4,521,146, Cl. 411-1.000.

Maroney, Ralf P.; and Fishkind, Gregory A., to Plug-In Storage Systems, Inc. Storage cabinet. 4,555,744, 11-26-85, Cl. 361-212.000.

Maroney, William H., to Van Slooten, Marion, a part interest. Seedling grading machine. 4,561,546, 12-31-85, Cl. 209-586.000.

Marongiu, Jacques, to Rhone-Poulenc Specialites Chimiques. Aqueous dispersions of synthetic resins, their use as binders in adhesive compositions, and adhesive compositions obtained. 4,503,184, 3-5-85, Cl. 524-519.000.

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Maros, Ronald R., to Cooper Industries, Inc. Shielded jacketed flat cable and grounding clip for use therewith. 4,492,815, 1-8-85, Cl. 174-78.000.

Maros, Ronald R., to Cooper Industries, Inc. Connector assembly having grounding strap. 4,536,053, 8-20-85, Cl. 339-143.00R.

Maros, Ronald R., to Cooper Industries, Inc. Grounding clip for use with shielded, jacketed flat cable. 4,540,224, 9-10-85, Cl. 339-14.00R.

Marosi, Laszlo; Schlimper, Hans-Ulrich; Schwarzmann, Matthias; and Stabenow, Joachim. Preparation of zeolites. 4,551,321, 11-5-85, Cl. 423-329.000.

Marosi, Laszlo: *See—*

Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,491,637, Cl. 502-66.000.

Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,543,427, Cl. 568-342.000.

Maroszek, Raymond V., to James River-Norwalk, Inc. Folding carrier carton including split cover closure, removable trays and blanks for making same. 4,530,459, 7-23-85, Cl. 229-23.00R.

Maroti, Endre S.: *See—*

Reardon, Richard J.; Maroti, Endre S.; Roy, Colin; and Lindsay, John S., 4,558,576, Cl. 72-9.000.

Marotto, Robert A., to Kysor Industrial Corporation. Automatic deadbolt. 4,561,684, 12-31-85, Cl. 292-150.000.

Marotto, Robert A.: *See—*

Babb, John H., Jr.; and Marotto, Robert A., 4,550,939, Cl. 292-340.000.

Marouf, Mohamed A.; and Vaucil, Paul W., to AT&T Bell Laboratories. Method and apparatus for controlling signal level in a digital conference arrangement. 4,499,578, 2-12-85, Cl. 370-62.000.

Marpac Industries, Inc.: *See—*

Sykes, Donald J.; and Gendron, Gary E., 4,555,023, Cl. 206-446.000.

Marple, Elwood: *See—*

Burke, William L., Sr.; Marple, Elwood; and Suisman, A. Eileen, 4,550,602, Cl. 73-428.000.

Marple, Julian, Jr.: *See—*

Bumgardner, Dewey; and Marple, Julian, Jr., 4,561,130, Cl. 4-253.000.

Marpoe, Gary R., Jr., to AMP Incorporated. Device for use in testing printed circuit board components. 4,516,072, 5-7-85, Cl. 324-158.00F.

Marpoe, Gary R., Jr.: *See—*

Billman, Timothy B.; Coller, James R.; and Marpoe, Gary R., Jr., 4,560,218, Cl. 339-17.0CF.

Bright, Edward J.; Marpoe, Gary R., Jr.; Schuemann, Klaus D.; and Sheesley, Wilmer L., 4,498,725, Cl. 339-176.00M.

Marq Packaging Systems, Inc.: *See—*

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Beckett, Joel M., 4,517,784, Cl. 53-75.000.

Beckett, Joel M., 4,545,175, Cl. 53-69.000.

Dahlke, Douglas F., 4,516,210, Cl. 364-471.000.

Marquam, Barbara J.; and Lillie, Dana J. Dental curet sharpening guide. 4,509,268, 4-9-85, Cl. 33-201.000.

Marquardt GmbH, Firma: *See—*

Leibinger, Paul; and Steidle, Alfons, 4,523,176, Cl. 338-179.000.

Marquardt, Richard H., to Fabridyne, Inc. Particle roaster. 4,559,720, 12-24-85, Cl. 34-137.000.

Marquardt, Robert F.; Pederson, Harold T., Jr.; and Francis, Leo H., to Dairy Technology Ltd. Modified whey product and process including ultrafiltration and demineralization. 4,497,836, 2-5-85, Cl. 426-239.000.

Marquardt, Susan K.: *See—*

Hansen, Paul E.; and Marquardt, Susan K., 4,552,795, Cl. 428-110.000.

Marquer, Andre. Device for vibrating a deep frying pan. 4,561,346, 12-31-85, Cl. 99-348.000.

Marquest Medical Products, Inc.: *See—*

Bailey, Donald L., 4,521,975, Cl. 34-5.000.

Bowman, Ronald R.; and Sodal, Ingvar E., 4,560,871, Cl. 250-288.000.

Williams, Charles D., 4,501,719, Cl. 422-102.000.

Marquet, Andre: *See—*

Marino, Jean-Claude; Marquet, Andre; and Wetzel, Philippe, 4,561,306, Cl. 73-432.00R.

Marquette University: *See—*

Regen, Steven L., 4,560,599, Cl. 428-36.000.

Marquez, Alfredo D.: *See—*

Olson, David L.; and Marquez, Alfredo D., 4,534,793, Cl. 75-123.00N.

Marquez, Walter: *See—*

Cassese, Samuel E.; and Marquez, Walter, 4,546,908, Cl. 226-74.000.

Marquip, Inc.: *See—*

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Marquis, Edward T.: *See—*

Sanderson, John R.; Keating, Kenneth P.; Marquis, Edward T.; and Vanderpool, Steven H., 4,547,598, Cl. 568-922.000.

Marquis, Jean: *See—*

Lyskawa, Edmond; Roger, Paul; Marquis, Jean; and Canivez, Etienne, 4,545,860, Cl. 201-41.000.

- Marr, Leonard D. Bulk material storage and mixing apparatus. 4,506,983, 3-26-85, Cl. 366-44.000.
- Marr, Robert: *See—*
  - Wynnyckyj, John R.; Rhodes, Edward; and Marr, Robert, 4,552,098, Cl. 122-379.000.
  - Wynnyckyj, John R.; Rhodes, Edward; and Marr, Robert, 4,556,019, Cl. 122-379.000.
- Marr, Rolf; Bart, Hans-Jorg; and Wachter, Reinhard, to Vereinigte Metallwerke Ranshofen-Berndorf AG. Method of removing arsenic from a copper electrolyte. 4,503,015, 3-5-85, Cl. 423-24.000.
- Marra, Gerardo J. Tool for quick removal of knock-out plugs. 4,509,242, 4-9-85, Cl. 29-267.000.
- Marrakchi El Fellah, Abdellatif: *See—*
  - Huignard, Jean-Pierre; Herriau, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, 4,492,468, Cl. 356-347.000.
  - Huignard, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, 4,505,536, Cl. 350-3.640.
- Marras, Gaetano: *See—*
  - Barbagli, Rino O.; and Marras, Gaetano, 4,561,513, Cl. 180-6.480.
- Marraud, Alain R. P.; and Bonnet, Maurice G. Q., to Centre National de la Recherche Scientifique. Method and device for three-dimensional visualization from video signals, notably for electron microscopy. 4,506,296, 3-19-85, Cl. 358-88.000.
- Marrelli, Ronald E., to Phillips Petroleum Company. Method of utilizing energy of high pressure condensate. 4,555,310, 11-26-85, Cl. 203-10.000.
- Marrero, Raul; and Russell, Melvin E., Jr. Indicator and barrier assembly for parking space. 4,531,472, 7-30-85, Cl. 116-28.00R.
- Marrett, Rolf: *See—*
  - Stolzenberg, Konrad; Koch, Karl H.; and Marrett, Rolf, 4,552,575, Cl. 62-544.000.
- Marriage, David J.: *See—*
  - Pagdin, Brian C.; and Marriage, David J., 4,545,345, Cl. 123-299.000.
  - Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., 4,513,728, Cl. 123-527.000.
- Marrian, Christie R. K.: *See—*
  - Haas, George A.; Shih, Arnold; and Marrian, Christie R. K., 4,492,866, Cl. 250-305.000.
- Marritt, Clifford R.: *See—*
  - Dealto, Michael E.; DiGiacomo, Joseph D.; and Marritt, Clifford R., 4,537,104, Cl. 83-348.000.
- Marritt, William A.: *See—*
  - Brazdil, James F., Jr.; Marritt, William A.; and Ward, Michael D., 4,515,732, Cl. 260-465.600.
- Marrocco, Matthew L., to Cities Service Oil and Gas Corporation. Gel for retarding water flow. 4,498,540, 2-12-85, Cl. 166-295.000.
- Marron, Antonio G., to Montoya, Raul C.; and Marron, Victor G. Universal multiple angle work piece holder with multiple tool conversion features. 4,502,457, 3-5-85, Cl. 125-11.00A.
- Marron, Victor G.: *See—*
  - Marron, Antonio G., 4,502,457, Cl. 125-11.00A.
- Mars Incorporated: *See—*
  - Chittleborough, Michael, 4,503,961, Cl. 194-1.00C.
  - Dean, Robert; Reyner, Peter J.; and Heiman, Frederic P., 4,546,869, Cl. 194-99.000.
  - Durbye, Hartmut, 4,509,457, Cl. 119-1.000.
  - Eglise, David; and Ruddell, Alan J., 4,491,140, Cl. 133-8.00R.
  - French, Jack G., 4,547,709, Cl. 315-378.000.
  - Hayworth, Lawrence T., 4,521,352, Cl. 264-4.300.
  - Heiman, Frederic P., 4,493,411, Cl. 194-100.00A.
  - McLaughlin, Donald L., 4,520,451, Cl. 364-900.000.
  - Plesko, George A., 4,534,459, Cl. 194-1.00D.
- Mars, Jan: *See—*
  - Jansma, Wytze; Mars, Jan; Stoutjesdijk, Pieter G.; and Vegter, Herman J., 4,494,530, Cl. 127-69.000.
- Marschak, Howard J. Display shelf. 4,491,226, 1-1-85, Cl. 211-186.000.
- Marschall-Helman, Ellen: *See—*
  - Cherukuri, Subraman R.; Marschall-Helman, Ellen; and Hriscisce, Frank T., 4,518,615, Cl. 426-4.000.
- Marschner, Frank W.; Kenkare, Divaker B.; and Bowers, James H., to Colgate-Palmolive Company. Anhydrous antiperspirant composition. 4,526,780, 7-2-85, Cl. 424-66.000.
- Marschner, Frank W., to Colgate-Palmolive Company. Sodium bicarbonate suspension as deodorant product. 4,534,962, 8-13-85, Cl. 424-65.000.
- Marschner, Frederick J.: *See—*
  - Duke, Alan H.; Hartung, Michael H.; Marschner, Frederick J.; and Nolan, Kenneth P., 4,500,954, Cl. 364-200.000.
- Marschner, Friedemann: *See—*
  - Hiller, Heinz; Supp, Emil; Marschner, Friedemann; Kupfer, Hans; and Weidemann, Lutz, 4,559,207, Cl. 422-197.000.
  - Stonner, Hans-Martin; and Marschner, Friedemann, 4,491,573, Cl. 423-652.000.
- Marsden, Paul R.: *See—*
  - Luck, Terry C.; and Marsden, Paul R., 4,497,356, Cl. 160-135.000.
- Marsden, Raymond F.: *See—*
  - Burgher, Peter H.; and Marsden, Raymond F., 4,496,821, Cl. 219-116.000.
- Marsella, John A.; and Pez, Guido P., to Air Products and Chemicals, Inc. Synthesis of dimethylformamide. 4,558,157, 12-10-85, Cl. 564-132.000.
- Marsella, John R. Test probe. 4,504,780, 3-12-85, Cl. 324-72.500.
- Marsh, Andrew: *See—*
  - Heidmann, Kurt R.; and Marsh, Andrew, 4,503,947, Cl. 188-72.800.
- Marsh, Arvol C., Jr.: *See—*
  - Sensabaugh, Andrew J., Jr.; Parks, Ronald L.; and Marsh, Arvol C., Jr., 4,528,993, Cl. 131-290.000.
- Marsh, Barry J., to GKN Technology Limited. Composite leaf springs. 4,508,325, 4-2-85, Cl. 267-47.000.
- Marsh, Brian; Rigby, Malcolm J.; and Ward, Peter, to Pilkington Brothers P.L.C. Thermally toughening glass. 4,494,972, 1-22-85, Cl. 65-114.000.
- Marsh, Glenn A., to Union Oil Company of California. Liquid sensor and the use thereof in controlling the corrosion of pipelines. 4,506,540, 3-26-85, Cl. 73-29.000.
- Marsh, Glenn A.; and Buhl, Robert F., to Union Oil Company of California. Pipeline corrosion sensing device and method. 4,541,278, 9-17-85, Cl. 73-592.000.
- Marsh, Glenn A., to Union Oil Company of California. Galvanic anodes for submergible ferrous metal structures. 4,544,465, 10-1-85, Cl. 204-148.000.
- Marsh, Hugh R., to Thorn EMI Instruments Limited. Low charge detector. 4,535,325, 8-13-85, Cl. 340-636.000.
- Marsh, James C., Jr.: *See—*
  - Harlan, Wayne E.; and Marsh, James C., Jr., 4,511,921, Cl. 358-161.000.
- Marsh, John D.; and Nazzer, Craig A., to Caterpillar Tractor Co. Stator for an electromagnetic machine. 4,538,086, 8-27-85, Cl. 310-258.000.
- Marsh, John F.; Cleverley, John A.; and Simpkin, Dennis J., to Exxon Research & Engineering Co. Basic alkaline earth metal sulphonates. 4,557,872, 12-10-85, Cl. 260-504.00A.
- Marsh, Lawrence B., to Marsh-McBirney, Inc. Pressure level sensor. 4,549,434, 10-29-85, Cl. 73-299.000.
- Marsh, Lee M., Jr.: *See—*
  - Ong, Poen S.; Zermeno, Alfonso; Marsh, Lee M., Jr.; Hevezi, James M.; and Cowart, Ronald W., 4,521,808, Cl. 358-111.000.
  - Zermeno, Alfonso; Marsh, Lee M., Jr.; and Cowart, Ronald W., 4,539,591, Cl. 358-335.000.
- Marsh-McBirney, Inc.: *See—*
  - Marsh, Lawrence B., 4,549,434, Cl. 73-299.000.
- Marsh, Mervyn R. Drive transmission means. 4,493,188, 1-15-85, Cl. 60-468.000.
- Marsh, Preston. Bucket elevator and method of making same. 4,548,314, 10-22-85, Cl. 198-712.000.
- Marsh, Richard L.; and Wetzel, Robert E., to Dayco Corporation. Belt construction and method of making same. 4,504,342, 3-12-85, Cl. 156-138.000.
- Marsh, Richard L.; and Wetzel, Robert E., to Dayco Corporation. Long synchronous belt. 4,541,823, 9-17-85, Cl. 474-205.000.
- Marsh, Richard O., Jr. Drive fit coupling for precast concrete piles. 4,537,534, 8-27-85, Cl. 405-252.000.
- Marsh, Robert A., to Ranks Hovis McDougall, p.l.c. Production of edible protein containing substances. 4,555,485, 11-26-85, Cl. 435-68.000.
- Marsh, Robert E.; and Colburn, Michael H., to Plasworld, Inc. Water purifying apparatus with air check valve and filter condition indication. 4,502,953, 3-5-85, Cl. 210-94.000.
- Marsh, Walter H. W.: *See—*
  - Szostak, Jan; Schaeflern, Henry; and Marsh, Walter H. W., 4,497,267, Cl. 112-158.00A.
- Marshak, Michael S. Audio mixer/pre-amplifier. 4,524,452, 6-18-85, Cl. 381-28.000.
- Marshall, Albert H.: *See—*
  - Bond, Gary M.; and Marshall, Albert H., 4,504,232, Cl. 434-11.000.
- Marshall, Anthony R.: *See—*
  - Couch, Alan T.; Cruickshank, Terence D.; Davey, William L. E.; Marshall, Anthony R.; Tydd, Christopher B.; and Wakeford, David R., 4,556,017, Cl. 122-4.00D.
- Marshall, Barry R.; and Knight, Paul A., to Ambic Equipment Limited. Pressure systems for spray liquids. 4,493,619, 1-15-85, Cl. 417-307.000.
- Marshall, Bruce: *See—*
  - Marshall, Tina, 4,543,911, Cl. 119-1.000.
- Marshall, Bryce G., to Leesona Corporation. Take-up mechanism. 4,518,126, 5-21-85, Cl. 242-18.00R.
- Marshall, Cary S.; and Troyer, Scott D., to Dow Chemical Company, The. Electrolytic preparation of 3,6-dichloropicolinic acid. 4,497,697, 2-5-85, Cl. 204-73.00R.
- Marshall, Charles A.; and Ray, Jeremiah B. Catheter shield and method of use. 4,516,968, 5-14-85, Cl. 604-174.000.
- Marshall, Charles R., to Dixon Industries Corporation. Double cup sealing member for double action piston pump. 4,515,378, 5-7-85, Cl. 277-152.000.
- Marshall, Charles R., to Dixon Industries Corporation. Double flange sealing member for single action piston pump. 4,521,027, 6-4-85, Cl. 277-152.000.
- Marshall, Charles R., to Dixon Industries Corporation. One-piece sealing ring for a shaft. 4,526,388, 7-2-85, Cl. 277-206.000.
- Marshall, Charles W.: *See—*
  - Parker, Samuel S.; Marshall, Charles W.; and Money, Durward G., 4,524,683, Cl. 100-3.000.
- Marshall, Christopher B., to U.S. Philips Corporation. Direct modulation FM data receiver. 4,523,324, 6-11-85, Cl. 375-91.000.
- Marshall, Darrell R.: *See—*
  - Knowles, Robert C.; and Marshall, Darrell R., 4,492,930, Cl. 330-284.000.
- Marshall, David: *See—*
  - Hawe, Malcolm; Marshall, David; and Walker, John R., 4,537,695, Cl. 252-70.000.
- Marshall, David L., to Seragen Diagnostics Inc. Soluble insoluble polymers in enzymeimmunoassay. 4,530,900, 7-23-85, Cl. 435-7.000.

Marshall, Donald J. Vehicle car door protection system. 4,530,519, 7-23-85, Cl. 280-770.000.

Marshall, Eric J. High speed printer. 4,511,268, 4-16-85, Cl. 400-119.000.

Marshall, Frederick P.: *See—*
  Boik, Elmer J.; and Marshall, Frederick P., 4,504,009, Cl. 229-5.500.

Marshall, G. June; and Snyder, Stephen J., to University of Southern California, a part interest. Solution for surgical irrigation. 4,504,493, 3-12-85, Cl. 514-738.000.

Marshall, George C., Jr., to General Dynamics, Pomona Division. Apparatus for solder tinning of component leads. 4,491,084, 1-1-85, Cl. 118-683.000.

Marshall, George C., Jr., to General Dynamics, Pomona Division. Method for solder tinning of component leads. 4,499,120, 2-12-85, Cl. 427-123.000.

Marshall, Gerald F.: *See—*
  Keem, John E.; and Marshall, Gerald F., 4,525,853, Cl. 378-84.000.

Marshall, Glenn E. Load-absorbing mount for electromagnets. 4,523,782, 6-18-85, Cl. 294-65.500.

Marshall, Grayson: *See—*
  Gundlach, Gregory E.; and Marshall, Grayson, 4,557,954, Cl. 428-29.000.

Marshall, Hubert T., II: *See—*
  Curran, Paul F.; and Marshall, Hubert T., II, 4,524,615, Cl. 73-181.000.

Marshall, J. John: *See—*
  Woodbridge, J. Eliot; Bulbenko, George F.; and Marshall, J. John, 4,550,077, Cl. 435-22.000.

Marshall, James J.: *See—*
  Shetty, Jayarama K.; and Marshall, James J., 4,532,213, Cl. 435-225.000.

Marshall, Jay K.: *See—*
  Holberton, Philip M.; Randall, Bruce E.; and Marshall, Jay K., 4,525,669, Cl. 324-142.000.

Marshall, John P.: *See—*
  Newsome, Peter M.; Mullan, Noel A.; and Marshall, John P., 4,539,319, Cl. 514-222.000.

Marshall, Lloyd B.; and Ghebrid, Faycal, to Etudes et Fabrication Dowell Schlumberger. Quick-release coupling. 4,550,935, 11-5-85, Cl. 285-18.000.

Marshall, Marshall W., to Tyler Pipe. Adjustably extensible roof drain receptacle. 4,505,814, 3-19-85, Cl. 210-166.000.

Marshall, Michael B.: *See—*
  Dambrackas, William A.; Marshall, Michael B.; Greenstein, Larry S.; and Downie, Alex, 4,494,232, Cl. 370-80.000.

Marshall, Peter G.: *See—*
  Ziegler, Michael L.; Marshall, Peter G.; and Whipple, David L., 4,513,372, Cl. 364-200.000.

Marshall, Randall S. Articles for cooling beverages. 4,554,189, 11-19-85, Cl. 428-11.000.

Marshall, Richard P., to Goodyear Tire & Rubber Company, The. Bias cutter feeder and letoff truck. 4,545,718, 10-8-85, Cl. 414-401.000.

Marshall, Robert J.; and Le, Thu T., to GTE Products Corporation. Motor vehicle headlight with improved contact lug retention means. 4,539,504, 9-3-85, Cl. 313-113.000.

Marshall, Robert J.: *See—*
  Alexander, Kenneth E.; and Marshall, Robert J., 4,517,629, Cl. 362-267.000.

Marshall, Robert T.: *See—*
  Anderson, Maynard E.; Marshall, Robert T.; and Hulse, Mark M., 4,497,898, Cl. 436-23.000.

Marshall, Stephen; and An, Hung D., to ACI Australia Limited. Flexible container filling apparatus. 4,549,387, 10-29-85, Cl. 53-469.000.

Marshall, Steven: *See—*
  Powell, Roger M.; Marshall, Steven; and Waterworth, Philip D., 4,530,202, Cl. 53-426.000.

Marshall, Stuart R., to Framelock International Pty. Limited. Connector for framing system. 4,556,337, 12-3-85, Cl. 403-255.000.

Marshall, Tina, to Marshall, Bruce; and Marshall, Tina. Mittens for canines. 4,543,911, 10-1-85, Cl. 119-1.000.

Marshall, Vincent P.: *See—*
  Argoudelis, Alexander D.; Marshall, Vincent P.; and Wiley, Paul F., 4,505,895, Cl. 424-117.000.

Marshall, William F., to Quantic Industries, Inc. High energy switching circuit for initiator means or the like and method therefor. 4,559,875, 12-24-85, Cl. 102-218.000.

Marshall and Williams Company: *See—*
  Cavanagh, Kenneth M., 4,515,313, Cl. 239-455.000.
  Richter, Hans H., 4,497,096, Cl. 26-74.000.

Marshall, Winston S.: *See—*
  Fleisch, Jerome H.; Marshall, Winston S.; and Cullinan, George J., 4,492,704, Cl. 424-269.000.

Marsham, Peter R.; and Thomson, David S., to Imperial Chemical Industries PLC. Anti-inflammatory esters of 4-(1-hydroxy-2-[(acylamino)alkylamino]ethyl) phenols. 4,520,027, 5-28-85, Cl. 514-354.000.

Marsicano, Rosalind. Candle holder. 4,544,351, 10-1-85, Cl. 431-288.000.

Marsicek, Zdenek; Janeba, Jaroslav; Pacha, Antonin; Pastrnak, Ales; Dykast, Jaroslav; and Prazak, Roman, to Vyzkumny ustav bavinarsky. Method of and apparatus for the continuous monitoring and analysis of the operation of spinning units in an open-end spinning machine. 4,534,042, 8-6-85, Cl. 377-16.000.

Marsili, Antonio, to Laboratori Baldacci S.p.A. 2-(ω-alkylaminoalkyl)- and 2-(ω-dialkylaminoalkyl-3-(4-X-benzylidene)-phthalimidines. 4,551,453, 11-5-85, Cl. 514-234.000.

Marsland, George H., to Colt Industries Operating Corp. Tooling attachment adaptor assembly. 4,557,645, 12-10-85, Cl. 409-144.000.

Marsocci, Angelo A.; and Schuchard, Walter F., to American District Telegraph Company. Smoke detector with remote alarm indication. 4,517,555, 5-14-85, Cl. 340-522.000.

Marson Corporation: *See—*
  Todisco, Joseph, 4,525,235, Cl. 156-511.000.

Marsoner, Hermann; and Ritter, Christoph, to AVL AG. Method for making an ion-sensitive capillary electrode. 4,496,512, 1-29-85, Cl. 264-267.000.

Marsoner, Hermann; Harnoncourt, Karl; and List, Helmut, to AVL AG. Device for charging an electrochemical measuring apparatus. 4,501,296, 2-26-85, Cl. 137-625.410.

Marsoner, Hermann; Ritter, Christoph; Kleinhappl, Erich; and Strutz, Winfried, to AVL AG. Analyzing apparatus for the analysis of liquid samples. 4,512,953, 4-23-85, Cl. 422-67.000.

Marsoner, Hermann, to AVL AG. Measuring set-up with at least one sensor. 4,529,495, 7-16-85, Cl. 204-411.000.

Marsteller & Killman GmbH & Co. KG: *See—*
  Killmann, Peter A., 4,509,655, Cl. 215-309.000.

Marston Palmer Limited: *See—*
  Hayfield, Peter C. S., 4,515,673, Cl. 204-290.00F.

Martech International: *See—*
  Miller, Clyde; Hunt, Joe; and Wagner, Mark, 4,504,857, Cl. 358-99.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, to Roussel Uclaf. Tetrahydrofuran-2-ones. 4,500,720, 2-19-85, Cl. 549-313.000.

Martel, Jacques; Buendia, Jean; and Nezot, Francois, to Roussel Uclaf. Cyclopentanols. 4,501,687, 2-26-85, Cl. 252-522.00R.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, to Roussel Uclaf. Aromatic sulfonyl alkanoates and alkylnitriles. 4,501,704, 2-26-85, Cl. 260-465.00R.

Martel, Jacques; Tessier, Jean; and Teche, Andre, to Roussel Uclaf. Substituted lactones of amino acids. 4,513,139, 4-23-85, Cl. 546-196.000.

Martel, Jacques; Tessier, Jean; Demoute, Jean-Pierre; and Jolly, Jean, to Roussel Uclaf. Process for preparing cis-3-(2,2-dihalovinyl)-2,2-dimethylcyclopropanecarboxylic acid. 4,513,147, 4-23-85, Cl. 562-506.000.

Martel, Jacques; Buendia, Jean; and Nezot, Francois, to Roussel Uclaf. Method of imparting a pleasant odor. 4,521,331, 6-4-85, Cl. 252-522.00R.

Martel, Jacques; Tessier, Jean; and Teche, Andre, to Roussel Uclaf. Imino derivatives α-cyano-3-phenoxybenzyl 2,2-dimethyl-3-formyl-cyclopropane-1-carboxylate. 4,536,345, 8-20-85, Cl. 260-465.00D.

Martel, Jacques; Tessier, Jean; and Teche, Andre, to Roussel Uclaf. Process for resolution of chiral alcohols or phenols or chiral lactonic compounds. 4,540,797, 9-10-85, Cl. 549-302.000.

Martel, Jacques; Tessier, Jean; and Teche, Andre, to Roussel Uclaf. Insecticidal cyclopropane carboxylic acid derivatives with 3-unsaturated-side chain. 4,542,142, 9-17-85, Cl. 514-345.000.

Martel, Jacques; Tessier, Jean; and Teche, Andre, to Roussel Uclaf. Cyclopropane carboxylic acid derivatives. 4,547,522, 10-15-85, Cl. 514-531.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, to Roussel Uclaf. Process for the preparation of a bicyclic lactone through a sulfonated derivative. 4,554,361, 11-19-85, Cl. 549-302.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, to Roussel Uclaf. Pentenoic acid and its preparation. 4,556,732, 12-3-85, Cl. 562-577.000.

Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, to Roussel Uclaf. 4-methyl-3-formyl-pentanoic acid esters. 4,562,282, 12-31-85, Cl. 560-184.000.

Martel, Jacques: *See—*
  Nezot, Francois; Girault, Pierre; Tessier, Jean; and Martel, Jacques, 4,501,894, Cl. 548-186.000.

Martel, Lisa; Knoedler, Roy E.; and Gerken, Donald L., to Cosco, Inc. Car seat carrier. 4,545,613, 10-8-85, Cl. 297-250.000.

Martel, Rene, to American Home Products Corporation. Method of treating arthritis with etodolac. 4,533,551, 8-6-85, Cl. 514-411.000.

Martela Oy: *See—*
  Rantakari, Pekka, 4,526,334, Cl. 248-157.000.

MARTELEC Societe Civile Particuliere: *See—*
  Jacquemet, Georges, 4,553,074, Cl. 318-130.000.

Martell, Charles R.; Leslie, Elmer N.; and Treadwell, Stephen S., to Microdynamics, Inc. Automatic sewing machine and method for jacket sleeve attachment. 4,509,443, 4-9-85, Cl. 112-262.100.

Martell, Charles R.; Isett, Donald D.; and Abney, Paul A., to Microdynamics, Inc. Method and apparatus for automatically decelerating and stopping a sewing machine motor. 4,513,676, 4-30-85, Cl. 112-262.100.

Martell, Charles R.; Leslie, Elmer N.; and Treadwell, Stephen S., to Microdynamics, Inc. Method and apparatus for sewing mitered corners on a split needle bar sewing machine. 4,526,114, 7-2-85, Cl. 112-262.100.

Martell, Charles R.; Isett, Donald D.; and Treadwell, Stephen S., to Microdynamics, Inc. Method and apparatus for varying the length or stitches sewn by a sewing machine in dependence upon sewing speed. 4,548,143, 10-22-85, Cl. 112-121.110.

Martelli, Daniele, to SAES Getters S.p.A. Method to evenly heat an asymmetric getter device by induction. 4,516,945, 5-14-85, Cl. 445-19.000.

Martelli, Daniele; and Lani, Giuseppe, to SAES Getters S.p.A. Getter assembly with improved support. 4,535,267, 8-13-85, Cl. 313-481.000.

Martellock, Arthur C.: *See—*
  Field, John R.; Kocher, Haribhajan S.; and Martellock, Arthur C., 4,515,884, Cl. 430-99.000.
Marten, Edward N., to H. B. Zachry Co. Method and apparatus for cutting a trench through rock-like material. 4,542,940, 9-24-85, Cl. 299-1.000.
Marten, Finn L., to Air Products and Chemicals, Inc. Method for increasing the low temperature water solubility and the sticking temperature of fully hydrolyzed polyvinyl alcohol. 4,529,775, 7-16-85, Cl. 525-62.000.
Marten, James F., to Applied Immune Sciences, Inc. In vivo therapeutic apheresis using lipid vesicles. 4,540,401, 9-10-85, Cl. 604-28.000.
Marten, Peter; and Petermann, Klaus, to Licentia Patent-Verwaltungs-GmbH. Method and apparatus measuring absolute rotation. 4,549,806, 10-29-85, Cl. 356-350.000.
Marten, Rolf: *See—*
  Brandt, Joachim; Deblitz, Gerhard; Post, Jurgen; Willimczik, Bernd; Marten, Rolf; Paschen, Rolf; and Anderka, Gerold, 4,496,958, Cl. 346-139.00R.
Marten, Russell A.; and Townsend, Greg M., to Motorola, Inc. System for producing encoded and decoded voice, internal audio tones, and data communication within a time division muluplex network. 4,554,658, 11-19-85, Cl. 370-85.000.
Marten, Timothy J. Improvements in and relating to an acoustic guitar bridge. 4,538,498, 9-3-85, Cl. 84-298.000.
Martenas, Wayne B.; and Priepke, Edward H., to Sperry Corporation. Forage harvester recutter screen. 4,505,434, 3-19-85, Cl. 241-89.300.
Martenas, Wayne B.: *See—*
  Fagnani, Matthew V., Jr.; and Martenas, Wayne B., 4,506,840, Cl. 241-101.700.
Martens, Alan; Hobbs, Milton M.; and Snow, Bennie E., to Westinghouse Electric Corp. Anticipatory boiler feedpump suction head controller system. 4,552,099, 11-12-85, Cl. 122-451.100.
Martens, Alan; and Myers, Gerry A., to Westinghouse Electric Corp. Deaerator pressure control system for a combined cycle steam generator power plant. 4,555,906, 12-3-85, Cl. 60-660.000.
Martens, Alan; Hobbs, Milton M.; and Myers, Gerald A., to Westinghouse Electric Corp. Initial steam flow regulator for steam turbine start-up. 4,561,254, 12-31-85, Cl. 60-660.000.
Martens, George D.; Smith, Alexander B.; and Healy, Thomas D., to Automation Industries, Inc. Dual transducer connection by a single cable. 4,532,796, 8-6-85, Cl. 73-632.000.
Martens, George D., to Automation Industries, Inc. Transducer array for detection of subsurface flaws. 4,559,825, 12-24-85, Cl. 73-622.000.
Martens, Gerhard, to U.S. Philips Corporation. Apparatus for transmitting signals between two relatively rotatable parts. 4,555,631, 11-26-85, Cl. 250-551.000.
Martens, Gerhard: *See—*
  Schippers, Heinz; Lenk, Erich; Martens, Gerhard; Mayer, Manfred; Pieper, Werner; and Putsch, Siegfried, 4,504,021, Cl. 242-18.100.
Martens, Jan W. D.: *See—*
  Peeters, Winfried L.; Ponjee, Johannes J.; and Martens, Jan W. D., 4,493,887, Cl. 430-275.000.
Martens, John A.; and Williams, Brian H., to Minnesota Mining and Manufacturing Company. Processable radiation curable poly(vinyl chloride) resin compositions. 4,559,382, 12-17-85, Cl. 524-535.000.
Martens, Jurgen: *See—*
  Drauz, Karlheinz; Koban, Hans G.; Martens, Jurgen; and Schwarze, Werner, 4,524,211, Cl. 548-111.000.
  Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,511,719, Cl. 546-245.000.
  Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,551,548, Cl. 562-402.000.
  Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,562,152, Cl. 435-116.000.
  Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,562,153, Cl. 435-116.000.
Martens, Rolf: *See—*
  Anderka, Gerold; Brandt, Joachim; Deblitz, Gerhard; Martens, Rolf; Paschen, Rolf; and Willimczik, Bernd, 4,552,483, Cl. 403-288.000.
Martens, Rudolf J.: *See—*
  Cornelissen, Johannes M.; Lagerwaard, Cornelis A.; and Martens, Rudolf J., 4,547,305, Cl. 252-94.000.
Martens, Theodorus H. G.; and Sanders, Franciscus H. M., to U.S. Philips Corporation. Method of manufacturing an optically readable information disc. 4,536,415, 8-20-85, Cl. 427-40.000.
Martensson, Kaj B.: *See—*
  Dahmen, Jan E.; Magnusson, Hans G.; and Martensson, Kaj B., 4,521,592, Cl. 536-4.100.
Marterer, Karl, to Dostmann GmbH & Co. KG. Barometer. 4,543,824, 10-1-85, Cl. 73-386.000.
Martha, Eugene F., Jr., to Millipore Corporation. Container cap with frangible septum. 4,545,497, 10-8-85, Cl. 215-253.000.
Martha White Foods, Inc.: *See—*
  Jordan, J. Kirk; and Scherling, Sandra L., 4,514,426, Cl. 426-113.000.
Marthaler, Hans-Peter, to Dr. von Ballmoos AG. Apparatus for determining the pressure of capillary water, especially in soil. 4,520,657, 6-4-85, Cl. 73-73.000.
Marthoz, Roger: *See—*
  Harding, Antony; and Marthoz, Roger, 4,526,267, Cl. 198-409.000.
Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, to Zyma SA. Crystal modifications of (+)-catechin and pharmaceutical preparations containing them. 4,515,804, 5-7-85, Cl. 514-456.000.
Marti, Franz: *See—*
  Punzar, Marianne; Marti, Franz; Mercier, Robert; Tobler, Paul; and Buttiker, Rudolf, 4,552,959, Cl. 544-190.000.
Marti, Wilhelm; and Reichen, Fredy, to Boa A.G. Luzern. Apparatus for accomodating and compensating angular deflections of pipe conduits. 4,542,921, 9-24-85, Cl. 285-114.000.
Martin, Alan B.; and Jackson, Ernest V., to Mason & Hanger-Silas Mason Co., Inc. Enhanced oil recovery process and apparatus. 4,499,946, 2-19-85, Cl. 166-57.000.
Martin, Alan B.; and Jackson, Ernest V., to Mason & Hanger-Silas Mason Co., Inc. Enhanced oil recovery process. 4,546,829, 10-15-85, Cl. 166-267.000.
Martin, Albert R.: *See—*
  Cornelius, Rajendra S.; Martin, Albert R.; Lunk, Hans E.; and Mendenhall, Mark D., 4,499,438, Cl. 333-1.000.
Martin, Andrew M. Easily opened and reclosable bag and apparatus for making same. 4,549,657, 10-29-85, Cl. 206-610.000.
Martin, August, to Pfaff Industriemaschinen GmbH. Sewing machine feed mechanism. 4,555,998, 12-3-85, Cl. 112-121.120.
Martin Automatic, Inc.: *See—*
  Martin, John R., 4,519,858, Cl. 156-64.000.
  Martin, John R., 4,531,683, Cl. 242-68.300.
Martin, Bernard K., to T & R Chemicals, Inc. Antithrombotic and/or antihypertensive compositions. 4,555,522, 11-26-85, Cl. 514-449.000.
Martin, Brain; and Panzera, Carlino, to Johnson & Johnson Dental Products Company. Dental porcelain paste and method of using the same. 4,557,691, 12-10-85, Cl. 433-199.100.
Martin, Brian, to Johnson & Johnson Dental Products Company. Photopolymerizable composition including catalyst comprising diketone plus 4-(N,N-dimethylamino)benzoic acid or ester thereof. 4,525,256, 6-25-85, Cl. 204-159.180.
Martin, Charles A., to Alton Packaging Corporation. Corner protector. 4,529,091, 7-16-85, Cl. 206-586.000.
Martin, Charles F. Underwater trenching apparatus. 4,516,880, 5-14-85, Cl. 405-160.000.
Martin, Chloeta Fay: *See—*
  Martin, Theodore O., Jr., 4,505,971, Cl. 428-216.000.
Martin, Claude: *See—*
  Tomassi, Roberto; and Martin, Claude, 4,498,582, Cl. 206-427.000.
Martin, Clyde J. Golf tees and ball marker assembly. 4,516,773, 5-14-85, Cl. 273-32.00A.
Martin, Dale A.: *See—*
  Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., 4,552,730, Cl. 423-82.000.
  Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., 4,562,049, Cl. 423-82.000.
Martin, David E. Deformable shrouded water foil. 4,538,539, 9-3-85, Cl. 114-140.000.
Martin, David L., to Dow Corning Corporation. Molding process using room temperature curing silicone coatings to provide multiple release of articles. 4,534,928, 8-13-85, Cl. 264-334.000.
Martin, David O.; and Martin, Lawrence G., to Martin Door Manufacturing. End stile apparatus and method for an overhead door section. 4,492,067, 1-8-85, Cl. 52-822.000.
Martin, David R.: *See—*
  Orlando, Salvatore; and Martin, David R., 4,536,130, Cl. 417-63.000.
Martin, Derald E.: *See—*
  Castle, Nial K.; Martin, Derald E.; and Martin, Ralph D., 4,490,999, Cl. 70-432.000.
Martin, Derek J.; and Barker, Michael D., to D. Wickham and Company Limited. Overspeed safety braking device. 4,531,617, 7-30-85, Cl. 187-89.000.
Martin, Don M.: *See—*
  Martin, Ernest N.; Barner, William H.; and Martin, Don M., 4,511,067, Cl. 222-230.000.
Martin, Donald G.; and York, Donald M., to Westinghouse Electric Corp. Cooled resistor pack for brush with individually insulated strands. 4,496,933, 1-29-85, Cl. 338-55.000.
Martin, Donald R., to McGraw-Edison Company. Self-flow generating gas interrupter. 4,517,425, 5-14-85, Cl. 200-148.00A.
Martin, Donald R.: *See—*
  Veverka, Edward F.; Holmgren, Nils V.; and Martin, Donald R., 4,553,008, Cl. 200-148.00R.
Martin Door Manufacturing: *See—*
  Martin, David O.; and Martin, Lawrence G., 4,492,067, Cl. 52-822.000.
Martin, Douglas S., to Universal Dispensing Systems, Inc. Trigger sprayer. 4,503,998, 3-12-85, Cl. 222-341.000.
Martin, Edward T., to Axis Products Limited. Fluid handling device. 4,509,411, 4-9-85, Cl. 98-34.500.
Martin, Edwin L. Hyper cleaning casing brush. 4,501,322, 2-26-85, Cl. 166-173.000.
Martin, Ernest N.; Barner, William H.; and Martin, Don M. Particulate material dispensing device. 4,511,067, 4-16-85, Cl. 222-230.000.
Martin, Erwin, to Siemens Aktiengesellschaft. Transducer plate for electro-acoustic transducers. 4,494,032, 1-15-85, Cl. 310-324.000.
Martin, Eugene G., to Victor F. Weaver Holding Co., Inc. Automatic poultry breast processing machine and method. 4,503,587, 3-12-85, Cl. 17-52.000.
Martin, Eugene G.; and Risser, Dale M., to FoodCraft Equipment Company, Inc. Tendon cutter. 4,527,305, 7-9-85, Cl. 17-11.300.
Martin, Eugene J., to Pneumo Corporation. Fluid actuator with manual lock release and lock position sensor. 4,491,059, 1-1-85, Cl. 92-5.00L.

Martin, Eugene R., to SWS Silicones Corporation. Quaternary ammonium-functional silicon compounds. 4,511,727, 4-16-85, Cl. 556-418.000.

Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., to SWS Silicones Corporation. Textile finishing compositions. 4,520,176, 5-28-85, Cl. 524-598.000.

Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., to SWS Silicones Corporation. Textile finishing with durable press resin composition. 4,551,350, 11-5-85, Cl. 427-389.900.

Martin, F. Wayne; Shahbazi, Samson; and Schoonejongen, Ronald J., to Electro Materials Corp. of America. Fast curing solderable conductor. 4,535,012, 8-13-85, Cl. 427-386.000.

Martin, Francis R.: *See—*

Conway, Paul; Melody, David P.; Woods, John; Casey, J. Eisirt; Bolger, Bernard J.; and Martin, Francis R., 4,533,446, Cl. 204-159.240.

Martin, Frank E., to Westinghouse Electric Corp. Optical fiber cable construction. 4,553,815, 11-19-85, Cl. 350-96.230.

Martin, Fred E.: *See—*

Bosworth, Warren M., Jr.; and Martin, Fred E., 4,546,977, Cl. 273-73.00A.

Martin, Frederick W. Energy-stable accelerator with needle-like source and focused particle beam. 4,555,666, 11-26-85, Cl. 326-233.000.

Martin, Gary D., to AT&T Bell Laboratories. Frame synchronization and phase ambiguity resolution in QAM transmission systems. 4,494,239, 1-15-85, Cl. 375-39.000.

Martin, George; and Broucksou, Robert H., to Eaton Corporation. Electrically controlled shift actuator. 4,550,625, 11-5-85, Cl. 74-335.000.

Martin, George E. Newspaper dispensing machine. 4,518,100, 5-21-85, Cl. 221-225.000.

Martin, George L.; and Melick, Howard G., to Inresco, Inc. Multipattern electric component connecting pin base plate mounting assembly. 4,495,480, 1-22-85, Cl. 335-199.000.

Martin, Gerald L., to EER Products Inc. Heat exchanger. 4,550,773, 11-5-85, Cl. 165-54.000.

Martin, Gerard: *See—*

Develle, Guy; and Martin, Gerard, 4,514,198, Cl. 55-337.000.

Martin, Gerard J.; and Martin, Maryvonne L., to Centre National de la Recherche Scientifique. Process for the detection and the qualitative and quantitative differentiation of naturally deuterated molecules and application thereof more especially to the detection of chaptalization of wines. 4,550,082, 10-29-85, Cl. 436-24.000.

Martin GmbH fur Umwelt- und Energietechnik: *See—*

Weber, Erich, 4,520,792, Cl. 126-175.000.

Weber, Erich, 4,548,139, Cl. 110-328.000.

Martin, Gregory W., to Carrier Corporation. Tube pulling apparatus. 4,492,327, 1-8-85, Cl. 226-177.000.

Martin, H. Woods, to AE PLC. Centrifugal separator. 4,492,631, 1-8-85, Cl. 210-127.000.

Martin, Hans, to Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co. KG. Fluid friction clutch. 4,505,367, 3-19-85, Cl. 192-58.00B.

Martin, Hans, to Emhart Industries, Inc. Apparatus for reading a line marking fixed to a carrier. 4,524,270, 6-18-85, Cl. 235-494.000.

Martin, Hans; and Stuetz, Gerhard, to Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co. KG. Fluid friction clutch. 4,556,138, 12-3-85, Cl. 192-58.00B.

Martin, Harold B., Jr.: *See—*

Strange, Carl P.; Martin, Harold B., Jr.; and Tsang, Albert C., 4,537,958, Cl. 536-85.000.

Martin, Harry F., to Westinghouse Electric Corp. Steam turbine gland seal control system. 4,541,247, 9-17-85, Cl. 60-660.000.

Martin, Heino, to Deutsche Babcock Werke Aktiengesellschaft. Forced through-flow steam generator. 4,520,762, 6-4-85, Cl. 122-406.0ST.

Martin, Henri: *See—*

Le Hong, Son; and Martin, Henri, 4,548,220, Cl. 133-3.00H.

Martin, Henry, to Ciba-Geigy Corporation. Compositions, which promote plant growth and protect plants based on oxide ethers and oxime esters. 4,497,745, 2-5-85, Cl. 260-465.00D.

Martin, Henry, to Ciba-Geigy Corporation. Oxime derivatives for protecting plant crops. 4,500,347, 2-19-85, Cl. 71-97.000.

Martin, Henry, to Ciba-Geigy Corporation. Compositions, which promote plant growth and protect plants, based on oxime ethers and oxime esters. 4,518,536, 5-21-85, Cl. 260-465.00D.

Martin, Henry; and Fricker, Urs, to Ciba-Geigy Corporation. Oxime ethers, compositions containing them and the use thereof. 4,530,716, 7-23-85, Cl. 71-88.000.

Martin, Henry, to Ciba-Geigy Corporation. Compositions, which promote plant growth and protect plants, based on oxime ethers and oxime esters. 4,530,798, 7-23-85, Cl. 260-465.00E.

Martin, Henry, to Ciba-Geigy Corporation. Oxime ethers. 4,548,756, 10-22-85, Cl. 260-465.00E.

Martin, Henry: *See—*

Fory, Werner; Martin, Henry; and Pissiotas, Georg, 4,505,742, Cl. 71-93.000.

Fory, Werner; Martin, Henry; and Pissiotas, Georg, 4,554,016, Cl. 71-105.000.

Martin, Howard. Rapid X-ray developing system. 4,518,684, 5-21-85, Cl. 430-403.000.

Martin, Howard. Gauged root canal condenser spreader. 4,552,531, 11-12-85, Cl. 433-147.000.

Martin, Jack, to Brentini, Attilio. Key-holder. 4,523,442, 6-18-85, Cl. 70-459.000.

Martin, Jack E., to Noodle Corporation. Valveless free plunger and system for well pumping. 4,502,843, 3-5-85, Cl. 417-56.000.

Martin, James F.: *See—*

Carbeau, Richard W.; Martin, James F.; Lanier, John H.; and Holt, William L., 4,520,741, Cl. 110-344.000.

Martin, James L., to Caterpillar Tractor Co. Modular unit fluid pump-injector. 4,527,738, 7-9-85, Cl. 239-90.000.

Martin, James L.; McCaskie, John E.; and Toben, Michael P., to LeaRonal, Inc. Palladium plating. 4,545,868, 10-8-85, Cl. 204-47.000.

Martin, James P.: *See—*

Hubble, Fred F., III; and Martin, James P., 4,553,033, Cl. 250-353.000.

Martin, James R., Sr.: *See—*

Aicher, Frederick T.; Martin, James R., Sr.; and Flanagan, William T., 4,550,961, Cl. 339-14.00R.

Martin, Jean-Claude: *See—*

Sella, Claude; Tran-Khanh, Vien; and Martin, Jean-Claude, 4,511,451, Cl. 204-298.000.

Martin, Jean Marcel, to Les Cables de Lyon. Method of manufacturing an insulant having a self reticulating cellular structure. 4,556,581, 12-3-85, Cl. 427-29.000.

Martin, Jessie A. Vehicle headlight attachment. 4,538,213, 8-27-85, Cl. 362-61.000.

Martin, Jimmy R.: *See—*

Milberger, Lionel J.; Martin, Jimmy R.; and Mataway, Thomas P., 4,534,583, Cl. 285-24.000.

Martin, Joel L. Olefin polymerization. 4,507,449, 3-26-85, Cl. 526-122.000.

Martin, Joel L., to Phillips Petroleum Company. Process and vanadium catalyst for olefin polymerization. 4,514,514, 4-30-85, Cl. 502-121.000.

Martin, Joel L., to Phillips Petroleum Company. Process and catalyst for olefin polymerization. 4,524,195, 6-18-85, Cl. 526-114.000.

Martin, Joel L., to Phillips Petroleum Company. Olefin polymerization. 4,549,001, 10-22-85, Cl. 526-125.000.

Martin, Joel L., to Phillips Petroleum Company. Olefin polymerization. 4,559,317, 12-17-85, Cl. 502-104.000.

Martin, Joel L.: *See—*

Smith, Paul D.; and Martin, Joel L., 4,559,318, Cl. 502-110.000.

Yeh, Gene H. C.; Martin, Joel L.; and Hsieh, Henry L., 4,544,718, Cl. 526-141.000.

Yeh, Gene H. C.; Martin, Joel L.; and Hsieh, Henry L., 4,556,647, Cl. 502-102.000.

Martin, John: *See—*

Tarjan, Peter P.; Miller, Sandra L.; and Martin, John, 4,549,556, Cl. 128-785.000.

Martin, John C.; and Martin, Paul H., to Diesel Equipment Limited. Multi-part valve with a valve seat skeleton and cast valve body. 4,516,594, 5-14-85, Cl. 137-15.000.

Martin, John C.; and Martin, Paul, to Diesel Equipment Limited. Pneumatic valve. 4,526,197, 7-2-85, Cl. 137-596.200.

Martin, John C., to Diesel Equipment Limited. Truck floor board construction. 4,526,418, 7-2-85, Cl. 296-182.000.

Martin, John C., to Diesel Equipment Limited. Trip mechanism for de-activating elevator platforms. 4,556,129, 12-3-85, Cl. 187-41.000.

Martin, John C.: *See—*

Martin, Paul H.; and Martin, John C., 4,523,898, Cl. 417-269.000.

Verheyden, Julien P. H.; and Martin, John C., 4,507,305, Cl. 514-262.000.

Verheyden, Julien P. H.; and Martin, John C., 4,556,659, Cl. 514-262.000.

Martin, John E. Radio controlled vehicle within a sphere. 4,541,814, 9-17-85, Cl. 446-456.000.

Martin, John F.; and Zweifel, Charles H., to Fruehauf Corporation. Adjustable service platform apparatus for a gantry crane. 4,546,852, 10-15-85, Cl. 182-12.000.

Martin, John F.; and Ripley, Donald E., to USM Corporation. Positioning apparatus. 4,548,115, 10-22-85, Cl. 83-409.000.

Martin, John F.: *See—*

Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., 4,503,091, Cl. 427-180.000.

Simmonds, Robert C.; Gilbride, Andrew J.; and Martin, John F., 4,528,710, Cl. 12-146.00D.

Martin, John H., to Energy Cycle, Inc. Anaerobic digester. 4,551,243, 11-5-85, Cl. 210-180.000.

Martin, John H.: *See—*

Lee, May D.; Martin, John H.; Borders, Donald B.; Yao, Raymond C.; and Testa, Raymond T., 4,499,075, Cl. 424-118.000.

Martin, John H. E. J.; Kirby, Jane P.; Borders, Donald B.; Fantini, Amedeo A.; and Testa, Raymond T., to American Cyanamid Company. Antibiotic LL-BO1208α and LL-BO1208β, process of preparation, pharmaceutical composition and method of use. 4,552,867, 11-12-85, Cl. 514-18.000.

Martin, John H. E. J., deceased: *See—*

Labeda, David P.; Goodman, Joseph J.; Borders, Donald B.; Testa, Raymond T.; and Martin, John H. E. J., deceased, 4,534,970, Cl. 424-122.000.

Martin, John R., to Martin Automatic, Inc. Splicer. 4,519,858, 5-28-85, Cl. 156-64.000.

Martin, John R., to Martin Automatic, Inc. Core chuck. 4,531,683, 7-30-85, Cl. 242-68.300.

Martin, John R.: *See—*

Block, Robert S.; and Martin, John R., 4,528,589, Cl. 358-122.000.

Martin, John S., to Engineering Patents and Equipment Limited. Aircraft ejection seat system. 4,505,444, 3-19-85, Cl. 244-122.0AE.

Martin, John S., to Engineering Patents and Equipment Limited. Energy-absorbing seat arrangement. 4,523,730, 6-18-85, Cl. 244-122.00R.

- Martin-Jones, Christopher B.: *See—*
  - Collett, Geoffrey K.; Martin-Jones, Christopher B.; Tapner, Peter N.; Commander, David J.; Gilbey, Mark S.; and Berks, Robert S., 4,553,490, Cl. 112-38.000.
- Martin, Keith F.: *See—*
  - Mercer, Frank B.; and Martin, Keith F., 4,521,368, Cl. 264-514.000.
- Martin, Kelly D., to Simmons Universal Corporation. Hospital bed having safety mechanism. 4,534,077, 8-13-85, Cl. 5-424.000.
- Martin, Kelsey, to Medical Designs, Inc. Derotation leg brace. 4,503,846, 3-12-85, Cl. 128-80.00C.
- Martin, Kenneth W.: *See—*
  - Temes, Gabor C.; and Martin, Kenneth W., 4,543,534, Cl. 330-9.000.
- Martin, Larry D.; and Brown, Paul S., to Halliburton Company. Methods and cleaning compositions for removing organic materials from metallic surfaces. 4,539,134, 9-3-85, Cl. 252-156.000.
- Martin, Laura A.: *See—*
  - Rohlfing, Raymond G.; and Martin, Laura A., 4,501,286, Cl. 137-15.000.
- Martin, Laverne D., to American Can Company. Laminated packaging material. 4,556,590, 12-3-85, Cl. 428-35.000.
- Martin, Lawrence G.: *See—*
  - Martin, David O.; and Martin, Lawrence G., 4,492,067, Cl. 52-822.000.
- Martin, Lawrence L.; and Setescak, Linda L., to Hoechst-Roussel Pharmaceuticals Inc. Oxothienobenzoxepins. 4,496,580, 1-29-85, Cl. 514-443.000.
- Martin, Lawrence L.; Worm, Manfred; and Crichlow, Charles A., to Hoechst-Roussel Pharmaceuticals Inc. 4-phenyl-1,3-benzodiazepines. 4,504,680, 3-12-85, Cl. 564-265.000.
- Martin, Lawrence L.; and Setescak, Linda L., to Hoechst-Roussel Pharmaceuticals Inc. Substituted 4,10-dihydro-10-oxothieno benzoxepins. 4,514,411, 4-30-85, Cl. 514-215.000.
- Martin, Lawrence L.; and Setescak, Linda L., to Hoechst-Roussel Pharmaceuticals Inc. 6,11-dihydro-11-oxo-dibenz-[b,e]oxepin derivatives. 4,515,946, 5-7-85, Cl. 548-237.000.
- Martin, Lawrence L.; and Setescak, Linda L., to Hoechst-Roussel Pharmaceuticals Inc. Substituted alkyl amine derivatives of 6,11-dihydro-11-oxodibenz[b,e]oxepins. 4,526,891, 7-2-85, Cl. 514-253.000.
- Martin, Lawrence L.; and Setescak, Linda L., to Hoechst-Roussel Pharmaceuticals Inc. Oxothienobenzoxepins, medicinal use, and process for the preparation thereof. 4,560,701, 12-24-85, Cl. 514-443.000.
- Martin, Leslie L., Jr., to James River-Dixie/Northern, Inc. Molding of paperboard containers. 4,491,502, 1-1-85, Cl. 162-146.000.
- Martin, Lincoln A.; and Fenley, William F., Jr., to Geophysical Systems Corporation. Method of determining weathering corrections in seismic operations. 4,498,157, 2-5-85, Cl. 367-50.000.
- Martin, M.: *See—*
  - Barriquand, B.; Villard, F.; Martin, M.; Tridon, M.; and Pignal, M., 4,545,135, Cl. 34-58.000.
- Martin, Madeleine; Lesage, Jean; Courbin, Gerard; and Rivereau, Alain, to Institut Francais du Petrole. Material having high mechanical strength and density close to unity, the manufacture and uses thereof. 4,522,878, 6-11-85, Cl. 428-313.700.
- Martin, Mae E. F.: *See—*
  - John, William W.; Pilgram, Kurt H.; and Martin, Mae E. F., 4,528,027, Cl. 71-93.000.
- Martin, Manfred: *See—*
  - Stoldt, August; Stemig, Heinz; Breidohr, Hans-Gunther; and Martin, Manfred, 4,559,884, Cl. 112-262.100.
- Martin Marietta Aluminum Inc.: *See—*
  - Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., 4,526,911, Cl. 523-445.000.
- Martin Marietta Corporation: *See—*
  - Bergquist, Lyle E., 4,492,110, Cl. 73-40.700.
  - Bergquist, Lyle E., 4,534,204, Cl. 73-1.00G.
  - Djordjevic, Borislav B.; and Traugott, Stephen C., 4,507,969, Cl. 73-644.000.
  - Gerber, Arthur H., 4,519,842, Cl. 106-90.000.
  - Purcell, William O., 4,492,166, Cl. 102-384.000.
  - Thornton, Michael G.; and Clark, Benton C., III, 4,555,331, Cl. 210-99.000.
  - Tobey, William H.; Coyner, John V.; and Gardner, William J., 4,527,362, Cl. 52-71.000.
  - Tobey, William H.; Thomas, Donald A.; and Gardner, William J., 4,532,674, Cl. 16-295.000.
  - Tutle, Edward G., 4,532,757, Cl. 56-328.00R.
- Martin, Marshal H., to Indicator Controls Corporation. Solid state regulated power supply system for cold cathode luminous tube. 4,492,899, 1-8-85, Cl. 315-308.000.
- Martin, Marshal H., to Indicator Controls Corporation. Solid state regulated power supply system for cold cathode luminescent tube. 4,524,305, 6-18-85, Cl. 315-221.000.
- Martin, Mary B., executrix: *See—*
  - Labeda, David P.; Goodman, Joseph J.; Borders, Donald B.; Testa, Raymond T.; and Martin, John H. E. J., deceased, 4,534,970, Cl. 424-122.000.
- Martin, Maryvonne L.: *See—*
  - Martin, Gerard J.; and Martin, Maryvonne L., 4,550,082, Cl. 436-24.000.
- Martin, Matthew R.: *See—*
  - Giannelli, Raymond; and Martin, Matthew R., 4,560,200, Cl. 297-346.000.
- Martin, Maurice: *See—*
  - Caizergues, Paul; and Martin, Maurice, 4,491,944, Cl. 370-58.000.
- Martin, Merrill D. Axially adjustable helical cutting blades for rotary web shearing machine. 4,493,235, 1-15-85, Cl. 83-303.000.
- Martin, Merritt W., to Owens-Illinois, Inc. Blow molding apparatus. 4,523,904, 6-18-85, Cl. 425-539.000.
- Martin, Michael L., to Martin Research & Development. Arm wrestling apparatus. 4,509,747, 4-9-85, Cl. 272-136.000.
- Martin, Michael T.: *See—*
  - Boser, Ronald J.; and Martin, Michael T., 4,541,352, Cl. 112-265.200.
- Martin, Michel, to Laboratoire Lucchini S.A. Process for obtaining lacto-N-norhexaosyl ceramide. 4,521,593, 6-4-85, Cl. 536-55.300.
- Martin, Michel J. L.: *See—*
  - Mens, Jacques M. N.; Barnoin, Pierre; and Martin, Michel J. L., 4,558,837, Cl. 244-108.000.
- Martin, Millard J.: *See—*
  - Adomis, Peter P., Jr.; and Martin, Millard J., 4,519,300, Cl. 92-158.000.
- Martin, Nancy: *See—*
  - Cockfield, William; Martin, Nancy; and Murray, Barbara, 4,557,457, Cl. 248-544.000.
- Martin nee Sturdy, Shirley J.; and McDaniel, Max P., to Phillips Petroleum Company. Polymerization and catalyst. 4,560,733, 12-24-85, Cl. 526-129.000.
- Martin, Otis S. Prefabricated shingle panel. 4,548,011, 10-22-85, Cl. 52-551.000.
- Martin & Pagenstecher GmbH: *See—*
  - Bauer, Gerhard; Hees, Eckart; and Beckers, Karl-Dieter, 4,508,241, Cl. 222-600.000.
- Martin, Pamela H.: *See—*
  - Kauffman, William J.; and Martin, Pamela H., 4,521,215, Cl. 8-508.000.
- Martin, Patrick: *See—*
  - Lewis, Christopher G.; and Martin, Patrick, 4,534,795, Cl. 106-89.000.
- Martin, Patrick H.: *See—*
  - Hefner, Robert E., Jr.; Martin, Patrick H.; and Stevens, Gregory A., 4,524,178, Cl. 525-28.000.
- Martin, Paul, to Diesel Equipment Limited. Safety lock for tailgate lift. 4,540,329, 9-10-85, Cl. 414-545.000.
- Martin, Paul: *See—*
  - Martin, John C.; and Martin, Paul, 4,526,197, Cl. 137-596.200.
- Martin, Paul H. Reciprocating rotary brush. 4,490,871, 1-1-85, Cl. 15-21.00R.
- Martin, Paul H.; and Martin, John C., to Diesel Equipment Limited. Hydraulic wobble pumps. 4,523,898, 6-18-85, Cl. 417-269.000.
- Martin, Paul H.: *See—*
  - Martin, John C.; and Martin, Paul H., 4,516,594, Cl. 137-15.000.
- Martin, Peter, to Philip Morris Incorporated. Rotary beam chopper with continuously variable duty cycle. 4,499,362, 2-12-85, Cl. 219-121.0LA.
- Martin, Peter: *See—*
  - Banyasz, Joseph L.; Owens, Cassandra D.; Mooz, Elizabeth D.; Lilly, A. Clifton, Jr.; Martin, Peter; Merritt, Henry B.; and Semp, Bernard A., 4,497,330, Cl. 131-291.000.
- Martin, Pierre, to Ciba-Geigy Corporation. Process for producing 1,2,5,6-tetrahydro-4H-pyrrolo-[3,2,1-ij]-quinolin-4-one. 4,550,165, 10-29-85, Cl. 546-94.000.
- Martin, Pierre: *See—*
  - Behringer, John; and Martin, Pierre, 4,523,720, Cl. 241-37.500.
  - Boger, Manfred; Ehrenfreund, Josef; Martin, Pierre; and Steiner, Eginhard, 4,511,571, Cl. 514-351.000.
  - Wetter, Hansjurg; Baumeister, Peter; Radimerski, Paul; and Martin, Pierre, 4,556,717, Cl. 548-262.000.
- Martin, Pierre M.: *See—*
  - Jeanrat, Roger G.; Martin, Pierre M.; and Hardy, Georjes, 4,524,680, Cl. 99-277.100.
- Martin Processing, Inc.: *See—*
  - Hodnett, William P., III, 4,557,980, Cl. 428-336.000.
- Martin, Rabian M.: *See—*
  - Ekeleme, Charles E., Jr.; and Martin, Rabian M., 4,543,987, Cl. 137-540.000.
- Martin, Ralph D.: *See—*
  - Castle, Nial K.; Martin, Derald E.; and Martin, Ralph D., 4,490,999, Cl. 70-432.000.
- Martin, Raymond G. Badminton shuttlecock. 4,519,613, 5-28-85, Cl. 273-417.000.
- Martin, Raymond H.; Garganese, Ugo S.; and Griffin, John R. Custom denture fabrication technic. 4,517,043, 5-14-85, Cl. 156-196.000.
- Martin, Raymond H.: *See—*
  - Garganese, Ugo S.; Griffin, John R.; and Martin, Raymond H., 4,500,289, Cl. 433-54.000.
- Martin Research & Development: *See—*
  - Martin, Michael L., 4,509,747, Cl. 272-136.000.
- Martin, Richard A.; and Bialobrzeski, Walter, to Dick Martin Design Ltd. Method of forming thermoplastic perforated sheet. 4,555,378, 11-26-85, Cl. 264-292.000.
- Martin, Richard A., to Dick Martin Design Ltd. Curved needlepoint canvas. 4,555,429, 11-26-85, Cl. 428-131.000.
- Martin, Richard R.; and Jaeger, Kurt S., to John Zink Company. Staged fuel and air for low NO_x burner. 4,505,666, 3-19-85, Cl. 431-175.000.
- Martin, Richard T., to Applied Magnetics Corporation. Apparatus for indexing and registering a selected deposition mask to a substrate and method therefor. 4,492,180, 1-8-85, Cl. 118-704.000.

Martin, Ricky T., Sr. Archery broadhead. 4,505,482, 3-19-85, Cl. 273-421.000.
Martin, Robert A.: *See—*
  Anderson, Frank E.; and Martin, Robert A., 4,559,961, Cl. 134-166.00R.
Martin, Robert C., to Texas Instruments Incorporated. A high speed, non-inverting circuit for providing an interface between TTL logic gates and Schottky transistor logic gates. 4,536,664, 8-20-85, Cl. 307-475.000.
Martin, Robert E.: *See—*
  Gilbert, Wilbur E.; Martin, Robert E.; and Belonger, Donald P., 4,508,387, Cl. 297-429.000.
Martin, Robert G.: *See—*
  Bolte, Steven B.; Brewington, Grace T.; Davidson, Theodore; Koehler, Richard F., Jr.; and Martin, Robert G., 4,497,570, Cl. 355-16.000.
  Reece, John M.; Martin, Robert G.; and Franzel, John R., 4,510,572, Cl. 364-489.000.
Martin, Robert J.; Cisko, Lawrence W.; and Turley, Bernard C., to Aluminum Company of America. Frozen electrolyte bath removal apparatus. 4,510,033, 4-9-85, Cl. 204-245.000.
Martin, Robert J.: *See—*
  Ray, John M., III; and Martin, Robert J., 4,499,550, Cl. 364-606.000.
Martin, Robert J., III, to General Electric Company. Arrangement for providing signalling tones and volume control signals. 4,528,696, 7-9-85, Cl. 455-73.000.
Martin, Robert K.: *See—*
  Albright, John P.; Martin, Robert K.; and Dyson, John A., 4,493,323, Cl. 128-340.000.
Martin, Robin A., to Wilson Sporting Goods Co. Impact resistant high air retention bladders. 4,513,058, 4-23-85, Cl. 428-336.000.
Martin, Ronald B.: *See—*
  Chan, Dominic K.; Lee, Kwok P.; and Martin, Ronald B., 4,556,972, Cl. 370-60.000.
Martin, Ronald C. Method of making a prototype from concept drawings. 4,555,836, 12-3-85, Cl. 29-428.000.
Martin, Ronald J., to Honeywell Inc. Automated inspection of hot steel slabs. 4,561,104, 12-24-85, Cl. 382-8.000.
Martin, Ronald J.: *See—*
  Ashbee, William H.; Janssen, Donovan M.; Martin, Ronald J.; and Seaward, William S., 4,511,242, Cl. 355-14.00C.
Martin Saint Leon, Daniel, to Estee Lauder Inc. Method of fabricating container with metal skin. 4,546,529, 10-15-85, Cl. 29-455.00R.
Martin, Samuel W., to LQ Corporation. Sheet feeder. 4,523,869, 6-18-85, Cl. 400-629.000.
Martin-Smith, Michael: *See—*
  Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, 4,536,508, Cl. 514-383.000.
  Price, Barry J.; Clitherow, John W.; Bradshaw, John; Martin-Smith, Michael; Judd, Duncan B.; and Hayes, Roger, 4,524,071, Cl. 514-272.000.
Martin, Steven J. Fireplace starter. 4,522,585, 6-11-85, Cl. 431-344.000.
Martin, Sylvia, to OMI International Corporation. Zinc electroplating and baths therefore containing carrier brighteners. 4,541,906, 9-17-85, Cl. 204-55.00R.
Martin, Sylvia: *See—*
  Strom, Alice M.; Herr, R. Wilbur; and Martin, Sylvia, 4,515,663, Cl. 204-44.200.
Martin, Ted, Jr.: *See—*
  Martin, Theodore O., Jr., 4,505,971, Cl. 428-216.000.
Martin, Tellis A.: *See—*
  Dolak, Terence M.; and Martin, Tellis A., 4,495,194, Cl. 514-323.000.
  Dolak, Terence M.; and Martin, Tellis A., 4,505,911, Cl. 514-229.000.
Martin, Theodore O., Jr., to Martin, Ted, Jr.; and Martin, Chloeta Fay. Fluoroplastic and metal laminate having rubber compound bonded layers. 4,505,971, 3-19-85, Cl. 428-216.000.
Martin, Thomas E. Duplicating attachment for lathe. 4,527,602, 7-9-85, Cl. 142-55.000.
Martin, Thomas E.: *See—*
  Butler, Donald L.; and Martin, Thomas E., 4,531,382, Cl. 62-375.000.
Martin, Timothy J.; Page, Bernard T.; and Hooper, Francis H. A., to Lucas Industries Public Limited Company. Automatic adjuster for shoe-drum brake. 4,546,861, 10-15-85, Cl. 188-79.5GE.
Martin, Timothy J., Jr.; and Henry, Richard T., to Light Industrial Company. Venting closure assembly for a milk tank. 4,541,544, 9-17-85, Cl. 220-374.000.
Martin, Tony E., to Moog Automotive, Inc. Service tool means for rack and pinion steering systems. 4,515,042, 5-7-85, Cl. 81-55.000.
Martin, Trevor I.: *See—*
  Winnik, Francoise M.; and Martin, Trevor I., 4,562,135, Cl. 430-106.000.
Martin, Virgil B.: *See—*
  Fleming, Philip F.; Martin, Virgil B.; Villers, Roger L.; and Shutes, Jaime J., 4,496,105, Cl. 241-32.000.
Martin, Wayne: *See—*
  St. John, Frank; and Martin, Wayne, 4,548,879, Cl. 427-96.000.
Martin, Wayne A.; and Modic, Justin G., to United States Steel Corporation. Method and apparatus for performing multiple closed and semi-closed operations on an open die press. 4,497,194, 2-5-85, Cl. 72-356.000.
Martin, Wayne A., to United States Steel Corporation. Method and apparatus for making single cranks for built-up crankshafts used in large engines. 4,516,299, 5-14-85, Cl. 29-6.000.
Martin, Wayne A.; and Modic, Justin G., to United States Steel Corporation. Method and apparatus for performing multiple closed and semi-closed operations on an open die press. 4,545,232, 10-8-85, Cl. 72-356.000.
Martin, William A.; and Lee, James K., to Eastman Kodak Company. Multifunction electromagnetic actuator and camera control apparatus emloying same. 4,504,132, 3-12-85, Cl. 354-195.100.
Martin, William A., to Eastman Kodak Company. Camera flash holder. 4,556,303, 12-3-85, Cl. 354-141.000.
Martin, William A.: *See—*
  Herman, George R.; and Martin, William A., 4,536,125, Cl. 415-5.000.
Martin, William E. Apparatus and method of making cartons. 4,545,780, 10-8-85, Cl. 493-11.000.
Martin, William J.; Carr, Keith E.; and Peterson, Edward C., to Whirlpool Corporation. Convertible vacuum and powder carpet cleaner. 4,549,328, 10-29-85, Cl. 15-338.000.
Martin, William W., Jr.; and French, David W., to J-M Manufacturing Co., Inc. Apparatus for introducing a foamable plastic insulation into the space defined by an inner core pipe and an outer casing pipe while maintaining the spacing of the pipes. 4,522,578, 6-11-85, Cl. 425-110.000.
Martin, Yolanda E.: *See—*
  Jacobi, Stephen F.; Haight, Robert E.; Schletzbaum, John W.; Martin, Yolanda E.; and Lang, Stephen P., 4,500,874, Cl. 340-607.000.
Martinak, Bonifac. Device and method for repair of pot holes. 4,507,013, 3-26-85, Cl. 404-75.000.
Martinec, Eugene F., to Health-Mor, Inc. Power nozzle sudser for canister type vacuum cleaner. 4,507,819, 4-2-85, Cl. 15-321.000.
Martinek, John J., to Evans Products Company. Hammer for automobile shredding mills. 4,558,826, 12-17-85, Cl. 241-189.00R.
Martinek, Thomas W., to Teepak, Inc. Meat former apparatus. 4,557,018, 12-10-85, Cl. 17-49.000.
Martinek, Thomas W., to Teepak, Inc. Size control system for automatic sausage stuffing. 4,558,488, 12-17-85, Cl. 17-41.000.
Martinelli, Edoardo: *See—*
  Fontanella, Luigi; Martinelli, Edoardo; and Assandri, Alessandro, 4,528,297, Cl. 514-392.000.
Martinelli, Lawrence G., to Verbatim Corporation. Method of manufacturing reinforced flexible disks. 4,539,220, 9-3-85, Cl. 427-44.000.
Martinet, Pascal: *See—*
  Gauchet, Yves; Crinquette, Andre; Martinet, Pascal; and Lestradet, Denis, 4,530,465, Cl. 239-127.000.
Martinez, Angel C., to Borg-Warner Corporation. Mechanical seal assembly. 4,558,870, 12-17-85, Cl. 277-15.000.
Martinez, Arthur T.; and Kilstofte, Richard B., to T.A.D. Avanti, Inc. Slide selector switch. 4,492,828, 1-8-85, Cl. 200-5.00R.
Martinez, Arthur T., to T.A.D. Avanti, Inc. Cassette ejector mechanism. 4,527,209, 7-2-85, Cl. 360-96.500.
Martinez, Charles H.: *See—*
  Allan, David E.; and Martinez, Charles H., 4,534,851, Cl. 208-48.00R.
Martinez, Danilo C.: *See—*
  Hoyt, Harold C., Jr.; Martinez, Danilo C.; and Philipak, Stanley M., 4,523,077, Cl. 219-137.0PS.
Martinez, Federico. Weighing dividing machines. 4,526,213, 7-2-85, Cl. 141-18.000.
Martinez, Felix J.: *See—*
  Amiot, Bruce P.; Fuller, Larry E.; Martinez, Felix J.; Cosentino, Louis C.; Harm, William H.; and Nelson, Wayne I., 4,517,081, Cl. 210-85.000.
Martinez, Ferdinand, to Coulter Systems Corporation. Image transfer material. 4,529,650, 7-16-85, Cl. 428-336.000.
Martinez, Ferdinand: *See—*
  Kuehnle, Manfred R.; Martinez, Ferdinand; Runyan, I. V.; and Barry, Carol M. F., 4,510,223, Cl. 430-44.000.
  Kuehnle, Manfred R.; and Martinez, Ferdinand, 4,510,225, Cl. 430-126.000.
Martinez, Freddy: *See—*
  Stefanescu, Doru M.; and Martinez, Freddy, 4,501,612, Cl. 75-124.000.
Martinez, Kenneth; and Betts, William L., to Paradyne Corporation. Normalized error compensator for modems using radial amplitude modulation for multiplexing. 4,534,026, 8-6-85, Cl. 370-100.000.
Martinez, Kenneth: *See—*
  Betts, William L.; and Martinez, Kenneth, 4,534,036, Cl. 375-10.000.
  Betts, William L.; and Martinez, Kenneth, 4,555,790, Cl. 375-39.000.
  Bremer, Gordon; Betts, William; and Martinez, Kenneth, 4,532,640, Cl. 375-120.000.
Martinez, Louis, to McGraw-Edison Company. Broadcast synchronization and supervision system. 4,513,415, 4-23-85, Cl. 370-92.000.
Martinez, Louis, to McGraw-Edison Company. FM communication system. 4,517,562, 5-14-85, Cl. 340-825.070.
Martinez, Louis, to McGraw-Edison Company. Method and apparatus for automatically establishing telephone communication links. 4,518,822, 5-21-85, Cl. 179-2.00E.
Martinez, Maria N., to AT&T Bell Laboratories. Management of defects in storage media. 4,498,146, 2-5-85, Cl. 364-900.000.

Martinez, Miguel R.; and Mitchell, William J., Jr., to RCA Corporation. Press workpiece thickness measuring system and method. 4,548,066, 10-22-85, Cl. 73-1.00J.

Martinez, Oscar G.: *See—*

Tapia, Graciano J.; and Martinez, Oscar G., 4,559,381, Cl. 524-405.000.

Martinez-Vera, Enrique; Guerra-Garcia, Gilberto; and Tovalin, Jose L. L., to Hylsa, S.A. Double valve assembly. 4,498,498, 2-12-85, Cl. 137-613.000.

Martinez Vera, Enrique R.; and Becerra-Novoa, Jorge O., to Hylsa, S.A. Method of reducing iron ore. 4,528,030, 7-9-85, Cl. 75-35.000.

Martinez-Vera, Enrique R.; and Bustani-Adem, Alberto, to Hylsa, S.A. Process for the direct reduction of iron ores. 4,556,417, 12-3-85, Cl. 75-35.000.

Martini, Emilio: *See—*

Credali, Lino; Martini, Emilio; and Lori, Domenico, 4,500,594, Cl. 428-284.000.

Martini, Helmut: *See—*

Bressert, Edgar; Gulich, Gerhard; Martini, Helmut; Meny, Rudi; Sauer, Roland; and Wohr, Rolf, 4,543,570, Cl. 340-589.000.

Martini, Leo A. Vibratory rotary drilling tool. 4,502,552, 3-5-85, Cl. 175-56.000.

Martini, Thomas: *See—*

Schonberger, Norbert; Schinzel, Erich; Martini, Thomas; and Rosch, Gunter, 4,508,900, Cl. 546-99.000.

Martinic, Jack: *See—*

Mackiewicz, John E.; and Martinic, Jack, 4,539,892, Cl. 91-391.00R.

Martinich, Steven J.: *See—*

Jones, Hugh D.; and Martinich, Steven J., 4,519,717, Cl. 374-17.000.

Juodikis, Peter; and Martinich, Steven J., 4,528,635, Cl. 364-501.000.

Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, to Kozponti Banyaszati Fejlesztesi Intezet; and Varpalotai Szenbenyak. Mining equipment, mainly for extraction of heavy beds. 4,547,098, 10-15-85, Cl. 405-291.000.

Martinmaas, Werner W. Adjustable socket for socket wrenches. 4,520,698, 6-4-85, Cl. 81-128.000.

Martino, Germain: *See—*

Juguin, Bernard; Martino, Germain; and Miquel, Jean, 4,498,907, Cl. 44-56.000.

Martino, Phillip C., to SCM Corporation. Thermosetting acrylic latexes. 4,499,212, 2-12-85, Cl. 523-201.000.

Martino, Phillip C.; and Winner, Peter P., to SCM Corporation. Self-curing water dispersed polymer blends. 4,503,173, 3-5-85, Cl. 523-407.000.

Martino, Phillip C.; and Winner, Peter P., to SCM Corporation. Aqueous self-curing polymeric blends. 4,522,961, 6-11-85, Cl. 523-407.000.

Martinola, Friedrich, to Bayer Aktiengesellschaft. Process for internal regeneration of ion exchanger resins in mixed bed filters, and mixed bed filters for carrying out the process. 4,519,916, 5-28-85, Cl. 210-678.000.

Martinola, Friedrich, to Bayer Aktiengesellschaft. Counter-current adsorption filters for the treatment of liquids and a method of operating the filter. 4,519,917, 5-28-85, Cl. 210-678.000.

Martinot, Bernard: *See—*

Grasset, Daniel; and Martinot, Bernard, 4,534,942, Cl. 422-117.000.

Martinovich, Robert J.; Mathis, Ronald D.; and Shiflet, Roger T., to Phillips Petroleum Company. Polymer compositions. 4,548,971, 10-22-85, Cl. 524-101.000.

Martinovich, Robert J.: *See—*

Garcia, Rodrigo A.; and Martinovich, Robert J., 4,525,516, Cl. 524-380.000.

Martinowich, John N.: *See—*

Triner, Irvin R.; and Martinowich, John N., 4,514,030, Cl. 339-176.0MP.

Martinray Industries Ltd.: *See—*

Labelle, Henri M. R., 4,497,357, Cl. 160-199.000.

Martins, Alice J., executrix: *See—*

Donermeyer, Donald D.; Martins, Joseph G., deceased; and Martins, Joseph C., executor, 4,548,996, Cl. 525-420.500.

Martins, Joseph C., executor: *See—*

Donermeyer, Donald D.; Martins, Joseph G., deceased; and Martins, Joseph C., executor, 4,548,996, Cl. 525-420.500.

Martins, Joseph G.: *See—*

Donermeyer, Donald D.; Martins, Joseph G.; and Fabel, David A., 4,542,047, Cl. 427-374.400.

Martins, Joseph G., deceased: *See—*

Donermeyer, Donald D.; Martins, Joseph G., deceased; and Martins, Joseph C., executor, 4,548,996, Cl. 525-420.500.

Martinsson, Mats H.: *See—*

Lundberg, Jan A.; Wallgren, Goran T. L.; and Martinsson, Mats H., 4,493,543, Cl. 354-109.000.

Martio, Asko; Reitmaa, Ilpo; and Lautamo, Esa, to Kone Oy. Electrocardiograph (ECG) electrode testing system. 4,498,479, 2-12-85, Cl. 128-639.000.

Marton, George: *See—*

Marton, Miksa; and Marton, George, 4,516,358, Cl. 51-119.000.

Marton, Giulio, to Necchi Societa per Azioni. Production of machine elements with protection cages connected therewith by means of a single casting operation. 4,499,939, 2-19-85, Cl. 164-23.000.

Marton, Janet L.: *See—*

Goodwin, Anton E.; Marton, Janet L.; Owens, Robert M.; Whisenhunt, Jackie W.; and Swain, Roy D., 4,528,162, Cl. 422-101.000.

Marton, Miksa; and Marton, George. Clutch assembly for sanding head. 4,516,358, 5-14-85, Cl. 51-119.000.

Marton, Miska. Stick-on abrasive disc. 4,558,542, 12-17-85, Cl. 51-358.000.

Martone, John A.: *See—*

Hwo, Charles C.; Klingensmith, George B.; and Martone, John A., 4,554,321, Cl. 525-240.000.

Martorana, Piero: *See—*

Schonafinger, Karl; Bohn, Helmut; Just, Melitta; and Martorana, Piero, 4,558,058, Cl. 514-342.000.

Martorana, Piero A.: *See—*

Raabe, Thomas; Bohn, Helmut; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,532,239, Cl. 514-247.000.

Schonafinger, Karl; Beyerle, Rudi; Bohn, Helmut; Just, Melitta; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,551,454, Cl. 514-252.000.

Martorano, Joseph A.: *See—*

Watkins, Randy W.; Bell, Robert J.; Martorano, Joseph A.; and Essinger, Walter F., 4,559,535, Cl. 340-793.000.

Marts, Maynard W.: *See—*

Barnes, Pierre D.; and Marts, Maynard W., 4,524,947, Cl. 251-129.000.

Martschik, Walter: *See—*

Korkemeier, Hans; Martschik, Walter; and Klieber, Josef, 4,561,387, Cl. 123-41.310.

Martucci, James P.: *See—*

Barreras, Francisco J.; and Martucci, James P., 4,558,702, Cl. 128-419.0PG.

Martus, Charles R.: *See—*

Slavin, Michael; Martus, Charles R.; and Miller, Ellsworth S., 4,561,631, Cl. 251-129.200.

Martus, Don. Chambered bottle cap. 4,502,604, 3-5-85, Cl. 215-206.000.

Marty, Claude; and Engelhard, Philippe, to Compagnie Francaise de Raffinage. Process for the pretreatment of light olefin fractions. 4,520,225, 5-28-85, Cl. 585-832.000.

Marty, Urs. Articulator. 4,536,161, 8-20-85, Cl. 434-264.000.

Martynov, Apollinary K.: *See—*

Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.

Martynov, Genrich I.: *See—*

Yetselev, Zinovy N.; and Martynov, Genrich I., 4,544,016, Cl. 164-467.000.

Maru, Hansraj C.; and Farooque, Mohammad, to Energy Research Corporation. Fuel cell system with electrolyte conservation and/or replenishment. 4,530,887, 7-23-85, Cl. 429-16.000.

Maru, Hideki; and Mitsui, Tetsuro, to Honda Giken Kogyo Kabushiki Kaisha. Trailing link type beam suspension. 4,544,180, 10-1-85, Cl. 280-689.000.

Maru Kikai Kogyo Co., Ltd.: *See—*

Hongo, Toshio, 4,532,792, Cl. 72-319.000.

Marugame, Kazuo: *See—*

Katayama, Sakae; Asano, Tadahiko; Marugame, Kazuo; Kanada, Sadaoki; and Kawasaki, Yoshinari, 4,512,552, Cl. 253-389.00R.

Maruhashi, Shigeaki: *See—*

Yamauchi, Takashi; Maruhashi, Shigeaki; Koike, Shinkichi; and Yamada, Keizo, 4,525,209, Cl. 75-51.500.

Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, to Toyo Seikan Kaisha, Ltd. Resin composition excellent in drawability. 4,500,677, 2-19-85, Cl. 525-57.000.

Maruhashi, Yoshitsugu; and Hirata, Sadao, to Toyo Seikan Kaisha, Ltd. Composite vessel excellent in preservability and process for preparation thereof. 4,551,366, 11-5-85, Cl. 428-35.000.

Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, to Toyo Seikan Kaisha, Ltd. Films, sheets, laminates and molded articles having gas barrier properties. 4,562,118, 12-31-85, Cl. 428-412.000.

Maruho Co., Ltd.: *See—*

Chikazawa, Nobumoto; Muraoka, Toshiharu; and Fujii, Setsuro, 4,550,076, Cl. 435-18.000.

Marui, Kuniyoshi: *See—*

Sekigawa, Tatsuaki; Gotoh, Akio; Tsutsumi, Syuitsu; Marui, Kuniyoshi; and Honda, Naoto, 4,509,201, Cl. 455-73.000.

Yasuda, Hiroshi; and Marui, Kuniyoshi, 4,558,178, Cl. 179-2.00E.

Maruichi, Takanori; and Hagita, Shoji, to Sony Corporation. Apparatus for recording and/or reproducing video and audio signals. 4,559,567, 12-17-85, Cl. 360-10.300.

Maruko, Morihisa: *See—*

Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, 4,492,638, Cl. 210-728.000.

Muroi, Katsumi; Yamamoto, Akio; Nakamura, Yoichi; Takahashi, Toshihiko; and Maruko, Morihisa, 4,559,060, Cl. 44-23.000.

Maruko, Saburo: *See—*

Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, 4,528,251, Cl. 429-25.000.

Maruko Seiyaku Co., Ltd.: *See—*

Ohno, Sachio; Mizukoshi, Kiyoshi; Komatsu, Osamu; Nagasaka, Mitsuaki; and Nakamura, Yoshiki, 4,496,735, Cl. 546-301.000.

Marukokeihouki Co., Ltd.: *See—*

Kobayashi, Shigeru, 4,540,975, Cl. 340-388.000.

Maruma Jyusharyo Kabushikigaisha: *See—*

Moriki, Yasumitsu; Sato, Tadashi; Yamamoto, Kazuyoshi; and Takahashi, Izumi, 4,543,818, Cl. 73-49.800.

Numakura, Hirotomo, 4,531,355, Cl. 59-11.000.

Maruno, Yoshiaki: *See*—
  Takeuchi, Hiroshi; and Maruno, Yoshiaki, 4,512,435, Cl. 181-170.000.

Maruo, Masatsuyo: *See*—
  Nakata, Kazuo; Maruo, Masatsuyo; and Asano, Kiyoshi, 4,539,261, Cl. 428-403.000.

Maruoka, Sigehiro, to Honda Motor Co., Ltd. Synthetic resin windscreen for motorcycles, motor tricycles, etc. 4,514,006, 4-30-85, Cl. 296-78.100.

Marus, Rudolf A.: *See*—
  Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.

Marushima, Hironari: *See*—
  Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Marusho Industrial Co., Ltd.: *See*—
  Tarui, Yuichi; and Obayashi, Toshio, 4,508,589, Cl. 156-584.000.

Marusik, C. Lee, to Rockwell International Corporation. Master and slave power supply control circuits. 4,520,275, 5-28-85, Cl. 307-64.000.

Maruska, H. Paul: *See*—
  Moustakas, Theodore D.; and Maruska, H. Paul, 4,508,609, Cl. 204-192.00S.
  Moustakas, Theodore D.; and Maruska, H. Paul, 4,528,082, Cl. 204-192.00S.

Maruta, Keiichi; and Yuyama, Yukihiro, to Ricoh Company, Ltd. Thermosensitive recording material. 4,551,738, 11-5-85, Cl. 346-200.000.

Maruta, Keiji: *See*—
  Suzuki, Junichi; Maruta, Keiji; Noborimoto, Kazutaka; and Hineno, Satoshi, 4,507,765, Cl. 369-45.000.

Maruta, Rikio: *See*—
  Aiko, Shinichi; Maruta, Rikio; and Nishitani, Takao, 4,554,670, Cl. 375-30.000.

Maruyama, Akira: *See*—
  Hatano, Takashi; and Maruyama, Akira, 4,497,878, Cl. 428-698.000.

Maruyama, Eiichi: *See*—
  Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,816, Cl. 313-366.000.
  Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.
  Shiraki, Yasuhiro; Murayama, Yoshimasa; Katayama, Yoshifumi; and Maruyama, Eiichi, 4,559,547, Cl. 357-23.200.

Maruyama, Hiromi; Sasaoka, Seiji; Kiuchi, Mitsuo; and Kanehara, Hironori, to Nippon Soda Company Limited. Feed additives for ruminants. 4,533,557, 8-6-85, Cl. 426-61.000.

Maruyama, Hitoshi: *See*—
  Tanaka, Taku; Maruyama, Hitoshi; Okaya, Takuji; and Kajitani, Koichi, 4,492,783, Cl. 524-430.000.

Maruyama, Ichiyo: *See*—
  Shigemitsu, Mineo; Maruyama, Ichiyo; and Niimura, Shigeru, 4,536,751, Cl. 340-545.000.

Maruyama Industrial Co., Ltd.: *See*—
  Kobayashi, Nobushige; and Kazama, Satoshi, 4,502,515, Cl. 141-195.000.

Maruyama, Isao: *See*—
  Yokogawa, Akira; Takahashi, Asao; Maruyama, Isao; and Hosaka, Takao, 4,522,688, Cl. 203-28.000.

Maruyama, Jisaburou; Fukayama, Sumio; Miyake, Masanobu; Watanabe, Yoshimi; and Eguchi, Yoshinori, to Tokyo Shibaura Denki Kabushiki Kaisha. Lamp assembly. 4,536,676, 8-20-85, Cl. 313-318.000.

Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Aisin Seiki Kabushiki Kaisha. Occupant's side holding device for the seat back of a seat. 4,537,444, 8-27-85, Cl. 297-284.000.

Maruyama, Kazumi; and Uchida, Yoshiyuki, to Fuji Electric Co., Ltd.; and Fuji Electric Corporate Research & Development Co., Ltd. Photoelectronic conversion device. 4,507,519, 3-26-85, Cl. 136-258.000.

Maruyama, Kazuo: *See*—
  Satake, Toshimi; Maruyama, Kazuo; and Fujimura, Fumio, 4,502,066, Cl. 346-209.000.

Maruyama, Kenji; and Sazaki, Konin, to Ryobi Ltd. Fishing spinning reel. 4,527,752, 7-9-85, Cl. 242-84.20G.

Maruyama, Kensaku: *See*—
  Iino, Shinji; Maruyama, Kensaku; Takenaga, Motoi; Muramoto, Kazuhiko; and Tsuhako, Mitsutomo, 4,542,001, Cl. 423-311.000.

Maruyama, Kimio, to Nippondenso Co., Ltd. Method and apparatus for cutting continuous corrugated member. 4,523,500, 6-18-85, Cl. 83-37.000.

Maruyama, Kimiomi; and Nakajima, Yasuo, to Nissan Motor Company, Limited. Fuel supply system for an internal combustion engine. 4,497,300, 2-5-85, Cl. 123-463.000.

Maruyama, Kouji: *See*—
  Nomura, Takeshi; Maruyama, Kouji; Ueno, Hiroshi; and Inaba, Naomi, 4,544,648, Cl. 502-119.000.

Maruyama, Masahiko, to Mitsubishi Denki Kabushiki Kaisha. Laser machining apparatus. 4,547,651, 10-15-85, Cl. 219-121.0LG.

Maruyama, Masanori; Fukushima, Masakazu; Kato, Shinichi; and Ogusu, Chihaya, to Nippon Hoso Kyokai; and Hitachi, Ltd. Electron gun for television camera tube. 4,540,916, 9-10-85, Cl. 315-16.000.

Maruyama, Masanori: *See*—
  Takayama, Shigehiko; Maruyama, Masanori; and Fukushima, Masakazu, 4,560,899, Cl. 313-449.000.

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, to Kabushiki Kaisha Komatsu Seisakusho. Engine speed control system for a hydro-mechanical transmission. 4,497,223, 2-5-85, Cl. 74-866.000.

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, to Kabushiki Kaisha Komatsu Seisakusho. Automatic speed range change-over system for a hydro-mechanical transmission. 4,519,274, 5-28-85, Cl. 74-866.000.

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, to Kabushiki Kaisha Komatsu Seisakusho. Turning control system for a hydro-mechanical transmission. 4,519,275, 5-28-85, Cl. 74-866.000.

Maruyama, Ryozi, to Dai-Ichi Seiko Co., Ltd. Formed permanent magnet. 4,555,685, 11-26-85, Cl. 335-303.000.

Maruyama, Seiichiro: *See*—
  Ohmura, Yasuhiro; Maruyama, Seiichiro; and Shigemoto, Shigeru, 4,525,529, Cl. 525-64.000.

Maruyama, Seiichro: *See*—
  Kawaguchi, Yoshikazu; Maruyama, Seiichro; and Kawasaki, Hiroyuki, 4,514,357, Cl. 264-328.160.

Maruyama, Shinichi: *See*—
  Sunakawa, Kiyoshi; and Maruyama, Shinichi, 4,504,220, Cl. 432-72.000.

Maruyama, Takashi. Tool for meals with the function of scissors. 4,521,964, 6-11-85, Cl. 30-148.000.

Maruyama, Takashi, to Chinon Kabushiki Kaisha. Focusing control device. 4,550,994, 11-5-85, Cl. 354-402.000.

Maruyama, Takesuke: *See*—
  Azumi, Takashi; Maruyama, Takesuke; and Hisada, Takanori, 4,557,567, Cl. 350-427.000.

Maruyama, Teppei: *See*—
  Iwamoto, Tomiyuki; Hayakawa, Naoki; Honda, Haruo; and Maruyama, Teppei, 4,548,605, Cl. 604-410.000.

Maruyama, Teruo; and Yamauchi, Shinya, to Matsushita Electric Industrial Co., Ltd. Compressor with extended area between suction port and suction groove. 4,509,905, 4-9-85, Cl. 418-75.000.

Maruyama, Teruo, to Matsushita Electric Industrial Co., Ltd. Rotary vane compressor with suction passage changing in two steps. 4,536,141, 8-20-85, Cl. 418-150.000.

Maruyama, Teruo. Rotary compressor with two or more suction parts. 4,544,337, 10-1-85, Cl. 418-15.000.

Maruyama, Tokuji: *See*—
  Murase, Kazuo; Watanabe, Toshihiko; Takeuchi, Naoki; and Maruyama, Tokuji, 4,503,316, Cl. 219-130.320.
  Nakanishi, Sadao; Nakajima, Yoshihiro; Kawano, Hitoshi; Ihochi, Akihiko; Ogasawara, Takaaki; and Maruyama, Tokuji, 4,544,826, Cl. 219-137.0PS.
  Ogasawara, Takaaki; Maruyama, Tokuji; Sato, Masaharu; Hida, Yukio; and Saito, Takashi, 4,546,234, Cl. 219-137.0PS.

Maruyama, Toshinori: *See*—
  Kato, Hidetoshi; Maruyama, Toshinori; Matsuhashi, Hajime; and Akita, Yoshio, 4,555,657, Cl. 320-64.000.

Maruyama, Toshio: *See*—
  Koide, Tsuyoshi; Maruyama, Toshio; and Tsujiuchi, Toshio, 4,497,140, Cl. 51-101.00R.
  Koide, Tsuyoshi; Shimizu, Norihiko; Komatsu, Yuichiro; and Maruyama, Toshio, 4,528,781, Cl. 51-281.00C.
  Koide, Tsuyoshi; and Maruyama, Toshio, 4,530,187, Cl. 51-165.870.

Maruyama, Yooji: *See*—
  Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yooji; and Sugita, Yutaka, 4,503,517, Cl. 365-36.000.

Maruyama, Yoozi: *See*—
  Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yoozi; and Sugita, Yutaka, 4,502,916, Cl. 156-643.000.

Maruyama, Yoshio: *See*—
  Kenmochi, Kazuei; Sakairi, Tadashi; Maruyama, Yoshio; and Itemadani, Eizi, 4,519,761, Cl. 425-135.000.

Maruyama, Yutaka: *See*—
  Nakao, Toru; Ikebe, Tsuguo; Tahara, Tetsuya; Maruyama, Yutaka; and Yaoka, Osamu, 4,543,354, Cl. 514-238.000.

Maruyamano, Satoru: *See*—
  Ootani, Hisao; and Maruyamano, Satoru, 4,549,641, Cl. 192-106.200.

Maruzen Oil Co., Ltd.: *See*—
  Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, 4,503,271, Cl. 568-799.000.
  Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, 4,517,349, Cl. 526-313.000.
  Hori, Takashi; Ueda, Sanae; and Kojima, Yoshihiro, 4,518,807, Cl. 568-716.000.

Maruzen Petrochemical Co., Ltd.: *See*—
  Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.
  Yokogawa, Akira; Takahashi, Asao; Maruyama, Isao; and Hosaka, Takao, 4,522,688, Cl. 203-28.000.

Marvco Tool & Mfg. Inc.: *See*—
  Harrigan, Marvin, 4,520,981, Cl. 248-413.000.

- Marvel, Carl S.; and Lin, See, to United States of America, Air Force. Polyaromatic ether-sulfone-keytones with fluoro-substituted-p-cyclophane units as cross-linking sites. 4,499,258, 2-12-85, Cl. 528-173.000.
- Marvel Specialty Company: *See—*
  - Gregory, Lee W., 4,509,442, Cl. 112-261.000.
- Marven, Al: *See—*
  - Hill, James J.; and Marven, Al, 4,501,409, Cl. 251-354.000.
  - Hill, James J.; and Marven, Al, 4,544,086, Cl. 222-649.000.
- Marvin, Dean C.; and Ives, Neil A., to Occidental Research Corporation. Fiber optic movement measuring sensor. 4,513,200, 4-23-85, Cl. 250-227.000.
- Marvin Glass & Associates: *See—*
  - Breslow, Jeffrey D.; Morrison, Howard J.; Ditton, Richard A.; Meyer, Steven M.; and Morrison, Robert S., 4,530,499, Cl. 273-1.0GC.
  - Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,498,674, Cl. 273-243.000.
  - Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,534,566, Cl. 273-248.000.
  - Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,534,567, Cl. 273-255.000.
  - Ferris, Michael J.; Wise, Paul H.; and Breslow, Jeffrey D., 4,544,162, Cl. 273-242.000.
  - Ferris, Michael J.; and Breslow, Jeffrey D., 4,550,917, Cl. 273-246.000.
  - Hanson, Steven P.; and Meyer, Burton C., 4,496,510, Cl. 264-176.00R.
  - Hanson, Steven P.; and Breslow, Jeffrey D., 4,524,967, Cl. 273-1.0GE.
  - Hanson, Steven P., 4,551,109, Cl. 446-95.000.
  - Jaworski, Eugene; and Breslow, Jeffrey D., 4,547,173, Cl. 446-457.000.
  - Klimpert, Randall J.; and Meyer, Burton C., 4,508,521, Cl. 446-486.000.
  - Kulesza, Ralph J.; Disko, Harry; and Gibbons, Dennis R., 4,504,239, Cl. 446-95.000.
  - Kulesza, Ralph J., 4,508,517, Cl. 446-464.000.
  - Kulesza, Ralph J.; Rosenwinkel, Donald A.; and Disko, Harry, 4,550,876, Cl. 239-211.000.
  - Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., 4,508,353, Cl. 273-313.000.
  - Rasmussen, Russell G.; Peinsipp, Alice A.; and Breslow, Jeffrey D., 4,544,156, Cl. 273-5.00A.
  - Rehkemper, Steven F.; Hanson, Steven P.; and Disko, Harry, 4,540,377, Cl. 446-430.000.
  - Rehkemper, Steven F.; Rosenwinkel, Donald A.; Zaruba, John V.; and Breslow, Jeffrey D., 4,552,363, Cl. 273-241.000.
  - Rosenwinkel, Donald A.; Breslow, Jeffrey D.; and Zaruba, John V., 4,526,376, Cl. 273-249.000.
  - Terzian, Rouben T.; and Herbstler, Horst-Dieter, 4,507,098, Cl. 446-288.000.
  - Zaruba, John V.; Hanson, Steven P.; Luecke, Beth E.; and Kuna, Wayne A., 4,514,175, Cl. 434-82.000.
  - Zaruba, John V.; and Meyer, Burton C., 4,518,367, Cl. 446-373.000.
- Marvin M. Stark Research Foundation: *See—*
  - Stark, Marvin M.; Soelberg, Kenneth B.; and Pelzner, Roger B., 4,522,594, Cl. 433-141.000.
- Marwah, Ashok K.; and Norris, Charles H., Jr., to H. H. Robertson Company. Field-assembled cellular decking unit. 4,554,771, 11-26-85, Cl. 52-221.000.
- Marwitz, Heinrich: *See—*
  - Preiner, Gerhard; Huhn, Karl; Muller, Johann; Marwitz, Heinrich; and Ullrich, Kurt, 4,533,477, Cl. 252-8.900.
- Marx, Anton: *See—*
  - Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
- Marx, Hans-Jurgen: *See—*
  - Hackenbeck, Dietmar; and Marx, Hans-Jurgen, 4,544,106, Cl. 241-101.00A.
- Marx, Hans-Norbert, to BASF Aktiengesellschaft. Aqueous wood preservative. 4,547,366, 10-15-85, Cl. 424-78.000.
- Marx, Jon A.; and Loso, Wendell R., to United Technologies Corporation. Thrust reverser. 4,527,391, 7-9-85, Cl. 60-226.200.
- Marx, Matthias; Ganss, Helmut; and Frank, Wolfram, to BASF Aktiengesellschaft. Storage-stable tris(hydroxyalkyl)isocyanurate polyol dispersions, process for their preparation and their utilization. 4,514,526, 4-30-85, Cl. 521-166.000.
- Marx, Matthias: *See—*
  - Horacek, Heinrich; Wittmann, Otto; Marx, Matthias; and Mayer, Johann, 4,546,039, Cl. 428-357.000.
  - Horn, Peter; Hesse, Anton; Mann, Walter; Frank, Wolfram; Marx, Matthias; and Heckmann, Walter, 4,560,708, Cl. 521-137.000.
  - Straehle, Wolfgang; Denni, Raymond; and Marx, Matthias, 4,507,475, Cl. 536-120.000.
- Marx, Michael: *See—*
  - Li, Tsung-Tee; and Marx, Michael, 4,552,898, Cl. 514-561.000.
- Marx, Morris F., III, to AT&T Technologies, Inc. Methods for controlling vinyl plastic extrudate. 4,500,481, 2-19-85, Cl. 264-40.600.
- Marx, Paul: *See—*
  - Bergthaller, Peter; Stolzenburg, Rudolf; Marx, Paul; and Hamprecht, Rainer, 4,524,124, Cl. 430-241.000.
- Marx, Rainer: *See—*
  - Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,528,573, Cl. 346-108.000.
  - Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,532,526, Cl. 346-107.00R.
  - Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,532,527, Cl. 346-108.000.
  - Behrens, Herbert; Schmitt, Jurgen; Marx, Rainer; Heidemann, Helmut; and Schipper, Gerhard, 4,553,148, Cl. 346-107.00R.
- Marx, Reinhard: *See—*
  - Heubach, Rainer; Marx, Reinhard; Kunz, Peter; and Hauke, Dieter, 4,536,385, Cl. 423-621.000.
- Marxer, John E.; and Kowles, John W., to Rosemount Inc. Non-intrusive ice detector. 4,553,137, 11-12-85, Cl. 340-582.000.
- Mary Ellen Enterprises Inc.: *See—*
  - Cleveland, George D., 4,531,635, Cl. 206-457.000.
- Mary L. Gaines, Corp.: *See—*
  - Gaines, Mary L.; and Gaines, Charles J., 4,546,982, Cl. 273-298.000.
- Maryanchik, Mikhail A.: *See—*
  - Strekalou, Genrikhn; Shtyrin, Anatoly S.; Matveen, Viktor I.; Maryanchik, Mikhail A.; and Garibov, Genrikh S., 4,492,848, Cl. 219-127.000.
- Maryanoff, Bruce E.; and Gardocki, Joseph F., to McNeilab, Inc. Anticonvulsant sulfamate derivatives. 4,513,006, 4-23-85, Cl. 514-2[illegible].000.
- Maryanoff, Cynthia A., to McNeilab, Inc. Process for production of methyl 2-tetradecylgycidate. 4,499,294, 2-12-85, Cl. 549-519.000.
- Maryland Cup Corporation: *See—*
  - Bank, Herbert M.; and Rubenstein, Irving H., 4,505,220, Cl. 118-16.000.
  - Cress, Allan K.; and Busse, Charles E., 4,559,765, Cl. 53-557.000.
  - Weinstein, David, 4,529,470, Cl. 156-423.000.
  - Winstead, Thomas W., 4,518,096, Cl. 220-268.000.
- Maryland Wire Belts, Inc.: *See—*
  - Messick, George H.; and Adkins, John C., 4,491,003, Cl. 72-137.000.
- Marz, Horst F., to C-I-L Inc. Expandable explosive and stemming cartridge. 4,492,165, 1-8-85, Cl. 102-313.000.
- Marz, Horst F., to C-I-L Inc. Charging large diameter vertical boreholes. 4,522,125, 6-11-85, Cl. 102-313.000.
- Marz, Kurt: *See—*
  - Hollweck, Walter; Marz, Kurt; and Eschenbacher, Herbert, 4,528,541, Cl. 337-354.000.
- Marze, Xavier, to Hospal Industrie. Semi-permeable membranes. 4,545,910, 10-8-85, Cl. 210-651.000.
- Marzec, Debra S.: *See—*
  - Carlin, William W.; and Marzec, Debra S., 4,530,742, Cl. 204-95.000.
- Marzec, Willy; and Tallis, Allen A., to Varian Associates, Inc. Method and apparatus for winding toroidal cores. 4,548,365, 10-22-85, Cl. 242-4.00R.
- Marzeoti, Frank: *See—*
  - Croce, Charles L., 4,541,176, Cl. 30-164.950.
- Marzhauser, Heinz, to Gebr. Marzhauser Wetzlar oHG. Drive system for a microscope stage or the like. 4,552,033, 11-12-85, Cl. 74-479.000.
- Marziali, Walter: *See—*
  - Giubbolini, Marco; and Marziali, Walter, 4,523,291, Cl. 364-724.000.
- Marzocca, Francesco: *See—*
  - Vercesi, Arturo; and Marzocca, Francesco, 4,502,039, Cl. 340-365.00S.
- Marzocchi, Alfred: *See—*
  - Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,547,225, Cl. 106-273.00N.
  - Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,551,178, Cl. 106-273.00N.
  - Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,554,022, Cl. 106-273.00N.
  - Lower, Loren D.; Marzocchi, Alfred; Ponn, Frederick H., III; and Roberts, Michael G., 4,507,365, Cl. 428-489.000.
  - Yeager, Raymond W.; and Marzocchi, Alfred, 4,503,655, Cl. 52-747.000.
- Marzola, Roberto: *See—*
  - Garagnani, Enea; Moro, Alessandro; and Marzola, Roberto, 4,548,993, Cl. 525-195.000.
- Marzolph, Gerhard; Blank, Heinz U.; Reinecke, Paul; Brandes, Wilhelm; and Hanssler, Gerd, to Bayer Aktiengesellschaft. Plant phytopathogenic fungicidal agents based on maleimide. 4,552,890, 11-12-85, Cl. 514-425.000.
- Marzolph, Gerhard: *See—*
  - Bonse, Gerhard; Marzolph, Gerhard; and Blank, Heinz U., 4,496,736, Cl. 546-327.000.
- Marzy, Otto: *See—*
  - Blaimschein, Gottfried; and Marzy, Otto, 4,525,112, Cl. 409-199.000.
- Mas, Joseph, to Allied Corporation. Torodal core electromagnetic device. 4,524,342, 6-18-85, Cl. 336-182.000.
- Mas, Michel C.: *See—*
  - Brisset, Guy C. S.; and Mas, Michel C., 4,497,743, Cl. 260-429.00R.
- Masaaki, Nagashima. Underwater bearing protection device. 4,524,977, 6-25-85, Cl. 277-3.000.
- Masafumi, Yamanouchi: *See—*
  - Shigehiro, Koga; Yoshihisa, Kanazawa; Takeshi, Okamoto; Masafumi, Yamanouchi; and Kazumichi, Shudo, 4,528,306, Cl. 523-219.000.

Masai, Hiroshi: *See—*

Fujiyama, Seiichi; Minakami, Hiroyuki; and Masai, Hiroshi, 4,514,563, Cl. 536-123.000.

Masai, Siro: *See—*

Endo, Keizo; Matsumura, Hiroshi; Hasunuma, Yoshifumi; Masai, Siro; and Oguma, Noboru, 4,522,237, Cl. 141-95.000.

Masai, Tadahisa: *See—*

Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.

Morita, Shigeki; Masai, Tadahisa; Nakashita, Shigeto; Uemura, Toshio; Kouda, Fumio; and Nawata, Tsuyoshi, 4,545,307, Cl. 110-264.000.

Masaitis, William; and Canada, Robert O., to General Electric Company. System and method for pattern recognition. 4,499,595, 2-12-85, Cl. 382-9.000.

Masaitis, William: *See—*

King, Harold B.; Masaitis, William; Ippisch, Ernest; and Chinn, Albert E., 4,521,862, Cl. 364-552.000.

Schoenig, Frederick C., Jr.; Grossman, Leonard N.; Lai, Ching C.; Masaitis, William; and Canada, Robert O., 4,496,056, Cl. 209-539.000.

Masak, Peter: *See—*

Haverstock, Wayne; Krywchuk, David; and Masak, Peter, 4,520,683, Cl. 74-41.000.

Masak, Raymond J., to United States of America, Air Force. Multiple loop sidelobe canceller. 4,495,502, 1-22-85, Cl. 343-380.000.

Masak, Raymond J.; and Kowalski, Anthony M., to Hazeltine Corporation. Adaptive array having an auxiliary channel notched pattern in the steered beam direction. 4,516,126, 5-7-85, Cl. 343-383.000.

Masaki, Akira: *See—*

Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.

Masaki, Hideyuki, to NGK Insulators, Ltd. Packing for packed towers for inter-fluid contact. 4,541,967, 9-17-85, Cl. 261-95.000.

Masaki, Hisaji: *See—*

Takahashi, Yuji; Masaki, Hisaji; Adachi, Muneo; and Igarashi, Masaru, 4,501,419, Cl. 271-288.000.

Masaki, Ichiro; Shulman, Burt H.; and Gorman, Robert R., to Unimation, Inc. Manipulator welding apparatus with sensing arrangements for weld slam tracking. 4,492,847, 1-8-85, Cl. 219-124.340.

Masaki, Ichiro, to Unimation, Inc. Position detecting method and apparatus. 4,547,800, 10-15-85, Cl. 358-107.000.

Masaki, Jun. Transfer sheet with color pattern having metallic luster, and method of manufacturing said sheet. 4,552,829, 11-12-85, Cl. 430-258.000.

Masaki, Katsumi; and Tago, Toshifumi, to Canon Kabushiki Kaisha. Output device capable of automatically determining an output format. 4,546,449, 10-8-85, Cl. 364-900.000.

Masaki, Kazumi, to Hayashibara, Ken. Device for eliminating inrush-current. 4,555,741, 11-26-85, Cl. 361-58.000.

Masaki, Kazuo; and Hiramatsu, Ryohei, to Nippondenso Co., Ltd. Solenoid-operated valve for selecting one of two pressure sources. 4,506,701, 3-26-85, Cl. 137-596.170.

Masaki, Kouichi: *See—*

Ogawa, Hiroshi; Mizuno, Chiaki; Masaki, Kouichi; Suzuki, Masaaki; and Tamai, Yasuo, 4,500,599, Cl. 428-336.000.

Masaki, Mikio; Nara, Etuo; Shimizu, Keiichi; and Fukasawa, Takeshi, to Kokusan Kinzoku Kogyo Kabushiki Kaisha. Steering lock for automotive vehicles. 4,495,786, 1-29-85, Cl. 70-186.000.

Masaki, Mikio: *See—*

Kobayashi, Satoru; Masaki, Mikio; Sakuno, Hideaki; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,516,415, Cl. 70-252.000.

Masaki, Mitsuo, to Nippon Chemiphar Co., Ltd. 2-(4-diphenylmethylpiperazinyl)-1-phenyl alkanol or their salts, a process for their production and a cerebral circulation-improving drug. 4,528,194, 7-9-85, Cl. 514-255.000.

Masaki, Mitsuo: *See—*

Masaki, Tomoh; Kamishiro, Toshiro; Okazoe, Takashi; Kumakura, Koichi; and Masaki, Mitsuo, 4,507,297, Cl. 514-252.000.

Masaki, Nobuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Compact conductor device. 4,517,405, 5-14-85, Cl. 174-68.00B.

Masaki, Satoru, to Fujitsu Limited. Circuit for reading out address data applied to a memory in a one-chip microcomputer. 4,513,400, 4-23-85, Cl. 365-230.000.

Masaki, Seishi: *See—*

Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.

Masaki, Tatsuo, to Canon Kabushiki Kaisha. Electro-optical device and method of operating same. 4,538,884, 9-3-85, Cl. 350-361.000.

Masaki, Tomoh; Kamishiro, Toshiro; Okazoe, Takashi; Kumakura, Koichi; and Masaki, Mitsuo, to Nippon Chemiphar Co., Ltd. Piperazine derivatives and a medicine containing the same. 4,507,297, 3-26-85, Cl. 514-252.000.

Masaki, Yasuo: *See—*

Ueda, Hiroshi; Yoshizaki, Akira; and Masaki, Yasuo, 4,560,261, Cl. 354-121.000.

Masamoto, Junzo: *See—*

Naito, Takeshi; Masamoto, Junzo; Iwaisako, Toshiyuki; and Matsuzaki, Kazuhiko, 4,493,752, Cl. 203-71.000.

Masamura, Tatsuro; Morikura, Masahiro; and Maki, Takayoshi, to Nippon Telegraph & Telephone Public Corporation. Phase and frequency variable oscillator. 4,554,672, 11-19-85, Cl. 375-40.000.

Masamura, Tatsurou: *See—*

Atsugi, Takeo; Samejima, Shuuichi; and Masamura, Tatsurou, 4,561,099, Cl. 375-97.000.

Masamura, Tatuya: *See—*

Mizumukai, Ken; Masamura, Tatuya; and Yamanaka, Hiroshi, 4,561,524, Cl. 188-319.000.

Masanek, Jurgen: *See—*

Schnee, Reiner; and Masanek, Jurgen, 4,521,552, Cl. 523-313.000.

Masao, Mikami. Apparatus for manufacturing a roof lining for automobiles. 4,522,676, 6-11-85, Cl. 156-443.000.

Masao, Yamamoto: *See—*

Hirobumi, Saito; Kiyoshi, Ito; Kaichi, Higuchi; and Masao, Yamamoto, 4,516,944, Cl. 441-40.000.

Masaoka, Isao: *See—*

Mori, Yasuhiko; Hattori, Shigeo; Masaoka, Isao; and Itow, Hisao, 4,512,820, Cl. 148-12.70N.

Yoshida, Toshimi; Nakata, Kiyotomo; Masaoka, Isao; and Itow, Hisawo, 4,560,407, Cl. 75-128.00N.

Masaoka, Toshika: *See—*

Tokui, Masaaki; Masaoka, Toshika; and Ota, Atsushi, 4,505,318, Cl. 164-113.000.

Masaoka, Yoshiji: *See—*

Shimizu, Kazuo; Masaoka, Yoshiji; and Takaoka, Mutsuro, 4,539,395, Cl. 528-425.000.

Masatoki, Tamihaura: *See—*

Ohkoshi, Akio; Ueno, Kiichi; Muchi, Tsuneo; Masatoki, Tamihaura; and Michiba, Isamu, 4,529,905, Cl. 313-35.000.

Masatsugu, Oda: *See—*

Hiroki, Ohta; Masatsugu, Oda; and Jun, Kato, 4,560,682, Cl. 514-100.000.

Masayuki, Maeda: *See—*

Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, 4,519,839, Cl. 75-242.000.

Mascaro, Thomas C. Method and apparatus for reconditioning and aerifying turf. 4,506,739, 3-26-85, Cl. 172-21.000.

Mascellani, Giuseppe: *See—*

Borzatta, Valerio; Cristofori, Manlio; Morotti, Mauro; and Mascellani, Giuseppe, 4,515,809, Cl. 514-533.000.

Masch, Helmut E.: *See—*

Morse, Hugh B.; and Masch, Helmut E., 4,492,070, Cl. 53-438.000.

Maschek, Martin, to BBC Brown, Boveri & Company, Limited. Amplifier circuit with surge suppression. 4,547,742, 10-15-85, Cl. 330-149.000.

Maschinenbau Oppenweiler Binder GmbH & Co.: *See—*

Klenk, Emil; and Heina, Karl-Fritz, 4,508,214, Cl. 198-833.000.

Maschinenbau Oppenweiler GmbH: *See—*

Nothdurft, Edgar, 4,497,480, Cl. 270-58.000.

Maschinenfabrik AD. Schulthess & Co. AG: *See—*

Gasser, Rene, 4,499,621, Cl. 8-158.000.

Maschinenfabrik Alfred Schmermund GmbH & Co.: *See—*

Lang, Gunter, 4,553,847, Cl. 356-445.000.

Oberdorf, Manfred, 4,508,207, Cl. 198-478.000.

Vorhauer, Hans, 4,498,274, Cl. 53-412.000.

Maschinenfabrik Andritz Aktiengesellschaft: *See—*

Heimel, Helmut; Schlosser, Willy; and Luttenberger, Alfred, 4,509,274, Cl. 34-114.000.

Pinter, Reinhard; Petschauer, Franz; and Sbaschnigg, Johann, 4,544,447, Cl. 162-300.000.

Maschinenfabrik Benninger AG: *See—*

Bossart, Erwin, 4,548,369, Cl. 242-150.00R.

Wildi, Edwin; Bossart, Erwin; and Hasler, Hans, 4,535,956, Cl. 242-151.000.

Maschinenfabrik BESTA: *See—*

Meyer, Hans J., 4,491,215, Cl. 198-861.000.

Maschinenfabrik Ernst Thielenhaus GmbH: *See—*

Schwar, Rudolf, 4,505,071, Cl. 51-3.000.

Wolters, Martin; and Meuer, Gerd R., 4,513,538, Cl. 51-131.300.

Maschinenfabrik Ettlingen Friedrich Pfeiffer KG: *See—*

Muller, Werner, 4,505,658, Cl. 425-117.000.

Maschinenfabrik Fr. Niepmann GmbH & Co.: *See—*

Iain, Stewart, 4,516,379, Cl. 53-138.00A.

Stewart, Iain G. H.; and Pitz, Hans P., 4,540,459, Cl. 156-504.000.

Maschinenfabrik Gehring Gesellschaft mit beschrankter Haftung & Co. Kommanditgesellschaft: *See—*

Bender, Albert, 4,502,255, Cl. 51-227.00R.

Grimm, Hans; and Richter, Gunter, 4,504,917, Cl. 364-474.000.

Grimm, Hans, 4,545,152, Cl. 51-103.00R.

Grimm, Hans; and Fingerle, Hermann, 4,551,947, Cl. 51-34.00H.

Maschinenfabrik Goebel GmbH: *See—*

Topperwien, Bernd; and Krause, Lothar, 4,548,113, Cl. 83-345.000.

Maschinenfabrik Hennecke GmbH: *See—*

Althausen, Ferdinand; Proksa, Ferdinand; and Osinski, Ulrich, 4,520,947, Cl. 222-63.000.

Maschinenfabrik HILMA GmbH: *See—*

Ersoy, Metin, 4,508,327, Cl. 269-23.000.

Maschinenfabrik J. Dieffenbacher GmbH & Co.: *See—*

Bielfeldt, Friedrich B., 4,505,661, Cl. 425-190.000.

Maschinenfabrik Koppern GmbH & Co.: *See—*

Blank, Michael G.; and Hammerschmidt, Horst E., 4,521,177, Cl. 425-533.000.

Maschinenfabrik Meyer AG: *See—*

Brugger, Manfred; Janczer, Peter; and Peter, Hans, 4,524,817, Cl. 164-290.000.

Maschinenfabrik Muller-Weingarten AG: *See—*

Feirer, Egon; Amann, Ulrich; and Kuppinger, Gunter, 4,519,309, Cl. 100-229.00R.

Hacker, Harald; Amann, Ulrich; Geisinger, Karl; and Engelhardt, Hans, 4,503,766, Cl. 100-207.000.

Kuppinger, Gunter, 4,557,134, Cl. 72-405.000.

Maschinenfabrik Reinhausen Gebruder Scheubeck GmbH & Co. KG: *See—*

Kugler, Kurt; Lessmann-Mieske, Hans-Henning; and Wein, Franz, 4,550,285, Cl. 323-343.000.

Maschinenfabrik Rieter AG: *See—*

Egbers, Gerhard; and Weinsdorfer, Helmut, 4,535,516, Cl. 28-272.000.

Maschinenfabrik Schrarer AG: *See—*

Wust, Olivier, 4,552,320, Cl. 242-128.000.

Maschinenfabrik Schweiter AG: *See—*

Luz, Rudolf, 4,528,808, Cl. 57-22.000.

Slavik, Walter; and Rebsamen, Arthur, 4,515,320, Cl. 242-18.0DD.

Vollm, Ernst B., 4,497,165, Cl. 57-22.000.

Maschinenfabrik Stahlkontor Weserlenze GmbH & Co.: *See—*

Tinebor, Manfred; Matthies, Gustav; and Karl, Heinz-Dietmar, 4,546,301, Cl. 318-798.000.

Maschinenfabrik Sulzer-Ruti AG: *See—*

Bertsch, Gotthilf; and Braun, Josef, 4,552,187, Cl. 139-434.000.

Bucher, Robert; and Kung, Walter, 4,546,801, Cl. 139-110.000.

Kagi, Bruno, 4,527,596, Cl. 139-1.00C.

Kung, Walter; and Svarc, Stefan, 4,549,582, Cl. 139-430.000.

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Maschinenwerk Rau GmbH: *See—*

Rau, Willy; and Taus, Christian, 4,509,438, Cl. 111-13.000.

Maschke, Alfred W., to United States of America, Energy. Electrostatic quadrupole focused particle accelerating assembly with laminar flow beam. 4,560,905, 12-24-85, Cl. 315-5.410.

Maschmeyer, Richard O., to Corning Glass Works. Fiducial surfaces. 4,537,473, 8-27-85, Cl. 350-432.000.

Mascio, Maria R.: *See—*

Anderson, Ronald L.; and Mascio, Maria R., 4,521,254, Cl. 134-26.000.

Mascitti, Albert A.: *See—*

Sulkowski, Theodore S.; Silver, Paul J.; Mascitti, Albert A.; and Bender, Reinhold H. W., 4,551,534, Cl. 546-123.000.

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Brezzo, Bernard; Calvignac, Jean; Dambricourt, Richard; Masclet, Andre; and Sanche, Jean-Pierre, 4,493,051, Cl. 364-900.000.

Calvignac, Jean; Granger, Yves; and Masclet, Andre, 4,491,913, Cl. 364-200.000.

Masclet, Jean; and Veaux, Jacques, to Messier-Hispano-Bugatti (S.A.). Dual chamber shock absorbers for aircrafts and the like. 4,506,869, 3-26-85, Cl. 267-64.150.

Masclet, Jean, to Messier-Hispano-Bugatti (S.A.). Wheel lever landing gear. 4,561,612, 12-31-85, Cl. 244-104.00R.

Masco Corporation: *See—*

Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., 4,507,131, Cl. 55-104.000.

Knapp, Alfons, 4,525,894, Cl. 16-111.00R.

Rasor, William, 4,500,020, Cl. 224-321.000.

Rasor, William; and Redman, Leon E., 4,501,386, Cl. 224-326.000.

Masco Corporation of Indiana: *See—*

Baker, William; Smith, Gordon H.; Beach, Xiomara I.; Sallee, Gary F.; Stein, Jeffrey L; and Charest, George E., 4,521,915, Cl. 455-165.000.

Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., 4,523,463, Cl. 73-204.000.

Hutto, Joe D., 4,523,604, Cl. 137-102.000.

Purcell, Glenn T., 4,513,769, Cl. 137-315.000.

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Fedor, John W., 4,507,025, Cl. 408-6.000.

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Mase, Noriaki: *See—*

Yoshikawa, Kazuaki; Matsumura, Yuichi; and Mase, Noriaki, 4,534,932, Cl. 376-310.000.

Mase, Ryoichi, to Toso Kabushiki Kaisha. Braking device for use in a roller blind. 4,498,517, 2-12-85, Cl. 160-294.000.

Mase, Ryoichi, to Toso Kabushiki Kaisha. Decelerator for use in roller blinds. 4,513,805, 4-30-85, Cl. 160-299.000.

Mase, Sadaaki: *See—*

Minowa, Nobuto; Fukatsu, Shunzo; Tachibana, Kunitaka; Niida, Taro; and Mase, Sadaaki, 4,499,027, Cl. 260-502.50G.

Minowa, Nobuto; Fukatsu, Shunzo; Niida, Taro; and Mase, Sadaaki, 4,510,102, Cl. 260-941.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Oxygen concentration detector and method of using same. 4,505,783, 3-19-85, Cl. 204-1.00T.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Oxygen concentration regulation. 4,505,790, 3-19-85, Cl. 204-130.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Oxygen concentration detector. 4,505,802, 3-19-85, Cl. 204-425.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Oxygen concentration detector. 4,505,803, 3-19-85, Cl. 204-425.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Oxygen concentration detector. 4,505,804, 3-19-85, Cl. 204-425.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Oxygen concentration detector. 4,505,805, 3-19-85, Cl. 204-425.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. High electric resistant zirconia and/or hafnia ceramics. 4,507,394, 3-26-85, Cl. 501-94.000.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Method for heating. 4,541,898, 9-17-85, Cl. 204-1.00T.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Method of heating a solid electrolyte body. 4,541,899, 9-17-85, Cl. 204-1.00T.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Method for heating solid electrolyte. 4,541,900, 9-17-85, Cl. 204-1.00T.

Mase, Syunzo; and Soejima, Shigeo, to NGK Insulators, Ltd. Electrochemical device. 4,559,126, 12-17-85, Cl. 204-425.000.

Mase, Syunzo: *See—*

Matsuzawa, Soichiro; and Mase, Syunzo, 4,519,870, Cl. 156-603.000.

Mase, Toshiyasu: *See—*

Murase, Kiyoshi; Mase, Toshiyasu; and Tomioka, Kenichi, 4,497,817, Cl. 548-150.000.

Mase, Yasushi: *See—*

Nakajima, Masataka; and Mase, Yasushi, 4,497,296, Cl. 123-440.000.

Masegi, Mitsuhiko, to Nippondenso Co., Ltd. Head lamps control system for use on vehicles. 4,558,260, 12-10-85, Cl. 315-82.000.

Masek, Jan: *See—*

Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.

Masek, Karel: *See—*

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Maselli, James M.: *See—*

Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,262, Cl. 502-304.000.

Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,995, Cl. 423-213.500.

Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,261, Cl. 502-304.000.

Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,996, Cl. 423-213.500.

Masenas, Charles J., Jr., to International Business Machines Corporation. Voltage balancing circuit for memory systems. 4,555,776, 11-26-85, Cl. 365-202.000.

Maserjian, Joseph. Laser activated MTOS microwave device. 4,531,143, 7-23-85, Cl. 357-23.600.

Masey, Johnny W.: *See—*

Tsang, Albert C.; Holland, Thomas L.; and Masey, Johnny W., 4,556,748, Cl. 568-858.000.

Masghati, Mohammad, to Wilson Sporting Goods Co. Golf club shafts with matched frequencies of vibration. 4,555,112, 11-26-85, Cl. 273-77.00A.

Masheris, Fred; Michaels, Leonard H.; Scott, William J.; and Voss, Roy N., to Ideal Industries, Inc. Cord grip. 4,549,038, 10-22-85, Cl. 174-65.0SS.

Mashiba, Hiroto: *See—*

Tokumori, Yutaka; Mokuda, Osamu; Ikeda, Tadasu; Takeda, Akira; Tominaga, Masato; and Mashiba, Hiroto, 4,562,071, Cl. 424-94.000.

Mashikian, Matthew S., to Energy Development Associates, Inc. Device for balancing parallel strings. 4,502,000, 2-26-85, Cl. 320-6.000.

Mashikian, Victor: *See—*

Shah, Hemen V.; Mashikian, Victor; Seaton, John; and Keller, Gordon, 4,536,839, Cl. 364-200.000.

Mashiko, Kazuyuki: *See—*

Sasaki, Akira; Mashiko, Kazuyuki; Saitoh, Shouji; and Hakoyama, Akiyoshi, 4,528,572, Cl. 346-76.0PH.

Mashiko, Koichiro, to Mitsubishi Denki Kabushiki Kaisha. Dynamic random access memory. 4,520,466, 5-28-85, Cl. 365-210.000.

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Matsui, Shougo; Mashima, Yoshimitu; and Kobayashi, Kenichi, 4,527,070, Cl. 250-560.000.

Mashimo, Satoshi; Tanaka, Masayuki; and Kinoshita, Takashi, to Mitsuboshi Belting Ltd. Drive belt with tensile cords. 4,498,891, 2-12-85, Cl. 474-205.000.

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Mashimo, Satoshi; Kakiuchi, Hazime; and Nakajima, Masayoshi, to Mitsuboshi Belting Ltd. Power transmission belt manufacture. 4,518,376, 5-21-85, Cl. 474-261.000.

Mashimo, Tohru; Nishio, Takashi; and Satoh, Osamu, to Mazda Motor Corporation. Automatically controlled rock drilling apparatus. 4,501,199, 2-26-85, Cl. 102-313.000.

Mashimo, Tohru; and Satoh, Osamu, to Mazda Motor Corporation. Explosive charging apparatus for rock drilling. 4,508,035, 4-2-85, Cl. 102-313.000.

Mashine, Hiroyoshi: *See—*

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Mashino, Zenichi: *See—*

Ohzeki, Osamu; Shimakawa, Katsuhiko; and Mashino, Zenichi, 4,539,012, Cl. 44-51.000.

Tajima, Hiroto; Kawakami, Hironori; Mashino, Zenichi; Hayami, Seinoshin; and Ohzeki, Osamu, 4,537,600, Cl. 44-51.000.

Masia, Michael: *See—*

Stewart, Ray F.; Masia, Michael; and Macknick, Albert B., 4,502,929, Cl. 204-147.000.

Masilamani, Divakaran; and Manahan, Edward H., to Allied Corporation. Autoxidative cleavage of ketones in the presence of pulverized alkali metal hydroxide. 4,510,321, 4-9-85, Cl. 562-421.000.

- Masino, Albert P.; Cowan, Kiplin D.; and Hawley, Gil R., to Phillips Petroleum Company. Polyolefin polymerization process and catalyst. 4,503,159, 3-5-85, Cl. 502-111.000.
- Masino, Leo, to E. Th. Noack Verpackungsmaschinen. Method for boxing bubble strips. 4,519,282, 5-28-85, Cl. 83-85.000.
- Mask, Ernest D. Articulated exercise bench with leg curl device. 4,509,746, 4-9-85, Cl. 272-134.000.
- Mask, Ernest D. Power hip, hack squat and leg exercise sled. 4,535,985, 8-20-85, Cl. 272-134.000.
- Mask, Ernest D.: *See—*
  - Hibler, Donald R., Jr.; and Mask, Ernest D., 4,549,734, Cl. 272-134.000.
- Maska, Rudolf: *See—*
  - Birkmeyer, William J.; Gray, Ralph C.; Dowbenko, Rostyslaw; Kapp, David C.; VanBuskirk, Ellor J.; and Maska, Rudolf, 4,517,322, Cl. 523-501.000.
- Maskell, Thomas J.: *See—*
  - Stein, Joseph L.; and Maskell, Thomas J., 4,554,035, Cl. 156-89.000.
- Maskingruppen 82 AB: *See—*
  - Johansson, Bengt, 4,514,952, Cl. 52-713.000.
- Maslak, Samuel H.; and Wright, John N., to Acuson. Phased array acoustic imaging system. 4,550,607, 11-5-85, Cl. 73-626.000.
- Maslanka, Harald. High frequency surgical snare electrode. 4,503,855, 3-12-85, Cl. 128-303.150.
- Maslanka, William W., to Hercules Incorporated. Wet strength resins. 4,515,657, 5-7-85, Cl. 162-164.300.
- Maslanka, William W., to Hercules Incorporated. Process for producing polyaminopolyamides containing halohydrin functionality. 4,520,159, 5-28-85, Cl. 524-606.000.
- Masler, William F., III; and Amjad, Zahid, to B. F. Goodrich Company, The. Scale inhibiting copolymer. 4,499,002, 2-12-85, Cl. 252-180.000.
- Masler, William F., III: *See—*
  - Amjad, Zahid; and Masler, William F., III, 4,532,048, Cl. 210-701.000.
- Masom, Ronald A., to Smiths Industries Public Limited Company. Optical element having a catalytic coating to promote oxidation of optically-opaque substances. 4,521,088, 6-4-85, Cl. 350-582.000.
- Mason, Anthony, to Whirlpool Corporation. Neutral pump-out for automatic washer. 4,491,210, 1-1-85, Cl. 192-46.000.
- Mason, Anthony: *See—*
  - Cartier, Roger J.; Cuthbert, Victor W.; and Mason, Anthony, 4,495,960, Cl. 137-122.000.
- Mason, Arthur C.; Faitel, William M.; and Haselhuhn, James M., to Lamb Technicon Corp. Workpiece handling apparatus. 4,530,637, 7-23-85, Cl. 414-750.000.
- Mason, Bradley: *See—*
  - Reed, Kenneth E.; Mason, Bradley; Mason, Jeff; and Nelson, Gregory R., 4,493,316, Cl. 128-80.00C.
- Mason, Carl J.: *See—*
  - Klayman, Daniel L.; Scovill, John P.; Bartosevich, Joseph F.; Mason, Carl J.; and Griffin, T. Scott, 4,493,930, Cl. 544-360.000.
- Mason, Charles D.: *See—*
  - Hochberg, Arie; Haylock, John C.; and Mason, Charles D., 4,525,513, Cl. 524-288.000.
- Mason, Charles E., to Conoco Inc. Pump down tool and check valve. 4,498,532, 2-12-85, Cl. 166-70.000.
- Mason, Charles W. Attachment of Herbst mechanism to maxillary arch. 4,551,095, 11-5-85, Cl. 433-19.000.
- Mason Corporation: *See—*
  - Corry, Jon C., 4,493,128, Cl. 16-197.000.
- Mason, David A. Rear extension for boat hull. 4,519,336, 5-28-85, Cl. 114-286.000.
- Mason, Donald C.: *See—*
  - Phillips, Robert L.; Phillips, R. Daryl; and Mason, Donald C., 4,543,948, Cl. 128-80.00A.
- Mason, Edgar G.; Clark, Harold; and Forsythe, James A., to Paton, Hugh. Apparatus and method for holding and cultivating aquatic crustaceans. 4,559,902, 12-24-85, Cl. 119-2.000.
- Mason, Edward M.; Tanner, Murray Q., III; and Finley, Michael J., to Affiliated Hospital Products, Inc. Operating table. 4,501,414, 2-26-85, Cl. 269-325.000.
- Mason, Edwin E.: *See—*
  - Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., 4,507,131, Cl. 55-104.000.
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- Mason, Gary R.; Speaker, Kenneth W.; Macropol, James L.; McKie, Robert A.; and Bailin, Sidney C., to Eaton Corporation. Controlled work flow system. 4,503,499, 3-5-85, Cl. 364-200.000.
- Mason, George W.: *See—*
  - Horwitz, E. Philip; Kalina, Dale G.; Kaplan, Louis; and Mason, George W., 4,548,790, Cl. 423-9.000.
- Mason & Hanger-Silas Mason Co., Inc.: *See—*
  - Martin, Alan B.; and Jackson, Ernest V., 4,499,946, Cl. 166-57.000.
  - Martin, Alan B.; and Jackson, Ernest V., 4,546,829, Cl. 166-267.000.
- Mason, Harry N. Earring with pendant and circumjacent spiral portion. 4,497,186, 2-5-85, Cl. 63-13.000.
- Mason, James R. Method of making a police restraint device. 4,534,097, 8-13-85, Cl. 29-432.200.
- Mason, James S.; and Foerster, David, to Pneumo Corporation. Servo actuator control/damping mechanism and method. 4,555,974, 12-3-85, Cl. 91-363.00A.
- Mason, James W., to Dasurat Enterprises PTE Ltd. Porous irrigation pipe prepared from particulate elastomer and thermoplastic binder containing controlled moisture content. 4,517,316, 5-14-85, Cl. 521-81.000.
- Mason, James W., to Primary Energy Research Corporation. Electroactive polymeric thin films. 4,557,978, 12-10-85, Cl. 428-457.000.
- Mason, Jeff: *See—*
  - Reed, Kenneth E.; Mason, Bradley; Mason, Jeff; and Nelson, Gregory R., 4,493,316, Cl. 128-80.00C.
- Mason, Joe; and Eckert, Hermann F., to Baxter Travenol Laboratories, Inc. Method for closing and sealing plastic tubing using a hot die and a rotating cold die. 4,521,366, 6-4-85, Cl. 264-312.000.
- Mason, John J.; Cunningham, Michael T.; and Crosby, Jeffrey N., to INCO Selective Surfaces Limited. Selective solar surfaces. 4,518,467, 5-21-85, Cl. 204-37.100.
- Mason, John Y.; and Hicks, Bruce W., to Rio Linda Chemical Co., Inc. Dry compositions for the production of chlorine dioxide. 4,547,381, 10-15-85, Cl. 426-316.000.
- Mason, Lawrence J.: *See—*
  - Lehman, Richard F.; Porth, Roland W.; and Mason, Lawrence J., 4,519,703, Cl. 355-69.000.
- Mason, Mark T.: *See—*
  - Morrill, David R.; Mason, Mark T.; and Green, Paul M., 4,516,023, Cl. 250-235.000.
- Mason, Peter G.; Wicks, Frank D.; and Gathje, John C., to Getty Oil Company. Process for the recovery of gold from refractory ores by pressure oxidation. 4,552,589, 11-12-85, Cl. 75-105.000.
- Mason, Preston A. Block guide cutter. 4,509,398, 4-9-85, Cl. 83-745.000.
- Mason, Reginald E. Roof ridge ventilator improvements. 4,558,637, 12-17-85, Cl. 98-42.210.
- Mason, Richard: *See—*
  - Miller, Anne K. M.; and Mason, Richard, 4,511,038, Cl. 206-454.000.
- Mason, Richard A.: *See—*
  - Ryan, William P.; Mason, Richard A.; Maida, Vincent A.; and Donovan, Timothy F., 4,495,380, Cl. 174-138.00D.
- Mason, Richard S.: *See—*
  - Bible, Robert E.; Bible, Robert E., Jr.; and Mason, Richard S., 4,538,909, Cl. 356-237.000.
- Mason, Robert, to Pall Corporation. Fluid filter with axial and circumferential seal. 4,557,834, 12-10-85, Cl. 210-445.000.
- Mason, Ronald C.: *See—*
  - DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., 4,501,064, Cl. 29-832.000.
- Mason, Ross S.; and Ellis, Peter J., to New Zealand Government Property Corporation. Remote sensing instrument. 4,495,416, 1-22-85, Cl. 250-338.000.
- Mason, Stanley I., Jr. Fruit bowl. 4,506,799, 3-26-85, Cl. 220-69.000.
- Mason, Walter R.; and Cummings, Jimmie L., to Hoge, Warren, Zimmerman Company. Apparatus for continuously producing a dry material and liquid slurry. 4,499,561, 2-12-85, Cl. 366-156.000.
- Masoncup, John F.; Peterson, Eric O.; and Peterson, Alan G., to Masoncup, John F. Padlock with tamper alarm. 4,556,872, 12-3-85, Cl. 340-542.000.
- Masonite Corporation: *See—*
  - Hsu, Oscar H. H.; and Tassler, Milford C., 4,514,532, Cl. 524-14.000.
  - Janiga, Eugene R., 4,559,097, Cl. 156-335.000.
  - Prior, William L.; and Sargeant, William C., 4,504,555, Cl. 428-689.000.
- Masovich, Felix Z.: *See—*
  - Spektor, Jury N.; Gaponov, Valery M.; and Masovich, Felix Z., 4,508,391, Cl. 299-43.000.
- Masreliez, Carl J. Medical or dental probe with self-heating tip and methods for making. 4,527,560, 7-9-85, Cl. 128-303.100.
- Mass, Barton: *See—*
  - Fahlen, Theodore S.; and Mass, Barton, 4,549,091, Cl. 307-106.000.
- Massachusetts Computer Corporation: *See—*
  - Cane, David A., 4,525,778, Cl. 364-200.000.
- Massachusetts General Hospital: *See—*
  - Bruns, Romaine R.; and Gross, Jerome, 4,505,855, Cl. 260-123.700.
  - Burnham, Charles A.; Bradshaw, John F., Jr.; Kaufman, David E.; Chesler, David A.; and Brownell, Gordon L., 4,531,058, Cl. 250-363.00S.
  - Burroughs, Robert H.; Wright, John D.; Secunda, Jeffrey A.; and Newbower, Ronald S., 4,537,128, Cl. 101-407.0BP.
  - Castronovo, Frank P.; Strauss, Harry W.; and Potsaid, Majic S., 4,515,766, Cl. 424-1.100.
  - Wands, Jack R.; and Zurawski, Vincent R., Jr., 4,491,632, Cl. 435-240.000.
- Massachusetts Institute of Technology: *See—*
  - Barringer, Eric A.; and Eagar, Thomas W., 4,512,822, Cl. 148-24.000.
  - Barringer, Eric A.; Fegley, M. Bruce, Jr.; and Bowen, H. Kent, 4,543,341, Cl. 501-1.000.
  - Barringer, Eric A.; and Eagar, Thomas W., 4,557,768, Cl. 148-24.000.
  - Bell, Eugene, 4,539,716, Cl. 623-1.000.
  - Bell, Eugene, 4,546,500, Cl. 623-1.000.
  - Clark, John I.; Mengel, Loretta S.; and Benedek, George B., 4,526,789, Cl. 514-627.000.
  - Crespi, Charles L.; and Thilly, William G., 4,532,204, Cl. 435-29.000.
  - Erwin, Lewis; and Dohner, Jeffrey L., 4,509,360, Cl. 73-61.00R.
  - Fan, John C. C.; and Bozler, Carl O., 4,514,581, Cl. 136-255.000.
  - Fan, John C. C.; and Gale, Ronald P., 4,547,622, Cl. 136-249.000.
  - Fan, John C. C.; and Bachner, Frank J., 4,556,277, Cl. 350-1.700.

  - Forman, Steven E.; and Caunt, James W., 4,501,966, Cl. 250-332.000.
  - Foyt, Arthur G.; Leonberger, Frederick J.; and Williamson, Richard C., 4,525,871, Cl. 455-325.000.
  - Frackelton, A. Raymond, Jr.; Eisen, Herman N.; and Ross, Alonzo H., 4,543,439, Cl. 935-92.000.
  - Geis, Michael W.; and Smith, Henry I., 4,562,106, Cl. 428-195.000.
  - Glicksman, Leon R., 4,534,119, Cl. 34-95.000.
  - Guiseppi-Elie, Anthony; and Wnek, Gary E., 4,499,007, Cl. 252-500.000.
  - Ham, Norman D., 4,519,743, Cl. 416-1.000.
  - Haus, Hermann A.; Kirsch, Steven T.; and Leonberger, Frederick J., 4,505,587, Cl. 356-345.000.
  - Henshaw, Philip D., 4,508,431, Cl. 350-354.000.
  - Horwitz, Christopher M., 4,495,090, Cl. 252-372.000.
  - Johnson, Leonard M., 4,515,430, Cl. 350-96.130.
  - Leonberger, Frederick J.; Melngailis, Ivars; Bozler, Carl O.; and McClelland, Robert W., 4,518,219, Cl. 350-96.120.
  - Lynch, John T.; Anderson, Alfredo C.; Withers, Richard S.; and Wright, Peter V., 4,499,441, Cl. 333-161.000.
  - Mazurek, Harry; Day, David R.; Maby, Edward W.; and Abel, Jonathan S., 4,491,605, Cl. 427-38.000.
  - Plotkin, George M.; Bendrick, Charles J.; and Wolf, George, 4,496,539, Cl. 424-94.000.
  - Schreiber, William F., 4,500,919, Cl. 358-78.000.
  - Sharpless, Karl B.; and Johnson, Roy A., 4,560,811, Cl. 568-848.000.
  - Suh, Nam P.; and Rinderle, James R., 4,548,773, Cl. 264-40.600.
  - Vayenas, Costas G.; and Teague, Catherine E., 4,512,964, Cl. 423-403.000.
  - Weinberg, Robert A.; Tabin, Clifford J.; and Bradley, Scott M., 4,535,058, Cl. 435-6.000.
  - Wrighton, Mark S.; Buchanan, Robert M.; and Calabrese, Gary S., 4,533,443, Cl. 204-84.000.
  - Wurtman, Richard J., 4,542,123, Cl. 514-3.000.
  - Yannas, Ioannis V.; and Burke, John F., 4,505,266, Cl. 128-1.00R.
  - Yannas, Ioannis V.; Burke, John F.; and Stasikelis, Peter J., 4,522,753, Cl. 260-123.700.
- Massaglia, Piercarlo; Pagana, Enrico; and Savini, Dario, to SIP - Societa Italiana per l'Esercizio Telefonico p.A. Waveguide structure for separating microwaves with mutually orthogonal planes of polarization. 4,498,062, 2-5-85, Cl. 333-135.000.
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- Massardo, Pietro: *See—*
  - Bettarini, Franco; Massardo, Pietro; Piccardi, Paolo; and Longoni, Angelo, 4,540,711, Cl. 514-720.000.
  - Caprioli, Vincenzo; Longoni, Angelo; and Massardo, Pietro, 4,503,042, Cl. 424-141.000.
- Massarelli, Liberto; and Capriotti, Luigi, to Societa Italiana Vetro-SIV-S.p.A. Turntable platter for record players. 4,535,438, 8-13-85, Cl. 369-264.000.
- Massaro, Thomas A.: *See—*
  - Schneider, Philip H.; Weber, William J.; and Massaro, Thomas A., 4,498,843, Cl. 417-22.000.
- Masse, Fernard J.: *See—*
  - Drake, Anthony F.; Masse, Fernard J.; and Grendahl, Dennis T., 4,543,673, Cl. 623-6.000.
- Masse, Joseph H. Apparatus for cutting glass. 4,494,444, 1-22-85, Cl. 83-886.000.
- Masse, Lionel; and Boisvert, Richard L. Vault. 4,524,904, 6-25-85, Cl. 232-7.000.
- Masse, Norman G.: *See—*
  - Gray, Thomas J.; Masse, Norman G.; and Hagstrom, Richard A., 4,503,251, Cl. 564-450.000.
  - Gray, Thomas J.; and Masse, Norman G., 4,513,149, Cl. 564-449.000.
- Massengeil, Hans A.; Overmeer, Robert; Pietruska, Joachim; and Caufriez, Jean J., to AGFA-Gevaert, A.G. Automatic feeder. 4,540,166, 9-10-85, Cl. 271-3.100.
- Masserang, Gregory J., to Android Corporation. Jaw assembly. 4,540,211, 9-10-85, Cl. 294-88.000.
- Massey, Becky L. Self adhesive nail overlay or wrap. 4,536,426, 8-20-85, Cl. 428-42.000.
- Massey, Charles R. Shaft alignment device. 4,516,328, 5-14-85, Cl. 33-181.00R.
- Massey-Ferguson Industries Limited: *See—*
  - Bagnall, Ralph S.; and Helm, William N., 4,542,785, Cl. 165-95.000.
- Massey-Ferguson-Perkins Limited: *See—*
  - Brear, Frederick, 4,516,549, Cl. 123-276.000.
  - Whitehead, David A., 4,502,452, Cl. 123-574.000.
- Massey-Ferguson Services N.V.: *See—*
  - Batchelor, Frederick H.; and Brown, David J., 4,526,055, Cl. 74-471.0XY.
  - Lasoen, Jean J., 4,499,775, Cl. 73-862.570.
  - Muller, Jean Claude; and McNaught, James B., 4,501,282, Cl. 130-27.00P.
  - Yapp, Robert E.; and Smith, John D., 4,492,080, Cl. 60-388.000.
- Massey, Fred L.; and Callander, Douglas D., to Goodyear Tire & Rubber Company, The. High clarity colorless polyesters. 4,499,226, 2-12-85, Cl. 524-382.000.
- Massey, James L.; and Schaub, Thomas, to LGZ Landis & Gyr Zug AG. Method and apparatus for recognizing in a receiver the start of a telegram signal consisting of a bit impulse sequence. 4,506,372, 3-19-85, Cl. 375-116.000.
- Massey, Joe I. Method and apparatus for heating pressure vessel used in tire retreading system. 4,547,241, 10-15-85, Cl. 156-96.000.
- Massey, John R., to AT&T Bell Laboratories. Cable closure. 4,558,174, 12-10-85, Cl. 174-92.000.
- Massey, Richard P.; and Rowe, Purnell E., to AT&T Bell Laboratories. Series ferroresonant regulated rectifier with added capacitor shunting the saturating reactor winding. 4,558,229, 12-10-85, Cl. 307-17.000.
- Massey, Roger G.; and Holloway, David G., to Parker & Harper Manufacturing Company, The. Valve handle with selectable stops. 4,559,966, 12-24-85, Cl. 137-270.000.
- Massie, Claude P. Bracket for fire extinguishers. 4,505,448, 3-19-85, Cl. 248-313.000.
- Massie, James E.: *See—*
  - Spain, Raymond G.; and Massie, James E., 4,499,216, Cl. 523-437.000.
- Massil, Solomon: *See—*
  - Bracha, Peretz; and Massil, Solomon, 4,551,458, Cl. 514-259.000.
- Massimo, Bucefari; and Michele, Lazzarini, to I.C.M. S.p.A. Italiana Costruzioni Metalmeccaniche. Machine for producing ornamental chains made up of links of different forms and/or dimensions connected in any programmable sequence. 4,548,031, 10-22-85, Cl. 59-16.000.
- Massinger, Barry K.: *See—*
  - Smets, John E.; Smets, John S.; Smets, Robert D.; and Massinger, Barry K., 4,492,016, Cl. 29-432.000.
- Massino, Chester F., to Ideas That Sell, Inc. Soccer ball and method of making same. 4,542,902, 9-24-85, Cl. 273-65.00A.
- Massmann, Volker: *See—*
  - Poetsch, Dieter; Massmann, Volker; Becker, Werner; and Wagner, Horst, 4,513,324, Cl. 358-214.000.
- Massol, Jean-Jacques, to Isover Saint-Gobain. Glass fibers for the reinforcement of cement. 4,534,796, 8-13-85, Cl. 106-99.000.
- Masson, Laverne F. Propane feeding device for internal combustion engines. 4,553,519, 11-19-85, Cl. 123-527.000.
- Masson, Pierre L.: *See—*
  - Collet-Cassart, Daniel; Mareschal, Jean-Claude; and Masson, Pierre L., 4,556,642, Cl. 436-500.000.
- Masson, Vijay, to Heat-Timer Corporation. Hot water heating system control device. 4,527,246, 7-2-85, Cl. 364-505.000.
- Masstron Scale Inc.: *See—*
  - Stolz, Ronald D.; Dillon, Benny N.; and Weihs, Frederick H., 4,529,051, Cl. 177-134.000.
  - Susor, William C., deceased, 4,492,280, Cl. 177-211.000.
- Mast, Aquila D., to Sperry Corporation. Round baler with dual function finger drum. 4,559,770, 12-24-85, Cl. 56-341.000.
- Mast, Aquila D.: *See—*
  - High, Sam; and Mast, Aquila D., 4,509,862, Cl. 366-158.000.
- Mast, Fred; and Waser, Rudolf, to Gretag Aktiengesellschaft. Optical image amplifier. 4,519,682, 5-28-85, Cl. 353-122.000.
- Mast Immunosystems, Ltd.: *See—*
  - Marinkovich, Vincent A.; Riege, David H.; and Dyminski, John W., 4,558,013, Cl. 436-513.000.
  - Sell, William J.; Peisach, Joel M.; and Riege, David H., 4,510,393, Cl. 250-475.200.
- Mast, Norbert L.: *See—*
  - Currier, Stephen M.; Penhollow, Bert G. H.; Hof, Gordon G.; and Mast, Norbert L., 4,502,842, Cl. 417-8.000.
- Mast, Steven C.; and Altman, Frederick D. Oil recovery system for two cycle diesel engines. 4,512,293, 4-23-85, Cl. 123-65.00B.
- Masteller, Bill L.: *See—*
  - Miller, Ronald P.; Chiles, William H.; and Masteller, Bill L., 4,506,348, Cl. 365-73.000.
- Masten, Billy R.: *See—*
  - Benitez, Willie B., III; and Masten, Billy R., 4,517,455, Cl. 235-463.000.
- Master Consolidated Corporation: *See—*
  - Owens, Joe M., 4,541,750, Cl. 404-110.000.
- Master Juvenile Products: *See—*
  - Arginsky, Richard C., 4,498,627, Cl. 239-279.000.
- Master Modular Homes, Inc.: *See—*
  - Del Valle, Jamie L., 4,495,131, Cl. 264-256.000.
- Master Pitching Machine, Inc.: *See—*
  - Giovagnoli, Paul S., 4,524,749, Cl. 124-7.000.
- Master, Raj N.: *See—*
  - Tummala, Rao R.; and Master, Raj N., 4,504,340, Cl. 156-89.000.
- Masterman, Hugh C.: *See—*
  - Sawyer, Carleton E.; and Masterman, Hugh C., 4,508,989, Cl. 310-184.000.
- Masters, Anthony F.; and Cavell, Kingsley J., to Commonwealth Scientific and Industrial Research Organization. Catalysts for olefin oligomerization and isomerization. 4,533,651, 8-6-85, Cl. 502-117.000.
- Masters, David R.: *See—*
  - Holcombe, Cressie E.; Masters, David R.; and Pfeiler, William A., 4,550,412, Cl. 373-155.000.
- Masters, Edward R.: *See—*
  - Fanelli, Michael W.; and Masters, Edward R., 4,520,431, Cl. 362-180.000.
- Masters, Ian M.: *See—*
  - Weir, Donald R.; Masters, Ian M.; and Bolton, Gerald L., 4,505,744, Cl. 75-120.000.
  - Weir, Donald R.; Masters, Ian M.; Doyle, Barry N.; and Chalkley, Michael E., 4,545,963, Cl. 423-26.000.

- Masters, Richard M.: *See—*
  - Sharp, Harper E.; Spiegel, Leo; Masters, Richard M.; Frey, Elmer J.; Howatt, John R.; and Walker, Gary E., 4,537,067, Cl. 73-151.000.
- Masters, William E. Combination flotation storage and seating structures for boats. 4,503,799, 3-12-85, Cl. 114-363.000.
- Masters, William E. Breakaway kayak cockpit and method. 4,520,747, 6-4-85, Cl. 114-347.000.
- Mastikova, Margarita H.: *See—*
  - Galabov, Angel S.; and Mastikova, Margarita H., 4,499,093, Cl. 514-258.000.
- Mastin, James: *See—*
  - Williams, Robert D.; and Mastin, James, 4,518,191, Cl. 296-91.000.
- Mastrocola, Antonietta R.: *See—*
  - Adger, Brian M.; and Mastrocola, Antonietta R., 4,526,974, Cl. 546-329.000.
- Mastrodicasa, Arthur R. Display fixture. 4,527,697, 7-9-85, Cl. 211-189.000.
- Mastromatteo, Frank J. T-top lock-handle. 4,535,613, 8-20-85, Cl. 70-221.000.
- Mastromatteo, Michael. Methods of welding. 4,513,194, 4-23-85, Cl. 219-121.0EC.
- Mastromoro, John F., to Strobert, Samuel S., a part interest. Cordless telephone having a remote control function. 4,508,935, 4-2-85, Cl. 179-2.0EA.
- Mastuyama, Takashi; and Noda, Kazuo, to Olympus Optical Co., Ltd. Original conveying apparatus for copying machine. 4,530,591, 7-23-85, Cl. 355-8.000.
- Masu, Masanobu: *See—*
  - Sugio, Akitoshi; Masu, Masanobu; and Matunaga, Masatugu, 4,496,695, Cl. 525-391.000.
  - Sugio, Akitoshi; Masu, Masanobu; Matunaga, Masatugu; and Kimpara, Hidenori, 4,503,186, Cl. 525-63.000.
  - Sugio, Akitoshi; Masu, Masanobu; and Kobayashi, Toshihiko, 4,556,685, Cl. 524-141.000.
- Masuda, Akira: *See—*
  - Matsumura, Toshimi; Miyaki, Masahiko; Tomishima, Hitoshi; and Masuda, Akira, 4,495,920, Cl. 123-436.000.
  - Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, 4,492,534, Cl. 417-386.000.
  - Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, 4,499,883, Cl. 123-503.000.
  - Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, 4,503,821, Cl. 123-357.000.
  - Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, 4,503,830, Cl. 123-501.000.
  - Shinoda, Kazuo; Miyaki, Masahiko; Masuda, Akira; and Koide, Hiroshi, 4,505,240, Cl. 123-357.000.
- Masuda, Eiji; and Matsuo, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. MOS switch circuit with consistent low on resistance. 4,518,880, 5-21-85, Cl. 307-577.000.
- Masuda, Eiji; and Matsuo, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Operational amplifier. 4,524,327, 6-18-85, Cl. 330-253.000.
- Masuda, Eiji; Matsuo, Kenji; and Fujita, Yasuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Autozeroed comparator. 4,560,890, 12-24-85, Cl. 307-355.000.
- Masuda, Eiji: *See—*
  - Fujita, Yasuhiko; and Masuda, Eiji, 4,539,551, Cl. 340-347.0AD.
  - Matsuo, Kenji; and Masuda, Eiji, 4,511,814, Cl. 307-572.000.
- Masuda, Fumihiko, to Shin Nihon Machine Manufacturing Co., Ltd. Automatic confectionary-and-likes manufacturing equipment. 4,517,785, 5-21-85, Cl. 53-116.000.
- Masuda, Hiroaki, to Sankyo Dengyo Co., Ltd. Classifier. 4,545,897, 10-8-85, Cl. 209-135.000.
- Masuda, Hiroo: *See—*
  - Shimohigashi, Katsuhiro; Masuda, Hiroo; Ikuzaki, Kunihiko; and Kawamoto, Hiroshi, 4,539,658, Cl. 365-207.000.
- Masuda, Hisaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Process variable transmitter. 4,549,180, 10-22-85, Cl. 340-870.040.
- Masuda, Hitoshi: *See—*
  - Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, 4,517,096, Cl. 210-668.000.
- Masuda, Ikuro: *See—*
  - Maejima, Hideo; Masuda, Ikuro; Matsumoto, Hidekazu; and Miyazawa, Shyoichi, 4,523,276, Cl. 364-200.000.
  - Sugimoto, Norihiko; Hamada, Nobuhiro; Masuda, Ikuro; and Sakurai, Jinichi, 4,500,951, Cl. 364-186.000.
- Masuda, Isao; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Komura, Makoto, to Victor Company of Japan, Ltd. Circuit arrangement for a disk player for reproducing information prerecorded in the form of pits. 4,509,155, 4-2-85, Cl. 369-48.000.
- Masuda, Isao; Takahashi, Nobuaki; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Ueno, Shoji, to Victor Company of Japan, Ltd. Digital information signal recording system. 4,516,163, 5-7-85, Cl. 360-32.000.
- Masuda, Isao: *See—*
  - Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, 4,561,083, Cl. 369-59.000.
- Masuda, Itsuro, to Hamada Printing Press Mfg. Co., Ltd. Printer-slotter with speed variable motor control. 4,527,788, 7-9-85, Cl. 270-21.100.
- Masuda, Jiro: *See—*
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,516,652, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,864, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,865, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,537,272, Cl. 180-176.000.
- Masuda, Katuya: *See—*
  - Kurihara, Toshio; Kunita, Masao; Yasunaga, Makoto; Masuda, Katuya; Moriya, Takashi; and Oosawa, Seiichi, 4,509,421, Cl. 101-93.040.
- Masuda, Kenji, to Daikin Kogyo Co., Ltd. Fluid flow control system. 4,523,430, 6-18-85, Cl. 60-420.000.
- Masuda, Koji, to Nissan Motor Company, Limited. High activity catalyst for reforming of methanol and process of preparing same. 4,499,205, 2-12-85, Cl. 502-303.000.
- Masuda, Koji, to Nissan Motor Company, Limited. Catalyst for reforming of methanol and process of preparing same. 4,501,823, 2-26-85, Cl. 502-304.000.
- Masuda, Kosaku; and Tashiro, Shuichirow, to Jidosha Kiki Co., Ltd. Vane pumps. 4,505,649, 3-19-85, Cl. 417-300.000.
- Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, to Konishiroku Photo Industry Co., Ltd. Silver halide color photographic material. 4,562,146, 12-31-85, Cl. 430-546.000.
- Masuda, Makoto; Iwasita, Hiroshi; and Kuwabara, Toshihiko, to Fuji Seimitsu Mfg. Co., Ltd. Cover of a nut in engagement with a bolt. 4,557,654, 12-10-85, Cl. 411-431.000.
- Masuda, Masami: *See—*
  - Ochii, Kiyofumi; Masuda, Masami; and Kondo, Takeo, 4,535,255, Cl. 307-264.000.
- Masuda, Masao, to Kabushiki Kaisha Masuda Seisakusho. Treating textile material with non woven fabric rolls. 4,535,611, 8-20-85, Cl. 68-202.000.
- Masuda, Michio, to Hitachi, Ltd. Color image pickup device. 4,504,854, 3-12-85, Cl. 358-44.000.
- Masuda, Michio: *See—*
  - Aizawa, Iwao; and Masuda, Michio, 4,517,587, Cl. 358-17.000.
  - Imaide, Takuya; Masuda, Michio; Okuda, Akihide; and Nishimura, Ryuji, 4,556,911, Cl. 358-212.000.
- Masuda, Minoru: *See—*
  - Kunishima, Mamoru; Yabuuchi, Masahiko; Masuda, Minoru; Imazumi, Kikuo; and Hamano, Hiroaki, 4,495,348, Cl. 544-021.000.
- Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, to Matsushita Electric Industrial Co., Ltd. Image display apparatus. 4,523,225, 6-11-85, Cl. 358-56.000.
- Masuda, Mitsuya: *See—*
  - Ueda, Minoru; Iyehara, Sadahiro; Masuda, Mitsuya; Inohara, Shizuo; and Yamamoto, Keisuke, 4,535,272, Cl. 315-366.000.
- Masuda, Mituyoshi: *See—*
  - Kawai, Taneichi; and Masuda, Mituyoshi, 4,561,691, Cl. 296-216.000.
- Masuda, Sadao: *See—*
  - Nakazato, Norio; Yoshimatsu, Sachihiro; Nawata, Makoto; and Masuda, Sadao, 4,530,708, Cl. 62-13.000.
- Masuda, Senichi; and Sugita, Naoki, to Masuda, Senichi. High-efficiency electrostatic filter device. 4,509,958, 4-9-85, Cl. 55-132.000.
- Masuda, Senichi. Pulse power supply for generating extremely short pulse high voltages. 4,541,848, 9-17-85, Cl. 55-139.000.
- Masuda, Shigeo; and Katsuda, Morihiko, to Sumitomo Electric Industries, Ltd. Process for producing insulated rectangular wire. 4,552,599, 11-12-85, Cl. 156-50.000.
- Masuda, Shigeru; and Yashima, Tsuneaki, to Kawasaki Yucoh Co., Ltd. Method and apparatus for producing sheet molding compound parts by compression. 4,557,889, 12-10-85, Cl. 264-320.000.
- Masuda, Shigeru: *See—*
  - Mori, Teijiro; Wada, Yuichi; Nishisako, Shizutaka; Tazawa, Hiroaki; and Masuda, Shigeru, 4,539,451, Cl. 200-147.00R.
  - Okado, Hiroyuki; Masuda, Shigeru; and Mori, Teijiro, 4,521,655, Cl. 200-147.00R.
- Masuda, Shoji, to Honda Giken Kogyo Kabushiki Kaisha. Intake system for internal combustion engines. 4,497,286, 2-5-85, Cl. 123-52.00M.
- Masuda, Shunichi; Yagasaki, Toshiaki; and Kasuya, Yukio, to Canon Kabushiki Kaisha. Image forming apparatus. 4,515,458, 5-7-85, Cl. 355-3.0SH.
- Masuda, Shunichi; Shimizu, Katsuichi; Yagasaki, Toshiaki; and Sakamaki, Hisashi, to Canon Kabushiki Kaisha. Image forming device. 4,530,063, 7-16-85, Cl. 364-518.000.
- Masuda, Shunichi, to Canon Kabushiki Kaisha. Image recording apparatus. 4,537,497, 8-27-85, Cl. 355-14.00R.
- Masuda, Shunichi; Furuichi, Katsushi; and Takahata, Naomi, to Canon Kabushiki Kaisha. Paper feed control device. 4,540,170, 9-10-85, Cl. 271-259.000.
- Masuda, Shunichi; and Satoh, Yukio, to Canon Kabushiki Kaisha. Optical communication apparatus. 4,549,314, 10-22-85, Cl. 455-618.000.
- Masuda, Shunichi, to Canon Kabushiki Kaisha. Copying or printing apparatus. 4,556,310, 12-3-85, Cl. 355-14.00R.
- Masuda, Shunichi, to Canon Kabushiki Kaisha. Image forming apparatus. 4,561,765, 12-31-85, Cl. 355-14.0SH.
- Masuda, Shunichi: *See—*
  - Kasuya, Yukio; Yagasaki, Toshiaki; and Masuda, Shunichi, 4,530,593, Cl. 355-14.00R.

Masuda, Shunji; Nakaya, Hisashi; and Okazaki, Katumi, to Mazda Motor Corporation. Multiple-displacement engine. 4,556,026, 12-3-85, Cl. 123-198.00F.

Masuda, Shunji: *See—*
Nagao, Akihito; Takahashi, Kouichi; Masuda, Shunji; Fujimoto, Misao; and Nishikawa, Toshio, 4,552,112, Cl. 123-432.000.

Masuda, Sinichi, to Sharp Kabushiki Kaisha. Reset pulse generator. 4,536,667, 8-20-85, Cl. 307-592.000.

Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, to Fuji Photo Film Co., Ltd.; and Nippon Light Metal Company Ltd. Method for electrolytic treatment. 4,536,264, 8-20-85, Cl. 204-129.430.

Masuda, Takashi: *See—*
Takeshita, Takeaki; Oba, Katuyuki; Shimoyama, Yoshiaki; and Masuda, Takashi, 4,555,264, Cl. 75-49.000.

Masuda, Takayoshi: *See—*
Kawashima, Ryoji; Usagawa, Akira; and Masuda, Takayoshi, 4,496,547, Cl. 514-25.000.

Masuda, Tatsunosuke; Hohki, Tetsuo; and Kurusu, Yasuo, to Dainippon Screen Mfg. Co., Ltd. Printed area measuring apparatus. 4,555,180, 11-26-85, Cl. 356-445.000.

Masuda, Tatsuo: *See—*
Iwai, Kazuhiro; Masuda, Tatsuo; and Takayanagi, Shinji, 4,541,502, Cl. 180-217.000.

Masuda, Teruo; and Yamaguchi, Kazuyuki, to France Bed Co., Ltd. Tilting health table apparatus. 4,494,532, 1-22-85, Cl. 128-71.000.

Masuda, Teruo; Abe, Takeo; and Koike, Matsuhiro, to France Bed Co., Ltd. Mattress. 4,498,477, 2-12-85, Cl. 128-378.000.

Masuda, Toru, to Hosiden Electronics Co., Ltd. Jack. 4,493,526, 1-15-85, Cl. 339-183.000.

Masuda, Toshikazu: *See—*
Sakurada, Kazuyuki; Funyu, Yutaka; Togashi, Fusao; Kanno, Toyoji; and Masuda, Toshikazu, 4,506,531, Cl. 72-8.000.

Masuda, Toshiro; and Tanaka, Yoichi, to Toppan Printing Co., Ltd. Gravure screen and method of making the same. 4,553,215, 11-12-85, Cl. 364-525.000.

Masuda, Tsuneaki: *See—*
Shimizu, Senzo; Nomura, Isao; Yamamiya, Kazuo; and Masuda, Tsuneaki, 4,500,668, Cl. 524-427.000.

Masuda, Yoshiaki: *See—*
Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Masuda, Yoshihiko, to Toyota Jidosha Kogyo Kabushiki Kaisha. Control valve of exhaust gas recirculation apparatus. 4,497,335, 2-5-85, Cl. 137-244.000.

Masuda, Yoshikazu: *See—*
Terauchi, Tsuneo; and Masuda, Yoshikazu, 4,557,662, Cl. 414-744.00R.
Tsuda, Masaya; Yonemaru, Ken-Ichi; and Masuda, Yoshikazu, 4,492,977, Cl. 358-75.000.

Masuda, Yoshimichi: *See—*
Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Masuda, Yoshinobu, to Ono Pharmaceutical Co., Ltd. Method of anoxia treatment using prostaglandin analogues. 4,499,085, 2-12-85, Cl. 514-58.000.

Masuda, Yoshinori: *See—*
Fukushima, Isao; Kobori, Yasunori; Nishijima, Hideo; and Masuda, Yoshinori, 4,518,901, Cl. 318-328.000.

Masuda, Yukihiro: *See—*
Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, 4,549,117, Cl. 315-371.000.

Masugi, Takashi: *See—*
Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,493,833, Cl. 424-246.000.
Takaya, Takao; Masugi, Takashi; Ogino, Takashi; and Tsuji, Kiyoshi, 4,500,709, Cl. 544-58.100.
Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,544,653, Cl. 514-202.000.
Takaya, Takao; Takasugi, Hisashi; Masugi, Takashi; Yamanaka, Hideaki; and Kawabata, Kohji, 4,559,334, Cl. 514-202.000.
Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.

Masuhara, Hideki; Katada, Kunio; and Kudo, Uichi, to Hitachi, Ltd. Split structure type transformer. 4,533,892, 8-6-85, Cl. 336-147.000.

Masuhara, Toshiaki: *See—*
Koike, Norio; Takemoto, Iwao; Ohba, Shinya; Masuhara, Toshiaki; and Kubo, Masaharu, 4,514,766, Cl. 358-213.000.
Koike, Norio; Ohba, Shinya; and Masuhara, Toshiaki, 4,559,550, Cl. 357-24.000.
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Tabata, Junichi; Torii, Masahiro; Oikawa, Hiroshi; Sawada, Minoru; and Masui, Yasuyuki, 4,513,753, Cl. 128-706.000.

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Hirabayashi, Shigeto; Masukawa, Toyoaki; Ishikawa, Wataru; and Harada, Tetsuya, 4,543,309, Cl. 430-31.000.
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Yokoshima, Naohiko; Masumoto, Nobuyoshi; and Sui, Akira, 4,517,726, Cl. 29-527.400.

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Masunaga, Makoto; and Taka, Hideo, to Canon Kabushiki Kaisha. Distance measuring device and automatic focusing system using same. 4,533,241, 8-6-85, Cl. 356-1.000.

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Yahagi, Mitsuhisa; Masunaga, Mikio; Watanabe, Shuichi; and Tanaka, Tsutomu, 4,549,593, Cl. 152-330.00R.

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  - Ariizumi, Shoji; Segawa, Makoto; and Masuoka, Fujio, 4,535,426, Cl. 365-182.000.
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- Masushita Electric Industrial Co., Ltd.: *See—*
  - Kume, Nobuyuki; Yoshino, Harumi; and Nagaoka, Miyuki, 4,494,168, Cl. 361-273.000.
  - Nishino, Atsushi; Ikeda, Masaki; Kimura, Kunio; and Oyabu, Hajime, 4,493,900, Cl. 501-26.000.
- Masutani, Kenzo: *See—*
  - Yamada, Ken'ichi; Sumitomo, Hiroyuki; Horiguchi, Akira; and Masutani, Kenzo, 4,509,592, Cl. 165-166.000.
- Masuyama, Kenichi: *See—*
  - Ryoke, Katsumi; Masuyama, Kenichi; Yoneyama, Takashi; Nasu, Norio; and Tadokoro, Eiichi, 4,539,257, Cl. 428-323.000.
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  - Nunokawa, Kazuo; and Masuyama, Masayuki, 4,511,227, Cl. 351-208.000.
- Masuyama, Tetsuo: *See—*
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- Masuzawa, Sigeaki: *See—*
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- Maszalec, Judith A. Elastomeric compressible mixture. 4,500,353, 2-19-85, Cl. 75-252.000.
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  - Bailleux, Christian; Bernard, Michel; Dupont, Bernard; Lozach, Guy; and Mata, Jean-Pierre, 4,493,917, Cl. 524-394.000.
- Matagne, Daniel M.: *See—*
  - Niebes, Paul J.; Matagne, Daniel M.; Hanon, Etienne P.; Roba, Joseph L.; and Lambelin, Georges E., 4,507,314, Cl. 514-456.000.
- Matano, Masaharu: *See—*
  - Yamashita, Tsukasa; Matano, Masaharu; Mori, Kazuhiko; and Ota, Norihiro, 4,491,384, Cl. 350-96.130.
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- Matarainen, Reino, to Valmet Oy. Apparatus for on-machine supercalendering of paper. 4,492,612, 1-8-85, Cl. 162-360.00R.
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  - Bosshart, George S.; and Matarese, Alfred P., 4,503,130, Cl. 428-632.000.
- Matas Gabalda, Carlos, to ASA S.A. Machine for cabling yarns and in particular glass yarns. 4,549,393, 10-29-85, Cl. 57-58.360.
- Mataway, Thomas P.: *See—*
  - Milberger, Lionel J.; Martin, Jimmy R.; and Mataway, Thomas P., 4,534,583, Cl. 285-24.000.
- Matay, Istvan M., to TRW Inc. Acoustical position gage. 4,545,249, 10-8-85, Cl. 73-597.000.
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  - Derkacs, Thomas; Matay, Istvan M.; Murphy, Stephan D.; and Touhalisky, John, 4,523,468, Cl. 73-598.000.
- Matayoshi, Yutaka: *See—*
  - Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.
- Matburn (Holdings) Limited: *See—*
  - Bishop, David C.; and Lawrence, Gordon L., 4,561,439, Cl. 128-348.100.
- Matcon Rodgivende Ingenirfirma ApS.: *See—*
  - Joensen, Jon O., 4,505,004, Cl. 17-48.000.
- Matcovich, Charles: *See—*
  - D'Alessio, Michael S.; and Matcovich, Charles, 4,516,663, Cl. 187-19.000.
- Matec, Inc.: *See—*
  - Oja, Tonis; Petersen, Gary L.; and Cannon, David W., 4,497,208, Cl. 73-584.000.
- Mateja, Edward J.: *See—*
  - Beller, Wilbert E.; and Mateja, Edward J., 4,526,041, Cl. 73-861.470.
- Matejec, Reinhard: *See—*
  - Bergthaller, Peter; Odenwalder, Heinrich; and Matejec, Reinhard, 4,546,073, Cl. 430-543.000.
- Matejka, Robert C.; and Moretz, Nellie M., to Reliance Universal, Inc. Pigmented prepress coatings for composition board. 4,517,228, 5-14-85, Cl. 427-370.000.
- Materazzi, Mario: *See—*
  - De Luca, Giovanna; Di Stazio, Giovanni; Politi, Vincenzo; and Materazzi, Mario, 4,551,471, Cl. 514-419.000.
- Material Control, Inc.: *See—*
  - Kerr, James F., 4,533,037, Cl. 198-499.000.
  - Kerr, James F., 4,535,883, Cl. 198-499.000.
  - Reiter, Robert C., 4,533,035, Cl. 198-499.000.
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  - Kuziemka, Edmund J., 4,537,800, Cl. 427-327.000.
  - Kuziemka, Edmund J., 4,544,692, Cl. 524-361.000.
  - Rausch, John J.; and Novy, Russell F., 4,526,817, Cl. 427-431.000.
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  - Bar, Vilmos; Boszormenyi, Jozsef; Richter, Peter; Mercz, Jeno; and Rozsnyai, Tamas, 4,510,147, Cl. 514-314.000.
- Materials Research Corporation: *See—*
  - Class, Walter H.; Hurwitt, Steven D.; and Hill, Michael L., 4,525,262, Cl. 204-192.00R.
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  - Virkar, Anil V.; and Natesh, Ram, 4,546,652, Cl. 73-776.000.
- Materiel et Auxiliaire de Signalisation et de Controle pour l'Automation-Auxitrol: *See—*
  - Khoi, Danny J., 4,554,830, Cl. 73-299.000.
- Matern, Kurt: *See—*
  - Grigoleit, Georg; Oberkobusch, Rudolf; Stadelhofer, Jurgen; and Matern, Kurt, 4,523,016, Cl. 546-252.000.
- Materna, Peter A., to United States of America, Energy. High-field double-pancake superconducting coils and a method of winding. 4,499,443, 2-12-85, Cl. 335-216.000.
- Mates, Edward I.: *See—*
  - Fecik, Michael T.; Ewing, John J.; and Mates, Edward I., 4,525,196, Cl. 65-287.000.
- Matesa, Joseph M., to PPG Industries, Inc. Ablating liquefaction employing plasma. 4,545,798, 10-8-85, Cl. 65-27.000.
- Matesa, Joseph M.: *See—*
  - Demarest, Henry M., Jr.; and Matesa, Joseph M., 4,539,030, Cl. 65-27.000.
  - Kunkle, Gerald E.; and Matesa, Joseph M., 4,559,071, Cl. 65-135.000.
- Matesco, Michel G. P., to Eyquem. Sparking-plug. 4,540,912, 9-10-85, Cl. 313-142.000.
- Mateus, Ernesto. Helicopter flight control and transmission system. 4,531,692, 7-30-85, Cl. 244-17.190.
- Mathad, Gangadhara S.: *See—*
  - Chen, Lee; and Mathad, Gangadhara S., 4,511,430, Cl. 156-643.000.
  - Chen, Lee; Hendricks, Charles J.; Mathad, Gangadhara S.; and Poloncic, Stanley J., 4,534,816, Cl. 156-345.000.
- Mathe, Georges: *See—*
  - Chermann, Jean-Claude; Jasmin, Claude; Mathe, Georges; Raynaud, Marcel, deceased; and Raynaud, Odette J., heir, 4,547,369, Cl. 424-131.000.
- Mathematical Sciences Northwest, Inc.: *See—*
  - Grynberg, Jack; Nelson, Leonard Y.; and Moody, Stephen E., 4,492,862, Cl. 250-255.000.
- Matheny, Perry D.: *See—*
  - Chasar, Dwight W.; and Matheny, Perry D., 4,515,733, Cl. 260-988.000.
- Matheny, William F., III; Bernard, Clay, II; and Angell, William M., to SPS Technologies, Inc. Carousel automatic storage and retrieval system. 4,561,820, 12-31-85, Cl. 414-331.000.
- Mather, Joseph M.; and Albright, Larry E., to Clark Equipment Company. Transverse engine mounting. 4,535,868, 8-20-85, Cl. 180-297.000.
- Mather, Naomi. Educational toy and method. 4,518,358, 5-21-85, Cl. 434-195.000.
- Matherly, James F.; and Southard, Benny S. Bow holder. 4,542,873, 9-24-85, Cl. 248-218.400.
- Mathers, James E.; and Yale, Ramon L., to GTE Products Corporation. Terbium-activated gadolinium oxysulfide X-ray phosphor. 4,507,560, 3-26-85, Cl. 250-483.100.
- Mathes, H. Bernard, to United States of America, Navy. Axial acoustic wave attenuator for ramjets. 4,494,625, 1-22-85, Cl. 181-213.000.
- Mathes, Josef; Abendroth, Paul; Holl, Roland; and Seikel, Wolfgang, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Changeover protection system for perfecting printing machines. 4,530,283, 7-23-85, Cl. 101-230.000.
- Matheson, Frederick A.: *See—*
  - Gurr, George P.; and Matheson, Frederick A., 4,551,812, Cl. 364-492.000.
- Mathevon, Paul: *See—*
  - Vere, Bernard; Biryoukoff, Maura; and Mathevon, Paul, 4,530,146, Cl. 29-468.000.
- Mathew, Chempolil T.; and Ulmer, Harry E., to Allied Corporation. Preparation from hydroxylammonium sulfate of oximes and hydroxamic acids via alcoholic hydroxylamine solution. 4,507,248, 3-26-85, Cl. 260-500.50H.
- Mathew, Chempolil T.; and Ulmer, Harry E., to Allied Corporation. Preparation of alcoholic hydroxylamine solution from hydroxylammonium sulfate. 4,551,323, 11-5-85, Cl. 423-387.000.
- Mathew, Chempolil T.; and Ulmer, Harry E., to Allied Corporation. Preparation from hydroxylammonium sulfate of other hydroxylammonium salts via alcoholic hydroxylamine. 4,551,324, 11-5-85, Cl. 423-387.000.
- Mathew, Christina C. Interoral tube fixing device. 4,498,903, 2-12-85, Cl. 604-174.000.
- Mathew, Moni G.; and Weisz, Thomas J., to TRW Inc. Microwave transmission device having gyromagnetic materials having different saturation magnetizations. 4,496,915, 1-29-85, Cl. 333-1.100.
- Mathew, Ronald G. Gun locking device. 4,512,099, 4-23-85, Cl. 42-1.0LP.
- Mathewes, Wolfgang, to Kraftwerk Union Aktiengesellschaft. Sample-taking apparatus for a container, containing a bulk material feed. 4,501,162, 2-26-85, Cl. 73-863.830.

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Mathews, George P., to Eaton Corporation. Torque limiting coil clutch and automatic slack adjuster utilizing same. 4,527,683, 7-9-85, Cl. 192-111.00A.

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Mathews, J. Paul. Device for filtering stack gases. 4,512,787, 4-23-85, Cl. 55-284.000.

Mathews, Lester: *See—*
Mathews, Lester R.; and Galvin, Jay, 4,561,134, Cl. 4-496.000.

Mathews, Lester R., to Caretaker Systems, Inc. Rotatable hydrotherapy nozzle. 4,559,653, 12-24-85, Cl. 4-541.000.

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Mathews, Marion J., III: *See—*
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Mathews, Paul K.: *See—*
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Mathews, Violet E., administrator: *See—*
Mathews, Bernard C., deceased; and Mathews, Violet E., administrator, 4,512,141, Cl. 56-13.600.

Mathewson Corporation: *See—*
Henderson, Ronald C., 4,534,737, Cl. 440-53.000.

Mathey, Francois: *See—*
Breque, Anne; Muller, Georges; Bonnard, Hubert; Mathey, Francois; and Savignac, Philippe, 4,504,683, Cl. 568-12.000.

Mathias, Eckart, to W. R. Grace & Co. Laser process for producing electrically conductive surfaces on insulators. 4,496,607, 1-29-85, Cl. 427-53.100.

Mathias, Jean M.: *See—*
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Bielinski, Ralph F.; Chacon, M. Frank; Kramer, Dennis M.; Mathias, William R.; and Schneider, Stanley, 4,538,199, Cl. 361-93.000.

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Gedeon, Andras; and Mathiasson, Lennart, 4,509,359, Cl. 73-23.000.

Mathiesen, Mait M.; Gillberg, Lars I.; Hellsten, Karl M. E.; and Karlsson, Gunvor B. T., to AB Carbogel; and Berol Kemi AB. Pumpable aqueous slurry of a solid fuel and a process for the production thereof. 4,496,367, 1-29-85, Cl. 44-51.000.

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Mathieu, Bernd; and Polaschegg, Hans-Dietrich, to Fresenius AG. Dialysis apparatus. 4,514,295, 4-30-85, Cl. 210-90.000.

Mathieu, Bernd; and Weber, Wolfram, to Fresenius AG. Apparatus for running off liquids from sealed vessels. 4,551,147, 11-5-85, Cl. 604-405.000.

Mathieu, Bernd: *See—*
Lolachi, Houshang; Mathieu, Bernd; and Weber, Wolfram, 4,540,397, Cl. 494-84.000.
Polaschegg, Hans-Dietrich; and Mathieu, Bernd, 4,552,552, Cl. 604-4.000.
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Mathieu, Daniel: *See—*
Auchapt, Pierre R.; and Mathieu, Daniel, 4,526,035, Cl. 73-439.000.

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Mathieu, Jean-Paul, to ICG Gasbec Inc. Apparatus for testing flow meters. 4,507,952, 4-2-85, Cl. 73-3.000.

Mathieu, Julien C., to Dayco Corporation. Method for forming a railway center plate liner. 4,548,666, 10-22-85, Cl. 156-245.000.

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Mathieu, Michel G.; and Le Rodallec, Andre J. L., to Etablissement Public de Diffusion dit "Telediffusion de France"; and Le Rodallec, Andre J. L. Disc and videodisc reader head positioning control system. 4,555,736, 11-26-85, Cl. 358-342.000.

Mathieu, Raymond J., to Hobart Corporation. Film wrapping machine including film length selection. 4,510,731, 4-16-85, Cl. 53-66.000.

Mathis, Cleo D. Whirlpool jets. 4,542,854, 9-24-85, Cl. 239-587.000.

Mathis, Logan H.: *See—*
Thornton, Douglas M.; and Mathis, Logan H., 4,542,767, Cl. 137-596.160.

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Martinovich, Robert J.; Mathis, Ronald D.; and Shiflet, Roger T., 4,548,971, Cl. 524-101.000.
Reed, Jerry O.; and Mathis, Ronald D., 4,543,224, Cl. 264-211.000.
Swisher, Gregory M.; and Mathis, Ronald D., 4,530,968, Cl. 525-96.000.

Mathis, Ronald F., to General Dynamics Corporation, Electronics Division. Fast frequency hopping demodulation system with serial accumulation of signal. 4,553,101, 11-12-85, Cl. 329-50.000.

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Mathographics Research Corporation: *See—*
Jarvis, Arthur B., 4,504,234, Cl. 434-188.000.

Mathou, Marcel. Rest bed, more specially for young children. 4,530,123, 7-23-85, Cl. 5-110.000.

Mathumoto, Shigemi; and Nagoshi, Fumiya, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. α-Methylstyrene high-content copolymers, a process for their production and thermoplastic resin compositions containing α-methylstyrene high-content copolymers blended with graft copolymers. 4,526,928, 7-2-85, Cl. 525-76.000.

Mathumoto, Sigemi; Kubota, Hidetaka; and Nagoshi, Fumiya, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Thermoplastic resin compositions. 4,525,530, 6-25-85, Cl. 525-84.000.

Mathur, Krishna S., to Procor Limited. Method and apparatus for pelletizing sulphur. 4,507,335, 3-26-85, Cl. 427-215.000.

Mathur, Pershottam P.; and Smith, William L., to A. H. Robins Company, Incorporated. Aryloxy-N-(aminoalkyl)-1-pyrrolidine and piperidine carboxamides and carbothioamides having antiarrhythmic activity. 4,547,514, 10-15-85, Cl. 514-327.000.

Mathys, Andre: *See—*
Ullmann, Werner; Bantle, Max; Neumann, Harry; Seuser, Ulrich H.; and Mathys, Andre, 4,557,075, Cl. 51-58.000.

Mathyssek, Konrad; and Mahlein, Hans, to Siemens Aktiengesellschaft. Optical polarizer having a prism. 4,556,292, 12-3-85, Cl. 350-394.000.

Matick, Richard E.: *See—*
Dill, Frederick H.; Ling, Daniel T.; and Matick, Richard E., 4,541,075, Cl. 365-189.000.

Matier, William L.; and Kam, Sheung-Tsam, to American Hospital Supply Corporation. Method for treating glaucoma by the topical administration of selectively metabolized beta-blocking agents. 4,501,912, 2-26-85, Cl. 560-66.000.

Matier, William L.; Erhardt, Paul W.; and Patil, Ghanshyam, to American Hospital Supply Corporation. Esters of 3-(3-substituted-amino-2-hydroxypropoxy)-4-substituted-1,2,5-thiadiazole derivatives. 4,508,725, 4-2-85, Cl. 514-362.000.

Matier, William L., to American Hospital Supply Corporation. Method for treating glaucoma by the topical administration of selectively metabolized beta-blocking agents. 4,559,359, 12-17-85, Cl. 514-522.000.

Matier, William L.: *See—*
Lawson, John E.; Matier, William L.; and Roth, Herbert R., 4,517,188, Cl. 514-394.000.
Stout, David M.; and Matier, William L., 4,562,201, Cl. 514-422.000.

Matievich, Michael. Firearm capable of firing different-sized cartridges. 4,494,332, 1-22-85, Cl. 42-77.000.

Matikainen, Keijo E.; and Jarvinen, Raimo M., to Oy Nokia Ab. Buoyant cable. 4,496,796, 1-29-85, Cl. 174-101.500.

Matilainen, Jorma: *See—*
Uomala, Vilho; Sandstrom, Kjell; and Matilainen, Jorma, 4,500,092, Cl. 277-12.000.

Matimura, Tugumi, to Itoki Kosakusho Co., Ltd. Guiding system for movable suspended partition walls. 4,555,828, 12-3-85, Cl. 16-95.00R.

Matisa Materiel Industriel S.A.: *See—*
Cicin-Sain, Ivo, 4,542,697, Cl. 104-2.000.

Matisa (U.K.) Limited: *See—*
Field, Keith C., 4,520,735, Cl. 105-215.00C.

Matkan, Josef: *See—*
Kuehnle, Manfred R.; Matkan, Josef; and Fraser, Kenneth D., 4,504,138, Cl. 355-10.000.

Matko, William F.: *See—*
Newell, S. David; Matko, William F.; Onoratti, James L.; and Parrott, Lawrence H., 4,549,337, Cl. 29-527.400.

Matlack, Albert S., to HIMONT Incorporated. Method for preparing an improved catalyst support, Ziegler-Natta catalyst utilizing said support and polymerization of 1-olefins utilizing said catalyst. 4,532,313, 7-30-85, Cl. 526-125.000.

Matlack, John D.: *See—*
Pocock, John F. E.; Cole, Charles A.; Villanueva, James G.; Matlack, John D.; and Lewis, Shelton E., 4,534,995, Cl. 427-38.000.

Matlock, Gordon E. Cross tie end plating machine. 4,494,685, 1-22-85, Cl. 227-41.000.

Matlock, Gordon E. Wood cross-tie end plating machine. 4,513,900, 4-30-85, Cl. 227-42.000.

Matlock, Mark G.: *See—*
Hergenrother, William L.; Matlock, Mark G.; and Ambrose, Richard J., 4,508,874, Cl. 525-285.000.

Matlock, Paul L.: *See—*

Matulewicz, William N.; Mohr, Paul H.; and Matlock, Paul L., 4,514,315, Cl. 252-75.000.

Matner, Martin: *See—*

Perrey, Hermann; and Matner, Martin, 4,535,111, Cl. 524-199.000.

Mato Maschinen-und Metallwarenfabrik Curt Matthaei GmbH & Co KG: *See—*

Stolz, Hermann, 4,522,329, Cl. 227-153.000.

Matoba, Gensuke: *See—*

Shioi, Shunsuke; Matoba, Gensuke; and Miyake, Makoto, 4,525,520, Cl. 524-512.000.

Matoba, Hiroshi: *See—*

Chijiishi, Toshio; Matoba, Hiroshi; Nakamura, Kazuo; and Higuchi, Toshiaki, 4,505,659, Cl. 425-121.000.

Matoba, Isao: *See—*

Goto, Tomomichi; Iwamoto, Katsuo; Kobayashi, Yoshinori; and Matoba, Isao, 4,517,032, Cl. 148-111.000.

Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, to Toyota Jidosha Kabushiki Kaisha; and Toyo Gomu Kogyo Kabushiki Kaisha. Bushing assembly for suspension arm. 4,491,429, 1-1-85, Cl. 384-221.000.

Matoba, Tamiji: *See—*

Shino, Kunihiko; and Matoba, Tamiji, 4,512,983, Cl. 424-195.100.

Matoba, Yasuo; and Ishimori, Isao, to Osaka Soda Co. Ltd. Curable composition of epichlorohydrin rubber and acrylic rubber and cured composition therefrom. 4,511,698, 4-16-85, Cl. 525-187.000.

Matousek, Stephen: *See—*

Bork, Carl R., Jr.; Steiss, William C.; Tobbe, William P.; Shufflebarger, Earl D.; Matousek, Stephen; and Gardner, Thomas J., 4,530,373, Cl. 137-516.290.

Matovich, Mitchel J. Load transporting apparatus. 4,491,452, 1-1-85, Cl. 414-427.000.

Matra: *See—*

Kerebel, Alain, 4,553,565, Cl. 137-590.000.

Lam, Do Mau, 4,494,200, Cl. 364-449.000.

Matra AG: *See—*

Fanti, Hansruedi, 4,524,473, Cl. 5-481.000.

Matrai, Erzsebet: *See—*

Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.

Matrana, Barry A.: *See—*

Hsu, Wen-Liang; Maly, Neil A.; Matrana, Barry A.; Strozier, Robert W.; and Wideman, Lawson G., 4,524,233, Cl. 585-606.000.

Matrick, Howard, to Du Pont de Nemours, E. I., and Company. Toners treated with polymeric quaternary ammonium salts and slip agent. 4,546,072, 10-8-85, Cl. 430-449.000.

Matrick, Howard, to Du Pont de Nemours, E. I., and Company. Pigment toners with improved transparency. 4,561,899, 12-31-85, Cl. 106-193.00P.

Matrick, Howard: *See—*

Grubb, Eugene L.; and Matrick, Howard, 4,547,457, Cl. 430-449.000.

Matrix Science Corporation: *See—*

Mattingly, William R., Jr.; Johnson, Lyle; and Maher, Tommy B., 4,500,153, Cl. 339-89.00M.

Mattingly, William R., Jr., 4,509,814, Cl. 339-93.00R.

Matrozza, Mark A., to Microlife Technics, Inc. Fermentation method and compositions including a *lactobacillus* species strain. 4,521,434, 6-4-85, Cl. 426-59.000.

Matschinsky, Wolfgang, to Bayerische Motoren Werke Aktiengesellschaft. Independent wheel suspension for motor vehicles. 4,556,238, 12-3-85, Cl. 280-701.000.

Matseas, William G.: *See—*

Herdeg, Donald F.; and Matseas, William G., 4,512,271, Cl. 112-158.00E.

Matsegora, Evgeny A.: *See—*

Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.

Matson, Charles L.: *See—*

Wood, Roger W.; and Matson, Charles L., 4,527,269, Cl. 371-3.000.

Matson, Donald F., to Western AG-Sales Inc. Bumper apparatus for low bed trailer. 4,516,902, 5-14-85, Cl. 414-480.000.

Matson, Gary R.: *See—*

Romansky, John A.; and Matson, Gary R., 4,501,483, Cl. 355-3.0FU.

Matson, James A., to Bristol-Myers Company. 4′-deschlororebeccamycin pharmaceutical composition and method of use. 4,524,145, 6-18-85, Cl. 514-43.000.

Matson, James E.: *See—*

Lynnworth, Lawrence C.; and Matson, James E., 4,538,469, Cl. 73-861.270.

Wallace, David R.; Korba, James M.; Matson, James E.; and Lynnworth, Lawrence C., 4,515,021, Cl. 73-861.270.

Matson, Wayne R., to ESA, Inc. Liquid chromatography. 4,497,199, 2-5-85, Cl. 73-61.10C.

Matson, Wayne R., to ESA, Inc. Liquid chromatograph with electrochemical detector and method. 4,511,659, 4-16-85, Cl. 436-150.000.

Matson, Wayne R., to ESA, Inc. Electrochemical system. 4,552,013, 11-12-85, Cl. 73-61.10C.

Matsu, Toshi: *See—*

Wada, Takashi; Wada, Masaru; and Matsu, Toshi, 4,505,252, Cl. 126-246.000.

Matsubara, Hidenobu: *See—*

Katagiri, Nobuhiko; Matsubara, Hidenobu; and Iida, Akio, 4,520,864, Cl. 165-60.000.

Matsubara, Katsumi: *See—*

Mori, Hidetomo; Matsushita, Osami; Matsubara, Katsumi; Ida, Michiaki; and Sasaki, Shigeru, 4,557,679, Cl. 418-201.000.

Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, to Hitachi, Ltd. Method of manufacturing an armature. 4,543,708, 10-1-85, Cl. 29-598.000.

Matsubara, Kentaro: *See—*

Matsuo, Yoshio; and Matsubara, Kentaro, 4,505,428, Cl. 238-349.000.

Matsubara, Masaki, to Olympus Optical Co., Ltd. Image-forming lens system. 4,491,394, 1-1-85, Cl. 350-414.000.

Matsubara, Masaki: *See—*

Iba, Youich; Nakahashi, Ken-ichi; and Matsubara, Masaki, 4,509,838, Cl. 354-62.000.

Matsubara, Michiro: *See—*

Ihara, Hiroyuki; Takahashi, Kazuo; Matsubara, Michiro; Kumata, Fumio; and Sanami, Yoshitomo, 4,495,089, Cl. 252-364.000.

Matsubara, Mitsuyoshi: *See—*

Arita, Masataka; and Matsubara, Mitsuyoshi, 4,520,494, Cl. 378-108.000.

Matsubara, Naoki; and Numata, Hideo, to Oval Engineering Co., Ltd. Electrode connections for a piezoelectric sensor. 4,511,819, 4-16-85, Cl. 310-340.000.

Matsubara, Naoki, to Oval Engineering Co., Ltd. Oscillation compensating apparatus for vortex flow meter. 4,526,040, 7-2-85, Cl. 73-861.240.

Matsubara, Nobuyuki: *See—*

Torigata, Hajime; Sumida, Atsushi; and Matsubara, Nobuyuki, 4,552,743, Cl. 423-447.700.

Yoshinaga, Minoru; Matsubara, Nobuyuki; and Yamamoto, Ryuichi, 4,534,920, Cl. 264-29.200.

Yoshinaga, Minoru; and Matsubara, Nobuyuki, 4,544,113, Cl. 242-178.000.

Matsubara, Norio: *See—*

Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, 4,524,562, Cl. 53-409.000.

Matsubara, Soichi; Morita, Hirobumi; and Watanabe, Shinpei, to Honda Giken Kogyo Kabushiki Kaisha. Workpiece preset jig arrangement in a welding apparatus. 4,535,927, 8-20-85, Cl. 228-6.100.

Matsubara, Tetsuyuki: *See—*

Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.

Matsubara, Tooru, to Nissan Shatai Company, Limited. Retractable air deflector. 4,492,406, 1-8-85, Cl. 296-217.000.

Matsubara, Toshiya: *See—*

Oda, Yoshio; Morimoto, Takeshi; and Matsubara, Toshiya, 4,518,470, Cl. 204-98.000.

Matsubara, Toshiyuki: *See—*

Ise, Masahiro; Machino, Katsuyuki; Tanaka, Hidehiko; and Matsubara, Toshiyuki, 4,517,548, Cl. 340-310.00R.

Ise, Masahiro; Tanaka, Hidehiko; Machino, Katsuyuki; Matsubara, Toshiyuki; and Terasaka, Teiji, 4,554,532, Cl. 340-501.000.

Matsubara, Yoshiharu; Hirashima, Tsuneaki; and Nishiguchi, Ikuzo, to Kuraray Co., Ltd. Method for production of 3-substituted-2,2-dimethylbicyclo[2.2.1]heptan-5-ols and esters thereof. 4,510,025, 4-9-85, Cl. 204-78.000.

Matsubara, Yoshitaka, to Kubota, Ltd. Control device. 4,553,446, 11-19-85, Cl. 74-471.00R.

Matsubayachi, Kynichi: *See—*

Boigegrain, Robert; Maffrand, Jean-Pierre; Suzuki, Norio; Matsubayachi, Kynichi; and Ashida, Shinichiro, 4,515,951, Cl. 546-114.000.

Matsubayashi, Hiroshi: *See—*

Imazu, Katsuhiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,541,546, Cl. 220-456.000.

Matsubayashi, Jun: *See—*

Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, 4,523,668, Cl. 192-107.00M.

Matsucka, Hiroyoshi: *See—*

Yoshida, Mitsuo; Matsucka, Hiroyoshi; and Munekuni, Hajime, 4,526,663, Cl. 204-98.000.

Matsuda, Akihisa: *See—*

Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.

Matsuda, Akio, to NEC Corporation. Still picture transmission apparatus. 4,561,020, 12-24-85, Cl. 358-134.000.

Matsuda, Akira: *See—*

Komoda, Akira; Hirooka, Yasuhiro; Yoshihara, Takahisa; and Matsuda, Akira, 4,500,400, Cl. 204-206.000.

Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, 4,541,903, Cl. 204-28.000.

Oda, Hidekuni; Minami, Syuji; Inoue, Hiroshi; Matsuda, Akira; and Yamamoto, Yohzoh, 4,510,303, Cl. 526-282.000.

Matsuda, Hideaki; and Saheki, Takasi, to Okura Kogyo Kabushiki Kaisha. Process for producing plastic concrete. 4,504,318, 3-12-85, Cl. 106-90.000.
Matsuda, Hideaki: *See—*
  Dohi, Hidemi; and Matsuda, Hideaki, 4,554,301, Cl. 524-210.000.
  Doi, Hidemi; Okamoto, Takanori; and Matsuda, Hideaki, 4,548,992, Cl. 525-167.000.
  Okamoto, Takanori; Mori, Hisakazu; and Matsuda, Hideaki, 4,510,270, Cl. 523-176.000.
  Okamoto, Takanori; Mori, Hisakazu; and Matsuda, Hideaki, 4,546,125, Cl. 523-176.000.
Matsuda, Hiroaki: *See—*
  Nakao, Shinroku; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,500,133, Cl. 297-131.000.
  Nakao, Shinroku; Saito, Hideo; Kato, Hitoshi; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,538,830, Cl. 280-647.000.
Matsuda, Hiroshi: *See—*
  Nakashima, Hisao; Umeda, Jun-ichi; Kuroda, Takao; Kajimura, Takashi; and Matsuda, Hiroshi, 4,503,540, Cl. 372-47.000.
Matsuda, Hiroto: *See—*
  Ikeda, Masami; Matsuda, Hiroto; Shibata, Makoto; and Takahashi, Hiroto, 4,536,250, Cl. 156-651.000.
  Sugitani, Hiroshi; Matsuda, Hiroto; and Ikeda, Masami, 4,558,333, Cl. 346-140.00R.
Matsuda, Hisashi, to Jeol Ltd. Mass spectrometer. 4,553,029, 11-12-85, Cl. 250-296.000.
Matsuda, Ikuo: *See—*
  Hayama, Nobuhiro; Kinjyo, Masasige; Okimoto, Haruo; and Matsuda, Ikuo, 4,494,506, Cl. 123-348.000.
  Okimoto, Haruo; and Matsuda, Ikuo, 4,554,890, Cl. 123-26.000.
  Tadokoro, Tomoo; Okimoto, Haruo; and Matsuda, Ikuo, 4,513,707, Cl. 123-242.000.
  Tanaka, Shinichi; Matsuda, Ikuo; Hirose, Namio; and Kobayashi, Kazutsugu, 4,504,934, Cl. 369-18.000.
Matsuda, Kazuo; and Morita, Koichi, to Kabushiki Kaisha Komatsu Seisakusho. Hydrostatic transmission. 4,548,036, 10-22-85, Cl. 60-464.000.
Matsuda, Kazuo: *See—*
  Mutoh, Yoshihiko; Matsuda, Kazuo; Ohshima, Masashi; and Ohuchi, Hiroo, 4,545,940, Cl. 260-428.000.
Matsuda, Keiji: *See—*
  Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,493,831, Cl. 424-180.000.
  Takaya, Takao; Tsutsumi, Hideo; Yasuda, Nobuyuki; and Matsuda, Keiji, 4,504,472, Cl. 514-36.000.
  Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,554,269, Cl. 514-35.000.
Matsuda, Ken: *See—*
  Iwata, Yoshitaka; and Matsuda, Ken, 4,560,623, Cl. 428-626.000.
Matsuda, Kenichi: *See—*
  Yamauchi, Masaaki; Yabe, Minoru; Shirai, Shoji; Komoro, Hidemasa; and Matsuda, Kenichi, 4,498,026, Cl. 313-414.000.
Matsuda, Kenji: *See—*
  Sato, Akihiro; Kikuta, Kazutsune; Matsuda, Kenji; Uwai, Toshihiro; and Hanari, Tohru, 4,514,513, Cl. 502-112.000.
  Sato, Akihiro; Kikuta, Kazutsune; Uwai, Toshihiro; Matsuda, Kenji; and Hattori, Nobutaka, 4,533,705, Cl. 526-114.000.
Matsuda, Khoichi, to Pioneer Electronic Corporation. Frequency discriminating circuit. 4,507,578, 3-26-85, Cl. 307-520.000.
Matsuda, Khoichi, to Pioneer Electronic Corporation. AFC Circuit for television tuner. 4,530,005, 7-16-85, Cl. 358-21.00R.
Matsuda, Kiyofumi; Eiju, Tomoaki; Enomoto, Yuji; and Yoshida, Yoshitaro, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Device for detection of center of rotation of rotating object. 4,529,310, 7-16-85, Cl. 356-349.000.
Matsuda, Kouichi; and Sato, Youichi, to Pioneer Electronic Corporation. Television bandwidth correcting system. 4,551,755, 11-5-85, Cl. 358-188.000.
Matsuda, Masakane: *See—*
  Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, 4,505,574, Cl. 355-14.00E.
  Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, 4,518,999, Cl. 358-285.000.
Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, to Mita Industrial Co., Ltd. Heat-sensitive black recording element. 4,500,897, 2-19-85, Cl. 346-209.000.
Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, to Mita Industrial Co., Ltd. Heat-sensitive black recording material. 4,502,067, 2-26-85, Cl. 346-214.000.
Matsuda, Minoru; and Mitsuishi, Toshiro, to Honda Giken Kogyo Kabushiki Kaisha. Arrangement for insertion of spark plugs in cylinder head. 4,534,322, 8-13-85, Cl. 123-55.00R.
Matsuda, Morio; and Horie, Masamitsu, to Kao Corporation. Process for preparation of Guerbet alcohols. 4,518,810, 5-21-85, Cl. 568-905.000.
Matsuda, Motonobu; and Ito, Masatoshi, to Minolta Camera Kabushiki Kaisha. Focus detection device and automatic focusing device for camera. 4,561,746, 12-31-85, Cl. 354-400.000.
Matsuda, Mutsuhide: *See—*
  Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, 4,496,227, Cl. 354-289.120.
  Ogawa, Masahiko; Tamura, Shuichi; Matsuda, Mutsuhide; and Kinoshita, Takao, 4,529,304, Cl. 356-1.000.
Matsuda, Naotoshi; Tetsuishi, Yoshinori; and Higuchi, Kazuaki, to Kabushiki Kaisha Toshiba. White luminescent phosphor for use in cathode ray tube. 4,512,912, 4-23-85, Cl. 252-301.60S.
Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, to Victor Company of Japan, Ltd. Coil assembly having stacked spiral pattern layers and method of making. 4,532,620, 7-30-85, Cl. 369-136.000.
Matsuda, Osamu: *See—*
  Mori, Yoshifumi; and Matsuda, Osamu, 4,503,539, Cl. 372-45.000.
Matsuda, Satoshi: *See—*
  Nakamura, Takeshi; Nishiyama, Hiroshi; Matsuda, Satoshi; and Matsumoto, Ikuo, 4,511,821, Cl. 310-354.000.
Matsuda, Shinpei: *See—*
  Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, 4,518,665, Cl. 429-153.000.
  Horiba, Tatsuo; Fujita, Kazunori; Matsuda, Shinpei; and Tamura, Kohki, 4,550,067, Cl. 429-213.000.
  Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.
  Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.
  Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shinpei, 4,537,873, Cl. 502-242.000.
  Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.
Matsuda, Shoji: *See—*
  Nakagawa, Yoshinori; Yoneda, Tsutomu; and Matsuda, Shoji, 4,526,570, Cl. 604-20.000.
Matsuda, Shunsuke; Mitani, Katsuaki; Yoda, Hironori; and Nishizawa, Kesaji, to Matsushita Electric Industrial Co., Ltd.; and Nissei Plastic Industrial Co., Ltd. Apparatus for injection compression molding. 4,519,763, 5-28-85, Cl. 425-192.00R.
Matsuda, Shunsuke: *See—*
  Ito, Akio; Matsuda, Shunsuke; Murakami, Yoshinobu; and Tamura, Tooru, 4,536,267, Cl. 204-159.230.
Matsuda, Susumu, to Tokyo Shibaura Denki Kabushiki Kaisha. Arithmetic processing device using sampled input data and several previous output data. 4,561,065, 12-24-85, Cl. 364-724.000.
Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, to Fujitsu Limited. Ink jet printing head. 4,528,575, 7-9-85, Cl. 346-140.00R.
Matsuda, Tadashi: *See—*
  Mizuno, Tsuneo; Yoshikawa, Shigeru; and Matsuda, Tadashi, 4,491,851, Cl. 346-1.100.
Matsuda, Takao: *See—*
  Shingo, Yoshioki; Matsuda, Takao; Yoshino, Akira; Sunazuka, Hideo; Hasegawa, Masatake; and Kobayashi, Hirotada, 4,549,041, Cl. 174-113.00R.
Matsuda, Takashi, to Takara Co., Ltd. Self-propelled reconfigurable running toy. 4,543,073, 9-24-85, Cl. 446-230.000.
Matsuda, Tamotsu, to Honda Giken Kogyo Kabushiki Kaisha. Air temperature regulating apparatus for vehicles. 4,534,507, 8-13-85, Cl. 237-12.30A.
Matsuda, Teruo; and Kawaguchi, Kizo, to Osaka Seiki Kabushiki Kaisha. Machine for superfinishing annular workpieces. 4,534,133, 8-13-85, Cl. 51-58.000.
Matsuda, Toshiharu; Imamura, Minoru; and Saho, Norihide, to Hitachi, Ltd. Cryostat with refrigerating machine. 4,510,771, 4-16-85, Cl. 62-514.00R.
Matsuda, Toshihiko; Takashi, Morihiko; and Yoshida, Mistuo, to Hitachi, Ltd. Control apparatus for rotation type storage device. 4,507,693, 3-26-85, Cl. 360-72.200.
Matsuda, Toshikazu: *See—*
  Jinda, Takuma; Matsuda, Toshikazu; and Sakamoto, Masanori, 4,530,993, Cl. 528-353.000.
Matsuda, Toshiro, to Nissan Motor Company, Limited. Anti-skid brake control system with fail-safe arrangement. 4,499,543, 2-12-85, Cl. 364-426.000.
Matsuda, Toshiro, to Nissan Motor Company, Limited. Operation mode monitor for microcomputer. 4,531,198, 7-23-85, Cl. 364-900.000.
Matsuda, Tsutomu: *See—*
  Watanabe, Nobuyoshi; and Matsuda, Tsutomu, 4,497,887, Cl. 430-138.000.
Matsuda, Waka; and Kagawa, Tatsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Spray devices for nuclear reactor cores. 4,557,890, 12-10-85, Cl. 376-282.000.
Matsuda, Yasuhiko, to Kabushiki Kaisha Sato. Temperature control system. 4,502,056, 2-26-85, Cl. 346-76.0PH.
Matsuda, Yasuhiko: *See—*
  Sato, Yo; Kashiwaba, Tadao; Matsuda, Yasuhiko; and Oikawa, Tadahisa, 4,505,773, Cl. 156-384.000.
  Sato, Yo; Kashiwaba, Tadao; Sakurai, Masaru; Matsuda, Yasuhiko; and Kondo, Koichi, 4,560,087, Cl. 221-73.000.
Matsuda, Yasuhiro: *See—*
  Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, 4,560,405, Cl. 75-12.000.
Matsuda, Yasuo: *See—*
  Honbu, Mitsuyuki; Matsuda, Yasuo; Suzuki, Katsunori; and Kajita, Yoshiki, 4,549,258, Cl. 363-71.000.
  Ueda, Shigeta; Hombu, Mitsuyuki; and Matsuda, Yasuo, 4,549,259, Cl. 363-137.000.

Matsuda, Yoshiaki; Oohashi, Yoshimitsu; Sanpei, Keiichi; and Nagamine, Yoshifumi, to Kubota, Ltd. Device for automatically adjusting tension of endless running member in wrapping connector driving. 4,543,079, 9-24-85, Cl. 474-111.000.

Matsuda, Yoshihiko: *See—*

Naganawa, Tadahisa; and Matsuda, Yoshihiko, 4,559,915, Cl. 123-406.000.

Matsuda, Yoshihiro; Kimishima, Hiroshi; and Kado, Yoshikazu, to Nippon Electric Co., Ltd. Stamp detection in a mail processing apparatus. 4,520,932, 6-4-85, Cl. 209-545.000.

Matsuda, Yoshio, to Yoshida Kogyo K.K. Warp-knit stringer tape for slide fasteners. 4,498,316, 2-12-85, Cl. 66-196.000.

Matsuda, Yoshio, to Yoshida Kogyo K.K. Knitted support tape of slide fastener. 4,502,302, 3-5-85, Cl. 66-193.000.

Matsuda, Yoshio: *See—*

Yoshida, Hiroshi; Akashi, Shunji; and Matsuda, Yoshio, 4,490,890, Cl. 24-434.000.

Yoshida, Hiroshi; Matsuda, Yoshio; and Komeya, Akira, 4,510,656, Cl. 24-390.000.

Yoshida, Hiroshi; Matsuda, Yoshio; and Akashi, Shunji, 4,543,805, Cl. 66-148.000.

Matsuda, Yuji: *See—*

Nakabu, Shigeo; Matsuda, Yuji; Yoshida, Hirokazu; Iwasaki, Masaru; Nukii, Takashi; and Awane, Katunobu, 4,544,989, Cl. 361-401.000.

Matsuda, Yukio; Tachibana, Kenzo; and Ueno, Tsutomu, to Sumitomo Metal Industries, Ltd. Method and apparatus for controlling width and thickness of strip. 4,555,921, 12-3-85, Cl. 72-224.000.

Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, to Kyowa Hakko Kogyo Co., Ltd. Physiologically active substance K-252, process for producing same and pharmaceutical composition containing same. 4,555,402, 11-26-85, Cl. 424-122.000.

Matsueda, Rei; Yabe, Yuichiro; Yamazaki, Mitsuo; Kokubu, Tatsuo; and Hiwada, Kunio, to Sankyo Company Limited. Hypotensive peptides and their use. 4,548,926, 10-22-85, Cl. 514-19.000.

Matsufuji, Teruo, to Iwasaki Tsushinki Kabushiki Kaisha. Howler tone sending-out system in time-division electronic exchanges. 4,502,139, 2-26-85, Cl. 370-110.200.

Matsufuji, Yohji; Togano, Shigeo; and Ichihashi, Hiroo, to Canon Kabushiki Kaisha. Ink jet recording apparatus. 4,499,478, 2-12-85, Cl. 346-140.00R.

Matsufuji, Yohji, to Canon Kabushiki Kaisha. Image forming device. 4,521,785, 6-4-85, Cl. 346-25.000.

Matsufuji, Yohji: *See—*

Toganoh, Shigeo; Matsufuji, Yohji; and Ichihashi, Hiroo, 4,559,543, Cl. 346-140.00R.

Matsuguchi, Michiharu: *See—*

Hiyoshi, Kazuhiko; Matsuura, Norio; Matsuguchi, Michiharu; Onofusa, Norio; and Nishikage, Tadao, 4,535,120, Cl. 524-560.000.

Matsuhashi, Hajime: *See—*

Kato, Hidetoshi; Sada, Takeshi; Mayumi, Nobuo; and Matsuhashi, Hajime, 4,525,662, Cl. 322-28.000.

Kato, Hidetoshi; Maruyama, Toshinori; Matsuhashi, Hajime; and Akita, Yoshio, 4,555,657, Cl. 320-64.000.

Matsuhiro, Keiji; and Matsui, Minoru, to NGK Insulators, Ltd. Silicon nitride sintered bodies and a method for producing the same. 4,535,063, 8-13-85, Cl. 501-97.000.

Matsuhiro, Keiji; and Matsui, Minoru, to NGK Insulators, Ltd. Silicon nitride sintered bodies and a method for producing the same. 4,558,018, 12-10-85, Cl. 501-97.000.

Matsuhiro, Keiji; and Matsui, Minoru, to NGK Insulators, Ltd. Silicon nitride sintered bodies of Si_3N_4, Y_2O_3, MgO and ZrO_2. 4,560,669, 12-24-85, Cl. 501-97.000.

Matsuhisa, Hiroaki: *See—*

Ohyabu, Takashi; Kamishima, Minoru; Kinoshita, Shozo; Kawamura, Tetsuo; and Matsuhisa, Hiroaki, 4,504,704, Cl. 179-115.5DV.

Matsuhisa, Noboru: *See—*

Miyazaki, Tomohiro; Tanaka, Hitoshi; Matsumoto, Goro; Matsuhisa, Noboru; and Omatoi, Susumu, 4,544,605, Cl. 428-404.000.

Matsuhisa, Seikichi: *See—*

Yasuhara, Yutaka; Nishino, Masaki; and Matsuhisa, Seikichi, 4,508,918, Cl. 560-241.000.

Matsuhisa, Tadaaki, to NGK Insulators, Ltd. Method for reinforcing a ceramic shaped body. 4,539,224, 9-3-85, Cl. 427-190.000.

Matsuhisa, Tsuneyasu: *See—*

Mori, Teruo; Shirai, Hiroshi; Kakei, Tsutomu; Matsuhisa, Tsuneyasu; and Watanabe, Masaru, 4,502,933, Cl. 204-206.000.

Matsui, Fujio: *See—*

Ohgami, Masaaki; and Matsui, Fujio, 4,503,828, Cl. 123-489.000.

Matsui, Fumio; and Sashida, Mitsuaki, to Pioneer Electronic Corporation. System for developing a photo-resist material used as a recording medium. 4,501,480, 2-26-85, Cl. 354-298.000.

Matsui, Fumio; Aono, Shin; Sakai, Hiroshi; Hattori, Katsuhide; and Kakino, Shigeru, to Nippon Oil and Fats Co., Ltd. Method of producing a water-in-oil emulsion explosive. 4,511,414, 4-16-85, Cl. 149-109.600.

Matsui, Hideaki: *See—*

Okawa, Susumu; Matsui, Hideaki; Jufuku, Yasunobu; and Kato, Toshimi, 4,525,160, Cl. 474-242.000.

Matsui, Hiromasa: *See—*

Yagitani, Takayuki; Matsui, Hiromasa; Ito, Akira; and Ueno, Toshishige, 4,548,745, Cl. 252-567.000.

Matsui, Hiroshi: *See—*

Miwa, Kiyoshi; Terabe, Mahito; Ishida, Masaaki; Matsui, Hiroshi; and Momose, Haruo, 4,560,654, Cl. 435-115.000.

Nakahara, Kichio; Matsui, Hiroshi; and Yoshiyama, Harumichi, 4,532,896, Cl. 123-193.00H.

Matsui, Hiroyuki: *See—*

Morikawa, Yoshitaka; and Matsui, Hiroyuki, 4,558,473, Cl. 4-420.200.

Matsui, Hisakazu: *See—*

Fujii, Hiromasa; and Matsui, Hisakazu, 4,491,556, Cl. 264-243.000.

Matsui, Hisashi: *See—*

Kataoka, Takeshi; Aoki, Ryoichi; Matsui, Hisashi; and Matsumoto, Hiroshi, 4,515,024, Cl. 74-10.330.

Matsui, Isamu; and Mima, Hiroshi, to Murata Kikai Kabushiki Kaisha. Spliced joint of spun yarns. 4,537,019, 8-27-85, Cl. 57-202.000.

Matsui, Isamu; and Deno, Koji, to Murata Kikai Kabushiki Kaisha. Method of and apparatus for splicing spun yarns. 4,538,407, 9-3-85, Cl. 57-22.000.

Matsui, Isamu; Yamamoto, Yoshio; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimamoto, Akira, to Murata Kikai Kabushiki Kaisha. Cop delivery system. 4,544,107, 10-1-85, Cl. 242-35.50A.

Matsui, Isamu; and Ueda, Yutaka, to Murata Kikai Kabushiki Kaisha. Defective package selector for winders. 4,553,708, 11-19-85, Cl. 242-36.000.

Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, to UBE Industries, Ltd. Process for producing an acetal. 4,501,705, 2-26-85, Cl. 260-465.600.

Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, to UBE Industries, Ltd. Process for producing an acetal. 4,504,421, 3-12-85, Cl. 260-465.600.

Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, to UBE Industries, Ltd. Process for producing an acetal. 4,504,422, 3-12-85, Cl. 260-465.600.

Matsui, Katsumasa: *See—*

Kuraoka, Hiroaki; Mizuno, Toshinori; Matsui, Katsumasa; and Ohba, Masahiro, 4,553,427, Cl. 73-117.300.

Matsui, Katsuo: *See—*

Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.

Matsui, Kazuhiko: *See—*

Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.

Matsui, Kazuhiro, to Kitagawa Industries Co., Ltd. Spacer for wiring boards and assembled structure thereof. 4,495,548, 1-22-85, Cl. 361-413.000.

Matsui, Kazuhiro, to Kitagawa Industries Co., Ltd. Clamp fixing device. 4,513,172, 4-23-85, Cl. 174-65.0SS.

Matsui, Kazuhiro, to Kitagawa Industries Co., Ltd. Cable clamp. 4,561,153, 12-31-85, Cl. 24-16.0PB.

Matsui, Kazuma: *See—*

Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.

Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.

Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.

Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,493,620, Cl. 417-366.000.

Takei, Toshihiro; Goshima, Takahiro; Hattori, Yoshiyuki; and Matsui, Kazuma, 4,494,943, Cl. 474-28.000.

Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,492,515, Cl. 415-53.00T.

Matsui, Kazumasa: *See—*

Kagawa, Hiroshi; and Matsui, Kazumasa, 4,510,217, Cl. 429-104.000.

Matsui, Kenji: *See—*

Takahashi, Akira; Matsui, Kenji; and Suzuki, Hajime, 4,559,461, Cl. 310-49.00R.

Matsui, Kiyohide: *See—*

Kondo, Kiyoshi; and Matsui, Kiyohide, 4,500,733, Cl. 562-506.000.

Matsui, Koichi: *See—*

Kambara, Koji; Misawa, Kazuo; Honda, Mikio; Matsui, Koichi; and Kohri, Kitijiro, 4,507,115, Cl. 604-135.000.

Matsui, Makoto: *See—*

Kato, Yoshinori; Matsui, Makoto; and Nonaka, Zenichiro, 4,509,638, Cl. 198-486.000.

Matsui, Masaaki: *See—*

Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.

Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.

Matsui, Masanao; Chun-Eng, Liau; Kogami, Kunio; Yano, Toshihiko; and Matsuo, Noritada, to Sumitomo Chemical Company, Limited. Cyclopropanecarboxylates, their production and insecticide containing them as an active ingredient. 4,496,586, 1-29-85, Cl. 514-531.000.

Matsui, Masao; Okamoto, Kazuo; and Naruse, Tutomu, to Kanebo, Ltd.; and Kanebo Synthetic Fibers, Ltd. Pile articles with attenuated

- upper portion and a method for producing the same. 4,525,404, 6-25-85, Cl. 428-92.000.
- Matsui, Minoru; and Saijyo, Yoshihiro, to Nippon Acchakutanshi Seizo Kabushiki Kaisha. Apparatus for making electrical harnesses. 4,495,682, 1-29-85, Cl. 29-33.00M.
- Matsui, Minoru; and Tsuno, Nobuo, to NGK Insulators, Ltd. Engine part. 4,538,562, 9-3-85, Cl. 123-90.510.
- Matsui, Minoru; and Takahashi, Tomonori, to NGK Insulators, Ltd. Method for producing spinel fine powders. 4,542,112, 9-17-85, Cl. 501-120.000.
- Matsui, Minoru; and Takahashi, Tomonori, to NGK Insulators, Ltd. Polycrystalline transparent spinel sintered body and method of producing the same. 4,543,346, 9-24-85, Cl. 501-120.000.
- Matsui, Minoru: *See*—
  - Matsuhiro, Keiji; and Matsui, Minoru, 4,535,063, Cl. 501-97.000.
  - Matsuhiro, Keiji; and Matsui, Minoru, 4,558,018, Cl. 501-97.000.
  - Matsuhiro, Keiji; and Matsui, Minoru, 4,560,669, Cl. 501-97.000.
  - Soma, Takao; and Matsui, Minoru, 4,559,824, Cl. 73-432.00R.
- Matsui, Mitsuo; and Matsumura, Teruyuki, to Fanuc Ltd. Method of controlling electric discharge machine. 4,514,611, 4-30-85, Cl. 219-69.00M.
- Matsui, Mitsuo; and Matsumura, Teruyuki, to Fanuc Ltd. Method and apparatus for controlling electric discharge machine. 4,538,098, 8-27-85, Cl. 318-567.000.
- Matsui, Noboru: *See*—
  - Sakai, Katsuhide; and Matsui, Noboru, 4,548,860, Cl. 428-290.000.
- Matsui, Seiji: *See*—
  - Nakayama, Michio; Tajima, Osamu; Matsui, Seiji; Yoshikoshi, Hideyuki; and Fukuyo, Hiroshi, 4,515,351, Cl. 266-177.000.
- Matsui, Shigekazu: *See*—
  - Nagarekawa, Osamu; and Matsui, Shigekazu, 4,530,891, Cl. 430-5.000.
- Matsui, Shigeki: *See*—
  - Kadota, Toshimi; Suzuki, Jugoro; and Matsui, Shigeki, 4,523,484, Cl. 73-864.120.
- Matsui, Shigeo: *See*—
  - Sakuraya, Toshikazu; Fujii, Tetsuya; Matsui, Shigeo; and Hayashi, Shigeki, 4,539,020, Cl. 55-26.000.
- Matsui, Shigetomo; Atsuta, Toshio; and Toma, Shouji, to Kawasaki Jukogyo Kabushiki Kaisha. Method of producing a multiple-wall pipe structure with anticorrosion end protection. 4,542,846, 9-24-85, Cl. 228-112.000.
- Matsui, Shigetomo: *See*—
  - Yoshida, Toshio; Itoga, Kouyu; Matsui, Shigetomo; and Atsuta, Toshio, 4,509,776, Cl. 285-55.000.
- Matsui Shikiso Chemical Co., Ltd.: *See*—
  - Keino, Goro; Kitagawa, Yosuke; and Hayashi, Yoshimi, 4,515,849, Cl. 428-201.000.
  - Shimizu, Goro; and Kitagawa, Yosuke, 4,560,604, Cl. 428-87.000.
- Matsui, Shinichi, to Nissan Motor Company, Limited. Method and apparatus for controlling the sound field in a vehicle cabin or the like. 4,506,380, 3-19-85, Cl. 381-71.000.
- Matsui, Shinichi: *See*—
  - Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,531,484, Cl. 123-192.00R.
  - Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,537,275, Cl. 180-300.000.
- Matsui, Shougo; Mashima, Yoshimitu; and Kobayashi, Kenichi, to Fujitsu Limited. Method and apparatus for inspecting a pattern. 4,527,070, 7-2-85, Cl. 250-560.000.
- Matsui, Tadao: *See*—
  - Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, 4,541,371, Cl. 123-65.0PE.
- Matsui, Takahiro, to Kabushiki Kaisha Morita Seisakusho. Rotation control device for dental handpiece. 4,494,933, 1-22-85, Cl. 433-98.000.
- Matsui, Takahiro: *See*—
  - Tamura, Jun; Matsui, Takahiro; and Hozumi, Kazuo, 4,501,557, Cl. 433-79.000.
- Matsui, Takashi: *See*—
  - Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.
- Matsui, Takeaki: *See*—
  - Kamata, Susumu; Matsui, Takeaki; and Haga, Nobuhiro, 4,502,989, Cl. 260-239.570.
- Matsui, Takeki: *See*—
  - Kuboyama, Keiji; Matsui, Takeki; and Kimura, Takeo, 4,539,178, Cl. 420-555.000.
- Matsui, Takeshi: *See*—
  - Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, 4,498,331, Cl. 73-35.000.
- Matsui, Takeski; Ohyama, Hideo; Tachi, Ryosuke; Ito, Teruyoshi; and Kawai, Motoshi, to Nippondenso Co., Ltd. Optimizing spark timing control apparatus and method. 4,519,038, 5-21-85, Cl. 364-431.030.
- Matsui, Toshikazu: *See*—
  - Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.
- Matsui, Toshio; Doi, Yasuhiro; Kinoshita, Keichi; and Ishiguro, Kuniaki, to Minolta Camera Kabushiki Kaisha. Sorter. 4,548,403, 10-22-85, Cl. 271-296.000.
- Matsui, Toshiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Crystal growing apparatus. 4,512,954, 4-23-85, Cl. 422-106.000.
- Matsui, Yoshiya: *See*—
  - Mochizuki, Noritaka; Minami, Setsuo; and Matsui, Yoshiya, 4,512,641, Cl. 350-573.000.
- Matsukata, Kosuke. High speed underground transportation system. 4,512,258, 4-23-85, Cl. 104-138.00R.
- Matsukawa, Fumio: *See*—
  - Shimizu, Osamu; Goto, Hirofumi; and Matsukawa, Fumio, 4,556,876, Cl. 340-713.000.
- Matsukawa, Hiroharu: *See*—
  - Igarashi, Akira; and Matsukawa, Hiroharu, 4,539,578, Cl. 346-207.000.
- Matsuki, Akihiro: *See*—
  - Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, 4,508,841, Cl. 502-73.000.
- Matsuki, Kensei: *See*—
  - Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, 4,528,045, Cl. 148-35.000.
- Matsuki, Mitsuo, to Fuji Jukogyo Kabushiki Kaisha. System for controlling the supercharging pressure of a turbocharged internal combustion engine. 4,548,038, 10-22-85, Cl. 60-602.000.
- Matsuki, Seiichiro: *See*—
  - Kamimura, Testuro; and Matsuki, Seiichiro, 4,492,998, Cl. 360-132.000.
- Matsuki, Tomiji: *See*—
  - Komatsu, Hideo; Harada, Hiroyuki; and Matsuki, Tomiji, 4,555,542, Cl. 524-178.000.
- Matsukura, Masayuki; and Fukumura, Yukio, to Nippon Electric Co., Ltd. Frequency modulation transmitter. 4,501,019, 2-19-85, Cl. 455-112.000.
- Matsukura, Yoshihiro: *See*—
  - Ohya, Masaki; Matsukura, Yoshihiro; and Anzai, Mitsuru, 4,525,414, Cl. 428-213.000.
- Matsumaru, Akihiko, to Nippon Mektron Ltd. Keyboard switch. 4,503,294, 3-5-85, Cl. 200-5.00A.
- Matsumaru, Hiroshi: *See*—
  - Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, 4,510,492, Cl. 340-825.050.
- Matsumi, Koichi: *See*—
  - Hibiya, Taketoshi; Ohta, Yoshinori; and Matsumi, Koichi, 4,522,473, Cl. 350-377.000.
- Matsumiya, Saburo; Uehara, Katsuya; Saito, Keiji; Michiki, Hideyuki; and Yaginuma, Kenichi, to Toyo Engineering Corporation. Process for the preparation of pellets. 4,549,904, 10-29-85, Cl. 75-7.000.
- Matsumiya, Toshiharu: *See*—
  - Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, 4,495,312, Cl. 523-105.000.
- Matsumo, Yoshio: *See*—
  - Niinomi, Tatsuya; and Matsumo, Yoshio, 4,541,770, Cl. 414-730.000.
- Matsumoto, Akio, to Mitsubishi Denki Kabushiki Kaisha. Pulley device. 4,496,336, 1-29-85, Cl. 474-181.000.
- Matsumoto, Akio; and Yokota, Mitsuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Delayed turn-off control for vehicle pumping device. 4,518,903, 5-21-85, Cl. 318-481.000.
- Matsumoto, Akio; and Yokota, Mitsuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Diaphragm apparatus having a magnetically imparted hysteresis characteristic. 4,521,651, 6-4-85, Cl. 200-83.00R.
- Matsumoto, Akio; and Yokota, Mitsuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Control for pumping devices used in vehicles. 4,524,312, 6-18-85, Cl. 318-481.000.
- Matsumoto, Akio; and Yokota, Mitsuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Pressure responsive pump control system having an alarm lamp. 4,525,125, 6-25-85, Cl. 417-44.000.
- Matsumoto, Akio; and Yamada, Takao, to Matsushita Electric Industrial Co., Ltd. Timer apparatus. 4,525,609, 6-25-85, Cl. 200-38.00R.
- Matsumoto, Akio; and Yamada, Takao, to Matsushita Electric Works, Ltd. Timepiece operated by solar cells. 4,553,851, 11-19-85, Cl. 368-205.000.
- Matsumoto, Akio: *See*—
  - Iwaki, Yoshiyuki; Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,496,898, Cl. 322-34.000.
  - Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000
  - Morishita, Mitsuharu; Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,539,515, Cl. 320-17.000.
  - Seki, Kimiaki; and Matsumoto, Akio, 4,518,333, Cl. 418-152.000.
  - Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,510,425, Cl. 318-484.000.
  - Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,524,311, Cl. 318-481.000.
- Matsumoto, Akiyoshi: *See*—
  - Nakahara, Chizuko; Tanaka, Shigenori; Tamura, Hiroshi; and Matsumoto, Akiyoshi, 4,495,294, Cl. 436-502.000.
- Matsumoto, Dairiku: *See*—
  - Kawai, Seiji; and Matsumoto, Dairiku, 4,511,305, Cl. 414-755.000.
- Matsumoto, Eiichi: *See*—
  - Kikuchi, Yasuyuki; Matsumoto, Eiichi; and Tanaka, Yoshimasa, 4,550,695, Cl. 123-41.120.
- Matsumoto, Fumio. Image receiving transparent base film. 4,559,256, 12-17-85, Cl. 428-141.000.
- Matsumoto, Fumio: *See*—
  - Ishihara, Keiichi; and Matsumoto, Fumio, 4,503,794, Cl. 112-313.000.

Matsumoto, Goro: *See—*

Miyazaki, Tomohiro; Tanaka, Hitoshi; Matsumoto, Goro; Matsuhisa, Noboru; and Omatoi, Susumu, 4,544,605, Cl. 428-404.000.

Matsumoto, Hajime; and Abe, Yoichi, to Toybox Corporation. Mechanical pendant. 4,512,748, 4-23-85, Cl. 446-354.000.

Matsumoto, Haruyuki, to Canon Kabushiki Kaisha. Liquid jet recording apparatus. 4,536,777, 8-20-85, Cl. 346-140.0PD.

Matsumoto, Haruyuki: *See—*

Watanabe, Takashi; Ozawa, Masakazu; Koizumi, Yutaka; and Matsumoto, Haruyuki, 4,539,569, Cl. 346-140.00R.

Matsumoto, Hidekazu: *See—*

Bandoh, Tadaaki; Matsumoto, Hidekazu; Fukunaga, Yasushi; Hiraoka, Ryosei; Ide, Jushi; and Kawakami, Tetsuya, 4,520,441, Cl. 364-200.000.

Fukunaga, Yasushi; Bandoh, Tadaaki; Hiraoka, Ryosei; Matsumoto, Hidekazu; Ide, Jushi; and Kawakami, Tetsuya, 4,523,272, Cl. 364-200.000.

Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.

Maejima, Hideo; Masuda, Ikuro; Matsumoto, Hidekazu; and Miyazawa, Shyoichi, 4,523,276, Cl. 364-200.000.

Matsumoto, Hideo. Citrus fruit squeezer. 4,530,277, 7-23-85, Cl. 99-506.000.

Matsumoto, Hideo: *See—*

Asada, Takafumi; Onishi, Toshio; Senma, Kajuyoshi; and Matsumoto, Hideo, 4,557,610, Cl. 384-107.000.

Matsumoto, Hirofumi, to Nippon Mektron Ltd. Interconnected printed circuit boards and method of connecting circuit boards. 4,550,357, 10-29-85, Cl. 361-398.000.

Matsumoto, Hiroshi; Nawata, Yoshiaki; and Toda, Tsuneo, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorting device for use with a document reproduction machine. 4,502,776, 3-5-85, Cl. 355-14.0SH.

Matsumoto, Hiroshi; and Nawata, Yoshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorter. 4,512,565, 4-23-85, Cl. 271-294.000.

Matsumoto, Hiroshi; and Watanabe, Junji, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus. 4,522,483, 6-11-85, Cl. 355-3.00R.

Matsumoto, Hiroshi; Ishikawa, Yuji; and Nakamine, Chosin, to Tokyo Shibaura Denki Kabushiki Kaisha. Display device for a copying machine. 4,559,519, 12-17-85, Cl. 340-286.00M.

Matsumoto, Hiroshi: *See—*

Kataoka, Takeshi; Aoki, Ryoichi; Matsui, Hisashi; and Matsumoto, Hiroshi, 4,515,024, Cl. 74-10.330.

Kita, Nobuyuki; Matsumoto, Hiroshi; and Hagiwara, Hitoshi, 4,500,625, Cl. 430-149.000.

Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,540,824, Cl. 568-45.000.

Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,545,812, Cl. 71-103.000.

Nakayama, Koji; Yoshida, Ryo; and Matsumoto, Hiroshi, 4,508,562, Cl. 71-94.000.

Sanbayashi, Takeshi; and Matsumoto, Hiroshi, 4,551,813, Cl. 364-569.000.

Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, 4,528,918, Cl. 110-347.000.

Matsumoto, Hiroyuki, to Tsukasa Kasei Kogyo Kabushiki Kaisha. Polypropylene strap and method of manufacturing the same. 4,503,007, 3-5-85, Cl. 264-210.700.

Matsumoto, Hiroyuki; and Kato, Toshio, to Sony Corporation. Solid state image sensor with over-flow control. 4,504,848, 3-12-85, Cl. 357-24.000.

Matsumoto, Hisayoshi; and Fukuzawa, Takahiko, to Citizen Watch Co., Ltd. Printing timing correction device in shuttle type dot line printer. 4,507,002, 3-26-85, Cl. 400-322.000.

Matsumoto, Ikuo, to Victor Company of Japan, Ltd. Magnetic recording media comprising titanium monoxide and carbon black powders in a magnetic recording layer. 4,515,856, 5-7-85, Cl. 428-323.000.

Matsumoto, Ikuo: *See—*

Nakamura, Takeshi; Nishiyama, Hiroshi; Matsuda, Satoshi; and Matsumoto, Ikuo, 4,511,821, Cl. 310-354.000.

Nakamura, Takeshi; Matsumoto, Ikuo; and Ando, Kenji, 4,562,372, Cl. 310-321.000.

Matsumoto, Itsuro: *See—*

Suzuki, Takeo; Matsumoto, Itsuro; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,503,722, Cl. 74-96.000.

Matsumoto, Jun-ichi; and Nakamura, Shinichi, to Dainippon Pharmaceutical Co., Ltd.; and Laboratoire Roger Bellon. Naphthyridine derivatives. 4,496,566, 1-29-85, Cl. 514-254.000.

Matsumoto, Jun-ichi; Nishimura, Yoshiro; and Nakamura, Shinichi, to Dainippon Pharmaceutical Co., Ltd.; and Laboratoire Roger Bellon. 7-(4-pyridyl)-1,8-naphthyridine derivatives and their antibacterial compositions. 4,497,816, 2-5-85, Cl. 514-300.000.

Matsumoto, Katsuo: *See—*

Yamamoto, Katsuhiro; Matsumoto, Katsuo; and Okada, Yoshiyuki, 4,515,162, Cl. 128-640.000.

Matsumoto, Katsutoshi, to Dainippon Screen Seizo Kabushiki Kaisha. Pinhole removal device in printing. 4,522,123, 6-11-85, Cl. 101-349.000.

Matsumoto, Kazumasa: *See—*

Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, 4,537,824, Cl. 428-323.000.

Asano, Masao; Sunaga, Tetsuro; Murata, Hideki; and Matsumoto, Kazumasa, 4,546,044, Cl. 428-413.000

Matsumoto, Kazumi: *See—*

Hamano, Nobuo; and Matsumoto, Kazumi, 4,561,723, Cl. 350-331.00R.

Matsumoto, Kazuo; Takabe, Seiichi; and Takashima, Kohki, to Tanabe Seiyaku Co., Ltd. Alkyloxazolylacetic acid derivative for the treatment of hyperlipidemia. 4,535,089, 8-13-85, Cl. 514-374.000.

Matsumoto, Kazuya; and Endo, Kiyonobu, to Canon Kabushiki Kaisha. Magnetooptic reproducing device. 4,561,032, 12-24-85, Cl. 360-114.000.

Matsumoto, Kazuya: *See—*

Kawamura, Naoto; and Matsumoto, Kazuya, 4,553,036, Cl. 250-578.000.

Matsumoto, Keigo: *See—*

Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, 4,562,193, Cl. 514-358.000.

Matsumoto, Keiichi: *See—*

Hirano, Hiroyuki; and Matsumoto, Keiichi, 4,544,872, Cl. 318-632.000.

Matsumoto, Ken; and Ward, John S., to Eli Lilly and Company. Terphenyl derivatives and pharmaceutical uses thereof. 4,495,202, 1-22-85, Cl. 514-721.000.

Matsumoto, Ken, to Eli Lilly and Company. 2,4,5-triaryl pyrimidines and a method of treating pain, fever, thrombosis, inflammation and arthritis. 4,500,533, 2-19-85, Cl. 514-256.000.

Matsumoto, Ken; and Ward, John S., to Eli Lilly and Company. 6-phenyl-2,3-bis-(4-methoxyphenyl)-pyridine derivatives having anti-inflammatory activity. 4,533,666, 8-6-85, Cl. 514-277.000.

Matsumoto, Kenji; Kawashima, Kazuharu; and Hayashi, Jun, to Fuji Photo Film Co., Ltd. Method of modifying surface of colored microfilter element. 4,503,134, 3-5-85, Cl. 430-7.000.

Matsumoto, Kenji; Yamamoto, Shoichi; and Hayashi, Jun, to Fuji Photo Film Co., Ltd. Solid-state color imaging device and the preparation of same. 4,547,798, 10-15-85, Cl. 358-44.000.

Matsumoto, Kenji; and Suzuki, Yasuo, to Bridgestone Tire Company Limited. Pneumatic tires having a high resistance to cut growth. 4,553,579, 11-19-85, Cl. 152-450.000.

Matsumoto, Kenzo: *See—*

Saito, Toshio; Matsumoto, Kenzo; and Soji, Kazuo, 4,549,260, Cl. 364-143.000.

Matsumoto, Koji: *See—*

Sakai, Takayoshi; Sano, Shinji; and Matsumoto, Koji, 4,528,633, Cl. 364-474.000.

Matsumoto, Kouichi: *See—*

Hamano, Isao; Yabunaka, Kiyoshi; Akae, Yoshifumi; Tanaka, Toshinori; Gotou, Takeo; and Matsumoto, Kouichi, 4,543,923, Cl. 123-179.00F.

Morishita, Akira; Tanaka, Toshinori; Matsumoto, Kouichi; and Gotou, Takeo, 4,495,905, Cl. 123-179.00F.

Matsumoto, Kozo, to Kyoritsu Gokin Mfg. Co., Ltd. Air mist nozzle apparatus. 4,511,087, 4-16-85, Cl. 239-433.000.

Matsumoto, Masaaki: *See—*

Uyeda, Takashi; and Matsumoto, Masaaki, 4,521,731, Cl. 324-174.000.

Matsumoto, Masakatsu; and Watanabe, Nobuko, to Sagami Chemical Research Center. Process for preparing 4-oxo-4,5,6,7-tetrahydrobenzofuran. 4,558,143, 12-10-85, Cl. 549-471.000.

Matsumoto, Masakazu: *See—*

Kaneko, Kenkichi; Hattori, Takeshi; Hakamata, Kensaku; Hayashi, Satoru; Goshima, Takayuki; and Matsumoto, Masakazu, 4,550,638, Cl. 84-431.000.

Matsumoto, Masaki: *See—*

Nakayama, Tadakazu; Tsuruoka, Ryozo; and Matsumoto, Masaki, 4,495,142, Cl. 376-251.000.

Matsumoto, Masanori: *See—*

Moriguchi, Hiroyuki; Matsumoto, Masanori; Nishiwaki, Akira; Morohoshi, Yasuo; and Nomori, Hiroyuki, 4,551,303, Cl. 420-590.000.

Matsumoto, Masao; and Imai, Shigeru, to Yoshida Kogyo K.K. Apparatus and a method for forming space sections in a slide fastener chain having coupling elements in the form of continuous coil. 4,510,662, 4-16-85, Cl. 29-408.000.

Matsumoto, Michio; and Kitagawa, Kunio, to NEC Corporation. Piezoelectrically driven printing mechanism for dot matrix printers. 4,547,086, 10-15-85, Cl. 400-124.000.

Matsumoto, Michito: *See—*

Kakii, Toshiaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi; and Matsumoto, Michito, 4,526,732, Cl. 264-2.700.

Matsumoto, Mitsuo; Yoshimura, Noriaki; and Tamura, Masuhiko, to Kuraray Co., Ltd. Process for producing 1,9-nonanedial. 4,510,332, 4-9-85, Cl. 568-454.000.

Matsumoto, Mitsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic field measuring device. 4,539,521, 9-3-85, Cl. 324-244.000.

Matsumoto, Mitsuo; Hirai, Koji; Yoshimura, Noriaki; and Okamura, Takayuki, to Kuraray Co., Ltd. Process for production of polyurethane. 4,551,518, 11-5-85, Cl. 528-80.000.

Matsumoto, Mitsuo: *See—*

Kitamura, Takanori; Matsumoto, Mitsuo; and Tamura, Masuhiko, 4,500,727, Cl. 560-179.000.

Matsumoto, Motoki: *See—*

Nakamura, Kazuharu; Matsumoto, Motoki; Niha, Osamu; and Suzuki, Yoshio, 4,528,974, Cl. 126-202.000.

Nakamura, Kazuharu; Matsumoto, Motoki; and Yoshino, Tooru, 4,543,057, Cl. 431-208.000.

- Nakamura, Kazuharu; and Matsumoto, Motoki. 4,544,349. Cl. 431-258.000.
- Nakamura, Kazuharu; Matsumoto, Motoki; Yoshino, Tooru; and Tsuboi, Yoshimasa. 4,545,758. Cl. 431-208.000.

Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, to Nippon Soken, Inc. Heading detecting apparatus. 4,523,366. 6-18-85. Cl. 33-357.000.

Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, to Nippon Soken, Inc. Direction detection for a vehicle. 4,555,761. 11-26-85. Cl. 364-424.000.

Matsumoto, Muneaki: *See*—
- Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji. 4,495,467. Cl. 324-244.000.
- Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji. 4,497,034. Cl. 364-571.000.

Matsumoto, Mutsumi; and Sugi, Hideki, to Nippon Kayaku Kabushiki Kaisha. Catalyst for use in a methacrylic acid process. 4,530,916. 7-23-85. Cl. 502-209.000.

Matsumoto, Nobuya: *See*—
- Yoshizumi, Hajime; Matsumoto, Nobuya; Fukuda, Osamu; and Fukushi, Osamu. 4,514,496. Cl. 435-162.000.

Matsumoto, Ryoichiro: *See*—
- Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro. 4,499,754. Cl. 73-861.120.

Matsumoto, Satosi: *See*—
- Kaneko, Fuminori; Yamamura, Takashige; and Matsumoto, Satosi. 4,552,009. Cl. 72-316.000.

Matsumoto, Seiichi: *See*—
- Suzuki, Ryoichi; Matsumoto, Seiichi; Amakura, Takashi; Tsunekawa, Tokuichi; and Uchiyama, Takashi. 4,516,835. Cl. 350-336.000.

Matsumoto, Seishi; Nakashimizu, Takeo; and Abe, Yuji, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing and combinatorial counting method and apparatus. 4,549,617. 10-29-85. Cl. 177-1.000.

Matsumoto, Shigemi: *See*—
- Muramatsu, Eiichi; Matsumoto, Shigemi; and Nagoshi, Fumiya. 4,518,742. Cl. 525-67.000.

Matsumoto, Shigenori: *See*—
- Kuroda, Takao; Hori, Kenju; and Matsumoto, Shigenori. 4,498,013. Cl. 250-578.000.

Matsumoto, Shigeru; Okabe, Yoshikatsu; and Kazama, Yasuhiro, to Japan Radio Company, Limited. Antenna element having non-feed conductive loop surrounding radiating element. 4,516,133. 5-7-85. Cl. 343-819.000.

Matsumoto, Shigeru: *See*—
- Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu. 4,559,973. Cl. 138-138.000.

Matsumoto, Shinichi: *See*—
- Kawai, Taiyo; Habu, Nobuo; and Matsumoto, Shinichi. 4,548,175. Cl. 123-308.000.

Matsumoto, Shuichi; Hatori, Yoshinori; Murakami, Hitomi; and Yamamoto, Hideo, to Kokusai Denshin Denwa Kabushiki Kaisha. Adaptive predictive coding system for television signals. 4,546,386. 10-8-85. Cl. 358-136.000.

Matsumoto, Shuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Wear resistant sintered body. 4,501,613. 2-26-85. Cl. 75-240.000.

Matsumoto, Shuzo; Isayama, Takuro; Yamazaki, Hiroshi; and Katano, Yasuo, to Ricoh Company, Ltd. Multi-nozzle head for ink on-demand type ink jet printer. 4,559,544. 12-17-85. Cl. 346-140.00R.

Matsumoto, Tadao; and Inoue, Kazuo, to Shinko-Pfaudler Company, Ltd. Reaction and heat exchanger apparatus. 4,552,724. 11-12-85. Cl. 422-138.000.

Matsumoto, Tadayuki; Imaeda, Kozo; Mineo, Masatoshi; and Nakagawa, Kiyoshi, to Toray Industries, Inc. Method for producing an interlaced multifilament yarn. 4,557,026. 12-10-85. Cl. 28-258.000.

Matsumoto, Tadayuki: *See*—
- Miyoshi, Takehiko; Matsumoto, Tadayuki; and Sano, Keizo. 4,526,738. Cl. 264-176.00F.

Matsumoto, Takashi: *See*—
- Matsuzaki, Isokazu; Yamagiwa, Akira; Watanabe, Yutaka; Matsumoto, Takashi; and Yabe, Katsumi. 4,516,039. Cl. 307-455.000.

Matsumoto, Takeshi; Yoshida, Shuji; and Shikimi, Katsuji, to Kabushiki Kaisha Komatsu Seisakusho. Track type vehicle providing for ready dismounting and remounting of power train components. 4,506,757. 3-26-85. Cl. 180-294.000.

Matsumoto, Takeshi: *See*—
- Okabayashi, Yoshikatsu; Nakamura, Noboru; Matsumoto, Takeshi; and Osumi, Yoshimasa. 4,518,704. Cl. 502-80.000.
- Ueda, Hiroshi; Matsumoto, Takeshi; and Hashimoto, Masami. 4,558,717. Cl. 137-596.000.

Matsumoto, Tatsuhiko: *See*—
- Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki. 4,514,234. Cl. 148-11.50P.

Matsumoto, Teruo: *See*—
- Miyake, Toshio; Hijiya, Hiromi; Suzuki, Shinji; and Matsumoto, Teruo. 4,557,927. Cl. 424-48.000.

Matsumoto, Tetsuo: *See*—
- Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi. 4,509,995. Cl. 148-143.000.
- Yasui, Toshihiko; Matsumoto, Tetsuo; and Akaike, Akihiko. 4,536,468. Cl. 430-296.000.

Matsumoto, Tetsuro: *See*—
- Ouchi, Yoshiaki; Ishihara, Masamichi; Matsumoto, Tetsuro; and Miyazawa, Kazuyuki. 4,562,555. Cl. 365-233.000.

Matsumoto, Tokuichi, to Mazda Motor Corporation. Engine operation control means for suppressing rough engine operations. 4,561,389. 12-31-85. Cl. 123-425.000.

Matsumoto, Tomoaki: *See*—
- Okoh, Tomio; Matsumoto, Tomoaki; and Hirokawa, Noboru. 4,531,893. Cl. 417-220.000.

Matsumoto, Toshiaki; and Taniguchi, Nobuyuki, to Minolta Camera Kabushiki Kaisha. Film transporting device for use in a camera. 4,540,261. 9-10-85. Cl. 354-173.110.

Matsumoto, Toshio: *See*—
- Inoue, Yoichi; Matsumoto, Toshio; Niwa, Hirosuke; Suzuki, Kenichi; and Hoshide, Yasuo. 4,495,356. Cl. 546-268.000.

Matsumoto, Yasuo: *See*—
- Hara, Seinosuke; Minsho, Kazuyuki; Matsumoto, Yasuo; and Yoshikawa, Yasuo. 4,539,951. Cl. 123-90.170.

Matsumoto, Yasushi: *See*—
- Hanajima, Mitsuru; Yamamoto, Yoshinori; and Matsumoto, Yasushi. 4,503,471. Cl. 360-69.000.

Matsumoto, Yoshiaki: *See*—
- Kase, Hiroshi; Matsumoto, Yoshiaki; and Ohkawa, Kouji. 4,521,950. Cl. 29-568.000.

Matsumoto, Yoshio: *See*—
- Igarashi, Kimizo; Takigawa, Katsumi; Michi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio. 4,526,601. Cl. 65-59.100.
- Sugimoto, Noboru; Matsumoto, Yoshio; Takahashi, Michio; Kohno, Michinaga; and Sakaue, Shiyuki. 4,507,046. Cl. 414-735.000.

Matsumoto, Yukio, to Victor Company of Japan, Ltd. Magnetic recording media comprising a magnetic layer on one side of a support and a non-magnetic TiO layer on the other side. 4,532,178. 7-30-85. Cl. 428-328.000.

Matsumoto, Yukio: *See*—
- Hayashi, Osamu; Kurihara, Hideo; and Matsumoto, Yukio. 4,528,340. Cl. 525-379.000.

Matsumoto, Yuuichi; Kawasaki, Kiyomitsu; and Ishitani, Masato, to Soda Aromatic Company, Limited. Slowly releasing perfume compositions. 4,492,644. 1-8-85. Cl. 252-522.00A.

Matsumoto, Yuuichi, to Soda Aromatic Company, Limited. Slow-release perfume compositions and a process for the preparation of them. 4,511,496. 4-16-85. Cl. 252-522.00A.

Matsumura, Haruki: *See*—
- Sunagawa, Makoto; Matsumura, Haruki; Inoue, Takaaki; and Hirohashi, Toshiyuki. 4,536,334. Cl. 260-239.00A.

Matsumura, Haruo: *See*—
- Koyama, Takahiro; Matsumura, Haruo; and Morita, Teturo. 4,508,893. Cl. 536-85.000.

Matsumura, Hiromu; Yano, Toshisada; and Narisada, Masayuki, to Shionogi & Co., Ltd. Oxacephalosporin derivatives. 4,529,722. 7-16-85. Cl. 514-210.000.

Matsumura, Hiromu: *See*—
- Narisada, Masayuki; Watanabe, Fumihiko; Okada, Tetsuo; and Matsumura, Hiromu. 4,525,355. Cl. 514-210.000.

Matsumura, Hiroshi; Otani, Masato; and Murakami, Fumiki, to Mitsubishi Rayon Co., Ltd. Process for isolating methacrylic acid by extraction. 4,533,750. 8-6-85. Cl. 562-600.000.

Matsumura, Hiroshi: *See*—
- Endo, Keizo; Matsumura, Hiroshi; Hasunuma, Yoshifumi; Masai, Siro; and Oguma, Noboru. 4,522,237. Cl. 141-95.000.

Matsumura, Hiroyoshi; Katsuyama, Toshio; and Suganuma, Tsuneo, to Hitachi, Ltd. Method of producing optical fiber preform. 4,505,729. 3-19-85. Cl. 65-3.110.

Matsumura, Hisashi; Hashimoto, Toyokazu; Kida, Masahiko; and Wada, Hiroyuki, to Hitachi, Ltd. Data transmission system adapted to facilitate detection of safe receipt of a transmitted data frame by a receiving station. 4,558,428. 12-10-85. Cl. 364-900.000.

Matsumura, Ikuei: *See*—
- Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi. 4,510,974. Cl. 138-137.000.

Matsumura, Kaname; and Komai, Takahiko, to Mitsuboshi Belting Ltd. Variable V-belt. 4,504,256. 3-12-85. Cl. 474-250.000.

Matsumura, Kugako: *See*—
- Itoh, Yasuo; Kato, Hideo; Matsumura, Kugako; Nishikawa, Tomoyasu; Hisano, Akira; Yamada, Takehisa; and Koshinaka, Eiichi. 4,534,980. Cl. 514-570.000.

Matsumura, Kunihiko: *See*—
- Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio. 4,548,259. Cl. 165-14.000.

Matsumura, Masami: *See*—
- Saita, Toshikazu; Hino, Toshiyuki; and Matsumura, Masami. 4,561,412. Cl. 123-617.000.

Matsumura, Michio; Inoue, Takao; and Arai, Toshihiro, to Sekisui Kagaku Kogyo Kabushiki Kaisha. Heat-foamable olefinic resin composition and process for production of olefinic resin foam from said composition. 4,510,031. 4-9-85. Cl. 204-159.200.

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Matsumura, Shigeru: *See—*

  Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.

Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, to Nippon Shinyaku Co., Ltd. Antihyperglycemic moranoline derivatives. 4,533,668, 8-6-85, Cl. 514-321.000.

Matsumura, Shunichi; and Inata, Hiroo, to Teijin Limited. Production of a film-like or fibrous structure of an aromatic polyester. 4,517,315, 5-14-85, Cl. 521-64.000.

Matsumura, Susumu; and Imataki, Mitsumasa, to Matsumura, Susumu; and Mitsubishi Denki Kabushiki Kaisha. Power converter. 4,511,957, 4-16-85, Cl. 363-54.000.

Matsumura, Susumu; Yano, Masao; Sashida, Nobuo; and Yamamoto, Yoshihiko, to Susumu Jatsumura; and Mitsubishi Denki Kabushiki Kaisha. Thyristor apparatus employing light-triggered thyristors. 4,536,816, 8-20-85, Cl. 361-91.000.

Matsumura, Susumu; Hosokawa, Yasuhiko; Katsuki, Kanji; and Yano, Masao, to Matsumura, Susumu; and Mitsubishi Denki Kabushiki Kaisha. Control apparatus for D.C. power transmission system. 4,555,750, 11-26-85, Cl. 363-37.000.

Matsumura, Susumu; Suzuki, Takashi; and Suzuki, Kenji, to Canon Kabushiki Kaisha. Focus detecting device. 4,560,863, 12-24-85, Cl. 250-201.000.

Matsumura, Susumu, to Canon Kabushiki Kaisha. In-focus state detection device. 4,561,750, 12-31-85, Cl. 354-406.000.

Matsumura, Susumu: *See—*

  Suzuki, Takashi; Matsumura, Susumu; and Ohtaka, Keiji, 4,534,637, Cl. 354-403.000.

Matsumura, Teruyuki: *See—*

  Matsui, Mitsuo; and Matsumura, Teruyuki, 4,514,611, Cl. 219-69.00M.

  Matsui, Mitsuo; and Matsumura, Teruyuki, 4,538,098, Cl. 318-567.000.

Matsumura, Tetsuo: *See—*

  Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.

Matsumura, Toshimi; Miyaki, Masahiko; Tomishima, Hitoshi; and Masuda, Akira, to Nippondenso Co., Ltd. Engine control system and method for minimizing cylinder-to-cylinder speed variations. 4,495,920, 1-29-85, Cl. 123-436.000.

Matsumura, Toshimi: *See—*

  Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, 4,492,534, Cl. 417-386.000.

  Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, 4,499,883, Cl. 123-503.000.

  Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, 4,503,821, Cl. 123-357.000.

Matsumura, Yasuhide: *See—*

  Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, 4,542,712, Cl. 118-726.000.

Matsumura, Yasuo: *See—*

  Yamazaki, Yasuo; Suzuki, Takehiko; Shimizu, Isoo; and Matsumura, Yasuo, 4,554,360, Cl. 549-261.000.

Matsumura, Yasushi: *See—*

  Sugisawa, Ko; Matsumura, Yasushi; and Taga, Kazumitsu, 4,520,574, Cl. 34-5.000.

  Sugisawa, Ko; Matsumura, Yasushi; Taga, Kazumitsu; Sengoku, Kouji; and Nagatome, Yoshiaki, 4,537,789, Cl. 426-634.000.

Matsumura, Yuichi: *See—*

  Yoshikawa, Kazuaki; Matsumura, Yuichi; and Mase, Noriaki, 4,534,932, Cl. 376-310.000.

Matsumuro, Yasuhiko: *See—*

  Utsunomiya, Tadashi; Matsumuro, Yasuhiko; and Saigo, Hideaki, 4,507,418, Cl. 524-318.000.

Matsunaga, Atsushi; Kusayanagi, Sampo; Takano, Masamitu; and Kato, Yutaka, to Nippon Mining Co., Ltd. Electrical insulating oil having high oxidation stability and method for production thereof. 4,542,246, 9-17-85, Cl. 585-6.600.

Matsunaga, Fujihisa; Nishimura, Tadahiko; Miyake, Etsuo; and Banba, Kiyotaka, to Mitsui Petrochemical Industries, Ltd.; and Honshu Chemical Ind. Co. Ltd. Process for production of 2,2-bis(4-hydroxyphenyl) propane. 4,517,387, 5-14-85, Cl. 568-728.000.

Matsunaga, Isao: *See—*

  Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Matsunaga, Junichi, to Tokyo Shibaura Denki Kabushiki Kaisha. High density integrated circuit device with MOS transistor and semiconductor region having potential wells. 4,539,580, 9-3-85, Cl. 357-23.000.

Matsunaga, Katsutoshi: *See—*

  Umetani, Tetsumasa; and Matsunaga, Katsutoshi, 4,502,928, Cl. 204-98.000.

Matsunaga, Kenichi: *See—*

  Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.

  Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.

Matsunaga, Kinjiro; Okumura, Takeo; and Tsushima, Rikio, to Kao Soap Co., Ltd. Pre-shampoo type hair treatment composition. 4,495,173, 1-22-85, Cl. 424-70.000.

Matsunaga, Kiyosi: *See—*

  Harata, Mituo; Hiraki, Hideaki; Uno, Shigeki; Sakuma, Kazuo; and Matsunaga, Kiyosi, 4,509,035, Cl. 338-35.000.

Matsunaga, Kuniyoshi: *See—*

  Kosaka, Akira; Murao, Sawao; Hirano, Kenichi; Tanaka, Noriaki; and Matsunaga, Kuniyoshi, 4,554,249, Cl. 435-10.000.

  Yamada, Hideaki; Otsuji, Shogo; Isobe, Kimiyasu; Matsunaga, Kuniyoshi; and Inukai, Tadahiko, 4,550,078, Cl. 435-25.000.

Matsunaga, Masaaki: *See—*

  Ogura, Takashi; Hirohara, Toshihide; Matsunaga, Masaaki; Kamiya, Kiyoshi; and Tanaka, Tetsuo, 4,561,044, Cl. 362-84.000.

Matsunaga, Masaji: *See—*

  Tanaka, Norio; Taniguchi, Masakazu; Baba, Masatoshi; Ikai, Takashi; Nawamaki, Tsutomu; and Matsunaga, Masaji, 4,557,753, Cl. 71-92.000.

Matsunaga, Satoshi: *See—*

  Kawakami, Sota; Murata, Hideki; Matsunaga, Satoshi; and Kiriki, Toshihiko, 4,495,345, Cl. 528-372.000.

Matsunaga, Shigeo; Iizuka, Yoshio; and Suzuki, Tadaaki, to Fujitsu Limited. Facsimile system. 4,543,612, 9-24-85, Cl. 358-261.000.

Matsunaga, Tadashi, to Kabushiki Kaisha Advance Kaihatsu Kenkyujo. Electrochemical method for detection and classification of microbial cell. 4,528,270, 7-9-85, Cl. 435-39.000.

Matsunaga, Tetsuzo: *See—*

  Kasuya, Katsuhiko; Mori, Hidetomo; Fujiwara, Mitsuru; and Matsunaga, Tetsuzo, 4,492,546, Cl. 418-201.000.

Matsunaga, Toru: *See—*

  Tomisawa, Kazuyuki; Kameo, Kazuya; Matsunaga, Toru; Saito, Shiuji; Nakashima, Yoshimoto; and Sata, Kaoru, 4,541,959, Cl. 260-455.00R.

Matsunaga, Toshio: *See—*

  Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.

Matsunaga, Yoshiyuki: *See—*

  Harada, Nozomu; Endo, Yukio; Yoshida, Okio; and Matsunaga, Yoshiyuki, 4,543,489, Cl. 250-578.000.

Matsunaga, Yukio A.: *See—*

  Van Erden, Donald L.; Gould, Russell J.; and Matsunaga, Yukio A., 4,495,124, Cl. 264-130.000.

Matsunami, Muneharu; Tsuge, Hiroshi; Kubota, Tatsushi; and Ogawa, Hisashi, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Kabushiki Kaisha Tokai Rika Denki Seisakusho. Automatic seatbelt system. 4,536,010, 8-20-85, Cl. 280-802.000.

Matsunawa, Masahiko; and Abe, Yoshinori, to Konishiroku Photo Industry Co., Ltd. Recording apparatus and method of picture image. 4,495,522, 1-22-85, Cl. 358-280.000.

Matsunawa, Masahiko, to Konishiroku Photo Industry Co., Ltd. Picture image discriminating apparatus. 4,556,916, 12-3-85, Cl. 358-282.000.

Matsunawa, Masahiko: *See—*

  Abe, Yoshinori; and Matsunawa, Masahiko, 4,524,388, Cl. 358-163.000.

  Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,495,508, Cl. 346-159.000.

  Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,562,447, Cl. 346-159.000.

Matsuno, Akira: *See—*

  Kohyama, Katsuhisa; Matsuno, Akira; and Tsuruhara, Kenji, 4,546,172, Cl. 528-491.000.

Matsuno, Junichi: *See—*

  Yoshida, Takashi; Fujie, Masakatsu; Matsuno, Junichi; and Ouchi, Hideyuki, 4,521,813, Cl. 358-296.000.

Matsuno, Jyunichi; Kawauchi, Masataka; and Yoshida, Masashi, to Hitachi, Ltd. Thermal transfer color recording apparatus and recording method. 4,562,443, 12-31-85, Cl. 346-76.0PH.

Matsuno, Keishi: *See—*

  Uchida, Kozo; and Matsuno, Keishi, 4,491,802, Cl. 330-260.000.

Matsuno, Kenji; and Funamoto, Hiroyuki, to Toyo Seikan Kaisha, Ltd. Welded can bodies. 4,517,256, 5-14-85, Cl. 428-629.000.

Matsuno, Kenji; and Kuse, Kazuma, to Toyo Seikan Kaisha, Ltd. Apparatus for producing welded metallic can bodies. 4,559,431, 12-17-85, Cl. 219-64.000.

Matsuno, Kiyotaka: *See—*

  Ogawa, Toshihisa; Miyagi, Hideo; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,522,168, Cl. 123-198.00D.

  Tsukamoto, Keisuk; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,561,397, Cl. 123-357.000.

Matsuno, Koichiro: *See—*

  Kakii, Toshiaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi; and Matsumoto, Michito, 4,526,732, Cl. 264-2.700.

Matsuno, Mitsuo; Kudoh, Michio; and Imai, Hiroshuke, to Nippon Oil Co., Ltd. Process for preparing 4-methyl-1-pentene. 4,533,781, 8-6-85, Cl. 585-516.000.

Matsuno, Mitsuo: *See—*

  Kudoh, Michio; Matsuno, Mitsuo; and Imai, Hirosuke, 4,511,748, Cl. 585-467.000.

Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, to Hitachi Zosen Corporation. Coating apparatus. 4,501,223, 2-26-85, Cl. 118-668.000.

Matsuno, Tadaaki, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus with bulk and fine feed. 4,494,619, 1-22-85, Cl. 177-25.000.

Matsuno, Yoshio, to Nissan Motor Company, Limited. Air duct assembly. 4,522,114, 6-11-85, Cl. 98-2.090.

Matsunuma, Tamotsu, to Bridgestone Tire Company Limited. Pneumatic radial tire having an improved durability in the running on bad road. 4,518,024, 5-21-85, Cl. 152-361.0DM.

Matsuo Electric Company, Ltd.: *See—*

Uemura, Toshihiko, 4,497,105, Cl. 29-570.000.

Matsuo, Hitoshi: *See—*

Kobayashi, Nobuyoshi; Iwata, Seiichi; Yamamoto, Naoki; Matsuo, Hitoshi; and Homma, Teiichi, 4,505,028, Cl. 29-578.000.

Matsuo, Ichiro: *See—*

Okafuji, Masaharu; Ochi, Yoshinori; Miyake, Atsushi; Noguchi, Junichi; and Matsuo, Ichiro, 4,558,480, Cl. 15-77.000.

Matsuo, Itaru: *See—*

Gomi, Shimpei; Takeuchi, Tomomitsu; Matsuo, Itaru; Tsutsui, Toshio; Nakagawa, Takao; and Miwa, Shigeru, 4,522,627, Cl. 44-1.00R.

Matsuo, Jon T., to United States of America, Navy. Reefing system. 4,540,145, 9-10-85, Cl. 244-152.000.

Matsuo, Junichi: *See—*

Yazaki, Jinichi; Sakano, Kozaburo; and Matsuo, Junichi, 4,548,985, Cl. 525-65.000.

Matsuo, Katsuharu. Temperature controller for providing a rapid initial heating cycle using a variable reference voltage. 4,549,074, 10-22-85, Cl. 219-505.000.

Matsuo, Kazumasa: *See—*

Nakada, Akio; and Matsuo, Kazumasa, 4,558,706, Cl. 128-660.000.

Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.

Matsuo, Kenji; and Masuda, Eiji, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor analog switch circuit with compensation means to minimize offset of output voltage. 4,511,814, 4-16-85, Cl. 307-572.000.

Matsuo, Kenji; and Takata, Minoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Signal level comparing circuit. 4,527,076, 7-2-85, Cl. 307-362.000.

Matsuo, Kenji; and Yamaguchi, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Transmission gate relaxation oscillator having comparator. 4,535,305, 8-13-85, Cl. 331-111.000.

Matsuo, Kenji; and Abou, Shouji, to Tokyo Shibaura Denki Kabushiki Kaisha. Switched capacitor filter circuit. 4,551,683, 11-5-85, Cl. 328-167.000.

Matsuo, Kenji: *See—*

Masuda, Eiji; and Matsuo, Kenji, 4,518,880, Cl. 307-577.000.

Masuda, Eiji; and Matsuo, Kenji, 4,524,327, Cl. 330-253.000.

Masuda, Eiji; Matsuo, Kenji; and Fujita, Yasuhiko, 4,560,890, Cl. 307-355.000.

Sasaki, Itsuo; and Matsuo, Kenji, 4,558,292, Cl. 333-173.000.

Suzuki, Yasoji; Matsuo, Kenji; and Yamaguchi, Akira, 4,529,897, Cl. 307-571.000.

Suzuki, Yasoji; and Matsuo, Kenji, 4,558,234, Cl. 307-446.000.

Matsuo, Kenzaburo: *See—*

Ida, Jinsei; Fujita, Tsutomu; Matsuo, Kenzaburo; Higuchi, Fumio; and Tamura, Mitsuo, 4,503,596, Cl. 29-568.000.

Ida, Jinsei; Fujita, Tsutomu; Yamada, Ichiho; Higuchi, Fumio; and Matsuo, Kenzaburo, 4,510,669, Cl. 29-568.000.

Matsuo, Masashi; Itoh, Katsuji; Hayashi, Takao; and Oda, Yoshio, to Asahi Glass Company Ltd. Stainproofing agent and process for its preparation. 4,504,401, 3-12-85, Cl. 252-8.750.

Matsuo, Michiko, Takeshi Matsuo, Tazuko Matsuo, heirs: *See—*

Matsuo, Taisuke, deceased; Ochiai, Michihiko; and Kishimoto, Shoji, 4,560,508, Cl. 260-239.00A.

Matsuo, Nobuo, to Nitsuko Limited. Circuit for automatically releasing holding state of telephone system. 4,551,582, 11-5-85, Cl. 179-81.00R.

Matsuo, Noritada: *See—*

Matsui, Masanao; Chun-Eng, Liau; Kogami, Kunio; Yano, Toshihiko; and Matsuo, Noritada, 4,496,586, Cl. 514-531.000.

Nishida, Sumio; Matsuo, Noritada; Tsushima, Kazunori; Hatakoshi, Makoto; and Hirano, Masachika, 4,562,213, Cl. 514-721.000.

Matsuo, Seitaro; and Ono, Toshiro, to Nippon Telegraph & Telephone Public Corporation. Plasma deposition method and apparatus. 4,492,620, 1-8-85, Cl. 204-192.00R.

Matsuo, Seitaro; Kiuchi, Mikiho; and Sekimoto, Misao, to Nippon Telegraph & Telephone Public Corporation. Method of fabricating a membrane structure. 4,543,266, 9-24-85, Cl. 427-38.000.

Matsuo, Seitaro: *See—*

Itsumi, Manabu; Ehara, Kohei; Muramoto, Susumu; and Matsuo, Seitaro, 4,543,592, Cl. 357-43.000.

Matsuo, Shohta: *See—*

Nakamura, Yoichi; Watarai, Shumei; and Matsuo, Shohta, 4,533,602, Cl. 428-447.000.

Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, to Toshiba Ceramics Co., Ltd.; and Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for producing a silicon single crystal from a silicon melt. 4,515,755, 5-7-85, Cl. 422-246.000.

Matsuo, Syunji: *See—*

Takagiwa, Hiroyuki; Matsuo, Syunji; and Tomono, Makoto, 4,543,311, Cl. 430-98.000.

Matsuo, Tadao; Matsuoka, Fumio; Yokota, Nobuo; and Yamamoto, Masaaki, to Mitsuboshi Belting Ltd. Method of producing accurately sized material of ultra high molecular weight polyethylene. 4,518,552, 5-21-85, Cl. 264-126.000.

Matsuo, Taisuke; Kishimoto, Shoji; and Ochiai, Michihiko, to Takeda Chemical Industries, Ltd. 1-sulfo-2-oxoazetidine derivatives and their production. 4,550,105, 10-29-85, Cl. 514-210.000.

Matsuo, Taisuke, deceased (by Matsuo, Michiko, Takeshi Matsuo, Tazuko Matsuo, heirs); Ochiai, Michihiko; and Kishimoto, Shoji, to Takeda Chemical Industries, Ltd. 4-cyano-2-azetidinones and production thereof. 4,560,508, 12-24-85, Cl. 260-239.00A.

Matsuo, Takashi: *See—*

Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.

Matsuo, Takeshi; and Suzuki, Yukio, to Tokyo Shibaura Denki Kabushiki Kaisha. Electrophotographic photosensitive member using microcrystalline silicon. 4,560,634, 12-24-85, Cl. 430-84.000.

Matsuo, Tohru: *See—*

Tanoue, Toyosuke; Sueyasu, Masanobu; Fukuda, Mitsuichiro; and Matsuo, Tohru, 4,545,786, Cl. 48-92.000.

Matsuo, Yasushi: *See—*

Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, 4,511,402, Cl. 75-233.000.

Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, 4,521,358, Cl. 264-65.000.

Shimamori, Toru; Hattori, Yoshinori; and Matsuo, Yasushi, 4,499,192, Cl. 501-97.000.

Matsuo, Yoshihiro: *See—*

Nishida, Masamitsu; Ouchi, Hiromu; and Matsuo, Yoshihiro, 4,555,494, Cl. 501-134.000.

Yamamoto, Ryoichi; Matsuo, Yoshihiro; Mikoda, Masanari; and Asada, Yoshihiro, 4,529,638, Cl. 428-69.000.

Matsuo, Yoshiho; Yoshino, Atsuhiko; and Nishijima, Ryoji, to Nissan Chemical Industries Ltd.; and Nissan Maruzen Polyethylene Company. Process for producing a blow molding resin. 4,508,878, 4-2-85, Cl. 525-333.800.

Matsuo, Yoshiho; Nishijima, Ryoji; Yoshino, Atsuhiko; and Kawashima, Takai, to Nissan Chemical Industries Ltd.; and Nissan Maruzen Polyethylene Company. Process for producing a blow molding resin. 4,528,151, 7-9-85, Cl. 264-83.000.

Matsuo, Yoshio; and Matsubara, Kentaro, to Tetsudo Kizai Kogyo Company Limited. Rail fastening device. 4,505,428, 3-19-85, Cl. 238-349.000.

Matsuo, Yoshitaka: *See—*

Makino, Kenya; Sakurai, Hideo; Toyoda, Toshiyuki; and Matsuo, Yoshitaka, 4,506,061, Cl. 526-142.000.

Matsuoka, Fumio; Iijima, Hitoshi; Yamazaki, Kisuke; Kasagi, Hiroshi; Nakashima, Yasuo; Sakuma, Kiyoshi; and Umehara, Mitsuo, to Mitsubishi Denki Kabushiki Kaisha. Control device for refrigeration cycle. 4,499,739, 2-19-85, Cl. 62-212.000.

Matsuoka, Fumio: *See—*

Matsuo, Tadao; Matsuoka, Fumio; Yokota, Nobuo; and Yamamoto, Masaaki, 4,518,552, Cl. 264-126.000.

Sakakibara, Kazuo; Shimogawa, Toshiaki; Kato, Masahiko; and Matsuoka, Fumio, 4,561,606, Cl. 242-107.000.

Matsuoka, Hideaki, to Warner-Ishi. Turbocharged internal combustion engine having an engine driven positive displacement compressor. 4,505,117, 3-19-85, Cl. 60-609.000.

Matsuoka, Hiroki; and Murai, Toshimi, to Toyota Jidosha Kabushiki Kaisha. Air-fuel ratio control apparatus. 4,522,180, 6-11-85, Cl. 123-489.000.

Matsuoka, Hiroki: *See—*

Katoh, Yuuichi; Matsuoka, Hiroki; and Iwata, Minoru, 4,519,354, Cl. 123-472.000.

Matsuoka, Hironao; and Suzuka, Kazuo, to Hitachi Denshi Kabushiki Kaisha. Radio system. 4,556,989, 12-3-85, Cl. 455-183.000.

Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, to JGC Corporation. Process for the preparation of a catalyst for the synthesis of methane. 4,510,264, 4-9-85, Cl. 502-328.000.

Matsuoka, Hiroshi; and Furukawa, Yutaka, to Bando Chemical Industries, Ltd. Automatic tension maintaining transmission belt. 4,522,614, 6-11-85, Cl. 474-260.000.

Matsuoka, Isamu: *See—*

Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.

Matsuoka, Kazuhiko: *See—*

Baba, Takeshi; and Matsuoka, Kazuhiko, 4,517,589, Cl. 358-75.000.

Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.

Matsuoka, Kazunori: *See—*

Konishi, Hideo; Matsuoka, Kazunori; and Gouya, Takao, 4,495,650, Cl. 455-144.000.

Matsuoka, Masaru: *See—*

Esho, Sotaro; Itoh, Masaki; and Matsuoka, Masaru, 4,504,548, Cl. 428-426.000.

Matsuoka, Michio: *See—*

Eda, Kazuo; Kikuchi, Yasuharu; Makino, Osamu; and Matsuoka, Michio, 4,551,268, Cl. 252-519.000.

Matsuoka, Naoki: *See—*

Hori, Yutaka; Sunakawa, Makoto; Takayama, Kikuo; Matsuoka, Naoki; and Moroishi, Yutaka, 4,500,683, Cl. 524-533.000.

Matsuoka, Noriaki: *See—*

Kumata, Masao; and Matsuoka, Noriaki, 4,508,793, Cl. 429-26.000.

- Matsuoka, Seiichi: *See—*
  - Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.
- Matsuoka, Shigeki; and Naitoh, Yoshihiro, to Daido Steel Company Limited. Process for removing adhered substance from steel ingots. 4,534,801, 8-13-85, Cl. 134-15.000.
- Matsuoka, Shigeru, to Hitachi, Ltd. Method and apparatus for door operation remote control. 4,496,942, 1-29-85, Cl. 340-696.000.
- Matsuoka, Shigeru; Yamauchi, Koji; Tadokoro, Hiroyuki; Yonekura, Seiji; and Suzuki, Mitsuo, to Hitachi, Ltd. Control system for illumination lamp installed in building equipped with door operation control apparatus. 4,549,092, 10-22-85, Cl. 307-116.000.
- Matsuoka, Shunji: *See—*
  - Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Okamoto, Kenji, 4,560,249, Cl. 350-162.170.
  - Okamoto, Kenji; Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Nishiura, Yozo, 4,517,280, Cl. 430-321.000.
- Matsuoka, Takeji, to MEC Machinery Co., Ltd. Apparatus for manufacturing solid tension coil springs having attachment loops at both ends thereof. 4,542,635, 9-24-85, Cl. 72-14.000.
- Matsuoka, Tomizo: *See—*
  - Fujita, Yosuke; Tohda, Takao; Matsuoka, Tomizo; Abe, Atsushi; and Nitta, Tsuneharu, 4,547,703, Cl. 313-509.000.
- Matsuoka, Toshio; Kurozu, Shinichi; and Sugimori, Seiji, to Sumitomo Heavy Industries, Ltd. Method of reducing iron ore using petroleum coke. 4,547,219, 10-15-85, Cl. 75-29.000.
- Matsuoka, Yoshio: *See—*
  - Ai, Hideo; Ikeda, Akihiko; and Matsuoka, Yoshio, 4,528,332, Cl. 525-332.200.
- Matsura, Masataka: *See—*
  - Funada, Fumiaki; Matsura, Masataka; and Wada, Tomio, 4,556,287, Cl. 350-336.000.
- Matsusaka, Chikako: *See—*
  - Yamahira, Yoshiya; Shima, Katsuhiko; Matsusaka, Chikako; and Noguchi, Tetsuo, 4,514,386, Cl. 424-81.000.
- Matsusaka, Hiroji: *See—*
  - Morishita, Muneki; Nishimura, Hiroyuki; and Matsusaka, Hiroji, 4,549,661, Cl. 209-534.000.
- Matsushima, Akio: *See—*
  - Tone, Syoichi; Deno, Koji; and Matsushima, Akio, 4,496,108, Cl. 242-18.0PW.
- Matsushima, Haruo, to Matsushita Electric Industrial Co., Ltd. Turntable type high-frequency heating apparatus. 4,501,944, 2-26-85, Cl. 219-10.55F.
- Matsushima, Hiroshi: *See—*
  - Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; Tsuji, Shiro; Kihara, Nobuyoshi; and Amano, Yoshinori, 4,544,962, Cl. 360-40.000.
  - Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; and Takeuchi, Kousou, 4,549,167, Cl. 340-347.0DD.
  - Shimeki, Yasuharu; Kato, Misao; Matsushima, Hiroshi; and Ishikawa, Toshiro, 4,525,753, Cl. 360-45.000.
- Matsushima, Kazufumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Menu display device. 4,517,428, 5-14-85, Cl. 219-10.55B.
- Matsushima, Keiichi, to Aimor Denshi Kabushiki Kaisha. Method of and apparatus for printing colored patterns. 4,542,997, 9-24-85, Cl. 400-120.000.
- Matsushima, Kohji; Nakagawa, Yasutsugu; and Yagi, Michio, to Konishiroku Photo Industry Co., Ltd. Programmed automatic exposure control. 4,497,563, 2-5-85, Cl. 354-429.000.
- Matsushima, Kohji: *See—*
  - Momose, Haruhiko; Takahashi, Toshiaki; Hoshino, Yasushi; Matsushima, Kohji; and Yagi, Michio, 4,541,702, Cl. 354-400.000.
- Matsushima, Noboru, to Nippon Oil Seal Industry Co., Ltd. Oil seal with main lip, subsidiary lip and dust lip. 4,550,920, 11-5-85, Cl. 277-134.000.
- Matsushima, Satoru: *See—*
  - Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, 4,501,141, Cl. 73-146.000.
- Matsushima, Shiro, to Shimano Industrial Company Limited. Spinning reel. 4,561,604, 12-31-85, Cl. 242-84.20R.
- Matsushima, Yoshiaki; Chiaki, Nobutaka; Kato, Kuniaki; and Horikiri, Toshihiko, to Tokyo Keiki Company Ltd. Electromagnetically operated hydraulic actuator. 4,561,628, 12-31-85, Cl. 251-30.010.
- Matsushima, Yuichi: *See—*
  - Akiba, Shigeyuki; Sakai, Kazuo; Utaka, Katsuyuki; and Matsushima, Yuichi, 4,506,367, Cl. 372-45.000.
  - Akiba, Shigeyuki; Utaka, Katsuyuki; Sakai, Kazuo; and Matsushima, Yuichi, 4,553,239, Cl. 372-50.000.
- Matsushita, Akira: *See—*
  - Sugasawa, Tsutomu; Adachi, Makoto; Sasakura, Kazuyuki; Matsushita, Akira; and Eigyo, Masami, 4,560,684, Cl. 514-221.000.
- Matsushita Electric Industrial Co., Ltd.: *See—*
  - Ando, Eiji; Goto, Yoshiki; Moriyama, Kumiko; Takeshita, Isao; and Hirao, Kunio, 4,557,850, Cl. 252-68.000.
  - Arai, Kazuo; and Shimamoto, Takeshi, 4,492,581, Cl. 434-128.000.
  - Arai, Shoji, 4,506,272, Cl. 346-76.0PH.
  - Asada, Shuji; and Nanbu, Tadamasa, 4,517,757, Cl. 38-88.000.
  - Asada, Takafumi; Onishi, Toshio; Senma, Kajuyoshi; and Matsumoto, Hideo, 4,557,610, Cl. 384-107.000.
  - Deguchi, Masahiro; Moriya, Mitsuro; Wakami, Noboru; Goto, Yasuhiro; and Shiragami, Kazuharu, 4,539,664, Cl. 369-44.000.
  - Eda, Kazuo; Kikuchi, Yasuharu; Makino, Osamu; and Matsuoka, Michio, 4,551,268, Cl. 252-519.000.
  - Fujishita, Kazuo; Kaneko, Hideki; Ushirokajitani, Yoshiyuki; and Kanno, Tadao, 4,503,810, Cl. 122-13.00R.
  - Fujita, Yosuke; Tohda, Takao; Matsuoka, Tomizo; Abe, Atsushi; and Nitta, Tsuneharu, 4,547,703, Cl. 313-509.000.
  - Fukuda, Katsumi; Ebihara, Masaharu; Hayakumo, Tadahiko; and Todoroki, Tsunehiko, 4,541,326, Cl. 98-40.250.
  - Fukunaga, Masao; and Nonoguchi, Hiroshi, 4,543,968, Cl. 132-33.00R.
  - Funagura, Shuichi; and Nishio, Katsufumi, 4,516,733, Cl. 241-79.000.
  - Genji, Nobuo; Takahashi, Wataru; Nakamura, Masatatsu; and Kawai, Yoichi, 4,553,413, Cl. 68-12.00R.
  - Gohara, Yoshihiro; Kanno, Masashi; and Yamashita, Ichiro, 4,507,523, Cl. 178-19.000.
  - Gotou, Makoto, 4,491,770, Cl. 318-254.000.
  - Gotou, Makoto, 4,494,053, Cl. 318-254.000.
  - Gotou, Makoto; and Okamoto, Hiroshi, 4,500,830, Cl. 323-267.000.
  - Gotou, Makoto, 4,527,102, Cl. 318-254.000.
  - Hamane, Tokuhito; Tasai, Masaaki; and Kubota, Tadashi, 4,497,111, Cl. 29-734.000.
  - Hara, Yoshihumi; Takano, Hiroji; Kabashima, Shoshi; and Hasegawa, Mikio, 4,524,507, Cl. 29-564.200.
  - Hasegawa, Kenichi, 4,531,155, Cl. 358-186.000.
  - Hasegawa, Makoto; Makimoto, Mitsuo; Yamashita, Sadahiko; and Katayama, Yoshio, 4,536,724, Cl. 331-177.00V.
  - Hasegawa, Makoto; Ohnishi, Hiroshi; and Yamashita, Sadahiko, 4,553,264, Cl. 455-189.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,508,083, Cl. 123-491.000.
  - Hashimoto, Kiyokazu; and Hayashi, Keizi, 4,492,988, Cl. 358-336.000.
  - Hata, Takuoki; Ohmi, Akira; Ushijima, Tadayoshi; and Kuroda, Takayuki, 4,558,021, Cl. 501-137.000.
  - Hatada, Kenzo; and Kitahiro, Isamu, 4,494,688, Cl. 228-180.00A.
  - Hatagawa, Toyotsugu, 4,499,356, Cl. 219-10.55E.
  - Hayakawa, Daishiro; Akimoto, Masao; Narita, Katsumi; and Tani, Kenroku, 4,492,928, Cl. 330-126.000.
  - Hirai, Masayoshi; Tanaka, Junzo; and Ueda, Katsuroh, 4,521,183, Cl. 432-37.000.
  - Hirauchi, Yukio, 4,548,575, Cl. 431-88.000.
  - Hirauchi, Yukio; Nakano, Kazuhiro; and Harada, Toyohei, 4,549,523, Cl. 126-97.000.
  - Hirota, Ken; Fujimoto, Yoshiaki; Watanabe, Kouichi; and Sugimura, Minoru, 4,521,323, Cl. 252-62.590.
  - Hirota, Yutaka; and Eguchi, Takashi, 4,507,687, Cl. 358-335.000.
  - Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, 4,510,179, Cl. 427-96.000.
  - Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, 4,559,279, Cl. 428-632.000.
  - Honjo, Masahiro; and Tomita, Masao, 4,542,416, Cl. 360-10.300.
  - Hori, Michimasa; Hirano, Hideo; Kojima, Yoshinori; and Yuda, Jiro, 4,558,993, Cl. 417-283.000.
  - Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, 4,500,459, Cl. 260-396.00N.
  - Hotta, Shu; Hosaka, Tomiharu; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,501,686, Cl. 252-500.000.
  - Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, 4,510,089, Cl. 260-396.00N.
  - Hotta, Shu; Shimizu, Tokihiko; and Taguchi, Nobuyoshi, 4,541,830, Cl. 8-471.000.
  - Imajima, Mituhiro, 4,534,727, Cl. 431-76.000.
  - Imanishi, Kiyokazu; Ichiyanagi, Takashi; Sakurai, Yasuo; Naka, Hirouki; and Nakagawa, Koji, 4,525,757, Cl. 360-130.240.
  - Inaba, Ritsuo; and Wasa, Kiyotaka, 4,510,443, Cl. 324-120.000.
  - Inoue, Mamoru; Hara, Shoji; Hasegawa, Morimichi; and Imanishi, Kiyokazu, 4,552,045, Cl. 82-21.00R.
  - Inoue, Michihiro; Matsuzawa, Akira; and Takemoto, Toyoki, 4,496,935, Cl. 340-347.0AD.
  - Inoue, Takao; Maeda, Yukio; and Uchida, Masami, 4,546,464, Cl. 369-280.000.
  - Inoue, Toshitsugu; Nakada, Akiyoshi; Kaji, Haruo; Doi, Makoto; and Takezawa, Kuninori, 4,522,555, Cl. 414-733.000.
  - Irie, Hiroyuki; Ide, Susumu; Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,542,322, Cl. 315-366.000.
  - Irikura, Tsutomu, 4,510,554, Cl. 361-433.000.
  - Irikura, Tsutomu; and Hasegawa, Nobuo, 4,539,623, Cl. 361-433.000.
  - Ishihara, Shin-ichiro; Hirao, Takashi; Mori, Koshiro; and Mochizuki, Motonori, 4,492,605, Cl. 148-174.000.
  - Ishihara, Shoichi; Yoneno, Hiroshi; and Yamamoto, Ryoichi, 4,492,725, Cl. 428-69.000.
  - Ishii, Takahito; Yamashita, Kazuo; and Uno, Hiroshi, 4,535,837, Cl. 165-104.170.
  - Ishiwatari, Hiromasa, 4,556,875, Cl. 340-679.000.
  - Isobe, Mitsuo; Kutsuki, Tetsuo; Yamaguchi, Namio; and Tanaka, Toshihide, 4,524,389, Cl. 358-188.000.
  - Itakura, Gen; Kuramitsu, Hideki; Iguchi, Takashi; Kuroda, Takayuki; and Nagase, Kaneomi, 4,558,020, Cl. 501-137.000.
  - Ito, Akio; Matsuda, Shunsuke; Murakami, Yoshinobu; and Tamura, Tooru, 4,536,267, Cl. 204-159.230.
  - Itoh, Yoshimasa; and Asakawa, Shiroh, 4,537,606, Cl. 55-158.000.
  - Kadota, Hiroshi; and Ichinohe, Eisuke, 4,523,301, Cl. 365-49.000.
  - Kageyama, Yoshikazu; Nagasaki, Sakon; and Mino, Mineo, 4,521,735, Cl. 324-433.000.
  - Kakimoto, Atsushi; Takita, Masaaki; and Watanabe, Shinichi, 4,505,469, Cl. 271-91.000.

Kakimoto, Atsushi; and Takita, Masaaki, 4,517,575, Cl. 346-138.000.
Kaminaka, Nobuyuki; Kanai, Kenji; Nomura, Noboru; and Omata, Yuji, 4,504,540, Cl. 428-195.000.
Kaminaka, Nobuyuki; Kanai, Kenji; and Nomura, Noboru, 4,558,385, Cl. 360-126.000.
Kasahara, Yukio; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,553,099, Cl. 324-458.000.
Katakabe, Noboru; Watanabe, Shuichi; Takamiya, Takehisa; Takase, Hiroaki; and Yoshii, Orio, 4,558,964, Cl. 400-144.100.
Kato, Junichi; Yokotani, Yoichirou; Nishida, Masamitsu; and Ouchi, Hiromu, 4,542,107, Cl. 501-134.000.
Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; Tsuji, Shiro; Kihara, Nobuyoshi; and Amano, Yoshinori, 4,544,962, Cl. 360-40.000.
Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; and Takeuchi, Kousou, 4,549,167, Cl. 340-347.0DD.
Kawabata, Yoshimasa; and Otsuki, Susumu, 4,558,396, Cl. 361-399.000.
Kawamoto, Kinji; and Murase, Kazuhiro, 4,528,884, Cl. 84-1.010.
Kawamoto, Kinji; Tsukamoto, Masao; Murase, Kazuhiro; Kaneaki, Tetsuhiko; and Nikaido, Masataka, 4,536,853, Cl. 364-718.000.
Kazufumi, Ogawa; Kondo, Shigeru; Yasuda, Yoshiko; Yonezawa, Taketoshi; and Kitahiro, Isamu, 4,523,102, Cl. 250-578.000.
Kenmochi, Kazuei; Sakairi, Tadashi; Maruyama, Yoshio; and Itemadani, Eizi, 4,519,761, Cl. 425-135.000.
Kimura, Masahiro; Hayashi, Yoshitaka; and Yoshida, Ryohei, 4,545,537, Cl. 241-36.000.
Kinoshita, Hisashi; Yoshitake, Hideki; and Kake, Nin, 4,523,134, Cl. 318-313.000.
Kishimoto, Yoshio; and Hayashi, Takeshi, 4,503,322, Cl. 219-505.000.
Kitao, Teijiro; Setsune, Jun-ichiro; Ishihara, Shoichi; and Yamamoto, Ryoichi, 4,497,724, Cl. 252-70.000.
Kohashi, Tadao; Irie, Hiroyuki; Ide, Susumu; and Esaki, Hiroshi, 4,525,727, Cl. 346-140.00R.
Kohashi, Tadao, 4,541,042, Cl. 346-76.0PH.
Koishi, Kenji; Yoshida, Tomio; Satoh, Isao; and Ohara, Shunji, 4,546,462, Cl. 369-53.000.
Kojima, Tamotsu; Miura, Masayoshi; and Oda, Gen, 4,527,175, Cl. 346-140.00R.
Komeda, Tadao, 4,493,740, Cl. 148-187.000.
Kubo, Kiyoshi; and Ohshiro, Toshio, 4,561,440, Cl. 128-395.000.
Kudo, Yoshihiko; Kawabata, Hidetsugu; Birukawa, Masahiro; Hara, Noriaki; and Muto, Akira, 4,497,870, Cl. 428-457.000.
Kugimiya, Koichi, 4,547,073, Cl. 356-371.000.
Kuroda, Takao; Horii, Kenju; and Matsumoto, Shigenori, 4,498,013, Cl. 250-578.000.
Lushtak, Alexander S.; and Forker, John S., 4,503,491, Cl. 364-200.000.
Maeda, Masanori; Ishihara, Koji; and Ikebata, Tetsuo, 4,553,019, Cl. 219-146.220.
Maeda, Nobuhisa; Sakairi, Tadashi; and Wakahata, Tamotsu, 4,524,160, Cl. 523-200.000.
Maki, Masao; Kaneko, Yasunori; and Kobayashi, Ikuo, 4,515,862, Cl. 428-450.000.
Maki, Masao; Kaneko, Yasunori; and Fukuda, Hiroshi, 4,556,048, Cl. 126-417.000.
Makimoto, Mitsuo; Aihara, Yukichi; and Yamashita, Sadahiko, 4,506,241, Cl. 333-222.000.
Maruyama, Teruo; and Yamauchi, Shinya, 4,509,905, Cl. 418-75.000.
Maruyama, Teruo, 4,536,141, Cl. 418-150.000.
Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, 4,523,225, Cl. 358-56.000.
Matsuda, Shunsuke; Mitani, Katsuaki; Yoda, Hironori; and Nishizawa, Kesaji, 4,519,763, Cl. 425-192.00R.
Matsumoto, Akio; and Yamada, Takao, 4,525,609, Cl. 200-38.00R.
Matsushima, Haruo, 4,501,944, Cl. 219-10.55F.
Mihara, Toshihiro; Kusuda, Takao; Noma, Koichi; and Taki, Hiromitsu, 4,504,218, Cl. 431-326.000.
Minakuchi, Hiroshi, 4,509,182, Cl. 377-116.000.
Minakuchi, Hiroshi, 4,559,488, Cl. 323-281.000.
Minami, Eiji, 4,492,958, Cl. 340-825.250.
Misawa, Yoshihiko; Seno, Makito; and Fujiwara, Koji, 4,524,860, Cl. 198-740.000.
Mitsuyu, Tsuneo; Ono, Shusuke; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,501,987, Cl. 310-313.00A.
Miura, Masayoshi; and Naito, Hiroshi, 4,555,717, Cl. 346-140.00R.
Miyagawa, Junichi; and Hirai, Yukio, 4,551,600, Cl. 219-10.49R.
Miyata, Yutaka; Chikamura, Takao; and Fujiwara, Shinji, 4,514,765, Cl. 358-213.000.
Mizukawa, Takumi; Ogino, Yoshio; Ohmori, Hideki; and Sato, Taketoshi, 4,555,608, Cl. 219-10.770.
Mochizuki, Hideaki; and Tamura, Tooru, 4,555,746, Cl. 361-323.000.
Mori, Takashi; Mizu, Kouichi; and Jo, Yasunori, 4,495,841, Cl. 81-430.000.
Mori, Yoshihiro; Yamamoto, Osamu; and Yamamoto, Kazumasa, 4,558,757, Cl. 178-18.000.
Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, 4,491,885, Cl. 360-85.000.
Morikawa, Yoshitaka; and Matsui, Hiroyuki, 4,558,473, Cl. 4-420.200.
Moriya, Mitsuro; and Ichinose, Makoto, 4,544,957, Cl. 358-338.000.
Moriya, Mitsuro; Kanamaru, Toshiji; and Nakata, Yoshinobu, 4,562,562, Cl. 369-32.000.
Morotomi, Noriaki; and Sato, Takeshi, 4,502,077, Cl. 358-167.000.
Murakami, Mutsuaki; Hiromori, Yasutaka; and Naito, Hiroshi, 4,503,118, Cl. 428-323.000.
Nagata, Keiji; Ueda, Syuji; and Tanigawa, Yoshiyuki, 4,495,871, Cl. 108-20.000.
Nagayasu, Kuniaki; Konno, Setsuzou; and Yoshida, Toshio, 4,531,305, Cl. 34-31.000.
Nakada, Akiyoshi; Inoue, Toshitugu; Tada, Haruo; Shinki, Kiyoshi; Takezawa, Kuninori; and Doi, Makoto, 4,552,504, Cl. 414-735.000.
Nakagawa, Koichiro; Suyama, Satoshi; Yanagi, Masahiro; and Nakajima, Yasutaka, 4,525,758, Cl. 360-133.000.
Nakajima, Toyohei; and Hosokawa, Takehiko, 4,505,246, Cl. 123-489.000.
Nakamura, Tsuneshi; and Kikuchi, Tatsuro, 4,495,546, Cl. 361-398.000.
Nakase, Hiromi; Gotoh, Yasuhiro; and Ozawa, Kuniichi, 4,525,657, Cl. 318-254.000.
Naruo, Noboru; and Kawanishi, Hidekata, 4,506,251, Cl. 338-238.000.
Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, 4,516,061, Cl. 318-561.000.
Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, 4,516,514, Cl. 112-275.000.
Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, 4,517,909, Cl. 112-275.000.
Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, 4,556,001, Cl. 112-277.000.
Nishida, Masamitsu; Ouchi, Hiromu; and Matsuo, Yoshihiro, 4,555,494, Cl. 501-134.000.
Nishino, Atsushi; Kimura, Kunio; Sonetaka, Kazunori; and Iketani, Yukiyoshi, 4,519,807, Cl. 44-15.00R.
Nishino, Atsushi; Yoshida, Akihiko; and Tanahashi, Ichiroh, 4,562,511, Cl. 361-324.000.
Niwa, Takashi, 4,501,147, Cl. 73-336.500.
Nobue, Tomotaka; and Kusunoki, Shigeru, 4,503,306, Cl. 219-10.55F.
Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro, 4,498,170, Cl. 370-110.100.
Nomura, Noboru; Hirota, Eiichi; and Wasa, Kiyotaka, 4,535,376, Cl. 360-126.000.
Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,493,666, Cl. 445-24.000.
Nukina, Yasuyuki; Namikawa, Syunji; Tomioka, Toshikazu; Yamamoto, Takehiko; and Oi, Susumu, 4,540,666, Cl. 435-167.000.
Ogasawara, Hidekazu; and Saiin, Takanori, 4,491,979, Cl. 455-344.000.
Ogawa, Kazufumi, 4,522,680, Cl. 156-624.000.
Ogawa, Kazufumi, 4,530,709, Cl. 65-3.120.
Ogawa, Kazufumi, 4,560,457, Cl. 204-159.160.
Ogino, Toshiro; and Kokawa, Katsuzo, 4,511,327, Cl. 431-201.000.
Ogura, Mototsugu; Ban, Yuzaburoh; and Hase, Nobuyasu, 4,533,410, Cl. 148-175.000.
Ohara, Shunji; Yoshida, Tomio; Satoh, Isao; and Koishi, Kenji, 4,509,156, Cl. 369-54.000.
Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, 4,551,757, Cl. 358-212.000.
Ohta, Takeo; Nakamura, Tatsushi; and Akahira, Nobuo, 4,547,875, Cl. 369-275.000.
Ohta, Yoshio, 4,500,924, Cl. 358-213.000.
Onodera, Hiromi; Wakabayashi, Noriaki; Yamada, Kiichiro; and Sugizaki, Yasushi, 4,504,750, Cl. 310-12.000.
Ota, Isao, 4,496,981, Cl. 358-213.000.
Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.
Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.
Ozawa, Lyuji, 4,549,083, Cl. 250-458.100.
Ozawa, Lyuji, 4,556,818, Cl. 313-395.000.
Sadamatsu, Hideaki; Inoue, Michihiro; Kanda, Akihiro; and Matsuzawa, Akira, 4,536,950, Cl. 29-578.000.
Saimi, Tetsuo; and Yoshizumi, Keiichi, 4,507,766, Cl. 369-45.000.
Saito, Fuminari; Kajino, Jirou; and Kanchiku, Hiroshi, 4,562,496, Cl. 360-85.000.
Saito, Toshio; Matsumoto, Kenzo; and Soji, Kazuo, 4,549,260, Cl. 364-143.000.
Saka, Hiroshi, 4,541,123, Cl. 455-325.000.
Sakamoto, Kazuho, 4,504,716, Cl. 219-10.55B.
Satoh, Isao; Yoshida, Tomio; Harigae, Shunji; and Koishi, Kenji, 4,523,304, Cl. 369-32.000.
Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,535,439, Cl. 369-275.000.
Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,545,044, Cl. 369-32.000.
Shibaike, Narito; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; and Zaitsu, Osamu, 4,517,613, Cl. 360-85.000.
Shimeki, Yasuharu; Kato, Misao; Matsushima, Hiroshi; and Ishikawa, Toshiro, 4,525,753, Cl. 360-45.000.

Shimizu, Hirokazu; Itoh, Kunio; Sugino, Takashi; and Wada, Masaru, 4,546,478, Cl. 372-36.000.

Shimizu, Shoji; Asakawa, Shirow; Saito, Yukihiro; and Ito, Yoshimasa, 4,553,988, Cl. 55-158.000.

Shinohara, Isao, 4,511,939, Cl. 360-93.000.

Shinozaki, Nozomu; Dohi, Takashi; Yamazaki, Shinji; and Neki, Shigeo, 4,499,449, Cl. 338-32.00R.

Shiragasawa, Tsuyoshi, 4,541,090, Cl. 371-21.000.

Soga, Mamoru; Yubakami, Keiichi; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,519,931, Cl. 252-62.510.

Sugai, Manabu; Kagohashi, Yasuyoshi; and Aoki, Hiroshi, 4,541,589, Cl. 242-200.000.

Sugawara, Norio; Nawa, Motoyuki; and Takahashi, Yutaka, 4,556,172, Cl. 239-590.500.

Sugino, Takashi; Itoh, Kunio; Wada, Masaru; and Shimizu, Hirokazu, 4,520,485, Cl. 372-48.000.

Sugio, Takashi; Obata, Makoto; and Ito, Shotaro, 4,538,963, Cl. 416-203.000.

Sugita, Ryuji; and Kunieda, Toshiaki, 4,547,398, Cl. 427-132.000.

Suyama, Satoshi; Uehira, Kiyotaka; Sanpei, Kenji; Sakamoto, Kenichi; and Nakagawa, Koichiro, 4,539,613, Cl. 360-99.000.

Suzuki, Jiro; Shimoda, Hisanori; and Kodama, Hisashi, 4,531,677, Cl. 239-520.000.

Suzuki, Masaki; and Hasegawa, Mikio, 4,545,021, Cl. 364-571.000.

Suzuki, Takashi; Shinohara, Koichi; Odagiri, Masaru; Fujita, Takashi; and Kawase, Shigeki, 4,514,451, Cl. 428-141.000.

Suzuki, Takashi; Hibino, Kunio; Murai, Mikio; Kawase, Shigeki; and Shinohara, Koichi, 4,540,618, Cl. 428-141.000.

Tachita, Ryobun; Yano, Tsutomu; Fukukita, Hiroshi; Fukaya, Kuniaki; and Fukumoto, Akira, 4,552,152, Cl. 128-663.000.

Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.

Takahashi, Katsuhiro; Watanabe, Keiichi; Hoshihara, Naoto; and Jinbo, Hiroyuki, 4,548,835, Cl. 427-123.000.

Takano, Teruhisa; and Ueda, Shigeki, 4,506,142, Cl. 219-490.000.

Takata, Manabu; Inoue, Shojiro; and Mori, Keiichi, 4,492,336, Cl. 236-20.00A.

Takeda, Takeshi; Machida, Yasuhiko; Kudoh, Yasuo; and Ikegaya, Kazutoshi, 4,508,632, Cl. 252-70.000.

Takeuchi, Hiroshi; and Maruno, Yoshiaki, 4,512,435, Cl. 181-170.000.

Tamai, Takashi; Tomiyama, Shigefumi; and Ohshima, Nobumasa, 4,520,661, Cl. 73-129.000.

Tanabe, Kenzo; and Shimizu, Keiichiro, 4,510,517, Cl. 357-34.000.

Tanabe, Kenzo; and Suzuki, Junji, 4,513,209, Cl. 307-350.000.

Tanabe, Minoru, 4,561,031, Cl. 360-96.500.

Tanahashi, Takashi; Takai, Mitsuo; and Uemura, Masahito, 4,559,651, Cl. 4-443.000.

Tanaka, Kazuyuki, 4,491,832, Cl. 340-721.000.

Tanaka, Kazuyuki, 4,527,154, Cl. 340-221.000.

Tanaka, Kazuyuki, 4,546,350, Cl. 340-750.000.

Tanaka, Kazuyuki, 4,556,879, Cl. 340-750.000.

Tanaka, Shinichi; Matsuda, Ikuo; Hirose, Namio; and Kobayashi, Kazutsugu, 4,504,934, Cl. 369-18.000.

Tanaka, Shinichi; and Hirose, Namio, 4,538,882, Cl. 350-255.000.

Tanaka, Tsutomu; Tsujimoto, Yoshinobu; Serizawa, Hiroyuki; and Hattori, Katsuji, 4,498,730, Cl. 350-96.160.

Taniguchi, Hiroshi; Ohtsu, Masamitsu; and Kubo, Kanji, 4,544,966, Cl. 360-75.000.

Taniuchi, Tetsuo; and Tsujimoto, Yoshinobu, 4,554,449, Cl. 250-227.000.

Tao, Muneo; and Migaki, Fumihiko, 4,519,775, Cl. 431-344.000.

Tazaki, Saburo; and Ide, Akifumi, 4,523,181, Cl. 340-347.0DD.

Todoroki, Tsunehiko; Hayakumo, Tadahiko; and Fukuda, Katsumi, 4,531,988, Cl. 148-402.000.

Tokusima, Akira; and Inaba, Ritsuo, 4,562,373, Cl. 310-328.000.

Tomioka, Mitsuharu; and Imajima, Mitsuhiro, 4,525,137, Cl. 431-76.000.

Tomita, Masao, 4,549,226, Cl. 358-328.000.

Tone, Masayuki; Yano, Tsutomu; and Saito, Koetsu, 4,523,122, Cl. 310-334.000.

Tsuchiya, Hiroyoshi; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Otsuka, Hirotaka, 4,551,768, Cl. 358-283.000.

Tsuchiya, Tatsuo; and Hozumi, Kazuhiro, 4,500,075, Cl. 267-8.00R.

Uchida, Yoshihisa; and Yamashita, Kazuichi, 4,553,705, Cl. 242-4.00R.

Ueda, Katsuroh, 4,498,453, Cl. 126-21.00A.

Ueda, Minoru; Iyehara, Sadahiro; Masuda, Mitsuya; Inohara, Shizuo; and Yamamoto, Keisuke, 4,535,272, Cl. 315-366.000.

Ueda, Shigeki; and Takano, Teruhisa, 4,513,189, Cl. 219-10.55B.

Ueda, Shigeki, 4,517,431, Cl. 219-10.55B.

Usuki, Hiroshi; and Taniguchi, Hiroshi, 4,555,735, Cl. 358-330.000.

Uya, Masaru, 4,498,021, Cl. 307-443.000.

Uya, Masaru, 4,506,168, Cl. 307-290.000.

Wada, Hidekazu; Yoshino, Hironori; and Shiota, Kohei, 4,535,382, Cl. 361-319.000.

Wada, Takahiro; Yamamoto, Ryoichi; and Yokotani, Fumiko, 4,561,989, Cl. 252-70.000.

Wakabayashi, Noriaki; Yamada, Kiichiro; and Onodera, Hiromi, 4,507,598, Cl. 318-687.000.

Wakabayashi, Noriaki; Fukumoto, Terumichi; and Ueda, Nobuhiro, 4,509,001, Cl. 318-687.000.

Watanabe, Koji, 4,524,451, Cl. 381-1.000.

Watanabe, Shuichi; and Katakabe, Noboru, 4,550,302, Cl. 335-228.000.

Yamada, Jiro; Maeda, Tetsuo; and Yasuda, Hiroshi, 4,512,010, Cl. 369-220.000.

Yamada, Takahiro, 4,554,485, Cl. 315-169.300.

Yamada, Toshiaki, 4,547,757, Cl. 335-296.000.

Yamaguchi, Isao; Sasamori, Yusuke; and Takaoka, Hideo, 4,561,770, Cl. 355-57.000.

Yamamoto, Kazushi; Nagai, Takeshi; Hirai, Nobuyuki; and Mori, Shunichiro, 4,530,464, Cl. 239-102.000.

Yamamoto, Ryoichi; Matsuo, Yoshihiro; Mikoda, Masanari; and Asada, Yoshihiro, 4,529,638, Cl. 428-69.000.

Yamamoto, Yoshiharu; Nakajima, Yasuo; and Nagaoka, Yoshitomi, 4,548,480, Cl. 350-432.000.

Yamane, Masataka; Kusashio, Akira; Kudaka, Satoru; Kobayashi, Tatuhiro; and Ebata, Yasuhiko, 4,505,129, Cl. 62-280.000.

Yamashita, Fumitoshi; and Sakano, Tomiaki, 4,504,543, Cl. 428-338.000.

Yanagi, Masahiro, 4,542,428, Cl. 360-75.000.

Yokobori, Nobuyoshi, 4,535,276, Cl. 318-254.000.

Yokozeki, Seiki, 4,520,251, Cl. 219-10.55M.

Yoshii, Tetsuji, 4,519,521, Cl. 220-335.000.

Yoshikane, Tetsuo; Kagata, Akira; and Hiura, Hiromi, 4,534,136, Cl. 51-283.00R.

Yoshimura, Hirofumi; and Ikeda, Nobuo, 4,508,946, Cl. 219-10.55F.

Yoshimura, Susumu; and Murakami, M[illegible]uaki, 4,497,728, Cl. 252-514.000.

Yoshino, Tadashi; and Mamei, Masayuki, 4,497,459, Cl. 242-186.000.

Yoshino, Tadashi; and Mamei, Masayuki, 4,516,740, Cl. 242-203.000.

Yoshiyuki, Takada; and Haruhisa, Tamura, 4,556,773, Cl. 219-10.55C.

Matsushita Electric Works, Ltd.: *See—*

Akiyama, Shoichi; and Kondo, Mikio, 4,551,711, Cl. 340-567.000.

Ando, Hiroyuki; Tanabe, Toshio; and Ihara, Shinji, 4,555,849, Cl. 30-385.000.

Aoyama, Youichi; Takeuchi, Akira; Ohmuro, Masaru; and Ichimura, Yasuo, 4,523,164, Cl. 335-38.000.

Fujishima, Nobuichi; and Ichikawa, Kuniharu, 4,556,782, Cl. 219-370.000.

Fukagawa, Hitoshi; Suzuki, Yoshiharu; and Komoda, Yoshiyuki, 4,556,865, Cl. 340-310.00R.

Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, 4,541,305, Cl. 74-690.000.

Hamabe, Takafumi; Imai, Hirozo; and Hara, Hikoyoshi, 4,561,326, Cl. 74-798.000.

Haraguchi, Hideaki; and Hata, Shunichi, 4,557,050, Cl. 30-195.000.

Hideo, Hisamoto, 4,536,726, Cl. 335-23.000.

Ikeda, Shigayuki; and Hamabe, Takafumi, 4,535,760, Cl. 128-33.000.

Ishigami, Yoshihisa; Hashimota, Yasumasa; Kitado, Tadaharu; Nishimura, Hiromi; and Mori, Tetsuo, 4,513,339, Cl. 361-45.000.

Ito, Kenzo; and Mizobata, Shiro, 4,542,585, Cl. 30-210.000.

Kakumoto, Hiromi; Ihara, Shinji; Iguchi, Yoji; and Miyata, Makoto, 4,509,259, Cl. 30-34.100.

Kami, Tomohiro, 4,549,550, Cl. 128-686.000.

Kishi, Ichiro; and Nakagawa, Hisao, 4,493,223, Cl. 74-371.000.

Kishi, Ichiro, 4,522,270, Cl. 173-163.000.

Matsumoto, Akio; and Yamada, Takao, 4,553,851, Cl. 368-205.000.

Matsushita, Hidetoshi, 4,509,026, Cl. 335-85.000.

Matsuura, Masahiro; Ichinomiya, Tsutomu; and Abe, Hideaki, 4,497,323, Cl. 128-685.000.

Morimoto, Ikuhisa; Kimura, Yasuhiko; and Nakamura, Masaaki, 4,529,259, Cl. 339-155.00L.

Nagamoto, Mitsuki; Hashiya, Yukio; and Kawaharada, Junji, 4,498,065, Cl. 335-79.000.

Nagamoto, Mitsuki; and Kubota, Takuo, 4,514,711, Cl. 335-243.000.

Nagamoto, Mitsuki, 4,520,333, Cl. 335-129.000.

Nagamoto, Mitsuki; and Hashiya, Ikuo, 4,529,952, Cl. 335-81.000.

Nagamoto, Mitsuki; and Kubota, Takuo, 4,532,487, Cl. 335-128.000.

Nagamoto, Mitsuki; and Hashiya, Ikuo, 4,560,966, Cl. 335-80.000.

Nakamura, Yoshimitsu, 4,533,848, Cl. 310-237.000.

Nakano, Kunimitsu; Chuzawa, Takaaki; and Ohmuro, Masaru, 4,514,709, Cl. 335-201.000.

Okamoto, Futoshi, 4,499,533, Cl. 363-126.000.

Omura, Koichi; and Yuasa, Hiroyoshi, 4,509,186, Cl. 381-43.000.

Sauer, Hans, 4,543,550, Cl. 335-78.000.

Suzuki, Yoshiharu; Fukagawa, Hitoshi; Komoda, Yoshiyuki; and Tanaka, Osamu, 4,514,719, Cl. 340-310.00R.

Takasaki, Shuichi, 4,551,579, Cl. 174-88.00R.

Tanabe, Toshio; and Kita, Masakazu, 4,512,077, Cl. 30-43.000.

Tanahashi, Masao; Tanabe, Toshio; and Otsuka, Kiyotaka, 4,493,149, Cl. 30-43.920.

Tomofuji, Yoshiaki; and Maeda, Takayoshi, 4,533,987, Cl. 363-36.000.

Tsuji, Koji; and Yamada, Shuji, 4,502,899, Cl. 148-431.000.

Wada, Sumio; and Inakagata, Satoru, 4,551,666, Cl. 320-20.000.

Yamada, Kiyoshi; and Murakami, Kazumasa, 4,556,873, Cl. 340-630.000.

Yamamoto, Shigeo; Tanimizu, Makoto; Shirakawa, Kenzo; and Wataya, Hideji, 4,559,456, Cl. 307-66.000.

Yamamura, Yukio; and Hamabe, Takafumi, 4,491,127, Cl. 128-57.000.

Yamamura, Yukio; Nakayama, Jingo; Ikeda, Atsunobu; and Kawamoto, Takashi, 4,534,590, Cl. 297-180.000.

Youichi, Yokoyama; and Hideya, Kondo, 4,529,951, Cl. 335-13.000.

Matsushita Electrical Industrial Co., Ltd.: *See*—

Maehara, Naoyoshi; Hashido, Kenkichi; and Hirata, Hiroshi, 4,533,082, Cl. 239-102.000.

Matsushita Electronics Corporation: *See*—

Fujii, Hiroyuki; Tateno, Kenichi; and Nishikawa, Mikio, 4,507,675, Cl. 357-70.000.

Gobara, Taku; and Misaki, Hirozumi, 4,504,795, Cl. 330-277.000.

Ogata, Yoshiro; Yamazaki, Haruo; and Akutsu, Hidezoh, 4,510,415, Cl. 313-493.000.

Suzuki, Hiroshi; Natsuhara, Masao; and Kurusu, Chisato, 4,542,320, Cl. 315-15.000.

Yokozawa, Masami; and Kanai, Isao, 4,503,452, Cl. 357-72.000.

Matsushita Graphic Communications Systems, Inc.: *See*—

Iemura, Shigeru; and Kawano, Akira, 4,559,545, Cl. 346-155.000.

Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.

Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.

Matsushita, Hidekatsu, to Matsushita Seiki Kabushiki Kaisha; and Clements Industries, Inc. Device for automatic tying of packages. 4,559,766, 12-24-85, Cl. 53-586.000.

Matsushita, Hidetoshi, to Matsushita Electric Works, Ltd.; and SDS-Elektro GmbH. Polarized electromagnetic relay. 4,509,026, 4-2-85, Cl. 335-85.000.

Matsushita, Kouzi: *See*—

Okamoto, Hiroshi; and Matsushita, Kouzi, 4,502,777, Cl. 355-14.00R.

Matsushita, Masahiro, to Densaburo Sakai. Combined drill and reamer. 4,507,028, 3-26-85, Cl. 408-230.000.

Matsushita, Matao: *See*—

Yamamoto, Sakuei; Inao, Hiroshi; Nishida, Mitsuhiro; Matsushita, Matao; and Komoda, Hidemi, 4,532,446, Cl. 310-87.000.

Matsushita, Mitsumasa: *See*—

Sato, Shigeyuki; and Matsushita, Mitsumasa, 4,552,907, Cl. 523-455.000.

Sato, Shigeyuki; and Matsushita, Mitsumasa, 4,560,716, Cl. 523-451.000.

Matsushita, Nobuo; Furukawa, Tokinobu; Shintani, Tetsuo; Sumitani, Tomoaki; and Oda, Chikao, to Hitachi, Ltd. Polymerization rate detection method. 4,515,008, 5-7-85, Cl. 73-53.000.

Matsushita, Noritaka, to Kawaken Fine Chemicals Co., Ltd.; and Ajinomoto Co., Inc. Surface modifier for powdery or granular substance having hydrophilic surface comprising an aluminum chelate compound. 4,529,555, 7-16-85, Cl. 556-174.000.

Matsushita, Osami: *See*—

Mori, Hidetomo; Matsushita, Osami; Matsubara, Katsumi; Ida, Michiaki; and Sasaki, Shigeru, 4,557,679, Cl. 418-201.000.

Matsushita Reiki Co., Ltd.: *See*—

Kawai, Hideki; Nishihara, Hidetoshi; Nakaoka, Seishi; and Hamada, Koushi, 4,531,894, Cl. 417-312.000.

Yamamoto, Ryoichi; Matsuo, Yoshihiro; Mikoda, Masanari; and Asada, Yoshihiro, 4,529,638, Cl. 428-69.000.

Matsushita Seiki Kabushiki Kaisha: *See*—

Matsushita, Hidekatsu, 4,559,766, Cl. 53-586.000.

Matsushita, Shigetada; and Doi, Yuji, to Fuji Electric Co., Ltd.; and Nippon Steel Corporation. Flow meter for a two-phase fluid. 4,509,366, 4-9-85, Cl. 73-861.020.

Matsushita, Shuzo: *See*—

Omaki, Takanobu; Nakamura, Akiyoshi; Ishida, Masato; and Matsushita, Shuzo, 4,561,748, Cl. 354-403.000.

Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, to Toyota Jidosha Kabushiki Kaisha. Method of controlling fuel injection and apparatus therefor. 4,520,783, 6-4-85, Cl. 123-492.000.

Matsushita, Souichi: *See*—

Kanda, Mutsumi; Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,505,233, Cl. 123-41.350.

Kanda, Mutsumi; Inoue, Tokuta; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,506,632, Cl. 123-41.350.

Kanda, Mutsumi; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,530,312, Cl. 123-41.350.

Matsushita, Susumu; Tada, Yoshimitsu; Ikushige, Tetsuo; and Baba, Nobuyuki, to Toyo Soda Manufacturing Co., Ltd. Chromatographic apparatus. 4,556,538, 12-3-85, Cl. 422-70.000.

Matsushita, Takao: *See*—

Takayama, Yukio; Noguchi, Akio; and Matsushita, Takao, 4,513,301, Cl. 346-200.000.

Matsushita, Takashi, to Sanden Corporation. Method of making a clutch rotor for an electromagnetic clutch. 4,552,005, 11-12-85, Cl. 72-68.000.

Matsushita, Toshihiko; and Morishita, Sadao, to Mitsubishi Paper Mills, Ltd. Heat-sensitive recording paper and a process for production thereof. 4,520,378, 5-28-85, Cl. 346-209.000.

Matsushita, Toshihiko; Morishita, Sadao; and Makishima, Hideo, to Mitsubishi Paper Mills, Ltd. Process for producing multicolor heat-transfer recording paper. 4,525,428, 6-25-85, Cl. 428-488.100.

Matsushita, Toshihiko: *See*—

Hiraishi, Shigetoshi; Morishita, Sadao; and Matsushita, Toshihiko, 4,501,809, Cl. 430-138.000.

Morishita, Sadao; and Matsushita, Toshihiko, 4,520,376, Cl. 346-204.000.

Matsushita, Yasuo; Nakamura, Kousuke; and Ura, Mitsuru, to Hitachi, Ltd. Ceramic packaged semiconductor device. 4,517,584, 5-14-85, Cl. 357-80.000.

Matsushita, Yasuo; Nakamura, Kousuke; and Kosugi, Tetuo, to Hitachi, Ltd. Electroconductive ceramics. 4,528,121, 7-9-85, Cl. 252-516.000.

Matsushita, Yasuo; Nakamura, Kousuke; and Harada, Koji, to Hitachi, Ltd. Electrically conductive sintered ceramics and ceramic heaters. 4,555,358, 11-26-85, Cl. 252-516.000.

Matsushita, Yasuo: *See*—

Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.

Matsushita, Yoh-ichi; Hasegawa, Etsuo; Eshima, Kiyoshi; and Tsuchida, Eishun, to Taiho Pharmaceutical Company Limited. Iron-tetraphenylporphine complex having phosphocholine group. 4,530,794, 7-23-85, Cl. 260-245.910.

Matsushita, Yoshiaki: *See*—

Ohmura, Yamichi; and Matsushita, Yoshiaki, 4,500,388, Cl. 156-603.000.

Matsushita, Yoshihiro, to Tsubakimoto Machinery & Engineering Co., Ltd.; and Line Industry Corp. Conveyor [illegible]ing roller. 4,524,861, 6-25-85, Cl. 198-781.000.

Matsushita, Yoshihiro: *See*—

Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, 4,510,138, Cl. 514-206.000.

Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, 4,514,565, Cl. 544-25.000.

Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, 4,520,194, Cl. 544-22.000.

Matsushita, Yoshikazu; Takei, Masaki; Yonekubo, Masatoshi; and Nishiwaki, Tsutomu, to Kabushiki Kaisha Suwa Seikosha. Printing apparatus and method. 4,556,891, 12-3-85, Cl. 346-76.0PH.

Matsushita, Yuichi: *See*—

Ueda, Sachio; Toriyama, Shigehiro; and Matsushita, Yuichi, 4,524,402, Cl. 360-130.240.

Matsutani, Kanji, to Matsutani Seisakusho. Method for forming a hole of eyeless suture needle. 4,501,312, 2-26-85, Cl. 163-5.000.

Matsutani, Kinya; and Sasaki, Katutoki, to Kabushiki Kaisha Toshiba. Superconducting magnet device. 4,543,794, 10-1-85, Cl. 62-54.000.

Matsutani Seisakusho: *See*—

Matsutani, Kanji, 4,501,312, Cl. 163-5.000.

Matsuura, Akihiro: *See*—

Doi, Yoshio; Yamakage, Tetsuro; Nakashima, Kunimichi; and Matsuura, Akihiro, 4,538,341, Cl. 29-568.000.

Matsuura, Akira: *See*—

Watai, Yuji; Yasui, Hirokazu; Hirayama, Yoshiyuki; and Matsuura, Akira, 4,533,234, Cl. 355-14.00D.

Matsuura, Hidehara; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Amorphous photovoltaic solar cell. 4,532,373, 7-30-85, Cl. 136-258.000.

Matsuura, Hideki: *See*—

Yamazoe, Hisamitsu; Matsuura, Hideki; Ito, Katsunori; and Ohba, Masahiro, 4,526,042, Cl. 75-861.750.

Matsuura, Hideo: *See*—

Hibi, Yasumori; and Matsuura, Hideo, 4,527,273, Cl. 371-38.000.

Matsuura, Hiromi, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Dynamic RAM integrated circuit device. 4,551,820, 11-5-85, Cl. 365-189.000.

Matsuura, Hiroyuki: *See*—

Iwaoka, Hideto; Fujino, Kenji; Sugiyama, Tadashi; and Matsuura, Hiroyuki, 4,536,712, Cl. 324-309.000.

Matsuura, Hitoshi; and Sakurai, Hiroshi, to Fujitsu Fanuc Limited. Numerical control method. 4,495,561, 1-22-85, Cl. 364-167.000.

Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, to Fanuc Ltd. Method of sensing current position in position control system. 4,504,772, 3-12-85, Cl. 318-603.000.

Matsuura, Hitoshi: *See*—

Nozawa, Ryoichiro; Komiya, Hidetsugu; Kishi, Hajimu; Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,503,372, Cl. 318-560.000.

Matsuura, Ichiro; and Yamaguchi, Fumio, to Nippon Electric Glass Company, Ltd. Low temperature sealing composition. 4,537,863, 8-27-85, Cl. 501-15.000.

Matsuura, Ikutoshi: *See*—

Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,500,544, Cl. 514-543.000.

Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,542,143, Cl. 514-356.000.

Matsuura, Kazumi; and Wada, Takeo, to Takeda Chemical Industries, Ltd. Hormite inclusion complex with adsorbed sulphur or sulphur donor. 4,512,962, 4-23-85, Cl. 423-331.000.

Matsuura, Kazuo; Yamaoka, Noboru; Yanahashi, Shinichi; Usui, Kazumi; and Miyoshi, Mituji, to Nippon Oil Co., Ltd. Ethylene polymer blend compositions. 4,495,334, 1-22-85, Cl. 525-240.000.

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Matsuura, Kazuo: *See*—

Imamura, Shigeyuki; Misaki, Hideo; Ishikawa, Hidehiko; and Matsuura, Kazuo, 4,491,631, Cl. 435-4.000.

Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,507,448, Cl. 526-125.000.

Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,518,752, Cl. 526-116.000.

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Tajima, Yoshio; Miyoshi, Mituji; Sugita, Shoji; Kawabe, Kiyoshi; and Matsuura, Kazuo, 4,525,555, Cl. 526-125.000.

Yoshino, Eiichi; Matsuura, Kazuo; and Misaki, Hideo. 4,496,655, Cl. 435-191.000.

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Ajiki, Yoshio; and Matsuura, Masaaki, 4,537,164, Cl. 123-90.160.

Honda, Shoichi; Nakano, Yoshikatsu; Makota, Hirano; and Matsuura, Masaaki, 4,523,550, Cl. 123-90.160.

Honda, Shoichi; Nakano, Yoshikatsu; Hirano, Makoto; and Matsuura, Masaaki, 4,537,165, Cl. 123-90.160.

Nakano, Yoshikatsu; Matsuura, Masaaki; and Akiyama, Minoru, 4,497,288, Cl. 123-52.00M.

Nakano, Yoshikatsu; and Matsuura, Masaaki, 4,535,732, Cl. 123-90.160.

Nakano, Yoshikatsu; and Matsuura, Masaaki, 4,545,342, Cl. 123-198.00F.

Matsuura, Masahiro; Ichinomiya, Tsutomu; and Abe, Hideaki, to Matsushita Electric Works, Ltd. Exhaust valve having a constant bleed rate. 4,497,323, 2-5-85, Cl. 128-685.000.

Matsuura, Masaru, to Kikkoman Corporation. Process for producing an aseptic packed tofu. 4,514,433, 4-30-85, Cl. 426-634.000.

Matsuura, Masataka: *See—*

Funada, Fumiaki; Takamatsu, Toshiaki; Yasuda, Shuuhei; and Matsuura, Masataka, 4,549,174, Cl. 340-784.000.

Takamatsu, Toshiaki; Funada, Fumiaki; Yasuda, Shuhei; and Matsuura, Masataka, 4,509,099, Cl. 361-413.000.

Matsuura, Mitsuyuki; Kageyama, Yoshiteru; Hagiwara, Akito; and Shimada, Takeo, to Mitsubishi Petrochemicals Co., Ltd. Process for polymerizing ethylene. 4,530,983, 7-23-85, Cl. 526-125.000.

Matsuura, Naosuke: *See—*

Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.

Matsuura, Norio. Golf tee. 4,524,974, 6-25-85, Cl. 273-207.000.

Matsuura, Norio: *See—*

Hiyoshi, Kazuhiko; Matsuura, Norio; Matsuguchi, Michiharu; Onofusa, Norio; and Nishikage, Tadao, 4,535,120, Cl. 524-560.000.

Matsuura, Osamu, to Mazda Motor Corporation. Automobile body structure. 4,557,519, 12-10-85, Cl. 296-204.000.

Matsuura, Osamu: *See—*

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Matsuura, Shigeo; Ito, Uji; and Yakushiji, Yasuhiro, to Hitachi, Ltd. Remote control signal reproducing circuit. 4,555,702, 11-26-85, Cl. 340-825.640.

Matsuura, Shigeo: *See—*

Saitoh, Takeshi; Matsuura, Shigeo; Moteki, Minoru; and Hatashita, Hiroshi, 4,491,976, Cl. 455-315.000.

Matsuura, Tadashi; and Kadomatsu, Yasuo, to Ricoh Company, Ltd. Method for preparation of selenium type electrophotographic element in which the substrate is superfinished by vibrating and sliding a grindstone. 4,514,483, 4-30-85, Cl. 430-84.000.

Matsuura, Takanobu, to Alps Electric Co., Ltd. Mechanism for driving a pen recorder. 4,543,585, 9-24-85, Cl. 346-49.000.

Matsuura, Takashi, to Nippon Electric Co., Ltd. FM transceiver frequency synthesizer. 4,528,522, 7-9-85, Cl. 331-2.000.

Matsuura, Takeshi: *See—*

Akahane, Naoto; Yamaguchi, Yoshitake; Matsuura, Takeshi; and Watatani, Seiji, 4,561,034, Cl. 360-134.000.

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, to Sony Corporation. Automatic assembling apparatus. 4,494,298, 1-22-85, Cl. 29-563.000.

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, to Sony Corporation. Automatic assembling machine. 4,531,284, 7-30-85, Cl. 29-784.000.

Matsuura, Tamizo: *See—*

Hanaoka, Yuzuru; Murayama, Takeshi; Muramoto, Setsuo; and Matsuura, Tamizo, 4,533,518, Cl. 422-70.000.

Matsuura, Toshitaka: *See—*

Takami, Akio; Matsuura, Toshitaka; Tanaka, Kazutoshi; and Sekiya, Toshifumi, 4,532,179, Cl. 428-335.000.

Matsuura, Tsuyoshi, to Toyota Jidosha Kabushiki Kaisha. Coil spring compressor for assembling automotive suspension. 4,494,289, 1-22-85, Cl. 29-227.000.

Matsuura, Yoshikazu, to Teraoka Seiko Co., Ltd. Combination weighing machine with vibratory feeding and collecting hopper. 4,548,287, 10-22-85, Cl. 177-25.000.

Matsuura, Yoshio: *See—*

Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, 4,492,638, Cl. 210-728.000.

Matsuyama, Atsuo: *See—*

Ishiguro, Mamoru; Matsuyama, Atsuo; and Yamamura, Kazumasa, 4,507,691, Cl. 360-14.300.

Matsuyama, Fumio: *See—*

Tomita, Kazuichi; Mano, Hiroshi; Matsuyama, Fumio; and Isomura, Akihiko, 4,539,113, Cl. 210-323.200.

Matsuyama, Junya; Kamada, Akio; Kawabata, Fumimaru; Uegaki, Tatsufumi; and Miyake, Shigeru, to Kawasaki Steel Corporation. Steel pipe welding method. 4,527,033, 7-2-85, Cl. 219-61.000.

Matsuyama, Kazuo: *See—*

Komai, Takeshi; Matsuyama, Kazuo; and Saigo, Takuya, 4,533,699, Cl. 525-277.000.

Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzaki, Takuya; and Imai, Kazuyoshi, to Sumitomo Chemical Company, Limited. Particulate polyolefin molding material. 4,517,246, 5-14-85, Cl. 428-407.000.

Matsuyama, Kouzou: *See—*

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Matsuyama, Masahiro: *See—*

Nojiri, Tadao; Kanamaru, Kenji; Matsuyama, Masahiro; Nishikawa, Takayoshi; and Ito, Yoji, 4,503,528, Cl. 367-198.000.

Matsuyama, Nobuyoshi: *See—*

Takahashi, Kunihiro; and Matsuyama, Nobuyoshi, 4,540,909, Cl. 310-370.000.

Matsuyama, Shigeru: *See—*

Sasaki, Ken; Matsuyama, Shigeru; Koyama, Masaharu; and Ichihara, Kazuyoshi, 4,494,825, Cl. 350-343.000.

Matsuyama, Shinichi; and Shimizu, Masami, to Canon Kabushiki Kaisha. Device for setting photographic information for camera. 4,538,891, 9-3-85, Cl. 354-289.100.

Matsuyama, Shinichi, to Canon Kabushiki Kaisha. Voltage control apparatus for a camera. 4,561,754, 12-31-85, Cl. 354-484.000.

Matsuyama, Shinichiro: *See—*

Suzuki, Hajime; Matsuyama, Shinichiro; and Arakawa, Akio, 4,494,203, Cl. 364-470.000.

Matsuyama, Shinzo: *See—*

Miki, Shinji; Nishio, Toyokazu; Matsuyama, Shinzo; and Yamazaki, Shinichi, 4,523,874, Cl. 405-43.000.

Matsuzaka, Hiroko: *See—*

Ichikawa, Akira; and Matsuzaka, Hiroko, 4,559,604, Cl. 364-513.500.

Matsuzaka, Masayoshi: *See—*

Kubota, Hirotoshi; Takano, Akira; Arai, Isao; and Matsuzaka, Masayoshi, 4,501,397, Cl. 244-75.00R.

Matsuzaka, Syoji; Koitabashi, Takeo; Haga, Yoshihiro; Suzuki, Akio; and Shiozawa, Hiroaki, to Konishiroku Photo Industry Co., Ltd. Method for preparing silver halide photographic emulsion. 4,497,895, 2-5-85, Cl. 430-569.000.

Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Silver halide photographic emulsion. 4,507,386, 3-26-85, Cl. 430-549.000.

Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Silver halide photographic emulsion. 4,510,234, 4-9-85, Cl. 430-557.000.

Matsuzaka, Syoji: *See—*

Koitabashi, Takeo; Matsuzaka, Syoji; Hotta, Yuji; and Iwata, Masatoshi, 4,514,491, Cl. 430-567.000.

Koshizuka, Kunihiro; Matsuzaka, Syoji; and Kojima, Takaaki, 4,542,094, Cl. 430-569.000.

Matsuzaki, Isokazu; Yamagiwa, Akira; Watanabe, Yutaka; Matsumoto, Takashi; and Yabe, Katsumi, to Hitachi, Ltd. Logic circuit utilizing a current switch circuit having a non-threshold transfer characteristic. 4,516,039, 5-7-85, Cl. 307-455.000.

Matsuzaki, Katsumi: *See—*

Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, 4,536,337, Cl. 260-396.00R.

Matsuzaki, Kazuhiko; and Hamada, Minoru, to Asahi Kasei Kogyo Kabushiki Kaisha. Polyacetal copolymers and process for production thereof. 4,535,127, 8-13-85, Cl. 525-154.000.

Matsuzaki, Kazuhiko: *See—*

Naito, Takeshi; Masamoto, Junzo; Iwaisako, Toshiyuki; and Matsuzaki, Kazuhiko, 4,493,752, Cl. 203-71.000.

Matsuzaki, Masatoshi; Yamazaki, Toshinori; Myokan, Isao; Shima, Tetsuo; and Nomori, Hiroyuki, to Konishiroku Photo Industry Co., Ltd. Photosensitive member for electrophotography comprises inorganic layers. 4,495,262, 1-22-85, Cl. 430-58.000.

Matsuzaki, Masatoshi; Yamazaki, Toshinori; and Nomori, Hiroyuki, to Konishiroku Photo Industry Co., Ltd. Recording material for electrophotography comprising amorphous silicon containing nitrogen. 4,518,670, 5-21-85, Cl. 430-58.000.

Matsuzaki, Masatoshi: *See—*

Yamazaki, Toshinori; Nomori, Hiroyuki; Matsuzaki, Masatoshi; Shima, Tetsuo; and Myokan, Isao, 4,510,224, Cl. 430-57.000.

Matsuzaki, Minori: *See—*

Hara, Sohichi; and Matsuzaki, Minori, 4,559,685, Cl. 29-156.50R.

Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, to Olympus Optical Co., Ltd. Lens barrel. 4,508,443, 4-2-85, Cl. 354-402.000.

Matsuzaki, Tadashi; and Sumi, Koji, to Mitsubishi Denki Kabushiki Kaisha. Overcurrent relay. 4,516,183, 5-7-85, Cl. 361-71.000.

Matsuzaki, Yoshitomi; Hayashi, Toshihiko; and Kushibiki, Keizou, to Nissan Motor Company, Limited; and Nihon Radiator Co., Ltd. Coolant reserve tank. 4,537,159, 8-27-85, Cl. 123-41.270.

Matsuzaki, Yutaka: *See—*

Horie, Shin'ichi; Matsuzaki, Yutaka; and Kagawa, Fumio, 4,555,250, Cl. 51-309.000.

Matsuzawa, Akira: *See—*

Inoue, Michihiro; Matsuzawa, Akira; and Takemoto, Toyoki, 4,496,935, Cl. 340-347.0AD.

Sadamatsu, Hideaki; Inoue, Michihiro; Kanda, Akihiro; and Matsuzawa, Akira, 4,536,950, Cl. 29-578.000.

- Matsuzawa, Hiroshi: *See—*
  - Iwata, Kaoru; Hagiwara, Tsuneo; and Matsuzawa, Hiroshi, 4,495,343, Cl. 528-292.000.
- Matsuzawa, Kiyoshi; and Inoue, Noriyuki, to Fuji Xerox Co., Ltd. Apparatus for controlling optical system for copying machine. 4,514,080, 4-30-85, Cl. 355-14.00C.
- Matsuzawa, Masafumi: *See—*
  - Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.
- Matsuzawa, Masakazu: *See—*
  - Gotoh, Isamu; Watanabe, Masaki; Wakatsuki, Goroei; Shimoyama, Hiroshi; and Matsuzawa, Masakazu, 4,529,055, Cl. 180-210.000.
- Matsuzawa, Masanao: *See—*
  - Ikeda, Yoshito; Fujiwara, Hitoshi; Gomi, Yoshifumi; Matsuzawa, Masanao; and Hirashima, Yasuhito, 4,553,865, Cl. 400-124.000.
- Matsuzawa, Soichiro; and Mase, Syunzo, to NGK Insulators, Ltd. Method for producing a single crystal. 4,519,870, 5-28-85, Cl. 156-603.000.
- Matsuzawa, Toshiharu; Douta, Kikuo; Iwayanagi, Takao; and Yanazawa, Hiroshi, to Hitachi, Ltd. Method of forming a microscopic pattern. 4,536,421, 8-20-85, Cl. 427-282.000.
- Matt, Bernhard; Woringer, Theo; and Zouzoulas, Gerassime, to BBC Brown, Boveri & Company, Limited. Perforated plate for evening out the velocity distribution. 4,559,275, 12-17-85, Cl. 428-596.000.
- Matt, Lukas: *See—*
  - Gloor, Peter; Gschwend, Hans; Mark, Fritz; and Matt, Lukas, 4,530,454, Cl. 227-129.000.
- Matt, Timothy S., to Nordson Corporation. Control circuit for a solenoid driver for a dispenser. 4,500,937, 2-19-85, Cl. 361-153.000.
- Matt, Timothy S.; and Wensink, James B., to Doboy Packaging Machinery, Inc. Wrapping machine and method. 4,506,488, 3-26-85, Cl. 53-55.000.
- Matt, Timothy S., to Doboy Packaging Machinery, Inc. Wrapping machine and method. 4,525,977, 7-2-85, Cl. 53-55.000.
- Matta, Grant B., to Penetone Corporation. D-limonene based aqueous cleaning compositions. 4,511,488, 4-16-85, Cl. 252-162.000.
- Mattedi, Bruno A.; and Watari, Hiromichi, to Analogic Corporation. Floating point arithmetic system and method with rounding anticipation. 4,562,553, 12-31-85, Cl. 364-745.000.
- Mattei, Eliane. Air pressurizers/conditioners especially for work cabs in a polluted atmosphere. 4,492,151, 1-8-85, Cl. 98-2.110.
- Mattei, Frank V.; and Regula, Donald W., to Ethicon, Inc. Dry coating of surgical filaments. 4,532,929, 8-6-85, Cl. 128-335.500.
- Mattei, Jean P.; and Coutin, Pierre F., to R. Alkan & Cie. Method of grafting a metal reinforcing member in a structure of composite fibre-resin material. 4,530,147, 7-23-85, Cl. 29-525.000.
- Mattei, Jean-Pierre; and Coutin, Pierre F., to R. Alkan & Cie. Strut structure for suspending loads under aircraft. 4,491,292, 1-1-85, Cl. 248-1.000.
- Mattei, Riccardo, to G.D. Societa per Azioni. Device for sharpening rotating blades. 4,497,143, 2-5-85, Cl. 51-248.000.
- Mattei, Riccardo, to G.D. Societa per Azioni. Device for applying filters to cigarettes. 4,519,406, 5-28-85, Cl. 131-94.000.
- Mattei, Riccardo; and Dall'Osso, Gastone, to G.D. Societa per Azioni. Device for forming groups of cigarettes in cigarette packaging machines. 4,531,627, 7-30-85, Cl. 198-420.000.
- Mattei, Riccardo; and Osti, Roberto, to G.D Societa per Azioni. Method for automatically setting and joining reel-fed label strips or similar. 4,555,281, 11-26-85, Cl. 156-64.000.
- Mattei, Riccardo: *See—*
  - Seragnoli, Enzo; and Mattei, Riccardo, 4,517,871, Cl. 83-677.000.
  - Seragnoli, Enzo; Mattei, Riccardo; and Dall'Osso, Gastone, 4,531,629, Cl. 198-458.000.
- Mattel, Inc.: *See—*
  - Ace, Marshall E., Jr., deceased; Mattson, Ray W.; and Wittenberg, Mark S., 4,536,162, Cl. 446-102.000.
  - Chang, Richard S.; Ling, John Y.; and Shoff, Daniel J., 4,492,582, Cl. 434-169.000.
  - Cook, John S., 4,498,887, Cl. 446-462.000.
  - Crain, Philip W.; and St. Pierre, Raymond M., 4,504,242, Cl. 446-429.000.
  - Fekete, Ferenc; and Spears, James E., 4,536,169, Cl. 446-461.000.
  - Girton, Virgil M.; Marason, Gabriel, Jr.; and Wang, Lawrence C., 4,510,590, Cl. 369-63.000.
  - Guerrero, Benjamin G., 4,526,553, Cl. 446-380.000.
  - Gurtner, Michael V.; and May, Herbert, 4,547,170, Cl. 446-353.000.
  - Halford, Wayne R.; and Nakano, Walter S., 4,513,967, Cl. 273-108.000.
  - Halford, Wayne R.; Renger, Larry H.; and Dooley, James J., 4,519,789, Cl. 446-444.000.
  - Hart, William; and McKittrick, Michael T., Jr., 4,511,342, Cl. 446-429.000.
  - Hippely, Keith A.; and Goldstein, Samuel M., 4,516,953, Cl. 446-444.000.
  - Hippely, Keith A., 4,558,867, Cl. 273-412.000.
  - Kelley, William J.; and Prince, Terry K., 4,500,299, Cl. 446-230.000.
  - Kilroy, Eugene J.; Morse, James E.; Grimm, Thomas H.; and DeAnda, Nicholas, 4,522,607, Cl. 446-447.000.
  - Lambert, Gerard L.; and Saffer, Gary M., 4,509,931, Cl. 446-462.000.
  - Newbold, Roger A., 4,532,622, Cl. 369-271.000.
  - Renger, Larry H.; and McKittrick, Mike T., 4,536,166, Cl. 446-298.000.
  - Renger, Larry H., 4,560,362, Cl. 446-340.000.
  - Rhodes, Tony, 4,526,552, Cl. 446-320.000.
  - Rich, Hubert A.; Saffer, Gary M.; and Sestito, William F., 4,551,127, Cl. 493-462.000.
  - Saffer, Gary M.; Lambert, Gerard L.; and Stern, Howard R., 4,521,206, Cl. 446-444.000.
  - Scholey, Michael F., 4,544,094, Cl. 238-10.00R.
  - Schwager, Frederic A.; and Kainsinger, Willis C., 4,496,100, Cl. 238-10.00R.
  - Stephens, William F., 4,536,168, Cl. 446-444.000.
  - Welman, Cornelis M., 4,510,385, Cl. 250-203.00R.
  - Wittenberg, Mark S.; and Wulff, Virgil W., 4,559,021, Cl. 446-352.000.
- Mattelin, Antoon: *See—*
  - Troukens, Theo; and Mattelin, Antoon, 4,539,481, Cl. 250-557.000.
- Mattelon, Jean-Claude; and Chauzu, Albert, to Les Cables de Lyon. Haulage machine for hauling an elongate cylindrical unit. 4,502,666, 3-5-85, Cl. 254-134.3FT.
- Matteo, Peter J.: *See—*
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
- Mattera, Adriano: *See—*
  - Bastioli, Catia; Gianotti, Giuseppe; Mattera, Adriano; and Parrini, Paolo, 4,560,522, Cl. 264-41.000.
- Matterson, Samuel A., to Intervascular, Inc. Vascular grafts with cross-weave patterns. 4,530,113, 7-23-85, Cl. 623-1.000.
- Mattes, Gerd, to Robert Bosch GmbH. Scene-start and -end reference indicator arrangement for projector storing scene-start and -end frame counts. 4,501,478, 2-26-85, Cl. 352-5.000.
- Mattes, Hans G.: *See—*
  - Johnson, Richard A.; and Mattes, Hans G., 4,504,922, Cl. 364-557.000.
- Mattes, M. Jules: *See—*
  - Real, Francisco X.; Mattes, M. Jules; Houghton, Alan N.; Livingston, Philip O.; Lloyd, Kenneth O.; Oettgen, Herbert F.; and Old, Lloyd J., 4,562,160, Cl. 436-539.000.
- Mattesky, Henry, to Magla Products. Form fitting ironing board cover. 4,557,062, 12-10-85, Cl. 38-140.000.
- Matteson, Donald S.; and Sadhu, Kizhakethil M., to Washington State University Research Foundation, Inc. Lewis acid catalysis of the homologation of boronic esters with haloalkylmetal reagents. 4,525,309, 6-25-85, Cl. 260-462.00C.
- Matteson, Ronald G.: *See—*
  - Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., 4,506,301, Cl. 358-280.000.
- Matteucci, John S.; Snyder, James K.; and Hahn, Robert E., to Optical Coating Laboratory, Inc. Flexible selective energy control sheet and assembly using the same. 4,536,998, 8-27-85, Cl. 52-171.000.
- Matteucci, Mark D.: *See—*
  - Caruthers, Marvin H.; and Matteucci, Mark D., 4,500,707, Cl. 536-27.000.
- Matth. Hohner AG: *See—*
  - Deforeit, Christian J., 4,500,317, Cl. 84-1.240.
  - Deforeit, Christian J., 4,520,706, Cl. 84-1.100.
  - Zacharias, Ernst, 4,502,362, Cl. 84-377.000.
- Matthaei, Horst: *See—*
  - Bohg, Armin; Hartmann, Kurt; and Matthaei, Horst, 4,527,139, Cl. 335-256.000.
- Matthaei, Horst D.: *See—*
  - Bohg, Armin; Matthaei, Horst D.; and Hartmann, Kurt, 4,517,538, Cl. 335-272.000.
- Matthay, Karlheinz: *See—*
  - Mackert, Wilhelm; and Matthay, Karlheinz, 4,541,801, Cl. 433-26.000.
- Matthei, Ernst A., to Devalit-Plastik van Deest GmbH & Co. KG. Injection molding machine. 4,531,704, 7-30-85, Cl. 249-67.000.
- Matthelie, Jean-Pierre A.: *See—*
  - Voisin, Eugene J.; Matthelie, Jean-Pierre A.; and Mesny, Jacques A., 4,523,440, Cl. 66-146.000.
- Matthes, Hans G.; and Wittenbecher, Hasso, to AEG-Elotherm GmbH. Inverter arcing control for a parallel-resonant circuit static frequency changer. 4,549,256, 10-22-85, Cl. 363-39.000.
- Matthew, Ian G.; Pammenter, Robert V.; and Kershaw, Mervyn G., to Electrolytic Zinc Company of Australasia Limited. Treatment of solutions to facilitate the removal of ferric iron therefrom. 4,515,696, 5-7-85, Cl. 210-713.000.
- Matthew, John B.; and Robinson, David H., to Beloit Corporation. Multiple disk refiner for low consistency refining of mechanical pulp. 4,529,137, 7-16-85, Cl. 241-163.000.
- Matthew, John B.; and Kirchner, Edward C., to Beloit Corporation. Flexible disk refiner and method. 4,531,681, 7-30-85, Cl. 241-146.000.
- Matthew, Michael W.: *See—*
  - Friedman, Lewis; Buehler, Robert J.; Matthew, Michael W.; and Ledbetter, Myron, 4,559,096, Cl. 156-272.200.
- Matthews, Anthony: *See—*
  - Levy, Leon A.; and Matthews, Anthony, 4,559,732, Cl. 40-595.000.
- Matthews, Anthony J.: *See—*
  - Berthel, Robert O.; Plank, Vernon G.; Jones, Stephen H.; and Matthews, Anthony J., 4,514,758, Cl. 358-93.000.
  - Plank, Vernon G.; Matthews, Anthony J.; Berthel, Robert O.; and LaGross, Dennis L., 4,499,761, Cl. 73-170.00R.

Matthews, Billie J.; and Bornslaeger, S. Richard, to Kimberly-Clark Corporation. Sanitary napkin with following baffle. 4,505,705, 3-19-85, Cl. 604-385.000.

Matthews, Carroll H. Composite fisherman support system. 4,541,539, 9-17-85, Cl. 220-20.000.

Matthews, Charles, to Plan Hold Corporation. Articulated task lamp. 4,494,177, 1-15-85, Cl. 362-402.000.

Matthews, Charles G. Arc welding clamp. 4,514,033, 4-30-85, Cl. 339-255.00P.

Matthews, David J., to Perkin-Elmer Corporation, The. System for periodically reading all memory locations to detect errors. 4,532,628, 7-30-85, Cl. 371-13.000.

Matthews, Demetreos N.; and Nudenberg, Walter, to Uniroyal, Inc. Sequentially prepared thermoplastic elastomer and method of preparing same. 4,491,652, 1-1-85, Cl. 525-247.000.

Matthews, Donald P.: *See—*

Wagner, Eugene R.; Barney, Charlotte L.; and Matthews, Donald P., 4,533,677, Cl. 514-638.000.

Matthews, Gordon H. Method and apparatus for automatically detecting and playing desired audio segments over a broadcast receiver. 4,499,601, 2-12-85, Cl. 455-166.000.

Matthews, J. Lester: *See—*

Farris, Edward T.; and Matthews, J. Lester, 4,492,577, Cl. 433-201.000.

Matthews, Jamie F., Jr.: *See—*

Finn, Lyle D.; Volkert, Bruce C.; Matthews, Jamie F., Jr.; and Brady, Michael M., 4,523,877, Cl. 405-195.000.

Matthews, John A.: *See—*

Striebel, Edmund E.; Matthews, John A.; Sepulveda, Domingo; and Pane, Francis C., Jr., 4,512,158, Cl. 60-740.000.

Matthews, John C.; Ury, Michael G.; Wood, Charles H.; and Greenblatt, Marshal, to Fusion Systems Corporation. Method and apparatus for performing deep UV photolithography. 4,532,427, 7-30-85, Cl. 250-492.200.

Matthews, John C., to Fusion Semiconductor Systems. Hardening of photoresist. 4,548,688, 10-22-85, Cl. 204-159.180.

Matthews, John P.: *See—*

Rothermel, William F.; Matthews, John P.; Walker, James W.; and Coulter, Wallace H., 4,534,465, Cl. 206-443.000.

Matthews, Johnnie V. Safe firecracker. 4,495,868, 1-29-85, Cl. 102-357.000.

Matthews, Kenneth J.: *See—*

Shaefer, Robert R.; and Matthews, Kenneth J., 4,514,244, Cl. 156-158.000.

Matthews, Leslie N. Boat hull. 4,494,477, 1-22-85, Cl. 114-287.000.

Matthews, Leslie N. Variable air cushion mode vehicle. 4,535,712, 8-20-85, Cl. 114-61.000.

Matthews, Paul G., to AT&T Bell Laboratories. Instruction system topic-interpreting method. 4,541,056, 9-10-85, Cl. 364-300.000.

Matthews, Stephen M.: *See—*

Stallings, Charles H.; Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.

Matthews, Thomas R.: *See—*

Eppstein, Deborah A.; Fraser-Smith, Elizabeth B.; and Matthews, Thomas R., 4,522,811, Cl. 514-2.000.

Matthews, William: *See—*

Brown, Douglas E.; and Matthews, William, 4,554,650, Cl. 367-154.000.

Matthews, William D.: *See—*

DeMarinis, Robert M.; Hieble, Jacob P.; and Matthews, William D., 4,496,558, Cl. 514-213.000.

Matthews, William E., to Phillips Petroleum Company. Removal of sedimentary constituents from liquids. 4,504,397, 3-12-85, Cl. 210-804.000.

Matthews, William G.; and Whitaker, Todd E., to United States of America, Navy. Interferometric fiber optic hydrophone winding machine. 4,527,749, 7-9-85, Cl. 242-7.150.

Matthews and Yates Limited: *See—*

Wilson, David J., 4,540,421, Cl. 55-432.000.

Matthewson, Randall W.; Benefiel, Earl H.; and Brudi, Ronald A., to Brudi Equipment, Inc. Side-loading container chassis storage rack. 4,493,421, 1-15-85, Cl. 211-13.000.

Matthias, Dan W.; and Thornton, Richard D., to Exxon Research & Engineering Co. Character print wheel with drive elements. 4,507,000, 3-26-85, Cl. 400-144.200.

Matthies, Dennis L.: *See—*

Fox, Leonard P.; Datta, Pabitra; Matthies, Dennis L.; and Kawamoto, Hirohisa, 4,561,087, Cl. 369-276.000.

Matthies, Gustav: *See—*

Tinebor, Manfred; Matthies, Gustav; and Karl, Heinz-Dietmar, 4,546,301, Cl. 318-798.000.

Matthies, Karl H.; and Harlos, Hartmut, to U.S. Philips Corporation. Differential amplifier circuit having improved control signal filtering. 4,511,853, 4-16-85, Cl. 330-259.000.

Matthies, Paul: *See—*

Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.

Matthiessen, Bernd: *See—*

Harms, Margret; Bruns, Angelika; Luthje, Holger; and Matthiessen, Bernd, 4,555,460, Cl. 430-5.000.

Matthiessen, Hans, to Dragerwerk Aktiengesellschaft. Circuit arrangement for correction of a sensor output. 4,499,423, 2-12-85, Cl. 324-425.000.

Matthison-Hansen, John E. Roof or wall covering and mounting member for a gutter bracket. 4,506,479, 3-26-85, Cl. 52-15.000.

Matthys, Bernard A.: *See—*

Gillingham, Gary R.; Wahlquist, Fred H.; and Matthys, Bernard A., 4,504,293, Cl. 55-350.000.

Matthys, Robert J., to Honeywell Inc. Voltage control circuit. 4,562,526, 12-31-85, Cl. 363-61.000.

Mattingly, William R., Jr.; Johnson, Lyle; and Maher, Tommy B., to Matrix Science Corporation. Self-locking electrical connector. 4,500,153, 2-19-85, Cl. 339-89.00M.

Mattingly, William R., Jr., to Matrix Science Corporation. Electrical connector shell assembly with continuous annular seal. 4,509,814, 4-9-85, Cl. 339-93.00[illegible]

Mattis, Donald J., to S[illegible] Chemical Corporation. Connector receptacle for electric cigar lighter. 4,49[illegible],726, 2-12-85, Cl. 339-182.00R.

Mattison, Glenn D.: *See—*

Case, Michael A.; M[illegible], Glenn D.; and Counterman, Wayne S., 4,548,261, Cl. 165-82.000.

Mattisson, Ulf K.: *See—*

Shaldon, Stanley; Christopherson, Kjell H. I.; Falkvall, Thore E.; and Mattisson, Ulf K., 4,498,990, Cl. 210-637.000.

Mattle, Hans P., to International Standard Electric Corporation. Measuring head for determining the color purity and the convergence in a color picture tube. 4,551,748, 11-5-85, Cl. 358-10.000.

Mattner, Otto; Merger, Franz; and Towae, Friedrich, to BASF Aktiengesellschaft. Process for the preparation of isocyanates through the thermal cleavage of urethanes. 4,530,796, 7-23-85, Cl. 260-453.00P.

Mattox, Ernest M. Weighted elastomeric jumping device. 4,505,474, 3-19-85, Cl. 272-75.000.

Mattress, Albert, Jr., to Blodgett, Norman S.; and Blodgett, Gerry A. Meter ring. 4,531,770, 7-30-85, Cl. 292-307.00R.

Matts, Sigvard, to Flakt Aktiebolag. Method and device for varying a d.c. voltage connected to an electrostatic dust separator. 4,522,635, 6-11-85, Cl. 55-2.000.

Mattson, Andrew P.: *See—*

Robinson, Thomas P.; Killman, Don M.; Mattson, Andrew P.; and Hudson, James E., Jr., 4,559,044, Cl. 604-246.000.

Mattson, Charles A.; and Landy, Richard J., to Allegretti & Co. Cutting head for string trimmer. 4,490,910, 1-1-85, Cl. 30-276.000.

Mattson, David R.; and Coffey, Patrick J. Spectrometer with selectable area detector. 4,542,295, 9-17-85, Cl. 250-352.000.

Mattson, Fred P. Adaptor for external oil filter. 4,492,632, 1-8-85, Cl. 210-168.000.

Mattson, James A.: *See—*

Wehr, Michael A.; and Mattson, James A., 4,540,033, Cl. 144-34.00R.

Mattson, Ray W.: *See—*

Ace, Marshall E., Jr., deceased; Mattson, Ray W.; and Wittenberg, Mark S., 4,536,162, Cl. 446-102.000.

Mattson, Richard W., to Allied Corporation. Control apparatus for variable speed reversible motor. 4,528,544, 7-9-85, Cl. 338-78.000.

Mattsson, Karl E., to AB Volvo. Cylinder with two-step movement. 4,538,506, 9-3-85, Cl. 92-13.300.

Mattsson, Lars B. E., to Nystrom Nordpatent Aktiebolag. Position adjustment device. 4,546,668, 10-15-85, Cl. 74-531.000.

Mattsson, Mats: *See—*

Beijar, Ole; and Mattsson, Mats, 4,540,848, Cl. 174-152.00R.

Mattsson, Sten I., to Facit Aktiebolag. Print hammer for printers and typewriters. 4,529,326, 7-16-85, Cl. 400-157.200.

Mattsson, Sten I., to Facit Aktiebolag. Printing device. 4,557,193, 12-10-85, Cl. 101-93.480.

Mattucci, Neil C.: *See—*

Cerankowski, Leon D.; LaPointe, Gary S.; and Mattucci, Neil C., 4,496,651, Cl. 430-490.000.

Mattz, Donald P.: *See—*

Varga, Stephen I.; and Mattz, Donald P., 4,497,919, Cl. 524-10.000.

Matudaira, Kaname: *See—*

Hirata, Mitsuki; Sato, Yoshitaka; and Matudaira, Kaname, 4,512,413, Cl. 172-74.000.

Matui, Kazuharu: *See—*

Uzaki, Nagato; Matui, Kazuharu; Toyoda, Shigehiro; and Hikita, Katuro, 4,531,565, Cl. 164-160.100.

Uzaki, Nagato; Komori, Toshihisa; Matui, Kazuharu; and Toyoda, Shigehiro, 4,538,665, Cl. 164-160.100.

Matuki, Shouzo, to Taiyo Yuden Co., Ltd. Magnetic eraser dust collector. 4,554,703, 11-26-85, Cl. 15-424.000.

Matula, Joseph J. Apparatus for dispensing viscous materials. 4,537,331, 8-27-85, Cl. 222-165.000.

Matulewicz, William N.; Mohr, Paul H.; and Matlock, Paul L., to Union Carbide Corporation. Aluminum corrosion inhibitor comprising alkylene-silane graft copolymer. 4,514,315, 4-30-85, Cl. 252-75.000.

Matumoto, Hiroaki; and Sekiguchi, Hiroshi, to Kanars Data Corporation. Electronic damper for pulse motor. 4,514,675, 4-30-85, Cl. 318-696.000.

Matumura, Akira: *See—*

Aihara, Hiroshi; Matumura, Akira; Takemura, Hiroshi; Kobashi, Rikiya; Satomi, Keisuke; and Ishibashi, Hiroe, 4,498,033, Cl. 318-261.000.

Matunaga, Kazuhisa: *See—*

Yamaoka, Hiromasa; Iwasa, Yuzaburo; and Matunaga, Kazuhisa, 4,494,113, Cl. 340-825.500.

Matunaga, Masatugu: *See—*

Sugio, Akitoshi; Masu, Masanobu; and Matunaga, Masatugu, 4,496,695, Cl. 525-391.000.

Sugio, Akitoshi; Masu, Masanobu; Matunaga, Masatugu; and Kimpara, Hidenori, 4,503,186, Cl. 525-63.000.

Matuo, Tadashi: *See—*
Sato, Giichi; Matuo, Tadashi; and Tabei, Tooru, 4,514,559, Cl. 534-690.000.

Matuo, Yuji, to Mazda Motor Corporation. Diesel engine having turbulent combustion chamber. 4,545,344, 10-8-85, Cl. 123-286.000.

Matuoka, Hirosi, to Nippondenso Co., Ltd. Windshield wiper driving device. 4,494,421, 1-22-85, Cl. 74-600.000.

Maturo, Robert J.; Chin, Danny; and Henderson, John G. N., to RCA Corporation. Television receiver with auxiliary on-screen display. 4,536,797, 8-20-85, Cl. 358-192.100.

Matuschek, Josip, to Textron, Inc. Multi-part fastening nut, including jam nut. 4,518,295, 5-21-85, Cl. 411-291.000.

Matusik, Frank J.: *See—*
Fitzgerald, J. Vincent; Matusik, Frank J.; and Nelson, Donald W., 4,524,610, Cl. 73-54.000.

Matusiro, Ryuiti: *See—*
Iwamoto, Kenji; Moriguchi, Kouichi; and Matusiro, Ryuiti, 4,519,210, Cl. 60-602.000.

Matusz, Arnold J.: *See—*
Dorsch, Robert; and Matusz, Arnold J., 4,515,073, Cl. 98-115.200.

Matveen, Viktor I.: *See—*
Strekalou, Genrikhn; Shtyrin, Anatoly S.; Matveen, Viktor I.; Maryanchik, Mikhail A.; and Garibov, Genrikh S., 4,492,848, Cl. 219-127.000.

Matviak, John. Device for reducing predictability in card games. 4,512,580, 4-23-85, Cl. 273-148.00A.

Matyas, Stephen M.: *See—*
Elander, Robert C.; Lennon, Richard E.; Matyas, Stephen M.; Meyer, Carl H. W.; Shuck, Robert E.; and Tuchman, Walter L., 4,500,750, Cl. 178-22.080.

Matychowiak, David S.: *See—*
Beaulieu, Roger D.; Alcorn, William W.; and Matychowiak, David S., 4,516,363, Cl. 52-90.000.

Matyjakowski, David J., to Xerox Corporation. Process for preparing an electrophotographic imaging member with NiO interlayer. 4,557,993, 12-10-85, Cl. 430-131.000.

Matz, Bruno: *See—*
Kearney, Dolores C.; Giza, Peter; and Matz, Bruno, 4,544,013, Cl. 164-5.000.

Matz, Gary F., to Calgon Corporation. Copolymers of maleic anhydride and alkylene oxide to inhibit the precipitation and deposit of scale in aqueous systems. 4,526,957, 7-2-85, Cl. 528-366.000.

Matz, Gary F., to Calgon Corporation. Carboxylic/sulfonic/quaternary ammonium polymers for use as scale and corrosion inhibitors. 4,536,292, 8-20-85, Cl. 210-701.000.

Matzek, Lester T., to Rockwell International Corporation. Adjustable slope equalizer. 4,506,237, 3-19-85, Cl. 333-28.00R.

Matzinger, Martin J.; and Orloff, Daniel L., to Oscar Mayer Foods Corporation. Automatic feeding of elongated products. 4,552,049, 11-12-85, Cl. 83-27.000.

Matzkanin, George A.: *See—*
De Los Santos, Armando; King, James D.; Rollwitz, William L.; Matzkanin, George A.; and Hornung, Phillip A., 4,514,691, Cl. 324-301.000.

Matzkin, Harry; and Getto, Leslie. Door lock cover. 4,505,504, 3-19-85, Cl. 292-337.000.

Matzner, Bruce; Horn, Victor M.; Curulla, Michael V.; and Price, John F., to General Electric Company. Nuclear fuel assembly spacer. 4,508,679, 4-2-85, Cl. 376-438.000.

Matzner, Bruce: *See—*
Curulla, Michael V.; Price, John F.; Matzner, Bruce; Brayman, Kenneth W.; and Qurnell, Frank D., 4,544,522, Cl. 376-441.000.

Matzner, Joseph: *See—*
Maerkl, Michael; and Matzner, Joseph, 4,531,163, Cl. 360-49.000.

Matzner, Markus; and Papuga, Donald M., to Union Carbide Corporation. Copolymers of polyphenylene oxides and poly(aryl ether)s. 4,536,543, 8-20-85, Cl. 525-68.000.

Matzner, Markus; and Papuga, Donald M., to Union Carbide Corporation. Blends containing copolymers of polyphenylene oxides and poly(aryl ether)s. 4,536,544, 8-20-85, Cl. 525-68.000.

Matzner, Markus; and Papuga, Donald M., to Union Carbide Corporation. Polyetherimides. 4,540,748, 9-10-85, Cl. 525-420.000.

Mauch, Gunter: *See—*
Schutz, Karl H.; and Mauch, Gunter, 4,509,364, Cl. 73-118.000.

Maucher, Paul, to Luk Lamellen und Kupplungsbau GmbH. Diaphragm spring for use in friction clutches or the like. 4,492,293, 1-8-85, Cl. 192-89.00B.

Maucher, Paul; and Friedmann, Oswald, to Luk Lamellen und Kupplungsbau GmbH. Device for selectively separating and connecting a rotatable shaft. 4,520,913, 6-4-85, Cl. 192-48.800.

Maucher, Paul; and Friedmann, Oswald, to Luk Lamellen und Kupplungsbau GmbH. Internal combustion engine and clutch therefor. 4,523,558, 6-18-85, Cl. 123-198.00F.

Maucher, Paul, to Luk Lamellen und Kupplungsbau GmbH. Clutch disc arrangement. 4,538,718, 9-3-85, Cl. 192-106.200.

Maucher, Paul, to Luk Lamellen und Kupplungsbau GmbH. Torque transmitting device. 4,548,310, 10-22-85, Cl. 192-106.200.

Mauchly, J. William: *See—*
Luthra, Ajay K.; Kassam, Saleem; and Mauchly, J. William, 4,553,437, Cl. 73-602.000.

Mauck, John C.: *See—*
LiMuti, Charles M.; Babb, Bruce E.; and Mauck, John C., 4,555,483, Cl. 435-19.000.

Mauck, Lee E. Life preserver. 4,540,372, 9-10-85, Cl. 441-81.000.

Maudal, Inge, to General Dynamics, Pomona Division. High acceleration support and positioning device. 4,494,460, 1-22-85, Cl. 102-293.000.

Maudal, Inge; Niemeier, Byron M.; and Wedertz, Larry D., to General Dynamics, Pomona Division. Steering mechanism for an explosively fired projectile. 4,561,357, 12-31-85, Cl. 102-439.000.

Mauderer, Ernst. Stamping and bending machine for manufacturing shaped parts. 4,532,794, 8-6-85, Cl. 72-442.000.

Mauduit, Daniel: *See—*
Boshra-Riad, Mokhtar; Fedeli, Jean-Marc; Jouve, Hubert; and Mauduit, Daniel, 4,493,054, Cl. 365-36.000.

Maue, Dale N.: *See—*
Clark, Allen J.; and Maue, Dale N., 4,537,077, Cl. 73-665.000.

Mauer, Daniel E.: *See—*
Delseth, Jean-Marc; Mauer, Daniel E.; and Moniotte, Philippe G., 4,532,080, Cl. 556-139.000.

Mauer, John L., IV; Michail, Michel S.; and Woodard, Ollie C., to International Business Machines Corporation. Electron beam system. 4,494,004, 1-15-85, Cl. 250-492.200.

Mauermann, Walter; and Dudeck, Ingo, to Daimler-Benz Aktiengesellschaft. Control method and apparatus for combating knocking in internal combustion engines. 4,527,525, 7-9-85, Cl. 123-425.000.

Mauersberger, Paul H.: *See—*
Bercier, John R.; Cieslowski, Thomas C.; Delaquila, Gary E.; Leone, James W.; and Mauersberger, Paul H., 4,553,345, Cl. 40-576.000.

Mauffrey, Jean-Francois: *See—*
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Mauger, David W.; Lawrie, James W.; McCarthy, John T.; and Tozzi, Michael A., to Clevepak Corporation. Apparatus for processing box partitions. 4,527,376, 7-9-85, Cl. 53-113.000.

Maui Harness Corporation: *See—*
Spanier, Barry, 4,508,045, Cl. 114-39.000.

Maukola, Pekka J., to N.V. Raychem S.A. Reinsulation of pipe joints. 4,514,241, 4-30-85, Cl. 156-79.000.

Maul, Heinz P.: *See—*
Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., 4,526,294, Cl. 222-47.000.

Maul, Michael K.: *See—*
Eldumiati, Ismail I.; and Maul, Michael K., 4,525,776, Cl. 364-200.000.

Maul, Rudolf; Otto, Eberhard; and Zinke, Horst, to Ciba-Geigy Corporation. Process for producing triarylphosphites. 4,492,661, 1-8-85, Cl. 260-976.000.

Maul, Rudolf; Stephan, Hans; and Wolf, Walter, to Ciba-Geigy Corporation. Continuous process for the preparation of alkyltin thiocarboxylic acid esters. 4,554,368, 11-19-85, Cl. 556-91.000.

Maul, Rudolf: *See—*
Troxler, Eduard; Kainmuller, Thomas; and Maul, Rudolf, 4,535,145, Cl. 528-289.000.

Maul Technology Corporation: *See—*
Libert, Harold C., 4,533,377, Cl. 65-232.000.
Parkell, Edward; and Newkirk, Mark C., 4,500,334, Cl. 65-334.000.

Maulandi, Aymon A., to Square D Company. Low resistance electrical connector. 4,514,025, 4-30-85, Cl. 339-64.00M.

Mauldin, Charles H., to Exxon Research & Engineering Co. Conversion of methanol to hydrocarbons. 4,513,161, 4-23-85, Cl. 585-640.000.

Mauldin, Charles H.; and Payne, Virgil L., to Exxon Research & Engineering Co. Preparation of liquid hydrocarbons from methanol. 4,556,752, 12-3-85, Cl. 585-640.000.

Mauldin, Charles H.: *See—*
Arcuri, Kym B.; Mauldin, Charles H.; and Shaw, Dave H., 4,558,030, Cl. 502-325.000.
Baird, William C., Jr.; and Mauldin, Charles H., 4,541,915, Cl. 208-65.000.
Payne, Virgil L.; and Mauldin, Charles H., 4,542,122, Cl. 502-325.000.

Mauldin, Herbert N. Paver steering apparatus. 4,527,649, 7-9-85, Cl. 180-6.480.

Mauldin, Larry W.: *See—*
Hu, Victor L.; Mauldin, Larry W.; and Lee, John J., 4,561,449, Cl. 128-746.000.

Maulding, Donald R.: *See—*
Spector, Richard; and Maulding, Donald R., 4,555,537, Cl. 524-97.000.

Mauleon, Jean-Louis; Newman, Robert J.; and Black, Alan J., to Total Engineering and Research Company. Method for the clean-up of particulate-catalyst containing gases. 4,556,479, 12-3-85, Cl. 208-164.000.

Maupetit, Philippe; and Demoulin, Bernard, to Laboratoires Biotrol S.A. Paste for protecting the skin. 4,503,034, 3-5-85, Cl. 424-80.000.

Maupin, Charles G.: *See—*
Jacobi, Cecil T., Jr.; Maupin, Charles G.; Woodsmall, James B.; Brown, William J.; Thomas, Bruce E.; Owens, Walton D.; Cunningham, Robert J.; and Smith, Rocky D., 4,501,072, Cl. 34-1.000.

Maure, Jean, to Societe Anonyme des Plieuses Automatiques. Wrapping machine. 4,519,180, 5-28-85, Cl. 53-234.000.

Maurel, Pierre, to Uranium Pechiney Ugine Kuhlmann. Extraction of arsenic in solution in liquors containing alkali metal carbonate, sulphate and possibly hydroxide, and at least one of the metals vanadium, uranium and molybdenum. 4,495,159, 1-22-85, Cl. 423-87.000.

- Maurel, Pierre: *See—*
  - Crussard, Charles; Maurel, Pierre; and Bonhomme, Jean, 4,511,540, Cl. 423-26.000.
- Maurer, Albert: *See—*
  - Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, 4,528,099, Cl. 210-489.000.
- Maurer, Albrecht; and Butz, Alois, to Bizerba-Werke Wilhelm Kraut GmbH & Co. KG. Cold meat slicing machine. 4,541,319, 9-17-85, Cl. 83-707.000.
- Maurer, Albrecht; and Frey, Karl, to Bizerba-Werke Wilhelm Kraut GmbH & Co. KG. Device for holding and advancing the stock to be sliced on a cold meat slicing machine. 4,543,868, 10-1-85, Cl. 83-713.000.
- Maurer, Albrecht; Butz, Alois; and Koch, Klaus, to Bizerba-Werke Wilhelm Kraut GmbH & Co. KG. Device for setting the thickness of cut in cold meat slicing machines. 4,546,685, 10-15-85, Cl. 83-707.000.
- Maurer, Albrecht: *See—*
  - Bottcher, Wolfgang; Juttner, Heinz; Maurer, Albrecht; and Stutzinger, Ferdinand, 4,509,295, Cl. 51-49.000.
- Maurer, Alexander; and Staendeke, Horst, to Hoechst Aktiengesellschaft. Activated ammonium polyphosphate, a process for making it, and its use. 4,515,632, 5-7-85, Cl. 106-18.160.
- Maurer, Alexander: *See—*
  - Merkenich, Karl; Wasel-Nielen, Horst-Dieter; Maurer, Alexander; and Adrian, Renate, 4,517,109, Cl. 252-135.000.
  - Schrodter, Klaus; and Maurer, Alexander, 4,511,546, Cl. 423-305.000.
- Maurer, Bruno; and Hauser, Arnold, to Firmenich SA. Bicyclic aldehyde and its use as perfuming agent. 4,522,748, 6-11-85, Cl. 252-522.00R.
- Maurer, Dean S.: *See—*
  - Kyriakos, Constantinos S.; Maurer, Dean S.; and Millio, Louis J., 4,503,401, Cl. 331-4.000.
- Maurer, Dieter; Rauter, Jurgen; and Dziuba, Peter, to Zahnradfabrik Friedrichshafen AG. Pivot limiter for steered wheels. 4,536,003, 8-20-85, Cl. 280-95.00R.
- Maurer, Donald D., to EMPI, Inc. Method and apparatus for healing tissue. 4,556,051, 12-3-85, Cl. 128-1.500.
- Maurer, Edgar A.; and Essex, John D., to Hoover Company, The. Canister cleaner. 4,527,302, 7-9-85, Cl. 15-325.000.
- Maurer, Fritz; Priesnitz, Uwe; and Riebel, Hans-Jochem, to Bayer Aktiengesellschaft. Process for the preparation of 1,1-dichloroalkenes. 4,492,800, 1-8-85, Cl. 562-506.000.
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- Maurer, Fritz: *See—*
  - Sirrenberg, Wilhelm; Maurer, Fritz; Klauke, Erich; Becker, Benedikt; and Stendel, Wilhelm, 4,552,900, Cl. 514-269.000.
- Maurer, Ghislain: *See—*
  - Motte, Jean-Pierre; and Maurer, Ghislain, 4,549,301, Cl. 373-108.000.
- Maurer, Helmut: *See—*
  - Linder, Ernst; Maurer, Helmut; Muller, Klaus; and Rieger, Franz, 4,496,455, Cl. 204-412.000.
- Maurer, Herman J.; Pedersen, Carl O.; and Nudd, Barry C., to J. I. Case Company. Backhoe swing mechanism. 4,500,250, 2-19-85, Cl. 414-695.500.
- Maurer, John J.: *See—*
  - Schulz, Donald N.; Kowalik, Ralph M.; Bock, Jan; and Maurer, John J., 4,546,784, Cl. 137-13.000.
- Maurer, Klemens: *See—*
  - Taylor, Frank; and Maurer, Klemens, 4,514,104, Cl. 403-14.000.
- Maurer, Martin, to Hydrel Ag. Method for winding a thread on a bobbin and electro-hydraulic traverse motion device for carrying out the method. 4,544,108, 10-1-85, Cl. 242-43.00R.
- Maurer, Richard P.: *See—*
  - Holtrop, James S.; and Maurer, Richard P., 4,526,829, Cl. 428-245.000.
  - Holtrop, James S.; and Maurer, Richard P., 4,529,641, Cl. 428-198.000.
  - Holtrop, James S.; and Maurer, Richard P., 4,531,994, Cl. 156-307.300.
  - Holtrop, James S.; and Maurer, Richard P., 4,557,970, Cl. 428-316.600.
- Maurer, Robert S.; and Tsai, Min H., to Unitek Corporation. Orthodontic appliance for direct bonding to a tooth. 4,544,353, 10-1-85, Cl. 433-9.000.
- Maurer, Ruprecht, to Ringspann Albrecht Maurer K.G. Run-back safety mechanism for conveyor apparatus. 4,548,316, 10-22-85, Cl. 198-835.000.
- Maurer, Ruprecht: *See—*
  - Giese, Emil; Maurer, Ruprecht; and Hagen, Max, 4,522,289, Cl. 192-41.00A.
- Maurer, Thomas; Holbein, Hans-Jurgen; and Lass, Joseph S., to GAO Gesellschaft fur Automation und Organisation mbH. Multilayer identification card and a method of producing it. 4,507,346, 3-26-85, Cl. 428-158.000.
- Maurer, Thomas; Gauch, Wolfgang; and Devrient, Ludwig, to GAO Gesellschaft fur Automation und Organisation mbH. Identification card. 4,544,181, 10-1-85, Cl. 283-74.000.
- Maurer, Thomas: *See—*
  - Holbein, Hans J.; and Maurer, Thomas, 4,523,777, Cl. 283-67.000.
- Maurer, Wilhelm. Method and apparatus for making soft-ice in small quantities. 4,547,076, 10-15-85, Cl. 366-244.000.
- Maurer, William C.: *See—*
  - McDonald, William J.; Maurer, William C.; and Nagel, David D., 4,496,174, Cl. 285-53.000.
- Maures, Michel: *See—*
  - Delarche, Hubert; Brasquies, Alain; and Maures, Michel, 4,546,175, Cl. 536-35.000.
- Maurette, Frederic: *See—*
  - Houdart, Michel; Arruberrenal, Edouard; and Maurette, Frederic, 4,523,163, Cl. 333-218.000.
- Mauri, Ambrogio. Power drive system for road vehicles. 4,502,558, 3-5-85, Cl. 180-14.300.
- Mauri Brothers & Thomson (Aust.) Pty. Limited: *See—*
  - Zentner, Harry, 4,551,334, Cl. 426-26.000.
- Mauri Brothers & Thomson (N.Z.) Limited: *See—*
  - Latimer, John; and Fortune, Neil, 4,538,510, Cl. 99-459.000.
- Mauri, Francesco, to Ravizza S.p.A. Process for preparing a 7-chloro-5-(2-chlorophenyl)-benzodiazepinone. 4,511,510, 4-16-85, Cl. 260-239.30D.
- Mauri, Jacinto M.: *See—*
  - Soto, Jose M. P.; Noverola, Armando V.; Mauri, Jacinto M.; and Spickett, Robert G. W., 4,550,116, Cl. 514-327.000.
  - Spickett, Robert G. W.; Mauri, Jacinto M.; and Puchades, Jesus E. B., 4,560,545, Cl. 423-430.000.
- Mauri, Luigi; and Cardaio, Rino, to Moplefan S.p.A. Coated polyolefinic films having low adhesion to the welding bars. 4,536,453, 8-20-85, Cl. 428-484.000.
- Maurice, Bruno: *See—*
  - Champon, Jacques; Maurice, Bruno; and Roumeguere, Michel, 4,554,568, Cl. 357-13.000.
- Maurice, Jacques; Guesnet, Patrice; Tozzolino, Pierre; and Muller, Guy, to Societe Nationale Elf Aquitaine (Production). Enrichment of minerals by flotation and collector agents employed for this purpose. 4,554,137, 11-19-85, Cl. 423-26.000.
- Maurice, Jacques: *See—*
  - Hagenbach, Germain; Maldonado, Paul; and Maurice, Jacques, 4,554,313, Cl. 525-54.500.
- Maurice, Terrence J.; and Grealy, Jennifer M., to General Foods Inc. Production of fat-containing protein fibers. 4,501,760, 2-26-85, Cl. 426-250.000.
- Maurice, Thomas A. Double lock lock box. 4,532,783, 8-6-85, Cl. 70-63.000.
- Mauries, Reinhard: *See—*
  - Chardon, Manfred; Mauries, Reinhard; Rohner, Joachim; and Zumfeld, Heinz, 4,499,715, Cl. 57-22.000.
- Maurin, Maurice: *See—*
  - Carette, Brigitte; Kone, Ali; Souquet, Jean-Louis; Ribes, Michel; and Maurin, Maurice, 4,513,070, Cl. 429-193.000.
- Maurin, Suzanne M., to Societe Anonyme: Leisystem. Sail rolling and storing device. 4,503,797, 3-12-85, Cl. 114-106.000.
- Maurmann Ingenieurburo GmbH: *See—*
  - Reuter, Rolf, 4,535,685, Cl. 98-40.120.
- Maus, Helmut, to Holac Maschinenbau GmbH. Apparatus for cutting foodstuffs. 4,498,380, 2-12-85, Cl. 100-98.00R.
- Mause, Elmar: *See—*
  - Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
- Mauser, Richard J., to Ampat/Midwest Corp. Simulated structural gasket. 4,524,978, 6-25-85, Cl. 277-189.000.
- Mauser-Werke GmbH: *See—*
  - Przytulla, Dietmar, 4,529,570, Cl. 264-534.000.
- Mauser-Werke Oberndorf GmbH: *See—*
  - Bertiller, Roland; Kellner, Gerd; and Peter, Bernhard, 4,561,340, Cl. 89-127.000.
  - Gleichaut, Winfried; Gunther, Oswin; Hoffmann, Dietrich; and Funke, Rolf, 4,532,868, Cl. 102-527.000.
  - Gotz, Udo; Gleichauf, Winfried; Gunther, Oswin; and Hoffmann, Dietrich, 4,519,117, Cl. 29-1.200.
  - Gotz, Udo; Gleichauf, Winfried; and Gunther, Oswin, 4,520,731, Cl. 102-527.000.
  - Hoffmann, Dietrich; and Gotz, Udo, 4,549,488, Cl. 102-503.000.
  - Hoffmann, Dietrich; and Gotz, Udo, 4,558,646, Cl. 102-527.000.
  - Linder, Kurt, 4,535,543, Cl. 33-169.00R.
  - Mayer, Manfred, 4,521,971, Cl. 33-199.00B.
  - Repa, Otto, 4,499,684, Cl. 42-69.00A.
- Mausezahl, Dieter: *See—*
  - Schaetzer, Harry; Raisin, Helmut; and Mausezahl, Dieter, 4,537,598, Cl. 8-641.000.

- Maust, Daniel A.: *See—*
  - Jones, David A.; and Maust, Daniel A., 4,541,139, Cl. 15-171.000.
- Mauthe, Peter: *See—*
  - Gebauer, Ludwig; Irmscher, Hans-Jurgen; Lang, Gusztav; and Mauthe, Peter, 4,518,283, Cl. 405-260.000.
- Mauthner, Thomas: *See—*
  - Russo, Anthony; and Mauthner, Thomas, 4,514,325, Cl. 252-557.000.
- Mautner, Dietmar: *See—*
  - Muller, Michael; and Mautner, Dietmar, 4,508,955, Cl. 219-146.210.
- Mautner, Franz; Schwarzler, Peter; and Mittermaier, Manfred, to Krauss-Maffei Aktiengesellschaft. Railway truck for self-propelled railway vehicles. 4,526,107, 7-2-85, Cl. 105-133.000.
- Mautner, Franz: *See—*
  - Habeck, Reinhold; Mackiol, Norbert; Mautner, Franz; and Schwarzler, Peter, 4,510,871, Cl. 105-167.000.
- Mautner, Jacob E.; Crennan, Gerard; and Anderson, Arnold N. Top-mounted double-action door hinge. 4,539,727, 9-10-85, Cl. 16-285.000.
- Mautz, Karlheinz: *See—*
  - Schwarz, Alois; and Mautz, Karlheinz, 4,545,733, Cl. 416-138.000.
- Mauz, Otto; Sauber, Klaus; and Noetzel, Siegfried, to Hoechst Aktiengesellschaft. Vinylene carbonate polymers, a process for their preparation and their use. 4,542,069, 9-17-85, Cl. 428-402.000.
- Mavilor Systemes S.A.: *See—*
  - Zahner, Pierre W., 4,560,895, Cl. 310-77.000.
  - Ziegler, Rolf; and Hauk, Peter, 4,524,643, Cl. 74-801.000.
- Mawardi, Osman K. Beneficiating ore by magnetic fractional filtration of solutes. 4,539,040, 9-3-85, Cl. 75-1.00R.
- Mawby, Harold S.; and Johnston, Burdith W., to White Consolidated Industries, Inc. Refrigerator door hinge. 4,543,800, 10-1-85, Cl. 62-339.000.
- Mawby, Harold S.; and Frisbie, Carl W., to White Consolidated Industries, Inc. Ice door mechanism. 4,555,049, 11-26-85, Cl. 222-517.000.
- Mawhinney, Daniel D.: *See—*
  - Nowogrodzki, Markus; and Mawhinney, Daniel D., 4,513,748, Cl. 128-653.000.
- Max Factor & Co.: *See—*
  - Glover, Loren J.; Flower, Milton O.; and Pinassi, David J., 4,538,725, Cl. 206-37.000.
  - Seidler, David, 4,498,490, Cl. 132-88.500.
- Max, John K. Cold trap. 4,506,513, 3-26-85, Cl. 62-55.500.
- Max, John K. Flow metering circuit and method. 4,537,081, 8-27-85, Cl. 73-861.770.
- Max, John K. Positive displacement piston flowmeter. 4,561,304, 12-31-85, Cl. 73-247.000.
- Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.: *See—*
  - Asmussen, Frithjof; Sotobayashi, Hideto; Chen, Jiang-Tsun; and Schnabel, Wolfram, 4,551,414, Cl. 430-270.000.
  - Bell, Michael; Kreuer, Klaus-Dieter; Rabenau, Albrecht; and Weppner, Werner, 4,495,078, Cl. 252-62.200.
  - Claussen, Nils; and Petzow, Gunter, 4,506,024, Cl. 501-105.000.
  - Claussen, Nils; Ruhle, Manfred; and Petzow, Gunter, 4,525,464, Cl. 501-103.000.
  - Derfler, Heinrich; Perchermeier, Jurgen; and Spitzer, Hermann, 4,559,281, Cl. 428-687.000.
  - Fischer, Herbert; Kickhofen, Botho; and Vaubel, Eckehard, 4,554,156, Cl. 424-81.000.
  - Fischer, Herbert; Kickhofen, Botho; and Vaubel, Eckehard, 4,556,056, Cl. 128-156.000.
  - Hartwig, Peter; Weppner, Werner; and Wichelhaus, Winfried, 4,526,855, Cl. 429-191.000.
  - Keilmann, Fritz; and Kussmaul, Karl-Wilhelm, 4,561,721, Cl. 350-162.170.
  - Kreuer, Klaus-Dieter; Weppner, Werner; and Rabenau, Albrecht, 4,513,069, Cl. 429-192.000.
  - Liebl, Helmut, 4,551,599, Cl. 250-396.00R.
  - Meier, Gerd E. A.; and Thompson, Philip A., 4,522,183, Cl. 123-558.000.
  - Neher, Erwin, 4,510,442, Cl. 324-99.00R.
  - Ulrich, Reinhard; and Rashleigh, Scott C., 4,539,519, Cl. 324-117.00R.
  - Wissler, Josef H., 4,495,096, Cl. 260-112.00B.
  - Wissler, Josef H., 4,512,970, Cl. 424-85.000.
  - Wissler, Josef H., 4,512,971, Cl. 424-85.000.
  - Wissler, Josef H., 4,514,387, Cl. 424-85.000.
  - Wissler, Josef H., 4,552,761, Cl. 424-101.000.
  - Witte, Klaus J.; Fill, Ernst; and Scrlac, Walter, 4,514,848, Cl. 372-25.000.
  - Wunsch, Erich, 4,507,235, Cl. 260-112.50R.
- Max Rice Corporation, The: *See—*
  - Rice, Max, 4,538,807, Cl. 272-146.000.
- Max Widenmann Armaturenfabrik: *See—*
  - Ebert, Karl, 4,523,778, Cl. 285-73.000.
  - Ebert, Karl, 4,524,997, Cl. 285-74.000.
- Max Zapf, Firma: *See—*
  - Maar, Lienhard, 4,536,165, Cl. 446-153.000.
- Maxcap, Inc.: *See—*
  - Nolan, Robert L., 4,519,569, Cl. 249-142.000.
  - Nolan, Robert L., 4,550,843, Cl. 215-252.000.
- Maxemchuk, Nicholas F., to AT&T Bell Laboratories. System, apparatus and method for controlling a multiple access data communications system including variable length data packets and fixed length collision-free voice packets. 4,516,239, 5-7-85, Cl. 370-85.000.
- Maxemchuk, Nicholas F.; and Netravali, Arun N., to AT&T Bell Laboratories. System and method for controlling a multiple access data communications system including both data packets and voice packets being communicated over a cable television system. 4,534,024, 8-6-85, Cl. 370-85.000.
- Maxey, Carl W. Edger transport and position apparatus. 4,524,858, 6-25-85, Cl. 198-434.000.
- Maxfield, MacRae: *See—*
  - Wolf, James F.; Savner, Suzanne M.; Maxfield, MacRae; and Shacklette, Lawrence W., 4,528,254, Cl. 429-197.000.
- Maxfield, Marvin L., to Seal-Flex, Inc. Method for constructing all-weather surface. 4,529,622, 7-16-85, Cl. 427-136.000.
- Maxi-Lift, Inc.: *See—*
  - Ramsey, Earl A., 4,540,389, Cl. 474-257.000.
- Maxilin B.V.: *See—*
  - Paping, Max G.; and Goossens, Bjorn O., 4,540,196, Cl. 280-646.000.
- Maxim, John. Conductive fluid activated devices. 4,547,169, 10-15-85, Cl. 446-267.000.
- Maximum Technology: *See—*
  - Pankin, Sidney M., 4,562,517, Cl. 362-147.000.
- Maxner, Richard B., to USM Corporation. All lead sensor. 4,499,649, 2-19-85, Cl. 29-566.300.
- Maxner, Richard B., to USM Corporation. Conveyor for a substrate. 4,542,820, 9-24-85, Cl. 198-817.000.
- Maxner, Richard B.: *See—*
  - Duncen, Robert J.; Maxner, Richard B.; McLean, Jean A.; and Mirley, William H., Jr., 4,549,087, Cl. 250-561.000.
  - Freeman, Gary T.; Maxner, Richard B.; and Nash, Thomas F., 4,558,983, Cl. 414-331.000.
- Maxson, Myron T.: *See—*
  - Lee, Chi-Long; Maxson, Myron T.; and Rabe, James A., 4,550,125, Cl. 521-117.000.
  - Lee, Chi-Long; Maxson, Myron T.; and Rabe, James A., 4,555,529, Cl. 521-124.000.
- Maxson, Orwin G.: *See—*
  - Peterson, Marvin L.; Putnik, Charles F.; and Maxson, Orwin G., 4,549,948, Cl. 204-196.000.
- Maxudov, Faramaz G. O.: *See—*
  - Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.
- Maxutov, Rafkhat A.: *See—*
  - Kuznetsov, Oleg L.; Maxutov, Rafkhat A.; Malchenok, Vladimir O.; Mordukhaev, Khanuko M.; Ostrovsky, Anatoly P.; Rubtsov, Adolf E.; Simkin, Ernst M.; and Sokolov, Alexei V., 4,558,737, Cl. 166-60.000.
- Maxwell, Gary A., to Eschem Inc. Paper product and glue therefor. 4,508,773, 4-2-85, Cl. 428-198.000.
- Maxwell, Ian: *See—*
  - East, John; and Maxwell, Ian, 4,552,520, Cl. 425-79.000.
- Maxwell, Jerrold F. Transmission apparatus. 4,543,840, 10-1-85, Cl. 74-342.000.
- Maxwell, John W.; and Vyse, Brian, to Borden, Inc. Process for the manufacture of dried, resin-treated fiber furnish. 4,514,255, 4-30-85, Cl. 162-9.000.
- Maxwell, Joseph A., Jr. Sled. 4,530,509, 7-23-85, Cl. 280-22.000.
- Maxwell, Kenneth H., deceased (by Maxwell, Shelagh M., executor), to Xerox Corporation. Process for preparing electrostatographic photosensitive device comprising sodium additives and trigonal selenium particles. 4,543,314, 9-24-85, Cl. 430-134.000.
- Maxwell Laboratories, Inc.: *See—*
  - Burns, Eugene A.; and Colby, Bruce N., 4,518,502, Cl. 210-634.000.
  - Hofmann, Gunter A., 4,524,079, Cl. 426-234.000.
  - Kent, Henry R., 4,511,094, Cl. 242-7.080.
  - Weir, Donald B., 4,531,393, Cl. 72-56.000.
- Maxwell, Peter C.: *See—*
  - Hsieh, Jih-Han; Barer, Sol J.; and Maxwell, Peter C., 4,535,059, Cl. 435-142.000.
- Maxwell, Shelagh M., executor: *See—*
  - Maxwell, Kenneth H., deceased, 4,543,314, Cl. 430-134.000.
- May, Adolf: *See—*
  - Billenstein, Siegfried; Hartung, Herbert; May, Adolf; and Bucking, Hans-Walter, 4,515,723, Cl. 260-404.500.
- May, Anthony A.: *See—*
  - Bilimoria, Bomi M.; and May, Anthony A., 4,518,491, Cl. 209-166.000.
- May & Baker Limited: *See—*
  - Ashton, Michael J.; Bridge, Andrew W.; Chapman, Robert F.; Fenton, Garry; Loveless, Anthony H.; and Riddell, David, 4,493,843, Cl. 424-274.000.
  - Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., 4,507,315, Cl. 514-396.000.
  - Bird, Clive W.; Butler, Helene I.; Caton, Michael P. L.; Coffee, Edward C. J.; Darnbrough, Geoffrey; and Hart, Terance W., 4,517,202, Cl. 514-530.000.
  - Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,496,390, Cl. 71-92.000.
  - Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,505,740, Cl. 71-92.000.
  - Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,541,963, Cl. 260-465.00E.
  - Lucas, Joshua M. S., 4,505,711, Cl. 604-892.000.
- May, Carl B.: *See—*
  - Smithers, Richard; and May, Carl B., 4,506,982, Cl. 366-19.000.
- May, Charles F.: *See—*
  - Hurt, Henry W.; and May, Charles F., 4,530,174, Cl. 37-8.000.

May, David A.: *See—*
- Gardner, Bruce C.; Ingold, Daniel L.; and May, David A., 4,516,618, Cl. 160-120.000.

May, David C., to Minnesota Mining and Manufacturing Company. Elastomeric pavement marker. 4,534,673, 8-13-85, Cl. 404-14.000.

May, David C.: *See—*
- Krech, Thomas D.; and May, David C., 4,521,129, Cl. 404-10.000.

May, Denis R. W.; and Hiddleston, James N., to J. D. Hanger & Company Limited. Artificial leg for occasional use. 4,517,688, 5-21-85, Cl. 3-2.000.

May, Denis R. W., to J. E. Hanger & Company Limited. Demountable joint. 4,523,338, 6-18-85, Cl. 3-21.000.

May, Francis A.; and Patts, Larry, to Consolidation Coal Company. Trolley pole. 4,510,352, 4-9-85, Cl. 191-64.000.

May, Gary A., to American K-9 Container Corporation. Animal transportation container. 4,546,728, 10-15-85, Cl. 119-19.000.

May, Herbert: *See—*
- Gurtner, Michael V.; and May, Herbert, 4,547,170, Cl. 446-353.000.

May, Jerome E.: *See—*
- Rees, James D.; Gundlach, Robert W.; and May, Jerome E., 4,533,979, Cl. 362-97.000.

May, Jim. Log splitter. 4,520,854, 6-4-85, Cl. 144-193.00A.

May, Jim. Portable knock-down canopy. 4,540,010, 9-10-85, Cl. 135-99.000.

May, Jim. Boom suspended wood splitter. 4,559,985, 12-24-85, Cl. 144-193.00A.

May, John B.: *See—*
- DiMassimo, Donald V.; May, John B.; and Lemmon, Michael D., 4,536,759, Cl. 340-706.000.

May, Joseph N.; and Wing, Joseph M., to Xerox Corporation. Multimode document handling apparatus and reproducing apparatus containing same. 4,508,444, 4-2-85, Cl. 355-3.00R.

May, Joseph R.; Petruccelli, Frank; Lang, Robert L.; and de Haan, Herman P., to Allied Corporation. Hollow enclosed seamless polymeric article containing a baffle. 4,517,231, 5-14-85, Cl. 428-35.000.

May, Josephine B.: *See—*
- Hurst, Jim; and May, Josephine B., 4,559,348, Cl. 514-303.000.

May, Marvin M.; Billings, Robert C.; Kendall, Harry A.; and Bayorgeon, Jeffrey T., to Power Climber, Inc. Efficient lightweight hoist with multiple-cable-size traction and safety systems. 4,555,091, 11-26-85, Cl. 254-267.000.

May, Michael G., to AIR Ltd. Pressure drop power generation. 4,511,806, 4-16-85, Cl. 290-43.000.

May, Michael G. Ignition device for improving the efficiency of and to reduce emissions of internal combustion engines. 4,516,548, 5-14-85, Cl. 123-260.000.

May, Michael G. Method and apparatus for controlling the composition of the combustion charge in internal combustion engines. 4,519,366, 5-28-85, Cl. 123-435.000.

May, Michael G. Thermal insulating mat. 4,533,583, 8-6-85, Cl. 428-69.000.

May, Richard L., to Mr. Gasket Company. Portable spotlight. 4,535,397, 8-13-85, Cl. 362-369.000.

May, Roderick G.: *See—*
- Clark, Duncan G. D.; Kimber, Ian D.; and May, Roderick G., 4,517,679, Cl. 375-37.000.

May, Ronald J., to American Audiographics, Inc. Promotional attachment for beverage packages. 4,511,033, 4-16-85, Cl. 206-216.000.

May, Ruth A., to E. F. Johnson Company. Process for metallization of dielectric substrate through holes. 4,544,577, 10-1-85, Cl. 427-97.000.

May, Stefan; and Muller, Hans, to GAO Gesellschaft fur Automation und Organisation mbH. Data carrier having a picture theme superimposed by a line pattern and a method of producing same. 4,513,992, 4-30-85, Cl. 283-94.000.

May, Stefan: *See—*
- Muller, Hans; and May, Stefan, 4,557,596, Cl. 355-132.000.

May, William A.: *See—*
- Sebenik, Roger F.; LaValle, Pablo P.; Laferty, John M.; and May, William A., 4,495,157, Cl. 423-54.000.

Maya, Jakob, to GTE Products Corporation. Arc discharge device with improved isotopic mixture of mercury. 4,527,086, 7-2-85, Cl. 313-485.000.

Maya, Jakob: *See—*
- Bouchard, Andre C.; Maya, Jakob; Loughridge, Fred; Andress, Charles W.; and Wierzbicki, Julian, 4,527,088, Cl. 313-493.000.
- Bouchard, Andre C.; and Maya, Jakob, 4,527,089, Cl. 313-493.000.
- Bouchard, Andre C.; Maya, Jakob; and Sentementes, Thomas, 4,536,678, Cl. 313-493.000.

Mayairi, Shinichi: *See—*
- Fishman, Jack; and Mayairi, Shinichi, 4,546,098, Cl. 514-177.000.

Mayama, Hidekiyo: *See—*
- Kobayashi, Akio; Mizoguchi, Hitoshi; Ikeda, Hisatoshi; and Mayama, Hidekiyo, 4,516,006, Cl. 200-148.00A.

Mayama, Toshio; and Iwase, Hidehiro, to Toshiba Chemical Products Co., Ltd. Conductive synthetic resin molding material. 4,530,779, 7-23-85, Cl. 252-507.000.

Maybaum, Stephen: *See—*
- Moore, John R.; and Maybaum, Stephen, 4,530,722, Cl. 106-38.350.

Maybell, Michael J.: *See—*
- Archer, Donald H.; Gilbert, Michael A.; Loomis, Robert H.; and Maybell, Michael J., 4,495,504, Cl. 343-779.000.

Mayekar, Kishor D.: *See—*
- Amstutz, Gary A.; and Mayekar, Kishor D., 4,536,322, Cl. 252-301.160.

Mayekawa Mfg. Co., Ltd.: *See—*
- Aoki, Shigetada; Usui, Masahiko; and Kitano, Kojuro, 4,558,572, Cl. 62-378.000.

Mayer, Albert: *See—*
- Pflaum, August; and Mayer, Albert, 4,509,733, Cl. 270-41.000.

Mayer, Andreas; and Niederer, Adolf, to BBC Brown, Boveri & Company, Limited. Pressure wave supercharger with rolling bearings for the rotor. 4,500,260, 2-19-85, Cl. 417-64.000.

Mayer, Andreas; El-Nashar, Ibrahim; and Spinnler, Fritz, to BBC Brown, Boveri & Company, Limited. Method and device for controlling the recirculation of exhaust gas in a pressure wave supercharger for an internal combustion engine. 4,517,950, 5-21-85, Cl. 123-559.000.

Mayer, Andreas, to BBC Brown, Boveri & Company, Limited. Supercharged internal combustion engine with exhaust particulates filter. 4,553,387, 11-19-85, Cl. 60-274.000.

Mayer, Andreas; and Stussi, Rudolf, to BBC Brown, Boveri & Company, Limited. Device for returning the blow-by rate from the crankcase into the system of a supercharged internal combustion engine. 4,557,226, 12-10-85, Cl. 123-41.860.

Mayer, Andreas: *See—*
- Jaussi, Francois A.; Mayer, Andreas; and Spinnler, Fritz W., 4,561,407, Cl. 123-559.000.
- Jenny, Ernst; Mayer, Andreas; and Moser, Peter, 4,513,571, Cl. 60-603.000.

Mayer, Arnold H., to United States of America, Air Force. Heat management system for aircraft. 4,505,124, 3-19-85, Cl. 62-180.000.

Mayer, Carl W., to Ciba-Geigy Corporation. Process for producing 3,4,9,10-tetrathioperylene and 3,4,9,10-tetraselenoperylene. 4,505,858, 3-19-85, Cl. 260-239.00R.

Mayer, Carl W.: *See—*
- Hilti, Bruno; Mayer, Carl W.; and Rihs, Grety, 4,522,754, Cl. 260-239.00R.

Mayer, David W.: *See—*
- Dahl, Roger W.; and Mayer, David W., 4,559,951, Cl. 128-642.000.

Mayer, Dean L.: *See—*
- Holbrook, Richard L.; and Mayer, Dean L., 4,538,337, Cl. 29-445.000.

Mayer, Dieter: *See—*
- Guttner, Christine; Heilmann, Peter; Kullmann, Udo; Mayer, Dieter; and Grau, Werner, 4,560,624, Cl. 428-632.000.
- Mardin, Mithat; Busse, Wolf-Dieter; Hoffmeister, Friedrich; Seuter, Friedel; Perzborn, Elisabeth; Schlossmann, Klaus; Mayer, Dieter; and Fiedler, Volker, 4,540,707, Cl. 514-404.000.

Mayer, Donald K., to Westinghouse Electric Corp. Combination refrigerant receiver, accumulator and heat exchanger. 4,537,045, 8-27-85, Cl. 62-503.000.

Mayer, Eberhard: *See—*
- Norman, Anthony W.; and Mayer, Eberhard, 4,495,181, Cl. 514-167.000.

Mayer, Edward F.; and van Blerk, Victor B., to Ricoh Company, Ltd. Electrophotographic copying apparatus including toner cleaning arrangement. 4,519,699, 5-28-85, Cl. 355-15.000.

Mayer, Edward F., to Ricoh Company, Ltd. Electrophotographic copying apparatus including specific toner fusing roll and its method of use. 4,521,095, 6-4-85, Cl. 355-3.0FU.

Mayer, Edward F., to Ricoh Company, Ltd. Electrophotographic copying apparatus including a self-cleaning developing assembly and method. 4,529,295, 7-16-85, Cl. 355-15.000.

Mayer, Edward F., to Ricoh Company, Ltd. Electrophotographic copying apparatus including an enlarged image developing station. 4,553,827, 11-19-85, Cl. 355-3.0DD.

Mayer, Edward F., to Ricoh Company, Ltd. Electrophotographic copying apparatus including electrically biased transfer station and method. 4,559,509, 12-17-85, Cl. 355-3.0TR.

Mayer, Edward H.: *See—*
- Cook, Joel M.; Flamm, Daniel L.; Mayer, Edward H.; and Seiler, Bernard C., 4,554,047, Cl. 156-643.000.

Mayer, Ferdy. EMI protected cable, with controlled symmetrical-/asymmetrical mode attenuation. 4,506,235, 3-19-85, Cl. 333-12.000.

Mayer, Ferdy. RF absorptive line with controlled low pass cut-off frequency. 4,510,468, 4-9-85, Cl. 333-12.000.

Mayer, Franz: *See—*
- Janusch, Alois; and Mayer, Franz, 4,514,912, Cl. 34-37.000.

Mayer, Frederic C. Production of metal rods. 4,510,989, 4-16-85, Cl. 164-415.000.

Mayer, Frederick J., to KMS Fusion, Inc. Materials processing using chemically driven spherically symmetric implosions. 4,552,742, 11-12-85, Cl. 423-446.000.

Mayer, Gilbert: *See—*
- Malivoir, Roger; and Mayer, Gilbert, 4,491,214, Cl. 198-374.000.
- Malivoir, Roger; and Mayer, Gilbert, 4,535,882, Cl. 198-425.000.

Mayer, Gunter; Fischer, Eberhard; and Strametz, Helmut, to Hoechst Aktiengesellschaft. Process for recovering and purifying unreacted propylene during mass polymerization of liquid propylene. 4,529,795, 7-16-85, Cl. 528-501.000.

Mayer, Herbert; and Lobach, Ernst, to Perkin-Elmer Censor Anstalt. Device for the projection printing of masks into a workpiece. 4,540,277, 9-10-85, Cl. 355-53.000.

Mayer, Herbert E., to Censor Patent- und Versuchs-Anstalt. Process and device for relatively aligning the image and object surfaces in optical copying systems. 4,496,241, 1-29-85, Cl. 356-152.000.

Mayer, James R. Pilot operated control valve for hydraulically actuated reciprocating pump. 4,552,180, 11-12-85, Cl. 137-625.660.

Mayer, Jean P.; and Wittwer, Fritz, to Warner-Lambert Company. Foam capsules. 4,500,358, 2-19-85, Cl. 106-122.000.

Mayer, Jeffrey C.: *See*—
Lastrina, Frank A.; Pommer, Leslie M.; and Mayer, Jeffrey C., 4,527,387, Cl. 60-39.092.
Mayer, Jerome F.; and Miller, Stephen J., to Chevron Research Company. Hydrocarbon conversion catalyst and process using said catalyst. 4,495,061, 1-22-85, Cl. 208-89.000.
Mayer, Johann: *See*—
Horacek, Heinrich; Wittmann, Otto; Marx, Matthias; and Mayer, Johann, 4,546,039, Cl. 428-357.000.
Mayer, Jurgen: *See*—
Kessler, Peter-Jurgen; Mayer, Jurgen; and Weiler, Paul, 4,543,682, Cl. 15-250.420.
Mayer, Karl: *See*—
Zimmer, Johannes; and Mayer, Karl, 4,550,681, Cl. 118-410.000.
Mayer, Leonard C., to Morganite Incorporated. Electrical brushes with wear sensors. 4,536,670, 8-20-85, Cl. 310-249.000.
Mayer, Linda J.: *See*—
Barbieri, Stephen C.; and Mayer, Linda J., 4,555,315, Cl. 204-52.00R.
Mayer, Manfred, to Mauser-Werke Oberndorf GmbH. Measuring head for screw thread measuring machines. 4,521,971, 6-11-85, Cl. 33-199.00B.
Mayer, Manfred: *See*—
Schippers, Heinz; Lenk, Erich; Martens, Gerhard; Mayer, Manfred; Pieper, Werner; and Putsch, Siegfried, 4,504,021, Cl. 242-18.100.
Mayer, Norbert: *See*—
Hieber, Konrad; and Mayer, Norbert, 4,543,576, Cl. 340-870.170.
Hieber, Konrad; and Mayer, Norbert, 4,562,089, Cl. 427-10.000.
Mayer, Oscar C., Jr., to Woodstream Corporation. Poultry trussing device cartridge. 4,518,083, 5-21-85, Cl. 206-340.000.
Mayer, Richard T.: *See*—
DeLoach, John R.; Harris, Robert L.; Mayer, Richard T.; and Ihler, Garret M., 4,517,080, Cl. 210-85.000.
Mayer, Robert. Lockable hitch pin. 4,526,396, 7-2-85, Cl. 280-515.000.
Mayer, Robert: *See*—
Kaye, Lawrence A.; and Mayer, Robert, 4,536,722, Cl. 331-117.00D.
Mayer, Robert A.; Reith, Michael W.; and Odell, Jack L., II, to Western Gear Corporation. System for recording the locations of workpiece defects. 4,541,011, 9-10-85, Cl. 358-106.000.
Mayer, Robert E.; Magoon, Inder K.; and West, Herbert J., to General Electric Company. In-line annular piston fixed bolt regenerative liquid propellant gun. 4,523,508, 6-18-85, Cl. 89-7.000.
Mayer, Rothkopf Industries, Inc.: *See*—
Quay, Earl R.; and Tilson, Alan L., 4,510,773, Cl. 66-9.00B.
Quay, Earl R., 4,516,292, Cl. 19-112.000.
Mayer, Theodore W., to R. R. Donnelley & Sons Company. Method and apparatus for tandem stitching of books in a bindery line. 4,519,599, 5-28-85, Cl. 270-53.000.
Mayer, Theodore W.: *See*—
Majewski, Anthony; and Mayer, Theodore W., 4,546,961, Cl. 270-53.000.
Mayer, Thomas; Temple, Michael D.; Boling, Norman L.; and Rancourt, James D., to Burroughs Corporation. Rotation coating of disk substrate with acrylate prepolymer. 4,492,718, 1-8-85, Cl. 427-160.000.
Mayer, Thomas; Boling, Norman L.; and Rancourt, James D., to Burroughs Corporation. Spiral-coated media for optical recording. 4,522,846, 6-11-85, Cl. 427-54.100.
Mayer, Walter: *See*—
Schuller, Edmund; Mayer, Walter; Hini, Eugen; Bock, Erich; and Lovas, Kurt, 4,501,116, Cl. 57-263.000.
Mayer, Walter P.; and Burns, Richard J., to Union Carbide Corporation. Water-dispersible coating compositions and process. 4,511.682, 4-16-85, Cl. 523-402.000.
Mayer, Wildman Industries, Inc.: *See*—
Tilson, Alan L.; Quay, Earl R.; and Knight, John C., 4,532,780, Cl. 66-9.00B.
Mayer, William; and Runions, Alton E., to Stewart-Warner Corporation. Dual halogen lamp assembly. 4,498,124, 2-5-85, Cl. 362-211.000.
Mayer, William; and Runions, Alton E., to Stewart-Warner Corporation. Self-housed rectangular lamp assembly with a replaceable halogen bulb lamp unit. 4,509,106, 4-2-85, Cl. 362-267.000.
Mayer, William; and Runions, Alton E., to Stewart-Warner Corporation. Rectangular halogen lamp unit and method of manufacture. 4,520,432, 5-28-85, Cl. 362-267.000.
Mayer, William; and Runions, Alton E., to Stewart-Warner Corporation. Arc tube and plastic reflector assembly method. 4,548,589, 10-22-85, Cl. 445-4.000.
Mayernick, Richard: *See*—
Teng, Yu-Ling; McCoy, Charles; DeFalco, Francis; and Mayernick, Richard, 4,533,606, Cl. 428-658.000.
Mayernik, Richard: *See*—
Teng, Yu-Ling; and Mayernik, Richard, 4,511,597, Cl. 427-53.100.
Mayers, Walter T., to Peterson American Corporation. Helical coil spring damper assemblies. 4,538,563, 9-3-85, Cl. 123-90.670.
Mayes, Daniel J., to Great Neck Saw Manufacturing, Inc. Top-view-reading level. 4,492,038, 1-8-85, Cl. 33-379.000.
Mayes, Thomas L. Iceboard. 4,521,029, 6-4-85, Cl. 280-7.140.
Mayfield, Glenn A., to Duncan Electric Company, Inc. Power transducer. 4,514,686, 4-30-85, Cl. 324-142.000.
Mayfield, Glenn A.: *See*—
Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.
Mayfield, Harvey G. Weight measurement apparatus. 4,491,190, 1-1-85, Cl. 177-139.000.
Mayfield, John M., Jr.; and Haselswerdt, Vernon, to Microphor, Inc. Temperature controlled valve mechanism and method. 4,508,132, 4-2-85, Cl. 137-62.000.
Mayfield, William C. Mask transference and alignment apparatus. 4,548,493, 10-22-85, Cl. 355-125.000.
Mayflower Electronic Devices Inc.: *See*—
Meenen, Raymond P., 4,496,337, Cl. 493-14.000.
Mayhew, Harry W.; French, Richard J.; and Rekers, Louis J., to National Petro Chemicals Corporation. Inclusion of oxygen in the polymerization of olefins. 4,540,755, 9-10-85, Cl. 526-100.000.
Mayhew, Raymond L.; and O'Lenick, Anthony J., to Mona Industries, Inc. Phosphate quaternary compounds. 4,503,002, 3-5-85, Cl. 260-945.000.
Maykel, William M. Measurement of peripheral strength. 4,539,756, 9-10-85, Cl. 33-515.000.
Maykut, Dennis J.: *See*—
Shoup, Thomas E.; Maykut, Dennis J.; and Eagar, Thomas W., 4,531,042, Cl. 219-99.000.
Maynard, Roosevelt, Jr.: *See*—
Vahratian, Adam; Maynard, Roosevelt, Jr.; Croswhite, Howard L.; and Liang, Po-lung, 4,509,389, Cl. 74-695.000.
Mayne, W. Harry; and Zilkha, Sasson, to Geosource Inc. Method and apparatus for seismic exploration using nonlinear sweeps. 4,512,001, 4-16-85, Cl. 367-189.000.
Mayo Foundation: *See*—
Dewanjee, Mrinal K., 4,553,974, Cl. 8-94.110.
Gilbert, Barry K.; and Schwab, Daniel J., 4,551,746, Cl. 357-74.000.
Gilbert, Barry K.; and Schwab, Daniel J., 4,551,747, Cl. 357-74.000.
Mayo, Franklin W.; and Smither, Miles A., to Geosource Inc. Electronic filter. 4,510,585, 4-9-85, Cl. 367-43.000.
Mayo, George L.: *See*—
Dunn, Jimmy L.; Mayo, George L.; and Romeo, Frank C., 4,520,550, Cl. 29-568.000.
Mayo, Irving A., to Artistic Desk Pad & Novelty Co., Inc. Tray stacking. 4,534,475, 8-13-85, Cl. 211-126.000.
Mayo, John H. Device and method to enable detection and measurement of deformities in well components. 4,537,069, 8-27-85, Cl. 73-432.00R.
Mayo, John H. Process of testing blow-out preventer without pulling the wear bushing. 4,559,809, 12-24-85, Cl. 73-40.50R.
Mayo, Kenneth R.: *See*—
Comeau, Joseph H.; Kowles, Joseph E.; Lareau, John P.; Mayo, Kenneth R.; and Runde, Herbert A., 4,493,155, Cl. 33-366.000.
Mayor Pharmaceutical Laboratories, Inc.: *See*—
Deihl, Joseph A., 4,525,341, Cl. 424-43.000.
Mayor, Robert B., to Boeing Company, The. Adaptor for clamping optical scale on tooling button. 4,498,245, 2-12-85, Cl. 33-286.000.
Mayoux, Jean-Jacques, to Electronique Marcel Dassault. Installation for the transmission of informations by an optical bus line. 4,494,241, 1-15-85, Cl. 375-76.000.
Mayr, Adolfe; Susa, Ermanno; Leccese, Antonio; Davoli, Velmore; and Giachetti, Ettore, to Montecatini Edison S.p.A. Polymerization catalysts. 4,544,717, 10-1-85, Cl. 526-125.000.
Mayr, Adolfo; Susa, Ermanno; and Giachetti, Ettore, to Montecatini Edison S.p.A. Components of catalysts for the polymerization of olefins. 4,495,338, 1-22-85, Cl. 526-125.000.
Mayr, Adolfo; Giannini, Umberto; Susa, Ermanno; Longi, Paolo; Giachetti, Ettore; and DeLuca, Domenico, to Montedison S.p.A. Polymerization catalysts. 4,542,198, 9-17-85, Cl. 526-125.000.
Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, to Escher Wyss GmbH. Method for defiberizing waste paper in a thick stock range. 4,538,765, 9-3-85, Cl. 241-21.000.
Mayraz, Eliezer: *See*—
Kliatzkin, Vladimir; Krimerman, Joseph; and Mayraz, Eliezer, 4,547,124, Cl. 416-86.000.
Mayrhofer, Max: *See*—
Fastner, Thorwald; Mayrhofer, Max; and Taschner, Walter, 4,493,452, Cl. 228-158.000.
Mays, Alfred T., to Chicopee. Water impervious materials. 4,522,203, 6-11-85, Cl. 128-132.00D.
Mays, Alfred T., to Chicopee. Entangled nonwoven fabric made of two fibers having different lengths in which the shorter fiber is a conjugate fiber in which an exposed component thereof has a lower melting temperature than the longer fiber and method of making same. 4,555,430, 11-26-85, Cl. 428-134.000.
Mays, Thomas D.: *See*—
Keggins, Kathleen M.; Davis, Ann C.; Sybert, Edward M.; Mays, Thomas D.; and Milch, Robert A., 4,544,637, Cl. 435-253.000.
Maysteel Corporation: *See*—
Karst, Daniel; Strege, Gary; and Larsen, E. Richard, 4,541,409, Cl. 126-299.00D.
Moon, Michael L., 4,493,312, Cl. 126-299.00D.
Mayston, Donald: *See*—
Elworthy, John H.; and Mayston, Donald, 4,517,036, Cl. 156-64.000.
Maytag Company, The: *See*—
Bales, Michael E., 4,517,886, Cl. 99-425.000.
Bales, Michael E., 4,526,332, Cl. 248-27.100.
Bales, Michael E.; and Schmidt, Wallace E., 4,527,542, Cl. 126-299.00D.
Cotton, Curran D., 4,510,778, Cl. 68-12.00R.

  - Cotton, Curran D.; Ellingson, David L.; Noe, William J.; and Wilson, James D., 4,531,387, Cl. 68-3.00R.
  - Ellingson, David L.; and Wilson, James D., 4,510,777, Cl. 68-12.00R.
  - Kuecker, Pamela M., 4,531,307, Cl. 34-48.000.
  - Levi, David E., 4,512,331, Cl. 126-190.000.
  - McNally, William J.; and Mellinger, John C., 4,510,776, Cl. 68-3.00R.
  - Nelson, Robert B., 4,493,410, Cl. 194-1.00G.
  - Simon, Donald J., 4,549,052, Cl. 219-10.49R.
  - Wunderlich, Daniel F., 4,526,535, Cl. 432-105.000.
- **Mayumi, Nobuo:** *See—*
  - Kato, Hidetoshi; Sada, Takeshi; Mayumi, Nobuo; and Matsuhashi, Hajime, 4,525,662, Cl. 322-28.000.
- **Mayzaud, Maurice P.:** *See—*
  - Barouk, Louis S.; and Mayzaud, Maurice P., 4,546,557, Cl. 36-110.000.
- **Mazak, Ivan:** *See—*
  - Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, 4,549,742, Cl. 280-11.180.
- **Mazanec, Terry J.; and Frye, John G., Jr., to Standard Oil Company, The.** Copper-zirconium-manganese-containing catalysts. 4,559,316, 12-17-85, Cl. 502-73.000.
- **Mazanek, Jan:** *See—*
  - Boehmke, Gunther; Mazanek, Jan; Botsch, Hans-Jurgen; and Schneider, Gottfried, 4,547,199, Cl. 44-51.000.
- **Mazda Motor Corporation:** *See—*
  - Aizawa, Makoto; Kishimoto, Tsuneo; and Tanimoto, Yoshio, 4,501,790, Cl. 428-283.000.
  - Akutagawa, Hitoshi; Shigemasa, Masayoshi; and Hayashi, Hiroaki, 4,541,503, Cl. 180-249.000.
  - Choushi, Masahiro; and Yahiro, Tetsuji, 4,516,546, Cl. 123-195.00A.
  - Fujii, Hiroshi; Okamoto, Akito; and Watanabe, Tuyoshi, 4,504,919, Cl. 364-478.000.
  - Harasaki, Hayathugu, 4,545,612, Cl. 296-185.000.
  - Harasaki, Hayathugu; and Matsuura, Osamu, 4,552,400, Cl. 296-185.000.
  - Hayama, Nobuhiro; Kinjyo, Masasige; Okimoto, Haruo; and Matsuda, Ikuo, 4,494,506, Cl. 123-348.000.
  - Hitomi, Mitsuo; and Oda, Hiroyuki, 4,543,931, Cl. 123-308.000.
  - Inoue, Hitoshi, 4,511,160, Cl. 280-701.000.
  - Ishimitsu, Ikuo; Tokunaga, Toshimichi; Tanaka, Takeshi; and Anan, Yoshiaki, 4,555,126, Cl. 280-707.000.
  - Kanazawa, Hirotaka, 4,522,279, Cl. 180-143.000.
  - Kanazawa, Hirotaka, 4,524,842, Cl. 180-132.000.
  - Kanazawa, Hirotaka; Takatani, Teruhiko; and Takata, Naoto, 4,552,239, Cl. 180-140.000.
  - Kanno, Yoshiaki; and Nakazumi, Tadataka, 4,561,404, Cl. 123-492.000.
  - Kawachi, Masayuki; and Kono, Yasushi, 4,557,241, Cl. 123-585.000.
  - Kiba, Hiroshi; Itoh, Yoshimasa; and Kiryu, Kiyuji, 4,498,414, Cl. 118-663.000.
  - Kido, Yoshinobu, 4,559,913, Cl. 123-352.000.
  - Kijima, Takao; and Maebayashi, Jiro, 4,526,400, Cl. 280-701.000.
  - Kijima, Takao; and Maebayashi, Jiro, 4,529,221, Cl. 280-701.000.
  - Kijima, Takao; and Maebayashi, Jiro, 4,529,222, Cl. 280-701.000.
  - Kijima, Takao; Maebayashi, Jiro; and Ando, Fumitaka, 4,530,513, Cl. 280-701.000.
  - Kijima, Takao; Maebayashi, Jiro; and Ando, Fumitaka, 4,536,007, Cl. 280-701.000.
  - Kijima, Takao; and Maebayashi, Jiro, 4,542,920, Cl. 280-701.000.
  - Komatsu, Nobuhiro; Fujimoto, Minoru; Hirata, Kazuyuki; and Yamane, Makoto, 4,542,934, Cl. 296-194.000.
  - Maebayashi, Jiro, 4,491,341, Cl. 280-688.000.
  - Maebayashi, Jiro; and Kijima, Takao, 4,529,223, Cl. 280-701.000.
  - Maeda, Tooru; and Yajima, Tsunao, 4,495,929, Cl. 123-569.000.
  - Mashimo, Tohru; Nishio, Takashi; and Satoh, Osamu, 4,501,199, Cl. 102-313.000.
  - Mashimo, Tohru; and Satoh, Osamu, 4,508,035, Cl. 102-313.000.
  - Masuda, Shunji; Nakaya, Hisashi; and Okazaki, Katumi, 4,556,026, Cl. 123-198.00F.
  - Matsumoto, Tokuichi, 4,561,389, Cl. 123-425.000.
  - Matsuura, Osamu, 4,557,519, Cl. 296-204.000.
  - Matuo, Yuji, 4,545,344, Cl. 123-286.000.
  - Miyata, Jun; Yagii, Koji; and Shimizu, Tsutomu, 4,545,825, Cl. 148-3.000.
  - Morita, Yasuyuki, 4,556,025, Cl. 123-198.00F.
  - Moriyama, Naomune; and Ohtani, Fumiyuki, 4,516,191, Cl. 362-65.000.
  - Nagamoto, Yoshihito; and Ozeki, Sadao, 4,509,790, Cl. 296-204.000.
  - Nagao, Akihito; Takahashi, Kouichi; Masuda, Shunji; Fujimoto, Misao; and Nishikawa, Toshio, 4,552,112, Cl. 123-432.000.
  - Nagaoka, Mitsuru; and Yasuno, Mitsuo, 4,497,222, Cl. 74-866.000.
  - Nagaoka, Mitsuru; and Yasuno, Mitsuo, 4,517,859, Cl. 74-866.000.
  - Nagaoka, Mitsuru; Oda, Kazuya; and Sumida, Shizuo, 4,519,484, Cl. 192-3.580.
  - Nakamoto, Hiromasa; Natsuaki, Yukinobu; Michihira, Osamu; and Shoji, Futoshi, 4,561,527, Cl. 192-4.00C.
  - Nishikawa, Toshio; Kaneko, Tadashi; and Othuka, Kazutoshi, 4,517,947, Cl. 123-489.000.
  - Nishimura, Hirofumi; Oda, Hiroyuki; Kaneko, Tadashi; Takai, Akira; and Takeuchi, Nobuo, 4,522,179, Cl. 123-481.000.
  - Nishimura, Hirofumi, 4,530,333, Cl. 123-489.000.
  - Oda, Hiroyuki; Morita, Yasuyuki; and Nagao, Akihito, 4,519,350, Cl. 123-308.000.
  - Oda, Tatsuro; Tanaka, Hideki; Yoshioka, Sadashichi; and Yokooku, Katsuhiko, 4,508,076, Cl. 123-339.000.
  - Oishi, Masatoshi, 4,509,355, Cl. 72-325.000.
  - Okimoto, Haruo; and Matsuda, Ikuo, 4,554,890, Cl. 123-26.000.
  - Okino, Yoshinori, 4,552,115, Cl. 123-489.000.
  - Okoh, Tomio; Matsumoto, Tomoaki; and Hirokawa, Noboru, 4,531,893, Cl. 417-220.000.
  - Otani, Toshiaki; Chihara, Takeshi; and Nishikori, Tsutomu, 4,533,027, Cl. 192-8.00C.
  - Sakurai, Shigeru; and Hamada, Shigeki, 4,512,786, Cl. 55-282.000.
  - Sakurai, Shigeru; Oda, Hiroyuki; Satow, Haruhiko; and Okimoto, Haruo, 4,527,534, Cl. 123-559.000.
  - Satow, Haruhiko; Okimoto, Haruo; Sakurai, Shigeru; and Oda, Hiroyuki, 4,498,429, Cl. 123-26.000.
  - Tadokoro, Tomoo; and Akagi, Toshimichi, 4,502,435, Cl. 123-198.00F.
  - Tahara, Yoshitaka, 4,552,111, Cl. 123-425.000.
  - Takeuchi, Nobuo; Kaneko, Tadashi; Nakazumi, Tadataka; and Yokooku, Katsuhiko, 4,508,078, Cl. 123-399.000.
  - Takubo, Hiroichi; and Sasaki, Hiroshi, 4,543,926, Cl. 123-242.000.
  - Tanaka, Fusatoshi, 4,534,325, Cl. 123-90.270.
  - Tanaka, Hideki; Kamimura, Masanori; Horikawa, Koji; and Kawasaki, Katsuyuki, 4,525,158, Cl. 474-167.000.
  - Tanaka, Toshimitsu; Abe, Ryoji; and Asanomi, Koji, 4,541,399, Cl. 123-573.000.
  - Tsuchida, Tsuyoshi; and Kido, Yoshinobu, 4,510,902, Cl. 123-325.000.
  - Tsuchida, Tsuyoshi; Kido, Yoshinobu; Kakumoto, Hideki; and Tanaka, Yuzuru, 4,512,313, Cl. 123-440.000.
  - Wakasa, Akinori, 4,530,323, Cl. 123-41.770.
  - Yahiro, Tetsuji; and Ishimi, Haruyoshi, 4,494,494, Cl. 123-55.0VS.
  - Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.
  - Yokooku, Katsuhiko; Kaneko, Tadashi; and Nakazumi, Tadataka, 4,532,905, Cl. 123-443.000.
- **Mazeau, Jean P.:** *See—*
  - Boudot, Jean E.; Mazeau, Jean P.; and Prassas, Michel, 4,540,672, Cl. 501-65.000.
- **Mazeau, Jean-Pierre:** *See—*
  - Barlier, Pernette R. M.; Boury, Gerard R.; and Mazeau, Jean-Pierre, 4,532,221, Cl. 501-22.000.
  - Barlier, Pernette R. M.; and Mazeau, Jean-Pierre, 4,532,223, Cl. 501-32.000.
- **Mazeaud, Georges:** *See—*
  - Kervistin, Robert; Lardellier, Alain M. J.; Mazeaud, Georges; and Crozet, Francois E. G., 4,500,143, Cl. 384-467.000.
- **Mazeke, Herbert F.:** *See—*
  - Duke, June T.; Mazeke, Herbert F.; and Prem, Dorothy C., 4,504,605, Cl. 523-201.000.
- **Mazer Corporation, The:** *See—*
  - Panken, Irving, 4,525,214, Cl. 106-19.000.
- **Mazin, Moshe; and Engeler, William E., to General Electric Company.** Five-transistor static memory cell implemental in CMOS/bulk. 4,499,558, 2-12-85, Cl. 365-182.000.
- **Mazin, Moshe; and Engeler, William E., to General Electric Company.** Cross-coupled transistor memory cell for MOS random access memory of reduced power dissipation. 4,506,349, 3-19-85, Cl. 365-189.000.
- **Mazin, Moshe; and Engeler, William E., to General Electric Company.** CMOS D-type latch employing six transistors and four diodes. 4,521,695, 6-4-85, Cl. 307-279.000.
- **Mazis, Bernard, to Keystone Lighting Corporation.** Fluorescent lamp system. 4,504,891, 3-12-85, Cl. 362-219.000.
- **Mazo, Boris M.; and Feklin, Valentin I., to Dnepropetrovsky Inzhenerno Stroitelny Institut.** Tool for forming earth holes having fixed walls and method therefor. 4,496,011, 1-29-85, Cl. 175-19.000.
- **Mazon, Meyer I.:** *See—*
  - Alloca, Robert E.; and Mazon, Meyer I., 4,505,647, Cl. 417-252.000.
- **Mazor, Boris B., to Coard, Floyd A.** Fractured femur fixation system. 4,561,432, 12-31-85, Cl. 128-92.0BA.
- **Mazuda, Hiroo:** *See—*
  - Tamehiro, Hiroshi; Mazuda, Hiroo; Ohashi, Mamoru; and Onoe, Yasumitsu, 4,521,258, Cl. 148-12.00F.
- **Mazuer, Jean:** *See—*
  - Chaussy, Jacques; Genicon, Jean-Louis; Mazuer, Jean; Pilon, Jean; and Sulpice, Andre, 4,558,512, Cl. 29-599.000.
- **Mazumder, Ali T., to NCR Canada Ltd.** Fast impact hammer for high speed printer. 4,522,122, 6-11-85, Cl. 101-93.020.
- **Mazur, Edward J.:** *See—*
  - Voltmer, Helmut; Schwenzer, Alfred F.; and Mazur, Edward J., 4,502,910, Cl. 156-361.000.
  - Voltmer, Helmut; Schwenzer, Alfred F.; and Mazur, Edward J., 4,555,299, Cl. 156-552.000.
- **Mazur, Richard J.:** *See—*
  - Wood, James A.; and Mazur, Richard J., 4,491,920, Cl. 364-426.000.
- **Mazur, Robert H.:** *See—*
  - Hansen, Donald W., Jr.; Jones, David A., Jr.; Mazur, Robert H.; and Schlatter, James M., 4,495,178, Cl. 514-17.000.
- **Mazur, Stephen, to Du Pont de Nemours, E. I., and Company.** Deposition of metals as interlayers within organic polymeric films. 4,512,855, 4-23-85, Cl. 204-22.000.
- **Mazurek, Harry; Day, David R.; Maby, Edward W.; and Abel, Jonathan S., to Massachusetts Institute of Technology.** Conductive polymers formed by ion implantation. 4,491,605, 1-1-85, Cl. 427-38.000.

Mazzagatti, Concezio. Self-sealing abutment. 4,514,154, 4-30-85, Cl. 418-129.000.

Mazzawy, Robert S.: *See—*

Callahan, David J.; Mazzawy, Robert S.; Stryker, Howard Y.; and Kelly, James B., 4,550,564, Cl. 60-39.093.

Mazzeo, Michael P.: *See—*

Kirby, Michael D.; and Mazzeo, Michael P., 4,525,511, Cl. 524-158.000.

Rizk, Sidky D.; Hsieh, Harry W. S.; and Mazzeo, Michael P., 4,491,650, Cl. 525-102.000.

Mazzini, Giuseppe: *See—*

Bernardi, Luigi; Lazzari, Ettore; Malnati, Maria L.; Mazzini, Giuseppe; Pegrassi, Lorenzo; and Rossi, Alessandro, 4,558,049, Cl. 514-234.000.

Mazzini, Mazzino, to Alamak SA. Actuating device for reciprocating grippers in shuttleless looms. 4,526,212, 7-2-85, Cl. 139-449.000.

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Sangiorgi, Mario, 4,505,366, Cl. 192-18.00B.

Mazziotti, Philip J., to Zeller Corporation, The. Mounting for a bearing cup of a universal joint. 4,505,689, 3-19-85, Cl. 464-130.000.

Mazziotti, Philip J., to Zeller Corporation, The. Universal joint seal with multiple lips. 4,515,574, 5-7-85, Cl. 464-131.000.

Mazziotti, Philip J., to Zeller Corporation, The. Internal universal joint seal with multiple lips. 4,530,675, 7-23-85, Cl. 464-131.000.

Mazziotti, Philip J., to Zeller Corporation, The. Universal joint employing bearing rollers. 4,541,819, 9-17-85, Cl. 464-144.000.

Mazzola, Massimo; and Cipriani, Aldo, to SNIA Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A. Liquid foams of reinforced unsaturated polyester resins and process for making the same. 4,515,908, 5-7-85, Cl. 521-182.000.

Mazzoni, Aldo, to Costruzioni Meccaniche G. Mazzoni S.p.A. High efficiency, fast extruders for extruding and refining soap and detergents. 4,510,110, 4-9-85, Cl. 264-176.00R.

Mazzorana, Alfred B., to Societe de Paris et du Rhone. System for controlling the advance and rotation of the actuator of a starter for heat engine. 4,503,338, 3-5-85, Cl. 290-38.00R.

Mazzorana, Alfred B., to Societe Paris-Rhone. Starter for heat engine comprising a reinforced support. 4,553,442, 11-19-85, Cl. 74-7.00A.

Mazzucco, Daniel: *See—*

Terraillon, Marc; and Mazzucco, Daniel, 4,532,411, Cl. 219-245.000.

MB-80 Energy Corporation: *See—*

Filatovs, George J.; and McGinness, John E., 4,504,557, Cl. 429-192.000.

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McAdams, Hugh P., to Texas Instruments Incorporated. CMOS address buffer circuit. 4,561,702, 12-31-85, Cl. 307-475.000.

McAfee, Christopher: *See—*

Volk, Andrew; and McAfee, Christopher, 4,546,472, Cl. 371-15.000.

McAfer Richard C., to SWS Silicones Corporation. Curable organopolysiloxane compositions. 4,558,109, 12-10-85, Cl. 528-15.000.

McAfee, Richard C.: *See—*

Bennington, Lester D.; and McAfee, Richard C., 4,526,955, Cl. 528-33.000.

Shen, Ming; and McAfee, Richard C., 4,546,164, Cl. 528-15.000.

Streusand, Marie J.; Getson, John C.; and McAfee, Richard C., 4,544,696, Cl. 524-428.000.

McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, to Texas Instruments Incorporated. High performance dynamic sense amplifier with voltage boost for row address lines. 4,533,843, 8-6-85, Cl. 307-530.000.

McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, to Texas Instruments Incorporated. High performance dynamic sense amplifier voltage boost for row address lines. 4,543,500, 9-24-85, Cl. 307-530.000.

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McAliley, J. Eugene; Daumit, Gene P.; and Ethridge, Fredrick A., to Celanese Corporation. Production of a carbon fiber multifilamentary tow which is particularly suited for resin impregnation. 4,534,919, 8-13-85, Cl. 264-29.200.

McAlister, George A. Animal herd management system. 4,503,808, 3-12-85, Cl. 119-1.000.

McAllise, Raymond J. Current sensing device and monitor. 4,558,310, 12-10-85, Cl. 340-661.000.

McAllister, Don M., to Am-Air Limited Partnership. Air ionizer for internal combustion engines. 4,519,357, 5-28-85, Cl. 123-539.000.

McAllister, George P.: *See—*

Robinson, Thomas D.; Sharp, Lewis A., Jr.; and McAllister, George P., 4,491,990, Cl. 4-607.000.

McAllister, John E., Jr., to United States of America, Energy. Vortex-augmented cooling tower-windmill combination. 4,499,034, 2-12-85, Cl. 261-109.000.

McAloon, Kevin: *See—*

Briggs, Peter J.; and McAloon, Kevin, 4,532,176, Cl. 428-288.000.

Briggs, Peter J.; McAloon, Kevin; and Rideal, Graham R., 4,543,287, Cl. 428-288.000.

McAloon, Kevin T.; Heeson, Iona E.; and Cleaver, Gordon E., to Imperial Chemical Industries PLC. Production of vermiculite products. 4,539,046, 9-3-85, Cl. 106-121.000.

McAlpine & Co., Ltd.: *See—*

McAlpine, James E., 4,518,014, Cl. 137-843.000.

McAlpine, James E., to McAlpine & Co., Ltd. Relief valves for sanitation systems or the like. 4,518,014, 5-21-85, Cl. 137-843.000.

McAnallan, John: *See—*

Engelson, Steven N.; and McAnallan, John, 4,559,588, Cl. 362-196.000.

McAndless, John M., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence. Constant pressure/G-force diffusion cell system. 4,548,072, 10-22-85, Cl. 73-159.000.

McAneney, T. Brian; Loutfy, Rafik O.; Ong, Beng S.; and Popovic, Zoran D., to Xerox Corporation. Stabilized photoresponsive devices containing electron transporting layers. 4,559,287, 12-17-85, Cl. 430-59.000.

McAninch, Terry L.: *See—*

Swanson, Harley D.; McAninch, Terry L.; and Conner, J. Keith, 4,548,608, Cl. 8-94.160.

McAnney, William H., to International Business Machines Corporation. Parallel path self-testing system. 4,503,537, 3-5-85, Cl. 371-25.000.

McAnney, William H.: *See—*

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McArdle, Francis H., to Boeing Company, The. Helicopter rotor control system with integrated hub. 4,534,704, 8-13-85, Cl. 416-158.000.

McArdle, Francis H.; and Schneider, Earl, to Boeing Company, The. Method of fabricating a helicopter rotor hub. 4,542,567, 9-24-85, Cl. 29-156.80R.

McArdle, Francis H.; and Schneider, Earl, to Boeing Company, The. Helicopter rotor system. 4,543,040, 9-24-85, Cl. 416-134.00A.

McArthur, William A.: *See—*

Crawford, Lynn; and McArthur, William A., 4,493,329, Cl. 128-786.000.

McArthur, William J.; and Kelm, Roger W., to Duracell Inc. Battery assembly. 4,547,438, 10-15-85, Cl. 429-82.000.

McArthur, William J.: *See—*

Kelm, Roger W.; Merry, Glenn W.; and McArthur, William J., 4,535,036, Cl. 429-99.000.

McAuliffe, Gerald N., to Outboard Marine Corporation. Gas controlled battery charging system using a gas detector. 4,551,667, 11-5-85, Cl. 320-46.000.

McAuliffe, Lawrence, Jr.; and Chauvin, Richard, to Colt Industries Operating Corp. Fuel injection apparatus and system. 4,524,743, 6-25-85, Cl. 123-438.000.

McAuliffe, Robert E., to Outboard Marine Corporation. State of charge indicator. 4,520,353, 5-28-85, Cl. 340-636.000.

McBean, Lionel B.: *See—*

Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.

McBee, David G.: *See—*

Sundberg, Donald C.; Bishop, Paul L.; and McBee, David G., 4,534,865, Cl. 210-692.000.

McBee, Gerald. Door hinge aligning tool and method. 4,555,929, 12-3-85, Cl. 72-458.000.

McBiles, Carol D., to Motorola, Inc. PSK modulator with noncollapsable output for use with a PLL power amplifier. 4,528,526, 7-9-85, Cl. 332-16.00R.

McBiles, Carol D., to Motorola, Inc. Universal ultra-precision PSK modulator with time multiplexed modes of varying modulation types. 4,562,415, 12-31-85, Cl. 332-9.00R.

McBrayer, Carl L. Means for killing flying insects and for discharging an attractant therefrom. 4,519,160, 5-28-85, Cl. 43-113.000.

McBrearty, Michael; Negin, Michael; Weilerstein, I. Marvin; and Zielenski, Albert J., to Kulicke and Soffa Industries Inc. Apparatus for detecting missing wires. 4,558,596, 12-17-85, Cl. 73-588.000.

McBride, Donald G.: *See—*

Canestaro, Michael J.; Kaschak, Ronald A.; McBride, Donald G.; and Seraphim, Donald P., 4,554,184, Cl. 427-345.000.

Gazdik, Charles E.; and McBride, Donald G., 4,517,051, Cl. 156-644.000.

McBride, Edward D.: *See—*

Hall, Charles B.; McBride, Edward D.; and Young, Robert F., 4,498,871, Cl. 440-61.000.

McBride, Joseph R., to Bridges Electric, Inc. Remote current detector. 4,539,520, 9-3-85, Cl. 324-117.00H.

McBride, Lyle E.: *See—*

Grenier, Aime J.; and McBride, Lyle E., 4,533,888, Cl. 335-131.000.

McBride, Mark A. Insulated panel system for storage tanks. 4,534,490, 8-13-85, Cl. 220-435.000.

McBride, Marvin A.: *See—*

Bagnall, Christopher; and McBride, Marvin A., 4,558,202, Cl. 219-137.0WM.

McBrien, Gregory J., to United Technologies Corporation. Serial to parallel data conversion circuit. 4,556,850, 12-3-85, Cl. 328-72.000.

McCabe, Barkman C.; and Zajac, Edward, to Magma Power Company. Geothermal salinity control system. 4,492,083, 1-8-85, Cl. 60-641.500.

McCabe, Barkman C., Jr. Ozone treatment system for food. 4,549,477, 10-29-85, Cl. 99-477.000.

McCabe, Bernard J.; and Courtney, David T., to Ford Motor Company. Flushable metering pump. 4,534,717, 8-13-85, Cl. 418-181.000.

- McCabe, Dennis; and Soper, Richard S., to United States of America, Agriculture. Preparation of an entomopathogenic fungal insect control agent. 4,530,834, 7-23-85, Cl. 424-93.000.
- McCabe, Francis B. Adjustable tensioning device. 4,537,388, 8-27-85, Cl. 254-232.000.
- McCabe, Francis J. Insulated lay-in diffuser. 4,494,449, 1-22-85, Cl. 98-40.050.
- McCabe, Francis J. Damper operator for use with air, smoke and fire dampers. 4,555,981, 12-3-85, Cl. 98-1.000.
- McCabe, Graham, to Ford Motor Company. Ball joints and liners therefor. 4,511,277, 4-16-85, Cl. 403-140.000.
- McCabe, Joseph H., III: *See—*
  - Davies, Alan; McCabe, Joseph H., III; and Kopil, Steven J., 4,502,224, Cl. 33-1.00V.
- McCabe, Robert J.: *See—*
  - Evans, William P.; McCabe, Robert J.; and Naviasky, Eric H., 4,506,171, Cl. 307-362.000.
- McCafferty, Gerald P.; Navoczynski, Stanley J.; and Kinkle, Robert W., to Budd Company, The. Adhesively bonded trailer including fiber reinforced panels. 4,498,264, 2-12-85, Cl. 52-281.000.
- McCaffrey, David J. A.; and Sheppard, John P., to Coal Industry (Patents) Limited. Froth flotation. 4,528,107, 7-9-85, Cl. 252-61.000.
- McCaffrey, David J. A.: *See—*
  - Wilson, James; and McCaffrey, David J. A., 4,562,165, Cl. 502-33.000.
- McCaffrey, Donald B.: *See—*
  - Church, Royce F.; McCaffrey, Donald B.; and Plude, Leo W., 4,522,359, Cl. 244-129.500.
- McCaffrey, Eugene F.; Dieterman, Alfred J.; and Knazko, Luba, to National Distillers and Chemical Corporation. Defoamer and processing aid for wet process phosphoric acid. 4,540,511, 9-10-85, Cl. 252-321.000.
- McCaig, John R., to McNold Corp. Quick release clamp for battery cable connector. 4,537,460, 8-27-85, Cl. 339-235.000.
- McCain, Conrad L. Marine propeller lock. 4,538,962, 9-3-85, Cl. 416-146.00R.
- McCain, David L.: *See—*
  - Choi, Dai-Shik; and McCain, David L., 4,496,191, Cl. 299-17.000.
- McCain, G. Howard; Benezra, Leo L.; and Finch, Craig E., to Eltech Systems Corporation. Cation exchange electrolytic cell membranes and method for making and repairing. 4,535,112, 8-13-85, Cl. 524-233.000.
- McCain, Iona I. Golf club and golf club support. 4,545,579, 10-8-85, Cl. 273-162.00R.
- McCain, James H., to Union Carbide Corporation. Process for oxydehydrogenation of ethane to ethylene. 4,524,236, 6-18-85, Cl. 585-658.000.
- McCain Manufacturing Corporation: *See—*
  - Bulka, Raymond I.; Ketcham, Russell S.; and Mak, Kelvin K., 4,525,118, Cl. 414-43.000.
  - McCain, William B.; and Bewersdorf, Elmer, 4,519,598, Cl. 270-53.000.
  - McCain, William B.; and Higgins, George D., 4,537,342, Cl. 227-78.000.
  - Weller, Ronald W.; and Drope, Terrence H., 4,549,730, Cl. 271-100.000.
- McCain, William B.; and Bewersdorf, Elmer, to McCain Manufacturing Corporation. Signature gathering machine with segment wheel calibrated to main drive shaft. 4,519,598, 5-28-85, Cl. 270-53.000.
- McCain, William B.; and Higgins, George D., to McCain Manufacturing Corporation. Binding machine for a signature machine. 4,537,342, 8-27-85, Cl. 227-78.000.
- McCall, Francis L., to Specified Ceiling Systems. Drop ceiling framework. 4,542,615, 9-24-85, Cl. 52-729.000.
- McCall, John M., to Upjohn Company, The. 2-benzoxepins. 4,556,656, 12-3-85, Cl. 514-227.000.
- McCall, John M.; and Lahti, Robert A., to Upjohn Company, The. N-(2-amino-cycloalkenyl)benzeneacetamide and -benzamide analgesics and tritiated kappa agonists therefrom. 4,560,767, 12-24-85, Cl. 548-578.000.
- McCall, Kenneth E.: *See—*
  - Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., 4,527,037, Cl. 219-69.00R.
  - Johnson, David E.; and McCall, Kenneth E., 4,540,225, Cl. 339-16.0RC.
- McCall, Thomas J.: *See—*
  - Miller, Leslie A.; and McCall, Thomas J., 4,552,513, Cl. 417-18.000.
- McCallion, Joseph J.: *See—*
  - Giles, George B.; Ross, Donald B.; McCallion, Joseph J.; and Sherritt, William C., 4,545,759, Cl. 431-344.000.
- McCallister, John. Golf club head with visual swing-directing cues. 4,550,914, 11-5-85, Cl. 273-183.00D.
- McCallister, Ronald D.; and Crawford, James J., to Motorola, Inc. Multi-rate branch metric processor for maximum-likelihood convolutional decoder. 4,500,994, 2-19-85, Cl. 371-43.000.
- McCallister, Ronald D., to Motorola, Inc. Low signal-to-noise ratio symbol synchronizer. 4,531,224, 7-23-85, Cl. 375-110.000.
- McCallum, Michael. Wheelchair transporting with selectively raisable platform means. 4,518,057, 5-21-85, Cl. 180-210.000.
- McCallum, Neville C. Racetracks. 4,498,666, 2-12-85, Cl. 272-5.000.
- McCammon, Patrick R., to Amana Refrigeration, Inc. Bearing support for microwave oven antenna. 4,546,225, 10-8-85, Cl. 219-10.55F.
- McCammon, Patrick R.; Blackburn, Louis W.; and Hershberger, Bernard J., to Amana Refrigeration, Inc. Microwave oven cavity air flow system. 4,556,772, 12-3-85, Cl. 219-10.55F.
- McCan, Duane A.; and Smith, Carl L., Jr., to Valley Sales Co. Animal headgate. 4,517,924, 5-21-85, Cl. 119-98.000.
- McCandless, Doyle W.: *See—*
  - Harder, John O.; McCandless, Doyle W.; and Peterson, Michael W., 4,532,689, Cl. 29-426.500.
- McCandless, Harry E., to RCA Corporation. Multibeam electron gun with composite electrode having plurality of separate metal plates. 4,500,808, 2-19-85, Cl. 313-409.000.
- McCandless, James C., to International Harvester Company. Dynamic engine power assessment. 4,501,138, 2-26-85, Cl. 73-116.000.
- McCandless, Thomas J.: *See—*
  - Wilde, Sheldon L.; McCandless, Thomas J.; and Saunders, Robert M., 4,497,765, Cl. 264-268.000.
  - Wilde, Sheldon L.; and McCandless, Thomas J., 4,545,496, Cl. 215-252.000.
- McCandliss, Russell J.; Eastwood, Barbara J.; and Milch, Robert A., to IGI Biotechnology, Inc. Nematocidally active chitin-protein complex. 4,536,207, 8-20-85, Cl. 71-88.000.
- McCann, Artie. Combustion gas heat recovery apparatus. 4,558,689, 12-17-85, Cl. 126-117.000.
- McCann, James T.; Dobbins, Lawrence W.; and Reno, Charles W., to RCA Corporation. High efficiency precision laser beam switch. 4,507,773, 3-26-85, Cl. 369-110.000.
- McCann, John C. Mineral separating process and apparatus. 4,525,270, 6-25-85, Cl. 209-44.000.
- McCann, John C., to Cubic Western Data. Bidirectional brush pressure source for magnetic read/write heads. 4,531,171, 7-23-85, Cl. 360-130.300.
- McCann, John J.: *See—*
  - Burkhardt, James L.; and McCann, John J., 4,492,987, Cl. 358-332.000.
  - Burkhardt, James L.; and McCann, John J., 4,520,403, Cl. 358-332.000.
- McCann, Michael O.: *See—*
  - Baldwin, Graham J.; and McCann, Michael O., 4,509,096, Cl. 361-386.000.
- McCann, R. Bruce: *See—*
  - Minerbo, Gerald N.; and McCann, R. Bruce, 4,546,314, Cl. 324-221.000.
- McCann, William F.: *See—*
  - Corsover, William L.; Hoffman, Kenneth P.; McCann, William F.; and Wooden, Billy J., 4,533,278, Cl. 404-65.000.
- McCann's Engineering and Manufacturing Company: *See—*
  - Verley, Donald, 4,496,079, Cl. 222-129.100.
- McCanny, John V.; and McWhirter, John G., to National Research Development Corporation. Multiple processing cell digital data processor. 4,533,993, 8-6-85, Cl. 364-200.000.
- McCarroll, John J.: *See—*
  - Joyner, Richard W.; McCarroll, John J.; and Tennison, Stephen R., 4,510,071, Cl. 252-373.000.
- McCarry, John D.: *See—*
  - Foley, William M., 4,507,452, Cl. 526-279.000.
- McCarter, Ed R., deceased: *See—*
  - Thatcher, Arthur K.; and McCarter, Ed R., deceased, 4,520,786, Cl. 123-536.000.
- McCarter, Rebecca A., executrix: *See—*
  - Thatcher, Arthur K.; and McCarter, Ed R., deceased, 4,520,786, Cl. 123-536.000.
- McCarthy, Alfred F., to Aavid Engineering, Inc. Heat sinks for integrated circuit modules. 4,508,163, 4-2-85, Cl. 165-80.00B.
- McCarthy, Alfred F., to Aavid Engineering, Inc. Heat sinks with staked solderable studs. 4,544,942, 10-1-85, Cl. 357-81.000.
- McCarthy, Alfred F.: *See—*
  - Johnson, Philip A.; and McCarthy, Alfred F., 4,552,206, Cl. 165-80.300.
- McCarthy, Bruce C., to USM Corporation. Heat-fusible-expandable mastic for automobile floor pans. 4,495,240, 1-22-85, Cl. 428-319.100.
- McCarthy, Christopher I.: *See—*
  - Paar, Michael S.; and McCarthy, Christopher I., 4,497,307, Cl. 123-90.330.
- McCarthy, Daniel P.: *See—*
  - Abu-Isa, Ismat A.; Wang, Chen-Shih; McCarthy, Daniel P.; and Patterson, David W., 4,559,688, Cl. 29-157.30R.
- McCarthy, David K.: *See—*
  - Delnick, Frank M.; Guidotti, Ronald A.; and McCarthy, David K., 4,508,796, Cl. 429-112.000.
- McCarthy, James P.; and Byler, Richard E., to Ford Motor Company. Automatic transmission control for an automotive vehicle driveline having fail-safe logic. 4,494,423, 1-22-85, Cl. 74-869.000.
- McCarthy, James P.; and Byler, Richard E., to Ford Motor Company. Solenoid operated pressure regulation. 4,515,176, 5-7-85, Cl. 137-115.000.
- McCarthy, James P.; and Byler, Richard E., to Ford Motor Company. Solenoid operated clutch engagement. 4,560,047, 12-24-85, Cl. 192-52.000.
- McCarthy, James R.; and Widner, Paul J., to Dow Chemical Company, The. Substituted 1,2,3-triazino[4',5':4,5]-thieno[2,3-B]quinolin-4(3H)-ones. 4,496,725, 1-29-85, Cl. 544-184.000.
- McCarthy, James R. Method and apparatus for separating selected particulate materials from a mixture of liquids and solids. 4,540,484, 9-10-85, Cl. 209-5.000.
- McCarthy, Jeremiah P.: *See—*
  - Goldman, Ernest A.; McCarthy, Jeremiah P.; and Poppert, Paul E., 4,498,223, Cl. 29-571.000.

- McCarthy, John P.: *See—*
  - Kaufman, Harold B., Jr.; McCarthy, John P.; Entner, Bernard J.; and Wallenfels, Kurt, 4,556,572, Cl. 426-289.000.
- McCarthy, John T.: *See—*
  - Mauger, David W.; Lawrie, James W.; McCarthy, John T.; and Tozzi, Michael A., 4,527,376, Cl. 53-113.000.
- McCarthy, Karen; and Prochaska, Charles R., to Boeing Company, The. Locking device. 4,497,602, 2-5-85, Cl. 410-69.000.
- McCarthy, Richard A., to Aer-Overly Corporation. Peripheral exhaust system for high velocity dryer. 4,523,390, 6-18-85, Cl. 34-115.000.
- McCarthy, Shaun L., to Ford Motor Company. Mass airflow sensor with backflow detection. 4,561,303, 12-31-85, Cl. 73-204.000.
- McCarthy, Thomas C.: *See—*
  - Girsch, B. J. Maria; Girsch, Charles W.; and McCarthy, Thomas C., 4,508,512, Cl. 434-259.000.
- McCartney, Bernard, to Bernard McCartney Limited. Landfill compactor vehicles. 4,530,620, 7-23-85, Cl. 404-121.000.
- McCartney, Charles P., Jr., to General Motors Corporation. Extruded compartmentalized container. 4,547,236, 10-15-85, Cl. 156-69.000.
- McCartney, John R., to Norwood Industries, Inc. Fibrous web impregnated with coagulated polyurethane and polyolefin admixture. 4,496,624, 1-29-85, Cl. 428-288.000.
- McCartney, John R., to Norwood Industries, Inc. Process for producing polishing pads comprising a fully impregnated non-woven batt. 4,511,605, 4-16-85, Cl. 427-246.000.
- McCartney Manufacturing Co., Inc.: *See—*
  - Saurwein, Albert C., 4,526,000, Cl. 60-540.000.
  - Saurwein, Albert C., 4,545,157, Cl. 51-439.000.
- McCartney, Michael S.; and Pollock, William H., to Combustion Engineering, Inc. Overfire air admission with varying momentum air streams. 4,501,204, 2-26-85, Cl. 110-264.000.
- McCartney, Michael S.; Chadshay, Roman; and Erlacher, Richard F., to Combustion Engineering, Inc. Nozzle tip for pulverized coal burner. 4,520,739, 6-4-85, Cl. 110-263.000.
- McCartney, Michael S., to Combustion Engineering, Inc. Coal fired furnace light-off and stabilization using microfine pulverized coal. 4,552,076, 11-12-85, Cl. 110-347.000.
- McCarty, Chris, to Harris Corporation. N contact compensation technique. 4,553,315, 11-19-85, Cl. 29-571.000.
- McCarty, George W.; and Smith, Somers H., III, to Solid State Chargers Research and Development Limited Partnership. Charger for batteries. 4,527,110, 7-2-85, Cl. 320-2.000.
- McCarty, George W.; Rebold, Jerome I.; and Smith, Somers H., III, to Solid State Chargers Research and Development Limited Partnership. Battery-operated device with wall-mounted support. 4,536,694, 8-20-85, Cl. 320-2.000.
- McCarty, Kevin F.; and Schrader, Glenn L., to United States of America, Energy. Hydrodesulfurization catalysis by Chevrel phase compounds. 4,560,470, 12-24-85, Cl. 208-215.000.
- McCarty, Michael R.: *See—*
  - Gunda, Rajamouli; McCarty, Michael R.; and Rode, Melvin A., 4,537,029, Cl. 60-390.000.
- McCary, Richard O.: *See—*
  - Becker, Joseph J.; Luborsky, Fred E.; Jacobs, Israel S.; and McCary, Richard O., 4,528,481, Cl. 315-248.000.
- McCaskie, John E.; and Tsiamis, Chris, to LeaRonal, Inc. Metal plating on plastics. 4,520,046, 5-28-85, Cl. 427-304.000.
- McCaskie, John E.: *See—*
  - Martin, James L.; McCaskie, John E.; and Toben, Michael P., 4,545,868, Cl. 204-47.000.
  - Tsiamis, Chris; and McCaskie, John E., 4,556,587, Cl. 427-304.000.
- McCaskill, Emmett S., to Polaroid Corporation. Benzotriazine compounds. 4,497,950, 2-5-85, Cl. 544-183.000.
- McCaskill, Rex A.; McInroy, John W.; and Waldo, Paul D., to International Business Machines Corporation. Method for automatic field width expansion in a text processing system during interactive entry of displayed record selection criterium. 4,507,753, 3-26-85, Cl. 364-900.000.
- McCaskill, Rex A.; McInroy, John W.; and Waldo, Paul D., to International Business Machines Corporation. Selective use of restored file setups. 4,555,759, 11-26-85, Cl. 364-300.000.
- McCaskill, Rex A.: *See—*
  - Cuan, Victor; McCaskill, Rex A.; Repass, James T.; and Shipp, Kenneth O., Jr., 4,503,515, Cl. 364-900.000.
  - Karnes, Roy E., Jr.; McCaskill, Rex A.; and Nguyen, Khoa D., 4,555,773, Cl. 364-900.000.
- McCaully, Ronald J.; and Kim, Dong H., to American Home Products Corporation. Tin complexes of indoline-2-carboxylic acids and esters prepared from o-nitrophenylpyruvic acids and esters. 4,506,077, 3-19-85, Cl. 548-402.000.
- McCay, Johnny A.; Owens, Arthur H.; and Pfaffman, Jeffrey S., to Champion International Corporation. Core slabber. 4,506,575, 3-26-85, Cl. 83-368.000.
- McChesney, Charles E.: *See—*
  - Sinker, Stephen M.; Baron, Joseph J., Jr.; Rupp, Raymond W.; Doerr, Marvin L.; and McChesney, Charles E., 4,554,328, Cl. 525-437.000.
  - Sinker, Stephen M.; and McChesney, Charles E., 4,554,329, Cl. 525-437.000.
- McClain, D. Wayne, to United States of America, Navy. Diver's umbilical quick-disconnect device. 4,555,130, 11-26-85, Cl. 285-26.000.
- McClain, George A.: *See—*
  - Cormier, Roger L.; Dugan, Robert J.; Guyette, Richard R.; Hankison, Ronald L.; Hao, Ming C.; Levin, Arthur L.; McClain, George A.; Wanish, Paul J.; and Zeitler, Carl, Jr., 4,497,022, Cl. 364-200.000.
- McClain, Michael J.: *See—*
  - Pozniak, Donald J.; Robertson, Gerald F.; and McClain, Michael J., 4,502,847, Cl. 417-380.000.
- McClanahan, John B.; LaVoie, Marvin E.; Kelsoe, Wayne E.; and Wrobel, James, to Tektronix, Inc. Protective circuit for electronic test probes. 4,510,482, 4-9-85, Cl. 338-24.000.
- McClaran, Mark R.: *See—*
  - Williams, Kenneth R.; McClaran, Mark R.; and Giacobbi, Peter D., 4,491,145, Cl. 137-312.000.
- McCleary, Donald J. Camper-trailer. 4,537,441, 8-27-85, Cl. 296-181.000.
- McCleerey, Earl W.; and Root, John A., to AMP Incorporated. Key hole retention. 4,557,543, 12-10-85, Cl. 339-97.00P.
- McCleerey, Earl W.: *See—*
  - Casciotti, Albert; McCleerey, Earl W.; and Cosmos, Pete, 4,508,401, Cl. 339-14.00R.
- McClees, Nancy: *See—*
  - Ferguson, Keith; and McClees, Nancy, 4,553,967, Cl. 604-317.000.
- McClellan, David P.; and Kussy, Frank W., to Siemens-Allis, Inc. Stationary contact strap to achieve a current limiting blow-off effect. 4,513,267, 4-23-85, Cl. 335-16.000.
- McClellan, Felton L.: *See—*
  - Barkis, Edward D.; Moore, Douglas G.; Fernald, Allen M.; and McClellan, Felton L., 4,557,958, Cl. 428-36.000.
- McClellan, Robert D., Jr. Thermally insulating device for a beverage-containing bottle. 4,510,769, 4-16-85, Cl. 62-457.000.
- McClellan, Thomas R.; and Murray, Pat L., to Upjohn Company, The. Apparatus for coating particulate material. 4,516,524, 5-14-85, Cl. 118-683.000.
- McClellan, Thomas R.; and Murray, Pat L., to Upjohn Company, The. Apparatus for coating particulate material. 4,542,041, 9-17-85, Cl. 427-212.000.
- McClellan, W. Roy, III; Girvin, Richard J.; and Conner, William A., to Rockwell International Corporation. Maintaining frequency accuracy in single sideband repeaters. 4,503,562, 3-5-85, Cl. 455-22.000.
- McClellan, William F., to Pipe Shields, Inc. Insulating pipe support apparatus. 4,530,478, 7-23-85, Cl. 248-62.000.
- McClelland, Donald R., to Rubbermaid Incorporated. Ovenware receptacle system. 4,532,397, 7-30-85, Cl. 219-10.55E.
- McClelland, Gene E.: *See—*
  - Lei, Kenneth P. V.; Eisele, Judith A.; and McClelland, Gene E., 4,554,058, Cl. 204-110.000.
- McClelland, John F., to Iowa State University Research Foundation, Inc. Semi-transparent solar energy thermal storage device. 4,523,577, 6-18-85, Cl. 126-430.000.
- McClelland, John R.; Wright, Wade S.; Diamond, Edward P.; Pryor, Leroy C.; and Olson, Douglas R., to Armco Inc. High temperature box annealing furnace. 4,504,957, 3-12-85, Cl. 373-130.000.
- McClelland, Paul H.: *See—*
  - Cloutier, Frank L.; Low, Robert N.; McClelland, Paul H.; and Nielsen, Niels J., 4,528,577, Cl. 346-140.00R.
- McClelland, Robert D.; and Renfrew, Andrew H. M., to Imperial Chemical Industries PLC. Triphenodioxazine acid dyes. 4,542,213, 9-17-85, Cl. 544-76.000.
- McClelland, Robert W.: *See—*
  - Leonberger, Frederick J.; Melngailis, Ivars; Bozler, Carl O.; and McClelland, Robert W., 4,518,219, Cl. 350-96.120.
- McClelland, S. Barry: *See—*
  - Dunstan, Ericson M.; Gervais, William J.; and McClelland, S. Barry, 4,523,240, Cl. 360-99.000.
- McClenathan, John A., to IMD Corporation. Method and apparatus for rewinding, severing and transferring web-like material. 4,529,141, 7-16-85, Cl. 242-56.00A.
- McClintic, Robert P.: *See—*
  - Kim, Tai K.; and McClintic, Robert P., 4,557,924, Cl. 423-593.000.
- McClintic, Terry A., to Mercer, Fred O. Patch cord tester. 4,491,781, 1-1-85, Cl. 324-51.000.
- McClintock, John H., Jr.: *See—*
  - Kim, Dongsung R.; and McClintock, John H., Jr., 4,493,019, Cl. 364-200.000.
  - Kim, Dongsung R.; and McClintock, John H., Jr., 4,493,020, Cl. 364-200.000.
- McClintock, Sam A.; and Purdy, William C., to Imasco-CDC Research Foundation. Dual working-electrode electrochemical detector for high performance liquid chromatography. 4,554,064, 11-19-85, Cl. 204-411.000.
- McClinton, John L.; and Russell, Alexander H., to Burns & Russell Company, The. Method of preparing a patterned mold surface. 4,533,568, 8-6-85, Cl. 427-135.000.
- McClinton, John L.: *See—*
  - Sergovic, John A.; and McClinton, John L., 4,555,375, Cl. 264-259.000.
- McCloskey, Albert R., to Incom International Inc. Linear bearing assembly. 4,545,626, 10-8-85, Cl. 308-6.00C.
- McCloskey, Glenn A. Gurney attachment. 4,557,453, 12-10-85, Cl. 248-287.000.
- McClosky, Robert B., to Wrapade Machine Company, Inc. Packaging machine. 4,534,158, 8-13-85, Cl. 53-562.000.
- McCluhan, Thomas K.: *See—*
  - Bilek, Paul J.; Flinn, Richard A.; McCluhan, Thomas K.; and Trojan, Paul K., 4,545,817, Cl. 75-123.00E.
- McCluney, Rebecca E.: *See—*
  - Husman, James R.; Kellen, James N.; McCluney, Rebecca E.; and Tumey, Michael L., 4,554,324, Cl. 525-301.000.

- McClung, Carl L.: *See—*
  - Becker, Theodore, Jr.; Congram, Sam R.; and McClung, Carl L., 4,502,433, Cl. 123-188.00S.
- McClung, Charles S.: *See—*
  - Rainer, Norman B.; and McClung, Charles S., 4,516,589, Cl. 131-331.000.
- McClung, James A.: *See—*
  - Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,516,420, Cl. 72-329.000.
  - Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,535,618, Cl. 72-349.000.
  - Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,549,424, Cl. 72-329.000.
- McClung, Ronald G.: *See—*
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- McClure, Carroll D.: *See—*
  - Wiggins, Ralphe; Kenny, George S.; and McClure, Carroll D., 4,534,019, Cl. 367-75.000.
- McClure, David E., to Merck & Co., Inc. Amino ketones and their preparation. 4,533,745, 8-6-85, Cl. 560-28.000.
- McClure, David K., to Marathon Manufacturing Company. Spring clip for tilter worm shaft. 4,507,831, 4-2-85, Cl. 24-590.000.
- McClure, Gary W. Boiler pipe assembly tool. 4,493,139, 1-15-85, Cl. 29-267.000.
- McClure, Gerald B. Method and apparatus for perforating subsurface earth formations. 4,491,185, 1-1-85, Cl. 175-4.560.
- McClure, Gerald B.: *See—*
  - Sehnert, Steven D.; McClure, Gerald B.; and McPhee, William A., 4,523,650, Cl. 175-4.560.
- McClure, Harry A., to Adtech, Inc. Method of sterilizing a filling machine apparatus. 4,547,339, 10-15-85, Cl. 422-26.000.
- McClure, Hubert L. Bifocal intraocular lens. 4,512,040, 4-23-85, Cl. 3-13.000.
- McClure, John. Device for carrying fishing rods. 4,500,128, 2-19-85, Cl. 294-146.000.
- McClure, John: *See—*
  - Goldstein, Allan L.; Low, Teresa L. K.; McClure, John; and Naylor, Paul H., 4,543,340, Cl. 436-542.000.
- McClure, Maxwell D., III: *See—*
  - Fachini, Robert M.; Barrett, Monroe C.; and McClure, Maxwell D., III, 4,520,617, Cl. 56-16.600.
- McClure, Nathaniel D.: *See—*
  - Weaver, John R., II; and McClure, Nathaniel D., 4,544,940, Cl. 357-35.000.
- McClure, Randy L. Arm wrestling table. 4,557,481, 12-10-85, Cl. 273-1.0GC.
- McClure, Richard R., to Butler Manufacturing Company. Hand seamer. 4,559,805, 12-24-85, Cl. 72-384.000.
- McClure, Robert B.: *See—*
  - Cunningham, George F., Jr.; Lewis, John W.; McClure, Robert B.; and Poindexter, Daniel J., 4,512,841, Cl. 156-345.000.
- McClure, Scott G., to Roberts, Douglass B., a part interest. Process for preparing a cast metal surface structure for bonding to a tooth structure and material used therewith. 4,552,779, 11-12-85, Cl. 427-2.000.
- McColeman, William: *See—*
  - Pernia, Nicholas L., 4,491,230, Cl. 215-21.000.
- McColgin, William C.; and Pace, Laurel J., to Eastman Kodak Company. Planarizing layer for semiconductor substrates such as solid state imagers. 4,553,153, 11-12-85, Cl. 357-30.000.
- McColl, Frederick A.: *See—*
  - Sewell, John S.; McColl, Frederick A.; and Petkoff, Peter M., 4,497,332, Cl. 137-15.000.
- McColl, James R.; and Peters, Thomas E., to GTE Automatic Electric Laboratories Incorporated. Infrared emitting phosphor. 4,499,005, 2-12-85, Cl. 252-301.60S.
- McColl, John W.: *See—*
  - Ferris, Ernest A.; and McColl, John W., 4,520,912, Cl. 192-85.0AA.
- McCollin, Chris D.; Allred, Richard E.; Bearl, Leslie K.; and Card, David C., to UOP Inc. Device for assembling jacketed lengths of pipe base well screens. 4,506,730, 3-26-85, Cl. 166-85.000.
- McCollough, William L.; and Wulczynski, Frank J., to Crucible Materials Corporation. Cladding method for producing a lined alloy article. 4,544,523, 10-1-85, Cl. 419-8.000.
- McCollum, Gregory J.: *See—*
  - Makhlouf, Joseph M.; McCollum, Gregory J.; and Kerr, Paul R., 4,550,060, Cl. 428-423.100.
  - Makhlouf, Joseph M.; McCollum, Gregory J.; and Kerr, Paul R., 4,555,551, Cl. 525-455.000.
  - Singer, Debra L.; McCollum, Gregory J.; Dowbenko, Rostyslaw; and O'Dwyer, James B., 4,500,680, Cl. 525-143.000.
  - Singer, Debra L.; McCollum, Gregory J.; and Dowbenko, Rostyslaw, 4,501,854, Cl. 525-162.000.
- McCollum, Roy L. Sample flow cell for automatic halogen and pH control for water reservoirs. 4,550,011, 10-29-85, Cl. 422-68.000.
- McCollum, William A.; and Larsen, William, to Accu Tech Associates, Inc. Spray pattern analyzer. 4,539,842, 9-10-85, Cl. 73-168.000.
- McCombe, Kenneth M.: *See—*
  - Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., 4,560,646, Cl. 430-566.000.
- McCombie, Stuart W.; Ganguly, Ashit K.; and Girijavallabhan, Viyyoor M., to Schering Corporation. 5R,6S,8R-6-(1-hydroxyethyl)-2-(2-carbamoyloxyethylthio)-penem-3-carboxylic acid. 4,504,485, 3-12-85, Cl. 514-192.000.
- McCombs, Daniel G.: *See—*
  - Willer, David A.; Rosbak, John; and McCombs, Daniel G., 4,533,108, Cl. 248-467.000.
- McCombs, Howard L., Jr., to Allied Corporation. Power lever apparatus for a turbine engine. 4,517,796, 5-21-85, Cl. 60-39.281.
- McCombs, Norman R., to Greene & Kellogg, Inc. Modular industrial oxygen concentrator. 4,509,959, 4-9-85, Cl. 55-161.000.
- McCombs, Norman R., to Greene & Kellogg, Inc. Apparatus for the production of oxygen. 4,511,377, 4-16-85, Cl. 55-163.000.
- McCombs, Norman R.; and Bansal, Ravinder K., to Greene & Kellogg, Inc. Single bed pressure swing adsorption gas separation system. 4,561,865, 12-31-85, Cl. 55-25.000.
- McConaghy, Robert F., to Advanced Technology Laboratories, Inc. Oscillating ultrasound scanhead. 4,515,017, 5-7-85, Cl. 73-618.000.
- McConchie, Burton G.: *See—*
  - Wang, An; and McConchie, Burton G., 4,514,063, Cl. 353-28.000.
- McConchie, Garnet E.: *See—*
  - Swearingen, Loren L.; Heinsohn, Alfred W.; Snook, Craig W.; Embrey, Wallace E.; and McConchie, Garnet E., 4,559,110, Cl. 203-37.000.
- McConnell, Charles H., to Boeing Company, The. Engine installation for aircraft. 4,506,850, 3-26-85, Cl. 244-54.000.
- McConnell, Charles K. Trailer alignment apparatus. 4,541,183, 9-17-85, Cl. 33-264.000.
- McConnell, Dale K. Door light. 4,523,408, 6-18-85, Cl. 49-502.000.
- McConnell, Forrest M., to Koos, Inc. Ice melter and method of making same. 4,512,907, 4-23-85, Cl. 252-70.000.
- McConnell, Louise. Vertical decontamination bath for fibrescopes. 4,496,522, 1-29-85, Cl. 422-300.000.
- McConnell, Matthew L.: *See—*
  - Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., 4,499,771, Cl. 73-632.000.
  - Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., 4,507,968, Cl. 73-626.000.
- McConnell, Richard L.; Cox, Abraham J.; and Darnell, William R., to Eastman Kodak Company. Low-melting copolyester adhesives. 4,551,521, 11-5-85, Cl. 528-302.000.
- McConnell, Richard L.: *See—*
  - Hilbert, Samuel D.; and McConnell, Richard L., 4,554,206, Cl. 428-261.000.
  - Meyer, Max F., Jr.; Bond, Gary L.; and McConnell, Richard L., 4,540,749, Cl. 525-437.000.
  - Petke, Frederick D.; Ramsey, Charles W.; and McConnell, Richard L., 4,554,303, Cl. 524-277.000.
- McConnell, Thomas M.: *See—*
  - Ray, James M.; and McConnell, Thomas M., 4,557,258, Cl. 128-87.00R.
- McConway & Torley Corporation: *See—*
  - Oshinsky, Frank W., 4,502,525, Cl. 164-241.000.
- McCool, George W., to Sherwood Medical Company. Tube and fitting assembly and method of making same. 4,523,968, 6-18-85, Cl. 156-73.500.
- McCool, Michael A.: *See—*
  - Nanda, Ashok K.; Silveri, Luigi; and McCool, Michael A., 4,548,673, Cl. 162-4.000.
- McCord, Frederick B. Portion dividing frying basket. 4,508,027, 4-2-85, Cl. 99-416.000.
- McCord Heat Transfer Corporation: *See—*
  - Melnyk, William, 4,546,823, Cl. 165-149.000.
  - Melnyk, William, 4,546,824, Cl. 165-153.000.
  - Melnyk, William; and Kaarre, Norman J., 4,546,825, Cl. 165-159.000.
- McCord, James W. Vapor generating and recovery apparatus. 4,506,520, 3-26-85, Cl. 62-196.400.
- McCord, James W. Vapor generating and recovering apparatus. 4,537,660, 8-27-85, Cl. 202-170.000.
- McCord, James W. Safety control device for vapor generating and recovering apparatus. 4,556,457, 12-3-85, Cl. 202-206.000.
- McCord, James W.: *See—*
  - Ruckriegel, Michael J.; and McCord, James W., 4,556,456, Cl. 202-186.000.
- McCord, Kenneth R.; Bullock, James K.; Gille, Henrick K.; and Gilroy, Keith, to American Hospital Supply Corporation. Pressure transducer assembly. 4,539,998, 9-10-85, Cl. 128-675.000.
- McCormack, Ray G., to United States of America, Army. Optical fire detection system responsive to spectral content and flicker frequency. 4,533,834, 8-6-85, Cl. 250-554.000.
- McCormack, Wallace, to Credfeld Camtorc Limited. Liquid fuel burner. 4,546,921, 10-15-85, Cl. 239-125.000.
- McCormick, Charles L.; and Anderson, Kenneth W. Controlled release pesticides. 4,496,724, 1-29-85, Cl. 544-182.000.
- McCormick & Company, Incorporated: *See—*
  - Rowell, Lorne A., 4,533,559, Cl. 426-499.000.
  - Staley, Lorie L.; and Pelaez, Joaquin, 4,510,164, Cl. 426-331.000.
- McCormick, Daniel F., to Brunswick Corporation. Marine drive shift linkage. 4,530,667, 7-23-85, Cl. 440-75.000.
- McCormick, Daniel F., to Brunswick Corporation. Marine drive thread mounted pinion. 4,560,355, 12-24-85, Cl. 440-86.000.
- McCormick, David D.: *See—*
  - Whittenburg, Stephen L.; McCormick, David D.; Tweed, William J.; Ozgunay, A. Aykut; and Williams, James T., 4,509,412, Cl. 99-331.000.
- McCormick, Dennis J., to Vercon Inc. Apparatus for attaching container ends to container bodies. 4,556,445, 12-3-85, Cl. 156-423.000.
- McCormick, Edward J., to Raymond Corporation, The. Load handling method and apparatus. 4,527,943, 7-9-85, Cl. 414-666.000.

McCormick-Goodhart, Mark H., to Energy Conversion Devices, Inc. Microfiche recording apparatus and method with stationary film head. 4,501,487, 2-26-85, Cl. 355-27.000.

McCormick, James B., to Pelam, Inc. Apparatus for preparing and embedding tissue samples for histological examination. 4,557,903, 12-10-85, Cl. 422-101.000.

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Higgins, Harvey M., Jr.; Merkel, Kurt E.; and McCormick, Mack H., 4,548,925, Cl. 514-10.000.

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Kelly, Lawrence S.; McCormick, Marty P.; and Weikel, William A., 4,522,789, Cl. 422-133.000.

Kelly, Lawrence S.; McCormick, Marty P.; and Weikel, William A., 4,548,652, Cl. 134-22.120.

McCormick Morgan, Inc.: *See—*

Maier, Robert L., 4,526,090, Cl. 98-33.100.

McCormick, Ronald W.; and Rogers, Richard B., to Dow Chemical Company, The. Soil treating method and composition for conserving nitrogen in soil. 4,545,802, 10-8-85, Cl. 71-27.000.

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Arndt, Kim E.; McCormick, Ronald W.; and Rogers, Richard B., 4,523,940, Cl. 71-11.000.

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McCormick, Samuel L.: *See—*

Bollinger, David E.; and McCormick, Samuel L., 4,543,138, Cl. 156-69.000.

McCormick, Thomas E.: *See—*

Jacobson, James; and McCormick, Thomas E., 4,531,737, Cl. 273-65.00R.

McCorquodale Machine Systems Limited: *See—*

Billington, Donald G.; Brooker, Reginald D.; Powell, Harry; Walker, Roger; Wilkins, David R. G.; and Weaver, Stuart, 4,552,065, Cl. 101-93.330.

McCorriston, Lois L., to Gulf Canada Limited. Process using carbonate reagent for recovering vanadium from cokes and ashes derived from heavy oils. 4,536,374, 8-20-85, Cl. 423-68.000.

McCoy, Charles: *See—*

Teng, Yu-Ling; McCoy, Charles; DeFalco, Francis; and Mayernick, Richard, 4,533,606, Cl. 428-658.000.

McCoy, Charles D. Pump jack operated compressor. 4,530,646, 7-23-85, Cl. 417-464.000.

McCoy, Dale E.: *See—*

Chang, Robert C.; and McCoy, Dale E., 4,504,619, Cl. 524-524.000.

McCoy, David R., to Texaco Inc. Schiff base surfactants. 4,491,538, 1-1-85, Cl. 252-541.000.

McCoy, David R.; and Naylor, Carter G., to Texaco Inc. Bicyclodecyl ether sulfonates and compositions containing the same. 4,524,023, 6-18-85, Cl. 252-548.000.

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Morris-Sherwood, Betty J.; Brink, Edward C., Jr.; McCoy, David R.; and McEntire, Edward E., 4,548,726, Cl. 252-75.000.

Naylor, Carter G.; and McCoy, David R., 4,507,211, Cl. 252-8.55D.

McCoy, Donald G. Securement means. 4,516,295, 5-14-85, Cl. 24-136.00R.

McCoy, James J., Jr., to Tenneco Inc. Method and apparatus for controlling recirculation in a centrifugal pump. 4,492,516, 1-8-85, Cl. 415-53.00T.

McCoy, John B. Paper tray and folder. 4,541,749, 9-17-85, Cl. 400-613.200.

McCoy, John J., to Atlantic Richfield Company. Preparation of N-alkyl-monosubstituted carbamates. 4,501,915, 2-26-85, Cl. 560-157.000.

McCoy, Leon A. Device for transporting loads between various elevations. 4,539,781, 9-10-85, Cl. 52-183.000.

McCoy, Walter T. Hydraulic applications. 4,502,280, 3-5-85, Cl. 60-567.000.

McCoy, William C. Steerable and aimable catheter. 4,543,090, 9-24-85, Cl. 604-95.000.

McCracken, David R.; and Larson, Robin R., to Tektronix, Inc. Method and apparatus for synthesizing a drive signal for active IC testing including slew rate adjustment. 4,507,576, 3-26-85, Cl. 307-475.000.

McCracken, William G., Jr.: *See—*

Hetzel, Frederick; and McCracken, William G., Jr., 4,525,230, Cl. 156-179.000.

McCracken, William L.: *See—*

Harkless, Lloyd B.; McCracken, William L.; and Colosimo, Joseph A., 4,527,055, Cl. 250-234.000.

McCrady, Paul E.: *See—*

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McCrary, Frank R. Wood splitter's aid tool. 4,505,465, 3-19-85, Cl. 269-130.000.

McCrary, Thomas J., Jr.: *See—*

Bloch, Ricardo; McCrary, Thomas J., Jr.; and Brownawell, Darrell W., 4,517,104, Cl. 252-51.50A.

McCray, William R. Fence post driver. 4,519,584, 5-28-85, Cl. 254-29.00R.

McCready, James B. Table tennis game and training apparatus. 4,521,017, 6-4-85, Cl. 273-30.000.

McCready, Russell J., to General Electric Company. Modified thermoplastic copolyetherimide ester elastomers. 4,544,734, 10-1-85, Cl. 528-288.000.

McCready, Russell J., to General Electric Company. Polyetherimide esters. 4,552,950, 11-12-85, Cl. 528-292.000.

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McCready, Russell J.: *See—*

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McCreedy, Kathleen M.; and Hilton, Kenneth R., to Dow Chemical Company, The. Condensation polymers of sulfur compounds and norbornenyl compounds. 4,493,927, 1-15-85, Cl. 528-381.000.

McCreedy, Kathleen M.; Pawloski, James C.; Keskkula, Henno; and Yonkers, Edward H., to Dow Chemical Company, The. Miscible polymer blends containing poly(2-alkyl-2-oxazoline). 4,547,530, 10-15-85, Cl. 521-139.000.

McCreedy, Kathleen M.: *See—*

Keskkula, Henno; McCreedy, Kathleen M.; and Maass, Donald A., 4,508,871, Cl. 525-78.000.

McCreedy, Ryan D.: *See—*

Nicolosi, Carl T.; Nicolosi, Thomas F.; and McCreedy, Ryan D., 4,554,751, Cl. 37-234.000.

McCreight, Donald O.: *See—*

Kleeb, Thomas R.; Criss, George H.; and McCreight, Donald O., 4,506,025, Cl. 501-124.000.

McCrickerd, John T., to Newport Corporation. Fiber optics transfer systems. 4,542,956, 9-24-85, Cl. 350-96.200.

McCubbin, Charles E., to Baker Drilling Equipment Company. Cable tension measuring device. 4,506,555, 3-26-85, Cl. 73-862.460.

McCullagh, Keith G.; Wadsworth, Harry J.; and Hann, Michael M., to G. D. Searle & Co. Carboxyalkyl peptide derivatives. 4,511,504, 4-16-85, Cl. 260-112.50R.

McCullin, Jan C.: *See—*

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McCullin, Sidney G.: *See—*

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McCulloch, Alister L., to Chubb Australia Limited. Valve. 4,561,630, 12-31-85, Cl. 251-84.000.

McCulloch Corporation: *See—*

Jackson, Robert V., 4,561,707, Cl. 315-209.0CD.

Ruzicka, Alan V., 4,550,499, Cl. 30-276.000.

West, James F., 4,553,326, Cl. 30-381.000.

McCulloch, Dean E., to General Motors Corporation. Motor vehicle power output regulation control system. 4,541,052, 9-10-85, Cl. 364-431.070.

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McCullough, Robert J., 4,546,761, Cl. 128-6.000.

McCullough, J. Douglas, Jr., to Shell Oil Company. High notched impact toughness propylene polymer compositions. 4,493,923, 1-15-85, Cl. 525-88.000.

McCullough, J. Douglas, Jr., to Shell Oil Company. High toughness propylene polymer compositions. 4,508,872, 4-2-85, Cl. 525-88.000.

McCullough, J. Douglas, Jr., to Shell Oil Company. High flow propylene polymer compositions. 4,535,125, 8-13-85, Cl. 525-88.000.

McCullough, John B.; and Mortensen, Craig A., to Honeywell Inc. Non-delineated semiconductor detector array for infra-red. 4,531,059, 7-23-85, Cl. 250-370.000.

McCullough, John E., to Arthur D. Little, Inc. Method of fabricating scroll members. 4,512,066, 4-23-85, Cl. 29-23.500.

McCullough, John E., to E. R. Squibb & Sons, Inc. Method of increased production of penicillin acylase and plasmid employed therein. 4,554,250, 11-19-85, Cl. 435-172.300.

McCullough, John G.; and Barr, Kenneth J., to Union Carbide Corporation. Corrosion inhibitors for alkanolamine gas treating systems. 4,502,979, 3-5-85, Cl. 252-389.00R.

McCullough, Robert J., to McCullough Cartwright Pharmaceutical Corp. Large animal speculum holder and battery-powered illuminator. 4,546,761, 10-15-85, Cl. 128-6.000.

McCullough, Thomas W.; and Stevens, Bradley D., to Dow Chemical Company, The. Styrene polymer foam made with alpha-polyolefin additives. 4,515,907, 5-7-85, Cl. 521-139.000.

McCullough, Timothy J. Meat trimming knife. 4,494,311, 1-22-85, Cl. 30-276.000.

McCully, Michael D.: *See—*

Lief, Joseph R.; and McCully, Michael D., 4,503,558, Cl. 383-3.000.

McCumber, Roger D.; Peterson, Thomas L.; and Lee, Gerry A., to Check Technology Corporation. Document printing method and apparatus. 4,560,293, 12-24-85, Cl. 400-61.000.

McCune, James D.: *See—*

Schantz, Robert E.; McCune, James D.; and Prunty, Pleasant A., 4,545,361, Cl. 126-226.000.

McCune, Robert F., to AT&T Bell Laboratories. Detector circuit for communication lines. 4,495,494, 1-22-85, Cl. 340-825.060.

McCunn, Thomas H.; Ziemianski, John P.; and Franson, Ivan A., to Allegheny Ludlum Steel Corporation. Method for producing a weldable austenitic stainless steel in heavy sections. 4,545,826, 10-6-85, Cl. 148-12.00E.

McCurdy, Andrew: *See—*

Lewis, John R.; McCurdy, Andrew; and Gaudet, Arthur D., 4,494,821, Cl. 350-6.500.

McCurdy, Frederic, to Graphic Technology, Inc. Portable viewing apparatus. 4,531,317, 7-30-85, Cl. 40-366.000.
McCurdy, Robert: *See*—
  Williams, Daniel W., 4,492,378, Cl. 273-142.0HA.
McCurry, Lynn E.: *See*—
  Saprokhin, Alexander M.; Friedland, David J.; Baran, Richard M.; Kim, Jung T.; and McCurry, Lynn E., 4,511,440, Cl. 204-60.000.
McCutcheon, Hugh W.: *See*—
  Twomey, James R.; McCutcheon, Hugh W.; and Harris, Richard K., 4,517,842, Cl. 73-701.000.
McDade, John A.: *See*—
  Shannon, Michael A.; and McDade, John A., 4,530,851, Cl. 427-9.000.
McDaniel, Francina E. Permanent wave or hair curling rod and associated hair curl display device. 4,533,328, 8-6-85, Cl. 434-94.000.
McDaniel, John, to Biomet, Inc. Knee distraction device. 4,501,266, 2-26-85, Cl. 128-69.000.
McDaniel, John M.; and Miller, Clayton R., to Zimmer, Inc. Metal and plastic composite tibial component for knee joint. 4,501,031, 2-26-85, Cl. 3-1.911.
McDaniel, Kenneth D., Jr.: *See*—
  Endres, Douglas W.; McDaniel, Kenneth D., Jr.; and Griebel, Francis J., 4,537,281, Cl. 182-2.000.
McDaniel, Kenneth G., to Texaco Inc. Preparation of amino polyols. 4,499,264, 2-12-85, Cl. 536-50.000.
McDaniel, L. Thomas: *See*—
  Watson, David R.; Carithers, Val G.; and McDaniel, L. Thomas, 4,555,493, Cl. 501-127.000.
McDaniel, Max P., to Phillips Petroleum Company. $TiCl_4$ Treated with organomagnesium/protonating agent. 4,499,199, 2-12-85, Cl. 502-104.000.
McDaniel, Max P.; and Stricklen, Phil M., to Phillips Petroleum Company. Polymerization with CO reduced chromyl halide on silica catalyst. 4,503,201, 3-5-85, Cl. 526-106.000.
McDaniel, Max P.; and Johnson, Marvin M., to Phillips Petroleum Company. Ethylene polymers made from phosphate supported chromium catalyst. 4,504,638, 3-12-85, Cl. 526-134.000.
McDaniel, Max P.; and Johnson, Marvin M. Polymerization process using chromium catalyst on mixed metal phosphate with organoboron cocatalysts. 4,528,338, 7-9-85, Cl. 526-113.000.
McDaniel, Max P.; Johnson, Marvin M.; Hawley, Gil R.; Westerman, John; and Smith, Paul D., to Phillips Petroleum Company. Acrylamide polymer used to reduce fines in aluminum phosphate gel. 4,535,070, 8-13-85, Cl. 502-208.000.
McDaniel, Max P., to Phillips Petroleum Company. Tetravalent titanium treated calcined vanadium catalyst with trialkylaluminum cocatalyst. 4,537,869, 8-27-85, Cl. 502-107.000.
McDaniel, Max P., to Phillips Petroleum Company. Polymerization and catalyst. 4,540,757, 9-10-85, Cl. 526-128.000.
McDaniel, Max P., to Phillips Petroleum Company. Silica-titania cogel from two-step hydrolysis. 4,547,557, 10-15-85, Cl. 526-106.000.
McDaniel, Max P., to Phillips Petroleum Company. Polymerization catalyst system. 4,552,937, 11-12-85, Cl. 526-125.000.
McDaniel, Max P., to Phillips Petroleum Company. Olefin polymerization using activated chromium catalyst treated with tertiary alcohol. 4,559,394, 12-17-85, Cl. 526-106.000.
McDaniel, Max P.: *See*—
  Johnson, Marvin M.; and McDaniel, Max P., 4,537,928, Cl. 524-417.000.
  Johnson, Marvin M.; and McDaniel, Max P., 4,547,479, Cl. 502-155.000.
  Martin nee Sturdy, Shirley J.; and McDaniel, Max P., 4,560,733, Cl. 526-129.000.
McDaniel, Milton W.: *See*—
  Elliott, Guy R. B.; McDaniel, Milton W.; and Houseman, Barton L., 4,531,593, Cl. 175-71.000.
McDaniel, Paul L.: *See*—
  Fishter, Robert E.; McDaniel, Paul L.; and Tefft, Stephen W., 4,534,823, Cl. 156-626.000.
McDaniel, Robert S., Jr.; Glor, Paul R.; and Kickle, Hunter L., to A. E. Staley Manufacturing Company. Color stabilization of glycosides. 4,557,729, 12-10-85, Cl. 8-111.000.
McDaniel, Roger L., Jr.; Portzer, Jeffrey W.; and Zaiko, Edward J., to Union Carbide Corporation. Preparation of 1,3,4-thiadiazole-5-sulfonamides. 4,562,260, 12-31-85, Cl. 548-141.000.
McDaniel, Thomas I., to Tomahawk Industries, Inc. Vehicle bug deflector. 4,547,013, 10-15-85, Cl. 296-1.00S.
McDaniel, W. F. Tillage tool for forming an underground water retention tunnel. 4,513,521, 4-30-85, Cl. 37-193.000.
McDaniel, William M.: *See*—
  Cantrell, Daniel V.; Bryant, Herman G., Jr.; Jones, Robert L.; Maccaferri, Marco A.; and McDaniel, William M., 4,503,869, Cl. 131-336.000.
McDavid, James M., to Texas Instruments Incorporated. Metallization process for integrated circuits. 4,507,853, 4-2-85, Cl. 29-591.000.
McDavid, William D.: *See*—
  Welander, Ulf E. S.; McDavid, William D.; and Morris, Charles R., 4,534,048, Cl. 378-39.000.
McDermid, Iain S.; and Pacala, Thomas J., to California Institute of Technology. Mirror-grating tuning arrangement for high resolution lasers. 4,559,500, 12-17-85, Cl. 330-4.300.
McDermott, Arthur W., to Boeing Company, The. Coil assembly for hot melt induction heater apparatus. 4,516,104, 5-7-85, Cl. 336-206.000.
McDermott, Arthur W., to Boeing Company, The. Coil assembly for hot melt induction heater apparatus. 4,543,555, 9-24-85, Cl. 336-206.000.
McDermott Incorporated: *See*—
  Fern, Derek T., 4,497,594, Cl. 405-217.000.
  Fern, Derek T.; and Harrison, Gary E., 4,498,811, Cl. 405-168.000.
  LeGlue, Michael J., 4,506,867, Cl. 254-108.000.
McDermott International, Inc.: *See*—
  Campo, Juan J.; and Crutti, John A., Sr., 4,561,803, Cl. 405-224.000.
  Daigle, Verlon C.; and Smith, Wayne R., 4,547,096, Cl. 405-251.000.
McDermott, Kevin. Portable lighting device. 4,517,628, 5-14-85, Cl. 362-186.000.
McDermott, Thomas C., III, to Rockwell International Corporation. Digital time delay circuit with high speed and large delay capacity. 4,549,283, 10-22-85, Cl. 365-194.000.
McDermott, Wayne T.: *See*—
  Ying, David H. S.; McDermott, Wayne T.; and Givens, Edwin N., 4,558,651, Cl. 110-347.000.
McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., to United States of America, Air Force. Tubular singlet delta oxygen generator. 4,558,451, 12-10-85, Cl. 372-89.000.
McDevitt, Bernard J.: *See*—
  Crozier, George W.; and McDevitt, Bernard J., 4,519,047, Cl. 364-900.000.
McDevitt, Steven C.: *See*—
  Tallman, William R.; McDevitt, Steven C.; and Delancey, Warren H., 4,515,145, Cl. 126-99.00A.
McDevitt, Thomas M., to Owens-Illinois, Inc. Tamper indicating packages. 4,530,438, 7-23-85, Cl. 215-252.000.
McDiarmid, John C. Artificial fishing lure with weedless actuating hooks. 4,528,770, 7-16-85, Cl. 43-35.000.
McDonagh, Charles F.: *See*—
  Payne, Paul E.; and McDonagh, Charles F., 4,491,256, Cl. 223-24.000.
McDonald, Alan: *See*—
  Leigh, Malcolm H.; Deiner, Hans; Philpott, George C.; Macklin, Ian S.; and McDonald, Alan, 4,559,056, Cl. 8-115.640.
McDonald, Allan J.: *See*—
  Schneiter, Fred E.; and McDonald, Allan J., 4,547,235, Cl. 149-35.000.
McDonald, Daniel P.; and Wade, James C., to Mississippi Chemical Corporation. Process for removing impurities from wet process of phosphoric acid. 4,500,502, 2-19-85, Cl. 423-321.00R.
McDonald, David B.: *See*—
  Thomas, Michael J.; and McDonald, David B., 4,513,771, Cl. 137-315.000.
McDonald, David I.: *See*—
  Holmes, Donald F.; and McDonald, David I., 4,520,575, Cl. 34-23.000.
McDonald, George H.; and Manatt, Scott A., to Garrett Corporation, The. Oxygen enrichment system. 4,560,394, 12-24-85, Cl. 55-16.000.
McDonald, Giles N.: *See*—
  Manikian, Victor; and McDonald, Giles N., 4,498,808, Cl. 405-61.000.
McDonald, J. Ralph; and McDonald, Philip S. Orthopedic traction apparatus. 4,531,514, 7-30-85, Cl. 128-75.000.
McDonald, James A., to RCA Corporation. Automatic kinescope beam current limiter. 4,562,479, 12-31-85, Cl. 358-243.000.
McDonald, James S., to AT&T Technologies, Inc. Air distributor for sequentially controlling air operated apparatus. 4,505,184, 3-19-85, Cl. 91-39.000.
McDonald, Jerry D. Fixed hand span device for bowler. 4,552,359, 11-12-85, Cl. 273-54.00B.
McDonald, John: *See*—
  Chang, Michael N.; Hammond, Milton L.; Jensen, Norman P.; McDonald, John; and Zambias, Robert A., 4,537,903, Cl. 514-456.000.
McDonald, John F.: *See*—
  Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hucichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
  Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A., 4,551,017, Cl. 356-28.500.
  Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A., 4,551,018, Cl. 356-28.500.
McDonald, Joseph K.; Merritt, James A.; and Stanley, Ann E., to United States of America, Army. Laser photochemical decomposition of compounds containing R—O—P moiety (chemical agents). 4,529,489, 7-16-85, Cl. 204-158.00R.
McDonald, Joseph K.; and Merritt, James A., to United States of America, Army. Laser-induced production of nitrosyl fluoride for etching of semiconductor surfaces. 4,536,252, 8-20-85, Cl. 156-662.000.
McDonald, Neil, to Raydex International Limited. Cable having a laminated plastic insulating sheath. 4,514,036, 4-30-85, Cl. 350-96.230.
McDonald, Philip S.: *See*—
  McDonald, J. Ralph; and McDonald, Philip S., 4,531,514, Cl. 128-75.000.
McDonald, Quentin H.; Montalbano, Anthony P.; and Sieczkowski, Philip, to McDonald, Quentin H. Portable infant carrier. 4,516,806, 5-14-85, Cl. 297-457.000.

McDonald, Ray S.; Thompson, David L.; Rossing, Martin A.; and Hartlaub, Jerome T., to Medtronic, Inc. Digital cardiac pacemaker with rate limit means. 4,515,159, 5-7-85. Cl. 128-419.0PG.

McDonald, Robert. Automatic valve closer to prevent tampering with a thermostatic controlled radiator. 4,558,819, 12-17-85, Cl. 236-42.000.

McDonald, Robert C.; and Macartney, Derek L., to Joy Manufacturing Company. Granular material pneumatic transport apparatus. 4,500,228, 2-19-85, Cl. 406-61.000.

McDonald, Robert C.; Wang, Wei-Tao; Cukor, Peter; and Rubner, Michael F., to GTE Communications Products Corporation; and GTE Automatic Electric Laboratories Incorporated. Electrochemical cell. 4,540,641, 9-10-85, Cl. 429-105.000.

McDonald, William E., II. Modular water heater connection apparatus and method for fabricating same. 4,550,710, 11-5-85, Cl. 126-362.000.

McDonald, William J.; Maurer, William C.; and Nagel, David D., to Tele-Drill, Inc. Insulated drill collar gap sub assembly for a toroidal coupled telemetry system. 4,496,174, 1-29-85, Cl. 285-53.000.

McDonald, William M.: *See—*
- Daughtry, Arthur C.; and McDonald, William M., 4,559,716, Cl. 33-529.000.

McDonald, William R.: *See—*
- Anderson, Robert L.; and McDonald, William R., 4,515,132, Cl. 123-494.000.

McDonie, Arthur F.: *See—*
- Faulkner, Richard D.; and McDonie, Arthur F., 4,521,715, Cl. 313-531.000.

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- Abdullah, Hilal M.; Constant, Jennifer; Gray, George W.; McDonnell, Damien G.; and Toyne, Kenneth J., 4,544,497, Cl. 252-299.500.

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- Lewis, Wallace J.; and Bolser, David R., 4,557,413, Cl. 228-183.000.

McDonnell Douglas Corporation: *See—*
- Arrazola, Ignacio M., 4,515,450, Cl. 353-5.000.
- Barajas, Felix, 4,509,994, Cl. 148-24.000.
- Barajas, Felix, 4,531,986, Cl. 148-24.000.
- Biferno, Michael A., 4,562,433, Cl. 340-716.000.
- Boehringer, Wilfred E.; and Pastor, Vincent J., 4,498,647, Cl. 244-75.00R.
- Brine, Gerald T., 4,542,869, Cl. 244-216.000.
- Brown, Henry C., 4,545,561, Cl. 251-129.080.
- Coggins, Dolphus L.; and Lindner, Walter E., 4,540,465, Cl. 156-642.000.
- Corley, John E.; Andert, Charles M.; Geen, Joseph H.; Wells, Wesley G.; and Lark, Russell D., 4,530,625, Cl. 408-14.000.
- Danielsen, Donald P.; and Lively, Lewell M., Jr., 4,555,133, Cl. 294-82.240.
- Finch, George W.; and Udd, Eric, 4,534,222, Cl. 73-653.000.
- Gower, David, 4,502,555, Cl. 177-25.000.
- Grossman, Jack J., 4,551,628, Cl. 250-503.100.
- Higginbotham, John W.; and Dowden, Dennis C., 4,521,115, Cl. 356-432.000.
- Lehoczky, Sandor L.; and Szofran, Frank R., 4,545,848, Cl. 156-616.00R.
- Lowe, James R., 4,554,545, Cl. 340-980.000.
- Palfery, Kenneth J.; Malcolm, John S.; and Maharaj, Kenrick B., 4,555,844, Cl. 29-568.000.
- Solt, Clarence R., Jr., 4,558,426, Cl. 364-580.000.
- Tucci, Allan T., 4,512,836, Cl. 156-174.000.
- Vahlstrom, Richard; Keats, Dennis R.; and Lee, Peter T., 4,495,598, Cl. 364-900.000.
- Williamson, Robert D.; and Furst, Sidney M., 4,534,813, Cl. 156-212.000.
- Zuleeg, Rainer, 4,518,255, Cl. 356-5.000.

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McDonnell, Roy E. Electrical control of body discharges and headaches. 4,537,195, 8-27-85, Cl. 128-422.000.

McDonough, Charles M., to PCF Group, Inc. Muzzle for electrostatic spray gun. 4,548,363, 10-22-85, Cl. 239-698.000.

McDonough, Kevin C., to Texas Instruments Incorporated. Microcomputer having separate access to complete microcode words and partial microcode words. 4,495,563, 1-22-85, Cl. 364-200.000.

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McDougal, John A. Ignition coil. 4,514,712, 4-30-85, Cl. 336-96.000.

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- Miller, Alexander; Sweetman, James E.; and McDougall, Douglas J., 4,532,743, Cl. 52-207.000.

McDougall, Gloria, to Sentrachem Limited. Recovery of gold and/or silver from cyanide leach liquors on activated carbon. 4,528,166, 7-9-85, Cl. 423-23.000.

McDowall, William L.; and Maplesden, Alan K. Secondary batteries. 4,547,939, 10-22-85, Cl. 29-2.000.

McDowell, Kenneth J., Jr. Rotating film wrapping apparatus with traveling clamp. 4,545,182, 10-8-85, Cl. 53-556.000.

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- Kaminski, Elton G.; and McEldowney, Carl F., 4,530,631, Cl. 413-12.000.

McElhaney, Kirk E. Curved surface suction mounting apparatus. 4,506,855, 3-26-85, Cl. 248-206.200.

McElhaney, Ramon L.: *See—*
- Damani, Nalinkant C.; Bhagat, Haresh G.; and McElhaney, Ramon L., 4,514,385, Cl. 424-81.000.

McElhenny, Stuart W.: *See—*
- Black, Kenneth G.; and McElhenny, Stuart W., 4,495,449, Cl. 318-60.000.

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- Duncan, David T.; Lipscomb, David M.; McElligott, John; and Williams, Charles W., 4,508,116, Cl. 128-203.280.

McElligott, Paul J., Jr., to Pennwalt Corporation. Purification of crude, liquid organosulfonyl chloride. 4,549,993, 10-29-85, Cl. 260-543.00R.

McElrath, Kenneth O.: *See—*
- Weinberg, Harold N.; Rebick, Charles; and McElrath, Kenneth O., 4,497,705, Cl. 208-127.000.

McElreath, Kenneth W.; and Fabian, Gordon R., to Rockwell International Corporation. Automatic flight control pilot assist system. 4,527,242, 7-2-85, Cl. 364-434.000.

McElreath, Kenneth W.: *See—*
- Fabian, Gordon R.; and McElreath, Kenneth W., 4,492,907, Cl. 318-586.000.

McElroy, Arthur H., to McElroy Manufacturing, Inc. Pipe fusion apparatus with load cell for attaching side wall fittings. 4,533,424, 8-6-85, Cl. 156-378.000.

McElroy, Arthur H.: *See—*
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- Giacopelli, James N.; McElroy, James D.; and Taylor, Thomas M., 4,539,437, Cl. 179-18.0ES.

McElroy, James F.: *See—*
- Dantowitz, Philip; Balko, Edward N.; and McElroy, James F., 4,543,303, Cl. 429-34.000.

McElroy, James G. Combustion furnace and burner. 4,556,386, 12-3-85, Cl. 432-149.000.

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McEntire, Edward E.; Neville, Gordon H.; and Nieh, Edward C. Y., to Texaco Inc. Nonfuming solder cleansing and fusing fluids. 4,547,304, 10-15-85, Cl. 252-79.100.

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- with or without polyhydroxylic compound. 4,552,957, 11-12-85, Cl. 544-177.000.
- McEntire, Edward E.: *See—*
  - Burns, Simon P.; Walton, John M.; and McEntire, Edward E., 4,552,958, Cl. 544-177.000.
  - Dominguez, Richard J. G.; McEntire, Edward E.; and Naylor, Carter G., 4,499,254, Cl. 528-49.000.
  - Morris-Sherwood, Betty J.; Brink, Edward C., Jr.; McCoy, David R.; and McEntire, Edward E., 4,548,726, Cl. 252-75.000.
- McEntyre, Stephen C.: *See—*
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- McEuen, Albert H.: *See—*
  - Vaguine, Victor A.; Giebeler, Robert H., Jr.; and McEuen, Albert H., 4,556,070, Cl. 128-804.000.
- McEver, James P.; and Lewandowski, James, to Cameron Iron Works, Inc. Well sealing assembly having resilient seal ring with metal end caps. 4,496,162, 1-29-85, Cl. 277-9.500.
- McEvilly, Thomas V. Post-processing of seismic parameter data based on valid seismic event determination. 4,516,206, 5-7-85, Cl. 364-421.000.
- McEvoy, John C.; and Thomas, Leslie P., to Diamond Automations, Inc. Egg handling system. 4,519,494, 5-28-85, Cl. 198-448.000.
- McEwen, James A. Method and apparatus for detection of breathing gas interruptions. 4,550,726, 11-5-85, Cl. 128-202.220.
- McEwen, Stephen N.; and Guelde, Ted W., to Henry Filters, Inc. Check valve and pump receptor assembly. 4,507,061, 3-26-85, Cl. 417-360.000.
- McFadden, George: *See—*
  - Veenema, James, 4,491,321, Cl. 273-29.00A.
- McFadden, James R., to General Motors Corporation. Crossbeam support pad for towable vehicle. 4,527,812, 7-9-85, Cl. 280-402.000.
- McFadden, Russell T., to Dow Chemical Company, The. Epoxy coating compositions with improved weatherability. 4,540,752, 9-10-85, Cl. 525-531.000.
- McFadden, Russell T.: *See—*
  - Pischke, James W.; McFadden, Russell T.; Krause, Ruben L.; and Moore, Charles H., 4,560,736, Cl. 526-312.000.
- McFaddin, James: *See—*
  - Glodo, David O.; and McFaddin, James, 4,524,420, Cl. 364-497.000.
- McFarlan, Alden I. Air conditioning system and method. 4,559,788, 12-24-85, Cl. 62-98.000.
- McFarland, Cecil G., to Petro-Tex Chemical Corporation. Acetylene removal process. 4,513,159, 4-23-85, Cl. 585-625.000.
- McFarland, Cecil G.: *See—*
  - Keyworth, Donald A.; and McFarland, Cecil G., 4,540,839, Cl. 585-520.000.
- McFarland, Douglas F. Horsepower and fuel consumption gauge. 4,557,140, 12-10-85, Cl. 73-114.000.
- McFarland, Harry G.: *See—*
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- McFarland, Keith E.: *See—*
  - Whitaker, Angus H.; McFarland, Keith E.; Lloyd, William A.; and Patrick, Willard J., 4,500,045, Cl. 242-57.100.
- McFarland, Lorrell C. Vapor driven power system. 4,494,379, 1-22-85, Cl. 60-671.000.
- McFarland, Melvin D.: *See—*
  - Ferrell, Philip J.; Stern, Alan D.; and McFarland, Melvin D., 4,517,639, Cl. 364-186.000.
- McFarland, Robert W.: *See—*
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- McFarland, Roger A.: *See—*
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- McFarlane, Arthur M. G. Tiltable edger saw mechanism. 4,532,842, 8-6-85, Cl. 83-404.100.
- McFarlane, Finley E.: *See—*
  - Fagerburg, David R.; and McFarlane, Finley E., 4,499,262, Cl. 528-279.000.
- McFarlane, Glenton P.; and Swift, Steven G., to Johnson Matthey Public Limited Company. Bursting disc orientation device. 4,550,743, 11-5-85, Cl. 137-68.100.
- McFarlane, Norris B. Production of refractory materials. 4,561,885, 12-31-85, Cl. 75-30.000.
- McFarlane, Richard H. Connecting assembly. 4,500,312, 2-19-85, Cl. 604-263.000.
- McFarlane, Richard H. Flow control device. 4,509,946, 4-9-85, Cl. 604-246.000.
- McFarlane, Robert: *See—*
  - Frankfort, Eric J.; Kenney, George C., II; and McFarlane, Robert, 4,562,567, Cl. 369-106.000.
- McFeaters, Earl: *See—*
  - Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, 4,537,809, Cl. 428-41.000.
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- McFee, James H.: *See—*
  - Finegan, Sean N.; McFee, James H.; and Swartz, Robert G., 4,492,852, Cl. 219-405.000.
- McFiggans, Robert B.; and Muller, Arno, to Pitney Bowes Inc. Accessible housing for electronic system. 4,507,744, 3-26-85, Cl. 364-708.000.
- McFiggans, Robert B.: *See—*
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  - Soderberg, John H.; Eckert, Alton B.; and McFiggans, Robert B., 4,498,187, Cl. 375-117.000.
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- McGaffigan, Thomas H.; and Kent, Harold B., to Raychem Corporation. Compliant connecting device with heat-recoverable driver. 4,522,457, 6-11-85, Cl. 339-30.000.
- McGaffigan, Thomas H.: *See—*
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- McGahan, Mark J. Systematic color reference. 4,509,853, 4-9-85, Cl. 355-35.000.
- McGahan, Wallace A., to Schlage Lock Company. Programmable combination electronic lock. 4,511,946, 4-16-85, Cl. 361-172.000.
- McGahan, Wallace A.: *See—*
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- McGann, Leo E.: *See—*
  - Sedlatschek, Robert; and McGann, Leo E., 4,493,808, Cl. 264-108.000.
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- McGann, William E., to Harris Corporation. Method and apparatus for relaying signals between a ground station and a satellite using a ground relay station. 4,506,383, 3-19-85, Cl. 455-17.000.
- McGard, Inc.: *See—*
  - Taylor, John H., 4,495,910, Cl. 123-198.00B.
  - Taylor, John H., 4,522,569, Cl. 417-434.000.
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- McGarr, Clarence D. Heated water-alcohol injection system for carbureted internal combustion engines. 4,519,341, 5-28-85, Cl. 123-1.00A.
- McGarrah, Robert, to PepsiCo Inc. Bulk syrup delivery system. 4,553,573, 11-19-85, Cl. 141-98.000.
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- McGarry, Phillip E.: *See—*
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- McGarry, Richard A.; and Noiles, Douglas G., to United States Surgical Corporation. Apparatus for applying surgical clips. 4,509,518, 4-9-85, Cl. 128-325.000.
- McGary, Charles W.: *See—*
  - Solomon, Donald D.; McGary, Charles W.; and Pascarella, Vincent J., 4,521,564, Cl. 525-54.100.
- McGary, Vernon: *See—*
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- McGaughey, Donald C.; and Bostian, Bruce R., to State Wide Aluminum of Indiana, Inc. Door frame construction for pickup truck cap and method of manufacture. 4,496,185, 1-29-85, Cl. 296-106.000.
- McGaw, Robert W.: *See—*
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- McGean-Rohco, Inc.: *See—*
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- McGeary, Peter G., to Whittaker Corporation. Weatherproof positive lock connector. 4,545,633, 10-8-85, Cl. 339-42.000.
- McGee, John R.: *See—*
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- McGee, Joseph A.: *See—*
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- McGee, Kevin J., to United States of America, Navy. Pipelined FFT processor. 4,534,009, 8-6-85, Cl. 364-726.000.
- McGee, Thomas G.; and Hockmuth, Richard L., to Petroleum Meter & Pump Co., Inc. Indicator assembly for use with number wheel. 4,507,548, 3-26-85, Cl. 235-94.00R.
- McGeehon, William C.: *See—*
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- McGehee, R. Stephen, to Gof Manufacturing Company, Inc. Apparatus and method for egg turning during incubation. 4,512,285, 4-23-85, Cl. 119-44.000.
- McGehee, Wallace L. Bone emulsifying method. 4,548,829, 10-22-85, Cl. 426-518.000.
- McGettigan, Philip A.: *See—*
  - Garner, John N.; and McGettigan, Philip A., 4,559,771, Cl. 57-6.000.
- McGhee, Charles M. Valve. 4,545,399, 10-8-85, Cl. 137-315.000.

- McGhee, Edward C.; and Beam, Harold D., to Nordson Corporation. Nozzle assembly for electrostatic spray guns. 4,502,629, 3-5-85, Cl. 239-3.000.
- McGhee, James: *See—*
  - Dickinson, Ben W. O., III; Dickinson, Robert W.; Odgers, Irving L.; and McGhee, James, 4,497,381, Cl. 175-61.000.
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- McGhee, James B., to Hill, Leslie C. Thermostat control apparatus. 4,549,160, 10-22-85, Cl. 337-301.000.
- McGhee, R. Wayne: *See—*
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- McGhie, Joseph A.: *See—*
  - Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,517,385, Cl. 568-386.000.
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- McGibbon, Gregor D.: *See—*
  - Skidanenko, Constantine V.; and McGibbon, Gregor D., 4,511,763, Cl. 179-16.0AA.
  - Skidanenko, Constantine V.; and McGibbon, Gregor D., 4,536,614, Cl. 179-18.0FA.
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- McGibbon, Ralph C.: *See—*
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- McGill, Eugene C.; and Bell, Ronald D., to McGill Incorporated. Process of conversion for disposal of chemically bound nitrogen in industrial waste gas streams. 4,519,993, 5-28-85, Cl. 423-235.000.
- McGill, Eugene C.; and Rawlings, Robert L., to McGill Incorporated. Flare gas combustion apparatus. 4,538,982, 9-3-85, Cl. 431-202.000.
- McGill, Eugene C., to McGill Incorporated. Linear combustion apparatus for atmospheric burning of flare gases. 4,548,577, 10-22-85, Cl. 431-202.000.
- McGill, Eugene C.; and Rawlings, Robert L., to McGill Incorporated. Purging process. 4,559,006, 12-17-85, Cl. 431-3.000.
- McGill, Francis R.: *See—*
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  - McGill, James C.; Alley, James R.; and Coombs, David W., 4,528,000, Cl. 55-2.00G.
- McGill, James C.; Alley, James R.; and Coombs, David W., to McGill Incorporated. Fuel conditioning process. 4,528,000, 7-9-85, Cl. 55-2.00G.
- McGill, John, to Energy Conversion Devices, Inc. Photoresponsive semiconductor device having a double layer anti-reflective coating. 4,528,418, 7-9-85, Cl. 136-256.000.
- McGill, Leland S., to Kinney, Richard G. Toilet assemblies. 4,536,902, 8-27-85, Cl. 4-476.000.
- McGill, Paul E.: *See—*
  - Pitigliano, Frank J.; and McGill, Paul E., 4,548,569, Cl. 425-133.100.
- McGill, Robert W.; and Robinson, Chris E., to Figgie International Inc. Case lift outfeed apparatus. 4,534,157, 8-13-85, Cl. 53-531.000.
- McGill, Robert W.; and Winiasz, Michael E., to Figgie International Inc. Case packer. 4,541,524, 9-17-85, Cl. 198-470.100.
- McGill, Stephen T.: *See—*
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- McGillvray, Philip J.: *See—*
  - Taylor, Andrew J.; and McGillvray, Philip J., 4,549,127, Cl. 320-21.000.
- McGilvray, Bruce L.: *See—*
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- McGinity, James W.: *See—*
  - Cuff, George W.; and McGinity, James W., 4,518,547, Cl. 264-4.700.
  - Morrow, Robert M.; Kuebker, William A.; and McGinity, James W., 4,537,689, Cl. 252-11.000.
- McGinley, Emanuel J.; and Tuason, Domingo C., Jr., to FMC Corporation. Enteric coating for pharmaceutical dosage forms. 4,518,433, 5-21-85, Cl. 106-180.000.
- McGinley, Kenneth J.: *See—*
  - Labows, John N., Jr.; Webster, Guy; and McGinley, Kenneth J., 4,542,097, Cl. 435-126.000.
- McGinn, Joseph T.; Jastrzebski, Lubomir L.; and Corboy, John F., Jr., to RCA Corporation. Method for forming a void-free monocrystalline epitaxial layer on a mask. 4,557,794, 12-10-85, Cl. 156-612.000.
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- McGinnis, Gerald E. Endotracheal tube with pressure controlled inflatable cuff. 4,501,273, 2-26-85, Cl. 128-207.150.
- McGinnis, Gerald E. Resuscitation apparatus. 4,559,940, 12-24-85, Cl. 128-206.260.
- McGinnis, Roger N.; Drehman, Lewis E.; and Pitzer, Emory W. Dehydrogenation process. 4,520,223, 5-28-85, Cl. 585-629.000.
- McGinnis, Vincent D.: *See—*
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- McGinniss, Vincent D., to Fais, Robert G. Vaporous solvent treatment of thermoplastic substrates. 4,529,563, 7-16-85, Cl. 264-83.000.
- McGinty, Gordon K., to U.S. Philips Corporation. Furnace suitable for heat-treating semiconductor bodies. 4,540,876, 9-10-85, Cl. 219-405.000.
- McGinty, Joseph R.: *See—*
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- McGivern, James F., to Beconpatch Limited. Convertible furniture. 4,549,320, 10-29-85, Cl. 5-2.00R.
- McGivern, James F., Jr., to United Technologies Corporation. Method and apparatus for surface treating. 4,545,876, 10-8-85, Cl. 204-130.000.
- McGivern, James P.: *See—*
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- McGlen, James A.: *See—*
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- McGlew, John J. Golf ball ejector for golf green hole liner. 4,496,150, 1-29-85, Cl. 273-34.00A.
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- McGlothen, Jody R., to Dresser Industries, Inc. Well perforating and completion apparatus and associated method. 4,523,643, 6-18-85, Cl. 166-297.000.
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- McGonigal, Charles: *See—*
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- McGrail, John F. Closure device for toilet seats. 4,491,989, 1-8-85, Cl. 4-251.000.
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- McInerny, George P., to Technitrol, Inc. Stripper mechanism for document separating apparatus. 4,500,084, 2-19-85, Cl. 271-35.000.
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- McInnes, Robert. Cathode structure for cleaning, plating and/or coating apparatus. 4,521,288, 6-4-85, Cl. 204-213.000.
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- McInnis, Donald E. Hanger and method for suspending a television. 4,520,979, 6-4-85, Cl. 248-323.000.
- McInnis, Stirling A. Speed control of a D.C. electric motor. 4,511,831, 4-16-85, Cl. 318-351.000.
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- McIntire, Andrew N. Advertising sign support. 4,490,932, 1-1-85, Cl. 40-473.000.
- McIntire, Darrell L., to Leggett & Platt, Incorporated. Sofa sleeper seat support system. 4,513,460, 4-30-85, Cl. 5-13.000.
- McIntire, Kenneth R.: *See—*
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- McIntyre, Dorthie J.: *See—*
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- McIntyre, John N.: *See—*
  - Jennings, Charles E.; Barrington, Claud C.; Chen, Lien-Yan; Hopkins, Bob C.; McIntyre, John N., and Regitz, Alfred P., 4,510,960, Cl. 137-75.000.
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- McJunkin Corporation: *See—*
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- McKay, Michael L., to Orbital Engine Company Proprietary Limited. Liquid metering apparatus. 4,554,945, 11-26-85, Cl. 137-312.000.
- McKay, Richard J.: *See—*
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McKee, Harris B., to Frito-Lay, Inc. Method for feeding cookie preforms. 4,562,084, 12-31-85, Cl. 426-502.000.

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Weaver, Robert L.; Van Gheluwe, Joris E. A.; and McKee, John A., 4,495,204, Cl. 426-16.000.

McKee, Kenneth E.; Meitl, Harold G.; Thanh, Vo V.; and Bixler, Craig A., to J. I. Case Company. Tilt-telescope steering wheel arrangement. 4,527,444, 7-9-85, Cl. 74-493.000.

McKee, Kevin D., to Deere & Company. Transmission controller. 4,561,055, 12-24-85, Cl. 364-424.100.

McKee, Robert G. Clipboard. 4,501,438, 2-26-85, Cl. 281-45.000.

McKee, Robert N.: *See—*

Bartlett, Robert L.; and McKee, Robert N., 4,510,980, Cl. 144-1.00C.

McKeehan, David S.; and Kopp, Frans, to Exxon Production Research Co. Remotely operable apparatus and method for determining the distance and angular orientation between two structurally unconnected members. 4,528,757, 7-16-85, Cl. 33-529.000.

McKeel, Daniel W.: *See—*

Sakash, George; Grier, Robert K., Jr.; Stern, Hansjoerg; Dada, Abdul G.; and McKeel, Daniel W., 4,534,301, Cl. 110-255.000.

McKeever, Rodney B.: *See—*

Hauser, Ray L.; and McKeever, Rodney B., 4,541,728, Cl. 374-29.000.

McKelvey, Harold E., to Shatterproof Glass Corporation. Method and apparatus for detecting sputtering target depletion. 4,545,882, 10-8-85, Cl. 204-192.00R.

McKelvey, James M., to Luwa Corporation. Method and apparatus for extruding thermoplastic material. 4,501,498, 2-26-85, Cl. 366-69.000.

McKelvey, Thomas E.; and Guarnieri, Joseph J., to United States of America, Energy. Spring loaded thermocouple module. 4,527,005, 7-2-85, Cl. 136-221.000.

McKelvy, James W.: *See—*

Miller, Walter E., Jr.; and McKelvy, James W., 4,514,690, Cl. 324-225.000.

McKendrick, Roderick W. Prosthetic foot and ankle joint. 4,555,817, 12-3-85, Cl. 623-40.000.

McKenna, Charles M.; Clark, William M., Jr.; and Seliger, Robert L., to Hughes Aircraft Company. Focused ion beam column. 4,556,798, 12-3-85, Cl. 250-492.200.

McKenna, George T. Coat pack. 4,523,703, 6-18-85, Cl. 224-224.000.

McKenna, James E.; and Plocek, Thomas, to Chem-Fleur International, Inc. Selective decarbonylation process. 4,556,743, 12-3-85, Cl. 568-433.000.

McKenna, James J. Circular locking device. 4,514,109, 4-30-85, Cl. 403-370.000.

McKenna, James M., to Du Pont de Nemours, E. I., and Company. Flame retardant copolyetheresters. 4,521,557, 6-4-85, Cl. 524-94.000.

McKenna, John J.; and Thompson, John M., to International Business Machines Corporation. In-place index compression. 4,507,752, 3-26-85, Cl. 364-900.000.

McKenna, Quentin M. Collapsible wind propelled water craft. 4,524,709, 6-25-85, Cl. 114-39.000.

McKenna, Stephen: *See—*

Stiefel, Edward I.; Pan, Wie-Hin; and McKenna, Stephen, 4,547,321, Cl. 556-14.000.

McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cullity, Joseph A.; and Stryzak, Bohdan, to CTBA Associates. Television and market research data collection system and method. 4,546,382, 10-8-85, Cl. 358-84.000.

McKenney, John D., to Lear Siegler, Inc. Portable traffic signalling apparatus and methods therefor. 4,543,905, 10-1-85, Cl. 116-63.00P.

McKenney, John D.: *See—*

Dana, William R.; Friedrich, Ralph S.; and McKenney, John D., 4,557,788, Cl. 156-425.000.

McKenzie, Donald: *See—*

Sheppard, Christine M.; Puxley, David C.; Banks, Reginald G. S.; and McKenzie, Donald, 4,546,091, Cl. 502-84.000.

McKenzie, Ian D., to Imperial Chemical Industries PLC. Supported transition metal composition. 4,533,707, 8-6-85, Cl. 526-125.000.

McKenzie, James A., to Motorola, Inc. V_{BE} voltage reference circuit. 4,495,425, 1-22-85, Cl. 307-297.000.

McKenzie, James A.: *See—*

Ulmer, Richard W.; and McKenzie, James A., 4,544,854, Cl. 307-576.000.

McKenzie, Noel C.: *See—*

Hargreaves, Brian; Lancaster, Robert A.; McKenzie, Noel C.; and Crabtree, John D., 4,529,653, Cl. 428-450.000.

Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, 4,529,662, Cl. 428-450.000.

Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, 4,529,663, Cl. 428-450.000.

McKenzie, Thomas C.; Fanshawe, William J.; and Epstein, Joseph W., to American Cyanamid Company. 3a-(substituted phenyl)-2,3,3a,4,7,7a-hexahydro[or 3a-(substituted-phenyl)octahydro]-4,7-alkano-1H-isoindoles for treating depression in warm-blooded animals. 4,529,736, 7-16-85, Cl. 514-411.000.

McKenzie, Thomas C.: *See—*

Epstein, Joseph W.; McKenzie, Thomas C.; and Fanshawe, William J., 4,544,665, Cl. 514-412.000.

McKeon, Ronald J.: *See—*

Yaghmaie, Farrokh; and McKeon, Ronald J., 4,502,868, Cl. 44-51.000.

McKeough, David T.: *See—*

Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; Eslinger, Delano R.; and Porter, Samuel, Jr., 4,535,132, Cl. 525-443.000.

Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., 4,540,771, Cl. 528-272.000.

Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., 4,543,405, Cl. 528-78.000.

Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., 4,501,872, Cl. 528-18.000.

Chang, Wen-Hsuan; Ambrose, Ronald R.; McKeough, David T.; Porter, Samuel, Jr.; and Eslinger, Delano R., 4,540,766, Cl. 528-45.000.

McKeown, Glen D.: *See—*

Leopold, Edmund A.; and McKeown, Glen D., 4,546,723, Cl. 118-669.000.

McKeown, James H. A., to British Telecommunications. Multi-channel cross-talk interference reduction circuit using modulation-multiplying-demodulation correlator. 4,561,067, 12-24-85, Cl. 364-819.000.

McKeown, Stephen A.: *See—*

Petersen, Carl C.; McKeown, Stephen A.; and Normann, Richard W., 4,494,818, Cl. 339-192.00R.

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McKesson Corporation: *See—*

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McKibben, Barry A., to Tektronix, Inc. Resonant magnetic deflection circuit. 4,554,489, 11-19-85, Cl. 315-399.000.

McKibben, Charlton K.: *See—*

Treharne, Richard W.; McKibben, Charlton K.; and Moles, Donald R., 4,559,206, Cl. 422-186.240.

McKibben, Jerry, to Coats & Clark, Inc. Vibration damper for string musical instrument. 4,509,399, 4-9-85, Cl. 84-216.000.

McKie, Robert A.: *See—*

Mason, Gary R.; Speaker, Kenneth W.; Macropol, James L.; McKie, Robert A.; and Bailin, Sidney C., 4,503,499, Cl. 364-200.000.

McKie, Robert T. Hydraulic carriage drive system. 4,539,814, 9-10-85, Cl. 60-413.000.

McKinlay, James K.: *See—*

Bronnes, Robert L.; McKinlay, James K.; Sweet, Richard C.; and Zwicker, Walter K., 4,559,280, Cl. 428-633.000.

McKinley, Bruce A.: *See—*

Cheng, Tai C.; and McKinley, Bruce A., 4,514,620, Cl. 219-553.000.

McKinley, Henry J., Jr.: *See—*

Marney, O. Guy, Jr.; and McKinley, Henry J., Jr., 4,528,439, Cl. 219-386.000.

McKinley, Mark J.; and Sheridan, Dan P., to Dow Chemical Company, The. Composite mixtures for improving gel strength of water absorbent gels. 4,500,670, 2-19-85, Cl. 524-445.000.

McKinley, Mark J.; and Sanner, Jim W., to Dow Chemical Company, The. Process of using water-absorbent agents for low pH applications. 4,511,477, 4-16-85, Cl. 210-689.000.

McKinley, Mark J.; and Applegath, Douglas D., to Dow Chemical Company, The. Method of inhibiting lost circulation from a wellbore. 4,526,240, 7-2-85, Cl. 175-72.000.

McKinney, Benjamin F., to Oxide & Chemical Corporation. Method and apparatus for the production of lead oxide. 4,521,399, 6-4-85, Cl. 423-620.000.

McKinney, David A. Vehicle air conditioning and heating system. 4,523,631, 6-18-85, Cl. 165-43.000.

McKinney, Joel D.: *See—*

Lopez, Jaime; McKinney, Joel D.; and Pasek, Eugene A., 4,557,821, Cl. 208-108.000.

McKinney, Linda M.; and McKinney, Osborne K., to Dow Chemical Company, The. Polyurethane backed carpet formed with two catalysts. 4,515,846, 5-7-85, Cl. 428-95.000.

McKinney, Linda M.; and McKinney, Osborne K., to Dow Chemical Company, The. Polyurethane backed carpet containing a non-chlorinated polymer. 4,525,405, 6-25-85, Cl. 428-95.000.

McKinney, Osborne K.; and Flores, David P., to Dow Chemical Company, The. Stabilized carboxyl-containing ethylene interpolymers. 4,500,664, 2-19-85, Cl. 524-119.000.

McKinney, Osborne K.; and Flores, David P., to Dow Chemical Company, The. Olefin polymers containing amides and inorganics. 4,529,764, 7-16-85, Cl. 524-232.000.

McKinney, Osborne K.: *See—*

McKinney, Linda M.; and McKinney, Osborne K., 4,515,846, Cl. 428-95.000.

McKinney, Linda M.; and McKinney, Osborne K., 4,525,405, Cl. 428-95.000.

McKinney, Ronald J., to Du Pont de Nemours, E. I., and Company. Process for dimerizing acrylates to hexenedioates. 4,504,674, 3-12-85, Cl. 560-202.000.

McKinnie, Bonnie G.; and Ranken, Paul F., to Ethyl Corporation. (Hydrocarbylthio)phenols and their preparation. 4,533,753, 8-6-85, Cl. 568-47.000.

McKinnie, Bonnie G.; and Robinson, Gene C., to Ethyl Corporation. Alkanoyloxybenzenesulfonate salt production. 4,537,724, 8-27-85, Cl. 260-400.000.

McKinnon, Greg E. J.; and Hoke, Arthur J., to Magna International, Inc. Door edge guard trim. 4,555,870, 12-3-85, Cl. 49-462.000.

McKittrick, Michael T., Jr.: *See—*

Hart, William; and McKittrick, Michael T., Jr., 4,511,342, Cl. 446-429.000.

McKittrick, Mike T.: *See—*
- Renger, Larry H.; and McKittrick, Mike T., 4,536,166, Cl. 446-298.000.

McKnight, Hugh P.; Welty, Kenneth B.; and Dinius, Harold B., to Eli Lilly and Company. Syringe inspection apparatus. 4,500,247, 2-19-85, Cl. 414-416.000.

McKnight, James T., and Silverstein, Paul, to Chesebrough-Pond's Inc. Wound dressing. 4,561,435, 12-31-85, Cl. 128-156.000.

McKnight, Thomas J. Tug type vessel. 4,534,738, 8-13-85, Cl. 440-61.000.

McKnight, William H.: *See—*
- Whitehouse, Harper J.; and McKnight, William H., 4,546,249, Cl. 250-227.000.

McKnight, William S.: *See—*
- Davis, Richard K.; and McKnight, William S., 4,562,392, Cl. 318-572.000.

McLachlan, Craig J.: *See—*
- Short, John P.; McLachlan, Craig J.; Messmer, Charles; and Reinecke, Paul S., 4,554,059, Cl. 204-129.300.

McLain, Clifford E. Matched expansion muzzle brake. 4,545,285, 10-8-85, Cl. 89-14.300.

McLandrich, Matthew N., to United States of America, Navy. Method of wavelength multiplexing in fused single-mode fiber couplers. 4,557,553, 12-10-85, Cl. 350-96.150.

McLane, Jack E.; Schenk, Raymond L.; Rader, Robert R.; and Wirtz, John W., to Wirtz Manufacturing Company, Inc. Machine for continuously casting battery grids. 4,509,581, 4-9-85, Cl. 164-479.000.

McLane, Jack E.; Schenk, Raymond L.; Rader, Robert R.; and Wirtz, John W., to Wirtz Manufacturing Company, Inc. Machine for continuously casting battery grids. 4,534,404, 8-13-85, Cl. 164-429.000.

McLane, Jack E.; Schenk, Raymond L.; Rader, Robert R., and Wirtz, John W., to Wirtz Manufacturing Company, Inc. Machine for continuously casting battery grids. 4,544,014, 10-1-85, Cl. 164-429.000.

McLane, Jack E.; and Schenk, Raymond L., to Wirtz Manufacturing Company, Inc. Machine for continuously casting battery grids. 4,545,422, 10-8-85, Cl. 164-429.000.

McLaren, Barry D.: *See—*
- Barnes, Stephen R.; Tarbox, Gary L.; Huntsman, Lee L.; and McLaren, Barry D., 4,509,526, Cl. 128-663.000.

McLauchlan, John M.; AuYeung, John; Tubbs, Eldred F.; Goss, Willis C.; and Psaltis, Demetri, to United States of America, National Aeronautics and Space Administration. Ranging system which compares an object-reflected component of a light beam to a reference component of the light beam. 4,533,242, 8-6-85, Cl. 356-5.000.

McLauchlan, John M.: *See—*
- Goss, Willis C.; Nelson, Mark D.; and McLauchlan, John M., 4,523,810, Cl. 350-320.000.

McLaughlin, Donald L., to Mars Incorporated. Programmable vending machine accountability apparatus. 4,520,451, 5-28-85, Cl. 364-900.000.

McLaughlin, Hugh R. Apparatus for removing water from the ground. 4,542,594, 9-24-85, Cl. 34-71.000.

McLaughlin, James A., to Titanseal Corporation. Weatherstrip for door. 4,490,943, 1-1-85, Cl. 49-478.000.

McLaughlin, James L.; Custer, Donald J.; and Donze, Richard J., to Morgan Construction Company. Arrangement and operation thereof for threading a rotatable assembly. 4,532,791, 8-6-85, Cl. 72-275.000.

McLaughlin, John R.; and Hertzenberg, Elliot P., to PQ Corporation. Treating beer to prevent chill haze and metal contamination. 4,508,742, 4-2-85, Cl. 426-330.400.

McLaughlin, John R.: *See—*
- Carlson, David A.; and McLaughlin, John R., 4,527,000, Cl. 585-16.000.

McLaughlin, Jon R. Modular construction system. 4,523,418, 6-18-85, Cl. 52-284.000.

McLaughlin, Michael J., to Motorola, Inc. Method and apparatus for measuring the strength of a radio signal frequency. 4,549,311, 10-22-85, Cl. 455-277.000.

McLaughlin, Robert. Faucet repair system. 4,548,224, 10-22-85, Cl. 137-15.000.

McLaughlin, Robert C.: *See—*
- Edwards, Ivan L.; McLaughlin, Robert C.; and Macrander, Max S., 4,498,059, Cl. 331-1.00A.
- Edwards, Ivan L.; McLaughlin, Robert C.; and Macrander, Max S., 4,503,400, Cl. 331-1.00A.
- Edwards, Ivan L.; McLaughlin, Robert C.; and Macrander, Max S., 4,510,462, Cl. 331-1.00A.

McLaughlin, Stephen J.; Harville, John D.; and Blair, Gary S. Mounting assembly for a shaft. 4,527,914, 7-9-85, Cl. 384-428.000.

McLaughlin, Thomas F.; and Diaz, Gerard J., to Technical Support Services, Inc. Replacement labels for keyboard. 4,512,092, 4-23-85, Cl. 40-2.00R.

McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., to Pump Engineer Associates, Inc. Methods and apparatus for recovery of hydrocarbons from underground water tables. 4,527,633, 7-9-85, Cl. 166-370.000.

McLaughlin, Wayne C.; Recker, William J.; Modesitt, Philip C.; and Francescon, Paul K., to Pump Engineer Associates, Inc. Methods and apparatus for recovery of hydrocarbons from underground water tables. 4,546,830, 10-15-85, Cl. 166-370.000.

McLaughlin, William D., Jr., to Celanese Corporation. Cutter wheel for cutting continuous tow. 4,515,054, 5-7-85, Cl. 83-663.000.

McLawhon, George B.: *See—*
- Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Penn, Jack C., 4,495,639, Cl. 381-51.000.
- Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Gallup, Jeffrey M., 4,525,804, Cl. 364-900.000.
- Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Penn, Jack C., 4,531,189, Cl. 364-550.000.

McLay, John: *See—*
- Gleason, Robert F.; and McLay, John, 4,557,557, Cl. 350-96.210.

McLean, Arthur F., to Ford Motor Company. Ceramic turbocharger. 4,541,786, 9-17-85, Cl. 417-407.000.

McLean, George F., Jr.: *See—*
- DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., 4,501,064, Cl. 29-832.000.

McLean, Jean A.: *See—*
- Duncen, Robert J.; Maxner, Richard B.; McLean, Jean A.; and Mirley, William H., Jr., 4,549,087, Cl. 250-561.000.

McLean, John W.; and Gasser, Oswald, to ESPE Fabrik Pharmazeutischer Praparate GmbH. Powdered dental material and process for the preparation thereof. 4,527,979, 7-9-85, Cl. 433-228.000.

McLean, Kenneth W., to Sperry Corporation. Deflector panel for disc mower-conditioner. 4,499,711, 2-19-85, Cl. 56-13.600.

McLean, Kenneth W., to Sperry Corporation. Light hay baffle for disc mower-conditioner. 4,516,391, 5-14-85, Cl. 56-16.400.

McLean, Kenneth W.; and Hale, John K., to Sperry Corporation. Conditioning roll drive mechanism. 4,516,392, 5-14-85, Cl. 56-16.400.

McLean, Kenneth W., to Sperry Corporation. Method and apparatus for checking lubricant volume in a disc cutterbar. 4,539,797, 9-10-85, Cl. 56-12.300.

McLean, Kenneth W., to Sperry Corporation. Crop lifter for disc mower-conditioners. 4,549,390, 10-29-85, Cl. 56-13.600.

McLean, Kenneth W.: *See—*
- Ehrhart, Philip J.; Makofka, Stanley J.; and McLean, Kenneth W., 4,531,349, Cl. 56-13.600.
- Webster, Emmett G.; and McLean, Kenneth W., 4,519,188, Cl. 56-16.400.

McLeish, Bruce J. Continuous copying apparatus. 4,541,710, 9-17-85, Cl. 355-13.000.

McLeish, James G.: *See—*
- Meloche, Kenneth R.; McLeish, James G.; and Libkie, Herbert A., 4,540,188, Cl. 280-6.00R.

McLellan, Norvel J. Simple flyback checker. 4,547,723, 10-15-85, Cl. 324-55.000.

McLellan, Norvel J. No flash, very low noise howitzer round and tube. 4,553,480, 11-19-85, Cl. 102-430.000.

McLemore, Michael; and Chandler, Ronald, to Central Mfg., Inc. Fluid pressure operated reciprocating conveyor. 4,505,380, 3-19-85, Cl. 198-750.000.

McLennan, Daniel, to Deico Mac International, Inc. Waste digestion unit. 4,529,513, 7-16-85, Cl. 210-219.000.

McLennan, George A.: *See—*
- Huebotter, Paul R.; and McLennan, George A., 4,560,533, Cl. 376-367.000.

McLennan, William R.: *See—*
- Dreyer, Paul L.; and McLennan, William R., 4,561,472, Cl. 138-94.300.

McLeod, Alasdair D., to B.M.H. Feedgear. Article turning device. 4,492,299, 1-8-85, Cl. 198-417.000.

McLeod, Dale K.: *See—*
- Garcia, Carlos M.; Reed, I. Ely; and McLeod, Dale K., 4,493,150, Cl. 30-97.000.

McLeod, Ramon M., to General Electric Company. Method of constructing a magnetic core. 4,521,957, 6-11-85, Cl. 29-609.000.

McLin, Marvin R., to McWhorter, Lynn. Battery box hold-down. 4,556,187, 12-3-85, Cl. 248-503.000.

McLoughlin, Bernard J.: *See—*
- Brown, David; Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,495,185, Cl. 514-242.000.
- Hargreaves, Rodney B.; and McLoughlin, Bernard J., 4,493,835, Cl. 424-246.000.
- Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,558,045, Cl. 514-222.000.

McLoughlin, Joseph R., to General Electric Company. Method of fabricating layer insulation for use in high-voltage electrical equipment. 4,522,771, 6-11-85, Cl. 264-61.000.

McLoughlin, Joseph R., to General Electric Company. Rotating disk electrostatic precipitator with removable uniform flow duct. 4,539,022, 9-3-85, Cl. 55-114.000.

McLoughlin, Robert H.; and Kirkham, Stanley W., to Raychem Limited. Strip of heat-recoverable articles. 4,496,616, 1-29-85, Cl. 428-36.000.

McLoughlin, Thomas P., to Institute for Industrial Research and Standards. Fence assembly. 4,526,347, 7-2-85, Cl. 256-33.000.

McMackins, Dudley E.: *See—*
- Coleman, James P.; Hallcher, Richard C.; Rogers, Thomas E.; and McMackins, Dudley E., 4,526,990, Cl. 549-326.000.
- Coleman, James P.; Hallcher, Richard C.; McMackins, Dudley E.; Penquite, Charles R.; and Auvil, Steven R., 4,560,775, Cl. 549-326.000.

McMahan, William H.; and Holtman, Steve H., to American Laser Corporation. High speed switching power supply for a light controlled laser system. 4,504,951, 3-12-85, Cl. 372-38.000.

McMahan, William J.; and Ball, John M. Low flow calibrator. 4,524,606, 6-25-85, Cl. 73-40.000.

McMahill, Patrick D.: *See—*
- Mitchell, Thomas L.; McMahill, Patrick D.; Valbert, Gary G.; and Wellauer, John C., 4,518,276, Cl. 403-13.000.

McMahon, Donald H.; and Spillman, William B., Jr., to Sperry Corporation. Temperature and pressure compensated elasto-optic sensor. 4,518,857, 5-21-85, Cl. 250-225.000.

McMahon, Donald H., to Sperry Corporation. Pressure and temperature compensated photoelastic hydrophone. 4,519,252, 5-28-85, Cl. 73-655.000.

McMahon, Donald H.: *See—*
- Soref, Richard A.; and McMahon, Donald H., 4,516,837, Cl. 350-347.00V.

McMahon, Elihu H., II. Wind turbine. 4,547,125, 10-15-85, Cl. 416-117.000.

McMahon, Garfield W.; and Armstrong, Bruce A., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Underwater transducer with depth compensation. 4,524,693, 6-25-85, Cl. 367-167.000.

McMahon, Garfield W., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Moving coil linear actuator. 4,529,906, 7-16-85, Cl. 310-13.000.

McMahon, Garfield W.: *See—*
- Cielo, Paolo G.; and McMahon, Garfield W., 4,525,818, Cl. 367-149.000.
- Cielo, Paolo G.; and McMahon, Garfield W., 4,546,458, Cl. 367-149.000.

McMahon, Matthew A.: *See—*
- Crone, John M., Jr.; Kuhlmann, Erven J.; and McMahon, Matthew A., 4,553,499, Cl. 118-428.000.

McMahon, Maurice T.: *See—*
- Goel, Prabhakar; and McMahon, Maurice T., 4,494,066, Cl. 324-73.00R.
- Goel, Prabhakar; and McMahon, Maurice T., 4,504,784, Cl. 324-73.00R.

McMahon, Ronald G.; and Hale, Donnie E., to Contitronix, Inc. Front to back adjustment for carriage assembly. 4,493,566, 1-15-85, Cl. 400-59.000.

McMains, Kevin W.; and Wilkerson, Larry A., to American Seating Company. Seating apparatus with removable reclinable back assemblies. 4,527,832, 7-9-85, Cl. 297-355.000.

McManama, Charles E. Logging trailer. 4,540,328, 9-10-85, Cl. 414-538.000.

McManis, George E., III; Miles, Melvin H.; and Fletcher, Aaron N., to United States of America, Navy. High performance molten nitrate cell. 4,528,253, 7-9-85, Cl. 429-112.000.

McManis, George E., III; Fletcher, Aaron N.; and Miles, Melvin H., to United States of America, Navy. Lithium-boron anodes in nitrate thermal battery cells. 4,535,037, 8-13-85, Cl. 429-103.000.

McManis, George E., III: *See—*
- Fletcher, Aaron N.; McManis, George E., III; and Bliss, Dan E., 4,555,455, Cl. 429-112.000.

McMann, Renville H., Jr., to Thomson-CSF Broadcast, Inc. Television method and apparatus. 4,536,799, 8-20-85, Cl. 358-219.000.

McManus, Gregory K.; and Otani, Masato, to Microdry Corporation. Spaghetti dryer. 4,535,552, 8-20-85, Cl. 34-236.000.

McManus, James W.; Winckler, Elmer; and Backus, James. Method and apparatus for removing oil well paraffin. 4,538,682, 9-3-85, Cl. 166-255.000.

McManus, James W.: *See—*
- Winckler, Elmer, 4,516,637, Cl. 166-377.000.

McMaster, Harold A., to Glasstech, Inc. Glass sheet roller conveyor furnace including gas jet pump heating. 4,505,671, 3-19-85, Cl. 432-144.000.

McMaster, Harold A.; McMaster, Robert G.; and McMaster, Ronald A., to Glasstech, Inc. Glass sheet quench including oppositely angled jets. 4,515,622, 5-7-85, Cl. 65-351.000.

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- Penny, Charles, 4,557,632, Cl. 405-267.000.

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- Wudel, John A.; and McMillan, Lavar C., 4,497,841, Cl. 426-565.000.

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- Stroh, Alvin L., 4,512,540, Cl. 248-95.000.

McMillon, Carlos H., to Mack's Guns. Sight and scope conversion mounting. 4,509,282, 4-9-85, Cl. 42-1.0ST.

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McMullin, Wayne A.: *See—*
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McMurtrey, David K. Welded stem assembly. 4,501,435, 2-26-85, Cl. 280-279.000.

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- Rogers, Michael J.; and McMurtry, David R., 4,523,383, Cl. 33-558.000.

McNab Incorporated: *See—*
- Druker, Harvey A., 4,502,011, Cl. 324-446.000.

McNab, Jonas K.: *See—*
- Keir, Grant G. H.; Peebles, John A.; McNab, Jonas K.; and Campbell, Ian N., 4,508,260, Cl. 232-43.100.

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- Gaskell, Philip S.; Lagadec, Roger; and McNally, Guy W., 4,562,489, Cl. 360-39.000.

McNally Pittsburg, Inc.: *See—*
- Sumner, Maurice N., 4,538,722, Cl. 198-861.200.

McNally, William J.; and Mellinger, John C., to Maytag Company, The. Sliding access door for washing machine. 4,510,776, 4-16-85, Cl. 68-3.00R.

McNamara, Dennis J.: *See—*
- Cook, Phillip D.; and McNamara, Dennis J., 4,503,235, Cl. 548-301.000.

McNamara, George, to Leisure Technology, Inc. Microwave appliance for popping popcorn. 4,496,816, 1-29-85, Cl. 219-10.55E.

McNamara, Paul E.: *See—*
- Neustadt, Bernard R.; Andrews, David R.; and McNamara, Paul E., 4,559,340, Cl. 514-222.000.

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McNaught, John P.: *See—*
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- McNaul, William F., to Cubic Corporation. Polarization measurement system and method. 4,556,888, 12-3-85, Cl. 343-362.000.
- McNeal, Lawrence N.; and McNeal, Robin A. Tool for placement of O-rings and method. 4,495,689, 1-29-85, Cl. 29-468.000.
- McNeal, Lawrence N. O-ring placement tool. 4,495,690, 1-29-85, Cl. 29-468.000.
- McNeal, Robin A.: *See—*
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- McNeel, William O.; and Sackett, James A., to Litton Resources Systems, Inc. Accelerometer manufacturing method. 4,505,014, 3-19-85, Cl. 29-25.350.
- McNeel, William O.; and Sackett, James A., to Litton Resources Systems, Inc. Compound piezoelectric accelerometer with residual voltage matching. 4,532,450, 7-30-85, Cl. 310-329.000.
- McNeely, Branch M., Jr. Drill collar structure for use in deviated well bore drilling. 4,560,012, 12-24-85, Cl. 175-61.000.
- McNeely, Michael L., to RCA Corporation. Method of making a video disc from a disc preform. 4,532,095, 7-30-85, Cl. 264-107.000.
- McNeely, Ronald K., to RCA Corporation. Stylus arm insertion apparatus. 4,501,063, 2-26-85, Cl. 29-711.000.
- McNeely, Ronald K., to RCA Corporation. Optical alignment for workpiece. 4,560,274, 12-24-85, Cl. 356-154.000.
- McNeer, Johnny C., to Otis Engineering Corporation. Apparatus and method for treating wells. 4,522,264, 6-11-85, Cl. 166-278.000.
- McNeil, Brian A., to Air Products and Chemicals, Inc. Plant for producing gaseous nitrogen. 4,526,595, 7-2-85, Cl. 62-28.000.
- McNeil, Brian A., to Air Products and Chemicals, Inc. Plant for producing gaseous oxygen. 4,529,425, 7-16-85, Cl. 62-37.000.
- McNeil, Charles B., to Surgidyne Inc. Method and apparatus for removing liquids from a drainage device. 4,551,141, 11-5-85, Cl. 604-317.000.
- McNeil, Maynard W.: *See—*
  - Lemke, Kenneth W.; and McNeil, Maynard W., 4,526,968, Cl. 546-139.000.
- McNeil, Reginald K.; and Spector, George. Boot safety attachment. 4,525,939, 7-2-85, Cl. 36-7.600.
- McNeil, Roderick J. Apparatus and method for material disposal. 4,499,832, 2-19-85, Cl. 110-238.000.
- McNeilab, Inc.: *See—*
  - Feth, Georg; and Mills, John E., 4,499,274, Cl. 546-229.000.
  - Hecker, Leonard R., 4,513,140, Cl. 548-315.000.
  - Ho, Chih Y., 4,529,724, Cl. 514-215.000.
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  - Maryanoff, Bruce E.; and Gardocki, Joseph F., 4,513,006, Cl. 514-23.000.
  - Maryanoff, Cynthia A., 4,499,294, Cl. 549-519.000.
  - Mills, John E., 4,528,382, Cl. 548-561.000.
  - Rasmussen, Chris R., 4,542,144, Cl. 514-371.000.
  - Scott, Malcolm K., 4,528,293, Cl. 514-323.000.
- McNeill, James D.: *See—*
  - Kaufman, Alexander A.; and McNeill, James D., 4,544,892, Cl. 324-334.000.
- McNeill, John L. Ice cube machine cube cutters. 4,522,039, 6-11-85, Cl. 62-320.000.
- McNeill, Robert E.: *See—*
  - Betts, Robert E.; Crawford, John F.; and McNeill, Robert E., 4,549,486, Cl. 102-334.000.
- McNeilly, David R., to United States of America, Energy. Wide-range lock-in amplifier. 4,542,346, 9-17-85, Cl. 328-165.000.
- McNeilly, David R.: *See—*
  - Simpson, Marc L.; and McNeilly, David R., 4,516,020, Cl. 250-214.00L.
- McNeilly, Michael A.; and Benzing, Walter C., to Applied Materials, Inc. Chemical vapor deposition coating process employing radiant heat and a susceptor. 4,496,609, 1-29-85, Cl. 427-55.000.
- McNeilus Truck & Manufacturing Co., Inc.: *See—*
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- McNelis, Robert L.: *See—*
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- McNerney, Norman E.: *See—*
  - Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.
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- McNesby, John B.; and Walker, Erik K., to GTE Communication Systems Corporation. Data transmission by subrate grouping. 4,553,129, 11-12-85, Cl. 340-347.0DD.
- McNicholas, Sandra M.: *See—*
  - Szucs, Robert J.; and McNicholas, Sandra M., 4,538,688, Cl. 172-555.000.
- McNold Corp.: *See—*
  - McCaig, John R., 4,537,460, Cl. 339-235.000.
- McNulty, Chris. Adjustable wrench. 4,534,246, 8-13-85, Cl. 81-111.000.
- McNulty, Frank E. Conduit having waterproof layer of uniform thickness and method of manufacture. 4,537,225, 8-27-85, Cl. 138-145.000.
- McNulty, Hugh, Jr.: *See—*
  - Ward, James W.; Schlanger, Herbert; McNulty, Hugh, Jr.; and Parker, Norman W., 4,556,794, Cl. 250-309.000.
- McNulty, Sherry M.: *See—*
  - Scott, Raymond G.; and McNulty, Sherry M., 4,498,589, Cl. 206-526.000.
- McNutt, James E.; Scott, Robert J.; and Welch, Charles W., to Du Pont de Nemours, E. I., and Company. Aqueous flux for hot dip metalizing process. 4,496,612, 1-29-85, Cl. 427-310.000.
- McNutt, Randy A.: *See—*
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- McPhail, Andrew T.; Spielvogel, Bernard F.; and Hall, Iris H., to Duke University. Binuclear copper (II) carboxylates formed from amine-carboxyboranes. 4,550,186, 10-29-85, Cl. 556-8.000.
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- McPhee, William A.: *See—*
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- McPherson, James O.: *See—*
  - Efron, Edward; McPherson, James O.; and Kim, Young B., 4,524,444, Cl. 371-24.000.
- McPherson, Marianne: *See—*
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- McPherson, Roger K., to Texas Instruments Incorporated. Method of making high density VMOS electrically-programmable ROM. 4,502,208, 3-5-85, Cl. 29-584.000.
- McQuain, David B.: *See—*
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- McQueen, Robert W.: *See—*
  - Schadrack, William C., III; McQueen, Robert W.; and Eyerly, Joyce K., 4,549,538, Cl. 128-92.0EB.
- McQueen, Wayne F. Educational baby toy with lights. 4,508,511, 4-2-85, Cl. 434-258.000.
- McQuillen, Albert L., Jr., to Servsteel, Inc. Interlocking collector nozzle assembly for pouring molten metal. 4,541,553, 9-17-85, Cl. 222-591.000.
- McQuinn, Roy L.; Bronn, William R.; and Banitt, Elden H., to Riker Laboratories, Inc. Metabolite. 4,496,734, 1-29-85, Cl. 546-221.000.
- McQuire, David P.: *See—*
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- McRea, James C.: *See—*
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- McShane, Herbert F., Jr.; Plimmer, Peter N.; and Stewart, Charles W., to Du Pont de Nemours, E. I., and Company. Cured elastomers with improved high temperature tear strength. 4,503,192, 3-5-85, Cl. 525-192.000.
- McShane, Lawrence J., to Eli Lilly and Company. Azetidinone sulfinic acids from cephalosporin sulfones. 4,515,719, 5-7-85, Cl. 260-239.00A.
- McShane, Lawrence J., to Eli Lilly and Company. 3-exomethylene cephalosporins. 4,558,123, 12-10-85, Cl. 544-16.000.
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  - McShirley, Robert C., 4,512,339, Cl. 128-41.000.
- McShirley, Robert C., to McShirley Products, Inc. Percussor application. 4,512,339, 4-23-85, Cl. 128-41.000.
- McStravick, David M.: *See—*
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- McSweeney, Daniel R., to General Foods Corporation. Tabletted beverage composition containing dipeptide sweetener and process therefore. 4,508,740, 4-2-85, Cl. 426-250.000.
- McSweeney, Robert T.; and Long, Stanley A., to North American Philips Corporation. Low-fire ceramic dielectric compositions for multilayer ceramic capacitors. 4,499,521, 2-12-85, Cl. 361-321.000.
- McTamaney, Louis S., to Salk Institute for Biological Studies, The. Displaying article configuration data. 4,491,829, 1-1-85, Cl. 364-562.000.

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McVey, Charles I., to General Electric Company. Electrode structure for high pressure sodium vapor lamps. 4,559,473, 12-17-85, Cl. 313-630.000.

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McVicker, Gary B., to Exxon Research & Engineering Co. Carbonylation process. 4,532,325, 7-30-85, Cl. 546-2.000.

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McWethy, Gary V. Modular high rise construction utilizing assembly line modules. 4,525,975, 7-2-85, Cl. 52-745.000.

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McWhorter, David B.: *See*—

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McWilliams, Donald E.; Melle, Carl A.; and Das, Balbhadra, to PPG Industries, Inc. Chemically treated glass fibers for reinforcing polymeric materials and processes. 4,518,653, 5-21-85, Cl. 428-378.000.

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MDS Health Group Limited: *See*—

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Daughton, William J., 4,547,330, Cl. 264-261.000.

Davis, James W.; DiFloria, Thomas J.; and Propst, Larry D., 4,557,474, Cl. 271-301.000.

DuVall, Dale R., 4,532,602, Cl. 364-577.000.

Fields, Willie M., 4,512,756, Cl. 493-312.000.

Fishback, Alton J., 4,499,990, Cl. 198-411.000.

Greeson, Arnold J., 4,555,709, Cl. 346-1.100.

Jones, David E., 4,514,735, Cl. 346-1.100.

Jones, David E., 4,528,996, Cl. 134-104.000.

Jones, David E., 4,538,157, Cl. 346-75.000.

Jones, David E., 4,547,785, Cl. 346-1.100.

Kistner, Oscar J., 4,534,753, Cl. 493-453.000.

Kockler, Barry C.; Dobson, John E.; and Noonan, Daniel T., 4,552,497, Cl. 412-6.000.

Lackey, Robert W., 4,546,900, Cl. 220-453.000.

Larson, Bradley W., 4,555,103, Cl. 271-35.000.

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Oliff, James R., 4,545,485, Cl. 206-434.000.

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Sanders, Frederick W., 4,551,407, Cl. 430-138.000.

Sanders, Frederick W., 4,562,137, Cl. 430-138.000.

Scott, Burton W., 4,499,358, Cl. 219-10.770.

Scott, Dale K.; and Calvert, Rodney K., 4,512,135, Cl. 53-285.000.

Shackle, Dale R.; Cousin, Michael J.; and Pack, Gary D., 4,532,183, Cl. 428-402.220.

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Shackleton, Craig R., 4,520,369, Cl. 346-75.000.

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Spamer, William S.; and Beerman, Ronald J., 4,530,548, Cl. 312-45.000.

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Suttles, James M., 4,535,704, Cl. 108-108.000.

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Mead Johnson & Company: *See*—

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Covington, Robert R.; Temple, Davis L., Jr.; and Yevich, Joseph P., 4,491,587, Cl. 424-269.000.

David, Stephen T.; Brooke, Dana; and Gallian, Claude E., 4,547,358, Cl. 424-14.000.

Dolak, Terence M.; and Martin, Tellis A., 4,495,194, Cl. 514-323.000.

Dolak, Terence M.; and Martin, Tellis A., 4,505,911, Cl. 514-229.000.

Harris, Nancy T.; and Harris, Leonard C., 4,511,163, Cl. 285-177.000.

Kreighbaum, William E.; and Comer, William T., 4,495,352, Cl. 544-284.000.

Larson, Dalmon M.; and Reyes, Jorge, 4,497,800, Cl. 514-2.000.

Lawson, John E.; Matier, William L.; and Roth, Herbert R., 4,517,188, Cl. 514-394.000.

New, James S.; and Yevich, Joseph P., 4,524,206, Cl. 544-230.000.

Mead, Justin E.: *See*—

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Mead, Theodore C.; and Wright, James H., to Texaco Inc. Urea dewaxing of naphthene oils. 4,504,376, 3-12-85, Cl. 208-25.000.

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Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred

G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.

Meade, Donn W., to Dennison National Company. Expandable envelope file. 4,531,667, 7-30-85, Cl. 229-1.50R.

Meade, Reginald E., to Dairyman's Cooperative Creamery Assoc. Spray drying apparatus and method. 4,561,192, 12-31-85, Cl. 34-10.000.

Meade, Steven L.; Morris, Merle E.; and Rice, Lawrence M., to GTE Products Corporation. Filament support for tubular lamp. 4,510,416, 4-9-85, Cl. 313-579.000.

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  Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., 4,509,928, Cl. 445-27.000.
  Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., 4,535,268, Cl. 313-569.000.

Meador, Charles G.; and Breashears, Eddie H., to Texas Instruments Incorporated. Passivation of silicon oxide during photoresist burnoff. 4,544,416, 10-1-85, Cl. 148-1.500.

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Meador, Neil A., to Permanent Label Corporation. Apparatus and method for decorating articles of non-circular cross-section. 4,502,380, 3-5-85, Cl. 101-38.00R.

Meador, Richard A., to Texaco Inc. Dielectric well logging system with electrostatically shielded coils. 4,514,693, 4-30-85, Cl. 324-338.000.

Meador, Richard A.: *See—*
  Davis, Mark H.; Meador, Richard A.; and Wisler, Macmillan M., 4,536,713, Cl. 324-324.000.

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Meadows, Alan, to Coal Industry (Patents) Limited. Drill pipe sections. 4,496,203, 1-29-85, Cl. 339-16.00C.

Meadows, George E.: *See—*
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Meadows, Roger D., to Dayco Corporation. Method of making a compressible printing blanket and a compressible printing blanket produced thereby. 4,548,858, 10-22-85, Cl. 428-224.000.

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Means, Thomas C.; and Emmerich, Kenneth C., to Fansteel Inc. Roof drill bit. 4,515,230, 5-7-85, Cl. 175-410.000.

Mears, Dana C., to University of Pittsburgh. Regeneration of living tissues by growth of isolated cells in porous implant and product thereof. 4,553,272, 11-19-85, Cl. 623-1.000.

Mears, David F., to General Electric Company. Programmable radio. 4,525,865, 6-25-85, Cl. 455-186.000.

Mears, David F.; and Patterson, Hubert A., to General Electric Company. Mobile vehicular repeater system which provides up-link acknowledgement signal to portable transceiver at end of transceiver transmission. 4,539,706, 9-3-85, Cl. 455-11.000.

Mears, Eric, to Cordell Engineering, Inc. Item transporting. 4,531,821, 7-30-85, Cl. 354-320.000.

Mears, Lawrence N., to LOF Plastics Inc. Vehicle trim strip structure. 4,546,021, 10-8-85, Cl. 428-31.000.

Mease, Richard B.; and Burridge, Robert E., to M&D International Enterprises, Inc. Bouyant hanger unit for dental film chip. 4,526,457, 7-2-85, Cl. 354-345.000.

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  Gajewski, Henry M.; and Measells, Paul, 4,505,708, Cl. 604-408.000.

Measells, Paul E.: *See—*
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Measurex Corporation: *See—*
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Meatto, Franklin D.; and Pilpel, Edward D., to Olin Corporation. Reinforcing ribs in a snow ski with a wood/foam core. 4,545,597, 10-8-85, Cl. 280-610.000.

Meatto, Franklin D.; and Pilpel, Edward D., to Olin Corporation. Alpine ski with selective reinforcement. 4,556,237, 12-3-85, Cl. 280-610.000.

MEC Machinery Co., Ltd.: *See—*
  Matsuoka, Takeji, 4,542,635, Cl. 72-14.000.

Meca S.a.s. di Cagnoni Landoni S.C.: *See—*
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Mecan Arbed-Dommeldange S.a.r.l.: *See—*
  Mercatoris, Robert, 4,533,124, Cl. 266-225.000.

Mecanique des Moutiers Route de Loudun: *See—*
  Maingueneau, Gerard, 4,553,576, Cl. 144-194.000.

Mecapec S.A.: *See—*
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Mechanical Equipment Company, Inc.: *See—*
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Mechanical Technology Incorporated: *See—*
  Brown, Alec T., 4,538,964, Cl. 417-267.000.
  Brown, Alec T., 4,559,779, Cl. 60-517.000.
  Corey, John A., 4,522,030, Cl. 60-525.000.
  Corey, John A., 4,532,765, Cl. 60-517.000.
  Corey, John A.; and Walsh, Michael M., 4,545,341, Cl. 123-192.00B.
  Wilcock, Donald F.; and Gray, Stanley, 4,527,802, Cl. 277-1.000.

Mechanical Transplanter Company: *See—*
  Nyboer, Duane A., 4,513,530, Cl. 47-9.000.

Mechatron Systems, Inc.: *See—*
  Lin, Frank W.; Moon, Suhdok D.; Van, Tri S.; and Anzai, Max I., 4,517,503, Cl. 318-561.000.
  Wong, Harvey C., 4,523,137, Cl. 318-604.000.
  Wong, Harvey C.; and Lin, Frank W., 4,551,664, Cl. 318-592.000.

Mechel, Adam: *See—*
  Konrad, Peter; and Mechel, Adam, 4,512,201, Cl. 73-861.790.

Mecheri, Salah: *See—*
  David, Bernard; Peltre, Gabriel; and Mecheri, Salah, 4,559,230, Cl. 424-91.000.

Mechin, Jean-Claude. Self-adhesive product, process for its manufacture and application as a dressing, packing sheet or fixing tape. 4,552,802, 11-12-85, Cl. 428-255.000.

Mechineau, Didier: *See—*
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Mechling, Richard W. Variable resistance tiltboard for evaluation of balance reactions. 4,548,289, 10-22-85, Cl. 128-774.000.

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  Brashears, David F.; and Mollick, Joseph T., 4,515,090, Cl. 110-264.000.

Meckel, Lothar: *See—*
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  Mennemann, Karl; Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,562,161, Cl. 501-59.000.

Meckel, Walter: *See—*
  Rasshofer, Werner; Konig, Klaus; Meyborg, Holger; Meckel, Walter; and Zenner, Armin, 4,525,590, Cl. 544-222.000.

Mecklenburg, Frank H., to Bird Electronic Corporation. RF wattmeter. 4,547,728, 10-15-85, Cl. 324-95.000.

Meckler, Milton. Fixed solar concentrator-collector-satelite receiver and co-generator. 4,490,981, 1-1-85, Cl. 60-641.150.

Meckstroth, Alan F. Pilot operated fluid control valve. 4,561,627, 12-31-85, Cl. 251-11.000.

Meco Equipment Engineers B.V.: *See—*
  Piepers, Harry C., 4,514,264, Cl. 204-15.000.
  Piepers, Harry C.; and van Poele, Gerard J., 4,515,670, Cl. 204-199.000.

Mecom Standard Limited: *See—*
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Mecron medizinische Produkte GmbH: *See—*
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Mecseki Ercbanyaszati Vallalat: *See—*
  Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.

Mecseki Szenbanyak: *See—*
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  Gyurko, Istvan; Czeininger, Csaba; Mosko, Karoly; and Nagy, Ferenc, 4,544,676, Cl. 521-84.100.

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  Fane, William H., III, 4,546,211, Cl. 179-2.00A.

MED Products, Inc.: *See—*
  Hayes, Daniel F.; Sias, Robert G.; Chesney, Lloyd; and Waldron, John W., 4,525,253, Cl. 204-149.000.

Med-Safe Systems, Inc.: *See—*
  Shillington, Richard A.; and Oberschmidt, Alec, 4,502,606, Cl. 215-274.000.

Med-Tech Micrographics, Inc.: *See—*
  Beachem, Ronald G., 4,497,572, Cl. 355-45.000.

Med-West, Incorporated: *See—*
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Medar, Inc.: *See—*
  Farrow, John F., 4,513,363, Cl. 363-126.000.

Medbery, John L., to International Minerals & Chemical Corp. Granulated fertilizer and slurry process therefor. 4,528,021, 7-9-85, Cl. 71-41.000.

Medbury, Seward J. Means for the sorption of a petroleum product from a liquid. 4,512,890, 4-23-85, Cl. 210-335.000.

Medd, Ronald A., to C. R. Medd & Sons. Rotor for liquid mixing device. 4,522,505, 6-11-85, Cl. 366-343.000.

Meddaugh, Michael D., to Dow Corning Corporation. Mineral particles bound with silicone elastomeric emulsion. 4,505,955, 3-19-85, Cl. 427-393.000.

- Meddles, Dennis, to International Rectifier Corporation. Lead frame structure. 4,556,896, 12-3-85, Cl. 357-70.000.
- Medeco Security Locks, Inc.: *See—*
  - Oliver, Roy N., 4,530,223, Cl. 70-417.000.
  - Roop, Stevie C., 4,552,001, Cl. 70-208.000.
- Medeiros, Charles W.; and Wagner, James B., to General Electric Company. Control valve test in cam controlled valve system. 4,499,756, 2-19-85, Cl. 73-118.000.
- Medeiros, David J.; and Burnett, Mark B., to Atlantic Richfield Company. Furfural process. 4,533,743, 8-6-85, Cl. 549-489.000.
- Medem, Harald; Schreckenberg, Manfred; Dhein, Rolf; Nouvertne, Werner; and Rudolph, Hans, to Bayer Aktiengesellschaft. Thermoplastic polycarbonates, their preparation and their use as shaped articles and films. 4,506,066, 3-19-85, Cl. 528-196.000.
- Meder, Willi; Bertz, Hans-Ulrich; and Golder, Peter, to Hofler, Willy. Gear probe. 4,519,141, 5-28-85, Cl. 33-179.50R.
- Medero, Richard; Hood, Rush W.; Apple, Howard P.; and Ramsey, Maynard, III, to Critikon, Inc. Method of automated blood pressure detection. 4,543,962, 10-1-85, Cl. 128-682.000.
- Medero, Richard, to Critikon, Inc. Detection of blood pressure complexes in automated vital signs monitors. 4,546,775, 10-15-85, Cl. 128-681.000.
- Medex, Inc.: *See—*
  - Mandl, Joseph P., 4,551,136, Cl. 604-141.000.
- Medgyesi, Andras: *See—*
  - Karacsonyi nee Eva Spindler, Belane ; Racz, Bela; Boszormenyi, Istvan; Kiraly, Laszlo ; and Medgyesi, Andras, 4,544,410, Cl. 106-278.000.
- Medhekar, Ranjana A.: *See—*
  - Levy, Jacqueline S.; Medhekar, Ranjana A.; and Winchell, David F., 4,529,842, Cl. 179-18.0BC.
- Medi-Tech Incorporated: *See—*
  - Gould, Arnold S.; Sawicki, Gary; and Ciannella, Michael A., 4,552,554, Cl. 604-51.000.
- Media Research s.r.l.: *See—*
  - Bruno, Graziella, 4,511,577, Cl. 514-448.000.
- Media Systems Technology: *See—*
  - Kadison, Eric M.; Batra, Subhash C.; and Meir, Gad E., 4,494,156, Cl. 360-48.000.
- Media Transference International: *See—*
  - Briggs, James B., 4,555,730, Cl. 358-142.000.
- Mediate, Bruno A.: *See—*
  - Hickman, John R.; Kriska, Nicholas J.; Brechtelsbauer, Jeffrey H.; Mediate, Bruno A.; and Rotheiser, Jordan I., 4,541,541, Cl. 220-253.000.
- Medical Biological Sciences, Inc.: *See—*
  - Ashman, Arthur; and Bruins, Paul F., 4,535,485, Cl. 623-16.000.
  - Ashman, Arthur; and Bruins, Paul F., 4,547,390, Cl. 427-2.000.
  - Bruins, Paul F.; and Ashman, Arthur, 4,536,158, Cl. 433-201.100.
  - Bruins, Paul F.; and Ashman, Arthur, 4,547,327, Cl. 264-16.000.
- Medical College of Ga. Research Institute, Inc.: *See—*
  - Pashley, David H., 4,538,990, Cl. 433-217.000.
- Medical College of Ohio, The: *See—*
  - Manning, Maurice; and Sawyer, Wilbur H., 4,491,577, Cl. 424-177.000.
  - Manning, Maurice; and Sawyer, Wilbur H., 4,551,445, Cl. 514-9.000.
- Medical College of Wisconsin, The: *See—*
  - Riley, Danny A.; and Bain, James L. W., 4,552,145, Cl. 128-630.000.
- Medical College of Wisconsin, Inc., The: *See—*
  - Brown, Charles E., 4,510,450, Cl. 324-321.000.
  - Froncisz, Wojciech; and Hyde, James S., 4,504,788, Cl. 324-316.000.
- Medical Designs, Inc.: *See—*
  - Hutson, Floyd E., 4,494,534, Cl. 128-80.00F.
  - Martin, Kelsey, 4,503,846, Cl. 128-80.00C.
- Medical Devices, Inc.: *See—*
  - Schlumberger, Etienne, 4,495,816, Cl. 73-600.000.
- Medical Engineering Corporation: *See—*
  - Bark, Jeffrey E., 4,533,349, Cl. 604-174.000.
  - Carter, Garry L.; and Weeks, Vaughan B., 4,554,687, Cl. 4-144.200.
  - Finney, Roy P., 4,532,920, Cl. 128-79.000.
  - Finney, Roy P., 4,549,530, Cl. 128-1.00R.
  - Finney, Roy P.; Trick, Robert E.; and Lynch, Henry W., 4,550,719, Cl. 128-79.000.
  - Trick, Robert E., 4,549,531, Cl. 128-1.00R.
  - Trick, Robert E., 4,550,720, Cl. 128-79.000.
  - Weeks, Vaughan B., 4,520,814, Cl. 128-303.100.
  - Yachia, Daniel; and Lynch, Henry W., 4,523,584, Cl. 128-79.000.
- Medical Laboratory Automation, Inc.: *See—*
  - Scordato, Richard E., 4,497,774, Cl. 422-73.000.
- Medical Magnetics, Inc.: *See—*
  - Blechman, Abraham; and Pescatore, Eugene A., 4,507,084, Cl. 433-7.000.
  - Blechman, Abraham; and Pescatore, Eugene A., 4,526,539, Cl. 433-18.000.
  - Smiley, Harry; and Blechman, Abraham, 4,508,505, Cl. 433-18.000.
  - Smiley, Harry; and Blechman, Abraham, 4,511,330, Cl. 433-18.000.
- Medical Plastics, Inc.: *See—*
  - Archibald, G. Kent, 4,494,541, Cl. 123-303.130.
- Medical Research Associates, Ltd. #2: *See—*
  - Andrews, Winston A.; and Carpenter, Larry, 4,559,671, Cl. 16-111.00R.
  - Rexroth, Frederick W., 4,550,727, Cl. 128-303.140.
  - Sterling, Robert E., 4,511,354, Cl. 604-98.000.
  - Sterling, Robert E., 4,552,914, Cl. 524-269.000.
- Medical Research (Marketing) Pty. Ltd.: *See—*
  - Corbett, Lorimer J., 4,513,010, Cl. 514-651.000.
- Medical Technology, Ltd.: *See—*
  - Xanthopoulos, Piritheos E., 4,537,561, Cl. 417-63.000.
- Medici, Italo: *See—*
  - Clemence, Francois; Medici, Italo; Fournex, Robert; and Tournemine, Colette, 4,501,740, Cl. 514-283.000.
- Medico, Louis J., to Perkin-Elmer Corporation, The. Chuck handling device. 4,553,311, 11-19-85, Cl. 29-559.000.
- Medicomp, Inc.: *See—*
  - Little, Charles A., III; and Patterson, Raymond B., III, 4,494,551, Cl. 128-696.000.
- Medinvent S.A.: *See—*
  - Maass, Dierk; and Wallsten, Hans I., 4,553,545, Cl. 128-341.000.
- Mediolanum Farmaceutici s.r.l.: *See—*
  - Fravolini, Arnaldo, 4,535,079, Cl. 514-225.000.
- Medipack AG: *See—*
  - Artusi, Aldo, 4,535,890, Cl. 206-530.000.
- Mediscus Products Limited: *See—*
  - Hunt, William V.; Coletta, John A.; Howling, Richard J.; and Higgs, Leonard, 4,525,885, Cl. 5-453.000.
- Medlin, Lewis B. Mounting bracket for electrical outlet boxes. 4,533,060, 8-6-85, Cl. 220-3.900.
- Medlin, Lewis B., Jr. Mounting bracket for a junction box. 4,561,615, 12-31-85, Cl. 248-27.100.
- Medline AB: *See—*
  - Brundin, Jan-Olof, 4,509,504, Cl. 128-1.00R.
- Medlinsky, Edward I. Internal combustion engine. 4,526,139, 7-2-85, Cl. 123-26.000.
- Medlock, Alfred A. Golf club swing training device. 4,526,373, 7-2-85, Cl. 273-186.00R.
- Medlock, Dan. Radiator filler neck refacing tool. 4,509,394, 4-9-85, Cl. 82-4.00R.
- Mednick, Mel; and Weiss, Karyn, to L.J.N. Toys, Ltd. Toy figure with extending neck. 4,530,671, 7-23-85, Cl. 446-320.000.
- Mednikarov, Borislav D.: *See—*
  - Konstantinov, Ivan T.; Mednikarov, Borislav D.; Sahatchieva, Maria A.; and Burov, Atanas T., 4,499,173, Cl. 430-278.000.
- Medosan Industrie Biochimiche Riunite S.p.A.: *See—*
  - Baglioni, Alessandro, 4,521,538, Cl. 514-423.000.
  - Vita, Filippo, 4,562,178, Cl. 514-59.000.
- Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., to Institut Elektrosvarki Imeni E.O. Patona. Method for electroslag welding with consumable plate electrodes. 4,495,395, 1-22-85, Cl. 219-73.100.
- Medri, Mario W.: *See—*
  - Becker, Amy J.; Abbazia, Leonard P.; and Medri, Mario W., 4,545,989, Cl. 424-154.000.
- Medsys, Inc.: *See—*
  - Myers, George H., 4,508,121, Cl. 128-639.000.
- Medtech Plastics, Inc.: *See—*
  - Kintner, Michael H., 4,516,969, Cl. 604-187.000.
- Medtronic, Inc.: *See—*
  - Anderson, Katherine H., 4,531,523, Cl. 128-419.0PT.
  - Baker, Richard W., 4,550,370, Cl. 364-413.000.
  - Baudino, Michael D., 4,541,433, Cl. 128-668.000.
  - Bornzin, Gene A., 4,502,492, Cl. 128-785.000.
  - Bourgeois, Ivan M., 4,498,478, Cl. 128-419.0PG.
  - Cahalan, Patrick T.; Jevne, Allan H.; and Fogt, Eric J., 4,519,973, Cl. 264-267.000.
  - Dickhudt, Eugene A., 4,519,403, Cl. 128-785.000.
  - Hartlaub, Jerome T.; and Beckmann, Paul J., 4,493,325, Cl. 128-419.0PG.
  - Hartlaub, Jerome T., 4,552,154, Cl. 128-702.000.
  - Kallok, Michael J.; and Bornzin, Gene A., 4,499,907, Cl. 128-786.000.
  - Keimel, John G., 4,515,160, Cl. 128-419.0PG.
  - Keimel, John G., 4,553,547, Cl. 128-419.0PG.
  - Knoll, Glenn F.; and Schrader, Mark E., 4,546,255, Cl. 250-369.000.
  - Lattin, Gary A., 4,509,947, Cl. 604-266.000.
  - Markowitz, Harold T.; Rueter, John C.; and Syring, Gary J., 4,503,858, Cl. 128-419.0PT.
  - Markowitz, Harold T.; Rueter, John C.; and Duffin, Edwin G., 4,505,276, Cl. 128-697.000.
  - McDonald, Ray S.; Thompson, David L.; Rossing, Martin A.; and Hartlaub, Jerome T., 4,515,159, Cl. 128-419.0PG.
  - Niemi, Bill H., 4,548,208, Cl. 128-419.00F.
  - Olson, Walter H., 4,535,774, Cl. 128-419.0PG.
  - Phillips, Gary M.; and Benjamin, Albert S., 4,542,080, Cl. 429-174.000.
  - Proctor, Keith J.; and Doring, John D., 4,538,623, Cl. 128-784.000.
  - Rueter, John C., 4,523,593, Cl. 128-419.0PG.
  - Stanton, David J., 4,539,993, Cl. 128-421.000.
  - Stokes, Kenneth B., 4,506,680, Cl. 128-786.000.
  - Thompson, David L.; Roline, Glenn M.; and Harrington, Richard J., 4,520,825, Cl. 128-422.000.
  - Thompson, David L.; Bennett, Robert M.; and Roline, Glenn M., 4,556,063, Cl. 128-419.0PT.
  - Wielders, Pierre G. E.; and Leinders, Robert, 4,548,209, Cl. 128-419.00D.
  - Williams, Terrell M., 4,498,482, Cl. 128-786.000.
  - Zaidenweber, Gary A., 4,558,284, Cl. 329-126.000.

Medwed, Emmerich, to Multivac Sepp Haggenmuller KG. Molding apparatus provided with separable mold parts. 4,515,546, 5-7-85, Cl. 425-195.000.

Medwed, Emmerich, to Multivac Sepp Haggenmuller KG. Apparatus for producing containers from thermoplastic sheet material. 4,521,175, 6-4-85, Cl. 425-403.000.

Medwed, Peter M., to Electrolux Corporation. Self-cleaning joint. 4,521,936, 6-11-85, Cl. 15-377.000.

Medwedeff, Marion C. Handgrip exercising, computer game controller. 4,558,864, 12-17-85, Cl. 273-148.00B.

Mee, Alec: *See—*

Hayden, Percy; Mee, Alec; and Wright, Donald, 4,507,508, Cl. 568-487.000.

Mee, Gary L.; and Willcott, M. Robert. Method of measuring NMR spin-spin relaxation time (T_2) using spin-echos. 4,502,007, 2-26-85, Cl. 324-307.000.

Mee, Gary L.; and Willcott, M. Robert, to NMR Imaging, Inc. Method of tuning an NMR apparatus. 4,543,529, 9-24-85, Cl. 324-313.000.

Mee, William W.: *See—*

Govang, James A.; Mee, William W.; and de Gruchy, Robert S., 4,509,648, Cl. 211-70.600.

Meeder, Charles A.; Tinkle, Anthony R.; and Wener, Kenneth R., to Marathon Oil Company. Seafloor velocity and amplitude measurement apparatus and method therefor. 4,558,437, 12-10-85, Cl. 367-15.000.

Meeder, Edward A., Jr., to Allied Corporation. Cathode ray tube vibration isolator. 4,551,765, 11-5-85, Cl. 358-248.000.

Meeder, Raymond L., to Siemens Gammasonics, Inc. Detector head mounting apparatus. 4,560,876, 12-24-85, Cl. 250-363.00S.

Meehan, James E., to Slater Electric Inc. Self-contained electrical wiring device. 4,500,746, 2-19-85, Cl. 174-48.000.

Meehan, Patrick J., to Du Pont de Nemours, E. I., and Company. Fluid sample cell for X-ray analysis. 4,528,657, 7-9-85, Cl. 378-47.000.

Meehan, Richard G., to Kwikform America, Inc. Founding ladder system. 4,496,026, 1-29-85, Cl. 182-128.000.

Meehan, Robert F.; Rose, William H.; and Shaffer, David T., to AMP Incorporated. Electrical connector for integrated circuit package. 4,530,552, 7-23-85, Cl. 339-17.0CF.

Meehan, Robert F.: *See—*

Bennett, Benny M.; Meehan, Robert F.; and Zell, Dale R., 4,552,422, Cl. 339-17.0CF.

Meek, Dale E.; and Upchurch, James M., to Schlumberger Technology Corporation. Full bore sampler valve apparatus. 4,553,598, 11-19-85, Cl. 166-317.000.

Meek, Jan; Uittenbogaard, Maurice; Michelsen, Finn C.; and Heerema, Pieter S., deceased (by Heerema, E. P., executor), to Heerema Engineering Service BV. Offshore tower structures. 4,557,629, 12-10-85, Cl. 405-204.000.

Meek, Jan: *See—*

Willemse, Kees; Meek, Jan; and Michelsen, Finn C., 4,553,878, Cl. 405-203.000.

Meek, Larry N., to Indian Valley Company, Inc. Apparatus for installation and removal of drill depth rings. 4,502,212, 3-5-85, Cl. 29-721.000.

Meek, Thomas, to Norwood Industries, Inc. Apparatus for recording and playing back magnetic tape cassettes and the like. 4,525,755, 6-25-85, Cl. 360-63.000.

Meek, Thomas T.; and Blake, Rodger D., to United States of America, Energy. Ceramic-glass-metal seal by microwave heating. 4,529,856, 7-16-85, Cl. 219-10.55M.

Meek, Thomas T.; and Blake, Rodger D., to United States of America, Energy. Ceramic-glass-ceramic seal by microwave heating. 4,529,857, 7-16-85, Cl. 219-10.55M.

Meeker, Brian L.; Ferguson, John W.; and Werner, Henry G., to Fiber-Lite Corporation. Fibrous product. 4,517,236, 5-14-85, Cl. 428-192.000.

Meeker, Brian L. Hardened portion of a fibrous product and a method for producing the same. 4,554,196, 11-19-85, Cl. 428-67.000.

Meeker, C. Irving: *See—*

Roth, Wilfred; and Meeker, C. Irving, 4,523,590, Cl. 128-325.000.

Meeker, David M.; and Lilubridge, Harold R., to Champion International Corporation. Quick opening envelope. 4,492,308, 1-8-85, Cl. 206-610.000.

Meeker, Donald J.: *See—*

Bangerter, Roger O.; and Meeker, Donald J., 4,525,323, Cl. 376-106.000.

Meeker, Gregory W.; and Bleck, Norris E., to USM Corporation. Rotary plasticator ram injection machine. 4,557,683, 12-10-85, Cl. 425-147.000.

Meeker, Paul: *See—*

Bevington, John F.; Meeker, Paul; and Savidge, Michael, 4,519,112, Cl. 15-326.000.

Meeker, Rick A.: *See—*

Bloome, James A.; Meeker, Rick A.; Whicker, Jerry T.; and Foreman, Frederick J., 4,499,624, Cl. 15-97.00R.

Meeks, Alan M. G., to ITW Limited. Security seals. 4,537,432, 8-27-85, Cl. 292-318.000.

Meeks, Jasper L.; and Corney, John D. Water treatment device. 4,532,040, 7-30-85, Cl. 210-222.000.

Meenen, Raymond P., to Mayflower Electronic Devices Inc. Control apparatus for folding machine. 4,496,337, 1-29-85, Cl. 493-14.000.

Meerman, Wilhelmus C. P. M., to U.S. Philips Corporation. Device for the continuous manufacture of elongated bodies starting from unmolten solid starting material. 4,546,484, 10-8-85, Cl. 373-27.000.

Mees, Bernhard: *See—*

Diery, Helmut; and Mees, Bernhard, 4,500,735, Cl. 564-286.000.

Meese, William G.; Pratt, Robert G.; Charneski, Mitchell D.; Brokenshire, Robert E.; and Whitney, Bruce F., to Detroit Edison Company, The. Microprocessor electric vehicle charging and parking meter system structure and method. 4,532,418, 7-30-85, Cl. 235-381.000.

Meffe, Marc E.: *See—*

Kush, Stephen T.; and Meffe, Marc E., 4,525,626, Cl. 250-227.000.

Meffert, Alfred: *See—*

Fischer, Herbert; Gorzinski, Manfred; Gress, Wolfgang; Meffert, Alfred; and Wegemund, Bernd, 4,555,564, Cl. 528-295.300.

Herold, Julius; Kluth, Hermann; Meffert, Alfred; and Leder, Manfred, 4,551,517, Cl. 528-60.000.

Hoefer, Rainer; Meffert, Alfred; and Wegemund, Bernd, 4,549,002, Cl. 526-209.000.

Kluth, Hermann; and Meffert, Alfred, 4,508,853, Cl. 521-107.000.

Peerman, Dwight E.; DiDomenico, Edward; Frisch, Kurt C.; and Meffert, Alfred, 4,546,120, Cl. 521-159.000.

Mefina S.A.: *See—*

Jimenez, Antonio; and Baruffa, Olindo, 4,490,930, Cl. 38-32.000.

Mega International, Inc.: *See—*

Hopmayer, Gary S.; and Barone, Charles, 4,493,018, Cl. 363-145.000.

Megabar Explosives Corporation: *See—*

Abegg, M. Taylor; Peterson, John A.; Jessop, Harvey A., deceased; and Lavery, Ormond F., personal representative, 4,552,597, Cl. 149-2.000.

Megadiamond Industries Inc.: *See—*

Hall, David R., 4,525,178, Cl. 51-309.000.

Hall, David R., 4,529,048, Cl. 175-410.000.

Horton, M. Duane; and Horton, L. Brent, 4,527,643, Cl. 175-329.000.

Megargee, Theresa M. Air propelled projectile launcher. 4,548,190, 10-22-85, Cl. 124-56.000.

MegaTape Corporation: *See—*

Gyi, Ko K., 4,561,610, Cl. 242-198.000.

Herrington, Lawrence; and Avra, Raymond E., 4,537,367, Cl. 242-198.000.

Megatech Corporation: *See—*

Haldeman, Charles W., 4,556,101, Cl. 165-45.000.

Megaw, John H. P. C.: *See—*

Hill, Michael; Megaw, John H. P. C.; and Harvey, Howard, 4,514,613, Cl. 219-121.0EC.

Megeid, Mohamed M. A., to RCA Corporation. Clock regenerator using two on-off oscillators. 4,523,158, 6-11-85, Cl. 331-55.000.

Meggle Milchindustrie GmbH & Co. KG: *See—*

Boesig, Werner; and Pritzwald-Stegmann, Bernd, 4,511,553, Cl. 424-35.000.

Meggs, Daniel H.; Gross, Herbert G.; and Greenslade, John T., to Gulf & Western. Flexible elongated lighting system. 4,521,835, 6-4-85, Cl. 362-183.000.

Meggs, Jean-Pierre, to Transrack. Card frame for circuit cards. 4,530,033, 7-16-85, Cl. 361-415.000.

Meglino, Don A. Slat retaining means for chain link fences. 4,512,556, 4-23-85, Cl. 256-34.000.

Megna, Ignazio S., to American Cyanamid Company. Catalyst compositions for polyaliphatic isocyanate-based polyurethanes. 4,548,919, 10-22-85, Cl. 502-154.000.

Megna, Ignazio S.; and Franz, Curtis A., to American Cyanamid Company. Low heat buildup polyurethane compositions and articles. 4,556,703, 12-3-85, Cl. 528-49.000.

Megomat AG: *See—*

Schmid, Hans, 4,506,566, Cl. 81-9.510.

Meguro, Hiroshi; Okubo, Yuji; and Watanabe, Sakuji, to Nippon Kogaku K.K. Exposure mode setting device in an exposure control apparatus of a camera. 4,497,564, 2-5-85, Cl. 354-442.000.

Meguro, Satoshi: *See—*

Yoh, Kanji; Yamashiro, Osamu; and Meguro, Satoshi, 4,559,694, Cl. 29-571.000.

Meguro, Takashi; Ogata, Yasunobu; and Sawada, Yoshizo, to Hitachi Metals, Ltd. Method of heat-treating amorphous material. 4,525,222, 6-25-85, Cl. 148-121.000.

Meguro, Toshiaki: *See—*

Ogawa, Masumi; Kawakami, Hiromi; and Meguro, Toshiaki, 4,551,756, Cl. 358-197.000.

Mehada, Masashi; Yoshimura, Shozo; Yamaguchi, Kenshiro; and Iwao, Osamu, to Toyo Aluminium Kabushiki Kaisha. Composite aluminum foil for use as electrode in electrolytic capacitor. 4,510,207, 4-9-85, Cl. 428-607.000.

Mehalla, Hacene, to Societe Chimique des Charbonnages-CdF Chimie. Aromatic hydrocarbon resins containing vinylketone groups and polymers thereof. 4,514,542, 4-30-85, Cl. 525-193.000.

Meharg, Richard D.; and Singletary, Buckley A., to Sears, Roebuck and Co. Apparatus for operating a line driven device. 4,548,250, 10-22-85, Cl. 160-331.000.

Mehes, Ferenc; and Mozes, Andras. Test machine for determining concrete strength. 4,501,153, 2-26-85, Cl. 73-803.000.

Mehesch, Hans: *See—*

Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, 4,497,595, Cl. 405-261.000.

Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, 4,525,103, Cl. 405-261.000.

Mehkri, Shahab A.: *See—*

Shariff, Sadiq A.; Bharteey, Brij M.; and Mehkri, Shahab A., 4,528,614, Cl. 361-379.000.

Mehl, Byron R., to Sundstrand Corporation. Power converter control circuit. 4,523,267, 6-11-85, Cl. 363-87.000.

Mehl, Wolfgang, to International Toner Specialties. Encapsulated particulate magnetic development powders containing a sublimable dyestuff. 4,536,462, 8-20-85, Cl. 430-106.000.

Mehlan, Bernd; and Gress, Josef, to Sielaff GmbH & Co. Automatenbau Herrieden. Automatic dispensing machine having a cooling unit. 4,509,339, 4-9-85, Cl. 62-450.000.

Mehler, Doron; and Otten, Brigitte. Catheter set. 4,543,092, 9-24-85, Cl. 604-164.000.

Mehner, Everett C.: *See*—

- Bonebright, Mark E.; and Mehner, Everett C., 4,531,129, Cl. 343-754.000.

Mehnert, Gottfried: *See*—

- Younkin, Harry A.; Mehnert, Gottfried; and Roos, Uwe V., 4,560,340, Cl. 425-526.000.

Mehnert, Walter. Method and apparatus for the measurement of the length of a straight line or an arc. 4,550,504, 11-5-85, Cl. 33-125.00C.

Mehnert, Walter: *See*—

- Bolkow, Ludwig; Mehnert, Walter; and Chaborski, Hoiko, 4,498,764, Cl. 356-5.000.
- Chaborski, Hoiko; and Mehnert, Walter, 4,521,107, Cl. 356-5.000.

Mehra-Palta, Asha; and Gross, Kimnaja, to International Paper Company. Asexual propagation of pine trees. 4,550,528, 11-5-85, Cl. 47-58.000.

Mehra, Yuv R., to El Paso Hydrocarbons Company. Process for extracting natural gas liquids from natural gas streams with physical solvents. 4,511,381, 4-16-85, Cl. 62-17.000.

Mehra, Yuv R., to El Paso Hydrocarbons Company. Process for flexibly rejecting selected components obtained from natural gas streams. 4,526,594, 7-2-85, Cl. 62-17.000.

Mehrotra, Deepak; Shaw, Gerard J.; Go, Jok Y.; and Kant, Rajni, to Raytheon Company. Semiconductor device fabrication process. 4,512,076, 4-23-85, Cl. 29-578.000.

Mehrotra, Deepak; Kant, Rajni; and Patel, Kishor M., to Raytheon Company. Configurable logic gate array. 4,527,115, 7-2-85, Cl. 324-73.00R.

Mehta, Arun K.: *See*—

- Borio, Donald C.; Borio, Richard W.; Hale, Gilbert L.; Mehta, Arun K.; and Tyler, Arnold L., 4,552,077, Cl. 110-347.000.

Mehta, Aspy K., to Union Carbide Corporation. Oiled, electrically conductive carbon black. 4,510,078, 4-9-85, Cl. 252-510.000.

Mehta, Avinash C.; and Taylor, Lloyd D., to Polaroid Corporation. Photographic system with salt of phenylmercaptoazole and quaternary radical. 4,543,317, 9-24-85, Cl. 430-219.000.

Mehta, Avinash C., to Polaroid Corporation. Blocked vinyl biphenyl compounds. 4,550,214, 10-29-85, Cl. 568-643.000.

Mehta, Kunj R.: *See*—

- Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Mehta, Kunj R., 4,558,146, Cl. 556-410.000.

Mehta, Pradip S.; and Valsamis, Lefteris N., to USM Corporation. Rotary processors and seals. 4,527,900, 7-9-85, Cl. 366-99.000.

Mehta, Pradip S.; Valsamis, Lefteris N.; and Tadmor, Zehev, to USM Corporation. Rotary processors and method for devolatilizing materials. 4,529,320, 7-16-85, Cl. 366-75.000.

Mehta, Pradip S.; and Valsamis, Lefteris N., to USM Corporation. Rotary processors and vacuum systems. 4,529,478, 7-16-85, Cl. 159-9.100.

Mehta, Pradip S., to USM Corporation. Phase separating rotary processor and method. 4,549,810, 10-29-85, Cl. 366-75.000.

Meiattini, Franco: *See*—

- Tabacco, Alessandro; and Meiattini, Franco, 4,507,388, Cl. 435-12.000.

Meibuhr, George C. Bearing locknut. 4,505,628, 3-19-85, Cl. 411-123.000.

Meichel, Otto: *See*—

- Godecke, Paul; and Meichel, Otto, 4,538,945, Cl. 409-157.000.

Meichsner, Michael: *See*—

- Noel, Alois; Zeitvogel, Josef; Wunderlich, Erhard; and Meichsner, Michael, 4,547,135, Cl. 417-360.000.

Meickl, Gerhard, to Streif AG. Beam connector. 4,558,968, 12-17-85, Cl. 403-174.000.

Meidai Bussan Kabushiki Kaisha: *See*—

- Kobayashi, Nobuo, 4,556,248, Cl. 296-183.000.

Meidensha Electric Mfg. Co., Ltd.: *See*—

- Fujii, Toshinobu; and Kokado, Akira, 4,550,065, Cl. 429-105.000.
- Hashimoto, Takafumi, 4,520,080, Cl. 429-18.000.
- Kawai, Seiji; and Matsumoto, Dairiku, 4,511,305, Cl. 414-755.000.

Meienhofer, Johannes A.: *See*—

- Felix, Arthur M.; Gillessen, Dieter; Studer, Rolf; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,504,415, Cl. 260-112.50R.
- Felix, Arthur M.; Gillessen, Dieter; Lergier, William; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,517,119, Cl. 260-112.50R.

Meier, Bruno, to Sulzer Brothers Limited. Transmission having a constant torque ratio output at a variable speed ratio output. 4,519,272, 5-28-85, Cl. 74-752.00R.

Meier, Daniel A.: *See*—

- Romberger, John A.; and Meier, Daniel A., 4,502,978, Cl. 252-389.00A.

Meier, David P.: *See*—

- Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,516,199, Cl. 364-200.000.
- Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,527,237, Cl. 364-200.000.

Meier, Dietrich; and Minder, Hans-Ulrich, to Kern & Co. AG. Method and apparatus for electrooptical distance measurement. 4,553,836, 11-19-85, Cl. 356-5.000.

Meier, Douglas R.: *See*—

- Consay, Joseph A.; and Meier, Douglas R., 4,534,134, Cl. 51-96.000.

Meier, Egon: *See*—

- Renner, Gunter; Wolff, Erich; Sommer, Friedheim; Stark, Herbert; Stieler, Dieter; and Meier, Egon, 4,529,691, Cl. 430-556.000.

Meier, Eugen, to Mettler Instrumente AG. Weighing apparatus including improved force-transmitting lever means. 4,497,386, 2-5-85, Cl. 177-229.000.

Meier, Gerd E. A.; and Thompson, Philip A., to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Method for converting a retrograde substance to the gaseous state. 4,522,183, 6-11-85, Cl. 123-558.000.

Meier, Gudrun, to Soudbrase-Schweisstechnik GmbH. Method for repairing housings of pumps and the like. 4,547,941, 10-22-85, Cl. 29-156.40R.

Meier, Gunter; Meier, Willi; and Hartwig, Jurgen, to Dorina Nahmaschinen GmbH. Sewing machine having an electronic control. 4,499,836, 2-19-85, Cl. 112-158.00E.

Meier, Gunter, to Dorina Nahmaschinen GmbH. Sewn pattern arrangement to be produced by a zig zag sewing machine. 4,561,369, 12-31-85, Cl. 112-266.100.

Meier, Gunter: *See*—

- Herbert, Adolf; Anders, Dietmar; and Meier, Gunter, 4,548,568, Cl. 425-131.100.

Meier, Hans, to Automated Medical Products Corporation. Jointed stand. 4,491,435, 1-1-85, Cl. 403-55.000.

Meier, Hans; and Staheli, Werner, to Sulzer Brothers Limited. Lubricant monitoring system. 4,505,186, 3-19-85, Cl. 92-5.00R.

Meier, Hans-Jurgen, to Carl-Zeiss-Stiftung. Testing apparatus including a vacuum-tight radiation window. 4,550,979, 11-5-85, Cl. 350-321.000.

Meier, Henry G.: *See*—

- Gray, Keith I.; and Meier, Henry G., 4,506,110, Cl. 174-144.000.

Meier, Horst: *See*—

- Bode, Gunter; Meier, Horst; and Engler, Manfred, 4,559,763, Cl. 53-527.000.

Meier, Jacques, to Ferag AG. Method of, and apparatus for, removing flat products, especially printed products, from a winding core. 4,525,982, 7-2-85, Cl. 53-430.000.

Meier, Jacques, to Ferag AG. Method and apparatus for storing continuously arriving flat structures, especially printed products arriving in an imbricated product formation. 4,528,798, 7-16-85, Cl. 53-430.000.

Meier, Jacques, to Ferag AG. Winding body for winding-up continuously arriving flat structures, especially printed products in an imbricated product formation. 4,532,750, 8-6-85, Cl. 53-118.000.

Meier, Jacques, to Ferag AG. Apparatus for transporting flat products, especially printed products arriving in an imbricated formation. 4,550,822, 11-5-85, Cl. 198-461.000.

Meier, Jean; and Clemence, Francois, to Roussel Uclaf. 4,5-bis(aryl)-4H-1,2,4-triazole derivatives and analgesic use. 4,512,997, 4-23-85, Cl. 514-383.000.

Meier, Joseph F.: *See*—

- Cannady, Daniel L., Jr.; Berg, Gilbert G.; Leschek, Walter C.; and Meier, Joseph F., 4,552,781, Cl. 427-57.000.

Meier, Karl-Heinz: *See*—

- Angersbach, Wolfgang; and Meier, Karl-Heinz, 4,507,596, Cl. 318-640.000.

Meier, Kurt; Buhler, Niklaus; and Reber, Jean-Francois, to Ciba-Geigy Corporation. Process for the deposition of metals on semiconductor powders. 4,559,237, 12-17-85, Cl. 427-53.100.

Meier, Linus, to Mettler Instrumente AG. Weighing apparatus for producing geographically-corrected measurements. 4,512,429, 4-23-85, Cl. 177-25.000.

Meier, Markus: *See*—

- Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.

Meier, Paul: *See*—

- Weil, Wolfgang; Lanz, Andres; Vogt, Max; Meier, Paul; Kaul, Martin; and Fankhauser, Hanspeter, 4,493,962, Cl. 219-64.000.

Meier, Paul J., to Eaton Corporation. Compact step tuned filter. 4,560,964, 12-24-85, Cl. 333-202.000.

Meier, Peter, to Micronel AG. Fan with electronically commutated direct-current motor. 4,504,751, 3-12-85, Cl. 310-62.000.

Meier, Pierre-Andre: *See*—

- Cornu, Roger; and Meier, Pierre-Andre, 4,560,926, Cl. 324-158.00P.

Meier, Rene, to Mentec AG. Overcharge prevention arrangement. 4,561,940, 12-31-85, Cl. 202-181.000.

Meier, Richard: *See*—

- Chmela, Franz; Herzog, Walter; and Meier, Richard, 4,492,194, Cl. 123-276.000.

Meier, Siegfried, to SIG Schweizerische Industrie-Gesellschaft. Apparatus for aligning and boxing flat angular items. 4,519,170, 5-28-85, Cl. 53-236.000.

Meier, Urs: *See*—

- Hanseler, Urs; Meier, Urs; and Muther, Franz, 4,525,771, Cl. 361-413.000.
- Hanseler, Urs; Meier, Urs; and Muther, Franz, 4,534,472, Cl. 211-41.000.

Meier, Walter; and Jacobsen, Jan, to Walter Meier. Device for projecting steroscopic, anamorphotically compressed pairs of images on to a spherically curved wide-screen surface. 4,555,168, 11-26-85, Cl. 353-7.000.

Meier, Walter: *See—*
  Jacobsen, Jan, 4,509,332, Cl. 350-420.000.

Meier, Werner: *See—*
  Fassel, Reinhard; Meier, Werner; Rauch, Hans; Wesemeyer, Jurgen; and Raddant, Hans-Joachim, 4,514,670, Cl. 318-467.000.

Meier, Willi, to Dorina Nahmaschinen GmbH. Feed control for a sewing machine. 4,501,213, 2-26-85, Cl. 112-316.000.

Meier, Willi, to Dorina Nahmaschinen GmbH. Sewing machine with cam type stitch pattern control. 4,548,144, 10-22-85, Cl. 112-465.000.

Meier, Willi: *See—*
  Meier, Gunter; Meier, Willi; and Hartwig, Jurgen, 4,499,836, Cl. 112-158.00E.

Meier, Wolfgang: *See—*
  Holz, Joachim; Meier, Wolfgang; Schwarting, Karl-Heinz; Goris, Heinrich; and Ogorek, Kurt, 4,555,142, Cl. 299-43.000.

Meier zu Koecker, Heinz; Walter, Robert; and Schmidt, Torsten, to Kali-Chemie Aktiengesellschaft. Waste gas treatment processes. 4,528,170, 7-9-85, Cl. 423-245.000.

Meierhoefer, Eugene J., to Health Care Concepts, Inc. Single use vial. 4,502,616, 3-5-85, Cl. 222-215.000.

Meierhoefer, Eugene J., to Health Care Concepts, Inc. Container with integrally formed non-coring and non-leaking piercing site. 4,513,871, 4-30-85, Cl. 215-32.000.

Meierhoefer, Eugene J., to Health Care Concepts, Inc. Sterile solution delivery and venting devices. 4,533,068, 8-6-85, Cl. 222-189.000.

Meiers, Gerald F., to Deere & Company. Twine tensioner for large round bale twine-wrapping mechanism. 4,502,646, 3-5-85, Cl. 242-149.000.

Meiers, Gerald F., to Deere & Company. Bale-shape gauge for baler for forming cylindrical bales. 4,517,795, 5-21-85, Cl. 56-341.000.

Meighen, Terrence: *See—*
  Brennan, Robert J.; and Meighen, Terrence, 4,506,944, Cl. 339-143.00R.
  Brennan, Robert J.; and Meighen, Terrence, 4,516,825, Cl. 339-143.00R.
  Brennan, Robert J.; Meighen, Terrence; and Phillipson, Walter M., 4,537,459, Cl. 339-143.00R.

Meignant, Didier S., to U.S. Philips Corporation. Method of providing a small-sized opening, use of this method for the manufacture of field effect transistors having an aligned gate in the submicron range and transistors thus obtained. 4,517,730, 5-21-85, Cl. 29-571.000.

Meigs, William; Guffey, David M.; and Brumfield, Donald E., to Disco Aluminum Products Co., Inc. Thermal break frame with load transfer member. 4,514,948, 5-7-85, Cl. 52-397.000.

Meijer, Auke: *See—*
  van den Elzen, Lambertus W. A.; van der Wouden, Adriaan; and Meijer, Auke, 4,533,279, Cl. 405-239.000.

Meijer, Roelf J.; and Ziph, Benjamin, to Stirling Thermal Motors, Inc. Heat pipe. 4,523,636, 6-18-85, Cl. 165-104.260.

Meijer, Roelf J.; Ziph, Benjamine; and Godett, Ted M., to Stirling Thermal Motors, Inc. Two-part drive shaft for thermal engine. 4,532,855, 8-6-85, Cl. 92-71.000.

Meijer, Sjoerd: *See—*
  Kooi, Hessel; and Meijer, Sjoerd, 4,498,837, Cl. 414-664.000.

Meijer, Wilhelmus, to Xerox Corporation. Low-wire sensor. 4,516,713, 5-14-85, Cl. 227-2.000.

Meiji Seika Kaisha Ltd.: *See—*
  Atsumi, Kunio; Katano, Kiyoaki; Kai, Fumio; Nishihata, Ken; and Akita, Eiichi, 4,560,750, Cl. 544-21.000.
  Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, 4,536,398, Cl. 514-43.000.
  Kishi, Yoshito, 4,536,336, Cl. 260-351.100.
  Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, 4,548,816, Cl. 424-116.000.
  Koyama, Masao; Tsuruoka, Takashi; Ezaki, Norio; Miyauchi, Keinosuke; and Inouye, Shigeharu, 4,495,358, Cl. 548-550.000.
  Kuwahara, Rikiya; Habuto, Akinaka; and Oiso, Hisayoshi, 4,496,592, Cl. 426-5.000.
  Minowa, Nobuto; Fukatsu, Shunzo; Tachibana, Kunitaka; Niida, Taro; and Mase, Sadaaki, 4,499,027, Cl. 260-502.50G.
  Minowa, Nobuto; Fukatsu, Shunzo; Niida, Taro; and Mase, Sadaaki, 4,510,102, Cl. 260-941.000.
  Mochizuki, Keizo; Kuwada, Yukio; and Mizoguchi, Yoshihiko, 4,499,113, Cl. 426-291.000.
  Nishihata, Ken; Iinuma, Katsuharu; Yamada, Hitoshi; Hirano, Fumiya; and Tsuruoka, Takashi, 4,555,404, Cl. 514-201.000.
  Oiso, Hisayoshi; Joyama, Norio; Fujimoto, Kazuhiro; and Okamoto, Kozo, 4,526,525, Cl. 425-9.000.
  Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,556,513, Cl. 260-239.00A.
  Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,583, Cl. 71-86.000.
  Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,584, Cl. 71-86.000.

Meike, Klaus, to Schaefer Werke GmbH. Heat exchanger having a metal baffle plate secured to a steel member. 4,558,735, 12-17-85, Cl. 165-131.000.

Meiko Industrial Co., Ltd.: *See—*
  Neuhoff, Uredat, 4,537,445, Cl. 297-300.000.

Meile, Hanspeter; and Pietrini, Viktor, to Rieter Machine Works, Ltd. Apparatus for the continuous compression or determination of the mass of a fiber sliver. 4,539,729, 9-10-85, Cl. 19-288.000.

Meiler, Hans E. Foulard machine. 4,493,197, 1-15-85, Cl. 68-202.000.

Meiller, Hermann; and Storch, Helmut, to Grammer, Willibald. Seat cushion with a textile cover. 4,544,598, 10-1-85, Cl. 428-246.000.

Meiller, Hermann, to Messrs. Willibald Grammer. Travel seat. 4,558,902, 12-17-85, Cl. 297-284.000.

Mein, Gordon F.; Terry, John B.; and Hicks, Gregory F., to Northern Telecom Limited. Echo cancellation circuit using stored, derived error map. 4,528,676, 7-9-85, Cl. 375-14.000.

Meinan Machinery Works, Inc.: *See—*
  Hasegawa, Katsuji; and Ibuki, Yasuhiro, 4,499,935, Cl. 144-209.00R.
  Hasegawa, Katsuji; and Ibuki, Yasuhiro, 4,549,587, Cl. 144-209.00R.
  Iwamoto, Masakuni, 4,507,162, Cl. 156-157.000.
  Takagi, Yukio, 4,510,009, Cl. 156-353.000.

Meinander, Paul O., to Osakeyhtio, A. Ahlstrom. Extended nip press with movable sealing strips. 4,492,611, 1-8-85, Cl. 162-358.000.

Meinard, Colette: *See—*
  Herve, Jean-Jacques; Suglia, Jean-Claude; and Meinard, Colette, 4,492,687, Cl. 424-174.000.

Meinardus, Elmond F., to Riviana Foods Inc. Method of removing bran from cereal grains. 4,522,837, 6-11-85, Cl. 426-482.000.

Meinberg, Nancy A.: *See—*
  Benjamin, Lawrence; Rodriguez, Sheila S.; and Meinberg, Nancy A., 4,517,919, Cl. 119-1.000.

Meinecke, Albrecht, to J. M. Voith GmbH. Apparatus for cleaning paper making machine screen belts. 4,556,453, 12-3-85, Cl. 162-274.000.

Meinecke, Albrecht: *See—*
  Fissmann, Hans-Joachim; Meinecke, Albrecht; and Kemmer, Manfred, 4,502,231, Cl. 34-114.000.
  Steiner, Karl; Schiel, Christian; Meinecke, Albrecht; Mullner, Josef; and Weiss, Hans, 4,555,305, Cl. 162-205.000.

Meiners, Detlef: *See—*
  Steinhaus, Harald; and Meiners, Detlef, 4,538,359, Cl. 34-21.000.

Meiners, Elmo R., to M & W Gear Company. Wet sleeve mounting system for sleeve cylinders of internal combustion engines. 4,505,234, 3-19-85, Cl. 123-41.840.

Meiners, Elmo R., to M & W Gear Company. System for injection of liquid or granular material into a round hay bale. 4,550,556, 11-5-85, Cl. 56-341.000.

Meiners, Hans J.: *See—*
  Fauss, Rudolf; Meiners, Hans J.; Rasshofer, Werner; and Meyborg, Holger, 4,515,923, Cl. 525-127.000.

Meiners, Hans-Joachim: *See—*
  Schafer, Walter; Meiners, Hans-Joachim; Seel, Klaus; Reichmann, Wolfgang; Wagner, Kuno; and Findeisen, Kurt, 4,499,038, Cl. 264-51.000.

Meinershagen, Charles L.; and Weale, Susan G. Back brace for director's chair. 4,526,423, 7-2-85, Cl. 297-440.000.

Meinershagen, Charles L. Vehicle direction signal and slow warning system employing moving pattern of simultaneously ON lamps. 4,556,862, 12-3-85, Cl. 340-67.000.

Meinert, Leo L.: *See—*
  Rymarchyk, Nicholas M., Jr.; and Meinert, Leo L., 4,494,737, Cl. 266-281.000.

Meinerth, Kim A.: *See—*
  Lackey, Stanley A.; Meinerth, Kim A.; and Stoner, David A., 4,509,116, Cl. 364-200.000.

Meinhardt, Heinrich; Berger, Alfons; and Zimmerman, Harald, to Triumph-Adler A.G. fur Buro- und Informationstechnik. Method for destroying used carbon ribbon. 4,504,015, 3-12-85, Cl. 241-3.000.

Meinhold, James F.: *See—*
  Jones, Gary V.; Meinhold, James F.; and Musto, Joseph A., 4,505,940, Cl. 426-424.000.

Meinicke, Peter: *See—*
  Goritz, Bernd; Huber, Johann; and Meinicke, Peter, 4,561,700, Cl. 303-36.000.

Meinig, Manfred, to Karl Meinig KG. Flanged ring for tubes. 4,516,797, 5-14-85, Cl. 285-405.000.

Meinig, Manfred, to Karl Meinig KG. Corner angle assembly. 4,552,388, 11-12-85, Cl. 285-363.000.

Meinig, Manfred. Apparatus for flanging ventilation duct walls. 4,558,582, 12-17-85, Cl. 72-381.000.

Meining, Hans; and Hans, Rudiger, to SKF Kugellagerfabriken GmbH. Cage for roller bearings. 4,547,084, 10-15-85, Cl. 384-576.000.

Meininger, Fritz; Otten, Joachim W., deceased; by Otten, Ursula, heir; and by Rudolph nee Otten, Anna G., heir, to Hoechst Aktiengesellschaft. Process for dyeing and printing fiber materials containing hydroxy and/or carbonamide groups with reactive dye containing both vinyl sulphonyl and fluoro-triazinyl groups. 4,515,598, 5-7-85, Cl. 8-549.000.

Meininger, Fritz: *See—*
  Hoyer, Ernst; Kohlhaas, Folker; and Meininger, Fritz, 4,492,654, Cl. 534-827.000.

Meinken, George E.: *See—*
  Srivastava, Suresh C.; Meinken, George E.; and Richards, Powell, 4,533,541, Cl. 424-1.100.

Meinking, William E.: *See—*
  Kaniuk, John A.; Meinking, William E.; and Morris, Jeffrey R., 4,508,835, Cl. 501-94.000.

Meinlschmidt, Helmut, to SKF Kugellagerfabriken GmbH. Snap ring. 4,558,962, 12-17-85, Cl. 384-570.000.

- Meintrup, David R.; and Dumpis, Janis, to NEC Corporation. Invertible multiple-pass ribbon cartridge having two capstans. 4,496,255, 1-29-85, Cl. 400-208.000.
- Meintrup, Robert A.: *See—*
  - Harvey, Richard D.; Hubbard, E. Daniel; and Meintrup, Robert A., 4,554,021, Cl. 106-213.000.
- Meinzer, Karl. Method and device for displaying graphic information, in particular for braille reading. 4,551,102, 11-5-85, Cl. 434-114.000.
- Meinzer, Richard A.; and Dobbs, Gregory M., to United Technologies Corporation. Multi-species, CW combustion driven laser employing hydrogen bromide. 4,517,676, 5-14-85, Cl. 372-89.000.
- Meir, Gad E.: *See—*
  - Kadison, Eric M.; Batra, Subhash C.; and Meir, Gad E., 4,494,156, Cl. 360-48.000.
- Meiring, Willem J., to Tobacco Research & Development Institute Limited. Weighbelt apparatus. 4,509,609, 4-9-85, Cl. 177-1.000.
- Meisan Ltd., Co.: *See—*
  - Ichikawa, Shigeru, 4,543,867, Cl. 83-502.000.
- Meisberger, Artur: *See—*
  - Neumann, Hans-Jurgen; and Meisberger, Artur, 4,557,719, Cl. 494-37.000.
  - Weber, Wolfram; Neumann, Hans-Jurgen; Meisberger, Artur; and Mathieu, Bernd, 4,545,744, Cl. 417-475.000.
- Meise, William H.; and Dischert, Robert A., to RCA Corporation. Compatible wide-screen color television system. 4,551,754, 11-5-85, Cl. 358-180.000.
- Meise, William H.: *See—*
  - Dischert, Robert A.; and Meise, William H., 4,538,236, Cl. 364-574.000.
  - Dischert, Robert A.; and Meise, William H., 4,556,906, Cl. 358-180.000.
- Meisel, Thomas C., Jr., to Caterpillar Tractor Co. Endless track coupling apparatus. 4,530,546, 7-23-85, Cl. 305-39.000.
- Meisel, Werner: *See—*
  - Schwarzer, Hans; and Meisel, Werner, 4,548,708, Cl. 208-196.000.
- Meisenburg, Ewald: *See—*
  - Dolkemeyer, Wilfried; Keim, Karl-Heinz; and Meisenburg, Ewald, 4,494,960, Cl. 44-51.000.
- Meisenheimer, William L., to Water Jet Corporation. Apparatus for integrating a plurality of audio systems. 4,560,838, 12-24-85, Cl. 179-81.00R.
- Meisenheimer, William L.: *See—*
  - Van Peski, Christian K.; and Meisenheimer, William L., 4,521,114, Cl. 356-401.000.
- Meiske, Larry A.: *See—*
  - Esneault, Calvin P.; Fuentes, Ricardo, Jr.; and Meiske, Larry A., 4,530,915, Cl. 502-115.000.
- Meislitzer, Karl H., and Hauner, Wigbert, to Dentsply Research & Development Corp. Sagger furnace. 4,498,866, 2-12-85, Cl. 432-239.000.
- Meisner, Alfred, to Diehl GmbH & Co. Operating arrangement for an electro-mechanical chronometer. 4,494,879, 1-22-85, Cl. 368-76.000.
- Meisner, Alfred; and Lunz, Alfred-Gunther, to Diehl GmbH & Co. Indexing plate for a time switch. 4,544,813, 10-1-85, Cl. 200-38.00R.
- Meisner, Alfred; Arnold, Werner; Eggebrecht, Frank; and Grasser, Hans, to Diehl GmbH & Co. Power line-operated electronic time-clock. 4,557,606, 12-10-85, Cl. 368-204.000.
- Meisner, Donald D. Universal can crusher. 4,517,892, 5-21-85, Cl. 100-292.000.
- Meisner, John W.; Moore, Robert M.; and Bienvenue, Louis L., to United States of America, Energy. Linear induction pump. 4,505,644, 3-19-85, Cl. 417-50.000.
- Meissner, David C.: *See—*
  - Summers, Frank V.; Meissner, David C.; and Brown, Ronald, 4,553,742, Cl. 266-156.000.
- Meissner, Konrad E., to Atlas Pacific Engineering Company. High speed vacuum syruper. 4,532,971, 8-6-85, Cl. 141-142.000.
- Meissner, Konrad E.; and Colombo, John W., to Atlas Pacific Engineering Company. Can detection and switch mechanism for can filling apparatus. 4,544,005, 10-1-85, Cl. 141-94.000.
- Meissner Manufacturing Company, Inc.: *See—*
  - Meissner, Paul J., 4,507,200, Cl. 210-315.000.
- Meissner, Paul J., to Meissner Manufacturing Company, Inc. Fluid filter cartridge and method of its construction. 4,507,200, 3-26-85, Cl. 210-315.000.
- Meissner, Ruprecht; and Neth, Norbert, to BASF Aktiengesellschaft. Preparation of a catalyst for the oxidation of sulfur dioxide to sulfur trioxide. 4,539,309, 9-3-85, Cl. 502-247.000.
- Meister-Beck, Margrith, heir: *See—*
  - Meister, Erwin, deceased, 4,531,540, Cl. 137-492.500.
- Meister, Erwin, deceased (by Meister-Beck, Margrith, heir), to Von Roll Hydraulik AG. Servocontrolled pressure limiting valve. 4,531,540, 7-30-85, Cl. 137-492.500.
- Meister, Herbert: *See—*
  - Mahnig, Fritz; and Meister, Herbert, 4,556,234, Cl. 280-688.000.
- Meister, Jack B. Temperature responsive control circuit for electric window de-fogger/deicer heater. 4,506,137, 3-19-85, Cl. 219-203.000.
- Meister, Leo: *See—*
  - Datwyler, Walter; and Meister, Leo, 4,506,200, Cl. 318-493.000.
- Meister, Leonhard, to Montres Universal S.A. Watch case. 4,522,508, 6-11-85, Cl. 368-276.000.
- Meister, Richard P., to Bunting Magnetics Company. Gang conveyor drive mount and method for transporting. 4,511,028, 4-16-85, Cl. 198-497.000.
- Meister, Siegfried. Apparatus for the heating of foodstuffs by means of a steam-air mixture. 4,506,598, 3-26-85, Cl. 99-330.000.
- Meister, Winfried, to Meister, Winfried. Method and apparatus for the production of jointing bands with embedded reinforcing profiles which run at right angles to the longitudinal axis of the band. 4,497,762, 2-5-85, Cl. 264-172.000.
- Meistring, Rolf; Siegling, Hans-Friedrich; and Pfahl, Siegfried, to Heermann GmbH. Light conducting cable including a heat removable layer for preventing tension and a method of making same. 4,516,831, 5-14-85, Cl. 350-96.230.
- Meitl, Harold G.: *See—*
  - Allen, John J.; and Meitl, Harold G., 4,530,537, Cl. 296-1.00C.
  - McKee, Kenneth E.; Meitl, Harold G.; Thanh, Vo V.; and Bixler, Craig A., 4,527,444, Cl. 74-493.000.
- Meitner, Edmund M.; and Burman, Howard, to Amber Electro Design, Inc. Magnetic pickup preamplifier. 4,547,819, 10-15-85, Cl. 360-65.000.
- Meitner, Gary H., to Kimberly-Clark Corporation. High bulk bonding pattern and method. 4,493,868, 1-15-85, Cl. 428-171.000.
- Meito Sangyo Kabushiki Kaisha: *See—*
  - Higashi, Toshihiko; Kobayashi, Yoshinori; and Iwasaki, Shinjiro, 4,530,906, Cl. 435-223.000.
- Meitzen, Nandor: *See—*
  - Asszonyi, Csaba; Klausz, Istvan; Kmety, Istvan; Meitzen, Nandor; and Pasztor, Rezso, 4,505,622, Cl. 405-288.000.
- Meitzner, Erich F.; and Oline, James A., to Rohm and Haas Company. Anion exchange resin having a macroreticular structure. 4,501,826, 2-26-85, Cl. 521-29.000.
- Mejia, Santiago. Battery cell. 4,522,900, 6-11-85, Cl. 429-181.000.
- Mejia, Santiago. Battery cap indicator with levered float. 4,539,270, 9-3-85, Cl. 429-91.000.
- Mekjian, Aram, to United States Steel Corporation. Polyester formulations having flexibility properties. 4,535,146, 8-13-85, Cl. 528-295.300.
- Melai, Henri A. I., to U.S. Philips Corporation. Variable frequency start circuit for discharge lamp with preheatable electrodes. 4,538,093, 8-27-85, Cl. 315-219.000.
- Melai, Henri A. I.: *See—*
  - De Bijl, Adrianus M. J.; and Melai, Henri A. I., 4,525,648, Cl. 315-224.000.
- Melaika, Edward A.: *See—*
  - Anstine, Larry D.; James, Dean B.; Melaika, Edward A.; and Peterson, John P., Jr., 4,512,921, Cl. 252-626.000.
- Melamed, Anna: *See—*
  - Harvest, Nils-Ole; and Melamed, Anna, 4,535,280, Cl. 318-798.000.
- Melamed, Avraham; and Harel, Zahal. Heating system operating on stored energy. 4,519,218, 5-28-85, Cl. 62-271.000.
- Melamed, Avraham: *See—*
  - Tuval, Miron; Azmon, Emanuel; and Melamed, Avraham, 4,491,367, Cl. 299-4.000.
- Melamed, Nathan T., to Westinghouse Electric Corp. Conductive polymers. 4,543,296, 9-24-85, Cl. 428-522.000.
- Melamed, Stephen B.: *See—*
  - Geneve, Francois M.; Heiligenstein, Luc M. D.; and Melamed, Stephen B., 4,556,253, Cl. 297-440.000.
- Melamine Chemicals, Inc.: *See—*
  - Allan, G. Graham, 4,526,651, Cl. 162-65.000.
  - Allan, G. Graham; Freepons, Donald E.; and Crews, George M., 4,560,400, Cl. 71-29.000.
  - Freepons, Donald E., 4,554,003, Cl. 71-28.000.
  - Freepons, Donald E., 4,559,075, Cl. 71-28.000.
- Melancon, Kurt C., to Minnesota Mining and Manufacturing Company. Latently-curable organosilicone release coating composition. 4,504,645, 3-12-85, Cl. 528-15.000.
- Melancon, Kurt C., to Minnesota Mining and Manufacturing Company. Latently-curable organosilicone release coating composition. 4,533,575, 8-6-85, Cl. 427-387.000.
- Melancon, Ronald D. Fish food or bait and method and apparatus for manufacturing same. 4,513,657, 4-30-85, Cl. 99-472.000.
- Meland, Ronald F.: *See—*
  - Miller, Jonathan; Wacek, Rudolph W.; Berfield, Robert C.; Meland, Ronald F.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,538,971, Cl. 417-423.00A.
- Melanson, Joseph: *See—*
  - Nakata, Nori; and Melanson, Joseph, 4,555,893, Cl. 53-390.000.
- Melas, Andreas A.; and O'Grady, John W., Jr., to Thiokol Corporation. Bubbler cylinder and dip tube device. 4,506,815, 3-26-85, Cl. 222-630.000.
- Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., to General Tire & Rubber Company, The. Flexible thermoplastic vinyl chloride polymers and acrylate terpolymers. 4,511,699, 4-16-85, Cl. 525-205.000.
- Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., to General Tire & Rubber Company, The. Flexible thermoplastic vinyl chloride polymers. 4,511,700, 4-16-85, Cl. 525-283.000.
- Melby, Earl G.; Fabris, Hubert J.; Livigni, Russell A.; and Cocain, Harry W., to General Tire & Rubber Company, The. Acrylate terpolymers and flexible thermoplastic vinyl chloride polymers. 4,547,550, 10-15-85, Cl. 525-205.000.
- Melcher, Alton R. Fishing rod holder with bite signaling means. 4,510,709, 4-16-85, Cl. 43-17.000.
- Melcher, Domenic. Switched mode power supply with a plurality of regulated secondary outlets. 4,517,633, 5-14-85, Cl. 363-21.000.
- Melcher, Franz-Josef: *See—*
  - Knothe, Erich; Melcher, Franz-Josef; Stadler, Eberhard; and Exner, Rainer, 4,494,620, Cl. 177-25.000.

- Melcher, Gerhard; and Wuth, Wolfgang, to Klockner-Humboldt-Deutz AG. Method for implementing pyro-metallurgical processes. 4,493,732, 1-15-85, Cl. 75-24.000.
- Melcher, Robert L.; and Wen, Sheree H., to International Business Machines Corporation. Laser drilling system utilizing photoacoustic feedback. 4,504,727, 3-12-85, Cl. 219-121.0LB.
- Melchert, Walter K., to General Motors Corporation. Molding apparatus for simultaneously forming a cavity and encapsulating a frame in a foamed body. 4,544,126, 10-1-85, Cl. 249-83.000.
- Melchior, Bernd, to August Hohnholz KG; Imchemie Kunststoff GmbH; and Melchior, Bernd. Process of making articles of foamed polymethyl methacrylate. 4,530,806, 7-23-85, Cl. 264-22.000.
- Melchior, Bernd, to IMC Acrylguss GmbH. Method of making glass panels with selective radiation-blocking effect. 4,544,575, 10-1-85, Cl. 427-74.000.
- Melchior, Bernd, to BM Chemie Kunststoff GmbH. Aggregate for concrete or mortar. 4,560,411, 12-24-85, Cl. 106-90.000.
- Melchior, Bernd: *See—*
  - Claussen, Uwe; Merten, Josef; Rohr, Harry; and Melchior, Bernd, 4,492,778, Cl. 523-137.000.
- Melchior, Donald L.: *See—*
  - Ryan, Patrick J.; Davis, Michael A.; and Melchior, Donald L., 4,544,545, Cl. 424-1.100.
- Melchior, Eckhard, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method and apparatus for manufacturing synthesis gas. 4,552,741, 11-12-85, Cl. 423-359.000.
- Melchior, Friedrich: *See—*
  - Koerner, Hans-Gerhard; Lang, Helmut; Berthold, Rainer; Strietzel, Rainer; and Melchior, Friedrich, 4,495,851, Cl. 89-6.500.
- Melchior, Wayne R., to Eagle-Picher Industries, Inc. Heat curable solventless liquid prepolymer. 4,529,558, 7-16-85, Cl. 260-465.400.
- Melchior, Wayne R.: *See—*
  - Markle, Richard A.; and Melchior, Wayne R., 4,562,008, Cl. 260-465.400.
- Melco Industries, Inc.: *See—*
  - Turner, Vernon S.; and Melton, Randall, 4,557,207, Cl. 112-266.100.
- Melde, Chris R. Dental mirror apparatus. 4,512,635, 4-23-85, Cl. 350-640.000.
- Meldon, Jerry H. Apparatus for and method of isoelectric focussing. 4,533,447, 8-6-85, Cl. 204-181.400.
- Meldrum, Ian G.: *See—*
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Mendoza, Joe, to Purex Pool Products, Inc. Underwater light assembly with annularly flared re-entrant wall and sealing means. 4,556,933, 12-3-85, Cl. 362-267.000.

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Menezes, Edgar V.; Southern, John H.; Ballman, Richard L.; and Chamberlin, J. M., to Celanese Corporation. Process for producing self-crimping polyester yarn. 4,522,773, 6-11-85, Cl. 264-167.000.

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Mengel, Loretta S.: *See—*

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Menges, John R.; and Huebscher, Laszlo, to Ethicon, Inc. Folding cartridge for a multiple clip applier. 4,491,133, 1-1-85, Cl. 128-326.000.

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Menke, W. Kenneth; and Jincks, Danny C., to Public Safety Equipment, Inc. Light bar for emergency vehicles. 4,543,622, 9-24-85, Cl. 362-219.000.

- Menlove, Howard O.: *See—*
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- Mennel, Gabriel B.: *See—*
  - Faessel, Andre; Mennel, Gabriel B.; and Michaux, Jacques M., 4,518,660, Cl. 428-577.000.
- Mennell, Thomas W., to Y.S. Securities Limited. Draw out switchgear and operating mechanism. 4,555,602, 11-26-85, Cl. 200-50.0AA.
- Mennemann, Karl; Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, to Schott Glaswerke. Optical and ophthalmic glass with refractive indices greater than or equal to 1.56, Abbe numbers greater than or equal to 40 and densities less than or equal to 2.70 g/cm^3. 4,562,161, 12-31-85, Cl. 501-59.000.
- Mennemann, Karl: *See—*
  - Grabowski geb. Marszalek, Danuta; Ross, Ludwig; Geiler, Volkmar; and Mennemann, Karl, 4,526,874, Cl. 501-77.000.
  - Speit, Burkhard; Mennemann, Karl; and Gliemeroth, Georg, 4,520,115, Cl. 501-60.000.
- Mennen, Frederick C.; and Freake, Ronald. Self-contained swab cartridge apparatus for detecting occult blood. 4,562,043, 12-31-85, Cl. 422-56.000.
- Mennicke, Stefan; and Reiss, Karl, to Brown, Boveri & Cie AG. Method for the manufacture of an electrochemical storage cell as well as a storage cell produced by this method. 4,555,846, 12-3-85, Cl. 29-623.500.
- Mennicke, Stefan: *See—*
  - Haberfellner, Fritz; Mennicke, Stefan; and Prappacher, Gerd, 4,492,742, Cl. 429-104.000.
- Mennicke, Winfried, to Bayer Aktiengesellschaft. Asymmetrical 1:2 chromium complexes derived from azo and azomethine dyes. 4,497,734, 2-5-85, Cl. 534-695.000.
- Mennicken, Gerhard: *See—*
  - Scholl, Hans-Joachim; Pedain, Josef; Riberi, Bernd; and Mennicken, Gerhard, 4,552,946, Cl. 528-67.000.
- Meno, Frank, to University of Pittsburgh. Method of measurement of Eustachian tube opening and associated apparatus. 4,546,779, 10-15-85, Cl. 128-746.000.
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- Menon, Narendranath, to General Electrodynamics Corp. Weight measuring apparatus with corrugated spring elements. 4,498,550, 2-12-85, Cl. 177-209.000.
- Menon, Sathischandran: *See—*
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- Menown, Hugh; Newton, Barry P.; and Neale, Christopher V., to English Electric Valve Company Limited. Laser arrangements. 4,498,181, 2-5-85, Cl. 372-38.000.
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- Mens, Jacques M. N.; Barnoin, Pierre; and Martin, Michel J. L., to Societe Nationale Industrielle et Aerospatiale. Skid landing gear provided with components having a device for absorbing energy by plastic deformation and/or for limiting stress, and components of this type. 4,558,837, 12-17-85, Cl. 244-108.000.
- Mens, Jacques M. N.: *See—*
  - Barnoin, Pierre; Mens, Jacques M. N.; and Merle, Gilbert, 4,537,374, Cl. 244-102.00R.
- Mensa, Dean L.; and Moss, Dale C., to United States of America, Navy. Buoyant radar reflector. 4,531,128, 7-23-85, Cl. 343-18.00C.
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  - Kar, Gitimoy; and Mensah, Thomas O., 4,531,959, Cl. 65-3.110.
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- Mensi, Carlo: *See—*
  - Biorcio, Luciano; and Mensi, Carlo, 4,526,912, Cl. 523-456.000.
- Mensik, John A. Cigarette holder and filter cartridge. 4,517,989, 5-21-85, Cl. 131-187.000.
- Mensing, Harold F. Rotary lawn mower blade. 4,532,708, 8-6-85, Cl. 30-347.000.
- Mensink, Kornelis A.; and Brouwer, Hendrik L., to Vitafin N.V. CMOS circuits with parameter adapted voltage regulator. 4,532,467, 7-30-85, Cl. 323-316.000.
- Mensink, Kornelis A.: *See—*
  - Boute, Willem; Wittkampf, Frederik H. M.; van Arragon, Gerrit W.; and Mensink, Kornelis A., 4,503,857, Cl. 128-419.0PG.
  - van Arragon, Gerrit W.; Mensink, Kornelis A.; and Wittkampf, Frederik H. M., 4,513,743, Cl. 128-419.0PG.
- Mente, Peter G.: *See—*
  - Campbell, David S.; Tinker, Andrew J.; and Mente, Peter G., 4,501,860, Cl. 525-359.400.
- Mentec AG: *See—*
  - Meier, Rene, 4,561,940, Cl. 202-181.000.
- Menter, Gerald A.: *See—*
  - Menter, J. Alan; and Menter, Gerald A., 4,526,530, Cl. 431-34.000.
- Menter, J. Alan; and Menter, Gerald A., to Hollowick, Inc. Burner for liquid candle. 4,526,530, 7-2-85, Cl. 431-34.000.
- Mentha, Anton: *See—*
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- Menting, James E., to QO Chemicals, Inc. Furan foundry binder system containing a curing promoter. 4,543,374, 9-24-85, Cl. 523-144.000.
- Menting, James E.: *See—*
  - Krawiec, Robert; and Menting, James E., 4,543,373, Cl. 523-144.000.
- Mention, Jean-Paul; Aoustin, Jean; and Wallon, Bernard, to Rhone-Poulenc Chimie de Base. Rotary horizontal table type filter. 4,539,114, 9-3-85, Cl. 210-330.000.
- Mentor Corporation: *See—*
  - Fogarty, Terence M., 4,537,183, Cl. 128-79.000.
- Mentor Dynamics Limited: *See—*
  - Muir, James, 4,528,783, Cl. 52-573.000.
- Mentor O & O, Inc.: *See—*
  - Reimels, Harry G., 4,548,207, Cl. 128-303.170.
- Mentrup, Anton; Renth, Ernst-Otto; Schromm, Kurt; Hoefke, Wolfgang; and Gaida, Wolfram, to Boehringer Ingelheim KG. N-[1-(4-amino-6,7-dialkoxy-2-quinazolinyl)-4-piperidyl]-oxazolidine-2,4-diones. 4,539,323, 9-3-85, Cl. 514-260.000.
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- Mentrup, Anton: *See—*
  - Renth, Ernst-Otto; Mentrup, Anton; Schromm, Kurt; Traunecker, Werner; and Reichl, Richard, 4,546,102, Cl. 514-259.000.
- Mentzel, Lee R. Smoker adapter for kettle grills. 4,512,249, 4-23-85, Cl. 99-352.000.
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  - Mentzell, Walter J.; and Ganoe, Oscar L., 4,509,377, Cl. 73-862.560.
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- Mentzer, William R., to Kidde, Inc. Multiple offset crane boom extension. 4,512,482, 4-23-85, Cl. 212-188.000.
- Meny, Rudi: *See—*
  - Bressert, Edgar; Gulich, Gerhard; Martini, Helmut; Meny, Rudi; Sauer, Roland; and Wohr, Rolf, 4,543,570, Cl. 340-589.000.
- Menzel, Dietrich: *See—*
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- Menzel, Klaus R., to Cross Company, The. Mechanical quill having selective braking capability. 4,546,834, 10-15-85, Cl. 173-146.000.
- Menzel, Peter: *See—*
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- Menzel, Waldemar, to Ireks Arkady GmbH, Firma. Ice-cream maker. 4,522,041, 6-11-85, Cl. 62-342.000.
- Menzie, Donald E.: *See—*
  - McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,522,261, Cl. 166-246.000.
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- Meola, Michael L. Drywall corner bracket. 4,490,953, 1-1-85, Cl. 52-211.000.
- Mepha AG: *See—*
  - Seth, Pyare, 4,540,572, Cl. 424-81.000.
- Mera, Hiroshi: *See—*
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- Merant, Jean C.: *See—*
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- Mercadier, Michel: *See—*
  - Favie, Claude; and Mercadier, Michel, 4,535,130, Cl. 525-327.300.
- Mercado Venture, The: *See—*
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- Mercandalli, Louis: *See—*
  - Croset, Michel; and Mercandalli, Louis, 4,521,951, Cl. 29-571.000.
- Mercati, Giorgio; Mariano, Armando; Pertot, Fulvio; Glionna, Antonio; and Ferri, Mario, to Anic S.p.A. Flameproof linear polyester, a process for its preparation, and articles formed from said polyester. 4,517,355, 5-14-85, Cl. 528-287.000.
- Mercatoris, Robert, to Mecan Arbed-Dommeldange S.a.r.l. Device for delivering gaseous and solid materials to a metal pool during a refining process. 4,533,124, 8-6-85, Cl. 266-225.000.
- Mercer, Alec V.: *See—*
  - Fleck, Fritz; Mercer, Alec V.; and Oates, Malcolm, 4,526,976, Cl. 548-159.000.
- Mercer, Frank B.; and Martin, Keith F., to Netlon Limited; and Royal Packaging Industries Van Leer B.V. Method of making internally cross-ribbed plastics material structure. 4,521,368, 6-4-85, Cl. 264-514.000.
- Mercer, Frank B., to P.L.G. Research Limited. Retaining fill in a geotechnical structure. 4,530,622, 7-23-85, Cl. 405-258.000.
- Mercer, Frank B., to P.L.G. Research Limited. Plastics material mesh structure. 4,536,429, 8-20-85, Cl. 428-136.000.
- Mercer, Fred O.: *See—*
  - McClintic, Terry A., 4,491,781, Cl. 324-51.000.
- Mercer, James B. Therapeutic treatment for viral infections. 4,537,775, 8-27-85, Cl. 514-398.000.
- Mercer, James D.; and Aaserude, Gordon. Bi-axial orthotic device. 4,520,802, 6-4-85, Cl. 128-80.00C.

Mercer, John E.: *See—*

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Mercer, Larry D., to Huck Manufacturing Company. Method of making a multigrip fastener and fastener made thereby. 4,540,447, 9-10-85, Cl. 148-2.000.

Mercer, Melvin R.: *See—*

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Mercer, Scott A.: *See—*

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Merchant, Donald K., to Airpax Corporation. PC-Board mounted thermal breaker. 4,510,479, 4-9-85, Cl. 337-91.000.

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Merchant, Harish D.; Morris, James G.; and Scharf, Gunther, to Continental Can Company, Inc. Process for the manufacture of continuous strip cast aluminum alloy suitable for can making. 4,526,625, 7-2-85, Cl. 148-2.000.

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Merchant, Philip; and Wunderlich, R. Roger, to Exxon Research & Engineering Co. Process for the removal of solids from an oil. 4,539,099, 9-3-85, Cl. 208-177.000.

Merchant, Philip; and Lacy, Sylvia M., to Exxon Research & Engineering Co. Water based demulsifier formulation and process for its use in dewatering and desalting crude hydrocarbon oils. 4,551,239, 11-5-85, Cl. 208-188.000.

Merchuk, Josef: *See—*

Pack, Isak; Veintraub, David; Yarkoni, Abraham; and Merchuk, Josef, 4,543,965, Cl. 128-748.000.

Mercier, Bernard: *See—*

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Mercier, Jacques H., to Normand Trust, The. Method of making pressure resistant accumulator device. 4,506,431, 3-26-85, Cl. 29-454.000.

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Mercier, Robert: *See—*

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Mercil, Robert A. Moisture absorbent condiment container. 4,498,608, 2-12-85, Cl. 222-190.000.

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Amato, Joseph S.; Weinstock, Leonard M.; and Karady, Sandor, 4,508,921, Cl. 562-443.000.

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Andrus, W. Alexander; Christensen, Burton G.; and Heck, James V., 4,544,557, Cl. 514-210.000.

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Claremon, David A., 4,552,881, Cl. 514-295.000.

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- Merrell Toraude et Compagnie: *See—*
  - Bey, Philippe; and Jung, Michel, 4,496,588, Cl. 514-564.000.
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- Merriam, Charles N.: *See—*
  - Kopf, Peter W.; and Merriam, Charles N., 4,559,247, Cl. 427-386.000.
- Merrick, Edwin B., to Hewlett-Packard Company. Transducer coupling. 4,546,651, 10-15-85, Cl. 73-701.000.
- Merrick, James W., to General Dynamics Corporation. Electronic engine control. 4,538,573, 9-3-85, Cl. 123-418.000.
- Merrick, Jean A.: *See—*
  - Fenton, Jeff T.; Lundeen, Allan J.; Mack, Mark P.; and Merrick, Jean A., 4,539,374, Cl. 525-240.000.
- Merrie, Kenneth: *See—*
  - Hunter, George S.; Walker, Brian; and Merrie, Kenneth, 4,559,066, Cl. 55-274.000.
- Merrifield, Robert B., to Rockefeller University, The. N^{α}-desacetylthymosinα_1 and process. 4,560,676, 12-24-85, Cl. 514-12.000.
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Merritt, Thomas D.; and Pasichinskyj, Mario J. Linear reciprocating electrical generator. 4,500,827, 2-19-85, Cl. 322-3.000.

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Mertz, Jean-Luc, to Gerin, Merlin. Electric circuit breaker with a remote controlled static switch. 4,531,172, 7-23-85, Cl. 361-13.000.

Mery, Jean-Claude, to Societe Anonyme DBA. Disc brake. 4,553,64 11-19-85, Cl. 188-73.340.

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Merz, Johann, to Zahnradfabrik Friedrichshafen AG. Seal assembly with radially undulated sealing element. 4,516,784, 5-14-85, Cl. 277-180.000.

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Meschi, Luciano, to Wully S.A. Device for the automatic positioning of strips of sheet material. 4,491,259, 1-1-85, Cl. 226-74.000.

Meschi, Luciano, to Wully S.A. Apparatus for reception and transfer of sheet material. 4,507,109, 3-26-85, Cl. 493-356.000.

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Mesey, Milton; Shcwaighofer, Roman; and Donner, Meinrad, to Maag Gear-Wheel & Machine Company Limited. Profiling apparatus for a grinding wheel in a gear grinding machine. 4,535,573, 8-20-85, Cl. 51-165.870.

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Meshman, Boris; Kerekes, Thomas A.; Green, Lawrence S.; and Karlinsky, David, to TRE Semiconductor Equipment Corporation. High speed alignment method for wafer stepper. 4,550,374, 10-29-85, Cl. 364-490.000.

Meshulam, Eli. Golf ball retrieving apparatus. 4,549,758, 10-29-85, Cl. 294-19.200.

Mesiya, Mohammed F.: *See—*

Miller, Gary E.; Mesiya, Mohammed F.; and Deichmiller, Arthur C., 4,545,075, Cl. 155-612.000.

Meskin, Alexander K.; and Pay, Clifford R., to Norton Christensen, Inc. Cutting tooth and a rotating bit having a fully exposed polycrystalline diamond element. 4,529,047, 7-16-85, Cl. 175-329.000.

Meslin, Jacques P.; and Meslin, Laurence C. Portable chair and improved tray with locking container. 4,548,440, 10-22-85, Cl. 297-174.000.

- Meslin, Laurence C.: *See—*
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- Mesmer, Otto: *See—*
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- Mesnel, Francois, to Etablissements Mesnel. Window seal. 4,535,563, 8-20-85, Cl. 49-478.000.
- Mesny, Jacques A.: *See—*
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- Mesquida-Feirman, Barbara: *See—*
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- Messe, Gerard; Faure, Michel; and Ducombs, Marcel, to Alsthom-Atlantique. Automatic lamination cutting machine for electric shunt induction winding. 4,522,094, 6-11-85, Cl. 83-92.000.
- Messenger, Carl, to Computer Peripherals Inc. Tape transport system with tension sensing bearings. 4,523,133, 6-11-85, Cl. 318-7.000.
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- Messer Griesheim Industries, Inc.: *See—*
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  - Ewald, Ruediger, 4,491,446, Cl. 410-32.000.
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  - Fischer, Thomas, 4,555,961, Cl. 74-579.00E.
  - Frommlet, Hubert; and Hahn, Michael, 4,547,127, Cl. 416-134.00A.
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  - Fuhring, Heinrich, 4,517,467, Cl. 290-44.000.
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  - Hahn, Michael; and Sperber, Franz, 4,494,910, Cl. 416-226.000.
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  - Heinze, Frank; and Richter, Heinz, 4,528,051, Cl. 156-92.000.
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  - Schwarz, Alois; and Mautz, Karlheinz, 4,545,733, Cl. 416-138.000.
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  - Wolf, Dietmar; and Tuscher, Otto, 4,530,740, Cl. 204-9.000.
- Messerschmitt, Elmar. Tensioning device for the screen fabric in silk screen printing frames. 4,539,734, 9-10-85, Cl. 24-460.000.
- Messick, George H.; and Adkins, John C., to Maryland Wire Belts, Inc. Fabrication of helically-wound spirals for metal wire belts. 4,491,003, 1-1-85, Cl. 72-137.000.
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  - Veaux, Jacques; and Turiot, Andre, 4,530,425, Cl. 188-299.000.
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  - Kingsbury, Charles M.; Beckwith, Bruce R.; and Messina, Anthony, 4,507,138, Cl. 65-158.000.
- Messina, Benedicto U.: *See—*
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- Messina, Celeste A.; Lok, Brent M.; and Flanigen, Edith M., to Union Carbide Corporation. Crystalline ferroaluminophosphates. 4,554,143, 11-19-85, Cl. 423-306.000.
- Messina, Elena R.: *See—*
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- Messina, Michele, to Schiapparelli Farmaceutici S.p.A. Spironolactone containing composition for combatting acne. 4,543,351, 9-24-85, Cl. 514-175.000.
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- Messinger, Alexander. Space dividers and method of manufacture. 4,526,250, 7-2-85, Cl. 181-295.000.
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  - Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252, Cl. 435-240.000.
- Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Condensed pyrimidines. 4,495,189, 1-22-85, Cl. 514-258.000.
- Metabi, Tsuneyo, to Minolta Camera Kabushiki Kaisha. Objective lens assembly of variable focal length having a diaphragm mechanism with adjustable aperture. 4,525,037, 6-25-85, Cl. 350-450.000.
- Metabi, Tsuneyo: *See—*
  - Ando, Makoto; Metabi, Tsuneyo; Miki, Yukio; and Egawa, Takeshi, 4,553,817, Cl. 350-255.000.
  - Maekawa, Yukio; Metabi, Tsuneyo; and Niwa, Masatake, 4,536,071, Cl. 354-400.000.
- Metaframe, Inc.: *See—*
  - Horvath, Tibor, 4,512,724, Cl. 417-319.000.
- Metako Kigyo Co., Ltd.: *See—*
  - Fukuchi, Shigeki, 4,535,829, Cl. 160-291.000.
- Metal Alloys, Inc.: *See—*
  - Bradt, Richard C., 4,501,718, Cl. 419-49.000.
  - Hanejko, Francis G., 4,499,048, Cl. 419-49.000.
  - Hanejko, Francis G., 4,499,049, Cl. 419-49.000.
- Metal Box Limited: *See—*
  - Abbott, James B.; Kohn, Ernest O.; Berry, Christopher; and Slade Mark N., 4,512,172, Cl. 72-68.000.
  - Bull, Cyril A., 4,513,872, Cl. 220-74.000.
  - Heathcoat, Michael J.; Jackson, Douglas H.; Jowitt, Frederick W.; Madley, Jack R.; and Stuart, Ian C. E., 4,515,677, Cl. 204-300.0EC.

  - Reed, Leonard W.; Barr, Robert M. S.; and Dick, David A., 4,547,416, Cl. 428-36.000.
- Metal Box p.l.c.: *See—*
  - Ashley, Robert J.; Bardhan, Nabendu; Hardy, Peter D.; and Jeffs, Keith D., 4,553,971, Cl. 604-415.000.
  - Brownbill, Thomas D., 4,494,898, Cl. 413-14.000.
  - Bull, Cyril A., 4,560,313, Cl. 413-1.000.
  - Dick, David A.; and Staines, Glyn, 4,559,197, Cl. 264-249.000.
  - East, John; and Maxwell, Ian, 4,552,520, Cl. 425-79.000.
  - Ginn, Ian D.; Gleave, Leonard; and Woods, Leslie, 4,492,135, Cl. 83-155.000.
  - Griffin, Christopher J.; and Oxborrow, Bernard H., 4,501,104, Cl. 53-48.000.
  - MacNair, Leonard I.; and Fishlock, Gary, 4,503,999, Cl. 222-402.160.
  - Oakley, John R., 4,559,092, Cl. 156-69.000.
  - Perigo, John A.; and Divall, John E., 4,499,932, Cl. 141-91.000.
  - Pitman, Kelvin G.; Grime, David A.; and Knight, Malcolm R. M., 4,530,246, Cl. 73-799.000.
  - Rayner, Adrien P., 4,542,837, Cl. 222-402.110.
- Metal Closures Limited: *See—*
  - Herbert, James F., 4,526,284, Cl. 215-329.000.
  - Herbert, James F., 4,558,554, Cl. 53-331.500.
  - Herbert, James F., 4,559,759, Cl. 53-308.000.
- Metal Improvement Company, Inc.: *See—*
  - Biehle, William C., 4,552,017, Cl. 73-198.000.
- Metal Leve S.A. Industria e Comercio: *See—*
  - Mahrus, Duraid; and Bredemann, Peter, 4,545,913, Cl. 252-12.600.
  - Mahrus, Duraid; and Benitez, Luiz N., 4,547,336, Cl. 419-31.000.
- Metalcore Limited: *See—*
  - Scott, John T.; and King, Charles, 4,522,860, Cl. 428-132.000.
- Metalines, Inc.: *See—*
  - Dunsworth, Charles L., 4,517,779, Cl. 52-232.000.
  - Dunsworth, Charles L., 4,522,861, Cl. 428-192.000.
  - Dunsworth, Charles L., 4,557,082, Cl. 52-109.000.
- Metallgesellschaft Aktiengesellschaft: *See—*
  - Albrecht, Johannes; Jakobs, Rudolf; Turna, Osman; Vierrath, Helmut; Weil, Manfred; and Zapke, Klaus, 4,536,193, Cl. 48-77.000.
  - Alig, Franz; Hemmerling, Horst; and Neulinger, Franz, 4,521,226, Cl. 55-21.000.
  - Baab, Heribert, 4,505,724, Cl. 55-118.000.
  - Daar, Horst; and Alig, Franz, 4,521,223, Cl. 55-13.000.
  - Daar, Horst; and Alig, Franz, 4,521,228, Cl. 55-105.000.
  - Dittmar, Heinz; Beckmann, Manfred; Dorr, Karl-Heinz; Rothe, Ulrich; and Sander, Ulrich, 4,533,537, Cl. 423-522.000.
  - Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,504,449, Cl. 423-228.000.
  - Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,532,116, Cl. 423-226.000.
  - Eisenlohr, Karl-Heinz; Gaensslen, Hans; Kriebel, Manfred; and Tanz, Heiner, 4,515,604, Cl. 48-197.00R.
  - Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.
  - Hankel, Dirk, 4,525,207, Cl. 75-3.000.
  - Haselmaker, Karl, 4,544,383, Cl. 55-129.000.
  - Hiller, Heinz; Supp, Emil; Marschner, Friedemann; Kupfer, Hans; and Weidemann, Lutz, 4,559,207, Cl. 422-197.000.
  - Hirsch, Martin; Schnabel, Wolfram; Sauer, Harald; and Schmidt, Hans-Werner, 4,539,188, Cl. 423-210.000.
  - Hirsch, Martin; Fischer, Peter; and Serbent, Harry, 4,540,432, Cl. 75-43.000.
  - Hochgesand, Gerhard; Kahles, Heinz; Wiesner, Paul; and Stonner, Hans-Martin, 4,522,730, Cl. 210-750.000.
  - Lohrberg, Karl; Kohl, Peter; and Haas, Gunter, 4,502,935, Cl. 204-253.000.
  - Moeller, Friedrich-Wilhelm; Buchold, Henning; Klein, Helmut; Garkisch, Otto-Ludwig; Guetlhuber, Friedrich; and Laber, Walter, 4,549,032, Cl. 585-445.000.
  - Mulder, Jurgen; and Gutmann, Pedro, 4,504,356, Cl. 162-29.000.
  - Rausch, Werner; and Muller, Gerhard, 4,547,269, Cl. 204-34.000.
  - Rudolph, Paul; and Hirsch, Martin, 4,556,402, Cl. 48-197.00R.
  - Sauer, Harald; Schmidt, Hans-Werner; and Fennemann, Wolfgang, 4,548,797, Cl. 423-240.000.
  - Schade, Horst J.; Gelhaar, Rolf; and Hartmann, Wolfgang, 4,541,849, Cl. 55-146.000.
  - Seufert, Josef J., 4,508,547, Cl. 55-101.000.
  - Simo, Thomas; Eisenlohr, Karl-Heniz; and Puxbaumer, Hans-Hermann, 4,500,415, Cl. 208-56.000.
  - Stonner, Hans-Martin; and Marschner, Friedemann, 4,491,573, Cl. 423-652.000.
  - Wolf, Heinz; and Emmel, Werner, 4,559,972, Cl. 137-614.110.
  - Wolfsgruber, Friedrich; Weiser, Ernst A.; Gmohling, Werner; Kern, Hans; and Reifferscheid, Karl J., 4,540,436, Cl. 75-130.00A.
- Metallurgical Exoproducts Corporation: *See—*
  - Prines, Frederick W., 4,546,952, Cl. 249-106.000.
- Metallurgie Hoboken-Overpelt: *See—*
  - Felix, Noel F.; and Vermeylen, Guido C., 4,526,768, Cl. 423-531.000.
- Metallwerk Max Brose GmbH & Co.: *See—*
  - Hess, Peter; Schulz, Volkmar; and Rampel, Hans, 4,534,534, Cl. 248-424.000.
- Metalogic, Inc.: *See—*
  - Johnson, Robert C., 4,519,151, Cl. 38-102.900.
- Metals Ltd.: *See—*
  - Lichti, Wayne P.; and Hofstatter, Alfred F., 4,539,175, Cl. 419-49.000.
- Metals Production Research, Inc.: *See—*
  - Murphy, Andrew H., 4,518,426, Cl. 75-112.000.
- Metalworking Lasers International Ltd.: *See—*
  - Hoag, Ethan D., 4,534,032, Cl. 372-34.000.
  - Hoag, Ethan D.; and Ravid, Amotz, 4,552,439, Cl. 350-610.000.
- Metamora Products Corp.: *See—*
  - Schiedegger, Charles E.; and Elfes, Vean, 4,524,096, Cl. 428-68.000.
- Metarplastic S.p.A.: *See—*
  - Mucelli, Aldo, 4,560,030, Cl. 182-118.000.
- Metatech Corporation: *See—*
  - Perlin, Alfred R., 4,556,060, Cl. 128-325.000.
- Metaverpa B.V.: *See—*
  - van Wegen, Wilhelmus F. S. M., 4,533,033, Cl. 198-413.000.
- Metcalf, Brian W.; and Lippert, Bruce J., to Merrell Dow Pharmaceuticals Inc. Novel γ-aminobutyric acid transaminase inhibitors. 4,524,076, 6-18-85, Cl. 514-472.000.
- Metcalf, Brian W.: *See—*
  - Adams, Jerry L.; Metcalf, Brian W.; and Lippert, Bruce J., 4,520,028, Cl. 514-447.000.
- Metcalf, Bruce D.: *See—*
  - Large, Scott F.; and Metcalf, Bruce D., 4,522,462, Cl. 350-96.190.
- Metcalf, James F.: *See—*
  - Dick, Thomas R.; and Metcalf, James F., 4,557,757, Cl. 75-49.000.
- Metcalf, Robert L., to Wilbanks International, Inc. Cyclone separator having abrasion resistant cone covered by a plastic sleeve with flexible seal regions. 4,539,105, 9-3-85, Cl. 209-211.000.
- Metcalfe, Lincoln D.; and Frank, Dieter, to Akzona Incorporated. Immobilization of proteins on polymeric supports. 4,539,294, 9-3-85, Cl. 435-180.000.
- Metcalfe, Peter J., to Smith and Nephew Associated Companies p.l.c. Adhesive dressing and components. 4,559,938, 12-24-85, Cl. 128-156.000.
- Metcalfe, Robert S.: *See—*
  - Sheffield, Miller; Metcalfe, Robert S.; and Calvin, James W., 4,548,267, Cl. 166-268.000.
- Metcalfe, Ronald: *See—*
  - Lewarchik, Ronald J.; Noren, Gerry K.; Metcalfe, Ronald; Bonin, Demetrius J.; and Poklacki, Erwin S., 4,530,977, Cl. 525-443.000.
- Metco, Inc.: *See—*
  - Smyth, Richard T.; and Zatorski, Raymond A., 4,506,136, Cl. 219-121.0PL.
  - Spaulding, Mark F.; and Goehring, Richard A., 4,561,808, Cl. 406-118.000.
  - Waszkiewicz, Richard A., 4,540,120, Cl. 239-1.000.
- Metelitsa, Vladimir I.: *See—*
  - Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I., 4,529,589, Cl. 424-81.000.
- Meteor AG: *See—*
  - Arnold, Ernst, 4,516,103, Cl. 336-65.000.
- Meteor Manufacturing & Machinery Co.: *See—*
  - Lodge, Daniel A.; and Wheeler, Donald D., 4,523,366, Cl. 29-564.600.
- Metev, Georgi M.: *See—*
  - Petkov, Georgi K.; Botev, Botyo P.; Naydenov, Ivan H.; Metev, Georgi M.; and Petrov, Yakim N., 4,558,579, Cl. 72-56.000.
- Metex Corporation: *See—*
  - Usher, Peter P., 4,516,782, Cl. 277-1.000.
  - Usher, Peter P.; and Gavaletz, Eugene J., 4,549,741, Cl. 277-236.000.
- Methane Drainage Ventures: *See—*
  - Richards, Walter L., 4,533,182, Cl. 299-2.000.
- Methanol Chemie Nederland V.o.F.: *See—*
  - Hoetjer, Jan J., 4,510,278, Cl. 524-14.000.
- Metheus Corporation: *See—*
  - Bruce, Robert A., 4,546,451, Cl. 364-900.000.
- Methling, Dieter: *See—*
  - Janberg, Klaus G.; and Methling, Dieter, 4,495,139, Cl. 376-203.000.
- Methode Champenoise Automatisee-M C.A. G.I.E.: *See—*
  - Jeanrat, Roger G.; Martin, Pierre M.; and Hardy, Georjes, 4,524,680, Cl. 99-277.100.
- Methode Electronics, Inc.: *See—*
  - Brevick, Arnold A., 4,544,811, Cl. 200-5.00R.
  - Brown, Vincent B.; Kozel, Charles A.; and Scheitz, John T., 4,491,379, Cl. 339-97.00P.
  - Brown, Vincent B.; and Schreiner, Donald G., 4,534,098, Cl. 29-564.800.
  - Brown, Vincent B.; and Geib, Lawrence, 4,534,603, Cl. 339-17.00C.
  - Brown, Vincent B.; Kozel, Charles A.; Scheitz, John T.; and Armando, John E., 4,537,456, Cl. 339-99.00R.
  - Triner, Irvin R.; and Martinowich, John N., 4,514,030, Cl. 339-176.0MP.
- Methods Engineering,Inc.: *See—*
  - Kennedy, Alvin B., III; Fontaine, Joseph S.; Kennard, Alfred J.; and Morrison, J. Bruce, 4,537,685, Cl. 210-709.000.
- Methven, Robert W. Ballast apparatus for righting a capsized boat. 4,516,516, 5-14-85, Cl. 114-39.000.
- Metofer Inc.: *See—*
  - Weis, Franz, 4,529,833, Cl. 174-48.000.
- Metrawatt GmbH: *See—*
  - Haussel, Werner; Roppelt, Gunter; and Kindermann, Robert, 4,510,444, Cl. 324-121.00R.

  - Hochreuther, Karl; and Tragatschnig, Jorg, 4,522,061, Cl. 73-431.000.
- Metreaud, Claude G.: *See—*
  - Hultmark, Eric B.; Metreaud, Claude G.; and Yacavonis, Robert A., 4,546,405, Cl. 361-386.000.
- Metrick, Dennis: *See—*
  - Schortmann, Walter E.; and Metrick, Dennis, 4,537,819, Cl. 428-284.000.
- Metripond Merleggyar: *See—*
  - Koos, Rudolf, 4,520,444, Cl. 364-426.000.
- Metrix Instrument Co.: *See—*
  - Sundt, Peter C., 4,504,932, Cl. 367-183.000.
- Metro Hoist & Body Co., Inc.: *See—*
  - Petretti, Anthony V., 4,543,183, Cl. 210-187.000.
- Metro Materials Corporation: *See—*
  - Simpson, William B., Jr.; Lundy, David F.; Parnell, R. L.; Snodgrass, Charles W.; Miller, Edward B.; and Harvey, John M., 4,528,035, Cl. 75-257.000.
- Metro Products (Accessories & Leisure) Limited: *See—*
  - Starmer, John E., 4,545,246, Cl. 116-315.000.
- Metromail Corporation: *See—*
  - Barton, Delmar O.; and Simpson, Loran R., 4,511,130, Cl. 270-54.000.
  - Bornstein, Michael, 4,531,726, Cl. 271-263.000.
  - Watson, Virgil A., 4,531,723, Cl. 271-14.000.
- Metromail, Inc.: *See—*
  - Koch, Keith C., 4,494,362, Cl. 53-550.000.
- Metromedia, Inc.: *See—*
  - Logan, David J.; Wood, Kenneth O.; Gordon, Thomas A.; and Ladue, John E., 4,547,786, Cl. 346-140.00R.
  - Rich, Leonard G., 4,562,445, Cl. 346-140.00R.
- Metronic Electronic GmbH: *See—*
  - Bucher, Heinz, 4,512,934, Cl. 261-64.00B.
- Metropolitan Furniture Corp.: *See—*
  - Kane, Brian J., 4,545,615, Cl. 297-287.000.
- Metropolitan Wire Corporation: *See—*
  - Cohn, Robert J.; Olsson, Frank C.; Holzman, James W.; and Santarelli, Paul, 4,550,956, Cl. 312-250.000.
  - Welsch, John H.; Chapko, John J.; and Carver, Robert J., 4,509,805, Cl. 312-210.000.
- Metropulos, Robert P. Caddy for skis, poles and boots. 4,491,359, 1-1-85, Cl. 294-147.000.
- Metrotech, Inc.: *See—*
  - Peterman, Earl J., 4,520,317, Cl. 324-326.000.
- Metschl, Michael; and Koch, Hannsjorg, to Linde Aktiengesellschaft. Adsorber for two-component recovery and method of operating same. 4,544,384, 10-1-85, Cl. 55-180.000.
- Mette, Ulrich, to TRW Ehrenreich GmbH & Co. KG. Fastening of a sealing bellows to the joint housing of a ball joint. 4,549,830, 10-29-85, Cl. 403-134.000.
- Mettenbrink, Herbert, to Bramlage GmbH. Dispenser for flowable substances. 4,545,510, 10-8-85, Cl. 222-209.000.
- Mettenleiter, Karl: *See—*
  - Storandt, Ralf; and Mettenleiter, Karl, 4,536,916, Cl. 16-48.500.
- Mettler Instrumente AG: *See—*
  - Baumann, Arthur, 4,549,623, Cl. 177-212.000.
  - Kunz, Peter, 4,545,448, Cl. 177-212.000.
  - Ludwig, Peter; and Steiner, Meinrad, 4,554,988, Cl. 177-178.000.
  - Meier, Eugen, 4,497,386, Cl. 177-229.000.
  - Meier, Linus, 4,512,429, Cl. 177-25.000.
  - Willi, Ernst, 4,496,014, Cl. 177-187.000.
  - Willi, Ernst; and Fluckiger, Hans-Ulrich, 4,541,495, Cl. 177-210.0FP.
- Mettler-Waagen GmbH: *See—*
  - Kusmenskji, Karl-Heinz; and Beck, Harald, 4,553,618, Cl. 177-185.000.
- Metz, Arthur J.; and Schlotzhauer, Kenneth G., to Tektronix, Inc. Current-limiting mechanism for a precision differential amplifier. 4,491,803, 1-1-85, Cl. 330-261.000.
- Metz, Arthur J.; and Schlotzhauer, Kenneth G., to Tektronix, Inc. Trigger coupling circuit for providing a plurality of coupling modes. 4,536,666, 8-20-85, Cl. 307-494.000.
- Metz, Arthur J., to Tektronix, Inc. Oscilloscope having dual time base system for accurate differential time measurement. 4,551,656, 11-5-85, Cl. 315-392.000.
- Metz, Arthur J.: *See—*
  - Schlotzhauer, Kenneth G.; and Metz, Arthur J., 4,499,386, Cl. 307-260.000.
- Metz, Carl W.: *See—*
  - Bast, Gordon B.; Metz, Carl W.; and Nicholas, John F., 4,560,831, Cl. 179-2.00E.
- Metz, Donald L. Truck locking device. 4,555,211, 11-26-85, Cl. 414-401.000.
- Metz, George D.: *See—*
  - Adair, Paul C.; and Metz, George D., 4,554,235, Cl. 430-138.000.
- Metz, Gunter; and Rauchle, Kurt, to Merckle GmbH. Pharmaceutical for the treatment of sleep disorders. 4,505,914, 3-19-85, Cl. 514-255.000.
- Metz, Jean: *See—*
  - Mailliet, Pierre; Ulveling, Leon; and Metz, Jean, 4,557,468, Cl. 266-273.000.
- Metz, Josef; and Zielisnki, Erich, to Rheinmetall GmbH. Hydraulic recoil brake system for braking the gun barrel recoil movement after the firing traverse. 4,502,366, 3-5-85, Cl. 89-43.00R.
- Metz, Paul, to Arbed S.A. Process and apparatus for refining steel in a metallurgical vessel. 4,518,422, 5-21-85, Cl. 75-58.000.
- Metz, Rudi; and Scholl, Herbert, to EMAG Maschinenfabrik GmbH. Electromagnet with expandible cores for exciting coils. 4,530,028, 7-16-85, Cl. 361-144.000.
- Metz, Rudi; and Scholl, Herbert, to EMAG Maschinenfabrik GmbH. Lifting electromagnet. 4,544,985, 10-1-85, Cl. 361-144.000.
- Metz, Rudi; and Scholl, Herbert, to EMAG Maschinenfabrik GmbH. Magnetic gripping device. 4,554,610, 11-19-85, Cl. 361-144.000.
- Metzbower, Edward A.: *See—*
  - Moon, Deug W.; and Metzbower, Edward A., 4,527,040, Cl. 219-121.0LD.
- Metzdorf, Jacques, to Arbed S.A. Method of rolling sheet piling. 4,498,323, 2-12-85, Cl. 72-177.000.
- Metzdorf, Jacques: *See—*
  - Liesch, Jean; Metzdorf, Jacques; Meyers, Andre; Neu, Joseph; and Redo, Jean, 4,548,503, Cl. 356-373.000.
- Metzeler Kautschuk GmbH: *See—*
  - Kranz, Jurgen, 4,505,224, Cl. 118-636.000.
  - Pfeiffer, Claus-Peter, 4,520,054, Cl. 428-35.000.
- Metzger, Donald L.: *See—*
  - Hughes, Donald W. K.; Metzger, Donald L.; and Reynolds, Charles E., 4,527,857, Cl. 339-258.00S.
- Metzger, Dorothy. Therapy aid for treating cystic fibrosis. 4,530,349, 7-23-85, Cl. 128-1.00R.
- Metzger, Frederick B.; and Magliozzi, Bernard, to United Technologies Corporation. Cabin noise suppression in propeller driven aircraft. 4,534,526, 8-13-85, Cl. 244-38.000.
- Metzger, James B., to Metzger Research Corporation. Radiant energy device. 4,505,260, 3-19-85, Cl. 126-433.000.
- Metzger, Jean; Lecouls, Henri; Colombe , Philippe; and Wojcik, Jean. Process for producing solutions of alkali metal silicate in a static reactor. 4,520,001, 5-28-85, Cl. 423-332.000.
- Metzger, Karl G.; Schrock, Wilfried; Habich, Dieter; Naab, Paul; and Zeiler, Hans-Joachim, to Bayer Aktiengesellschaft. β-Lactam antibiotics. 4,515,789, 5-7-85, Cl. 514-196.000.
- Metzger, Karl G., to Bayer Aktiengesellschaft. Synergistic mixtures of penicillins. 4,529,591, 7-16-85, Cl. 424-114.000.
- Metzger, Karl G.; Pfitzner, Jorg; Schmidt, Delf; Weyland, Horst; Benz, Gunter; and Schroder, Theo, to Bayer Aktiengesellschaft. Streptomyces species and process for producing antibiotic. 4,546,079, 10-8-85, Cl. 435-71.000.
- Metzger, Karl G.: *See—*
  - Benz, Gunter; Metzger, Karl G.; and Zeiler, Hans-Joachim, 4,535,083, Cl. 514-274.000.
  - Fengler, Gerd; Arlt, Dieter; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,548,934, Cl. 514-225.000.
  - Grohe, Klaus; Petersen, Uwe; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,658, Cl. 514-254.000.
  - Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,709, Cl. 544-117.000.
  - Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,544,658, Cl. 514-254.000.
  - Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,547,503, Cl. 514-254.000.
  - Petersen, Uwe; Grohe, Klaus; Kuhle, Engelbert; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,559,341, Cl. 514-254.000.
  - Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,559,342, Cl. 514-254.000.
- Metzger Research Corporation: *See—*
  - Metzger, James B., 4,505,260, Cl. 126-433.000.
- Metzger, Robert A.: *See—*
  - Allen, Frederick G.; Streit, Dwight C.; and Metzger, Robert A., 4,559,091, Cl. 148-174.000.
- Metzler, Maria: *See—*
  - Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, 4,533,638, Cl. 435-288.000.
- Metzler, Richard B.: *See—*
  - Foster, George N.; and Metzler, Richard B., 4,535,113, Cl. 524-262.000.
- Metzler, Steven, to National Keystone Products Co. Dowel pin for dental models. 4,521,188, 6-4-85, Cl. 433-74.000.
- Metzner, Ernest K., to American Hoechst Corporation. Facile synthesis of β-hydroxy-β-methylglutaric acid. 4,546,203, 10-8-85, Cl. 562-538.000.
- Metzner, Robert G.; and Smith, Stephen H., to Califone International, Inc. Hybrid electric vehicle control methods and devices. 4,547,678, 10-15-85, Cl. 290-40.00C.
- Metzner, Uwe, to Siemens Aktiengesellschaft. Measuring arrangement for capacitive security fences. 4,549,133, 10-22-85, Cl. 324-60.00R.
- Meudt, Gottfried: *See—*
  - Esper, Friedrich J.; and Meudt, Gottfried, 4,503,348, Cl. 310-155.000.
- Meuer, Gerd R.: *See—*
  - Wolters, Martin; and Meuer, Gerd R., 4,513,538, Cl. 51-131.300.
- Meuer, Johannes; Nemack, Christian; and Todtenhaupt, Dieter, to Willy Vogel AG. Device for controlling the function of central lubrication installations. 4,556,766, 12-3-85, Cl. 200-81.90R.
- Meuer, Stefan C.: *See—*
  - Reinherz, Ellis L.; Schlossman, Stuart F.; and Meuer, Stefan C., 4,550,086, Cl. 436-506.000.
- Meuleman, Guy A., to Aqua Control, Inc. Irrigation valve. 4,543,990, 10-1-85, Cl. 137-556.000.
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  - Vanderlaan, Robert D.; and Meulendyk, John W., 4,533,891, Cl. 335-272.000.
- Meuli, Michael G., to Kimberly-Clark Corporation. Method for adhering tensioned elastic strips to a flexible base material and article produced therefrom. 4,556,596, 12-3-85, Cl. 428-152.000.
- Meuli, William P.: *See—*
  - Chiang, Anne; and Meuli, William P., 4,536,251, Cl. 156-657.000.
- Meulners, Duane C.: *See—*
  - Young, Ronald E.; and Meulners, Duane C., 4,513,333, Cl. 360-77.000.
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  - Coblentz, Andrea; Lefevre, Didier; Colombani, Pascal; and Meunier, Denis, 4,520,666, Cl. 73-155.000.
- Meunier, Francis: *See—*
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- Meunier, Gilles; and Vio, Lino, to Societe Nationale Elf Aquitaine. Method for hindering the scaling by waters. 4,532,046, 7-30-85, Cl. 210-698.000.
- Meunier, Gilles, to M&T Chemicals Inc. Graft copolymers of alkyl methacrylates—alkyl acrylates onto diene—alkyl acrylate copolymers and their use as impact modifiers. 4,542,185, 9-17-85, Cl. 525-70.000.
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  - Eudier, Michel; Huret, Noel; and Meunier, Jean, 4,537,167, Cl. 123-193.00C.
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- Meunier, Paul J.: *See—*
  - Lunt, James; MacPherson, Edwin J.; and Meunier, Paul J., 4,546,119, Cl. 521-131.000.
- Meunier, Paul-Louis: *See—*
  - Hartemann, Pierre; Meunier, Paul-Louis; and Jacobelli, Alain, 4,515,016, Cl. 73-517.00R.
- Meurer Druck & Carton GmbH: *See—*
  - Vossen, Franz, 4,544,367, Cl. 493-1.000.
- Meurer, Hans; and Jordans, Josef, to Mannesmann Aktiengesellschaft. Bending skelp or strip into split tubes or pipes. 4,530,225, 7-23-85, Cl. 72-52.000.
- Meurer, Klaus: *See—*
  - Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.
- Meurer Non Food Product GmbH: *See—*
  - Vossen, Franz, 4,505,422, Cl. 229-37.00R.
  - Vossen, Franz, 4,521,233, Cl. 55-384.000.
- Meurer, Wolfgang, to Jagenberg AG. Device for monitoring a cylinder-piston assembly. 4,507,994, 4-2-85, Cl. 83-58.000.
- Meuschke, Robert E.; and Schulties, Joseph R., to Westinghouse Electric Corp. Apparatus for dismantling and disposing of fuel assemblies. 4,511,499, 4-16-85, Cl. 252-626.000.
- Meuschke, Robert E.; Sherwood, Donald G.; and Silverblatt, Bernard L., to Westinghouse Electric Corp. Fuel transfer tube quick opening hatch. 4,519,519, 5-28-85, Cl. 220-211.000.
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- Meuters, Friedrich: *See—*
  - Reizig, Hans-Jurgen; Meuters, Friedrich; and Louen, Hans-Richard, 4,497,192, Cl. 72-203.000.
- Mews, Hannelore: *See—*
  - Vite, Lutz; and Mews, Hannelore, 4,505,883, Cl. 423-335.000.
- Mey, William, to Eastman Kodak Company. Erasable information recording process using co-crystalline dye complexes. 4,513,071, 4-23-85, Cl. 430-19.000.
- Meybeck, Alain: *See—*
  - Redziniak, Gerard; and Meybeck, Alain, 4,508,703, Cl. 424-38.000.
- Meyborg, Holger: *See—*
  - Fauss, Rudolf; Meiners, Hans J.; Rasshofer, Werner; and Meyborg, Holger, 4,515,923, Cl. 525-127.000.
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  - Salzburg, Herbert; Hajek, Manfred; and Meyborg, Holger, 4,506,086, Cl. 549-464.000.
- Meyco Products, Inc.: *See—*
  - Weissner, David W., 4,497,152, Cl. 52-709.000.
- Meyer, Alfred; Kunz, Walter; Maier, Ludwig; and Rempfler, Hermann, to Ciba-Geigy Corporation. Triazolylalkenes as fungicides and plant growth regulants. 4,497,647, 2-5-85, Cl. 71-76.000.
- Meyer, Alfred B.: *See—*
  - Bai, Monty W.; and Meyer, Alfred B., 4,495,792, Cl. 73-12.000.
- Meyer, Anton. Set of bricks with plugging connections. 4,522,001, 6-11-85, Cl. 52-309.100.
- Meyer, Arnold; and Noweck, Klaus, to Condea Chemie GmbH. Method for preparing spheroidal alumina. 4,542,113, 9-17-85, Cl. 502-8.000.
- Meyer, Benjamin S., to United States Medical Corporation. Artificial joint fixation to bone. 4,549,319, 10-29-85, Cl. 623-22.000.
- Meyer, Boris: *See—*
  - Weidenbach, Gunter; Bonse, Dirk; and Meyer, Boris, 4,533,633, Cl. 435-94.000.
- Meyer, Bruce E.; and McIntosh, John S. Exterior louver and louver apparatus. 4,497,134, 2-5-85, Cl. 49-91.000.
- Meyer, Bruno. Sprouting apparatus. 4,521,989, 6-11-85, Cl. 47-14.000.
- Meyer, Burton C.: *See—*
  - Hanson, Steven P.; and Meyer, Burton C., 4,496,510, Cl. 264-176.00R.
  - Klimpert, Randall J.; and Meyer, Burton C., 4,508,521, Cl. 446-486.000.
  - Zaruba, John V.; and Meyer, Burton C., 4,518,367, Cl. 446-373.000.
- Meyer, Carl; and Madzgalla, Hans G., to Lucas Industries Limited. Friction pad assemblies for use in disc brakes. 4,527,669, 7-9-85, Cl. 188-73.380.
- Meyer, Carl H. W.: *See—*
  - Elander, Robert C.; Lennon, Richard E.; Matyas, Stephen M.; Meyer, Carl H. W.; Shuck, Robert E.; and Tuchman, Walter L., 4,500,750, Cl. 178-22.080.
- Meyer, Cyril G. Electrically heated sewer vent line defroster. 4,524,262, 6-18-85, Cl. 219-213.000.
- Meyer, Dale L.: *See—*
  - Brestel, Ronald R.; and Meyer, Dale L., 4,519,579, Cl. 251-172.000.
- Meyer, Daniel E.: *See—*
  - Krueger, Dennis L.; and Meyer, Daniel E., 4,547,420, Cl. 428-229.000.
- Meyer, Danny D.: *See—*
  - Drews, Robert C.; Meyer, Danny D.; Shalon, Tadmor; and Pasternak, Eliezer, 4,508,532, Cl. 604-22.000.
- Meyer, Danny S.: *See—*
  - Hollister, F. Harold; and Meyer, Danny S., 4,515,174, Cl. 137-72.000.
- Meyer, David R., to Mallinckrodt, Inc. Salt substitute containing potassium chloride coated with maltodextrin and method of preparation. 4,556,567, 12-3-85, Cl. 426-96.000.
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- Meyer, Dietmar; and Scheibe, Horst, to WABCO Fahrzeugbremsen GmbH. Electropneumatic door control. 4,546,845, 10-15-85, Cl. 180-286.000.
- Meyer, Donald G., to John Fluke Mfg. Co., Inc. Voltage-controlled RF oscillator employing wideband tunable LC resonator. 4,500,854, 2-19-85, Cl. 331-117.00R.
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  - Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.
- Meyer, Frank; Cornely, Wolfgang; and Mehesch, Hans, to Bergwerksverband GmbH. Method of bonding roofbolt rods to boltholes. 4,497,595, 2-5-85, Cl. 405-261.000.
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- Meyer, Fred J.; and Newman, Seymour, to Ford Motor Company. Silicate filled polyolefin resin composites. 4,493,918, 1-15-85, Cl. 524-451.000.
- Meyer, Fritz, to Siemens Aktiengesellschaft. Generating quasi-random sequences in AMI code. 4,507,621, 3-26-85, Cl. 331-78.000.
- Meyer, Gerhard: *See—*
  - Diamantoglou, Michael; Brandner, Alexander; and Meyer, Gerhard, 4,543,409, Cl. 536-68.000.
  - Klostermeier, Werner; Lasher, Jeffery D.; Meyer, Gerhard; and Zengel, Hans, 4,522,880, Cl. 428-332.000.

- Meyer, Gunter: *See—*
  - Glembin, Dirk; Huhn, Kurt; Meyer, Gunter; and Thallmeier, Manfred, 4,510,334, Cl. 568-643.000.
- Meyer, Gunther: *See—*
  - John, Willy; Klimaschka, Norbert; Wagner, Arno; and Meyer, Gunther, 4,558,825, Cl. 241-171.000.
- Meyer, Gustavo A.: *See—*
  - Kramer, Marcy J.; Warneke, William C.; Meyer, Gustavo A.; and Jha, Mahesh C., 4,497,779, Cl. 423-72.000.
- Meyer, Hans. Device for measuring distances between two opposite surfaces. 4,510,691, 4-16-85, Cl. 33-169.00R.
- Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, to WABCO Steuerungstechnik GmbH. Multiway slide valve. 4,491,155, 1-1-85, Cl. 137-625.660.
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- Meyer, Hans R., to Ciba-Geigy Corporation. Benzimidazoles. 4,542,222, 9-17-85, Cl. 548-327.000.
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- Meyer, Herbert J.: *See—*
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- Meyer, Hermann: *See—*
  - Ziemek, Gerhard; Schatz, Friedrich; and Meyer, Hermann, 4,520,622, Cl. 57-59.000.
- Meyer, Horst; and Landwehr, Gunter, to Kochs Adler AG. Presser foot automatic lifting device. 4,513,675, 4-30-85, Cl. 112-236.000.
- Meyer, Horst: *See—*
  - Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
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- Meyer, Howard E., to Heat Exchange and Transfer, Inc. Heat sealing apparatus. 4,504,352, 3-12-85, Cl. 156-499.000.
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- Meyer, Jacques; and Scharen, Walter, to Siegfried Aktiengesellschaft. Weed control method and composition. 4,531,965, 7-30-85, Cl. 71-92.000.
- Meyer, James A., to Doboy Packaging Machinery, Inc. Hinged bag top folder. 4,507,906, 4-2-85, Cl. 53-371.000.
- Meyer, James R. Animal feeder. 4,522,152, 6-11-85, Cl. 119-56.00R.
- Meyer, Jeffry R., to Westinghouse Electric Corp. High current contact. 4,501,466, 2-26-85, Cl. 339-255.00P.
- Meyer, Jerome K., to Safeway Stores, Incorporated. Ice cream making and packaging system and method. 4,494,382, 1-22-85, Cl. 141-9.000.
- Meyer, Jerry R.: *See—*
  - Hoffman, Craig A.; Meyer, Jerry R.; and Bartoli, Filbert, 4,558,923, Cl. 350-354.000.
- Meyer, John D., to Hewlett-Packard Company. Thermal ink jet printer utilizing a printhead resistor having a central cold spot. 4,514,741, 4-30-85, Cl. 346-140.00R.
- Meyer, John J.; and Barth, Stanley D., to Nooter Corporation. Method and apparatus for joining a tube to a tubesheet. 4,535,214, 8-13-85, Cl. 219-60.200.
- Meyer, Jon A.: *See—*
  - MacInnes, Hugh; Meyer, Jon A.; Johnston, Andrew E.; and Fort, John W., Jr., 4,504,187, Cl. 415-1.000.
- Meyer, Joseph; and Vinton, David J., to U.S. Philips Corporation. Method of forming a resist mask resistant to plasma etching. 4,504,574, 3-12-85, Cl. 430-331.000.
- Meyer, Juergen, to Dr. Ing. h.c.F. Porsche AG. Table-like support installation for papers, especially at a covering frame of a sliding window. 4,511,104, 4-16-85, Cl. 244-118.500.
- Meyer, Klaus: *See—*
  - Vom Hofe, Dieter; and Meyer, Klaus, 4,560,085, Cl. 220-465.000.
- Meyer, Knut. Method and apparatus for detecting leakage in a fluid conduit system. 4,518,955, 5-21-85, Cl. 340-605.000.
- Meyer Label Co., Inc.: *See—*
  - Freling, Martin, 4,535,018, Cl. 428-79.000.
- Meyer, Lawrence D.: *See—*
  - Lipton, Lenny; Starks, Michael R.; Stewart, James D.; and Meyer, Lawrence D., 4,523,226, Cl. 358-88.000.
- Meyer, Lawrence L.; and Carli, Alvin J., to Alliance Manufacturing Company, Inc., The. Tape drive closure operator. 4,520,684, 6-4-85, Cl. 74-89.210.
- Meyer, Leonard J.: *See—*
  - Larkin, Mark E.; and Meyer, Leonard J., 4,547,900, Cl. 383-5.000.
- Meyer, Leonard S. Target having shiftably movable target structure. 4,491,328, 1-1-85, Cl. 273-403.000.
- Meyer, Louis W., to Dow Chemical Company, The. Compositions containing mold release agents. 4,500,442, 2-19-85, Cl. 252-182.000.
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  - Lam, Yanta, 4,492,853, Cl. 219-432.000.
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- Meyer, Norbert: *See—*
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  - Rentzea, Costin; Meyer, Norbert; Sauter, Hubert; Ammermann, Eberhard; and Pommer, Ernst-Heiarich, 4,497,819, Cl. 514-397.000.
- Meyer Products, Inc.: *See—*
  - Sarka, Stephen F.; Abarca, Wayne J.; Johnson, James R.; and Smick, Charles J., Jr., 4,528,762, Cl. 37-236.000.
- Meyer, Raymond A.; Howard, Frederick S.; and Brugger, John E., to United States of America, Administrator Environmental Protection Agency. Method and apparatus for generating monopulse ultrasonic signals. 4,507,762, 3-26-85, Cl. 367-137.000.
- Meyer, Richard A.; and Meline, Harry R., to MTS Systems Corporation. Quick attach retainer for extensometer. 4,507,871, 4-2-85, Cl. 33-148.00D.
- Meyer, Richard A.: *See—*
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- Meyer, Richard C.: *See—*
  - Henriksen, Melvin S.; and Meyer, Richard C., 4,540,015, Cl. 137-240.000.
- Meyer, Rolf-Volker; Kreuder, Hans-Joachim; and Hohl, Erwin, to Bayer Aktiengesellschaft. Cyclic amidines, a process for their production and their use as catalysts in the hardening of epoxide resins. 4,510,288, 4-9-85, Cl. 525-111.000.
- Meyer, Rolf-Volker: *See—*
  - Ebert, Wolfgang; Meyer, Rolf-Volker; Idel, Karsten-Josef; and Dhein, Rolf, 4,535,149, Cl. 528-388.000.
- Meyer, Rudolf: *See—*
  - Himmelmann, Wolfgang; Sackmann, Gunter; and Meyer, Rudolf, 4,524,131, Cl. 430-523.000.
- Meyer, Russell L.: *See—*
  - Thornton, Max C., Jr.; Kuntz, Paul; Meyer, Russell L.; and Rosier, Kenneth M., 4,528,504, Cl. 324-158.00F.
- Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., to Marvin Glass & Associates. Image matching video game. 4,508,353, 4-2-85, Cl. 273-313.000.
- Meyer, Steven M.: *See—*
  - Breslow, Jeffrey D.; Morrison, Howard J.; Ditton, Richard A.; Meyer, Steven M.; and Morrison, Robert S., 4,530,499, Cl. 273-1.0GC.
- Meyer, Theodor: *See—*
  - Burge, Theodor A.; Widmer, Jurg; Meyer, Theodor; and Sulser, Ulrich, 4,501,839, Cl. 524-247.000.
- Meyer, Thomas I.: *See—*
  - Riley, Robert F.; Meyer, Thomas I.; and Jordan, Wesley N., 4,519,662, Cl. 339-94.00R.
- Meyer, Thomas N., to Westinghouse Electric Corp. Hot injection ladle metallurgy. 4,541,866, 9-17-85, Cl. 75-53.000.
- Meyer, Thomas N.: *See—*
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  - Wolf, Charles B.; Meyer, Thomas N.; Fey, Maurice G.; and Heidrich, John E., 4,535,225, Cl. 219-383.000.
- Meyer, Timmy R.: *See—*
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- Meyer, Urs P. Mast for a sail. 4,501,214, 2-26-85, Cl. 114-39.000.
- Meyer, Walter: *See—*
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  - Kreisel, Rudolf; and Meyer, Walter, 4,537,640, Cl. 134-18.000.
- Meyer, Walter E.: *See—*
  - Tomcufcik, Andrew S.; Meyer, Walter E.; and Eudy, Nancy H., 4,499,097, Cl. 514-341.000.
  - Tomcufcik, Andrew S.; Meyer, Walter E.; and Tseng, Shin S., 4,562,189, Cl. 514-252.000.
- Meyer, Wayne A.: *See—*
  - Edwards, Merle L.; Meyer, Wayne A.; and Shook, James M., 4,522,019, Cl. 56-202.000.
- Meyer, Werner: *See—*
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- Meyer, Wilfred C.; and Jakubowski, James J., to Dow Chemical Company, The. Carrier particle for the froth flotation of fine ores. 4,523,991, 6-18-85, Cl. 209-166.000.
- Meyer, Wilhelm: *See—*
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- Meyer, William D. Game with triangular shaped playing elements. 4,550,915, 11-5-85, Cl. 273-272.000.
- Meyer, William R., to McGraw-Edison Company. Electrical apparatus having an improved liquid dielectric composition. 4,530,782, 7-23-85, Cl. 252-578.000.
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- Meyer, Willy; and Fory, Werner, to Ciba-Geigy Corporation. N-phenylsulfonyl-N'-triazinylureas. 4,537,619, 8-27-85, Cl. 71-93.000.
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  - Baumgartner, Louis; and Meylan, Philippe, 4,541,725, Cl. 368-37.000.
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- Michael, Ewald: *See—*
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- Michaels, John M.: *See—*
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  - Krinock, Jerome V., 4,516,269, Cl. 455-51.000.
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- Micro-Quartz Technology Corp.: *See—*
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- Micro Spray (Australia) Pty. Ltd.: *See—*
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  - Husain, Anwar, 4,544,311, Cl. 409-224.000.
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  - Kadi, Frank G., 4,540,240, Cl. 350-255.000.
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- Microsource, Inc.: *See—*
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- Microwave Associates, Inc.: *See—*
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- Microwave Ovens Limited: *See—*
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- Micso, Peter F., Jr.: *See—*
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- Mid-West Automation Inc.: *See—*
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- Midas International Corporation: *See—*
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- Middleton, Daryl J.; and Grenier, Jodyne I., to Ford Motor Company. Method of making an infrared reflective glass sheet-II. 4,548,836, 10-22-85, Cl. 427-160.000.
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- Middleton, James D., to Halliburton Company. Method of fracturing a subterranean formation. 4,518,040, 5-21-85, Cl. 166-307.000.
- Middleton, Jerry L.; and Bienick, Richard H., to Chrysler Corporation. Fuel tank inlet restrictor. 4,527,601, 7-9-85, Cl. 141-348.000.
- Middleton, Michael L.: *See—*
  - Elam, Edward U.; and Middleton, Michael L., 4,551,523, Cl. 536-119.000.
- Middleton, Thomas R., to GTE Automatic Electric Laboratories Incorporated. Method of friction welding a lamp feedthrough assembly. 4,542,843, 9-24-85, Cl. 228-112.000.
- Middleton, Thomas R.: *See—*
  - Ditchek, Brian M.; and Middleton, Thomas R., 4,537,323, Cl. 220-2.10R.
- Middleton, William J., to Du Pont de Nemours, E. I., and Company. Tris(disubstituted amino)sulfonium perfluorocarbanion salts. 4,535,184, 8-13-85, Cl. 564-102.000.
- Midgley, Charles A., to Polysar Limited. Adhesive polymer latex. 4,540,739, 9-10-85, Cl. 524-764.000.
- Midgley, Charles A.: *See—*
  - Peltier, Gerard; Longuet, Michel; and Midgley, Charles A., 4,500,591, Cl. 428-251.000.
- Midis S.a.s. di Francesco Bartolomucci: *See—*
  - Parma, Giovanni; and Bartolomucci, Francesco, 4,527,739, Cl. 239-186.000.
- Midit, Societe Fiduciaire: *See—*
  - Niebes, Paul J.; Matagne, Daniel M.; Hanon, Etienne P.; Roba, Joseph L.; and Lambelin, Georges E., 4,507,314, Cl. 514-456.000.
- Midland Gas Extractors, Inc.: *See—*
  - Stevenson, Charles K., 4,512,783, Cl. 55-160.000.
- Midland, Richard W.; and Rozansky, Boris, to Zenith Electronics Corporation. Index signal enhancement circuit. 4,527,192, 7-2-85, Cl. 358-67.000.
- Midland, Richard W., to Zenith Electronics Corporation. Transformerless switching circuit for driving a horizontal output transistor. 4,535,273, 8-13-85, Cl. 315-401.000.
- Midland, Richard W., to Zenith Electronics Corporation. Parabolic waveform generator. 4,560,910, 12-24-85, Cl. 315-382.000.
- Midland-Ross Corporation: *See—*
  - Flor, Joseph R.; Havens, Richard F.; and Panayoti, Peter, 4,542,947, Cl. 339-54.000.
  - Hoetzl, Max, 4,527,506, Cl. 118-63.000.
  - Hoetzl, Max, 4,548,052, Cl. 62-374.000.
  - Jumpeter, Alex, 4,499,668, Cl. 34-41.000.
  - Knecht, George W., 4,503,293, Cl. 200-50.00B.
  - Vanderhelst, Peter W., 4,493,040, Cl. 364-477.000.
  - Vereecke, Frank J., 4,547,150, Cl. 432-12.000.
- Midmark Corporation: *See—*
  - Leeper, Marvin A.; Turner, Richard L.; and Simpkins, Terry J., 4,516,805, Cl. 297-330.000.
- Midock, Gary E.: *See—*
  - Bukowski, James M.; Midock, Gary E.; and Walko, Ronald J., 4,550,380, Cl. 364-494.000.
- Midon Engineered Products, Inc.: *See—*
  - Mowat, Donald J.; and Doman, H. Michael, 4,534,438, Cl. 180-209.000.
- Midori-Anzen Industry Co., Ltd.: *See—*
  - Kimura, Kenzi; and Kanda, Hiroyuki, 4,527,140, Cl. 336-175.000.
  - Okoshi, Koichi; and Uematsu, Ryuichi, 4,532,724, Cl. 36-7.10R.
  - Ono, Kazumasa; and Okoshi, Koichi, 4,546,497, Cl. 2-243.00A.
- Midorikawa, Heihatiro: *See—*
  - Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.
- Midorikawa, Ichiro: *See—*
  - Hatano, Yoshinori; Wada, Kiyoshi; and Midorikawa, Ichiro, 4,553,090, Cl. 324-73.0AT.
- Midorikawa, Minoru, to Nissan Motor Company, Limited. Catalytic converter for treating engine exhaust gases. 4,495,153, 1-22-85, Cl. 422-171.000.
- Midorikawa, Minoru, to Nissan Motor Company, Limited. Intake air heating system for an internal combustion engine. 4,520,787, 6-4-85, Cl. 123-556.000.

- Midorikawa, Yoshio, to Toyo Polymer Co., Ltd.; and Kotobuki & Co., Ltd. Retractable capless marking pen. 4,540,300, 9-10-85, Cl. 401-107.000.
- Midou, Nobuo: *See—*
  - Asano, Etuo; Suzuki, Yasuro; and Midou, Nobuo, 4,492,884, Cl. 310-45.000.
- Midrex International BV Rotterdam, Zurich Branch: *See—*
  - Summers, Frank V.; Meissner, David C.; and Brown, Ronald, 4,553,742, Cl. 266-156.000.
- Midwest Acoust-A-Fiber: *See—*
  - Wolf, Jerry M.; and Holben, Wilbur D., 4,531,609, Cl. 181-290.000.
- Midwest-Acoust-A-Fiber, Inc.: *See—*
  - Wolf, Jerry M.; and Holben, Wilbur D., 4,496,024, Cl. 181-292.000.
- Midwest Automation, Inc.: *See—*
  - Rohrbach, Walter, 4,558,657, Cl. 118-70.000.
- Midwest Components, Inc.: *See—*
  - Bradley, Fennimore N., 4,509,029, Cl. 335-208.000.
- Midwest Fasteners Corp.: *See—*
  - DeVries, Henry L.; Roth, Myron A., Jr.; and Roth, William A., 4,502,741, Cl. 312-108.000.
- Midwest Irrigation and Foundation, Inc.: *See—*
  - Goines, Fredrick J.; and Reifsteck, David A., 4,534,143, Cl. 52-169.500.
- Midwestern Industries, Inc.: *See—*
  - Tsutsumi, Masataka; and Frohman, Richard J., 4,555,330, Cl. 209-254.000.
- Mieg, Christian: *See—*
  - Schwob, Pierre; and Mieg, Christian, 4,520,257, Cl. 219-250.000.
- Miehe, Friedrich V.: *See—*
  - Knoth, Norbert; and Miehe, Friedrich V., 4,541,053, Cl. 364-466.000.
- Miehe, Manfred: *See—*
  - Kamps, Rainer; Plewinsky, Bodo; Miehe, Manfred; and Wetz, Klaus, 4,557,718, Cl. 494-37.000.
- Miek, Wolfgang: *See—*
  - Stebegg, Josef; and Miek, Wolfgang, 4,552,987, Cl. 174-52.00R.
- Miele, Heinrich: *See—*
  - Tonnius, Dietrich; Weiss, Wolfgang; Orth, Winfried; Miele, Heinrich; and Pastorek, Emmerich, 4,510,090, Cl. 260-396.00R.
- Mielenz, Jonathan R.; and Mickel, Susan, to CPC International Inc. Process for cloning the gene coding for a thermostable alpha-amylase into *Escherichia coli* and *Bacillus subtilis*. 4,493,893, 1-15-85, Cl. 435-172.300.
- Mielke, Siegfried, to Karl Schmidt GmbH. Piston and process of providing wear-resisting surfaces in the ring grooves of an aluminum alloy combustion engine piston. 4,562,327, 12-31-85, Cl. 219-76.110.
- Mielke, Siegfried: *See—*
  - Sander, Wilfried; and Mielke, Siegfried, 4,495,684, Cl. 29-156.50R.
- Mielnik, Thaddeus J., Jr.; and Wolff, Robert A., to American Sterilizer Company. Apparatus for constraining a human limb. 4,526,165, 7-2-85, Cl. 128-133.000.
- Mieno, Eiichirou: *See—*
  - Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.
- Mieno, Toshiyuki: *See—*
  - Hasegawa, Shumpei; Koumura, Takashi; and Mieno, Toshiyuki, 4,491,108, Cl. 123-339.000.
- Mientek, Anthony P., to United States of America, Energy. Fuel cell separator with compressible sealing flanges. 4,514,475, 4-30-85, Cl. 429-35.000.
- Miep Holdings Inc.: *See—*
  - deWalle, Stewart; and deWalle, Richard T., 4,547,962, Cl. 29-606.000.
- Mier, Marjory A., to Mobil Oil Corporation. Container having heat sealed juncture region. 4,533,577, 8-6-85, Cl. 428-35.000.
- Mierke, Charles H.: *See—*
  - Long, Noel V.; and Mierke, Charles H., 4,520,430, Cl. 361-433.000.
- Mierzwa, Dietmar, to Andreas Stihl. Cap for a tank. 4,524,881, 6-25-85, Cl. 220-374.000.
- Mieschke, Norbert: *See—*
  - Barnicol-Ottler, Max; Loczenski, Martin; Mieschke, Norbert; Ott, Gerhard; Przybylski, Gerhard; and Weber, Dietmar, 4,538,022, Cl. 174-113.00R.
- Miesel, John L., to Eli Lilly and Company. 1-benzoyl-3-(arylpyridyl-)urea compounds. 4,508,722, 4-2-85, Cl. 514-353.000.
- Miesterfeld, Frederick O. R.: *See—*
  - Hormel, Ronald F.; and Miesterfeld, Frederick O. R., 4,550,261, Cl. 307-118.000.
- Miettaux, Marc: *See—*
  - Jourde, Jean-Pierre; Cmapo-Garraza, Pedro; Miettaux, Marc; and Michaux, Thierry, 4,545,352, Cl. 123-447.000.
- Miettinen, Jorma K.; and Virtanen, Eero J., to Makrotalo Oy. Method of manufacturing rigid frame building elements filled with hard foam plastic. 4,518,550, 5-21-85, Cl. 264-46.500.
- Miettunen, Aulis O., to Oy Partek Ab. Method for making concrete weather-resistant. 4,546,132, 10-8-85, Cl. 524-8.000.
- Mietzel, Dennis O., to Hughes Company, Inc. Pod vegetable processing machine with pod deflecting device. 4,528,902, 7-16-85, Cl. 99-636.000.
- Mieyal, David F., to Donn Incorporated. Delineated ceiling grid in suspended ceiling. 4,505,083, 3-19-85, Cl. 52-476.000.
- Mieyal, David F.; and Reynard, Peter, to Donn Incorporated. Wall panel system providing resilient joints. 4,546,584, 10-15-85, Cl. 52-281.000.
- Mifalei Matechet Naan: *See—*
  - Uzrad, Mordechay, 4,512,519, Cl. 239-381.000.
- Mifsud, Amparo C.: *See—*
  - Corma, Avelino C.; Mifsud, Amparo C.; and Perez, Joaquin P., 4,542,002, Cl. 423-331.000.
- Mifsud, Joseph F., to Exxon Production Research Co. Tunable marine seismic source. 4,557,348, 12-10-85, Cl. 181-120.000.
- Mifune, Hiroyuki: *See—*
  - Akimura, Yoshitaka; Mifune, Hiroyuki; and Nakamura, Koki, 4,520,099, Cl. 430-613.000.
  - Inoue, Nobuaki; Mifune, Hiroyuki; and Nakamura, Koki, 4,539,291, Cl. 430-597.000.
  - Ishiguro, Shoji; Mifune, Hiroyuki; Fuseya, Yoshiharu; and Kojima, Tetsuro, 4,528,264, Cl. 430-609.000.
  - Sugimoto, Tadao; Ikeda, Hideo; Mifune, Hiroyuki; and Nakamura, Koki, 4,521,508, Cl. 430-567.000.
- Mifune, Takao: *See—*
  - Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.
- Migaki, Fumihiko: *See—*
  - Tao, Muneo; and Migaki, Fumihiko, 4,519,775, Cl. 431-344.000.
- Miggels, Stephen G.: *See—*
  - Kuhn, Lowell L.; and Miggels, Stephen G., 4,503,749, Cl. 98-2.110.
- Miggins, Michael R., to Interpace Corporation. Hybrid electrical insulator bushing. 4,500,745, 2-19-85, Cl. 174-31.00R.
- Mighty-Mac, Inc.: *See—*
  - Bell, Richard S., 4,497,071, Cl. 2-94.000.
- Migliacci, Antonio; Bono, Giancarlo; and Tognoli, Piero, to Industria Prefabbricati Affini I.P.A. S.p.A. Process and apparatus for precasting prestressed-concrete workpieces. 4,526,739, 7-2-85, Cl. 264-228.000.
- Migliarese-Caputi, Jean-Louis: *See—*
  - Quin, Rene ; Wiet, Paul; and Migliarese-Caputi, Jean-Louis, 4,561,248, Cl. 60-413.000.
  - Quin, Rene A.; Wiet, Paul; and Migliarese-Caputi, Jean-Louis, 4,506,863, Cl. 251-149.900.
- Migliavacca, Enrico, to Snam S.p.A. Adjustable apparatus for supporting an underwater pipe laid at great depth over a depression in the sea bed. 4,494,893, 1-22-85, Cl. 405-172.000.
- Migliorato, Piero: *See—*
  - Dean, Anthony B.; Farrow, Robin F. C.; Migliorato, Piero; White, Anthony M.; and Williams, Gerald M., 4,494,133, Cl. 357-30.000.
- Migliori, Albert; and Swift, Gregory W., to United States of America, Energy. Feedback regulated induction heater for a flowing fluid. 4,560,849, 12-24-85, Cl. 219-10.510.
- Migliori, Albert: *See—*
  - Swift, Gregory W.; Migliori, Albert; and Wheatley, John C., 4,516,632, Cl. 165-167.000.
  - Wheatley, John C.; Swift, Gregory W.; and Migliori, Albert, 4,538,464, Cl. 73-646.000.
- Mignani, Gerard; and Morel, Didier, to Rhone-Poulenc Sante. Tetraene, its preparation and its use. 4,543,433, 9-24-85, Cl. 585-16.000.
- Mignien, Georges, to Les Cables de Lyon. Connection joining the ends of two under-water optical fiber cables and a method of manufacturing same. 4,545,645, 10-8-85, Cl. 350-96.210.
- Mignon-Media GmbH: *See—*
  - Murjahn, Waldemar, 4,560,251, Cl. 350-283.000.
- Migowski, Gunter. Toy with parachute. 4,543,072, 9-24-85, Cl. 446-54.000.
- MIGUA Hammerschmidt GmbH: *See—*
  - Schukolinski, Manfred, 4,504,170, Cl. 404-55.000.
- Miguel, Marvin E., to J. A. Freeman & Son, Inc. Self-propelled agricultural vehicle for picking up and transporting large bales of hay. 4,534,691, 8-13-85, Cl. 414-38.000.
- Mihadak, Istvan: *See—*
  - Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.
- Mihalakis, Agis I., deceased; and by Friend, Barbara L., legal representative, to McGeehon, William C.; and Mihalakis, George, a part interest. Means and method of controlling reflected image containment. 4,498,734, 2-12-85, Cl. 350-125.000.
- Mihalakis, George: *See—*
  - Mihalakis, Agis I., deceased; and Friend, Barbara L., legal representative, 4,498,734, Cl. 350-125.000.
- Mihalik, John A.: *See—*
  - Wong, Carl Y.; Khan, Mir N.; and Mihalik, John A., 4,545,997, Cl. 426-94.000.
- Mihaly, Frantisek: *See—*
  - Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.
- Mihara, Kuniyuki: *See—*
  - Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, 4,536,993, Cl. 51-165.800.
- Mihara, Nobuaki, to Noritsu Kenkyu Center Co. Ltd. Apparatus for treating disc films. 4,502,772, 3-5-85, Cl. 354-312.000.
- Mihara, Osamu. Construction of hull of vessel such as tanker. 4,543,902, 10-1-85, Cl. 114-74.00R.
- Mihara, Shin-ichi, to Olympus Optical Co., Ltd. Large-aperture ratio telephoto lens system. 4,527,868, 7-9-85, Cl. 350-454.000.
- Mihara, Shin-ichi, to Olympus Optical Co., Ltd. Large relative aperture telephoto lens system. 4,534,626, 8-13-85, Cl. 350-454.000.

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Mihara, Shin-ichi: *See—*
Nakahashi, Ken-ichi; and Mihara, Shin-ichi. 4,516,840, Cl. 350-515.000.
Mihara, Takao: *See—*
Murakami, Shinichi; and Mihara, Takao, 4,560,931, Cl. 324-220.000.
Mihara, Toshihiro; Kusuda, Takao; Noma, Koichi; and Taki, Hiromitsu, to Matsushita Electric Industrial Co., Ltd. Ceramic burner plate. 4,504,218, 3-12-85, Cl. 431-326.000.
Mihara, Yozo: *See—*
Kai, Isao; Ichikawa, Sumiaki; and Mihara, Yozo, 4,532,271, Cl. 523-208.000.
Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials. 4,493,889, 1-15-85, Cl. 430-572.000.
Mihara, Yuji; and Gamo, Ryoji, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic integrating meter. 4,532,600, 7-30-85, Cl. 364-565.000.
Mihara, Yuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Flow quantity measuring apparatus. 4,534,046, 8-6-85, Cl. 377-21.000.
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Mihara, Yuji: *See—*
Noguchi, Yasuhiro; and Mihara, Yuji, 4,518,689, Cl. 430-574.000.
Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, 4,513,081, Cl. 430-550.000.
Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; and Ukai, Toshinao, 4,552,837, Cl. 430-550.000.
Toya, Ichizo; Mihara, Yuji; and Takei, Haruo, 4,552,828, Cl. 430-217.000.
Yagihara, Morio; Ikegawa, Akihiko; Ono, Mitsunori; and Mihara, Yuji, 4,518,685, Cl. 430-505.000.
Mihayashi, Keiji; Takada, Shunji; and Kobayashi, Hidetoshi, to Fuji Photo Film Co., Ltd. Color photographic material comprising silver halide light-sensitive and non light-sensitive layers. 4,526,863, 7-2-85, Cl. 430-505.000.
Mihayashi, Keiji: *See—*
Ichijima, Seiji; Mihayashi, Keiji; and Itoh, Isamu, 4,522,917, Cl. 430-564.000.
Ono, Mitsunori; Itoh, Isamu; Mihayashi, Keiji; and Karino, Yukio, 4,500,636, Cl. 430-566.000.
Saito, Tsutomu; and Mihayashi, Keiji, 4,539,289, Cl. 430-506.000.
Mihelc, William P.: *See—*
Citron, Stephen J.; and Mihelc, William P., 4,532,592, Cl. 364-431.050.
Mihelich, Edward D., to Procter & Gamble Company, The. Novel prostaglandin analogues and process for making same. 4,496,759, 1-29-85, Cl. 562-503.000.
Mihelich, Peter, to Grumman Aerospace Corporation. Wire coil production system. 4,540,029, 9-10-85, Cl. 140-92.200.
Mihm, Gerhard: *See—*
Engel, Wolfhard; Trummlitz, Gunter; Eberlein, Wolfgang; Mihm, Gerhard; Schmidt, Gunther; Hammer, Rudolf; and Giachetti, Antonio, 4,550,107, Cl. 514-220.000.
Mihojevich, Steven, to Continental Industries, Inc. Latch and lock assembly. 4,545,225, 10-8-85, Cl. 70-71.000.
Mihovch, John: *See—*
Brauch, Robert B.; and Mihovch, John, 4,553,491, Cl. 112-465.000.
Mihovski, Mitko M.: *See—*
Marinov, Mihail T.; Petkanchin, Lyubomir T.; Pushev, Georgi I.; Kostov, Georgi T.; Mihovski, Mitko M.; and Manolova, Valentina A., 4,545,252, Cl. 73-633.000.
Miida, Hiroshi: *See—*
Chiba, Ko; Wada, Yoshiaki; Miida, Hiroshi; and Ono, Sumio, 4,542,907, Cl. 277-140.000.
Miida, Masao: *See—*
Shigenobu, Hiromichi; Nakabayashi, Takao; Akiyama, Kitio; Miida, Masao; and Karasawa, Hisashi, 4,506,596, Cl. 99-289.00T.
Miiller, William C.: *See—*
Ekdahl, Wendell G.; Chaudhuri, Asit R.; and Miiller, William C., 4,555,492, Cl. 501-38.000.
Ekdahl, Wendell G.; Chaudhuri, Asit R.; and Miiller, William C., 4,558,015, Cl. 501-38.000.
Miisho, Kazuyuki: *See—*
Hara, Seinosuke; Aoyama, Shunichi; and Miisho, Kazuyuki, 4,498,432, Cl. 123-90.160.
Hara, Seinosuke; and Miisho, Kazuyuki, 4,503,818, Cl. 123-90.160.
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Hara, Seinosuke; Miisho, Kazuyuki; Matsumoto, Yasuo; and Yoshikawa, Yasuo, 4,539,951, Cl. 123-90.170.
Nagumo, Shinichi; Ofuji, Hiromichi; and Miisho, Kazuyuki, 4,509,481, Cl. 123-407.000.
Mikami, Eiji: *See—*
Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.
Mikami, Keigo: *See—*
Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.
Mikami, Nobuo: *See—*
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Mikami, Ryuzo; and Saruyama, Toshio, to Toray Silicone Company, Ltd. Room temperature-curable polyorganosiloxane composition whose cured products resist soiling. 4,552,919, 11-12-85, Cl. 524-860.000.
Mikami, Ryuzo: *See—*
Saruyama, Toshio; and Mikami, Ryuzo, 4,555,560, Cl. 528-17.000.
Mikami, Senji: *See—*
Itamoto, Shigeru; Yasuda, Kenji; and Mikami, Senji, 4,541,717, Cl. 356-244.000.
Mikami, Takeshi: *See—*
Kakimi, Fujio; and Mikami, Takeshi, 4,520,091, Cl. 430-110.000.
Mikami, Tomoki: *See—*
Yaguchi, Masachika; Mikami, Tomoki; and Hase, Takashi, 4,551,397, Cl. 428-691.000.
Mikami, Yoshiharu, to Kabushiki Kaisha Ishida Koki Seisakusho. Hopper door opening mechanism for automatic weighing apparatus. 4,520,884, 6-4-85, Cl. 177-58.000.
Mikami, Yoshiharu, to Kabushiki Kaisha Ishida Koki Seisakusho. Hopper door actuating apparatus for an automatic weighing apparatus. 4,544,042, 10-1-85, Cl. 177-25.000.
Mikami, Yoshiharu, to Kabushiki Kaisha Ishida Koki Seisakusho. Distribution table for controlling feed rate of articles supplied in automatic weighing apparatus. 4,552,236, 11-12-85, Cl. 177-25.000.
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Izumi, Asashiro; Mikami, Yoshiharu; and Yamada, Seiji, 4,535,855, Cl. 177-1.000.
Izumi, Asashiro; and Mikami, Yoshiharu, 4,545,630, Cl. 312-285.000.
Mikami, Yukio: *See—*
Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita, Hideo; and Aoki, Yoshiaki, 4,504,433, Cl. 264-232.000.
Mikata, Hiromi: *See—*
Onishi, Toshiya; Oshima, Susumu; Mikata, Hiromi; Nakata, Haruo; and Horiuchi, Masami, 4,545,428, Cl. 165-110.000.
Mikata, Yoshitaka: *See—*
Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, 4,561,509, Cl. 177-25.000.
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Mikeska, Felix, to Jean Walterscheid GmbH. Guard for a drive shaft. 4,496,334, 1-29-85, Cl. 464-175.000.
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Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.
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Miki, Isao; and Kawai, Toshiyuki, to Nippon Light Metal Company Ltd. Method for producing profiled product having fins. 4,520,541, 6-4-85, Cl. 29-156.8CF.
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Miki, Kazuyuki: *See—*
Igarashi, Kazumasa; Yamaguchi, Katsuhiko; Iko, Kazuo; and Miki, Kazuyuki, 4,520,075, Cl. 428-435.000.
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Yamaguti, Terushige; Miki, Toshinori; Mannaka, Toshio; Koyama, Hiroshi; and Kawano, Yukihiro, 4,545,228, Cl. 72-16.000.
Miki, Toshio; Toda, Yoshihide; and Horii, Kenichi, to Koyo Seiko Company Limited. Mounting device for antifriction bearing. 4,522,515, 6-11-85, Cl. 384-571.000.

- Miki, Toshio: *See—*
  - Nakamura, Norihiko; Baika, Toyokazu; Miki, Toshio; and Kohigashi, Minoru, 4,494,495, Cl. 123-90.150.
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- Miki, Yasuhiko, to Sony/Tektronix Corporation. Diagnostic apparatus for digital-to-analog converters. 4,538,266, 8-27-85, Cl. 371-15.000.
- Miki, Yasuhiro: *See—*
  - Yasui, Hideo; and Miki, Yasuhiro, 4,539,396, Cl. 528-481.000.
- Miki, Yukio; and Egawa, Takeshi, to Minolta Camera Kabushiki Kaisha. Mounting device of optical unit. 4,492,429, 1-8-85, Cl. 350-257.000.
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- Miki, Yukio: *See—*
  - Ando, Makoto; and Miki, Yukio, 4,493,534, Cl. 350-429.000.
  - Ando, Makoto; Metabi, Tsuneyo; Miki, Yukio; and Egawa, Takeshi, 4,553,817, Cl. 350-255.000.
- Miki, Yutaka; Kuroda, Masayuki; and Omori, Tetsumi, to NTN Toyo Bearing Company, Limited. Drive-axle bearing device for automobiles. 4,504,099, 3-12-85, Cl. 384-543.000.
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- Mikic, Frank; and Pagac, William T., to Snap-on Tools Corporation. Housing holder and cooperating detachable housing. 4,522,310, 6-11-85, Cl. 220-4.00R.
- Mikic, Frank: *See—*
  - Herman, Timm R.; and Mikic, Frank, 4,508,005, Cl. 81-177.00G.
- Mikita, Muneharu; Tanioku, Shozo; and Touda, Takayasu, to American Colloid Company. Process for preparing dry solid water absorbing polyacrylate resin. 4,552,938, 11-12-85, Cl. 526-240.000.
- Mikiya, Toshio, to Nitto Kohki Co., Ltd. Pipe coupler arrangement. 4,498,658, 2-12-85, Cl. 251-149.600.
- Mikiya, Toshio: *See—*
  - Matsumura, Mitsuma; Mogaki, Tadahisa; and Mikiya, Toshio, 4,551,874, Cl. 5-453.000.
  - Shoji, Michihiro; and Mikiya, Toshio, 4,559,577, Cl. 361-31.000.
  - Takeuchi, Hirosato; and Mikiya, Toshio, 4,508,104, Cl. 126-443.000.
- Mikkelsen, Alan R.: *See—*
  - Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., 4,507,470, Cl. 528-499.000.
  - Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., 4,529,794, Cl. 528-499.000.
- Mikkelsen, Eric: *See—*
  - Falcoff, Allan F.; Mikkelsen, Eric; and Rodrigues, Allan B. J., 4,511,251, Cl. 356-246.000.
- Mikkelsen, Jan; and Sorlie, Kjell, to Towmotor Corporation. Adjustable mounting arrangement for a rotatable guide member. 4,491,195, 1-1-85, Cl. 187-9.00R.
- Mikkor, Mati, to Ford Motor Company. Method of preparing an article which is resistant to corrosive attack by molten polysulfide salts. 4,497,882, 2-5-85, Cl. 429-163.000.
- Miklos, Richard L., to Minnesota Mining and Manufacturing Company. Magnetic disk jacket and forming process. 4,562,504, 12-31-85, Cl. 360-133.000.
- Miknyocki, Ronald J.; and Lambert, William A. Token or card dispenser. 4,541,547, 9-17-85, Cl. 221-260.000.
- Mikoda, Masanari: *See—*
  - Yamamoto, Ryoichi; Matsuo, Yoshihiro; Mikoda, Masanari; and Asada, Yoshihiro, 4,529,638, Cl. 428-69.000.
- Mikoda, Tamio: *See—*
  - Yamada, Yasuyuki; Nishizawa, Tsutomu; Mikoda, Tamio; Miyahara, Tooru; and Kikutsugi, Masaharu, 4,552,684, Cl. 252-299.100.
- Mikogami, Yukihiro: *See—*
  - Ueno, Mitsushi; Shirogami, Tamotsu; and Mikogami, Yukihiro, 4,555,324, Cl. 204-284.000.
- Mikola, James A., to Ford Motor Company. Replaceable lamp assembly for a sealable reflector housing. 4,500,946, 2-19-85, Cl. 362-226.000.
- Mikola, James A., to Ford Motor Company. Replaceable lamp assembly and locking mechanism for a sealable reflector housing. 4,513,356, 4-23-85, Cl. 362-226.000.
- Mikoshiba, Nobuo; Tsubouchi, Kazuo; and Sugai, Kazuyoshi, to Mikoshiba, Nobuo; and Tsubouchi, Kazuo. Surface acoustic wave device using an elastic substrate and an aluminum nitride piezoelectric film. 4,511,816, 4-16-85, Cl. 310-313.00A.
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- Mikron Instrument Company, Inc.: *See—*
  - Irani, Keikhosrow; and MacBurney, Michael G., 4,527,896, Cl. 356-43.000.
- Mikropul Corporation: *See—*
  - Duyckinck, Robert W., 4,523,990, Cl. 209-138.000.
- Mikroyannidis, John A., to United States of America, National Aeronautics and Space Administration. Fire-resistant phosphorus containing polyimides and copolyimides. 4,536,565, 8-20-85, Cl. 528-352.000.
- Miksitz, Frank J., to UFI Engineering & Manufacturing Co., Inc. Mechanical construction arrangement for rotary plow feeder. 4,506,811, 3-26-85, Cl. 222-411.000.
- Miksza, Anthony, Jr., to Ethicon, Inc. Two-piece tissue fastener with non-reentry bent leg staple and retaining receiver. 4,532,927, 8-6-85, Cl. 128-334.00C.
- Mikulas, Martin M., Jr.; and Crawford, Robert F., to United States of America, National Aeronautics and Space Administration. Sequentially deployable maneuverable tetrahedral beam. 4,557,097, 12-10-85, Cl. 52-646.000.
- Mikulecky, Harvey W., to RTE Corporation. Trip assembly for a circuit breaker. 4,550,298, 10-29-85, Cl. 335-35.000.
- Mikulski, Walter J. Visual communication device. 4,503,426, 3-5-85, Cl. 340-711.000.
- Mikumo, Masatoshi: *See—*
  - Asami, Masahiro; Okitsu, Kiyoshi; Okumura, Yoshiaki; Namikoshi, Hajime; Mikumo, Masatoshi; and Watanabe, Shoji, 4,529,788, Cl. 527-300.000.
  - Toba, Hirotaka; Mikumo, Masatoshi; and Asami, Masahiro, 4,521,565, Cl. 525-64.000.
- Mikuni Kogyo Co., Ltd.: *See—*
  - Ishida, Takashi; Shimizu, Kenshi; and Kamiyama, Shuichi, 4,548,176, Cl. 123-342.000.
  - Tominari, Noboru, 4,516,184, Cl. 361-152.000.
- Mikuni Kogyo Kabushiki Kaisha: *See—*
  - Kamiyama, Shuichi, 4,549,517, Cl. 123-478.000.
  - Sagues, Paul; and Sagues, Peter, 4,557,225, Cl. 123-41.310.
  - Sakurai, Shigeo, 4,523,138, Cl. 318-685.000.
  - Seto, Toshiaki; Yamamoto, Hideo; and Kobayashi, Yoshiji, 4,559,185, Cl. 261-41.00D.
  - Tominari, Noboru; and Ishida, Takashi, 4,524,745, Cl. 123-478.000.
- Mikuriya, Minoru: *See—*
  - Kawai, Koichi; and Mikuriya, Minoru, 4,540,104, Cl. 220-224.000.
- Mikusch, Gerald; and Munch, Werner, to L. Schuler GmbH. Press unit having gripper rails to be exchanged at the same time as the tools. 4,557,133, 12-10-85, Cl. 72-405.000.
- Mikuteit, Axel, to Koh-I-Noor Rapidograph, Inc. Writing instrument with sealing cap. 4,558,966, 12-17-85, Cl. 401-213.000.
- Mikuteit, Axel: *See—*
  - Hojer, Anke; Bockmann, Jurgen; Hofmann, Harald; Mikuteit, Axel; Ritter, Hans-Joachim; and Tenhagen, Rolf, 4,548,325, Cl. 211-69.500.
- Mikyska, Glenn E.: *See—*
  - Stanley, William W.; and Mikyska, Glenn E., 4,543,493, Cl. 307-126.000.
- Miladinovic, Milorad, to Lindsay Specialty Products Limited. Parabolic reflector formed of connectable half-sections. 4,527,167, 7-2-85, Cl. 343-840.000.
- Milam, David W. Mine ventilation line curtain extender. 4,542,681, 9-24-85, Cl. 98-50.000.
- Milanesi, Gabriele: *See—*
  - Ricciardi, Robert P.; Barbanti-Brodano, Giuseppe; and Milanesi, Gabriele, 4,562,155, Cl. 435-172.300.
- Milani, Francesco, to Milani Resine S.p.A. Apparatus for sizing extruded plastics sections. 4,530,650, 7-23-85, Cl. 425-71.000.
- Milani, John C.: *See—*
  - Eastridge, Victor R.; and Milani, John C., 4,516,587, Cl. 131-256.000.
- Milani Resine S.p.A.: *See—*
  - Milani, Francesco, 4,530,650, Cl. 425-71.000.
- Milano, Mario: *See—*
  - Credali, Lino; Parrini, Paolo; Milano, Mario; and Lori, Domenico, 4,560,429, Cl. 156-208.000.
- Milano, Raymond A., to Rockwell International Corporation. Multilayer modulation doped heterostructure charge coupled device. 4,550,331, 10-29-85, Cl. 357-24.000.
- Milau, Julius S.: *See—*
  - Krishna, Coimbatore R.; and Milau, Julius S., 4,511,474, Cl. 210-512.100.
- Milavec, Johann: *See—*
  - Furrer, Andreas; and Milavec, Johann, 4,510,457, Cl. 330-10.000.
- Milberger, Ernest C.: *See—*
  - Blum, Patricia R.; Milberger, Ernest C.; and Nicholas, Mark L., 4,518,523, Cl. 502-209.000.
  - Bremer, Noel J.; Dria, Dennis E.; Milberger, Ernest C.; Blum, Patricia R.; and Nicholas, Mark L., 4,525,471, Cl. 502-209.000.
- Milberger, Lionel J.; and Bridges, Charles D., to Vetco Offshore, Inc. Mudline casing hanger assembly. 4,509,594, 4-9-85, Cl. 166-208.000.
- Milberger, Lionel J., to FMC Corporation. Matrix switching control of subsea production systems. 4,519,263, 5-28-85, Cl. 74-128.000.
- Milberger, Lionel J.; Martin, Jimmy R.; and Mataway, Thomas P., to Combustion Engineering, Inc. Mudline casing hanger assembly. 4,534,583, 8-13-85, Cl. 285-24.000.
- Milberger, Lionel J.: *See—*
  - Hurta, Gary L.; Milberger, Lionel J.; and Williams, Alford M., 4,497,369, Cl. 166-368.000.
- Milbrandt, Thomas N.: *See—*
  - Cruise, Thomas W.; and Milbrandt, Thomas N., 4,538,868, Cl. 339-34.000.
- Milbright, Arnold M.: *See—*
  - Randle, Ronald E.; and Milbright, Arnold M., 4,509,303, Cl. 52-98.000.
- Milc, Thomas A., to Mitel Corporation. Printed circuit board lock. 4,521,063, 6-4-85, Cl. 339-17.0LM.
- Milcamps, Jacques, to C.G.R. - Mev. Block for partially limiting a radiation beam, and a collimator comprising such blocks. 4,534,052, 8-6-85, Cl. 378-152.000.
- Milch, Robert A.; Guerry-Kopecko, Patricia; Koeble-Smith, Carol; and Sybert, Edward M., to IGI Biotechnology, Inc. Preparation of high

fructose syrups from citrus residues. 4,547,226, 10-15-85, Cl. 127-41.000.
Milch, Robert A.: *See—*
  Keggins, Kathleen M.; Davis, Ann C.; Sybert, Edward M.; Mays, Thomas D.; and Milch, Robert A., 4,544,637, Cl. 435-253.000.
  McCandliss, Russell J.; Eastwood, Barbara J.; and Milch, Robert A., 4,536,207, Cl. 71-88.000.
Milchem Incorporated: *See—*
  Lucas, James M., 4,547,299, Cl. 252-8.50C.
Milcz, Wilhelm: *See—*
  Morz, Gunther; and Milcz, Wilhelm, 4,498,061, Cl. 333-21.00A.
Milczarek, Richard J.: *See—*
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Mildenberger, Hilmar: *See—*
  Ehrhardt, Heinz; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, 4,495,191, Cl. 514-383.000.
  Hertenstein, Ulrich; Mildenberger, Hilmar; Sachse, Burkhard; and Hartz, Peter, 4,536,509, Cl. 514-383.000.
  Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, 4,492,598, Cl. 71-93.000.
Mildrex International, B.V.: *See—*
  Sanzenbacher, Charles W., 4,536,213, Cl. 75-91.000.
Milei GmbH: *See—*
  Grzinia, Michael, 4,514,432, Cl. 426-656.000.
Miles, Anthony: *See—*
  Crick, Neil; and Miles, Anthony, 4,528,602, Cl. 360-66.000.
Miles, Bernard. Sheet holder for food dispenser. 4,524,558, 6-25-85, Cl. 53-157.000.
Miles, Betty J. Fluid administration splint. 4,505,270, 3-19-85, Cl. 128-88.000.
Miles, Caesar J. Limit means for air jet responsive gyroscopes. 4,553,440, 11-19-85, Cl. 74-5.430.
Miles, Clive, to Thoratec Laboratories Corporation. Anticoagulant delivery system for use with an auto-transfusion system. 4,540,406, 9-10-85, Cl. 604-269.000.
Miles, Clive; and Schneiderman, Gary, to Thoratec Laboratories Corporation. Autotransfusion system with anticoagulant delivery system. 4,551,131, 11-5-85, Cl. 604-31.000.
Miles, Earl F., Jr., to Indy Lighting, Inc. Dual voltage lighting fixture. 4,518,896, 5-21-85, Cl. 315-162.000.
Miles, Frank, to Tektronix, Inc. Oscilloscope trigger circuit combining wideband trigger signal amplification and trigger coupling mode selection. 4,517,523, 5-14-85, Cl. 330-126.000.
Miles, Frank, to Tektronix, Inc. Programmable attenuator. 4,523,161, 6-11-85, Cl. 333-81.00R.
Miles Laboratories, Inc.: *See—*
  Adams, Ernest C., 4,542,103, Cl. 436-534.000.
  Bauer, Robert, 4,523,852, Cl. 356-421.000.
  Benovic, Jeffrey L.; Buckler, Robert T.; Burd, John F.; and Li, Thomas M., 4,533,493, Cl. 260-112.00B.
  Boger, David L.; Pugh, Jerry T.; and Zuidema, Jack, 4,518,565, Cl. 422-58.000.
  Boger, David L.; Johnson, Leighton C.; and Pugh, Jerry T., 4,526,753, Cl. 422-56.000.
  Boguslaski, Robert C.; Carrico, Robert J.; and Christner, James E., 4,492,751, Cl. 435-7.000.
  Bouwman, Dale W.; and Clayborn, Harold K., 4,551,306, Cl. 422-56.000.
  Brown, Karen K.; and Stewart, Richard C., 4,500,513, Cl. 424-89.000.
  Brown, Karen K.; and Bryant, Sharon A., 4,529,581, Cl. 424-9.000.
  Brown, Karen K.; and Bryant, Sharon A., 4,529,582, Cl. 424-9.000.
  Buckler, Robert T.; and Ward, Frederick E., 4,495,281, Cl. 435-7.000.
  Buckler, Robert T.; and Hatch, Robert P., 4,558,130, Cl. 546-66.000.
  Charlton, Steven C.; Fleming, Roger L.; and Lau, Authur L. Y., 4,540,520, Cl. 260-396.00N.
  Chen, Shuenn-tzong, 4,543,338, Cl. 436-170.000.
  Clemens, A. H.; and Hough, David L., 4,5[illegible]568, Cl. 604-4.000.
  Corey, Paul F.; and Kluender, Harold C., 4,543,421, Cl. 560-106.000.
  Gantzer, Mary Lou, 4,556,640, Cl. 436-66.000.
  Greene, Carmine M., 4,517,301, Cl. 436-14.000.
  Hemmes, Paul R., 4,558,589, Cl. 73-64.100.
  Jao, Yun C.; and Good, Ivan C., 4,543,332, Cl. 435-180.000.
  Johnson, Leighton C.; and King, James S., Jr., 4,539,182, Cl. 422-99.000.
  Johnson, Leighton C., deceased, 4,509,941, Cl. 494-45.000.
  Kim, Chong Y.; Farver, Terry F.; and Brewer, Jack W., 4,508,825, Cl. 435-201.000.
  Kuhlemann, Bruce N.; Horvath, Kalman; and Wharff, Prentice C., 4,530,697, Cl. 604-263.000.
  Kung, Wei-jen; and Vogelhut, Paul O., 4,560,534, Cl. 422-68.000.
  Lembach, Kenneth J., 4,534,972, Cl. 424-86.000.
  Lewis, Dan, Jr., 4,553,970, Cl. 604-408.000.
  Mitra, Gautam, 4,496,689, Cl. 525-54.100.
  Mitra, Gautam; and Ng, Paul K., 4,543,210, Cl. 260-112.00B.
  Morris, David L., 4,493,890, Cl. 435-7.000.
  Schmidt, Thomas R., 4,548,822, Cl. 426-96.000.
  Shetty, Jayarama K.; and Marshall, James J., 4,532,213, Cl. 435-225.000.
  Siddigi, M. Sultan, 4,532,107, Cl. 422-56.000.
  Skjold, A. Christopher; Stover, Lonnie R.; and Trimmer, Robert W., 4,499,185, Cl. 435-19.000.
  Sommer, Ronald G.; and Greenquist, Alfred C., 4,543,335, Cl. 436-69.000.
  Sommer, Ronald G., 4,562,148, Cl. 435-7.000.
  Trimmer, Robert W.; and White, William I., 4,529,704, Cl. 436-14.000.
  Tyhach, Richard J., 4,524,133, Cl. 435-14.000.
  Wang, Joseph Y., 4,532,216, Cl. 436-2.000.
  White, James A., 4,543,558, Cl. 340-347.0AD.
  Whitted, Beth E.; and Boguslawski, George, 4,510,247, Cl. 435-207.000.
  Wogoman, Frank, 4,526,445, Cl. 350-534.000.
  Yip, Kin F.; and Charlton, Steven C., 4,552,697, Cl. 260-396.00N.
Miles, Lee W.; Chambers, Samuel W.; and Rice, Mathias F., to Morrison-Knudsen Co., Inc. Rip-rap laying machine and method of laying rip-rap. 4,493,586, 1-15-85, Cl. 405-17.000.
Miles, Malcolm G.: *See—*
  Wilson, James D.; and Miles, Malcolm G., 4,530,789, Cl. 260-239.00R.
Miles, Mary A. P.: *See—*
  Miles, Perry E.; and Miles, Mary A. P., 4,553,513, Cl. 123-204.000.
Miles, Melvin H.: *See—*
  McManis, George E., III; Miles, Melvin H.; and Fletcher, Aaron N., 4,528,253, Cl. 429-112.000.
  McManis, George E., III; Fletcher, Aaron N.; and Miles, Melvin H., 4,535,037, Cl. 429-103.000.
Miles, Perry E.; and Miles, Mary A. P. Thermodynamic rotary engine. 4,553,513, 11-19-85, Cl. 123-204.000.
Miles, Peter R.: *See—*
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Miles, Ronald C.; Geren, George W.; and Peel, R. W., to Olin Corporation. Reference electrode. 4,500,402, 2-19-85, Cl. 204-242.000.
Miles, Ronald C.; Geren, George W.; and Peel, R. W., to Olin Corporation. Method of making reference electrode. 4,502,214, 3-5-85, Cl. 29-859.000.
Miles, Ronald C., to Olin Corporation. Catholyteless membrane electrolytic cell. 4,548,694, 10-22-85, Cl. 204-[illegible]57.000.
Miles, Ronald C.; and Justice, David D., to Olin Corporation. Apparatus and method for preventing activity loss from electrodes during shutdown. 4,561,949, 12-31-85, Cl. 204-147.000.
Miles, Thomas P.; and Koenen, Richard A., to Argo Systems, Inc. Radio signal receiving system. 4,528,567, 7-9-85, Cl. 343-442.000.
Miletti, Sandro: *See—*
  Carobbi, Renato; Miletti, Sandro; and Franci, Vittorio, 4,536,221, Cl. 127-30.000.
  Carobbi, Renato; Miletti, Sandro; and Franci, Vittorio, 4,555,271, Cl. 127-46.200.
Milewits, Marvin: *See—*
  Stanley, Roderic K.; Milewits, Marvin; Knauer, Robert C., Jr.; and Bradfield, James E., 4,555,665, Cl. 324-229.000.
Milewski, John V., to United States of America, Energy. Method of producing silicon carbide articles. 4,513,030, 4-23-85, Cl. 427-227.000.
Milford, Edgar L.; Carpenter, Charles B.; and Paradysz, Jean M., to Brigham and Women's Hospital, Inc. Monoclonal antibodies for human tissue cross-matching. 4,517,289, 5-14-85, Cl. 435-7.000.
Milford, George N., Jr., to Du Pont de Nemours, E. I., and Company. Preparation and use of nitroterephthalamic acids. 4,551,549, 11-5-85, Cl. 562-437.000.
Milgate, Robert W., III: *See—*
  Petric, Paul F.; Foley, Michael S.; Waz, John J.; and Milgate, Robert W., III, 4,560,880, Cl. 250-441.100.
Milia, Frank, to Carlisle Laboratories, Inc. Dispenser package assembly. 4,497,432, 2-5-85, Cl. 229-17.00B.
Milianowicz, Stanislaw A.; Davies, Norman; and Wallace, Charles K., to Westinghouse Electric Corp. Vacuum circuit interrupter having vacuum monitoring apparatus. 4,491,704, 1-1-85, Cl. 200-144.00B.
Milili, Marc: *See—*
  Fourche, Jean-Pierre; and Milili, Marc, 4,538,128, Cl. 335-210.000.
Milillo, William D., to Xerox Corporation. Jam clearance baffle. 4,526,464, 7-2-85, Cl. 355-3.0SH.
Milish, William P., to Transamerica DeLaval Inc. Magnetically responsive circuit-element module for liquid-level monitoring and probe therefrom. 4,537,070, 8-27-85, Cl. 73-313.000.
Milish, William P., to Transamerica DeLaval Inc. Fluid-sampling valve for a hydraulic system. 4,537,219, 8-27-85, Cl. 137-614.190.
Milkovic, Miran, to General Electric Company. Current sensors. 4,492,919, 1-8-85, Cl. 324-127.000.
Milkovic, Miran, to General Electric Company. Electronic watt and/or watthour measuring circuit having active load terminated current sensor for sensing current and providing automatic zero-offset of current sensor DC offset error potentials. 4,495,463, 1-22-85, Cl. 324-142.000.
Milkovic, Miran, to General Electric Company. Electronic watt/watthour meter with automatic error correction and high frequency digital output. 4,535,287, 8-13-85, Cl. 324-142.000.
Milkovic, Miran; and Bogacki, Anthony P., to General Electric Company. Electronic solid state Q-hour meter and/or combination Q-hour and kilowatt-hour meter. 4,556,843, 12-3-85, Cl. 324-107.000.
Milkowski, Wolfgang: *See—*
  Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,515,944, Cl. 544-91.000.

Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,537,975, Cl. 548-359.000.

Zeugner, Horst; Romer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,497,740, Cl. 260-244.400.

Zeugner, Horst; Ruhland, Michael; Liepmann, Hans; Milkowski, Wolfgang; and Muesch, Herbert, 4,505,908, Cl. 514-221.000.

Zeugner, Horst; Roemer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,533,662, Cl. 514-221.000.

Millar, Colin A.: *See—*

Payne, David B.; and Millar, Colin A., 4,497,536, Cl. 350-96.210.

Millar, Robert F.: *See—*

Stoughton, Alan M.; Hansen, Charles C., Sr.; Leahy, John P.; and Millar, Robert F., 4,531,826, Cl. 355-14.0CU.

Millar, Ronald A., to Xerox Corporation. Track following system for optical disc drive. 4,530,079, 7-16-85, Cl. 369-44.000.

Millar, Scott W., to Petrolite Corporation. Oil field biocide composition. 4,552,591, 11-12-85, Cl. 106-18.330.

Millar, William G. Candle snuffer and method. 4,497,374, 2-5-85, Cl. 169-46.000.

Millard, Leff. Precision, dynamic low voltage measurement system. 4,524,317, 6-18-85, Cl. 323-224.000.

Millard, Mary A. Skin treatment preparation. 4,505,902, 3-19-85, Cl. 424-195.100.

Millard, Maurice: *See—*

Fortunato, Alfred R.; Millard, Maurice; and Trzeciak, John R., 4,511,337, Cl. 434-43.000.

Millard, Ralph A. Cable driven jack. 4,508,316, 4-2-85, Cl. 254-4.00R.

Millard, Richard J.: *See—*

Bernard, Walter J.; and Millard, Richard J., 4,508,563, Cl. 75-0.5BB.

Millauer, Hans; Siegemund, Gunter; and Schwertfeger, Werner, to Hoechst Aktiengesellschaft. Fluorosulfatoperfluorocarbonyl compounds. 4,524,031, 6-18-85, Cl. 260-456.00F.

Miliaway, Steven D.; and Graeme, Jerald G., to Burr-Brown Corporation. Noise-free, die area efficient cascode circuit. 4,550,291, 10-29-85, Cl. 330-277.000.

Millay, Lawrence I.; and Dzewaltowski, Victor F., to Ex-Cell-O Corporation. Machine workhead with magnetic driver. 4,513,541, 4-30-85, Cl. 51-237.00R.

Millay, Lawrence I.: *See—*

Dzewaltowski, Victor F.; and Millay, Lawrence I., 4,531,327, Cl. 51-103.0WH.

Millen, Edward G., to Morton Thiokol, Inc. Curing of polysulfide liquid polymers with zinc oxide and a source of copper ions. 4,518,767, 5-21-85, Cl. 528-374.000.

Millen, Jeffrey A., to Xerox Corporation. Sheet registration apparatus and device. 4,541,626, 9-17-85, Cl. 271-236.000.

Miller, Aaron B. Drilling jig for flathead screw pilot holes. 4,544,307, 10-1-85, Cl. 408-72.00B.

Miller, Alan H.: *See—*

Swartz, Henry D.; and Miller, Alan H., 4,550,798, Cl. 181-201.000.

Miller, Albert J., to Atlas Electronics International, Inc. Automotive driving condition alarm system. 4,492,952, 1-8-85, Cl. 340-52.00F.

Miller, Albert J., to Atlas Electronics International, Inc. Vehicle elapsed mileage indicator. 4,501,005, 2-19-85, Cl. 377-20.000.

Miller, Alex E., to Union Oil Company of California. Catalytic process for converting 2-oxazolidinones to their corresponding alkanolamines. 4,514,379, 4-30-85, Cl. 423-228.000.

Miller, Alex E., to Union Oil Company of California. Feed supplements and methods for the preparation thereof. 4,542,032, 9-17-85, Cl. 426-319.000.

Miller, Alexander; Sweetman, James E.; and McDougall, Douglas J. Sliding door assembly. 4,532,743, 8-6-85, Cl. 52-207.000.

Miller, Alistair A.: *See—*

Baxter, Martin G.; Elphick, Albert R.; Miller, Alistair A.; and Sawyer, David A., 4,560,687, Cl. 514-242.000.

Miller, Allan S., to Hiross International Corp., S.A. Automatic condensation discharger. 4,527,584, 7-9-85, Cl. 137-192.000.

Miller, Andrew S.: *See—*

Corfield, John R.; and Miller, Andrew S., 4,558,124, Cl. 544-22.000.

Miller, Ann S., executrix: *See—*

Miller, Charles G., deceased; Stephens, James B.; and Youngberg, Charles, 4,523,808, Cl. 350-146.000.

Miller, Anna L. Multipurpose globe. 4,494,935, 1-22-85, Cl. 434-132.000.

Miller, Anne K. M.; and Mason, Richard, to EKC Technology, Inc. Container for masks and pellicles. 4,511,038, 4-16-85, Cl. 206-454.000.

Miller, Anne T.: *See—*

Harrison, William J.; Reynolds, Andrew J.; Kellaway, Michael J.; MacMichael, Donald B. A.; and Miller, Anne T., 4,526,215, Cl. 141-83.000.

Miller, Anton J., to AT&T Bell Laboratories. Method of contouring crystal plates. 4,530,139, 7-23-85, Cl. 29-25.350.

Miller, Arthur F.: *See—*

Callahan, James L.; Shaw, Wilfrid G.; and Miller, Arthur F., 4,528,398, Cl. 562-534.000.

Giffen, William M., Jr.; Li, George S.; and Miller, Arthur F., 4,508,787, Cl. 428-473.500.

Grasselli, Robert K.; Suresh, Dev D.; and Miller, Arthur F., 4,495,109, Cl. 260-465.300.

Miller, Arthur J.; and Moussa, Zaher M., to Elliott Turbomachinery Co., Inc. Solid wheel turbine. 4,502,838, 3-5-85, Cl. 415-202.000.

Miller, Benjamin D.: *See—*

Koeneman, Robert M.; Miller, Benjamin D.; Jablonski, Thaddeus M.; and Schafer, Albert L., 4,513,892, Cl. 222-235.000.

Miller, Bernard: *See—*

Csakvary, Tibor; Shum, Lanson Y.; and Miller, Bernard, 4,557,663, Cl. 414-751.000.

Miller, Bernard F.: *See—*

VanLoon, Donald F.; and Miller, Bernard F., 4,556,223, Cl. 277-118.000.

Miller, Bernhard: *See—*

Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, 4,562,544, Cl. 364-431.110.

Miller, Bertram J.: *See—*

Etzell, Roger A.; Miller, Bertram J.; and Dziekan, Dennis J., 4,546,046, Cl. 428-460.000.

Miller, Bertram W. Method and apparatus for ascertaining color balance of photographic printing paper. 4,492,474, 1-8-85, Cl. 356-404.000.

Miller Brewing Company: *See—*

Mizerak, Robert J.; Bertkau, Geoffrey H.; Line, William F.; and Chicoye, Etzer, 4,528,198, Cl. 426-16.000.

Miller, Bryan H., to Continental Plastic Beverage Bottles, Inc. Plastic container having enlarged free end portion for receiving a metal end unit by double seaming. 4,561,555, 12-31-85, Cl. 220-67.000.

Miller, Burton E.: *See—*

Fouts, Robert W., Jr.; Au, Andrew N. S.; Miller, Burton E.; and Gotcher, Alan J., 4,545,926, Cl. 252-511.000.

Miller, Calvin M.: *See—*

DeVeau, George F., Jr.; and Miller, Calvin M., 4,544,234, Cl. 350-96.210.

DeVeau, George F., Jr.; and Miller, Calvin M., 4,545,644, Cl. 350-96.210.

Miller, Carl; and Hogan, Lawrence R., to Baxter Travenol Laboratories, Inc. High speed bulk compounder. 4,513,796, 4-30-85, Cl. 141-83.000.

Miller, Charles D.: *See—*

Smyly, Harold M.; Miller, Charles D.; Cloyd, Richard A.; and Heller, Clarence, 4,554,905, Cl. 124-56.000.

Miller, Charles G., deceased (by Miller, Ann S., executrix); Stephens, James B.; and Youngberg, Charles, to Wilson Sales Company, Inc. Welding helmets with auxiliary optical vision systems. 4,523,808, 6-18-85, Cl. 350-146.000.

Miller, Charles H., to Pathfinders Group, The. Decorative noncombustible coatings and methods of making the same. 4,511,406, 4-16-85, Cl. 106-18.140.

Miller, Charles J., to Universal Well Control Systems. Blowout preventer. 4,526,339, 7-2-85, Cl. 251-1.300.

Miller, Charles M., Jr.; and Orlando, Samuel J., to Columbia Industries, Inc. Filled shell bowling ball. 4,522,397, 6-11-85, Cl. 273-63.00D.

Miller, Clarence W., to Thermetic Glass, Inc. Multi-pane sealed window and method for forming same. 4,520,602, 6-4-85, Cl. 52-173.00R.

Miller, Claude D.: *See—*

Day, Michael N.; and Miller, Claude D., 4,538,265, Cl. 371-12.000.

Miller, Claude P.: *See—*

Ganssle, Eugene R.; and Miller, Claude P., 4,550,319, Cl. 343-882.000.

Miller, Clayton R.: *See—*

McDaniel, John M.; and Miller, Clayton R., 4,501,031, Cl. 3-1.911.

Miller, Clyde; Hunt, Joe; and Wagner, Mark, to Martech International. Gyro-compass positioning apparatus. 4,504,857, 3-12-85, Cl. 358-99.000.

Miller, Coleman J.; and Barron, Robert R., to Westinghouse Electric Corp. Four port phase shifter. 4,539,535, 9-3-85, Cl. 333-164.000.

Miller, Curtis B., to Graphic Arts Technical Innovators, Inc. Envelope feeder for printing press with timing circuit for suction cups, feed roller and flywheel. 4,524,691, 6-25-85, Cl. 101-232.000.

Miller, Curtiss W., to Urban Systems Streetscape, Inc. Chain cap for forming a stable load. 4,496,270, 1-29-85, Cl. 410-32.000.

Miller, Dale D.; and Polky, John N., to Boeing Company, The. Multiple discrete frequency ranging with error detection and correction. 4,537,502, 8-27-85, Cl. 356-5.000.

Miller, Darwin L.; and Miller, Ronnie F., to Damco Testers, Inc. Apparatus for leak testing of pipe. 4,517,828, 5-21-85, Cl. 73-46.000.

Miller, David: *See—*

Caldwell, David; Miller, David; and Padget, John C., 4,532,159, Cl. 427-388.400.

Miller, David A.; Krueger, Leland R.; and Charlton, Richard J., to Charlton Associates. Force sensor for controlling polishing pad pressure. 4,545,153, 10-8-85, Cl. 51-118.000.

Miller, David A. B., to AT&T Bell Laboratories. Nonlinear and bistable optical device. 4,546,244, 10-8-85, Cl. 250-211.00J.

Miller, David A. B.: *See—*

Chemla, Daniel S.; Damen, Theodoor C.; Gossard, Arthur C.; Miller, David A. B.; and Wood, Thomas H., 4,525,687, Cl. 332-7.510.

Chemla, Daniel S.; Miller, David A. B.; and Smith, Peter W., 4,528,464, Cl. 307-425.000.

Miller, David L., to Cuderm Corporation. Sebum collection and monitoring means and method. 4,532,937, 8-6-85, Cl. 128-759.000.

Miller, David L.: *See—*

Burke, James S.; Miller, David L.; and Fisher, Edmund A., 4,541,449, Cl. 137-72.000.

Miller, David M., to Owens-Corning Fiberglas Corporation. Preheating particulate material. 4,530,166, 7-23-85, Cl. 34-39.000.

Miller, David S. Apparatus for cryogenic branding. 4,531,476, 7-30-85, Cl. 119-1.000.

- Miller, Dean T.: *See—*
  - Sperinde, Johnie M.; Goldring, Stanley D.; and Miller, Dean T., 4,523,279, Cl. 364-416.000.
- Miller Dehydrator International, Inc.: *See—*
  - Miller, John T., 4,559,235, Cl. 426-636.000.
- Miller, Dennis H.; and Mutka, Jerry R., to Sunkist Growers, Inc. Process for forming solid juice composition and product of the process. 4,499,112, 2-12-85, Cl. 426-276.000.
- Miller, Dennis J.: *See—*
  - Lee, Hong H.; and Miller, Dennis J., 4,496,249, Cl. 374-7.000.
- Miller, Donald A. Bearing assembly. 4,506,936, 3-26-85, Cl. 384-569.000.
- Miller, Donald A.: *See—*
  - Chakravarti, Satya N.; Garbarino, Paul L.; and Miller, Donald A., 4,542,340, Cl. 324-158.00R.
- Miller, Donald E.; Gilmore, Cecilia; Dimler, Steven R.; and Werstak, Charles E., to SCM Corporation. Imitation buttermilk dry blend suitable for reconstitution with milk. 4,496,602, 1-29-85, Cl. 426-555.000.
- Miller, Donald L., to Facet Enterprises, Inc. Adjustable air gap and method for electromagnetic clutch. 4,524,854, 6-25-85, Cl. 192-84.00C.
- Miller, Donald L.; and Przybysz, John X., to Westinghouse Electric Corp. High di/dt, light-triggered thyristor with etched moat current limiting resistors. 4,536,783, 8-20-85, Cl. 357-38.000.
- Miller, Donald S.; and King, Roger, to National Research Development Corporation. Stabilizing bluff structures against oscillation. 4,505,617, 3-19-85, Cl. 405-211.000.
- Miller, Dorothy W.: *See—*
  - Miller, Fred L. B., deceased, 4,523,407, Cl. 49-465.000.
- Miller, Dorothy W., personal representative: *See—*
  - Miller, Fred L. B., deceased, 4,523,407, Cl. 49-465.000.
- Miller, Douglas P., to Applied Power Inc. Swing clamp. 4,560,152, 12-24-85, Cl. 269-24.000.
- Miller, Drew J.: *See—*
  - Dunmire, Robert W.; Miller, Drew J.; and Johnson, Michael D., 4,519,098, Cl. 2-161.00R.
- Miller, Dye O., to A. J. Antunes & Co. Device for cooking food. 4,516,485, 5-14-85, Cl. 99-339.000.
- Miller, Dye O., to A. J. Antunes & Co. Contact toaster. 4,530,276, 7-23-85, Cl. 99-386.000.
- Miller, Edward A., to RCA Corporation. Distributor tube for CVD reactor. 4,499,853, 2-19-85, Cl. 118-725.000.
- Miller, Edward B.; and Eichelberger, Charles W., to General Electric Company. Method and apparatus for controlling distributed electrical loads. 4,511,895, 4-16-85, Cl. 340-825.500.
- Miller, Edward B.; and Eichelberger, Charles W., to General Electric Company. Method and apparatus for controlling distributed electrical loads. 4,535,332, 8-13-85, Cl. 340-825.060.
- Miller, Edward B.: *See—*
  - Beatty, Robert M.; Huber, Paul G.; and Miller, Edward B., 4,562,550, Cl. 364-492.000.
  - Simpson, William B., Jr.; Lundy, David F.; Parnell, R. L.; Snodgrass, Charles W.; Miller, Edward B.; and Harvey, John M., 4,528,035, Cl. 75-257.000.
- Miller, Edward G.: *See—*
  - Kaczur, Jerry J.; Iacoviello, Steven A.; and Miller, Edward G., 4,508,602, Cl. 204-95.000.
- Miller, Edwin A. Socket terminal and connector. 4,505,531, 3-19-85, Cl. 339-64.00R.
- Miller, Edwin J.: *See—*
  - Dugan, Elmo A.; Kish, Louis G.; Miller, Edwin J.; and Fabian, George J., 4,496,159, Cl. 273-341.000.
- Miller Electric Manufacturing Company: *See—*
  - Corrigall, Don J.; Hansen, Floyd D.; and Kujawa, James R., 4,540,871, Cl. 219-137.630.
  - Fronius, Klaus, 4,521,671, Cl. 219-130.310.
  - Fronius, Klaus, 4,521,672, Cl. 219-130.330.
- Miller, Ellsworth S.: *See—*
  - Slavin, Michael; and Miller, Ellsworth S., 4,538,045, Cl. 219-91.210.
  - Slavin, Michael; and Miller, Ellsworth S., 4,554,406, Cl. 174-94.00R.
  - Slavin, Michael; Martus, Charles R.; and Miller, Ellsworth S., 4,561,631, Cl. 251-129.200.
- Miller, Elwood O., to BOC Group, Inc., The. Time controlled gas flows. 4,535,812, 8-20-85, Cl. 137-624.110.
- Miller, Ernest J.: *See—*
  - Diener, Lester; and Miller, Ernest J., 4,548,130, Cl. 99-345.000.
- Miller, Ernest L.: *See—*
  - Barnes, Johnny G.; Hooten, John A.; Hurley, Patrick J.; and Miller, Ernest L., 4,525,806, Cl. 364-900.000.
- Miller, Francis M., to Conax Corporation. Fluid conductivity sensor. 4,513,248, 4-23-85, Cl. 324-439.000.
- Miller, Frank E.: *See—*
  - Sulcek, Charles E.; and Miller, Frank E., 4,518,142, Cl. 248-649.000.
- Miller, Frank J., to Milwaukee Valve Company. Tamper-proof valve. 4,526,194, 7-2-85, Cl. 137-385.000.
- Miller, Frank J.: *See—*
  - Andrade, Joseph D.; Triolo, Philip M.; Smith, Lee M.; and Miller, Frank J., 4,508,606, Cl. 204-169.000.
- Miller, Franz: *See—*
  - Balsys, Manfred; Kling, Dieter; Maier, Hans; Miller, Franz; and Schmid, Walter, 4,522,223, Cl. 137-240.000.
- Miller, Fred L. B., deceased (by Miller, Dorothy W., personal representative), to Miller, Dorothy W. Hatch cover. 4,523,407, 6-18-85, Cl. 49-465.000.
- Miller, Gabriel L., to AT&T Bell Laboratories. Noncontacting conductivity type determination and surface state spectroscopy of semiconductor materials. 4,551,674, 11-5-85, Cl. 324-158.00R.
- Miller, Gabriel L.: *See—*
  - Boie, Robert A.; and Miller, Gabriel L., 4,526,043, Cl. 73-862.040.
- Miller, Gabriel M.; Cowen, Timothy B.; and Palin, Philip R., to Cilco, Inc. Disposable syringe sleeve. 4,540,405, 9-10-85, Cl. 604-232.000.
- Miller, Gardner H., to Trustroke International, Inc. Golf training aid. 4,516,779, 5-14-85, Cl. 273-186.00C.
- Miller, Gary; Jobes, Sam S.; and Benfey, David P., to General Electric Company. Format reconfigurable CRT display. 4,551,657, 11-5-85, Cl. 315-399.000.
- Miller, Gary E.; Mesiya, Mohammed F.; and Deichmiller, Arthur C., to Times Fiber Communications, Inc. Satellite block transmission using wideband fiber optic links. 4,545,075, 10-1-85, Cl. 155-612.000.
- Miller, Gary E.: *See—*
  - Baskin, Joseph M.; Miller, Gary E.; and Wiesner, Wayne, 4,557,666, Cl. 416-32.000.
  - Pinnow, Douglas A.; and Miller, Gary E., 4,491,983, Cl. 455-612.000.
- Miller, Gary M., to Owens-Corning Fiberglas Corporation. Roving winder controller. 4,556,176, 12-3-85, Cl. 242-38.000.
- Miller, George A. Carrier for fishing rods and tackle. 4,529,112, 7-16-85, Cl. 224-202.000.
- Miller, George W.: *See—*
  - McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., 4,558,451, Cl. 372-89.000.
- Miller, Gerald D.: *See—*
  - Hausman, Mary L.; Miller, Gerald D.; and Wempe, Lawrence K., 4,503,185, Cl. 524-553.000.
  - Wykes, John H.; and Miller, Gerald D., 4,562,546, Cl. 364-434.000.
- Miller, Gerald W.; and Lutzmann, H. Harald. Plasticized polyvinyl alcohol compositions, forming process and formed articles. 4,536,532, 8-20-85, Cl. 524-141.000.
- Miller, Gert; Diers, Franz; and Hermanns, Hans-Josef, to Scheidt & Bachmann GmbH. Device for automatic cashiers for storing coins. 4,527,577, 7-9-85, Cl. 133-3.00H.
- Miller, Glen E., to Boeing Company, The. Pressure-actuated optical switch. 4,521,683, 6-4-85, Cl. 250-221.000.
- Miller, Granville G.: *See—*
  - Delannoy, Philippe G.; Miller, Granville G.; Eckhardt, Helmut; and Baughman, Ray H., 4,502,981, Cl. 252-512.000.
  - Elsenbaumer, Ronald L.; Miller, Granville G.; and Toth, James E., 4,526,708, Cl. 252-518.000.
  - Ivory, Dawn M.; Miller, Granville G.; Chance, Ronald R.; and Baughman, Ray H., 4,517,116, Cl. 252-500.000.
- Miller, Gregory R.; and Clark, Steven G., to Bio-Care Incorporated. Compressor system for discharging dry air. 4,505,128, 3-19-85, Cl. 62-272.000.
- Miller, Gregory R.; and Clark, Steven G., to Bio-Care Incorporated. Oxygen concentrator. 4,545,790, 10-8-85, Cl. 55-161.000.
- Miller, Harold E.; and Cheney, Ronald W. Knee brace. 4,524,764, 6-25-85, Cl. 128-80.00C.
- Miller, Harry, to Sperry Corporation. Enroute weight computer for aircraft. 4,494,210, 1-15-85, Cl. 364-567.000.
- Miller, Henry L., to Miller Screen & Design, Inc. Method and apparatus for silk-screen printing. 4,520,727, 6-4-85, Cl. 101-127.000.
- Miller, Henry W., to Westinghouse Electric Corp. Self-excited high current DC electrical pulse generator. 4,503,349, 3-5-85, Cl. 310-178.000.
- Miller, Henry W., to Mobil Oil Corporation. Subsea wellhead connection assembly. 4,518,042, 5-21-85, Cl. 166-347.000.
- Miller, Herbert L., to Miller Paint Equipment, Inc. Paint shaker. 4,497,581, 2-5-85, Cl. 366-208.000.
- Miller Hofft, Inc.: *See—*
  - Haeck, Paul J., 4,499,669, Cl. 34-102.000.
- Miller, Hubert A., to AT&T Bell Laboratories. Dial pulse measurement circuitry. 4,501,003, 2-19-85, Cl. 375-94.000.
- Miller, Ira; Null, Michael W.; and Dotson, Robert N., to Motorola, Inc. Pulse stretching and level shifting circuit. 4,501,974, 2-26-85, Cl. 307-246.000.
- Miller, Ira; and Null, Michael W., to Motorola, Inc. ECL to TTL output stage. 4,514,651, 4-30-85, Cl. 307-475.000.
- Miller, Ira; and Davies, Robert B., to Motorola, Inc. Peak storage amplifier. 4,533,844, 8-6-85, Cl. 307-530.000.
- Miller, Ira; Rumbaugh, Robert C.; and Price, John J., Jr., to Motorola, Inc. Comparator circuit having full supply common mode input. 4,536,663, 8-20-85, Cl. 307-355.000.
- Miller, Ira: *See—*
  - Davies, Robert B.; Miller, Ira; and Dotson, Robert N., 4,504,928, Cl. 365-11.000.
  - Davies, Robert B.; Miller, Ira; and Dotson, Robert N., 4,554,464, Cl. 307-265.000.
  - Dotson, Robert N.; Davies, Robert B.; and Miller, Ira, 4,514,648, Cl. 307-350.000.
  - Rumbaugh, Robert C.; and Miller, Ira, 4,554,468, Cl. 307-355.000.
- Miller, Ivan O., to Shafco Industries Inc. Rotary ball valve assembly. 4,523,608, 6-18-85, Cl. 137-315.000.
- Miller, Jack E.: *See—*
  - Dopyera, Emil E.; and Miller, Jack E., 4,530,526, Cl. 285-261.000.

Miller, Jack L.: *See—*
- Alongi, C. J.; Miller, Jack L.; and Radzik, William W., 4,504,967, Cl. 381-65.000

Miller, Jack V., to Gravity Guidance, Inc. Ankle supporting device for inverted posture. 4,497,314, 2-5-85, Cl. 128-75.000.

Miller, Jack V., to Gravity Guidance, Inc. Full body weight traction device. 4,502,682, 3-5-85, Cl. 272-144.000.

Miller, Jack V.; and Blosser, Stephen T., to Gravity Guidance, Inc. Doorway mounted horizontal bar. 4,529,191, 7-16-85, Cl. 272-62.000.

Miller, Jack V., to Gravity Guidance, Inc. Full body weight traction device. 4,534,554, 8-13-85, Cl. 272-144.000.

Miller, James A.: *See—*
- Hargenrader, Richard J.; and Miller, James A., 4,503,917, Cl. 173-147.000.
- Wittren, Richard A.; and Miller, James A., 4,541,451, Cl. 137-118.000.

Miller, James C.: *See—*
- Horvath, Joseph G.; and Miller, James C., 4,540,922, Cl. 318-490.000.

Miller, James F.: *See—*
- Lingren, Clinton L.; and Miller, James F., 4,495,144, Cl. 376-255.000

Miller, James G.: *See—*
- Drago, Russell S.; Miller, James G.; and Weiss, Keith D., 4,538,011, Cl. 570-240.000.

Miller, James H.: *See—*
- Diaz, Zaida; and Miller, James H., 4,492,592, Cl. 62-18.000

Miller, James R.; Fayerman, Jeffrey T.; Kovacevic, Steven; and Beerman, Nancy E., to Eli Lilly and Company. Multifunctional, cloning vectors for use in Streptomyces, Bacillus, and *E. coli*. 4,503,155, 3-5-85, Cl. 435-172.300.

Miller, James R.: *See—*
- Kovacevic, Steven; Fayerman, Jeffrey T.; Miller, James R.; and Richardson, Mark A., 4,559,300, Cl. 435-68.000.
- Rossi, Vince; Miller, James R.; Tetrault, Leonard P.; and Tripodi, Robert R., 4,505,426, Cl. 236-47.000.

Miller, Jan D.; and Mooiman, Michael B., to University of Utah. Solvent extraction of gold and silver anions under alkaline conditions. 4,540,435, 9-10-85, Cl. 75-118.00R.

Miller, Janine. Nighttime garment for ostomy pouch user. 4,495,662, 1-29-85, Cl. 2-211.000.

Miller, Jeffrey J.: *See—*
- Ballard, Philip D.; Goin, Cheryl A.; Josephson, Paul J.; Keller, Andrew D.; Lykins, Larry W.; and Miller, Jeffrey J., 4,502,514, Cl. 141-1.000.

Miller, Jeffrey T.; and Nevitt, Thomas D., to Standard Oil Company (Indiana). Process for reacting alcohols and olefins. 4,496,785, 1-29-85, Cl. 585-640.000.

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Miller, Jesse D., Jr.; Tshudy, James A.; and Unruh, Ralph E., to Armstrong World Industries, Inc. Durable, low-maintenance flooring tile. 4,504,523, 3-12-85, Cl. 427-197.000.

Miller, Jimmy L.: *See—*
- Munsch, John M.; Danielsen, Brant R.; and Miller, Jimmy L., 4,541,829, Cl. 604-80.000.

Miller, John E.; and Fortino, Dennis J., to Chromium Corporation. Piston with a controlled expansion piston anti-extrusion ring. 4,516,785, 5-14-85, Cl. 277-188.00A.

Miller, John E., to Dresser Industries, Inc. Method and arrangement for retaining cylinder liners in a reciprocating pump. 4,550,646, 11-5-85, Cl. 92-128.000.

Miller, John H., to Hy-Way Heat Systems, Inc. Extruder melter apparatus. 4,522,192, 6-11-85, Cl. 126-343.50A.

Miller, John H., to Hy-Way Heat Systems, Inc. Rotating melter. 4,522,587, 6-11-85, Cl. 432-114.000.

Miller, John H.: *See—*
- Ramge, Dennis L.; and Miller, John H., 4,511,328, Cl. 432-59.000.

Miller, John R.; and Stubbs, John L., to Southern Railway Company. Railway tie plug driving apparatus. 4,522,127, 6-11-85, Cl. 104-17.00R.

Miller, John R.: *See—*
- Vukanovic, Vladimir; Butler, Susannah M.; Fazekas, George; and Miller, John R., 4,505,947, Cl. 427-34.000.

Miller, John T., to Miller Dehydrator International, Inc. Low temperature dehydrated alfalfa product and method and apparatus for processing same. 4,559,235, 12-17-85, Cl. 426-636.000.

Miller, Jon L. Fluid pressure releasing tool. 4,499,796, 2-19-85, Cl. 81-5.10R.

Miller, Jonathan; Wacek, Rudolph W.; Berfield, Robert C.; Meland, Ronald F.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., to Shop-Vac Corporation. Assembly of tank lid and fan means of a wet/dry vacuum. 4,538,971, 9-3-85, Cl. 417-423.00A.

Miller-Jones, Stockton M.; and Flax, Stephen W., to General Electric Company. Method and means for determining frequency selective tissue attenuation in a baseband ultrasonic imaging system. 4,534,359, 8-13-85, Cl. 128-660.000.

Miller, Joseph: *See—*
- Gerez, Jose C. C.; Gerez, Maria D. C. A.; and Miller, Joseph, 4,529,699, Cl. 435-165.000.
- Perry, Steven B.; and Miller, Joseph, 4,558,182, Cl. 179-81.00R.

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Miller, Kenneth F., to General Electric Company. Aromatic polycarbonate containing N,N-dialkyl amide mold release agent. 4,554,302, 11-19-85, Cl. 524-233.000.

Miller, Kenneth G., to Inspiron Corporation. Heated respiratory therapy humidifier. 4,532,088, 7-30-85, Cl. 261-142.000.

Miller, Kenneth L., to Chrysler Corporation. Fluid level sensor employing hot wire probe and digital sample and hold circuitry. 4,525,850, 6-25-85, Cl. 377-19.000.

Miller, Kenneth L.: *See—*
- Chalmers, Brian D.; Ruxton, David S.; and Miller, Kenneth L., 4,524,397, Cl. 360-77.000.
- Colan, Peter V.; Miller, Kenneth L.; and Tyler, Henry P., 4,539,891, Cl. 91-49.000.

Miller, Kevin P.: *See—*
- Wilson, Richard A.; Mookherjee, Braja D.; Zampino, Michael J.; Vock, Manfred H.; and Miller, Kevin P., 4,539,209, Cl. 426-3.000.

Miller, Kim C.: *See—*
- Stanley, Carol A. J.; and Miller, Kim C., 4,561,122, Cl. 2-20.000.

Miller, Kurt R.: *See—*
- Riihiluoma, Clayton; and Miller, Kurt R., 4,504,060, Cl. 273-241.000.

Miller, Lalan G.: *See—*
- Roberts, Richard D.; Franz, James H., Jr.; Hoffman, Lester J.; and Miller, Lalan G., 4,516,059, Cl. 318-301.000.

Miller, Larry. Splint and method of using same. 4,520,806, 6-4-85, Cl. 128-87.00R.

Miller, Larry C., to DewEze Manufacturing, Inc. Grain drill suspension system. 4,519,325, 5-28-85, Cl. 111-85.000.

Miller, Larry D. Compound archery bow. 4,519,374, 5-28-85, Cl. 124-23.00R.

Miller, Laurence L., to TRW Inc. Variable displacement motor. 4,493,622, 1-15-85, Cl. 418-57.000.

Miller, Lawrence H.: *See—*
- Bautista, John; and Miller, Lawrence H., 4,494,430, Cl. 83-468.000.

Miller, Lee E.; Carr, Dennis D.; and Smith, Donald L., to Eagle-Picher Industries, Inc. Lightweight metal-hydrogen cell with improved plate stack supporting means. 4,517,264, 5-14-85, Cl. 429-163.000.

Miller, Leroy J.: *See—*
- Brault, Robert G.; and Miller, Leroy J., 4,535,054, Cl. 430-325.000.

Miller, Leslie A.; and McCall, Thomas J., to Spectra-Physics, Inc. Multiple piston pump control. 4,552,513, 11-12-85, Cl. 417-18.000.

Miller, Lloyd. Fabric mounting track system. 4,549,334, 10-29-85, Cl. 29-278.000.

Miller, Louis D., to RCA Corporation. Image pickup assembly. 4,558,251, 12-10-85, Cl. 313-365.000.

Miller, Lowell A., to Scientific Laboratories, Inc. Tube crimping device. 4,515,550, 5-7-85, Cl. 425-392.000.

Miller, Mark C., to Perkin-Elmer Corporation, The. Sample vessel. 4,532,816, 8-6-85, Cl. 73-864.910.

Miller, Matthew S., to General Electric Company. Microwave oven rack design. 4,510,362, 4-9-85, Cl. 219-10.55E.

Miller, Merrill R., to Lisle Corporation. Magnetic tool holder. 4,544,067, 10-1-85, Cl. 211-70.600.

Miller, Michael B.: *See—*
- Hillman, Joseph T.; and Miller, Michael B., 4,496,180, Cl. 294-64.00R.
- Hohmann, Thomas C.; Lewis, Norris E.; and Miller, Michael B., 4,525,025, Cl. 350-96.150.
- Lewis, Norris E.; and Miller, Michael B., 4,492,427, Cl. 350-96.200.

Miller, Michael C. Connecting structure. 4,504,168, 3-12-85, Cl. 403-353.000.

Miller, Michael E.; and Fetzer, Fred, to Stein Associates, Inc. Batter mixer with water meter. 4,505,593, 3-19-85, Cl. 366-152.000.

Miller, Michael E.: *See—*
- Booth, Raymond E.; and Miller, Michael E., 4,496,084, Cl. 222-282.000.

Miller, Michael J.; Vogt, Martin C.; and Scheithauer, Richard A., to GTE Products Corporation. Method for removing tin from sodium tungstate solution. 4,552,729, 11-12-85, Cl. 423-55.000.

Miller, Nehemia: *See—*
- Zinn, Ben T.; Miller, Nehemia; and Daniel, Brady R., 4,529,377, Cl. 432-58.000.

Miller, Neil A., to Scholz Research & Development. Electronic stereo reverberation device. 4,509,191, 4-2-85, Cl. 381-63.000.

Miller, Nicholas E.: *See—*
- Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,524,719, Cl. 118-719.000.
- Campbell, Bryant A.; DuBois, Dale R.; Manriquez, Ralph F.; and Miller, Nicholas E., 4,539,933, Cl. 118-719.000.
- Campbell, Bryant A.; and Miller, Nicholas E., 4,545,327, Cl. 118-719.000.

  - Campbell, Bryant A.; and Miller, Nicholas E., 4,547,404, Cl. 427-248.100.
- Miller, Norbert D.; and LaFleur, Craig V., to Hamlin, Inc. Multiple reed switch module. 4,547,756, 10-15-85, Cl. 335-152.000.
- Miller, Norman K. Electric mat switch. 4,497,989, 2-5-85, Cl. 200-86.00R.
- Miller Paint Equipment, Inc.: *See—*
  - Miller, Herbert L., 4,497,581, Cl. 366-208.000.
- Miller, Paul B.: *See—*
  - York, Earl D.; Johnson, David M.; and Miller, Paul B., 4,548,702, Cl. 208-11.00R.
- Miller, Paul S.; and Ts'O, Paul O. P., to Johns Hopkins University, The. Preparation of oligodeoxyribonucleoside alkyl or arylphosphonates. 4,507,433, 3-26-85, Cl. 525-54.110.
- Miller, Paul S.; and Ts'O, Paul O. P., to Johns Hopkins University, The. Process for selectively controlling unwanted expression or function of foreign nucleic acids in animal or mammalian cells. 4,511,713, 4-16-85, Cl. 536-27.000.
- Miller, Peter: *See—*
  - Westwood, Robert; Miller, Peter; Ager, Ian R.; and Kay, David P., 4,510,143, Cl. 514-250.000.
- Miller, Peter J. Adjustable grip for bowling ball. 4,560,162, 12-24-85, Cl. 273-63.00B.
- Miller, Peter S.; and Hall, Maclin S., to Owens-Illinois, Inc. Method and apparatus for controlling the thickness of a lamina of a coextruded laminate. 4,514,812, 4-30-85, Cl. 364-473.000.
- Miller, Peter S., to Owens-Illinois, Inc. Servo-control of machine motions in manufacture of glass containers. 4,548,637, 10-22-85, Cl. 65-163.000.
- Miller, Philip N. Glazing system. 4,539,243, 9-3-85, Cl. 428-99.000.
- Miller Products, Inc.: *See—*
  - Egan, James R., 4,544,590, Cl. 428-40.000.
- Miller, R. Craig, to Pro/Pak Industries, Inc. Apparatus and process for cooking food. 4,491,602, 1-1-85, Cl. 426-438.000.
- Miller, R. Craig, to Miller, R. Craig; and Pro/Pak Industries, Inc., a part interest. Continuous filter screen system for removing particles from a liquid. 4,551,255, 11-5-85, Cl. 210-770.000.
- Miller, R. Lee, to Hilco House, Inc. Action toy and game. 4,553,946, 11-19-85, Cl. 446-327.000.
- Miller, Randolph F.: *See—*
  - Smith, David B.; Miller, Randolph F.; and Moore, John M., 4,533,136, Cl. 272-73.000.
- Miller, Raymond H.; and VanKempema, Richard B., to Union Carbide Corporation. Post-mixed spark-ignited burner. 4,541,798, 9-17-85, Cl. 431-266.000.
- Miller, Raymond H.: *See—*
  - Snyder, William J.; Miller, Raymond H.; and Kobayashi, Hisashi, 4,525,138, Cl. 431-187.000.
- Miller, Richard; and Rizer, Janine M., to Research One Limited Partnership. Rapid set lightweight cement product. 4,501,830, 2-26-85, Cl. 523-401.000.
- Miller, Richard A.; and Lessman, Gerald G., to Westinghouse Electric Corp. Apparatus and method for laser machining in a non-reactive environment. 4,492,843, 1-8-85, Cl. 219-121.0LC.
- Miller, Richard A., to Westinghouse Electric Corp. Apparatus and process for laser treating sheet material. 4,500,771, 2-19-85, Cl. 219-121.0LH.
- Miller, Richard A.; and Bucher, George D., to Westinghouse Electric Corp. Pulsed laser machining apparatus. 4,560,856, 12-24-85, Cl. 219-121.0LC.
- Miller, Richard A.: *See—*
  - Kobuck, Richard M.; Miller, Richard A.; Kalkbrenner, Ralph W.; Kerrey, John S.; and Duncan, Robert, 4,492,844, Cl. 219-121.0LC.
- Miller, Richard C.: *See—*
  - Dixon, Richard W.; Joyce, William B.; Koszi, Louis A.; Miller, Richard C.; and Schwartz, Bertram, 4,514,896, Cl. 29-576.00B.
- Miller, Richard D., to RCA Corporation. Linear ramp voltage generator circuit. 4,516,036, 5-7-85, Cl. 307-228.000.
- Miller, Richard E.; and Muhlfelder, James L. Game ball. 4,529,200, 7-16-85, Cl. 273-60.00B.
- Miller, Richard F., to Atlantic Richfield Company. Preparation of higher tin carboxylates in improved yields using an inert gas. 4,495,105, 1-22-85, Cl. 260-414.000.
- Miller, Richard F.; Go, Tony S.; and Wilson, George R., III, to Atlantic Richfield Company. Corrosion inhibition. 4,497,702, 2-5-85, Cl. 208-47.000.
- Miller, Richard F.; and Nicholson, Michael P., to Atlantic Richfield Company. Method for minimizing fouling of heat exchanger. 4,510,041, 4-9-85, Cl. 208-48.0AA.
- Miller, Richard F.; and Nicholson, Michael P., to Atlantic Richfield Company. Method for minimizing fouling of heat exchanger. 4,511,457, 4-16-85, Cl. 208-48.0AA.
- Miller, Richard F.; and Nicholson, Michael P., to Atlantic Richfield Company. Method for minimizing fouling of heat exchanger. 4,529,500, 7-16-85, Cl. 208-48.0AA.
- Miller, Richard F.; and Nicholson, Michael P., to Atlantic Richfield Company. Alkylation aide for sulfuric acid catalyzed alkylation units. 4,544,794, 10-1-85, Cl. 585-721.000.
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- Miller, Richard F., to Atlantic Richfield Company. Hydrocarbon oils with improved pour points. 4,547,202, 10-15-85, Cl. 44-62.000.
- Miller, Richard F.; and Nicholson, Michael P., to Atlantic Richfield Company. Method for minimizing fouling of heat exchanger. 4,556,476, 12-3-85, Cl. 208-48.0AA.
- Miller, Richard H.: *See—*
  - Czerwinski, Richard W.; Gregory, Graham W.; Miller, Richard H.; and Rafalowski, Stanley A., Jr., 4,552,909, Cl. 524-11.000.
- Miller, Richard J. Apparatus and method for automatically removing fingernail polish. 4,510,954, 4-16-85, Cl. 132-75.000.
- Miller, Richard J. L.: *See—*
  - Clayfield, Eric J.; Dixon, Arnold G.; and Miller, Richard J. L., 4,524,000, Cl. 210-649.000.
- Miller, Richard L.; and Estela, Carlos, to General Electric Environmental Services, Inc. Fabric filter system with improved gas bypass means for removing particulate matter from gases. 4,523,931, 6-18-85, Cl. 55-80.000.
- Miller, Richard L.: *See—*
  - Cooper, Penny S.; and Miller, Richard L., 4,492,306, Cl. 206-216.000.
  - Danforth, Philip G.; Bucko, Thomas G.; Galliher, Kenneth R.; Lucia, Joseph T.; Miller, Richard L.; and Straw, Timothy B., 4,518,915, Cl. 324-158.00R.
  - Lojko, Jozef; and Miller, Richard L., 4,495,813, Cl. 73-490.000.
  - Scieri, Frank; and Miller, Richard L., 4,509,641, Cl. 206-219.000.
- Miller, Richard N.; and Ray, K. Bruce. System for optimum irrigating and fertilizing. 4,545,396, 10-8-85, Cl. 137-78.300.
- Miller, Richard W., to Foxboro Company, The. Flowmeter having uniform response under both laminar and turbulent flow conditions. 4,517,847, 5-21-85, Cl. 73-861.740.
- Miller, Richard W., to Foxboro Company, The. Planar-measuring vortex-shedding mass flowmeter. 4,523,477, 6-18-85, Cl. 73-861.020.
- Miller, Richard W.; Nagao, Jay; and Dexter, Steve, to Fairfield Manufacturing Company. Gear reducer. 4,549,449, 10-29-85, Cl. 74-785.000.
- Miller, Richard W.: *See—*
  - Mitchell, Albert W.; and Miller, Richard W., 4,521,922, Cl. 2-171.000.
- Miller, Robert A.; and Condrac, Edward J., to Elliott Turbomachinery Co., Inc. Method and apparatus for determining when to initiate cleaning of turbocharger turbine blades. 4,548,040, 10-22-85, Cl. 60-619.000.
- Miller, Robert C., to Westinghouse Electric Corp. Electric energy meter having a mutual inductance current transducer. 4,491,790, 1-1-85, Cl. 324-142.000.
- Miller, Robert C.: *See—*
  - O'Keefe, David B.; and Miller, Robert C., 4,520,356, Cl. 340-750.000.
  - Staplin, Theodore R., Jr.; Bradley, John J.; King, Richard L.; Miller, Robert C.; Miu, Ming T.; and Shen, Jian-Kuo, 4,495,571, Cl. 364-200.000.
- Miller, Robert D.: *See—*
  - Clecak, Nicholas J.; McKean, Dennis R.; Miller, Robert D.; Tompkins, Terry C.; and Willson, Carlton G., 4,522,911, Cl. 430-192.000.
  - Ito, Hiroshi; MacDonald, Scott A.; Miller, Robert D.; and Willson, Carlton G., 4,552,833, Cl. 430-325.000.
- Miller, Robert E.; Russo, Joseph L.; Sonder, Richard; and Soni, Abraham H., to Simmons Universal Corporation. Adjustable bed. 4,494,259, 1-22-85, Cl. 5-66.000.
- Miller, Robert E., to Union Oil Company of California. Hydrotreating process wherein sulfur is added to the feedstock to maintain the catalyst in sulfided form. 4,547,285, 10-15-85, Cl. 208-89.000.
- Miller, Robert E.; and Vervacke, Steven L., to Appleton Papers Inc. Record member. 4,551,739, 11-5-85, Cl. 346-216.000.
- Miller, Robert E.: *See—*
  - Bodmer, Jerome R.; and Miller, Robert E., 4,540,998, Cl. 346-212.000.
  - Brockett, Bruce W.; and Miller, Robert E., 4,546,365, Cl. 346-214.000.
  - Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.
  - Foerster, Charles E., Jr.; Miller, Robert E.; and Pace, Aldren M., 4,501,972, Cl. 250-577.000.
- Miller, Robert F., to Teledyne Industries, Inc. Process and apparatus for surfacing with high deposition and low dilution. 4,521,664, 6-4-85, Cl. 219-76.140.
- Miller, Robert F., to Allegheny Ludlum Steel Corporation. Method for producing cube-on-edge oriented silicon steel. 4,548,655, 10-22-85, Cl. 148-111.000.
- Miller, Robert J., to United Technologies Corporation. Method for cylindrical grinding turbine engine rotor assemblies. 4,512,115, 4-23-85, Cl. 51-289.00R.
- Miller, Robert J., to Colt Industries Operating Corp. Adapter means for creating an open loop manually adjustable apparatus and system for selectively controlling the air-fuel ratio supplied to a combustion engine. 4,556,032, 12-3-85, Cl. 123-438.000.
- Miller, Robert J.: *See—*
  - Drinkuth, William H.; Bires, Robert J.; Miller, Robert J.; and Selleck, Franklin G., 4,501,095, Cl. 51-165.720.
- Miller, Robert L., to International Telephone and Telegraph Corporation. Phase-locked loop and clock circuit for a line switch. 4,519,071, 5-21-85, Cl. 370-100.000.
- Miller, Robert L.: *See—*
  - Aro, Enn; Bogan, Leonard E.; Hamersley, Richard A.; Knapke, Paul H.; and Miller, Robert L., 4,495,614, Cl. 370-58.000.

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Knapke, Paul H.; and Miller, Robert L., 4,513,414, Cl. 370-58.000.

Miller, Robert N.; and Smith, Richard L., to Lockheed Corporation. Fatigue crack growth retardant material. 4,542,183, 9-17-85, Cl. 524-714.000.

Miller, Robert N.: *See*—

Sunder, Swaminathan; and Miller, Robert N., 4,539,094, Cl. 208-8.0LE.

Sunder, Swaminathan; and Miller, Robert N., 4,539,095, Cl. 208-8.0LE.

Miller, Robert P.: *See*—

Geary, David F.; Honchar, Dennis R.; and Miller, Robert P., 4,540,637, Cl. 428-626.000.

Miller, Robert W. Method of repairing ballistic damage. 4,517,038, 5-14-85, Cl. 156-98.000.

Miller, Robert W. Flight simulating video game. 4,527,980, 7-9-85, Cl. 434-55.000.

Miller, Ronald L., to Research Corporation. Diagnostic method for determining content of sialic acid or sialoprotein. 4,520,111, 5-28-85, Cl. 436-501.000.

Miller, Ronald L.: *See*—

Neron, Joseph; Hudson, William S.; and Miller, Ronald L., 4,510,825, Cl. 81-57.290.

Silver, Howard F.; and Miller, Ronald L., 4,537,675, Cl. 208-8.0LE.

Miller, Ronald P.; Chiles, William H.; and Masteller, Bill L., to Allied Corporation. Variable digital delay circuit. 4,506,348, 3-19-85, Cl. 365-73.000.

Miller, Ronnie F.: *See*—

Miller, Darwin L.; and Miller, Ronnie F., 4,517,828, Cl. 73-46.000.

Miller, Roscoe E. Enema apparata improvements relating to double contrast studies. 4,504,270, 3-12-85, Cl. 604-275.000.

Miller, Roy W., to Pullman Standard, Inc. Slackless non-cushioned drawbar arrangement for railway car underframe. 4,555,033, 11-26-85, Cl. 213-51.000.

Miller, Sandra L.: *See*—

Tarjan, Peter P.; Miller, Sandra L.; and Martin, John, 4,549,556, Cl. 128-785.000.

Miller, Scott A., III, to Johnson Engineering Corp. Personnel monitoring and locating system. 4,495,496, 1-22-85, Cl. 340-825.540.

Miller Screen & Design, Inc.: *See*—

Miller, Henry L., 4,520,727, Cl. 101-127.000.

Miller, Sheldon M., to Tesco Engineering Company. Seismic system with signal multiplexers. 4,497,045, 1-29-85, Cl. 367-78.000.

Miller Special Tools, Division of Triangle Corporation: *See*—

Koslow, James R., 4,520,773, Cl. 123-198.00A.

Williams, Richard L., 4,542,335, Cl. 324-66.000.

Miller, Stanley, to J. Stanley Miller Corporation. Apparatus for desalinating water. 4,525,243, 6-25-85, Cl. 202-181.000.

Miller, Stephen B.; Stewart, Ronald L.; and Thompson, David A., to Corning Glass Works. Process for making sintered glasses and ceramics. 4,501,602, 2-26-85, Cl. 65-18.200.

Miller, Stephen D. Insulating material. 4,550,046, 10-29-85, Cl. 428-116.000.

Miller, Stephen H.: *See*—

Covington, Roger G.; and Miller, Stephen H., 4,553,232, Cl. 369-287.000.

Miller, Stephen J., to Chevron Research Company. Low activity catalyst oligomerization process. 4,511,746, 4-16-85, Cl. 585-323.000.

Miller, Stephen J., to Chevron Research Company. Olefin oligomerization with an activated catalyst. 4,511,750, 4-16-85, Cl. 585-526.000.

Miller, Stephen J., to Chevron Research Company. Oligomerization of liquid olefin over a nickel-containing silicaceous crystalline molecular sieve. 4,538,012, 8-27-85, Cl. 585-255.000.

Miller, Stephen J., to Chevron Research Company. Oligomerization of liquid olefin over a nickel-containing silicaceous crystalline molecular sieve. 4,542,251, 9-17-85, Cl. 585-533.000.

Miller, Stephen J., to Chevron Research Company. Oligomerization of liquid olefin over a nickel-containing silicaceous crystalline molecular sieve and hydrocarbyl aluminum halide. 4,551,438, 11-5-85, Cl. 502-62.000.

Miller, Stephen J., to Chevron Research Company. One-step stabilizing and dewaxing of lube oils. 4,561,967, 12-31-85, Cl. 208-120.000.

Miller, Stephen J.: *See*—

Mayer, Jerome F.; and Miller, Stephen J., 4,495,061, Cl. 208-89.000.

Miller, Steven P.; and Quan, Stella S. M., to Beckman Instruments, Inc. Double antibody immunoassays of enzymes such as prostatic acid phosphatase. 4,510,239, 4-9-85, Cl. 435-7.000.

Miller, Steven R.: *See*—

White, Allan E.; Coleman, David E.; and Miller, Steven R., 4,493,651, Cl. 434-188.000.

Miller, Stewart E., to AT&T Bell Laboratories. Active optical fiber tap. 4,549,782, 10-29-85, Cl. 350-96.160.

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Copeland, John A.; and Miller, Stewart E., 4,533,833, Cl. 250-551.000.

Miller, Terence, to Scapa-Porritt Limited. Papermakers fabrics. 4,529,013, 7-16-85, Cl. 139-383.00A.

Miller, Theodore E., Jr., to Dow Chemical Company, The. Method for metering sub-10 cc/minute liquid flow. 4,491,024, 1-1-85, Cl. 73-861.050.

Miller, Theodore E., Jr., to Dow Chemical Company, The. Dynamic surface tensiometry and method. 4,527,421, 7-9-85, Cl. 73-64.400.

Miller, Theodore E., Jr.; and Small, Hamish, to Dow Chemical Company, The. Apparatus for metering sub-10 cc/minute liquid flow. 4,532,811, 8-6-85, Cl. 73-861.050.

Miller, Theodore E., Jr.: *See*—

Bell, David R.; and Miller, Theodore E., Jr., 4,533,643, Cl. 436-178.000.

Miller, Theodore H.: *See*—

Balducci, Walter O.; and Miller, Theodore H., 4,498,319, Cl. 70-92.000.

Miller, Thomas: *See*—

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Miller, Thomas J., to Topline Automotive Engineering Inc. Apparatus and method for engine prelubrication. 4,524,734, 6-25-85, Cl. 123-196.00S.

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Miller, Thomas M.; and Schraff, Raymond J., to Eltech Systems Corporation. Readily repairable and lightweight insulating cover for a heated metal container. 4,530,441, 7-23-85, Cl. 220-215.000.

Miller, Thomas P. Puller mechanism for assembling pipelines. 4,519,122, 5-28-85, Cl. 29-237.000.

Miller, Thomas P., to Textron, Inc. Capacitive discharge ignition with long spark duration. 4,538,586, 9-3-85, Cl. 123-620.000.

Miller, Thomas P. Roller bed vehicle. 4,549,844, 10-29-85, Cl. 414-534.000.

Miller, Thomas R., to Concoco Inc. Degasification of coal. 4,544,208, 10-1-85, Cl. 299-12.000.

Miller-Thomson, James J.; and Dupuis, Gilles, to Northern Telecom Limited. Single frequency detection circuit. 4,546,490, 10-8-85, Cl. 381-56.000.

Miller, Timothy J. E., to General Electric Company. Method of commutation and converter circuit for switched reluctance motors. 4,500,824, 2-19-85, Cl. 318-701.000.

Miller, Timothy J. E.; Jones, Donald W.; and Kalan, Gary L., to General Electric Company. Method of making a permanent magnet rotor. 4,510,680, 4-16-85, Cl. 29-598.000.

Miller, Timothy J. E.: *See*—

Jones, Donald W.; and Miller, Timothy J. E., 4,506,181, Cl. 310-156.000.

Miller, Walter E., to Black & Decker Inc. Thermostatically controlled electric kettle. 4,544,830, 10-1-85, Cl. 219-328.000.

Miller, Walter E., Jr.; and McKelvy, James W., to United States of America, Army. Power line field interference rejection for magnetic sensors. 4,514,690, 4-30-85, Cl. 324-225.000.

Miller, Walter E., Jr.; Westrich, Richard G., Jr.; and Jones, Michael M., to United States of America, Army. Short range optical rangefinder. 4,556,313, 12-3-85, Cl. 356-1.000.

Miller, Walter G.; Mace, Michel; and Zitterbart, George, to Wormald Fire Systems, Inc. Fire extinguishing system. 4,520,871, 6-4-85, Cl. 169-43.000.

Miller, Walter J., to Pennwalt Corporation. Method of manufacture of EMI/RFI vapor deposited composite shielding panel. 4,544,571, 10-1-85, Cl. 427-40.000.

Miller, Wendell R., to Quantum Systems Corporation. Filtering apparatus. 4,517,088, 5-14-85, Cl. 210-411.000.

Miller, Wiley W.: *See*—

Harris, Stephen K.; and Miller, Wiley W., 4,499,630, Cl. 16-121.000.

Miller, William, to Ebert, Michael. Manifold valve assembly. 4,498,500, 2-12-85, Cl. 137-883.000.

Miller, William D.; Stiff, Omar L.; and Mercurio, Benardo, to William D. Miller, Inc. Apparatus for removing sprinkler pipe from a field. 4,553,900, 11-19-85, Cl. 414-745.000.

Miller, William G., to Xerox Corporation. Document scanning drum and flash exposure copier. 4,529,294, 7-16-85, Cl. 355-14.00R.

Miller, William H., to General Electric Company. Dynamoelectric machine stator mounting means and method of making same. 4,536,671, 8-20-85, Cl. 310-258.000.

Miller, William I.; and Reimiller, Robert D., to Micro Automation, Inc. Pattern alignment system and method. 4,515,480, 5-7-85, Cl. 356-400.000.

Miller, William J.; and Faber, Norman, Jr., to Wacker Corporation. Flexible shaft having detachable end connections. 4,555,238, 11-26-85, Cl. 464-52.000.

Miller, William P.; and Shah, Atul, to Parker-Hannifin Corporation. Hose coupling joint. 4,522,435, 6-11-85, Cl. 285-256.000.

Miller, William R.; and Prasad, Chandrika, to International Business Machines Corporation. Process for controlled braze joining of electronic packaging elements. 4,518,112, 5-21-85, Cl. 228-124.000.

Miller, William R.: *See*—

Fisher, Kenneth J.; and Miller, William R., 4,538,214, Cl. 362-147.000.

Miller, William S.: *See*—

Dickerson, Richard C.; and Miller, William S., 4,540,493, Cl. 210-669.000.

Dickerson, Richard C.; and Miller, William S., 4,556,492, Cl. 210-668.000.

Miller-Woods Inc.: *See*—

Kuehnl, Charles M., 4,557,238, Cl. 123-492.000.

Millerd, Donald L.: *See*—

Hemmerich, Karl J.; Millerd, Donald L.; and Semedo, Anthony B., 4,515,591, Cl. 604-152.000.

Milles, Maano: *See*—

Desjardins, Paul J.; Menon, Sathischandran; Milles, Maano; and Pawel, Hans E., 4,530,367, Cl. 128-777.000.

- Millet, Catherine; Ser, Jean-Claude; and N'Guyen, Quang L., to L'Oreal. Emulsifying system based on a fatty acid or a protein condensate, a polyoxyethylenated sterol and a phosphatide, and a cosmetic or pharmaceutical composition containing the same. 4,537,782, 8-27-85, Cl. 514-774.000.
- Millet, Claude: *See—*
  - Dromard, Adrien; and Millet, Claude, 4,508,845, Cl. 502-159.000.
- Millet, George H., to Minnesota Mining and Manufacturing Company. Cyanoacrylate adhesive composition containing tannins. 4,511,686, 4-16-85, Cl. 524-110.000.
- Millet, George H.; Harrell, Edward R.; and Wright, Charles D., to Minnesota Mining and Manufacturing Company. Cyanoacrylate adhesive composition having sustained toughness. 4,560,723, 12-24-85, Cl. 524-486.000.
- Millet, Nolan J., Jr.: *See—*
  - Cescon, Lawrence A.; and Millet, Nolan J., Jr., 4,555,278, Cl. 149-21.000.
- Millet, Serge D. Oil changing and lubricating apparatus. 4,508,195, 4-2-85, Cl. 184-1.500.
- Millett, James A.: *See—*
  - Millett, Robert A.; and Millett, James A., 4,546,949, Cl. 248-514.000.
- Millett, Robert A.; and Millett, James A., to ROI Development Corp. Mount. 4,546,949, 10-15-85, Cl. 248-514.000.
- Millheim, Keith K.; and Warren, Tom M., to Standard Oil Company, The. System to control the vertical movement of a drillstring. 4,535,972, 8-20-85, Cl. 254-277.000.
- Millhone, Ralph S.: *See—*
  - Elson, Thomas D.; and Millhone, Ralph S., 4,537,254, Cl. 166-278.000.
  - Elson, Thomas D.; and Millhone, Ralph S., 4,548,269, Cl. 166-276.000.
- Milligan, Aaron. Prevention and removal of stains in pools and spas. 4,519,847, 5-28-85, Cl. 134-28.000.
- Milligan, Barton; and DeLaMater, George B., to Air Products and Chemicals, Inc. Hydroxy aromatic compounds from alkali metal hydroxide and mononuclear aromatic compound. 4,533,763, 8-6-85, Cl. 568-716.000.
- Milligan, Barton; and DeLaMater, George B., to Air Products and Chemicals, Inc. Polyhydroxy aromatic compounds from alkali metal hydroxide and mononuclear aromatic compounds. 4,533,765, 8-6-85, Cl. 568-763.000.
- Milligan, Barton: *See—*
  - Grandin, Roland E.; and Milligan, Barton, 4,501,922, Cl. 564-408.000.
  - Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, 4,507,459, Cl. 528-64.000.
  - Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, 4,519,432, Cl. 152-357.00A.
- Millikan, Robert C.: *See—*
  - Gilbert, Jerry R.; Millikan, Robert C.; Wysowski, Charles H.; and Pyburn, John R., Jr., 4,515,518, Cl. 414-459.000.
- Milliken Research Corporation: *See—*
  - Ashley, Fred C., 4,515,327, Cl. 242-118.300.
  - Berczi, Charles N.; and Hall, Karen, 4,522,872, Cl. 428-257.000.
  - Berczi, Charles N.; and Hall, Karen, 4,524,170, Cl. 524-371.000.
  - Bishop, Lewis A., 4,538,432, Cl. 68-5.00C.
  - Cogan, Jerry A., Jr., 4,497,863, Cl. 428-253.000.
  - Engels, Walter, 4,498,217, Cl. 26-9.000.
  - Engels, Walter, 4,531,265, Cl. 26-9.000.
  - Frye, Samuel M.; and Singleton, James O., 4,514,134, Cl. 414-659.000.
  - Greenway, John M., 4,499,637, Cl. 26-2.00R.
  - Higgins, Kenneth B., 4,522,857, Cl. 428-95.000.
  - Johnson, Harold L., 4,532,760, Cl. 57-283.000.
  - Kluger, Edward W.; and Moore, Patrick D., 4,507,407, Cl. 521-113.000.
  - Love, Franklin S., III, 4,533,245, Cl. 356-238.000.
  - Machell, Greville, 4,562,265, Cl. 549-364.000.
  - Murray, John H., 4,554,705, Cl. 16-110.00R.
  - Otto, Wolfgang K. F., 4,512,065, Cl. 26-28.000.
  - Rekers, John W., 4,515,666, Cl. 204-159.200.
  - Varner, George C., 4,545,086, Cl. 8-151.000.
- Millington, Douglas; and Yewman, Peter W. W., to Cogsdill Tool Products, Inc. Reamer with angled blade and full length clamp. 4,547,102, 10-15-85, Cl. 408-185.000.
- Millington, Michael J., to Parsons Controls Limited. Chain components. 4,497,169, 2-5-85, Cl. 59-84.000.
- Millington, Michael J., to Handicart Limited. Trolley for use with a wheelchair. 4,555,124, 11-26-85, Cl. 280-289.0WC.
- Millington, Michael J., to Parsons Controls Limited. Chain components. 4,556,246, 12-3-85, Cl. 294-82.110.
- Millio, Louis J.: *See—*
  - Kyriakos, Constantinos S.; Maurer, Dean S.; and Millio, Louis J., 4,503,401, Cl. 331-4.000.
- Million, Karl; and Zimmermann, Horst, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method and apparatus for manufacturing a tube bend metal. 4,517,434, 5-14-85, Cl. 219-76.120.
- Millipore Corporation: *See—*
  - Carson, William W., 4,526,053, Cl. 74-424.80C.
  - Dourdeville, Theodore A.; and Lymneos, Anthony, 4,534,659, Cl. 366-338.000.
  - Driscoll, Michael A.; and Edwards, James H., 4,517,085, Cl. 210-232.000.
  - Ganzi, Gary C.; and Paul, Charles T., 4,512,892, Cl. 210-493.200.
  - Kessler, Stephen B., 4,540,492, Cl. 210-651.000.
  - Kiovsky, Joseph R.; and Hendrick, Clifford L., 4,526,690, Cl. 210-335.000.
  - Lymneos, Anthony C., 4,501,969, Cl. 250-373.000.
  - Martha, Eugene F., Jr., 4,545,497, Cl. 215-253.000.
  - Merrill, Wayne S., 4,501,663, Cl. 210-347.000.
  - Rising, Donald B.; and Naegeli, Richard G., Jr., 4,525,182, Cl. 55-159.000.
- Millis, Donald E.; and Grys, Rodger J., to North Coast Systems, Inc. Liquid pump control. 4,505,643, 3-19-85, Cl. 417-12.000.
- Milloch, Robert L.: *See—*
  - Corbett, Colin D.; Milloch, Robert L.; and Sarno, Felicisimo S., 4,508,741, Cl. 426-303.000.
- Millot, Jean-Paul; Desfontaines, Guy; and Babin, Michel, to Framatome & Cie. Actuating device for two clusters of control rods movable vertically in one and the same fuel array of the core of a nuclear reactor. 4,544,521, 10-1-85, Cl. 376-209.000.
- Mills, Aubrey C.; and Akkerman, Neil H., to AVA International Corporation. Well packers. 4,505,332, 3-19-85, Cl. 166-120.000.
- Mills, David; Kington, Alan D.; and Close, Rodney J., to Rolls-Royce Limited. Mould assembly for casting metal articles. 4,516,621, 5-14-85, Cl. 164-339.000.
- Mills, David; Kington, Alan D.; and Lovell, Philip J., to Rolls-Royce Limited. Refractory articles and the method for the manufacture thereof. 4,520,117, 5-28-85, Cl. 501-107.000.
- Mills, David, to Rolls-Royce Limited. Surface oxide layer treatment. 4,528,043, 7-9-85, Cl. 148-13.100.
- Mills, David; Lindahl, Anthony T.; and Kington, Alan D., to Rolls-Royce Limited. Component casting. 4,532,974, 8-6-85, Cl. 164-132.000.
- Mills, David, to Rolls-Royce Limited. Mould assembly for casting metal articles and a method of manufacture thereof. 4,552,197, 11-12-85, Cl. 164-34.000.
- Mills, David; and Kington, Alan D., to Rolls-Royce Limited. Removing refractory material from components. 4,552,198, 11-12-85, Cl. 164-122.200.
- Mills, David: *See—*
  - Goddard, John; Mills, David; and Moulden, Alan J., 4,541,475, Cl. 164-65.000.
- Mills, David R.: *See—*
  - Ruck, Nancy C.; Mills, David R.; and Harting, Erik, 4,557,565, Cl. 350-262.000.
- Mills, Delbert L. Apparatus for lifting crops. 4,490,967, 1-1-85, Cl. 56-312.000.
- Mills, Donald F., to Mallinckrodt, Inc. Peptide-type substrates useful in the quantitative determination of endotoxin. 4,510,241, 4-9-85, Cl. 435-23.000.
- Mills, Earl J.: *See—*
  - Rothfuss, Robert G.; Kuhl, David K.; Bilotti, Federico; Melling, Hugh; and Mills, Earl J., 4,534,351, Cl. 128-334.00R.
- Mills, Elden H.: *See—*
  - Abbott, Vaughan; Beckwith, Bruce R.; Kingsbury, Charles M.; Mungovan, John P.; and Mills, Elden H., 4,528,017, Cl. 65-240.000.
- Mills, George A.; and Richert, Gerald R., to Pennwalt Corporation. Apparatus and method for processing fruit and the like. 4,515,275, 5-7-85, Cl. 209-558.000.
- Mills, George A. Apparatus and method for processing fruit and the like. 4,534,470, 8-13-85, Cl. 209-585.000.
- Mills, Harold E.; Murdock, David L.; Ramer, Richard M.; and Sale, Francis M., to Occidental Chemical Agricultural Products, Inc. Process for blending phosphoric acids of differing impurity content. 4,521,392, 6-4-85, Cl. 423-317.000.
- Mills, John E., to McNeilab, Inc. Imidoyl substituted pyrroles. 4,528,382, 7-9-85, Cl. 548-561.000.
- Mills, John E.: *See—*
  - Feth, Georg; and Mills, John E., 4,499,274, Cl. 546-229.000.
- Mills, John G., II: *See—*
  - Waters, John, Jr., 4,506,473, Cl. 43-107.000.
- Mills, Kenneth. Disposable lid for drinking cups. 4,502,608, 3-5-85, Cl. 220-90.400.
- Mills, Kenneth R., to Phillips Petroleum Company. Treating polymers of ethylene. 4,504,615, 3-12-85, Cl. 524-291.000.
- Mills, Laurence P.: *See—*
  - Priddey, Brian F.; and Mills, Laurence P., 4,498,327, Cl. 72-341.000.
- Mills, Loring K., to Polaroid Corporation. Apparatus having improved film take-up spool. 4,531,684, 7-30-85, Cl. 242-71.100.
- Mills, Marvin A., Jr.; Moyer, William C.; MacGregor, Douglas B.; and Zolnowsky, John E., to Motorola, Inc. Virtual machine data processor. 4,524,415, 6-18-85, Cl. 364-200.000.
- Mills, Marvin A., Jr.: *See—*
  - MacGregor, Douglas B.; Moyer, William C.; Mills, Marvin A., Jr.; and Zolnowsky, John E., 4,493,035, Cl. 364-200.000.
- Mills, Patrick L.: *See—*
  - Auvil, Steven R.; and Mills, Patrick L., 4,503,260, Cl. 568-462.000.
- Mills, Perry A., to Cardiac Pacemakers, Inc. Pacemaker with adaptive sensing means for use with unipolar or bipolar leads. 4,532,931, 8-6-85, Cl. 128-419.0PG.
- Mills, Robert C. Multi-purpose hand tool. 4,549,611, 10-29-85, Cl. 172-375.000.
- Mills, Ross N.: *See—*
  - Chee-Shuen Lee, Francis; Mills, Ross N.; and Talke, Frank E., 4,499,479, Cl. 346-140.00R.
  - Lee, Francis C.; Mills, Ross N.; Niwcigha, Tiefa K.; and Talke, Frank E., 4,492,968, Cl. 346-140.00R.

  Lee, Francis C.; Mills, Ross N.; Payne, Robert N.; and Talke, Frank E., 4,513,299, Cl. 346-140.00R.
Mills, Sherry J.: *See—*
  Riggins, Oral L.; Mills, Sherry J.; Warkentin, John H.; Stephans, Joseph P.; and Wisdom, Clancy O., 4,528,433, Cl. 200-150.00C.
Mills, Stephen D.; and Brown, Charles D. Stopper support mechanism for casting containers. 4,508,247, 4-2-85, Cl. 222-598.000.
Mills, Stuart D.: *See—*
  Brown, David Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,495,185, Cl. 514-242.000.
  Hargreaves, Rodney B.; McLoughlin, Bernard J.; and Mills, Stuart D., 4,558,045, Cl. 514-222.000.
Mills, William R.: *See—*
  Allen, Linus S.; and Mills, William R., 4,556,793 Cl. 250-267.000.
Millward, Cyril: *See—*
  Else, George E.; Millward, Cyril; Dixon, Ronald H. T.; and Jorgensen, Knut, 4,500,352, Cl. 75-130.00B.
Milne, David J.: *See—*
  Andrews, William H.; Milne, David J.; Moyle, Ronald W.; and Peters, James P., 4,548,795, Cl. 423-126.000.
Milne, John D. Electrical anti-short bushing. 4,535,196, 8-13-85, Cl. 174-83.000.
Milne, Robin I.; and Kirkland, Lester, to Mitel Corporation. Telephone indicator. 4,544,808, 10-1-85, Cl. 179-99.0LS.
Milne, William G.; and Saruwatari, Minoru, to Tundra Holdings Ltd. Emergency escape system. 4,499,966, 2-19-85, Cl. 182-3.000.
Milner, Christopher J., to Unisearch Limited. Self-balancing DC-substitution measuring system. 4,530,044, 7-16-85, Cl. 323-365.000.
Milner, David J., to Imperial Chemical Industries PLC. Process for the preparation of cyanotetrachlorobenzenes. 4,517,129, 5-14-85, Cl. 260-465.00G.
Milner, Ed M.; and Mykrantz, John R. Artificial cross-country ski surface with pair of bent over ski tracks. 4,497,854, 2-5-85, Cl. 428-17.000.
Milner, Geoffrey; Butler, Michael F.; and Ashworth, Robert A., to DM International, Inc. Process for the gasification of fuels. 4,498,909, 2-12-85, Cl. 48-209.000.
Milner, Morris: *See—*
  Ginpil, Frederick D.; Milner, Morris; and Senders, John W., 4,547,918, Cl. 5-446.000.
Milner, Peter H., to Beecham Group p.l.c. β-Lactam antibacterial agents. 4,539,149, 9-3-85, Cl. 260-239.100.
Milner, Peter H., to Beecham Group p.l.c. Process for the preparation of β-lactam compounds. 4,555,363, 11-26-85, Cl. 260-239.100.
Milner, Thomas G.: *See—*
  Hyltin, Tom M.; Milner, Thomas G.; and Frye, Elam C., Jr., 4,501,939, Cl. 200-6.00A.
Milo, August. Fill pipe lock assembly. 4,490,996, 1-1-85, Cl. 70-165.000.
Milora, David J., to Pennwalt Corporation. Highly alkaline cleaning dispersion. 4,521,332, 6-4-85, Cl. 252-527.000.
Milov, Vladimir N.: *See—*
  Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.; and Berdiev, Oleg S., 4,519,437, Cl. 164-284.000.
Milovidov, Boris A. Method of determining the content of combustibles in the end products of fuel combustion and apparatus realizing said method. 4,533,258, 8-6-85, Cl. 374-36.000.
Milsco Manufacturing Company: *See—*
  Hill, Kevin E., 4,533,110, Cl. 248-573.000.
  Hill, Kevin E., 4,561,621, Cl. 248-397.000.
Milsom, Robert F., to U.S. Philips Corporation. Acoustic surface wave device. 4,511,866, 4-16-85, Cl. 333-194.000.
Milsom, Robert F.: *See—*
  Schofield, John; and Milsom, Robert F., 4,513,262, Cl. 333-194.000.
Milton Bradley Company: *See—*
  Hughes, David C., 4,536,167, Cl. 446-396.000.
  Montlick, Terry; Skoge, Klaus; Vetter, David C.; and Ahrens, Paul R., 4,520,499, Cl. 381-36.000.
Milton, James W.; and Boig, Robert W., to Van Dorn Company. Plastic container and closure. 4,518,097, 5-21-85, Cl. 220-307.000.
Milton Roy Company: *See—*
  Bingler, Douglas J., 4,526,507, Cl. 415-170.00B.
  Bingler, Douglas J., 4,543,228, Cl. 264-275.000.
  Goodnight, Lyman E., Jr., 4,512,899, Cl. 210-656.000.
Miltonberger, Thomas W., to Gould Inc. Feedback system with automatic gain control action. 4,499,610, 2-12-85, Cl. 455-619.000.
Milum, J. David. Sharpener for a spreading tool. 4,498,360, 2-12-85, Cl. 76-88.000.
Milverton, David R. J.: *See—*
  Bowman, Roger; Peach, Robert C.; and Milverton, David R. J., 4,527,866, Cl. 350-358.000.
Milwaukee Valve Company: *See—*
  Fenster, Abraham S.; and Buechler, Lawrence W., 4,518,008, Cl. 137-552.000.
  Miller, Frank J., 4,526,194, Cl. 137-385.000.
Mima, Hiroshi, to Murata Kikai Kabushiki Kaisha. Method of preventing irregular untwisting of yarn ends in splicing spun yarns. 4,494,368, 1-22-85, Cl. 57-22.000.
Mima, Hiroshi, to Murata Kikai Kabushiki Kaisha. Method of splicing spun yarns. 4,505,097, 3-19-85, Cl. 57-22.000.
Mima, Hiroshi, to Murata Kikai Kabushiki Kaisha. Spun yarn splicing device. 4,555,899, 12-3-85, Cl. 57-22.000.
Mima, Hiroshi: *See—*
  Matsui, Isamu; and Mima, Hiroshi, 4,537,019, Cl. 57-202.000.
Mima, Yujiro: *See—*
  Ueda, Hiroshi; and Mima, Yujiro, 4,530,580, Cl. 354-82.000.
Mimeur, Jacques: *See—*
  Andrie, Philippe; and Mimeur, Jacques, 4,509,263, Cl. 33-169.00R.
Mimken, Frederick, to Harris Corporation. Synchronization method and frequency hopping communication system. 4,558,453, 12-10-85, Cl. 375-1.000.
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  Kopinga, Wiert; and Mimmel, Herbert, 4,527,017, Cl. 179-115.5PV.
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  Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.
Mimoun, Hubert; Saussine, Lucien; Daire, Erick; Robine, Alain; and de Luzinais, Jacques G., to Institut Francais du Petrole. Peroxidic complexes of vanadium, niobium and tantalum, used as reactants and as catalysts for olefins epoxidation and hydrocarbons hydroxylation. 4,529,824, 7-16-85, Cl. 568-803.000.
Mims, Bruce L., to Branson Ultrasonics Corporation. Ultrasonic welding apparatus. 4,529,473, 7-16-85, Cl. 156-580.200.
Mims, Donald S.; and Allen, Richard S., to Texaco Inc. Tar sand production using thermal stimulation. 4,508,172, 4-2-85, Cl. 166-303.000.
Mims, Donald S., to Texaco Inc. Bitumen production and substrate stimulation. 4,511,000, 4-16-85, Cl. 166-303.000.
Mims, Donald S.; and Widmyer, Richard H., to Texaco Inc. Bitumen production and substrate stimulation with flow diverter means. 4,532,986, 8-6-85, Cl. 166-50.000.
Mims, Donald S.; and Frazier, Terry L., to Texaco Inc. Method of measuring quality of steam in a flow fine. 4,542,993, 9-24-85, Cl. 374-42.000.
Mims, Donald S.: *See—*
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Mims, Herman. Sorting apparatus for food items. 4,535,881, 8-20-85, Cl. 198-420.000.
Mims, Philip B. Heating device. 4,519,378, 5-28-85, Cl. 126-225.000.
Mimura, Nobuharu; Yoshida, Kazunori; Kawabata, Susumu; and Hasegawa, Junzo, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Weft yarn storage unit for jet looms. 4,516,611, 5-14-85, Cl. 139-452.000.
Mimura, Tomonori; Sagusa, Hisayuki; Satou, Takehide; and Takahashi, Katsuaki, to Hitachi, Ltd. Sampling apparatus. 4,543,238, 9-24-85, Cl. 422-63.000.
Mimura, Yoshiki; Arai, Tetsuji; Shimizu, Hiroshi; and Fukuda, Satoru, to Ushio Denki Kabushiki Kaisha. Heater assembly and a heat-treatment method of semiconductor wafer using the same. 4,535,228, 8-13-85, Cl. 219-411.000.
Mimura, Yoshiki: *See—*
  Arai, Tetsuji; Mimura, Yoshiki; and Shimizu, Hiroshi, 4,493,977, Cl. 219-411.000.
  Arai, Tetsuji; and Mimura, Yoshiki, 4,511,788, Cl. 219-405.000.
  Arai, Tetsuji; and Mimura, Yoshiki, 4,525,380, Cl. 427-53.100.
Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, to Olympus Optical Co., Ltd. Photosensitive member for electrophotography with mirror finished support. 4,492,745, 1-8-85, Cl. 430-67.000.
Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, to Olympus Optical Co., Ltd. Multiconductive layer electrophotographic photosensitive device and method of manufacture thereof. 4,537,845, 8-27-85, Cl. 430-58.000.
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Mimura, Yoshiyuki: *See—*
  Okada, Takao; Toda, Akitoshi; and Mimura, Yoshiyuki, 4,526,848, Cl. 430-55.000.
  Toda, Akitoshi; and Mimura, Yoshiyuki, 4,546,722, Cl. 118-657.000.
Min, Young K., to PT Components, Inc. Sparkless circuit for low horsepower electronic motor brake. 4,560,913, 12-24-85, Cl. 318-760.000.
Mina, Kent V.: *See—*
  Buzzard, Clair A.; and Mina, Kent V., 4,535,454, Cl. 370-110.200.
Minaev, Alexandr S.: *See—*
  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
Minagawa, Motoi, to Takasago Perfumery Co., Ltd. Foam washing method. 4,499,620, 2-19-85, Cl. 8-158.000.
Minagawa, Motonobu; Nakahara, Yutaka; Shibata, Toshihiro; and Tobita, Etsuo, to Adeka Argus Chemical Co., Ltd. Bis(2,2,6,6-tetramethylpiperidyl-1,3,5-triazinyl)-spirodiamines and spiroglycol ethers and synthetic resin compositions containing the same. 4,491,643, 1-1-85, Cl. 524-96.000.
Minagawa, Motonobu; Kubota, Naohiro; and Shibata, Toshihiro, to Adeka Argus Chemical Co., Ltd. Copolymer light stabilizers having at least one 2,2,6,6-tetraalkyl piperidyl group and synthetic resin compositions containing the same. 4,499,220, 2-12-85, Cl. 524-102.000.
Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, to Adeka Argus Chemical Co., Ltd. Light stabilizing N,N,N-tris(2,2,6,6-tetramethyl-4-piperidone ketal)-1,3,5-triazine de-

rivatives and light stabilized synthetic resin compositions. 4,500,663, 2-19-85, Cl. 524-101.000.

Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, to Adeka Argus Chemical Co., Ltd. Polyhydric alcohol ethers of 2,2,6,6-tetramethyl-4-piperidone ketals and synthetic resin compositions. 4,525,506, 6-25-85, Cl. 524-102.000.

Minagawa, Motonobu: *See—*
  Leistner, William E.; Minagawa, Motonobu; Nakahara, Yutaka; Haruna, Tohru; and Nishimura, Atsushi, 4,529,760, Cl. 524-102.000.

Minagawa, Shoichi; and Okamoto, Takeshi, to Clarion Co., Ltd. Parametric amplifier. 4,543,533, 9-24-85, Cl. 330-5.500.

Minagawa, Shoichi: *See—*
  Asai, Ryuichi; Okamato, Takeshi; and Minagawa, Shoichi, 4,562,371, Cl. 310-313.00A.
  Niitsuma, Teruo; Minagawa, Shoichi; and Okamoto, Takeshi, 4,491,811, Cl. 333-151.000.
  Okamoto, Takeshi; and Minagawa, Shoichi, 4,521,711, Cl. 310-313.00B.
  Okamoto, Takeshi; Minagawa, Shoichi; and Niitsuma, Teruo, 4,531,107, Cl. 333-194.000.
  Sakai, Takamasa; and Minagawa, Shoichi, 4,529,995, Cl. 357-14.000.

Minagawa, Yoshiji: *See—*
  Yamazaki, Hiroyoshi; Minagawa, Yoshiji; Tsuchihashi, Michihiro; Anzai, Yoshinori; and Kajiwara, Toshiro, 4,544,862, Cl. 315-209.00R.

Minai, Masayoshi; and Katsura, Tadashi, to Sumitomo Chemical Company, Limited. Process for preparing 2-cyclopentenone derivatives. 4,496,767, 1-29-85, Cl. 568-346.000.

Minai, Masayoshi; and Katsura, Tadashi, to Sumitomo Chemical Company, Limited. Process for producing 4-cyclopentenones. 4,511,655, 4-16-85, Cl. 435-149.000.

Minai, Masayoshi; and Katsura, Tadashi, to Sumitomo Chemical Company, Limited. Process for preparing 2-cyclopentenone esters. 4,535,182, 8-13-85, Cl. 560-231.000.

Minai, Masayoshi; Katsura, Tadashi; Hamada, Kazuhiko; and Suzukamo, Gohfu, to Sumitomo Chemical Company, Limited. Method for producing an optically active 2,2-dimethylcyclopropanecarboxylic acid. 4,542,235, 9-17-85, Cl. 562-401.000.

Minai, Masayoshi: *See—*
  Shiota, Katsuyuki; Tanaka, Kunihiko; and Minai, Masayoshi, 4,540,825, Cl. 568-341.000.

Minakami, Hiroyuki: *See—*
  Fujiyama, Seiichi; Minakami, Hiroyuki; and Masai, Hiroshi, 4,514,563, Cl. 536-123.000.

Minakata, Itsuo: *See—*
  Ito, Osamu; Yamasaki, Harumasa; Minakata, Itsuo; and Nishizawa, Kazunori, 4,524,577, Cl. 57-200.000.

Minakata, Matsuo: *See—*
  Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,507,539, Cl. 219-121.0PY.
  Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,550,578, Cl. 68-5.00E.

Minakata, Tsuyoshi: *See—*
  Onoyama, Takashi; Ando, Osamu; and Minakata, Tsuyoshi, 4,552,199, Cl. 164-423.000.

Minakawa, Masaaki: *See—*
  Kami, Yozo; Minakawa, Masaaki; and Kubo, Kenji, 4,538,831, Cl. 280-666.000.
  Sakata, Mamoru; and Minakawa, Masaaki, 4,530,415, Cl. 180-297.000.

Minaki, Toshihiro: *See—*
  Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.

Minakuchi, Fumio, to Aisin Seiki Kabushiki Kaisha. Auxiliary presser foot for engaging a previously formed stitch. 4,519,333, 5-28-85, Cl. 112-311.000.

Minakuchi, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Binary counter. 4,509,182, 4-2-85, Cl. 377-116.000.

Minakuchi, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Integrated precision reference source. 4,559,488, 12-17-85, Cl. 323-281.000.

Minami, Akira: *See—*
  Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, 4,545,932, Cl. 260-112.50R.

Minami, Eiji, to Matsushita Electric Industrial Co., Ltd. Device for controlling and displaying the functions of an electric or electronic apparatus. 4,492,958, 1-8-85, Cl. 340-825.250.

Minami, Eiji. Musical performance unit. 4,546,687, 10-15-85, Cl. 84-1.280.

Minami, Hisashi: *See—*
  Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.

Minami, Hitoshi, to Pentel Kabushiki Kaisha. Multicolor printer. 4,515,487, 5-7-85, Cl. 400-121.000.

Minami, Kazuaki; Totani, Shinzo; Miura, Kunio; Akutsu, Kazushi; and Ohyama, Shinji, to Nippondenso Co., Ltd. Navigation system for use with an automobile and reading unit for the system. 4,502,123, 2-26-85, Cl. 364-424.000.

Minami, Kazuaki: *See—*
  Hasebe, Koshi; Miura, Kunio; Ono, Takashi; Akutsu, Kazushi; and Minami, Kazuaki, 4,513,377, Cl. 364-449.000.
  Miura, Kunio; Hasebe, Koshi; Ono, Takashi; Akutsu, Kazushi; Ohyama, Shinji; and Minami, Kazuaki, 4,504,913, Cl. 364-449.000.

Minami, Kazuo, to Tokyo Institute of Technology. Cold-cathode magnetron injection gun. 4,495,442, 1-22-85, Cl. 315-3.000.

Minami, Kazutoshi: *See—*
  Watanabe, Toshimitu; Sakai, Masayuki; Minami, Kazutoshi; and Takumi, Shigeji, 4,512,239, Cl. 98-[illegible].030.

Minami, Kenji; Kawata, Yoshimasa; [illegible], [illegible]tsuji; Tani, Hoshiro; and Mitani, Kazuhisa, to Nippon Steel Corporation; and Mishima Kosan Company, Limited. Method for repairing a mold for continuous casting of steel. 4,502,924, 3-5-85, Cl. [illegible].000.

Minami, Kenji; Katagiri, Masaru; and [illegible]uchi, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor integrated circuit devices with protective means against overvoltages. 4,509,067, 4-2-85, Cl. 357-13.000.

Minami, Kihachiro: *See—*
  Wakabayashi, Manabu; Minami, Kihachiro; Sanpei, Tohru; and Konno, Kazutoshi, 4,550,354, Cl. 360-133.000.

Minami, Kunihiko, to Sasakura Engineering Co., Ltd. Air-cooled heat exchanger. 4,537,248, 8-27-85, Cl. 165-113.000.

Minami, Masana; Tamaki, Hiroshi; Sasaki, Tsuneo; and Kimura, Kazuaki, to Tokyo Kagaku Kikai K.K. Encoder. 4,507,647, 3-26-85, Cl. 340-347.00P.

Minami, Masana; Kimura, Kazuaki; Kondo, Masayuki; and Sasaki, Tsuneo, to Tokyo Shibaura Denki Kabushiki Kaisha; and Tokyo Kogaku Kikai Kabushiki Kaisha. Encoder for length or angle measuring device with high accuracy. 4,529,964, 7-16-85, Cl. 340-347.00P.

Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, to Toray Industries, Inc. Polyethylene terephthalate film, process for the production thereof and magnetic recording medium therefrom. 4,497,865, 2-5-85, Cl. 428-336.000.

Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, to Toray Industries, Inc. Polyethylene terephthalate film, process for the production thereof and magnetic recording medium therefrom. 4,546,030, 10-8-85, Cl. 428-220.000.

Minami, Setsuo: *See—*
  Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.
  Mochizuki, Noritaka; Minami, Setsuo; and Matsui, Yoshiya, 4,512,641, Cl. 350-573.000.
  Takahashi, Sadatoshi; Tsuji, Sadahiko; Tajima, Akira; Asano, Toshiaki; and Minami, Setsuo, 4,515,446, Cl. 350-427.000.

Minami, Shinichi: *See—*
  Hagiwara, Takaaki; Horiuchi, Masatada; Kondo, Ryuji; Yatsuda, Yuji; and Minami, Shinichi, 4,514,830, Cl. 365-200.000.

Minami, Shunji; and Kimura, Hiroshi, to Yamaha Hatsudoki Kabushiki Kaisha. Device for supplying fuel to a pressure carburetor. 4,513,725, 4-30-85, Cl. 123-511.000.

Minami, Syuji: *See—*
  Oda, Hidekuni; Minami, Syuji; Inoue, Hiroshi; Matsuda, Akira; and Yamamoto, Yohzoh, 4,510,303, Cl. 526-282.000.

Minami, Takatoshi; and Nishimoto, Hiroshi, to Fujitsu Limited. Light receiving automatic gain control circuit. 4,495,410, 1-22-85, Cl. 250-214.0AG.

Minami, Tatsuo, to Nissan Shatai Company, Limited. Device for catching a fully opened slide door. 4,502,246, 3-5-85, Cl. 49-322.000.

Minami, Tatsuo, to Nissan Shatai Company, Limited. Device for guiding a vehicle sliding door. 4,560,197, 12-24-85, Cl. 296-155.000.

Minami, Tatsuo: *See—*
  Tuchiya, Yoshimasa; and Minami, Tatsuo, 4,559,740, Cl. 49-216.000.

Minami, Teruo, to Kabushiki Kaisha Komatsu Seisakusho. Hoist control valve interlock system for trolley-assisted dump trucks. 4,508,388, 4-2-85, Cl. 298-22.00C.

Minami, Toshiaki: *See—*
  Fujimura, Fumio; Satake, Toshimi; Iwaguro, Makoto; and Minami, Toshiaki, 4,518,977, Cl. 346-209.000.
  Yamato, Noboru; Satake, Toshimi; Minami, Toshiaki; and Fujimura, Fumio, 4,498,091, Cl. 346-216.000.

Minami, Yuji; Kamiyama, Hisashi; and Tomita, Toshihide, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for manufacturing solidified radioactive waste. 4,560,501, 12-24-85, Cl. 252-628.000.

Minamida, Ataru, to Asahi Kogyo Kabushiki Kaisha. Cooking utensil for induction cooking apparatus. 4,533,807, 8-6-85, Cl. 219-10.49R.

Minamida, Ataru, to Asahi Giken Kogyo Kabushiki Kaisha. Cooking utensil for induction cooking apparatus. 4,544,818, 10-1-85, Cl. 219-10.49R.

Minamida, Isao: *See—*
  Numata, Mitsuo; Minamida, Isao; Yamaoka, Masayoshi; Shiraishi, Mitsuru; and Miyawaki, Toshio, 4,517,361, Cl. 544-24.000.

Minamida, Katsuhiro: *See—*
  Takafuji, Hideo; Minamida, Katsuhiro; and Yamaguchi, Shigehiro, 4,560,855, Cl. 219-121.0LD.

Minamida, Kazukiyo; Haze, Setsuo; and Yamada, Seiji, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method. 4,508,185, 4-2-85, Cl. 177-1.000.

Minamida, Kazukiyo, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,512,427, 4-23-85, Cl. 177-1.000.

Minamida, Kazukiyo; and Asai, Yoshiharu, to Kabushiki Kaisha Ishida Koki Seisakusho. Method of indicating results of combinatorial computations. 4,519,042, 5-21-85, Cl. 364-567.000.
Minamida, Kazukiyo; and Asai, Yoshiharu, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial measuring method and apparatus. 4,533,006, 8-6-85, Cl. 177-25.000.
Minamida, Kazukiyo; and Haze, Setsuo, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,549,278, 10-22-85, Cl. 364-567.000.
Minamida, Kazukiyo, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus. 4,560,015, 12-24-85, Cl. 177-25.000.
Minamide, Hiroshi; Shintani, Takashi; and Murayama, Hiroshi, to Toyo Soda Manufacturing Co., Ltd. Method for inhibiting corrosion of metal. 4,533,525, 8-6-85, Cl. 428-469.000.
Minamide, Seiko: *See—*
  Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, 4,491,885, Cl. 360-85.000.
  Shibaike, Narito; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; and Zaitsu, Osamu, 4,517,613, Cl. 360-85.000.
Minamigi, Takashi: *See—*
  Kanda, Katsumi; Okamura, Takaaki; Minamigi, Takashi; Inui, Tsuneo; and Kondo, Yoshikazu, 4,517,255, Cl. 428-626.000.
Minamikawa, Yoshihisa: *See—*
  Sakitani, Yoshio; and Minamikawa, Yoshihisa, 4,520,421, Cl. 361-234.000.
  Shimura, Yoshimasa; Kakiuchi, Hideyuki; Minamikawa, Yoshihisa; and Kawasaki, Katsuhiro, 4,524,277, Cl. 250-397.000.
Minamisawa, Tsuyoshi; Kogo, Yasuo; and Nagata, Yasuhisa, to Toho Beslon Co., Ltd. Epoxy resin composition. 4,500,660, 2-19-85, Cl. 523-428.000.
Minamishima, Mamoru, to Nakamichi Corporation. DC to DC conversion circuit with shared regulation of outputs. 4,549,255, 10-22-85, Cl. 363-26.000.
Minamitake, Masayuki: *See—*
  Takada, Junji; Minamitake, Masayuki; and Tamegai, Satoshi, 4,558,226, Cl. 250-551.000.
Minamoto, Yoshiki: *See—*
  Yamane, Isao; Kan, Mikio; and Minamoto, Yoshiki, 4,533,637, Cl. 435-240.000.
Minard, Everett S., to Elmar Industries, Inc. Valve control mechanism for reciprocating valves of a positive displacement rotary filling machine. 4,522,238, 6-11-85, Cl. 141-142.000.
Minard, Everett S., to Elmar Industries, Inc. Valve mechanism for can filling machines. 4,538,788, 9-3-85, Cl. 251-107.000.
Minasy, Arthur J., to Knogo Corporation. Theft detection system target fastener. 4,531,264, 7-30-85, Cl. 24-155.0BR.
Minatelli, John A.; and Ma, Shih-Yu, to Uniroyal, Inc. Alkylation of substituted sulfonylpyridines. 4,503,230, 3-5-85, Cl. 546-294.000.
Minato, Akira: *See—*
  Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, 4,514,270, Cl. 204-151.000.
  Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.
  Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.
Minato, Hideo; Fujisaki, Tadashi; Shimizu, Kazufusa; and Koyanagi, Yoshiharu, to Niigata Engineering Co., Ltd. Composting excretions from domestic animals. 4,559,073, 12-17-85, Cl. 71-9.000.
Minato, Osamu: *See—*
  Miyauchi, Katsuki; Kudo, Tetsuichi; Minato, Osamu; Masuhara, Toshiaki; and Uetani, Yoshio, 4,539,660, Cl. 365-229.000.
  Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu, 4,507,759, Cl. 365-189.000.
  Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.
Minato, Shoji: *See—*
  Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, 4,510,374, Cl. 219-146.100.
Minato, Yoshihiko: *See—*
  Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,589, Cl. 144-213.000.
  Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,590, Cl. 144-213.000.
Minchak, Robert J.; and Schenk, William N., to B. F. Goodrich Company, The. Polymeric battery separators. 4,522,902, 6-11-85, Cl. 429-252.000.
Minchev, Pavel M.; Hristov, Hristomir D.; Balinov, Stoimen S.; Angelov, Mihail H.; and Yordanov, Nikolay V., to Institute po Metaloznanie i Technologia na Metalite. Apparatus for soldering the winding to the commutator of an electric machine. 4,523,708, 6-18-85, Cl. 228-37.000.
Minck, Klaus: *See—*
  Hausberg, Hans-Heinrich; Prucher, Helmut; Uhl, Jurgen; Seyfried, Christoph; and Minck, Klaus, 4,508,732, Cl. 514-466.000.
Minck, Klaus-Otto: *See—*
  Hausberg, Hans-Heinrich; Uhl, Jurgen; Seyfried, Christoph; and Minck, Klaus-Otto, 4,500,541, Cl. 514-466.000.
  Hausberg, Hans-Heinrich; Bottcher, Henning; Gottschlich, Rudolf; Seyfried, Christoph; and Minck, Klaus-Otto, 4,547,576, Cl. 546-197.000.
Minday, Richard M.: *See—*
  Olson, Paul B.; Minday, Richard M.; and Cooley, Julian B., 4,546,090, Cl. 502-69.000.
Minder, Hans-Ulrich: *See—*
  Meier, Dietrich; and Minder, Hans-Ulrich, 4,553,836, Cl. 356-5.000.
Minderhoud, Johannes K.; and Post, Martin F. M., to Shell Oil Company. Preparation of hydrocarbon mixtures from syngas. 4,507,404, 3-26-85, Cl. 518-714.000.
Minderhoud, Johannes K.; and Post, Martin F. M., to Shell Oil Company. Preparation of catalyst for producing middle distillates from syngas. 4,522,939, 6-11-85, Cl. 502-242.000.
Minderhoud, Johannes K.: *See—*
  Hoek, Arend; Post, Martin F. M.; Minderhoud, Johannes K.; and Lednor, Peter W., 4,499,209, Cl. 518-707.000.
  Hoek, Arend; Minderhoud, Johannes K.; and Post, Martin F. M., 4,522,938, Cl. 502-307.000.
Mindlin, Richard B.: *See—*
  Haynes, Joel, 4,550,651, Cl. 99-279.000.
Mine, Akihiko: *See—*
  Hirano, Masachika; Ohno, Isao; Ohno, Nobuo; and Mine, Akihiko, 4,503,071, Cl. 514-521.000.
Mine, Katsutoshi; Suzuki, Toshio; and Hanada, Tsuneo, to Toray Silicone Company, Ltd. Method of making integral molded silicone products with different phases and the molded products prepared therefrom. 4,517,238, 5-14-85, Cl. 428-212.000.
Mine, Keiji: *See—*
  Ojima, Shin; Kamiuchi, Hideaki; and Mine, Keiji, 4,538,509, Cl. 99-348.000.
Mine, Mamoru: *See—*
  Momoshima, Yukichi; Nagasaka, Nobuyuki; and Mine, Mamoru, 4,497,235, Cl. 84-1.190.
Mine Roof Support Systems, Inc.: *See—*
  Ringe, Thomas, 4,523,881, Cl. 405-259.000.
Mine Safety Appliances Company: *See—*
  Bossart, Clayton J.; and Fatur, Thomas C., 4,533,520, Cl. 422-96.000.
  Brinkhoff, Carl H.; and Scott, Gordon C., 4,536,892, Cl. 2-424.000.
Mine, Setsurou: *See—*
  Maeda, Takafumi; and Mine, Setsurou, 4,546,303, Cl. 323-210.000.
Mine Support Systems (Proprietary) Ltd.: *See—*
  Townsend, Rodney C., 4,520,980, Cl. 248-351.000.
Mine, Susumu; and Ishizaka, Takao, to Tokyo Shibaura Denki Kabushiki Kaisha. Superconducting magnet. 4,549,156, 10-22-85, Cl. 335-216.000.
Mine, Taiichi: *See—*
  Nishida, Hiroshi; Hizawa, Kouichi; and Mine, Taiichi, 4,557,698, Cl. 414-330.000.
Mineck, Paul S. Reciprocating saw offset blade holder. 4,553,306, 11-19-85, Cl. 29-401.100.
Minegishi, Akira: *See—*
  Kono, Takashi; Minegishi, Akira; and Kamai, Toshimitsu, 4,492,986, Cl. 358-330.000.
Minegishi, Kiyoji, to Sumitomo Heavy Industries, Ltd. Fluid pressure device. 4,561,833, 12-31-85, Cl. 418-61.00B.
Minei, Masayuki: *See—*
  Watanabe, Katsuhiro; Minei, Masayuki; and Horikoshi, Toshio, 4,510,951, Cl. 132-7.000.
Minekane, Tomiharu; Yokotani, Noboru; and Onuma, Takehiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for photometric measurement of light absorption of liquid samples in cuvettes. 4,549,809, 10-29-85, Cl. 356-436.000.
Minemet Recherche: *See—*
  Laveyne, Michel; and Palvadeau, Claude, 4,557,908, Cl. 423-164.000.
  Leroux, Yves, 4,559,181, Cl. 260-502.40A.
Minemura, Norihiro; Kimura, Takeo; and Mitsui, Yoshiaki, to Teijin Limited. Apparatus for preparing a suede-like raised woven or knitted fabric. 4,497,095, 2-5-85, Cl. 26-2.00R.
Minemura, Norihiro: *See—*
  Sasaki, Yoshiyuki; Kobayashi, Shigenobu; Okamoto, Tetsuo; and Minemura, Norihiro, 4,539,242, Cl. 428-92.000.
Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.; Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.; Osher, Mikhail I.; and Plyakin, Nikolai P., to Tsentralnaya Experimentalno-issledovatelskaya Konstruktorsko-Tekhnologicheskaya Laboratoria Khimizatsii Selskogo Khozyaistva. Device for gripping and hoisting packed sacks. 4,549,760, 10-29-85, Cl. 294-88.000.
Mineo, Masatoshi: *See—*
  Matsumoto, Tadayuki; Imaeda, Kozo; Mineo, Masatoshi; and Nakagawa, Kiyoshi, 4,557,026, Cl. 28-258.000.
  Oka, Ken-ichiro; Mineo, Masatoshi; and Ono, Terumichi, 4,517,149, Cl. 264-210.800.
Miner Enterprises: *See—*
  Carlstedt, Richard A., 4,556,149, Cl. 213-34.000.
Miner Enterprises, Inc.: *See—*
  Fischer, Robert T.; and Wahlstrom, Merle D., 4,542,701, Cl. 105-240.000.
Miner, Jonathan: *See—*
  Weigle, Robert M.; Duggan, Sharon; Foster, Candace; Miner, Jonathan; Vantucci, John; and Woozley, Mark, 4,502,475, Cl. 128-92.0EB.
Miner, Robert A. Practice device for putting strokes. 4,544,160, 10-1-85, Cl. 273-186.00C.

- Miner, Robert J., Jr. Harmonica-to-microphone attachment device. 4,541,321, 9-17-85, Cl. 84-379.000.
- Miner, Robert L., Jr.: *See—*
  - Hagenmaier, Carl F., Jr.; Logsdon, Gary L.; Bolton, Brent C.; and Miner, Robert L., Jr., 4,502,118, Cl. 364-200.000.
- Miner, Thomas G.: *See—*
  - Schaub, Robert E.; Miner, Thomas G.; and Bernstein, Seymour, 4,515,782, Cl. 514-24.000.
- Minera, Salvador A. Candle holder combination. 4,524,408, 6-18-85, Cl. 362-163.000.
- Mineral Deposits Ltd.: *See—*
  - Wright, Douglas C., 4,545,900, Cl. 209-459.000.
  - Wright, Douglas C., 4,553,673, Cl. 209-697.000.
- Mineral Processing Systems, Inc.: *See—*
  - League, John S., IV, 4,520,297, Cl. 318-490.000.
- Mineral Separation Corporation: *See—*
  - Kuhn, Martin C.; and Zeitz, Vernon, 4,556,467, Cl. 204-193.000.
- Minerbo, Gerald N.; and McCann, R. Bruce, to Schlumberger Technology Corporation. Method and apparatus for measuring the inside diameter of a metallic pipe in a well. 4,546,314, 10-8-85, Cl. 324-221.000.
- Minerbo, Gerald N.; and Hazen, Gary A., to Schlumberger Technology Corporation. Apparatus for measuring the inside diameter of a metallic pipe in a well. 4,546,315, 10-8-85, Cl. 324-221.000.
- Minerd, Timothy M.; and Crumrine, Robert E., to Xerox Corporation. High contrast ratio paper sensor. 4,540,887, 9-10-85, Cl. 250-561.000.
- Miners, Kamal E. B., to Allied Corporation. Portable SF_6 decomposition sensor. 4,505,146, 3-19-85, Cl. 73-19.000.
- Mines de Potasse d'Alsace S.A.: *See—*
  - Bichara, Michel; Koensgen, Jean-Pierre; Bodu, Michel; Meriaux, Michel; and Zimmermann, Jean-Pierre, 4,504,092, Cl. 299-5.000.
  - Bichara, Michel; Wendling, Emile; and Bodu, Michel, 4,533,536, Cl. 423-551.000.
- Minet, Ronald G.; Dente, Mario; Ranzi, Eliseo; and Sunny H. K., to Kinetics Technology International Corp. Pyrolysis of natural gas liquids to aromatic hydrocarbons using a hot recycled gas. 4,520,217, 5-28-85, Cl. 585-415.000.
- Mineur, Thomas L.: *See—*
  - Dienes, Zoltan B.; and Mineur, Thomas L., 4,545,830, Cl. 156-48.000.
- Mineyama, Takitsugu: *See—*
  - Tanaka, Shinichi; and Mineyama, Takitsugu, 4,533,837, Cl. 307-116.000.
- Minezaki, Shigehiro, to Sharp Kabushiki Kaisha. Manufacture of thin film transistor. 4,514,253, 4-30-85, Cl. 156-659.100.
- Minezaki, Shigehiro: *See—*
  - Ishii, Yutaka; Minezaki, Shigehiro; Kozaki, Shuichi; and Funada, Fumiaki, 4,528,115, Cl. 252-299.630.
- Minford, William J.; Murphy, Edmond J.; and Rice, Trudie C., to AT&T Bell Laboratories. Etching of titanium. 4,554,050, 11-19-85, Cl. 156-664.000.
- Ming, Paul T., to Imperial Chemical Industries PLC. Pipeline monitoring apparatus. 4,514,730, 4-30-85, Cl. 340-815.260.
- Minges, Peter: *See—*
  - Hambrecht, Juergen; Reffert, Rudi W.; Minges, Peter; and Swoboda, Johann, 4,536,567, Cl. 528-486.000.
- Mingrone, Frank V. Fire suppression systems. 4,524,835, 6-25-85, Cl. 169-65.000.
- Minh, Thi H.; Cole, Edward R.; and Crank, George, to Unisearch Limited. Antioxidant benzodioxole compound. 4,499,115, 2-12-85, Cl. 426-546.000.
- Minicam Research Corporation: *See—*
  - Itoh, Tadatsugu, 4,499,415, Cl. 320-5.000.
- Minichshofer, Klaus: *See—*
  - Feyerl, Gunther; Minichshofer, Klaus; and Pum, Hans G., 4,536,927, Cl. 28-110.000.
- Minick, Dale E. Peristaltic pump having variable occlusion rates. 4,519,754, 5-28-85, Cl. 417-477.000.
- Minick, Harold N., to Wolff Wire Corporation. Support bracket for accessory beam. 4,508,300, 4-2-85, Cl. 248-216.100.
- Minick, Harold N.; and Wolff, Douglas F., to Wolff Wire Corporation. Storage accessories for movable partition systems. 4,542,832, 9-24-85, Cl. 211-106.000.
- Miniet, Jay J., to Motorola, Inc. Header and housing assembly for electronic circuit modules. 4,533,188, 8-6-85, Cl. 339-17.0CF.
- Minigrip-Belgium: *See—*
  - Lequeux, Michel L., 4,507,038, Cl. 414-27.000.
- Minigrip, Inc.: *See—*
  - Ausnit, Steven, 4,514,962, Cl. 53-457.000.
  - Ausnit, Steven, 4,523,918, Cl. 493-198.000.
  - Ausnit, Steven, 4,528,224, Cl. 428-36.000.
- Minikane, Tomiharu, to Kabushiki Kaisha Toshiba. Photometric biochemical analyzer. 4,534,651, 8-13-85, Cl. 356-440.000.
- Mining Supplies (MINSUP) Pty. Ltd.: *See—*
  - Treloar, Howard A.; and Gilbert, Robert W., 4,502,701, Cl. 277-92.000.
- Minisci, Francesco: *See—*
  - Maggioni, Paolo; Minisci, Francesco; and Correale, Mariano, 4,542,229, Cl. 549-462.000.
- Ministere de l'Energie et des Ressources: *See—*
  - Guay, R. Edgar, 4,553,351, Cl. 47-58.000.
- Ministry of International Trade and Industry: *See—*
  - Akiyama, Masahiro; and Akiyama, Yoshihiro, 4,561,916, Cl. 148-175.000.
  - Ebata, Yoshihiro; Kinoshita, Makoto; and Hayami, Ryozo, 4,529,459, Cl. 156-89.000.
  - Enomoto, Yuji, 4,500,564, Cl. 427-39.000.
  - Hamasaki, Masanobu, 4,507,540, Cl. 219-121.0LD.
  - Jido, Morio, 4,508,265, Cl. 239-3.000.
  - Kaneko, Makoto; Tachi, Susumu; and Komoriya, Kiyoshi, 4,558,215, Cl. 250-222.100.
  - Kawamura, Yoshio, 4,531,907, Cl. 431-170.000.
  - Kikuchi, Keisuke; Morikawa, Takitaro; Shimada, Junichi; and Sakurai, Kenjiro, 4,557,566, Cl. 350-413.000.
  - Kohno, Tsuguo; Yoshida, Yoshitaro; Tenjinbayashi, Koji; and Okazaki, Yuichi, 4,561,333, Cl. 82-1.00C.
  - Matsuda, Kiyofumi; Eiju, Tomoaki; Enomoto, Yuji; and Yoshida, Yoshitaro, 4,529,310, Cl. 356-349.000.
  - Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.
  - Mitsuhashi, Yoshinobu; and Shimada, Junichi, 4,549,300, Cl. 372-50.000.
  - Nakamura, Osamu; Ogino, Isao; and Adachi, Masakazu, 4,554,224, Cl. 429-30.000.
  - Nara, Koichi, 4,506,996, Cl. 374-176.000.
  - Nara, Koichi, 4,560,288, Cl. 374-201.000.
  - Ogura, Mutsuo, 4,500,204, Cl. 356-318.000.
  - Sano, Shiro, 4,495,300, Cl. 501-102.000.
  - Sawai, Nobushige; Miyasaka, Kaneyoshi; and Murata, Ryoji, 4,541,165, Cl. 29-568.000.
  - Tajima, Michio, 4,492,871, Cl. 250-459.100.
  - Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.
  - Takayanagi, Takeshi; Suzuki, Shizuo; Minowa, Susumu; and Nozaki, Yoshihiko, 4,557,316, Cl. 164-517.000.
  - Terashima, Kazutaka; and Fukuda, Tsuguo, 4,496,424, Cl. 156-601.000.
  - Toibana, Yasuo; and Ueno, Kazuo, 4,507,224, Cl. 252-516.000.
  - Toraichi, Kazuo; Otsu, Nobuyuki; and Suzuki, Motomu, 4,538,227, Cl. 364-414.000.
  - Yamanaka, Kazushi, 4,524,621, Cl. 73-597.000.
  - Yamanobe, Takashi, Mitsuishi, Yasushi; and Takasaki, Yoshiyuki, 4,562,150, Cl. 435-99.000.
  - Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, 4,502,930, Cl. 204-160.100.
- Minitube Systems: *See—*
  - Rodd, Derek E., 4,498,623, Cl. 237-8.00R.
- Mink, Bernardus H.; and Schoeber, Willem J. A. H., to Shell Oil Company. Process for removing fly ash particles from a gas at elevated pressure. 4,516,989, 5-14-85, Cl. 55-68.000.
- Mink, George. Amplified motion transmitting device. 4,492,512, 1-8-85, Cl. 414-744.00A.
- Mink, Paul K. Violin construction. 4,512,231, 4-23-85, Cl. 84-277.000.
- Minke, Lutz: *See—*
  - Foissner, Herbert; Krautwald, Herbert; and Minke, Lutz, 4,531,019, Cl. 174-163.00F.
- Minker, Emil: *See—*
  - Szendrei, Kalman; Minker, Emil; Rozsa, Zsuzsanna; Koch, Lehel; and Wolf, Lajos, 4,511,559, Cl. 514-54.000.
- Minkhorst, Jan H. K., to Stamicarbon B.V. Bumper. 4,549,757, 10-29-85, Cl. 293-120.000.
- Minkkinen, Ari A., to Lummus Crest, Inc. Heat and water recovery from aqueous waste streams. 4,561,965, 12-31-85, Cl. 208-11.0LE.
- Minks, Werner, to International Standard Electric Corporation. Sealing means for an electromagnetic relay. 4,507,633, 3-26-85, Cl. 335-202.000.
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- Minkus, Morton; and Drower, Herbert M., to Sealtran Corporation. Lamination product and method employing temporary transfer film. 4,545,838, 10-8-85, Cl. 156-220.000.
- Minnebraker, Jeffrey P., to Quadra Wheelchairs, Inc. Wheelchair construction. 4,515,383, 5-7-85, Cl. 280-242.0WC.
- Minner, Willy; Krappel, Alfred; and Guggenmos, Johannes, to Telefunken Electronic GmbH; and Bayerische Motoren Werke AG. Electronically controlled ignition system. 4,509,482, 4-9-85, Cl. 123-418.000.
- Minner, Willy; Spies, Heinz-Hermann; and Domland, Christoph, to Telefunken Electronic GmbH. Electronic ignition system for gasoline internal combustion engines. 4,558,675, 12-17-85, Cl. 123-427.000.
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  - Ochs, Gregory J., 4,530,193, Cl. 52-408.000.
- Minnesota Mining and Manufacturing Company: *See—*
  - Aasen, Steven M., 4,553,941, Cl. 433-228.100.
  - Adam, Randall E.; and Schultz, William J., 4,524,181, Cl. 525-107.000.
  - Antonson, David L., 4,504,351, Cl. 156-391.000.
  - Assell, Robert L.; and Skwor, Edward P., 4,527,726, Cl. 227-19.000.
  - Bailey, Terry R., 4,505,967, Cl. 428-164.000.
  - Balchunis, Robert J.; and Sher, Frank T., 4,532,185, Cl. 428-447.000.
  - Ball, James H., 4,554,401, Cl. 174-37.000.
  - Bany, Stephen W.; Koshar, Robert J.; and Williams, Todd R., 4,543,398, Cl. 525-474.000.
  - Barrows, Thomas H., 4,529,792, Cl. 528-291.000.
  - Barrows, Thomas H., 4,534,349, Cl. 128-334.00R.
  - Beck, Warren R.; and Castle, Richard B., 4,493,875, Cl. 428-403.000.

Bell, Vivien L.; Ferguson, Ian J.; and Weatherley, Mark J., 4,547,444, Cl. 430-11.000.
Bell, Vivien L., 4,551,413, Cl. 430-270.000.
Bendson, Steven A.; and Mularie, William M., 4,520,413, Cl. 360-113.000.
Bent, John H., deceased; and Bent, Paul, executor, 4,540,110, Cl. 227-8.000.
Beretta, Paolo; and Kitchin, Jonathan P., 4,515,888, Cl. 430-584.000.
Berg, Harvey J., 4,536,440, Cl. 428-284.000.
Berg, James G.; and Wei, Ta-Sheng, 4,529,645, Cl. 428-294.000.
Bernard, Samuel, Jr., 4,521,644, Cl. 179-2.0DP.
Beruto, Marco; Luzzi, Antonio; and Ramello, Piero, 4,504,572, Cl. 430-264.000.
Bingham, Wallace K., 4,527,383, Cl. 57-200.000.
Bingham, Wallace K., 4,533,592, Cl. 428-213.000.
Brady, Harold E., Jr., 4,497,860, Cl. 428-156.000.
Brinkley, Robert W., 4,560,487, Cl. 252-8.750.
Brochman, Wilfred R., 4,500,011, Cl. 220-359.000.
Brown-Wensley, Katherine A.; and Sinclair, Robert A., 4,537,942, Cl. 528-12.000.
Bunker, James E., 4,540,722, Cl. 523-109.000.
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Burbank, John E., III; and Montgomery, John R., 4,493,540, Cl. 353-122.000.
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Burguette, Mario D.; and Foss, George D., 4,526,833, Cl. 428-336.000.
Bushman, Stanley C., 4,554,238, Cl. 430-258.000.
Busman, Stanley C.; and Chang, John C., 4,511,641, Cl. 430-158.000.
Cadwell, Donald E.; and Brey, Larry A., 4,542,089, Cl. 430-276.000.
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Chang, John C.; and Howells, Richard D., 4,540,497, Cl. 252-8.800.
Chang, Robert W. H., 4,510,127, Cl. 424-52.000.
Chung, Chi H., 4,551,828, Cl. 369-275.000.
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Coles, Robert F., 4,515,955, Cl. 548-150.000.
Collins, Leslie M.; and Zarr, Myron, 4,561,609, Cl. 242-192.000.
Crawford, Dennis L.; and Mitchell, Donald J., 4,506,576, Cl. 83-455.000.
Daniels, Michael P., 4,510,593, Cl. 369-283.000.
Davies, David H.; and Evanicky, Daniel E., 4,499,477, Cl. 346-137.000.
Dell, John D., 4,542,012, Cl. 424-28.000.
Dowdle, Dean M., 4,509,039, Cl. 340-572.000.
Drahnak, Timothy J., 4,510,094, Cl. 260-429.0CY.
Drahnak, Timothy J., 4,530,879, Cl. 428-352.000.
Drake, Gerald E., 4,538,920, Cl. 366-177.000.
Drake, Gerald E., 4,555,155, Cl. 339-61.00R.
Dziki, Michael M., 4,552,287, Cl. 222-146.500.
Dziki, Michael M., 4,561,569, Cl. 222-146.500.
Elepano, Normita P.; Schnur, William H.; and Jorgensen, Jens L., 4,508,634, Cl. 252-163.000.
Ellis, Arthur B.; and Carpenter, Michael K., 4,559,116, Cl. 204-129.300.
Engel, Michael R., 4,524,087, Cl. 427-2.000.
Engel, Michael R., 4,539,996, Cl. 128-640.000.
Engel, Michael R., 4,554,924, Cl. 128-640.000.
Esmay, Donald L., 4,513,039, Cl. 428-40.000.
Esmay, Donald L., 4,522,870, Cl. 428-252.000.
Evans, Jack L.; Campbell, Karen J.; Kreil, Curtis L.; and Sidney, LuAnn, 4,533,566, Cl. 427-44.000.
Fabbrini, Charles J.; Fitzer, Robert C.; and Deyak, Frank L., 4,513,107, Cl. 524-56.000.
Fedde, Mickiel P., 4,533,956, Cl. 358-260.000.
Fisch, Richard S., 4,552,826, Cl. 430-142.000.
Fitzer, Robert C.; Deyak, Frank L.; and Fabbrini, Charles J., 4,542,078, Cl. 428-914.000.
Fohrenkamm, Elsie A.; and Rousseau, Alan D., 4,511,646, Cl. 430-283.000.
Forester, Roger J.; and White, Lloyd R., 4,543,113, Cl. 55-378.000.
Foslien, Floyd L., 4,519,532, Cl. 227-8.000.
Foslien, Floyd L., 4,527,725, Cl. 227-19.000.
Fox, Bryce J., 4,539,816, Cl. 62-87.000.
Freerks, Conrad T., 4,523,411, Cl. 51-170.0MT.
Frenchik, Robert A., 4,535,056, Cl. 430-542.000.
Froehlich, Harold E., 4,526,174, Cl. 128-335.000.
Gabor, Thomas; Broberg, David E.; Dierssen, Gunther H.; and Rowenhorst, Donley D., 4,505,720, Cl. 51-295.000.
Gardner, Richard N., 4,491,558, Cl. 419-23.000.
Gardner, Richard N.; and Dillon, Kenneth R., 4,554,218, Cl. 428-567.000.
Garwood, Donald C.; and Kathiriya, Shiraz A., 4,502,479, Cl. 128-90.000.
Gatzke, Kenneth G.; and Winslow, John M., 4,515,885, Cl. 430-175.000.
Gebeke, Charles D., 4,518,135, Cl. 242-199.000.
Graham, Joseph, 4,512,806, Cl. 106-18.240.
Graham, Joseph; Gennrich, Timothy J.; and Laird, James A., 4,521,333, Cl. 252-606.000.
Grunzinger, Raymond E., Jr., 4,530,859, Cl. 427-385.500.
Gutman, Gustav, 4,510,236, Cl. 430-619.000.
Hagen, Donald F.; and Marhevka, John S., 4,532,219, Cl. 436-155.000.
Hansen, Dennis D., 4,539,345, Cl. 523-219.000.
Hansen, Paul E.; and Marquardt, Susan K., 4,552,795, Cl. 428-110.000.
Hanson, Gary R.; and Rabuse, George R., 4,558,888, Cl. 281-23.000.
Harrington, John A., 4,509,194, Cl. 382-56.000.
Hartman, Richard B., 4,548,862, Cl. 428-323.000.
Haugen, Orville C., 4,509,225, Cl. 15-256.510.
Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., 4,524,221, Cl. 568-322.000.
Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., 4,556,723, Cl. 556-413.000.
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Heltemes, Eugene C.; and Montean, Samuel, 4,499,444, Cl. 335-284.000.
Herbert, Alan J., 4,521,503, Cl. 430-49.000.
Howells, Richard D., 4,533,713, Cl. 528-26.000.
Hu, Victor L.; Mauldin, Larry W.; and Lee, John J., 4,561,449, Cl. 128-746.000.
Huffman, William A.; and Brown, Harvey A., 4,514,045, Cl. 350-351.000.
Huffman, William A., 4,530,572, Cl. 350-346.000.
Husman, James R.; Kellen, James N.; McCluney, Rebecca E.; and Tumey, Michael L., 4,554,324, Cl. 525-301.000.
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Jeffrey, Frank R., III; and Shirck, James R., 4,513,073, Cl. 430-65.000.
Jensen, Steven C., 4,556,307, Cl. 355-3.00R.
Kausch, William L., 4,544,622, Cl. 430-278.000.
Kelley, Lewis J., 4,533,192, Cl. 339-45.00M.
Kinderman, Gerard H.; and Sanders, James F., 4,530,721, Cl. 106-2.000.
King, Timothy W., 4,546,037, Cl. 428-323.000.
Kistner, John F., 4,497,861, Cl. 428-201.000.
Kitchin, Jonathan P., 4,526,860, Cl. 430-373.000.
Korbel, Gerald E.; and Newell, Richard G., 4,503,161, Cl. 502-159.000.
Korbel, Gerald E.; Robins, Janis; and Rude, Harold E., 4,553,982, Cl. 51-298.000.
Kramer, George J., 4,555,174, Cl. 355-3.0DD.
Krech, Thomas D.; and May, David C., 4,521,129, Cl. 404-10.000.
Krueger, Dennis L.; and Meyer, Daniel E., 4,547,420, Cl. 428-229.000.
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Larimore, Franklin C., 4,505,770, Cl. 156-235.000.
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Leinen, Roger W., 4,520,142, Cl. 523-205.000.
Leitheiser, Melvin A.; and Sowman, Harold G., 4,518,397, Cl. 51-293.000.
Lewis, Terry W.; Anderson, Roger J.; and Kerfeld, Donald J., 4,519,065, Cl. 369-275.000.
Lindahl, Richard W., 4,532,531, Cl. 346-153.100.
Look, Thomas F., 4,491,923, Cl. 364-478.000.
Lorenz, William J.; and Larson, Wayne K., 4,543,315, Cl. 430-156.000.
Lu, Shih-Lai, 4,537,327, Cl. 220-359.000.
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Maki, Farrel M., 4,536,681, Cl. 315-309.000.
Malmquist, Jerome A.; and Reidt, Dean K., 4,533,129, Cl. 269-207.000.
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Marentic, Frank J., 4,520,053, Cl. 428-31.000.
Markwardt, Terrance L.; and Teiken, Gerald W., 4,496,206, Cl. 339-98.000.
Martens, John A.; and Williams, Brian H., 4,559,382, Cl. 524-535.000.
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Melancon, Kurt C., 4,504,645, Cl. 528-15.000.
Melancon, Kurt C., 4,533,575, Cl. 427-387.000.
Mencke, Arlene J., 4,533,399, Cl. 134-6.000.
Merry, Richard P., 4,513,173, Cl. 174-121.00A.
Miklos, Richard L., 4,562,504, Cl. 360-133.000.
Millet, George H., 4,511,686, Cl. 524-110.000.
Millet, George H.; Harrell, Edward R.; and Wright, Charles D., 4,560,723, Cl. 524-486.000.
Morioka, Eddie T., 4,523,727, Cl. 242-192.000.
Moynagh, Eugene E., Jr.; and Jansky, Donald J., 4,533,204, Cl. 339-221.00R.
Mueller, Gerald E., 4,553,190, Cl. 361-212.000.
Nelson, Carl T., 4,502,562, Cl. 181-131.000.
Nelson, Duane M., 4,548,597, Cl. 604-43.000.
Nelson, Norman E., 4,562,028, Cl. 264-160.000.
Nepper, Robert F.; and Solyntjes, Alan J., 4,494,860, Cl. 355-13.000.
Nepper, Robert F.; Solyntjes, Alan J.; and Abrahamson, Carl W., 4,523,836, Cl. 355-16.000.
Newell, Richard G.; and Wolf, Stephen F., 4,508,916, Cl. 556-420.000.
Niles, Gerald J.; and Sandberg, Thomas A., 4,535,432, Cl. 369-72.000.
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- Nourse, Gary E.; and Dowdle, Dean M., 4,531,117, Cl. 340-572.000.
- O'Brien, Philip W., 4,541,559, Cl. 228-117.000.
- Ofstead, Ronald F., 4,528,325, Cl. 525-60.000.
- Olson, Paul B.; Minday, Richard M.; and Cooley, Julian B., 4,546,090, Cl. 502-69.000.
- Olyphant, Murray, Jr., 4,533,784, Cl. 174-36.000.
- Ou-Yang, David T., 4,503,123, Cl. 428-349.000.
- Palensky, Frederick J.; and Siedle, Allen R., 4,511,715, Cl. 544-225.000.
- Pannocchia, Mario, 4,495,273, Cl. 430-510.000.
- Pastor, Sheldon L., 4,543,619, Cl. 360-97.000.
- Patel, Kalyanji U., 4,525,305, Cl. 260-401.000.
- Pearson, Walter C.; and Thompson, Dorman N., Jr., 4,518,296, Cl. 412-37.000.
- Perecman, Jack L., 4,502,599, Cl. 206-554.000.
- Peterson, Donald G., 4,548,690, Cl. 204-159.230.
- Pettitt, Robert E., 4,491,409, Cl. 355-16.000.
- Piotrowski, Chester; Loeding, Neil W.; and Warner, Raymond M., Jr., 4,499,515, Cl. 360-113.000.
- Pocius, Alphonsus V.; and Schultz, William J., 4,521,490, Cl. 428-416.000.
- Prato, Pietro, 4,510,882, Cl. 118-300.000.
- Rabuse, George R.; and Hanson, Gary R., 4,562,102, Cl. 428-43.000.
- Rametta, Anthony J., 4,500,608, Cl. 428-522.000.
- Randen, Neil A., 4,552,755, Cl. 424-81.000.
- Randklev, Ronald M., 4,503,169, Cl. 523-117.000.
- Reidt, Dean K., 4,505,034, Cl. 29-749.000.
- Reilly, Laurence W., Jr., 4,507,497, Cl. 562-441.000.
- Reisem, Daniel E., 4,513,271, Cl. 335-205.000.
- Renalls, Brenda L.; Pedrotty, Douglas G.; and Donlan, John F., 4,546,036, Cl. 428-323.000.
- Rice, Thomas K.; and Senta, Therese A., 4,544,629, Cl. 435-7.000.
- Rinehart, Thomas A.; Willson, Richard F.; and Halling, Vaughn W., 4,556,893, Cl. 346-135.100.
- Robbins, William B.; Willson, Richard F.; and Freese, Robert P., 4,539,572, Cl. 346-135.100.
- Robins, Janis, 4,503,211, Cl. 528-92.000.
- Ronning, Patricia M.; and Vandesteeg, Gregg A., 4,556,410, Cl. 71-78.000.
- Ronning, Patricia M.; and Vandesteeg, Gregg A., 4,557,751, Cl. 71-91.000.
- Rood, Robert M.; and Wulfing, James J., 4,515,323, Cl. 242-74.100.
- Rood, Robert M.; and Wulfing, James J., 4,527,755, Cl. 242-199.000.
- Rousseau, Alan D.; Fohrenkamm, Elsie A.; and Kausch, William L., 4,507,382, Cl. 430-275.000.
- Sabongi, Gebran J.; and Poon, Stephen S. C., 4,548,896, Cl. 430-332.000.
- Sagawa, Burt K., 4,531,141, Cl. 346-209.000.
- Sagawa, Kiyoshi B., 4,558,003, Cl. 430-617.000.
- Sandvig, Timothy C.; Ersfeld, Dean A.; and Berg, Eric P., 4,544,572, Cl. 427-44.000.
- Sasaki, Makoto, 4,514,457, Cl. 428-204.000.
- Sasaki, Makoto, 4,560,587, Cl. 427-152.000.
- Schaefer, Richard M.; and Tome, James J., 4,557,505, Cl. 283-81.000.
- Schoon, David J., 4,541,061, Cl. 364-518.000.
- Schumacher, Gerald F., 4,511,626, Cl. 428-425.600.
- Schwartz, Craig A.; and Lynn, Michael M., 4,529,658, Cl. 428-421.000.
- Sidney, LuAnn; and Ebner, Stephen R., 4,543,268, Cl. 427-44.000.
- Siedle, Allen R., 4,500,569, Cl. 427-304.000.
- Siedle, Allen R., 4,549,018, Cl. 544-225.000.
- Siedle, Allen R.; and Howells, Richard D., 4,556,720, Cl. 556-22.000.
- Siedle, Allen R., 4,560,780, Cl. 556-40.000.
- Sievert, James A., 4,501,927, Cl. 174-93.000.
- Skwor, Edward P., 4,500,025, Cl. 227-19.000.
- Sorlien, Mark D., 4,497,760, Cl. 264-36.000.
- Sorlien, Mark D.; and Filreis, Manuel, 4,561,708, Cl. 339-14.00L.
- Svendsen, John A., 4,518,845, Cl. 219-216.000.
- Sweeny, Norman P.; Relyea, Keith E.; and Brustad, Wayne L., 4,493,869, Cl. 428-201.000.
- Sweeny, Norman P., 4,528,226, Cl. 428-40.000.
- Tait, William C.; and Harklau, Lanny L., 4,555,291, Cl. 156-250.000.
- Thompson, Craig D., 4,498,507, Cl. 140-93.200.
- Tomioka, Shigeo, 4,503,105, Cl. 428-36.000.
- Tomsyck, John P.; and Zohn, Thomas J., 4,501,396, Cl. 242-199.000.
- Tung, Chi F.; and Coderre, James C., 4,511,210, Cl. 350-105.000.
- Tye, Ronald G., 4,554,424, Cl. 200-86.00R.
- van den Honert, Christopher; and Stypulkowski, Paul H., 4,535,785, Cl. 128-746.000.
- Vanderwerf, Dennis F., 4,561,740, Cl. 353-101.000.
- Vernon, Caroline L.; and Stanek, Earl A., 4,557,960, Cl. 428-40.000.
- Vogelgesang, Peter J., 4,525,696, Cl. 335-272.000.
- Wartman, Thomas G., 4,508,810, Cl. 430-201.000.
- Wells, Edward S.; Ford, Spencer K.; Werner, Jack E.; and Lindsay, Erin J., 4,512,163, Cl. 62-394.000.
- Whitcomb, David R., 4,500,601, Cl. 428-403.000.
- Williner, Mario, 4,495,713, Cl. 34-68.000.
- Windorski, David C.; and Kubiatowicz, David O., 4,509,506, Cl. 128-1.200.
- Wright, Robin E., 4,503,140, Cl. 430-289.000.
- Wulfing, James J.; and Rood, Robert M., 4,515,330, Cl. 242-197.000.
- Wulfing, James J.; and Rood, Robert M., 4,520,969, Cl. 242-71.800.
- Zarr, Myron, 4,534,523, Cl. 242-192.000.

Minnesota Valley Engineering, Inc.: *See—*
- Gustafson, Keith W., 4,491,347, Cl. 285-47.000.
- Remes, R. Scott; and Thompson, Paul J., 4,548,335, Cl. 220-466.000.

Minney, Stephen C.; and Harmony, Daniel C., to Engineering & Research Associates, Inc. Blood tubing sealing unit. 4,529,859, 7-16-85, Cl. 219-10.810.

Minney, Stephen C.: *See—*
- Acker, Loren C.; Taylor, Junius E.; and Minney, Stephen C., 4,496,819, Cl. 219-10.810.

Minnick, Larry A.: *See—*
- Barbee, Robert B.; Bass, Roy K.; Davis, Burns; and Minnick, Larry A., 4,501,879, Cl. 528-288.000.

Minnick, Michael G.; and Weisz, Robert O., to Essex Group, Inc. RF suppressing magnet wire. 4,503,284, 3-5-85, Cl. 174-36.000.

Minnis, Brian J., to U.S. Philips Corporation. Bandpass filters. 4,513,263, 4-23-85, Cl. 333-204.000.

Minnwesota Mining and Manufacturing Company: *See—*
- Shipman, Gene H., 4,539,256, Cl. 428-315.500.

Mino, Hisashi; and Iizima, Takeshi, to Sanyo-Kokusaku Pulp Co., Ltd. Color image forming method and color image forming photo-sensitive material to be used therefor. 4,551,408, 11-5-85, Cl. 430-141.000

Mino, Mineo: *See—*
- Kageyama, Yoshikazu; Nagasaki, Sakon; and Mino, Mineo, 4,521,735, Cl. 324-433.000.

Mino, Tetsuya: *See—*
- Shibata, Shin; Aoyama, Akira; and Mino, Tetsuya, 4,513,337, Cl. 360-121.000.

Mino, Tomoaki: *See—*
- Okada, Sadayuki; Sonobe, Hisao; and Mino, Tomoaki, 4,502,286, Cl. 62-119.000.

Mino, Yuji: *See—*
- Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.

Minogue, Paschal: *See—*
- Tuthill, Michael G.; and Minogue, Paschal, 4,558,242, Cl. 307-577.000.

Minoh, Michihiko: *See—*
- Sakai, Toshiyuki; Ohta, Yuichi; Minoh, Michihiko; and Hino, Masatoshi, 4,525,747, Cl. 358-284.000.

Minokami, Tadashi: *See—*
- Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,496,611, Cl. 427-160.000.
- Kawakubo, Fumio; Hirose, Toshifumi; Minokami, Tadashi; Hosaka, Miyako; and Isayama, Katsuhiko, 4,513,061, Cl. 428-429.000.

Minolta Camera Kabushiki Kaisha: *See—*
- Ando, Makoto; and Miki, Yukio, 4,493,534, Cl. 350-429.000.
- Fukui, Kazuyuki, 4,496,145, Cl. 271-122.000.
- Fukui, Kazuyuki, 4,515,358, Cl. 271-122.000.
- Hanamoto, Hiroyuki; and Horie, Yoshihiro, 4,500,957, Cl. 364-200.000.
- Hashimoto, Kaoru; and Nagata, Kenzo, 4,556,779, Cl. 219-216.000.
- Honda, Yasuhisa; and Ando, Makoto, 4,548,488, Cl. 354-402.000.
- Ichikawa, Teruo, 4,491,980, Cl. 455-344.000.
- Inagaki, Sanji, 4,550,243, Cl. 219-216.000.
- Inagaki, Tetsuhiko, 4,549,799, Cl. 354-400.000.
- Ishida, Tokuji, 4,497,562, Cl. 354-416.000.
- Ishida, Tokuji; and Hosomizu, Hiroshi, 4,542,975, Cl. 354-416.000.
- Ishikawa, Norio; and Omaki, Takanobu, 4,492,448, Cl. 354-406.000.
- Ito, Masazumi; and Nagata, Kenzo, 4,535,463, Cl. 377-8.000.
- Karasaki, Toshihiko; Mukai, Hiromu; and Kawamura, Kunio, 4,529,287, Cl. 354-406.000.
- Kawamura, Kunio; Mukai, Hiromu; and Karasaki, Toshihiko, 4,526,458, Cl. 354-406.000.
- Kawamura, Takao; and Yoshida, Masazumi, 4,491,626, Cl. 430-69.000.
- Kitaura, Mashio; Ishikawa, Norio; and Ishimura, Toshihiko, 4,512,646, Cl. 354-409.000.
- Kobori, Toshio; Taniguchi, Nobuyuki; Omaki, Takanobu; and Nakai, Masaaki, 4,529,290, Cl. 354-442.000.
- Kudo, Yoshinobu, 4,493,536, Cl. 350-462.000.
- Maeda, Keisuke, 4,549,800, Cl. 354-400.000.
- Masumoto, Hisayuki; and Shimomura, Masaichi, 4,492,437, Cl. 350-428.000.
- Masumoto, Hisayuki; and Ogino, Shuji, 4,494,828, Cl. 350-427.000.
- Matsuda, Motonobu; and Ito, Masatoshi, 4,561,746, Cl. 354-400.000.
- Matsui, Toshio; Doi, Yasuhiro; Kinoshita, Keichi; and Ishiguro, Kuniaki, 4,548,403, Cl. 271-296.000.
- Matsumoto, Toshiaki; and Taniguchi, Nobuyuki, 4,540,261, Cl. 354-173.110.
- Metabi, Tsuneyo, 4,525,037, Cl. 350-450.000.
- Miki, Yukio; and Egawa, Takeshi, 4,492,429, Cl. 350-257.000.
- Miki, Yukio; and Egawa, Takeshi, 4,534,621, Cl. 350-257.000.
- Mukai, Hiromu; Karasaki, Toshihiko; and Kawamura, Kunio, 4,552,445, Cl. 354-406.000.
- Murata, Tomoji; Hayashi, Masamichi; Goto, Yasuo; and Sakurai, Seiichi, 4,518,249, Cl. 355-67.000.

- Nakai, Masaaki; Sahara, Masayoshi; Hosomizu, Hiroshi; and Ishida, Tokuji, 4,496,230, Cl. 354-416.000.
- Nakai, Masaaki; Kogure, Yasuzi; Sahara, Masayoshi; and Kobori, Toshio, 4,504,133, Cl. 354-266.000.
- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,509,846, Cl. 354-442.000.
- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,529,288, Cl. 354-442.000.
- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,540,262, Cl. 354-195.130.
- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,560,267, Cl. 354-412.000.
- Nakatani, Keiji; Yamagishi, Seiichi; and Ishii, Kenjiro, 4,524,315, Cl. 318-603.000.
- Namba, Yasuhiro, 4,494,849, Cl. 354-406.000.
- Nanba, Yasuhiro; Gotoh, Takayuki; Yamakawa, Eiji; and Karasaki, Toshihiko, 4,496,834, Cl. 250-211.00R.
- Nishioka, Nobuaki; Makio, Tatsumi; and Ito, Katsutsune, 4,524,370, Cl. 346-155.000.
- Ogino, Shuji, 4,560,253, Cl. 350-426.000.
- Oka, Tateki, 4,506,804, Cl. 222-64.000.
- Oka, Tateki, 4,562,130, Cl. 430-54.000.
- Okamoto, Hiroshi; and Matsushita, Kouzi, 4,502,777, Cl. 355-14.00R.
- Okamura, Shigeo; Sato, Yoshihiro; and Takahashi, Kenji, 4,530,140, Cl. 29-110.000.
- Omaki, Takanobu; Nakamura, Akiyoshi; Ishida, Masato; and Matsushita, Shuzo, 4,561,748, Cl. 354-403.000.
- Sawa, Seiji; and Kita, Nobuyuki, 4,523,597, Cl. 128-652.000.
- Shibazaki, Kenji; Irie, Yutaka; Ito, Masazumi; and Murata, Tomoji, 4,543,643, Cl. 364-900.000.
- Sugiura, Masamichi; and Kitagawa, Tsuneo, 4,491,827, Cl. 340-365.00R.
- Sugiura, Masamichi; and Shibazaki, Kenji, 4,506,974, Cl. 355-14.00R.
- Sugiura, Masamichi, 4,561,764, Cl. 355-8.000.
- Sugiura, Masamichi, 4,561,771, Cl. 355-14.00R.
- Sugiyama, Takashi, 4,498,760, Cl. 355-15.000.
- Tanaka, Atsuyuki, 4,494,862, Cl. 355-14.00C.
- Tanaka, Harumi; and Iwata, Takashi, 4,527,876, Cl. 354-229.000.
- Tanaka, Susumu; and Takebe, Kaoru, 4,525,447, Cl. 430-122.000.
- Tanaka, Susumu; and Takebe, Kaoru, 4,539,281, Cl. 430-45.000.
- Tanaka, Susumu; and Takebe, Kaoru, 4,562,129, Cl. 430-42.000.
- Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, 4,509,842, Cl. 354-402.000.
- Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.
- Taniguchi, Nobuyuki; Ishikawa, Norio; and Egawa, Takeshi, 4,536,072, Cl. 354-403.000.
- Taniguchi, Nobuyuki; Ishikawa, Norio; and Egawa, Takeshi, 4,537,487, Cl. 354-400.000.
- Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, 4,550,993, Cl. 354-402.000.
- Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.
- Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.
- Tokumaru, Hisashi, 4,516,839, Cl. 350-426.000.
- Uchiyama, Tadamitsu, 4,538,160, Cl. 346-140.00R.
- Ueda, Hideaki, 4,547,447, Cl. 430-78.000.
- Ueda, Hiroshi; Saito, Mitsuru; and Kajita, Hideo, 4,537,732, Cl. 264-1.100.
- Ueda, Hiroshi; Yoshizaki, Akira; and Masaki, Yasuo, 4,560,261, Cl. 354-121.000.
- Wada, Kenichi; Oka, Tateki; and Tabuchi, Kenji, 4,514,480, Cl. 430-30.000.
- Watanabe, Yutaka; and Fukumoto, Fumio, 4,535,981, Cl. 271-121.000.
- Yamaguchi, Tamikazu, 4,514,052, Cl. 350-466.000.
- Yamakawa, Kazuo, 4,530,575, Cl. 350-432.000.
- Yamanaka, Akira, 4,500,191, Cl. 354-418.000.
- Yamazaki, Keiji, 4,512,647, Cl. 354-441.000.
- Yasukuni, Mitsuo, 4,518,229, Cl. 350-454.000.
- Yuasa, Yoshio; and Kawagoe, Nobukazu, 4,518,250, Cl. 355-69.000.
- Yuasa, Yoshio; Kawagoe, Nobukazu; and Yasumoto, Hidetoshi, 4,531,830, Cl. 355-56.000.
- Yuasa, Yoshio; Yasumoto, Hidetoshi; Kawagoe, Nobukazu; Naruse, Kazuhiko; and Inaba, Masahito, 4,551,011, Cl. 355-35.000.

Minomura, Mana: *See*—
- Sano, Shigehisa; Seto, Isao; Koseki, Hiroyuki; and Minomura, Mana, 4,508,152, Cl. 152-356.00R.

Minor, James C., to Eastman Kodak Company. Apparatus for producing finished booklets. 4,522,542, 6-11-85, Cl. 412-25.000.

Minor, John W. Solar heating and storage unit. 4,537,180, 8-27-85, Cl. 126-437.000.

Minorikawa, Hitoshi: *See*—
- Nakazawa, Terumi; Minorikawa, Hitoshi; and Kawakami, Kazuhiko, 4,546,412, Cl. 361-395.000.

Minoru, Yoshihara: *See*—
- Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, 4,519,839, Cl. 75-242.000.

Minosawa, Yoshio: *See*—
- Hatakeyama, Yoshiharu; and Minosawa, Yoshio, 4,553,679, Cl. 215-232.000.

Minoshima, Katsuji: *See*—
- Fukuju, Osamu; Inagaki, Yasuhiro; and Minoshima, Katsuji, 4,555,104, Cl. 271-228.000.

Minoura, Kazuo: *See*—
- Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.
- Tokumitsu, Jun; and Minoura, Kazuo, 4,512,632, Cl. 350-167.000.

Minow, Martin: *See*—
- Bruckert, Edward; Conroy, David; Ellison, Richard; and Minow, Martin, 4,552,992, Cl. 178-69.00G.

Minowa, Nobuto; Fukatsu, Shunzo; Tachibana, Kunitaka; Niida, Taro; and Mase, Sadaaki, to Meiji Seika Kaisha Ltd. Process for preparing optically active [(3-amino-3-carboxy)propyl-1]phosphinic acid derivatives. 4,499,027, 2-12-85, Cl. 260-502.50G.

Minowa, Nobuto; Fukatsu, Shunzo; Niida, Taro; and Mase, Sadaaki, to Meiji Seika Kaisha Ltd. Phosphinic acid esters and process for preparing the same. 4,510,102, 4-9-85, Cl. 260-941.000.

Minowa, Susumu: *See*—
- Takayanagi, Takeshi; Suzuki, Shizuo; Minowa, Susumu; and Nozaki, Yoshihiko, 4,557,316, Cl. 164-517.000.

Minowa, Yoshibumi: *See*—
- Yoshizawa, Kenji; Kodama, Hitoshi; Minowa, Yoshibumi; Komura, Hirotsugu; and Ito, Hiroshi, 4,498,029, Cl. 315-39.000.

Minshall, Michael; Park, Brian; Etchegoyen, Carlos; and Babrovniczky, Bert, to Spacemaker Limited. Stove. 4,558,687, 12-17-85, Cl. 126-59.000.

Minshew, Edward C., Jr.; and Chesley, Ray F. Device for drawing, holding and dispensing liquid. 4,498,510, 2-12-85, Cl. 141-27.000.

Minsky Motorny Zavod: *See*—
- Vorobiev, Ivan Y.; Zharnov, Viktor M.; and Naumenko, Viktor D., 4,548,165, Cl. 123-41.840.

Minster Machine Company, The: *See*—
- Grow, Arthur L.; Gregorovich, Charles J.; and Seyfried, Donald N., 4,513,600, Cl. 72-345.000.
- Grow, Arthur L.; Gregorovich, Charles J.; and Seyfried, Donald N., 4,554,814, Cl. 72-345.000.

Minten, Karl; and Krug, William, to Gould Inc. Manganese-tertiary phosphine-polymer complexes. 4,544,707, 10-1-85, Cl. 525-330.400.

Minton, Thomas C., to Malicoat, Lewis M., Trustee. Variable stud welding chuck. 4,562,329, 12-31-85, Cl. 219-99.000.

Mints, Danny K.: *See*—
- Byrd, James V., Jr.; and Mints, Danny K., 4,553,880, Cl. 406-23.000.

Mintz, Daniel. Ladder. 4,524,847, 6-25-85, Cl. 182-23.000.

Mintz, Leon: *See*—
- Block, Charles; and Mintz, Leon, 4,527,491, Cl. 112-104.000.

Mintz, Michael D., to International Technidyne Corp. Apparatus for analyzing the influence of additive reagents upon the coagulation of blood and related methods. 4,551,308, 11-5-85, Cl. 422-58.000.

Minucciani, Giorgio; and Sola, Domenico, to D.E.A. Digital Electronic Automation S.p.A. Operating arm unit controlled by a computer system. 4,534,006, 8-6-85, Cl. 364-513.000.

Minuhin, Vadim B., to Magnetic Peripherals Inc. Multichannel signal recovery circuit. 4,517,610, 5-14-85, Cl. 360-24.000.

Minuth, Walter: *See*—
- Esser, Karl; and Minuth, Walter, 4,506,014, Cl. 435-172.300.

Minz, Franz-Rudolf; and Vajna, Sandor, to Bayer Aktiengesellschaft. Process for removing sulphate from electrolysts brine. 4,556,463, 12-3-85, Cl. 204-98.000.

Minzghor, Karsten R.: *See*—
- Little, Edwin D.; and Minzghor, Karsten R., 4,534,954, Cl. 423-515.000.

Mio, Mitsushi; and Negita, Hisao, to Awaji Sangyo Kabushiki Kaisha; and Negita, Hisao. Solid-body heating unit. 4,536,645, 8-20-85, Cl. 219-543.000.

Mioche, Robert, to Compagnie Generale des Etablissements Michelin. Method and apparatus for obtaining sheets from a flexible material, particularly a latex coagulum. 4,513,648, 4-30-85, Cl. 83-871.000.

Mioche, Robert, to Compagnie Generale des Etablissements Michelin. Apparatus for forming and cutting latex blocks into strips. 4,515,548, 5-7-85, Cl. 425-308.000.

Mioche, Robert, to Compagnie Generale des Etablissements Michelin. Apparatus for obtaining strips from a material, particularly from a latex coagulum. 4,560,338, 12-24-85, Cl. 425-308.000.

Mioduski, Paul, to RDM International, Inc. Circuit apparatus and method for electrothermal treatment of cancer eye. 4,531,524, 7-30-85, Cl. 128-422.000.

Mion, Jean-Luc: *See*—
- Capdebosco, Bernard; and Mion, Jean-Luc, 4,506,875, Cl. 271-99.000.

Mion, Sergio, to A. Mion S.p.A. Nastrificio. Method and apparatus for cutting woven labels. 4,500,372, 2-19-85, Cl. 156-73.300.

Miotk, Bernd: *See*—
- Hodes, Erich; Lippok, Peter; and Miotk, Bernd, 4,562,122, Cl. 428-644.000.

Miotto, Mirella: *See*—
- Holzle, Gerd; Miotto, Mirella; Reinert, Gerhard; and Polony, Rudolf, 4,497,741, Cl. 260-245.770.

Miquel, Jean: *See*—
- Juguin, Bernard; Martino, Germain; and Miquel, Jean, 4,498,907, Cl. 44-56.000.
- Juguin, Bernard; and Miquel, Jean, 4,544,791, Cl. 585-517.000.

Mira, Silvio: *See—*
  Goede, Simon; Hauser, Peter; and Mira, Silvio, 4,527,894, Cl. 356-28.000.

Mirabella, Peter D., to United States of America, Army. Method of molding a red phosphorous pyrotechnic composition. 4,503,004, 3-5-85, Cl. 264-3.00R.

Mirabile, Paul J. Automatic beverage tube cleaner. 4,527,585, 7-9-85, Cl. 137-240.000.

Miracle Metals, Inc.: *See—*
  Badger, Philip O., 4,528,079, Cl. 204-129.100.
  Badger, Philip O., 4,553,417, Cl. 72-42.000.

Miraglia, John A.: *See—*
  Gillett, John B.; and Miraglia, John A., 4,499,523, Cl. 361-383.000.
  Gillett, John B.; and Miraglia, John A., 4,542,950, Cl. 339-75.0MP.

Miram, George V.; and Mizuhara, Yosuke M., to Varian Associates, Inc. Adjustable beam permanent-magnet-focused linear-beam microwave tube. 4,555,646, 11-26-85, Cl. 315-5.350.

Miramanda, Fernando X. Stopper for containers for use in analyses. 4,515,752, 5-7-85, Cl. 422-99.000.

Miranda, Giovanna F.: *See—*
  Nisato, Dino; Frigerio, Marco; and Miranda, Giovanna F., 4,521,428, Cl. 514-277.000.

Miranda, Hector; and DeYoung, Thomas W., to Exxon Research & Engineering Co. Method of and apparatus for priming an ink jet. 4,517,577, 5-14-85, Cl. 346-140.00R.

Miranker, Glen S.; and Wong, Chak-Kuen, to International Business Machines Corporation. Dual reciprocating pipelined sorter. 4,520,456, 5-28-85, Cl. 364-900.000.

Miranker, Glen S.: *See—*
  Cook, Peter W.; Hsieh, Hung-Hui; and Miranker, Glen S., 4,504,924, Cl. 364-787.000.

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  Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.

Mirebeau, Pierre; and Gindre, Jean, to Compagnie Europeenne d'Accumulateurs. Electrolyte for a lead acid accumulator, and an accumulator using said electrolyte. 4,555,458, 11-26-85, Cl. 429-203.000.

Miree, Mallory F. Method and apparatus for mounting flashlights to bicycles. 4,541,555, 9-17-85, Cl. 224-41.000.

Mirhej, Michael E., to Du Pont de Nemours, E. I., and Company. Process for polyester yarns. 4,505,867, 3-19-85, Cl. 264-103.000.

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  Warenback, Douglas H.; Rathmann, Thomas M.; and Mirkovich, Ninko T., 4,547,247, Cl. 156-345.000.

Mirley, William H., Jr.: *See—*
  Duncen, Robert J.; Maxner, Richard B.; McLean, Jean A.; and Mirley, William H., Jr., 4,549,087, Cl. 250-561.000.

Miro Industries, Inc.: *See—*
  Curtis, Marvin R., Jr., 4,502,653, Cl. 248-55.000.
  Pruyne, Jerry R., 4,513,934, Cl. 248-49.000.

Mirodan, Ets. Louis D'Haene & Sons: *See—*
  Dricot, Jean-Marie, 4,513,649, Cl. 83-883.000.

Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I. Microswitch. 4,559,422, 12-17-85, Cl. 200-67.00D.

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  Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.

Miroshnik, Vladimir I.: *See—*
  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.

Mirow, Fred A.; and Quinones, Matthew M., to Honeywell Information Systems Inc. Apparatus for generating trapezoidal signals over a single conductor coaxial bus. 4,514,820, 4-30-85, Cl. 364-858.000.

Mirowski, Mieczyslaw: *See—*
  Mower, Morton M., 4,559,946, Cl. 128-419.00D.

Mirsberger, Peter: *See—*
  Wenske, Rolf; Schnell, Hans; and Mirsberger, Peter, 4,491,521, Cl. 210-401.000.

Mirsky, Saul: *See—*
  Starosehky, Naum; and Mirsky, Saul, 4,494,006, Cl. 290-4.000.

Mirtich, Michael J.; Sovey, James S.; and Banks, Bruce A., to United States of America, National Aeronautics and Space Administration. Oxidation protection coatings for polymers. 4,560,577, 12-24-85, Cl. 427-38.000.

Mirto, Nicholas. Snow remover for automobiles and the like. 4,550,943, 11-5-85, Cl. 294-54.500.

Mirtsch, Frank: *See—*
  Wolowski, Eckard; and Mirtsch, Frank, 4,555,325, Cl. 208-10.000.

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  Giolito, Silvio L.; and Mirviss, Stanley B., 4,559,184, Cl. 260-974.000.

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  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.

Misaizu, Iwao: *See—*
  Kuriyama, Katsumi; Kondo, Isao; and Misaizu, Iwao, 4,510,186, Cl. 427-381.000.

Misaka, Yoshiharu; Teraue, Takeshi; and Hatae, Masamiti, to Mitsubishi Chemical Industries Limited. Process for producing cation exchange resins without swelling during sulphonation process. 4,500,652, 2-19-85, Cl. 521-33.000.

Misaki, Hideo; and Taniuchi, Masahiko, to Toyo Jozo Kabushiki Kaisha. High sensitivity assay method. 4,556,634, 12-3-85, Cl. 435-25.000.

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  Imamura, Shigeyuki; Misaki, Hideo; Ishikawa, Hidehiko; and Matsuura, Kazuo, 4,491,631, Cl. 435-4.000.
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  Yoshino, Eiichi; Matsuura, Kazuo; and Misaki, Hideo, 4,496,655, Cl. 435-191.000.

Misaki, Hirozumi: *See—*
  Gobara, Taku; and Misaki, Hirozumi, 4,504,795, Cl. 330-277.000.

Misaki, Susumu; Ishii, Sadamu; and Suefuji, Masahiro, to Daikin Kogyo Co., Ltd. Direct fluorination of etherified or unetherified hydroxy group bearing aromatic compounds. 4,524,032, 6-18-85, Cl. 260-465.00F.

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Misasa, Mitsugu; and Hirayama, Ryoichi, to Idemitsu Petrochemical Co., Ltd. Laminated materials for thermoforming into food packaging. 4,559,266, 12-17-85, Cl. 428-341.000.

Misawa Homes Co., Ltd.: *See—*
  Hanaoka, Tadashi; and Umezu, Hiroaki, 4,517,799, Cl. 62-323.100.
  Kataishi, Takao; and Seo, Iwazou, 4,515,552, Cl. 425-436.0RM.
  Kinoshita, Teruo, 4,545,214, Cl. 62-160.000.

Misawa, Kazuo: *See—*
  Kambara, Koji; Misawa, Kazuo; Honda, Mikio; Matsui, Koichi; and Kohri, Kitijiro, 4,507,115, Cl. 604-135.000.

Misawa, Norio, to Tokyo Shibaura Denki Kabushiki Kaisha. Sealing device for electrostatic copying machine. 4,522,487, 6-11-85, Cl. 355-15.000.

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  Imose, Kazuo; Yamamuro, Kiyoshi; Takeuchi, Hironori; and Misawa, Takashi, 4,518,962, Cl. 340-870.280.

Misawa, Yoshihiko; Seno, Makito; and Fujiwara, Koji, to Matsushita Electric Industrial Co., Ltd. Automatic board transfer apparatus. 4,524,860, 6-25-85, Cl. 198-740.000.

Misawa, Yutaka: *See—*
  Hidaka, Toshiyuki; Sakamoto, Hisashi; Fukuhara, Toshiaki; Fujieda, Sadao; and Misawa, Yutaka, 4,540,603, Cl. 427-82.000.

Misch, Carl E. Method and apparatus for preparing mucosal tissue for the reception of denture anchoring intramucosal inserts. 4,500,292, 2-19-85, Cl. 433-173.000.

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  Gillessen, Klaus; Mischel, Peter; and Malinowski, Christopher, 4,504,740, Cl. 250-578.000.

Mischenko, John, III: *See—*
  Pall, David B.; Degen, Peter J.; and Mischenko, John, III, 4,534,388, Cl. 141-1.000.

Mischenko, Peter S.; and Buehl, George T., to International Jensen Incorporated. Disc cleaner. 4,561,142, 12-31-85, Cl. 15-97.00R.

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Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Mischke, Walter, to Deutsche Babcock Aktiengesellschaft. Nozzle for a fluidized bed firing system. 4,526,111, 7-2-85, Cl. 110-245.000.

Misco, Peter F., Jr.: *See—*

Kim, Choung U.; and Misco, Peter F., Jr., 4,552,696, Cl. 260-245.20T.

Misczyk, Gerald P., to Brockway, Inc. Fatty acid emulsion and coating of glassware therewith. 4,526,816, 7-2-85, Cl. 427-417.000.

Misenheimer, James R., to Celanese Corporation. Card web strength test. 4,503,704, 3-12-85, Cl. 73-159.000.

Misevich, Kenneth W.; Cross, Henry D., III; Dube, Roland E.; and McGregor, Rob R., to Colgate-Palmolive Company. Athletic type shoe for tennis and other court games. 4,542,598, 9-24-85, Cl. 36-114.000.

Misevich, Kenneth W.; and Wilson, John L. A., to Colgate-Palmolive Company. Athletic running shoe. 4,557,059, 12-10-85, Cl. 36-32.00R.

Misevich, Kenneth W., to Colgate-Palmolive Company. Golf shoe sole structures for relieving spike-produced pressure points. 4,561,197, 12-31-85, Cl. 36-127.000.

Mishark, Joseph E.: *See—*

Biser, Roger W.; and Mishark, Joseph E., 4,550,320. Cl. 346-75.000.

Mishima, Akio; Okuda, Yoshiro; Harada, Tosiharu; Mukaizaka, Akira; and Imai, Tomoyuki, to Toda Kogyo Corp. Acicular ferromagnetic alloy particles for magnetic recording and process for producing the same. 4,514,216, 4-30-85, Cl. 75-0.5AA.

Mishima, Fumiyuki: *See—*

Takenoya, Hideaki; and Mishima, Fumiyuki, 4,522,520, Cl. 400-636.100.

Takenoya, Hideaki; and Mishima, Fumiyuki, 4,538,932, Cl. 400-185.000.

Takenoya, Hideaki; and Mishima, Fumiyuki, 4,553,870, Cl. 400-662.000.

Mishima, Katsuhiko: *See—*

Sawayama, Yoshihiko; and Mishima, Katsuhiko, 4,491,783, Cl. 324-57.00N.

Mishima Kosan Company, Limited: *See—*

Minami, Kenji; Kawata, Yoshimasa; Ushio, Tetsuji; Tani, Hoshiro; and Mitani, Kazuhisa, 4,502,924, Cl. 204-16.000.

Mishima, Kunio: *See—*

Tominaga, Masahiro; Nakamura, Kenichi; and Mishima, Kunio, 4,495,234, Cl. 428-122.000.

Mishima, Matsuo, to Micro Technology Laboratory Co., Ltd. Columnar solid body rotor. 4,501,984, 2-26-85, Cl. 310-261.000.

Mishima, Mitsutaka. Wristwatch protector. 4,511,261, 4-16-85, Cl. 368-286.000.

Mishima, Ryoji; and Miyamoto, Hitoshi, to Kasei Naoetsu Light Metal Industries, Ltd. Process for producing superplastic aluminum alloy strips. 4,531,977, 7-30-85, Cl. 148-2.000.

Mishiro, Shoji; and Hamada, Seiji, to Taga Electric Company Ltd. Driving frequency controlling method for an ultrasonic transducer driving apparatus. 4,562,413, 12-31-85, Cl. 331-116.00R.

Mishra, Indu B., to Olin Corporation. Potassium fluoride stabilized ammonium nitrate. 4,552,736, 11-12-85, Cl. 423-266.000.

Mishuku, Toshio: *See—*

Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.

Iida, Hideyo; Kato, Koumei; Mishuku, Toshio; and Fujimaki, Yukiko, 4,510,195, Cl. 428-215.000.

Misiorny, Alfons: *See—*

Helgstrand, Ake J. E.; Johansson, Karl N. G.; Misiorny, Alfons; Noren, Jan O.; and Stening, Goran B., 4,536,400, Cl. 514-120.000.

Miskel, John J., Jr.: *See—*

Lipowski, Stanley A.; and Miskel, John J., Jr., 4,505,828, Cl. 252-8.55D.

Lipowski, Stanley A.; Miskel, John J., Jr.; and Schick, Martin J., 4,505,833, Cl. 252-8.50C.

Lipowski, Stanley A.; and Miskel, John J., Jr., 4,552,670, Cl. 252-8.50C.

Miskiewicz, Leonard A. Removable cap members for pliers. 4,499,798, 2-19-85, Cl. 81-423.000.

Miskin, Richard B. Scraper with ripper assembly. 4,553,608, 11-19-85, Cl. 172-197.000.

Miskinis, Edward T.; and Jadwin, Thomas A., to Eastman Kodak Company. Two-component, dry electrographic developer compositions containing hard magnetic carrier particles and method for using the same. 4,546,060, 10-8-85, Cl. 430-108.000.

Misono, Shinji: *See—*

Suzuki, Hiroaki; and Misono, Shinji, 4,500,672, Cl. 524-496.000.

Misra, Raj N.; and Karanewsky, Donald S., to E. R. Squibb & Sons, Inc. 2-pyridylcarboxamides which inhibit arachidonic acid release. 4,555,520, 11-26-85, Cl. 514-346.000.

Misra, Surya K.: *See—*

Hessel, William; Niemeyer, Wayne D.; Misra, Surya K.; and Openchowski, Richard A., 4,506,533, Cl. 72-42.000.

Misselbrook, John, to American Cyanamid Company. Method for the preparation of water dispersible granular herbicidal compositions with increased thermal stability. 4,511,395, 4-16-85, Cl. 71-121.000.

Missick, Kenneth P.: *See—*

Chapman, Athol W.; Cope, Fred E.; and Missick, Kenneth P., 4,556,250, Cl. 297-192.000.

Missimer, Dale J.; and St. Pierre, Michael R., to Marin Tek, Inc. Fast cycle water vapor cryopump. 4,535,597, 8-20-85, Cl. 62-55.500.

Missio, Bruno; and Giorgioni, Angelo, to Girogioni di A. Giorgioni & C. s.a.s. Apparatus for driving take-up elements for palletizable load units. 4,515,025, 5-7-85, Cl. 74-27.000.

Mississippi Chemical Corporation: *See—*

McDonald, Daniel P.; and Wade, James C., 4,500,502, Cl. 423-321.00R.

Simms, Douglas P.; and Dobbs, Joseph M., 4,521,239, Cl. 71-27.000.

Missman, Eugene E. Fireplace loading tool. 4,542,927, 9-24-85, Cl. 294-9.000.

Missout, Bernard M., to Societe Anonyme de Telecommunications; and Societe Industrielle de Liaisons Electriques. Apparatus for manufacturing a grooved cylindrical core particularly for optical cable. 4,548,567, 10-22-85, Cl. 425-113.000.

Mr. Christmas Incorporated: *See—*

Hermanson, Terry, 4,510,955, Cl. 135-25.00R.

Mr. Gasket Company: *See—*

Carlo, Louis D., 4,515,033, Cl. 74-476.000.

May, Richard L., 4,535,397, Cl. 362-369.000.

Spiegel, Martin A.; and Roberts, Franklin D., 4,511,183, Cl. 301-37.00S.

Spiegel, Martin A.; and Weld, Greg, 4,530,542, Cl. 301-37.00R

Mr. Wash Auto-Service AG: *See—*

Messing, Horst, 4,550,464, Cl. 15-53.00B.

Mistlberger, Bruno: *See—*

Schonberger, Johann; Bloo, Johann; Mistlberger, Bruno; and Gehmaier, Johann, 4,509,562, Cl. 139-13.00R.

Misto$_2$Gen Equipment Corporation: *See—*

Cameto, L. Robert; and Jepson, Robert M., 4,506,511, Cl. 62-3.000.

Mistral Windsurfing AG: *See—*

Gaide, Albert, 4,526,120, Cl. 114-39.000.

Gaide, Albert, 4,537,143, Cl. 114-39.000.

Prade, Ernstfried, 4,556,003, Cl. 114-39.000.

Mistretta, Charles A.; Peppler, Walter W.; Kudva, Balakrishna V.; Hasegawa, Bruce H.; and Dobbins, James T., III, to Wisconsin Alumni Research Foundation. Digitally controlled X-ray beam attenuation method and apparatus. 4,497,062, 1-29-85, Cl. 378-158.000.

Mistry, Dalpat D.: *See—*

Chang, Kwangling; and Mistry, Dalpat D., 4,531,318, Cl. 40-449.000.

Mistry, Kantilal, to Blonder-Tongue Laboratories, Inc. Method of and apparatus for scrambled television program addressable subscription selection and decoding. 4,494,142, 1-15-85, Cl. 358-118.000.

Misty Vapor, Inc.: *See—*

Webb, Richard, 4,513,726, Cl. 123-523.000.

Mistyurik, John D., to Monarch Marking Systems, Inc. Hand-held labeler and labeling method. 4,516,498, 5-14-85, Cl. 101-288.000.

Mistyurik, John D., to Monarch Marking Systems, Inc. Hand-held labeler. 4,544,434, 10-1-85, Cl. 156-384.000.

Mistyurik, John D.: *See—*

Hamisch, Paul H., Jr.; and Mistyurik, John D., 4,511,422, Cl. 156-384.000.

Hamisch, Paul H., Jr.; and Mistyurik, John D., 4,561,926, Cl. 156-381.000.

Misu, Hiroshi: *See—*

Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, 4,511,645, Cl. 430-276.000.

Misu, Tatsuo: *See—*

Noda, Masahiro; and Misu, Tatsuo, 4,491,198, Cl. 187-29.00R.

Misumi, Akira: *See—*

Kumada, Masaharu; Tanabe, Hideo; Yuhara, Katsuo; Misumi, Akira; and Kawasaki, Hiroshi, 4,543,441, Cl. 136-249.000.

Misumi, Atsushi; and Hiromoto, Shuji, to NHK Spring Co., Ltd. Fiber-reinforced plastics leaf spring. 4,530,490, 7-23-85, Cl. 267-47.000.

Misumi, Kozo: *See—*

Kadomatsu, Seiji; and Misumi, Kozo, 4,547,554, Cl. 525-334.100.

Misumi, Teruo; and Osato, Yoichi, to Canon Kabushiki Kaisha. Electrophotographic photosensitive Se or Se alloy doped with oxygen. 4,518,671, 5-21-85, Cl. 430-84.000.

Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, to Canon Kabushiki Kaisha. Photoconductive member having multiple amorphous layers. 4,536,459, 8-20-85, Cl. 430-57.000.

Misumi, Teruo: *See—*

Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,507,375, Cl. 430-128.000.

Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,552,824, Cl. 430-64.000.

Kanbe, Junichiro; Shirai, Shigeru; Misumi, Teruo; Saitoh, Keishi; and Osato, Yoichi, 4,536,460, Cl. 430-57.000.

Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka; Misumi, Teruo; and Fukuda, Tadaji, 4,551,405, Cl. 430-64.000.

Nakagawa, Katsumi; Komatsu, Toshiyuki; Hirai, Yutaka, Misumi, Teruo; and Fukuda, Tadaji, 4,557,990, Cl. 430-84.000.

Ogawa, Kyosuke; Shirai, Shigeru; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,522,905, Cl. 430-60.000.

Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo, and Kanbe, Junichiro, 4,529,679, Cl. 430-84.000.

Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,555,465, Cl. 430-95.000.

Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,501,807, Cl. 430-57.000.

Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,547,448, Cl. 430-84.000.

Misura, Michael S., to PPG Industries, Inc. Internally colored polyol (allyl carbonate) polymerizates comprising inorganic molybdenum compounds. 4,548,984, 10-22-85, Cl. 524-780.000.

Misuzu Machineries & Engineering Ltd.: *See—*

Shimamura, Hayato; and Maeda, Osamitsu, 4,550,751, Cl. 138-93.000.

Miszczak, Frank L.: *See—*

Cobb, David A.; and Miszczak, Frank L., 4,544,169, Cl. 277-235.00B.

Miszkiewicz, Henry L.: *See—*

Willmore, James A.; and Miszkiewicz, Henry L., 4,528,445, Cl. 235-469.000.

Mita, Akio; and Kashiwabara, Susumu, to Director-General of the Agency of Industrial Science and Technology. Water-absorbent. 4,495,082, 1-22-85, Cl. 252-194.000.

Mita Industrial Co., Ltd.: *See—*

Fujii, Kanichi; and Otaka, Masahiro, 4,510,608, Cl. 372-87.000.

Hayashi, Kiyoshi, 4,550,985, Cl. 350-6.300.

Hayashi, Kiyoshi; Hori, Setsuo; Hirata, Nobuyuki; Kobayashi, Kazuhiro; and Mizuno, Masayuki, 4,557,586, Cl. 355-11.000.

Higashiguchi, Teruaki; and Miyakawa, Nobuhiro, 4,535,044, Cl. 430-58.000.

Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.

Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,495,267, Cl. 430-106.600.

Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,517,274, Cl. 430-122.000.

Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,535,049, Cl. 430-137.000.

Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.

Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.

Kajita, Hiroshi; Nakajima, Tadanobu; and Iseki, Masahide, 4,502,779, Cl. 355-15.000.

Kajita, Hiroshi; Iseki, Masahide; Nakajima, Tadanobu; and Kawamori, Yoshizo, 4,530,598, Cl. 355-75.000.

Kawahara, Yoshihiro; and Hayashi, Kiyoshi, 4,516,141, Cl. 346-153.100.

Kawahara, Yoshihiro; and Hayashi, Kiyoshi, 4,518,975, Cl. 346-153.100.

Kimura, Hiroshi; Hisajima, Masahiko; and Shigemura, Yutaka, 4,505,571, Cl. 355-3.0SH.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.

Koyama, Shigeo; and Sakata, Hiromi, 4,548,394, Cl. 271-9.000.

Maekawa, Kouji; Kato, Mamoru; Nakagama, Syoji; and Sano, Yumiko, 4,524,117, Cl. 430-44.000.

Maekawa, Kouji; and Miyakawa, Nobuhiro, 4,530,893, Cl. 430-106.000.

Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, 4,500,897, Cl. 346-209.000.

Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, 4,502,067, Cl. 346-214.000.

Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, 4,492,746, Cl. 430-71.000.

Miyakawa, Nobuhiro, 4,495,268, Cl. 430-122.000.

Miyakawa, Nobuhiro; Fujii, Masanori; and Maekawa, Kouzi, 4,504,562, Cl. 430-106.600.

Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, 4,551,403, Cl. 430-58.000.

Miyakawa, Nobuhiro; Kokado, Hiroshi; and Inoue, Eiichi, 4,557,856, Cl. 252-500.000.

Miyoshi, Hideo; Umeda, Tadashi; and Aoki, Takashi, 4,515,465, Cl. 355-14.00C.

Motomura, Minoru; Shibata, Kiyoshi; Watanabe, Toshio; and Ohata, Yousuke, 4,521,102, Cl. 355-14.0CU.

Nakatani, Kaname; Miyakawa, Nobuhiro; Higashiguchi, Teruaki; and Edo, Tomomi, 4,524,118, Cl. 430-56.000.

Nakatani, Kaname; Hanna, Junichi; and Kokado, Hiroshi, 4,536,461, Cl. 430-58.000.

Nishihama, Hitoshi; Gotoda, Katsuhiko; Motomura, Minoru; Nakajima, Tadanobu; and Aizawa, Tatsuo, 4,533,618, Cl. 430-126.000.

Osaka, Haruya; Maekawa, Takashi; and Nakajima, Yoshihiro, 4,538,897, Cl. 355-3.0DD.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, 4,519,702, Cl. 355-51.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, 4,551,009, Cl. 355-15.000.

Tsudaka, Hideaki, 4,501,485, Cl. 355-6.000.

Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.

Tsutsui, Eiji; Yoshioka, Masahiro; Murakami, Masahiro; and Iwao, Noriyuki, 4,516,849, Cl. 355-15.000.

Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.

Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.

Mita, Itaru; Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, to Santen Pharmaceutical Co., Ltd. Aletheine derivatives. 4,552,765, 11-12-85, Cl. 514-513.000.

Mita, Junichi: *See—*

Ishii, Masami; Arai, Fuminao; Hattori, Noriaki; and Mita, Junichi, 4,553,015, Cl. 219-121.0ED.

Mita, Kikuo; Oyama, Masayuki; Yoshida, Takashi; Nakashima, Masato; Fujihara, Katsumi; and Nakakuki, Tadao, to Fujitsu Limited. Pattern inspection system. 4,547,895, 10-15-85, Cl. 382-8.000.

Mita, Kikuo: *See—*

Ando, Moritoshi; Mita, Kikuo; and Kakinoki, Yoshikazu, 4,560,273, Cl. 356-237.000.

Mita Kogyo Kabushiki Kaisha: *See—*

Irie, Yoichiro; Shigemura, Yutaka; and Namba, Satoshi, 4,540,279, Cl. 355-69.000.

Mita, Michio; and Takayama, Jun, to Sony Corporation. Time code generator. 4,503,470, 3-5-85, Cl. 360-33.100.

Mita, Seiichi: *See—*

Kougami, Akihiko; Mita, Seiichi; Kirino, Toru; and Nagahara, Shusaku, 4,521,816, Cl. 360-45.000.

Mita, Teruyoshi: *See—*

Takeyama, Akira; Tazaki, Kenshi; Nojima, Satoshi; Aritaka, Norihiro; and Mita, Teruyoshi, 4,542,496, Cl. 370-16.000.

Mita, Tetsuo; Nakanishi, Hirotazu; Takase, Junji; Isayama, Katsuhiko; and Tani, Nobutaka, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Curable composition comprising polyether having silyl group. 4,507,469, 3-26-85, Cl. 528-425.000.

Mita, Tsunemasa, to Fuji Xerox Co., Ltd. Thermal printing head. 4,559,542, 12-17-85, Cl. 346-76.0PH.

Mitachi, Senshu: *See—*

Ozaki, Yoshiharu; Kaneko, Kimiyoshi; and Mitachi, Senshu, 4,507,245, Cl. 260-429.200.

Mitadera, Takashi: *See—*

Tamba, Shinichi; and Mitadera, Takashi, 4,549,520, Cl. 123-572.000.

Mitamura, Gen, to Seiko Instruments & Electronics Ltd. Waterproof watchcase with multi-layered resin-coated glass. 4,509,866, 4-9-85, Cl. 368-296.000.

Mitamura, Hideyuki: *See—*

Saitoh, Minoru; Arimatsu, Yoshikazu; Tani, Katsuya; and Mitamura, Hideyuki, 4,499,221, Cl. 524-109.000.

Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, 4,562,239, Cl. 528-65.000.

Mitamura, Masayoshi: *See—*

Yamaguchi, Keiki; Ogawa, Tadashi; Mitamura, Masayoshi; and Shimizu, Tooru, 4,532,644, Cl. 378-16.000.

Mitamura, Sachio; and Kuroume, Hirotsugu, to Hitachi, Ltd. Apparatus for working on turbine blade mounting grooves. 4,537,538, 8-27-85, Cl. 409-217.000.

Mitamura, Shuichi: *See—*

Tsuchihashi, Gen-Ichi; Mitamura, Shuichi; and Kitajima, Koji, 4,539,420, Cl. 560-056.000.

Tsuchihashi, Genichi; Mitamura, Shuichi; Kitajima, Koji; and Kobayashi, Kumi, 4,496,755, Cl. 560-028.000.

Mitani, Hisashi: *See—*

Hishikawa, Yasuo; Mitani, Hisashi; and Ando, Masanao, 4,526,483, Cl. 384-106.000.

Mitani, Katsuaki: *See—*

Matsuda, Shunsuke; Mitani, Katsuaki; Yoda, Hironori; and Nishizawa, Kesaji, 4,519,763, Cl. 425-192.00R.

Mitani, Kazuhisa: *See—*

Minami, Kenji; Kawata, Yoshimasa; Ushio, Tetsuji; Tani, Hoshiro; and Mitani, Kazuhisa, 4,502,924, Cl. 204-16.000.

Mitani, Kazuya: *See—*

Itho, Yasuo; Kato, Hideo; Ogawa, Nobuo; Yamagishi, Kagari; Koshinaka, Eiichi; and Mitani, Kazuya, 4,525,356, Cl. 514-234.000.

Mitani, Masao: *See—*

Kawahito, Tsuneyoshi; Abe, Katsuo; Kamei, Tsuneaki; Fujimoto, Kazuyuki; Mitani, Masao; and Hiratsuka, Shigetoshi, 4,517,444, Cl. 219-216.000.

Mitani, Mitsuaki: *See—*

Kojima, Takemasa; Tabata, Kengo; Yanaki, Toshio; and Mitani, Mitsuaki, 4,505,757, Cl. 127-36.000.

Mitani, Nobuhiro; and Furusawa, Toshihiro, to Sanyo Electric Co., Ltd. CCD imager. 4,547,807, 10-15-85, Cl. 358-213.000.

Mitani, Ryo; Moriya, Yoshiaki; and Kobayashi, Atsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Data transfer control device. 4,538,145, 8-27-85, Cl. 340-805.000.

Mitani, Ryo: *See—*

Kobayashi, Atsushi; Moriya, Yoshiaki; and Mitani, Ryo, 4,529,890, Cl. 307-270.000.

Mitani, Shinji: *See—*

Akamine, Kazuhiko; Ebara, Katsuya; Ito, Kazuyuki; and Mitani, Shinji, 4,505,824, Cl. 210-695.000.

Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, 4,533,514, Cl. 376-308.000.

Mitani, Tadayuki; and Endo, Mamoru, to Daicel Chemical Industries, Ltd. Process for preparation of glyoxylic acid. 4,503,246, 3-5-85, Cl. 562-531.000.

Mitani, Tokiyoshi, to Oki Electric Industry Co., Ltd. Speech control circuit. 4,542,263, 9-17-85, Cl. 179-81.00B.

Mitani, Toragoro; Yasui, Hideo; and Morikawa, Hisashi, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process for polymerization of acrylate or methacrylate. 4,517,344, 5-14-85, Cl. 526-62.000.

Mitani, Tsuneyoshi: *See—*

Asai, Mamoru; Mitani, Tsuneyoshi; and Ookawa, Hiroyuki, 4,514,856, Cl. 377-8.000.

Sasaoka, Takashi; and Mitani, Tsuneyoshi, 4,532,421, Cl. 250-223.00R.

Mitani, Yoshio, to Murata Kikai Kabushiki Kaisha. Slide fork positioning apparatus. 4,526,502, 7-2-85, Cl. 414-282.000.

Mitarai, Keiji: *See—*

Kumoi, Sadakatsu; Mitarai, Keiji; and Tsutsumi, Yukihiro, 4,492,803, Cl. 564-486.000.

Mitarai, Tsuyoshi, to Casio Computer Co., Ltd. Electronic musical instrument. 4,534,257, 8-13-85, Cl. 84-1.030.

Mitch, David S.; Abrams, Lloyd W.; Arnold, Jerry L.; Caudill, Forrester; Compton, Thomas A.; and Boston, Steven L., to Armco Inc. Process for controlling zinc vapor in a finishing process for a hot dip zinc based coating on a ferrous base metal strip. 4,557,952, 12-10-85, Cl. 427-432.000.

Mitch, John H., to Tektronix, Inc. Joystick apparatus. 4,520,355, 5-28-85, Cl. 340-709.000.

Mitcham, John P.; and Karr, Michael A., Jr., to Gray Tool Company. Rotary stepper actuator. 4,534,235, 8-13-85, Cl. 74-128.000.

Mitchell, Albert W., to Emerson Electric Co. Apparatus for cutting vegetation. 4,493,151, 1-15-85, Cl. 30-276.000.

Mitchell, Albert W.; and Miller, Richard W., to Wet Wraps, Inc. Evaporative non-dripping sweat band. 4,521,922, 6-11-85, Cl. 2-171.000.

Mitchell, Alexander M.: *See—*

Jablway, Ali N.; and Mitchell, Alexander M., 4,524,321, Cl. 324-66.000.

Jablway, Ali N.; and Mitchell, Alexander M., 4,536,703, Cl. 324-52.000.

Mitchell, Andrew: *See—*

Sullivan, Dale W.; Janssen, Kermit W.; and Mitchell, Andrew, 4,550,778, Cl. 166-234.000.

Mitchell, Barclay; and Moore, Kenneth, to Payen International Limited. Gaskets. 4,499,135, 2-12-85, Cl. 428-137.000.

Mitchell, Brian: *See—*

Riches, Arthur J.; and Mitchell, Brian, 4,550,967, Cl. 339-88.00R.

Mitchell, Bruce R.; and Vogel, Roger F., to Gulf Research & Development Company. Vanadium passivation in a hydrocarbon catalytic cracking process. 4,520,120, 5-28-85, Cl. 502-68.000.

Mitchell, Charles S.: *See—*

Dimmick, W. Scott; Mitchell, Charles S.; and Moon, William G., 4,538,193, Cl. 360-137.000.

Kyser, Edmond L.; Mitchell, Charles S.; and Sears, Stephan B., 4,506,276, Cl. 346-140.00R.

Mitchell, Crighton M., to Canada, Her Majesty the Queen in right of, as represented by the Minister of Energy and Natural Resources. Stress measurement by X-ray diffractometry. 4,561,062, 12-24-85, Cl. 364-555.000.

Mitchell, Curtis W.; and Berg, Howard M., to Motorola, Inc. LED having self-aligned lens. 4,501,637, 2-26-85, Cl. 156-630.000.

Mitchell, Daniel M., to Rockwell International Corporation. Bootstrapped AC-DC power converter. 4,502,104, 2-26-85, Cl. 363-26.000.

Mitchell, Debra J. Formed and washable diaper. 4,516,975, 5-14-85, Cl. 604-385.00A.

Mitchell, Don E.: *See—*

Kersch, Dennis R.; and Mitchell, Don E., 4,506,108, Cl. 174-52.0FP.

Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., to Mitco Water Laboratories Inc. Removal of bitter naringin and limonin from citrus juices containing the same. 4,514,427, 4-30-85, Cl. 426-271.000.

Mitchell, Donald H.: *See—*

Dechow, Fred J.; Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,522,836, Cl. 426-271.000.

Mitchell, Donald J.: *See—*

Crawford, Dennis L.; and Mitchell, Donald J., 4,506,576, Cl. 83-455.000.

Mitchell, Donald R.: *See—*

Turner, George S.; and Mitchell, Donald R., 4,505,449, Cl. 248-669.000.

Mitchell, Gordon L.; and Tressler, John H., III, to Honeywell Inc. Optical imaging device and method. 4,497,544, 2-5-85, Cl. 350-353.000.

Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, to Figgie International Inc. Shock attenuation system. 4,534,068, 8-13-85, Cl. 2-414.000.

Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, to Figgie International Inc. Shock attenuation system. 4,558,470, 12-17-85, Cl. 2-414.000.

Mitchell, Hardin D., Jr.; and Yunan, Malak E., to Du Pont de Nemours, E. I., and Company. Assembly for initiating explosives with low-energy detonating cord. 4,495,867, 1-29-85, Cl. 102-275.400.

Mitchell, Howard L., III, to Exxon Research & Engineering Co. Phosphine and phosphonium compounds and catalysts. 4,522,932, 6-11-85, Cl. 502-153.000.

Mitchell, Howard L., III; and Sawyer, Willard H., to Exxon Research & Engineering Co. Catalysts from molybdenum polysulfide precursors, their preparation and use. 4,542,121, 9-17-85, Cl. 502-220.000.

Mitchell, Howard L., III: *See—*

Sawyer, Willard H.; and Mitchell, Howard L., III, 4,540,481, Cl. 208-215.000.

Mitchell, James E.: *See—*

Coffman, Randall R.; and Mitchell, James E., 4,509,275, Cl. 34-126.000.

Mitchell, Jerry L.; and Oberly, Jesse A., to Pakor, Inc. Package for storing perishable products in a reduced air atmosphere. 4,548,824, 10-22-85, Cl. 426-111.000.

Mitchell, Jerry L., to Pakor, Inc. Method and apparatus for packaging perishable products in a reduced air atmosphere. 4,548,852, 10-22-85, Cl. 426-111.000.

Mitchell, Joan L.; and Pennebaker, William B., to International Business Machines Corporation. Image processing method for graphics images. 4,558,370, 12-10-85, Cl. 358-260.000.

Mitchell, John D.; and Michel, Stephen, to Eastman Kodak Company. Electrophotographic method for producing black and color separation images. 4,493,881, 1-15-85, Cl. 430-42.000.

Mitchell, John D., to Garrett Corporation, The. Pressure regulator system. 4,506,690, 3-26-85, Cl. 137-1.000.

Mitchell, John W.: *See—*

Southwick, Theron E.; and Mitchell, John W., 4,561,268, Cl. 68-210.000.

Mitchell, Michael J.: *See—*

Reeder, Frank; Nunn, Michael J.; Mitchell, Michael J.; and Baxter, Kenneth F., 4,501,615, Cl. 106-14.390.

Mitchell, Peter W. D., to Union Camp Corporation. Separation of 1,8-cineole by forming a complex with hydroquinone. 4,521,608, 6-4-85, Cl. 549-397.000.

Mitchell, Peter W. D., to Union Camp Corporation. Method of preparing alkali metal salts of organic diamines. 4,521,627, 6-4-85, Cl. 564-511.000.

Mitchell, Phillip G. Stirring device for sand mill. 4,499,445, 2-12-85, Cl. 366-316.000.

Mitchell, Ralph C., Jr., to International Business Machines Corporation. PLA with time division multiplex feature for improved density. 4,495,590, 1-22-85, Cl. 364-716.000.

Mitchell, Randall M.; and Armstrong, John T., Jr., to Caterpillar Tractor Co. Hydrostatic vehicle control. 4,523,892, 6-18-85, Cl. 417-34.000.

Mitchell, Randall M., to Caterpillar Tractor Co. Hydrostatic vehicle control. 4,534,707, 8-13-85, Cl. 417-34.000.

Mitchell, Richard T. Oil well drilling apparatus. 4,553,591, 11-19-85, Cl. 166-76.000.

Mitchell, Robert R., to United States of America, Army. Dual field-of-view optical target detector. 4,532,867, 8-6-85, Cl. 102-213.000.

Mitchell, Rodger. Tape measure having two tapes. 4,506,446, 3-26-85, Cl. 33-139.000.

Mitchell, Roger E.: *See—*

Arbisi, Dominic; and Mitchell, Roger E., 4,535,279, Cl. 318-696.000.

Mitchell, Ronald W. Harness. 4,543,772, 10-1-85, Cl. 54-2.000.

Mitchell, Stanley W.: *See—*

Jack, James M.; and Mitchell, Stanley W., 4,509,701, Cl. 241-292.000.

Mitchell, Stephen W., to National Research Development Corporation. Valve timing mechanisms of internal combustion engines. 4,505,235, 3-19-85, Cl. 123-90.170.

Mitchell, Stewart D.; and Wheeler, Steven A., to Texaco Limited. Offshore well head protector and method of installation. 4,519,727, 5-28-85, Cl. 405-204.000.

Mitchell, Stewart D.: *See—*

Knowles, John P.; Wheeler, Steven A.; and Mitchell, Stewart D., 4,519,726, Cl. 405-195.000.

Mitchell, Terence N.: *See—*

Davis, Royston H.; Schroeder, Mark E.; and Mitchell, Terence N., 4,504,489, Cl. 514-493.000.

Mitchell, Terry L.; and Hodge, David H., to Dunbar Furniture, Inc. Pop-up electrical receptacle unit. 4,511,198, 4-16-85, Cl. 339-34.000.

Mitchell, Terry L., to Jer Manufacturing, Inc. Folding truss. 4,538,393, 9-3-85, Cl. 52-641.000.

Mitchell, Terry L., to Quest Product Development, Ltd. Storage unit module. 4,558,797, 12-17-85, Cl. 220-84.000.

Mitchell, Thomas. Tool for torsion bar removal. 4,544,134, 10-1-85, Cl. 254-93.00R.

Mitchell, Thomas A.: *See—*

Dombroski, John R.; Hawkins, J. Maynard; Pollock, Mark A.; Leonard, Alan P.; and Mitchell, Thomas A., 4,547,329, Cl. 264-118.000.

Mitchell, Thomas L.; McMahill, Patrick D.; Valbert, Gary G.; and Wellauer, John C., to Caterpillar Tractor Co. Method and apparatus for repeatably aligning adjacent member. 4,518,276, 5-21-85, Cl. 403-13.000.

Mitchell, Thomas O.: *See—*

Audeh, Costandi A.; and Mitchell, Thomas O., 4,518,480, Cl. 208-11.0LE.

- Mitchell, William A.; Thompson, J. Brent; and Freese, John L., to Ex-Cell-O Corporation. High speed spindle with preloaded bearings. 4,519,734, 5-28-85, Cl. 409-231.000.
- Mitchell, William J., Jr.: *See—*
  - Martinez, Miguel R.; and Mitchell, William J., Jr., 4,548,066, Cl. 73-1.00J.
- Mitch's Self Service Gas, Inc.: *See—*
  - Hayes, Terry S., 4,513,617, Cl. 73-313.000.
- Mitco Water Laboratories Inc.: *See—*
  - Dechow, Fred J.; Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron, and Brown, Sand T., 4,522,836, Cl. 426-271.000.
  - Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,514,427, Cl. 426-271.000.
- Mite Corporation: *See—*
  - Ryan, William P.; Mason, Richard A.; Maida, Vincent A.; and Donovan, Timothy F., 4,495,380, Cl. 174-138.00D.
- MITEC Moderne Industrietechnik GmbH: *See—*
  - Chaborski, Hoiko; and Mehnert, Walter, 4,521,107, Cl. 356-5.000.
- Mitel Corporation: *See—*
  - Beirne, Patrick R., 4,540,854, Cl. 179-18.0FA.
  - Groves, Christopher K.; Duncan, Kevin; and Darwall, Edward C. D., 4,523,975, Cl. 156-643.000.
  - Kotlarewsky, Paul, 4,562,398, Cl. 320-31.000.
  - Lewis, Conrad, 4,510,597, Cl. 370-66.000.
  - Milc, Thomas A., 4,521,063, Cl. 339-17.0LM.
  - Milne, Robin I.; and Kirkland, Lester, 4,544,808, Cl. 179-99.0LS.
  - Styrna, Zbigniew B., 4,527,014, Cl. 179-81.00B.
- Miter, Inc.: *See—*
  - Driskell, Thomas D., 4,547,157, Cl. 433-173.000.
- Mitkov, Atanas L.; Georgiev, Ivan N.; Radulov, Peter T.; Hung, Le K.; and Atanassov, Atanas K., to V T U "Angel Kanchev". Corn sheller. 4,532,940, 8-6-85, Cl. 130-6.000.
- Mitlyng, Arthur V., Jr.: *See—*
  - Sandt, David K.; Mitlyng, Arthur V., Jr.; Ilaug, Harold W.; and Quenemoen, Robert D., 4,531,538, Cl. 137-334.000.
- Mito, Ikuo, to NEC Corporation. Process for epitaxial growth on a corrugated wafer. 4,561,915, 12-31-85, Cl. 148-171.000.
- Mito, Ikuo: *See—*
  - Kitamura, Mitsuhiro; Mito, Ikuo; and Kobayashi, Kohroh, 4,525,841, Cl. 372-48.000.
- Mito, Masazi: *See—*
  - Iwahashi, Hiroshi; Asano, Masamichi; Yoskikawa, Kuniyoshi; and Mito, Masazi, 4,495,693, Cl. 29-571.000.
- Mito Teck Co., Ltd.: *See—*
  - Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,509,090, Cl. 361-119.000.
  - Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,544,984, Cl. 361-119.000.
- Mitomi, Seiji, to Nifco Inc. Part-fixing clip. 4,506,419, 3-26-85, Cl. 24-297.000.
- Mitomi, Takeshi; Yoshimura, Eiji; and Komagata, Hideki, to Toyo Boseki Kabushiki Kaisha. Material for protecting human bodies from harmful or poisonous chemical substance. 4,500,581, 2-19-85, Cl. 428-85.000.
- Mitono, Yoshiharu: *See—*
  - Tanizawa, Tetsu; Omichi, Hitoshi; and Mitono, Yoshiharu, 4,499,484, Cl. 357-68.000.
  - Tanizawa, Tetsu; Omichi, Hitoshi; and Mitono, Yoshiharu, 4,523,106, Cl. 307-303.000.
- Mitra, Gautam, to Miles Laboratories, Inc. Covalently attached complex of alpha-1-proteinase inhibitor with a water soluble polymer. 4,496,689, 1-29-85, Cl. 525-54.100.
- Mitra, Gautam; and Ng, Paul K., to Miles Laboratories, Inc. Process for producing a high purity antihemophilic factor concentrate. 4,543,210, 9-24-85, Cl. 260-112.00B.
- Mitre Corporation, The: *See—*
  - Large, Scott F.; and Metcalf, Bruce D., 4,522,462, Cl. 350-96.190.
- Mitrofanov, Nicholas M.; and Berner, Victor G., to Harshaw/Filtrol Partnership. Ethylene quenched multi-cathode Geiger-Mueller tube with sleeve-and-screen cathode. 4,501,988, 2-26-85, Cl. 313-93.000.
- Mitrofanov, Viktor A.: *See—*
  - Braginsky, Yakov I.; Gultsev, Igor V.; Mitrofanov, Viktor A.; Nikitushkin, Nikolai A.; and Yaroshenko, Yury F., 4,517,707, Cl. 17-71.000.
- Mitrowsky, Alexander; Wissner, Adolf; and Hauser, Werner, to Bayer Aktiengesellschaft. Process for separating technically pure 2,4-diisocyanatotoluene or isomer mixtures having an increased content of 2,4-diisocyanatotoluene from isomer mixtures of 2,4- and 2,6-diisocyanatotoluene. 4,499,023, 2-12-85, Cl. 260-453.0SP.
- Mitschang, William. Linear motion roller bearing. 4,541,674, 9-17-85, Cl. 308-6.00C.
- Mitschke, Helmut, to International Standard Electric Corporation. Device for flicker-free reproduction of television pictures and text and graphics pages. 4,518,984, 5-21-85, Cl. 358-11.000.
- Mitshubishi Monsanto Chemical Co., Ltd.: *See—*
  - Ikuma, Sadao; Aoki, Yuji; and Watanabe, Noboru, 4,525,536, Cl. 525-194.000.
- Mitsubishi Aluminum Kabushiki Kaisha: *See—*
  - Toma, Ken; Iida, Masanao; and Takeuchi, Yo, 4,511,632, Cl. 428-654.000.
- Mitsubishi Chemical Industries Limited: *See—*
  - Ashida, Kaneyoshi; Ohtani, Masaaki; and Ohkubo, Shoichi, 4,514,525, Cl. 521-112.000.
  - Goko, Nobuaki; and Uehara, Yumito, 4,534,953, Cl. 423-492.000.
  - Hasegawa, Takashi; Tsuchihashi, Koji; and Yamashita, Hiroshi, 4,492,771, Cl. 502-420.000.
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  - Hashizume, Hiroshi; and Izumisawa, Yoshiaki, 4,562,285, Cl. 562-414.000.
  - Hayashi, Masahiro; Nozawa, Seiichi; and Oikawa, Takashi, 4,520,208, Cl. 549-308.000.
  - Hiroki, Ohta; Masatsugu, Oda; and Jun, Kato, 4,560,682, Cl. 514-100.000.
  - Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.
  - Ide, Hiroshi, 4,537,855, Cl. 430-285.000.
  - Iida, Seiu; Inokuchi, Tomio; and Munakata, Hiroaki, 4,518,591, Cl. 424-195.100.
  - Imaki, Naoshi; and Nakanome, Takemi, 4,499,306, Cl. 568-348.000.
  - Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, 4,495,083, Cl. 252-299.100.
  - Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,507,221, Cl. 252-299.100.
  - Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,528,113, Cl. 252-299.100.
  - Itagaki, Takaharu; Ouchi, Hidenaga; and Shimura, Akihiro, 4,495,250, Cl. 428-520.000.
  - Itagaki, Takaharu; Ito, Tsuyoshi; Ando, Kiyoto; and Teshima, Hiromi, 4,543,365, Cl. 521-53.000.
  - Iwata, Yoshitaka; and Matsuda, Ken, 4,560,623, Cl. 428-626.000.
  - Jikihara, Tetsuo; Oda, Masatsugu; Natsume, Bunji; Watanabe, Hisao; and Suzuki, Seiichi, 4,536,209, Cl. 71-96.000.
  - Kakogawa, Genjiro; Hasuo, Masayoshi; Suga, Yoshinori; and Kojima, Kazuhisa, 4,507,450, Cl. 526-128.000.
  - Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
  - Kawaguchi, Yoshikazu; Maruyama, Seiichro; and Kawasaki, Hiroyuki, 4,514,357, Cl. 264-328.160.
  - Kikumoto, Ryoji; Tobe, Akihiro; Tonomura, Shinji; and Ikoma, Hidenobu, 4,562,211, Cl. 514-648.000.
  - Kohyama, Katsuhisa; Matsuno, Akira; and Tsuruhara, Kenji, 4,546,172, Cl. 528-491.000.
  - Kuriyama, Shizuo; and Saitoh, Mikio, 4,507,322, Cl. 514-648.000.
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  - Niwa, Toshio; Hihara, Toshio; and Shimizu, Yukiharu, 4,500,455, Cl. 534-635.000.
  - Niwa, Toshio; and Hihara, Toshio, 4,500,710, Cl. 544-113.000.
  - Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, 4,505,715, Cl. 8-639.000.
  - Niwa, Toshio; Himeno, Kiyoshi; and Hihara, Toshio, 4,507,476, Cl. 544-187.000.
  - Niwa, Toshio; and Hihara, Toshio, 4,515,716, Cl. 534-635.000.
  - Numa, Shosaku; and Yanaihara, Noboru, 4,518,527, Cl. 260-112.50R.
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  - Ohmura, Yasuhiro; Maruyama, Seiichiro; and Shigemoto, Shigeru, 4,525,529, Cl. 525-64.000.
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  - Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, 4,508,841, Cl. 502-73.000.
  - Otake, Masayuki; Murayama, Masayoshi; and Kawaragi, Yuji, 4,520,127, Cl. 502-209.000.
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  - Tanaka, Toru; Iwatani, Kazutoshi; Enokido, Nobuo; Murakami, Atsushi; and Yamaguchi, Yukio, 4,525,554, Cl. 526-124.000.
  - Tano, Kazuo; Sato, Keiichi; and Okoshi, Toru, 4,528,403, Cl. 568-454.000.
  - Tozawa, Takashi; Endo, Masahiro; and Eiraku, Yukio, 4,541,859, Cl. 71-88.000.
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- Mitsubishi Corporation: *See—*
  - Kudo, Shiro; and Hayashi, Mitsuyoshi, 4,511,588, Cl. 426-302.000.
- Mitsubishi Denki Kabushiki Kaisha: *See—*
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  - Akamatsu, Masahiko, 4,506,319, Cl. 363-138.000.
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  - Anami, Kenji; Yoshimoto, Masahiko; Shinohara, Hirofumi; and Tomisawa, Osamu, 4,542,486, Cl. 365-230.000.
  - Anzai, Nobuo; and Ikejima, Hiroyuki, 4,516,664, Cl. 187-29.00R.
  - Aramaki, Jun; and Shinkai, Masaru, 4,559,433, Cl. 219-69.00W.
  - Araya, Shinji; and Tsuji, Shintaro, 4,524,418, Cl. 364-436.000.

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Morishita, Mitsuharu; and Kouge, Shinichi, 4,513,239, Cl. 322-99.000.

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Morishita, Mitsuharu; and Kouge, Shinichi, 4,542,462, Cl. 364-424.000.

Morishita, Mitsuharu; and Kouge, Shinichi, 4,543,521, Cl. 320-64.000.

Morishita, Mitsuharu; and Kouge, Shinichi, 4,549,128, Cl. 322-99.000.

Morishita, Mitsuharu; and Kouge, Shinichi, 4,561,036, Cl. 361-20.000.

Murakami, Katsuo; Yamazaki, Hitoshi; Tanaka, Norihiko; and Ito, Hiroshi, 4,559,470, Cl. 313-487.000.

Murakami, Tokumichi, 4,558,350, Cl. 358-21.00R.

Murakami, Tokumichi; and Asai, Kohtaro, 4,560,977, Cl. 340-347.0AD.

Murata, Shirou; Yoshiyasu, Hajime; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,002, Cl. 200-144.00C.

Nagatomo, Hideaki; Kawahira, Hiroto; Nishizawa, Toshizo; and Yasuda, Mitsuo, 4,494,383, Cl. 62-196.200.

Nagatomo, Hideaki; Yasuda, Mitsuo; and Kubo, Seiji, 4,497,240, Cl. 98-2.010.

Nakagawa, Tsutomu, 4,559,551, Cl. 357-38.000.

Nakahori, Ichiro; Nakayama, Shigeki; Maeda, Mitsuo; Yamauchi, Shiro; and Ozawa, Junichiro, 4,517,849, Cl. 73-863.310.

Nakamura, Takashi, 4,557,115, Cl. 62-156.000.

Nakamura, Toshiyuki; Inaba, Tsutomu; and Kimura, Tadashi, 4,496,293, Cl. 417-371.000.

Nakao, Kazushige; Ikeuchi, Masaki; Ozaki, Eiichi; and Yumikura, Tsuneo, 4,545,217, Cl. 62-476.000.

Nakayama, Taesuke; and Konishi, Tadashi, 4,538,079, Cl. 310-74.000.

Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, 4,561,096, Cl. 372-46.000.

Nawa, Akiyoshi; and Shimizu, Takao, 4,493,971, Cl. 219-137.520.

Nawa, Akiyoshi; Kato, Yoshiaki; and Shimizu, Takao, 4,531,040, Cl. 219-74.000.

Nawa, Akiyoshi; and Kato, Yoshiaki, 4,536,634, Cl. 219-74.000.

Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,537,051, Cl. 72-12.000.

Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,557,126, Cl. 72-16.000.

Niino, Shuheu; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,520,642, Cl. 72-8.000.

Nishi, Kazuro; Kurahashi, Koichiro; Hashimoto, Tsutomu; Senoo, Toshihiko; and Yamato, Shinji, 4,540,247, Cl. 350-3.710.

Nishida, Minoru, 4,520,781, Cl. 123-414.000.

Nishida, Mitsuhiro; Yamamoto, Sakuei; Sonoda, Nobuo; Okahashi, Kazuo; and Takagi, Shoji, 4,546,130, Cl. 523-459.000.

Nishigaki, Haruo; Watanabe, Koji; Fukui, Shiroh; and Kanematsu, Kiyoshi, 4,556,511, Cl. 252-573.000.

Nishikawa, Akira; Saito, Toru; and Otsuka, Kenichi, 4,502,132, Cl. 361-332.000.

Nishimura, Hirofumi, 4,530,333, Cl. 123-489.000.

Nishimura, Shinji, 4,557,678, Cl. 418-180.000.

Nishimura, Tadashi, 4,514,895, Cl. 29-571.000.

Nishimura, Tadashi, 4,523,962, Cl. 148-1.500.

Nishimura, Tsugio, 4,558,273, Cl. 324-54.000.

Nishitani, Kazuo, 4,553,152, Cl. 357-24.000.

Nishitani, Yoshihisa; Nakano, Masateru; and Yamamoto, Yoshihito, 4,562,493, Cl. 360-74.100.

Nishiwaki, Muneo, 4,491,197, Cl. 187-29.00R.

Noda, Masahiro; and Misu, Tatsuo, 4,491,198, Cl. 187-29.00R.

Noda, Masahiro; and Ando, Hiroshi, 4,537,287, Cl. 187-29.00R.

Noda, Sadafumi, 4,545,212, Cl. 62-129.000.

Noguchi, Teruo; and Ohkura, Isao, 4,562,453, Cl. 357-44.000.

Nomura, Masami, 4,503,938, Cl. 187-29.00R.

Nomura, Masami, 4,527,663, Cl. 187-29.00R.

Nomura, Masami, 4,545,464, Cl. 187-29.00R.

Nomura, Masami, 4,548,299, Cl. 187-29.00R.

Nozaki, Tadashi, 4,493,626, Cl. 418-260.000.

Nozaki, Tadashi, 4,494,918, Cl. 418-260.000.

Ogawa, Hitoshi, 4,491,094, Cl. 123-41.490.

Ogawa, Hitoshi, 4,496,297, Cl. 418-133.000.

Ogawa, Hitoshi, 4,514,155, Cl. 418-149.000.

Ogawa, Hitoshi, 4,517,466, Cl. 290-36.00R.

Ogawa, Hitoshi, 4,521,169, Cl. 418-69.000.

Ogawa, Hitoshi, 4,527,968, Cl. 418-173.000.

Ogawa, Hitoshi, 4,558,999, Cl. 418-173.000.

Ohishi, Kenji; and Hashimoto, Yasuhiko, 4,538,425, Cl. 62-280.000.

Ohnishi, Masaru; and Saito, Masayuki, 4,492,965, Cl. 346-1.100.

Ohno, Nobuo, 4,506,153, Cl. 250-227.000.

Ohta, Kazutoshi, 4,515,248, Cl. 187-67.000.

Okado, Hiroyuki; Kakizoe, Masahiro; Otsuka, Shigeharu; and Sako, Yuji, 4,506,243, Cl. 335-132.000.

Okado, Hiroyuki; Masuda, Shigeru; and Mori, Teijiro, 4,521,655, Cl. 200-147.00R.

Okuda, Hiroshi, 4,558,683, Cl. 123-599.000.

Okumoto, Shigeki, 4,534,750, Cl. 474-261.000.

Okumura, Mitsuhiro; Naya, Eizo; and Demizu, Michinosuke, 4,517,033, Cl. 148-432.000.

Okumura, Mitsuhiro; Naya, Eizo; Yorita, Mitsumasa; and Takeya, Yasushi, 4,540,861, Cl. 200-144.00B.

Onizuka, Masahiro, 4,536,633, Cl. 219-69.00D.

Ono, Hideyo, 4,506,381, Cl. 381-94.000.

Ooga, Hirotomo; and Sakurai, Hiromi, 4,499,657, Cl. 29-578.000.

Oohashi, Yutaka, 4,516,558, Cl. 123-634.000.

Oohashi, Yutaka, 4,516,559, Cl. 123-634.000.

Ookawa, Kiyoshi, 4,559,916, Cl. 123-418.000.

Ootsuka, Kenichi; and Miyake, Yoshikazu, 4,535,253, Cl. 307-9.000.

Sadamori, Masaaki, 4,559,697, Cl. 29-590.000.

Sagara, Kikuo; and Kojima, Masanori, 4,532,555, Cl. 358-310.000.

Saita, Toshikazu; Hino, Toshiyuki; and Matsumura, Masami, 4,561,412, Cl. 123-617.000.

Saito, Kazuo, 4,491,808, Cl. 333-28.00R.

Sakamoto, Toshiyuki; and Wataya, Seiji, 4,512,314, Cl. 123-459.000.

Sakamoto, Yoshiyuki; and Wataya, Seiji, 4,561,396, Cl. 123-198.00E.

Sakuragi, Toshio; Nakayama, Kazuo; Sato, Masaaki; and Koike, Mitsuhiro, 4,554,835, Cl. 73-640.000.

Sasaki, Toshihiko, 4,559,840, Cl. 74-89.210.

Sasao, Isao, 4,509,013, Cl. 324-161.000.

Sasao, Isao, 4,520,905, Cl. 187-29.00R.

Sato, Mineo; Kawaguchi, Tadaaki; Okawachi, Yukinori; and Funahashi, Yasuyuki, 4,507,940, Cl. 62-407.000.

Sato, Shinichi, 4,524,508, Cl. 29-571.000.

Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, 4,526,010, Cl. 62-126.000.

Sawatani, Kenji, 4,496,863, Cl. 310-61.000.

Segawa, Hirohisa; Kitani, Motoe; Shimizu, Takao; and Mizuno, Masanori, 4,560,857, Cl. 219-130.210.

Seki, Kimiaki; and Matsumoto, Akio, 4,518,333, Cl. 418-152.000.

Seki, Kimiaki, 4,560,326, Cl. 417-480.000.

Shibasaki, Kazunori; and Sawatani, Kenji, 4,542,995, Cl. 384-224.000.

Shima, Ichiji; Teshima, Hiroshi; Koizumi, Takayuki; and Usami, Teruo, 4,493,042, Cl. 364-507.000.

Shima, Ichiji; Yoshibayashi, Shigeru; and Taniguti, Ryosuke, 4,524,355, Cl. 340-870.130.

Shimizu, Osamu; Goto, Hirofumi; and Matsukawa, Fumio, 4,556,876, Cl. 340-713.000.

Shimoda, Michio; and Watanabe, Fumio, 4,551,805, Cl. 364-469.000.

Shimomura, Setsuhiro; and Kishimoto, Yuuji, 4,492,211, Cl. 123-585.000.

Shimotori, Kazuhiro; and Ozaki, Hideyuki, 4,551,741, Cl. 357-23.600.

Shinkai, Daisuke; Komoto, Haruo; and Hamada, Shigeharu, 4,497,695, Cl. 204-28.000.

Shinohara, Hirofumi; Tomisawa, Osamu; Anami, Kenji; and Yoshimoto, Masahiko, 4,521,704, Cl. 307-530.000.
Shinryo, Yuko; and Yamamoto, Takashi, 4,536,952, Cl. 29-596.000.
Shirai, Mitsuru; Fukuda, Nobuo; Yamamoto, Akira; and Tsuji, Hiroshi, 4,549,603, Cl. 165-104.330.
Shiraishi, Akiyoshi, 4,515,417, Cl. 384-445.000.
Shiratani, Yuji, 4,525,867, Cl. 455-194.000.
Sugihara, Masahiro; Morishita, Etsuo; Hirai, Tetsuo; and Sekiya, Shin, 4,533,292, Cl. 415-2.00R.
Sugimoto, Akinori; and Sugimoto, Hiroshi, 4,509,374, Cl. 73-862.170.
Sugimoto, Hiroshi, 4,495,801, Cl. 73-117.000.
Sugimoto, Hiroshi; and Fukada, Koichi, 4,550,604, Cl. 73-587.000.
Sujaku, Jiro, 4,491,914, Cl. 364-200.000.
Suzuki, Hiroyoshi; and Washino, Shoichi, 4,547,147, Cl. 431-265.000.
Suzuki, Katsuhiko; and Naganuma, Seihachi, 4,501,115, Cl. 57-220.000.
Suzuki, Mamoru; and Tanaka, Hiromoto, 4,538,994, Cl. 434-219.000.
Suzuki, Mamoru; and Tanaka, Hiromoto, 4,545,767, Cl. 434-224.000.
Tabata, Norikazu; Nakayama, Shigeki; Namba, Keisuke; and Yamauchi, Shiro, 4,552,659, Cl. 210-177.000.
Tajima, Shinobu; Umeda, Yasukazu; and Kamohara, Toshiyuki, 4,509,143, Cl. 364-900.000.
Takabe, Katsunori, 4,503,941, Cl. 187-29.00R.
Takahashi, Masaru, 4,502,097, Cl. 361-342.000.
Takami, Akira, 4,535,737, Cl. 123-420.000.
Takase, Akio; Ogawa, Kohji; Tsutsumi, Takao; Yasuda, Yoshinori; and Taguchi, Hiroaki, 4,542,906, Cl. 273-185.00R.
Takawashi, Tamio; Sakakibara, Toshimitsu; and Yamada, Shigeo, 4,554,428, Cl. 219-69.00G.
Takeda, Masatoshi, 4,540,895, Cl. 307-252.00Q.
Takenobu, Shinya, 4,506,191, Cl. 315-14.000.
Takeshita, Hiroshi, 4,493,209, Cl. 73-118.000.
Takeshita, Shigeki, 4,559,494, Cl. 324-103.00R.
Tanahashi, Toru, 4,519,479, Cl. 187-29.00R.
Tanaka, Hideharu; Sekiya, Mutsuo; and Uchikawa, Fusaoki, 4,523,662, Cl. 181-249.000.
Tanaka, Toshinori; and Morishita, Akira, 4,507,978, Cl. 74-7.00E.
Tanaka, Toshinori, 4,525,632, Cl. 290-38.00R.
Tanaka, Toshinori, 4,538,085, Cl. 310-239.000.
Tanaka, Toshinori, 4,559,455, Cl. 290-38.00R.
Taniguti, Ryosuke, 4,542,468, Cl. 364-481.000.
Taniguti, Ryosuke, 4,551,811, Cl. 364-481.000.
Taniguti, Ryosuki, 4,556,946, Cl. 364-481.000.
Tatsumi, Takumi, 4,501,175, Cl. 74-869.000.
Tatsumi, Takumi, 4,520,680, Cl. 73-862.190.
Tatsumi, Takumi, 4,524,645, Cl. 74-866.000.
Terauchi, Tsuneo; and Masuda, Yoshikazu, 4,557,662, Cl. 414-744.00R.
Toba, Yasuo, 4,492,944, Cl. 336-69.000.
Tobita, Youichi, 4,513,399, Cl. 365-189.000.
Tokumitsu, Kiyonori, 4,558,246, Cl. 310-87.000.
Tomiyama, Tadao, 4,513,213, Cl. 310-156.000.
Torimoto, Koichi, 4,557,108, Cl. 60-286.000.
Tsubouchi, Natsuro; and Denda, Masahiko, 4,496,964, Cl. 357-30.000.
Tsuji, Shintaro, 4,499,975, Cl. 187-29.00R.
Tsuji, Shintaro, 4,505,360, Cl. 187-29.00R.
Tsuji, Shintaro, 4,523,665, Cl. 187-29.00R.
Tsuruta, Keiji; and Tsutsumi, Nagayuki, 4,500,935, Cl. 361-333.000.
Uchida, Ryohei; and Fujii, Toshifumi, 4,495,525, Cl. 360-10.300.
Ueda, Fumio; Tsuboi, Yoshiaki; Arai, Hirotsugu; Horikiri, Kenji; and Ideno, Hiroaki, 4,518,959, Cl. 340-784.000.
Uekubo, Yasuhiro, 4,517,619, Cl. 361-64.000.
Uetani, Kenichi; and Umeda, Yasukazu, 4,531,616, Cl. 187-29.00R.
Uetani, Kenichi, 4,542,463, Cl. 364-424.000.
Uetani, Kenichi, 4,553,639, Cl. 187-29.00R.
Ukai, Jun; Segawa, Hirohisa; and Ando, Haruki, 4,504,728, Cl. 219-125.100.
Ukai, Jun; and Shimizu, Takao, 4,507,543, Cl. 219-137.0PS.
Umeda, Yasukazu, 4,555,000, Cl. 187-29.00R.
Umeda, Yasukazu; and Uetani, Kenichi, 4,562,530, Cl. 364-148.000.
Usui, Masaji, 4,502,013, Cl. 328-26.000.
Usui, Masaji, 4,513,344, Cl. 361-113.000.
Usui, Masaji, 4,530,025, Cl. 361-87.000.
Wada, Shunichi, 4,497,203, Cl. 73-204.000.
Wakamiya, Yoshinori, 4,501,552, Cl. 432-49.000.
Watanabe, Eiki, 4,503,940, Cl. 187-29.00R.
Watanabe, Eiki, 4,506,766, Cl. 187-29.00R.
Watanabe, Eiki, 4,516,665, Cl. 187-29.00R.
Watanabe, Eiki, 4,520,906, Cl. 187-29.00R.
Yabunaka, Kiyoshi, 4,558,668, Cl. 123-195.00A.
Yagi, Shigenori; Ogawa, Shuji; Kuzumoto, Masaki; and Tabata, Norikazu, 4,507,537, Cl. 219-121.0LA.
Yagi, Shigenori; Kuzumoto, Masaki; Tanaka, Masaaki; and Ogawa, Shuji, 4,510,606, Cl. 372-25.000.
Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.
Yamamoto, Katsuyoshi; Mizukami, Haruo; and Nambu, Hajime, 4,520,505, Cl. 382-55.000.
Yamamoto, Sakuei; Nishida, Mitsuhiro; Tashiro, Noboru; and Sonoda, Nobuo, 4,496,866, Cl. 310-87.000.
Yamamoto, Sakuei; Inao, Hiroshi; Nishida, Mitsuhiro; Matsushita, Matao; and Komoda, Hidemi, 4,532,446, Cl. 310-87.000.
Yamamoto, Sakuei; Nishida, Mitsuhiro; Inao, Hiroshi; Tashiro, Noboru; and Hani, Kiyoshi, 4,549,105, Cl. 310-87.000.
Yamamoto, Sakuei; and Tokumitsu, Kiyonori, 4,558,247, Cl. 310-87.000.
Yamanaka, Kimio, 4,550,278, Cl. 318-632.000.
Yamanaka, Kimio, 4,555,756, Cl. 364-130.000.
Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.
Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.
Yamauchi, Shiro, 4,547,316, Cl. 252-571.000.
Yamazaki, Hiroyoshi; Minagawa, Yoshiji; Tsuchihashi, Michihiro; Anzai, Yoshinori; and Kajiwara, Toshiro, 4,544,862, Cl. 315-209.00R.
Yasuoka, Hirotoshi, 4,540,869, Cl. 219-124.340.
Yasuoka, Hirotoshi, 4,546,233, Cl. 219-125.100.
Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,510,425, Cl. 318-484.000.
Yokota, Mitsuyoshi, 4,518,316, Cl. 417-12.000.
Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,524,311, Cl. 318-481.000.
Yoshii, Toshio; and Furukawa, Shigeyoshi, 4,520,246, Cl. 200-144.00B.
Yoshimoto, Masahiko; Yoshihara, Tsutomu; Anami, Kenji; and Shinohara, Hirofumi, 4,554,646, Cl. 365-189.000.
Yoshino, Hozo, 4,507,936, Cl. 62-235.100.
Yoshino, Souichi; Kusanagi, Tadashi; and Mori, Masakazu, 4,546,409, Cl. 361-387.000.
Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,003, Cl. 200-144.00C.
Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,521,653, Cl. 200-144.00C.
Yoshiyuki, Iwaki; Akio, Matsumoto; and Mitsuyoshi, Yokota, 4,560,916, Cl. 322-86.000.
Yoshizawa, Kenji; Kodama, Hitoshi; Minowa, Yoshibumi; Komura, Hirotsugu; and Ito, Hiroshi, 4,498,029, Cl. 315-39.000.
Yoshizumi, Toshiaki, 4,500,762, Cl. 200-144.0AP.
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Asakawa, Kazuo, 4,507,403, Cl. 518-713.000.
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Gaku, Morio; Kimbara, Hidenori; and Yokoi, Jun, 4,554,346, Cl. 528-363.000.
Ikeguchi, Nobuyuki; and Kimbara, Hidenori, 4,499,245, Cl. 525-417.000.
Ikeguchi, Nobuyuki; Osaki, Yasunari; and Furuya, Yoshiyuki, 4,552,690, Cl. 252-512.000.
Isogai, Nobuo; Okawa, Takashi; Hosokawa, Motoyuki; Wakui, Nastuko; and Watanabe, Toshiyasu, 4,552,986, Cl. 568-902.000.
Isshiki, Tomiya; Nawata, Takanari; Kijima, Yasuhiko; Ito, Akira; and Watanabe, Takayuki, 4,517,377, Cl. 560-261.000.
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Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, 4,556,519, Cl. 260-549.000.
Kida, Koichi; Aoyama, Tetsuo; and Uchiyama, Takako, 4,521,638, Cl. 585-640.000.
Kida, Koichi; Kawai, Yoshio; Tamura, Yutaka; and Suzuki, Yoshiharu, 4,536,605, Cl. 585-640.000.
Kuriyama, Yasuhisa; Kajiwara, Syoichiro; and Ozaki, Fumikazu, 4,561,982, Cl. 210-698.000.
Miyamoto, Akira; Sato, Katsuo; Ichikawa, Tetsushi; and Kurokawa, Masahiro, 4,541,958, Cl. 260-404.500.
Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.
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Nakamura, Hiromi; Takahashi, Takehiko; Narazaki, Norio; Yamamoto, Kazuo; and Sayama, Norio, 4,537,023, Cl. 60-39.050.
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Osugi, Minoru; Nakamura, Tadasi; and Ebata, Shuji, 4,547,482, Cl. 502-208.000.
Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, 4,506,053, Cl. 524-405.000.
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Takahashi, Hideyuki; Komatsu, Toshio; and Inoue, Yoshiaki, 4,524,015, Cl. 252-188.280.

  - Tanaka, Toru; Hataya, Masanori; Tanaka, Kazuo; Sakai, Yukio; and Hamada, Yasufumi, 4,500,730, Cl. 562-416.000.
  - Yoshinaka, Shigeo; Toki, Tsukasa; Tsuji, Tomoji; and Uchiyama, Seiji, 4,507,510, Cl. 568-811.000.
- Mitsubishi Heavy Industries, Ltd.: *See—*
  - Murakami, Shinjiro; Hashimoto, Osamu; Morimoto, Kazuo; and Hyodo, Kaneaki, 4,495,009, Cl. 148-128.000.
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  - Danno, Yoshiaki; and Murakami, Nobuaki, 4,494,503, Cl. 123-198.00F.
  - Danno, Yoshiaki; and Nakagami, Tatsuro, 4,506,338, Cl. 364-551.000.
  - Danno, Yoshiaki; Kobayashi, Hiroyuki; and Fukui, Toyoaki, 4,520,272, Cl. 290-40.00A.
  - Endo, Norio; Danno, Yoshiaki; Nakagami, Tatsuro; and Murakami, Nobuaki, 4,494,502, Cl. 123-198.00F.
  - Hiramatsu, Takeo, 4,506,563, Cl. 74-867.000.
  - Hiramatsu, Takeo, 4,513,639, Cl. 74-866.000.
  - Hiramatsu, Takeo, 4,534,244, Cl. 74-869.000.
  - Hiramatsu, Takeo, 4,538,482, Cl. 74-869.000.
  - Kayanoki, Katsuhiko; Teramachi, Kazuo; Ono, Seigo; and Hashimoto, Yasuyuki, 4,560,054, Cl. 192-106.200.
  - Kijima, Nobuo; and Hasegawa, Yukio, 4,559,895, Cl. 116-200.000.
  - Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000.
  - Kobayashi, Kazuyoshi; and Takizawa, Shozo, 4,534,580, Cl. 280-712.000.
  - Kumagai, Naotake; Tatemoto, Minoru; Itoh: Yoji; and Inuzuka, Tokushige, 4,516,545, Cl. 123-192.00R.
  - Kumagai, Naotake; Saga, Ikuo; Tatemoto, Minoru; and Tada, Tetsuya, 4,556,877, Cl. 340-713.000.
  - Murakami, Nobuaki; and Oomori, Shogo, 4,534,334, Cl. 123-571.000.
  - Shimizu, Osamu; Goto, Hirofumi; and Matsukawa, Fumio, 4,556,876, Cl. 340-713.000.
  - Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,519,273, Cl. 74-752.00A.
  - Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,558,612, Cl. 74-844.000.
  - Tani, Masanori; Eto, Shin'ichi; and Funakoshi, Takeshi, 4,560,210, Cl. 303-22.00R.
- Mitsubishi Jukogyo Kabushiki Kaisha: *See—*
  - Ando, Takashi, 4,502,002, Cl. 323-237.000.
  - Fujiwara, Haruyoshi, 4,504,360, Cl. 162-343.000.
  - Fukumoto, Ryutaro; Oyagi, Shuji; Yoshida, Yukio; and Akimoto, Ryosaku, 4,540,040, Cl. 165-12.000.
  - Hatano, Hirofumi; and Hirota, Yoji, 4,519,822, Cl. 55-459.00R.
  - Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.
  - Hayase, Masao; and Araki, Yozo, 4,525,978, Cl. 53-167.000.
  - Hayashi, Masayuki; and Suzuki, Masatoshi, 4,527,377, Cl. 53-167.000.
  - Hirano, Takahisa, 4,544,333, Cl. 417-299.000.
  - Honda, Mitsuyasu; Hino, Masao; and Seto, Toru, 4,544,525, Cl. 422-171.000.
  - Ide, Eizo; and Fujimura, Hiroshi, 4,525,619, Cl. 219-124.220.
  - Irie, Nobuhiko, 4,548,781, Cl. 264-315.000.
  - Ishitani, Kenichiro; Unseki, Takashi; Amihoshi, Saburo; and Kawamura, Eiichi, 4,534,569, Cl. 277-27.000.
  - Izumo, Masatoshi, 4,514,119, Cl. 409-60.000.
  - Kamimura, Yoshihiko; Okamoto, Toshiro; Takahashi, Naoyuki; Makihara, Hiroshi; and Oshima, Michio, 4,520,224, Cl. 585-648.000.
  - Kamisaka, Makoto; Okamoto, Toshiro; Ohshima, Michio; and Tamai, Mamoru, 4,527,002, Cl. 585-648.000.
  - Kiyoto, Shinichiro; and Fujiwara, Chikara, 4,534,196, Cl. 72-61.000.
  - Najima, Tetsuo; Tetsuta, Setsuya; Sawata, Yukitaka; and Yamagishi, Masahiro, 4,508,620, Cl. 209-500.000.
  - Okamoto, Toshiro; and Ohshima, Michio, 4,527,003, Cl. 585-648.000.
  - Shinoda, Naoharu; Tatani, Atsushi; Ukawa, Naohiko; and Okino, Susumu, 4,533,531, Cl. 423-242.000.
  - Shinoda, Naoharu; Tatani, Atsushi; Inoue, Kenji; and Okino, Susumu, 4,539,190, Cl. 423-240.000.
  - Tateishi, Mataji; Kunimoto, Etsuo; and Takaishi, Tatsuo, 4,526,151, Cl. 123-468.000.
  - Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, 4,559,687, Cl. 29-157.00C.
  - Watabe, Shin, 4,509,586, Cl. 165-29.000.
  - Watabe, Shin, 4,516,407, Cl. 62-238.600.
  - Watabe, Shin; and Shibata, Hideto, 4,534,410, Cl. 165-126.000.
  - Yamaguchi, Nobuyuki; and Sugano, Hiroshi, 4,540,335, Cl. 415-129.000.
  - Yamashita, Riichiro; and Satonishi, Osamu, 4,493,103, Cl. 382-1.000.
  - Yanagi, Kenichi; Taguchi, Toshio; Wada, Tetsuyoshi; Furukawa, Heisaburo; and Wake, Kanji, 4,552,092, Cl. 118-718.000.
- Mitsubishi Kasei Kogyo Kabushiki Kaisha: *See—*
  - Ikeya, Nobushige, 4,505,657, Cl. 425-72.00R.
  - Nohso, Hidenori, 4,518,264, Cl. 366-208.000.
- Mitsubishi Keikinzoku Kogyo Kabushiki Kaisha: *See—*
  - Tanaka, Hiroshi; and Iwata, Yoshitaka, 4,508,425, Cl. 350-641.000.
- Mitsubishi Kinzoku Kabushiki Kaisha: *See—*
  - Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagassawa, Toshio, 4,518,353, Cl. 432-205.000.
  - Hosoda, Naoyuki; Uchiyama, Naoki; and Kawanaka, Ryusuke, 4,512,950, Cl. 420-563.000.
  - Kawakita, Shizuo; Shibazaki, Takeyoshi; and Mochida, Hiromi, 4,514,223, Cl. 75-77.000.
  - Kimura, Etsuji; Ogi, Katsumi; and Sato, Kazusuke, 4,508,322, Cl. 266-149.000.
  - Kimura, Etsuji; Ogi, Katsumi; Sato, Kazusuke; and Hashimoto, Mayuki, 4,512,557, Cl. 266-171.000.
  - Morikawa, Masaki; Yoshida, Hideaki; and Kishida, Kunio, 4,525,434, Cl. 428-674.000.
  - Nishigaki, Kenichi, 4,514,224, Cl. 75-238.000.
  - Shimomura, Hiroshi; and Arai, Tatsuo, 4,511,293, Cl. 407-41.000.
  - Shimomura, Hiroshi; and Arai, Tatsuo, 4,529,339, Cl. 407-36.000.
  - Sugisawa, Taijiro; and Tanase, Teruyoshi, 4,539,251, Cl. 428-216.000.
  - Tanaka, Shoichi; Tanaka, Yoshiharu; and Takano, Eiji, 4,501,691, Cl. 252-631.000.
  - Tanase, Teruyoshi; Nishigaki, Kenichi; and Ajima, Tatsuro, 4,547,470, Cl. 501-87.000.
- Mitsubishi Light Metal Industries Limited: *See—*
  - Kunihiko, Ichikawa; and Kiyoshi, Mishima, 4,521,265, Cl. 156-229.000.
- Mitsubishi Mining: *See—*
  - Kashima, Masao; and Tomuro, Noboru, 4,522,927, Cl. 501-139.000.
- Mitsubishi Mining and Cement Co., Ltd.: *See—*
  - Hatano, Hirofumi; and Hirota, Yoji, 4,519,822, Cl. 55-459.00R.
  - Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.
  - Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.
  - Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.
  - Uetsuhara, Tokio, 4,541,563, Cl. 239-64.000.
- Mitsubishi Monsanto Chemical Co., Ltd.: *See—*
  - Kajita, Masaki; Nakaya, Tomio; Hasegawa, Shinichi; and Fujita, Hisanori, 4,510,515, Cl. 357-17.000.
- Mitsubishi Nuclear Fuel Co., Ltd.: *See—*
  - Hasegawa, Shin-ich; Takano, Eiji; and Sekine, Masao, 4,505,882, Cl. 423-261.000.
- Mitsubishi Oil Company, Limited: *See—*
  - Ihara, Hiroyuki; Takahashi, Kazuo; Matsubara, Michiro; Kumata, Fumio; and Sanami, Yoshitomo, 4,495,089, Cl. 252-364.000.
  - Takahashi, Yoshio; and Shoji, Takeshi, 4,514,544, Cl. 525-327.400.
- Mitsubishi Paper Mills, Ltd.: *See—*
  - Amano, Masahiro; Seino, Shunji; Nishiyama, Ryota; and Nozaki, Masaoki, 4,519,873, Cl. 162-138.000.
  - Hiraishi, Shigetoshi; Morishita, Sadao; and Matsushita, Toshihiko, 4,501,809, Cl. 430-138.000.
  - Itoh, Akira; and Takemura, Akira, 4,497,894, Cl. 430-522.000.
  - Kohmura, Isao; Miura, Jun; and Kajima, Norio, 4,562,140, Cl. 430-244.000.
  - Koike, Naomasa; and Hiraishi, Shigetoshi, 4,507,671, Cl. 346-216.000.
  - Kosaka, Takao; and Tsukahara, Hirokazu, 4,550,328, Cl. 346-201.000.
  - Matsushita, Toshihiko; and Morishita, Sadao, 4,520,378, Cl. 346-209.000.
  - Matsushita, Toshihiko; Morishita, Sadao; and Makishima, Hideo, 4,525,428, Cl. 428-488.100.
  - Morishita, Sadao; and Matsushita, Toshihiko, 4,520,376, Cl. 346-204.000.
  - Okumura, Fumio; and Kawai, Akira, 4,533,599, Cl. 428-402.210.
  - Saikawa, Masahiko; Kanada, Eiji; Tanaka, Akira; and Endo, Kazunaka, 4,501,811, Cl. 430-204.000.
  - Senga, Takao; Suzuki, Shigeyoshi; Yamada, Jun; and Kuriu, Sadao, 4,502,677, Cl. 271-104.000.
  - Senga, Takao; Yamada, Jun; and Suzuki, Shigeyoshi, 4,520,088, Cl. 430-49.000.
  - Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, 4,521,101, Cl. 355-10.000.
  - Tazuki, Shoji; and Toyama, Koji, 4,520,089, Cl. 430-49.000.
  - Tsubai, Yasuo; Takaya, Yoshikazu; and Kanada, Eiji, 4,510,228, Cl. 430-204.000.
  - Yamada, Motoshige; and Ebato, Seigo, 4,548,898, Cl. 430-510.000.
- Mitsubishi Petrochemical Co., Ltd.: *See—*
  - Ayusawa, Tadashi; Aoki, Tadamichi; and Hamana, Ryozo, 4,544,749, Cl. 546-184.000.
  - Deguchi, Jichio; and Inoue, Takayuki, 4,558,094, Cl. 525-71.000.
  - Kihara, Kunio; Toda, Hideo; Mori, Motokuni; and Morooka, Koji, 4,557,930, Cl. 424-79.000.
  - Kimura, Takao; and Nagaoka, Yoshinobu, 4,552,708, Cl. 264-53.000.
  - Sarumaru, Kohei; Iwakura, Tomoatsu; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, 4,551,571, Cl. 585-440.000.
  - Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, 4,532,308, Cl. 525-482.000.

- Shibatani, Haruo; Takahashi, Kunimasa; and Kameda, Takashi, 4,528,087, Cl. 208-22.000.
- Takahashi, Hiroshi; and Goto, Teruhisa, 4,503,194, Cl. 525-329.500.
- Tayama, Toshiyuki; and Tanaka, Ryohei, 4,530,952, Cl. 524-159.000.
- Yazaki, Takao; and Noro, Masataka, 4,493,867, Cl. 428-161.000.
- Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, 4,500,597, Cl. 428-317.700.
- Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,504,617, Cl. 524-426.000.
- Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,552,689, Cl. 252-511.000.

Mitsubishi Petrochemicals Co., Ltd.: *See—*

- Matsuura, Mitsuyuki; Kageyama, Yoshiteru; Hagiwara, Akito; and Shimada, Takeo, 4,530,983, Cl. 526-125.000.
- Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, 4,520,230, Cl. 174-107.000.

Mitsubishi Plastics Industries Limited: *See—*

- Aritake, Toshiyuki, 4,513,028, Cl. 427-173.000.
- Hashimoto, Tadashi, 4,515,269, Cl. 206-334.000.
- Ohtsu, Yoichi; Kanno, Kohei; and Nagano, Hiroshi, 4,550,007, Cl. 264-521.000.

Mitsubishi Rayon Co., Ltd.: *See—*

- Adachi, Kiyoshi; Uehara, Masaru; Kitagawa, Hiroshi; Kojima, Hirotaka; and Sato, Masaaki, 4,514,965, Cl. 53-553.000.
- Furuno, Akihisa; Inukai, Kenichi; and Ogawa, Yasuo, 4,514,551, Cl. 526-233.000.
- Handa, Ryoji; Hosoda, Jun; and Yoshida, Norimasa, 4,535,131, Cl. 525-369.000.
- Inoue, Masao; Suzuki, Shingo; and Gotoh, Hajime, 4,525,029, Cl. 350-128.000.
- Inoue, Masao; Suzuki, Shingo; and Saito, Syozo, 4,548,469, Cl. 350-128.000.
- Inoue, Masao; and Suzuki, Shingo, 4,550,977, Cl. 350-128.000.
- Kamada, Kazumasa; Tamai, Katsumi; Shimomura, Yasunori; and Abe, Kazunori, 4,509,163, Cl. 369-284.000.
- Kamada, Kazumasa; Osaka, Norihisa; and Kaneda, Masahiro, 4,520,166, Cl. 525-85.000.
- Kamada, Kazumasa; Tamai, Katsumi; Abe, Kazunori; and Shiraishi, Yoshinobu, 4,525,537, Cl. 525-198.000.
- Kamata, Kazumasa; Nakai, Yoshio; and Shimomura, Yasunori, 4,558,098, Cl. 525-207.000.
- Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, 4,504,608, Cl. 523-444.000.
- Kishida, Kazuo; Hasegawa, Akira; and Sugimori, Masahiro, 4,508,875, Cl. 525-308.000.
- Kishida, Kazuo; Sasaki, Isao; Mukai, Nobuhiro; and Asai, Hajime, 4,510,024, Cl. 204-59.00R.
- Kishida, Kazuo; Yamamoto, Naoki; Nishida, Kozi; Narita, Toshihito; and Sato, Yasumasa, 4,513,111, Cl. 524-458.000.
- Kishida, Kazuo; Sasaki, Isao; Kushi, Kenji; and Sugimori, Masahiro, 4,518,472, Cl. 204-159.150.
- Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,526,929, Cl. 525-80.000.
- Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,528,330, Cl. 525-85.000.
- Kishida, Kazuo; Sasaki, Isao; and Mukai, Nobuhiro, 4,546,145, Cl. 524-780.000.
- Kishida, Kazuo; Sasaki, Isao; Mori, Hiroshi; and Ii, Yasuaki, 4,550,130, Cl. 523-436.000.
- Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, 4,556,692, Cl. 525-78.000.
- Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, 4,558,099, Cl. 525-301.000.
- Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, 4,562,216, Cl. 523-433.000.
- Kishimura, Masaaki; and Arakawa, Nobuyuki, 4,510,279, Cl. 524-144.000.
- Matsumura, Hiroshi; Otani, Masato; and Murakami, Fumiki, 4,533,750, Cl. 562-600.000.
- Nakanishi, Hikaru, 4,501,785, Cl. 428-195.000.
- Nishida, Kozi; and Yamamoto, Takashi, 4,544,235, Cl. 350-96.340.
- Ooe, Akihiko; and Fuse, Masaki, 4,562,593, Cl. 382-6.000.
- Sasaki, Isao; Ii, Yasuaki; and Mori, Hiroshi, 4,507,423, Cl. 524-427.000.
- Shigemitsu, Hideyuki, 4,562,221, Cl. 524-456.000.
- Shindo, Mizuo; Yamamoto, Takashi; Fukunaga, Osamu; and Yamamori, Hisayoshi, 4,530,809, Cl. 264-210.700.
- Sugimori, Teruhiko; and Habara, Hideaki, 4,491,658, Cl. 528-486.000.
- Tayama, Suehiro; and Kusakawa, Norihisa, 4,533,689, Cl. 524-130.000.
- Yamamoto, Takashi; and Sakunaga, Kenichi, 4,547,040, Cl. 350-96.340.
- Yoshida, Tomohiko, 4,530,953, Cl. 524-311.000.
- Yoshida, Tomohiko; and Mori, Hiroshi, 4,548,964, Cl. 523-455.000.

Mitsubishi Steel Mfg. Co., Ltd.: *See—*

- Yoshimura, Tsuneo, 4,524,819, Cl. 164-468.000.

Mitsubishi Yuka Fine Chemicals Co., Ltd.: *See—*

- Higaki, Yoshikazu; and Omori, Hiroyuki, 4,504,423, Cl. 260-465.700.
- Hokamura, Sadakazu; Shinohara, Toshio; Nomura, Ryoichi; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,505,954, Cl. 427-380.000.
- Hokamura, Sadakazu; Shinohara, Toshio; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,508,767, Cl. 427-407.100.
- Hokamura, Sadakazu; Yamada, Seiji; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,514,445, Cl. 427-410.000.
- Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, 4,532,308, Cl. 525-482.000.
- Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, 4,500,597, Cl. 428-317.700.

Mitsubishi Yuka Pharmaceutical Co., Ltd.: *See—*

- Kihara, Kunio; Toda, Hideo; Mori, Motokuni; and Morooka, Koji, 4,557,930, Cl. 424-79.000.

Mitsuboshi Belting Ltd.: *See—*

- Fujiki, Toshiaki; and Kano, Hikaru, 4,535,581, Cl. 52-746.000.
- Mashimo, Satoshi; Tanaka, Masayuki; and Kinoshita, Takashi, 4,498,891, Cl. 474-205.000.
- Mashimo, Satoshi; Tanaka, Masayuki; and Yamaguchi, Yoshio, 4,518,375, Cl. 474-205.000.
- Mashimo, Satoshi; Kakiuchi, Hazime; and Nakajima, Masayoshi, 4,518,376, Cl. 474-261.000.
- Matsumura, Kaname; and Komai, Takahiko, 4,504,256, Cl. 474-250.000.
- Matsuo, Tadao; Matsuoka, Fumio; Yokota, Nobuo; and Yamamoto, Masaaki, 4,518,552, Cl. 264-126.000.
- Shimazaki, Masahiro, 4,540,113, Cl. 228-1.100.
- Takano, Hiroshi, 4,493,681, Cl. 474-265.000.
- Takano, Hiroshi; Yokoyama, Hiroshi; and Mizuno, Takahide, 4,510,113, Cl. 264-257.000.
- Takano, Hiroshi; and Shiinoki, Kunikatsu, 4,555,241, Cl. 474-261.000.
- Tanaka, Hideaki; Fujita, Kunihiro; and Ushiroda, Mitsuhiro, 4,504,258, Cl. 474-263.000.
- Tomiyori, Takashi; Fukuda, Misao; Yamashita, Iwao; Simizu, Nobuo; and Kumano, Takeshi, 4,505,073, Cl. 51-165.00R.

Mitsubushi Petrochemical Co., Ltd.: *See—*

- Iwase, Sumio, 4,560,707, Cl. 521-124.000.

Mitsuchi Corporation: *See—*

- Okada, Hiroshi, 4,509,724, Cl. 254-126.000.

Mitsuda, Kenro, to Mitsubisni Denki Kabushiki Kaisha. Single component cell for phosphoric acid type fuel cell. 4,517,260, 5-14-85, Cl. 429-41.000.

Mitsuda, Satoshi: *See—*

- Umemura, Takeaki; Inoue, Ayumu; and Mitsuda, Satoshi, 4,552,703, Cl. 260-466.000.

Mitsue, Naoki; and Takahashi, Hideki, to Nippon Seiko Kabushiki Kaisha. Seal assembly with radially overlapping seal means. 4,516,783, 5-14-85, Cl. 277-50.000.

Mitsugi, Makinoda: *See—*

- Hamazaki, Haruo; and Mitsugi, Makinoda, 4,553,558, Cl. 134-181.000.

Mitsuhashi, Masakazu: *See—*

- Ohnishi, Haruo; and Mitsuhashi, Masakazu, 4,495,282, Cl. 435-68.000.

Mitsuhashi, Shigeo: *See—*

- Kita, Kouji; Itakura, Kohei; and Mitsuhashi, Shigeo, 4,552,566, Cl. 23-313.00R.

Mitsuhashi, Shigeru; Kumobayashi, Hidenori; and Akutagawa, Susumu, to Takasago Perfumery Co., Ltd. Process for producing myrcenol. 4,520,212, 5-28-85, Cl. 568-875.000.

Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, to Zenyaku Kogyo Kabushiki Kaisha. Extract from barrenwort. 4,501,736, 2-26-85, Cl. 424-195.000.

Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, to Zenyaku Kogyo Kabushiki Kaisha. Polysaccharide PS-A obtained from barrenwort deriving from plants belonging to the genus Epimedium, process for preparation thereof and phylactic and immunostimulating agents comprising said polysaccharide PS-A effective component. 4,528,188, 7-9-85, Cl. 424-116.000.

Mitsuhashi, Yasuo, to Canon Kabushiki Kaisha. Fixing method. 4,499,168, 2-12-85, Cl. 430-99.000.

Mitsuhashi, Yasuo; and Ohsaki, Ichiro, to Canon Kabushiki Kaisha. Method for developing latent images using resin donor member. 4,522,907, 6-11-85, Cl. 430-102.000.

Mitsuhashi, Yasuo: *See—*

- Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.

Mitsuhashi, Yoshinobu; and Shimada, Junichi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Semiconductor laser device. 4,549,300, 10-22-85, Cl. 372-50.000.

Mitsuhashi, Yoshio. Hand-operated stapler-punch combination. 4,491,261, 1-1-85, Cl. 227-76.000.

Mitsui, Akio: *See—*

- Ishikawa, Takatoshi; Mitsui, Ako; Morigaki, Masakazu; and Nakamura, Takashi, 4,491,630, Cl. 430-372.000.

Mitsui Engineering & Shipbuilding Co., Ltd.: *See—*

- Endou, Hajime, 4,555,905, Cl. 60-659.000.
- Hoshino, Yuji; Endou, Hajime; and Suda, Kazuyoshi, 4,558,568, Cl. 60-641.500.
- Kobayashi, Yoshinobu; Ueno, Tamio; and Kanagawa, Kozi, 4,491,967, Cl. 455-41.000.

Kubotera, Hiroshi; Ogawa, Kenji; and Hatakeyama, Kenji, 4,548,537, Cl. 414-276.000.
Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.
Nojiri, Takeo; and Irie, Yasuo, 4,514,146, Cl. 416-200.00R.
Oshima, Masanao; Narita, Hitoshi; Yashima, Nobuyoshi; and Tabuchi, Hiroshi, 4,519,728, Cl. 405-224.000.
Tamura, Kunimitsu; and Hosonuma, Kunihiko, 4,513,155, Cl. 585-13.000.
Tanaka, Yoshiharu, 4,516,403, Cl. 60-667.000.
Yamato, Isao; and Yamada, Tominori, 4,537,564, Cl. 417-313.000.
Yashima, Nobuyoshi, 4,505,618, Cl. 405-211.000.
Mitsui, Hisami: *See—*
Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.
Mitsui, Kenji; and Suzuki, Akira, to Photoron Incorporated. Method of electromagnetically reading coordinate data. 4,554,409, 11-19-85, Cl. 178-19.000.
Mitsui Kensetsu Kabushiki Kaisha: *See—*
Furuta, Toshio; Kawamoto, Nobuhiko; and Honma, Akira, 4,530,621, Cl. 405-150.000.
Takamiya, Shigeo; and Furuta, Toshio, 4,558,906, Cl. 299-31.000.
Mitsui Kinzoku Kogyo Kabushiki Kaisha: *See—*
Yamada, Shinjiro, 4,492,395, Cl. 292-216.000.
Yamada, Shinjiro, 4,518,181, Cl. 292-201.000.
Yamada, Shinjiro, 4,538,845, Cl. 292-216.000.
Mitsui, Kotaro: *See—*
Yukimoto, Yoshinori; and Mitsui, Kotaro, 4,493,941, Cl. 136-255.000.
Mitsui, Michio: *See—*
Saito, Eiiji; Aizawa, Shoji; Mitsui, Michio; Miyata, Tomohiko; and Kuroda, Masayuki, 4,508,266, Cl. 239-3.000.
Mitsui Mining Company Ltd.: *See—*
Hamada, Takeshi; and Komatsubara, Yoshinobu, 4,500,501, Cl. 423-239.000.
Mitsui Mining & Smelting Co., Ltd.: *See—*
Imada, Nobuyuki; and Okada, Toshiteru, 4,551,254, Cl. 210-688.000.
Miyazaki, Kazuhide; Kitamura, Yasuo; and Okada, Toshiteru, 4,548,684, Cl. 204-130.000.
Nishihama, Hideki; and Miyazaki, Kazuhide, 4,560,631, Cl. 429-194.000.
Yamasaki, Syuichi; Yamaguchi, Hiroshi; and Taniguchi, Yousuke, 4,559,200, Cl. 420-492.000.
Mitsui-Nisso Corporation: *See—*
Kamiyama, Masayuki; Saito, Takashi; and Asai, Kiyotsugu, 4,552,944, Cl. 528-55.000.
Mitsui, Osamu; and Fukuoka, Yohei, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for the preparation of cyclic alcohol. 4,528,409, 7-9-85, Cl. 568-835.000.
Mitsui Petrochemical Industries, Ltd.: *See—*
Albizzati, Enrico; Parodi, Sandro; and Barbe, Pier C., 4,522,930, Cl. 502-124.000.
Asanae, Masumi; Noguchi, Koji; Itoi, Hideyuki; and Funakoshi, Katsumi, 4,529,680, Cl. 430-106.600.
Hashimoto, Takashi; and Igarashi, Chikara, 4,532,165, Cl. 428-36.000.
Ichimura, Mitsunori, Yamamoto, Ryoichi; and Horimoto, Katsutoshi, 4,521,378, Cl. 422-135.000.
Kato, Akifumi; Yoshida, Junichi; and Yamamoto, Ryoichi, 4,525,547, Cl. 526-68.000.
Kawamoto, Keiji; Kato, Keigo; and Aida, Takahiro, 4,520,126, Cl. 502-184.000.
Masumoto, Kazuhiro; Fujimura, Mituaki; and Sawazaki, Masauki, 4,517,151, Cl. 264-540.000.
Matsunaga, Fujihisa; Nishimura, Tadahiko; Miyake, Etsuo; and Banba, Kiyotaka, 4,517,387, Cl. 568-728.000.
Miura, Yoshikazu; Horimoto, Koji; and Sumida, Takenori, 4,510,273, Cl. 523-406.000.
Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, 4,513,130, Cl. 526-283.000.
Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, 4,533,700, Cl. 525-285.000.
Motooka, Masanori; Mantoku, Hitoshi; and Ohno, Takao, 4,545,950, Cl. 264-210.600.
Nagano, Riichiro; Kiga, Hiroshi; and Iwata, Tadao, 4,501,827, Cl. 523-214.000.
Nagata, Michiaki; and Nakashima, Koji, 4,507,348, Cl. 428-172.000.
Nakagawa, Mikio, 4,556,690, Cl. 525-64.000.
Oda, Hidekuni; Minami, Syuji; Inoue, Hiroshi; Matsuda, Akira; and Yamamoto, Yohzoh, 4,510,303, Cl. 526-282.000.
Sakashita, Takeshi; Inagaki, Hajime; Todo, Akira; and Nakano, Takayuki, 4,526,920, Cl. 524-850.000.
Sakashita, Takeshi; and Nakano, Takayuki, 4,548,689, Cl. 204-159.230.
Shigemoto, Hiromi, 4,546,150, Cl. 525-240.000.
Toyota, Akinori; and Kashiwa, Norio, 4,547,552, Cl. 525-247.000.
Ueda, Takashi; and Kashiwa, Norio, 4,525,469, Cl. 502-125.000.
Yamanaka, Toru; and Yoshimura, Tadatoshi, 4,547,585, Cl. 560-075.000.
Yamasaki, Kazuyuki; and Kagawa, Fukashi, 4,513,049, Cl. 428-194.000.
Mitsui, Seizo: *See—*
Kobayashi, Hiroshi; Muramatsu, Shinichi; Ichikawa, Yoshiro; and Mitsui, Seizo, 4,553,501, Cl. 118-669.000.
Mitsui Sugar Co., Ltd.: *See—*
Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu, 4,556,429, Cl. 127-30.000.
Mitsui, Tadashi; and Wasaki, Masaru, to TDK Corporation. Inductance element. 4,549,158, 10-22-85, Cl. 336-83.000.
Mitsui, Takao; Sasaya, Hideaki; and Inagaki, Mitsuo, to Nippon Soken, Inc. Scroll-type pump. 4,527,964, 7-9-85, Cl. 418-55.000.
Mitsui, Tetsuro: *See—*
Maru, Hideki; and Mitsui, Tetsuro, 4,544,180, Cl. 280-689.000.
Mitsui Toatsu Chemicals, Inc.: *See—*
Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.
Honda, Tadatoshi; and Hosono, Yoichi, 4,495,362, Cl. 560-20.000.
Iino, Shinji; Maruyama, Kensaku; Takenaga, Motoi; Muramoto, Kazuhiko; and Tsuhako, Mitsutomo, 4,542,001, Cl. 423-311.000.
Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, 4,552,894, Cl. 514-464.000.
Ishikawa, Katsutoshi; Shimotori, Hitoshi; Iida, Noboru; Akihiro, Kazuo; and Ozawa, Shuji, 4,540,698, Cl. 514-270.000.
Kanemura, Yoshinobu; Imai, Masao; and Sasagawa, Katsuyoshi, 4,542,201, Cl. 526-314.000.
Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; and Shirakawa, Isao, 4,539,150, Cl. 260-239.30B.
Katakami, Tsutomu; Fukazawa, Nobuyuki; and Iizuka, Hajime, 4,539,151, Cl. 260-239.30B.
Kawai, Yoichi; Gotoh, Yoshihisa; Yokote, Sachio; Maki, Masami; and Sekiguchi, Katsumi, 4,510,079, Cl. 252-511.000.
Kawashima, Ryoji; Usagawa, Akira; and Masuda, Takayoshi, 4,496,547, Cl. 514-25.000.
Kawashima, Saburo; and Yamaguchi, Akihiro, 4,556,738, Cl. 564-329.000.
Miyatani, Takashi; Nakata, Junji; Seki, Kisuke; and Kageyama, Takafumi, 4,548,617, Cl. 51-293.000.
Nakayama, Shigenobu; Noda, Eiichi; Noguchi, Yoshiaki; Yamamoto, Isamu; and Kawasaki, Noboru, 4,507,500, Cl. 564-340.000.
Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, 4,501,773, Cl. 427-213.000.
Nishizawa, Tsutomu; Tukahara, Ryoichi; Morinaka, Ryoichi; and Hidaka, Tuneo, 4,536,320, Cl. 252-299.100.
Oba, Masayuki; Kawamata, Motoo; Tsuboi, Hikotada; and Koga, Nobuhito, 4,500,719, Cl. 548-522.000.
Okada, Hiroshi; Itagaki, Hideyuki; Kano, Takehiko; and Masuko, Seiichi, 4,526,656, Cl. 202-158.000.
Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,147, Cl. 514-274.000.
Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.
Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,514,112, Cl. 405-269.000.
Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,545,702, Cl. 405-269.000.
Sasagawa, Katsuyoshi; and Imai, Masao, 4,508,655, Cl. 260-429.00R.
Sasagawa, Katsuyoshi; Hyugaji, Akio; and Imai, Masao, 4,522,993, Cl. 526-292.400.
Sasagawa, Katsuyoshi; Noda, Eiichi; and Imai, Masao, 4,529,684, Cl. 430-269.000.
Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.
Takematsu, Tetsuo; Nakaya, Mitihiko; Moriyasu, Koichi; and Komoto, Nobuo, 4,517,381, Cl. 564-207.000.
Tetsuya, Iwao; Reiji, Hirai; and Yoshinori, Ashida, 4,542,005, Cl. 423-347.000.
Toyoda, Yoshiaki; Wakimura, Kazuo; Hase, Tadaharu; and Arashiba, Nobumasa, 4,555,583, Cl. 568-473.000.
Tsuboi, Hikotada; Kawamata, Motoo; Oba, Masayuki; and Koga, Nobuhito, 4,506,042, Cl. 523-454.000.
Tsujimoto, Michihiro; Asano, Makoto; Hasegawa, Kiyoharu; and Akahori, Hiroyuki, 4,561,000, Cl. 346-208.000.
Umemoto, Mitsumasa; Asano, Tamotsu; Nagata, Teruyuki; and Numata, Satoshi, 4,542,243, Cl. 568-636.000.
Yamada, Yasuyuki; Nishizawa, Tsutomu; Mikoda, Tamio; Miyahara, Tooru; and Kikutsugi, Masaharu, 4,552,684, Cl. 252-299.100.
Yamada, Yasuyuki; Tanaka, Tadaaki; Tukahara, Ryoichi; and Nishizawa, Tsutomu, 4,555,355, Cl. 252-299.100.
Yamaguchi, Keizaburo; Sugimoto, Kenichi; Tanabe, Yoshimitsu; Kawashima, Saburo; and Yamaguchi, Akihiro, 4,540,818, Cl. 564-330.000.
Yoshimoto, Takeo; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,497,828, Cl. 514-603.000.
Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.
Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,551,478, Cl. 514-603.000.

- Mitsui Toatsu Kagaku Kabushiki Kaisha: *See—*
  - Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.
  - Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
- Mitsui, Toshihisa: *See—*
  - Kuroki, Hironori; Honda, Tsuguo; and Mitsui, Toshihisa, 4,532,978, Cl. 164-448.000.
- Mitsui, Tsutomu; Tada, Konji; Kuhara, Yoshiki; and Tatsumi, Masami, to Sumitomo Electric Industries, Ltd. Magneto-optical converter utilizing Faraday effect. 4,560,932, 12-24-85, Cl. 324-244.000.
- Mitsui, Tsutomu: *See—*
  - Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, 4,518,068, Cl. 192-0.052.
  - Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, 4,529,072, Cl. 192-0.052.
- Mitsui, Yoshiaki: *See—*
  - Minemura, Norihiro; Kimura, Takeo; and Mitsui, Yoshiaki, 4,497,095, Cl. 26-2.00R.
- Mitsuishi Fukai Tekkosho Ltd.: *See—*
  - Iwasaki, Shigeo; and Haguchi, Hiroshi, 4,534,721, Cl. 425-73.000.
- Mitsuishi, Takatoshi: *See—*
  - Ema, Kenji; Saito, Jun; Mitsuishi, Takatoshi; and Ikado, Shuhei, 4,544,727, Cl. 526-313.000.
- Mitsuishi, Toshiro, to Honda Giken Kogyo Kabushiki Kaisha. V-type multi-cylinder engine for motorcycle. 4,496,020, 1-29-85, Cl. 180-219.000.
- Mitsuishi, Toshiro: *See—*
  - Matsuda, Minoru; and Mitsuishi, Toshiro, 4,534,322, Cl. 123-55.00R.
- Mitsuishi, Yasushi: *See—*
  - Yamanobe, Takashi; Mitsuishi, Yasushi; and Takasaki, Yoshiyuki, 4,562,150, Cl. 435-99.000.
- Mitsuka, Ikuo, to Dainippon Screen Mfg. Co., Ltd. Aperture mask for image scanning and recording system. 4,496,956, 1-29-85, Cl. 346-108.000.
- Mitsukawa, Zendo, to Satake Engineering Co., Ltd. Grain handling system. 4,544,280, 10-1-85, Cl. 366-141.000.
- Mitsuku Denshi Kogyo Kabushiki Kaisha: *See—*
  - Miyata, Muneyoshi, 4,506,122, Cl. 200-61.58R.
- Mitsumori, Masaru, to Asahi Kasei Kogyo Kabushiki Kaisha. Mixed fuels. 4,511,364, 4-16-85, Cl. 44-51.000.
- Mitsuno, Tatsuyuki; and Yamamoto, Masashi, to Sumitomo Chemical Company, Limited. Particulate polyolefin expansion molding material. 4,521,487, 6-4-85, Cl. 428-407.000.
- Mitsuno, Tatsuyuki: *See—*
  - Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.
- Mitsuo, Hirofumi; Watanabe, Shojiro; and Saeki, Keiso, to Fuji Photo Film Co., Ltd. Method of preparing color developer sheets. 4,559,242, 12-17-85, Cl. 427-150.000.
- Mitsuo, Matsumoto: *See—*
  - Yoshiyuki, Sasaki; and Mitsuo, Matsumoto, 4,505,100, Cl. 57-207.000.
- Mitsuru, Sasaki: *See—*
  - Kohsaka, Hideo; Mitsuru, Sasaki; and Ishiguri, Yukio, 4,522,942, Cl. 514-95.000.
- Mitsusada, Kazumichi: *See—*
  - Otsuka, Kanji; Mitsusada, Kazumichi; Sekibata, Masao; and Ohnishi, Shinji, 4,541,003, Cl. 357-74.000.
- Mitsuya Seiko Co. Ltd.: *See—*
  - Yamada, Shinji; and Hanafusa, Saburo, 4,505,987, Cl. 428-553.000.
- Mitsuya, Yasunaga: *See—*
  - Kogure, Kenji; Kakizaki, Takao; Mitsuya, Yasunaga; Oguchi, Shigemitsu; and Otani, Koji, 4,544,972, Cl. 360-105.000.
- Mitsuyama, Akira; and Imanaka, Yoshiaki, to Sharp Kabushiki Kaisha. Toner image transfer system. 4,491,407, 1-1-85, Cl. 355-3.0TR.
- Mitsuyoshi, Yokota: *See—*
  - Yoshiyuki, Iwaki; Akio, Matsumoto; and Mitsuyoshi, Yokota, 4,560,916, Cl. 322-86.000.
- Mitsuyu, Tsuneo; Ono, Shusuke; Inaba, Ritsuo; and Wasa, Kiyotaka, to Matsushita Electric Industrial Co., Ltd. Surface acoustic wave transducer using a split-finger electrode on a multi-layered substrate. 4,501,987, 2-26-85, Cl. 310-313.00A.
- Mitsuzi, Masaru: *See—*
  - Fujii, Yasuhiro; and Mitsuzi, Masaru, 4,529,632, Cl. 427-409.000.
- Mittal, Chander P.: *See—*
  - Ledeen, Howard L.; and Mittal, Chander P., 4,542,814, Cl. 192-0.098.
- Mittal, Faquir C.; and Solis, Charles R., to Sperry Corporation. Apparatus for use in cooling integrated circuit chips. 4,551,787, 11-5-85, Cl. 361-387.000.
- Mittelhauser, Bernhard. Rear view mirror for vehicles with potentiometric angular position detectors. 4,504,117, 3-12-85, Cl. 350-636.000.
- Mittelhauser, Bernhard. External rear view mirror for motor vehicles which folds. 4,514,060, 4-30-85, Cl. 350-632.000.
- Mittelman, Arnold: *See—*
  - Anderson, Garth R.; Manly, Kenneth F.; and Mittelman, Arnold, 4,558,007, Cl. 435-26.000.
- Mittelmann, Gerhard, to Swiss Aluminium Ltd. Container, in particular for transporting freight by air. 4,497,525, 2-5-85, Cl. 312-321.000.
- Mittelmann, Gerhard J.; and Liebherr, Ricardo W., to Schweizerische Aluminium AG (Swiss Aluminium Ltd.). Freight container, in particular for air freight. 4,493,428, 1-15-85, Cl. 220-1.500.
- Mittelmann, Rudolf: *See—*
  - Thinschmidt, Hans; and Mittelmann, Rudolf, 4,561,118, Cl. 455-608.000.
- Mittelmeier, Heinz; Moser, Heinz; and Leu, Beat, to Oscobal AG. Bone substitute and a method of production thereof. 4,516,276, 5-14-85, Cl. 3-1.910.
- Mittelstadt, Robert F.: *See—*
  - Kline, William T.; and Mittelstadt, Robert F., 4,548,859, Cl. 428-251.000.
- Mittelstaedt, Wolfgang: *See—*
  - Finkenzeller, Johann; and Mittelstaedt, Wolfgang, 4,521,899, Cl. 378-40.000.
  - Hassler, Dieter; and Mittelstaedt, Wolfgang, 4,541,436, Cl. 128-660.000.
- Mittelsteadt, Robert A.; and Machesney, Gregory W., to Micro-Quartz Technology Corp. Ceramic blinders for a microwave oven quartz lamp. 4,493,960, 1-15-85, Cl. 219-10.55B.
- Mitter, Mathias. Arrangement for preventing screen deformation. 4,497,249, 2-5-85, Cl. 101-120.000.
- Mitter, Mathias. Apparatus for uniform application of liquid treating media to workpiece webs. 4,497,273, 2-5-85, Cl. 118-50.000.
- Mitter, Mathias. Apparatus for supplying foam to a consumer. 4,498,318, 2-12-85, Cl. 68-200.000.
- Mitter, Mathias. Method of applying foamed dyeliquors to fibrous substrates or the like. 4,512,772, 4-23-85, Cl. 8-477.000.
- Mitterbacher, Paul, to Voest-Alpine Aktiengesellschaft. Vessel. 4,541,990, 9-17-85, Cl. 422-242.000.
- Mittermaier, Manfred: *See—*
  - Mautner, Franz; Schwarzler, Peter; and Mittermaier, Manfred, 4,526,107, Cl. 105-133.000.
- Mittermeier, Walter, to Dr. Ing. h.c.F. Porsche AG. Hydraulic chain tensioner. 4,504,251, 3-12-85, Cl. 474-110.000.
- Mittermeier, Walter, to Dr. Ing. h.c.F. Porsche AG. Hydraulic chain tensioner. 4,507,103, 3-26-85, Cl. 474-110.000.
- Mitterpach, Ivan: *See—*
  - Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.
- Mittleman, Herbert; and Sulek, Stanislaw, to Trimedyne, Inc. Sequential medication delivery device. 4,534,764, 8-13-85, Cl. 604-81.000.
- Mittleman, Herbert, to Trimedyne, Inc. Medication mixing and sequential administration device. 4,538,918, 9-3-85, Cl. 366-160.000.
- Mittmann, Bernd, to Webasto-Werk W. Baier GmbH & Co. Heating device fed with free-flowing fuel. 4,519,772, 5-28-85, Cl. 431-45.000.
- Mitutoyo Mfg. Co., Ltd.: *See—*
  - Ichikawa, Souji, 4,492,033, Cl. 33-125.00C.
  - Kabaya, Yoshihiko, 4,499,374, Cl. 250-237.00G.
  - Kanda, Tikara; and Igarashi, Toru, 4,528,755, Cl. 33-172.00R.
  - Kanda, Yoshiro; Noguchi, Hironori; and Ikeda, Tadashi, 4,516,327, Cl. 33-169.00R.
  - Kuwabara, Yoshiharu; Hamada, Hiroyoshi; and Kuwata, Masayuki, 4,521,112, Cl. 356-375.000.
  - Kuwabara, Yoshiharu; Takayama, Yasuharu; and Hamada, Hiroyoshi, 4,521,113, Cl. 356-387.000.
  - Mizuno, Ichiro; and Sugizaki, Iwao, 4,527,336, Cl. 33-172.00R.
  - Nakadoi, Tetsuya, 4,495,701, Cl. 33-166.000.
  - Nakaoki, Tokuzo, 4,498,241, Cl. 33-172.00R.
  - Nishikata, Goro, 4,550,507, Cl. 33-164.00R.
  - Nishina, Shingo; Takahashi, Seigo; and Ohtani, Shigeru, 4,492,034, Cl. 33-170.000.
  - Nishina, Shingo, 4,505,042, Cl. 33-172.00E.
  - Sakamoto, Hitoshi; Sakagami, Seiji; and Nagashima, Shigeru, 4,500,097, Cl. 277-59.000.
  - Sakata, Hideo; and Saito, Masami, 4,495,703, Cl. 33-174.00L.
  - Sakata, Hideo, 4,496,807, Cl. 200-61.420.
  - Sakata, Hideo; and Nakaoki, Tokuzo, 4,507,895, Cl. 51-98.00R.
  - Sakata, Hideo; and Yoda, Yukiji, 4,551,919, Cl. 33-1.00M.
  - Sakata, Hideo; and Yamashiro, Hiroshi, 4,561,185, Cl. 33-164.00R.
  - Shirai, Tamenori, 4,532,711, Cl. 33-164.00R.
  - Souji, Ichikawa, 4,549,353, Cl. 33-125.00R.
  - Uchino, Kenju, 4,521,967, Cl. 33-169.00R.
  - Uchino, Kenju; and Sakai, Tomoo, 4,553,329, Cl. 33-147.00T.
  - Ueda, Morimasa, 4,557,602, Cl. 356-372.000.
  - Yamamoto, Takeshi; and Sakata, Hideo, 4,536,963, Cl. 33-178.00E.
  - Yamamoto, Takeshi; Sakata, Hideo; and Sugizaki, Iwao, 4,561,190, Cl. 33-561.000.
  - Yamauchi, Mineo; and Karahashi, Yoshimitu, 4,553,330, Cl. 33-164.00R.
- Mitze, Rudolf: *See—*
  - Herzel, Joachim; Simeth, Claus; Mitze, Rudolf; and Ortner, Robert, 4,503,771, Cl. 101-247.000.
- Mitzel, Wilhelm; Geier, Josef; and Leuthold, Karl, to GAO Gesellschaft fur Automation und Organisation mbH. Device for removing a band from a sheet bundle. 4,553,312, 11-19-85, Cl. 29-564.300.
- Mitzner, Erik L., to Westinghouse Electric Corp. Trap for an umbilical plug separated from a missile. 4,522,103, 6-11-85, Cl. 89-1.811.

- Mitzusawa, Nobutoshi: *See—*
  - Koumura, Noboru; Mitzusawa, Nobutoshi; and Ozawa, Kunitaka, 4,528,576, Cl. 346-140.00R.
- Miu, Ming T.: *See—*
  - Staplin, Theodore R., Jr.; Bradley, John J.; King, Richard L.; Miller, Robert C.; Miu, Ming T.; and Shen, Jian-Kuo, 4,495,571, Cl. 364-200.000.
- Miura, Fukushiro. Electric rerailer for a model railway. 4,493,265, 1-15-85, Cl. 104-269.000.
- Miura, Hideo, to Toyo Seikan Kaisha, Ltd. Baking and drying furnace for containers such as cans. 4,492,571, 1-8-85, Cl. 432-225.000.
- Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, to Toyota Jidosha Kabushiki Kaisha. Method for making composite material including matrix metal and metal cored ceramic surfaced fine powder material. 4,508,682, 4-2-85, Cl. 420-590.000.
- Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, to Toyota Jidosha Kabushiki Kaisha. Metal cored ceramic surfaced fine powder material and apparatus and method for making it. 4,526,610, 7-2-85, Cl. 75-0.5BC.
- Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, to Toyota Jidosha Kabushiki Kaisha. Device and method for making and collecting fine metallic powder. 4,533,382, 8-6-85, Cl. 75-0.50C.
- Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, to Toyota Jidosha Kabushiki Kaisha. Device and method for making and collecting fine alloy powder. 4,533,383, 8-6-85, Cl. 75-0.50C.
- Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, to Toyota Jidosha Kabushiki Kaisha. Reinforced material incorporating fine composite powder and method and apparatus for making the same. 4,533,413, 8-6-85, Cl. 148-420.000.
- Miura, Ieaki, to Tokico Ltd. Hydraulic damper. 4,512,447, 4-23-85, Cl. 188-322.150.
- Miura, Isao: *See—*
  - Miura, Takao; and Miura, Isao, 4,496,102, Cl. 239-227.000.
  - Sugano, Shunji; Hagiwara, Koichi; Miura, Isao; and Honto, Akira, 4,543,404, Cl. 528-26.000.
  - Takaoka, Michio; Moutai, Tsuneaki; and Miura, Isao, 4,507,358, Cl. 428-298.000.
- Miura, Ishi: *See—*
  - Sato, Atsushige; Miura, Ishi; Kumei, Yasuhiro; Okuno, Osamu; Nakano, Tsuyoshi; and Yoshida, Bunsaku, 4,528,034, Cl. 75-255.000.
- Miura, Jun: *See—*
  - Kohmura, Isao; Miura, Jun; and Kajima, Norio, 4,562,140, Cl. 430-244.000.
- Miura, Kazuhiko: *See—*
  - Ozaki, Tadashi; Hattori, Tadashi; Miura, Kazuhiko; Hanaoka, Masanori; and Hashiguchi, Yukihide, 4,492,109, Cl. 73-35.000.
- Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, to NGK Spark Plug Co., Ltd. Sintered silicon nitride products and processes for fabrication thereof. 4,511,402, 4-16-85, Cl. 75-233.000.
- Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, to Agency of Industrial Science and Technology. Process for the production of silicon nitride sintered bodies. 4,521,358, 6-4-85, Cl. 264-65.000.
- Miura, Keiichi, to Mitsubishi Denki Kabushiki Kaisha. Automatic plate thickness control device. 4,512,169, 4-23-85, Cl. 72-16.000.
- Miura, Keiji: *See—*
  - Katoh, Hisashi; Shinagawa, Hiroshi; and Miura, Keiji, 4,502,424, Cl. 123-41.860.
  - Otaka, Shoichi; Kondo, Yukio; Kumada, Masayuki; Kawamoto, Hideyo; and Miura, Keiji, 4,517,951, Cl. 123-572.000.
- Miura, Kenzo: *See—*
  - Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.
- Miura, Koryo, to Mitsubishi Denki Kabushiki Kaisha; and Miura, Koryo. Extendible structure. 4,532,742, 8-6-85, Cl. 52-108.000.
- Miura, Kuniaki; Shibata, Akira; Yamada, Jun; and Hazama, Katashi, to Hitachi, Ltd. Signal reproducing circuit for a video tape recorder. 4,510,530, 4-9-85, Cl. 358-314.000.
- Miura, Kuniaki: *See—*
  - Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.
- Miura, Kunihiko; Takano, Shouji; and Kimura, Masashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electrophotographic copying apparatus for effecting a copying operation on the basis of a set copying characteristic. 4,534,642, 8-13-85, Cl. 355-14.00E.
- Miura, Kunio; Hasebe, Koshi; Ono, Takashi; Akutsu, Kazushi; Ohyama, Shinji; and Minami, Kazuaki, to Nippondenso Co., Ltd. Electronic navigator for automotive vehicles. 4,504,913, 3-12-85, Cl. 364-449.000.
- Miura, Kunio; and Ono, Takashi, to Nippondenso Co., Ltd. Navigator for vehicles. 4,511,973, 4-16-85, Cl. 364-449.000.
- Miura, Kunio: *See—*
  - Gomi, Shimpei; Arai, Tomio; Mogi, Fumio; Miura, Kunio; and Otani, Sugio, 4,554,148, Cl. 423-447.100.
  - Hasebe, Koshi; Miura, Kunio; Ono, Takashi; Akutsu, Kazushi; and Minami, Kazuaki, 4,513,377, Cl. 364-449.000.
  - Ito, Yoji; Inoue, Yozo; Hara, Kiyoshi; Muramoto, Kazuo; and Miura, Kunio, 4,514,810, Cl. 364-424.000.
  - Minami, Kazuaki; Totani, Shinzo; Miura, Kunio; Akutsu, Kazushi; and Ohyama, Shinji, 4,502,123, Cl. 364-424.000.
- Miura Machinery Works Co., Ltd.: *See—*
  - Miura, Takao; and Miura, Isao, 4,496,102, Cl. 239-227.000.
- Miura, Masayoshi; and Naito, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Ink jet printing head utilizing pressure and potential gradients. 4,555,717, 11-26-85, Cl. 346-140.00R.
- Miura, Masayoshi: *See—*
  - Kojima, Tamotsu; Miura, Masayoshi; and Oda, Gen, 4,527,175, Cl. 346-140.00R.
- Miura, Mitsuyoshi, to Hirohiko Yasuda. Heat-generating device. 4,540,043, 9-10-85, Cl. 165-104.120.
- Miura, Nobuhiro: *See—*
  - Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, 4,548,126, Cl. 92-213.000.
- Miura, Nobuo; and Ishii, Norihisa, to Honda Giken Kogyo Kabushiki Kaisha. Ignition system for two-cycle engine. 4,491,121, 1-1-85, Cl. 123-631.000.
- Miura, Nobuo; and Ishii, Norihisa, to Honda Giken Kogyo Kabushiki Kaisha. Ignition timing control system for internal combustion engine. 4,516,554, 5-14-85, Cl. 123-418.000.
- Miura, Nobuo: *See—*
  - Sakata, Norihiko; and Miura, Nobuo, 4,550,003, Cl. 264-53.000.
- Miura, Norio: *See—*
  - Kotera, Noboru; Eguchi, Shusaku; and Miura, Norio, 4,512,911, Cl. 252-301.40H.
  - Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,507,563, Cl. 250-486.100.
  - Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,529,647, Cl. 428-323.000.
  - Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,536,436, Cl. 428-212.000.
- Miura, Seishi: *See—*
  - Okubo, Akira; and Miura, Seishi, 4,553,388, Cl. 60-276.000.
- Miura, Shigetaka; Igawa, Junichi; and Takata, Satoru, to Yokogawa Hokushin Electric Corporation. Taut band type instrument suitable for automatical assembly. 4,496,902, 1-29-85, Cl. 324-150.000.
- Miura, Shin'ichi: *See—*
  - Shinya, Ryohei; Miura, Shin'ichi; and Aozuka, Rikio, 4,534,312, Cl. 118-666.000.
- Miura, Shoshin: *See—*
  - Takahara, Kazuhiro; Kurahashi, Keizo; Gondo, Hiroyuki; Oki, Kenichi; and Miura, Shoshin, 4,523,189, Cl. 340-781.000.
- Miura, Shuji: *See—*
  - Yoshida, Iwao; Kasanami, Takeo; and Miura, Shuji, 4,519,963, Cl. 264-45.300.
- Miura, Tadao: *See—*
  - Takaoka, Takashi; Mochizuki, Masahiko; Yamashita, Mitsuo; and Miura, Tadao, 4,517,668, Cl. 369-111.000.
- Miura, Takao; and Miura, Isao, to Miura Machinery Works Co., Ltd. Cleaning apparatus. 4,496,102, 1-29-85, Cl. 239-227.000.
- Miura, Takeo: *See—*
  - Tanaka, Norio; Miura, Takeo; and Miyata, Jiro, 4,536,005, Cl. 280-289.00S.
- Miura, Takeshi, to Nippon Oil Seal Industry Co., Ltd. Extended wear annular oil seal. 4,531,747, 7-30-85, Cl. 277-134.000.
- Miura, Takeshi. Shock absorber. 4,542,811, 9-24-85, Cl. 188-322.170.
- Miura, Tatsuo; Ohta, Kazuhiro; Hasegawa, Yoshiharu; and Yoneyama, Takao, to Granges Metallverken AB. Corrosion resisting copper alloy. 4,531,980, 7-30-85, Cl. 148-11.50C.
- Miura, Toshihiko: *See—*
  - Fujiyama, Masaaki; Asai, Takamitsu; and Miura, Toshihiko, 4,552,808, Cl. 428-328.000.
- Miura, Yasuhiro: *See—*
  - Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.
- Miura, Yasuki; Motegi, Masahiko; and Okabe, Kazuo, to Toray Industries, Inc. Base film for magnetic recording tape with F-5 values of 9-15 Kg/mm^2. 4,508,782, 4-2-85, Cl. 428-409.000.
- Miura, Yasuki: *See—*
  - Ono, Masaaki; Miura, Yasuki; Motegi, Masahiko; and Okabe, Kazuo, 4,550,049, Cl. 428-141.000.
- Miura, Yasushi: *See—*
  - Nishiike, Naritoshi; Nishimaki, Takashi; Miura, Yasushi; and Kumamura, Masaaki, 4,555,228, Cl. 425-185.000.
- Miura, Yoshiharu; Miyamoto, Kazuhisa; and Yagi, Kiyohito. Process for producing hydrogen by alga in alternating light/dark cycle and environmental aerobic/microaerobic conditions. 4,532,210, 7-30-85, Cl. 435-168.000.
- Miura, Yoshikazu; Horimoto, Koji; and Sumida, Takenori, to Mitsui Petrochemical Industries, Ltd. Thixotropic agent. 4,510,273, 4-9-85, Cl. 523-406.000.
- Miura, Yoshio: *See—*
  - Oku, Masuo; Yamashita, Masami; Miura, Yoshio; and Suzuki, Motoyuki, 4,541,084, Cl. 369-45.000.
- Miwa, Eiji: *See—*
  - Ono, Nobuhiro; and Miwa, Eiji, 4,554,204, Cl. 428-246.000.
- Miwa, Hideo: *See—*
  - Fujii, Shuzo; Abe, Koichi; and Miwa, Hideo, 4,502,819, Cl. 406-14.000.
  - Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.
- Miwa, Hirohide, to Fujitsu Limited. System compensation and calibration for ultrasonic attenuation characterization. 4,509,524, 4-9-85, Cl. 128-660.000.
- Miwa, Hirohide; and Ueda, Mitsuhiro, to Fujitsu Limited. Ultrasonic living body tissue characterization method. 4,512,195, 4-23-85, Cl. 73-602.000.

- Miwa, Hirohide, to Fujitsu Limited. Measuring apparatus utilizing spectrum profile. 4,545,250, 10-8-85, Cl. 73-602.000.
- Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, to Fujitsu Limited. Electro-sound transducer eliminating acoustic multi-reflection, and ultrasonic diagnostic apparatus applying it. 4,552,021, 11-12-85, Cl. 73-644.000.
- Miwa, Hirohide: *See—*
  - Klepper, John R.; Reid, John M.; Miwa, Hirohide; Shimura, Takaki; and Murakami, Keiichi, 4,534,220, Cl. 73-599.000.
- Miwa, Hiromichi, to Nissan Motor Company, Limited. Electromagnetic injection control valve in unit fuel injector. 4,505,243, 3-19-85, Cl. 123-446.000.
- Miwa, Hiroshi; Kaneko, Toshio; Tonouchi, Akira; and Anan, Tatsuro, to Nippon Kokan Kabushiki Kaisha. Method for electroplating steel strip. 4,505,785, 3-19-85, Cl. 204-28.000.
- Miwa, Hiroshi: *See—*
  - Kuwajima, Teruaki; Miwa, Hiroshi; Kida, Katsuaki; and Ishikura, Shinichi, 4,504,609, Cl. 523-501.000.
- Miwa, Ichitomo: *See—*
  - Okuda, Jun; Miwa, Ichitomo; Inagaki, Kazuhiro; Horie, Tokunaru; and Nakayama, Mitsuru, 4,532,254, Cl. 514-456.000.
- Miwa, Kishio: *See—*
  - Inoue, Takehisa; and Miwa, Kishio, 4,515,605, Cl. 55-26.000.
- Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, to Ajinomoto Co., Inc. Composite plasmid. 4,514,502, 4-30-85, Cl. 435-253.000.
- Miwa, Kiyoshi; Terabe, Mahito; Ishida, Masaaki; Matsui, Hiroshi; and Momose, Haruo, to Ajinomoto Co., Inc. Method for producing L-lysine by fermentation. 4,560,654, 12-24-85, Cl. 435-115.000.
- Miwa Lock Co. Ltd.: *See—*
  - Katoh, Yoshiaki; and Inuzuka, Hiroshi, 4,561,147, Cl. 16-380.000.
- Miwa, Naoto: *See—*
  - Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.
- Miwa, Shigeru: *See—*
  - Gomi, Shimpei; Takeuchi, Tomomitsu; Matsuo, Itaru; Tsutsui, Toshio; Nakagawa, Takao; and Miwa, Shigeru, 4,522,627, Cl. 44-1.00R.
- Miwa, Sinkichi: *See—*
  - Kodama, Hiroaki; Kubo, Tetsuo; and Miwa, Sinkichi, 4,555,799, Cl. 382-8.000.
- Miwa, Tadashi; Kimura, Kiyoshi; Okamoto, Yukio; and Tarumi, Noriyoshi, to Konishiroku Photo Industry Co., Ltd. Electrostatic reproducing apparatus having an intermediate toner image transfer member. 4,531,825, 7-30-85, Cl. 355-3.0TR.
- Miwa, Tadashi: *See—*
  - Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, 4,518,976, Cl. 346-153.100.
- Miwa, Takamichi: *See—*
  - Yamazaki, Kazuhiro; and Miwa, Takamichi, 4,504,355, Cl. 159-3.000.
- Miwa, Takao: *See—*
  - Shibaoka, Kazuo; Onishi, Shunji; Miwa, Takao; and Akimoto, Toshio, 4,548,634, Cl. 65-79.000.
- Miwada, Kazuo, to Nippon Electric Co., Ltd. Charge transfer device operative at high speed. 4,554,675, 11-19-85, Cl. 377-60.000.
- Mix, Raymond F.: *See—*
  - Hansen, William D.; and Mix, Raymond F., 4,541,676, Cl. 339-17.0CF.
- Mixer Systems, Inc.: *See—*
  - Strehlow, Robert W., 4,506,984, Cl. 366-65.000.
- Mixich, Georg; and Thiele, Kurt, to Siegfried Aktiengesellschaft. Process for the stereospecific preparation of (Z)-1-(2,4-dichlorophenyl)-2-(imidazol-1-yl)-0-(2,4-dichlorobenzyl)-ethanone oxime ether. 4,550,175, 10-29-85, Cl. 548-341.000.
- Miya, Masayoshi: *See—*
  - Sakurai, Hisaya; Ikegami, Tadashi; Miya, Masayoshi; and Takaya, Katsuhiko, 4,526,941, Cl. 526-127.000.
- Miya, Shinya: *See—*
  - Harada, Masato; Miya, Shinya; Yamada, Sadahiko; and Iijima, Makoto, 4,551,439, Cl. 502-107.000.
- Miya, Shuichi: *See—*
  - Ohbayashi, Nobuo; Kawata, Akiho; Miya, Shuichi; and Niinuma, Teruhisa, 4,556,604, Cl. 428-323.000.
- Miya, Tetsuo: *See—*
  - Okamoto, Katsunari; Edahiro, Takao; Kawana, Akio; and Miya, Tetsuo, 4,525,027, Cl. 350-96.300.
- Miya, Toyofumi; Kobayashi, Yukiharu; and Yano, Masao, to Kohjin Co., Ltd. Crystal of beta-nicotinamide-adenine-dinucleotide and process for preparing the same. 4,515,943, 5-7-85, Cl. 536-27.000.
- Miyabara, Ayako: *See—*
  - Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.
- Miyabayashi, Katsuyuki: *See—*
  - Tabata, Masaaki; and Miyabayashi, Katsuyuki, 4,511,172, Cl. 296-146.000.
- Miyabayashi, Yoshiyuki; Koyachi, Hiroshi; and Kurosawa, Yukihiro, to Nissan Motor Company, Limited. Instrument panel structure of automotive vehicle. 4,530,517, 7-23-85, Cl. 280-752.000.
- Miyabe, Atsushi, to Hochiki Kabushiki Kaisha. Fire alarm system. 4,491,830, 1-1-85, Cl. 340-584.000.
- Miyachi, Akio: *See—*
  - Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, 4,511,631, Cl. 428-632.000.
- Miyachi, Chihiro, to Howa Kogyo Kabushiki Kaisha. Chuck jaw changer for a machine tool. 4,532,692, 8-6-85, Cl. 29-568.000.
- Miyadera, Hiroshi: *See—*
  - Uchida, Kenji; Sakamoto, Masakatsu; Saito, Makoto; Kamino, Yukishige; and Miyadera, Hiroshi, 4,547,132, Cl. 417-63.000.
- Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, to Sankyo Company Limited. Carbapenem compounds, and compositions containing them. 4,552,873, 11-12-85, Cl. 514-210.000.
- Miyadera, Yasuo: *See—*
  - Fujioka, Atsushi; Miyadera, Yasuo; and Fukuda, Tomio, 4,526,838, Cl. 428-458.000.
  - Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, 4,510,008, Cl. 156-245.000.
  - Kumazawa, Tetsuo; Doi, Hiroaki; Miyadera, Yasuo; Fujioka, Atsushi; and Nagai, Tadashi, 4,528,223, Cl. 428-36.000.
  - Yoshida, Masatoshi; and Miyadera, Yasuo, 4,511,681, Cl. 523-310.000.
- Miyagaki, Hisanori: *See—*
  - Yanada, Sadao; Honda, Naganobu; Miyagaki, Hisanori; and Nigawara, Seiitsu, 4,558,227, Cl. 290-40.00R.
- Miyagawa, Akira, to Canon Kabushiki Kaisha. Ink jet recording head. 4,542,391, 9-17-85, Cl. 346-140.00R.
- Miyagawa, Akira: *See—*
  - Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, 4,535,416, Cl. 364-715.000.
- Miyagawa, Junichi; and Hirai, Yukio, to Matsushita Electric Industrial Co., Ltd. Ventilated cooking appliance unit. 4,551,600, 11-5-85, Cl. 219-10.49R.
- Miyagawa, Kiyotaka: *See—*
  - Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.
- Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, to Fuji Electric Co., Ltd. Pattern discriminator. 4,545,070, 10-1-85, Cl. 382-48.000.
- Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, to Fuji Electric Co., Ltd. Pattern discriminator. 4,555,801, 11-26-85, Cl. 382-44.000.
- Miyagawa, Seiichi; and Nakane, Takeshi, to Aisin Seiki Kabushiki Kaisha. Generator for generating a rotational signal in accordance with changing saturation magnetic flux density of a magnetic member. 4,525,670, 6-25-85, Cl. 324-208.000.
- Miyagi, Hideo: *See—*
  - Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, 4,519,353, Cl. 123-359.000.
  - Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, 4,520,780, Cl. 123-359.000.
  - Nagase, Masaomi; and Miyagi, Hideo, 4,502,439, Cl. 123-357.000.
  - Ogawa, Toshihisa; Miyagi, Hideo; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,522,168, Cl. 123-198.00D.
- Miyagi, Kaoru: *See—*
  - Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, 4,562,146, Cl. 430-546.000.
- Miyagi, Ken: *See—*
  - Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.
  - Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.
  - Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.
- Miyagi, Sadao: *See—*
  - Nakasone, Seiken; Miyagi, Sadao; Aragaki, Takehiko; and Higa, Yasusi, 4,492,601, Cl. 127-48.000.
- Miyagi, Takeshi, to Zojirushi Baby Co., Ltd. Baby carriage. 4,506,907, 3-26-85, Cl. 280-642.000.
- Miyaguchi, Hiroshi; and Takeuchi, Hisaharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Signal encoder using orthogonal transform. 4,510,578, 4-9-85, Cl. 364-725.000.
- Miyaguchi, Shoji, to Nippon Telegraph & Telephone Public Corporation. Cryptosystem. 4,514,592, 4-30-85, Cl. 178-22.110.
- Miyahana, Kazuo: *See—*
  - Yoshioka, Shigehiko; Yamada, Hideto; Goto, Kimihiko; Adachi, Yoshio; and Miyahana, Kazuo, 4,533,434, Cl. 162-124.000.
- Miyahara, Hatsuo: *See—*
  - Baba, Fumio; Mochizuki, Hirohiko; and Miyahara, Hatsuo, 4,558,434, Cl. 365-189.000.
  - Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.
  - Nozaki, Shigeki; and Miyahara, Hatsuo, 4,535,423, Cl. 365-51.000.
- Miyahara, Hiroyuki: *See—*
  - Hirota, Akira; Miyahara, Hiroyuki; and Kosaka, Yoshiteru, 4,536,795, Cl. 358-160.000.

Miyahara, Junji; Nakamura, Takashi; and Takahashi, Kenji, to Fuji Photo Film Co., Ltd. Phosphor. 4,539,138, 9-3-85, Cl. 252-301.40H.

Miyahara, Junji: *See*—

Arakawa, Satoshi; and Miyahara, Junji, 4,501,683, Cl. 252-301.260.

Miyahara, Kingo, to Dowa Co., Ltd. Method of heating and packaging food. 4,496,594, 1-29-85, Cl. 426-234.000.

Miyahara, Kingo, to Dowa Co., Ltd. Fuel gasifying burner. 4,516,931, 5-14-85, Cl. 431-168.000.

Miyahara, Kingo, to Dowa Co., Ltd. Method of and apparatus for producing electrically processed foodstuffs. 4,522,834, 6-11-85, Cl. 426-231.000.

Miyahara, Kingo, to Dowa Co., Ltd. Fuel gasifying burner. 4,529,375, 7-16-85, Cl. 431-210.000.

Miyahara, Kingo, to Dowa Co., Ltd. Evaporation burner. 4,551,089, 11-5-85, Cl. 431-116.000.

Miyahara, Masahiko: *See*—

Ohyama, Hiroshi; Morita, Ken; Wada, Takuo; and Miyahara, Masahiko, 4,512,989, Cl. 514-383.000.

Miyahara, Masato; Okano, Michiaki; and Beach, Daryl R., to Kabushiki Kaisha Morita Seisakusho. Simple mounting structure for dental X-ray apparatus. 4,503,552, 3-5-85, Cl. 378-196.000.

Miyahara, Norio: *See*—

Sampei, Takeshi; Miyahara, Norio; Nikaido, Tadanobu; Sato, Hiroaki; and Aoyama, Keizo, 4,512,012, Cl. 370-66.000.

Miyahara, Tooru: *See*—

Yamada, Yasuyuki; Nishizawa, Tsutomu; Mikoda, Tamio; Miyahara, Tooru; and Kikutsugi, Masaharu, 4,552,684, Cl. 252-299.100.

Miyai, Hitoshi: *See*—

Kikuchi, Yoshiyasu; Shutoh, Masamichi; Miyai, Hitoshi; and Itoh, Hidetoshi, 4,495,600, Cl. 364-900.000.

Miyai, Kenji: *See*—

Takaya, Takao; Takasugi, Hisashi; Yamanaka, Hideaki; Miyai, Kenji; and Inoue, Yoshikazu, 4,546,101, Cl. 514-253.000.

Miyai, Masahiko: *See*—

Okouchi, Isao; Takahashi, Sankichi; Izumi, Kenkichi; Miyai, Masahiko; and Otake, Katsumoto, 4,543,188, Cl. 210-304.000.

Miyai, Masuo, to Toyo Machinery Co., Ltd. Apparatus for correcting zigzag travel of running sheet. 4,545,516, 10-8-85, Cl. 226-20.000.

Miyai, Seiichi; Nakajima, Kaoru; and Somezawa, Masashi, to Sony Corporation. Electron radiation curable resin. 4,503,198, 3-5-85, Cl. 525-440.000.

Miyai, Seiichi: *See*—

Nakajima, Kaoru; and Miyai, Seiichi, 4,520,079, Cl. 428-694.000.

Miyairi, Shota. Circuit for reducing harmonics and pulsation in multiplex polyphase rectifying circuits or inverters, respectively provided with interphase reactors. 4,532,581, 7-30-85, Cl. 363-39.000.

Miyaji, Masuo: *See*—

Nakabayashi, Masamitsu; Miyaji, Masuo; and Kamatani, Yoshio, 4,495,020, Cl. 156-314.000.

Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, to Victor Company of Japan, Ltd. Phased-array sound pickup apparatus having no unwanted response pattern. 4,521,908, 6-4-85, Cl. 381-92.000.

Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, to Victor Company of Japan, Ltd. Phased-array sound pickup apparatus. 4,559,642, 12-17-85, Cl. 381-92.000.

Miyajima, Hiroyuki: *See*—

Osawa, Michitaka; Funada, Etuo; Miyajima, Hiroyuki; Maekawa, Hitoshi; and Ando, Kunio, 4,544,896, Cl. 330-284.000.

Miyajima, Mikio: *See*—

Hori, Fumihisa; Tamukai, Tadao; and Miyajima, Mikio, 4,512,675, Cl. 400-328.000.

Koike, Hiroshi; Takeuchi, Shuhei; and Miyajima, Mikio, 4,551,033, Cl. 400-308.000.

Miyajima, Yukio. Fancy article for use as a greeting gift such as a greeting card. 4,515,838, 5-7-85, Cl. 428-14.000.

Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, to Sumitomo Electric Industries, Ltd.; and Nippon Telegraph & Telephone Public Corporation. Raw material supply device. 4,545,801, 10-8-85, Cl. 65-157.000.

Miyakawa, Akira, to Canon Kabushiki Kaisha. Device for discharging liquid droplets. 4,550,327, 10-29-85, Cl. 346-140.00R.

Miyakawa, Eiji, to Miyakawa Industry Co., Ltd. Gear interference preventing mechanism in multi-spindle head attachment. 4,517,857, 5-21-85, Cl. 74-665.0GA.

Miyakawa Industry Co., Ltd.: *See*—

Miyakawa, Eiji, 4,517,857, Cl. 74-665.0GA.

Miyakawa, Nobuaki: *See*—

Kuboki, Shigeo; Kato, Kazuo; and Miyakawa, Nobuaki, 4,527,148, Cl. 340-347.0AD.

Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, to Mita Industrial Co., Ltd. Electrophotographic photosensitive material with polyester binder. 4,492,746, 1-8-85, Cl. 430-71.000.

Miyakawa, Nobuhiro, to Mita Industrial Co., Ltd. Electrophotographic process using transfer-type one-component magnetic developer. 4,495,268, 1-22-85, Cl. 430-122.000.

Miyakawa, Nobuhiro; Fujii, Masanori; and Maekawa, Kouzi, to Mita Industrial Co., Ltd. One-component type magnetic developer comprises particles of cubic magnetite. 4,504,562, 3-12-85, Cl. 430-106.600.

Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, to Mita Industrial Co., Ltd. Photosensitive material for electrophotography. 4,551,403, 11-5-85, Cl. 430-58.000.

Miyakawa, Nobuhiro; Kokado, Hiroshi; and Inoue, Eiichi, to Mita Industrial Co., Ltd. Electrically conductive composition for electroresponsive recording materials. 4,557,856, 12-10-85, Cl. 252-500.000.

Miyakawa, Nobuhiro: *See*—

Higashiguchi, Teruaki; and Miyakawa, Nobuhiro, 4,535,044, Cl. 430-58.000.

Maekawa, Kouji; and Miyakawa, Nobuhiro, 4,530,893, Cl. 430-106.000.

Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, 4,500,897, Cl. 346-209.000.

Matsuda, Masanori; Koyama, Haruo; and Miyakawa, Nobuhiro, 4,502,067, Cl. 346-214.000.

Nakatani, Kaname; Miyakawa, Nobuhiro; Higashiguchi, Teruaki; and Edo, Tomomi, 4,524,118, Cl. 430-56.000.

Miyakawa, Susumu; Fukuta, Toshiaki; Akado, Hajime; and Taki, Yoshihiro, to Nippondenso Co., Ltd. Fluid filter element and support. 4,498,989, 2-12-85, Cl. 210-450.000.

Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, to Pioneer Electronic Corporation. Front-loading record player. 4,539,669, 9-3-85, Cl. 369-75.200.

Miyake, Akio: *See*—

Oka, Yoshikazu; Nishikawa, Kohei; and Miyake, Akio, 4,521,607, Cl. 549-39.000.

Miyake, Akira. Process of manufacturing a sleeve and wedge for an anchor bolt. 4,520,521, 6-4-85, Cl. 10-27.0PH.

Miyake, Atsushi: *See*—

Okafuji, Masaharu; Ochi, Yoshinori; Miyake, Atsushi; Noguchi, Junichi; and Matsuo, Ichiro, 4,558,480, Cl. 15-77.000.

Miyake, Etsuo: *See*—

Matsunaga, Fujihisa; Nishimura, Tadahiko; Miyake, Etsuo; and Banba, Kiyotaka, 4,517,387, Cl. 568-728.000.

Miyake, Haruhisa: *See*—

Ukihashi, Hiroshi; Asawa, Tatsuro; Yamabe, Masaaki; and Miyake, Haruhisa, 4,508,603, Cl. 204-98.000.

Miyake, Hideo: *See*—

Sakamoto, Junichi; Fujimoto, Hiroshi; and Miyake, Hideo, 4,551,215, Cl. 204-159.230.

Miyake, Hideyuki: *See*—

Aiba, Masahiko; Kuranishi, Masaaki; and Miyake, Hideyuki, 4,555,718, Cl. 346-140.00R.

Miyake, Hitomi: *See*—

Fujikawa, Tetsuzo; Tamba, Shinichi; and Miyake, Hitomi, 4,531,487, Cl. 123-198.0DC.

Miyake, Kazuo: *See*—

Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.

Miyake, Kimio; and Sugimoto, Kiyoshi, to Kabushiki Kaisha Komatsu Seisakusho. Control system for push-pull unit mounted on motor scraper. 4,502,235, 3-5-85, Cl. 37-127.000.

Miyake, Kiyoshi; and Kaneko, Hiroko, to Ricoh Company, Ltd. Electrochromic display device. 4,521,081, 6-4-85, Cl. 350-357.000.

Miyake, Makoto: *See*—

Shioi, Shunshuke; Takekawa, Yasuo; and Miyake, Makoto, 4,533,930, Cl. 346-211.000.

Shioi, Shunsuke; Matoba, Gensuke; and Miyake, Makoto, 4,525,520, Cl. 524-512.000.

Miyake, Masaaki; and Fukumori, Kunihiko, to Asahi Kasei Kogyo Kabushiki Kaisha. Filter medium and process for preparing same. 4,548,628, 10-22-85, Cl. 55-487.000.

Miyake, Masanobu: *See*—

Maruyama, Jisaburou; Fukayama, Sumio; Miyake, Masanobu; Watanabe, Yoshimi; and Eguchi, Yoshinori, 4,536,676, Cl. 313-318.000.

Miyake, Masao; and Akita, Teruo, to Asahi Kasei Textiles Ltd. Heat-retaining moisture-transmissible water-resistant fabric. 4,510,194, 4-9-85, Cl. 428-212.000.

Miyake, Masao; and Akita, Teruo, to Asahi Kasei Textiles Ltd. Heat-retaining moisture-transmissible water-resistant fabric. 4,562,108, 12-31-85, Cl. 428-212.000.

Miyake, Masaya: *See*—

Hara, Akio; Miyake, Masaya; and Yazu, Shuji, 4,492,846, Cl. 219-121.0LC.

Miyake, Masayoshi; Ueoka, Isao; Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Yamamoto, Teruyuki, to Sumitomo Electric Industries, Ltd. Enamelled wire. 4,508,779, 4-2-85, Cl. 428-383.000.

Miyake, Masayoshi: *See*—

Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Miyake, Masayoshi, 4,511,624, Cl. 428-379.000.

Miyake, Noriaki: *See*—

Ban, Keisuke; Arai, Takeo; Sakakibara, Tatsuo; and Miyake, Noriaki, 4,506,721, Cl. 164-97.000.

Miyake, Satoru: *See*—

Morinaga, Hiroshi; Miyake, Satoru; and Sato, Terumi, 4,559,166, Cl. 252-512.000.

Miyake, Setsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Klystron unit. 4,558,258, 12-10-85, Cl. 315-5.390.

Miyake, Shigeru: *See*—

Matsuyama, Junya; Kamada, Akio; Kawabata, Fumimaru; Uegaki, Tatsufumi; and Miyake, Shigeru, 4,527,033, Cl. 219-61.000.

Miyake, Shinichi: *See*—

Ueba, Yoshinobu; and Miyake, Shinichi, 4,505,543, Cl. 350-96.340.

Miyake, Shuji: *See*—
Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.

Miyake, Takashi: *See*—
Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, 4,503,957, Cl. 192-4.00C.
Ikemoto, Kazuhito; Terakura, Yukio; Miyake, Takashi; and Yamamoto, Takashi, 4,509,381, Cl. 74-413.000.
Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, 4,530,253, Cl. 74-440.000.

Miyake, Toshio; Yoshida, Mikihiko; and Takeuchi, Kano, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo. Imparting low- or anti-cariogenic property to orally-usable products. 4,518,581, 5-21-85, Cl. 424-48.000.

Miyake, Toshio; Sakai, Shuzo; and Shibuya, Takashi, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo. Process for producing a high-purity isomaltose. 4,521,252, 6-4-85, Cl. 127-46.300.

Miyake, Toshio; and Hijiya, Hiromi, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo. Products sweetened with α-glycosyl glycyrrhizin. 4,537,763, 8-27-85, Cl. 424-49.000.

Miyake, Toshio; Hijiya, Hiromi; Suzuki, Shinji; and Matsumoto, Teruo, to Kabushiki Kaisha Hoyashibara. Food products and process for producing same. 4,557,927, 12-10-85, Cl. 424-48.000.

Miyake, Toshio: *See*—
Hijiya, Hiromi; and Miyake, Toshio, 4,562,020, Cl. 264-39.000.
Manabe, Masatoshi; and Miyake, Toshio, 4,496,603, Cl. 426-577.000.

Miyake, Yasuo: *See*—
Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, 4,510,168, Cl. 427-3.000.
Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, 4,532,881, Cl. 118-20.000.

Miyake, Yoshikazu: *See*—
Ootsuka, Kenichi; and Miyake, Yoshikazu, 4,535,253, Cl. 307-9.000.

Miyake, Yukinori: *See*—
Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,509,090, Cl. 361-119.000.
Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,544,984, Cl. 361-119.000.

Miyake, Yukio: *See*—
Ebata, Mitsuo; Miyake, Yukio; and Kawamura, Yoshimi, 4,497,797, Cl. 424-118.000.

Miyake, Yuzuru; Sugioka, Takami; Murakami, Shoichi; and Ibuki, Hideaki, to Teijin Seiki Company Limited. Yarn winding apparatus. 4,494,702, 1-22-85, Cl. 242-18.00R.

Miyake, Yuzuru: *See*—
Yamamoto, Shigeru; Miyake, Yuzuru; and Nohara, Isao, 4,498,637, Cl. 242-18.100.

Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, to Nippondenso Co., Ltd. Fuel injection pump for internal combustion engine. 4,492,534, 1-8-85, Cl. 417-386.000.

Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, to Nippondenso Co., Ltd. Distributor type fuel-injection pump for distributing fuel to cylinders of an internal combustion engine. 4,499,883, 2-19-85, Cl. 123-503.000.

Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, to Nippondenso Co., Ltd. Apparatus and method for controlling amount of fuel injected into engine cylinders. 4,503,821, 3-12-85, Cl. 123-357.000.

Miyaki, Masahiko: *See*—
Matsumura, Toshimi; Miyaki, Masahiko; Tomishima, Hitoshi; and Masuda, Akira, 4,495,920, Cl. 123-436.000.
Shinoda, Kazuo; Miyaki, Masahiko; Masuda, Akira; and Koide, Hiroshi, 4,505,240, Cl. 123-357.000.

Miyaki, Takeo: *See*—
Hatori, Masami; Ohkuma, Hiroaki; Konishi, Masataka; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,508,647, Cl. 260-239. T.
Konishi, Masataka; Sugawara, Koko; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,518,589, Cl. 514-27.000.
Konishi, Masataka; Sakai, Fumihide; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,546,084, Cl. 435-253.000.

Miyaki, Yoshiyuki; Fujita, Yoshitaka; Se, Kazunori; and Fujimoto, Teruo, to Toyo Soda Manufacturing Co., Ltd. Method for purifying and concentrating organic matters. 4,514,304, 4-30-85, Cl. 210-638.000.

Miyaki, Yoshiyuki: *See*—
Fujimoto, Teruo; Isono, Yoshinobu; and Miyaki, Yoshiyuki, 4,554,376, Cl. 562-554.000.

Miyako, Haruyoshi, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Tone arm control mechanism. 4,495,612, 1-22-85, Cl. 369-216.000.

Miyako, Haruyoshi; and Arima, Kiyoteru, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Record. 4,538,258, 8-27-85, Cl. 369-271.000.

Miyako, Hisao: *See*—
Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.

Miyakoshi, Shinichi; and Isono, Tokio, to Honda Giken Kogyo Kabushiki Kaisha. Anti-lifting mechanism for motor vehicles. 4,497,506, 2-5-85, Cl. 280-703.000.

Miyakoshi, Shinichi; and Tsunoda, Kazuhiko, to Honda Giken Kogyo Kabushiki Kaisha. Rear suspension system for motorcycles. 4,511,013, 4-16-85, Cl. 180-227.000.

Miyakoshi, Shinichi; and Oyama, Kazuo, to Honda Giken Kogyo Kabushiki Kaisha. Multi-cylinder engine mounted on motorcycle. 4,519,471, 5-28-85, Cl. 180-219.000.

Miyakoshi, Shinichi; and Hara, Naoto, to Honda Giken Kogyo Kabushiki Kaisha. Arrangement of multiple valves for an internal combustion engine. 4,549,510, 10-29-85, Cl. 123-90.270.

Miyakoshi, Yasushi: *See*—
Fujii, Kunihisa; Tomono, Noboru; Watanabe, Hajime; and Miyakoshi, Yasushi, 4,516,099, Cl. 335-135.000.

Miyakozawa, Keiji: *See*—
Kimura, Tomoaki; and Miyakozawa, Keiji, 4,491,005, Cl. 72-201.000.

Miyama, Hidetoshi, to Amada Company, Limited. Punch press. 4,532,843, 8-6-85, Cl. 83-409.000.

Miyamae, Ryuichi; and Yasuda, Haruo, to Sharp Kabushiki Kaisha. Electronic sphygmomanometer. 4,510,942, 4-16-85, Cl. 128-680.000.

Miyamae, Ryuichi, to Sharp Kabushiki Kaisha. Display inhibition in an electronic sphygmomanometer. 4,510,943, 4-16-85, Cl. 128-680.000.

Miyamae, Ryuichi; and Yasuda, Haruo, to Sharp Kabushiki Kaisha. Electronic sphygmomanometer with voice synthesizer. 4,558,707, 12-17-85, Cl. 128-683.000.

Miyamae, Tatsuo: *See*—
Ushiyama, Hisayuki; Ochi, Hisayuki; Miyamae, Tatsuo; and Wakamiya, Katsutoshi, 4,514,485, Cl. 430-106.600.

Miyamaru, Tsuneo: *See*—
Kobuki, Shinzo; Kubota, Hazime; and Miyamaru, Tsuneo, 4,494,723, Cl. 248-635.000.

Miyamatsu, Yasunori; Kaga, Yasuo; Aizawa, Masanori; Ishibashi, Kazuhisa; and Ueno, Hiroshi, to Toyo Seikan Kaisha, Ltd. Shock-resistant easily-openable vessel closure. 4,526,287, 7-2-85, Cl. 220-260.000.

Miyamori, Hideaki; Takagi, Kenji; Sato, Shigeru; Takahashi, Fujio; and Ozawa, Mikio, to Nippon Kokan Koji Kabushiki Kaisha. Method for welding by magnetically driven arc. 4,511,784, 4-16-85, Cl. 219-123.000.

Miyamoto, Akira; Sato, Katsuo; Ichikawa, Tetsushi; and Kurokawa, Masahiro, to Mitsubishi Gas Chemical Company, Inc. Hardening agent for epoxy resins comprising an amideamine compound. 4,541,958, 9-17-85, Cl. 260-404.500.

Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, to Mitsubishi Gas Chemical Company, Inc. Process for producing oligoesters. 4,560,788, 12-24-85, Cl. 560-91.000.

Miyamoto, Hidekazu; Shioya, Yoshimi; Maeda, Mamoru; and Takagi, Mikio, to Fujitsu Limited. Method for coating a semiconductor device with a phosphosilicate glass. 4,513,026, 4-23-85, Cl. 427-85.000.

Miyamoto, Hidenori; and Saegusa, Takashi, to Nippon Kogaku K.K. Metering device of a camera. 4,561,752, 12-31-85, Cl. 354-432.000.

Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, to Kubota, Ltd.; and Osaka Gas Company, Limited. Method of ultrasonic flaw detection of pipe. 4,555,948, 12-3-85, Cl. 73-640.000.

Miyamoto, Hiroshi, to ORC Manufacturing Co., Ltd. Exposure apparatus. 4,525,060, 6-25-85, Cl. 355-53.000.

Miyamoto, Hiroshi, to ORC Manufacturing Co., Ltd. Exposure control method. 4,541,714, 9-17-85, Cl. 355-99.000.

Miyamoto, Hitoshi: *See*—
Mishima, Ryoji; and Miyamoto, Hitoshi, 4,531,977, Cl. 148-2.000.

Miyamoto, Kaoru, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Decapeptide having gonadotropin releasing activity. 4,540,513, 9-10-85, Cl. 260-112.50R.

Miyamoto, Kazuaki: *See*—
Nishizaki, Tomoyoshi; Miyamoto, Minoru; Miyamoto, Kazuaki; Yoshida, Ken; Yamaji, Katsuhiko; and Nakata, Yasushi, 4,523,635, Cl. 165-104.120.

Miyamoto, Kazuhisa: *See*—
Miura, Yoshiharu; Miyamoto, Kazuhisa; and Yagi, Kiyohito, 4,532,210, Cl. 435-168.000.

Miyamoto, Kazuyuki: *See*—
Fushiya, Fusao; and Miyamoto, Kazuyuki, 4,503,736, Cl. 81-55.000.

Miyamoto, Kenzo, deceased: *See*—
Ohminato, Kiyoshi; and Miyamoto, Kenzo, deceased, 4,506,416, Cl. 24-67.00R.

Miyamoto, Kiyoshi; and Ueda, Kenji, to Omron Tateisi Electronics Co. Proximity switch with oppositely polarized coils. 4,513,257, 4-23-85, Cl. 331-65.000.

Miyamoto, Kiyoshi: *See*—
Nishimura, Shinichi; Mizuno, Saburo; and Miyamoto, Kiyoshi, 4,515,404, Cl. 296-65.00R.

Miyamoto, Koichi; and Tonomura, Yoshinobu, to Canon Kabushiki Kaisha. Copying apparatus. 4,501,490, 2-26-85, Cl. 355-55.000.

Miyamoto, Koichi: *See*—
Kan, Yasuhito; and Miyamoto, Koichi, 4,492,371, Cl. 271-21.000.

Miyamoto, Minoru: *See*—
Nishizaki, Tomoyoshi; Miyamoto, Minoru; Miyamoto, Kazuaki; Yoshida, Ken; Yamaji, Katsuhiko; and Nakata, Yasushi, 4,523,635, Cl. 165-104.120.

Miyamoto, Motomu. Interlocking contactor assembly. 4,513,269, 4-23-85, Cl. 335-161.000.

Miyamoto, Noriaki; and Inoue, Norio, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Spinning rotor in an open-end spinning frame. 4,502,273, 3-5-85, Cl. 57-414.000.

Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Fiber control apparatus in an open-end spinning frame. 4,539,808, 9-10-85, Cl. 57-411.000.

- Miyamoto, Noriaki: *See—*
  - Kawabata, Susumu; Inoue, Tetsuzo; Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,510,745, Cl. 57-415.000.
- Miyamoto, Osamu: *See—*
  - Nakata, Tohru; Endo, Hiroyuki; Harada, Masatoshi; Hayasaka, Tadao; and Miyamoto, Osamu, 4,552,590, Cl. 75-246.000.
- Miyamoto, Seigo: *See—*
  - Kamohara, Hideaki; Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,518,514, Cl. 252-70.000.
  - Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,561,493, Cl. 165-10.000.
- Miyamoto, Shoichi: *See—*
  - Ohashi, Hiroyuki; Miyamoto, Shoichi; and Kurihara, Shigeru, 4,530,826, Cl. 423-376.000.
- Miyamoto, Shoji: *See—*
  - Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, 4,510,492, Cl. 340-825.050.
- Miyamoto, Shojirou: *See—*
  - Kuno, Toshitaka; Moribe, Hiroshi; and Miyamoto, Shojirou, 4,513,231, Cl. 318-341.000.
- Miyamoto, Sigeru: *See—*
  - Tatematsu, Hiroyuki; Kusakabe, Haruhiko; Takaki, Masamitsu; Kojima, Gendai; and Miyamoto, Sigeru, 4,531,555, Cl. 139-429.000.
- Miyamoto, Takeshi: *See—*
  - Fujiwara, Masakatu; Miyamoto, Takeshi; Kuzuhara, Hiroshi; and Morimoto, Toshiya, 4,541,573, Cl. 241-36.000.
- Miyamoto, Tomohiko: *See—*
  - Koyama, Syuntaro; Tomuro, Jinichi; Miyamoto, Tomohiko; Noguchi, Yoshiki; and Hishinuma, Yukio, 4,531,949, Cl. 48-202.000.
- Miyamoto, Tomohisa: *See—*
  - Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.
- Miyamoto, Toshiko, executor: *See—*
  - Ohminato, Kiyoshi; and Miyamoto, Kenzo, deceased, 4,506,416, Cl. 24-67.00R.
- Miyamura, Masataka; Sakamoto, Masanori; and Nakajima, Yuko, to Tokyo Shibaura Denki Kabushiki Kaisha. Electrochromic display element. 4,537,826, 8-27-85, Cl. 428-328.000.
- Miyanaga, Akiyoshi; and Kurihara, Yukitada, to Toyo Soda Manufacturing Co., Ltd. Separation of analysis of anions. 4,500,431, 2-19-85, Cl. 210-656.000.
- Miyanaga, Junichi: *See—*
  - Moritoki, Masato; Fujikawa, Takao; Kitagawa, Kazuo; and Miyanaga, Junichi, 4,503,319, Cl. 219-390.000.
- Miyanaga, Satoshi: *See—*
  - Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi, 4,510,974, Cl. 138-137.000.
- Miyanaka, Masaki: *See—*
  - Okubo, Takeshi; Kodachi, Hideo; and Miyanaka, Masaki, 4,550,488, Cl. 29-568.000.
- Miyanaka, Motoshi; Toudo, Kenzi; and Sagawa, Toshiaki, to Hitachi, Ltd. Flame detecting apparatus. 4,527,125, 7-2-85, Cl. 328-6.000.
- Miyanaka, Motoshi: *See—*
  - Tanaka, Toshio; Miyanaka, Motoshi; and Kochiyama, Shigekichi, 4,494,924, Cl. 431-78.000.
  - Toudo, Kenzi; and Miyanaka, Motoshi, 4,522,337, Cl. 236-46.00F.
- Miyano, Kenjiro: *See—*
  - Abraham, Bernard M.; Miyano, Kenjiro; and Ketterson, John B., 4,537,064, Cl. 73-54.000.
- Miyano, Masateru; Villamil, Clara I.; and Shone, Robert L., to G. D. Searle & Co. Substituted chromanon-2-yl alkanols and derivatives thereof. 4,546,194, 10-8-85, Cl. 549-401.000.
- Miyano, Takayoshi: *See—*
  - Ueda, Toshihiro; Imanishi, Masamichi; and Miyano, Takayoshi, 4,494,681, Cl. 222-485.000.
- Miyano, Toshiyuki; and Ohmura, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Bundling apparatus. 4,492,072, 1-8-85, Cl. 53-586.000.
- Miyano, Toshiyuki; and Ohmura, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Bundling apparatus. 4,499,709, 2-19-85, Cl. 53-589.000.
- Miyano, Toshiyuki; and Ohmura, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Bundling apparatus. 4,539,789, 9-10-85, Cl. 53-131.000.
- Miyano, Toshiyuki: *See—*
  - Ariga, Yoshio; Miyano, Toshiyuki; and Wakisaka, Yukinori, 4,501,418, Cl. 271-187.000.
- Miyao, Fumio, to Fuji Xerox Co., Ltd. Digital signal transmission system. 4,525,832, 6-25-85, Cl. 370-85.000.
- Miyao, Fumio: *See—*
  - Tan, Yoichi; and Miyao, Fumio, 4,517,531, Cl. 331-14.000.
  - Tan, Yoichi; and Miyao, Fumio, 4,525,837, Cl. 370-85.000.
- Miyao, Masanobu: *See—*
  - Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.
  - Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, 4,498,951, Cl. 156-612.000.
- Miyao, Toshimi: *See—*
  - Kubota, Isao; Kobayashi, Kunio; and Miyao, Toshimi, 4,506,000, Cl. 430-39.000.
- Miyaoka, Eikichi. Adjustable body brush and massager. 4,508,108, 4-2-85, Cl. 128-65.000.
- Miyaoka, Shinichiro; Sekozawa, Teruji; Funabashi, Motohisa; and Hayashi, Shinobu, to Hitachi, Ltd.; and Hitachi Control Systems Inc. Method and apparatus for controlling pressure and flow in water distribution networks. 4,562,552, 12-31-85, Cl. 364-510.000.
- Miyasaka, Kaneyoshi: *See—*
  - Sawai, Nobushige; Miyasaka, Kaneyoshi; and Murata, Ryoji, 4,541,165, Cl. 29-568.000.
- Miyasaka, Kingo: *See—*
  - Arigaya, Hideto; Katsui, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, 4,559,249, Cl. 428-36.000.
  - Sumiyoshi, Kikuo; Sato, Eiji; Kojima, Masamitsu; Izumi, Masayoshi; and Miyasaka, Kingo, 4,547,434, Cl. 428-609.000.
  - Sumiyoshi, Kikuo; Sato, Eiji; Hirai, Kazuo; Miyasaka, Kingo; and Izumi, Masayoshi, 4,551,393, Cl. 428-609.000.
  - Sumiyoshi, Kikuo; and Miyasaka, Kingo, 4,559,248, Cl. 428-36.000.
- Miyasaka, Kiyoshi, to Fujitsu Limited. Semiconductor integrated circuit device with a high tolerance against abnormally high input voltage. 4,503,448, 3-5-85, Cl. 357-23.130.
- Miyasaka, Kojiro: *See—*
  - Nagamine, Akio; Hayashi, Akira; Yoshida, Kazumasa; and Miyasaka, Kojiro, 4,500,614, Cl. 429-206.000.
- Miyasaka, Mamoru: *See—*
  - Ota, Tomio; Miyasaka, Mamoru; and Hiraga, Imao, 4,496,246, Cl. 368-88.000.
- Miyasaka, Masashi; and Oikawa, Akio, to Nissan Motor Company, Limited. Striker attachment construction. 4,557,512, 12-10-85, Cl. 292-341.180.
- Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, to Kabushiki Kaisha Yakult Honsha. Camptothecin-1-oxide derivatives. 4,513,138, 4-23-85, Cl. 546-48.000.
- Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, to Kabushiki Kaisha Yakult Honsha. Photochemical process for preparing camptothecin derivatives. 4,545,880, 10-8-85, Cl. 204-158.00R.
- Miyasaka, Tsutomu; Kobayashi, Hidetoshi; Itoh, Isamu; and Hirano, Shigeo, to Fuji Photo Film Co., Ltd. Direct positive silver halide photographic light-sensitive materials. 4,550,070, 10-29-85, Cl. 430-202.000.
- Miyasaka, Yoshiteru: *See—*
  - Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, 4,545,292, Cl. 98-42.210.
- Miyasako, Hideichi: *See—*
  - Kawamata, Masanobu; Ushimaru, Koichi; Goshi, Hiroyuki; and Miyasako, Hideichi, 4,533,552, Cl. 424-78.000.
- Miyasato, Tsutomu: *See—*
  - Yamaguchi, Hirohisa; Yamada, Kazuo; and Miyasato, Tsutomu, 4,536,745, Cl. 340-347.0DD.
- Miyashiro, Shigeyoshi: *See—*
  - Udaka, Shigezo; Miyashiro, Shigeyoshi; Shimizu, Eikou; and Shiio, Tsuyoshi, 4,507,282, Cl. 424-117.000.
  - Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, 4,560,748, Cl. 536-24.000.
- Miyashiro, Yutaka; Ogawa, Masao; Yamazaki, Yoshio; and Igarasi, Seizi, to Takeda Chemical Industries, Ltd. Polysaccharide beads. 4,493,894, 1-15-85, Cl. 435-178.000.
- Miyashita, Akimi: *See—*
  - Yamada, Osamu; Murooka, Hideyasu; Ono, Kaoru; and Miyashita, Akimi, 4,557,792, Cl. 156-583.100.
- Miyashita, Hideo: *See—*
  - Inaba, Hajimu; and Miyashita, Hideo, 4,542,471, Cl. 364-513.000.
- Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, to Olympus Optical Co., Ltd. Collator. 4,494,748, 1-22-85, Cl. 271-288.000.
- Miyashita, Kiyoshi; Ozeki, Fumitaka; and Tsuda, Hiroshi, to Olympus Optical Co., Ltd. Original conveying apparatus for electrophotographic copying machines. 4,551,010, 11-5-85, Cl. 355-25.000.
- Miyashita, Kunio: *See—*
  - Hayashida, Hiroshi; Takahashi, Tadashi; and Miyashita, Kunio, 4,558,265, Cl. 318-561.000.
  - Morinaga, Shigeki; Miyashita, Kunio; and Sugiura, Yasuyuki, 4,511,827, Cl. 318-254.000.
- Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, to Nissin Machine Works, Limited. Method for producing a grinding wheel by electroplating. 4,528,074, 7-9-85, Cl. 204-16.000.
- Miyashita, Masakazu: *See—*
  - Shiba, Kazuo; and Miyashita, Masakazu, 4,543,724, Cl. 33-1.00N.
- Miyashita, Takao; and Sato, Toshio, to Sony Corporation. Tape cassette anti-static member. 4,533,969, 8-6-85, Cl. 360-132.000.
- Miyashita, Takao: *See—*
  - Umeda, Takao; Simazaki, Yuzuru; Igawa, Tatsuo; Tanno, Seikichi; Sasaki, Ken; and Miyashita, Takao, 4,505,546, Cl. 350-334.000.
- Miyashita, Teruo; and Yoshida, Koichi, to Nippon Light Metal Company Ltd. Method for cathodic protection of aluminum material. 4,510,030, 4-9-85, Cl. 204-147.000.
- Miyashita, Teruo: *See—*
  - Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,536,264, Cl. 204-129.430.

Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,533,444, Cl. 204-129.430.

Miyashita, Tetsuharu: *See—*
Sawano, Katsutoshi; and Miyashita, Tetsuharu, 4,525,667, Cl. 324-140.00R.

Miyashita, Tsuneo; Sakamoto, Noboru; and Fukuyo, Hiroshi, to Nippon Kokan Kabushiki Kaisha. Method of producing agglomerates. 4,504,306, 3-12-85, Cl. 75-3.000.

Miyashita, Yoshikazu; Muranaka, Shiaru; and Tanaka, Hideo, to Shibuya Kogyo Co., Ltd. System for synchronizing two or more process units. 4,554,774, 11-26-85, Cl. 53-52.000.

Miyashita, Yoshinobu; and Satomura, Shinji, to Wako Pure Chemical Industries, Ltd. Stabilization of oxidase. 4,543,326, 9-24-85, Cl. 435-15.000.

Miyashita, Yushi: *See—*
Iwata, Masahiro; Miyashita, Yushi; and Taka, Yuichi, 4,557,618, Cl. 401-34.000.

Miyata, Hiroyasu; Yamaguchi, Akio; and Watanabe, Keizo, to Sanshin Electric Co., Ltd. Push-button tuner. 4,492,125, 1-8-85, Cl. 74-10.330.

Miyata, Hiroyasu; and Ito, Kazuhiko, to Alps Electric Co., Ltd. Sheet material and production method thereof. 4,518,648, 5-21-85, Cl. 428-256.000.

Miyata, Hiroyasu; and Ito, Kazuhiko, to Alps Electric Co., Ltd. Pressure-sensitive element. 4,524,256, 6-18-85, Cl. 200-86.00R.

Miyata, Jiro: *See—*
Tanaka, Norio; Miura, Takeo; and Miyata, Jiro, 4,536,005, Cl. 280-289.00S.

Miyata, Jun; Yagii, Koji; and Shimizu, Tsutomu, to Mazda Motor Corporation. Apex seals for high power rotary piston engines. 4,545,825, 10-8-85, Cl. 148-3.000.

Miyata, Katsuro; Asaida, Takashi; and Nagumo, Fumio, to Sony Corporation. Solid state television camera with iris control. 4,516,172, 5-7-85, Cl. 358-228.000.

Miyata, Kenji; Terasawa, Yoshio; Oikawa, Saburo; Murakami, Susumu; and Okamura, Masahiro, to Hitachi, Ltd. Field controlled thyristor with double-diffused source region. 4,514,747, 4-30-85, Cl. 357-38.000.

Miyata, Makoto: *See—*
Kakumoto, Hiromi; Ihara, Shinji; Iguchi, Yoji; and Miyata, Makoto, 4,509,259, Cl. 30-34.100.

Miyata, Mitsuto: *See—*
Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,501,998, Cl. 318-568.000.
Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,502,108, Cl. 364-170.000.
Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,511,975, Cl. 364-474.000.

Miyata, Muneyoshi, to Mitsuku Denshi Kogyo Kabushiki Kaisha. Selection switch. 4,506,122, 3-19-85, Cl. 200-61.58R.

Miyata, Shigeo; Okada, Akira; and Hirose, Toru, to Kyowa Chemical Industry Co., Ltd. Fibrous magnesium oxide and process for production thereof. 4,505,887, 3-19-85, Cl. 423-635.000.

Miyata, Shigeo, to Kyowa Chemical Industry Co., Ltd. Gastric antacid and method for controlling pH of gastric juice. 4,514,389, 4-30-85, Cl. 424-128.000.

Miyata, Shigeo; and Iizima, Noriko, to Kyowa Chemical Industry Co., Ltd. Process for removing a halogen component derived from a catalyst from an organic compound containing said halogen component. 4,547,620, 10-15-85, Cl. 585-852.000.

Miyata, Shigeo, to Kyowa Chemical Industry Co., Ltd. Method for curing halogen-containing rubber composition. 4,558,102, 12-10-85, Cl. 525-348.000.

Miyata, Shigeo, to Kyowa Chemical Industry Co., Ltd. Method of purifying cyclohexanone containing by-product organic acids. 4,562,295, 12-31-85, Cl. 568-366.000.

Miyata, Shinji, to NEC Corporation. Switching circuit operable as an amplifier and a muting circuit. 4,491,800, 1-1-85, Cl. 330-51.000.

Miyata, Shinji: *See—*
Togari, Hisashi; and Miyata, Shinji, 4,540,953, Cl. 330-284.000.

Miyata, Takahide: *See—*
Oike, Ikuo; and Miyata, Takahide, 4,545,200, Cl. 60-314.000.

Miyata, Takeo; Ono, Takuhiro; and Iwabuchi, Takashi, to Agency of Industrial Science and Technology. Antireflection coating for potassium chloride. 4,533,593, 8-6-85, Cl. 428-215.000.

Miyata, Takeshi: *See—*
Suzuki, Shunsuke; Mori, Masanobu; and Miyata, Takeshi, 4,512,383, Cl. 164-35.000.

Miyata, Tatsuhiko: *See—*
Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, 4,515,804, Cl. 514-456.000.

Miyata, Teruo: *See—*
Kasai, Shunji; Akaike, Toshihiro; and Miyata, Teruo, 4,559,304, Cl. 435-240.000.

Miyata, Tomohiko: *See—*
Saito, Eiiji; Aizawa, Shoji; Mitsui, Michio; Miyata, Tomohiko; and Kuroda, Masayuki, 4,508,266, Cl. 239-3.000.

Miyata, Toshihiko; and Shibata, Takashi, to Sony Corporation. Frequency response display for use with a graphic equalizer. 4,534,057, 8-6-85, Cl. 381-58.000.

Miyata, Yutaka; Chikamura, Takao; and Fujiwara, Shinji, to Matsushita Electric Industrial Co., Ltd. Solid-state image sensor. 4,514,765, 4-30-85, Cl. 358-213.000.

Miyatake, Fumio: *See—*
Ogawa, Hiroyasu; Shigei, Tetsuro; Takahashi, Hayashi; Okabe, Tetuya; and Miyatake, Fumio, 4,536,448, Cl. 428-394.000.

Miyatake, Kimio; Ishida, Kozo; Ebi, Hiroyuki; and Shimada, Takeshi, to Horiba, Ltd. Infrared radiation gas analyzer. 4,499,378, 2-12-85, Cl. 250-343.000.

Miyatake, Kimio; and Tomita, Katsuhiko, to Horiba, Ltd. Infrared radiation gas analyzer. 4,499,379, 2-12-85, Cl. 250-343.000.

Miyatake, Kimio: *See—*
Ebi, Hiroyuki; and Miyatake, Kimio, 4,501,968, Cl. 250-343.000.

Miyatake, Satoshi; Abe, Mitsuo; Kume, Masao; Yonemura, Shigehiro; and Umino, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Workpiece engaging apparatus in grinding machines. 4,561,216, 12-31-85, Cl. 51-165.920.

Miyatake, Shigehiro: *See—*
Watanabe, Takashi; and Miyatake, Shigehiro, 4,500,914, Cl. 358-44.000.

Miyatake, Takashi: *See—*
Inaba, Yukio; Igarashi, Taisei; Tahara, Susumu; and Miyatake, Takashi, 4,540,800, Cl. 549-462.000.

Miyatani, Takashi; Nakata, Junji; Seki, Kisuke; and Kageyama, Takafumi, to Tokyo Shibaura Denki Kabushiki Kaisha; and Mitsui Toatsu Chemicals, Inc. Abrasive and method for manufacturing the same. 4,548,617, 10-22-85, Cl. 51-293.000.

Miyatsuka, Hajime, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,555,431, 11-26-85, Cl. 428-141.000.

Miyatsuka, Hajime: *See—*
Kasuga, Akira; Hibino, Noburo; and Miyatsuka, Hajime, 4,496,626, Cl. 428-336.000.
Kasuga, Akira; Yamamoto, Nobuyuki; and Miyatsuka, Hajime, 4,537,833, Cl. 428-328.000.

Miyauchi, Hideo: *See—*
Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, 4,548,564, Cl. 425-32.000.

Miyauchi, Hirotsugu: *See—*
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,510,328, Cl. 568-32.000.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,511,518, Cl. 260-543.00F.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,536,352, Cl. 260-543.00F.
Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,555,369, Cl. 260-544.00F.

Miyauchi, Katsuki; Kudo, Tetsuichi; Minato, Osamu; Masuhara, Toshiaki; and Uetani, Yoshio, to Hitachi, Ltd.; and Hitachi Maxell, Ltd. Semiconductor integrated circuit. 4,539,660, 9-3-85, Cl. 365-229.000.

Miyauchi, Katsuki: *See—*
Kanehori, Keiichi; Miyauchi, Katsuki; Ito, Yukio; Kirino, Fumiyoshi; and Kudo, Tetsuichi, 4,555,456, Cl. 429-131.000.

Miyauchi, Kazuo: *See—*
Mae, Hisao; and Miyauchi, Kazuo, 4,546,732, Cl. 123-1.00A.

Miyauchi, Keinosuke: *See—*
Koyama, Masao; Tsuruoka, Takashi; Ezaki, Norio; Miyauchi, Keinosuke; and Inouye, Shigeharu, 4,495,358, Cl. 548-550.000.

Miyauchi, Masami; and Itoh, Masayuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Alloy with constant modulus of elasticity. 4,517,158, 5-14-85, Cl. 420-584.000.

Miyauchi, Nobuyuki: *See—*
Hayakawa, Toshiro; Miyauchi, Nobuyuki; Suyama, Takahiro; and Yano, Seiki, 4,545,057, Cl. 372-45.000.

Miyauchi, Sakae: *See—*
Hasegawa, Mineo; Yoshida, Kazuya; Miyauchi, Sakae; and Terazono, Masami, 4,504,583, Cl. 435-206.000.

Miyauchi, Tateoki: *See—*
Okunaka, Masaaki; Mizukoshi, Katsuro; Hongo, Mikio; and Miyauchi, Tateoki, 4,510,222, Cl. 430-5.000.
Yamaguchi, Hiroshi; Miyauchi, Tateoki; Shimase, Akira; and Hongo, Mikio, 4,503,329, Cl. 250-309.000.

Miyauchi, Teruo: *See—*
Kanai, Shunichiro; and Miyauchi, Teruo, 4,494,722, Cl. 248-621.000.

Miyauchi, Toshiaki; and Yoneda, Osamu, to Tokusen Kogyo Kabushiki Kaisha. Steel cord for reinforcing a rubber structure. 4,506,500, 3-26-85, Cl. 57-212.000.

Miyauchi, Toshimitsu: *See—*
Tsunoda, Yoshito; Miyauchi, Toshimitsu; and Shigematsu, Kazuo, 4,556,965, Cl. 369-45.000.

Miyauchi, Yuh: *See—*
Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, 4,544,511, Cl. 260-549.000.
Isshiki, Tomiya; Kijima, Yasuhiko; Miyauchi, Yuh; and Kondo, Takao, 4,556,519, Cl. 260-549.000.

Miyauchi, Yujiro: *See—*
Shindow, Yoshio; Tsutsumi, Masaya; Hotta, Wataru; and Miyauchi, Yujiro, 4,522,892, Cl. 428-628.000.

Miyawaki, Junichi: *See—*
Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, 4,506,053, Cl. 524-405.000.
Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; and Shibata, Akiyoshi, 4,526,921, Cl. 524-405.000.

Miyawaki, Kunio: *See—*
Nakano, Teruo; Ohtani, Hideji; Miyawaki, Kunio; and Mogi, Shigeo, 4,538,047, Cl. 219-125.100.

Miyawaki, Syozo: *See—*
Ikoma, Tadashi; and Miyawaki, Syozo, 4,491,929, Cl. 364-563.000.

- Miyawaki, Toshi: *See—*
  - Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.
- Miyawaki, Toshio: *See—*
  - Numata, Mitsuo; Minamida, Isao; Yamaoka, Masayoshi; Shiraishi, Mitsuru; and Miyawaki, Toshio, 4,517,361, Cl. 544-24.000.
- Miyawaki, Yoshiharu; Hirose, Takeshi; Hamada, Yoneichi; Mizuoka, Seishi; and Tsuru, Masahiro. Method and apparatus for removing fine cold shut cracks on horizontally and continuously cast steel strand using ejection of a plurality of metal shots. 4,532,980, 8-6-85, Cl. 164-475.000.
- Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Hasegawa, Teruyuki; Nimura, Yoichi; and Hiraga, Noriyuki, to Nippon Kokan Kabushiki Kaisha. Bottom-blown gas blowing nozzle. 4,539,043, 9-3-85, Cl. 266-265.000.
- Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, to Nippon Kokan Kabushiki Kaisha. Process for desulfurizing molten steel. 4,560,405, 12-24-85, Cl. 75-12.000.
- Miyazaki, Atsushi: *See—*
  - Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.
- Miyazaki, Haruhiko; Shiomi, Yasushi; Fujitus, Satoru; Masunaga, Katsuro; and Yanagisawa, Hiroshi, to UBE Industries, Ltd. Process for the production of a diester of oxalic acid. 4,507,494, 3-26-85, Cl. 560-193.000.
- Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, to UBE Industries, Ltd. Process for producing lower alkylene glycol, catalyst composition used therefor and process for production thereof. 4,511,744, 4-16-85, Cl. 568-864.000.
- Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, to UBE Industries, Ltd. Process for the production of ethylene glycol and/or glycollic acid esters, and catalyst therefor. 4,551,565, 11-5-85, Cl. 568-864.000.
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  - Iiyama, Akihiro; Miyazaki, Hiroaki; Etoh, Yukihiro; and Tanaka, Toshiaki, 4,531,491, Cl. 123-357.000.
  - Tanaka, Toshiaki; Miyazaki, Hiroaki; Etoh, Yukihiro; Kanesaki, Nobukazu; and Iijima, Akihiro, 4,530,324, Cl. 123-300.000.
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  - Iida, Shinzo; Ie, Katsuji; and Miyazaki, Jun, 4,513,806, Cl. 164-413.000.
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  - Saito, Hiraku; Suzuki, Yasuo; Fujii, Katsumi; Miyazaki, Kaoru; and Horio, Takekazu, 4,507,233, Cl. 260-115.000.
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  - Hirosawa, Toshio; Ohki, Masaru; Miyazaki, Katuto; Kobayashi, Nobuo; and Koizumi, Naoko, 4,550,386, Cl. 364-900.000.
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  - Takeuchi, Hiroo; and Miyazaki, Kazuo, 4,554,786, Cl. 60-397.000.
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  - Sato, Ken-ichi; Takano, Satoshi; and Miyazaki, Kenji, 4,556,609, Cl. 428-659.000.
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  - Amemori, Koichi; Kawabe, Toshihiko; and Miyazaki, Manabu, 4,538,561, Cl. 123-90.440.
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  - Nozawa, Masafumi; and Miyazaki, Michio, 4,525,839, Cl. 371-38.000.
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  - Yatsuda, Hisao; and Miyazaki, Mutsumi, 4,501,819, Cl. 501-61.000.
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  - Higaki, Hiromichi; and Miyazaki, Nobuyuki, 4,503,097, Cl. 427-386.000.
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- Miyazaki, Seikichi, to Fuji Xerox Co., Ltd. Exposure detecting device for copying machine. 4,533,238, 8-6-85, Cl. 355-68.000.
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  - Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, 4,524,562, Cl. 53-409.000.
- Miyazaki, Shoji: *See—*
  - Suzuki, Hiroshi; Gama, Yasuo; and Miyazaki, Shoji, 4,517,110, Cl. 252-180.000.
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  - Washo, Junichi; Miyazaki, Takaaki; Ishii, Mitsuo; Nakayama, Muneo; Hashimoto, Akira; and Nishimura, Toshihiro, 4,527,865, Cl. 350-357.000.
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  - Sugiyama, Kenji; and Miyazaki, Takeshi, 4,513,489, Cl. 29-520.000.
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  - Okano, Masami; Tanaka, Akimasa; Suzuki, Takeshi; Ishida, Akira; and Miyazaki, Tatsuo, 4,531,039, Cl. 219-60.00R.
- Miyazaki, Tomio: *See—*
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  - Nakayama, Yasuo; Miyazaki, Wasei; and Shinohara, Masanao, 4,545,988, Cl. 424-94.000.
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  - Kubo, Kunimichi; Yoshikawa, Mamoru; Watanabe, Motokazu; Miyazaki, Yasunosuke; and Miyoshi, Mituji, 4,525,548, Cl. 526-72.000.
- Miyazaki, Yasuyuki: *See—*
  - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,491,918, Cl. 364-424.000.
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  - Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, 4,522,108, Cl. 91-376.00R.
  - Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, 4,557,179, Cl. 91-369.00A.
- Miyazaki, Yusuke: *See—*
  - Yuguchi, Hiroya; Hayashi, Yoshinobu; and Miyazaki, Yusuke, 4,501,763, Cl. 426-573.000.
- Miyazawa, Kazuyuki: *See—*
  - Ouchi, Yoshiaki; Ishihara, Masamichi; Matsumoto, Tetsuro; and Miyazawa, Kazuyuki, 4,562,555, Cl. 365-233.000.
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Miyazawa, Shintaro: *See—*
Kawasaki, Akihisa; Tada, Kohji; Kotani, Toshihiro; and Miyazawa, Shintaro, 4,537,652, Cl. 156-617.0SP.

Miyazawa, Shyoichi: *See—*
Maejima, Hideo; Masuda, Ikuro; Matsumoto, Hidekazu; and Miyazawa, Shyoichi, 4,523,276, Cl. 364-200.000.

Miyazawa, Takashi, to Kirin Beer Kabushiki Kaisha. Defect detecting method and apparatus. 4,492,476, 1-8-85, Cl. 356-428.000.

Miyazawa, Takashi: *See—*
Shiraki, Manabu; Nakajima, Akihiro; and Miyazawa, Takashi, 4,499,420, Cl. 324-174.000.

Miyazawa, Takeshige: *See—*
Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.

Miyazawa, Tetsuo: *See—*
Kobayashi, Seishichi; Miyazawa, Tetsuo; and Ueno, Hiroshi, 4,525,497, Cl. 523-400.000.

Miyazawa, Yoshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Uninterruptible power supply and a starting method. 4,562,357, 12-31-85, Cl. 307-66.000.

Miyazi, Kazumi: *See—*
Saito, Shoichi; and Miyazi, Kazumi, 4,523,242, Cl. 360-109.000.
Saito, Shoichi; and Miyazi, Kazumi, 4,554,605, Cl. 360-96.100.

Miyoshi, Akio, to Sankyo Company Limited. Portable electromagnetic drilling machine. 4,541,759, 9-17-85, Cl. 408-76.000.

Miyoshi, Akito: *See—*
Okamoto, Miyoshi; Iijima, Hiromichi; and Miyoshi, Akito, 4,557,972, Cl. 428-373.000.

Miyoshi, Hideo; Umeda, Tadashi; and Aoki, Takashi, to Mita Industrial Co., Ltd. Electrostatic copying apparatus. 4,515,465, 5-7-85, Cl. 355-14.00C.

Miyoshi, Hideo: *See—*
Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.

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Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, to Sekisui Kagaku Kogyo Kabushiki Kaisha. Photo-degradable styrene resin compositions. 4,517,318, 5-14-85, Cl. 523-126.000.

Miyoshi, Isao: *See—*
Abe, Masaru; Miyoshi, Isao; Tezuka, Toshiro; and Yoshimoto, Toshio, 4,506,718, Cl. 152-361.00R.

Miyoshi, Katsuyoshi: *See—*
Terano, Minoru; Soga, Hirokazu; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,547,476, Cl. 502-127.000.
Terano, Minoru; Kimura, Kouhei; Murai, Atsushi; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,562,173, Cl. 502-127.000.

Miyoshi, Kunisuke: *See—*
Shimoyama, Yoshiaki; Miyoshi, Kunisuke; and Hiromae, Yoshitaka, 4,560,423, Cl. 148-111.000.

Miyoshi, Masanobu: *See—*
Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,507,386, Cl. 430-549.000.
Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,510,234, Cl. 430-557.000.

Miyoshi, Mitsuji: *See—*
Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,507,448, Cl. 526-125.000.
Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,518,752, Cl. 526-116.000.
Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,525,552, Cl. 526-116.000.

Miyoshi, Mituji: *See—*
Kubo, Kunimichi; Yoshikawa, Mamoru; Watanabe, Motokazu; Miyazaki, Yasunosuke; and Miyoshi, Mituji, 4,525,548, Cl. 526-72.000.
Matsuura, Kazuo; Yamaoka, Noboru; Yanahashi, Shinichi; Usui, Katumi; and Miyoshi, Mituji, 4,495,334, Cl. 525-240.000.
Matsuura, Kazuo; Shikatani, Yutaka; Kamiishi, Hirofumi; Kuroda, Nobuyuki; and Miyoshi, Mituji, 4,537,938, Cl. 526-97.000.
Tajima, Yoshio; Miyoshi, Mituji; Sugita, Shoji; Kawabe, Kiyoshi; and Matsuura, Kazuo, 4,525,555, Cl. 526-125.000.

Miyoshi, Motosuke; and Sano, Tetsuya, to Tokyo Shibaura Denki Kabushiki Kaisha. Stroboscopic scanning electron microscope. 4,538,065, 8-27-85, Cl. 250-310.000.

Miyoshi, Motosuke: *See—*
Okumura, Katsuya; and Miyoshi, Motosuke, 4,562,455, Cl. 357-71.000.

Miyoshi, Nobutaka; Sugimoto, Shigeo; and Aizawa, Michihiko, to Hitachi, Ltd. Multi-effect absorption refrigerating machine. 4,551,991, 11-12-85, Cl. 62-476.000.

Miyoshi, Ryoichi: *See—*
Maetani, Teruo; Miyoshi, Ryoichi; Nahara, Yukinori; Kawazoe, Yasuyuki; and Hamada, Taizo, 4,504,228, Cl. 433-199.000.

Miyoshi, Shuji; Sugihara, Takashi; Jinda, Akihito; and Hijikigawa, Masaya, to Sharp Kabushiki Kaisha. Moisture responsive element with crosslinked organic membrane and protective layering. 4,520,341, 5-28-85, Cl. 338-35.000.

Miyoshi, Shuji; Sugihara, Takashi; and Hijikigawa, Masaya, to Sharp Kabushiki Kaisha. Moisture sensitive resistive element. 4,528,543, 7-9-85, Cl. 338-35.000.

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Miyoshi, Tadahiko: *See—*
Maeda, Kunihiro; and Miyoshi, Tadahiko, 4,544,642, Cl. 501-88.000.

Miyoshi, Takahito; Okutu, Toshimitu; and Fujiyama, Masaaki, to Fuji Photo Film Co., Ltd. Magnetic recording medium having a subbing layer of amorphous saturated polyesters. 4,504,542, 3-12-85, Cl. 428-336.000.

Miyoshi, Takahito; Fujiyama, Masaaki; and Okutu, Toshimitu, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,528,240, 7-9-85, Cl. 428-323.000.

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Yamada, Yasuyuki; Miyoshi, Takahito; Okutsu, Toshimitsu; and Fujiyama, Masaaki, 4,552,807, Cl. 428-323.000.
Yamaguchi, Nobutaka; Iida, Shinobu; Okutu, Toshimitu; Miyoshi, Takahito; Tadokoro, Eiichi; and Fujiyama, Masaaki, 4,544,601, Cl. 428-330.000.

Miyoshi, Takao; and Sakanoue, Akira, to Central Glass Company, Limited. Method of preparing polymer-coated particulate inorganic material. 4,508,761, 4-2-85, Cl. 427-221.000.

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Kato, Masaaki; Miyoshi, Teruzo; Kibayashi, Iwao; Ikemi, Masahisa; Gomi, Haruo; Ishimatsu, Yoshiaki; Koizumi, Noriaki; and Yamada, Hideaki, 4,492,757, Cl. 435-280.000.

Miyoshi, Toshio: *See—*
Imanaka, Hiroshi; Miyoshi, Toshio; Konomi, Toshio; Kubochi, Yoshiaki; Hattori, Seiziro; and Kawakita, Takeshi, 4,517,299, Cl. 435-197.000.

Miyoshi, Yoshihiro: *See—*
Kawai, Kiyoshi; Kokubo, Toshiyuki; and Miyoshi, Yoshihiro, 4,556,648, Cl. 502-112.000.

Mizell, James A. Method of fabricating hollow plastic objects and apparatus therefor. 4,551,290, 11-5-85, Cl. 264-46.600.

Mizelle, Ned W. Bedding units and components for such units. 4,559,654, 12-24-85, Cl. 5-255.000.

Mizerak, Robert J.; Bertkau, Geoffrey H.; Line, William F.; and Chicoye, Etzer, to Miller Brewing Company. Preparation of low calorie beer with malt extract free of yeast lethal factors. 4,528,198, 7-9-85, Cl. 426-16.000.

Mizin, Vladimir G.; Zubarev, Alexei G.; Kolganov, Gennady S.; Volkov, Stanislav S.; Rudnev, Jury A.; Ivashina, Evgeny N.; Blinov, Konstantin A.; and Jugov, Petr I. Steelmaking process. 4,557,758, 12-10-85, Cl. 75-51.200.

Mizobata, Shiro: *See—*
Ito, Kenzo; and Mizobata, Shiro, 4,542,585, Cl. 30-210.000.

Mizobe, Akio: *See—*
Genba, Tsuneo; Mizobe, Akio; and Okazaki, Masaki, 4,524,042, Cl. 264-211.000.

Mizobuchi, Norihiro; Furukawa, Keiji; and Motoyama, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Refrigerator cooling and freezing system. 4,513,581, 4-30-85, Cl. 62-197.000.

Mizogami, Shigeyoshi; and Akimoto, Shinichi, to Idemitsu Kosan Company Limited. Process for the production of polyethylene. 4,518,751, 5-21-85, Cl. 526-114.000.

Mizoguchi, Fumio, to Olympus Optical Co., Ltd. Apparatus for detecting an amount of liquid remained in a vessel. 4,502,126, 2-26-85, Cl. 364-509.000.

Mizoguchi, Hitoshi: *See—*
Kobayashi, Akio; Mizoguchi, Hitoshi; Ikeda, Hisatoshi; and Mayama, Hidekiyo, 4,516,006, Cl. 200-148.00A.

Mizoguchi, Kiyohisa: *See—*
Kanematsu, Hiroyuki; Nagae, Akimitsu; Mizoguchi, Kiyohisa; and Ohashi, Hajime, 4,521,860, Cl. 364-474.000.
Sakai, Takayoshi; Mizoguchi, Kiyohisa; and Hayakawa, Masazumi, 4,539,634, Cl. 364-167.000.

Mizoguchi, Mitsuru: *See—*
Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.

Mizoguchi, Toshimi: *See—*
Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.

Mizoguchi, Yasumitsu: *See—*
Maeda, Takeshi; Mizoguchi, Yasumitsu; Takasago, Masahiro; Kaneda, Tokuya; and Tsunoda, Yoshito, 4,523,089, Cl. 250-205.000.
Maeda, Takeshi; Tsunoda, Yoshito; Huno, Takakazu; Takasago, Masahiro; and Mizoguchi, Yasumitsu, 4,554,652, Cl. 369-44.000.
Takasago, Masahiro; Maeda, Takeshi; Uno, Motoo; and Mizoguchi, Yasumitsu, 4,542,491, Cl. 369-45.000.

Mizoguchi, Yoshihiko: *See—*
Mochizuki, Keizo; Kuwada, Yukio; and Mizoguchi, Yoshihiko, 4,499,113, Cl. 426-291.000.

Mizogui, Toyokazu, to Canon Kabushiki Kaisha. Exposure mode control device for camera. 4,529,291, 7-16-85, Cl. 354-443.000.

- Mizogui, Toyokazu: *See—*
  - Someya, Hiromi; Aihara, Yoshihiko; Mizogui, Toyokazu; and Suzuki, Nobuyuki, 4,525,054, Cl. 354-443.000.
  - Someya, Hiromi; Suzuki, Nobuyuki; and Mizogui, Toyokazu, 4,536,074, Cl. 354-442.000.
- Mizokami, Hiroshi: *See—*
  - Kawahara, Tetsuo; Mizokami, Hiroshi; Mizuno, Kyosuke; and Susumi, Sadao, 4,515,714, Cl. 260-112.00R.
- Mizokami, Kazunori, to Olympus Optical Co., Ltd. Photometric circuit having a plurality of photoelectric transducer elements capable of being selectively enabled for photometry. 4,492,858, 1-8-85, Cl. 250-214.00P.
- Mizokami, Kazunori, to Olympus Optical Co., Ltd. Photometric apparatus for cameras. 4,498,753, 2-12-85, Cl. 354-425.000.
- Mizokami, Kazunori, to Olympus Optical Co., Ltd. Apparatus for controlling the emission of an electronic flash. 4,509,845, 4-9-85, Cl. 354-420.000.
- Mizokami, Kazunori, to Olympus Optical Co., Ltd. Program type automatic exposure controller for use in cameras. 4,512,648, 4-23-85, Cl. 354-443.000.
- Mizokami, Kazunori, to Olympus Optical Co., Ltd. Exposure control circuit for TTL automatic electronic flash. 4,514,074, 4-30-85, Cl. 354-416.000.
- Mizokami, Kazunori, to Olympus Optical Co., Ltd. Indicator for proper or improper exposure by automatic electronic flash. 4,518,237, 5-21-85, Cl. 354-127.100.
- Mizokami, Nobuo: *See—*
  - Tokutake, Kunihiko; Mizokami, Nobuo; and Tanaka, Hiroyuki, 4,510,807, Cl. 73-432.00R.
- Mizokawa, Sadao; Hamada, Takuji; Tomizawa, Hiroshi; and Fushimi, Hitoshi, to Hitachi, Ltd. Loop type data highway system. 4,510,494, 4-9-85, Cl. 340-825.050.
- Mizokawa, Sadao: *See—*
  - Hamada, Takuji; Takahashi, Masahiro; Mizokawa, Sadao; Fushimi, Hitoshi; and Yasumoto, Seiichi, 4,530,085, Cl. 370-15.000.
- Mizokawa, Takumi, to Kabushiki Kaisha Kobe Seiko Sho. Image information synthesizing terminal equipment. 4,530,009, 7-16-85, Cl. 358-183.000.
- Mizokawa, Takumi: *See—*
  - Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.
- Mizoshita, Yoshifumi, to Fujitsu Limited. Magnetic disk unit. 4,562,499, 12-31-85, Cl. 360-98.000.
- Mizrach, Amos: *See—*
  - Feller, Ron; and Mizrach, Amos, 4,515,276, Cl. 209-693.000.
- Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, to Swiss Aluminium Ltd. Process for manufacturing solid cathodes. 4,492,670, 1-8-85, Cl. 419-9.000.
- Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, to Swiss Aluminium Ltd. Process for manufacturing solid cathodes. 4,544,524, 10-1-85, Cl. 419-9.000.
- Mizrahi, Sadi: *See—*
  - Angevine, Philip J.; Oleck, Stephen M.; Wilson, Robert C., Jr.; and Mizrahi, Sadi, 4,519,900, Cl. 208-254.00H.
  - Angevine, Philip J.; Kuhl, Gunter H.; and Mizrahi, Sadi, 4,521,297, Cl. 208-89.000.
- Mizu, Kouichi: *See—*
  - Mori, Takashi; Mizu, Kouichi; and Jo, Yasunori, 4,495,841, Cl. 81-430.000.
- Mizuguchi, Ryuzo: *See—*
  - Ishikura, Shinichi; Yoshioka, Tamotsu; and Mizuguchi, Ryuzo, 4,543,216, Cl. 260-501.120.
  - Kanda, Kazunori; Ishii, Keizou; Kida, Katsuaki; Ishikura, Shinichi; and Mizuguchi, Ryuzo, 4,530,946, Cl. 523-418.000.
  - Yamamoto, Yoshikazu; Mizuguchi, Ryuzo; and Yamada, Yasuyuki, 4,536,474, Cl. 435-42.000.
- Mizuguchi, Shunji: *See—*
  - Tanaka, Minoru; Nakamura, Hideo; and Mizuguchi, Shunji, 4,535,009, Cl. 427-246.000.
- Mizuguchi, Yoshihiko: *See—*
  - Watanabe, Fumio; Mizuguchi, Yoshihiko; and Yamada, Matsuichi, 4,516,128, Cl. 343-761.000.
- Mizuhara, Hisayoshi; Omori, Shigenori; and Tanaka, Akira, to Yoshida Kogyo K.K. Apparatus for shaping coiled slide fastener coupling elements. 4,501,547, 2-26-85, Cl. 425-391.000.
- Mizuhara, Howard, to GTE Products Corporation. Reactive metal-palladium-copper-nickel brazing alloys. 4,497,772, 2-5-85, Cl. 420-457.000.
- Mizuhara, Howard, to GTE Products Corporation. Strip of nickel-iron brazing alloys containing carbon and process. 4,528,247, 7-9-85, Cl. 428-606.000.
- Mizuhara, Howard, to GTE Products Corporation. Thermally insulated piston. 4,531,502, 7-30-85, Cl. 123-668.000.
- Mizuhara, Howard, to GTE Products Corporation. Thermally insulated piston. 4,552,057, 11-12-85, Cl. 92-176.000.
- Mizuhara, Yosuke M.: *See—*
  - Miram, George V.; and Mizuhara, Yosuke M., 4,555,646, Cl. 315-5.350.
- Mizuhata, Teruo: *See—*
  - Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.
- Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, to Mitsui Petrochemical Industries, Ltd. Hydrocarbon resin and modified hydrocarbon resin product thereof. 4,513,130, 4-23-85, Cl. 526-283.000.
- Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, to Mitsui Petrochemical Industries, Ltd. Hydrocarbon resin and modified hydrocarbon resin product thereof. 4,533,700, 8-6-85, Cl. 525-285.000.
- Mizuide, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Differential current distributing circuit. 4,506,170, 3-19-85, Cl. 307-355.000.
- Mizukami, Akihiko; and Shimaya, Tetsushi, to Kyocera Corporation. Device for collecting solar heat. 4,553,530, 11-19-85, Cl. 126-422.000.
- Mizukami, Fujio: *See—*
  - Niwa, Shuichi; Imamura, Juichi; Mizukami, Fujio; Shimizu, Kazuo; and Orito, Yoshio, 4,495,373, Cl. 585-269.000.
- Mizukami, Haruo: *See—*
  - Yamamoto, Katsuyoshi; Mizukami, Haruo; and Nambu, Hajime, 4,520,505, Cl. 382-55.000.
- Mizukami, Masao: *See—*
  - Hayase, Isao; Mizukami, Masao; and Kishi, Atsuo, 4,515,513, Cl. 418-101.000.
- Mizukami, Osamu: *See—*
  - Yoshimura, Isao; Mizukami, Osamu; Hata, Hideo; Kageyama, Junichi; and Kaneko, Takashi, 4,501,634, Cl. 156-244.240.
- Mizukami, Teruo: *See—*
  - Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.
- Mizukami, Yukihiro. Lighter case having windshield. 4,531,906, 7-30-85, Cl. 431-146.000.
- Mizukane, Masahiro: *See—*
  - Suzuki, Shigemi; and Mizukane, Masahiro, 4,512,616, Cl. 308-3.00R.
- Mizukawa, Takumi; Ogino, Yoshio; Ohmori, Hideki; and Sato, Taketoshi, to Matsushita Electric Industrial Co., Ltd. Inverter device for induction heating. 4,555,608, 11-26-85, Cl. 219-10.770.
- Mizuki, Nobuo. Light-shielding protective mask. 4,510,625, 4-16-85, Cl. 2-8.000.
- Mizukoshi, Hiroshi: *See—*
  - Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,526,929, Cl. 525-80.000.
  - Kishida, Kazuo; Hasegawa, Akira; Kawachi, Yasunori; Kawasaki, Hiroshi; and Mizukoshi, Hiroshi, 4,528,330, Cl. 525-85.000.
- Mizukoshi, Katsuro: *See—*
  - Okunaka, Masaaki; Mizukoshi, Katsuro; Hongo, Mikio; and Miyauchi, Tateoki, 4,510,222, Cl. 430-5.000.
- Mizukoshi, Kiyoshi: *See—*
  - Ohno, Sachio; Mizukoshi, Kiyoshi; Komatsu, Osamu; Nagasaka, Mitsuaki; and Nakamura, Yoshiki, 4,496,735, Cl. 546-301.000.
- Mizukoshi, Matsuo: *See—*
  - Sakuma, Takeyuki; Nakamura, Masaji; and Mizukoshi, Matsuo, 4,541,173, Cl. 29-806.000.
- Mizumoto, Masakatsu, to Kabushiki Kaisha Komatsu Seisakusho. Three-dimensional work transfer apparatus. 4,540,087, 9-10-85, Cl. 198-621.000.
- Mizumoto, Muneo: *See—*
  - Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, 4,542,712, Cl. 118-726.000.
  - Yoshioka, Masahiro; Mizumoto, Muneo; and Yamada, Koichiro, 4,560,325, Cl. 417-407.000.
- Mizumoto, Shozo: *See—*
  - Kinoshita, Akemi; Araki, Ken; Nawafune, Hidemi; and Mizumoto, Shozo, 4,541,902, Cl. 204-1.00T.
- Mizumukai, Ken; and Higuchi, Shinichi, to Kayaba Kogyo Kabushiki Kaisha. Strut for McPherson type automobile suspensions. 4,491,339, 1-1-85, Cl. 280-668.000.
- Mizumukai, Ken; Masamura, Tatuya; and Yamanaka, Hiroshi, to Kayaba Kogyo Kabushiki Kaisha. Damping force regulation device for telescope shock absorber. 4,561,524, 12-31-85, Cl. 188-319.000.
- Mizumura, Motoo; and Wada, Kenzo, to Nippon Electric Co., Ltd. Transistorized microwave oscillator of oscillation frequency multiplying type. 4,539,530, 9-3-85, Cl. 331-117.0FE.
- Mizuno, Chiaki: *See—*
  - Ogawa, Hiroshi; Mizuno, Chiaki; Masaki, Kouichi; Suzuki, Masaaki; and Tamai, Yasuo, 4,500,599, Cl. 428-336.000.
  - Ogawa, Hiroshi; Mizuno, Chiaki; and Tamai, Yasuo, 4,510,203, Cl. 428-425.900.
- Mizuno Corporation: *See—*
  - Kawashima, Yukio, 4,490,928, Cl. 36-69.000.
  - Kawashima, Yukio, 4,557,060, Cl. 36-44.000.
  - Nobuta, Yoshiji, 4,536,739, Cl. 340-323.00R.
  - Onoda, Kenji; and Kawasima, Yukio, 4,561,195, Cl. 36-30.00R.
- Mizuno, Fukuzo, to NGK Insulators, Ltd. Ceramic thick film circuit substrate. 4,529,835, 7-16-85, Cl. 174-68.500.
- Mizuno, Haruki: *See—*
  - Mizuno, Shigeru; Suzuki, Masahiko; Mizuno, Haruki; and Katsu, Masutaro, 4,508,567, Cl. 75-231.000.
- Mizuno, Hiroshi; and Ito, Hiroshi, to Toyota Jidosha Kabushiki Kaisha. Method of and system for controlling ignition timing in internal combustion engine. 4,532,902, 8-6-85, Cl. 123-417.000.
- Mizuno, Ichiro; and Sugizaki, Iwao, to Mitutoyo Mfg. Co., Ltd. Displacement measuring instrument. 4,527,336, 7-9-85, Cl. 33-172.00R.
- Mizuno, Kaneyoshi; Nose, Isamu; and Iizuka, Hirosi, to Oki Electric Industry Co., Ltd. Speech recognition system. 4,520,500, 5-28-85, Cl. 381-43.000.
- Mizuno, Katsuya: *See—*
  - Ai, Minoru; Manabe, Akira; Igarashi, Yoshimasa; and Mizuno, Katsuya, 4,493,644, Cl. 433-75.000.
- Mizuno, Kenji: *See—*
  - Onoda, Hiroshi; and Mizuno, Kenji, 4,532,521, Cl. 346-33.00R.

Mizuno, Koji: *See—*

Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takahashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.

Mizuno, Kozo: *See—*

Kazino, Hiroshi; Isomura, Hiroshi; and Mizuno, Kozo, 4,525,912, Cl. 29-243.520.

Mizuno, Kyosuke: *See—*

Kawahara, Tetsuo; Mizokami, Hiroshi; Mizuno, Kyosuke; and Susumi, Sadao, 4,515,714, Cl. 260-112.00R.

Mizuno, Masanori: *See—*

Segawa, Hirohisa; Kitani, Motoe; Shimizu, Takao; and Mizuno, Masanori, 4,560,857, Cl. 219-130.210.

Mizuno, Masao: *See—*

Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.

Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, to Fujitsu Ten Limited; and Toyota Jidosha Kogyo Kabushiki Kaisha. Antenna apparatus for vehicle-mounted receiver/transmitter equipment with automatic antenna length control. 4,506,266, 3-19-85, Cl. 343-715.000.

Mizuno, Masayuki: *See—*

Hayashi, Kiyoshi; Hori, Setsuo; Hirata, Nobuyuki; Kobayashi, Kazuhiro; and Mizuno, Masayuki, 4,557,586, Cl. 355-11.000.

Mizuno, Saburo: *See—*

Nishimura, Shinichi; Mizuno, Saburo; and Miyamoto, Kiyoshi, 4,515,404, Cl. 296-65.00R.

Mizuno, Shigeo; Kubota, Kazuhisa; and Ichikawa, Takahumi, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Slidable contact assembly. 4,547,636, 10-15-85, Cl. 200-61.540.

Mizuno, Shigeo: *See—*

Kanada, Shigeyasu; Mizuno, Shigeo; and Nakano, Yoshio, 4,529,143, Cl. 242-107.000.

Kanada, Shigeyasu; Mizuno, Shigeo; Nakano, Yoshio; and Nishimura, Yuji, 4,546,933, Cl. 242-107.000.

Mizuno, Shigeru; Suzuki, Masahiko; Mizuno, Haruki; and Katsu, Masutaro, to Brother Kogyo Kabushiki Kaisha. Press-molding process for preparing a powder compact. 4,508,567, 4-2-85, Cl. 75-231.000.

Mizuno, Sueo; Mizutani, Katsushi; and Koumura, Masahiko, to Rinnai Kabushiki Kaisha. Water heater. 4,505,253, 3-19-85, Cl. 126-351.000.

Mizuno, Takahide: *See—*

Takano, Hiroshi; Yokoyama, Hiroshi; and Mizuno, Takahide, 4,510,113, Cl. 264-257.000.

Mizuno, Takaji: *See—*

Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, 4,553,018, Cl. 219-130.510.

Mizuno, Takao; Uchikawa, Naoshi; Murayama, Akira; and Tamura, Takahiro, to Hitachi, Ltd. Sealed type electrically operated compressor. 4,518,324, 5-21-85, Cl. 417-366.000.

Mizuno, Takao: *See—*

Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, 4,551,082, Cl. 418-55.000.

Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.

Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, 4,560,330, Cl. 418-55.000.

Tamura, Takahiro; Kuno, Hiroaki; Uchikawa, Naoshi; Murayama, Akira; and Mizuno, Takao, 4,545,747, Cl. 418-55.000.

Mizuno, Takeyuki, to NGK Insulators, Ltd. Method of producing radial type ceramic turbine rotor. 4,550,004, 10-29-85, Cl. 264-63.000.

Mizuno, Toru: *See—*

Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, 4,523,552, Cl. 123-143.00B.

Mizuno, Toshiaki; Omori, Norio; and Kinugawa, Masumi, to Nippondenso Co., Ltd. Fuel injection mode control for multi-cylinder internal combustion engine. 4,528,960, 7-16-85, Cl. 123-478.000.

Mizuno, Toshiaki: *See—*

Abe, Shinichi; Taura, Mitsuharu; Amano, Hidetoshi; and Mizuno, Toshiaki, 4,512,320, Cl. 123-492.000.

Amano, Hidetoshi; Abe, Shinichi; Taura, Mitsuharu; and Mizuno, Toshiaki, 4,543,937, Cl. 123-491.000.

Murakami, Kazuhiro; Yamazoe, Hisamitsu; and Mizuno, Toshiaki, 4,506,639, Cl. 123-339.000.

Ogata, Masami; and Mizuno, Toshiaki, 4,528,956, Cl. 123-440.000.

Takao, Mitsunori; and Mizuno, Toshiaki, 4,508,075, Cl. 123-339.000.

Taura, Mitsuharu; and Mizuno, Toshiaki, 4,535,736, Cl. 123-344.000.

Mizuno, Toshinori: *See—*

Kuraoka, Hiroaki; Mizuno, Toshinori; Matsui, Katsumasa; and Ohba, Masahiro, 4,553,427, Cl. 73-117.300.

Mizuno, Toshio: *See—*

Watanabe, Tatsuo; Ohkawa, Michihisa; and Mizuno, Toshio, 4,553,086, Cl. 324-57.00N.

Mizuno, Toshiya; and Murayama, Naohiro, to Kureha Kagaku Kogyo Kabushiki Kaisha. Vinylidene fluoride resin fiber and process for producing the same. 4,546,158, 10-8-85, Cl. 526-255.000.

Mizuno, Tsuneo; Yoshikawa, Shigeru; and Matsuda, Tadashi, to Fujitsu Limited. Method and circuit for driving an ink jet printer. 4,491,851, 1-1-85, Cl. 346-1.100.

Mizuno, Tsuneo: *See—*

Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, 4,528,575, Cl. 346-140.00R.

Mizuno, William G., to Economics Laboratory, Inc. In-tank toilet bowl cleaner dispenser. 4,491,988, 1-8-85, Cl. 4-228.000.

Mizuno, Yoshikazu; and Ikuma, Akira, to Nippondenso Co., Ltd. Control circuit system for automobiles. 4,532,432, 7-30-85, Cl. 307-10.00R.

Mizuno, Yoshikazu; and Ikuma, Akira, to Nippondenso Co., Ltd. Fail-safe speed control system for motor vehicles. 4,539,642, 9-3-85, Cl. 364-426.000.

Mizuno, Yoshio: *See—*

Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.

Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.

Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, 4,549,201, Cl. 358-13.000.

Mizuno, Yoshiyuki: *See—*

Toyama, Hiroshige; Mizuno, Yoshiyuki; Yamamoto, Yoshimi; and Kato, Mitsuru, 4,560,115, Cl. 242-107.40A.

Mizuno, Yukio: *See—*

Ishido, Takao; Nakao, Masasi; Honya, Takao; and Mizuno, Yukio, 4,519,424, Cl. 139-91.000.

Mizunoya, Nobuyuki; Kohama, Hajime; and Sugiura, Yasuyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Substrate for semiconductor modules and method of manufacture. 4,540,462, 9-10-85, Cl. 156-630.000.

Mizunoya, Nobuyuki: *See—*

Tanaka, Shun-ichiro; Mizunoya, Nobuyuki; and Abe, Shigeo, 4,542,073, Cl. 428-446.000.

Mizunuma, Takehisa; Abe, Seizaburo; Ohno, Jiro; and Kobayashi, Hisashi, to Nippon Steel Corporation. Method for producing a selective absorption sheet of a solar radiation. 4,491,487, 1-1-85, Cl. 148-6.210.

Mizunuma, Yasuyuki: *See—*

Shimizu, Hiroshi; and Mizunuma, Yasuyuki, 4,544,857, Cl. 310-313.00B.

Mizuo, Yasuhiko. Apparatus for manufacturing screened cable. 4,514,971, 5-7-85, Cl. 57-9.000.

Mizuoka, Seishi: *See—*

Miyawaki, Yoshiharu; Hirose, Takeshi; Hamada, Yoneichi; Mizuoka, Seishi; and Tsuru, Masahiro, 4,532,980, Cl. 164-475.000.

Mizusaki, Yoshinobu, to Nisshin Kogyo Kabushiki Kaisha. Diaphragm assembly. 4,542,624, 9-24-85, Cl. 60-535.000.

Mizusawa Industrial Chemicals, Ltd.: *See—*

Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.

Usui, Koichi; Sato, Teiji; and Tanaka, Masanori, 4,527,178, Cl. 346-207.000.

Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.

Mizusawa, Kiyoshi: *See—*

Nakajima, Motoo; Nakamura, Kazuo; Shirokane, Yoshio; and Mizusawa, Kiyoshi, 4,503,147, Cl. 435-25.000.

Mizusawa, Masashi: *See—*

Watanabe, Hiroshi; Shimamura, Isao; Abe, Masao; and Mizusawa, Masashi, 4,526,671, Cl. 204-37.600.

Mizusawa, Mitutoyo; and Fujisawa, Masao, to Nissin Kogyo Kabushiki Kaisha. Brake oil pressure controlling valve device for vehicles. 4,500,138, 2-19-85, Cl. 303-6.00C.

Mizusawa, Mitutoyo; and Fujisawa, Masao, to Nissin Kogyo Kabushiki Kaisha. Device for controlling hydraulic pressure for braking a vehicle. 4,548,445, 10-22-85, Cl. 303-22.00A.

Mizushima, Hiroshi: *See—*

Okabe, Nobuya, and Mizushima, Hiroshi, 4,528,892, Cl. 91-6.000.

Mizushima, Kouji: *See—*

Kanno, Takashi; Oka, Akira; Okamoto, Ituo; Mizushima, Kouji; and Oguro, Shinji, 4,510,552, Cl. 361-413.000.

Mizushima, Kunio: *See—*

Funahashi, Masaya; Inoue, Kenichi; and Mizushima, Kunio, 4,522,885, Cl. 428-422.000.

Mizushima, Yoshihiko: *See—*

Murase, Katsumi; and Mizushima, Yoshihiko, 4,521,794, Cl. 357-2.000.

Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, to Taisho Pharmaceutical Co., Ltd.; and Green Cross Corporation, The. Fat emulsion containing prostaglandin E_1 and method for production thereof. 4,493,847, 1-15-85, Cl. 424-317.000.

Mizushina, Masaaki: *See—*

Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,530,322, Cl. 123-188.0AA.

Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,897, Cl. 123-188.0AA.

  Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,898, Cl. 123-188.0AA.
  Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,556,022, Cl. 123-188.0AA.
Mizuta, Masaji: *See—*
  Taniguchi, Hiroshi; Takita, Nobuhiro; Nomura, Norimasa; and Mizuta, Masaji, 4,527,878, Cl. 354-298.000.
Mizuta, Takemi; and Inoue, Tomohiro, to Sharp Kabushiki Kaisha. Electronic musical instrument. 4,491,049, 1-1-85, Cl. 84-1.010.
Mizutani, Hikaru: *See—*
  Takagi, Hiroyoshi; Amaike, Toshiyuki; and Mizutani, Hikaru, 4,556,153, Cl. 220-334.000.
Mizutani, Hiroshi: *See—*
  Sakurai, Akira; and Mizutani, Hiroshi, 4,519,799, Cl. 604-366.000.
Mizutani, Hiroyuki; and Ochi, Kunihiko, to Aisin Seiki Kabushiki Kaisha. Indicator switch mechanism for automobile transfer gear units. 4,539,447, 9-3-85, Cl. 200-61.910.
Mizutani, Katsushi: *See—*
  Mizuno, Sueo; Mizutani, Katsushi; and Koumura, Masahiko, 4,505,253, Cl. 126-351.000.
Mizutani, Morikazu: *See—*
  Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, 4,551,000, Cl. 355-3.00R.
Mizutani, Shigemitsu: *See—*
  Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, 4,528,085, Cl. 204-416.000.
  Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, 4,555,274, Cl. 148-6.14R.
Mizutani, Shinichi; and Ajiki, Harumi, to Toyota Jidosha Kabushiki Kaisha. Bush mounting equipment with lubricating oil applying mechanism. 4,523,363, 6-18-85, Cl. 29-235.000.
Mizutani, Shoji: *See—*
  Higo, Tsutomu; Mizutani, Shoji; Sawada, Yasuhiro; and Kengaku, Katsumi, 4,507,265, Cl. 422-186.000.
Mizutani, Takayuki: *See—*
  Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,492,850, Cl. 219-145.210.
  Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,555,615, Cl. 219-145.210.
Mizutani, Takeshi: *See—*
  Hirabayashi, Masao; and Mizutani, Takeshi, 4,529,329, Cl. 401-209.000.
  Hirabayashi, Masao; and Mizutani, Takeshi, 4,531,853, Cl. 401-265.000.
Mizutani, Tatsumi; Ohgata, Toshihide; and Komatsu, Hideo, to Hitachi, Ltd. Process for dry etching of aluminum and its alloy. 4,511,429, 4-16-85, Cl. 156-643.000.
Mizutani, Tomihiko: *See—*
  Kozuka, Masayoshi; Mizutani, Tomihiko; and Narita, Kohji, 4,548,843, Cl. 428-31.000.
Mizutani, Toshio: *See—*
  Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.
Mizutani, Yasukazu: *See—*
  Ubukata, Susumu; and Mizutani, Yasukazu, 4,493,066, Cl. 367-178.000.
  Ubukata, Susumu; Mizutani, Yasukazu; and Iyoda, Syozo, 4,510,481, Cl. 337-368.000.
  Ubukata, Susumu; Mizutani, Yasukazu; and Iyoda, Shozo, 4,517,541, Cl. 337-89.000.
  Ubukata, Susumu; and Mizutani, Yasukazu, 4,551,701, Cl. 337-97.000.
Mizutani, Yoshihisa, to Tokyo Shibaura Denki Kabushiki Kaisha. Metal-oxide-semiconductor device with bilayered source and drain. 4,506,279, 3-19-85, Cl. 357-23.110.
Mizzi, John V.: *See—*
  Curtis, Huntington W.; Dodge, Frederick A.; Francis, David B.; and Mizzi, John V., 4,509,530, Cl. 128-710.000.
Mizzi, Pierre M. A., to Engineering Project Development Limited. Hand-held computer. 4,545,023, 10-1-85, Cl. 364-709.000.
Mjoen, Oyvind: *See—*
  Brandsaeter, Helge; Ommundsen, Tor A.; and Mjoen, Oyvind, 4,561,073, Cl. 367-19.000.
MKF Energy Conservation Company: *See—*
  Gordon, James S., 4,532,721, Cl. 34-34.000.
MKS Instruments, Inc.: *See—*
  Ewing, James H., 4,522,058, Cl. 73-202.000.
MKT Geotechnical Systems: *See—*
  Kurylko, George, 4,497,376, Cl. 173-1.000.
MKT-tehtaat Oy: *See—*
  Granberg, Carl-Gustav; and Kauppi, Heikki, 4,509,413, Cl. 99-453.000.
Mladek, Milos: *See—*
  Rajsigl, Zdenek; Mladek, Milos; Blasko, Michal; and Smatana, Josef, 4,513,566, Cl. 57-406.000.
Mlinaric, Jerry; Leary, William; and Mummery, Robert J., to Mlinaric, Jerry; and Leary, William. Lifting device. 4,508,485, 4-2-85, Cl. 414-458.000.
Mlynek, Daniel: *See—*
  Flamm, Peter M.; Mlynek, Daniel; Schmidtpott, Friedrich; and Praxmarer, Alfred, 4,539,583, Cl. 358-27.000.
  Freyberger, Laurin C.; Mlynek, Daniel; and Schmidtpott, Friedrich, 4,523,222, Cl. 358-27.000.
MM Systems Corporation: *See—*
  Attaway, Julian J., 4,512,127, Cl. 52-288.000.
  Attaway, Julian J., 4,545,162, Cl. 52-255.000.
Mnekin, Ravil V.: *See—*
  Uretsky, Yan S.; Mnekin, Ravil V.; Rygalin, Viktor G.; Grechinsky, Dmitry A.; and Klochko, Viktor A., 4,493,213, Cl. 73-664.000.
Mo och Domsjo Aktiebolag: *See—*
  Bergstrom, John R., 4,508,593, Cl. 162-29.000.
  Lindahl, Jonas A. I.; and Bergstrom, John R., 4,537,656, Cl. 162-38.000.
  Samuelson, Hans O., 4,561,936, Cl. 162-45.000.
Moates, Roger D., to Westinghouse Electric Corp. Matrix encoder for sensor arrays. 4,536,762, 8-20-85, Cl. 340-870.020.
Moban B.V.: *See—*
  Schimmelpennink, Laurens M. H.; and Spaanenburg, Lambertus, 4,524,288, Cl. 307-40.000.
Mobay Chemical Corporation: *See—*
  Baron, Arthur L.; and Krishnan, Sivaram, 4,515,937, Cl. 528-204.000.
  Carter, Russell P., Jr., 4,510,196, Cl. 428-220.000.
  Chung, James Y. J.; and Rosthauser, James W., 4,522,979, Cl. 525-66.000.
  Chung, James Y. J.; Neuray, Dieter; and Witman, Mark W., 4,554,314, Cl. 525-67.000.
  Chung, James Y. J.; Carter, Russell P., Jr.; and Neuray, Dieter, 4,554,315, Cl. 525-67.000.
  Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,156, Cl. 260-453.0SP.
  Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,157, Cl. 260-453.0SP.
  Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,158, Cl. 260-453.0SP.
  Ellis Margaret D.; Ferencz, Richard L.; and Kalz, Dietmar, 4,537,991, Cl. 564-133.000.
  Flatt, Thomas R., 4,493,734, Cl. 106-309.000.
  Kriek, George R.; Chung, James Y. J.; Reinert, Gerard E.; and Neuray, Dieter, 4,542,177, Cl. 524-98.000.
  Krishnan, Sivaram; and Sanderson, John R., 4,539,384, Cl. 528-79.000.
  Krishnan, Sivaram; and Sanderson, John R., 4,558,162, Cl. 568-48.000.
  Markusch, Peter H.; Rosthauser, James W.; and Beatty, Michael C., 4,501,852, Cl. 524-591.000.
  Markusch, Peter H.; Kelso, Robert G.; and Schmitt, Peter D., 4,518,522, Cl. 252-188.310.
  Morris, Susan M.; Thomas, Thomas J.; and Kalz, Dietmar, 4,549,980, Cl. 252-301.230.
  Price, Ronald L.; Witman, Mark W.; and Krishnan, Sivaram, 4,535,143, Cl. 528-174.000.
  Radovich, David A.; and Lowery, Michael K., 4,546,122, Cl. 521-164.000.
  Rawlings, Herbert L., 4,533,679, Cl. 523-204.000.
  Rosthauser, James W., 4,522,851, Cl. 427-386.000.
  Sanderson, John R.; and Krishnan, Sivaram, 4,497,947, Cl. 528-174.000.
  Schmidt, Manfred; Witman, Mark W.; Reinert, Gerard E.; and Lim, In C., 4,500,653, Cl. 521-90.000.
  Szabat, John F., 4,546,117, Cl. 521-107.000.
  Taylor, Ronald P.; Cekoric, Mark E.; Dewhurst, John E.; and Abouzahr, Saad M., 4,519,965, Cl. 264-51.000.
  Thiem, Karl W.; and Vanderpool, Daniel P., 4,552,981, Cl. 564-146.000.
  Tideswell, Richard B.; Nodelman, Neil H.; and Phillips, Barry A., 4,544,679, Cl. 521-116.000.
  Wenzel, Wolfgang D.; and Carmosino, Michael N., 4,496,678, Cl. 524-157.000.
  Witman, Mark W.; and Reinert, Gerard E., 4,506,047, Cl. 524-89.000.
  Witman, Mark W., 4,515,921, Cl. 525-67.000.
  Yeater, Robert P., 4,525,575, Cl. 528-301.000.
  Yeater, Robert P.; Pantone, Richard S.; and Rieck, James N., 4,551,498, Cl. 524-424.000.
Mobeck, William L.: *See—*
  Carlin, John A.; Mesch, William G., Mobeck, William L.; Thompson, Randall D.; Henthorn, Jules B.; and Lopez, Benjamin L., 4,551,719, Cl. 340-825.360.
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Moberg, Kurt E. L. Device for simulating the report effect of a blank cartridge when firing small arms. 4,521,195, 6-4-85, Cl. 434-16.000.
Moberg, Kurt E. L., to Karl Ove Nyberg. Compressed air coupling. 4,546,956, 10-15-85, Cl. 251-149.600.
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Moberg, William K., to Du Pont de Nemours, E. I., and Company. Fungicidal 1,2,4-triazole derivatives. 4,510,136, 4-9-85, Cl. 514-63.000.
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- Agrawal, Anil K.; Saunders, Stephen W.; and Weckesser, George J., 4,559,204, Cl. 423-167.000.
- Albinson, Kenneth R.; and Child, Jonathan E., 4,554,065, Cl. 208-59.000.
- Allen, Linus S.; and Mills, William R., 4,556,793, Cl. 250-267.000.
- Anderson, James J., 4,521,547, Cl. 521-137.000.
- Anderson, Thomas L.; and Herrington, F. John, 4,553,370, Cl. 53-117.000.
- Andress, Harry J.; and Ashjian, Henry, 4,522,736, Cl. 252-51.50A.
- Angevine, Philip J.; Oleck, Stephen M.; Wilson, Robert C., Jr.; and Mizrahi, Sadi, 4,519,900, Cl. 208-254.00H.
- Angevine, Philip J.; Kuhl, Gunter H.; and Mizrahi, Sadi, 4,521,297, Cl. 208-89.000.
- Anthes, Robert J.; and Kremer, Ross A., 4,532,033, Cl. 209-166.000.
- Audeh, Costandi A., 4,499,949, Cl. 166-260.000.
- Audeh, Costandi A., 4,500,414, Cl. 208-11.00R.
- Audeh, Costandi A., 4,514,378, Cl. 423-18.000.
- Audeh, Costandi A.; and Mitchell, Thomas O., 4,518,480, Cl. 208-11.0LE.
- Audeh, Costandi A., 4,536,279, Cl. 208-11.00R.
- Audeh, Costandi A., 4,552,725, Cl. 422-140.000.
- Avidan, Amos A.; and Kam, Anthony Y., 4,513,160, Cl. 585-640.000.
- Avidan, Amos A.; Gould, Ronald M.; and Kane, Steven E., 4,547,616, Cl. 585-640.000.
- Baggett, Gary P.; Peterson, Robert D.; and Penner, Wayne A., 4,545,026, Cl. 364-724.000.
- Beasley, Roy D.; and LaGrone, James H., 4,495,803, Cl. 73-151.000.
- Benoit, Gordon L., 4,554,192, Cl. 428-35.000.
- Blackburn, Gary R.; Mackerer, Carl R.; and Schreiner, Ceinwen A., 4,499,187, Cl. 435-34.000.
- Blair, Ron B., 4,559,620, Cl. 367-78.000.
- Boston, William G.; and Strong, Robert T., 4,539,102, Cl. 209-38.000.
- Bowden, Edgar A.; Deline, Gordon R.; and Koeijmans, Gerard D., 4,511,999, Cl. 367-23.000.
- Bowden, Edgar A.; and Przybyl, Robert V., 4,514,770, Cl. 360-69.000.
- Bowden, Edgar A., 4,519,011, Cl. 360-137.000.
- Bowden, Edgar A., 4,546,318, Cl. 324-376.000.
- Bowes, Emmerson, 4,547,485, Cl. 502-314.000.
- Bowes, Emmerson; Farcasiu, Malvina; and Scott, Eric J. Y., 4,548,709, Cl. 208-213.000.
- Boyd, Dana M.; Colombo, Edward A.; and Lashway, William H., 4,533,578, Cl. 428-35.000.
- Boyd, Dana M., 4,558,463, Cl. 383-75.000.
- Braid, Milton; and Horodysky, Andrew G., 4,507,216, Cl. 252-49.600.
- Braid, Milton; and Landis, Phillip S., 4,509,956, Cl. 44-68.000.
- Braid, Milton, 4,519,928, Cl. 252-50.000.
- Braid, Milton; and Landis, Phillip S., 4,536,192, Cl. 44-68.000.
- Braid, Milton, deceased, 4,530,770, Cl. 252-49.600.
- Braid, Milton, deceased, 4,547,302, Cl. 252-48.400.
- Braid, Milton, deceased, 4,551,259, Cl. 252-48.200.
- Bridger, Robert F., 4,548,725, Cl. 252-56.00R.
- Byham, Don E., 4,502,540, Cl. 166-274.000.
- Calvert, Robert B.; and Rollmann, Louis D., 4,495,166, Cl. 423-329.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,500,421, Cl. 208-116.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,513,091, Cl. 502-71.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,515,682, Cl. 208-111.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,524,140, Cl. 502-61.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,530,756, Cl. 208-111.000.
- Chang, Clarence D.; Penick, Joe E.; and Socha, Richard F., 4,542,247, Cl. 585-254.000.
- Chang, Clarence D., 4,543,434, Cl. 585-310.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,544,783, Cl. 585-469.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,550,092, Cl. 502-71.000.
- Chang, Clarence D.; and Chu, Cynthia T. W., 4,554,396, Cl. 585-531.000.
- Chang, Clarence D.; and Miale, Joseph N., 4,559,315, Cl. 502-71.000.
- Chao, Paul K.; Knob, Kevin J.; and Yurchak, Sergei, 4,544,781, Cl. 585-408.000.
- Chen, Nai Y.; Haag, Werner O.; Huang, Tracy J.; and Wong, Stephen S., 4,500,417, Cl. 208-111.000.
- Chen, Nai Y.; and Koenig, Leonard R., 4,503,278, Cl. 585-469.000.
- Chen, Nai Y.; and Miale, Joseph N., 4,515,892, Cl. 435-161.000.
- Chen, Nai Y.; and Koenig, Leonard R., 4,549,031, Cl. 585-408.000.
- Cheruvu, Subrahmanyam, 4,556,545, Cl. 423-167.000.
- Chester, Arthur W.; Garwood, William E.; and Schwartz, Albert B., 4,517,399, Cl. 585-533.000.
- Chester, Arthur W.; and Chu, Yung-Feng, 4,522,929, Cl. 502-77.000.
- Chester, Arthur W.; Chou, Tai-Sheng; and Chu, Yung-Feng, 4,523,047, Cl. 585-322.000.
- Chester, Arthur W.; Garwood, William E.; Lucki, Stanley J.; and Tabak, Samuel A., 4,524,232, Cl. 585-517.000.
- Chester, Arthur W.; and Murray, James G., 4,526,942, Cl. 526-130.000.
- Chew, Ju-Nam; and Savins, Joseph G., 4,533,084, Cl. 241-1.000.
- Chiang, Alan W., 4,560,712, Cl. 523-220.000.
- Chibnik, Sheldon, 4,495,076, Cl. 252-38.000.
- Chibnik, Sheldon, 4,498,908, Cl. 44-71.000.
- Chibnik, Sheldon, 4,524,007, Cl. 252-56.00R.
- Chu, Chin-Chiun, 4,496,662, Cl. 502-183.000.
- Chu, Chin-Chiun, 4,503,163, Cl. 502-183.000.
- Chu, Chin-Chiun, 4,504,594, Cl. 502-184.000.
- Chu, Chin-Chiun, 4,532,226, Cl. 502-71.000.
- Chu, Chin-Chiun, 4,548,914, Cl. 502-85.000.
- Chu, Chin-Chiun, 4,560,818, Cl. 585-443.000.
- Chu, Chin-Chiun, 4,560,819, Cl. 585-445.000.
- Chu, Pochen; Huss, Albin, Jr.; and Vartuli, James C., 4,497,786, Cl. 423-329.000.
- Chu, Pochen; and Dwyer, Francis G., 4,513,092, Cl. 502-71.000.
- Chu, Pochen; and Pasquale, Gary M., 4,522,705, Cl. 208-120.000.
- Chu, Pochen; and Kuhl, Gunter [illegible] 4,5[illegible]880, Cl. 502-71.000.
- Chu, Pochen; and Kuehl, Guenter H., 4,5[illegible]7,758, Cl. 423-329.000.
- Chu, Pochen, 4,549,956, Cl. 208-[illegible]0.000.
- Chu, Pochen, 4,550,218, Cl. 585-4[illegible].
- Chung, Harold S.; and Dickert, Jo[illegible], Jr., 4,512,872, Cl. 208-11.0LE.
- Clayton, William J., 4,519,095, Cl. 383-86.000.
- Clayton, William J., 4,539,237, Cl. 428-40.000.
- Clayton, William J., 4,546,515, Cl. 15-209.00C.
- Clinton, John D.; and Reusswig, Gerhard H., 4,504,172, Cl. 405-217.000.
- Clishem, James A.; Dennis, Charles L.; and Zemanek, Joseph, Jr., 4,542,488, Cl. 367-35.000.
- Collins, Gregory P., 4,536,271, Cl. 204-192.00E.
- Collins, John W., 4,545,426, Cl. 165-95.000.
- Cook, Evin L., 4,498,537, Cl. 166-257.000.
- Cook, John E.; Hagerty, Robert O.; and Jacob, Frederick W., 4,547,555, Cl. 526-60.000.
- Cormier, William E., Jr.; Pasquale, Gary M.; and Stover, William A., 4,508,840, Cl. 502-70.000.
- Cullick, Alvin S.; and Warner, Bert J., 4,530,234, Cl. 73-53.000.
- Daviduk, Nicholas; Owen, Hartley; and Wright, Bernard S., 4,544,788, Cl. 585-501.000.
- Davis, Aaron J., 4,509,150, Cl. 367-76.000.
- Degnan, Thomas F.; and Partridge, Randall D., 4,498,976, Cl. 208-120.000.
- Degnan, Thomas F.; and Farcasiu, Malvina, 4,550,090, Cl. 502-25.000.
- Dessau, Ralph M., 4,510,045, Cl. 208-111.000.
- Dessau, Ralph M.; and Kerr, George T., 4,517,075, Cl. 208-111.000.
- Dessau, Ralph M., 4,517,402, Cl. 585-820.000.
- Dessau, Ralph M., 4,547,609, Cl. 585-517.000.
- Dessau, Ralph M., 4,554,262, Cl. 502-62.000.
- Dion, Eric P., 4,507,613, Cl. 324-340.000.
- Dion, Eric P., 4,523,149, Cl. 324-377.000.
- Dion, Eric P., 4,546,252, Cl. 250-252.100.
- Donaldson, Jack J., 4,536,362, Cl. 264-171.000.
- Dwyer, Francis G.; and Chu, Pochen, 4,526,879, Cl. 502-71.000.
- Dwyer, Francis G., 4,556,477, Cl. 208-111.000.
- Eichbauer, George N.; and LeBlanc, Beth A., 4,518,654, Cl. 428-331.000.
- Espenscheid, Wilton F., 4,522,626, Cl. 44-1.00R.
- Fitch, John L.; and Mullins, Lynn D., 4,510,997, Cl. 166-263.000.
- Fitch, John L.; and Strubhar, Malcolm K., 4,515,214, Cl. 166-250.000.
- Forbus, Nancy P.; and Kaeding, Warren W., 4,504,690, Cl. 585-466.000.
- Forbus, Nancy P., 4,547,618, Cl. 585-660.000.
- Forbus, Nancy P.; and Kaeding, Warren W., 4,554,394, Cl. 585-474.000.
- Forman, Edward W.; and Kozlowski, Mark F., 4,541,583, Cl. 242-56.00A.
- Fowles, Patrick E.; and Yan, Tsoung-Yuan, 4,524,227, Cl. 585-408.000.
- Fowles, Patrick E.; and Yan, Tsoung-Yuan, 4,524,228, Cl. 585-408.000.
- Fowles, Patrick E.; and Yan, Tsoung-Yuan, 4,524,231, Cl. 585-469.000.
- Frangatos, Gerassimos, 4,536,312, Cl. 252-47.500.
- Frick, John P., 4,527,815, Cl. 285-55.000.
- Garwood, William E.; and Schoennagel, Hans J., 4,547,613, Cl. 585-533.000.
- Garwood, William E.; Kuo, James C.; Jacob, Solomon M.; and Wise, John J., 4,549,396, Cl. 60-39.020.
- Gilbert, Clark J.; Hassialis, Menelaos D.; Scrymgeour, Andrew H.; and Vera, Samuel I., 4,512,610, Cl. 299-13.000.
- Goldstein, Theodore, 4,491,411, Cl. 356-30.000.
- Goldstein, Theodore P., 4,495,041, Cl. 204-158.00R.
- Goldstein, Theodore P., 4,543,178, Cl. 209-2.000.
- Gould, Ronald M.; and Yurchak, Sergei, 4,523,046, Cl. 585-322.000.
- Gould, Ronald M.; and Tabak, Samuel A., 4,543,435, Cl. 585-330.000.
- Graziani, Kenneth R.; and Sapre, Ajit V., 4,542,252, Cl. 585-640.000.
- Graziani, Kenneth R.; and Sapre, Ajit V., 4,550,217, Cl. 585-324.000.
- Gross, Benjamin; Haddad, James H.; and Malladi, Madhava, 4,541,921, Cl. 208-164.000.

Grosz, Edward G.; and Herrington, F. John, 4,527,751, Cl. 242-75.510.
Gunesin, Binnur Z.; and Kawczak, Alex W., 4,503,187, Cl. 525-71.000.
Gunesin, Binnur Z., 4,539,371, Cl. 525-98.000.
Gust, Lawrence J.; O'Sullivan, Eileen F.; and Wood, Ronald C., Jr., 4,533,509, Cl. 264-171.000.
Haag, Werner O.; Olson, David H.; and Rodewald, Paul G., 4,508,836, Cl. 502-53.000.
Haase, Donald A., 4,555,015, Cl. 206-0.500.
Haddad, James H.; Owen, Hartley; and Schatz, Klaus W., 4,502,947, Cl. 208-161.000.
Haddad, James H.; and Schatz, Klaus W., 4,504,291, Cl. 55-319.000.
Hagerty, Robert O.; Petsche, Irena B.; and Schurzky, Kenneth G., 4,562,169, Cl. 502-107.000.
Hartman, Kathy J.; and Shu, Winston R., 4,503,911, Cl. 166-272.000.
Hartman, Kathy J.; and Shu, Winston R., 4,530,401, Cl. 166-303.000.
Heiba, El-Ahmadi I.; and Williams, Albert L., 4,539,127, Cl. 252-47.500.
Heilweil, Israel J., 4,498,994, Cl. 252-8.50M.
Heilweil, Israel J., 4,514,310, Cl. 252-8.55R.
Herrington, F. John, 4,519,146, Cl. 34-104.000.
Herrington, F. John, 4,532,652, Cl. 383-103.000.
Herrington, F. John, Jr., 4,512,476, Cl. 206-554.000.
Herrington, Fox J., 4,561,109, Cl. 383-65.000.
Herrington, Fox J., Jr., 4,513,559, Cl. 53-429.000.
Hoehn, Gustave L., Jr., 4,542,600, Cl. 37-195.000.
Hohensang, Lutz, 4,495,417, Cl. 250-343.000.
Holden, M. James, 4,533,585, Cl. 428-116.000.
Holland, Robert E.; and Tabak, Samuel A., 4,547,601, Cl. 585-310.000.
Hopkins, Daniel N.; and Snavely, Earl S., 4,522,263, Cl. 166-272.000.
Horodysky, Andrew G.; and Kaminski, Joan M., 4,492,640, Cl. 252-46.300.
Horodysky, Andrew G., 4,492,642, Cl. 252-49.600.
Horodysky, Andrew G., 4,511,482, Cl. 252-34.000.
Horodysky, Andrew G.; and Landis, Phillip S., 4,522,629, Cl. 44-53.000.
Horodysky, Andrew G.; and Herd, Richard S., 4,522,632, Cl. 44-72.000.
Horodysky, Andrew G.; Ashjian, Henry; and Gawel, Henry A., 4,522,734, Cl. 252-49.600.
Horodysky, Andrew G., 4,524,004, Cl. 252-32.70E.
Horodysky, Andrew G., 4,524,005, Cl. 252-49.600.
Horodysky, Andrew G., 4,529,528, Cl. 252-49.600.
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Horodysky, Andrew G.; and Herd, Richard S., 4,532,056, Cl. 252-49.600.
Horodysky, Andrew G.; and Landis, Phillip S., 4,532,057, Cl. 252-49.800.
Horodysky, Andrew G.; and Kaminski, Joan M., 4,534,872, Cl. 252-32.70E.
Horodysky, Andrew G.; and Landis, Phillip S., 4,536,306, Cl. 252-32.70E.
Horodysky, Andrew G., 4,536,307, Cl. 252-32.70E.
Horodysky, Andrew G.; and Kaminski, Joan M., 4,536,309, Cl. 252-33.000.
Horodysky, Andrew G., 4,536,311, Cl. 252-51.50A.
Horodysky, Andrew G.; and Herd, Richard S., 4,537,692, Cl. 252-49.600.
Horodysky, Andrew G., 4,537,694, Cl. 252-51.50A.
Horodysky, Andrew G.; and Gemmill, Robert M., Jr., 4,541,941, Cl. 252-49.600.
Horodysky, Andrew G., 4,541,942, Cl. 252-49.600.
Horodysky, Andrew G.; and Kaminski, Joan M., 4,545,915, Cl. 252-515.00R.
Horodysky, Andrew G., 4,549,974, Cl. 252-33.600.
Horodysky, Andrew G., 4,549,975, Cl. 252-49.600.
Horodysky, Andrew G.; and Landis, Phillip S., 4,549,976, Cl. 252-49.800.
Horodysky, Andrew G., 4,551,257, Cl. 252-32.70E.
Horodysky, Andrew G., 4,552,569, Cl. 44-71.000.
Horodysky, Andrew G.; and Landis, Phillip S., 4,555,353, Cl. 252-49.600.
Horodysky, Andrew G.; and Gemmill, Robert M., Jr., 4,556,497, Cl. 252-51.50A.
Horodysky, Andrew G., 4,557,844, Cl. 252-49.900.
Horodysky, Andrew G.; and Landis, Phillip S., 4,557,845, Cl. 252-49.900.
Hoskin, Dennis H., 4,515,701, Cl. 252-8.55D.
Hsia Chen, Catherine S., 4,520,221, Cl. 585-517.000.
Hsia, Chung H.; Owen, Hartley; and Wright, Bernard S., 4,506,106, Cl. 585-312.000.
Hsia, Chung-hweng; Owen, Hartley; and Wright, Bernard S., 4,504,691, Cl. 585-519.000.
Huffhines, Donald F.; and Roach, Robert E., 4,549,499, Cl. 114-244.000.
Islip, Philip N.; and Shu, Winston R., 4,513,819, Cl. 166-263.000.
Johnson, David E., 4,526,074, Cl. 83-97.000.
Johnson, David E.; and Myers, Donald W., 4,545,714, Cl. 414-30.000.
Jones, Timothy A.; and Snavely, Earl S., Jr., 4,499,059, Cl. 423-226.000.
Krambeck, Frederick J.; McGovern, Stephen J.; and Sauer, John E., 4,555,328, Cl. 208-157.000.
Kremer, Ross A.; and Saunders, Stephen W., 4,514,288, Cl. 209-5.000.
Kresge, Charles T.; Krishnamurthy, Sowmithri; and McHale, William D., 4,493,764, Cl. 208-138.000.
Kresge, Charles T.; McWilliams, John P.; Vartuli, James C.; and Nicoletti, Michael P., 4,547,605, Cl. 585-467.000.
Krishnamurthy, Sowmithri; Landolt, George R.; and Schoennagel, Hans J., 4,518,708, Cl. 502-230.000.
Krishnamurthy, Sowmithri, 4,555,495, Cl. 502-50.000.
Krutchen, Charles M.; and Wu, Wen-Pao, 4,532,263, Cl. 521-133.000.
Krutchen, Charles M.; and Wu, Wen-Pao, 4,535,100, Cl. 521-180.000.
Kuehl, Guenter H., 4,495,303, Cl. 502-62.000.
Kuhl, Gunter H., 4,552,739, Cl. 423-328.000.
Kuhl, Gunter H., 4,559,213, Cl. 423-329.000.
Langrock, Donald G., 4,546,721, Cl. 114-230.000.
LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Steven S., 4,501,926, Cl. 585-739.000.
LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Stephen S., 4,518,485, Cl. 208-89.000.
LaPierre, Rene B.; and Partridge, Randall D., 4,541,919, Cl. 208-111.000.
Le, Quang N.; and Neuman, Daniel J., 4,501,652, Cl. 208-57.000.
Lenhardt, Wilfred K., 4,538,248, Cl. 367-25.000.
Lenhardt, Wilfried K., 4,523,303, Cl. 367-20.000.
Lu, Pang-Chia, 4,505,961, Cl. 428-35.000.
Lu, Pang-Chia, 4,505,962, Cl. 428-35.000.
Lyle, W. D., Jr.; and Gournay, Luke S., 4,517,836, Cl. 73-152.000.
Lyle, W. D., Jr., 4,535,625, Cl. 73-152.000.
Lyman, Dale E.; and Anderson, James J., 4,512,932, Cl. 260-990.000.
Marks, Charles E., 4,551,238, Cl. 208-340.000.
McMillen, James M., 4,519,454, Cl. 166-303.000.
McMillen, James M., 4,531,586, Cl. 166-305.00R.
McMillen, James M.; and Mullins, Lynn D., 4,560,003, Cl. 166-305.100.
Miale, Joseph N.; and Chang, Clarence D., 4,500,418, Cl. 208-114.000.
Miale, Joseph N.; and Chang, Clarence D., 4,500,419, Cl. 208-115.000.
Miale, Joseph N.; and Chang, Clarence D., 4,500,420, Cl. 208-116.000.
Miale, Joseph N.; and Chang, Clarence D., 4,500,422, Cl. 208-117.000.
Miale, Joseph N.; and Chang, Clarence D., 4,512,876, Cl. 208-114.000.
Miale, Joseph N.; and Chang, Clarence D., 4,538,014, Cl. 585-408.000.
Miale, Joseph N.; and Chang, Clarence D., 4,538,015, Cl. 585-408.000.
Miale, Joseph N.; and Chang, Clarence D., 4,538,016, Cl. 585-408.000.
Miale, Joseph N.; and Chang, Clarence D., 4,540,840, Cl. 585-640.000.
Miale, Joseph N.; and Chang, Clarence D., 4,540,841, Cl. 585-640.000.
Miale, Joseph N., 4,559,131, Cl. 208-111.000.
Mier, Marjory A., 4,533,577, Cl. 428-35.000.
Miller, Henry W., 4,518,042, Cl. 166-347.000.
Morris, Kenneth L., 4,510,641, Cl. 15-118.000.
Murray, James G., 4,497,883, Cl. 429-194.000.
Murray, James G., 4,503,117, Cl. 428-311.700.
Murray, James G., 4,524,184, Cl. 525-314.000.
Nevel, Donald E., 4,531,400, Cl. 73-12.000.
Nichols, Dean P., 4,501,328, Cl. 166-288.000.
Odeh, Aziz S.; and Dotson, Billy J., 4,493,369, Cl. 166-261.000.
Okorodudu, Abraham O. M., 4,532,084, Cl. 260-978.000.
Oleck, Stephen M.; and Wilson, Robert C., Jr., 4,508,615, Cl. 208-89.000.
Oleck, Stephen M.; and Wilson, Robert C., Jr., 4,510,043, Cl. 208-97.000.
Oleck, Stephen M.; and Wilson, Robert C., Jr., 4,510,044, Cl. 208-111.000.
Oleck, Stephen M.; Le, Quang N.; and Neuman, Daniel J., 4,539,101, Cl. 208-251.00H.
Olson, Robert H., 4,529,636, Cl. 428-40.000.
Otto, John B., Jr.; and Paul, James M., 4,536,034, Cl. 299-5.000.
Ottsen, Henning; and Barker, Thruburn, 4,513,401, Cl. 367-19.000.
Owen, Hartley; Tabak, Samuel A.; and Wright, Bernard S., 4,520,215, Cl. 585-255.000.
Owen, Hartley; Haddad, James H.; and Zahner, John C., 4,561,966, Cl. 208-11.00R.
Pann, Keh, 4,503,527, Cl. 367-53.000.
Park, Hee C.; and Ashcraft, Charles R., 4,496,620, Cl. 428-323.000.
Park, Hee C., 4,560,614, Cl. 428-317.900.
Pelrine, Bruce P., 4,560,670, Cl. 502-26.000.
Penick, Joe E., 4,523,987, Cl. 208-157.000.
Penick, Joe E., 4,550,012, Cl. 422-106.000.
Peterson, Robert D.; and Penner, Wayne A., 4,553,133, Cl. 340-347.0DD.
Phelps, Craig H.; and Sampath, Krishnaswamy, 4,531,404, Cl. 73-38.000.

Prader, Randolph D.; Benoit, Gordon L.; and Maddock, Robert T., 4,493,419, Cl. 206-554.000.
Prior, Maurice; and Quigley, M. Scott, 4,501,143, Cl. 73-153.000.
Prior, Maurice, 4,510,800, Cl. 73-153.000.
Quigley, M. Scott; and Russell, Gordon A., 4,510,801, Cl. 73-153.000.
Rafipour, Bijan J., 4,554,647, Cl. 367-48.000.
Ramella, Amilcare; and Wang, Hsin-Ju, 4,551,228, Cl. 208-65.000.
Rankel, Lillian A.; and Valyocsik, Ernest W., 4,500,503, Cl. 423-329.000.
Rankel, Lillian A.; and Shu, Paul, 4,530,757, Cl. 208-251.00R.
Reimann, George J., 4,526,639, Cl. 156-182.000.
Reimann, George J., 4,560,067, Cl. 206-554.000.
Rhynard, Donald L., 4,513,606, Cl. 73-61.00R.
Robertson, Arthur B., 4,525,395, Cl. 428-35.000.
Rohn, Charles L., 4,551,514, Cl. 526-348.100.
Rollmann, Louis D., 4,536,282, Cl. 208-120.000.
Rosinski, Edward J.; and Schwartz, Albert B., 4,521,298, Cl. 208-120.000.
Rosinski, Edward J.; Schwartz, Albert B.; and Dwyer, Francis G., 4,552,648, Cl. 208-120.000.
Rubin, Mae K., 4,552,738, Cl. 423-328.000.
Rubin, Mae K., 4,554,145, Cl. 423-328.000.
Rudnick, Leslie R., 4,493,762, Cl. 208-11.00R.
Rudnick, Leslie R., 4,539,096, Cl. 208-11.00R.
Ruehle, William H., 4,509,149, Cl. 367-27.000.
Russell, Gordon A., 4,519,592, Cl. 269-25.000.
Saliger, Kenneth C., 4,534,585, Cl. 285-92.000.
Saliger, Kenneth C., 4,544,036, Cl. 166-341.000.
Saliger, Kenneth C., 4,555,118, Cl. 277-188.00R.
Savins, Joseph G., 4,496,012, Cl. 175-65.000.
Savins, Joseph G., 4,522,628, Cl. 44-1.0SR.
Schmitt, Kirk D., 4,504,622, Cl. 525-61.000.
Schmitt, Kirk D., 4,517,128, Cl. 260-458.00C.
Schmitt, Kirk D., 4,528,383, Cl. 549-78.000.
Schmitt, Kirk D., 4,529,522, Cl. 252-8.50A.
Schmitt, Kirk D., 4,545,911, Cl. 252-8.50A.
Schmitt, Kirk D., 4,545,912, Cl. 252-8.55D.
Schmitt, Kirk D., 4,555,488, Cl. 436-27.000.
Schmitt, Kirk D., 4,555,489, Cl. 436-27.000.
Schwab, Frederick C., 4,535,129, Cl. 525-316.000.
Sharps, Gordon V., Jr., 4,496,413, Cl. 156-244.130.
Sharps, Gordon V., Jr., 4,519,860, Cl. 156-161.000.
Sharps, Gordon V., Jr., 4,522,675, Cl. 156-244.110.
Sharps, Gordon V., Jr., 4,522,854, Cl. 428-43.000.
Shih, Stuart S., 4,549,955, Cl. 208-59.000.
Shihabi, David S., 4,559,314, Cl. 502-71.000.
Shim, Joosup, 4,511,481, Cl. 252-32.500.
Shu, Paul; and Yan, Tsoung Y., 4,504,377, Cl. 208-75.000.
Shu, Winston R., 4,503,910, Cl. 166-263.000.
Shu, Winston R., 4,513,821, Cl. 166-273.000.
Sidhwa, Feroze J., 4,506,263, Cl. 340-856.000.
Smith, Fritz A.; and Tabak, Samuel A., 4,544,792, Cl. 585-533.000.
Soeiinah, Edy, 4,549,431, Cl. 73-151.000.
Stowe, Lawrence R.; and Johnson, Warren F., 4,548,252, Cl. 166-299.000.
Stowe, Lawrence R.; and Strubhar, Malcolm K., 4,549,608, Cl. 166-280.000.
Strom, E. Thomas, 4,532,218, Cl. 436-82.000.
Suek, Edmond L., 4,507,435, Cl. 525-86.000.
Tabak, Samuel A.; Wright, Bernard S.; and Owen, Hartley, 4,504,693, Cl. 585-520.000.
Tabak, Samuel A., 4,513,156, Cl. 585-329.000.
Tabak, Samuel A., 4,547,602, Cl. 585-314.000.
Tabak, Samuel A., 4,547,612, Cl. 585-533.000.
Tabak, Samuel A., 4,560,536, Cl. 422-116.000.
Tabak, Samuel A., 4,560,537, Cl. 422-190.000.
Toon, Michael B., 4,536,199, Cl. 55-67.000.
Tsao, Ying-Yen P., 4,513,098, Cl. 502-216.000.
Tsao, Ying-Yen P.; and Wong, Stephen S., 4,532,225, Cl. 502-62.000.
Tsui, Tien-Fung, 4,528,090, Cl. 209-2.000.
Uhri, Duane C., 4,527,836, Cl. 299-17.000.
Valyocsik, Ernest W., 4,531,012, Cl. 564-295.000.
Valyocsik, Ernest W., 4,539,193, Cl. 423-328.000.
Valyocsik, Ernest W., 4,556,549, Cl. 423-326.000.
Valyocsik, Ernest W.; and Derouane, Eric G., 4,557,917, Cl. 423-328.000.
Valyocsik, Ernest W., 4,562,166, Cl. 502-62.000.
Venkat, Chaya; and Walsh, Dennis E., 4,494,961, Cl. 44-57.000.
Venkat, Chaya; and Walsh, Dennis E., 4,549,815, Cl. 374-8.000.
Venkatesan, Valadi N., 4,523,642, Cl. 166-272.000.
Wagner, John R., Jr.; and Hein, Carl C., 4,495,027, Cl. 156-244.110.
Walsh, Dennis E.; and Green, Gary J., 4,515,092, Cl. 110-347.000.
Weiner, Milton L., 4,505,969, Cl. 428-213.000.
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Win, Michael M., 4,509,432, Cl. 108-51.100.
Wright, Bernard S.; Owen, Hartley; and Hsia, Chung H., 4,497,968, Cl. 585-304.000.
Wright, Bernard S.; Hsia, Chung H.; and Owen, Hartley, 4,511,747, Cl. 585-415.000.
Wu, Wen-Pao; and Krutchen, Charles M., 4,532,094, Cl. 264-53.000.
Yan, Tsoung Y., 4,508,614, Cl. 208-78.000.
Yan, Tsoung Y.; and Shu, Paul, 4,511,459, Cl. 208-127.000.
Yan, Tsoung Y.; and Chen, Nai Y., 4,522,703, Cl. 208-106.000.
Yan, Tsoung Y.; and Whitehurst, Darrell D., 4,533,463, Cl. 208-127.000.
Yan, Tsoung-Yuan; and Lozano, Raymond L., 4,495,152, Cl. 422-159.000.
Yan, Tsoung-Yuan, 4,529,408, Cl. 44-51.000.
Yan, Tsoung-Yuan, 4,544,479, Cl. 208-106.000.
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Mobil Solar Energy Corporation: *See—*
  Hanoka, Jack I.; Yates, Douglas A.; and Gregory, James A., 4,557,037, Cl. 29-576.00B.
  Stormont, Richard W.; and Eriss, Lawrence, 4,544,528, Cl. 422-246.000.
Mobile Companies Inc.: *See—*
  Habermehl, Robert, 4,539,761, Cl. 34-9.000.
  Williams, Roger F., 4,491,484, Cl. 134-4.000.
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  Moore, Peter E., 4,514,019, Cl. 312-209.000.
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  Morellini, Franco, 4,527,367, Cl. 52-187.000.
Mobius, Ulrich. Carrier arrangement. 4,497,425, 2-5-85, Cl. 224-324.000.
Mobley, Larry W.: *See—*
  Nafziger, John L.; Snyder, Mark A.; and Mobley, Larry W., 4,552,902, Cl. 521-129.000.
  Nafziger, John L.; Snyder, Mark A.; and Mobley, Larry W., 4,552,903, Cl. 521-137.000.
Mocella, Michael T.: *See—*
  Taylor, Paul D.; and Mocella, Michael T., 4,508,923, Cl. 568-311.000.
  Taylor, Paul D.; and Mocella, Michael T., 4,551,553, Cl. 568-311.000.
Mochalova, Zoya N.: *See—*
  Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.
Mochel, Margaret E.; and Humphreys, Colin J., to University Patents, Inc. Electron beam cutting. 4,508,952, 4-2-85, Cl. 219-121.0EH.
Mochida, Ei: *See—*
  Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.
  Nobuhara, Masahiro; Yamaguchi, Kiyoshi; and Mochida, Ei, 4,548,900, Cl. 435-68.000.
  Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,534,966, Cl. 424-94.000.
  Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,540,569, Cl. 424-94.000.
Mochida, Haruo; Nakakooji, Hiroshi; and Namazue, Hirotoshi, to Nissan Motor Company, Limited; and Kokusan Kinzoku Kogyo Kabushiki Kaisha. Keyless entry system for an automotive vehicle. 4,492,959, 1-8-85, Cl. 340-825.560.
Mochida, Haruo, to Nissan Motor Company, Limited. Locking device of an automotive door. 4,508,379, 4-2-85, Cl. 292-336.300.
Mochida, Haruo; and Watanuki, Yoshio, to Nissan Motor Company, Limited. Reciprocating type push-pull cable arrangement for transmitting longitudinal motion. 4,526,057, 7-2-85, Cl. 74-501.00R.
Mochida, Haruo, to Nissan Motor Company, Limited. Emergency unlocking mechanism for door of automobile. 4,536,021, 8-20-85, Cl. 292-201.000.
Mochida, Haruo: *See—*
  Moriya, Masaichi; Takaishi, Tatsuyuki; Mochida, Haruo; and Takeda, Yoshimitsu, 4,530,185, Cl. 49-280.000.
Mochida, Hiromi: *See—*
  Kawakita, Shizuo; Shibazaki, Takeyoshi; and Mochida, Hiromi, 4,514,223, Cl. 75-77.000.
Mochida Pharmaceutical Co., Ltd.: *See—*
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  Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,534,966, Cl. 424-94.000.
Mochida Seiyaku Kabushiki Kaisha: *See—*
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  Ohnishi, Haruo; and Mitsuhashi, Masakazu, 4,495,282, Cl. 435-68.000.
  Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,540,569, Cl. 424-94.000.
Mochida, Shigeru; Kojima, Masaru; and Kitagawa, Jun, to NGK Insulators, Ltd. Ceramic honeycomb catalytic converters having high thermal shock resistance. 4,556,543, 12-3-85, Cl. 422-171.000
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  Kimura, Takashi; Mochiji, Kozo; and Obayashi, Hidehito, 4,514,857, Cl. 378-034.000.
Mochimaru, Hideaki, to Ricoh Company, Ltd. Sheet feeding cassette latching system. 4,535,982, 8-20-85, Cl. 271-127.000.
Mochizuki, Akihiro; Ikegami, Kasumi; Narusawa, Toshiaki; and Okuyama, Hirofumi, to Fujitsu Limited. Storage-type liquid crystal composition. 4,547,309, 10-15-85, Cl. 252-299.630.
Mochizuki, Akihiro: *See—*
  Nakano, Takaharu; Mochizuki, Akihiro; Nakazato, Morikuni; and Tsuneno, Tatsuro, 4,530,771, Cl. 252-49.600.

Mochizuki, Asao: *See—*
Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.
Mochizuki, Daisuke; Ohnishi, Souichi; and Komai, Kensaku, to Sharp Kabushiki Kaisha. Electronic calculating device with faculties of detecting reproduction level of data applied thereto. 4,512,027, 4-16-85, Cl. 377-16.000.
Mochizuki, Hideaki; and Tamura, Tooru, to Matsushita Electric Industrial Co., Ltd. Organic chip capacitor. 4,555,746, 11-26-85, Cl. 361-323.000.
Mochizuki, Hideto. Beach sandals. 4,525,940, 7-2-85, Cl. 36-8.100.
Mochizuki, Hirohiko: *See—*
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Mochizuki, Keizo; Kuwada, Yukio; and Mizoguchi, Yoshihiko, to Meiji Seika Kaisha Ltd. Process for preparing snack products with expanded coating. 4,499,113, 2-12-85, Cl. 426-291.000.
Mochizuki, Kenji, to Fuji Jukogyo Kabushiki Kaisha. Fuel injection system for an internal combustion engine. 4,512,316, 4-23-85, Cl. 123-478.000.
Mochizuki, Masahiko: *See—*
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Mochizuki, Norihiro; and Hashizume, Hiroyuki, to Kayaba Kogyo Kabushiki Kaisha. Cam ring for vane pump. 4,492,545, 1-8-85, Cl. 418-149.000.
Mochizuki, Noritaka; Minami, Setsuo; and Matsui, Yoshiya, to Canon Kabushiki Kaisha. Compound eye projection device. 4,512,641, 4-23-85, Cl. 350-573.000.
Mochizuki, Noritaka: *See—*
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Mochizuki, Taketoshi: *See—*
Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
Mochizuki, Toru, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device and a method for manufacturing the same. 4,533,935, 8-6-85, Cl. 357-51.000.
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Mock, Bruno A. Control armature inserted in the flow route of a system for transferring pressure media in a gaseous and/or liquid gaseous state. 4,516,603, 5-14-85, Cl. 137-559.000.
Mock, Elmar; and Muller, Jacques, to ETA S.A., Fabriques d'Ebauches. Plastic watch casing with plastic crystal and process for joining the crystal to the casing. 4,558,957, 12-17-85, Cl. 368-294.000.
Mock, Elmar; and Bron, Alphonse, to ETA S.A., Fabriques d'Ebauches. Wrist watch having a bracelet attached to the watch casing by a hinge. 4,561,077, 12-24-85, Cl. 368-282.000.
Mock, Gerald L.; and Hanscom, Bradford E., to T.A.D. Avanti, Inc. Telephone answering system with remote control capabilities. 4,549,046, 10-22-85, Cl. 179-6.110.
Mockesch, Erich; and Noack, Hans-Herbert, to Bier-Drive AG. Foil bag. 4,548,321, 10-22-85, Cl. 206-525.000.
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Mockli, Peter, to Ciba-Geigy Corporation. Dye mixtures of anthraquinone dyes. 4,510,088, 4-9-85, Cl. 260-380.000.
Mockli, Peter, to Ciba-Geigy Corporation. Substituted benzopyran compounds. 4,547,579, 10-15-85, Cl. 549-280.000.
Mockli, Peter, to Ciba-Geigy Corporation. 2-(oxo, or thio)-3-substituted 1,3-benzothiazolyl-4-cyano-7-substituted amino-benzopyrans. 4,550,171, 10-29-85, Cl. 548-159.000.
Mockovciak, John, Jr., to Grumman Aerospace Corporation. Joining techniques for large structures. 4,543,761, 10-1-85, Cl. 52-655.000.
Mocny, Richard C.: *See—*
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Mod, William A.: *See—*
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Ezzell, Bobby R.; Carl, William P.; and Mod, William A., 4,554,112, Cl. 260-543.00F.
Modak, Shanta M.: *See—*
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Modell, Michael, 4,543,190, Cl. 210-721.000.
Modavis, Robert A.: *See—*
Yau, David W. T.; and Modavis, Robert A., 4,540,251, Cl. 350-611.000.
Moddel, Garret R.; and Gibbons, James F., to Sera Solar Corporation. Pulse anneal method for solar cell. 4,539,431, 9-3-85, Cl. 136-258.000.
Mode, Paul, to Nycoil Company. Releasable coupling device. 4,508,369, 4-2-85, Cl. 285-39.000.
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Bauer, Gerd F., 4,509,979, Cl. 75-130.00R.
Modern Globe, Inc.: *See—*
Yow, Larry R., 4,547,255, Cl. 156-580.000.
Modern Home Products Corp.: *See—*
Koziol, Walter, 4,561,419, Cl. 126-41.00R.
Modern Machine and Grinding, Inc.: *See—*
Lorince, Julius, 4,510,689, Cl. 30-347.000.
Modern Modalities, Inc.: *See—*
Nesbitt, William A., 4,544,587, Cl. 428-34.000.
Modern Precision Engineers and Associates Limited: *See—*
Clements, Harold J., 4,502,519, Cl. 150-55.000.
Modesitt, Phillip C.: *See—*
McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,527,633, Cl. 166-370.000.
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Modic, Frank J., to General Electric Company. Transparent membrane structures. 4,500,584, 2-19-85, Cl. 428-145.000.
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Modic, Justin G.: *See—*
Martin, Wayne A.; and Modic, Justin G., 4,497,194, Cl. 72-356.000.
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Frost, Donald J., 4,561,494, Cl. 165-76.000.
Saperstein, Zalman P., 4,529,034, Cl. 165-134.00R.
Stay, Kevin E.; and Munch, John E., Jr., 4,531,578, Cl. 165-175.000.
Modisette Incorporated: *See—*
Modisette, Jerry L., 4,504,285, Cl. 55-16.000.
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Whetstone, Albert L.; Shaklee, Kerry L.; and Modjallal, Khosrow, 4,514,726, Cl. 340-710.000.
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Modone, Eros, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Process for producing substances optically transparent to infrared rays. 4,557,914, 12-10-85, Cl. 423-303.000.
Modrak, James P.: *See—*
Duszak, Francis J.; Modrak, James P.; and Deaver, Dick, 4,492,781, Cl. 524-59.000.
Modsa (Proprietary) Limited: *See—*
De Lange, Jan H.; and Fick, Ernest, 4,559,956, Cl. 131-303.000.
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MacKinnon, Allan S.; Willemsen, Donald J.; and Hamilton, David T., 4,530,056, Cl. 364-424.000.
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Kosarzecki, Constantine, 4,531,536, Cl. 137-111.000.
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Lewis, Lloyd J., 4,503,982, Cl. 211-184.000.
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Castillo, Richard A., 4,551,899, Cl. 29-241.000.
Weber, Franz K., 4,528,620, Cl. 362-86.000.
Modzinski, Charles J.; and Devaney, Michael J., to United States of America, Army. Vehicle interior deicing/defogging system. 4,501,390, 2-26-85, Cl. 237-12.30C.

- Moe, Gregory: *See—*
  - Kaiser, Emil T.; and Moe, Gregory, 4,514,331, Cl. 260-112.50T.
- Moe, Walter: *See—*
  - Jones, Lawrence T.; Lee, R. Stephen; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,527,688, Cl. 206-315.100.
  - Jones, Lawrence T.; Lee, Robert S.; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,534,745, Cl. 446-398.000.
- Moechnig, Bruce W.: *See—*
  - Weis, Bruce T.; Helmy, Nash N.; Tweet, David E.; and Moechnig, Bruce W., 4,552,573, Cl. 55-312.000.
- Moeddel, Robert W., to Procter & Gamble Company, The. Compositions containing odor purified proteolytic enzymes and perfumes. 4,515,705, 5-7-85, Cl. 252-174.120.
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  - Van der Valk, Nicolaas J. L.; Moelands, Antonius G.; and Schmale, Peter C., 4,511,915, Cl. 358-17.000.
- Moeller, Charles P., to GA Technologies Inc. Cyclotron resonance maser amplifier and waveguide window. 4,523,127, 6-11-85, Cl. 315-4.000.
- Moeller, Dennis L.: *See—*
  - Dean, Mark E.; and Moeller, Dennis L., 4,528,626, Cl. 364-200.000.
- Moeller, Friedrich-Wilhelm; Buchold, Henning; Klein, Helmut; Garkisch, Otto-Ludwig; Guetlhuber, Friedrich; and Laber, Walter, to Metallgesellschaft Aktiengesellschaft; and Deggendorfer Werft und Eisenbau GmbH. Process for producing styrene. 4,549,032, 10-22-85, Cl. 585-445.000.
- Moeller, John D. Portable tent. 4,520,835, 6-4-85, Cl. 135-102.000.
- Moeller, Kenneth L.: *See—*
  - Friedes, Albert; Greene, Thomas V.; Idenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., 4,555,594, Cl. 179-18.00B.
- Moeller, Knud A., to A.M.C. Maskin Compagni A/S. Grindstone dresser. 4,539,971, 9-10-85, Cl. 125-11.00H.
- Moeller, Matthias; and Kausche, Helmold, to Siemens Aktiengesellschaft. Amorphous silicon solar cells and a method of producing the same. 4,511,756, 4-16-85, Cl. 136-258.000.
- Moeller, Matthias; and Kausche, Helmold, to Siemens Aktiengesellschaft. Method for manufacturing finger electrode structures forming electric contacts at amorphous silicon solar cells. 4,543,443, 9-24-85, Cl. 136-256.000.
- Moeller, Matthias: *See—*
  - Kausche, Helmold; Moeller, Matthias; and Fischer, Franz, 4,492,813, Cl. 136-256.000.
- Moeller, Robert P.: *See—*
  - Burns, William K.; and Moeller, Robert P., 4,556,293, Cl. 350-400.000.
- Moen, Walter K., to Rockwell International Corporation. Temperature control system. 4,535,222, 8-13-85, Cl. 219-300.000.
- Moenkhaus, Patrick R., to Honeywell Inc. Flue gas analyzer with carbon monoxide detector. 4,561,288, 12-31-85, Cl. 73-23.000.
- Moerchen, John M.: *See—*
  - Kurth, Charles W.; and Moerchen, John M., 4,504,497, Cl. 426-130.000.
- Moeremans, Guy, to Regie Nationale des Usines Renault. Ball-and-socket joint, especially for mounting the casing of an orientable rear-view mirror. 4,504,165, 3-12-85, Cl. 403-129.000.
- Moermond, Dennis L., personal representative: *See—*
  - Moermond, Donald I., deceased; Moermond, Dennis L., personal representative; and Moermond, Raymond A., personal representative, 4,504,812, Cl. 336-84.00C.
- Moermond, Donald I., deceased; Moermond, Dennis L., personal representative; and Moermond, Raymond A., personal representative. Spherical transformer apparatus. 4,504,812, 3-12-85, Cl. 336-84.00C.
- Moermond, Raymond A., personal representative: *See—*
  - Moermond, Donald I., deceased; Moermond, Dennis L., personal representative; and Moermond, Raymond A., personal representative, 4,504,812, Cl. 336-84.00C.
- Moers, John W.: *See—*
  - Horres, Russell; and Moers, John W., 4,559,040, Cl. 604-153.000.
- Moerschel, Kenneth G., to AT&T Technologies, Inc. Methods of highlighting pinholes in a surface layer of an article. 4,514,436, 4-30-85, Cl. 427-10.000.
- Moertel, George B., to Talon, Inc. Apparatus for continuously molding of articles with plural band-like members. 4,536,143, 8-20-85, Cl. 425-115.000.
- Moertl, Willi: *See—*
  - Novak, Peter; and Moertl, Willi, 4,506,780, Cl. 198-483.000.
- Moery, Ronald J.: *See—*
  - Fox, James W.; Moery, Ronald J.; and Banas, Kenneth P., 4,532,394, Cl. 200-275.000.
- Moeschler, Heinrich-Ferdinand; Golker, Christian; and Lange, Peter M., to Bayer Aktiengesellschaft. Concentrating nikkomicin mixtures. 4,552,954, 11-12-85, Cl. 536-24.000.
- Moeschlin, Lars F.: *See—*
  - Josefsson, Lars G.; Svensson, Bengt T.; and Moeschlin, Lars F., 4,494,083, Cl. 333-33.000.
- Moeschwitzer, Albrecht, to VEB Zentrum fur Forschung und Technologie Mikroelektronik im VEB Kombinat Mikroelektronik. Semiconductor memory element with two field effect transistors. 4,507,758, 3-26-85, Cl. 365-182.000.
- Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, to Societe Alsacienne de Construction de Materiel Textile. Device designed to help the insertion of a weft yarn in a weaving loom. 4,529,015, 7-16-85, Cl. 139-435.000.
- Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, to Societe Alsacienne de Construction de Materiel Textile. Weft yarn into the shed of a weaving machine. 4,544,001, 10-1-85, Cl. 139-443.000.
- Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, to Societe Alsacienne de Construction de Materiel Textile. Process for the insertion in the form of a loop of a weft yarn in the shed of a weaving machine and weaving machine equipped with a device for carrying out this process. 4,553,570, 11-19-85, Cl. 139-435.000.
- Moessinger, Albert: *See—*
  - Gosciniak, Guy; Juillard, Yves; Menissier, Pierre; and Moessinger, Albert, 4,509,563, Cl. 139-443.000.
- Moessner, Gerhard, to Parke, Davis & Company. Cryostat microtome apparatus. 4,548,051, 10-22-85, Cl. 62-320.000.
- Moetteli, John B. Ratchet wrench. 4,520,697, 6-4-85, Cl. 81-62.000.
- Moffat, Richard P., to Saskatchewan Power Corporation. Overspeed-/underspeed detector. 4,521,894, 6-4-85, Cl. 377-16.000.
- Moffat, Robert B.: *See—*
  - Sugden, David B.; Waddell, Bruce A.; Kindsvater, James P.; and Moffat, Robert B., 4,548,442, Cl. 299-10.000.
- Moffatt, James P.: *See—*
  - Green, Donald R., Jr.; and Moffatt, James P., 4,532,477, Cl. 330-149.000.
- Moffatt, John G.: *See—*
  - Nestor, John J., Jr.; Moffatt, John G.; and Chan, Hardy W., 4,493,795, Cl. 260-112.50E.
- Moffett, David J.: *See—*
  - Kruse, Richard M.; Moffett, David J.; Patel, Madhu C.; and Barnes, Ronald L., 4,536,648, Cl. 235-454.000.
- Moffitt, Gregory A.; and Brown, Glenn E. Moisture guard for window frames, door jambs and the like. 4,555,882, 12-3-85, Cl. 52-204.000.
- Moffitt, Max L.: *See—*
  - Allen, Edwin M.; Foust, Eugene C.; Sievert, Steven A.; Fitzgerald, William C.; and Moffitt, Max L., 4,523,842, Cl. 356-124.000.
- Moffitt, Merritt L., Jr. Side handle reservoir brush. 4,507,004, 3-26-85, Cl. 401-275.000.
- Mogaki, Tadahisa: *See—*
  - Matsumura, Mitsuma; Mogaki, Tadahisa; and Mikiya, Toshio, 4,551,874, Cl. 5-453.000.
- Mogami, Satoshi, to Nippon Kogaku K.K. Wide angle zoom lens. 4,540,249, 9-10-85, Cl. 350-426.000.
- Mogami, Takao; and Kawashima, Hiroshi, to Kabushiki Kaisha Suwa Seikosha. Photochromic coating composition and photochromic synthetic resin ophthalmic lens. 4,556,605, 12-3-85, Cl. 428-331.000.
- Mogami, Takao: *See—*
  - Kubota, Satoshi; Nakashima, Mikito; Mogami, Takao; and Nakagawa, Tetsuo, 4,525,421, Cl. 428-412.000.
- Mogami, Takeo; and Saeki, Michio, to Yamatake-Honeywell Co., Ltd. Controller of digital control system and method for controlling the same. 4,558,430, 12-10-85, Cl. 364-900.000.
- Moge, Robert A., to Rockwell International Corporation. Conveyor apparatus. 4,524,863, 6-25-85, Cl. 198-797.000.
- Mogensen, Palne: *See—*
  - Santen, Sven; Mogensen, Palne; Kaij, Mats; and Thornblom, Jan, 4,543,470, Cl. 219-383.000.
- Moggi, Giovanni, to Montedison S.p.A. Accelerators for vulcanizing vinylidene fluoride elastomeric copolymers. 4,501,858, 2-26-85, Cl. 525-340.000.
- Moggi, Giovanni; Flabbi, Luciano; and Strepparola, Ezio, to Montedison S.p.A. Co-vulcanizable compositions based on fluorelastomers and polymeric compounds with a perfluoroetheric structure. 4,530,969, 7-23-85, Cl. 525-180.000.
- Moggi, Giovanni; and Cirillo, Gianna, to Montedison S.p.A. Vulcanizable fluoroelastomer compositions providing vulcanizates having high adhesion to metals. 4,544,708, 10-1-85, Cl. 525-337.000.
- Moggi, Giovanni: *See—*
  - Geri, Sergio; Moggi, Giovanni; and Lagana, Carlo, 4,530,971, Cl. 525-199.000.
- Mogi, Fumio: *See—*
  - Gomi, Shimpei; Arai, Tomio; Mogi, Fumio; Miura, Kunio; and Otani, Sugio, 4,554,148, Cl. 423-447.100.
  - Otani, Sugio; Gomi, Shimpei; and Mogi, Fumio, 4,504,455, Cl. 423-447.600.
- Mogi, Kinichi: *See—*
  - Satoh, Susumu; Mogi, Kinichi; Murakami, Saburo; and Nakashima, Toshiaki, 4,548,753, Cl. 260-410.000.
- Mogi, Mamoru: *See—*
  - Chaki, Takao; and Mogi, Mamoru, 4,523,485, Cl. 74-10.330.
- Mogi, Michio, to Konishiroku Photo Industry Co., Ltd. Developing apparatus. 4,555,172, 11-26-85, Cl. 355-3.0DD.
- Mogi, Shigeo: *See—*
  - Nakano, Teruo; Ohtani, Hideji; Miyawaki, Kunio; and Mogi, Shigeo, 4,538,047, Cl. 219-125.100.
- Mogul Corporation, The: *See—*
  - Weidner, Ralph F.; Regutti, Carl W.; and Liao, Chien W., 4,543,121, Cl. 75-5.000.
- Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, to Eszakmagyarorszagi Vegyimuvek. Process for the preparation of substituted chloroacetanilides. 4,511,736, 4-16-85, Cl. 564-214.000.
- Mohacsi, Gabor: *See—*
  - Oszlar, Imre; Beck, Andras; and Mohacsi, Gabor, 4,506,1[illegible], Cl. 219-73.100.
- Mohan, Raam R.: *See—*
  - Allan, David E.; Molstedt, Byron V.; and Mohan, Raam R., 4,501,820, Cl. 502-27.000.

Mohan Rao, G. R., to Texas Instruments Incorporated. Semiconductor integrated circuit memory device with both serial and random access arrays. 4,498,155, 2-5-85, Cl. 365-189.000.

Mohan, William L.; and Willits, Samuel P., to Spartanics, Ltd. Frequency determining and lock-on system. 4,542,470, 9-17-85, Cl. 364-485.000.

Mohasco Corporation: *See*—
  Holobaugh, Raymond E., 4,493,469, Cl. 248-406.100.

Mohaupt, Henry H. Device for stimulating a subterranean formation. 4,530,396, 7-23-85, Cl. 166-63.000.

Mohaupt, Hubert: *See*—
  Kochendorfer, Heinrich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, 4,542,678, Cl. 91-6.000.

Mohaupt, John M., to Delkor Industries, Inc. Machine and method for loading cartons with irregularly shaped individual articles. 4,546,594, 10-15-85, Cl. 53-447.000.

Mohlenbrink, Wolfgang: *See*—
  Nussbaumer, Manfred; Beitinger, Eberhard; and Mohlenbrink, Wolfgang, 4,513,504, Cl. 33-1.00H.

Mohlmann, Willem M. M.: *See*—
  Boskamp, Jelles V.; and Mohlmann, Willem M. M., 4,526,709, Cl. 252-527.000.

Mohn, Frank, to Framo Developments (UK) Limited. Electrically driven submersible pump system. 4,500,263, 2-19-85, Cl. 417-360.000.

Mohn, Frank, to Framo Developments (UK) Limited. Pump system. 4,541,782, 9-17-85, Cl. 417-244.000.

Mohn, Hans-Werner: *See*—
  Buchholz, Rainer; Tomashauser, Josef; Zodrow, Rudolf; and Mohn, Hans-Werner, 4,536,247, Cl. 156-477.100.

Mohn, Heinrich: *See*—
  Gutermann, Alfons; Herzog, Heinz; Mohn, Heinrich; and Schulke, Karl A., 4,530,818, Cl. 422-240.000.

Mohnhaupt, Axel: *See*—
  Affeid, Klaus; Mohnhaupt, Axel; and Jorn, Frank, 4,559,648, Cl. 623-3.000.

Mohon, Windell N.; and Harris, William T., to United States of America, Navy. Flight simulator with dual probe multi-sensor simulation. 4,512,745, 4-23-85, Cl. 434-43.000.

Mohon, Windell N.; and Burns, Jimmy H., to United States of America, Navy. Diurnal effects simulator. 4,526,545, 7-2-85, Cl. 434-38.000.

Mohr, Adolf: *See*—
  Beisse, Achim; Harer, Helmut; Mohr, Adolf; and Schustek, Siegfried, 4,556,809, Cl. 310-114.000.
  Corbach, Rainer; Utsch, Berthold; Mohr, Adolf; and Zimmermann, Kurt, 4,542,314, Cl. 310-154.000.

Mohr, Dieter; and Reiss, Kurt, to Hoechst Aktiengesellschaft. Light-sensitive aqueous developable copying material and product by coating process thereof utilizing polysiloxane and alkylene oxide copolymer as coating aid. 4,510,227, 4-9-85, Cl. 430-175.000.

Mohr, Dieter, to Hoechst Aktiengesellschaft. Process for manufacturing support materials for offset printing plates. 4,554,057, 11-19-85, Cl. 204-29.000.

Mohr, Dieter, to Hoechst Aktiengesellschaft. Process for manufacturing support materials for offset printing plates. 4,554,216, 11-19-85, Cl. 428-469.000.

Mohr, Ernst, to Fides Treuhand GmbH. Hot-gas piston type engine. 4,514,979, 5-7-85, Cl. 60-512.000.

Mohr, Glenn R., to Continental Can Company, Inc. Induction heating system and method of bonding container end unit to body utilizing the same. 4,539,456, 9-3-85, Cl. 219-10.690.

Mohr, Glenn R.: *See*—
  Roth, Donald J.; Kubis, Charles S.; Walter, John; and Mohr, Glenn R., 4,519,859, Cl. 156-69.000.

Mohr, Heinz: *See*—
  Bleckmann, Gerhard; Lynch, John; and Mohr, Heinz, 4,515,375, Cl. 277-1.000.

Mohr, Helmut; Falb, H. Wolfgang; and Wallroth, Carl F., to Dragerwerk Aktiengesellschaft. Locking mechanism for use with two anesthetic evaporators. 4,493,318, 1-15-85, Cl. 128-200.190.

Mohr, James W., to Outboard Marine Corporation. Outboard motor with selectively operable drainage system. 4,512,294, 4-23-85, Cl. 123-73.00R.

Mohr, Paul H.: *See*—
  Matulewicz, William N.; Mohr, Paul H.; and Matlock, Paul L., 4,514,315, Cl. 252-75.000.

Mohr, Peter R., to Erhardt & Leimer GmbH. Readable goods-marking system for textile processing. 4,532,167, 7-30-85, Cl. 428-78.000.

Mohr, Reinhard: *See*—
  Hahnke, Manfred; Mohr, Reinhard; and Hohmann, Kurt, 4,557,732, Cl. 8-538.000.

Mohr, Robert K.: *See*—
  Varshneya, Deepak; Macedo, Pedro B.; and Mohr, Robert K., 4,552,577, Cl. 65-22.000.

Mohr, Rudolf: *See*—
  Oppenlaender, Knut; Fikentscher, Rolf; Buettner, Egon; Slotman, Wilhelmus; Schwartz, Erich; and Mohr, Rudolf, 4,537,701, Cl. 252-344.000.

Mohrholz, Kurt: *See*—
  Dorner, Karlheinz; and Mohrholz, Kurt, 4,527,759, Cl. 248-73.000.

Mohri, Katsuo: *See*—
  Azuma, Nobuo; Satoh, Kenji; Mohri, Katsuo; and Furuhata, Takashi, 4,507,690, Cl. 360-33.100.

Mohrmann, Karl H.: *See*—
  Colln, Reimer; and Mohrmann, Karl H., 4,528,379, Cl. 546-209.000.

Mohsen, Amr M.; and Crook, Dwight L., to Intel Corporation. Fusible link employing capacitor structure. 4,543,594, 9-24-85, Cl. 357-51.000.

Mohsin, Mohamed E., to National Research Development Corporation. Fluid bearings. 4,542,994, 9-24-85, Cl. 384-101.000.

Moilliet, Guy, to UTB Umwelttechnik Buchs AG. Method and system of generating heat by biological decomposition of organic refuse. 4,493,770, 1-15-85, Cl. 210-603.000.

Moinet, Gerard H.; Dostert, Philippe L.; and Bourgery, Guy R., to Delalande S.A. 3-hydroxyalkyl-3,4-dihydro-1-substituted isoquinolines. 4,504,663, 3-12-85, Cl. 546-144.000.

Moiny, Fernand: *See*—
  Barathon, Jean-Claude; Moiny, Fernand; Soyez, Christian; and Soyez, Gerard, 4,494,361, Cl. 53-553.000.

Moir, Ian: *See*—
  Cohen, Albert E.; Hance, William G.; Moir, Ian; Lane, Thao; and Caussarieu, Frederic, 4,525,830, Cl. 370-60.000.

Moiroux, Auguste, to Societe Civile Styled: BMB. Piston for internal combustion engine. 4,513,697, 4-30-85, Cl. 123-41.350.

Moisan, Louis E. Audible and bi-visual indicator. 4,520,586, 6-4-85, Cl. 43-17.000.

Moisan, Marius. Snow mover. 4,559,726, 12-24-85, Cl. 37-267.000.

Moisar, Erik: *See*—
  Becker, Manfred; Klotzer, Sieghart; and Moisar, Erik, 4,495,277, Cl. 430-567.000.

Moisson, Marc; Van Noten, Lodewijk; Overbergh, Noel; Franckx, Joris; and Buekers, Valere, to N.V. Raychem S.A. Splicing, branching or terminating cable. 4,498,938, 2-12-85, Cl. 156-49.000.

Moisson, Marc F.; and Wisecarver, Martin L., to Raychem Corporation. Optical fiber chuck including a cover comprising an idler wheel and a V-shaped insert. 4,537,466, 8-27-85, Cl. 350-96.200.

Moisson, Marc F. L., to N.V. Raychem S.A. Cable sleeve liner. 4,511,611, 4-16-85, Cl. 428-35.000.

Moist, Stanford C., Jr.: *See*—
  Aiello, Richard E.; Moist, Stanford C., Jr.; Poleshuk, Robert J.; and Wildman, Timothy C., 4,544,220, Cl. 339-59.00M.

Moitzger, Max: *See*—
  dePuglia, Gaston D.; Van der Borght, William J.; and Moitzger, Max, 4,560,138, Cl. 249-95.000.

Moizumi, Ken'ichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Control system for a split type air-conditioner. 4,503,686, 3-12-85, Cl. 62-467.000.

Mojadad, Yousef, to Smith & Loveless, Inc. Multi-position plug valve. 4,522,233, 6-11-85, Cl. 137-625.470.

Mojden, Wallace W.; and Darr, Robert E., to Fleetwood Systems, Inc. Palletizing system. 4,537,010, 8-27-85, Cl. 53-447.000.

Mojden, Wallace W.; and Darr, Robert E., to Fleetwood Systems, Inc. Automatic stack developing and loading system. 4,537,550, 8-27-85, Cl. 414-46.000.

Moji, Yukimori, to Boeing Company, The. Method for sealing an aluminum oxide film. 4,504,325, 3-12-85, Cl. 148-6.200.

Moksvold, Tor W., to International Business Machines Corporation. Resistor design system. 4,560,583, 12-24-85, Cl. 427-88.000.

Mokuda, Osamu: *See*—
  Tokumori, Yutaka; Mokuda, Osamu; Ikeda, Tadasu; Takeda, Akira; Tominaga, Masato; and Mashiba, Hiroto, 4,562,071, Cl. 424-94.000.

Mol, Pieter K. Connecting device between two wheel rims. 4,501,450, 2-26-85, Cl. 301-13.0SM.

Mola, Clark M.: *See*—
  Evans, Maurice L.; Mola, Clark M.; and Beringer, Richard D., 4,532,665, Cl. 15-21.00D.

Molaire, Michel F., to Eastman Kodak Company. Amorphous compositions of dyes and binder-mixtures in optical recording elements and information recorded elements. 4,499,165, 2-12-85, Cl. 430-17.000.

Molari, Richard E., Jr., to General Electric Company. Laminar structure of polycarbonate. 4,519,154, 5-28-85, Cl. 40-615.000.

Molari, Richard E., Jr., to General Electric Company. Laminar structure of polyester. 4,544,586, 10-1-85, Cl. 428-29.000.

Molat, Joseph H. Changeable circuit controlling switch assembly. 4,500,877, 2-19-85, Cl. 340-711.000.

Molaug, Ole, to Graco Robotics, Inc. Device for robot manipulator. 4,531,885, 7-30-85, Cl. 414-735.000.

Molbaek, Jens J.: *See*—
  Jacobsen, Finn; Molbaek, Jens J.; Zangenberg, Jan; and Dam, Poul S., 4,535,590, Cl. 60-531.000.
  Jorgensen, Peter; Molbaek, Jens J.; Spies, Volker; Dyhr-Mikkelsen, Poul C.; and Dam, Poul S., 4,527,595, Cl. 138-43.000.
  Pedersen, Svend P.; Molbaek, Jens J.; and Hansen, Allan H., 4,508,262, Cl. 236-42.000.
  Pedersen, Svend P.; Wrang, Soren N.; and Molbaek, Jens J., 4,508,263, Cl. 236-42.000.

Molbert, John L.; and Riddle, Eddie R., to Troxler Electronic Laboratories, Inc. Radiation scatter apparatus and method. 4,525,854, 6-25-85, Cl. 378-089.000.

Molcho, Jonathan: *See*—
  Rosenberg, Lior; and Molcho, Jonathan, 4,538,618, Cl. 128-663.000.

Mold-Masters Limited: *See*—
  Rose, Thomas J., 4,530,654, Cl. 425-566.000.

Moldawer, Lyle L.; Blackburn, George L.; and Bistrian, Bruce R. Treatment of protein malnourished surgical patients. 4,512,974, 4-23-85, Cl. 424-101.000.

Moldawer, Lyle L.; Blackburn, George L.; and Bistrian, Bruce R. Treatment of protein malnourished bacterially infected humans with LEM. 4,542,017, 9-17-85, Cl. 424-101.000.

Molded Fiber Glass Companies: *See*—
  Mollman, Robert E.; and Silva, Ralph, 4,504,431, Cl. 264-105.000.

Molders, Claus, to Badenia GmbH Stepeedeckenfabrik. Method and apparatus for separating a nonwoven stuffing material. 4,559,673, 12-24-85, Cl. 19-82.000.

Molders, Werner; Langanke, Rolf; Sentinger, Egon; and Reuschenbach, Hermann, to Gas Spring Company, Division of Fichtel & Sachs Industries, Inc. Gas spring with extension force controlled as a function of temperature. 4,513,953, 4-30-85, Cl. 267-121.000.

Moldovan, Nicholas: *See—*

DiStefano, Ralph D.; and Moldovan, Nicholas, 4,511,438, Cl. 204-4.000.

Moldow, Preben G., to P.M. Filter Konstruktionen. Separator for filter cartridges. 4,560,477, 12-24-85, Cl. 210-457.000.

Moldowan, Carol: *See—*

Moldowan, Mervin J.; and Moldowan, Carol, 4,496,548, Cl. 514-27.000.

Moldowan, Mervin J.; and Moldowan, Carol. Composition and method for reducing hangover. 4,496,548, 1-29-85, Cl. 514-27.000.

Moldrup, Niels. Impregnation tank for wood. 4,542,046, 9-17-85, Cl. 427-298.000.

Moldrup, Niels: *See—*

Moldrup, Steen; and Moldrup, Niels, 4,548,839, Cl. 427-345.000.

Moldrup, Steen; and Moldrup, Niels. Method for wood preservation. 4,548,839, 10-22-85, Cl. 427-345.000.

Mole, Thomas: *See—*

Liberts, Sandra; Creer, Jack G.; and Mole, Thomas, 4,554,393, Cl. 585-322.000.

Seddon, Duncan; Mole, Thomas; and Whiteside, Judy A., 4,499,314, Cl. 585-408.000.

Molecular Diagnostics, Inc.: *See—*

Dattagupta, Nanibhushan; and Crothers, Donald M., 4,542,102, Cl. 435-6.000.

Molecular Genetics Research & Development Limited Partnership: *See—*

Kent, Stephen B. H.; and L'Italien, James J., 4,548,904, Cl. 436-89.000.

Molee, Casper S., to Victory Engineering Corporation. Method of diffusing silicon slices with doping materials. 4,556,437, 12-3-85, Cl. 148-188.000.

Molee, Kenneth J.: *See—*

Luceri, Thomas J.; and Molee, Kenneth J., 4,518,451, Cl. 156-202.000.

Molenaar, Ronald N.: *See—*

Ploegaert, Hendrikus T.; Molenaar, Ronald N.; and Butter, Johannes A. M., 4,510,793, Cl. 73-86.000.

Moler Products Limited: *See—*

Elliott, Alwyn, 4,508,667, Cl. 264-13.000.

Moler, Ronald: *See—*

Trostle, D. Mark; Kaltz, Milton C.; Moler, Ronald; and Cowsert, Lendell E., 4,512,606, Cl. 296-130.000.

Moles, Donald R.: *See—*

Treharne, Richard W.; McKibben, Charlton K.; and Moles, Donald R., 4,559,206, Cl. 422-186.240.

Moles, Oliver W.; Ensley, Kenneth L.; and Perkins, Haywood A., to Kerr-McGee Chemical Corporation. Process for the treatment of metal-bearing ores. 4,562,048, 12-31-85, Cl. 423-81.000.

Moles, Robert G. H.: *See—*

Goss, Gary J.; Moles, Robert G. H.; Hinrichs, Randall D.; and Holtey, Thomas O., 4,542,517, Cl. 375-36.000.

Goss, Gary J.; Moles, Robert G. H.; and Hinrichs, Randall D., 4,558,409, Cl. 364-200.000.

Moles, Warren H.: *See—*

Dischert, Robert A.; Moles, Warren H.; Rhodes, Roland N.; and Walter, James M., 4,550,337, Cl. 358-13.000.

Molex Incorporated: *See—*

Aso, Akira, 4,526,436, Cl. 339-176.0MF.

Brubaker, Weldon L.; and Case, Arnold A., 4,538,872, Cl. 339-97.00P.

Dambach, Philip J.; and Berg, B. Alan, 4,538,874, Cl. 339-99.00R.

Dambach, Philip J.; and Berg, B. Alan, 4,538,878, Cl. 339-217.00R.

Dambach, Philip J., 4,560,222, Cl. 339-75.0MP.

Dechelette, Helen, 4,512,619, Cl. 339-94.00M.

Dechelette, Helen, 4,527,852, Cl. 339-97.00P.

Dechelette, Helen, 4,527,853, Cl. 339-97.00R.

Sampson, Stephen A.; and Olson, Thor F., 4,503,611, Cl. 29-845.000.

Schneider, Thomas E.; and Funcik, Jack F., 4,492,023, Cl. 29-861.000.

Molignoni, Albert J., to Power Shaft Engine. External combustion engine. 4,561,256, 12-31-85, Cl. 60-692.000.

Molimar, Maurice, to Renault Vehicules Industriels. Driving system for exciting a mechanical component at its resonant frequency for fatigue-testing purposes. 4,539,845, 9-10-85, Cl. 73-578.000.

Molin, Alexis, to Atlas Copco Aktiebolag. Method for rock drilling. 4,498,544, 2-12-85, Cl. 173-1.000.

Molin, Alexis, to Atlas Copco Aktiebolag. Apparatus for drilling rock. 4,499,953, 2-19-85, Cl. 173-43.000.

Molin, Soeren: *See—*

Uhlin, Bernt E.; Nordstrom, Kurt; and Molin, Soeren, 4,495,287, Cl. 435-231.000.

Uhlin, Bernt E.; Nordstrom, Kurt; and Molin, Soeren, 4,499,189, Cl. 435-253.000.

Molina, Domingo F. Double flapper check valve. 4,537,213, 8-27-85, Cl. 137-269.500.

Molina, Jorge W., to Deutsch Fastener Corp. Fastener retention with improved fatigue life. 4,557,650, 12-10-85, Cl. 411-108.000.

Molina-Negro, Pedro; and Garceau, Roger, to Neurotronic Ltee. Electric nerve stimulator device. 4,541,432, 9-17-85, Cl. 128-421.000.

Molina, Orlando G., to United States of America, Air Force. Testing apparatus for quantitatively measuring creepability of liquids. 4,534,211, 8-13-85, Cl. 73-64.400.

Molinari, Paul J., to Allen Manufacturing Company. Socket bit holder. 4,535,658, 8-20-85, Cl. 81-177.850.

Molinatto, Bruno, to Componenti Grafici S.r.l. Gravure pressure rollers with axis of variable shape. 4,510,865, 4-16-85, Cl. 101-153.000.

Molinazzi, Roberto, to Albini & Fontanot S.p.A. Modular support for stairway steps. 4,516,367, 5-14-85, Cl. 52-182.000.

Moline Corporation: *See—*

Hampel, Lawrence E.; and Freese, Edward O., 4,516,790, Cl. 280-502.000.

Molinelli, John J.: *See—*

Berenbaum, Alan D.; Jagannathan, Anand; Molinelli, John J.; and Pekarich, Steven P., 4,562,538, Cl. 364-200.000.

Molins Limited: *See—*

Ahern, Ronald A., 4,548,216, Cl. 131-94.000.

Applegate, Barry G.; and Starkey, Stanley V., 4,503,965, Cl. 198-347.000.

Applegate, Barry G.; Carter, David C. M.; and Heybourn, Frank, 4,560,057, Cl. 198-347.000.

Arthur, Hugh M., 4,511,420, Cl. 156-356.000.

Dealto, Michael E.; DiGiacomo, Joseph D.; and Marritt, Clifford R., 4,537,104, Cl. 83-348.000.

Dyett, Derek H.; Wood, Godfrey A.; and Seim, Albert D., II, 4,499,910, Cl. 131-95.000.

Molins Machine Company, Inc.: *See—*

Buinewicz, Benedict R., 4,529,462, Cl. 156-205.000.

Craemer, Robert H., 4,550,377, Cl. 364-471.000.

Grobman, William, 4,526,102, Cl. 101-425.000.

Keeny, Thomas R.; and Harris, William W., Jr., 4,530,687, Cl. 493-361.000.

Molins PLC: *See—*

Applegate, Barry G., 4,549,645, Cl. 198-408.000.

Arther, Hugh M.; Preston, Edward G.; Stewart, David B.; and Wood, Godfrey A., 4,528,050, Cl. 156-62.400.

Bennett, George R.; and Day, Robert S., 4,553,660, Cl. 198-425.000.

Boult, George W.; and King, Richard R., 4,503,866, Cl. 131-84.00C.

Brown, Anthony R., 4,555,011, Cl. 198-444.000.

Coyte, Raymond G., 4,503,868, Cl. 131-282.000.

Fox, Austin L., 4,495,750, Cl. 53-575.000.

Furze, Victor J.; and Howlett, Thomas J., 4,497,482, Cl. 271-94.000.

Green, Robert J.; and Hinchcliffe, Dennis, 4,496,055, Cl. 209-536.000.

Harrington, Timothy C.; and Horsley, John K., 4,534,252, Cl. 83-310.000.

Hinchcliffe, Dennis; and Wright, Anthony P., 4,505,091, Cl. 53-444.000.

Hinchcliffe, Dennis, 4,562,099, Cl. 427-282.000.

Labbe, Francis A., 4,534,368, Cl. 131-110.000.

Labbe, Francis A. M., 4,491,138, Cl. 131-109.00R.

Labbe, Francis A. M., 4,526,182, Cl. 131-109.100.

Labbe, Francis A. M., 4,543,967, Cl. 131-84.300.

Preston, Edward G.; and Stewart, David B., 4,510,949, Cl. 131-109.00R.

Simmons, Albert, 4,538,453, Cl. 73-73.000.

Warner, Brian H., 4,541,826, Cl. 493-48.000.

Molison, Robert E., to Elsner Engineering Works, Inc. Carousel type dispenser. 4,558,802, 12-17-85, Cl. 221-11.000.

Molitor, Edwin A.; Crain, Edward; and Lampe, Guy W., to Multifold-International, Inc. Machine for erecting, holding and discharging a folding case. 4,515,581, 5-7-85, Cl. 493-183.000.

Molitor, Edwin A.: *See—*

Madewell, James A.; Molitor, Edwin A.; Crowe, Norman P.; Lampe, Guy W.; and Pavey, Charles F., 4,500,245, Cl. 414-108.000.

Molitor Industries, Inc.: *See—*

Molitor, Victor D., 4,529,032, Cl. 165-13.000.

Molitor, Jerome A. Rope-holding boat hook. 4,557,214, 12-10-85, Cl. 114-221.00R.

Molitor, Robert L. Static phase converter. 4,492,911, 1-8-85, Cl. 318-779.000.

Molitor, Victor D., to Molitor Industries, Inc. Method of and apparatus for recovery of waste energy. 4,529,032, 7-16-85, Cl. 165-13.000.

Molitor, Victor D. Method of and unit for recovery of waste energy. 4,531,572, 7-30-85, Cl. 165-1.000.

Molitor, Victor D. Heat exchanger. 4,540,045, 9-10-85, Cl. 165-164.000.

Moll, Eberhard, to Balzers Aktiengesellschaft. Method and apparatus for uniformly heating articles in a vacuum container. 4,555,611, 11-26-85, Cl. 219-121.000.

Moll, Jack H., Jr.: *See—*

Davis, Charles L.; Fegley, Charles R.; and Moll, Jack H., Jr., 4,502,215, Cl. 29-874.000.

Moll, John H.: *See—*

Yolton, Charles F.; and Moll, John H., 4,544,404, Cl. 75-0.50C.

Moll, Manfred, to Rheinmetall GmbH. Wing-stabilized projectile. 4,541,592, 9-17-85, Cl. 244-3.220.

Moll, Manfred; Bazard, Daniel; Niclause, Michel; Vincent, Louis-Marie; and Andre, Jean-Claude, to Centre de Recherche et de Development. Apparatus and process for measuring the colloidal stability of liquids. 4,547,070, 10-15-85, Cl. 356-339.000.

Moll, Manfred: *See—*

Romer, Rudolf; Jaeneke, Christian; Bethmann, Karl W.; and Moll, Manfred, 4,555,971, Cl. 89-1.110.

Witt, Wolfram; and Moll, Manfred, 4,538,519, Cl. 102-387.000.

Moll, Philipp: *See—*

Pollmeier, Konrad; and Moll, Philipp, 4,530,294, Cl. 112-63.000.

Moll, Reiner; and Hornung, Armin, to Moll, Reiner. Modular framework system for furniture racks or similar articles. 4,525,093, 6-25-85, Cl. 403-4.000.

Moll, Richard J. Apparatus for setting roller clearance. 4,496,339, 1-29-85, Cl. 493-420.000.

Moll, Richard J. Feeder table with photo-scan controlled belt motor. 4,512,562, 4-23-85, Cl. 270-45.000.

Molla, Aberra. Method of determining immunoglobulin levels in mammals. 4,501,816, 2-26-85, Cl. 436-34.000.

Mollberg, Henri R.: *See—*

Hansen, Bertil V.; Kelfve, Sten S.; and Mollberg, Henri R., 4,536,187, Cl. 44-51.000.

Molle, Roger: *See—*

Chauvin, Jacques; and Molle, Roger, 4,540,956, Cl. 331-116.00R.

Moller, Alexander: *See—*

Scherowsky, Gunther; Moller, Alexander; Heppke, Gerd; and Knippenberg, Burkhard, 4,491,532, Cl. 252-299.100.

Moller, Carl. Easel formed by two crossed tabs at back of display object. 4,509,712, 4-9-85, Cl. 248-464.000.

Moller, Craig A., to Abar Ipsen Industries. Heat treating furnace with graphite heating elements. 4,559,631, 12-17-85, Cl. 373-130.000.

Moller, Craig A.; and Wolter, Eric H., to Abar Ipsen Industries. Gas nozzle for a heat treating furnace. 4,560,348, 12-24-85, Cl. 432-77.000.

Moller, Dieter; and Boert, Konrad, to Dierks & Sohne GmbH & Co. KG. Mixing and/or kneading apparatus. 4,504,152, 3-12-85, Cl. 366-188.000.

Moller, Dieter: *See—*

Kramer, Erhardt; Moller, Dieter; and Brauer, Ralph, 4,505,311, Cl. 141-129.000.

Lenz, Werner; Sander, Hans; and Moller, Dieter, 4,532,300, Cl. 525-124.000.

Moller, Erwin; and Iyimen, Siddik, to Iyimen, Siddik. Method for corning meat. 4,547,379, 10-15-85, Cl. 426-281.000.

Moller, Hermann: *See—*

Gmeiner, Gunter; Moller, Hermann; Andres, Rudolf; and Faust, Eberhard, 4,497,517, Cl. 297-231.000.

Huber, Guntram; Moller, Hermann; Faust, Eberhard; Andres, Rudolf; and Qullmalz, Wolfram, 4,552,402, Cl. 297-284.000.

Moller, Hinrich; Wallat, Siegfried; Bartnik, Friedhelm; and Pittermann, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Topical cosmetic preparations for the treatment of oily hair and seborrheic skin. 4,493,823, 1-15-85, Cl. 424-70.000.

Moller, Hinrich; Wallat, Siegfried; Hoffkes, Horst; and Giede, Karl, to Henkel Kommanditgesellschaft auf Aktien. Sebosuppressive cosmetic preparations containing long-chained alkanols and antioxidants. 4,496,536, 1-29-85, Cl. 424-70.000.

Moller, Hinrich; and Wallat, Siegfried, to Henkel Kommanditgesellschaft auf Aktien. Sebosuppressive topical cosmetic preparations containing alkoxybenzoic acid esters, process for inhibiting sebum production and alkoxybenzoic acid esters. 4,503,244, 3-5-85, Cl. 514-544.000.

Moller, Hinrich; and Wallat, Siegfried, to Henkel Kommanditgesellschaft auf Aktien. Method of using certain aryl-mercapto-lower-alkanamides as antiseborrheic agents. 4,528,286, 7-9-85, Cl. 514-232.000.

Moller, Hinrich; Wallat, Siegfried; and Bartnik, Friedhelm, to Henkel Kommanditgesellschaft auf Aktien. Arene-carboxylic acid derivatives as antiseborrheic additives for cosmetic agents. 4,545,984, 10-8-85, Cl. 424-70.000.

Moller, Hinrich; and Wallat, Siegfried, to Henkel Kommanditgesellschaft auf Aktien. Sebosuppressive cosmetic preparations containing aryloxobutenoic acid derivatives. 4,562,068, 12-31-85, Cl. 424-70.000.

Moller, Jens C. T.: *See—*

Iannicelli, Joseph; Caspersen, Leif D.; Hansen, Jan M.; and Moller, Jens C. T., 4,552,735, Cl. 423-224.000.

Moller, Karl-Heinz, to Messer Griesheim GmbH. Device for cutting a strip cast in a continuous casting machine. 4,495,000, 1-22-85, Cl. 148-9.00R.

Moller, Kurt: *See—*

Wyskott, Bernd; Prange, Rainer; Moller, Kurt; and Fleischer, Joachim, 4,549,906, Cl. 106-16.000.

Moller, Rainer: *See—*

Kleinert, Michael; Moller, Rainer; and Stelzer, Horst, 4,509,456, Cl. 118-715.000.

Moller, Reinfried, to Expert Maschinenbau GmbH. Scissors lift table. 4,511,110, 4-16-85, Cl. 248-421.000.

Moller, Thomas A., to FMC Corporation. Telescoping boom supported clustered service line. 4,502,505, 3-5-85, Cl. 137-615.000.

Moller, Tilo: *See—*

Thevis, Paul; and Moller, Tilo, 4,505,336, Cl. 169-85.000.

Mollere, Phillip D.: *See—*

Wiewiorowski, Tadeusz; and Mollere, Phillip D., 4,510,027, Cl. 204-110.000.

Mollet, Adrianus J. T.: *See—*

Van Gils, Wilhelmus M. J.; Mollet, Adrianus J. T.; and Ridders, Johannes A. M., 4,545,774, Cl. 445-22.000.

Mollet, Hans; and Dussy, Paul, to Ciba-Geigy Corporation. Process for the HT dyeing of polyester materials with ethylene oxide propylene oxide block polymer. 4,518,392, 5-21-85, Cl. 8-609.000.

Mollet, Serge: *See—*

Hubert, Jean-Marie; Bauer, Jean-Michel; and Mollet, Serge, 4,496,621, Cl. 428-236.000.

Mollgaard, Klaus: *See—*

Kuhn, Franz; Lippek, Wilfried; Mollgaard, Klaus; and Redecker, Friedrich, 4,500,972, Cl. 364-526.000.

Mollick, Joseph T.: *See—*

Brashears, David F.; and Mollick, Joseph T., 4,492,171, Cl. 110-261.000.

Brashears, David F.; and Mollick, Joseph T., 4,515,090, Cl. 110-264.000.

Mollier, Jean: *See—*

Saada, Charles; and Mollier, Jean, 4,549,075, Cl. 235-380.000.

Mollier, Pierre: *See—*

Boudon, Gerard; Mollier, Pierre; and Lebesherais, Gerard, 4,539,680, Cl. 370-100.000.

Grandguillot, Michel; Mollier, Pierre; and Nuez, Jean-Paul, 4,529,896, Cl. 307-480.000.

Mollison, Alistair N., to Du Pont Canada, Inc. Pouches of ethylene-α-olefin copolymer/ethylene-vinyl acetate copolymer blends. 4,503,102, 3-5-85, Cl. 428-35.000.

Mollman, Robert E.; and Silva, Ralph, to Molded Fiber Glass Companies. Electrically conductive fiber glass articles and sheets. 4,504,431, 3-12-85, Cl. 264-105.000.

Mollman, Walter G., to Rockwell International Corporation. Multiple position electrical switch. 4,506,118, 3-19-85, Cl. 200-1.00R.

Molloy, Bryan B.; and Steinberg, Mitchell I., to Eli Lilly and Company. Imaging agents and method. 4,528,177, 7-9-85, Cl. 424-1.100.

Molloy, Edward W.; and Shafer, Ronald E., to General Motors Corporation. Selectively operable rotary drive means. 4,540,381, 9-10-85, Cl. 464-29.000.

Molloy, Edward W.: *See—*

Delpercio, Mariano; and Molloy, Edward W., 4,540,075, Cl. 192-58.00R.

Molloy, James J.: *See—*

Applegate, Steven L.; Molloy, James J.; and Wilbur, Clayton V., 4,558,963, Cl. 400-120.000.

Molloy, James O.; Sydenham, Peter E.; and Hulejczuk, Roman A., to Fisons plc. Fire prevention and extinguishing assembly. 4,560,007, 12-24-85, Cl. 169-54.000.

Molloy, Lawrence. Bathroom radio. 4,521,919, 6-4-85, Cl. 455-344.000.

Molloy, Michael P., to Lockhart, Bobby; and Bradsher, O. D., Jr., part interest to each. Tunnel trap. 4,554,758, 11-26-85, Cl. 43-61.000.

Molloy, R. Michael; and Debono, Manuel, to Eli Lilly and Company. Glycopeptide derivatives. 4,504,467, 3-12-85, Cl. 424-118.000.

Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, to Bayer Aktiengesellschaft. Process for preparing granules of water-insoluble solids. 4,527,746, 7-9-85, Cl. 241-23.000.

Molnar, Charles J.: *See—*

Grot, Walther G.; Molnar, Charles J.; and Resnick, Paul R., 4,544,458, Cl. 204-98.000.

Molnar, Daniel O., to Sundstrand Data Control, Inc. Borehole inertial guidance system. 4,542,647, 9-24-85, Cl. 73-151.000.

Molnar, Francois; Szabo, Suzanne; Statkov, Peter R.; Armijo, Manuel; Sunkel, Carlos; and Cillero, Fernando. Derivatives of p-acylaminophenol having a therapeutic action, and compositions having a therapeutic action containing said derivatives as pharmacologically active ingredients. 4,532,249, 7-30-85, Cl. 514-324.000.

Molnar, Imre: *See—*

Zimber, Bela; and Molnar, Imre, 4,509,330, Cl. 60-537.000.

Molnar, Istvan; Thiele, Kurt; Geissmann, Felix; and Jahn, Ulrich, to Siegfried Aktiengesellschaft. Antihypertensive 4-(2-imidazolin-2-ylamino)-2-methyl-indazole. 4,526,898, 7-2-85, Cl. 514-392.000.

Molnar, John, to Caterpillar Tractor Co. Seat and self-locking cushion assembly therefor. 4,544,205, 10-1-85, Cl. 297-455.000.

Molnar, Jozsef: *See—*

Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, 4,533,638, Cl. 435-288.000.

Molnar, Kalman, to National Semiconductor Corporation. Circuit arrangement for controlled interconnection of signal sources and signal destinations. 4,495,497, 1-22-85, Cl. 340-825.630.

Molnar, Laszlo: *See—*

Banfi, Andras; Leibinger, Janos; Molnar, Laszlo; Nadori nee Kozel, Gizella; and Tar, Sandor, 4,503,047, Cl. 424-195.100.

Molnar, Rick K., to Hawk Industries, Inc. Mastic applicator and adjustable blade assembly. 4,516,868, 5-14-85, Cl. 401-5.000.

Molnar, Robert, to Simnar, Inc. Fish decapitator and eviscerator. 4,551,885, 11-12-85, Cl. 17-59.000.

Molnar, Sandor, to Swiss Aluminium Ltd. Cathode for a fused salt reduction cell. 4,511,449, 4-16-85, Cl. 204-243.00R.

Molnlycke AB: *See—*

Lunden, Bertil, 4,524,895, Cl. 225-19.000.

Moloney, Kieron J., to Lucas Industries Public Limited Company. Reciprocable plunger fuel injection pump. 4,519,299, 5-28-85, Cl. 92-129.000.

Molrose Management, Ltd.: *See—*

Bedard, Pierre, 4,506,394, Cl. 3-1.500.

Molson Companies Limited, The: *See—*

Weaver, Robert L.; Van Gheluwe, Joris E. A.; and McKee, John A., 4,495,204, Cl. 426-16.000.

Molstedt, Byron V.: *See—*

Allan, David E.; Molstedt, Byron V.; and Mohan, Raam R., 4,501,820, Cl. 502-27.000.

Molt, Kenneth R., to Morton Thiokol, Inc. Stabilizers for halogen containing polymers comprising zinc mercaptoesters, basic inorganic alkali or alkaline earth metal compounds and, substituted dihydropyridines. 4,515,916, 5-7-85, Cl. 524-99.000.

Moltner, Hermann: *See—*
  Staat, Karl-Hans; and Moltner, Hermann, 4,501,134, Cl. 72-8.000.
Moltrasio, Mario; and Perrucchini, Vincenzo, to Car-ventomatic S.p.A. System for picking up and separating bags from a pack to be applied to automatic bag inserting apparatus. 4,516,762, 5-14-85, Cl. 271-11.000.
Molyneux-Berry, Robert B., to Marconi Company Limited, The. Inductor. 4,494,167, 1-15-85, Cl. 361-270.000.
Molzahn, Marcelle G.: *See—*
  Haluska, Loren A.; and Molzahn, Marcelle G., 4,554,354, Cl. 548-110.000.
Molzer, Peter; Pollner, Jurgen; Topic, Nicola; Trummer, Gregor; and Zurek, Rudolf, to Krauss-Maffei Aktiengesellschaft. Apparatus for mounting rails on a rigid rail beam. 4,512,560, 4-23-85, Cl. 269-20.000.
Mombelli, Paup, to I.C.B. France Industrie et Componsants du Batiment Societe Anonyme. Electronically motorized lock whose motor shaft is parallel to the longitudinal axis of the bolts. 4,519,640, 5-28-85, Cl. 292-33.000.
Momiyama, Kikuo, to Canon Kabushiki Kaisha. Light measurement device for single lens reflex camera. 4,509,849, 4-9-85, Cl. 354-479.000.
Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, to Canon Kabushiki Kaisha. Finder for single lens reflex camera. 4,519,685, 5-28-85, Cl. 354-154.000.
Momiyama, Kikuo; and Fujibayashi, Kazuo, to Canon Kabushiki Kaisha. Single lens reflex camera with light measuring device. 4,544,256, 10-1-85, Cl. 354-429.000.
Momma, Tetuo: *See—*
  Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, 4,559,973, Cl. 138-138.000.
Momma, Yoshinobu; Funatsu, Tsuneo; and Sasaki, Atusi, to Fujitsu Limited. Semiconductor device and a method of manufacturing the same. 4,497,106, 2-5-85, Cl. 29-571.000.
Momma, Yoshinobu: *See—*
  Kawabe, Yunosuke; and Momma, Yoshinobu, 4,546,537, Cl. 29-576.00W.
Mommers, Wilhelmus M. A. Key keeper. 4,523,443, 6-18-85, Cl. 70-459.000.
Mommsen, Gordon V.; and Marfatia, Anil, to Graco Inc. Energy damping device for spray gun. 4,497,447, 2-5-85, Cl. 239-691.000.
Mommsen, Gordon V.; and Hemming, Dale R., to Graco Inc. Compact voltage multiplier for spray guns. 4,554,622, 11-19-85, Cl. 363-61.000.
Momono, Masakichi; Moriya, Hisanori; Souma, Masahiro; and Hamashima, Eiji, to Hitachi, Ltd.; and Hitachi Automotive Engineering Co., Ltd. Magnetic fuel injection valve. 4,520,962, 6-4-85, Cl. 239-585.000.
Momose, Atsushi: *See—*
  Asano, Yuichiro; Hirahashi, Akira; Ohga, Suehisa; Yabe, Tadashi; Kurita, Kunio; and Momose, Atsushi, 4,492,472, Cl. 356-376.000.
Momose, Haruhiko; Takahashi, Toshiaki; Hoshino, Yasushi; Matsushima, Kohji; and Yagi, Michio, to Konishiroku Photo Industry Co., Ltd. Automatic focus adjusting device. 4,541,702, 9-17-85, Cl. 354-400.000.
Momose, Haruo: *See—*
  Miwa, Kiyoshi; Terabe, Mahito; Ishida, Masaaki; Matsui, Hiroshi; and Momose, Haruo, 4,560,654, Cl. 435-115.000.
Momose, Katsumi: *See—*
  Okutsu, Kazuhisa; Momose, Katsumi; and Hiraga, Ryozo, 4,530,604, Cl. 356-401.000.
Momose, Tsugio: *See—*
  Kubo, Kanji; Momose, Tsugio; and Izumi, Chikahiko, 4,500,959, Cl. 364-200.000.
Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, to Showa Aluminum Corporation; and Aisin Seiki Kabushiki Kaisha. Cooler made of aluminum for Stirling engines. 4,532,771, 8-6-85, Cl. 62-6.000.
Momose, Yutaka: *See—*
  Watanabe, Tetsumi; Haramura, Shigenori; and Momose, Yutaka, 4,532,767, Cl. 60-525.000.
Momoshima, Yukichi; Nagasaka, Nobuyuki; and Mine, Mamoru, to Kabushiki Kaisha Daini Seikosha. Electronic musical instrument. 4,497,235, 2-5-85, Cl. 84-1.190.
Momoshima, Yukichi; and Nagasaka, Nobuyuki, to Kabushiki Kaisha Daini Seikosha. Musical sound wave generating circuit for electronic musical instrument. 4,515,057, 5-7-85, Cl. 84-1.030.
Momoshima, Yukichi: *See—*
  Nagasaka, Nobuyuki; and Momoshima, Yukichi, 4,513,650, Cl. 84-1.030.
Momyer, William R.; and Littauer, Ernest L., to Lockheed Missiles & Space Company, Inc. Air cathode structure manufacture. 4,514,474, 4-30-85, Cl. 429-27.000.
Mona Industries, Inc.: *See—*
  Mayhew, Raymond L.; and O'Lenick, Anthony J., 4,503,002, Cl. 260-945.000.
Monaghan, George J., to Energy Fibers Int'l. Corp. High quality mineral wool. 4,504,544, 3-12-85, Cl. 428-357.000.
Monaghan, Richard L.; Goetz, Michael A.; and Chang, Raymond S. L., to Merck & Co., Inc. Cholecystokinin antagonists. 4,530,790, 7-23-85, Cl. 260-239.30P.
Monaghan, Richard L.; and Kong, Yu-Lin, to Merck & Co., Inc. Choline oxidase inhibitor. 4,540,575, 9-10-85, Cl. 424-115.000.
Monaghan, Richard L.: *See—*
  Zimmerman, Sheldon B.; Wilson, Kenneth E.; Monaghan, Richard L.; Del Val, Sagrario M.; Fernandez, Maria I. M.; Hensens, Otto D.; Flor, James E.; and Deriso, Cheryl, 4,545,991, Cl. 514-100.000.
Monagle, Charles W.; and Smith, Janet C., to Central Soya Company, Inc. Process for breading food. 4,518,620, 5-21-85, Cl. 426-291.000.
Monahan, Daniel E. Automatic tracking system with infrared and ultraviolet detection. 4,549,078, 10-22-85, Cl. 250-203.00R.
Monahan, John F.: *See—*
  Olson, Charles L.; and Monahan, John F. 4,513,321, Cl. 358-172.000.
  Wood, Robert F., Jr.; Monahan, John F.; and Levine, Peter A., 4,525,743, Cl. 358-213.000.
Monahan, William Jay: *See—*
  Daniels, Jean G., 4,518,198, Cl. 297-229.000.
Monai, Jean: *See—*
  Mailliet, Pierre; Andonov, Radomir; Stomp, Hubert; and Monai, Jean, 4,533,125, Cl. 266-226.000.
Monarch Knitting Machinery Corp.: *See—*
  Gutschmit, Alan; and York, Paul W., 4,537,048, Cl. 66-93.000.
Monarch Marking Systems, Inc.: *See—*
  Brister, Eneas E.; and Williams, Frederick P., 4,522,672, Cl. 156-238.000.
  Derringer, Gene R., 4,554,711, Cl. 24-150.0FP.
  Hamisch, Paul H., Jr., 4,497,682, Cl. 156-384.000.
  Hamisch, Paul H., Jr., 4,498,389, Cl. 101-288.000.
  Hamisch, Paul H., Jr.; and Makley, James A., 4,498,947, Cl. 156-384.000.
  Hamisch, Paul H., Jr.; and Mistyurik, John D., 4,511,422, Cl. 156-384.000.
  Hamisch, Paul H., Jr.; and Mistyurik, John D., 4,561,926, Cl. 156-381.000.
  Ivary, David J.; and Kirby, Raymond L., Jr., 4,508,252, Cl. 226-44.000.
  Jacobson, David N., 4,521,267, Cl. 156-249.000.
  Karn, Donald L., 4,524,686, Cl. 101-111.000.
  Kirby, Raymond L., Jr., 4,553,476, Cl. 101-111.000.
  Makley, James A., 4,549,483, Cl. 101-45.000.
  Mistyurik, John D., 4,516,498, Cl. 101-288.000.
  Mistyurik, John D., 4,544,434, Cl. 156-384.000.
  Okabe, Shinsuke, 4,502,383, Cl. 101-111.000.
  Pabodie, Robert M.; and Hamisch, Paul H., Jr., 4,496,049, Cl. 206-395.000.
  Pou, Frederick M.; and Straub, Richard L., 4,516,497, Cl. 101-240.000.
  Pou, Frederick M.; and Straub, Richard L., 4,533,269, Cl. 400-582.000.
  Torbeck, Daniel J., 4,556,442, Cl. 156-350.000.
Monarch Tool & Manufacturing Co.: *See—*
  Hall, Mitchell A., 4,549,418, Cl. 70-85.000.
Monarch Wine Co., Inc.: *See—*
  Pato, Carlos M., 4,514,306, Cl. 210-740.000.
  Zaltsman, Efim, 4,513,870, Cl. 215-31.000.
Monark-Crescent AB: *See—*
  Kaufeldt, Roland, 4,505,315, Cl. 157-1.500.
Monash University: *See—*
  Agnew, John B.; Barnard, John A.; and Tirtaatmadja, Viyada, 4,491,515, Cl. 208-180.000.
Monat, Robert A., to RCA Corporation. Teletext system having user prompt commands. 4,556,904, 12-3-85, Cl. 358-147.000.
Monatex S.A.: *See—*
  Gutschmit, Alan; and York, Paul W., 4,537,048, Cl. 66-93.000.
Monbaron, Jean-Jacques; and Bui, Ngoc C., to Asulab S.A. Apparatus for introducing control words by speech. 4,509,133, 4-2-85, Cl. 364-513.500.
Moncada, Salvador, to Burroughs Wellcome Co. Prostacyclin, methods of using and method of making. 4,539,333, 9-3-85, Cl. 514-469.000.
Moncelle, Michael E.: *See—*
  Earleson, Walter E.; King, Dennis M.; and Moncelle, Michael E., 4,498,016, Cl. 290-40.00R.
Monch, Sigurd: *See—*
  Listemann, Peter; and Monch, Sigurd, 4,518,662, Cl. 428-675.000.
Moncrief, Jack W.: *See—*
  Kulin, Ralph; Moncrief, Jack W.; Popovich, Robert P.; and Stauber, Ronald C., 4,503,333, Cl. 250-455.100.
Moncrief, Marion L., Jr.: *See—*
  Hernandez, Rafael; Chow, Edmund E.; Moncrief, Marion L., Jr.; and Glass, Frank S., 4,497,033, Cl. 364-551.000.
Moncur, Marlowe V.: *See—*
  Woodbrey, James C.; Moncur, Marlowe V.; and Hedrick, Ross M., 4,546,147, Cl. 525-183.000.
Mondaine Watch Ltd.: *See—*
  Bettschen, Josef, 4,558,956, Cl. 368-291.000.
Mondardini, Massimo, to Urmet Sud S.p.A. Public telephone method and apparatus wherein the user's personal telephone number and a personal dialing code are used to effect debiting charges. 4,518,824, 5-21-85, Cl. 179-6.3CC.
Mondek, Martin J.: *See—*
  Hall, Charles B.; and Mondek, Martin J., 4,500,298, Cl. 440-62.000.
  Hall, Charles B.; and Mondek, Martin J., 4,507,092, Cl. 440-89.000.
Mondel, Karl: *See—*
  Seifert, Helmut; and Mondel, Karl, 4,508,286, Cl. 242-107.000.
Monden, Norbert, to Hermann Heye. Method of and apparatus for making a parison. 4,518,409, 5-21-85, Cl. 65-79.000.
Monden, Tsuneo; Ozu, Masao; and Ikegami, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotary shaft for compressor. 4,508,495, 4-2-85, Cl. 418-63.000.

Mondet, Jean: *See—*
Guillon, Michel; Mondet, Jean; Papantoniou, Christos; and Vandenbossche, Claudine, 4,492,686, Cl. 424-61.000.

Mondini, Anthony J.: *See—*
Herstein, Barry S.; and Mondini, Anthony J., 4,559,022, Cl. 446-438.000.

Mondini, Giancarlo: *See—*
Weber, Kurt; Mondini, Giancarlo; and Mandl, Gerhard, 4,519,821, Cl. 55-290.000.

Mondorf, Paul: *See—*
Dinis, Antonio; de la Fuente, Carlos; and Mondorf, Paul, 4,505,081, Cl. 52-223.00L.

Mondrush, Ronald L. Seat. 4,495,887, 1-29-85, Cl. 297-118.000.

Mondt, Josef; and Wirth, Thaddaus, to Hoechst Aktiengesellschaft. Process for the preparation of an aqueous copolymer dispersion. 4,522,972, 6-11-85, Cl. 524-548.000.

Monell Chemical Senses Center: *See—*
Labows, John N., Jr.; Webster, Guy; and McGinley, Kenneth J., 4,542,097, Cl. 435-126.000.
Reidinger, Russell F., Jr., 4,541,199, Cl. 43-131.000.

Monerie, Michel; and Leclert, Alain. Process and apparatus for the coherent detection and demodulation of a phase-modulated carrier wave in a random polarization state. 4,506,388, 3-19-85, Cl. 455-616.000.

Mones, Arthur H.: *See—*
Huston, Dennis L.; Kardashian, Vahram S.; and Mones, Arthur H., 4,498,954, Cl. 156-651.000.

Moneta, Casimir, to J. I. Case Company. Steering wheel. 4,537,089, 8-27-85, Cl. 74-493.000.

Monett, Edward, to Roller Corporation of America. Impact resistant assembly. 4,507,035, 3-26-85, Cl. 411-377.000.

Monett, Michael R., to Memory Technology, Inc. Rapid starting variable frequency oscillator with minimum startup perturbations. 4,533,881, 8-6-85, Cl. 331-36.00C.

Money, David K.; Swift, Stephen; MacLaurin, Andrew; and Frost, John G., to Telectronics Pty. Ltd. Physiological event recognition techniques for use with a delta modulator. 4,509,529, 4-9-85, Cl. 128-708.000.

Money, David K., to Telectronics Pty. Ltd. Automatic P-well clamping for CMOS integrated circuit. 4,513,212, 4-23-85, Cl. 307-575.000.

Money, David K., to Telectronics Pty. Ltd. Self-balancing current sources for a delta modulator. 4,527,133, 7-2-85, Cl. 332-11.00D.

Money, David K.: *See—*
Crosby, Peter A.; Daly, Christopher N.; Money, David K.; Patrick, James F.; Seligman, Peter M.; and Kuzma, Janusz A., 4,532,930, Cl. 128-419.00R.
Daly, Christopher N.; and Money, David K., 4,533,988, Cl. 363-127.000.
Patrick, James F.; Crosby, Peter A.; Kuzma, Janusz A.; and Money, David K., 4,522,209, Cl. 128-419.00R.

Money, Durward G.: *See—*
Parker, Samuel S.; Marshall, Charles W.; and Money, Durward G., 4,524,683, Cl. 100-3.000.

Money, Michael F. Foldable pen. 4,508,464, 4-2-85, Cl. 401-6.000.

Monfort, Archie. Holder of sheet music. 4,502,657, 3-5-85, Cl. 248-451.000.

Monfort, Michael R.: *See—*
Rivkin, Bernard W.; and Monfort, Michael R., 4,533,288, Cl. 411-176.000.

Mongan, Edwin L., Jr.: *See—*
Gramm, Jeffrey S.; Mongan, Edwin L., Jr.; and Sheeran, Patrick J., 4,495,108, Cl. 260-453.700.

Mongelli, Julio. Multi-coin coin chute. 4,509,630, 4-9-85, Cl. 194-1.00G.

Mongelli, Nicola; and Gandolfi, Carmelo, to Farmitalia Carlo Erba S.p.A. 15-cycloaliphatic derivatives of 13,14-didehydro-carboprostacyclins and process for their preparation. 4,514,396, 4-30-85, Cl. 514-222.000.

Mongeon, Robert J.: *See—*
Chenausky, Peter P.; Mongeon, Robert J.; and Laughman, Lanny M., 4,521,109, Cl. 356-349.000.
Wayne, Robert J.; Laughman, Lanny M.; Mongeon, Robert J.; and Chenausky, Peter P., 4,498,179, Cl. 372-27.000.
Wayne, Robert J.; Henschke, Robert W.; and Mongeon, Robert J., 4,528,668, Cl. 372-26.000.

Mongia, Hukam C.; Coleman, Edwin B.; and Bruce, Thomas W., to Garrett Corporation, The. Gas turbine engine variable geometry combustor apparatus. 4,532,762, 8-6-85, Cl. 60-39.230.

Mongia, Hukam C.; Coleman, Edwin B.; and Bruce, Thomas W., to Garrett Corporation, The. Variable geometry combustor apparatus. 4,545,196, 10-8-85, Cl. 60-39.230.

Mongiello, Angelo. Cheese cooking system. 4,541,329, 9-17-85, Cl. 99-455.000.

Mongiello, Angelo, Jr. Shark protection device. 4,541,194, 9-17-85, Cl. 43-6.000.

Monhardt, Richard J.; Orr, Alfred B.; and Wright, Joseph B., to United Technologies Corporation. Beam for a containment structure. 4,500,252, 2-19-85, Cl. 415-9.000.

Monick, Frederick R., to Eaton Corporation. Power screw disc brake with internal automatic slack adjuster. 4,491,203, 1-1-85, Cl. 188-71.900.

Monier Resources, Inc.: *See—*
Raba, Carl F., Jr.; Smith, Robert L.; and Huang, Francis Y., 4,498,993, Cl. 210-710.000.

Monigold, Larry E.; and Lewis, Ordale, to Kysor Industrial Corporation. Mechanical engine protection system. 4,526,140, 7-2-85, Cl. 123-41.150.

Moniod, Jean-Michel: *See—*
Houdayer, Bernard; Le Fur, Bernard; Meneghin, Rene ; and Moniod, Jean-Michel, 4,555,208, Cl. 413-2.000.

Moniot, Jerome L.: *See—*
Thottathil, John K.; Moniot, Jerome L.; Floyd, David; and Brandt, Steven, 4,501,901, Cl. 548-532.000.

Moniotte, Philippe G., to Monsanto Europe, S.A. Organic thiosulphates and thiosulphonates useful as stabilizing agents for rubber vulcanizates. 4,520,154, 5-28-85, Cl. 524-157.000.

Moniotte, Philippe G.: *See—*
Delseth, Jean-Marc; Mauer, Daniel E.; and Moniotte, Philippe G., 4,532,080, Cl. 556-139.000.
Devaux, Albert F. L. G.; and Moniotte, Philippe G., 4,552,929, Cl. 525-332.600.

Moniteq Ltd.: *See—*
Zwick, Harold H., 4,543,481, Cl. 250-339.000.

Monitronik Ltee: *See—*
Taylor, Frank; and Maurer, Klemens, 4,514,104, Cl. 403-14.000.

Monk, Kermit R. Water temperature display and flow control apparatus. 4,509,550, 4-9-85, Cl. 137-551.000.

Monk, Peter H. Heated mitten. 4,543,671, 10-1-85, Cl. 2-158.000.

Monkovic, Ivo; and Crenshaw, Ronnie R., to Bristol-Myers Company. 3,4-disubstituted-1,2,5-oxadiazoles having histamine H_2-receptor antagonist activity. 4,507,485, 3-26-85, Cl. 546-210.000.

Monks, Frank E., to Aluminum Company of America. Foil rolling method and apparatus. 4,530,230, 7-23-85, Cl. 72-363.000.

Monlouis, Claude: *See—*
Malissin, Roland; and Monlouis, Claude, 4,554,653, Cl. 369-45.000.

Monma, Masayuki; and Kuramochi, Hiroshi, to Kokoku Rubber Industrial Company Limited. Electrically conductive polymeric composition. 4,529,539, 7-16-85, Cl. 252-518.000.

Monnais, Christian; Cotteret, Jean; and Bugaut, Andre, to L'Oreal. Dyeing compositions based on oxidation dyestuff precursors and on nitro benzene dyestuffs and their use for dyeing keratin fibres. 4,511,360, 4-16-85, Cl. 8-405.000.

Monnais, Christian: *See—*
Grollier, Jean-Francois; Monnais, Christian; and Peritz, Lyonel, 4,555,246, Cl. 8-405.000.

Monne, Maxime, to Intercontrole Societe Anonyme. Mobile positioning body introduction device. 4,508,063, 4-2-85, Cl. 122-504.000.

Monnerie, Lucien: *See—*
Broussoux, Dominique; Facoetti, Hugues; Micheron, Francois; and Monnerie, Lucien, 4,521,322, Cl. 252-62.900.

Monnet, Bernard, to Pont-a-Mousson S.A. Method for injection moulding coated parts from plastics material. 4,497,763, 2-5-85, Cl. 264-255.000.

Monnier, Jean-Pierre, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Gas mixers. 4,549,563, 10-29-85, Cl. 137-100.000.

Monno, Asao: *See—*
Funyu, Yutaka; Okumura, Tadashi; Monno, Asao; and Shimizu, Masami, 4,491,731, Cl. 250-358.100.

Mono-Flo Lister Limited: *See—*
Mallinson, Ronald I., 4,516,533, Cl. 119-72.000.

Mono Power Company: *See—*
Gallup, Darrell L.; and Featherstone, John L., 4,522,728, Cl. 210-714.000.

Monod, Marie-Odile: *See—*
Gille, Etienne; Lucas, Jean; Mechineau, Didier; and Monod, Marie-Odile, 4,522,841, Cl. 427-4.000.

Monogram Industries, Inc.: *See—*
Pratt, John D.; and Ramirez, Raymond, 4,537,542, Cl. 411-55.000.
Pratt, John D., 4,548,533, Cl. 411-55.000.

Monolithic Memories, Inc.: *See—*
Newman, Robert; and Johnson, Fred, 4,545,840, Cl. 156-276.000.
Swain, Thomas L., 4,533,043, Cl. 206-328.000.
Wong, Sing Y.; and Birkner, John M., 4,554,640, Cl. 364-716.000.

Monopoli, Eileen F., executrix: *See—*
Strunk, Richard D.; Kasten, Robert E.; and Monopoli, Richard V., deceased, 4,495,577, Cl. 364-424.000.

Monopoli, Richard V., deceased: *See—*
Strunk, Richard D.; Kasten, Robert E.; and Monopoli, Richard V., deceased, 4,495,577, Cl. 364-424.000.

Monreal Urzay, Dario. Process for converting the internal energy of liquid CO_2 into mechanical energy capable of producing work as it changes from liquid to gas over its critical temperature. 4,543,788, 10-1-85, Cl. 60-531.000.

Monroe, David R.: *See—*
D'Aniello, Michael J., Jr.; Monroe, David R.; and Krueger, Martin H., 4,548,911, Cl. 502-28.000.

Monroe Electronics, Inc.: *See—*
Conway, John T.; and Albone, Robert C., 4,562,429, Cl. 340-657.000.

Monroe, Patrick G.: *See—*
Edson, James B.; and Monroe, Patrick G., 4,532,507, Cl. 340-825.310.

Monroy, Agustin: *See—*
Gris, Yvon; and Monroy, Agustin, 4,561,932, Cl. 156-643.000.

Monsanto Company: *See—*
Agrawal, Purushottam D.; and Mandell, John F., 4,497,855, Cl. 428-35.000.
Auvil, Steven R.; and Mills, Patrick L., 4,503,260, Cl. 568-462.000.
Bachman, Gerald L.; and Vineyard, Billy D., 4,515,731, Cl. 260-465.00D.
Barker, Robert I.; King, David P.; and Pawlowski, Henry A., 4,552,025, Cl. 73-846.000.

- Beestman, George B., 4,534,783, Cl. 71-27.000.
- Bekker, Vladimir; Buchheim, Wayne J.; Vanderlinde, William; and Wang, Donald S. T., 4,547,428, Cl. 428-402.000.
- Bollinger, Frederic G., 4,542,609, Cl. 47-57.600.
- Broaddus, Wayne R.; Jaber, Khalil N.; and Orofino, Thomas A., 4,515,839, Cl. 428-17.000.
- Carter, Don E.; and Yuen, Henry K., 4,508,101, Cl. 126-436.000.
- Chupp, John P.; Ku, Audrey Y.; Neumann, Thomas E.; and Nickson, Thomas E., 4,532,353, Cl. 564-442.000.
- Chupp, John P.; and Balthazor, Terry M., 4,540,522, Cl. 260-465.00E.
- Cohen, Saul M.; and LeBlanc, John R., 4,555,319, Cl. 204-159.210.
- Coleman, James P.; Hallcher, Richard C.; Rogers, Thomas E.; and McMackins, Dudley E., 4,526,990, Cl. 549-326.000.
- Coleman, James P.; Hallcher, Richard C.; McMackins, Dudley E.; Penquite, Charles R.; and Auvil, Steven R., 4,560,775, Cl. 549-326.000.
- Coran, Aubert Y.; and Patel, Raman, 4,555,552, Cl. 525-456.000.
- Croskell, Henry; and Graham, Tommy E., 4,518,399, Cl. 55-16.000.
- Cutchens, Charles E.; Mathews, Marion J., III; and Sowell, Mark S., III, 4,491,673, Cl. 564-492.000.
- Deex, Oliver D., 4,536,562, Cl. 528-193.000.
- Donermeyer, Donald D.; Martins, Joseph G.; and Fabel, David A., 4,542,047, Cl. 427-374.400.
- Donermeyer, Donald D.; Martins, Joseph G., deceased; and Martins, Joseph C., executor, 4,548,996, Cl. 525-420.500.
- DuFour, Daniel L., 4,500,679, Cl. 525-64.000.
- Dufour, Daniel L.; and Jones, William J., 4,508,870, Cl. 525-64.000.
- Dyroif, David R.; Chou, Yueting; and Cova, Dario R., 4,502,923, Cl. 203-71.000.
- Dyroff, David R., 4,542,206, Cl. 528-488.000.
- Ebner, Jerry R., 4,504,420, Cl. 260-465.300.
- Fabel, David A.; Hoagland, John C.; and Woodworth, Chester L., 4,545,504, Cl. 222-55.000.
- Fisher, Don E.; and Wilkie, Arnold E., 4,534,161, Cl. 57-125.000.
- Forster, Denis; and Schaefer, George F., 4,518,809, Cl. 568-840.000.
- Franz, John E., 4,495,363, Cl. 560-155.000.
- Franz, John E.; and Kaufman, Robert J , 4,496,389, Cl. 71-86.000.
- Franz, John E., 4,505,736, Cl. 71-76.000.
- Franz, John E.; and Kaufman, Robert J., 4,545,804, Cl. 71-86.000.
- Franz, John E.; and Zwikelmaier, Kurt E., 4,556,415, Cl. 71-100.000.
- Goffe, Randal A., 4,493,629, Cl. 425-192.00S.
- Gomez, I. Luis, 4,514,464, Cl. 428-332.000.
- Gomez, I. Luis, 4,537,828, Cl. 428-412.000.
- Goodin, Richard D.; and Chupp, John P., 4,493,755, Cl. 204-73.00R.
- Heaps, John F.; and Erickson, Dennis E., 4,517,327, Cl. 524-315.000.
- Heaps, John F.; and Erickson, Dennis E., 4,554,319, Cl. 525-155.000.
- Higginbottom, Harold P., 4,501,864, Cl. 525-484.000.
- Higginbottom, Harold P.; and Drumm, Manuel F., 4,507,428, Cl. 524-596.000.
- Higginbottom, Harold P.; and Drumm, Manuel F., 4,557,979, Cl. 428-460.000.
- Hobbs, Charles F., 4,511,672, Cl. 502-243.000.
- Hobbs, Charles F., 4,514,519, Cl. 502-243.000.
- Holtrop, James S.; and Maurer, Richard P., 4,526,829, Cl. 428-245.000.
- Holtrop, James S.; and Maurer, Richard P., 4,529,641, Cl. 428-198.000.
- Holtrop, James S.; and Maurer, Richard P., 4,531,994, Cl. 156-307.300.
- Holtrop, James S.; and Maurer, Richard P., 4,557,970, Cl. 428-316.600.
- King, Christopher J. H., 4,500,403, Cl. 204-255.000.
- Kishore, Ganesh M., 4,562,151, Cl. 435-108.000.
- Ku, Audrey Y.; Chupp, John P.; and Balthazor, Terry M., 4,496,765, Cl. 564-440.000.
- Kuechler, Thomas C.; Ebner, Jerry R.; and Li, Tao P., 4,521,395, Cl. 423-376.000.
- Kwentus, Gerald K.; and Suda, Michael, 4,501,907, Cl. 549-259.000.
- Leffingwell, James W., 4,505,960, Cl. 428-17.000.
- Lewis, Charles, Jr.; Olander, Jitka V.; and Tolbert, William R., 4,533,496, Cl. 260-112.00R.
- Li, Tao P., 4,547,484, Cl. 502-249.000.
- Malon, Raymond F.; and Zampini, Anthony, 4,530,703, Cl. 55-16.000.
- Morita, Eiichi, 4,496,683, Cl. 524-571.000.
- Mottus, Edward H., 4,508,866, Cl. 524-401.000.
- Mottus, Edward H., 4,510,285, Cl. 524-401.000.
- Mottus, Edward H., 4,517,329, Cl. 524-401.000.
- Nelson, G. Douglas; and Vazopolos, Steve, 4,557,926, Cl. 424-19.000.
- Nickson, Thomas E., 4,503,276, Cl. 568-936.000.
- Olive, Salvador; and Olive, Gisela, 4,507,324, Cl. 428-375.000.
- Otstot, Roger S.; and Runkle, Charles J., 4,517,720, Cl. 29-157.00R.
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- Patel, Raman, 4,555,546, Cl. 525-194.000.
- Plischke, LeMoyne W., 4,501,882, Cl. 528-336.000.
- Pollard, Robert E., 4,518,728, Cl. 524-88.000.
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- Ruest, Dennis A.; Takano, Masaharu; and Wolf, Lawrence R., 4,524,077, Cl. 514-557.000.
- Runkle, Charles J., 4,498,616, Cl. 225-1.000.
- Runkle, Charles J., 4,540,109, Cl. 225-1.000.
- Schafer, David E.; and Czajkowski, Albert J., 4,507,143, Cl. 71-87.000.
- Shen, Chung Y., 4,547,589, Cl. 562-572.000.
- Siebert, Oliver W., 4,510,171, Cl. 427-34.000.
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- Sikorski, James A.; and Hoobler, Mary A., 4,554,009, Cl. 071-087.000.
- Singh, Rajendra K., 4,505,735, Cl. 71-086.000.
- Surgant, John M., 4,544,693, Cl. 524-375.000.
- Tolbert, William R.; Feder, Joseph; and Lewis, Charles, Jr., 4,537,860, Cl. 435-240.000.
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- Tou, Jacob S.; and Schleppnik, Alfred A., 4,521,344, Cl. 260-465.00D.
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- Ucci, Pompelio A.; and Blyth, Randolph C., 4,501,591, Cl. 8-495.000.
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- Pirkle, James C., Jr.; Montagna, Angelo A.; and Ruziska, Philip A., 4,536,380, Cl. 423-359.000.
- Vanderspurt, Thomas H.; Richard, Michael A.; and Montagna, Angelo A., 4,499,204, Cl. 502-301.000.

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Montagu, Jean I., to General Scanning Inc. Resonant actuator for optical scanning. 4,502,752, 3-5-85, Cl. 350-6.600.

Montagu, Jean I.; and Pelsue, Kurt A., to General Scanning Inc. Positioner for optical element. 4,525,030, 6-25-85, Cl. 350-255.000.

Montagu, Jean I., to General Scanning Inc. Actuator with compensating flux path. 4,528,533, 7-9-85, Cl. 335-230.000.

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- Montana, Donald M.; and Herd, Randy S., to United States of America, Air Force. Range-only multistatic radar system. 4,499,468, 2-12-85, Cl. 343-15.000.
- Montana, Frank J., to Bisco Products, Inc. Flue gas duct assembly. 4,557,297, 12-10-85, Cl. 138-141.000.
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  - Fiore, Leonardo; Binaghi, Marco; and Bonicelli, Ugo, 4,503,190, Cl. 525-108.000.
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  - Venturello, Carlo; D'Aloisio, Rino; and Ricci, Marco, 4,562,276, Cl. 556-20.000.
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Montierth, Max R., to Corning Glass Works. Apparatus for fabrication of solid particulate filters. 4,557,682, 12-10-85, Cl. 425-121.000.
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  Darcangelo, Charles M.; Montierth, Max R.; and Ni, Yang-Chou M., 4,514,205, Cl. 65-12.000.
Montigny, Jean, to Centrale Laitiere de Haute Normandie. Method of re-suspending flocculated milk casein to obtain protein enriched dairy raw material. 4,550,028, 10-29-85, Cl. 426-582.000.
Montle, Robert E., to Sackner Products, Inc. Upholstery welt cord. 4,547,426, 10-15-85, Cl. 428-377.000.
Montle, Robert E.: *See—*
  Sandberg, Robert N.; and Montle, Robert E., 4,545,283, Cl. 87-6.000.
Montlick, Terry; Skoge, Klaus; Vetter, David C.; and Ahrens, Paul R., to Milton Bradley Company. Combination speech synthesis and recognition apparatus. 4,520,499, 5-28-85, Cl. 381-36.000.
Montmartin, Henri: *See—*
  Saint-Prix, Robert; and Montmartin, Henri, 4,511,280, Cl. 403-274.000.
Montomec s.r.l.: *See—*
  Mambelli, Giancarlo, 4,545,450, Cl. 180-53.100.
Montoya, Raul C.: *See—*
  Marron, Antonio G., 4,502,457, Cl. 125-11.00A.
Montres Universal S.A.: *See—*
  Meister, Leonhard, 4,522,508, Cl. 368-276.000.
Montress, Gary K.: *See—*
  Grudkowski, Thomas W.; and Montress, Gary K., 4,495,431, Cl. 310-313.00B.
Montrose Chemical Corporation of California: *See—*
  Schillawski, Richard D., 4,513,152, Cl. 568-492.000.
Monzer, Helmut, to Hoechst Aktiengesellschaft. Process and device for qualitative and quantitative measurement of irregularities and impurities on and in transparent or semitransparent flexible sheet materials. 4,560,277, 12-24-85, Cl. 356-357.000.
Monzon Indave, Martin. Installation for the manufacture by a continuous process of compound panels for building construction. 4,541,164, 9-17-85, Cl. 29-430.000.
Moodie, Eldon E.; and Burns, Richard D., to General Electric Company. Connection insulators. 4,533,587, 8-6-85, Cl. 428-166.000.
Moody, Albert L., to F. C. Brown Rentals, Inc. Cup marking attachment for beverage dispensing machines. 4,519,428, 5-28-85, Cl. 141-98.000.
Moody, Arlin R.; and Moody, Bobby J. Combination clean-out and drilling tool. 4,505,341, 3-19-85, Cl. 175-65.000.
Moody, Bobby J.: *See—*
  Moody, Arlin R.; and Moody, Bobby J., 4,505,341, Cl. 175-65.000.
Moody, Gerald W. Apparatus for cutting ceramic tile. 4,504,003, 3-12-85, Cl. 225-96.500.
Moody, Roy A.; Bulanda, John J.; Levin, Robert F.; Timian, Steven S.; and Waltasti, Stephen A., to Panduit Corp. Tool for the automatic installation of discrete cable ties provided on a continuous ribbon of cable ties. 4,498,506, 2-12-85, Cl. 140-93.200.
Moody, Roy A.; Kirsinas, Peter; and Turek, James A., to Panduit Corp. Portable mass termination tool. 4,527,328, 7-9-85, Cl. 29-749.000.
Moody, Roy A.: *See—*
  Caveney, Jack E.; Moody, Roy A.; Bulanda, John J.; and Wende, Russell E., 4,519,129, Cl. 29-749.000.
  Yudis, Donald W.; and Moody, Roy A., 4,510,649, Cl. 24-16.0PB.
Moody, Stephen E.: *See—*
  Grynberg, Jack; Nelson, Leonard Y.; and Moody, Stephen E., 4,492,862, Cl. 250-255.000.
Moog Automotive, Inc.: *See—*
  Fister, Louis P.; Pearson, Herby O.; and Fitch, Lawrence H., 4,518,058, Cl. 180-300.000.
  Martin, Tony E., 4,515,042, Cl. 81-55.000.
Moog S.A.R.L.: *See—*
  Contartese, Giulio; and Dietz, Joachim, 4,513,782, Cl. 137-625.630.
Mooij, Joop N.: *See—*
  Bus, Isaak; and Mooij, Joop N., 4,559,113, Cl. 204-15.000.
Mooiman, Michael B.: *See—*
  Miller, Jan D.; and Mooiman, Michael B., 4,540,435, Cl. 75-118.00R.
Mooiweer, Gerben D., to Douwe Egberts Koninklijke Tabaksfabriek-Koffiebranderijen-Theehandel B.V. Process for the decaffeination of green coffee beans. 4,495,211, 1-22-85, Cl. 426-422.000.
Mook, Herbert A., Jr., to United States of America, Energy. Pulsed-neutron monochromator. 4,543,230, 9-24-85, Cl. 376-110.000.
Mookerjee, Bhaskar, to Caterpillar Tractor Co. Exhaust gas and blow-by recirculation system for an internal combustion engine. 4,558,681, 12-17-85, Cl. 123-568.000.
Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Methyl substituted pinyl oxopentenes, organoleptic uses thereof and process for preparing same. 4,506,104, 3-19-85, Cl. 568-820.000.
Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Methyl substituted pinyl oxopentenes, organoleptic uses thereof and process for preparing same. 4,510,340, 4-9-85, Cl. 568-884.000.
Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Organoleptic use of methyl substituted pinyl oxopentenes. 4,533,491, 8-6-85, Cl. 252-522.00R.
Mookherjee, Braja D.; Chant, Bernard J.; Evers, William J.; Wilson, Richard A.; Zampino, Michael J.; and Vock, Manfred H., to International Flavors & Fragrances Inc. Process for preparing mixtures containing 8,9-epithio-1-p-menthene. 4,536,583, 8-20-85, Cl. 549-1.000.
Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, to International Flavors & Fragrances Inc. Methyl substituted pinyl oxopentenes, organoleptic uses thereof and process for preparing same. 4,549,971, 10-29-85, Cl. 252-8.600.
Mookherjee, Braja D.: *See—*
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,496,775, Cl. 568-820.000.
  Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,504,398, Cl. 252-8.600.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,512,902, Cl. 252-8.600.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,514,324, Cl. 252-522.00R.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,532,359, Cl. 568-346.000.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,549,972, Cl. 252-8.600.
  Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,560,791, Cl. 560-254.000.
  Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,560,802, Cl. 568-388.000.
  Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,499,114, Cl. 426-534.000.
  Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,526,798, Cl. 426-534.000.

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Wilson, Richard A.; Mookherjee, Braja D.; Zampino, Michael J.; Vock, Manfred H.; and Miller, Kevin P., 4,539,209, Cl. 426-3.000.

Moolenaar, Antonie J.: *See*—

Houben, Jan P.; and Moolenaar, Antonie J., 4,539,500, Cl. 310-230.000.

Moon, Deug W.; and Metzbower, Edward A., to United States of America, Navy. Method of laser welding. 4,527,040, 7-2-85, Cl. 219-121.0LD.

Moon, Edward L.: *See*—

Koenig, Alan R.; and Moon, Edward L., 4,507,197, Cl. 209-2.000.

Moon, Frederick H., to Zenith Electronics Corporation. Low noise CATV converter. 4,520,507, 5-28-85, Cl. 455-3.000.

Moon, Jerry W. Refuse compactor. 4,548,132, 10-22-85, Cl. 100-52.000.

Moon, John J.: *See*—

Mosier, John E.; Surjaatmadja, Jim B.; Penn, Jack C.; and Moon, John J., 4,551,766, Cl. 358-256.000.

Moon, Joseph C.; and Craig, Arthur T. Display device. 4,519,153, 5-28-85, Cl. 40-591.000.

Moon, Malcolm W., to Upjohn Company, The. Piperazinone, piperazine, 1,4-diazepin-2-one and 1,4-diazepine intermediate compounds. 4,534,897, 8-13-85, Cl. 260-239.30R.

Moon, Michael L., to Maysteel Corporation. Induction fluid supply unit for exhaust hood apparatus. 4,493,312, 1-15-85, Cl. 126-299.00D.

Moon, Nancy J.; Ely, Lane O.; and Sudweeks, E. M., to University of Georgia Research Foundation, Inc. Silage production from fermentable forages. 4,528,199, 7-9-85, Cl. 426-53.000.

Moon, Richard D. Jewelry arrangement. 4,554,800, 11-26-85, Cl. 63-23.000.

Moon, Ronald R., to Quantum Corporation. Amplifier circuit. 4,538,099, 8-27-85, Cl. 318-678.000.

Moon, Ronald R.: *See*—

Moon, William G.; Moon, Ronald R.; Peterson, Bruce R.; and Westwood, Donald C., 4,516,177, Cl. 360-77.000.

Moon, Sang H.; Park, Jae M.; and Suh, Sung S., to Korea Advanced Institute of Science and Technology. Fertilizer product with sustained action and process therefor. 4,493,725, 1-15-85, Cl. 71-62.000.

Moon, Seaton: *See*—

Herr, Herbert W.; Moon, Seaton; and Hopper, James E., 4,549,744, Cl. 280-415.00A.

Moon, Suhdok D., to Oume Corporation. Technique for compensation for bandwidth limitations of microprocessor utilized for serial printer control. 4,529,325, 7-16-85, Cl. 400-70.000.

Moon, Suhdok D.: *See*—

Jamieson, John W.; Lee, Sen L.; and Moon, Suhdok D., 4,502,800, Cl. 400-144.200.

Lin, Frank W.; Moon, Suhdok D.; Van, Tri S.; and Anzai, Max I., 4,517,503, Cl. 318-561.000.

Moon, William F. Air filtering face mask. 4,549,543, 10-29-85, Cl. 128-206.120.

Moon, William G.; Moon, Ronald R.; Peterson, Bruce R.; and Westwood, Donald C., to Quantum Corporation. Rotating rigid disk data storage device. 4,516,177, 5-7-85, Cl. 360-77.000.

Moon, William G.: *See*—

Dimmick, W. Scott; Mitchell, Charles S.; and Moon, William G., 4,538,193, Cl. 360-137.000.

Mooney, Charles W.; Phipps, Robert E.; and Kuznicki, William J., to Motorola, Inc. Shock absorber for quartz crystals. 4,540,908, 9-10-85, Cl. 310-326.000.

Mooney Chemicals, Inc.: *See*—

Collins, Albert V.; and Asmus, Richard W., 4,507,152, Cl. 106-18.310.

Collins, Albert V.; and Asmus, Richard W., 4,532,161, Cl. 427-440.000.

Collins, Albert V.; and Asmus, Richard W., 4,539,235, Cl. 427-440.000.

Mooney, J. Robert: *See*—

Currie, Janie K.; and Mooney, J. Robert, 4,510,342, Cl. 585-524.000.

Mooney, John B.: *See*—

Sher, Arden; and Mooney, John B., 4,529,832, Cl. 136-260.000.

Mooney, John J.: *See*—

Thompson, Charles E.; Mooney, John J.; Keith, Carl D.; and Mannion, William A., 4,552,733, Cl. 423-213.500.

Mooney, Paul C. Locking spreader leg for tripod. 4,522,361, 6-11-85, Cl. 248-188.800.

Mooneyhan, Betty F. Hair clamp device. 4,554,934, 11-26-85, Cl. 132-40.000.

Moonie, Gary A.: *See*—

Waggoner, Clinton A.; Dominique, Harry P.; Moonie, Gary A.; and Kaye, Bruce J., 4,506,960, Cl. 350-529.000.

Moorcroft, Arthur L.: *See*—

Assard, Gerald L.; and Moorcroft, Arthur L., 4,523,120, Cl. 310-323.000.

Moore, Alan; Harman, Geoffrey E.; Rosser, David G.; and Clapham, Edward F., to Rolls-Royce Limited. Nose bullet anti-icing for gas turbine engines. 4,546,604, 10-15-85, Cl. 60-39.093.

Moore, Alan F., to Dunlop Limited. Flexible joint means. 4,533,274, 8-6-85, Cl. 403-31.000.

Moore, Alan F., to Dunlop Limited. Joint means. 4,543,010, 9-24-85, Cl. 403-225.000.

Moore, Alan F.: *See*—

Ellis, Keith O.; and Moore, Alan F., 4,543,359, Cl. 514-390.000.

Moore, Benson R.; and Gnacinski, Leonard T., to MagneTek, Inc. Lubrication improvement for variable speed drives. 4,511,347, 4-16-85, Cl. 474-43.000.

Moore, Bernard S., to Pfizer Inc. Regeneration of 6-fluoro-4-chromanone from 6-fluoro-4-ureidochroman-4-carboxylic acid. 4,551,542, 11-5-85, Cl. 549-401.000.

Moore, Bernard S.: *See*—

Cue, Berkeley W., Jr.; and Moore, Bernard S., 4,528,387, Cl. 549-404.000.

Moore, Boyd B. Method of and apparatus for moving reeled material into and retrieving it from the upper end of a well bore in the earth's surface. 4,523,645, 6-18-85, Cl. 166-385.000.

Moore, Brian B., to International Business Machines Corporation. System for digitized voice and data with means to compensate for variable path delays. 4,538,259, 8-27-85, Cl. 370-60.000.

Moore Business Forms, Inc.: *See*—

Casper, Mark S.; Downing, Richard S.; Steidel, Leonard R.; and Braungart, Robert E., 4,529,114, Cl. 225-100.000.

Chao, Hung-Ya, 4,495,509, Cl. 346-215.000.

Jones, Charles E., 4,511,298, Cl. 412-34.000.

Lukis, Lawrence J.; and Duhig, Gerard P., 4,493,104, Cl. 382-13.000.

Stahl, Torbjorn; Hektoen, Per; and Karlsen, Oystein, 4,528,054, Cl. 156-226.000.

Moore, Candace X.: *See*—

Arrhenius, Gustaf O.; Goldstein, Michael L.; and Moore, Candace X., 4,503,838, Cl. 126-263.000.

Moore, Carroll E.: *See*—

Lenertz, John B.; and Moore, Carroll E., 4,548,543, Cl. 414-686.000.

Moore, Charles H.: *See*—

Cavitt, Michael B.; and Moore, Charles H., 4,530,948, Cl. 523-454.000.

Pischke, James W.; McFadden, Russell T.; Krause, Ruben L.; and Moore, Charles H., 4,560,736, Cl. 526-312.000.

Moore, Clayton A.: *See*—

Knox, Lloyd C.; and Moore, Clayton A., 4,552,486, Cl. 405-227.000.

Moore, Clifford G.: *See*—

Finley, Charles M.; and Moore, Clifford G., 4,514,681, Cl. 324-65.0CR.

Moore, Colin: *See*—

Clark, Frederick; and Moore, Colin, 4,555,698, Cl. 340-680.000.

Moore, Dan T., III; Fischer, Michael F.; and Herceg, Laurie S., to Dan T. Moore Co. Automobile body panel hole closure. 4,494,671, 1-22-85, Cl. 220-256.000.

Moore, Dan T., III; and Fischer, Michael F., to Dan T. Moore Co. Tire for wheelchairs and the like. 4,514,243, 4-30-85, Cl. 156-113.000.

Moore, David: *See*—

Peck, Alan M.; Reedman, David C.; Graveling, Frederick J.; Moore, David; and Mansfield, Graham J., 4,541,054, Cl. 364-474.000.

Moore, David A.: *See*—

Allen, Ralph; Moore, David A.; and Quinton, Edward F., 4,497,201, Cl. 73-119.00A.

Moore, David F.: *See*—

Brown, Karen H.; Moore, David F.; and van der Hoeven, Bernard J. C., Jr., 4,560,435, Cl. 156-643.000.

Moore, David G.: *See*—

Randar, Magnus; and Moore, David G., 4,561,155, Cl. 29-33.00M.

Moore, David J.; Byers, Larry L.; Kurth, Duane G.; Bordsen, Donald T.; Honkomp, John R.; Todd, Bruce C.; and Malek, Robert M., to Sperry Corporation. Control unit busy queuing. 4,546,430, 10-8-85, Cl. 364-200.000.

Moore, David S.; and Schmidt, Stephen C., to United States of America, Energy. Frequency shift measurement in shock-compressed materials. 4,545,679, 10-8-85, Cl. 356-301.000.

Moore, David S.; and Schmidt, Stephen C., to United States of America, Energy. Method and apparatus for determining pressure-induced frequency-shifts in shock-compressed materials. 4,555,176, 11-26-85, Cl. 356-301.000.

Moore, Dennis G. Submersible signal lamp with interchangeable lens assembly. 4,506,314, 3-19-85, Cl. 362-267.000.

Moore, Dennis K.: *See*—

Moore, Joseph L.; Moore, R. Keith; and Moore, Dennis K., 4,561,240, Cl. 56-328.00R.

Moore, Derek S., to Vickers Public Limited Company. Optical microscope viewing head with high and low magnification. 4,544,244, 10-1-85, Cl. 350-520.000.

Moore, Derek W.: *See*—

Ibbetson, David N. I., 4,541,031, Cl. 361-67.000.

Moore, Diane E., to Energy Conversion Devices, Inc. Thermoelectric materials and devices made therewith. 4,491,679, 1-1-85, Cl. 136-203.000.

Moore, Donald E.; and Olsen, David W., to FMC Corporation. Anti-two block system. 4,523,686, 6-18-85, Cl. 212-152.000.

Moore, Donald M. Synchronized folding knife. 4,547,965, 10-22-85, Cl. 30-153.000.

Moore, Donald W., to Aerojet-General Corporation. Amenable logic gate and method of testing. 4,542,508, 9-17-85, Cl. 371-29.000.

Moore, Donald W.; and Verstraete, Rick A., to Aerojet-General Corporation. Functionally redundant logic network architectures. 4,551,814, 11-5-85, Cl. 364-716.000.

Moore, Donald W.; and Verstraete, Rick A., to Aerojet-General Corporation. Functionally redundant logic network architectures with logic selection means. 4,551,815, 11-5-85, Cl. 364-716.000.

- Moore, Douglas G.: *See—*
  - Barkis, Edward D.; Moore, Douglas G.; Fernald, Allen M.; and McClellan, Felton L., 4,557,958, Cl. 428-36.000.
- Moore, Dwane L., to Kreonite, Inc. Film processor transport roller end plug. 4,504,005, 3-12-85, Cl. 226-190.000.
- Moore, Dwane L.: *See—*
  - Engelhardt, Billy M.; and Moore, Dwane L., 4,512,645, Cl. 354-324.000.
- Moore, Eddie C.: *See—*
  - Moore, Jeff D.; Moore, Eddie C.; Tucker, Burnis H.; and Goodwill, William P., 4,520,681, Cl. 73-862.280.
- Moore, Edgar F., III. Embroidery frame press. 4,538,335, 9-3-85, Cl. 29-251.000.
- Moore, Eugene W., to Willett International Limited. Stackable fluid dispensing apparatus. 4,539,570, 9-3-85, Cl. 346-75.000.
- Moore, Fergus E.: *See—*
  - Billingsley, James D.; and Moore, Fergus E., 4,524,385, Cl. 358-113.000.
- Moore, Franklin, Jr.; and Fultz, Clinton. Precise volume, disposable food container. 4,502,623, 3-5-85, Cl. 229-1.50B.
- Moore, Gary L.: *See—*
  - Kontz, Robert F.; and Moore, Gary L., 4,497,681, Cl. 156-363.000.
- Moore, George G. I., to Riker Laboratories, Inc. 2,6-di(t-butyl)-4-hydroxy-4-pyridyl-2,5-cyclohexadien-1-one intermediates. 4,524,210, 6-18-85, Cl. 546-340.000.
- Moore, George G. I., to Riker Laboratories, Inc. Substituted diazoles and thiazoles. 4,535,165, 8-13-85, Cl. 548-204.000.
- Moore, George R.; and Mahannah, Daniel H., to General Motors Corporation. Vehicle brake test apparatus. 4,520,663, 6-4-85, Cl. 73-129.000.
- Moore, George W.; and Carroll, Robert G., to United States of America, Air Force. Segmented zoned fuel injection system for use with a combustor. 4,499,735, 2-19-85, Cl. 60-739.000.
- Moore, Herbert; Santos, Stephen; and Wysong, Robert D., to Du Pont de Nemours, E. I., and Company. Tracer for circulation determinations. 4,505,888, 3-19-85, Cl. 424-1.100.
- Moore, James E., to General Electric Company. Weatherable abrasion resistant etherified aminoplast derived coating for plastic substrates. 4,552,936, 11-12-85, Cl. 525-519.000.
- Moore, James E., to General Electric Company. Photocurable acrylate-acrylonitrile coated plastic articles. 4,557,975, 12-10-85, Cl. 428-412.000.
- Moore, James G.; Obey, James H.; and Pinkel, Edward B., to White Consolidated Industries, Inc. Process for evaporative stripping. 4,511,431, 4-16-85, Cl. 159-47.100.
- Moore, James H.: *See—*
  - Breedlove, Paul S.; and Moore, James H., 4,516,260, Cl. 381-51.000.
- Moore, James I.; and Van Huis, Philip J., to Ex-Cell-O Corporation. Programmable adaptive control method and system for die-casting machine. 4,493,362, 1-15-85, Cl. 164-457.000.
- Moore, James W., to Wills Trucking, Inc. Trailer unloading apparatus and method. 4,541,765, 9-17-85, Cl. 414-267.000.
- Moore, Jean-Pierre; Winand, Rene ; Weymeersch, Alain; and Renard, Lucien, to Cockerill-Sambre. Device for electrolytically depositing a lining metal layer over a metal strip. 4,559,123, 12-17-85, Cl. 204-206.000.
- Moore, Jeff D.; Moore, Eddie C., Tucker, Burnis H.; and Goodwill, William P., to Moore, Jeff D.; and Moore, Eddie C. Apparatus for measuring torque on a rotating shaft. 4,520,681, 6-4-85, Cl. 73-862.280.
- Moore, Jerry R.; and Van Dusseldorp, C. Peter. Extension device for electrically powered tools. 4,515,423, 5-7-85, Cl. 339-28.000.
- Moore, John D.: *See—*
  - Bronner, James A.; Moore, John D.; and Dale, Paul R., 4,510,081, Cl. 252-603.000.
- Moore, John F., to EMI Limited. Computerized tomography. 4,504,962, 3-12-85, Cl. 378-19.000.
- Moore, John H.; and Harvey, Ian J., to Lucas Industries Public Limited Company. Electronic control system for a fuel pump. 4,523,563, 6-18-85, Cl. 123-359.000.
- Moore, John M.: *See—*
  - Smith, David B.; Miller, Randolph F.; and Moore, John M., 4,533,136, Cl. 272-73.000.
- Moore, John P.: *See—*
  - Aufiero, James M.; D'Agostino, William P., Jr.; and Moore, John P., 4,532,546, Cl. 358-111.000.
- Moore, John R.; and Maybaum, Stephen, to Harborchem, Inc. Binder and refractory compositions and methods. 4,530,722, 7-23-85, Cl. 106-38.350.
- Moore, John T.; Corrigan, Peter E.; and Gardner, James A., to General Motors Corporation. Low fuel indicator system. 4,513,277, 4-23-85, Cl. 340-59.000.
- Moore, John W.; and Thomas, William M., to Stewart Systems, Inc. Conveyor and sorting switch. 4,508,206, 4-2-85, Cl. 198-365.000.
- Moore, John W., to Swan Corporation, The. Free-standing shower. 4,539,721, 9-10-85, Cl. 4-613.000.
- Moore, Joseph, to Hustler Conveyor Company. Machine for dislodging cans from a compressed bale of cans. 4,511,302, 4-16-85, Cl. 414-327.000.
- Moore, Joseph L.; Moore, R. Keith; and Moore, Dennis K., to Proficient Systems, Inc. Apparatus for retrieving objects from the ground. 4,561,240, 12-31-85, Cl. 56-328.00R.
- Moore, Kelly R.: *See—*
  - Van Devanter, Douglas E.; Moore, Kelly R.; and Tomlin, James S., 4,557,019, Cl. 17-52.000.
- Moore, Kenneth: *See—*
  - Mitchell, Barclay; and Moore, Kenneth, 4,499,135, Cl. 428-137.000.
- Moore Kenneth P., to Xerox Corporation. Sheet feeding apparatus and valve therefor. 4,550,903, 11-5-85, Cl. 271-98.000.
- Moore, Larry A.; and Walker, John S., to Motorola, Inc. Self-erecting composite antenna structure. 4,494,123, 1-15-85, Cl. 343-900.000.
- Moore, Larry V., to Rockwell International Corporation. Portable enclosure with combined latch and support system. 4,552,391, 11-12-85, Cl. 292-5.000.
- Moore, Lawrence F. Ocular dispenser. 4,550,866, 11-5-85, Cl. 222-420.000.
- Moore, Leonard: *See—*
  - Furlong, Owen D.; Moore, Leonard; and Ward, Jonathan D., 4,501,293, Cl. 137-557.000.
- Moore, Leslie B., to Dresser Industries, Inc. Rock bit bearing pressure equalization system. 4,512,669, 4-23-85, Cl. 384-93.000.
- Moore, Leslie G.; and Lee, Te-Hsung, to Eastman Kodak Company. Film video player having flash illuminated area image sensor and single frame CCD image sensor for use therewith. 4,495,516, 1-22-85, Cl. 358-54.000.
- Moore, Lyman T.: *See—*
  - Karagoz, Berch Y.; Turban, Martin M.; Moore, Lyman T.; and Travers, Mark D., 4,513,425, Cl. 373-88.000.
- Moore, M. Samuel, to Semco Instruments, Inc. Engine temperature transient compensating circuit. 4,502,043, 2-26-85, Cl. 340-588.000.
- Moore, Michael H.: *See—*
  - Turner, George F. A. M.; Moore, Michael H.; and Twigger, Ernest J., 4,552,452, Cl. 355-27.000.
- Moore, Michael L.: *See—*
  - Callahan, James F.; Moore, Michael L.; and Yim, Nelson C., 4,543,349, Cl. 514-11.000.
  - Huffman, William F.; and Moore, Michael L., 4,542,124, Cl. 514-11.000.
- Moore, Milton D. Accident reconstruction device. 4,524,602, 6-25-85, Cl. 73-9.000.
- Moore, Patrick D. Indoor greenhouse. 4,505,066, 3-19-85, Cl. 47-17.000.
- Moore, Patrick D.: *See—*
  - Kluger, Edward W.; and Moore, Patrick D., 4,507,407, Cl. 521-113.000.
- Moore, Paul A.: *See—*
  - Barnes, Christopher S.; Moore, Paul A.; and White, Philip D., 4,494,031, Cl. 310-313.00B.
- Moore, Paul C., Jr., to Long, John A., a part interest. Insulin syringe injector apparatus with auto-aspirator feature. 4,547,189, 10-15-85, Cl. 604-136.000.
- Moore, Paul E.; Strohl, Robert L.; and Soisson, Lawrence R., to Arcair Company. Coated exothermic cutting electrode. 4,544,139, 10-1-85, Cl. 266-48.000.
- Moore, Paul E.: *See—*
  - Sadauskas, Raymond L.; and Moore, Paul E., 4,517,440, Cl. 219-145.100.
- Moore, Peter E., to Mobile Dental Equipment Corporation. Portable dental operatory. 4,514,019, 4-30-85, Cl. 312-209.000.
- Moore, Prentice G., to Square D Company. Electronic watt/var transducer. 4,498,138, 2-5-85, Cl. 364-483.000.
- Moore, R. Keith: *See—*
  - Moore, Joseph L.; Moore, R. Keith; and Moore, Dennis K., 4,561,240, Cl. 56-328.00R.
- Moore, Richard B., to Polysar Financial Services S.A. Asphalt emulsion. 4,548,966, 10-22-85, Cl. 524-53.000.
- Moore, Richard M., to Burroughs Corporation. Aerodynamically enhanced heat sink. 4,541,004, 9-10-85, Cl. 357-81.000.
- Moore, Richard P. Sludge traction and desludging system. 4,514,303, 4-30-85, Cl. 210-519.000.
- Moore, Robert A.; and Karisch, Edward P., to Halliburton Company. Dual guard type resistivity measuring apparatus. 4,524,325, 6-18-85, Cl. 324-375.000.
- Moore, Robert D.: *See—*
  - Burke, Dennis J.; and Moore, Robert D., 4,528,101, Cl. 210-656.000.
- Moore, Robert E.: *See—*
  - Simmonds, Peter G.; and Moore, Robert E., 4,520,109, Cl. 436-56.000.
- Moore, Robert G.: *See—*
  - Tantillo, Donnie J.; Kratochvil, David F.; Moore, Robert G.; and Browne, Edward M., 4,519,052, Cl. 367-79.000.
- Moore, Robert L.: *See—*
  - Christensen, Richard G.; and Moore, Robert L., 4,526,859, Cl. 430-314.000.
- Moore, Robert M.: *See—*
  - Meisner, John W.; Moore, Robert M.; and Bienvenue, Louis L., 4,505,644, Cl. 417-50.000.
- Moore, Robert R.; and Lamb, Steve R. Arthroscopic leg holder. 4,526,355, 7-2-85, Cl. 269-328.000.
- Moore, Robert R.: *See—*
  - Andrews, E. Trent; Lamb, Steve R.; and Moore, Robert R., 4,506,665, Cl. 128-202.270.
  - Lamb, Steve R.; and Moore, Robert R., 4,523,585, Cl. 128-80.00C.
- Moore, Ronald D.: *See—*
  - Zalesak, Philip F.; and Moore, Ronald D., 4,493,195, Cl. 62-402.000.
- Moore, Russell L.: *See—*
  - Bahr, Richard G.; and Moore, Russell L., 4,538,264, Cl. 371-8.000.
- Moore, Sidney D. Microcomputer-controlled optical apparatus for surveying, rangefinding and trajectory-compensating functions. 4,531,052, 7-23-85, Cl. 235-404.000.

Moore Special Tool Co., Inc.: *See—*

Romano, Salvatore, 4,504,064, Cl. 277-12.000.

Winski, Dennis A., 4,547,996, Cl. 51-165.710.

Moore, Stephen A.: *See—*

Urquhart, Donald B.; and Moore, Stephen A., 4,541,913, Cl. 208-8.0LE.

Moore, Stephen D.; and Maglio, Murrill. Chemical feeder. 4,548,228, 10-22-85, Cl. 137-268.000.

Moore, Ted E., Sr. Debris collector. 4,515,504, 5-7-85, Cl. 408-67.000.

Moore, Thomas L. Knife holster. 4,561,577, 12-31-85, Cl. 224-232.000.

Moore, Thomas S.; and Pennington, Delmas B., to Rohm and Haas Company. Crack propagation resistant acrylic sheet. 4,505,972, 3-19-85, Cl. 428-220.000.

Moore, Thomas W.: *See—*

Coiner, Russell E.; and Moore, Thomas W., 4,537,463, Cl. 339-276.00A.

Moore, Uri: *See—*

Kogan, Abraham; and Moore, Uri, 4,534,175, Cl. 60-649.000.

Moore, Victor S.; and Leininger, Joel C., to International Business Machines Corporation. Binary logic structure employing programmable logic arrays and useful in microword generation apparatus. 4,504,904, 3-12-85, Cl. 364-200.000.

Moore, Victor S.: *See—*

Kraft, Wayne R.; Moore, Victor S.; Stahl, William L., Jr.; and Thoma, Nandor G., 4,531,068, Cl. 307-473.000.

Leininger, Joel C.; Moore, Victor S.; and Stahl, William L., Jr., 4,509,114, Cl. 364-200.000.

Moore, Wildey J. Method of making weighted metal golf club head. 4,558,505, 12-17-85, Cl. 29-527.600.

Moore, William A.; and Lewis, Michael M., to Dow Corning Wright. Adjustable length prosthetic joint implant. 4,502,160, 3-5-85, Cl. 3-1.900.

Moore, William C.: *See—*

Newman, Richard W.; Moore, William C.; and Richards, Byron A., 4,526,449, Cl. 351-205.000.

Moore, William H.; Mandel, Alan F.; Trosky, William J.; Eichler, Kenneth M.; Tomas, Stephen P.; Tober, Edward; and Vasold, Thomas A., to Westinghouse Electric Corp. Method and apparatus for improving the servicing of an elevator system. 4,512,442, 4-23-85, Cl. 187-29.00R.

Moore, William H. Mold coating. 4,550,761, 11-5-85, Cl. 164-14.000.

Moore, William J.: *See—*

Krause, Charles E.; and Moore, William J., 4,498,944, Cl. 156-205.000.

Moore, William M.: *See—*

Cawlfield, David W.; Moore, William M.; and Stubbs, John L., Jr., 4,537,937, Cl. 525-417.000.

Moore, William P., to Hawkeye Chemical Company. Method of converting sewage sludge to fertilizer. 4,519,831, 5-28-85, Cl. 71-13.000.

Moore, William P. Method of preserving fodders with a nutritive coating. 4,540,586, 9-10-85, Cl. 426-69.000.

Moore, William T.; and Albright, John W. Therapeutic method to reduce pain and inflammation. 4,497,823, 2-5-85, Cl. 514-512.000.

Moorehead, Eric L., to Union Oil Company of California. Hydrocarbon conversion process employing catalysts containing a molybdenum-exchanged crystalline aluminosilicate zeolite. 4,496,784, 1-29-85, Cl. 585-486.000.

Moorehead, Eric L., to Union Oil Company of California. Method of producing maleic anhydride. 4,562,269, 12-31-85, Cl. 549-259.000.

Moorehead, Eric L.: *See—*

Robinson, Paul R.; and Moorehead, Eric L., 4,555,584, Cl. 585-623.000.

Moorehead, Harvey R. Hub assemblies and extensions for indwelling catheter tubes and method. 4,547,194, 10-15-85, Cl. 604-283.000.

Moorehead, Robert M.; Eppler, Susan G.; and Anderson, Mardis V., to Trans-Texas Energy, Inc. Method and apparatus for monitoring and controlling well drilling parameters. 4,507,735, 3-26-85, Cl. 364-422.000.

Moorer, James A., to Lucasfilm Ltd. Linked list of timed and untimed commands. 4,497,023, 1-29-85, Cl. 364-200.000.

Moores, Gregory E.: *See—*

Dibbern, John E., Jr.; and Moores, Gregory E., 4,523,116, Cl. 310-71.000.

Dibbern, John E., Jr.; and Moores, Gregory E., 4,558,189, Cl. 200-1.00V.

O'Hara, Frank J.; Dibbern, John E., Jr.; and Moores, Gregory E., 4,491,752, Cl. 310-71.000.

Moores, Robert G., Jr.; Sides, Daniel H.; and Burnside, Howard L., to Black & Decker Inc. Orbital-action reciprocating power saw. 4,550,501, 11-5-85, Cl. 30-393.000.

Moorfeed Corporation: *See—*

Cortellini, Conrad, 4,520,387, Cl. 358-90.000.

Moorhead, Louise C.: *See—*

Armeniades, C. D.; and Moorhead, Louise C., 4,548,205, Cl. 128-748.000.

Moorhouse, Peter, to International Research & Development Company. Polytetrafluoroethylene solid lubricant materials. 4,501,676, 2-26-85, Cl. 252-12.000.

Moorman, Charles J.: *See—*

Reuter, Frederick A.; and Moorman, Charles J., 4,506,159, Cl. 250-377.000.

Moorman Manufacturing Company: *See—*

Stephan, Kurt F.; and Stephan, John T., 4,540,820, Cl. 564-38.000.

Moorman, Stephen L.: *See—*

Corwin, Richard R.; and Moorman, Stephen L., 4,498,770, Cl. 356-349.000.

Moormann, Alan E.; Pitzele, Barnett S.; and Jones, Peter H., to G. D. Searle & Co. Substituted 2-(3-aminophenoxymethyl)imidazolines. 4,523,020, 6-11-85, Cl. 548-353.000.

Moormann, Alan E.: *See—*

Pitzele, Barnett S.; Yu, Stella S. T.; Hamilton, Robert W.; and Moormann, Alan E., 4,533,739, Cl. 548-559.000.

Moormann, Rainer: *See—*

Hinssen, Hans-Klemens; Katscher, Werner; Loenissen, Karl-Josef; Moormann, Rainer; Seeboth, Heinz; Stauch, Bernhard; and Thelen, Josef, 4,507,267, Cl. 423-4.000.

Moors, Johannes H., to U.S. Philips Corporation. Electrical connector. 4,550,963, 11-5-85, Cl. 339-31.00R.

Moos, Niklaus J., to Versatile Cornat Corporation. Wing back implement. 4,502,546, 3-5-85, Cl. 172-311.000.

Moos, Petr: *See—*

Nemec, Frantisek; Moos, Petr; Bytesnik, Milan; Kuba, Jan; and Lacina, Tomislav, 4,553,072, Cl. 315-244.000.

Moos, Walter: *See—*

Trivedi, Bharat; Hamilton, Harriet; and Moos, Walter, 4,501,735, Cl. 514-46.000.

Moosbrucker, Karl; Hollmann, Bernd; and Freye, Theodor. Apparatus for producing a wrapped cylindrical bale of harvested agricultural material. 4,514,969, 5-7-85, Cl. 56-341.000.

Moose Products, Inc.: *See—*

Steele, David C., 4,547,767, Cl. 340-500.000.

Moosmann, Helmut; and Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Circuit arrangement for monitoring speed of a drive motor. 4,544,852, 10-1-85, Cl. 307-519.000.

Moote, Truman P.; and Reed, Robert L., to Standard Oil Company, The. Removal and recovery of magnesium, strontium and barium from brines. 4,495,160, 1-22-85, Cl. 423-158.000.

Mooz, Elizabeth D.: *See—*

Banyasz, Joseph L.; Owens, Cassandra D.; Mooz, Elizabeth D.; Lilly, A. Clifton, Jr.; Martin, Peter; Merritt, Henry B.; and Semp, Bernard A., 4,497,330, Cl. 131-291.000.

Moplefan S.p.A.: *See—*

Mauri, Luigi; and Cardaio, Rino, 4,536,453, Cl. 428-484.000.

Mor, Pietro, to Hidroben S.p.A. Componenti ed Impianti Oleodinamici. Single-lever straight-line motion device for single, double and crossed drive on hydraulic pilot devices. 4,559,844, 12-24-85, Cl. 74-471.00R.

Mora, Camillo C., to Camillo Corvi S.p.A. Organometal complexes of N-cyclohexyl-piperazino acetamides or propionamides, preparation and use thereof as antiulcer-antisecretive-buffering drugs. 4,495,186, 1-22-85, Cl. 514-255.000.

Mora, Erwin P., to Dana Corporation. Fuse loss indicating circuit. 4,554,607, 11-19-85, Cl. 361-104.000.

Morabit, Vincent D. Tip stabilizing device for a chain saw. 4,558,518, 12-17-85, Cl. 30-371.000.

Moracz, Donald J.: *See—*

Ferguson, Blake L.; and Moracz, Donald J., 4,510,788, Cl. 72-377.000.

Moraillon, Jean-Yves, to Thomson-Brandt. Color television camera comprising a trichrome matrix filter. 4,553,159, 11-12-85, Cl. 358-44.000.

Morais, Douglas H., to Harris Corporation. Radio communication system using frequency division multiplexing for transmission between a master station and a plurality of remote stations. 4,528,656, 7-9-85, Cl. 370-30.000.

Morales, Alfredo; Galiasso, Roberto E.; and Carrasquel, Angel R., to Intevep, S.A. Process for catalyst preparation for the hydrodemetallization of heavy crudes and residues. 4,525,472, 6-25-85, Cl. 502-323.000.

Morales, Alfredo L.; Galiasso, Roberto E.; Agudelo, Maria M.; Salazar, Jose A.; and Carrasquel, Angel R., to Intevep, S.A. Catalyst having high metal retention capacity and good stability for use in the demetallization of heavy crudes and method of preparation of same. 4,520,128, 5-28-85, Cl. 502-210.000.

Morales, Liborio D. Foldable, self-supporting, adjustable book holder. 4,508,307, 4-2-85, Cl. 248-460.000.

Morales, Louis J., to Standard Microsystems Corporation. Low power CMOS input buffer circuit. 4,555,642, 11-26-85, Cl. 307-475.000.

Morali, Giorgio: *See—*

Dal Pan, Giacinto; and Morali, Giorgio, 4,491,170, Cl. 164-426.000.

Moraly, Paul. Method for manufacturing pins particularly intended for anchoring in the ground posts or stakes, and pins obtained thereby. 4,520,545, 6-4-85, Cl. 29-412.000.

Moran, Daniel B.; Powell, Dennis W.; and Albright, Jay D., to American Cyanamid Company. (Pyridinyl)-1,2,4-triazolo[4,3-a]pyridines. 4,550,166, 10-29-85, Cl. 546-119.000.

Moran, Daniel B.: *See—*

Allen, George R., Jr.; Hanifin, John W., Jr.; Moran, Daniel B.; and Albright, Jay D., 4,515,791, Cl. 514-248.000.

Moran, David P. J.; and Sharp, David G., to Lever Brothers Company. Process for producing a spread starting from a bimodal dispersed phase. 4,513,017, 4-23-85, Cl. 426-603.000.

Moran, David P. J.; and Sharp, David G., to Lever Brothers Company. Low fat spread and process for producing same. 4,515,825, 5-7-85, Cl. 426-603.000.

Moran, David P. J.; and Campbell, Iain J., to Lever Brothers Company. Reduced fat spread and a process for the production thereof. 4,540,593, 9-10-85, Cl. 426-603.000.

Moran, David P. J.; Hepburn, John J.; and Sharp, David G., to Lever Brothers Company. Process for producing a reduced fat spread. 4,555,411, 11-26-85, Cl. 426-603.000.

Moran, David P. J.: *See—*

Gould, Grahame; Crossley, Anthony; and Moran, David P. J., 4,520,037, Cl. 426-330.600.

Moran, Francis, to Societe Anonyme dite: Union Chimique et Industrielle de l'Quest (U.C.I.O.-S.A.). Anticorrosive composition. 4,562,042, 12-31-85, Cl. 422-13.000.

Moran, James C., to Sybron Chemicals Inc. Liquid buffer system. 4,555,348, 11-26-85, Cl. 252-1.000.

Moran, James H.; and Rau, Rama N., to Schlumberger Technology Corporation. Electromagnetic logging device and method with dielectric guiding layer. 4,511,842, 4-16-85, Cl. 324-338.000.

Moran, John C.: *See—*

Weisenbarger, Gale M.; and Moran, John C., 4,543,186, Cl. 210-221.200.

Moran, John H., to Interpace Corporation. Test terminal for use in an electric power transmission system. 4,543,523, 9-24-85, Cl. 324-51.000.

Moran, Kenneth T.: *See—*

Ballard, Denis G. H.; Moran, Kenneth T.; and Shirley, Ian M., 4,548,737, Cl. 252-500.000.

Moran, Paul R., to Wisconsin Alumni Research Foundation. NMR scanner with motion zeumatography. 4,516,075, 5-7-85, Cl. 324-309.000.

Moran, Richard J., to Cooper Industries, Inc. Distribution line powered switchgear control. 4,562,506, 12-31-85, Cl. 361-71.000.

Moran, Robert: *See—*

Maris, Wiltjie; and Moran, Robert. 4,497,559, Cl. 354-316.000.

Moran, Robert D., to United States of America, Navy. Apparatus for scanning a rotating gyroscope. 4,522,355, 6-11-85, Cl. 244-3.200

Moran, Thomas M.; and DiBello, Benedict J., to Eaton Corporation. Bolt fastener. 4,500,240, 2-19-85, Cl. 411-103.000.

Moran, William; and Bellerive, Donald E. Exercising device. 4,530,497, 7-23-85, Cl. 272-71.000.

Morana, Frank J. Sheet music holder. 4,546,689, 10-15-85, Cl. 84-505.000.

Morand, Joseph E. D. M., to Norman Wade Company Limited. Two piece clamp binder. 4,503,979, 3-12-85, Cl. 211-45.000.

Morander, Karl-Erik. Device for determining the real or the virtual distance of a source of light from a measuring plane. 4,548,504, 10-22-85, Cl. 356-375.000.

Morando, E. Donald, to Queen Anne Candy Company. Egg carton adapter. 4,553,691, 11-19-85, Cl. 229-2.5EC.

Moratto, Patricia: *See—*

Smith, Rae; and Moratto, Patricia, 4,559,647, Cl. 2-158.000.

Moravnik, Zvi, to Solar Power Laboratories, Ltd. Solar water heating apparatus and solar concentrator useful therewith. 4,550,712, 11-5-85, Cl. 126-439.000.

Moraw, Roland; Unger, Manfred; and Walter, Helmut, to Hoechst Aktiengesellschaft. Process for the manufacture of identity cards. 4,560,426, 12-24-85, Cl. 156-64.000.

Moraw, Roland: *See—*

Schaedlich, Gunther; and Moraw, Roland, 4,551,406, Cl. 430-119.000.

Morawek, Robert: *See—*

Treyssac, Georges M.; and Morawek, Robert, 4,528,098, Cl. 210-414.000.

Morawetz, Peter L.; and Burdette, John H., to EMPI, Inc. Autoprogrammable functional electrical stimulation apparatus and method. 4,528,984, 7-16-85, Cl. 128-421.000.

Morawietz, Alfred: *See—*

Lauer, Gerhard; Morawietz, Alfred; and Wild, Jurgen, 4,543,726, Cl. 33-180.00R.

Morawski, Janusz. Paint guard hand tool. 4,536,913, 8-27-85, Cl. 15-257.00R.

Morawski, Lawrence V.: *See—*

Morawski, Longine V.; and Morawski, Lawrence V., 4,540,187, Cl. 279-1.00L.

Morawski, Longine V.; and Morawski, Lawrence V. Collet chuck for tapered workpieces. 4,540,187, 9-10-85, Cl. 279-1.00L.

Morax, Francois, to Delta-Real Establishment. Device for opening envelopes or the like. 4,527,455, 7-9-85, Cl. 83-588.000.

Moray Industries Limited: *See—*

Dickenson, Alfred J., 4,546,492, Cl. 2-46.000.

Morbark Industries, Inc.: *See—*

Morey, Norval K., 4,522,344, Cl. 241-79.000.

Morey, Norval K.; and Bateman, Ivor, 4,534,390, Cl. 144-373.000.

Morbin, Federico: *See—*

Costa, Armando; and Morbin, Federico, 4,510,345, Cl. 174-35.00R.

Morbitzer, Leo: *See—*

Binsack, Rudolf; Rempel, Dieter; Lindner, Christian; and Morbitzer, Leo, 4,535,124, Cl. 525-67.000.

Morca, Inc.: *See—*

Cruz, Mamerto M., Jr., 4,515,633, Cl. 106-18.260.

Cruz, Mamerto M., Jr., 4,543,410, Cl. 536-84.000.

Morcerf, Lester A.; Kiefer, Charles E.; Jones, Gary W.; and Conditt, John E., to Rockwell International Corporation. Maritime telecommunications system. 4,491,966, 1-1-85, Cl. 455-32.000.

Morche, Klaus: *See—*

Bauer, Armin; Ehrend, Helfried; Morche, Klaus; Nutzel, Karl; and Sauerbier, Michael, 4,524,182, Cl. 525-120.000.

Mordre, Sigurd C.: *See—*

Olsen, John H.; and Mordre, Sigurd C., 4,536,135, Cl. 417-383.000.

Morduchowitz, Abraham; and Yaghmaie, Farrokh, to Texaco Inc. Surfactant flooding solutions with sulfonated creosote. 4,541,937, 9-17-85, Cl. 252-8.55D.

Morduchowitz, Abraham; and Sammells, Anthony F., to Texaco Inc. Means and method for reducing oxalic acid to a product. 4,560,450, 12-24-85, Cl. 204-75.000.

Mordukhaev, Khanuko M.: *See—*

Kuznetsov, Oleg L.; Maxutov, Rafkhat A.; Malchenok, Vladimir O.; Mordukhaev, Khanuko M.; Ostrovsky, Anatoly P.; Rubtsov, Adolf E.; Simkin, Ernst M.; and Sokolov, Alexei V., 4,558,737, Cl. 166-60.000.

More, Anton; Lang, Winfried; Riedle, Rudolf; Straussberger, Herbert; and Streckel, Willi, to Wacker-Chemie GmbH. Process for treating silicon and ferrosilicon with slag. 4,534,791, 8-13-85, Cl. 75-10.00R.

More, Claude: *See—*

Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.

More, Henry S.: *See—*

Jeter, John D.; and More, Henry S., 4,494,072, Cl. 324-347.000.

Moreau, Claude. Mechanical device for concealing or displaying printed matter. 4,499,678, 2-19-85, Cl. 40-1.600.

Moreau, Claude: *See—*

Clement, Gilles; Francois, Daniel; Marchal, Paul; and Moreau, Claude, 4,523,884, Cl. 414-8.000.

Moreau, Claude R. M. Compact manufacturing system for forming soft goods, mainly toys. 4,531,925, 7-30-85, Cl. 446-369.000.

Moreau, Dominique; Duchemin, Pierre; and Duchemin, Jean-Pierre, to La Telemecanique Electrique. Magneto-thermal device for overcurrent relays. 4,535,309, 8-13-85, Cl. 335-42.000.

Moreau, Jacques-Pierre: *See—*

Kim, Sun H.; and Moreau, Jacques-Pierre, 4,495,193, Cl. 514-385.000.

Moreau, Jean M., to Thomson-CSF. Regulator with a low drop-out voltage. 4,543,522, 9-24-85, Cl. 323-303.000.

Moreau, Pierre: *See—*

Juvin, Pierre; and Moreau, Pierre, 4,518,593, Cl. 424-195.000.

Moreau, Pierre A.: *See—*

Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., 4,524,695, Cl. 102-430.000.

Morehead, Clyde D. Protector for drink opening. 4,537,326, 8-27-85, Cl. 220-269.000.

Morehead, Jesse L.: *See—*

Jones, Thomas F.; and Morehead, Jesse L., 4,535,544, Cl. 33-265.000.

Morehouse, Alpha L.; and Lewis, Charles J., to Grain Processing Corporation. Low fat spread. 4,536,408, 8-20-85, Cl. 426-250.000.

Morehouse Industries, Inc.: *See—*

Szkaradek, Edward J., 4,513,917, Cl. 241-46.110.

Morehouse, James H.: *See—*

Anderson, Kurt M.; and Morehouse, James H., 4,535,374, Cl. 360-103.000.

Morehouse, Laurence E. Physiological chair. 4,500,137, 2-19-85, Cl. 297-458.000.

Morel, Andre; and Morel, Jacques, to Etablissements Morel, Ateliers Electromecaniques de Favieres. Splice-protecting sleeve for electric cables or telephone cables. 4,492,816, 1-8-85, Cl. 174-92.000.

Morel, Andre; and Morel, Jacques, to Etablissements Morel - Ateliers Electromecaniques de Favieres. Cartridge for injecting a semi-pasty product. 4,526,295, 7-2-85, Cl. 222-82.000.

Morel, Didier: *See—*

Mignani, Gerard; and Morel, Didier. 4,543,433, Cl. 585-16.000.

Morel, Don L.; Gay, Robert R.; and Turner, Gary B., to Atlantic Richfield Company. Series connected solar cells and method of formation. 4,517,403, 5-14-85, Cl. 136-249.000.

Morel, Don L.: *See—*

Tanner, David P.; Morel, Don L.; and Gay, Robert R., 4,542,255, Cl. 136-249.000.

Tiedje, J. Thomas; Morel, Don L.; and Abeles, Benjamin, 4,546,009, Cl. 427-39.000.

Wong, Boon; Morel, Don L.; and Grosvenor, Victor L., 4,531,015, Cl. 136-258.000

Morel, Jacques; and Tallon, Jacques, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Apparatus for measuring and displaying leakage rates in a tracer gas leakage detector. 4,510,792, 4-16-85, Cl. 73-40.700.

Morel, Jacques: *See—*

Morel, Andre; and Morel, Jacques, 4,492,816, Cl. 174-92.000.

Morel, Andre; and Morel, Jacques, 4,526,295, Cl. 222-82.000.

Morel, Michel, to Paget et Morel. Hinge for mounting spectacles. 4,534,628, 8-13-85, Cl. 351-153.000.

Moreland, Gerald W., to Jebadabe International, Inc. Water jet aerator for ganged operation. 4,541,780, 9-17-85, Cl. 417-176.000.

Moreland, John F., Jr.: *See—*

Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., 4,506,301, Cl. 358-280.000.

Moreland, Roger; and Moreland, William. Fence post driving assembly. 4,561,636, 12-31-85, Cl. 254-29.00R.

Moreland, William: *See—*

Moreland, Roger; and Moreland, William, 4,561,636, Cl. 254-29.00R.

Morell, Joseph; Paris, Jean; and Petrini, Roland, to Salomon S.A. Ski boot. 4,551,933, 11-12-85, Cl. 36-120.000.

Morelle, Claude: *See—*

Creel, Georges N.; and Morelle, Claude, 4,549,814, Cl. 374-2.000.

Morellini, Franco, to Mobirolo S.p.A. Spiral staircase. 4,527,367, 7-9-85, Cl. 52-187.000.
Morello, Michael E., to Caterpillar Tractor Co. Hold open device. 4,552,392, 11-12-85, Cl. 292-181.000.
Moren, John L.: *See—*
  Crandell, William H.; Moren, John L.; and Ruona, Paul Q., 4,548,245, Cl. 141-237.000.
Moren, Rolf R., to Santrade Ltd. Rotary drill bit. 4,557,609, 12-10-85, Cl. 384-94.000.
Moreno, Gil G. Device for joining tubular members. 4,514,107, 4-30-85, Cl. 403-230.000.
Moreno, Robert J.: *See—*
  Coulson, Richard L.; Blickenstaff, Ronald L.; Dodd, P. David; Moreno, Robert J.; and Kinard, Dean P., 4,503,501, Cl. 364-300.000.
  Dodd, P. David; Blickenstaff, Ronald L.; Coulson, Richard L.; Moreno, Robert J.; and Trede, Brian E., 4,536,836, Cl. 364-200.000.
Morenus, Richard J.: *See—*
  Frisbie, Richard C.; Houser, David E.; Morenus, Richard J.; and Thomas, Edwin L., 4,515,505, Cl. 409-163.000.
Moreschini, Luciano; Dalloro, Leonardo; Cavaterra, Enrico; Petrini, Guido; and Covini, Romano, to Montedison S.p.A. Process for the production of methacrylic acid. 4,499,302, 2-12-85, Cl. 562-599.000.
Moresi, Joseph A., Jr.: *See—*
  Efford, Thomas W.; and Moresi, Joseph A., Jr., 4,547,829, Cl. 361-306.000.
Moret, David M.; and Ahr, Nicholas A., to Procter & Gamble Company, The. Bib having a duplex refastenable tape-tab fastener. 4,495,658, 1-29-85, Cl. 2-49.00R.
Moret, Michel-Antoine; Cuenoud, Gerard; and Jousson, Pierre-Jean, to Les Produits Associes LPA SA. Hydraulic apparatus. 4,561,251, 12-31-85, Cl. 60-537.000.
Morette's Limited: *See—*
  Wilson, Ross E., 4,538,654, Cl. 297-345.000.
Moretti, Alfred, to United States of America, Energy. Radio frequency quadrupole resonator for linear accelerator. 4,494,040, 1-15-85, Cl. 315-5.410.
Moretti, Anthony L.; and Pellolio, Anselmo P., Jr., to E. D. Bullard Company. Disposable protective film accessory for the lens of a respirator hood. 4,542,538, 9-24-85, Cl. 2-438.000.
Moretti, Anthony L.: *See—*
  Brockway, Brock F.; Moretti, Anthony L.; Pellolio, Anselmo P.; and Rasmussen, Jimmie, 4,561,162, Cl. 29-428.000.
Moretti, Antonio; and Banon, Louis, to Regie Nationale des Usines Renault. Synchronous electrodynamic machine with permanent magnets and cooled by a liquid. 4,498,024, 2-5-85, Cl. 310-54.000.
Moretti, Enrico; Zamboni, Valentino; Le Van Mao, Raymond; Padovan, Mario; and Solari, Marcello, to Montedison S.p.A. Process for synthetizing zeolites having a mordenite structure and having high catalytic activity. 4,525,466, 6-25-85, Cl. 502-63.000.
Moretti, Luciano: *See—*
  Dotti, Giulio; Moretti, Luciano; and Costelli, Ugo, 4,531,707, Cl. 251-44.000.
Moretto, Hans-Heinrich: *See—*
  de Montigny, Armand; Illger, Hans-Walter; Gonzalez-Doerner, Alberto C.; and Moretto, Hans-Heinrich, 4,497,962, Cl. 556-446.000.
  Steinberger, Helmut; Moretto, Hans-Heinrich; Michel, Werner; and Kniege, Wilfried, 4,548,999, Cl. 525-453.000.
Moretz, Nellie M.: *See—*
  Matejka, Robert C.; and Moretz, Nellie M., 4,517,228, Cl. 427-370.000.
Moreuil, Rene, to Arconthorn Limited. Drug for stimulating hepatic cell homeostasis and for restoring the functional capacity of the hepatocytes. 4,508,733, 4-2-85, Cl. 514-578.000.
Moreuil, Rene, to Arconthorn Limited. Drug for stimulating hepatic cell homeostasis and for restoring the functional capacity of the hepatocytes. 4,511,580, 4-16-85, Cl. 514-578.000.
Morev, Anatoly V.: *See—*
  Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.
Morey, Marian B.: *See—*
  Kuhnsman, Alexandra; and Morey, Marian B., 4,513,692, Cl. 119-109.000.
Morey, Norval K., to Morbark Industries, Inc. Wood chip screening and processing methods and apparatus. 4,522,344, 6-11-85, Cl. 241-79.000.
Morey, Norval K.; and Bateman, Ivor, to Morbark Industries, Inc. Portable chipper with relatively low power high torque tree feed mechanism for feeding the tree or other product to be chipped at a controlled feed angle. 4,534,390, 8-13-85, Cl. 144-373.000.
Morey, William A., to Rockwell International Corporation. Universal instrument flag receiver. 4,500,841, 2-19-85, Cl. 328-146.000.
Morey, William A.; and Tonneson, Ronald J., to Rockwell International Corporation. Character/vector controller for stroke written CRT displays. 4,507,656, 3-26-85, Cl. 340-739.000.
Morey, William A., to Rockwell International Corporation. Digitally controlled vector generator for stroke written CRT displays. 4,535,328, 8-13-85, Cl. 340-739.000.
Morgan, Annis R., Jr.: *See—*
  Bachmann, G. Merle; Davis, Charles L.; and Morgan, Annis R., Jr., 4,551,935, Cl. 40-584.000.
  King, Eddie W.; and Morgan, Annis R., Jr., 4,498,570, Cl. 194-1.00N.
Morgan, Avery A., to Honeywell Inc. Ring laser gyro system. 4,504,146, 3-12-85, Cl. 356-350.000.
Morgan, Avery A.; and Quasius, Glenn R., to Honeywell Inc. Ring laser gyro system. 4,529,311, 7-16-85, Cl. 356-350.000.
Morgan, Barry A., to Sterling Drug Inc. Analgesic dipeptide amides and method of use and compositions thereof. 4,533,655, 8-6-85, Cl. 514-18.000.
Morgan, Barry A., to Sterling Drug Inc. Analgesic dipeptide amides and method of use and composition thereof. 4,533,657, 8-6-85, Cl. 514-19.000.
Morgan, Bill T.: *See—*
  Mozer, Larry P.; and Morgan, Bill T., 4,496,301, Cl. 425-532.000.
Morgan, Charles R.: *See—*
  Siadat, Bahram; and Morgan, Charles R., 4,560,579, Cl. 427-45.100.
Morgan, Cleon C.: *See—*
  Thomas, John F., Jr.; and Morgan, Cleon C., 4,502,248, Cl. 49-374.000.
Morgan, Clyde R. Bicycle handlebar grips. 4,522,083, 6-11-85, Cl. 74-551.900.
Morgan Construction Company: *See—*
  Custer, Donald J., 4,535,955, Cl. 242-158.00R.
  DuFries, Ronald W., 4,511,096, Cl. 242-47.010.
  Jalil, Asjed A., 4,527,408, Cl. 72-201.000.
  Jalil, Asjed A.; Winslow, Earl S., Jr.; and Gage, Charles H., 4,546,957, Cl. 266-106.000.
  Klusmier, Kenneth L., 4,545,724, Cl. 414-745.000.
  McLaughlin, James L.; Custer, Donald J.; and Donze, Richard J., 4,532,791, Cl. 72-275.000.
  Reardon, Richard J.; Maroti, Endre S.; Roy, Colin; and Lindsay, John S., 4,558,576, Cl. 72-9.000.
  Russell, Robert B., 4,491,488, Cl. 148-144.000.
  Woodrow, Harold E., 4,497,190, Cl. 72-133.000.
  Woodrow, Harold E.; and Smola, Raymond L., 4,537,055, Cl. 72-235.000.
Morgan, Darrell W., Jr. Chiropractic instrument. 4,498,464, 2-12-85, Cl. 128-54.000.
Morgan, David L., to Klipfontein Organic Products Corporation Limited. Production of calcium hypochlorite. 4,500,506, 2-19-85, Cl. 423-474.000.
Morgan, David L., to Seymour-Sheridan, Inc. Thermostatic steam trap assembly. 4,529,122, 7-16-85, Cl. 236-52.000.
Morgan, David L., to Klipfontein Organic Products Corporation Limited. Production of calcium hypochlorite. 4,529,578, 7-16-85, Cl. 423-474.000.
Morgan, David W.; and Andrews, Roland E., to Tektronix, Inc. Signal processing system employing charge transfer devices. 4,527,117, 7-2-85, Cl. 324-121.00R.
Morgan, David W.: *See—*
  Araujo, Roger J.; Hares, George B.; Kerko, David J.; Morgan, David W.; and Morse, David L., 4,549,894, Cl. 65-30.110.
  Kerko, David J.; Morgan, David W.; and Thompson, Richard W., 4,550,087, Cl. 501-13.000.
Morgan, Donald G.: *See—*
  Chisholm, John P.; and Morgan, Donald G., 4,510,499, Cl. 343-456.000.
Morgan Flotation Systems: *See—*
  Rhoton, Albert L., 4,509,218, Cl. 5-450.000.
Morgan, Fred K.: *See—*
  Maringer, Melvin F.; and Morgan, Fred K., 4,548,969, Cl. 524-94.000.
  Maringer, Melvin F.; and Morgan, Fred K., 4,555,379, Cl. 264-310.000.
Morgan, Gene L.: *See—*
  Wurdack, Gerard A.; and Morgan, Gene L., 4,496,890, Cl. 318-600.000.
Morgan, George J., to Stauffer Chemical Company. Pumping apparatus. 4,493,609, 1-15-85, Cl. 415-20.000.
Morgan, George R. Stirling cycle piston engine. 4,498,298, 2-12-85, Cl. 60-525.000.
Morgan, Gregory L.: *See—*
  Sullivan, Timothy A.; Morgan, Gregory L.; and Warner, Arthur S., 4,541,853, Cl. 65-12.000.
Morgan, Howard W. In-line strainer. 4,526,689, 7-2-85, Cl. 210-323.200.
Morgan, Howard W. Liquid filter having self-retaining filter bags. 4,552,661, 11-12-85, Cl. 210-232.000.
Morgan Industries, Inc.: *See—*
  Theis, Peter F.; and Buchberger, Gregory D., 4,559,416, Cl. 179-7.10R.
Morgan, Jack B. Scanning apparatus with video camera. 4,499,490, 2-12-85, Cl. 358-87.000.
Morgan, Jack B. Apparatus and method for monitoring remote security zones. 4,524,354, 6-18-85, Cl. 340-825.360.
Morgan, James T., Jr. Process for producing pre-press color proofs. 4,553,835, 11-19-85, Cl. 355-77.000.
Morgan, John D.: *See—*
  Giolma, William H.; and Morgan, John D., 4,498,020, Cl. 307-261.000.
Morgan, John M. Wire-routing device. 4,514,004, 4-30-85, Cl. 294-19.100.
Morgan, John W., II; and Klein, Thomas E., to Bloom Engineering Company, Inc. Weld insert and refractory anchor. 4,528,672, 7-9-85, Cl. 373-75.000.
Morgan, Karl L.: *See—*
  Edling, Robert J.; and Morgan, Karl L., 4,554,759, Cl. 43-100.000.

Morgan, Lawrence J.: *See—*
  Williams, Rodger W.; Atwood, Charles W.; and Morgan, Lawrence J., 4,560,144, Cl. 251-344.000.
Morgan, Lee W.: *See—*
  Brand, Julia A.; and Morgan, Lee W., 4,546,160, Cl. 526-320.000.
Morgan, Louis W. Plasma oxygen permeability meter. 4,539,092, 9-3-85, Cl. 204-415.000.
Morgan, Michael A.: *See—*
  Mort, Joseph; Jansen, Frank; Grammatica, Steven J.; and Morgan, Michael A., 4,544,617, Cl. 430-58.000.
Morgan, Michael J.; and Gray, Steven G. "Hole-in-one" metal punch drive unit. 4,535,540, 8-20-85, Cl. 30-358.000.
Morgan, Patsy A.: *See—*
  Morgan, William E.; and Morgan, Patsy A., 4,503,849, Cl. 128-133.000.
Morgan, Paul E., to CTI International Inc. Labyrinth ventilator. 4,495,857, 1-29-85, Cl. 98-6.000.
Morgan, Pau. M., to Lakeshore Equipment & Supply Co. Material spreader. 4,511,090, 4-16-85, Cl. 239-666.000.
Morgan, Paul W.; Ellwood, Thomas J.; Amlani, Kish D.; and Hodges, John B., to Eaton Corporation. Combination loading transducer. 4,555,955, 12-3-85, Cl. 73-862.060.
Morgan, Peter E. D.; and Pugar, Eloise A., to Rockwell International Corporation. Process for producing amorphous and crystalline silicon nitride. 4,552,740, 11-12-85, Cl. 423-344.000.
Morgan, Richard P. Can flange trimming. 4,503,738, 3-12-85, Cl. 83-146.000.
Morgan, Robert H.: *See—*
  Charney, Joseph C.; Goodman, Phillip M.; and Morgan, Robert H., 4,537,522, Cl. 401-218.000.
Morgan, Robert K.; and Yaeger, John R., to Raychem Corporation. Self-regulated actuator. 4,524,343, 6-18-85, Cl. 337-140.000.
Morgan, Robert K.: *See—*
  Yaeger, John R.; and Morgan, Robert K., 4,490,975, Cl. 60-527.000.
  Yaeger, John R.; and Morgan, Robert K., 4,551,974, Cl. 60-527.000.
  Yaeger, John R.; and Morgan, Robert K., 4,559,512, Cl. 337-140.000.
Morgan, Thomas A., to Honeywell Information Systems Inc. Hand tool for installing compression rings on radial positioning devices. 4,501,054, 2-26-85, Cl. 29-235.000.
Morgan, Thomas E.; and Tengler, John, to A P Products Incorporated. Low profile test clip. 4,547,028, 10-15-85, Cl. 339-14.00R.
Morgan, Thomas W.: *See—*
  Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,494,858, Cl. 355-3.0TR.
  Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,496,233, Cl. 355-3.0TR.
  Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,497,567, Cl. 355-3.0TR.
Morgan, Tommie J.; and Willcott, M. Robert. Phantom for nuclear magnetic resonance machine. 4,551,678, 11-5-85, Cl. 324-300.000.
Morgan, Walter R.; Boniface, Edmund A.; and Huben, Clayton A., to United States of America, Navy. Turbine engine cold temperature starting system. 4,509,325, 4-9-85, Cl. 60-39.141.
Morgan, Wayne F.: *See—*
  Mendiratta, Ashok K.; and Morgan, Wayne F., 4,492,806, Cl. 568-723.000.
  Mendiratta, Ashok K.; and Morgan, Wayne F., 4,507,509, Cl. 568-724.000.
Morgan, William E.; and Morgan, Patsy A. Arm restraint for blood sampling. 4,503,849, 3-12-85, Cl. 128-133.000.
Morgan, William M.: *See—*
  Barclay, Donald J.; Morgan, William M.; and Vigar, James M., 4,502,927, Cl. 204-51.000.
Morganite Incorporated: *See—*
  Mayer, Leonard C., 4,536,670, Cl. 310-249.000.
Morganroth, Shila. Hair bleaching art. 4,506,783, 3-26-85, Cl. 206-581.000.
Morganstern, Kennard H., to Radiation Dynamics, Inc. Method for reducing the monomer content in acrylonitrile containing polymers. 4,537,734, 8-27-85, Cl. 264-2[illegible]000.
Morgenschweis, Theo: *See—*
  Utsch, Joachim; and Morgenschweis, Theo, 4,523,088, Cl. 235-487.000.
Morgenstern, Robin; and Osann, Edward W., Jr., to Morgenstern, Robin. Lumbosacral backrest with adjustable contour. 4,541,670, 9-17-85, Cl. 297-284.000.
Morgenstern, Stanley W.: *See—*
  Nix, Paul T.; Goldfarb, Rebecca D.; Stong, Linda J.; Sulick, Lorraine E.; Trivedi, Ramesh C.; and Morgenstern, Stanley W., 4,505,756, Cl. 127-29.000.
Morgenthaler, Eugen, to Seewer AG. Dough-rolling machine. 4,518,339, 5-21-85, Cl. 425-367.000.
Morghen, Manfred, to General Dynamics Corporation/Convair Div. Removable and replaceable locating pin for locating a workpiece on a sub-plate for machining. 4,500,079, 2-19-85, Cl. 269-47.000.
Morghen, Manfred, to General Dynamics Corporation/Convair Div. Removable and replaceable indexing and locating tooling component. 4,538,355, 9-3-85, Cl. 33-180.00R.
Morgner, Henry: *See—*
  Neumann, Manfred; Schiller, Siegfried; ZeiBig, Gerhard; Morgner, Henry; and Jasch, Gunter, 4,524,717, Cl. 118-718.000.
  Neumann, Manfred; Morgner, Henry; Forster, Harry; Jasch, Gunter; Kunack, Wilfried; Godenschweg, Martin; and Unganz, Peter, 4,532,888, Cl. 118-718.000.
Morgun, Valery A.: *See—*
  Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.
Morgunov, Valentin V.: *See—*
  Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.
Mori, Atsushi: *See—*
  Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.
Mori, Chuzo, to Carl Manufacturing Co., Ltd. Punch for office use. 4,499,805, 2-19-85, Cl. 83-468.000.
Mori, Chuzo; Watanabe, Jun; and Kudo, Katsutaka, to Carl Manufacturing Co., Ltd. Punch and perforation jig assembly having position maintaining feature. 4,509,397, 4-9-85, Cl. 83-453.000.
Mori, Etsunori: *See—*
  Miki, Atsushi; Mori, Etsunori; Hoshi, Minoru; and Higaki, Masaru, 4,554,523, Cl. 336-70.000.
  Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.
Mori, Fumio: *See—*
  Itsubo, Junichi; Yazaki, Takashi; and Mori, Fumio, 4,520,939, Cl. 215-252.000.
  Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.
Mori, Haruhisa, to Fujitsu Limited. Laser treating implanted semiconductor surface through photo-resist layer. 4,500,365, 2-19-85, Cl. 148-1.500.
Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, to Oki Electric Industry Co., Ltd.; and Nippon Telegraph & Telephone Public Corporation. High voltage integrated semiconductor devices using a thermoplastic resin layer. 4,530,001, 7-16-85, Cl. 357-49.000.
Mori, Hidefumi; and Ikeda, Masahiro, to Nippon Telegraph & Telephone Public Corporation. Method for manufacturing crystalline film. 4,534,820, 8-13-85, Cl. 156-603.000.
Mori, Hidetomo; Matsushita, Osami; Matsubara, Katsumi; Ida, Michiaki; and Sasaki, Shigeru, to Hitachi, Ltd. Rotary fluid machine with thrust bearing mounting unit. 4,557,679, 12-10-85, Cl. 418-201.000.
Mori, Hidetomo: *See—*
  Kasuya, Katsuhiko; Mori, Hidetomo; Fujiwara, Mitsuru; and Matsunaga, Tetsuzo, 4,492,546, Cl. 418-201.000.
Mori, Hideyasu: *See—*
  Komuro, Isaku; Mori, Hideyasu; and Sano, Yoshikazu, 4,559,417, Cl. 179-99.0LS.
  Sano, Yoshikazu; Mori, Hideyasu; and Sato, Yasuji, 4,491,693, Cl. 179-99.00R.
Mori, Hirohumi: *See—*
  Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, 4,495,315, Cl. 523-125.000.
  Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, 4,517,318, Cl. 523-126.000.
Mori, Hiroshi: *See—*
  Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, 4,504,608, Cl. 523-444.000.
  Kishida, Kazuo; Sasaki, Isao; Mori, Hiroshi; and Ii, Yasuaki, 4,550,130, Cl. 523-436.000.
  Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, 4,562,216, Cl. 523-433.000.
  Sasaki, Isao; Ii, Yasuaki; and Mori, Hiroshi, 4,507,423, Cl. 524-427.000.
  Yoshida, Tomohiko; and Mori, Hiroshi, 4,548,964, Cl. 523-455.000.
Mori, Hirotaro; and Fujita, Hiroshi, to Osaka University. Method for amorphization of a metal crystal. 4,557,765, 12-10-85, Cl. 148-4.000.
Mori, Hisakazu: *See—*
  Okamoto, Takanori; Mori, Hisakazu; and Matsuda, Hideaki, 4,510,270, Cl. 523-176.000.
  Okamoto, Takanori; Mori, Hisakazu; and Matsuda, Hideaki, 4,546,125, Cl. 523-176.000.
Mori, Ichiro: *See—*
  Shinozaki, Toshiaki; and Mori, Ichiro, 4,560,278, Cl. 356-364.000.
Mori, Ikurou: *See—*
  Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, 4,555,545, Cl. 524-858.000.
  Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, 4,555,559, Cl. 528-16.000.
Mori, Junji: *See—*
  Sugahara, Kenshi; Yasuda, Kazuo; and Mori, Junji, 4,519,891, Cl. 204-418.000.
Mori, Kashichi, to Kowa Shoji Kabushiki Kaisha. Pineapple cutter. 4,497,245, 2-5-85, Cl. 99-542.000.
Mori, Kazuhiko: *See—*
  Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.
  Yamashita, Tsukasa; Matano, Masaharu; Mori, Kazuhiko; and Ota, Norihiro, 4,491,384, Cl. 350-96.130.

Yamashita, Tsukasa; Mori, Kazuhiko; Matano, Masaharu; and Ota, Norihiro, 4,532,632, Cl. 372-50.000.

Mori, Kei. Sunlight direction sensor. 4,495,408, 1-22-85, Cl. 250-203.00R.

Mori, Kei. Solar collector. 4,498,460, 2-12-85, Cl. 126-440.000.

Mori, Kei. Optical energy collecting and transmitting apparatus using tubular light transmitting element. 4,500,167, 2-19-85, Cl. 350-96.320.

Mori, Kei. Fishing net. 4,501,084, 2-26-85, Cl. 43-17.500.

Mori, Kei. Solar energy collection apparatus. 4,509,500, 4-9-85, Cl. 126-425.000.

Mori, Kei. Ornamental lighting device. 4,510,555, 4-9-85, Cl. 362-32.000.

Mori, Kei. Solar ray collection apparatus. 4,511,755, 4-16-85, Cl. 136-246.000.

Mori, Kei. Solar energy collecting apparatus. 4,512,335, 4-23-85, Cl. 126-440.000.

Mori, Kei. Artificial light source device. 4,523,257, 6-11-85, Cl. 362-32.000.

Mori, Kei. Solar ray collecting device. 4,524,758, 6-25-85, Cl. 126-440.000.

Mori, Kei. Solar light energy and electric lighting system and solar and electric light lamps used therein. 4,525,031, 6-25-85, Cl. 350-265.000.

Mori, Kei. Sunbeam concentrating and collecting apparatus. 4,527,859, 7-9-85, Cl. 350-252.000.

Mori, Kei. Lighting device. 4,536,828, 8-20-85, Cl. 362-32.000.

Mori, Kei. Apparatus for collecting sunlight. 4,541,414, 9-17-85, Cl. 126-438.000.

Mori, Kei. Solar ray collecting device. 4,541,415, 9-17-85, Cl. 126-440.000.

Mori, Kei. Chlorella nurturing device. 4,555,864, 12-3-85, Cl. 47-1.400.

Mori, Kei. Light radiation device and method for trapping fish. 4,556,930, 12-3-85, Cl. 362-32.000.

Mori, Kei. Light transmission control apparatus. 4,560,238, 12-24-85, Cl. 350-266.000.

Mori, Kei. Optical filter device. 4,560,252, 12-24-85, Cl. 350-315.000.

Mori, Keiichi: *See—*

Takata, Manabu; Inoue, Shojiro; and Mori, Keiichi, 4,492,336, Cl. 236-20.00A.

Mori, Keiji: *See—*

Nagata, Kazuhisa; Mori, Keiji; and Ogasawara, Asao, 4,493,507, Cl. 296-216.000.

Mori, Kenji; and Uematsu, Tamon, to Sumitomo Chemical Company, Limited. Production method of an insect pheromone. 4,511,726, 4-16-85, Cl. 549-283.000.

Mori, Kenji: *See—*

Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.

Mori, Kenjiro: *See—*

Sako, Kazuaki; and Mori, Kenjiro, 4,539,563, Cl. 340-735.000.

Mori, Kenzo; and Ozawa, Mikio, to Taiyo Musen Co. Ltd. Automatic direction finder. 4,507,663, 3-26-85, Cl. 343-440.000.

Mori, Kenzo; Yasuda, Hyo; and Suzuki, Minoru, to Taiyo Musen Co. Ltd. Plate antenna for direction finder. 4,510,498, 4-9-85, Cl. 343-435.000.

Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, to Hitachi, Ltd. Message communication method and system. 4,510,492, 4-9-85, Cl. 340-825.050.

Mori, Kiyoshi; and Nakagawa, Masao, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Expandable thermoplastic resin particles and process for preparing the same. 4,539,335, 9-3-85, Cl. 521-60.000.

Mori, Kiyoshi: *See—*

Nakagawa, Masao; Mori, Kiyoshi; and Sugita, Toshiaki, 4,560,735, Cl. 526-232.300.

Mori, Kiyoto: *See—*

Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.

Mori, Koh: *See—*

Ueda, Fumio; Hashimoto, Eiichi; Yamada, Takeyoshi; and Mori, Koh, 4,493,714, Cl. 55-16.000.

Mori, Koichi: *See—*

Morimoto, Isao; Nakao, Masafumi; and Mori, Koichi, 4,531,183, Cl. 346-135.100.

Watase, Tosio; Mori, Koichi; Sasaki, Kazuo; Onizuka, Katsumi; Yoshikawa, Yuzo; and Fujita, Takeshi, 4,502,323, Cl. 73-49.600.

Mori, Koji: *See—*

Segawa, Hideo; Mori, Koji; Itagaki, Masanori; Sakurai, Kohichi; and Ishiwata, Tatsumi, 4,499,384, Cl. 250-578.000.

Mori, Koshiro: *See—*

Ishihara, Shin-ichiro; Hirao, Takashi; Mori, Koshiro; and Mochizuki, Motonori, 4,492,605, Cl. 148-174.000.

Mori, Kyoichiro; and Hirano, Hiroyuki, to Asahi Kasei Kogyo Kabushiki Kaisha. Sequentially produced multilayer acrylic resin composition. 4,521,568, 6-4-85, Cl. 525-309.000.

Mori, Leo; Aoba, Takashi; and Tominaga, Mamoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Rear projection screen. 4,502,755, 3-5-85, Cl. 350-128.000.

Mori, Leo; Tominaga, Mamoru; and Aoba, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Lighting apparatus. 4,538,216, 8-27-85, Cl. 362-311.000.

Mori, Makoto: *See—*

Imanishi, Kazuo; Hashimoto, Masaru; and Mori, Makoto, 4,538,198, Cl. 361-86.000.

Mori Manufacturing Co., Ltd.: *See—*

Mori, Masami, 4,531,756, Cl. 280-279.000.

Mori, Masaaki: *See—*

Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.

Mori, Masafumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for scanning a plane with light beams. 4,547,038, 10-15-85, Cl. 350-6.500.

Mori, Masahiko; Arai, Kenichiro; and Tezuka, Chikao, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Serial printer. 4,534,665, 8-13-85, Cl. 400-145.200.

Mori, Masakazu: *See—*

Yoshino, Souichi; Kusanagi, Tadashi; and Mori, Masakazu, 4,546,409, Cl. 361-387.000.

Mori, Masami, to Mori Manufacturing Co., Ltd. Two-wheeled vehicle head parts assembly. 4,531,756, 7-30-85, Cl. 280-279.000.

Mori, Masami: *See—*

Nishimura, Masao; Mori, Masami; and Yoshimi, Akirou, 4,537,245, Cl. 165-22.000.

Mori, Masanobu: *See—*

Suzuki, Shunsuke; Mori, Masanobu; and Miyata, Takeshi, 4,512,383, Cl. 164-35.000.

Mori, Masao: *See—*

Inoue, Akira; Takase, Shinji; Sekido, Yasuo; Mori, Masao; and Kubo, Tatsuki, 4,508,849, Cl. 502-263.000.

Mori, Mikio. Overcasting attachment for a sewing machine. 4,546,715, 10-15-85, Cl. 112-162.000.

Mori, Mikio: *See—*

Sarumaru, Kohei; Iwakura, Tomoatsu; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, 4,551,571, Cl. 585-440.000.

Mori, Mitsuo; Suzuki, Yoshihisa; Muramatsu, Shigeru; and Takasu, Shigeru, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Weighting device for drafting means. 4,510,648, 4-16-85, Cl. 19-266.000.

Mori, Motokuni: *See—*

Kihara, Kunio; Toda, Hideo; Mori, Motokuni; and Morooka, Koji, 4,557,930, Cl. 424-79.000.

Mori, Nobuhiko, to Nippon Electric Co., Ltd. Comparator suitable for a character recognition system. 4,498,189, 2-5-85, Cl. 382-30.000.

Mori, Nobuhiko, to Nippon Electric Co., Ltd. Character recognition system utilizing pattern matching method. 4,510,617, 4-9-85, Cl. 382-33.000.

Mori, Nobuyuki: *See—*

Hayakawa, Kizo; Mori, Nobuyuki; Watanabe, Yoshio; and Nakashima, Kazumi, 4,532,898, Cl. 123-276.000.

Kawabata, Yasuhiro; Kadokawa, Yoshio; Mori, Nobuyuki; and Suzuki, Shinji, 4,517,854, Cl. 74-492.000.

Mori, Sachio: *See—*

Ogawa, Yasunao; Noto, Akira; Mori, Sachio; and Yoshioka, Mitsuru, 4,552,841, Cl. 435-18.000.

Mori, Sanae, to Daido Metal Company Ltd. Method for measuring an adhesive strength of a multi-layer material. 4,501,154, 2-26-85, Cl. 73-827.000.

Mori, Seiji: *See—*

Ito, Masaya; Mori, Seiji; and Ishida, Noboru, 4,557,704, Cl. 464-181.000.

Mori, Shigeki: *See—*

Shinomiya, Tsutomu; Mori, Shigeki; and Higuchi, Hiroshi, 4,506,577, Cl. 83-499.000.

Mori, Shigeo: *See—*

Fujita, Takeshi;; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, 4,521,586, Cl. 528-297.000.

Fujita, Takeshi; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, 4,528,360, Cl. 528-297.000.

Kito, Kuniji; Watanabe, Akihiro; and Mori, Shigeo, 4,559,414, Cl. 174-196.000.

Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, to Shin-Etsu Chemical Co., Ltd. Heat-resistant silicone fluid compositions. 4,515,702, 5-7-85, Cl. 252-49.600.

Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, to Shin-Etsu Chemical Co., Ltd. Silicone-based working fluid composition. 4,537,691, 8-27-85, Cl. 252-49.600.

Mori, Shigeru; and Tarumi, Yasuo, to Shin-Etsu Chemical Co., Ltd. Heat-resistant organopolysiloxane composition. 4,560,784, 12-24-85, Cl. 556-401.000.

Mori, Shiro: *See—*

Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.

Mori, Shuichi; Fukatsu, Yasumasa; and Sakakibara, Takashi, to Pioneer Electronic Corporation. Automatic sound volume control device. 4,553,257, 11-12-85, Cl. 381-57.000.

Mori, Shunichiro: *See—*

Yamamoto, Kazushi; Nagai, Takeshi; Hirai, Nobuyuki; and Mori, Shunichiro, 4,530,464, Cl. 239-102.000.

Mori, Shunji: *See—*

Kaneko, Tomonori; Mori, Shunji; Ichikawa, Tetsuo; Hiroki, Yoichi; and Kariya, Takashi, 4,495,780, Cl. 62-229.000.

Mori, Susumu; and Yamada, Hideaki, to Nippon Electric Co., Ltd. NAND logic gate circuit having improved response time. 4,507,575, 3-26-85, Cl. 307-456.000.

Mori, Tadashi; and Nakajima, Teruo, to Sumitomo Chemical Company, Limited. Pharmaceutical composition and method for treatment of psychomotor excitement. 4,529,603, 7-16-85, Cl. 514-565.000.

Mori, Taiichi: *See—*
Ishida, Yasuhiko; Mori, Taiichi; Hikita, Shigeyuki; and Horiba, Tamotsu, 4,548,625, Cl. 55-282.000.
Mori, Takaaki: *See—*
Itoh, Toshiyasu; and Mori, Takaaki, 4,537,814, Cl. 428-217.000.
Mori, Takanobu, to Hitachi, Ltd. Welded structure for use at very low temperatures. 4,529,669, 7-16-85, Cl. 428-683.000.
Mori, Takaro; Saito, Susumu; and Fujii, Yasuhiko, to Victor Company of Japan, Ltd. Digital data transmission system with modified NRZI. 4,546,393, 10-8-85, Cl. 360-40.000.
Mori, Takaro: *See—*
Fujii, Yasuhiko; Owaki, Isao; Saito, Susumu; Mori, Takaro; and Nakamura, Shinji, 4,551,840, Cl. 371-38.000.
Sasamura, Kohhei; and Mori, Takaro, 4,521,817, Cl. 360-46.000.
Yamada, Yasuhiro; and Mori, Takaro, 4,499,507, Cl. 360-26.000.
Mori, Takashi; Mizu, Kouichi; and Jo, Yasunori, to Matsushita Electric Industrial Co., Ltd. Automatic screwdriver. 4,495,841, 1-29-85, Cl. 81-430.000.
Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, to Kabushiki Kaisha Kobe Seiko Sho. Electromagnetic stirring method in horizontal continuous casting process. 4,529,030, 7-16-85, Cl. 164-468.000.
Mori, Takasuke: *See—*
Narita, Kiichi; Mori, Takasuke; and Ayata, Kenzo, 4,515,203, Cl. 164-468.000.
Narita, Kiichi; Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,527,615, Cl. 164-468.000.
Mori, Teijiro; Wada, Yuichi; Nishisako, Shizutaka; Tazawa, Hiroaki; and Masuda, Shigeru, to Mitsubishi Denki Kabushiki Kaisha. Switch. 4,539,451, 9-3-85, Cl. 200-147.00R.
Mori, Teijiro, to Mitsubishi Denki Kabushiki Kaisha. Power switch. 4,560,847, 12-24-85, Cl. 200-144.00R.
Mori, Teijiro: *See—*
Okado, Hiroyuki; Masuda, Shigeru; and Mori, Teijiro, 4,521,655, Cl. 200-147.00R.
Mori, Teruo; Shirai, Hiroshi; Kakei, Tsutomu; Matsuhisa, Tsuneyasu; and Watanabe, Masaru, to Fuji Photo Film Co., Ltd. Apparatus for electrolytic treatment to metal web. 4,502,933, 3-5-85, Cl. 204-206.000.
Mori, Tetsuo: *See—*
Ishigami, Yoshihisa; Hashimota, Yasumasa; Kitado, Tadaharu; Nishimura, Hiromi; and Mori, Tetsuo, 4,513,339, Cl. 361-45.000.
Mori, Tomohiro, to Victor Company of Japan, Ltd. Code generating apparatus. 4,543,620, 9-24-85, Cl. 360-49.000.
Mori, Tomohiro: *See—*
Inami, Mamoru; Ohtsuki, Zenju; Tanaka, Yoshiaki; Mori, Tomohiro; and Hasegawa, Akio, 4,553,179, Cl. 360-66.000.
Mori, Tomoyuki: *See—*
Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.
Mori, Toshihiro, to NEC Corporation. Battery saver circuit for use with paging receiver. 4,523,332, 6-11-85, Cl. 455-343.000.
Mori, Toshihiro; and Nagata, Koichi, to Nippon Electric Co., Ltd. Signal format detection circuit for digital radio paging receiver. 4,554,540, 11-19-85, Cl. 340-825.440.
Mori, Toshihito; Yoshizaki, Hideo; and Hasegawa, Akio, to Asahi Kasei Kogyo Kabushiki Kaisha; and Kowa Co., Ltd. Purified plasminogen activator, process for its production and thrombolytic composition containing it. 4,505,893, 3-19-85, Cl. 424-94.000.
Mori, Toshihito: *See—*
Iwasaki, Akio; Deushi, Takeo; Watanabe, Isamu; and Mori, Toshihito, 4,515,942, Cl. 536-16.800.
Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
Mori, Toshikatsu: *See—*
Kahara, Toshiki; Mori, Toshikatsu; Imahashi, Jinichi; Honji, Akio; and Tamura, Kohki, 4,555,452, Cl. 429-13.000.
Mori, Toshio, to Sony Corporation. Method for the preparation of a pyroelectric material. 4,500,397, 2-19-85, Cl. 204-181.00T.
Mori, Toshiro: *See—*
Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,507,942, Cl. 68-20.000.
Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,551,996, Cl. 68-20.000.
Mori, Tsutomu T.; Dybdal, Robert B.; and Etcheverry, Robert D., to United States of America, Air Force. High sensitivity millimeter-wave measurement apparatus. 4,510,622, 4-9-85, Cl. 455-67.000.
Mori, Yasuharu: *See—*
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Tokuno, Masateru; Sawata, Tetsuya; and Mori, Yasuharu, 4,548,109, Cl. 83-71.000.
Mori, Yasuhiko; Hattori, Shigeo; Masaoka, Isao; and Itow, Hisao, to Hitachi, Ltd. In-pile parts for nuclear reactor and method of heat treatment therefor. 4,512,820, 4-23-85, Cl. 148-12.70N.
Mori, Yasuki: *See—*
Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
Mori, Yasuyuki: *See—*
Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.
Mori, Yoshiaki: *See—*
Yasukawa, Motohiro; Ishikawa, Yukio; Ojima, Yasuo; Harada, Hiromi; and Mori, Yoshiaki, 4,525,208, Cl. 75-25.000.
Mori, Yoshifumi; and Matsuda, Osamu, to Sony Corporation. Semiconductor laser. 4,503,539, 3-5-85, Cl. 372-45.000.
Mori, Yoshihiro; Yamamoto, Osamu; and Yamamoto, Kazumasa, to Matsushita Electric Industrial Co., Ltd. Position coordinate input device. 4,558,757, 12-17-85, Cl. 178-18.000.
Mori, Yoshihisa; Kobayashi, Hachisiro; and Takashima, Mitsuru, to Sony Corporation. Pickup cartridge. 4,493,071, 1-8-85, Cl. 369-146.000.
Mori, Yoshihisa; and Takashima, Mitsuru, to Sony Corporation. Moving coil type cartridge mounted on cantilever within central opening of ring magnet. 4,547,874, 10-15-85, Cl. 369-139.000.
Mori, Yoshihisa: *See—*
Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, 4,517,546, Cl. 338-320.000.
Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, 4,540,463, Cl. 156-630.000.
Shibagaki, Kazuyoshi; Mori, Yoshihisa; and Moriuchi, Takahiko, 4,532,186, Cl. 428-457.000.
Mori, Yoshikazu; Kojima, Susumu; and Kobayashi, Osamu, to Kabushiki Kaisha Nippon Coinco. Bill retention device. 4,513,880, 4-30-85, Cl. 221-260.000.
Mori, Yoshikazu; and Kobayashi, Osamu, to Kabushiki Kaisha Nippon Coinco. Bill accepting device and method for controlling accepting of bills. 4,540,081, 9-10-85, Cl. 194-4.00C.
Mori, Yoshio: *See—*
Hashimoto, Kiyoyasu; Yoshinaga, Kenji; Mori, Yoshio; Seino, Junzaburo; Kenmochi, Hirohito; and Sato, Katsunobu, 4,536,569, Cl. 534-575.000.
Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Mori, Yoshio, 4,527,189, Cl. 358-29.000.
Mori, Yuichirou, to Sharp Kabushiki Kaisha. Interpolation dot control in an ink jet system printer. 4,525,726, 6-25-85, Cl. 346-75.000.
Mori, Yutaka: *See—*
Nakamura, Keiichi; Inaguma, Yoshiharu; and Mori, Yutaka, 4,496,288, Cl. 417-213.000.
Moriarity, Aaron J.; and Girsch, Charles W., to Girsch Design Associates. Button worn novelty device. 4,543,740, 10-1-85, Cl. 40-315.000.
Moriarty, Michael P., to Rockwell International Corporation. Combustion method. 4,517,165, 5-14-85, Cl. 423-244.000.
Moriarty, Michael P., to Rockwell International Corporation. Combustion method. 4,523,532, 6-18-85, Cl. 110-347.000.
Moriarty, William L.: *See—*
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Moribe, Hiroshi, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Tracking control system of multijoint robot. 4,529,921, 7-16-85, Cl. 318-568.000.
Moribe, Hiroshi: *See—*
Kuno, Toshitaka; Moribe, Hiroshi; and Miyamoto, Shojirou, 4,513,231, Cl. 318-341.000.
Kuno, Toshitaka; Moribe, Hiroshi; and Kamiya, Atsushi, 4,524,313, Cl. 318-563.000.
Morichika, Toshiaki: *See—*
Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.
Moriconi, Emil: *See—*
Doswald, Paul; Moriconi, Emil; Moser, Helmut; and Schmid, Horst, 4,550,158, Cl. 534-605.000.
Moriga, Hiroyuki; Uchida, Masao; Iwashita, Koichi; and Tanaka, Shuji, to Teijin Limited. Method for treating metallic or ceramic surfaces at high temperatures. 4,497,720, 2-5-85, Cl. 252-52.00A.
Morigaki, Masakazu: *See—*
Ishikawa, Takatoshi; Mitsui, Akio; Morigaki, Masakazu; and Nakamura, Takashi, 4,491,630, Cl. 430-372.000.
Noguchi, Yasuhiro; and Morigaki, Masakazu, 4,517,286, Cl. 430-562.000.
Ohki, Nobutaka; Tsubota, Motohiko; Morigaki, Masakazu; and Hamaoka, Tsutomu, 4,542,086, Cl. 430-218.000.
Seto, Nobuo; Furutachi, Nobuo; Morigaki, Masakazu; and Nakazyo, Kiyoshi, 4,559,297, Cl. 430-551.000.
Moriguchi, Fujio; and Kurata, Masami, to Fuji Xerox Co., Ltd. Multicolor transfer heat-sensitive recording apparatus. 4,495,507, 1-22-85, Cl. 346-76.0PH.
Moriguchi, Fujio; and Kurata, Masami, to Fuji Xerox Co., Ltd. Drive device in a plane reading device. 4,553,174, 11-12-85, Cl. 358-285.000.
Moriguchi, Fujio: *See—*
Moriguchi, Haruhiko; Moriguchi, Fujio; and Ohmori, Takashi, 4,510,506, Cl. 346-76.0PH.
Moriguchi, Haruhiko; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Copying machine. 4,496,988, 1-29-85, Cl. 358-294.000.
Moriguchi, Haruhiko; Kikuchi, Yoshiki; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Transfer type heat-sensitive recording medium. 4,502,065, 2-26-85, Cl. 346-204.000.
Moriguchi, Haruhiko; Moriguchi, Fujio; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Recording apparatus. 4,510,506, 4-9-85, Cl. 346-76.0PH.
Moriguchi, Haruhiko; and Inui, Toshiharu, to Fuji Xerox Co., Ltd. Thermal head. 4,514,736, 4-30-85, Cl. 346-76.0PH.

Moriguchi, Haruhiko; and Inui, Toshiharu, to Fuji Xerox Co., Ltd. Transfer type heat sensitive recording medium. 4,518,645, 5-21-85, Cl. 428-212.000.

Moriguchi, Haruhiko; and Kurata, Masami, to Fuji Xerox Co., Ltd. Polychromatic image sensor. 4,520,381, 5-28-85, Cl. 357-30.000.

Moriguchi, Haruhiko; Omori, Takashi; and Inui, Toshiharu, to Fuji Xerox Co., Ltd. Method and apparatus for thermal printing. 4,535,340, 8-13-85, Cl. 346-76.0PH.

Moriguchi, Haruhiko, Inui, Toshiharu; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Thermal head driving method. 4,560,988, 12-24-85, Cl. 346-1.100.

Moriguchi, Haruhiko: *See—*

- Inui, Toshiharu; and Moriguchi, Haruhiko, 4,524,368, Cl. 346-76.0PH.
- Inui, Toshiharu; and Moriguchi, Haruhiko, 4,536,774, Cl. 346-76.0PH.
- Svay, Leng, Moriguchi, Haruhiko; and Inui, Toshiharu, 4,513,296, Cl. 346-76.0PH.
- Yamamoto, Tadashi; and Moriguchi, Haruhiko, 4,549,221, Cl. 358-288.000.

Moriguchi, Hiroyuki; Matsumoto, Masanori; Nishiwaki, Akira; Morohoshi, Yasuo; and Nomori, Hiroyuki, to Konishiroku Photo Industry Co., Ltd. Method of using an evaporation source. 4,551,303, 11-5-85, Cl. 420-590.000.

Moriguchi, Kisoo; and Ikegami, Tadashi, to Asahi Kasei Kogyo Kabushiki Kaisha. Polyethylene composition. 4,536,550, 8-20-85, Cl. 525-240.000.

Moriguchi, Kouichi: *See—*

- Iwamoto, Kenji; Moriguchi, Kouichi; and Matusiro, Ryuiti, 4,519,210, Cl. 60-602.000.

Moriguchi, Masakazu: *See—*

- Tsubota, Motohiko; and Moriguchi, Masakazu, 4,495,270, Cl. 430-218.000.

Moriguchi, Sakumi: *See—*

- Tokiwai, Moriyasu; Moriguchi, Sakumi; and Shinkawa, Takao, 4,553,030, Cl. 250-307.000.

Moriguchi, Seki: *See—*

- Yamamoto, Kunio; Ichikawa, Kaoru; and Moriguchi, Seki, 4,549,681, Cl. 227-8.000.

Moriguchi, Yutaro; Honda, Makoto; and Izawa, Akira, to Dai Nippon Insatsu Kabushiki Kaisha. Rear projection screen. 4,509,823, 4-9-85, Cl. 350-128.000.

Morihara, Kazuyuki; Oka, Tatsushi; and Tsuzuki, Hiroshige, to Shionogi & Co., Ltd. Semi-synthesis of human insulin. 4,511,505, 4-16-85, Cl. 260-112.700.

Morihashi, Toshifumi: *See—*

- Nakahara, Teiji; and Morihashi, Toshifumi, 4,497,167, Cl. 57-328.000.

Morii, Akira: *See—*

- Abe, Yasuaki; Hayashi, Mikio; Asagi, Kousaku; Morii, Akira; and Fujimura, Kazutoshi, 4,495,017, Cl. 156-181.000.

Morijiri, Makoto: *See—*

- Fuyama, Moriaki; Tamura, Katsumi; Morijiri, Makoto; Sawahata, Mamoru; and Hachino, Hiroaki, 4,543,573, Cl. 340-781.000.

Morikawa, Haruyuki: *See—*

- Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, 4,504,679, Cl. 564-67.000.

Morikawa, Hideyuki: *See—*

- Sanuki, Sannosuke; and Morikawa, Hideyuki, 4,547,340, Cl. 422-116.000.

Morikawa, Hisashi: *See—*

- Mitani, Toragoro; Yasui, Hideo; and Morikawa, Hisashi, 4,517,344, Cl. 526-62.000.

Morikawa, Kenichi; Nagatomi, Kazuyuki; and Katanuma, Mitsuo, to NEC Corporation. Electronic key telephone system. 4,520,235, 5-28-85, Cl. 179-99.0LS.

Morikawa, Koji, to Fuji Jukogyo Kabushiki Kaisha. System for controlling fuel injection for multiple-displacement engines. 4,541,387, 9-17-85, Cl. 123-481.000.

Morikawa, Kouji; and Suzuki, Hitoshi, to Fuji Jukogyo Kabushiki Kaisha. Intake system for an automotive engine. 4,494,493, 1-22-85, Cl. 123-52.00M.

Morikawa, Kouji, to Fuji Jukogyo Kabushiki Kaisha. Intake system for an automotive engine. 4,545,347, 10-8-85, Cl. 123-308.000.

Morikawa, Kunihiko; Higuchi, Megumu; and Yanai, Tokiyoshi, to Nissan Motor Company, Limited. Method of manufacturing racks for variable ratio steering gears. 4,516,422, 5-14-85, Cl. 72-377.000.

Morikawa, Masaki; Yoshida, Hideaki; and Kishida, Kunio, to Mitsubishi Kinzoku Kabushiki Kaisha; and Fujitsu Limited. Copper alloy having high resistance to oxidation for use in leads on semiconductor devices and clad material containing said alloy. 4,525,434, 6-25-85, Cl. 428-674.000.

Morikawa, Shigenori, to Casio Computer Co., Ltd. Electronic musical instrument. 4,502,359, 3-5-85, Cl. 84-1.190.

Morikawa, Takitaro: *See—*

- Kikuchi, Keisuke; Morikawa, Takitaro; Shimada, Junichi; and Sakurai, Kenjiro, 4,557,566, Cl. 350-413.000.

Morikawa, Tatsumi; Osawa, Yoshio; Kawakami, Takao; and Yoshida, Naoki, to Yamato Scientific Co., Ltd. Fume hood. 4,548,128, 10-22-85, Cl. 98-115.300.

Morikawa, Teruo: *See—*

- Tokuhara, Mitsuhiro; Torigai, Akiyoshi; and Morikawa, Teruo, 4,497,573, Cl. 355-58.000.

Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, to Matsushita Electric Industrial Co., Ltd. Magnetic recording/playback device. 4,491,885, 1-1-85, Cl. 360-85.000.

Morikawa, Yoshitada: *See—*

- Yoshihara, Mitsuo; Morikawa, Yoshitada; Yamamoto, Yasuo; Komada, Mitsuharu; and Hattori, Masaaki, 4,560,713, Cl. 523-400.000.

Morikawa, Yoshitaka; and Matsui, Hiroyuki, to Matsushita Electric Industrial Co., Ltd. Sanitary cleaning equipment. 4,558,473, 12-17-85, Cl. 4-420.200.

Morikawa, Yoshitsugu; Nomoto, Kiyoshi; and Okada, Kenichi, to Shin-Etsu Polymer Co., Ltd. Keyboard switch assembly. 4,527,021, 7-2-85, Cl. 200-5.00A.

Morikawa, Yuichi; Saito, Kazuo; Amada, Eiichi; and Shirasu, Hirotoshi, to Nippon Telegraph & Telephone Public Corporation; and Hitachi, Ltd. Subscriber line interface circuit with complex impedance. 4,558,185, 12-10-85, Cl. 179-170.0NC.

Moriki, Yasumitsu; Sato, Tadashi; Yamamoto, Kazuyoshi; and Takahashi, Izumi, to Maruma Jyusharyo Kabushikigaisha. Seal check apparatus for lubricant-enclosure type track joints of track chains. 4,543,818, 10-1-85, Cl. 73-49.800.

Morikura, Masahiro: *See—*

- Masamura, Tatsuro; Morikura, Masahiro; and Maki, Takayoshi, 4,554,672, Cl. 375-40.000.

Morillon, Theodore, to Etablissements Morillon. Extracting screw apparatus. 4,538,505, 9-3-85, Cl. 91-518.000.

Morimitsu, Toshihiko: *See—*

- Hattori, Makoto; Taguma, Akihiro; Morimitsu, Toshihiko; and Takeshita, Akira, 4,519,947, Cl. 260-371.000.

Morimoto, Akira: *See—*

- Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, 4,510,138, Cl. 514-206.000.
- Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, 4,514,565, Cl. 544-25.000.
- Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, 4,520,194, Cl. 544-22.000.

Morimoto, Etsuji; and Orito, Keijiro, to Oki Electric Industry Co., Ltd. Method of manufacturing printed wiring boards. 4,518,465, 5-21-85, Cl. 204-15.000.

Morimoto, Hideyuki; Saeki, Masaru; and Kawakita, Tetsuya, to Ajinomoto Co., Inc. Process for the production of a fermentation starting material. 4,543,330, 9-24-85, Cl. 435-110.000.

Morimoto, Hiroshi; Imada, Isuke; Watanabe, Masazumi; and Kawada, Mitsuru, to Takeda Chemical Industries, Ltd. Aralkyl carboxylic acid compounds in compositions for potentiating immuno activity. 4,525,361, 6-25-85, Cl. 514-689.000.

Morimoto, Ikuhisa; Kimura, Yasuhiko; and Nakamura, Masaaki, to Matsushita Electric Works, Ltd. Two bulb lamp socket. 4,529,259, 7-16-85, Cl. 339-155.00L.

Morimoto, Isao; Nakao, Masafumi; and Mori, Koichi, to Asahi Kasei Kogyo Kabushiki Kaisha. Information recording material. 4,531,183, 7-23-85, Cl. 346-135.100.

Morimoto, Junichi; Kawamura, Fumio; Watanabe, Akira; Suzuki, Yoshio; and Kawamura, Masamichi, to Tomoegawa Paper Manufacturing Co., Ltd. Electrophotographic photoconductive elements. 4,539,282, 9-3-85, Cl. 430-59.000.

Morimoto, Kazuo: *See—*

- Murakami, Shinjiro; Hashimoto, Osamu; Morimoto, Kazuo; and Hyodo, Kaneaki, 4,495,009, Cl. 148-128.000.

Morimoto, Keisuke, to General Foods Corporation. Extrusion process for shrimp or crabmeat analog products using boiling gelling bath. 4,548,823, 10-22-85, Cl. 426-104.000.

Morimoto, Keisuke, to General Foods Corporation. Extrusion process for shrimp or crabmeat analog products in a series of non-boiling gelling baths. 4,554,166, 11-19-85, Cl. 426-276.000.

Morimoto, Keisuke, to General Foods Corporation. Extruded shrimp analog formed from vegetable protein and starch complex. 4,562.082, 12-31-85, Cl. 426-104.000.

Morimoto, Kiyoshi; and Takagi, Toshinori, to Futaba Denshi Kogyo K.K. Energy conversion element. 4,500,741, 2-19-85, Cl. 136-206.000.

Morimoto, Kiyoshi; and Takagi, Toshinori, to Futaba Denshi Kogyo K.K. Iron silicide thermoelectric conversion element. 4,500,742, 2-19-85, Cl. 136-206.000.

Morimoto, Kiyoshi; and Takagi, Toshinori, to Futaba Denshi Kogyo K.K. Semiconductor device. 4,523,211, 6-11-85, Cl. 357-4.000.

Morimoto, Kiyoshi; and Takagi, Toshinori, to Futaba Denshi Kogyo K.K. Photoelectromotive force element. 4,535,195, 8-13-85, Cl. 136-261.000.

Morimoto, Kiyoshi; and Takagi, Toshinori, to Futaba Denshi Kogyo K.K. Amorphous film of transition element-silicon compound. 4,539,054, 9-3-85, Cl. 148-403.000.

Morimoto, Kiyoshi; and Watanabe, Hiroshi, to Futaba Denshi Kogyo K.K. Fluorescent display device. 4,540,983, 9-10-85, Cl. 340-772.000.

Morimoto, Kiyoshi; and Watanabe, Hiroshi, to Futaba Denshi Kogyo K.K. Fluorescent display tube. 4,542,317, 9-17-85, Cl. 313-496.000.

Morimoto, Kiyoshi; and Takagi, Toshinori, to Futaba Denshi Kogyo K.K. Ion beam deposition apparatus. 4,559,901, 12-24-85, Cl. 118-723.000.

Morimoto, Kiyoshi: *See—*

- Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.
- Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.

Morimoto, Kotaro; and Suzuki, Tomio, to Kobe Steel, Limited. Combustion method for reducing the emission of nitrogen oxides. 4,515,553, 5-7-85, Cl. 431-8.000.

Morimoto, Kotaro: *See—*

Suzuki, Tomio; and Morimoto, Kotaro, 4,498,861, Cl. 431-12.000.

Morimoto, Makoto: *See—*

Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, 4,511,560, Cl. 514-27.000.

Morimoto, Masafumi: *See—*

Hashimoto, Shintaro; Morimoto, Masafumi; Nakanishi, Tosaku; Yoshida, Hideo; and Yanagiuchi, Shigenobu, 4,493,050, Cl. 364-900.000.

Morimoto, Masao; Sano, Shoji; Yoshimi, Kazuyoshi; and Saitou, Kazuo, to Sanyo Electric Co., Ltd. Blower and rotating wind deflector. 4,521,153, 6-4-85, Cl. 415-146.000.

Morimoto, Masayuki: *See—*

Ide, Tatsumi; and Morimoto, Masayuki, 4,542,359, Cl. 335-78.000.

Okihara, Naoto; Morimoto, Masayuki; and Ide, Tatsumi, 4,535,311, Cl. 335-124.000.

Morimoto, Mitsutaka: *See—*

Nagasawa, Eiji; Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Higuchi, Kohei, 4,551,908, Cl. 29-571.000.

Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Nagasawa, Eiji, 4,558,507, Cl. 29-571.000.

Morimoto, Naruaki: *See—*

Nagasawa, Shiro; Morimoto, Naruaki; Fujimura, Toshio; Itoh, Masayuki; and Taniguchi, Shinya, 4,542,730, Cl. 123-489.000.

Morimoto, Satoshi: *See—*

Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.

Morimoto, Seiichi: *See—*

Ishii, Katsuyoshi; Kobori, Michio; and Morimoto, Seiichi, 4,554,255, Cl. 436-102.000.

Morimoto, Shigeo: *See—*

Adachi, Takashi; Morimoto, Shigeo; Takahashi, Yoko; Watanabe, Yoshiaki; and Omura, Sadafumi, 4,496,717, Cl. 536-7.200.

Morimoto, Shinichi, to Shimano Industrial Company Limited. Fishing reel. 4,558,828, 12-17-85, Cl. 242-7.190.

Morimoto, Takeshi: *See—*

Oda, Yoshio; Morimoto, Takeshi; and Matsubara, Toshiya, 4,518,470, Cl. 204-98.000.

Oda, Yoshio; Morimoto, Takeshi; and Suzuki, Kohji, 4,533,453, Cl. 204-252.000.

Oda, Yoshio; and Morimoto, Takeshi, 4,551,220, Cl. 204-294.000.

Morimoto, Takuo; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Heat-insulating refractory material consisting alkali titanate and silicon resin. 4,496,469, 1-29-85, Cl. 252-62.000.

Morimoto, Tatsuo: *See—*

Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, 4,559,687, Cl. 29-157.00C.

Morimoto, Toru; Ohsaki, Tsuyoshi; Ohkawa, Toshio; and Fujita, Masahito, to N.D.C. Co., Ltd. Method of sintering stainless steel powder. 4,552,719, 11-12-85, Cl. 419-2.000.

Morimoto, Toshiya: *See—*

Fujiwara, Masakatu; Miyamoto, Takeshi; Kuzuhara, Hiroshi; and Morimoto, Toshiya, 4,541,573, Cl. 241-36.000.

Morimoto, Tsuyoshi, to Totoku Co., Ltd. Latticed tubular fence and method of making same. 4,508,321, 4-2-85, Cl. 256-65.000.

Morimoto, Yoshihiko: *See—*

Abe, Kunihiro; and Morimoto, Yoshihiko, 4,535,289, Cl. 324-208.000.

Morimoto, Yoshinobu: *See—*

Komurasaki, Satoshi; Ueda, Atsushi; Morimoto, Yoshinobu; and Kadota, Youichi, 4,508,079, Cl. 123-425.000.

Morimoto, Yoshiro; and Kishi, Norimasa, to Nissan Motor Company, Limited. Apparatus for controlling a direct drive clutch for a vehicle automatic transmission. 4,507,985, 4-2-85, Cl. 74-866.000.

Morimoto, Yoshiro: *See—*

Hirano, Hiroyuki; Yamamuro, Sigeaki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,494,942, Cl. 474-28.000.

Murasugi, Takashi; Morimoto, Yoshiro; Suga, Masaaki; and Niikura, Yasuhiro, 4,560,043, Cl. 192-3.310.

Suga, Masaaki; Morimoto, Yoshiro; Hamada, Hideo; Futagi, Masaaki; and Suzuki, Tadashi, 4,539,869, Cl. 74-866.000.

Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Futagi, Masaaki, 4,499,979, Cl. 192-3.310.

Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,503,956, Cl. 192-3.310.

Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,509,124, Cl. 364-424.100.

Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,539,643, Cl. 364-431.090.

Takeuchi, Yasuhisa; Morimoto, Yoshiro; and Suzuki, Tadashi, 4,515,040, Cl. 74-866.000.

Tanaka, Yoshikazu; Yamamuro, Sigeaki; Hirano, Hiroyuki; and Morimoto, Yoshiro, 4,512,751, Cl. 474-28.000.

Tanaka, Yoshikazu; Hirano, Hiroyuki; Abo, Keiju; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,526,557, Cl. 474-18.000.

Tanaka, Yoshikazu; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,536,171, Cl. 474-28.000.

Tanaka, Yoshikazu; Yamamuro, Sigeaki; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; and Morimoto, Yoshiro, 4,557,706, Cl. 474-28.000.

Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,510,822, Cl. 74-733.000.

Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,519,790, Cl. 474-18.000.

Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,543,077, Cl. 474-12.000.

Morimura, Seiichiro: *See—*

Kimura, Kiyoshi; Morita, Iwao; and Morimura, Seiichiro, 4,535,073, Cl. 514-89.000.

Morin, Andre, to SOVAM. Boarding installation, especially for vehicles transporting passengers between an air terminal and an aircraft. 4,490,869, 1-1-85, Cl. 14-71.500.

Morin, Claude P., to Immolding Establishment. Method for manufacturing an element having a curved surface from a rigid panel of a material of the "honeycomb" type and the product obtained. 4,548,665, 10-22-85, Cl. 156-197.000.

Morin, Daniel; and Prechner, Roland, to Societe Nationale Elf Aquitaine (Production). Process and device for filling chromatography columns. 4,549,584, 10-29-85, Cl. 141-73.000.

Morin, Gerard, to Societe Anonyme D.B.A. Stop key for the valve plunger of a power brake servomotor. 4,491,058, 1-1-85, Cl. 91-376.00R.

Morin, Gerard, to Societe Anonyme D.B.A. Method and apparatus for the manufacture of a ball joint and ball joint obtained thus. 4,504,166, 3-12-85, Cl. 403-147.000.

Morin, Gerard, to Societe Anonyme D.B.A. Method and apparatus for the manufacture of a ball joint. 4,559,692, 12-24-85, Cl. 29-441.00R.

Morin, J. Donald, to Hospital For Sick Children, The. Corneal template set. 4,517,747, 5-21-85, Cl. 33-178.00B.

Morin, Jean-Xavier; and Chrysostome, Gerard, to Creusot-Loire. Process and installation for recycling solid unburnt materials in a fluidized bed. 4,552,078, 11-12-85, Cl. 110-347.000.

Morin, Marius J.; and Munro, Jack C., to Associated Medical Systems, Inc. Dental flossing tool. 4,556,074, 12-3-85, Cl. 132-92.00R.

Morin, Pierre: *See—*

Galais, Michel; Sardain, Christian; Fouin, Jean; Arnaudeau, Marcel; and Morin, Pierre, 4,553,909, Cl. 417-369.000.

Morin, Rene, to Renault Vehicules Industriels. Built-in hydraulic automatic device for advancing the injection on a diesel engine. 4,491,116, 1-1-85, Cl. 123-502.000.

Morin, Rene, to Renault Vehicules Industriels. Built-in hydraulic automatic device for advancing the injection of a diesel engine. 4,509,490, 4-9-85, Cl. 123-502.000.

Morin, Rolland L. Paint filter. 4,539,116, 9-3-85, Cl. 210-445.000.

Morinaga, Hiroshi; Miyake, Satoru; and Sato, Terumi, to Nissan Chemical Industries Ltd. Electrically conductive composition. 4,559,166, 12-17-85, Cl. 252-512.000.

Morinaga, Kaoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Disc rotating apparatus. 4,499,573, 2-12-85, Cl. 369-270.000.

Morinaga, Kaoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Disc player apparatus with an improved disc clamper. 4,509,157, 4-2-85, Cl. 369-75.200.

Morinaga, Kaoru; Kawakami, Hiroshi; and Kotoda, Yoshihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape drive spindle. 4,562,497, 12-31-85, Cl. 360-96.300.

Morinaga, Kaoru: *See—*

Tomita, Seiji; Morinaga, Kaoru; and Kotoda, Yoshihiro, 4,542,430, Cl. 360-106.000.

Morinaga, Masaru: *See—*

Yamaguchi, Toyohiko; Kashima, Koichi; Ozutsumi, Minoru; and Morinaga, Masaru, 4,504,651, Cl. 528-360.000.

Morinaga Milk Industry Co., Ltd.: *See—*

Yuguchi, Hiroya; Hayashi, Yoshinobu; and Miyazaki, Yusuke, 4,501,763, Cl. 426-573.000.

Morinaga, Shigeki; Miyashita, Kunio; and Sugiura, Yasuyuki, to Hitachi, Ltd. Apparatus for driving a polyphase brushless motor with a suppressed torque ripple. 4,511,827, 4-16-85, Cl. 318-254.000.

Morinaka, Hideo: *See—*

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yunji; and Nakanishi, Akira, 4,551,169, Cl. 71-94.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.

Tsuzuki, Kenji; and Morinaka, Hideo, 4,560,762, Cl. 546-297.000.

Morinaka, Ryoichi: *See—*

Nishizawa, Tsutomu; Tukahara, Ryoichi; Morinaka, Ryoichi; and Hidaka, Tuneo, 4,536,320, Cl. 252-299.100.

Morine, Richard L.; and Hokes, James J. Dispensing apparatus with reciprocating blade. 4,529,107, 7-16-85, Cl. 222-314.000.

Moring, Rodger L.; and Rieke, Brent E., to Caterpillar Tractor Co. Axle housing mounting bracket. 4,545,452, 10-8-85, Cl. 180-88.000.

Moringa Milk Industry, Co., Ltd.: *See*—

Nishizawa, Yoshito, deceased; and Kanaoka, Matao, 4,552,975, Cl. 560-163.000.

Morino, Daizo: *See*—

Ueda, Ikuo; Morino, Daizo; and Takimoto, Koichi, 4,540,701, Cl. 514-357.000.

Morino, Masuaki; Fujikawa, Yoshiyuki; Haneda, Isamu; and Myoi, Tetsuo, to Sharp Kabushiki Kaisha. Tape recorder drive system in a programmable electronic calculator. 4,531,194, 7-23-85, Cl. 364-705.000.

Morino, Seiji; and Kawai, Hisasi, to Nippon Soken, Inc. Electromagnetic linear driving device. 4,518,882, 5-21-85, Cl. 310-15.000.

Morino, Seiji; and Kawai, Hisasi, to Nippon Soken, Inc. Electromagnetic driving device. 4,540,905, 9-10-85, Cl. 310-12.000.

Morino, Seiji: *See*—

Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, 4,535,735, Cl. 123-310.000.

Morino, Toshiharu: *See*—

Itou, Takaaki; Katou, Takashi; and Morino, Toshiharu, 4,495,112, Cl. 261-41.00D.

Nakamura, Norihiko; Itoh, Takaaki; and Morino, Toshiharu, 4,491,550, Cl. 261-44.00C.

Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; Ota, Yozo; and Morino, Toshiharu, 4,493,804, Cl. 261-44.00C.

Tamura, Yoshio; Ito, Takaaki; and Morino, Toshiharu, 4,508,664, Cl. 261-44.00C.

Morinushi, Ken: *See*—

Kawaguchi, Susumu; and Morinushi, Ken, 4,537,567, Cl. 418-63.000.

Morio, Klaus: *See*—

Dantlgraber, Jorg; and Morio, Klaus, 4,538,965, Cl. 417-273.000.

Morio, Minoru; Nakano, Kenji; and Moriwaki, Hisayoshi, to Sony Corporation. Method and apparatus for recording and reproducing an information signal comprising a video signal and audio signal. 4,542,419, 9-17-85, Cl. 360-19.100.

Morioka, Eddie T., to Minnesota Mining and Manufacturing Company. Non-oscillating spool for belt driven cartridge. 4,523,727, 6-18-85, Cl. 242-192.000.

Morioka, Hiroaki; and Sakakibara, Naoji, to Aisin Seiki Kabushiki Kaisha. Pressure regulator valve. 4,545,563, 10-8-85, Cl. 251-298.000.

Morioka, Hiroaki: *See*—

Sakakibara, Naoji; Amano, Hiroyuki; Morioka, Hiroaki; and Kawata, Shoji, 4,559,864, Cl. 91-454.000.

Morioka, Katsuharu: *See*—

Tanaka, Masayuki; Morioka, Katsuharu; and Kishimoto, Akihiko, 4,543,390, Cl. 525-63.000.

Morioka, Kazumasa; and Yoshimi, Toru, to Sekisui Kaseihin Kogyo Kabushiki Kaisha. Method and apparatus for manufacturing cups having a lip. 4,534,927, 8-13-85, Cl. 264-321.000.

Morioka, Yoshihiro; and Sugimoto, Hiroyuki, to Sony Corporation. Focus circuit for multi-tube image pick-up apparatus. 4,546,291, 10-8-85, Cl. 315-382.000.

Morioka, Yoshihiro: *See*—

Nakamura, Takashi; and Morioka, Yoshihiro, 4,503,366, Cl. 315-370.000.

Morisawa, Kunio, to Toyota Jidosha Kabushiki Kaisha. Transverse type automatic transmission with through lay shaft. 4,537,092, 8-27-85, Cl. 74-695.000.

Morisawa, Kunio, to Toyota Jidosha Kogyo Kabushiki Kaisha. Hydraulic control system for automatic transmission. 4,537,095, 8-27-85, Cl. 74-868.000.

Morisawa, Tahei, to Asahi Kogaku Kogyo Kabushiki Kaisha. Mechanism for charging the mirror and shutter in a video still camera. 4,547,052, 10-15-85, Cl. 354-152.000.

Morisawa, Tahei: *See*—

Aoki, Harumi; Morisawa, Tahei; Suzuki, Koji; and Ogawa, Kimiaki, 4,553,170, Cl. 358-225.000.

Aoki, Harumi; Enomoto, Shigeo; Morisawa, Tahei; and Urano, Fumio, 4,558,368, Cl. 358-228.000.

Kitazawa, Toshiyuki; Morisawa, Tahei; and Takahashi, Norimichi, 4,560,264, Cl. 354-219.000.

Morise, Hiroshi: *See*—

Uemura, Yahiro; Arimura, Hirofumi; Morise, Hiroshi; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,526,782, Cl. 424-85.000.

Morishima, Masayuki: *See*—

Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,536,631, Cl. 219-10.770.

Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,556,770, Cl. 219-10.49R.

Morishima, Naoki: *See*—

Hosokawa, Yasuhiko; and Morishima, Naoki, 4,527,109, Cl. 318-715.000.

Morishima, Norihisa: *See*—

Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,500,342, Cl. 71-93.000.

Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,545,944, Cl. 260-545.00R.

Morishita, Akira; Tanaka, Toshinori; Matsumoto, Kouichi; and Gotou, Takeo, to Mitsubishi Denki Kabushiki Kaisha. Starting device. 4,495,905, 1-29-85, Cl. 123-179.00F.

Morishita, Akira, to Mitsubishi Denki Kabushiki Kaisha. Multi-use starting device. 4,510,406, 4-9-85, Cl. 310-99.000.

Morishita, Akira, to Mitsubishi Denki Kabushiki Kaisha. Direct current motor. 4,536,669, 8-20-85, Cl. 310-241.000.

Morishita, Akira; and Okamoto, Kyoichi, to Mitsubishi Denki Kabushiki Kaisha. Stator for a magnet motor. 4,554,474, 11-19-85, Cl. 310-154.000.

Morishita, Akira: *See*—

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,497,291, Cl. 123-179.0BG.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; and Tanaka, Toshinori, 4,500,794, Cl. 290-38.00C.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,553,441, Cl. 74-7.00R.

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Nishimura, Youji; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,558,992, Cl. 417-250.000.

Tanaka, Toshinori; and Morishita, Akira, 4,507,978, Cl. 74-7.00E.

Morishita, Etsuo, to Mitsubishi Denki Kabushiki Kaisha. Scroll-type hydraulic machine with two axially spaced scroll mechanisms. 4,515,539, 5-7-85, Cl. 418-55.000.

Morishita, Etsuo; Sugihara, Masahiro; Inaba, Tsutomu; and Nakamura, Toshiyuki, to Mitsubishi Denki Kabushiki Kaisha. Scroll-type hydraulic machine. 4,553,913, 11-19-85, Cl. 418-55.000.

Morishita, Etsuo: *See*—

Sugihara, Masahiro; Morishita, Etsuo; Hirai, Tetsuo; and Sekiya, Shin, 4,533,292, Cl. 415-2.00R.

Morishita, Hajime; Akagi, Motoo; Nonogaki, Saburo; Hayashi, Nobuaki; and Uchino, Shoichi, to Hitachi, Ltd. Photosensitive composition and pattern forming process using same. 4,510,226, 4-9-85, Cl. 430-144.000.

Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, to Hitachi, Ltd. Process for forming powder pattern on light exposed layer having photosensitive diazonium salts. 4,520,094, 5-28-85, Cl. 430-144.000.

Morishita, Hirosada: *See*—

Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, 4,495,083, Cl. 252-299.100.

Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.

Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, 4,526,835, Cl. 428-413.000.

Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, 4,546,168, Cl. 528-107.000.

Morishita, Hitoshi: *See*—

Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.

Morishita, Katsuji: *See*—

Shiroyama, Shoichi; Yamashita, Kazuo; and Morishita, Katsuji, 4,506,868, Cl. 267-3.000.

Morishita, Masakazu: *See*—

Nishizawa, Jun-ichi; Ohmi, Tadahiro; and Morishita, Masakazu, 4,534,033, Cl. 372-50.000.

Morishita, Mitsuharu; and Kouge, Shinichi, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for controlling a charging generator. 4,513,239, 4-23-85, Cl. 322-99.000.

Morishita, Mitsuharu; Yokota, Mitsuyoshi; and Matsumoto, Akio, to Mitsubishi Denki Kabushiki Kaisha. Vehicular direct-current three-wire electric system. 4,539,515, 9-3-85, Cl. 320-17.000.

Morishita, Mitsuharu; and Kouge, Shinichi, to Mitsubishi Denki Kabushiki Kaisha. Device for controlling a vehicle charging system. 4,542,462, 9-17-85, Cl. 364-424.000.

Morishita, Mitsuharu; and Kouge, Shinichi, to Mitsubishi Denki Kabushiki Kaisha. Charge control microcomputer device for vehicle. 4,543,521, 9-24-85, Cl. 320-64.000.

Morishita, Mitsuharu; and Kouge, Shinichi, to Mitsubishi Denki Kabushiki Kaisha. Charging generator controlling device. 4,549,128, 10-22-85, Cl. 322-99.000.

Morishita, Mitsuharu; and Kouge, Shinichi, to Mitsubishi Denki Kabushiki Kaisha. Charging generator controlling device. 4,561,036, 12-24-85, Cl. 361-20.000.

Morishita, Muneki; Nishimura, Hiroyuki; and Matsusaka, Hiroji, to Omron Tateisi Electronics Co. Bank note processing device. 4,549,661, 10-29-85, Cl. 209-534.000.

Morishita, Sadao; and Matsushita, Toshihiko, to Mitsubishi Paper Mills, Ltd. Heat-sensitive recording sheet. 4,520,376, 5-28-85, Cl. 346-204.000.

Morishita, Sadao: *See*—

Hiraishi, Shigetoshi; Morishita, Sadao; and Matsushita, Toshihiko, 4,501,809, Cl. 430-138.000.

Matsushita, Toshihiko; and Morishita, Sadao, 4,520,378, Cl. 346-209.000.

Matsushita, Toshihiko; Morishita, Sadao; and Makishima, Hideo, 4,525,428, Cl. 428-488.100.

Morishita, Tatsuo; Funakoshi, Fumio; Nakamura, Kenichi; and Takamori, Kazuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Cordless remote control apparatus. 4,517,564, 5-14-85, Cl. 340-825.690.

Morishita, Toshio; Yasui, Yoshiharu; Suzuki, Yoshihisa; Seiki, Kazuo; and Nakamura, Haruyoshi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Drafting means for textile machine such as spinning machine. 4,557,022, 12-10-85, Cl. 19-267.000.

Morishita, Yasuji: *See*—

Fujiwara, Kaisaku; Yokooji, Shigenori; and Morishita, Yasuji, 4,502,047, Cl. 340-693.000.

Morita, Akira: *See—*
- Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,536,264, Cl. 204-129.430.
- Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,533,444, Cl. 204-129.430.
- Sasaki, Hirokazu; Morita, Akira; and Yamamoto, Takemasa, 4,561,944, Cl. 204-33.000.

Morita, Akitaka; and Nittaya, Hiroshi, to Sharp Kabushiki Kaisha. Electronic target hunting game apparatus. 4,540,180, 9-10-85, Cl. 273-313.000.

Morita, Akitaka: *See—*
- Nishimura, Toshio; and Morita, Akitaka, 4,523,858, Cl. 368-272.000.

Morita, Eiichi, to Monsanto Company. Rubber compositions containing a vulcanization system alterative. 4,496,683, 1-29-85, Cl. 524-571.000.

Morita Fire Pump Mfg. Co., Ltd.: *See—*
- Terayama, Fusaji; Kohzai, Tetsuo; and Murai, Naoyuki, 4,523,685, Cl. 212-247.000.

Morita, Hideaki: *See—*
- Kasuya, Takahira; Morita, Hideaki; Takagiwa, Hiroyuki; and Yamakawa, Goichi, 4,514,487, Cl. 430-137.000.

Morita, Hideo: *See—*
- Aoki, Shigeo; Tamamura, Junichi; Ukai, Yasuhiro; and Morita, Hideo, 4,497,543, Cl. 350-337.000.
- Hattori, Yasuo; Morita, Hideo; and Inoki, Yoshihiro, 4,547,560, Cl. 526-340.000.
- Kishimoto, Yasushi; and Morita, Hideo, 4,501,857, Cl. 525-338.000.
- Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, 4,530,966, Cl. 525-89.000.
- Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, 4,530,967, Cl. 525-89.000.

Morita, Hirobumi: *See—*
- Matsubara, Soichi; Morita, Hirobumi; and Watanabe, Shinpei, 4,535,927, Cl. 228-6.100.

Morita, Hirofumi; and Hosokawa, Teruo, to Nippon Telegraph & Telephone Public Corporation. Deflective focusing system for charged particle beam. 4,525,629, 6-25-85, Cl. 250-396.0ML.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,512,404, 4-23-85, Cl. 166-274.000.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,532,053, 7-30-85, Cl. 252-8.55D.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,534,411, 8-13-85, Cl. 166-274.000.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,537,253, 8-27-85, Cl. 166-274.000.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,549,607, 10-29-85, Cl. 166-274.000.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,555,351, 11-26-85, Cl. 252-8.55D.

Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, to Lion Corporation. Micellar slug for oil recovery. 4,556,108, 12-3-85, Cl. 166-274.000.

Morita, Iwao: *See—*
- Kimura, Kiyoshi; Morita, Iwao; and Morimura, Seiichiro, 4,535,073, Cl. 514-89.000.

Morita, Kazuhiko: *See—*
- Kato, Mikihiko; Komine, Shigeo; Kawamata, Toshio; Morita, Kazuhiko; and Sato, Tsunehiko, 4,518,626, Cl. 427-48.000.

Morita, Keiichi: *See—*
- Onuki, Jin; Soeno, Ko; Morita, Keiichi; and Onodera, Hisakithi, 4,500,904, Cl. 357-67.000.

Morita, Ken: *See—*
- Ohyama, Hiroshi; Morita, Ken; Wada, Takuo; and Miyahara, Masahiko, 4,512,989, Cl. 514-383.000.

Morita, Kiyomi: *See—*
- Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, 4,524,739, Cl. 123-339.000.
- Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, 4,528,964, Cl. 123-492.000.

Morita, Koichi: *See—*
- Akiyama, Teruo; and Morita, Koichi, 4,495,767, Cl. 60-436.000.
- Matsuda, Kazuo; and Morita, Koichi, 4,548,036, Cl. 60-464.000.

Morita, Masahiko; Mano, Junichi; Nishida, Minoru; Tanaka, Tomoo; Aoyagi, Nobuo; and Takizawa, Syoichi, to Kawasaki Steel Corporation. Method for producing hot-rolled steel sheets having a low yield ratio and a high tensile strength due to dual phase structure. 4,502,897, 3-5-85, Cl. 148-12.00F.

Morita, Masao; Tanaka, Akinobu; Imamura, Saburo; Tamamura, Toshiaki; and Kogure, Osamu, to Nippon Telegraph & Telephone Public Corporation. Pattern forming material and method for forming pattern therewith. 4,507,384, 3-26-85, Cl. 430-311.000.

Morita, Masao: *See—*
- Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, 4,537,530, Cl. 405-160.000.

Morita, Masayuki: *See—*
- Kimura, Mitsutoshi; and Morita, Masayuki, 4,550,272, Cl. 315-86.000.

Morita, Mikio: *See—*
- Horie, Hiromichi; Morita, Mikio; and Arima, Itsuo, 4,543,208, Cl. 252-62.540.

Morita, Natsuo. Reversible caster device having brake mechanism. 4,494,272, 1-22-85, Cl. 16-35.00R.

Morita, Saichiro, to Yokogawa Hokushin Electric Corporation. Pressure gauge. 4,507,972, 4-2-85, Cl. 73-708.000.

Morita, Seiichiro; Yuasa, Akihiko; and Arai, Takao, to Toshiba Kikai Kabushiki Kaisha. Boring machines. 4,509,236, 4-9-85, Cl. 29-26.00A.

Morita, Shigeki; Masai, Tadahisa; Nakashita, Shigeto; Uemura, Toshio; Kouda, Fumio; and Nawata, Tsuyoshi, to Babcock-Hitachi Kabushiki Kaisha. Apparatus for coal combustion. 4,545,307, 10-8-85, Cl. 110-264.000.

Morita, Shigeru: *See—*
- Tatemoto, Masayoshi; Furukawa, Yasuyoshi; Tomoda, Masayasu; Oka, Masahiko; and Morita, Shigeru, 4,530,972, Cl. 525-276.000.

Morita, Shigetoshi: *See—*
- Furuichi, Shinji; Morita, Shigetoshi; Taka, Shunichi; and Suwabe, Hirohisa, 4,506,308, Cl. 360-121.000.

Morita, Shuji: *See—*
- Kusui, Akio; Morita, Shuji; Kudoh, Toshio; Tanaka, Yasuo; and Itoh, Hirotaka, 4,508,414, Cl. 339-143.00R.

Morita, Takao: *See—*
- Nakazawa, Yuzo; Ono, Kazuo; Tanaka, Masaki; Morita, Takao; and Kurosaki, Takefumi, 4,542,356, Cl. 333-195.000.

Morita, Takashi: *See—*
- Amada, Eiichi; Kuwahara, Hiroshi; Shirasu, Hirotoshi; Suzuki, Taihei; and Morita, Takashi, 4,543,652, Cl. 370-66.000.

Morita, Takayuki; Tsunekawa, Takahiko; and Amano, Hisao, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method and apparatus for yarn piecing in a ringless spinning machine. 4,494,371, 1-22-85, Cl. 57-263.000.

Morita, Takayuki: *See—*
- Kodama, Ikuo; Muramatsu, Shigeru; Terasaki, Kazunori; and Morita, Takayuki, 4,498,283, Cl. 57-261.000.
- Muramatsu, Shigeru; Asai, Isao; and Morita, Takayuki, 4,534,517, Cl. 242-35.50A.
- Suzuki, Osamu; Morita, Takayuki; Muramatsu, Shigeru; and Asai, Isao, 4,541,577, Cl. 242-35.50A.

Morita, Tatsuo; and Sawamoto, Kunifumi, to Nissan Motor Company, Limited. Air/fuel ratio control system for internal combustion engine and method therefor. 4,543,934, 10-1-85, Cl. 123-435.000.

Morita, Tatsuo: *See—*
- Hata, Yoshitaka; and Morita, Tatsuo, 4,561,401, Cl. 123-486.000.
- Yamaguchi, Hiroshi; Sawamoto, Kunifumi; Sanbuichi, Hiroshi; Morita, Tatsuo; and Takizawa, Satoshi, 4,556,029, Cl. 123-41.150.

Morita, Teturo: *See—*
- Koyama, Takahiro; Matsumura, Haruo; and Morita, Teturo, 4,508,893, Cl. 536-85.000.

Morita, Toshiaki: *See—*
- Murakami, Yoichi; Shoji, Akio; Takezawa, Shoichiro; Ishikawa, Noboru; and Morita, Toshiaki, 4,499,239, Cl. 525-111.000.

Morita, Toyoo; and Horikawa, Yoichi, to Yoshida Kogyo K.K. Method of and apparatus for automatically finishing slide fasteners. 4,520,544, 6-4-85, Cl. 29-408.000.

Morita, Toyoo, to Yoshida Kogyo K.K. Method of and apparatus for automatically attaching top stops to a gapped slide fastener chain with slides mounted thereon. 4,561,161, 12-31-85, Cl. 29-408.000.

Morita, Yasuhiro; and Tsukamoto, Yoshikazu, to Toyota Jidosha Kabushiki Kaisha; and Tokai Rubber Industries, Ltd. Bushing structure in a vehicle suspension system. 4,513,990, 4-30-85, Cl. 280-725.000.

Morita, Yasuhiro: *See—*
- Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, 4,491,429, Cl. 384-221.000.

Morita, Yasukazu; and Watanabe, Naomitsu, to Hitachi, Ltd. Process for forming phosphor screen. 4,513,024, 4-23-85, Cl. 427-65.000.

Morita, Yasuyuki, to Mazda Motor Corporation. Engine valve mechanism having valve disabling device. 4,556,025, 12-3-85, Cl. 123-198.00F.

Morita, Yasuyuki: *See—*
- Oda, Hiroyuki; Morita, Yasuyuki; and Nagao, Akihito, 4,519,350, Cl. 123-308.000.

Morita, Yoshinori; and Ohmura, Yutaka, to Nissan Motor Company, Limited. Sealing assembly for automotive front-pillar and side-door arrangement. 4,497,516, 2-5-85, Cl. 296-206.000.

Morita, Youske: *See—*
- Fujimura, Syunichi; Oda, Eisuke; Hagiwara, Miyuki; and Morita, Youske, 4,554,173, Cl. 427-120.000.

Morita, Yuji: *See—*
- Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, 4,539,669, Cl. 369-75.200.

Morita, Yukichi; Ono, Koji; Ogata, Eiji; and Manabe, Osamu, to Konishi Chemical Industry Co., Ltd. Process for preparing halo-substituted diarylsulfones. 4,558,161, 12-10-85, Cl. 568-34.000.

Moritani, Hiroaki: *See—*
- Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.

Morito, Motoyoshi: *See—*
- Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, 4,516,221, Cl. 364-900.000.

Morito, Yusuke: *See—*
- Kanda, Masahiro; Hatakeyama, Tetsuya; and Morito, Yusuke, 4,508,640, Cl. 252-503.000.

- Moritoki, Masato; Fujikawa, Takao; Kitagawa, Kazuo; and Miyanaga, Junichi, to Kabushiki Kaisha Kobe Seiko Sho. Heater for hot isostatic pressing apparatus. 4,503,319, 3-5-85, Cl. 219-390.000.
- Moritoki, Masato: *See—*
  - Fukutsuka, Toshiro; Moritoki, Masato; Fujikawa, Takao; and Gennai, Norio, 4,505,762, Cl. 148-11.50R.
- Moritomi, Hiroshi: *See—*
  - Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, 4,534,848, Cl. 208-10.000.
- Moriuchi, Fumio: *See—*
  - Oseto, Osamu; and Moriuchi, Fumio, 4,508,806, Cl. 430-109.000.
- Moriuchi, Hisahiro: *See—*
  - Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, 4,514,646, Cl. 307-200.00B.
- Moriuchi, Shigenori: *See—*
  - Urata, Yukihide; Moriuchi, Shigenori; Nakamura, Taku; and Ogawa, Masashi, 4,533,623, Cl. 430-309.000.
- Moriuchi, Takahiko: *See—*
  - Shibagaki, Kazuyoshi; Mori, Yoshihisa; and Moriuchi, Takahiko, 4,532,186, Cl. 428-457.000.
- Moriuchi, Yasuhiro: *See—*
  - Saegusa, Takeo; Kobayashi, Shiro; and Moriuchi, Yasuhiro, 4,540,747, Cl. 525-410.000.
- Moriuchi, Yoshihisa: *See—*
  - Akiyama, Junichiro; Tanaka, Mitsuhiro; and Moriuchi, Yoshihisa, 4,504,215, Cl. 431-168.000.
- Morival, Anne: *See—*
  - Morival, Fernand; and Morival, Anne, 4,512,533, Cl. 242-129.000.
- Morival, Fernand; and Morival, Anne. Process and apparatus for unwinding coils of wire. 4,512,533, 4-23-85, Cl. 242-129.000.
- Moriwaki, Hisayoshi: *See—*
  - Morio, Minoru; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,542,419, Cl. 360-19.100.
  - Nakano, Kenji; Takahashi, Takao; Moriwaki, Hisayoshi; and Shimada, Keiichiro, 4,533,963, Cl. 360-19.100.
  - Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,549,229, Cl. 360-8.000.
  - Odaka, Kentaro; Sako, Yoichiro; Kojima, Yuichi; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,562,578, Cl. 371-40.000.
  - Yoneyama, Shigeyuki; Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,542,418, Cl. 360-19.100.
- Moriwaki, Masayoshi: *See—*
  - Oishi, Kengo; and Moriwaki, Masayoshi, 4,544,975, Cl. 360-130.330.
- Moriya, Hisanori: *See—*
  - Momono, Masakichi; Moriya, Hisanori; Souma, Masahiro; and Hamashima, Eiji, 4,520,962, Cl. 239-585.000.
  - Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Moriya, Koichi: *See—*
  - Shiokawa, Kozo; Moriya, Koichi; Goto, Toshio; Kamochi, Atsumi; and Kohama, Shigeo, 4,559,079, Cl. 71-92.000.
- Moriya, Kouichi; and Iwata, Kouki, to Diesel Kiki Co., Ltd. Fuel supply control system. 4,538,579, 9-3-85, Cl. 123-492.000.
- Moriya, Kouichi; Iwata, Kouki; and Takefuta, Hideyasu, to Diesel Kiki Co., Ltd. Fuel supply control system. 4,546,736, 10-15-85, Cl. 123-179.00G.
- Moriya, Masaichi; and Seko, Osamu, to Nissan Motor Company, Limited; and Ohi Seisakusho Co., Ltd. Inside-handle arrangement for an automotive vehicle door assembly. 4,497,514, 2-5-85, Cl. 292-336.300.
- Moriya, Masaichi; Takaishi, Tatsuyuki; Mochida, Haruo; and Takeda, Yoshimitsu, to Ohi Seisakusho Co., Ltd.; and Nissan Motor Company, Limited. Automatic door opening and closing device. 4,530,185, 7-23-85, Cl. 49-280.000.
- Moriya, Michio, to Sumitomo Electric Industries, Ltd. Brake pressure control valve with a disabler for split braking system. 4,492,411, 1-8-85, Cl. 303-6.00C.
- Moriya, Michio, to Sumitomo Electric Industries, Ltd. Vehicle deceleration sensing type two-system liquid pressure control valve. 4,553,787, 11-19-85, Cl. 303-6.00C.
- Moriya, Michio: *See—*
  - Kita, Yasuo; Moriya, Michio; and Yoshida, Kenichi, 4,512,615, Cl. 303-97.000.
- Moriya, Mitsuro; and Ichinose, Makoto, to Matsushita Electric Industrial Co., Ltd. Time base correction apparatus. 4,544,957, 10-1-85, Cl. 358-338.000.
- Moriya, Mitsuro; Kanamaru, Toshiji; and Nakata, Yoshinobu, to Matsushita Electric Industrial Co., Ltd. Tracking system for controlling the radial positioning of a transducer on a disc medium. 4,562,562, 12-31-85, Cl. 369-32.000.
- Moriya, Mitsuro: *See—*
  - Deguchi, Masahiro; Moriya, Mitsuro; Wakami, Noboru; Goto, Yasuhiro; and Shiragami, Kazuharu, 4,539,664, Cl. 369-44.000.
- Moriya, Shigeru, to TDK Corporation. Charging device for an electrostatic copying machine. 4,516,848, 5-14-85, Cl. 355-3.0CH.
- Moriya, Takashi: *See—*
  - Kurihara, Toshio; Kunita, Masao; Yasunaga, Makoto; Masuda, Katuya; Moriya, Takashi; and Oosawa, Seiichi, 4,509,421, Cl. 101-93.040.
- Moriya, Takeo; Yamagata, Toshio; and Sugiyama, Yasunori, to Kimoto & Co., Ltd. Photosensitive recording material developable with aqueous neutral salt solution. 4,559,293, 12-17-85, Cl. 430-271.000.
- Moriya, Tatsuo, to Kabushiki Kaisha Suwa Seikosha. Analog display electronic timepiece with multi-speed hand movement. 4,526,475, 7-2-85, Cl. 368-157.000.
- Moriya, Tatsuo, to Kabushiki Kaisha Suwa Seikosha. Multi-function analog display stopwatch. 4,537,514, 8-27-85, Cl. 368-107.000.
- Moriya, Yoshiaki: *See—*
  - Kobayashi, Atsushi; Moriya, Yoshiaki; and Mitani, Ryo, 4,529,890, Cl. 307-270.000.
  - Mitani, Ryo; Moriya, Yoshiaki; and Kobayashi, Atsushi, 4,538,145, Cl. 340-805.000.
- Moriya, Yukio; Yoda, Tadashi; and Fukumoto, Hisashi, to Kabushiki Kaisha Komatsu Seisakusho. Hydraulic circuit system for use in swivel type excavators. 4,531,366, 7-30-85, Cl. 60-421.000.
- Moriyama, Hideo: *See—*
  - Kakino, Shigeru; Hattori, Katsuhide; Fukatsu, Yoshiaki; Moriyama, Hideo; and Sakakibara, Hidekazu, 4,511,412, Cl. 149-109.600.
- Moriyama, Kazuhiro: *See—*
  - Sano, Tetsuo; Orita, Susumu; Yamazaki, Masaya; and Moriyama, Kazuhiro, 4,519,214, Cl. 62-156.000.
- Moriyama, Kumiko: *See—*
  - Ando, Eiji; Goto, Yoshiki; Moriyama, Kumiko; Takeshita, Isao; and Hirao, Kunio, 4,557,850, Cl. 252-68.000.
- Moriyama, Masakazu; and Saito, Takao, to Toyota Jidosha Kogyo Kabushiki Kaisha. Apparatus for controlling air conditioner by voice. 4,493,100, 1-8-85, Cl. 381-43.000.
- Moriyama, Masakazu; and Saito, Takao, to Toyota Jidosha Kogyo Kabushiki Kaisha. Running guide system. 4,496,996, 1-29-85, Cl. 360-12.000.
- Moriyama, Masakazu; Shinohara, Toshio; Hirano, Kazuo; and Makino, Fumio, to Toyota Motor Corporation; and Sumitomo Electric Industries, Ltd. Transmission control system. 4,516,121, 5-7-85, Cl. 340-825.050.
- Moriyama, Masakazu; and Saito, Takao, to Toyota Jidosha Kogyo Kabushiki Kaisha. Apparatus for controlling air conditioner by voice. 4,516,207, 5-7-85, Cl. 364-424.000.
- Moriyama, Masakazu; and Saito, Takao, to Toyota Jidosha Kogyo Kabushiki Kaisha. Travel locus display device. 4,528,552, 7-9-85, Cl. 340-525.000.
- Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Sumitomo Electric Industries, Ltd. Arrangement for preventing misconnection between optical connectors. 4,529,263, 7-16-85, Cl. 350-96.200.
- Moriyama, Masakazu; and Saito, Takao, to Toyota Jidosha Kabushiki Kaisha. Drive guide display system for motor vehicle. 4,550,317, 10-29-85, Cl. 340-995.000.
- Moriyama, Masakazu: *See—*
  - Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, 4,506,266, Cl. 343-715.000.
- Moriyama, Masaru, to Victor Company of Japan, Ltd. A/D converter having a self-bias circuit. 4,498,072, 2-5-85, Cl. 340-347.0AD.
- Moriyama, Masaru; and Sasamura, Kohei, to Victor Company of Japan, Ltd. Digital signal reproducing apparatus. 4,528,601, 7-9-85, Cl. 360-46.000.
- Moriyama, Masaru: *See—*
  - Sasamura, Kohhei; and Moriyama, Masaru, 4,495,528, Cl. 360-40.000.
- Moriyama, Naomune; and Ohtani, Fumiyuki, to Mazda Motor Corporation. Retractable head-light device for automobiles. 4,516,191, 5-7-85, Cl. 362-65.000.
- Moriyama, Noboru: *See—*
  - Fukumoto, Yasuhisa; and Moriyama, Noboru, 4,519,920, Cl. 210-701.000.
  - Fukumoto, Yasuhisa; and Moriyama, Noboru, 4,555,557, Cl. 526-240.000.
- Moriyama, Satoru: *See—*
  - Kaneko, Kimiyoshi; Ishikawa, Hiromichi; Moriyama, Satoru; and Uchiyama, Tsugio, 4,547,524, Cl. 514-594.000.
- Moriyama, Shigeo: *See—*
  - Suzuki, Takatoshi; Tachikawa, Hideo; and Moriyama, Shigeo, 4,522,660, Cl. 148-20.300.
- Moriyama, Takashi. Method of and apparatus for baring the end of sheathed multicore cable. 4,509,257, 4-9-85, Cl. 29-825.000.
- Moriyama, Takashi: *See—*
  - Fujii, Shuzo; Oishe, Hideo; and Moriyama, Takashi, 4,502,820, Cl. 406-56.000.
  - Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.
- Moriyama, Yasuhiro: *See—*
  - Ishizuka, Takashi; Moriyama, Yasuhiro; and Nakamura, Masao, 4,499,042, Cl. 264-205.000.
- Moriyama, Yoshiaki; and Yamagata, Kenji, to Pioneer Electronic Corporation. Method for converting binary data train. 4,554,529, 11-19-85, Cl. 340-347.0DD.
- Moriyama, Yukinori; and Ozaki, Tsukasa, to Teijin Seiki Company Limited. Grip-feed machines used with stamping and bending machines. 4,523,449, 6-18-85, Cl. 72-421.000.
- Moriyasu, Koichi: *See—*
  - Takematsu, Tetsuo; Nakaya, Mitihiko; Moriyasu, Koichi; and Komoto, Nobuo, 4,517,381, Cl. 564-207.000.

- Moriyasu, Toshinori: *See—*
  - Suzuki, Shinichi; Sasaki, Masayuki; Moriyasu, Toshinori; and Arakawa, Takao, 4,492,452, Cl. 354-430.000.
- Moriyasu, Tsuneo: *See—*
  - Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.
- Morizumi, Masaaki; Kando, Toru; and Haraguchi, Keisuke, to Asahi Kogaku Kogyo Kabushiki Kaisha. Electronic flash camera. 4,500,184, 2-19-85, Cl. 354-149.110.
- Morizumi, Masaaki: *See—*
  - Takaoka, Yukio; Morizumi, Masaaki; and Takahashi, Norimichi, 4,525,046, Cl. 354-149.110.
- Morizur, Jean Y. H.; and Yeou, Victor, to Poclain. Hydraulic loading shovels. 4,526,085, 7-2-85, Cl. 91-6.000.
- Morley, John G., to BCIRA. Binders for foundry cores and moulds. 4,495,980, 1-29-85, Cl. 164-16.000.
- Morley, Peter; and Little, Peter J., to U.S. Philips Corporation. Spectrophotometer having wavelength selecting structure. 4,519,706, 5-28-85, Cl. 356-319.000.
- Morley, Richard E., to Gould Inc. Systematic memory error detection and correction apparatus and method. 4,506,362, 3-19-85, Cl. 371-13.000.
- Morley, Robert E., Jr.: *See—*
  - Engebretson, A. Maynard; Morley, Robert E., Jr.; and Popelka, Gerald R., 4,548,082, Cl. 73-585.000.
- Morlock, Roland: *See—*
  - Mady, Raschad; Hanelt, Winand; Morlock, Roland; Geruhn, Dieter; Leyhe, Lutz; Meyer zu Bexten, Jobst H.; and Ricke, Franz, 4,497,668, Cl. 148-6.15Z.
- Morlock, Ruben D., to Haybuster Manufacturing, Inc. Drill frame construction. 4,539,921, 9-10-85, Cl. 111-52.000.
- Morman, William H. Slow wave antenna. 4,495,503, 1-22-85, Cl. 343-746.000.
- Morner, Bengt; Vollertsen, Otto; and Thomsen, Peter, to Sachs-Dolmar GmbH. Brake device for braking the saw chain of a portable motor-driven chain saw. 4,560,040, 12-24-85, Cl. 188-77.00R.
- Morningstar, LeRoy J.: *See—*
  - Huffnagle, Clifton W.; and Morningstar, LeRoy J., 4,500,157, Cl. 339-97.00R.
- Moro, Alessandro: *See—*
  - Garagnani, Enea; Moro, Alessandro; and Marzola, Roberto, 4,548,993, Cl. 525-195.000.
- Moro, Brigitte: *See—*
  - Jahnke, Horst; Moro, Brigitte; Scholz, Erich; and Siebke, Hans, 4,562,431, Cl. 340-604.000.
- Moro, Luigi; Maffione, Grazia; Neri, Guido; and Rigamonti, Alessandro, to Farmitalia Carlo Erba S.p.A. Pharmaceutical sustained-release compositions. 4,499,066, 2-12-85, Cl. 424-19.000.
- Moro, Shuji; and Tenmaya, Michio, to Ichikoh Industries Limited; and Honda Motor Co., Ltd. Automobile door mirror device having a buffer mechanism. 4,548,483, 10-22-85, Cl. 350-635.000.
- Moroder, Luis: *See—*
  - Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis, 4,503,148, Cl. 435-29.000.
  - Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis, 4,515,730, Cl. 260-465.00D.
- Moroe, Michio: *See—*
  - Sawano, Kiyohito; Kouichi, Ryujiro; Oota, Hideaki; Takano, Masashi; and Moroe, Michio, 4,515,909, Cl. 523-102.000.
- Morofuji, Akihiko: *See—*
  - Taira, Kazuo; Morofuji, Akihiko; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,500,575, Cl. 428-35.000.
  - Taira, Kazuo; Morofuji, Akihiko; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,556,151, Cl. 220-67.000.
- Morofuji, Takeshi: *See—*
  - Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, 4,516,514, Cl. 112-275.000.
  - Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, 4,556,001, Cl. 112-277.000.
- Morohashi, Yasushi: *See—*
  - Yoshida, Haruo; Tagoshi, Hirotaka; Morohashi, Yasushi; and Tanikoshi, Toshiaki, 4,518,756, Cl. 526-313.000.
- Morohoshi, Yasuo: *See—*
  - Moriguchi, Hiroyuki; Matsumoto, Masanori; Nishiwaki, Akira; Morohoshi, Yasuo; and Nomori, Hiroyuki, 4,551,303, Cl. 420-590.000.
- Moroi, Shirou: *See—*
  - Kita, Yasushi; Moroi, Shirou; Sakanoue, Akira; and Nakano, Hisaji, 4,500,678, Cl. 252-58.000.
- Moroishi, Taishi; Fujikawa, Hisao; Murayama, Junichiro; and Shoji, Yuji, to Sumitomo Metal Industries, Ltd.; and Nippon Stainless Steel Co., Ltd. High temperature oxidation resistant austenitic steel. 4,530,720, 7-23-85, Cl. 75-128.00A.
- Moroishi, Yutaka: *See—*
  - Hori, Yutaka; Sunakawa, Makoto; Takayama, Kikuo; Matsuoka, Naoki; and Moroishi, Yutaka, 4,500,683, Cl. 524-533.000.
- Moroji, Takashi: *See—*
  - Itoh, Shinji; and Moroji, Takashi, 4,552,865, Cl. 514-15.000.
- Moronaga, Yoshiharu: *See—*
  - Harada, Masasuke; and Moronaga, Yoshiharu, 4,547,979, Cl. 36-30.00R.
- Morong, William H., to General Electric Company. Light load adjust apparatus for electric meter. 4,547,730, 10-15-85, Cl. 324-137.000.
- Morong, William H., III: *See—*
  - Bokil, Delip R.; and Morong, William H., III, 4,547,961, Cl. 29-602.00R.
- Moroni, Adolfo, to Magis Farmaceutici s.r.l. Derivatives having expectorant activity, the procedure for their preparation and the pharmaceutical compositions which contain them. 4,528,393, 7-9-85, Cl. 514-539.000.
- Morooka, Koji: *See—*
  - Kihara, Kunio; Toda, Hideo; Mori, Motokuni; and Morooka, Koji, 4,557,930, Cl. 424-79.000.
- Moroto, Masayuki: *See—*
  - Asano, Hiroshige; and Moroto, Masayuki, 4,534,803, Cl. 134-30.000.
- Moroto, Seiro: *See—*
  - Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, 4,492,991, Cl. 360-70.000.
- Morotomi, Noriaki; and Sato, Takeshi, to Matsushita Electric Industrial Co., Ltd. Ghost canceling apparatus. 4,502,077, 2-26-85, Cl. 358-167.000.
- Morotti, Mauro: *See—*
  - Borzatta, Valerio; Cristofori, Manlio; Morotti, Mauro; and Mascellani, Giuseppe, 4,515,809, Cl. 514-533.000.
- Morozov, Igor A.: *See—*
  - Potapkin, Viktor F.; Morozov, Igor A.; Fedorinov, Vladimir A.; and Ravich, Alexandr S., 4,541,263, Cl. 72-243.000.
- Morozumi, Mitsuharu; Ito, Yasumichi; Hiramatsu, Takeshi; and Asai, Minoru, to Asahi Glass Company Ltd. Fluoroelastomer composition and lining material made thereof. 4,530,970, 7-23-85, Cl. 525-193.000.
- Morper, Manfred; and Fuchs, Uwe, to Linde Aktiengesellschaft. Process for the anaerobic biological purification of wastewater. 4,551,250, 11-5-85, Cl. 210-603.000.
- Morper, Manfred, to Linde Aktiengesellschaft. Sput feed for the anaerobic biological purification of wastewater. 4,559,142, 12-17-85, Cl. 210-607.000.
- Morr, Gary F.; and Duncan, William A., to United States of America, Army. Chemical pump with integral diffuser. 4,500,997, 2-19-85, Cl. 372-58.000.
- Morran, James R.: *See—*
  - Flemm, Roy E.; and Morran, James R., 4,497,994, Cl. 219-109.000.
- Morrell, David J.; DeVault, Donald G.; and Sands, William K., Jr. Pipe measuring method and apparatus. 4,494,224, 1-15-85, Cl. 367-2.000.
- Morrell, Robert F., Jr., to Senco Products, Inc. Reversible staple feeder shoe and door system for the magazine of a staple driving tool. 4,524,896, 6-25-85, Cl. 227-126.000.
- Morrell, Roger J.; and Larson, David A., to United States of America, Interior. Universal ripper miner. 4,501,448, 2-26-85, Cl. 299-67.000.
- Morrill, Charles D.: *See—*
  - Hynes, Joseph H.; and Morrill, Charles D., 4,513,823, Cl. 166-386.000.
  - Hynes, Joseph H.; Morrill, Charles D.; and Hall, George D., 4,554,976, Cl. 166-341.000.
  - Roche, Joseph R.; Morrill, Charles D.; and Hynes, Joseph H., 4,496,173, Cl. 285-24.000.
  - Roche, Joseph R.; and Morrill, Charles D., 4,502,534, Cl. 166-84.000.
- Morrill, David R.; Mason, Mark T.; and Green, Paul M., to Klimsch/Optronics, Inc. Scanner/plotter optical system. 4,516,023, 5-7-85, Cl. 250-235.000.
- Morrill, Giles W., to Morrill Motors of Virginia, Inc. Flexible conduit connection for motor. 4,492,357, 1-8-85, Cl. 248-674.000.
- Morrill Motors of Virginia, Inc.: *See—*
  - Morrill, Giles W., 4,492,357, Cl. 248-674.000.
- Morrin, James F.: *See—*
  - Polk, Todd J.; and Morrin, James F., 4,535,759, Cl. 128-24.00A.
- Morris, Anthony D.: *See—*
  - Ziegler, John A., 4,491,057, Cl. 91-503.000.
- Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, to Firmenich SA. 1(7)-P-menthen-9-al. 4,543,429, 9-24-85, Cl. 568-446.000.
- Morris, Anthony F.: *See—*
  - Escher, Sina D.; and Morris, Anthony F., 4,514,323, Cl. 252-522.00R.
- Morris, Arnold M.; and Trivedi, Jitendra K., to Westinghouse Electric Corp. Elevator system. 4,537,286, 8-27-85, Cl. 187-1.00A.
- Morris, Arthur J.: *See—*
  - Pringle, Ronald E.; and Morris, Arthur J., 4,531,581, Cl. 166-120.000.
- Morris, C. Carson; Bielsker, Barry H.; and Cole, Donald A., to Analytics, Inc. Two-tiered communication security employing asymmetric session keys. 4,503,287, 3-5-85, Cl. 178-22.080.
- Morris, Charles A., to Henkel Corporation. Honey coated nuts. 4,501,758, 2-26-85, Cl. 426-93.000.
- Morris, Charles F., Jr.: *See—*
  - Parks, Thomas W.; and Morris, Charles F., Jr., 4,562,557, Cl. 367-27.000.
- Morris, Charles R.: *See—*
  - Welander, Ulf E. S.; McDavid, William D.; and Morris, Charles R., 4,534,048, Cl. 378-39.000.
- Morris, Christopher P.: *See—*
  - Brooks, Derrick W.; and Morris, Christopher P., 4,543,736, Cl. 34-46.000.
- Morris Coupling Company: *See—*
  - Sieberkrob, James; and Campbell, Leo, 4,502,189, Cl. 24-279.000.
- Morris, Daniel C. Device for the prevention of flooding from drainage systems. 4,553,561, 11-19-85, Cl. 137-362.000.

Morris, David; and Schwarz, Albrecht, to International Telephone and Telegraph Corporation. Multiwinding inductor and associated apparatus. 4,538,219, 8-27-85, Cl. 363-26.000.

Morris, David L., to Miles Laboratories, Inc. Activated apoglucose oxidase and its use in specific binding assays. 4,493,890, 1-15-85, Cl. 435-7.000.

Morris, Dennis E., to National Semiconductor Corporation. Integrated circuit output pims used for input signals. 4,538,146, 8-27-85, Cl. 340-814.000.

Morris, Donald A. Dispenser apparatus for the contents of compressible and collapsible tubes. 4,548,337, 10-22-85, Cl. 222-96.000.

Morris, Earl L.; Hafner, V. Walter; and Hahn, Ron T., to Acorn Engineering Company. Security mirror replaceable from pipe chase. 4,492,430, 1-8-85, Cl. 350-631.000.

Morris, Earl L.; and Hafner, V. Walter, to Acorn Engineering Company. Vandal-resistant and tamper-proof plenum or vacuum chamber security air flow adjustment device. 4,505,189, 3-19-85, Cl. 98-40.190.

Morris, Earl L.; and Hafner, V. Walter, to Acorn Engineering Company. Plenum/vacuum chamber with duct connection for installation in cabinet of fixture to control air supply or return. 4,512,241, 4-23-85, Cl. 98-32.000.

Morris, Ernest E.; and Young, Donald J. Weapon having a utilization recorder. 4,541,191, 9-17-85, Cl. 42-1.00A.

Morris, Gene R.: *See*—
David, Donald M.; and Morris, Gene R., 4,526,084, Cl. 86-38.000.

Morris, George E.; Nay, Barry; and Stewart, David G., to British Petroleum Company p.l.c., The. Catalyst composition, method for its production. 4,542,117, 9-17-85, Cl. 502-66.000.

Morris, George H.; and Nicholls, Douglas C., to Morris Rod-Wheeler Co. Ltd. Packer wheel. 4,522,268, 6-11-85, Cl. 172-518.000.

Morris, George Q. Throttle configuration achieving high velocity channel at partial opening. 4,491,106, 1-1-85, Cl. 123-337.000.

Morris, George W., III: *See*—
Frait, John S.; Lowman, Clark E.; Morris, George W., III; and Tribe, Leonard T., 4,555,120, Cl. 280-6.100.

Morris, Gregory J. E.; Grosshandler, Sandor; Beaver, Richard N.; Pimlott, John R.; and Dang, Hiep D., to Dow Chemical Company, The. Unitary central cell element for depolarized, filter press electrolysis cells and process using said element. 4,560,452, 12-24-85, Cl. 204-98.000.

Morris, Harold D.: *See*—
Flanner, Philip D.; Morris, Harold D.; and Newell, Gerald R., 4,538,203, Cl. 361-159.000.

Morris, Henrietta K., to Surgikos, Inc. Bilateral fenestrated drape. 4,553,539, 11-19-85, Cl. 128-132.00D.

Morris, Horton H.; Whyte, John R., Jr.; Forbus, Ellen; Dentan, Catherine M.; and Collins, David R. Method of treating zeolite ores to remove discoloring impurities and improve its brightness and resulting finely ground zeolite. 4,510,254, 4-9-85, Cl. 501-146.000.

Morris, Horton H.: *See*—
Young, Raymond H.; Morris, Horton H.; and Brooks, Robert L., 4,492,628, Cl. 209-5.000.

Morris, James A.; Hancock, Curtis L.; and Wiley, John L., to Spectrum Manufacturing Inc. Counting stamper apparatus. 4,532,642, 7-30-85, Cl. 377-15.000.

Morris, James B. N. Hydril-type connector. 4,496,175, 1-29-85, Cl. 285-334.000.

Morris, James F., to United States of America, National Aeronautics and Space Administration. High thermal power density heat transfer apparatus providing electrical isolation at high temperature using heat pipes. 4,506,183, 3-19-85, Cl. 310-306.000.

Morris, James G.: *See*—
Merchant, Harish D.; Morris, James G.; and Scharf, Gunther, 4,526,625, Cl. 148-2.000.

Morris, James V.: *See*—
Frohlich, Sigurd; and Morris, James V., 4,496,420, Cl. 156-643.000.

Morris, Jeffrey D.; and Fuller, Robert A., to Cosden Technology, Inc. Process for producing styrenic/alkenylnitrile copolymers. 4,542,196, 9-17-85, Cl. 526-64.000.

Morris, Jeffrey D.; and Fuller, Robert A., to Cosden Technology, Inc. Apparatus for producing styrenic/alkenylnitrile copolymers. 4,548,788, 10-22-85, Cl. 422-109.000.

Morris, Jeffrey D.; and Fuller, Robert A., to Cosden Technology, Inc. Process for producing styrenic/alkenylnitrile copolymers. 4,550,149, 10-29-85, Cl. 526-68.000.

Morris, Jeffrey D.; and Fuller, Robert A., to Cosden Technology, Inc. Apparatus for producing styrenic/alkenylnitrile copolymers. 4,551,309, 11-5-85, Cl. 422-135.000.

Morris, Jeffrey D.; and Fuller, Robert A., to Cosden Technology, Inc. Process for producing styrenic/alkenylnitrile copolymers. 4,551,510, 11-5-85, Cl. 526-68.000.

Morris, Jeffrey D.; and Fuller, Robert A., to Cosden Technology, Inc. Apparatus for producing styrenic/alkenylnitrile copolymers. 4,555,384, 11-26-85, Cl. 422-109.000.

Morris, Jeffrey R.: *See*—
Kaniuk, John A.; Meinking, William E.; and Morris, Jeffrey R., 4,508,835, Cl. 501-94.000.

Morris, John C.; and Zannucci, Joseph S., to Eastman Kodak Company. Stabilized polyester compositions suitable for outdoor applications. 4,525,504, 6-25-85, Cl. 524-99.000.

Morris, John C.; and Jackson, Winston J., Jr., to Eastman Kodak Company. Shaped articles from poly(ethylene terephthalate) modified with trans-4,4'-stilbenedicarboxylic acid. 4,526,822, 7-2-85, Cl. 428-35.000.

Morris, John C.; and Jackson, Winston J., Jr., to Eastman Kodak Company. Polyesters of trans-4,4-stilbenedicarboxylic acid, terephthalic acid and 1,4-cyclohexanedimethanol. 4,551,520, 11-5-85, Cl. 528-302.000.

Morris, Joseph W.: *See*—
Funke, Maurice F.; and Morris, Joseph W., 4,494,422, Cl. 74-867.000.

Morris, Kenneth L., to Mobil Oil Corporation. Scrubbing pad. 4,510,641, 4-16-85, Cl. 15-118.000.

Morris, Leycester W. Game with throwing piece. 4,491,327, 1-1-85, Cl. 273-343.000.

Morris, Lyle E., to Xerox Corporation. Print wheel mounting means. 4,556,335, 12-3-85, Cl. 400-144.200.

Morris, Martin; and Fishler, Mark K., to Vesuvius Crucible Company. Carbon-containing refractories with superior erosion and oxidation resistance. 4,540,675, 9-10-85, Cl. 501-99.000.

Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., to GTE Products Corporation. Method of making high pressure tungsten halogen lamps. 4,509,928, 4-9-85, Cl. 445-27.000.

Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., to GTE Products Corporation. High pressure tipless tungsten halogen lamp. 4,535,268, 8-13-85, Cl. 313-569.000.

Morris, Merle E.: *See*—
Meade, Steven L.; Morris, Merle E.; and Rice, Lawrence M., 4,510,416, Cl. 313-579.000.

Morris, Nicholas G.; Kingsbury, Charles M.; and Beckwith, Bruce R., to Emhart Industries, Inc. Delivery drive for glassware forming machine. 4,505,731, 3-19-85, Cl. 65-225.000.

Morris, Nicholas G.: *See*—
Abbott, Vaughan; Morris, Nicholas G.; Lambert, Scott M.; and Letellier, Richard A., 4,528,015, Cl. 65-162.000.

Morris, Richard A.; Lukens, William E.; and Zanis, Charles A., to United States of America, Navy. Weld metal cooling rate indicator system. 4,555,614, 11-26-85, Cl. 219-130.010.

Morris, Richard A.: *See*—
Green, John F.; and Morris, Richard A., 4,540,165, Cl. 269-325.000.

Morris, Robert A.; Kiesel, George W.; Rajotte, Paul T.; and Richards, Anthony L., to General Electric Company. Electrical interconnect arrangement for a GFCI magnetic sensor module plug-in subassembly. 4,507,709, 3-26-85, Cl. 361-400.000.

Morris, Robert A.; Kiesel, George W.; and Rajotte, Paul T., to General Electric Company. Interrupter mechanism for a ground fault circuit interrupter. 4,521,824, 6-4-85, Cl. 361-45.000.

Morris, Robert A.; Kiesel, George W.; and Rajotte, Paul T., to General Electric Company. Ground and test arrangement for a ground fault circuit interrupter. 4,549,241, 10-22-85, Cl. 361-45.000.

Morris, Robert C.; and Shelton, Russell S. Thermostatic fishing device. 4,524,539, 6-25-85, Cl. 43-44.870.

Morris, Robert L.: *See*—
Scotese, Anthony C.; Morris, Robert L.; Santilli, Arthur A.; and Strike, Donald P., 4,537,968, Cl. 546-209.000.

Morris Rod-Weeder Co. Ltd.: *See*—
Machnee, Cecil B., 4,500,017, Cl. 222-288.000.
Machnee, Cecil B., 4,500,105, Cl. 280-468.000.
Nicholls, Douglas C., 4,532,790, Cl. 172-266.000.

Morris Rod-Wheeler Co. Ltd.: *See*—
Morris, George H.; and Nicholls, Douglas C., 4,522,268, Cl. 172-518.000.

Morris, Roy E Child proof seat belt. 4,497,094, 2-5-85, Cl. 24-633.000.

Morris, Roy E.; and Lynch, Cornelius E., Jr. Child proof seat belt. 4,502,194, 3-5-85, Cl. 24-633.000.

Morris-Sherwood, Betty J.; Brink, Edward C., Jr.; McCoy, David R.; and McEntire, Edward E., to Texaco Inc. Water base hydraulic fluid. 4,548,726, 10-22-85, Cl. 252-75.000.

Morris-Sherwood, Betty J.; and Brink, Edward C., Jr., to Texaco Inc. Corrosion inhibiting composition and method. 4,552,686, 11-12-85, Cl. 252-392.000.

Morris, Stanley. Advertising display apparatus. 4,505,059, 3-19-85, Cl. 40-10.00D.

Morris, Susan M.; Thomas, Thomas J.; and Kalz, Dietmar, to Mobay Chemical Corporation. White modification of a bis-triazinyl amino stilbene optical brightener and a process for making the same. 4,549,980, 10-29-85, Cl. 252-301.230.

Morris, Thomas E.: *See*—
Hyde, Rebecca A.; Bloom, Harold T.; and Morris, Thomas E., 4,541,825, Cl. 493-44.000.

Morris, Wilford V., to Strata Bit Corporation. Adjustable nozzle. 4,533,005, 8-6-85, Cl. 175-393.000.

Morris, Wilford V.: *See*—
Radtke, Robert P.; and Morris, Wilford V., 4,499,958, Cl. 175-329.000.

Morris, William M.; Witzel, Frank; Puglia, Wayne J.; Mackay, Donald A. M.; Clark, K. Warren; and Patanasinth, Kanit J., to Nabisco Brands, Inc. Soft homogeneous antacid tablet. 4,533,543, 8-6-85, Cl. 424-38.000.

Morris, William W., to X-Cel X-Ray Corporation. Quick release and adjustable collimator device. 4,532,645, 7-30-85, Cl. 378 [illegible] 7.000.

Morrisey, Edward J., to United States of America, Air Force. Compartmented, filament wound, one-piece aircraft fuel tanks. 4,511,105, 4-16-85, Cl. 244-135.00R.

Morrish, William R.: *See*—
Green, Lawrence E.; and Morrish, William R., 4,511,179, Cl. 297-349.000.

Morrison, Alan D.: *See*—
Paterson, Neil G.; and Morrison, Alan D., 4,529,972, Cl. 340-554.000.

Morrison, Alex J. Apparatus for constructing cylindrical storage tanks. 4,494,291, 1-22-85, Cl. 29-281.400.

- Morrison, Andrew D.; and Daud, Taher, to United States of America, National Aeronautics and Space Administration. Low defect, high purity crystalline layers grown by selective deposition. 4,522,661, 6-11-85, Cl. 148-33.200.
- Morrison, Bradley W., to Ogilvie Mills Ltd. Lactase-containing baking formulations. 4,522,832, 6-11-85, Cl. 426-20.000.
- Morrison, Brian D., to Raytheon Company. Bidirectional data byte aligner. 4,507,731, 3-26-85, Cl. 364-200.000.
- Morrison, Clyde A.: *See—*
  - Wortman, Donald E.; Morrison, Clyde A.; and Leavitt, Richard P., 4,545,056, Cl. 372-2.000.
- Morrison Company, Inc.: *See—*
  - Morrison, Donald, 4,518,647, Cl. 428-250.000.
- Morrison, David A.: *See—*
  - Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,514,069, Cl. 354-304.000.
  - Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,519,689, Cl. 354-304.000.
  - Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,561,745, Cl. 354-299.000.
- Morrison, David E., to Saxon Arms, Inc. Dispensing container. 4,502,612. 3-5-85, Cl. 221-185.000.
- Morrison, Donald, to Morrison Company, Inc. Agricultural belting material. 4,518,647, 5-21-85, Cl. 428-250.000.
- Morrison, Donald R. Hydraulically-powered material spreader. 4,555,200, 11-26-85, Cl. 404-72.000.
- Morrison, Donald R. Rotary trowel blade assembly. 4,556,339, 12-3-85, Cl. 404-112.000.
- Morrison, Elbert F., to Burlington Industries, Inc. Vacuum spinning. 4,507,913, 4-2-85, Cl. 57-328.000.
- Morrison, Eric F., to Ampex Corporation. Apparatus for providing dropout compensation and error concealment in a PAL format video information signal. 4,519,001, 5-21-85, Cl. 358-310.000.
- Morrison, Glenn C. 2,4-dihydro-5-[(substituted)phenyl]-4,4-disubstituted-3H-pyrazol-3-ones. 4,526,982, 7-2-85, Cl. 548-336.000.
- Morrison, Glenn C., to Warner-Lambert Company. 2,4-dihydro-5-[(substituted)phenyl]-4,4-disubstituted-3H-pyrazol-3-ones. 4,550,119, 10-29-85, Cl. 514-394.000.
- Morrison, Heber J.; and Koenig, Lawrence W., to Westinghouse Electric Corp. Power amplifier with controllable lossless snubber circuit. 4,502,085, 2-26-85, Cl. 361-56.000.
- Morrison, Herbert: *See—*
  - Mack, William; Morrison, Herbert; and Chiapetta, Frank, 4,498,237, Cl. 30-200.000.
- Morrison, Howard J.: *See—*
  - Breslow, Jeffrey D.; Morrison, Howard J.; Ditton, Richard A.; Meyer, Steven M.; and Morrison, Robert S., 4,530,499, Cl. 273-1.0GC.
  - Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., 4,508,353, Cl. 273-313.000.
- Morrison, J. Bruce: *See—*
  - Kennedy, Alvin B., III; Fontaine, Joseph S.; Kennard, Alfred J.; and Morrison, J. Bruce, 4,537,685, Cl. 210-709.000.
- Morrison, John M., to Ferranti plc. Automatic equipment. 4,538,177, 8-27-85, Cl. 358-101.000.
- Morrison-Knudsen Co., Inc.: *See—*
  - Miles, Lee W.; Chambers, Samuel W.; and Rice, Mathias F., 4,493,586, Cl. 405-17.000.
- Morrison, Mary E.: *See—*
  - Drake, Evelyn N.; Morrison, Mary E.; and Dawson, Charles R., 4,503,170, Cl. 523-130.000.
- Morrison, Melvin M., to RCA Corporation. Planar microwave circuit component mounting system. 4,538,124, 8-27-85, Cl. 333-246.000.
- Morrison Motor Company: *See—*
  - Morrison, Ronald D., 4,530,316, Cl. 123-44.00R.
- Morrison, Norman J., to Flexibox Limited. Membrane type couplings. 4,492,583, 1-8-85, Cl. 464-99.000.
- Morrison, Peter A.: *See—*
  - Herman, Jan S.; Morrison, Peter A.; and Richards, Gerald P., 4,539,682, Cl. 371-15.000.
- Morrison Products, Inc.: *See—*
  - Baker, Harold L., 4,515,527, Cl. 416-184.000.
- Morrison, Raymond C.; Gleichauf, Paul H., deceased; and Gleichauf, Theresa C., executrix, to Raytheon Company. Cathode ray tube gun support. 4,559,468, 12-17-85, Cl. 313-456.000.
- Morrison, Robert A.; and Frink, Attila, to Lockheed Corporation. Electronic packaging module utilizing phase-change conductive cooling. 4,493,010, 1-8-85, Cl. 361-385.000.
- Morrison, Robert A., to Lockheed Corporation. Zero-insertion-force housing for circuit boards. 4,518,210, 5-21-85, Cl. 339-17.0LM.
- Morrison, Robert A.: *See—*
  - Frink, Attila; and Morrison, Robert A., 4,517,625, Cl. 361-399.000.
- Morrison, Robert S.: *See—*
  - Breslow, Jeffrey D.; Morrison, Howard J.; Ditton, Richard A.; Meyer, Steven M.; and Morrison, Robert S., 4,530,499, Cl. 273-1.0GC.
  - Meyer, Steven M.; Kuna, Wayne A.; Morrison, Robert S.; Morrison, Howard J.; Ditton, Richard A.; and Ditton, Elaine A., 4,508,353, Cl. 273-313.000.
- Morrison, Ronald D., to Morrison Motor Company. Rotating cylinder internal combustion engine. 4,530,316, 7-23-85, Cl. 123-44.00R.
- Morrison, Thomas R. Cadence meter. 4,526,036, 7-2-85, Cl. 73-493.000.
- Morrison, Thomas R. Vehicle gearshift indicator. 4,552,088, 11-12-85, Cl. 116-28.100.
- Morrison, Ward D.: *See—*
  - Hibbard, George A.; and Morrison, Ward D., 4,550,785, Cl. 173-134.000.
- Morrisroe, John P. Artificial seaweed. 4,534,675. 8-13-85, Cl. 405-24.000.
- Morrissette, Charles G.: *See—*
  - Sauer, Robert L.; Morrissette, Charles G.; Garbaczik, Stanley J., Sr.; and Garbaczik, Stanley J., Jr., 4,554,852, Cl. 83-407.000.
- Morrone, Giuseppe. Number puzzle. 4,548,410, 10-22-85, Cl. 273-153.00S.
- Morrow, Danny G.; and Oiwa, Thomas Y., to Raychem Corporation. Termination apparatus for heaters in hazardous environments. 4,538,053, 8-27-85, Cl. 219-541.000.
- Morrow, Robert J. P., to Spetra-Physics, Inc. Sighting cap for rotating laser beam transmitter. 4,519,705, 5-28-85, Cl. 356-138.000.
- Morrow, Robert M.; Kuebker, William A.; and McGinity, James W., to Board of Regents, The University of Texas System. Oral lubricant for athletic mouth protector. 4,537,689, 8-27-85, Cl. 252-11.000.
- Morrow, William H.: *See—*
  - Preston, John M.; Ward, Thomas V.; and Morrow, William H., 4,516,857, Cl. 356-418.000.
- Morrow, Winston G., to Spinal Dynamics, Inc. Head and neck cushion. 4,494,261, 1-22-85, Cl. 5-436.000.
- Morrow, Winston G., to Spinal Dynamics, Inc. Physiologic support system and method. 4,502,170, 3-5-85, Cl. 5-431.000.
- Morsch, Joachim: *See—*
  - Heidelberger, Walter; and Morsch, Joachim, 4,492,128, Cl. 74-471.0XY.
- Morscheck, Timothy J., to Eaton Corporation. Trimmer valve. 4,495,837, 1-29-85, Cl. 74-869.000.
- Morscheck, Timothy J., to Eaton Corporation. Transmission shift valve. 4,495,839, 1-29-85, Cl. 74-869.000.
- Morsdorf, Peter: *See—*
  - Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.
- Morse, Albert I.; Crowell, Douglas H.; and Gilligan, Thomas J., III, to USM Corporation. Receiving belt mechanism. 4,520,751, 6-4-85, Cl. 118-203.000.
- Morse, Albert I., to USM Corporation. Hopper feed mechanism. 4,557,402, 12-10-85, Cl. 222-230.000.
- Morse, Albert I.: *See—*
  - Gilbride, Andrew J.; Morse, Albert I.; Crowell, Douglas H.; and Holland, Larry L., 4,502,411, Cl. 118-503.000.
  - Simmonds, Robert C., Jr.; Gilbride, Andrew J.; and Morse, Albert I., 4,540,608, Cl. 427-282.000.
- Morse, Arthur L.: *See—*
  - Hewitt, Mary J.; and Morse, Arthur L., 4,523,326, Cl. 377-58.000.
- Morse, David L.: *See—*
  - Araujo, Roger J.; Hares, George B.; Kerko, David J.; Morgan, David W.; and Morse, David L., 4,549,894, Cl. 65-30.110.
  - Beall, George H.; Borrelli, Nicholas F.; and Morse, David L., 4,526,873, Cl. 501-5.000.
  - Borrelli, Nicholas F.; Keck, Donald B.; Morse, David L.; and Sachenik, Paul A., 4,501,468, Cl. 350-96.250.
  - Borrelli, Nicholas F.; Morse, David L.; and Sachenik, Paul A., 4,514,053, Cl. 350-162.200.
- Morse, Donald K.: *See—*
  - Gagliardo, John P.; Morse, Donald K.; and Pruneau, Albert, Jr., 4,535,846, Cl. 169-25.000.
- Morse, Hugh B.; and Masch, Helmut E. Case loading apparatus and method. 4,492,070, 1-8-85, Cl. 53-438.000.
- Morse, James E.: *See—*
  - Kilroy, Eugene J.; Morse, James E.; Grimm, Thomas H.; and DeAnda, Nicholas, 4,522,607, Cl. 446-447.000.
- Morse, John H.; and Skrynecki, Robert. Flexible safety belt with flashing light-emitting devices and alarm. 4,523,258, 6-11-85, Cl. 362-108.000.
- Morse, Milton, to APM Corporation. Protective cover for telephone. 4,501,936, 2-26-85, Cl. 179-184.000.
- Morse, Milton, to APM Corporation. Vandal-resistant shield for telephone keypad. 4,555,600, 11-26-85, Cl. 179-184.000.
- Morse, Randall H.: *See—*
  - Bacon, David L.; Kremer, Richard D.; and Morse, Randall H., 4,534,863, Cl. 210-232.000.
- Morse, Robert L.; and Hagan, Russell M., to Tecumseh Products Company. Hermetic compressor discharge line thermal block. 4,506,519, 3-26-85, Cl. 62-190.000.
- Morse, Theodore F., to Corning Glass Works. Method of making optical fiber preform. 4,507,135, 3-26-85, Cl. 65-3.120.
- Morse, William C.; and Phaneuf, John B., to AT&T Technologies, Inc. Thin lead suspension for a piezoelectric resonator. 4,494,033, 1-15-85, Cl. 310-352.000.
- Morsing, Gijsbertus B., to Daisy Systems Holland B.V. Impact hammer. 4,496,253, 1-29-85, Cl. 400-163.100.
- Morsing, Gijsbertus B.: *See—*
  - Schuiling, Theodorus A.; and Morsing, Gijsbertus B., 4,544,290, Cl. 400-175.000.
- Morssinkhof, Gerhardus H., to Stork Screens B.V. Process of electroforming a metal product and an electroformed metal product. 4,496,434, 1-29-85, Cl. 204-11.000.
- Morstain, Barry R.; and Danner, Melvin F., to Morstain, Barry R. Sporting event analysis device. 4,496,148, 1-29-85, Cl. 273-1.00E.
- Morsucci, Juan C.: *See—*
  - Silvestrini, Jesus A.; and Morsucci, Juan C., 4,505,670, Cl. 432-124.000

Morszeck, Dieter. Suitcase. 4,509,622, 4-9-85, Cl. 190-119.000.

Mort, Joseph; Jansen, Frank; Grammatica, Steven J.; and Morgan, Michael A., to Xerox Corporation. Electrophotographic devices containing overcoated amorphous silicon compositions. 4,544,617, 10-1-85, Cl. 430-58.000.

Mort, Joseph: *See*—
Jansen, Frank; and Mort, Joseph, 4,513,022, Cl. 427-39.000.

Mortellacci, Robert J. Power billiard cue adaptor. 4,526,370, 7-2-85, Cl. 273-69.000.

Mortellite, Robert M., to Clopay Corporation. Window shade clutch assembly. 4,523,620, 6-18-85, Cl. 160-315.000.

Mortensen, Craig A.: *See*—
McCullough, John B.; and Mortensen, Craig A., 4,531,059, Cl. 250-370.000.

Mortensen, David J.; and Sheth, Jayesh V., to Burroughs Corporation. Burst mode data block transfer system. 4,542,457, 9-17-85, Cl. 364-200.000.

Mortensen, John L. Adjustable probe belt assembly. 4,498,480, 2-12-85, Cl. 128-644.000.

Mortensen, Sten: *See*—
Jensen, Uffe L.; and Mortensen, Sten, 4,492,040, Cl. 34-10.000.

Mortenson, John A.: *See*—
Gumaer, Robert A.; and Mortenson, John A., 4,509,119, Cl. 364-200.000.

Mortier, Roy M.: *See*—
Cramp, John H. W.; Murray, Robert T.; Reid, Robert F.; and Mortier, Roy M., 4,560,248, Cl. 350-96.340.

Mortimer, Gary A.: *See*—
Ingraham, John T.; and Mortimer, Gary A., 4,542,714, Cl. 119-29.000.

Mortimer, John H.: *See*—
Boehm, Paul C.; Mortimer, John H.; Rowan, Henry M.; and Turner, Robert C., 4,506,131, Cl. 219-10.770.

Mortimer, John K., to F. F. Seeley Nominees Pty. Ltd. Carton handle. 4,524,902, 6-25-85, Cl. 229-52.00A.

Mortimer, Thomas P.; and Suciu, Gabriel L., to United Technologies Corporation. Heat exchange system. 4,546,605, 10-15-85, Cl. 60-226.100.

Morton, Anthony J.; Harvey, Kenneth; and Hayes, Harry, to Colgate-Palmolive Company. Dentifrice containing dual sources of fluoride. 4,528,181, 7-9-85, Cl. 424-52.000.

Morton, Arthur W., to Conoco Inc. Method and apparatus for production of subsea hydrocarbons using a floating vessel. 4,556,340, 12-3-85, Cl. 405-195.000.

Morton, Donald L.: *See*—
Irie, Reiko F.; Tai, Tadashi; Morton, Donald L.; Cahan, Leslie D.; and Paulson, James C., 4,557,931, Cl. 424-88.000.

Morton, Edward W.: *See*—
Evans, George S.; Morton, Edward W.; Gilmore, John F., deceased; and Gilmore, Roderick A., Administrator, 4,501,992, Cl. 315-122.000.

Morton, Gerald H.: *See*—
Gardner, John F.; and Morton, Gerald H., 4,542,763, Cl. 137-340.000.

Morton Glass Works: *See*—
Abel, Donald, 4,497,477, Cl. 269-303.000.

Morton, James F. Tow bar for semi-tractors having triangulated support system and adjustable dual cylinder hydraulic control. 4,555,214, 11-26-85, Cl. 414-563.000.

Morton Norwich Products: *See*—
Orelup, Richard B., 4,514,503, Cl. 436-60.000.

Morton, Roger H. Trap for marine animals. 4,538,376, 9-3-85, Cl. 43-100.000.

Morton, Steven G., to International Telephone and Telegraph Corporation. Impedance restoration for fast carry propagation. 4,536,855, 8-20-85, Cl. 364-786.000.

Morton, Steven G., to International Telephone and Telegraph Corporation. Associative array with transversal horizontal multiplexers. 4,546,428, 10-8-85, Cl. 364-200.000.

Morton, Ted W. Live bait vending apparatus. 4,550,522, 11-5-85, Cl. 43-55.000.

Morton Thiokol, Inc.: *See*—
Adams, Gary V.; Anderson, Scott R.; and Lauritzen, Donald R., 4,530,516, Cl. 280-741.000.
Adams, Gary V.; Ahlf, Wilbur J.; Cunningham, Donald J.; and Dahle, David P., 4,547,342, Cl. 422-166.000.
Adams, Gary V.; Ahlf, Wilbur J.; Kirchoff, George F.; and Lange, Rholand E., 4,561,675, Cl. 280-734.000.
Bell, Frank H., 4,522,126, Cl. 102-370.000.
Hamel, Roger G.; and Poulin, Susan B., 4,520,137, Cl. 521-79.000.
Hawkins, David K.; and Sauvageau, Donald R., 4,549,464, Cl. 89-1.809.
Kugele, Thomas G., 4,558,083, Cl. 524-181.000.
Levinthal, Michael L., 4,555,280, Cl. 149-109.600.
Millen, Edward G., 4,518,767, Cl. 528-374.000.
Molt, Kenneth R., 4,515,916, Cl. 524-99.000.
Poulin, Susan B.; and Salamone, Ann B., 4,556,629, Cl. 430-331.000.
Reynolds, Keith B.; Freston, Trevor R.; Ord, Richard N.; and Houghton, James T., 4,541,757, Cl. 407-53.000.
Schmidle, Claude J., 4,512,910, Cl. 252-188.310.
Schneiter, Fred E.; and McDonald, Allan J., 4,547,235, Cl. 149-35.000.
Stevens, George L., 4,539,910, Cl. 202-349.000.
Stevens, George L., 4,552,380, Cl. 280-728.000.
Waatti, Kurt J.; and Border, Daniel R., 4,540,715, Cl. 521-26.000.
Youngkeit, Dean, 4,561,377, Cl. 118-33.000.

Morton, Willard. Water-steam separator. 4,509,965, 4-9-85, Cl. 55-399.000.

Morton, William P. Fluorescent vapor fumes for use with a self-contained fingerprinting kit. 4,504,408, 3-12-85, Cl. 252-301.160.

Mortvedt, Raymond L.; and Thompson, Steven M., to Ektelon. Racquetball racquet with increased hitting area. 4,531,738, 7-30-85, Cl. 273-73.00C.

Mortvedt, Raymond L., to Ektelon. Tubular steel racquet frame having varying cross-section. 4,561,655, 12-31-85, Cl. 273-73.00H.

Morvan, Olivier: *See*—
Lombard, Claude; and Morvan, Olivier, 4,543,116, Cl. 65-40.000.

Moryl, Richard; and Bouery, Roger, to Compagnie de Materiel et d'Equipements Techniques C.O.M.E.T. Devices for securing objects to metal sheets accessible from only one side. 4,531,870, 7-30-85, Cl. 411-108.000.

Morz, Gunter; and S[illegible]ldrich, Werner, to ANT Nachrichtentechnik GmbH. Rotary waveguide coupling having arcuate shaped deflecting elements with 2-D blocking structures. 4,533,887, 8-6-85, Cl. 333-256.000.

Morz, Gunther; and [illegible]z, Wilhelm, to Licentia Patent-Verwaltungs-GmbH. Microwave receiving device. 4,498,061, 2-5-85, Cl. 333-21.00A.

Morzsic, Piotr A.: *See*—
Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.

Mosaic King (PTY) Ltd: *See*—
Rohrer, Helmuth H., 4,543,759, Cl. 52-475.000.

Mosbach, Erwin H.; Une, Misuho; and McSherry, Charles K., to Beth Israel Medical Center. Chemical synthesis. 4,545,938, 10-8-85, Cl. 260-397.100.

Mosbach, Klaus: *See*—
Larsson, Per-Olof; Mosbach, Klaus; and Borchert, Axel, 4,532,232, Cl. 502-403.000.
Schroder, Ulf; and Mosbach, Klaus, 4,501,726, Cl. 424-1.100.

Mosbach, Klaus H.: *See*—
Hagerdal, Barbel G. R.; and Mosbach, Klaus H., 4,524,137, Cl. 435-178.000.

Mosberg, Henry: *See*—
Hruby, Victor J.; and Mosberg, Henry, 4,518,711, Cl. 514-11.000.

Mosbrucker, Gregory A.; and Abelein, Dewayne M., to Precision Plumbing Products, Inc. Floor trap primer valve. 4,497,337, 2-5-85, Cl. 137-247.250.

Mosburger, Hans, to BHS-Bayerische Berg-, Hutten- und Salzwerke Aktiengesellschaft. Straight line cutting and/or groove machine for moving material webs, especially for corrugated paper webs. 4,516,454, 5-14-85, Cl. 83-499.000.

Mosch, Theodorus W. System wall or system ceiling. 4,546,587, 10-15-85, Cl. 52-489.000.

Moschensky, Anatoly D.: *See*—
Belykh, Sergei I.; Moschensky, Anatoly D.; Davydov, Anatoly B.; Pershin, Gely G.; Smirnov, Boris A.; and Gromov, Mikhail V., 4,492,226, Cl. 128-92.0BC.
Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.

Moschetto, Samuel J.: *See*—
Chellis, Fred F.; and Moschetto, Samuel J., 4,543,793, Cl. 62-6.000.

Moschovis, Elias P.: *See*—
Ansel, Robert E.; Cutler, Orvid R., Jr.; and Moschovis, Elias P., 4,496,210, Cl. 350-96.300.

Moscovich, Ivan. Puzzle with elements transferable between closed-loop paths. 4,509,756, 4-9-85, Cl. 273-153.00S.

Mosebach, Wilhelm, to Ruhrkohle Aktiengesellschaft. Process for wet quenching of coal-coke. 4,512,850, 4-23-85, Cl. 201-1.000.

Mosebach, Wilhelm: *See*—
Breidenbach, Dieter; Mosebach, Wilhelm; and Dellmann, Winfried, 4,495,031, Cl. 201-28.000.

Moseley, Patrick T.; and Bridger, Nevill J., to United Kingdom Atomic Energy Authority. Lead acid electric storage cell and a positive electrode therefor. 4,507,855, 4-2-85, Cl. 29-623.100.

Moseley, Patrick T.; and Hill, Michael R. H., to United Kingdom Atomic Energy Authority. Method of manufacturing a positive electrode for a lead acid electric storage cell. 4,508,147, 4-2-85, Cl. 141-1.100.

Moseley, Patrick T.: *See*—
Coetzer, Johan; Galloway, Roy C.; Bones, Roger J.; Teagle, David A.; and Moseley, Patrick T., 4,546,055, Cl. 429-103.000.

Moseley, Robin C.: *See*—
von Holten, Ernest; and Moseley, Robin C., 4,503,291, Cl. 179-90.0AN.

Mosely, Jeannine. Blank for folding an octahedron and folded product. 4,517,251, 5-14-85, Cl. 428-542.800.

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Parkhurst, Warren E.; and Moser, David, 4,525,263, Cl. 204-196.000.
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  - Mittelmeier, Heinz; Moser, Heinz; and Leu, Beat, 4,516,276, Cl. 3-1.910.
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  - Carey, Martin C.; Moses, Alan C.; and Flier, Jeffrey S., 4,548,922, Cl. 514-4.000.
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  - Stewart, Harvey; and Mosheim, C. Edward, 4,518,570, Cl. 423-63.000.
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  - Grammas, James J.; Moskal, Walter J.; and Witt, Craig J., 4,535,533, Cl. 29-749.000.
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  - Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.
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  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
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  - Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.
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  - Faris, Sadeg M.; Moskowitz, Paul A.; Davidson, Arthur; and Sai-Halasz, George A., 4,498,046, Cl. 324-158.00F.
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  - Borbely, Gyula J.; Devuyst, Eric A.; Ettel, Victor A.; Mosoiu, Marcel A.; and Schitka, Konstantin J., 4,537,686, Cl. 210-713.000.
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  - Eriksen, Tor, 4,494,475, Cl. 114-230.000.
  - Grondalen, Svein, 4,509,657, Cl. 220-436.000.
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  - Ackmann, Paul W.; and Bryant, Frank R., 4,508,815, Cl. 430-314.000.
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- Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, to Kumiai Chemical Industry Co., Ltd.; and Ihara Chemical Industry Co., Ltd. Cyclohexane derivatives having plant-growth regulating activities, and uses of these derivatives. 4,560,403, 12-24-85, Cl. 71-106.000.
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- Motoki, Yoshiaki: *See—*
  - Kouzai, Fumio; and Motoki, Yoshiaki, 4,511,890, Cl. 340-644.000.
- Motoki, Yoshinobu: *See—*
  - Kido, Yasuji; Yoshida, Tsutomu; Hamakado, Toshinari; Anno, Masami; Harada, Takahiro; and Motoki, Yoshinobu, 4,526,866, Cl. 435-68.000.
- Motomec s.r.l.: *See—*
  - Mambelli, Giancarlo, 4,560,020, Cl. 180-53.100.
- Motomura, Jiro; Kamiya, Yasuhisa; and Nishikawa, Seiichi, to Aisin Warner Kabushiki Kaisha. Front cover for a torque converter and method of processing the same. 4,512,449, 4-23-85, Cl. 192-3.280.
- Motomura, Kenichi; Ogawa, Hiroshi; Yamamoto, Akira; and Hagita, Noriyuki, to Bridgestone Tire Company Limited. Heavy duty pneumatic radial tire. 4,515,197, 5-7-85, Cl. 152-209.00R.
- Motomura, Minoru; Shibata, Kiyoshi; Watanabe, Toshio; and Ohata, Yousuke, to Mita Industrial Co., Ltd. Copy paper counting method and device for copying apparatus. 4,521,102, 6-4-85, Cl. 355-14.0CU.
- Motomura, Minoru: *See—*
  - Nishihama, Hitoshi; Gotoda, Katsuhiko; Motomura, Minoru; Nakajima, Tadanobu; and Aizawa, Tatsuo, 4,533,618, Cl. 430-126.000.
- Motomura, Noriyuki; Tsuboi, Hiroyuki; and Yamada, Sadayoshi, to Toshiba Kikai Kabushiki Kaisha. Method and system of controlling injection molding machines. 4,559,991, 12-24-85, Cl. 164-457.000.
- Motomura, Noriyuki: *See—*
  - Nakamura, Hiromi; Mochizuki, Zenichi; Motomura, Noriyuki; and Yamada, Sadayoshi, 4,510,371, Cl. 219-121.0LM.
- Motonaga, Kenjiro: *See—*
  - Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Taka[illegible]i; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.
  - Tanaka, Kazuo; Motonaga, Kenjiro; and Tanaka, Kozo, 4,518,123, Cl. 241-18.000.
- Motonami, Masanao; Yamada, Makoto; and Ogawa, Hisashi, to Toyota Jidosha Kabushiki Kaisha. Automatic seat belt device. 4,557,523, 12-10-85, Cl. 297-468.000.
- Motonami, Masanao: *See—*
  - Suzuki, Ichiro; Motonami, Masanao; Yamada, Makoto; and Yoshitsugu, Noritada, 4,546,998, Cl. 280-807.000.
- Motoo, Akihiko, to Japan Steel Works, Ltd., The. Method of joining members difficult to fusion weld. 4,562,331, 12-31-85, Cl. 219-121.0ED.
- Motoo, Akihiko: *See—*
  - Fujita, Daijiro; Motoo, Akihiko; and Maki, Yoshiki, 4,516,925, Cl. 425-463.000.
- Motooka, Masanori; Mantoku, Hitoshi; and Ohno, Takao, to Mitsui Petrochemical Industries, Ltd. Process for producing stretched articles of ultrahigh-molecular-weight polyethylene. 4,545,950, 10-8-85, Cl. 264-210.600.
- Motooka, Naoki: *See—*
  - Kazuoka, Koji; Suganuma, Testuya; Motooka, Naoki; and Kuroishi, Nobuhito, 4,546,737, Cl. 123-188.00S.
- Motor Wheel Corporation: *See—*
  - Jurus, Kevin D., 4,554,810, Cl. 72-70.000.
  - Murray, Scott L., 4,523,666, Cl. 188-218.0XL.
  - Woelfel, James A.; and Smith, Richard W., 4,514,013, Cl. 301-63.0PW.
- Motorenfabrik Hatz GmbH & Co. KG: *See—*
  - Anetzberger, Max; and Eder, Erich, 4,556,021, Cl. 123-185.00S.
  - Hatz, Ernst; and Absenger, Erich, 4,510,897, Cl. 123-90.480.
  - Kochanowski, Hans-Alfred, 4,494,492, Cl. 123-41.840.
- Motornetics Corporation: *See—*
  - Welburn, Ross D., 4,501,980, Cl. 310-12.000.
  - Welburn, Ross D., 4,532,448, Cl. 310-163.000.
  - Welburn, Ross D., 4,551,708, Cl. 340-347.0SY.
- Motorola, Inc.: *See—*
  - Abt, Edgar J.; Van Buren, Phillip D.; and Witter, James P., 4,559,525, Cl. 340-347.00P.
  - Ackerman, Charles B., 4,508,970, Cl. 250-577.000.
  - Ackerman, Charles B., 4,540,867, Cl. 219-121.0LW.
  - Adams, Victor J.; and Polka, Frank, 4,526,740, Cl. 264-259.000.
  - Addie, David L.; and Ellsworth, Kenneth A., 4,498,096, Cl. 357-67.000.
  - Akram, M. Faheem, 4,500,831, Cl. 323-315.000.
  - Akram, M. Faheem, 4,503,398, Cl. 330-285.000.
  - Akram, M. Faheem, 4,521,898, Cl. 377-116.000.
  - Allen, Gordon H., 4,511,809, Cl. 307-254.000.
  - Allgood, Robert N.; Peterson, Joe W.; and Whatley, Roger A., 4,508,983, Cl. 307-577.000.
  - Anderson, George F.; and Burt, Dan L., 4,495,222, Cl. 427-89.000.
  - Bai, Monty W.; and Meyer, Alfred B., 4,495,792, Cl. 73-12.000.
  - Balda, Raymond J.; Bukhman, Yefim; and Goodner, Willis R., 4,523,372, Cl. 29-590.000.
  - Baumann, William J., 4,516,220, Cl. 364-715.000.
  - Beesley, Graham E., 4,554,665, Cl. 371-55.000.
  - Bender, John R.; and Washburn, James R., 4,529,999, Cl. 357-38.000.
  - Berg, Daniel T., 4,520,475, Cl. 370-24.000.
  - Bertiger, Bary R., 4,538,757, Cl. 228-180.100.
  - Bickley, Robert H.; Bucher, Charles A.; and Yee, David M., 4,510,472, Cl. 333-262.000.
  - Birch, William A., 4,491,745, Cl. 307-272.00A.
  - Blair, Kelvin R.; Furman, Lynn C.; and Knott, David M., 4,530,003, Cl. 357-81.000.
  - Boothe, Nancy G.; and Potts, Anthony M., 4,536,925, Cl. 24-511.000.
  - Brown, Kenneth H., 4,527,127, Cl. 329-122.000.
  - Brown, Leland T., 4,530,023, Cl. 361-58.000.
  - Brown, Leland T., 4,533,970, Cl. 361-58.000.
  - Brusen, Karl R., 4,531,235, Cl. 455-273.000.
  - Budnik, Brian J., 4,521,726, Cl. 323-283.000.
  - Bukhman, Yefim, 4,523,976, Cl. 156-643.000.
  - Bukhman, Yefim; and Thornquist, Steven C., 4,560,436, Cl. 156-643.000.
  - Burbank, Raymond W.; and Myers, Christopher A., 4,550,429, Cl. 381-90.000.
  - Burke, Timothy M.; Smith, Paul F.; Noble, Scott W.; and Schorman, Eric R., 4,495,647, Cl. 455-38.000.
  - Burke, Timothy M.; and Noble, Scott W., 4,517,561, Cl. 340-825.070.
  - Bynum, Byron G., 4,495,536, Cl. 361-91.000.
  - Bynum, Byron G., 4,521,737, Cl. 330-51.000.
  - Bynum, Byron G.; and Cave, David L., 4,533,845, Cl. 307-540.000.
  - Bynum, Byron G.; and Cave, David L., 4,553,048, Cl. 307-350.000.
  - Campbell, Jules D., Jr., 4,517,551, Cl. 340-347.0DA.
  - Campbell, Jules D., Jr., 4,520,347, Cl. 340-347.0DD.
  - Capurka, Zbynek A., 4,553,426, Cl. 73-116.000.
  - Carson, Lansing M., 4,513,447, Cl. 455-76.000.
  - Cerny, Frank J., Jr., 4,519,096, Cl. 455-137.000.
  - Cho, Frederick Y.; and Williams, Dylan F., 4,506,239, Cl. 333-196.000.
  - Coe, Richard H., 4,553,262, Cl. 455-15.000.
  - Countryman, Roger S., Jr., 4,532,611, Cl. 365-200.000.
  - Crevel, Philippe, 4,494,184, Cl. 364-178.000.
  - Currier, David W., 4,539,621, Cl. 361-386.000.
  - Cygan, Lawrence F.; Olivera, Raul; and Pottle, John F., 4,504,886, Cl. 361-386.000.
  - Czarnocki, Wlodzimierz S., 4,550,611, Cl. 73-708.000.
  - d'Aragona, F. Secco, 4,545,849, Cl. 156-617.0SP.
  - Davies, Robert B.; Miller, Ira; and Dotson, Robert N., 4,504,928, Cl. 365-11.000.
  - Davies, Robert B., 4,513,306, Cl. 357-36.000.
  - Davies, Robert B., 4,521,799, Cl. 357-51.000.
  - Davies, Robert B.; Miller, Ira; and Dotson, Robert N., 4,554,464, Cl. 307-265.000.
  - Davis, Earl K.; Drye, James E.; and Reed, David J., 4,515,898, Cl. 501-15.000.
  - Davis, Walter L.; and Raghunathan, Kuppuswamy, 4,518,961, Cl. 340-825.440.
  - Davis, William F., 4,517,524, Cl. 330-257.000.
  - Day, Samuel W., Jr., 4,540,989, Cl. 343-900.000.
  - Deweck, Lionel, 4,492,931, Cl. 330-294.000.
  - Dewitt, B. Chris, 4,556,804, Cl. 307-296.00R.
  - Dochow, Claude; Patterson, Mark L.; and Sanneman, Richard W., 4,560,987, Cl. 343-17.700.
  - Dolikian, Arman V., 4,554,542, Cl. 340-825.760.
  - Dotson, Robert N.; Davies, Robert B.; and Miller, Ira, 4,514,648, Cl. 307-350.000.
  - Dressler, Roger W., 4,528,686, Cl. 381-28.000.
  - Dubois, Jerry M.; and Spanjer, Keith G., 4,510,519, Cl. 357-81.000.
  - Du Bois, Jerry M.; and Spanjer, Keith G., 4,518,982, Cl. 357-74.000.
  - Duel, Don M.; and Smith, Fred J., 4,559,708, Cl. 33-178.00R.
  - Dworsky, Lawrence N., 4,498,045, Cl. 324-71.500.
  - Dworsky, Lawrence N., 4,525,647, Cl. 310-361.000.
  - Dydyk, Michael, 4,494,086, Cl. 331-96.000.
  - Dydyk, Michael; Enlow, Norman K.; and Tuzzolino, Joseph R., 4,494,087, Cl. 331-107.0DP.
  - Dydyk, Michael; and Iwer, Herbert W., 4,514,707, Cl. 331-107.0SL.
  - Eastmond, Bruce C.; and Richardson, Julian H., 4,541,118, Cl. 455-35.000.
  - Edwards, David W., 4,558,231, Cl. 307-271.000.
  - Ellis, Ralph J.; Gurtler, Richard W.; and Sarma, Kalluri R., 4,510,015, Cl. 156-617.00R.
  - Engles, Bruce E., 4,500,961, Cl. 364-200.000.
  - Field, Harold; and Richter, Robert E., 4,513,068, Cl. 429-121.000.

Flowers, Dervin L., 4,521,441, Cl. 427-38.000.
Fraser, Robert J., 4,528,698, Cl. 455-319.000.
Freeburg, Thomas A.; and Krebs, Jay, 4,517,669, Cl. 370-82.000.
Freeburg, Thomas A., 4,525,861, Cl. 455-33.000.
Freeburg, Thomas A., 4,545,071, Cl. 455-33.000.
Freeburg, Thomas A., 4,550,443, Cl. 455-33.000.
Fukuta, Masaru, 4,512,030, Cl. 377-107.000.
Gallup, Michael G., 4,516,251, Cl. 377-110.000.
Gannon, Mark A.; and Yester, Francis R., Jr., 4,559,490, Cl. 333-202.000.
Garay, Oscar M., 4,494,120, Cl. 343-702.000.
Garay, Oscar M.; and Balzano, Quirino, 4,494,122, Cl. 343-722.000.
Garay, Oscar M.; Siwiak, Kazimierz; and Balzano, Quirino, 4,504,834, Cl. 343-749.000.
Garcia, Carlos N.; Rigg, Bryan C.; and Tanner, Sally A., 4,514,489, Cl. 430-327.000.
Gardiner, George K.; and Norris, Dean E., 4,509,054, Cl. 343-709.000.
Gay, Michael J., 4,524,332, Cl. 330-294.000.
Genrich, Thad J., 4,514,696, Cl. 328-14.000.
Genrich, Thad J., 4,553,218, Cl. 364-703.000.
Genrich, Thad J., 4,556,984, Cl. 377-47.000.
Gerson, Ira A., 4,544,919, Cl. 340-347.000.
Gillig, Steven F.; Fergus, George H.; and Barnes, Michael F., 4,550,426, Cl. 381-46.000.
Gomersall, Earl R.; and Cipolla, Arthur F., 4,500,880, Cl. 340-825.350.
Goode, Steven H., 4,539,524, Cl. 329-50.000.
Goodrich, Edgar R., Jr.; and Navratil, Philip, 4,538,270, Cl. 371-37.000.
Gray, Randall C.; and Main, W. Eric, 4,517,547, Cl. 340-59.000.
Gray, Randall C., 4,525,638, Cl. 307-350.000.
Gray, Randall C.; and Jarrett, Robert B., 4,555,742, Cl. 361-93.000.
Grieco, Steven E., 4,492,933, Cl. 331-66.000.
Groth, Edward J., Jr., 4,494,238, Cl. 375-1.000.
Gurtler, Richard W.; Legge, Ronald N.; and Lesk, Israel A., 4,547,256, Cl. 156-603.000.
Hansen, Kenneth A.; and Kurtzman, Gary A., 4,562,405, Cl. 330-51.000.
Helbert, John N., 4,497,890, Cl. 430-296.000.
Helda, Robert W., deceased; Halextine, Cynthia, personal representative; and Liaw, H. Ming, 4,557,795, Cl. 156-617.0SP.
Henderson, James A., Jr.; and Tennant, Chris B., 4,550,400, Cl. 370-85.000.
Herold, Barry W., 4,518,869, Cl. 307-350.000.
Herold, Barry W.; and Davis, Walter L., 4,527,131, Cl. 331-116.0FE.
Higgins, Mary L.; and Muri, David L., 4,501,017, Cl. 455-78.000.
Higgins, Robert J., Jr., 4,533,885, Cl. 333-191.000.
Hing, Sam A.; and Guillien, Michel, 4,513,178, Cl. 179-81.00R.
Hing, Samath; and Guillien, Michel, 4,549,129, Cl. 323-276.000.
Holden, Irving H., 4,545,639, Cl. 339-256.00R.
Holden, Kirk N., 4,525,797, Cl. 364-788.000.
Hunter, William L.; and Theobald, Paul R., 4,541,005, Cl. 357-81.000.
Ingle, William M.; Peffley, Marilyn S.; and Setty, H. S. Nagaraja, 4,526,769, Cl. 423-342.000.
Jamiolkowski, Michael J.; and Campbell, Jules D., Jr., 4,513,258, Cl. 331-111.000.
Jarrett, Robert B.; and Neidorff, Robert A., 4,542,303, Cl. 307-350.000.
Jason, Barry L., 4,525,683, Cl. 330-288.000.
Johnson, Robert A., 4,526,050, Cl. 74-89.220.
Joseph, Eric D., 4,521,697, Cl. 307-355.000.
Jouvet, Adrien; and Duvois, Eric, 4,501,960, Cl. 235-492.000.
Kase, Kiyoshi; and Fukuta, Masaru, 4,553,054, Cl. 307-597.000.
Kloker, Kevin L., 4,539,684, Cl. 371-46.000.
Krebs, Jay; and Freeburg, Thomas A., 4,519,068, Cl. 370-82.000.
Krumin, Donald K.; and Larson, Orville W., 4,534,063, Cl. 455-344.000.
Kuo, Clinton C. K., 4,547,749, Cl. 331-57.000.
Kwitkowski, Peter A.; and Pacholok, David R., 4,498,056, Cl. 330-296.000.
Latasiewicz, Leonard, 4,551,586, Cl. 200-5.00A.
Legge, Ronald; Rice, M. John, Jr.; and Sarma, Kalluri R., 4,555,303, Cl. 156-643.000.
Lehning, Heinz, 4,524,291, Cl. 307-354.000.
Lester, Theodore V., 4,519,023, Cl. 363-56.000.
Li, Edward, 4,547,715, Cl. 318-345.00B.
Linder, Donald L.; and Murphy, William R., 4,562,414, Cl. 332-9.00R.
Little, Wendell L.; and Herold, Barry W., 4,506,167, Cl. 307-279.000.
Lucas, Alfred R., 4,506,384, Cl. 455-51.000.
Ludtke, Gerald W., 4,514,708, Cl. 333-255.000.
Lund, Clarence A.; and Sugino, Michael D., 4,503,451, Cl. 357-50.000.
MacGregor, Douglas B.; Moyer, William C.; Mills, Marvin A., Jr.; and Zolnowsky, John E., 4,493,035, Cl. 364-200.000.
Macin, Bruce J.; and Bresin, Mark S., 4,534,208, Cl. 73-49.300.
Mahabadi, John K.; and Ehrlich, Victor D., 4,507,570, Cl. 307-273.000.
Maher, John W.; and Townsend, Greg M., 4,514,703, Cl. 330-279.000.
Main, W. Eric; Welty, Dennis L.; and Zobel, Don W., 4,491,804, Cl. 330-265.000.
Marten, Russell A.; and Townsend, Greg M., 4,554,658, Cl. 370-85.000.
McBiles, Carol D., 4,528,526, Cl. 332-16.00R.
McBiles, Carol D., 4,562,415, Cl. 332-9.00R.
McCallister, Ronald D.; and Crawford, James J., 4,500,994, Cl. 371-43.000.
McCallister, Ronald D., 4,531,224, Cl. 375-110.000.
McKenzie, James A., 4,495,425, Cl. 307-297.000.
McLaughlin, Michael J., 4,549,311, Cl. 455-277.000.
Merrill, Perry L., 4,506,280, Cl. 357-36.000.
Miller, Ira; Null, Michael W.; and Dotson, Robert N., 4,501,974, Cl. 307-246.000.
Miller, Ira; and Null, Michael W., 4,514,651, Cl. 307-475.000.
Miller, Ira; and Davies, Robert B., 4,533,844, Cl. 307-530.000.
Miller, Ira; Rumbaugh, Robert C.; and Price, John J., Jr., 4,536,663, Cl. 307-355.000.
Mills, Marvin A., Jr.; Moyer, William C.; MacGregor, Douglas B.; and Zolnowsky, John E., 4,524,415, Cl. 364-200.000.
Miniet, Jay J., 4,533,188, Cl. 339-17.0CF.
Mitchell, Curtis W.; and Berg, Howard M., 4,501,637, Cl. 156-630.000.
Mooney, Charles W.; Phipps, Robert E.; and Kuznicki, William J., 4,540,908, Cl. 310-326.000.
Moore, Larry A.; and Walker, John S., 4,494,123, Cl. 343-900.000.
Mosher, Mark D., 4,562,026, Cl. 264-135.000.
Moutrie, Michael F.; Sokola, Raymond L.; and Choi, Charles, 4,551,696, Cl. 333-204.000.
Muri, David L., 4,513,385, Cl. 364-572.000.
Neidorff, Robert A., 4,491,780, Cl. 323-313.000.
Neidorff, Robert A., 4,517,532, Cl. 331-57.000.
Neidorff, Robert A., 4,558,286, Cl. 330-252.000.
Newton, Anthony D.; and Perkins, Geoffrey W., 4,506,292, Cl. 358-34.000.
Nordbrock, Raymond E.; and Spears, Richard L., 4,517,507, Cl. 322-28.000.
Noufer, Glenn E., 4,546,453, Cl. 365-104.000.
Null, Michael W.; Dotson, Robert N.; and Davis, Robert B., 4,501,979, Cl. 307-494.000.
Oliver, Kirk D.; and Wolff, David A., 4,496,882, Cl. 315-371.000.
Olivera, Raul, 4,556,274, Cl. 339-147.00R.
Olsen, Dennis R.; and Spanjer, Keith G., 4,546,374, Cl. 357-71.000.
Parker, Lanny L., 4,491,741, Cl. 307-200.00B.
Parker, Norman W., 4,499,426, Cl. 329-50.000.
Parker, Norman W., 4,509,135, Cl. 364-826.000.
Parker, Norman W., 4,525,862, Cl. 455-47.000.
Patel, Bakulesh B., 4,511,768, Cl. 179-146.00R.
Paulson, Wayne M.; and Hughes, David W., 4,510,178, Cl. 427-94.000.
Pelley, Perry H., III, 4,551,641, Cl. 307-530.000.
Peterson, Joe W., 4,523,107, Cl. 307-352.000.
Peterson, Joe W., 4,528,505, Cl. 324-158.00R.
Petrie, Adelore F., 4,535,464, Cl. 377-39.000.
Petty, Cleon, 4,517,475, Cl. 307-272.00A.
Phillips, James P., 4,516,270, Cl. 455-302.000.
Popek, Marc H.; and Suarez, Jose I., 4,494,090, Cl. 332-16.00T.
Prioste, Jerry E.; and Lopez, David E., 4,556,947, Cl. 364-550.000.
Pumo, Joseph; and Belleville, Marc J. E., 4,540,898, Cl. 307-269.000.
Raghunathan, Kuppuswamy, 4,521,696, Cl. 307-350.000.
Rapps, Gary M.; and Feder, Alvin, 4,524,497, Cl. 29-25.350.
Reed, John C., 4,531,098, Cl. 330-53.000.
Reid, Sydney J., Jr.; and Zlotnick, Fredrick, 4,536,798, Cl. 358-197.000.
Remedi, James J.; Reid, Don G.; and Ure, Lynette, 4,511,914, Cl. 357-45.000.
Reynolds, Gary R.; Gaynor, Thomas R.; Olivera, Raul; Ruthenberg, Ross E.; Smith, Jay G.; Kurby, Christopher N.; and Mansfield, Terry K., 4,491,806, Cl. 331-96.000.
Rice, Craig W.; and Popek, Marc H., 4,510,465, Cl. 332-16.00T.
Richmond, Carl T.; Butler, Thomas A.; and Andrews, Joseph E., Jr., 4,525,675, Cl. 328-140.000.
Robb, Francine Y., 4,529,860, Cl. 219-121.0PE.
Rose, John W., 4,517,220, Cl. 427-8.000.
Rumbaugh, Robert C.; and Miller, Ira, 4,554,468, Cl. 307-355.000.
Ryan, Carl R.; and Hambley, Allan R., 4,547,888, Cl. 375-14.000.
Sasser, Bill H.; Walker, Scott H.; and Immell, Raymond G., 4,495,506, Cl. 343-909.000.
Sasser, Bill H., 4,516,091, Cl. 333-161.000.
Schmitz, Charles J., 4,491,774, Cl. 318-282.000.
Schroeder, Jack A.; and Winkler, Ernel R., 4,513,355, Cl. 361-403.000.
Schultz, Warren J.; and Saladin, Herbert A., 4,562,454, Cl. 357-51.000.
Segerson, Eugene E.; and Thomas, Floyd L., 4,533,209, Cl. 350-96.200.
Shanley, Charles W.; and Braun, William V., 4,501,018, Cl. 455-83.000.
Siwiak, Kazimierz, 4,516,127, Cl. 343-702.000.
Skutta, Frank R.; and Klaus, Thomas R., 4,545,072, Cl. 455-183.000.
Smith, Michael D., 4,496,858, Cl. 307-519.000.
Smith, Michael D.; Olesin, Andrew S.; and Whatley, Roger A., 4,504,747, Cl. 307-475.000.
Smith, Michael D.; and Whatley, Roger A., 4,516,082, Cl. 330-296.000.
Smith, Paul F.; Schorman, Eric; Burke, Timothy M.; and Lynk, Charles N., Jr., 4,553,263, Cl. 455-54.000.

- Smith, Paul F.; Schorman, Eric; Burke, Timothy M.; and Lynk, Charles N., Jr., 4,554,677, Cl. 455-54.000.
- Smith, Philip S.; and Gallup, Michael G., 4,525,851, Cl. 377-110.000.
- Smith, William R.; and Myers, Theodore R., 4,538,169, Cl. 357-76.000.
- Smoot, George W.; and Macnak, Philip P., 4,521,776, Cl. 340-825.440.
- Sood, Lal C., 4,520,465, Cl. 365-203.000.
- Sood, Lal C., 4,549,101, Cl. 307-443.000.
- Stengel, Robert E.; and Nejdl, Charles W., 4,494,100, Cl. 336-200.000.
- Stout, Roger P., 4,498,023, Cl. 310-14.000.
- Sturm, James E.; and Peterson, Colleen S., 4,527,330, Cl. 29-827.000.
- Suarez, Jose I.; Irwin, James S.; and Shepherd, Wayne P., 4,559,505, Cl. 331-1.00A.
- Thompson, Sharon E.; and Eastmond, Bruce C., 4,510,624, Cl. 455-223.000.
- Tobin, Philip J., 4,548,654, Cl. 148-1.500.
- Townsend, Greg M., 4,562,575, Cl. 371-9.000.
- Turney, William J., 4,516,083, Cl. 331-1.00A.
- Ulmer, Richard W.; and McKenzie, James A., 4,544,854, Cl. 307-576.000.
- Unger, John D., 4,546,329, Cl. 331-16.000.
- Utton, Charles G.; and Stratman, Bill D., 4,509,709, Cl. 244-118.100.
- Van Buren, Phillip D.; and Abt, Edgar J., 4,544,913, Cl. 340-347.00P.
- Vaughn, Herchel A.; and Someshwar, Ashok H., 4,519,033, Cl. 364-200.000.
- Vaughn, Herchel A., 4,539,489, Cl. 307-290.000.
- Vaughn, Herchel A., 4,554,467, Cl. 307-279.000.
- Victor, Alan M.; and Davis, Darrell E., 4,512,035, Cl. 455-165.000.
- Victor, Alan M.; and Davis, Darrell E., 4,551,856, Cl. 455-183.000.
- Vilmur, Richard J., 4,520,474, Cl. 370-24.000.
- Vyne, Robert L., 4,492,929, Cl. 330-253.000.
- Vyne, Robert L., 4,513,251, Cl. 330-292.000.
- Vyne, Robert L., 4,538,116, Cl. 330-271.000.
- Vyne, Robert L., 4,553,106, Cl. 330-272.000.
- Wagner, Carl M., 4,507,795, Cl. 375-95.000.
- Walczak, Thomas J.; Stone, Richard M.; and Cristiano, Gary M., 4,523,155, Cl. 330-279.000.
- Weber, Paul J., 4,491,972, Cl. 455-110.000.
- Welk, John R., 4,549,172, Cl. 340-703.000.
- Wells, Raymond C., 4,494,523, Cl. 125-16.00R.
- Wilhelm, Randy L., 4,542,381, Cl. 343-5.0CF.
- Wrathall, Robert S., 4,553,084, Cl. 323-316.000.
- Wurzburg, Henry, 4,511,851, Cl. 330-51.000.
- Yamada, Noriyuki, 4,531,173, Cl. 361-86.000.
- Yester, Francis R., Jr.; Gailus, Paul H.; and Louis, Edward V., 4,542,352, Cl. 331-96.000.
- Yim, Hyung J., 4,553,041, Cl. 307-252.00A.
- Ziegner, Bernhard A., 4,543,544, Cl. 333-34.000.

Motors & Armatures, Inc.: *See—*
- Chernoff, Edward A.; Lindtveit, Kirby M.; and Levy, Paul, 4,506,179, Cl. 310-91.000.

MotorTech, Inc.: *See—*
- Yunick, Henry, 4,503,833, Cl. 125-545.000.

Motosugi, Katsuhiko; and Sasaki, Yoshio, to Toyota Jidosha Kogyo Kabushiki Kaisha. Intake device of an internal combustion engine. 4,523,560, 6-18-85, Cl. 123-308.000.

Motosugi, Takanori; Sakai, Hisashi; and Iiyama, Kiyotaka, to Ricoh Company, Ltd. Thermosensitive recording material. 4,507,670, 3-26-85, Cl. 346-208.000.

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- Sakamoto, Hiroshi; Koseki, Yoshihiro; Motosugi, Takanori; and Inaba, Norihiko, 4,507,669, Cl. 346-207.000.

Motov, David L.; Tjurkina, Ljudmila P.; Godneva, Maria M.; Kolesnikova, Nina I.; Yakusheva, Galina G.; Ivanovich, Metelkin A., deceased; and by Fedorovna, Chibisova N., administrator. Leather tanning agent and process for making same. 4,504,271, 3-12-85, Cl. 8-94.250.

Motoyama, Akira: *See—*
- Aizawa, Koki; Takizawa, Yoshiyuki; Haeno, Akira; and Motoyama, Akira, 4,558,213, Cl. 250-214.00R.

Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, to Freund Industrial Co., Ltd. Process for the preparation of activated pharmaceutical compositions. 4,540,602, 9-10-85, Cl. 427-213.310.

Motoyama, Shimesu; Kurita, Kaora; Sakashita, Shizuka; Takei, Narimichi; and Ohno, Shigeru, to Freund Industrial Co., Ltd. Granulating and coating machine. 4,556,175, 12-3-85, Cl. 241-57.000.

Motoyama, Takeshi; Onishi, Toshiyuki; and Yokoyama, Kunio, to Tokyo Shibaura Denki Kabushiki Kaisha. Control device for a refrigerator. 4,499,738, 2-19-85, Cl. 62-155.000.

Motoyama, Takeshi: *See—*
- Mizobuchi, Norihiro; Furukawa, Keiji; and Motoyama, Takeshi, 4,513,581, Cl. 62-197.000.

Motrenec, Donald L. All terrain cycle with steering stabilizer. 4,558,878, 12-17-85, Cl. 280-272.000.

Motruk, John, to Hawaiian Motor Company. Earth-working tool head. 4,541,492, 9-17-85, Cl. 172-41.000.

Motsenbocker, Harold F. Target array. 4,550,918, 11-5-85, Cl. 273-385.000.

Mott, Daniel B. Tire presses. 4,491,165, 1-1-85, Cl. 157-1.330.

Mott, Donna: *See—*
- Halpern, Yuval; and Mott, Donna, 4,551,527, Cl. 544-214.000.

Mott, Donna M.: *See—*
- Halpern, Yuval; and Mott, Donna M., 4,491,644, Cl. 524-100.000.

Mott, George E.; and Levert, Frederick J., Jr., to Texaco Inc. Offshore structure incorporating a conductor deflecting system. 4,519,725, 5-28-85, Cl. 405-195.000.

Mott, James D., to Hydril Company. Pressure operated safety valve with lock means. 4,550,780, 11-5-85, Cl. 166-323.000.

Mott, Jonathan C. Racquets with protective bumper strip. 4,496,152, 1-29-85, Cl. 273-73.00C.

Mott, Ludwig: *See—*
- Waniczek, Helmut; Bartl, Herbert; Hohmann, Gerhard; and Mott, Ludwig, 4,522,965, Cl. 524-109.000.

Mott Metallurgical Corporation: *See—*
- Sekellick, Ron S., 4,552,669, Cl. 210-798.000.

Mott, Philip J., to Borg-Warner Corporation. Revised spline drive for metal belt CVT. 4,504,246, 3-12-85, Cl. 474-8.000.

Mott, Philip J.; and Gallaher, Kenneth R., to Borg-Warner Corporation. Precise pressure regulator for a variable output pump. 4,510,962, 4-16-85, Cl. 137-102.000.

Mott, Philip J., to Borg-Warner Corporation. Power transmission chain-belt. 4,516,963, 5-14-85, Cl. 474-245.000.

Mott, Philip J., to Borg-Warner Corporation. Power transmission chain-belt. 4,516,965, 5-14-85, Cl. 474-245.000.

Mott, Philip J., to Borg-Warner Corporation. Step control apparatus for a fluid motor. 4,517,877, 5-21-85, Cl. 91-48.000.

Mott, Richard A.: *See—*
- Carter, Neil A.; and Mott, Richard A., 4,490,955, Cl. 52-30.140.
- Legg, Wesley E.; Ault, Russell L.; Mott, Richard A.; and Leewood, Alan R., 4,553,364, Cl. 52-309.130.

Mott, Richard C., to Honeywell Inc. Pneumatic flow station. 4,550,616, 11-5-85, Cl. 73-861.740.

Motta, Gianni: *See—*
- Nardi, Dante; Motta, Gianni; Testa, Rodolfo; Graziani, Gabriele; and Casadio, Silvano, 4,507,308, Cl. 514-313.000.

Mottate, Tatsuo, to Nippon Thompson Co., Ltd. Return hole of a roller bearing for endless linear motion. 4,504,097, 3-12-85, Cl. 308-6.00C.

Mottate, Tatsuo, to Nippon Thompson Co., Ltd. Endless linear movement roller bearing. 4,511,189, 4-16-85, Cl. 308-6.00C.

Motte, Jean-Pierre; and Maurer, Ghislain, to Institut de Recherches de la Siderurgie Francaise; and Clecim. Direct-current electric-arc furnace and method of operating same. 4,549,301, 10-22-85, Cl. 373-108.000.

Motter Printing Press Co.: *See—*
- Dressler, Frederick K., 4,497,250, Cl. 101-350.000.
- Loebach, Michael H., 4,501,415, Cl. 270-60.000.
- Rahe, Thomas E., 4,534,552, Cl. 271-279.000.
- Reslow, Leif F.; Nieman, Mark D.; and Swagert, Dean R., 4,512,254, Cl. 101-157.000.

Mottershead, Frank R., to Cross Company, The. Mechanism for preloading bearings. 4,551,032, 11-5-85, Cl. 384-517.000.

Mottram, William R.; Fisher, Gene A.; and Feierabend, Louis, to Proto-Med, Inc. Method and apparatus for concentrating oxygen. 4,502,873, 3-5-85, Cl. 55-179.000.

Mottur, George P.; and Glass, Richard W., to Frito-Lay, Inc. Reduced calorie puffed snack food products. 4,517,204, 5-14-85, Cl. 426-94.000.

Mottus, Edward H., to Monsanto Company. Polymeric antitumor agent. 4,508,866, 4-2-85, Cl. 524-401.000.

Mottus, Edward H., to Monsanto Company. Terpolymeric antitumor agent. 4,510,285, 4-9-85, Cl. 524-401.000.

Mottus, Edward H., to Monsanto Company. Polymeric antitumor agent. 4,517,329, 5-14-85, Cl. 524-401.000.

Motycka, David L.: *See—*
- Fasano, Anthony; Roberts, John H.; and Motycka, David L., 4,534,216, Cl. 73-147.000.

Motycka, Jiri, to Imasco-CDC Research Foundation. High speed medical ventilator. 4,495,947, 1-29-85, Cl. 128-205.140.

Motyka, Jerry: *See—*
- Gavagan, James A.; and Motyka, Jerry, 4,552,319, Cl. 242-107.40A.

Motzer, Helmut, to Herion-Werke KG. Hydraulic control circuit for controlling and monitoring operating pressure in a hydraulic consumer device. 4,555,977, 12-3-85, Cl. 91-446.000.

Motzkau, Siegfried: *See—*
- Szelagowski, Peter; and Motzkau, Siegfried, 4,516,521, Cl. 118-50.000.

Mouche , Richard J.: *See—*
- Yeoman, Alan M.; and Mouche , Richard J., 4,535,622, Cl. 73-61.200.

Moufflet, Luc: *See—*
- Laurenceau, Serge; Moufflet, Luc; and Genies, Bernerd, 4,556,384, Cl. 431-160.000.

Mouftah, Hussein T., to Queen's University at Kingston. Microprocessor based digital to digital converting dataset. 4,509,164, 4-2-85, Cl. 370-29.000.

Mougin, Jacques: *See—*
- Schnedecker, Guy; and Mougin, Jacques, 4,518,635, Cl. 427-232.000.

Mougne, Marcel L., to Gearhart Industries, Inc. Earth formation porosity determination with dual epithermal neutron detector system. 4,506,156, 3-19-85, Cl. 250-266.000.

Mouilhayrat, Guy G.; Duchon, Paul A. J.; Guilbert, Jean M. A. M.; and Rolfo, Andre A., to Centre National d'Etudes Spatiales. Satellite on an equatorial orbit with improved solar means. 4,508,297, 4-2-85, Cl. 244-173.000.

Mouille , Bernhard; and Durand, Michel, to Compagnie Francaise de l'Azote Cofaz. Continuous process and equipment for the recovery of nitrogen oxides from nitrous gases. 4,521,390, 6-4-85, Cl. 423-239.000.
Mouille, Rene L., to Societe Nationale Industrielle et Aerospatiale. Helicopter rotor with articulation means integrated in the root of the blade. 4,504,193, 3-12-85, Cl. 416-140.000.
Mouille, Rene L.; and Leman, Jean-Luc M., to Societe Nationale Industrielle et Aerospatiale. Hub plate for a helicopter rotor, method of manufacturing it, and a helicopter rotor hub equipped with plates. 4,556,365, 12-3-85, Cl. 416-134.00A.
Moul, Robert A.; and Thelen, William, to AT&T Bell Laboratories. Shared data receiver. 4,542,504, 9-17-85, Cl. 370-100.000.
Moulden, Alan J.: *See—*
  Goddard, John; Mills, David; and Moulden, Alan J., 4,541,475, Cl. 164-65.000.
Moulder, John F.: *See—*
  Nowicki, Ronald S.; and Moulder, John F., 4,513,905, Cl. 228-123.000.
Moulding, Kenneth W., to U.S. Philips Corporation. "All-pass" filter circuit including an integrable band-pass filter circuit. 4,518,878, 5-21-85, Cl. 307-520.000.
Mouldmaking Design Centre Limited: *See—*
  Gahan, Geoffrey D., 4,498,860, Cl. 425-562.000.
Moulin, Blaise, to Caracteres S.A. Characters carrying print wheel disc for printing machine and method of manufacturing same. 4,521,124, 6-4-85, Cl. 400-144.200.
Moulin, Blaise: *See—*
  Bauer, Eric; and Moulin, Blaise, 4,542,999, Cl. 400-175.000.
Moulin, Maurice: *See—*
  Geffroy, Jean; Glachet, Charles; Moulin, Maurice; and Noel, Jean P., 4,491,717, Cl. 219-121.0LG.
Moulin, Michel; and Risse, Jean-Claude, to Autologic, S.A. Photocomposing apparatus and method. 4,553,825, 11-19-85, Cl. 354-5.000.
Moulin, Norbert L.; and Hartley, James T., to Hughes Aircraft Company. Contact alignment tube insertion/removal tool. 4,558,501, 12-17-85, Cl. 29-271.000.
Moulthrop, Lawrence C.: *See—*
  Balko, Edward N., and Moulthrop, Lawrence C., 4,533,455, Cl. 204-279.000.
Moulton, Alexander E., to Alex Moulton Limited. Bicycle frame. 4,540,190, 9-10-85, Cl. 280-278.000.
Moulton, Lee A. Electro pneumatic bed. 4,527,298, 7-9-85, Cl. 5-66.000.
Moulton, Robert K.: *See—*
  Hamstra, James R.; and Moulton, Robert K., 4,530,088, Cl. 370-110.100.
Mouncher, John: *See—*
  Hughes, John; and Mouncher, John, 4,535,204, Cl. 179-90.0BD.
Mounier, Claude: *See—*
  Badon, Aime ; Berthonnier, Jean-Yves; and Mounier, Claude, 4,562,319, Cl. 200-144.0AP.
Mount, Bruce E., to Perkin-Elmer Corporation, The. Acoustical wave flowmeter with increased density capability. 4,509,372, 4-9-85, Cl. 73-861.280.
Mount, Bruce E., to Perkin-Elmer Corporation, The. Method of making electrical connections to thin film coatings. 4,542,564, 9-24-85, Cl. 29-25.350.
Mount Carmel Research and Education Corporation: *See—*
  Toledo-Pereyra, Luis H., 4,502,295, Cl. 62-463.000.
Mount, Gordon L.; Bandukwalla, Phiroze; and Mulugeta, Jarso, to Carrier Corporation. Control apparatus for centrifugal compressor. 4,503,684, 3-12-85, Cl. 62-115.000.
Mount, Gordon L., to Carrier Corporation. Method and control system for protecting an electric motor driven compressor in a refrigeration system. 4,514,989, 5-7-85, Cl. 62-201.000.
Mount, Gordon L., to Carrier Corporation. Method and control system for verifying sensor operation in a refrigeration system. 4,535,598, 8-20-85, Cl. 62-126.000.
Mount, Gordon L., to Carrier Corporation. Method and control system for limiting the load placed on a refrigeration system upon a recycle start. 4,535,607, 8-20-85, Cl. 62-201.000.
Mount, Gordon L.; and Lavigne, William J., Jr., to Carrier Corporation. Method and control system for limiting compressor capacity in a refrigeration system upon a recycle start. 4,538,422, 9-3-85, Cl. 62-201.000.
Mount Isa Mines Limited: *See—*
  Cunningham, Jock B., 4,506,541, Cl. 73-32.00R.
  Denholm, William T.; Floyd, John M.; Errington, William J.; and Parry, Anthony N., 4,514,222, Cl. 75-77.000.
  Greenwood-Smith, Robin, 4,551,848, Cl. 378-045.000.
Mount, James: *See—*
  Piascinski, Joseph J.; Axelrod, Randolph H.; and Mount, James, 4,493,668, Cl. 445-40.000.
Mount Sinai School of Medicine, The: *See—*
  Ornstein, Leonard, 4,545,831, Cl. 156-57.000.
Mount, Wilbur S. Expansion chamber devices. 4,557,182, 12-10-85, Cl. 92-90.000.
Mountain, Peter J., to British Telecommunications. Digital transmission systems. 4,535,446, 8-13-85, Cl. 370-68.000.
Mountain Systems, Inc.: *See—*
  Caudill, Eddie T.; Caudill, Richard T.; and Conley, Lyle N., 4,518,826, Cl. 179-37.000.
Mountz, Craig E., to Ammco Tools, Inc. Vehicle lift rack and jack assembly. 4,491,194, 1-1-85, Cl. 187-8.430.
Mountz, Craig E., to Ammco Tools, Inc. Trolley. 4,491,201, 1-1-85, Cl. 188-42.000.
Moura, Michael; Gonsalves, Lenine; and Fain, Gilbert, to Kelmar Marine Inc. Personal ocean security system. 4,549,169, 10-22-85, Cl. 340-539.000.
Mouradian, William H., to Howmedica, Inc. Prosthetic nail. 4,503,847, 3-12-85, Cl. 128-92.0BC.
Mourao, Antonio M.; and Faist, Clifford H., to Texaco Inc. Diesel fuel containing rare earth metal and oxygenated compounds. 4,522,631, 6-11-85, Cl. 44-57.000.
Mourao, Antonio M., to Texaco Inc. Diesel oil containing monoalkoxylated nonyl phenol characterized by decrease in visible smoke in exhaust gases. 4,549,884, 10-29-85, Cl. 44-57.000.
Mouri, Akihiko; Tabuchi, Yoshinobu; Tsuda, Akira; Tsutsumi, Masahiro; and Ikeda, Kazushige, to Kubota, Ltd. Excavating vehicle. 4,552,503, 11-12-85, Cl. 414-687.000.
Mouri, Hideto; and Inoue, Nobuhiro, to Tachikawa Spring Co., Ltd. Reclining adjuster for car seat. 4,561,694, 12-31-85, Cl. 297-379.000.
Mouri, Masahide: *See—*
  Yamada, Koichi; Mouri, Masahide; and Nomura, Yoshisaburo, 4,562,040, Cl. 419-23.000.
Mouri, Masami; and Uemura, Fumio. Slip down-free socks with a garter. 4,502,158, 3-5-85, Cl. 2-240.000.
Mouri, Yasunori; Abe, Osamu; and Teragakiuchi, Akira, to Hitachi, Ltd. Electronic control method and apparatus for internal combustion engine. 4,532,593, 7-30-85, Cl. 364-431.110.
Mouri, Yasunori: *See—*
  Abe, Osamu; Mouri, Yasunori; and Sugiura, Noboru, 4,549,514, Cl. 123-425.000.
  Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, 4,523,284, Cl. 364-431.120.
Mourier, Georges, to Thomson-CSF. VHF radioelectric wave generator. 4,549,111, 10-22-85, Cl. 315-4.000.
Mourlevat, Jean: *See—*
  Cabrit, Philippe; Mourlevat, Jean; and de Saint-Palais, Jacques, 4,497,510, Cl. 285-18.000.
Mourou, Gerard; and Sizer, Theodore, II, to University of Rochester. Dye laser medium for subpicosecond laser pulse generation. 4,517,675, 5-14-85, Cl. 372-53.000.
Mourray, Jack W., to Ford Motor Company. Shock absorber with a hydro-mechanical stop. 4,527,674, 7-9-85, Cl. 188-284.000.
Mourrellone, Georges. Inking method and device for printing machine. 4,542,693, 9-24-85, Cl. 101-350.000.
Mouse Systems Corporation: *See—*
  Kirsch, Steven T., 4,546,347, Cl. 340-710.000.
Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, to Lantech, Inc. Feedback controlled stretch wrapping apparatus and process. 4,503,658, 3-12-85, Cl. 53-399.000.
Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, to Lantech, Inc. Feedback controlled stretch wrapping apparatus and process. 4,514,955, 5-7-85, Cl. 53-64.000.
Mouser, Donald D., to Horizon Sports, Inc. Basketball apparatus. 4,546,973, 10-15-85, Cl. 273-1.50R.
Moussa, Zaher M.: *See—*
  Miller, Arthur J.; and Moussa, Zaher M., 4,502,838, Cl. 415-202.000.
Moussaian, Gregoire G.: *See—*
  Vartoukian, Artin G.; and Moussaian, Gregoire G., 4,552,081, Cl. 112-258.000.
Moussie, Michel, to U.S. Philips Corporation. Programmable read only memory cell having an electrically destructible programmation element integrally formed with a junction diode. 4,494,135, 1-15-85, Cl. 357-59.000.
Moustakas, Steven: *See—*
  Witte, Hans-Hermann; and Moustakas, Steven, 4,491,942, Cl. 370-4.000.
Moustakas, Theodore D.; and Maruska, H. Paul, to Exxon Research & Engineering Co. Method for sputtering a PIN microcrystalline/amorphous silicon semiconductor device with the P and N-layers sputtered from boron and phosphorous heavily doped targets. 4,508,609, 4-2-85, Cl. 204-192.00S.
Moustakas, Theodore D.; and Maruska, H. Paul, to Exxon Research & Engineering Co. Method for sputtering a PIN amorphous silicon semi-conductor device having partially crystallized P and N-layers. 4,528,082, 7-9-85, Cl. 204-192.00S.
Moustakas, Theodore D., to Exxon Research & Engineering Co. Control of the hydrogen bonding in reactively sputtered amorphous silicon. 4,533,450, 8-6-85, Cl. 204-192.00S.
Moutai, Tsuneaki: *See—*
  Takaoka, Michio; Moutai, Tsuneaki; and Miura, Isao, 4,507,358, Cl. 428-298.000.
Mouterde, Pierre: *See—*
  Magat, Henri; and Mouterde, Pierre, 4,529,011, Cl. 139-65.000.
  Mutschler, Ulrich; Caparros, Pierre; Mouterde, Pierre; and Frappe, Pierre, 4,526,210, Cl. 139-59.000.
Mouton, Pierre C., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Device and process for monitoring cavitation in a positive displacement pump. 4,512,722, 4-23-85, Cl. 417-63.000.
Mouton, Pierre C., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Multiple chamber coaxial hydraulic jack and control system therefor. 4,531,451, 7-30-85, Cl. 92-108.000.
Moutonnier, Claude: *See—*
  Berger, Christian; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,508,717, Cl. 514-203.000.
  Berger, Christian; Farge, Daniel; Moutonnier, Claude; and Wolff, Gerard, 4,520,193, Cl. 544-016.000.

Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,496,560, Cl. 514-204.000.
Farge, Daniel; Roy, Pierre L.; Moutonnier, Claude; and Peyronel, Jean-Francois, 4,503,220, Cl. 544-16.000.
Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,526,962, Cl. 544-016.000.
Le Roy, Pierre; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,554,350, Cl. 544-22.000.

Moutou, Paul: *See—*
Hareng, Michel; and Moutou, Paul, 4,500,878, Cl. 340-713.000.

Moutrie, Michael F.; Sokola, Raymond L.; and Choi, Charles, to Motorola, Inc. Narrow bandwidth microstrip filter. 4,551,696, 11-5-85, Cl. 333-204.000.

Mouzin, Gilbert; Cousse, Henri; and Vilain, Pol, to Pierre Fabre S.A. Preparation of 3-amino-1-[(1,4-benzodioxan)-2-yl-methoxy]-2-propanols. 4,539,413, 9-3-85, Cl. 549-366.000.

Mouzin, Gilbert: *See—*
Cousse, Henri; Mouzin, Gilbert; Bonnaud, Bernard; Charveron, Marie; and Fauran, Francois, 4,507,318, Cl. 514-531.000.
Cousse, Henri; Mouzin, Gilbert; Tarayre, Jean-Pierre; and Rieu, Jean-Pierre, 4,510,142, Cl. 514-255.000.
Pitet, Guy; Cousse, Henri; and Mouzin, Gilbert, 4,511,566, Cl. 514-242.000.

Movshovitz, Avner; and Ityel, Amos, to AMCOR Ltd. Heat pumping system. 4,517,808, 5-21-85, Cl. 62-160.000.

Mowat, Donald J.; and Doman, H. Michael, to Midon Engineered Products, Inc. Motorized vehicles. 4,534,438, 8-13-85, Cl. 180-209.000.

Mowatt-Larssen, Erling, to General American Transportation Corporation. Molten sulfur tank car assembly. 4,515,189, 5-7-85, Cl. 141-11.000.

Mowatt-Larssen, Erling: *See—*
Davis, Edward L.; and Mowatt-Larssen, Erling, 4,513,795, Cl. 141-35.000.

Mowbray, Dorian F., to Lucas Industries Public Limited Company. Fuel system for multi-cylinder engine. 4,509,487, 4-9-85, Cl. 123-458.000.

Mowbray, Dorian F., to Lucas Industries Public Limited Company. Fuel system for compression ignition engine. 4,522,182, 6-11-85, Cl. 123-509.000.

Mowbray, Dorian F.; and Potter, James C., to Lucas Industries Inc. Reciprocable plunger fuel injection pump. 4,526,519, 7-2-85, Cl. 417-490.000.

Mowbray, Dorian F.: *See—*
Jarrett, Boaz A.; Fenne, Ivor; Lakin, David F.; and Mowbray, Dorian F., 4,501,244, Cl. 123-446.000.

Mowbray, Kenneth D.: *See—*
Pfaff, Ernest H.; Mowbray, Kenneth D.; and Pacholok, David R., 4,546,319, Cl. 324-460.000.

Mowdood, Syed K., to Goodyear Tire & Rubber Company, The. Rubber-metal adhesion promoters. 4,521,558, 6-4-85, Cl. 524-145.000.

Mower, Michael L.: *See—*
Packard, Gary R.; and Mower, Michael L., 4,508,203, Cl. 192-84.00C.

Mower, Morton M. Ski boot for concentrating a skier's weight on a ski edge. 4,543,738, 10-1-85, Cl. 36-117.000.

Mower, Morton M., to Mirowski, Mieczyslaw. Method and apparatus for correcting abnormal cardiac activity by low energy shocks. 4,559,946, 12-24-85, Cl. 128-419.00D.

Mowill, Rolf J., to A/S Kongsberg Vapenfabrikk. Dual-entry centrifugal compressor. 4,530,639, 7-23-85, Cl. 415-98.000.

Mowill, Rolf J.: *See—*
Stroem, Sigmunn; and Mowill, Rolf J., 4,549,847, Cl. 415-182.000.

Mowry, Donald E., to Don Mowry Flexo Parts, Inc. Conversion belt and stop plate assembly for upstacking corrugated box machinery. 4,522,617, 6-11-85, Cl. 493-126.000.

Mowry, Donald E., to Don Mowry Flexo Parts, Inc. Corrugated box machine. 4,547,183, 10-15-85, Cl. 493-182.000.

Mowry, Donald E., to Don Mowry Flexo Parts, Inc. Corrugated box machine glue apparatus. 4,551,124, 11-5-85, Cl. 493-128.000.

Mowry, Gregory S; and George, Peter K., to Magnetic Peripherals Inc. Magnetoresistive head. 4,535,375, 8-13-85, Cl. 360-113.000.

Mows, Wolfgang: *See—*
Dulken, Hartmut; Kassel, Karlheinz; Mows, Wolfgang; and Walsdorfer, Hubert, 4,513,072, Cl. 430-57.000.

Moxon, Edwin C., to Stypher Corporation. Chassis for electronic circuitry. 4,503,484, 3-5-85, Cl. 361-395.000.

Moxon, Edwin C., to Stypher Corporation. Apparatus for decoding video address code signals. 4,516,164, 5-7-85, Cl. 360-53.000.

Moy, Alexander, to Beltone Electronics Corporation. Electrical film resistor. 4,551,607, 11-5-85, Cl. 219-121.0LJ.

Moy, Debbie: *See—*
Gaffar, Abdul; Davis, Calvin B.; Donohue, John J.; and Moy, Debbie, 4,537,765, Cl. 424-53.000.

Moy, Harold: *See—*
Braun, Derrek E.; Lau, Daniel T.; and Moy, Harold, 4,521,712, Cl. 310-339.000.

Moy, Timothy Y., to Ashland Oil, Inc. Vapor generator and its use in generating vapors in a pressurized gas. 4,540,531, 9-10-85, Cl. 261-141.000.

Moya, Edward J., to Avery International Corporation. Air shuttle label dispenser. 4,556,443, 12-3-85, Cl. 156-356.000.

Moyer, Harold W., to AT&T Bell Laboratories. Solder preform stabilization for lead frames. 4,504,427, 3-12-85, Cl. 264-25.000.

Moyer, James T.: *See—*
Jackowski, Stefan P.; and Moyer, James T., 4,561,094, Cl. 371-24.000.

Moyer, John A.: *See—*
Stack, Gary P.; and Moyer, John A., 4,539,407, Cl. 546-87.000.

Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, to Exxon Production Research Co. Method and apparatus for detecting flaws in the threaded end of an elongate member using electromagnetic excitation and an automated scanning sensor. 4,503,393, 3-5-85, Cl. 324-235.000.

Moyer, Mark C., to Exxon Production Research Co. Inspection apparatus for electromagnetically detecting flaws in the wall of a pipe. 4,510,447, 4-9-85, Cl. 324-225.000.

Moyer, Maynard M.: *See—*
Beard, Frederick H.; Moyer, Maynard M.; and Smith, Clarence, Jr., 4,516,307, Cl. 29-564.000.

Moyer, Robert C., to Barber-Colman Company. Ventilation control system. 4,497,242, 2-5-85, Cl. 98-115.300.

Moyer, Robert D., to United States of America, Energy. Peak power ratio generator. 4,546,313, 10-8-85, Cl. 324-103.00P.

Moyer, Ted A.: *See—*
Sucro, Jost S.; Moyer, Ted A.; and Shufflebarger, William S., 4,520,689, Cl. 74-595.000.

Moyer, Wendell W.: *See—*
van Konynenburg, Peter H.; Lyons, Bernard J.; Smith-Johannsen, Robert; and Moyer, Wendell W., 4,534,889, Cl. 252-511.000.

Moyer, William C.: *See—*
MacGregor, Douglas B.; Moyer, William C.; Mills, Marvin A., Jr.; and Zolnowsky, John E., 4,493,035, Cl. 364-200.000.
Mills, Marvin A., Jr.; Moyer, William C.; MacGregor, Douglas B.; and Zolnowsky, John E., 4,524,415, Cl. 364-200.000.

Moyers, Thomas E., to United States of America, Army. Image tube IR illuminator indicator. 4,544,844, 10-1-85, Cl. 250-330.000.

Moyher, George C., to Burndy Corporation. Apparatus and method for installing electrical connectors on flat conductor cable. 4,490,904, 1-1-85, Cl. 29-864.000.

Moyle, Ronald W.: *See—*
Andrews, William H.; Milne, David J.; Moyle, Ronald W.; and Peters, James P., 4,548,795, Cl. 423-126.000.

Moyle, William R.: *See—*
Canfield, Robert E.; Ehrlich, Paul H.; and Moyle, William R., 4,514,505, Cl. 436-500.000.

Moynagh, Eugene E., Jr.; and Jansky, Donald J., to Minnesota Mining and Manufacturing Company. Resilient circuit board contact. 4,533,204, 8-6-85, Cl. 339-221.00R.

Moynihan, John T., to American Newspaper Publishers Association. Offset printing ink. 4,519,841, 5-28-85, Cl. 106-27.000.

Moynihan, John T., to American Newspaper Publishers Association. Letterpress printing ink. 4,554,019, 11-19-85, Cl. 106-27.000.

Mozdzen, Edward C., to Phillips Petroleum Company. Hydrogenation of phenols. 4,503,273, 3-5-85, Cl. 568-816.000.

Mozena, John D. Cleated shoes. 4,527,344, 7-9-85, Cl. 36-126.000.

Mozer, Larry P.; and Morgan, Bill T., to Phillips Petroleum Company. Plastic molding apparatus. 4,496,301, 1-29-85, Cl. 425-532.000.

Mozes, Andras: *See—*
Mehes, Ferenc; and Mozes, Andras, 4,501,153, Cl. 73-803.000.

Mozley, Robert M., to Continental Disc Corporation. Method for forming rupture disc. 4,512,171, 4-23-85, Cl. 72-55.000.

Mozsary, Peter G. Osteocorrective dentoalveolar implant system. 4,552,532, 11-12-85, Cl. 433-173.000.

MPR Corporation: *See—*
Chung, Yun H.; and Chung, Dennis E., 4,545,180, Cl. 53-456.000.

Mrenna, Stephen A.; Thomas, Glenn R.; and Haugh, Charles E., to Westinghouse Electric Corp. Molded case circuit breaker apparatus having trip bar with flexible armature interconnection. 4,503,408, 3-5-85, Cl. 335-35.000.

Mross, Wolf D.; Schwarzmann, Matthias; Plueckhan, Juergen; and Dehler, Juergen, to BASF Aktiengesellschaft. Process for regenerating silver-containing carrier catalysts for the preparation of ethylene oxide. 4,529,714, 7-16-85, Cl. 502-25.000.

Mross, Wolf D.; Schwarzmann, Matthias; Plueckhan, Juergen; and Dehler, Juergen, to BASF Aktiengesellschaft. Regeneration of the Al_2O_3 carrier material of spent Ag/Al_2O_3 supported catalysts. 4,530,910, 7-23-85, Cl. 502-24.000.

Mross, Wolf D.: *See—*
Hoelderich, Wolfgang; Mross, Wolf D.; and Schwarzmann, Matthias, 4,503,281, Cl. 585-640.000.
Hoelderich, Wolfgang; Mross, Wolf D.; and Schwarzmann, Matthias, 4,554,142, Cl. 423-277.000.
Hoelderich, Wolfgang; Merger, Franz; Mross, Wolf D.; and Fouquet, Gerd, 4,560,822, Cl. 585-606.000.

Mrotzek, Dieter: *See—*
Redeker, Detmar; and Mrotzek, Dieter, 4,496,340, Cl. 494-29.000.

Mrotzek, Herbert: *See—*
Paersch, Michael; Mrotzek, Herbert; Haukelt, Helmut; and Schreckenberg, Heinz-Wilhelm, 4,501,593, Cl. 44-23.000.

Mroz, Andrzej; and Wronski, Stanislaw, to Politechnika Warszawska. Apparatus for dynamic classification of suspensions of solid bodies in liquids. 4,551,242, 11-5-85, Cl. 209-211.000.

Mroz, Edward, to Verbatim Corporation. Flexible magnetic memory disk with metallic hub and method of manufacturing same. 4,562,505, 12-31-85, Cl. 360-135.000.

Mrozik, Helmut H., to Merck & Co., Inc. Avermectin epoxide derivatives and method of use. 4,530,921, 7-23-85, Cl. 514-30.000.

Mrozik, Helmut H.; and Waksmunski, Frank S., to Merck & Co., Inc. C-8A-oxo-avermectin and milbemycin derivatives, pharmaceutical compositions and method of use. 4,547,491, 10-15-85, Cl. 514-30.000.
Mrozik, Helmut H., to Merck & Co., Inc. Processes for the interconversion of C-076 compounds. 4,550,160, 10-29-85, Cl. 536-7.100.
Mruk, Norbert J.: *See—*
  Vaughan, Raymond C.; DiSabito, David M.; Mruk, Norbert J.; and Eddy, Arthur R., Jr., 4,559,950, Cl. 128-641.000.
Mruk, William J.: *See—*
  Bialas, John S., Jr.; Daniels, Richard J.; and Mruk, William J., 4,547,682, Cl. 307-297.000.
M'Sadoques, Andre J.; and Sabatella, Robert J., to General Electric Company. Retainer for molded case circuit breakers. 4,557,047, 12-10-85, Cl. 29-854.000.
Msarsa, Johnnie. Small animal protective garment. 4,527,991, 7-9-85, Cl. 604-399.000.
MSI Electronics Inc.: *See—*
  Shulman, Carl, 4,521,730, Cl. 324-158.00F.
MSK-Verpackungs-Systeme Gesellschaft mit beschrankter Haftung: *See—*
  Hannen, Rainer W., 4,496,310, Cl. 431-350.000.
  Hannen, Reiner W., 4,548,578, Cl. 431-350.000.
MSL Industries, Inc.: *See—*
  Plunkett, Larry E., 4,554,491, Cl. 318-254.000.
MSP, Inc.: *See—*
  Przewalski, Zygmunt J., 4,542,703, Cl. 110-246.000.
MSW Corporation: *See—*
  Sassak, Frank, 4,528,740, Cl. 29-516.000.
Mt. Sinai Medical Center of Greater Miami: *See—*
  Varga, Sandor I.; Dougherty, Richard L.; Dandy, Donny C.; and Thomas, Willie J., 4,511,158, Cl. 280-292.000.
MTA Kozponti Kemiai Kutato Intezet: *See—*
  Kardos, Julianna; Maksay, Gabor; and Simonyi, Miklos, 4,528,131, Cl. 260-112.00R.
MTD Products Inc.: *See—*
  Ballard, Louis F., 4,524,632, Cl. 74-471.00R.
MTS Systems Corporation: *See—*
  Andersen, Dennis H., 4,531,901, Cl. 425-150.000.
  Brovold, Thomas E., 4,503,888, Cl. 137-625.650.
  Christiansen, John A., 4,537,080, Cl. 73-857.000.
  Clark, Allen J.; and Maue, Dale N., 4,537,077, Cl. 73-665.000.
  Haeg, Steven R.; and LaCroix, Michael G., 4,527,416, Cl. 73-11.000.
  Langer, William J., 4,496,279, Cl. 414-735.000.
  Meline, Harry R., 4,491,021, Cl. 73-767.000.
  Meline, Harry R., 4,527,335, Cl. 33-147.00D.
  Meline, Harry R., 4,528,542, Cl. 338-2.000.
  Meline, Harry R.; and Meyer, Richard A., 4,537,082, Cl. 73-794.000.
  Meyer, Richard A.; and Meline, Harry R., 4,507,871, Cl. 33-148.00D.
  Petersen, Paul S., 4,501,139, Cl. 73-118.000.
  Petersen, Paul S., 4,509,910, Cl. 425-451.900.
MTU Motoren-und Turbinen-Union Friedrichshafen GmbH: *See—*
  Deutschmann, Herbert; and Dinger, Hans, 4,534,324, Cl. 123-90.220.
  Deutschmann, Herbert; and Wolters, Gerd-Michael, 4,550,568, Cl. 60-612.000.
  Dinger, Hans; and Klotz, Helmut, 4,548,039, Cl. 60-606.000.
  Haussmann, Gerhard; and Kamleitner, Ewald, 4,557,111, Cl. 60-600.000.
  Kamleitner, Ewald, 4,513,724, Cl. 123-500.000.
  Kamleitner, Ewald, 4,548,182, Cl. 123-501.000.
  Schier, Karl; and Wolters, Gerd-Michael, 4,538,584, Cl. 123-559.000.
  van Rinsum, Cornelis, 4,506,635, Cl. 123-90.220.
MTU Motoren-und Turbinen-Union GmbH: *See—*
  Huther, Werner, 4,548,125, Cl. 92-187.000.
MTU Motoren-und Turbinen-Union Munchen GmbH: *See—*
  Betz, Wolfgang; and Huther, Werner, 4,539,231, Cl. 427-255.000.
  Breitmoser, Georg; and Vogel, Wilhelm, 4,491,557, Cl. 419-5.000.
  Breitmoser, Georg; and Vogel, Wilhelm, 4,552,209, Cl. 165-133.000.
  Dinger, Hans; Holzhauer, Hilbert; and Lang, Erberhard, 4,522,358, Cl. 244-110.00B.
  Doell, Hermann, 4,511,016, Cl. 184-6.110.
  Fitzer, Erich; Brennfleck, Karl; and Schlichting, Jurgen, deceased, 4,540,606, Cl. 427-247.000.
  Greune, Christian; and Kummeke, Heinrich, 4,522,025, Cl. 60-39.150.
  Greune, Christian; and Holzhauer, Hilbert, 4,543,783, Cl. 60-226.200.
  Groess, Helmut; and Graeml, Horst, deceased, 4,505,639, Cl. 416-97.00R.
  Hagemeister, Klaus, 4,512,069, Cl. 29-156.80B.
  Hagemeister, Klaus, 4,515,305, Cl. 228-173.200.
  Huther, Werner, 4,500,482, Cl. 264-65.000.
  Huther, Werner; and Rossmann, Axel, 4,511,612, Cl. 428-36.000.
  Kruger, Wolfgang, 4,518,315, Cl. 416-241.00B.
  Kunz, Werner; and Voigt, Walter, 4,491,759, Cl. 310-328.000.
  Muller, Michael; and Mautner, Dietmar, 4,508,955, Cl. 219-146.210.
  Rager, Konrad, 4,529,493, Cl. 204-224.00M.
  Rossmann, Axel; and Huether, Werner, 4,492,522, Cl. 416-241.00R.
  Rossmann, Axel, 4,512,719, Cl. 416-241.00B.
  Rossmann, Axel; and Merz, Herbert, 4,536,127, Cl. 415-174.000.
  Schmidt, Werner; and Jahn, Franz, 4,509,673, Cl. 228-212.000.
  Schweikl, Ludwig; and Krauss, Olaf, 4,545,791, Cl. 55-182.000.
  Schweikl, Ludwig; Weiss, Horst; and Sippel, Friedrich, 4,552,509, Cl. 415-135.000.
  Thoma, Martin, 4,551,434, Cl. 436-5.000.
  Zimmermann, Horst; and Lorenz, Joachim, 4,560,172, Cl. 277-3.000.
MU, Inc.: *See—*
  Staab, Donald C.; and Farley, Clayton E., 4,516,808, Cl. 299-39.000.
Muacevic, Gojko: *See—*
  Mentrup, Anton; Schromm, Kurt; Renth, Ernst-Otto; Muacevic, Gojko; and Fugner, Armin, 4,558,061, Cl. 514-392.000.
Muad, Al-Madhi, to TMC Corporation. Holding mechanism, in particular for ski bindings. 4,512,698, 4-23-85, Cl. 411-337.000.
MuAddi, Farid: *See—*
  Harkins, Desira; and MuAddi, Farid, 4,553,687, Cl. 225-93.000.
Mualem, Charles W. Wall spacer. 4,545,164, 10-8-85, Cl. 52-404.000.
Muanyagipari Kutato Intezet: *See—*
  Kecskemethy, Geza; Kovacsay, Istvan; and Magdanyi, Laszlo, 4,522,963, Cl. 523-510.000.
Mucaro, Salvatore A.; and Tilbor, Neil, to CBS Inc. Vehicle jump for a toy vehicle game. 4,513,966, 4-30-85, Cl. 273-68.00B.
Muccitelli, John A., to Betz Laboratories, Inc. Hydroquinone catalyzed oxygen scavenger and methods of use thereof. 4,541,932, 9-17-85, Cl. 210-750.000.
Muccitelli, John A., to Betz Laboratories, Inc. Method of utilizing improved stability oxygen scavenger compositions. 4,549,968, 10-29-85, Cl. 210-750.000.
Mucelli, Aldo, to Metarplastic S.p.A. Folding ladder. 4,560,030, 12-24-85, Cl. 182-118.000.
Mucenieks, Paul R.: *See—*
  Beacham, Harry H.; and Mucenieks, Paul R., 4,552,687, Cl. 252-500.000.
Much, Joachim: *See—*
  Arenhovel, Clemens; Much, Joachim; Onallah, Ali-Maher; and Schmidt, Volkmar, 4,547,142, Cl. 425-378.00R.
  Cornils, Boy; Hibbel, Josef; Lieder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner, 4,523,036, Cl. 568-454.000.
Mucha, Basil, to Teleflex Incorporated. Remotely controllable vent door. 4,517,765, 5-21-85, Cl. 49-3.000.
Mucha, Franz: *See—*
  Habelt, Gernard; and Mucha, Franz, 4,491,854, Cl. 346-136.000.
  Habelt, Gerhard; and Mucha, Franz, 4,496,257, Cl. 400-578.000.
Mucha, George M.: *See—*
  Pfaffmann, George D.; and Mucha, George M., 4,531,987, Cl. 148-150.000.
Mucha, John A.: *See—*
  Cook, Joel M.; Donnelly, Vincent M.; Flamm, Daniel L.; Ibbotson, Dale E.; and Mucha, John A., 4,498,953, Cl. 156-646.000.
Muchel, Franz; and Strahle, Fritz, to Carl-Zeiss-Stiftung. Stereomicroscope. 4,518,231, 5-21-85, Cl. 350-516.000.
Muchel, Franz, to Carl-Zeiss-Stiftung. Optical system of variable focal and back-focal length. 4,525,042, 6-25-85, Cl. 350-519.000.
Muchel, Franz: *See—*
  Lang, Walter; Muller, Dieter; Muchel, Franz; Wanner, Roland; and Niesel, Peter, 4,523,821, Cl. 351-214.000.
Mucheyer, Norbert; and Schmidt, Hubertus, to Mannesmann Rexroth GmbH. Force measuring apparatus mounted on tractor including Hall sensor detecting deformation of flex rod to control tractor power hoist. 4,497,375, 2-5-85, Cl. 172-10.000.
Mucheyer, Norbert; and Kauss, Wolfgang, to Mannesmann Rexroth GmbH. Apparatus for adjusting the position of an adjustable element. 4,510,847, 4-16-85, Cl. 91-461.000.
Mucheyer, Norbert; and Schulte, Heinz, to Mannesmann Rexroth GmbH. Pressure container for two hydraulic circuits. 4,518,010, 5-21-85, Cl. 137-587.000.
Mucheyer, Norbert; and Schulte, Heinz, to Mannesmann Rexroth GmbH. Pressure-fluid operated limit switch. 4,524,945, 6-25-85, Cl. 251-75.000.
Mucheyer, Norbert: *See—*
  Schmidt, Hubertus; and Mucheyer, Norbert, 4,506,859, Cl. 251-63.000.
Muchi, Tsuneo: *See—*
  Igarashi, Kimizo; Takigawa, Katsumi; Muchi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio, 4,526,601, Cl. 65-59.100.
  Ohkoshi, Akio; Ueno, Kiichi; Muchi, Tsuneo; Masatoki, Tamihaura; and Michiba, Isamu, 4,529,905, Cl. 313-35.000.
Muchisky, Thomas P.; and Young, James V. Portable adjustable body tilt board. 4,550,901, 11-5-85, Cl. 269-328.000.
Muchow, John D., to Hydril Company. Drilling choke valve. 4,531,545, 7-30-85, Cl. 137-625.390.
Muchow, John D., to Hydril Company. Valve body for multiple valve insert packages. 4,558,716, 12-17-85, Cl. 137-269.000.
Muchowski, Joseph M.; and Guzman, Angel, to Syntex (U.S.A.) Inc. Imidazolidinone prostaglandins, compositions and use. 4,496,577, 1-29-85, Cl. 514-392.000.
Muchowski, Joseph M.; and Greenhouse, Robert, to Syntex (U.S.A.) Inc. 5-benzoyl-1,2-dihydro-3H-pyrrolo[1,2-a]pyrrole-1-carboxylic acids and pharmaceutical use thereof. 4,505,927, 3-19-85, Cl. 514-413.000.
Muchowski, Joseph M.; and Guzman, Angel, to Syntex (U.S.A.) Inc. Thiazolidin-2-one analogs. 4,532,138, 7-30-85, Cl. 514-369.000.
Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R. ±2-[phenethyl]-5-[(3,4-methylenedioxy)-α-

hydroxybenzyl]pyrrolidine antihypertensives and use thereas. 4,543,361, 9-24-85, Cl. 514-422.000.

Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., to Syntex (U.S.A.) Inc. +2-[(3,4-methylenediox)phenethyl]-5-[(3-carboxamido-4-hydroxy)-αhydroxybenzyl]pyrrolidines. 4,548,949, 10-22-85, Cl. 514-422.000.

Muchowski, Joseph M.; and Ackrell, Jack, to Syntex (U.S.A.) Inc. Hypotensive benzoxathiole pyrrolidines. 4,548,951, 10-22-85, Cl. 514-522.000.

Muchowski, Joseph M.; and Unger, Stefan H., to Syntex (U.S.A.) Inc. 5-(4-vinylbenzoyl)-1,2-dihydro-3H-pyrrolo-[1,2-a]-pyrrole-1-carboxylic acids and derivatives thereof and use as analgesics and anti-inflammatories. 4,560,699, 12-24-85, Cl. 514-413.000.

Muck, Jack E., to AccuSpray, Inc. Supply/shut-off valve. 4,530,469, 7-23-85, Cl. 239-569.000.

Muck, Jack E., to AccuSpray, Inc. Spray nozzle. 4,531,675, 7-30-85, Cl. 239-290.000.

Muck, Karl-Friedrich: *See—*
- Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, 4,504,670, Cl. 549-347.000.

Muckley, James J.: *See—*
- Lindstrom, Gerald D.; Eckhart, Clifford F.; Farthing, George A., Jr.; Muckley, James J.; and Taylor, Brian E., 4,519,322, Cl. 110-264.000.

Mucsy, Endre; and Hoos, Kazmer. Stand-by electrical supply source. 4,525,661, 6-25-85, Cl. 322-4.000.

Mud Hog Corporation: *See—*
- Eden, Brent E., 4,554,991, Cl. 180-243.000.

Mudde, John P., to CPC International Inc. Hot-water dispersible corn starch having high paste viscosity. 4,508,576, 4-2-85, Cl. 106-213.000.

Mudde, Leo M., to U.S. Philips Corporation. High-voltage supply for an X-ray generator. 4,545,005, 10-1-85, Cl. 363-68.000.

Muders, Rolf: *See—*
- Brandt, Horst; Gehrke, Gunter; Muders, Rolf; Otten, Hans-Gunter; and Wiegner, Dieter, 4,523,926, Cl. 8-639.000.
- Horak, Otto; Falkenberg, Werner; Muders, Rolf; and Beinert, Werner, 4,525,283, Cl. 210-762.000.

Mudge, Ronald K.: *See—*
- Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.

Mudge, Trevor N.: *See—*
- Lougheed, Robert M.; and Mudge, Trevor N., 4,510,616, Cl. 382-8.000.

Muehl, Herman D. Tank valve apparatus. 4,555,041, 11-26-85, Cl. 220-204.000.

Muehling, Anthony A. Continuous loop flexible saw. 4,524,519, 6-25-85, Cl. 30-382.000.

Muellenheim, Thomas; and Nilius, Hans-Joachim, to Vacuumschmelze GmbH. System for the elimination of radio interference and method for its manufacture. 4,543,554, 9-24-85, Cl. 336-83.000.

Mueller, Bruce M.; and Swierczek, Zbignew, to Owens-Illinois, Inc. Container closure. 4,552,279, 11-12-85, Cl. 215-318.000.

Mueller, Carl J.; and Haefner, John S., to Emerson Electric Co. Direct ignition gas burner control system. 4,518,345, 5-21-85, Cl. 431-24.000.

Mueller, Carl J. Printer stand. 4,544,065, 10-1-85, Cl. 211-13.000.

Mueller, Christoph. Unitary resilient bearing support. 4,524,482, 6-25-85, Cl. 16-44.000.

Mueller, Christoph. Device for detachably fixing objects. 4,557,456, 12-10-85, Cl. 248-499.000.

Mueller, Claus D.: *See—*
- Binnig, Fritz; Mueller, Claus D.; Raschack, Manfred; and von Philipsborn, Gerda, 4,556,662, Cl. 514-300.000.

Mueller Co.: *See—*
- Daghe, Joseph L.; and Sands, Robert E., 4,506,694, Cl. 137-218.000.
- Daghe, Joseph L.; Sands, Robert E.; and Humes, Dennis W., 4,523,607, Cl. 137-218.000.
- Daghe, Joseph L.; and Sands, Robert E., 4,553,563, Cl. 137-494.000.
- Daghe, Joseph L.; Humes, Dennis W.; and Stanley, Mervin D., 4,554,944, Cl. 137-296.000.

Mueller, Dale A., to Honeywell Inc. Furnace control apparatus having a circulator failure detection circuit for a downflow furnace. 4,502,625, 3-5-85, Cl. 236-11.000.

Mueller, Dale E.; and Snider, Joel M., to Whirlpool Corporation. Three piece snubber for automatic washer. 4,533,126, 8-6-85, Cl. 267-141.000.

Mueller, David C.: *See—*
- Meyers, George; and Mueller, David C., 4,503,975, Cl. 206-486.000.

Mueller, Edward E.; and Jensen, Paul L., to Whirl-Air-Flow Corporation. Apparatus and method for calcining sand. 4,518,350, 5-21-85, Cl. 432-13.000.

Mueller, Erwin, to Siemens Aktiengesellschaft. Electro-magnetic relay. 4,492,942, 1-8-85, Cl. 335-202.000.

Mueller, Francis X., Jr.: *See—*
- Johnson, Timothy W.; and Mueller, Francis X., Jr., 4,529,769, Cl. 524-425.000.

Mueller, Franz-Josef: *See—*
- Schuster, Ludwig; Mueller, Franz-Josef; Anderlohr, Axel; Blei, Peter; Eigenberger, Gerhart; Hoppner, Bernd; Kaibel, Gerd; and Steiner, Wolfgang, 4,517,391, Cl. 568-885.000.

Mueller, Gerald E., to Minnesota Mining and Manufacturing Company. Transparent container for electrostatic sensitive electronic components. 4,553,190, 11-12-85, Cl. 361-212.000.

Mueller, Gerhard: *See—*
- Lechtken, Peter; Mueller, Gerhard; and Schmieder, Klaus, 4,515,982, Cl. 560-125.000.

Mueller-Glaser, Klaus: *See—*
- Fuchs, Peter; Mueller-Glaser, Klaus; Schuett, Dieter; and Wach, Wolfgang, 4,534,008, Cl. 364-716.000.

Mueller, Guenter: *See—*
- Rieber, Norbert; Hellbach, Hans; Hunziker, Gerhard; and Mueller, Guenter, 4,491,674, Cl. 568-357.000.

Mueller, Hans J., to Appleton Papers Inc. Adjustable air knife. 4,524,716, 6-25-85, Cl. 118-665.000.

Mueller, Hans R.: *See—*
- Bux, Werner K.; Keller, Heinrich J.; and Mueller, Hans R., 4,510,493, Cl. 340-825.050.

Mueller, Harald; and Schwerdt, Friedrich, to International Business Machines Corporation. Method of renewing defective copper conductors on the external planes of multilayer circuit boards. 4,540,464, 9-10-85, Cl. 156-639.000.

Mueller, Helmut: *See—*
- Blum, Rainer; Buensch, Hellmut; Druschke, Wolfgang; and Mueller, Helmut, 4,543,393, Cl. 525-124.000.

Mueller, Herbert; and Voges, Dieter, to BASF Aktiengesellschaft. Preparation of 3-hydroxytetrahydrofuran. 4,539,415, 9-3-85, Cl. 549-475.000.

Mueller, Jakob, to Textilma AG. Strap fabric and method of and machine for manufacturing the strap fabric. 4,502,513, 3-5-85, Cl. 139-383.00R.

Mueller, Josef; Wiersdorff, Walter-Wielant; Kirschenlohr, Werner; and Schwantje, Gerd, to BASF Aktiengesellschaft. Preparation of o-acylphenols and p-acylphenols. 4,508,924, 4-2-85, Cl. 568-322.000.

Mueller, Karl F.; and Heiber, Sonia J., to Ciba-Geigy Corporation. Crosslinked, porous polymers for controlled drug delivery. 4,548,990, 10-22-85, Cl. 525-123.000.

Mueller, Karl F.: *See—*
- Kaschig, Jurgen; Kleiner, Eduard K.; Mueller, Karl F.; and Cooke, Thomas W., 4,515,640, Cl. 106-287.250.

Mueller, Kurt; and Wirz, Armin, to Rieter Machine Works, Ltd. Heatable godet and a method of heating a godet. 4,497,626, 2-5-85, Cl. 432-9.000.

Mueller, Leonard E., to Mueller, Leonard E.; and Brown, Carl R. Rolling vehicle. 4,505,346, 3-19-85, Cl. 180-7.400.

Mueller, Martin, to Osgood Industries, Inc. Method and apparatus for internally cutting a tube of material. 4,521,264, 6-4-85, Cl. 156-184.000.

Mueller, Norbert: *See—*
- Steck, Werner; Kovacs, Jenoe; Mueller, Norbert; and Jakusch, Helmut, 4,495,246, Cl. 428-403.000.

Mueller, Peter; Ury, Michael G.; and Wood, Charles H., to Fusion Systems Corporation. Deep UV lamp bulb. 4,501,993, 2-26-85, Cl. 315-248.000.

Mueller, Peter F.; and Caulfield, H. John, to Aerodyne Research, Inc. Method for writing holograms. 4,510,575, 4-9-85, Cl. 364-518.000.

Mueller, Richard: *See—*
- Denzinger, Walter; Hartmann, Heinrich; Trieselt, Wolfgang; Mueller, Richard; Diessel, Paul; and Hettche, Albert, 4,559,159, Cl. 252-174.240.

Mueller, Richard A.; and Partis, Richard A., to G. D. Searle & Co. Protease inhibitors. 4,499,295, 2-12-85, Cl. 560-53.000.

Mueller, Richard A.; and Partis, Richard A., to G. D. Searle & Co. [Halo-4-(4,5-dihydro-4,4-dimethyl-2-oxazolyl)-phenyl]octadecan-ols and -ones. 4,501,895, 2-26-85, Cl. 548-239.000.

Mueller, Richard A.; and Partis, Richard A., to G. D. Searle & Co. Protease inhibitors. 4,551,279, 11-5-85, Cl. 260-404.000.

Mueller, Richard A., to G. D. Searle & Co. 8-chlorodibenz[b,f][1,4]oxazepine-10(11H)-carboxylic acid, 2-(sulfinyl- and sulfonyl-containing acyl)hydrazides. 4,559,336, 12-17-85, Cl. 514-211.000.

Mueller, Richard A., to G. D. Searle & Co. 8-chlorodibenz[b,f][1,4]oxazepine-10(11H)-carboxylic acid, 2-(alkoxy-containing acyl)hydrazides. 4,559,337, 12-17-85, Cl. 514-211.000.

Mueller, Richard J.; and Chow, Edmund E., to Reed Industries, Inc. Electronic control circuits for electrically conductive liquids/solids. 4,545,505, 10-8-85, Cl. 222-65.000.

Mueller, Richard J.: *See—*
- Sedam, Jason K.; Mueller, Richard J.; and Holoubek, Andrew J., 4,493,441, Cl. 222-129.100.

Mueller, Robert S., to Eaton Corporation. Variable speed accessory drive. 4,526,257, 7-2-85, Cl. 192-48.200.

Mueller Steam Specialty, A Division of Core Industries, Inc.: *See—*
- Desai, Ashvin D.; and Bujack, Alvin, 4,496,463, Cl. 210-341.000.

Mueller, Walter B., to W. R. Grace & Co., Cryovac Div. Linear polyethylene shrink films. 4,532,189, 7-30-85, Cl. 428-516.000.

Mueller, Warren B.; and Jones, Jesse D., to Ethyl Corporation. Thermoplastic PVC molding compositions containing a phosphite compound. 4,506,049, 3-19-85, Cl. 524-139.000.

Mueller, Warren B., to Ethyl Corporation. Polyphosphazene compounding process. 4,535,095, 8-13-85, Cl. 521-89.000.

Mueller, Warren B., to Ethyl Corporation. Polyphosphazene foam process. 4,536,520, 8-20-85, Cl. 521-89.000.

Mueller, Warren B. Coal composition. 4,541,833, 9-17-85, Cl. 44-16.00R.

Mueller, Warren E.: *See—*
- Seaburg, Paul A.; and Mueller, Warren E., 4,522,005, Cl. 52-544.000.

Mueller, Wayne A.; and Schuette, Scott D., to HEI, Inc. Cordless digital graphics input device. 4,550,250, 10-29-85, Cl. 250-203.00R.

Mueller, Wolfgang F.: *See—*
- Hambrecht, Juergen; Brandstetter, Franz; Ziegler, Walter; Mueller, Wolfgang F.; Bronstert, Klaus; and Echte, Adolf, 4,526,927, Cl. 525-68.000.

Muelling, Duane D.: *See—*
- Emmett, David P.; Muelling, Duane D.; and Willett, Ronald J., 4,552,015, Cl. 73-113.000.

Muellner, James M.; and Pastien, Eugene R., to Smarte Carte, Inc. Cart conveyor and dispenser apparatus. 4,518,072, 5-21-85, Cl. 194-4.00D.

Muellner, William C., to Perkin-Elmer Corporation, The. Variable gain amplifier. 4,494,212, 1-15-85, Cl. 364-571.000.

Muench, Frank J., Jr.; and Makal, John M., to RTE Corporation. Dual voltage switch. 4,532,386, 7-30-85, Cl. 200-11.0TC.

Muench, Volker: *See--*
- Blinne, Gerd; and Muench, Volker, 4,551,493, Cl. 524-89.000.
- Naarmann, Herbert; Muench, Volker; Kohler, Gernot; and Simak, Petr, 4,518,535, Cl. 260-438.100.

Muench, Wayne C.: *See—*
- Louks, David H.; Thompson, Leonard R.; and Muench, Wayne C., 4,547,597, Cl. 568-779.000.

Muenster, Rolf: *See—*
- Rapp, Gunther; Thomas, Erwin; Muenster, Rolf; Caffall, Brodus E.; Cyr, Philip A.; and Jones, Thomas M., 4,491,567, Cl. 423-387.000.

Muenzebrock, Anton: *See—*
- Hasselmann, Heinz; and Muenzebrock, Anton, 4,500,969, Cl. 364-508.000.

Muenzel, Wolf-Dietrich: *See—*
- Andres, Rudolf; Grantz, Helmut; Muenzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,550,774, Cl. 165-104.210.

Muenzner, Wulf: *See—*
- Fitterer, Horst; Roos, Roland; Muenzner, Wulf; Balz, Werner; and Berger, Heinz, 4,557,433, Cl. 242-187.000.

Mues, Volker: *See—*
- Forster, Heinz; Hofer, Wolfgang; Mues, Volker; Eue, Ludwig; and Schmidt, Robert R., 4,509,971, Cl. 71-90.000.

Muesch, Herbert: *See—*
- Liepmann, Hans; Ruhland, Michael; Muesch, Herbert; Benson, Werner; Heinemann, Henning; and Zeugner, Horst, 4,508,716, Cl. 514-220.000.
- Zeugner, Horst; Ruhland, Michael; Liepmann, Hans; Milkowski, Wolfgang; and Muesch, Herbert, 4,505,908, Cl. 514-221.000.

Muesse, Milton J.: *See—*
- Duval, Henry H.; Kennedy, Donald; and Muesse, Milton J., 4,511,283, Cl. 404-107.000.

Muething, Kevin A., to AT&T Technologies, Inc. CVD process. 4,518,455, 5-21-85, Cl. 156-613.000.

Muething, Kevin A.: *See—*
- Jerde, Leslie G.; Lory, Earl R.; Muething, Kevin A.; and Tsou, Len Y., 4,491,499, Cl. 156-626.000.

Muetzel, Wolfgang: *See—*
- Pfeiffer, Heinrich; Muetzel, Wolfgang; and Speck, Ulrich, 4,547,357, Cl. 424-5.000.

Mugford, Bernadette. Child's overshoe. 4,538,368, 9-3-85, Cl. 36-112.000.

Mugford, David B.; and Guidicianne, Sidney J. Weight device for athletic racket. 4,538,812, 9-3-85, Cl. 273-73.00R.

Mugglestone, Peter; and Cline, John, to Thomson Industries, Inc. Linear bearing. 4,527,840, 7-9-85, Cl. 308-6.00C.

Muggli, Jurg; and Guttinger, Heinz, to Cerberus AG. Smoke detector with a radiation source operated in a pulse-like or intermittent mode. 4,506,161, 3-19-85, Cl. 250-574.000.

Muggli, Jurg; and Gruber, Peter, to Cerberus AG. Optical smoke detector with sensitivity adjustment. 4,524,281, 6-18-85, Cl. 250-574.000.

Muggli, Jurg; and Labhart, Martin, to Cerberus AG. Smoke detector operating according to the radiation extinction principle. 4,547,675, 10-15-85, Cl. 250-565.000.

Muggli, Jurg; Guttinger, Heinz; and Horvath, Zoltan, to Cerberus AG. Optical smoke detector with contamination detection circuitry. 4,555,634, 11-26-85, Cl. 250-565.000.

Muggli, Jurg; and Labhart, Martin, to Cerberus AG. Smoke detector with a radiation source operated in a pulse-like or intermittent mode. 4,559,453, 12-17-85, Cl. 250-565.000.

Mughal, Ahmed S.; and Holmes, David S., to John Wyeth & Brother Limited. Slow release pharmaceutical composition. 4,524,060, 6-18-85, Cl. 424-19.000.

Mughal, Ahmed S., to John Wyeth & Brother Limited. Oxaprozin calcium salt pharmaceutical compositions. 4,532,253, 7-30-85, Cl. 514-374.000.

Mugiya, Hiroshi: *See—*
- Takagi, Masayuki; Mugiya, Hiroshi; and Komaju, Shigeru, 4,538,102, Cl. 323-349.000.

Mugnai, Giorgio, to W. R. Grace & Co. Packing process. 4,541,224, 9-17-85, Cl. 531-434.000.

Muhl, Andrew H. Flow controlled electrode type liquid heater. 4,493,973, 1-15-85, Cl. 219-286.000.

Muhl, Bradley G. Beverage display shelving. 4,553,486, 11-19-85, Cl. 108-108.000.

Muhl, Reinhold: *See—*
- Bohlen, Harald; Engelke, Helmut; Greschner, Johann; Muhl, Reinhold; Nehmiz, Peter; and Trumpp, Hans J., 4,513,203, Cl. 250-491.100.

Muhlbauer, Ernst. Device and method for mixing liquid and powdery components, particularly for dental purposes. 4,537,303, 8-27-85, Cl. 206-219.000.

Muhlbauer, Klemens: *See—*
- Ermer, Wolfgang; and Muhlbauer, Klemens, 4,539,972, Cl. 125-16.00R.

Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, to Bayerische Motoren Werke AG. Service-interval display for motor vehicle and circuit for a display of this type. 4,523,283, 6-11-85, Cl. 364-431.010.

Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, to Bayerische Motoren Werke Aktiengesellschaft. Service-interval display for motor vehicles. 4,533,900, 8-6-85, Cl. 340-52.00R.

Muhlberger, Horst; Prinz, Bruno; Wunder, Wolf; Schafer, Ulrich; and Bognar, Josef, to Muhlberger, Horst. Cast iron with spheroidal graphite and austenitic-bainitic mixed structure. 4,541,878, 9-17-85, Cl. 148-139.000.

Muhlbock, Franz: *See—*
- Pross, Wilhelm; Barry, Jurgen; Muhlbock, Franz; and Hartmann, Klaus, 4,492,462, Cl. 356-39.000.

Muhle, Herbert: *See—*
- Brich, Zdenek; and Muhle, Herbert, 4,515,950, Cl. 546-67.000.

Muhle, Mike E.; Stolz, Richard J.; and Wright, Cecil W., to Exxon Research & Engineering Co. Finishing of rotational molding grade resin. 4,508,859, 4-2-85, Cl. 523-346.000.

Muhle, Mike E.; Stolz, Richard J.; and Wright, Cecil W., to Exxon Research & Engineering Co. Method of finishing thermoplastic granules. 4,510,271, 4-9-85, Cl. 523-346.000.

Muhlemann, Hans R.; and Saxer, Ulrich P., to Lever Brothers Company. Oral compositions for hexetidine and zinc salts for the synergistic inhibition of dental plaque. 4,522,806, 6-11-85, Cl. 424-52.000.

Muhlenbeck, Josef: *See—*
- Schudlich, Kurt; Vielstich, Gunter; Muhlenbeck, Josef; Otto, Josef; Bauer, Hannsgeorg; Zollner, Dieter H.; and Rittmann, Friedrich, 4,518,365, Cl. 445-67.000.

Muhlfeld, Hans P., Jr.: *See—*
- Graf, Matthew C.; Muhlfeld, Hans P., Jr.; and Valentine, Edward H., 4,517,661, Cl. 364-900.000.

Muhlfelder, James L.: *See—*
- Miller, Richard E.; and Muhlfelder, James L., 4,529,200, Cl. 273-60.00B.

Muhlhofer, Ernst: *See—*
- Griesshammer, Rudolf; Koppl, Franz; Lang, Winfried; Muhlhofer, Ernst; and Schwab, Michael, 4,515,762, Cl. 423-337.000.

Muhlratzer, August: *See—*
- Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August, 4,510,182, Cl. 427-162.000.
- Erben, Edwin; Muhlratzer, August; Bertinger, Roland; Cornils, Boy; Tihanyi, Bela; and DeWin, Werner, 4,551,328, Cl. 423-607.000.

Muhn, Robert A.: *See—*
- Loubier, Robert J.; and Muhn, Robert A., 4,512,354, Cl. 132-91.000.

Muhs, Harvey P., Jr.; and Watson, Charles K. Slot antenna with face mounted baffle. 4,499,474, 2-12-85, Cl. 343-771.000.

Mui, Shou Y., to United States of America, Army. Pseudo-random convolutional interleaving. 4,547,887, 10-15-85, Cl. 375-1.000.

Muir, Catherine A.: *See—*
- Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.

Muir, Colin W. A., to Johannesburg Consolidated Investment Company Limited. Treating cyanide-containing effluents. 4,548,718, 10-22-85, Cl. 210-719.000.

Muir, Colin W. A.; and Hendriks, Leonard P., to Johannesburg Consolidated Investment Company Limited. Leaching refractory gold ores. 4,559,209, 12-17-85, Cl. 423-30.000.

Muir, Earl B.: *See—*
- Elson, John P.; Muir, Earl B.; and Riffe, Delmar R., 4,518,323, Cl. 417-312.000.

Muir, Francis: *See—*
- Ergas, Raymond A.; and Muir, Francis, 4,543,632, Cl. 364-421.000.

Muir, James, to Mentor Dynamics Limited. Method of securing a lining to a substrate. 4,528,783, 7-16-85, Cl. 52-573.000.

Muir, Ron; and Blokhuis, William, to Witco Chemical Corporation. High performance calcium borate modified overbased calcium sulfonate complex greases. 4,560,489, 12-24-85, Cl. 252-33.400.

Muir, Ronald C.: *See—*
- Fulghum, Donald R.; and Muir, Ronald C., 4,561,643, Cl. 269-43.000.

Muirhead, Robert C., Jr.; and Shaver, Donald L., to Lfy Partners Limited. Genetic factor capable of altering leaf number and distribution in maize. 4,513,532, 4-30-85, Cl. 47-58.000.

Muise, Herbert D., to Weyerhaeuser Company. Tray with partitions formed from sidewalls. 4,526,315, 7-2-85, Cl. 229-27.000.

Mukae, Makito; and Oshima, Tsuginori, to Bridgestone Tire Company Limited. Method of and apparatus for transferring annular articles from one stage to another. 4,553,894, 11-19-85, Cl. 414-331.000.

Mukae, Toshiyuki; and Azuma, Yoshifumi, to Noritsu Kenkyu Center Co. Ltd. Negative film carrier for a disc film. 4,521,105, 6-4-85, Cl. 355-64.000.

Mukai, Hiromu; Karasaki, Toshihiko; and Kawamura, Kunio, to Minolta Camera Kabushiki Kaisha. Focus condition detecting device for cameras. 4,552,445, 11-12-85, Cl. 354-406.000.

Mukai, Hiromu: *See—*
- Karasaki, Toshihiko; Mukai, Hiromu; and Kawamura, Kunio, 4,529,287, Cl. 354-406.000.

Kawamura, Kunio; Mukai, Hiromu; and Karasaki, Toshihiko, 4,526,458, Cl. 354-406.000.
Mukai, Junji: *See—*
  Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000.
Mukai, Kunio: *See—*
  Yamada, Yoshimi; Ooishi, Tadashi; Kato, Toshiro; and Mukai, Kunio, 4,507,284, Cl. 514-140.000.
Mukai, Nakashiro: *See—*
  Igarashi, Takashi; Mukai, Nakashiro; and Otsuki, Haruki, 4,538,475, Cl. 74-368.000.
Mukai, Nobuhiro: *See—*
  Kishida, Kazuo; Sasaki, Isao; Mukai, Nobuhiro; and Asai, Hajime, 4,510,024, Cl. 204-59.00R.
  Kishida, Kazuo; Sasaki, Isao; and Mukai, Nobuhiro, 4,546,145, Cl. 524-780.000.
Mukai, Ryoichi, to Fujitsu Limited. Process for producing single crystalline semiconductor island on insulator. 4,543,133, 9-24-85, Cl. 148-1.500.
Mukai, Ryoichi, to Fujitsu Limited. Process for fabricating a semiconductor device. 4,551,907. 11-12-85, Cl. 29-571.000.
Mukai, Ryuichi: *See—*
  Ueda, Toshio; Kato, Tadashi; Mukai, Ryuichi; and Harada, Susumu, 4,559,391, Cl. 525-366.000.
Mukai, Tadashi: *See—*
  Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.
Mukai, Takamitsu: *See—*
  Kato, Kimio; Kobayashi, Hisao; Mukai, Takamitsu; Kono, Hiroya; and Yamamoto, Taku, 4,522,567, Cl. 417-270.000.
  Nakayama, Shozo; Mukai, Takamitsu; Ohno, Makoto; and Inagaki, Mitsukane, 4,519,119, Cl. 29-156.50R.
Mukai, Yasuo; and Takazawa, Yosuke, to Victor Company of Japan, Ltd. Magnetic recording media comprising a reaction product of a specific type of fluorine resin and a curing polymer material as a binder in the magnetic layer thereof. 4,526,836, 7-2-85, Cl. 428-421.000.
Mukaida, Yoshito: *See—*
  Yamamoto, Nobuyuki; Mukaida, Yoshito; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,548,873, Cl. 428-695.000.
Mukainakano, Masato: *See—*
  Takamizawa, Masae; Kan, Shigenobu; and Mukainakano, Masato, 4,538,401, Cl. 56-11.800.
Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, to Nippondenso Co., Ltd.; and Nippon Soken, Inc. Ignition system for engine. 4,523,552, 6-18-85, Cl. 123-143.00B.
Mukaiyama, Fumiaki, to Kabushiki Kaisha Suwa Seikosha. FSK Demodulator employing a switched capacitor filter and period counters. 4,517,519, 5-14-85, Cl. 329-126.000.
Mukaiyama, Fumiaki: *See—*
  Takeda, Koji; Akahane, Masao; Mukaiyama, Fumiaki; and Kudo, Yasuhiko, 4,551,846, Cl. 375-82.000.
Mukaiyama, Megumi: *See—*
  Kudo, Shiro; and Mukaiyama, Megumi, 4,504,514, Cl. 426-634.000.
Mukaizaka, Akira: *See—*
  Mishima, Akio; Okuda, Yoshiro; Harada, Tosiharu; Mukaizaka, Akira; and Imai, Tomoyuki, 4,514,216, Cl. 75-0.5AA.
Mukamal, Harold: *See—*
  Ashlock, L. T.; Mukamal, Harold; and White, William H., 4,500,669, Cl. 524-440.000.
  Ashlock, Lysander T.; Mukamal, Harold; and White, William H., 4,540,634, Cl. 428-451.000.
Mukasa, Koichi: *See—*
  Shimada, Yutaka; Mukasa, Koichi; Hatanai, Takashi; and Nakashima, Keishi, 4,557,769, Cl. 148-31.550.
Mukerjee, Ajit K.; Kearns, Patrick J.; and Rieman, Davis J., to BOC Group, Inc., The. Dual vessel heat exchange systems. 4,545,134, 10-8-85, Cl. 34-27.000.
Mukerji, Sushim, to Du Pont de Nemours, E. I., and Company. Rotating seal for continuous flow centrifuge. 4,502,699, 3-5-85, Cl. 277-74.000.
Mukherjee, Arabinda: *See—*
  Evans, Dain S.; Georgiou, George A.; Mossman, Peter; Mukherjee, Arabinda; and Whiscombe, John B., 4,548,466, Cl. 350-96.200.
Mukoh, Akio: *See—*
  Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, 4,495,083, Cl. 252-299.100.
  Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,528,113, Cl. 252-299.100.
  Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
Mukohyama, Hideaki; Hiraoka, Ryoichi; Ushijima, Shohachi; and Saito, Motoyasu, to Kohjin Co., Ltd. Process for preparing carboxymethyl ethyl cellulose suitable for enteric coating. 4,547,571, 10-15-85, Cl. 536-90.000.
Mukoo, Akio: *See—*
  Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,507,221, Cl. 252-299.100.
Mukoyama, Yoshiyuki; Hirai, Osamu; and Aoyama, Tetsuya, to Hitachi Chemical Company, Ltd. Liquid chromatographic column packing material. 4,505,818, 3-19-85, Cl. 210-502.100.
Mukoyama, Yoshiyuki; Sakata, Touichi; and Osada, Yuichi, to Hitachi Chemical Company, Ltd. Polyamide-imide resin composition. 4,530,975, 7-23-85, Cl. 525-423.000.
Mukoyama, Yoshiyuki: *See—*
  Nishizawa, Hiroshi; and Mukoyama, Yoshiyuki, 4,497,944, Cl. 528-49.000.
  Nishizawa, Hiroshi; Mukoyama, Yoshiyuki; Kasai, Shozo; and Okada, Yasunori, 4,505,980, Cl. 428-383.000.
Mukunoki, Yasuo: *See—*
  Kamio, Takayoshi; Ohga, Kunihiko; and Mukunoki, Yasuo, 4,547,459, Cl. 430-631.000.
  Takahashi, Osamu; Yamamura, Nobuo; Mukunoki, Yasuo; Ogawa, Shungi; and Nakagawa, Yutaka, 4,500,362, Cl. 106-309.000.
Mulac, Anthony J.: *See—*
  Eisenhawer, Stephen; Mulac, Anthony J.; Donaldson, A. Burl; and Fox, Ronald L., 4,498,542, Cl. 166-303.000.
Mulach, Arthur; and Calfo, Raymond, to Westinghouse Electric Corp. Apparatus for preventing overflux damage to stator cores. 4,494,030, 1-15-85, Cl. 310-256.000.
Mularie, William M., to Vac-Tec Systems, Inc. Method and apparatus for evaporation arc stabilization for permeable targets. 4,559,121, 12-17-85, Cl. 204-192.00R.
Mularie, William M., to Vac-Tec Systems, Inc. Apparatus for evaporation arc stabilization during the initial clean-up of an arc target. 4,559,125, 12-17-85, Cl. 204-298.000.
Mularie, William M.: *See—*
  Bendson, Steven A.; and Mularie, William M., 4,520,413, Cl. 360-113.000.
Mulawski, Walter J., to Sexton Can Company, Inc. Pressure relief device for internally pressurized fluid container. 4,513,874, 4-30-85, Cl. 220-89.00A.
Mulcahy, Harry W.; Garivaltis, Dimitris; Karbowniczek, Stanley; and Kaufhold, Horst T., to AMSTED Industries Incorporated. Primary suspension for railroad car truck. 4,552,074, 11-12-85, Cl. 105-224.100.
Mulcahy, Harry W., to AMSTED Industries Incorporated. Single axle suspension system for railroad vehicle. 4,561,360, 12-31-85, Cl. 105-199.00S.
Mulcahy, Joseph A., to J. Mulcahy Enterprises Incorporated. Induction furnace. 4,499,583, 2-12-85, Cl. 373-161.000.
Mulcahy, Joseph A., to J. Mulcahy Enterprises Incorporated. Vacuum treating steels. 4,512,799, 4-23-85, Cl. 75-49.000.
Mulcahy, Joseph A., to J. Mulcahy Enterprises Incorporated. Continuous casting of steel. 4,522,249, 6-11-85, Cl. 164-466.000.
Mulcahy, Kieran, to Loctite (Ireland) Limited. Heating/cooling coil sealing. 4,521,453, 6-4-85, Cl. 427-140.000.
Mulch, Herbert: *See—*
  Schlapp, Werner; and Mulch, Herbert, 4,548,471, Cl. 350-255.000.
Mulder, Albertus J., to Shell Oil Company. Process for preparing oxabicycloalkane compounds. 4,554,365, 11-19-85, Cl. 549-463.000.
Mulder, Berend J.; and van Heusden, Sybrandus, to U.S. Philips Corporation. Method of producing a low-pressure mercury vapor discharge lamp. 4,539,508, 9-3-85, Cl. 313-546.000.
Mulder, Berend J.; and van Heusden, Sybrandus, to U.S. Philips Corporation. Method of manufacturing a low-pressure mercury vapor discharge lamp and low-pressure mercury vapor discharge lamp manufactured by this method. 4,541,811, 9-17-85, Cl. 445-26.000.
Mulder, Douglas C., to Nordson Corporation. Apparatus for transferring powder from bulk drums. 4,505,623, 3-19-85, Cl. 406-114.000.
Mulder, Douglas C., to Nordson Corporation. Powder spray gun and powder spray method. 4,543,274, 9-24-85, Cl. 427-197.000.
Mulder, Douglas C.; and O'Ryan, David E., to Nordson Corporation. Method and apparatus for powder coating a moving web. 4,561,380, 12-31-85, Cl. 118-688.000.
Mulder, Jurgen; and Gutmann, Pedro, to Metallgesellschaft Aktiengesellschaft. Continuous process of removing silica from spent pulping liquors. 4,504,356, 3-12-85, Cl. 162-29.000.
Mulder, Thomas J.: *See—*
  De Vita, Joseph P.; Mulder, Thomas J.; O'Mohundro, Kenneth J.; Wellington, Leslie J.; Deeter, Wayne R.; and Sternaman, Larry D., 4,547,880, Cl. 370-91.000.
Mulders, Gerardus L. M.; and Hermans, Jacobus G. J. M., to Bitumarin B.V. Method and machine for the layered placing of core material and of the adjacent transitional material for dams. 4,508,471, 4-2-85, Cl. 405-109.000.
Mulders, Joannes M. C. A.: *See—*
  Corvers, Antonius; and Mulders, Joannes M. C. A., 4,542,220, Cl. 546-341.000.
Mulhaupt, Bruno: *See—*
  Kubr, Vaclav; Mulhaupt, Bruno; and Paschedag, Hansjoachim, 4,493,768, Cl. 210-360.200.
  Oertle, Jakob; and Mulhaupt, Bruno, 4,519,899, Cl. 208-179.000.
  Paschedag, Hansjoachim; Mulhaupt, Bruno; and Kubr, Vaclav, 4,493,769, Cl. 210-360.200.
Mulhaus, Ludwig: *See—*
  Buxel, Ludwig M.; and Mulhaus, Ludwig, 4,537,571, Cl. 432-27.000.
Mulhauser, Paul J.; Spranger, Douglas M.; Brookes, Malcolm J.; and Kirk, Karl D., III, to Richard-Allan Medical Industries, Inc. Surgical stapler construction. 4,558,810, 12-17-85, Cl. 227-19.000.
Mulhern, Louise J. Privacy screen module. 4,516,620, 5-14-85, Cl. 160-351.000.

Mull, J. C., Jr.: *See—*
- Cerveny, Leonard W.; Bonham, Christopher; Mull, J. C., Jr.; and Shellman, Jon V., 4,526,285, Cl. 220-7.000.

Mullally, Charles J.; Brown, Steven L.; Anderson, David L.; and Hitchcock, Robert F., to Sealed Power Corporation. Accumulator-dehydrator assembly for an air conditioning system. 4,509,340, 4-9-85, Cl. 62-503.000.

Mullaly, Maxine M. Wheel chair restraint. 4,509,797, 4-9-85, Cl. 297-466.000.

Mullan, Noel A.: *See—*
- Newsome, Peter M.; and Mullan, Noel A., 4,520,014, Cl. 424-153.000.
- Newsome, Peter M.; Mullan, Noel A.; and Marshall, John P., 4,539,319, Cl. 514-222.000.

Mullane, William E.: *See—*
- Challenger, Richard; and Mullane, William E., 4,528,057, Cl. 156-273.700.
- Lund, David L.; Majumdar, Senajit J.; Mullane, William E.; and Krivanek, Louis, 4,523,068, Cl. 219-10.530.

Mullane, William I., Jr., to Procter & Gamble Company, The. Apparatus for uniformly debossing and aperturing a resilient plastic web. 4,509,908, 4-9-85, Cl. 425-290.000.

Mullani, Nizar A., to Clayton Foundation for Research. Three-dimensional time-of-flight positron emission camera system. 4,559,597, 12-17-85, Cl. 364-414.000.

Mullen, Charles K.; Shepherd, Gary D.; Fernandez, Ramon B.; and Bergren, Kenneth B., to Hitco. Method of purifying partially carbonized pan material prior to carbonization. 4,507,272, 3-26-85, Cl. 423-447.400.

Mullen, George B.: *See—*
- Georgiev, Vassil S.; and Mullen, George B., 4,549,014, Cl. 544-71.000.

Mullen, John T.: *See—*
- Underwood, Stephen C.; and Mullen, John T., 4,561,480, Cl. 150-49.000.

Mullen, Philip G.: *See—*
- Agrawal, Anil K.; Mullen, Philip G.; and Vadakan, Vivatvong V., 4,493,021, Cl. 364-200.000.

Mullenberg, Ralph. Clamping device. 4,557,621, 12-10-85, Cl. 403-16.000.

Mullenix, Kenneth E.: *See—*
- Troy, Seymour; and Mullenix, Kenneth E., 4,494,197, Cl. 364-412.000.

Muller, A. Bromley, to Becton, Dickinson and Company. Shunt valve and method of use. 4,553,956, 11-19-85, Cl. 604-9.000.

Muller, Achim: *See—*
- Kraemling, Franz; Muller, Achim; Linden, Ludwig; and Raedisch, Helmer, 4,556,600, Cl. 428-216.000.

Muller, Adam. Clear tobacco aroma oil, a process for obtaining it from a tobacco extract, and its use. 4,506,682, 3-26-85, Cl. 131-297.000.

Muller, Alexander, to Arntz-Optibelt KG. Toothed belt drives. 4,509,936, 4-9-85, Cl. 474-148.000.

Muller, Alexander: *See—*
- Boyd, John H., Jr.; and Muller, Alexander, 4,540,921, Cl. 318-254.000.

Muller, Alf; Schobbe, Hermann; Loper, Bernd; and Binnewies, Hartmut, to Daimler-Benz Aktiengesellschaft. Disc wheel with ventilation passages. 4,533,184, 8-6-85, Cl. 301-63.00R.

Muller, Alfred; Schaller, Dieter; and Schwab, Manfred, to Robert Bosch GmbH. Method of controlling downshift after braking in automatic transmissions of motor vehicles. 4,501,170, 2-26-85, Cl. 74-866.000.

Muller, Alfred; and Schwab, Manfred, to Robert Bosch GmbH. Control of the shift points of an automatic transmission for temporary acceleration increase. 4,501,171, 2-26-85, Cl. 74-866.000.

Muller, Alfred; and Seiffert, Harry, to BBC Brown, Boveri & Company, Limited. Drive and mounting for an open-end spinning unit. 4,543,780, 10-1-85, Cl. 57-406.000.

Muller, Anton; Konig, Hubert; and Herdeg, Karl, to Eisen- und Drahtwerk Erlau Aktiengesellschaft. Tensioning device, especially for lashing chains. 4,525,900, 7-2-85, Cl. 24-68.0CT.

Muller, Anton; Konig, Hubert; and Wolfbeis, Ludwig, to Eisen- und Drahtwerk Erlau Aktiengesellschaft. Tire chain. 4,542,779, 9-24-85, Cl. 152-213.00A.

Muller, Arno, to Pitney Bowes Inc. Electronic postage meter having a switching power supply employing integrated circuit timer. 4,559,592, 12-17-85, Cl. 363-21.000.

Muller, Arno: *See—*
- McFiggans, Robert B.; and Muller, Arno, 4,507,744, Cl. 364-708.000.

Muller, Beat, to Ciba-Geigy Corporation. N-(hydroxypolyoxaalkylene)phtalimides and succinimides and acrylate esters thereof. 4,532,332, 7-30-85, Cl. 548-473.000.

Muller, Bernard; Piat, Rene; Rensing, Cornelis; and Trajin, Jean-Paul, to Hoffmann-La Roche Inc. Process for preparing β' form of copper 8-hydroxyquinoline. 4,517,362, 5-14-85, Cl. 546-7.000.

Muller, Bernard L.: *See—*
- Schulte-Elte, Karl-Heinrich; and Muller, Bernard L., 4,525,298, Cl. 252-522.00R.
- Schulte-Elte, Karl-Heinrich; Snowden, Roger L.; and Muller, Bernard L., 4,543,431, Cl. 568-826.000.

Muller, Bernd: *See—*
- Boehlke, Horst R. E.; Loschen, Gerriet K. H.; Michel, Gudrun E.; and Muller, Bernd, 4,510,323, Cl. 514-530.000.

Muller, Bernhard: *See—*
- Gevatter, Hans-Jurgen; Muller, Bernhard; and Neese, Hans-Joachim, 4,521,257, Cl. 148-11.50Q.

Muller, Berthold, to Michael Horauf Maschinenfabrik GmbH & Co. KG. Paper container for hot liquids and method and apparatus for making same. 4,560,063, 12-24-85, Cl. 229-5.500.

Muller, Christina: *See—*
- Fuchs, Wilfried; Richter, Horst; Kober, Roland; Kaufmann, Vendelin; and Muller, Christina, 4,519,997, Cl. 423-265.000.
- Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Muller, Christina; Kober, Roland; and Renker, Wolfgang, 4,532,068, Cl. 252-188.280.

Muller, Claus D.: *See—*
- Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.

Muller, Dieter: *See—*
- Groth, Rolf; and Muller, Dieter, 4,497,700, Cl. 204-192.00P.
- Lang, Walter; Muller, Dieter; Muchel, Franz; Wanner, Roland; and Niesel, Peter, 4,523,821, Cl. 351-214.000.
- Ziemek, Gerhard; Schatz, Friedrich; Muller, Dieter; and Rowell, Douglas W., 4,506,135, Cl. 219-107.000.

Muller, Dietmar; Schubert, Hiltmar; and Krohnert, Rudolf, to Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V. Apparatus for dewatering and plastifying mixtures for the manufacture of explosives. 4,493,630, 1-15-85, Cl. 425-203.000.

Muller, Dietmar, to Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V. Process and apparatus for producing single- or multi-base propellants. 4,525,313, 6-25-85, Cl. 264-3.00B.

Muller, Dietrich. Process for the treatment of sewage sludge. 4,552,666, 11-12-85, Cl. 210-710.000.

Muller, Eberhard. Method and device for erecting building structures such as bridges, using pre-fabricated concrete beams. 4,497,153, 2-5-85, Cl. 52-745.000.

Muller, Edwin: *See—*
- Braun, Moritz; Kaufmann, Anna; and Muller, Edwin, 4,554,063, Cl. 204-254.000.

Muller, Erhard: *See—*
- Christ, Richard; Muller, Erhard; Knackstedt, Hans-Gunther; and Laug, Reiner, 4,521,691, Cl. 250-506.100.

Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., to Dr. Karl Thomae Gesellschaft mit beschrankter Haftung. Antithrombotic sulfoximino carbostyrils. 4,551,464, 11-5-85, Cl. 514-312.000.

Muller, Erich: *See—*
- Narr, Berthold; Nickl, Josef; Muller, Erich; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,597, Cl. 514-228.000.
- Roch, Josef; Muller, Erich; Narr, Berthold; Nickl, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,596, Cl. 514-232.000.
- Roch, Josef; Nickl, Josef; Muller, Erich; Narr, Berthold; Weisenberger, Johannes; Zimmermann, Rainer; and Haarmann, Walter, 4,560,685, Cl. 514-222.000.

Muller, Erwin, to Siemens Aktiengesellschaft. Electromagnetic relay. 4,509,028, 4-2-85, Cl. 335-202.000.

Muller, Erwin, to Siemens Aktiengesellschaft. Coil form. 4,547,759, 10-15-85, Cl. 336-192.000.

Muller, Frank: *See—*
- Schmid, Wolfgang; Wanner, Karl; Falchle, Jorg; Bleicher, Manfred; and Muller, Frank, 4,537,264, Cl. 173-48.000.

Muller, Franz: *See—*
- Fischer, Kurt; and Muller, Franz, 4,550,765, Cl. 164-194.000.

Muller, Friedemann: *See—*
- Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, 4,548,987, Cl. 525-67.000.

Muller, George H., to Ford Motor Company. Tuned engine intake manifold. 4,501,235, 2-26-85, Cl. 123-52.00M.

Muller, George H., to Ford Motor Company. Wheelchair elevator and docking system. 4,541,511, 9-17-85, Cl. 187-9.00R.

Muller, George H., to Ford Motor Company. Elevated roll center trailing arm suspension for motor vehicles. 4,545,600, 10-8-85, Cl. 280-668.000.

Muller, George H.; and Chance, Buddy K., to Ford Motor Company. Stamped strut and spindle support. 4,545,601, 10-8-85, Cl. 280-668.000.

Muller, George H., to Ford Motor Company. Tire height sensor with valve stem attaching transmitter module. 4,554,527, 11-19-85, Cl. 340-58.000.

Muller, Georges: *See—*
- Breque, Anne; Muller, Georges; Bonnard, Hubert; Mathey, Francois; and Savignac, Philippe, 4,504,683, Cl. 568-12.000.

Muller, Gerhard; and Schwarz, Jurgen, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Optical system for transmitted-light microscopy with incident illumination. 4,515,445, 5-7-85, Cl. 350-524.000.

Muller, Gerhard, to Carl-Zeiss-Stiftung. Method and apparatus for the detection of thermo-optical signals. 4,529,319, 7-16-85, Cl. 356-432.000.

Muller, Gerhard: *See—*
- Leistner, Gerhard; Muller, Gerhard; Sell, Gunther; and Bauer, Alexander, 4,517,093, Cl. 210-629.000.
- Rausch, Werner; and Muller, Gerhard, 4,547,269, Cl. 204-34.000.
- Weimer, Eugen; and Muller, Gerhard, 4,515,447, Cl. 350-527.000.

- Muller, Gernot: *See—*
  - Karr, Gerald W.; and Muller, Gernot, 4,501,197, Cl. 100-35.000.
- Muller-Girard, Otto, to Ratnik Industries, Inc. Self-regulating hydrant. 4,511,083, 4-16-85, Cl. 239-14.000.
- Muller-Girard, Otto; and Schulp, Philip P., to Transmation, Inc. Instrument protective device. 4,527,217, 7-2-85, Cl. 361-179.000.
- Muller, Guy: *See—*
  - Maurice, Jacques; Guesnet, Patrice; Tozzolino, Pierre; and Muller, Guy, 4,554,137, Cl. 423-26.000.
- Muller, Guy L.; Fraioli, Daniel F.; and Oulie, Michel B., to Equipements Automobiles Marchal. Reactor for the fixation of a gas on a solid which may be used in particular for chlorination of windscreen wiper blades. 4,539,185, 9-3-85, Cl. 422-233.000.
- Muller, Hanns P.; and Schafer, Karl, to Bayer Aktiengesellschaft. Polyetheresters, their preparation, and their use for treating textiles. 4,537,596, 8-27-85, Cl. 8-115.600.
- Muller, Hanns P.; Hettel, Hans; Wagner, Kuno; and Vogtel, Peter, to Bayer Aktiengesellschaft. Process for the production of highly elastic foams containing urethane groups and foams obtainable by this process. 4,546,116, 10-8-85, Cl. 521-106.000.
- Muller, Hanns P.: *See—*
  - Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., 4,517,141, Cl. 264-4.700.
  - Hajek, Manfred; Muller, Hanns P.; and Rasshofer, Werner, 4,562,289, Cl. 564-2.000.
  - Kerimis, Dimitrios; Muller, Hanns P.; and Wagner, Kuno, 4,499,253, Cl. 528-45.000.
  - Richter, Roland; Muller, Hanns P.; Wagner, Kuno; Riberi, Bernd; and Frohlich, Jurg, 4,518,761, Cl. 528-67.000.
  - Richter, Roland; Reinecke, Paul; Muller, Hanns P.; Bonse, Gerhard; and Brandes, Wilhelm, 4,560,738, Cl. 528-62.000.
- Muller, Hans, to Dr. Ing Hans Mueller AG. Method and apparatus for cleaning pressure filters. 4,500,435, 2-19-85, Cl. 210-798.000.
- Muller, Hans, to Heidelberger Druckmaschinen AG. Folding device for web-fed rotary printing presses. 4,509,939, 4-9-85, Cl. 493-444.000.
- Muller, Hans, to Grapha-Holding AG. Gathering machine for paper sheets or the like. 4,511,132, 4-16-85, Cl. 270-58.000.
- Muller, Hans, to Dr. Ing Hans Mueller AG. Filter apparatus for continuously thickening suspensions. 4,511,471, 4-16-85, Cl. 210-323.200.
- Muller, Hans, to Chemap AG. Apparatus for growing microorganisms. 4,535,062, 8-13-85, Cl. 435-289.000.
- Muller, Hans, to Grapha-Holding AG. Apparatus for changing the direction of movement of streams of paper sheets and the like. 4,541,824, 9-17-85, Cl. 493-29.000.
- Muller, Hans; and May, Stefan, to GAO Gesellschaft fur Automation und Organisation mbH. Method of screening half-tone picture themes. 4,557,596, 12-10-85, Cl. 355-132.000.
- Muller, Hans: *See—*
  - May, Stefan; and Muller, Hans, 4,513,992, Cl. 283-94.000.
- Muller, Hans-Jurgen; and Krines, Hans-Gebhard, to Vickers, Incorporated. Valve device, especially for die casting machines. 4,519,572, 5-28-85, Cl. 251-29.000.
- Muller, Hans K.: *See—*
  - Hocker, Jurgen; Muller, Hans K.; and Broich, Bruno, 4,519,939, Cl. 252-500.000.
- Muller, Hans-Rudolf; and Bollinger, Heinrich, to Eprova Ag Forschungsinstitut. Process for the preparation of lower alkyl esters of N-L-α-aspartyl-L-phenylalanine and of new intermediates for their preparation. 4,537,714, 8-27-85, Cl. 260-112.50R.
- Muller, Harald: *See—*
  - Seifert, Dieter; Muller, Harald; Muller, Lothar; Pestel, Karl; and Geissler, Helmut, 4,519,224, Cl. 69-30.000.
- Muller, Heidi: *See—*
  - Heitmann, Uwe; and Muller, Heidi, 4,558,586, Cl. 73-38.000.
- Muller, Heinz: *See—*
  - Artzt, Peter; Muller, Heinz; Egbers, Gerhard; and Neher, Heinz, 4,497,166, Cl. 57-263.000.
  - Hempel, Hans-Ulrich; Grunert, Margarete; Tesmann, Holger; and Muller, Heinz, 4,504,410, Cl. 252-358.000.
- Muller, Heinz-Joachim, to Kleindienst Aquatec GmbH & Co. KG. Determination of nitrate in water and catalyst therein. 4,526,870, 7-2-85, Cl. 436-110.000.
- Muller, Herbert. Holder for filter bags for preparing tea and the like. 4,510,654, 4-16-85, Cl. 24-344.000.
- Muller, Herbert: *See—*
  - Goliasch, Karl; Muller, Herbert; and Pelster, Heinrich, 4,562,010, Cl. 260-546.000.
- Muller, Hubert: *See—*
  - Bussing, Jurgen; and Muller, Hubert, 4,518,732, Cl. 524-178.000.
- Muller, Ingo: *See—*
  - Juriga, Jan; and Muller, Ingo, 4,491,066, Cl. 99-391.000.
- Muller, J. Joseph: *See—*
  - Doerr, Richard D.; Muller, J. Joseph; and Green, William A., 4,553,076, Cl. 318-282.000.
- Muller, Jacques: *See—*
  - Mock, Elmar; and Muller, Jacques, 4,558,957, Cl. 368-294.000.
- Muller, Jakob; and Diesner, Ferdinand, to Textilma AG. Weaving machine and a method for production of a ribbon-type fastener. 4,531,554, 7-30-85, Cl. 139-116.000.
- Muller, Jean Claude; and McNaught, James B., to Massey-Ferguson Services N.V. Combine harvester crop in-feed conveyor. 4,501,282, 2-26-85, Cl. 130-27.00P.
- Muller, Jean-Claude; and Ramuz, Henri, to Hoffmann-La Roche Inc. Pyrimidinecarbamate derivatives as intermediates. 4,549,019, 10-22-85, Cl. 544-321.000.
- Muller, Jens: *See—*
  - Kaube, Peter; Schanz, Karl-Heinz; Vetter, Heinz; and Muller, Jens, 4,513,048, Cl. 428-188.000.
- Muller, Joachim: *See—*
  - Wolf, Dieter; and Muller, Joachim, 4,505,598, Cl. 368-309.000.
- Muller, Johann: *See—*
  - Preiner, Gerhard; and Muller, Johann, 4,515,976, Cl. 556-453.000.
  - Preiner, Gerhard; Huhn, Karl; Muller, Johann; Marwitz, Heinrich; and Ullrich, Kurt, 4,533,477, Cl. 252-8.900.
- Muller, Johannes; Kunst, Helmut; and Scondo, Christian, to Degussa Aktiengesellschaft. Salt bath for nitriding iron materials. 4,492,604, 1-8-85, Cl. 148-15.500.
- Muller, John E.; and Muller, John E., Jr., to Pomona Service & Supply Co., Inc. Fruit-depositing mechanism. 4,501,350, 2-26-85, Cl. 198-478.000.
- Muller, John E., Jr.: *See—*
  - Muller, John E.; and Muller, John E., Jr., 4,501,350, Cl. 198-478.000.
- Muller, Josef; and Wunder, Johannes, to Voest-Alpine Aktiengesellschaft. Dust separator. 4,543,111, 9-24-85, Cl. 55-230.000.
- Muller, Josef: *See—*
  - Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.
- Muller, Jurgen: *See—*
  - Bauer, Walter; Farber, Heinrich; and Muller, Jurgen, 4,493,545, Cl. 354-277.000.
  - Stahl, Werner; and Muller, Jurgen, 4,509,736, Cl. 271-11.000.
  - Stahl, Werner; and Muller, Jurgen, 4,516,763, Cl. 271-11.000.
  - Thate, Kurt; Farber, Heinrich; and Muller, Jurgen, 4,496,273, Cl. 414-411.000.
- Muller, Karl-Heinz: *See—*
  - Krude, Werner; Muller, Karl-Heinz; and Welschof, Hans-Heinrich, 4,556,400, Cl. 464-181.000.
- Muller, Klaus; and Mutz, Bernd, to A. Raymond. Fastening device for holding construction or functional parts on cover plates. 4,490,893, 1-1-85, Cl. 24-704.000.
- Muller, Klaus: *See—*
  - Damson, Eckard; Franke, Horst; Grob, Ferdinand; Moser, Winfried; and Muller, Klaus, 4,503,505, Cl. 364-431.080.
  - Damson, Eckart; Moser, Winfried; Muller, Klaus; Rieger, Franz; and Schubler, Rainer, 4,506,186, Cl. 313-129.000.
  - Dietz, Hermann; Grob, Ferdinand; Muller, Klaus; and Reber, Harald, 4,532,013, Cl. 204-1.00T.
  - Holfelder, Gerhard; and Muller, Klaus, 4,502,939, Cl. 204-429.000.
  - Hutchings, Ron; Loitzl, Ruzica; and Muller, Klaus, 4,513,102, Cl. 502-325.000.
  - Linder, Ernst; Maurer, Helmut; Muller, Klaus; and Rieger, Franz, 4,496,455, Cl. 204-412.000.
- Muller, Klaus-Rainer, to Kernforschungszentrum Karlsruhe GmbH. High frequency amplifier. 4,520,293, 5-28-85, Cl. 315-5.250.
- Muller, Kurt: *See—*
  - Dreyfuss, Wilfried; Remp, Thomas E., Jr.; and Muller, Kurt, 4,492,666, Cl. 264-261.000.
- Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, to SKF Kugellagerfabriken GmbH. Clutch thrust bearing. 4,505,369, 3-19-85, Cl. 192-98.000.
- Muller, Lothar: *See—*
  - Seifert, Dieter; Muller, Harald; Muller, Lothar; Pestel, Karl; and Geissler, Helmut, 4,519,224, Cl. 69-30.000.
- Muller, Ludwig: *See—*
  - Adamowicz, Philippe; and Muller, Ludwig, 4,522,809, Cl. 424-89.000.
- Muller, Lutz: *See—*
  - Heiker, Fred R.; Muller, Lutz; Puls, Walter; and Bischoff, Hilmar, 4,526,784, Cl. 514-25.000.
  - Junge, Bodo; and Muller, Lutz, 4,536,493, Cl. 514-25.000.
- Muller, Manfred: *See—*
  - Arndt, Peter J.; Muller, Manfred; Schlosser, Fritz; and Wenzel, Franz, 4,517,380, Cl. 564-206.000.
  - Gerke, Dieter; Muller, Manfred; Zytowski, Peter; and Radelow, Wolfgang, 4,541,682, Cl. 339-111.000.
- Muller, Marcel: *See—*
  - Furst, Andor; Keller, Peter; and Muller, Marcel, 4,492,797, Cl. 549-265.000.
- Muller, Mathias, to Haver & Becker. Machine for filling and closing bags of synthetic plastic material. 4,510,736, 4-16-85, Cl. 53-567.000.
- Muller, Maurice E.; Niederer, Peter G.; and Frey, Otto, to Gebruder Selzer AG; and Protek AG. Shank for a prosthesis. 4,530,115, 7-23-85, Cl. 623-23.000.
- Muller, Max: *See—*
  - Grabher, Erich; Muller, Max; Wetzel, Horst; and Schultschik, Robert, 4,550,955, Cl. 308-6.00C.
- Muller, Michael; Giers, Alfred; and Heiland, Manfred, to Carl Schenck AG. Correlation procedure and device for rotor balancing. 4,495,811, 1-29-85, Cl. 73-462.000.
- Muller, Michael; and Mautner, Dietmar, to MTU Motoren-und Turbinen-Union Munchen GmbH. Electrode for the TIG welding process. 4,508,955, 4-2-85, Cl. 219-146.210.
- Muller, Michael F.; and Ferry, John D., to Wisconsin Alumni Research Foundation. Preparation of protein films. 4,548,736, 10-22-85, Cl. 252-315.100.

- Muller, Norbert: *See—*
  - Knorreck, Peter; Kuhne, Wolfgang; and Muller, Norbert, 4,498,499, Cl. 137-627.500.
- Muller, Norbert W.: *See—*
  - Dietz, Peter; Muller, Norbert W.; and Kroh, Horst F. M., 4,515,049, Cl. 82-36.00R.
- Muller, Paul E. Device for preventing the jamming of a disc mower by, or the breaking up, a layer of soil and plant matter. 4,538,402, 9-3-85, Cl. 56-13.600.
- Muller, Peter; Wagner, Kuno; Wegner, Christian; and Schwabe, Peter, to Bayer Aktiengesellschaft. Inorganic-organic fixed-dressings and a process for their production. 4,544,683, 10-1-85, Cl. 523-111.000.
- Muller, Peter: *See—*
  - Arend, Gunter; Konigshofen, Heinrich; Muller, Peter; and Musch, Rudiger, 4,528,388, Cl. 549-448.000.
  - Kerimis, Dimitrios; Hombach, Rudolf; Muller, Peter; and Dollhausen, Manfred, 4,521,545, Cl. 521-107.000.
- Muller, Peter R.: *See—*
  - Cohnen, Wolfgang; Kircher, Klaus; Muller, Peter R.; Krishnan, Sivaram; and Neuray, Dieter, 4,552,911, Cl. 524-94.000.
- Muller, Reiner: *See—*
  - Hassler, Heinrich; Muller, Reiner; Kippenberg, Horst; and Prolss, Norbert, 4,537,745, Cl. 420-590.000.
  - Weiler, Rolf; and Muller, Reiner, 4,501,410, Cl. 251-366.000.
- Muller, Reinhard: *See—*
  - Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,503,542, Cl. 372-58.000.
  - Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,521,889, Cl. 372-87.000.
  - Cirkel, Hans-Jurgen; Bette, Willi; and Muller, Reinhard, 4,556,981, Cl. 372-86.000.
- Muller, Rene: *See—*
  - Chaudhari, Praveen; and Muller, Rene, 4,515,650, Cl. 156-622.000.
- Muller, Roger, to Elermetal. Machine for the deep slitting of the periphery of non planar discs used for providing wheels having a pneumatic tire. 4,523,446, 6-18-85, Cl. 72-71.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Magnetization for brushless direct current outer rotor motor. 4,501,997, 2-26-85, Cl. 318-254.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Small size electric motor. 4,514,654, 4-30-85, Cl. 310-216.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Tachogenerator for speed control of electric motors. 4,517,480, 5-14-85, Cl. 310-68.00R.
- Muller, Rolf, to Mead Corporation, The. Packaging machine. 4,520,612, 6-4-85, Cl. 53-48.000.
- Muller, Rolf. Fish eye lens system. 4,525,038, 6-25-85, Cl. 350-462.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Multiple-shaft drive. 4,528,483, 7-9-85, Cl. 318-112.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Collectorless direct current outer rotor motor. 4,529.918, 7-16-85, Cl. 318-254.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Brushless DC drive motor for signal recording means. 4,531,079, 7-23-85, Cl. 318-254.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Brushless D-C motor system with improved commutation circuit. 4,535,275, 8-13-85, Cl. 318-254.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Low magnetic leakage flux brushless pulse controlled d-c motor. 4,547,714, 10-15-85, Cl. 318-254.000.
- Muller, Rolf, to Papst-Motoren GmbH & Co. KG. Brushless direct current motor system. 4,554,473, 11-19-85, Cl. 310-67.00R.
- Muller, Rolf, to Gustav Mueller GmbH und Co. KG. Medical instrument with internal light source for illuminating body cavities. 4,556,052, 12-3-85, Cl. 128-11.000.
- Muller, Rolf: *See—*
  - Backe, Egbert; Muller, Rolf; Otto, Dieter; Leonardi, Cornelio; Kochendorfer, Heinrich; Fussner, Paul; Walker, Ewald; and Rommel, Rudi, 4,499,757, Cl. 73-119.00A.
  - Elsaesser, Dieter; von der Heide, Johann; Muller, Rolf; and Papst, Georg, 4,519,010, Cl. 360-97.000.
  - Moosmann, Helmut; and Muller, Rolf, 4,544,852, Cl. 307-519.000.
- Muller, Rudolf; Radeklau, Hans-Jurgen; Dofke, Harald; and Krieger, Detlef, to Schering Aktiengesellschaft. Apparatus for removing substances from the inner walls of vessels. 4,515,483, 5-7-85, Cl. 366-303.000.
- Muller, Rudolf; and Stolberg, Hermann J., to Hermann Rappold & Co GbmH. Shut-off valve with a seal formed from an elastic strip. 4,527,773, 7-9-85, Cl. 251-306.000.
- Muller, Rudolf R. M., to Multifastener Corporation. Method of attaching a fastener to a panel. 4,543,701, 10-1-85, Cl. 29-432.100.
- Muller, Rudolph R. M., to Multifastener Corporation. Method of installing self-attaching fasteners. 4,555,838, 12-3-85, Cl. 29-432.100.
- Muller, Thomas; and Bauer, Rainer, to Kraftwerk Union Aktiengesellschaft. Inspection device, especially for steam generator tubes. 4,520,673, 6-4-85, Cl. 73-623.000.
- Muller, Thomas; Lehner, Gunter; and Gugel, Georg, to Kraftwerk Union Aktiengesellschaft. Probe for the nondestructive testing of cylindrical cavities, especially of steam generator tubes. 4,523,470, 6-18-85, Cl. 73-623.000.
- Muller, Thomas; and Siegemund, Gunter, to Hoechst Aktiengesellschaft. Catalysts for fluorination and/or dismutation reactions on halogenated hydrocarbons, and a process for their preparation. 4,547,483, 10-15-85, Cl. 502-226.000.
- Muller, Werner, to Maschinenfabrik Ettlingen Friedrich Pfeiffer KG. Mechanism for centering reinforcing mesh. 4,505,658, 3-19-85, Cl. 425-117.000.
- Muller, Werner, to Magnetfabrik Bonn GmbH, vorm. Gewerkschaft Windhorst. Multi-pole rotor particularly for small and miniature electric generators and motors. 4,513,216, 4-23-85, Cl. 310-156.000.
- Muller, Werner, to SIG Schweizerische Industrie-Gesellschaft. Apparatus for evacuating and sealing rectangular packages. 4,538,399, 9-3-85, Cl. 53-512.000.
- Muller, Wilhelm: *See—*
  - Steinberger, Josef; and Muller, Wilhelm, 4,560,179, Cl. 279-15.000.
- Muller, Wolfgang: *See—*
  - Keller, Tony W.; and Muller, Wolfgang, 4,535,595, Cl. 62-3.000.
- Mullet, David L.; Rilling, Raymond J.; and Voth, Elmer D., to Excel Industries, Inc. Mower with lateral extension wings. 4,497,160, 2-5-85, Cl. 56-6.000.
- Mullett, Donald H.: *See—*
  - Barnum, Thomas G.; Smart, William A., Jr.; and Mullett, Donald H., 4,538,307, Cl. 4-427.000.
- Mulligan, Robert J. Folding cap for pick-up truck. 4,542,911, 9-24-85, Cl. 280-423.00R.
- Mullin, Christopher A.: *See—*
  - Hammock, Bruce D.; and Mullin, Christopher A., 4,562,292, Cl. 568-043.000.
- Mullin, John G., Jr.: *See—*
  - Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,544,657, Cl. 514-253.000.
  - Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,559,403, Cl. 546-144.000.
- Mulliner, Richard R.; and Ajioka, James S., to Hughes Aircraft Company. Solderable plated plastic components and processes for manufacture and soldering. 4,499,157, 2-12-85, Cl. 428-624.000.
- Mulliner, Richard R.; and Rocke, Richard D., to Hughes Aircraft Company. Lightweight slot array antenna structure. 4,517,571, 5-14-85, Cl. 343-771.000.
- Mullins, Carolyn C.: *See—*
  - Levine, Lawrence W.; and Mullins, Carolyn C., 4,517,203, Cl. 426-19.000.
- Mullins, Jack R., to J. W. Lighting Inc. Indirect light reflector. 4,517,631, 5-14-85, Cl. 362-346.000.
- Mullins, John M., to Hughes Tool Company - USA. Opposed button thrust surfaces for earth boring bits. 4,549,820, 10-29-85, Cl. 384-95.000.
- Mullins, Lance A.; and Self, Michael A., to Joy Manufacturing Company. Liner deterioration warning for fluid movers. 4,535,326, 8-13-85, Cl. 340-679.000.
- Mullins, Lynn D.: *See—*
  - Fitch, John L.; and Mullins, Lynn D., 4,510,997, Cl. 166-263.000.
  - McMillen, James M.; and Mullins, Lynn D., 4,560,003, Cl. 166-305.100.
- Mullins, Michael J.: *See—*
  - Woo, Edmund P.; and Mullins, Michael J., 4,525,577, Cl. 528-327.000.
- Mullins, Phillip L.; Neal, James G.; and Perkins, Jeffrey T., to Allied Corporation. Process and apparatus for applying and confining finish. 4,544,579, 10-1-85, Cl. 427-175.000.
- Mullins, Ronald L.: *See—*
  - Carpenter, James H.; Mullins, Ronald L.; and Smith, Ronald L., 4,561,220, Cl. 51-427.000.
- Mullis, H. Leon. Glass sight gauge for high pressure vessel. 4,524,618, 6-25-85, Cl. 73-323.000.
- Mullis, Jerry D., to Conbraco Industries, Inc. Apparatus for locking a control device. 4,498,320, 2-12-85, Cl. 70-177.000.
- Mullner, Josef: *See—*
  - Steiner, Karl; Schiel, Christian; Meinecke, Albrecht; Mullner, Josef; and Weiss, Hans, 4,555,305, Cl. 162-205.000.
- Mullner, Paul; Enkner, Bernhard; and Hubweber, Gerhard, to Voest-Alpine Aktiengesellschaft. Method of producing metals or metal alloys and an arrangement therefor. 4,561,883, 12-31-85, Cl. 75-10.00R.
- Mullner, Paul: *See—*
  - Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; and Mullner, Paul, 4,518,417, Cl. 75-10.00R.
  - Lugscheider, Walter; Mullner, Paul; Schiffler, Wilhelm; and Leutgob, Alois, 4,533,385, Cl. 75-10.00R.
- Mullritter, Ludwig; Schnall, Gunther; and Fruth, Franz, to AGFA-Gevaert, A.G. Spring biased crank arm drive for tray mounted stapler. 4,515,356, 5-7-85, Cl. 270-53.000.
- Mullritter, Ludwig: *See—*
  - Reschenhofer, Rudolf; Mullritter, Ludwig; Schnall, Gunther; and Fruth, Franz, 4,497,478, Cl. 270-53.000.
- Mulsant, Philippe: *See—*
  - Charron, Jean-Claude; Mulsant, Philippe; and Poujoulat, Yvan, 4,491,092, Cl. 122-18.000.
- Multani, Jagir S.: *See—*
  - Rajkanan, Kamal; and Multani, Jagir S., 4,521,796, Cl. 357-23.500.
- Multi-Arc Vacuum Systems Inc.: *See—*
  - Bergman, Clark; Vergason, Gary E.; Allen, William; and Reed, Michael F., 4,556,471, Cl. 204-298.000.
  - Brandolf, Henry E., 4,511,593, Cl. 427-37.000.
- Multi Bar Systems Ltd.: *See—*
  - Negus, Terence I., 4,497,601, Cl. 408-156.000.
- Multi-Tech Corporation: *See—*
  - Barron, Edward R.; and Lastnik, Abraham L., 4,530,111, Cl. 2-2.500.
  - Madnick, Herman; and Goldman, Ralph F., 4,495,659, Cl. 2-66.000.

Multi-Tex Products Corp.: *See—*
  Dwulet, Michaelene, 4,533,597, Cl. 428-375.000.
  Quon, Joe S., 4,546,042, Cl. 428-378.000.

Multifastener Corporation: *See—*
  Muller, Rudolf R. M., 4,543,701, Cl. 29-432.100.
  Muller, Rudolph R. M., 4,555,838, Cl. 29-432.100.
  Smallegan, Jon M., 4,505,416, Cl. 227-120.000.
  Steward, John H.; and Ladouceur, Harold A., 4,532,664, Cl. 10-162.00A.

Multifold-International, Inc.: *See—*
  Madewell, James A.; Molitor, Edwin A.; Crowe, Norman P.; Lampe, Guy W.; and Pavey, Charles F., 4,500,245, Cl. 414-108.000.
  Molitor, Edwin A.; Crain, Edward; and Lampe, Guy W., 4,515,581, Cl. 493-183.000.

Multiform Desiccants, Inc.: *See—*
  Cullen, John S.; Incorvia, Samuel A.; and Vogt, James A., 4,505,727, Cl. 55-387.000.
  Cullen, John S.; Incorvia, Samuel A.; and Vogt, James A., 4,548,322, Cl. 206-526.000.

Multigood, B.V.: *See—*
  deVreeze, Joop J.; Tijssen, Zwier; and Doorley, Daniel, 4,555,195, Cl. 401-218.000.

Multimatic Maschinen GmbH & Co.: *See—*
  Kotter, Gustav; and Mutschlknaus, Peter, 4,499,744, Cl. 68-210.000.

Multinorm B.V.: *See—*
  Liet, Cornelis H., 4,532,758, Cl. 56-341.000.
  Paques, Gerardus H. F., 4,531,880, Cl. 414-473.000.
  Vissers, Hermanus H.; and Van Staveren, Hendrikus C., 4,497,161, Cl. 56-13.600.
  Vissers, Hermanus H.; and Wondergem, Jan, 4,550,557, Cl. 56-341.000.

Multiphonie S.A.: *See—*
  Fresard, Marcel, 4,506,117, Cl. 179-114.00R.

Multiplex Company, Inc.: *See—*
  Trewhella, Joseph M., 4,535,917, Cl. 222-129.100.

Multisafe AG: *See—*
  Eder, Helmut, 4,514,951, Cl. 52-660.000.

Multivac Sepp Haggenmuller KG: *See—*
  Medwed, Emmerich, 4,515,546, Cl. 425-195.000.
  Medwed, Emmerich, 4,521,175, Cl. 425-403.000.

Multrus, Vladimir, to Honeywell GmbH. Pneumatic controller. 4,510,961, 4-16-85, Cl. 137-86.000.

Multrus, Vladimir, to Honeywell GmbH. Diaphragm module for pneumatic control systems. 4,522,220, 6-11-85, Cl. 137-85.000.

Mulugeta, Jarso: *See—*
  Mount, Gordon L.; Bandukwalla, Phiroze; and Mulugeta, Jarso, 4,503,684, Cl. 62-115.000.

Mulvany, Richard B.: *See—*
  Engwall, Mats A.; and Mulvany, Richard B., 4,533,186, Cl. 308-5.00R.

Mulvenna, Charles A. Energy transfer device. 4,540,344, 9-10-85, Cl. 417-240.000.

Mulvey, Dennis M.: *See—*
  Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,571, Cl. 544-286.000.
  Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,570, Cl. 544-286.000.
  Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,556,739, Cl. 564-443.000.

Mulvey, Patricia S.; Hayes, Harry; and Crawford, Richard J., to Colgate-Palmolive Company. Dentifrice composition. 4,529,584, 7-16-85, Cl. 424-52.000.

Mulvihill, Richard J., to Nike, Inc. Gymnastic shoe with cushioning and shock absorbing insert. 4,541,186, 9-17-85, Cl. 36-114.000.

Muma, Brian C., to Smith International, Inc. Screw ring cone retention apparatus and method for rock bits. 4,538,928, 9-3-85, Cl. 384-96.000.

Muma, George A.: *See—*
  Johnson, Richard H.; and Muma, George A., 4,550,467, Cl. 15-228.000.

Mumallah, Naim A.: *See—*
  Wu, Yulin; and Mumallah, Naim A., 4,552,217, Cl. 166-270.000.

Mumaw, Clayton T., to Du Pont de Nemours, E. I., and Company. Process for pulsed flow, balanced double jet precipitation. 4,539,290, 9-3-85, Cl. 430-569.000.

Mumby, Edward S., to Exploration Logging, Inc. Apparatus for well logging telemetry. 4,550,392, 10-29-85, Cl. 367-82.000.

Mumcu, Salih: *See—*
  Droescher, Michael; Mumcu, Salih; Burzin, Klaus; Gerth, Christian; and Heuer, Horst, 4,555,550, Cl. 525-424.000.

Mumford, Eustace H., to Owens-Illinois, Inc. Multiple gob shearing mechanism operating in a straight line. 4,499,806, 2-19-85, Cl. 83-527.000.

Mumford, Eustace H., to Owens-Illinois, Inc. Glass feeder tube support. 4,514,209, 4-30-85, Cl. 65-328.000.

Mumford, Eustace H., to Owens-Illinois, Inc. Multiple gob delivery and reject mechanism. 4,529,431, 7-16-85, Cl. 65-225.000.

Mumford, Eustace H.: *See—*
  Irwin, George W.; and Mumford, Eustace H., 4,512,792, Cl. 65-161.000.

Mumford, John L. C.; and Price, Roger F., to TI (Group Services) Limited. Vitreous enamels. 4,555,415, 11-26-85, Cl. 427-193.000.

Mumford, Van E.: *See—*
  Vollmann, William; and Mumford, Van E., 4,561,442, Cl. 128-419.0PG.

Mummenhoff, Peter: *See—*
  von Bonin, Wulf; Mummenhoff, Peter; Beck, Ulrich; and Baumgen, Heinz, 4,499,153, Cl. 428-479.600.

Mummert, Thomas A., to Jobst Institute, Inc. Sequencing valve mechanism. 4,561,343, 12-31-85, Cl. 91-37.000.

Mummery, Robert J.: *See—*
  Mlinaric, Jerry; Leary, William; and Mummery, Robert J., 4,508,485, Cl. 414-458.000.

Mummey, Dale B.; and Oberman, Carl D., to AMP Incorporated. Operating mechanism for a plugboard system. 4,542,951, 9-24-85, Cl. 339-75.00M.

Mummey, Dale B.; and Plotts, Alan E., to AMP Incorporated. Right angle coaxial plug connector. 4,548,453, 10-22-85, Cl. 339-17.00C.

Mumola, Peter B.: *See—*
  La Fiandra, Carlo; and Mumola, Peter B., 4,516,062, Cl. 318-676.000.

Mumper, James O.: *See—*
  Hecock, J. Edwin; and Mumper, James O., 4,557,409, Cl. 227-147.000.

Munakata, Akio: *See—*
  Abe, Susumu; Munakata, Akio; and Kitahara, Takeshi, 4,516,173, Cl. 358-261.000.

Munakata, Eiko: *See—*
  Komatsubara, Yoshiaki; Ide, Kyozoh; and Munakata, Eiko, 4,519,678, Cl. 350-338.000.

Munakata, Hiroaki: *See—*
  Iida, Seiu; Inokuchi, Tomio; and Munakata, Hiroaki, 4,518,591, Cl. 424-195.100.

Munakata, Shunsaku; Ukai, Hitoshi; Noguchi, Mitsuru; and Sawai, Shinichi, to Honda Giken Kogyo Kabushiki Kaisha; and Tokyo Seat Co., Ltd. Air-pressure method. 4,555,380, 11-26-85, Cl. 264-510.000.

Munari, Fausto; Ostan, Giovanni; Saravalle, Carlo; Tosi, Bruno; and Trestianu, Sorin, to Carlo Erba Strumentazione S.p.A. Multi purpose on column injection. 4,559,063, 12-17-85, Cl. 55-67.000.

Muncaster, John W.; Roberts, Michael G.; Rowlett, R. David; Hoitink, Todd B.; Uffner, William E.; and White, Robert N., to Owens-Corning Fiberglas Corporation. Road repair material of knitted unidirectional glass roving mat coated with elastomeric modified asphalt. 4,508,770, 4-2-85, Cl. 428-63.000.

Munch, Hans-Jurgen: *See—*
  Freese, Karl-Heinz; and Munch, Hans-Jurgen, 4,536,525, Cl. 523-414.000.

Munch Jensen, Jorn, to Ejnar Jensen & Son Maskinfabrik A/S. Apparatus for feeding pieces of laundry on a conveyor. 4,553,662, 11-19-85, Cl. 198-456.000.

Munch, John E., Jr.: *See—*
  Stay, Kevin E.; and Munch, John E., Jr., 4,531,578, Cl. 165-175.000.

Munch, Peter. Die plate for granulation pressing, particularly for the manufacture of feed granules. 4,496,298, 1-29-85, Cl. 425-192.00R.

Munch, Volker: *See—*
  Naarmann, Herbert; Munch, Volker; and Penzien, Klaus, 4,560,593, Cl. 427-443.100.

Munch, Werner: *See—*
  Mikusch, Gerald; and Munch, Werner, 4,557,133, Cl. 72-405.000.

Munchmeyer, Dietrich: *See—*
  Becker, Erwin; Ehrfeld, Wolfgang; Munchmeyer, Dietrich; Betz, Hans; and Heuberger, Anton, 4,493,753, Cl. 204-9.000.
  Becker, Erwin; Bier, Wilhelm; Ehrfeld, Wolfgang; and Munchmeyer, Dietrich, 4,541,977, Cl. 264-102.000.

Muncie Power Product Inc.: *See—*
  Macy, Lawrence E., 4,510,899, Cl. 123-198.00D.

Mund, Heinz: *See—*
  Halberschmidt, Friedrich; Reinmold, Heinz-Josef; Schmitz, Alfred; and Mund, Heinz, 4,519,167, Cl. 51-165.770.

Mund, Konrad; Luft, Gunter; and Gebhardt, Ulrich, to Siemens Aktiengesellschaft. Method for urea analysis. 4,505,784, 3-19-85, Cl. 204-1.00T.

Mund, Konrad: *See—*
  Freller, Helmut; Horauf, Friedrich; Lorenz, Hans-Peter; and Mund, Konrad, 4,508,430, Cl. 350-351.000.
  Freller, Helmut; and Mund, Konrad, 4,508,432, Cl. 350-357.000.

Munde, Jan, to Alfa-Laval AB. Sealing ring for a centrifugal separator. 4,534,570, 8-13-85, Cl. 277-95.000.

Munde, Jan C.; and Laigar, Karl, to Alfa-Laval Separation AB. Suspension device for rotary spindle. 4,556,331, 12-3-85, Cl. 384-453.000.

Mundell, Peter J., to South African Inventions Development Corporation. Surgical implant. 4,506,681, 3-26-85, Cl. 128-92.00D.

Munden, Curtis D.: *See—*
  Johnston, Ralph H.; Munden, Curtis D.; and Sheldrake, Leonard J., 4,536,697, Cl. 322-14.000.

Mundie, Craig J.: *See—*
  Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
  Ahlstrom, John K.; Bernstein, David H.; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; and Wallach, Walter A., Jr., 4,517,642, Cl. 364-200.000.
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Mungons, Edwin M. Alignment control device. 4,512,682, 4-23-85, Cl. 403-390.000.
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Munk, Werner G. Volume expanding beverage package. 4,522,332, 6-11-85, Cl. 229-43.000.
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Munks, R. Leonard. Animal sling. 4,550,686, 11-5-85, Cl. 119-102.000.
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Munn, Laurie P. Motorcycle firearm carrier. 4,505,411, 3-19-85, Cl. 224-39.000.
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Munnecke, Douglas M.: *See—*
Williams, David; and Munnecke, Douglas M., 4,517,101, Cl. 252-8.55D.
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Schippers, Heinz; and Munnekehoff, Gerd, 4,561,602, Cl. 242-35.50A.
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Munnerlyn, Charles R., to Cooper LaserSonics, Inc. Optical system for surgical ophthalmic laser instrument. 4,561,436, 12-31-85, Cl. 128-303.100.
Munnich, Wilhelm; and Batke, Manfred, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Air-flow equipped turning bar for web material. 4,492,328, 1-8-85, Cl. 226-197.000.
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Davis, James W.; Leininger, Joel C.; Munoz-Bustamante, Carlos; and Robbins, Gordon J., 4,535,467, Cl. 377-81.000.
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Munro, Frederick G.: *See—*
Permut, Ronald; Cope, Robert; Apple, James; Epina, August P.; and Munro, Frederick G., 4,550,884, Cl. 242-189.000.
Munro, Jack C.: *See—*
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Munro, Joan C., to American Greetings Corporation. Form retaining stuffed figurine. 4,505,687, 3-19-85, Cl. 446-368.000.
Munro, John H. Exhaust system for internal combustion engines. 4,541,240, 9-17-85, Cl. 60-295.000.
Munro, Mark S.; Quattrone, Alfred J.; Ellsworth, Steven R.; and Eberhart, Robert C., to Board of Regents, The University of Texas System. Nonthrombogenic articles having enhanced albumin affinity. 4,530,974, 7-23-85, Cl. 525-329.400.
Munro, Robert; Parker, David A.; and Graham, Neil A. Pistons and method for their manufacture. 4,553,472, 11-19-85, Cl. 92-176.000.
Munroe, Ronald G. Incandescent lighting. 4,499,398, 2-12-85, Cl. 313-113.000.
Munsch, John M.; Danielsen, Brant R.; and Miller, Jimmy L., to Baxter Travenol Laboratories, Inc. Automatic connection and disconnection. 4,541,829, 9-17-85, Cl. 604-80.000.
Munschenborn, Dieter; and Rautenbach, Robert, to Nickel, Heinrich; and Eggeling, Ernst. Impact mill. 4,522,342, 6-11-85, Cl. 241-57.000.
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Munson, Chester L. Dynamometer having torque and horsepower readout. 4,530,248, 7-23-85, Cl. 73-862.170.
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Munson, Robert E.; and Haddad, Hussain A., to Ball Corporation. Apparatus and method for transfer of r.f. energy through a mechanically rotatable joint. 4,511,868, 4-16-85, Cl. 333-257.000.
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Jacobson, Roger K.; and Munson, Ronald W., 4,515,273, Cl. 206-604.000.
Munsters Corporation, The: *See—*
Fulkerson, Robert D., 4,557,878, Cl. 261-111.000.
Munteanu, Marina A.; Oltarzewski, Edward S.; Shechter, Leon; and Warren, Craig B., to International Flavors & Fragrances Inc. Insect repellent, pheremonal, animal repellent diagnostic and/or aroma augmenting or enhancing compositions and articles containing at least a major proportion of poly(epsilon caprolactone)homopolymers, and having imbedded therein one or more functional. 4,496,467, 1-29-85, Cl. 252-92.000.

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- Muntel, Bruno. Holder and attachment for lathe tools. 4,530,263, 7-23-85, Cl. 82-36.00R.
- Munter, Ernst A.; and Aczel, Andreas L., to Northern Telecom Limited. Tone source for telephone systems. 4,498,171, 2-5-85, Cl. 370-110.200.
- Munter, Ernst A., to Northern Telecom Limited. Digital circuit for determining the envelope frequency of PCM encoded call progress tones in a telephone system. 4,534,041, 8-6-85, Cl. 375-94.000.
- Munter, Ernst A., to Northern Telecom Limited. Digital automatic gain control circuit for PCM signals. 4,539,692, 9-3-85, Cl. 375-98.000.
- Munter, Ernst A.: *See—*
  - Weirich, Andreas H.; Strawczynski, Leo; and Munter, Ernst A., 4,549,304, Cl. 375-27.000.
- Munters Corporation, The: *See—*
  - Lefevre, Marcel R., 4,521,350, Cl. 261-111.000.
  - Lefevre, Marcel R., 4,562,015, Cl. 261-94.000.
- Muntwyler, Rene: *See—*
  - Van Gestel, Josef; Duytschaever, Benedikt; Muntwyler, Rene; and Scharer, Max, 4,542,146, Cl. 514-383.000.
- Muntz, Eric P.: *See—*
  - Sve, Charles; and Muntz, Eric P., 4,550,255, Cl. 250-359.100.
- Munz, Gerta H., executrix: *See—*
  - Asher, William P.; and Munz, Otto J., deceased, 4,496,328, Cl. 441-55.000.
- Munz, Otto J., deceased: *See—*
  - Asher, William P.; and Munz, Otto J., deceased, 4,496,328, Cl. 441-55.000.
- Munz, Werner, to Schiedel GmbH & Co. Multiple-casing chimney. 4,545,293, 10-8-85, Cl. 98-58.000.
- Munz, Wolf D.; and Hessberger, Gerhard, to Leybold-Heraeus GmbH. Method of and apparatus for coating shaped parts by cathodic atomization. 4,544,468, 10-1-85, Cl. 204-192.00R.
- Munzel, Hermann: *See—*
  - Mengel, Hans-Eckhard; and Munzel, Hermann, 4,515,226, Cl. 175-57.000.
- Munzel, Klaus, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Control circuit for igniting a low-ohm ignition capsule. 4,493,259, 1-15-85, Cl. 102-218.000.
- Munzel, Wolf-Dietrich: *See—*
  - Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,503,906, Cl. 165-104.210.
  - Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,520,863, Cl. 165-48.00R.
- Munzer, Manfred: *See—*
  - Arndt, Peter J.; Ludwig, Walter; Munzer, Manfred; Siol, Werner; and Wenzel, Franz, 4,521,567, Cl. 525-261.000.
  - Slawyk, Wilhelm; Balle, Gerhard; Munzer, Manfred; and Wohnhas, Adolf, deceased, 4,507,444, Cl. 525-455.000.
- Munzer, Rudolf: *See—*
  - Gupta, Ashok K.; Gyarmati, Erno; Munzer, Rudolf; and Naoumidis, Aristides, 4,526,649, Cl. 156-629.000.
- Mupac Corporation: *See—*
  - Leary, Burton; and Silverio, Shaun, 4,494,172, Cl. 361-400.000.
- Mura, Hideichi: *See—*
  - Chino, Koichi; Kudo, Kazuhiko; Oda, Akira; Mura, Hideichi; and Takamura, Yoshiyuki, 4,526,713, Cl. 252-632.000.
- Mura, Shinichiro: *See—*
  - Takano, Toshio; and Mura, Shinichiro, 4,493,403, Cl. 192-4.00A.
- Murabayashi, Akira: *See—*
  - Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; and Takahashi, Toshio, 4,535,088, Cl. 514-370.000.
- Murabayashi, Hideki: *See—*
  - Horie, Hiromichi; Shimotori, Kazumi; and Murabayashi, Hideki, 4,502,982, Cl. 252-513.000.
- Murachi, Mikio: *See—*
  - Hashimoto, Kametaro; Ushitani, Kenji; Noda, Fumiyoshi; Sugiyama, Masahiko; and Murachi, Mikio, 4,533,579, Cl. 428-36.000.
- Muraguchi, Yutaka, to Hoko Sangyo Co., Ltd. Support structure for checking and repairing heavy rotatable objects. 4,526,503, 7-2-85, Cl. 414-433.000.
- Murahashi, Akihiko: *See—*
  - Kato, Kunihiko; and Murahashi, Akihiko, 4,504,875, Cl. 360-72.100.
- Murahashi, Tatsuya: *See—*
  - Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,526,121, Cl. 114-73.000.
  - Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,559,888, Cl. 114-74.00R.
- Murai, Asao: *See—*
  - Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, 4,560,748, Cl. 536-24.000.
- Murai, Ashita: *See—*
  - Okamura, Hisashi; Sakaguchi, Shinji; Takahashi, Osamu; and Murai, Ashita, 4,511,644, Cl. 430-219.000.
- Murai, Atsushi: *See—*
  - Terano, Minoru; Kimura, Kouhei; Murai, Atsushi; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,562,173, Cl. 502-127.000.
- Murai, Bunjirou: *See—*
  - Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, 4,555,545, Cl. 524-858.000.
  - Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, 4,555,559, Cl. 528-16.000.
- Murai, Kaoru, to ORC Manufacturing Co., Ltd. Exposure apparatus. 4,547,066, 10-15-85, Cl. 355-97.000.
- Murai, Kazuo; and Hasegawa, Yutaka, to Ricoh Company, Ltd. Image density control method for electrophotography. 4,519,695, 5-28-85, Cl. 355-14.00R.
- Murai, Kazuo; and Hasegawa, Yutaka, to Ricoh Company, Ltd. Image density control method. 4,539,279, 9-3-85, Cl. 430-30.000.
- Murai, Masataka: *See—*
  - Ishii, Kiyoshi; Murai, Masataka; and Yonekawa, Hitoshi, 4,500,426, Cl. 210-321.300.
- Murai, Mikio: *See—*
  - Suzuki, Takashi; Hibino, Kunio; Murai, Mikio; Kawase, Shigeki; and Shinohara, Koichi, 4,540,618, Cl. 428-141.000.
- Murai, Naoyuki: *See—*
  - Terayama, Fusaji; Kohzai, Tetsuo; and Murai, Naoyuki, 4,523,685, Cl. 212-247.000.
- Murai, Nobuyuki; Nakamichi, Kazuya; Otake, Masayuki; and Ushikubo, Takashi, to Mitsubishi Chemical Industries Limited. Process for the production of dimethyl ether useful as a propellant. 4,560,807, 12-24-85, Cl. 568-698.000.
- Murai, Toshimi: *See—*
  - Matsuoka, Hiroki; and Murai, Toshimi, 4,522,180, Cl. 123-489.000.
- Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, to Takenaka Komuten Co., Ltd.; and Kyokuto Kaihatsu Kogyo Co., Ltd. Apparatus for horizontally casting concrete. 4,519,768, 5-28-85, Cl. 425-456.000.
- Murai, Toshiyuki: *See—*
  - Ootuka, Takayuki; and Murai, Toshiyuki, 4,550,703, Cl. 123-478.000.
- Murai, Yasushi: *See—*
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Futkatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,497,811, Cl. 514-231.000.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Wakazawa, Tadashi; Niida, Taro; and Christensen, Burton G., 4,534,898, Cl. 260-245.300.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,556,513, Cl. 260-239.00A.
- Murai, Yoshikazu: *See—*
  - Sato, Atsushi; Murai, Yoshikazu; Goto, Masahito; and Mochizuki, Kanji, 4,514,229, Cl. 106-135.000.
- Muraishi, Masakazu: *See—*
  - Umetsu, Yoshihiro; Muraishi, Masakazu; Ito, Osamu; and Kakeba, Masakatsu, 4,516,788, Cl. 280-6.00R.
- Murakami, Akira; and Yoshizaki, Hideo, to Asahi Kasei Kogyo Kabushiki Kaisha; and Kowa Co., Ltd. Method for stabilizing tissue plasminogen activator and a stable aqueous solution or powder containing the same. 4,552,760, 11-12-85, Cl. 424-94.000.
- Murakami, Akira: *See—*
  - Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
- Murakami, Atsushi: *See—*
  - Tanaka, Toru; Gohko, Nobuaki; Kishiro, Osamu; and Murakami, Atsushi, 4,511,704, Cl. 526-125.000.
  - Tanaka, Toru; Iwatani, Kazutoshi; Enokido, Nobuo; Murakami, Atsushi; and Yamaguchi, Yukio, 4,525,554, Cl. 526-124.000.
- Murakami, Fumikazu, to Kabushiki Kaisha Daini Seikosha. Electrodynamic speaker. 4,520,237, 5-28-85, Cl. 179-115.5ES.
- Murakami, Fumikazu, to Kabushiki Kaisha Daini Seikosha. Piezoelectric buzzer for wrist watches. 4,526,477, 7-2-85, Cl. 368-250.000.
- Murakami, Fumiki: *See—*
  - Matsumura, Hiroshi; Otani, Masato; and Murakami, Fumiki, 4,533,750, Cl. 562-600.000.
- Murakami, Hideo. Sweat absorbent undershirt. 4,541,129, 9-17-85, Cl. 2-113.000.
- Murakami, Hideo: *See—*
  - Sazaki, Kounin; and Murakami, Hideo, 4,502,645, Cl. 242-84.20G.
- Murakami, Hiroko: *See—*
  - Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.
- Murakami, Hiroya; and Takasaki, Mitsuhiro, to Hitachi, Ltd. Apparatus for producing a magnetron. 4,543,071, 9-24-85, Cl. 445-66.000.
- Murakami, Hiroyashu: *See—*
  - Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, 4,512,656, Cl. 354-475.000.
- Murakami, Hiroyasu: *See—*
  - Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,491,401, Cl. 354-271.100.
  - Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,495,432, Cl. 310-328.000.

- Katsuma, Makoto; Hiramatsu, Akira; and Murakami, Hiroyasu, 4,502,771, Cl. 354-289.100.
- Katsuma, Makoto; Hiramatsu, Akira; Arakawa, Kazuhiko; and Murakami, Hiroyasu, 4,509,848, Cl. 354-473.000.
- Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,513,219, Cl. 310-328.000.
- Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,560,263, Cl. 354-195.100.
- Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, 4,519,685, Cl. 354-154.000.
- Yamamoto, Hiroshi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,504,760, Cl. 310-323.000.

- Murakami, Hitomi: *See—*
  - Matsumoto, Shuichi; Hatori, Yoshinori; Murakami, Hitomi; and Yamamoto, Hideo, 4,546,386, Cl. 358-136.000.
- Murakami Kaimeido Co., Ltd.: *See—*
  - Kumai, Toshiyuki, 4,498,738, Cl. 350-637.000.
  - Nakayama, Kiyoshi, 4,499,342, Cl. 200-5.00E.
- Murakami, Kakuji: *See—*
  - Aruga, Tamotsu; Fujii, Tadashi; Murakami, Kakuji; and Akutsu, Eiichi, 4,554,555, Cl. 346-1.100.
  - Fujii, Tadashi; Yamaguchi, Tomoyuki; Murakami, Kakuji; Kawakami, Tomiko; and Uenozono, Hiroko, 4,508,570, Cl. 106-20.000.
- Murakami, Katsuhiko; and Iwamoto, Yoshio, to Kabushiki Kaisha Ishida Koki Seisakusho. Article feeding apparatus. 4,552,262, 11-12-85, Cl. 198-447.000.
- Murakami, Katsumi: *See—*
  - Komiya, Yutaka; Murakami, Katsumi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, 4,557,587, Cl. 355-14.00C.
- Murakami, Katsuo; Yamazaki, Hitoshi; Tanaka, Norihiko; and Ito, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Fluorescent discharge lamp. 4,559,470, 12-17-85, Cl. 313-487.000.
- Murakami, Katsuyuki; Hirakata, Kaoru; Shimoda, Shinichi; and Itai, Reiichi, to Japan Carlit Co., Ltd., The. Apparatus for electrolysis of saline water. 4,495,048, 1-22-85, Cl. 204-267.000.
- Murakami, Kazuhiro; Yamazoe, Hisamitsu; and Mizuno, Toshiaki, to Nippondenso Co., Ltd. Method and system for controlling the idle speed of an internal combustion engine at variable ignition timing. 4,506,639, 3-26-85, Cl. 123-339.000.
- Murakami, Kazuhito; and Takahashi, Kenichi, to Sumitomo Electric Industries, Ltd. Infrared light transmitting fiber and process for producing the same. 4,521,073, 6-4-85, Cl. 350-96.340.
- Murakami, Kazuhito; and Takahashi, Kenichi, to Sumitomo Electric Industries, Ltd. Crystalline infrared optical fiber with a small gap and a process for the production of same. 4,552,434, 11-12-85, Cl. 350-96.300.
- Murakami, Kazuhito: *See—*
  - Yokota, Minoru; Murakami, Kazuhito; and Takahashi, Kenichi, 4,504,298, Cl. 65-3.110.
- Murakami, Kazumasa: *See—*
  - Yamada, Kiyoshi; and Murakami, Kazumasa, 4,556,873, Cl. 340-630.000.
- Murakami, Keiichi: *See—*
  - Klepper, John R.; Reid, John M.; Miwa, Hirohide; Shimura, Takaki; and Murakami, Keiichi, 4,534,220, Cl. 73-599.000.
- Murakami, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor integrated circuit with isolation region made of dielectric material. 4,551,743, 11-5-85, Cl. 357-50.000.
- Murakami, Kenji: *See—*
  - Takino, Kenichi; Yamasaki, Eiji; and Murakami, Kenji, 4,533,316, Cl. 431-32.000.
- Murakami Kenya: *See—*
  - Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.
- Murakami, Koichi; and Oguro, Takeshi, to Nissan Motor Company, Limited. Semiconductor switching circuit with an overcurrent protection. 4,551,779, 11-5-85, Cl. 361-86.000.
- Murakami, Koichi: *See—*
  - Komiya, Yutaka; Kimura, Yoshimasa; and Murakami, Koichi, 4,497,568, Cl. 355-14.00R.
  - Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.
- Murakami, Kunihiko: *See—*
  - Nozawa, Ryoichiro; Kiya, Nobuyuki; and Murakami, Kunihiko, 4,510,427, Cl. 318-590.000.
- Murakami, Kunio, to Unitika Ltd. Stretched fluorine type film and method for manufacture thereof. 4,519,969, 5-28-85, Cl. 264-210.700.
- Murakami, Masahiro: *See—*
  - Tsutsui, Eiji; Yoshioka, Masahiro; Murakami, Masahiro; and Iwao, Noriyuki, 4,516,849, Cl. 355-15.000.
  - Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.
- Murakami, Masaki: *See—*
  - Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.
  - Segawa, Keiji; Naoi, Mikio; and Murakami, Masaki, 4,498,163, Cl. 369-126.000.
- Murakami, Masatsugi: *See—*
  - Koebisu, Mamoru; Shinzawa, Masayuki; and Murakami, Masatsugi, 4,522,887, Cl. 428-461.000.
- Murakami, Mitsuharu: *See—*
  - Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.
- Murakami, Muneo; and Ishizaki, Zentaro, to Showa Precision Machinery Co., Ltd.; and Kabushiki Kaisha Ecti Kenkyusho. Reciprocating type oil-free gas compressor. 4,495,855, 1-29-85, Cl. 92-71.000.
- Murakami, Mutsuaki; Hiromori, Yasutaka; and Naito, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Ink jet recording sheet. 4,503,118, 3-5-85, Cl. 428-323.000.
- Murakami, Mutsuaki: *See—*
  - Yoshimura, Susumu; and Murakami, Mutsuaki, 4,497,728, Cl. 252-514.000.
- Murakami, Nobuaki; and Oomori, Shogo, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Exhaust-gas recirculation system for internal combustion engine. 4,534,334, 8-13-85, Cl. 123-571.000.
- Murakami, Nobuaki: *See—*
  - Danno, Yoshiaki; and Murakami, Nobuaki, 4,494,503, Cl. 123-198.00F.
  - Endo, Norio; Danno, Yoshiaki; Nakagami, Tatsuro; and Murakami, Nobuaki, 4,494,502, Cl. 123-198.00F.
- Murakami, Osamu: *See—*
  - Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.
- Murakami, Reiji; Uchida, Kohachi; Nakatomi, Yoshitsugu; and Takahashi, Tomohiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Developing device with means to prevent scattering. 4,506,972, 3-26-85, Cl. 355-3.0DD.
- Murakami, Ryoichi; Uyeda, Yoshiyuki; Nishijima, Kanji; and Yanagihara, Tetsuo, to Nippon Paint Co., Ltd. Rust preventive cationic electrocoating. 4,533,683, 8-6-85, Cl. 523-414.000.
- Murakami, Saburo: *See—*
  - Satoh, Susumu; Mogi, Kinichi; Murakami, Saburo; and Nakashima, Toshiaki, 4,548,753, Cl. 260-410.000.
- Murakami, Satoshi: *See—*
  - Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, 4,492,906, Cl. 318-488.000.
- Murakami, Shigeomi: *See—*
  - Murakami, Yukihiro; Murakami, Shigeomi; and Maeda, Katsunosuke, 4,523,321, Cl. 373-110.000.
- Murakami, Shinichi; and Mihara, Takao, to Kubota, Ltd. Self-propelled mobile pipeline inspection apparatus and method for inspecting pipelines. 4,560,931, 12-24-85, Cl. 324-220.000.
- Murakami, Shinjiro; Hashimoto, Osamu; Morimoto, Kazuo; and Hyodo, Kaneaki, to Kawasaki Steel Corporation; and Mitsubishi Heavy Industries, Ltd. Method of cooling cold steel strip with cooling rolls. 4,495,009, 1-22-85, Cl. 148-128.000.
- Murakami, Shoetsu, to Yoshida Kogyo K.K. Separable slide fastener. 4,536,923, 8-27-85, Cl. 24-433.000.
- Murakami, Shohachi: *See—*
  - Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.
- Murakami, Shohei: *See—*
  - Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, 4,541,473, Cl. 164-444.000.
- Murakami, Shoichi: *See—*
  - Miyake, Yuzuru; Sugioka, Takami; Murakami, Shoichi; and Ibuki, Hideaki, 4,494,702, Cl. 242-18.00R.
- Murakami, Shuji: *See—*
  - Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, 4,527,279, Cl. 375-114.000.
- Murakami, Shusaku: *See—*
  - Tsutsui, Osamu; Murakami, Shusaku; Kuwahara, Hidehiko; and Yasunaga, Shigefumi, 4,501,261, Cl. 126-351.000.
- Murakami, Susumu: *See—*
  - Miyata, Kenji; Terasawa, Yoshio; Oikawa, Saburo; Murakami, Susumu; and Okamura, Masahiro, 4,514,747, Cl. 357-38.000.
- Murakami, Takashi, to Nissan Motor Company, Limited. Thigh support adjusting mechanism for vehicle seat. 4,491,365, 1-1-85, Cl. 297-312.000.
- Murakami, Takeshi: *See—*
  - Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.
  - Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, 4,542,395, Cl. 346-216.000.
- Murakami, Taku: *See—*
  - Chikugo, Kazuo; Murakami, Taku; and Inada, Yorihiko, 4,541,304, Cl. 74-579.00E.
- Murakami, Takuya; and Saotome, Masaru, to Nissan Motor Company, Limited. Power unit supporting structure. 4,560,027, 12-24-85, Cl. 180-312.000.
- Murakami, Tamotsu: *See—*
  - Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, 4,503,136, Cl. 430-106.600.

Murakami, Terukiyo, to Nissan Motor Company, Limited. Accelerator pedal control system for automotive vehicle. 4,519,360, 5-28-85, Cl. 123-399.000.

Murakami, Terukiyo, to Nissan Motor Company, Limited. Throttle control system for automotive vehicle. 4,519,361, 5-28-85, Cl. 123-399.000.

Murakami, Teruo; and Hoshino, Isao, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical type information read/write apparatus. 4,512,006, 4-16-85, Cl. 369-50.000.

Murakami, Teruo: *See—*

  Hoshino, Isao; and Murakami, Teruo, 4,530,018, Cl. 360-73.000.

Murakami, Tokumichi, to Mitsubishi Denki Kabushiki Kaisha. Vector quantizer. 4,558,350, 12-10-85, Cl. 358-21.00R.

Murakami, Tokumichi; and Asai, Kohtaro, to Mitsubishi Denki Kabushiki Kaisha. Vector quantizer. 4,560,977, 12-24-85, Cl. 340-347.0AD.

Murakami, Tomomi, to Citizen Watch Co., Ltd. Apparatus for measuring the quantity of physical exercise. 4,525,074, 6-25-85, Cl. 368-10.000.

Murakami, Toshiaki; Enomoto, Yoichi; and Inamura, Takahiro, to Nippon Telegraph & Telephone Public Corporation. Photodetecting device having Josephson junctions. 4,521,682, 6-4-85, Cl. 250-211.00J.

Murakami, Toshio; and Hanma, Kentaro, to Hitachi, Ltd. Automatic focusing system for video cameras. 4,531,158, 7-23-85, Cl. 358-227.000.

Murakami, Toshio: *See—*

  Hanma, Kentaro; Murakami, Toshio; and Todaka, Yoshihiro, 4,500,925, Cl. 358-227.000.

Murakami, Tsudoi; Nasu, Shoji; Tatsumi, Kazuaki; and Nagahama, Yasuhide, to Kabushiki Kaisha Kobe Seiko Sho. Method of multilayer welding. 4,508,953, 4-2-85, Cl. 219-125.100.

Murakami, Tsudoi: *See—*

  Kada, Hironosuke; Sekino, Teruyoshi; Murayama, Hirogazu; Tatsumi, Iazuaki; and Murakami, Tsudoi, 4,541,062, Cl. 364-513.000.

Murakami, Tsuyoshi: *See—*

  Tsutsumikoshi, Shinobu; Goto, Akira; Murakami, Tsuyoshi; Takasaka, Masao; and Shinohara, Yoshiki, 4,535,869, Cl. 180-311.000.

Murakami, Yasushi: *See—*

  Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.

  Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.

Murakami, Yoichi; Shoji, Akio; Takezawa, Shoichiro; Ishikawa, Noboru; and Morita, Toshiaki, to Dainippon Ink and Chemicals, Inc. Resin composition for powder coating. 4,499,239, 2-12-85, Cl. 525-111.000.

Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, to Sumitomo Chemical Company, Limited. Complex of biologically active protein with reactive high polymer having bonded thereto bifunctional chelate. 4,556,689, 12-3-85, Cl. 525-54.100.

Murakami, Yoshiaki: *See—*

  Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.

  Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,551,849, Cl. 381-86.000.

  Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, 4,550,428, Cl. 381-86.000.

Murakami, Yoshihiko; and Ohta, Noboru, to Fuji P.S. Concrete Co., Ltd. Apparatus for slide forming of prestressed concrete. 4,492,552, 1-8-85, Cl. 425-218.000.

Murakami, Yoshihiro; and Hosoya, Nobukazu, to Sanyo Electric Co., Ltd. Amplitude modulation circuit having stable modulation characteristics. 4,520,328, 5-28-85, Cl. 332-31.00T.

Murakami, Yoshikazu; and Yamada, Hiromi, to Sony Corporation. Ferromagnetic resonator. 4,547,754, 10-15-85, Cl. 333-219.000.

Murakami, Yoshinobu: *See—*

  Ito, Akio; Matsuda, Shunsuke; Murakami, Yoshinobu; and Tamura, Tooru, 4,536,267, Cl. 204-159.230.

Murakami, Yukihiro; Murakami, Shigeomi; and Maeda, Katsunosuke, to Toray Industries, Inc. Vertical carbonizing furnace for use in the production of carbon fibers. 4,523,321, 6-11-85, Cl. 373-110.000.

Murakami, Yukihiro: *See—*

  Arita, Yosihumi; Murakami, Yukihiro; and Yuasa, Miyabi, 4,545,762, Cl. 432-59.000.

  Katsuki, Kosuke; and Murakami, Yukihiro, 4,559,010, Cl. 432-59.000.

Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, to Canon Kabushiki Kaisha. Magnetic toner comprising magnetic powders having controlled size distribution. 4,543,312, 9-24-85, Cl. 430-107.000.

Murakawa, Tetsuya: *See—*

  Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, 4,514,787, Cl. 361-420.000.

Muraki, Asashi: *See—*

  Kitajima, Nobuyuki; Tachibana, Yoshinori; Muraki, Asashi; and Kuzuoka, Shinichi, 4,521,355, Cl. 264-60.000.

Muraki, Ryoji; Numata, Seiiti; and Hayashi, Kanji, to Kurashiki Boseki Kabushiki Kaisha. Fuel combustion control system. 4,545,009, 10-1-85, Cl. 364-164.000.

Muraki, Yu: *See—*

  Namba, Kazuya; Yano, Kazuya; Nakazima, Hirosi; and Muraki, Yu, 4,527,699, Cl. 215-1.00C.

Murakoshi, Makoto; and Ota, Takahiro, to Fuji Photo Film Co., Ltd. High frequency scalpel and endoscope system and method of operating same. 4,517,976, 5-21-85, Cl. 128-303.150.

Murakoshi, Makoto, to Fuji Photo Film Co., Ltd. Endoscope with signal transmission system and method of operating same. 4,519,391, 5-28-85, Cl. 128-303.150.

Murakoshi, Makoto, to Fuji Photo Film Co., Ltd. Sound recording system for electronic still camera. 4,531,161, 7-23-85, Cl. 360-10.100.

Murakoshi, Makoto: *See—*

  Inuiya, Masafumi; and Murakoshi, Makoto, 4,499,547, Cl. 364-571.000.

  Konishi, Masahiro; and Murakoshi, Makoto, 4,541,021, Cl. 360-35.100.

  Konishi, Masahiro; and Murakoshi, Makoto, 4,546,390, Cl. 360-10.300.

  Nishizawa, Jun-ichi; Ohmi, Tadahiro; Murakoshi, Makoto; and Shimanuki, Koji, 4,504,865, Cl. 358-213.000.

Murakoshi, Masaaki: *See—*

  Toyama, Fumiyasu; Murakoshi, Masaaki; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, 4,550,366, Cl. 364-136.000.

Murali, Beegamudre N.; Rosenberg, Jeffrey S.; and Cole, Clinton W., to Halliburton Company. Pumping apparatus. 4,527,954, 7-9-85, Cl. 417-46.000.

Muralidhara, Harapanahalli; Parekh, Bhupendra; and Senapati, Nagabhusan, to Battelle Memorial Institute. Solid-liquid separation process for fine particle suspensions by an electric and ultrasonic field. 4,561,953, 12-31-85, Cl. 204-182.300.

Muralidhara, Ranya: *See—*

  Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,517,385, Cl. 568-386.000.

  Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,547,594, Cl. 568-392.000.

  Pittet, Alan O.; Muralidhara, Ranya; and Hagedorn, Myrna L., 4,499,307, Cl. 568-355.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,501,904, Cl. 549-35.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,504,508, Cl. 426-535.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,514,429, Cl. 426-535.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,966, Cl. 549-30.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,967, Cl. 549-39.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,515,968, Cl. 549-39.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,521,613, Cl. 560-152.000.

  Pittet, Alan O.; Courtney, Thomas F., Jr.; and Muralidhara, Ranya, 4,552,770, Cl. 426-535.000.

  Pittet, Alan O.; Muralidhara, Ranya; and Vock, Manfred H., 4,557,941, Cl. 426-535.000.

Muramatsu, Akira, to Hitachi, Ltd. Semiconductor integrated circuit device and fabrication method thereof. 4,502,201, 3-5-85, Cl. 29-571.000.

Muramatsu, Eiichi; Matsumoto, Shigemi; and Nagoshi, Fumiya, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Thermoplastic resin composition having toughness and high heat distortion resistance. 4,518,742, 5-21-85, Cl. 525-67.000.

Muramatsu, Hiromochi; Watanabe, Atsushi; and Hara, Kunihiko, to Nippondenso Co., Ltd. Electrochromic display device. 4,547,046, 10-15-85, Cl. 350-357.000.

Muramatsu, Hiroshi: *See—*

  Kohri, Naomichi; Fukuda, Yutaka; and Muramatsu, Hiroshi, 4,495,535, Cl. 360-96.300.

Muramatsu, Kazuhiro; Watari, Yuuzi; Tajima, Masaru; and Nakaju, Isamu, to Lion Corporation. Hair cosmetic composition. 4,552,754, 11-12-85, Cl. 424-70.000.

Muramatsu, Keizi: *See—*

  Takahashi, Kunio; Oda, Noriyuki; Kido, Nobuyuki; and Muramatsu, Keizi, 4,540,184, Cl. 277-12.000.

Muramatsu, Kenji: *See—*

  Fukuda, Masahiro; Okabayashi, Akitoshi; Narahara, Tadashi; Muramatsu, Kenji; Miyazaki, Noriyuki; and Fukushima, Masanori, 4,546,527, Cl. 29-132.000.

Muramatsu, Kiyohide: *See—*

  Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,513,075, Cl. 430-108.000.

  Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,522,909, Cl. 430-137.000.

Muramatsu, Masamitsu: *See—*

  Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, 4,518,464, Cl. 204-1.00T.

Muramatsu, Michihisa: *See—*

  Ishizumi, Kikuo; Ohashi, Naohito; and Muramatsu, Michihisa, 4,540,695, Cl. 514-239.000.

Ishizumi, Kikuo; Muramatsu, Michihisa; Sato, Hiromi; Tanno, Norihiko; and Yoshida, Noboru, 4,545,936, Cl. 260-377.000.

Muramatsu, Motoyasu: *See—*

Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, 4,515,131, Cl. 123-491.000.

Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, 4,523,570, Cl. 123-478.000.

Muramatsu, Shigeki: *See—*

Ide, Junya; Muramatsu, Shigeki; Nakada, Yasuo; and Kitano, Noritoshi, 4,547,520, Cl. 514-450.000.

Muramatsu, Shigeru; Fujiwara, Yuji; Hayashida, Hazime; and Yamamoto, Jun, to Nippon Gakki Seizo Kabushiki Kaisha. Solenoid actuator for use in automatic performance piano. 4,513,652, 4-30-85, Cl. 84-20.000.

Muramatsu, Shigeru; Asai, Isao; and Morita, Takayuki, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method of automatic doffing in a spinning unit. 4,534,517, 8-13-85, Cl. 242-35.50A.

Muramatsu, Shigeru: *See—*

Kodama, Ikuo; Muramatsu, Shigeru; Terasaki, Kazunori; and Morita, Takayuki, 4,498,283, Cl. 57-261.000.

Mori, Mitsuo; Suzuki, Yoshihisa; Muramatsu, Shigeru; and Takasu, Shigeru, 4,510,648, Cl. 19-266.000.

Suzuki, Osamu; Morita, Takayuki; Muramatsu, Shigeru; and Asai, Isao, 4,541,577, Cl. 242-35.50A.

Muramatsu, Shinichi: *See—*

Kobayashi, Hiroshi; Muramatsu, Shinichi; Ichikawa, Yoshiro; and Mitsui, Seizo, 4,553,501, Cl. 118-669.000.

Muramatsu, Tateo; Kurihara, Mamoru; and Enami, Yasushi, to Bridgestone Tire Company Limited. Collapsible rubber dam. 4,498,810, 2-12-85, Cl. 405-115.000.

Muramatsu, Toshihiko; Kobayashi, Akio; Kondo, Toshio; Isomura, Shigenori; and Eino, Tomomi, to Nippondenso Co., Ltd. Fuel injection control. 4,492,202, 1-8-85, Cl. 123-478.000.

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Muramatsu, Toshio: *See—*

Itoh, Toyotsugu; and Muramatsu, Toshio, 4,496,209, Cl. 350-6.800.

Muramatsu, Toyojiro: *See—*

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Muramoto, Kazuhiko: *See—*

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Muramoto, Yutaka; and Ikegami, Taketoshi, to Terumo Kabushiki Kaisha. Electronic clinical thermometer. 4,549,819, 10-29-85, Cl. 374-178.000.

Muramoto, Yutaka: *See—*

Kobayashi, Susumu; Muramoto, Yutaka; Ishizaka, Hideo; and Ishii, Yoshinori, 4,556,837, Cl. 320-2.000.

Muranaka, Akio: *See—*

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Tanaka, Hideo; and Muranaka, Shiaru, 4,535,583, Cl. 53-75.000.

Muranaka, Yuuichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic diagnostic apparatus. 4,537,199, 8-27-85, Cl. 128-660.000.

Murano, Kazuo; Soejima, Tetsuo; and Amemiya, Shigeo, to Fujitsu Limited. Method and apparatus for adjusting channel insertion timing. 4,562,573, 12-31-85, Cl. 370-85.000.

Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, to Labor Muszeripari Muvek. Blood typing apparatus. 4,533,638, 8-6-85, Cl. 435-288.000.

Murao, Masami, to Kabushiki Kaisha Murao. Connection for a jewelry band. 4,532,682, 8-6-85, Cl. 24-616.000.

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Murao, Yutaka; and Nishizono, Taira, to Tokyo Shibaura Denki Kabushiki Kaisha. A-D converter and method of A-D conversion. 4,521,763, 6-4-85, Cl. 340-347.0AD.

Muraoka, Hisashi: *See—*

Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.

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Muraoka, Masami: *See—*

Ono, Keiichi; Sugie, Akihiko; Muraoka, Masami; and Yamamoto, Michihiro, 4,537,989, Cl. 562-501.000.

Muraoka, Shigetaro; and Sakamoto, Mineo. Anti-howl back device. 4,493,101, 1-8-85, Cl. 381-93.000.

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Murase, Daihachiro. Combustion means for solid fuel of low ash content. 4,532,913, 8-6-85, Cl. 126-58.000.

Murase, Ichiki; Ohnishi, Toshihiro; and Noguchi, Takanobu, to Agency of Industrial Science and Technology. Highly electroconductive conjugated polymer composition and process for producing the same. 4,528,118, 7-9-85, Cl. 252-500.000.

Murase, Katsumi; and Mizushima, Yoshihiko, to Nippon Telegraph & Telephone Public Corporation. Electrode and semiconductor device provided with the electrode. 4,521,794, 6-4-85, Cl. 357-2.000.

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Kawamoto, Kinji; Tsukamoto, Masao; Murase, Kazuhiro; Kaneaki, Tetsuhiko; and Nikaido, Masataka, 4,536,853, Cl. 364-718.000.

Murase, Kazuo; Watanabe, Toshihiko; Takeuchi, Naoki; and Maruyama, Tokuji, to Kabushiki Kaisha Kobe Seiko Sho. DC welding power supply system. 4,503,316, 3-5-85, Cl. 219-130.320.

Murase, Kiyoshi; Mase, Toshiyasu; and Tomioka, Kenichi to Yamanouchi Pharmaceutical Co., Ltd. 2-phenylimidazo [2,1-b]benzothiazole derivatives. 4,497,817, 2-5-85, Cl. 548-150.000.

Murase, Koji, to Tokyo Shibaura Denki Kabushiki Kaisha. Air guide arrangement for a drum-type drier. 4,550,509, 11-5-85, Cl. 34-133.000.

Murase, Makoto; and Usuki, Arimitsu, to Kabushiki Kaisha Toyota Chuo Kenkyusho. N-type polyacetylene and a process for producing the same. 4,528,122, 7-9-85, Cl. 252-518.000.

Murase, Masakazu, to Terumo Kabushiki Kaisha. Electronic clinical thermometer. 4,537,518, 8-27-85, Cl. 374-188.000.

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Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.

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Murase, Shigemitsu, to Unitika Ltd. Finish composition for polyester fiber for rubber reinforcement. 4,520,050, 5-28-85, Cl. 427-381.000.

Murase, Shigemitsu. Method of treating polyester material for rubber reinforcement. 4,535,107, 8-13-85, Cl. 524-157.000.

Murase, Shigemitsu, to Unitika Ltd. Method of manufacturing polyester fibers with good adhesion to rubber. 4,536,526, 8-20-85, Cl. 523-433.000.

Murase, Takao: *See—*

Kato, Nobuhide; and Murase, Takao, 4,512,871, Cl. 204-429.000.

Kato, Nobuhide; and Murase, Takao, 4,528,086, Cl. 204-427.000.

Murase, Yoshihiko: *See—*

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Hiramitsu, Tetsushi; Sugita, Hiroshi; Ono, Satoshi; and Murase, Zenzaburo, 4,561,324, Cl. 74-498.000.

Murasugi, Takashi; Morimoto, Yoshiro; Suga, Masaaki; and Niikura, Yasuhiro, to Nissan Motor Company, Limited. Lockup torque converter having slip control means. 4,560,043, 12-24-85, Cl. 192-3.310.

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Murata, Akio: *See—*

Kobayashi, Hisamine; Ishiguro, Tomihiro; and Murata, Akio, 4,517,771, Cl. 51-163.200.

Murata, Akira: *See—*

Hashimoto, Kiyoyasu; Murata, Akira; Kojima, Kiyoteru; Nakamatzu, Toshio; and Takeshita, Akira, 4,529,406, Cl. 8-691.000.

- Murata, Bunjiro: *See—*
  - Ito, Katsuo; Murata, Bunjiro; and Yoshimura, Kazunori, 4,507,627, Cl. 333-105.000.
- Murata, Hideki: *See—*
  - Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, 4,537,824, Cl. 428-323.000.
  - Asano, Masao; Sunaga, Tetsuro; Murata, Hideki; and Matsumoto, Kazumasa, 4,546,044, Cl. 428-413.000.
  - Kawakami, Sota; Murata, Hideki; Matsunaga, Satoshi; and Kiriki, Toshihiko, 4,495,345, Cl. 528-372.000.
  - Wada, Tsuneo; Tamaki, Kiyoshi; Murata, Hideki; Terada, Sadatugu; and Takagiwa, Hiroyuki, 4,507,378, Cl. 430-137.000.
- Murata, Katsuaki: *See—*
  - Harada, Koosuke; and Murata, Katsuaki, 4,553,199, Cl. 363-75.000.
  - Harada, Kosuke; Murata, Katsuaki; and Nakamizo, Takazi, 4,556,802, Cl. 307-66.000.
- Murata, Kazuou: *See—*
  - Makino, Hiroshi; Higuchi, Masaru; and Murata, Kazuou, 4,514,084, Cl. 356-4.000.
- Murata, Kazushige: *See—*
  - Aoyama, Fumihiko; Murata, Kazushige; and Hayashi, Masahiro, 4,528,152, Cl. 264-87.000.
- Murata, Kenji: *See—*
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- Murata Kikai Kabushiki Kaisha: *See—*
  - Baba, Susumu, 4,505,098, Cl. 57-22.000.
  - Deno, Koji, 4,494,366, Cl. 57-22.000.
  - Fujiwara, Michiaki; and Ikeda, Toshiharu, 4,550,886, Cl. 242-35.60E.
  - Fukunaga, Mitsuo; and Nagao, Isao, 4,505,099, Cl. 57-86.000.
  - Kato, Hisaaki, 4,553,290, Cl. 19-244.000.
  - Kawarabashi, Tsukasa; and Takahashi, Shinji, 4,541,578, Cl. 242-35.50A.
  - Kimura, Hidetoshi, 4,549,392, Cl. 57-22.000.
  - Maeda, Yoshiyasu; Ueura, Akira; Sato, Kazuyoshi; and Watanabe. Katsunori, 4,555,069, Cl. 242-43.00R.
  - Matsui, Isamu; and Mima, Hiroshi, 4,537,019, Cl. 57-202.000.
  - Matsui, Isamu; and Deno, Koji, 4,538,407, Cl. 57-22.000.
  - Matsui, Isamu; Yamamoto, Yoshio; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimamoto, Akira, 4,544,107, Cl. 242-35.50A.
  - Matsui, Isamu; and Ueda, Yutaka, 4,553,708, Cl. 242-36.000.
  - Mima, Hiroshi, 4,494,368, Cl. 57-22.000.
  - Mima, Hiroshi, 4,505,097, Cl. 57-22.000.
  - Mima, Hiroshi. 4,555,899, Cl. 57-22.000.
  - Mitani, Yoshio, 4,526,502, Cl. 414-282.000.
  - Nakahara, Teiji; and Morihashi, Toshifumi, 4,497,167, Cl. 57-328.000.
  - Nakahara, Teiji; Sakai, Shoji; Noda, Koshi; Fujiwara, Michiaki; and Kubota, Nobunori, 4,535,944, Cl. 242-35.50A.
  - Noguchi, Kazuyoshi, 4,507,912, Cl. 57-22.000.
  - Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,517,794, Cl. 57-304.000.
  - Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,538,329, Cl. 19-244.000.
  - Sakai, Shojo; Kato, Hisaaki; Samoto, Yoshihiko; and Inada, Kenichi, 4,491,831, Cl. 340-677.000.
  - Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, 4,534,692, Cl. 414-282.000.
  - Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, 4,538,950, Cl. 414-222.000.
  - Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, 4,547,955, Cl. 29-568.000.
  - Tone, Syoichi; Deno, Koji; and Matsushima, Akio, 4,496,108, Cl. 242-18.0PW.
  - Tone, Syoiti; and Kubota, Norio, 4,512,526, Cl. 242-36.000.
  - Uematsu, Ikuzo, 4,551,887, Cl. 19-244.000.
  - Yoshida, Kaichiro; and Ueda, Yutaka, 4,527,597, Cl. 139-68.000.
- Murata Manufacturing Co., Ltd.: *See—*
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  - Futakuchi, Tomoaki, 4,562,404, Cl. 329-118.000.
  - Imamura, Eiji; and Shoji, Toshio, 4,527,229, Cl. 363-126.000.
  - Inoue, Jiro, 4,503,352, Cl. 310-359.000.
  - Inoue, Jiro, 4,532,451, Cl. 310-353.000.
  - Ito, Katsuo; Murata, Bunjiro; and Yoshimura, Kazunori, 4,507,627, Cl. 333-105.000.
  - Ito, Katsuo; Yoshimura, Kazunori; Tsuji, Kazuhiro; and Kontani, Kazuo, 4,532,485, Cl. 334-51.000.
  - Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, 4,514,787, Cl. 361-420.000.
  - Kaneko, Toshimi, 4,504,766, Cl. 313-634.000.
  - Kanoh, Osamu; and Senda, Atsuo, 4,554,209, Cl. 428-334.000.
  - Kasanami, Tohru; Tani, Hirozi; and Yokoi, Tsutomu, 4,547,310, Cl. 252-511.000.
  - Kawabata, Kenji; and Sakabe, Yukio, 4,552,853, Cl. 501-134.000.
  - Kumokawa, Takashi; Tamada, Minoru; Shimamoto, Ichiji; and Uda, Kiyoko, 4,498,067, Cl. 336-65.000.
  - Maeba, Yukio, 4,510,562, Cl. 363-19.000.
  - Mandai, Harufumi; Iwai, Kiyoshi; and Naito, Yasuyuki, 4,533,931, Cl. 357-10.000.
  - Mandai, Harufumi; and Tomono, Kunisaburo. 4,543,553, Cl. 336-83.000.
  - Murata, Michihiro; and Kumada, Akira, 4,497,701, Cl. 204-430.000.
  - Murata, Michihiro; and Kitao, Shoichi, 4,522,060, Cl. 73-336.500.
  - Murata, Michihiro; and Kumada, Akira, 4,523,142, Cl. 324-65.00R.
  - Murata, Michihiro, 4,562,045, Cl. 422-102.000.
  - Nakamura, Takeshi; Nishiyama, Hiroshi; Matsuda, Satoshi; and Matsumoto, Ikuo, 4,511,821, Cl. 310-354.000.
  - Nakamura, Takeshi; Matsumoto, Ikuo; and Ando, Kenji, 4,562,372, Cl. 310-321.000.
  - Nakatani, Hiroshi, 4,492,892, Cl. 310-345.000.
  - Nakatani, Hiroshi, 4,503,350, Cl. 310-321.000.
  - Nishikawa, Toshio; Ishikawa, Youhei; and Yorita, Tadahiro, 4,546,334, Cl. 333-206.000.
  - Nishikawa, Toshio; and Yorita, Tadahiro, 4,559,508, Cl. 333-202.000.
  - Ogawa, Toshio; and Kittaka, Toshihiko, 4,511,483, Cl. 252-62.900.
  - Okabe, Shinsei; Komatsu, Hiroshi; Hamaji, Yukio; Kojima, Shozo; and Kato, Yoshiharu, 4,537,865, Cl. 501-135.000.
  - Sakamoto, Yukio; and Tanabe, Takeshi, 4,514,782, Cl. 361-306.000.
  - Sakamoto, Yukio; and Tanabe, Takeshi, 4,532,573, Cl. 361-307.000.
  - Senda, Atsuo; Kasanami, Tohru; and Nakagawa, Takuji, 4,508,756, Cl. 427-81.000.
  - Shikama, Takashi; Yamamoto, Tomoyuki; and Takaoka, Yuichi, 4,504,817, Cl. 338-23.000.
  - Shikama, Takashi; Yamamoto, Tomoyuki; and Yokota, Atsuo, 4,516,054, Cl. 315-71.000.
  - Sugitani, Masami, 4,493,007, Cl. 361-307.000.
  - Sumita, Manabu; and Yamashita, Toshiaki, 4,496,871, Cl. 310-324.000.
  - Tamada, Minoru; Kumokawa, Takashi; and Shimamoto, Ichiji, 4,553,123, Cl. 336-83.000.
  - Tamura, Sadahiro; and Nishikawa, Toshio, 4,528,655, Cl. 369-126.000.
  - Tanaka, Yukio; and Chigodo, Yoshikazu, 4,556,929, Cl. 361-321.000.
  - Wakino, Kikuo, 4,507,630, Cl. 333-182.000.
  - Yamamoto, Takashi; and Kitajima, Houdo, 4,542,315, Cl. 310-348.000.
  - Yoneda, Yasunobu, 4,535,064, Cl. 501-138.000.
- Murata, Masami: *See—*
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- Murata, Masanori; and Hayashi, Isao, to Nissan Motor Company, Limited. Supporting structure for a floor-mounted type speed change lever. 4,524,633, 6-25-85, Cl. 74-473.00R.
- Murata, Masanori: *See—*
  - Tomisawa, Yoshiaki; Kinoda, Seiji; Fujita, Eiji; Murata, Masanori; Takeuchi, Toshio; and Ogawa, Ken, 4,517,282, Cl. 430-399.000.
- Murata, Masataka: *See—*
  - Takimoto, Masaaki; Saida, Takashi; and Murata, Masataka, 4,495,276, Cl. 430-527.000.
- Murata, Masayoshi: *See—*
  - Takaya, Takao; Inoue, Yoshikazu; Yasuda, Nobuyoshi; and Murata, Masayoshi, 4,493,834, Cl. 424-246.000.
  - Takaya, Takao; Takasugi, Hisashi; Murata, Masayoshi; and Yoshioka, Akiteru, 4,529,802, Cl. 548-194.000.
  - Takaya, Takao; Inoue, Yoshikazu; Murata, Masayoshi; and Takasugi, Hisashi, 4,533,738, Cl. 548-194.000.
- Murata, Michihiro; and Kumada, Akira, to Murata Manufacturing Co., Ltd. Humidity sensitive device. 4,497,701, 2-5-85, Cl. 204-430.000.
- Murata, Michihiro; and Kitao, Shoichi, to Murata Manufacturing Co., Ltd. Dry/dew/frost sensor. 4,522,060, 6-11-85, Cl. 73-336.500.
- Murata, Michihiro; and Kumada, Akira, to Murata Manufacturing Co., Ltd. Apparatus for sensing dew and frost. 4,523,142, 6-11-85, Cl. 324-65.00R.
- Murata, Michihiro, to Murata Manufacturing Co., Ltd. Carrier for holding analytical samples. 4,562,045, 12-31-85, Cl. 422-102.000.
- Murata, Mitsuru: *See—*
  - Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, 4,544,338, Cl. 418-63.000.
- Murata, Moriyasu: *See—*
  - Kuroda, Muthmi; Murata, Moriyasu; Takeda, Tsunesi; and Tamura, Junich, 4,526,698, Cl. 252-99.000.
- Murata, Nobuo: *See—*
  - Takahashi, Toshikatsu; and Murata, Nobuo, 4,561,774, Cl. 355-75.000.
- Murata, Norio; Hoshino, Mitsutoshi; and Yamakawa, Shinzo, to Nippon Telegraph & Telephone Public Corporation. Protective packaging assembly and method. 4,509,820, 4-9-85, Cl. 350-96.210.
- Murata, Ryoji: *See—*
  - Sawai, Nobushige; Miyasaka, Kaneyoshi; and Murata, Ryoji, 4,541,165, Cl. 29-568.000.
- Murata, Seiichiro; Yoshioka, Toshio; Kamei, Sakito; Hiramatsu, Yoshitada; Takeuchi, Shin; and Yamawaki, Yoshiro, to Hitachi Zosen Corporation. Double hulled ship with longitudinal reinforcements. 4,548,154, 10-22-85, Cl. 114-355.000.
- Murata, Shinichi: *See—*
  - Inomata, Koichiro; and Murata, Shinichi, 4,517,017, Cl. 75-123.00B.
  - Inomata, Koichiro; and Murata, Shinichi, 4,537,517, Cl. 374-21.000.
- Murata, Shinji: *See—*
  - Takeda, Hiroaki; Tanaka, Kano; and Murata, Shinji, 4,519,697, Cl. 355-14.00R.
- Murata, Shirou; Yoshiyasu, Hajimu; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, to Mitsubishi Denki Kabushiki Kaisha. Circuit breaker with arc light absorber. 4,516,002, 5-7-85, Cl. 200-144.00C.
- Murata, Shirou: *See—*
  - Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,003, Cl. 200-144.00C.

- Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,521,653, Cl. 200-144.00C.
- Murata, Tadateru: *See—*
  - Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.
- Murata, Taneo, to Alps Electric Co., Ltd. Locking type pushbutton switch. 4,514,608, 4-30-85, Cl. 200-153.00J.
- Murata, Taneo, to Alps Electric Co., Ltd. Locking type pushbutton switch. 4,531,032, 7-23-85, Cl. 200-153.00J.
- Murata, Tomoji; Hayashi, Masamichi; Goto, Yasuo; and Sakurai, Seiichi, to Minolta Camera Kabushiki Kaisha. Slit illumination system for copying machine and the like. 4,518,249, 5-21-85, Cl. 355-67.000.
- Murata, Tomoji: *See—*
  - Shibazaki, Kenji; Irie, Yutaka; Ito, Masazumi; and Murata, Tomoji, 4,543,643, Cl. 364-900.000.
- Murata, Toshinori; Ito, Yuji; and Kazumi, Masafumi, to Hitachi, Ltd. Ghost reduction circuit for a television receiver. 4,559,560, 12-17-85, Cl. 358-167.000.
- Murata, Toshio; Kushida, Hachiro; and Irie, Kenji, to Citizen Watch Co., Ltd. Method for finishing matted surface on a metal-made article for personal ornament. 4,507,184, 3-26-85, Cl. 204-129.350.
- Murata, Yasuzo; and Sato, Hiroshi, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Magnetic display panel. 4,536,428, 8-20-85, Cl. 428-117.000.
- Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, to Kuraray Co., Ltd. Polyester, adhesives comprising the same, and laminates and laminated hollow vessels made thereof. 4,496,714, 1-29-85, Cl. 528-272.000.
- Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, to Kuraray Co., Ltd. Polyester, adhesives comprising the same, and laminates and laminated hollow vessels made thereof. 4,504,531, 3-12-85, Cl. 428-35.000.
- Murauchi, Akitsugu: *See—*
  - Uemura, Masayuki; Murauchi, Akitsugu; and Izushi, Takehiro, 4,521,020, Cl. 273-85.00G.
- Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, to Hitachi, Ltd. Scroll-type fluid machine with back pressure chamber biasing an orbiting scroll member. 4,557,675, 12-10-85, Cl. 418-55.000.
- Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, to Hitachi, Ltd. Scroll device with suction chamber pressure relief. 4,560,330, 12-24-85, Cl. 418-55.000.
- Murayama, Akira: *See—*
  - Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, 4,551,082, Cl. 418-55.000.
  - Mizuno, Takao; Uchikawa, Naoshi; Murayama, Akira; and Tamura, Takahiro, 4,518,324, Cl. 417-366.000.
  - Tamura, Takahiro; Kuno, Hiroaki; Uchikawa, Naoshi; Murayama, Akira; and Mizuno, Takao, 4,545,747, Cl. 418-55.000.
- Murayama, Fumiaki; and Handa, Shizuo, to Nippondenso Co., Ltd. Fuel injection timing device for internal combustion engines. 4,497,303, 2-5-85, Cl. 123-501.000.
- Murayama, Hirogazu: *See—*
  - Kada, Hironosuke; Sekino, Teruyoshi; Murayama, Hirogazu; Tatsumi, Iazuaki; and Murakami, Tsudoi, 4,541,062, Cl. 364-513.000.
- Murayama, Hirokazu: *See—*
  - Ogata, Yohji; Aida, Isao; Murayama, Hirokazu; and Shibuya, Kenjiro, 4,532,409, Cl. 219-137.00R.
- Murayama, Hiroshi: *See—*
  - Minamide, Hiroshi; Shintani, Takashi; and Murayama, Hiroshi, 4,533,525, Cl. 428-469.000.
- Murayama, Hisao: *See—*
  - Hashimoto, Mitsuru; Kawabata, Toshiyasu; Nanya, Toshiki; and Murayama, Hisao, 4,554,233, Cl. 430-106.600.
- Murayama, Junichiro: *See—*
  - Moroishi, Taishi; Fujikawa, Hisao; Murayama, Junichiro; and Shoji, Yuji, 4,530,720, Cl. 75-128.00A.
- Murayama, Ken: *See—*
  - Shimada, Satoshi; Murayama, Ken; Kobori, Shigeyuki; and Kawakami, Kanji, 4,511,878, Cl. 338-4.000.
- Murayama, Kosho, to Dai Nippon Insatsu Kabushiki Kaisha. Apparatus for affixing labels to moving web. 4,547,250, 10-15-85, Cl. 156-384.000.
- Murayama, Kosho: *See—*
  - Hikosaka, Shinichi; Murayama, Kosho; Fukuura, Shinichi; and Yanase, Takaomi, 4,519,906, Cl. 210-223.000.
- Murayama, Koushou: *See—*
  - Tachibana, Eiichi; Murayama, Koushou; and Isumi, Kenzo, 4,549,923, Cl. 156-423.000.
- Murayama, Masaki; and Iida, Manjiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Data transfer system for a data processing system provided with direct memory access units. 4,514,808, 4-30-85, Cl. 364-200.000.
- Murayama, Masato, to Honda Giken Kogyo Kabushiki Kaisha. Communication system for a motor vehicle. 4,517,417, 5-14-85, Cl. 179-156.00R.
- Murayama, Masayoshi: *See—*
  - Otake, Masayuki; Murayama, Masayoshi; and Kawaragi, Yuji, 4,520,127, Cl. 502-209.000.
- Murayama, Naohiro: *See—*
  - Doi, Hideaki; Kokubun, Kenichi; Sakagami, Teruo; and Murayama, Naohiro, 4,504,631, Cl. 525-327.300.
  - Mizuno, Toshiya; and Murayama, Naohiro, 4,546,158, Cl. 526-255.000.
  - Wagu, Masakatsu; Hayashi, Shoichiro; Murayama, Naohiro; and Sakagami, Teruo, 4,497,710, Cl. 210-635.000.
- Murayama, Noboru: *See—*
  - Ogawa, Mutsuo; and Murayama, Noboru, 4,504,115, Cl. 358-260.000.
  - Suzuki, Kazuhiro; and Murayama, Noboru, 4,562,486, Cl. 358-282.000.
- Murayama, Noriaki; and Abe, Kiyoto, to Alps Electric Co., Ltd. Head adjusting disk. 4,555,738, 11-26-85, Cl. 360-75.000.
- Murayama, Seiichi: *See—*
  - Yasuda, Makoto; and Murayama, Seiichi, 4,523,096, Cl. 250-373.000.
- Murayama, Takeshi: *See—*
  - Hanaoka, Yuzuru; Murayama, Takeshi; Muramoto, Setsuo; and Matsuura, Tamizo, 4,533,518, Cl. 422-70.000.
- Murayama, Tomio; Kikuchi, Yoshiki; and Ohmori, Takashi, to Fuji Xerox Co., Ltd. Printing system. 4,517,560, 5-14-85, Cl. 340-790.000.
- Murayama, Yoshimasa: *See—*
  - Shiraki, Yasuhiro; Murayama, Yoshimasa; Katayama, Yoshifumi; and Maruyama, Eiichi, 4,559,547, Cl. 357-23.200.
- Murbach, Erwin; and Peter, Jean, to Zellweger Uster Ltd. Device for the determination of the amount of substance or the density of fiber structures. 4,549,428, 10-29-85, Cl. 73-32.00R.
- Murchison, Craig B., to Dow Chemical Company, The. Selective poisoning of Fischer-Tropsch catalysts. 4,539,334, 9-3-85, Cl. 518-717.000.
- Murchison, Craig B.: *See—*
  - Klun, Robert T.; Murchison, Craig B.; and Hucul, Dennis A., 4,554,391, Cl. 570-231.000.
- Murck, Sanford C.; and Dolejs, Anthony H., to Ardac, Inc. Note receptacle for currency validator. 4,504,052, 3-12-85, Cl. 271-9.000.
- Murcko, Joseph S. Combination lawnmower and edger. 4,551,967, 11-12-85, Cl. 56-13.700.
- Murdick, Brian K.; and Haase, William H., to International Paper Company. Taco tray. 4,535,891, 8-20-85, Cl. 206-564.000.
- Murdoch, George, to Avon Murdoch Limited. Bed pan and urine bottle washing and disinfecting machines. 4,527,843, 7-9-85, Cl. 312-31.200.
- Murdock, David L.: *See—*
  - Mills, Harold E.; Murdock, David L.; Ramer, Richard M.; and Sale, Francis M., 4,521,392, Cl. 423-317.000.
- Murdock, Keith C.; and Webb, Richard L., to American Cyanamid Company. Polymeric[[(oxazolidinyl)alkyl]amino]anthraquinones. 4,526,788, 7-2-85, Cl. 514-374.000.
- Murdock, Keith C.; and Durr, Frederick E., to American Cyanamid Company. 1,4-bis (substituted-amino)-5,8-dihydroxy-anthraquinones and leuco bases thereof. 4,526,989, 7-2-85, Cl. 549-316.000.
- Murdock, Keith C.; and Durr, Frederick E., to American Cyanamid Company. 1,4-bis(substituted-amino)-5,8-dihydroxyanthraquinones and leuco bases thereof. 4,540,519, 9-10-85, Cl. 260-380.000.
- Murdock, Keith C.; and Durr, Frederick E., to American Cyanamid Company. Method of treating tumors in warm-blooded animals. 4,540,583, 9-10-85, Cl. 514-656.000.
- Murdock, Keith C., to American Cyanamid Company. Schiff bases of [(aminoalkyl or substituted aminoalkyl)amino]-9,10-anthracenediones. 4,540,788, 9-10-85, Cl. 546-264.000.
- Murdock, Keith C.: *See—*
  - Lang, Stanley A., Jr.; and Murdock, Keith C., 4,515,954, Cl. 548-109.000.
- Murdock, Michael J.: *See—*
  - Stelcher, William N.; and Murdock, Michael J., 4,497,420, Cl. 221-13.000.
- Murfitt, Raymond G., to Dobson Park Industries Limited. Coal face support. 4,560,306, 12-24-85, Cl. 405-295.000.
- Murgai, Ashok: *See—*
  - Ghosh, Hitendra; Murgai, Ashok; and Westdorp, Wolfgang A., 4,511,428, Cl. 156-601.000.
- Muri, David L., to Motorola, Inc. Apparatus and method for suppressing side lobe response in a digitally sampled system. 4,513,385, 4-23-85, Cl. 364-572.000.
- Muri, David L.: *See—*
  - Higgins, Mary L.; and Muri, David L., 4,501,017, Cl. 455-78.000.
- Murib, Jawad H., to National Distillers and Chemical Corporation. Process for the preparation of unsaturated aldehydes and carboxylic acids. 4,499,301, 2-12-85, Cl. 562-546.000.
- Murib, Jawad H.; and Kahn, John H., to National Distillers and Chemical Corporation. Process for preparing gamma-caprolactone from polycaprolactone. 4,550,181, 10-29-85, Cl. 549-326.000.
- Murib, Jawad H., to National Distillers and Chemical Corporation. Catalyst for the preparation of unsaturated aldehydes and carboxylic acids. 4,552,860, 11-12-85, Cl. 502-242.000.
- Murjahn, Waldemar, to Mignon-Media GmbH. Antiglare shield for exterior mirrors. 4,560,251, 12-24-85, Cl. 350-283.000.
- Murley, Jackie D., to Co-Exx Pipe Company, Inc. Apparatus for injection molding polymeric articles. 4,527,970, 7-9-85, Cl. 425-404.000.
- Murley, Jackie D.; and Johnson, Marion, to Cosden Technology, Inc. Apparatus for making a thin walled container from a plastic resin. 4,536,148, 8-20-85, Cl. 425-387.100.
- Murley, Jackie D.; and Johnson, Marion, to Cosden Technology, Inc. Process for making a thin walled container from a plastic resin. 4,552,717, 11-12-85, Cl. 264-549.000.

Murley, Jackie D.: *See—*
- Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., 4,499,041, Cl. 264-173.000.
- Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., 4,507,071, Cl. 425-133.100.

Murnan, Leo R.: *See—*
- Friesz, Robert E., 4,510,663, Cl. 29-429.000.

Muro, Hideo: *See—*
- Hoshino, Shigeo; Takenaka, Kazuhiro; and Muro, Hideo, 4,507,705, Cl. 361-283.000.

Muro Kinzoku Kogyo Co., Ltd.: *See—*
- Ishikawa, Shigeru, 4,517,863, Cl. 81-434.000.

Muroi, Akira; Sano, Masakatsu; Kamiya, Junichi; Okajima, Masao; and Inoue, Arifumi, to Nissan Motor Company, Limited. Vibration-absorbing system for an automotive vehicle. 4,538,697, 9-3-85, Cl. 180-68.400.

Muroi, Hiroshi: *See—*
- Sato, Hisashi, 4,542,547, Cl. 5-453.000.

Muroi, Katsumi; Yamamoto, Akio; Nakamura, Yoichi; Takahashi, Toshihiko; and Maruko, Morihisa, to Hitachi, Ltd. Upgrading method of low-rank coal. 4,559,060, 12-17-85, Cl. 44-23.000.

Muroi, Katsumi: *See—*
- Kuge, Toshio; Yokoyama, Hiroshi; Nogita, Shunsuke; Nakamura, Yoichi; and Muroi, Katsumi, 4,523,927, Cl. 44-1.00B.
- Nakamura, Yoichi; Yamamoto, Akio; Nogita, Shunsuke; Kuge, Toshio; and Muroi, Katsumi, 4,511,363, Cl. 44-1.00G.

Muroi, Masayuki: *See—*
- Hasegawa, Toru; Muroi, Masayuki; and Tanida, Seiichi, 4,512,975, Cl. 424-121.000.
- Tanida, Seiichi; Muroi, Masayuki; and Hasegawa, Toru, 4,540,517, Cl. 260-239.30B.

Murokawa, Masayuki: *See—*
- Yoshida, Kei; Murokawa, Masayuki; and Nomura, Toshiaki, 4,501,090, Cl. 49-264.000.

Murooka, Hideyasu: *See—*
- Yamada, Osamu; Murooka, Hideyasu; Ono, Kaoru; and Miyashita, Akimi, 4,557,792, Cl. 156-583.100.

Murota, Junichi: *See—*
- Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.

Murotani, Tatsunori, to Nippon Electric Co., Ltd. Logic circuit with improved hysteresis characteristics. 4,553,045, 11-12-85, Cl. 307-279.000.

Murphey, Joseph R., to Halliburton Company. Rapidly dissolvable silicates and methods of using the same. 4,521,136, 6-4-85, Cl. 405-263.000.

Murphy, Alan S., to International Business Machines Corporation. Raster CRT having balanced pel distribution for flicker reduction. 4,521,774, 6-4-85, Cl. 340-745.000.

Murphy, Andrew H., to Metals Production Research, Inc. Process for electrolytic recovery of titanium metal sponge from its ore. 4,518,426, 5-21-85, Cl. 75-112.000.

Murphy, Arthur B.: *See—*
- Dey, Phillip; Fearns, Peter; Plessner, Karl W.; Pickup, Kenneth H.; Gaylard, Bernard; and Murphy, Arthur B., 4,491,387, Cl. 350-96.230.

Murphy, Arthur J.; and Stratton, Joseph F. Supermarket inventory control system and method. 4,554,446, 11-19-85, Cl. 235-487.000.

Murphy, Bernard J., to Ingersoll-Rand Company. Steering means for, and in combination with, an articulated vehicle. 4,505,349, 3-19-85, Cl. 180-136.000.

Murphy, Betty J.: *See—*
- Smith, James A.; and Murphy, Betty J., 4,537,914, Cl. 521-111.000.
- Smith, James A.; and Murphy, Betty J., 4,548,954, Cl. 521-52.000.
- Smith, James A.; and Murphy, Betty J., 4,551,481, Cl. 521-52.000.

Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., to St. Jude Children's Research Hospital. Use in an animal host and precursors for vaccines utilizing avian-human reassortants to combat influenza A virus. 4,552,757, 11-12-85, Cl. 424-89.000.

Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., to St. Jude Children's Research Hospital. Human use of avian-human reassortants as vaccines for influenza A virus. 4,552,758, 11-12-85, Cl. 424-89.000.

Murphy, Charles J., to Sperry Corporation. Convergence control apparatus for color cathode ray tube display systems. 4,500,816, 2-19-85, Cl. 315-368.000.

Murphy, David A.; and Spellar, Peter C., to Frick Company. Microprocessor control of moveable slide stop and a moveable slide valve in a helical screw rotary compressor. 4,516,914, 5-14-85, Cl. 417-282.000.

Murphy, David A.; and Spellar, Peter C., to Frick Company. Microprocessor control of compression ratio at full load in a helical screw rotary compressor responsive to compressor drive motor current. 4,519,748, 5-28-85, Cl. 417-45.000.

Murphy, David A.; and Spellar, Peter C., to Frick Company. Microprocessor control of compression ratio at full load in a helical screw rotary compressor responsive to compressor drive motor current. 4,548,549, 10-22-85, Cl. 417-53.000.

Murphy, Davis J.; and Phillips, Leslie N., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Materials suitable for thermosetting. 4,492,732, 1-8-85, Cl. 428-404.000.

Murphy, Desmond L., to Tektronix, Inc. Termination for high impedance attenuator. 4,495,458, 1-22-85, Cl. 324-57.00R.

Murphy, Desmond L.; and Wimmer, Warren K., to Tektronix, Inc. Oscilloscope signal input circuit including an attenuator. 4,525,688, 6-25-85, Cl. 333-81.00R.

Murphy, Donald P., to Parker Chemical Company. Compound and process for denaturing high solids paints. 4,496,374, 1-29-85, Cl. 55-84.000.

Murphy, Donald W.: *See—*
- Cava, Robert J.; and Murphy, Donald W., 4,542,083, Cl. 429-218.000.

Murphy, Edmond J.: *See—*
- Minford, William J.; Murphy, Edmond J.; and Rice, Trudie C., 4,554,050, Cl. 156-664.000.

Murphy, Edward J.; Lewarchik, Ronald J.; and Thompson, Jeffrey W., to DeSoto, Inc. Adherent ultraviolet cured coatings. 4,532,021, 7-30-85, Cl. 204-159.160.

Murphy, Edward J.: *See—*
- Lewarchik, Ronald J.; Murphy, Edward J.; and Beeks, Elaine C., 4,504,374, Cl. 204-181.00C.
- Lorenz, Donald H.; Murphy, Edward J.; and Rutherford, John M., Jr., 4,521,404, Cl. 424-71.000.
- Sekmakas, Kazys; and Murphy, Edward J., 4,525,543, Cl. 525-529.000.

Murphy, F. Merrick: *See—*
- Tripp, Jeff; Allen, John; and Murphy, F. Merrick, 4,498,365, Cl. 84-1.240.

Murphy, Frank; and Peterson, William F. Syringe injection apparatus with adjustable dosage indicator. 4,518,387, 5-21-85, Cl. 604-187.000.

Murphy, Frank W., Jr.; Carlton, Lewis M.; O'Mary, Bob L.; and Cruse, Teddy H., to Frank W. Murphy Manufacturer, Inc. Pneumatically controlled dump valve system for gas scrubbers. 4,505,288, 3-19-85, Cl. 137-59.000.

Murphy, Gerald J.; Pilie, Walter E.; and Garaudy, Glenn, to Autocon, Incorporated. Gas high-low pressure control apparatus. 4,503,875, 3-12-85, Cl. 137-83.000.

Murphy, Gerald J.: *See—*
- Eagar, Robert G., Jr.; and Murphy, Gerald J., 4,491,676, Cl. 568-449.000.

Murphy, Gerard P.: *See—*
- Schrekeis, Josef; and Murphy, Gerard P., 4,496,165, Cl. 279-46.00R.

Murphy, Gordon D.; and Bishop, Ernest C., to Fishery Products, Inc. Food package and storage unit. 4,517,206, 5-14-85, Cl. 426-115.000.

Murphy, Gregory E.: *See—*
- Edwards, Ralston G., Jr.; Walkden, John R. B.; Carstensen, Walter H.; Murphy, Gregory E.; and Lisi, John E., 4,507,137, Cl. 65-109.000.

Murphy, Jack W.: *See—*
- McGrew, Kent J.; and Murphy, Jack W., 4,557,759, Cl. 75-118.00R.

Murphy, James P. Lighting system for artificial Christmas tree. 4,516,193, 5-7-85, Cl. 362-123.000.

Murphy, Joanne. Jewelry chain-stay. 4,527,316, 7-9-85, Cl. 24-616.000.

Murphy, John B., to Hewlett-Packard Company. Continuous catheter flushing apparatus. 4,501,300, 2-26-85, Cl. 138-46.000.

Murphy, John M.; Spensley, Robert H.; and Ellis, John, to Societe Anonyme d'Explosifs et de Produits Chimiques. Cartridge for use in anchor bolting. 4,558,781, 12-17-85, Cl. 206-219.000.

Murphy, John W., to Ammco Tools, Inc. Slip plates for lift rack. 4,501,342, 2-26-85, Cl. 187-8.410.

Murphy, John W.; and Vail, David K., to United States of America, Air Force. Digital frequency synthesizer circuit. 4,559,613, 12-17-85, Cl. 364-703.000.

Murphy, John W.: *See—*
- Bogaerts, Leo C.; and Murphy, John W., 4,510,828, Cl. 82-4.00A.

Murphy, Joseph: *See—*
- Murray, Myles N.; and Murphy, Joseph, 4,531,281, Cl. 29-570.000.

Murphy, Kenneth E.: *See—*
- Wiegardt, Gordon K.; Hanks, Thomas W.; and Murphy, Kenneth E., 4,508,176, Cl. 172-7.000.

Murphy, Kent A., to International Telephone and Telegraph Corporation. Low loss fused biconical taper optic coupler. 4,550,974, 11-5-85, Cl. 350-96.150.

Murphy, Kent D. Coin carrier with plural slidable pockets. 4,540,008, 9-10-85, Cl. 133-5.00A.

Murphy, Kevin M.: *See—*
- Lawrenson, Jack; and Murphy, Kevin M., 4,513,543, Cl. 51-283.00R.

Murphy, Lawrence M., to United States of America, Energy. Cable tensioned membrane solar collector module with variable tension control. 4,552,438, 11-12-85, Cl. 350-608.000.

Murphy, Marjorie M. Reversible shadow multicolored trapunto. 4,549,494, 10-29-85, Cl. 112-266.100.

Murphy, Michael F. Fence dropper. 4,510,721, 4-16-85, Cl. 52-40.000.

Murphy, Milford R.; and Haskins, Delbert E., to Textron, Inc. Multiple loop control system. 4,542,679, 9-24-85, Cl. 91-363.00A.

Murphy Oil Company Limited: *See—*
- Bland, Linden, 4,533,366, Cl. 55-42.000.
- Bland, Linden; and Anderson, Clifford J., 4,549,432, Cl. 73-200.000.

Murphy, Patrick J.: *See—*
- Peterson, Brian P.; and Murphy, Patrick J., 4,506,121, Cl. 200-50.00B.

Murphy, Peter. Electrical outlet. 4,553,798, 11-19-85, Cl. 339-9.00R.

Murphy, Peter H. Modulated forming machine. 4,524,812, 6-25-85, Cl. 144-134.00A.

Murphy, Randall T.; and Heling, Dennis, to Lear Siegler, Inc. Vehicle seat including improved adjustable side bolsters. 4,500,136, 2-19-85, Cl. 297-284.000.
Murphy, Richard A.: *See—*
  Ceccon, Harry; Murphy, Richard A.; Reed, H. David; and Orringer, Oscar, 4,526,039, Cl. 73-774.000.
Murphy, Richard D.; and Coope, Daniel F., to NL Industries, Inc. Borehole influx detector and method. 4,492,865, 1-8-85, Cl. 250-265.000.
Murphy, Richard D.; Perez, Ricardo L.; and Clelford, Douglas H., to United Technologies Corporation. Aircraft short-term roll attitude retention system. 4,500,967, 2-19-85, Cl. 364-434.000.
Murphy, Richard D.; and Sokulsky, Marvin N., to Ford Motor Company. Adjustable mounting for steerable wheels. 4,519,626, 5-28-85, Cl. 280-661.000.
Murphy, Richard J.: *See—*
  Bronstein-Bonte, Irena Y.; Lindholm, Edward P.; and Murphy, Richard J., 4,503,138, Cl. 430-213.000.
Murphy, Robert J., Jr., to NL Industries, Inc. Apparatus and method for excluding gas from a liquid. 4,531,952, 7-30-85, Cl. 55-36.000.
Murphy, Stephan D.: *See—*
  Derkacs, Thomas; Matay, Istvan M.; Murphy, Stephan D.; and Touhalisky, John, 4,523,468, Cl. 73-598.000.
Murphy, Stephen B. Method of prosthesis design. 4,506,393, 3-26-85, Cl. 3-1.000.
Murphy, Wesley W., III; and Hettiger, James, to RCA Corporation. Dynamic noise filter for an audio signal in a television. 4,517,602, 5-14-85, Cl. 358-198.000.
Murphy, Wesley W., III; and Naimpally, Saiprasad V., to RCA Corporation. Demodulated chrominance signal filter with peaked response. 4,536,787, 8-20-85, Cl. 358-38.000.
Murphy, William. Horseshoe full pad. 4,513,825, 4-30-85, Cl. 168-12.000.
Murphy, William A.: *See—*
  Coy, David H.; and Murphy, William A., 4,505,897, Cl. 514-11.000.
  Coy, David H.; and Murphy, William A., 4,508,711, Cl. 514-11.000.
Murphy, William C.: *See—*
  Brown, Patrick A.; and Murphy, William C., 4,537,285, Cl. 184-15.200.
Murphy, William J., to Saginaw Automation & Machine, Inc. Surgical leg clamp. 4,545,573, 10-8-85, Cl. 269-328.000.
Murphy, William P. Die transfer system. 4,498,384, 2-12-85, Cl. 100-224.000.
Murphy, William R.: *See—*
  Linder, Donald L.; and Murphy, William R., 4,562,414, Cl. 332-9.00R.
Murr, John, Jr.: *See—*
  Kane, James; and Murr, John, Jr., 4,518,893, Cl. 313-479.000.
Murr, William C., to Bausch & Lomb Incorporated. Method and apparatus for uniform background in visual field testing devices. 4,558,933, 12-17-85, Cl. 351-226.000.
Murray, Alan B.: *See—*
  Eaton, William L.; and Murray, Alan B., 4,511,823, Cl. 315-226.000.
Murray, Alexander P.; and Snyder, Thomas S., to Westinghouse Electric Corp. Decontamination using electrolysis. 4,537,666, 8-27-85, Cl. 204-129.950.
Murray, Alexander P.: *See—*
  Spurrier, Francis R.; DeZubay, Egon A.; Murray, Alexander P.; and Vidt, Edward J., 4,504,447, Cl. 422-204.000.
Murray, Andrew E.: *See—*
  Seilly, Alec H.; and Murray, Andrew E., 4,523,569, Cl. 123-458.000.
Murray, Barbara: *See—*
  Cockfield, William; Martin, Nancy; and Murray, Barbara, 4,557,457, Cl. 248-544.000.
Murray, Clarence L.; and Bright, John T., to Foundation Control Systems, Inc. Apparatus for positioning and stabilizing a concrete slab. 4,507,069, 3-26-85, Cl. 425-59.000.
Murray Corporation: *See—*
  Kish, Arthur S., 4,496,378, Cl. 55-316.000.
  Proctor, Robert H., 4,497,090, Cl. 24-20.00R.
  Proctor, Robert H.; and Hobbs, Arthur G., Jr., 4,513,578, Cl. 62-149.000.
Murray, D. Gary: *See—*
  Guillet, James E.; Heskins, Michael; and Murray, D. Gary, 4,536,294, Cl. 210-730.000.
Murray, David G.: *See—*
  Duncan, Charles W.; and Murray, David G., 4,549,634, Cl. 182-179.000.
Murray, David L.: *See—*
  Geiersbach, Allois F.; and Murray, David L., 4,555,725, Cl. 358-93.000.
Murray, Francis E., to Wescam Services Inc. Composition and method for treating flue gas and methanol containing effluents. 4,505,776, 3-19-85, Cl. 162-51.000.
Murray, Francis J.: *See—*
  Kuelzow, Christopher J.; Kackos, Edward M.; and Murray, Francis J., 4,497,773, Cl. 422-26.000.
Murray, Gary P., to Robinair Division. Two stage vacuum pump with shaft seal. 4,540,353, 9-10-85, Cl. 418-13.000.
Murray, Gary P.: *See—*
  Lower, Ralph C.; and Murray, Gary P., 4,523,897, Cl. 417-244.000.
Murray, Hallam G.: *See—*
  Rawson, Eric G.; Murray, Hallam G.; Schmidt, Ronald V.; and Stewart, Lawrence C., 4,531,238, Cl. 455-601.000.
Murray, Harold J.: *See—*
  Simpson, Anthony; Peterkin, Stuart M.; Brooksby, Brian T.; and Murray, Harold J., 4,538,991, Cl. 434-12.000.
Murray Industries: *See—*
  Little, David H., 4,547,288, Cl. 210-232.000.
Murray, James A.: *See—*
  Handy, Richard L.; and Murray, James A., 4,508,472, Cl. 405-229.000.
Murray, James G., to Mobil Oil Corporation. Battery having cathode of sheet loaded with graphite and carbon sheet anode. 4,497,883, 2-5-85, Cl. 429-194.000.
Murray, James G., to Mobil Oil Corporation. Paper-polymer product. 4,503,117, 3-5-85, Cl. 428-311.700.
Murray, James G., to Mobil Oil Corporation. Impact polymer composition. 4,524,184, 6-18-85, Cl. 525-314.000.
Murray, James G.: *See—*
  Chester, Arthur W.; and Murray, James G., 4,526,942, Cl. 526-130.000.
Murray, John D.; and Weiss, Sydney J., to M-Rel, Inc. Circuit board test fixture. 4,544,886, 10-1-85, Cl. 324-158.00F.
Murray, John E. Roof for a mobile home or the like. 4,548,002, 10-22-85, Cl. 52-22.000.
Murray, John F., to Teleflora, Inc. Retainer for attaching floral lid container. 4,521,990, 6-11-85, Cl. 47-41.120.
Murray, John H., to Milliken Research Corporation. Encapsulated fiberglass mop handle. 4,554,705, 11-26-85, Cl. 16-110.00R.
Murray, John M. Truck trailer brake airline lock. 4,543,984, 10-1-85, Cl. 137-385.000.
Murray, Joseph; and Guthrie, Jesse. Climbing aid retriever. 4,513,641, 4-30-85, Cl. 81-486.000.
Murray, Joseph A.: *See—*
  Vailati, Tony; and Murray, Joseph A., 4,551,994, Cl. 66-193.000.
Murray, Joseph E., Jr.: *See—*
  Gaewsky, John P.; and Murray, Joseph E., Jr., 4,502,773, Cl. 354-403.000.
Murray, Kenelm G. D.: *See—*
  Edwards, Colin W.; and Murray, Kenelm G. D., 4,558,432, Cl. 365-154.000.
Murray, Kevin P.: *See—*
  Lewarchik, Ronald J.; Murray, Kevin P.; Donovan, Marcella G.; and Jones, Arthur T., 4,526,939, Cl. 525-438.000.
  Sekmakas, Kazys; Shah, Raj; Lewarchik, Ronald J.; and Murray, Kevin P., 4,518,746, Cl. 525-443.000.
Murray, Larry N.: *See—*
  Wilt, Henry E.; and Murray, Larry N., 4,511,088, Cl. 239-455.000.
Murray, Lawrence K., to Phillips Petroleum Company. Method for production of carbon black and start-up thereof. 4,542,007, 9-17-85, Cl. 423-450.000.
Murray, Ledell L., to General Indicator Corporation. Menu board frame and insert. 4,521,984, 6-11-85, Cl. 40-576.000.
Murray, Lester K. Bedding holder. 4,541,137, 9-17-85, Cl. 5-498.000.
Murray Machinery, Inc.: *See—*
  Demopoulos, Dino M., 4,503,893, Cl. 144-176.000.
Murray, Myles N., to Industrial Electronic Rubber Company. Solenoid actuated fluid control valve. 4,501,407, 2-26-85, Cl. 251-141.000.
Murray, Myles N. Electrolytic capacitor and improved header therefor. 4,525,022, 6-25-85, Cl. 339-220.00C.
Murray, Myles N.; and Murphy, Joseph, to Industrial Electronic Rubber Company. Method useful in the manufacture of electrolytic capacitors. 4,531,281, 7-30-85, Cl. 29-570.000.
Murray Ohio Manufacturing Co., The: *See—*
  Stevens, Aaron A.; and Lawrence, Randall K., 4,498,889, Cl. 474-133.000.
Murray, Pat L.: *See—*
  McClellan, Thomas R.; and Murray, Pat L., 4,516,524, Cl. 118-683.000.
  McClellan, Thomas R.; and Murray, Pat L., 4,542,041, Cl. 427-212.000.
Murray, Patrick S.: *See—*
  Boysen, Gerd C.; Murray, Patrick S.; and Robinson, Marquis B., 4,513,181, Cl. 200-50.00C.
Murray, Peter E.: *See—*
  Kretzschmar, Wolfgang; and Murray, Peter E., 4,529,256, Cl. 339-19.000.
Murray, Philip F.: *See—*
  Donatelh, Thomas F.; and Murray, Philip F., 4,495,326, Cl. 524-533.000.
Murray, Pierre C., to MacLean-Fogg Company. Composite molded plastic article. 4,536,116, 8-20-85, Cl. 411-82.000.
Murray, Richard C., Jr.: *See—*
  Gibbard, Henry F.; Murray, Richard C., Jr.; Putt, Ronald A.; Valentine, Theodore W.; and Menard, Claude J., 4,552,821, Cl. 429-57.000.
Murray, Robert: *See—*
  Flinn, Ian, deceased; and Murray, Robert, 4,510,471, Cl. 333-195.000.
Murray, Robert F. Course and heading computer. 4,491,724, 1-1-85, Cl. 235-88.00N.
Murray, Robert J., to Pennwalt Corporation. 1-aminobenzoyl-1H-indazol-3-ols. 4,537,966, 8-27-85, Cl. 546-120.000.
Murray, Robert J.: *See—*
  Davidson, Thomas A.; and Murray, Robert J., 4,507,481, Cl. 546-121.000.
  Davidson, Thomas A.; and Murray, Robert J., 4,551,535, Cl. 546-121.000.

  - Davidson, Thomas A.; and Murray, Robert J., 4,560,758, Cl. 546-121.000.
- Murray, Robert T.: *See—*
  - Cramp, John H. W.; Murray, Robert T.; Reid, Robert F.; and Mortier, Roy M., 4,560,248, Cl. 350-96.340.
  - Halsall, James R.; and Murray, Robert T., 4,517,456, Cl. 250-226.000.
- Murray, Robert W. Christmas tree decoration. 4,526,819, 7-2-85, Cl. 428-7.000.
- Murray, Royce W.: *See—*
  - Samuels, George J.; Schmitkons, Thomas A.; Streeter, Terry L.; and Murray, Royce W., 4,524,114, Cl. 429-42.000.
- Murray, Scott L., to Motor Wheel Corporation. Brake rotor with vibration harmonic suppression, and method of manufacture. 4,523,666, 6-18-85, Cl. 188-218.0XL.
- Murray, Thomas L., Jr.: *See—*
  - Goss, Gary J.; Kelly, Richard P.; and Murray, Thomas L., Jr., 4,494,186, Cl. 364-200.000.
- Murray, Wayne A.: *See—*
  - Fortune, William S.; and Murray, Wayne A., 4,507,546, Cl. 219-497.000.
- Murray, William M. Femoral component and method. 4,551,863, 11-12-85, Cl. 623-23.000.
- Murray, William V.; Clum, Charles E.; and Lukenbach, Elvin R., to Johnson & Johnson Baby Products Company. Sunscreen compositions containing vinylogous amides. 4,514,383, 4-30-85, Cl. 424-59.000.
- Murrell, Lawrence L.: *See—*
  - McVicker, Gary B.; Carter, James L.; Murrell, Lawrence L.; and Ziemiak, John J., 4,522,928, Cl. 502-26.000.
- Murrenhoff, Hubertus: *See—*
  - Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,503,674, Cl. 60-448.000.
  - Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,531,367, Cl. 60-447.000.
  - Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,545,201, Cl. 60-420.000.
- Murrer, Barry A.: *See—*
  - Russell, Michael J. H.; and Murrer, Barry A., 4,517,390, Cl. 568-881.000.
- Murrill, William D.; and Langseth, Bryan, to Calavar Corporation. Extensible boom construction for self-propelled aerial work platforms. 4,506,480, 3-26-85, Cl. 52-121.000.
- Murrin, Byran; Willis, Robert; and Page, Jeffrey, to OMI International Corporation. Anode structure for a plating cell. 4,493,758, 1-15-85, Cl. 204-224.00R.
- Murry, Edward J. Electronic dice game. 4,506,890, 3-26-85, Cl. 273-138.00A.
- Murtfeldt, Robert L.: *See—*
  - Sullivan, Michael D.; Murtfeldt, Robert L.; and Yelsey, Arthur R., 4,497,324, Cl. 128-736.000.
- Murtha, R. Michael. Concentrating solar beam collector. 4,519,384, 5-28-85, Cl. 126-438.000.
- Murtha, Timothy P.; and Shioyama, Tod K., to Phillips Petroleum Company. Catalysts. 4,507,507, 3-26-85, Cl. 568-401.000.
- Murtha, Timothy P., to Phillips Petroleum Company. Hydrogenation catalyst. 4,520,129, 5-28-85, Cl. 502-222.000.
- Murtha, Timothy P.: *See—*
  - Geibel, Jon F.; Cliffton, Michael D.; and Murtha, Timothy P., 4,544,735, Cl. 528-374.000.
  - Reusser, Robert E.; Murtha, Timothy P.; and Todd, Elizabeth A., 4,491,563, Cl. 422-5.000.
- Murther, Howard D. Over ride oil pump. 4,531,485, 7-30-85, Cl. 123-196.00S.
- Murthy, Andiappan K. S.; Patel, Kundanbhai M.; and Bekker, Alex Y., to Allied Corporation. Production of light hydrocarbons by treatment of heavy hydrocarbons with water. 4,543,177, 9-24-85, Cl. 208-130.000.
- Murti, Dasarao K.: *See—*
  - Ong, Beng S.; and Murti, Dasarao K., 4,546,059, Cl. 430-59.000.
  - Ong, Beng S.; Keoshkerian, Barkev; Murti, Dasarao K.; and Mammino, Joseph, 4,562,132, Cl. 430-59.000.
- Murtland, William H., to Sperry Corporation. Avionics chassis insertion/extraction mechanism. 4,497,528, 2-5-85, Cl. 339-45.00M.
- Murto, Tapio H., to Northern Telecom Limited. Electric hybrid circuits. 4,500,755, 2-19-85, Cl. 179-170.0NC.
- Murty, V. Balarama, to General Motors Corporation. Brushless DC motor controller. 4,544,868, 10-1-85, Cl. 318-254.000.
- Muryobayashi, Takashi: *See—*
  - Imaki, Katsuhiro; Muryobayashi, Takashi; and Kawasaki, Akiyoshi, 4,562,207, Cl. 514-573.000.
  - Sakai, Yoshiki; Imaki, Katsuhiro; and Muryobayashi, Takashi, 4,503,068, Cl. 514-412.000.
- Muryoi, Takeshi: *See—*
  - Omori, Sachio; Naito, Hideshi; Imanari, Hitoshi; and Muryoi, Takeshi, 4,558,927, Cl. 350-429.000.
- Musacchia, John. Arrowhead with interchangeable elements. 4,558,868, 12-17-85, Cl. 273-422.000.
- Musaev, Irsali K.: *See—*
  - Eschenko, Vladislav Y.; Musaev, Irsali K.; Talibdzhanov, Zakhidzhan S.; Leonov, Viktor A.; Bobrov, Anatoly D.; Kirovsky, Efim I.; Gritsenko, Vladimir A.; and Golovanov, Alexandr V., 4,500,282, Cl. 431-184.000.
- Musashi Co., Ltd.: *See—*
  - Ito, Yukio; and Koshio, Yoshihiro, 4,506,882, Cl. 271-303.000.
  - Kawano, Hikaru; Sato, Koji; and Nogi, Hiroyoshi, 4,511,301, Cl. 414-43.000.
  - Koshio, Yoshihiro; Kato, Tadao; and Kawano, Hikaru, 4,500,002, Cl. 209-534.000.
  - Sasaoka, Takashi; and Mitani, Tsuneyoshi, 4,532,421, Cl. 250-223.00R.
  - Sato, Koji; and Kawano, Hikaru, 4,531,344, Cl. 53-447.000.
- Musashi Engineering Kabushiki Kaisha: *See—*
  - Asai, Mamoru; Mitani, Tsuneyoshi; and Ookawa, Hiroyuki, 4,514,856, Cl. 377-8.000.
  - Iwama, Takasuke, 4,557,597, Cl. 356-71.000.
  - Nogi, Hiroyoshi; and Tanaka, Shigeru, 4,556,212, Cl. 271-315.000.
  - Nogi, Hiroyoshi; and Ookawa, Hiroyuki, 4,560,154, Cl. 271-10.000.
  - Sasaoka, Takashi; and Mitani, Tsuneyoshi, 4,532,421, Cl. 250-223.00R.
- Muscari, Raymond F., to International Beverage Supply, Inc. Merchandise support. 4,506,790, 3-26-85, Cl. 211-59.400.
- Musch, Rudiger; Gobel, Wilhelm; Konter, Wolfgang; and Nolte, Wilfried, to Bayer Aktiengesellschaft. Continuous polymerization of chloroprene. 4,521,576, 6-4-85, Cl. 526-213.000.
- Musch, Rudiger: *See—*
  - Arend, Gunter; Konigshofen, Heinrich; Muller, Peter; and Musch, Rudiger, 4,528,388, Cl. 549-448.000.
- Muschaweck, Roman: *See—*
  - Merkel, Wulf; Bormann, Dieter; and Muschaweck, Roman, 4,492,710, Cl. 424-274.000.
- Muschelknautz, Edgar; and Rink, Norbert, to Bayer Aktiengesellschaft. Apparatus for production of fiber mats. 4,494,970, 1-22-85, Cl. 65-9.000.
- Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, to Bayer Aktiengesellschaft. Nozzle drawing process and drawing nozzle for the separation of melts. 4,533,376, 8-6-85, Cl. 65-5.000.
- Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, to Bayer Aktiengesellschaft. Process and an apparatus for the division of melts. 4,539,029, 9-3-85, Cl. 65-5.000.
- Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, to Bayer Aktiengesellschaft. Process for producing mineral wool fibers while reducing the velocity of flowing media. 4,553,996, 11-19-85, Cl. 65-4.400.
- Muscoplat, Richard D. Card negative holder and method of manufacture. 4,491,495, 1-1-85, Cl. 156-253.000.
- Muse, Joel, Jr.: *See—*
  - Colvin, Howard A.; Fiedler, Ronald D.; Muse, Joel, Jr.; and Smith, Donald E., 4,528,413, Cl. 585-440.000.
  - Colvin, Howard A.; Muse, Joel, Jr.; and Hollingshead, William S., 4,538,002, Cl. 568-650.000.
- Muse, John F.; Riddle, Harry W.; Zeiler, Frank S.; and Buruato, Juventino, to Baker Oil Tools, Inc. Well conduit centralizer. 4,531,582, 7-30-85, Cl. 166-241.000.
- Muse, Ralph F., to Hubbard Company. Partially stiffened extensible waistband structure. 4,503,567, 3-12-85, Cl. 2-237.000.
- Musen, Robert M.: *See—*
  - Friedes, Albert; Greene, Thomas V.; Iuenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., 4,555,594, Cl. 179-18.00B.
- Muser, Dieter; Raab, Norbert; and Deger, Johann, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method for bonding molded components sheeting or shaped members. 4,556,529, 12-3-85, Cl. 264-258.000.
- Musgrove, Neil R., to James Hardie Industries Limited. Selective-flush cistern. 4,527,296, 7-9-85, Cl. 4-324.000.
- Musgrove, Robert G., to LTV Aerospace and Defense Company. Vehicular steering apparatus employing an eccentric actuator. 4,518,170, 5-21-85, Cl. 280-96.000.
- Musha, Tohru, to Olympus Optical Co., Ltd. Objective lens drive device with tracking error correction with flux of opposite direction. 4,507,764, 3-26-85, Cl. 369-45.000.
- Musha, Tohru: *See—*
  - Ito, Kenichi; Musha, Tohru; Kato, Kiichi; and Yamamoto, Kimiaki, 4,525,825, Cl. 369-45.000.
  - Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, 4,505,584, Cl. 356-123.000.
  - Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, 4,509,830, Cl. 350-394.000.
- Musha, Toru; and Ito, Kenichi, to Olympus Optical Co., Ltd. Method and apparatus for detecting tracking error. 4,544,838, 10-1-85, Cl. 250-202.000.
- Mushell, Joshua. Coin-operated ticket release mechanism. 4,503,962, 3-12-85, Cl. 194-1.00G.
- Mushovic, John N.: *See—*
  - Peacock, Bobbie D.; Mushovic, John N.; and Geyer, Roger D., 4,534,225, Cl. 73-860.000.
- Mushta, James T. Dental indicating paste and method of use. 4,512,741, 4-23-85, Cl. 433-70.000.
- Musick, Donald R.; and Howell, Edward H., to International Harvester Company. Self-adjusting cooling system for diesel engines. 4,517,929, 5-21-85, Cl. 123-41.100.
- Musikas, Claude: *See—*
  - Bonnin, Michelle; Musikas, Claude; and Vitorge, Pierre, 4,496,523, Cl. 423-9.000.
- Musil, Frantisek: *See—*
  - Bursa, Miloslav; Musil, Frantisek; and Podmela, Ladislav, 4,537,094, Cl. 74-804.000.
  - Sladek, Zdenek; Musil, Frantisek; Podmela, Ladislav; and Bursa, Miloslav, 4,542,664, Cl. 74-804.000.

- Musil, Gary D.: *See—*
  - Sadlo, James L.; and Musil, Gary D., 4,554,732, Cl. 29-620.000.
- Musil, Gerhard: *See—*
  - Ziegler, Alfred; and Musil, Gerhard, 4,507,568, Cl. 307-112.000.
- Musin, Rafail M.; Gryaznov, Mikhail I.; and Timofeev, Dmitry A. Device for pulse measurement and conversion. 4,503,544, 3-5-85, Cl. 375-10.000.
- Musin, Rafail M.; Gryaznov, Mikhail I.; Timofeev, Dmitry A.; Filatov, Nikolai Y.; and Andreeva, Tamara S. Pulse characteristic meter. 4,541,070, 9-10-85, Cl. 364-900.000.
- Musits, Bela: *See—*
  - Leverett, Theodore W.; and Musits, Bela, 4,543,032, Cl. 414-730.000.
- Musits, Bela L.: *See—*
  - Hollis, Ralph L., Jr.; and Musits, Bela L., 4,514,674, Cl. 318-687.000.
- Muska, Willis M., to International Telephone and Telegraph Corporation. Symmetrically clamped fiber optic receiver. 4,499,609, 2-12-85, Cl. 455-619.000.
- Muskens, Bernardus J.: *See—*
  - Loontjens, Jacobus A.; and Muskens, Bernardus J., 4,546,092, Cl. 502-105.000.
- Muskulus, Willi, to Statomat-Globe Maschinenfabrik GmbH. Separation of sheet metal elements from a stack. 4,544,315, 10-1-85, Cl. 414-115.000.
- Muss, Manfred: *See—*
  - Wochnowski, Waldemar; Hohm, Reinhard; Liebe, Reinhard; and Muss, Manfred, 4,513,759, Cl. 131-303.000.
- Mussallem, Charles S., Jr., to No-Muv Corporation, Inc. Rug underlay comprising open lattice with partially fused needle punched fiber layers. 4,504,537, 3-12-85, Cl. 428-167.000.
- Mussallem, Charles S., Jr., to No-Muv Corporation, Inc. Rug underlay of fibers needled into mesh. 4,504,538, 3-12-85, Cl. 428-167.000.
- Mussati, Werther: *See—*
  - Berti, Alfredo; Mussati, Werther; and Bruschi, Roberto, 4,560,188, Cl. 285-47.000.
- Musschoot, Albert, to General Kinematics Corporation. Vibratory apparatus. 4,495,826, 1-29-85, Cl. 74-87.000.
- Musschoot, Albert, to General Kinematics Corporation. Furnace ash air seal. 4,503,783, 3-12-85, Cl. 110-165.00R.
- Musschoot, Albert; and Kraus, Richard B., to General Kinematics Corporation. Bin activator apparatus. 4,545,509, 10-8-85, Cl. 222-198.000.
- Musschoot, Albert, to General Kinematics Corporation. Discharge control structure for vibratory apparatus. 4,546,872, 10-15-85, Cl. 198-525.000.
- Musschoot, Albert, to General Kinematics Corporation. Apparatus for grinding, milling, crushing, scrubbing, sizing and/or classifying material. 4,561,598, 12-31-85, Cl. 241-19.000.
- Musselmann, Walter; Kinzler, Herbert; and Tra, Josef, to J. M. Voith GmbH. Rotating sorter for fiber material suspensions. 4,493,766, 1-15-85, Cl. 209-362.000.
- Musser, Glenn A.; Rayfield, James F.; and Pucher, Richard A., to Sperry Corporation. Drive reverser actuating mechanism. 4,512,139, 4-23-85, Cl. 56-11.200.
- Musser, Harry R.; Strickland, Thomas H.; and Zannucci, Joseph S., to Eastman Kodak Company. Stabilized copolyesterether compositions suitable for outdoor applications. 4,524,165, 6-18-85, Cl. 524-99.000.
- Musser, John H.; and Brown, Richard E., to USV Pharmaceutical Corporation. Certain 1,3-oxazolo[4,5H]quinolines useful as anti-allergy agents. 4,522,947, 6-11-85, Cl. 514-293.000.
- Musser, John H.; and Kees, Kenneth L., to American Home Products Corporation. Aromatic compounds as antiallergic agents. 4,528,392, 7-9-85, Cl. 560-43.000.
- Musser, John H.; and Sutherland, Charles A., to USV Pharmaceutical Corporation. 8-quinoline carbanilates for the inhibition of lipolysis. 4,530,931, 7-23-85, Cl. 514-312.000.
- Musser, John H.; and Sutherland, Charles A., to USV Pharmaceutical Corporation. 5,6,7-quinoline carbanilates and method of treating ischemic heart disease therewith. 4,547,509, 10-15-85, Cl. 514-311.000.
- Musser, John H.; and Tio, Cesario O., to American Home Products Corporation. Novel heterocyclic compounds as antiallergic agents. 4,550,172, 10-29-85, Cl. 548-180.000.
- Musser, John H., to American Home Products Corporation. Heterocyclic compounds as antiallergic agents. 4,554,355, 11-19-85, Cl. 548-180.000.
- Musser, John H.: *See—*
  - Jones, Howard; Magnien, Ernest; Musser, John H.; and Shaikh, Mujahid L., 4,552,876, Cl. 514-234.000.
- Mussiger, Klaus: *See—*
  - Kannegiesser, Martin; Mussiger, Klaus; and Dreischmeier, Wilfried, 4,519,222, Cl. 68-5.00C.
- Mussigmann, Artur: *See—*
  - Becker, Reinhard, deceased; Seber, Gudula, legal representative; Becker, Ulrich, legal representative; Becker, Hans C., legal representative; Becker, Gero, legal representative; Mussigmann, Artur; and Schurr, Anton, 4,553,811, Cl. 350-96.200.
- Mussinelli, Gian L.: *See—*
  - Bianchi, Guiseppe; and Mussinelli, Gian L., 4,526,666, Cl. 204-196.000.
- Mussinelli, Gianluigi: *See—*
  - Bianchi, Giuseppe; Mussinelli, Gianluigi; and Faita, Giuseppe, 4,544,464, Cl. 204-147.000.
- Mussini, Emilio: *See—*
  - Vecchietti, Vittorio; Mussini, Emilio; and Ferrari, Giorgio, 4,507,307, Cl. 514-313.000.
- Mussler, Klaus: *See—*
  - Kiesewetter, Holger; Myrenne, Heinz; Lazar, Hartmut; and Mussler, Klaus, 4,547,735, Cl. 324-450.000.
- Mussmann, Bernd, to Drager Aktiengesellschaft. Testing tube and testing tube filter assembly therefor. 4,557,902, 12-10-85, Cl. 422-59.000.
- Mussmann, Richard F., to AT&T Bell Laboratories. Method and apparatus for scanning a matrix of switchable elements. 4,554,530, 11-19-85, Cl. 340-365.00S.
- Musso, Pietro: *See—*
  - Valle, Franco; and Musso, Pietro, 4,531,850, Cl. 400-551.000.
- Mustang Tripsaver, Inc.: *See—*
  - Jones, Kenneth R., 4,494,615, Cl. 173-119.000.
- Mustee, Robert J., to E. L. Mustee & Sons, Inc. Laundry tub mounting apparatus. 4,508,304, 4-2-85, Cl. 248-311.200.
- Musto, Franklyn K.; Bourn, Hugh E.; Buchanan, John; and Kay, Duncan A., to Musto & Hyde Accessories Ltd. Dry suit. 4,535,477, 8-20-85, Cl. 2-2.10R.
- Musto & Hyde Accessories Ltd.: *See—*
  - Musto, Franklyn K.; Bourn, Hugh E.; Buchanan, John; and Kay, Duncan A., 4,535,477, Cl. 2-2.10R.
- Musto, Joseph A.: *See—*
  - Jones, Gary V.; Meinhold, James F.; and Musto, Joseph A., 4,505,940, Cl. 426-424.000.
- Musto, Richard L.; and Kai, Norichika, to Combustion Engineering, Inc. Direct pulverized fuel fired system. 4,493,269, 1-15-85, Cl. 110-106.000.
- Mustoe, Robert M.: *See—*
  - Ptasienski, Mitchell P.; Mustoe, Robert M.; and Zajonc, Fred H., deceased, 4,496,515, Cl. 264-504.000.
- Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, to Honda Giken Kogyo Kabushiki Kaisha; and Fukuda Press Kogyo Kabushiki Kaisha. Pedal assist apparatus. 4,522,082, 6-11-85, Cl. 74-512.000.
- Muszak, Martin F.: *See—*
  - Blanding, Douglass L.; and Muszak, Martin F., 4,512,952, Cl. 422-63.000.
- Mut, Alan D.; and Deans, Harry A., to Exxon Production Research Co. Method for determining connate water saturation and salinity in reservoirs. 4,508,169, 4-2-85, Cl. 166-250.000.
- Mutai, Masahiko: *See—*
  - Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,513,138, Cl. 546-48.000.
  - Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,545,880, Cl. 204-158.00R.
  - Sako, Tomoyuki; Sawaki, Saeko; Sakurai, Toshizo; Mutai, Masahiko; and Kondo, Isamu, 4,532,211, Cl. 435-172.300.
- Mutchler, David K.: *See—*
  - Hunter, Charles L.; Fuller, Payton D.; and Mutchler, David K., 4,556,484, Cl. 210-90.000.
- Muterel, Roland, to Societe Anonyme D.B.A. Braking system for automobile vehicle formed by a tractor and a trailer. 4,505,519, 3-19-85, Cl. 303-6.00A.
- Muterspaugh, Max W., to RCA Corporation. Bias and AGC control of two RF amplifiers with a shared control element. 4,558,289, 12-10-85, Cl. 330-278.000.
- Muterspaugh, Max W.: *See—*
  - Hermeling, Gilbert C., Jr.; and Muterspaugh, Max W., 4,499,602, Cl. 455-180.000.
- Muth, Eric A.: *See—*
  - Husbands, G. E. Morris; Yardley, John P.; and Muth, Eric A., 4,535,186, Cl. 564-336.000.
- Muth, Robert N., to Hazeltine Corporation. Oscillator utilizing inductive parameter of transistor. 4,507,622, 3-26-85, Cl. 331-115.000.
- Muth, Ross R.: *See—*
  - Kaplan, Donald S.; Muth, Ross R.; and Kennedy, John J., 4,523,591, Cl. 128-334.00R.
- Muth, Stephan R. W. Sheet folding method and product. 4,502,711, 3-5-85, Cl. 281-5.000.
- Muther, Franz: *See—*
  - Hanseler, Urs; Meier, Urs; and Muther, Franz, 4,525,771, Cl. 361-413.000.
  - Hanseler, Urs; Meier, Urs; and Muther, Franz, 4,534,472, Cl. 211-41.000.
- Muther, Paul: *See—*
  - Buchel, Urs; and Muther, Paul, 4,523,923, Cl. 8-524.000.
- Muti, Elliott J. Calipers arranged for remote reading. 4,536,960, 8-27-85, Cl. 33-143.00M.
- Mutka, Jerry R.: *See—*
  - Miller, Dennis H.; and Mutka, Jerry R., 4,499,112, Cl. 426-276.000.
- Mutl, Silvestr: *See—*
  - Hereit, Frantisek; and Mutl, Silvestr, 4,511,467, Cl. 210-173.000.
- Muto, Akira: *See—*
  - Kudo, Yoshihiko; Kawabata, Hidetsugu; Birukawa, Masahiro; Hara, Noriaki; and Muto, Akira, 4,497,870, Cl. 428-457.000.
- Muto, Anthony. Plumbing repair device and method. 4,516,593, 5-14-85, Cl. 137-15.000.
- Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, to Kyowa Hakko Kogyo Co., Ltd. 1-substituted 1,4-dihydropyridines. 4,495,192, 1-22-85, Cl. 514-318.000.
- Muto, Kenji; Karasawa, Akira; Kuroda, Tokuyuki; and Nakamizo, Nobuhiro, to Kyowa Hakko Kogyo Co., Ltd. 1,4-dihydropyridine derivatives. 4,501,748, 2-26-85, Cl. 514-318.000.

Muto, Masahito: *See—*
Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, 4,506,266, Cl. 343-715.000.

Muto, Naoki: *See—*
Imamura, Shigeyuki; Misaki, Hideo; and Muto, Naoki, 4,525,458, Cl. 435-196.000.

Muto, Norishige: *See—*
Yoan, Toyohiko; and Muto, Norishige, 4,501,524, Cl. 414-22.000.

Muto, Osamu: *See—*
Honda, Shoich; Muto, Osamu; and Shirakura, Masaru, 4,559,909, Cl. 123-90.280.

Muto, Rudolph. Selective tracheal bronchial catheter. 4,512,765, 4-23-85, Cl. 604-119.000.

Muto, Rudolph. Pressure warning, indicating and applying monitor for cuff type indwelling devices. 4,552,558, 11-12-85, Cl. 604-100.000.

Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Cephalosporin derivative. 4,496,561, 1-29-85, Cl. 514-209.000.

Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Penicillin derivative. 4,496,574, 1-29-85, Cl. 514-195.000.

Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Penicillin derivative. 4,540,689, 9-10-85, Cl. 514-196.000.

Muto, Shinichiro: *See—*
Sato, Kuniaki; Muto, Shinichiro; Yanagishima, Fumiya; and Shimoyama, Yuji, 4,531,904, Cl. 431-10.000.

Muto, Takahiko: *See—*
Noda, Munetaka; Muto, Takahiko; Suzuki, Motoyoshi; and Ninoyu, Yutaka, 4,560,024, Cl. 180-176.000.

Muto, Toshiaki; and Goto, Akio, to Tokico Ltd. Method for manufacturing valve guide for a hydraulic damper. 4,495,790, 1-29-85, Cl. 72-326.000.

Muto, Toshimi: *See—*
Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.

Muto, Yasuo: *See—*
Asai, Koichi; Tsuda, Mamoru; Oe, Kunio; and Muto, Yasuo, 4,515,507, Cl. 414-226.000.

Mutoh Industry Ltd.: *See—*
Nakaoki, Tooru, 4,528,682, Cl. 377-24.000.

Mutoh, Naoki: *See—*
Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, 4,517,296, Cl. 435-119.000.

Mutoh, Nobuyoshi; Sakai, Keijiro; Hattori, Motonobu; and Nagato, Yuichiro, to Hitachi, Ltd. Control apparatus for PWM inverter. 4,562,524, 12-31-85, Cl. 363-41.000.

Mutoh, Yoshihiko; Matsuda, Kazuo; Ohshima, Masashi; and Ohuchi, Hiroo, to Asahi Kasei Kogyo Kabushiki Kaisha. Method of dewaxing a vegetable oil. 4,545,940, 10-8-85, Cl. 260-428.000.

Mutsaers, Cornelis A. H. A.: *See—*
Boonstra, Alexander H.; Mutsaers, Cornelis A. H. A.; and van der Kruijs, Franciscus N. G. R., 4,499,011, Cl. 252-518.000.

Mutschall, Hugo W.: *See—*
Focke, Heinz; and Mutschall, Hugo W., 4,509,310, Cl. 53-170.000.

Mutschler, Erich: *See—*
Botz, Jakob; Mutschler, Erich; Prohaska, Hans; Schmid, Eckhardt; and Scholl, Wolfgang, 4,531,419, Cl. 74-388.0PS.

Mutschler, Otto. Releasable protective holder for a writing implement. 4,493,575, 1-15-85, Cl. 401-195.000.

Mutschler, Ulrich, to Staubli-Verdol S.A. Reverse weaving mechanisms. 4,523,915, 6-18-85, Cl. 464-3.000.

Mutschler, Ulrich; Caparros, Pierre; Mouterde, Pierre; and Frappe, Pierre, to Staubli-Verdol S.A. Easily replaceable weaving mechanism needle assembly. 4,526,210, 7-2-85, Cl. 139-59.000.

Mutschler, Ulrich: *See—*
Bastion, Patrick; Lhuillier, Francois, and Mutschler, Ulrich, 4,532,963, Cl. 139-59.000.

Mutschlknaus, Peter: *See—*
Kotter, Gustav; and Mutschlknaus, Peter, 4,499,744, Cl. 68-210.000.

Mutter, Walter E., to International Business Machines Corporation. Method for manufacturing Fresnel phase reversal plate lenses. 4,530,736, 7-23-85, Cl. 156-643.000.

Mutz, Bernd: *See—*
Muller, Klaus; and Mutz, Bernd, 4,490,893, Cl. 24-704.000.

Mutzberg, Friedhelm: *See—*
Riemer, Heinz; Weiss, Joern-Volker; and Mutzberg, Friedhelm, 4,514,467, Cl. 428-413.000.

Mutzel, Wolfgang: *See—*
Gries, Heinz; and Mutzel, Wolfgang, 4,522,839, Cl. 426-548.000.

Mutzhas, Maximilian F. Radiation protection filter for plants. 4,529,269, 7-16-85, Cl. 350-312.000.

Mutzhas, Maximilian F. UV radiation device for phototherapy of dermatoses, especially psoriasis. 4,558,700, 12-17-85, Cl. 128-395.000.

Muyle, Eddy: *See—*
Van Campenhout, Jan; de Stecker, Hans; Notredame, Paul; Muyle, Eddy; Bergmans, Jean-Paul; and Bergmans, Patrick, 4,543,615, Cl. 358-285.000.

Muylle, Wilfried E., to AGFA-GEVAERT N.V. Radiographic film package. 4,537,306, 8-27-85, Cl. 206-455.000.

Muyskens, John R. Slalom sled arrangement. 4,542,908, 9-24-85, Cl. 280-21.00A.

Muzhzhavlev, Konstantin D.: *See—*
Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.

Muzika, Karel: *See—*
Zajic, James E.; Hill, Martha A.; Manchester, Donald F.; and Muzika, Karel, 4,559,305, Cl. 435-243.000.

Muzyczko, Thaddeus M.: *See—*
Pala, Jerome; Karmell, Yale; and Muzyczko, Thaddeus M., 4,492,012, Cl. 29-148.40D.

MWL Tool and Supply Company: *See—*
Lindsey, Hiram E., Jr., 4,497,371, Cl. 166-377.000.
Lindsey, Hiram E., Jr., 4,498,534, Cl. 166-208.000.

Mycynek, Victor G.: *See—*
Hauge, Raymond C.; and Mycynek, Victor G., 4,536,717, Cl. 330-254.000.

Myer, William J.; and Lamppa, Reid G., to Kraft, Inc. Multiple screw pasta manufacturing process. 4,540,592, 9-10-85, Cl. 426-557.000.

Myers, Albert: *See—*
Tessarzik, Juergen M.; Myers, Albert; and Yuille, James D., 4,495,810, Cl. 73-432.00R.

Myers, Allen D., to Caterpillar Tractor Co. Fluid connection apparatus. 4,491,336, 1-1-85, Cl. 280-93.000.

Myers, Berlin F.: *See—*
Jackson, Emanuel L.; and Myers, Berlin F., 4,504,054, Cl. 273-54.00B.

Myers, Carl J.; and Ratzel, Richard O., to Warner & Swasey Company, The. Machine tool. 4,539,876, 9-10-85, Cl. 82-32.000.

Myers, Charles L.: *See—*
Grant, Thomas S.; and Myers, Charles L., 4,496,690, Cl. 525-66.000.

Myers, Charles M.: *See—*
Cranston, Dean H.; and Myers, Charles M., 4,544,293, Cl. 400-320.000.

Myers, Christopher A.: *See—*
Burbank, Raymond W.; and Myers, Christopher A., 4,550,429, Cl. 381-90.000.

Myers, Daryl L.: *See—*
Bair, Wallace C.; Myers, Daryl L.; and Rogers, Jane W., 4,547,644, Cl. 219-10.49R.
Frazee, Ralph E., Jr.; Myers, Daryl L.; and Smithgall, David H., Sr., 4,545,542, Cl. 242-18.00A.

Myers, David E.: *See—*
DuVal, Daniel A.; Kahn, Roger N.; and Myers, David E., 4,515,396, Cl. 281-15.00R.

Myers, David K.: *See—*
McDorman, Thomas W.; and Myers, David K., 4,561,035, Cl. 360-137.000.

Myers, Donald W.: *See—*
Johnson, David E.; and Myers, Donald W., 4,545,714, Cl. 414-30.000.

Myers, Earl C., Jr.: *See—*
Cosmos, Pete; and Myers, Earl C., Jr., 4,506,937, Cl. 339-14.00R.

Myers Electric Products, Inc.: *See—*
Myers, Stephanie A., 4,552,430, Cl. 339-242.000.

Myers, Garry L.: *See—*
Wang, Richard H. S.; and Myers, Garry L., 4,518,808, Cl. 568-765.000.

Myers, George H., to Medsys, Inc. Apparatus for measurement of corneal thickness. 4,508,121, 4-2-85, Cl. 128-639.000.

Myers, Gerald A.: *See—*
Martens, Alan; Hobbs, Milton M.; and Myers, Gerald A., 4,561,254, Cl. 60-660.000.

Myers, Gerry A.: *See—*
Martens, Alan; and Myers, Gerry A., 4,555,906, Cl. 60-660.000.

Myers, Harold P. Burglar and intruder detection system. 4,525,047, 6-25-85, Cl. 354-173.000.

Myers, John A., to North Carolina Central University. 2H-isoindolediaones, their synthesis and use as radiosensitizers. 4,494,547, 1-22-85, Cl. 128-659.000.

Myers, John D. Laser device and method. 4,525,842, 6-25-85, Cl. 372-92.000.

Myers, John G.; Logan, Douglas P.; and Walker, Jerry L., to Calgon Corporation. Residual fuel oil conditioners containing metal salts in aqueous solution. 4,512,774, 4-23-85, Cl. 44-51.000.

Myers, John G.: *See—*
Zupanovich, John D.; and Myers, John G., 4,561,897, Cl. 106-14.140.

Myers, John H.: *See—*
Hattori, Kiyoshi; and Myers, John H., 4,536,549, Cl. 525-240.000.
Hattori, Kiyoshi; and Myers, John H., 4,540,416, Cl. 604-410.000.

Myers, Kimbrough I.: *See—*
Granzow, Robert H.; Gupta, Desh B.; Myers, Kimbrough I.; and Filliman, Mark D., 4,521,008, Cl. 271-3.000.

Myers, Lawrence R.: *See—*
Gaiser, Robert F.; and Myers, Lawrence R., 4,553,651, Cl. 192-13.00A.

Myers, Michael J., to Electromation, Inc. Electrical switch. 4,529,953, 7-16-85, Cl. 335-126.000.

Myers, Richard A., to St. Regis Corporation. Modified atmosphere package and process. 4,515,266, 5-7-85, Cl. 206-205.000.

Myers, Richard S.; Michaelson, Robert C.; and Austin, Richard G., to Exxon Research & Engineering Co. Process for the hydroxylation of olefins using molecular oxygen, an osmium containing catalyst, a copper Co-catalyst, and an aromatic amine based promoter. 4,496,778, 1-29-85, Cl. 568-860.000.
Myers, Richard S.; Michaelson, Robert C.; and Austin, Richard G., to Exxon Research & Engineering Co. Process for the hydroxylation of olefins using molecular oxygen, an osmium containing catalyst, a copper co-catalyst, and a cycloaliphatic amine based promoter. 4,496,779, 1-29-85, Cl. 568-860.000.
Myers, Robert A., to Owens-Illinois, Inc. Blow molding apparatus. 4,549,865, 10-29-85, Cl. 425-342.100.
Myers, Robert H. Mobile camping apparatus. 4,548,438, 10-22-85, Cl. 296-160.000.
Myers, Robert W., to Paul Brong Machine Works, Inc. Combination cable crimper and cutter. 4,558,584, 12-17-85, Cl. 72-407.000.
Myer . Roland. Oscillator having manual and automatic frequency control. 4,520,327, 5-28-85, Cl. 331-177.00R.
Myers, Ronald E., to B. F. Goodrich Company, The. Polymeric hydrophile from carboxy terminated liquid polymer, diamine and phosphazene. 4,533,726, 8-6-85, Cl. 528-336.000.
Myers, Ronald E., to B. F. Goodrich Company, The. Phosphazene modified amine terminated polymers and method. 4,535,147, 8-13-85, Cl. 528-321.000.
Myers, Ronald E., to B. F. Goodrich Company, The. Low melting phosphate-sulfate glasses as intumescent flame and/or smoke retardants for polymers. 4,544,695, 10-1-85, Cl. 524-405.000.
Myers, Ronald L. Safe lock anti-theft hydraulic brake control system. 4,546,846, 10-15-85, Cl. 180-287.000.
Myers, Ronald T., to Brockway, Inc. Method for the lubrication of delivery equipment and molds used in production of glass articles. 4,526,600, 7-2-85, Cl. 65-24.000.
Myers, Ronald W., to AMP Incorporated. Circuit board housing having self-contained modular jack. 4,497,526, 2-5-85, Cl. 339-17.0LC.
Myers, Stephanie A., to Myers Electric Products, Inc. Connector head for electric terminal box. 4,552,430, 11-12-85, Cl. 339-242.000.
Myers, Terry D.: *See—*
  Myers, William D.; and Myers, Terry D., 4,521,194, Cl. 433-215.000.
Myers, Theodore R.: *See—*
  Smith, William R.; and Myers, Theodore R., 4,538,169, Cl. 357-76.000.
Myers, William C. Bingo cover dispenser. 4,524,884, 6-25-85, Cl. 221-231.000.
Myers, William D.; and Myers, Terry D. Method for removing incipient carious lesions and/or stain from teeth. 4,521,194, 6-4-85, Cl. 433-215.000.
Myerscough, Paul F.: *See—*
  Wheeldon, John B.; Jeffery, John; and Myerscough, Paul F., 4,505,383, Cl. 198-853.000.
Myerson, Allan S., to Georgia Tech Research Institute. Purification of terephthalic acid by supercritical fluid extraction. 4,550,198, 10-29-85, Cl. 560-486.000.
Myerson, Allan S.; and Ernst, William R., to Georgia Tech Research Institute. Removal of inorganic contaminants from catalysts. 4,559,313, 12-17-85, Cl. 502-25.000.
Myhre, Douglas C., to Rosemount Inc. Vibration dampened beam. 4,525,081, 6-25-85, Cl. 374-208.000.
Myhre, Kjell E. Optimized stress and strain distribution diaphragms. 4,507,170, 3-26-85, Cl. 156-633.000.
Myhren, Jan; and Gitlestad, Svein E., to Elkem Chemicals, Inc. Apparatus and method for separating large from small particles suspended in a gas stream. 4,526,678, 7-2-85, Cl. 209-2.000.
Mykrantz, John R.: *See—*
  Milner, Ed M.; and Mykrantz, John R., 4,497,854, Cl. 428-17.000.
Mylan Pharmaceuticals Inc.: *See—*
  Blume, Cheryl D.; and Bonner, Paul H., 4,526,777, Cl. 424-20.000.
  Blume, Cheryl D.; and Bonner, Paul H., 4,547,498, Cl. 514-225.000.
Mylander, Gerald D. Fill valve responsive to liquid level. 4,522,227, 6-11-85, Cl. 137-393.000.
Mylander, Richard H., to J. I. Case Company. Park lock and transmission interlock. 4,530,426, 7-23-85, Cl. 192-4.00A.
Mylander, Richard H., to J. I. Case Company. Transmission control assembly. 4,546,664, 10-15-85, Cl. 74-473.00R.
Mylander, Richard H.: *See—*
  Bellah, Glen R.; Mylander, Richard H.; Idelman, Lloyd B.; and Coons, Robert R., 4,494,418, Cl. 74-475.000.
Myles, Robert M.: *See—*
  Davison, Charles F.; and Myles, Robert M., 4,528,908, Cl. 101-295.000.
Mylex Corporation: *See—*
  Malinsky, Igor; Cofino, Jose B.; and McKay, Richard J., 4,553,035, Cl. 250-566.000.
Mylius, Albert: *See—*
  Kuckein, Wilfried; Mylius, Albert; Bechtel, Peter; and Hofer, Adalbert, 4,535,017, Cl. 428-77.000.
Myllyla, Risto: *See—*
  Ahola, Raimo; Kopola, Harri; and Myllyla, Risto, 4,553,943, Cl. 434-22.000.
Mynderse, Jon S.; and O'Connor, Sean C., to Eli Lilly and Company. Quiuolizine and indolizine enzyme inhibitors. 4,508,901, 4-2-85, Cl. 546-112.000.
Mynott, Colin B.: *See—*
  Ede, Douglas F. C.; Wilkinson, Brian S.; and Mynott, Colin B., 4,527,605, Cl. 144-286.00R.
Myocur, Inc.: *See—*
  Jensen, Ronald P.; and Allcroft, Arthur N., 4,552,146, Cl. 128-305.000.
Myoi, Tetsuo: *See—*
  Morino, Masuaki; Fujikawa, Yoshiyuki; Haneda, Isamu; and Myoi, Tetsuo, 4,531,194, Cl. 364-705.000.
Myojo Foods Co., Ltd.: *See—*
  Harada, Haruo; Fujiwara, Akira; Hatanaka, Yoshio; and Iimura, Hironori, 4,540,590, Cl. 426-324.000.
Myokan, Isao: *See—*
  Matsuzaki, Masatoshi; Yamazaki, Toshinori; Myokan, Isao; Shima, Tetsuo; and Nomori, Hiroyuki, 4,495,262, Cl. 430-58.000.
  Yamazaki, Toshinori; Nomori, Hiroyuki; Matsuzaki, Masatoshi; Shima, Tetsuo; and Myokan, Isao, 4,510,224, Cl. 430-57.000.
Myooi, Tetsuo: *See—*
  Haneda, Isamu; and Myooi, Tetsuo, 4,507,743, Cl. 364-709.000.
  Haneda, Isamu; and Myooi, Tetsuo, 4,554,641, Cl. 364-710.000.
Myotoku Ltd.: *See—*
  Ise, Yoji, 4,495,965, Cl. 137-599.000.
Myrenne, Heinz: *See—*
  Kiesewetter, Holger; Myrenne, Heinz; and Roggenkamp, Hans-Gunther, 4,521,729, Cl. 324-71.100.
  Kiesewetter, Holger; Myrenne, Heinz; Lazar, Hartmut; and Mussler, Klaus, 4,547,735, Cl. 324-450.000.
Myron Weiss: *See—*
  Patty, Charles W.; and Weiss, Myron, 4,559,861, Cl. 84-470.00R.
Myson Group Limited: *See—*
  Webster, Dennis M., 4,531,575, Cl. 165-78.000.
MZW Maschinenfabrik Zuckermann Pachtgesellschaft mbH: *See—*
  Schmidt, Erich, 4,493,351, Cl. 144-3.00R.
  Schmidt, Erich, 4,512,380, Cl. 144-1.00A.
N. A. Taylor Company, Inc.: *See—*
  Huang, Jiann-Yu, 4,549,070, Cl. 219-269.000.
N.C.A. Co., Ltd.: *See—*
  Adachi, Shoichi, 4,519,595, Cl. 270-31.000.
N.D.C. Co., Ltd.: *See—*
  Morimoto, Toru; Ohsaki, Tsuyoshi; Onkawa, Toshio; and Fujita, Masahito 4,552,719, Cl. 419-2.000.
N. D. Engineering Limited: *See—*
  Culliford, Michael D., 4,541,346, Cl. 110-246.000.
N Gueyen, Huu-Can, to Equipements Automobiles Marchal. Cooling device for an internal combustion engine. 4,557,223, 12-10-85, Cl. 123-41.120.
N.I.C.C. Limited: *See—*
  Benedini, Giorgio; and Strange, Anthony E. J., 4,529,568, Cl. 264-262.000.
N.I. Industries, Inc.: *See—*
  Nee, Michael A., 4,531,445, Cl. 89-1.813.
N.J. Institute of Technology: *See—*
  Desjardins, Paul J.; Menon, Sathischandran; Milles, Maano; and Pawel, Hans E., 4,530,367, Cl. 128-777.000.
N.J. Phillips Pty. Limited: *See—*
  Phillips, Ian R.; Reynolds, Mervyn F.; and Lodge, Robert H., 4,530,695, Cl. 604-184.000.
N.K.F. Groep B.V.: *See—*
  Bresser, Onno R., 4,557,558, Cl. 350-96.230.
  Deurloo, Johannis M., 4,543,448, Cl. 174-112.000.
N L Industries, Inc.: *See—*
  Foerster, George S., 4,543,234, Cl. 420-409.000.
N P K "Zavarachna Technika": *See—*
  Tzvetanov, Plamen V.; Chankov, Dyanko V.; Nikolov, Orlin A.; and Ivanov, Alexander L., 4,513,902, Cl. 228-25.000.
N P Marketing Corporation: *See—*
  Van Gompel, James; and Akey, Ronald R., 4,515,506, Cl. 410-46.000.
  Van Gompel, James J., 4,529,345, Cl. 410-42.000.
N P S P "Novotex": *See—*
  Dimitrov, Milko D., 4,495,757, Cl. 57-5.000.
  Dimitrov, Milko D., 4,499,717, Cl. 57-297.000.
N. Schlumberger & Cie: *See—*
  Herubel, Jean-Frederic, 4,507,822, Cl. 17-23.000.
  Herubel, Jean-Frederic, 4,525,002, Cl. 289-2.000.
N-Viro Energy Systems Ltd.: *See—*
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- Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.

Nagai, Takeshi: *See*—
- Ishizaki, Takaharu; Nagai, Takeshi; and Yamazaki, Shingo, 4,491,455, Cl. 44-62.000.
- Yamamoto, Kazushi; Nagai, Takeshi; Hirai, Nobuyuki; and Mori, Shunichiro, 4,530,464, Cl. 239-102.000.

Nagai, Tamio: *See*—
- Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, 4,561,509, Cl. 177-25.000.

Nagai, Teruhisa; and Naito, Takemi, to Hitachi, Ltd. Method of production of cross-fin type heat exchanger. 4,494,288, 1-22-85, Cl. 29-157.30A.

Nagai, Yataro; and Fukuoka, Kazuya, to Tanken Seiko Corp. Mechanical face seal for sealing slurry liquid. 4,545,588, 10-8-85, Cl. 277-93.0SD.

Nagaishi, Hatsuo: *See*—
- Okamura, Kenji; Nagaishi, Hatsuo; Kitahara, Tsuyoshi; Sone, Kohki; and Nakamura, Koyo, 4,507,986, Cl. 74-866.000.

Nagaishi, Hiromi: *See*—
- Hotta, Masao; Maio, Kenji; and Nagaishi, Hiromi, 4,549,166, Cl. 340-347.0DA.

Nagaishi, Hiroshi: *See*—
- Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, 4,534,848, Cl. 208-10.000.

Nagaki, Takehiro: *See*—
- Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, 4,524,401, Cl. 360-113.000.

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Nagakura, Seiju, to Toyokoki Co., Ltd. Press device. 4,498,328, 2-12-85, Cl. 72-482.000.

Nagamatsu, Henry T.: *See*—
- Barnwell, Richard; Bushnell, Dennis; Nagamatsu, Henry T.; Bahi, Lakhdar; and Ross, Janet, 4,522,360, Cl. 244-204.000.

Nagami, Akira, to Nippon Electric Co., Ltd. Memory circuit. 4,500,974, 2-19-85, Cl. 365-222.000.

Nagamine, Akio; Hayashi, Akira; Yoshida, Kazumasa; and Miyasaka, Kojiro, to Toshiba Battery Co., Ltd. Alkaline cell. 4,500,614, 2-19-85, Cl. 429-206.000.

Nagamine, Tsuyoshi: *See*—
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,501,998, Cl. 318-568.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,502,108, Cl. 364-170.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Ohtsuki, Toshiaki, 4,503,373, Cl. 318-570.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, 4,511,975, Cl. 364-474.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Fujibayashi, Kentaro, 4,516,211, Cl. 364-474.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; and Shima, Atsushi, 4,550,378, Cl. 364-474.000.

Nagamine, Yoshibumi: *See*—
- Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.

Nagamine, Yoshifumi: *See*—
- Matsuda, Yoshiaki; Oohashi, Yoshimitsu; Sanpei, Keiichi; and Nagamine, Yoshifumi, 4,543,079, Cl. 474-111.000.

Nagamoto, Masanaka: *See*—
- Suguro, Yoshihiro; and Nagamoto, Masanaka, 4,542,394, Cl. 346-209.000.

Nagamoto, Mitsuki; Hashiya, Yukio; and Kawaharada, Junji, to Matsushita Electric Works, Ltd. Electromagnetic relay. 4,498,065, 2-5-85, Cl. 335-79.000.

Nagamoto, Mitsuki; and Kubota, Takuo, to Matsushita Electric Works, Ltd. AC drive electromagnetic relay. 4,514,711, 4-30-85, Cl. 335-243.000.

Nagamoto, Mitsuki, to Matsushita Electric Works, Ltd.; and SDS-Elektro GmbH. M.B.B. type contact arrangement for an electromagnetic relay. 4,520,333, 5-28-85, Cl. 335-129.000.

Nagamoto, Mitsuki; and Hashiya, Ikuo, to Matsushita Electric Works, Ltd.; and SDS-Elektro GmbH. Electromagnetic relay. 4,529,952, 7-16-85, Cl. 335-81.000.

Nagamoto, Mitsuki; and Kubota, Takuo, to Matsushita Electric Works, Ltd. Relay structure. 4,532,487, 7-30-85, Cl. 335-128.000.

Nagamoto, Mitsuki; and Hashiya, Ikuo, to Matsushita Electric Works, Ltd.; and SDS-Relais AG. Polarized electromagnet and polarized electromagnetic relay. 4,560,966, 12-24-85, Cl. 335-80.000.

Nagamoto, Yoshihito; and Ozeki, Sadao, to Mazda Motor Corporation. Lower body structure of cab-over type automobiles. 4,509,790, 4-9-85, Cl. 296-204.000.

Nagamune, Teruyuki; Inoue, Ichiro; and Takematsu, Noburu, to Rikagaku Kenkyusho. Instrument for measuring concentration of substance in suspension. 4,561,779, 12-31-85, Cl. 356-442.000.

Nagamune, Teruyuki: *See*—
- Endo, Isao; Nagamune, Teruyuki; and Inoue, Ichiro, 4,501,161, Cl. 73-863.240.

Naganawa, Hiroshi: *See*—
- Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, 4,495,347, Cl. 536-24.000.
- Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi; and Imoto, Masaya, 4,550,159, Cl. 536-6.400.

Naganawa, Tadahisa; and Matsuda, Yoshihiko, to Toyota Jidosha Kabushiki Kaisha. Method of controlling air-fuel ratio and ignition timing in internal combustion engine and apparatus therefor. 4,559,915, 12-24-85, Cl. 123-406.000.

Naganawa, Tadahisa: *See*—
- Tomita, Tsutomu; Horio, Kimihide; and Naganawa, Tadahisa, 4,525,151, Cl. 474-101.000.

Nagane, Hiromichi, to Canon Kabushiki Kaisha. Original reading apparatus. 4,542,414, 9-17-85, Cl. 358-285.000.

Nagano, Fumikazu; and Shirakoshi, Hiroshi, to Sharp Kabushiki Kaisha. Drive system in a multi-pin-electrode electrostatic recording apparatus. 4,554,563, 11-19-85, Cl. 346-154.000.

Nagano, Hiroshi: *See*—
- Ohtsu, Yoichi; Kanno, Kohei; and Nagano, Hiroshi, 4,550,007, Cl. 264-521.000.

Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, to Chugai Seiyaku Kabushiki Kaisha. Method for treating circulatory diseases by using (2-lower alkoxyphenyl)piperazine derivatives. 4,560,686, 12-24-85, Cl. 514-255.000.

Nagano, Jun: *See*—
- Yazaki, Susumu; and Nagano, Jun, 4,549,453, Cl. 83-365.000.

Nagano, Katsumasa: *See*—
- Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, 4,545,939, Cl. 260-400.000.
- Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, 4,561,999, Cl. 252-557.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Reference voltage producing circuit. 4,506,208, 3-19-85, Cl. 323-314.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Current source circuit for producing a small value output current proportional to an input current. 4,507,573, 3-26-85, Cl. 307-297.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Digital-to-analog converter. 4,510,486, 4-9-85, Cl. 340-347.0DA.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Arithmetic operation circuit for finding a square root of a sum of squared values. 4,511,991, 4-16-85, Cl. 364-814.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Analog arithmetic operation circuit. 4,524,292, 6-18-85, Cl. 307-494.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Voltage comparator circuit. 4,529,893, 7-16-85, Cl. 307-361.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Voltage-current converting circuit. 4,536,701, 8-20-85, Cl. 323-315.000.

Nagano, Katsumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Constant current source or voltage source transistor circuit. 4,536,702, 8-20-85, Cl. 323-316.000.

Nagano, Katsuyuki; Takahashi, Yasushi; Takasaki, Yoshitaka; and Tanaka, Mitsuo, to Hitachi, Ltd. Time domain multiplexer. 4,504,943, 3-12-85, Cl. 370-79.000.

Nagano, Katsuyuki: *See*—
- Yoshine, Hiroki; Takasaki, Yoshitaka; Takahashi, Yasushi; Yamada, Mitsuo; and Nagano, Katsuyuki, 4,503,546, Cl. 375-37.000.

Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, to Hitachi, Ltd. Electronic controlled fuel injection system and injection timing control method therefor. 4,506,646, 3-26-85, Cl. 123-501.000.

Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, to Hitachi, Ltd. Electrical fuel injector. 4,550,705, 11-5-85, Cl. 123-488.000.

Nagano, Masanobu: *See*—
- Ueda, Ikuo; Kato, Masayuki; and Nagano, Masanobu, 4,543,356, Cl. 514-259.000.

Nagano, Masashi, to Shimano Industrial Company Limited. Speed control device for a bicycle. 4,507,101, 3-26-85, Cl. 474-82.000.

Nagano, Masashi, to Shimano Industrial Company Limited. Sprocket for a bicycle. 4,519,791, 5-28-85, Cl. 474-152.000.

Nagano, Masashi, to Shimano Industrial Company Limited. Gear crank apparatus for a bicycle. 4,522,610, 6-11-85, Cl. 474-141.000.

Nagano, Masashi, to Shimano Industrial Company Limited. Handle for a bicycle. 4,528,865, 7-16-85, Cl. 74-551.400.

Nagano, Masashi, to Shimano Industrial Company Limited. Derailleur for a bicycle. 4,530,677, 7-23-85, Cl. 474-80.000.

Nagano, Masashi, to Shimano Industrial Company Limited. Control device for a two stage derailleur. 4,532,825, 8-6-85, Cl. 74-532.000.

Nagano, Masashi, to Shimano Industrial Company Limited. Brake operating device for a bicycle. 4,543,847, 10-1-85, Cl. 74-480.00R.

Nagano, Masashi, to Shimano Industrial Company Limited. Bicycle brake having an improved adjustment mechanism for adjusting the position of a brake shoe relative to a wheel rim. 4,546,858, 10-15-85, Cl. 188-24.190.

Nagano, Masashi, to Shimano Industrial Company Limited. Front derailleur for a bicycle. 4,551,121, 11-5-85, Cl. 474-140.000.

Nagano, Mitsuo; Hirai, Koichi; Kitamura, Kouichi; Shinkai, Kenkichi; and Yasuda, Hiroshi, to Sankyo Company Limited. Amino-acid derivatives, their preparation and their use as pharmaceuticals. 4,545,942, 10-8-85, Cl. 260-465.00D.

Nagano, Riichiro; Kiga, Hiroshi; and Iwata, Tadao, to Mitsui Petrochemical Industries, Ltd. Glass-reinforced polymer composition comprising 4-methyl-1-pentene polymer in combination with a graft modified acid polymer of 4-methyl-1-pentene polymer. 4,501,827, 2-26-85, Cl. 523-214.000.

- Nagano, Ryota: *See—*
  - Semba, Hideo; Hori, Toshio; Sagawa, Noboru; and Nagano, Ryota, 4,528,867, Cl. 74-606.00R.
- Nagano, Susumu: *See—*
  - Fukuda, Tomeichiro; Soda, Takashi; Furukawa, Ikuo; Hayashi, Takushi; Kumata, Fujio; and Nagano, Susumu, 4,548,777, Cl. 264-107.000.
- Nagano, Takahiro, to Hitachi, Ltd. Gate-turn off thyristor with optimized anode shorting resistance, R_{so}. 4,511,913, 4-16-85, Cl. 357-38.000.
- Nagano, Takahiro: *See—*
  - Yatsuo, Tsutomu; Nagano, Takahiro, Oikawa, Saburo; and Horie, Akira, 4,500,903, Cl. 357-38.000.
  - Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.
- Nagano, Takashi: *See—*
  - Tanaka, Osamu; Nakashima, Shozaburo; Nagano, Takashi; Kumano, Tomoji; and Hiromae, Yoshitaka, 4,543,134, Cl. 148-113.000.
- Nagano, Tamio, to Kabushiki Kaisha Daikin Seisakusho. Damper disc. 4,493,408, 1-15-85, Cl. 192-106.200.
- Nagano, Tamio, to Kabushiki Kaisha Daikin Seisakusho. Damper disc with concentric springs including hourglass-shaped springs to reduce the effect of centrifugal forces. 4,499,981, 2-19-85, Cl. 192-106.200.
- Nagano, Tamio, to Kabushiki Kaisha Daikin Seisakusho. Clutch disk having alternatingly connected subplates between friction washers. 4,533,031, 8-6-85, Cl. 192-106.200.
- Nagano, Tamio, to Kabushiki Kaisha Daikin Seisakusho. Damper disc suitable for automobile clutch. 4,555,008, 11-26-85, Cl. 192-106.100.
- Nagano, Tamio, to Kabushiki Kaisha Daikin Seisakusho. Clutch disc. 4,557,362, 12-10-85, Cl. 192-106.200.
- Nagano, Teruo; and Nagashima, Akira, to Fuji Photo Film Co., Ltd. Light-sensitive composition. 4,493,884, 1-15-85, Cl. 430-192.000.
- Nagano, Teruo; Nakakita, Eiji; and Sekiya, Toshiyuki, to Fuji Photo Film Co., Ltd. Light-sensitive printing plate with patterned matting layer. 4,557,994, 12-10-85, Cl. 430-162.000.
- Nagano, Teruo: *See—*
  - Ishikawa, Shun-ichi; Nagano, Teruo; Tamoto, Koji; and Shinozaki, Fumiaki, 4,504,573, Cl. 430-288.000.
  - Nagashima, Akira; Hasegawa, Akira; Aoai, Toshiaki; and Nagano, Teruo, 4,536,464, Cl. 430-192.000.
  - Tamoto, Koji; Umehara, Akira; Nagano, Teruo; Iwasaki, Masayuki; and Aotani, Yoshimasa, 4,505,793, Cl. 204-159.160.
- Nagano, Tsutomu, to Kitz Corporation. Ball valve with emergency sealing device. 4,557,286, 12-10-85, Cl. 137-74.000.
- Naganuma, Seihachi: *See—*
  - Suzuki, Katsuhiko; and Naganuma, Seihachi, 4,501,115, Cl. 57-220.000.
- Naganuma, Yoshihiro: *See—*
  - Saito, Takashi; Suzuki, Kazumoto; and Naganuma, Yoshihiro, 4,525,432, Cl. 428-653.000.
- Nagao, Akihito; Takahashi, Kouichi; Masuda, Shunji; Fujimoto, Misao; and Nishikawa, Toshio, to Mazda Motor Corporation. Valve timing control for internal combustion engines. 4,552,112, 11-12-85, Cl. 123-432.000.
- Nagao, Akihito: *See—*
  - Oda, Hiroyuki; Morita, Yasuyuki; and Nagao, Akihito, 4,519,350, Cl. 123-308.000.
- Nagao, Isao: *See—*
  - Fukunaga, Mitsuo; and Nagao, Isao, 4,505,099, Cl. 57-86.000.
- Nagao, Jay: *See—*
  - Miller, Richard W.; Nagao, Jay; and Dexter, Steve, 4,549,449, (74-785.000.
- Nagao, Kenichi: *See—*
  - Saito, Tomotaka; and Nagao, Kenichi, 4,551,716, Cl. 340-711.000.
- Nagao, Kimitoshi: *See—*
  - Sakanoue, Kei; Yagihara, Morio; Ichijima, Seigi; and Nagao, Kimitoshi, 4,500,634, Cl. 430-544.000.
- Nagao, Makoto; Nahara, Akira; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Apparatus for making a magnetic recording medium. 4,501,225, 2-26-85, Cl. 118-718.000.
- Nagao, Makoto; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,511,635, 4-16-85, Cl. 428-694.000.
- Nagao, Makoto; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,521,481, 6-4-85, Cl. 428-336.000.
- Nagao, Makoto; and Nahara, Akira, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,536,443, 8-20-85, Cl. 428-336.000.
- Nagao, Masakazu: *See—*
  - Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
- Nagao, Masatoshi, to Sumitomo Gomu Kogyo Kabushiki Kaisha. Fender beam and life ladder in one. 4,546,856, 10-15-85, Cl. 182-228.000.
- Nagao, Nobuya: *See—*
  - Taguchi, Shinichiro; Nagao, Nobuya; and Ogihara, Yutaka, 4,500,931, Cl. 358-310.000.
- Nagao, Taku: *See—*
  - Oh-ishi, Tokuro; Takeda, Mikio; Nakajima, Hiromichi; and Nagao, Taku, 4,521,430, Cl. 514-211.000.
- Nagao, Toshiaki: *See—*
  - Sukimoto, Yasuyuki; and Nagao, Toshiaki, 4,504,010, Cl. 236-46.00F.
- Nagao, Yasuyuki: *See—*
  - Tanaka, Shinsuke; Tanaka, Fujio; Nagao, Yasuyuki; Imamura, Nobutake; and Ota, Chuichi, 4,559,573, Cl. 360-131.000.
- Nagao, Yoshimitsu: *See—*
  - Fujita, Eiichi; Nagao, Yoshimitsu; Ikeda, Takao; and Inoue, Takehisa, 4,495,355, Cl. 546-209.000.
- Nagaoka, Isao: *See—*
  - Yamano, Masaru; Nagaoka, Isao; Kuwano, Yukinori; Kawada, Hiroshi; and Sakai, Souichi, 4,542,578, Cl. 29-572.000.
- Nagaoka, Mitsuru; and Yasuno, Mitsuo, to Mazda Motor Corporation. Clutch control in a multiple clutch type gear transmission for automobile. 4,497,222, 2-5-85, Cl. 74-866.000.
- Nagaoka, Mitsuru; and Yasuno, Mitsuo, to Mazda Motor Corporation. Shift up clutch control in a multiple clutch type gear transmission for automobile. 4,517,859, 5-21-85, Cl. 74-866.000.
- Nagaoka, Mitsuru; Oda, Kazuya; and Sumida, Shizuo, to Mazda Motor Corporation. Multiple clutch transmission having gear control device. 4,519,484, 5-28-85, Cl. 192-3.580.
- Nagaoka, Miyuki: *See—*
  - Kume, Nobuyuki; Yoshino, Harumi; and Nagaoka, Miyuki, 4,494,168, Cl. 361-273.000.
- Nagaoka, Muneo, to I & K Trading Company. Shuttle wheel toy. 4,501,568, 2-26-85, Cl. 446-450.000.
- Nagaoka, Satoshi: *See—*
  - Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, 4,493,889, Cl. 430-572.000.
  - Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, 4,544,628, Cl. 430-572.000.
  - Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, 4,513,081, Cl. 430-550.000.
  - Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; and Ukai, Toshinao, 4,552,837, Cl. 430-550.000.
- Nagaoka, Shinji; and Sato, Koji, to Seiko Koki Kabushiki Kaisha. Control circuit for active type range finder. 4,497,560, 2-5-85, Cl. 354-403.000.
- Nagaoka, Tateki: *See—*
  - Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.
- Nagaoka, Tatsuo: *See—*
  - Narisawa, Hirokichi; and Nagaoka, Tatsuo, 4,541,331, Cl. 99-567.000.
- Nagaoka, Yoshimichi, to Victor Company of Japan, Ltd. Miniature type tape cassette. 4,504,876, 3-12-85, Cl. 360-94.000.
- Nagaoka, Yoshinobu: *See—*
  - Kimura, Takao; and Nagaoka, Yoshinobu, 4,552,708, Cl. 264-53.000.
- Nagaoka, Yoshitomi: *See—*
  - Yamamoto, Yoshiharu; Nakajima, Yasuo; and Nagaoka, Yoshitomi, 4,548,480, Cl. 350-432.000.
- Nagaraj, D. R., to American Cyanamid Company. Process for the flotation of base metal sulfide minerals in acid, neutral or mildly alkaline circuits. 4,556,482, 12-3-85, Cl. 209-166.000.
- Nagarajan, Ramakrishnan; and Schabel, Amelia A., to Eli Lilly and Company. Glycopeptide antibiotics and process of preparation. 4,552,701, 11-12-85, Cl. 260-112.50R.
- Nagarekawa, Osamu; and Matsui, Shigekazu, to Hoya Electronics Co., Ltd. Photo-mask blank for use in lithography including a modified chromium compound. 4,530,891, 7-23-85, Cl. 430-5.000.
- Nagasaka, Mitsuaki: *See—*
  - Ohno, Sachio; Mizukoshi, Kiyoshi; Komatsu, Osamu; Nagasaka, Mitsuaki; and Nakamura, Yoshiki, 4,496,735, Cl. 546-301.000.
- Nagasaka, Nobuyuki; and Momoshima, Yukichi, to Kabushiki Kaisha Daini Seikosha. Electronic musical instrument. 4,513,650, 4-30-85, Cl. 84-1.030.
- Nagasaka, Nobuyuki: *See—*
  - Momoshima, Yukichi; Nagasaka, Nobuyuki; and Mine, Mamoru, 4,497,235, Cl. 84-1.190.
  - Momoshima, Yukichi; and Nagasaka, Nobuyuki, 4,515,057, Cl. 84-1.030.
- Nagasaka, Syuichi; and Kaneko, Siyoukichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for reacting a semiconductor wafer with steam. 4,546,726, 10-15-85, Cl. 118-719.000.
- Nagasaka, Yasumasa, to Toyota Jidosha Kogyo Kabushiki Kaisha. Process of manufacturing auto bumpers. 4,536,937, 8-27-85, Cl. 29-460.000.
- Nagasaki, Humiko: *See—*
  - Ueda, Akiyoshi; Nagasaki, Humiko; Takakura, Yutaka; and Kojima, Shigeru, 4,532,363, Cl. 568-424.000.
- Nagasaki, Nobuo: *See—*
  - Arakawa, Tadao; Noguchi, Yoshiki; Hishinuma, Yukio; and Nagasaki, Nobuo, 4,546,603, Cl. 60-39.120.
- Nagasaki, Sakon: *See—*
  - Kageyama, Yoshikazu; Nagasaki, Sakon; and Mino, Mineo, 4,521,735, Cl. 324-433.000.
- Nagasaki, Shoji; Kojima, Keiichi; and Ueno, Keiji, to Sumitomo Electric Industries, Ltd. Process for producing optical fiber for optical transmission. 4,540,597, 9-10-85, Cl. 427-44.000.
- Nagasaki, Tatsuo, to Olympus Optical Co., Ltd. Ultrasonic detection apparatus. 4,497,322, 2-5-85, Cl. 128-660.000.

- Nagasaki, Yoshio, to Kanda Tushin Kogyo. Method for checking function states in key telephone system. 4,517,409, 5-14-85, Cl. 179-81.00C.
- Nagasaku, Eiichi: *See—*
  - Kondo, Makoto; Nagasaku, Eiichi; Yamamoto, Yuuji; and Taya, Tosiki, 4,526,524, Cl. 418-255.000.
  - Yokoyama, Masato; Nagasaku, Eiichi; Taya, Tosiki; and Kato, Toshiyuki, 4,560,332, Cl. 418-83.000.
- Nagasawa, Eiji; Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Higuchi, Kohei, to Nippon Electric Co., Ltd. Process of forming electrodes and interconnections on silicon semiconductor devices. 4,551,908, 11-12-85, Cl. 29-571.000.
- Nagasawa, Eiji: *See—*
  - Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Nagasawa, Eiji, 4,558,507, Cl. 29-571.000.
- Nagasawa, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Light emitting display device. 4,529,907, 7-16-85, Cl. 313-499.000.
- Nagasawa, Hisamichi: *See—*
  - Terajima, Jiro; Suzuki, Tadahiko; and Nagasawa, Hisamichi, 4,531,026, Cl. 200-5.00R.
- Nagasawa, Kouichi; Ikeda, Shuji; Suzuki, Norio; and Sakai, Yoshio, to Hitachi, Ltd. Method of making CMOS semiconductor device using specially positioned, retained masks, and product formed thereby. 4,549,340, 10-29-85, Cl. 29-571.000.
- Nagasawa, Masanori: *See—*
  - Suzuki, Yasuo; Hirao, Hiroshi; and Nagasawa, Masanori, 4,518,873, Cl. 307-451.000.
- Nagasawa, Masao, to Nippondenso Co., Ltd. Output supply control apparatus for internal combustion engine magneto generator. 4,537,174, 8-27-85, Cl. 123-604.000.
- Nagasawa, Shiro; Morimoto, Naruaki; Fujimura, Toshio; Itoh, Masayuki; and Taniguchi, Shinya, to Nippondenso Co., Ltd. Method and apparatus for controlling air-fuel ratio of mixture for combustion engines. 4,542,730, 9-24-85, Cl. 123-489.000.
- Nagasawa, Takashi; and Nakata, Tiaki, to Sumitomo Chemical Company, Limited; and Taoka Chemical Company, Limited. Adhesive composition. 4,496,685, 1-29-85, Cl. 524-708.000.
- Nagasawa, Takeshi; Kuroiwa, Katsumasa; and Takabayashi, Katsuyuki, to Nitto Boseki Co. Ltd. Method for measuring thrombin. 4,520,100, 5-28-85, Cl. 435-13.000.
- Nagasawa, Takeshi: *See—*
  - Takabayashi, Katsuyuki; Soeta, Muneo; and Nagasawa, Takeshi, 4,529,709, Cl. 436-111.000.
- Nagasawa, Toshio: *See—*
  - Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, 4,518,353, Cl. 432-205.000.
- Nagasawa, Tsunehiko: *See—*
  - Takenouchi, Tsutomu; Nagasawa, Tsunehiko; and Nanasawa, Masatada, 4,519,008, Cl. 360-79.000.
- Nagase, Hidenobu; Suzuki, Shigeru; and Shimada, Shinichi, to Honda Giken Kogyo Kabushiki Kaisha. Mounting device for fuel injection nozzles for internal combustion engines. 4,519,371, 5-28-85, Cl. 123-470.000.
- Nagase, Hiroshi, to Fujikura Kasei Co., Ltd. Process for producing water-absorbing resins. 4,524,186, 6-18-85, Cl. 525-328.800.
- Nagase, Hiroshi; and Okuyama, Toshiaki, to Hitachi, Ltd. Method and apparatus of controlling induction motors. 4,524,310, 6-18-85, Cl. 318-808.000.
- Nagase, Hiroshi: *See—*
  - Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, 4,532,464, Cl. 318-807.000.
  - Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, 4,516,065, Cl. 318-811.000.
- Nagase, Hyosuke; Sato, Tetsuya; Kobayashi, Kazuo; Masumoto, Norio; and Nagase, Yuji, to Hitachi, Ltd.; and Nagase, Hyosuke. Filtration/-separation apparatus. 4,517,087, 5-14-85, Cl. 210-396.000.
- Nagase, Kaneomi: *See—*
  - Itakura, Gen; Kuramitsu, Hideki; Iguchi, Takashi; Kuroda, Takayuki; and Nagase, Kaneomi, 4,558,020, Cl. 501-137.000.
- Nagase, Masao: *See—*
  - Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.
- Nagase, Masaomi; and Miyagi, Hideo, to Toyota Jidosha Kabushiki Kaisha. Controlling device for quantity of fuel injection in diesel engine. 4,502,439, 3-5-85, Cl. 123-357.000.
- Nagase, Masaomi: *See—*
  - Ogawa, Toshihisa; Miyagi, Hideo; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,522,168, Cl. 123-198.00D.
  - Tsukamoto, Keisuk; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,561,397, Cl. 123-357.000.
- Nagase, Toshio: *See—*
  - Joh, Yasushi; Kaneko, Noriaki; and Nagase, Toshio, 4,508,535, Cl. 604-282.000.
- Nagase, Ushiro, to Kyoto Central Co. Ltd. Geothermal energy conversion system. 4,512,156, 4-23-85, Cl. 60-641.200.
- Nagase, Yasuo: *See—*
  - Haruki, Kazuhito; Kohno, Takeshi; and Nagase, Yasuo, 4,507,739, Cl. 364-478.000.
  - Kohno, Takeshi; Haruki, Kazuhito; and Nagase, Yasuo, 4,503,977, Cl. 209-564.000.
- Nagase, Yoshinori: *See—*
  - Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,499,251, Cl. 526-278.000.
  - Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,537,940, Cl. 526-278.000.
  - Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,539,382, Cl. 526-276.000.
- Nagase, Yuji: *See—*
  - Nagase, Hyosuke; Sato, Tetsuya; Kobayashi, Kazuo; Masumoto, Norio; and Nagase, Yuji, 4,517,087, Cl. 210-396.000.
- Nagashima, Akihiro: *See—*
  - Nakatomi, Yasuo; Saito, Hiraku; Nagashima, Akihiro; and Umeda, Fumio, 4,547,374, Cl. 426-19.000.
- Nagashima, Akira; and Saito, Yasuo, to Kioritz Corporation. Emergency braking device for chain saw. 4,493,400, 1-15-85, Cl. 188-77.00W.
- Nagashima, Akira; and Kondo, Tadashige, to Kioritz Corporation. Chain saw. 4,534,005, 8-6-85, Cl. 364-505.000.
- Nagashima, Akira, to Kioritz Corporation. Tank cap for powered machine. 4,535,910, 8-20-85, Cl. 220-377.000.
- Nagashima, Akira; Hasegawa, Akira; Aoai, Toshiaki; and Nagano, Teruo, to Fuji Photo Film Co., Ltd. Photosensitive composition with o-quinonediazide compound and condensate of dihydric phenol and aldehyde or ketone. 4,536,464, 8-20-85, Cl. 430-192.000.
- Nagashima, Akira; and Taomo, Toshio, to Kioritz Corporation. Cooling fan for recoil starter type engine. 4,543,915, 10-1-85, Cl. 123-41.650.
- Nagashima, Akira, to Kioritz Corporation. Carburetor chamber. 4,548,169, 10-22-85, Cl. 123-195.00C.
- Nagashima, Akira, to Kioritz Corporation. Fuel pipe joint. 4,552,105, 11-12-85, Cl. 123-198.00R.
- Nagashima, Akira: *See—*
  - Nagano, Teruo; and Nagashima, Akira, 4,493,884, Cl. 430-192.000.
- Nagashima, Hideo: *See—*
  - Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.
- Nagashima, Kazuo, to Toshiba Kikai Kabushiki Kaisha. Control system for roll grinding machine. 4,516,212, 5-7-85, Cl. 364-475.000.
- Nagashima, Masato; Katsuyama, Mikizo; and Yamamoto, Masahiro, to Dainippon Screen Seizo Kabushiki Kaisha. Device for transferring information through fiberoptic bundles without distortion of information transferred therethrough. 4,523,805, 6-18-85, Cl. 350-96.240.
- Nagashima, Masayoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal transfer type printing apparatus. 4,511,902, 4-16-85, Cl. 346-76.0PH.
- Nagashima, Masayoshi; and Yamane, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Color printing apparatus. 4,517,590, 5-14-85, Cl. 358-75.000.
- Nagashima, Masayoshi; Yamane, Hiroshi; and Yamashita, Mitsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Color printing apparatus. 4,517,591, 5-14-85, Cl. 358-75.000.
- Nagashima, Masayoshi; Yamane, Hiroshi; Kikkawa, Shigeru; and Teraki, Yoshinori, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal transfer recording apparatus. 4,527,172, 7-2-85, Cl. 346-76.0PH.
- Nagashima, Masayoshi; Yamane, Hiroshi; Nonoyama, Makoto; and Tashiro, Tsuneo, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal transfer type printing apparatus. 4,542,387, 9-17-85, Cl. 346-76.0PH.
- Nagashima, Masayoshi; and Yamane, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal transfer electroprinting apparatus. 4,562,444, 12-31-85, Cl. 346-76.0PH.
- Nagashima, Nao, to Canon Kabushiki Kaisha. Two-side image forming apparatus. 4,499,500, 2-12-85, Cl. 358-296.000.
- Nagashima, Nao, to Canon Kabushiki Kaisha. Image formation system. 4,524,394, 6-18-85, Cl. 358-296.000.
- Nagashima, Nao: *See—*
  - Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.
  - Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.
- Nagashima, Nobuharu: *See—*
  - Eguchi, Mitsuo; Tagawa, Kiyoharu; Ogawa, Hitoshi; Bandai, Mikio; and Nagashima, Nobuharu, 4,523,829, Cl. 354-406.000.
- Nagashima, Shigeo; Torii, Shunichi; Omoda, Koichiro; and Inagami, Yasuhiro, to Hitachi, Ltd. Data processing system including scalar data processor and vector data processor. 4,541,046, 9-10-85, Cl. 364-200.000.
- Nagashima, Shigeo: *See—*
  - Omoda, Koichiro; Inagami, Yasuhiro; Torii, Shunichi; and Nagashima, Shigeo, 4,525,796, Cl. 364-730.000.
- Nagashima, Shigeru: *See—*
  - Sakamoto, Hitoshi; Sakagami, Seiji; and Nagashima, Shigeru, 4,500,097, Cl. 277-59.000.
- Nagashima, Takashi, to Aisin Seiki Kabushiki Kaisha. Hydraulic brake inertia-controlled proportioning valve. 4,544,210, 10-1-85, Cl. 303-6.00C.
- Nagashima, Takashi: *See—*
  - Adachi, Yoshiharu; Ando, Masamoto; and Nagashima, Takashi, 4,561,699, Cl. 303-24.00F.
  - Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa,

Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.

Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi, Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.

Nagashima, Tsuneyasu; and Sato, Youji, to Kasai Kogyo Co., Ltd.; and Nifco Inc. Upholstery fixing device. 4,505,611, 3-19-85, Cl. 403-406.000.

Nagashima, Yoshimitsu, to Silver Seiko Ltd. Drive mechanism including a one-way spring clutch for a typewriter. 4,538,931, 9-3-85, Cl. 400-185.000.

Nagashima, Yoshimitsu, to Silver Seiko Ltd. Alternate ribbon feed mechanism for fabric and carbon ribbon cassettes. 4,561,791, 12-31-85, Cl. 400-208.000.

Nagashino, Ayaji, to Japan Tobacco & Salt Public Corporation, The. Method and apparatus for unpacking a box packed with compressed material. 4,548,539, 10-22-85, Cl. 414-412.000.

Nagasoe, Seiichi: *See—*

Kishikawa, Kanichi; Nishino, Taneharu; and Nagasoe, Seiichi, 4,503,699, Cl. 72-222.000.

Nagasu, Akira: *See—*

Tobita, Tomoyuki; Yamamoto, Yoshimi; Nagasu, Akira; and Takahashi, Yukio, 4,546,653, Cl. 73-720.000.

Nagasuye, Joseph H.: *See—*

Assarsson, Per G.; and Nagasuye, Joseph H., 4,497,896, Cl. 435-161.000.

Nagata, Hidetoshi: *See—*

Kaiho, Keisuke; and Nagata, Hidetoshi, 4,528,234, Cl. 428-216.000.

Nagata, Hiromitsu, to Daiwa Seiko Inc. Fishing reel. 4,520,971, 6-4-85, Cl. 242-220.000.

Nagata, Hiroshi, to Kabushiki Kaisha Daikin Seisakusho. Hydraulic pressure modulation device. 4,560,044, 12-24-85, Cl. 192-3.570.

Nagata, Kazuhisa; Mori, Keiji; and Ogasawara, Asao, to Aisin Seiki Kabushiki Kaisha. Tilting type sunroof. 4,493,507, 1-15-85, Cl. 296-216.000.

Nagata, Keiji; Ueda, Syuji; and Tanigawa, Yoshiyuki, to Matsushita Electric Industrial Co., Ltd. Table sliding apparatus. 4,495,871, 1-29-85, Cl. 108-20.000.

Nagata, Kenzo: *See—*

Hashimoto, Kaoru; and Nagata, Kenzo, 4,556,779, Cl. 219-216.000.

Ito, Masazumi; and Nagata, Kenzo, 4,535,463, Cl. 377-8.000.

Nagata, Kiyoshi. Stereoscopic color television system. 4,541,007, 9-10-85, Cl. 358-3.000.

Nagata, Koichi; and Ishii, Daisuke, to Nippon Electric Co., Ltd. Portable radio receiver with high antenna gain. 4,491,978, 1-1-85, Cl. 455-338.000.

Nagata, Koichi, to Kyoto Ceramic Co., Ltd. Ceramic body for chromatography and process for preparation thereof. 4,508,624, 4-2-85, Cl. 210-658.000.

Nagata, Koichi: *See—*

Mori, Toshihiro; and Nagata, Koichi, 4,554,540, Cl. 340-825.440.

Oda, Takashi; and Nagata, Koichi, 4,495,429, Cl. 307-491.000.

Nagata, Koshiro: *See—*

Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, 4,547,372, Cl. 426-11.000.

Nagata, Masanori, to Toyoda Gosei Co., Ltd. Vehicular seat. 4,558,900, 12-17-85, Cl. 296-152.000.

Nagata, Masayoshi: *See—*

Horie, Seiji; Nakano, Junji; Nagata, Masayoshi; and Sato, Hideo, 4,500,622, Cl. 430-78.000.

Nagata, Masayuki: *See—*

Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, 4,506,109, Cl. 174-128.00S.

Saito, Shigeo; and Nagata, Masayuki, 4,537,642, Cl. 148-11.50Q.

Nagata, Michiaki; and Nakashima, Koji, to Mitsui Petrochemical Industries, Ltd. Corrugated board-like sheet made of synthetic resin. 4,507,348, 3-26-85, Cl. 428-172.000.

Nagata, Minoru: *See—*

Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, 4,543,499, Cl. 307-477.000.

Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.

Nagata, Muneyoshi; and Kano, Hiroshi, to Nippon Electric Co., Ltd. Invertible inked ribbon cartridge having two sets of feed mechanisms for an impact-serial printer. 4,544,291, 10-1-85, Cl. 400-208.000.

Nagata, Niro: *See—*

Shimazaki, Takashi; and Nagata, Niro, 4,528,936, Cl. 118-653.000.

Nagata, Osamu; Inagaki, Masanari; and Yamada, Hajime, to Kawasaki Jukogyo Kabushiki Kaisha. Maneuvering system of watercraft and the like. 4,532,877, 8-6-85, Cl. 114-144.00E.

Nagata, Ryuichi: *See—*

Otaki, Toshihiro; Nagata, Ryuichi; and Yoshii, Toshiya, 4,561,724, Cl. 350-334.000.

Nagata, Shoji: *See—*

Ohashi, Naohito; Nagata, Shoji; and Ishizumi, Kikuo, 4,562,263, Cl. 548-479.000.

Nagata, Sumio; Kanaiwa, Kazuhide; and Ichikawa, Takashi, to Director-General of the Agency of Industrial Science and Technology; and Shachihata Kogyo K.K. Method for the preparation of a spongy metallic body. 4,556,096, 12-3-85, Cl. 164-79.000.

Nagata, Takayoshi; and Hashiyama, Mitsuaki, to Toyo Tire & Rubber Co., Ltd. Tire tread rubber composition. 4,548,980, 10-22-85, Cl. 524-495.000.

Nagata, Tatsuya: *See—*

Makishima, Akio; Nagata, Tatsuya; and Shimohira, Takajiro, 4,530,909, Cl. 501-73.000.

Nagata, Teruyuki: *See—*

Umemoto, Mitsumasa; Asano, Tamotsu; Nagata, Teruyuki; and Numata, Satoshi, 4,542,243, Cl. 568-636.000.

Nagata, Toru, to Canon Kabushiki Kaisha. One-way clutch and winding and rewinding device for camera using the same. 4,548,304, 10-22-85, Cl. 192-46.000.

Nagata, Wataru; Nishitani, Yasuhiro; and Sato, Hisao, to Shionogi & Co., Ltd. Synthesis of hydroxyethyltetrazolethiol and etherified intermediates therefor. 4,508,909, 4-2-85, Cl. 548-251.000.

Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, to Shionogi & Co., Ltd. Vinylthioacetamido oxacephalosporin derivatives. 4,529,721, 7-16-85, Cl. 514-191.000.

Nagata, Wataru; and Aoki, Tsutomu, to Shionogi & Co., Ltd. Mercaptotetrazolylalkanohydroxamic acids, salts and ester thereof. 4,555,578, 11-26-85, Cl. 548-251.000.

Nagata, Wataru: *See—*

Tokuyama, Kanji; Nishitani, Yasuhiro; Tanaka, Mamoru; and Nagata, Wataru, 4,511,738, Cl. 568-14.000.

Yamamoto, Sadao; Itani, Hikaru; Takahashi, Hiromi; Tsuji, Teruji; and Nagata, Wataru, 4,539,148, Cl. 260-239.00A.

Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,504,659, Cl. 544-92.000.

Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,533,730, Cl. 544-92.000.

Nagata, Yasuhisa: *See—*

Minamisawa, Tsuyoshi; Kogo, Yasuo; and Nagata, Yasuhisa, 4,500,660, Cl. 523-428.000.

Nagata, Yoichi: *See—*

Ishikawa, Toshikatsu; Ichikawa, Hiroshi; Imai, Yoshikazu; Hayase, Tokuji; and Nagata, Yoichi, 4,507,354, Cl. 428-245.000.

Nagata, Yoshihiro, to Kabushiki Kaisha Komatsu Seisakusho. Steering control system for crawler tractor type vehicles. 4,494,621, 1-22-85, Cl. 180-6.200.

Nagata, Yoshitaka: *See—*

Emoto, Takao; and Nagata, Yoshitaka, 4,527,717, Cl. 222-593.000.

Nagata, Yukiaki: *See—*

Sugino, Kenji; and Nagata, Yukiaki, 4,500,262, Cl. 417-214.000.

Sugino, Kenji; and Nagata, Yukiaki, 4,505,638, Cl. 415-113.000.

Nagata, Yukihiro: *See—*

Watanabe, Yasushi; Suzuki, Yuichi; Nagata, Yukihiro; and Hoshino, Kiyotaka, 4,498,519, Cl. 164-417.000.

Nagatani, Kazuo, to Sakurai Machine Trading Co., Ltd. Paper discharger in cylinder screen printing machine. 4,509,422, 4-9-85, Cl. 101-118.000.

Nagatani, Kuniaki: *See—*

Nishiyama, Ryuzo; Fujikawa, Kanichi; Yokomichi, Isao; Haga, Takahiro; Nagatani, Kuniaki; and Hayashi, Kouji, 4,546,191, Cl. 546-303.000.

Nagatani, Nobuaki: *See—*

Terajima, Yoshimi; Akitoshi, Hiroshi; and Nagatani, Nobuaki, 4,553,693, Cl. 229-7.00S.

Nagatani, Toshio; Chiba, Norio; Hatanaka, Takao; and Saito, Toshio, to Konishiroku Photo Industry Co., Ltd. Packaged photographic product. 4,551,367, 11-5-85, Cl. 428-35.000.

Nagatani, Yoshiteru: *See—*

Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Nagato, Hitoshi; Izawa, Koji; and Hirahara, Shuzo, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal recording system. 4,514,738, 4-30-85, Cl. 346-76.0PH.

Nagato, Hitoshi: *See—*

Yana, Masasumi; Nagato, Hitoshi; Yamada, Kiyoshi; Ueno, Shyoji; and Shibuya, Kunihiro, 4,552,470, Cl. 400-120.000.

Nagato, Yoshio; and Soroi, Kazunori, to Kyocera Corporation. Decorative hard golden ceramic article. 4,511,665, 4-16-85, Cl. 501-96.000.

Nagato, Yuichiro: *See—*

Mutoh, Nobuyoshi; Sakai, Keijiro; Hattori, Motonobu; and Nagato, Yuichiro, 4,562,524, Cl. 363-41.000.

Nagatome, Yoshiaki: *See—*

Sugisawa, Ko; Matsumura, Yasushi; Taga, Kazumitsu; Sengoku, Kouji; and Nagatome, Yoshiaki, 4,537,789, Cl. 426-634.000.

Nagatomi, Akihiko, to DX Antenna Company, Limited. Satellite broadcast signal receiving system. 4,509,198, 4-2-85, Cl. 455-4.000.

Nagatomi, Akihiko, to DX Antenna Company, Limited. High frequency signal switching device. 4,542,300, 9-17-85, Cl. 307-112.000.

Nagatomi, Kazuyuki: *See—*

Morikawa, Kenichi; Nagatomi, Kazuyuki; and Katanuma, Mitsuo, 4,520,235, Cl. 179-99.0LS.

Nagatomo, Hideaki; Kawahira, Hiroto; Nishizawa, Toshizo; and Yasuda, Mitsuo, to Mitsubishi Denki Kabushiki Kaisha. Air-conditioner for an automobile. 4,494,383, 1-22-85, Cl. 62-196.200.

- Nagatomo, Hideaki; Yasuda, Mitsuo; and Kubo, Seiji, to Mitsubishi Denki Kabushiki Kaisha. Temperature control device for a vehicle cabin. 4,497,240, 2-5-85, Cl. 98-2.010.
- Nagatomo, Hiroto; Maejima, Hisashi; Suzuki, Jun; and Fujikawa, Keishin, to Hitachi, Ltd. Manufacturing system. 4,544,318, 10-1-85, Cl. 414-222.000.
- Nagatomo, Muneshige: *See—*
  - Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.
- Nagatomo, Shigemi: *See—*
  - Sakata, Hirotsugu; and Nagatomo, Shigemi, 4,558,997, Cl. 418-55.000.
- Nagaura, Yoshiaki. Lens-shaped article or the like and a method and apparatus for the manufacture of same. 4,494,338, 1-22-85, Cl. 51-33.00W.
- Nagayama, Hajime: *See—*
  - Hagiwara, Hiroshi; Shirasaka, Masaru; and Nagayama, Hajime, 4,540,553, Cl. 423-230.000.
- Nagayama, Haruhiko; and Tomita, Satoru, to Ricoh Company, Ltd. Image-transfer-type electrostatic recording apparatus. 4,547,059, 10-15-85, Cl. 355-3.0BE.
- Nagayasu, Koichi: *See—*
  - Shibue, Toshiaki; and Nagayasu, Koichi, 4,554,175, Cl. 427-44.000.
- Nagayasu, Kuniaki; Konno, Setsuzou; and Yoshida, Toshio, to Matsushita Electric Industrial Co., Ltd. Method and apparatus for controlling a clothes dryer. 4,531,305, 7-30-85, Cl. 34-31.000.
- Nagel, Arthur A.: *See—*
  - Hauske, James R.; and Nagel, Arthur A., 4,512,982, Cl. 514-29.000.
  - Hauske, James R.; and Nagel, Arthur A., 4,518,590, Cl. 514-29.000.
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  - Heath, Robert B.; and Nagel, Colin M., 4,501,032, Cl. 5-94.000.
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  - McDonald, William J.; Maurer, William C.; and Nagel, David D., 4,496,174, Cl. 285-53.000.
- Nagel, Dietmar: *See—*
  - Arad, Avi; Kennedy, Melvin R.; and Nagel, Dietmar, 4,556,397, Cl. 446-436.000.
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- Nagel, Harry H., to Heinemann Electric Company. Circuit breaker comprising parallel connected sections. 4,492,941, 1-8-85, Cl. 335-13.000.
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  - Zimmermann, Hans; Pieper, Fritz; and Nagel, Hartmut, 4,530,495, Cl. 271-204.000.
- Nagel, James H., Jr. Tamper-evident resealable cap. 4,555,038, 11-26-85, Cl. 215-235.000.
- Nagel, Judy A.: *See—*
  - Bergamo, Robert L.; Foreman, Gordon T.; Gallaro, Anthony V.; and Nagel, Judy A., 4,505,999, Cl. 430-24.000.
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  - Kennedy, Melvin R.; Nagel, Dietmar; and Arad, Abraham A., 4,540,380, Cl. 446-463.000.
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  - Deimling, Karl; Falk, Roland; Krug, Aribert; Nagel, Peter; and Sand, Rudolf, 4,557,947, Cl. 427-130.000.
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  - Bone, Rainer; Boning, Bernward; Nagel, Rudolf; and Sellmaier, Franz, 4,491,110, Cl. 123-425.000.
  - Riexinger, Gustav; and Nagel, Rudolf, 4,536,929, Cl. 29-33.00K.
- Nagl, Martin, to Voest-Alpine Aktiengesellschaft. Apparatus for discharging solids from a shaft furnace. 4,507,079, 3-26-85, Cl. 432-95.000.
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- Nagoh, Chiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic copying apparatus. 4,495,521, 1-22-85, Cl. 358-256.000.
- Nagoshi, Fumiya: *See—*
  - Mathumoto, Shigemi; and Nagoshi, Fumiya, 4,526,928, Cl. 525-76.000.
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  - Muramatsu, Eiichi; Matsumoto, Shigemi; and Nagoshi, Fumiya, 4,518,742, Cl. 525-67.000.
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  - Kaneko, Yasuyuki; Ito, Masao; Ogura, Yukio; and Ishikawa, Jiro, 4,505,821, Cl. 210-611.000.
- Nagoya, Yoshinari: *See—*
  - Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, 4,522,040, Cl. 62-419.000.
- Nagpal, Krishen L., to Buffalo Color Corporation. Method for inhibiting the growth of fungi with phenyl glycine compounds. 4,492,683, 1-8-85, Cl. 424-309.000.
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  - Bertels, Augustinus W. M., 4,527,545, Cl. 126-433.000.
- Nagubandi, Sreeramulu, to Stauffer Chemical Company. Process for preparing phosphonomethylated amino acids. 4,491,548, 1-1-85, Cl. 260-502.50F.
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  - Blaauw, Cornelis; Naguib, Hussein M.; Ahmed, Syed M.; and Aftab, Ahmad, 4,524,091, Cl. 427-74.000.
  - Calder, Iain D.; and Naguib, Hussein M., 4,561,906, Cl. 148-1.500.
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- Nagumo, Fumio, to Sony Corporation. Smear reduction in solid state television camera. 4,558,366, 12-10-85, Cl. 358-213.000.
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  - Iwase, Seiichiro; Asaida, Takashi; and Nagumo, Fumio, 4,547,796, Cl. 358-13.000.
  - Miyata, Katsuro; Asaida, Takashi; and Nagumo, Fumio, 4,516,172, Cl. 358-228.000.
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- Nagy, Alex; and Herlein, Dick, to Fairchild Camera & Instrument Corporation. Deskewing time-critical signals in automatic test equipment. 4,511,846, 4-16-85, Cl. 328-164.000.
- Nagy, Charles S.; Placke, Dale L.; Gross, Jack R.; and Granzow, Robert H., to NCR Corporation. Transport for diverted and purged sheets in a sheet dispenser. 4,552,350, 11-12-85, Cl. 271-3.000.
- Nagy, David L. Key operated security cap. 4,496,065, 1-29-85, Cl. 215-207.000.
- Nagy, Ferenc: *See—*
  - Gyurko, Istvan; Czeininger, Csaba; Mosko, Karoly; and Nagy, Ferenc, 4,544,676, Cl. 521-84.100.

- Nagy, Gabor: *See—*
  - Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor; David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, 4,556,563, Cl. 514-258.000.
  - Szekely, Tamas; Csanda, Ferenc; Nagy, Gabor; and Czerny, Gyozo, 4,492,494, Cl. 405-264.000.
- Nagy, George, Jr.; and Rowan, Clement W., to Ford Motor Company. Low liquid level sensing and warning circuit. 4,539,547, 9-3-85, Cl. 340-59.000.
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- Nagy, Janos. Power source from generating caused by braking electric powered vehicles. 4,535,861, 8-20-85, Cl. 180-53.500.
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  - Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.
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  - Pasztor, Emil; Lazar, Laszlo; Nagy, Jozsef; and Pallosy nee Becker, Katalin, 4,551,132, Cl. 604-52.000.
  - Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.
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  - Kiszel, Janos; Papp, Laszlo; and Nagy, Laszlo, 4,539,984, Cl. 128-204.230.
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  - Orban, Erno ; Borvendeg, Janos; Nagy, Laszlo; Sotinee Tolvay, Marta; and Bander, Erzsebet, 4,539,199, Cl. 424-22.000.
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- Nagy, Louis L.; and O'Rourke, Michael J., to General Motors Corporation. Microwave probe for detecting oil level. 4,543,823, 10-1-85, Cl. 73-304.00C.
- Nagy, Louis L.; and O'Rourke, Michael J., to General Motors Corporation. Microwave probe for measurement of dielectric constants. 4,544,880, 10-1-85, Cl. 324-58.50R.
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  - Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
- Nagy, Monte L.: *See—*
  - Bhatti, Mohinder S.; Porzio, Thomas J.; and Nagy, Monte L., 4,516,995, Cl. 65-1.000.
- Nagy nee Vanicsek, Aniko : *See—*
  - Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252, Cl. 435-240.000.
- Nagy, Peter: *See—*
  - Cruzen, Gerald S.; Izadi, Said; and Nagy, Peter, 4,494,287, Cl. 29-156.80R.
- Nahara, Akira: *See—*
  - Akashi, Goro; Nahara, Akira; and Arai, Yoshihiro, 4,543,275, Cl. 427-250.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,495,242, Cl. 428-336.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,521,482, Cl. 428-336.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,551,778, Cl. 360-131.000.
  - Arai, Yoshihiro; and Nahara, Akira, 4,557,944, Cl. 427-39.000.
  - Nagao, Makoto; Nahara, Akira; and Akashi, Goro, 4,501,225, Cl. 118-718.000.
  - Nagao, Makoto; and Nahara, Akira, 4,511,635, Cl. 428-694.000.
  - Nagao, Makoto; and Nahara, Akira, 4,521,481, Cl. 428-336.000.
  - Nagao, Makoto; and Nahara, Akira, 4,536,443, Cl. 428-336.000.
- Nahara, Yukinori: *See—*
  - Maetani, Teruo; Miyoshi, Ryoichi; Nahara, Yukinori; Kawazoe, Yasuyuki; and Hamada, Taizo, 4,504,228, Cl. 433-199.000.
- Nahas, Joseph J.: *See—*
  - Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., 4,539,552, Cl. 340-347.0DA.
- Nahum, Sylvain. Toothbrush. 4,545,087, 10-8-85, Cl. 15-22.00R.
- Naiff, Kenneth L., to General Instrument Corporation. Read only memory using series connected depletion transistors as bus lines. 4,494,218, 1-15-85, Cl. 365-104.000.
- Naiff, Kenneth L., to General Instrument Corporation. Compact ROM with reduced access time. 4,545,033, 10-1-85, Cl. 365-51.000.
- Naik, Appaya R., to Lever Brothers Company. Detergent compositions. 4,528,128, 7-9-85, Cl. 252-549.000.
- Naik, Appaya R.: *See—*
  - Edge, David J.; Naik, Appaya R.; and Scott, Melvin, 4,537,709, Cl. 252-558.000.
- Naik, Ishverlal K.; and Eguchi, Ronald G., to Northrop Corporation. Integrated optical waveguide fabrication by ion implantation. 4,521,443, 6-4-85, Cl. 427-38.000.
- Naiman, Michael I., to Petrolite Corporation. Antistats containing acrylonitrile copolymers and polyamines. 4,491,651, 1-1-85, Cl. 525-187.000.
- Naiman, Michael I.; and Schield, John A., to Petrolite Corporation. Ester-containing halopolyalkylenes. 4,536,191, 8-20-85, Cl. 44-62.000.
- Naiman, Michael I.; and Schield, John A., to Petrolite Corporation. Ester-containing halopolyalkylenes. 4,536,551, 8-20-85, Cl. 525-334.100.
- Naiman, Michael I., to Petrolite Corporation. Antistats containing acrylonitrile copolymers and polyamines. 4,537,601, 8-27-85, Cl. 44-62.000.
- Naiman, Michael I.; and Schield, John A., to Petrolite Corporation. Ester-containing halopolyalkylenes. 4,541,839, 9-17-85, Cl. 44-62.000.
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- Naimer, Hubert Laurenz: *See—*
  - Alsch, Gottfried, 4,503,412, Cl. 335-170.000.
- Naimpally, Saiprasad V.; and Tallant, James C., II, to RCA Corporation. Wideband kinescope driver amplifier. 4,494,146, 1-15-85, Cl. 358-184.000.
- Naimpally, Saiprasad V., to RCA Corporation. Demodulated chrominance signal filter using impedance mismatched sections. 4,536,788, 8-20-85, Cl. 358-38.000.
- Naimpally, Saiprasad V.: *See—*
  - Krull, Donald K.; and Naimpally, Saiprasad V., 4,516,153, Cl. 358-31.000.
  - Murphy, Wesley W., III; and Naimpally, Saiprasad V., 4,536,787, Cl. 358-38.000.
- Naipawer, Richard E.; and Chalk, Alan J., to Givaudan Corporation. Process for the rearrangement of epoxides. 4,517,386, 5-14-85, Cl. 568-483.000.
- Nair, Ravindra: *See—*
  - Hong, Se J.; and Nair, Ravindra, 4,539,549, Cl. 340-146.200.
- Nair, Xina; and Temple, Davis L., Jr., to Bristol-Myers Company. Topical nonsteroidal anti-inflammatory compositions and uses. 4,540,581, 9-10-85, Cl. 514-415.000.
- Naito, Akihiko, to Pioneer Electronic Corporation. Unauthorized observation preventing device for CATV system. 4,550,341, 10-29-85, Cl. 358-114.000.
- Naito, Hideki; Hara, Hiroshi; Aono, Toshiaki; and Sato, Kozo, to Fuji Photo Film Co., Ltd. Heat-developable color photographic material. 4,500,626, 2-19-85, Cl. 430-203.000.
- Naito, Hideki; and Yabuki, Yoshiharu, to Fuji Photo Film Co., Ltd. Heat developement of silver halide element with redox dye releaser and fog reducer. 4,500,627, 2-19-85, Cl. 430-203.000.
- Naito, Hideki; Hara, Hiroshi; Sato, Kozo; and Yabuki, Yoshiharu, to Fuji Photo Film Co., Ltd. Heat-developable color photographic material containing dye releasing couplers. 4,507,380, 3-26-85, Cl. 430-203.000.
- Naito, Hideki; and Sato, Kozo, to Fuji Photo Film Co., Ltd. Heat-developable light-sensitive materials with shifted dyes. 4,560,644, 12-24-85, Cl. 430-351.000.
- Naito, Hideki: *See—*
  - Aono, Toshiaki; Hara, Hiroshi; and Naito, Hideki, 4,500,624, Cl. 430-138.000.
  - Kitaguchi, Hiroshi; and Naito, Hideki, 4,528,258, Cl. 430-203.000.
  - Sakaguchi, Yukihiko; Sato, Kozo; Naito, Hideki; and Hara, Hiroshi, 4,555,470, Cl. 430-203.000.
  - Sato, Kozo; Fujita, Shinsaku; Nakamura, Koichi; and Naito, Hideki, 4,556,632, Cl. 430-562.000.
- Naito, Hidemune: *See—*
  - Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, 4,559,034, Cl. 604-52.000.
- Naito, Hideshi: *See—*
  - Omori, Sachio; Naito, Hideshi; Imanari, Hitoshi; and Muryoi, Takeshi, 4,558,927, Cl. 350-429.000.
- Naito, Hiroshi: *See—*
  - Miura, Masayoshi; and Naito, Hiroshi, 4,555,717, Cl. 346-140.00R.
  - Murakami, Mutsuaki; Hiromori, Yasutaka; and Naito, Hiroshi, 4,503,118, Cl. 428-323.000.
- Naito, Hiroyasu, to Honda Giken Kogyo Kabushiki Kaisha. Theft preventing device. 4,546,345, 10-8-85, Cl. 340-542.000.
- Naito, Kaoru: *See—*
  - Toyoda, Kenji; Naito, Kaoru; and Yamamura, Norio, 4,504,837, Cl. 346-1.100.
- Naito, Kazufumi, to Kabushiki Kaisha Ishida Koki Seisakusho. Span adjusting system of electronic weighing apparatus. 4,545,445, 10-8-85, Cl. 177-25.000.
- Naito, Kazuo: *See—*
  - Tanuma, Itsuo; Takeichi, Hideo; Fukuura, Yukio; Ohyachi, Tomio; and Naito, Kazuo, 4,511,627, Cl. 428-429.000.
- Naito, Kunio: *See—*
  - Kamo, Yuichi; Mikami, Nobuo; Wakamatsu, Kazutoshi; and Naito, Kunio, 4,499,442, Cl. 335-79.000.
- Naito, Masamitsu: *See—*
  - Kitamura, Hiroshi; Nishikawa, Kaoru; and Naito, Masamitsu, 4,558,543, Cl. 52-2.000.

Naito, Masayoshi: *See—*
  Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.
Naito, Michinori, to Trio Kabushiki Kaisha. Stereo MPX circuit. 4,550,423, 10-29-85, Cl. 381-13.000.
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Naito, Motohiro, to Jeol Ltd. Mass spectrometer. 4,521,687, 6-4-85, Cl. 250-296.000.
Naito, Ryuichi; and Hirano, Hiroyuki, to Pioneer Electronic Corporation. Pick-up point dislocation detecting device in recording a disc player. 4,493,068, 1-8-85, Cl. 369-44.000.
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  Takaoka, Saburo; Naito, Ryuichi; Yokogawa, Fumihiko; and Ogawa, Youichi, 4,540,897, Cl. 307-268.000.
  Tanaka, Megumi; and Naito, Ryuichi, 4,544,837, Cl. 250-201.000.
  Yamaguchi, Tadahiro; and Naito, Ryuichi, 4,535,306, Cl. 331-23.000.
Naito, Shiro: *See—*
  Yamanaga, Junichi; and Naito, Shiro, 4,506,441, Cl. 29-787.000.
  Yamanaga, Junichi; and Naito, Shiro, 4,542,576, Cl. 29-568.000.
Naito, Shotaro: *See—*
  Noto, Yasuo; Naito, Shotaro; and Ohmae, Tsutomu, 4,500,820, Cl. 318-139.000.
  Tokuyama, Keiichi; Naito, Shotaro; and Watanabe, Shizuhisa, 4,553,196, Cl. 363-21.000.
Naito, Takayuki: *See—*
  Aburaki, Shimpei; Kamachi, Hajime; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,525,473, Cl. 514-202.000.
  Hoshi, Hideaki; Okumura, Jun; Naito, Takayuki; Abe, Yoshio; and Aburaki, Shimpei, 4,520,022, Cl. 514-200.000.
  Imae, Kiyoto; Aburaki, Shimpei; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,500,526, Cl. 514-226.000.
  Kamachi, Hajime; Okumura, Jun; Naito, Takayuki; Oka, Masahisa; and Yamashita, Haruhiro, 4,507,487, Cl. 548-194.000.
Naito, Takemi: *See—*
  Nagai, Teruhisa; and Naito, Takemi, 4,494,288, Cl. 29-157.30A.
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  Ueno, Masato; Sato, Masayoshi; Tasaka, Mitsuyuki; and Naito, Tatsuro, 4,556,389, Cl. 433-206.000.
Naito, Tsutomu: *See—*
  Izumi, Takayuki; Naito, Tsutomu; and Igarashi, Seiko, 4,533,461, Cl. 208-44.000.
  Izumi, Takayuki; Naito, Tsutomu; and Nakamura, Tomoo, 4,534,850, Cl. 208-22.000.
Naito, Yasuyuki: *See—*
  Mandai, Harufumi; Iwai, Kiyoshi; and Naito, Yasuyuki, 4,533,931, Cl. 357-10.000.
Naito, Youichiro: *See—*
  Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.
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Naito, Yukio: *See—*
  Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, 4,514,512, Cl. 502-107.000.
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  Matsuoka, Shigeki; and Naitoh, Yoshihiro, 4,534,801, Cl. 134-15.000.
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  Klein, Wilfried; Klink, Erich; Najmann, Knut; and Wernicke, Friedrich, 4,542,309, Cl. 307-513.000.
Naka, Hideo: *See—*
  Kobashi, Toshiyuki; and Naka, Hideo, 4,533,538, Cl. 423-617.000.
  Kobashi, Toshiyuki; and Naka, Hideo, 4,546,146, Cl. 524-831.000.
Naka, Hirouki: *See—*
  Imanishi, Kiyokazu; Ichiyanagi, Takashi; Sakurai, Yasuo; Naka, Hirouki; and Nakagawa, Koji, 4,525,757, Cl. 360-130.240.
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  Suemitsu, Yukimasa; Nakajima, Kazutsugu; Naka, Ryoichi; and Goshi, Hiroo, 4,548,685, Cl. 204-146.000.
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  Hirano, Shin-ichi; and Naka, Shigeharu, 4,545,968, Cl. 423-290.000.
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  Seki, Yasutomo; Akiyama, Toshio; Nakabayashi, Norio; and Iizuka, Yutaka, 4,519,686, Cl. 354-200.000.
Nakabayashi, Takao: *See—*
  Shigenobu, Hiromichi; Nakabayashi, Takao; Akiyama, Kitio; Miida, Masao; and Karasawa, Hisashi, 4,506,596, Cl. 99-289.00T.
Nakabayashi, Teiji: *See—*
  Fujimoto, Yuji; Aono, Masayuki; Nakano, Tetuo; and Nakabayashi, Teiji, 4,542,783, Cl. 165-30.000.
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  Nakabo, Seiji, 4,543,749, Cl. 51-33.00W.
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  Ogura, Ken; and Nakaboh, Hiroshi, 4,528,216, Cl. 427-387.000.
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  Nukii, Takashi; Nakabu, Shigeo; Iwasaki, Masaru; and Awane, Katunobu, 4,514,042, Cl. 350-331.00R.
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  Kurata, Yoshiharu, 4,556,000, Cl. 112-222.000.
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  Oya, Akiyoshi; Nakada, Akira; and Suzuki, Tutomu, 4,492,142, Cl. 84-1.030.
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  Inoue, Toshitsugu; Nakada, Akiyoshi; Kaji, Haruo; Doi, Makoto; and Takezawa, Kuninori, 4,522,555, Cl. 414-733.000.
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  Nakayashiki, Susumu; Nakada, Isao; Kida, Masahiko; Hashimoto, Toyokazu; and Yagyu, Kazuo, 4,495,595, Cl. 364-900.000.
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- Nakagami, Akihiro: *See—*
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- Nakagami, Tatsuro: *See—*
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  - Endo, Norio; Danno, Yoshiaki; Nakagami, Tatsuro; and Murakami, Nobuaki, 4,494,502, Cl. 123-198.00F.
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  - Omura, Satoshi; Tanaka, Yoshitake; Iwai, Yuzuru; Takahashi, Yoko; and Nakagawa, Akira, 4,493,845, Cl. 424-279.000.
  - Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, 4,533,547, Cl. 424-122.000.
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- Nakagawa, Hideaki: *See—*
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- Nakagawa, Hiroshi: *See—*
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- Nakagawa, Hisao: *See—*
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- Nakagawa, Junji: *See—*
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  - Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, 4,493,530, Cl. 350-96.340.
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- Nakagawa, Katsumi: *See—*
  - Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,507,375, Cl. 430-128.000.
  - Hirai, Yutaka; Komatsu, Toshiyuki; Nakagawa, Katsumi; Misumi, Teruo; and Fukuda, Tadaji, 4,552,824, Cl. 430-64.000.
  - Nakane, Takeshi; and Nakagawa, Katsumi, 4,500,864, Cl. 338-4.000.
- Nakagawa, Katsuyuki. Handy torch. 4,538,984, 9-3-85, Cl. 431-255.000.
- Nakagawa, Kazuyuki: *See—*
  - Ishikawa, Hiroshi; Tabasa, Fujio; and Nakagawa, Kazuyuki, 4,544,747, Cl 546-156.000.
  - Ishikawa, Hiroshi; Uno, Testuyuki; Kano, Masanobu; and Nakagawa, Kazuyuki, 4,552,879, Cl. 514-253.000.
  - Tominaga, Michiaki; Yang, Yung-hsiung; Ogawa, Hidenori; and Nakagawa, Kazuyuki, 4,514,401, Cl. 514-253.000.
  - Uchida, Minoru; Nishi, Takao; and Nakagawa, Kazuyuki, 4,540,703, Cl. 514-381.000.
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- Nakagawa, Kiyoshi: *See—*
  - Matsumoto, Tadayuki; Imaeda, Kozo; Mineo, Masatoshi; and Nakagawa, Kiyoshi, 4,557,026, Cl. 28-258.000.
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- Nakagawa, Koichiro: *See—*
  - Suyama, Satoshi; Uehira, Kiyotaka; Sanpei, Kenji; Sakamoto, Kenichi; and Nakagawa, Koichiro, 4,539,613, Cl. 360-99.000.
- Nakagawa, Koji: *See—*
  - Imanishi, Kiyokazu; Ichiyanagi, Takashi; Sakurai, Yasuo; Naka, Hirouki; and Nakagawa, Koji, 4,525,757, Cl. 360-130.240.
- Nakagawa, Masao; Mori, Kiyoshi; and Sugita, Toshiaki, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process for preparing copolymer. 4,560,735, 12-24-85, Cl. 526-232.300.
- Nakagawa, Masao: *See—*
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- Nakagawa, Mikio, to Mitsui Petrochemical Industries, Ltd. Acetal resin composition. 4,556,690, 12-3-85, Cl. 525-64.000.
- Nakagawa, Mitsuru: *See—*
  - Kawai, Kyosuke; Nakagawa, Mitsuru; Yanase, Shinji; and Kawai, Kiyoshi, 4,525,190, Cl. 65-14.000.
- Nakagawa, Nobuaki: *See—*
  - Ohyama, Kunio; Nakagawa, Nobuaki; and Watanabe, Sasumu, 4,495,151, Cl. 422-102.000.
- Nakagawa, Norihisa, to Toyota Jidosha Kabushiki Kaisha. Air introduction system of a fuel injection type engine. 4,517,941, 5-21-85, Cl. 123-336.000.
- Nakagawa, Osamu: *See—*
  - Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, 4,528,184, Cl. 424-79.000.
- Nakagawa, Satoshi: *See—*
  - Iijima, Toshifumi; Nakagawa, Satoshi; and Menjo, Hiroshi, 4,543,323, Cl. 430-503.000.
- Nakagawa, Seiichi; and Norioka, Setsuo, to Jeol Ltd. Electron beam scanning device. 4,547,669, 10-15-85, Cl. 250-310.000.
- Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, to Daikin Kogyo Co., Ltd. Process for preparing tetrafluoroethylene/fluoro(alkyl vinyl ether) copolymer. 4,499,249, 2-12-85, Cl. 526-206.000.
- Nakagawa, Shinichi; Ihara, Kiyohiko; and Sogabe, Toshio, to Daikin Kogyo Co., Ltd. Ethylene/tetrafluoroethylene or chlorotrifluoroethylene copolymer. 4,513,129, 4-23-85, Cl. 526-249.000.
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- Nakagawa, Shiro: *See—*
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- Nakagawa, Shoji, to Kao Corporation. Tricyclic carboxylate ester and insecticide containing the same. 4,529,599, 7-16-85, Cl. 514-511.000.
- Nakagawa, Shuta: *See—*
  - Okazaki, Toshimasa; and Nakagawa, Shuta, 4,560,461, Cl. 204-252.000.
- Nakagawa, Tadasu: *See—*
  - Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.
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- Nakagawa, Takao: *See—*
  - Gomi, Shimpei; Takeuchi, Tomomitsu; Matsuo, Itaru; Tsutsui, Toshio; Nakagawa, Takao; and Miwa, Shigeru, 4,522,627, Cl. 44-1.00R.
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- Nakagawa, Takayuki, to Fujitsu Limited. Method for producing negative resist images. 4,508,813, 4-2-85, Cl. 430-296.000.
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  - Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, 4,510,008, Cl. 156-245.000.
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- Nakagawa, Takeo: *See—*
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- Nakagawa, Takeshi: *See—*
  - Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, 4,510,168, Cl. 427-3.000.
  - Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, 4,532,881, Cl. 118-20.000.
- Nakagawa, Takuji: *See—*
  - Senda, Atsuo; Kasanami, Tohru; and Nakagawa, Takuji, 4,508,756, Cl. 427-81.000.
- Nakagawa, Tatsushi: *See—*
  - Narui, Mamoru; Nakagawa, Tatsushi; and Sakanaka, Yasuhiro, 4,544,709, Cl. 525-344.000.
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  - Kubota, Satoshi; Nakashima, Mikito; Mogami, Takao; and Nakagawa, Tetsuo, 4,525,421, Cl. 428-412.000.
- Nakagawa, Toru: *See—*
  - Osawa, Tadao; Nakagawa, Toru; Okumura, Masamitsu; Kohno, Takashige; and Sakuma, Tokihiko, 4,532,904, Cl. 123-439.000.
- Nakagawa, Toshiaki, to Yoshida Kogyo K.K. Apparatus for holding a slide fastener slider. 4,520,560, 6-4-85, Cl. 29-708.000.

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- Sainen, Tsutomu; Fujita, Yoshitaka; Sakano, Toshiyuki; and Nakagawa, Toshio, 4,529,012, Cl. 139-105.000.

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Nakagawa, Toyoaki, to Nissan Motor Company, Limited. Fuel injection quantity sensing apparatus for an internal combustion engine. 4,503,820, 3-12-85, Cl. 123-357.000.

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Nakagawa, Tsuneo: *See—*
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- Hamai, Kyugo; Nakagawa, Yasuhiko; Nakai, Meroji; and Inoue, Ryusaburo, 4,497,306, Cl. 123-620.000.
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- Akiyama, Nobuyuki; Kembo, Yukio; and Nakagawa, Yasuo, 4,491,787, Cl. 324-71.500.
- Kohno, Michinaga; Sugimoto, Koichi; and Nakagawa, Yasuo, 4,527,326, Cl. 29-705.000.

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- Matsushima, Kohji; Nakagawa, Yasutsugu; and Yagi, Michio, 4,497,563, Cl. 354-429.000.

Nakagawa, Yasuyuki, to Asahi Kakoshi Co., Ltd. Dust-proof reinforcing sheet material to be applied over handling opening formed on wall of box. 4,545,839, 10-8-85, Cl. 156-244.110.

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Nakagawa, Yohichi: *See—*
- Takehara, Hidetoshi; Shioji, Shorbu; and Nakagawa, Yohichi, 4,500,693, Cl. 526-240.000.

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- Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

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Nakagawa, Yoshitaka: *See—*
- Irie, Taisuke; Nakagawa, Yoshitaka; Tatano, Masayoshi; Watanabe, Koichi; and Watanabe, Eiji, 4,508,600, Cl. 204-27.000.

Nakagawa, Yukio, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,516,643, 5-14-85, Cl. 177-1.000.

Nakagawa, Yutaka: *See—*
- Takahashi, Osamu; Yamamura, Nobuo; Mukunoki, Yasuo; Ogawa, Shungi; and Nakagawa, Yutaka, 4,500,362, Cl. 106-309.000.

Nakagiri, Fumiki: *See—*
- Okabe, Nobuya; and Nakagiri, Fumiki, 4,561,824, Cl. 414-697.000.

Nakagiri, Tadahiko, to Citizen Watch Co., Ltd. Liquid crystal matrix display device. 4,513,282, 4-23-85, Cl. 340-765.000.

Nakagiri, Tadahiko: *See—*
- Osaka, Takatoshi; Nishimura, Katsuo; and Nakagiri, Tadahiko, 4,517,953, Cl. 124-17.000.

Nakagome, Hideki; and Yasuda, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic refrigerator. 4,509,334, 4-9-85, Cl. 62-6.000.

Nakagome, Hideki; and Yasuda, Satoshi, to Kabushiki Kaisha Toshiba. Magnetic refrigerating apparatus. 4,554,790, 11-26-85, Cl. 62-3.000.

Nakagome, Makoto: *See—*
- Inoue, Setsuro; Nikaido, Koichi; and Nakagome, Makoto, 4,510,192, Cl. 428-151.000.

Nakagomi, Koji; Aoki, Tetsuo; and Nakajima, Takayuki, to Takeda Riken Co., Ltd. Glitch detecting and measuring apparatus. 4,495,621, 1-22-85, Cl. 371-6.000.

Nakaguchi, Osamu: *See—*
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,497,729, Cl. 260-112.50R.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Nakahama, Ryoji, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Tilt locking system for ship propellers. 4,521,202, 6-4-85, Cl. 440-61.000.

Nakahama, Ryoji, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Shifting apparatus for a propelling unit for a vessel. 4,527,441, 7-9-85, Cl. 74-378.000.

Nakahama, Ryoji; and Handa, Kenichi, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Tilt locking system for boat propellers. 4,545,769, 10-8-85, Cl. 440-61.000.

Nakahama, Ryoji, to Sanshin Kogyo Kabushiki Kaisha. Tilt mechanism for marine propulsion device. 4,557,696, 12-10-85, Cl. 440-61.000.

Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Outboard motor. 4,559,018, 12-17-85, Cl. 440-77.000.

Nakahama, Ryoji: *See—*
- Iwashita, Takashi; Atsumi, Shinya; and Nakahama, Ryoji, 4,551,104, Cl. 440-56.000.

Nakahara, Akihiro: *See—*
- Tominaga, Ichiro; and Nakahara, Akihiro, 4,556,220, Cl. 273-218.000.
- Tominaga, Ichiro; and Nakahara, Akihiro, 4,561,657, Cl. 273-218.000.

Nakahara, Chizuko; Tanaka, Shigenori; Tamura, Hiroshi; and Matsumoto, Akiyoshi, to Seikagaku Kogyo Co., Ltd. Method for determining bacterial endotoxin and kit therefor. 4,495,294, 1-22-85, Cl. 436-502.000.

Nakahara, James H.: *See—*
- Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,557,869, Cl. 260-349.000.
- Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,559,175, Cl. 260-349.000.

Nakahara, Kichio; Matsui, Hiroshi; and Yoshiyama, Harumichi, to NGK Spark Plug Co., Ltd. Two-cycle engine. 4,532,896, 8-6-85, Cl. 123-193.00H.

Nakahara, Mitsuharu; Ishida, Tomio; Honjo, Norifumi; and Yoshida, Yoshitaka, to Daihatsu Motor Company Limited. Variable compression system for internal combustion engines. 4,516,537, 5-14-85, Cl. 123-48.0AA.

Nakahara, Motohiro: *See—*
- Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, 4,545,801, Cl. 65-157.000.

Nakahara, Takeshi: *See—*
- Kusumoto, Koshi; Kawaguchi, Toshio; Nakahara, Takeshi; and Kunimoto, Shinichiro, 4,535,102, Cl. 523-116.000.
- Nakashima, Kazuhide; Saito, Takayuki; Nakahara, Takeshi; and Tanaka, Shigeo, 4,492,789, Cl. 525-531.000.

Nakahara, Teiji; and Morihashi, Toshifumi, to Murata Kikai Kabushiki Kaisha. Method for producing spun yarns. 4,497,167, 2-5-85, Cl. 57-328.000.

Nakahara, Teiji; Sakai, Shoji; Noda, Koshi; Fujiwara, Michiaki; and Kubota, Nobunori, to Murata Kikai Kabushiki Kaisha. Spinning machine with a doffing apparatus. 4,535,944, 8-20-85, Cl. 242-35.50A.

Nakahara, Toshiaki: *See—*
- Ushiyama, Hisayuki; Ohsaki, Ichiro; Takenouchi, Masanori; and Nakahara, Toshiaki, 4,497,885, Cl. 430-106.600.

Nakahara, Tsuguji: *See—*
- Shimizu, Kimihiro; Nakahara, Tsuguji; and Kinoshita, Taketoshi, 4,495,285, Cl. 435-215.000.

Nakahara, Yutaka; and Kimura, Ryoji, to Adeka Argus Chemical Co., Ltd. Diallyl-1,3,5-triazino-4-(2,2,6,6-tetramethyl piperidyl) amines as monomers and polymers and stabilized synthetic resin compositions. 4,540,728, 9-10-85, Cl. 524-100.000.

Nakahara, Yutaka: *See—*
- Leistner, William E.; Minagawa, Motonobu; Nakahara, Yutaka; Haruna, Tohru; and Nishimura, Atsushi, 4,529,760, Cl. 524-102.000.
- Minagawa, Motonobu; Nakahara, Yutaka; Shibata, Toshihiro; and Tobita, Etsuo, 4,491,643, Cl. 524-96.000.

Nakahashi, Ken-ichi; and Mihara, Shin-ichi, to Olympus Optical Co., Ltd. In-focus detector for a binocular stereomicroscope. 4,516,840, 5-14-85, Cl. 350-515.000.

Nakahashi, Ken-ichi: *See—*
- Iba, Youich; Nakahashi, Ken-ichi; and Matsubara, Masaki, 4,509,838, Cl. 354-62.000.
- Mihara, Shin-ichi; Imai, Toshihiro; Nakahashi, Ken-ichi; Iba, Youichi; Imaizumi, Masaki; and Taira, Akio, 4,562,344, Cl. 250-201.000.

Nakahashi, Kenichi, to Olympus Optical Co., Ltd. Objective lens system for endoscopes. 4,493,537, 1-15-85, Cl. 350-469.000.

Nakahata, Kimio: *See—*
- Kan, Fumitaka; and Nakahata, Kimio, 4,557,582, Cl. 355-3.0DD.
- Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, 4,559,899, Cl. 118-657.000.

Nakahata, Kozo; Kawaguchi, Ikuo; and Yamaguchi, Kazuo, to Hitachi, Ltd. Bit pattern generator. 4,528,634, 7-9-85, Cl. 364-491.000.

Nakahira, Akitaro, to Hohyu Rubber Co., Ltd. Cushion tire. 4,530,386, 7-23-85, Cl. 152-315.000.

Nakahira, Hiroshi; and Kubo, Shigeki, to Sumitomo Metal Mining Company Limited. Process for producing antimony trioxide having a low alpha-ray strength. 4,532,112, 7-30-85, Cl. 423-87.000.
Nakahori, Ichiro; Nakayama, Shigeki; Maeda, Mitsuo; Yamauchi, Shiro; and Ozawa, Junichiro, to Mitsubishi Denki Kabushiki Kaisha. Sampling system for water quality sensors. 4,517,849, 5-21-85, Cl. 73-863.310.
Nakai, Fumio: *See—*
  Okubo, Masao; Yoshimitsu, Yasuro; Nakai, Fumio; and Garretson, Oliver R., 4,518,914, Cl. 324-158.00F.
Nakai, Hideki: *See—*
  Yoshinari, Osamu; Sugiyama, Makoto; and Nakai, Hideki, 4,543,241, Cl. 423-447.700.
Nakai, Ikuo: *See—*
  Hayashi, Hideo; Takamatsu, Iwao; and Nakai, Ikuo, 4,491,705, Cl. 200-147.00R.
Nakai, Ken: *See—*
  Iwahashi, Shoji; and Nakai, Ken, 4,532,919, Cl. 128-54.000.
Nakai, Kenji, to Aisan Kogyo Kabushiki Kaisha. Electromagnetic fuel injector. 4,509,693, 4-9-85, Cl. 239-585.000.
Nakai, Kohzo: *See—*
  Kasama, Masatoshi; and Nakai, Kohzo, 4,527,292, Cl. 2-452.000.
Nakai, Mamoru; Ohshima, Tokio; Kimura, Tomio; Omata, Tetsuo; and Iwamoto, Noritada, to UBE Industries, Ltd. Process for preparing optically active tryptophans. 4,497,957, 2-5-85, Cl. 548-496.000.
Nakai, Mamoru; Iwata, Fumio; and Inoue, Teruhiko, to UBE Industries, Ltd. Process for the preparation of urea derivatives. 4,514,571, 4-30-85, Cl. 546-306.000.
Nakai, Mamoru: *See—*
  Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.
  Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.
Nakai, Masaaki; Sahara, Masayoshi; Hosomizu, Hiroshi; and Ishida, Tokuji, to Minolta Camera Kabushiki Kaisha. Exposure control device for cameras. 4,496,230, 1-29-85, Cl. 354-416.000.
Nakai, Masaaki; Kogure, Yasuzi, Sahara, Masayoshi; and Kobori, Toshio, to Minolta Camera Kabushiki Kaisha. Power source switch for cameras. 4,504,133, 3-12-85, Cl. 354-266.000.
Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, to Minolta Camera Kabushiki Kaisha. Camera system. 4,509,846, 4-9-85, Cl. 354-442.000.
Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, to Minolta Camera Kabushiki Kaisha. Camera system with interchangeable objective lens. 4,529,288, 7-16-85, Cl. 354-442.000.
Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, to Minolta Camera Kabushiki Kaisha. Camera accessory with data producer. 4,540,262, 9-10-85, Cl. 354-195.130.
Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, to Minolta Camera Kabushiki Kaisha. Camera system operable by carrying data from a camera accessory to a camera body. 4,560,267, 12-24-85, Cl. 354-412.000.
Nakai, Masaaki: *See—*
  Kobori, Toshio; Taniguchi, Nobuyuki; Omaki, Takanobu; and Nakai, Masaaki, 4,529,290, Cl. 354-442.000.
  Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.
  Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.
  Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.
  Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.
  Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.
Nakai, Masayuki, to Idemitsu Kosan Company Limited. Process for improving low quality coal. 4,508,539, 4-2-85, Cl. 44-10.00D.
Nakai, Meroji: *See—*
  Hamai, Kyugo; Nakagawa, Yasuhiko; Nakai, Meroji; and Inoue, Ryusaburo, 4,497,306, Cl. 123-620.000.
  Hamai, Kyugo; Nakai, Meroji; Inoue, Ryusaburo; and Nakagawa, Yasuhiko, 4,502,454, Cl. 123-597.000.
Nakai, Nobuo: *See—*
  Fujii, Teruo; Fukushima, Hiroshi; and Nakai, Nobuo, 4,540,856, Cl. 179-89.000.
Nakai, Ryozo; Inoue, Shigeo; and Arai, Sumio, to Kao Corporation. Wood preservative composition. 4,510,074, 4-9-85, Cl. 252-400.00R.
Nakai, Ryusuke, to Sumitomo Electric Industries, Ltd. Method for controlling vertically arranged heaters in a crystal pulling device. 4,556,784, 12-3-85, Cl. 219-425.000.
Nakai, Tetsuo; and Yazu, Shuji, to Sumitomo Electric Industries, Ltd. Diamond for a tool and a process for the production of the same. 4,505,746, 3-19-85, Cl. 75-243.000.
Nakai, Toshihiko, to Citizen Watch Co., Ltd. Dot printer control system. 4,553,867, 11-19-85, Cl. 400-323.000.
Nakai, Yasuo: *See—*
  Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,526,121, Cl. 114-73.000.
  Shudo, Yasunobu; Kano, Masayoshi; Murahashi, Tatsuya; Nakai, Yasuo; and Hosogaya, Kazuyoshi, 4,559,888, Cl. 114-74.00R.
Nakai, Yoshiharu: *See—*
  Kamiya, Takashi; Tanaka, Kunihiko; Teraji, Tsutomu; and Nakai, Yoshiharu, 4,506,076, Cl. 548-119.000.
  Kamiya, Takashi; Tanaka, Kunihiko; Nakai, Yoshiharu; and Sakane, Kazuo, 4,560,765, Cl. 548-194.000.
Nakai, Yoshio: *See—*
  Kamata, Kazumasa; Nakai, Yoshio; and Shimomura, Yasunori, 4,558,098, Cl. 525-207.000.
Nakajima, Akihiro: *See—*
  Ban, Itsuki; and Nakajima, Akihiro, 4,546,294, Cl. 318-311.000.
  Shiraki, Manabu; Nakajima, Akihiro; and Miyazawa, Takashi, 4,499,420, Cl. 324-174.000.
Nakajima, Akira: *See—*
  Kurosu, Masaaki; Nakayama, Takeshi; Nakajima, Akira; and Ohshima, Yoshimitsu, 4,543,631, Cl. 364-200.000.
  Nakayama, Takeshi; Kurosu, Masaaki; Ohshima, Yoshimitsu; Fujikata, Kenji; Uchida, Shigeru; and Nakajima, Akira, 4,531,119, Cl. 340-712.000.
  Takamura, Yoshio; and Nakajima, Akira, 4,561,048, Cl. 363-60.000.
Nakajima Dokosho Company Limited: *See—*
  Nakajima, Masahiko, 4,500,027, Cl. 228-54.000.
  Nakajima, Masahiko, 4,552,124, Cl. 126-413.000.
Nakajima, Fumio: *See—*
  Nikaido, Akira; Machida, Takayasu; Hirosawa, Yasuhisa; and Nakajima, Fumio, 4,558,244, Cl. 310-49.00R.
Nakajima, Fusao: *See—*
  Ozone, Takashi; Hayakawa, Shohei; Nakajima, Fusao; Yamada, Keiichi; and Araki, Kazuo, 4,527,356, Cl. 51-101.00R.
Nakajima, Hideki, to Shimano Industrial Company Limited. Brake for a fishing reel. 4,544,111, 10-1-85, Cl. 242-84.52B.
Nakajima, Hideki, to Shimano Industrial Company Limited. Brake for a fishing reel. 4,561,605, 12-31-85, Cl. 242-84.52B.
Nakajima, Hideki: *See—*
  Sato, Jun; and Nakajima, Hideki, 4,522,354, Cl. 242-219.000.
Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; Furujho, Sakae; Okane, Kohji; and Anezaki, Shoji, to Sumitomo Metal Industries, Ltd. Process for production of low phosphorus alloy. 4,522,650, 6-11-85, Cl. 75-48.000.
Nakajima, Hidemasa: *See—*
  Okane, Kohji; Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; and Manago, Takashi, 4,541,617, Cl. 266-65.000.
Nakajima, Hideo: *See—*
  Ogasawara, Shingo; and Nakajima, Hideo, 4,523,547, Cl. 119-52.00B.
Nakajima, Hiroharu: *See—*
  Ueda, Hiroyuki; Yamada, Yasuaki; Ozawa, Toshiaki; Nakajima, Hiroharu; and Kondo, Hiroatsu, 4,558,965, Cl. 400-144.200.
Nakajima, Hirohito; Haji, Katsumi; Shibata, Yoji; and Kosuge, Wataru, to Hitachi, Ltd.; and Nippon Telegraph & Telephone Public Corporation. Buffer memory dispersion type video/audio transmission system. 4,538,176, 8-27-85, Cl. 358-86.000.
Nakajima, Hiromichi: *See—*
  Oh-ishi, Tokuro; Takeda, Mikio; Nakajima, Hiromichi; and Nagao, Taku, 4,521,430, Cl. 514-211.000.
Nakajima, Hiroshi: *See—*
  Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
Nakajima, Hisao: *See—*
  Inui, Toshiharu; Kurata, Masami; Nakajima, Hisao; and Ohmori, Takashi, 4,499,476, Cl. 346-76.0PH.
Nakajima, Isao: *See—*
  Takahashi, Kazue; Okuna, Kenzi; Nakajima, Isao; Harada, Mineo; and Kako, Yutaka, 4,511,269, Cl. 400-124.000.
Nakajima, Joe: *See—*
  Kawashimo, Norishige; and Nakajima, Joe, 4,539,641, Cl. 364-424.000.
Nakajima, Jun; Araya, Takeshi; Aso, Tadashi; Kawamata, Kiyoshi; and Sugimoto, Kinji, to Hitachi Seiko Ltd. Control apparatus for an arc welder. 4,527,045, 7-2-85, Cl. 219-130.310.
Nakajima, Junya; Itoh, Isamu; Yamamuro, Kiyohiko; and Ogawa, Eiiti, to Fuji Photo Film Co., Ltd. Method for processing color photographic materials. 4,506,007, 3-19-85, Cl. 430-393.000.
Nakajima, Junya; Imai, Kiyoshi; and Nakamura, Takashi, to Fuji Photo Film Co., Ltd. Method of treatment of color photographic materials. 4,525,449, 6-25-85, Cl. 430-407.000.
Nakajima, Junya: *See—*
  Ishikawa, Takatoshi; and Nakajima, Junya, 4,543,322, Cl. 430-380.000.
Nakajima, Kaoru; and Miyai, Seiichi, to Sony Corporation. Magnetic recording medium. 4,520,079, 5-28-85, Cl. 428-694.000.
Nakajima, Kaoru, to Sony Corporation. Magnetic recording medium. 4,556,611, 12-3-85, Cl. 428-694.000.
Nakajima, Kaoru: *See—*
  Miyai, Seiichi; Nakajima, Kaoru; and Somezawa, Masashi, 4,503,198, Cl. 525-440.000.
Nakajima, Kazutsugu: *See—*
  Suemitsu, Yukimasa; Nakajima, Kazutsugu; Naka, Ryoichi; and Goshi, Hiroo, 4,548,685, Cl. 204-146.000.
Nakajima, Kenji: *See—*
  Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.

Nakajima, Kichio; Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; and Honma, Kazuo, to Hitachi Construction Machinery Co., Ltd. Hydraulic drive system for single rod cylinder. 4,520,626, 6-4-85, Cl. 60-468.000.

Nakajima, Kichio: *See—*
Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,510,750, Cl. 60-443.000.
Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,528,813, Cl. 60-389.000.
Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,531,369, Cl. 60-456.000.
Watanabe, Hiroshi; Izumi, Eiki; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,561,249, Cl. 60-421.000.

Nakajima, Kihei: *See—*
Uchino, Hiroshi; Nakajima, Kihei; and Kurosawa, Ryoichi, 4,517,636, Cl. 363-138.000.

Nakajima, Koe: *See—*
Aoyagi, Koshiro; Noguchi, Yukio; Nakajima, Koe; and Ataka, Matsuo, 4,528,834, Cl. 72-202.000.

Nakajima, Koichi: *See—*
Ueno, Haruo; Ashitaka, Hidetomo; and Nakajima, Koichi, 4,501,867, Cl. 526-136.000.
Ueno, Haruo; Ashitaka, Hidetomo; and Nakajima, Koichi, 4,503,202, Cl. 526-140.000.

Nakajima, Koji: *See—*
Yabumoto, Toshio; Sakaoka, Hiromu; and Nakajima, Koji, 4,548,173, Cl. 123-308.000.

Nakajima, Kouichi: *See—*
Ueno, Haruo; Ashitaka, Hidetomo; Jinda, Kazuya; and Nakajima, Kouichi, 4,504,639, Cl. 526-146.000.

Nakajima, Kunio: *See—*
Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, 4,495,149, Cl. 422-65.000.
Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, 4,557,154, Cl. 74-89.210.

Nakajima, Masahiko, to Nakajima Dokosho Company Limited. Method of manufacturing soldering tips. 4,500,027, 2-19-85, Cl. 228-54.000.

Nakajima, Masahiko, to Nakajima Dokosho Company Limited. Heat processing apparatus. 4,552,124, 11-12-85, Cl. 126-413.000.

Nakajima, Masahiro; and Hashimoto, Hiromi, to Nippon Electric Co., Ltd. Digital signal communication system for multi-level modulation including unique encoder and decoder. 4,523,323, 6-11-85, Cl. 375-37.000.

Nakajima, Masao: *See—*
Kanegae, Hidetoshi; Asano, Masaharu; Yasuhara, Seishi; and Nakajima, Masao, 4,491,112, Cl. 123-479.000.
Nakagawa, Toyoaki; Nakajima, Masao; Kawamura, Yoshihisa; and Kanesaki, Nobukazu, 4,501,140, Cl. 73-119.00A.

Nakajima, Masataka; and Mase, Yasushi, to Nissan Motor Company, Limited. Electronic control system for carburetor and control method therefor. 4,497,296, 2-5-85, Cl. 123-440.000.

Nakajima, Masayoshi: *See—*
Mashimo, Satoshi; Kakiuchi, Hazime; and Nakajima, Masayoshi, 4,518,376, Cl. 474-261.000.

Nakajima, Mikio: *See—*
Kanda, Mutsumi; Nakanishi, Kiyoshi; Inoue, Tokuta; and Nakajima, Mikio, 4,499,868, Cl. 123-188.00M.
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Nakajima, Shigeo, 4,559,756, Cl. 53-75.000.

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Nakaso, Akishi; Okamura, Toshiro; Yamanoi, Kiyoshi; and Nakajima, Sumiko, 4,557,762, Cl. 106-1.230.

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Nakajima, Tadanobu: *See—*
Kajita, Hiroshi; Nakajima, Tadanobu; and Iseki, Masahide, 4,502,779, Cl. 355-15.000.
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Nishihama, Hitoshi; Gotoda, Katsuhiko; Motomura, Minoru; Nakajima, Tadanobu, and Aizawa, Tatsuo, 4,533,618, Cl. 430-126.000.

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Nakagomi, Koji; Aoki, Tetsuo; and Nakajima, Takayuki, 4,495,621, Cl. 371-6.000.

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Yamamoto, Yoshiharu; Nakajima, Yasuo; and Nagaoka, Yoshitomi, 4,548,480, Cl. 350-432.000.

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Yokomori, Shinji; and Nakajima, Yoshihisa, 4,513,762, Cl. 133-3.00R.

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- Nakajima, Yoshikazu: *See—*
  - Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu. 4,556,429. Cl. 127-30.000.
- Nakajima, Yosuke: *See—*
  - Hirose, Masataka; Kawajiri, Kazuhiro; and Nakajima, Yosuke. 4,523,214. Cl. 357-30.000.
- Nakajima, Yukio, to Olympus Optical Co., Ltd. Focus detector with characteristic point detection. 4,532,420. 7-30-85. Cl. 250-201.000.
- Nakajima, Yukio, to Olympus Optical Co., Ltd. Automatic focus controlling camera. 4,542,972. 9-24-85. Cl. 354-402.000.
- Nakajima, Yukio, to Olympus Optical Co., Ltd. Automatic focussing apparatus. 4,557,579. 12-10-85. Cl. 354-402.000.
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- Nakajima, Yuko: *See—*
  - Miyamura, Masataka; Sakamoto, Masanori; and Nakajima, Yuko. 4,537,826. Cl. 428-328.000.
- Nakaju, Isamu: *See—*
  - Muramatsu, Kazuhiro; Watari, Yuuzi; Tajima, Masaru; and Nakaju, Isamu. 4,552,754. Cl. 424-70.000.
- Nakakita, Eiji: *See—*
  - Nagano, Teruo; Nakakita, Eiji; and Sekiya, Toshiyuki. 4,557,994. Cl. 430-162.000.
- Nakako, Yukio: *See—*
  - Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo. 4,541,914. Cl. 208-10.000.
- Nakakoji, Hisatada: *See—*
  - Mochizuki, Kazuo; Nakakoji, Hisatada; Ichida, Toshio; Ine, Toshio; Ogata, Hajime; and Yamaji, Kyoko. 4,561,943. Cl. 204-28.000.
- Nakakooji, Hiroshi: *See—*
  - Mochida, Haruo; Nakakooji, Hiroshi; and Namazue, Hirotoshi. 4,492,959. Cl. 340-825.560.
- Nakakuki, Tadao: *See—*
  - Igaki, Seigo; Nakakuki, Tadao; Inagaki, Takefumi; Oikawa, Shuetsu; and Fujimura, Takashi. 4,559,452. Cl. 250-560.000.
  - Mita, Kikuo; Oyama, Masayuki; Yoshida, Takashi; Nakashima, Masato; Fujihara, Katsumi; and Nakakuki, Tadao. 4,547,895. Cl. 382-8.000.
- Nakama, Daiji; and Kimura, Shigeru, to Nifco Inc. Holding device. 4,526,333. 7-2-85. Cl. 248-73.000.
- Nakama, Daiji, to Nifco Inc. Locking latch for lid. 4,544,191. 10-1-85. Cl. 292-341.150.
- Nakama, Daiji, to Nifco Inc. Trim cover clip. 4,547,108. 10-15-85. Cl. 411-374.000.
- Nakamata, Hideo, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for hydraulically assembling a driven shaft and a drive member. 4,524,503. 6-25-85. Cl. 29-407.000.
- Nakamatzu, Toshio: *See—*
  - Hashimoto, Kiyoyasu; Murata, Akira; Kojima, Kiyoteru; Nakamatzu, Toshio; and Takeshita, Akira. 4,529,406. Cl. 8-691.000.
- Nakamichi Corporation: *See—*
  - Kobayashi, Kazutoshi. 4,505,413. Cl. 226-108.000.
  - Minamishima, Mamoru. 4,549,255. Cl. 363-26.000.
  - Nakamichi, Niro. 4,519,006. Cl. 360-76.000.
  - Uchikoshi, Gohji. 4,536,743. Cl. 340-347.0DA.
  - Uchikoshi, Gohji. 4,542,371. Cl. 340-347.0DA.
- Nakamichi, Kazuya: *See—*
  - Murai, Nobuyuki; Nakamichi, Kazuya; Otake, Masayuki; and Ushikubo, Takashi. 4,560,807. Cl. 568-698.000.
- Nakamichi, Niro, to Nakamichi Corporation. Magnetic head device. 4,519,006. 5-21-85. Cl. 360-76.000.
- Nakamichi, Noboru, to Kabushiki Kaisha Daikin Seisakusho. Control mechanism of a power shift transmission. 4,502,577. 3-5-85. Cl. 192-4.00A.
- Nakamichi, Toshihiro: *See—*
  - Tanaka, Yoshihiro; Nakamichi, Toshihiro; and Katsuhara, Yutaka. 4,554,382. Cl. 568-404.000.
- Nakamine, Chosin: *See—*
  - Matsumoto, Hiroshi; Ishikawa, Yuji; and Nakamine, Chosin. 4,559,519. Cl. 340-286.00M.
- Nakamizo, Nobuhiro: *See—*
  - Muto, Kenji; Karasawa, Akira; Kuroda, Tokuyuki; and Nakamizo, Nobuhiro. 4,501,748. Cl. 514-318.000.
- Nakamizo, Takazi: *See—*
  - Harada, Kosuke; Murata, Katsuaki; and Nakamizo, Takazi. 4,556,802. Cl. 307-66.000.
- Nakamori, Masao; and Ishiguro, Yasuo, to Copal Company Limited. Quick-return mirror driving mechanism for single-lens reflex cameras. 4,502,769. 3-5-85. Cl. 354-152.000.
- Nakamori, Shigeru: *See—*
  - Kurahashi, Osamu; Tsuchida, Takayasu; Kawashima, Hiroki; Enei, Hitoshi; and Nakamori, Shigeru. 4,504,581. Cl. 435-107.000.
- Nakamori, Tutomu, to Fujitsu Limited. CMOS power-on reset pulse generating circuit with extended reset pulse duration. 4,558,233. 12-10-85. Cl. 307-362.000.
- Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, to Nihon Iyakuhin Kogyo Co., Ltd.; and Kuraray Co., Ltd. Geranylgeranylacetamide compounds having a piperazine ring, salts thereof, pharmaceutical compositions containing said compounds, and method of treating ulcers in mammals. 4,521,417. 6-4-85. Cl. 514-255.000.
- Nakamoto, Hiromasa; Natsuaki, Yukinobu; Michihira, Osamu; and Shoji, Futoshi, to Mazda Motor Corporation. Electric parking brake system for a vehicle. 4,561,527. 12-31-85. Cl. 192-4.00C.
- Nakamoto, Keiji: *See—*
  - Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi. 4,556,623. Cl. 430-83.000.
- Nakamoto, Soichi: *See—*
  - Ito, Tadashi; Isobe, Yasuo; Ito, Fumio; and Nakamoto, Soichi. 4,534,640. Cl. 354-448.000.
- Nakamoto, Yasunobu: *See—*
  - Nameda, Naoyoshi; Surisawa, Yooji; Nakamoto, Yasunobu; and Sekiya, Hideshi. 4,505,263. Cl. 126-438.000.
- Nakamura, Akio: *See—*
  - Shiino, Mitsuo; and Nakamura, Akio. 4,519,659. Cl. 339-59.00M.
- Nakamura, Akira. Apparatus for storing mercury-containing used products. 4,545,540. 10-8-85. Cl. 241-99.000.
- Nakamura, Akira: *See—*
  - Ikeda, Makoto; and Nakamura, Akira. 4,551,258. Cl. 252-32.70E.
  - Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi. 4,554,202. Cl. 428-225.000.
  - Kitagawa, Junji; Akita, Shigeyuki; Kasegawa, Norimichi; and Nakamura, Akira. 4,522,278. Cl. 180-79.100.
  - Nishioka, Takeshi; Nakamura, Akira; and Yabe, Kenji. 4,542,164. Cl. 521-135.000.
- Nakamura, Akiyoshi: *See—*
  - Ebisawa, Masuo; Kawase, Akio; and Nakamura, Akiyoshi. 4,519,436. Cl. 164-120.000.
  - Omaki, Takanobu; Nakamura, Akiyoshi; Ishida, Masato; and Matsushita, Shuzo. 4,561,748. Cl. 354-403.000.
- Nakamura, Asao: *See—*
  - Niki, Katsumi; Inokuchi, Hiroo; Yagi, Tatsuhiko; and Nakamura, Asao. 4,541,908. Cl. 204-101.000.
- Nakamura, Fumiaki: *See—*
  - Kubo, Sanae; and Nakamura, Fumiaki. 4,547,365. Cl. 424-71.000.
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- Nakamura, Goto: *See—*
  - Isono, Kiyoshi; Nakamura, Goto; and Fujita, Shigeo. 4,517,178. Cl. 424-122.000.
- Nakamura, Haruo, to Yamaha Hatsudoki Kabushiki Kaisha. Intake system for multiple valve type engine. 4,520,775. 6-4-85. Cl. 123-308.000.
- Nakamura, Haruo: *See—*
  - Takei, Katsumori; and Nakamura, Haruo. 4,559,161. Cl. 252-299.630.
- Nakamura, Haruyoshi: *See—*
  - Morishita, Toshio; Yasui, Yoshiharu; Suzuki, Yoshihisa; Seiki, Kazuo; and Nakamura, Haruyoshi. 4,557,022. Cl. 19-267.000.
  - Tanaka, Akira; Seiki, Kazuo; and Nakamura, Haruyoshi. 4,545,193. Cl. 57-261.000.
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- Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, to Kanto Chemical Co., Inc.; and Tokyo Shibaura Denki Kabushiki Kaisha. Negative-working photoresist coating composition. 4,525,523. 6-25-85. Cl. 524-572.000.
- Nakamura, Hideaki: *See—*
  - Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu. 4,507,759. Cl. 365-189.000.
- Nakamura, Hidenori: *See—*
  - Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio. 4,537,843. Cl. 429-197.000.
  - Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio. 4,544,615. Cl. 429-194.000.
- Nakamura, Hideo: *See—*
  - Noguchi, Kouki; Tsunehiro, Takashi; and Nakamura, Hideo. 4,494,195. Cl. 364-200.000.
  - Tanaka, Minoru; Nakamura, Hideo; and Mizuguchi, Shunji. 4,535,009. Cl. 427-246.000.
- Nakamura, Hiroaki: *See—*
  - Enoki, Takashi; Nakamura, Hiroaki; and Nakashima, Fujio. 4,525,820. Cl. 369-2.000.
- Nakamura, Hiromi; Mochizuki, Zenichi; Motomura, Noriyuki; and Yamada, Sadayoshi, to Toshiba Kikai Kabushiki Kaisha. Metallic scales and method of manufacturing the same. 4,510,371. 4-9-85. Cl. 219-121.0LM.
- Nakamura, Hiromi, to Mitsubishi Gas Chemical Company, Inc. Heat exchanging system for a heat engine. 4,532,982. 8-6-85. Cl. 165-1.000.
- Nakamura, Hiromi; Takahashi, Takehiko; Narazaki, Norio; Yamamoto, Kazuo; and Sayama, Norio, to Mitsubishi Gas Chemical Company, Inc. Regenerative gas turbine cycle. 4,537,023. 8-27-85. Cl. 60-39.050.
- Nakamura, Hiroshi: *See—*
  - Hasegawa, Junzo; Ando, Michinori; and Nakamura, Hiroshi. 4,529,460. Cl. 156-92.000.
  - Nonaka, Toshio; Nakamura, Hiroshi; and Yamagishi, Choho. 4,540,446. Cl. 148-1.500.
  - Okuno, Toshinori; and Nakamura, Hiroshi. 4,534,561. Cl. 273-149.00R.

- Rokutanda, Takashi; and Nakamura, Hiroshi, 4,550,369, Cl. 364-200.000.
- Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, to Nippondenso Co., Ltd. Knocking detecting apparatus for internal combustion engines. 4,498,331, 2-12-85, Cl. 73-35.000.
- Nakamura, Hiroyuki: *See—*
  - Nakaya, Shyunichi; and Nakamura, Hiroyuki, 4,516,599, Cl. 137-375.000.
- Nakamura, Hisashi, to Diesel Kiki Co., Ltd. Injection quantity correcting device for distribution type fuel injection pump. 4,508,080, 4-2-85, Cl. 123-449.000.
- Nakamura, Hisatsugu. Speaker system. 4,553,628, 11-19-85, Cl. 181-145.000.
- Nakamura, Hitoshi: *See—*
  - Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi, 4,524,046, Cl. 419-8.000.
- Nakamura, Ichiro: *See—*
  - Ogasawara, Tsuyoshi; Ichiryu, Ken; Nakamura, Ichiro; and Kido, Yasuo, 4,534,452, Cl. 187-29.00A.
- Nakamura, Iwao, to Futaba Denshi Kogyo K.K. Process for positioning and aligning dies. 4,555,840, 12-3-85, Cl. 29-465.000.
- Nakamura, Joji: *See—*
  - Tamaki, Hiroaki; and Nakamura, Joji, 4,494,613, Cl. 173-74.000.
- Nakamura, Junichi: *See—*
  - Aoki, Masahiro; Nakamura, Junichi; Ida, Masatoshi; Oinoue, Kenichi; and Hayashi, Asao, 4,562,345, Cl. 250-201.000.
  - Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, 4,492,449, Cl. 354-407.000.
- Nakamura, Junnosuke: *See—*
  - Sugino, Yoshihide; Tsumura, Takashi; Nakamura, Junnosuke; and Yamaki, Kazuyoshi, 4,505,636, Cl. 414-736.000.
- Nakamura, Kaoru, to Aisin Seiki Kabushiki Kaisha. Master cylinder. 4,505,112, 3-19-85, Cl. 60-533.000.
- Nakamura, Kaoru, to Aisin Seiki Kabushiki Kaisha. Piston for cylinder device. 4,528,895, 7-16-85, Cl. 92-129.000.
- Nakamura, Kaoru, to Aisin Seiki Kabushiki Kaisha. Hydraulic pressure cylinder with integrated reservoir. 4,544,075, 10-1-85, Cl. 220-82.00R.
- Nakamura, Katsuhiro, to NEC Corporation. Error-correction system for two-dimensional multilevel signals. 4,553,237, 11-12-85, Cl. 371-37.000.
- Nakamura, Katsuhiro: *See—*
  - Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, 4,527,279, Cl. 375-114.000.
- Nakamura, Katsumi; and Kitamura, Kumpei, to Kirin Beer Kabushiki Kaisha. Process for production of cellulase. 4,496,656, 1-29-85, Cl. 435-209.000.
- Nakamura, Katsutoshi, to Kabushiki Kaisha Suiden. Vacuum cleaner. 4,533,371, 8-6-85, Cl. 55-299.000.
- Nakamura, Katutoshi: *See—*
  - Kanaoka, Takeshi; Nakamura, Katutoshi; and Shimizu, Shigehisa, 4,548,492, Cl. 355-50.000.
- Nakamura, Katuyuki; and Neki, Kazuya, to Asahi Kasei Kogyo Kabushiki Kaisha. Polyester composition and production thereof. 4,524,191, 6-18-85, Cl. 525-425.000.
- Nakamura, Kazuaki, to Aisin Seiki Kabushiki Kaisha. Stirling-cycle refrigerator. 4,522,032, 6-11-85, Cl. 62-6.000.
- Nakamura, Kazuharu; and Nakanishi, Yutaka, to Toyotomi Kogyo Co., Ltd. Device for adjusting the vertical position of wick in oil burner. 4,498,862, 2-12-85, Cl. 431-88.000.
- Nakamura, Kazuharu; Matsumoto, Motoki; Niha, Osamu; and Suzuki, Yoshio, to Toyotomi Kogyo Co., Ltd. Protective guard for combustion appliance. 4,528,974, 7-16-85, Cl. 126-202.000.
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- Nakamura, Kazuharu; and Tsuboi, Yoshimasa, to Toyotomi Kogyo Co., Ltd. Safety device for oil burner. 4,561,840, 12-31-85, Cl. 431-22.000.
- Nakamura, Kazuhiro: *See—*
  - Koyama, Etsuo; and Nakamura, Kazuhiro, 4,558,443, Cl. 369-139.000.
- Nakamura, Kazumasa: *See—*
  - Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,516,652, Cl. 180-177.000.
  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,864, Cl. 180-177.000.
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  - Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,537,272, Cl. 180-176.000.
- Nakamura, Kazuo: *See—*
  - Chijiishi, Toshio; Matoba, Hiroshi; Nakamura, Kazuo; and Higuchi, Toshiaki, 4,505,659, Cl. 425-121.000.
  - Kawahara, Hiroshi; and Nakamura, Kazuo, 4,493,569, Cl. 400-144.200.
  - Nakajima, Motoo; Nakamura, Kazuo; Shirokane, Yoshio; and Mizusawa, Kiyoshi, 4,503,147, Cl. 435-25.000.
- Nakamura, Keiichi; Inaguma, Yoshiharu; and Mori, Yutaka, to Toyoda Koki Kabushiki Kaisha. Vane type pump with a variable capacity for power steering devices. 4,496,288, 1-29-85, Cl. 417-213.000.
- Nakamura, Keiichi; Asao, Hiroshi; Okada, Kenichi; Wakabayashi, Yoichi; and Ochiai, Izumi, to Hitachi, Ltd. Method of producing a fluid pressure reducing device. 4,506,423, 3-26-85, Cl. 29-157.00R.
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  - Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,544,657, Cl. 514-253.000.
  - Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,559,403, Cl. 546-144.000.
  - Hiraoka, Takeshi; Urano, Shigeru; Takeshita, Masajiro; and Nakamura, Keiji, 4,526,617, Cl. 75-236.000.
- Nakamura, Keijiro: *See—*
  - Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.
- Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, to Nissan Motor Company, Limited. Variable venturi carburetor. 4,517,134, 5-14-85, Cl. 261-39.00A.
- Nakamura, Kenichi, to Hitachi, Ltd. Coil fitting system. 4,538,349, 9-3-85, Cl. 29-736.000.
- Nakamura, Ken'ichi; Sakagami, Teruo; Teramoto, Yoshikichi; and Obara, Hiroshi, to Kureha Kagaku Kogyo Kabushiki Kaisha. Polarized, shaped material of copolymer of vinylidene fluoride. 4,543,293, 9-24-85, Cl. 428-421.000.
- Nakamura, Kenichi: *See—*
  - Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.
  - Morishita, Tatsuo; Funakoshi, Fumio; Nakamura, Kenichi; and Takamori, Kazuo, 4,517,564, Cl. 340-825.690.
  - Sakagami, Teruo; Arakawa, Noriyuki; Teramoto, Yoshikichi; and Nakamura, Kenichi, 4,554,335, Cl. 526-249.000.
  - Tominaga, Masahiro; Nakamura, Kenichi; and Mishima, Kunio, 4,495,234, Cl. 428-122.000.
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- Nakamura, Kenji. Process for producing a re-sealable dispenser-container. 4,538,396, 9-3-85, Cl. 53-412.000.
- Nakamura, Kenji: *See—*
  - Koga, Noritaka; Suzuki, Takanori; Nakamura, Kenji; Suzuki, Hitoshi; and Ogano, Takeo, 4,513,702, Cl. 123-193.00H.
- Nakamura, Kensaku. Synthetic resin extruding means. 4,514,163, 4-30-85, Cl. 425-204.000.
- Nakamura, Kenzi, to Sanyo Electric Co., Ltd. Flyback transformer. 4,499,522, 2-12-85, Cl. 361-331.000.
- Nakamura, Kiyofumi: *See—*
  - Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, 4,536,211, Cl. 75-5.000.
- Nakamura, Koichi; Ishibashi, Masashi; Kameda, Hideki; and Makiyo, Minoru, to Fujikura Ltd. Heat shrinkable magnetic shielding article. 4,555,422, 11-26-85, Cl. 428-36.000.
- Nakamura, Koichi: *See—*
  - Aono, Toshiaki; and Nakamura, Koichi, 4,550,071, Cl. 430-203.000.
  - Hirai, Hiroyuki; and Nakamura, Koichi, 4,529,687, Cl. 430-373.000.
  - Sato, Kozo; Fujita, Shinsaku; Nakamura, Koichi; and Naito, Hideki, 4,556,632, Cl. 430-562.000.
- Nakamura, Koki: *See—*
  - Akimura, Yoshitaka; Mifune, Hiroyuki; and Nakamura, Koki, 4,520,099, Cl. 430-613.000.
  - Inoue, Nobuaki; Mifune, Hiroyuki; and Nakamura, Koki, 4,539,291, Cl. 430-597.000.
  - Sugimoto, Tadao; Ikeda, Hideo; Mifune, Hiroyuki; and Nakamura, Koki, 4,521,508, Cl. 430-567.000.
  - Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, 4,551,419, Cl. 430-445.000.
  - Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, 4,551,421, Cl. 430-509.000.
  - Yokoyama, Shigeki; Nakamura, Koki; Kouda, Jyounichi; and Sekiguchi, Nobuhisa, 4,555,480, Cl. 430-527.000.
- Nakamura, Kosei; and Takano, Yoshikazu, to Fanuc Ltd. Spindle head unit. 4,534,686, 8-13-85, Cl. 409-135.000.
- Nakamura, Kotaro: *See—*
  - Furutachi, Nobuo; Nakamura, Kotaro; and Hirose, Takeshi, 4,556,630, Cl. 430-372.000.
- Nakamura, Kousuke: *See—*
  - Matsushita, Yasuo; Nakamura, Kousuke; and Ura, Mitsuru, 4,517,584, Cl. 357-80.000.
  - Matsushita, Yasuo; Nakamura, Kousuke; and Kosugi, Tetuo, 4,528,121, Cl. 252-516.000.
  - Matsushita, Yasuo; Nakamura, Kousuke; and Harada, Koji, 4,555,358, Cl. 252-516.000.

Ogihara, Satoru; Takeda, Yukio; Maeda, Kunihiro; Nakamura, Kousuke; and Ura, Mitsuru, 4,561,010, Cl. 357-74.000.
Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.
Nakamura, Koyo: *See—*
Okamura, Kenji; Nagaishi, Hatsuo; Kitahara, Tsuyoshi; Sone, Kohki; and Nakamura, Koyo, 4,507,986, Cl. 74-866.000.
Nakamura, Kunihiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Sheet sorting apparatus. 4,518,161, 5-21-85, Cl. 271-303.000.
Nakamura, Kunihiko: *See—*
Yamada, Noboru; and Nakamura, Kunihiko, 4,511,136, Cl. 271-187.000.
Nakamura, Kyoichi: *See—*
Maeda, Hirofumi; Nakamura, Kyoichi; and Hatamoto, Toshihiro, 4,524,154, Cl. 521-58.000.
Maeda, Hirofumi; Nakamura, Kyoichi; and Fukui, Hisatoshi, 4,525,485, Cl. 521-58.000.
Senda, Kenichi; Ando, Masao; Nakamura, Kyoichi; and Nishida, Tatehiko, 4,540,718, Cl. 521-58.000.
Nakamura, Makoto, to Nissan Motor Company, Limited. Valve operating arrangement of an internal combustion engine. 4,505,236, 3-19-85, Cl. 123-90.270.
Nakamura, Mamoru; and Shibata, Fumio, to Nippon Zeon Co. Ltd. Process for producing powdery composite polymer. 4,547,549, 10-15-85, Cl. 525-197.000.
Nakamura, Mamoru: *See—*
Yamakawa, Masahiro; Nakamura, Mamoru; and Arai, Toyoichi, 4,558,087, Cl. 524-495.000.
Nakamura, Masaaki: *See—*
Morimoto, Ikuhisa; Kimura, Yasuhiko; and Nakamura, Masaaki. 4,529,259, Cl. 339-155.00L.
Nakamura, Masahiro, to Ohtake Works Company, Ltd. Method for oscillating ultrasonic waves and a microcomputer's built-in ultrasonic wave oscillator circuitry. 4,525,790, 6-25-85, Cl. 364-484.000.
Nakamura, Masaji: *See—*
Sakuma, Takeyuki; Nakamura, Masaji; and Mizukoshi, Matsuo, 4,541,173, Cl. 29-806.000.
Nakamura, Masakatsu: *See—*
Takasa, Kenji; and Nakamura, Masakatsu, 4,525,396, Cl. 428-35.000.
Nakamura, Masao; and Karato, Kenji, to Bridgestone Tire Company Limited. Heavy duty pneumatic radial tires. 4,541,467, 9-17-85, Cl. 152-548.000.
Nakamura, Masao: *See—*
Ishizuka, Takashi; Moriyama, Yasuhiro; and Nakamura, Masao, 4,499,042, Cl. 264-205.000.
Oyama, Kiyotaka; Irino, Shigeaki; Harada, Tsuneo; and Nakamura, Masao, 4,521,514, Cl. 435-70.000.
Tonokawa, Hiroshi; and Nakamura, Masao, 4,510,268, Cl. 521-146.000
Nakamura, Masaru; and Kuse, Takashi, to Kabushiki Kaisha Komatsu Seisakusho. Fluid operated transmission control system. 4,535,681, 8-20-85, Cl. 91-527.000.
Nakamura, Masaru: *See—*
Takeuchi, Tooru; Nakamura, Masaru; and Aoishi, Eiji, 4,510,201, Cl. 428-285.000.
Nakamura, Masashi, to Nissan Motor Company, Limited. Method of producing electrode for liquid fuel cell. 4,500,395, 2-19-85, Cl. 204-284.000.
Nakamura, Masatatsu: *See—*
Genji, Nobuo; Takahashi, Wataru; Nakamura, Masatatsu; and Kawai, Yoichi, 4,553,413, Cl. 68-12.00R.
Nakamura, Masato; and Takemoto, Sohei, to Sony Corporation. Digital video tape recorder that can be used with different television systems. 4,549,224, 10-22-85, Cl. 358-310.000.
Nakamura, Masayoshi: *See—*
Hara, Noboru; Fukudome, Shinichi; Johna, Nobuo; and Nakamura, Masayoshi, 4,510,073, Cl. 252-383.000.
Nakamura, Masayuki; Tsuriya, Masaaki; and Funabashi, Masahiko, to Sumitomo Durez Company, Ltd. Liquid refractory binder. 4,501,836, 2-26-85, Cl. 524-66.000.
Nakamura, Masayuki, to Kurita Machinery Manufacturing Company Limited. Apparatus for oscillating filter cloth of filter press. 4,558,641, 12-17-85, Cl. 100-198.000.
Nakamura, Matsuichi, to Daiwa Steel Tube Industries Co., Ltd. Permanently sealed threadless joint. 4,541,659, 9-17-85, Cl. 285-382.200.
Nakamura, Michael D., to Tektronix, Inc. Clamp circuits. 4,516,042, 5-7-85, Cl. 307-546.000.
Nakamura, Michiharu: *See—*
Ueyanagi, Kiichi; Takahashi, Susumu; Umemoto, Yasunari; and Nakamura, Michiharu, 4,503,599, Cl. 29-571.000.
Ueyanagi, Kiichi; Umemoto, Yasunari; Takahashi, Susumu; and Nakamura, Michiharu, 4,546,540, Cl. 29-579.000.
Nakamura, Michio: *See—*
Tokita, Kiyoshi; Sone, Toshinao; and Nakamura, Michio, 4,535,907, Cl. 220-2.10A.
Nakamura, Mikihiko: *See—*
Aoshima, Atsushi; Suzuki, Yoshio; and Nakamura, Mikihiko, 4,518,462, Cl. 203-39.000.
Nakamura, Minoru; and Asami, Kazuto, to Glory Kogyo Kabushiki Kaisha. Coin stacking apparatus for a coin packaging machine or the like. 4,515,172, 5-7-85, Cl. 133-8.00A.
Nakamura, Minoru; and Kasai, Minoru, to Hitec Co., Ltd. Apparatus for manufacturing sausages or the like. 4,539,796, 9-10-85, Cl. 53-576.000.
Nakamura, Minoru. Shirred casing delivery apparatus for meat packing system. 4,558,486, 12-17-85, Cl. 17-1.00R.
Nakamura, Minoru: *See—*
Asami, Kazuto; Baba, Takao; Nakamura, Minoru; and Tanaka, Mitsuaki, 4,554,775, Cl. 53-64.000.
Yamamoto, Yoshihiro; Suzuki, Junichiro; and Nakamura, Minoru, 4,521,248, Cl. 75-238.000.
Nakamura, Mitsugu; Yoshizu, Satoru; Sakata, Teiichi; and Yatabe, Hiroyuki, to Nippon Seiko Kabushiki Kaisha. Creep preventing device of an annular member. 4,545,627, 10-8-85, Cl. 384-585.000.
Nakamura, Mitsuo: *See—*
Fukushima, Tatsuhisa; Kasai, Yoshiaki; and Nakamura, Mitsuo, 4,495,579, Cl. 364-431.070.
Ohgami, Masaaki; and Nakamura, Mitsuo, 4,498,441, Cl. 123-440.000.
Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.
Sueishi, Motoharu; and Nakamura, Mitsuo, 4,503,827, Cl. 123-478.000.
Nakamura, Morio: *See—*
Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,507,438, Cl. 525-119.000.
Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,541,871, Cl. 106-197.200.
Nakamura, Motoharu: *See—*
Kitayama, Minoru; Nakamura, Motoharu; Hirose, Kikuji; and Tanida, Masashi, 4,537,792, Cl. 427-13.000.
Nakamura, Munehiro: *See—*
Kobayashi, Shigeru; and Nakamura, Munehiro, 4,525,486, Cl. 521-59.000.
Nakamura, Munekazu: *See—*
Asaoka, Sachio; Sendo, Takashi; and Nakamura, Munekazu, 4,562,059, Cl. 423-626.000.
Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, to Victor Company of Japan, Ltd.; and Tokuyama Sekisui Industry Corporation, Ltd. High density information records made of conductive resin compositions comprising a specifically-treated vinyl chloride-base resin. 4,548,739, 10-22-85, Cl. 252-511.000.
Nakamura, Mutsuaki: *See—*
Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.
Nakamura, Naoji: *See—*
Masumoto, Hakaru; and Nakamura, Naoji, 4,517,156, Cl. 420-463.000.
Masumoto, Hakaru; and Nakamura, Naoji, 4,518,439, Cl. 148-3.000.
Nakamura, Noboru: *See—*
Okabayashi, Yoshikatsu; Nakamura, Noboru; Matsumoto, Takeshi; and Osumi, Yoshimasa, 4,518,704, Cl. 502-80.000.
Nakamura, Norihiko; Itoh, Takaaki; and Morino, Toshiharu, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Aisan Industry Co., Ltd. Variable venturi type carburetor. 4,491,550, 1-1-85, Cl. 261-44.00C.
Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; Ota, Yozo; and Morino, Toshiharu, to Toyota Jidosha Kabushiki Kaisha; and Aisan Industry Co., Ltd. Variable venturi-type carburetor. 4,493,804, 1-15-85, Cl. 261-44.00C.
Nakamura, Norihiko; Baika, Toyokazu; Miki, Toshio; and Kohigashi, Minoru, to Toyota Jidosha Kabushiki Kaisha; and Koyo Seiko Kabushiki Kaisha. Variable valve-timing apparatus in an internal combustion engine. 4,494,495, 1-22-85, Cl. 123-90.150.
Nakamura, Norihiko; and Baika, Toyokazu, to Toyota Jidosha Kabushiki Kaisha. Variable valve-timing apparatus in an internal-combustion engine. 4,494,496, 1-22-85, Cl. 123-90.150.
Nakamura, Norihiko; and Baika, Toyokazu, to Toyota Jidosha Kabushiki Kaisha. Variable valve-timing apparatus in an internal-combustion engine. 4,498,431, 2-12-85, Cl. 123-90.150.
Nakamura, Norihiko; Itou, Takaaki; Katou, Takashi; Takimoto, Masatami; and Teramura, Mitsuyoshi, to Toyota Jidosha Kabushiki Kaisha. Variable venturi-type carburetor. 4,512,312, 4-23-85, Cl. 123-439.000.
Nakamura, Norihiko; and Kato, Takashi, to Toyota Jidosha Kabushiki Kaisha. Fuel controller of variable choke carburetor. 4,545,350, 10-8-85, Cl. 123-439.000.
Nakamura, Norihiko; Baika, Toyokazu; Shibata, Yoshiaki; and Miki, Toshio, to Toyota Jidosha Kabushiki Kaisha; and Koyo Seiko Kabushiki Kaisha. Variable valve-timing apparatus in an internal combustion engine. 4,561,390, 12-31-85, Cl. 123-90.150.
Nakamura, Norihiko: *See—*
Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.
Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,562,012, Cl. 261-44.00C.
Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, 4,535,735, Cl. 123-310.000.
Nakamura, Osamu; Ogino, Isao; and Adachi, Masakazu, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Hydrogen-oxygen solid electrolyte fuel cell. 4,554,224, 11-19-85, Cl. 429-30.000.
Nakamura, Ryuji; and Hayashi, Masaharu, to Aisin Seiki Kabushiki Kaisha. Temperature responsive fluid coupling device. 4,555,004, 11-26-85, Cl. 192-58.00B.

- Nakamura, Shigeharu: *See—*
  - Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.
- Nakamura, Shigehira: *See—*
  - Tanaka, Shuji; Nakamura, Shigehira; Sakamoto, Tuneaki; Hirakata, Yoshiaki; and Yamagata, Tetsuo, 4,558,460, Cl. 381-86.000.
- Nakamura, Shigeo: *See—*
  - Hattori, Masayuki; Nakamura, Shigeo; and Yairo, Osamu, 4,562,361, Cl. 307-270.000.
  - Sakamoto, Teruhisa; and Nakamura, Shigeo, 4,504,677, Cl. 562-534.000.
- Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, to Hitachi, Ltd. Optical track position detecting apparatus and optical information processor using the same. 4,525,826, 6-25-85, Cl. 369-46.000.
- Nakamura, Shigeru: *See—*
  - Ono, Shigetoshi; Harada, Toru; Suzuki, Hirohisa; Tanaka, Mitsugu; and Nakamura, Shigeru, 4,533,626, Cl. 430-562.000.
  - Sakaguchi, Shinji; Okamura, Hisashi; and Nakamura, Shigeru, 4,506,001, Cl. 430-213.000.
  - Tsunoda, Yoshito; Maeda, Takeshi; Nakamura, Shigeru; and Kaku, Toshimitsu, 4,532,522, Cl. 346-44.000.
- Nakamura, Shinichi: *See—*
  - Matsumoto, Jun-ichi; and Nakamura, Shinichi, 4,496,566, Cl. 514-254.000.
  - Matsumoto, Jun-ichi; Nishimura, Yoshiro; and Nakamura, Shinichi, 4,497,816, Cl. 514-300.000.
  - Ohbayashi, Keiji; and Nakamura, Shinichi, 4,529,690, Cl. 430-543.000.
  - Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, 4,545,932, Cl. 260-112.50R.
- Nakamura, Shinji: *See—*
  - Fujii, Yasuhiko; Owaki, Isao; Saito, Susumu; Mori, Takaro; and Nakamura, Shinji, 4,551,840, Cl. 371-38.000.
  - Owaki, Isao; Saito, Susumu; Fujii, Yasuhiko; and Nakamura, Shinji, 4,527,207, Cl. 360-73.000.
- Nakamura, Shinya: *See—*
  - Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.
- Nakamura, Shiro: *See—*
  - Iwamoto, Masatami; Nakamura, Shiro; Miyazaki, Masayuki; and Yoshioka, Sumio, 4,532,445, Cl. 310-52.000.
- Nakamura, Shunji: *See—*
  - Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, 4,559,899, Cl. 118-657.000.
- Nakamura, Shuzo: *See—*
  - Sato, Hiroshi; and Nakamura, Shuzo, 4,551,568, Cl. 568-939.000.
- Nakamura, Shyuzo: *See—*
  - Sato, Hiroshi; Ishii, Norio; and Nakamura, Shyuzo, 4,499,321, Cl. 585-486.000.
- Nakamura, Soichi; and Konno, Kunio, to Nippon Kogaku K.K. Viewfinder optical arrangement of a camera. 4,525,744, 6-25-85, Cl. 358-224.000.
- Nakamura, Sukenori: *See—*
  - Ikeda, Kensuke; and Nakamura, Sukenori, 4,533,929, Cl. 346-209.000.
- Nakamura, Tadasi: *See—*
  - Osugi, Minoru; Nakamura, Tadasi; and Ebata, Shuji, 4,547,482, Cl. 502-208.000.
- Nakamura, Takashi; and Morioka, Yoshihiro, to Sony Corporation. Individual deflection control signals for plural pickup-tubes in a television camera. 4,503,366, 3-5-85, Cl. 315-370.000.
- Nakamura, Takashi; Yamaji, Kazunori; and Kihara, Taku, to Sony Corporation. Automatic registration adjusting system. 4,503,456, 3-5-85, Cl. 358-51.000.
- Nakamura, Takashi; and Takahashi, Kenji, to Fuji Photo Film Co., Ltd. Process for the preparation of phosphor. 4,532,071, 7-30-85, Cl. 252-301.40H.
- Nakamura, Takashi; and Yamaji, Kazunori, to Sony Corporation. Deflection control circuit with level conversion. 4,553,073, 11-12-85, Cl. 315-370.000.
- Nakamura, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Heat pump having improved compressor lubrication. 4,557,115, 12-10-85, Cl. 62-156.000.
- Nakamura, Takashi: *See—*
  - Arakawa, Satoshi; Nakamura, Takashi; and Takahashi, Kenji, 4,534,884, Cl. 252-301.40H.
  - Harashima, Aseo; Nakamura, Takashi; and Kishimoto, Keiichi, 4,517,150, Cl. 264-300.000.
  - Ishikawa, Takatoshi; Mitsui, Akio; Morigaki, Masakazu; and Nakamura, Takashi, 4,491,630, Cl. 430-372.000.
  - Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.
  - Miyahara, Junji; Nakamura, Takashi; and Takahashi, Kenji, 4,539,138, Cl. 252-301.40H.
  - Nakajima, Junya; Imai, Kiyoshi; and Nakamura, Takashi, 4,525,449, Cl. 430-407.000.
  - Takahashi, Kenji; and Nakamura, Takashi, 4,535,237, Cl. 250-327.200.
  - Takahashi, Kenji; and Nakamura, Takashi, 4,535,238, Cl. 250-327.200.
- Nakamura, Takayoshi, to Kabushiki Kaisha Kito. Electric hoist. 4,502,667, 3-5-85, Cl. 254-350.000.
- Nakamura, Takayoshi, to Kabushiki Kaisha Kito. Idling device for lever hoist. 4,512,555, 4-23-85, Cl. 254-350.000.
- Nakamura, Takeaki: *See—*
  - Ishii, Fumiaki; Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Takamura, Koji; and Nakamura, Takeaki, 4,526,623, Cl. 134-21.000.
  - Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Ishii, Fumiaki; Takamura, Koji; and Nakamura, Takeaki, 4,525,220, Cl. 134-21.000.
  - Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.
  - Takamura, Koji; Ishii, Fumiaki; Nakajima, Yukio; Yabe, Hisao; Sasa, Hiroyuki; and Nakamura, Takeaki, 4,526,622, Cl. 134-21.000.
- Nakamura, Takeshi; Okamoto, Seiji; and Hirayama, Kazuyoshi, to Sharp Kabushiki Kaisha. Liquid crystal display with small impedance orienting film. 4,494,824, 1-22-85, Cl. 350-334.000.
- Nakamura, Takeshi; Nishiyama, Hiroshi; Matsuda, Satoshi; and Matsumoto, Ikuo, to Murata Manufacturing Co., Ltd. Support structure for piezoelectric vibrator. 4,511,821, 4-16-85, Cl. 310-354.000.
- Nakamura, Takeshi; Matsumoto, Ikuo; and Ando, Kenji, to Murata Manufacturing Co., Ltd. Piezoelectric vibrating element having a rectangular configuration. 4,562,372, 12-31-85, Cl. 310-321.000.
- Nakamura, Takeshi: *See—*
  - Hamano, Toshihisa; Nakamura, Takeshi; and Ito, Hisao, 4,546,243, Cl. 250-211.00R.
  - Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, 4,560,866, Cl. 250-216.000.
- Nakamura, Taku; and Kasama, Yasuo, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive element having a light insensitive upper layer. 4,552,835, 11-12-85, Cl. 430-523.000.
- Nakamura, Taku: *See—*
  - Deguchi, Naoyasu; Kameyama, Koji; and Nakamura, Taku, 4,497,893, Cl. 430-359.000.
  - Ogawa, Masashi; Ishigaki, Kunio; Iwasaki, Nobuyuki; and Nakamura, Taku, 4,508,818, Cl. 430-523.000.
  - Ogawa, Masashi; Nakamura, Taku; Urata, Yukihide; and Yamauchi, Shingo, 4,551,412, Cl. 430-265.000.
  - Urata, Yukihide; Moriuchi, Shigenori; Nakamura, Taku; and Ogawa, Masashi, 4,533,623, Cl. 430-309.000.
- Nakamura, Tamio: *See—*
  - Aramaki, Minoru; Kobayashi, Yoshiyuki; Nakamura, Tamio; Nakano, Hisaji; and Suenaga, Takashi, 4,543,242, Cl. 423-406.000.
- Nakamura, Tatsushi: *See—*
  - Ohta, Takeo; Nakamura, Tatsushi; and Akahira, Nobuo, 4,547,875, Cl. 369-275.000.
- Nakamura, Teruo; and Fukuda, Shoichi, to Diesel Kiki Co., Ltd. Rotary vane compressor. 4,514,157, 4-30-85, Cl. 418-259.000.
- Nakamura, Teruo: *See—*
  - Shibuya, Tsunenori; Ishizuka, Yutaka; and Nakamura, Teruo, 4,502,854, Cl. 418-15.000.
  - Shibuya, Tsunenori; and Nakamura, Teruo, 4,507,065, Cl. 418-15.000.
- Nakamura, Teruya: *See—*
  - Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, 4,554,289, Cl. 514-450.000.
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.
  - Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,529,549, Cl. 260-404.500.
  - Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,556,735, Cl. 564-157.000.
- Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, to Nippondenso Co., Ltd. Apparatus for controlling fuel injection timing. 4,503,830, 3-12-85, Cl. 123-501.000.
- Nakamura, Tohru: *See—*
  - Suzuki, Toshiyuki; Nakamura, Tohru; and Tsutsumi, Hisao, 4,536,519, Cl. 514-785.000.
- Nakamura, Tomoo: *See—*
  - Izumi, Takayuki; Naito, Tsutomu; and Nakamura, Tomoo, 4,534,850, Cl. 208-22.000.
- Nakamura, Toru, to Olympus Optical Co., Ltd. Lens system for optical recording type disks. 4,525,040, 6-25-85, Cl. 350-480.000.
- Nakamura, Toru: *See—*
  - Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,507,448, Cl. 526-125.000.
  - Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,518,752, Cl. 526-116.000.
  - Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,525,552, Cl. 526-116.000.
- Nakamura, Toshiaki: *See—*
  - Kusakawa, Yukio; Nakamura, Toshiaki; Ina, Yoshifumi; and Inbe, Takashi, 4,508,492, Cl. 417-366.000.

Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,493,620, Cl. 417-366.000.
Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,492,515, Cl. 415-53.00T.
Watanabe, Kiyohiko; Hattori, Yoshiyuki; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,556,363, Cl. 415-53.00T.
Nakamura, Toshinobu, to Shinagawa Shoko Co., Ltd. Fastener for electric wires around a printed circuit board. 4,556,181, 12-3-85, Cl. 248-74.100.
Nakamura, Toshio: *See—*
  Sasaki, Yutaka; Kiyomiya, Yutaka; Nakamura, Toshio; Nakamura, Yoshimi; and Yamaguchi, Masanori, 4,536,483, Cl. 502-20.000.
Nakamura, Toshiro; and Watanabe, Tetsuya, to Nakamura, Toshiro. Insole. 4,510,699, 4-16-85, Cl. 36-43.000.
Nakamura, Toshiteru, to Sony Corporation. Apparatus for controlling the scrolling rate of a video display. 4,549,173, 10-22-85, Cl. 340-726.000.
Nakamura, Toshiyuki; Inaba, Tsutomu; and Kimura, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Compressor of the scroll type. 4,496,293, 1-29-85, Cl. 417-371.000.
Nakamura, Toshiyuki: *See—*
  Morishita, Etsuo; Sugihara, Masahiro; Inaba, Tsutomu; and Nakamura, Toshiyuki, 4,553,913, Cl. 418-55.000.
Nakamura, Tsuneshi; and Kikuchi, Tatsuro, to Matsushita Electric Industrial Co., Ltd. Hybrid integrated circuit component and printed circuit board mounting said component. 4,495,546, 1-22-85, Cl. 361-398.000.
Nakamura, Tsutomu; and Itoh, Kunio, to Shin-Etsu Chemical Co., Ltd. Flame retardant polyolefin-based rubber composition. 4,560,719, 12-24-85, Cl. 524-269.000.
Nakamura, Tsutomu: *See—*
  Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.
  Itoh, Kunio; Oshima, Toshimichi; and Nakamura, Tsutomu, 4,533,687, Cl. 524-80.000.
  Kita, Daizo; Nakamura, Tsutomu; and Kawachi, Takeshi, 4,551,256, Cl. 252-8.5LC.
  Tamura, Yorikazu; Sadanobu, Jiro; and Nakamura, Tsutomu, 4,539,393, Cl. 528-348.000.
Nakamura, Yasuo, to Sanden Corporation. Clutch rotor for an electromagnetic clutch and method of making the rotor. 4,553,690, 11-19-85, Cl. 29-159.00R.
Nakamura, Yasuo: *See—*
  Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,511,744, Cl. 568-864.000.
  Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,551,565, Cl. 568-864.000.
Nakamura, Yasushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for detecting an abnormality in paperlike material. 4,538,290, 8-27-85, Cl. 378-44.000.
Nakamura, Yoichi; Yamamoto, Akio; Nogita, Shunsuke; Kuge, Toshio; and Muroi, Katsumi, to Hitachi, Ltd. Method of upgrading low-rank coal. 4,511,363, 4-16-85, Cl. 44-1.00G.
Nakamura, Yoichi; Watarai, Shumei; and Matsuo, Shohta, to UBE Industries, Ltd. Modified polyolefin composition useful for bonding materials. 4,533,602, 8-6-85, Cl. 428-447.000.
Nakamura, Yoichi: *See—*
  Hiratsuka, Kosai; Nakamura, Yoichi; Maruko, Morihisa; Matsuura, Yoshio; and Kurihara, Michio, 4,492,638, Cl. 210-728.000.
  Kuge, Toshio; Yokoyama, Hiroshi; Nogita, Shunsuke; Nakamura, Yoichi; and Muroi, Katsumi, 4,523,927, Cl. 44-1.00B.
  Muroi, Katsumi; Yamamoto, Akio; Nakamura, Yoichi; Takahashi, Toshihiko; and Maruko, Morihisa, 4,559,060, Cl. 44-23.000.
Nakamura, Yoshiharu; and Kanda, Mikio, to Nissan Motor Company, Limited; and Nissan Shatai Company, Limited. Mounting structure for anchor of automotive seat belt. 4,506,911, 3-26-85, Cl. 280-801.000.
Nakamura, Yoshiharu: *See—*
  Shinjo, Tuneo; Nakamura, Yoshiharu; and Chikaraishi, Takayo, 4,561,690, Cl. 296-155.000.
Nakamura, Yoshihiko: *See—*
  Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, 4,529,552, Cl. 556-40.000.
Nakamura, Yoshihiro: *See—*
  Kumazawa, Takahiro; Nakamura, Yoshihiro; and Izawa, Toshihisa, 4,558,695, Cl. 228-183.000.
Nakamura, Yoshiki: *See—*
  Ohno, Sachio; Mizukoshi, Kiyoshi; Komatsu, Osamu; Nagasaka, Mitsuaki; and Nakamura, Yoshiki, 4,496,735, Cl. 546-301.000.
Nakamura, Yoshimi: *See—*
  Sasaki, Yutaka; and Nakamura, Yoshimi, 4,504,599, Cl. 502-304.000.
  Sasaki, Yutaka; Kiyomiya, Yutaka; Nakamura, Toshio; Nakamura, Yoshimi; and Yamaguchi, Masanori, 4,536,483, Cl. 502-20.000.
Nakamura, Yoshimitsu, to Matsushita Electric Works, Ltd. Rotor of coreless motor. 4,533,848, 8-6-85, Cl. 310-237.000.
Nakamura, Yukihiro: *See—*
  Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,501,606, Cl. 71-92.000.
  Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,505,739, Cl. 71-92.000.
  Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,545,809, Cl. 71-92.000.
Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for visually indicating the current location of an automotive vehicle. 4,517,565, 5-14-85, Cl. 340-995.000.
Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for visually indicating the current location of an automotive vehicle. 4,521,777, 6-4-85, Cl. 340-995.000.
Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for visually indicating the current location of an automotive vehicle. 4,524,357, 6-18-85, Cl. 340-995.000.
Nakamura, Yukio; and Tanaka, Tsuneo, to UBE Industries, Ltd. Anticorrosive covering sheet. 4,499,136, 2-12-85, Cl. 428-206.000.
Nakamura, Yukio: *See—*
  Nishikawa, Meisei; Nakamura, Yukio; and Kojima, Tadashi, 4,495,474, Cl. 331-11.000.
Nakamuraya Co., Ltd.: *See—*
  Ishii, Mikio; Iiyama, Kazunobu; and Yazaki, Tomoyoshi, 4,520,034, Cl. 426-96.000.
Nakamuta, Masamichi. Method and apparatus for manufacturing bean curd. 4,534,283, 8-13-85, Cl. 99-468.000.
Nakamuta, Shozo, to Pioneer Video Corporation. Method for recording information on a recording disc. 4,550,347, 10-29-85, Cl. 358-338.000.
Nakane, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Amplifier. 4,531,099, 7-23-85, Cl. 330-267.000.
Nakane, Hiroshi: *See—*
  Todokoro, Shigeru; Nakane, Hiroshi; and Maeda, Satoru, 4,520,469, Cl. 369-44.000.
Nakane, Hisanori: *See—*
  Ikegami, Yoshihiko; Kurihara, Kozo; Ichikawa, Izuo; and Nakane, Hisanori, 4,533,562, Cl. 427-3.000.
  Kurihara, Kozo; Ichikawa, Izuo; Nakane, Hisanori; and Ikegami, Yoshihiko, 4,497,847, Cl. 427-3.000.
Nakane, Hisashi: *See—*
  Aoyama, Toshimi; Tohda, Hiroyuki; Kato, Kazuo; and Nakane, Hisashi, 4,557,996, Cl. 430-324.000.
  Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,239, Cl. 219-121.0PG.
  Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,242, Cl. 219-121.0PG.
Nakane, Katsumi: *See—*
  Araki, Hidejiro; Nakane, Katsumi; and Otani, Susumu, 4,548,029, Cl. 57-267.000.
Nakane, Kazuhiro: *See—*
  Hirahara, Takuho; Sano, Fumiaki; Ishijima, Koji; Kawaguchi, Susumu; and Nakane, Kazuhiro, 4,560,329, Cl. 418-47.000.
Nakane, Keiichi; Kamiuchi, Toshiro; and Nakanishi, Hiroaki, to Hitachi, Ltd. Method of processing an operating system in a multi-processor system. 4,494,188, 1-15-85, Cl. 364-200.000.
Nakane, Masami, to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane substituted oxamide prostaglandin analogs and their use in treating thrombolytic disease. 4,526,901, 7-2-85, Cl. 514-469.000.
Nakane, Masami, to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane substituted enaminone prostaglandin analogs and their use in treatment of thrombolytic disease. 4,533,673, 8-6-85, Cl. 514-469.000.
Nakane, Masao; Takahashi, Motohiko; and Ogawa, Takaki, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Load condition indicating method and apparatus for forklift truck. 4,511,974, 4-16-85, Cl. 364-463.000.
Nakane, Shuji: *See—*
  Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, 4,506,266, Cl. 343-715.000.
Nakane, Takeshi; and Nakagawa, Katsumi, to Aisin Seiki Kabushiki Kaisha. Pressure sensor. 4,500,864, 2-19-85, Cl. 338-4.000.
Nakane, Takeshi: *See—*
  Miyagawa, Seiichi; and Nakane, Takeshi, 4,525,670, Cl. 324-208.000.
Nakane, Yasuaki; Akamatsu, Junichi; Sakamoto, Susumu; and Kiyomiya, Tadashi, to Sony Corporation. Information recording medium. 4,525,412, 6-25-85, Cl. 428-199.000.
Nakane, Yasuo: *See—*
  Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.
Nakanishi, Akira: *See—*
  Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yunji; and Nakanishi, Akira, 4,551,169, Cl. 71-94.000.
  Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.
  Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.
Nakanishi Dental Mfg., Co., Ltd.: *See—*
  Nakanishi, Takasuke, 4,493,645, Cl. 433-127.000.
  Nakanishi, Takasuke, 4,533,324, Cl. 433-132.000.
Nakanishi, Haruo: *See—*
  Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, 4,547,274, Cl. 204-129.400.

- Nakanishi, Hikaru, to Mitsubishi Rayon Co., Ltd.; and Senko Medical Instrument Mfg. Co., Ltd. Hydrophilized membrane of porous hydrophobic material and process of producing same. 4,501,785, 2-26-85, Cl. 428-195.000.
- Nakanishi, Hiroaki: *See—*
  - Fukunaga, Yasushi; Bandoh, Tadaaki; Hirasawa, Kotaro; Matsumoto, Hidekazu; Ide, Jushi; Katoh, Takeshi; Nakanishi, Hiroaki; Kawakami, Tetsuya; and Hiraoka, Ryosei, 4,530,050, Cl. 364-200.000.
  - Kainaga, Masahiro; Sakoda, Kousuke; and Nakanishi, Hiroaki, 4,491,912, Cl. 364-200.000.
  - Nakane, Keiichi; Kamiuchi, Toshiro; and Nakanishi, Hiroaki, 4,494,188, Cl. 364-200.000.
- Nakanishi, Hiroshi: *See—*
  - Nakanishi, Yoshitaka; Nakanishi, Hiroshi; and Nakanishi, Takashi, 4,553,138, Cl. 340-584.000.
- Nakanishi, Hirotazu: *See—*
  - Mita, Tetsuo; Nakanishi, Hirotazu; Takase, Junji; Isayama, Katsuhiko; and Tani, Nobutaka, 4,507,469, Cl. 528-425.000.
- Nakanishi, Hirotoshi: *See—*
  - Yamachika, Hiroshi; and Nakanishi, Hirotoshi, 4,500,721, Cl. 549-362.000.
- Nakanishi, Hitoshi; and Ogura, Hiroyuki, to Yotsuami Limited. Fishing line knot. 4,550,938, 11-5-85, Cl. 289-1.200.
- Nakanishi, Kazuo: *See—*
  - Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.
  - Matsui, Isamu; Yamamoto, Yoshio; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimamoto, Akira, 4,544,107, Cl. 242-35.50A.
  - Uchida, Hiroshi; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimano, Akira, 4,545,551, Cl. 242-35.50A.
- Nakanishi, Kazuyoshi: *See—*
  - Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.
- Nakanishi, Keiichirou: *See—*
  - Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.
- Nakanishi, Kiyoshi; and Okumura, Takeshi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Helically-shaped intake port of an internal combustion engine. 4,519,346, 5-28-85, Cl. 123-188.00M.
- Nakanishi, Kiyoshi: *See—*
  - Kanda, Mutsumi; Nakanishi, Kiyoshi; Inoue, Tokuta; and Nakajima, Mikio, 4,499,868, Cl. 123-188.00M.
  - Kanda, Mutsumi; Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,505,233, Cl. 123-41.350.
  - Kanda, Mutsumi; Inoue, Tokuta; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,506,632, Cl. 123-41.350.
  - Kanda, Mutsumi; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,530,312, Cl. 123-41.350.
  - Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,520,783, Cl. 123-492.000.
  - Okumura, Takeshi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,502,432, Cl. 123-188.00M.
  - Okumura, Takeshi; Nakanishi, Kiyoshi; Kanda, Mutsumi; Kotani, Takeshi; and Inoue, Tokuta, 4,503,819, Cl. 123-188.00M.
  - Okumura, Takeshi; Nakanishi, Kiyoshi; and Nakajima, Mikio, 4,516,544, Cl. 123-188.00M.
  - Okumura, Takeshi; Warashina, Tomio; and Nakanishi, Kiyoshi, 4,550,699, Cl. 123-308.000.
- Nakanishi, Koichiro; and Hiratani, Hajime, to Japan Chemical Research Co., Ltd. Process for preparing a heat-stable aqueous solution of human urine kallikrein and product prepared. 4,500,514, 2-19-85, Cl. 424-94.000.
- Nakanishi, Koichiro; and Hiratani, Hajime, to Japan Chemical Research Co., Ltd. Process for concentrating and purifying human urinary kallikrein. 4,510,248, 4-9-85, Cl. 435-226.000.
- Nakanishi, Masahiro, to Kabushiki Kaisha Bandai. Releasable joint structure. 4,504,167, 3-12-85, Cl. 403-325.000.
- Nakanishi, Masayuki; Tsuruzoe, Hirohisa; Sato, Humiyuki; and Hashimoto, Tokuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Cathode ray tube provided with a potted base. 4,504,763, 3-12-85, Cl. 313-318.000.
- Nakanishi, Masayuki, to Idemitsu Kosan Company Limited. Refrigeration oil composition. 4,510,062, 4-9-85, Cl. 252-45.000.
- Nakanishi, Masayuki: *See—*
  - Ikegaki, Makoto; Nakanishi, Masayuki; Sato, Humiyuki; and Hashimoto, Tokuo, 4,560,900, Cl. 313-479.000.
- Nakanishi Metal Works Co., Ltd.: *See—*
  - Wakabayashi, Takao, 4,498,399, Cl. 104-96.000.
  - Wakabayashi, Takao, 4,542,698, Cl. 104-172.00B.
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  - Shioi, Keiko; and Nakanishi, Mikihiko, 4,525,215, Cl. 106-22.000.
- Nakanishi, Mutsuo: *See—*
  - Kelly, Gordon E.; Merrell, Richard G.; and Nakanishi, Mutsuo, 4,503,462, Cl. 358-122.000.
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  - Kozakai, Asao; Watanabe, Shingo; and Nakanishi, Nobuyasu, 4,492,414, Cl. 303-116.000.
  - Nogami, Takahiro; Akahori, Shigetaka; Oohori, Harumi; and Nakanishi, Nobuyasu, 4,497,395, Cl. 192-4.00A.
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  - Takagaki, Hidetsugu; Nakanishi, Shigenori; Tanaka, Yasuyuki; Watanabe, Michihiro; and Yonehara, Yoriko, 4,525,303, Cl. 260-239.55R.
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  - Nakanishi, Yoshitaka; Nakanishi, Hiroshi; and Nakanishi, Takashi, 4,553,138, Cl. 340-584.000.
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- Nakanishi, Teruo: *See—*
  - Nakano, Jun; Nakanishi, Teruo; and Kimura, Kazuhiko, 4,515,977, Cl. 549-468.000.
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  - Yoshizumi, Hajime; Toyoshima, Kumao; Hakura, Akira; and Nakanishi, Toshihiro, 4,497,799, Cl. 514-9.000.
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  - Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.
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  - Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.
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  - Furuno, Nobuo; Ota, Yoshio; Itai, Masahiro; Tokuyama, Akio; and Nakano, Eiichi, 4,501,649, Cl. 204-181.00R.
  - Sando, Yoshikazu; Nakano, Eiichi; and Ishidoshiro, Hiroshi, 4,500,318, Cl. 8-111.000.
  - Sando, Yoshikazu; and Nakano, Eiichi, 4,516,283, Cl. 8-149.100.
- Nakano, Fumio: *See—*
  - Nagae, Yoshiharu; Isogai, Masato; Kawakami, Hideaki; and Nakano, Fumio, 4,508,429, Cl. 350-350.00S.
- Nakano, Gregory: *See—*
  - Wilger, John F.; Nakano, Gregory; and Berman, William A., 4,513,542, Cl. 51-241.00S.
- Nakano, Gregory S.: *See—*
  - Wilger, John F.; Nakano, Gregory S.; Orillo, Stephen, Jr.; and Cazinha, John R., 4,534,135, Cl. 51-241.00S.
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  - Sakai, Kango; and Nakano, Hirohumi, 4,491,506, Cl. 204-28.000.
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- Nakano, Hisaji: *See—*
  - Aramaki, Minoru; Kobayashi, Yoshiyuki; Nakamura, Tamio; Nakano, Hisaji; and Suenaga, Takashi, 4,543,242, Cl. 423-406.000.
  - Kita, Yasushi; Moroi, Shirou; Sakanoue, Akira; and Nakano, Hisaji, 4,500,678, Cl. 252-58.000.
- Nakano, Jiro; Ishibashi, Takao; Akatsuka, Takao; and Takata, Mamoru, to Toyota Jidosha Kabushiki Kaisha. Method and system for internal combustion engine oxygen sensor heating control, synchronizing

heater voltage detection with heater energization, and calculating power loss. 4,561,402, 12-31-85, Cl. 123-489.000.

Nakano, Jun; Nakanishi, Teruo; and Kimura, Kazuhiko, to Kaken Pharmaceutical Co., Ltd. Process for preparing optically active [S]-2-acetyl-7-(2-hydroxy-3-isopropylaminopropoxy)benzofuran and salts thereof. 4,515,977, 5-7-85, Cl. 549-468.000.

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Nakano, Junsuke: *See—*
- Masui, Takeshi; and Nakano, Junsuke, 4,528,830, Cl. 72-16.000.

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- Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, 4,503,907, Cl. 165-133.000.

Nakano, Kazuhiro: *See—*
- Hirauchi, Yukio; Nakano, Kazuhiro; and Harada, Toyohei, 4,549,523, Cl. 126-97.000.

Nakano, Kazumi, to Nippon Electric Co., Ltd. Mail-article tracing apparatus. 4,499,372, 2-12-85, Cl. 250-223.00R.

Nakano, Keiji: *See—*
- Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.

Nakano, Kenichi: *See—*
- Berenz, John J.; and Nakano, Kenichi, 4,537,654, Cl. 156-644.000.
- McIver, George W.; Nakano, Kenichi; and Berenz, John J., 4,507,845, Cl. 29-571.000.

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Nakano, Kenji; Takahashi, Takao; Moriwaki, Hisayoshi; and Shimada, Keiichiro, to Sony Corporation. Video tape recorder for re-recording audio signals. 4,533,963, 8-6-85, Cl. 360-19.100.

Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, to Sony Corporation. Method and apparatus for compensating for tape jitter during recording and reproducing of a video signal and PCM audio signal. 4,549,229, 10-22-85, Cl. 360-8.000.

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- Morio, Minoru; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,542,419, Cl. 360-19.100.
- Odaka, Kentaro; Sako, Yoichiro; Kojima, Yuichi; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,562,578, Cl. 371-40.000.
- Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, 4,500,822, Cl. 318-314.000.
- Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, 4,506,202, Cl. 318-603.000.
- Yoneyama, Shigeyuki; Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,542,418, Cl. 360-19.100.

Nakano, Kozo, to Kabushiki Kaisha Morita Seisakusho. Radiographic apparatus for photographing entire jaws. 4,495,632, 1-22-85, Cl. 378-40.000.

Nakano, Kunimitsu; Chuzawa, Takaaki; and Ohmuro, Masaru, to Matsushita Electric Works, Ltd. Circuit breaker. 4,514,709, 4-30-85, Cl. 335-201.000.

Nakano, Masaaki: *See—*
- Tomioka, Shunzo; Nakano, Masaaki; Okano, Kinpei; Shimizu, Kousaku; and Yoda, Hiroaki, 4,545,741, Cl. 417-365.000.

Nakano, Masahiro: *See—*
- Hashimoto, Shintaro; Masuzawa, Sigeaki; Shibata, Shinya; Tsuda, Hiroshi; and Nakano, Masahiro, 4,500,211, Cl. 368-63.000.

Nakano, Masaki: *See—*
- Shinkai, Kouki; Hagiwara, Naoki; and Nakano, Masaki, 4,540,915, Cl. 313-486.000.

Nakano, Masao: *See—*
- Nakano, Tomio; Nakano, Masao; and Ogawa, Junji, 4,545,037, Cl. 365-205.000.
- Tsuge, Norihisa; Nakano, Tomio; and Nakano, Masao, 4,503,339, Cl. 307-296.00R.

Nakano, Masateru: *See—*
- Nishitani, Yoshihisa; Nakano, Masateru; and Yamamoto, Yoshihito, 4,562,493, Cl. 360-74.100.

Nakano, Motoo, to Fujitsu Limited. Semiconductor memory device. 4,538,166, 8-27-85, Cl. 357-23.600.

Nakano, Motoo, to Fujitsu Limited. Semiconductor device for memory cell. 4,541,074, 9-10-85, Cl. 365-178.000.

Nakano, Motoo: *See—*
- Kamioka, Hajime; Takagi, Mikio; Sato, Noriaki; Nakano, Motoo; and Iwai, Takashi, 4,503,315, Cl. 219-121.0LE.

Nakano, Shinji: *See—*
- Oda, Shoji; Ehara, Kunihiko; Umemoto, Hirotoshi; and Nakano, Shinji, 4,501,829, Cl. 523-400.000.
- Umemoto, Hirotoshi; Tanabe, Hisaki; Yamada, Mitsuo; and Nakano, Shinji, 4,501,863, Cl. 525-443.000.
- Umemoto, Hirotoshi; Tanabe, Hisaki; and Nakano, Shinji, 4,535,128, Cl. 525-162.000.

Nakano, Takaharu; Mochizuki, Akihiro; Nakazato, Morikuni; and Tsuneno, Tatsuro, to Karonite Chemical Co., Ltd. Lubricating oil compositions. 4,530,771, 7-23-85, Cl. 252-49.600.

Nakano, Takayuki: *See—*
- Sakashita, Takeshi; Inagaki, Hajime; Todo, Akira; and Nakano, Takayuki, 4,526,920, Cl. 524-850.000.
- Sakashita, Takeshi; and Nakano, Takayuki, 4,548,689, Cl. 204-159.230.

Nakano, Takuo: *See—*
- Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.
- Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.

Nakano, Tatsuo: *See—*
- Asai, Shinichiro; Katoh, Kazuo; and Nakano, Tatsuo, 4,521,476, Cl. 428-209.000.

Nakano, Teruo; and Hirata, Akio, to Tokyo Shibaura Denki Kabushiki Kaisha. Controlling device for a brushless motor. 4,496,893, 1-29-85, Cl. 318-721.000.

Nakano, Teruo; Ohtani, Hideji; Miyawaki, Kunio; and Mogi, Shigeo, to Hitachi Zosen Corporation. Method of controlling robotic automatic welding apparatus. 4,538,047, 8-27-85, Cl. 219-125.100.

Nakano, Tetuo: *See—*
- Fujimoto, Yuji; Aono, Masayuki; Nakano, Tetuo; and Nakabayashi, Teiji, 4,542,783, Cl. 165-30.000.

Nakano, Tomio; Nakano, Masao; and Ogawa, Junji, to Fujitsu Limited. Dynamic semiconductor memory device with balanced sensing arrangement. 4,545,037, 10-1-85, Cl. 365-205.000.

Nakano, Tomio: *See—*
- Nozaki, Shigeki; Takemae, Yoshihiro; and Nakano, Tomio, 4,511,997, Cl. 365-189.000.
- Takemae, Yoshihiro; Nakano, Tomio; and Ohira, Tsuyoshi, 4,532,613, Cl. 365-230.000.
- Tsuge, Norihisa; Nakano, Tomio; and Nakano, Masao, 4,503,339, Cl. 307-296.00R.

Nakano, Tsunetomo; Yasuno, Hiroshi; and Nishio, Kazuaki, to UBE Industries, Ltd. Organic solvent-soluble photosensitive polyimide resin. 4,558,117, 12-10-85, Cl. 528-184.000.

Nakano, Tsuyoshi: *See—*
- Sato, Atsushige; Miura, Ishi; Kumei, Yasuhiro; Okuno, Osamu; Nakano, Tsuyoshi; and Yoshida, Bunsaku, 4,528,034, Cl. 75-255.000.

Nakano Vinegar Co., Ltd.: *See—*
- Fujiyama, Seiichi; Minakami, Hiroyuki; and Masai, Hiroshi, 4,514,563, Cl. 536-123.000.

Nakano, Walter S.: *See—*
- Halford, Wayne R.; and Nakano, Walter S., 4,513,967, Cl. 273-108.000.

Nakano, Yoshikatsu; Matsuura, Masaaki; and Akiyama, Minoru, to Honda Giken Kogyo Kabushiki Kaisha. Intake device for an engine. 4,497,288, 2-5-85, Cl. 123-52.00M.

Nakano, Yoshikatsu; and Matsuura, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Valve disabling device for internal combustion engines. 4,535,732, 8-20-85, Cl. 123-90.160.

Nakano, Yoshikatsu; and Matsuura, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Method and apparatus for the control of valve operations in internal combustion engine. 4,545,342, 10-8-85, Cl. 123-198.00F.

Nakano, Yoshikatsu: *See—*
- Honda, Shoichi; Nakano, Yoshikatsu; Makota, Hirano; and Matsuura, Masaaki, 4,523,550, Cl. 123-90.160.
- Honda, Shoichi; Nakano, Yoshikatsu; Hirano, Makoto; and Matsuura, Masaaki, 4,537,165, Cl. 123-90.160.
- Matsuura, Masaaki; and Nakano, Yoshikatsu, 4,515,121, Cl. 123-198.00F.

Nakano, Yoshio; and Tonda, Masao, to Nippon Gohsei Kagaku Kogyo Kabushiki Kaisha. Process for forming photoresist images. 4,528,262, 7-9-85, Cl. 430-325.000.

Nakano, Yoshio: *See—*
- Kanada, Shigeyasu; Mizuno, Shigeo; and Nakano, Yoshio, 4,529,143, Cl. 242-107.000.
- Kanada, Shigeyasu; Mizuno, Shigeo; Nakano, Yoshio; and Nishimura, Yuji, 4,546,933, Cl. 242-107.000.

Nakano, Yoshiyuki; and Maida, Osamu, to Nippon Kogaku K.K. Motor driven camera. 4,538,893, 9-3-85, Cl. 354-412.000.

Nakano, Yoshiyuki, to Nippon Kogaku K.K. Shutter mechanism of a camera. 4,540,260, 9-10-85, Cl. 354-173.100.

Nakano, Yoshiyuki: *See—*
- Hasegawa, Hiroshi; Nakano, Yoshiyuki; and Tanabe, Yoshiaki, 4,491,404, Cl. 354-416.000.
- Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, 4,549,208, Cl. 358-108.000.

Nakanome, Takemi: *See—*
- Imaki, Naoshi; and Nakanome, Takemi, 4,499,306, Cl. 568-348.000.

Nakanose, Megumi: *See—*
- Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, 4,503,314, Cl. 219-121.0ED

Nakao, Etsuro: *See—*
- Tamura, Tadashi; Nakao, Etsuro; and Yamazaki, Hiroaki, 4,551,402, Cl. 429-254.000.

Nakao, Hisao: *See—*

Noda, Ichiro; Suekane, Yasuhiro; and Nakao, Hisao, 4,512,889, Cl. 210-225.000.

Nakao, Kazushige; Ikeuchi, Masaki; Ozaki, Eiichi; and Yumikura, Tsuneo, to Mitsubishi Denki Kabushiki Kaisha. Steam generating and condensing apparatus. 4,545,217, 10-8-85, Cl. 62-476.000.

Nakao, Kenji: *See—*

Koga, Yoshiro; and Nakao, Kenji, 4,555,751, Cl. 363-44.000.

Nakao, Makoto: *See—*

Takasu, Ryo; and Nakao, Makoto, 4,517,146, Cl. 264-40.600.

Nakao, Masafumi: *See—*

Morimoto, Isao; Nakao, Masafumi; and Mori, Koichi, 4,531,183, Cl. 346-135.100.

Nakao, Masakazu: *See—*

Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, 4,541,473, Cl. 164-444.000.

Nakao, Masasi: *See—*

Ishido, Takao; Nakao, Masasi; Honya, Takao; and Mizuno, Yukio, 4,519,424, Cl. 139-91.000.

Nakao, Narutaka: *See—*

Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.

Nakao, Shin: *See—*

Kohara, Masanobu; Nakao, Shin; and Shibata, Hiroshi, 4,561,011, Cl. 356-81.000.

Nakao, Shinroku; Ishii, Yoshiyasu; and Matsuda, Hiroaki, to Combi Co., Ltd. Baby chair. 4,500,133, 2-19-85, Cl. 297-131.000.

Nakao, Shinroku; Saito, Hideo; Kato, Hitoshi; Ishii, Yoshiyasu; and Matsuda, Hiroaki, to Combi Co., Ltd. Baby carriage. 4,538,830, 9-3-85, Cl. 280-647.000.

Nakao, Sho; Kunichika, Kenji; Ohishi, Chikashi; Iwai, Masato; and Iwamoto, Kiyoshi, to Fuji Photo Film Co., Ltd. Electrophotographic photoreceptor. 4,559,288, 12-17-85, Cl. 430-60.000.

Nakao, Sho: *See—*

Shiba, Keisuke; Yazawa, Hiromi; Ohishi, Chikashi; and Nakao, Sho, 4,500,618, Cl. 430-49.000.

Shiba, Keisuke; Fuchizawa, Tetsuro; Nakao, Sho; and Ohishi, Chikashi, 4,555,461, Cl. 430-49.000.

Nakao, Toru; Ikebe, Tsuguo; Tahara, Tetsuya; Maruyama, Yutaka; and Yaoka, Osamu, to Yoshitomi Pharmaceutical Industries, Ltd. Antihypertensive 9-aminomethyl-benzo[f]quinoline-3,10-dione derivatives. 4,543,354, 9-24-85, Cl. 514-238.000.

Nakao, Toshihiro, to Olympus Optical Co., Ltd. Accidental erasing preventative device for a cassette tape recorder. 4,513,330, 4-23-85, Cl. 360-60.000.

Nakao, Toshihiro, to Olympus Optical Company Limited. Head adjusting device. 4,550,352, 10-29-85, Cl. 360-109.000.

Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, to Lion Corporation; Kao Corporation; Mitsui Engineering & Shipbuilding Co., Ltd.; Electric Power Development Co., Ltd.; and Kawasaki Jukogyo Kabushiki Kaisha. Process for producing high-concentration slurry of coal. 4,500,041, 2-19-85, Cl. 241-16.000.

Nakaoka, Eiichi, to Shimadzu Corporation. Apparatus for electromagnetically detecting flaws in metallic objects. 4,507,610, 3-26-85, Cl. 324-238.000.

Nakaoka, Masaki: *See—*

Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.

Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.

Nakaoka, Seishi: *See—*

Kawai, Hideki; Nishihara, Hidetoshi; Nakaoka, Seishi; and Hamada, Koushi, 4,531,894, Cl. 417-312.000.

Nakaoki, Tokuzo, to Mitutoyo Mfg. Co., Ltd. Height gauge. 4,498,241, 2-12-85, Cl. 33-172.00R.

Nakaoki, Tokuzo: *See—*

Sakata, Hideo; and Nakaoki, Tokuzo, 4,507,895, Cl. 51-98.00R.

Nakaoki, Tooru, to Mutoh Industry Ltd. Digital measuring instruments. 4,528,682, 7-9-85, Cl. 377-24.000.

Nakarai, Toyoaki: *See—*

Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,542,061, Cl. 428-220.000.

Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,560,609, Cl. 428-220.000.

Nakase, Hiromi; Gotoh, Yasuhiro; and Ozawa, Kuniichi, to Matsushita Electric Industrial Co., Ltd. Torque ripple compensation circuit for a brushless D.C. motor. 4,525,657, 6-25-85, Cl. 318-254.000.

Nakase, Ryoichi, to Sanshin Kogyo Kabushiki Kaisha. Swivel bracket holding mechanism for marine propulsion device. 4,557,460, 12-10-85, Cl. 248-642.000.

Nakashima, Akio: *See—*

Imada, Yosinobu; and Nakashima, Akio, 4,550,348, Cl. 358-342.000.

Nakashima, Fujio; Enoki, Takashi; and Nakashima, Kazuto, to Hitachi, Ltd. Function switching system for an audio/video apparatus. 4,496,947, 1-29-85, Cl. 340-825.240.

Nakashima, Fujio: *See—*

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  Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285, Cl. 350-600.000.
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  Ryuzo, Mikami; and Nakasuji, Katsuyoshi, 4,546,018, Cl. 427-407.200.
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  Hayashi, Chihiro; and Nakasuji, Kazuyuki, 4,510,787, Cl. 72-368.000.
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  Kito, Tutomu; Nakasuji, Norikazu; Kataoka, Takashi; Inagaki, Hiroshi; and Shibahashi, Yutaka, 4,554,565, Cl. 346-201.000.
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Nakata, Hitoshi: *See—*
  Mori, Takasuke; Ayata, Kenzo; Miyazaki, Jun; Fujimoto, Takahiko; and Nakata, Hitoshi, 4,529,030, Cl. 164-468.000.
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Nakata, Issei: *See—*
  Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.
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  Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.
Nakata, Kiyotomo: *See—*
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Nakata, Nori; and Melanson, Joseph. Fish bait tier. 4,555,893, 12-3-85, Cl. 53-390.000.
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  Shimizu, Yasumi; and Nakata, Tetsuya, 4,530,994, Cl. 525-403.000.
Nakata, Tiaki: *See—*
  Nagasawa, Takashi; and Nakata, Tiaki, 4,496,685, Cl. 524-708.000.
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Nakata, Yasushi: *See—*
  Nishizaki, Tomoyoshi; Miyamoto, Minoru; Miyamoto, Kazuaki; Yoshida, Ken; Yamaji, Katsuhiko; and Nakata, Yasushi, 4,523,635, Cl. 165-104.120.
  Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.
Nakata, Yoshinobu: *See—*
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Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, to Hitachi, Ltd.; and Yagi Antenna Co., Ltd. Data communication system. 4,516,221, 5-7-85, Cl. 364-900.000.
Nakata, Yukio; and Shiotsu, Osamu, to Hitachi, Ltd.; and Yagi Antenna Co., Ltd. System for frequency modulation. 4,547,751, 10-15-85, Cl. 332-16.00R.
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Nakatani, Hiroshi; and Yamamoto, Hachizou, to Sharp Kabushiki Kaisha. Money information print control system. 4,511,891, 4-16-85, Cl. 340-734.000.
Nakatani, Kaname; Miyakawa, Nobuhiro; Higashiguchi, Teruaki; and Edo, Tomomi, to Mita Industrial Co., Ltd. Electrophotographic photosensitive material with ozone inhibitor. 4,524,118, 6-18-85, Cl. 430-56.000.
Nakatani, Kaname; Hanna, Junichi; and Kokado, Hiroshi, to Mita Industrial Co., Ltd. Laminated photosensitive material and process for production thereof. 4,536,461, 8-20-85, Cl. 430-58.000.
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Nakatani, Keiji; Yamagishi, Seiichi; and Ishii, Kenjiro, to Minolta Camera Kabushiki Kaisha. Roll film carrier used in reader or reader printer. 4,524,315, 6-18-85, Cl. 318-603.000.
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  Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, 4,552,894, Cl. 514-464.000.
Nakatani, Masayuki: *See—*
  Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,516,596, Cl. 137-240.000.
  Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,539,903, Cl. 99-470.000.
  Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,559,963, Cl. 137-1.000.
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  Takahashi, Hideo; and Nakatani, Mitsuo, 4,517,490, Cl. 313-502.000.
Nakatani, Nobuyuki, to Olympus Optical Co., Ltd. Video camera apparatus. 4,550,343, 10-29-85, Cl. 358-229.000.
Nakatani, Tokuji: *See—*
  Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,500,452, Cl. 260-112.50R.
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  Sato, Mitomu; Nakatani, Toshikazu; Yamashita, Katsumi; and Ogata, Terumi, 4,541,145, Cl. 24-19.000.
Nakate, Hiroshi; Kondo, Masatoshi; and Gosho, Nobuyuki, to Sumitomo Metal Industries, Ltd. Production of electrical resistance welded steel tubes with welds having improved toughness. 4,523,072, 6-11-85, Cl. 219-67.000.
Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, to Kawasaki Steel Corporation; and Sakai Chemical Industry Co., Ltd. Mold additives for use in continuous casting. 4,508,571, 4-2-85, Cl. 106-38.280.
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Nakatomi, Yoshitsugu: *See—*
  Murakami, Reiji; Uchida, Kohachi; Nakatomi, Yoshitsugu; and Takahashi, Tomohiko, 4,506,972, Cl. 355-3.0DD.
  Yokoo, Makoto; Nakatomi, Yoshitsugu; and Hashimoto, Shinichi, 4,523,831, Cl. 355-3.00R.
Nakatsugawa, Kenji; and Itaya, Hiroshi, to Anritsu Electric Company Limited. Phase difference detector with phase inversion of one input signal when phase difference is small. 4,520,321, 5-28-85, Cl. 328-133.000.
Nakatsugawa, Kenji: *See—*
  Itaya, Hiroshi; and Nakatsugawa, Kenji, 4,504,906, Cl. 364-200.000.
Nakatsuji, Fumio: *See—*
  Ishitobi, Yoshimitsu; Fujii, Kouhei; and Nakatsuji, Fumio, 4,500,867, Cl. 338-128.000.
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  Yasui, Toru; and Nakatsuji, Haruo, 4,517,494, Cl. 315-85.000.

- Nakatsuji, Hiroshi: *See—*
  - Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, 4,540,773, Cl. 528-480.000.
- Nakatsuji, Tadao: *See—*
  - Abe, Kazunobu; and Nakatsuji, Tadao, 4,520,124, Cl. 502-159.000.
- Nakatsuka, Iwao; Eckelman, William; and Rzeszotarski, Waclaw J., to George Washington University. Process for preparing iodovinylestradiol. 4,541,957, 9-17-85, Cl. 260-397.200.
- Nakatsuka, Saori: *See—*
  - Kato, Yasushi; Furukawa, Hisao; and Nakatsuka, Saori, 4,503,181, Cl. 524-391.000.
- Nakatsukasa, Walter M.; and Mabe, James A., to Eli Lilly and Company. Functionally independent cloning vectors for use in streptomyces. 4,513,085, 4-23-85, Cl. 435-253.000.
- Nakatsuyama, Takashi: *See—*
  - Teranishi, Hiroshi; Nakatsuyama, Takashi; and Inagaki, Masaomi, 4,549,233, Cl. 360-90.000.
- Nakauchi, Kenji, to Fuji Photo Film Co., Ltd. System for recording information on photographic image density and process. 4,551,023, 11-5-85, Cl. 356-444.000.
- Nakaya, Hiroshi: *See—*
  - Saito, Yoshikazu; and Nakaya, Hiroshi, 4,539,486, Cl. 307-34.000.
- Nakaya, Hisashi: *See—*
  - Masuda, Shunji; Nakaya, Hisashi; and Okazaki, Katumi, 4,556,026, Cl. 123-198.00F.
- Nakaya, Keiichi; and Sato, Kunio, to Asahi Glass Company Ltd. Process for producing calcium hypochlorite hydrate crystals. 4,521,397, 6-4-85, Cl. 423-474.000.
- Nakaya, Keiichi: *See—*
  - Suzuki, Kaichiro; Nakaya, Keiichi; Gotoh, Tomohiro; Kitasako, Masayuki; and Iwasaki, Masaharu, 4,491,571, Cl. 423-485.000.
- Nakaya, Mitihiko: *See—*
  - Takematsu, Tetsuo; Nakaya, Mitihiko; Moriyasu, Koichi; and Komoto, Nobuo, 4,517,381, Cl. 564-207.000.
- Nakaya, Mitsuo: *See—*
  - Kajigaya, Shinichi; and Nakaya, Mitsuo, 4,515,502, Cl. 405-215.000.
- Nakaya, Shyunichi; and Nakamura, Hiroyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Valve mechanism for low temperature applications. 4,516,599, 5-14-85, Cl. 137-375.000.
- Nakaya, Tomio: *See—*
  - Kajita, Masaki; Nakaya, Tomio; Hasegawa, Shinichi; and Fujita, Hisanori, 4,510,515, Cl. 357-17.000.
- Nakaya, Toshiharu: *See—*
  - Ihikura, Shinichi; Kanda, Kazunori; and Nakaya, Toshiharu, 4,510,275, Cl. 523-412.000.
- Nakayama, Akira: *See—*
  - Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,504,305, Cl. 71-98.000.
- Nakayama, Hideo: *See—*
  - Tsutomu, Kimura; Nakayama, Hideo; and Fuseda, Yuichi, 4,538,179, Cl. 358-166.000.
- Nakayama, Jingo: *See—*
  - Yamamura, Yukio; Nakayama, Jingo; Ikeda, Atsunobu; and Kawamoto, Takashi, 4,534,590, Cl. 297-180.000.
- Nakayama, Kazuaki, to Pioneer Electronic Corporation. Low noise power amplifier circuit. 4,500,849, 2-19-85, Cl. 330-300.000.
- Nakayama, Kazuaki, to Pioneer Electronic Corporation. Emitter follower type SEPP circuit. 4,520,323, 5-28-85, Cl. 330-268.000.
- Nakayama, Kazuaki, to Pioneer Electronic Corporation. Bias current compensated amplifier. 4,521,740, 6-4-85, Cl. 330-267.000.
- Nakayama, Kazuaki, to Pioneer Electronic Corporation. Emitter-follower type SEPP circuit. 4,558,288, 12-10-85, Cl. 330-268.000.
- Nakayama, Kazuo: *See—*
  - Sakuragi, Toshio; Nakayama, Kazuo; Sato, Masaaki; and Koike, Mitsuhiro, 4,554,835, Cl. 73-640.000.
- Nakayama, Keiko: *See—*
  - Takayama, Hiroaki; Yamada, Sachiko; Nakayama, Keiko; and Suda, Tatsuo, 4,517,125, Cl. 260-397.200.
- Nakayama, Kengo: *See—*
  - Yashima, Michio; Komatsu, Akihiro; Takanashi, Masami; Hirose, Masashi; and Nakayama, Kengo, 4,508,944, Cl. 200-61.850.
- Nakayama, Kenichiro: *See—*
  - Suzuki, Takanobu; Nakayama, Kenichiro; Takahashi, Izumi; and Sugiyama, Terumasa, 4,554,662, Cl. 371-20.000.
  - Takahashi, Izumi; Nakayama, Kenichiro; Sugiyama, Terumasa; and Suzuki, Takanobu, 4,499,580, Cl. 371-17.000.
- Nakayama, Kenji: *See—*
  - Makabe, Takayoshi; Kuraishi, Yoshiaki; Nakayama, Kenji; and Kimura, Tadakatsu, 4,498,063, Cl. 333-173.000.
- Nakayama, Kenjiro: *See—*
  - Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro, 4,498,170, Cl. 370-110.100.
- Nakayama, Kiyoshi, to Murakami Kaimeido Co., Ltd. Multi-position electric switch. 4,499,342, 2-12-85, Cl. 200-5.00E.
- Nakayama, Kiyoshi, to Asahi Wire Nets & Steel Ltd. Fence of wire latticework. 4,558,851, 12-17-85, Cl. 256-24.000.
- Nakayama, Kiyoshi: *See—*
  - Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.
- Nakayama, Koichi; and Tanaka, Yoshito, to Toko, Inc. Current injection type logical operation circuit arrangement including a I^2L circuit device comprising I^2L elements. 4,531,065, 7-23-85, Cl. 307-200.00A.
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- Nakayama, Masatoshi; and Izumi, Toshiaki, to TDK Corporation. Magnetic recording medium having an organic metal underlayer. 4,548,864, 10-22-85, Cl. 428-336.000.
- Nakayama, Michio; Tajima, Osamu; Matsui, Seiji; Yoshikoshi, Hideyuki; and Fukuyo, Hiroshi, to Nippon Kokan Kabushiki Kaisha. Method and apparatus for manufacturing non-fired iron-bearing pellet. 4,515,351, 5-7-85, Cl. 266-177.000.
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- Nakayama, Mitsuru: *See—*
  - Okuda, Jun; Miwa, Ichitomo; Inagaki, Kazuhiro; Horie, Tokunaru; and Nakayama, Mitsuru, 4,532,254, Cl. 514-456.000.
- Nakayama, Muneo, to Tokyo Denshi Kagaku Kabushiki Kaisha. Thin-film coating apparatus. 4,528,934, 7-16-85, Cl. 118-52.000.
- Nakayama, Muneo, to Tokyo Denshi Kagaku Co., Ltd. Solution-dropping nozzle device. 4,542,710, 9-24-85, Cl. 118-52.000.
- Nakayama, Muneo: *See—*
  - Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,239, Cl. 219-121.0PG.
  - Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,242, Cl. 219-121.0PG.
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  - Masuda, Kosaku; Miyagi, Kaoru; Katoh, Katsunori; Nakayama, Noritaka; Kimura, Toshihiko; and Kawakatsu, Satoshi, 4,562,146, Cl. 430-546.000.
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  - Nakahori, Ichiro; Nakayama, Shigeki; Maeda, Mitsuo; Yamauchi, Shiro; and Ozawa, Junichiro, 4,517,849, Cl. 73-863.310.
  - Tabata, Norikazu; Nakayama, Shigeki; Namba, Keisuke; and Yamauchi, Shiro, 4,552,659, Cl. 210-177.000.
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- Nakayama, Shozo: *See—*
  - Yoshimura, Tatsushiro; Terada, Tsutomu; and Nakayama, Shozo, 4,503,179, Cl. 524-262.000.
- Nakayama, Sumio: *See—*
  - Hirano, Masahiro; and Nakayama, Sumio, 4,530,489, Cl. 267-34.000.
  - Honma, Kenji; Asami, Toshio; Baba, Masayuki; and Nakayama, Sumio, 4,515,384, Cl. 280-276.000.
- Nakayama, Tadakazu; Tsuruoka, Ryozo; and Matsumoto, Masaki, to Hitachi, Ltd. Monitoring system for monitoring state of nuclear reactor core. 4,495,142, 1-22-85, Cl. 376-251.000.
- Nakayama, Taesuke; and Konishi, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Flywheel device with compensation for non parallel plates. 4,538,079, 8-27-85, Cl. 310-74.000.
- Nakayama, Takao, to Fuji Photo Film Co., Ltd. Method for preparing a lithographic printing plate and a light-sensitive material used therefor. 4,500,617, 2-19-85, Cl. 430-49.000.
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  - Takahata, Kei; Murasawa, Sadao; Ichida, Hiroshi; Okada, Mizuho; and Nakayama, Takao, 4,525,441, Cl. 430-46.000.
- Nakayama, Takashi; Kajita, Kohji; and Yamagata, Selichi, to Toray Industries, Inc. Multicolored yarn and method. 4,495,761, 1-29-85, Cl. 57-328.000.
- Nakayama, Takashi: *See—*
  - Kajita, Koji; Nakayama, Takashi; and Yamagata, Seiichi, 4,509,321, Cl. 57-328.000.

Nakayama, Takeshi; Kurosu, Masaaki; Ohshima, Yoshimitsu; Fujikata, Kenji; Uchida, Shigeru; and Nakajima, Akira, to Hitachi, Ltd. Method and apparatus for key-inputting Kanji. 4,531,119, 7-23-85, Cl. 340-712.000.
Nakayama, Takeshi: *See—*
  Kurosu, Masaaki; Nakayama, Takeshi; Nakajima, Akira; and Ohshima, Yoshimitsu, 4,543,631, Cl. 364-200.000.
Nakayama, Toshikazu, to Kirin Beer Kabushiki Kaisha. Article holding apparatus of rotary type. 4,511,025, 4-16-85, Cl. 198-377.000.
Nakayama, Toyoo: *See—*
  Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Nunomura, Shigeki; Sakurai, Yojiro; and Okutome, Toshiyuki, 4,496,584, Cl. 514-510.000.
  Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Sakurai, Yojiro; Nunomura, Shigeki; and Okutome, Toshiyuki, 4,514,416, Cl. 549-442.000.
  Fujii, Setsuro; Okutome, Toshiyuki; Nakayama, Toyoo; Yaegashi, Takashi; and Kurumi, Masateru, 4,532,255, Cl. 514-466.000.
Nakayama, Wataru: *See—*
  Nakajima, Tadakatsu; Nakayama, Wataru; and Daikoku, Takahiro, 4,520,866, Cl. 165-115.000.
  Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
Nakayama, Yasuaki; and Kamiyama, Yasuo, to Citizen Watch Co., Ltd. Correction system for hands display type of electronic timepiece. 4,526,476, 7-2-85, Cl. 368-189.000.
Nakayama, Yasunobu; Sato, Yasuji; and Kunii, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Telephonic display device. 4,511,764, 4-16-85, Cl. 179-90.0AN.
Nakayama, Yasunobu; Kunii, Takeshi; and Sato, Yasuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Telephone apparatus capable of inputting character data. 4,532,378, 7-30-85, Cl. 179-2.0DP.
Nakayama, Yasuo; Miyazaki, Wasei; and Shinohara, Masanao, to Otsuka Pharmaceutical Co., Ltd. Urokinase-plasmin complex adsorbable by fibrin and process for preparing same. 4,545,988, 10-8-85, Cl. 424-94.000.
Nakayama, Yasuo: *See—*
  Miyazaki, Wasei; Sato, Tsuneo; Nakayama, Yasuo; and Sato, Tadao, 4,536,391, Cl. 424-94.000.
Nakayama, Yutaka: *See—*
  Yamada, Tetsusyo; and Nakayama, Yutaka, 4,498,968, Cl. 204-412.000.
Nakayashiki, Susumu; Nakada, Isao; Kida, Masahiko; Hashimoto, Toyokazu; and Yagyu, Kazuo, to Hitachi, Ltd. Method and system of loop transmission. 4,495,595, 1-22-85, Cl. 364-900.000.
Nakayashiki, Susumu; Kida, Masahiko; and Hashimoto, Toyokazu, to Hitachi, Ltd. Method and apparatus for switching loop type transmission lines. 4,506,357, 3-19-85, Cl. 370-16.000.
Nakazaki, Osamu: *See—*
  Ito, Toshio; Futakawa, Akemi; and Nakazaki, Osamu, 4,530,477, Cl. 244-153.00R.
Nakazaki, Takamitsu: *See—*
  Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, 4,503,314, Cl. 219-121.0ED.
Nakazato, Katsuo: *See—*
  Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.
  Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.
  Tsuchiya, Hiroyoshi; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Otsuka, Hirotaka, 4,551,768, Cl. 358-283.000.
Nakazato, Kazuo, to Fuji Jukogyo Kabushiki Kaisha. System for controlling the air-fuel ratio supplied to an engine. 4,541,384, 9-17-85, Cl. 123-437.000.
Nakazato, Kazuo, to Fuji Jukogyo Kabushiki Kaisha. System for controlling the air-fuel ratio supplied to a supercharged engine. 4,558,680, 12-17-85, Cl. 123-559.000.
Nakazato, Kikuo: *See—*
  Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Ichikawa, Keiko; Nakazato, Kikuo; and Okada, Taiji, 4,528,372, Cl. 544-310.000.
Nakazato, Kouichi: *See—*
  Odaka, Yoshiyuki; Nakazato, Kouichi; and Tomita, Yoshifumi, 4,542,038, Cl. 427-68.000.
Nakazato, Kunio; and Ozawa, Kazuya, to Sony Corporation. Zoom lens operating mechanisms. 4,533,218, 8-6-85, Cl. 350-430.000.
Nakazato, Morikuni: *See—*
  Nakano, Takaharu; Mochizuki, Akihiro; Nakazato, Morikuni; and Tsuneno, Tatsuro, 4,530,771, Cl. 252-49.600.
Nakazato, Morizo: *See—*
  Okada, Fumio; Oba, Toshio; and Nakazato, Morizo, 4,496,687, Cl. 524-859.000.
Nakazato, Norio; Yoshimatsu, Sachihiro; Nawata, Makoto; and Masuda, Sadao, to Hitachi, Ltd. Air separation method and apparatus therefor. 4,530,708, 7-23-85, Cl. 62-13.000.
Nakazato, Seiichi: *See—*
  Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,553,682, Cl. 220-75.000.
  Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,556,354, Cl. 413-15.000.
Nakazato, Takuzo; Okuto, Koichiro; and Kai, Toshio, to Sumitomo Metal Industries, Ltd. Offshore structure and method of constructing same. 4,534,678, 8-13-85, Cl. 405-204.000.
Nakazato, Teiji. Griddle cleaning device. 4,516,870, 5-14-85, Cl. 401-146.000.
Nakazawa, Hayashi: *See—*
  Tsuboi, Nobuyoshi; Shima, Seiya; Kanasaki, Morio; and Nakazawa, Hayashi, 4,499,986, Cl. 198-322.000.
Nakazawa, Hideo: *See—*
  Suzuki, Akira; Oumi, Takeharu; Takamiya, Sanshiro; and Nakazawa, Hideo, 4,546,760, Cl. 128-1.00D.
Nakazawa, Hitoshi: *See—*
  Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, 4,556,623, Cl. 430-83.000.
Nakazawa, Kazuyoshi: *See—*
  Arakawa, Masatoshi; Yoshioka, Hayao; and Nakazawa, Kazuyoshi, 4,504,692, Cl. 585-633.000.
Nakazawa, Kiwao: *See—*
  Suwa, Kyoichi; Kuramochi, Kazuo; and Nakazawa, Kiwao, 4,531,060, Cl. 250-548.000.
Nakazawa, Koji: *See—*
  Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito, 4,511,095, Cl. 242-18.00G.
Nakazawa, Makoto: *See—*
  Yoshida, Kenji; Nakazawa, Makoto; Shike, Toyohiko; Tomida, Masayuki; Tsuda, Masataka; and Teraoka, Toru, 4,510,154, Cl. 514-365.000.
Nakazawa, Masami: *See—*
  Fujii, Kunihisa; Yoshino, Kosei; and Nakazawa, Masami, 4,539,543, Cl. 335-281.000.
Nakazawa, Shigeo: *See—*
  Arita, Masashi; and Nakazawa, Shigeo, 4,546,635, Cl. 72-345.000.
Nakazawa, Takahiro: *See—*
  Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi, 4,551,273, Cl. 260-112.50E.
Nakazawa, Terumi; Minorikawa, Hitoshi; and Kawakami, Kazuhiko, to Hitachi, Ltd. Electronic device for automobile. 4,546,412, 10-8-85, Cl. 361-395.000.
Nakazawa, Tetsuo: *See—*
  Tanigawa, Takatoshi; Yaegashi, Sakari; Nakazawa, Tetsuo; Hatazi, Masahiko; and Nango, Tadao, 4,506,041, Cl. 523-139.000.
Nakazawa, Yuzo; Ono, Kazuo; Tanaka, Masaki; Morita, Takao; and Kurosaki, Takefumi, to Toyo Communication Equipment Co., Ltd. High frequency narrow-band multi-mode filter. 4,542,356, 9-17-85, Cl. 333-195.000.
Nakazima, Hirosi: *See—*
  Namba, Kazuya; Yano, Kazuya; Nakazima, Hirosi; and Muraki, Yu, 4,527,699, Cl. 215-1.00C.
Nakazima, Ichiro: *See—*
  Nishihata, Kouji; Nakazima, Ichiro; and Hirata, Mituo, 4,527,698, Cl. 212-187.000.
Nakazima, Shigeko. Display panel and process for forming pattern therefor. 4,500,374, 2-19-85, Cl. 156-83.000.
Nakazono, Shuzo. Method of producing protein-rich forage or nitrogenous fertilizer from fowl droppings, swine dung, cow dung and the like. 4,536,412, 8-20-85, Cl. 426-641.000.
Nakazumi, Tadataka: *See—*
  Kanno, Yoshiaki; and Nakazumi, Tadataka, 4,561,404, Cl. 123-492.000.
  Takeuchi, Nobuo; Kaneko, Tadashi; Nakazumi, Tadataka; and Yokooku, Katsuhiko, 4,508,078, Cl. 123-399.000.
  Yokooku, Katsuhiko; Kaneko, Tadashi; and Nakazumi, Tadataka, 4,532,905, Cl. 123-443.000.
Nakazyo, Kiyoshi: *See—*
  Seto, Nobuo; Furutachi, Nobuo; Morigaki, Masakazu; and Nakazyo, Kiyoshi, 4,559,297, Cl. 430-551.000.
Nakel, Gunther M.; and Heckert, David C., to Procter & Gamble Company, The. Beverages containing specific cation-edible acid mixtures for improved flavor impression. 4,551,342, 11-5-85, Cl. 426-548.000.
Nakos, Steven T.: *See—*
  Lien, Qcheng S.; and Nakos, Steven T., 4,528,081, Cl. 204-159.130.
  Lien, Samuel Q. S.; and Nakos, Steven T., 4,504,629, Cl. 525-288.000.
  Lin, Samuel Q. S.; and Nakos, Steven T., 4,503,208, Cl. 528-15.000.
Naku, Virgil: *See—*
  Abplanalp, Robert H.; and Naku, Virgil, 4,559,198, Cl. 264-259.000.
Nakuru Inc.: *See—*
  Ono, Osamu, 4,493,152, Cl. 33-25.00R.
Nalbach, John C., to John R. Nalbach Engineering Co., Inc. Container orienting apparatus. 4,561,534, 12-31-85, Cl. 198-400.000.
Nalbandian, Vahakn: *See—*
  Wandinger, Lothar; and Nalbandian, Vahakn, 4,496,913, Cl. 331-56.000.
Nalco Chemical Company: *See—*
  Albanese, Vincent M., 4,496,525, Cl. 423-242.000.
  Branning, Merle L., 4,549,967, Cl. 210-728.000.
  Brown, William B.; and Davis, Cynthia E., 4,548,967, Cl. 524-56.000.
  Connelly, Lawrence J.; and Selvarajan, Radhakrishnan, 4,545,902, Cl. 210-734.000.
  Cosper, David R.; and McKay, Gretchen L., 4,523,932, Cl. 55-85.000.

Cosper, David R.; and McKay, Gretchen L., 4,554,026, Cl. 134-38.000.

Davis, Kevin M.; Wahl, Timothy M.; Beckman, John A.; and Isele, Karl J., Jr., 4,509,727, Cl. 266-44.000.

Dubin, Leonard, 4,532,047, Cl. 210-698.000.

Fong, Dodd W., 4,515,658, Cl. 162-168.400.

Fong, Dodd W.; and Kowalski, David J., 4,546,156, Cl. 526-240.000.

Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., 4,502,964, Cl. 252-8.50C.

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Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., 4,555,558, Cl. 526-287.000.

Jansma, Roger H.; and Sandberg, Karen R., 4,508,594, Cl. 162-135.000.

Kaplan, Morris; and Lindley, William A., 4,542,253, Cl. 585-650.000.

Koskan, Larry P.; Kugel, Roger W.; and Kekish, George T., 4,530,701, Cl. 44-51.000.

Lorenc, Walter F.; Kelly, John A.; and Mandel, Frederick S., 4,545,920, Cl. 252-180.000.

Payne, Charles C., 4,552,804, Cl. 428-283.000.

Phillips, Kenneth G., 4,521,620, Cl. 564-128.000.

Reven, Frederick V., 4,544,472, Cl. 204-290.00R.

Roe, William J.; and Perisho, Jacqueline L., 4,532,049, Cl. 210-728.000.

Romberger, John A.; and Meier, Daniel A., 4,502,978, Cl. 252-389.00A.

Romberger, John A.; and Blaser, Laura J., 4,529,572, Cl. 422-17.000.

Sykes, Robert C.; Connelly, Lawrence J.; and Roe, William J., 4,555,329, Cl. 209-5.000.

Tai, Wun T.; and Phillips, Kenneth G., 4,497,927, Cl. 524-475.000.

Wang, Sophia; Roof, Glenn L.; and Porlier, Beth W., 4,514,286, Cl. 208-196.000.

Wierzba, Robert B.; Snyder, Robert G.; and Kleefisch, Blaise H., 4,545,411, Cl. 141-91.000.

Yeoman, Alan M.; and Mouche , Richard J., 4,535,622, Cl. 73-61.200.

Yeoman, Alan M., 4,547,540, Cl. 524-130.000.

Nalder, William W.: *See—*

Garner, Alfred V.; and Nalder, William W., 4,555,352, Cl. 252-35.000.

Nalewajek, David; Soriano, David S.; and Borowski, Ralph J., to Allied Corporation. Preparation of vinylphosphonate diesters. 4,548,763, 10-22-85, Cl. 260-989.000.

Nalewajek, David; Eibeck, Richard E.; and Sukornick, Bernard, to Allied Corporation. High energy density battery with cathode composition. 4,548,881, 10-22-85, Cl. 429-194.000.

Nall, Kent J.; Barteldes, W. Christopher; Payne, David W.; Rome, Charles P.; and Abrams, Wayne A., to Nall, Kent J. Batting instruction system. 4,552,120, 11-12-85, Cl. 124-1.000.

Nall, Lawson H., to TRI Tool, Inc. Adjustable mandrel for portable lathe. 4,493,232, 1-15-85, Cl. 82-4.00C.

Nally, Robert B.; Akister, James F.; and Ma, Hung S., to NCR Corporation. Waveform matching system and method. 4,547,899, 10-15-85, Cl. 382-7.000.

Nam, Chul W. Power magnification apparatus of a internal and external engine. 4,531,480, 7-30-85, Cl. 123-19.000.

Namai, Akihiro; and Suzuki, Ryoichi, to Canon Kabushiki Kaisha. Camera. 4,560,266, 12-24-85, Cl. 354-400.000.

Namazue, Hirotoshi: *See—*

Mochida, Haruo; Nakakooji, Hiroshi; and Namazue, Hirotoshi, 4,492,959, Cl. 340-825.560.

Namba, Akihiro; and Sakai, Mitsugu, to Olympus Optical Co., Ltd. Device for diagnosing body cavity interiors with supersonic waves. 4,494,549, 1-22-85, Cl. 128-660.000.

Namba, Hiromi, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical character recognition apparatus. 4,512,032, 4-16-85, Cl. 382-9.000.

Namba, Kazuya; Yano, Kazuya; Nakazima, Hirosi; and Muraki, Yu, to Nippon Light Metal Company Ltd. Vessel for storing liquid. 4,527,699, 7-9-85, Cl. 215-1.00C.

Namba, Keisuke: *See—*

Tabata, Norikazu; Nakayama, Shigeki; Namba, Keisuke; and Yamauchi, Shiro, 4,552,659, Cl. 210-177.000.

Namba, Masaharu: *See—*

Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, 4,522,904, Cl. 430-54.000.

Namba Press Works Co., Ltd.: *See—*

Hashimoto, Yuji, 4,531,779, Cl. 297-284.000.

Namba, Satoshi: *See—*

Irie, Yoichiro; Shigemura, Yutaka; and Namba, Satoshi, 4,540,279, Cl. 355-69.000.

Namba, Yasuhiro, to Minolta Camera Kabushiki Kaisha. Focus detecting device for a camera. 4,494,849, 1-22-85, Cl. 354-406.000.

Namba, Yoshiharu, to Rank Xerox Limited. Paper sorting apparatus for a copier. 4,548,402, 10-22-85, Cl. 271-290.000.

Namba, Yuzuru; and Aoyagi, Kenichi, to Suzuki Jidosha Kogyo Kabushiki Kaisha. Suction system for internal combustion engine. 4,530,325, 7-23-85, Cl. 123-308.000.

Namba, Yuzuru; Aoyagi, Kenichi; and Yokoyama, Hiroshi, to Suzuki Jidosha Kogyo Kabushiki Kaisha. Internal combustion engine. 4,553,514, 11-19-85, Cl. 123-308.000.

Nambu, Hajime: *See—*

Yamamoto, Katsuyoshi; Mizukami, Haruo; and Nambu, Hajime, 4,520,505, Cl. 382-55.000.

Nambu, Masao, to Nippon Oil Co., Ltd. Wound-covering materials. 4,524,064, 6-18-85, Cl. 424-81.000.

Nambu, Masao; and Kinoshita, Tatsuo, to Nippon Oil Co., Ltd. Deformable bag for use as cooling medium. 4,530,220, 7-23-85, Cl. 62-530.000.

Nambu, Shigeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Data transmission system with distributed microprocessors. 4,546,351, 10-8-85, Cl. 340-825.500.

Nambudiri, Easwaran C. N.: *See—*

Abellana, Jovito N.; and Nambudiri, Easwaran C. N., 4,523,523, Cl. 101-235.000.

Eckert, Alton B.; and Nambudiri, Easwaran C. N., 4,534,018, Cl. 365-228.000.

Eckert, Alton B.; and Nambudiri, Easwaran C. N., 4,559,443, Cl. 235-101.000.

Namdari, Bahram. Apparatus for washing animals. 4,549,502, 10-29-85, Cl. 119-158.000.

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Namekawa, Yoshihiro: *See—*

Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi, 4,510,974, Cl. 138-137.000.

Namikawa, Jiro: *See—*

Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.

Namikawa, Kazuhira: *See—*

Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.

Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.

Namikawa, Syunji: *See—*

Nukina, Yasuyuki; Namikawa, Syunji; Tomioka, Toshikazu; Yamamoto, Takehiko; and Oi, Susumu, 4,540,666, Cl. 435-167.000.

Namiki, Fumihiro: *See—*

Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.

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Namiki, Junji, to NEC Corporation. Space diversity system. 4,498,885, 2-12-85, Cl. 455-273.000.

Namiki Precision Jewel Co., Ltd.: *See—*

Shimamoto, Hiroshi, 4,521,877, Cl. 369-173.000.

Namiki, Takayuki: *See—*

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,493,832, Cl. 424-199.000.

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Namiki, Yasuomi, to Victor Company of Japan, Ltd. Tracking system in a rotary magnetic head type recording and/or reproducing apparatus. 4,539,604, 9-3-85, Cl. 360-10.200.

Namiki, Yasuomi, to Victor Company of Japan, Ltd. Electromagnetic transducer head assembly. 4,542,422, 9-17-85, Cl. 360-67.000.

Namiki, Yasuomi, to Victor Company of Japan, Ltd. Signal reproducing apparatus having means for modifying a pre-recorded control signal. 4,549,231, 10-22-85, Cl. 360-14.200.

Namiki, Yasuomi, to Victor Company of Japan, Ltd. Noise reduction by linear interpolation using a single sample-and-hold circuit. 4,555,669, 11-26-85, Cl. 330-149.000.

Namiki, Yasuomi: *See—*

Sasaki, Akihiko; Arai, Kouji; Takashi, Takano; and Namiki, Yasuomi, 4,520,405, Cl. 360-10.300.

Namikoshi, Hajime, to Daicel Chemical Industries, Ltd. Carboxyalkyl acetyl celluloses, their salts and a process for the preparation of them. 4,520,192, 5-28-85, Cl. 536-66.000.

Namikoshi, Hajime: *See—*

Asami, Masahiro; Okitsu, Kiyoshi; Okumura, Yoshiaki; Namikoshi, Hajime; Mikumo, Masatoshi; and Watanabe, Shoji, 4,529,788, Cl. 527-300.000.

Namioka, Kazuhiko: *See—*

Koh, Shiro; Wada, Katsuyasu; Namioka, Kazuhiko; and Hitomi, Masuo, 4,560,415, Cl. 106-286.300.

Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, to Mitsubishi Denki Kabushiki Kaisha. Buried semiconductor laser avoiding thyristor action. 4,561,096, 12-24-85, Cl. 372-46.000.

Namizaki, Hirofumi: *See—*

Hirano, Ryoichi; Namizaki, Hirofumi; Susaki, Wataru; and Tanaka, Toshio, 4,504,328, Cl. 148-171.000.

Namizuka, Toshio: *See—*

Akita, Shuichi; and Namizuka, Toshio, 4,550,142, Cl. 525-236.000.

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- Ueda, Akio; Akita, Shuichi; and Namizuka, Toshio, 4,555,547, Cl. 525-237.000.
- Namkung Promotions Inc.: *See—*
  - Kiyokane, Jerrilyn C., 4,516,793, Cl. 283-103.000.
- Namnath, James S., to Lever Brothers Company. Manganese bleach activators. 4,536,183, 8-20-85. Cl. 8-107.000.
- Namordi, Mooshi R.: *See—*
  - White, William A.; and Namordi, Mooshi R., 4,558,235, Cl. 307-450.000.
- Namura, Hideki: *See—*
  - Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi. 4,505,217, Cl. 114-103.000.
- Nanamura, Kaoru: *See—*
  - Furuta, Yohichi; Tsubouchi, Kaoru; and Nanamura, Kaoru, 4,495,772, Cl. 60-533.000.
- Nanasawa, Masatada: *See—*
  - Takenouchi, Tsutomu; Nagasawa, Tsunehiko; and Nanasawa, Masatada, 4,519,008, Cl. 360-79.000.
- Nanasi, John; and Reinitz, Ernest, to Nei Gold Products Inc. Decorative ornament for a band or chain. 4,542,630, 9-24-85, Cl. 63-3.000.
- Nanasi, Pal: *See—*
  - Szejtli, Jozsef; Liptak, Andras; Nanasi, Pal; Fugedi, Peter; Jodal, Ildiko; Kandra, Lili; and Janossy, Lorant, 4,542,211, Cl. 536-103.000.
- Nanba, Isao: *See—*
  - Arichi, Isao; Koh, Takuji; and Nanba, Isao, 4,547,077, Cl. 368-107.000.
- Nanba, Yasuhiro; Gotoh, Takayuki; Yamakawa, Eiji; and Karasaki, Toshihiko, to Minolta Camera Kabushiki Kaisha. Focus detecting photoelectric device and focus detecting system. 4,496,834, 1-29-85, Cl. 250-211.00R.
- Nanba, Yuzaburo, to Eisai Co., Ltd. Cell for measurement. 4,501,497, 2-26-85, Cl. 356-246.000.
- Nanbu, Tadamasa: *See—*
  - Asada, Shuji; and Nanbu, Tadamasa, 4,517,757, Cl. 38-88.000.
- Nancarrow, Elisabeth M., executrix: *See—*
  - Blaine, Edward H.; Cragoe, Edward J., Jr.; Hirschmann, Ralph F.; Nancarrow, John F., deceased; Nancarrow, Elisabeth M., executrix; and Tobert, Jonathan A., 4,510,322, Cl. 514-255.000.
- Nancarrow, James H.: *See—*
  - Kobayashi, Robert J.; Nancarrow, James H.; and Alger, Jeffrey L., 4,517,802, Cl. 60-606.000.
- Nancarrow, James N.: *See—*
  - Cholvin, Robert L.; McInerney, Charles E.; Nancarrow, James N.; and Gantz, Jack L., 4,513,730, Cl. 123-564.000.
  - Cholvin, Robert L.; McInerney, Charles E.; Nancarrow, James N.; and Gantz, Jack L., 4,515,136, Cl. 123-564.000.
- Nancarrow, John F., deceased: *See—*
  - Blaine, Edward H.; Cragoe, Edward J., Jr.; Hirschmann, Ralph F.; Nancarrow, John F., deceased; Nancarrow, Elisabeth M., executrix; and Tobert, Jonathan A., 4,510,322, Cl. 514-255.000.
- Nance, Weldon B.; and Calkins, Jack M., to Witco Chemical Corporation. Lubricating wellbore fluid and method of drilling. 4,517,100, 5-14-85, Cl. 252-8 50C.
- Nanda, Ashok K.; Silveri, Luigi; and McCool, Michael A., to Beloit Corporation. Method and apparatus for deinking. 4,548,673, 10-22-85, Cl. 162-4.000.
- Nandagiri, Arun, to American Cyanamid Company. Aerosol dispensing system. 4,530,450, 7-23-85, Cl. 222-402.100.
- Nandagiri, Arun; and Pong, Richard G. S., to American Cyanamid Company. Aerosol dispensing system. 4,546,905, 10-15-85, Cl. 222-189.000.
- Nandlal, Samlal, to Shell Offshore Inc. Lightweight semi-flexible dike. 4,521,131, 6-4-85, Cl. 405-116.000.
- Nandoh, Kenji: *See—*
  - Hattori, Motonobu; Ishibashi, Akira; Ishida, Hiromi; and Nandoh, Kenji, 4,527,214, Cl. 361-96.000.
- Nangle, John: *See—*
  - Nangle, Terry; Nangle, John; and Kazim, Salih, 4,558,880, Cl. 280-457.000.
- Nangle, Terry; Nangle, John; and Kazim, Salih, to Kazim, Salih. Coupling member. 4,558,880, 12-17-85, Cl. 280-457.000.
- Nango, Tadao: *See—*
  - Tanigawa, Takatoshi; Yaegashi, Sakari; Nakazawa, Tetsuo; Hatazi, Masahiko; and Nango, Tadao, 4,506,041, Cl. 523-139.000.
- Nangrani, Khemchand J., to Plastic Specialties and Technologies, Inc. High impact nylon composition. 4,537,929, 8-27-85, Cl. 524-504.000.
- Nanishi, Yasushi: *See—*
  - Miyazawa, Shintaro; Nanishi, Yasushi; Tada, Kohji; Kawasaki, Akihisa; and Kotani, Toshihiro, 4,528,061, Cl. 156-605.000.
- Naniwa Products Co.: *See—*
  - Kawai, Kazuo; Kawai, Sumikazu; and Katashima, Seiji, 4,559,989, Cl. 164-228.000.
- Nanjo, Hirotoshi; Satou, Hiroo; and Takahashi, Osamu, to Kokusan Denki Co., Ltd. Method of controlling engine speed for internal combustion engine. 4,520,778, 6-4-85, Cl. 123-352.000.
- Nanjo, Yusuke, to Sony Corporation. Retro-focus type wide angle lens. 4,537,476, 8-27-85, Cl. 350-461.000.
- Nankaisangyo Co. Ltd.: *See—*
  - Sato, Takeshi, 4,560,434, Cl. 156-474.000.
- Nankee, Robert J.; Vivian, Thomas A.; and Groves, Kenneth O., to Dow Chemical Company, The. Recovery of polyethylene terephthalate (PET). 4,543,364, 9-24-85, Cl. 521-40.000.
- Nankervis, Robert L. Adjustable press jig for front wheel strut assembly. 4,507,835, 4-2-85, Cl. 29-251.000.
- Nankivell, David L. Hand paddle for a paddle ball game. 4,516,774, 5-14-85, Cl. 273-67.00B.
- Nanko, Hideaki: *See—*
  - Asao, Motoaki; and Nanko, Hideaki, 4,561,100, Cl. 375-99.000.
- Nannini, Alessandro; and Pagano, Roberto, to Fiat Auto S.p.A. Generator apparatus for the combined production of electrical energy and heat. 4,495,901, 1-29-85, Cl. 123-2.000.
- Nannini, Alessandro: *See—*
  - Pagano, Roberto; and Nannini, Alessandro, 4,493,390, Cl. 181-204.000.
- Nanodata Computer Corporation: *See—*
  - Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,516,199, Cl. 364-200.000.
  - Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,527,237, Cl. 364-200.000.
- Nanometrics Incorporated: *See—*
  - Coates, Vincent J.; Grund, J. Evan; and Westrate, Stephen B., 4,521,686, Cl. 250-237.00R.
- Nanpei, Masaru; Tomita, Akira; Fujimura, Toshiaki; and Etoh, Kuniomi, to Toyo Boseki Kabushiki Kaisha. Photosensitive resin composition. 4,544,624, 10-1-85, Cl. 430-281.000.
- Nanri, Shosuke; and Tsuchida, Kazuyoshi, to Toyo Boseki Kabushiki Kaisha. Three-layered fabric material. 4,537,822, 8-27-85, Cl. 428-212.000.
- Nantz, Milton J. Method and apparatus for inhibiting erosion. 4,561,801, 12-31-85, Cl. 405-15.000.
- Nanya, Tamio: *See—*
  - Inaba, Kohji; Sasatani, Seiei; Koide, Tatsushi; and Nanya, Tamio, 4,552,751, Cl. 424-19.000.
- Nanya, Toshiki: *See—*
  - Hashimoto, Mitsuru; Kawabata, Toshiyasu; Nanya, Toshiki; and Murayama, Hisao, 4,554,233, Cl. 430-106.600.
- Naoe, Masahiko: *See—*
  - Kadokura, Sadao; Tomie, Takashi; and Naoe, Masahiko, 4,507,364, Cl. 428-457.000.
- Naoi, Mikio: *See—*
  - Segawa, Keiji; Naoi, Mikio; and Murakami, Masaki, 4,498,163, Cl. 369-126.000.
- Naokawa, Toyojiro; and Koterasawa, Matsuro, to National Semiconductor Corporation. Current supply for use in low voltage IC devices. 4,528,496, 7-9-85, Cl. 323-315.000.
- Naoumidis, Aristides: *See—*
  - Gupta, Ashok K.; Gyarmati, Erno; Munzer, Rudolf; and Naoumidis, Aristides, 4,526,649, Cl. 156-629.000.
- Napco, Inc.: *See—*
  - Maron, Leonard C., 4,501,650, Cl. 204-198.000.
- Napco Security Systems, Inc.: *See—*
  - Gaudio, Raymond, 4,498,075, Cl. 340-525.000.
- Napier, Eunice J.; Evans, James K.; Noble, David; and Bushell, Michael, to Glaxo Laboratories Limited. 2-formyloxymethyl-clavam. 4,529,734, 7-16-85, Cl. 514-375.000.
- Napintas Pty. Ltd.: *See—*
  - Robinson, Allan F.; and Hunter, Warwick A., 4,523,385, Cl. 33-296.000.
- Naples, Daniel F.: *See—*
  - Daniels, Ben G.; Hall, Nicholas E.; Naples, Daniel F.; and Schnell, Albert C., 4,559,760, Cl. 53-314.000.
- Napoli, Joseph D.: *See—*
  - Francis, Robert W.; Napoli, Joseph D.; and Tsien, Hsue C., 4,542,258, Cl. 136-256.000.
- Napoli, Phillip D.; and Patterson, William R., to General Electric Company. Seal cooling apparatus. 4,554,789, 11-26-85, Cl. 60-751.000.
- Napolitano, James E.; Bolton, Theodore S.; and McHale, John P., to Carrier Corporation. Vent assembly for use with an air conditioning unit. 4,553,405, 11-19-85, Cl. 62-262.000.
- Napolitano, Pellegrino E., to Hudson Engineering Company. Tee-type valve for self-priming pump system. 4,493,607, 1-15-85, Cl. 415-11.000.
- Napolitano, Pellegrino E., to Hudson Engineering Company. Self-priming system for liquid pumps. 4,494,560, 1-22-85, Cl. 137-117.000.
- Napolitano, Pellegrino E., to Hudson Engineering Company. Valve for self-priming pump system. 4,515,180, 5-7-85, Cl. 137-565.000.
- Napolitano, Pellegrino E., to Hudson Engineering Company. Self-priming pump system having diaphragm-type flow sensor. 4,521,156, 6-4-85, Cl. 415-11.000.
- Napolitano, Pellegrino E., to Hudson Engineering Company. Check valve having replaceable valve assembly. 4,532,958, 8-6-85, Cl. 137-454.200.
- Napp, Gerhard; Bieringer, Ulrich; Kreismer, Heinz; and Goseberg, Walter, to Licentia Patent-Verwaltungs-GmbH. Switched mode power supply transformer. 4,500,833, 2-19-85, Cl. 323-359.000.
- Napp Systems (USA), Inc.: *See—*
  - Hallman, Robert W., 4,522,910, Cl. 430-157.000.
  - Sakurai, Kiyomi, 4,540,649, Cl. 430-270.000.
- Napp, Wolfgang, to A. Nattermann GmbH & Co. KG. Process for obtaining ethanolic phosphatide fractions highly enriched with phosphatidylcholine. 4,528,139, 7-9-85, Cl. 260-403.000.
- Nappi Trucking Corp.: *See—*
  - Karlik, Richard L., 4,493,491, Cl. 280-402.000.
- Nar, Ramesh, to Carlingswitch, Inc. High inrush current circuit breaker. 4,504,807, 3-12-85, Cl. 335-61.000.
- Nara, Akio: *See—*
  - Izutani, Kouji; Shigeta, Isamu; Nara, Akio; and Hayashi, Hidetaka, 4,539,108, Cl. 210-104.000.

Nara, Etuo: *See—*
  Masaki, Mikio; Nara, Etuo; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,495,786, Cl. 70-186.000.
Nara, Hirotoshi, to Clarion Co., Ltd. Auto device mounting structure. 4,555,080, 11-26-85, Cl. 248-27.100.
Nara, Kiyoshi; Katamoto, Kazuyoshi; and Ohta, Kazuhiko, to Takeda Chemical Industries, Ltd. Method for separating cephalosporins. 4,535,155, 8-13-85, Cl. 544-20.000.
Nara, Koichi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Cryogenic thermometer. 4,506,996, 3-26-85, Cl. 374-176.000.
Nara, Koichi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Thermometer for measuring cryogenic temperatures. 4,560,288, 12-24-85, Cl. 374-201.000.
Nara Machinery Co., Ltd.: *See—*
  Ohkoshi, Tatsuo; and Kobayashi, Chikara, 4,511,093, Cl. 241-60.000.
Nara, Michiko; Yamazaki, Kazunori; and Akiyama, Yasuko, to Shiseido Company Ltd. Make-up cosmetics composition. 4,536,405, 8-20-85, Cl. 514-781.000.
Nara, Seietsu, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorter with automatic discharging unit. 4,520,447, 5-28-85, Cl. 364-478.000.
Nara, Shigeo: *See—*
  Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.
Nara, Yasuaki: *See—*
  Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, 4,493,192, Cl. 62-141.000.
  Hibino, Yozo; Kamejima, Kohji; and Nara, Yasuaki, 4,498,307, Cl. 62-148.000.
Narabayashi, Hirotaro; Kondo, Tomoyoshi; Hayashi, Akira; and Suzuki, Tomokazu, to Sumitomo Chemical Company, Limited; Narabayashi, Hirotaro; Kondo, Tomoyoshi; Hayashi, Akira; and Suzuki, Tomokazu. Antiparkinsonian agent. 4,497,826, 2-5-85, Cl. 514-567.000.
Narabayashi, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for measuring void ratios by using radiation. 4,562,584, 12-31-85, Cl. 378-54.000.
Narabu, Tadakuni, to Sony Corporation. Clock pulse generating circuit. 4,542,301, 9-17-85, Cl. 307-269.000.
Narabu, Tadakuni; and Nakashio, Miaki, to Sony Corporation. Charge transfer with meander channel. 4,558,341, 12-10-85, Cl. 357-24.000.
Naragon, Richard S.: *See—*
  Douglass, Randle; Jacquin, H. George; Chewey, Paul M.; Galvan, Paul A.; and Naragon, Richard S., 4,550,888, Cl. 244-3.220.
Narahara, Tadashi: *See—*
  Fukuda, Masahiro; Okabayashi, Akitoshi; Narahara, Tadashi; Muramatsu, Kenji; Miyazaki, Noriyuki; and Fukushima, Masanori, 4,546,527, Cl. 29-132.000.
Naramoto, Yuichi, to Aisin Seiki Kabushiki Kaisha. Vehicle body position control system. 4,537,411, 8-27-85, Cl. 280-6.00R.
Naramura, Masaru, to Nissan Motor Company, Limited. Deceleration control device for an internal combustion engine. 4,494,505, 1-22-85, Cl. 123-325.000.
Narang, Rajendra K. Oil and gas water heater. 4,549,525, 10-29-85, Cl. 126-361.000.
Naraoka, Tadashi: *See—*
  Ichihashi, Taichi; Kawai, Wasaburo; Naraoka, Tadashi; and Asano, Takateru, 4,560,640, Cl. 430-280.000.
Narasaka, Shin; Otsuka, Kazuo; and Kishida, Eiji, to Honda Giken Kogyo Kabushiki Kaisha. Air-fuel ratio control system for an internal combustion engine. 4,526,148, 7-2-85, Cl. 123-440.000.
Narasaka, Shin: *See—*
  Otsuka, Kazuo; Narasaka, Shin; and Hasegawa, Shumpei, 4,503,479, Cl. 361-90.000.
Narasimhan, Mandayam J.: *See—*
  Thirumalachar, Mandayam J.; Narasimhan, Mandayam J.; and Thirumalachar, Mandayam J. K., 4,544,666, Cl. 514-460.000.
Narasimhan, Tanjore R., to Analog Devices, Incorporated. Temperature-compensated zener voltage reference. 4,562,400, 12-31-85, Cl. 323-281.000.
Narato, Kiyoshi: *See—*
  Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.
Narayan, Surendra D.; and Thomas, Rudy V., to Allied Corporation. Low friction self-locking adjust tongue. 4,551,889, 11-12-85, Cl. 24-196.000.
Narayan, Thirumurti, to BASF Wyandotte Corporation. Phosphonium carboxylate catalysts for the preparation of foams characterized by isocyanurate, and/or urethane linkages. 4,525,489, 6-25-85, Cl. 521-108.000.
Narayan, Thirumurti, to BASF Wyandotte Corporation. Polyisocyanate binder having low toluene diisocyanate content. 4,544,763, 10-1-85, Cl. 560-26.000.
Narayanan, Sarukkai R. Multi-modal educational and entertainment system. 4,525,148, 6-25-85, Cl. 434-340.000.
Narayanan, Swami: *See—*
  Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., 4,492,624, Cl. 208-78.000.
  Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., 4,552,644, Cl. 208-78.000.
Narazaki, Norio: *See—*
  Nakamura, Hiromi; Takahashi, Takehiko; Narazaki, Norio; Yamamoto, Kazuo; and Sayama, Norio, 4,537,023, Cl. 60-39.050.
Narda Microwave Corporation, The: *See—*
  Aslan, Edward E., 4,518,912, Cl. 324-95.000.
Nardi, Dante; Motta, Gianni; Testa, Rodolfo; Graziani, Gabriele; and Casadio, Silvano, to Recordati S.A. Analgesically or anti-inflammatory effective 4-quinolyl anthranilic acid derivatives. 4,507,308, 3-26-85, Cl. 514-313.000.
Nardi, Dante; Catto, Alberto; Tajana, Alberto; Cazzulani, Pietro; and Graziani, Gabriele, to Recordati S.A. Therapeutically effective ω-(4-(2-pyridyl)-piperazino)-alkanoylanilides. 4,510,140, 4-9-85, Cl. 544-360.000.
Nardi, Dante; Tajana, Alberto; Pennini, Renzo; Cazzulani, Pietro; Graziani, Gabriele; and Casadio, Silvano, to Recordati S.A. Certain piperidino-lower-alkylene esters of 3-methylflavone-8-carboxylates possessing smooth muscle relaxant activity. 4,550,115, 10-29-85, Cl. 514-320.000.
Nardozzi, Michael, Jr. Golf putter with interchangeable shafts and heads. 4,506,888, 3-26-85, Cl. 273-80.100.
Narihisa, Masaaki: *See—*
  Fujiwara, Takahisa; Narihisa, Masaaki; and Tamai, Katsuyuki, 4,498,066, Cl. 335-281.000.
Narimatsu, Akihisa; and Ohkubo, Hiroyuki, to Sony Magnescale Inc. Scaling device. 4,523,381, 6-18-85, Cl. 33-125.00C.
Narimatsu, Akihisa: *See—*
  Yonemoto, Hiroshi; Narimatsu, Akihisa; and Suzuki, Nobuyuki, 4,558,312, Cl. 340-680.000.
Narimatsu, Hiroki; Sakamoto, Kenshi; Edayoshi, Tomoko; and Kubota, Hayato, to Fuji Oil Company, Limited. Method of making cheese like food. 4,560,560, 12-24-85, Cl. 426-38.000.
Narisada, Masayuki; Onoue, Hiroshi; Ohtani, Mitsuaki; and Watanabe, Fumihiko, to Shionogi & Co., Ltd. Epimerization of malonic acid esters. 4,504,658, 3-12-85, Cl. 544-90.000.
Narisada, Masayuki; Watanabe, Fumihiko; Okada, Tetsuo; and Matsumura, Hiromu, to Shionogi & Co., Ltd. 7-βureidoacetamido-oxacephalosporins. 4,525,355, 6-25-85, Cl. 514-210.000.
Narisada, Masayuki: *See—*
  Matsumura, Hiromu; Yano, Toshisada; and Narisada, Masayuki, 4,529,722, Cl. 514-210.000.
Narisawa, Hirokichi; and Nagaoka, Tatsuo. Apparatus for routering tuberous sprouts. 4,541,331, 9-17-85, Cl. 99-567.000.
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  Narishige, Eiichi; and Yoneyama, Shinji, 4,526,169, Cl. 128-303.00B.
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Narishige, Shinji: *See—*
  Kawakami, Kanji; Narishige, Shinji; and Suenaga, Masahide, 4,503,394, Cl. 324-252.000.
Narita, Hitoshi: *See—*
  Oshima, Masanao; Narita, Hitoshi; Yashima, Nobuyoshi; and Tabuchi, Hiroshi, 4,519,728, Cl. 405-224.000.
Narita, Katsumi: *See—*
  Hayakawa, Daishiro; Akimoto, Masao; Narita, Katsumi; and Tani, Kenroku, 4,492,928, Cl. 330-126.000.
Narita, Kazuo: *See—*
  Taya, Akira; Narita, Kazuo; Asada, Masao; and Kimura, Yoshio, 4,500,443, Cl. 252-301.40P.
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Narita, Ko: *See—*
  Haraguchi, Hiroshi; and Narita, Ko, 4,512,310, Cl. 123-425.000.
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Narita, Kohji: *See—*
  Kozuka, Masayoshi; Mizutani, Tomihiko; and Narita, Kohji, 4,548,843, Cl. 428-31.000.
Narita, Kou: *See—*
  Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, 4,498,331, Cl. 73-35.000.

Narita, Masao: *See—*
- Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, 4,536,337, Cl. 260-396.00R.

Narita, Ryuhei; Aida, Hiroyuki; and Kamiya, Yoshinori, to Nissan Motor Company, Limited. Door glass hinge having a spacer ring. 4,535,503, 8-20-85, Cl. 16-382.000.

Narita, Ryuho: *See—*
- Okatsuka, Hisashi; Taniguchi, Koichi; Konno, Mitsuo; and Narita, Ryuho, 4,504,718, Cl. 219-10.55B.

Narita, Seiichi: *See—*
- Kohama, Tokio, Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, 4,513,627, Cl. 73-862.340.
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Narita, Shuichi, to Victor Company of Japan, Ltd. Cancellation device for cancelling a temporary stop mode in a recording and/or reproducing apparatus. 4,530,038, 7-16-85, Cl. 360-74.100.

Narita, Shuichi, to Victor Company of Japan, Ltd. Device for detecting abnormalities in tape travel. 4,553,182, 11-12-85, Cl. 360-96.100.

Narita, Takato, to Sony Corporation. Circuit to vary the phase of the color burst signal. 4,551,749, 11-5-85, Cl. 358-28.000.

Narita, Toshihito: *See—*
- Kishida, Kazuo; Yamamoto, Naoki; Nishida, Kozi; Narita, Toshihito; and Sato, Yasumasa, 4,513,111, Cl. 524-458.000.

Narita, Yukio: *See—*
- Aburaki, Shimpei; Kamachi, Hajime; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,525,473, Cl. 514-202.000.
- Imae, Kiyoto; Aburaki, Shimpei; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,500,526, Cl. 514-226.000.

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Narr, Berthold: *See—*
- Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., 4,551,464, Cl. 514-312.000.
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Narui, Mamoru; Nakagawa, Tatsushi; and Sakanaka, Yasuhiro, to Toyo Soda Manufacturing Co., Ltd. Process for producing chlorosulfonated polyethylene using a mixed solvent. 4,544,709, 10-1-85, Cl. 525-344.000.

Narukawa, Hiroshi: *See—*
- Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,496,714, Cl. 528-272.000.
- Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.
- Ueeda, Ryuhei; Fujii, Kiyonobu; and Narukawa, Hiroshi, 4,555,439, Cl. 428-221.000.

Narula, Karam V.: *See—*
- Gueldenpfennig, Klaus; Russell, Stanley L.; Oswald, William A.; Breidenstein, Charles J.; and Narula, Karam V., 4,521,879, Cl. 370-62.000.

Narumi China Corporation: *See—*
- Anazawa, Shinzo; Yamada, Hitoshi; Noda, Kuniharu; and Fujimoto, Yasuyuki, 4,527,010, Cl. 174-52.0FP.
- Kita, Katsuhiko; Fukuda, Junzo; and Kawahito, Shiro, 4,496,509, Cl. 264-175.000.

Narumi, Ichiro, to Pioneer Electronic Corporation. Support structure of an optical part. 4,561,079, 12-24-85, Cl. 369-44.000.

Narumiya, Tsuneaki, to Bridgestone Tire Company Limited. Porous ceramic article. 4,560,478, 12-24-85, Cl. 210-496.000.

Narumiya, Yoshikazu: *See—*
- Ishino, Ken; Hashimoto, Yasuo; Ichihara, Kenichi; and Narumiya, Yoshikazu, 4,515,850, Cl. 428-225.000.
- Ishino, Ken; Hashimoto, Yasuo; and Narumiya, Yoshikazu, 4,539,433, Cl. 174-35.0MS.

Naruo, Kyoichi: *See—*
- Okita, Tsutomu; and Naruo, Kyoichi, 4,518,656, Cl. 428-403.000.
- Okita, Tsutomu; Naruo, Kyoichi; and Hashimoto, Hiroshi, 4,560,616, Cl. 428-423.100.
- Yabe, Masao; Naruo, Kyoichi; and Ono, Kazuhiro, 4,499,043, Cl. 264-207.000.
- Yamamoto, Nobuyuki; Nishikawa, Yasuo; Naruo, Kyoichi; and Okita, Tsutomu, 4,520,070, Cl. 428-336.000.
- Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, 4,557,948, Cl. 427-131.000.

Naruo, Masaki: *See—*
- Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, 4,501,773, Cl. 427-213.000.

Naruo, Noboru; and Kawanishi, Hidekata, to Matsushita Electric Industrial Co., Ltd. Sheathed resistance heater. 4,506,251, 3-19-85, Cl. 338-238.000.

Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, to Fujitsu Limited. Developer materials for electrostatic images. 4,513,075, 4-23-85, Cl. 430-108.000.

Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, to Fujitsu Limited. Process for preparing electrostatic developer. 4,522,909, 6-11-85, Cl. 430-137.000.

Narusawa, Toshiaki: *See—*
- Mochizuki, Akihiro; Ikegami, Kasumi; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,547,309, Cl. 252-299.630.
- Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,555,466, Cl. 430-106.600.

Naruse, Akisuke: *See—*
- Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, 4,507,260, Cl. 376-249.000.
- Kajiyama, Shigeru; Takaku, Kazuo; Naruse, Akisuke; and Akasu, Akira, 4,531,663, Cl. 228-29.000.
- Takaku, Kazuo; Naruse, Akisuke; Fujimoto, Hirotsugu; and Kimura, Hiroshi, 4,518,560, Cl. 376-245.000.

Naruse, Fumio, to Nippon Gakki Seizo Kabushiki Kaisha. Output jack for electric guitar. 4,519,287, 5-28-85, Cl. 84-1.160.

Naruse, Kazuhiko: *See—*
- Yuasa, Yoshio; Yasumoto, Hidetoshi; Kawagoe, Nobukazu; Naruse, Kazuhiko; and Inaba, Masahito, 4,551,011, Cl. 355-35.000.

Naruse, Kazuo; Yokoi, Koji; and Kurokawa, Yoshiaki, to Trinity Industrial Corporation; and Toyota Motor Corporation. Heat welding apparatus. 4,556,783, 12-3-85, Cl. 219-388.000.

Naruse, Nobutaka: *See—*
- Hibino, Takashi; Naruse, Nobutaka; and Yoshida, Kazuhiro, 4,505,130, Cl. 62-347.000.

Naruse, Toshihisa: *See—*
- Ishino, Yoshitane; Naruse, Toshihisa; and Sawano, Toshiyuki, 4,510,705, Cl. 37-54.000.

Naruse, Tsunehide, to Victor Company of Japan, Ltd. Magnetic recording media. 4,547,425, 10-15-85, Cl. 428-328.000.

Naruse, Tutomu: *See—*
- Matsui, Masao; Okamoto, Kazuo; and Naruse, Tutomu, 4,525,404, Cl. 428-92.000.

Naruse, Yoshihiro, to Aisin Seiki Kabushiki Kaisha. Object detecting system of reflection type. 4,542,489, 9-17-85, Cl. 367-93.000.

Naruse, Yujiro: *See—*
- Sugimoto, Hiroshi; and Naruse, Yujiro, 4,547,670, Cl. 250-370.000.

Naruto, Shunsuke: *See—*
- Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, 4,545,932, Cl. 260-112.50R.

Naschberger, Stefan, to Biochemie Gesellschaft m.b.H. Method of facilitating vegetation. 4,539,036, 9-3-85, Cl. 71-11.000.

Nascimento, Dennis F.: *See—*
- Lenker, Don H.; and Nascimento, Dennis F., 4,516,385, Cl. 53-504.000.

Naser, Georg: *See—*
- Hassler, Dieter; Kresse, Heinz; Reichenberger, Helmut; and Naser, Georg, 4,526,168, Cl. 128-303.00R.

Nash, Donald R., to Allied Corporation. Small engine ignition system with spark advance. 4,509,493, 4-9-85, Cl. 123-602.000.

Nash Engineering Company, The: *See—*
- Bissell, Douglas E.; and Jozepaitis, Charles M., 4,498,844, Cl. 417-68.000.
- Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., 4,521,161, Cl. 417-68.000.
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Nash, John E., to Syntex (U.S.A.) Inc. Gas-driven dental scaler having torque reaction means. 4,527,977, 7-9-85, Cl. 433-120.000.

Nash, Randy D.; and Wong, Wai C., to AT&T Bell Laboratories. Simultaneous transmission of speech and data over an analog channel. 4,512,013, 4-16-85, Cl. 370-69.100.

Nash, Randy D., to AT&T Bell Laboratories. Integrated circuit devices for secure data encryption. 4,555,591, 11-26-85, Cl. 178-22.130.

Nash, Robert J.; and Randall, Kent A., to Xerox Corporation. Stable conductive developer compositions. 4,513,074, 4-23-85, Cl. 430-106.600.

Nash, Robert W.; Andre, Paul R.; and Knoblock, Dennis F., to William Nash Company, Inc. Fluid coupling. 4,494,775, 1-22-85, Cl. 285-26.000.

Nash, Ronald S.; and Cash, L. Dale, to Fiber Controls Corporation. Laying out and opening of fiber bales. 4,557,021, 12-10-85, Cl. 19-80.00R.

Nash, Stephen E.: *See—*
- Bentley, Gustavus A.; Nash, Stephen E.; and Pichler, Gerald P., 4,513,976, Cl. 277-25.000.

Nash, Thomas F.: *See—*
- Freeman, Gary T.; Maxner, Richard B.; and Nash, Thomas F., 4,558,983, Cl. 414-331.000.

Nashed, Mina A.: *See—*
- Anderson, Laurens; and Nashed, Mina A., 4,495,346, Cl. 536-18.500.

Nashimoto, Junichi; and Kurokawa, Zenkichi, to Okamura Corporation. Device for storing and retrieving articles in a shelf stack. 4,509,893, 4-9-85, Cl. 414-280.000.

Nashimoto, Toshiyuki: *See—*
- Beppu, Masaru; Agawa, Setsuo; Hazeyama, Takeshi; and Nashimoto, Toshiyuki, 4,551,240, Cl. 209-143.000.

- Nasionale Sweisware (Eiendoms) Beperk: *See—*
  - Kaljee, Jan; Lalor, Leo J.; Pagani, Sergio M.; and Robinson, Frederick P. A., 4,517,441, Cl. 219-146.230.
- Naske, Marcel, to Helix Collector Syndicate. Perforated trough conditioning device. 4,548,623, 10-22-85, Cl. 55-233.000.
- Naslund, Erik I.; and Reed, Steven P., to Brown & Williamson Tobacco Corporation. Apparatus for making grooves in cigarette filters. 4,536,149, 8-20-85, Cl. 425-394.000.
- Naslund, Erik I.: *See—*
  - Heaney, Richard; and Naslund, Erik I., 4,517,046, Cl. 156-500.000.
  - Reed, Steven P.; and Naslund, Erik I., 4,533,427, Cl. 156-500.000.
- Nasman, Lars E.; and Lindstrom, Alf I., to Sunds Defibrator Aktiebolag. Apparatus for pumping of pulp. 4,531,892, 7-30-85, Cl. 417-205.000.
- Nason, George F., III: *See—*
  - Fine, Richard A.; and Nason, George F., III, 4,493,551, Cl. 355-22.000.
- Nason, Martin L. Paired beam engines and pumps. 4,517,932, 5-21-85, Cl. 123-54.00A.
- Nason, William C.: *See—*
  - Carson, Matthew; LeMahieu, Ronald A.; and Nason, William C., 4,507,498, Cl. 562-463.000.
- Nassauer, Konrad, to Borsig GmbH. Device for the supporting of horizontal, thermally loaded containers. 4,527,761, 7-9-85, Cl. 248-128.000.
- Nasser, William E.: *See—*
  - Woods, John H.; Graves, Toby R.; Nasser, William E.; and Jagtap, Ashvinkumar N., 4,500,359, Cl. 106-270.000.
- Nasserian, Mojtaba: *See—*
  - Lew, Wing G.; Deutsch, Richard A.; and Nasserian, Mojtaba, 4,507,034, Cl. 411-21.000.
- Nassiri, Joe-Massoud, to Everest & Jennings, Inc. Wheel hub latch mechanism for power wheelchairs. 4,512,613, 4-23-85, Cl. 301-1.000.
- Nassof, Martin, to Nassof, Martin. Air drape. 4,537,116, 8-27-85, Cl. 98-36.000.
- Nassof, Martin, to Simplex Ceiling Corporation. Ceiling construction. 4,549,375, 10-29-85, Cl. 52-39.000.
- Nassoy, Jacques; and Protin, Bernard. Process for pre-setting mounting holes for cutting and ejection tools of an automatic platen press. 4,510,667, 4-16-85, Cl. 29-526.00R.
- Nasu, Nobuo, to Kabushiki Kaisha Kawakami Seisakusho. Web laying machine. 4,527,789, 7-9-85, Cl. 270-31.000.
- Nasu, Norio: *See—*
  - Ryoke, Katsumi; Masuyama, Kenichi; Yoneyama, Takashi; Nasu, Norio; and Tadokoro, Eiichi, 4,539,257, Cl. 428-323.000.
- Nasu, Shoji: *See—*
  - Murakami, Tsudoi; Nasu, Shoji; Tatsumi, Kazuaki; and Nagahama, Yasuhide, 4,508,953, Cl. 219-125.100.
- Nasuta, Anthony T.; and Boenning, Robert A., to Westinghouse Electric Corp. Multi-channel test system using optical waveguide modulators. 4,504,921, 3-12-85, Cl. 364-550.000.
- Natansohn, Almeria, to Yeda Research and Development Company Ltd. Polymers photoconductive in the near infra-red. 4,562,133, 12-31-85, Cl. 430-80.000.
- Natarajan, Sesha I.; and Gordon, Eric M., to E. R. Squibb & Sons, Inc. Intermediates for substituted peptide compounds. 4,535,176, 8-13-85, Cl. 560-27.000.
- Natarajan, Sesha I.: *See—*
  - Gordon, Eric M.; Godfrey, Jollie D., Jr.; and Natarajan, Sesha I., 4,514,391, Cl. 514-2.000.
- Natarelli, Gerard E.: *See—*
  - Steltenkamp, Robert J.; Douglass, Miriam L.; and Natarelli, Gerard E., 4,547,361, Cl. 424-49.000.
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- Natchev, Emil. Support for hand and knee at work on low level. 4,518,060, 5-21-85, Cl. 182-230.000.
- Natchev, Emil J. Mechanical bio-feed-back auto-traction bench. 4,535,762, 8-20-85, Cl. 128-71.000.
- Nate, Kazuo; Inoue, Takashi; and Yokono, Hitoshi, to Hitachi, Ltd. Positive type, radiation-sensitive organic polymer materials. 4,504,646, 3-12-85, Cl. 528-16.000.
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- Nate, Kazuo: *See—*
  - Azuma, Kazufumi; Nakatani, Mitsuo; Nate, Kazuo; Okunaka, Masaaki; and Yokono, Hitoshi, 4,495,218, Cl. 427-53.100.
  - Azuma, Kazufumi; Nate, Kazuo; Nakatani, Mitsuo; Yokono, Hitoshi; and Endo, Takeshi, 4,530,746, Cl. 204-159.130.
  - Yuhara, Akitsuna; Nate, Kazuo; Toyama, Tatsuro; and Yamada, Jun, 4,510,410, Cl. 310-313.00D.
- NATEC Institut: *See—*
  - Seidel, Hartmut; and Hammerschmidt, Winrich B., 4,505,660, Cl. 425-129.00S.
- Naterstad, Tormod: *See—*
  - Gunnes, Kare; Naterstad, Tormod; and Lid, Olav, 4,552,530, Cl. 432-192.000.
- Natesh, Ram: *See—*
  - Virkar, Anil V.; and Natesh, Ram, 4,546,652, Cl. 73-776.000.
- Nath, Dilip K., to Aetna Telecommunications Laboratories. Aluminum oxide optical fiber coating. 4,540,601, 9-10-85, Cl. 427-163.000.
- Nath, Dilip K.: *See—*
  - Biswas, Dipak R.; and Nath, Dilip K., 4,518,628, Cl. 427-55.000.
- Nath, Gunther; Kreitmair, Albert; and Jaeger, Vincent. Apparatus for coagulation by heat radiation. 4,539,987, 9-10-85, Cl. 128-303.100.
- Nath, Prem; Barnard, Timothy J.; and Crea, Dominic, to Energy Conversion Devices, Inc. Method of electro-coating a semiconductor device. 4,507,181, 3-26-85, Cl. 204-15.000.
- Nath, Prem; and Izu, Masatsugu, to Energy Conversion Devices, Inc. Upstream cathode assembly. 4,513,684, 4-30-85, Cl. 118-718.000.
- Nath, Prem, to Energy Conversion Devices, Inc. Apparatus for plasma assisted evaporation of thin films and corresponding method of deposition. 4,514,437, 4-30-85, Cl. 427-39.000.
- Nath, Prem; Hoffman, Kevin R.; and Laarman, Timothy D., to Energy Conversion Devices, Inc. Process gas introduction, confinement and evacuation system for glow discharge deposition apparatus. 4,520,757, 6-4-85, Cl. 118-723.000.
- Nath, Prem; and Izu, Masatsugu, to Energy Conversion Devices, Inc. Barrier layer for photovoltaic devices. 4,532,372, 7-30-85, Cl. 136-256.000.
- Nath, Prem; Hoffman, Kevin R.; and Laarman, Timothy D., to Sovonics Solar Systems. Method for introducing sweep gases into a glow discharge deposition apparatus. 4,537,795, 8-27-85, Cl. 427-39.000.
- Nath, Prem: *See—*
  - Hanak, Joseph J.; Nath, Prem; Izu, Masatsugu; and Young, James, 4,530,739, Cl. 204-4.000.
- Nathan, Walter, to RTC Industries, Inc. Magazine display tray. 4,505,395, 3-19-85, Cl. 211-126.000.
- Nathan, Walter; and Zucker, Armand S., to RTC Industries, Inc. Modular display rack. 4,550,838, 11-5-85, Cl. 211-128.000.
- Nathanielsz, to Cornell Research Foundation, Inc. Suppression of premature labor by use of aromatase inhibitors. 4,500,523, 2-19-85, Cl. 514-178.000.
- Nation Enterprises, Inc.: *See—*
  - Bauer, Marshall, 4,511,324, Cl. 425-398.000.
- National Aerospace Laboratory of Science and Technology Agency: *See—*
  - Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.
- National Can Corporation: *See—*
  - Snyder, Walter W; and Dettmer, Dennis G., 4,530,228, Cl. 72-349.000.
  - Snyder, Walter W., 4,534,202, Cl. 72-349.000.
  - Snyder, Walter W.; and Dettmer, Dennis G., 4,546,636, Cl. 72-346.000.
  - Traczyk, Edward S.; and Shulski, Michael M., 4,519,232, Cl. 72-133.000.
- National Company Air France, The: *See—*
  - Lucien, Staub, 4,534,594, Cl. 297-438.000.
- National Computer Systems, Inc.: *See—*
  - Heal, David, 4,547,666, Cl. 250-227.000.
- National Distillers and Chemical Corporation: *See—*
  - Barlow, Anthony; Schlossman, Irwin S.; and Borgerding, Robert E., 4,499,013, Cl. 252-567.000.
  - Barlow, Anthony; and Maringer, Melvin F., 4,536,530, Cl. 524-109.000.
  - Barlow, Anthony; and Marginger, Melvin F., 4,543,381, Cl. 524-188.000.
  - Beimesch, Bruce J., 4,537,696, Cl. 252-75.000.
  - Blewett, Charles W.; and Sublett, Michael D., 4,496,758, Cl. 560-112.000.
  - Braus, Harry, 4,492,647, Cl. 252-573.000.
  - Braus, Harry, 4,501,688, Cl. 252-573.000.
  - Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,512,920, Cl. 252-573.000.
  - Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,514,535, Cl. 524-109.000.
  - Braus, Harry; Barlow, Anthony; and Maringer, Melvin F., 4,514,536, Cl. 524-261.000.
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  - Fayter, Richard G., Jr.; and Harris, Eugene G., 4,522,749, Cl. 252-522.00R.
  - Garst, Roger H.; Tuller, Frank N.; and Tucker, Charles R., 4,540,521, Cl. 260-459.00A.
  - Hall, Allen L.; and Fayter, Richard G., Jr., 4,522,950, Cl. 514-471.000.
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  - Rekers, Louis J.; and Katzen, Stanley J., 4,496,699, Cl. 526-105.000.
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Parkes, Richard B., 4,525,370, Cl. 426-508.000.
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Sass, Richard G., 4,552,989, Cl. 174-103.000.
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Hess, Grant F., 4,524,852, Cl. 190-16.000.
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Karlovsky, Jerry, 4,531,784, Cl. 299-64.000.
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Liguori, Thomas, 4,502,381, Cl. 101-40.000.
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Hall, Timothy J.; and [illegible], Eric J., 4,550,527, Cl. 47-58.000.
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Klinner, Wilfred E., 4,512,146, Cl. 56-364.000.
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Skorecki, Jan, 4,515,122, Cl. 123-198.00E.
Smith, Kenneth C. A.; and Erasmus, Stephen J., 4,514,629, Cl. 250-311.000.
Stangroom, James E., 4,493,615, Cl. 417-48.000.
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Stott, Edward J.; Thomas, Lewis H.; and Jebbett, Norma J., 4,517,304, Cl. 436-518.000.
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Weight, John P., 4,509,153, Cl. 367-140.000.
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Cheng, Fred T. J.; and Sauer, Don R., 4,550,424, Cl. 381-15.000.
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Goodrich, Gary B.; and Belani, Jadish G., 4,518,735, Cl. 524-403.000.
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Jett, William B., Jr.; and Wilcox, Milton E., 4,520,324, Cl. 330-285.000.
Khadder, Wadie N.; Wang, Jia T.; and Hollins, Brian E., 4,512,815, Cl. 148-1.500.
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Layher, Francis W., 4,552,267, Cl. 206-334.000.
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Monticelli, Dennis M., 4,542,399, Cl. 357-46.000.
Morris, Dennis E., 4,538,146, Cl. 340-814.000.
Naokawa, Toyojiro; and Koterasawa, Matsuro, 4,528,496, Cl. 323-315.000.
Nelson, Carl T., 4,497,586, Cl. 374-163.000.
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Sedran, Roger H., 4,534,493, Cl. 222-146.200.
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Nattrass, Frank. Flexible bulk container with integral lifting loops. 4,493,109, 1-8-85, Cl. 383-7.000.

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- Nay, Barry: *See—*
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- Naya, Eizo: *See—*
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- Naylor, Paul H.: *See—*
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  - O'Connor, Mark, 4,497,128, Cl. 40-405.000.
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  - Ataman, Ergin'; and King, J. Thomas, 4,510,618, Cl. 382-54.000.
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  - Cain, John D., 4,523,330, Cl. 382-7.000.
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  - Mazumder, Ali T., 4,522,122, Cl. 101-93.020.
  - Pecak, Tadeusz, 4,557,473, Cl. 271-229.000.
  - Therrien, Roger H., 4,509,077, Cl. 358-139.000.
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  - Anderson, Jeff L., 4,497,892, Cl. 430-347.000.
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  - Bashford, Anthony J., 4,506,878, Cl. 271-227.000.
  - Besselman, Thomas P., 4,533,596, Cl. 428-341.000.
  - Celio, John A., 4,513,371, Cl. 364-200.000.
  - Chahal, Maninderpal S.; and Therrien, Roger H., 4,525,741, Cl. 358-212.000.
  - Cheffer, Harold H., 4,517,470, Cl. 307-64.000.
  - Chiao, Samuel Y., 4,503,601, Cl. 29-571.000.
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  - Devchoudhury, Rathindra N., 4,513,389, Cl. 364-900.000.
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  - Donaldson, Darrel D.; Honnigford, Edward H.; and Poeppelman, Alan D., 4,527,074, Cl. 307-246.000.
  - Ecton, William W., 4,562,427, Cl. 340-825.500.
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  - George, Rick A., 4,518,272, Cl. 400-705.100.
  - Glazer, Sydney, 4,513,386, Cl. 364-717.000.
  - Gorin, Brian A.; and Ho, Ping-Pei, 4,510,221, Cl. 430-1.000.
  - Granzow, Robert H.; Gupta, Desh B.; Myers, Kimbrough I.; and Filliman, Mark D., 4,521,008, Cl. 271-3.000.
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  - Hain, David A., 4,501,416, Cl. 271-3.100.
  - Hallauer, John J., 4,520,464, Cl. 365-189.000.
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  - Ito, Masakazu; and Izawa, Hikaru, 4,545,141, Cl. 40-531.000.
  - Kamerman, Adriaan, 4,530,104, Cl. 375-14.000.
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  - Kruse, Richard M.; Moffett, David J.; Patel, Madhu C.; and Barnes, Ronald L., 4,536,648, Cl. 235-454.000.
  - Lawter, Raymond L., 4,506,261, Cl. 340-718.000.
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  - Malik, Ashgar K.; and Celio, John A., 4,503,525, Cl. 365-222.000.
  - Marinelli, Nicola, 4,533,567, Cl. 427-150.000.
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  - Nally, Robert B.; Akister, James F.; and Ma, Hung S., 4,547,899, Cl. 382-7.000.
  - Nelson, Hilding E.; Nesdahl, Myron A.; and Gallati, Marvin L., 4,528,458, Cl. 307-64.000.
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  - Schaefer, William J., Jr., 4,513,957, Cl. 271-90.000.
  - Schnathorst, Vernon K., 4,523,277, Cl. 364-200.000.
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  - van Driest, Hans, 4,528,519, Cl. 330-279.000.
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- NDK, Incorporated: *See—*
  - Bowermaster, Sidney P., 4,506,903, Cl. 280-289.0WC.
- NDM Corporation: *See—*
  - Aicher, Frederick T.; Martin, James R., Sr.; and Flanagan, William T., 4,550,961, Cl. 339-14.00R.
  - Cartmell, James V., 4,543,958, Cl. 128-640.000.
  - Patrick, Charles T., Jr., 4,538,612, Cl. 128-333.000.
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- Neal, Hubert W. T., to SKF (U.K.) Limited. Bearing and seal assembly. 4,555,188, 11-26-85, Cl. 384-482.000.
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Bachman, Brett L.; Beigard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.

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Neary, David, to Neary, David. Fuel preheater. 4,512,324, 4-23-85, Cl. 123-557.000.

Neary, Michael P. Solar energy system. 4,545,207, 10-8-85, Cl. 60-645.000.

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Neat, Benjamin C. Tamperproof plastic container. 4,548,332, 10-22-85, Cl. 220-268.000.

Neathway, Graham A.: *See—*

Benning, Gordon D.; Pascas, Brian J.; Blackhall, Robert K.; Wilker, Paul S.; and Neathway, Graham A., 4,538,031, Cl. 179-81.00B.

Nebe, William J.: *See—*

Dueber, Thomas E.; and Nebe, William J., 4,555,473, Cl. 430-281.000.

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Nebo Pumps Pty. Ltd.: *See—*

Gosschalk, Terry, 4,553,910, Cl. 417-378.000.

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Ohmori, Yoshitaka; and Nebu, Hideaki, 4,492,250, Cl. 137-590.000.

NEC Corporation: *See—*

Aihara, Shigenobu; and Yamada, Akio, 4,517,527, Cl. 330-287.000.

Aiko, Shinichi; Maruta, Rikio; and Nishitani, Takao, 4,554,670, Cl. 375-30.000.

Akashi, Fumio, 4,500,990, Cl. 370-85.000.

Arakawa, Takeshi; and Ikeda, Hiroki, 4,561,072, Cl. 365-230.000.

Eguchi, Hirotugu, 4,524,377, Cl. 357-59.000.

Esho, Sotaro; Itoh, Masaki; and Matsuoka, Masaru, 4,504,548, Cl. 428-426.000.

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Fujii, Akira, 4,536,662, Cl. 307-270.000.

Fukaya, Hirokazu, 4,552,118, Cl. 123-609.000.

Fukuchi, Hiromichi, 4,511,907, Cl. 346-140.00R.

Fukuchi, Hiromichi; and Ushioda, Toyoji, 4,549,191, Cl. 346-140.00R.

Fushikida, Katsunobu, 4,549,305, Cl. 375-27.000.

Hada, Hiroshi; and Hirayama, Tsutomu, 4,555,641, Cl. 307-254.000.

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Ichikawa, Yoshio; and Ohyagi, Takashi, 4,506,386, Cl. 455-343.000.

Ichimura, Yoshiaki; Noda, Atsuhito; Tokaichi, Tetsuro; and Umesato, Shoji, 4,519,660, Cl. 339-75.00M.

Ide, Tatsumi; and Morimoto, Masayuki, 4,542,359, Cl. 335-78.000.

Iinuma, Kazumoto, 4,533,957, Cl. 358-261.000.

Ikeda, Hiroaki, 4,559,619, Cl. 365-190.000.

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Kamijo, Atsushi; and Igarashi, Hitoshi, 4,549,059, Cl. 219-56.210.

Kamo, Yuichi; Mikami, Nobuo; Wakamatsu, Kazutoshi; and Naito, Kunio, 4,499,442, Cl. 335-79.000.

Kanai, Tetsuro, 4,518,949, Cl. 340-347.0AD.

Kasukawa, Yasuhiko, 4,526,431, Cl. 339-45.00R.

Kawai, Kiyoaki, 4,520,480, Cl. 370-100.000.

Koga, Toshio, 4,562,468, Cl. 358-136.000.

Matsuda, Akio, 4,561,020, Cl. 358-134.000.

Matsumoto, Michio; and Kitagawa, Kunio, 4,547,086, Cl. 400-124.000.

Meintrup, David R.; and Dumpis, Janis, 4,496,255, Cl. 400-208.000.

Mito, Ikuo, 4,561,915, Cl. 148-171.000.

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Mori, Toshihiro, 4,523,332, Cl. 455-343.000.

Morikawa, Kenichi; Nagatomi, Kazuyuki; and Katanuma, Mitsuo, 4,520,235, Cl. 179-99.0LS.

Nakamura, Katsuhiro, 4,553,237, Cl. 371-37.000.

Namiki, Junji, 4,497,067, Cl. 455-273.000.

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Ohata, Keiichi, 4,556,895, Cl. 357-23.700.

Ohmori, Kenji, 4,541,071, Cl. 364-900.000.

Oka, Hideo, 4,551,786, Cl. 361-306.000.

Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Nagasawa, Eiji, 4,558,507, Cl. 29-571.000.

Okihara, Naoto; Morimoto, Masayuki; and Ide, Tatsumi, 4,535,311, Cl. 335-124.000.

Ryu, Toshihiko, 4,540,948, Cl. 329-122.000.

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Sakata, Masanori, 4,558,338, Cl. 357-23.900.

Sato, Ikuro; and Iwata, Ryuichi, 4,525,719, Cl. 343-761.000.

Satoh, Noboru, 4,558,431, Cl. 365-45.000.

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Shimizu, Shigeaki; Kubo, Yoshimi; Arai, Yoshio; Suzuki, Tetsuo; and Igarashi, Hitoshi, 4,517,727, Cl. 29-570.000.

Shimogawara, Jun, 4,509,872, Cl. 400-144.100.

Shoji, Masashi, 4,556,805, Cl. 307-359.000.

Sugawara, Mitsutoshi; Tokuda, Kazuo; and Sawataishi, Tokio, 4,562,412, Cl. 331-53.000.

Suzuki, Masayoshi; and Saigo, Kazuhide, 4,551,417, Cl. 430-316.000.

Takahashi, Kazukiyo, 4,553,052, Cl. 307-494.000.

Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, 4,523,121, Cl. 310-334.000.

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Takezawa, Susumu; Ikebe, Ken'ichi; Ayada, Haruki; Fukui, Tatsuyuki; and Okada, Munenori, 4,516,746, Cl. 244-170.000.

Tamura, Yoshiharu, 4,510,460, Cl. 330-285.000.

Tsuge, Hisanao; and Yoshida, Takayoshi, 4,548,834, Cl. 427-63.000.

Tsuzuki, Mitsuo, 4,561,025, Cl. 358-298.000.

Umemura, Mamoru; and Yokota, Minoru, 4,546,432, Cl. 364-200.000.

Usui, Takeshi, 4,531,239, Cl. 455-607.000.

Watanabe, Kojiro, 4,542,514, Cl. 375-10.000.

Yamamoto, Kazuhiro, 4,530,087, Cl. 370-104.000.

Yano, Takeshi; Fukui, Izumu; Hamatsuki, Takeshige; Sato, Eiichi; and Inui, Osamu, 4,518,887, Cl. 310-328.000.

Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, 4,527,279, Cl. 375-114.000.

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Yoshida, Yasuharu, 4,544,894, Cl. 329-122.000.

Yoshida, Yasuharu, 4,549,142, Cl. 329-50.000.

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NEC Home Electronics Ltd.: *See—*

Agata, Kazuhiro, 4,545,695, Cl. 400-320.000.

Kaneda, Isao, 4,529,914, Cl. 315-335.000.

Oe, Hidemi; and Hayashi, Kiyotaka, 4,542,506, Cl. 371-9.000.

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Ishitobi, Yoshimitsu; Fujii, Kouhei; and Nakatsuji, Fumio, 4,500,867, Cl. 338-128.000.

Necchi Societa per Azioni: *See—*

Bar, Alfredo, 4,492,886, Cl. 310-68.00C.

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  - Bianchi, Nereo, 4,493,280, Cl. 112-260.000.
  - Bianchi, Nereo, 4,508,042, Cl. 112-226.000.
  - Bisson, Flavio, 4,502,404, Cl. 112-294.000.
  - Marton, Giulio, 4,499,939, Cl. 164-23.000.
- Neches, Philip M., to Teradata Corporation. Data processing systems and methods. 4,543,630, 9-24-85, Cl. 364-200.000.
- Nechvatal, Van A.: *See—*
  - Price, Donald L.; and Nechvatal, Van A., 4,505,063, Cl. 43-17.000.
- Neckers, Douglas C., to Bowling Green State University. Photopolymerizable composition containing perester photoinitiator and photopolymerization process. 4,498,963, 2-12-85, Cl. 204-159.190.
- Neckers, Douglas C. Method for polymerizing a bis(allyl carbonate). 4,561,951, 12-31-85, Cl. 522-33.000.
- Necowitz, Loretta A. Convertible bed. 4,525,883, 7-2-85, Cl. 5-93.00B.
- Nedelcheva, Aneliya A.: *See—*
  - Koev, Koycho G.; Nedelcheva, Aneliya A.; Todorova, Yasmina S.; and Uzunova, Iglika T., 4,505,432, Cl. 241-29.000.
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  - Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
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  - Van Gasselt, Max L. G.; and Rappoldt, Louis M., 4,532,871, Cl. 110-216.000.
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  - Bulten, Eric J.; and Liebregts, Antonius M. J., 4,501,702, Cl. 260-429.00R.
  - Bulten, Eric J.; and Budding, Hendrik A., 4,547,320, Cl. 556-83.000.
  - de Wit, Benjamino; and Wesseling, Karel H., 4,529,949, Cl. 330-289.000.
  - Gut, Jiri; and van Oosten, Adriaan M., 4,505,934, Cl. 514-762.000.
  - Le Poole, Jan B.; and Kruit, Pieter, 4,500,787, Cl. 250-427.000.
  - van den Engh, Gerrit J.; Trask, Barbara J.; and Visser, Johannes W. M., 4,500,641, Cl. 435-291.000.
  - Wesseling, Karel H., 4,510,940, Cl. 128-667.000.
  - Wesseling, Karel H.; and de Wit, Benjamino, 4,539,997, Cl. 128-667.000.
  - Wolters, Leendert, 4,517,928, Cl. 123-27.0GE.
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  - Meulenbrug, Gerard C., 4,499,890, Cl. 126-116.00R.
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  - Geus, John W.; and de Jong, Krijn P., 4,548,921, Cl. 502-330.000.
- Nederman, Bill P. P. Device for shifting ratchet means in wind-up apparatuses. 4,529,146, 7-16-85, Cl. 242-107.700.
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  - Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.
- Nedzvetsky, Viktor S.: *See—*
  - Ermolenko, Igor N.; Koshevar, Vasily D.; Nedzvetsky, Viktor S.; Savastenko, Galina N.; Siderko, Valentina M.; Kaputsky, Fedor N.; Komar, Valentina V.; and Nadievskaya, Juzefa I., 4,546,063, Cl. 430-269.000.
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- Neece, Thomas B. Car radio and stereo protector. 4,532,162, 7-30-85, Cl. 428-31.000.
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- Needham, Arthur M., to Tectron (Eng) Ltd. Testing device for fuel injectors. 4,559,815, 12-24-85, Cl. 73-119.00A.
- Needham, Donald G., to Phillips Petroleum Company. Composition of polymer of olefin with mixed mineral filler. 4,501,843, 2-26-85, Cl. 524-445.000.
- Needham, Donald G.; and Leland, John E., to Phillips Petroleum Company. Process for encapsulating articles with optional laser printing. 4,560,580, 12-24-85, Cl. 427-53.100.
- Needham, James C., to Welding Institute, The. Short-circuit MIG welding. 4,518,844, 5-21-85, Cl. 219-137.0PS.
- Needham, Maurice E., to Hadco Corporation. Making solderable printed circuit boards. 4,525,246, 6-25-85, Cl. 204-15.000.
- Needham, Riley B.: *See—*
  - Beardmore, David H.; and Needham, Riley B., 4,515,093, Cl. 110-347.000.
- Needleman, Philip, to Washington University. Atrial peptides. 4,496,544, 1-29-85, Cl. 514-13.000.
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- Needleman, Philip, to Washington University. Atrial peptides. 4,557,864, 12-10-85, Cl. 260-112.50R.
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- Neefe, Charles W. Passive hydrogel fuel generator. 4,511,450, 4-16-85, Cl. 204-278.000.
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- Neeff, Rutger: *See—*
  - Krock, Friedrich W.; and Neeff, Rutger, 4,521,341, Cl. 260-371.000.
  - Weitz, Robert; Neeff, Rutger; and Hugl, Herbert, 4,556,401, Cl. 8-641.000.
- Neel, Emmanuel E. A.; Levavasseur, Jacques A.; and Lucien, Jacques P., to Shell Oil Company. Process for the hydroisomerization of petroleum waxes. 4,547,283, 10-15-85, Cl. 208-46.000.
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- Neel, Jean: *See—*
  - Boutin, Jean; and Neel, Jean, 4,504,643, Cl. 526-287.000.
- Neelameggham, Ramaswami; Priscu, John C.; and Toomey, Robert D., to Amax Inc. Molten salt electrostripping cell and method for purifying molten salt electrolytes. 4,510,029, 4-9-85, Cl. 204-130.000.
- Neelameggham, Ramaswami; and Priscu, John C., to Amax Inc. Lithium metal/alloy recovery from multi-component molten salt. 4,533,442, 8-6-85, Cl. 204-68.000.
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- Neenan, Thomas X.: *See—*
  - Allcock, Harry R.; Austin, Paul E.; and Neenan, Thomas X., 4,495,174, Cl. 424-78.000.
- Nees, Friedbert: *See—*
  - Baer, Karl; Bassler, Peter; Duembgen, Gerd; Fouquet, Gerd; Krabetz, Richard; Merger, Franz; and Nees, Friedbert, 4,520,125, Cl. 502-170.000.
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- Neese, Gerhard, to FAG Kugelfischer Georg Schafer & Co. Roller bearing support structure with metal window cage. 4,522,516, 6-11-85, Cl. 384-572.000.
- Neese, Hans-Joachim: *See—*
  - Gevatter, Hans-Jurgen; Muller, Bernhard; and Neese, Hans-Joachim, 4,521,257, Cl. 148-11.50Q.
- Neese, Wayne E., to GTE Communication Systems Corporation. Thick film screen printing apparatus. 4,549,484, 10-29-85, Cl. 101-123.000.
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- Neese, Wayne E.: *See—*
  - Stepan, William E.; Neese, Wayne E.; Belanger, Thomas D., Jr.; and Janninck, Robert F., 4,508,398, Cl. 339-17.0LM.
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- Neesz, John J.: *See—*
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- Neet, Thomas E.; and Spieker, David A., to United States of America, Energy. Electrically conductive rigid polyurethane foam. 4,505,973, 3-19-85, Cl. 428-317.900.
- Neff, Clayton B.: *See—*
  - Schultz, Per-Erik; Chowdhury, Mofazzal H.; and Neff, Clayton B., 4,516,592, Cl. 134-169.00C.
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- Neff, Karl: *See—*
  - Lipinski, Reinhard; and Neff, Karl, 4,512,208, Cl. 74-89.150.
- Neff, Paul J. Storage unit. 4,502,742, 3-5-85, Cl. 312-324.000.

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  - Sugano, Shunji; Hagiwara, Koichi; Miura, Isao; and Honto, Akira, 4,543,404, Cl. 528-26.000.
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  - Keren, Yehuda; Carmon, Shmuel; Behar, Meyer; and Axelrod, Shimshon, 4,511,543, Cl. 423-167.000.
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- Negi, Shigeto: *See—*
  - Machida, Yoshimasa; Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Kitoh, Kyosuke; and Saito, Isao, 4,546,176, Cl. 544-21.000.
- Negi, Virendra S.: *See—*
  - Keeley, James W.; Ledoux, Robert V.; and Negi, Virendra S., 4,562,536, Cl. 364-200.000.
- Negin, Michael: *See—*
  - McBrearty, Michael; Negin, Michael; Weilerstein, I. Marvin; and Zielenski, Albert J., 4,558,596, Cl. 73-588.000.
- Negishi, Akira: *See—*
  - Kawai, Toshikazu; Negishi, Akira; Ojima, Iwao; and Fuchikami, Takamasa, 4,540,835, Cl. 568-842.000.
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  - Wakui, Yoshio; Negishi, Kiyoshi; and Tano, Eiichi, 4,555,170, Cl. 354-470.000.
- Negishi, Masataka. Device for controlling light images. 4,510,560, 4-9-85, Cl. 362-299.000.
- Negishi, Masataka. Plate for removing surface reflection out of the visual fields. 4,548,472, 10-22-85, Cl. 350-276.00R.
- Negishi, Takao; and Kojima, Teiryo, to Toray Industries, Inc. Sewing thread. 4,513,565, 4-30-85, Cl. 57-236.000.
- Negishi, Takao; Kojima, Teiryo; and Tomiita, Kazuo, to Toray Industries, Inc. Process for manufacturing textured multifilament yarn having alternating twist. 4,523,428, 6-18-85, Cl. 57-288.000.
- Negishi, Tohru. Spectacle frame for multifocal lenses. 4,547,048, 10-15-85, Cl. 351-137.000.
- Negishi, Yukiyasu; Ishida, Yukinori; Saito, Yasunori; and Tanaka, Shigeru, to Nippon Telegraph & Telephone Public Corporation; and Sumitomo Electric Industries, Ltd. Optical fiber cable and process for production thereof. 4,491,386, 1-1-85, Cl. 350-96.230.
- Negita, Hisao: *See—*
  - Mio, Mitsushi; and Negita, Hisao, 4,536,645, Cl. 219-543.000.
- Negley, Loren E., to Welcon Connector Company. Connector block with RF shield. 4,518,209, 5-21-85, Cl. 339-14.00R.
- Negoro, Hisao. Dust guard for a scroll chuck. 4,553,765, 11-19-85, Cl. 279-1.0ME.
- Negoro, Ikuo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Zoom lens barrel for variable magnification type copying machine. 4,555,165, 11-26-85, Cl. 350-429.000.
- Negoro, Ikuo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Magnification varying device for copying machine. 4,557,594, 12-10-85, Cl. 355-58.000.
- Negoro, Ikuo: *See—*
  - Ogawa, Ryota; and Negoro, Ikuo, 4,498,759, Cl. 355-8.000.
- Negre, Guy; and Fayard, Jean-Claude, to Elf France. Device for controlling a gas circuit of a combustion chamber and a sealing member for its operation. 4,506,636, 3-26-85, Cl. 123-190.00A.
- Negri, Ettore: *See—*
  - Luchi, Luciano; and Negri, Ettore, 4,541,253, Cl. 66-14.000.
- Negro, Guido: *See—*
  - Schall, Walter; Negro, Guido; Hipp, Martin; and Albrecht, Hans, 4,509,396, Cl. 83-126.000.
- Negus, Clive R.: *See—*
  - Drain, Leslie E.; and Negus, Clive R., 4,492,467, Cl. 356-336.000.
- Negus, Paul D.; Ng, Tak C.; Badge, Roger; and Cowen, David W., to Westinghouse Brake and Signal Co., Ltd. F.M. demodulator with fail-safe features. 4,560,943, 12-24-85, Cl. 329-103.000.
- Negus, Paul D.: *See—*
  - Cook, Andrew J.; and Negus, Paul D., 4,516,249, Cl. 375-82.000.
- Negus, Terence I., to Multi Bar Systems Ltd. Cutting tool. 4,497,601, 2-5-85, Cl. 408-156.000.
- Nehen, Ulrich: *See—*
  - Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., 4,517,141, Cl. 264-4.700.
- Neher, Erwin, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Measuring system for exceedingly weak currents. 4,510,442, 4-9-85, Cl. 324-99.00R.
- Neher, Heinz: *See—*
  - Artzt, Peter; Muller, Heinz; Egbers, Gerhard; and Neher, Heinz, 4,497,166, Cl. 57-263.000.
- Nehmiz, Peter: *See—*
  - Behringer, Uwe; Bohlen, Harald; Kulcke, Werner; and Nehmiz, Peter, 4,554,458, Cl. 250-492.200.
  - Bohlen, Harald; Engelke, Helmut; Greschner, Johann; and Nehmiz, Peter, 4,504,558, Cl. 430-30.000.
  - Bohlen, Harald; Engelke, Helmut; Greschner, Johann; Muhl, Reinhold; Nehmiz, Peter; and Trumpp, Hans J., 4,513,203, Cl. 250-491.100.
- Nehring, Robert J., Jr.: *See—*
  - Sands, Bruce W.; and Nehring, Robert J., Jr., 4,540,629, Cl. 428-402.000.
- Nehring, Rudolf: *See—*
  - Otte, Werner; Nehring, Rudolf; and zur Hausen, Manfred, 4,551,564, Cl. 568-834.000.
- NEI Canada Limited: *See—*
  - Chang, Kwangling; and Mistry, Dalpat D., 4,531,318, Cl. 40-449.000.
  - Chang, Kwangling; and Dave, Pankaj J., 4,558,529, Cl. 40-473.000.
- Nei Gold Products Inc.: *See—*
  - Nanasi, John; and Reinitz, Ernest, 4,542,630, Cl. 63-3.000.
- Neider, Thomas M.: *See—*
  - Klein, Edward P.; and Neider, Thomas M., 4,560,440, Cl. 162-263.000.
- Neidich, Douglas A., to Du Pont de Nemours, E. I., and Company. Rib cage terminal. 4,545,638, 10-8-85, Cl. 339-205.000.
- Neidig, Arno; Akyurek, Altan; and Hettmann, Hubert, to Brown, Boveri & Cie AG. Electrical connecting strap for semiconductor components. 4,502,750, 3-5-85, Cl. 339-275.00R.
- Neidig, Arno; Berndt, Dietmar; Wahl, Georg; and Wittmer, Mark, to Brown, Boveri & Cie AG. Method of direct bonding copper foils to oxide-ceramic substrates. 4,505,418, 3-19-85, Cl. 228-122.000.
- Neiditch, Oscar W.; Hurdle, Edmund S.; and Fox, Daniel J., to Lever Brothers Company. Homogeneous aqueous fabric softening composition with stilbene sulfonic acid fluorescent whitener. 4,497,718, 2-5-85, Cl. 252-8.750.
- Neiditch, Oscar W.; Hurdle, Edmund S.; and Fox, Daniel J., to Lever Brothers Company. Homogeneous aqueous fabric softening composition with stilbene sulfonic acid fluorescent whitener. 4,562,002, 12-31-85, Cl. 252-8.750.
- Neidleman, Saul L.; and Geigert, John, to Cetus Corporation. Manufacture of halogenated ketones and aldehydes. 4,546,080, 10-8-85, Cl. 435-148.000.
- Neidleman, Saul L.: *See—*
  - Geigert, John; and Neidleman, Saul L., 4,503,153, Cl. 435-147.000.
- Neidorff, Robert A., to Motorola, Inc. Temperature compensated voltage reference circuit. 4,491,780, 1-1-85, Cl. 323-313.000.
- Neidorff, Robert A., to Motorola, Inc. Programmable ring oscillator. 4,517,532, 5-14-85, Cl. 331-57.000.
- Neidorff, Robert A., to Motorola, Inc. Symmetrical diode clamp. 4,558,286, 12-10-85, Cl. 330-252.000.
- Neidorff, Robert A.: *See—*
  - Jarrett, Robert B.; and Neidorff, Robert A., 4,542,303, Cl. 307-350.000.
- Neier, Benjamin R.; and Stirling, Donald L., to Stirco Inc. Mixer for fluent and nonfluent material. 4,506,990, 3-26-85, Cl. 366-299.000.
- Neier, Wilhelm; Webers, Werner; and Dettmer, Michael, to Deutsche Texaco Aktiengesellschaft. Process for producing methyl tert. alkyl ether. 4,546,206, 10-8-85, Cl. 568-697.000.
- Neigel, Dennis: *See—*
  - Szymanski, Chester D.; and Neigel, Dennis, 4,517,351, Cl. 527-312.000.
- Neil Brown Instrument Systems, Inc.: *See—*
  - Brown, Neil L., 4,536,744, Cl. 340-347.0AD.
  - Brown, Neil L., 4,539,525, Cl. 330-107.000.
- Neil, Clyde C.: *See—*
  - Hammer, Jacob M.; and Neil, Clyde C., 4,495,704, Cl. 33-180.00R.
- Neil, Iain A., to Barr & Stroud Limited. Infrared objective lens systems. 4,505,535, 3-19-85, Cl. 350-1.300.
- Neil, Iain A., to Barr & Stroud Limited. Infrared radiation detecting systems. 4,558,222, 12-10-85, Cl. 250-353.000.
- Neil, Joseph S. Vibratory clamping device for use with an excavator in supporting and placing sheeting when excavating in sand, running sand and silt. 4,557,630, 12-10-85, Cl. 405-232.000.
- Neill, David C. Jack bolt assembly. 4,540,199, 9-10-85, Cl. 285-27.000.
- Neill, Jimmie: *See—*
  - Sutton, David; and Neill, Jimmie, 4,491,961, Cl. 382-41.000.
- Neilson, James M.: *See—*
  - Taylor, Thomas V.; and Neilson, James M., 4,522,205, Cl. 128-303.170.
- Neilson, James R.; and Bishop, Robert R., to Cactus Machinery Inc. Apparatus for conditioning hygroscopic plastic material. 4,531,308, 7-30-85, Cl. 34-168.000.
- Neilson, John M. S.: *See—*
  - Ford, Raymond T.; Brackelmanns, Norbert W.; Wheatley, Carl F., Jr.; and Neilson, John M. S., 4,532,534, Cl. 357-23.400.
- Neilson, Robert H.; and Wisian-Neilson, Patty J. Polyphosphazene compounds and method of preparation. 4,523,009, 6-11-85, Cl. 528-399.000.
- Neiman S.A.: *See—*
  - Lipschutz, Paul, 4,552,000, Cl. 70-185.000.
  - Neyret, Guy, 4,550,580, Cl. 70-370.000.
  - Neyret, Guy, 4,561,116, Cl. 455-603.000.
- Neimy, Daniel T.: *See—*
  - Seshadri, Jayaram; and Neimy, Daniel T., 4,537,047, Cl. 62-510.000.

Neis, Thomas W.; and Swartz, Harold L., to Sperry Corporation. Temperature stable arcuate bubble gravity sensor mount. 4,521,974, 6-11-85, Cl. 33-379.000.
Neisen, Gerald F., to Brunswick Corporation. Fluid cooler for marine drives. 4,504,238, 3-12-85, Cl. 440-89.000.
Neisen, Gerald F., to Brunswick Corporation. No-feedback steering system for marine drives. 4,557,695, 12-10-85, Cl. 440-53.000.
Neisen, Gerald F., to Brunswick Corporation. Marine drive having speed controlled lock-up torque converter. 4,558,769, 12-17-85, Cl. 192-3.310.
Neisius, Karl-Heinz: *See—*
  Eichler, Jurgen; Herz, Claus; Neisius, Karl-Heinz; and Wehner, Gregor, 4,496,447, Cl. 204-159.160.
  Klug, Rudolf; Hartner, Hartmut; Merrem, Hans-Joachim; and Neisius, Karl-Heinz, 4,540,650, Cl. 430-281.000.
  Merrem, Hans-Joachim; Neisius, Karl-Heinz; Klug, Rudolf; and Hartner, Hartmut, 4,539,288, Cl. 430-325.000.
Neiss, Melvin A.; and Woodruff, Robert W., to Du Pont de Nemours, E. I., and Company. Overcoated photohardenable element having surface protuberances. 4,550,073, 10-29-85, Cl. 430-273.000.
Neissel, John P.: *See—*
  Terhune, James H.; and Neissel, John P., 4,521,373, Cl. 376-258.000.
Neitz, Alfred, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method of operating internal combustion engines. 4,492,193, 1-8-85, Cl. 123-276.000.
Neitz, Alfred; D'Alfonso, Nunzio; and Pickel, Hans, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Fuel injection method and arrangement for direct-injection internal combustion engines. 4,499,871, 2-19-85, Cl. 123-276.000.
Nejdl, Charles W.: *See—*
  Stengel, Robert E.; and Nejdl, Charles W., 4,494,100, Cl. 336-200.000.
Nejigaki, Kazumi: *See—*
  Yamamoto, Kazuhiko; Nejigaki, Kazumi; Yasumura, Takashi; Kawashima, Chikashi; and Inoue, Shuichi, 4,560,737, Cl. 527-72.000.
Neki, Kazuya: *See—*
  Nakamura, Katuyuki; and Neki, Kazuya, 4,524,191, Cl. 525-425.000.
Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, to Matsushita Electric Industrial Co., Ltd. Sewing machine having a memory for generating a speed signal in response to operating conditions. 4,516,061, 5-7-85, Cl. 318-561.000.
Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, to Matsushita Electric Industrial Co., Ltd. Circuit arrangement for controlling sewing machine speed and for positioning sewing needle. 4,516,514, 5-14-85, Cl. 112-275.000.
Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, to Matsushita Electric Industrial Co., Ltd. Sewing machine having a digital command circuit. 4,517,909, 5-21-85, Cl. 112-275.000.
Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, to Matsushita Electric Industrial Co., Ltd. Sewing machine controlling apparatus. 4,556,001, 12-3-85, Cl. 112-277.000.
Neki, Shigeo: *See—*
  Shinozaki, Nozomu; Dohi, Takashi; Yamazaki, Shinji; and Neki, Shigeo, 4,499,449, Cl. 338-32.00R.
Nekoosa Envelopes, Inc.: *See—*
  Engh, Gordon L., 4,534,581, Cl. 281-15.00R.
  Ward, James O., 4,535,930, Cl. 229-71.000.
Nel-Tech Development, Inc.: *See—*
  Hyatt, David R., 4,524,349, Cl. 340-500.000.
Nelander, Curt, to AB Rollab. Method and device for attaining a gas flow in a wind tunnel. 4,513,610, 4-30-85, Cl. 73-147.000.
Nelboeck, Michael: *See—*
  Homann, Ernst; Nelboeck, Michael; Schlieder, Klaus; and Bayer, Gernold, 4,553,553, Cl. 128-749.000.
Nelen, Petrus R., to AGFA-GEVAERT N.V. Apparatus for transferring xerographic images. 4,498,758, 2-12-85, Cl. 355-3.0TR.
Nelen, Petrus R., to AGFA-GEVAERT N.V. Object-holding device of sucker cup type and sheet dispensing apparatus incorporating such device. 4,548,396, 10-22-85, Cl. 271-90.000.
Neles Inc.: *See—*
  Kindersley, Peter G.; and Pyysalo, Matti O., 4,556,197, Cl. 251-315.000.
Nelissen, Johan W. A.: *See—*
  Ponjee, Johannes J.; Nelissen, Johan W. A.; and Verwijlen, Christiaan J. A., 4,521,444, Cl. 427-41.000.
Nelle, Guenther, to Dr. Johannes Heidenhain GmbH. Mounting arrangement for length measuring device. 4,509,262, 4-9-85, Cl. 33-125.00R.
Nelle, Guenther, to Dr. Johannes Heidenhain GmbH. Length measuring system. 4,530,157, 7-23-85, Cl. 33-125.00R.
Nelle, Gunther, to Dr. Johannes Heidenhain GmbH. Coupling arrangement for length measuring device. 4,492,032, 1-8-85, Cl. 33-125.00R.
Nelle, Gunther, to Dr. Johannes Heidenhain GmbH. Photoelectric incremental length or angle measuring device. 4,519,709, 5-28-85, Cl. 356-373.000.
Nelle, Gunther: *See—*
  Burkhardt, Horst; and Nelle, Gunther, 4,527,056, Cl. 250-237.00G.
Nellen, William J., to TMCI, Inc. Tobacco product with high filling power and process of making same. 4,497,331, 2-5-85, Cl. 131-353.000.
Nelligan, Jerome M.; and Heminover, Dale R., to Federal-Mogul Corporation. Microdrill package. 4,503,972, 3-12-85, Cl. 206-379.000.
Nelligan, Jerome M.: *See—*
  Saxton, Robert W.; Hewitt, William R.; and Nelligan, Jerome M., 4,536,108, Cl. 408-230.000.
Nelligan, William B.: *See—*
  Hertzog, Russel C.; and Nelligan, William B., 4,507,554, Cl. 250-270.000.
Nellis, Ruald: *See—*
  Endres, Ludwig; and Nellis, Ruald, 4,490,933, Cl. 40-564.000.
Nels, James S.: *See—*
  Ruth-Larson, Dawn; and Nels, James S., 4,535,481, Cl. 2-114.000.
Nelsen, Richard C.; Wridt, Alfred A.; and Fuhreck, John E., to Snap-on Tools Corporation. Injector height measuring tool assembly. 4,503,619, 3-12-85, Cl. 33-181.0AT.
Nelsen, Suzanne B., to GAF Corporation. Polyethylene terephthalate molding composition. 4,539,356, 9-3-85, Cl. 524-166.000.
Nelson, Alexander. Toothpick dispenser. 4,522,314, 6-11-85, Cl. 221-190.000.
Nelson, Alfred W., to Textron, Inc. Quick disconnect assembly. 4,501,404, 2-26-85, Cl. 248-503.100.
Nelson, Ann L.: *See—*
  Nelson, Ralph E.; Nelson, Ann L.; Bogner, Evelyn J.; and Bogner, Paul M., 4,494,652, Cl. 206-366.000.
Nelson, Arthur J. Tow of barges by tugs. 4,553,497, 11-19-85, Cl. 114-246.000.
Nelson, Arthur R., to Aetna Telecommunications Laboratories. Fiber optic mass sensor. 4,493,212, 1-15-85, Cl. 73-517.00R.
Nelson, Arthur R., to Aetna Telecommunications Laboratories. Fiber optic sensors for simultaneously detecting different parameters in a single sensing tip. 4,523,092, 6-11-85, Cl. 250-227.000.
Nelson, Arthur R., to Sperry Corporation. Photoelastic effect optical waveguides. 4,561,718, 12-31-85, Cl. 350-96.140.
Nelson, Bertel S., to Wedgtrac Corporation. Torque limit drive transmission. 4,555,963, 12-3-85, Cl. 74-798.000.
Nelson, Bradley B.; and Nelson, Gregory T. Weighted exercising device. 4,513,963, 4-30-85, Cl. 272-128.000.
Nelson, Carl, to Aerochem, Inc. Method and apparatus for automated chemical milling of compound curved surfaces. 4,523,973, 6-18-85, Cl. 156-626.000.
Nelson, Carl D. Variable stroke engine. 4,517,931, 5-21-85, Cl. 123-48.00B.
Nelson, Carl T., to National Semiconductor Corporation. Celsius electronic thermometer circuit. 4,497,586, 2-5-85, Cl. 374-163.000.
Nelson, Carl T., to Minnesota Mining and Manufacturing Company. Stethoscope with removable insert. 4,502,562, 3-5-85, Cl. 181-131.000.
Nelson, Carl W.; and Vye, Michael B., to Xebec, Inc. Protective overcoating for magnetic recording discs and method for forming the same. 4,503,125, 3-5-85, Cl. 428-408.000.
Nelson, Charles W., to United States of America, General Counsel-Code GP. X-ray determination of parts alignment. 4,542,520, 9-17-85, Cl. 378-58.000.
Nelson, Craig E., to TAB Leasing. Precision source of acoustic radiation. 4,559,826, 12-24-85, Cl. 73-632.000.
Nelson, Craig E.; and Strenge, Marvin L., to TAB Leasing. Thermally isolated calibration apparatus. 4,561,285, 12-31-85, Cl. 73-1.00B.
Nelson, Dale H., to Prime Computer, Inc. AC to DC conversion system with current spreading circuit. 4,523,266, 6-11-85, Cl. 363-26.000.
Nelson, Dale H.: *See—*
  Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., 4,539,552, Cl. 340-347.0DA.
Nelson, Dale K.: *See—*
  Mathison, Allen D.; Nelson, Dale K.; and Cherne, Lloyd G., 4,493,344, Cl. 138-89.000.
Nelson, Daniel C.: *See—*
  Pepper, Roger T.; Nelson, Daniel C.; and Lewing, Douglas S., 4,526,770, Cl. 423-447.400.
Nelson, David A.; and Saller, Kenneth R., to Comlinear Corporation. Settling time reduction in wide-band direct-coupled transistor amplifiers. 4,502,020, 2-26-85, Cl. 330-265.000.
Nelson, David A., to Rockwell International Corporation. Electronic display dimming circuit. 4,516,055, 5-7-85, Cl. 315-151.000.
Nelson, David A., to Rockwell International Corporation. Variable increment tuning select. 4,531,233, 7-23-85, Cl. 455-173.000.
Nelson, David A.: *See—*
  Chulada, Edmund C.; and Nelson, David A., 4,516,302, Cl. 29-156.80R.
Nelson, David E.: *See—*
  Hollinger, David P.; Nelson, David E.; and Hannon, Robert J., 4,509,170, Cl. 370-85.000.
Nelson, Delmer R., to A. O. Smith Harvestore Products, Inc. Breather bag construction for a sealed storage structure. 4,499,820, 2-19-85, Cl. 99-646.00S.
Nelson, Donald A. Game ball return balancer. 4,540,181, 9-10-85, Cl. 273-352.000.
Nelson, Donald L.; and Lamont, Mary H., to Dow Chemical Company, The. Vinyl ester resin composition. 4,525,544, 6-25-85, Cl. 525-531.000.
Nelson, Donald W.: *See—*
  Fitzgerald, J. Vincent; Matusik, Frank J.; and Nelson, Donald W., 4,524,610, Cl. 73-54.000.
Nelson, Duane M., to Minnesota Mining and Manufacturing Company. Dual catheter and method for separately withdrawing fluids from the human heart. 4,548,597, 10-22-85, Cl. 604-43.000.
Nelson, Edward D. Skill game card device. 4,491,319, 1-1-85, Cl. 273-1.00R.
Nelson, Edwin A.; and Webb, Ronald C., to Advanced Design Corporation. Dental cleansing system. 4,540,365, 9-10-85, Cl. 433-88.000.

Nelson, Elliot, to American Cyanamid Company. Hair spray compositions containing methylmethacrylate-methacrylic acid copolymers. 4,543,249, 9-24-85, Cl. 424-70.000.
Nelson, Eugene R.: *See*—
  Bleimann, Karl R.; Fookes, Michael J.; McVicker, Richard W.; Munn, John W.; and Nelson, Eugene R., 4,525,139, Cl. 431-189.000.
Nelson, Floyd E., to United States of America, Navy. Induced-signal capacitance effect cable tracking sensor. 4,542,334, 9-17-85, Cl. 324-61.00R.
Nelson, Frederick J.; and Richards, Ray S., to Owens-Illinois, Inc. Waste heat recovery from regenerative furnaces. 4,516,934, 5-14-85, Cl. 432-30.000.
Nelson, G. Douglas; and Vazopolos, Steve, to Monsanto Company. Method and tablet for sanitizing toilets. 4,557,926, 12-10-85, Cl. 424-19.000.
Nelson, Gregory R.: *See*—
  Reed, Kenneth E.; Mason, Bradley; Mason, Jeff; and Nelson, Gregory R., 4,493,316, Cl. 128-80.00C.
Nelson, Gregory T.: *See*—
  Nelson, Bradley B.; and Nelson, Gregory T., 4,513,963, Cl. 272-128.000.
Nelson, Gunnar I. Watertight electrical receptacle. 4,521,649, 6-4-85, Cl. 200-50.00B.
Nelson, Gunner E., to Ethyl Corporation. Process for preparing tertiary phosphines. 4,507,501, 3-26-85, Cl. 568-17.000.
Nelson, Gunner E., to Ethyl Corporation. Process for preparing tertiary phosphines. 4,507,502, 3-26-85, Cl. 568-17.000.
Nelson, Gunner E., to Ethyl Corporation. Hydride production at moderate pressure. 4,512,966, 4-23-85, Cl. 423-644.000.
Nelson, Gunner E., to Ethyl Corporation. Sodium aluminum hydride production. 4,528,176, 7-9-85, Cl. 423-644.000.
Nelson, Gunner E., to Ethyl Corporation. Alkali metal aluminum hydride production. 4,529,580, 7-16-85, Cl. 423-644.000.
Nelson, Gunner E.: *See*—
  Smith, Isaac L.; and Nelson, Gunner E., 4,532,120, Cl. 423-347.000.
Nelson, H. Wharton, to Combustion Engineering, Inc. Control of active alkali in black liquor. 4,498,955, 2-12-85, Cl. 162-30.110.
Nelson, Herbert A. Forced humid aspiration for internal combustion engines. 4,557,222, 12-10-85, Cl. 123-25.00B.
Nelson, Hilding E.; Nesdahl, Myron A.; and Gallati, Marvin L., to NCR Corporation. Self-diagnostic redundant modular power supply. 4,528,458, 7-9-85, Cl. 307-64.000.
Nelson Irrigation Corporation: *See*—
  Kreitzberg, Jeffrey P., 4,492,339, Cl. 239-230.000.
Nelson, James A.; and Zimmer, Robert E., to Buehler Ltd. Apparatus for mounting samples for polishing. 4,534,536, 8-13-85, Cl. 249-83.000.
Nelson, James A.: *See*—
  Klein, Julian L.; Nelson, James A.; and Smith, Terrence J., 4,527,578, Cl. 134-57.00R.
  Lazarus, Harrison; and Nelson, James A., 4,553,960, Cl. 604-158.000.
Nelson, James C., to Chandler Evans Inc. Oil lubricated main drive shaft for fuel pump. 4,493,623, 1-15-85, Cl. 418-94.000.
Nelson, Jeffrey A.; and Hanstine, Kenneth W., to Fuller Company. Division head for grinding mill. 4,498,634, 2-12-85, Cl. 241-72.000.
Nelson, Jeffrey N.; and Peters, Thomas A., to Fuller Company. Rotary coal feeder and dryer. 4,497,122, 2-5-85, Cl. 34-68.000.
Nelson, John A.; and Banks, Joan D., to Whirlpool Corporation. Method and means for inhibiting corrosion in a heat pipe. 4,548,258, 10-22-85, Cl. 165-1.000.
Nelson, John A.: *See*—
  Stout, Gregg W.; and Nelson, John A., 4,543,700, Cl. 29-426.400.
Nelson, John F., to Illinois Tool Works Inc. Wiper motor mounting grommet. 4,522,378, 6-11-85, Cl. 267-141.400.
Nelson, John M., to Newell Companies, Inc. Self-igniting torch. 4,526,532, 7-2-85, Cl. 431-255.000.
Nelson, Jon N., to Energy Conservation Associates Incorporated. Weather strip. 4,497,137, 2-5-85, Cl. 49-496.000.
Nelson, Jordan R.; and Bogner, Bruce F., to RCA Corporation. EMI/RFI shielding composition. 4,528,213, 7-9-85, Cl. 427-105.000.
Nelson, Jordan R.; and Funari, Remo A., to RCA Corporation. Impact test apparatus. 4,531,401, 7-30-85, Cl. 73-12.000.
Nelson, Joseph A. Nonmechanical digital raingauge. 4,520,667, 6-4-85, Cl. 73-171.000.
Nelson, Keith E., to Dynatech Laboratories Incorporated. Fluorometer. 4,501,970, 2-26-85, Cl. 250-458.100.
Nelson, Kenneth L., to King-Seeley Thermos Co. Method of making an ice making apparatus. 4,510,114, 4-9-85, Cl. 264-261.000.
Nelson, Kenneth L., to King-Seeley Thermos Co. Apparatus and method for making ice particles and method of making said apparatus. 4,527,401, 7-9-85, Cl. 62-354.000.
Nelson, Larry A.; and Schmidt, Leon W., to Allied Corporation. Analysis system. 4,550,084, 10-29-85, Cl. 436-45.000.
Nelson, Larry N. Rake with grasping apparatus. 4,545,189, 10-8-85, Cl. 56-400.120.
Nelson, Leon F.; Montgomery, Dan T.; Wyffels, Michael K.; and Sikula, William J., Jr., to Deere & Company. Combine with an auger clutch responsive engine control. 4,522,553, 6-11-85, Cl. 414-526.000.
Nelson, Leonard Y.: *See*—
  Grynberg, Jack; Nelson, Leonard Y.; and Moody, Stephen E., 4,492,862, Cl. 250-255.000.
Nelson, Lorne W., to Honeywell Inc. Integrated control system for induced draft combustion. 4,533,315, 8-6-85, Cl. 431-20.000.
Nelson, Lorne W., to Honeywell Inc. Defrost control system for a refrigeration heat pump apparatus. 4,538,420, 9-3-85, Cl. 62-140.000.
Nelson, M. Gene. Adjustable book holder including magnifying front panel. 4,496,127, 1-29-85, Cl. 248-441.100.
Nelson, Marguerite D. Mop. 4,550,468, 11-5-85, Cl. 15-229.00A.
Nelson, Mark D.: *See*—
  Goss, Willis C.; Nelson, Mark D.; and McLauchlan, John M., 4,523,810, Cl. 350-320.000.
Nelson, Mark L.: *See*—
  Nelson, Otis L., Jr.; and Nelson, Mark L., 4,516,981, Cl. 44-53.000.
Nelson, Marvin D.: *See*—
  Dietiker, Paul; Kim, Yong C.; Nelson, Marvin D.; and Olson, Elwyn H., 4,543,974, Cl. 137-66.000.
Nelson, Marvin G., to Nelson's Upholstery, Inc. Support brace. 4,527,556, 7-9-85, Cl. 128-80.00H.
Nelson, Norman A. Wellhead connector. 4,526,406, 7-2-85, Cl. 285-18.000.
Nelson, Norman E., to Minnesota Mining and Manufacturing Company. Method for producing a bowed cassette shim. 4,562,028, 12-31-85, Cl. 264-160.000.
Nelson, Norvell J., to PSI Star, Inc. Aqueous process for etching cooper and other metals. 4,497,687, 2-5-85, Cl. 156-659.100.
Nelson, Norvell J., to PSI Star, Inc. Process and apparatus for etching copper masked by a nickel-gold mask. 4,543,153, 9-24-85, Cl. 156-656.000.
Nelson, Norvell J., to PSI Star, Inc. Regenerative copper etching process and solution. 4,545,850, 10-8-85, Cl. 156-642.000.
Nelson, Norvell J., to PSI Star, Inc. Nickel etching process and solution. 4,556,449, 12-3-85, Cl. 156-659.100.
Nelson, Otis L., Jr.; and Nelson, Mark L. Residual oil sludge dispersant. 4,516,981, 5-14-85, Cl. 44-53.000.
Nelson, Paige R.: *See*—
  Lent, Mark S.; and Nelson, Paige R., 4,528,966, Cl. 123-527.000.
Nelson, Paul A.: *See*—
  Knoedler, Reinhard; Nelson, Paul A.; Shimotake, Hiroshi; and Battles, James E., 4,508,797, Cl. 429-184.000.
Nelson, Peter E., to IVAC Corporation. Fault detection apparatus and method for parenteral infusion system. 4,534,756, 8-13-85, Cl. 604-50.000.
Nelson, Peter H., to Syntex (U.S.A.) Inc. Arachidonic acid analogues as anti-inflammatory and anti-allergic agents. 4,497,827, 2-5-85, Cl. 514-381.000.
Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., to Syntex (U.S.A.) Inc. Benzthiazine analogs as antiinflammatory agents. 4,512,990, 4-23-85, Cl. 514-225.000.
Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., to Syntex (U.S.A.) Inc. Naphthoxyalkylamines and related compounds as antiinflammatory agents. 4,536,503, 8-20-85, Cl. 514-255.000.
Nelson, Philip E.; and Takada, Norihisa, to Purdue Research Foundation. Tomato consistency control apparatus. 4,557,799, 12-10-85, Cl. 159-44.000.
Nelson, Ralph E.; Nelson, Ann L.; Bogner, Evelyn J.; and Bogner, Paul M., to Winfield Industries. Container for sharps. 4,494,652, 1-22-85, Cl. 206-366.000.
Nelson, Ralph E., to Winfield Corp. Container for sharps. 4,520,926, 6-4-85, Cl. 206-366.000.
Nelson, Randall B., to International Telephone and Telegraph Corporation. Reduction of organic waste odors. 4,551,305, 11-5-85, Cl. 422-5.000.
Nelson Research & Development Co.: *See*—
  Horn, Alan S., 4,540,691, Cl. 514-211.000.
  Horn, Alan S.; and Agoston, Sandor, 4,562,196, Cl. 514-332.000.
  Rajadhyaksha, Vithal J., 4,562,075, Cl. 514-788.000.
  Rajakhyaksha, Vithal J., 4,525,199, Cl. 514-788.000.
Nelson, Richard C. Process for coating material with water resistant composition. 4,521,458, 6-4-85, Cl. 427-294.000.
Nelson, Richard V.; and Stephen, John F., to ICI Americas Inc. 2-piperidones. 4,504,664, 3-12-85, Cl. 546-243.000.
Nelson Robert A.: *See*—
  Campbell, Nancy L.; Pinto, John G.; Drewe, John A.; Hayes, Patrick D.; and Nelson Robert A., 4,503,307, Cl. 219-10.55E.
Nelson, Robert B., to Maytag Company, The. Double actuation coin slide system. 4,493,410, 1-15-85, Cl. 194-1.00G.
Nelson, Robert E.: *See*—
  Nelson, Robert M.; and Nelson, Robert E., 4,496,287, Cl. 417-63.000.
Nelson, Robert L.; and Stough, Donald M., to Westinghouse Electric Corp. Jackshaft controlled boiler combustion control system. 4,553,924, 11-19-85, Cl. 431-12.000.
Nelson, Robert M.; and Nelson, Robert E., to Nelson, Robert M. Sensors for detection of fluid condition, and control systems utilizing their signals. 4,496,287, 1-29-85, Cl. 417-63.000.
Nelson, Robert S.: *See*—
  Barbaric, Zoran L.; and Nelson, Robert S., 4,560,882, Cl. 250-487.100.
Nelson, Rodney C., to Bemis Company, Inc. Bag inserter machine. 4,522,012, 6-11-85, Cl. 53-175.000.
Nelson, Rodney J.: *See*—
  Cathey, Thaddeus F.; Gaynor, John C.; and Nelson, Rodney J., 4,515,577, Cl. 474-204.000.
Nelson, Roger J., to Deere & Company. Vehicle with coolant pressure responsive hitch control. 4,518,045, 5-21-85, Cl. 172-7.000.
Nelson, Ronald S.; and Loflin, John D., to Lilly Company, The. Conductive coatings. 4,530,778, 7-23-85, Cl. 252-500.000.
Nelson, Roy A., to LTV Aerospace and Defense Company. Biaxial scissors fold, post tensioned structure. 4,539,786, 9-10-85, Cl. 52-645.000.

Nelson, Roy A. Teaching device and method of using same. 4,557,694, 12-10-85, Cl. 434-339.000.

Nelson, Shelby W. Combination non-disposable table utensil. 4,535,538, 8-20-85, Cl. 30-147.000.

Nelson, Stephen J., to Upjohn Company, The. N-L-[(Phosphinyl) amino]thio- and N-[(phosphinothioyl)amino]thiomethylcarbamates. 4,531,006, 7-23-85, Cl. 549-7.000.

Nelson, Stephen R., to Kerr-McGee Refining Corporation. Fractionation of heavy hydrocarbon process material. 4,502,944, 3-5-85, Cl. 208-45.000.

Nelson, Steve; Reynolds, Frank; Roos, George E.; and Ball, John, to Walker Limited Partnership. Line throwing device. 4,505,179, 3-19-85, Cl. 89-1.00G.

Nelson, Stewart C., to Automatic Orange Juicer Corp., The. Surface for supporting cut fruit in fruit juicer. 4,509,418, 4-9-85, Cl. 100-97.000.

Nelson, Terry L.; and Reichman, James M., to Electric Power Research Institute, Inc. Underground cable installing apparatus and method utilizing a fluid jet assisted, vibrating blade arrangement. 4,498,813, 2-12-85, Cl. 405-182.000.

Nelson, Theodore G., to Tektronix, Inc. Compensation method and apparatus for an RC attenuator. 4,507,618, 3-26-85, Cl. 330-126.000.

Nelson, Thomas A., to Hadady Corporation. Brake lever retaining bracket. 4,519,480, 5-28-85, Cl. 188-52.000.

Nelson, Thomas L., to Du Pont de Nemours, E. I., and Company. Process and apparatus for making coherent yarn. 4,505,013, 3-19-85, Cl. 28-274.000.

Nelson, Victor H. Sector motor having latching means for rotor in multiple positions. 4,500,861, 2-19-85, Cl. 335-253.000.

Nelson, Wayne F., to A. Schulman, Inc. Plastic-metal laminate, process, and composition. 4,528,123, 7-9-85, Cl. 252-511.000.

Nelson, Wayne I.: *See—*

- Amiot, Bruce P.; Fuller, Larry E.; Martinez, Felix J.; Cosentino, Louis C.; Harm, William H.; and Nelson, Wayne I., 4,517,081, Cl. 210-85.000.

Nelson, William; and Bearpark, John P., to BICC Public Limited Company. Electrolytic refining of metal. 4,498,522, 2-12-85, Cl. 164-460.000.

Nelson, William: *See—*

- Pearson, Earl C., Jr.; and Nelson, William, 4,559,537, Cl. 343-7.00A.

Nelson's Upholstery, Inc.: *See—*

- Nelson, Marvin G., 4,527,556, Cl. 128-80.00H.

Nelzow, Hartmann; Karlheinz, Farber; and Deininger, Anton, to Bosch-Siemens Hausgerate GmbH. Container, especially a disposable container for beverage concentrates, with a preferably magnetically-actuated reusable measurer attached to the opening of the container. 4,496,078, 1-29-85, Cl. 222-87.000.

Nelzow, Hartmann: *See—*

- Deininger, Anton; Nelzow, Hartmann; and Farber, Karlheinz, 4,533,070, Cl. 222-439.000.
- Farber, Karlheinz; and Nelzow, Hartmann, 4,496,080, Cl. 222-129.300.

Nemack, Christian: *See—*

- Meuer, Johannes; Nemack, Christian; and Todtenhaupt, Dieter, 4,556,766, Cl. 200-81.90R.

Nemag B.V.: *See—*

- Aberkrom, Peter, 4,538,848, Cl. 294-68.230.

Nemanich, Robert J.; and Thompson, Malcolm J., to Xerox Corporation. Ohmic contacts for hydrogenated amorphous silicon. 4,529,619, 7-16-85, Cl. 427-86.000.

Nembach, Siegfried, to Zahnradfabrik Friedrichshafen AG. Hydrostatic drive for vehicles. 4,528,871, 7-16-85, Cl. 74-733.000.

Nemec, Frantisek; Moos, Petr; Bytesnik, Milan; Kuba, Jan; and Lacina, Tomislav, to Ceske vysoke uceni technicke v Praze. Circuit connected in series with a discharge valve source. 4,553,072, 11-12-85, Cl. 315-244.000.

Nemes, Jozsef: *See—*

- Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.

Nemesnyik, John C., to Charles Beseler Company. Photographic contrast control device. 4,537,500, 8-27-85, Cl. 355-67.000.

Nemet, Mihaly, to Budapesti Radiotechnikai Gyar. Ground-plane antenna with impedance matching. 4,521,784, 6-4-85, Cl. 343-846.000.

Nemet, Mihaly, to Budapesti Radiotechnikai Gyar. Antenna arrangement for personal radio transceivers. 4,543,581, 9-24-85, Cl. 343-702.000.

Nemeth, Bela J.: *See—*

- Grab, George P.; Hood, Grant W., Jr.; Swanson, Sigurd A.; and Nemeth, Bela J., 4,491,559, Cl. 419-36.000.

Nemeth, Janos: *See—*

- Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, 4,547,098, Cl. 405-291.000.

Nemeth, Joseph; and Kowalski, Charles I., to Champion Spark Plug Company. Carbon resistor and method for producing same. 4,511,524, 4-16-85, Cl. 264-61.000.

Nemeth, Jozsef: *See—*

- Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Solymossy, Bela, 4,498,391, Cl. 102-312.000.
- Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Vida, Zoltan, 4,558,748, Cl. 175-57.000.

Nemitz, Anthony R., to Arrow Display Company, Inc. Method and kit for construction of custom prototype membrane switch panel. 4,510,353, 4-9-85, Cl. 200-5.00A.

Nemoto, Akira, to Japan. Vehicle seat. 4,555,140, 11-26-85, Cl. 297-452.000.

Nemoto, Akira, to Tachikawa Spring Co., Ltd. Vehicle seat. 4,555,141, 11-26-85, Cl. 297-452.000.

Nemoto, Kiyoshi, to Kabushiki Kaisha Maruyama Seisakusho. Piston for piston pump. 4,518,328, 5-21-85, Cl. 417-511.000.

Nemoto, Michio; Yoshida, Kiyokazu; and Baba, Tetsuro, to Tohoku Metal Industries, Ltd. Air-flow-rate sensors. 4,516,101, 5-7-85, Cl. 335-208.000.

Nemoto, Mitsugu: *See—*

- Motohashi, Mitsuo; Nemoto, Mitsugu; and Tamura, Akihiko, 4,536,082, Cl. 355-3.0SH.

Nemoto, Nobuo, to Aderans Co., Ltd. Method for producing a wig base. 4,530,810, 7-23-85, Cl. 264-222.000.

Nemoto, Seiichiro: *See—*

- Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, 4,496,170, Cl. 280-801.000.
- Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, 4,531,762, Cl. 280-801.000.

Nemoto, Shigeru; Kitajima, Goro; Saitou, Sinichi; and Osada, Hazime, to Olympus Optical Co., Ltd. Signal detection operating lever device of magnetic recording tape reproducing apparatus. 4,523,247, 6-11-85, Cl. 360-137.000.

Nemoto, Shigeru; Saitou, Sinichi; Kitajima, Goro; and Osada, Hazime, to Olympus Optical Co., Ltd. Operating lever device of a magnetic recording tape driving apparatus. 4,525,760, 6-25-85, Cl. 360-137.000.

Nemoto, Shigeru: *See—*

- Kobayashi, Minoru; and Nemoto, Shigeru, 4,520,415, Cl. 360-137.000.
- Kobayashi, Minoru; and Nemoto, Shigeru, 4,521,821, Cl. 360-137.000.

Nemoto, Tadashi; Fukumoto, Ryoichi; Kawamura, Hiroaki; Kondo, Yoshikazu; and Inui, Tsuneo, to Toyo Kohan Co., Ltd. Process for producing a thin tin and zinc plated steel sheet. 4,508,601, 4-2-85, Cl. 204-38.500.

Nemoto, Takeo: *See—*

- Ogata, Hisanao; Nemoto, Takeo; Hakuraku, Yoshinori; and Yagi, Yasuomi, 4,502,296, Cl. 62-514.00R.

Nemoto, Tsuneo; and Sugawara, Kokichi, to Sony Corporation. Cassette and cassette adapter for use therewith. 4,524,926, 6-25-85, Cl. 242-198.000.

Nemoto, Yoichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for controlling an inverter. 4,532,583, 7-30-85, Cl. 363-96.000.

Nemoto, Yuhei; Shigeta, Sadaaki; and Yokokawa, Yoshio, to Dainippon Ink and Chemicals, Inc. Optical recording medium. 4,548,889, 10-22-85, Cl. 430-273.000.

Nenkov, Nikolay D., to Komitet po Goelogica. Retractable core drill bit. 4,497,382, 2-5-85, Cl. 175-260.000.

Nenninger, Klaus: *See—*

- Rosenbladt, Rudolf V.; Nenninger, Klaus; and Schussler, Rudolf, 4,523,853, Cl. 356-446.000.

Neogi, Amar N.: *See—*

- Allan, George G.; and Neogi, Amar N., 4,554,155, Cl. 424-22.000.

Neomed Inc.: *See—*

- Ecanow, Charles S.; and Ecanow, Bernard, 4,539,204, Cl. 514-6.000.
- Ecanow, Charles S.; and Ecanow, Bernard, 4,547,490, Cl. 514-21.000.
- Ecanow, Charles S.; and Ecanow, Bernard, 4,558,032, Cl. 514-2.000.
- Taylor, Glenn N., 4,492,832, Cl. 200-52.00R.

Nepon Co. Ltd.: *See—*

- Kuwa, Masatoshi; Kamanaka, Ryusuke; and Nihei, Toshio, 4,556,103, Cl. 165-122.000.

Nepon, Juanita. Methods of preparing an arthritis composition. 4,552,762, 11-12-85, Cl. 424-106.000.

Nepper, Robert F.; and Solyntjes, Alan J., to Minnesota Mining and Manufacturing Company. Control circuitry for a continuous copy machine. 4,494,860, 1-22-85, Cl. 355-13.000.

Nepper, Robert F.; Solyntjes, Alan J.; and Abrahamson, Carl W., to Minnesota Mining and Manufacturing Company. Continuous copier. 4,523,836, 6-18-85, Cl. 355-16.000.

Neppl, Franz: *See—*

- Schwabe, Ulrich; Neppl, Franz; Burker, Ulf; and Christoph, Werner, 4,505,027, Cl. 29-577.00C.
- Schwabe, Ulrich; Neppl, Franz; and Hieber, Konrad, 4,510,670, Cl. 29-571.000.
- Schwabe, Ulrich; Jacobs, Erwin P.; and Neppl, Franz, 4,525,378, Cl. 427-38.000.

Nepsco, Inc.: *See—*

- Sheldon, Samuel B.; Leach, Jack L.; and Harkness, Scott A., 4,502,728, Cl. 297-284.000.

Neptune Microfloc, Inc.: *See—*

- Hsiung, Andrew K., 4,547,286, Cl. 210-738.000.

Neptune Research, Inc.: *See—*

- Lazzara, Richard J., 4,519,856, Cl. 156-49.000.

Neri, Anthony A.: *See—*

- De Bisschop, James; Neri, Anthony A.; and Williams, Thomas J., 4,535,645, Cl. 74-492.000.

Neri, Armando: *See—*

- Seragnoli, Enzo; and Neri, Armando, 4,524,784, Cl. 131-281.000.
- Seragnoli, Enzo; and Neri, Armando, 4,524,785, Cl. 131-281.000.

Neri, Carlo; and Buonomo, Franco, to Anic S.p.A. Process for isomerizing styrene oxide or homologues to β-phenylaldehydes. 4,495,371, 1-22-85, Cl. 568-427.000.

Neri, Carlo; Giroldini, Villiam; Traversoni, Mario; Guizzi, Guido; Perrotti, Emilio; and Rinaldi, Antonio, to Enichimica Secondaria S.p.A. Process for the preparation of 2,3-dihydro-2,2-dimethyl-7-benzofuranol. 4,562,266, 12-31-85, Cl. 549-462.000.

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Neri, Guido: *See—*

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Neri, Michael A. Method of producing freeze dried fish eggs. 4,551,333, 11-5-85, Cl. 426-1.000.

Neron, Joseph; Hudson, William S.; and Miller, Ronald L. Multi-position drive ratchet wrench. 4,510,825, 4-16-85, Cl. 81-57.290.

Nerstrom, James S., to Outboard Marine Corporation. Two-cycle internal combustion engine including means for varying cylinder port timing. 4,516,540, 5-14-85, Cl. 123-65.0PE.

Nertman, Inge, to AB Volvo. Blister package with means for securing blister. 4,496,052, 1-29-85, Cl. 206-470.000.

Nesbit, Larry A.: *See—*

Kinney, Wayne I.; Lasky, Jerome B.; and Nesbit, Larry A., 4,532,700, Cl. 29-576.00W.

Kinney, Wayne I.; Koburger, Charles W., III; Lasky, Jerome B.; Nesbit, Larry A.; Troutman, Ronald R.; and White, Francis R., 4,558,508, Cl. 29-571.000.

Nesbitt, Raymond A., to AT&T Technologies, Inc. Process for improved wall definition of an additive printed circuit. 4,526,810, 7-2-85, Cl. 427-98.000.

Nesbitt, William A., to Modern Modalities, Inc. Window insulator. 4,544,587, 10-1-85, Cl. 428-34.000.

Nesdahl, Myron A.: *See—*

Nelson, Hilding E.; Nesdahl, Myron A.; and Gallati, Marvin L., 4,528,458, Cl. 307-64.000.

NESELCO: *See—*

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Nesheiwat, Afif M.; and Sherk, Fred T., to Phillips Petroleum Company. Continuous process for the production of alkali metal n-methylaminobutyrate. 4,529,818, 7-16-85, Cl. 562-553.000.

Nesheiwat, Afif M.: *See—*

Cleary, James W.; Sherk, Fred T.; and Nesheiwat, Afif M., 4,510,316, Cl. 548-555.000.

Sherk, Fred T.; Nesheiwat, Afif M.; and Senatore, Guy, 4,524,200, Cl. 528-388.000.

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Nesler, John J., to Hughes Aircraft Company. Transformerless drive circuit for field-effect transistors. 4,553,082, 11-12-85, Cl. 323-288.000.

Nesmith, Malcolm F., to United States of America, National Aeronautics and Space Administration. Self-locking telescoping manipulator arm. 4,547,121, 10-15-85, Cl. 414-753.000.

Nespor, John F.: *See—*

Bloom, Terry R.; and Nespor, John F., 4,556,598, Cl. 428-209.000.

Nespor, Tony. Thermal wire stripper. 4,558,613, 12-17-85, Cl. 81-9.400.

Nespurek, Stanislav: *See—*

Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.

Ness, Irving S., to Chicopee. Elastic composites. 4,525,407, 6-25-85, Cl. 428-138.000.

Ness, Richard A. Induction heating device for nozzles of containers. 4,549,051, 10-22-85, Cl. 219-10.49R.

Ness, Ronald J., to Garrett Corporation, The. No-back gas generator and method. 4,505,105, 3-19-85, Cl. 60-200.100.

Nessel, Eliezer: *See—*

Porat, Reuven; and Nessel, Eliezer, 4,561,809, Cl. 407-114.000.

Nessfield, Stanley, to Sea Co Services Limited. Freight-carrying platforms. 4,546,945, 10-15-85, Cl. 248-346.000.

Nessi, Pierre; and Crausaz, Jacques, to Ares N.V. Amsterdam NL, Swiss Branch. Electronic instrument for the control and treatment of infertility in women. 4,530,366, 7-23-85, Cl. 128-736.000.

Nesta, Charles: *See—*

Gilliland, W. Keith; Hart, Lawrence M.; and Nesta, Charles, 4,534,641, Cl. 355-3.00R.

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Selin, Johan; Huttunen, Jouko; Turunen, Olli; Eklund, Vidar; and Ekman, Kurt, 4,526,620, Cl. 106-203.000.

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Bengtsson, Bengt L.; Palmlin, Peter; and Saldert, Bertil K., 4,521,439, Cl. 426-509.000.

Bengtsson, Bengt L.; Palmlin, Peter; and Ekholm, Jan, 4,525,368, Cl. 426-438.000.

Bengtsson, Bengt L.; and Lindberg, Peter, 4,547,380, Cl. 426-302.000.

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Cabi-Akman, Robert, 4,513,882, Cl. 222-56.000.

Clough, Graham, 4,513,015, Cl. 426-396.000.

Gasau, Jacob, 4,534,985, Cl. 426-432.000.

Gejl-Hansen, Frederik, 4,510,163, Cl. 426-241.000.

Hersom, Albert C.; Wright, Kenneth W.; and Brittain, John E., 4,506,600, Cl. 99-474.000.

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Hirsbrunner, Pierre; and Pavillard, Blaise, 4,531,003, Cl. 544-275.000.

Hsu, Jau Y., 4,517,215, Cl. 426-557.000.

Ingenbleek, Yves; Traitler, Helmut; and Wessely, Jean-Yves, 4,526,793, Cl. 426-72.000.

Launay, Noel, 4,520,705, Cl. 83-879.000.

Lechthaler, Jurg, 4,544,563, Cl. 426-276.000.

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Nestell, David E.: *See—*

Clark, Russell L.; and Nestell, David E., 4,505,054, Cl. 33-357.000.

Nester, William H., to General Electric Company. Microstrip notch antenna. 4,500,887, 2-19-85, Cl. 343-700.0MS.

Nestle & Fischer: *See—*

Fischer, Walter, 4,513,512, Cl. 33-471.000.

Nestler, Gerhard: *See—*

Merger, Franz; and Nestler, Gerhard, 4,493,801, Cl. 260-465.600.

Merger, Franz; Nestler, Gerhard; and Towae, Friedrich, 4,537,960, Cl. 544-86.000.

Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, to Hoechst Aktiengesellschaft. Herbicidal esters of D-1-(phenoxy-4-phenoxy)-propionic acid. 4,531,969, 7-30-85, Cl. 71-108.000.

Nestler, Hans J., to Hoechst Aktiengesellschaft. Process for esterifying phenol-containing carboxylic acids. 4,547,583, 10-15-85, Cl. 560-061.000.

Nestler, Hans J.: *See—*

Rehn, Karl; and Nestler, Hans J., 4,532,346, Cl. 562-471.000.

Nestor, Charles R.; Plyler, Robert G.; and Cross, William E., to General Motors Corporation. Socket connector for parallel circuit boards. 4,521,065, 6-4-85, Cl. 339-75.0MP.

Nestor, Charles R., to General Motors Corporation. Insulation shearing electrical terminal. 4,531,804, 7-30-85, Cl. 339-97.00R.

Nestor, Jack; and Devine, John W., Jr. Semi-rigid penile prosthesis with separable members and posture control. 4,545,081, 10-8-85, Cl. 623-11.000.

Nestor, John J.; and Vickery, Brian H., to Syntex (U.S.A.) Inc. Nonapeptide and decapeptide analogs of LHRH, useful as LHRH agonist. 4,530,920, 7-23-85, Cl. 514-15.000.

Nestor, John J., Jr.; Moffatt, John G.; and Chan, Hardy W., to Syntex (U.S.A.) Inc. Synthetic peptide sequences useful in biological and pharmaceutical applications and methods of manufacture. 4,493,795, 1-15-85, Cl. 260-112.50E.

Nesvit, Vasily A.: *See—*

Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.

Neszmelyi, Erzsebet: *See—*

Takacs, Istvan; Kerey, Gyorgy; Illes, Janos; Rudolf, Peter; Gere, Pal; Czebe, Laszlo; and Neszmelyi, Erzsebet, 4,518,771, Cl. 536-21.000.

Netcom, Inc.: *See—*

MacKenzie, Keith W., 4,511,820, Cl. 310-353.000.

Neth, Norbert: *See—*

Meissner, Ruprecht; and Neth, Norbert, 4,539,309, Cl. 502-247.000.

Nethe, Frank R.: *See—*

Nethe, Hans W.; and Nethe, Frank R., 4,560,588, Cl. 427-215.000.

Nethe, Hans W.; and Nethe, Frank R., to Degussa Aktiengesellschaft. Method of consolidating sand. 4,560,588, 12-24-85, Cl. 427-215.000.

Netherway, David C.: *See—*

Trickey, Peter W.; Netherway, David C.; and Clifford, William S., 4,525,010, Cl. 297-216.000.

Netlon Limited: *See—*

Mercer, Frank B.; and Martin, Keith F., 4,521,368, Cl. 264-514.000.

Netravali, Arun N.: *See—*

Budrikis, Zigmantas L.; and Netravali, Arun N., 4,554,656, Cl. 370-85.000.

Maxemchuk, Nicholas F.; and Netravali, Arun N., 4,534,024, Cl. 370-85.000.

Netsky, Margaret. Patient's gown. 4,547,907, 10-22-85, Cl. 2-114.000.

Netsu Kogyo Kabushiki Kaisha: *See—*

Sunakawa, Kiyoshi; and Maruyama, Shinichi, 4,504,220, Cl. 432-72.000.

Netter, Jean: *See—*

Pottgens, Anton, 4,526,049, Cl. 74-87.000.

Netter, Michel: *See—*

Marchais, Jean; and Netter, Michel, 4,558,550, Cl. 52-309.700.

Netter, Zvi: *See—*

Fenster, Paul; Netter, Zvi; and Shimoni, Yair, 4,555,728, Cl. 358-111.000.

Nettesheim, Daniel R.; and Kufrin, Fred W., to Schwaab Inc. Type band ink stamp. 4,492,162, 1-8-85, Cl. 101-103.000.

Nettleton, Donald E., Jr.; Bush, James A.; Bradner, William T.; and Doyle, Terrence W., to Bristol-Myers Company. Process for producing rebeccamycin. 4,552,842, 11-12-85, Cl. 435-75.000.

Nettleton, John E.; and Barr, Dallas N., to United States of America, Army. Laser system with partitioned prism. 4,507,790, 3-26-85, Cl. 372-100.000.

Netto, Daniel J.: *See—*

Sobin, Sidney S., and Netto, Daniel J., 4,509,877, Cl. 403-41.000.

Neturen Co., Ltd.: *See—*

Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.

Networks Electronic Corp.: *See—*

Patrichi, Mihai D.; and Evanson, Delbert L., 4,527,025, Cl. 200-61.080.

Netzer, David, to Randall Corporation, The. Carbon dioxide hydrocarbons separation process utilizing liquid-liquid extraction. 4,547,209, 10-15-85, Cl. 62-17.000.

Netzer, Yishay. Vertical indicating method and device. 4,517,750, 5-21-85, Cl. 33-396.000.

Netznik, Frederick P. Upright bicycle for handicapped. 4,524,988, 6-25-85, Cl. 280-208.000.

Netznik, Frederick P. Adjustable molding frame. 4,525.130, 6-25-85, Cl. 425-2.000.

Neu, Frank D.: *See—*

Jerome, Jonathan A.; Neu, Frank D.; and Wohlmut, Peter G., 4,536,866, Cl. 369-112.000.

Neu, Hermann; and Roscher, Gunter, to Hoechst Aktiengesellschaft. Process for the preparation of unsaturated aliphatic carboxylic acids. 4,502,993, 3-5-85, Cl. 260-415.000.

Neu, Joseph: *See—*

Liesch, Jean; Metzdorf, Jacques; Meyers, Andre; Neu, Joseph; and Redo, Jean, 4,548,503, Cl. 356-373.000.

Neubauer, Gerald: *See—*

Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, 4,492,804, Cl. 564-493.000.

Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Ohlinger, Manfred; Wilfinger, Hans J.; Pfannebecker, Emil; and Duffner, Paul, 4,521,527, Cl. 502-184.000.

Neubauer, Horst: *See—*

Timpl, Rupert; Brocks, Dietrich; Neubauer, Horst; and Strecker, Helmut, 4,504,587, Cl. 436-538.000.

Neubauer, Jerry L.: *See—*

Pees, James M.; and Neubauer, Jerry L., 4,527,781, Cl. 267-64.240.

Neubauer, Wilhelm; and Werner, Hans, to Werner & Pfleiderer. Apparatus for processing viscous substances or substances which become viscous through processing. 4,514,090, 4-30-85, Cl. 366-91.000.

Neubert, Werner: *See—*

Armbruster, Gerhard; Neubert, Werner; and Schaal, Gunter, 4,506,711, Cl. 144-230.000.

Neubert, Wolfgang: *See—*

Schneider, Manfred; Barth, Gerhard; Barth, Johannes; and Neubert, Wolfgang, 4,553,288, Cl. 19-113.000.

Neuburger, Werner; and Gabor, Martin P., to Datapic Systems, Inc. Graphic display. 4,505,061, 3-19-85, Cl. 40-489.000.

Neudahm, Walter, to Castolin S.A. Method of depositing a metallic and/or ceramic protective layer on a substrate. 4,529,631, 7-16-85, Cl. 427-398.300.

Neuehauser, Hans J.: *See—*

Buran, Ulrich; Fischer, Manfred; and Neuehauser, Hans J., 4,542,111, Cl. 501-127.000.

Neuendorf, Cristoph: *See—*

Spittka, Horst; Eckardt, Rudolf; and Neuendorf, Cristoph, 4,519,829, Cl. 65-114.000.

Neuendorf, Hans-Cristoph: *See—*

Bartelsen, Lutz; and Neuendorf, Hans-Cristoph, 4,513,196, Cl. 219-203.000.

Derner, Paul; Eckardt, Rudolf; and Neuendorf, Hans-Cristoph, 4,516,997, Cl. 65-106.000.

Neuenschwander, Victor L. Wave activated generator. 4,539,485, 9-3-85, Cl. 290-53.000.

Neuenschwander, Victor L. Scotch yoke piston and crankshaft connection with floating crank pin. 4,559,838, 12-24-85, Cl. 74-50.000.

Neufang, Karl: *See—*

Heise, Klaus-Peter; Kuth, Robert; Neufang, Karl; Pantke, Hellmuth; and Wodemeyer, Karlfried, 4,544,372, Cl. 8-602.000.

Neufeld, Jacob, to Halliburton Company. Evaluation of the interaction with radiant energy of substances traversed by a borehole. 4,503,328, 3-5-85, Cl. 250-262.000.

Neufeld, John A. Method and apparatus for corrective osteotomy. 4,509,511, 4-9-85, Cl. 128-92.00H.

Neuffer, Kurt: *See—*

Rothley, Manfred; Zabler, Erich; Neuffer, Kurt; and Reinhart, Karl-Franz, 4,506,217, Cl. 324-208.000.

Neugebauer, Steffen, and Scharting, Gunter, to FAG Kugelfischer Georg Schafer (KGaA). Bottom plate for a bushing mounted via rolling elements on a pin. 4,553,858, 11-19-85, Cl. 384-473.000.

Neuhaus, Gunter: *See—*

Albers, Rolf; Aschenbruck, Emil; Neuhaus, Gunter; and Kotzur, Joachim, 4,523,764, Cl. 277-3.000.

Neuhaus, J. D.: *See—*

Reiffert, Werner; Peters, Dieter; and Wiendahl, Joachim, 4,515,183, Cl. 137-625.210.

Neuhaus, Wulf-Dieter: *See—*

Commer, Johann; Neuhaus, Wulf-Dieter; and Schmidt, Volkmar, 4,502,230, Cl. 34-57.00E.

Neuhauser, Gerhard: *See—*

Altenhofer, Herbert; Wintzheimer, Engelbert; and Neuhauser, Gerhard, 4,504,533, Cl. 428-70.000.

Neuhierl GmbH & Co. KG: *See—*

Neuhierl, Hermann, 4,540,119, Cl. 238-10.00R.

Neuhierl, Hermann. Motorized toy. 4,493,669, 1-15-85, Cl. 446-103.000.

Neuhierl, Hermann, to Neuhierl GmbH & Co. KG. Flexible track segment. 4,540,119, 9-10-85, Cl. 238-10.00R.

Neuhoff, Uredat, to Meiko Industrial Co., Ltd. Chair. 4,537,445, 8-27-85, Cl. 297-300.000.

Neukam, Theo; Brauer, Wolfgang; and Korte, Siegfried, to Bayer Aktiengesellschaft. Process for the production of α, β-unsaturated carboxylic acid alkyl esters sulfonated in the α-position and compounds obtainable by this process. 4,522,764, 6-11-85, Cl. 260-456.00R.

Neukam, Theo: *See—*

Brauer, Wolfgang; Korte, Siegfried; Neukam, Theo; and Suling, Carlhans, 4,535,139, Cl. 526-287.000.

Neukermans, Armand P., to Hewlett-Packard Company. Electron beam window. 4,494,036, 1-15-85, Cl. 313-420.000.

Neulinger, Franz: *See—*

Alig, Franz; Hemmerling, Horst; and Neulinger, Franz, 4,521,226, Cl. 55-21.000.

Neumaier, Anton: *See—*

Hunger, Josef; and Neumaier, Anton, 4,536,109, Cl. 408-240.000.

Neumaier, Hermann: *See—*

Hausmann, Heinz; Niessen, Heinz J.; Telle, Otto; and Neumaier, Hermann, 4,500,348, Cl. 71-103.000.

Neumaier, Hubert, to Hoechst Aktiengesellschaft. Process for making aryldichlorophosphanes. 4,536,351, 8-20-85, Cl. 260-543.00P.

Neuman, Daniel J.: *See—*

Le, Quang N.; and Neuman, Daniel J., 4,501,652, Cl. 208-57.000.

Oleck, Stephen M.; Le, Quang N.; and Neuman, Daniel J., 4,539,101, Cl. 208-251.00H.

Neuman, Eli, to PerfectData Corporation. Disk storage and display container. 4,527,692, 7-9-85, Cl. 206-444.000.

Neuman, Eli; and Whitaker, Lew, to PerfectData Corporation. Type element cleaner. 4,558,482, 12-17-85, Cl. 15-97.00R.

Neuman, Hanna: *See—*

Olsson, Sven-Gunnar; Jonson, Bjorn; and Neuman, Hanna, 4,526,188, Cl. 137-3.000.

Neumann, Albert. Earth retaining wall system. 4,514,113, 4-30-85, Cl. 405-286.000.

Neumann, Don B., to Excellon Industries. Scanning beam reference and read system. 4,523,093, 6-11-85, Cl. 250-234.000.

Neumann, Eberhard H., to American Hoechst Corporation. Method of manufacture of plastic article possessing a wet appearance. 4,519,975, 5-28-85, Cl. 264-526.000.

Neumann, Frank D.: *See—*

Caldwell, Allan L.; Hardy, Richard; and Neumann, Frank D., 4,542,866, Cl. 244-45.00A.

Neumann, Fred F.: *See—*

Hayden, Richard; and Neumann, Fred F., 4,530,540, Cl. 297-341.000.

Neumann, Fred W.: *See—*

Corbett, John M.; and Neumann, Fred W., 4,544,682, Cl. 521-142.000.

Neumann, Gerhard, to Robert Bosch GmbH. Thermal deburring apparatus and method. 4,561,839, 12-31-85, Cl. 431-6.000.

Neumann, Guenter J.: *See—*

Haley, William J.; and Neumann, Guenter J., 4,515,255, Cl. 192-3.570.

Neumann, Gunther, to Heinz Thumm Oelhydraulische Antriebe GmbH. Powered swivel connection for turning hanging loads about an upright axis. 4,528,893, 7-16-85, Cl. 91-492.000.

Neumann, Hans D. Apparatus and method for photometric measurement of oil present on human skin. 4,494,869, 1-22-85, Cl. 356-36.000.

Neumann, Hans-Jurgen; and Meisberger, Artur, to Fresenius AG. Method and apparatus for the separation of media. 4,557,719, 12-10-85, Cl. 494-37.000.

Neumann, Hans-Jurgen: *See—*

Weber, Wolfram; Neumann, Hans-Jurgen; Meisberger, Artur; and Mathieu, Bernd, 4,545,744, Cl. 417-475.000.

Neumann, Harry: *See—*

Ullmann, Werner; Bantle, Max; Neumann, Harry; Seuser, Ulrich H.; and Mathys, Andre, 4,557,075, Cl. 51-58.000.

Neumann, Helmut: *See—*

Ormanns, Siegfried; and Neumann, Helmut, 4,495,495, Cl. 340-825.450.

Neumann, Jacques, to Ateliers de Constructions Electriques de Charleroi. Simulator for training airplane pilots. 4,551,101, 11-5-85, Cl. 434-55.000.

Neumann, Joachim; Pickert, Detlef; and Emmenthal, Klaus-Dieter, to Volkswagenwerk Aktiengesellschaft. Distribution system for a two-phase fluid mixture. 4,557,874, 12-10-85, Cl. 261-19.000.

Neumann, Klaus; and Kleber, Heinrich, to E. Reichert Optische Werke AG. Cryogenic fixation apparatus. 4,545,218, 10-8-85, Cl. 62-514.00R.

Neumann, Klaus: *See—*

Seibert, Karl; Neumann, Klaus; Spiess, Ernst; and Bruil, Hendrik G., 4,521,326, Cl. 252-174.210.

Neumann, Lawrence T.; and Dissett, Walter L., to Tractech, Inc. Integral holdout ring and spring retainer for differentials. 4,524,640, 6-25-85, Cl. 74-650.000.

Neumann, Manfred; Schiller, Siegfried; ZeiBig, Gerhard; Morgner, Henry; and Jasch, Gunter, to Bakish Materials Corp. Electron beam strip-coating apparatus. 4,524,717, 6-25-85, Cl. 118-718.000.

Neumann, Manfred; Morgner, Henry; Forster, Harry; Jasch, Gunter; Kunack, Wilfried; Godenschweg, Martin; and Unganz, Peter, to Bakish Materials Corp. Electron-beam coating of very broad strips. 4,532,888, 8-6-85, Cl. 118-718.000.

Neumann, Otto W., to AMSTED Industries Incorporated. Snubbed railway car truck. 4,491,075, 1-1-85, Cl. 105-207.000.

Neumann, Peter; Etzbach, Karl-Heinz; and Hoffmann, Gerhard, to BASF Aktiengesellschaft. Electrophotographic recording material whose photoconductor layer contains a halogenated perylene dye sensitizer. 4,556,622, 12-3-85, Cl. 430-58.000.

Neumann, Peter: *See—*

Eilingsfeld, Heinz; Etzbach, Karl-Heinz; Hoffmann, Gerhard; and Neumann, Peter, 4,533,612, Cl. 430-59.000.

Graser, Fritz; Hoffmann, Gerhard; Leyrer, Reinhold J.; Neumann, Peter; and Patsch, Manfred, 4,517,270, Cl. 430-58.000.

Hahn, Erwin; and Neumann, Peter, 4,512,929, Cl. 260-453.0AR.

Hoffmann, Gerhard; and Neumann, Peter, 4,556,621, Cl. 430-49.000.

Woerner, Frank P.; Reimann, Horst; Mahnke, Harald; Neumann, Peter; Turznik, Gerhard; and Kaeppel, Hanshelmut, 4,530,940, Cl. 521-124.000.

Neumann, Stephen M.; Pearce, Glenn T.; and Sorrell, Theophilus, to Eastman Kodak Company. Ligands for metallizable dyes. 4,559,291, 12-17-85, Cl. 430-214.000.

Neumann, Stephen M.: *See—*

Brust, David P.; Neumann, Stephen M.; and Weissberger, Edward, 4,551,411, Cl. 430-216.000.

Neumann, Thomas E.: *See—*

Chupp, John P.; Ku, Audrey Y.; Neumann, Thomas E.; and Nickson, Thomas E., 4,532,353, Cl. 564-442.000.

Neumann, Ulrich: *See—*

Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, 4,544,631, Cl. 435-14.000.

Neumann, Wolfgang; Hendriock, Hans-Jurgen; and Fitz, Herbert, to Hoechst Aktiengesellschaft. Composite material of plasticized polyvinyl chloride coated with acrylic resin-fluorine-containing copolymer top coat. 4,556,589, 12-3-85, Cl. 428-35.000.

Neumann, Wolfgang: *See—*

Lindemann, Eckhard; and Neumann, Wolfgang, 4,498,108, Cl. 358-283.000.

Neumeier, Gunter F.: *See—*

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Neumeister, Alexander; and Herold, Wolf-Dietrich, to ESPE Fabrik Pharmazeutischer Praparate GmbH. Dispenser for metering dental compositions. 4,560,352, 12-24-85, Cl. 433-90.000.

Neumeyer, John L., to Northeastern University. (−)-10,11 methylenedioxy-N-N-propylnoraporphine and methods employing it for inhibiting the effects of epileptic seizures and for prevention and treatment of duodenal ulcers. 4,543,256, 9-24-85, Cl. 514-280.000.

Neumeyer, Lowell H., to Deere & Company. Tillage and seeding implement with trailing opener and press wheel gangs. 4,528,920, 7-16-85, Cl. 111-85.000.

Neumunstersche Maschinen- und Apparatebau Gesellschaft mbH (Neumag): *See—*

Bauch, Ernst, 4,528,880, Cl. 83-411.00R.

Hubner, Diethard, 4,491,282, Cl. 242-18.00A.

Neundorfer, Inc.: *See—*

Neundorfer, Mark H., 4,497,282, Cl. 122-379.000.

Neundorfer, Mark H., to Neundorfer, Inc. Apparatus for deslagging steam generator tubes. 4,497,282, 2-5-85, Cl. 122-379.000.

Neupauer, Edward J.: *See—*

Fortino, Placido S.; Haas, Laird K. S.; Hong, Siu-Ping; Lo, Wing C.; and Neupauer, Edward J., 4,558,390, Cl. 361-119.000.

Neurath, A. Robert, to New York Blood Center, Inc. Immunoassays using support-containing separate antigens and antibodies derived from an immune complex. 4,495,295, 1-22-85, Cl. 436-518.000.

Neurath, A. Robert; and Strick, Nathan, to New York Blood Center, Inc. Labeled anti-hapten antibodies and their use as a universal reagent for solid phase radio- and/or enzyme-immunoassays. 4,495,296, 1-22-85, Cl. 436-530.000.

Neurath, Alexander R.; and Horowitz, Bernard, to New York Blood Center, Inc. Undenatured virus-free biologically active protein derivatives. 4,540,573, 9-10-85, Cl. 424-85.000.

Neuray, Dieter: *See—*

Chung, James Y. J.; Neuray, Dieter; and Witman, Mark W., 4,554,314, Cl. 525-67.000.

Chung, James Y. J.; Carter, Russell P., Jr.; and Neuray, Dieter, 4,554,315, Cl. 525-67.000.

Cohnen, Wolfgang; Kircher, Klaus; Muller, Peter R.; Krishnan, Sivaram; and Neuray, Dieter, 4,552,911, Cl. 524-94.000.

Kriek, George R.; Chung, James Y. J.; Reinert, Gerard E.; and Neuray, Dieter, 4,542,177, Cl. 524-98.000.

Krishnan, Sivaram; Neuray, Dieter; Cohnen, Wolfgang; and Geisler, Klaus, 4,503,213, Cl. 528-199.000.

Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, 4,515,918, Cl. 524-504.000.

Stix, Wolfgang; Bottenbruch, Ludwig; and Neuray, Dieter, 4,518,747, Cl. 525-462.000.

Tacke, Peter; Korber, Helmut; Merten, Josef; and Neuray, Dieter, 4,499,237, Cl. 525-67.000.

Neuromedics, Inc.: *See—*

Varrichio, Anthony J.; and Gordon, Pat L., 4,553,548, Cl. 128-421.000.

Neurometrics, Inc.: *See—*

Bergelson, Michael; Fridman, Jacob; and John, Erwin R., 4,493,327, Cl. 128-731.000.

Neuroth, David H., to Harvey Hubbell Incorporated. Electrical cable for use in extreme environments. 4,532,374, 7-30-85, Cl. 174-103.000.

Neuroth, David H., to Harvey Hubbell Incorporated. Oil well electrical cable with gas conducting channel and vent. 4,536,609, 8-20-85, Cl. 174-11.00R.

Neurotronic Ltee: *See—*

Molina-Negro, Pedro; and Garceau, Roger, 4,541,432, Cl. 128-421.000.

Neuschaeffer, Karl H.; Spielau, Paul; Zoche, Gunter; and Engels, Hans-Werner, to Dynamit Nobel Aktiengesellschaft. Aqueous curable molding compositions based on inorganic ingredients and process for the production of molded parts. 4,533,393, 8-6-85, Cl. 106-18.120.

Neuschaffer, Karl-Heinz; Engels, Hans-Werner; Gebert, Hans-Jurgen; Laube, Robert W.; and Zoche, Gunter, to Dynamit Nobel Aktiengesellschaft. Machine base and process for manufacture thereof. 4,522,652, 6-11-85, Cl. 106-84.000.

Neuss, Hans W.: *See—*

Schuchardt, Kurt; Scholz, Harald; Neuss, Hans W.; and Pech, Georg, 4,552,727, Cl. 422-241.000.

Neustadt, Bernard R.; Andrews, David R.; and McNamara, Paul E., to Schering Corporation. Antihypertensive agents. 4,559,340, 12-17-85, Cl. 514-222.000.

Neustadt, Bernard R.: *See—*

Smith, Elizabeth M.; Doll, Ronald J.; and Neustadt, Bernard R., 4,511,569, Cl. 514-290.000.

Neuwirth, Helmuth: *See—*

De Luca, Paul V.; and Neuwirth, Helmuth, 4,535,379, Cl. 361-124.000.

Neuzil, Richard W.; and Hobbs, Simon H., to UOP Inc. Process for the separation of ethylbenzene. 4,497,972, 2-5-85, Cl. 585-828.000.

Neuzil, Richard W.; and Fergin, Richard L., to UOP Inc. Extraction of sucrose. 4,533,398, 8-6-85, Cl. 127-55.000.

Neuzil, Richard W.: *See—*

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,511,514, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,519,952, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,522,761, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,524,029, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,524,030, Cl. 260-419.000.

Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,529,551, Cl. 260-419.000.

Nevadunsky, Charles J.: *See—*

Carl, Louis C.; and Nevadunsky, Charles J., 4,552,174, Cl. 137-527.200.

Nevamar Corporation: *See—*

O'Dell, Robin D.; Ungar, Israel S.; and Scher, Herbert I., 4,499,137, Cl. 428-211.000.

O'Dell, Robin D.; Ungar, Israel S.; and Scher, Herbert I., 4,532,170, Cl. 428-143.000.

Ungar, Israel S.; Scher, Herbert I.; and O'Neill, Nelson L., 4,517,235, Cl. 428-148.000.

Ungar, Israel S.; Scher, Herbert I.; and O'Neill, Nelson L., 4,520,062, Cl. 428-148.000.

Neve, Arlene F., administratrix: *See—*

Kochka, Edgar L.; Tobin, Joseph M., deceased; and Neve, Arlene F., administratrix, 4,495,140, Cl. 376-207.000.

Nevel, Donald E., to Mobil Oil Corporation. Method and apparatus for ice impact testing. 4,531,400, 7-30-85, Cl. 73-12.000.

Nevens, Charles J.: *See—*

Hitchcock, James R., Jr.; and Nevens, Charles J., 4,519,795, Cl. 604-289.000.

Neveri, Istvan: *See—*

Boday, Otto; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, 4,509,434, Cl. 110-238.000.

Neves, Fernando B.: *See—*

Albers, Francis G.; and Neves, Fernando B., 4,505,558, Cl. 354-4.000.

Nevid, Jeffrey S.: *See—*

Rubenstein, Charles P.; Nevid, Jeffrey S.; and Rathus, Spencer A., 4,540,292, Cl. 368-29.000.

Neville, David M., Jr.; and Youle, Richard J., to United States of America, Health and Human Services. Prevention of graft versus host disease following bone marrow transplantation. 4,500,637, 2-19-85, Cl. 435-2.000.

Neville, David M., Jr.; and Youle, Richard J., to United States of America, Health and Human Services. Inactivating protein synthesis by incubating anti-Thy 1.1-ricin a chain monoclonal antibody hybrids with target protein cells. 4,520,011, 5-28-85, Cl. 424-85.000.

Neville, David M., Jr.; and Youle, Richard J., to United States of America, Health and Human Services. Treatment of graft versus host

disease using a mixture of T-lymphocyte specific monoclonal antibody: ricin conjugates. 4,520,226, 5-28-85, Cl. 424-85.000.
Neville, Glen F., to Arrow-Profile, Inc. Rotary workpiece treating apparatus. 4,528,938, 7-16-85, Cl. 118-711.000.
Neville, Gordon H.: *See—*
  McEntire, Edward E.; Neville, Gordon H.; and Nieh, Edward C. Y., 4,547,304, Cl. 252-79.100.
Neville, Richard E., to AMF Incorporated. Tobacco opening and conditioning apparatus. 4,554,933, 11-26-85, Cl. 131-304.000.
Neville, Richard E. G., to AMF Incorporated. Apparatus for the continuous measurement of bulk density material such as cut tobacco. 4,510,808, 4-16-85, Cl. 73-433.000.
Neville, Thomas: *See—*
  Rademacher, Darrell; Neville, Thomas; and Simpson, Roger T., 4,519,088, Cl. 377-16.000.
Nevins, Norman; McVay, Robert L.; and Bellanca, Carmen L., to Protective Treatments, Inc. Bonding system for wear surfaces. 4,542,053, 9-17-85, Cl. 428-48.000.
Nevitt, Thomas D.: *See—*
  Hopkins, P. Donald; Nevitt, Thomas D.; and Unmuth, Eugene E., 4,560,469, Cl. 208-110.000.
  Miller, Jeffrey T.; and Nevitt, Thomas D., 4,496,785, Cl. 585-640.000.
  Miller, Jeffrey T.; and Nevitt, Thomas D., 4,507,399, Cl. 502-63.000.
  Miller, Jeffrey T.; and Nevitt, Thomas D., 4,507,400, Cl. 502-63.000.
Nevo-Hacohen, Jacob I. Conveyor elevator apparatus. 4,493,414, 1-15-85, Cl. 198-800.000.
New Balance Athletic Shoe, Inc.: *See—*
  Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, 4,551,930, Cl. 36-30.00R.
  Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, 4,561,140, Cl. 12-146.0BR.
  Norton, Edward J., 4,559,722, Cl. 36-89.000.
New, Charles R., to Surbiton Pty, Ltd. Device for conveying articles of clothing. 4,529,086, 7-16-85, Cl. 206-287.100.
New Cosmos Electric Co., Ltd.: *See—*
  Sakai, Sai, 4,509,034, Cl. 338-34.000.
  Sakai, Sai, 4,535,315, Cl. 338-34.000.
New Draulics, Inc.: *See—*
  Lind, Michael A.; and Dunn, Michael R., 4,521,963, Cl. 30-92.000.
New England Deaconess Hospital: *See—*
  Madras, Peter N., 4,503,568, Cl. 3-1.400.
New England Digital Corporation: *See—*
  Alonso, Sydney A.; and Jones, Cameron W., 4,554,855, Cl. 84-122.000.
New England Institute, Inc., The: *See—*
  Casey, Adria C.; Adler, Alan D.; and Premuzic, Eugene T., 4,525,350, Cl. 424-94.000.
New England Mfg. Co.: *See—*
  Hewitt, Edward G.; and Pasquale, William D., 4,555,026, Cl. 206-521.000.
New England Power Service Company: *See—*
  Johnston, Reed H., 4,559,520, Cl. 340-310.00R.
New England Ropes, Inc.: *See—*
  Schuerch, Peter E., 4,534,163, Cl. 57-233.000.
New Fibers International: *See—*
  Gordy, John, 4,548,675, Cl. 162-26.000.
New Fibers International Inc.: *See—*
  Kauppi, Peter K., 4,552,616, Cl. 162-19.000.
New Hermes Incorporated: *See—*
  Plotkin, Victor, 4,500,236, Cl. 409-86.000.
New High Glass: *See—*
  Campello, Ugo; Racca, Enrico; Sosta, Pierluigi; and Baggiolini, Deris, 4,555,020, Cl. 206-235.000.
New Horizons Manufacturing Ltd.: *See—*
  Zuwala, Stanley M.; and Cass, Lloyd D., 4,530,748, Cl. 204-273.000.
New Idea Corporation: *See—*
  Groeneveld, Wilbur E.; Kluver, Leroy; and Vincent, Michael T., 4,549,481, Cl. 100-98.00R.
New, James S.; and Yevich, Joseph P., to Mead Johnson & Company. 1-heteroaryl-4-(2,5-pyrrolidinedion-1-yl)alkyl)piperazine derivatives. 4,524,206, 6-18-85, Cl. 544-230.000.
New Japan Chemical Co., Ltd.: *See—*
  Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, 4,502,975, Cl. 252-315.100.
  Kobayashi, Toshiaki; and Yoshimura, Masafumi, 4,532,280, Cl. 524-108.000.
New Life Foundation: *See—*
  Mackenzie, Harold B.; and Anderson, Ingvar G., 4,517,925, Cl. 122-2.000.
New Nippon Electric Co., Ltd.: *See—*
  Katayama, Hiroomi; and Hirosawa, Yoshiaki, 4,494,518, Cl. 123-612.000.
  Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,499,875, Cl. 123-416.000.
  Katayama, Hiroomi; Hirosawa, Yoshiaki; and Fujii, Masahiko, 4,502,441, Cl. 123-416.000.
New Ohto Co., Ltd.: *See—*
  Senoh, Yasutaka, 4,539,444, Cl. 200-5.00R.
New Process Industries, Inc.: *See—*
  Benson, Glendon M., 4,512,150, Cl. 60-526.000.
New Products I, Ltd.: *See—*
  Geschwender, Robert C., 4,557,200, Cl. 108-132.000.
New Regina Corporation: *See—*
  Gromek, Francis S.; and Haines, William F., Sr., 4,549,779, Cl. 339-58.000.
New York Blood Center, Inc.: *See—*
  Blomback, Birger; and Okada, Masahisa, 4,505,817, Cl. 210-484.000.
  Blomback, Birger; and Okada, Masahisa, 4,505,822, Cl. 210-635.000.
  Hopp, Thomas P.; and Woods, Kenneth R., 4,554,101, Cl. 260-112.50R.
  Neurath, A. Robert, 4,495,295, Cl. 436-518.000.
  Neurath, A. Robert; and Strick, Nathan, 4,495,296, Cl. 436-530.000.
  Neurath, Alexander R.; and Horowitz, Bernard, 4,540,573, Cl. 424-85.000.
New York Institute of Technology: *See—*
  Glenn, William E., 4,507,582, Cl. 310-327.000.
  Glenn, William E., 4,517,597, Cl. 358-141.000.
  Glenn, William E., 4,529,620, Cl. 427-88.000.
New York State Energy Research and Development Authority: *See—*
  Walmet, Gunnar E., 4,510,920, Cl. 126-415.000.
New York Telephone Company: *See—*
  Ellison, Edward; and Gruber, Otto R., 4,548,448, Cl. 339-17.00C.
New York University: *See—*
  Abele, Manlio, 4,501,009, Cl. 378-19.000.
  John, Erwin R., 4,557,270, Cl. 128-731.000.
  Lehneis, Hans R.; and Wilson, Robert G., 4,520,512, Cl. 3-22.000.
  Maas, Renata, 4,533,628, Cl. 435-6.000.
  Rosenberg, Martin J., 4,530,784, Cl. 260-112.00R.
New Zealand Government Property Corporation: *See—*
  Mason, Ross S.; and Ellis, Peter J., 4,495,416, Cl. 250-338.000.
Newall, Christopher E.: *See—*
  O'Callaghan, Cynthia H.; Ayres, Barry E.; Livermore, David G. H.; Newall, Christopher E.; and Weir, Niall G., 4,504,477, Cl. 514-203.000.
Newall Engineering Company Limited, The: *See—*
  Fisher, Allan J., 4,501,093, Cl. 51-165.710.
Neward, Lance M. Closure for receptacle. 4,544,063, 10-1-85, Cl. 206-540.000.
Newberg, Barry M., to Emerson Electric Co. Dynamoelectric machine having means for draining water from endshield. 4,535,262, 8-13-85, Cl. 310-88.000.
Newberry, Alfred L.; and Lassak, Francis A., to Magnetic Peripherals Inc. Process for producing high precision apertures in plastic components. 4,495,129, 1-22-85, Cl. 264-235.000.
Newberry, Michael E., to Petrolite Corporation. Particulate compositions. 4,518,509, 5-21-85, Cl. 252-8.300.
Newbill, Leston L. Game with two separated electrically-connected boards. 4,541,633, 9-17-85, Cl. 273-238.000.
Newbold, F. E. Dixon: *See—*
  Levine, Edward H.; and Newbold, F. E. Dixon, 4,542,839, Cl. 224-36.000.
Newbold, Roger A., to Mattel, Inc. Record disc, turntable and method for fixing same. 4,532,622, 7-30-85, Cl. 369-271.000.
Newbower, Ronald S.: *See—*
  Burroughs, Robert H.; Wright, John D.; Secunda, Jeffrey A.; and Newbower, Ronald S., 4,537,128, Cl. 101-407.0BP.
Newburg, Betty, executrix: *See—*
  Newburg, Norman R., deceased, 4,496,668, Cl. 521-91.000.
  Newburg, Norman R., deceased, 4,535,097, Cl. 521-139.000.
Newburg, Norman R., deceased (by Newburg, Betty, executrix), to Hercules Incorporated. Cellular thermoset poly(dicyclopentadiene). 4,496,668, 1-29-85, Cl. 521-91.000.
Newburg, Norman R., deceased (by Newburg, Betty, executrix), to Hercules Incorporated. Cellular thermoset poly (dicyclopentadiene). 4,535,097, 8-13-85, Cl. 521-139.000.
Newbury, Arthur D., to Contrawl Limited. Stackable container for use in a containerization system. 4,498,584, 2-12-85, Cl. 206-510.000.
Newby, Gerald R. Steam-sieve method and apparatus. 4,518,400, 5-21-85, Cl. 55-68.000.
Newby, John C. Irrigation/fertilization control and distribution system. 4,527,353, 7-9-85, Cl. 47-59.000.
Newcomb, Donald R. Trap vertical antenna with parallel L-C circuits for broadbanding. 4,496,952, 1-29-85, Cl. 343-722.000.
Newelec Pretoria Ltd.: *See—*
  Loudon, Stuart D., 4,547,720, Cl. 318-782.000.
Newell, Alfred T., Jr.; and Newell, Alfred T., III, to A. T. Newell Co. Inc. Environmental control system. 4,535,601, 8-20-85, Cl. 62-171.000.
Newell, Alfred T., Jr.: *See—*
  Newell, Alfred T., III; and Newell, Alfred T., Jr., 4,534,406, Cl. 165-12.000.
Newell, Alfred T., III; and Newell, Alfred T., Jr., to A. T. Newell Co. Inc. Thermostat. 4,534,406, 8-13-85, Cl. 165-12.000.
Newell, Alfred T., III: *See—*
  Newell, Alfred T., Jr.; and Newell, Alfred T., III, 4,535,601, Cl. 62-171.000.
Newell, Alton S.; Newell, Alton S., Jr.; Popovich, Paul D.; and Ewing, John R., to Newell Manufacturing Company. Hammer mill having capped disc rotor. 4,504,019, 3-12-85, Cl. 241-73.000.
Newell, Alton S., Jr.: *See—*
  Newell, Alton S.; Newell, Alton S., Jr.; Popovich, Paul D.; and Ewing, John R., 4,504,019, Cl. 241-73.000.
Newell, Chester W., to Newell Research Corporation. ANSI-compatible tape cartridge with oversize tape width. 4,502,648, 3-5-85, Cl. 242-192.000.

Newell Companies, Inc.: *See—*
  Graves, Delbert E.; and Craft, George E., 4,539,239, Cl. 428-43.000.
  Kornely, Edward B.; and Paul, Gerald T., 4,508,768, Cl. 428-35.000.
  Nelson, John M., 4,526,532, Cl. 431-255.000.
Newell, Gerald R.: *See—*
  Flanner, Philip D.; Morris, Harold D.; and Newell, Gerald R., 4,538,203, Cl. 361-159.000.
Newell, John H. Valve for furnace stack pipe. 4,543,941, 10-1-85, Cl. 126-293.000.
Newell Manufacturing Company: *See—*
  Newell, Alton S.; Newell, Alton S., Jr.; Popovich, Paul D.; and Ewing, John R., 4,504,019, Cl. 241-73.000.
Newell Research Corporation: *See—*
  Newell, Chester W., 4,502,648, Cl. 242-192.000.
Newell, Richard G.; and Wolf, Stephen F., to Minnesota Mining and Manufacturing Company. Curable substituted urethane acrylates. 4,508,916, 4-2-85, Cl. 556-420.000.
Newell, Richard G.: *See—*
  Korbel, Gerald E.; and Newell, Richard G., 4,503,161, Cl. 502-159.000.
Newell, S. David; Matko, William F.; Onoratti, James L.; and Parrott, Lawrence H., to Alco Industries, Inc. Method of making a composite thread protector. 4,549,337, 10-29-85, Cl. 29-527.400.
Newendorp, Bruce C.; Sturtz, Terry L.; and Anderson, Lawrence V., to Deere & Company. Steering pressure-responsive differential lock control system. 4,559,847, 12-24-85, Cl. 74-710.500.
Newgard, Peter J.: *See—*
  Slemmons, Arthur J.; and Newgard, Peter J., 4,515,151, Cl. 126-450.000.
Newhouse, Denis P. Rosin bar holder. 4,515,272, 5-7-85, Cl. 206-592.000.
Newjig Limited: *See—*
  Ede, Douglas F. C.; Wilkinson, Brian S.; and Mynott, Colin B., 4,527,605, Cl. 144-286.00R.
Newkirk, Larry: *See—*
  Newkirk, Martha; and Newkirk, Larry, 4,517,412, Cl. 179-7.10R.
Newkirk, Mark C.: *See—*
  Parkell, Edward; and Newkirk, Mark C., 4,500,334, Cl. 65-334.000.
Newkirk, Martha; and Newkirk, Larry. Card-actuated telecommunication network. 4,517,412, 5-14-85, Cl. 179-7.10R.
Newland, Gordon C.; and Darnell, William R., to Eastman Kodak Company. Process for the preparation of polycarbonate polyols. 4,533,729, 8-6-85, Cl. 528-371.000.
Newman, Arnold. Plastic bobbin. 4,519,557, 5-28-85, Cl. 242-118.310.
Newman, Arnold L.: *See—*
  Fischell, Robert E.; Newman, Arnold L.; Riblet, Henry B.; and Powell, William R., 4,524,773, Cl. 128-419.00S.
Newman, David J.: *See—*
  Bowie, Betty A.; Newman, David J.; Shearer, Marcia C.; Sitrin, Robert D.; and Valenta, Joseph R., 4,548,974, Cl. 424-118.000.
Newman, Dennis W.: *See—*
  Hawkinson, Raymond P., Jr.; and Newman, Dennis W., 4,516,068, Cl. 324-54.000.
Newman, Don, to Stretch Devices, Inc. Roller for screen tensioning and printing frame. 4,525,909, 7-2-85, Cl. 29-121.100.
Newman, Donald J.: *See—*
  Dunphy, Gerald F.; and Newman, Donald J., 4,512,166, Cl. 70-366.000.
Newman, Gary H.: *See—*
  Stock, Rodney D.; and Newman, Gary H., 4,524,240, Cl. 174-68.500.
Newman, Howard F., to American Hospital Supply Corporation. Adjustable stop for dispensing syringe. 4,546,859, 10-15-85, Cl. 188-67.000.
Newman, John E., to Phillips Petroleum Company. Induction yarn heater device. 4,533,808, 8-6-85, Cl. 219-10.49A.
Newman, John W., to Laser Technology, Inc. Hologram apparatus for detecting flaws with developing chamber. 4,506,945, 3-26-85, Cl. 350-3.600.
Newman, John W.: *See—*
  Sawran, William R.; Turrill, Frank H.; Newman, John W.; and Hall, Norman W., 4,497,789, Cl. 423-447.400.
Newman, Jonathan G.: *See—*
  Dufour, Charles H.; and Newman, Jonathan G., 4,520,454, Cl. 364-900.000.
Newman, LaRue S. Building panel construction. 4,548,007, 10-22-85, Cl. 52-309.110.
Newman, Melvin S.: *See—*
  Krass, Dennis K.; Crano, John C.; and Newman, Melvin S., 4,504,671, Cl. 560-21.000.
Newman, Michael G.; and Carranza, Fermin A., Jr. Fluoride-coated dental floss. 4,548,219, 10-22-85, Cl. 132-91.000.
Newman, Neil F.; and Kowalski, Ronald C., to Exxon Research & Engineering Co. Process for the manufacture of halogenated polymers. 4,501,859, 2-26-85, Cl. 525-356.000.
Newman, Neil F.: *See—*
  Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; and Erwin, Lewis, 4,513,116, Cl. 525-53.000.
  Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,548,995, Cl. 525-354.000.
  Kowalski, Ronald C.; Davis, William M.; Newman, Neil F.; Foroulis, Z. Andrew; and Baldwin, Francis P., 4,554,326, Cl. 525-354.000.
Newman, Peter M.; and Jenkins, Anthony W., to Fisons plc. Soluble sodium cromoglycate compositions. 4,515,805, 5-7-85, Cl. 514-460.000.
Newman, Ray L.; and Hopkins, David H., to GTE Products Corporation. Heat recuperator with triple pass cross-flow ceramic core. 4,503,904, 3-12-85, Cl. 165-76.000.
Newman, Ray L.; and Hopkins, David H., to GTE Products Corporation. Method of making ceramic core heat recuperator. 4,503,905, 3-12-85, Cl. 165-76.000.
Newman, Raymond J.: *See—*
  Ellis, Roland, Jr.; Jacobs, Brian E.; March, Edward J.; and Newman, Raymond J., 4,512,509, Cl. 228-180.200.
Newman, Richard W.; Moore, William C.; and Richards, Byron A., to Welch Allyn Inc. Optical system for illuminated viewing instruments. 4,526,449, 7-2-85, Cl. 351-205.000.
Newman, Richard W.; Connors, John D.; Kugler, Andrew J.; and Loeffler, Herbert H., to Welch Allyn Inc. Pressure gauge. 4,552,153, 11-12-85, Cl. 128-677.000.
Newman, Richard W.: *See—*
  Danna, Dominick; and Newman, Richard W., 4,491,865, Cl. 358-98.000.
Newman, Robert; and Johnson, Fred, to Monolithic Memories, Inc. Process for controlling thickness of die attach adhesive. 4,545,840, 10-8-85, Cl. 156-276.000.
Newman, Robert: *See—*
  Gold, Stanley; Newman, Robert; and Lavigne, Eric, 4,561,223, Cl. 52-202.000.
Newman, Robert J.: *See—*
  Mauleon, Jean-Louis; Newman, Robert J.; and Black, Alan J., 4,556,479, Cl. 208-164.000.
Newman, Seymour: *See—*
  Meyer, Fred J.; and Newman, Seymour, 4,493,918, Cl. 524-451.000.
Newman, Stephen D.: *See—*
  Urrea, Peter D.; Doris, Geoffrey W.; and Newman, Stephen D., 4,559,897, Cl. 118-406.000.
Newman, William E., Sr.; and Farrow, Desmond J., Sr. Tankless friction boiler system. 4,554,906, 11-26-85, Cl. 122-26.000.
Newman, Wyatt S.; and Goldowsky, Michael P., to North American Philips Corporation. Long linear stroke reciprocating electric machine. 4,542,311, 9-17-85, Cl. 310-13.000.
Newnham, Robert C.: *See—*
  Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.
Newport Corporation: *See—*
  Allen, Robert E.; and Thomasson, James T., 4,496,865, Cl. 310-80.000.
  McCrickerd, John T., 4,542,956, Cl. 350-96.200.
Newport, Derek J.; and Hood, Christopher, to Johnson Matthey Public Limited Company. Memory device. 4,544,834, 10-1-85, Cl. 235-487.000.
Newport Pharmaceuticals International, Inc.: *See—*
  Gordon, Paul, 4,512,981, Cl. 514-45.000.
  Hadden, John W.; Simon, Lionel N.; and Giner-Sorolla, Alfredo, 4,510,144, Cl. 514-257.000.
  Renoux, Gerard E.; and Renoux, Micheline J., 4,529,543, Cl. 260-112.00R.
News Log International, Inc.: *See—*
  Jewer, Alan A., 4,519,054, Cl. 369-30.000.
  Jewer, Alan A., 4,532,616, Cl. 369-44.000.
  Jewer, Alan A., 4,534,031, Cl. 371-38.000.
News Vend 1, Inc.: *See—*
  Harrell, Bob G., 4,527,711, Cl. 221-244.000.
Newsam, Susan M., to Rolls-Royce Limited. Method of manufacturing a damped resonator acoustical panel. 4,504,346, 3-12-85, Cl. 156-242.000.
Newsam, Susan M.: *See—*
  Johnson, Frank C.; and Newsam, Susan M., 4,562,033, Cl. 264-510.000.
Newsom, Cosby M. Portable vacuum device and method of using same. 4,554,036, 11-19-85, Cl. 156-94.000.
Newsome, Allen L., Jr.: *See—*
  Wyatt, Philip W.; Newsome, Allen L., Jr.; Bloom, William G.; Siegel, Bernard; and Lubov, Michael, 4,508,123, Cl. 128-692.000.
Newsome, David L.; Rein, Arnold R.; Hoss, Bradley J.; and Schroeder, George O., to American Can Company. Method of making an oriented polymeric film. 4,557,780, 12-10-85, Cl. 156-244.110.
Newsome, George W.: *See—*
  Giacometti, Alberto M.; and Newsome, George W., 4,534,064, Cl. 455-601.000.
Newsome, Peter M.; Moss, Stephen F.; Beeley, Lee J.; and Burgess, Malcolm N., to Beecham Group p.l.c. Quaternary amino imidazolidines, compositions and use. 4,505,926, 3-19-85, Cl. 514-398.000.
Newsome, Peter M.; and Mullan, Noel A., to Beecham Group p.l.c. Treatment of diarrhoea. 4,520,014, 5-28-85, Cl. 424-153.000.
Newsome, Peter M.; Mullan, Noel A.; and Marshall, John P., to Beecham Group p.l.c. Amidine derivatives. 4,539,319, 9-3-85, Cl. 514-222.000.
Newsome, Peter M.: *See—*
  Beeley, Lee J.; and Newsome, Peter M., 4,558,063, Cl. 514-402.000.
Newsome, Reginald W., to Philip Morris Incorporated. Roll-your-own cigarette maker. 4,534,367, 8-13-85, Cl. 131-75.000.
Newsome, Reginald W.: *See—*
  Nichols, Walter A.; Newsome, Reginald W.; and Geiszler, Willard A., Jr., 4,526,183, Cl. 131-336.000.

Nichols, Walter A.; and Newsome, Reginald W., 4,532,943, Cl. 131-336.000.
Newton, Alan R. Speed reducer. 4,512,213, 4-23-85, Cl. 74-805.000.
Newton, Alan R. Vehicle stabilizer. 4,530,518, 7-23-85, Cl. 280-758.000.
Newton, Anthony D.; and Perkins, Geoffrey W., to Motorola, Inc. Video driver circuit and method for automatic gray scale adjustment and elimination of contrast tracking errors. 4,506,292, 3-19-85, Cl. 358-34.000.
Newton, Barry P.: *See*—
Menown, Hugh; Newton, Barry P.; and Neale, Christopher V., 4,498,181, Cl. 372-38.000.
Menown, Hugh; Newton, Barry P.; and Neale, Christopher V., 4,527,090, Cl. 313-592.000.
Newton, Charles L.; and Stuber, Wayne G., to Air Products and Chemicals, Inc. Double mixed refrigerant liquefaction process for natural gas. 4,504,296, 3-12-85, Cl. 62-31.000.
Newton, Charles L., to Air Products and Chemicals, Inc. Dual mixed refrigerant natural gas liquefaction with staged compression. 4,525,185, 6-25-85, Cl. 62-11.000.
Newton, Charles L.; Stuber, Wayne G.; and Patterson, Michael A., to Air Products and Chemicals, Inc. Deep flash LNG cycle. 4,541,852, 9-17-85, Cl. 62-11.000.
Newton, Colin: *See*—
Chisholm, Donald M.; Newton, Colin; and Winchester, Stanley W., 4,497,662, Cl. 106-92.000.
Newton, David F.; and Thompson, David J., to Imperial Chemical Industries PLC. Anthraquinone compounds. 4,493,785, 1-15-85, Cl. 252-299.100.
Newton, David F.: *See*—
Harrison, Kenneth J.; Raynes, Edward P.; Saunders, Frances C.; Thompson, David J.; and Newton, David F., 4,506,957, Cl. 350-349.000.
Newton, Donald O.: *See*—
Keppel, Stephen C.; Newton, Donald O.; and Salt, Stephen R., 4,521,910, Cl. 383-10.000.
Newton, Kevin H.: *See*—
Graef, Harry T.; and Newton, Kevin H., 4,494,747, Cl. 271-263.000.
Graef, Harry T.; Hill, Jeffrey A.; Mercer, Scott A.; Newton, Kevin H.; Sedlock, Gerald T.; and Wise, Mark J., 4,544,149, Cl. 271-107.000.
Newton, Milton A., Jr. Tilt adjustable starting block. 4,561,650, 12-31-85, Cl. 272-105.000.
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Newton, Ronald O.; and Wright, Eric, to General Signal Corporation. Fluid pressure brake control systems for freight locomotives. 4,509,801, 4-9-85, Cl. 303-8.000.
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Ng, Min-Hing, to Concord Tool and Machine Company. Collapsible kitchen utensil holder. 4,534,474, 8-13-85, Cl. 211-70.000.
Ng, Norman H.: *See*—
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Ng, Yee S., to Eastman Kodak Company. Correction of image defects in photoconductive film. 4,497,566, 2-5-85, Cl. 355-3.0CH.
Ng, Yee S.; Jarvis, James G.; and Thompson, John R., to Eastman Kodak Company. Method and apparatus for thermally-assisted grounding of an electrographic imaging member. 4,512,653, 4-23-85, Cl. 355-16.000.
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Ngan, King N.: *See*—
Nicol, Richard C.; Fenn, Brian A.; Clarke, Roger J.; and Ngan, King N., 4,504,860, Cl. 358-133.000.
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Abe, Shozo, 4,525,597, Cl. 174-52.0FP.
Hayashi, Masaru; and Okumura, Tomoyuki, 4,559,171, Cl. 252-629.000.
Ishiguro, Fujio, 4,530,751, Cl. 204-424.000.
Kaneno, Masayuki; and Kajihara, Takehiro, 4,495,116, Cl. 264-1.200.
Kaneno, Masayuki; and Oda, Isao, 4,544,607, Cl. 428-472.000.
Kato, Kazuaki; and Washizu, Tomio, 4,540,968, Cl. 337-31.000.
Kato, Kazuaki; and Nishi, Yuzo, 4,542,363, Cl. 337-31.000.
Kato, Kiminari, 4,544,327, Cl. 416-241.00B.
Kato, Kiminari, 4,550,005, Cl. 264-177.00R.
Kato, Nobuhide; and Murase, Takao, 4,512,871, Cl. 204-429.000.
Kato, Nobuhide; and Murase, Takao, 4,528,086, Cl. 204-427.000.
Kito, Kuniji; Watanabe, Akihiro; and Mori, Shigeo, 4,559,414, Cl. 174-196.000.
Kobayashi, Kazuo; Furuta, Mamoru; and Maeno, Yoshio, 4,503,356, Cl. 313-634.000.
Masaki, Hideyuki, 4,541,967, Cl. 261-95.000.
Mase, Syunzo; and Soejima, Shigeo, 4,505,783, Cl. 204-1.00T.
Mase, Syunzo; and Soejima, Shigeo, 4,505,790, Cl. 204-130.000.
Mase, Syunzo; and Soejima, Shigeo, 4,505,802, Cl. 204-425.000.
Mase, Syunzo; and Soejima, Shigeo, 4,505,803, Cl. 204-425.000.
Mase, Syunzo; and Soejima, Shigeo, 4,505,804, Cl. 204-425.000.
Mase, Syunzo; and Soejima, Shigeo, 4,505,805, Cl. 204-425.000.
Mase, Syunzo; and Soejima, Shigeo, 4,507,394, Cl. 501-94.000.
Mase, Syunzo; and Soejima, Shigeo, 4,541,898, Cl. 204-1.00T.
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Mase, Syunzo; and Soejima, Shigeo, 4,559,126, Cl. 204-425.000.
Matsuhiro, Keiji; and Matsui, Minoru, 4,535,063, Cl. 501-97.000.
Matsuhiro, Keiji; and Matsui, Minoru, 4,558,018, Cl. 501-97.000.
Matsuhiro, Keiji; and Matsui, Minoru, 4,560,669, Cl. 501-97.000.
Matsuhisa, Tadaaki, 4,539,224, Cl. 427-190.000.
Matsui, Minoru; and Tsuno, Nobuo, 4,538,562, Cl. 123-90.510.
Matsui, Minoru; and Takahashi, Tomonori, 4,542,112, Cl. 501-120.000.
Matsui, Minoru; and Takahashi, Tomonori, 4,543,346, Cl. 501-120.000.
Matsuzawa, Soichiro; and Mase, Syunzo, 4,519,870, Cl. 156-603.000.
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  - Mochida, Shigeru; Kojima, Masaru; and Kitagawa, Jun, 4,556,543, Cl. 422-171.000.
  - Nozaki, Hiroshi, 4,551,578, Cl. 174-182.000.
  - Ogawa, Yutaka; Takeuchi, Tsunezo; and Otaka, Masashi, 4,522,668, Cl. 156-89.000.
  - Ogawa, Yutaka; Yamada, Shunichi; and Hamanaka, Toshiyuki, 4,559,193, Cl. 264-60.000.
  - Soma, Takao; and Matsui, Minoru, 4,559,824, Cl. 73-432.00R.
  - Suzuki, Go; and Michishita, Kazuo, 4,513,062, Cl. 428-565.000.
  - Takeuchi, Yukihisa; and Fujita, Tadashi, 4,533,584, Cl. 428-116.000.
  - Takeuchi, Yukihisa, 4,551,357, Cl. 427-96.000.
  - Takeyuki, Mizuno, 4,552,510, Cl. 416-241.00B.
- NGK Spark Plug Co., Ltd.: *See—*
  - Ebizawa, Akio; Taguchi, Kazuo; and Okumura, Toshio, 4,507,191, Cl. 204-427.000.
  - Ebizawa, Akio; and Nishio, Hisaharu, 4,507,192, Cl. 204-428.000.
  - Ichikawa, Sadao; and Kamiya, Tuyoshi, 4,512,297, Cl. 123-179.00H.
  - Ito, Masaya; Mori, Seiji; and Ishida, Noboru, 4,557,704, Cl. 464-181.000.
  - Ito, Masaya, 4,559,277, Cl. 428-627.000.
  - Ito, Toshiharu; Ozeki, Eiji; and Okada, Kozo, 4,556,814, Cl. 310-334.000.
  - Kanbe, Rokuro; and Kimura, Kazuo, 4,532,190, Cl. 428-627.000.
  - Kondo, Kazuo; and Okuyama, Masahiko, 4,540,671, Cl. 501-9.000.
  - Miura, Kazunori; Hattori, Yoshinori; and Matsuo, Yasushi, 4,511,402, Cl. 75-233.000.
  - Nakahara, Kichio; Matsui, Hiroshi; and Yoshiyama, Harumichi, 4,532,896, Cl. 123-193.00H.
  - Sakai, Masao; Suzuki, Yasuhiko; and Sugimoto, Makoto, 4,504,411, Cl. 252-506.000.
  - Shimamori, Toru; Hattori, Yoshinori; and Matsuo, Yasushi, 4,499,192, Cl. 501-97.000.
  - Takami, Akio; Matsuura, Toshitaka; Tanaka, Kazutoshi; and Sekiya, Toshifumi, 4,532,179, Cl. 428-335.000.
  - Yamada, Tetsusyo; and Nakayama, Yutaka, 4,498,968, Cl. 204-412.000.
  - Yamada, Tetsusyo, 4,505,806, Cl. 204-425.000.
  - Yamada, Tetsusyo, 4,505,807, Cl. 204-425.000.
  - Yamamoto, Yoshihiro; Suzuki, Junichiro; and Nakamura, Minoru, 4,521,248, Cl. 75-238.000.
  - Yamamoto, Yoshihiro; and Sakurai, Kenji, 4,526,875, Cl. 501-87.000.
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- Ngo, Peter D. T., to AT&T Information Systems Inc. Liquid crystal display with electrode shielding another electrode. 4,547,042, 10-15-85, Cl. 350-334.000.
- Ngo, That T.: *See—*
  - Lenhoff, Howard M.; and Ngo, That T., 4,506,009, Cl. 435-7.000.
- Ngo, Tuan M.: *See—*
  - Tam, Johann; Ashjaee, Jalal; Kuwaki, Nobuo B.; Ngo, Tuan M.; and Kung, Susan W., 4,507,078, Cl. 432-11.000.
- Nguyen Chanh, Khe: *See—*
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- Nguyen, Chien, to Stromberg-Carlson Corp. Voltage regulation circuit. 4,535,282, 8-13-85, Cl. 323-269.000.
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  - Duhl, David N.; and Nguyen-Dinh, Xuan, 4,492,672, Cl. 420-448.000.
  - Gigliotti, Michael F. X., Jr.; Yang, Swe-Wong; Jackson, Melvin R.; Bruch, Charles A.; and Nguyen-Dinh, Xuan, 4,522,664, Cl. 148-404.000.
- Nguyen, Duyet H.: *See—*
  - Ballegeer, Jean C.; and Nguyen, Duyet H., 4,495,573, Cl. 364-200.000.
  - Ballegeer, Jean C.; and Nguyen, Duyet H., 4,541,043, Cl. 364-200.000.
- Nguyen, Hai N., to 118343 Canada Inc. Solar collector and arrangements thereof. 4,505,257, 3-19-85, Cl. 126-432.000.
- Nguyen, Hue V.: *See—*
  - George, David J.; Nguyen, Hue V.; and Yardy, Raymond, 4,495,623, Cl. 371-38.000.
- Nguyen, Hung T.: *See—*
  - Bonifanti, George; Jackson, Mark F.; Letsch, Karl H.; Longenecker, Bruce C.; Loomis, Phillip E.; Nguyen, Hung T.; Schuppert, Leo V., Jr.; Spong, Richard V.; and Paukovits, Edward J., Jr., 4,551,901, Cl. 29-564.600.
- Nguyen, Huy X.: *See—*
  - Earl, Robert B.; Larson, David B.; and Nguyen, Huy X., 4,509,598, Cl. 166-308.000.
- Nguyen, Khoa D.: *See—*
  - Karnes, Roy E., Jr.; McCaskill, Rex A.; and Nguyen, Khoa D., 4,555,773, Cl. 364-900.000.
- Nguyen, Khoi B., to Schlumberger Technology Corporation. Electrical connector. 4,500,156, 2-19-85, Cl. 339-94.00C.
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  - Shimbo, Osamu; Nguyen, Lan N.; and Dicks, Jack L., 4,500,984, Cl. 370-6.000.
- Nguyen, Minh-Tri. Switching electronic ignition. 4,522,185, 6-11-85, Cl. 123-637.000.
- N'Guyen, Quang L.: *See—*
  - Millet, Catherine; Ser, Jean-Claude; and N'Guyen, Quang L., 4,537,782, Cl. 514-774.000.
- Nguyen, Tac H.; and Husson, Alan L., to Westinghouse Electric Corp. Terminal slowdown speed pattern generator. 4,499,974, 2-19-85, Cl. 187-29.00R.
- Nguyen, Tan V. Flash contact printer. 4,502,781, 3-5-85, Cl. 355-79.000.
- Nguyen, Tan V. Camera case. 4,549,589, 10-29-85, Cl. 150-52.00J.
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- Nguyen, Thinh; Wiaux, Jean-Pol; and Vance, Christopher J., to Eltech Systems Corporation. Method of electroplating, electroplated coating and use of the coating. 4,560,446, 12-24-85, Cl. 204-58.500.
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- Nguyen, Trung H.; and Hutchins, Clinton E., to Sprague Electric Company. Production of aluminum foil capacitor electrodes. 4,537,665, 8-27-85, Cl. 204-29.000.
- Nguyen, Tuan A., to Xerox Corporation. Servicing system for reproduction machines. 4,553,830, 11-19-85, Cl. 355-14.00R.
- Nguyen, Tuan A.: *See—*
  - Federico, Anthony M.; Legg, Ernest L.; and Nguyen, Tuan A., 4,514,846, Cl. 371-16.000.
  - Lippolis, Craig S.; and Nguyen, Tuan A., 4,536,079, Cl. 355-14.00R.
  - Miazga, Dennis E.; Nguyen, Tuan A.; and Dugan, Michael T., 4,499,581, Cl. 371-20.000.
  - Smith, Eugene F.; and Nguyen, Tuan A., 4,559,801, Cl. 72-348.000.
- Nguyen, Van H., to International Telephone and Telegraph Corporation. Densitometer. 4,546,641, 10-15-85, Cl. 73-32.00A.
- Nguyen-Van-Nguyen, Jean: *See—*
  - Defeuilly, Jean P.; and Nguyen-Van-Nguyen, Jean, 4,543,661, Cl. 455-76.000.
- Nguyen, Van T.; Bellmann, Gunter; and Boussel, Francoise, to Battelle Memorial Institute. Low viscosity stable aqueous dispersion of graft carbon black. 4,530,961, 7-23-85, Cl. 524-832.000.
- Nguyen, Xuan T., to Domtar Inc. Fluidized bed sulfur dioxide removal. 4,495,163, 1-22-85, Cl. 423-244.000.
- NHK Spring Co., Ltd.: *See—*
  - Kato, Katuo, 4,494,634, Cl. 188-380.000.
  - Misumi, Atsushi; and Hiromoto, Shuji, 4,530,490, Cl. 267-47.000.
  - Ohno, Akira; and Inoue, Kanji, 4,526,628, Cl. 148-12.00B.
  - Ohno, Akira; Koyama, Hiroshi; Inoue, Kanji; and Ozawa, Hiroaki, 4,533,402, Cl. 148-12.400.
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  - Yajima, Toshio, 4,513,846, Cl. 188-380.000.
- NI Industries, Inc.: *See—*
  - Beyer, Michael J., 4,528,734, Cl. 29-159.010.
- Ni, Yang-Chou M.: *See—*
  - Darcangelo, Charles M.; Montierth, Max R.; and Ni, Yang-Chou M., 4,514,205, Cl. 65-12.000.
- Niagara Blower Company: *See—*
  - Kals, Walter, 4,494,599, Cl. 165-67.000.
  - Kals, Walter, 4,509,591, Cl. 165-122.000.
  - Kals, Walter, 4,517,805, Cl. 60-688.000.
  - Kals, Walter, 4,519,450, Cl. 165-114.000.
  - Kals, Walter, 4,531,576, Cl. 165-108.000.
- Niagara Machine & Tool Works: *See—*
  - Davis, Roy M., 4,548,095, Cl. 74-612.000.
  - Hennesen, Robert L., 4,528,868, Cl. 74-612.000.
  - Jones, Clarence O., Jr., 4,506,538, Cl. 72-481.000.
- Niagara Mohawk Power Corporation: *See—*
  - Peterson, Robert L., 4,532,028, Cl. 208-262.000.
- Niazi, Sarfaraz, to Farmacon Research Corporation. Composition and method for inhibiting the absorption of nutritional elements from the upper intestinal tract. 4,530,936, 7-23-85, Cl. 514-749.000.
- Nibbe, Bodo B.; and Hirsch, Paul. Device for cooking foods with microwaves. 4,501,946, 2-26-85, Cl. 219-10.55E.
- Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., to Honeywell Information Systems Inc. Partial defective chip memory support system. 4,523,313, 6-11-85, Cl. 371-10.000.
- Nibby, Chester M., Jr.; Goldin, Reeni; and Andrews, Timothy A., to Honeywell Information Systems Inc. Remap method and apparatus for a memory system which uses partially good memory devices. 4,527,251, 7-2-85, Cl. 364-900.000.
- Nibby, Chester M., Jr.: *See—*
  - Barlow, George J.; Nibby, Chester M., Jr.; and Johnson, Robert B., 4,558,429, Cl. 364-900.000.
  - Johnson, Robert B.; Nibby, Chester M., Jr.; and Salas, Edward R., 4,507,730, Cl. 364-200.000.
  - Salas, Edward R.; Fisher, Edwin P.; Johnson, Robert B.; Nibby, Chester M., Jr.; and Boudreau, Daniel A., 4,545,010, Cl. 364-200.000.
- Nibco Inc.: *See—*
  - Shaefer, Robert R.; and Matthews, Kenneth J., 4,514,244, Cl. 156-158.000.
- Nibert, Charles W.: *See—*
  - Beck, H. Wayne; Lochow, Charles F., Jr.; and Nibert, Charles W., 4,515,683, Cl. 208-113.000.
- Nicco Machine Tool Company Ltd.: *See—*
  - Kuromatsu, Akio, 4,532,019, Cl. 204-129.460.
- Niccum, Phillip K.; and Bunn, Dorrance P., Jr., to Texaco Inc. Catalytic cracking system. 4,514,285, 4-30-85, Cl. 208-148.000.
- Nicely, Garland L. Sponge-holding device. 4,503,579, 3-12-85, Cl. 15-244.00A.

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  - Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.
  - Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
  - Yamamoto, Tsutomu; Ashizawa, Masaaki; Nishimoto, Kazuo; and Sekiguchi, Yuji, 4,508,777, Cl. 428-280.000.
- Nichiban Co., Ltd.: *See—*
  - Ito, Toshio, 4,505,891, Cl. 424-28.000.
- Nichikeri Chemical Industry Co. Ltd.: *See—*
  - Asada, Hiroshi; Kobayashi, Kohei; and Iwama, Toshiro, 4,559,143, Cl. 210-714.000.
- Nichirin Chemical Industries Ltd.: *See—*
  - Koyama, Takahiro; Matsumura, Haruo; and Morita, Teturo, 4,508,893, Cl. 536-85.000.
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- Nichol, Charles A.: *See—*
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- Nicholas, David M., to Air Products and Chemicals, Inc. Nitrogen and phosphorus removal from wastewater. 4,522,722, 6-11-85, Cl. 210-605.000.
- Nicholas, Harry J. Game and key chain device. 4,516,776, 5-14-85, Cl. 273-146.000.
- Nicholas, James A.; and Krukowski, Richard. Manual muscle tester. 4,501,148, 2-26-85, Cl. 73-379.000.
- Nicholas, John D., to Elastomer Seals, Inc. Pavement joint seal with chevron-shaped walls. 4,522,413, 6-11-85, Cl. 277-205.000.
- Nicholas, John F.; and Salvagni, Edward A., to General Electric Company. Diode detector with linearity compensating circuit. 4,502,015, 2-26-85, Cl. 329-166.000.
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- Nicholas, Keith H., to U.S. Philips Corporation. Semiconductor device manufacture. 4,546,534, 10-15-85, Cl. 29-571.000.
- Nicholas, Leo P.; and Nicholas, Robert J. Electrical discharge machining apparatus for producing threaded holes. 4,549,061, 10-22-85, Cl. 219-69.00G.
- Nicholas, Mark L.: *See—*
  - Blum, Patricia R.; Milberger, Ernest C.; and Nicholas, Mark L., 4,518,523, Cl. 502-209.000.
  - Bremer, Noel J.; Dria, Dennis E.; Milberger, Ernest C.; Blum, Patricia R.; and Nicholas, Mark L., 4,525,471, Cl. 502-209.000.
- Nicholas, Robert J.: *See—*
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- Nicholas, Rodney G., to Nicolet Instrument Corporation. Graphic recording system. 4,500,890, 2-19-85, Cl. 346-29.000.
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- Nicholls, Douglas C.: *See—*
  - Morris, George H.; and Nicholls, Douglas C., 4,522,268, Cl. 172-518.000.
- Nicholls, Lawrence G., to Lucas Industries Limited. Suspension strut for vehicles. 4,519,481, 5-28-85, Cl. 188-322.170.
- Nicholls, Robin P., to Raytheon Company. Memory system. 4,539,657, 9-3-85, Cl. 365-45.000.
- Nichols, Charles E.: *See—*
  - Lammert, James E.; Nichols, Charles E.; and Howard, John R., 4,538,318, Cl. 15-171.000.
- Nichols, Cynthia L.; and Kornfeld, Edmund C., to Eli Lilly and Company. Trans-(±)-2,4,6-substituted-5,5a,6,7,8,9,9a,10-octahydropyrimido[4,5-g]quinolines. 4,501,890, 2-26-85, Cl. 514-267.000.
- Nichols, Cynthia L.; Kornfeld, Edmund C.; and Schaus, John M., to Eli Lilly and Company. 2-mercaptopyrimidohexahydroquinolines and related compounds. 4,507,478, 3-26-85, Cl. 544-250.000.
- Nichols, Dean P., to Mobil Oil Corporation. Method of consolidation of oil bearing sands. 4,501,328, 2-26-85, Cl. 166-288.000.
- Nichols, Edward L., III; and Harrison, Edward A., to Square D Company. Ground fault detection circuit. 4,542,432, 9-17-85, Cl. 361-44.000.
- Nichols, Galen N.: *See—*
  - Taylor, Kevin D.; and Nichols, Galen N., 4,536,889, Cl. 2-160.000.
- Nichols, Gary A., to General Motors Corporation. Fuel injection system. 4,539,962, 9-10-85, Cl. 123-470.000.
- Nichols, Gary A.: *See—*
  - Stoltman, Donald D.; and Nichols, Gary A., 4,499,879, Cl. 123-480.000.
- Nichols, Gary R.: *See—*
  - Kiess, Ronald J.; and Nichols, Gary R., 4,508,092, Cl. 123-617.000.
- Nichols, Gus. Solventless polymeric composition comprising non arylamine, polyacrylate and epoxide. 4,547,562, 10-15-85, Cl. 528-119.000.
- Nichols, James; and Markus, Franklyn M., to Markus, Franklyn M. Portable seating assembly. 4,533,179, 8-6-85, Cl. 297-440.000.
- Nichols, James D.; Derby, Richard; von dem Bussche, Glenn T.; and Hannum, David A., to Air Products and Chemicals, Inc. Inhibiting acid corrosion of metals. 4,557,838, 12-10-85, Cl. 252-8.55C.
- Nichols, James D.: *See—*
  - Fishman, Max; and Nichols, James D., 4,541,008, Cl. 358-13.000.
- Nichols, Kenneth: *See—*
  - Hooper, Ronald; and Nichols, Kenneth, 4,553,439, Cl. 74-5.400.
- Nichols, Max, to Aurora Equipment Company. Cantilever shelving rack. 4,541,344, 9-17-85, Cl. 108-108.000.
- Nichols, Ralph A. Process for producing preserved fish food and fish food produced. 4,537,785, 8-27-85, Cl. 426-332.000.
- Nichols, Ralph A.: *See—*
  - Gergely, Anthony J.; and Nichols, Ralph A., 4,554,261, Cl. 502-62.000.
- Nichols, Randy P., to FMC Corporation. Subsea well casing tieback connector. 4,519,633, 5-28-85, Cl. 285-3.000.
- Nichols, Richard A., to Rockwell International Corporation. Broadband quadrature phase modulator for control loop error generation in an IF combiner. 4,528,697, 7-9-85, Cl. 455-139.000.
- Nichols, Richard A., to Rockwell International Corporation. Phase shifter for broadband radio signal. 4,558,291, 12-10-85, Cl. 333-138.000.
- Nichols, Richard D. E., to Bianchi International. Swivel connected belt holster. 4,504,001, 3-12-85, Cl. 224-198.000.
- Nichols, Richard D. E.: *See—*
  - Bianchi, John E.; Nichols, Richard D. E.; and Gerfen, Richard, 4,542,841, Cl. 224-193.000.
- Nichols, Richard E.; and Delaruelle, Dale H., to Harris Corporation. Railroad air brake system. 4,553,723, 11-19-85, Cl. 246-167.00R.
- Nichols, Roy F., Jr., to General Electric Company. Printed circuit board laminate with arc-resistance. 4,518,646, 5-21-85, Cl. 428-248.000.
- Nichols, Walter A.; Newsome, Reginald W.; and Geiszler, Willard A., Jr., to Philip Morris Incorporated. Filter cigarette. 4,526,183, 7-2-85, Cl. 131-336.000.
- Nichols, Walter A.; and Newsome, Reginald W., to Philip Morris Incorporated. Adjustable filter cigarette. 4,532,943, 8-6-85, Cl. 131-336.000.
- Nichols, Walter A.: *See—*
  - Keritsis, Gus D.; and Nichols, Walter A., 4,510,950, Cl. 131-353.000.
- Nicholson, Charles B., to Albany International Corp. Two piece screen filter. 4,497,709, 2-5-85, Cl. 210-489.000.
- Nicholson, Chris G.: *See—*
  - Bykerk, Rocky S., 4,551,781, Cl. 361-143.000.
- Nicholson, Denzel A.: *See—*
  - Llenado, Ramon A.; Mao, Mark H. K.; and Nicholson, Denzel A., 4,536,317, Cl. 252-174.170.
- Nicholson, George R.: *See—*
  - Stewart, David E.; and Nicholson, George R., 4,493,229, Cl. 76-107.00A.
- Nicholson, James E.; and Ryan, James P., to Rudolph Beaver, Inc. Surgical blade unit. 4,497,320, 2-5-85, Cl. 128-305.000.
- Nicholson, John P., to N-Viro Energy Systems Ltd. Beneficiating waste sludges for agricultural use and product made thereby. 4,554,002, 11-19-85, Cl. 71-12.000.
- Nicholson, Margie M., to Rockwell International Corporation. Tunable electrochromic filter. 4,501,472, 2-26-85, Cl. 350-357.000.
- Nicholson, Michael P.: *See—*
  - Miller, Richard F.; and Nicholson, Michael P., 4,510,041, Cl. 208-48.0AA.
  - Miller, Richard F.; and Nicholson, Michael P., 4,511,457, Cl. 208-48.0AA.
  - Miller, Richard F.; and Nicholson, Michael P., 4,529,500, Cl. 208-48.0AA.
  - Miller, Richard F.; and Nicholson, Michael P., 4,544,794, Cl. 585-721.000.
  - Miller, Richard F.; and Nicholson, Michael P., 4,544,795, Cl. 585-721.000.
  - Miller, Richard F.; and Nicholson, Michael P., 4,556,476, Cl. 208-48.0AA.
- Nicholson, Myron D., to Union Carbide Corporation. Method for producing smoke colored and smoke flavored encased foodstuff. 4,496,595, 1-29-85, Cl. 426-284.000.
- Nicholson, Myron D.; and Chiu, Herman S., to Union Carbide Corporation. Inhibition of discoloration on cellulose food casings. 4,500,576, 2-19-85, Cl. 428-36.000.
- Nicholson, Myron D., to Union Carbide Corporation. Method for producing smoke colored and smoke flavored encased foodstuff. 4,504,501, 3-12-85, Cl. 426-284.000.
- Nicholson, Myron D., to Union Carbide Corporation. Method for preparing a tar-depleted liquid smoke composition. 4,504,507, 3-12-85, Cl. 426-533.000.
- Nicholson, Myron D.; and Chiu, Herman S., to Union Carbide Corporation. Method for inhibiting discoloration on cellulose food casings. 4,511,613, 4-16-85, Cl. 428-36.000.
- Nicholson, Myron D.; and Beckman, John H., to Union Carbide Corporation. Tar-depleted, concentrated, liquid smoke compositions. 4,540,613, 9-10-85, Cl. 428-36.000.
- Nicholson, Nicholas; Dowdy, Edward J.; Holt, David M.; and Stump, Charles J., Jr., to United States of America, Energy. Portable instrument for inspecting irradiated nuclear fuel assemblies. 4,497,769, 2-5-85, Cl. 376-257.000.
- Nicholson, Peter. Method of recording holographic images in white light image plane holograms. 4,512,624, 4-23-85, Cl. 350-3.690.
- Nicholson, Peter N.: *See—*
  - Gordon, William R.; and Nicholson, Peter N., 4,528,449, Cl. 250-352.000.
- Nicholson, Robert D., to Bardle Servovalve Company. Electromagnetic positioner for a servovalve or the like. 4,560,969, 12-24-85, Cl. 335-272.000.
- Nicholson, Roland E.: *See—*
  - Winkelman, Robert A.; and Nicholson, Roland E., 4,526,391, Cl. 280-12.00S.

- Nicholson, Terence P. Cylinder head gasket. 4,513,978, 4-30-85, Cl. 277-235.00B.
- Nicholson, Timothy J. H.; Lee, Andrew L.; and Roberts, Clifford. Shelf support. 4,508,301, 4-2-85, Cl. 248-250.000.
- Nicholson, Walter. Multi-tined claw/rake attachment. 4,517,755, 5-21-85, Cl. 37-117.500.
- Nicholson, Warren H.; and Pritchard, Dalton H., to RCA Corporation. Apparatus for frame-to-frame comb filtering composite TV signal. 4,550,340, 10-29-85, Cl. 358-31.000.
- Nicholson, William J.: *See—*
  - Akred, Brian J.; Messenger, Edward T.; and Nicholson, William J., 4,515,704, Cl. 252-135.000.
- Nichting, Robert P., to Caterpillar Tractor Co. Bearing race retention device and method. 4,549,823, 10-29-85, Cl. 384-537.000.
- Nici, Richard J.; Schramm, George W.; and Sharp, John B., to AT&T Information Systems Inc. Digital dual channel communication terminal. 4,512,017, 4-16-85, Cl. 370-110.100.
- Nici, Richard J.: *See—*
  - Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., 4,512,016, Cl. 370-110.100.
- Nicia, Antonius J. A.; and Potters, Cornelis J. T., to U.S. Philips Corporation. Optical branch coupler. 4,492,426, 1-8-85, Cl. 350-96.150.
- Nick, Charles F., to Dresser Industries, Inc. Electronic fuel control system for gas turbine. 4,506,504, 3-26-85, Cl. 60-39.281.
- Nickel, Gerhard E. B.; and Alberghini, Alfred C., to Sewell Plastics, Inc. Method of applying coating. 4,525,377, 6-25-85, Cl. 427-12.000.
- Nickel, Heinrich: *See—*
  - Munschenborn, Dieter; and Rautenbach, Robert, 4,522,342, Cl. 241-57.000.
- Nickel, Horst; and Otten, Hans-Gunter, to Bayer Aktiengesellschaft. Dyestuff mixture. 4,539,009, 9-3-85, Cl. 8-641.000.
- Nickel, Horst: *See—*
  - Beck, Ulrich; Stohr, Frank-Michael; and Nickel, Horst, 4,521,217, Cl. 8-639.000.
  - Henk, Hermann; Kramer, Erich; Schundehutte, Karl H.; and Nickel, Horst, 4,540,776, Cl. 534-635.000.
  - Stohr, Frank-Michael; and Nickel, Horst, 4,544,737, Cl. 534-605.000.
- Nickel, William H.: *See—*
  - Weigand, Francis K.; and Nickel, William H., 4,554,784, Cl. 60-39.020.
- Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., to Velsicol Chemical Corporation. 3-chlorobenzyl-3,6-dichloro-2-methoxybenzoate as a grape ripener. 4,540,431, 9-10-85, Cl. 71-107.000.
- Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., to Velsicol Chemical Corporation. 3-chlorobenzyl-3,6-dichloro-2-methoxybenzoate as a citrus ripener. 4,545,813, 10-8-85, Cl. 71-107.000.
- Nickell, Louis G.; and Stach, Leonard J. 6-amino-2-ethylthio-4-pyrimidinol as a citrus ripener. 4,559,080, 12-17-85, Cl. 71-92.000.
- Nickell, Louis G.: *See—*
  - Luteri, George F.; Stach, Leonard J.; and Nickell, Louis G., 4,546,196, Cl. 560-65.000.
- Nickels, Charles J.: *See—*
  - Lash, Edward G.; Levy, Roger; and Nickels, Charles J., 4,557,129, Cl. 72-176.000.
- Nickels, Richard C., Jr.; and Stevens, Gerald S., Jr., to General Instrument Corporation. Top loading sheet feed apparatus for printer or the like. 4,552,352, 11-12-85, Cl. 271-10.000.
- Nickerson, David L. Method of manufacturing hinged cellular insulating inserts for masonry building blocks. 4,543,229, 9-24-85, Cl. 264-46.400.
- Nickerson, Harvey R.: *See—*
  - Press, Irving D.; Nickerson, Harvey R.; and Rink, Helm A., 4,537,425, Cl. 285-55.000.
- Nickerson, Leslie F., to Albany International Corp. Forming board elements. 4,532,009, 7-30-85, Cl. 162-351.000.
- Nickerson, Mark A.: *See—*
  - Poole, John S.; Gere, Dennis R.; Bell, Raymond J.; and Nickerson, Mark A., 4,500,432, Cl. 210-659.000.
- Nickerson, Rand B.: *See—*
  - McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cullity, Joseph A.; and Stryzak, Bohdan, 4,546,382, Cl. 358-84.000.
- Nickerson, William F.: *See—*
  - Bryans, Lawrence G.; Goudey, Kenneth R.; and Nickerson, William F., 4,521,783, Cl. 343-781.00R.
- Nickisch, Klaus; Bittler, Dieter; Laurent, Henry; Wiechert, Rudolf; and Losert, Wolfgang, to Schering Aktiengesellschaft. 7α-acylthio-15,16-methylene-3-oxo-17αpregna-1,4-diene-21,17-carbolactones, their preparation and use as medicinal agents. 4,500,522, 2-19-85, Cl. 514-173.000.
- Nickisch, Klaus; Bittler, Dieter; Laurent, Henry; Wiechert, Rudolf; and Losert, Wolfgang, to Schering Aktiengesellschaft. 15,16-methylene-17α-pregna-4,6-diene-21-carboxylic acid salts, pharmaceutical preparations containing them and a process for their production. 4,542,024, 9-17-85, Cl. 514-178.000.
- Nickisch, Klaus; Laurent, Henry; Esperling, Peter; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, to Schering Aktiengesellschaft. 7α-substituted 3-oxo-17α-pregn-4-ene-21,17-carbolactones, process for their production, and pharmaceutical preparations containing same. 4,559,331, 12-17-85, Cl. 514-173.000.
- Nickisch, Klaus: *See—*
  - Bittler, Dieter; Laurent, Henry; Nickisch, Klaus; Weichert, Rudolf; and Casals-Stenzel, Jorge, 4,542,128, Cl. 514-177.000.
  - Laurent, Henry; Nickisch, Klaus; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, 4,511,565, Cl. 514-173.000.
- Nickl, Johann: *See—*
  - Bronstert, Klaus; Nickl, Johann; Krause, Hans-Joachim; and Schmitt, Werner, 4,558,104, Cl. 526-65.000.
- Nickl, Josef: *See—*
  - Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., 4,551,464, Cl. 514-312.000.
  - Narr, Berthold; Nickl, Josef; Muller, Erich; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,597, Cl. 514-228.000.
  - Roch, Josef; Muller, Erich; Narr, Berthold; Nickl, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,596, Cl. 514-232.000.
  - Roch, Josef; Nickl, Josef; Muller, Erich; Narr, Berthold; Weisenberger, Johannes; Zimmermann, Rainer; and Haarmann, Walter, 4,560,685, Cl. 514-222.000.
- Nicklas, Roger W.; Reynolds, John E.; and Schiestl, Randall L., to Honeywell Inc. Manufacture of projectiles. 4,536,928, 8-27-85, Cl. 29-1.200.
- Nickle, Allen F., to International Business Machines Corporation. Dialog user error diagnosis, severity, and help technique. 4,500,964, 2-19-85, Cl. 364-300.000.
- Nickley, Thomas A., to Cincinnati Milacron Inc. Mold changer for a press preferably an injection molding machine. 4,529,371, 7-16-85, Cl. 425-186.000.
- Nickloy, Charles H.; and Plunkett, Thomas H., to Contour Packaging, Inc. Snap-in ceiling system. 4,541,215, 9-17-85, Cl. 52-479.000.
- Nickol, Friedrich W.; and Perthes, Harald, to VDO Adolf Schindling AG. Liquid crystal display device with visibly imperceptable spacers. 4,491,391, 1-1-85, Cl. 350-339.00R.
- Nickol, Friedrich W.; and Baeger, Holm, to VDO Adolf Schindling AG. Solderable layer system. 4,500,611, 2-19-85, Cl. 428-686.000.
- Nickol, Friedrich W., to VDO Adolf Schindling AG. Solderable layer system. 4,511,634, 4-16-85, Cl. 428-686.000.
- Nickol, Friedrich W., to VDO Adolf Schindling AG. Substrate having dummy conductors to prevent solder build-up. 4,544,238, 10-1-85, Cl. 350-336.000.
- Nickol, Friedrich-Wilhelm, to VDO Adolf Schindling AG. Display device with legends formed integrally with electrode structure. 4,559,534, 12-17-85, Cl. 340-754.000.
- Nickola, Richard A.; and Agarwal, Shashi B., to Inland Steel Company. Diffusion treated hot-dip aluminum coated steel and method of treating. 4,517,229, 5-14-85, Cl. 427-383.900.
- Nickola, Richard A.; Sok, Brian A.; and Agarwal, Shashi B., to Inland Steel Company. Powder metal and/or refractory coated ferrous metals. 4,542,048, 9-17-85, Cl. 427-380.000.
- Nickoloff, Alex M. Multiple use fixture assemblies for a cutting tool. 4,538,654, 9-3-85, Cl. 144-1.00F.
- Nickolson, Robert; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; and Haberey, Martin, to Schering Aktiengesellschaft. Certain prostacyclins and their blood-pressure-lowering and thrombocyte-aggregation-inhibiting compositions and methods. 4,532,236, 7-30-85, Cl. 514-184.000.
- Nickow, Hy; Nickow, Martin A.; and Rowlett, Harold G., to General Loose Leaf Bindery Co., Inc. Easel type binder. 4,552,479, 11-12-85, Cl. 402-74.000.
- Nickow, Martin A.: *See—*
  - Nickow, Hy; Nickow, Martin A.; and Rowlett, Harold G., 4,552,479, Cl. 402-74.000.
- Nicks, Peter F.; and Young, Gillian A., to Imperial Chemical Industries PLC. Water-dilutable aqueous coating compositions. 4,552,908, 11-12-85, Cl. 523-504.000.
- Nicksic, Stephen W.; and Starke, George W., to Chevron Research Company. Well logging method using electron spin resonance signals from hydrocarbon crude. 4,560,663, 12-24-85, Cl. 436-25.000.
- Nickson Industries, Inc.: *See—*
  - Florian, Roy S., 4,519,639, Cl. 285-415.000.
- Nickson, Thomas E., to Monsanto Company. Process for separating nitration isomers of substituted benzene compounds. 4,503,276, 3-5-85, Cl. 568-936.000.
- Nickson, Thomas E.: *See—*
  - Chupp, John P.; Ku, Audrey Y.; Neumann, Thomas E.; and Nickson, Thomas E., 4,532,353, Cl. 564-442.000.
- Niclause, Michel: *See—*
  - Moll, Manfred; Bazard, Daniel; Niclause, Michel; Vincent, Louis-Marie; and Andre, Jean-Claude, 4,547,070, Cl. 356-339.000.
- Nicod, Roger: *See—*
  - Sautereau, Michel; Nicod, Roger; and Langlois, Pierre, 4,540,844, Cl. 174-3.000.
- Nicodemus, Carl D., to Helios Research Corp. Start-up for hydrokinetic amplifier. 4,545,739, 10-8-85, Cl. 417-152.000.
- Nicodemus, Joachim: *See—*
  - Fischer, Klaus; Kroschel, Heinz; Nicodemus, Joachim; and Petters, Willi, 4,498,393, Cl. 102-393.000.
- Nicol, Irene L. Dose indicator closure. 4,511,050, 4-16-85, Cl. 215-219.000.
- Nicol, James C. B. Visual sensor systems. 4,528,593, 7-9-85, Cl. 358-200.000.
- Nicol, Paul G.; and Nicol, William W. Method of altering a conventional tub for the handicapped. 4,561,160, 12-31-85, Cl. 29-401.100.
- Nicol, Richard C.; Fenn, Brian A.; Clarke, Roger J.; and Ngan, King N., to British Telecommunications. Method and apparatus for transmitting an image. 4,504,860, 3-12-85, Cl. 358-133.000.

- Nicol, Roger: *See—*
  - Bernard, Jacques; Rovel, Jean-Marie; Nicol, Roger; and Prevot, Claude, 4,561,974, Cl. 210-151.000.
- Nicol, William W.: *See—*
  - Nicol, Paul G.; and Nicol, William W., 4,561,160, Cl. 29-401.100.
- Nicola, Massimo: *See—*
  - Tricerri, Silvia Z.; Casagrande, Cesare; De Marchi, Franco; and Nicola, Massimo, 4,508,719, Cl. 514-236.000.
- Nicolai, Charles M. Earthquake-proof building with improved foundation. 4,517,778, 5-21-85, Cl. 52-167.000.
- Nicolai, Daniel W.: *See—*
  - Stiefel, Werner K.; and Nicolai, Daniel W., 4,551,480, Cl. 514-680.000.
- Nicolai, Donald R.: *See—*
  - Hanson, Oliver D.; Nicolai, Donald R.; and Strong, Les O., 4,537,194, Cl. 128-399.000.
- Nicolai, Walter. Determining and indicating the quantity of a stored material. 4,553,431, 11-19-85, Cl. 73-290.00B.
- Nicolaisen, Holger, to Danfoss A/S. Apparatus for clamping electric conductors, particularly wires. 4,505,533, 3-19-85, Cl. 339-198.00R.
- Nicolas, Alain; and Chapelain, Jean-Pierre, to Thomson-CSF Telephone. Centralized arbitration process and centralized arbiter for multiprocessor system. 4,493,022, 1-8-85, Cl. 364-200.000.
- Nicolas, Alain; and Chapelain, Jean-Pierre, to Thomson-CSF Telephone. Decentralized arbitration device for several processing units of a multiprocessor system. 4,511,959, 4-16-85, Cl. 364-200.000.
- Nicolas, Christian: *See—*
  - Cormary, Yves; and Nicolas, Christian, 4,546,917, Cl. 236-44.00C.
- Nicolas, Edgard; and Merckaert, Louis, to Solvay & Cie. Process for the manufacture of an electrode for electrochemical processes and a cathode for the electrolytic production of hydrogen. 4,534,837, 8-13-85, Cl. 204-129.000.
- Nicolas, Edgard; and Merckaert, Louis, to Solvay & Cie. Cathode for the electrolytic production of hydrogen and its use. 4,555,317, 11-26-85, Cl. 204-129.000.
- Nicolas, Jacques; and Raso, Roland, to Manufacture de Machines du Haut-Rhin. Rotating cage security device for a gyratory projectile. 4,510,869, 4-16-85, Cl. 102-240.000.
- Nicolas, Jean-Pierre, to Etablissements Augier. Modulation installation for sector supply of charge elements. 4,499,452, 2-12-85, Cl. 340-310.00A.
- Nicolas, Michel; and Prudhomme, Pierre, to La Telemecanique Electrique. System for distributing pneumatic control signals by electrical means. 4,557,292, 12-10-85, Cl. 137-596.160.
- Nicolau, Ion F.: *See—*
  - Averbuch, Marie-Therese; Durif-Varambon, Andre; Gauthier, Sylviane; Nicolau, Ion F.; and Peuzin, Jean C., 4,492,857, Cl. 250-211.00R.
- Nicolaus, Frank G., to Bally Manufacturing Corporation. Floating pawl structure providing compound angular yieldability. 4,505,167, 3-19-85, Cl. 74-577.00R.
- Nicolet Instrument Corporation: *See—*
  - Benson, Robert F., 4,536,239, Cl. 156-64.000.
  - Hyatt, James R., 4,553,109, Cl. 331-25.000.
  - Nicholas, Rodney G., 4,500,890, Cl. 346-29.000.
  - Schumann, Robert W., 4,500,182, Cl. 354-4.000.
- Nicoletti, Adolph E.: *See—*
  - Plevyak, Jerome B.; and Nicoletti, Adolph E., 4,497,488, Cl. 273-149.00R.
- Nicoletti, Michael P.: *See—*
  - Kresge, Charles T.; McWilliams, John P.; Vartuli, James C.; and Nicoletti, Michael P., 4,547,605, Cl. 585-467.000.
- Nicoli, David F.: *See—*
  - Elings, Virgil B.; and Nicoli, David F., 4,537,861, Cl. 436-518.000.
- Nicolin, Curt, to Handelsbolaget Eminent, Sven Hultman & Co. Clamping sleeve for tools or workpieces. 4,504,179, 3-12-85, Cl. 409-234.000.
- Nicoll, Andrew R., to BBC Aktiengesellschaft Brown, Boveri & Cie. High temperature protective coating alloy. 4,500,489, 2-19-85, Cl. 420-445.000.
- Nicoll, Andrew R., to BBC Aktiengesellschaft Brown, Boveri & Cie. High-temperature protection layer. 4,503,122, 3-5-85, Cl. 428-678.000.
- Nicoll, Andrew R., to BBC Aktiengesellschaft Brown, Boveri & Cie. High-temperature protective layer. 4,546,052, 10-8-85, Cl. 428-679.000.
- Nicoll, Andrew R.: *See—*
  - Gross, Franz; Wahl, Georg; and Nicoll, Andrew R., 4,537,744, Cl. 420-446.000.
- Nicolo, Pierfrancesco, to C.M.T. San Grato S.r.l. Automatic separator device for filling boxes with tubes. 4,551,963, 11-12-85, Cl. 53-148.000.
- Nicoloff, Demetre M.: *See—*
  - Possis, Zinon C.; and Nicoloff, Demetre M., 4,546,499, Cl. 623-1.000.
- Nicolon Corporation: *See—*
  - Scales, John M.; and Wolcott, Bernard F., 4,502,815, Cl. 405-17.000.
  - Scales, Michael J., 4,499,664, Cl. 29-714.000.
- Nicolosi, Carl T.; Nicolosi, Thomas F.; and McCreedy, Ryan D. Multifunction vehicular gear shift lever for snowplow operation. 4,554,751, 11-26-85, Cl. 37-234.000.
- Nicolosi, Thomas F.: *See—*
  - Nicolosi, Carl T.; Nicolosi, Thomas F.; and McCreedy, Ryan D., 4,554,751, Cl. 37-234.000.
- Nicolson, Margery, to Amgen. Hybridoma tumor cell lines and their monoclonal antibodies to human colony stimulating factor subclass number 1. 4,504,586, 3-12-85, Cl. 436-518.000.
- Nicolussi, Franco: *See—*
  - Macchi, Carla; and Nicolussi, Franco, 4,547,095, Cl. 405-206.000.
- Nicopoulos, Alex: *See—*
  - Lapple, Arnulf R.; and Nicopoulos, Alex, 4,536,185, Cl. 8-527.000.
- Nidola, Antonio; and de Nora, Oronzio, to Oronzio de Nora Impianti Elettrochimici S.p.A. Low oxygen overvoltage lead anodes. 4,548,697, 10-22-85, Cl. 204-290.00R.
- Niebel, Harald: *See—*
  - Gugel, Bernd; and Niebel, Harald, 4,552,471, Cl. 400-124.000.
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  - Blau, Heinrich; Gortz, Bernd; Grohmann, Werner; Meusel, Wolfgang; Niebergall, Heribert; and Waldmann, Hermann, 4,507,703, Cl. 361-193.000.
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- Niedballa, Ulrich; and Bottcher, Irmgard, to Schering Aktiengesellschaft. Antiinflammatory imidazole derivatives. 4,528,298, 7-9-85, Cl. 514-398.000.
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  - Meussdoerffer, Johann-Nikolaus; Niederprum, Hans; Nieder-Vahrenholz, Hans-Georg; and Bockelmann, Wolfgang, 4,500,350, Cl. 75-1.00R.
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- Niedrach, Leonard W.: *See—*
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- Niedrig, Franklin: *See—*
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- Nielsen, Bjarne M. Protecting device for transparencies. 4,548,487, 10-22-85, Cl. 353-120.000.
- Nielsen, Corine M.: *See—*
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  - Anderson, Bernard O., 4,508,059, Cl. 119-14.030.
- Nielsen, Jens O. Reclosable plastic container. 4,520,943, 6-4-85, Cl. 220-281.000.
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- Nielsen, Margaret J. Massaging tool and method for lower-eyelids and zygomatic skin. 4,554,911, 11-26-85, Cl. 128-57.000.
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  - Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; Schillinger, Ekkehard; Mannesmann, Gerda; and Nieuweboer, Bob, 4,497,830, Cl. 514-277.000.
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  - Hara, Kunio, 4,506,417, Cl. 24-115.00G.
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  - Yanada, Sadao; Honda, Naganobu; Miyagaki, Hisanori; and Nigawara, Seiitsu, 4,558,227, Cl. 290-40.00R.
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- Niggli, Guido: *See—*
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  - Hasegawa, Masayuki, 4,533,404, Cl. 148-23.000.
- Nihon Cement Co., Ltd.: *See—*
  - Goto, Takaharu; Sato, Takeshi; Sakai, Kouzou; and Ii, Motohiko, 4,547,223, Cl. 106-90.000.
- Nihon Den-Netsu: *See—*
  - Kondo, Kenshi, 4,512,510, Cl. 228-40.000.
- Nihon Den-Netsu Keiki Co., Ltd.: *See—*
  - Kondo, Kenshi, 4,530,458, Cl. 228-180.100.
  - Kondo, Kenshi, 4,535,722, Cl. 118-692.000.
- Nihon Electric Co. Ltd.: *See—*
  - Kawashima, Ryozo, 4,516,991, Cl. 55-124.000.
- Nihon Iyakuhin Kogyo Co., Ltd.: *See—*
  - Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.
- Nihon Kagaku Kogyo Co., Ltd.: *See—*
  - Hironaga, Katsuji; and Nishiura, Tadaki, 4,516,432, Cl. 73-861.040.
- Nihon Kaiheiki Kogyo Kabushiki Kaisha: *See—*
  - Ohashi, Shigeo; and Kawashima, Yoshiharu, 4,527,023, Cl. 200-11.00G.
  - Ohashi, Shigeo; and Suga, Hiroyuki, 4,535,534, Cl. 29-832.000.
- Nihon Kentetsu Co., Ltd.: *See—*
  - Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; and Takeya, Yasuo, 4,542,633, Cl. 68-12.00R.
- Nihon Kohden Corporation: *See—*
  - Harada, Hajime, 4,518,941, Cl. 336-69.000.
  - Harada, Hajime; and Kojima, Takeshi, 4,530,365, Cl. 128-696.000.
  - Kurahashi, Muneshige; and Yamamori, Shinji, 4,522,204, Cl. 128-719.000.
- Nihon Medi-Physics Co., Ltd.: *See—*
  - Arano, Yasushi; Magata, Yasuhiro; and Yokoyama, Akira, 4,559,221, Cl. 424-1.100.
  - Yokoyama, Akira; Arano, Yasushi; and Hosotani, Takeo, 4,511,550, Cl. 424-1.100.
- Nihon Nohyaku Co., Ltd.: *See—*
  - Hikawa, Masanori; and Toyoda, Ippei, 4,543,119, Cl. 71-90.000.
  - Kurono, Hitoshi; Taninaka, Kuniaki; Sugimoto, Tatsuyoshi; and Katoh, Minoru, 4,535,075, Cl. 514-96.000.
- Nihon Ouyou Kougaku Kabushiki Kaisha: *See—*
  - Arai, Akira, 4,557,055, Cl. 353-81.000.
- Nihon Parkerizing Co.: *See—*
  - Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.
- Nihon Plast Co., Ltd.: *See—*
  - Kurata, Hidenori; Inaba, Kazuo; Sugiyama, Tomokazu; and Hirata, Tomio, 4,547,655, Cl. 219-204.000.
  - Ouchi, Toshiki; and Sano, Yoshiaki, 4,546,695, Cl. 98-121.200.
  - Yamada, Tosimichi; and Yoshida, Hideo, 4,531,450, Cl. 92-37.000.
- Nihon Radiator Co., Ltd.: *See—*
  - Kondo, Hiroshi; Nadamoto, Hiroyasu; and Takamatsu, Yoshikazu, 4,557,324, Cl. 165-174.000.

  - Matsuzaki, Yoshitomi; Hayashi, Toshihiko; and Kushibiki, Keizou, 4,537,159, Cl. 123-41.270.
  - Sawabe, Mitsuo; and Imai, Kouichi, 4,523,374, Cl. 29-597.000.
- Nihon Sanmo Dyeing Co., Ltd.: *See—*
  - Tomibe, Shinji; Gomibuchi, Reizo; and Takahashi, Kiyofumi, 4,556,507, Cl. 252-518.000.
  - Tomibe, Shinji; and Murasaki, Norio, 4,556,508, Cl. 252-518.000.
- Nihon Sanso Kabushiki Kaisha: *See—*
  - Kitayama, Masayasu; Sugimori, Yoshiaki; and Ohta, Schunich, 4,535,072, Cl. 502-411.000.
  - Takahashi, Masashi; and Yamada, Minoru, 4,534,914, Cl. 261-64.00B.
- Nihon Schumacher K.K.: *See—*
  - Kuwajima, Soichi; and Sakamoto, Naojiro, 4,522,719, Cl. 210-457.000.
- Nihon Seikan Kabushiki Kaisha: *See—*
  - Kawamata, Kiyoshi; and Kawamata, Seizi, 4,533,064, Cl. 220-273.000.
- Nihon Tokushu Noyaku Seizo K.K.: *See—*
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,500,342, Cl. 71-93.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; and Shiokawa, Kozo, 4,514,210, Cl. 71-92.000.
  - Aya, Masahiro; Yasui, Kazuomi; and Kamochi, Atsumi, 4,530,717, Cl. 71-90.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,545,944, Cl. 260-545.00R.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, 4,552,586, Cl. 71-94.000.
  - Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,497,804, Cl. 514-92.000.
  - Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; and Kamochi, Atsumi, 4,500,346, Cl. 71-94.000.
  - Saito, Junichi; and Kagabu, Shinzo, 4,514,418, Cl. 514-508.000.
  - Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,535,076, Cl. 514-128.000.
  - Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, 4,556,650, Cl. 514-128.000.
  - Shiokawa, Kozo; Moriya, Koichi; Goto, Toshio; Kamochi, Atsumi; and Kohama, Shigeo, 4,559,079, Cl. 71-92.000.
- Nihon Tokushu Toryo Co., Ltd.: *See—*
  - Motoda, Masanori; Fujikawa, Atsunobu; Shuzuki, Shigeki; Suzuki, Junpei; and Nojima, Masahiro, 4,559,252, Cl. 428-57.000.
- Nihoshi, Toshiaki, to Nippon Kogaku K.K. Polarizing microscope. 4,512,640, 4-23-85, Cl. 350-510.000.
- Nihoshi, Toshiaki, to Nippon Kogaku K.K. Microscope provided with a photographing device. 4,527,869, 7-9-85, Cl. 350-502.000.
- Nii, Donald S.: *See—*
  - Kelly, Lawrence S.; Schaffran, Dean L.; and Nii, Donald S., 4,505,405, Cl. 222-135.000.
- Nii, Katsutoshi; Okano, Kinpei; and Tomioka, Shunzo, to Hitachi, Ltd. Hydraulic machine shaft seal with centrifugal removal of sand and soil particles. 4,529,209, 7-16-85, Cl. 277-3.000.
- Nii, Katsutoshi: *See—*
  - Doi, Motomichi; Okano, Kinpei; Nii, Katsutoshi; and Yokota, Yoshiharu, 4,508,396, Cl. 384-463.000.
- Nii, Riro; Toyoda, Nobuyuki; and Hojo, Akimichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Process for manufacturing a buried gate field effect transistor. 4,503,600, 3-12-85, Cl. 29-571.000.
- Niibori, Kenji; and Suda, Hisao, to Seiwa Kagaku Kabushiki Kaisha. Apparatus for winding and unwinding an elongated flexible member. 4,494,707, 1-22-85, Cl. 242-67.200.
- Niida, Chiaki: *See—*
  - Kamifuji, Hiroshi; Ito, Tomoo; and Niida, Chiaki, 4,522,175, Cl. 123-339.000.
- Niida, Hideo: *See—*
  - Denpou, Kazuo; Eto, Kazumi; and Niida, Hideo, 4,537,041, Cl. 62-199.000.
- Niida, Sadao: *See—*
  - Yoshida, Hiroshi; and Niida, Sadao, 4,536,577, Cl. 544-326.000.
- Niida, Taro: *See—*
  - Minowa, Nobuto; Fukatsu, Shunzo; Tachibana, Kunitaka; Niida, Taro; and Mase, Sadaaki, 4,499,027, Cl. 260-502.50G.
  - Minowa, Nobuto; Fukatsu, Shunzo; Niida, Taro; and Mase, Sadaaki, 4,510,102, Cl. 260-941.000.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Futkatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,497,811, Cl. 514-231.000.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Wakazawa, Tadashi; Niida, Taro; and Christensen, Burton G., 4,534,898, Cl. 260-245.300.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,556,513, Cl. 260-239.00A.
- Niigata Engineering Co., Ltd.: *See—*
  - Minato, Hideo; Fujisaki, Tadashi; Shimizu, Kazufusa; and Koyanagi, Yoshiharu, 4,559,073, Cl. 71-9.000.
  - Takahashi, Susumu, 4,512,369, Cl. 137-614.040.
  - Takahashi, Susumu, 4,519,411, Cl. 137-68.00R.
- Niigata Kisetsu Kabushiki Kaisha: *See—*
  - Awano, Koichi; Nitta, Yoshifumi; and Ibe, Satoshi, 4,554,964, Cl. 165-39.000.
- Niigata, Kunihiro: *See—*
  - Imai, Kazuo; Niigata, Kunihiro; Fujikura, Takashi; Hashimoto, Shinichi; and Takenaka, Toichi, 4,558,156, Cl. 564-85.000.
- Niiho, Masaaki; and Itagaki, Takuo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Averaging circuit. 4,523,108, 6-11-85, Cl. 307-353.000.
- Niikura, Yasuhiro: *See—*
  - Murasugi, Takashi; Morimoto, Yoshiro; Suga, Masaaki; and Niikura, Yasuhiro, 4,560,043, Cl. 192-3.310.
- Niimi, Hiroshi: *See—*
  - Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.
- Niimi, Kiwamu; and Kinoshita, Kenji, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Draft roll system for spinning machines. 4,561,152, 12-31-85, Cl. 19-244.000.
- Niimi, Morihiro, to Clarion Co., Ltd. Manufacturing method for MIS-type semiconductor device. 4,517,728, 5-21-85, Cl. 29-571.000.
- Niimi, Tomohide: *See—*
  - Takemura, Yukihito; and Niimi, Tomohide, 4,534,193, Cl. 70-218.000.
- Niimi, Yukihide; Yoshida, Seietsu; and Ohnaka, Hidemi, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Air-fuel ratio control apparatus. 4,501,242, 2-26-85, Cl. 123-440.000.
- Niimi, Yukihide; Kinoshita, Kenzi; and Urushidani, Masahiro, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Air-fuel ratio control apparatus. 4,501,243, 2-26-85, Cl. 123-440.000.
- Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, to Hodogaya Chemical Co., Ltd.; and Mochida Seiyaku Kabushiki Kaisha. 2-[(2-methoxy-5-halo)azo]-1-H-imidazoles and method of production of 2-[(2-methoxy)azo]-1-H-imidazoles. 4,507,237, 3-26-85, Cl. 260-157.000.
- Niimura, Koichi: *See—*
  - Yoshikumi, Chikao; Fujii, Takayoshi; Saito, Kenichi; Fujii, Masahiko; and Niimura, Koichi, 4,504,487, Cl. 514-492.000.
- Niimura, Kouichi: *See—*
  - Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,561, Cl. 514-209.000.
  - Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,574, Cl. 514-195.000.
  - Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,540,689, Cl. 514-196.000.
- Niimura, Shigeru: *See—*
  - Shigemitsu, Mineo; Maruyama, Ichiyo; and Niimura, Shigeru, 4,536,751, Cl. 340-545.000.
- Niimura, Yoshihisa; and Shimamura, Shin, to Sanyo Denki Co., Ltd. Motor of the permanent-magnet rotor type. 4,549,104, 10-22-85, Cl. 310-67.00R.
- Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, to National Aerospace Laboratory of Science and Technology Agency. Method of manufacturing a rocket combustion chamber. 4,508,680, 4-2-85, Cl. 419-5.000.
- Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, to Mitsubishi Denki Kabushiki Kaisha. Control device for successive rolling mill. 4,537,051, 8-27-85, Cl. 72-12.000.
- Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, to Mitsubishi Denki Kabushiki Kaisha. Control device for continuous rolling machine. 4,557,126, 12-10-85, Cl. 72-16.000.
- Niino, Shuheu; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, to Mitsubishi Denki Kabushiki Kaisha. Control device for continuous rolling machine. 4,520,642, 6-4-85, Cl. 72-8.000.
- Niinobe, Takao: *See—*
  - Yoshida, Kokichi; Niinobe, Takao; and Baba, Takashi, 4,505,788, Cl. 204-74.000.
- Niinomi, Masahiro; Okubo, Yukihiro; Igarashi, Yoshinori; and Yoshinari, Masashi, to Japan Synthetic Rubber Co., Ltd. Sealant composition. 4,546,166, 10-8-85, Cl. 528-60.000.
- Niinomi, Tatsuya; and Matsumo, Yoshio, to Hitachi, Ltd. Assembling or processing system. 4,541,770, 9-17-85, Cl. 414-730.000.
- Niinuma, Teruhisa: *See—*
  - Ohbayashi, Nobuo; Kawata, Akiho; Miya, Shuichi; and Niinuma, Teruhisa, 4,556,604, Cl. 428-323.000.
- Niiro, Makoto: *See—*
  - Ohira, Takao; Okihara, Daijiro; and Niiro, Makoto, 4,511,934, Cl. 360-55.000.
- Niitsuma, Hiroaki: *See—*
  - Konno, Junichi; Ueda, Yukihiro; Niitsuma, Hiroaki; and Chubachi, Noriyoshi, 4,501,149, Cl. 73-587.000.
- Niitsuma, Teruo; Minagawa, Shoichi; and Okamoto, Takeshi, to Clarion Co., Ltd. Surface acoustic wave device. 4,491,811, 1-1-85, Cl. 333-151.000.
- Niitsuma, Teruo: *See—*
  - Okamoto, Takeshi; Minagawa, Shoichi; and Niitsuma, Teruo, 4,531,107, Cl. 333-194.000.
- Niitti, Timo U.; and Niskala, Alvar M., to Outokumpu Oy. Procedure for providing the vanes of the stator of a flotation machine with a cover and for fixing the cover. 4,508,619, 4-2-85, Cl. 209-169.000.
- Niizeki, Kinya: *See—*
  - Takahashi, Masahiro; Hagiwara, Toshio; Nishizaki, Takao; and Niizeki, Kinya, 4,523,433, Cl. 62-60.000.

Nijboer, Jakob G.: *See—*
Immink, Kornelis A.; Nijboer, Jakob G.; Ogawa, Hiroshi; and Odaka, Kentaro, 4,501,000, Cl. 375-25.000.

Nijboer, Sjoerd: *See—*
Sahakian, Diran-Robert; Pellerin, Lucien; and Nijboer, Sjoerd, 4,511,769, Cl. 200-6.00A.

Nijhuis, Johan W., to Machinefabriek G. J. Nijhuis B.V. Method of influencing the quality, in particular the tenderness of meat of slaughtered animals by means of an electric current. 4,561,149, 12-31-85, Cl. 17-45.000.

Nijman, Aloysius J.: *See—*
Schoofs, Franciscus A. C. M.; and Nijman, Aloysius J., 4,535,303, Cl. 330-297.000.

Nijman, John P., to Allied Corporation. Method and apparatus for reshaping and polishing an end face of an optical fiber. 4,510,005, 4-9-85, Cl. 156-221.000.

Nijman, John P.: *See—*
Margolin, Mark; Grois, Igor; Herdeg, Peter K.; and Nijman, John P., 4,515,434, Cl. 350-96.210.

Nijssen, Wilhelmus P. M.: *See—*
Gravesteijn, Dirk J.; Steenbergen, Christiaan; Van der Veen, Jan; and Nijssen, Wilhelmus P. M., 4,508,811, Cl. 430-270.000.

Nikaido, Akira; Machida, Takayasu; Hirosawa, Yasuhisa; and Nakajima, Fumio, to Citizen Watch Co., Ltd. Micro stepping motor. 4,558,244, 12-10-85, Cl. 310-49.00R.

Nikaido, Koichi: *See—*
Inoue, Setsuro; Nikaido, Koichi; and Nakagome, Makoto, 4,510,192, Cl. 428-151.000.

Nikaido, Masataka: *See—*
Kawamoto, Kinji; Tsukamoto, Masao; Murase, Kazuhiro; Kaneaki, Tetsuhiko; and Nikaido, Masataka, 4,536,853, Cl. 364-718.000.

Nikaido, Masaya, to Jidosha Kiki Co., Ltd. Oil pump assembly. 4,538,966, 9-3-85, Cl. 417-288.000.

Nikaido, Tadanobu, to Nippon Telegraph & Telephone Public Corporation. Electronic time switch. 4,538,260, 8-27-85, Cl. 370-66.000.

Nikaido, Tadanobu: *See—*
Sampei, Takeshi; Miyahara, Norio; Nikaido, Tadanobu; Sato, Hiroaki; and Aoyama, Keizo, 4,512,012, Cl. 370-66.000.

Nikaido, Teruo, to Tomy Kogyo Company, Incorporated. Walking and rolling toy. 4,555,237, 11-26-85, Cl. 446-355.000.

Nikaido, Teruo: *See—*
Hoshino, Shiro; and Nikaido, Teruo, 4,529,391, Cl. 446-356.000.

Nike, Inc.: *See—*
Aarflot, Kjell, 4,514,916, Cl. 36-117.000.
Derderian, Thomas; Frederick, Edward C.; and Gross, Alexander L., 4,535,553, Cl. 36-28.000.
Derderian, Thomas; and Richard, Daniel J., 4,553,342, Cl. 36-97.000.
Mulvihill, Richard J., 4,541,186, Cl. 36-114.000.
Norton, Daniel E., 4,538,366, Cl. 36-32.00R.
Norton, Daniel E., 4,559,724, Cl. 36-129.000.

Niki, Haruo: *See—*
Fukaya, Hirokazu; and Niki, Haruo, 4,494,077, Cl. 330-295.000.

Niki, Katsumi; Inokuchi, Hiroo; Yagi, Tatsuhiko; and Nakamura, Asao, to Ajinomoto Co., Inc. Heme protein immobilized electrode and its use. 4,541,908, 9-17-85, Cl. 204-101.000.

Nikitin, Yaroslav G.: *See—*
Sidorenko, Georgy I.; Lopato, Georgy P.; Yakubovich, Vladimir M.; Nikitin, Yaroslav G.; Usachev, Oleg I.; and Vorobiev, Anatoly P., 4,499,904, Cl. 128-703.000.

Nikitushkin, Nikolai A.: *See—*
Braginsky, Yakov I.; Gultsev, Igor V.; Mitrofanov, Viktor A.; Nikitushkin, Nikolai A.; and Yaroshenko, Yury F., 4,517,707, Cl. 17-71.000.

Nikka Chemical Industry Co., Ltd.: *See—*
Ohzeki, Osamu; Shimakawa, Katsuhiko; and Mashino, Zenichi, 4,539,012, Cl. 44-51.000.
Tajima, Hiroto; Kawakami, Hironori; Mashino, Zenichi; Hayami, Seinoshin; and Ohzeki, Osamu, 4,537,600, Cl. 44-51.000.

Nikkan Industries Co., Ltd.: *See—*
Oishi, Naoaki; Shimizu, Noriyuki; Shoji, Takashi; and Harada, Shoji, 4,492,730, Cl. 428-328.000.
Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, 4,524,098, Cl. 428-156.000.
Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, 4,524,100, Cl. 428-283.000.

Nikkanen, John P.; and Griffin, James G., to United Technologies Corporation. Pressurized nacelle compartment for active clearance controlled gas turbine engines. 4,493,184, 1-15-85, Cl. 60-204.000.

Nikkel, Ronnie D.; and L'Esperance, Paul M., to Phillips Petroleum Company. Collector means for solar energy collecting system. 4,523,575, 6-18-85, Cl. 126-418.000.

Nikkel, Willem A.; and Young, John B., to Westvaco Corporation. Mobile coater. 4,495,890, 1-29-85, Cl. 118-674.000.

Nikkel, Willem A.: *See—*
DeLigt, John; and Nikkel, Willem A., 4,505,090, Cl. 53-137.000.

Nikken Chemicals Co., Ltd.: *See—*
Inoue, Yoichi; Matsumoto, Toshio; Niwa, Hirosuke; Suzuki, Kenichi; and Hoshide, Yasuo, 4,495,356, Cl. 546-268.000.

Nikken Sekkei Ltd.: *See—*
Hirano, Yutaka; and Kawai, Hiroki, 4,552,601, Cl. 156-79.000.

Nikkiso Co. Ltd.: *See—*
Miyazaki, Haruo; Yamasaki, Yasuaki; and Oshiyama, Tsutomu, 4,562,164, Cl. 501-151.000.

Nikko Co., Ltd.: *See—*
Kai, Tatsuya, 4,526,531, Cl. 431-189.000.

Nikko Kakoozai Co., Ltd.: *See—*
Hattori, Morihisa, 4,553,550, Cl. 128-505.000.

Nikko Kogyo Kabushiki Kaisha: *See—*
Katsuura, Nobuo; and Furusawa, Takashi, 4,530,615, Cl. 403-16.000.
Katsuura, Nobuo, 4,544,800, Cl. 174-65.0SS.

Nikku Industry Co., Ltd.: *See—*
Tanaka, Torata, 4,536,359, Cl. 264-102.000.

Nikkuni, Hiroharu, to Tsutsumi, Shigeru. Cap means for preventing resin from remaining in a mold of a runnerless injection molding apparatus. 4,501,550, 2-26-85, Cl. 425-549.000.

Nikles, Erwin, to Ciba-Geigy Corporation. Polyalkylpiperidines. 4,528,374, 7-9-85, Cl. 546-186.000.

Nikles, Francois: *See—*
Cleusix, Willy; and Nikles, Francois, 4,509,867, Cl. 368-321.000.

Niknejad, Jalil; and Tung, Ming-Biu, to British Gas Corporation. Gas-fired convector or convector/radiant room heating appliance. 4,531,508, 7-30-85, Cl. 126-90.00R.

Nikolaev, Georgy V.: *See—*
Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Nikolaev, Nikolai I.: *See—*
Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl. 324-65.00R.

Nikolaeva, Lilia F.: *See—*
Bondar, Ljudmila S.; Okunev, Rostan A.; Polezhaev, Lev V.; Kolchin, Sergei P.; Cherkasova, Ljudmila V.; and Nikolaeva, Lilia F., 4,495,201, Cl. 514-560.000.

Nikolaus, John G.: *See—*
Kocher, Erich J.; Szymaszek, Paul G.; and Nikolaus, John G., 4,507,064, Cl. 418-15.000.

Nikolaus, Peter: *See—*
Rutzen, Horst; Nikolaus, Peter; Bischoff, Martin; and Lehmann, Rudolf, 4,492,802, Cl. 564-292.000.

Nikolayczik, Hans, to American Standard Inc. Sanitary single-control mixer fitting. 4,513,781, 4-30-85, Cl. 137-625.410.

Nikolich, Milovan, to Signode Corporation. Portable gas-powered tool with linear motor. 4,522,162, 6-11-85, Cl. 123-46.50C.

Nikolich, Milovan, to Signode Corporation. Method of driving fasteners with a bumperless pneumatic gun. 4,549,344, 10-29-85, Cl. 29-432.000.

Nikolics, Karoly: *See—*
Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.

Nikolov, Ivan D., to Institute po Metaloznanie i Technologia na Metalite. Method and machine for pressure diecasting. 4,550,763, 11-5-85, Cl. 164-119.000.

Nikolov, Orlin A.: *See—*
Tzvetanov, Plamen V.; Chankov, Dyanko V.; Nikolov, Orlin A.; and Ivanov, Alexander L., 4,513,902, Cl. 228-25.000.

Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., to Vsesojuzny Nauchno-Issledovatelsky Experminetalno Konstruktorsky Institut Elektrobytovyky Machin I Priborov. Method and cooling agent for freezing and storing products. 4,495,776, 1-29-85, Cl. 62-114.000.

Nikomarov, Samuil S.: *See—*
Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., 4,556,398, Cl. 464-16.000.

Nikora, Robert J. Mobile self-contained video game system with instantaneously selectable game cartridges. 4,516,777, 5-14-85, Cl. 273-148.00B.

Nikutta, Wolfgang: *See—*
Frieling, Focko; Michael, Ewald; and Nikutta, Wolfgang, 4,494,015, Cl. 307-268.000.

Niles Chemical Paint Co.: *See—*
Gilvary, John P.; and Lawton, John V., 4,540,731, Cl. 524-269.000.

Niles, Gerald J.; and Sandberg, Thomas A., to Minnesota Mining and Manufacturing Company. Device for cleaning a phonograph record. 4,535,432, 8-13-85, Cl. 369-72.000.

Niles, Gerald J., to Minnesota Mining and Manufacturing Company. Device for cleaning phonograph stylus. 4,553,871, 11-19-85, Cl. 401-195.000.

Niles Parts Company, Limited: *See—*
Honjo, Kazumi, 4,500,774, Cl. 219-265.000.

Nilius, Hans-Joachim: *See—*
Muellenheim, Thomas; and Nilius, Hans-Joachim, 4,543,554, Cl. 336-83.000.

Nilles, Peter: *See—*
Binnig, Rupert; Gerlach, Gunter; Nilles, Peter; and Pankatz, Jurgen, 4,512,811, Cl. 134-10.000.

Nillesen, Antonius H. H. J.; and Welles, Petrus W. G., to U.S. Philips Corporation. Digital color television signal processing circuit. 4,514,754, 4-30-85, Cl. 358-13.000.

Nillesen, Antonius H. H. J.: *See—*

Veendrick, Hendrikus J. M.; Pfennings, Leonardus C. M. G.; Raven, Johannes G.; and Nillesen, Antonius H. H. J., 4,513,388, Cl. 364-736.000.

Nils Weibull AB: *See—*

Andersson, Sven A., 4,537,553, Cl. 414-302.000.

Herslow, Ernst H., 4,544,316, Cl. 414-144.000.

Nilsen, Arnold W. Windrow aerator. 4,524,575, 6-25-85, Cl. 56-372.000.

Nilsen, Carl J., to SWS Incorporated. Apparatus for continuously advancing and welding metal can bodies and the like. 4,497,995, 2-5-85, Cl. 219-121.0LC.

Nilssen, Andrew H.: *See—*

Ward, Jean R.; and Nilssen, Andrew H., 4,562,304, Cl. 178-18.000.

Nilssen, Ole K. Screw-in fluorescent lamp. 4,496,878, 1-29-85, Cl. 315-73.000.

Nilssen, Ole K. Full-bridge electronic inverter circuit. 4,502,107, 2-26-85, Cl. 363-133.000.

Nilssen, Ole K. Electronic ballast circuit for fluorescent lamps. 4,503,363, 3-5-85, Cl. 315-225.000.

Nilssen, Ole K. Inverter with controllable RMS output voltage magnitude. 4,506,318, 3-19-85, Cl. 363-132.000.

Nilssen, Ole K. Inverter-type ballast with ground-fault protection. 4,507,698, 3-26-85, Cl. 361-42.000.

Nilssen, Ole K. Thermally controllable variable frequency inverter. 4,513,364, 4-23-85, Cl. 363-132.000.

Nilssen, Ole K. Series-resonant electronic ballast circuit. 4,538,095, 8-27-85, Cl. 315-244.000.

Nilssen, Ole K. Electronic fluorescent lamp ballast with overload protection. 4,554,487, 11-19-85, Cl. 315-224.000.

Nilsson, Arne H. A., to Ingeniorsfirma N.D.C. Netzler & Dahlgren Co Aktiebolag. Device for indicating a certain proximity between movable units. 4,524,931, 6-25-85, Cl. 246-167.00D.

Nilsson, Bengt. Dressing device. 4,538,587, 9-3-85, Cl. 125-11.0TP.

Nilsson, Bengt-Ake: *See—*

Harstrom, Karl U.; Nilsson, Bengt-Ake; and Wheeler, Richard J., 4,495,975, Cl. 141-157.000.

Nilsson, Berndt R. Arrangement in venetian blinds. 4,531,563, 7-30-85, Cl. 160-168.00R.

Nilsson, Bruno Y., to Boliden Aktiebolag. Method and apparatus for ore prospecting utilizing an aerial transmitter and aerial receiver. 4,492,924, 1-8-85, Cl. 324-330.000.

Nilsson, Claes T.: *See—*

Jakobsen, Kjell M.; Nilsson, Claes T.; and Larsson, Lars G., 4,493,633, Cl. 425-525.000.

Jakobsen, Kjell M.; and Nilsson, Claes T., 4,511,322, Cl. 425-384.000.

Jakobsen, Kjell M.; and Nilsson, Claes T., 4,518,340, Cl. 425-393.000.

Jakobsen, Kjell M.; and Nilsson, Claes T., 4,530,811, Cl. 264-521.000.

Jakobsen, Kjell M.; and Nilsson, Claes T., 4,540,544, Cl. 264-532.000.

Nilsson, Einar W. Straightening machines and methods. 4,494,394, 1-22-85, Cl. 72-98.000.

Nilsson, Erik A., to GKN-Stenman AB. Cylinder-lock attachment means. 4,548,061, 10-22-85, Cl. 70-370.000.

Nilsson, Erling I., to Tetra Pak Developpement S.A. Laminate together with a method for its manufacture. 4,559,257, 12-17-85, Cl. 428-152.000.

Nilsson, Erling I.: *See—*

Rausing, Anders R.; and Nilsson, Erling I., 4,557,888, Cl. 264-230.000.

Nilsson, Goran A. Collapsible bow saw. 4,499,936, 2-19-85, Cl. 145-33.00E.

Nilsson, Harry. Screen machine. 4,529,509, 7-16-85, Cl. 209-270.000.

Nilsson, Jan: *See—*

Adlerborn, Jan; Larker, Hans; and Nilsson, Jan, 4,505,871, Cl. 264-325.000.

Nilsson, Karl E., to Bayern-Chemie Gesellschaft fur flugchemische Antriebe mit beschrankter Haftung. Winding attachment for safety belts in vehicles. 4,508,287, 4-2-85, Cl. 242-107.000.

Nilsson, Karl E., to Bayern-Chemie Gesellschaft fur flugchemische Antriebe mit beschrankter Haftung. Winding attachment for belts. 4,508,288, 4-2-85, Cl. 242-107.000.

Nilsson, Karl E., to Bayern-Chemie Gesellschaft fur flugchemische Antriebe mit beschrankter Haftung. Take-up mechanism for safety belts. 4,558,832, 12-17-85, Cl. 242-107.000.

Nilsson, Karl I., to Klintland. Device for collecting solid or fluid waste. 4,519,104, 5-28-85, Cl. 4-484.000.

Nilsson, Kenth, to Siemens Aktiengesellschaft. Piezoelectrically operated print head with channel matrix and method of manufacture. 4,536,097, 8-20-85, Cl. 400-126.000.

Nilsson, Kenth, to Siemens Aktiengesellschaft. Recorder operating with liquid drops and comprising elongates piezoelectric transducers rigidly connected at both ends with a jet orifice plate. 4,539,575, 9-3-85, Cl. 346-140.00R.

Nilsson, Kurt A. I., to Telefonaktiebolaget LM Ericsson. Monitoring device for integrated drive amplifiers. 4,547,740, 10-15-85, Cl. 330-2.000.

Nilsson, Lennart C. O. Firearm system with cylinder bolt mechanism. 4,547,988, 10-22-85, Cl. 42-16.000.

Nilsson, Mary Nilsson and Goran, legal representatives: *See—*

Nilsson, Vilgot, deceased, 4,525,155, Cl. 494-3.000.

Nilsson, Maths, to AB Ernol. Prefabricated shelf unit. 4,503,781, 3-12-85, Cl. 108-64.000.

Nilsson, Orjan: *See—*

Forslund, Lennart; and Nilsson, Orjan, 4,523,894, Cl. 417-161.000.

Nilsson, Robert T.: *See—*

Houle, Raymond T.; Kilbourn, Frederick A.; De Kraker, James E.; and Nilsson, Robert T., 4,546,506, Cl. 4-555.000.

Nilsson, Rolf; Bjornfoth, Hakan; and Slungaard, Knut, deceased (by Aberg, Kerstin, Guje Slungaard, legal representatives), to AB Bofors. Apparatus for winding wire on a spool. 4,543,808, 10-1-85, Cl. 72-137.000.

Nilsson, Sten E.; and Elfverson, Sven E., to Saab-Scania Aktiebolag. Arrangement for distributing ventilation air in vehicles. 4,519,302, 5-28-85, Cl. 98-2.080.

Nilsson, Sven W., to SKF Nova AB. Apparatus with a planetary gear set. 4,531,427, 7-30-85, Cl. 74-675.000.

Nilsson, Sven W., to SKF Nova AB. Coupling member for mechanism for converting linear to rotary motion. 4,559,843, 12-24-85, Cl. 74-451.000.

Nilsson, Thorsten, to Tetra Pak International AB. Guiding and braking unit for a material web. 4,534,498, 8-13-85, Cl. 226-181.000.

Nilsson, Torsten; and Jakobsen, Kjell M., to PLM Aktiebolag. Apparatus for blow molding a container having an upward bulged bottom. 4,512,735, 4-23-85, Cl. 425-526.000.

Nilsson, Vilgot, deceased (by Nilsson, Mary Nilsson and Goran, legal representatives), to Alfa-Laval Marine and Powering Engineering AB. Centrifugal separator and method of operating the same. 4,525,155, 6-25-85, Cl. 494-3.000.

Nilsson, Weimar, to Huskvarna Transportkonstruktionar AB. Locking means, particularly for truck platform flaps, and the like. 4,493,133, 1-15-85, Cl. 24-68.00T.

Nimberger, Spencer M., to General Screw Products Company. Method and apparatus for sealing valve stems. 4,556,196, 12-3-85, Cl. 251-214.000.

Nimer, Edward L.; and Campbell, Robert W., to Chevron Research Company. Sulfur cement-aggregate compositions and methods for preparing. 4,496,659, 1-29-85, Cl. 501-140.000.

Nimerick, Kenneth H.: *See—*

Parks, Christ F.; and Nimerick, Kenneth H., 4,501,775, Cl. 427-220.000.

Nimke, Helmut E.; and Thomas, William R., to UMAC, Inc.; and Brooklyn Union Gas Company, a part interest. Connector for tubular members. 4,549,752, 10-29-85, Cl. 285-55.000.

Nimmagadda, Rao R., to Smith International, Inc. Method of producing thin, hard coating. 4,540,596, 9-10-85, Cl. 427-37.000.

Nimon, Susan K.: *See—*

Kochte, Werner W.; and Nimon, Susan K., 4,554,702, Cl. 15-372.000.

Nimry, Tayseer S.; and Fields, Ellis K., to Standard Oil Company (Indiana). Dianhydrides and polyimides. 4,507,186, 3-26-85, Cl. 204-158.00R.

Nimry, Tayseer S.; and Fields, Ellis K., to Standard Oil Company (Indiana). Nonaromatic dianhydride and polyimides from tricyclo[4.2.1.$0^{2,5}$] nonane-3,4-dimethyl-3,4,7,8-tetracarboxylic acid dianhydride. 4,508,605, 4-2-85, Cl. 204-158.00R.

Nims, Dean L. Method of increasing basketball shooting accuracy and awareness. 4,546,975, 10-15-85, Cl. 273-65.00R.

Nimura, Hitoshi: *See—*

Sakura, Yasuhiro; Nakajima, Yasushi; Tajima, Noriyasu; and Nimura, Hitoshi, 4,516,208, Cl. 364-466.000.

Nimura, Yoichi: *See—*

Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Hasegawa, Teruyuki; Nimura, Yoichi; and Hiraga, Noriyuki, 4,539,043, Cl. 266-265.000.

Ninagawa, Yoichi; Yamada, Osamu; Renge, Tsumoru; Kyo, Sunao; Osaki, Takayoshi; and Kushida, Koichi, to Kuraray Co., Ltd. Process for producing isoprene. 4,511,751, 4-16-85, Cl. 585-608.000.

Ninagawa, Yoichi: *See—*

Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.

Nine, Harmon D.: *See—*

Dusman, Richard J.; and Nine, Harmon D., 4,531,395, Cl. 72-350.000.

Ninetronix, Inc.: *See—*

Drews, Robert C.; Meyer, Danny D.; Shalon, Tadmor; and Pasternak, Eliezer, 4,508,532, Cl. 604-22.000.

Nineuil, Guy, to Rhone-Poulenc Chimie de Base. Process and apparatus for discharging and degassing a slurry from an attack tank. 4,545,788, 10-8-85, Cl. 55-52.000.

Nineuil, Guy, to Rhone-Poulenc Chimie de Base. Production of phosphoric acid. 4,557,915, 12-10-85, Cl. 423-319.000.

Ning, Tak H.: *See—*

Anantha, Narasipur G.; Ning, Tak H.; and Tsang, Paul J., 4,492,008, Cl. 29-571.000.

Isaac, Randall D.; and Ning, Tak H., 4,495,512, Cl. 357-34.000.

Ninomiya, Fujio: *See—*

Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.

Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, to Hitachi, Ltd.; and Hitachi Keiyo Engineering Co., Ltd. Control apparatus for AC motors. 4,516,065, 5-7-85, Cl. 318-811.000.

Ninomiya, Hisakazu: *See—*

Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, 4,532,464, Cl. 318-807.000.

- Ninomiya, Ken; Suzuki, Keizo; and Nishimatsu, Shigeru, to Hitachi, Ltd. Surface treatment apparatus. 4,522,674, 6-11-85, Cl. 156-345.000.
- Ninomiya, Ken; Nishimatsu, Shigeru; Suzuki, Keizo; Okudaira, Sadayuki; and Ogawa, Yoshifumi, to Hitachi, Ltd. Microwave plasma etching apparatus. 4,559,100, 12-17-85, Cl. 156-345.000.
- Ninomiya, Masakazu; Suzuki, Atsushi; and Kawashima, Yutaka, to Nippondenso Co., Ltd. Method and apparatus for controlling air-fuel ratio in an internal combustion engine. 4,503,824, 3-12-85, Cl. 123-436.000.
- Ninomiya, Masakazu; Suda, Toshi; Omori, Norio; Akiyama, Susumu; and Fukaya, Hiroyasu, to Nippondenso Co., Ltd. Ignition timing control method and apparatus for internal combustion engines. 4,510,910, 4-16-85, Cl. 123-486.000.
- Ninomiya, Masakazu; and Fujimoto, Masaya, to Nippondenso Co., Ltd. Air-fuel ratio control system. 4,548,179, 10-22-85, Cl. 123-440.000.
- Ninomiya, Masakazu: *See—*
    - Suzuki, Atsushi; Ninomiya, Masakazu; and Maeda, Katuya, 4,538,578, Cl. 123-478.000.
    - Suzuki, Atsushi; Ninomiya, Masakazu; Maeda, Katsuya; and Kawashima, Yutaka, 4,550,701, Cl. 123-436.000.
- Ninomiya, Yoshinobu; Somezawa, Masashi; and Hashimoto, Akira, to Sony Corporation. Magnetic recording medium. 4,521,486, 6-4-85, Cl. 428-407.000.
- Ninomiya, Yoshinobu; and Hashimoto, Akira, to Sony Corporation. Magnetic recording medium. 4,529,661, 7-16-85, Cl. 428-425.900.
- Ninomiya, Yuichi; and Ohtsuka, Yoshimichi, to Nippon Hoso Kyokai. Noise reduction apparatus. 4,500,911, 2-19-85, Cl. 358-36.000.
- Ninomiya, Yuki; and Yagi, Haruhiko, to Pentel Kabushiki Kaisha. Ink supply device for an inking type wire dot printer. 4,545,694, 10-8-85, Cl. 400-124.000.
- Ninoyu, Yutaka: *See—*
    - Noda, Munetaka; Muto, Takahiko; Suzuki, Motoyoshi; and Ninoyu, Yutaka, 4,560,024, Cl. 180-176.000.
- Nintendo Co., Ltd.: *See—*
    - Uemura, Masayuki; Murauchi, Akitsugu; and Izushi, Takehiro, 4,521,020, Cl. 273-85.00G.
    - Yokoi, Gunpei, 4,508,336, Cl. 273-1.00L.
    - Yokoi, Gunpei; and Okada, Satoru, 4,542,903, Cl. 273-85.00G.
- Ninth Moon: *See—*
    - Stern, Marilyn M., 4,506,390, Cl. 2-221.000.
- Nio, Satoru; Sato, Shinobu; Fujii, Hajime; and Hamashima, Toyoji, to Kabushiki Kaisha Yaskawa Denki Seisakusho. Robot locus control system. 4,495,588, 1-22-85, Cl. 364-513.000.
- Nio, Satoru; Sato, Shinobu; Nobayashi, Shigemi; and Hamashima, Toyoji, to Kabushiki Kaisha Yaskawa Denki Seisakusho. Industrial articulated robot linear interpolation control device. 4,528,632, 7-9-85, Cl. 364-169.000.
- Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, to Toyo Engineering Corporation; and Mitsui Toatsu Chemicals, Inc. Granulation process. 4,501,773, 2-26-85, Cl. 427-213.000.
- Nipon Pillar Packing Co., Ltd.: *See—*
    - Ogawa, Takahisa; and Aritsubo, Hirofumi, 4,541,638, Cl. 277-9.000.
- Nippe, Burkhard: *See—*
    - Greiner, Joachim; and Nippe, Burkhard, 4,497,007, Cl. 360-114.000.
- Nippe, Waldemar: *See—*
    - Kohlmuller, Hans; and Nippe, Waldemar, 4,559,165, Cl. 252-512.000.
- Nipple, Stephen B., to Kennedy Tank & Manufacturing Company, Inc. Heat exchanger closure system. 4,557,322, 12-10-85, Cl. 165-158.000.
- Nippon Acchakutanshi Seizo Kabushiki Kaisha: *See—*
    - Matsui, Minoru; and Saijyo, Yoshihiro, 4,495,682, Cl. 29-33.00M.
    - Saijo, Yoshihiro, 4,545,634, Cl. 339-97.00P.
- Nippon Air Brake Co., Ltd.: *See—*
    - Akamatsu, Osamu; and Kitaue, Masaaki, 4,525,611, Cl. 200-83.00R.
    - Harada, Atsumu; and Arikawa, Tetsuro, 4,517,647, Cl. 364-426.000.
    - Ishiwata, Ichiro, 4,514,980, Cl. 60-534.000.
    - Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, 4,500,761, Cl. 200-84.00C.
    - Suzuki, Shoji; and Ishiwata, Ichiro, 4,540,072, Cl. 192-4.00A.
    - Tanaka, Masakatsu, 4,544,385, Cl. 55-208.000.
- Nippon Avionics Co., Ltd.: *See—*
    - Nakata, Shuji; Kawaguchi, Yoshio; and Aono, Susumu, 4,503,312, Cl. 219-117.100.
- Nippon Brown Coal Liquefaction Co., Ltd.: *See—*
    - Hirokoh, Nobuyoshi; Kageyama, Yoichi; Nakako, Yukio; and Matsumura, Tetsuo, 4,541,914, Cl. 208-10.000.
- Nippon Cable System Inc.: *See—*
    - Hamaguchi, Osamu, 4,534,233, Cl. 74-89.200.
    - Kobayashi, Tetuo; and Ohgaki, Katuyoshi, 4,502,247, Cl. 49-352.000.
    - Kobayashi, Tetuo; and Hirai, Syoichi, 4,547,993, Cl. 49-352.000.
    - Teraura, Makoto, 4,495,881, Cl. 114-159.000.
    - Teraura, Makoto; and Baba, Masanao, 4,501,218, Cl. 114-144.00R.
    - Teraura, Makoto, 4,513,680, Cl. 114-159.000.
    - Teraura, Makoto; and Baba, Masanao, 4,531,921, Cl. 440-53.000.
- Nippon Carbide Kogyo Kabushiki Kaisha: *See—*
    - Ochi, Katsura, 4,556,595, Cl. 428-143.000.
- Nippon Carbon Co., Ltd.: *See—*
    - Ishikawa, Toshikatsu; Ichikawa, Hiroshi; Imai, Yoshikazu; Hayase, Tokuji; and Nagata, Yoichi, 4,507,354, Cl. 428-245.000.
- Nippon Carburetor Co., Ltd.: *See—*
    - Satoh, Yoichi, 4,496,497, Cl. 261-41.00D.
- Nippon Chemi-Con Corporation: *See—*
    - Shimpo, Tetsuhiko; and Fujihata, Isao, 4,538,101, Cl. 323-272.000.
    - Toyama, Tatsuro; and Fujiwara, Masayuki, 4,558,399, Cl. 361-433.000.
- Nippon Chemical Plant Consultant Co., Ltd.: *See—*
    - Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, 4,528,251, Cl. 429-25.000.
- Nippon Chemiphar Co., Ltd.: *See—*
    - Masaki, Mitsuo, 4,528,194, Cl. 514-255.000.
    - Masaki, Tomoh; Kamishiro, Toshiro; Okazoe, Takashi; Kumakura, Koichi; and Masaki, Mitsuo, 4,507,297, Cl. 514-252.000.
- Nippon, Colin Co., Ltd.: *See—*
    - Kawamura, Norio; Yokoe, Hifumi; and Tsuda, Hideichi, 4,561,447, Cl. 128-687.000.
- Nippon Columbia Kabushiki Kaisha: *See—*
    - Kobayashi, Yoshikazu, 4,543,617, Cl. 358-342.000.
    - Takagi, Toshihiko; Kobayashi, Yoshikazu; Suzuki, Yoshiji; and Hara, Tsutomu, 4,519,064, Cl. 369-275.000.
- Nippon Electric Co., Ltd.: *See—*
    - Akashi, Mineo; and Kitada, Yoshitaka, 4,550,307, Cl. 340-347.0DA.
    - Akashi, Tsutomu, 4,550,390, Cl. 365-174.000.
    - Anazawa, Shinzo; Yamada, Hitoshi; Noda, Kuniharu; and Fujimoto, Yasuyuki, 4,527,010, Cl. 174-52.0FP.
    - Atobe, Masaaki; and Tagashira, Yoshimi, 4,525,676, Cl. 329-50.000.
    - Chiba, Fumitaka; and Shimizu, Kyozo, 4,525,809, Cl. 365-51.000.
    - Egami, Kazunari; Umeda, Tetsuo; Tsukakoshi, Naoto; and Nishijima, Yasuo, 4,524,453, Cl. 382-1.000.
    - Fuji, Tatsuo, 4,519,051, Cl. 365-184.000.
    - Fujita, Toshio, 4,533,838, Cl. 307-270.000.
    - Fujiwara, Ryuhei, 4,513,416, Cl. 370-100.000.
    - Fukaya, Hirokazu; and Niki, Haruo, 4,494,077, Cl. 330-295.000.
    - Fuse, Mamoru, 4,562,451, Cl. 357-13.000.
    - Hareyama, Kyuichi; Shiraki, Kenji; and Ryu, Kazuo, 4,503,421, Cl. 340-347.0DA.
    - Hareyama, Kyuichi, 4,535,257, Cl. 307-362.000.
    - Hasegawa, Satoshi, 4,500,987, Cl. 370-60.000.
    - Hatakeyama, Kenichi; and Inui, Tetsuji, 4,538,151, Cl. 343-18.00A.
    - Hibiya, Taketoshi; Ohta, Yoshinori; and Matsumi, Koichi, 4,522,473, Cl. 350-377.000.
    - Higashiguchi, Toshiaki; and Sonoda, Michiaki, 4,551,767, Cl. 358-257.000.
    - Hirai, Yoshihiko, 4,550,982, Cl. 350-357.000.
    - Hirano, Akira, 4,509,038, Cl. 340-347.0DD.
    - Hiromori, Kunio; and Tsuda, Kiyoshi, 4,523,753, Cl. 271-31.100.
    - Ichihara, Masaki, 4,509,199, Cl. 455-7.000.
    - Iijima, Yukihiko; and Kobayashi, Sadame, 4,511,920, Cl. 358-139.000.
    - Iinuma, Kazumoto, 4,499,498, Cl. 358-261.000.
    - Iinuma, Kazumoto, 4,534,055, Cl. 381-34.000.
    - Ikeda, Hiroaki, 4,542,306, Cl. 307-443.000.
    - Ikeda, Hiroaki, 4,542,484, Cl. 365-205.000.
    - Irabu, Takeru, 4,513,286, Cl. 343-5.0CF.
    - Ishihara, Hiroyuki, 4,531,236, Cl. 455-302.000.
    - Ishihara, Yasuo; Oda, Eiji; and Teranishi, Nobukazu, 4,527,182, Cl. 357-24.000.
    - Ito, Yoshinori, 4,527,020, Cl. 179-170.200.
    - Kage, Kouzou; and Watanabe, Hiroshi, 4,525,868, Cl. 455-206.000.
    - Kaneko, Takashi, 4,549,151, Cl. 332-9.00R.
    - Kashigi, Kazuo, 4,506,286, Cl. 358-13.000.
    - Kasuya, Yoshihiro, 4,536,881, Cl. 377-70.000.
    - Kawa, Masao, 4,502,754, Cl. 350-96.200.
    - Kikuchi, Yoshiyasu; Shutoh, Masamichi; Miyai, Hitoshi; and Itoh, Hidetoshi, 4,495,600, Cl. 364-900.000.
    - Kimoto, Manabu, 4,514,804, Cl. 364-200.000.
    - Kimoto, Manabu, 4,524,417, Cl. 364-200.000.
    - Kimura, Katsuji, 4,541,122, Cl. 455-236.000.
    - Kitamura, Mitsuhiro; Mito, Ikuo; and Kobayashi, Kohroh, 4,525,841, Cl. 372-48.000.
    - Kouyama, Toshitake, 4,531,147, Cl. 358-13.000.
    - Kuki, Takakuni, 4,502,141, Cl. 371-37.000.
    - Machida, Toshiaki, 4,546,446, Cl. 364-759.000.
    - Makabe, Takayoshi; Kuraishi, Yoshiaki; Nakayama, Kenji; and Kimura, Tadakatsu, 4,498,063, Cl. 333-173.000.
    - Matsuda, Yoshihiro; Kimishima, Hiroshi; and Kado, Yoshikazu, 4,520,932, Cl. 209-545.000.
    - Matsukura, Masayuki; and Fukumura, Yukio, 4,501,019, Cl. 455-112.000.
    - Matsuura, Takashi, 4,528,522, Cl. 331-2.000.
    - Miwada, Kazuo, 4,554,675, Cl. 377-60.000.
    - Mizumura, Motoo; and Wada, Kenzo, 4,539,530, Cl. 331-117.0FE.
    - Mori, Nobuhiko, 4,498,189, Cl. 382-30.000.
    - Mori, Nobuhiko, 4,510,617, Cl. 382-33.000.
    - Mori, Susumu; and Yamada, Hideaki, 4,507,575, Cl. 307-456.000.
    - Mori, Toshihiro; and Nagata, Koichi, 4,554,540, Cl. 340-825.440.
    - Murotani, Tatsunori, 4,553,045, Cl. 307-279.000.
    - Nagami, Akira, 4,500,974, Cl. 365-222.000.
    - Nagasawa, Eiji; Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Higuchi, Kohei, 4,551,908, Cl. 29-571.000.
    - Nagata, Koichi; and Ishii, Daisuke, 4,491,978, Cl. 455-338.000.
    - Nagata, Muneyoshi; and Kano, Hiroshi, 4,544,291, Cl. 400-208.000.
    - Nakajima, Masahiro; and Hashimoto, Hiromi, 4,523,323, Cl. 375-37.000.
    - Nakano, Kazumi, 4,499,372, Cl. 250-223.00R.
    - Nishino, Masakazu; and Fujisaki, Hisashi, 4,513,177, Cl. 179-81.00B.
    - Nishitoba, Shigeo; and Fukaya, Hirokazu, 4,509,494, Cl. 123-609.000.

- Oda, Eiji, 4,521,797, Cl. 357-24.000.
- Oda, Takashi; and Nagata, Koichi, 4,495,429, Cl. 307-491.000.
- Oguchi, Tetsuji, 4,497,834, Cl. 340-726.000.
- Oguchi, Tetsuji, 4,545,014, Cl. 364-200.000.
- Okumura, Kohichiro, 4,520,463, Cl. 365-189.000.
- Oshima, Toshio, 4,503,455, Cl. 358-19.000.
- Saito, Masato, 4,502,110, Cl. 364-200.000.
- Saito, Shojiro; and Azumaya, Noriyoshi, 4,533,266, Cl. 400-208.000.
- Sakoe, Hiroaki; and Chiba, Seibi, 4,513,435, Cl. 381-41.000.
- Sakoe, Hiroaki, 4,555,796, Cl. 381-43.000.
- Sasage, Tsutomu; Yoshida, Tomohisa; and Yoshida, Toshio, 4,541,624, Cl. 271-12.000.
- Sasaki, Yutaka, 4,504,798, Cl. 330-296.000.
- Sekiguchi, Toru; and Sanguu, Isao, 4,520,410, Cl. 360-77.000.
- Shimidzu, Yasutaka; Kenmochi, Hirohito; Ueno, Toshihiko; and Tani, Chizuka, 4,505,549, Cl. 350-349.000.
- Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, 4,542,406, Cl. 358-141.000.
- Sone, Junichi, 4,506,166, Cl. 307-277.000.
- Sone, Junichi, 4,538,077, Cl. 307-476.000.
- Suga, Michihisa; and Tsuzuki, Mitsuo, 4,514,742, Cl. 346-140.00R.
- Suzuki, Norio, 4,517,596, Cl. 358-133.000.
- Takahashi, Hiroshi, 4,520,398, Cl. 358-183.000.
- Takano, Isamu; and Ohta, Norihisa, 4,496,908, Cl. 330-277.000.
- Tamura, Yoshiharu, 4,509,165, Cl. 370-38.000.
- Togari, Hisashi, 4,508,979, Cl. 307-513.000.
- Togari, Hisashi; and Miyata, Shinji, 4,540,953, Cl. 330-284.000.
- Tsunoda, Kazuyuki; and Ichikawa, Yoshio, 4,536,761, Cl. 340-825.440.
- Umeda, Tetsuo; Egami, Kazunari; Tsukakoshi, Naoto; and Nishijima, Yasuo, 4,528,692, Cl. 382-9.000.
- Utsumi, Kazuaki; Shimada, Yuzo; Suzuki, Masanori; and Takamizawa, Hideo, 4,536,435, Cl. 428-209.000.
- Watanabe, Tadashi, 4,493,046, Cl. 364-717.000.
- Watanabe, Takeshi, 4,527,259, Cl. 365-189.000.
- Yamamoto, Sumio, 4,546,467, Cl. 370-13.000.
- Yamanari, Kenzo, 4,546,368, Cl. 357-24.000.
- Yazawa, Akira, 4,493,095, Cl. 377-107.000.
- Yorikane, Masaharu; and Ohseki, Noboru, 4,556,897, Cl. 357-71.000.
- Yoshida, Yasuharu; Seguchi, Hiroshi; and Tagashira, Yoshimi, 4,501,004, Cl. 375-102.000.
- Yukawa, Akira, 4,511,810, Cl. 307-355.000.
- Nippon Electric Glass Company, Ltd.: *See*—
  - Matsuura, Ichiro; and Yamaguchi, Fumio, 4,537,863, Cl. 501-15.000.
- Nippon Eurotec Co., Ltd.: *See*—
  - Wakayama, Toshibumi, 4,535,626, Cl. 73-187.000.
- Nippon Formula Feed Manufacturing Co. Ltd.: *See*—
  - Nakajima, Taiji; Togawa, Tsuneo; and Koike, Masao, 4,542,031, Cl. 426-307.000.
- Nippon Furnace Kogyo Co., Ltd.: *See*—
  - Nagai, Hiroshi, 4,500,286, Cl. 432-106.000.
- Nippon Furnace Kogyo Kaisha, Ltd.: *See*—
  - Hasegawa, Toshiaki; and Hirose, Yasuo, 4,543,834, Cl. 73-861.050.
  - Hasegawa, Toshiaki; and Hirose, Yasuo, 4,554,832, Cl. 73-432.00R.
  - Hirose, Yasuo, 4,507,127, Cl. 48-89.000.
- Nippon Gakki Seizo Kabushiki Kaisha: *See*—
  - Akiyama, Junichiro; Tanaka, Mitsuhiro; and Moriuchi, Yoshihisa, 4,504,215, Cl. 431-168.000.
  - Amano, Takehisa, 4,526,080, Cl. 84-1.030.
  - Aoki, Eiichiro, 4,499,808, Cl. 84-1.030.
  - Aoki, Eiichiro, 4,539,884, Cl. 84-1.240.
  - Chihana, Masanobu, 4,528,885, Cl. 84-1.100.
  - Chihana, Masanobu, 4,539,883, Cl. 84-1.220.
  - Fushiki, Tatsuo, 4,549,098, Cl. 307-352.000.
  - Iijima, Kenzaburo, 4,495,241, Cl. 428-328.000.
  - Iijima, Kenzaburo, 4,531,990, Cl. 156-60.000.
  - Ikuma, Masahiro, 4,501,186, Cl. 84-1.160.
  - Izuta, Tadao, 4,556,042, Cl. 124-89.000.
  - Kaneko, Yasutoshi; and Yamashita, Hideo, 4,531,442, Cl. 84-195.000.
  - Kato, Mitsumi, 4,524,666, Cl. 84-1.030.
  - Kato, Mitsumi, 4,554,854, Cl. 84-1.030.
  - Kawashima, Susumu; and Yamada, Shigeru, 4,543,869, Cl. 84-1.010.
  - Kawashima, Susumu; and Yamada, Shigeru, 4,553,465, Cl. 84-1.030.
  - Kenji, Yokoyama, 4,509,101, Cl. 361-79.000.
  - Koike, Tatsuhiro, 4,506,580, Cl. 84-1.010.
  - Kozuki, Koichi; and Koike, Tatsuhiro, 4,538,500, Cl. 84-462.000.
  - Kumano, Shinji, 4,510,839, Cl. 84-434.000.
  - Kumano, Shinji, 4,512,234, Cl. 84-433.000.
  - Muramatsu, Shigeru; Fujiwara, Yuji; Hayashida, Hazime; and Yamamoto, Jun, 4,513,652, Cl. 84-20.000.
  - Naruse, Fumio, 4,519,287, Cl. 84-1.160.
  - Nishimoto, Tetsuo, 4,554,857, Cl. 84-1.190.
  - Nonaka, Terumoto, 4,525,639, Cl. 307-446.000.
  - Noro, Masao, 4,498,057, Cl. 330-297.000.
  - Noro, Masao, 4,530,026, Cl. 361-88.000.
  - Oguri, Shigenori, 4,526,079, Cl. 84-1.030.
  - Oshima, Yutaka, 4,508,575, Cl. 106-148.000.
  - Oshima, Yutaka, 4,540,440, Cl. 106-148.000.
  - Oya, Akiyoshi; Nakada, Akira; and Suzuki, Tutomu, 4,492,142, Cl. 84-1.030.
  - Satoh, Fusao, 4,516,463, Cl. 84-385.00R.
  - Suzuki, Hideo, 4,508,001, Cl. 84-1.010.
  - Suzuki, Shigeru; and Tsutsumi, Kazumasu, 4,527,206, Cl. 360-71.000.
  - Suzuki, Yoshiaki, 4,495,611, Cl. 369-170.000.
  - Takamura, Masayuki; and Kurahashi, Kazuo, 4,494,832, Cl. 351-41.000.
  - Takamura, Masayuki; and Kurahashi, Kazuo, 4,494,833, Cl. 351-41.000.
  - Takeuchi, Chifumi, 4,552,051, Cl. 84-1.240.
  - Takuya, Suzuki, 4,525,817, Cl. 367-140.000.
  - Tanaka, Kazurou, 4,506,587, Cl. 84-462.000.
  - Tomisawa, Norio; Uchiyama, Yasuji; and Suzuki, Hideo, 4,524,668, Cl. 84-1.240.
  - Tomisawa, Norio; and Suzuki, Hideo, 4,558,624, Cl. 84-1.260.
  - Tomita, Osamu; Murase, Yoshihiko; and Nishimura, Seiya, 4,545,580, Cl. 273-167.00R.
  - Wachi, Masatada, 4,520,708, Cl. 84-1.260.
  - Wachi, Masatada; and Katoh, Mitsumi, 4,548,119, Cl. 84-1.190.
  - Wachi, Masatada; and Katoh, Mitsumi, 4,554,858, Cl. 84-1.190.
  - Wachi, Masatada, 4,561,337, Cl. 84-1.010.
  - Yamamoto, Jun; Hayashida, Hajime; and Takahashi, Hiroyoshi, 4,524,669, Cl. 84-433.000.
  - Yamazaki, Shohei, 4,561,080, Cl. 369-45.000.
  - Yokoyama, Kenji, 4,504,793, Cl. 330-10.000.
  - Yokoyama, Kenji, 4,512,008, Cl. 369-134.000.
  - Yokoyama, Kenji, 4,524,335, Cl. 332-9.00R.
  - Yokoyama, Kenji, 4,531,096, Cl. 330-10.000.
  - Yokoyama, Kenji, 4,560,946, Cl. 330-149.000.
- Nippon Gohsei Kagaku Kogyo Kabushiki Kaisha: *See*—
  - Kotani, Yasuo; and Hashimoto, Tokio, 4,529,488, Cl. 204-62.000.
  - Nakano, Yoshio; and Tonda, Masao, 4,528,262, Cl. 430-325.000.
- Nippon GT Corporation: *See*—
  - Yoshida, Yasuhisa; and Ohi, Toshio, 4,513,570, Cl. 60-529.000.
- Nippon Hodo Co., Ltd.: *See*—
  - Kikegawa, Shinko; Arai, Takao; Yamamoto, Norio; and Ozaki, Kiyoharu, 4,560,414, Cl. 106-281.00R.
- Nippon Hoso Kyokai: *See*—
  - Maruyama, Masanori; Fukushima, Masakazu; Kato, Shinichi; and Ogusu, Chihaya, 4,540,916, Cl. 315-16.000.
  - Ninomiya, Yuichi; and Ohtsuka, Yoshimichi, 4,500,911, Cl. 358-36.000.
  - Nishizawa, Taiji; and Tanaka, Yutaka, 4,551,753, Cl. 358-140.000.
  - Taketoshi, Kazuhisa; and Ogusu, Chihaya, 4,492,981, Cl. 358-217.000.
- Nippon I.C.S. Co., Ltd.: *See*—
  - Iitsuka, Yoshitsune, 4,553,371, Cl. 53-285.000.
- Nippon Infrared Industries Co., Ltd.: *See*—
  - Inoue, Hitosi; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,535,458, Cl. 372-25.000.
  - Sekine, Kunio; Kaneda, Michihiro; Shinokura, Kiichiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,497,319, Cl. 128-303.100.
  - Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,532,400, Cl. 219-121.0LS.
  - Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,550,240, Cl. 219-121.0LS.
- Nippon Kayaku Kabushiki Kaisha: *See*—
  - Hayami, Hiroshi; Kuroda, Yasuo; Kikuchi, Makoto; and Koshi, Kenji, 4,530,797, Cl. 260-465.00C.
  - Ikeda, Yoshiyuki; Inoue, Atsuo; and Ikeda, Kenjiro, 4,548,660, Cl. 149-21.000.
  - Ito, Toshio, 4,505,891, Cl. 424-28.000.
  - Kunishima, Mamoru; Yabuuchi, Masahiko; Masuda, Minoru; Imazumi, Kikuo; and Hamano, Hiroaki, 4,495,348, Cl. 544-021.000.
  - Matsumoto, Mutsumi; and Sugi, Hideki, 4,530,916, Cl. 502-209.000.
  - Odani, Junji; and Watanabe, Shigeyuki, 4,542,208, Cl. 534-797.000.
  - Sato, Giichi; Matuo, Tadashi; and Tabei, Tooru, 4,514,559, Cl. 534-690.000.
  - Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, 4,531,964, Cl. 71-92.000.
  - Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, 4,561,880, Cl. 71-92.000.
  - Someno, Tetsuya; Kato, Kazuo; Saino, Tetsushi; Ishii, Shinichi; Takeuchi, Tomio; and Umezawa, Hamao, 4,525,465, Cl. 502-7.000.
  - Tashiro, Yasuhisa; and Aoki, Shigeru, 4,542,236, Cl. 562-401.000.
  - Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,500,452, Cl. 260-112.50R.
  - Yamato, Toshio; Ohba, Tsutomu; and Kabata, Tunetoshi, 4,543,219, Cl. 261-109.000.
  - Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, 4,536,588, Cl. 549-374.000.
  - Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, 4,540,809, Cl. 560-185.000.
  - Yoshida, Hiroshi; Koike, Kengo; Shimano, Shizuo; Nakagawa, Taizo; and Ohmori, Kaoru, 4,500,536, Cl. 514-397.000.
- Nippon Kinzoku Co., Ltd.: *See*—
  - Sano, Yasumasa; and Ohwada, Tetsuya, 4,520,538, Cl. 24-682.000.
  - Sano, Yasumasa; and Ohwada, Tetsuya, 4,555,832, Cl. 24-682.000.
- Nippon Kogaku K.K.: *See*—
  - Daitoku, Koichi; and Okabe, Nobuo, 4,540,264, Cl. 354-400.000.
  - Goto, Tetsuro, 4,498,751, Cl. 354-289.100.
  - Hada, Kazunari; Fujii, Norio; Kawahara, Atsushi; Azuma, Toru; and Hazama, Junji, 4,506,382, Cl. 382-27.000.

- Hagyuda, Nobuyoshi; Hasegawa, Hiroshi; Iida, Yoshikazu; and Maida, Osamu, 4,519,683, Cl. 354-127.110.
- Hagyuda, Nobuyoshi, 4,561,751, Cl. 354-418.000.
- Hakamata, Kazuo; Takagi, Tadao; and Hyodo, Yukio, 4,510,411, Cl. 310-316.000.
- Hamanishi, Yoshinari, 4,514,051, Cl. 350-465.000.
- Hasegawa, Hiroshi; Nakano, Yoshiyuki; and Tanabe, Yoshiaki, 4,491,404, Cl. 354-416.000.
- Hasegawa, Hiroshi, 4,509,843, Cl. 354-412.000.
- Hashimoto, Takaaki, 4,506,290, Cl. 358-29.000.
- Hayashi, Kiyoshi, 4,497,547, Cl. 350-427.000.
- Hirose, Hideo, 4,511,223, Cl. 350-523.000.
- Hirose, Hideo, 4,526,443, Cl. 350-415.000.
- Iida, Yoshikazu; Hagyuda, Nobuyoshi; and Hasegawa, Hiroshi, 4,523,830, Cl. 354-416.000.
- Iida, Yoshikazu; and Hagyuda, Nobuyoshi, 4,555,648, Cl. 315-241.00P.
- Ishizaka, Sunao; and Maida, Osamu, 4,538,890, Cl. 354-21.000.
- Ishizaka, Sunao; and Maida, Osamu, 4,550,991, Cl. 354-21.000.
- Ishizaka, Sunao; and Maida, Osamu, 4,558,935, Cl. 354-21.000.
- Ishizaka, Sunao; and Maida, Osamu, 4,561,741, Cl. 354-21.000.
- Kakizaki, Yukio; Izawa, Hisao; and Hazama, Junji, 4,537,501, Cl. 355-76.000.
- Kato, Kinya, 4,530,578, Cl. 350-526.000.
- Kazami, Kazuyuki; and Ohtsubo, Yoshiaki, 4,511,233, Cl. 354-418.000.
- Konno, Kunio; and Okada, Masashi, 4,497,015, Cl. 362-268.000.
- Konno, Kunio; Tanaka, Masashi; and Ohki, Hiroshi, 4,531,815, Cl. 350-475.000.
- Kusaka, Yosuke; and Fukuhara, Toru, 4,500,778, Cl. 250-204.000.
- Maida, Osamu; Hasegawa, Hiroshi; Hagyuda, Nobuyoshi; and Iida, Yoshikazu, 4,494,851, Cl. 354-421.000.
- Maida, Osamu; Takemae, Mikio; and Okubo, Yuji, 4,509,847, Cl. 354-442.000.
- Maida, Osamu, 4,527,882, Cl. 354-442.000.
- Maida, Osamu, 4,553,140, Cl. 340-636.000.
- Meguro, Hiroshi; Okubo, Yuji; and Watanabe, Sakuji, 4,497,564, Cl. 354-442.000.
- Miyamoto, Hidenori; and Saegusa, Takashi, 4,561,752, Cl. 354-432.000.
- Mogami, Satoshi, 4,540,249, Cl. 350-426.000.
- Nakamura, Soichi; and Konno, Kunio, 4,525,744, Cl. 358-224.000.
- Nakano, Yoshiyuki; and Maida, Osamu, 4,538,893, Cl. 354-412.000.
- Nakano, Yoshiyuki, 4,540,260, Cl. 354-173.100.
- Nihoshi, Toshiaki, 4,512,640, Cl. 350-510.000.
- Nihoshi, Toshiaki, 4,527,869, Cl. 350-502.000.
- Nohda, Masao, 4,526,451, Cl. 351-211.000.
- Nohda, Masao, 4,529,280, Cl. 351-211.000.
- Nohda, Masao, 4,534,645, Cl. 356-125.000.
- Ogasawara, Akira, 4,496,229, Cl. 354-400.000.
- Ogasawara, Akira, 4,506,150, Cl. 250-204.000.
- Ogawa, Harumi; Obikawa, Fumito; Koyama, Toshio; Otsubo, Yoshiaki; Wakabayashi, Hiroshi; and Otani, Tadashi, 4,525,049, Cl. 354-173.110.
- Ogawa, Hidehiro, 4,530,586, Cl. 354-442.000.
- Ogino, Makoto; Futami, Toshihiko; Kariya, Michio; Ichimura, Takeo; and Fujiu, Takamitsu, 4,497,629, Cl. 433-201.000.
- Ohkubo, Yuji, 4,530,581, Cl. 354-127.120.
- Okubo, Yuji, 4,540,266, Cl. 354-458.000.
- Omori, Sachio; Naito, Hideshi; Imanari, Hitoshi; and Muryoi, Takeshi, 4,558,927, Cl. 350-429.000.
- Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Mori, Yoshio, 4,527,189, Cl. 358-29.000.
- Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Sukegawa, Tsuneo, 4,554,587, Cl. 358-228.000.
- Oota, Tadashi; and Kawamura, Koichiro, 4,532,558, Cl. 360-35.100.
- Sakato, Keiichiro, 4,512,657, Cl. 355-68.000.
- Sano, Yoshiaki; Tsuchiya, Chikara; and Maida, Osamu, 4,525,637, Cl. 307-350.000.
- Sato, Akira, 4,531,817, Cl. 350-556.000.
- Sato, Yu, 4,523,157, Cl. 331-4.000.
- Seki, Yasutomo; Akiyama, Toshio; Nakabayashi, Norio; and Iizuka, Yutaka, 4,519,686, Cl. 354-200.000.
- Shiokama, Yoshiharu; and Suzuki, Shigeru, 4,525,053, Cl. 354-400.000.
- Suwa, Kyoichi; Kuramochi, Kazuo; and Nakazawa, Kiwao, 4,531,060, Cl. 250-548.000.
- Terasawa, Hidenori, 4,560,243, Cl. 350-469.000.
- Terui, Nobuhiko, 4,537,488, Cl. 354-402.000.
- Toyoda, Kenji; Naito, Kaoru; and Yamamura, Norio, 4,504,837, Cl. 346-1.100.
- Tsukamoto, Masaaki, 4,544,252, Cl. 354-289.100.
- Uehara, Makoto, 4,498,742, Cl. 350-523.000.
- Uehara, Makoto; and Anzai, Satoru, 4,498,762, Cl. 355-55.000.
- Uehara, Makoto; Sudo, Takeshi; and Kanatani, Fujio, 4,558,949, Cl. 356-152.000.
- Uematsu, Kimio, 4,493,544, Cl. 354-246.000.
- Uematsu, Kimio, 4,529,285, Cl. 354-246.000.
- Utagawa, Ken, 4,544,255, Cl. 354-406.000.
- Utagawa, Ken, 4,561,749, Cl. 354-406.000.
- Wakabayashi, Hiroshi; Okabe, Nobuo; and Daitoku, Koichi, 4,515,453, Cl. 354-149.100.
- Wakabayashi, Hiroshi, 4,545,666, Cl. 354-412.000.
- Wakabayashi, Tsutomu; and Furuya, Mikihito, 4,538,865, Cl. 339-17.00F.
    - Yaguchi, Kenichi; Ichikawa, Masaru; and Kinoshita, Takuji, 4,494,831, Cl. 351-41.000.
    - Yamada, Kenji, 4,548,481, Cl. 350-559.000.
- Nippon Kokan Kabushiki Kaisha: *See*—
    - Akita, Shinji; and Tanaka, Megumu, 4,498,324, Cl. 72-208.000.
    - Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.
    - Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.
    - Fukushima, Tsutomu; Kawasaki, Kiyoshi; and Sasaki, Sadayuki, 4,515,352, Cl. 266-218.000.
    - Hara, Tomihiro; Adaniya, Takeshi; and Tonouchi, Akira, 4,519,878, Cl. 204-28.000.
    - Hara, Tomihiro; Adaniya, Takeshi; Sagiyama, Masaru; Watanabe, Tsutomu; Shimoma, Takashi; and Nabatame, Masaru, 4,543,300, Cl. 428-610.000.
    - Hasebe, Nobuhisa; Kawada, Hiroshi; and Komine, Isamu, 4,498,518, Cl. 164-416.000.
    - Hasebe, Nobuhisa; Kawada, Hiroshi; Yokoyama, Naoki; and Komori, Shigeki, 4,522,540, Cl. 409-293.000.
    - Kanayama, Kiyoshi; and Asano, Shoji, 4,550,635, Cl. 82-4.00C.
    - Kawai, Koichi; and Mikuriya, Minoru, 4,540,104, Cl. 220-224.000.
    - Kondo, Tatsuo; Tamura, Manabu; Tanimura, Masayuki; and Kamemura, Yoshiki, 4,556,423, Cl. 75-125.000.
    - Miwa, Hiroshi; Kaneko, Toshio; Tonouchi, Akira; and Anan, Tatsuro, 4,505,785, Cl. 204-28.000.
    - Miyashita, Tsuneo; Sakamoto, Noboru; and Fukuyo, Hiroshi, 4,504,306, Cl. 75-3.000.
    - Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Hasegawa, Teruyuki; Nimura, Yoichi; and Hiraga, Noriyuki, 4,539,043, Cl. 266-265.000.
    - Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, 4,560,405, Cl. 75-12.000.
    - Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,173, Cl. 75-12.000.
    - Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,551,174, Cl. 75-12.000.
    - Nakashima, Hirohisa; Komatsu, Yoshimi; Ikeda, Masafumi; and Kondo, Tsuneo, 4,552,587, Cl. 75-12.000.
    - Nakayama, Michio; Tajima, Osamu; Matsui, Seiji; Yoshikoshi, Hideyuki; and Fukuyo, Hiroshi, 4,515,351, Cl. 266-177.000.
    - Ogahara, Fumio, 4,512,421, Cl. 175-71.000.
    - Shibata, Yoichi; Kimura, Ryosuke; Sumigama, Takashi; and Izumi, Masaro, 4,515,350, Cl. 266-92.000.
    - Sugitani, Yuji; and Kobayashi, Yukio, 4,517,438, Cl. 219-125.120.
    - Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,530,322, Cl. 123-188.0AA.
    - Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,897, Cl. 123-188.0AA.
    - Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,898, Cl. 123-188.0AA.
    - Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,556,022, Cl. 123-188.0AA.
    - Yamada, Takeo; Uesugi, Mitsuaki; and Okamura, Masaru, 4,544,268, Cl. 356-394.000.
    - Yamada, Takeo; Harada, Naoki; and Imai, Kiyotaka, 4,553,854, Cl. 374-129.000.
    - Yamamoto, Sadahiro; and Ouchi, Chiaki, 4,528,046, Cl. 148-12.00E.
    - Yoshihara, Tetsuya, 4,498,611, Cl. 222-599.000.
- Nippon Kokan Koji Kabushiki Kaisha: *See*—
    - Kanayama, Kiyoshi; and Asano, Shoji, 4,550,635, Cl. 82-4.00C.
    - Miyamori, Hideaki; Takagi, Kenji; Sato, Shigeru; Takahashi, Fujio; and Ozawa, Mikio, 4,511,784, Cl. 219-123.000.
- Nippon Kouatsu Electric Co.: *See*—
    - Fujita, Toshio; and Watanabe, Kazuhiro, 4,552,915, Cl. 524-322.000.
- Nippon Light Metal Company: *See*—
    - Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, 4,545,292, Cl. 98-42.210.
- Nippon Light Metal Company Ltd.: *See*—
    - Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,536,264, Cl. 204-129.430.
    - Miki, Isao; and Kawai, Toshiyuki, 4,520,541, Cl. 29-156.8CF.
    - Miyashita, Teruo; and Yoshida, Koichi, 4,510,030, Cl. 204-147.000.
    - Namba, Kazuya; Yano, Kazuya; Nakazima, Hirosi; and Muraki, Yu, 4,527,699, Cl. 215-1.00C.
    - Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,533,444, Cl. 204-129.430.
    - Ohno, Atsumi, 4,515,204, Cl. 164-483.000.
    - Sasaki, Hirokazu; Morita, Akira; and Yamamoto, Takemasa, 4,561,944, Cl. 204-33.000.
    - Takahashi, Masahiro; Hagiwara, Toshio; Kakei, Tsutomu; and Oda, Kazutaka, 4,518,466, Cl. 204-28.000.
    - Takahashi, Masahiro; Hagiwara, Toshio; Nishizaki, Takao; and Niizeki, Kinya, 4,523,433, Cl. 62-60.000.
    - Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, 4,507,179, Cl. 204-58.000.
    - Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; Kajiyama, Takashi; and Hotta, Kunihiko, 4,540,449, Cl. 148-31.500.
    - Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, 4,548,682, Cl. 204-35.100.
- Nippon Mektron Ltd.: *See*—
    - Inaba, Masaichi, 4,508,942, Cl. 200-5.00A.

- Kameda, Eiichi; and Tobe, Seiichi, 4,562,301, Cl. 174-68.500.
- Matsumaru, Akihiko, 4,503,294, Cl. 200-5.00A.
- Matsumoto, Hirofumi, 4,550,357, Cl. 361-398.000.

Nippon Mining Co., Ltd.: *See—*
- Matsunaga, Atsushi; Kusayanagi, Sampo; Takano, Masamitu; and Kato, Yutaka, 4,542,246, Cl. 585-6.600.
- Ogata, Takashi; Hosaka, Hiroshi; and Kasai, Shunichi, 4,501,666, Cl. 210-688.000.
- Tamura, Kunimitsu; and Hosonuma, Kunihiko, 4,513,155, Cl. 585-13.000.

Nippon Notion Kogyo Co., Ltd.: *See—*
- Fukuroi, Takeo, 4,512,063, Cl. 24-94.000.
- Kanzaka, Yoshihiro, 4,509,232, Cl. 24-113.00R.
- Kanzaka, Yoshihiro, 4,521,943, Cl. 24-689.000.
- Kasai, Kazumi, 4,520,533, Cl. 24-198.000.
- Kasai, Kazumi, 4,539,735, Cl. 24-621.000.
- Watanabe, Hirokazu, 4,541,148, Cl. 24-108.000.

Nippon Oil Co., Ltd.: *See—*
- Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,502,950, Cl. 208-309.000.
- Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,514,287, Cl. 208-309.000.
- Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,525,269, Cl. 208-309.000.
- Inoue, Akira; Takase, Shinji; Sekido, Yasuo; Mori, Masao; and Kubo, Tatsuki, 4,508,849, Cl. 502-263.000.
- Kojima, Ichiro; Komiya, Kouji; Sato, Hiroshi; and Oguchi, Yutaka, 4,544,633, Cl. 435-86.000.
- Kubo, Kunimichi; Yoshikawa, Mamoru; Watanabe, Motokazu; Miyazaki, Yasunosuke; and Miyoshi, Mituji, 4,525,548, Cl. 526-72.000.
- Kudoh, Michio; Matsuno, Mitsuo; and Imai, Hirosuke, 4,511,748, Cl. 585-467.000.
- Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,507,448, Cl. 526-125.000.
- Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,518,752, Cl. 526-116.000.
- Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,525,552, Cl. 526-116.000.
- Matsuno, Mitsuo; Kudoh, Michio; and Imai, Hiroshuke, 4,533,781, Cl. 585-516.000.
- Matsuura, Kazuo; Yamaoka, Noboru; Yanahashi, Shinichi; Usui, Katumi; and Miyoshi, Mituji, 4,495,334, Cl. 525-240.000.
- Matsuura, Kazuo; Shikatani, Yutaka; Kamiishi, Hirofumi; Kuroda, Nobuyuki; and Miyoshi, Mituji, 4,537,938, Cl. 526-97.000.
- Nambu, Masao, 4,524,064, Cl. 424-81.000.
- Nambu, Masao; and Kinoshita, Tatsuo, 4,530,220, Cl. 62-530.000.
- Ohmori, Tadashi; Fujiso, Tokuo; Yasui, Eiji; Nomura, Soichi; and Aizawa, Yukio, 4,537,872, Cl. 502-230.000.
- Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, 4,543,406, Cl. 528-111.500.
- Sakata, Co; and Imai, Hirosuke, 4,547,463, Cl. 435-180.000.
- Sakata, Ko; and Imai, Hirosuke, 4,520,178, Cl. 526-200.000.
- Sakata, Ko; and Imai, Hirosuke, 4,525,457, Cl. 435-178.000.
- Tajima, Yoshio; Miyoshi, Mituji; Sugita, Shoji; Kawabe, Kiyoshi; and Matsuura, Kazuo, 4,525,555, Cl. 526-125.000.
- Takeda, Hirro, 4,547,151, Cl. 432-14.000.
- Tsuchiya, Shozo; Sasaki, Makoto; Oshima, Akio; and Hayashi, Hideo, 4,552,923, Cl. 525-68.000.
- Tsunemi, Masaaki; and Sasaki, Umekichi, 4,504,403, Cl. 252-68.000.
- Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Kato, Osamu, 4,521,294, Cl. 208-23.000.
- Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Katoh, Osamu, 4,533,535, Cl. 423-447.400.
- Uemura, Seiichi; Hirose, Takao; and Sohda, Yoshio, 4,534,950, Cl. 423-447.400.

Nippon Oil and Fats Co., Ltd.: *See—*
- Banno, Shigeki; and Komai, Takeshi, 4,507,432, Cl. 525-21.000.
- Edamura, Kohji; Torii, Akio; Hattori, Katsuhide; and Sakai, Hiroshi, 4,543,136, Cl. 149-21.000.
- Edamura, Koji; Torii, Akio; Sato, Kazuyuki; and Sakai, Hiroshi, 4,543,137, Cl. 149-21.000.
- Hattori, Katsuhide; Fukatsu, Yoshiaki; and Sakai, Hiroshi, 4,554,032, Cl. 149-21.000.
- Hirosaki, Yoshikazu; and Hattori, Katsuhide, 4,496,471, Cl. 252-186.210.
- Igarashi, Taizo; Higuchi, Hisao; and Yamazaki, Shingo, 4,552,568, Cl. 44-51.000.
- Ishizaki, Takaharu; Nagai, Takeshi; and Yamazaki, Shingo, 4,491,455, Cl. 44-62.000.
- Ishizaki, Takaharu; Kimura, Tsuneo; and Yamazaki, Shingo, 4,509,954, Cl. 44-62.000.
- Kakino, Shigeru; Hattori, Katsuhide; Fukatsu, Yoshiaki; Moriyama, Hideo; and Sakakibara, Hidekazu, 4,511,412, Cl. 149-109.600.
- Kato, Kenji, 4,560,495, Cl. 252-186.230.
- Komai, Takeshi; Matsuyama, Kazuo; and Saigo, Takuya, 4,533,699, Cl. 525-277.000.
- Matsui, Fumio; Aono, Shin; Sakai, Hiroshi; Hattori, Katsuhide; and Kakino, Shigeru, 4,511,414, Cl. 149-109.600.
- Takeuchi, Fumio; Takahashi, Masao; Hattori, Katsuhide; and Sakai, Hiroshi, 4,534,809, Cl. 149-3.000.
- Takeuchi, Fumio; Takahashi, Masao; and Sakai, Hiroshi, 4,547,234, Cl. 149-3.000.

Nippon Oil Seal Industry Co., Ltd.: *See—*
- Matsushima, Noboru, 4,550,920, Cl. 277-134.000.
- Miura, Takeshi, 4,531,747, Cl. 277-134.000.
- Yarimizu, Kenichi, 4,550,486, Cl. 29-451.000.

Nippon Paint Co., Ltd.: *See—*
- Furuno, Nobuo; Ota, Yoshio; Itai, Masahiro; Tokuyama, Akio; and Nakano, Eiichi, 4,501,649, Cl. 204-181.00R.
- Furuno, Nobuo, 4,504,324, Cl. 148-6.15R.
- Hirasawa, Yoji; and Ikeda, Shoji, 4,556,683, Cl. 523-447.000.
- Ihikura, Shinichi; Kanda, Kazunori; and Nakaya, Toshiharu, 4,510,275, Cl. 523-412.000.
- Iimure, Tamio, 4,501,767, Cl. 427-44.000.
- Ishikura, Shinichi; Yoshioka, Tamotsu; and Mizuguchi, Ryuzo, 4,543,216, Cl. 260-501.120.
- Ito, Takeyasu; and Kuwajima, Teruaki, 4,540,733, Cl. 524-407.000.
- Kanda, Kazunori; Ishii, Keizou; Kida, Katsuaki; Ishikura, Shinichi; and Mizuguchi, Ryuzo, 4,530,946, Cl. 523-418.000.
- Konishi, Sakuichi; Shingo, Naohito; and Shibayama, Mathuo, 4,528,318, Cl. 524-504.000.
- Kuwajima, Teruaki; Miwa, Hiroshi; Kida, Katsuaki; and Ishikura, Shinichi, 4,504,609, Cl. 523-501.000.
- Kuwajima, Teruaki; Kida, Katsuaki; and Ishikura, Shinichi, 4,518,724, Cl. 523-501.000.
- Murakami, Ryoichi; Uyeda, Yoshiyuki; Nishijima, Kanji; and Yanagihara, Tetsuo, 4,533,683, Cl. 523-414.000.
- Oda, Shoji; Ehara, Kunihiko; Umemoto, Hirotoshi; and Nakano, Shinji, 4,501,829, Cl. 523-400.000.
- Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, 4,543,406, Cl. 528-111.500.
- Sakurai, Kiyomi; and Arimatsu, Seiji, 4,508,814, Cl. 430-303.000.
- Sakurai, Kiyomi, 4,517,278, Cl. 430-286.000.
- Sakurai, Kiyomi; and Arimatsu, Seiji, 4,556,462, Cl. 204-6.000.
- Umemoto, Hirotoshi; Tanabe, Hisaki; Yamada, Mitsuo; and Nakano, Shinji, 4,501,863, Cl. 525-443.000.
- Yamamori, Naoki; Yokoi, Junji; and Yoshikawa, Motoyoshi, 4,499,223, Cl. 524-176.000.
- Yamamoto, Yoshikazu; Mizuguchi, Ryuzo; and Yamada, Yasuyuki, 4,536,474, Cl. 435-42.000.

Nippon Paint Kabushiki Kaisha: *See—*
- Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.

Nippon Pet Food Company, Ltd.: *See—*
- Ohki, Tomio; and Yoshioka, Toshio, 4,532,890, Cl. 119-1.000.

Nippon Petrochemicals Company, Limited: *See—*
- Hirooka, Seiji; and Torii, Michiaki, 4,507,516, Cl. 585-14.000.
- Inoue, Yoshiharu; Tanimoto, Fumio; and Kitano, Hisao, 4,524,017, Cl. 252-522.00R.
- Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Kurihara, Kazuhiko; and Yazawa, Hirosi, 4,525,317, Cl. 264-235.800.
- Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,493,943, Cl. 174-25.00C.
- Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,506,107, Cl. 174-25.00C.
- Sato, Atsushi; Murai, Yoshikazu; Goto, Masahito; and Mochizuki, Kanji, 4,514,229, Cl. 106-135.000.
- Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,543,207, Cl. 252-570.000.
- Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,549,034, Cl. 17-17.0LF.
- Yamazaki, Yasuo; Suzuki, Takehiko; Shimizu, Isoo; and Matsumura, Yasuo, 4,554,360, Cl. 549-261.000.

Nippon Petroleum Refining Company, Limited: *See—*
- Hashimoto, Mitsuo; Watanabe, Yasuo; Mama, Fumio; and Odan, Akinori, 4,559,007, Cl. 431-4.000.

Nippon Piston Ring Co., Ltd.: *See—*
- Ebihara, Tadashi, 4,509,722, Cl. 251-359.000.
- Hirakawa, Osamu, 4,505,485, Cl. 277-96.100.
- Hiraoka, Takeshi; Urano, Shigeru; Takeshita, Masajiro; and Nakamura, Keiji, 4,526,617, Cl. 75-236.000.
- Ikutake, Hiroshi, 4,497,102, Cl. 29-156.600.
- Ikutake, Hiroshi, 4,499,643, Cl. 29-156.600.
- Sakamaki, Hiroshi; and Suzuki, Yukio, 4,498,853, Cl. 418-268.000.
- Sakamaki, Hiroshi; Horikoshi, Yukio; and Yanagihashi, Kikuji, 4,514,156, Cl. 418-173.000.
- Sakamaki, Hiroshi; and Horikoshi, Yukio, 4,545,749, Cl. 418-173.000.
- Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,548,558, Cl. 418-83.000.
- Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,551,896, Cl. 29-156.40R.
- Tsuchiya, Takeshi; Samejima, Shuji; and Kimura, Tsutomu, 4,557,492, Cl. 277-216.000.
- Umeha, Genkichi; and Hiraoka, Takeshi, 4,513,977, Cl. 277-96.200.
- Umeha, Genkichi; Urano, Shigeru; and Kato, Satoru, 4,556,532, Cl. 419-5.000.

Nippon Piston Ring Kabushiki Kaisha: *See—*
- Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,561,835, Cl. 418-173.000.

Nippon Printing Co., Ltd.: *See—*
- Takeshita, Kazuhisa; and Takeda, Yasuo, 4,539,056, Cl. 156-183.000.

Nippon Rotary Nozzle Co., Ltd.: *See—*
- Yoshihara, Tetsuya, 4,498,611, Cl. 222-599.000.

Nippon Rubber Co., Ltd.: *See—*
- Harada, Masasuke; and Moronaga, Yoshiharu, 4,547,979, Cl. 36-30.00R.

- Nippon Seiko Kabushiki Kaisha: *See—*
  - Hatano, Junichi, 4,541,743, Cl. 384-576.000.
  - Kawakami, Kouichi; and Tanaka, Mamoru, 4,517,852, Cl. 74-89.150.
  - Mitsue, Naoki; and Takahashi, Hideki, 4,516,783, Cl. 277-50.000.
  - Nakamura, Mitsugu; Yoshizu, Satoru; Sakata, Teiichi; and Yatabe, Hiroyuki, 4,545,627, Cl. 384-585.000.
  - Ohkuma, Takeo; and Tanaka, Akihiko, 4,505,484, Cl. 277-94.000.
  - Ohura, Yukio; Hatta, George; and Nogawa, Tadao, 4,502,740, Cl. 29-148.460.
  - Okoshi, Hideo, 4,523,863, Cl. 384-609.000.
  - Okoshi, Hideo, 4,537,086, Cl. 74-201.000.
  - Okoshi, Hideo, 4,554,841, Cl. 74-200.000.
  - Osawa, Hiroyuki; and Ishida, Yasutaka, 4,493,513, Cl. 384-533.000.
  - Osawa, Nobuyuki, 4,502,737, Cl. 308-6.00C.
  - Sugi, Hiromi; Furumura, Kyozaburo; and Asai, Hiromitsu, 4,491,373, Cl. 308-5.00R.
  - Takei, Kenji; and Akabane, Yukihiro, 4,552,467, Cl. 384-615.000.
  - Tanaka, Katsuhiko; and Sakatani, Ikunori, 4,547,081, Cl. 384-107.000.
  - Tanaka, Kenji, 4,561,788, Cl. 384-513.000.
  - Tanaka, Seizou, 4,543,475, Cl. 235-96.000.
  - Tukamoto, Masahiro, 4,519,555, Cl. 242-107.200.
  - Ueda, Takeo, 4,533,158, Cl. 280-804.000.
  - Yachida, Yoichi, 4,509,044, Cl. 340-789.000.
- Nippon Sheet Glass Co., Ltd.: *See—*
  - Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, 4,522,966, Cl. 524-114.000.
  - Kato, Yukihiro; Kawahara, Hideo; and Hyohdou, Masato, 4,500,567, Cl. 427-255.300.
  - Noguchi, Yukio; and Yamagishi, Takashi, 4,495,299, Cl. 501-72.000.
  - Ohtsuka, Yasuji; Koike, Yasuhiro; and Yoshida, Motoaki, 4,521,351, Cl. 264-1.500.
  - Okafuji, Masaharu; Ochi, Yoshinori; Miyake, Atsushi; Noguchi, Junichi; and Matsuo, Ichiro, 4,558,480, Cl. 15-77.000.
  - Shibaoka, Kazuo; Onishi, Shunji; Miwa, Takao; and Akimoto, Toshio, 4,548,634, Cl. 65-79.000.
  - Tanaka, Keihachiro; and Yoshii, Shigekazu, 4,548,632, Cl. 65-5.000.
  - Yamagishi, Takasi; and Noguchi, Yukio, 4,495,298, Cl. 501-55.000.
  - Yamasaki, Tetsuya; Okuda, Eiji; and Yamamoto, Noboru, 4,509,824, Cl. 350-167.000.
- Nippon Shinyaku Co., Ltd.: *See—*
  - Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.
  - Enomoto, Hiroshi; Kawamata, Masanobu; Nomura, Akira; Aoyagi, Yoshiaki; and Ueda, Fusao, 4,532,238, Cl. 514-245.000.
  - Kawamata, Masanobu; Ushimaru, Koichi; Goshi, Hiroyuki; and Miyasako, Hideichi, 4,533,552, Cl. 424-78.000.
  - Kimura, Kiyoshi; Morita, Iwao; and Morimura, Seiichiro, 4,535,073, Cl. 514-89.000.
  - Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.
  - Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, 4,554,289, Cl. 514-450.000.
  - Sempuku, Kenji; Shibata, Yoshihisa; and Ohgi, Tadaaki, 4,554,275, Cl. 514-245.000.
- Nippon Shokubai Kagaku Kogyo Co., Ltd.: *See—*
  - Ono, Tetsuji; Ichihara, Shoichi; Ohata, Tomohisa; and Terui, Sadao, 4,504,598, Cl. 502-303.000.
  - Saito, Noboru; Satake, Takeshi; Aoki, Ryuji; and Nagai, Isao, 4,511,671, Cl. 502-242.000.
  - Sato, Takahisa; Takata, Masahiro; Ueshima, Michio; and Nagai, Isao, 4,537,874, Cl. 502-311.000.
  - Takehara, Hidetoshi; Shioji, Shorbu; and Nakagawa, Yohichi, 4,500,693, Cl. 526-240.000.
  - Tsuneki, Hideaki; Ueshima, Michio; Aoki, Ryuji; and Nagai, Isao, 4,558,028, Cl. 502-211.000.
- Nippon Soda Company Limited: *See—*
  - Iwataki, Isao; Nakayama, Akira; Kaeriyama, Minoru; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,504,305, Cl. 71-98.000.
  - Iwataki, Isao; Fujita, Kagari; Ishikawa, Hisao; Hosaka, Hideo; and Kohara, Kenichi, 4,515,729, Cl. 260-464.000.
  - Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, 4,529,552, Cl. 556-40.000.
  - Kizawa, Hidenori; Fujiyama, Norimasa; Kobayashi, Jitsuo; and Ito, Akinori, 4,517,173, Cl. 424-16.000.
  - Maruyama, Hiromi; Sasaoka, Seiji; Kiuchi, Mitsuo; and Kanehara, Hironori, 4,533,557, Cl. 426-61.000.
  - Ueda, Akiyoshi; Nagasaki, Humiko; Takakura, Yutaka; and Kojima, Shigeru, 4,532,363, Cl. 568-424.000.
- Nippon Soken, Inc.: *See—*
  - Abe, Seiko; Sakakibara, Yasuyuki; Tomita, Masahiro; and Shinoda, Kazuo, 4,553,059, Cl. 310-328.000.
  - Atsumi, Morihiro; Yoshida, Hitoshi; Ito, Nobuei; and Atsumi, Kinya, 4,556,780, Cl. 219-270.000.
  - Fukami, Akira; Okamoto, Kunio; and Noguchi, Hiroki, 4,494,597, Cl. 165-41.000.
  - Fukami, Akira; Noguchi, Hiroki; and Hamaguchi, Hiroshi, 4,500,479, Cl. 261-98.000.
  - Fukami, Akira; Noguchi, Hiroki; and Kondo, Yauo, 4,556,171, Cl. 237-12.30B.
  - Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,491,815, Cl. 335-229.000.
  - Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,496,134, Cl. 251-65.000.
  - Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,533,847, Cl. 310-181.000.
  - Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, 4,546,338, Cl. 335-229.000.
  - Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,561,629, Cl. 251-65.000.
  - Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, 4,499,878, Cl. 123-478.000.
  - Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.
  - Igashira, Toshihiko; and Yoshinaga, Toru, 4,514,657, Cl. 313-1[illegible]
  - Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,529,164, Cl. 251-129.000.
  - Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, 4,535,7[illegible] 123-472.000.
  - Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, 4,546,749, Cl. 123-506.000.
  - Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,550,744, Cl. 137-80.000.
  - Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.
  - Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, 4,517,648, Cl. 364-431.010.
  - Inagaki, Mitsuo; Ito, Seitoku; and Aoki, Hisashi, 4,502,850, Cl. 417-440.000.
  - Inagaki, Mitsuo; Ito, Seitoku; Takeda, Kenji; and Kurokawa, Yoshiki, 4,557,670, Cl. 417-299.000.
  - Iwamoto, Kenji; Moriguchi, Kouichi; and Matusiro, Ryuiti, 4,519,210, Cl. 60-602.000.
  - Kago, Yoshiyuki; and Akita, Shigeyuki, 4,558,321, Cl. 340-904.000.
  - Kanehara, Kenji; Kohama, Tokio; Kawai, Hisasi; and Tokura, Norihito, 4,537,172, Cl. 123-527.000.
  - Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.
  - Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, 4,512,189, Cl. 73-296.000.
  - Kitagawa, Junji; and Akita, Shigeyuki, 4,518,956, Cl. 340-620.000.
  - Kitagawa, Junji; Akita, Shigeyuki; and Kitamura, Sotoo, 4,520,359, Cl. 340-870.190.
  - Kitagawa, Junji; Akita, Shigeyuki; Kasegawa, Norimichi; and Nakamura, Akira, 4,522,278, Cl. 180-79.100.
  - Kodera, Masao; Akita, Shigeyuki; and Yoshino, Yasuhisa, 4,524,356, Cl. 340-904.000.
  - Kohama, Tokio; Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, 4,513,627, Cl. 73-862.340.
  - Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,513,628, Cl. 73-862.340.
  - Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.
  - Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,550,618, Cl. 73-862.340.
  - Kojima, Akikazu; and Kamiya, Shigeru, 4,558,565, Cl. 60-286.000.
  - Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji, 4,495,467, Cl. 324-244.000.
  - Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji, 4,497,034, Cl. 364-571.000.
  - Kuno, Akira; and Shinoda, Yoshio, 4,501,284, Cl. 123-352.000.
  - Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, 4,556,177, Cl. 242-107.40A.
  - Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, 4,523,386, Cl. 33-357.000.
  - Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, 4,555,761, Cl. 364-424.000.
  - Mitsui, Takao; Sasaya, Hideaki; and Inagaki, Mitsuo, 4,527,964, Cl. 418-55.000.
  - Morino, Seiji; and Kawai, Hisasi, 4,518,882, Cl. 310-15.000.
  - Morino, Seiji; and Kawai, Hisasi, 4,540,905, Cl. 310-12.000.
  - Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, 4,523,552, Cl. 123-143.00B.
  - Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.
  - Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, 4,546,934, Cl. 242-107.000.
  - Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,503,713, Cl. 73-862.340.
  - Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,513,626, Cl. 73-862.340.
  - Ootsuka, Yoshinori; Hattori, Tadashi; Yamamoto, Minoru; and Ozaki, Tadashi, 4,537,065, Cl. 73-117.300.
  - Oshiro, Takao; Fukami, Akira; and Sasaya, Hideaki, 4,558,634, Cl. 98-2.180.
  - Ozaki, Tadashi; Hattori, Tadashi; Miura, Kazuhiko; Hanaoka, Masanori; and Hashiguchi, Yukihide, 4,492,109, Cl. 73-35.000.

Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, 4,499,882, Cl. 123-492.000.
Sakakibara, Kazuo; Shimogawa, Toshiaki; Kato, Masahiko; and Matsuoka, Fumio, 4,561,606, Cl. 242-107.000.
Sato, Susumu; Takeuchi, Yukihisa; and Tomita, Masahiro, 4,535,588, Cl. 60-286.000.
Sato, Susumu; Hattori, Tadashi; Ueno, Yoshiki; and Taguchi, Takashi, 4,556,599, Cl. 428-216.000.
Sowa, Kunihiro, 4,536,656, Cl. 250-463.100.
Taguchi, Masahiro; Kuwakado, Satosi; and Tsuge, Noboru, 4,510,749, Cl. 60-286.000.
Takagi, Shigeru; and Hayashi, Nobutoshi, 4,492,079, Cl. 60-274.000.
Takagi, Shigeru; and Tomita, Masahiro, 4,523,935, Cl. 55-282.000.
Takagi, Shigeru; and Tomita, Masahiro, 4,528,008, Cl. 55-485.000.
Takeuchi, Yukihisa; and Tomita, Masahiro, 4,505,726, Cl. 55-282.000.
Takeuchi, Yukihisa; and Tomita, Masahiro, 4,516,993, Cl. 55-283.000.
Tanaka, Hiroaki; and Akita, Shigeyuki, 4,499,465, Cl. 340-870.370.
Tanaka, Hiroaki; and Akita, Shigeyuki, 4,523,195, Cl. 340-870.370.
Teratani, Tatsuo; and Kodera, Masao, 4,547,731, Cl. 324-58.00R.
Tokura, Norihito; Kawai, Hisasi; Kohama, Tokio; and Kanehara, Kenji, 4,550,308, Cl. 340-347.0NT.
Tomita, Masahiro; and Takagi, Shigeru, 4,540,535, Cl. 264-44.000.
Tsuge, Noboru; Taguchi, Masahiro; and Kuwakado, Satosi, 4,511,097, Cl. 242-55.000.
Tsuge, Noboru; Taguchi, Masahiro; Kato, Masanori; and Kuwakado, Satosi, 4,537,169, Cl. 123-325.000.
Tsuge, Noboru; and Taguchi, Masahiro, 4,553,625, Cl. 180-268.000.
Wakayama, Masao; Takemura, Makoto; and Kasagi, Takao, 4,500,360, Cl. 106-286.500.
Yoshida, Hitoshi; Atsumi, Morihiro; Ito, Nobuei; and Atsumi, Kinya, 4,499,366, Cl. 219-270.000.
Yoshida, Hitoshi; Tomita, Masahiro; and Takagi, Shigeru, 4,535,589, Cl. 60-303.000.
Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, 4,535,735, Cl. 123-310.000.
Nippon Stainless Steel Co., Ltd.: *See—*
Moroishi, Taishi; Fujikawa, Hisao; Murayama, Junichiro; and Shoji, Yuji, 4,530,720, Cl. 75-128.00A.
Nippon Steel Chemical Co., Ltd.: *See—*
Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.
Yoshimura, Tokuo; Hagiwara, Kunio; and Aiba, Akira, 4,528,304, Cl. 523-216.000.
Nippon Steel Corporation: *See—*
Akisue, Osamu; Yamada, Teruaki; Ueda, Shigeru; Tokunaga, Yoshikuni; and Yamada, Masato, 4,551,182, Cl. 148-12.00C.
Aoyagi, Koshiro; Noguchi, Yukio; Nakajima, Koe; and Ataka, Matsuo, 4,528,834, Cl. 72-202.000.
Dairiki, Osamu; Ookuma, Humio; and Asano, Hiroyuki, 4,494,205, Cl. 364-472.000.
Fujioka, Masato; Kobayashi, Katsuyoshi; Yuta, Koichi; and Nishihara, Nobuyoshi, 4,494,929, Cl. 432-59.000.
Fujiwara, Koichi; Sakai, Tomohiko; Yamada, Yoneo; and Higashine, Kazutaka, 4,493,739, Cl. 148-111.000.
Fukuda, Masahiro; Okabayashi, Akitoshi; Narahara, Tadashi; Muramatsu, Kenji; Miyazaki, Noriyuki; and Fukushima, Masanori, 4,546,527, Cl. 29-132.000.
Hada, Takashi; Kanamaru, Tatsuya; and Ogawa, Yutaka, 4,510,209, Cl. 428-659.000.
Higuchi, Seizun; Ooga, Tomonari; Tsukamoto, Yukio; Kamada, Minoru; and Nomura, Yukio, 4,501,802, Cl. 428-629.000.
Ichikawa, Masashi; Saito, Toru; and Nishi, Takeshi, 4,506,134, Cl. 219-100.000.
Ichikawa, Masashi; Takahashi, Yasuo; and Saito, Tohru, 4,561,561, Cl. 220-270.000.
Ichiyama, Tadashi; Yamaguchi, Shigehiro; Iuchi, Tohru; and Kuroki, Katsuro, 4,552,596, Cl. 148-31.500.
Ikegami, Hiroshi; Ichida, Kozaburo; and Kobayashi, Katsuyoshi, 4,497,674, Cl. 148-156.000.
Ikehara, Yasunobu; Ariyoshi, Haruki; and Hidaka, Ryoichi, 4,560,406, Cl. 75-30.000.
Kimoto, Tetsuo; and Orita, Kiyoshi, 4,513,597, Cl. 72-53.000.
Kimoto, Tetsuo; Orita, Kiyoshi; and Kuroki, Katsuro, 4,548,656, Cl. 148-111.000.
Kishikawa, Kanichi; Nishino, Taneharu; and Nagasoe, Seiichi, 4,503,699, Cl. 72-222.000.
Kishikawa, Kanichi; and Nishino, Taneharu, 4,503,700, Cl. 72-225.000.
Kitayama, Minoru; Nakamura, Motoharu; Hirose, Kikuji; and Tanida, Masashi, 4,537,792, Cl. 427-13.000.
Kokai, Katsuaki; and Ohta, Takeo, 4,500,366, Cl. 148-111.000.
Matsushita, Shigetada; and Doi, Yuji, 4,509,366, Cl. 73-861.020.
Minami, Kenji; Kawata, Yoshimasa; Ushio, Tetsuji; Tani, Hoshiro; and Mitani, Kazuhisa, 4,502,924, Cl. 204-16.000.
Mizunuma, Takehisa; Abe, Seizaburo; Ohno, Jiro; and Kobayashi, Hisashi, 4,491,487, Cl. 148-6.210.
Ohtsuki, Yuzo; Komatsu, Nobiru; Watanabe, Akira; and Saeki, Gouji, 4,497,901, Cl. 501-90.000.
Oka, Joji; Iwakura, Hideaki; Ando, Narumi; Iwasaki, Kiyotoshi; and Shindow, Yoshio, 4,524,111, Cl. 428-551.000.
Oka, Toshihiro, 4,535,614, Cl. 72-16.000.
Omura, Kiyoharu, 4,502,671, Cl. 266-256.000.
Otabe, Norio; Shimakawa, Yoshiaki; and Uematsu, Hiroshi, 4,492,042, Cl. 34-35.000.
Sakai, Kango; and Nakano, Hirohumi, 4,491,506, Cl. 204-28.000.
Sawatani, Tadashi; Ishii, Mitsuo; Yoshimura, Hirofumi; and Harase, Jirou, 4,515,644, Cl. 148-12.0EA.
Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.
Shimoyama, Yoshiaki; Miyoshi, Kunisuke; and Hiromae, Yoshitaka, 4,560,423, Cl. 148-111.000.
Shindow, Yoshio; Tsutsumi, Masaya; Hotta, Wataru; and Miyauchi, Yujiro, 4,522,892, Cl. 428-628.000.
Shinkai, Daisuke; Komoto, Haruo; and Hamada, Shigeharu, 4,497,695, Cl. 204-28.000.
Suemitsu, Yukimasa; Nakajima, Kazutsugu; Naka, Ryoichi; and Goshi, Hiroo, 4,548,685, Cl. 204-146.000.
Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.
Takafuji, Hideo; and Sekiguchi, Shoichi, 4,539,848, Cl. 73-599.000.
Takafuji, Hideo; Minamida, Katsuhiro; and Yamaguchi, Shigehiro, 4,560,855, Cl. 219-121.0LD.
Takeshita, Takeaki; Oba, Katuyuki; Shimoyama, Yoshiaki; and Masuda, Takashi, 4,555,264, Cl. 75-49.000.
Tamehiro, Hiroshi; Mazuda, Hiroo; Ohashi, Mamoru; and Onoe, Yasumitsu, 4,521,258, Cl. 148-12.00F.
Tanaka, Osamu; Nakashima, Shozaburo; Nagano, Takashi; Kumano, Tomoji; and Hiromae, Yoshitaka, 4,543,134, Cl. 148-113.000.
Tanikawa, Keiichi; Fujii, Masahiro; and Kanno, Hideo, 4,561,911, Cl. 148-18.000.
Tokunaga, Yoshikuni; and Yamada, Masato, 4,504,326, Cl. 148-12.00C.
Tominaga, Jiro; Yada, Hiroshi; and Honda, Mitsuo, 4,537,644, Cl. 148-36.000.
Ueda, Masanori; Takahashi, Ryousuke; and Takeuchi, Hidemaro, 4,494,998, Cl. 148-2.000.
Umezono, Akimi; Kawasaki, Hironobu; Sato, Takashi; and Hayashi, Tomohiko, 4,497,850, Cl. 427-127.000.
Yamamoto, Toshiki; Kiriu, Yukio; Tsuneoka, Akira; and Sudo, Kunikane, 4,556,099, Cl. 164-451.000.
Zaizen, Takashi; Otoguro, Yasuo; Yamanaka, Mikio; and Yamane, Shozo, 4,535,034, Cl. 428-653.000.
Nippon Steel Metal Products Co., Ltd.: *See—*
Saito, Ken; Ochi, Tsuneo; Furunishi, Kaoru; and Yuki, Takeshi, 4,501,402, Cl. 248-346.000.
Nippon Suisan Kabushiki Kaisha: *See—*
Rachi, Kazuo; Kubota, Shouichi; and Sasaki, Isamu, 4,540,589, Cl. 426-250.000.
Nippon Telegraph & Telephone Public Corporation: *See—*
Akazawa, Yukio; Ishihara, Noboru; and Ohara, Mamoru, 4,542,350, Cl. 330-293.000.
Atsugi, Takeo; Samejima, Shuuichi; and Masamura, Tatsurou, 4,561,099, Cl. 375-97.000.
Edahiro, Takao; Inagaki, Nobuo; and Kurosaki, Shiro, 4,528,010, Cl. 65-18.100.
Fujii, Tsuneo; Inukai, Hiroshi; Deguchi, Takayuki; Amano, Toshihiko; Kakuchi, Masami; Asakawa, Hiroshi; and Kogure, Osamu, 4,539,250, Cl. 428-195.000.
Harada, Kazuhiro; Tsuchiya, Yuzoh; Sekiguchi, Nobuo; and Ishikawa, Toshio, 4,508,251, Cl. 226-25.000.
Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, 4,511,642, Cl. 430-161.000.
Honda, Masaaki; Itakura, Fumitada; and Kitawaki, Nobuhiko, 4,538,234, Cl. 364-513.500.
Hoshino, Mitsutoshi; Terada, Akira; and Sugawara, Shungo, 4,529,659, Cl. 428-422.000.
Ikeda, Masahiro, 4,521,069, Cl. 350-96.130.
Ishii, Osamu; Yoshimura, Fumikatsu; and Hatakeyama, Iwao, 4,544,612, Cl. 428-692.000.
Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.
Itsumi, Manabu; Ehara, Kohei; Muramoto, Susumu; and Matsuo, Seitaro, 4,543,592, Cl. 357-43.000.
Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu, 4,524,333, Cl. 331-17.000.
Kage, Kouzou; and Watanabe, Hiroshi, 4,525,868, Cl. 455-206.000.
Kakii, Toshiaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi; and Matsumoto, Michito, 4,526,732, Cl. 264-2.700.
Kaneda, Yutaka; and Ohga, Juro, 4,536,887, Cl. 381-92.000.
Kato, Masami; and Yoshikai, Noriaki, 4,502,143, Cl. 371-57.000.
Kawasaki, Akihisa; Tada, Kohji; Kotani, Toshihiro; and Miyazawa, Shintaro, 4,537,652, Cl. 156-617.0SP.
Kogure, Kenji; Kakizaki, Takao; Mitsuya, Yasunaga; Oguchi, Shigemitsu; and Otani, Koji, 4,544,972, Cl. 360-105.000.
Kozono, Shigeru; and Ishikawa, Keiichi, 4,561,114, Cl. 455-226.000.
Kyuragi, Hakaru; and Oikawa, Hideo, 4,557,036, Cl. 29-571.000.
Makabe, Takayoshi; Kuraishi, Yoshiaki; Nakayama, Kenji; and Kimura, Tadakatsu, 4,498,063, Cl. 333-173.000.
Masamura, Tatsuro; Morikura, Masahiro; and Maki, Takayoshi, 4,554,672, Cl. 375-40.000.
Matsuo, Seitaro; and Ono, Toshiro, 4,492,620, Cl. 204-192.00R.
Matsuo, Seitaro; Kiuchi, Mikiho; and Sekimoto, Misao, 4,543,266, Cl. 427-38.000.
Miyaguchi, Shoji, 4,514,592, Cl. 178-22.110.

- Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, 4,545,801, Cl. 65-157.000.
- Miyazawa, Shintaro; Nanishi, Yasushi; Tada, Kohji; Kawasaki, Akihisa; and Kotani, Toshihiro, 4,528,061, Cl. 156-605.000.
- Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, 4,530,001, Cl. 357-49.000.
- Mori, Hidefumi; and Ikeda, Masahiro, 4,534,820, Cl. 156-603.000.
- Morikawa, Yuichi; Saito, Kazuo; Amada, Eiichi; and Shirasu, Hirotoshi, 4,558,185, Cl. 179-170.0NC.
- Morita, Hirofumi; and Hosokawa, Teruo, 4,525,629, Cl. 250-396.0ML.
- Morita, Masao; Tanaka, Akinobu; Imamura, Saburo; Tamamura, Toshiaki; and Kogure, Osamu, 4,507,384, Cl. 430-311.000.
- Murakami, Toshiaki; Enomoto, Yoichi; and Inamura, Takahiro, 4,521,682, Cl. 250-211.00J.
- Murase, Katsumi; and Mizushima, Yoshihiko, 4,521,794, Cl. 357-2.000.
- Murata, Norio; Hoshino, Mitsutoshi; and Yamakawa, Shinzo, 4,509,820, Cl. 350-96.210.
- Nakagawa, Koichi; Maeda, Osamu; and Yamakawa, Shinzo, 4,497,759, Cl. 264-26.000.
- Nakajima, Hirohito; Haji, Katsumi; Shibata, Yoji; and Kosuge, Wataru, 4,538,176, Cl. 358-86.000.
- Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.
- Negishi, Yukiyasu; Ishida, Yukinori; Saito, Yasunori; and Tanaka, Shigeru, 4,491,386, Cl. 350-96.230.
- Nikaido, Tadanobu, 4,538,260, Cl. 370-66.000.
- Nishino, Masakazu; and Fujisaki, Hisashi, 4,513,177, Cl. 179-81.00B.
- Ochi, Hiroshi; and Tetsutani, Nobuji, 4,547,811, Cl. 358-280.000.
- Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, 4,556,800, Cl. 250-578.000.
- Okamoto, Katsunari; Edahiro, Takao; Kawana, Akio; and Miya, Tetsuo, 4,525,027, Cl. 350-96.300.
- Omata, Fujio; and Takamoto, Kiichi, 4,550,258, Cl. 260-505.100.
- Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.
- Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
- Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.
- Saito, Takashi, 4,561,789, Cl. 400-120.000.
- Sakai, Tetsushi; Kobayasi, Yoshizi; Yamauchi, Hironori; and Arita, Yoshinobu, 4,531,282, Cl. 29-578.000.
- Sampei, Takeshi; Miyahara, Norio; Nikaido, Tadanobu; Sato, Hiroaki; and Aoyama, Keizo, 4,512,012, Cl. 370-66.000.
- Shibayama, Akinori; Fujinami, Minpai; and Yoda, Haruo, 4,532,598, Cl. 364-491.000.
- Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, 4,542,406, Cl. 358-141.000.
- Taga, Tokio, 4,538,153, Cl. 343-700.0MS.
- Tahara, Toshiyuki; Uehara, Hironobu; Hamazato, Kazuo; and Hayashi, Toshio, 4,491,700, Cl. 179-170.0NC.
- Takagi, Akihiro; Yamada, Shinichi; and Sugawara, Syohel, 4,543,574, Cl. 340-825.500.
- Takano, Isamu; and Ohta, Norihisa, 4,496,908, Cl. 330-277.000.
- Tamamura, Toshiaki; and Niwa, Osamu, 4,559,112, Cl. 204-12.000.
- Tokura, Nobuyuki; Hakamata, Yoshiro; and Oguchi, Kimio, 4,562,582, Cl. 375-87.000.
- Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.
- Unagami, Takashi; and Tsujiyama, Bunjiro, 4,528,480, Cl. 315-169.100.
- Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, 4,518,989, Cl. 358-86.000.
- Yamano, Seiichi; and Ogiwara, Haruo, 4,507,721, Cl. 363-21.000.
- Yoshihara, Hideo; Ozawa, Akira; Sekimoto, Misao; and Ono, Toshiro, 4,515,876, Cl. 430-5.000.
- Yoshino, Hideo; Arai, Eisuke; and Kiuchi, Kazuhide, 4,538,167, Cl. 357-59.000.

Nippon Telephone & Telegraph Public Corporation: *See—*
- Hara, Ryoichi; Kuroha, Toshiaki; and Inagaki, Nobuo, 4,552,576, Cl. 65-2.000.

Nippon Television Network Corporation: *See—*
- Nakagawa, Koichi; Sugimori, Yoshio; Kimata, Yoshihide; Araki, Yosai; and Arai, Tomoji, 4,535,356, Cl. 358-145.000.

Nippon Tensaiseito Kabushiki Kaisha: *See—*
- Yamada, Yasutsugu, 4,560,619, Cl. 428-541.000.

Nippon Tenshashi Kabushiki Kaisha: *See—*
- Ibata, Sachiko, 4,526,589, Cl. 51-295.000.

Nippon Thompson Co., Ltd.: *See—*
- Geka, Toshiaki, 4,496,198, Cl. 308-6.00C.
- Geka, Toshiaki, 4,556,262, Cl. 308-6.00C.
- Mottate, Tatsuo, 4,504,097, Cl. 308-6.00C.
- Mottate, Tatsuo, 4,511,189, Cl. 308-6.00C.
- Tanaka, Kazuhiko, 4,505,522, Cl. 308-6.00C.

Nippon Unicar Company Ltd.: *See—*
- Taniguchi, Seiho; and Sakuma, Yuichiro, 4,493,787, Cl. 252-511.000.

Nippon Yakin Kogyo Co., Ltd.: *See—*
- Onoyama, Takashi; Ando, Osamu; and Minakata, Tsuyoshi, 4,552,199, Cl. 164-423.000.

Nippon Yakin Kogyo Kabushiki Kaisha: *See—*
- Tohge, Takeya, 4,512,802, Cl. 75-60.000.

Nippon Zeon Co. Ltd.: *See—*
- Akita, Shuichi; and Namizuka, Toshio, 4,550,142, Cl. 525-236.000.
- Joh, Yasushi; Kaneko, Noriaki; and Nagase, Toshio, 4,508,535, Cl. 604-282.000.
- Kitahara, Shizuo; and Sugi, Nagatoshi, 4,525,541, Cl. 525-337.000.
- Kitahara, Shizuo; Fujii, Toshihiro; and Sugi, Nagatoshi, 4,542,190, Cl. 525-332.600.
- Kubo, Yoichiro; Kohtaki, Takaaki; and Oura, Kiyomori, 4,510,293, Cl. 525-338.000.
- Nakamura, Mamoru; and Shibata, Fumio, 4,547,549, Cl. 525-197.000.
- Ogura, Shunichiro; and Soumai, Masamichi, 4,515,661, Cl. 203-60.000.
- Ogura, Shunichiro; and Soumai, Masamichi, 4,555,312, Cl. 203-29.000.
- Ogura, Shunichiro; and Soumai, Masamichi, 4,556,461, Cl. 203-29.000.
- Shiozaki, Shozo; Yamada, Hideaki; Tani, Yoshiki; and Shimizu, Sakayu, 4,562,149, Cl. 435-88.000.
- Tsuji, Jiro; and Shimizu, Isao, 4,496,766, Cl. 568-346.000.
- Tsuji, Takashi, 4,548,550, Cl. 417-390.000.
- Ueda, Akio; Akita, Shuichi; and Namizuka, Toshio, 4,555,547, Cl. 525-237.000.
- Ueda, Akio; Akita, Shuichi; and Chida, Takeshi, 4,555,548, Cl. 525-237.000.
- Watanabe, Noboru; Oyama, Motofumi; and Kubo, Yoichiro, 4,559,390, Cl. 525-349.000.
- Watanabe, Noboru; and Kubo, Yoichiro, 4,560,729, Cl. 525-233.000.
- Yamakawa, Masahiro; Nakamura, Mamoru; and Arai, Toyoichi, 4,558,087, Cl. 524-495.000.
- Yamamoto, Haruhisa, 4,547,615, Cl. 585-621.000.

Nippon Zoki Pharmaceutical Co. Ltd.: *See—*
- Hamada, Masaaki; Okamaoto, Kaoru; and Kurosaki, Teikichi, 4,555,513, Cl. 514-311.000.
- Okamoto, Kaoru; Hamada, Masaki; and Kurosaki, Teikichi, 4,545,993, Cl. 514-456.000.

Nippondenso Co., Ltd.: *See—*
- Abe, Shinichi; Taura, Mitsuharu; Amano, Hidetoshi; and Mizuno, Toshiaki, 4,512,320, Cl. 123-492.000.
- Abe, Tomoaki; Kinugawa, Masumi; and Hiromasa, Shunichiro, 4,527,530, Cl. 123-494.000.
- Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.
- Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431.110.
- Amano, Hidetoshi; Abe, Shinichi; Taura, Mitsuharu; and Mizuno, Toshiaki, 4,543,937, Cl. 123-491.000.
- Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, 4,519,362, Cl. 123-414.000.
- Ariyoshi, Hiromi; and Yokomori, Iwao, 4,520,420, Cl. 361-154.000.
- Atsumi, Morihiro; Yoshida, Hitoshi; Ito, Nobuei; and Atsumi, Kinya, 4,556,780, Cl. 219-270.000.
- Fujiwara, Kenichi; Sugi, Hikaru; and Hasada, Eiichi, 4,545,213, Cl. 6 R-158.000.
- Fukami, Yasuhiko; Sawada, Toshiichi; and Kinkori, Shuzo, 4,546,733, Cl. 123-52.0MB.
- Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.
- Hara, Kiyoshi; Inoue, Yozo; and Noda, Munetaka, 4,506,752, Cl. 180-179.000.
- Hara, Masahiro; Okamoto, Atsutoshi; and Sakai, Toshiyasu, 4,516,017, Cl. 235-472.000.
- Hara, Masahiro; and Sakai, Toshiyasu, 4,528,444, Cl. 235-462.000.
- Harada, Takashi; Kobayashi, Akio; Honda, Masakazu; Harada, Susumu; Fujimoto, Masaya; and Suzuki, Masatoshi, 4,543,176, Cl. 204-406.000.
- Haraguchi, Hiroshi; and Narita, Ko, 4,512,310, Cl. 123-425.000.
- Haraguchi, Hiroshi; Narita, Ko; and Iwata, Toshiharu, 4,513,716, Cl. 123-425.000.
- Haraguchi, Hiroshi; Narita, Ko; and Iwata, Toshiharu, 4,539,957, Cl. 123-425.000.
- Hasebe, Koshi; Miura, Kunio; Ono, Takashi; Akutsu, Kazushi; and Minami, Kazuaki, 4,513,377, Cl. 364-449.000.
- Hayakawa, Shoichi; and Saito, Muneo, 4,553,511, Cl. 123-179.00B.
- Hayashi, Mikio; Kawasumi, Kouzi; and Kimura, Yoshinobu, 4,540,252, Cl. 350-634.000.
- Honda, Masakazu; Harada, Susumu; and Kobayashi, Akio, 4,541,050, Cl. 364-424.000.
- Hosoe, Katsuharu; Takasu, Yasuhito; and Iwata, Toshiharu, 4,541,382, Cl. 123-425.000.
- Ido, Akinori; and Uchida, Goro , 4,545,526, Cl. 237-12.30A.
- Inagaki, Mitsuo; Ito, Seitoku; and Aoki, Hisashi, 4,502,850, Cl. 417-440.000.
- Inagaki, Mitsuo; Ito, Seitoku; Takeda, Kenji; and Kurokawa, Yoshiki, 4,557,670, Cl. 417-299.000.

Inoue, Shingo; Iwata, Toshiharu; and Takasu, Yasuhito, 4,517,944, Cl. 123-425.000.

Ishii, Yoshiya; Hachitani, Shuji; and Tanaka, Yasushi, 4,495,914, Cl. 123-357.000.

Ito, Osamu; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; and Hasegawa, Takashi, 4,494,511, Cl. 123-463.000.

Ito, Teruyoshi; and Abe, Shigeya, 4,527,535, Cl. 123-617.000.

Ito, Yoji; Inoue, Yozo; Hara, Kiyoshi; Muramoto, Kazuo; and Miura, Kunio, 4,514,810, Cl. 364-424.000.

Itoh, Hiroyasu; Suzuki, Yasutoshi; Horiuchi, Yasuhiro; and Hara, Kunihiko, 4,551,669, Cl. 323-268.000.

Izutani, Kouji; Shigeta, Isamu; Nara, Akio; and Hayashi, Hidetaka, 4,539,108, Cl. 210-104.000.

Kaji, Yasumasa; Isomura, Shigenori; Harada, Takashi; and Sakakibara, Shuji, 4,517,948, Cl. 123-489.000.

Kamai, Kenichiro, 4,561,295, Cl. 73-117.300.

Kanayama, Kenji; and Sugi, Hidekuni, 4,500,806, Cl. 310-198.000.

Kanayama, Kenji, 4,510,409, Cl. 310-268.000.

Kanayama, Kenji; and Kinkori, Shuzo, 4,536,672, Cl. 310-268.000.

Kashima, Osamu; and Shibata, Masamichi, 4,557,229, Cl. 123-169.0EL.

Kato, Hidetoshi; Sada, Takeshi; Mayumi, Nobuo; and Matsuhashi, Hajime, 4,525,662, Cl. 322-28.000.

Kato, Hidetoshi; Maruyama, Toshinori; Matsuhashi, Hajime; and Akita, Yoshio, 4,555,657, Cl. 320-64.000.

Kato, Masaaki; and Akashi, Tetsuji, 4,537,352, Cl. 239-90.000.

Kato, Takaaki; Kato, Takeshi; and Yoshizawa, Yoshikazu, 4,497,037, Cl. 364-900.000.

Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, 4,497,057, Cl. 371-29.000.

Kawamura, Setuo, 4,494,559, Cl. 137-116.500.

Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.

Kobayashi, Akio; Harada, Susumu; Harada, Takashi; Kikuchi, Takehiro; and Honda, Masakazu, 4,546,747, Cl. 123-489.000.

Kohama, Tokio; Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, 4,513,627, Cl. 73-862.340.

Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,513,628, Cl. 73-862.340.

Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,550,618, Cl. 73-862.340.

Kondo, Makoto; Nagasaku, Eiichi; Yamamoto, Yuuji; and Taya, Tosiki, 4,526,524, Cl. 418-255.000.

Kondo, Ryoji; Takamura, Kozo; and Higuchi, Kanji, 4,540,910, Cl. 313-11.500.

Kumazawa, Takahiro; Nakamura, Yoshihiro; and Izawa, Toshihisa, 4,558,695, Cl. 228-183.000.

Kuraoka, Hiroaki; Mizuno, Toshinori; Matsui, Katsumasa; and Ohba, Masahiro, 4,553,427, Cl. 73-117.300.

Kuroyanagi, Masatoshi; and Suzuki, Masahiko, 4,537,171, Cl. 123-449.000.

Kusakawa, Yukio; Nakamura, Toshiaki; Ina, Yoshifumi; and Inbe, Takashi, 4,508,492, Cl. 417-366.000.

Kusakawa, Yukio, 4,538,968, Cl. 417-368.000.

Maruyama, Kimio, 4,523,500, Cl. 83-37.000.

Masaki, Kazuo; and Hiramatsu, Ryohei, 4,506,701, Cl. 137-596.170.

Masegi, Mitsuhiko, 4,558,260, Cl. 315-82.000.

Matsui, Takeski; Ohyama, Hideo; Tachi, Ryosuke; Ito, Teruyoshi; and Kawai, Motoshi, 4,519,038, Cl. 364-431.030.

Matsumura, Toshimi; Miyaki, Masahiko; Tomishima, Hitoshi; and Masuda, Akira, 4,495,920, Cl. 123-436.000.

Matuoka, Hirosi, 4,494,421, Cl. 74-600.000.

Minami, Kazuaki; Totani, Shinzo; Miura, Kunio; Akutsu, Kazushi; and Ohyama, Shinji, 4,502,123, Cl. 364-424.000.

Miura, Kunio; Hasebe, Koshi; Ono, Takashi; Akutsu, Kazushi; Ohyama, Shinji; and Minami, Kazuaki, 4,504,913, Cl. 364-449.000.

Miura, Kunio; and Ono, Takashi, 4,511,973, Cl. 364-449.000.

Miyakawa, Susumu; Fukuta, Toshiaki; Akado, Hajime; and Taki, Yoshihiro, 4,498,989, Cl. 210-450.000.

Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, 4,492,534, Cl. 417-386.000.

Miyaki, Masahiko; Masuda, Akira; and Matsumura, Toshimi, 4,499,883, Cl. 123-503.000.

Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, 4,503,821, Cl. 123-357.000.

Mizuno, Toshiaki; Omori, Norio; and Kinugawa, Masumi, 4,528,960, Cl. 123-478.000.

Mizuno, Yoshikazu; and Ikuma, Akira, 4,532,432, Cl. 307-10.00R.

Mizuno, Yoshikazu; and Ikuma, Akira, 4,539,642, Cl. 364-426.000.

Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, 4,523,552, Cl. 123-143.00B.

Murakami, Kazuhiro; Yamazoe, Hisamitsu; and Mizuno, Toshiaki, 4,506,639, Cl. 123-339.000.

Muramatsu, Hiromochi; Watanabe, Atsushi; and Hara, Kunihiko, 4,547,046, Cl. 350-357.000.

Muramatsu, Toshihiko; Kobayashi, Akio; Kondo, Toshio; Isomura, Shigenori; and Eino, Tomomi, 4,492,202, Cl. 123-478.000.

Murayama, Fumiaki; and Handa, Shizuo, 4,497,303, Cl. 123-501.000.

Nagasawa, Masao, 4,537,174, Cl. 123-604.000.

Nagasawa, Shiro; Morimoto, Naruaki; Fujimura, Toshio; Itoh, Masayuki; and Taniguchi, Shinya, 4,542,730, Cl. 123-489.000.

Nakamura, Hirotoshi; Itoh, Teruyoshi; Haraguchi, Hiroshi; Narita, Kou; Iwata, Toshiharu; and Matsui, Takeshi, 4,498,331, Cl. 73-35.000.

Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, 4,503,830, Cl. 123-501.000.

Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.

Nakashima, Noriyuki; and Ishiguro, Yoshinori, 4,506,909, Cl. 280-707.000.

Niimi, Yukihide; Yoshida, Seietsu; and Ohnaka, Hidemi, 4,501,242, Cl. 123-440.000.

Niimi, Yukihide; Kinoshita, Kenzi; and Urushidani, Masahiro, 4,501,243, Cl. 123-440.000.

Ninomiya, Masakazu; Suzuki, Atsushi; and Kawashima, Yutaka, 4,503,824, Cl. 123-436.000.

Ninomiya, Masakazu; Suda, Toshi; Omori, Norio; Akiyama, Susumu; and Fukaya, Hiroyasu, 4,510,910, Cl. 123-486.000.

Ninomiya, Masakazu; and Fujimoto, Masaya, 4,548,179, Cl. 123-440.000.

Nishi, Yasuyuki; Takagi, Masasi; and Sakurai, Masao, 4,531,378, Cl. 62-217.000.

Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, 4,537,042, Cl. 62-208.000.

Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, 4,539,823, Cl. 62-228.500.

Nishi, Yasuyuki; Takagi, Masashi; and Sakurai, Masao, 4,561,260, Cl. 62-115.000.

Nishimura, Masao; Mori, Masami; and Yoshimi, Akirou, 4,537,245, Cl. 165-22.000.

Nishizawa, Kazutoshi; Takagi, Masashi; and Nishi, Yasuyuki, 4,547,133, Cl. 417-270.000.

Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.

Noda, Munetaka; Muto, Takahiko; Suzuki, Motoyoshi; and Ninoyu, Yutaka, 4,560,024, Cl. 180-176.000.

Nojiri, Tadao; Kanamaru, Kenji; Matsuyama, Masahiro; Nishikawa, Takayoshi; and Ito, Yoji, 4,503,528, Cl. 367-198.000.

Nojiri, Tadao; Asada, Hiroshige; and Teraura, Nobuyuki, 4,530,110, Cl. 381-43.000.

Ogata, Masami; and Mizuno, Toshiaki, 4,528,956, Cl. 123-440.000.

Ogura, Ken; Yamada, Nobuhiko; and Ohmi, Hiroshi, 4,497,693, Cl. 204-15.000.

Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, 4,499,544, Cl. 364-431.040.

Omori, Norio; Tabe, Tsutomu; Ito, Katsunori; and Hayashi, Shuukichi, 4,501,250, Cl. 123-486.000.

Ootsuka, Yoshinori; Hattori, Tadashi; Yamamoto, Minoru; and Ozaki, Tadashi, 4,537,065, Cl. 73-117.300.

Oshiro, Takao; Fukami, Akira; and Sasaya, Hideaki, 4,558,634, Cl. 98-2.180.

Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, 4,513,945, Cl. 251-129.000.

Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.

Sakai, Toshiyasu; Hara, Masahiro; and Teraura, Nobuyuki, 4,538,060, Cl. 235-472.000.

Sakurai, Takashi, 4,531,232, Cl. 455-152.000.

Sangu, Osamu; and Hotta, Seiko, 4,500,775, Cl. 219-497.000.

Sawada, Toshiichi; Fukami, Yasuhiko; and Kinkori, Shuzo, 4,539,947, Cl. 123-52.00M.

Shiga, Tsutomu, 4,549,103, Cl. 310-60.00R.

Shinoda, Kazuo; Miyaki, Masahiko; Masuda, Akira; and Koide, Hiroshi, 4,505,240, Cl. 123-357.000.

Sueishi, Motoharu; and Nakamura, Mitsuo, 4,503,827, Cl. 123-478.000.

Suzuki, Akihiro; Souda, Keiichi; Kuno, Masao; and Ikuta, Hiroshi, 4,538,191, Cl. 360-88.000.

Suzuki, Atsushi; Ninomiya, Masakazu; and Maeda, Katuya, 4,538,578, Cl. 123-478.000.

Suzuki, Atsushi; Ninomiya, Masakazu; Maeda, Katsuya; and Kawashima, Yutaka, 4,550,701, Cl. 123-436.000.

Suzuki, Haruo; and Hashimoto, Shigeyoshi, 4,497,359, Cl. 164-120.000.

Suzuki, Yasutoshi; Hara, Kunihiko; and Sato, Ryo, 4,499,451, Cl. 340-98.000.

Takakuwa, Eiji; Shimizu, Kouichi; and Kondo, Masahiro, 4,502,442, Cl. 123-417.000.

Takao, Mitsunori, 4,499,881, Cl. 123-492.000.

Takao, Mitsunori; and Mizuno, Toshiaki, 4,508,075, Cl. 123-339.000.

Takao, Mitsunori; and Kimura, Takahiko, 4,509,477, Cl. 123-339.000.

Takao, Mitsunori; and Ban, Toshika, 4,510,569, Cl. 364-431.120.

Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuji, 4,522,176, Cl. 123-339.000.

Takao, Mitsunori; and Kimura, Takahiko, 4,545,355, Cl. 123-489.000.

Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuzi, 4,549,512, Cl. 123-339.000.

Takao, Mitsunori; Kimura, Takahiko; and Omori, Norio, 4,553,518, Cl. 123-478.000.

- Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,493,620, Cl. 417-366.000.
- Takei, Toshihiro; Goshima, Takahiro; Hattori, Yoshiyuki; and Matsui, Kazuma, 4,494,943, Cl. 474-28.000.
- Takei, Toshihiro; Hattori, Yoshiyuki; and Ohnishi, Shunsaku, 4,538,958, Cl. 415-53.00T.
- Takenaka, Akihiko; Arakawa, Miyao; Sato, Masahiro; and Yamaguchi, Toshiyuki, 4,513,609, Cl. 73-116.000.
- Takeuchi, Yukihisa; and Tomita, Masahiro, 4,505,726, Cl. 55-282.000.
- Takeuchi, Yukihisa; and Tomita, Masahiro, 4,516,993, Cl. 55-283.000.
- Tamura, Masami, 4,546,822, Cl. 165-149.000.
- Tanaka, Ryoichi; and Sakurai, Yasuhiko, 4,546,265, Cl. 307-10.0CS.
- Tokitsu, Naoki; Fujiwara, Toshitaka; Kato, Toranosuke; and Uno, Toshihiko, 4,500,868, Cl. 340-52.00F.
- Tsuda, Tadashi; Hiramatsu, Seiichiro; Ohtsuka, Mitsugi; and Maeno, Tsuyoshi, 4,551,722, Cl. 340-904.000.
- Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,492,515, Cl. 415-53.00T.
- Watanabe, Kiyohiko; Hattori, Yoshiyuki; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,556,363, Cl. 415-53.00T.
- Yamada, Takashi; and Shimamoto, Mamoru, 4,549,099, Cl. 307-359.000.
- Yamaguchi, Shunzo; Fukazawa, Takeshi; and Atsumi, Morihiro, 4,505,107, Cl. 60-303.000.
- Yamaguchi, Shunzo; Atsumi, Morihiro; and Fukazawa, Takeshi, 4,549,905, Cl. 75-238.000.
- Yamamoto, Noboru; Okuda, Ryoichi; and Makino, Tomoatsu, 4,492,213, Cl. 123-644.000.
- Yamamoto, Yoshihisa, 4,499,876, Cl. 123-446.000.
- Yamazoe, Hisamitsu; Matsuura, Hideki; Ito, Katsunori; and Ohba, Masahiro, 4,526,042, Cl. 75-861.750.
- Yano, Kiyotoshi; Suzuki, Yutaka; and Yamada, Yoshichika, 4,522,372, Cl. 251-141.000.
- Yokoyama, Masato; Nagasaku, Eiichi; Taya, Tosiki; and Kato, Toshiyuki, 4,560,332, Cl. 418-83.000.
- Yoshida, Hitoshi; Atsumi, Morihiro; Ito, Nobuei; and Atsumi, Kinya, 4,499,366, Cl. 219-270.000.
- Nir, Zohar; and Gilwee, William J., Jr., to United States of America, National Aeronautics and Space Administration. Toughening reinforced epoxy composites with brominated polymeric additives. 4,550,129, 10-29-85, Cl. 523-433.000.
- Nira, Hisami: *See—*
  - Taya, Akira; Narita, Kazuo; Akiyama, Jun-etsu; Asada, Masao; and Nira, Hisami, 4,527,087, Cl. 313-487.000.
- Nirdosh, Inderjit: *See—*
  - Baird, Malcolm H. I.; and Nirdosh, Inderjit, 4,523,456, Cl. 73-64.400.
- Nisato, Dino; and Boveri, Sergio, to Sanofi. Benzamides, their salts, and pharmaceutical compositions containing them. 4,492,711, 1-8-85, Cl. 424-285.000.
- Nisato, Dino; Boveri, Sergio; Roncucci, Romeo; and Carminati, Paolo, to Sanofi. Certain amide derivatives of 2-guanidino-thiazoles and compositions containing same. 4,501,747, 2-26-85, Cl. 514-342.000.
- Nisato, Dino; and Boveri, Sergio, to Sanofi. N-substituted nicotinamide 1-oxide as histamine H_2 receptor blockers. 4,514,408, 4-30-85, Cl. 514-212.000.
- Nisato, Dino; Frigerio, Marco; and Miranda, Giovanna F., to Sanofi. Anorexigenic trifluoromethylphenyltetrahydropyridines and pharmaceutical compositions containing them. 4,521,428, 6-4-85, Cl. 514-277.000.
- Nisato, Dino; and Boveri, Sergio, to Sanofi. 3-amino-n-[2-(5-dimethylaminomethylfuran-2-ylmethylthio)ethyl]benzamide intermediate. 4,526,995, 7-2-85, Cl. 549-494.000.
- Nischwitz, Dieter: *See—*
  - Herchenbach, Wolfgang; and Nischwitz, Dieter, 4,541,151, Cl. 24-265.0WS.
- Nisenson, Jules: *See—*
  - Waine, Martin; Rude, Edward T.; and Nisenson, Jules, 4,499,937, Cl. 160-41.000.
- Nishazawa, Junichi: *See—*
  - Nishizawa, Junichi; Suzuki, Soubei; and Tamamushi, Takashige, 4,499,654, Cl. 29-571.000.
- Nishi, Hidetoshi: *See—*
  - Nihei, Mitsuo; and Nishi, Hidetoshi, 4,499,748, Cl. 72-238.000.
- Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, to Omron Tateisi Electronics, Co. Push-button switch. 4,551,592, 11-5-85, Cl. 200-67.00D.
- Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, to Omron Tateisi Electronics Co. Illuminated display assembly. 4,561,045, 12-24-85, Cl. 362-368.000.
- Nishi, Kazuro; Kurahashi, Koichiro; Hashimoto, Tsutomu; Senoo, Toshihiko; and Yamato, Shinji, to Mitsubishi Denki Kabushiki Kaisha. Hologram scanner. 4,540,247, 9-10-85, Cl. 350-3.710.
- Nishi, Kohichi; and Takahashi, Akira, to Ricoh Company, Ltd. Automatic exposure control circuit. 4,550,997, 11-5-85, Cl. 354-459.000.
- Nishi, Shinichi; Satoh, Taxey; Shimada, Fumio; and Takahashi, Toshiaki, to Konishiroku Photo Industry Co., Ltd. Optical information recording medium. 4,536,471, 8-20-85, Cl. 430-495.000.
- Nishi, Takao: *See—*
  - Uchida, Minoru; Nishi, Takao; and Nakagawa, Kazuyuki, 4,540,703, Cl. 514-381.000.
- Nishi, Takeshi: *See—*
  - Ichikawa, Masashi; Saito, Toru; and Nishi, Takeshi, 4,506,134, Cl. 219-100.000.
- Nishi, Toshihiro: *See—*
  - Takagi, Shigehide; Yokota, Norio; Sato, Syohei; and Nishi, Toshihiro, 4,560,413, Cl. 106-120.000.
- Nishi, Yasutaka; Hamada, Masao; Ishikawa, Yoshihide; and Inoue, Setsuo, to Harima Chemicals, Inc. Method of manufacturing aqueous fortified rosin dispersion. 4,544,608, 10-1-85, Cl. 428-498.000.
- Nishi, Yasuyuki; Takagi, Masasi; and Sakurai, Masao, to Nippondenso Co., Ltd. Automotive refrigeration system. 4,531,378, 7-30-85, Cl. 62-217.000.
- Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, to Nippondenso Co., Ltd. Automotive refrigeration system. 4,537,042, 8-27-85, Cl. 62-208.000.
- Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, to Nippondenso Co., Ltd. Refrigeration system. 4,539,823, 9-10-85, Cl. 62-228.500.
- Nishi, Yasuyuki; Takagi, Masashi; and Sakurai, Masao, to Nippondenso Co., Ltd. Method of controlling refrigeration system for automotive air conditioner. 4,561,260, 12-31-85, Cl. 62-115.000.
- Nishi, Yasuyuki: *See—*
  - Nishizawa, Kazutoshi; Takagi, Masashi; and Nishi, Yasuyuki, 4,547,133, Cl. 417-270.000.
- Nishi, Yoshio: *See—*
  - Egawa, Hideharu; Nishi, Yoshio; and Maeguchi, Kenji, 4,491,856, Cl. 357-4.000.
  - Konaka, Masami; Iwai, Hiroshi; and Nishi, Yoshio, 4,523,213, Cl. 357-23.700.
- Nishi, Yuzo: *See—*
  - Kato, Kazuaki; and Nishi, Yuzo, 4,542,363, Cl. 337-31.000.
- Nishibe, Masami: *See—*
  - Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, 4,530,041, Cl. 362-268.000.
  - Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, 4,542,448, Cl. 362-268.000.
- Nishibe, Takashi: *See—*
  - Yokoyama, Shotaro; and Nishibe, Takashi, 4,529,886, Cl. 250-578.000.
  - Yokoyama, Shotaro; and Nishibe, Takashi, 4,542,289, Cl. 250-201.000.
- Nishibori, Sadao. Method for manufacturing wood-like molded product. 4,505,869, 3-19-85, Cl. 264-115.000.
- Nishibori, Setsuo: *See—*
  - Taniuchi, Akira; Nishibori, Setsuo; Komori, Hirohito; and Hayashi, Motoshige, 4,530,880, Cl. 428-402.000.
- Nishibori, Toshiki, to Sharp Kabushiki Kaisha. Sheet paper attracting system. 4,506,876, 3-26-85, Cl. 271-104.000.
- Nishibori, Toshiki; Kita, Sumio; and Takano, Sakuharu, to Sharp Kabushiki Kaisha. Sheet paper attracting system. 4,518,159, 5-21-85, Cl. 271-103.000.
- Nishida, Haruki; and Yano, Yasuhiro, to Fujitsu Limited. Temperature-compensating voltage generator circuit. 4,532,468, 7-30-85, Cl. 323-367.000.
- Nishida, Haruki: *See—*
  - Sogo, Hiroyuki; Ohsawa, Zenichi; Umino, Isamu; and Nishida, Haruki, 4,509,208, Cl. 455-317.000.
- Nishida, Hidehiko; Koshino, Minoru; Tateishi, Terutaka; and Hattori, Akira, to Fujitsu Limited. Access control processing system in computer system. 4,547,848, 10-15-85, Cl. 364-200.000.
- Nishida, Hiroshi; and Haruna, Toshiyuki, to Hitachi, Ltd. Apparatus for reducing starting adhesion between a magnetic disc and flying head. 4,542,429, 9-17-85, Cl. 360-103.000.
- Nishida, Hiroshi, to Kawasaki Jukogyo Kabushiki Kaisha. Structure for retaining tank cap. 4,552,282, 11-12-85, Cl. 220-20.000.
- Nishida, Hiroshi; Hizawa, Kouichi; and Mine, Taiichi, to Japan Tobacco & Salt Public Corporation, The. Apparatus for supplying cardboards. 4,557,698, 12-10-85, Cl. 414-330.000.
- Nishida, Hisato: *See—*
  - Katano, Hiroki; Nishida, Hisato; Semba, Katsumi; Enomoto, Kouji; and Uchida, Kazu, 4,560,198, Cl. 296-185.000.
- Nishida, Katsumi, to Beltek Corporation. Circuit device for selecting station and tape in tape player with built-in radio. 4,495,607, 1-22-85, Cl. 369-6.000.
- Nishida, Keijiro: *See—*
  - Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285, Cl. 350-600.000.
- Nishida, Kenji, to Kabushiki Kaisha Komatsu Seisakusho. Turnover device. 4,533,291, 8-6-85, Cl. 414-728.000.
- Nishida, Kenji: *See—*
  - Baba, Kiyokazu; and Nishida, Kenji, 4,555,012, Cl. 198-621.000.
- Nishida, Kozi; and Yamamoto, Takashi, to Mitsubishi Rayon Co., Ltd. Plastic optical fibers. 4,544,235, 10-1-85, Cl. 350-96.340.
- Nishida, Kozi: *See—*
  - Kishida, Kazuo; Yamamoto, Naoki; Nishida, Kozi; Narita, Toshihito; and Sato, Yasumasa, 4,513,111, Cl. 524-458.000.
- Nishida, Masami; Nishimura, Keizo; Arai, Takao; and Amada, Nobutaka, to Hitachi, Ltd. Code error detection and correction method and apparatus. 4,541,091, 9-10-85, Cl. 371-39.000.
- Nishida, Masamitsu; Ouchi, Hiromu; and Matsuo, Yoshihiro, to Matsushita Electric Industrial Co., Ltd. Dielectric ceramic compositions. 4,555,494, 11-26-85, Cl. 501-134.000.
- Nishida, Masamitsu: *See—*
  - Kato, Junichi; Yokotani, Yoichirou; Nishida, Masamitsu; and Ouchi, Hiromu, 4,542,107, Cl. 501-134.000.

- Nishida, Masanori: *See—*
  - Awano, Shunya; Koseki, Kazusuke; and Nishida, Masanori, 4,529,644, Cl. 428-284.000.
  - Awano, Shunya; Koseki, Kazusuke; and Nishida, Masanori, 4,541,264, Cl. 72-257.000.
- Nishida, Minoru, to Mitsubishi Denki Kabushiki Kaisha. Ignition control system of internal combustion engine. 4,520,781, 6-4-85, Cl. 123-414.000.
- Nishida, Minoru: *See—*
  - Morita, Masahiko; Mano, Junichi; Nishida, Minoru; Tanaka, Tomoo; Aoyagi, Nobuo; and Takizawa, Syoichi, 4,502,897, Cl. 148-12.00F.
  - Mukainakano, Shinichi; Hattori, Tadashi; Nishida, Minoru; Mizuno, Toru; and Goto, Tukasa, 4,523,552, Cl. 123-143.00B.
- Nishida, Mitsuhiro; Yamamoto, Sakuei; Sonoda, Nobuo; Okahashi, Kazuo; and Takagi, Shoji, to Mitsubishi Denki Kabushiki Kaisha. Molding material for the stator of a submersible motor. 4,546,130, 10-8-85, Cl. 523-459.000.
- Nishida, Mitsuhiro: *See—*
  - Yamamoto, Sakuei; Nishida, Mitsuhiro; Tashiro, Noboru; and Sonoda, Nobuo, 4,496,866, Cl. 310-87.000.
  - Yamamoto, Sakuei; Inao, Hiroshi; Nishida, Mitsuhiro; Matsushita, Matao; and Komoda, Hidemi, 4,532,446, Cl. 310-87.000.
  - Yamamoto, Sakuei; Nishida, Mitsuhiro; Inao, Hiroshi; Tashiro, Noboru; and Hani, Kiyoshi, 4,549,105, Cl. 310-87.000.
- Nishida, Sumio; Matsuo, Noritada; Tsushima, Kazunori; Hatakoshi, Makoto; and Hirano, Masachika, to Sumitomo Chemical Company, Limited. Certain phenoxy-benzyloxy ether derivatives and an insecticidal and/or acaricidal composition containing the same and methods of use. 4,562,213, 12-31-85, Cl. 514-721.000.
- Nishida, Susumu; Fuchigami, Tadashi; Kimura, Seiji; Kishi, Shunsaku; and Kobayashi, Akio, to Sanyo Electric Co., Ltd. Cooling device for refrigerator. 4,527,624, 7-9-85, Cl. 165-184.000.
- Nishida, Takashi: *See—*
  - Kawano, Tadaaki; and Nishida, Takashi, 4,561,755, Cl. 355-3.0SH.
  - Kawano, Tadaaki; Ito, Keizo; and Nishida, Takashi, 4,561,760, Cl. 355-3.00R.
  - Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.
  - Shiono, Manzo; Fujita, Yoshiji; and Nishida, Takashi, 4,523,024, Cl. 549-407.000.
  - Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,491,465, Cl. 71-88.000.
  - Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, 4,521,242, Cl. 71-94.000.
  - Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.
- Nishida, Takeshi; Yamagami, Yousuke; Takeda, Toshihide; and Saito, Toshio, to Kanebo, Ltd. Heat retaining article. 4,547,906, 10-22-85, Cl. 2-93.000.
- Nishida, Takeshi: *See—*
  - Sato, Keishi; Nishida, Takeshi; Kamiya, Toji; and Tanaka, Yutaka, 4,539,255, Cl. 428-252.000.
- Nishida, Tatehiko: *See—*
  - Senda, Kenichi; Ando, Masao; Nakamura, Kyoichi; and Nishida, Tatehiko, 4,540,718, Cl. 521-58.000.
- Nishida, Tetsuya: *See—*
  - Katayama, Yoshiyuki; and Nishida, Tetsuya, 4,553,605, Cl. 172-2.000.
- Nishida, Toyomi; Suzuki, Takeshi; Hatamori, Takashi; and Terada, Sei, to Kawasaki Jukogyo Kabushiki Kaisha. Pulverizing mill apparatus. 4,504,020, 3-12-85, Cl. 241-121.000.
- Nishide, Kazuhiro: *See—*
  - Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, 4,561,509, Cl. 177-25.000.
- Nishiga, Kazuya: *See—*
  - Kaneko, Akio; Kajiwara, Hitoshi; Haikawa, Yukihiko; and Nishiga, Kazuya, 4,504,968, Cl. 381-103.000.
- Nishigaki, Haruo; Watanabe, Koji; Fukui, Shiroh; and Kanematsu, Kiyoshi, to Asahi Glass Company Ltd.; and Mitsubishi Denki Kabushiki Kaisha. Flame resistant oil. 4,556,511, 12-3-85, Cl. 252-573.000.
- Nishigaki, Kenichi, to Mitsubishi Kinzoku Kabushiki Kaisha. Tough carbide base cermet. 4,514,224, 4-30-85, Cl. 75-238.000.
- Nishigaki, Kenichi: *See—*
  - Tanase, Teruyoshi; Nishigaki, Kenichi; and Ajima, Tatsuro, 4,547,470, Cl. 501-87.000.
- Nishigaki, Masahiko: *See—*
  - Hirobe, Kazushi; Tonoki, Satoshi; and Nishigaki, Masahiko, 4,493,913, Cl. 523-205.000.
- Nishigaki, Shinichi: *See—*
  - Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.
- Nishigakiuchi, Yasushi: *See—*
  - Okada, Masashi; Nishigakiuchi, Yasushi; and Tominaga, Yoichi, 4,529,447, Cl. 106-287.240.
- Nishiguchi, Akira; Usui, Sanpei; Oouchi, Tomihisa; and Iwai, Kazumi, to Hitachi, Ltd. Vapor generator. 4,499,859, 2-19-85, Cl. 122-18.000.
- Nishiguchi, Akira: *See—*
  - Oouchi, Tomihisa; Usui, Sampei; Fukuda, Tamio; and Nishiguchi, Akira, 4,520,634, Cl. 62-476.000.
- Nishiguchi, Fumio; and Komatsu, Hiroshi, to Nissan Motor Company, Limited. Variable-capacity radial turbine. 4,544,326, 10-1-85, Cl. 415-151.000.
- Nishiguchi, Ikuzo: *See—*
  - Inoue, Hiroshige; Fukushima, Kenichi; and Nishiguchi, Ikuzo, 4,533,732, Cl. 544-172.000.
  - Matsubara, Yoshiharu; Hirashima, Tsuneaki; and Nishiguchi, Ikuzo, 4,510,025, Cl. 204-78.000.
- Nishiguchi, Masahiko: *See—*
  - Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.
- Nishiguchi, Takashi; and Tamura, Shingo, to Hitachi, Ltd. Stylus for use with video disc and method of grinding such stylus. 4,504,940, 3-12-85, Cl. 369-126.000.
- Nishiguchi, Yuzuru; Uchiyama, Shigeru; and Kobayashi, Masaaki, to Shinko Denshi Company Limited. Piezoelectric mechanism for converting weight into frequency. 4,544,858, 10-1-85, Cl. 310-321.000.
- Nishihama, Hideki; and Miyazaki, Kazuhide, to Mitsui Mining & Smelting Co., Ltd. Organic electrolyte cells. 4,560,631, 12-24-85, Cl. 429-194.000.
- Nishihama, Hitoshi; Gotoda, Katsuhiko; Motomura, Minoru; Nakajima, Tadanobu; and Aizawa, Tatsuo, to Mita Industrial Co., Ltd. Method for transferring toner image. 4,533,618, 8-6-85, Cl. 430-126.000.
- Nishihara, Hidetoshi: *See—*
  - Kawai, Hideki; Nishihara, Hidetoshi; Nakaoka, Seishi; and Hamada, Koushi, 4,531,894, Cl. 417-312.000.
- Nishihara, Hisakatsu; and Yoshimitsu, Arata, to Kubota, Ltd. Assembly roll for high temperature service. 4,538,668, 9-3-85, Cl. 164-448.000.
- Nishihara, Hisakatsu: *See—*
  - Hiraishi, Hisashi; Nishihara, Hisakatsu; and Shiokawa, Hiroyuki, 4,561,890, Cl. 75-125.000.
  - Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.
- Nishihara, Motohisa: *See—*
  - Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; and Nishihara, Motohisa, 4,495,820, Cl. 73-724.000.
  - Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; Kobori, Shigeyuki; and Nishihara, Motohisa, 4,527,428, Cl. 73-721.000.
- Nishihara, Nobuyoshi: *See—*
  - Fujioka, Masato; Kobayashi, Katsuyoshi; Yuta, Koichi; and Nishihara, Nobuyoshi, 4,494,929, Cl. 432-59.000.
- Nishihara, Tadao, to Iseki & Co., Ltd. Front power take-off for tractors. 4,498,349, 2-12-85, Cl. 74-5.200.
- Nishihara, Tadao, to Iseki & Co., Ltd. Front-wheel drive device for vehicle. 4,516,654, 5-14-85, Cl. 180-255.000.
- Nishihara, Teruyoshi, to Nissan Motor Company, Limited. AC generator. 4,500,828, 2-19-85, Cl. 322-46.000.
- Nishihara, Toshio: *See—*
  - Shingu, Tadashi; Tsutada, Tadakazu; Nishihara, Toshio; and Suzuki, Nobuo, 4,520,611, Cl. 52-789.000.
  - Yamanashi, Yoshihiro; Okuma, Minoru; Hata, Masahito; and Nishihara, Toshio, 4,557,711, Cl. 474-900.000.
- Nishihara, Yasuhiro: *See—*
  - Takashima, Ryokichi; Goko, Nobuaki; Uehara, Yumito; Nishihara, Yasuhiro; and Yamamoto, Hidetoshi, 4,492,787, Cl. 525-53.000.
- Nishihata, Ken; Iinuma, Katsuharu; Yamada, Hitoshi; Hirano, Fumiya; and Tsuruoka, Takashi, to Meiji Seika Kaisha Ltd. Sodium 7β-(2D-2-amino-2-carboxyethylthioacetamido)-7α-methoxy-3-(1-methyl-1H-tetrazol-5-yl)thiomethyl-3-cephem-4-carboxylate heptahydrate and process for its preparation. 4,555,404, 11-26-85, Cl. 514-201.000.
- Nishihata, Ken: *See—*
  - Atsumi, Kunio; Katano, Kiyoaki; Kai, Fumio; Nishihata, Ken; and Akita, Eiichi, 4,560,750, Cl. 544-21.000.
- Nishihata, Kouji; Nakazima, Ichiro; and Hirata, Mituo, to Hitachi, Ltd. Method of and apparatus for supporting rope of crane having articulating structure. 4,527,698, 7-9-85, Cl. 212-187.000.
- Nishihata, Susumu: *See—*
  - Yamaura, Tadao; and Nishihata, Susumu, 4,506,562, Cl. 74-606.00R.
- Nishihira, Keigo: *See—*
  - Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.
  - Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000
- Nishii, Michiharu, to Aisin Seiki Kabushiki Kaisha. Vacuum booster assembly. 4,534,270, 8-13-85, Cl. 91-376.00R.
- Nishii, Michiharu: *See—*
  - Furuta, Yohichi; Tsubouchi, Kaoru; and Nishii, Michiharu, 4,494,445, Cl. 91-369.00A.
- Nishiike, Naritoshi; Nishimaki, Takashi; Miura, Yasushi; and Kumamura, Masaaki, to Sumitomo Heavy Industries, Ltd. Apparatus for automatically exchanging die for injection molding. 4,555,228, 11-26-85, Cl. 425-185.000.
- Nishijima, Hideo; Sera, Katsumi; Fukushima, Isao; and Kobori, Yasunori, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Motor driving circuit. 4,494,056, 1-15-85, Cl. 318-269.000.
- Nishijima, Hideo; Fukushima, Isao; Teshima, Tsunehiko; Kobori, Yasunori; and Ito, Takayasu, to Hitachi, Ltd. Power supply for plural brushless DC motors. 4,503,369, 3-5-85, Cl. 318-254.000.
- Nishijima, Hideo: *See—*
  - Fukushima, Isao; Kobori, Yasunori; Nishijima, Hideo; and Masuda, Yoshinori, 4,518,901, Cl. 318-328.000.

Fukushima, Isao; Kuwahara, Kazuyoshi; Itoigawa, Keiichi; Kobori, Yasunori; and Nishijima, Hideo, 4,521,750, Cl. 333-28.00R.

Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.

Nishijima, Kanji: *See—*

Murakami, Ryoichi; Uyeda, Yoshiyuki; Nishijima, Kanji; and Yanagihara, Tetsuo, 4,533,683, Cl. 523-414.000.

Nishijima, Ryoji: *See—*

Matsuo, Yoshiho; Yoshino, Atsuhiko; and Nishijima, Ryoji, 4,508,878, Cl. 525-333.800.

Matsuo, Yoshiho; Nishijima, Ryoji; Yoshino, Atsuhiko; and Kawashima, Takai, 4,528,151, Cl. 264-83.000.

Nishijima, Takayoshi: *See—*

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,497,223, Cl. 74-866.000.

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,274, Cl. 74-866.000.

Maruyama, Ryoichi; Nishijima, Takayoshi; Aida, Hideaki; Konishi, Hideyuki; and Hatayama, Keiji, 4,519,275, Cl. 74-866.000.

Nishijima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, to Konishiroku Photo Industry Co., Ltd. Method of providing an increased brightening effect and silver halide photographic material having increased brightening effect. 4,526,853, 7-2-85, Cl. 430-139.000.

Nishijima, Toyoki; and Onodera, Kaoru, to Konishiroku Photo Industry Co., Ltd. Method of improving the light resistance of a dye image. 4,540,653, 9-10-85, Cl. 430-372.000.

Nishijima, Yasuo: *See—*

Egami, Kazunari; Umeda, Tetsuo; Tsukakoshi, Naoto; and Nishijima, Yasuo, 4,524,453, Cl. 382-1.000.

Umeda, Tetsuo; Egami, Kazunari; Tsukakoshi, Naoto; and Nishijima, Yasuo, 4,528,692, Cl. 382-9.000.

Nishikage, Tadao: *See—*

Hiyoshi, Kazuhiko; Matsuura, Norio; Matsuguchi, Michiharu; Onofusa, Norio; and Nishikage, Tadao, 4,535,120, Cl. 524-560.000.

Nishikata, Goro, to Mitutoyo Mfg. Co., Ltd. Thread construction in length measuring instrument and method for manufacturing thread construction. 4,550,507, 11-5-85, Cl. 33-164.00R.

Nishikawa, Akio: *See—*

Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000.

Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.

Nishikawa, Akira; Saito, Toru; and Otsuka, Kenichi, to Mitsubishi Denki Kabushiki Kaisha. Power switch apparatus. 4,502,132, 2-26-85, Cl. 361-332.000.

Nishikawa, Akira: *See—*

Hamada, Takaaki; Kobayakawa, Yohji; Nishikawa, Akira; and Kawahara, Manabu, 4,546,857, Cl. 186-37.000.

Nishikawa, Eiichiro; Shinya, Masuo; Ueda, Kayako; and Kaneko, Katsumi, to Toa Nenryo Kogyo Kabushiki Kaisha. Process for producing carbonyl compounds. 4,551,556, 11-5-85, Cl. 568-403.000.

Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, to Imanishi Kinzoku Kogyo Kabushiki Kaisha. Kerosene combustion apparatus. 4,515,557, 5-7-85, Cl. 431-302.000.

Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, to Imanishi Kinzoku Kogyo Kabushi Kaisha. Reflection type kerosene stove. 4,556,045, 12-3-85, Cl. 126-96.000.

Nishikawa, Hiroshi; Saruta, Ueki; and Asai, Shin-ichiro, to Denki Kagaku Kogyo Kabushiki Kaisha. Epoxy resin composition for encapsulating semiconductor. 4,529,755, 7-16-85, Cl. 523-436.000.

Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, to Tokyo Electric Co., Ltd. Strain gauge with reduced creep phenomenon by improved insulation layering. 4,511,877, 4-16-85, Cl. 338-2.000.

Nishikawa, Horotaka, to Toyo Seikan Kaisha, Ltd. Redrawing-ironing apparatus. 4,538,441, 9-3-85, Cl. 72-349.000.

Nishikawa, Ikuo, to Kabushiki Kaisha Universal. Device for generating impact sound for slot machine. 4,522,399, 6-11-85, Cl. 273-143.00R.

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Nishikawa, Isamu: *See—*

Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.

Nishikawa, Kaoru: *See—*

Kitamura, Hiroshi; Nishikawa, Kaoru; and Naito, Masamitsu, 4,558,543, Cl. 52-2.000.

Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, to Victor Company of Japan, Ltd. Memory circuit write-in system. 4,561,083, 12-24-85, Cl. 369-59.000.

Nishikawa, Kazunori: *See—*

Masuda, Isao; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Komura, Makoto, 4,509,155, Cl. 369-48.000.

Masuda, Isao; Takahashi, Nobuaki; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Ueno, Shoji, 4,516,163, Cl. 360-32.000.

Nishikawa, Kazuo; Ichino, Hiroyuki; and Okura, Keniti, to Pioneer Electronic Corporation. Phono pickup cartridge. 4,519,063, 5-21-85, Cl. 369-172.000.

Nishikawa, Kiyotada, to Yoshida Kogyo K.K. Method of connecting pull tab with slide fastener slider. 4,512,064, 4-23-85, Cl. 24-429.000.

Nishikawa, Kohei: *See—*

Oka, Yoshikazu; Nishikawa, Kohei; and Miyake, Akio, 4,521,607, Cl. 549-39.000.

Sugihara, Hirosada; Nishikawa, Kohei; and Ito, Katsumi, 4,548,932, Cl. 514-211.000.

Terao, Shinji; and Nishikawa, Kohei, 4,518,602, Cl. 514-332.000.

Nishikawa, Masaji, to Olympus Optical Co., Ltd. Toner cleaning device for electrophotographic copying machine. 4,516,850, 5-14-85, Cl. 355-15.000.

Nishikawa, Masaji, to Olympus Optical Co., Ltd. Apparatus for forming image by developing charge latent image with toner. 4,518,247, 5-21-85, Cl. 355-15.000.

Nishikawa, Masaji, to Olympus Optical Co., Ltd. Apparatus for forming image by developing charge latent image with two component dry developing agent. 4,518,248, 5-21-85, Cl. 355-15.000.

Nishikawa, Masaji; Takagi, Takeji; and Ueki, Masao, to Olympus Optical Co., Ltd. Elastomer member with non-tacky surface treating layer and method of manufacturing same. 4,522,866, 6-11-85, Cl. 428-216.000.

Nishikawa, Masaji, to Olympus Optical Co., Ltd. Optical image projector for projecting an erect positive image of unity magnification and for minimizing degradation in resolution. 4,533,228, 8-6-85, Cl. 355-1.000.

Nishikawa, Masaji, to Olympus Optical Company Ltd. Sheet feed apparatus. 4,548,401, 10-22-85, Cl. 271-265.000.

Nishikawa, Masaji, to Olympus Optical Company Limited. Toner concentration detecting device. 4,550,998, 11-5-85, Cl. 355-3.0DD.

Nishikawa, Masao; and Aoki, Takashi, to Honda Giken Kogyo Kabushiki Kaisha. Intervehicle distance control system for vehicles. 4,491,840, 1-1-85, Cl. 340-903.000.

Nishikawa, Masao; and Aoki, Takashi, to Honda Giken Kogyo Kabushiki Kaisha. Automatic braking system for vehicles. 4,505,351, 3-19-85, Cl. 180-169.000.

Nishikawa, Masao; Hattori, Torao; Aoki, Takashi; and Yoshizawa, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Control mechanism for selective creep of an automatic transmission. 4,513,638, 4-30-85, Cl. 74-866.000.

Nishikawa, Masao; Aoki, Takashi; Sakai, Shinzo; and Yoshizawa, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Control apparatus for a torque convertor clutch. 4,516,671, 5-14-85, Cl. 192-.076.

Nishikawa, Masao; Aoki, Takashi; Sato, Yoichi; and Yoshizawa, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Vibration and noise reduction means for a transmission vehicle. 4,534,236, 8-13-85, Cl. 74-364.000.

Nishikawa, Masao; and Aoki, Takashi, to Honda Giken Kogyo Kabushiki Kaisha. Automatic transmission and direct coupling clutch for vehicle. 4,535,652, 8-20-85, Cl. 74-733.000.

Nishikawa, Masao; and Ashida, Takahiro, to Takatori Machinery Works Ltd. Automatic method and apparatus for packing stockings or the like. 4,543,768, 10-1-85, Cl. 53-117.000.

Nishikawa, Masao; and Sakai, Shinzou, to Honda Giken Kogyo Kabushiki Kaisha. Control device for direct clutch in automatic transmission. 4,548,307, 10-22-85, Cl. 192-0.076.

Nishikawa, Masayasu: *See—*

Kimura, Kenji; and Nishikawa, Masayasu, 4,537,166, Cl. 123-90.360.

Nishikawa, Masumi, to Aisin Seiki Kabushiki Kaisha. Locking mechanism for a telescopic steering wheel. 4,516,440, 5-14-85, Cl. 74-493.000.

Nishikawa, Masumi, to Aisin Seiki Kabushiki Kaisha. Regulating apparatus for a steering shaft. 4,539,861, 9-10-85, Cl. 74-493.000.

Nishikawa, Meisei; Nakamura, Yukio; and Kojima, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. PLL control circuit for recovery of data from audio disk. 4,495,474, 1-22-85, Cl. 331-11.000.

Nishikawa, Meisei; Nagumo, Masahide; and Kojima, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Pulse-width modulation circuit. 4,502,024, 2-26-85, Cl. 332-9.00R.

Nishikawa, Mikio: *See—*

Fujii, Hiroyuki; Tateno, Kenichi; and Nishikawa, Mikio, 4,507,675, Cl. 357-70.000.

Nishikawa, Mineki: *See—*

Yamakawa, Tsutomu; Nishikawa, Mineki; and Kihara, Tomohiko, 4,516,025, Cl. 250-252.100.

Nishikawa, Mitsuyo; and Kurihara, Nobuo, to Hitachi, Ltd. Combustion state diagnostic method. 4,555,800, 11-26-85, Cl. 382-25.000.

Nishikawa, Mitsuyo: *See—*

Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, 4,528,918, Cl. 110-347.000.

Nishikawa, Satoshi: *See—*

Kakinuma, Hiroaki; Yoshida, Mamoru; and Nishikawa, Satoshi, 4,533,564, Cl. 427-39.000.

Nishikawa, Seiichi: *See—*

Motomura, Jiro; Kamiya, Yasuhisa; and Nishikawa, Seiichi, 4,512,449, Cl. 192-3.280.

Numazawa, Akio; Sakai, Ichio; Kumagai, Tadanobu; and Nishikawa, Seiichi, 4,508,522, Cl. 464-11.000.

Nishikawa, Sumio: *See—*

Suzuki, Tamotsu; Nishikawa, Sumio; and Tatsuta, Sumitaka, 4,542,093, Cl. 430-523.000.

Nishikawa, Tadashi: *See—*

Suzuki, Norio; Kajikawa, Hiroshi; and Nishikawa, Tadashi, 4,524,622, Cl. 73-620.000.

Nishikawa, Takayoshi: *See—*

Nojiri, Tadao; Kanamaru, Kenji; Matsuyama, Masahiro; Nishikawa, Takayoshi; and Ito, Yoji, 4,503,528, Cl. 367-198.000.

Nishikawa, Tetuo: *See—*
- Hara, Hiroshi; Tobioka, Takashi; Yoshino, Takeshi; Nishikawa, Tetuo; and Sekine, Jiro, 4,530,582, Cl. 354-203.000.

Nishikawa, Tomoyasu: *See—*
- Itoh, Yasuo; Kato, Hideo; Matsumura, Kugako; Nishikawa, Tomoyasu; Hisano, Akira; Yamada, Takehisa; and Koshinaka, Eiichi, 4,534,980, Cl. 514-570.000.

Nishikawa, Toshio; Kaneko, Tadashi; and Othuka, Kazutoshi, to Mazda Motor Corporation. Multiple cylinder engine having air-fuel ratio control means in accordance with a signal from an exhaust gas sensor. 4,517,947, 5-21-85, Cl. 123-489.000.

Nishikawa, Toshio; Ishikawa, Youhei; and Yorita, Tadahiro, to Murata Manufacturing Co., Ltd. Electrical filter device. 4,546,334, 10-8-85, Cl. 333-206.000.

Nishikawa, Toshio; and Yorita, Tadahiro, to Murata Manufacturing Co., Ltd. Distribution constant filter with suppression of TE11 resonance mode. 4,559,508, 12-17-85, Cl. 333-202.000.

Nishikawa, Toshio: *See—*
- Nagao, Akihito; Takahashi, Kouichi; Masuda, Shunji; Fujimoto, Misao; and Nishikawa, Toshio, 4,552,112, Cl. 123-432.000.
- Tamura, Sadahiro; and Nishikawa, Toshio, 4,528,655, Cl. 369-126.000.

Nishikawa, Tsutomu: *See—*
- Kasahara, Toshikazu; and Nishikawa, Tsutomu, 4,550,145, Cl. 525-267.000.

Nishikawa, Yasuhisa: *See—*
- Tanaka, Yoshio; Nishikawa, Yasuhisa; Hasumi, Ryoichi; and Koizumi, Takashi, 4,532,818, Cl. 74-10.330.

Nishikawa, Yasuo: *See—*
- Yamamoto, Nobuyuki; Nishikawa, Yasuo; Naruo, Kyoichi; and Okita, Tsutomu, 4,520,070, Cl. 428-336.000.
- Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, 4,557,948, Cl. 427-131.000.

Nishikawa, Yoshihiro: *See—*
- Inoue, Sukejiro; Hasegawa, Tetsuo; and Nishikawa, Yoshihiro, 4,517,273, Cl. 430-111.000.

Nishikawa, Yoshikazu, to Toho-Polymer Kabushika Kaisha. Keyboard key with embedded top character. 4,500,218, 2-19-85, Cl. 400-490.000.

Nishikawa, Yoshinori; and Takahashi, Iwashige, to Kabushiki Kaisha Komatsu Seisakusho. Misfeed monitoring apparatus for transfer press. 4,525,706, 6-25-85, Cl. 340-679.000.

Nishikawa, Yukiyasu: *See—*
- Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-211.000.

Nishikido, Kaoru: *See—*
- Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.

Nishikimi, Tadashi: *See—*
- Hashiba, Isao; Nishikimi, Tadashi; and Tsuchiya, Shuji, 4,537,984, Cl. 560-061.000.

Nishikiori, Kenji; and Ozawa, Naomitsu, to Ebara Corporation. Automatic operating system for pump driven by internal combustion engine. 4,545,740, 10-8-85, Cl. 417-317.000.

Nishikori, Tsutomu: *See—*
- Otani, Toshiaki; Chihara, Takeshi; and Nishikori, Tsutomu, 4,533,027, Cl. 192-8.00C.

Nishikubo, Yasuhiko; Fujikawa, Toyoharu; and Tanaka, Tsutomu, to Citizen Watch Co., Ltd. Temperature detector. 4,549,818, 10-29-85, Cl. 374-178.000.

Nishimaki, Takashi: *See—*
- Nishiike, Naritoshi; Nishimaki, Takashi; Miura, Yasushi; and Kumamura, Masaaki, 4,555,228, Cl. 425-185.000.

Nishimatsu, Masaharu; Ide, Toshiaki; Arioka, Hiroyuki; and Kubota, Yuichi, to TDK Corporation. Magnetic recording medium. 4,547,419, 10-15-85, Cl. 428-212.000.

Nishimatsu, Masaharu; Kubota, Yuichi; Tamazaki, Kazunori; and Shimada, Shigeru, to TDK Corporation. Magnetic recording medium. 4,560,617, 12-24-85, Cl. 428-423.100.

Nishimatsu, Masaharu: *See—*
- Kohmoto, Osamu; Takasugi, Yasufumi; Sugihara, Hiroshi; and Nishimatsu, Masaharu, 4,537,832, Cl. 428-216.000.
- Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.
- Kubota, Yuichi; Nishimatsu, Masaharu; and Shimada, Shigeru, 4,559,265, Cl. 428-336.000.
- Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu 4,526,837, Cl. 428-425.900.

Nishimatsu, Shigeru: *See—*
- Ninomiya, Ken; Suzuki, Keizo; and Nishimatsu, Shigeru, 4,522,674, Cl. 156-345.000.
- Ninomiya, Ken; Nishimatsu, Shigeru; Suzuki, Keizo; Okudaira, Sadayuki; and Ogawa, Yoshifumi, 4,559,100, Cl. 156-345.000.

Nishimiya, Ryuji; Tuchiya, Yoshimasa; and Chikaraishi, Takayo, to Nissan Motor Company, Limited; and Nissan Shatai Company, Limited. Sealing structure for an automotive vehicle with a sliding door. 4,541,201, 9-17-85, Cl. 49-221.000.

Nishimori, Eiji; Tsuchiya, Chikara; and Sano, Yoshiaki, to Fujitsu Limited. Field effect transistor gate circuit for analog signals. 4,551,644, 11-5-85, Cl. 307-573.000.

Nishimori, Sinji, to Ebara Corporation. Strainer for submergible pump. 4,560,476, 12-24-85, Cl. 210-416.100.

Nishimoto, Hiroshi: *See—*
- Minami, Takatoshi; and Nishimoto, Hiroshi, 4,495,410, Cl. 250-214.0AG.

Nishimoto, Ikuo, to Honeywell Inc. Alternating polarity power supply control apparatus. 4,500,797, 2-19-85, Cl. 307-296.00R.

Nishimoto, Kazuo: *See—*
- Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
- Yamamoto, Tsutomu; Ashizawa, Masaaki; Nishimoto, Kazuo; and Sekiguchi, Yuji, 4,508,777, Cl. 428-280.000.

Nishimoto, Masato, to Fuji Xerox Co., Ltd. Data retransmitting system. 4,549,297, 10-22-85, Cl. 371-33.000.

Nishimoto, Shinichi: *See—*
- Ota, Sadayasu; and Nishimoto, Shinichi, 4,503,853, Cl. 128-303.100.

Nishimoto, Tetsuo, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument capable of varying a tone synthesis operation algorithm. 4,554,857, 11-26-85, Cl. 84-1.190.

Nishimoto, Yoshiharu: *See—*
- Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, 4,495,249, Cl. 428-516.000.
- Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, 4,547,433, Cl. 428-516.000.

Nishimu Electronics Industries, Co., Ltd.: *See—*
- Harada, Kosuke; Murata, Katsuaki; and Nakamizo, Takazi, 4,556,802, Cl. 307-66.000.

Nishimura, Akihiro: *See—*
- Suzuki, Yasunobu; Chiba, Seiichi; and Nishimura, Akihiro, 4,526,646, Cl. 156-361.000.

Nishimura, Akimasa: *See—*
- Takayama, Makoto; Muramoto, Tomotaka; and Nishimura, Akimasa, 4,499,487, Cl. 358-41.000.

Nishimura, Akira: *See—*
- Nakata, Shuji; Kawaguchi, Yoshio; and Nishimura, Akira, 4,521,665, Cl. 219-117.100.

Nishimura, Atsushi: *See—*
- Leistner, William E.; Minagawa, Motonobu; Nakahara, Yutaka; Haruna, Tohru; and Nishimura, Atsushi, 4,529,760, Cl. 524-102.000.

Nishimura, Dwight G., to Leland Stanford Junior University, The Board of Trustees of the. Multiple measurement noise reducing system using artifact edge identification and selective signal processing. 4,499,493, 2-12-85, Cl. 358-111.000.

Nishimura, Dwight G., to Leland Stanford Junior University, The Board of Trustees of the. Multiple measurement noise reducing system using space-variant filters. 4,503,461, 3-5-85, Cl. 358-111.000.

Nishimura, Fuminobu, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus with pretransfer discharger. 4,560,268, 12-24-85, Cl. 355-3.00R.

Nishimura, Hidetaro: *See—*
- Shiozaki, Masakazu; and Nisnimura, Hidetaro, 4,532,401, Cl. 219-121.0LH.

Nishimura, Hiroaki; and Suzuki, Yutaka, to Nissan Motor Company, Limited. Tire pressure sensor and sensing system. 4,529,961, 7-16-85, Cl. 340-58.000.

Nishimura, Hirofumi; Oda, Hiroyuki; Kaneko, Tadashi; Takai, Akira; and Takeuchi, Nobuo, to Mazda Motor Corporation. Engine speed detecting system for multiple-displacement engine. 4,522,179, 6-11-85, Cl. 123-481.000.

Nishimura, Hirofumi, to Mazda Motor Corporation; and Mitsubishi Denki Kabushiki Kaisha. Automobile fuel control system. 4,530,333, 7-23-85, Cl. 123-489.000.

Nishimura, Hiromi: *See—*
- Ishigami, Yoshihisa; Hashimota, Yasumasa; Kitado, Tadaharu; Nishimura, Hiromi; and Mori, Tetsuo, 4,513,339, Cl. 361-45.000.

Nishimura, Hiroyuki: *See—*
- Fujii, Isao; Nishimura, Hiroyuki; and Kato, Masaaki, 4,491,104, Cl. 123-291.000.
- Morishita, Muneki; Nishimura, Hiroyuki; and Matsusaka, Hiroji, 4,549,661, Cl. 209-534.000.

Nishimura, Katsuji, to Sharp Kabushiki Kaisha. Cash accounting system. 4,495,627, 1-22-85, Cl. 377-6.000.

Nishimura, Katsuji; and Yamamoto, Hachizou, to Sharp Kabushiki Kaisha. Cash accounting system having data compiling capability. 4,524,267, 6-18-85, Cl. 235-379.000.

Nishimura, Katsuji; and Yamamoto, Hachizou, to Sharp Kabushiki Kaisha. Cash accounting system. 4,532,417, 7-30-85, Cl. 235-379.000.

Nishimura, Katsuji, to Sharp Kabushiki Kaisha. Cash accounting system. 4,532,641, 7-30-85, Cl. 377-14.000.

Nishimura, Katsuji: *See—*
- Horigome, Koichi; Okada, Seizo; Nishimura, Katsuji; and Yamamoto, Hachizou, 4,509,136, Cl. 364-900.000.

Nishimura, Katsuo: *See—*
- Osaka, Takatoshi; Nishimura, Katsuo; and Nakagiri, Tadahiko, 4,517,953, Cl. 124-17.000.

Nishimura, Keizo: *See—*
- Hoshino, Takashi; Arai, Takao; and Nishimura, Keizo, 4,539,605, Cl. 360-32.000.
- Nishida, Masami; Nishimura, Keizo; Arai, Takao; and Amada, Nobutaka, 4,541,091, Cl. 371-39.000.

Nishimura, Masanori: *See—*
- Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.

Nishimura, Masao; Mori, Masami; and Yoshimi, Akirou, to Nippondenso Co., Ltd. Zone air-conditioning control system for motor vehicle compartment. 4,537,245, 8-27-85, Cl. 165-22.000.

Nishimura, Nobuichi, to Kabushiki Kaisha Toshiba. Heat cooking apparatus with temperature operating system. 4,551,601, 11-5-85, Cl. 219-10.55B.

Nishimura, Nobuo; Itami, Teruhiko; Kimoto, Toshifumi; Tomiyama, Shunsuke; and Saitoh, Koichi, to Xerox Corporation. Magnetic recording head. 4,525,723, 6-25-85, Cl. 346-74.400.

Nishimura, Nobuo, to Fuji Xerox Co., Ltd. Optical data recordation and reproduction system. 4,525,822, 6-25-85, Cl. 369-44.000.

Nishimura, Nobuo: *See*—

Kimoto, Toshifumi; Itami, Teruhiko; Nishimura, Nobuo; and Saitoh, Koichi, 4,520,409, Cl. 360-59.000.

Nishimura, Ryuji: *See*—

Imaide, Takuya; Masuda, Michio; Okuda, Akihide; and Nishimura, Ryuji, 4,556,911, Cl. 358-212.000.

Nishimura, Sadanori; and Kinoshita, Katsuharu, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for supplying hydraulic fluid to an hydraulic clutch. 4,541,515, 9-17-85, Cl. 192-85.0AA.

Nishimura, Sanji: *See*—

Watanabe, Morio; and Nishimura, Sanji, 4,497,655, Cl. 75-34.000.

Nishimura, Satoru: *See*—

Igarashi, Michiaki; Inui, Takayasu; Otsuka, Kazuo; Nogami, Saburo; and Nishimura, Satoru, 4,507,057, Cl. 417-216.000.

Nishimura, Satoshi: *See*—

Hayakawa, Masanori; and Nishimura, Satoshi, 4,512,906, Cl. 252-62.630.

Hayakawa, Masanori; Yamada, Noriaki; Kawamoto, Hiromi; and Nishimura, Satoshi, 4,551,260, Cl. 252-62.590.

Nishimura, Seiya: *See*—

Tomita, Osamu; Murase, Yoshihiko; and Nishimura, Seiya, 4,545,580, Cl. 273-167.00R.

Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, to Showa Denko Kabushiki Kaisha; and Hitachi, Ltd. Secondary battery. 4,559,284, 12-17-85, Cl. 429-213.000.

Nishimura, Shigeoki: *See*—

Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, 4,518,665, Cl. 429-153.000.

Nishimura, Shinichi; Akiyama, Yoshinori; and Kanazawa, Yuzo, to Nissan Motor Company, Limited; and Ikeda Bussan Co., Ltd. Adjustable seat structure for a motor vehicle. 4,497,518, 2-5-85, Cl. 297-341.000.

Nishimura, Shinichi; Mizuno, Saburo; and Miyamoto, Kiyoshi, to Nissan Motor Company, Limited; and Ohio Seisakusho Co., Ltd. Seat sliding device. 4,515,404, 5-7-85, Cl. 296-65.00R.

Nishimura, Shinichi: *See*—

Akiyama, Yoshinori; Nishimura, Shinichi; and Harigaya, Isamu, 4,516,811, Cl. 308-3.00R.

Nishimura, Shinji, to Mitsubishi Denki Kabushiki Kaisha. Pump device. 4,557,678, 12-10-85, Cl. 418-180.000.

Nishimura, Shuichi: *See*—

Ito, Masafumi; Nishimura, Shuichi; and Hara, Yoichi, 4,545,331, Cl. 123-26.000.

Nishimura, Syozi: *See*—

Tsukamoto, Takashi; Sudo, Chuzo; Aihara, Kenji; and Nishimura, Syozi, 4,525,598, Cl. 174-128.00R.

Nishimura, Tadafumi: *See*—

Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro, 4,498,170, Cl. 370-110.100.

Nishimura, Tadahiko: *See*—

Matsunaga, Fujihisa; Nishimura, Tadahiko; Miyake, Etsuo; and Banba, Kiyotaka, 4,517,387, Cl. 568-728.000.

Nishimura, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Method of forming field-effect transistors using selectively beam-crystallized polysilicon channel regions. 4,514,895, 5-7-85, Cl. 29-571.000.

Nishimura, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Method for fabricating monocrystalline semiconductor layer on insulating layer by laser crystallization using a grid of anti-reflection coating disposed on poly/amorphous semiconductor. 4,523,962, 6-18-85, Cl. 148-1.500.

Nishimura, Takahiro, to Allied Corporation. Apparatus for rapid changing of nozzles. 4,526,304, 7-2-85, Cl. 222-607.000.

Nishimura, Takeo: *See*—

Katabe, Kenichi; and Nishimura, Takeo, 4,515,852, Cl. 428-246.000.

Watanabe, Shotaro; Tomono, Makoto; Yamakawa, Goichi; Nishimura, Takeo; and Takahashi, Nobuo, 4,518,674, Cl. 430-108.000.

Nishimura, Takumi: *See*—

Fujii, Takashi; Ando, Masamoto; and Nishimura, Takumi, 4,552,413, Cl. 303-106.000.

Nishimura, Tomoaki: *See*—

Hamajima, Shigemitsu; Nishimura, Tomoaki; Sakakibara, Naoji; and Kawata, Shoji, 4,499,542, Cl. 364-424.100.

Nishimura, Tomohiro: *See*—

Kaifu, Masaharu; Takigawa, Jun; Fujimoto, Hideo; Nishimura, Tomohiro; and Takemoto, Masao, 4,560,625, Cl. 428-654.000.

Nishimura, Toshiaki, to Sumitomo Durez Company, Ltd. Refractory material. 4,539,343, 9-3-85, Cl. 523-145.000.

Nishimura, Toshiaki; and Kurokawa, Masahiro, to Mitsubishi Gas Chemical Company, Inc. Process for stabilizing methyleneimine compound and stabilized methyleneimine composition. 4,559,408, 12-17-85, Cl. 564-2.000.

Nishimura, Toshihiro: *See*—

Washo, Junichi; Miyazaki, Takaaki; Ishii, Mitsuo; Nakayama, Muneo; Hashimoto, Akira; and Nishimura, Toshihiro, 4,527,865, Cl. 350-357.000.

Nishimura, Toshio; and Morita, Akitaka, to Sharp Kabushiki Kaisha. Combined electronic calculator and electronic alarm timepiece. 4,523,858, 6-18-85, Cl. 368-272.000.

Nishimura, Toyohiko; Uchida, Naomi; and Hiratani, Hajime, to Japan Chemical Research Co., Ltd. Method of producing human epidermal growth factor. 4,528,186, 7-9-85, Cl. 424-99.000.

Nishimura, Tsugio, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for the inspection of electrodeposited electrically insulating coatings. 4,558,273, 12-10-85, Cl. 324-54.000.

Nishimura, Yasushi: *See*—

Nagai, Hirosi; and Nishimura, Yasushi, 4,548,959, Cl. 523-115.000.

Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, to Babcock-Hitachi Kabushiki Kaisha. Process for producing acetaldehyde. 4,521,631, 6-4-85, Cl. 568-478.000.

Nishimura, Yoshichika: *See*—

Hori, Yuji; Nishimura, Yoshichika; and Takahashi, Fuminobu, 4,519,923, Cl. 252-8.50C.

Nishimura, Yoshio: *See*—

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.

Nishimura, Yoshiro: *See*—

Matsumoto, Jun-ichi; Nishimura, Yoshiro; and Nakamura, Shinichi, 4,497,816, Cl. 514-300.000.

Nishimura, Youji: *See*—

Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Nishimura, Youji; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,558,992, Cl. 417-250.000.

Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, to Kabushiki Kaisha Tokai Rika Denki Seisakusho; and Nippon Soken, Inc. Webbing tension device. 4,546,934, 10-15-85, Cl. 242-107.000.

Nishimura, Yuji: *See*—

Kanada, Shigeyasu; Mizuno, Shigeo; Nakano, Yoshio; and Nishimura, Yuji, 4,546,933, Cl. 242-107.000.

Kawaguchi, Teruhiko; Nishimura, Yuji; and Fujiwara, Akinori, 4,538,774, Cl. 242-107.000.

Nishimura, Yukuo, to Canon Kabushiki Kaisha. Display element. 4,536,061, 8-20-85, Cl. 350-354.000.

Nishimura, Yutaka; Kuroiwa, Hiroshi; Oyama, Yoshishige; and Teranishi, Takao, to Hitachi, Ltd. Fuel feeding apparatus for internal combustion engine. 4,558,678, 12-17-85, Cl. 123-494.000.

Nishimura, Yutaka: *See*—

Abe, Yoshiaki; Nishimura, Yutaka; and Sugimoto, Hitoshi, 4,516,543, Cl. 123-179.00H.

Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.

Sato, Kanemasa; Ueno, Sadayasu; Oyama, Yoshishige; and Nishimura, Yutaka, 4,527,423, Cl. 73-118.000.

Nishimuro, Yoshiaki: *See*—

Fushimoto, Hideo; Toyomura, Shigeru; Nishimuro, Yoshiaki; Asakura, Osamu; and Rachi, Masahiro, 4,517,660, Cl. 364-708.000.

Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, 4,535,416, Cl. 364-715.000.

Nishina, Shingo; Takahashi, Seigo; and Ohtani, Shigeru, to Mitutoyo Mfg. Co., Ltd. Displacement measuring device. 4,492,034, 1-8-85, Cl. 33-170.000.

Nishina, Shingo, to Mitutoyo Mfg. Co., Ltd. Dimension measuring instrument. 4,505,042, 3-19-85, Cl. 33-172.00E.

Nishina, Shuho: *See*—

Kawaguchi, Hiroshi; and Nishina, Shuho, 4,519,270, Cl. 74-535.000.

Nishina, Takashi: *See*—

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.

Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; and Shirakawa, Isao, 4,539,150, Cl. 260-239.30B.

Nishinaka, Hiroki: *See*—

Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.

Nishino, Atsushi; Ikeda, Masaki; Kimura, Kunio; and Oyabu, Hajime, to Masushita Electric Industrial Co., Ltd. Low melting enamel frits. 4,493,900, 1-15-85, Cl. 501-26.000.

Nishino, Atsushi; Kimura, Kunio; Sonetaka, Kazunori; and Iketani, Yukiyoshi, to Matsushita Electric Industrial Co., Ltd. Carbonaceous solid fuel. 4,519,807, 5-28-85, Cl. 44-15.00R.

Nishino, Atsushi; Yoshida, Akihiko; and Tanahashi, Ichiroh, to Matsushita Electric Industrial Co., Ltd. Electric double layer capacitor. 4,562,511, 12-31-85, Cl. 361-324.000.

- Nishino, Atsushi: *See—*
  - Sonetaka, Kazunori; Nishino, Atsushi; and Suzuki, Tadashi, 4,518,347, Cl. 431-325.000.
- Nishino, Chikae: *See—*
  - Sugimori, Fumio; Nishino, Chikae; and Harao, Norio, 4,516,715, Cl. 228-203.000.
- Nishino, Fumio: *See—*
  - Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, 4,551,000, Cl. 355-3.00R.
- Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, to Takeda Chemical Industries, Ltd. Process for removal of mercury vapor and adsorbent therefor. 4,500,327, 2-19-85, Cl. 55-72.000.
- Nishino, Hiroshi; and Aibe, Toshio, to Takeda Chemical Industries, Ltd. Method for removal of poisonous gases. 4,532,115, 7-30-85, Cl. 423-210.000.
- Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, to Takeda Chemical Industries, Ltd. Process for treatment of gases. 4,556,547, 12-3-85, Cl. 423-230.000.
- Nishino, Masakazu; and Fujisaki, Hisashi, to Nippon Telegraph & Telephone Public Corporation; and Nippon Electric Co., Ltd. Loud-speaking telephone system. 4,513,177, 4-23-85, Cl. 179-81.00B.
- Nishino, Masaki: *See—*
  - Yasuhara, Yutaka; Nishino, Masaki; and Matsuhisa, Seikichi, 4,508,918, Cl. 560-241.000.
- Nishino, Taizou: *See—*
  - Yamanaka, Junichi; and Nishino, Taizou, 4,506,287, Cl. 358-21.00R.
- Nishino, Takaichi, to Tachikawa Spring Co., Ltd. Slide adjustment apparatus. 4,520,982, 6-4-85, Cl. 248-430.000.
- Nishino, Takaichi, to Tachikawa Spring Co., Ltd. Vehicle seat head-rest. 4,549,766, 10-29-85, Cl. 297-396.000.
- Nishino, Takaichi: *See—*
  - Sakurada, Kenichi; and Nishino, Takaichi, 4,536,030, Cl. 297-284.000.
- Nishino, Taneharu: *See—*
  - Kishikawa, Kanichi; Nishino, Taneharu; and Nagasoe, Seiichi, 4,503,699, Cl. 72-222.000.
  - Kishikawa, Kanichi; and Nishino, Taneharu, 4,503,700, Cl. 72-225.000.
- Nishino, Yoshinori: *See—*
  - Yamamoto, Masahiko; Nishino, Yoshinori; Komura, Akio; and Ebisu, Tomio, 4,518,556, Cl. 264-295.000.
- Nishio, Etsuro; and Okura, Zenichi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Rotation control mechanism for diaphram-operating ring in interchangeable objective for photographic camera. 4,505,564, 3-19-85, Cl. 354-270.000.
- Nishio, Hisaharu: *See—*
  - Ebizawa, Akio; and Nishio, Hisaharu, 4,507,192, Cl. 204-428.000.
- Nishio, Katsufumi: *See—*
  - Funagura, Shuichi; and Nishio, Katsufumi, 4,516,733, Cl. 241-79.000.
- Nishio, Kazuaki: *See—*
  - Nakano, Tsunetomo; Yasuno, Hiroshi; and Nishio, Kazuaki, 4,558,117, Cl. 528-184.000.
- Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, to Kumiai Kagaku Kogyo Kabushiki Kaisha; and Toyo Jozo Kabushiki Kaisha. 2,3,-di-substituted-5,6-dihydroimidazo [2,1-b] thiazole, its salts, production thereof and anti-inflammatory agent containing the same. 4,556,669, 12-3-85, Cl. 514-368.000.
- Nishio, Ken-ichi: *See—*
  - Okamoto, Hideho; Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,515,866, Cl. 428-614.000.
  - Okamoto, Hideho; and Nishio, Ken-ichi, 4,544,610, Cl. 428-611.000.
  - Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,526,841, Cl. 428-614.000.
  - Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,547,435, Cl. 428-614.000.
- Nishio, Kenichi: *See—*
  - Sugiyama, Masahiko; and Nishio, Kenichi, 4,506,593, Cl. 92-212.000.
- Nishio, Kohsaku: *See—*
  - Ohno, Yoshio; Koyama, Katsuhiko; and Nishio, Kohsaku, 4,544,247, Cl. 352-62.000.
- Nishio, Shigeru, to Aisin Seiki Kabushiki Kaisha. Air control for a lumbar support device. 4,498,494, 2-12-85, Cl. 137-514.000.
- Nishio, Shigeru: *See—*
  - Gomi, Koichi; and Nishio, Shigeru. 4,540,153, Cl. 251-11.000.
- Nishio, Tadashi, to Starting Industry Company Limited; and Nissin Kogyo Co., Ltd. Control lever assembly for lawn mowers. 4,503,958, 3-12-85, Cl. 192-12.00R.
- Nishio, Tadashi, to Olympus Optical Co., Ltd. Sheet feeder for copying machines. 4,508,332, 4-2-85, Cl. 271-118.000.
- Nishio, Tadashi: *See—*
  - Kasuga, Muneo; Shimizu, Akira; and Nishio, Tadashi, 4,500,199, Cl. 355-14.0CU.
  - Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,514,112, Cl. 405-269.000.
  - Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,545,702, Cl. 405-269.000.
- Nishio, Takashi: *See—*
  - Mashimo, Tohru; Nishio, Takashi; and Satoh, Osamu, 4,501,199, Cl. 102-313.000.
- Nishio, Toyokazu: *See—*
  - Miki, Shinji; Nishio, Toyokazu; Matsuyama, Shinzo; and Yamazaki, Shinichi, 4,523,874, Cl. 405-43.000.
- Nishioka, Akira; Aotani, Yoshimasa; and Yamasue, Kotaro, to Fuji Photo Film Co., Ltd. Light-sensitive o-quinonediazide printing plate with oxonol dye. 4,497,888, 2-5-85, Cl. 430-165.000.
- Nishioka, Akira; Kawanabe, Yoshihiro; Takahori, Hiroyuki; and Fujimoto, Hideki, to Pioneer Electronic Corporation. Voltage/current conversion circuit. 4,539,491, 9-3-85, Cl. 307-297.000.
- Nishioka, Akira: *See—*
  - Takahashi, Hiroshi; Nishioka, Akira; Tokunaga, Fumihiro; Aotani, Yoshimasa; and Aono, Koichiro, 4,542,085, Cl. 430-158.000.
- Nishioka, Itsuo: *See—*
  - Kooda, Akihide; Nishioka, Itsuo; Nishiyori, Takeshi; and Yahara, Shoji, 4,537,996, Cl. 568-442.000.
- Nishioka, Kimihiko, to Olympus Optical Co., Ltd. Finder optical system. 4,492,440, 1-8-85, Cl. 350-445.000.
- Nishioka, Kimihiko, to Olympus Optical Co., Ltd. Diopter adjustable eyepiece used for view-finders of single-lens reflex cameras or the like. 4,509,831, 4-9-85, Cl. 350-410.000.
- Nishioka, Kimihiko, to Olympus Optical Co., Ltd. Adapter lens system for use with photographic cameras. 4,522,471, 6-11-85, Cl. 350-449.000.
- Nishioka, Kimihiko; and Yabe, Hisao, to Olympus Optical Co., Ltd. Illuminating system for endoscopes. 4,529,267, 7-16-85, Cl. 350-96.260.
- Nishioka, Nobuaki; Makio, Tatsumi; and Ito, Katsutsune, to Minolta Camera Kabushiki Kaisha. Electrostatic recording apparatus. 4,524,370, 6-18-85, Cl. 346-155.000.
- Nishioka, Takeshi; Nakamura, Akira; and Yabe, Kenji, to Toray Industries, Inc. Flame-retardant polyolefin foam. 4,542,164, 9-17-85, Cl. 521-135.000.
- Nishioka, Takeshi: *See—*
  - Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, 4,497,865, Cl. 428-336.000.
  - Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, 4,546,030, Cl. 428-220.000.
- Nishioka, Yoshiki: *See—*
  - Hakaridani, Mitsuhiro; Iwahashi, Hiroyuki; and Nishioka, Yoshiki, 4,516,215, Cl. 364-513.500.
- Nishioka, Youiti: *See—*
  - Katsuki, Kosuke; Nishioka, Youiti; and Nomura, Susumu, 4,521,931, Cl. 8-149.200.
- Nishisaka, Tsuyoshi: *See—*
  - Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.
- Nishisako, Shizutaka: *See—*
  - Mori, Teijiro; Wada, Yuichi; Nishisako, Shizutaka; Tazawa, Hiroaki; and Masuda, Shigeru, 4,539,451, Cl. 200-147.00R.
- Nishita, Kazuko D.: *See—*
  - Bean, Maura M.; Nishita, Kazuko D.; and Hoops, Elizabeth A., 4,508,736, Cl. 426-19.000.
- Nishitani, Kazuo, to Mitsubishi Denki Kabushiki Kaisha. Monolithic infrared ray charge transfer element. 4,553,152, 11-12-85, Cl. 357-24.000.
- Nishitani, Kimio: *See—*
  - Imoda, Kinichiro; Kawai, Toshinori; and Nishitani, Kimio, 4,513,921, Cl. 242-36.000.
- Nishitani, Takao: *See—*
  - Aiko, Shinichi; Maruta, Rikio; and Nishitani, Takao, 4,554,670, Cl. 375-30.000.
- Nishitani, Yasuhiro: *See—*
  - Nagata, Wataru; Nishitani, Yasuhiro; and Sato, Hisao, 4,508,909, Cl. 548-251.000.
  - Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, 4,529,721, Cl. 514-191.000.
  - Tokuyama, Kanji; Nishitani, Yasuhiro; Tanaka, Mamoru; and Nagata, Wataru, 4,511,738, Cl. 568-14.000.
- Nishitani, Yoshihisa; Nakano, Masateru; and Yamamoto, Yoshihito, to Mitsubishi Denki Kabushiki Kaisha. Magnetic video recording apparatus for intermittent recording. 4,562,493, 12-31-85, Cl. 360-74.100.
- Nishitoba, Shigeo; and Fukaya, Hirokazu, to Nippon Electric Co., Ltd. Pulse width control circuit. 4,509,494, 4-9-85, Cl. 123-609.000.
- Nishiuchi, Kihachiro: *See—*
  - Morimoto, Takuo; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,496,469, Cl. 252-62.000.
  - Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,542,067, Cl. 428-237.000.
- Nishiuchi, Toshio, to Dai-Ichi Seiko Co., Ltd. Zero-reset type counter. 4,499,370, 2-12-85, Cl. 235-144.0HC.
- Nishiumi, Kenji: *See—*
  - Akagawa, Masaki; Onda, Hideaki; Kobayashi, Osamu; and Nishiumi, Kenji, 4,556,139, Cl. 194-4.00C.
- Nishiura, Junji, to Takeda Riken Co., Ltd. Counter-address memory for multi-channel timing signals. 4,553,100, 11-12-85, Cl. 328-63.000.
- Nishiura, Masaharu: *See—*
  - Fujisawa, Hakubun; Nishiura, Masaharu; Haruki, Hiromu; and Uchida, Yoshiyuki, 4,555,636, Cl. 250-578.000.
- Nishiura, Tadaki: *See—*
  - Hironaga, Katsuji; and Nishiura, Tadaki, 4,516,432, Cl. 73-861.040.
- Nishiura, Yozo: *See—*
  - Okamoto, Kenji; Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Nishiura, Yozo, 4,517,280, Cl. 430-321.000.
- Nishiwaki, Akira: *See—*
  - Moriguchi, Hiroyuki; Matsumoto, Masanori; Nishiwaki, Akira; Morohoshi, Yasuo; and Nomori, Hiroyuki, 4,551,303, Cl. 420-590.000.

- Nishiwaki, Kenichiro; Sakai, Tomio; and Ohkubo, Takashi, to Denki Kagaku Kogyo Kabushiki Kaisha. Elastomer of acrylic ester type copolymer. 4,508,885, 4-2-85, Cl. 526-318.000.
- Nishiwaki, Kenichiro: *See—*
  - Takahashi, Kohki; Kondoh, Takeo; Koga, Masao; and Nishiwaki, Kenichiro, 4,517,348, Cl. 526-273.000.
- Nishiwaki, Muneo, to Mitsubishi Denki Kabushiki Kaisha. Speed control apparatus for A.C. elevator car drive motor. 4,491,197, 1-1-85, Cl. 187-29.00R.
- Nishiwaki, Shunro: *See—*
  - Yamanaka, Koichi; Gotoh, Tetsuro; Aoki, Masanori; Kataoka, Isao; and Nishiwaki, Shunro, 4,517,091, Cl. 210-512.100.
- Nishiwaki, Tsutomu: *See—*
  - Matsushita, Yoshikazu; Takei, Masaki; Yonekubo, Masatoshi; and Nishiwaki, Tsutomu, 4,556,891, Cl. 346-76.0PH.
- Nishiwaki, Yoshikazu, to Sumitomo Electric Industries, Ltd. Optical system. 4,508,420, 4-2-85, Cl. 350-3.600.
- Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Okamoto, Kenji, to Sumitomo Electric Industries, Ltd. Method of forming diffraction gratings and optical branching filter elements produced thereby. 4,560,249, 12-24-85, Cl. 350-162.170.
- Nishiwaki, Yoshikazu: *See—*
  - Okamoto, Kenji; Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Nishiura, Yozo, 4,517,280, Cl. 430-321.000.
  - Yoshida, Kenichi; Yokohara, Takashi; Ono, Kimizo; Nishiwaki, Yoshikazu; and Tsuno, Koichi, 4,547,072, Cl. 356-350.000.
- Nishiyama, Enju: *See—*
  - Fujii, Masao; and Nishiyama, Enju, 4,500,612, Cl. 429-26.000.
- Nishiyama, Haruo, to Sharp Kabushiki Kaisha. Size detecting device of a copy document suitable for electrophotographic copying machine. 4,511,246, 4-16-85, Cl. 355-75.000.
- Nishiyama, Haruo, to Sharp Kabushiki Kaisha. Opening detecting device of a copy document cover suitable for electrophotographic copying machine. 4,540,269, 9-10-85, Cl. 355-3.00R.
- Nishiyama, Hiroshi: *See—*
  - Nakamura, Takeshi; Nishiyama, Hiroshi; Matsuda, Satoshi; and Matsumoto, Ikuo, 4,511,821, Cl. 310-354.000.
- Nishiyama, Kunio: *See—*
  - Yamawaki, Takeshi; and Nishiyama, Kunio, 4,493,505, Cl. 296-63.000.
- Nishiyama, Masao; Katada, Keiichiro; and Akimoto, Yoshiteru, to UBE Industries, Ltd. Reaction injection molding method. 4,524,044, 6-18-85, Cl. 264-328.600.
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  - Sasaki, Hiroaki; Nishiyama, Noboru; and Kamada, Akio, 4,546,230, Cl. 219-121.0LD.
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  - Kawamura, Yasuo; Nishiyama, Tadashi; Itoh, Tomiyoshi; and Sakai, Takuo, 4,521,406, Cl. 424-94.000.
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  - Honda, Yasuhiro; Ueno, Katumi; Nishizaki, Genichi; Kitahara, Harumi; and Kamioka, Hiroshi, 4,503,606, Cl. 29-701.000.
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  - Kubo, Akira; Ishii, Akihiko; Nishizaki, Ken; and Saito, Tomoharu, 4,499,225, Cl. 524-276.000.
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  - Watanabe, Satoshi; Wakasawa, Toru; Hirano, Hirofumi; and Nishizawa, Hiroshi, 4,494,885, Cl. 400-145.200.
- Nishizawa, Hisako, heir: *See—*
  - Nishizawa, Yoshito, deceased; and Kanaoka, Matao, 4,552,975, Cl. 560-163.000.
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  - Ito, Osamu; Yamasaki, Harumasa; Minakata, Itsuo; and Nishizawa, Kazunori, 4,524,577, Cl. 57-200.000.
- Nishizawa, Kazuo: *See—*
  - Hiyama, Torao; and Nishizawa, Kazuo, 4,538,132, Cl. 336-221.000.
- Nishizawa, Kazutoshi; Takagi, Masashi; and Nishi, Yasuyuki, to Nippondenso Co., Ltd. Variable capacity compressor. 4,547,133, 10-15-85, Cl. 417-270.000.
- Nishizawa, Kesaji: *See—*
  - Matsuda, Shunsuke; Mitani, Katsuaki; Yoda, Hironori; and Nishizawa, Kesaji, 4,519,763, Cl. 425-192.00R.
- Nishizawa, Masahiro: *See—*
  - Fujimura, Takashi; and Nishizawa, Masahiro, 4,524,306, Cl. 315-326.000.
  - Fujimura, Takashi; Takahashi, Katsuyu; and Nishizawa, Masahiro, 4,535,234, Cl. 250-238.000.
- Nishizawa, Rinzo: *See—*
  - Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,529,549, Cl. 260-404.500.
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  - Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, 4,543,610, Cl. 358-213.000.
  - Sato, Kazuhiro; Izumita, Morishi; Takahashi, Kenji; Akiyama, Toshiyuki; and Nishizawa, Shigeki, 4,498,106, Cl. 358-213.000.
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  - Furumura, Yuji; and Nishizawa, Takeshi, 4,510,177, Cl. 427-85.000.
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  - Nagatomo, Hideaki; Kawahira, Hiroto; Nishizawa, Toshizo; and Yasuda, Mitsuo, 4,494,383, Cl. 62-196.200.

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- Nishizawa, Tsutomu: *See*—
  - Yamada, Yasuyuki; Nishizawa, Tsutomu; Mikoda, Tamio; Miyahara, Tooru; and Kikutsugi, Masaharu, 4,552,684, Cl. 252-299.100.
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  - Murao, Yutaka; and Nishizono, Taira, 4,521,763, Cl. 340-347.0AD.
- Nishkawa, Yuji: *See*—
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- Niska, Raimo A.: *See*—
  - Blomqvist, Seppo I.; Saarela, Markku T.; Huhtala, Martti E.; Niska, Raimo A.; and Vaittinen, Hannu A., 4,538,986, Cl. 432-236.000.
- Niskala, Alvar M.: *See*—
  - Niitti, Timo U.; and Niskala, Alvar M., 4,508,619, Cl. 209-169.000.
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- Niskin, Shale J. Multiple pulley sheave assembly with retainer pulleys. 4,492,363, 1-8-85, Cl. 254-394.000.
- Niskin, Shale J. Nonrotating current meter housing. 4,545,243, 10-8-85, Cl. 73-170.00A.
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  - Aono, Shigeo, 4,556,030, Cl. 123-425.000.
- Nissan, Alfred H.: *See*—
  - Klein, Edward P.; and Nissan, Alfred H., 4,539,827, Cl. 68-3.0SS.
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  - Hashiba, Isao; Nishikimi, Tadashi; and Tsuchiya, Shuji, 4,537,984, Cl. 560-061.000.
  - Matsuo, Yoshiho; Yoshino, Atsuhiko; and Nishijima, Ryoji, 4,508,878, Cl. 525-333.800.
  - Matsuo, Yoshiho; Nishijima, Ryoji; Yoshino, Atsuhiko; and Kawashima, Takai, 4,528,151, Cl. 264-83.000.
  - Morinaga, Hiroshi; Miyake, Satoru; and Sato, Terumi, 4,559,166, Cl. 252-512.000.
  - Obitsu, Masamichi; Hori, Takahiro; Koinuma, Toyoji; and Sakaguchi, Yuriko, 4,521,249, Cl. 106-12.000.
  - Obitsu, Masamichi; and Hori, Takahiro, 4,559,241, Cl. 427-140.000.
  - Ozawa, Kiyomi; and Ishii, Shigeru, 4,499,275, Cl. 546-298.000.
  - Ozawa, Kiyomi; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,504,483, Cl. 514-351.000.
  - Ozawa, Kiyomi; Nakajima, Yasuyuki; Tsugeno, Makoto; Ishii, Shigeru; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,540,706, Cl. 514-403.000.
  - Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.
  - Suzuki, Hideo; Ohtsuka, Kanji; and Adachi, Masami, 4,524,213, Cl. 549-235.000.
  - Tanaka, Norio; Taniguchi, Masakazu; Baba, Masatoshi; Ikai, Takashi; Nawamaki, Tsutomu; and Matsunaga, Masaji, 4,557,753, Cl. 71-92.000.
- Nissan Diesel Motor Company, Limited: *See*—
  - Fujihara, Hidefumi; Okazoe, Hiroshi; and Hashimoto, Yoichi, 4,503,814, Cl. 123-41.300.
- Nissan Industrial Equipment Co.: *See*—
  - Maes, George L., 4,493,397, Cl. 187-9.00E.
- Nissan Kogyo Kabushiki Kaisha: *See*—
  - Takeuchi, Hiroo, 4,542,680, Cl. 91-369.00A.
- Nissan Maruzen Polyethylene Company: *See*—
  - Matsuo, Yoshiho; Yoshino, Atsuhiko; and Nishijima, Ryoji, 4,508,878, Cl. 525-333.800.
  - Matsuo, Yoshiho; Nishijima, Ryoji; Yoshino, Atsuhiko; and Kawashima, Takai, 4,528,151, Cl. 264-83.000.
- Nissan Motor Compamy, Limited: *See*—
  - Etoh, Yukihiro; Tanaka, Toshiaki; Kanesaki, Nobukazu; and Miyazaki, Hiroaki, 4,557,230, Cl. 123-263.000.
- Nissan Motor Company, Limited: *See*—
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,533,340, Cl. 474-28.000.
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,545,265, Cl. 74-868.000.
  - Adachi, Akira; Kubota, Takashi; Okada, Yukio; Miyazaki, Kenichi; and Hagiwara, Taro, 4,504,534, Cl. 428-71.000.
  - Akiyama, Yoshinori; Nishimura, Shinichi; and Harigaya, Isamu, 4,516,811, Cl. 308-3.00R.
  - Aono, Shigeo, 4,501,240, Cl. 123-339.000.
  - Aono, Shigeo, 4,531,399, Cl. 73-4.00R.
  - Aono, Shigeo, 4,538,454, Cl. 73-115.000.
  - Aoyama, Shunichi, 4,499,870, Cl. 123-198.00F.
  - Aoyoma, Shunichi; and Kato, Manabu, 4,516,542, Cl. 123-90.160.
  - Asano, Masaharu, 4,491,114, Cl. 123-492.000.
  - Baba, Yuko, 4,530,484, Cl. 249-56.000.
  - Chikaraishi, Takayo; Tuchiya, Yosimasa; and Kawamo, Kazunori, 4,492,405, Cl. 296-146.000.
  - Chikaraishi, Takayo; and Itoh, Hiroshi, 4,530,184, Cl. 49-213.000.
  - Ebihara, Sakae; Tanizaki, Hiroyuki; Sato, Kazuma; and Kanazawa, Yuzo, 4,541,667, Cl. 297-64.000.
  - Endo, Hiroshi; Sone, Masazumi; Imai, Iwao; and Kasuya, Hideo, 4,495,421, Cl. 250-551.000.
  - Endo, Hiroshi, 4,552,456, Cl. 356-5.000.
  - Endo, Toshio, 4,532,671, Cl. 16-7.000.
  - Eto, Yoshiyuki, 4,511,673, Cl. 502-525.000.
  - Fujimura, Ryuta, 4,540,064, Cl. 181-227.000.
  - Fujita, Masahiro; and Uemura, Yukio, 4,550,633, Cl. 81-56.000.
  - Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,513,835, Cl. 180-142.000.
  - Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,530,414, Cl. 180-142.000.
  - Fukuhara, Hiroshige; and Fujiki, Norio, 4,525,870, Cl. 455-297.000.
  - Fukui, Osamu, 4,494,773, Cl. 280-775.000.
  - Fukushima, Naoto; Iwata, Kazuroh; and Hidaka, Kunihiko, 4,502,575, Cl. 188-282.000.
  - Gotoh, Miyuki, 4,537,226, Cl. 139-100.000.
  - Gotoh, Miyuki; and Wada, Yoshimi, 4,546,263, Cl. 250-561.000.
  - Hamai, Kyugo; Nakagawa, Yasuhiko; Nakai, Meroji; and Inoue, Ryusaburo, 4,497,306, Cl. 123-620.000.
  - Hamai, Kyugo; Nakai, Meroji; Inoue, Ryusaburo; and Nakagawa, Yasuhiko, 4,502,454, Cl. 123-597.000.
  - Hara, Kenjiro; and Shirose, Haruya, 4,552,104, Cl. 123-192.00R.
  - Hara, Seinosuke; Aoyama, Shunichi; and Miisho, Kazuyuki, 4,498,432, Cl. 123-90.160.
  - Hara, Seinosuke; and Miisho, Kazuyuki, 4,503,818, Cl. 123-90.160.
  - Hara, Seinosuke; Aoyama, Shunichi; and Miisho, Kazuyuki, 4,526,142, Cl. 123-90.160.
  - Hara, Seinosuke; Miisho, Kazuyuki; Matsumoto, Yasuo; and Yoshikawa, Yasuo, 4,539,951, Cl. 123-90.170.
  - Hasegawa, Hideo, 4,492,129, Cl. 74-473.00R.
  - Hasegawa, Yoji; and Shinzawa, Motohiro, 4,522,027, Cl. 60-274.000.
  - Hasegawa, Yoji; and Shinzawa, Motohiro, 4,522,028, Cl. 60-277.000.
  - Hata, Yoshitaka; and Morita, Tatsuo, 4,561,401, Cl. 123-486.000.
  - Hatori, Yukiyoshi; Yagi, Eiji; and Kobari, Yuji, 4,520,777, Cl. 123-339.000.
  - Hattori, Noboru; and Suzuki, Yoshitomo, 4,495,962, Cl. 137-117.000.
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  - Hayashi, Isao, 4,512,298, Cl. 123-196.00R.
  - Hayashi, Yoshimasa; and Ogawa, Naoki, 4,497,292, Cl. 123-195.00H.
  - Hayashi, Yoshimasa, 4,515,116, Cl. 123-90.430.
  - Hayashi, Yoshimasa; and Ogawa, Naoki, 4,515,119, Cl. 123-198.00E.
  - Hayashi, Yoshimasa, 4,515,124, Cl. 123-324.000.
  - Hayashi, Yoshimasa, 4,520,771, Cl. 123-195.00H.
  - Hayashi, Yoshimasa, 4,538,554, Cl. 123-41.210.
  - Hayashi, Yoshimasa, 4,545,335, Cl. 123-41.270.
  - Hayashi, Yoshimasa, 4,547,180, Cl. 474-159.000.
  - Hayashi, Yoshimasa, 4,548,183, Cl. 123-547.000.
  - Hayashi, Yoshimasa, 4,554,891, Cl. 123-41.210.
  - Hayashi, Yoshimasa, 4,555,240, Cl. 474-152.000.
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  - Hidaka, Kunihiko; Fukushima, Naoto; and Iwata, Kazuro, 4,515,252, Cl. 188-282.000.
  - Hirabayashi, Yuji, 4,509,331, Cl. 60-602.000.
  - Hiraiwa, Kazuyoshi; and Kawaguchi, Akio, 4,495,832, Cl. 74-475.000.
  - Hiraiwa, Kazuyoshi; and Yamasaki, Saburou, 4,507,981, Cl. 74-477.000.
  - Hiraiwa, Kazuyoshi, 4,526,052, Cl. 74-339.000.
  - Hiraiwa, Kazuyoshi; and Kawaguchi, Akio, 4,531,424, Cl. 74-477.000
  - Hirano, Hiroyuki; Yamamuro, Sigeaki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,494,942, Cl. 474-28.000.
  - Hirano, Yoshinori, 4,499,866, Cl. 123-41.210.
  - Hirano, Yoshinori, 4,549,505, Cl. 123-41.080.
  - Hirano, Yoshinori; Kondo, Masahiko; and Kubozuka, Takao, 4,553,505, Cl. 123-41.200.
  - Hokusho, Hiroyasu; and Ebara, Yohji, 4,541,306, Cl. 74-713.000.
  - Honma, Masahiro; and Inokuchi, Iwane, 4,526,145, Cl. 123-357.000.
  - Honma, Masayuki, 4,504,252, Cl. 474-112.000.
  - Horibe, Osamu, 4,493,243, Cl. 91-369.00B.
  - Horiuchi, Tomofusa, 4,498,436, Cl. 123-339.000.
  - Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, 4,532,594, Cl. 364-431.110.
  - Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, 4,551,803, Cl. 364-431.050.
  - Hoshino, Shigeo; Takenaka, Kazuhiro; and Muro, Hideo, 4,507,705, Cl. 361-283.000.
  - Hosoya, Katsumi, 4,504,819, Cl. 340-60.000.
  - Hosoya, Katsumi, 4,517,952, Cl. 123-638.000.
  - Ichikawa, Sadao; and Kamiya, Tuyoshi, 4,512,297, Cl. 123-179.00H.
  - Ideta, Yasufumi, 4,531,624, Cl. 192-0.094.
  - Ideta, Yasufumi, 4,531,898, Cl. 418-26.000.
  - Ideta, Yasufumi; and Fujikawa, Tadashi, 4,541,791, Cl. 418-182.000.
  - Iida, Hideo, 4,550,754, Cl. 139-452.000.
  - Iijima, Yoshitaka, 4,531,426, Cl. 74-498.000.
  - Iijima, Yoshitaka; Uno, Takaaki; and Watanabe, Mitsuru, 4,546,848, Cl. 180-312.000.

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Ishido, Takao; Nakao, Masasi; Honya, Takao; and Mizuno, Yukio, 4,519,424, Cl. 139-91.000.
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Ishikawa, Yasuki; Endo, Hiroshi; Sone, Masazumi; and Imai, Iwao, 4,510,915, Cl. 123-620.000.
Ishikawa, Yasuki; Sone, Masazumi; and Kawai, Akio, 4,558,685, Cl. 123-620.000.
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Kamijo, Ken, 4,519,652, Cl. 297-477.000.
Kamijo, Ken; and Uekusa, Yasuyuki, 4,534,441, Cl. 180-268.000.
Kanai, Shunichiro; and Miyauchi, Teruo, 4,494,722, Cl. 248-621.000.
Kanamori, Hiroshi, 4,494,326, Cl. 40-593.000.
Kanamori, Hiroshi, 4,560,597, Cl. 428-31.000.
Kanegae, Hidetoshi; Asano, Masaharu; Yasuhara, Seishi; and Nakajima, Masao, 4,491,112, Cl. 123-479.000.
Kanegae, Hidetoshi; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,502,446, Cl. 123-479.000.
Karasawa, Kazuo, 4,544,166, Cl. 277-57.000.
Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.
Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,551,849, Cl. 381-86.000.
Kato, Manabu; and Aoyama, Shunichi, 4,534,323, Cl. 123-90.160.
Kawamoto, Tamio, 4,497,216, Cl. 74-475.000.
Kawamoto, Tamio; and Hiraiwa, Kazuyoshi, 4,510,817, Cl. 74-477.000.
Kawamura, Yoshihisa, 4,493,302, Cl. 123-357.000.
Kawamura, Yoshihisa; and Tanaka, Toshiaki, 4,531,488, Cl. 123-300.000.
Kikuchi, Yasuyuki; Matsumoto, Eiichi; and Tanaka, Yoshimasa, 4,550,695, Cl. 123-41.120.
Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,531,484, Cl. 123-192.00R.
Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,537,275, Cl. 180-300.000.
Kishi, Norimasa; and Noso, Kazunori, 4,501,012, Cl. 381-43.000.
Kishi, Norimasa; Noso, Kazunori; and Futami, Toru, 4,506,377, Cl. 381-41.000.
Kitahara, Tsuyoshi; Sone, Kohki; and Uchida, Masaaki, 4,494,374, Cl. 60-276.000.
Kiyoshige, Satoshi; Fujikawa, Tadashi; and Eguchi, Shinsuke, 4,558,998, Cl. 418-26.000.
Kobayashi, Hiroshi, 4,497,204, Cl. 73-304.00C.
Kobayashi, Hiroshi, 4,512,067, Cl. 29-25.410.
Kobayashi, Hiroshi, 4,519,012, Cl. 361-284.000.
Kobayashi, Hiroshi, 4,531,407, Cl. 73-304.00C.
Kobayashi, Kyoji; Kato, Masaru; and Fujisawa, Koichi, 4,542,325, Cl. 318-483.000.
Kobayashi, Yasushi; and Umezawa, Hidetsugu, 4,538,649, Cl. 139-435.000.
Koide, Masaru, 4,515,391, Cl. 280-690.000.
Kojima, Shuichi, 4,552,186, Cl. 139-100.000.
Kubo, Hiromasa, 4,519,237, Cl. 73-23.000.
Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, 4,500,761, Cl. 200-84.00C.
Kubota, Hitoshi, 4,502,735, Cl. 303-24.00F.
Kubota, Hitoshi, 4,509,800, Cl. 303-6.00C.
Kubota, Hitoshi, 4,514,984, Cl. 60-585.000.
Kubota, Hitoshi, 4,560,208, Cl. 303-6.00C.
Kubota, Shikibu; and Tsuji, Shisaku, 4,513,276, Cl. 340-52.00R.
Kubota, Shikibu, 4,537,088, Cl. 74-473.0SW.
Kubota, Toru; Tamate, Masazi; and Sauzu, Masaaki, 4,492,955, Cl. 340-636.000.
Kurata, Hidenori; Inaba, Kazuo; Sugiyama, Tomokazu; and Hirata, Tomio, 4,547,655, Cl. 219-204.000.
Kuroki, Junsuke; Irie, Namio; and Tanaka, Haruto, 4,518,169, Cl. 280-6.00R.
Maeda, Kouzo; and Tsujimura, Harutoshi, 4,512,604, Cl. 296-65.00A.
Maruyama, Kimiomi; and Nakajima, Yasuo, 4,497,300, Cl. 123-463.000.
Masuda, Koji, 4,499,205, Cl. 502-303.000.
Masuda, Koji, 4,501,823, Cl. 502-304.000.
Matsuda, Toshiro, 4,499,543, Cl. 364-426.000.
Matsuda, Toshiro, 4,531,198, Cl. 364-900.000.
Matsui, Shinichi, 4,506,380, Cl. 381-71.000.
Matsumura, Motohiro, 4,551,977, Cl. 60-611.000.
Matsumura, Ryouichi, 4,535,744, Cl. 123-493.000.
Matsuno, Yoshio, 4,522,114, Cl. 98-2.090.
Matsuzaki, Yoshitomi; Hayashi, Toshihiko; and Kushibiki, Keizou, 4,537,159, Cl. 123-41.270.
Midorikawa, Minoru, 4,495,153, Cl. 422-171.000.
Midorikawa, Minoru, 4,520,787, Cl. 123-556.000.
Mirikidani, Tatsumi, 4,534,213, Cl. 73-118.000.
Miwa, Hiromichi, 4,505,243, Cl. 123-446.000.
Miyabayashi, Yoshiyuki; Koyachi, Hiroshi; and Kurosawa, Yukihiro, 4,530,517, Cl. 280-752.000.
Miyasaka, Masashi; and Oikawa, Akio, 4,557,512, Cl. 292-341.180.
Mochida, Haruo; Nakakooji, Hiroshi; and Namazue, Hirotoshi, 4,492,959, Cl. 340-825.560.
Mochida, Haruo, 4,508,379, Cl. 292-336.300.
Mochida, Haruo; and Watanuki, Yoshio, 4,526,057, Cl. 74-501.00R.
Mochida, Haruo, 4,536,021, Cl. 292-201.000.
Morikawa, Kunihiko; Higuchi, Megumu; and Yanai, Tokiyoshi, 4,516,422, Cl. 72-377.000.
Morimoto, Yoshiro; and Kishi, Norimasa, 4,507,985, Cl. 74-866.000.
Morita, Tatsuo; and Sawamoto, Kunifumi, 4,543,934, Cl. 123-435.000.
Morita, Yoshinori; and Ohmura, Yutaka, 4,497,516, Cl. 296-206.000.
Moriya, Masaichi; and Seko, Osamu, 4,497,514, Cl. 292-336.300.
Moriya, Masaichi; Takaishi, Tatsuyuki; Mochida, Haruo; and Takeda, Yoshimitsu, 4,530,185, Cl. 49-280.000.
Murakami, Koichi; and Oguro, Takeshi, 4,551,779, Cl. 361-86.000.
Murakami, Takashi, 4,491,365, Cl. 297-312.000.
Murakami, Takuya; and Saotome, Masaru, 4,560,027, Cl. 180-312.000.
Murakami, Terukiyo, 4,519,360, Cl. 123-399.000.
Murakami, Terukiyo, 4,519,361, Cl. 123-399.000.
Murasugi, Takashi; Morimoto, Yoshiro; Suga, Masaaki; and Niikura, Yasuhiro, 4,560,043, Cl. 192-3.310.
Murata, Masanori; and Hayashi, Isao, 4,524,633, Cl. 74-473.00R.
Muroi, Akira; Sano, Masakatsu; Kamiya, Junichi; Okajima, Masao; and Inoue, Arifumi, 4,538,697, Cl. 180-68.400.
Nagumo, Shinichi; Ofuji, Hiromichi; and Miisho, Kazuyuki, 4,509,481, Cl. 123-407.000.
Nagumo, Shinichi; Toda, Yoshio; Nakajima, Yasuo; and Hase, Yoshifumi, 4,545,333, Cl. 123-41.020.
Nagumo, Shinichi; Hase, Yoshifumi; and Sanezawa, Fumio, 4,560,104, Cl. 236-34.500.
Nakagawa, Toyoaki; Nakajima, Masao; Kawamura, Yoshihisa; and Kanesaki, Nobukazu, 4,501,140, Cl. 73-119.00A.
Nakagawa, Toyoaki, 4,503,820, Cl. 123-357.000.
Nakajima, Masataka; and Mase, Yasushi, 4,497,296, Cl. 123-440.000.
Nakajima, Yasuo, 4,495,930, Cl. 123-575.000.
Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.
Nakamura, Makoto, 4,505,236, Cl. 123-90.270.
Nakamura, Masashi, 4,500,395, Cl. 204-284.000.
Nakamura, Yoshiharu; and Kanda, Mikio, 4,506,911, Cl. 280-801.000.
Nakata, Shuji; Kawaguchi, Yoshio; and Aono, Susumu, 4,503,312, Cl. 219-117.100.
Nakata, Shuji; Kawaguchi, Yoshio; and Nishimura, Akira, 4,521,665, Cl. 219-117.100.
Naramura, Masaru, 4,494,505, Cl. 123-325.000.
Narita, Ryuhei; Aida, Hiroyuki; and Kamiya, Yoshinori, 4,535,503, Cl. 16-382.000.
Nishiguchi, Fumio; and Komatsu, Hiroshi, 4,544,326, Cl. 415-151.000.
Nishihara, Teruyoshi, 4,500,828, Cl. 322-46.000.
Nishimiya, Ryuji; Tuchiya, Yoshimasa; and Chikaraishi, Takayo, 4,541,201, Cl. 49-221.000.
Nishimura, Hiroaki; and Suzuki, Yutaka, 4,529,961, Cl. 340-58.000.
Nishimura, Shinichi; Akiyama, Yoshinori; and Kanazawa, Yuzo, 4,497,518, Cl. 297-341.000.
Nishimura, Shinichi; Mizuno, Saburo; and Miyamoto, Kiyoshi, 4,515,404, Cl. 296-65.00R.
Nishiyama, Taichiro; and Tsuji, Shinsaku, 4,507,980, Cl. 74-473.00R.
Noguchi, Hiroshi, 4,546,839, Cl. 180-142.000.
Noso, Kazunori; Kishi, Norimasa; Futami, Toru; Nomura, Hiroyuki, and Shiraishi, Yasuhiro, 4,506,378, Cl. 381-43.000.
Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,528,687, Cl. 381-43.000.
Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,531,228, Cl. 381-46.000.
Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,532,648, Cl. 381-41.000.
Noso, Kazunori; and Kishi, Norimasa, 4,538,295, Cl. 381-43.000.
Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, 4,558,459, Cl. 381-43.000.
Nozawa, Koji, 4,518,071, Cl. 192-106.200.
Oaku, Takaaki; Maki, Yoshihiro; and Hokazono, Yasuzi, 4,504,312, Cl. 75-244.000.
Oaku, Takaaki; Shioda, Masahiko; Suzuki, Syunsuke; and Maki, Yoshihiro, 4,556,533, Cl. 419-11.000.
Oaku, Takaaki; Hokazono, Yasuzi; Shiota, Masahiko; and Maki, Yoshihiro, 4,561,889, Cl. 75-125.000.
Ochiai, Akira; and Suzuki, Yoshitaka, 4,544,198, Cl. 296-155.000.
Oda, Masatoshi, 4,519,268, Cl. 74-473.00P.
Ogawa, Naoki; and Toda, Akira, 4,492,189, Cl. 123-90.380.
Ogawa, Naoki, 4,498,433, Cl. 123-90.380.

Ogawa, Naoki, 4,520,770, Cl. 123-195.00H.
Ogawa, Naoki, 4,522,165, Cl. 123-195.00C.
Ogawa, Naoki, 4,562,111, Cl. 428-289.000.
Ohsawa, Eiji; and Kajita, Shunsuke, 4,523,715, Cl. 236-49.000.
Ohtsuka, Kunio, 4,513,634, Cl. 74-688.000.
Okada, Makoto; and Fujita, Kazunori, 4,537,278, Cl. 181-227.000.
Okamoto, Masaya; and Terada, Shigeru, 4,505,111, Cl. 60-431.000.
Okamura, Kenji; Nagaishi, Hatsuo; Kitahara, Tsuyoshi; Sone, Kohki; and Nakamura, Koyo, 4,507,986, Cl. 74-866.000.
Omura, Yutaka, 4,494,790, Cl. 296-154.000.
Onishi, Kimimasa; Takahashi, Takao; and Koriyama, Masayuki, 4,516,610, Cl. 139-435.000.
Ono, Eiichi; and Aoki, Akio, 4,507,711, Cl. 362-61.000.
Otani, Syuichi, 4,537,439, Cl. 296-37.900.
Ouchi, Toshiki; and Sano, Yoshiaki, 4,546,695, Cl. 98-121.200.
Ozawa, Masuo, 4,497,305, Cl. 123-556.000.
Ozawa, Masuo; and Hirota, Toshio, 4,520,764, Cl. 123-3.000.
Saito, Yoshihiro; and Yazaki, Komei, 4,491,032, Cl. 74-473.00R.
Sakurada, Kenichi; and Nishino, Takaichi, 4,536,030, Cl. 297-284.000.
Sakurai, Yukio; and Yamamoto, Akihiko, 4,515,208, Cl. 165-43.000.
Sasaki, Ichiro; Tsutsui, Yujiro; Inoue, Masaru; and Kase, Toru, 4,502,718, Cl. 292-336.300.
Sasaki, Masafumi; Kashiwagi, Susumu; and Hiyoshi, Takanori, 4,513,569, Cl. 60-39.310.
Sasaki, Michiaki, 4,561,977, Cl. 210-356.000.
Sato, Kenichi; and Ohki, Yoshitaka, 4,541,396, Cl. 123-518.000.
Sawamoto, Kunifumi, 4,495,921, Cl. 123-438.000.
Seko, Yasutoshi; Yanagishima, Takayuki; and Inoue, Masami, 4,496,938, Cl. 340-576.000.
Seko, Yasutoshi; Inoue, Masami; and Yanagishima, Takayuki, 4,509,040, Cl. 340-576.000.
Seko, Yasutoshi; and Yanagishima, Takayuki, 4,518,954, Cl. 340-576.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,519,627, Cl. 280-701.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,527,654, Cl. 180-140.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,534,435, Cl. 180-140.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, 4,540,059, Cl. 180-141.000.
Shibahata, Yasuji, 4,545,602, Cl. 280-701.000.
Shimbara, Hiroyuki, 4,508,077, Cl. 123-357.000.
Shimonosono, Hitoshi; Ogawa, Naoki; and Hirano, Yoshinori, 4,520,768, Cl. 123-41.440.
Shinjo, Tuneo; Nakamura, Yoshiharu; and Chikaraishi, Takayo, 4,561,690, Cl. 296-155.000.
Shinzawa, Motohiro; Arai, Motomi; Roppongi, Shomatsu; Dozono, Kichihiko; and Hasegawa, Yoji, 4,538,413, Cl. 60-303.000.
Shiraishi, Yasuhiro, 4,527,105, Cl. 318-444.000.
Sone, Masazumi; Imai, Iwao; and Nagae, Hiromitsu, 4,516,319, Cl. 29-877.000.
Suga, Masaaki, 4,531,433, Cl. 74-869.000.
Suga, Masaaki; Morimoto, Yoshiro; Hamada, Hideo; Futagi, Masaaki; and Suzuki, Tadashi, 4,539,869, Cl. 74-866.000.
Sugano, Kazuhiko, 4,501,174, Cl. 74-869.000.
Sugano, Kazuhiko, 4,532,829, Cl. 74-869.000.
Sugano, Kazuhiko, 4,539,870, Cl. 74-869.000.
Sugano, Kazuhiko, 4,555,964, Cl. 74-869.000.
Sugano, Kazuhiko, 4,561,528, Cl. 192-0.052.
Sugino, Shigemi; Sasaki, Kenichi; and Iwasa, Yoshio, 4,538,569, Cl. 123-316.000.
Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, 4,543,378, Cl. 524-100.000.
Sumi, Yasuo, 4,530,338, Cl. 123-559.000.
Suzuki, Kunihiko, 4,538,700, Cl. 180-248.000.
Suzuki, Kunihiko, 4,552,241, Cl. 180-249.000.
Suzuki, Kunihiko; and Enomoto, Koji, 4,560,025, Cl. 180-247.000.
Suzuki, Shunsuke; Mori, Masanobu; and Miyata, Takeshi, 4,512,383, Cl. 164-35.000.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Futagi, Masaaki, 4,499,979, Cl. 192-3.310.
Suzuki, Tadashi; and Kishi, Norimasa, 4,502,354, Cl. 74-866.000.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,503,956, Cl. 192-3.310.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,509,124, Cl. 364-424.100.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,539,643, Cl. 364-431.090.
Suzuki, Takashi; Yamagata, Syuzi; and Osako, Jyunji, 4,505,354, Cl. 180-297.000.
Tachibana, Akira; Fujiki, Norio; Endo, Hiroshi; Yamaki, Kiyoshi; and Kishi, Norimasa, 4,543,577, Cl. 340-904.000.
Tachibana, Akira; and Kiyoto, Masami, 4,549,181, Cl. 340-904.000.
Taguchi, Hiromi, 4,559,842, Cl. 74-336.500.
Takagi, Kazumasa; and Yamaguchi, Yasuyuki, 4,531,116, Cl. 340-568.000.
Takahashi, Kohtei, 4,531,425, Cl. 74-477.000.
Takahashi, Kotei, 4,495,831, Cl. 74-473.00R.
Takahashi, Kotei, 4,519,267, Cl. 74-473.00R.
Takahashi, Kotei, 4,520,685, Cl. 74-473.00R.
Takahashi, Kotei, 4,539,858, Cl. 74-475.000.
Takahashi, Kotei, 4,558,610, Cl. 74-473.00R.
Takahashi, Toru; and Ueno, Takashi, 4,492,195, Cl. 123-339.000.
Takase, Sadao; and Hosaka, Akio, 4,495,923, Cl. 123-478.000.
Takase, Sadao; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,527,248, Cl. 364-565.000.
Takeuchi, Kiyoshi, 4,524,625, Cl. 73-754.000.
Takeuchi, Mikio, 4,528,563, Cl. 340-903.000.
Takeuchi, Yasuhisa; Morimoto, Yoshiro; and Suzuki, Tadashi, 4,515,040, Cl. 74-866.000.
Tanaka, Haruto; Yamaki, Kiyoshi; and Suzuki, Hidetaka, 4,543,572, Cl. 340-723.000.
Tanaka, Shigenori; and Tomia, Kouji, 4,556,088, Cl. 139-452.000.
Tanaka, Shigenori; and Tomita, Kouji, 4,558,723, Cl. 139-452.000.
Tanaka, Toshiaki; Miyazaki, Hiroaki; Etoh, Yukihiro; Kanesaki, Nobukazu; and Iijima, Akihiro, 4,530,324, Cl. 123-300.000.
Tanaka, Toshiaki, 4,541,375, Cl. 123-261.000.
Tanaka, Yoshikazu; Yamamuro, Sigeaki; Hirano, Hiroyuki; and Morimoto, Yoshiro, 4,512,751, Cl. 474-28.000.
Tanaka, Yoshikazu; Hirano, Hiroyuki; Abo, Keiju; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,526,557, Cl. 474-18.000.
Tanaka, Yoshikazu; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,536,171, Cl. 474-28.000.
Tanaka, Yoshikazu; Yamamuro, Sigeaki; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; and Morimoto, Yoshiro, 4,557,706, Cl. 474-28.000.
Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, 4,528,045, Cl. 148-35.000.
Tanaka, Yoshiyuki, 4,492,101, Cl. 70-370.000.
Tanizaki, Hiroyuki; Ebihara, Sakae; Hatanaka, Akimitsu; Ogawa, Takayoshi; and Kanazawa, Yuzo, 4,496,189, Cl. 297-63.000.
Tokura, Naomi; and Hasegawa, Yoji, 4,541,239, Cl. 60-286.000.
Tomita, Kimio, 4,541,324, Cl. 91-392.000.
Tsumoto, Akio; and Kano, Hisae, 4,508,382, Cl. 296-213.000.
Tuchiya, Yoshimasa; Chikaraishi, Takayo; and Kawamo, Kazunori, 4,496,186, Cl. 296-146.000.
Tuchiya, Yoshimasa; and Minami, Tatsuo, 4,559,740, Cl. 49-216.000.
Ueno, Takashi; and Takase, Sadao, 4,495,924, Cl. 123-478.000.
Umemura, Yukio, 4,493,294, Cl. 123-41.330.
Umetsu, Yoshihiro; Muraishi, Masakazu; Ito, Osamu; and Kakeba, Masakatsu, 4,516,788, Cl. 280-6.00R.
Utsumi, Shunji; and Chikaraishi, Takayo, 4,505,500, Cl. 292-48.000.
Yagi, Eiji; Hatori, Yukiyoshi; and Kobari, Yuji, 4,503,297, Cl. 200-61.390.
Yagi, Eiji; Kobari, Yuji; and Takahashi, Sadahiro, 4,518,055, Cl. 180-142.000.
Yamada, Yoshiyasu, 4,523,783, Cl. 296-93.000.
Yamaguchi, Hiroshi; Sawamoto, Kunifumi; Sanbuichi, Hiroshi; Morita, Tatsuo; and Takizawa, Satoshi, 4,556,029, Cl. 123-41.150.
Yamaki, Kiyoshi; Suzuki, Hidetaka; Tanaka, Haruto; and Takeuchi, Yasuhisa, 4,527,155, Cl. 340-727.000.
Yamamoto, Tadahiro; and Oota, Tadaki, 4,501,709, Cl. 261-44.00D.
Yamamoto, Yukio, 4,539,466, Cl. 219-203.000.
Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,510,822, Cl. 74-733.000.
Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,519,790, Cl. 474-18.000.
Yamamuro, Sigeaki; Kumura, Haruyoshi; Tanaka, Yoshikazu; Abo, Keiju; and Hirano, Hiroyuki, 4,542,665, Cl. 74-866.000.
Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,543,077, Cl. 474-12.000.
Yamaura, Tadao; and Nishihata, Susumu, 4,506,562, Cl. 74-606.00R.
Yanagishima, Takayuki; and Seko, Yasutoshi, 4,502,122, Cl. 364-424.000.
Yanagishima, Takayuki; and Kasai, Junichi, 4,514,599, Cl. 179-181.00W.
Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, 4,550,428, Cl. 381-86.000.
Yanagishima, Takayuki; and Seko, Yasutoshi, 4,555,694, Cl. 340-524.000.
Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; Fukino, Masato; and Aoyama, Yutaka, 4,541,499, Cl. 180-142.000.
Yasuhara, Seishi, 4,491,100, Cl. 123-145.00A.
Yasuhara, Seishi, 4,491,143, Cl. 137-172.000.
Yasuhara, Seishi, 4,494,507, Cl. 123-357.000.
Yasuhara, Seishi, 4,502,438, Cl. 123-357.000.
Yasuhara, Seishi, 4,506,337, Cl. 364-550.000.
Yasuhara, Seishi, 4,515,690, Cl. 210-90.000.
Yasuhara, Seishi, 4,542,725, Cl. 123-299.000.
Yokota, Akira, 4,533,341, Cl. 474-109.000.
Yoneda, Kenji; Sugihara, Kunihiko; and Ushimura, Shoji, 4,506,833, Cl. 239-533.400.
Yoneda, Kenji; and Sugihara, Kunihiko, 4,540,126, Cl. 239-533.400.
Yoshida, Kenichi, 4,545,198, Cl. 60-39.250.
Yoshida, Kenji; and Sanada, Yuichi, 4,522,419, Cl. 280-96.000.
Yoshida, Kenji; and Sanada, Yuichi, 4,527,465, Cl. 92-136.000.
Yoshimoto, Teruko; Kawai, Mikio; and Kunimi, Hitoshi, 4,526,659, Cl. 204-56.00R.
Yuzawa, Haruo; and Sunamura, Kazuhiro, 4,505,248, Cl. 123-519.000.

Nissan Shatai Company, Limited: *See*—
Chikaraishi, Takayo; Tuchiya, Yosimasa; and Kawamo, Kazunori, 4,492,405, Cl. 296-146.000.
Kobayashi, Shinma; and Ohsawa, Eiji, 4,498,309, Cl. 62-186.000.

Kobayashi, Shinma, 4,538,760, Cl. 237-2.00A.
Matsubara, Tooru, 4,492,406, Cl. 296-217.000.
Minami, Tatsuo, 4,502,246, Cl. 49-322.000.
Minami, Tatsuo, 4,560,197, Cl. 296-155.000.
Nakamura, Yoshiharu; and Kanda, Mikio, 4,506,911, Cl. 280-801.000.
Nishimiya, Ryuji; Tuchiya, Yoshimasa; and Chikaraishi, Takayo, 4,541,201, Cl. 49-221.000.
Sunohara, Akira, 4,548,838, Cl. 427-282.000.
Tuchiya, Yoshimasa; Chikaraishi, Takayo; and Kawamo, Kazunori, 4,496,186, Cl. 296-146.000.

Nissei Plastic Industrial Co., Ltd.: *See—*
Matsuda, Shunsuke; Mitani, Katsuaki; Yoda, Hironori; and Nishizawa, Kesaji, 4,519,763, Cl. 425-192.00R.
Yamazaki, Yoshihiko, 4,540,359, Cl. 425-135.000.

Nissel, Frank R. Method and apparatus for continuously co-extruding a sheet. 4,533,510, 8-6-85, Cl. 264-171.000.

Nissen, Axel; Horner, Michael; Horn, Dieter; Lueddecke, Erik; and Teege, Gernot, to BASF Aktiengesellschaft. Chroman derivatives and stabilized polypropylene composition. 4,511,685, 4-16-85, Cl. 524-110.000.

Nissen Chemical Industries Co., Ltd.: *See—*
Maemoto, Kenichi; and Jinno, Katsushi, 4,499,040, Cl. 264-167.000.

Nissenbaum, Judith. Protective overshoe. 4,516,336, 5-14-85, Cl. 36-7.10R.

Nisshin Chemical Industry Co., Ltd.: *See—*
Fukumoto, Masafumi, 4,538,678, Cl. 165-162.000.

Nisshin Engineering Co., Ltd.: *See—*
Yamada, Yukiyoshi; and Yasuguchi, Masayuki, 4,560,471, Cl. 209-144.000.

Nisshin Flour Milling Co., Ltd.: *See—*
Kizawa, Rikiichi; and Ishigami, Shinji, 4,562,078, Cl. 426-52.000.
Koyama, Hiroyasu; Tsuji, Masahiro; and Suzuki, Yoshikuni, 4,517,365, Cl. 546-142.000.
Otake, Noboru; Seto, Haruo; Sasaki, Tetsuo; Sugita, Masanori; Natori, Yohei; and Sueda, Noriyoshi, 4,521,339, Cl. 260-239.30B.
Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, 4,514,573, Cl. 564-387.000.
Tahara, Yoshiyuki; Takahashi, Toshihiro; Koyama, Hiroyasu; Suzuki, Yoshikuni; and Yasuda, Masatoshi, 4,555,365, Cl. 260-404.000.
Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.
Tanaka, Kenji; and Endo, Shigeru, 4,500,551, Cl. 426-62.000.
Yamada, Yukiyoshi; and Yasuguchi, Masayuki, 4,560,471, Cl. 209-144.000.

Nisshin Kogyo Kabushiki Kaisha: *See—*
Fukuzawa, Genichiro; and Idesawa, Isao, 4,530,424, Cl. 188-196.00D.
Mizusaki, Yoshinobu, 4,542,624, Cl. 60-535.000.
Nagai, Shigeo, 4,511,023, Cl. 192-18.00R.
Nagai, Shigeo, 4,524,853, Cl. 192-18.00R.
Nagai, Shigeo, 4,538,712, Cl. 192-18.00R.
Seki, Masayuki, 4,538,708, Cl. 188-73.380.

Nisshin Oil Mills, Ltd.: *See—*
Higaki, Yuzo, and Ukai, Akitoshi, 4,549,009, Cl. 528-301.000.
Taguchi, Gyota; and Sato, Toshiji, 4,534,992, Cl. 426-656.000.
Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,554,220, Cl. 428-694.000.

Nisshin Steel Co., Ltd.: *See—*
Hoshino, Kazuo; Tanaka, Teruo; and Ito, Kenjiro, 4,550,487, Cl. 29-527.700.
Irie, Taisuke; Nakagawa, Yoshitaka; Tatano, Masayoshi; Watanabe, Koichi, and Watanabe, Eiji, 4,508,600, Cl. 204-27.000.
Itoh, Masahiko; Midorikawa, Heihatiro; Minato, Akira; Kubo, Mituru; Ito, Takehiko; and Katayama, Kiichiro, 4,505,760, Cl. 148-6.15R.
Kubota, Michio; and Shoji, Takeshi, 4,526,103, Cl. 101-459.000.
Ono, Yoshio; and Tanaka, Takashi, 4,519,337, Cl. 118-33.000.
Uchida, Yukio; Takagi, Kazuhiro; Katayama, Kiichiro; and Kawase, Hisao, 4,546,051, Cl. 428-653.000.
Yamaguti, Terushige; Miki, Toshinori; Mannaka, Toshio; Koyama, Hiroshi; and Kawano, Yukihiro, 4,545,228, Cl. 72-16.000.
Yamauchi, Takashi; Maruhashi, Shigeaki; Koike, Shinkichi; and Yamada, Keizo, 4,525,209, Cl. 75-51.500.
Yanagi, Kenichi; Taguchi, Toshio; Wada, Tetsuyoshi; Furukawa, Heisaburo; and Wake, Kanji, 4,552,092, Cl. 118-718.000.

Nissin Kogyo Co., Ltd.: *See—*
Nishio, Tadashi, 4,503,958, Cl. 192-12.00R.

Nissin Kogyo Kabushiki Kaisha: *See—*
Hachiro, Nobuaki, 4,538,503, Cl. 91-376.00R.
Idesawa, Isao, 4,494,633, Cl. 188-329.000.
Kasahara, Hiroshi, 4,499,730, Cl. 60-585.000.
Mizusawa, Mitutoyo; and Fujisawa, Masao, 4,500,138, Cl. 303-6.00C.
Mizusawa, Mitutoyo; and Fujisawa, Masao, 4,548,445, Cl. 303-22.00A.
Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, 4,522,108, Cl. 91-376.00R.
Takeuchi, Hiroo, 4,526,089, Cl. 92-98.00D.
Takeuchi, Hiroo; and Miyazaki, Kazuo, 4,554,786, Cl. 60-397.000.
Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, 4,557,179, Cl. 91-369.00A.

Nissin Machine Works, Limited: *See—*
Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, 4,528,074, Cl. 204-16.000.

Nissinen, Martti: *See—*
Lehtikoski, Olavi; and Nissinen, Martti, 4,550,613, Cl. 73-834.000.

Nisus Video Incorporated: *See—*
Swinehart, Steven L.; and Kuhn, Werner H., 4,545,659, Cl. 352-216.000.
Swinehart, Steven L., 4,547,051, Cl. 352-216.000.
Swinehart, Steven L.; and Kuhn, Werner H., 4,551,763, Cl. 358-225.000.

Niswender, Gordon D.: *See—*
Dunbar, Bohn D.; Niswender, Gordon D.; and Hudson, James M., 4,530,786, Cl. 260-112.00B.

Niswonger, John O. Portable radial arm saw. 4,494,431, 1-22-85, Cl. 83-471.300.

Nitanda, Hiroshi: *See—*
Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, 4,551,000, Cl. 355-3.00R.
Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.

Nitchman, Harold L.; and Cunningham, William B., Jr. System, apparatus, and method of dispensing a liquid from a semi-bulk disposable container. 4,491,247, 1-1-85, Cl. 222-131.000.

Nitchman, Harold L.; and Cunningham, William B., Jr. System, apparatus and method of dispensing a liquid from disposable container and a container therefor. 4,531,656, 7-30-85, Cl. 222-131.000.

Nitigus, Victor: *See—*
Apetrei, Constantin; Nitigus, Victor; Elek, Demeter; Radulescu, Marian; and Sachelaire, Toma, 4,496,864, Cl. 310-77.000.

Nitivy Co., Ltd.: *See—*
Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.

Nitowski, Ronald: *See—*
Donais, Norman; and Nitowski, Ronald, 4,550,964, Cl. 339-44.00M.

Nitro Nobel AB: *See—*
Jerberyd, Leif, 4,522,129, Cl. 104-138.00G.
Persson, Per I., 4,496,096, Cl. 228-107.000.
Persson, Per I.; and Persson, Bengt, 4,555,053, Cl. 228-107.000.
Persson, Per I., 4,561,585, Cl. 228-108.000.

Nitrokemia Ipartelepek: *See—*
Gorog, Katalin; Dudar, Erzebet; Gardi, Ivan; Kocsis, Maria; Gaal, Sandor; and Tasnadi, Marta, 4,511,714, Cl. 548-215.000.

Nitrotec Corporation: *See—*
Way, James, 4,560,393, Cl. 55-5.000.

Nitsch, Klaus D.: *See—*
Borchert, Werner; and Nitsch, Klaus D., 4,551,247, Cl. 210-304.000.

Nitsche, Klaus: *See—*
Schutt, Peter; Nitsche, Klaus; Grindler, Horst; and Hofmann, Hans-Joachim, 4,529,365, Cl. 417-313.000.

Nitschke, Dean M., to Glasstech, Inc. Apparatus for bending glass sheets. 4,514,208, 4-30-85, Cl. 65-273.000.

Nitschke, John S.: *See—*
McMaster, Ronald A.; and Nitschke, John S., 4,525,193, Cl. 65-114.000.

Nitschke, Manfred: *See—*
Goldrian, Gottfried; Nitschke, Manfred; Rudolph, Volker; and Wohnsdorf, Manfred, 4,553,862, Cl. 400-121.000.

Nitschke, Werner, to Robert Bosch GmbH. Positioning control system. 4,496,885, 1-29-85, Cl. 318-122.000.

Nitschko, Theodor: *See—*
Riss, Wilfried; Nitschko, Theodor; Spitaler, Engelbert; and Oberleitner, Gerhard, 4,516,791, Cl. 280-612.000.
Spitaler, Engelbert; Oberleitner, Gerhard; Svoboda, Josef; Nitschko, Theodor; and Riss, Wilfried, 4,545,598, Cl. 280-612.000.
Svoboda, Josef; Nitschko, Theodor; and Wittmann, Heinz, 4,508,361, Cl. 280-628.000.

Nitschmann, Karl; Dolata, Hans; and Dietzsch, Gunter, to Andreas Stihl. Safety arrangement for a saw chain of a power-driven chain saw. 4,554,853, 11-26-85, Cl. 83-522.000.

Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, to Stihl, Andreas. Saw chain for a chain saw. 4,558,621, 12-17-85, Cl. 83-834.000.

Nitsuko Limited: *See—*
Hamatani, Fumikazu; and Funabasama, Kouichi, 4,536,619, Cl. 179-84.00R.
Inaba, Hiroshi, 4,531,034, Cl. 200-314.000.
Inaba, Hiroshi, 4,556,769, Cl. 200-340.000.
Kimijima, Norio; and Kawazoe, Yuzuru, 4,536,615, Cl. 179-81.00B.
Matsuo, Nobuo, 4,551,582, Cl. 179-81.00R.

Nitta Gelatin Co., Ltd.: *See—*
Yoden, Yoshimasa; Okuda, Tsuneo; Fuchigami, Eiji; and Kuwabara, Toshihiro, 4,533,358, Cl. 8-94.200.

Nitta, Koichi: *See—*
Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, 4,514,787, Cl. 361-420.000.

Nitta, Tsuneharu: *See—*
Fujita, Yosuke; Tohda, Takao; Matsuoka, Tomizo; Abe, Atsushi; and Nitta, Tsuneharu, 4,547,703, Cl. 313-509.000.

- Nitta, Yoshifumi: *See—*
  - Awano, Koichi; Nitta, Yoshifumi; and Ibe, Satoshi, 4,554,964, Cl. 165-39.000.
- Nitta, Yoshihiko: *See—*
  - Okajima, Atsushi; Nitta, Yoshihiko; and Yamano, Fumiyuki, 4,502,128, Cl. 364-900.000.
- Nitta, Yoshiro, to Sony Corporation. Color television camera with a single image pickup tube featuring improved rendition of bright monochromatic objects. 4,559,554, 12-17-85, Cl. 358-44.000.
- Nittan Company, Limited: *See—*
  - Fujisawa, Takao, 4,544,921, Cl. 340-584.000.
  - Kimura, Tetsuo; Fujii, Hirofumi; Yuasa, Hayami; and Yonezawa, Tatuo, 4,524,351, Cl. 340-629.000.
  - Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,525,700, Cl. 340-518.000.
  - Kimura, Tetsuo, 4,538,137, Cl. 340-512.000.
  - Kimura, Tetsuo, 4,550,306, Cl. 340-310.00R.
  - Kimura, Tetsuo, 4,550,313, Cl. 340-584.000.
  - Sasaki, Isao, 4,498,074, Cl. 340-514.000.
  - Sasaki, Isao, 4,506,255, Cl. 340-514.000.
  - Suzuki, Takashi; Kimura, Tetsuo; and Tanaka, Seiichi, 4,505,600, Cl. 374-170.000.
  - Tanaka, Hiroshi; Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,518,952, Cl. 340-514.000.
- Nittan Valve Co., Ltd.: *See—*
  - Honda, Shoichi, 4,530,319, Cl. 123-90.460.
- Nittaya, Hiroshi: *See—*
  - Morita, Akitaka; and Nittaya, Hiroshi, 4,540,180, Cl. 273-313.000.
- Nittetsu Mining Co., Ltd.: *See—*
  - Beppu, Masaru; Agawa, Setsuo; Hazeyama, Takeshi; and Nashimoto, Toshiyuki, 4,551,240, Cl. 209-143.000.
- Nittetsu Steel Drum Co., Ltd.: *See—*
  - Inoue, Makoto; Irie, Hirofumi; Kobayashi, Youichi; and Kubota, Tetuo, 4,540,323, Cl. 413-6.000.
  - Tsukamura, Takao, 4,543,025, Cl. 413-6.000.
- Nitto Boseki Co. Ltd.: *See—*
  - Harada, Susumu; and Hasegawa, Sakuro, 4,504,640, Cl. 526-193.000.
  - Harada, Susumu; and Shimizu, Kiyoshi, 4,528,347, Cl. 526-219.000.
  - Harada, Susumu; Shimizu, Kiyoshi; and Serizawa, Hajime, 4,540,760, Cl. 526-211.000.
  - Hayashi, Ikuo; Itikawa, Tadao; Ogihara, Keizo; and Shimizu, Kiyoshi, 4,525,576, Cl. 528-313.000.
  - Hayashi, Ikuo; Ogihara, Keizo; Itikawa, Tadao; and Shimizu, Kiyoshi, 4,559,172, Cl. 260-112.50R.
  - Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito, 4,511,095, Cl. 242-18.00G.
  - Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, 4,532,105, Cl. 420-451.000.
  - Nagasawa, Takeshi; Kuroiwa, Katsumasa; and Takabayashi, Katsuyuki, 4,520,100, Cl. 435-13.000.
  - Sato, Masanori; and Iizima, Kazuo, 4,551,375, Cl. 428-57.000.
  - Takabayashi, Katsuyuki; Soeta, Muneo; and Nagasawa, Takeshi, 4,529,709, Cl. 436-111.000.
  - Ueda, Toshio; Kato, Tadashi; Mukai, Ryuichi; and Harada, Susumu, 4,559,391, Cl. 525-366.000.
  - Yamaguchi, Shigeo; and Okutsu, Tadayoshi, 4,507,337, Cl. 427-269.000.
  - Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,542,067, Cl. 428-237.000.
- Nitto Chemical Industry Co., Ltd.: *See—*
  - Furuno, Akihisa; Inukai, Kenichi; and Ogawa, Yasuo, 4,514,551, Cl. 526-233.000.
  - Sasaki, Yutaka; and Nakamura, Yoshimi, 4,504,599, Cl. 502-304.000.
  - Sasaki, Yutaka; Kiyomiya, Yutaka; Nakamura, Toshio; Nakamura, Yoshimi; and Yamaguchi, Masanori, 4,536,483, Cl. 502-20.000.
- Nitto Electric Industrial Co., Ltd.: *See—*
  - Abe, Masao; Iwama, Akio; Noda, Yuzuru; and Ichinose, Hisashi, 4,529,793, Cl. 528-423.000.
  - Funakoshi, Keigo; and Ametani, Minoru, 4,522,679, Cl. 156-510.000.
  - Hori, Yutaka; Sunakawa, Makoto; Takayama, Kikuo; Matsuoka, Naoki; and Moroishi, Yutaka, 4,500,683, Cl. 524-533.000.
  - Igarashi, Kazumasa; Yamaguchi, Katsuhiko; and Tanaka, Munekazu, 4,499,252, Cl. 528-38.000.
  - Igarashi, Kazumasa; Yamaguchi, Katsuhiko; Iko, Kazuo; and Miki, Kazuyuki, 4,520,075, Cl. 428-435.000.
  - Ishizuka, Takashi; Moriyama, Yasuhiro; and Nakamura, Masao, 4,499,042, Cl. 264-205.000.
  - Kakuhashi, Takeshi; and Tahara, Hiroshi, 4,495,524, Cl. 338-314.000.
  - Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, 4,517,546, Cl. 338-320.000.
  - Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, 4,540,463, Cl. 156-630.000.
  - Noda, Yuzuru; and Nakajima, Toshio, 4,520,071, Cl. 428-402.000.
  - Okuno, Toshimitsu; Hori, Yutaka; Sunakawa, Makoto; and Inagaki, Sadayuki, 4,510,181, Cl. 427-142.000.
  - Shibagaki, Kazuyoshi; Mori, Yoshihisa; and Moriuchi, Takahiko, 4,532,186, Cl. 428-457.000.
  - Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, 4,556,623, Cl. 430-83.000.
  - Yamamoto, Katsuhiro; Matsumoto, Katsuo; and Okada, Yoshiyuki, 4,515,162, Cl. 128-640.000.
  - Yamamura, Yutaka; Kaneko, Tomomichi; and Hayashi, Shunichi, 4,504,571, Cl. 430-253.000.
  - Yoshihara, Mitsuo; Morikawa, Yoshitada; Yamamoto, Yasuo; Komada, Mitsuharu; and Hattori, Masaaki, 4,560,713, Cl. 523-400.000.
- Nitto Hogei Co., Ltd.: *See—*
  - Takao, Masayasu, 4,554,107, Cl. 260-421.000.
- Nitto Kabushiki Kaisha: *See—*
  - Ohta, Tsuvoshi; and Uritani, Koji, 4,555,943, Cl. 73-457.000.
- Nitto Kagaku Kabushiki Kaisha: *See—*
  - Handa, Ryoji; Hosoda, Jun; and Yoshida, Norimasa, 4,535,131, Cl. 525-369.000.
- Nitto Kagaku Kogyo Kabushiki Kaisha: *See—*
  - Sekimoto, Yukihiko; and Okamoto, Osamu, 4,518,261, Cl. 366-150.000.
  - Yamada, Hideaki; and Ryuno, Koitchiro, 4,555,487, Cl. 435-253.000.
- Nitto Kasei Co., Ltd.: *See—*
  - Imazaki, Hideyuki; and Sakamoto, Kazuhiko, 4,526,932, Cl. 525-326.700.
- Nitto Kogyo K.K.: *See—*
  - Okamura, Shigeo; Sato, Yoshihiro; and Takahashi, Kenji, 4,530,140, Cl. 29-110.000.
- Nitto Kohki Co., Ltd.: *See—*
  - Matsumura, Mitsuma; Mogaki, Tadahisa; and Mikiya, Toshio, 4,551,874, Cl. 5-453.000.
  - Mikiya, Toshio, 4,498,658, Cl. 251-149.600.
  - Shoji, Michihiro; and Mikiya, Toshio, 4,559,577, Cl. 361-31.000.
  - Takahashi, Shiro, 4,555,203, Cl. 408-119.000.
  - Takeuchi, Hirosato; and Mikiya, Toshio, 4,508,104, Cl. 126-443.000.
- Nitz, Rolf-Eberhard: *See—*
  - Raabe, Thomas; Bohn, Helmut; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,532,239, Cl. 514-247.000.
  - Schonafinger, Karl; Beyerle, Rudi; Bohn, Helmut; Just, Melitta; Martorana, Piero A.; and Nitz, Rolf-Eberhard, 4,551,454, Cl. 514-252.000.
- Nitzberg, Leonard R. Method and apparatus for reclamation by reducing highwalls to gradable rubble at augered or longwalled mining sites. 4,522,448, 6-11-85, Cl. 299-13.000.
- Niu, Tyan-Faung: *See—*
  - Russell, Philip P.; Niu, Tyan-Faung; and Holland, Frederic A., 4,521,457, Cl. 427-286.000.
- Niva, Karl-Erik, to Kiruna Truck AB. Transport vehicle for a slag receptacle. 4,522,549, 6-11-85, Cl. 414-474.000.
- Niva, Karl-Erik, to Kiruna Truck, AB. U-frame truck. 4,556,356, 12-3-85, Cl. 414-458.000.
- Niven, Benjamin F., Jr., to R. J. Reynolds Tobacco Company. Dicing apparatus for sheet material. 4,522,096, 6-11-85, Cl. 83-408.000.
- Niven, Jeffrey E.; and Hsieh, Der-Chang, to Burroughs Corporation. Mirror position sensor and associated pivot suspension for improved track selection in optical data disk system. 4,560,925, 12-24-85, Cl. 324-97.000.
- Niven, Jeffrey E.: *See—*
  - LaBudde, Edward V.; and Niven, Jeffrey E., 4,544,241, Cl. 350-486.000.
- Nivin, James E., to American Commercial Barge Line Co. Plastic sheet barge hatch cover. 4,537,147, 8-27-85, Cl. 114-201.00R.
- Niwa, Hirosuke: *See—*
  - Inoue, Yoichi; Matsumoto, Toshio; Niwa, Hirosuke; Suzuki, Kenichi; and Hoshide, Yasuo. 4,495,356, Cl. 546-268.000.
- Niwa, Katsuhisa; and Ikeda, Takahiro, to West Electric Company, Ltd. Motor drive circuit for still camera. 4,502,770, 3-5-85, Cl. 354-173.110.
- Niwa, Katsuhisa; and Ikeda, Takahiro, to West Electric Company, Ltd. Camera with automatic strobe. 4,545,667, 10-8-85, Cl. 354-419.000.
- Niwa, Koichi: *See—*
  - Kamehara, Nobuo; Kurihara, Kazuaki; and Niwa, Koichi, 4,504,339, Cl. 156-89.000.
- Niwa, Masatake: *See—*
  - Maekawa, Yukio; Metabi, Tsuneyo; and Niwa, Masatake, 4,536,071, Cl. 354-400.000.
  - Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.
  - Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.
  - Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.
- Niwa, Osamu: *See—*
  - Tamamura, Toshiaki; and Niwa, Osamu, 4,559,112, Cl. 204-12.000.
- Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, to Mitsubishi Mining and Cement Co., Ltd. Filler for filling in defects or hollow portions of bones. 4,497,075, 2-5-85, Cl. 3-1.900.
- Niwa, Shuichi; Imamura, Juichi; Mizukami, Fujio; Shimizu, Kazuo; and Orito, Yoshio, to Director-General of the Agency of Industrial Science and Technology. Method for partial nuclear hydrogenation of aromatic hydrocarbon compounds and a hydrogenation catalyst therefor. 4,495,373, 1-22-85, Cl. 585-269.000.
- Niwa, Takao; Gono, Takeshi; and Osanai, Akinori, to Toyota Jidosha Kabushiki Kaisha. Apparatus for controlling speed ratios of a continuously variable transmission. 4,561,327, 12-31-85, Cl. 74-866.000.
- Niwa, Takashi, to Matsushita Electric Industrial Co., Ltd. Control circuit for a humidity sensor. 4,501,147, 2-26-85, Cl. 73-336.500.

Niwa, Tomizo: *See—*

Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, 4,536,398, Cl. 514-43.000.

Niwa, Toshio; Himeno, Kiyoshi; and Maeda, Shuichi, to Research Association of Synethtic Dyestuffs. Dye compositions for polyester fibers. 4,494,957, 1-22-85, Cl. 8-639.000.

Niwa, Toshio; Hihara, Toshio; and Shimizu, Yukiharu, to Mitsubishi Chemical Industries Limited. Reactive disperse diaminopyridine azo dyes containing a fluorostriazine group. 4,500,455, 2-19-85, Cl. 534-635.000.

Niwa, Toshio; and Hihara, Toshio, to Mitsubishi Chemical Industries Limited. Quinophthalone dyes for cellulose-containing fibers. 4,500,710, 2-19-85, Cl. 544-113.000.

Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, to Mitsubishi Chemical Industries Limited. Monoazo dyestuff mixtures to dye polyester yellow. 4,505,715, 3-19-85, Cl. 8-639.000.

Niwa, Toshio; Himeno, Kiyoshi; and Hihara, Toshio, to Mitsubishi Chemical Industries Limited. Anthraquinone dyestuffs for cellulose-containing fibers. 4,507,476, 3-26-85, Cl. 544-187.000.

Niwa, Toshio; and Hihara, Toshio, to Mitsubishi Chemical Industries Limited. 2,6-diaminopyridine-based azo dyes for cellulose-containing fibers. 4,515,716, 5-7-85, Cl. 534-635.000.

Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, to Research Association of Synthetic Dyestuffs. Heterocyclic monoazo dyes for polyester fibers. 4,542,207, 9-17-85, Cl. 534-630.000.

Niweigha, Tiefa K.: *See—*

Lee, Francis C.; Mills, Ross N.; Niweigha, Tiefa K.; and Talke, Frank E., 4,492,968, Cl. 346-140.00R.

Niwot Corporation: *See—*

Grove, Clinton E.; and Golberg, Jeffery O., 4,558,869, Cl. 277-1.000.

Nix, Paul T.; Goldfarb, Rebecca D.; Stong, Linda J.; Sulick, Lorraine E.; Trivedi, Ramesh C.; and Morgenstern, Stanley W., to CooperBiomedical, Inc. Alpha-amylase assay and substrates for use therein. 4,505,756, 3-19-85, Cl. 127-29.000.

Nix, Richard; and Compton, David J., to Automotive Products plc. Quick connect cylinder mount stucture. 4,516,748, 5-14-85, Cl. 248-1.000.

Nix, Richard; and Leigh-Monstevens, Keith V., to Automotive Products plc. Shipping and installation strap for linear actuator. 4,551,976, 11-12-85, Cl. 60-533.000.

Nix, Richard A.; and Leigh-Monstevens, Keith V., to Automotive Products plc. Shipping and installation strap for linear actuator. 4,557,361, 12-10-85, Cl. 192-85.00C.

Nixdorf Computer AG: *See—*

Hullwegen, Josef, 4,524,448, Cl. 375-118.000.

Knoop, Franz-Josef, 4,540,858, Cl. 200-5.00R.

Lubcke, Hartmut; and Backhaus, Martin, 4,500,991, Cl. 370-88.000.

Nusse, Theo, 4,503,463, Cl. 358-148.000.

Rittmeister, Hubert; and Seroka, Karl-Heinz, 4,557,072, Cl. 49-27.000.

Roeschlein, Rolf, 4,521,961, Cl. 29-884.000.

Roschlein, Rolf; and Schulte, Heinz, 4,514,743, Cl. 346-140.00R.

Scholich, Peter, 4,553,177, Cl. 360-43.000.

Simon, Joachim W., 4,509,166, Cl. 370-62.000.

Tewes, Udo; and Roeschlein, Rolf, 4,542,949, Cl. 339-75.00M.

Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,497,588, Cl. 400-645.100.

Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,504,161, Cl. 400-605.000.

Nixdorff, Frank S.; and Dornbusch, Arthur H., to Anchor Hocking Corporation. Tamper-evident closure cap. 4,503,986, 3-12-85, Cl. 215-252.000.

Nixon, Bryan E.; Ward, Donald W.; and Zaucha, Ronald J., to Goodyear Tire & Rubber Company, The. Apparatus and method for forming a co-extrusion from extruded strips. 4,539,169, 9-3-85, Cl. 264-171.000.

Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, to Goodyear Tire & Rubber Company, The; and Kabushiki Kaisha Kobe Seiko Sho. Self-alignment apparatus for molds of a tire vulcanizing press. 4,548,564, 10-22-85, Cl. 425-32.000.

Nixon, David A. Transmission sealing apparatus. 4,526,275, 7-2-85, Cl. 206-231.000.

Nixon, Eugene H., Jr.: *See—*

Hoh, Thomas G.; Friedman, Bernard L.; Borchert, Wendall; and Nixon, Eugene H., Jr., 4,505,162, Cl. 74-41.000.

Nixon, Ivor G. Refining of metals. 4,511,396, 4-16-85, Cl. 75-51.100.

Nixon, Ivor G. Metallurgical processes. 4,531,973, 7-30-85, Cl. 75-59.100.

Nixon, James E.: *See—*

Eckenrode, Paul D.; Eisenbrei, Richard P.; and Nixon, James E., 4,512,544, Cl. 249-109.000.

Nixon, John. Engine efficiency unit. 4,494,487, 1-22-85, Cl. 123-1.00A.

Nixon, Noma M. Method for fabrication of a quilt. 4,506,616, 3-26-85, Cl. 112-262.100.

Nixon, Richard G., to Allied Corporation. Dispensed guided submunition. 4,554,871, 11-26-85, Cl. 102-489.000.

Nixon, Robert J., Jr. Segmented seal for rotary equipment. 4,502,702, 3-5-85, Cl. 277-101.000.

Nixon, Robert J., Jr. Multi-segment seal ring for rotary equipment. 4,554,748, 11-26-85, Cl. 34-242.000.

Niyama, Eisuke; and Aizawa, Tatsushi, to Hitachi, Ltd. Method of and apparatus for continuously casting metal strip. 4,561,488, 12-31-85, Cl. 164-463.000.

Nizel, Robert N.; and Schimmoller, Frank D., to Architectural Resources Cambridge, Inc. Laboratory furniture system. 4,544,214, 10-1-85, Cl. 312-209.000.

NJM, Inc.: *See—*

Voltmer, Helmut; Schwenzer, Alfred F.; and Spano, John D., 4,493,744, Cl. 156-568.000.

Voltmer, Helmut; Schwenzer, Alfred F.; and Mazur, Edward J., 4,502,910, Cl. 156-361.000.

Voltmer, Helmut; Schwenzer, Alfred F.; and Spano, John D., 4,521,271, Cl. 156-568.000.

Voltmer, Helmut; Schwenzer, Alfred F.; and Mazur, Edward J., 4,555,299, Cl. 156-552.000.

NL Industries, Inc.: *See—*

Barr, John D.; and Fuller, John M., 4,505,342, Cl. 175-329.000.

Barr, John D., 4,558,753, Cl. 175-329.000.

Bates, H. John, 4,509,405, Cl. 91-420.000.

Bates, Howard J., Jr., 4,501,219, Cl. 114-264.000.

Birchak, James R., 4,532,812, Cl. 73-861.270.

Burnes, Edward E.; and Bhatia, Kishan, 4,515,759, Cl. 423-220.000.

Cody, Charles A.; Reichert, William W.; Kemnetz, Steven J.; and Magauran, Edward D., 4,505,886, Cl. 423-616.000.

Davis, Mark H.; Meador, Richard A.; and Wisler, Macmillan M., 4,536,713, Cl. 324-324.000.

Grainger, Alfred J., 4,553,615, Cl. 175-329.000.

Granger, Stanley W.; and Camerano, James J., 4,540,046, Cl. 166-55.000.

Hayman, Lawrence A., 4,530,238, Cl. 73-431.000.

House, Roy F.; and Hoover, Lonnie D., 4,496,468, Cl. 252-8.50A.

House, Roy F.; and Scearce, Forrest A., 4,528,104, Cl. 252-8.50M.

Larronde, Michael L.; and Hoos, Robert G., 4,531,579, Cl. 166-66.000.

Mardis, Wilbur S.; and Finlayson, Claude M., 4,517,112, Cl. 252-315.200.

Murphy, Richard D.; and Coope, Daniel F., 4,492,865, Cl. 250-265.000.

Murphy, Robert J., Jr., 4,531,952, Cl. 55-36.000.

Roesler, Richard F., 4,510,696, Cl. 33-304.000.

Short, Lot W., Jr., 4,538,690, Cl. 175-329.000.

Stockton, James G., 4,527,425, Cl. 73-155.000.

Tetenbaum, Marvin T.; and Crowley, Burlon C., 4,499,233, Cl. 524-591.000.

Walker, Martin J., 4,491,699, Cl. 179-156.00R.

Weido, Vincent C.; and Grissom, David, 4,515,010, Cl. 73-151.000.

Wilcox, Roy D., 4,495,800, Cl. 73-61.400.

Zabcik, Clarence J., 4,518,888, Cl. 310-334.000.

NL Sperry-Sun, Inc.: *See—*

Russell, Anthony W.; and Russell, Michael K., 4,507,958, Cl. 73-151.000.

Russell, Anthony W.; and Russell, Michael K., 4,535,429, Cl. 367-85.000.

Sharp, H. Eugene; and Smither, Miles A., 4,562,559, Cl. 367-82.000.

NLB Corp.: *See—*

Shook, Forrest A., 4,536,635, Cl. 219-83.000.

Shook, Forrest A., 4,537,639, Cl. 134-10.000.

NMR Imaging, Inc.: *See—*

Mee, Gary L.; and Willcott, M. Robert, 4,543,529, Cl. 324-313.000.

No-Muv Corporation, Inc.: *See—*

Mussallem, Charles S., Jr., 4,504,537, Cl. 428-167.000.

Mussallem, Charles S., Jr., 4,504,538, Cl. 428-167.000.

Noack, Hans-Herbert: *See—*

Mockesch, Erich; and Noack, Hans-Herbert, 4,548,321, Cl. 206-525.000.

Noack, Horst-Gunter, to Klockner-Humboldt-Deutz AG. Centrifugal pump. 4,496,281, 1-29-85, Cl. 415-111.000.

Noack, Juergen: *See—*

Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, 4,521,139, Cl. 406-19.000.

Noack, Rainer: *See—*

Heinemann, Wolfgang; Noack, Rainer; and Weyl, Helmut, 4,524,038, Cl. 264-61.000.

Noack, Timothy J.; and Rathie, Lester C., to Otis Engineering Corporation. Valve. 4,522,370, 6-11-85, Cl. 251-63.500.

Noaillac, Jean R.: *See—*

Berthet, Jeanne; Blin, Marie-Francoise; Gaussens, Gilbert; and Noaillac, Jean R., 4,557,749, Cl. 71-64.110.

Noakes, John E.; and Culp, Randolph A., to Bicron Corporation. Radiochromic liquid solution. 4,507,226, 3-26-85, Cl. 252-600.000.

Nobayashi, Shigemi: *See—*

Nio, Satoru; Sato, Shinobu; Nobayashi, Shigemi; and Hamashima, Toyoji, 4,528,632, Cl. 364-169.000.

Nobbe, Volker: *See—*

Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, 4,528,099, Cl. 210-489.000.

Nobe, Tomio: *See—*

Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, 4,502,975, Cl. 252-315.100.

Nobex AB: *See—*

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Nobis, Dieter: *See—*

Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, 4,505,374, Cl. 198-448.000.

  - Huckler, Volker; Sonns, Eugen; Schafer, Helmut; and Nobis, Dieter, 4,549,637, Cl. 192-3.630.
- Noble, Allen T., to Noble Linear Irrigation, Inc. Land irrigation apparatus providing improved water distribution. 4,491,274, 1-1-85, Cl. 239-183.000.
- Noble Automated Systems, Inc.: *See*—
  - Ray, Joe R., 4,520,918, Cl. 198-640.000.
  - Ray, Joe R., 4,520,920, Cl. 198-761.000.
- Noble, Bruce P.: *See*—
  - Babbitt, Brett A.; Le, Tri C.; and Noble, Bruce P., 4,535,967, Cl. 251-54.000.
- Noble, David: *See*—
  - Napier, Eunice J.; Evans, James K.; Noble, David; and Bushell, Michael, 4,529,734, Cl. 514-375.000.
- Noble, James R. Back exercising device. 4,523,583, 6-18-85, Cl. 128-71.000.
- Noble, John W., to Westvaco Corporation. Adhesive latex polymerization surfactants. 4,511,691, 4-16-85, Cl. 524-745.000.
- Noble Linear Irrigation, Inc.: *See*—
  - Noble, Allen T., 4,491,274, Cl. 239-183.000.
- Noble Manufacturing Company: *See*—
  - Bethea, James R., 4,522,855, Cl. 428-49.000.
- Noble, Robert T., to Texas Instruments Incorporated. Method of operating a stacked display. 4,521,775, 6-4-85, Cl. 340-784.000.
- Noble, Scott W.: *See*—
  - Burke, Timothy M.; Smith, Paul F.; Noble, Scott W.; and Schorman, Eric R., 4,495,647, Cl. 455-38.000.
  - Burke, Timothy M.; and Noble, Scott W., 4,517,561, Cl. 340-825.070.
- Noborimoto, Kazutaka: *See*—
  - Suzuki, Junichi; Maruta, Keiji; Noborimoto, Kazutaka; and Hineno, Satoshi, 4,507,765, Cl. 369-45.000.
- Noboru, Nasu; and Tatsuo, Inada, to Kawakami Co., Ltd. Spreading equipment having selvage engaging independently rotated needle wheels. 4,494,740, 1-22-85, Cl. 270-31.000.
- Nobs, Erwin, to Omega SA. Color matrix display with discharge tube light emitting elements. 4,559,480, 12-17-85, Cl. 315-324.000.
- Nobue, Tomotaka; and Kusunoki, Shigeru, to Matsushita Electric Industrial Co., Ltd. High frequency heating appliance. 4,503,306, 3-5-85, Cl. 219-10.55F.
- Nobuhara, Masahiro; Yamaguchi, Kiyoshi; and Mochida, Ei, to Mochida Pharmaceutical Co., Ltd. Method of interferon production. 4,548,900, 10-22-85, Cl. 435-68.000.
- Nobukawa, Akira; and Sawaguchi, Tatsue, to Kitagawa Iron Works Co. Ltd. Cooling system of rotary fluid pressure cylinder for chucking in machine tools. 4,523,632, 6-18-85, Cl. 165-47.000.
- Noburu Onuki: *See*—
  - Sunada, Imao, 4,537,573, Cl. 433-32.000.
- Nobuta, Yasuo: *See*—
  - Katsumata, Kenichiro; and Nobuta, Yasuo, 4,558,458, Cl. 378-20.000.
- Nobuta, Yoshiji, to Mizuno Corporation; and Sharp Kabushiki Kaisha. Apparatus for communication of instructing information. 4,536,739, 8-20-85, Cl. 340-323.00R.
- Nobutoki, Michiharu: *See*—
  - Arizono, Kenzo; Terasawa, Michio; and Nobutoki, Michiharu, 4,525,348, Cl. 424-81.000.
- Noca, Joseph A.: *See*—
  - Frank, Robert G.; and Noca, Joseph A., 4,541,758, Cl. 408-1.0BD.
- Nocerino, Grace L. Drapery tieback assembly. 4,559,988, 12-24-85, Cl. 160-349.00D.
- Nochumson, Samuel, to FMC Corporation. Polyacrylamide cross-linked with a polysaccharide resin as electrophoretic gel medium. 4,504,641, 3-12-85, Cl. 526-238.200.
- Nochumson, Samuel, to FMC Corporation. Polyacrylamide cross-linked with a polysaccharide resin as electrophoretic gel medium. 4,542,200, 9-17-85, Cl. 526-238.200.
- Nock, Hans, to Hafele KG. Device for perpendicularly joining furniture panels. 4,502,810, 3-5-85, Cl. 403-231.000.
- Nocon, Gene. Photographic timer. 4,524,290, 6-18-85, Cl. 307-141.400.
- Nocopi Inc.: *See*—
  - Gardner, Norman A.; and Voticky, Michael P., 4,522,429, Cl. 283-91.000.
- Noda, Aiji. Method for the treatment of calcifying pancreatitis. 4,517,309, 5-14-85, Cl. 514-376.000.
- Noda, Akiko, heir: *See*—
  - Yajima, Seishi, deceased; Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, 4,515,742, Cl. 264-63.000.
- Noda, Atsuhito: *See*—
  - Ichimura, Yoshiaki; Noda, Atsuhito; Tokaichi, Tetsuro; and Umesato, Shoji, 4,519,660, Cl. 339-75.00M.
- Noda, Atsushi, to Canon Kabushiki Kaisha. Recording apparatus. 4,535,344, 8-13-85, Cl. 346-139.00D.
- Noda, Azusa; Fujitaka, Nobuo; and Fujisaki, Masaru, to Honda Giken Kogyo Kabushiki Kaisha. Rear motorcycle fork. 4,540,193, 9-10-85, Cl. 280-284.000.
- Noda, Chikako: *See*—
  - Sadamori, Hiroki; Chikazawa, Akio; Okamura, Setsuo; and Noda, Chikako, 4,491,640, Cl. 502-242.000.
- Noda, Eiichi: *See*—
  - Nakayama, Shigenobu; Noda, Eiichi; Noguchi, Yoshiaki; Yamamoto, Isamu; and Kawasaki, Noboru, 4,507,500, Cl. 564-340.000.
  - Sasagawa, Katsuyoshi; Noda, Eiichi; and Imai, Masao, 4,529,684, Cl. 430-269.000.
- Noda, Fumiyoshi: *See*—
  - Hashimoto, Kametaro; Ushitani, Kenji; Noda, Fumiyoshi; Sugiyama, Masahiko; and Murachi, Mikio, 4,533,579, Cl. 428-36.000.
- Noda, Hideo, to Shimano Industrial Company Limited. Fishing reel clutch actuator. 4,548,370, 10-22-85, Cl. 242-211.000.
- Noda, Ichiro; Suekane, Yasuhiro; and Nakao, Hisao, to Ishigaki Kiko Co., Ltd. Filter press. 4,512,889, 4-23-85, Cl. 210-225.000.
- Noda, Ippei; and Ogiso, Osamu, to Takemoto Yushi Kabushiki Kaisha. Lubricating agents for processing fibers and method of processing thermoplastic synthetic fiber filaments therewith. 4,502,968, 3-5-85, Cl. 252-8.800.
- Noda, Kazuo: *See*—
  - Mastuyama, Takashi; and Noda, Kazuo, 4,530,591, Cl. 355-8.000.
- Noda, Kenichi: *See*—
  - Yabe, Minoru; Noda, Kenichi; Endo, Satoru; and Yamauchi, Masaaki, 4,510,413, Cl. 313-460.000.
- Noda, Koshi: *See*—
  - Nakahara, Teiji; Sakai, Shoji; Noda, Koshi; Fujiwara, Michiaki; and Kubota, Nobunori, 4,535,944, Cl. 242-35.50A.
  - Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,517,794, Cl. 57-304.000.
  - Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, 4,538,329, Cl. 19-244.000.
- Noda, Kuniharu: *See*—
  - Anazawa, Shinzo; Yamada, Hitoshi; Noda, Kuniharu; and Fujimoto, Yasuyuki, 4,527,010, Cl. 174-52.0FP.
- Noda, Masahiro; and Misu, Tatsuo, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for signaling elevator malfunctions. 4,491,198, 1-1-85, Cl. 187-29.00R.
- Noda, Masahiro; and Ando, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for detecting abnormality in the cage of an elevator. 4,537,287, 8-27-85, Cl. 187-29.00R.
- Noda, Masaki; Shinkawa, Keiro; and Sodeyama, Chuichi, to Hitachi, Ltd. Matching circuit for a pre-amplifier of SHF band television signal receiver. 4,491,809, 1-1-85, Cl. 333-35.000.
- Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Automatic transmission controller for automobiles. 4,523,281, 6-11-85, Cl. 364-424.100.
- Noda, Munetaka; Muto, Takahiko; Suzuki, Motoyoshi; and Ninoyu, Yutaka, to Nippondenso Co., Ltd. Automatic running speed control for automotive vehicles. 4,560,024, 12-24-85, Cl. 180-176.000.
- Noda, Munetaka: *See*—
  - Hara, Kiyoshi; Inoue, Yozo; and Noda, Munetaka, 4,506,752, Cl. 180-179.000.
- Noda, Norio: *See*—
  - Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, 4,537,444, Cl. 297-284.000.
- Noda, Noriyuki: *See*—
  - Shimizu, Motoharu; Noda, Noriyuki; and Noguchi, Yoshihiro, 4,547,758, Cl. 335-302.000.
- Noda, Sadafumi, to Mitsubishi Denki Kabushiki Kaisha. Super-heat detector for refrigerating apparatus. 4,545,212, 10-8-85, Cl. 62-129.000.
- Noda, Sadafumi; and Zimmern, Bernard, to Zimmern, Bernard. Method of lubricating bearings of a refrigeration or the like compressor. 4,553,399, 11-19-85, Cl. 62-84.000.
- Noda, Shigeo; Yamashita, Yasuhiro; and Imamura, Kosei, to Toyoda Koki Kabushiki Kaisha. Numerically controlled machine tool system capable of setting up tools into tool magazine. 4,543,636, 9-24-85, Cl. 364-474.000.
- Noda, Shigeru: *See*—
  - Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, 4,529,263, Cl. 350-96.200.
- Noda, Shinji: *See*—
  - Chikamasa, Hiroshi; and Noda, Shinji, 4,554,177, Cl. 427-130.000.
- Noda, Takashi: *See*—
  - Kataoka, Masao; Oshima, Yujiro; Noda, Takashi; and Suzuki, Shigeo, 4,543,929, Cl. 123-263.000.
- Noda, Takeshi: *See*—
  - Takaku, Hiroshi; and Noda, Takeshi, 4,552,955, Cl. 536-24.000.
- Noda, Tamotsu; Tamura, Hifumi; and Okano, Hiroshi, to Hitachi, Ltd. Field-emission ion source with spiral shaped filament heater. 4,551,650, 11-5-85, Cl. 313-362.100.
- Noda, Tsutomu: *See*—
  - Iso, Yoshimi; Inoue, Shigeki; Noda, Tsutomu; and Ohashi, Shinichi, 4,539,665, Cl. 369-44.000.
  - Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, 4,562,549, Cl. 364-486.000.
- Noda, Yasushi: *See*—
  - Kashiwagi, Yoshiyuki; Noda, Yasushi; and Kitakizaki, Kaoru, 4,554,425, Cl. 200-144.00B.
- Noda, Yoichiro: *See*—
  - Kitagawa, Tadao; Kosuge, Yutaka; and Noda, Yoichiro, 4,525,702, Cl. 340-556.000.
- Noda, Yuji: *See*—
  - Kitamura, Takashi; Fukuura, Yukio; Tanuma, Itsuo; Shinogaya, Toshikazu; and Noda, Yuji, 4,548,687, Cl. 204-159.170.
- Noda, Yuzuru; and Nakajima, Toshio, to Nitto Electric Industrial Co., Ltd. Spherical porous polyimide powder. 4,520,071, 5-28-85, Cl. 428-402.000.
- Noda, Yuzuru: *See*—
  - Abe, Masao; Iwama, Akio; Noda, Yuzuru; and Ichinose, Hisashi, 4,529,793, Cl. 528-423.000.

Nodelman, Neil H.: *See—*
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Nodiff, Edward A.: *See—*
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Noding, Stephen A., to Dow Chemical Company, The. Selective electrochemical oxidation of organic compounds. 4,543,173, 9-24-85, Cl. 204-263.000.

Noe, Andreas: *See—*
Noe, Oskar; Noe, Andreas; and Noe, Rolf, 4,534,198, Cl. 72-201.000.
Noe, Oskar; Noe, Andreas; and Noe, Rolf, 4,539,830, Cl. 72-12.000.
Noe, Oskar; Noe, Rolf; and Noe, Andreas, 4,558,578, Cl. 72-39.000.

Noe, Christian. Chiral, optically active compounds useful as protective groups for hydroxy, thiol and amino compounds. 4,497,960, 2-5-85, Cl. 549-386.000.

Noe, Oskar; Noe, Andreas; and Noe, Rolf, to BWG Bergwerk-und Walzwerk-Maschinenbau GmbH. Cooling hot-rolled steel strip. 4,534,198, 8-13-85, Cl. 72-201.000.

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Noe, Rolf: *See—*
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Noe, Oskar; Noe, Andreas; and Noe, Rolf, 4,539,830, Cl. 72-12.000.
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Noe, William J.: *See—*
Cotton, Curran D.; Ellingson, David L.; Noe, William J.; and Wilson, James D., 4,531,387, Cl. 68-3.00R.

Noel, Alois; Zeitvogel, Josef; Wunderlich, Erhard; and Meichsner, Michael, to ALLWEILER AG Aktiengesellschaft. Motor-pump unit. 4,547,135, 10-15-85, Cl. 417-360.000.

Noel, Gapp: *See—*
Vilain, Claude; and Noel, Gapp, 4,550,932, Cl. 280-689.000.

Noel, Jean P.: *See—*
Geffroy, Jean; Glachet, Charles; Moulin, Maurice; and Noel, Jean P., 4,491,717, Cl. 219-121.0LG.

Noel, Stan L., to Ampex Corporation. Overload protection device. 4,494,164, 1-15-85, Cl. 361-101.000.

Noell, Godwin L.; and Sundberg, Jack G., to Chandler Evans Inc. Method and apparatus for main fuel pumping system having backup pump. 4,553,914, 11-19-85, Cl. 418-69.000.

Noell, Ralph B.: *See—*
Womack, Darryl L.; Noell, Ralph B.; and Bradshaw, Larry R., 4,554,913, Cl. 128-80.00C.

Noetzel, Siegfried: *See—*
Mauz, Otto; Sauber, Klaus; and Noetzel, Siegfried, 4,542,069, Cl. 428-402.000.

Noga, Patricia J.: *See—*
Fredrickson, James C.; Noga, Patricia J.; and Strasek, Frank M., 4,495,715, Cl. 36-113.000.

Nogai, Akira, to Yoshida Kogyo K.K. Apparatus for manufacturing a continuous slide fastener stringer. 4,492,547, 1-8-85, Cl. 425-111.000.

Nogami, Akira: *See—*
Toriyabe, Tetsuo; Ooya, Kunihiko; Nogami, Akira; and Sugawara, Kazunori, 4,531,626, Cl. 198-347.000.

Nogami, Masaharu, to Fujitsu Limited. Method and apparatus for vapor phase growth of a semiconductor. 4,507,169, 3-26-85, Cl. 156-606.000.

Nogami, Saburo: *See—*
Igarashi, Michiaki; Inui, Takayasu; Otsuka, Kazuo; Nogami, Saburo; and Nishimura, Satoru, 4,507,057, Cl. 417-216.000.

Nogami, Susumu: *See—*
Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, 4,499,882, Cl. 123-492.000.

Nogami, Tadahiko: *See—*
Ichiryu, Ken; Watanabe, Haruo; and Nogami, Tadahiko, 4,529,362, Cl. 417-271.000.

Nogami, Takahiro; Akahori, Shigetaka; Oohori, Harumi; and Nakanishi, Nobuyasu, to Toyota Jidosha Kabushiki Kaisha. Anti creep vehicle braking system allowing further additional braking action application. 4,497,395, 2-5-85, Cl. 192-4.00A.

Nogami, Takahiro: *See—*
Hayashi, Kunihisa; and Nogami, Takahiro, 4,519,469, Cl. 180-169.000.

Nogami, Takashi; and Nawa, Masayoshi, to Kao Corporation. Electrochemical battery including a product of activated carbon fiber as an electrode. 4,510,216, 4-9-85, Cl. 429-101.000.

Nogami, Taro, to Hitachi, Ltd. Fluorimeter. 4,531,834, 7-30-85, Cl. 356-73.000.

Nogami, Taro; and Tsukada, Masamichi, to Hitachi, Ltd. Double monochrometer. 4,553,840, 11-19-85, Cl. 356-333.000.

Nogami, Yuki: *See—*
Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.

Nogashima, Nao: *See—*
Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.

Nogawa, Tadao: *See—*
Ohura, Yukio; Hatta, George; and Nogawa, Tadao, 4,502,740, Cl. 29-148.460.

Nogi, Hiroyoshi; and Tanaka, Shigeru, to Musashi Engineering Kabushiki Kaisha. Stacker for paper sheet counting apparatus. 4,556,212, 12-3-85, Cl. 271-315.000.

Nogi, Hiroyoshi; and Ookawa, Hiroyuki, to Musashi Engineering Kabushiki Kaisha. Paper sheet feed-out device for a paper sheet counting apparatus. 4,560,154, 12-24-85, Cl. 271-10.000.

Nogi, Hiroyoshi: *See—*
Kawano, Hikaru; Sato, Koji; and Nogi, Hiroyoshi, 4,511,301, Cl. 414-43.000.

Nogi, Tatsuo. Parallel computer. 4,514,807, 4-30-85, Cl. 364-200.000.

Nogita, Shunsuke: *See—*
Kuge, Toshio; Yokoyama, Hiroshi; Nogita, Shunsuke; Nakamura, Yoichi; and Muroi, Katsumi, 4,523,927, Cl. 44-1.00B.
Nakamura, Yoichi; Yamamoto, Akio; Nogita, Shunsuke; Kuge, Toshio; and Muroi, Katsumi, 4,511,363, Cl. 44-1.00G.
Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, 4,528,251, Cl. 429-25.000.

Noguchi, Akio: *See—*
Takayama, Yukio; Noguchi, Akio; and Matsushita, Takao, 4,513,301, Cl. 346-200.000.

Noguchi, Hideo: *See—*
Minami, Kenji; Katagiri, Masaru; and Noguchi, Hideo, 4,509,067, Cl. 357-13.000.

Noguchi, Hiroki: *See—*
Fukami, Akira; Okamoto, Kunio; and Noguchi, Hiroki, 4,494,597, Cl. 165-41.000.
Fukami, Akira; Noguchi, Hiroki; and Hamaguchi, Hiroshi, 4,500,479, Cl. 261-98.000.
Fukami, Akira; Noguchi, Hiroki; and Kondo, Yauo, 4,556,171, Cl. 237-12.30B.

Noguchi, Hironori: *See—*
Kanda, Yoshiro; Noguchi, Hironori; and Ikeda, Tadashi, 4,516,327, Cl. 33-169.00R.

Noguchi, Hiroshi, to Nissan Motor Company, Limited. Rack and pinion steering gear mounting system. 4,546,839, 10-15-85, Cl. 180-142.000.

Noguchi, Hiroshi: *See—*
Chujo, Yoshiki; and Noguchi, Hiroshi, 4,538,575, Cl. 123-440.000.

Noguchi, Hiroyuki: *See—*
Nakagawa, Takeo; Noguchi, Hiroyuki; Yanagisawa, Akira; Fuma, Toyoji; Tsuchida, Masanobu; Inagaki, Takehiro; and Hayashi, Yoshikazu, 4,531,705, Cl. 249-134.000.

Noguchi, Isamu. Lantern type electric lamp. 4,562,521, 12-31-85, Cl. 362-433.000.

Noguchi, Junichi: *See—*
Okafuji, Masaharu; Ochi, Yoshinori; Miyake, Atsushi; Noguchi, Junichi; and Matsuo, Ichiro, 4,558,480, Cl. 15-77.000.

Noguchi, Katsuya: *See—*
Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, 4,500,327, Cl. 55-72.000.
Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, 4,556,547, Cl. 423-230.000.

Noguchi, Kazuyoshi, to Murata Kikai Kabushiki Kaisha. Pneumatic yarn splicing apparatus. 4,507,912, 4-2-85, Cl. 57-22.000.

Noguchi, Kiyoshi: *See—*
Kobayashi, Koji; Noguchi, Kiyoshi; and Takayama, Suguru, 4,540,600, Cl. 427-130.000.
Kobayashi, Kouji; Noguchi, Kiyoshi; and Takayama, Suguru, 4,548,871, Cl. 428-593.000.
Takayama, Suguru; Noguchi, Kiyoshi; and Kobayashi, Kouji, 4,550,062, Cl. 428-611.000.

Noguchi, Koji; Asanae, Masumi; and Kimura, Fumio, to Hitachi Metals, Ltd. Electrophotographic developer. 4,518,673, 5-21-85, Cl. 430-108.000.

Noguchi, Koji: *See—*
Asanae, Masumi; Noguchi, Koji; Itoi, Hideyuki; and Funakoshi, Katsumi, 4,529,680, Cl. 430-106.600.

Noguchi, Kouki; Tsunehiro, Takashi; and Nakamura, Hideo, to Hitachi, Ltd. Microinstruction controlled data processor. 4,494,195, 1-15-85, Cl. 364-200.000.

Noguchi, Masaaki; Tanaka, Yukiyasu; and Igarashi, Isao, to Toyota Jidosha Kogyo Kabushiki Kaisha. Two-stroke cycle engine. 4,491,096, 1-1-85, Cl. 123-51.00B.

Noguchi, Masahiro: *See—*
Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, 4,530,773, Cl. 252-67.000.
Enjo, Naonori; Noguchi, Masahiro; and Ide, Satoshi, 4,557,851, Cl. 252-70.000.

Noguchi, Masahisa; and Kaneda, Kazuji, to Furukawa Electric Co., Ltd., The. Method and apparatus for fixing an end of a coiled wire on a take up spool. 4,552,314, 11-12-85, Cl. 242-25.00R.

Noguchi, Michihiro, to Konishiroku Photo Industry Co., Ltd. Range focusing system for a camera. 4,505,566, 3-19-85, Cl. 354-400.000.

Noguchi, Minetoshi: *See—*
Shinomiya, Hiroaki; and Noguchi, Minetoshi, 4,520,745, Cl. 112-266.100.

Noguchi, Mitsuru: *See—*

Munakata, Shunsaku; Ukai, Hitoshi; Noguchi, Mitsuru; and Sawai, Shinichi, 4,555,380, Cl. 264-510.000.

Noguchi, Naoki: *See—*

Tanaka, Masaru; Noguchi, Naoki; Yoshino, Kenji; and Saitoh, Osamu, 4,525,069, Cl. 356-435.000.

Noguchi, Tadashi, to Pioneer Electronic Corporation. Subcarrier signal generator for use in stereo tuners. 4,506,376, 3-19-85, Cl. 381-4.000.

Noguchi, Tadashi, to Pioneer Electronic Corporation. Circuit for preventing malfunction of muting amplifier. 4,532,482, 7-30-85, Cl. 330-307.000.

Noguchi, Tadashi: *See—*

Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, 4,497,063, Cl. 381-7.000.

Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, 4,502,148, Cl. 381-7.000.

Noguchi, Takaharu: *See—*

Arai, Takao; and Noguchi, Takaharu, 4,492,997, Cl. 360-113.000.

Arai, Takao; Yamazaki, Shigeru; Kanazawa, Yasunori; and Noguchi, Takaharu, 4,539,615, Cl. 360-121.000.

Noguchi, Takanobu: *See—*

Murase, Ichiki; Ohnishi, Toshihiro; and Noguchi, Takanobu, 4,528,118, Cl. 252-500.000.

Noguchi, Teruo; and Ohkura, Isao, to Mitsubishi Denki Kabushiki Kaisha. Complementary metal-oxide semiconductor integrated circuit device of master slice type. 4,562,453, 12-31-85, Cl. 357-44.000.

Noguchi, Tetsuo; and Kuwabara, Kanji, to Kabushiki Kaisha Okawara Seisakusho. Method of and system for incinerating sludge. 4,508,039, 4-2-85, Cl. 110-258.000.

Noguchi, Tetsuo: *See—*

Yamahira, Yoshiya; Shima, Katsuhiko; Matsusaka, Chikako; and Noguchi, Tetsuo, 4,514,386, Cl. 424-81.000.

Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro, to Matsushita Electric Industrial Co., Ltd. Time divided digital signal transmission system. 4,498,170, 2-5-85, Cl. 370-110.100.

Noguchi, Wataru: *See—*

Iwabe, Kazuki; and Noguchi, Wataru, 4,507,678, Cl. 358-51.000.

Noguchi, Yasuhiro; and Morigaki, Masakazu, to Fuji Photo Film Co., Ltd. Color diffusion transfer light-sensitive element with amine solvent. 4,517,286, 5-14-85, Cl. 430-562.000.

Noguchi, Yasuhiro; and Mihara, Yuji, to Fuji Photo Film Co., Ltd. Spectrally sensitized inner latent image type silver halide photographic emulsions. 4,518,689, 5-21-85, Cl. 430-574.000.

Noguchi, Yasuhiro: *See—*

Koyama, Koichi; Noguchi, Yasuhiro; and Toriuchi, Masaharu, 4,551,423, Cl. 430-559.000.

Noguchi, Yoshiaki: *See—*

Nakayama, Shigenobu; Noda, Eiichi; Noguchi, Yoshiaki; Yamamoto, Isamu; and Kawasaki, Noboru, 4,507,500, Cl. 564-340.000.

Noguchi, Yoshihiro: *See—*

Shimizu, Motoharu; Noda, Noriyuki; and Noguchi, Yoshihiro, 4,547,758, Cl. 335-302.000.

Noguchi, Yoshiki: *See—*

Arakawa, Tadao; Noguchi, Yoshiki; Hishinuma, Yukio; and Nagasaki, Nobuo, 4,546,603, Cl. 60-39.120.

Koyama, Syuntaro; Tomuro, Jinichi; Miyamoto, Tomohiko; Noguchi, Yoshiki; and Hishinuma, Yukio, 4,531,949, Cl. 48-202.000.

Noguchi, Yukio; and Yamagishi, Takashi, to Nippon Sheet Glass Co., Ltd. Thallium-containing optical glass composition. 4,495,299, 1-22-85, Cl. 501-72.000.

Noguchi, Yukio: *See—*

Aoyagi, Koshiro; Noguchi, Yukio; Nakajima, Koe; and Ataka, Matsuo, 4,528,834, Cl. 72-202.000.

Yamagishi, Takasi; and Noguchi, Yukio, 4,495,298, Cl. 501-55.000.

Nogueira, Eduardo D.: *See—*

Nogueira, Gustavo D.; Vega, Jose M. R.; and Nogueira, Eduardo D., 4,521,386, Cl. 423-157.000.

Nogueira, Gustavo D.; Vega, Jose M. R.; and Nogueira, Eduardo D. Procedure for obtaining high purity magnesium salts or their concentrate solutions from sea water, brine or impure magnesium salt solutions. 4,521,386, 6-4-85, Cl. 423-157.000.

Noh, Akihiko; Saijo, Yoshiaki; Sato, Shinichi; and Tanaka, Ichiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic set-up system. 4,543,970, 10-1-85, Cl. 134-62.000.

Nohara, Akira; and Kuzuna, Seiji, to Takeda Chemical Industries, Ltd. 5-oxo-5H-(1)benzopyrano(2,3-b)pyridine derivatives, their production and use as anti-inflammatory agents. 4,539,326, 9-3-85, Cl. 514-285.000.

Nohara, Fujio: *See—*

Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.

Nohara, Isao: *See—*

Yamamoto, Shigeru; Miyake, Yuzuru; and Nohara, Isao, 4,498,637, Cl. 242-18.100.

Nohara, Saburo: *See—*

Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.

Nohara, Shigezo, to Toyo Seikan Kaisha, Ltd. Process for producing stretched multilayer polyester bottle. 4,534,930, 8-13-85, Cl. 264-513.000.

Nohavica, Dusan: *See—*

Rohlicek, Vojtech; Hruby, Jaroslav; Nohavica, Dusan; Hrdlicka, Jan; Vykouk, Vlastimil; and Kubec, Frantisek, 4,535,784, Cl. 128-735.000.

Nohda, Masao, to Nippon Kogaku K.K. Apparatus for measuring the refractive power of an optical system. 4,526,451, 7-2-85, Cl. 351-211.000.

Nohda, Masao, to Nippon Kogaku K.K. Apparatus for subjectively measuring the refractive power of an eye. 4,529,280, 7-16-85, Cl. 351-211.000.

Nohda, Masao, to Nippon Kogaku K.K. Automatic lens meter. 4,534,645, 8-13-85, Cl. 356-125.000.

Nohmayer, Fritz: *See—*

Keller, Roderich; and Nohmayer, Fritz, 4,562,355, Cl. 250-423.00R.

Nohmi Bosai Kogyo Co. Ltd.: *See—*

Handa, Takashi; and Okayama, Yoshiaki, 4,543,273, Cl. 427-126.300.

Yasukawa, Makoto; and Ishii, Kenji, 4,528,555, Cl. 340-630.000.

Nohmi, Makoto: *See—*

Mori, Kinji; Nohmi, Makoto; Miyamoto, Shoji; Ihara, Hirokazu; Matsumaru, Hiroshi; and Ikeda, Katuaki, 4,510,492, Cl. 340-825.050.

Nohren, Hubert: *See—*

Werkes, Heinz; and Nohren, Hubert, 4,540,987, Cl. 343-18.00B.

Nohria, Naresh K.: *See—*

Jindrick, James A.; Dolnik, Thomas G.; Nohria, Naresh K.; Gilker, Clyde; Hurley, James R.; Dunk, Michael P.; Reis, Norbert J.; and Bray, Thomas J., 4,535,409, Cl. 364-481.000.

Nohso, Hidenori, to Mitsubishi Kasei Kogyo Kabushiki Kaisha. Stirring apparatus. 4,518,264, 5-21-85, Cl. 366-208.000.

Noiles, Douglas G.: *See—*

McGarry, Richard A.; and Noiles, Douglas G., 4,509,518, Cl. 128-325.000.

Noirel, Maurice Y., to L'Etat Francais, represente par le Ministre des P.T.T. (Centre National d'Etudes des Telecommunications CNET). One-way data transmission systems. 4,496,975, 1-29-85, Cl. 358-147.000.

Noirel, Yves M.; Vardo, Jean-Claude; and Chevee, Gerard, to L'Etat Francais, represente par le Ministre des P.T.T. (Centre National d'Etudes des Telecommunications CNET); and Etablissement Public de Diffusion dit "Telediffusion de France". One-way data transmission system. 4,554,660, 11-19-85, Cl. 370-94.000.

Noiret, Jacques: *See—*

Dormal, Marc; and Noiret, Jacques, 4,529,525, Cl. 252-132.000.

Noji, Masahide: *See—*

Kidani, Yoshinori; and Noji, Masahide, 4,551,524, Cl. 536-121.000.

Noji, Takashi; Obata, Yoshiharu; and Higashi, Takayoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Input screen for an image intensifier tube and a method of making the same. 4,504,738, 3-12-85, Cl. 250-483.100.

Noji, Takashi; Harao, Norio; and Obata, Yoshiharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing a radiation excited input phosphor screen. 4,528,210, 7-9-85, Cl. 427-70.000.

Noji, Tasuku; and Hiyama, Torao, to Alps Electric Co., Ltd. High frequency circuit shielding structure having tuning coils double shielded. 4,494,095, 1-15-85, Cl. 334-85.000.

Noji, Tasuku; and Tobita, Katsumi, to Alps Electric Co., Ltd. CATV selection device. 4,514,757, 4-30-85, Cl. 358-86.000.

Nojima, Kazuhiro; Fujimoto, Hiroyuki; and Takahashi, Mikio, to Kanzaki Paper Manufacturing Co., Ltd. Method of producing cast coated paper and product thereof. 4,515,833, 5-7-85, Cl. 427-362.000.

Nojima, Masahiro: *See—*

Motoda, Masanori; Fujikawa, Atsunobu; Shuzuki, Shigeki; Suzuki, Junpei; and Nojima, Masahiro, 4,559,252, Cl. 428-57.000.

Nojima, Satoshi: *See—*

Takeyama, Akira; Tazaki, Kenshi; Nojima, Satoshi; Aritaka, Norihiro; and Mita, Teruyoshi, 4,542,496, Cl. 370-16.000.

Nojima, Shoshichi; and Nomura, Hiroaki, to Takeda Chemical Industries, Ltd. 2-methoxypropyl phosphate derivatives. 4,562,005, 12-31-85, Cl. 260-403.000.

Nojima, Yasuhiro: *See—*

Toyooka, Eietsu; Tomishima, Yoshio; and Nojima, Yasuhiro, 4,555,555, Cl. 526-62.000.

Nojiri, Hidetoshi: *See—*

Sakaki, Hiroyuki; Tanoue, Tomonori; and Nojiri, Hidetoshi, 4,553,317, Cl. 29-572.000.

Nojiri, Shoji: *See—*

Kano, Yoshiharu; Fujisawa, Makoto; Nojiri, Shoji; and Tanaka, Yoshikazu, 4,512,015, Cl. 370-110.100.

Nojiri, Tadao; Kanamaru, Kenji; Matsuyama, Masahiro; Nishikawa, Takayoshi; and Ito, Yoji, to Nippondenso Co., Ltd. Method and apparatus for controlling vehicle mounted devices and equipment. 4,503,528, 3-5-85, Cl. 367-198.000.

Nojiri, Tadao; Asada, Hiroshige; and Teraura, Nobuyuki, to Nippondenso Co., Ltd. Continuous speech recognition method and device. 4,530,110, 7-16-85, Cl. 381-43.000.

Nojiri, Takeo; and Irie, Yasuo, to Mitsui Engineering & Shipbuilding Co., Ltd. Propeller for ship. 4,514,146, 4-30-85, Cl. 416-200.00R.

Nokami, Junzo: *See—*

Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, 4,499,265, Cl. 544-16.000.

Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, 4,532,077, Cl. 260-245.400.

Nokata, Kenichiro: *See—*

Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,513,138, Cl. 546-48.000.

  - Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,545,880, Cl. 204-158.00R.
- Nolan, Daniel A.: *See—*
  - Bhagavatula, Venkata A.; and Nolan, Daniel A., 4,549,781, Cl. 350-96.300.
- Nolan, David C. Circuit tester for automotive electrical systems. 4,540,940, 9-10-85, Cl. 324-133.000.
- Nolan, Dennis C., to Allen-Bradley Company. Compensated ramp generating circuit for controlling SCR firing. 4,546,424, 10-8-85, Cl. 363-87.000.
- Nolan, Dennis C.: *See—*
  - Burns, James A.; and Nolan, Dennis C., 4,553,187, Cl. 361-96.000.
- Nolan, James D.; and Karlsson, Axel T. Apparatus for coating the glass envelope and predetermined portions of the end caps of a fluorescent lamp. 4,499,850, 2-19-85, Cl. 118-406.000.
- Nolan, James D. Methods of and apparatus for coating the glass envelope and predetermined portions of the end caps of a fluorescent lamp. 4,506,189, 3-19-85, Cl. 313-493.000.
- Nolan, James D.; and Karlsson, Axel T. Methods for coating the glass envelope and predetermined portions of the end caps of a fluorescent lamp. 4,507,332, 3-26-85, Cl. 427-67.000.
- Nolan, James M., Jr.: *See—*
  - Stiffler, Jack J.; Budwey, Michael J.; and Nolan, James M., Jr., 4,541,094, Cl. 371-68.000.
- Nolan, John J., to Sala Magnetics, Inc. Self-flushing magnetic separtor. 4,529,516, 7-16-85, Cl. 210-222.000.
- Nolan, Kenneth P.: *See—*
  - Duke, Alan H.; Hartung, Michael H.; Marschner, Frederick J.; and Nolan, Kenneth P., 4,500,954, Cl. 364-200.000.
  - Hartung, Michael H.; and Nolan, Kenneth P., 4,533,996, Cl. 364-200.000.
- Nolan, Richard H. Board game. 4,541,634, 9-17-85, Cl. 273-271.000.
- Nolan, Robert L., to Maxcap, Inc. Molding. 4,519,569, 5-28-85, Cl. 249-142.000.
- Nolan, Robert L., to Maxcap, Inc. Bottle caps. 4,550,843, 11-5-85, Cl. 215-252.000.
- Nolan, William D. Portable hair shampoo and scalp treatment basin. 4,512,043, 4-23-85, Cl. 4-516.000.
- Nold, Peter: *See—*
  - Eschmann, Friedrich; Gelsdorf, Gunter; Nold, Peter; Staats, Gotthard; and Subat, Gerhard, 4,508,504, Cl. 432-217.000.
- Nolde, Wolfgang: *See—*
  - Janta, Dieter; and Nolde, Wolfgang, 4,560,942, Cl. 329-101.000.
- Nolden, Wilhelm, to Abex Corporation. Hydraulic axial piston machine. 4,508,011, 4-2-85, Cl. 91-506.000.
- Nolek System AB: *See—*
  - Persson, John, 4,527,817, Cl. 285-96.000.
- Nolf, Jean M. E.: *See—*
  - Henry, Rene H.; and Nolf, Jean M. E., 4,518,448, Cl. 156-86.000.
- Nolff, Robert L., to Propane Carburetion Company, Inc. Bracket for supporting low pressure gas carburetor and components. 4,519,347, 5-28-85, Cl. 123-195.00A.
- Noll, Brian J.: *See—*
  - Noll, Robert W.; and Noll, Brian J., 4,537,347, Cl. 236-49.000.
- Noll, Gerhard: *See—*
  - Elter, Claus; Noll, Gerhard; Schoening, Josef; Schwiers, Hans-Georg; and Stracke, Wilfried, 4,543,232, Cl. 376-289.000.
- Noll, Klaus; Pedain, Josef; and Potter, Terry, to Bayer Aktiengesellschaft. Storage stable oligourethanes which are self cross-linking at elevated temperature or can be cross-linked with organic polyisocyanates, a process for their preparation and their use as binders or binder components. 4,559,397, 12-17-85, Cl. 528-45.000.
- Noll, Lee A., to Corning Glass Works. Cell culture using a monolithic support. 4,514,499, 4-30-85, Cl. 435-240.000.
- Noll, Marvin H. Apparatus and process for inserting inserts into envelopes. 4,525,986, 7-2-85, Cl. 53-569.000.
- Noll, Robert W. Thermally-powered control mechanism. 4,509,678, 4-9-85, Cl. 236-49.000.
- Noll, Robert W.; and Noll, Brian J. Bi-directional air diffuser. 4,537,347, 8-27-85, Cl. 236-49.000.
- Nolle, Hans-Heinrich: *See—*
  - Eibner, Robert; Nolle, Hans-Heinrich; Schneider, Alfred; and Kohl, Wilhelm, 4,525,197, Cl. 71-11.000.
- Nollkamper, Milton H., to Phillips Petroleum Company. Preheating of distillation feed. 4,501,657, 2-26-85, Cl. 208-350.000.
- Nolscher, Henryk: *See—*
  - Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.
- Nolta, Arthur H.: *See—*
  - Christian, John H.; Hartung, Michael H.; Nolta, Arthur H.; Reed, David G.; Rieck, Richard E.; and William, John S., 4,533,995, Cl. 364-200.000.
- Nolte, Albert; and Wallenfang, Gerd, to Klockner-Humboldt-Deutz AG. Governor for a diesel engine. 4,501,241, 2-26-85, Cl. 123-367.000.
- Nolte, David B., to Global Navigation, Inc. Cathode ray tube digital brightness control circuit. 4,527,197, 7-2-85, Cl. 358-168.000.
- Nolte, Kenneth G., to Standard Oil Company, The. Fracturing fluid breaker system which is activated by fracture closure. 4,506,734, 3-26-85, Cl. 166-308.000.
- Nolte, Lothar: *See—*
  - Roselt, Udo; Nolte, Lothar; and Pohler, Manfred, 4,514,206, Cl. 65-108.000.
- Nolte, Wilfried: *See—*
  - Musch, Rudiger; Gobel, Wilhelm; Konter, Wolfgang; and Nolte, Wilfried, 4,521,576, Cl. 526-213.000.
- Noltemeyer, Friedrich: *See—*
  - Gwinner, Dietrich; Merkle, Roland; and Noltemeyer, Friedrich, 4,561,388, Cl. 123-41.740.
- Nolting, Eugene C.: *See—*
  - Johnson, Gerald L.; Nolting, Eugene C.; and Allen, John H., 4,492,161, Cl. 101-109.000.
- Nolting, Peter; and Bleger, Claude, to Robert Bosch GmbH. Temperature sensing module. 4,516,106, 5-7-85, Cl. 338-28.000.
- Nolting, Rolf; and Siniza, Bernhard, to VEB Ingenieurbuero fuer Meliorationen. Control impulse intensifier. 4,515,175, 5-7-85, Cl. 137-107.000.
- Nolting, Wolfgang: *See—*
  - Liehr, Manfred R.; Nolting, Wolfgang; Kobs, Rolf U. D.; and Orlowski, Reiner U., 4,552,301, Cl. 228-263.120.
- Noma, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Electron beam exposure apparatus. 4,523,098, 6-11-85, Cl. 250-492.200.
- Noma, Koichi: *See—*
  - Mihara, Toshihiro; Kusuda, Takao; Noma, Koichi; and Taki, Hiromitsu, 4,504,218, Cl. 431-326.000.
- Noma, Toshiyuki: *See—*
  - Wakamori, Fumio; Noma, Toshiyuki; Adachi, Masao; Funabashi, Motohisa; and Suzuki, Masayoshi, 4,522,534, Cl. 405-37.000.
- Nomaki, Koji; Mase, Hiroshi; Sato, Yasuo; and Iga, Motoichi, to Asahi Glass Company Ltd. Process for producing a flat glass on a molten metal bath. 4,548,636, 10-22-85, Cl. 65-99.200.
- Nommensen, Ove: *See—*
  - Beaujean, Holger; Kamphausen, Willi; Niephaus, Dieter; and Nommensen, Ove, 4,493,434, Cl. 222-3.000.
- Nomori, Hiroyuki: *See—*
  - Abe, Naoto; Akimoto, Hidetoshi; and Nomori, Hiroyuki, 4,501,621, Cl. 134-17.000.
  - Fujimaki, Yoshihide; Takei, Yoshiaki; and Nomori, Hiroyuki, 4,540,651, Cl. 430-72.000.
  - Matsuzaki, Masatoshi; Yamazaki, Toshinori; Myokan, Isao; Shima, Tetsuo; and Nomori, Hiroyuki, 4,495,262, Cl. 430-58.000.
  - Matsuzaki, Masatoshi; Yamazaki, Toshinori; and Nomori, Hiroyuki, 4,518,670, Cl. 430-58.000.
  - Moriguchi, Hiroyuki; Matsumoto, Masanori; Nishiwaki, Akira; Morohoshi, Yasuo; and Nomori, Hiroyuki, 4,551,303, Cl. 420-590.000.
  - Yamazaki, Toshinori; Nomori, Hiroyuki; Matsuzaki, Masatoshi; Shima, Tetsuo; and Myokan, Isao, 4,510,224, Cl. 430-57.000.
- Nomoto, Isami: *See—*
  - Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.
- Nomoto, Kiyoshi: *See—*
  - Morikawa, Yoshitsugu; Nomoto, Kiyoshi; and Okada, Kenichi, 4,527,021, Cl. 200-5.00A.
- Nomoto, Reishi; Takahashi, Masayoshi; and Ebata, Yoshikazu, to Janome Sewing Machine Co. Ltd. Suturing instrument for surgical operation. 4,553,544, 11-19-85, Cl. 128-340.000.
- Nomoto, Reishi: *See—*
  - Eguchi, Yasukata; Nomoto, Reishi; and Takahashi, Masayoshi, 4,527,564, Cl. 128-339.000.
- Nomoto, Sadao; and Iida, Kazuyoshi, to Bridgestone Tire Company Limited. Method and apparatus for forming photographic record of sound field. 4,509,061, 4-2-85, Cl. 346-107.00R.
- Nomoto, Seiichiro: *See—*
  - Machida, Yoshimasa; Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Kitoh, Kyosuke; and Saito, Isao, 4,546,176, Cl. 544-21.000.
  - Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Machida, Yoshimasa; Saito, Isao; and Kitoh, Kyosuke, 4,513,145, Cl. 549-402.000.
- Nomoto, Shinobu: *See—*
  - Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanahata, Toshio, 4,542,406, Cl. 358-141.000.
- Nomoto, Takashi: *See—*
  - Maeda, Tetsuro; Okamoto, Akihiro; Shimizu, Yoshimitsu; and Nomoto, Takashi, 4,533,698, Cl. 525-73.000.
- Nomoto, Tsugio: *See—*
  - Ichizawa, Yoshiyuki; Nomoto, Tsugio; and Oshida, Mamoru, 4,514,166, Cl. 425-436.00R.
- Nomtak, Ants. Method of making a vessel for molten metal. 4,532,092, 7-30-85, Cl. 264-30.000.
- Nomura, Akihiko; and Fujii, Masahiko, to Toyo Soda Manufacturing Co., Ltd. Process for preventing agglomeration of powders by using triethylenediamine polymers. 4,559,384, 12-17-85, Cl. 524-612.000.
- Nomura, Akihiro: *See—*
  - Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, 4,551,000, Cl. 355-3.00R.
- Nomura, Akira: *See—*
  - Enomoto, Hiroshi; Kawamata, Masanobu; Nomura, Akira; Aoyagi, Yoshiaki; and Ueda, Fusao, 4,532,238, Cl. 514-245.000.
- Nomura, Etsuji: *See—*
  - Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, 4,519,820, Cl. 55-284.000.
- Nomura, Etuzo: *See—*
  - Kawaguchi, Hideo; and Nomura, Etuzo, 4,541,347, Cl. 112-121.110.
- Nomura, Hiroaki: *See—*
  - Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, 4,542,219, Cl. 546-22.000.

Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, 4,551,532, Cl. 546-22.000.

Nojima, Shoshichi; and Nomura, Hiroaki, 4,562,005, Cl. 260-403.000.

Nomura, Hirokazu: *See—*

Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.

Ueno, Susumu; Nomura, Hirokazu; and Imada, Kiyoshi, 4,548,867, Cl. 428-409.000.

Ueno, Susumu; and Nomura, Hirokazu, 4,560,458, Cl. 204-165.000.

Nomura, Hiroshi, to Diesel Kiki Co., Ltd. Swash-plate type compressor having improved lubrication of swash plate and shoes. 4,522,112, 6-11-85, Cl. 92-71.000.

Nomura, Hiroyuki: *See—*

Noso, Kazunori; Kishi, Norimasa; Futami, Toru; Nomura, Hiroyuki; and Shiraishi, Yasuhiro, 4,506,378, Cl. 381-43.000.

Nomura, Isao: *See—*

Shimizu, Senzo; Nomura, Isao; Yamamiya, Kazuo; and Masuda, Tsuneaki, 4,500,668, Cl. 524-427.000.

Nomura, Isshi, to Aisin Seiki Kabushiki Kaisha. Carburetor. 4,519,367, 5-28-85, Cl. 123-440.000.

Nomura, Ken: *See—*

Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.

Nomura, Kenji; Yamakage, Tetsuro; and Noro, Katsuyoshi, to Toyoda Koki Kabushiki Kaisha. Pallet changer. 4,498,571, 2-12-85, Cl. 198-339.000.

Nomura, Masami, to Mitsubishi Denki Kabushiki Kaisha. AC elevator control system. 4,503,938, 3-12-85, Cl. 187-29.00R.

Nomura, Masami, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for controlling an AC power elevator. 4,527,663, 7-9-85, Cl. 187-29.00R.

Nomura, Masami, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for controlling an A-C power elevator. 4,545,464, 10-8-85, Cl. 187-29.00R.

Nomura, Masami, to Mitsubishi Denki Kabushiki Kaisha. AC elevator control system. 4,548,299, 10-22-85, Cl. 187-29.00R.

Nomura, Mitugu: *See—*

Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,088, Cl. 204-182.500.

Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,091, Cl. 204-301.000.

Nomura, Noboru; Hirota, Eiichi; and Wasa, Kiyotaka, to Matsushita Electric Industrial Co., Ltd. Magnetic head incorporating an amorphous magnetic metallic film having a thickness equal to a track width. 4,535,376, 8-13-85, Cl. 360-126.000.

Nomura, Noboru: *See—*

Kaminaka, Nobuyuki; Kanai, Kenji; Nomura, Noboru; and Omata, Yuji, 4,504,540, Cl. 428-195.000.

Kaminaka, Nobuyuki; Kanai, Kenji; and Nomura, Noboru, 4,558,385, Cl. 360-126.000.

Nomura, Norimasa: *See—*

Taniguchi, Hiroshi; Takita, Nobuhiro; Nomura, Norimasa; and Mizuta, Masaji, 4,527,878, Cl. 354-298.000.

Nomura, Ryoichi: *See—*

Hokamura, Sadakazu; Shinohara, Toshio; Nomura, Ryoichi; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,505,954, Cl 427-380.000.

Nomura, Setsuo; Tonomura, Akira; Hamamoto, Nobuo; and Fukuhara, Akira, to Hitachi, Ltd. Electron holography microscope. 4,532,422, 7-30-85, Cl. 250-306.000.

Nomura, Soichi: *See—*

Ohmori, Tadashi; Fujiso, Tokuo; Yasui, Eiji; Nomura, Soichi; and Aizawa, Yukio, 4,537,872, Cl. 502-230.000.

Nomura, Susumu; and Sato, Katsuharu, to Pioneer Video Corporation. Error detecting system of video/audio disc player. 4,513,408, 4-23-85, Cl. 369-46.000.

Nomura, Susumu: *See—*

Katsuki, Kosuke; Nishioka, Youiti; and Nomura, Susumu, 4,521,931, Cl. 8-149.200.

Nomura, Tadatoshi: *See—*

Enomoto, Hiroshi; Nomura, Tadatoshi; Aoyagi, Yoshiaki; Chokai, Shoichi; Kono, Tatsuhiko; Murase, Masao; Inoue, Kichiro; and Adachi, Masahiro, 4,526,894, Cl. 514-312.000.

Nomura, Takanobu: *See—*

Tsuchie, Masahiro; Takeoka, Tomihiko; and Nomura, Takanobu, 4,491,844, Cl. 343-713.000.

Nomura, Takeo: *See—*

Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, 4,515,785, Cl. 424-195.100.

Shimizu, Masaki; and Nomura, Takeo, 4,536,496, Cl. 514-54.000.

Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, 4,537,774, Cl. 424-195.100.

Nomura, Takeshi; Maruyama, Kouji; Ueno, Hiroshi; and Inaba, Naomi, to Toa Nenryo Kogyo Kabushiki Kaisha. Catalyst component for polymerization of olefins. 4,544,648, 10-1-85, Cl. 502-119.000.

Nomura, Toshiaki: *See—*

Yoshida, Kei; Murokawa, Masayuki; and Nomura, Toshiaki, 4,501,090, Cl. 49-264.000.

Nomura, Toshio; Imai, Yasuhiro; Aoi, Tomio; Nakajima, Tetsuo; and Irin Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Mixture control apparatus for carburetor. 4,498,440, 2-12-85, Cl. 123-438.000.

Nomura, Toshio; Taguchi, Eiji; and Aoi, Tomio, to Honda Giken Kogyo Kabushiki Kaisha. Fuel injection apparatus for internal combustion engine. 4,538,577, 9-3-85, Cl. 123-452.000.

Nomura, Tutomu: *See—*

Kubo, Osamu; Ido, Tadashi; Nomura, Tutomu; and Maeda, Tatsumi, 4,493,874, Cl. 428-403.000.

Nomura, Yoshihisa; Watanabe, Shingo; and Yamamoto, Shoichi, to Toyota Jidosha Kabushiki Kaisha; and Aisan Kogyo Kabushiki Kaisha. Diaphragm fluid pump. 4,541,788, 9-17-85, Cl. 417-471.000.

Nomura, Yoshihisa; Katagiri, Masayoshi; and Sakakibara, Shigemi, to Toyota Jidosha Kabushiki Kaisha. Intermediate-lever device for a parking brake system. 4,548,093, 10-22-85, Cl. 74-512.000.

Nomura, Yoshihisa: *See—*

Kondo, Hiroyuki; Yoshimura, Yoshikane; and Nomura, Yoshihisa, 4,527,709, Cl. 220-22.000.

Nomura, Yoshika; Sano, Susumu; and Shoji, Sadahiro, to Honshu Seishi Kabushiki Kaisha. Packaging paper and packaging material for packaging metallic material and method of producing the same. 4,559,103, 12-17-85, Cl. 162-160.000.

Nomura, Yoshisaburo: *See—*

Yamada, Koichi; Mouri, Masahide; and Nomura, Yoshisaburo, 4,562,040, Cl. 419-23.000.

Nomura, Yoshiyuki; Okuda, Kanemasa; and Ishii, Hisao, to Fanuc Ltd. Wire-cut, electric discharge machining method. 4,544,819, 10-1-85, Cl. 219-69.00W.

Nomura, Yoshiyuki: *See—*

Katsube, Hideo; Gamo, Gotaro; Kinoshita, Mitsuo; and Nomura, Yoshiyuki, 4,506,129, Cl. 219-69.00W.

Nomura, Yukihiro: *See—*

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Kouji; and Higashine, Seiji, 4,524,080, Cl 426-236.000.

Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, 4,557,939, Cl. 426-473.000.

Nomura, Yukio: *See—*

Higuchi, Seizun; Ooga, Tomonari; Tsukamoto, Yukio; Kamada, Minoru; and Nomura, Yukio, 4,501,802, Cl. 428-629.000.

Nonaka, Chiaki, to Sony Corporation. Apparatus for optically reproducing an information signal recorded on a record disc. 4,512,004, 4-16-85, Cl. 369-45.000.

Nonaka, Chiaki: *See—*

Fujiie, Kazuhiko; and Nonaka, Chiaki, 4,497,047, Cl. 369-45.000.

Higashihara, Teruaki; Nonaka, Chiaki; Yoshida, Tadao; and Kawachi, Hideo, 4,519,057, Cl. 369-50.000.

Higashihara, Teruaki; Yoshida, Tadao; Kawachi, Hideo; and Nonaka, Chiaki, 4,530,073, Cl. 369-50.000.

Nonaka, Kei, to Kabushiki Kaisha Daini Seikosha. Electronic clinical thermometer. 4,505,599, 3-19-85, Cl. 374-163.000.

Nonaka, Terumoto, to Nippon Gakki Seizo Kabushiki Kaisha. Dynamic MOS circuit block and static bipolar transistor circuit block integrated circuit device. 4,525,639, 6-25-85, Cl. 307-446.000.

Nonaka, Toshihiko; and Toda, Tetsuo, to Honda Giken Kogyo Kabushiki Kaisha. Instrument panel device for vehicles. 4,559,868, 12-24-85, Cl. 98-2.080.

Nonaka, Toshio; Nakamura, Hiroshi; and Yamagishi, Choho, to Oki Electric Industry Co., Ltd. Method of forming ohmic contact on GaAs by Ge film and implanting impurity ions therethrough. 4,540,446, 9-10-85, Cl. 148-1.500.

Nonaka, Yuji: *See—*

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.

Nonaka, Yunji: *See—*

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yunji; and Nakanishi, Akira, 4,551,169, Cl. 71-94.000.

Nonaka, Zenichiro: *See—*

Kato, Yoshinori; Matsui, Makoto; and Nonaka, Zenichiro, 4,509,638, Cl. 198-486.000.

Nonat, Jean-Pierre: *See—*

Ugon, Michel; and Nonat, Jean-Pierre, 4,523,297, Cl. 364-900.000.

Nongbri, Govanon: *See—*

Chervenak, Michael C.; Eccles, Richard M.; and Nongbri, Govanon, 4,521,295, Cl. 208-59.000.

Nonis, Italo. Multi-purpose spray gun. 4,502,640, 3-5-85, Cl. 239-346.000.

Nonnecke, Ernst A. Ship hull for single-screw vessel, twin-screw vessel with two aftbodies and catamaran. 4,538,537, 9-3-85, Cl. 114-57.000.

Nonnenmacher, Gerhard, to Robert Bosch GmbH. Control device for maintaining the product of the lifting pressure and lifting volume times flow constant in an adjustable pump. 4,496,290, 1-29-85, Cl. 417-220.000.

Nonnenmacher, Gerhard, to Robert Bosch GmbH. Arrangement for regulating a supply flow and for limiting a supply pressure of an adjustable pump. 4,518,322, 5-21-85, Cl. 417-222.000.

Nonnenmacher, Gerhard: *See—*

Knodel, Emil; and Nonnenmacher, Gerhard, 4,509,902, Cl 417-216.000.

Nonnenmann, Manfred; Hesse, Wolfgang; Haller, Klaus; and Bardong, Helmut, to Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co KG. Process for manufacturing a cartridge for purifying exhaust gas. 4,519,120, 5-28-85, Cl. 29-157.00R.

Nonnenmann, Manfred; Oltmanns, Heinrich; and Hohhausel, Manfred, to SueddeutscheKuhlerfabrik Julius Fr. Behr GmbH & Co. KG. Method for manufacturing a catalytic reactor carrier matrix. 4,521,947, 6-11-85, Cl. 29-157.00R.

- Nonnenmann, Wolfgang: *See—*
  - Pischke, Jurgen; and Nonnenmann, Wolfgang, 4,525,783, Cl. 364-431.110.
- Nonogaki, Saburo; Hayashi, Nobuaki; and Tomita, Yoshifumi, to Hitachi, Ltd. Process of forming powder pattern using positive diazonium salt photoresist. 4,537,851, 8-27-85, Cl. 430-144.000.
- Nonogaki, Saburo: *See—*
  - Morishita, Hajime; Akagi, Motoo; Nonogaki, Saburo; Hayashi, Nobuaki; and Uchino, Shoichi, 4,510,226, Cl. 430-144.000.
  - Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, 4,520,094, Cl. 430-144.000.
- Nonoguchi, Hiroshi: *See—*
  - Fukunaga, Masao; and Nonoguchi, Hiroshi, 4,543,968, Cl. 132-33.00R.
- Nonomura, Arthur M.; and Pappo, Raphael, to Pappo, Raphael. Composition of matter from *Cryptosiphonia woodii* useful for the treatment of herpes simplex virus. 4,522,814, 6-11-85, Cl. 514-54.000.
- Nonomura, Keisaku: *See—*
  - Takamatsu, Toshiaki; and Nonomura, Keisaku, 4,511,217, Cl. 350-336.000.
- Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, to Matsushita Electric Industrial Co., Ltd. Electrode construction and method of making the same. 4,493,666, 1-15-85, Cl. 445-24.000.
- Nonomura, Kinzo: *See—*
  - Irie, Hiroyuki; Ide, Susumu; Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,542,322, Cl. 315-366.000.
- Nonomura, Osamu: *See—*
  - Nishizawa, Toshio; Kamata, Keiji; Nonomura, Osamu; and Fukushi, Yutaka, 4,491,061, Cl. 98-34.600.
- Nonoyama, Makoto: *See—*
  - Nagashima, Masayoshi; Yamane, Hiroshi; Nonoyama, Makoto; and Tashiro, Tsuneo, 4,542,387, Cl. 346-76.0PH.
- Noodle Corporation: *See—*
  - Martin, Jack E., 4,502,843, Cl. 417-56.000.
- Nooijen, Godefridus A. H.: *See—*
  - van de Leemput, Lambertus J. M. A.; Nooijen, Godefridus A. H.; and van der Loo, Hendrikus W., 4,504,592, Cl. 502-104.000.
- Noomen, Pieter J., to Douwe Egberts Koninklijke Tabaksfabrien-Koffiebranderijen-Theehandel B.V. Timed-dispensing method and apparatus. 4,550,858, 11-5-85, Cl. 222-1.000.
- Noon, Robert A.: *See—*
  - Kay, Ian T.; and Noon, Robert A., 4,506,084, Cl. 549-74.000.
  - Kay, Ian T.; and Noon, Robert A., 4,515,959, Cl. 548-378.000.
  - Kay, Ian T.; and Noon, Robert A., 4,552,887, Cl. 514-381.000.
- Noonan, Carroll: *See—*
  - Gale, Ronald S.; Bristol, William E.; and Noonan, Carroll, 4,537,586, Cl. 493-220.000.
- Noonan, Daniel T.: *See—*
  - Kockler, Barry C.; Dobson, John E.; and Noonan, Daniel T., 4,552,497, Cl. 412-6.000.
- Noonan, David, Jr. Foot pattern device. 4,521,171, 6-4-85, Cl. 425-2.000.
- Noonan, Denise J.: *See—*
  - Russell, John L., Jr.; and Noonan, Denise J., 4,516,535, Cl. 128-1.100.
- Noord-Nederlandsche Machinefabriek B.V.: *See—*
  - van Os, Cornelis J., 4,515,536, Cl. 417-394.000.
- Noordam, Arend, to Shell Oil Company. 2-hydroxypropane sulphonic acid derivatives: their preparation and curable compositions thereof. 4,514,547, 4-30-85, Cl. 525-510.000.
- Nooter Corporation: *See—*
  - Meyer, John J.; and Barth, Stanley D., 4,535,214, Cl. 219-60.200.
- Nopper, Guido H.: *See—*
  - Lindstedt, Guenter; and Nopper, Guido H., 4,517,529, Cl. 331-1.00A.
- Noptel Ky: *See—*
  - Ahola, Raimo; Kopola, Harri; and Myllyla, Risto, 4,553,943, Cl. 434-22.000.
- Norand Corporation: *See—*
  - Koenck, Steven E., 4,553,081, Cl. 320-43.000.
- Noranda Inc: *See—*
  - O'Hanlon, Thomas A., 4,540,056, Cl. 175-393.000.
- Noranda Inc.: *See—*
  - Gervais, Edouard; and Levert, Henri, 4,549,598, Cl. 164-66.100.
  - Mackey, Phillip J.; and Bailey, J. Barry W., 4,504,309, Cl. 75-72.000.
  - Mackey, Phillip J.; and Bailey, J. Barry W., 4,544,141, Cl. 266-215.000.
- Noranda Metal Industries, Inc.: *See—*
  - Carnavos, Theodore C., 4,554,969, Cl. 165-154.000.
- Norandex Inc.: *See—*
  - Smyth, Laurence C., 4,554,123, Cl. 264-166.000.
- Norandy, Incorporated: *See—*
  - Andrews, Norwood H., 4,504,017, Cl. 241-40.000.
- Norback, Per, to AB Carl Munters. Method for drying gas and device for the implementation thereof. 4,529,420, 7-16-85, Cl. 55-181.000.
- Norbar Torque Tools Limited: *See—*
  - Wise, Douglas F., 4,541,313, Cl. 81-478.000.
- Norbeck, Dean K.; and Schnetzka, Harold R., to Borg-Warner Corporation. Trigger circuit for solid state switch. 4,554,463, 11-19-85, Cl. 307-252.00H.
- Norbeck, Dean K.: *See—*
  - Schnetzka, Harold R.; Wills, Frank E.; and Norbeck, Dean K., 4,499,534, Cl. 363-129.000.
- Norberg, Anna K. E.: *See—*
  - Inculet, Ion I.; Norberg, Anna K. E.; and Hepher, Nicholas M., 4,517,078, Cl. 209-127.300.
- Norbert, John: *See—*
  - Voigt, Karl; Kamm, Jurgen; and Norbert, John, 4,555,994, Cl. 110-261.000.
- Norbisrath, Max: *See—*
  - Grebe, Reiner; Norbisrath, Max; and Schmidt, Karl-Heinz, 4,520,963, Cl. 241-30.000.
- Norchem, Inc.: *See—*
  - Bosen, Sidney F.; and Perlson, Bruce D., 4,545,925, Cl. 252-389.00A.
- Norchem, Inc. formerly Northern Petrochemical Company: *See—*
  - Foster, Ronald H., 4,561,920, Cl. 156-244.110.
- Norcliff Thayer, Inc.: *See—*
  - Flynn, Robert G.; Pitkin, Courtney G.; and Hileman, Gregory A., 4,536,399, Cl. 514-63.000.
- Norcross, Charles E., to C. S. Norcross & Sons. Slack adjuster. 4,499,978, 2-19-85, Cl. 188-79.50K.
- Nord, Dan; and Johansson, Ingvar. Device for the separation of a liquid. 4,507,202, 3-26-85, Cl. 210-391.000.
- Nord, Keith W., to Ex-Cell-O Corporation. Robot joint. 4,515,039, 5-7-85, Cl. 74-665.00C.
- Nord, Keith W.: *See—*
  - Bacon, Forrest C.; and Nord, Keith W., 4,499,704, Cl. 53-156.000.
- Nordale Incorporated: *See—*
  - Erickson, Dale C.; and Erickson, Norton J., 4,534,828, Cl. 159-16.100.
- Nordberg, Robert B., to Magnetic Peripherals Inc. Flatness measuring apparatus. 4,560,924, 12-24-85, Cl. 324-61.00R.
- Nordbrock, Raymond E.; and Spears, Richard L., to Motorola, Inc. Multiple output alternator system. 4,517,507, 5-14-85, Cl. 322-28.000.
- Norddeutsche Affinerie AG: *See—*
  - Ploss, Hartmut, 4,560,702, Cl. 514-493.000.
- Norde, Herman: *See—*
  - Tove, Per-Arne; Bohlin, Kjell; Stolt, Lars; and Norde, Herman, 4,554,569, Cl. 357-15.000.
- Norde Suspensions Limited: *See—*
  - Harle, Christopher N., 4,506,908, Cl. 280-677.000.
- Norden, Alexander R. Sticks of parts and their use. 4,500,579, 2-19-85, Cl. 428-43.000.
- Norden, Jurgen: *See—*
  - Aigner, Heinrich; Merget, Norbert; Norden, Jurgen; Schweppe, Manfred; and Wetter, Klaus, 4,505,732, Cl. 71-11.000.
- Norden Laboratories, Inc.: *See—*
  - Kucera, Carrell J., 4,506,017, Cl. 435-253.000.
  - Kucera, Carrell J., 4,559,306, Cl. 435-253.000.
- Norden Packaging Machinery AB: *See—*
  - Linner, Hans, 4,511,426, Cl. 156-497.000.
- Nordica S.p.A.: *See—*
  - Borsoi, Bruno, 4,523,395, Cl. 36-119.000.
  - Perotto, Riccardo, 4,499,675, Cl. 36-119.000.
  - Pozzobon, Alessandro, 4,519,149, Cl. 36-121.000.
  - Vaccari, Franco; and Balbinot, Renzo, 4,507,877, Cl. 36-2.600.
- Nordin, Olof; and Forsberg, Soren, to Forsheda AB. Combination mould portion and protective element for pipe. 4,522,669, 6-11-85, Cl. 156-157.000.
- Nordine, Clifford. Wood fired boiler. 4,497,262, 2-5-85, Cl. 110-234.000.
- Nordipa AG: *See—*
  - de Vroom, Hubertus M., 4,497,851, Cl. 427-147.000.
- Nordischer Maschinenbau Rud. Baader GmbH & Co. KG: *See—*
  - Wenzel, Werner, 4,557,020, Cl. 17-55.000.
- Nordiskafilt AB: *See—*
  - Osterberg, Lars B., 4,501,303, Cl. 139-425.00A.
- Nordlie, Lawrence A.: *See—*
  - Golino, Carlo M.; Lachman, Irwin M.; and Nordlie, Lawrence A., 4,532,228, Cl. 502-261.000.
- Nordling, Karl I., to Kinex Corporation. High speed digital modem. 4,514,825, 4-30-85, Cl. 364-900.000.
- Nordlof, Richard D. Stock reel dancer. 4,555,071, 11-26-85, Cl. 242-75.500.
- Nordmeyer, Francis R.; and Hansen, Lee D., to Brigham Young University. Dialyzing injection system for instrumental detection. 4,491,011, 1-1-85, Cl. 73-61.10C.
- Nordquist, Albert W.: *See—*
  - Feagans, Frederick C.; and Nordquist, Albert W., 4,500,756, Cl. 200-5.00A.
- Nordquist, Dennis D.; and Vandewege, Derron G., to Idea Development Engineers of Arizona, Inc. Louver system. 4,503,755, 3-12-85, Cl. 98-110.000.
- Nordson Corporation: *See—*
  - Baker, Robert G., 4,518,016, Cl. 138-96.00R.
  - Boone, Jacob J.; and Stoudt, George W., 4,542,045, Cl. 427-236.000.
  - Cobbs, Walter H., Jr.; and Rehman, William R., 4,505,406, Cl. 222-135.000.
  - Cobbs, Walter H., Jr.; and Rehman, William R., 4,505,957, Cl. 427-422.000.
  - Cobbs, Walter H., Jr.; and Rehman, William R., 4,515,836, Cl. 427-425.000.
  - Cobbs, Walter H., Jr.; and Rehman, William R., 4,527,712, Cl. 222-1.000.
  - Cobbs, Walter H., Jr., 4,560,594, Cl. 428-1.000.
  - Donges, William E., 4,546,414, Cl. 361-413.000.
  - Harjar, Martin J., 4,552,502, Cl. 414-680.000.

- Hastings, Donald R.; Herstek, Glen A.; and Scarbrough, Don R., 4,543,710, Cl. 29-613.000.
- Hollingsworth, Alexander, 4,513,560, Cl. 53-509.000.
- Jameson, Calvin R., 4,535,919, Cl. 222-190.000.
- Jameson, Calvin R.; and Baker, Robert G., 4,553,023, Cl. 219-301.000.
- Jones, Stephen H., 4,535,582, Cl. 53-52.000.
- Kennon, James L.; Sieminski, Richard; Sharpless, John; and Scharf, Donald, 4,538,542, Cl. 118-302.000.
- Langer, Alfred, 4,550,642, Cl. 91-346.000.
- Matt, Timothy S., 4,500,937, Cl. 361-153.000.
- McGhee, Edward C.; and Beam, Harold D., 4,502,629, Cl. 239-3.000.
- Mulder, Douglas C., 4,505,623, Cl. 406-114.000.
- Mulder, Douglas C., 4,543,274, Cl. 427-197.000.
- Mulder, Douglas C.; and O'Ryan, David E., 4,561,380, Cl. 118-688.000.
- Navarro, Richard R., 4,562,088, Cl. 427-8.000.
- Plunkett, Robert T.; and Inculet, Ion I., 4,544,570, Cl. 427-27.000.
- Regan, Donald J., deceased, 4,535,719, Cl. 118-410.000.
- Rehman, William R.; and Smith, James C., 4,553,701, Cl. 239-432.000.
- Sharpless, John, 4,543,909, Cl. 118-326.000.
- Simashkevich, Richard M.; and Sharp, William J., 4,534,106, Cl. 29-613.000.
- Simashkevich, Richard M.; and Sharp, William J., 4,544,100, Cl. 239-407.000.
- Sticher, Charles K., Jr.; and Hartley, Michael D., 4,547,657, Cl. 219-492.000.
- Tank, Gene F.; Dawson, Samuel O.; and Barnett, Phillip R., 4,498,913, Cl. 55-356.000.
- Turner, Herman E., Jr.; and Shanaberger, Jan L., 4,547,120, Cl. 414-744.00R.

Nordstrom, Arnold B., to Ancra Corporation. Side guide for cargo loading system. 4,530,483, 7-23-85, Cl. 248-500.000.

Nordstrom, Arnold B., to Ancra Corporation. End stop for cargo loading system. 4,540,080, 9-10-85, Cl. 193-40.000.

Nordstrom, Duane M., to Longview Fibre Company. Method and apparatus for making multiple ply paperboard. 4,500,381, 2-19-85, Cl. 156-205.000.

Nordstrom, Jon T.: *See—*
- Logan, Max C.; and Nordstrom, Jon T., 4,512,161, Cl. 62-176.600.
- Logan, Max C.; and Nordstrom, Jon T., 4,526,011, Cl. 62-176.100.

Nordstrom, Kurt: *See—*
- Uhlin, Bernt E.; Nordstrom, Kurt; and Molin, Soeren, 4,495,287, Cl. 435-231.000.
- Uhlin, Bernt E.; Nordstrom, Kurt; and Molin, Soeren, 4,499,189, Cl. 435-253.000.

Nordstrom, Larry A.: *See—*
- Fuller, Robert P.; and Nordstrom, Larry A., 4,559,478, Cl. 315-224.000.

Nordstrom, Lennart, to Saab-Scania Aktiebolag. Attitude director indicator. 4,513,509, 4-30-85, Cl. 33-330.000.

Nordstrom, Lennart; and Savstrom, Tommy, to Saab-Scania Aktiebolag. Controller. 4,531,080, 7-23-85, Cl. 318-628.000.

Nordstrom, Lennart: *See—*
- Scholdstrom, Ragnar; Marcus, Holger; and Nordstrom, Lennart, 4,508,448, Cl. 356-5.000.

Nordtend A/S: *See—*
- Hansen, Helge; Nystrom, Borje; and Torneng, Eyvin, 4,534,976, Cl. 514-169.000.

Nordvall, Jan O.: *See—*
- Blomkvist, Kent; and Nordvall, Jan O., 4,506,554, Cl. 73-862.360.

Noreikat, Karl-Ernst: *See—*
- Hafner, Gunther; Noreikat, Karl-Ernst; Schmidt, Hans-Dieter; Letsche, Ulrich; and Bauer, Bernhard, 4,546,426, Cl. 364-153.000.

Norel, Guy: *See—*
- Desbrandes, Robert; and Norel, Guy, 4,495,605, Cl. 367-33.000.

Norell, Ronald A., to Burroughs Corporation. Machine for filling via holes in an integrated circuit package with conductive ink. 4,519,760, 5-28-85, Cl. 425-113.000.

Norem, Stanley D.: *See—*
- Hill, Harold I.; Norem, Stanley D.; and Targowski, Roger, 4,537,572, Cl. 432-55.000.

Noren, Gerry K., to DeSoto, Inc. Comb cationic polymers and aqueous dispersions thereof. 4,501,855, 2-26-85, Cl. 525-218.000.

Noren, Gerry K.; Poklacki, Erwin S.; Hawker, Fred D.; and Sich, Janice M., to DeSoto, Inc. Preparation of isocyanate-terminated polyurethanes containing amino silanes. 4,508,889, 4-2-85, Cl. 528-28.000.

Noren, Gerry K.; and Clifton, Mary F., to DeSoto, Inc. Polydimethylsiloxane-modified polyepoxides. 4,520,144, 5-28-85, Cl. 523-435.000.

Noren, Gerry K.: *See—*
- Lewarchik, Ronald J.; Noren, Gerry K.; Metcalfe, Ronald; Bonin, Demetrius J.; and Poklacki, Erwin S., 4,530,977, Cl. 525-443.000.
- Zimmerman, John M.; Krajewski, John J.; and Noren, Gerry K., 4,562,235, Cl. 526-304.000.

Noren, Jan O.: *See—*
- Helgstrand, Ake J. E.; Johansson, Karl N. G.; Misiorny, Alfons; Noren, Jan O.; and Stening, Goran B., 4,536,400, Cl. 514-120.000.

Noren, Per-Olle, to Holmens Bruk Aktiebolag; and L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Use of substances giving off oxygen in reduction of dark coloring of pulp. 4,532,007, 7-30-85, Cl. 162-161.000.

Noren, Tommy: *See—*
- Aule, Olaf; and Noren, Tommy, 4,542,034, Cl. 426-522.000.

Norenburg, Johannes, to Stone & Webster Engineering Corporation. Apparatus and method for recovering light hydrocarbons from hydrogen containing gases. 4,496,381, 1-29-85, Cl. 62-30.000.

Norfleet, James: *See—*
- Clipper, Donald; and Norfleet, James, 4,537,778, Cl. 424-53.000.

Norgard, Michael V.: *See—*
- Kettman, John R.; and Norgard, Michael V., 4,514,498, Cl. 435-240.000.

Norhtern Telecom Limited: *See—*
- Wetzel, David L., 4,499,338, Cl. 179-99.00E.

Norigoe, Takashi: *See—*
- Ochiai, Kuniaki; Norigoe, Takashi; and Iinuma, Masayuki, 4,547,085, Cl. 400-124.000.

Norin, Mats; and Persson, Lars-Olov, to Pressmaster Tool AB. Combination wire stripping and cutting tool. 4,503,574, 3-12-85, Cl. 7-107.000.

Norioka, Setsuo: *See—*
- Nakagawa, Seiichi; and Norioka, Setsuo, 4,547,669, Cl. 250-310.000.

Noristan Limited: *See—*
- Fourie, Theunis G.; Dekker, Theodor G.; Snyckers, Friedrich O.; and van der Schyf, Cornelis J., 4,503,256, Cl. 568-331.000.

Noristi, Luciano: *See—*
- Banzi, Viviano; Barbe, Pier C.; and Noristi, Luciano, 4,529,716, Cl. 502-121.000.

Noritake Co., Limited: *See—*
- Hattori, Yoshiaki; and Ishihara, Makoto, 4,552,329, Cl. 249-134.000.
- Ishikawa, Tadayuki, 4,536,195, Cl. 51-293.000.

Noritake Diamond Industries Co., Ltd.: *See—*
- Ishikawa, Tadayuki, 4,536,195, Cl. 51-293.000.

Noritsu Kenkyu Center Co. Ltd.: *See—*
- Mihara, Nobuaki, 4,502,772, Cl. 354-312.000.
- Mukae, Toshiyuki; and Azuma, Yoshifumi, 4,521,105, Cl. 355-64.000.

Norizuki, Senichiro: *See—*
- Yamamoto, Osamu; and Norizuki, Senichiro, 4,534,108, Cl. 7-152.000.
- Yamamoto, Osamu; and Norizuki, Senichiro, 4,561,182, Cl. 30-433.000.

Norlander, Norman E. Vise for small objects. 4,544,145, 10-1-85, Cl. 269-69.000.

Norley, Ronald R.; Sendelweck, Gene K.; and Chen, Keming J., to RCA Corporation. On-screen display. 4,549,218, 10-22-85, Cl. 358-243.000.

Norlin Industries Inc.: *See—*
- Hall, George R.; Hall, Robert J.; and Cookerly, Jack C., 4,508,002, Cl. 84-1.030.
- Hall, Robert J.; Hall, George R.; and Cookerly, Jack C., 4,519,286, Cl. 84-1.030.

Norling, Thomas B.; Polkowski, Joseph H.; Poulsen, Jeffrey A.; and Robinson, Daniel E., to GK Technologies, Incorporated. Remotely controlled crossconnection system. 4,533,914, 8-6-85, Cl. 340-825.790.

Normalair-Garrett (Holdings) Limited: *See—*
- Furlong, Owen D.; Moore, Leonard; and Ward, Jonathan D., 4,501,293, Cl. 137-557.000.
- Hamlin, Humphrey A. S.; and Taylor, James C., 4,543,109, Cl. 55-25.000.
- Rogers, Brian H.; and Tucker, Paul A., 4,537,607, Cl. 55-163.000.

Norman, Anthony W.; and Mayer, Eberhard, to University of California, The Regents of the. 1,25-dihydroxy-24-oxo-vitamin D_3 and 1,23,25-trihydroxy-24-oxo-vitamin D_3 . 4,495,181, 1-22-85, Cl. 514-167.000.

Norman, Barrie E.: *See—*
- Nielsen, Grethe C.; Diers, Ivan V.; Outtrup, Helle; and Norman, Barrie E., 4,560,651, Cl. 435-95.000.

Norman, Cary A.: *See—*
- Chester, Martin H.; and Norman, Cary A., 4,515,168, Cl. 128-741.000.

Norman, Colin D. Thermalling sailplane turn indicator. 4,506,847, 3-26-85, Cl. 244-1.00R.

Norman Dryer Company, Inc.: *See—*
- Coffman, Randall R.; and Mitchell, James E., 4,509,275, Cl. 34-126.000.

Norman, Edward C.; and Dowell, Howard A., to Enterra Corporation. Protection against soiling. 4,525,501, 6-25-85, Cl. 524-28.000.

Norman, Hans, to AB Asea-Atom. Enclosing means for housing a nuclear reactor core. 4,533,513, 8-6-85, Cl. 376-260.000.

Norman, Howard M., to Norman, Marion E., a part interest. Compact, portable drain to empty and clean a recreational vehicle holding tank. 4,550,453, 11-5-85, Cl. 4-323.000.

Norman, James W., III, to Digital Services Corporation. Digital video special effects system. 4,533,952, 8-6-85, Cl. 358-160.000.

Norman, Marion E.: *See—*
- Norman, Howard M., 4,550,453, Cl. 4-323.000.

Norman, Robert W., Jr.: *See—*
- Boothroyd, Donald C.; and Norman, Robert W., Jr., 4,506,345, Cl. 364-900.000.

Norman, Rodric H. Continuous heat sealer for sacks and bags in thermoplastic material. 4,537,585, 8-27-85, Cl. 493-205.000.

Norman, Telfer E. Abrasion-resistant refrigeration-hardenable ferrous alloy. 4,547,221, 10-15-85, Cl. 75-128.00C.

Norman W. Hutchinson & Sons PTY. Ltd.: *See—*
- Begg, Geoffrey S., 4,523,187, Cl. 340-661.000.

Norman Wade Company Limited: *See—*
- Morand, Joseph E. D. M., 4,503,979, Cl. 211-45.000.

- Normand, Randall J.: *See—*
  - Akers, James B., Jr.; Leng, Douglas E.; and Normand, Randall J., 4,524,189, Cl. 525-35.00G.
- Normand Trust, The: *See—*
  - Mercier, Jacques H., 4,506,431, Cl. 29-454.000.
- Normann, Nils A., to Baylor College of Medicine. Method and an apparatus for intra-aortic balloon monitoring and leak detection. 4,522,194, 6-11-85, Cl. 128-1.00D.
- Normann, Richard W.: *See—*
  - Petersen, Carl C.; McKeown, Stephen A.; and Normann, Richard W., 4,494,818, Cl. 339-192.00R.
- Normier, Gerard: *See—*
  - Dussourd d'Hinterland, Lucien; Normier, Gerard; and Pinel, Anne-Marie, 4,501,693, Cl. 260-112.00R.
- Norn, Svend: *See—*
  - Skov, Per S.; Norn, Svend; and Weeke, Bent, 4,550,085, Cl. 436-98.000.
- Noro, Katsuyoshi: *See—*
  - Nomura, Kenji; Yamakage, Tetsuro; and Noro, Katsuyoshi 4,498,571, Cl. 198-339.000.
- Noro, Masao, to Nippon Gakki Seizo Kabushiki Kaisha. Power amplifier with power supply switching. 4,498,057, 2-5-85, Cl. 330-297.000.
- Noro, Masao, to Nippon Gakki Seizo Kabushiki Kaisha. Output transistor protection circuit in a power amplifier with collector power dissipation limitation. 4,530,026, 7-16-85, Cl. 361-88.000.
- Noro, Masataka: *See—*
  - Yazaki, Takao; and Noro, Masataka, 4,493,867, Cl. 428-161.000.
- Noro, Yoshihiko: *See—*
  - Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, 4,551,777, Cl. 360-77.000.
- Norota, Kazuhiko: *See—*
  - Ito, Toshimitsu; and Norota, Kazuhiko, 4,508,086, Cl. 123-492.000.
- Norota, Susumi; Kiriyama, Tsutomu; Imoto, Tadashi; and Azumi, Toshinori, to Teijin Limited. Filament-like fibers and bundles thereof, and novel process and apparatus for production thereof. 4,521,364, 6-4-85, Cl. 264-176.00F.
- Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, to Teijin Limited. Process for producing fibrous assembly. 4,526,735, 7-2-85, Cl. 264-27.000.
- Norota, Susumu; Segawa, Yasuhiko; and Emi, Shingo, to Teijin Limited. Pneumatic cellular aromatic polyamide articles and process for the preparation thereof. 4,552,810, 11-12-85, Cl. 428-398.000.
- Norrell, William L. Dry cleaning machine. 4,546,625, 10-15-85, Cl. 68-18.00F.
- Norrgran, Daniel A., to Atlantic Richfield Company. Process for the sulfatization of non-ferrous metal sulfides. 4,541,993, 9-17-85, Cl. 423-27.000.
- Norrgran, Daniel A.: *See—*
  - Armstrong, Raynor O.; Norrgran, Daniel A.; and Yuill, William A., 4,549,959, Cl. 209-167.000.
- Norrick, Daniel A.: *See—*
  - Luhn, Dennis A.; and Norrick, Daniel A., 4,543,927, Cl. 123-182.000.
- Norrie, Lyle W.; Snider, Robert W.; and Simonsen, Knud, to Knud Simonsen Industries Limited. Vacuum container for meat products. 4,498,378, 2-12-85, Cl. 99-472.000.
- Norrie, Lyle W.; and Pawlicki, Richard I., to Knud Simonsen Industries Ltd. Product hanger. 4,540,094, 9-10-85, Cl. 211-113.000.
- Norris, Allyn P.: *See—*
  - Johnson, Richard C.; and Norris, Allyn P., 4,493,206, Cl. 73-7.000.
- Norris, Charles H., Jr.: *See—*
  - Marwah, Ashok K.; and Norris, Charles H., Jr., 4,554,771, Cl. 52-221.000.
- Norris, Claude R. Arc suppression device and method. 4,525,762, 6-25-85, Cl. 361-13.000.
- Norris, Claude R. Free-running rotary induction system. 4,537,173, 8-27-85, Cl. 123-592.000.
- Norris, Dean E.: *See—*
  - Gardiner, George K.; and Norris, Dean E., 4,509,054, Cl. 343-709.000.
- Norris, Elwood G., to American Technology Corporation. Ear radio. 4,539,708, 9-3-85, Cl. 455-49.000.
- Norris, Frank A.; and Krile, David J., to United States of America, Air Force. Switch debounce circuit. 4,523,104, 6-11-85, Cl. 307-247.00A.
- Norris, George W.; Kobuck, Richard M.; Varley, William J.; Jacobs, Arthur F.; and Ferree, Herbert E., to Westinghouse Electric Corp. Robotic wrist. 4,502,347, 3-5-85, Cl. 74-447.000.
- Norris, George W.: *See—*
  - Wilhelm, John J.; Kapoor, Anoop; Kobuck, Richard M.; Antol, Ronald F.; and Norris, George W., 4,537,711, Cl. 252-633.000.
- Norris, Harold R. Flow control valve. 4,544,099, 10-1-85, Cl. 239-271.000.
- Norris, Henry F. Composition and method for lubricating insulated electrical conductors. 4,552,676, 11-12-85, Cl. 252-20.000.
- Norris Industries Inc.: *See—*
  - Grace, William R., 4,501,260, Cl. 126-299.00R.
- Norris, James R., to United Technologies Corporation. Cowling latch system. 4,549,708, 10-29-85, Cl. 244-129.400.
- Norris, Michael A., to United Kingdom Atomic Energy Authority. Tube-in-shell heat exchangers. 4,519,445, 5-28-85, Cl. 165-76.000.
- Norris, Philip, to Polaroid Corporation. Film processing apparatus and system. 4,523,825, 6-18-85, Cl. 354-301.000.
- Norris, Philip R., to Polaroid Corporation. Photographic film assemblage with means for establishing a gap between a pair of pressure-applying assemblies. 4,492,445, 1-8-85, Cl. 354-180.000.
- Norris, Philip R., to Polaroid Corporation. Film assemblage including a cannister for housing a film cassette during processing of film. 4,514,070, 4-30-85, Cl. 354-313.000.
- Norris, Philip R.; and Wareham, Richard R., to Polaroid Corporation. Card motion picture method. 4,540,255, 9-10-85, Cl. 352-44.000.
- Norris, Philip R.; and Wareham, Richard R., to Polaroid Corporation. Motion picture film card. 4,540,256, 9-10-85, Cl. 352-239.000.
- Norris, Philip R.: *See—*
  - Kee, Richard C.; and Norris, Philip R., 4,516,844, Cl. 354-275.000.
- Norris, Robert D.: *See—*
  - Brown, Richard A.; and Norris, Robert D., 4,552,668, Cl. 210-759.000.
  - Brown, Richard A.; and Norris, Robert D., 4,552,674, Cl. 252-8.55R.
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  - Wostal, Terry K., 4,538,791, Cl. 251-339.000.
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  - Brandi, Roberto; Di Lena, Francesco; Vanore, Silvestro; Naess, Tor; and Schamaun, Paul U., 4,543,014, Cl. 405-207.000.
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  - Gronnerud, Rolf; and Boe, Einar, 4,493,368, Cl. 165-159.000.
  - Henriksen, Norolf, 4,530,820, Cl. 423-219.000.
  - Storen, Harald, 4,507,129, Cl. 55-70.000.
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  - Tag, Arne; Petterson, Bjorn R.; and Nygaard, Erik C., 4,500,369, Cl. 149-2.000.
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  - Bateson, Norman E., 4,500,230, Cl. 406-131.000.
- Norsworthy, John P.: *See—*
  - Banker, Dennis C.; Montegari, Frank A.; and Norsworthy, John P., 4,531,067, Cl. 307-454.000.
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  - Ashton, Richard D. A., 4,508,230, Cl. 211-181.000.
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  - Lincoln, Clark N.; and Benzing, Norman L., 4,506,806, Cl. 222-175.000.
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  - Bergamo, Robert L.; Foreman, Gordon T.; Gallaro, Anthony V.; and Nagel, Judy A., 4,505,999, Cl. 430-24.000.
  - Brennensholtz, Matthew S.; and Donofrio, Robert L., 4,552,459, Cl. 356-448.000.
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  - Denton, Jerry N., 4,562,570, Cl. 369-270.000.
  - Gallaro, Anthony V., 4,528,477, Cl. 313-479.000.
  - Lambert, Robert L.; Nagel, Judy A.; and Bergamo, Robert L., 4,546,064, Cl. 430-270.000.
  - Lentz, James M., 4,514,600, Cl. 200-5.00R.
  - Lubchenko, Eugene; Hoke, Leander H., Jr.; and Burton, Richard J., 4,496,986, Cl. 358-114.000.
  - Pawlikowski, Stanley L.; and Tamburrino, Richard A., 4,524,298, Cl. 313-405.000.
  - Puhak, Peter G., 4,506,188, Cl. 313-405.000.
  - Robbins, John D., 4,513,221, Cl. 313-402.000.
  - Say, Donald L., 4,517,488, Cl. 313-414.000.
  - Say, Donald L., 4,535,266, Cl. 313-414.000.
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  - Speigel, Kenneth, 4,556,626, Cl. 430-274.000.
  - Tamburrino, Richard A., 4,517,487, Cl. 313-407.000.
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  - Akse, James R.; and Long, Stanley A., 4,511,601, Cl. 427-79.000.
  - Arnold, Emil; and Singer, Barry M., 4,542,405, Cl. 358-111.000.
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  - Arora, Mulk R., 4,518,471, Cl. 204-129.100.
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  - Barnes, Casper W., 4,512,196, Cl. 73-620.000.
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  - Bill, Jacob C., 4,533,975, Cl. 361-323.000.
  - Bingham, Joseph P.; and Hatch, Douglas J., 4,521,809, Cl. 358-120.000.
  - Blaustein, Aaron; Haas, David J.; and Paolini, Francis R., 4,530,006, Cl. 358-111.000.
  - Bronnes, Robert L.; McKinlay, James K.; Sweet, Richard C.; and Zwicker, Walter K., 4,559,280, Cl. 428-633.000.
  - Chan, Albert Y., 4,549,288, Cl. 369-48.000.
  - Cooper, Jeffrey L.; and Johnson, Brian C., 4,542,407, Cl. 358-120.000.
  - Deutsch, Emory, 4,536,819, Cl. 361-274.000.
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- Goldowsky, Michael P., 4,528,862, Cl. 74-409.000.
- Kent, Thomas A.; and Shaffer, Jesse S., 4,546,415, Cl. 361-433.000.
- Liebert, Richard B.; and White, Roger P., 4,522,472, Cl. 350-362.000.
- McSweeney, Robert T.; and Long, Stanley A., 4,499,521, Cl. 361-321.000.
- Newman, Wyatt S.; and Goldowsky, Michael P., 4,542,311, Cl. 310-13.000.
- Preston, George V., III, 4,524,299, Cl. 313-487.000.
- Przepiora, Edward; and Lombardi, Gerald T., 4,561,542, Cl. 206-418.000.
- Rao, N. Vasanth; and Shaulov, Avner, 4,495,441, Cl. 313-388.000.
- Ridgley, James R.; and Reeder, Bruce L., 4,545,474, Cl. 194-1.00E.
- Roberts, Charles C.; and Wright, Jeffrey R., 4,504,814, Cl. 337-112.000.
- Shaulov, Avner, 4,501,967, Cl. 250-338.000.
- Shioleno, Lewis J., 4,499,524, Cl. 361-404.000.
- Stupp, Edward H.; and Fellows, Mark W., 4,498,031, Cl. 315-307.000.
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- 'T Hoen, Pieter J., 4,518,889, Cl. 310-357.000.
- Wittig, Karl R., 4,511,855, Cl. 330-279.000.
- Zola, John, 4,514,247, Cl. 156-250.000.

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- Getz, Edward J.; and Lombardi, Gerald T., 4,498,580, Cl. 206-418.000.

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- Bedel, Denis E., 4,503,360, Cl. 315-112.000.
- Elms, Robert T., 4,506,195, Cl. 315-205.000.
- Evans, George S.; Morton, Edward W.; Gilmore, John F., deceased; and Gilmore, Roderick A., Administrator, 4,501,992, Cl. 315-122.000.
- Flohn, Paul H., 4,516,446, Cl. 82-38.00A.
- Graff, Eugene A., 4,500,810, Cl. 313-486.000.
- Hicks, John M.; Engel, Joseph C.; Spreadbury, Robert J.; Elms, Robert T.; and Saletta, Gary F., 4,525,650, Cl. 315-226.000.
- Larson, Daniel A., 4,491,766, Cl. 315-60.000.
- Lewis, George A.; Collins, Kent L.; Benesh, Joseph C., and Ward, Patrick C., 4,538,091, Cl. 313-625.000.

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- Weinberger, Royal, 4,522,298, Cl. 206-216.000.

North American Utility Construction Corporation: *See—*
- Stark, Virgil; and Genequand, Pierre, 4,520,794, Cl. 126-438.000.

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- Gasper, John S., 4,492,499, Cl. 410-32.000.

North, Bernard F.: *See—*
- Floyd, William C.; and North, Bernard F., 4,505,712, Cl. 8-186.000.

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- Myers, John A., 4,494,547, Cl. 128-659.000.

North Carolina State University: *See—*
- Chang, Hou-min; Joyce, Thomas W.; Kirk, Thomas K.; and Huynh, Van-Ba, 4,554,075, Cl. 210-611.000.
- Esbenshade, Kenneth L., 4,556,555, Cl. 424-85.000.
- Stadelmaier, Hans H.; and ElMasry, Nadia A., 4,541,877, Cl. 148-101.000.

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- Millis, Donald E.; and Grys, Rodger J., 4,505,643, Cl. 417-12.000.

North, Donald F.: *See—*
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North, John M.: *See—*
- Hooper, Alan; and North, John M., 4,547,440, Cl. 429-112.000.

North Sails, Inc.: *See—*
- Mahr, Peter F., 4,499,842, Cl. 114-103.000.

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- Hofmann, Richard E.; and Hofmann, Robert G., Jr., 4,523,520, Cl. 99-352.000.

North Star Steel Texas, Inc.: *See—*
- Read, Robert D., 4,530,392, Cl. 164-268.000.

North, Thomas. Zodiac board game. 4,560,169, 12-24-85, Cl. 273-242.000.

North, Walter P. T.: *See—*
- Pryor, Timothy R.; Hageniers, Omer L.; and North, Walter P. T., 4,547,674, Cl. 250-560.000.

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- Wolfram, Norman E., 4,545,306, Cl. 110-247.000.

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- Giessen, Bill C., 4,540,546, Cl. 420-590.000.
- Neumeyer, John L., 4,543,256, Cl. 514-280.000.
- Whang, Sung-Hyun, 4,512,826, Cl. 148-407.000.

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- Chrisp, George F., 4,503,302, Cl. 200-147.00R.
- Somerville, William M., 4,511,807, Cl. 290-44.000.
- Whinfrey, Dennis R., 4,516,728, Cl. 239-399.000.

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- Crisci, Clem C., 4,561,553, Cl. 215-256.000.

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- Reidenbach, Richard T.; and Rozek, Harry J., 4,529,625, Cl. 427-186.000.

Northern Industrial Sales & Service, Inc.: *See—*
- Quenzi, Phil, 4,505,632, Cl. 414-510.000.

Northern Petrochemical Company: *See—*
- Buehler, Charles K., 4,526,883, Cl. 502-108.000.
- Foerster, Rolf F., 4,529,780, Cl. 526-142.000.
- Fries, Richard W., 4,513,117, Cl. 525-60.000.

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- Heitmann, Arnold M., 4,526,199, Cl. 137-625.310.

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- Anderson, James E.; Coleman, Michael J.; and Livermore, Frederick C., 4,544,983, Cl. 361-119.000.
- Anderson, Keith D., 4,502,762, Cl. 350-394.000.
- Arnon, Ephraim, 4,545,060, Cl. 375-14.000.
- Aujla, Sharanjit S., 4,530,553, Cl. 339-17.0LC.
- Austin, Hollis B., 4,533,864, Cl. 324-51.000.
- Belopolsky, Yakov, 4,503,418, Cl. 338-309.000.
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- Bennett, Jeffrey H., 4,494,082, Cl. 333-28.00R.
- Berger, Jean P.; and Crothers, Carlyle W., 4,515,304, Cl. 228-136.000.
- Bouffard, Jean; Dumoulin, Andre; and Lederhose, Edgar K., 4,523,423, Cl. 57-59.000.
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- Bumgardner, Donald L., 4,544,122, Cl. 248-346.000.
- Bunner, Charles B. D.; and Brombal, David S., 4,511,950, Cl. 361-413.000.
- Bura, Paul, 4,535,304, Cl. 330-300.000.
- Calder, Iain D.; and Naguib, Hussein M., 4,561,906, Cl. 148-1.500.
- Charlebois, Leonard J.; Mariani, Renato; and Huszarik, Fred A., 4,528,150, Cl. 264-36.000.
- Charlebois, Leonard J.; D'Aoust, Ronald R.; and Huszarik, Fred A., 4,528,419, Cl. 174-88.00R.
- Charlebois, Leonard J.; and Anderson, James E., 4,549,039, Cl. 174-72.00R.
- Checkland, John A.; and Woytiuk, Leo V., 4,562,302, Cl. 174-118.000.
- Cheng, Chao-Jan; Donak, John R.; and Ahad, Samir E., 4,528,664, Cl. 370-110.300.
- Chik, Kiu-chi D., 4,530,099, Cl. 372-45.000.
- Cote, Gerard G. M.; and Zuber, Bretislav P., 4,518,129, Cl. 242-78.000.
- DeBortoli, George, 4,497,411, Cl. 211-26.000.
- Dragunevicius, Algirdas J.; Kuhfus, Gerd; and Walker, Charles R. S., 4,556,763, Cl. 179-164.000.
- Dubreuil, Luc; and Reed, Phillip J., 4,500,747, Cl. 174-76.000.
- Dufresne, Gilles L.; Devlin, George V.; Campbell, Alexander F.; and Campbell, David, 4,495,545, Cl. 361-384.000.
- Dumoulin, Andre; Seguin, Marc; and Bouffard, Jean, 4,525,993, Cl. 57-58.520.
- Dupuis, Claude R.; and Hinz, Lorne C., 4,521,643, Cl. 179-2.0DP.
- Entwistle, Stanley D., 4,505,159, Cl. 73-847.000.
- Este, Grantley O.; Suthers, Mark S.; and Streater, Richard W., 4,539,502, Cl. 310-313.00B.
- Fatovic, Peter, 4,506,759, Cl. 181-151.000.
- Fatovic, Peter; and Lafrance, Conrad D., 4,528,426, Cl. 179-121.00D.
- Freeman, Raymond C.; Gumb, Beverley W. T.; and Busche, Alan C., 4,529,846, Cl. 179-115.50R.
- Garner, John N.; and Shannon, Michael A., 4,515,826, Cl. 427-8.000.
- Garner, John N., 4,554,782, Cl. 57-66.000.
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- Graves, Alan F.; and Dilley, James E., 4,528,550, Cl. 340-347.0DD.
- Hadziomerovic, Faruk, 4,516,236, Cl. 370-24.000.
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- Hampel, Herbert J.; and Willers, Arthur G., 4,515,419, Cl. 312-7.100.
- Harman, Stephen G., 4,513,250, Cl. 328-163.000.
- Haskins, Steve W., 4,491,695, Cl. 179-100.00D.
- Haskins, Steve W.; and Vincent, James K., 4,491,696, Cl. 179-100.00C.
- Haskins, Steve W., 4,517,420, Cl. 179-164.000.
- Hogeboom, John G., 4,523,150, Cl. 328-133.000.
- Holmes, Edward S. B., 4,494,104, Cl. 337-403.000.
- Isaacs, Robert B., 4,549,776, Cl. 312-111.000.
- Johnston, Harold; and Benoit, Richard E., 4,516,818, Cl. 339-36.000.
- Kasbia, Puran S.; and Li, Yuan-Lu, 4,535,201, Cl. 179-18.0FA.
- Keriakos, Magdy H.; and Rosenbaum, Stanley D., 4,532,384, Cl. 179-170.00G.
- Kish, Paul P.; and Discenza, Giovanni J., 4,528,420, Cl. 174-112.000.
- Laing, Graham S., 4,546,214, Cl. 179-81.00C.

  - Lenaerts, George V.; Charchanko, Eugene W.; and Dambenieks, Andrejs, 4,517,739, Cl. 29-846.000.
  - Mein, Gordon F.; Terry, John B., and Hicks, Gregory F., 4,528,676, Cl. 375-14.000.
  - Miller-Thomson, James J.; and Dupuis, Gilles, 4,546,490, Cl. 381-56.000.
  - Munter, Ernst A.; and Aczel, Andreas L., 4,498,171, Cl. 370-110.200.
  - Munter, Ernst A., 4,534,041, Cl. 375-94.000.
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  - Murto, Tapio H., 4,500,755, Cl. 179-170.0NC.
  - Pan, Ali; and Cohrs, Karl S., 4,551,087, Cl. 425-466.000.
  - Phillips, Lot; Austin, Hollis B.; and Blakeslee, Kenneth S., 4,513,179, Cl. 179-175.30R.
  - Porter, John F.; Walling, Joerg-Heim J.; and Axiuk, Oleg, 4,545,858, Cl. 162-267.000.
  - Poulsen, Robert G.; Smith, Gerald M.; and Westwood, William D., 4,528,438, Cl. 219-121.0PE.
  - Read, Clifford D.; Sawyer, William D.; and Chadwick, Donald T., 4,533,791, Cl. 179-2.00R.
  - Reintjes, Anthony B.; Fleming, Robert J.; and Gumb, Beverley W. T., 4,508,755, Cl. 427-58.000.
  - Retallack, Laurence J.; and Reedyk, Cornelis W., 4,493,949, Cl. 179-18.0BC.
  - Richardson, Walter L., 4,491,206, Cl. 188-166.000.
  - Rosenbaum, Stanley D.; and Handforth, Martin R., 4,514,595, Cl. 179-16.00F.
  - Rosenbaum, Stanley D.; and Holy, Zdenek J., 4,532,381, Cl. 179-18.0FA.
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  - Sabri, Mohammed S., 4,528,584, Cl. 358-12.000.
  - Schneider, John C., 4,560,887, Cl. 307-66.000.
  - Serinken, Nur M.; Calder, Iain D.; Gale, James; and Fletcher, Norman C., 4,503,468, Cl. 358-256.000.
  - Shah, Mahesh, 4,511,766, Cl. 179-99.00A.
  - Shannon, Michael A.; and Howat, Robert J., 4,514,435, Cl. 427-8.000.
  - Shannon, Michael A., 4,522,501, Cl. 366-142.000.
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  - Sims, Dewey M., Jr., 4,511,936, Cl. 360-69.000.
  - Sims, Dewey M., Jr., 4,514,774, Cl. 360-95.000.
  - Springthorpe, Anthony J., 4,493,287, Cl. 118-719.000.
  - Steierman, Herbert L., 4,545,052, Cl. 370-68.000.
  - Straub, Albert M.; Mabrey, Theodore R.; and Vokovich, Daniel L., 4,517,614, Cl. 360-85.000.
  - Suffi, Louis; Golden, James E.; and Jaycox, Donald F., 4,513,171, Cl. 174-41.000.
  - Thomas, Terence N.; and Hogeboom, John G., 4,539,531, Cl. 331-11.000.
  - Tihanyi, George, 4,544,823, Cl. 219-121.0PK.
  - Vella, Paul J.; Garel-Jones, Philip M.; and Lowe, Richard S., 4,551,019, Cl. 356-73.100.
  - Velsher, Benne, 4,491,797, Cl. 324-421.000.
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  - Walling, Jorg-Hein; Shannon, Michael A.; and Arbuthnot, Gerald, 4,518,633, Cl. 427-120.000.
  - Walling, Jorg-Hein; Arbuthnot, Gerald; and Shannon, Michael A., 4,560,521, Cl. 264-24.000.
  - Watters, James M.; and Clement, Donald E., 4,562,310, Cl. 179-100.00R.
  - Webb, Michael J.; and Johnson, David W., 4,527,856, Cl. 339-206.00R.
  - Weirich, Andreas H.; and Strawczynski, Leo, 4,542,516, Cl. 375-30.000.
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  - Wetzel, David L.; and Shah, Mahesh, 4,511,767, Cl. 179-99.00A.
  - Znojkiewicz, Maciej E., 4,535,308, Cl. 333-232.000.
  - Znojkiewicz, Maciej E., 4,556,852, Cl. 331-96.000.
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- Northland Aluminum Products, Inc.: *See—*
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  - Jorgensen, Jorgen A., 4,496,815, Cl. 219-10.55E.
  - Jorgensen, Jorgen A.; and Nygren, Donald W., 4,504,715, Cl. 219-10.55F.
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- Northmore, James E. Camera movement synchronizing apparatus. 4,515,455, 5-7-85, Cl. 354-293.000.
- Northrop Corporation: *See—*
  - Agrawal, Suphal P., 4,516,419, Cl. 72-60.000.
  - Blackhurst, William R., 4,520,975, Cl. 244-137.00R.
  - Cohn, David B.; and Komine, Hiroshi, 4,547,883, Cl. 372-25.000.
  - Cohn, David B.; and Conley, Eugene E., 4,555,787, Cl. 372-86.000.
  - Long, William H., 4,534,035, Cl. 372-85.000.
  - Lopez, Marco A., 4,530,600, Cl. 356-5.000.
  - Naik, Ishverlal K.; and Eguchi, Ronald G., 4,521,443, Cl. 427-38.000.
  - Stappaerts, Eddy A., 4,523,320, Cl. 372-87.000.
  - Westhaver, Robert O.; Walker, Gary; and Koning, Menno G., 4,499,778, Cl. 74-5.00F.
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- Northrup, Karl A., to Xerox Corporation. Mechanism and method for controlling the temperature and output of a fluorescent lamp. 4,533,854, 8-6-85, Cl. 315-117.000.
- Northrup, Karl A.: *See—*
  - Hammond, Thomas J.; Lama, William L.; Northrup, Karl A.; and Corona, Stephen C., 4,533,853, Cl. 315-117.000.
- Northup, John D., to Northup, John D., Jr.; Northup, Mary E.; and Lehrkind, Nancy N., a part interest to each. Method for making glass bottles. 4,507,136, 3-26-85, Cl. 65-79.000.
- Northup, John D., Jr.: *See—*
  - Northup, John D., 4,507,136, Cl. 65-79.000.
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- Northwest Alaskan Pipeline Company: *See—*
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- Northwest Instrument Systems, Inc.: *See—*
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- Northwest Iron Fireman, Inc.: *See—*
  - Jacobs, Clifford S., 4,528,917, Cl. 110-300.000.
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- Northwestern University: *See—*
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- Norton, Charles J.; Falk, David O.; and Hill, Alfred D., to Marathon Oil Company. Oil recovery process using a polyacrylamide gel. 4,561,502, 12-31-85, Cl. 166-274.000.
- Norton Christensen, Inc.: *See—*
  - Fulkerson, Larry R., 4,558,749, Cl. 175-58.000.
  - Grappendorf, Richard H., 4,491,188, Cl. 175-329.000.
  - Heidemann, Gerhard, 4,523,765, Cl. 277-165.000.
  - Jung, Thomas; and Heidemann, Gerhard, 4,511,007, Cl. 175-297.000.
  - Jurgens, Rainer, 4,498,549, Cl. 175-329.000.
  - Jurgens, Rainer; and Jung, Thomas, 4,553,614, Cl. 175-302.000.
  - Jurgens, Reiner, 4,497,224, Cl. 81-57.340.
  - Knowlton, Ruth H.; and Huang, Hsin, 4,527,642, Cl. 175-329.000.
  - Link, Howard D., 4,550,790, Cl. 175-329.000.
  - Mengel, Hans-Eckhard; and Munzel, Hermann, 4,515,226, Cl. 175-57.000.
  - Meskin, Alexander K.; and Pay, Clifford R., 4,529,047, Cl. 175-329.000.
  - Pay, Clifford R.; and Thornton, F. James, 4,552,231, Cl. 175-330.000.
  - Radford, Steven R.; and Hyland, Craig R., 4,552,229, Cl. 175-240.000.
  - Radford, Steven R., 4,553,613, Cl. 175-250.000.
  - Roper, Rudolf, 4,519,574, Cl. 251-31.000.
- Norton, Colin Frank: *See—*
  - Harvey, Raymond G. A.; and Evans, David S., 4,491,775, Cl. 318-434.000.
- Norton Company: *See—*
  - Gow, Robert J., 4,513,546, Cl. 52-172.000.
  - Hsia, Min A., 4,511,519, Cl. 261-94.000.
  - Jones, Cecil M., 4,507,395, Cl. 501-115.000.
  - Jones, Cecil M., 4,533,644, Cl. 501-17.000.
  - Ostertag, Alfred, 4,497,383, Cl. 175-289.000.
  - Rossi, Giulio A., 4,501,818, Cl. 501-1.000.
  - Rostoker, David, 4,541,842, Cl. 51-296.000.
  - Rue, Charles V., 4,543,107, Cl. 51-309.000.
  - Williston, William H., 4,523,930, Cl. 51-293.000.
- Norton, Daniel E., to Nike, Inc. Athletic shoe with ridged outsole. 4,538,366, 9-3-85, Cl. 36-32.00R.
- Norton, Daniel E., to Nike, Inc. Track shoe with a improved sole. 4,559,724, 12-24-85, Cl. 36-129.000.
- Norton, Dennis J. Gate latch. 4,512,105, 4-23-85, Cl. 49-394.000.
- Norton, Edward J., to New Balance Athletic Shoe, Inc. Construction of upper for athletic shoe. 4,559,722, 12-24-85, Cl. 36-89.000.
- Norton, Edward J.: *See—*
  - Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, 4,551,930, Cl. 36-30.00R.
  - Graham, Kenneth W.; Norton, Edward J.; and Kurata, Shuhei, 4,561,140, Cl. 12-146.0BR.
- Norton, Gary E.: *See—*
  - LaRossa, Denise D.; Thunberg, Allen L.; Norton, Gary E.; and Dappen, Glen M., 4,555,484, Cl. 435-21.000.
- Norton, Gerald W., to Speedgrip Chuck, Inc. Anti-centrifugal chuck. 4,504,070, 3-12-85, Cl. 279-1.00C.
- Norton, Harry W., to Hatrick Industries Limited. Wheelchair tipping apparatus. 4,561,823, 12-31-85, Cl. 414-678.000.

- Norton, Henry J.; and Urion, Kenard E., to Scott Paper Company. Wet tissue dispensing port. 4,534,491, 8-13-85, Cl. 221-63.000.
- Norton, James P.; and Golan, Lawrence P., to Exxon Research & Engineering Co. Solids cooling. 4,492,184, 1-8-85, Cl. 122-4.00D.
- Norton, Jeffery R., to Stresau Laboratory, Inc. Parachute line cutting device. 4,493,240, 1-15-85, Cl. 89-1.140.
- Norton, Jerry J., to Phillips Petroleum Company. FSK modulation using switched outputs of two oscillators. 4,543,541, 9-24-85, Cl. 332-16.00R.
- Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., to AECI Limited. Fuels. 4,541,835, 9-17-85, Cl. 44-53.000.
- Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., to AECI Limited. Fuels. 4,541,837, 9-17-85, Cl. 44-53.000.
- Norton, John P., to Engineered Air Systems, Inc. Method and apparatus for liquid freezing. 4,501,126, 2-26-85, Cl. 62-185.000.
- Norton, Peter. Amplifier power stage. 4,520,438, 5-28-85, Cl. 363-98.000.
- Norton, Peter. Multiple displacement hydraulic pump system with automatic displacement control for brake boosters and the like. 4,543,789, 10-1-85, Cl. 60-545.000.
- Norton, Peter. Motion converter for use in transducers and the like. 4,548,091, 10-22-85, Cl. 74-99.00R.
- Norton, Richard V.: *See—*
  - Stamerjohn, David M.; Norton, Richard V.; and Sturtz, Gregory P., 4,543,163, Cl. 203-37.000.
- Norton, Rickie E. Floating head apparatus for swimming pool cleaning system. 4,503,874, 3-12-85, Cl. 134-167.00R.
- Norton, Robert L.: *See—*
  - Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.
- Norton, Robert O.: *See—*
  - DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., 4,503,685, Cl. 62-193.000.
  - DiCarlo, Leonard J.; Ares, Roland A.; and Norton, Robert O., 4,506,523, Cl. 62-470.000.
- Norton, Thomas E., Sr. Shelf lowering and vial stoppering freeze-drying apparatus. 4,536,972, 8-27-85, Cl. 34-92.000.
- Norton-Wayne, Leonard: *See—*
  - West, Geoffrey A. W.; and Norton-Wayne, Leonard, 4,496,971, Cl. 358-106.000.
- Norton, William J., to C. R. Bard, Inc. Venting assembly for a sealed body fluid drainage device. 4,512,771, 4-23-85, Cl. 604-824.000.
- Norton, William J., to C. R. Bard, Inc. Medical tubing having exterior hydrophilic coating for microbiocide absorption therein and method for using same. 4,515,593, 5-7-85, Cl. 604-265.000.
- Norton, William J.; and Wolosky, Irwin S., to C. R. Bard, Inc. Helical ureteral stent. 4,531,933, 7-30-85, Cl. 604-8.000.
- Norton, William W., to Culligan International Company. Tank lining system. 4,537,329, 8-27-85, Cl. 220-465.000.
- Nortronics Company, Inc.: *See—*
  - Kronfeld, Leonard E., 4,537,509, Cl. 356-399.000.
- Norvaisa, Kestutis: *See—*
  - Kniazzeh, Alfredo G.; Mailloux, Dennis R.; and Norvaisa, Kestutis, 4,532,193, Cl. 429-82.000.
- Norveil, James H. Buoy device for automatic raising of submerged objects. 4,507,093, 3-26-85, Cl. 441-2.000.
- Norwalk Wastewater Equipment Company: *See—*
  - Graves, Jan D., 4,505,813, Cl. 210-86.000.
- Norwich Eaton Pharmaceuticals, Inc.: *See—*
  - Alaimo, Robert J., 4,540,693, Cl. 514-249.000.
  - Fox, Charles L., Jr.; and Modak, Shanta M., 4,522,819, Cl. 514-187.000.
- Norwood Industries, Inc.: *See—*
  - McCartney, John R., 4,496,624, Cl. 428-288.000.
  - McCartney, John R., 4,511,605, Cl. 427-246.000.
  - Meek, Thomas, 4,525,755, Cl. 360-63.000.
- Norwood Marking & Equipment Co., Inc.: *See—*
  - Davison, Charles F., 4,527,472, Cl. 101-219.000.
  - Davison, Charles F., 4,527,475, Cl. 101-316.000.
  - Davison, Charles F., 4,528,907, Cl. 101-219.000.
  - Davison, Charles F.; and Myles, Robert M., 4,528,908, Cl. 101-295.000.
- Norwood, Richard L.: *See—*
  - Krasznai, Charles Z.; and Norwood, Richard L., 4,517,452, Cl. 219-413.000.
- Norwood, William L., to Logic Controls Corp. Controller for well installations. 4,532,952, 8-6-85, Cl. 137-240.000.
- Nosaka, Isao: *See—*
  - Kawata, Shun; Nosaka, Isao; and Katakura, Hiroshi, 4,511,237, Cl. 355-3.00R.
- Nosaki, Takefumi; Tanimoto, Koji; and Hosoya, Masahiro. Developing apparatus. 4,558,941, 12-17-85, Cl. 355-3.0DD.
- Nosal, Vsevolod V.; Rybakov, Jury V.; Golovkin, Viktor T.; Novokreschenov, Mikhail M.; Lysikov, Boris V.; and Staneshin, Anatoly V. Method of manufacturing a multicore cable. 4,538,350, 9-3-85, Cl. 29-825.000.
- Noschese, Rocco J., to Burndy Corporation. Circuit board connector system having independent contact segments. 4,556,268, 12-3-85, Cl. 339-74.00R.
- Noschilla, Herbert: *See—*
  - Fink, Roland; Bartos, Hubert; Noschilla, Herbert; and Klingenstein, Walter, 4,530,391, Cl. 164-155.000.
- Nose, Isamu; and Umehara, Akihiko, to Oki Electric Industry Co., Ltd. Speech recognition system. 4,513,436, 4-23-85, Cl. 381-43.000.
- Nose, Isamu: *See—*
  - Mizuno, Kaneyoshi; Nose, Isamu; and Iizuka, Hirosi, 4,520,500, Cl. 381-43.000.
- Nose, Noriyuki, to Canon Kabushiki Kaisha. Reading apparatus. 4,539,482, 9-3-85, Cl. 250-578.000.
- Nose, Noriyuki; and Endo, Kiyonobu, to Canon Kabushiki Kaisha. Device for measuring light incident on an optical system. 4,544,269, 10-1-85, Cl. 356-222.000.
- Nose, Noriyuki: *See—*
  - Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.
- Noser, Anne M. Dental brushing aid. 4,558,483, 12-17-85, Cl. 15-167.00R.
- Noser, Friedrich: *See—*
  - Konrad, Eugen; Braun, Hans J.; Mager, Herbert; Noser, Friedrich; and Bracher, Max, 4,543,425, Cl. 564-442.000.
- Noshay, Allen: *See—*
  - Golembeski, Nancy M.; Jorgensen, Robert J.; Cleland, Robert D.; and Noshay, Allen, 4,503,203, Cl. 526-159.000.
  - Gross, Laurence H.; and Noshay, Allen, 4,560,671, Cl. 502-105.000.
- Noso, Kazunori; Kishi, Norimasa; Futami, Toru; Nomura, Hiroyuki; and Shiraishi, Yasuhiro, to Nissan Motor Company, Limited. Spoken-instruction controlled system for an automotive vehicle. 4,506,378, 3-19-85, Cl. 381-43.000.
- Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, to Nissan Motor Company, Limited. Spoken-instruction controlled system for an automotive vehicle. 4,528,687, 7-9-85, Cl. 381-43.000.
- Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, to Nissan Motor Company, Limited. Speech recognition system for an automotive vehicle. 4,531,228, 7-23-85, Cl. 381-46.000.
- Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, to Nissan Motor Company, Limited. Speech recognition system for an automotive vehicle. 4,532,648, 7-30-85, Cl. 381-41.000.
- Noso, Kazunori; and Kishi, Norimasa, to Nissan Motor Company, Limited. Speech recognition system for an automotive vehicle. 4,538,295, 8-27-85, Cl. 381-43.000.
- Noso, Kazunori; Kishi, Norimasa; and Futami, Toru, to Nissan Motor Company, Limited. Speech recognition system for an automotive vehicle. 4,558,459, 12-10-85, Cl. 381-43.000.
- Noso, Kazunori: *See—*
  - Kishi, Norimasa; and Noso, Kazunori, 4,501,012, Cl. 381-43.000.
  - Kishi, Norimasa; Noso, Kazunori; and Futami, Toru, 4,506,377, Cl. 381-41.000.
- Nossen, Edward J., to RCA Corporation. Fast correlation system. 4,510,579, 4-9-85, Cl. 364-728.000.
- Nostrand, Gerald E.: *See—*
  - Hanak, Joseph J.; and Nostrand, Gerald E., 4,532,371, Cl. 136-249.000.
- Notagashira, Hidefumi: *See—*
  - Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,491,401, Cl. 354-271.100.
- Notari, Bruno: *See—*
  - Fattore, Vittorio; Notari, Bruno; Paggini, Alberto; and Lagana, Vincenzo, 4,513,100, Cl. 502-303.000.
- Notaro, Giuseppe: *See—*
  - De Filippis, Pietro; Salvatore, Amedeo; Calenda, Ciro; and Notaro, Giuseppe, 4,527,142, Cl. 337-105.000.
- Notelteirs, Victor R., to U.S. Philips Corporation. Electric lamp having a lamp cap which is connected without cement. 4,495,436, 1-22-85, Cl. 313-318.000.
- Notestein, John E.: *See—*
  - Ayers, William J., Jr.; Carter, Charles R.; Griffith, Richard A.; Loomis, Richard B.; and Notestein, John E., 4,524,796, Cl. 137-240.000.
- Nothdurft, Edgar, to Maschinenbau Oppenweiler GmbH. Ejector mechanism for incomplete fascicles in a conveyor line. 4,497,480, 2-5-85, Cl. 270-58.000.
- Nothdurft, Heinz, to Robert Bosch GmbH. Fuel injection pump for internal combustion engines. 4,541,789, 9-17-85, Cl. 417-498.000.
- Nothen, Michael; and Bartsch, Erhard, to Webasto-Werk W. Baier GmbH & Co. System for supplying motor vehicle diesel engines with fuel. 4,553,697, 11-19-85, Cl. 237-12.30B.
- Noto, Akira: *See—*
  - Ogawa, Yasunao; Noto, Akira; Mori, Sachio; and Yoshioka, Mitsuru, 4,552,841, Cl. 435-18.000.
- Noto, Peter; and Reid, Michael, to Garan, Inc. Method and apparatus for coordination of garments. 4,514,178, 4-30-85, Cl. 434-395.000.
- Noto, Richard: *See—*
  - Smith, David C.; and Noto, Richard, 4,500,963, Cl. 364-300.000.
- Noto, Sal J.; and Wartenbergh, Robert P., to Dysan Corporation. Removable disk cartridge with improved door operating mechanism. 4,559,575, 12-17-85, Cl. 360-133.000.
- Noto, Vincent H.; and Yalof, Stanley, to Tetrahedron Associates, Inc. Laminating process and apparatus. 4,543,147, 9-24-85, Cl. 156-288.000.
- Noto, Yasuo; Naito, Shotaro; and Ohmae, Tsutomu, to Hitachi, Ltd. Protective control apparatus for electrical vehicle. 4,500,820, 2-19-85, Cl. 318-139.000.
- Notredame, Paul: *See—*
  - Van Campenhout, Jan; de Stecker, Hans; Notredame, Paul; Muyle, Eddy; Bergmans, Jean-Paul; and Bergmans, Patrick, 4,543,615, Cl. 358-285.000.

Notthoff, Johannes K.: *See—*
- Zuleeg, Rainer; and Notthoff, Johannes K., 4,505,582, Cl. 356-5.000.

Nottingham County Council: *See—*
- Dury, Peter L. K., 4,501,420, Cl. 272-3.000.

Nottingham, John R.: *See—*
- Loechner, John T.; Kruger, Kurt J.; Nottingham, John R.; and Golembek, Joe M., 4,561,416, Cl. 126-21.00A.
- Spirk, John W., Jr.; and Nottingham, John R., 4,511,341, Cl. 446-9.000.

Nouda, Hiroshi; Hasegawa, Kinji; and Hosoi, Masahiro, to Teijin Limited. Magnetic recording flexible disc. 4,557,982, 12-10-85, Cl. 428-694.000.

Noufer, Glenn E., to Motorola, Inc. Four-state ROM cell with increased differential between states. 4,546,453, 10-8-85, Cl. 365-104.000.

Noujaim, Sharbel E.: *See—*
- Welles, Kenneth B., II; and Noujaim, Sharbel E., 4,560,941, Cl. 329-50.000.

Nouno, Yasushi; Konishi, Masami; and Sasaki, Yoshio, to Toyota Jidosha Kabushiki Kaisha. Supporting mechanism for a valve system of an internal-combustion engine. 4,539,952, 9-10-85, Cl. 123-90.360.

Nourse, Gary E.; and Dowdle, Dean M., to Minnesota Mining and Manufacturing Company. Variable frequency RF electronic surveillance system. 4,531,117, 7-23-85, Cl. 340-572.000.

Nousak, Matthew J. A., to Damco Testers, Inc. Pipe testing tool. 4,548,069, 10-22-85, Cl. 73-49.500.

Nouvelle Lemania S.A.: *See—*
- Dubois, Jean-Daniel, 4,540,291, Cl. 368-28.000.

Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, to Bayer Aktiengesellschaft. Thermoplastic moulding compositions based on polycarbonate, polyalkylene terephthalate and, optionally, one or more polymers. 4,515,918, 5-7-85, Cl. 524-504.000.

Nouvertne , Werner; and Stix, Wolfgang, to Bayer Aktiengesellschaft. Thermoplastic moulding compositions. 4,539,370, 9-3-85, Cl. 525-67.000.

Nouvertne, Werner: *See—*
- Medem, Harald; Schreckenberg, Manfred; Dhein, Rolf; Nouvertne, Werner; and Rudolph, Hans, 4,506,066, Cl. 528-196.000.

Nova/Husky Research Corporation Ltd.: *See—*
- Thompson, Bradley G.; and Jack, Thomas R., 4,561,500, Cl. 166-246.000.

Nova Tran Corporation: *See—*
- Olson, Roger; and Versic, Ronald J., 4,508,760, Cl. 427-213.340.

Novacek, William G., to Sprague Electric Company. Method for continuously monitoring oxide thickness on moving aluminum foil. 4,537,664, 8-27-85, Cl. 204-28.000.

Novacor Medical Corporation: *See—*
- Chen, Herbert; and Conley, Michael G., 4,557,673, Cl. 417-412.000.
- La Forge, David H.; and Portner, Peer M., 4,519,043, Cl. 364-571.000.
- Spahic, Bojana K.; and Green, George F., 4,552,816, Cl. 428-420.000.

Novagene, Ltd.: *See—*
- Kit, Malon; and Kit, Saul, 4,514,497, Cl. 435-235.000.

Novak, Christopher: *See—*
- Maczuszenko, Andrzej; Davison, Ernest; Otter, Brian; Whittaker, Brian F.; Novak, Christopher; and Landheer, Dolf, 4,516,847, Cl. 355-3.0TR.

Novak, Jiri; Pjgrt, Jan; Bezdicek, Jan; Fenik, Milan; Kuda, Vladimir; and Vasicek, Vladimir, to ZVS Vyzkumnevyvojovy ustav koncernova ucelova organizace. Loom. 4,503,891, 3-12-85, Cl. 139-116.000.

Novak, Jiri: *See—*
- Pajgrt, Jan; Bezdicek, Jan; and Novak, Jiri, 4,509,629, Cl. 192-0.098.

Novak, Joseph H.: *See—*
- Fleck, David C.; Novak, Joseph H.; and Koerber, Clement J., Sr., 4,539,560, Cl. 340-573.000.

Novak, Lucille H., to Exxon Production Research Co. Drilling mud composition which may be converted to cement upon irradiation. 4,547,298, 10-15-85, Cl. 252-8.50C.

Novak, Milan, to Canada, Her Majesty the Queen in right of, as represented by the Minister of Energy and Natural Resources. Pin release for animal trap. 4,561,207, 12-31-85, Cl. 43-87.000.

Novak, Paul G.; and Specht, Theodore R., to Westinghouse Electric Corp. Core form transformer for selective cancellation of subsynchronous resonance. 4,513,243, 4-23-85, Cl. 323-361.000.

Novak, Pavel: *See—*
- Koschke, Peter; and Novak, Pavel, 4,494,411, Cl. 73-724.000.

Novak, Peter; and Moertl, Willi, to Rieter Machine Works, Ltd. Apparatus for handling textile bobbins. 4,506,780, 3-26-85, Cl. 198-483.000.

Novak, Thaddeus. Solar powered vehicle. 4,516,647, 5-14-85, Cl. 180-2.200.

Novak, Vaclav; Prusek, Jaroslav; and Trojan, Vaclav, to Statni Vyzkumny Ustav Ochrany Materialu G.V. Indicator terminal for coulometric measuring devices. 4,522,699, 6-11-85, Cl. 204-434.000.

Novak, W. Thomas, to Micronix Partners. Lithography system. 4,514,858, 4-30-85, Cl. 378-034.000.

Novak, W. Thomas, to Micronix Partners. Lithography system. 4,516,253, 5-7-85, Cl. 378-034.000.

Novak, W. Thomas: *See—*
- Jagusch, Peter R.; and Novak, W. Thomas, 4,549,843, Cl. 414-416.000.

Novak, William J.; and McClung, Ronald G., to Engelhard Corporation. Apparatus for catalytic reforming with continuous sulfur removal. 4,534,943, 8-13-85, Cl. 422-188.000.

Novakovskaya, Zoya D.: *See—*
- Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.

Novametrix Medical Systems, Inc.: *See—*
- Parker, Dawood; and Delpy, David T., 4,541,901, Cl. 204-1.00T.

Novasina AG: *See—*
- Horn, Petr, 4,498,044, Cl. 324-65.00R.

Novation, Inc.: *See—*
- Kessler, Bayard F., 4,503,288, Cl. 179-2.0DP.
- Kessler, Bayard F., 4,518,823, Cl. 179-2.0DP.
- Mackey, Richard C., 4,500,754, Cl. 179-81.00R.
- Serrano, Arthur L., 4,536,618, Cl. 179-84.00R.

Novatny, Donald F., to Boise Cascade Corporation. U-shaped support pad for appliances and the like. 4,545,482, 10-8-85, Cl. 206-320.000.

Novatome: *See—*
- Jullien, Georges, 4,515,109, Cl. 122-32.000.
- Malaval, Claude, 4,534,140, Cl. 52-21.000.
- Malaval, Claude, 4,552,210, Cl. 165-134.100.
- Pierrey, Jean-Louis; and Thevenin, Michel, 4,560,530, Cl. 376-290.000.
- Plaziaud, Alain, 4,517,153, Cl. 376-253.000.
- Thevenin, Michel; and Jullien, Georges, 4,495,138, Cl. 376-203.000.
- Zuber, Thierry; and Traiteur, Rene, 4,550,688, Cl. 122-360.000.

Noverola, Armando V.: *See—*
- Soto, Jose M. P.; Noverola, Armando V.; Mauri, Jacinto M.; and Spickett, Robert G. W., 4,550,116, Cl. 514-327.000.

Novex Talalmanyfejleszto es Ertekesito Kulkereskedelmi Rt.: *See—*
- Gyulavari, Imre, 4,533,470, Cl. 210-96.100.

Novex Talalmanyfejleszto es Novexesitolmalyereskedelmi Rt.: *See—*
- Gyulavari, Imre, 4,559,141, Cl. 210-521.000.

Novi Development Corporation: *See—*
- Kariakin, Joseph A., 4,534,924, Cl. 264-259.000.

Novick, Leonard R., to United States of America, Air Force. Applique rate converter. 4,558,445, 12-10-85, Cl. 370-84.000.

Novikov, Vladimir V.: *See—*
- Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Novini, Amir R.: *See—*
- Berridge, Lawrence F., Jr.; and Novini, Amir R., 4,491,868, Cl. 358-139.000.

Novinson, Thomas, to United States of America, Navy. Portable infrared spectrophotometer. 4,527,062, 7-2-85, Cl. 250-351.000.

Novis, Joseph R. Electrical bridging connector with post separator housing. 4,538,877, 9-3-85, Cl. 339-156.00R.

Novo Industri A/S: *See—*
- Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,497,897, Cl. 435-188.000.
- Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,519,934, Cl. 252-174.120.
- Eilertsen, Jens H.; Fog, Arne D.; and Gibson, Keith, 4,543,333, Cl. 435-188.000.
- Nielsen, Grethe C.; Diers, Ivan V.; Outtrup, Helle; and Norman, Barrie E., 4,560,651, Cl. 435-95.000.

Novoflex Fotogeratebau Karl Muller, Firma: *See—*
- Tobler, Werner, 4,547,053, Cl. 354-187.000.

Novokreschenov, Mikhail M.: *See—*
- Nosal, Vsevolod V.; Rybakov, Jury V.; Golovkin, Viktor T.; Novokreschenov, Mikhail M.; Lysikov, Boris V.; and Staneshin, Anatoly V., 4,538,350, Cl. 29-825.000.

Novon, Inc.: *See—*
- Hutchin, Richard A., 4,499,492, Cl. 358-107.000.

Novopac S.n.c. dei F.lli Salem E. & O.: *See—*
- Salem, Emilio, 4,535,886, Cl. 206-205.000.

Novotny, Bernd: *See—*
- Elmis, Herbert; and Novotny, Bernd, 4,504,799, Cl. 331-1.00A.
- Freyberger, Laurin C.; and Novotny, Bernd, 4,494,137, Cl. 358-27.000.

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- Armando, Toni E.; Brewer, John R.; Duvall, Leroy F.; and Novotny, John C., 4,539,211, Cl. 426-291.000.

Novotny, Joseph, to Allied Corporation. Method and composition for corrosion inhibition of carbon steel by ammonium sulfate. 4,556,536, 12-3-85, Cl. 422-7.000.

Novotny, Larry G.: *See—*
- Chandler, Curtis S.; Novotny, Larry G.; and Watts, Elvert S., 4,501,459, Cl. 339-48.000.

Novotny, Rudolf: *See—*
- Christophliemk, Peter; Novotny, Rudolf; von Laufenberg, Jurgen; and Sadlowsky, Josef, 4,499,062, Cl. 423-332.000.
- Christophliemk, Peter; von Laufenberg, Jurgen; Novotny, Rudolf; Staller, Siegfried; and Diekotter, Friedrich W., 4,557,907, Cl. 423-119.000.
- Hempel, Hans-Ulrich; Novotny, Rudolf; Staller, Siegfried; and Kramer, Johannes, 4,561,873, Cl. 65-27.000.

Novotry, Jaroslay: *See—*
  Skvara, Frantisek; Kolar, Karel; Zadak, Zdenek; Friml, Zdenek; and Novotry, Jaroslay, 4,551,176, Cl. 106-90.000.
Novus Inc.: *See—*
  Petersen, Paul S., 4,498,940, Cl. 156-98.000.
  Wiele, Robert W., 4,497,476, Cl. 269-1.000.
Novy, Robert A.: *See—*
  Weimer, Ralph E.; Kalowski, Thaddeus J.; and Novy, Robert A., 4,522,117, Cl. 99-348.000.
Novy, Russell F.: *See—*
  Rausch, John J.; and Novy, Russell F., 4,526,817, Cl. 427-431.000.
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  Horner, Herbert F., Jr.; Zenner, Michael M.; Nowack, Daniel P.; and Christopherson, Herman P., 4,558,558, Cl. 56-11.300.
Nowack, Gerhard P.; Johnson, Marvin M.; and Tabler, Donald C., to Phillips Petroleum Company. Hydrogenation catalysts. 4,503,249, 3-5-85, Cl. 564-385.000.
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  Johnson, Marvin M.; and Nowack, Gerhard P., 4,543,436, Cl. 585-466.000.
  Johnson, Marvin M.; and Nowack, Gerhard P., 4,558,165, Cl. 568-698.000.
  Kukes, Simon G.; and Nowack, Gerhard P., 4,551,230, Cl. 208-89.000.
Nowacki, Christopher; and Brisson, Alfred G., to Trutek Research Inc. Metered dose inhaler. 4,534,343, 8-13-85, Cl. 128-200.230.
Nowacki, Christopher; and Brisson, Alfred G., to Trutek Research Inc. Inhalation valve. 4,538,620, 9-3-85, Cl. 128-725.000.
Nowacki, Christopher: *See—*
  Brisson, Alfred; and Nowacki, Christopher, 4,495,944, Cl. 128-725.000.
Nowacki, Ulrich G., to International Paper Company. Method and apparatus for erecting a carton with integral interior partitions. 4,500,306, 2-19-85, Cl. 493-92.000.
Nowaczyk, Philip J.: *See—*
  Chin, Daniel H.; Nowaczyk, Philip J.; and Beaumont, Gregory J., 4,529,917, Cl. 315-411.000.
Nowag, Reinhard: *See—*
  Twiehoff, Karl-Heinz; and Nowag, Reinhard, 4,524,460, Cl. 383-45.000.
Nowak, Alfred: *See—*
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Nowak, Daniel. Pocket structure. 4,553,269, 11-19-85, Cl. 2-254.000.
Nowak, David J.; and Zupfer, David F., to R. J. LeVesque Manufacturing Co. Electrical disconnect tool. 4,525,006, 6-25-85, Cl. 294-19.100.
Nowak, David M. Method and means for spraying aggregates for fireproof insulation onto a substratum. 4,542,040, 9-17-85, Cl. 427-196.000.
Nowak, Florian I. Force transmitting wedge structure. 4,509,765, 4-9-85, Cl. 279-50.000.
Nowak, Frank J., to Owens-Illinois, Inc. Apparatus and method for uniformly winding elongate sheet materials. 4,498,640, 2-12-85, Cl. 242-67.10R.
Nowak, James M.: *See—*
  Espelage, Paul M.; and Nowak, James M., 4,539,514, Cl. 318-778.000.
Nowak, Rudolf: *See—*
  Holland, Gerhard; and Nowak, Rudolf, 4,533,387, Cl. 75-66.000.
Nowakowski, Robert J., to General Motors Corporation. Dual voltage motor vehicle electrical system. 4,492,912, 1-8-85, Cl. 320-6.000.
Nowakowski, Robert J., to General Motors Corporation. Dual-voltage battery charging system. 4,516,066, 5-7-85, Cl. 320-15.000.
Nowakowski, Victor A.: *See—*
  Hitt, Gerard J.; Nowakowski, Victor A.; and Warren, Walter R., 4,507,962, Cl. 73-384.000.
Noweck, Klaus: *See—*
  Meyer, Arnold; and Noweck, Klaus, 4,542,113, Cl. 502-8.000.
Nowell, John R.: *See—*
  Genuit, Luther L.; and Nowell, John R., 4,506,256, Cl. 340-518.000.
  Genuit, Luther L.; and Nowell, John R., 4,521,692, Cl. 290-4.00A.
Nowicki, Casimir W., to Owens Illinois, Inc. Method and apparatus for packing plastic bottles. 4,534,153, 8-13-85, Cl. 53-448.000.
Nowicki, Ronald S.; and Moulder, John F., to Perkin-Elmer Corporation, The. Integrated circuit metallization technique. 4,513,905, 4-30-85, Cl. 228-123.000.
Nowinski, Robert C.; and Hoffman, Allan S., to Genetic Systems Corporation. Polymerizable compounds and methods for preparing synthetic polymers that integrally contain polypeptides. 4,511,478, 4-16-85, Cl. 210-691.000.
Nowobilski, Jeffert J.; and Owens, William J., to Union Carbide Corporation. High density load bearing insulation peg. 4,496,633, 1-29-85, Cl. 428-426.000.
Nowobilski, Jeffert J.; and Owens, William J., to Union Carbide Corporation. Peg supported thermal insulation panel. 4,514,450, 4-30-85, Cl. 428-120.000.
Nowobilski, Jeffert J.; and Kather, Kenneth C., to Union Carbide Corporation. Vacuum insulated conduit. 4,515,397, 5-7-85, Cl. 285-47.000.
Nowobilski, Jeffert J.; and Owens, William J., to Union Carbide Corporation. Insulation board and process of making. 4,537,820, 8-27-85, Cl. 428-285.000.
Nowobilski, Jeffert J.; and Acharya, Arun, to Union Carbide Corporation. Intercooler with three-section baffle. 4,561,498, 12-31-85, Cl. 165-160.000.
Nowogrodzki, Markus; and Mawhinney, Daniel D., to RCA Corporation. Dual frequency heart rate monitor utilizing doppler radar. 4,513,748, 4-30-85, Cl. 128-653.000.
Nox-Crete Chemicals, Incorporated: *See—*
  Linn, Michael A., 4,525,213, Cl. 106-2.000.
Noxon, Arthur M. Reflective acoustical damping device for rooms. 4,548,292, 10-22-85, Cl. 181-295.000.
Noyori, Masato; Saitou, Hiroyoshi; Sato, Masamitsu; and Kikuchi, Kiyoshi, to Agency of Industrial Science and Technology. Information retrieval device. 4,542,477, 9-17-85, Cl. 364-900.000.
Nozaka, Yoshiki, to Dai Nippon Insatsu Kabushiki Kaisha. Apparatus for splicing successive web rolls to feed a web into a rotary press or the like. 4,543,152, 9-24-85, Cl. 156-502.000.
Nozaka, Yoshiki, to Dai Nippon Insatsu Kabushiki Kaisha. Method of and device for preparing paper rolls for rotary presses and the like. 4,555,288, 11-26-85, Cl. 156-191.000.
Nozaki, Choji: *See—*
  Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,5[illegible], Cl. [illegible]9-98.000.
Nozaki, Hidetoshi; Kamimura, [illegible]aki; Hatayama, Tamothu; and Utagawa, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Photovoltaic device. 4,500,744, 2-19-85, Cl. 136-258.000.
Nozaki, Hiromi; and Yoshida, Eiichi, to Konishiroku Photo Industry Co., Ltd. Copying apparatus. 4,504,139, 3-12-85, Cl. 355-14.00R.
Nozaki, Hiroshi, to NGK Insulators, Ltd. Ball and socket type suspension insulator. 4,551,578, 11-5-85, Cl. 174-182.000.
Nozaki, Hisashi: *See—*
  Ikoma, Mitsugi; Shinada, Takeo; and Nozaki, Hisashi, 4,503,081, Cl. 426-268.000.
Nozaki, Keizo, to Yamato Mishin Seizo Kabushiki Kaisha. Hemming guide control for an overlock sewing machine. 4,512,270, 4-23-85, Cl. 112-140.000.
Nozaki, Kenzie, to Shell Oil Company. Olefin polymerization catalyst compositions and polymerization process. 4,497,905, 2-5-85, Cl. 502-107.000.
Nozaki, Masaoki: *See—*
  Amano, Masahiro; Seino, Shunji; Nishiyama, Ryota; and Nozaki, Masaoki, 4,519,873, Cl. 162-138.000.
Nozaki, Nobuharu: *See—*
  Kido, Keishiro; Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,555,464, Cl. 430-67.000.
  Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Kido, Keishiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,559,289, Cl. 430-66.000.
Nozaki, Satoshi: *See—*
  Suzuki, Migaku; Ochi, Mitsuzo; and Nozaki, Satoshi, 4,525,229, Cl. 156-161.000.
Nozaki, Shigeki; Takemae, Yoshihiro; and Nakano, Tomio, to Fujitsu Limited. Semiconductor memory device. 4,511,997, 4-16-85, Cl. 365-189.000.
Nozaki, Shigeki; and Miyahara, Hatsuo, to Fujitsu Limited. Semiconductor memory device. 4,535,423, 8-13-85, Cl. 365-51.000.
Nozaki, Shigeki; and Takemae, Yoshihiro, to Fujitsu Limited. Semiconductor memory device. 4,546,457, 10-8-85, Cl. 365-230.000.
Nozaki, Shigeki: *See—*
  Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.
  Takemae, Yoshihiro; Nozaki, Shigeki; Kabashima, Katsuhiko; and Enomoto, Seiji, 4,496,850, Cl. 307-269.000.
Nozaki, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Auxiliary radially shifting mechanism for vanes in a pump of the vane type. 4,493,626, 1-15-85, Cl. 418-260.000.
Nozaki, Tadashi, to Mitsubishi Denki Kabushiki Kaisha. Auxiliary radially shifting mechanism for vanes in a pump of the vane type. 4,494,918, 1-22-85, Cl. 418-260.000.
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  Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,531,420, Cl. 74-467.000.
  Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,531,623, Cl. 192-82.00R.
  Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,539,859, Cl. 74-475.000.
Nozaki, Takashi: *See—*
  Sakurai, Kunio; Ito, Hiroshi; and Nozaki, Takashi, 4,497,539, Cl. 350-164.000.
Nozaki, Yoshihiko: *See—*
  Takayanagi, Takeshi; Suzuki, Shizuo; Minowa, Susumu; and Nozaki, Yoshihiko, 4,557,316, Cl. 164-517.000.
Nozato, Fujio. Ball throwing machine. 4,561,414, 12-31-85, Cl. 124-78.000.
Nozawa, Atsushi, to Hitachi Denshi Kabushiki Kaisha. Alternate sweeping system for use in oscilloscope. 4,529,916, 7-16-85, Cl. 315-385.000.
Nozawa, Koji, to Nissan Motor Company, Limited. Clutch disc having damper springs. 4,518,071, 5-21-85, Cl. 192-106.200.
Nozawa, Koohei; Yoshizawa, Toyokichi; and Kuroda, Toshio, to Wakamoto Pharmaceutical Co., Ltd. 1-oxo-1,2,3,4-tetrahydro-3-isoquinoline carboxylic acid derivatives. 4,537,967, 8-27-85, Cl. 546-141.000.
Nozawa, Masafumi; and Miyazaki, Michio, to Hitachi, Ltd. Method of controlling storage device. 4,525,839, 6-25-85, Cl. 371-38.000.
Nozawa, Ryoichiro; and Kawamura, Hideaki, to Fanuc Ltd. Numerical control system. 4,497,028, 1-29-85, Cl. 364-474.000.
Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, to Fujitsu Fanuc Limited. Numerical controller

equipped with optional block skip function. 4,501,998, 2-26-85, Cl. 318-568.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, to Fujitsu Fanuc Limited. Position error correction equipment. 4,502,108, 2-26-85, Cl. 364-170.000.
- Nozawa, Ryoichiro; Komiya, Hidetsugu; Kishi, Hajimu; Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, to Fanuc Ltd. Method and apparatus for sensing present position in position control system. 4,503,372, 3-5-85, Cl. 318-560.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Ohtsuki, Toshiaki, to Fanuc Ltd. Numerical control system. 4,503,373, 3-5-85, Cl. 318-570.000.
- Nozawa, Ryoichiro; and Kawamura, Hideaki, to Fanuc Ltd. Numerical control method. 4,507,738, 3-26-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; Kiya, Nobuyuki; and Murakami, Kunihiko, to Fanuc Ltd. Method and apparatus for controlling feed speed in numerical control system. 4,510,427, 4-9-85, Cl. 318-590.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Miyata, Mitsuto, to Fanuc Ltd. Numerical control machine tool. 4,511,975, 4-16-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; and Kiya, Nobuyuki, to Fujitsu Fanuc Limited. Method and apparatus for controlling zero-point return of a movable element. 4,513,234, 4-23-85, Cl. 318-594.000.
- Nozawa, Ryoichiro; and Kawamura, Hideaki, to Fanuc Ltd. System for correcting positional error in numerical control devices. 4,514,813, 4-30-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Fujibayashi, Kentaro, to Fujitsu Fanuc Limited. Numerical control system. 4,516,211, 5-7-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; and Kiya, Nobuyuki, to Fujitsu Fanuc Limited. Numerical control system with graphical display processing of size and shape of part contour. 4,519,026, 5-21-85, Cl. 364-167.000.
- Nozawa, Ryoichiro; and Kiya, Nobuyuki, to Fanuc Ltd. Numerical control system. 4,534,001, 8-6-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, to Fanuc Ltd. Method for compensating for servo delay caused at an arc or corner. 4,543,625, 9-24-85, Cl. 364-169.000.
- Nozawa, Ryoichiro; Kiya, Nobuyuki; and Ichimura, Akio, to Fanuc Ltd. Measurement method by a numerical control device and an apparatus therefor. 4,549,271, 10-22-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; and Shima, Atsushi, to Fanuc Ltd. Method of numerical control and device therefor. 4,550,378, 10-29-85, Cl. 364-474.000.
- Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, to Fanuc Ltd. Acceleration/deceleration circuit. 4,554,497, 11-19-85, Cl. 318-636.000.
- Nozawa, Seiichi: *See—*
  - Hayashi, Masahiro; Nozawa, Seiichi; and Oikawa, Takashi, 4,520,208, Cl. 549-308.000.
- Nozawa, Takamitsu; Kishi, Takao; and Iizuka, Shigeo, to Yoshino Kogyosho Co. Ltd. Liquid spraying device. 4,530,449, 7-23-85, Cl. 222-189.000.
- Nozawa, Takamitsu: *See—*
  - Taguchi, Toshio; Akino, Hisashi; and Nozawa, Takamitsu, 4,513,877, Cl. 220-335.000.
- Nozawa, Yasushi: *See—*
  - Kitaguchi, Hiroshi; Itoh, Isamu; Fujiwara, Itsuo; Nozawa, Yasushi; and Kokubo, Tadayoshi, 4,546,075, Cl. 430-617.000.
- Nozawa, Yoshikuni, to Entac Company, Limited. Rotor/stator winding and method and apparatus for producing same. 4,538,083, 8-27-85, Cl. 310-198.000.
- Nozemack, Richard J.; Rudesill, John A.; Denton, Dean A.; and Feldwick, Raymond D., to W. R. Grace & Co. Catalyst manufacture. 4,542,118, 9-17-85, Cl. 502-65.000.
- Nozu, Taketo: *See—*
  - Kimura, Yoshiaki; Nozu, Taketo; and Tanaka, Yasuhiko, 4,521,788, Cl. 346-140.00R.
- Nozue, Ikutoshi; Fujii, Susumu; and Hanada, Masayuki, to Catalysts & Chemicals Industries Co., Ltd. Catalyst for use in hydrolysis of carbonyl sulfide. 4,511,668, 4-16-85, Cl. 502-84.000.
- Nozue, Shigehiro; and Fukuoka, Tatsuhiko, to Taiho Kogyo Co., Ltd. Tapered-land thrust bearing device. 4,522,513, 6-11-85, Cl. 384-368.000.
- NPI New Products Investment AB: *See—*
  - Stenvall, Carl-Johan, 4,512,590, Cl. 280-11.230.
- NPO "Burevestnik": *See—*
  - Goganov, Dmitry A.; and Ovchinnikov, Evgeny K., 4,510,391, Cl. 250-374.000.
- NPSP po Hydroplastichna Obrabotka na Metalite: *See—*
  - Petkov, Georgi K.; Botev, Botyo P.; Naydenov, Ivan H.; Metev, Georgi M.; and Petrov, Yakim N., 4,558,579, Cl. 72-56.000.
- NRG Inc. MN: *See—*
  - McNair, Rhett; and Helling, James, 4,520,436, Cl. 362-366.000.
- NRG Systems, Inc.: *See—*
  - Funke, Craig D., 4,497,310, Cl. 126-292.000.
- NRM Corporation: *See—*
  - Singh, Anand P.; Blosser, Virgil Y.; and Crumbacher, Thomas A., 4,527,946, Cl. 425-42.000.
  - Zakic, Paul, 4,541,792, Cl. 425-143.000.
- NSK-Warner K.K.: *See—*
  - Kawai, Osamu; and Ono, Katsuyasu, 4,555,074, Cl. 242-107.40A.
  - Kawai, Osamu, 4,555,127, Cl. 280-806.000.
  - Kawai, Osamu, 4,556,255, Cl. 297-483.000.
  - Kawai, Osamu, 4,561,677, Cl. 280-804.000.
  - Ono, Katsuyasu, 4,496,116, Cl. 242-107.40D.
  - Ono, Katsuyasu; and Sato, Tomosaburo, 4,498,222, Cl. 29-509.000.
  - Ono, Katsuyasu, 4,498,643, Cl. 242-107.40D.
  - Ono, Katsuyasu, 4,500,115, Cl. 280-808.000.
  - Ono, Katsuyasu, 4,536,011, Cl. 280-808.000.
  - Ono, Katsuyasu, 4,541,580, Cl. 242-107.40D.
  - Ono, Katsuyasu, 4,552,408, Cl. 297-483.000.
  - Sano, Yasumasa; and Ohwada, Tetsuya, 4,520,538, Cl. 24-682.000.
  - Sano, Yasumasa; and Ohwada, Tetsuya, 4,555,832, Cl. 24-682.000.
  - Tsukamoto, Masahiro, 4,506,845, Cl. 242-107.700.
  - Ueda, Takeo, 4,490,892, Cl. 24-641.000.
  - Yanagihara, Hideo, 4,534,520, Cl. 242-107.000.
- NSS, Industries, Inc.: *See—*
  - Ewing, Peter D., 4,500,224, Cl. 403-343.000.
- NTN Toyo Bearing Company, Limited: *See—*
  - Egusa, Tomoyoshi, 4,506,422, Cl. 29-148.40R.
  - Miki, Yutaka; Kuroda, Masayuki; and Omori, Tetsumi, 4,504,099, Cl. 384-543.000.
  - Tsushima, Noriyuki; and Hirose, Toshiharu, 4,541,157, Cl. 29-149.50C.
- Nu-Bar Electronics: *See—*
  - Gauthier, Edouard A., 4,520,236, Cl. 179-107.00E.
- Nu-Tec Incorporated: *See—*
  - Albertsen, Peter S.; and Miller, Thomas, 4,549,524, Cl. 126-289.000.
  - Albertsen, Peter S., 4,553,527, Cl. 126-58.000.
- Nu-Tech Industries, Inc.: *See—*
  - Knight, John H.; and Isaacson, Milton S., 4,492,903, Cl. 318-341.000.
- Nu-Way Energy Limited: *See—*
  - Lewis, David, 4,523,905, Cl. 431-351.000.
- Nubel, Philip O.: *See—*
  - Brown, Theodore L.; and Nubel, Philip O., 4,544,789, Cl. 585-511.000.
- Nubs Nob, Inc.: *See—*
  - Dilworth, James L.; and Brinks, Robert J., 4,493,457, Cl. 239-25.000.
- Nubson, Richard C.: *See—*
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- Nuckels nee Byth, Nancy J.; and Thompson, James L., to Dow Chemical Company, The. Surfactant compositions useful in enhanced oil recovery processes. 4,532,051, 7-30-85, Cl. 252-8.55D.
- Nuckols, Marshall L.: *See—*
  - Lippitt, Maxwell W., Jr.; and Nuckols, Marshall L., 4,503,565, Cl. 2-2.10R.
- Nuckols, Walter S.; Leonard, Walter G.; and Doble, Henry P., Jr. Calendar-oriented pill dispenser. 4,534,468, 8-13-85, Cl. 206-534.000.
- Nuclear & Environmental Protection, Inc.: *See—*
  - Fink, Carl M.; and Holman, Edward C., 4,505,190, Cl. 98-115.100.
- Nuclear Medicine, Inc.: *See—*
  - Russell, John L., Jr.; and Noonan, Denise J., 4,516,535, Cl. 128-1.100.
- Nuclear Metals, Inc.: *See—*
  - Walz, Mark J., 4,501,073, Cl. 34-9.000.
- Nuclear Monitoring Systems & Management Corporation: *See—*
  - Price, William E.; Galloway, Louie A., III; Lowrey, Charles B.; and Lewis, Donald R., 4,521,372, Cl. 376-250.000.
- Nuclepore Corp.: *See—*
  - Peterson, David D., 4,491,012, Cl. 73-61.400.
- Nucor Corporation: *See—*
  - Simpson, Harold G.; and Hollman, Bert D., 4,497,151, Cl. 52-520.000.
  - Simpson, Harold G.; and Neyer, Leo E., 4,528,784, Cl. 52-14.000.
- Nudd, Barry C.: *See—*
  - Maurer, Herman J.; Pedersen, Carl O.; and Nudd, Barry C., 4,500,250, Cl. 414-695.500.
- Nudd, Conrad T.; and Nudd, Frederick A., Jr. Tower base assembly. 4,503,645, 3-12-85, Cl. 52-40.000.
- Nudd, Frederick A., Jr.: *See—*
  - Nudd, Conrad T.; and Nudd, Frederick A., Jr., 4,503,645, Cl. 52-40.000.
- Nudd, Graham R.: *See—*
  - Grinberg, Jan; Etchells, Robert D.; Nudd, Graham R.; and Hansen, Siegfried, 4,507,726, Cl. 364-200.000.
- Nudenberg, Walter: *See—*
  - Matthews, Demetreos N.; and Nudenberg, Walter, 4,491,652, Cl. 525-247.000.
- Nuerrenbach, Axel: *See—*
  - Lechtken, Peter; Nuerrenbach, Axel; and Schole, Juergen, 4,510,146, Cl. 514-312.000.
  - Vogel, Friedrich; Paust, Joachim; and Nuerrenbach, Axel, 4,544,758, Cl. 549-407.000.
- Nuez, Jean-Paul: *See—*
  - Grandguillot, Michel; Mollier, Pierre; and Nuez, Jean-Paul, 4,529,896, Cl. 307-480.000.
- Nugent, Edward L.; and Lutkowski, Lawrence, to Becton, Dickinson and Company. Pour spout for container with improved pouring feature. 4,555,336, 11-26-85, Cl. 210-232.000.
- Nugent, Edward L., to Becton, Dickinson and Company. Pour spout for a container with improved screening feature. 4,555,341, 11-26-85, Cl. 210-359.000.
- Nugent, James E., to Water & Industrial Waste Laboratories, Inc. Reserve pit waste treatment system. 4,526,687, 7-2-85, Cl. 210-202.000.
- Nugent, James E., to Water & Industrial Waste Laboratories, Inc. Mobile waste water and sludge treatment for hazardous and non-hazardous fluids. 4,536,286, 8-20-85, Cl. 210-202.000.

- Nugent, Nancy: *See—*
  - Schroedel, Helmut; and Nugent, Nancy, 4,558,527, Cl. 40-343.000.
- Nugent, Robert T. Portable children's mirror. 4,529,278, 7-16-85, Cl. 350-631.000.
- Nugent, Thomas J., to Voest-Alpine International Corporation. Continuous casting plant for continuously casting a metal melt. 4,527,609, 7-9-85, Cl. 164-253.000.
- Nugent, Thomas J.: *See—*
  - Hargassner, Reinhard; Nugent, Thomas J.; Scheinecker, Alois; and Engel, Kurt, 4,532,981, Cl. 164-483.000.
- NuJack Oil Pump Corporation: *See—*
  - Stanton, George E., 4,501,119, Cl. 60-398.000.
  - Stanton, George E., 4,526,048, Cl. 74-53.000.
  - Stanton, George E., 4,545,737, Cl. 417-53.000.
- Nukem GmbH: *See—*
  - Hackstein, Karl; Hrovat, Milan; Schmidt-Hansberg, Thomas; Rachor, Lothar; and Huschka, Hans, 4,560,502, Cl. 252-628.000.
  - Hewig, Gert, 4,544,797, Cl. 136-249.000.
  - Hrovat, Milan; Huschka, Hans; Rachor, Lothar; and Vollath, Dieter, 4,562,017, Cl. 264-0.500.
  - Huschelrath, Gerhard; and Lein, Wilfried, 4,538,108, Cl. 324-232.000.
  - Schmidt, Gerhard; and Kohlpoth, Walter, 4,524,048, Cl. 422-159.000.
  - Sternberg, Walter; Schreyer, Fritz; and Ruth, Ursula, 4,510,811, Cl. 73-611.000.
  - Vietzke, Horst; Schlich, Elmar; Luthardt, Gunther; and Huschka, Hans, 4,562,001, Cl. 252-633.000.
- Nukii, Takashi; Nakabu, Shigeo; Iwasaki, Masaru; and Awane, Katunobu, to Sharp Kabushiki Kaisha. Thin structure of display panel. 4,514,042, 4-30-85, Cl. 350-331.00R.
- Nukii, Takashi: *See—*
  - Nakabu, Shigeo; Matsuda, Yuji; Yoshida, Hirokazu; Iwasaki, Masaru; Nukii, Takashi; and Awane, Katunobu, 4,544,989, Cl. 361-401.000.
- Nukina, Yasuyuki; Namikawa, Syunji; Tomioka, Toshikazu; Yamamoto, Takehiko; and Oi, Susumu, to Matsushita Electric Industrial Co., Ltd. Methane fermentation. 4,540,666, 9-10-85, Cl. 435-167.000.
- Null, Michael W.; Dotson, Robert N.; and Davis, Robert B., to Motorola, Inc. Current amplifier having multiple selectable outputs. 4,501,979, 2-26-85, Cl. 307-494.000.
- Null, Michael W.: *See—*
  - Miller, Ira; Null, Michael W.; and Dotson, Robert N., 4,501,974, Cl. 307-246.000.
  - Miller, Ira; and Null, Michael W., 4,514,651, Cl. 307-475.000.
- Null, Robert A.; Laughlin, Lonnie C.; and Goldberg, Michael L., to Wilkerson Corporation. Twin tower gas fractionation apparatus. 4,559,065, 12-17-85, Cl. 55-161.000.
- Nulman, Jaime; and Krusius, J. Peter, to Cornell Research Foundation, Inc. Fine line patterning method for submicron devices. 4,496,419, 1-29-85, Cl. 156-643.000.
- Numa, Shosaku; and Yanaihara, Noboru, to Mitsubishi Chemical Industries Limited. Polypeptides related to the pre-acetylcholine receptor-α of the electric organ of *Torpedo californica*. 4,518,527, 5-21-85, Cl. 260-112.50R.
- Numakami, Hajime; and Kuroda, Hideyuki, to Zeon Kasei Co., Ltd. Opening and closing type louver device. 4,527,355, 7-9-85, Cl. 49-82.000.
- Numakura, Hirotomo, to Maruma Jyusharyo Kabushikigaisha. Jig for assembling a track chain. 4,531,355, 7-30-85, Cl. 59-11.000.
- Numata, Hideo: *See—*
  - Matsubara, Naoki; and Numata, Hideo, 4,511,819, Cl. 310-340.000.
- Numata, Kiyoshi; Yoshida, Toshihiro; and Kokubo, Takashi, to Sony Corporation. Automatic viewing screen. 4,556,283, 12-3-85, Cl. 350-117.000.
- Numata, Koji: *See—*
  - Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji, 4,495,467, Cl. 324-244.000.
  - Kuno, Akira; Matsumoto, Muneaki; and Numata, Koji, 4,497,034, Cl. 364-571.000.
  - Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, 4,523,386, Cl. 33-357.000.
  - Matsumoto, Muneaki; Kuno, Akira; and Numata, Koji, 4,555,761, Cl. 364-424.000.
- Numata, Masanori: *See—*
  - Iwasawa, Hiroshi; Numata, Masanori; and Mama, Shinichi, 4,516,138, Cl. 346-80.000.
- Numata, Mitsuo; Minamida, Isao; Yamaoka, Masayoshi; Shiraishi, Mitsuru; and Miyawaki, Toshio, to Takeda Chemical Industries, Ltd. Cephalosporin derivatives. 4,517,361, 5-14-85, Cl. 544-24.000.
- Numata, Morikuni; and Nakadate, Toshihiko, to Honda Giken Kogyo Kabushiki Kaisha. Gun arm apparatus for resistance welding gun. 4,551,605, 11-5-85, Cl. 219-86.310.
- Numata, Morikuni: *See—*
  - Nakadate, Toshihiko; and Numata, Morikuni, 4,550,236, Cl. 219-86.310.
  - Nakadate, Toshihiko; Numata, Morikuni; Hamada, Akio; and Tsujii, Gen, 4,559,438, Cl. 219-90.000.
- Numata, Norio: *See—*
  - Yokoya, Satoshi; Numata, Norio; and Shimizu, Ikuo, 4,535,470, Cl. 381-15.000.
- Numata, Saburo, to Fuji Photo Optical Co., Ltd. Automatic focusing apparatus. 4,542,971, 9-24-85, Cl. 354-403.000.
- Numata, Satoshi: *See—*
  - Umemoto, Mitsumasa; Asano, Tamotsu; Nagata, Teruyuki; and Numata, Satoshi, 4,542,243, Cl. 568-636.000.
- Numata, Seiiti: *See—*
  - Muraki, Ryoji; Numata, Seiiti; and Hayashi, Kanji, 4,545,009, Cl. 364-164.000.
- Numata, Shigeaki: *See—*
  - Komatsu, Tatsuyoshi; Numata, Shigeaki; Hioki, Katsuhiko; and Sumino, Toshihiko, 4,530,745, Cl. 204-130.000.
  - Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, 4,536,337, Cl. 260-396.00R.
- Numata, Takuhisa: *See—*
  - Sakurai, Yoshifumi; and Numata, Takuhisa, 4,516,222, Cl. 365-32.000.
- Numata, Tatsuo, to Pioneer Electronic Corporation. Differential amplifier output leading circuit, and intermediate frequency amplifier using same. 4,495,469, 1-22-85, Cl. 330-2.000.
- Numata, Tatsuo, to Pioneer Electronic Corporation. Circuit for driving a signal meter for a receiver. 4,555,671, 11-26-85, Cl. 330-252.000.
- Numata, Tatsuo: *See—*
  - Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, 4,497,063, Cl. 381-7.000.
  - Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, 4,502,148, Cl. 381-7.000.
  - Ishida, Kohji; Numata, Tatsuo; and Sakamoto, Masaharu, 4,523,329, Cl. 381-3.000.
  - Ishida, Kohji; Numata, Tatsuo; and Sakamoto, Masaharu, 4,539,697, Cl. 381-7.000.
  - Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.
- Numata, Yoshihiko: *See—*
  - Takada, Kazuya; Toyama, Shigeyuki; and Numata, Yoshihiko, 4,526,772, Cl. 423-556.000.
- Numata, Yoshimi: *See—*
  - Shiraishi, Minoru; Numata, Yoshimi; Tano, Hiroshi; and Onaka, Tatsumi, 4,532,878, Cl. 114-222.000.
- Numazawa, Akio; Sakai, Ichio; Kumagai, Tadanobu; and Nishikawa, Seiichi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Double cardan universal joint. 4,508,522, 4-2-85, Cl. 464-11.000.
- Numbers, Jody L.: *See—*
  - Green, Jacqueline M.; and Numbers, Jody L., 4,512,489, Cl. 220-19.000.
  - Knotter, David G.; and Numbers, Jody L., 4,527,579, Cl. 135-74.000.
- Numminen, Matti: *See—*
  - Juhola, Mauno O.; and Numminen, Matti, 4,537,527, Cl. 405-50.000.
- Numonics Corporation: *See—*
  - Hulls, Leonard R., 4,552,991, Cl. 178-19.000.
- Numrich, Rudi: *See—*
  - Erdmannsdorfer, Hans; Wagner, Manfred; Numrich, Rudi; and Weyh, Gerd, 4,516,990, Cl. 55-96.000.
- Nun, Emmanuel B.; Izhar, Rafi; and Karpol, Avner, to Optrotech Ltd. Optical scanning apparatus. 4,555,727, 11-26-85, Cl. 358-106.000.
- Nunberg, Jack: *See—*
  - Bahl, Chander P.; and Nunberg, Jack, 4,555,486, Cl. 435-91.000.
- Nunes, Maurice: *See—*
  - Birkner, Joseph R.; Nunes, Maurice; and Hurley, James R., 4,552,123, Cl. 126-369.000.
  - Hurley, James R.; Searight, Edward F.; and Nunes, Maurice, 4,493,308, Cl. 126-41.00R.
- Nunez, Cesar L.: *See—*
  - Espinosa, Fausto L.; and Nunez, Cesar L., 4,500,826, Cl. 318-820.000.
- Nunez, Chris E., to Warner-Lambert Company. Fluid flow regulating unit for intravascular catheter systems. 4,550,748, 11-5-85, Cl. 137-605.000.
- Nunheimer, Thomas P.: *See—*
  - Talbert, Sherwood G.; Flanigan, Lawrence J.; Corliss, John M.; Hagopian, John G.; and Nunheimer, Thomas P., 4,557,253, Cl. 126-429.000.
- Nunley, Allen; and Kampfer, John G., to Halliburton Company. Detector pulse forming system for nuclear well logging tools. 4,543,478, 9-24-85, Cl. 250-261.000.
- Nunlist, Erwin J., to Kennecott Corporation. Repair plug assembly for vessel having a corrosion resistant lining. 4,497,418, 2-5-85, Cl. 220-234.000.
- Nunlist, Erwin J., to Kennecott Corporation. Apparatus for applying internal coatings in hot vessels. 4,532,885, 8-6-85, Cl. 118-308.000.
- Nunlist, Erwin J., to Kennecott Corporation. Apparatus for applying internal coatings in hot vessels. 4,538,543, 9-3-85, Cl. 118-308.000.
- Nunn, Gary F., to Du Pont de Nemours, E. I., and Company. Apparatus for tensioning and forwarding tow. 4,554,716, 11-26-85, Cl. 28-263.000.
- Nunn, Michael J.: *See—*
  - Reeder, Frank; Nunn, Michael J.; Mitchell, Michael J.; and Baxter, Kenneth F., 4,501,615, Cl. 106-14.390.
- Nunn, Robert H.: *See—*
  - Bloomer, James W., II; and Nunn, Robert H., 4,498,329, Cl. 73-9.000.
- Nunn, Timothy A.: *See—*
  - Kurtz, Anthony D.; Nunn, Timothy A.; and Mallon, Joseph R., 4,510,671, Cl. 29-571.000.
  - Kurtz, Anthony D.; Nunn, Timothy A.; and Mallon, Joseph R., 4,516,430, Cl. 73-727.000.
- Nunn, William M., III: *See—*
  - List, John F.; and Nunn, William M., III, 4,545,418, Cl. 160-213.000.

Nunogaki, Yoshiaki; Kobayashi, Tetsuya; and Kosuge, Yasutaka, to Sanki Engineering Co., Ltd. Apparatus for counting numbers of fine particles. 4,550,417, 10-29-85, Cl. 377-10.000.

Nunokawa, Atsushi: *See*—
- Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,553,682, Cl. 220-75.000.
- Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,556,354, Cl. 413-15.000.

Nunokawa, Eiichi; Ishida, Toshihiko; and Ohira, Yasuo, to TDK Corporation. Hub of a tape cassette. 4,511,099, 4-16-85, Cl. 242-71.800.

Nunokawa, Hideo: *See*—
- Takahashi, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, 4,551,634, Cl. 307-243.000.
- Takahaski, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, 4,550,264, Cl. 307-264.000.

Nunokawa, Kazuo; and Masuyama, Masayuki, to Tokyo Kogaku Kikai Kabushiki Kaisha. Ophthalmic apparatus having means for automatic detection of appropriate position of eye to be examined. 4,511,227, 4-16-85, Cl. 351-208.000.

Nunokawa, Kazuo, to Tokyo Kogaku Kikai Kabushiki Kaisha. Ophathalmoscopic camera having a focus detecting system. 4,544,248, 10-1-85, Cl. 354-62.000.

Nunokawa, Kazuo, to Tokyo Kogaku Kikai Kabushiki Kaisha. Variable image magnification eye fundus camera. 4,558,932, 12-17-85, Cl. 351-206.000.

Nunokawa, Makoto: *See*—
- Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, 4,505,540, Cl. 350-96.200.
- Tatekura, Koichi; Yamamoto, Hitoshi; Nunokawa, Makoto; and Ejiri, Yoshihiro, 4,506,947, Cl. 350-96.210.

Nunomura, Shigeki: *See*—
- Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Nunomura, Shigeki; Sakurai, Yojiro; and Okutome, Toshiyuki, 4,496,584, Cl. 514-510.000.
- Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Sakurai, Yojiro; Nunomura, Shigeki; and Okutome, Toshiyuki, 4,514,416, Cl. 549-442.000.

Nunose, Akira: *See*—
- Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, 4,514,512, Cl. 502-107.000.
- Shiga, Akinobu; Sasaki, Toshio; Kojima, Junpei; and Nunose, Akira, 4,554,264, Cl. 502-112.000.

Nunzio, Godoli: *See*—
- Gianezio, Paribelli; and Nunzio, Godoli, 4,520,511, Cl. 3-1.913.

Nuodex Inc.: *See*—
- Petronella, Joseph, 4,518,395, Cl. 44-53.000.

Nuova Faema S.p.A.: *See*—
- Longo, Walter G., 4,505,191, Cl. 99-300.000.
- Longo, Walter G., 4,551,611, Cl. 219-308.000.

Nuovo Pignone S.p.A.: *See*—
- Corain, Luciano, 4,538,648, Cl. 139-79.000.
- Vinciguerra, Constantino, 4,516,908, Cl. 415-122.00R.
- Vinciguerra, Costantino; and Lephilibert, Jean, 4,546,953, Cl. 251-58.000.
- Zanobini, Alessandro, 4,513,813, Cl. 165-111.000.

Nupro Company: *See*—
- Bork, Carl R., Jr.; Steiss, William C.; Tobbe, William P.; Shufflebarger, Earl D.; Matousek, Stephen; and Gardner, Thomas J., 4,530,373, Cl. 137-516.290.

Nurck, Wilhelm: *See*—
- Kirchesch, Heinz-Peter; Nurck, Wilhelm; and Widl, Wolfgang, 4,559,425, Cl. 200-146.00R.

Nurk, Siegfried, to Spira Patententwicklung-und Beteiligungsgegesellschaft mbH. Thread-braking device for a textile machine. 4,516,738, 5-14-85, Cl. 242-152.100.

Nurmi, Uuno: *See*—
- Artama, Arvi; and Nurmi, Uuno, 4,553,987, Cl. 55-118.000.

Nurminen, Aimo: *See*—
- Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Iisakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, 4,491,952, Cl. 373-74.000.

Nurmio, Matti: *See*—
- Eskelinen, Pekka; and Nurmio, Matti, 4,516,330, Cl. 34-23.000.

Nurney, David J., to Indian Industries, Inc. Compound bow and eccentric wheel assemblies therefor. 4,515,142, 5-7-85, Cl. 124-23.00R.

Nusbaum, Arthur, to Nusbaum, Robert; Nusbaum, Howard; and Selick, Barbara. Underfloor assembly and cable distribution system and cable trench therefor. 4,558,546, 12-17-85, Cl. 52-221.000.

Nusbaum, Arthur, to Nusbaum, Robert; Nusbaum, Howard; and Selick, Barbara. Underfloor assembly and cable distribution system therefor. 4,559,749, 12-24-85, Cl. 52-221.000.

Nusbaum, Howard: *See*—
- Nusbaum, Arthur, 4,558,546, Cl. 52-221.000.
- Nusbaum, Arthur, 4,559,749, Cl. 52-221.000.

Nusbaum, Robert: *See*—
- Nusbaum, Arthur, 4,558,546, Cl. 52-221.000.
- Nusbaum, Arthur, 4,559,749, Cl. 52-221.000.

Nusbaum, Ronnie W. Combination car seat and stroller. 4,537,414, 8-27-85, Cl. 280-47.410.

Nusonics, Inc.: *See*—
- Zacharias, Ellis M., Jr., 4,505,160, Cl. 73-861.180.
- Zacharias, Ellis M., Jr., 4,523,478, Cl. 73-861.280.

Nussbaum, Helmut; and Weber, Adolf, to Diehl GmbH & Co. Fragmentation body for fragmentation projectiles and warheads. 4,503,776, 3-12-85, Cl. 102-496.000.

Nussbaum, Joel H., to Standard Products Company, The. Method of making a laminate construction. 4,497,678, 2-5-85, Cl. 156-244.110.

Nussbaum, Joel H., to Standard Products Company, The. Thermoplastic elastomer molding. 4,515,649, 5-7-85, Cl. 156-244.110.

Nussbaum, Otto J., to Halstead Industries, Inc. Multiple source energy recovery system. 4,546,818, 10-15-85, Cl. 165-47.000.

Nussbaumer, Dietmar; Perl, Horst; and Vinh, Khuong T., to Sartorius GmbH. Apparatus for static membrane filtration. 4,522,713, 6-11-85, Cl. 210-136.000.

Nussbaumer, Manfred; Beitinger, Eberhard; and Mohlenbrink, Wolfgang, to Ed. Zublin Aktiengesellschaft. Method for determining the position of a pressed-ahead hollow-section line, and apparatus for implementing the method. 4,513,504, 4-30-85, Cl. 33-1.00H.

Nussbaumer, Wolfgang, to Kastle Gesellschaft m.b.H. Ski. 4,509,771, 4-9-85, Cl. 280-609.000.

Nussbickl, Walter, to Uvex Winter Optik GmbH. Safety goggles, in particular for work use. 4,527,291, 7-9-85, Cl. 2-450.000.

Nussdorfer, Theodore J.; and Kesseli, James B., to Sanders Associates, Inc. Brayton engine burner. 4,509,333, 4-9-85, Cl. 60-723.000.

Nussdorfer, Theodore J.: *See*—
- Sebestyen, George; Sinclair, Ronald R.; Smith, John A.; Sands, Timothy B.; and Nussdorfer, Theodore J., 4,512,537, Cl. 244-3.210.
- Sinclair, Ronald R.; and Nussdorfer, Theodore J., 4,561,611, Cl. 244-3.160.

Nussdorfer, William R.; Brancheau, Harry A.; and Clark, Steven C., to White Consolidated Industries, Inc. Reverse cycle room air conditioner with auxilliary heat actuated at low and high outdoor temperatures. 4,550,770, 11-5-85, Cl. 165-29.000.

Nusse, Theo, to Nixdorf Computer AG. Image reproducing apparatus. 4,503,463, 3-5-85, Cl. 358-148.000.

Nusselder, Frederik B., to Polygram GmbH. Storage cassette for two or more disk-shaped high memory density information carriers. 4,535,888, 8-20-85, Cl. 206-444.000.

Nussenbaum, Joseph: *See*—
- Gresser, Herbert D.; and Nussenbaum, Joseph, 4,546,231, Cl. 219-121.0LN.

Nusser, Alban, to Siemens Aktiengesellschaft. Device for inking an electrostatic charge image with toner particles. 4,527,884, 7-9-85, Cl. 355-3.0DD.

Nusser, Hermann: *See*—
- Maisch, Wolfgang; Nusser, Hermann; Peters, Klaus-Jurgen; and Strohl, Willi, 4,530,329, Cl. 123-447.000.

Nusser, Horst D.: *See*—
- Stehning, Werner; and Nusser, Horst D., 4,539,024, Cl. 55-223.000.

Nussle, Gerard: *See*—
- Herzog, Siegfried; Jordan, Hans-Peter; Nolscher, Henryk; Bauer, Wilhelm; Grabner, Christian; Klein, Wilhelm; Krugener, Rolf; Bausch, Max; and Nussle, Gerard, 4,502,759, Cl. 350-636.000.

Nusslein, Hans: *See*—
- Puchta, Rolf; Nusslein, Hans; Boeck, Alexander; and Streschnak, Benno, 4,526,694, Cl. 252-8.800.

NUSTEP Trenndusen Entwicklungs- und Patentverwertungsgesellschaft mbH & Co. KG.: *See*—
- Grossstuck, Werner; and Schafer, Rainer, 4,528,007, Cl. 55-395.000.

Nutech Energy Systems, Inc.: *See*—
- Lewis, James H., 4,554,719, Cl. 29-157.30R.

Nutek, Incorporated: *See*—
- Mackie, Ronald D., 4,558,673, Cl. 123-416.000.

Nuti, Marianna: *See*—
- Schlom, Jeffery; Colcher, David; Nuti, Marianna; Hand, Patricia H.; and Austin, Faye, 4,522,918, Cl. 435-68.000.

Nutri-Developers, Inc.: *See*—
- Malone, Thomas J., 4,508,029, Cl. 99-516.000.

Nuts, Incorporated: *See*—
- Espey, Carl R.; and Andrews, Barney A., 4,506,399, Cl. 10-86.00R.

Nutt, Michael O.: *See*—
- Cook, Frank T.; Nutt, Michael O.; and Hsieh, Hsin H., 4,500,717, Cl. 548-229.000.

Nutt, Phillip: *See*—
- Hamy, Norbert; Nutt, Phillip; and Sheridan, Douglas, 4,559,723, Cl. 36-102.000.

Nutt, Ruth F., to Merck & Co., Inc. Cyclic hexapeptide somatostatin analogs. 4,522,813, 6-11-85, Cl. 514-11.000.

Nuttall, Herbert E., Jr.: *See*—
- Amirijafari, Bahram; and Nuttall, Herbert E., Jr., 4,495,057, Cl. 208-11.00R.

Nuttall, Michael: *See*—
- Weiland, Herbert; Nuttall, Michael; and Kozuka, Michihiro, 4,553,947, Cl. 446-443.000.

Nuttall, Michael J.: *See*—
- Yurchenco, James R.; and Nuttall, Michael J., 4,524,940, Cl. 248-359.000.

Nuttall, Michael W.: *See*—
- Iseki, Takeo; Nuttall, Michael W.; Spring, Gorden; and Weiland, Herbert, 4,529,207, Cl. 273-357.000.

Nutter, Dale E. Gas-liquid contact apparatus and method of making it. 4,557,876, 12-10-85, Cl. 261-94.000.

Nutter, Norman E., to General Electric Company. Coupling guard seal assembly. 4,549,740, 10-29-85, Cl. 277-189.000.

Nutter, Robert C.; and Panganiban, Lucy C., to Stauffer Chemical Company. Corynebacterium plasmid and vector. 4,559,308, 12-17-85, Cl. 435-317.000.

Nutting, H. Eugene: *See—*

Isakson, John E.; and Nutting, H. Eugene, 4,521,132, Cl. 405-166.000.

Nuttle, David A. Heat storage means. 4,507,218, 3-26-85, Cl. 252-70.000.

Nuttle, David A. Structure heating and cooling system. 4,552,212, 11-12-85, Cl. 165-48.200.

Nuttle, David A. Composting container for field use. 4,552,484, 11-12-85, Cl. 405-128.000.

Nutzel, Karl: *See—*

Bauer, Armin; Ehrend, Helfried; Morche, Klaus; Nutzel, Karl; and Sauerbier, Michael, 4,524,182, Cl. 525-120.000.

Nuvatec, Inc.: *See—*

Slavik, William H., 4,499,385, Cl. 307-10.00R.

Slavik, William H.; and Huber, William B., 4,525,163, Cl. 604-65.000.

Slavik, William H.; and Huber, William B., 4,551,134, Cl. 604-67.000.

Nuytten, Rene T., to Can-Dive Services Ltd. Rotary joint. 4,549,753, 10-29-85, Cl. 285-95.000.

Nuzillat, Gerard; and Bert, Georges, to Thomson-CSF. High-entrance high-speed logic operator which has a complex digital function and utilizes at least one quasi-normally off MESFET. 4,514,649, 4-30-85, Cl. 307-450.000.

Nuzzi, Frank J.: *See—*

Fruzzetti, Paul R.; Leavitt, Philip J.; and Nuzzi, Frank J., 4,499,752, Cl. 73-40.700.

Nuzzo, Ralph G.: *See—*

Dubois, Lawrence H.; and Nuzzo, Ralph G., 4,507,401, Cl. 502-242.000.

N.V. Bekaert S.A.: *See—*

Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, 4,514,520, Cl. 502-337.000.

Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, 4,515,905, Cl. 502-309.000.

N.V. Nederlandsche Apparatenfabriek Nedap: *See—*

Fockens, Tallienco W. H., 4,551,712, Cl. 340-572.000.

Harmsen, Jan H., 4,559,904, Cl. 119-51.00R.

N.V. Nederlandse Metaalindustrie Polynorm: *See—*

van Wieringen, Gijsbertus L., 4,510,722, Cl. 52-213.000.

N.V. Optische Industrie "De Oude Delft" : *See—*

Burgemeister, Eduard A., 4,511,783, Cl. 219-121.0LM.

N.V. Raychem S.A.: *See—*

De Groot, Hubert, 4,500,371, Cl. 156-48.000.

Henry, Rene H.; and Nolf, Jean M. E., 4,518,448, Cl. 156-86.000.

Maukola, Pekka J., 4,514,241, Cl. 156-79.000.

Moisson, Marc; Van Noten, Lodewijk; Overbergh, Noel; Franckx, Joris; and Buekers, Valere, 4,498,938, Cl. 156-49.000.

Moisson, Marc F. L., 4,511,611, Cl. 428-35.000.

Overbergh, Noel M. M.; Doucet, Jos; and Vansant, Jan, 4,521,470, Cl. 428-36.000.

Wille, Marc, 4,515,831, Cl. 427-223.000.

N.V. Weefautomaten Picanol: *See—*

Rosseel, Henri J.; and Deconinck, Filip N., 4,501,008, Cl. 377-2.000.

NWL Transformers: *See—*

Seitz, James P.; and Zara, Rodger A., 4,527,221, Cl. 361-379.000.

Seitz, James P.; and Helmers, Michael, 4,536,659, Cl. 307-41.000.

Ny, Nils O., to RCA Corporation. Mechanically-actuated touchbars and touchplates using multiple-closure switches. 4,543,562, 9-24-85, Cl. 340-365.00S.

Nyboer, Duane A., to Mechanical Transplanter Company. Machine for laying film material. 4,513,530, 4-30-85, Cl. 47-9.000.

Nycoil Company: *See—*

Mode, Paul, 4,508,369, Cl. 285-39.000.

Nye, Gerald P., Jr. Golf club grip cleaner. 4,554,696, 11-26-85, Cl. 15-21.00D.

Nye, Susan A.: *See—*

White, Dwain M.; and Nye, Susan A., 4,503,214, Cl. 528-212.000.

Nyegaard & Co. A/S: *See—*

Benneche, Tore; Strande, Per; and Undheim, Kjell, 4,539,324, Cl. 514-274.000.

Laerum, Ole D., 4,499,081, Cl. 514-17.000.

Nyfeler, Alex; Gehr, Peter; Stalder, Martin; and Antes, Gregor, to LGZ Landis & Gyr Zug AG. Apparatus for embossing high resolution relief patterns. 4,556,378, 12-3-85, Cl. 425-143.000.

Nyfeler, Robert, to Ciba-Geigy Corporation. N-aminomethyl-3-phenyl-4-cyanopyrrole derivatives, compositions and use thereof as microbicides. 4,546,099, 10-8-85, Cl. 514-212.000.

Nyffeler, Felix, to Siemens-Albis AG. Surface acoustic wave filter. 4,516,093, 5-7-85, Cl. 333-193.000.

Nyffeler, Heinz; and Buri, Rudolf, to Von Roll AG. Electrically weldable bushings. 4,530,520, 7-23-85, Cl. 285-21.000.

Nyffeler, Heinz; and Banholzer, Guido, to Von Roll AG. Electrically weldable socket for joining pipe members. 4,530,521, 7-23-85, Cl. 285-21.000.

Nygaard, Erik C.: *See—*

Tag, Arne; Petterson, Bjorn R.; and Nygaard, Erik C., 4,500,369, Cl. 149-2.000.

Nygaard, Richard A., Jr.; and Palmer, Fredrick J., to Hewlett-Packard Company. Method and apparatus for determining if a digital value lies within a range. 4,554,632, 11-19-85, Cl. 364-300.000.

Nygren, Alf S.: *See—*

Agback, Karl H.; and Nygren, Alf S., 4,528,367, Cl. 534-599.000.

Nygren, B. Hakan; Sandstrom, E. Torbjorn; Stenberg, Johan E.; and Stiblert, Lars B., to Sagax Instrument AB. Method and member for detecting and/or measuring the concentration of a chemical substance. 4,558,012, 12-10-85, Cl. 436-501.000.

Nygren, Bertil: *See—*

Bjorklund, Robert; Gustavsson, Hans; Lundstrom, Ingemar; and Nygren, Bertil, 4,521,450, Cl. 427-121.000.

Nygren, Donald W.: *See—*

Jorgensen, Jorgen A.; and Nygren, Donald W., 4,504,715, Cl. 219-10.55F.

Jorgensen, Jorgen A.; and Nygren, Donald W., 4,523,070, Cl. 219-10.55F.

Nygren, Ingemar K.: *See—*

Selestam, Rune K.; and Nygren, Ingemar K., 4,534,705, Cl. 416-162.000.

Nyitrai, Jozsef: *See—*

Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.

Lempert, Karoly; Doleschall, Gabor; Fetter, Jozsef; Hornyak, Gyula; Nyitrai, Jozsef; Simig, Gyula; and Zauer, Karoly, 4,559,406, Cl. 549-291.000.

Nylander, Eric F.; and Fourre, Thomas E. Earthquake-proof construction bracket. 4,531,334, 7-30-85, Cl. 52-109.000.

Nylco Corporation: *See—*

Coughlin, Thomas E., 4,515,844, Cl. 428-82.000.

Nylund, Olov; and Scholin, Bertil, to AB Asea-Atom. Fuel assembly with a water flow separated from the fuel rods. 4,526,745, 7-2-85, Cl. 376-444.000.

Nylund, Olov: *See—*

Borrman, Bo; Leine, Lars; Nylund, Olov; and Ode, Bengt, 4,526,744, Cl. 376-440.000.

Nylund, Theodore W.: *See—*

Barry, Robert F.; Delzell, Susan C.; Wilson, John F.; and Nylund, Theodore W., 4,560,532, Cl. 376-434.000.

Nyman, Bror G.: *See—*

Blomquist, Seppo I.; Saarela, Markku T.; Pouru, Hannu J.; Nyman, Bror G.; Lindroos, Kaj-Henrik; Koivunen, Timo T.; and Fugleberg, Sigmund P., 4,526,650, Cl. 156-642.000.

Hultholm, Stig-Erik; Lilja, Launo L.; Makitalo, Valto J.; and Nyman, Bror G., 4,548,765, Cl. 261-93.000.

Nyman, Georg: *See—*

Schindl, Klaus; and Nyman, Georg, 4,536,732, Cl. 335-285.000.

Nyman, Sigurd: *See—*

Jonsson, Arne; Nyman, Sigurd; Olelind, Eskil K.; and Olofsson, Bjorn, 4,555,218, Cl. 416-17.000.

Nyman, Stephen H. Method for forming glazed tile. 4,538,588, 9-3-85, Cl. 125-23.00R.

Nyman, Tapani: *See—*

Laitinen, Sakari; and Nyman, Tapani, 4,552,619, Cl. 162-336.000.

Nypro Inc.: *See—*

Lankton, Gordon B., 4,534,464, Cl. 206-343.000.

Nyquist, Jack K.: *See—*

Chao, Tze; and Nyquist, Jack K., 4,532,113, Cl. 423-138.000.

Nysted, Leonard N., to G. D. Searle & Co. Aminoalkyl steroids. 4,495,102, 1-22-85, Cl. 260-239.500.

Nysted, Leonard N.; and Pappo, Raphael, to G. D. Searle & Co. 5 fluoro PGI compounds. 4,540,801, 9-10-85, Cl. 549-465.000.

Nystrom, Borje: *See—*

Hansen, Helge; Nystrom, Borje; and Torneng, Eyvin, 4,534,976, Cl. 514-169.000.

Nystrom Nordpatent Aktiebolag: *See—*

Mattsson, Lars B. E., 4,546,668, Cl. 74-531.000.

Nystrom, Per: *See—*

Bjelvert, Sven; Olofsson, Goran; and Nystrom, Per, 4,506,603, Cl. 102-401.000.

Nystrom, Wilford O.; Riedel, Kenneth E.; and Doerschner, David L., to Hollister Incorporated. External male catheter and applicator. 4,540,409, 9-10-85, Cl. 604-349.000.

O.C.C. Company Limited: *See—*

Ohno, Atsumi, 4,515,204, Cl. 164-483.000.

O. Dorries GmbH: *See—*

Banning, Jurgen, 4,541,896, Cl. 162-363.000.

O. F. Mossberg & Sons, Inc.: *See—*

Grehl, William H., 4,505,183, Cl. 89-191.010.

O. G. Hoyer A/S: *See—*

Waldstrom, Ejvind, 4,548,573, Cl. 425-442.000.

O. I. Corporation: *See—*

Hall, Randall C., 4,555,383, Cl. 422-89.000.

O.K. Industries Inc.: *See—*

Weltman, David; and Tsipenyuk, Pyotr, 4,508,403, Cl. 339-28.000.

O. Kytola ja Kumpp. Kommandiittiyhtio : *See—*

Horttonen, Kalevi, 4,519,247, Cl. 73-198.000.

O M Industrial Co., Ltd.: *See—*

Hiraishi, Hideki, 4,494,673, Cl. 220-288.000.

O-M Limited: *See—*

Kase, Hiroshi; Matsumoto, Yoshiaki; and Ohkawa, Kouji, 4,521,950, Cl. 29-568.000.

Tada, Akira; and Tanigawa, Koichi, 4,559,030, Cl. 493-252.000.

O. M. Scott and Sons Company, The: *See—*

Lemkin, Jack L., 4,538,762, Cl. 239-232.000.

Viets, Alan K.; Amerine, James D.; and Lowe, Henry M., 4,491,254, Cl. 222-83.500.

O.P.E. Co. Ltd.: *See—*

Manabe, Nobuyuki; and Goto, Takahiro, 4,515,312, Cl. 239-227.000.

O & S Manufacturing Company: *See—*

Rose, John A., 4,527,803, Cl. 277-1.000.

Smith, Joseph E., Jr., 4,493,512, Cl. 308-2.00R.

- O.T.H. Beier & Company (Proprietary) Limited: *See—*
  - Beier, Oskar H. G.; Kerf, Joseph B. J.; and Ekegren, Sven G., 4,558,574, Cl. 68-18.00R.
- O.T. Pumpen GmbH & Co. KG: *See—*
  - Stahlkopf, Friedrich R. R., 4,521,163, Cl. 417-238.000.
- O Tray Corporation: *See—*
  - Formo, Jerome L.; Lasher, Albert C.; and White, Robert W., 4,524,512, Cl. 30-147.000.
- O-Two Systems International Inc.: *See—*
  - Flynn, Stephen D., 4,532,923, Cl. 128-205.130.
- O/Y KYRO A/B Tamglass: *See—*
  - Peltonen, Esko J., 4,497,645, Cl. 65-107.000.
- Oace, Jon R., to Research Industries, Inc. Fluid propelling and filtering apparatus with removable filter cartridge. 4.547,208, 10-15-85, Cl. 55-400.000.
- Oak Industries Inc.: *See—*
  - Bluestein, Leo I.; Crandell, Paul E.; Drake, David A.; Jedynak, Leo; and Simpson, Larry W., 4,531,021, Cl. 178-22.080.
  - Konicek, Jiri K., 4,503,112, Cl. 428-216.000.
  - Van Zeeland, Anthony J.; and Denley, Ronald S., 4,553,009, Cl. 200-340.000.
  - Van Zeeland, Anthony J.; Larson, Willis A.; and Christensen, David A., 4,559,426, Cl. 200-159.00B.
  - Wechselberger, Anthony J.; Bluestein, Leo I.; Jedynak, Leo; Drake, David A.; and Simpson, Larry W., 4,531,020, Cl. 178-22.080.
- Oakdale, Warren R.: *See—*
  - Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., 4,503,162, Cl. 502-174.000.
  - Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., 4,521,394, Cl. 423-363.000.
- Oake, Hugh F. Game table with multiple playing surfaces. 4,552,362, 11-12-85, Cl. 273-237.000.
- Oakes, Harry C. Hole punch apparatus. 4,495,699, 1-29-85, Cl. 30-360.000.
- Oakes, John, to Lever Brothers Company. Bleaching and cleaning composition. 4,539,132, 9-3-85, Cl. 252-95.000.
- Oakes, Martin C. Electrical switchgear. 4,492,831, 1-8-85, Cl. 200-50.00A.
- Oakes, Philip B., Jr. Electrically heated musical instrument stand. 4,529,865, 7-16-85, Cl. 219-201.000.
- Oakes, Thomas R.: *See—*
  - Freis, Richard E.; Maloney, James E.; and Oakes, Thomas R., 4,518,459, Cl. 162-5.000.
- Oakland Corporation, The: *See—*
  - Wallace, Richard B., 4,501,041, Cl. 10-86.00A.
  - Wallace, Richard B., 4,508,759, Cl. 427-195.000.
  - Wallace, Richard B., 4,545,712, Cl. 411-258.000.
- Oakley, Charles B.: *See—*
  - Adelsen, Edward H.; and Oakley, Charles B., 4,523,220, Cl. 358-12.000.
- Oakley, Clyde G.; Guess, Joe F.; Robbins, Cheston W.; Kelly, Robert M.; Skaar, Dean N.; and Walker, Stephen D., to Technicare Corporation. Ultrasonic emulsion fluids. 4,542,745, 9-24-85, Cl. 252-312.000.
- Oakley. David J.; and Groves, Oliver J., to United States of America, Energy. Evacuate and backfill apparatus and method. 4,558,982, 12-17-85, Cl. 414-288.000.
- Oakley, Inc.: *See—*
  - Tackles, George, 4,515,448, Cl. 351-41.000.
- Oakley, John R., to Metal Box p.l.c. Sealing lids to tray-like containers. 4,559,092, 12-17-85, Cl. 156-69.000.
- Oakley, Raymond E.: *See—*
  - Rhodes, Stephen J.; and Oakley, Raymond E., 4,536,951, Cl. 29-589.000.
- Oakley, Tony D. Method of manufacture of warp-resistant necks for stringed instruments. 4,506,584, 3-26-85, Cl. 84-293.000.
- Oaku, Takaaki; Maki, Yoshihiro; and Hokazono, Yasuzi, to Nissan Motor Company, Limited. Wear-resistant sintered ferrous alloy and method of producing same. 4,504,312, 3-12-85, Cl. 75-244.000.
- Oaku, Takaaki; Shioda, Masahiko; Suzuki, Syunsuke; and Maki, Yoshihiro, to Nissan Motor Company, Limited. Wear-resistant sintered ferrous alloy and method of producing same. 4,556,533, 12-3-85, Cl. 419-11.000.
- Oaku, Takaaki; Hokazono, Yasuzi; Shiota, Masahiko; and Maki, Yoshihiro, to Nissan Motor Company, Limited. Wear-resistant sintered ferrous alloy and method of producing same. 4,561,889, 12-31-85, Cl. 75-125.000.
- Oana, Yasuhisa: *See—*
  - Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, 4,534,622, Cl. 350-334.000.
- OAO Corporation: *See—*
  - Sargent, Jack, 4,528,630, Cl. 364-469.000.
- Oar, Ross C.: *See—*
  - Barbieri, John J.; and Oar, Ross C., 4,514,883, Cl. 24-163.00K.
- Oates, Malcolm: *See—*
  - Fleck, Fritz; Mercer, Alec V.; and Oates, Malcolm, 4,526,976, Cl. 548-159.000.
- Oates, Robert M.; Petronio, Carlo F.; and Kraus, Mark G., to Westinghouse Electric Corp. Plural sensor apparatus for monitoring turbine blading with undesired component elimination. 4,518,917, 5-21-85, Cl. 324-207.000.
- Oates, William J. Weighted exercise bar. 4,518,162, 5-21-85, Cl. 272-93.000.
- Oatey Co.: *See—*
  - Kifer, David E., 4,526,407, Cl. 285-42.000.
- Oba, Hiroyuki: *See—*
  - Fuchikami, Jun; Higashi, Hidehiro; Inoue, Takashi; and Oba, Hiroyuki, 4,500,645, Cl. 502-65.000.
- Oba, Hitoshi: *See—*
  - Tanaka, Motoaki; Toyama, Takanori; Oba, Hitoshi; and Yamaguchi, Osamu, 4,533,652, Cl. 502-167.000.
- Oba, Katuyuki: *See—*
  - Takeshita, Takeaki; Oba, Katuyuki; Shimoyama, Yoshiaki; and Masuda, Takashi, 4,555,264, Cl. 75-49.000.
- Oba, Kazunori: *See—*
  - Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, 4,536,398, Cl. 514-43.000.
- Oba, Masayuki; Kawamata, Motoo; Tsuboi, Hikotada; and Koga, Nobuhito, to Mitsui Toatsu Chemicals, Inc. Process for the preparation of N-alkenylphenylmaleimides and N,N'-{alkenylenephenylene}-bismalemides. 4,500,719, 2-19-85, Cl. 548-522.000.
- Oba, Masayuki: *See—*
  - Tsuboi, Hikotada; Kawamata, Motoo; Oba, Masayuki; and Koga, Nobuhito, 4,506,042, Cl. 523-454.000.
- Oba, Ryohei: *See—*
  - Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.
- Oba, Toshio: *See—*
  - Okada, Fumio; Oba, Toshio; and Nakazato, Morizo, 4,496,687, Cl. 524-859.000.
- Obama, Kenjiro: *See—*
  - Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,499,247, Cl. 526-142.000.
  - Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Sato, Akihiro, 4,500,682, Cl. 525-240.000.
  - Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,510,292, Cl. 525-247.000.
- Obara, Haruki, to Fanuc Ltd. Shape compensating method for wire-cut electric discharge machining. 4,499,359, 2-12-85, Cl. 219-69.00W.
- Obara, Haruki, to Fanuc Ltd. Wire-cut electric discharge machine. 4,510,367, 4-9-85, Cl. 219-69.00W.
- Obara, Haruki, to Fanuc Ltd. Method of controlling wire-cut electric discharge contour machines errors. 4,518,842, 5-21-85, Cl. 219-69.00W.
- Obara, Haruki: *See—*
  - Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, 4,520,253, Cl. 217-69.00W.
  - Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, 4,523,073, Cl. 219-69.00W.
  - Gamo, Gotaro; Kinoshita, Mitsuo; and Obara, Haruki, 4,546,227, Cl. 219-69.00W.
  - Kinoshita, Mitsuo; and Obara, Haruki, 4,521,662, Cl. 219-69.00W.
- Obara, Heitaro: *See—*
  - Ogawa, Tetsuya; Saitoh, Shinichi; Inoi, Takeshi; Kato, Masaji; and Obara, Heitaro, 4,537,999, Cl. 568-584.000.
- Obara, Hideo: *See—*
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,514,740, Cl. 346-139.00R.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,174, Cl. 346-136.000.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,176, Cl. 346-141.000.
  - Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,560,295, Cl. 400-637.100.
- Obara, Hiroshi: *See—*
  - Nakamura, Ken'ichi; Sakagami, Teruo; Teramoto, Yoshikichi; and Obara, Hiroshi, 4,543,293, Cl. 428-421.000.
- Obara, Hiroyuki, to Takara Co., Ltd. Reconfigurable toy assembly. 4,516,948, 5-14-85, Cl. 446-95.000.
- Obara, Ken, to Tokyo Shibaura Denki Kabushiki Kaisha. Insulation insert assembly and method for manufacturing the same. 4,507,580, 3-26-85, Cl. 310-214.000.
- Obara, Masaaki; Tajima, Yoshio; and Suzuki, Yukiji, to Yokohama Rubber Co. Ltd., The. Pressure-sensitive electrically conductive composite sheet. 4,495,236, 1-22-85, Cl. 428-172.000.
- Obara, Masakatsu: *See—*
  - Saito, Takayuki; Kikuchi, Toru; Obara, Masakatsu; and Kobayashi, Akihiro, 4,491,667, Cl. 549-302.000.
- Obara, Shin: *See—*
  - Kaneko, Nagao; Fujimori, Yoshinori; Shimizu, Seizaburo; and Obara, Shin, 4,549,107, Cl. 310-327.000.
- Obara, Takashi: *See—*
  - Sunami, Hideo; Kuguminato, Hideo; Izumiyama, Yoshio; Yanagishima, Fumiya; Obara, Takashi; and Mochizuki, Kazuo, 4,561,909, Cl. 148-12.00D.
- Obara, Toshiyuki: *See—*
  - Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, 4,534,848, Cl. 208-10.000.
- Obata, Dohi, Daiwa Fine Chemicals Co. Ltd.: *See—*
  - Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.
- Obata, Haruyuki: *See—*
  - Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikazu, 4,513,945, Cl. 251-129.000.
- Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, to Obata, Dohi, Daiwa

- Fine Chemicals Co. Ltd.; and Ishihaa Chemical Co., Ltd. Tin-lead alloy plating bath. 4,555,314, 11-26-85, Cl. 204-44.400.
- Obata, Makoto: *See—*
  - Sugio, Takashi; Obata, Makoto; and Ito, Shotaro, 4,538,963, Cl. 416-203.000.
- Obata, Saburo; and Ito, Kazuo, to Fujisawa Pharmaceutical Co., Ltd.; and Toyo Seikan Kaisha, Ltd. Applicator for aerosol-type containers. 4,533,273, 8-6-85, Cl. 401-190.000.
- Obata, Yoshiharu: *See—*
  - Noji, Takashi; Obata, Yoshiharu; and Higashi, Takayoshi, 4,504,738, Cl. 250-483.100.
  - Noji, Takashi; Harao, Norio; and Obata, Yoshiharu, 4,528,210, Cl. 427-70.000.
- Obayashi, Hidehito: *See—*
  - Kimura, Takashi; Mochiji, Kozo; and Obayashi, Hidehito, 4,514,857, Cl. 378-034.000.
- Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, to Nippon Soken, Inc. Dual sensitivity torque detector. 4,503,713, 3-12-85, Cl. 73-862.340.
- Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, to Nippon Soken, Inc. Torque detector. 4,513,626, 4-30-85, Cl. 73-862.340.
- Obayashi, Hideki: *See—*
  - Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.
  - Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, 4,517,648, Cl. 364-431.010.
  - Kohama, Tokio; Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, 4,513,627, Cl. 73-862.340.
  - Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,513,628, Cl. 73-862.340.
  - Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.
  - Kohama, Tokio; Obayashi, Hideki; Ina, Toshikazu; and Narita, Seiichi, 4,550,618, Cl. 73-862.340.
- Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, to Seitetsu Kagaku Co., Ltd. Water-absorbent resin having improved water-absorbency and improved water-dispersibility and process for producing same. 4,507,438, 3-26-85, Cl. 525-119.000.
- Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, to Seitetsu Kagaku Co., Ltd. Water-absorbent resin having improved water-absorbency and improved water-dispersibility and process for producing same. 4,541,871, 9-17-85, Cl. 106-197.200.
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  - Tarui, Yuichi; and Obayashi, Toshio, 4,508,589, Cl. 156-584.000.
- Obedineni Zavodi za Zapametyavashti Ustroystva: *See—*
  - Atanassov, Lyuben P.; Kohen, Eliezer H.; Maleshkov, Vladimir D.; Antonov, Dimo P.; Russev, Lyubomir S.; and Georgiev, Georgi A., 4,558,408, Cl. 364-130.000.
- Obel, Erik M.: *See—*
  - Hartwig, Carl S. M.; Ljung, Erik A.; and Obel, Erik M., 4,550,282, Cl. 318-808.000.
- Obenauf, James E.; and Brodish, Charles E. Golfer's head motion sensor. 4,502,035, 2-26-85, Cl. 340-323.00B.
- Obenaus, Fritz; Nierlich, Franz; Reitemeyer, Otto; and Scholz, Bernhard, to Chemische Werke Huels AG. Process for the selective hydrogenation of polyunsaturated hydrocarbons in hydrocarbon mixtures. 4,517,395, 5-14-85, Cl. 585-259.000.
- Obenland, Gerhard, to Durr Automation & Fordertechnik GmbH. Feeding device having alternatively connectable slip-on gear units. 4,499,788, 2-19-85, Cl. 74-661.000.
- Obenschain, Stephen P.; and Lehmberg, Robert H. Controllable spatial incoherence echelon for laser. 4,521,075, 6-4-85, Cl. 350-162.110.
- Ober, Christopher K.: *See—*
  - Lok, Kar P.; and Ober, Christopher K., 4,524,199, Cl. 527-313.000.
- Ober, Stephen H., to EMPI, Inc. Transcutaneous electrode device for cast-covered sites. 4,535,779, 8-20-85, Cl. 128-644.000.
- Ober, Stephen H.: *See—*
  - Wright, Thomas C.; and Ober, Stephen H., 4,520,827, Cl. 128-423.00W.
- Oberan, Daniel R.: *See—*
  - Oberan, Stephen L., 4,528,548, Cl. 340-323.00R.
- Oberan, Stephen L., to Oberan, Daniel R. Validity signal apparatus for monitoring a line boundary. 4,528,548, 7-9-85, Cl. 340-323.00R.
- Oberbach, Josef, to Michael Geiseler DBF-Vertriebs-GmbH. Protective cover against radiation. 4,556,757, 12-3-85, Cl. 174-35.00R.
- Oberbach, Karl: *See—*
  - Schauf, Dieter; Protoschill, Klaus; Oberbach, Karl; and Depcik, Hans-Werner, 4,511,184, Cl. 301-63.0PW.
- Oberdeck, Martin K.; and Koza, John R., to Koza, John R. Hydrophilic sheet and method of making. 4,540,628, 9-10-85, Cl. 428-336.000.
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- Oberdorfer, Guido. Radial piston pump with a star-shaped connecting piece. 4,545,732, 10-8-85, Cl. 417-273.000.
- Oberg, Bradley W.: *See—*
  - Evans, Michael E.; and Oberg, Bradley W., 4,522,004, Cl. 52-409.000.
  - Yeager, Raymond W.; and Oberg, Bradley W., 4,538,390, Cl. 52-221.000.
- Oberg, Gary R., to Toro Company, The. Rotary cutting assembly with filament feed. 4,524,515, 6-25-85, Cl. 30-276.000.
- Oberg, Sven: *See—*
  - Auberry, Horace; Liebscher, Anton; and Oberg, Sven, 4,523,346, Cl. 12-133.00R.
- Oberhans, Johann, to Dr. Johannes Heidenhain GmbH. Error correction system for length measuring device. 4,559,707, 12-24-85, Cl. 33-125.00C.
- Oberhauser, Louis B.: *See—*
  - Blomgren, Kenneth E.; and Oberhauser, Louis B., 4,492,403, Cl. 296-65.00R.
- Oberkobusch, Rudolf: *See—*
  - Grigoleit, Georg; Oberkobusch, Rudolf; Stadelhofer, Jurgen; and Matern, Kurt, 4,523,016, Cl. 546-252.000.
- Oberlander, Andreas: *See—*
  - Feldman, Joachim; and Oberlander, Andreas, 4,546,860, Cl. 188-71.400.
- Oberle, Edmond; Wattron, Bernard; and Hironimus, Jeannot, to Kuhn, S.A. Machine for removing blocks of forage from a silo. 4,496,107, 1-29-85, Cl. 241-101.700.
- Oberle, Patrick; Longuet, Michel; and Walker, David, to Polysar International S.A. Char resistant foams. 4,537,915, 8-27-85, Cl. 521-84.100.
- Oberleitner, Gerhard: *See—*
  - Riss, Wilfried; Nitschko, Theodor; Spitaler, Engelbert; and Oberleitner, Gerhard, 4,516,791, Cl. 280-612.000.
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- Oberli, Rudolf, to Greiner Instruments AG. Method and apparatus for transferring a liquid sample. 4,526,046, 7-2-85, Cl. 73-864.160.
- Oberly, Jesse A.: *See—*
  - Mitchell, Jerry L.; and Oberly, Jesse A., 4,548,824, Cl. 426-111.000.
- Oberman, Carl D.: *See—*
  - Mummey, Dale B.; and Oberman, Carl D., 4,542,951, Cl. 339-75.00M.
- Obermann, George: *See—*
  - Beller, Wilbert E.; Georgacakis, George D.; and Obermann, George, 4,533,803, Cl. 200-153.00K.
- Obermarck, Ronald L.: *See—*
  - Gawlick, Dieter; Gray, James N.; Iimura, Wallace M.; and Obermarck, Ronald L., 4,507,751, Cl. 364-900.000.
- Obermeier, Thomas: *See—*
  - Pracht, Hans J.; and Obermeier, Thomas, 4,506,482, Cl. 52-235.000.
- Oberrauch, Ermanno; and Eberson, Lennard, to Anic S.p.A. Electrochemical process for the synthesis of organic compounds. 4,544,450, 10-1-85, Cl. 204-59.00R.
- Oberschmid, Raimund; and Feigt, Ingmar, to Siemens Aktiengesellschaft. Recording and readout apparatus for X-rays. 4,508,966, 4-2-85, Cl. 250-327.200.
- Oberschmidt, Alec: *See—*
  - Shillington, Richard A.; and Oberschmidt, Alec, 4,502,606, Cl. 215-274.000.
- Oberstein, Karla; and Thilo, Peer, to Siemens Aktiengesellschaft. Method and apparatus for increasing the response sensitivity and the interference resistance in an alarm system. 4,514,720, 4-30-85, Cl. 340-511.000.
- Oberstein, Karla; and Thilo, Peer, to Siemens Aktiengesellschaft. Method and apparatus for monitoring an alarm system. 4,543,565, 9-24-85, Cl. 340-506.000.
- Obersteiner, Georg: *See—*
  - Budecker, Ludwig; and Obersteiner, Georg, 4,555,223, Cl. 417-462.000.
- Oberstrass, Detlev, to Barmag Barmer Maschinenfabrik AG. Yarn false twisting apparatus. 4,545,192, 10-8-85, Cl. 57-105.000.
- Oberstrass, Detlev, to Barmag Barmer Maschinenfabrik AG. Friction yarn false twisting apparatus. 4,559,775, 12-24-85, Cl. 57-340.000.
- Obert, Wolfgang: *See—*
  - Rohner, Peter; Schippl, Klausdieter; Blumenberg, Gunther; Meyer, Werner; and Obert, Wolfgang, 4,492,089, Cl. 62-55.000.
- Oberto, Giacomo, to Olivetti Accessori, S.p.A. Typing ribbon cartridge with blocking element. 4,511,271, 4-16-85, Cl. 400-208.000.
- Obey, James H.: *See—*
  - Moore, James G.; Obey, James H.; and Pinkel, Edward B., 4,511,431, Cl. 159-47.100.
- Obey, Richard P. Lid removal tool. 4,492,132, 1-8-85, Cl. 81-3.10R.
- Obikawa, Fumito: *See—*
  - Ogawa, Harumi; Obikawa, Fumito; Koyama, Toshio; Otsubo, Yoshiaki; Wakabayashi, Hiroshi; and Otani, Tadashi, 4,525,049, Cl. 354-173.110.
- Obitsu, Masamichi; Hori, Takahiro; Koinuma, Toyoji; and Sakaguchi, Yuriko, to Nissan Chemical Industries Ltd. Silicate containing agent and cement surface modified with said agent. 4,521,249, 6-4-85, Cl. 106-12.000.
- Obitsu, Masamichi; and Hori, Takahiro, to Nissan Chemical Industries Ltd. Method for preventing hardened cementitious material from deteriorating. 4,559,241, 12-17-85, Cl. 427-140.000.
- Obitz, Daniel, to Synthelabo. Isoindole amidoxime derivatives. 4,530,843, 7-23-85, Cl. 514-416.000.
- Oblander, Kurt; and Dahm, Wolfram, to Daimler-Benz Aktiengesellschaft. Cylinder/crank casing in cast iron for internal combustion engines. 4,528,950, 7-16-85, Cl. 123-193.00C.
- O'Blasny, Richard H., to Delta Central Refining, Inc. Rerefining used oil with borohydride reducing agents. 4,504,383, 3-12-85, Cl. 208-179.000.
- Obolewicz, Paul T.: *See—*
  - Peer, Albert D., Jr.; and Obolewicz, Paul T., 4,544,597, Cl. 428-182.000.

O'Boyle, Dolores; and Shonk, Phyllis, to International Playtex, Inc. Brassiere. 4,519,137, 5-28-85, Cl. 33-17.00R.
O'Boyle, Dolores; and Hittel, William C., to International Playtex, Inc. Brassiere support element. 4,558,705, 12-17-85, Cl. 128-476.000.
O'Boyle, John M.: *See—*
  Goulstone, Ray T.; Gursky, Michael T.; and O'Boyle, John M., 4,558,581, Cl. 72-379.000.
O'Boyle, Matthew, to Windsor Medical, Inc. Method of making a member defining a lumen for a peristaltic pump and member produced by said method. 4,494,285, 1-22-85, Cl. 29-156.40R.
O'Boyle, Matthew, to Windsor Medical, Inc. Peristaltic pump having a spiral cam and straight peristaltic tube. 4,544,329, 10-1-85, Cl. 417-53.000.
Obradovic, Peter: *See—*
  Lorcks, Jurgen; Obradovic, Peter; Hochbahn, Peter; and Feeser, Hermann, 4,552,918, Cl. 524-734.000.
Obrecht, Georges, to Alsthom-Atlantique. Anti-unscrewing devices. 4,512,596, 4-23-85, Cl. 285-81.000.
Obrecht, Georges, to Alsthom-Atlantique. Oscillating friction ring assembly for applying axial thrust to a shaft. 4,554,983, 11-26-85, Cl. 175-107.000.
O'Brien, David A.: *See—*
  Hartman, William L.; O'Brien, David A.; and Taylor, Thomas H., 4,552,680, Cl. 252-102.000.
O'Brien, Edward J.: *See—*
  Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., 4,527,745, Cl. 239-600.000.
O'Brien, Edward R., III: *See—*
  Kremer, Frederic B.; and O'Brien, Edward R., III, 4,546,773, Cl. 128-660.000.
OBrien, Garrett G.: *See—*
  Benson, Michael R.; Hill, William D.; OBrien, Garrett G.; and Hollenbeck, Dennis W., 4,495,655, Cl. 455-603.000.
O'Brien-Goins-Simpson & Associates: *See—*
  Walker, Thad O.; Simpson, Jay P.; and Dearing, Harry L., 4,508,628, Cl. 252-8.50P.
O'Brien, James W.; and Spevak, Frank, to Imperial Clevite Inc. Wear-resistant metallic article. 4,495,252, 1-22-85, Cl. 428-555.000.
O'Brien, Jay P.: *See—*
  Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,544,657, Cl. 514-253.000.
  Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,559,403, Cl. 546-144.000.
O'Brien, John G.: *See—*
  Irvine, Robert; O'Brien, John G.; and Luperti, Harry E., 4,548,393, Cl. 270-59.000.
O'Brien, John J.: *See—*
  Zucker, Jerry; Hawkins, John W.; and O'Brien, John J., 4,502,364, Cl. 87-8.000.
O'Brien, John P., to Du Pont de Nemours, E. I., and Company. Cellulosic fibers from anisotropic solutions. 4,501,886, 2-26-85, Cl. 536-57.000.
O'Brien, John T., to Phillips Petroleum Company. Apparatus and method for detecting seismic waves. 4,534,020, 8-6-85, Cl. 367-188.000.
O'Brien, John T., to Phillips Petroleum Company. Temperature logging while drilling. 4,561,300, 12-31-85, Cl. 73-154.000.
O'Brien, Joseph P.; and Papay, Andrew G., to Edwin Cooper, Inc. Lubricating oil composition containing N-allyl amide graft copolymers. 4,519,929, 5-28-85, Cl. 252-51.50A.
O'Brien, Joseph P.: *See—*
  Papay, Andrew G.; and O'Brien, Joseph P., 4,505,834, Cl. 252-51.50A.
O'Brien, Kay I. Curtain for shower doors. 4,558,475, 12-17-85, Cl. 4-607.000.
O'Brien, Larry S.; and Kaler, Ward S., to Leco Corporation. Ash fusion system. 4,522,787, 6-11-85, Cl. 422-78.000.
O'Brien, Larry S.; and Strunk, William R., to Leco Corporation. Analytical furnace window assembly. 4,530,660, 7-23-85, Cl. 432-32.000.
O'Brien, Philip W., to Minnesota Mining and Manufacturing Company. Method of making electrical connections between opposing metal foils having a flexible, insulating layer sandwiched therebetween. 4,541,559, 9-17-85, Cl. 228-117.000.
O'Brien, Robert E.: *See—*
  Lee, Duk H.; Feierberg, Susan; and O'Brien, Robert E., 4,522,742, Cl. 252-301.160.
O'Brien, Robert P., to Calgon Corporation. Air stripping/adsorption process for removing organics from water. 4,544,488, 10-1-85, Cl. 210-664.000.
O'Brien, Thomas E., Jr., to General Instrument Corporation. Address-programmable CATV converter. 4,558,464, 12-10-85, Cl. 455-4.000.
O'Brien, William D., Jr.: *See—*
  Huggins, Ronald G.; O'Brien, William D., Jr.; and Partus, Fred P., 4,554,078, Cl. 210-749.000.
O'Brien, William J., to Breville Holdings Pty. Limited. Electrically heated wok. 4,555,616, 11-26-85, Cl. 219-432.000.
Obrist, Albert, to Albert Obrist AG. Closure apparatus with magnetic coupling for screwing on a plastics screw closure. 4,492,068, 1-8-85, Cl. 53-331.500.
Obrist, Albert; and Gadgill, Balkrishna B., to Sulzer Brothers Limited. Method of producing very pure magnesium oxide. 4,508,690, 4-2-85, Cl. 423-173.000.
O'Bryan, Frank L. Modular building structure. 4,530,196, 7-23-85, Cl. 52-747.000.
Obsomer, Marc, to Solvay & Cie. Process for the production of tubes of a molecularly oriented plastic. 4,499,045, 2-12-85, Cl. 264-532.000.
O'Callaghan, Cynthia H.; Ayres, Barry E.; Livermore, David G. H.; Newall, Christopher E.; and Weir, Niall G., to Glaxo Group Limited. Cephalosporin antibiotics. 4,504,477, 3-12-85, Cl. 514-203.000.
O'Callaghan, Fred G.: *See—*
  Breckinridge, James B.; and O'Callaghan, Fred G., 4,523,846, Cl. 356-346.000.
Occhialini, Giorgio; Grazia, Gabrio; and Forlani, Fausto, to Mac-Pack s.r.l. Device for forming batches of box shaped products in side by side rows in particular out of supply line infed parcels liable to lose their shape. 4,548,313, 10-22-85, Cl. 198-430.000.
Occidental Chemical Agricultural Products, Inc.: *See—*
  Mills, Harold E.; Murdock, David L.; Ramer, Richard M.; and Sale, Francis M., 4,521,392, Cl. 423-317.000.
Occidental Chemical Corporation: *See—*
  Campbell, Donald H.; Fifolt, Michael J.; and Saran, Mohan S., 4,533,762, Cl. 568-677.000.
  Chow, Richard H.; and Geering, Emil J., 4,508,661, Cl. 260-544.00D.
  Chow, Richard H.; and Geering, Emil J., 4,508,857, Cl. 260-544.00D.
  Colaruotolo, Joseph F.; Olsen, Ronald H.; and Vandenbergh, Peter A., 4,493,895, Cl. 435-262.000.
  Colaruotolo, Joseph F.; Irvine, Robert L.; Ketchum, Lloyd H., Jr.; and Ying, Wei-chi, 4,511,657, Cl. 435-253.000.
  Cotter, Byron R.; and Tang, David Y., 4,500,471, Cl. 260-544.00D.
  Davison, John B.; Jasinski, Raymond J.; and Peerce-Landers, Pamela J., 4,499,025, Cl. 260-465.00R.
  Fifolt, Michael J., 4,499,024, Cl. 260-453.00R.
  Fifolt, Michael J.; and Foster, Arthur M., 4,521,616, Cl. 562-456.000.
  Fifolt, Michael J.; and Forcucci, John, 4,528,109, Cl. 252-78.100.
  Fitzpatrick, Stephen T.; and Krawiec, Richard M., 4,526,946, Cl. 526-202.000.
  Foster, Arthur M., 4,560,794, Cl. 562-467.000.
  Foster, Arthur M., 4,562,286, Cl. 562-467.000.
  Ilardo, Charles S.; and Duffy, James J., 4,504,611, Cl. 524-101.000.
  Lazarz, Christine A.; and Cook, Edward H., Jr., 4,498,961, Cl. 204-98.000.
  Olener, Joel L.; and Walker, Leigh E., 4,536,545, Cl. 525-75.000.
  Peterson, John A.; Saran, Mohan S.; and Wisnouskas, Joseph S., 4,518,573, Cl. 423-303.000.
  Ranade, Gautam R.; and Salee, Gideon, 4,507,434, Cl. 525-67.000.
  Ranade, Gautam R.; and Salee, Gideon, 4,528,328, Cl. 525-71.000.
  Stodolka, Mark J., 4,545,822, Cl. 134-10.000.
  Tang, David Y., 4,517,372, Cl. 549-246.000.
  Wagner, George M., 4,539,045, Cl. 106-18.130.
  Walker, Leigh E.; and Ranade, Gautam R., 4,537,933, Cl. 525-71.000.
  Walker, Leigh E.; and Ranade, Gautam R., 4,562,229, Cl. 525-71.000.
Occidental Oil Shale, Inc.: *See—*
  Ellington, Rex T., 4,552,409, Cl. 299-2.000.
  Ricketts, Thomas E.; and Shaler, John E., 4,513,665, Cl. 102-312.000.
  Ricketts, Thomas E., 4,531,783, Cl. 299-2.000.
  Ricketts, Thomas E., 4,533,181, Cl. 299-2.000.
  Ricketts, Thomas E., 4,560,205, Cl. 299-2.000.
  Ricketts, Thomas E., 4,560,206, Cl. 299-2.000.
Occidental Refineries Ltd.: *See—*
  Byatt, Dennis W. G.; and Walker, John W., 4,510,804, Cl. 73-290.00V.
Occidental Research Corporation: *See—*
  Blumer, David J., 4,515,756, Cl. 423-54.000.
  Chemtob, Elie M.; and Beer, Gary L., 4,505,884, Cl. 423-484.000.
  Finnan, Marshall N., 4,495,987, Cl. 165-70.000.
  La Mori, Phillip N.; and Shih, Chien-Cheng J., 4,528,169, Cl. 423-231.000.
  Marvin, Dean C.; and Ives, Neil A., 4,513,200, Cl. 250-227.000.
  Ore', Fernando, 4,554,144, Cl. 423-321.00R.
  Thomas, Iran L.; and Lai, Chung J., 4,530,764, Cl. 210-637.000.
  Tsai, Shirley C., 4,506,835, Cl. 241-20.000.
Oce-Helioprint AS: *See—*
  Hagedorn-Olsen, Jens, 4,523,840, Cl. 355-91.000.
  Sigvardt, Niels H.; and Baranski, Jan A., 4,513,956, Cl. 271-9.000.
Oce-Nederland B.V.: *See—*
  Breuers, Theo P. C.; Heijnen, Andreas T.; and Leppink, Arie, 4,492,138, Cl. 83-203.000.
  Deckers, Albert T.; and Leppink, Arie, 4,515,470, Cl. 355-105.000.
  Dinnissen, Johannes H. A., 4,544,147, Cl. 271-35.000.
  Dinnissen, Johannes H. A., 4,546,963, Cl. 271-35.000.
  Eertink, Bastiaan B. B., 4,510,266, Cl. 318-696.000.
  Eertink, Bastiaan B. B.; and van Esch, Hendrikus J., 4,516,019, Cl. 250-214.0RC.
  Eertink, Bastiaan B. B., 4,526,461, Cl. 355-14.00R.
  Everhardus, Roelof H.; and van Lomm, Gerard J. E. H., 4,543,310, Cl. 430-59.000.
  Kampschreur, Rutgerus J. M., 4,541,709, Cl. 355-3.0TR.
  Koeleman, Gerardus A. J.; and van de Laarschot, Franciscus A. A. E., 4,503,960, Cl. 192-127.000.
  Linthout, Theodoor H., 4,546,964, Cl. 271-250.000.
  Polderman, Arie; Handels, Johannes W. H.; and Kuit, Johannes H., 4,528,257, Cl. 430-109.000.
  Rutten, Hendrik G. J., 4,497,565, Cl. 355-3.00R.
  Seelen, Franciscus J. H. M., 4,531,725, Cl. 271-186.000.

van der Voort, Gabriel N. M. M.; and Groeneveld, Marinus, 4,526,849, Cl. 430-57.000.
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OCG Technology Inc.: *See*—
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Och, Rudolf, to Frenco Verzahnungslehren GmbH. Gauge. 4,517,743, 5-21-85, Cl. 33-147.00M.
Ochi, Akira; and Asada, Toshihiko, to Park Trading Co., Ltd. Sound wave attenuation device. 4,540,063, 9-10-85, Cl. 181-135.000.
Ochi, Atsushi: *See*—
Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, 4,523,121, Cl. 310-334.000.
Ochi, Hiroshi; and Tetsutani, Nobuji, to Nippon Telegraph & Telephone Public Corporation. Method and apparatus for gray level signal processing. 4,547,811, 10-15-85, Cl. 358-280.000.
Ochi, Hisayuki: *See*—
Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.
Ushiyama, Hisayuki; Ochi, Hisayuki; Miyamae, Tatsuo; and Wakamiya, Katsutoshi, 4,514,485, Cl. 430-106.600.
Ochi, Katsura, to Nippon Carbide Kogyo Kabushiki Kaisha. Pressure-sensitive adhesive sheet structure having relocatable properties. 4,556,595, 12-3-85, Cl. 428-143.000.
Ochi, Kenji: *See*—
Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzaki, Takuya; and Imai, Kazuyoshi, 4,517,246, Cl. 428-407.000.
Ochi, Kunihiko: *See*—
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Ochi, Mitsuzo: *See*—
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Ochi, Shigeharu, to Fuji Photo Film Co., Ltd. Single gate line interlace solid-state color imager. 4,542,409, 9-17-85, Cl. 358-212.000.
Ochi, Shigeharu, to Fuji Photo Film Co., Ltd. High-resolution high-sensitivity solid-state imaging sensor. 4,558,365, 12-10-85, Cl. 358-212.000.
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Ochi, Tsuneo: *See*—
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Ochiai, Akira; and Suzuki, Yoshitaka, to Nissan Motor Company, Limited. Automotive vehicle with front and rear sliding doors. 4,544,198, 10-1-85, Cl. 296-155.000.
Ochiai, Chiaki, to Aisin Seiki Kabushiki Kaisha. Tandem diaphragm brake booster. 4,516,474, 5-14-85, Cl. 91-519.000.
Ochiai, Hideo; Hamane, Masumi; and Kimoto, Masahiko, to Honda Giken Kogyo Kabushiki Kaisha. Cooling system for a motorcycle. 4,519,473, 5-28-85, Cl. 180-229.000.
Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, to Hitachi, Ltd. Refrigerator. 4,522,040, 6-11-85, Cl. 62-419.000.
Ochiai, Hiroshi: *See*—
Fujinami, Yoshio; Itoyama, Katumi; and Ochiai, Hiroshi, 4,533,805, Cl. 200-304.000.
Ochiai, Izumi: *See*—
Nakamura, Keiichi; Asao, Hiroshi; Okada, Kenichi; Wakabayashi, Yoichi; and Ochiai, Izumi, 4,506,423, Cl. 29-157.00R.
Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.
Ochiai, Kenji: *See*—
Shoji, Takashi; and Ochiai, Kenji, 4,552,691, Cl. 252-514.000.
Ochiai, Kouji; and Tomita, Hitoshi, to Diesel Kiki Co., Ltd. Diesel engine with EGR control. 4,509,492, 4-9-85, Cl. 123-569.000.
Ochiai, Kuniaki; and Komakine, Shigeo, to Tokyo Electric Co., Ltd. Dot printer head with reduced magnetic interference. 4,537,520, 8-27-85, Cl. 400-124.000.
Ochiai, Kuniaki; Norigoe, Takashi; and Iinuma, Masayuki, to Tokyo Electric Co., Ltd. Dot printer head. 4,547,085, 10-15-85, Cl. 400-124.000.
Ochiai, Kuniaki, to Tokyo Electric Co., Ltd. Release type dot printer head. 4,555,192, 11-26-85, Cl. 400-124.000.
Ochiai, Masahiko, to Kyushu Hitachi Maxell, Ltd. Push-button switch locking device for use in electric appliance. 4,504,707, 3-12-85, Cl. 200-42.00R.
Ochiai, Masahiko; and Taito, Yoshinori, to Kyushu Hitachi Maxell, Ltd. Electric shaver arranged to be tilted. 4,505,036, 3-19-85, Cl. 30-34.100.
Ochiai, Masahiko; and Taito, Yoshinori, to Kyushu Hitachi Maxell, Ltd. Washable electric shaver. 4,549,352, 10-29-85, Cl. 30-41.500.
Ochiai, Masahito: *See*—
King, Ming L.; Chiang, Chin-Chih; Ling, Han-Chin; Ochiai, Masahito; Fujita, Eiichi; and McPhail, Andrew T., 4,539,414, Cl. 549-458.000.
Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, to Takeda Chemical Industries, Ltd. 7-[2-(2-aminothiazol-4-yl)-2-(syn)-methoxyiminoacetamido]cephalosporin derivatives. 4,510,138, 4-9-85, Cl. 514-206.000.
Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, to Takeda Chemical Industries, Ltd. Thiazolylacetamido cephalosphorin compounds. 4,514,565, 4-30-85, Cl. 544-25.000.
Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, to Takeda Chemical Industries, Ltd. Cephalosporins. 4,520,194, 5-28-85, Cl. 544-22.000.
Ochiai, Michihiko: *See*—
Matsuo, Taisuke; Kishimoto, Shoji; and Ochiai, Michihiko, 4,550,105, Cl. 514-210.000.
Matsuo, Taisuke, deceased; Ochiai, Michihiko; and Kishimoto, Shoji, 4,560,508, Cl. 260-239.00A.
Yoshioka, Kouichi; and Ochiai, Michihiko, 4,533,495, Cl. 260-239.00A.
Ochiai, Nobuo; and Tsumagari, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Machine for beveling. 4,535,570, 8-20-85, Cl. 51-165.770.
Ochiai, Takashi: *See*—
Yoneda, Naoto; Kato, Jyoji; Hayashi, Kimiaki; Ochiai, Takashi; and Kinashi, Keizo, 4,508,727, Cl. 514-398.000.
Ochiai, Takeji, to Fuji Photo Film Co., Ltd. Radiographic intensifying screen. 4,501,971, 2-26-85, Cl. 250-483.100.
Ochiai, Takeji, to Fuji Photo Film Co., Ltd. Radiation image storage panel. 4,508,636, 4-2-85, Cl. 252-301.360.
Ochiai, Takeji: *See*—
Yamazaki, Hisashi; and Ochiai, Takeji, 4,510,388, Cl. 250-327.200.
Ochiai, Takeshi: *See*—
Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, 4,497,057, Cl. 371-29.000.
Ochiai, Toshihiko: *See*—
Ando, Yasuo; and Ochiai, Toshihiko, 4,510,218, Cl. 429-198.000.
Ochii, Kiyofumi; and Iwahashi, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor memory with selectively enabled precharge and sense amplifier circuits. 4,528,646, 7-9-85, Cl. 365-203.000.
Ochii, Kiyofumi; Masuda, Masami; and Kondo, Takeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Positive feedback amplifier circuitry. 4,535,255, 8-13-85, Cl. 307-264.000.
Ochii, Kiyofumi: *See*—
Iwahashi, Hiroshi; and Ochii, Kiyofumi, 4,546,455, Cl. 365-200.000.
Ochirov, Nikolai I.: *See*—
Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
Ochoa, Ricardo: *See*—
Lincoln, Kay L.; and Ochoa, Ricardo, 4,510,887, Cl. 119-95.000.
Ochs, Gregory J., to Minnesota Diversified Products, Inc. Built-up roof structure and method of preparing roof structure. 4,530,193, 7-23-85, Cl. 52-408.000.
Ochs, Henrich: *See*—
Difflipp, Kurt; and Ochs, Henrich, 4,527,478, Cl. 101-415.100.
Ochs, Joe A. Spinner type fishing lure. 4,507,892, 4-2-85, Cl. 43-42.180.
Ochs, Leonard R.; Fletcher, Archibald W.; Weber, Harald; and Naden, David, to Duval Corporation. Metal sulphide extraction. 4,536,214, 8-20-85, Cl. 75-101.00R.
Ochs, Leonard R., to Duval Corporation. Removal of potassium chloride as a complex salt in the hydrometallurgical production of copper. 4,544,460, 10-1-85, Cl. 204-107.000.
Ochs, Leonard R., to Duval Corporation. Process for recovery of metal chloride and cuprous chloride complex salts. 4,545,972, 10-8-85, Cl. 423-463.000.
Ochs, Siegfried: *See*—
Bayer, Ulrich; and Ochs, Siegfried, 4,523,457, Cl. 73-114.000.
Ochsner, Arnold, deceased (by Ochsner, Edith, administratrix), to Forster-Willi Corporation. Stamping machine. 4,535,617, 8-20-85, Cl. 72-307.000.
Ochsner, Edith, administratrix: *See*—
Ochsner, Arnold, deceased, 4,535,617, Cl. 72-307.000.
Ochsner, Paul A., to Givaudan Corporation. Odorant oximes. 4,544,714, 10-1-85, Cl. 252-522.00R.
Ochsner, Paul A.: *See*—
Crameri, Yvo; Ochsner, Paul A.; and Schudel, Peter, 4,508,925, Cl. 568-442.000.
Ochsner, Rolf H., to Robertshaw Controls Company. Differential pressure operated electrical switch construction. 4,520,245, 5-28-85, Cl. 200-82.00R.
Ockelmann, Dieter: *See*—
Groll, Manfred; and Ockelmann, Dieter, 4,537,721, Cl. 260-242.200.
Ockert, Carl E.: *See*—
Shin, Yong W.; Wiedermann, Arne H.; and Ockert, Carl E., 4,562,036, Cl. 376-283.000.
O'Connell, Daniel D.; and Broz, Thomas A., to United States Gypsum Company. Sprayable acoustical composition. 4,504,602, 3-12-85, Cl. 521-78.000.
O'Connell, Dennis M., to Corning Glass Works. Adjustable height magnetic stirrer. 4,512,666, 4-23-85, Cl. 366-249.000.
O'Connell, Peter; and Gibbs, Michael A., to O'Connell, Peter M. Process for making a structured meat product. 4,539,210, 9-3-85, Cl. 426-56.000.
O'Connell, Peter M., to O'Connell, Peter M. Structured meat product. 4,544,560, 10-1-85, Cl. 426-104.000.
O'Connell, Peter M.: *See*—
O'Connell, Peter; and Gibbs, Michael A., 4,539,210, Cl. 426-56.000.
O'Connell, Thomas E.: *See*—
Berczik, Douglas M.; Brodi, George; and O'Connell, Thomas E., 4,543,132, Cl. 148-11.50F.

O'Connor, Bruce, to Sym-Tek Systems, Inc. Electronic device handler. 4,506,213, 3-19-85, Cl. 324-73.0AT.

O'Connor, James M.; and Schnabel, Wilhelm J., to Olin Corporation. Uretdione group-containing polyurethane oligomers and aqueous dispersions thereof. 4,496,684, 1-29-85, Cl. 524-591.000.

O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., to Olin Corporation. Modified polyurethane liquid polymer compositions. 4,503,199, 3-5-85, Cl. 525-455.000.

O'Connor, James M.; and Lickei, Donald L., to Olin Corporation. Graft copolymers from vinyl monomers and polyurethane oligomers and polyurethanes prepared therefrom. 4,521,546, 6-4-85, Cl. 521-137.000.

O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., to Olin Corporation. Modified polyurethane liquid polymer compositions. 4,522,969, 6-11-85, Cl. 524-425.000.

O'Connor, James M.; Kraus, Theodore C.; and Schnabel, Wilhelm J., to Olin Corporation. Select NCO-terminated, uretdione group-containing polyurethane prepolymers and lignocellulosic composite materials prepared therefrom. 4,522,975, 6-11-85, Cl. 524-702.000.

O'Connor, James M.; Scardera, Michael; and Grosser, Frank R., to Olin Corporation. Anionic surfactant addition products of maleic or fumaric acid and a poly(oxyalkylated) alcohol. 4,533,485, 8-6-85, Cl. 252-156.000.

O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., to Olin Corporation. Modified polyurethane liquid polymer compositions. 4,533,717, 8-6-85, Cl. 528-78.000.

O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., to Olin Corporation. Modified polyurethane liquid polymer compositions. 4,544,730, 10-1-85, Cl. 528-78.000.

O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., to Olin Corporation. Modified polyurethane liquid polymer compositions. 4,552,917, 11-12-85, Cl. 524-590.000.

O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., to Olin Corporation. Modified polyurethane liquid polymer compositions. 4,552,943, 11-12-85, Cl. 528-50.000.

O'Connor, James M.: *See—*

Raes, Maurice C.; O'Connor, James M.; and Rosin, Michael L., 4,497,913, Cl. 521-137.000.

O'Connor, Mark, to NB Jackets Co. Single-channel microfiche master. 4,497,128, 2-5-85, Cl. 40-405.000.

O'Connor, Martin F.: *See—*

Emeterio, Eloy V.; Deallenbach, Robert E.; O'Connor, Martin F.; and Klufas, Oleg, 4,537,560, Cl. 416-198.00A.

O'Connor, Michael: *See—*

Bottolfson, Gary, 4,498,211, Cl. 15-203.000.

O'Connor, Michael C.; and Hann, George W., to Union Carbide Corporation. Tool removable tamper indicating closure. 4,535,904, 8-20-85, Cl. 215-215.000.

O'Connor, Patrick, to Thermal Power Corporation. Apparatus and method for making snow roads. 4,549,364, 10-29-85, Cl. 37-197.000.

O'Connor, Paul B.: *See—*

Kosinski, Sandra G.; Lemaire, Paul J.; and O'Connor, Paul B., 4,504,297, Cl. 65-3.110.

MacChesney, John B.; and O'Connor, Paul B., 4,504,299, Cl. 65-3.120.

O'Connor, Robert E., to Amtrol Inc. Double wall heat exchanger. 4,546,819, 10-15-85, Cl. 165-70.000.

O'Connor, Robert J.: *See—*

Drexler, Leonard H.; Flynn, Richard M.; Fox, George R.; Illium, Herbert C., Jr.; and O'Connor, Robert J., 4,518,830, Cl. 179-103.000.

O'Connor, Sean C.: *See—*

Mynderse, Jon S.; and O'Connor, Sean C., 4,508,901, Cl. 546-112.000.

O'Connor, Terry J.; and Cooper, Ian G., to Bay Mills Limited. Reinforcing composite for roofing membranes and process for making such composites. 4,491,617, 1-1-85, Cl. 428-236.000.

O'Connor, Terry J.; and Cooper, Ian G., to Bay Mills Limited. Reinforcing composite for roofing membranes and process for making such composites. 4,539,254. 9-3-85, Cl. 428-236.000.

Octel Communications, Inc.: *See—*

Olson, Peter D.; and Hawes, Samuel R., Jr., 4,521,647, Cl. 179-84.0VF.

Octel S.A.: *See—*

Rodde, Christian; and Desarnaud, Jean, 4,522,059, Cl. 73-223.000.

Oculus Optikgeraete GmbH: *See—*

Reiner, Josef, 4,560,255, Cl. 350-503.000.

Oda, Akira: *See—*

Chino, Koichi; Kudo, Kazuhiko; Oda, Akira; Mura, Hideichi; and Takamura, Yoshiyuki, 4,526,713, Cl. 252-632.000.

Oda, Chikao: *See—*

Matsushita, Nobuo; Furukawa, Tokinobu; Shintani, Tetsuo; Sumitani, Tomoaki; and Oda, Chikao, 4,515,008, Cl. 73-53.000.

Oda, Eiji, to Nippon Electric Co., Ltd. Semiconductor imaging device using charge-coupling device. 4,521,797, 6-4-85, Cl. 357-24.000.

Oda, Eiji: *See—*

Ishihara, Yasuo; Oda, Eiji; and Teranishi, Nobukazu, 4,527,182, Cl. 357-24.000.

Oda, Eisuke: *See—*

Fujimura, Syunichi; Oda, Eisuke; Hagiwara, Miyuki; and Morita, Youske, 4,554,173, Cl. 427-120.000.

Oda, Gen: *See—*

Kojima, Tamotsu; Miura, Masayoshi; and Oda, Gen, 4,527,175, Cl. 346-140.00R.

Oda, Goro, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of cleaning a photo-sensitive body. 4,501,620, 2-26-85, Cl. 134-6.000.

Oda, Goro: *See—*

Yamashita, Mitsuo; Oda, Goro; and Kamiya, Masashi, 4,523,800, Cl. 350-6.700.

Yamashita, Mitsuo; Oda, Goro; and Tomimori, Kiyoshi, 4,552,417, Cl. 308-10.000.

Oda, Hidekuni; Minami, Syuji; Inoue, Hiroshi; Matsuda, Akira; and Yamamoto, Yohzoh, to Mitsui Petrochemical Industries, Ltd. Ethylene-alpha-olefin-polyene random copolymer rubber. 4,510,303, 4-9-85, Cl. 526-282.000.

Oda, Hiroyuki; Morita, Yasuyuki; and Nagao, Akihito, to Mazda Motor Corporation. Intake system for an internal combustion engine. 4,519,350, 5-28-85, Cl. 123-308.000.

Oda, Hiroyuki: *See—*

Hitomi, Mitsuo; and Oda, Hiroyuki, 4,543,931, Cl. 123-308.000.

Nishimura, Hirofumi; Oda, Hiroyuki; Kaneko, Tadashi; Takai, Akira; and Takeuchi, Nobuo, 4,522,179, Cl. 123-481.000.

Sakurai, Shigeru; Oda, Hiroyuki; Satow, Haruhiko; and Okimoto, Haruo, 4,527,534, Cl. 123-559.000.

Satow, Haruhiko; Okimoto, Haruo; Sakurai, Shigeru; and Oda, Hiroyuki, 4,498,429, Cl. 123-26.000.

Oda, Isao: *See—*

Kaneno, Masayuki; and Oda, Isao, 4,544,607, Cl. 428-472.000.

Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, to Fuji Photo Film Co., Ltd.; and Nippon Light Metal Company Ltd. Method of electrolytic treatment on the surface of metal web. 4,533,444, 8-6-85, Cl. 204-129.430.

Oda, Kazutaka: *See—*

Takahashi, Masahiro; Hagiwara, Toshio; Kakei, Tsutomu; and Oda, Kazutaka, 4,518,466, Cl. 204-28.000.

Oda, Kazuya: *See—*

Nagaoka, Mitsuru; Oda, Kazuya; and Sumida, Shizuo, 4,519,484, Cl. 192-3.580.

Oda, Keijiro: *See—*

Kishida, Katsuji; Ueno, Tetsuto; Onishi, Masakazu; and Oda, Keijiro, 4,510,984, Cl. 152-362.0CS.

Oda, Kengo: *See—*

Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, 4,552,894, Cl. 514-464.000.

Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.

Oda, Kiyoshi, to Yoshida Kogyo K.K. Lockable slide fastener slider. 4,521,942, 6-11-85, Cl. 24-419.000.

Oda, Masatoshi, to Nissan Motor Company, Limited. Gear shift apparatus for manual transmission. 4,519,268, 5-28-85, Cl. 74-473.00P.

Oda, Masatsugu: *See—*

Jikihara, Tetsuo; Oda, Masatsugu; Natsume, Bunji; Watanabe, Hisao; and Suzuki, Seiichi, 4,536,209, Cl. 71-96.000.

Oda, Misao, to Kabushiki Kaisha Kanemitsu. Method of manufacturing sheet metal made poly-V pulleys. 4,524,595, 6-25-85, Cl. 72-84.000.

Oda, Noriyuki: *See—*

Takahashi, Kunio; Oda, Noriyuki; Kido, Nobuyuki; and Muramatsu, Keizi, 4,540,184, Cl. 277-12.000.

Oda, Ronald L.; and Sweeney, William T., to Conoco Inc. Slurry input device. 4,541,850, 9-17-85, Cl. 55-204.000.

Oda, Ronald L.: *See—*

Harris, Gary R.; and Oda, Ronald L., 4,543,018, Cl. 406-102.000.

Oda, Shoji; Ehara, Kunihiko; Umemoto, Hirotoshi; and Nakano, Shinji, to Nippon Paint Co., Ltd. Coating composition. 4,501,829, 2-26-85, Cl. 523-400.000.

Oda, Sumihiro; and Sato, Haruhito, to Idemitsu Kosan Company Limited. Process for the production of para-xylene. 4,491,678, 1-1-85, Cl. 585-466.000.

Oda, Takashi; and Nagata, Koichi, to Nippon Electric Co., Ltd. Limiter amplifier. 4,495,429, 1-22-85, Cl. 307-491.000.

Oda, Tatsuro; Tanaka, Hideki; Yoshioka, Sadashichi; and Yokooku, Katsuhiko, to Mazda Motor Corporation. Idling speeding control system for internal combustion engine. 4,508,076, 4-2-85, Cl. 123-339.000.

Oda, Toshihiko: *See—*

Yamazato, Fujio; Tokuda, Kuniaki; and Oda, Toshihiko, 4,503,156, Cl. 436-79.000.

Oda, Toshinori: *See—*

Goto, Hideo; Hosoe, Takeo; Oda, Toshinori; and Ohtsuka, Sosuke, 4,516,978, Cl. 8-510.000.

Oda, Yoshifumi, to Chisso Corporation. Sustained-release vasodilator. 4,555,398, 11-26-85, Cl. 424-19.000.

Oda, Yoshio; Otouma, Hiroshi; and Endoh, Eiji, to Agency of Industrial Science and Technology. Anode for the electrolysis of water. 4,498,962, 2-12-85, Cl. 204-129.000.

Oda, Yoshio; Morimoto, Takeshi; and Matsubara, Toshiya, to Asahi Glass Company Ltd. Ion exchange membrane cell and electrolytic process using thereof. 4,518,470, 5-21-85, Cl. 204-98.000.

Oda, Yoshio; Morimoto, Takeshi; and Suzuki, Kohji, to Asahi Glass Company Ltd. Ion exchange membrane electrolytic cell. 4,533,453, 8-6-85, Cl. 204-252.000.

Oda, Yoshio; Otouma, Hiroshi; and Endoh, Eiji, to Asahi Glass Company Ltd. Cathode having high durability and low hydrogen overvoltage and process for the production thereof. 4,536,259, 8-20-85, Cl. 204-35.100.

Oda, Yoshio; and Morimoto, Takeshi, to Asahi Glass Company Ltd. Gas diffusion electrode material. 4,551,220, 11-5-85, Cl. 204-294.000.

- Oda, Yoshio: *See—*
  - Matsuo, Masashi; Itoh, Katsuji; Hayashi, Takao; and Oda, Yoshio, 4,504,401, Cl. 252-8.750.
- Oda, Yukio: *See—*
  - Unno, Kunihiko; Tsujiuchi, Toshio; and Oda, Yukio, 4,502,458, Cl. 125-11.00R.
  - Unno, Kunihiko; Tsujiuchi, Toshio; and Oda, Yukio, 4,551,950, Cl. 51-165.870.
- Odagawa, Kazuyoshi, to Canon Kabushiki Kaisha. Rolled paper holder. 4,541,582, 9-17-85, Cl. 242-55.200.
- Odagiri, Masaru: *See—*
  - Suzuki, Takashi; Shinohara, Koichi; Odagiri, Masaru; Fujita, Takashi; and Kawase, Shigeki, 4,514,451, Cl. 428-141.000.
- Odahara, Tetsuichi: *See—*
  - Eguchi, Jyutaro; Kashino, Shinzo; Odahara, Tetsuichi; and Sukenari, Gunzo, 4,497,162, Cl. 56-14.600.
- Odaira, Keikichi, to Yojigen Agricultural Corporation. Method of preparing artificial fertile soil. 4,501,604, 2-26-85, Cl. 71-15.000.
- Odajima, Akeshi: *See—*
  - Sato, Yo; Kashiwaba, Tadao; and Odajima, Akeshi, 4,552,610, Cl. 156-384.000.
- Odaka, Kentaro, to Sony Corporation. High-speed recording and reproducing of signals. 4,544,958, 10-1-85, Cl. 360-8.000.
- Odaka, Kentaro, to Sony Corporation. Redundantly and asynchronously recording an information signal. 4,549,230, 10-22-85, Cl. 360-8.000.
- Odaka, Kentaro; Sako, Yoichiro; Kojima, Yuichi; Nakano, Kenji; and Moriwaki, Hisayoshi, to Sony Corporation. Method for data transmission. 4,562,578, 12-31-85, Cl. 371-40.000.
- Odaka, Kentaro: *See—*
  - Fukuda, Shinichi; and Odaka, Kentaro, 4,523,237, Cl. 360-8.000.
  - Iga, Akira; Odaka, Kentaro; and Yasuda, Nobuyuki, 4,491,943, Cl. 370-13.000.
  - Immink, Kornelis A.; Nijboer, Jakob G.; Ogawa, Hiroshi; and Odaka, Kentaro, 4,501,000, Cl. 375-25.000.
  - Sako, Yoichiro; and Odaka, Kentaro, 4,497,058, Cl. 371-39.000.
  - Sako, Yoichiro; and Odaka, Kentaro, 4,541,092, Cl. 371-39.000.
  - Sako, Yoichiro; and Odaka, Kentaro, 4,546,474, Cl. 371-39.000.
- Odaka, Yoshiyuki; Nakazato, Kouichi; and Tomita, Yoshifumi, to Hitachi, Ltd. Method of manufacturing cathode-ray tube. 4,542,038, 9-17-85, Cl. 427-68.000.
- Odan, Akinori: *See—*
  - Hashimoto, Mitsuo; Watanabe, Yasuo; Mama, Fumio; and Odan, Akinori, 4,559,007, Cl. 431-4.000.
- Odani, Junji; and Watanabe, Shigeyuki, to Nippon Kayaku Kabushiki Kaisha. Disazo compounds for dyeing cellulosic fibers. 4,542,208, 9-17-85, Cl. 534-797.000.
- Odashima, Takeshi; and Saito, Tsutomu, to Kabushiki Kaisha Saginomiya Seisakusho. Pressure responsive switch. 4,540,860, 9-10-85, Cl. 200-83.00C.
- Odawara, Kazuharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Radiation-sensitive record disc. 4,504,842, 3-12-85, Cl. 346-137.000.
- Odawara, Kazuharu; and Tago, Yoshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical disk having elastic deformable spacer. 4,555,716, 11-26-85, Cl. 346-137.000.
- Odawara, Masachika, to Tokyo Shibaura Denki Kabushiki Kaisha. Turbine rotor. 4,509,900, 4-9-85, Cl. 416-198.00A.
- Odawara, Masachika: *See—*
  - Ikeda, Takashi; and Odawara, Masachika, 4,545,725, Cl. 415-180.000.
- Odawara, Yoji: *See—*
  - Haga, Ryoichi; Ishida, Masahiko; and Odawara, Yoji, 4,510,243, Cl. 435-167.000.
  - Ishida, Masahiko; Haga, Ryoichi; Ishibashi, Tadashi; and Odawara, Yoji, 4,491,522, Cl. 210-603.000.
- Oddi, Michael J.: *See—*
  - Gulla, Michael; Taylor, Paul; and Oddi, Michael J., 4,551,409, Cl. 430-192.000.
- Oddou, Jacques: *See—*
  - Pichot, Jacky; and Oddou, Jacques, 4,542,849, Cl. 236-1.0EB.
- Ode, Bengt; and Tornblom, Lars, to AB Asea-Atom. Pump means for pumping a mixture of coarse-grained material and fluid. 4,500,261, 2-19-85, Cl. 417-203.000.
- Ode, Bengt: *See—*
  - Borrman, Bo; and Ode, Bengt, 4,499,047, Cl. 376-434.000.
  - Borrman, Bo; Hellman, Erik; Ode, Bengt; and van Santen, Aart, 4,514,358, Cl. 376-362.000.
  - Borrman, Bo; Leine, Lars; Nylund, Olov; and Ode, Bengt, 4,526,744, Cl. 376-440.000.
- Ode, Sadao; Hatsuse, Toshikazu; and Shiina, Hiroshi, to Citizen Watch Co., Ltd. Clasp for ornaments. 4,543,692, 10-1-85, Cl. 24-616.000.
- O'Dea, James D.; and Venable, Glen J., to General Motors Corporation. Carton unfolding apparatus. 4,541,827, 9-17-85, Cl. 493-309.000.
- O'Dea, Orrin B., to Microcommunications, Inc. Electronic telephone relay. 4,555,593, 11-26-85, Cl. 179-18.0GD.
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  - Gilder, Thomas G., Jr.; and O'Dean, Raymond D., 4,554,404, Cl. 174-52.0FP.
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- Odebrecht, Wolfgang: *See—*
  - Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,503,906, Cl. 165-104.210.
  - Andres, Rudolf; Grantz, Helmut; Munzel, Wolf-Dietrich; and Odebrecht, Wolfgang, 4,520,863, Cl. 165-48.00R.
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- Odegaard, Gary W.: *See—*
  - Tam, Jimmy W.; Odegaard, Gary W.; Scherer, William C.; and Lonneman, Alan P., 4,541,548, Cl. 222-48.000.
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- Odell, Barbara, to Shell Oil Company. Process for the dissolution of peptides in non-aqueous and mixed non-aqueous/aqueous systems. 4,532,212, 7-30-85, Cl. 435-197.000.
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  - Shealy, Y. Fulmer; and O'Dell, C. Allen, 4,543,255, Cl. 514-258.000.
- O'Dell, David L., to Wheelabrator-Frye Inc. Drilling method and apparatus. 4,529,340, 7-16-85, Cl. 408-1.00R.
- O'Dell, Gerald W.: *See—*
  - Lee, Leighton, II; O'Dell, Gerald W.; and Holtermann, Ludwig K., 4,492,360, Cl. 251-129.000.
- Odell, Jack L., II: *See—*
  - Mayer, Robert A.; Reith, Michael W.; and Odell, Jack L., II, 4,541,011, Cl. 358-106.000.
- O'Dell, James L. Cigarette snuffer. 4,497,329, 2-5-85, Cl. 131-235.00R.
- O'Dell, Lawrence W. Laser canaliculostomy eye-treatment. 4,558,698, 12-17-85, Cl. 128-303.100.
- O'Dell, Leonard J., to Allis-Chalmers Corporation. Down flow filter panel dust collector. 4,560,396, 12-24-85, Cl. 55-287.000.
- Odell, Peter G.: *See—*
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- O'Dell, Robin D.; Ungar, Israel S.; and Scher, Herbert I., to Nevamar Corporation. Scuff-resistant laminates. 4,499,137, 2-12-85, Cl. 428-211.000.
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- Oden, Kenneth W., to Dixie-Narco, Inc. Anti-theft device for tandem column vendor. 4,509,658, 4-9-85, Cl. 221-115.000.
- Oden, Laurance L.; and Dunning, John S., to United States of America, Interior. Ductile duplex iron-based alloy containing aluminum. 4,498,928, 2-12-85, Cl. 75-124.000.
- Odenthal, Conrad J.; and Askew, Dennis D., to Tektronix, Inc. Electron gun having a low capacitance cathode and grid assembly. 4,500,809, 2-19-85, Cl. 313-444.000.
- Odenwalder, Heinrich: *See—*
  - Bergthaller, Peter; Odenwalder, Heinrich; and Matejec, Reinhard, 4,546,073, Cl. 430-543.000.
- Odermann, Charles R., to Singer Company, The. Combination needle and accessory driving stud. 4,493,279, 1-15-85, Cl. 112-220.000.
- Odermann, Charles R., to Singer Company, The. Bobbin winding actuation by buttonhole selection. 4,503,793, 3-12-85, Cl. 112-262.100.
- Odermann, Charles R.: *See—*
  - Larsen, Robert H.; and Odermann, Charles R., 4,506,614, Cl. 112-228.000.
  - Rodda, Donald; and Odermann, Charles R., 4,524,708, Cl. 112-231.000.
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- Odero, Dominique; and Parent, Guy, to Sintra-Alcatel. Sonar system. 4,493,064, 1-8-85, Cl. 367-92.000.
- Odessky Politekhnichesky Institut: *See—*
  - Dzjuba, Vladimir F.; Besedin, Vladlen L.; and Birjukov, Boris N., 4,538,474, Cl. 74-63.000.
- Odetics, Inc.: *See—*
  - Bartholet, Stephen J., 4,502,556, Cl. 180-8.600.
  - Bartholet, Stephen J.; and Sivaslian, Armen H., 4,503,924, Cl. 180-8.600.
  - Bartholet, Stephen J., 4,511,011, Cl. 180-8.600.
  - Bartholet, Stephen J., 4,527,650, Cl. 180-8.600.
- Odgers, Irving L.: *See—*
  - Dickinson, Ben W. O., III; Dickinson, Robert W.; Odgers, Irving L.; and McGhee, James, 4,497,381, Cl. 175-61.000.
- Odham, Carl J., to Stedman Corporation. Flat bed knitting machine having high speed secondary stitch attachment. 4,553,412, 11-19-85, Cl. 66-207.000.
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  - Harrill, Roy L.; and Odom, James T., 4,533,994, Cl. 364-200.000.
- Odom, Robert E., to Bemis Company, Inc. Case erector and bottom sealer apparatus. 4,498,893, 2-12-85, Cl. 493-12.000.
- Odom, Robert E., to Bemis Company, Inc. Bag filling and closing apparatus. 4,561,238, 12-31-85, Cl. 53-573.000.
- Odone, Giovanni, to Robert Bosch GmbH. Still or motion picture camera. 4,533,226, 8-6-85, Cl. 354-403.000.
- O'Donnell, Brian C. Snow removal device. 4,516,799, 5-14-85, Cl. 294-54.500.
- O'Donnell, Harry B., III: *See—*
  - Ahoor, Rooin, 4,498,351, Cl. 74-439.000.
- O'Donnell, Laurene H.: *See—*
  - Litwak, Alfred A.; and O'Donnell, Laurene H., 4,552,306, Cl. 239-29.000.

- O'Donnell, Robert N.: *See—*
  - Galbreath, Donald E.; Roudebush, Brooks; and O'Donnell, Robert N., 4,545,523, Cl. 232-43.100.
- O'Donnell, Timothy W.; and Olson, Daniel R., to General Electric Company. Polymerizable 3-aroyloxyphenyl carbamates and methods for their preparation and use. 4,520,074, 5-28-85, Cl. 428-412.000.
- O'Donnell, Timothy W.: *See—*
  - Olson, Daniel R.; and O'Donnell, Timothy W., 4,513,349, Cl. 361-311.000.
  - Olson, Daniel R.; and O'Donnell, Timothy W., 4,515,931, Cl. 526-323.200.
  - Olson, Daniel R.; and O'Donnell, Timothy W., 4,533,595, Cl. 428-336.000.
  - Olson, Daniel R.; and O'Donnell, Timothy W., 4,533,710, Cl. 526-323.200.
- Odorisio, Paul: *See—*
  - Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, 4,539,421, Cl. 560-105.000.
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- Odorzynski, Thomas W.; and Knott, Jack E., II, to American Can Company. Plasticized EVOH and process and products utilizing same. 4,552,801, 11-12-85, Cl. 428-220.000.
- Odorzynski, Thomas W.: *See—*
  - Krueger, Duane A.; and Odorzynski, Thomas W., 4,552,714, Cl. 264-171.000.
- O'Dowd, Dennis H.; and Barry, George W. J. Iodine disinfection dispenser. 4,555,347, 11-26-85, Cl. 210-752.000.
- Odselius, Leif: *See—*
  - Gedeon, Andras; and Odselius, Leif, 4,538,605, Cl. 128-205.240.
- Odum, Charles E. Engine air intake shut-off valve. 4,501,238, 2-26-85, Cl. 123-198.00D.
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  - Singer, Debra L.; McCollum, Gregory J.; Dowbenko, Rostyslaw; and O'Dwyer, James B., 4,500,680, Cl. 525-143.000.
- Oe, Hidemi; and Hayashi, Kiyotaka, to NEC Home Electronics Ltd.; and Honda Giken Kogyo Kabushiki Kaisha. Control system having a self-diagnostic function. 4,542,506, 9-17-85, Cl. 371-9.000.
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  - Asai, Koichi; Oe, Kunio; and Tuda, Mamoru, 4,503,607, Cl. 29-832.000.
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- Oe, Takanori: *See—*
  - Goto, Kazuhiro; Yaoka, Osamu; and Oe, Takanori, 4,555,510, Cl. 514-291.000.
- Oeckl, Siegfried; Schmitt, Hans-Georg; and Brandes, Wilhelm, to Bayer Aktiengesellschaft. Fungicidal alkylene(cycloalkylene)-bis-heterocyclyl-biguanides. 4,560,694, 12-24-85, Cl. 514-359.000.
- Oeda, Yoshitaka: *See—*
  - Kojima, Kazuo; Yamahira, Hitoshi; and Oeda, Yoshitaka, 4,539,225, Cl. 427-150.000.
  - Suzuki, Toshitake; Hayashi, Ryuzo; Arai, Naoto; and Oeda, Yoshitaka, 4,523,205, Cl. 346-208.000.
- Oefinger, Richard W.; and Babyak, Richard J., to USM Corporation. Blind rivet tool. 4,517,820, 5-21-85, Cl. 72-391.000.
- Oehler, Oskar; and Fries, Alexis. Detection means for the selective detection of gases, based on optical spectroscopy. 4,557,603, 12-10-85, Cl. 356-418.000.
- Oehlert, James A. Interlocking building panel. 4,522,007, 6-11-85, Cl. 52-588.000.
- Oehley, Gernot F.: *See—*
  - Csaszar, Gabor; Oehley, Gernot F.; and Goldman, Fred M., 4,500,475, Cl. 261-36.00A.
- Oehlke, Donald N.; MacRae, Ralph A.; Crammond, James; and Rattmann, Hans R., to Eaton Corporation. Fastening device. 4,508,477, 4-2-85, Cl. 411-174.000.
- Oehy, Peter, to Rieter Machine Works, Ltd. Apparatus for cutting a fiber sliver. 4,497,087, 2-5-85, Cl. 19-159.00A.
- Oelering, Werner: *See—*
  - Leifeld, Ferdinand; Coenen, Rolf; Oelering, Werner; and Klopp, Ludwig, 4,554,708, Cl. 19-80.00R.
- Oellerer, Friedrich: *See—*
  - Theurer, Josef; Folser, Karl; and Oellerer, Friedrich, 4,530,403, Cl. 171-16.000.
- Oellig, Oskar; Grimmer, Horst; and Lunz, Alfred-Gunther, to Diehl GmbH & Co. Program plate for a timer. 4,509,864, 4-9-85, Cl. 368-108.000.
- Oelsch, Jurgen, to Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co. Keyboard. 4,527,030, 7-2-85, Cl. 200-306.000.
- Oelwein State Bank, administrator: *See—*
  - Lorence, Allan L.; Maring, Thomas L.; and Rawson, James L., deceased, 4,492,372, Cl. 272-1.00C.
- Oepen, Gerhard; Engel, Jurgen; Jakovlev, Vladimir; and Thiemer, Klaus, to Degussa Aktiengesellschaft. N-phenyl-N-'-cycloalkylalkanoylpiperazine useful as analgetics and process for its production. 4,547,505, 10-15-85, Cl. 514-255.000.
- Oerlikon-Boehringer GmbH: *See—*
  - Berbalk, Hermann, 4,535,661, Cl. 82-40.00R.
  - Berbalk, Hermann, 4,558,978, Cl. 409-200.000.
  - Horsky, Anton; Kuhn, Siegfried; and Voss, Wolf-Dietrich, 4,536,112, Cl. 409-134.000.
- Oertel, Richard W., III; Richter, Reinhard H.; and Tucker, Benjamin W., to Upjohn Company, The. Diisocyanate. 4,522,762, 6-11-85, Cl. 260-453.00A.
- Oertle, Donald H.; and Ivie, Randall G., to Conoco Inc. Crack detection by electrical resistance. 4,503,710, 3-12-85, Cl. 73-763.000.
- Oertle, Jakob; and Mulhaupt, Bruno, to Sulzer-Escher Wyss Ltd. Purification of oil using a jet pump mixer. 4,519,899, 5-28-85, Cl. 208-179.000.
- Oertle, Konrad: *See—*
  - Maier, Ludwig; Meyer, Willy; Oertle, Konrad; Roloff, Achim; and Topfl, Werner, 4,559,078, Cl. 71-87.000.
- Oestmann, Eldon D., to Caterpillar Tractor Co. Vehicle steering differential. 4,557,157, 12-10-85, Cl. 74-607.000.
- Oestmann, Eldon D.: *See—*
  - Balzer, David J.; Dennison, Thomas M.; Getz, Marvin G.; and Oestmann, Eldon D., 4,514,014, Cl. 305-10.000.
- Oestreich, Ulrich; and Schubert, Werner, to Siemens Aktiengesellschaft. Optical cable. 4,496,214, 1-29-85, Cl. 350-96.230.
- Oestreich, Ulrich: *See—*
  - Barfuss, Juergen; Oestreich, Ulrich; Schoeber, Gernot; and Schrey, Wolfgang, 4,541,686, Cl. 350-96.230.
- Oestrich, Michael: *See—*
  - Yates, Donald N., Jr.; and Oestrich, Michael, 4,522,665, Cl. 149-21.000.
- Oetiker, Hans. Earless clamp structure. 4,492,004, 1-8-85, Cl. 24-20.00R.
- Oetiker, Hans; and Kummer, Emanuel, to Gebruder Buhler AG. Process for continuously determining the moisture content of spoilable grain products. 4,499,111, 2-12-85, Cl. 426-231.000.
- Oetiker, Hans. Hose clamp. 4,521,940, 6-11-85, Cl. 24-282.000.
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- Oetker, Max. Shuttering elements. 4,541,213, 9-17-85, Cl. 52-309.170.
- Oetringhaus, Walter G., to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Railless vehicle for underground mining. 4,511,100, 4-16-85, Cl. 242-86.510.
- Oettgen, Herbert F.: *See—*
  - Pukel, Clifford S.; Lloyd, Kenneth O.; Travassos, Luiz R.; Dippold, Wolfgang G.; Oettgen, Herbert F.; and Old, Lloyd J., 4,507,391, Cl. 436-504.000.
  - Real, Francisco X.; Mattes, M. Jules; Houghton, Alan N.; Livingston, Philip O.; Lloyd, Kenneth O.; Oettgen, Herbert F.; and Old, Lloyd J., 4,562,160, Cl. 436-539.000.
- Oetting, Hermann; and Heidemeyer, Paulus, to Volkswagenwerk Aktiengesellschaft. Hybrid drive arrangement. 4,499,965, 2-19-85, Cl. 180-165.000.
- Oetting, Hermann; Heidemeyer, Paulus; and Zimmermann, Frank, to Volkswagenwerk Aktiengesellschaft. Method for operating a vehicle having an automatic, continuously variable gear ratio transmission. 4,543,855, 10-1-85, Cl. 74-859.000.
- Oetting, William A.: *See—*
  - Dow, John, Jr.; Oetting, William A.; and Yessian, Richard J., 4,550,859, Cl. 222-26.000.
  - Yessian, Richard J.; and Oetting, William A., 4,522,351, Cl. 242-189.000.
- Oettinger, Peter E.: *See—*
  - Lee, Chung H.; Fronduto, John; and Oettinger, Peter E., 4,519,876, Cl. 204-15.000.
- Oexler, Rudolf, to Schubert & Salzer AG. Open-end spinning rotor. 4,503,663, 3-12-85, Cl. 57-404.000.
- O'Fee, Robert P.: *See—*
  - DeBergalis, Michael; and O'Fee, Robert P., 4,495,325, Cl. 524-507.000.
- Off, Joseph W. A.; and Ferguson, Vivian, to Train-A-Mation, Inc. Apparatus for sewing 360 degree pattern. 4,534,303, 8-13-85, Cl. 112-114.000.
- Off, Joseph W. A.; and Early, Judson H., to Haggar Company. Patch pocket and flap constructions. 4,549,916, 10-29-85, Cl. 156-93.000.
- Offen, George R.: *See—*
  - Torbov, Tsvetan I.; Offen, George R.; and Denike, Stuart K., 4,555,996, Cl. 110-345.000.
- Offenstadt, Eric. Wheel suspension for a motorcycle. 4,511,156, 4-16-85, Cl. 280-276.000.
- Office National d'Etudes et de Recherches Aerospatiales: *See—*
  - Boulay, Jean-Louis; Larigaldie, Serge; and Reibaud, Jean-Louis, 4,531,691, Cl. 244-1.00A.
  - Calvet, Pierre; and Platet, Bernard, 4,500,214, Cl. 374-36.000.
  - Chatanier, Michel J.; Portat, Michel J.; and Bruere, Alain E., 4,546,310, Cl. 324-52.000.
  - Chevallier, Sammy, 4,540,770, Cl. 528-248.000.
  - Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, 4,514,371, Cl. 423-449.000.
  - Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, 4,525,337, Cl. 423-449.000.
  - Larigaldie, Serge; and Labaune, Gerard, 4,525,140, Cl. 431-258.000.
  - Ropars, Marcel; and Bloch, Bertrand, 4,525,573, Cl. 528-232.000.
  - Taillet, Joseph; and Larigaldie, Serge, 4,544,382, Cl. 55-107.000.
- Officina Meccanica Giavelli S.p.A.: *See—*
  - Carraroli, Dario; and Giavelli, Giordano, 4,500,287, Cl. 432-246.000.
- Officine Gaudino di P. Gaudino & C. S.a.s.: *See—*
  - Gaudino, Piero, 4,561,243, Cl. 57-274.000.
- Officine Meccaniche Pavesi & C. S.p.A.: *See—*
  - Barrera, Giorgio, 4,521,958, Cl. 29-734.000.
  - Barrera, Giorgio, 4,541,170, Cl. 29-597.000.

Officine Meccaniche Sernagiotto: *See—*
Visconti, Alfonso; Sernagiotto, Emilio; and Sernagiotto, Raffaello M., 4,545,903, Cl. 210-96.100.
Officine Meccaniche Veronesi S.p.A. (O.M.V.): *See—*
Padovani, Pietro, 4,560,339, Cl. 425-437.000.
Officine Savio S.p.A.: *See—*
Badiali, Roberto, 4,494,367, Cl. 57-22.000.
Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, 4,539,802, Cl. 57-22.000.
Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, 4,545,191, Cl. 57-22.000.
Ferro, Francesco; and Franci, Giosue , 4,539,803, Cl. 57-263.000.
Luchi, Luciano; and Negri, Ettore, 4,541,253, Cl. 66-14.000.
Ravinale, Stefano; and Vernocchi, Vittorio, 4,548,518, Cl. 384-490.000.
Officine Vezzani S.p.A.: *See—*
Vezzani, Luciano, 4,552,062, Cl. 100-95.000.
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Offidani, Ralph V., to GNB Batteries Inc. Adapter guide for air supply tube. 4,557,984, 12-10-85, Cl. 429-67.000.
Offredi, Giovanni, to Gnecchi and Company S.p.A. Support for a one-piece telephone. 4,527,018, 7-2-85, Cl. 179-146.00R.
Offset Engineering, Inc.: *See—*
Jamieson, H. William, Jr., 4,524,964, Cl. 271-204.000.
Oficina Technica HGB: *See—*
Vadasz, Amnon F., 4,513,778, Cl. 137-533.110.
O'Flanagan, Michael, to Institute for Industrial Research and Standards. Support assembly for shelving. 4,538,784, 9-3-85, Cl. 248-244.000.
Ofner, Erwin: *See—*
Haque, Yusuf; and Ofner, Erwin, 4,533,876, Cl. 330-253.000.
Ofstead, Ronald F., to Minnesota Mining and Manufacturing Company. Copolymers of poly(vinyl trifluoroacetate) or poly(vinyl alcohol). 4,528,325, 7-9-85, Cl. 525-60.000.
Oftalysine s.r.l.: *See—*
Carracoy, Claudio, 4,540,007, Cl. 132-88.500.
Oftedahl, Glen F., to Pneumo Corporation. Multiple thermocouple connector panel. 4,508,416, 4-2-85, Cl. 339-176.00M.
Ofuji, Hiromichi: *See—*
Nagumo, Shinichi; Ofuji, Hiromichi; and Miisho, Kazuyuki, 4,509,481, Cl. 123-407.000.
Ofusa, Masaatsu, to Yoshida Kogyo K.K. Method and apparatus for manufacturing woven slide fastener stringers. 4,498,503, 2-12-85, Cl. 139-116.000.
Ofusa, Masaatsu, to Yoshida Kogyo K.K. Woven slide fastener stringers. 4,561,474, 12-31-85, Cl. 139-384.00B.
Ogahara, Fumio, to Nippon Kokan Kabushiki Kaisha. Method for drilling coke oven top brick. 4,512,421, 4-23-85, Cl. 175-71.000.
Ogahara, Shunji: *See—*
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Ogaki, Kohei: *See—*
Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,589, Cl. 144-213.000.
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Ogano, Takeo: *See—*
Koga, Noritaka; Suzuki, Takanori; Nakamura, Kenji; Suzuki, Hitoshi; and Ogano, Takeo, 4,513,702, Cl. 123-193.00H.
Ogasawara, Akira, to Nippon Kogaku K.K. Apparatus for transmitting information signals in a camera. 4,496,229, 1-29-85, Cl. 354-400.000.
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Nagata, Kazuhisa; Mori, Keiji; and Ogasawara, Asao, 4,493,507, Cl. 296-216.000.
Ogasawara, Hidekazu; and Saiin, Takanori, to Matsushita Electric Industrial Co., Ltd. Combination electronic apparatus. 4,491,979, 1-1-85, Cl. 455-344.000.
Ogasawara, Hiroyuki: *See—*
Bando, Niro; Kurohara, Kazuaki; Fujima, Yasuo; Ikeda, Fumihiro; Usiro, Kenzo; and Ogasawara, Hiroyuki, 4,509,614, Cl. 180-273.000.
Ogasawara, Makoto: *See—*
Miyazawa, Kokichi; Nakata, Kazuo; Ishikawa, Tsuneo; Honma, Ichiro; Hirai, Masaharu; Ogasawara, Makoto; and Kawamura, Toshihiko, 4,501,774, Cl. 427-215.000.
Ogasawara, Masahiro: *See—*
Tani, Keizo; and Ogasawara, Masahiro, 4,558,510, Cl. 29-588.000.
Ogasawara, Mitsuhiko: *See—*
Oshima, Masao; Kato, Yutaka; Ogasawara, Mitsuhiko; and Futamura, Osamu, 4,512,936, Cl. 261-93.000.
Ogasawara, Nobuhiko: *See—*
Shizuka, Masayuki; Ogasawara, Nobuhiko; Kanamaru, Hisanobu; and Tsuruoka, Kazuhiro, 4,506,180, Cl. 310-91.000.
Ogasawara, Pam: *See—*
Hsia, Samson T.; and Ogasawara, Pam, 4,518,618, Cl. 426-262.000.
Ogasawara, Shingo; and Nakajima, Hideo, to Kabushiki Kaisha Nakajima Seisakujo. Device supplying constant amount of feed. 4,523,547, 6-18-85, Cl. 119-52.00B.
Ogasawara, Takaaki; Maruyama, Tokuji; Sato, Masaharu; Hida, Yukio; and Saito, Takashi, to Kabushiki Kaisha Kobe Seiko Sho. Output control of short circuit welding power source. 4,546,234, 10-8-85, Cl. 219-137.0PS.
Ogasawara, Takaaki: *See—*
Nakanishi, Sadao; Nakajima, Yoshihiro; Kawano, Hitoshi; Ihochi, Akihiko; Ogasawara, Takaaki; and Maruyama, Tokuji, 4,544,826, Cl. 219-137.0PS.
Ogasawara, Terumi; Arai, Masayuki; and Shikano, Tohru, to Asahi Seimitsu Kabushiki Kaisha. Automatic diaphragm control device for use with CCTV camera. 4,562,477, 12-31-85, Cl. 358-228.000.
Ogasawara, Terumi: *See—*
Arai, Masayuki; Ogasawara, Terumi; and Shikano, Tohru, 4,542,410, Cl. 358-228.000.
Arai, Masayuki; Ogasawara, Terumi; and Shikano, Tohru, 4,547,808, Cl. 358-228.000.
Shikano, Tohru; Ogasawara, Terumi; and Arai, Masayuki, 4,562,476, Cl. 358-228.000.
Ogasawara, Tomio: *See—*
Kurono, Masayasu; Nakagawa, Osamu; Iida, Takafumi; Ishiwata, Yoshiro; Ogasawara, Tomio; and Kuwayama, Meiji, 4,528,184, Cl. 424-79.000.
Ozaki, Shoichiro; Hoshiko, Tomonori; and Ogasawara, Tomio, 4,497,815, Cl. 517-274.000.
Ogasawara, Tsuyoshi; Ichiryu, Ken; Nakamura, Ichiro; and Kido, Yasuo, to Hitachi, Ltd. Hydraulic elevator. 4,534,452, 8-13-85, Cl. 187-29.00A.
Ogasawara, Yoshinari, to CKD Corporation. Condensate discharging apparatus. 4,494,561, 1-22-85, Cl. 137-204.000.
Ogasawara, Yoshinari, to CKD Corporation. Drain discharging apparatus. 4,508,143, 4-2-85, Cl. 137-636.100.
Ogata, Eiji: *See—*
Morita, Yukichi; Ono, Koji; Ogata, Eiji; and Manabe, Osamu, 4,558,161, Cl. 568-34.000.
Ogata, Hajime; Ohashi, Yoshiharu; Tsugawa, Shunichi; Ichida, Toshio; and Irie, Toshio, to Kawasaki Steel Corporation. Tin-free steel sheets having improved lacquer adhesion. 4,542,077, 9-17-85, Cl. 428-629.000.
Ogata, Hajime: *See—*
Ichida, Toshio; Kobayashi, Hideo; Ogata, Hajime; and Tsugawa, Shunichi, 4,519,879, Cl. 204-35.100.
Mochizuki, Kazuo; Nakakoji, Hisatada; Ichida, Toshio; Irie, Toshio; Ogata, Hajime; and Yamaji, Kyoko, 4,561,943, Cl. 204-28.000.
Ogata, Haruki; Ogawa, Kimio; and Umeda, Hiroyuki, to Victor Company of Japan, Ltd. Tape cassette. 4,494,161, 1-15-85, Cl. 360-132.000.
Ogata, Haruki, to Victor Company of Japan, Ltd. Adapter for a miniature type tape cassette. 4,544,970, 10-1-85, Cl. 360-94.000.
Ogata, Hisanao; Nemoto, Takeo; Hakuraku, Yoshinori; and Yagi, Yasuomi, to Hitachi, Ltd. Cryostat. 4,502,296, 3-5-85, Cl. 62-514.00R.
Ogata, Hisanao: *See—*
Hakuraku, Yoshinori; Ogata, Hisanao; Daikoku, Takahiro; and Suzuki, Noboru, 4,532,770, Cl. 62-3.000.
Ogata, Masami; and Mizuno, Toshiaki, to Toyota Jidosha Kabushiki Kaisha; and Nippondenso Co., Ltd. Method of and apparatus for controlling air-fuel ratio and ignition timing in internal combustion engine. 4,528,956, 7-16-85, Cl. 123-440.000.
Ogata, Mikito: *See—*
Banba, Fumiyasu; and Ogata, Mikito, 4,558,446, Cl. 371-10.000.
Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi; Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro, to Dai Nippon Insatsu Kabushiki Kaisha. Negative-type acetalized polyvinyl alcohol resist sensitive to ionizing radiation. 4,556,619, 12-3-85, Cl. 430-17.000.
Ogata, Shoji: *See—*
Satoh, Tetsuo; Ohgami, Masaaki; and Ogata, Shoji, 4,549,163, Cl. 340-52.00R.
Ogata, Takashi; Hosaka, Hiroshi; and Kasai, Shunichi, to Nippon Mining Co., Ltd. Process for the removal of bismuth and antimony from aqueous sulfuric acid solution containing bismuth and/or antimony. 4,501,666, 2-26-85, Cl. 210-688.000.
Ogata, Takayuki: *See—*
Kusumoto, Koshi; Kawaguchi, Toshio; and Ogata, Takayuki, 4,533,701, Cl. 525-370.000.
Ogata, Terumi: *See—*
Sato, Mitomu; Nakatani, Toshikazu; Yamashita, Katsumi; and Ogata, Terumi, 4,541,145, Cl. 24-19.000.
Ogata, Tomohiro: *See—*
Takahashi, Hiroyuki; and Ogata, Tomohiro, 4,493,360, Cl. 164-286.000.
Ogata, Yasuhiro: *See—*
Fujiyama, Shigeo; and Ogata, Yasuhiro, 4,537,046, Cl. 62-505.000.
Ogata, Yasunobu: *See—*
Meguro, Takashi; Ogata, Yasunobu; and Sawada, Yoshizo, 4,525,222, Cl. 148-121.000.
Ogata, Yasuzi, to Olympus Optical Co., Ltd. Zoom lens system. 4,523,813, 6-18-85, Cl. 350-426.000.
Ogata, Yasuzi: *See—*
Imai, Toshihiro; and Ogata, Yasuzi, 4,504,124, Cl. 350-427.000.
Ogata, Yohji; Aida, Isao; Murayama, Hirokazu; and Shibuya, Kenjiro, to Kabushiki Kaisha Kobe Seiko Sho. Method for gas shielded arc welding with direct current non-consumable electrode. 4,532,409, 7-30-85, Cl. 219-137.00R.
Ogata, Yoshiro; Yamazaki, Haruo; and Akutsu, Hidezoh, to Matsushita Electronics Corporation. Fluorescent lamp and process for fabricating the same. 4,510,415, 4-9-85, Cl. 313-493.000.

Ogata, Yukihiko: *See—*
- Tateoka, Masamichi; and Ogata, Yukihiko, 4,514,626, Cl. 250-235.000.

Ogawa, Akira; and Tsuda, Momotoshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,511,649, 4-16-85, Cl. 430-553.000.

Ogawa, Akira; and Asano, Toshiaki, to Fuji Photo Film Co., Ltd. Aqueous ink composition for ink-jet printing. 4,512,807, 4-23-85, Cl. 106-22.000.

Ogawa, Akira: *See—*
- Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, 4,500,635, Cl. 430-552.000.
- Aoki, Kozo; Umemoto, Makoto; and Ogawa, Akira, 4,524,132, Cl. 430-552.000.
- Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, 4,557,999, Cl. 430-385.000.
- Tanabe, Osami; Aoki, Kozo; Ogawa, Akira; and Umemoto, Makoto, 4,552,836, Cl. 430-549.000.

Ogawa, Atsushi, to Trio Kabushiki Kaisha. Circuit for converting a staircase waveform into a smoothed analog signal. 4,517,520, 5-14-85, Cl. 329-145.000.

Ogawa, Atsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Hysteresis circuit with small hysteresis amplitude and oscillator using the hysteresis circuit. 4,551,691, 11-5-85, Cl. 331-111.000.

Ogawa, Atsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Current mirror circuit having stabilized output current. 4,553,107, 11-12-85, Cl. 330-288.000.

Ogawa, Atsushi: *See—*
- Kusakabe, Hiromi; and Ogawa, Atsushi, 4,492,926, Cl. 329-205.00R.

Ogawa, Eiiti: *See—*
- Nakajima, Junya; Itoh, Isamu; Yamamuro, Kiyohiko; and Ogawa, Eiiti, 4,506,007, Cl. 430-393.000.

Ogawa, Harumi; Obikawa, Fumito; Koyama, Toshio; Otsubo, Yoshiaki; Wakabayashi, Hiroshi; and Otani, Tadashi, to Nippon Kogaku K.K. Motor driving device of a camera. 4,525,049, 6-25-85, Cl. 354-173.110.

Ogawa, Hideaki: *See—*
- Takematsu, Tetsuo; Kikkawa, Nobuyuki; and Ogawa, Hideaki, 4,502,883, Cl. 71-118.000.

Ogawa, Hidehiro, to Nippon Kogaku K.K. Apparatus for the setting of exposure control mode in camera. 4,530,586, 7-23-85, Cl. 354-442.000.

Ogawa, Hidenori: *See—*
- Tominaga, Michiaki; Yang, Yung-hsiung; Ogawa, Hidenori; and Nakagawa, Kazuyuki, 4,514,401, Cl. 514-253.000.

Ogawa, Hiroe; and Imamura, Yoshisuke, to Takeda Chemical Industries, Ltd. Stabilized solid compositions. 4,547,377, 10-15-85, Cl. 426-268.000.

Ogawa, Hirofumi: *See—*
- Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.

Ogawa, Hiroshi; and Tamai, Yasuo, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,492,734, 1-8-85, Cl. 428-424.200.

Ogawa, Hiroshi; and Tamai, Yasuo, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,492,735, 1-8-85, Cl. 428-424.200.

Ogawa, Hiroshi; Mizuno, Chiaki; Masaki, Kouichi; Suzuki, Masaaki; and Tamai, Yasuo, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,500,599, 2-19-85, Cl. 428-336.000.

Ogawa, Hiroshi; Mizuno, Chiaki; and Tamai, Yasuo, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,510,203, 4-9-85, Cl. 428-425.900.

Ogawa, Hiroshi; and Yamagami, Tamotsu, to Sony Corporation. Method and apparatus for encoding a binary digital information signal. 4,539,691, 9-3-85, Cl. 375-37.000.

Ogawa, Hiroshi: *See—*
- Anonuma, Masashi; Tamai, Yasuo; Sato, Tsunehiko; Funabashi, Shinichi; and Ogawa, Hiroshi, 4,511,484, Cl. 252-62.540.
- Immink, Kornelis A.; Nijboer, Jakob G.; Ogawa, Hiroshi; and Odaka, Kentaro, 4,501,000, Cl. 375-25.000.
- Motomura, Kenichi; Ogawa, Hiroshi; Yamamoto, Akira; and Hagita, Noriyuki, 4,515,197, Cl. 152-209.00R.

Ogawa, Hiroyasu; Izumi, Kazuo; and Shimazaki, Kenji, to Toho Beslon Co., Ltd. Activated carbon fiber spun yarn. 4,520,623, 6-4-85, Cl. 57-236.000.

Ogawa, Hiroyasu; Shigei, Tetsuro; Takahashi, Hayashi; Okabe, Tetuya; and Miyatake, Fumio, to Toho Beslon Company, Limited. Preoxidized fiber and process for producing the same. 4,536,448, 8-20-85, Cl. 428-394.000.

Ogawa, Hiroyuki: *See—*
- Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzaki, Takuya; and Imai, Kazuyoshi, 4,517,246, Cl. 428-407.000.

Ogawa, Hisashi; Tanaka, Yasushi; and Sato, Yoshimitsu, to Toyota Jidosha Kabushiki Kaisha. Fuel supplying means installed on a lateral cross member of a vehicle. 4,550,923, 11-5-85, Cl. 280-5.00A.

Ogawa, Hisashi: *See—*
- Matsunami, Muneharu; Tsuge, Hiroshi; Kubota, Tatsushi; and Ogawa, Hisashi, 4,536,010, Cl. 280-802.000.
- Motonami, Masanao; Yamada, Makoto; and Ogawa, Hisashi, 4,557,523, Cl. 297-468.000.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Vacuum pump-radiator fan drive system. 4,491,094, 1-1-85, Cl. 123-41.490.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Rotary vane pump with overlapping rotor and housing portions. 4,496,297, 1-29-85, Cl. 418-133.000.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Rotary vane pump with packing means for the housing components. 4,514,155, 4-30-85, Cl. 418-149.000.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Vacuum pump. 4,517,466, 5-14-85, Cl. 290-36.00R.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Vane pump with intermediate rotary casing and drive clutch. 4,521,169, 6-4-85, Cl. 418-69.000.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Vane-type pump with rotatable casing therein driven from pump shaft. 4,527,968, 7-9-85, Cl. 418-173.000.

Ogawa, Hitoshi, to Mitsubishi Denki Kabushiki Kaisha. Vane type pump device. 4,558,999, 12-17-85, Cl. 418-173.000.

Ogawa, Hitoshi: *See—*
- Eguchi, Mitsuo; Tagawa, Kiyoharu; Ogawa, Hitoshi; Bandai, Mikio; and Nagashima, Nobuharu, 4,523,829, Cl. 354-406.000.
- Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000.

Ogawa, Ichitaro: *See—*
- Yoshida, Hisayoshi; Ogawa, Ichitaro; Hagio, Tsuyoshi; Kobayashi, Kazuo; and Yamamoto, Takayoshi, 4,518,702, Cl. 501-90.000.

Ogawa, Junichi: *See—*
- Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.

Ogawa, Junji. Grapple attachment for log loader. 4,529,239, 7-16-85, Cl. 294-88.000.

Ogawa, Junji: *See—*
- Nakano, Tomio; Nakano, Masao; and Ogawa, Junji, 4,545,037, Cl. 365-205.000.

Ogawa, Kazufumi, to Matsushita Electric Industrial Co., Ltd. Method for producing crystals. 4,522,680, 6-11-85, Cl. 156-624.000.

Ogawa, Kazufumi, to Matsushita Electric Industrial Co., Ltd. Method for producing optical fiber. 4,530,709, 7-23-85, Cl. 65-3.120.

Ogawa, Kazufumi, to Matsushita Electric Industrial Co., Ltd. Adhesives for bonding optical elements. 4,560,457, 12-24-85, Cl. 204-159.160.

Ogawa, Kazuo: *See—*
- Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.

Ogawa, Kazuyoshi: *See—*
- Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, 4,562,424, Cl. 340-347.0NT.

Ogawa, Ken: *See—*
- Tomisawa, Yoshiaki; Kinoda, Seiji; Fujita, Eiji; Murata, Masanori; Takeuchi, Toshio; and Ogawa, Ken, 4,517,282, Cl. 430-399.000.

Ogawa, Kenji: *See—*
- Kubotera, Hiroshi; Ogawa, Kenji; and Hatakeyama, Kenji, 4,548,537, Cl. 414-276.000.

Ogawa, Kimiaki, to Asahi Kogaku Kogyo Kabushiki Kaisha. Video camera. 4,551,764, 11-5-85, Cl. 358-228.000.

Ogawa, Kimiaki: *See—*
- Aoki, Harumi; Morisawa, Tahei; Suzuki, Koji; and Ogawa, Kimiaki, 4,553,170, Cl. 358-225.000.
- Tabata, Yasushi; Ogawa, Kimiaki; and Takahashi, Toshimitsu, 4,534,634, Cl. 354-268.000.

Ogawa, Kimio: *See—*
- Ogata, Haruki; Ogawa, Kimio; and Umeda, Hiroyuki, 4,494,161, Cl. 360-132.000.

Ogawa, Kohji: *See—*
- Takase, Akio; Ogawa, Kohji; Tsutsumi, Takao; Yasuda, Yoshinori; and Taguchi, Hiroaki, 4,542,906, Cl. 273-185.00R.

Ogawa, Kyosuke; Shirai, Shigeru; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo. Amorphous silicon photoconductive member with interface and rectifying layers. 4,522,905, 6-11-85, Cl. 430-60.000.

Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, to Canon Kabushiki Kaisha. Photoconductive member. 4,529,679, 7-16-85, Cl. 430-84.000.

Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, to Canon Kabushiki Kaisha. Photoconductive member of amorphous silicon. 4,555,465, 11-26-85, Cl. 430-95.000.

Ogawa, Kyosuke: *See—*
- Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, 4,536,459, Cl. 430-57.000.
- Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,501,807, Cl. 430-57.000.
- Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,547,448, Cl. 430-84.000.

Ogawa, Masahide: *See—*
- Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.
- Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.

Ogawa, Masahiko, to Canon Kabushiki Kaisha. Distance measuring device. 4,494,848, 1-22-85, Cl. 354-403.000.

Ogawa, Masahiko; Tamura, Shuichi; Matsuda, Mutsuhide; and Kinoshita, Takao, to Canon Kabushiki Kaisha. Zone sensing apparatus. 4,529,304, 7-16-85, Cl. 356-1.000.

Ogawa, Masaki; Hirata, Yasushi; and Tsuchikura, Akira, to Bridgestone Tire Company Limited. Rubber compositions having improved crack growth resistance. 4,499,228, 2-12-85, Cl. 524-413.000.

- Ogawa, Masaki; and Shiomura, Yasuro, to Bridgestone Tire Company Limited. Method of modifying vulcanized rubber surface with halogenating agents. 4,500,685, 2-19-85, Cl. 525-343.000.
- Ogawa, Masaki; and Shiomura, Yasuro, to Bridgestone Tire Company Limited. Surface modifying compositions for vulcanized rubber and method of modifying vulcanized rubber surface using the same. 4,535,003, 8-13-85, Cl. 427-207.100.
- Ogawa, Masaki: *See—*
  - Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,515,922, Cl. 525-99.000.
  - Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.
- Ogawa, Masao: *See—*
  - Miyashiro, Yutaka; Ogawa, Masao; Yamazaki, Yoshio; and Igarasi, Seizi, 4,493,894, Cl. 435-178.000.
- Ogawa, Masashi; Ishigaki, Kunio; Iwasaki, Nobuyuki; and Nakamura, Taku, to Fuji Photo Film Co., Ltd. Silver halide photographic sensitive materials. 4,508,818, 4-2-85, Cl. 430-523.000.
- Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, to Fuji Photo Film Co., Ltd. Element for electrophoresis. 4,548,869, 10-22-85, Cl. 428-474.700.
- Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, to Fuji Photo Film Co., Ltd. Element for electrophoresis. 4,548,870, 10-22-85, Cl. 428-474.700.
- Ogawa, Masashi; Nakamura, Taku; Urata, Yukihide; and Yamauchi, Shingo, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material for photomechanical process and method of reduction treatment therefore. 4,551,412, 11-5-85, Cl. 430-265.000.
- Ogawa, Masashi: *See—*
  - Urata, Yukihide; Moriuchi, Shigenori; Nakamura, Taku; and Ogawa, Masashi, 4,533,623, Cl. 430-309.000.
- Ogawa, Masataka: *See—*
  - Takahashi, Yoshiteru; and Ogawa, Masataka, 4,551,645, Cl. 310-46.000.
- Ogawa, Masazo: *See—*
  - Shimohiro, Yoshiyuki; Ogawa, Masazo; and Ohnishi, Tooru, 4,548,648, Cl. 106-208.000.
- Ogawa, Masumi; Kawakami, Hiromi; and Meguro, Toshiaki, to Sony Corporation. Intercarrier sound detecting apparatus for a television receiver. 4,551,756, 11-5-85, Cl. 358-197.000.
- Ogawa, Michitaka: *See—*
  - Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.
- Ogawa, Mutsuo; and Murayama, Noboru, to Ricoh Company, Ltd. Digital facsimile communication system capable of representing tone differences. 4,504,115, 3-12-85, Cl. 358-260.000.
- Ogawa, Mutsuo: *See—*
  - Katsuragi, Shigeru; Hakkaku, Kunio; and Ogawa, Mutsuo, 4,559,565, Cl. 358-296.000.
- Ogawa, Naoki; and Toda, Akira, to Nissan Motor Company, Limited. Rocker cover assembly. 4,492,189, 1-8-85, Cl. 123-90.380.
- Ogawa, Naoki, to Nissan Motor Company, Limited. Member such as an engine cover adjacent to an automotive engine. 4,498,433, 2-12-85, Cl. 123-90.380.
- Ogawa, Naoki, to Nissan Motor Company, Limited. Automotive internal combustion engine with bearing beam structure. 4,520,770, 6-4-85, Cl. 123-195.00H.
- Ogawa, Naoki, to Nissan Motor Company, Limited. Noise reducing cover for an internal combustion engine. 4,522,165, 6-11-85, Cl. 123-195.00C.
- Ogawa, Naoki, to Nissan Motor Company, Limited. Various-covers and method for producing same. 4,562,111, 12-31-85, Cl. 428-289.000.
- Ogawa, Naoki: *See—*
  - Hayashi, Yoshimasa; and Ogawa, Naoki, 4,497,292, Cl. 123-195.00H.
  - Hayashi, Yoshimasa; and Ogawa, Naoki, 4,515,119, Cl. 123-198.00E.
  - Shimonosono, Hitoshi; Ogawa, Naoki; and Hirano, Yoshinori, 4,520,768, Cl. 123-41.440.
- Ogawa, Nobuo: *See—*
  - Itho, Yasuo; Kato, Hideo; Ogawa, Nobuo; Yamagishi, Kagari; Koshinaka, Eiichi; and Mitani, Kazuya, 4,525,356, Cl. 514-234.000.
  - Itoh, Yasuo; Kato, Hideo; Ogawa, Nobuo; Koshinaka, Eiichi; Suzuki, Tomio; and Yagi, Noriyuki, 4,528,287, Cl. 514-254.000.
- Ogawa, Norio; and Tsukamoto, Shuji, to Eisai Co., Ltd. Method for treatment of seizures. 4,491,594, 1-1-85, Cl. 424-331.000.
- Ogawa, Riichi: *See—*
  - Saito, Tadao; and Ogawa, Riichi, 4,531,657, Cl. 222-108.000.
- Ogawa, Rikuo: *See—*
  - Yutori, Toshio; and Ogawa, Rikuo, 4,533,401, Cl. 148-12.00B.
- Ogawa, Rokutaro: *See—*
  - Ohno, Kenichi; Hosomizu, Tohru; and Ogawa, Rokutaro, 4,500,906, Cl. 357-71.000.
- Ogawa, Ryota; and Negoro, Ikuo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Continuous variable magnification-type copying machine capable of enlarging and contracting an image. 4,498,759, 2-12-85, Cl. 355-8.000.
- Ogawa, Ryota, to Asahi Kogaku Kogyo Kabushiki Kaisha. Bright medium-range telephoto lens. 4,508,434, 4-2-85, Cl. 350-454.000.
- Ogawa, Shigeo: *See—*
  - Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.
- Ogawa, Shuji: *See—*
  - Yagi, Shigenori; Ogawa, Shuji; Kuzumoto, Masaki; and Tabata, Norikazu, 4,507,537, Cl. 219-121.0LA.
  - Yagi, Shigenori; Kuzumoto, Masaki; Tanaka, Masaaki; and Ogawa, Shuji, 4,510,606, Cl. 372-25.000.
- Ogawa, Shungi: *See—*
  - Takahashi, Osamu; Yamamura, Nobuo; Mukunoki, Yasuo; Ogawa, Shungi; and Nakagawa, Yutaka, 4,500,362, Cl. 106-309.000.
- Ogawa, Shunichi: *See—*
  - Hashimoto, Masanori; and Ogawa, Shunichi, 4,493,573, Cl. 400-647.100.
- Ogawa, Tadashi: *See—*
  - Yamaguchi, Keiki; Ogawa, Tadashi; Mitamura, Masayoshi; and Shimizu, Tooru, 4,532,644, Cl. 378-16.000.
- Ogawa, Takahiro: *See—*
  - Yamazaki, Kaoru; Kurioka, Shunichiro; Sakata, Mitsuya; and Ogawa, Takahiro, 4,524,193, Cl. 526-79.000.
- Ogawa, Takahisa; and Aritsubo, Hirofumi, to Nipon Pillar Packing Co.. Ltd. Emergency shaft seal device by deformation of packing ring. 4,541,638, 9-17-85, Cl. 277-9.000.
- Ogawa, Takaki: *See--*
  - Nakane, Masao; Takahashi, Motohiko; and Ogawa, Takaki, 4,511,974, Cl. 364-463.000.
- Ogawa, Takayoshi: *See—*
  - Tanizaki, Hiroyuki; Ebihara, Sakae; Hatanaka, Akimitsu; Ogawa, Takayoshi; and Kanazawa, Yuzo, 4,496,189, Cl. 297-63.000.
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- Ogawa, Toshihisa: *See—*
  - Kawai, Yukio; Ogawa, Toshihisa; and Yoshida, Seietsu, 4,492,199, Cl. 123-440.000.
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  - Aihara, Katsuzo; Tada, Naofumi; Suzuki, Yasuo; Ishihara, Joo; and Ogawa, Toshio, 4,560,404, Cl. 75-0.50C.
- Ogawa, Tsutomu: *See—*
  - Yamazaki, Yoshinori; and Ogawa, Tsutomu, 4,550,631, Cl. 74-[illegible].000.
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  - Furuno, Akihisa; Inukai, Kenichi; and Ogawa, Yasuo, 4,514,551, Cl. 526-233.000.
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  - Inaba, Humio; Ito, Hiromasa; and Ogawa, Yoh, 4,521,681, Cl. 250-205.000.
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  - Ninomiya, Ken; Nishimatsu, Shigeru; Suzuki, Keizo; Okudaira, Sadayuki; and Ogawa, Yoshifumi, 4,559,100, Cl. 156-345.000.
- Ogawa, Yoshinari; Sakai, Kouichi; and Akagi, Noriyuki, to Teijin Limited. Glass fiber-reinforced thermoplastic polyester composition. 4,506,043, 3-19-85, Cl. 523-523.000.
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  - Takaoka, Saburo; Naito, Ryuichi; Yokogawa, Fumihiko; and Ogawa, Youichi, 4,540,897, Cl. 307-268.000.
- Ogawa, Yozo: *See—*
  - Kato, Toshiyuki; Takahashi, Isao; Irie, Toshio; and Ogawa, Yozo, 4,561,910, Cl. 148-12.400.
- Ogawa, Yuichiro: *See—*
  - Ishii, Ryutaro; and Ogawa, Yuichiro, 4,540,131, Cl. 242-55.000.
  - Takeshita, Masaru; Tokunaga, Toshio; and Ogawa, Yuichiro, 4,516,451, Cl. 83-171.000.
- Ogawa, Yuji, to Olympus Optical Co., Ltd. Sample delivering method for use in automatic chemical analysis. 4,522,921, 6-11-85, Cl. 436-47.000.
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- **Ogawa, Yutaka**: *See*—
  - Hada, Takashi; Kanamaru, Tatsuya; and Ogawa, Yutaka, 4,510,209, Cl. 428-659.000.
- **Ogawara, Hiroshi**: *See*—
  - Honda, Seiichirou; Ogawara, Hiroshi; and Fukuda, Mutsumi, 4,534,798, Cl. 106-266.000.
- **Ogborne, Graham E.; and Hill, Frederick J.**, to Solar Turbines Incorporated. Gas turbine engine fuel controller. 4,506,503, 3-26-85, Cl. 60-39.281.
- **Ogden, Danny W.** Wrap around garment. 4,524,463, 6-25-85, Cl. 2-105.000.
- **Ogden Industries Pty. Ltd.**: *See*—
  - Dunphy, Gerald F.; and Newman, Donald J., 4,512,166, Cl. 70-366.000.
- **Ogden, Ralph.** Barbeque grill with paper start facility. 4,510,916, 4-16-85, Cl. 126-25.00B.
- **Oge, Eray.** Electrically heated steering wheel cover. 4,549,069, 10-22-85, Cl. 219-204.000.
- **Oger, Jacques; Hauer, Jean-Claude; and Freis, Jean-Louis**, to Pont-a-Mousson S.A. Manhole. 4,499,695, 2-19-85, Cl. 52-19.000.
- **Oger, Jacques**: *See*—
  - Hauer, Jean-Claude; and Oger, Jacques, 4,494,891, Cl. 404-4.000.
- **Ogez, John R.**: *See*—
  - Builder, Stuart E.; and Ogez, John R., 4,511,502, Cl. 260-112.00R.
- **Ogg, Richard.** Plywood bending. 4,495,019, 1-22-85, Cl. 156-222.000.
- **Ogg, Richard K.** Stacking chair. 4,548,441, 10-22-85, Cl. 297-239.000.
- **Ogg, Robert D.**, to Alpha Ocean Systems, Inc. Shank for an anchor structure. 4,559,893, 12-24-85, Cl. 114-304.000.
- **Ogi, Katsumi**: *See*—
  - Kimura, Etsuji; Ogi, Katsumi; and Sato, Kazusuke, 4,508,322, Cl. 266-149.000.
  - Kimura, Etsuji; Ogi, Katsumi; Sato, Kazusuke; and Hashimoto, Mayuki, 4,512,557, Cl. 266-171.000.
- **Ogi, Keisuke**: *See*—
  - Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, 4,534,622, Cl. 350-334.000.
- **Ogihara, Keizo**: *See*—
  - Hayashi, Ikuo; Itikawa, Tadao; Ogihara, Keizo; and Shimizu, Kiyoshi, 4,525,576, Cl. 528-313.000.
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- **Ogihara, Masahiro**: *See*—
  - Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, 4,534,821, Cl. 156-617.0SP.
- **Ogihara, Satoru; Takeda, Yukio; Maeda, Kunihiro; Nakamura, Kousuke; and Ura, Mitsuru**, to Hitachi, Ltd. Electrically insulating silicon carbide sintered body. 4,561,010, 12-24-85, Cl. 357-74.000.
- **Ogihara, Satoru**: *See*—
  - Maeda, Kunihiro; Usami, Katsuhisa; Takeda, Yukio; Ogihara, Satoru; and Asai, Osamu, 4,561,891, Cl. 75-238.000.
  - Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.
- **Ogihara, Toru**: *See*—
  - Ito, Masahiko; and Ogihara, Toru, 4,541,154, Cl. 24-442.000.
- **Ogihara, Yutaka**: *See*—
  - Taguchi, Shinichiro; Nagao, Nobuya; and Ogihara, Yutaka, 4,500,931, Cl. 358-310.000.
- **Ogilvie, Kelvin K.**, to ens Bio Logicals Inc. Substituted-aza-cytosine compounds and anti-viral uses thereof. 4,501,744, 2-26-85, Cl. 514-245.000.
- **Ogilvie, Kelvin K.** Antiviral triazine compounds. 4,508,898, 4-2-85, Cl. 544-211.000.
- **Ogilvie Mills Ltd.**: *See*—
  - Morrison, Bradley W., 4,522,832, Cl. 426-20.000.
- **Ogilvy, James J.**: *See*—
  - Jullien, Graham A., 4,492,896, Cl. 315-153.000.
- **Ogino, Hiroshi**: *See*—
  - Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, 4,541,371, Cl. 123-65.0PE.
- **Ogino, Isao**: *See*—
  - Nakamura, Osamu; Ogino, Isao; and Adachi, Masakazu, 4,554,224, Cl. 429-30.000.
- **Ogino, Makoto; Futami, Toshihiko; Kariya, Michio; Ichimura, Takeo; and Fujiu, Takamitsu**, to Nippon Kogaku K.K. Dental implant and method of making same. 4,497,629, 2-5-85, Cl. 433-201.000.
- **Ogino, Satoru**, to Kobishi Electric Co., Ltd. Electric terminal. 4,550,970, 11-5-85, Cl. 339-97.00P.
- **Ogino, Sekiya**: *See*—
  - Nakayama, Shozo; and Ogino, Sekiya, 4,521,190, Cl. 433-132.000.
- **Ogino, Shigeru**, to Toyota Jidosha Kabushiki Kaisha. Fuel injection control device for diesel engine. 4,541,392, 9-17-85, Cl. 123-502.000.
- **Ogino, Shuji**, to Minolta Camera Kabushiki Kaisha. Zoom lens system. 4,560,253, 12-24-85, Cl. 350-426.000.
- **Ogino, Shuji**: *See*—
  - Masumoto, Hisayuki; and Ogino, Shuji, 4,494,828, Cl. 350-427.000.
- **Ogino, Takao; Watanabe, Yoichi; and Sano, Shigehisa**, to Bridgestone Tire Company Limited. High-durable pneumatic radial tires. 4,520,857, 6-4-85, Cl. 152-527.000.
- **Ogino, Takashi**: *See*—
  - Takaya, Takao; Masugi, Takashi; Ogino, Takashi; and Tsuji, Kiyoshi, 4,500,709, Cl. 544-58.100.
- **Ogino, Teiji**, to Enuma Chain Manufacturing Co., Ltd. Roller chain link construction and method of manufacture. 4,494,945, 1-22-85, Cl. 474-231.000.
- **Ogino, Toshiro; and Kokawa, Katsuzo**, to Matsushita Electric Industrial Co., Ltd. Oil burner. 4,511,327, 4-16-85, Cl. 431-201.000.
- **Ogino, Yoshio**: *See*—
  - Mizukawa, Takumi; Ogino, Yoshio; Ohmori, Hideki; and Sato, Taketoshi, 4,555,608, Cl. 219-10.770.
- **Ogishima, Kiichiro**, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic head slider. 4,553,184, 11-12-85, Cl. 360-103.000.
- **Ogishima, Tetsuo**, to Honda Giken Kogyo Kabushiki Kaisha. Fairing device for motorcycles. 4,515,405, 5-7-85, Cl. 296-78.100.
- **Ogishima, Tetsuo**, to Honda Giken Kogyo Kabushiki Kaisha. Headlight device with two lights for motorcycles. 4,539,627, 9-3-85, Cl. 362-72.000.
- **Ogiso, Haruhiko**: *See*—
  - Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.
  - Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431.110.
- **Ogiso, Makoto**: *See*—
  - Hidaka, Tsuneo; Inoue, Masahide; and Ogiso, Makoto, 4,511,336, Cl. 433-173.000.
- **Ogiso, Osamu; Yamamoto, Hisao; and Suzuki, Akira**, to Takemoto Yushi Kabushiki Kaisha. Spin finish compositions for polyester and polyamide yarns. 4,552,671, 11-12-85, Cl. 252-8.900.
- **Ogiso, Osamu**: *See*—
  - Noda, Ippei; and Ogiso, Osamu, 4,502,968, Cl. 252-8.800.
  - Yamamoto, Hisao; Kimura, Fumihiko; and Ogiso, Osamu, 4,561,987, Cl. 252-8.900.
- **Ogiwara, Haruo**: *See*—
  - Yamano, Seiichi; and Ogiwara, Haruo, 4,507,721, Cl. 363-21.000.
- **Ogiwara, Osao**, to Akebono Brake Industry Co., Ltd. Semi-metallic friction pad subjected to rust preventive treatment. 4,505,963, 3-19-85, Cl. 428-74.000.
- **Ogiyama, Hiromi**: *See*—
  - Kanno, Fuchio; Sakamoto, Koji; Kobayashi, Kazuo; Yasuda, Wataru; and Ogiyama, Hiromi, 4,528,937, Cl. 118-657.000.
- **Ogland, Jon W.**, to United States of America, Air Force. High voltage grounding device for pressurized equipment. 4,521,656, 6-4-85, Cl. 200-148.00B.
- **Ogle, David W.** Toasting process using a toast guard. 4,533,558, 8-6-85, Cl. 426-466.000.
- **Ogle, James A.**: *See*—
  - Holz, George E.; and Ogle, James A., 4,532,505, Cl. 340-775.000.
- **Ogle, Terry B.** Apparatus for moving rolled sheet goods. 4,496,179, 1-29-85, Cl. 294-26.000.
- **Ogletree, David D.**: *See*—
  - Knepshield, William R.; Ogletree, David D.; and Sander, Nat, 4,499,898, Cl. 128-305.000.
  - Knepshield, William R.; Ogletree, David D.; and Sander, Nat, 4,538,356, Cl. 33-185.00R.
- **Ogletree, Robert H.**: *See*—
  - Powers, Frank M.; and Ogletree, Robert H., 4,509,728, Cl. 266-44.000.
- **Ogman, Abraham**, to Paul Revere Corporation, The. Apparatus to slice a large round bale. 4,497,163, 2-5-85, Cl. 56-341.000.
- **Ogo, Yoshimasa**: *See*—
  - Tamura, Kaoru; and Ogo, Yoshimasa, 4,538,294, Cl. 378-187.000.
- **Ogoe, Samuel A.**, to Dow Chemical Company, The. Carbonate polymer composition. 4,532,284, 7-30-85, Cl. 524-169.000.
- **Ogorek, Kurt**: *See*—
  - Holz, Joachim; Meier, Wolfgang; Schwarting, Karl-Heinz; Goris, Heinrich; and Ogorek, Kurt, 4,555,142, Cl. 299-43.000.
- **OGRAD s.r.l.**: *See*—
  - Grati, Giorgio, 4,550,853, Cl. 220-416.000.
  - Grati, Giorgio, 4,561,706, Cl. 312-258.000.
- **O'Grady, John W., Jr.**: *See*—
  - Melas, Andreas A.; and O'Grady, John W., Jr., 4,506,815, Cl. 222-630.000.
- **O'Grady, Thomas M.; Tatterson, David F.; and Coates, Ronald**, to Standard Oil Company (Indiana). Shale oil stabilization with a hydrogen donor quench and a hydrogen transfer catalyst. 4,536,277, 8-20-85, Cl. 208-11.00R.
- **O'Grady, Thomas M.**: *See*—
  - Tatterson, David F.; O'Grady, Thomas M.; and Coates, Ronald, 4,536,278, Cl. 208-11.00R.
- **O'Grady, Thomas R.**: *See*—
  - Daley, Eugene E., Jr.; and O'Grady Thomas R., 4,494,813, Cl. 339-99.00R.
- **Ogren, Dennis F.**: *See*—
  - Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.
- **Ogren, John R.**: *See*—
  - Blumenthal, Jack L.; Ogren, John R.; Rutkowski, Eugene V.; and Appel, Marvin, 4,514,698, Cl. 330-4.300.
- **Oguchi, Kimio**: *See*—
  - Tokura, Nobuyuki; Hakamata, Yoshiro; and Oguchi, Kimio, 4,562,582, Cl. 375-87.000.

- Oguchi, Kiyoshi. Negative-type resist sensitive to ionizing radiation. 4,520,097, 5-28-85, Cl. 430-280.000.
- Oguchi, Kiyoshi: *See—*
  - Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi; Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro, 4,556,619, Cl. 430-17.000.
- Oguchi, Shigemitsu: *See—*
  - Kogure, Kenji; Kakizaki, Takao; Mitsuya, Yasunaga; Oguchi, Shigemitsu; and Otani, Koji, 4,544,972, Cl. 360-105.000.
- Oguchi, Tetsuji, to Nippon Electric Co., Ltd. Display controlling apparatus. 4,491,834, 1-1-85, Cl. 340-726.000.
- Oguchi, Tetsuji, to Nippon Electric Co., Ltd. Information processing apparatus. 4,545,014, 10-1-85, Cl. 364-200.000.
- Oguchi, Yoshihiro: *See—*
  - Katagiri, Kazuharu; Oguchi, Yoshihiro; and Takasu, Yoshio, 4,548,886, Cl. 430-70.000.
  - Katagiri, Kazuharu; and Oguchi, Yoshihiro, 4,555,472, Cl. 430-278.000.
- Oguchi, Yukio; and Yasukawa, Kazuyoshi, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Operation control apparatus for industrial robot. 4,546,443, 10-8-85, Cl. 364-513.000.
- Oguchi, Yukio; and Yasukawa, Kazuyoshi, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Robot control apparatus. 4,558,424, 12-10-85, Cl. 364-513.000.
- Oguchi, Yutaka: *See—*
  - Kojima, Ichiro; Komiya, Kouji; Sato, Hiroshi; and Oguchi, Yutaka, 4,544,633, Cl. 435-86.000.
- O'Guin, Waco J.: *See—*
  - Vogel, William M., Jr.; Weingardt, Rolf E.; O'Guin, Waco J.; and Littenberg, Joseph S., 4,530,442, Cl. 220-354.000.
- Oguino, Masanori, to Hitachi, Ltd. Rear projection screen. 4,531,812, 7-30-85, Cl. 350-128.000.
- Oguino, Masanori, to Hitachi, Ltd. Rear projection apparatus. 4,536,056, 8-20-85, Cl. 350-128.000.
- Oguma, Kiyoshi: *See—*
  - Tamai, Masaharu; Adachi, Takashi; Oguma, Kiyoshi; Hanada, Kazunori; Omura, Sadafumi; and Katunuma, Nobuhiko, 4,507,232, Cl. 260-112.50R.
- Oguma, Noboru: *See—*
  - Endo, Keizo; Matsumura, Hiroshi; Hasunuma, Yoshifumi; Masai, Siro; and Oguma, Noboru, 4,522,237, Cl. 141-95.000.
- Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, to Aisin Seiki Kabushiki Kaisha. Automatic clutch control system. 4,518,068, 5-21-85, Cl. 192-0.052.
- Oguma, Tomio; Hirosawa, Kouichiro; and Mitsui, Tsutomu, to Aisin Seiki Kabushiki Kaisha. Automatic clutch control system. 4,529,072, 7-16-85, Cl. 192-0.052.
- Oguma, Tomio; and Hayakawa, Seiji, to Aisin Seiki Kabushiki Kaisha. Supercharger control apparatus for motor vehicles. 4,530,339, 7-23-85, Cl. 123-561.000.
- Oguma, Tomio: *See—*
  - Okamoto, Toshiaki; Oguma, Tomio; and Kaga, Matasaburo, 4,556,038, Cl. 123-564.000.
- Ogunbiyi, Lai; Scott, Francis L.; and Smith, Francis X., to Bausch & Lomb Incorporated. Methods for disinfecting and preserving contact lenses. 4,537,746, 8-27-85, Cl. 422-28.000.
- Oguni, Kensaku: *See—*
  - Atsumi, Akira; Oguni, Kensaku; Kuroda, Shigeaki; Senshu, Takao; and Yoshioka, Kazuo, 4,517,811, Cl. 62-197.000.
  - Atsumi, Akira; Oguni, Kensaku; Senshu, Takao; Terada, Hirokiyo; and Yoshioka, Kazuo, 4,551,983, Cl. 62-174.000.
  - Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
- Ogunro, E. Olayinka. Selectively removable prosthetic nail. 4,559,055, 12-17-85, Cl. 623-11.000.
- Ogura Clutch Co., Ltd.: *See—*
  - Koyama, Kinichi, 4,502,578, Cl. 192-26.000.
  - Takata, Terasu; and Inoue, Haruo, 4,538,711, Cl. 192-18.00R.
- Ogura, Hiroyuki: *See—*
  - Nakanishi, Hitoshi; and Ogura, Hiroyuki, 4,550,938, Cl. 289-1.200.
- Ogura, Ken; Yamada, Nobuhiko; and Ohmi, Hiroshi, to Nippondenso Co., Ltd. Method for plating an article and the apparatus therefor. 4,497,693, 2-5-85, Cl. 204-15.000.
- Ogura, Ken; and Nakaboh, Hiroshi, to Oki Electric Industry Co., Ltd. Process for forming heat-resistant resin films of polyimide and organosilicic reactants. 4,528,216, 7-9-85, Cl. 427-387.000.
- Ogura, Kunio, to Tokyo Shibaura Denki Kabushiki Kaisha. Rotating servomotor apparatus. 4,527,461, 7-9-85, Cl. 91-519.000.
- Ogura, Masahiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Display apparatus incorporated in an image-forming apparatus. 4,503,407, 3-5-85, Cl. 355-14.00C.
- Ogura, Masahiko, to Tokyo Shibaura Denki Kabushiki Kaisha. DC motor soft-start circuit. 4,510,422, 4-9-85, Cl. 318-254.000.
- Ogura, Masahiko: *See—*
  - Tanimoto, Yasufumi; and Ogura, Masahiko, 4,549,126, Cl. 318-696.000.
- Ogura, Masahiro: *See—*
  - Hasegawa, Junzo; Ogura, Masahiro; Kanema, Hiroshi; Kawaharada, Hajime; and Watanabe, Kiyoshi, 4,540,665, Cl. 435-146.000.
- Ogura, Mitsugi, to Tokyo Shibaura Denki Kabushiki Kaisha. MOS Dynamic memory cells and method of fabricating the same. 4,492,973, 1-8-85, Cl. 357-23.000.
- Ogura, Mitsuru, to Sharp Kabushiki Kaisha. Hand-held printer. 4,539,906, 9-10-85, Cl. 101-93.140.
- Ogura, Mototsugu; Ban, Yuzaburoh; and Hase, Nobuyasu, to Matsushita Electric Industrial Co., Ltd. Process of vapor phase epitaxy of compound semiconductors. 4,533,410, 8-6-85, Cl. 148-175.000.
- Ogura, Mutsuo, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Scanning-type lithographic and image-pickup device using optical fiber. 4,500,204, 2-19-85, Cl. 356-318.000.
- Ogura, Seiki; Riseman, Jacob; Rovedo, Nivo; and Shepard, Joseph F., to International Business Machines Corporation. Method for making self-aligned lateral bipolar transistors. 4,551,906, 11-12-85, Cl. 29-571.000.
- Ogura, Seiki: *See—*
  - Scheuerlein, Roy E.; and Ogura, Seiki, 4,506,351, Cl. 365-205.000.
- Ogura, Setsuo: *See—*
  - Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, 4,543,499, Cl. 307-477.000.
  - Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,505,766, Cl. 148-175.000.
  - Nagumo, Shuzo; Ogura, Setsuo; and Kitamura, Yukinori, 4,536,784, Cl. 357-48.000.
- Ogura, Shigetaro: *See—*
  - Endo, Ichiro; Ogura, Shigetaro; and Ohno, Shigeru, 4,531,138, Cl. 346-140.00R.
- Ogura, Shinji: *See—*
  - Horie, Motonobu; Suzuki, Minoru; and Ogura, Shinji, 4,556,072, Cl. 131-282.000.
- Ogura, Shunichiro; and Soumai, Masamichi, to Nippon Zeon Co. Ltd. Process for separating highly pure butene-1 and butene-2. 4,515,661, 5-7-85, Cl. 203-60.000.
- Ogura, Shunichiro; and Soumai, Masamichi, to Nippon Zeon Co. Ltd. Process for separating highly pure butene-1 or butene-1/isobutene mixture from C_4 hydrocarbon fraction. 4,555,312, 11-26-85, Cl. 203-29.000.
- Ogura, Shunichiro; and Soumai, Masamichi, to Nippon Zeon Co. Ltd. Process for separating highly pure butene-1 or butene-1/isobutene mixture from C_4 hydrocarbon fraction. 4,556,461, 12-3-85, Cl. 203-29.000.
- Ogura, Takashi; Hirohara, Toshihide; Matsunaga, Masaaki; Kamiya, Kiyoshi; and Tanaka, Tetsuo, to Citizen Watch Co., Ltd. Lighting device for a display panel of an electronic device. 4,561,044, 12-24-85, Cl. 362-84.000.
- Ogura, Yukio: *See—*
  - Kaneko, Yasuyuki; Ito, Masao; Ogura, Yukio; and Ishikawa, Jiro, 4,505,821, Cl. 210-611.000.
- Oguri, Katsuhiko, to Victor Company of Japan, Ltd. Electromagnetic pickup cartridge with flux sensors mounted above moving magnet. 4,524,439, 6-18-85, Cl. 369-136.000.
- Oguri, Shigenori, to Nippon Gakki Seizo Kabushiki Kaisha. Automatic rhythm performance device for electronic musical instruments. 4,526,079, 7-2-85, Cl. 84-1.030.
- Oguri, Yasuo; Saito, Junji; and Kijima, Naoto, to Mitsubishi Chemical Industries Limited. Process for producing a boehmite shaped product and a burned boehmite shaped product. 4,505,866, 3-19-85, Cl. 264-42.000.
- Oguro, Shinji: *See—*
  - Kanno, Takashi; Oka, Akira; Okamoto, Ituo; Mizushima, Kouji; and Oguro, Shinji, 4,510,552, Cl. 361-413.000.
- Oguro, Takeshi: *See—*
  - Murakami, Koichi; and Oguro, Takeshi, 4,551,779, Cl. 361-86.000.
- Ogusu, Chihaya: *See—*
  - Maruyama, Masanori; Fukushima, Masakazu; Kato, Shinichi; and Ogusu, Chihaya, 4,540,916, Cl. 315-16.000.
  - Taketoshi, Kazuhisa; and Ogusu, Chihaya, 4,492,981, Cl. 358-217.000.
- Oguti, Tosihiko: *See—*
  - Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, 4,508,561, Cl. 71-94.000.
- O'Gwynn, David C., to Ampex Corporation. Adaptive apparatus and method for control. 4,514,672, 4-30-85, Cl. 318-616.000.
- O'Gwynn, David C.; and Helmers, Thomas L., to Ampex Corporation. Adaptive end of tape detection apparatus and method. 4,561,608, 12-31-85, Cl. 242-186.000.
- Oh, Chang H., to J & L Importers, Inc. Cookware having integrally formed natural stone bottoms and method of manufacturing the same. 4,538,590, 9-3-85, Cl. 126-390.000.
- Oh-ishi, Tokuro; Takeda, Mikio; Nakajima, Hiromichi; and Nagao, Taku, to Tanabe Seiyaku Co., Ltd. 1,5-benzothiazepin-4-one, their pharmaceutical compositions and methods of use. 4,521,430, 6-4-85, Cl. 514-211.000.
- Oh, Kye H., to AT&T Bell Laboratories. Integrated circuit contact technique. 4,549,914, 10-29-85, Cl. 148-187.000.
- Oh, Myung Keun: *See—*
  - Kim, Sang K., 4,524,987, Cl. 280-204.000.
- Oh, Se-Kyung, to Boston University, Trustees of. Non-specific suppressive factors and process. 4,537,712, 8-27-85, Cl. 260-112.00R.
- Oh, Seibang, to Littelfuse, Inc. Spiral wound shunt type slow blow fuse. 4,560,971, 12-24-85, Cl. 337-164.000.
- O'Hagan, James B.: *See—*
  - Bacon, Frank M.; Brainard, John P.; O'Hagan, James B.; and Walko, Robert J., 4,529,571, Cl. 376-144.000.
- O'Hagan, Michael: *See—*
  - Hinkle, Robert W.; and O'Hagan, Michael, 4,547,778, Cl. 343-456.000.

- O'Halloran, Michael L., to Hesston Corporation. Adjustable hold down for the sickle of a reciprocating cutter assembly. 4,553,380, 11-19-85, Cl. 56-305.000.
- O'Hanlan, Thomas B.: *See—*
  - Collins, Donald A.; and O'Hanlan, Thomas B., 4,513,420, Cl. 371-38.000.
- O'Hanlon, Thomas A., to Inco Limited; Falconbridge Limited; Noranda Inc; Kidd Creek Mines Limited; and Flow Industries, Inc. Cutter assembly. 4,540,056, 9-10-85, Cl. 175-393.000.
- O'Hanlon, Thomas A.: *See—*
  - Reichman, James M.; O'Hanlon, Thomas A.; and Kendrew, Thomas J., 4,493,379, Cl. 175-57.000.
  - Reichman, James M.; O'Hanlon, Thomas A.; and Kendrew, Thomas J., 4,534,425, Cl. 175-53.000.
- O'Hara, Frank J.; Dibbern, John E., Jr.; and Moores, Gregory E., to Black & Decker Inc. Electrical connection system for switches. 4,491,752, 1-1-85, Cl. 310-71.000.
- Ohara, Ikuo: *See—*
  - Ohashi, Hiroyuki; Ohara, Ikuo; and Takami, Toru, 4,499,076, Cl. 424-143.000.
- O'Hara, John F., Jr.: *See—*
  - Friedes, Albert; Greene, Thomas V.; Idenden, Frederick W.; Moeller, Kenneth L.; Musen, Robert M.; and O'Hara, John F., Jr., 4,555,594, Cl. 179-18.00B.
- Ohara, Kazuya: *See—*
  - Imagawa, Toshiyuki; and Ohara, Kazuya, 4,527,281, Cl. 455-165.000.
- O'Hara, Kevin J.: *See—*
  - Wright, Alan J.; O'Hara, Kevin J.; and Turner, Stephen K., 4,558,076, Cl. 523-442.000.
- Ohara, Makoto: *See—*
  - Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.
- Ohara, Mamoru: *See—*
  - Akazawa, Yukio; Ishihara, Noboru; and Ohara, Mamoru, 4,542,350, Cl. 330-293.000.
- O'Hara, Mark J.; and Johnson, Russell W., to UOP Inc. Hydrocarbon conversion process. 4,497,704, 2-5-85, Cl. 208-112.000.
- O'Hara, Mark J.: *See—*
  - Hilfman, Lee; and O'Hara, Mark J., 4,501,655, Cl. 208-110.000.
- Ohara, Masanori: *See—*
  - Suzuki, Yoshihiro; Kinoshita, Hiroo; Sato, Masayasu; and Ohara, Masanori, 4,528,279, Cl. 502-200.000.
- Ohara, Minoru: *See—*
  - Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.
- Ohara, Muneyuki: *See—*
  - Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.
- O'Hara, Robert J. Air damper assembly with movable blades. 4,518,012, 5-21-85, Cl. 137-601.000.
- Ohara, Seishichi, to Clarion Co., Ltd. Auto device mounting structure. 4,557,445, 12-10-85, Cl. 248-27.100.
- Ohara, Shumpei: *See—*
  - Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.
- Ohara, Shunji; Yoshida, Tomio; Satoh, Isao; and Koishi, Kenji, to Matsushita Electric Industrial Co., Ltd. Semiconductor laser driving system. 4,509,156, 4-2-85, Cl. 369-54.000.
- Ohara, Shunji: *See—*
  - Koishi, Kenji; Yoshida, Tomio; Satoh, Isao; and Ohara, Shunji, 4,546,462, Cl. 369-53.000.
  - Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,535,439, Cl. 369-275.000.
  - Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,545,044, Cl. 369-32.000.
- O'Hara, Stephen G., to Phillips Petroleum Company. Vessel with high pressure feedthru. 4,560,232, 12-24-85, Cl. 339-268.00R.
- Ohara, Terumi: *See—*
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.
  - Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.
  - Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, 4,549,201, Cl. 358-13.000.
- Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, to Canon Kabushiki Kaisha. Single lens reflex camera. 4,508,439, 4-2-85, Cl. 354-154.000.
- Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, to Canon Kabushiki Kaisha. Delay mechanism for single reflex camera. 4,534,633, 8-13-85, Cl. 354-237.000.
- Ohara, Tsunemasa: *See—*
  - Suzuki, Masayuki; Yamamichi, Masayoshi; and Ohara, Tsunemasa, 4,498,750, Cl. 354-154.000.
- Ohara, Yuji; and Horikawa, Kazuo, to Fuji Photo Film Co., Ltd. Method of and system for laser beam recording. 4,535,342, 8-13-85, Cl. 346-108.000.
- Ohara, Yuji, to Fuji Photo Film Co., Ltd. Light quantity compensation apparatus. 4,549,190, 10-22-85, Cl. 346-108.000.
- O'Hare, Louis R. Convection powered solar food dryer. 4,501,074, 2-26-85, Cl. 34-93.000.
- O'Hare, Louis R. Self actuating diaphragm pump. 4,508,493, 4-2-85, Cl. 417-379.000.
- O'Hare, Louis R. Bimetallic solar engine. 4,551,978, 11-12-85, Cl. 60-641.130.
- Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, to Fuji Photo Film Co., Ltd.; and Sumitomo Light Metal Industries, Ltd. Support for lithographic printing plate and lithographic printing plate. 4,547,274, 10-15-85, Cl. 204-129.400.
- Ohashi, Azusa: *See—*
  - Ohba, Hisao; Uchida, Toshio; Ohashi, Azusa; and Kita, Nobuyuki, 4,537,496, Cl. 355-10.000.
- Ohashi, Hajime: *See—*
  - Iguchi, Hideaki; Sakai, Takayoshi; and Ohashi, Hajime, 4,561,050, Cl. 364-167.000.
  - Kanematsu, Hiroyuki; Nagae, Akimitsu; Mizoguchi, Kiyohisa; and Ohashi, Hajime, 4,521,860, Cl. 364-474.000.
- Ohashi, Hideki: *See—*
  - Yamada, Takeshi; Ohashi, Hideki; and Tanimoto, Masahiro, 4,559,201, Cl. 422-63.000.
- Ohashi, Hiromichi: *See—*
  - Tsukakoshi, Tsuneo; and Ohashi, Hiromichi, 4,546,369, Cl. 357-39.000.
- Ohashi, Hiroyuki; Ohara, Ikuo; and Takami, Toru, to Ajinomoto Co., Inc. Elemental diets for liver diseases. 4,499,076, 2-12-85, Cl. 424-143.000.
- Ohashi, Hiroyuki; Miyamoto, Shoichi; and Kurihara, Shigeru, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for recovering and utilizing waste heat. 4,530,826, 7-23-85, Cl. 423-376.000.
- Ohashi, Kazuo, to Kabushiki Kaisha Patine Shokai. Boot containing ventilation means. 4,507,880, 4-2-85, Cl. 36-115.000.
- Ohashi, Ken: *See—*
  - Tawara, Yoshio; and Ohashi, Ken, 4,497,672, Cl. 148-102.000.
- Ohashi, Kenzi: *See—*
  - Yamane, Toshihiro; Ohashi, Kenzi; and Sakaguchi, Toshiharu, 4,525,297, Cl. 252-511.000.
- Ohashi, Makoto: *See—*
  - Donuma, Kenichi; Ohashi, Makoto; and Ozeki, Takeshi, 4,539,476, Cl. 250-227.000.
- Ohashi, Mamoru: *See—*
  - Tamehiro, Hiroshi; Mazuda, Hiroo; Ohashi, Mamoru; and Onoe, Yasumitsu, 4,521,258, Cl. 148-12.00F.
- Ohashi, Mikio: *See—*
  - Watanabe, Hiroyuki; and Ohashi, Mikio, 4,494,337, Cl. 49-374.000.
- Ohashi, Mitunari: *See—*
  - Tanaka, Nobuyasu; Ohashi, Mitunari; and Iwamoto, Shohzoh, 4,498,569, Cl. 193-27.000.
- Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, to Sumitomo Chemical Company, Limited. Intermediates to optically active cis-1,3-dibenzyl-hexahydro-1H-furo[3,4-d]imidazole-2,4-dione. 4,496,739, 1-29-85, Cl. 548-321.000.
- Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, to Sumitomo Chemical Company, Limited. Preparation of optically active cis-1,3-dibenzyl-hexahydro-1H-furo[3,4-d]imidazole-2,4-dione and its intermediates. 4,544,635, 10-1-85, Cl. 435-121.000.
- Ohashi, Naohito; Nagata, Shoji; and Ishizumi, Kikuo, to Sumitomo Chemical Company, Limited. Process for producing 3-(3,4-dihydroxyphenyl) serine. 4,562,263, 12-31-85, Cl. 548-479.000.
- Ohashi, Naohito: *See—*
  - Ishizumi, Kikuo; Ohashi, Naohito; and Muramatsu, Michihisa, 4,540,695, Cl. 514-239.000.
- Ohashi, Saichiro, to Fuji Photo Film Co., Ltd. Photographic camera with built-in optical converter. 4,525,050, 6-25-85, Cl. 354-195.120.
- Ohashi, Shigeo; and Kawashima, Yoshiharu, to Nihon Kaiheiki Kogyo Kabushiki Kaisha. Small-sized rotary switch. 4,527,023, 7-2-85, Cl. 200-11.00G.
- Ohashi, Shigeo; and Suga, Hiroyuki, to Nihon Kaiheiki Kogyo Kabushiki Kaisha. Method of mounting a switch body on a printing wiring board or panel. 4,535,534, 8-20-85, Cl. 29-832.000.
- Ohashi, Shin-ichi: *See—*
  - Kimura, Hiroyuki; Iso, Yoshimi; Inoue, Shigeki; Takeuchi, Takashi; and Ohashi, Shin-ichi, 4,532,561, Cl. 360-73.000.
- Ohashi, Shinichi: *See—*
  - Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.
  - Iso, Yoshimi; Inoue, Shigeki; Noda, Tsutomu; and Ohashi, Shinichi, 4,539,665, Cl. 369-44.000.
  - Shibata, Akira; and Ohashi, Shinichi, 4,558,378, Cl. 360-19.100.
- Ohashi, Takashi: *See—*
  - Hashimoto, Takatsugu; and Ohashi, Takashi, 4,546,127, Cl. 523-219.000.
- Ohashi, Takeo, to Omron Tateisi Electronics Co. Electronic switching device having reduced power consumption. 4,533,972, 8-6-85, Cl. 361-156.000.
- Ohashi, Yoshiharu: *See—*
  - Ogata, Hajime; Ohashi, Yoshiharu; Tsugawa, Shunichi; Ichida, Toshio; and Irie, Toshio, 4,542,077, Cl. 428-629.000.

Ohashi, Yoshihiro: *See—*
Endo, Satsuo; Saito, Massaru; and Ohashi, Yoshihiro, 4,502,034, Cl. 338-128.000.

Ohashi, Yuichi: *See—*
Kamei, Sadao; Ohashi, Yuichi; Ukai, Toshinao; Yamamuro, Kiyohiko; and Takei, Haruo, 4,546,074, Cl. 430-573.000.

Ohata, Hiroyoshi: *See—*
Yodoshi, Tatsuo; Ohata, Hiroyoshi; and Inoue, Hiroshi, 4,519,638, Cl. 285-305.000.

Ohata, Keiichi, to NEC Corporation. Field-effect transistor having a channel region of a Group III-V compound semiconductor and a Group IV semiconductor. 4,556,895, 12-3-85, Cl. 357-23.700.

Ohata, Tomohisa: *See—*
Ono, Tetsuji; Ichihara, Shoichi; Ohata, Tomohisa; and Terui, Sadao, 4,504,598, Cl. 502-303.000.

Ohata, Yousuke: *See—*
Motomura, Minoru; Shibata, Kiyoshi; Watanabe, Toshio; and Ohata, Yousuke, 4,521,102, Cl. 355-14.0CU.

Ohaus Scale Corporation: *See—*
EerNisse, Errol P.; Gaiser, Mark D.; Hanley, John P.; Kistler, Walter P.; Paros, Jerome M.; and Wiggins, Robert B., 4,526,247, Cl. 177-210.0FP.
EerNisse, Errol P., 4,531,073, Cl. 310-370.000.
Scheffer, Daniel G.; Brock, Christopher W.; and Schumer, Douglas B., 4,525,794, Cl. 364-567.000.

Ohayon, Gerard; Reverchon, Bernard; Tourre, Bernard; and Vigier, Serge, to Lafarge Conseils et Etudes. Coal or multifuel burner. 4,493,271, 1-15-85, Cl. 110-262.000.

Ohba, Hiroshi; and Horino, Shigeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Sheet packet discharging apparatus. 4,519,523, 5-28-85, Cl. 221-129.000.

Ohba, Hisao; Uchida, Toshio; Ohashi, Azusa; and Kita, Nobuyuki, to Fuji Photo Film Co., Ltd. Method of replenishing a developer for photosensitive plate. 4,537,496, 8-27-85, Cl. 355-10.000.

Ohba, Hisao; Shirai, Akira; Kitazumi, Etsuo; and Kato, Norihiko, to Fuji Photo Film Co., Ltd. Process for producing support for planographic printing. 4,545,866, 10-8-85, Cl. 204-33.000.

Ohba, Hisao: *See—*
Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,533,444, Cl. 204-129.430.

Ohba, Hitoshi: *See—*
Tanaka, Motoaki; Toyama, Takanori; Ohba, Hitoshi; and Yamaguchi, Osamu, 4,500,649, Cl. 502-167.000.

Ohba, Koichi: *See—*
Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,537,051, Cl. 72-12.000.
Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,557,126, Cl. 72-16.000.
Niino, Shuheu; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,520,642, Cl. 72-8.000.

Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, to Nippondenso Co., Ltd. Electronic ignition control apparatus. 4,499,544, 2-12-85, Cl. 364-431 040.

Ohba, Masahiro: *See—*
Kuraoka, Hiroaki; Mizuno, Toshinori; Matsui, Katsumasa; and Ohba, Masahiro, 4,553,427, Cl. 73-117.300.
Yamazoe, Hisamitsu; Matsuura, Hideki; Ito, Katsunori; and Ohba, Masahiro, 4,526,042, Cl. 75-861.750.

Ohba, Masatoshi: *See—*
Sato, Ryuichi; Taniguchi, Tsutomu; and Ohba, Masatoshi, 4,520,289, Cl. 310-316.000.

Ohba, Seisuke: *See—*
Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Seisuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.

Ohba, Shinya: *See—*
Koike, Norio; Takemoto, Iwao; Ohba, Shinya; Masuhara, Toshiaki; and Kubo, Masaharu, 4,514,766, Cl. 358-213.000.
Koike, Norio; Ohba, Shinya; and Masuhara, Toshiaki, 4,559,550, Cl. 357-24.000.
Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.

Ohba, Shiya: *See—*
Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.

Ohba, Tsutomu: *See—*
Yamato, Toshio; Ohba, Tsutomu; and Kabata, Tunetoshi, 4,543,219, Cl. 261-109.000.

Ohba, Yasuhiro: *See—*
Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Ohbayashi-Gumi, Ltd.: *See—*
Kita, Daizo; Nakamura, Tsutomu; and Kawachi, Takeshi, 4,551,256, Cl. 252-8.5LC.

Ohbayashi, Keiji; and Nakamura, Shinichi, to Konishiroku Photo Industry Co., Ltd. Silver halide color photographic light-sensitive material. 4,529,690, 7-16-85, Cl. 430-543.000.

Ohbayashi, Nobuo; Kawata, Akiho; Miya, Shuichi; and Niinuma, Teruhisa, to Kanto Denka Kogyo Co., Ltd. Magnetic recording media. 4,556,604, 12-3-85, Cl. 428-323.000.

Ohbayashi, Yoshikazu: *See—*
Denda, Masahiko; Sato, Shinichi; Tsubouchi, Natsuro; Kinoshita, Shigeji; and Ohbayashi, Yoshikazu, 4,535,530, Cl. 29-571.000.

Ohchi, Torao; and Yasui, Hideo, to Tokyo Juki Industrial Co., Ltd. Workpiece holding-down device for a sewing machine. 4,538,533, 9-3-85, Cl. 112-239.000.

Ohde, Hironori: *See—*
Fujimoto, Michitaro; Ohde, Hironori; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi. 4,520,201, Cl. 548-342.000.

Ohe, Shunji: *See—*
Inaike, Toshihiro; Yamamoto, Shuji; Ohe, Shunji; and Otsuka, Kazunori, 4,535,105, Cl. 524-104.000.

Ohe, Takeshi: *See—*
Takeshima, Sadao; and Ohe, Takeshi, 4,549,627, Cl. 180-142.000.
Takeshima, Sadao; and Ohe, Takeshi, 4,552,240, Cl. 180-142.000.

Ohe, Yoshikazu, to Fujitsu Limited. Method of testing IC memories. 4,553,225, 11-12-85, Cl. 365-201.000.

Oheda, Hidetoshi: *See—*
Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.

Ohga, Juro: *See—*
Kaneda, Yutaka; and Ohga, Juro, 4,536,887, Cl. 381-92.000.

Ohga, Kunihiko: *See—*
Kamio, Takayoshi; Ohga, Kunihiko; and Mukunoki, Yasuo, 4,547,459, Cl. 430-631.000.
Yokoyama, Shigeki; and Ohga, Kunihiko, 4,495,275, Cl. 430-527.000.

Ohga, Suehisa: *See—*
Asano, Yuichiro; Hirahashi, Akira; Ohga, Suehisa; Yabe, Tadashi; Kurita, Kunio; and Momose, Atsushi, 4,492,472, Cl. 356-376.000.

Ohgai, Koya: *See—*
Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.

Ohgaki, Katuyoshi: *See—*
Kobayashi, Tetuo; and Ohgaki, Katuyoshi, 4,502,247, Cl. 49-352.000.

Ohgaki, Kichio; and Ohshima, Kazuhiro, to Kyosan Denki Kabushiki Kaisha. Diaphragm-type fuel pump. 4,551,071, 11-5-85, Cl. 417-313.000.

Ohgami, Masaaki; and Nakamura, Mitsuo, to Fuji Jukogyo Kabushiki Kaisha. Air-fuel ratio control system. 4,498,441, 2-12-85, Cl. 123-440.000.

Ohgami, Masaaki; and Matsui, Fujio, to Fuji Jukogyo Kabushiki Kaisha. Control system. 4,503,828, 3-12-85, Cl. 123-489.000.

Ohgami, Masaaki; Hara, Kazuo; and Abe, Kunihiro, to Fuji Jukogyo Kabushiki Kaisha. Engine speed control system. 4,555,762, 11-26-85, Cl. 364-431.090.

Ohgami, Masaaki: *See—*
Satoh, Tetsuo; Ohgami, Masaaki; and Ogata, Shoji, 4,549,163, Cl. 340-52.00R.

Ohgata, Toshihide: *See—*
Mizutani, Tatsumi; Ohgata, Toshihide; and Komatsu, Hideo, 4,511,429, Cl. 156-643.000.

Ohgi, Tadaaki: *See—*
Sempuku, Kenji; Shibata, Yoshihisa; and Ohgi, Tadaaki, 4,554,275, Cl. 514-245.000.

Ohgoh, Toshiharu: *See—*
Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.

Ohguro, Tamotsu: *See—*
Hiroyasu, Minoru; Yamashita, Hideo; Ohguro, Tamotsu; Yamagishi, Shigeru; and Shino, Shigenari, 4,555,205, Cl. 408-150.000.

Ohhachi, Yoshinori: *See—*
Ichikawa, Toshiji; Ohhachi, Yoshinori; and Kanda, Zensho, 4,547,191, Cl. 604-251.000.

Ohhara, Kenji: *See—*
Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, 4,547,823, Cl. 360-90.000.

Ohhara, Minoru: *See—*
Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.

Ohhashi, Akinami, to Tokyo Shibaura Denki Kabushiki Kaisha. Computed tomography device. 4,495,645, 1-22-85, Cl. 382-6.000.

Ohhashi, Masahide, to Tokyo Shibaura Denki Kabushiki Kaisha. Data error correction circuit. 4,498,178, 2-5-85, Cl. 371-37.000.

Ohhashi, Masahide, to Tokyo Shibaura Denki Kabushiki Kaisha. Two's complement multiplier circuit. 4,507,749, 3-26-85, Cl. 364-757.000.

Ohhashi, Mosaburo; and Yanai, Hiroshi. Piezoelectric device for detecting stoppage of a nozzle. 4,556,815, 12-3-85, Cl. 310-338.000.

Ohhashi, Yasuo, to Honda Giken Kogyo Kabushiki Kaisha. Timing belt pulley and method of manufacture. 4,547,179, 10-15-85, Cl. 474-152.000.

Ohhashi, Yasuo; Araki, Junichi; and Katsui, Yoshihiro, to Honda Giken Kogyo Kabushiki Kaisha. Pulley construction. 4,548,592, 10-22-85, Cl. 474-168.000.

Ohi, Nobukazu; Ohno, Koji; and Tosaki, Satoshi, to G-C Dental Industrial Corp. Gypsum composition for denture investment. 4,526,619, 7-2-85, Cl. 106-35.000.

Ohi, Nobukazu; Ohno, Koji; and Kamohara, Hiroshi, to G-C Dental Industrial Corp. Method for strengthening dental restorative material. 4,550,030, 10-29-85, Cl. 427-2.000.

- Ohi, Nobukazu: *See—*
  - Ohno, Koji; Ohi, Nobukazu; and Hayashi, Syohei, 4,546,006, Cl. 427-2.000.
- Ohi Seisakusho Co., Ltd.: *See—*
  - Akiyama, Yoshinori; Nishimura, Shinichi; and Harigaya, Isamu, 4,516,811, Cl. 308-3.00R.
  - Kagiyama, Tsutomu; and Takaishi, Tatsuyuki, 4,520,914, Cl. 192-71.000.
  - Moriya, Masaichi; and Seko, Osamu, 4,497,514, Cl. 292-336.300.
  - Moriya, Masaichi; Takaishi, Tatsuyuki; Mochida, Haruo; and Takeda, Yoshimitsu, 4,530,185, Cl. 49-280.000.
  - Utsumi, Shunji; and Chikaraishi, Takayo, 4,505,500, Cl. 292-48.000.
- Ohi, Shinichi, to Diesel Kiki Co., Ltd. Rotational speed sensor for vane compressors. 4,502,853, 3-5-85, Cl. 418-2.000.
- Ohi, Toshio: *See—*
  - Yoshida, Yasuhisa; and Ohi, Toshio, 4,513,570, Cl. 60-529.000.
- Ohio Agricultural Research and Development Center, The: *See—*
  - Holmes, Robert G., 4,515,291, Cl. 221-211.000.
  - Holmes, Robert G.; and Shearer, Scott A., 4,533,066, Cl. 221-211.000.
- Ohio Machine Company, Inc.: *See—*
  - Fike, Louis T., 4,529,367, Cl. 425-17.000.
- Ohio Medical Instrument Company, Inc.: *See—*
  - Day, James L., 4,545,572, Cl. 269-328.000.
- Ohio Medical Research, Inc.: *See—*
  - Hoffman, Allan; and Benford, Harry, 4,552,142, Cl. 128-207.160.
- Ohio Seisakusho Co., Ltd.: *See—*
  - Nishimura, Shinichi; Mizuno, Saburo; and Miyamoto, Kiyoshi, 4,515,404, Cl. 296-65.00R.
- Ohio State Home Services, Inc.: *See—*
  - DiCello, Robert T., 4,538,386, Cl. 52-169.500.
- Ohio State University, The: *See—*
  - Andresen, Brian D.; and Ng, Kwokei J., 4,501,817, Cl. 436-161.000.
  - Horton, Derek; and Priebe, Waldemar, 4,537,882, Cl. 514-34.000.
  - Richardson, Richard W., 4,532,408, Cl. 219-130.010.
  - Stevens, Vernon C., 4,526,716, Cl. 260-112.50R.
- Ohio State University Research Foundation, The: *See—*
  - Hink, Walter F., Jr., 4,554,251, Cl. 435-240.000.
  - Horton, Derek; and Priebe, Waldemar A., 4,562,177, Cl. 514-34.000.
  - Kuwana, Theodore; and Kao, Wen-Hong, 4,541,905, Cl. 204-38.700.
  - Shore, Sheldon G.; and Bhattacharyya, Alakananda, 4,496,532, Cl. 423-417.000.
  - Shore, Sheldon G.; and Hsu, Wen-Liang, 4,515,728, Cl. 260-429.0CY.
  - Witiak, Donald T.; and Rahwan, Ralf G., 4,542,153, Cl. 514-466.000.
- Ohio Table Pad Company, The: *See—*
  - Krauser, Christopher P., 4,517,232, Cl. 428-57.000.
- Ohira, Kazuhiko: *See—*
  - Kasari, Akira; Ohira, Kazuhiko; and Inoue, Hiroshi, 4,530,958, Cl. 524-512.000.
- Ohira, Seiichi: *See—*
  - Sasaki, Tohru; Endoh, Hiroyuki; and Ohira, Seiichi, 4,521,483, Cl. 428-373.000.
- Ohira, Takao; Okihara, Daijiro; and Niiro, Makoto, to Sony Corporation. Video tape recorder. 4,511,934, 4-16-85, Cl. 360-55.000.
- Ohira, Tomohiro: *See—*
  - Kishi, Yoshiki; Hirotani, Toyotoshi; Ohira, Tomohiro; and Fukui, Yukio, 4,550,294, Cl. 332-7.510.
- Ohira, Tsuyoshi: *See—*
  - Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.
  - Takemae, Yoshihiro; Ohira, Tsuyoshi; and Enomoto, Seiji, 4,504,929, Cl. 365-210.000.
  - Takemae, Yoshihiro; Nakano, Tomio; and Ohira, Tsuyoshi, 4,532,613, Cl. 365-230.000.
- Ohira, Yasuo: *See—*
  - Nunokawa, Eiichi; Ishida, Toshihiko; and Ohira, Yasuo, 4,511,099, Cl. 242-71.800.
- Ohisa, Takayuki: *See—*
  - Kobayashi, Takashi; Inagaki, Takeshi; Takahashi, Hiroshi; and Ohisa, Takayuki, 4,494,843, Cl. 354-214.000.
- Ohishi, Chikashi, to Fuji Photo Film Co., Ltd. Electrophotographic element with copolymer interlayer. 4,500,620, 2-19-85, Cl. 430-60.000.
- Ohishi, Chikashi: *See—*
  - Nakao, Sho; Kunichika, Kenji; Ohishi, Chikashi; Iwai, Masato; and Iwamoto, Kiyoshi, 4,559,288, Cl. 430-60.000.
  - Shiba, Keisuke; Yazawa, Hiromi; Ohishi, Chikashi; and Nakao, Sho, 4,500,618, Cl. 430-49.000.
  - Shiba, Keisuke; Fuchizawa, Tetsuro; Nakao, Sho; and Ohishi, Chikashi, 4,555,461, Cl. 430-49.000.
- Ohishi, Kenji; and Hashimoto, Yasuhiko, to Mitsubishi Denki Kabushiki Kaisha. Integral type air conditioning device. 4,538,425, 9-3-85, Cl. 62-280.000.
- Ohishi, Kishiro; and Kato, Choji, to Hokuetsu Kamiseisen Kabushikikaisha. Apparatus for and method of removing wound paper from a core rod. 4,496,111, 1-29-85, Cl. 242-55.000.
- Ohiwa, Kenichi: *See—*
  - Wachi, Sadayuki; Ohiwa, Kenichi; Shimada, Yasuo; and Hino, Takao, 4,553,931, Cl. 432-246.000.
- Ohkata, Ichizo, to Katou Hatsujo Kaisha Ltd. Device for automatically adjusting angle of louver. 4,497,241, 2-5-85, Cl. 98-40.250.
- Ohkata, Ichizo, to Kato Hatsujo Kaisha Ltd. Freeze preventing valve. 4,522,219, 6-11-85, Cl. 137-62.000.
- Ohkata, Ichizo, to Kato Hatsujo Kaisha Ltd. Freeze preventing valve. 4,523,605, 6-18-85, Cl. 137-62.000.
- Ohkawa, Kouji: *See—*
  - Kase, Hiroshi; Matsumoto, Yoshiaki; and Ohkawa, Kouji, 4,521,950, Cl. 29-568.000.
- Ohkawa, Masaki: *See—*
  - Saitoh, Hiroshi; Kadooka, Katsuyuki; Tsukamoto, Mamoru; Ono, Shoji; and Ohkawa, Masaki, 4,552,772, Cl. 426-557.000.
- Ohkawa, Michihisa: *See—*
  - Watanabe, Tatsuo; Ohkawa, Michihisa; and Mizuno, Toshio, 4,553,086, Cl. 324-57.00N.
- Ohkawa, Nobuhisa: *See—*
  - Kobayashi, Nobuyuki; Ito, Hiroshi; and Ohkawa, Nobuhisa, 4,513,710, Cl. 123-339.000.
- Ohkawa, Shuji: *See—*
  - Ishihara, Masahiro; Watanabe, Mitsuru; Ohkawa, Shuji; Taguchi, Shunichi; and Kikuchi, Itsuo, 4,520,250, Cl. 219-10.55B.
  - Taguchi, Shunichi; Ohkawa, Shuji; Watanabe, Mitsuru; and Kikuchi, Itsuo, 4,518,839, Cl. 219-10.55B.
- Ohkawa, Tihiro, to GA Technologies Inc. Multipole pinch method and apparatus for producing average magnetic well in plasma confinement. 4,543,231, 9-24-85, Cl. 376-133.000.
- Ohkawa, Tihiro, to GA Technologies Inc. Method and apparatus for producing average magnetic well in a reversed field pinch. 4,560,528, 12-24-85, Cl. 376-121.000.
- Ohkawa, Toshio: *See—*
  - Morimoto, Toru; Ohsaki, Tsuyoshi; Ohkawa, Toshio; and Fujita, Masahito, 4,552,719, Cl. 419-2.000.
- Ohkawara Kakohki Kabushiki Kaisha: *See—*
  - Kijima, Shoichiro; and Ohkawara, Masaaki, 4,541,566, Cl. 239-224.000.
- Ohkawara, Masaaki: *See—*
  - Kijima, Shoichiro; and Ohkawara, Masaaki, 4,541,566, Cl. 239-224.000.
- Ohki, Hajime: *See—*
  - Suzuki, Hirosuke; and Ohki, Hajime, 4,525,693, Cl. 333-236.000.
- Ohki, Hideo: *See—*
  - Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.
- Ohki, Hiroshi: *See—*
  - Konno, Kunio; Tanaka, Masashi; and Ohki, Hiroshi, 4,531,815, Cl. 350-475.000.
- Ohki, Kouichi: *See—*
  - Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,545,070, Cl. 382-48.000.
  - Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,555,801, Cl. 382-44.000.
- Ohki, Masaru: *See—*
  - Hirosawa, Toshio; Ohki, Masaru; Miyazaki, Katuto; Kobayashi, Nobuo; and Koizumi, Naoko, 4,550,386, Cl. 364-900.000.
- Ohki, Nobutaka; and Yoshida, Yoshinobu, to Fuji Photo Film Co., Ltd. Color photographic light-sensitive material comprising phenol or naphthol having sulfamoylamino group. 4,525,451, 6-25-85, Cl. 430-551.000.
- Ohki, Nobutaka; Furutachi, Nobuo; and Yoshida, Yoshinobu, to Fuji Photo Film Co., Ltd. Color photographic materials with phenol or naphthol ring compound having sulfoamido group. 4,530,899, 7-23-85, Cl. 430-551.000.
- Ohki, Nobutaka; Tsubota, Motohiko; Morigaki, Masakazu; and Hamaoka, Tsutomu, to Fuji Photo Film Co., Ltd. Color diffusion transfer element with hydroquinone type compound. 4,542,086, 9-17-85, Cl. 430-218.000.
- Ohki, Nobutaka: *See—*
  - Endo, Katsusuke; Kato, Eiichi; Ohki, Nobutaka; and Ishikawa, Takatoshi, 4,493,888, Cl. 430-405.000.
- Ohki, Tomio; and Yoshioka, Toshio, to Nippon Pet Food Company, Ltd. Pet litter. 4,532,890, 8-6-85, Cl. 119-1.000.
- Ohki, Yoshitaka: *See—*
  - Sato, Kenichi; and Ohki, Yoshitaka, 4,541,396, Cl. 123-518.000.
- Ohkoshi, Akio; Ueno, Kiichi; Muchi, Tsuneo; Masatoki, Tamihaura; and Michiba, Isamu, to Sony Corporation. Cathode ray tube apparatus. 4,529,905, 7-16-85, Cl. 313-35.000.
- Ohkoshi, Akio; Toyama, Takashi; and Watanabe, Toshiro, to Sony Corporation. Color projector apparatus of single cathode ray tube type. 4,533,850, 8-6-85, Cl. 313-36.000.
- Ohkoshi, Akio: *See—*
  - Igarashi, Kimizo; Takigawa, Katsumi; Muchi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio, 4,526,601, Cl. 65-59.100.
- Ohkoshi, Masayoshi; and Suzuno, Yoshiro, to Diesel Kiki Co., Ltd. Centrifugal governor for internal combustion engine. 4,498,437, 2-12-85, Cl. 123-373.000.
- Ohkoshi, Tatsuo; and Kobayashi, Chikara, to Nara Machinery Co., Ltd. Mixer-granulator drier. 4,511,093, 4-16-85, Cl. 241-60.000.
- Ohkoshi, Tokio: *See—*
  - Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.
- Ohkouchi, Fusakichi; and Suzuki, Kazuhiro, to Ricoh Company, Ltd. Method of and apparatus for compensating image in image reproduction system. 4,517,607, 5-14-85, Cl. 358-284.000.

- Ohkubo, Hideo, to Diesel Kiki Co., Ltd. Centrifugal injection timing control device for fuel injection pumps. 4,557,239, 12-10-85, Cl. 123-501.000.
- Ohkubo, Hiroyuki, to Sony Corporation. Magnetic sensor with two series-connected magnetoresistive elements and a bias magnet for sensing the proximity of a relatively movable magnetically permeable member. 4,492,922, 1-8-85, Cl. 324-207.000.
- Ohkubo, Hiroyuki: *See*—
  - Narimatsu, Akihisa; and Ohkubo, Hiroyuki, 4,523,381, Cl. 33-125.00C.
- Ohkubo, Masaharu; Hayashi, Nobuhiro; and Aoki, Tomohiro, to Canon Kabushiki Kaisha. Developing device for use in electrophotography. 4,498,755, 2-12-85, Cl. 355-3.0DD.
- Ohkubo, Masahiro, to Kabushiki Kaisha Daikin Seisakusho. Power change-over mechanism of a vehicle for industrial machinery. 4,553,623, 11-19-85, Cl. 180-247.000.
- Ohkubo, Shoichi: *See*—
  - Ashida, Kaneyoshi; Ohtani, Masaaki; and Ohkubo, Shoichi, 4,514,525, Cl. 521-112.000.
- Ohkubo, Takashi: *See*—
  - Nishiwaki, Kenichiro; Sakai, Tomio; and Ohkubo, Takashi, 4,508,885, Cl. 526-318.000.
  - Okazaki, Haruo; and Ohkubo, Takashi, 4,510,274, Cl. 523-411.000.
- Ohkubo, Tetsuo: *See*—
  - Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, 4,536,588, Cl. 549-374.000.
  - Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, 4,540,809, Cl. 560-185.000.
- Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, to Matsushita Electric Industrial Co., Ltd. Method for driving solid-state image sensor. 4,551,757, 11-5-85, Cl. 358-212.000.
- Ohkubo, Yuichi: *See*—
  - Kominami, Yasuo; Ohkubo, Yuichi; Aizawa, Kohki; and Sasaki, Satoshi, 4,525,636, Cl. 307-264.000.
  - Watanabe, Kazuo; Ohkubo, Yuichi; Haeno, Akira; and Yokogawa, Fumihiko, 4,520,282, Cl. 307-491.000.
- Ohkubo, Yuji, to Nippon Kogaku K.K. Information display device for camera. 4,530,581, 7-23-85, Cl. 354-127.120.
- Ohkuma, Hiroaki: *See*—
  - Hatori, Masami; Ohkuma, Hiroaki; Konishi, Masataka; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,508,647, Cl. 260-239.30T.
- Ohkuma, Takeo; and Tanaka, Akihiko, to Nippon Seiko Kabushiki Kaisha. Sealing device for a rolling bearing. 4,505,484, 3-19-85, Cl. 277-94.000.
- Ohkuma, Yuji, to Fujitsu Limited. Apparatus for wet processing. 4,557,785, 12-10-85, Cl. 156-345.000.
- Ohkuni, Shinichiro; and Kitazawa, Yoichi, to Bridgestone Tire Company Limited. Pair of pneumatic belted tires for motorcycle. 4,510,983, 4-16-85, Cl. 152-361.00R.
- Ohkura Electric Co., Ltd.: *See*—
  - Wachi, Akira; and Hayashi, Munehisa, 4,517,838, Cl. 73-204.000.
- Ohkura, Isao: *See*—
  - Noguchi, Teruo; and Ohkura, Isao, 4,562,453, Cl. 357-44.000.
- Ohkura, Makoto: *See*—
  - Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, 4,498,951, Cl. 156-612.000.
- Ohkura, Zenichi; and Kohmoto, Shinsuke, to Asahi Kogaku Kogyo Kabushiki Kaisha. Lens driving apparatus in cameras. 4,560,237, 12-24-85, Cl. 350-255.000.
- Ohl, Herbert, to Wilkhahn Wilkening & Hahne GmbH & Co. Chair. 4,552,406, 11-12-85, Cl. 297-445.000.
- Ohl, John P.: *See*—
  - Spence, Lewis C., 4,552,106, Cl. 123-198.00A.
- Ohlgren, Eilef J. Building construction lift apparatus. 4,550,807, 11-5-85, Cl. 187-10.000.
- Ohlidal, Vladimi: *See*—
  - Junek, Jan; Skarka, Josef; Jaros, Frantisek; Hortlik, Frantisek; Hacova, Kveta; Vobornik, Vaclav; Ohlidal, Vladimi; and Lihtarova, Ludmila, 4,499,718, Cl. 57-301.000.
- Ohlinger, Manfred; Vaeth, Guenter; Rudolf. Peter; Sarnecki, Wilhelm; Jakusch, Helmut; Koester, Eberhard; and Melzer, Milena, to BASF Aktiengesellschaft. Preparation of acicular, ferrimagnetic iron oxides. 4,497,723, 2-5-85, Cl. 252-62.560.
- Ohlinger, Manfred: *See*—
  - Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, 4,492,804, Cl. 564-493.000.
  - Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Ohlinger, Manfred; Wilfinger, Hans J.; Pfannebecker, Emil; and Duffner, Paul, 4,521,527, Cl. 502-184.000.
- Ohloff, Gunther: *See*—
  - Giersch, Wolfgang K.; and Ohloff, Gunther, 4,524,019, Cl. 252-522.00R.
- Ohlschlager, Hans: *See*—
  - Schumann, Hans-Joachim; Ohlschlager, Hans; and Kampfer, Helmut, 4,543,308, Cl. 430-21.000.
- Ohlson, Carl E., to AO Medical Products AB. Fixing means for mounting X-ray films. 4,527,347, 7-9-85, Cl. 40-361.000.
- Ohlson, Kurt L. Card, especially ID-card intended retainer. 4,518,080, 5-21-85, Cl. 206-39.000.
- Ohlsson, Stig L.; and Berthou, Jan-Olov K., to Perstorp AB. Porous ceramic abrasive wheel or ceramic filter. 4,494,964, 1-22-85, Cl. 51-296.000.
- Ohm, Edward A., to AT&T Bell Laboratories. Multibeam antenna arrangement. 4,535,338, 8-13-85, Cl. 343-781.0CA.
- Ohma, Toshio, to Showa Manufacturing Co., Ltd. Front fork for cycle. 4,493,490, 1-15-85, Cl. 280-276.000.
- Ohmachi, Kazuhiko: *See*—
  - Kitajima, Hiroyuki; and Ohmachi, Kazuhiko, 4,495,570, Cl. 364-200.000.
  - Kitajima, Hiroyuki; Ohmachi, Kazuhiko; Doki, Mitsuru; Kazama, Junichi; and Kanao, Hidekazu, 4,542,458, Cl. 364-200.000.
- Ohmachi, Yuko: *See*—
  - Koyama, Mikio; Okaniwa, Kenichiro; Saruhashi, Masakuni; and Ohmachi, Yuko, 4,557,901, Cl. 422-56.000.
- Ohmae, Kenichi; Tateisi, Kazuma; Shinohara, Yoshitsugu; and Ichihashi, Masazumi, to Omron Tateisi Electronics Co. Electronic cash register. 4,562,341, 12-31-85, Cl. 235-379.000.
- Ohmae, Tsutomu: *See*—
  - Noto, Yasuo; Naito, Shotaro; and Ohmae, Tsutomu, 4,500,820, Cl. 318-139.000.
- Ohmi, Akira: *See*—
  - Hata, Takuoki; Ohmi, Akira; Ushijima, Tadayoshi; and Kuroda, Takayuki, 4,558,021, Cl. 501-137.000.
- Ohmi, Hiroshi: *See*—
  - Ogura, Ken; Yamada, Nobuhiko; and Ohmi, Hiroshi, 4,497,693, Cl. 204-15.000.
- Ohmi, Shigeaki; Shingaki, Seiichi; Sakai, Hiroyuki; and Asahara, Yoshiyuki, to Hoya Corporation. Process for producing glass product having gradient of refractive index. 4,525,189, 6-25-85, Cl. 65-3.150.
- Ohmi, Sigeru: *See*—
  - Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, 4,506,028, Cl. 502-101.000.
- Ohmi, Tadahiro: *See*—
  - Nishizawa, Jun-ichi; Ohmi, Tadahiro; Murakoshi, Makoto; and Shimanuki, Koji, 4,504,865, Cl. 358-213.000.
  - Nishizawa, Jun-ichi; and Ohmi, Tadahiro, 4,506,281, Cl. 357-43.000.
  - Nishizawa, Jun-ichi; Ohmi, Tadahiro; and Morishita, Masakazu, 4,534,033, Cl. 372-50.000.
  - Nishizawa, Jun-ichi; and Ohmi, Tadahiro, 4,558,660, Cl. 118-725.000.
- Ohminato, Kiyoshi; and Miyamoto, Kenzo, deceased (by Miyamoto, Toshiko, executor), to King Jim Co., Ltd. Paper clip. 4,506,416, 3-26-85, Cl. 24-67.00R.
- Ohmine, Toshinori: *See*—
  - Manome, Taichi; Ohmine, Toshinori; Okazaki, Takao; and Arai, Mamoru, 4,517,300, Cl. 435-317.000.
- Ohmiya, Takeo: *See*—
  - Taguchi, Atsushi; and Ohmiya, Takeo, 4,525,585, Cl. 536-98.000.
- Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, to Daikin Kogyo Co., Ltd. Optical materials. 4,500,694, 2-19-85, Cl. 526-245.000.
- Ohmori, Akira; and Tomihashi, Nobuyuki, to Daikin Kogyo Co., Ltd. Acrylic type self-adhesive. 4,504,642, 3-12-85, Cl. 526-246.000.
- Ohmori, Akira; Tomihashi, Nobuyuki; and Shimizu, Yoshiki, to Daikin Kogyo Co., Ltd. Fluorine-containing copolymer and composition containing the same. 4,529,785, 7-16-85, Cl. 526-247.000.
- Ohmori, Akira; Tomihashi, Nobuyuki; Inukai, Hiroshi; and Shimizu, Yoshiki, to Daikin Kogyo Co., Ltd. Fluorine-containing copolymer. 4,544,720, 10-1-85, Cl. 526-247.000.
- Ohmori, Akira, Tomihashi, Nobuyuki; and Kitahara, Takahiro, to Daikin Kogyo Co., Ltd. Copolymers for optical fibers. 4,557,562, 12-10-85, Cl. 350-96.340.
- Ohmori, Akira: *See*—
  - Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.
  - Tsunoda, Takahiro, Yamaoka, Tsuguo; Ohmori, Akira; Tomihashi, Nobuyuki; and Tamaru, Sinji, 4,529,783, Cl. 526-246.000.
- Ohmori, Hatsutaro, to Kabushiki Kaisha Ohmori Seisakusho. Spinning type fishing reel with selectably clicking or non-clicking ratchet mechanism. 4,546,932, 10-15-85, Cl. 242-84.21R.
- Ohmori, Hideki: *See*—
  - Mizukawa, Takumi; Ogino, Yoshio; Ohmori, Hideki; and Sato, Taketoshi, 4,555,608, Cl. 219-10.770.
- Ohmori, Kaoru: *See*—
  - Yoshida, Hiroshi; Koike, Kengo; Shimano, Shizuo; Nakagawa, Taizo; and Ohmori, Kaoru, 4,500,536, Cl. 514-397.000.
- Ohmori, Kenji, to NEC Corporation. Dynamic gate array whereby an assembly of gates is simulated by logic operations on variables selected according to the gates. 4,541,071, 9-10-85, Cl. 364-900.000.
- Ohmori, Kouichi: *See*—
  - Yoshikawa, Ryoichi; Ohmori, Kouichi; and Watanabe, Isao, 4,542,974, Cl. 354-415.000.
- Ohmori, Nobuo: *See*—
  - Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
- Ohmori, Tadashi; Fujiso, Tokuo; Yasui, Eiji; Nomura, Soichi; and Aizawa, Yukio, to Nippon Oil Co., Ltd. Process for preparing a hydrocarbon reforming catalyst. 4,537,872, 8-27-85, Cl. 502-230.000.
- Ohmori, Taiji; Sato, Makoto; and Tsuchiya, Yoshikazu, to Honda Giken Kogyo Kabushiki Kaisha. Antilock brake system with separate front- and rear-wheel safety means. 4,494,801, 1-22-85, Cl. 303-92.000.
- Ohmori, Takashi: *See*—
  - Inui, Toshiharu; Kurata, Masami; Nakajima, Hisao; and Ohmori, Takashi, 4,499,476, Cl. 346-76.0PH.
  - Kurata, Masami; and Ohmori, Takashi, 4,494,152, Cl. 358-293.000.

Kurata, Masami; Inui, Toshiharu; and Ohmori, Takashi, 4,510,523, Cl. 358-75.000.

Kurata, Masami; and Ohmori, Takashi, 4,532,551, Cl. 358-293.000.

Kurata, Masami; and Ohmori, Takashi, 4,546,381, Cl. 358-78.000.

Kurata, Masami; and Ohmori, Takashi, 4,558,374, Cl. 358-287.000.

Moriguchi, Haruhiko; and Ohmori, Takashi, 4,496,988, Cl. 358-294.000.

Moriguchi, Haruhiko; Kikuchi, Yoshiki; and Ohmori, Takashi, 4,502,065, Cl. 346-204.000.

Moriguchi, Haruhiko; Moriguchi, Fujio; and Ohmori, Takashi, 4,510,506, Cl. 346-76.0PH.

Moriguchi, Haruhiko; Inui, Toshiharu; and Ohmori, Takashi, 4,560,988, Cl. 346-1.100.

Murayama, Tomio; Kikuchi, Yoshiki; and Ohmori, Takashi, 4,517,560, Cl. 340-790.000.

Ohmori, Yoshitaka; and Nebu, Hideaki, to Honda Giken Kogyo Kabushiki Kaisha. Fuel tank for motor vehicles. 4,492,250, 1-8-85, Cl. 137-590.000.

Ohmory, Akio: *See—*

Okano, Yoshihiro; Okamoto, Takehiko; and Ohmory, Akio, 4,547,289, Cl. 210-652.000.

Ohmstede Machine Works, Inc.: *See—*

Ohmstede, Robert L., 4,547,963, Cl. 29-726.000.

Ohmstede, Robert L., to Ohmstede Machine Works, Inc. Apparatus and method for inserting tubes into a heat exchanger frame. 4,547,963, 10-22-85, Cl. 29-726.000.

Ohmura, Hideo: *See—*

Miyano, Toshiyuki; and Ohmura, Hideo, 4,492,072, Cl. 53-586.000.

Miyano, Toshiyuki; and Ohmura, Hideo, 4,499,709, Cl. 53-589.000.

Miyano, Toshiyuki; and Ohmura, Hideo, 4,539,789, Cl. 53-131.000.

Ohmura, Hiroshi; Kohno, Atsuo; Shiiba, Minoru; and Tanaka, Tsutomu, to Fuji Photo Film Co., Ltd. Photographic camera with handle grip. 4,493,542, 1-15-85, Cl. 354-82.000.

Ohmura, Hiroshi, to Fuji Photo Film Co., Ltd. Camera. 4,516,843, 5-14-85, Cl. 354-173.100.

Ohmura, Hiroshi. Dual lens camera. 4,527,874, 7-9-85, Cl. 354-195.120.

Ohmura, Jukichi: *See—*

Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,510,328, Cl. 568-32.000.

Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,511,518, Cl. 260-543.00F.

Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,536,352, Cl. 260-543.00F.

Kimoto, Kyoji; Miyauchi, Hirotsugu; Ohmura, Jukichi; Ebisawa, Mikio; and Hane, Toshioki, 4,555,369, Cl. 260-544.00F.

Ohmura, Kunioki; Torigoe, Masaaki; Itoh, Isamu; and Hayashi, Katsumi, to Fuji Photo Film Co., Ltd. Process for stabilizing silver images. 4,500,632, 2-19-85, Cl. 430-428.000.

Ohmura, Ryuichi, to Fuji Kogyo Co., Ltd. Line guide. 4,507,891, 4-2-85, Cl. 43-24.000.

Ohmura, Ryuichi, to Fuji Kogyo Co., Ltd. Traversing mechanism. 4,535,642, 8-20-85, Cl. 74-58.000.

Ohmura, Takao: *See—*

Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.

Ohmura, Yamichi; and Matsushita, Yoshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for forming monocrystalline semiconductor film on insulating film. 4,500,388, 2-19-85, Cl. 156-603.000.

Ohmura, Yasuhiro; Maruyama, Seiichiro; and Shigemoto, Shigeru, to Mitsubishi Chemical Industries Limited. Polyester resin composition. 4,525,529, 6-25-85, Cl. 525-64.000.

Ohmura, Yoshio: *See—*

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, 4,555,505, Cl. 514-42.000.

Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, 4,559,327, Cl. 514-42.000.

Ohmura, Yutaka: *See—*

Morita, Yoshinori; and Ohmura, Yutaka, 4,497,516, Cl. 296-206.000.

Ohmuro, Masaru: *See—*

Aoyama, Youichi; Takeuchi, Akira; Ohmuro, Masaru; and Ichimura, Yasuo, 4,523,164, Cl. 335-38.000.

Nakano, Kunimitsu; Chuzawa, Takaaki; and Ohmuro, Masaru, 4,514,709, Cl. 335-201.000.

Ohmuro, Yuzo: *See—*

Kambara, Jun; Ohmuro, Yuzo; and Kamogawa, Nin-ichi, 4,540,646, Cl. 430-122.000.

Ohnaka, Hidemi: *See—*

Niimi, Yukihide; Yoshida, Seietsu; and Ohnaka, Hidemi, 4,501,242, Cl. 123-440.000.

Ohngemach, Jorg: *See—*

Herz, Claus P.; Ohngemach, Jorg; and Stahlecker, Otto, 4,547,394, Cl. 427-54.100.

Ohnishi, Eiichi: *See—*

Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.

Ohnishi, Haruo; and Mitsuhashi, Masakazu, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo; and Mochida Seiyaku Kabushiki Kaisha. Process for producing target cell lysis factor and uses therewith. 4,495,282, 1-22-85, Cl. 435-68.000.

Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, to Mochida Pharmaceutical Co., Ltd. Composition for treating infectious diseases, gout or arteriosclerosis containing human pepsin and/or human leukocyte pepsin-like enzyme and method for using same. 4,534,966, 8-13-85, Cl. 424-94.000.

Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, to Mochida Seiyaku Kabushiki Kaisha. Method for treatment of allergic disorders and immune complex diseases. 4,540,569, 9-10-85, Cl. 424-94.000.

Ohnishi, Haruo: *See—*

Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.

Ohnishi, Hiroshi: *See—*

Hasegawa, Makoto; Ohnishi, Hiroshi; and Yamashita, Sadahiko, 4,553,264, Cl. 455-189.000.

Ohnishi, Katsumi, to Fujitsu Limited. History memory control system. 4,559,596, 12-17-85, Cl. 364-200.000.

Ohnishi, Kouhei; Ashikaga, Tadashi; and Terashima, Masayuki, to Kabushiki Kaisha Meidensha. Vector control method and system for an induction motor. 4,509,003, 4-2-85, Cl. 318-800.000.

Ohnishi, Masaru; and Saito, Masayuki, to Mitsubishi Denki Kabushiki Kaisha. Thermal transfer printing method. 4,492,965, 1-8-85, Cl. 346-1.100.

Ohnishi, Shinji: *See—*

Otsuka, Kanji; Mitsusada, Kazumichi; Sekibata, Masao; and Ohnishi, Shinji, 4,541,003, Cl. 357-74.000.

Ohnishi, Shunsaku: *See—*

Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,493,620, Cl. 417-366.000.

Takei, Toshihiro; Hattori, Yoshiyuki; and Ohnishi, Shunsaku, 4,538,958, Cl. 415-53.00T.

Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,492,515, Cl. 415-53.00T.

Watanabe, Kiyohiko; Hattori, Yoshiyuki; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,556,363, Cl. 415-53.00T.

Ohnishi, Souichi; and Shiono, Fusahiro, to Sharp Kabushiki Kaisha. System for data transmission between electronic cash registers. 4,502,120, 2-26-85, Cl. 364-405.000.

Ohnishi, Souichi: *See—*

Mochizuki, Daisuke; Ohnishi, Souichi; and Komai, Kensaku, 4,512,027, Cl. 377-16.000.

Ohnishi, Tooru: *See—*

Shimohiro, Yoshiyuki; Ogawa, Masazo; and Ohnishi, Tooru, 4,548,648, Cl. 106-208.000.

Ohnishi, Toshihiro: *See—*

Murase, Ichiki; Ohnishi, Toshihiro; and Noguchi, Takanobu, 4,528,118, Cl. 252-500.000.

Ohnishi, Yutaka, to Tachikawa Spring Co., Ltd. Fillet-welding equipment for pipe materials. 4,550,872, 11-5-85, Cl. 228-48.000.

Ohno, Akio; and Takeda, Kenji, to Canon Kabushiki Kaisha. Recording apparatus. 4,549,803, 10-29-85, Cl. 355-14.0FU.

Ohno, Akira; and Inoue, Kanji, to NHK Spring Co., Ltd. Method of manufacturing a car stabilizer. 4,526,628, 7-2-85, Cl. 148-12.00B.

Ohno, Akira; Koyama, Hiroshi; Inoue, Kanji; and Ozawa, Hiroaki, to NHK Spring Co., Ltd. Method of manufacturing a hollow stabilizer. 4,533,402, 8-6-85, Cl. 148-12.400.

Ohno, Akira; Itakura, Yasushi; Tabe, Takayuki; and Hiromoto, Shuji, to NHK Spring Co., Ltd. Leaf spring. 4,546,958, 10-15-85, Cl. 267-47.000.

Ohno, Atsumi, to Nippon Light Metal Company Ltd.; and O.C.C. Company Limited. Continuous metal casting. 4,515,204, 5-7-85, Cl. 164-483.000.

Ohno, Hideaki: *See—*

Ito, Tokuhisa; Ohno, Hideaki; Kurata, Izumi; and Okuyama, Takashi, 4,512,642, Cl. 354-4.000.

Ohno, Hiroko, to Casio Computer Co., Ltd. Automatic accompaniment apparatus. 4,561,338, 12-31-85, Cl. 84-1.030.

Ohno, Hiroshi: *See—*

Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.

Ohno, Isao: *See—*

Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.

Hirano, Masachika; Ohno, Isao; Ohno, Nobuo; and Mine, Akihiko, 4,503,071, Cl. 514-521.000.

Ohno, Jiro: *See—*

Mizunuma, Takehisa; Abe, Seizaburo; Ohno, Jiro; and Kobayashi, Hisashi, 4,491,487, Cl. 148-6.210.

Shimazaki, Fumio; Asai, Koji; and Ohno, Jiro, 4,555,113, Cl. 273-80.00B.

Ohno, John M., to General Electric Company. Silicon carbide cutting insert with pre-pressed core center piece and sintered diamond envelope. 4,497,639, 2-5-85, Cl. 51-307.000.

Ohno, John M., to General Electric Company. Indexable composite cutting insert having corner cutting edges. 4,504,284, 3-12-85, Cl. 51-309.000.

Ohno, John M., to General Electric Company. Automatic composite press technique for producing cutting inserts. 4,544,517, 10-1-85, Cl. 264-113.000.

Ohno, John M., to General Electric Company. Bi-level cutting insert. 4,561,810, 12-31-85, Cl. 407-118.000.

Ohno, Junichi; and Ohta, Takao, to Tokyo Shibaura Denki Kabushiki Kaisha. Implanting yttrium and oxygen ions at semiconductor/insulator interface. 4,494,996, 1-22-85, Cl. 148-1.500.

Ohno, Junichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for making complementary MGS semiconductor devices. 4,507,846, 4-2-85, Cl. 29-571.000.
Ohno, Junichi; and Konishi, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device capable of structural selection. 4,513,310, 4-23-85, Cl. 357-68.000.
Ohno, Junichi: *See—*
  Ohta, Takao; and Ohno, Junichi, 4,523,963, Cl. 148-1.500.
Ohno, Katsutoshi: *See—*
  Hashimoto, Shunichi; and Ohno, Katsutoshi, 4,495,085, Cl. 252-301.40F.
Ohno, Kenichi; Hosomizu, Tohru; and Ogawa, Rokutaro, to Fujitsu Limited. Multilevel masterslice LSI with second metal level programming. 4,500,906, 2-19-85, Cl. 357-71.000.
Ohno, Koji; Ohi, Nobukazu; and Hayashi, Syohei, to G-C Dental Industrial Corp. Method for strengthening porcelain tooth. 4,546,006, 10-8-85, Cl. 427-2.000.
Ohno, Koji: *See—*
  Ohi, Nobukazu; Ohno, Koji; and Tosaki, Satoshi, 4,526,619, Cl. 106-35.000.
  Ohi, Nobukazu; Ohno, Koji; and Kamohara, Hiroshi, 4,550,030, Cl. 427-2.000.
Ohno, Kouzin, to Takara Co., Ltd. Reconfigurable toy. 4,530,670, 7-23-85, Cl. 446-94.000.
Ohno, Makoto: *See—*
  Kobayashi, Hisao; Ohno, Makoto; and Suzuki, Shinichi, 4,507,059, Cl. 417-270.000.
  Nakayama, Shozo; Mukai, Takamitsu; Ohno, Makoto; and Inagaki, Mitsukane, 4,519,119, Cl. 29-156.50R.
Ohno, Nobuo, to Mitsubishi Denki Kabushiki Kaisha. Process signal collecting apparatus. 4,506,153, 3-19-85, Cl. 250-227.000.
Ohno, Nobuo: *See—*
  Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.
  Hirano, Masachika; Ohno, Isao; Ohno, Nobuo; and Mine, Akihiko, 4,503,071, Cl. 514-521.000.
Ohno, Sachio; Mizukoshi, Kiyoshi; Komatsu, Osamu; Nagasaka, Mitsuaki; and Nakamura, Yoshiki, to Maruko Seiyaku Co., Ltd. Certain pyridyloxy-or-thio-phenyl propenoic acid derivatives. 4,496,735, 1-29-85, Cl. 546-301.000.
Ohno, Shigeru; and Kishimoto, Shinzo, to Fuji Photo Film Co., Ltd. Method of color photographic processing. 4,508,817, 4-2-85, Cl. 430-393.000.
Ohno, Shigeru; Kishimoto, Shinzo; and Yagihara, Morio, to Fuji Photo Film Co., Ltd. Method for processing color photographic light-sensitive material. 4,554,242, 11-19-85, Cl. 430-393.000.
Ohno, Shigeru: *See—*
  Endo, Ichiro; Ogura, Shigetaro; and Ohno, Shigeru, 4,531,138, Cl. 346-140.00R.
  Kishimoto, Shinzo; Ohno, Shigeru; and Tsujikawa, Teruaki, 4,524,129, Cl. 430-393.000.
  Kishimoto, Shinzo; Ohno, Shigeru; and Abe, Akira, 4,546,070, Cl. 430-393.000.
  Motoyama, Shimesu; Kurita, Kaora; Sakashita, Shizuka; Takei, Narimichi; and Ohno, Shigeru, 4,556,175, Cl. 241-57.000.
Ohno, Syotaro: *See—*
  Koyama, Kenji; Ohno, Syotaro; and Fukuda, Mitsutoshi, 4,522,725, Cl. 210-639.000.
Ohno, Tadayoshi: *See—*
  Yana, Masasumi; and Ohno, Tadayoshi, 4,532,524, Cl. 346-76.0PH.
Ohno, Takaaki: *See—*
  Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.
Ohno, Takao: *See—*
  Motooka, Masanori; Mantoku, Hitoshi; and Ohno, Takao, 4,545,950, Cl. 264-210.600.
Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, to Tohoku Mikuni Kogyo Kabushiki Kaisha. Fuel injection valve. 4,552,312, 11-12-85, Cl. 239-585.000.
Ohno, Yasuo: *See—*
  Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, 4,530,001, Cl. 357-49.000.
Ohno, Yoshie: *See—*
  Yamaji, Eiichi; and Ohno, Yoshie, 4,495,562, Cl. 364-200.000.
Ohno, Yoshimi; Tsurukawa, Ikuya; and Ishino, Tokio, to Ricoh Company, Ltd. Single lens reflex camera. 4,498,754, 2-12-85, Cl. 354-479.000.
Ohno, Yoshimi; and Tsurukawa, Ikuya, to Ricoh Company, Ltd. Autofocusing method. 4,561,747, 12-31-85, Cl. 354-402.000.
Ohno, Yoshio; Koyama, Katsuhiko; and Nishio, Kohsaku, to Photron Ltd.; and Tokyo Shibaura Denki Kabushiki Kaisha. Stereoscopic projecting apparatus. 4,544,247, 10-1-85, Cl. 352-62.000.
Ohnuki, Mitsuo, to Konishiroku Photo Industry Co., Ltd. Lens barrel. 4,515,438, 5-7-85, Cl. 350-255.000.
Ohnuki, Mitsuo, to Konishiroku Photo Industry Co., Ltd. Lens tube for a high vari-focal ratio zoom lens. 4,534,625, 8-13-85, Cl. 350-429.000.
Ohnuki, Tetsuo: *See—*
  Takamatsu, Takashi; and Ohnuki, Tetsuo, 4,514,152, Cl. 418-61.00B.
Ohnuma, Toshio: *See—*
  Suzuki, Fumio; Ohnuma, Toshio; Koga, Kazuyuki; and Watanabe, Tatsuya, 4,557,046, Cl. 29-749.000.
Oho, Shigeru; Hamano, Fumio; and Hirayama, Takeshi, to Hitachi, Ltd. Information transmitting apparatus. 4,554,461, 11-19-85, Cl. 307-40.000.
Ohoka, Yuzo, to Honda Giken Kogyo Kabushiki Kaisha. Device for supporting and sealing a final drive shaft bearing in a speed change gear. 4,527,443, 7-9-85, Cl. 74-417.000.
O'Holla, Robert H., to Ethicon, Inc. Two-piece tissue fastener with ratchet leg staple and sealable latching receiver. 4,532,926, 8-6-85, Cl. 128-334.00C.
Ohorodnik, Alexander: *See—*
  Auer, Eberhard; Gehrmann, Klaus; Ohorodnik, Alexander; and Rosenthal, Johannes, 4,549,995, Cl. 260-973.000.
  Gehrmann, Klaus; Ohorodnik, Alexander; Rosenthal, Johannes; and Schafer, Stefan, 4,518,538, Cl. 260-543.00P.
  Gehrmann, Klaus; Ohorodnik, Alexander; and Rosenthal, Johannes, 4,560,518, Cl. 260-970.000.
Ohsaki, Ichiro; Hasegawa, Tetsuo; and Suematsu, Koushi, to Canon Kabushiki Kaisha. Developer for electrophotography of toner and microencapsulated additive. 4,533,616, 8-6-85, Cl. 430-110.000.
Ohsaki, Ichiro: *See—*
  Mitsuhashi, Yasuo; and Ohsaki, Ichiro, 4,522,907, Cl. 430-102.000.
  Ushiyama, Hisayuki; Ohsaki, Ichiro; Takenouchi, Masanori; and Nakahara, Toshiaki, 4,497,885, Cl. 430-106.600.
Ohsaki, Kozo; Kikuchi, Katsutoshi; and Hirota, Yoshitsugu, to Toyo Engineering Corporation. Process for producing a gas containing methane. 4,525,482, 6-25-85, Cl. 518-707.000.
Ohsaki, Tsuyoshi: *See—*
  Morimoto, Toru; Ohsaki, Tsuyoshi; Ohkawa, Toshio; and Fujita, Masahito, 4,552,719, Cl. 419-2.000.
Ohsawa, Eiji; and Kajita, Shunsuke, to Nissan Motor Company, Limited. Method and apparatus for air conditioner control. 4,523,715, 6-18-85, Cl. 236-49.000.
Ohsawa, Eiji: *See—*
  Kobayashi, Shinma; and Ohsawa, Eiji, 4,498,309, Cl. 62-186.000.
Ohsawa, Kenji; Ito, Takao; Ohsawa, Masayuki; and Kurata, Keiji, to Sony Corporation. Method of making multilayer circuit board. 4,528,064, 7-9-85, Cl. 156-630.000.
Ohsawa, Masayuki: *See—*
  Ohsawa, Kenji; Ito, Takao; Ohsawa, Masayuki; and Kurata, Keiji, 4,528,064, Cl. 156-630.000.
Ohsawa, Seiichi: *See—*
  Koizumi, Michio; Iwata, Yasuo; and Ohsawa, Seiichi, 4,527,921, Cl. 400-618.000.
Ohsawa, Zenichi: *See—*
  Sogo, Hiroyuki; Ohsawa, Zenichi; Umino, Isamu; and Nishida, Haruki, 4,509,208, Cl. 455-317.000.
  Yano, Yasuhiro; Umino, Isamu; Ohsawa, Zenichi; and Ozaki, Takayuki, 4,538,121, Cl. 331-25.000.
Ohseki, Noboru: *See—*
  Yorikane, Masaharu; and Ohseki, Noboru, 4,556,897, Cl. 357-71.000.
Ohseto, Seiichi, to Ricoh Company, Ltd. Electrophotographic reproduction process. 4,529,292, 7-16-85, Cl. 355-3.0CH.
Ohshima, Eiji, to Sony Corporation. Magnetic tape recording device. 4,520,411, 5-28-85, Cl. 360-85.000.
Ohshima, Jiro; Abe, Masahiro; and Koshino, Yutaka, to Toshiba Shibaura Denki Kabushiki Kaisha. Wiring material for semiconductor device and method for forming wiring pattern therewith. 4,502,207, 3-5-85, Cl. 29-576.00B.
Ohshima, Jiro: *See—*
  Ajima, Takashi; Ohshima, Jiro; and Koshino, Yutaka, 4,515,642, Cl. 148-1.500.
  Ito, Toshiyo; and Ohshima, Jiro, 4,543,707, Cl. 29-578.000.
Ohshima, Kazuhiro: *See—*
  Ohgaki, Kichio; and Ohshima, Kazuhiro, 4,551,071, Cl. 417-313.000.
Ohshima, Ken; and Sakamoto, Masaharu, to Olympus Optical Co., Ltd. System for checking defects on a flat surface of an object. 4,508,450, 4-2-85, Cl. 356-237.000.
Ohshima, Ken: *See—*
  Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, 4,495,407, Cl. 250-201.000.
  Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, 4,499,514, Cl. 360-97.000.
  Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, 4,505,585, Cl. 356-237.000.
Ohshima, Masashi: *See—*
  Mutoh, Yoshihiko; Matsuda, Kazuo; Ohshima, Masashi; and Ohuchi, Hiroo, 4,545,940, Cl. 260-428.000.
Ohshima, Michio: *See—*
  Kamisaka, Makoto; Okamoto, Toshiro; Ohshima, Michio; and Tamai, Mamoru, 4,527,002, Cl. 585-648.000.
  Okamoto, Toshiro; and Ohshima, Michio, 4,527,003, Cl. 585-648.000.
Ohshima, Mistuyoshi: *See—*
  Takamizawa, Minoru; Yamamoto, Akira; Ishihara, Toshinobu; and Ohshima, Mistuyoshi, 4,539,417, Cl. 556-435.000.
Ohshima, Nobumasa: *See—*
  Tamai, Takashi; Tomiyama, Shigefumi; and Ohshima, Nobumasa, 4,520,661, Cl. 73-129.000.

Ohshima, Satoshi: *See—*
Oine, Toyonari; Yamada, Yoshihisa; Wagatsuma, Mitsuyoshi; Yamaguchi, Totaro; and Ohshima, Satoshi, 4,547,494, Cl. 514-204.000.

Ohshima, Shohzo; Kusuda, Mikio; and Isoya, Toshiro, to Asahi Kasei Kogyo Kabushiki Kaisha. Coating type insoluble lead dioxide anode. 4,510,034, 4-9-85, Cl. 204-290.00F.

Ohshima, Takeshi: *See—*
Haga, Takahiro; Koyanagi, Tohru; Nakajima, Toshio; and Ohshima, Takeshi, 4,504,665, Cl. 546-318.000.

Ohshima, Tokio: *See—*
Nakai, Mamoru; Ohshima, Tokio; Kimura, Tomio; Omata, Tetsuo; and Iwamoto, Noritada, 4,497,957, Cl. 548-496.000.

Ohshima, Toshihisa; and Soda, Kenji, to Unitika Ltd. Leucine dehydrogenase and a process for production thereof. 4,546,077, 10-8-85, Cl. 435-26.000.

Ohshima, Toshio: *See—*
Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, 4,542,406, Cl. 358-141.000.

Ohshima, Yoshikuni: *See—*
Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.

Ohshima, Yoshimitsu: *See—*
Kurosu, Masaaki; Nakayama, Takeshi; Nakajima, Akira; and Ohshima, Yoshimitsu, 4,543,631, Cl. 364-200.000.
Nakayama, Takeshi; Kurosu, Masaaki; Ohshima, Yoshimitsu; Fujikata, Kenji; Uchida, Shigeru; and Nakajima, Akira, 4,531,119, Cl. 340-712.000.

Ohshiro, Hideyuki, to Shiroki Kinzoku Kogyo Kabushiki Kaisha. Reclining angle adjustment device. 4,504,091, 3-12-85, Cl. 297-362.000.

Ohshiro, Hideyuki: *See—*
Katsumoto, Naoaki; Ohshiro, Hideyuki; and Sakai, Masanori, 4,538,856, Cl. 297-367.000.

Ohshiro, Toshio: *See—*
Kubo, Kiyoshi; and Ohshiro, Toshio, 4,561,440, Cl. 128-395.000.

Ohsima, Ken: *See—*
Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, 4,499,572, Cl. 369-111.000.
Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, 4,520,280, Cl. 307-358.000.

Ohsugi, Katsuhisa; Ichida, Junji; and Takahashi, Eisaku, to Kureha Kagaku Kogyo Kabushiki Kaisha. Antibiotic compound. 4,542,154, 9-17-85, Cl. 514-475.000.

Ohsumi, Katsumi: *See—*
Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, 4,533,514, Cl. 376-308.000.

Ohsumi, Tadashi; Inoue, Satoru; and Maeda, Kiyoto, to Sumitomo Chemical Company, Limited. Fungicidal indanylbenzamide. 4,511,581, 4-16-85, Cl. 514-617.000.

Ohsumi, Tadashi; Hatakoshi, Makoto; and Kisida, Hirosi, to Sumitomo Chemical Company, Limited. Oxime ethers and their use. 4,514,406, 4-30-85, Cl. 514-352.000.

Ohta, Atsuo: *See—*
Ebihara, Shigeto; Ohta, Atsuo; and Kuwabara, Kunikazu, 4,536,750, Cl. 340-539.000.

Ohta, George: *See—*
Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, 4,532,055, Cl. 252-28.000.

Ohta, Hideo; Hakuzen, Tatuzo; Ito, Yasunori; and Takagi, Fusao, to Satosen Co., Ltd. Process for producing printed circuit boards. 4,512,829, 4-23-85, Cl. 156-659.100.

Ohta, Hideo: *See—*
Yamashita, Kiyotoshi; Ishikawa, Minoru; Ohta, Hideo; and Kumashiro, Kenji, 4,554,247, Cl. 430-622.000.

Ohta, Hiroshi, to Rikagaku Kenkyusho. Josephson junction element and method of making the same. 4,494,131, 1-15-85, Cl. 357-5.000.

Ohta, Hiroshi, to Rikagaku Kenkyusho. Josephson junction element and method of making the same. 4,539,741, 9-10-85, Cl. 29-569.00R.

Ohta, Hiroshi: *See—*
Koga, Tsuguaki; Kuwashima, Hidesumi; Inoue, Hidenori; Hamaoka, Hidetoshi; and Ohta, Hiroshi, 4,523,286, Cl. 364-494.000.

Ohta, Hiroyasu: *See—*
Komeya, Katsutoshi; Tsuge, Akihiko; Inoue, Hiroshi; and Ohta, Hiroyasu, 4,539,298, Cl. 501-89.000.

Ohta, Hiroyuki; and Masumoto, Yutaka, to Pioneer Electronic Corporation. Magnetic head system for tape player. 4,510,543, 4-9-85, Cl. 360-106.000.

Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, to Nippon Telegraph & Telephone Public Corporation; and Hitachi, Ltd. Optical image sensor apparatus with grouped photosensors connected in common. 4,556,800, 12-3-85, Cl. 250-578.000.

Ohta, Jun: *See—*
Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.

Ohta, Jyun: *See—*
Yoshida, Hatsuyoshi; Fukutome, Michio; Ohuchi, Makoto; and Ohta, Jyun, 4,524,254, Cl. 200-83.00R.

Ohta, Kazuhiko: *See—*
Nara, Kiyoshi; Katamoto, Kazuyoshi; and Ohta, Kazuhiko, 4,535,155, Cl. 544-20.000.

Ohta, Kazuhiro: *See—*
Miura, Tatsuo; Ohta, Kazuhiro; Hasegawa, Yoshiharu; and Yoneyama, Takao, 4,531,980, Cl. 148-11.50C.

Ohta, Kazutoshi, to Mitsubishi Denki Kabushiki Kaisha. Buffer device for elevator. 4,515,248, 5-7-85, Cl. 187-67.000.

Ohta, Kenji; Hirokane, Junji; Katayama, Hiroyuki; Takahashi, Akira; and Yamaoka, Hideyoshi, to Shap Kabushiki Kaisha. Method for manufacturing an optical memory element. 4,544,443, 10-1-85, Cl. 156-643.000.

Ohta, Kenji: *See—*
Deguchi, Toshihisa; Ohta, Kenji; and Takahashi, Akira, 4,497,006, Cl. 360-114.000.

Ohta, Kosei: *See—*
Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu, 4,556,429, Cl. 127-30.000.

Ohta, Masafumi, to Ricoh Company, Ltd. Trisazo compounds prepared from 4,4′,4″-triaminotriphenylamine and 2-hydroxy-3-phenylcarbamoylbenzo[a]carbazole derivatives. 4,507,471, 3-26-85, Cl. 534-755.000.

Ohta, Masafumi, to Ricoh Company, Ltd. Electrophotographic photoconductor comprising a dithiol derivative. 4,529,678, 7-16-85, Cl. 430-58.000.

Ohta, Masakatu, to Canon Kabushiki Kaisha. Illuminating apparatus. 4,497,013, 1-29-85, Cl. 362-32.000.

Ohta, Michio; Kamei, Sakito; and Aoki, Kazumi, to Hitachi Shipbuilding & Engineering Co., Ltd. First-order balancer of internal combustion engine. 4,538,481, 9-3-85, Cl. 74-603.000.

Ohta, Mitsuru: *See—*
Kidoh, Kunizoh; and Ohta, Mitsuru, 4,546,149, Cl. 525-199.000.

Ohta, Noboru: *See—*
Murakami, Yoshihiko; and Ohta, Noboru, 4,492,552, Cl. 425-218.000.

Ohta, Nobuo, to Carl Freudenberg, Firma. Method for manufacturing an adhesive interlining and fabric produced thereby. 4,511,615, 4-16-85, Cl. 428-198.000.

Ohta, Norihisa: *See—*
Takano, Isamu; and Ohta, Norihisa, 4,496,908, Cl. 330-277.000.

Ohta, Norio; Ando, Keikichi; Hosoe, Yuzuru; Sugita, Yutaka; and Ishida, Fumihiko, to Hitachi, Ltd. Garnet film for ion-implanted magnetic bubble device. 4,532,180, 7-30-85, Cl. 428-336.000.

Ohta, Norio: *See—*
Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Ohta, Norio; and Sugita, Yutaka, 4,556,583, Cl. 427-38.000.
Tsujiuchi, Toshio; Yoneda, Takao; and Ohta, Norio, 4,490,946, Cl. 51-165.880.

Ohta, Schunich: *See—*
Kitayama, Masayasu; Sugimori, Yoshiaki; and Ohta, Schunich, 4,535,072, Cl. 502-411.000.

Ohta, Takanori: *See—*
Hayashi, Takehiko; Ikuta, Hiroyuki; and Ohta, Takanori, 4,554,811, Cl. 72-110.000.

Ohta, Takao; and Ohno, Junichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of fabricating MOS device on a SOS wafer by stabilizing interface region with silicon and oxygen implant. 4,523,963, 6-18-85, Cl. 148-1.500.

Ohta, Takao: *See—*
Ohno, Junichi; and Ohta, Takao, 4,494,996, Cl. 148-1.500.

Ohta, Takeo; Nakamura, Tatsushi; and Akahira, Nobuo, to Matsushita Electric Industrial Co., Ltd. Optical recording and retrieving disc. 4,547,875, 10-15-85, Cl. 369-275.000.

Ohta, Takeo: *See—*
Kokai, Katsuaki; and Ohta, Takeo, 4,500,366, Cl. 148-111.000.

Ohta, Tatsuo, to Konishiroku Photo Industry Co., Ltd. Evaporator. 4,526,132, 7-2-85, Cl. 118-719.000.

Ohta, Tokuya: *See—*
Kobayashi, Masatsune; Haruta, Masahiro; Eida, Tsuyoshi; and Ohta, Tokuya, 4,517,244, Cl. 428-342.000.

Ohta, Tomohisa; Dobashi, Akihiko; Kanbara, Hisashige; and Seki, Yasuyuki, to Hitachi Chemical Company, Ltd. Process for producing radiation curable adhesive tape. 4,554,174, 11-19-85, Cl. 427-44.000.

Ohta, Tomohisa: *See—*
Dobashi, Akihiko; Ohta, Tomohisa; Himori, Hirotsugu; and Sekine, Hideo, 4,544,573, Cl. 427-44.000.

Ohta, Tomozo, to Oki Electric Industry Co., Ltd. High sensitivity FM signal demodulation system. 4,527,187, 7-2-85, Cl. 358-23.000.

Ohta, Tomozo; Tsutsumi, Yoshio; and Sugano, Motoshi, to Oki Electric Industry Co., Ltd. High sensitivity FM signal demodulation system. 4,531,148, 7-23-85, Cl. 358-21.00R.

Ohta, Tsuyoshi; and Uritani, Koji, to Riken Keiki Kabushiki Kaisha; and Nitto Kabushiki Kaisha. Method of and apparatus for measuring an unbalance value of a wheel mounted on a body of an automobile. 4,555,943, 12-3-85, Cl. 73-457.000.

Ohta, Wataru: *See—*
Suzuki, Shoichi; Ohta, Wataru; Sakurai, Noriaki; and Yamashita, Michio, 4,521,133, Cl. 405-195.000.

Ohta, Yoshihiko, to Victor Company of Japan, Ltd. Method and apparatus for recording/reproducing a control signal on and from video signal recordings by an erase head. 4,527,202, 7-2-85, Cl. 360-18.000.

Ohta, Yoshihiko, to Victor Company of Japan, Ltd. Video signal magnetic recording and reproducing system. 4,542,417, 9-17-85, Cl. 360-9.100.

Ohta, Yoshikatsu: *See—*
Kanai, Tamaki; Yoshikawa, Hirofumi; Yamagishi, Takashi; Suzuki, Kenji; and Ohta, Yoshikatsu, 4,492,719, Cl. 427-171.000.

Ohta, Yoshinori: *See*—

Hibiya, Taketoshi; Ohta, Yoshinori; and Matsumi, Koichi, 4,522,473, Cl. 350-377.000.

Ohta, Yoshio, to Matsushita Electric Industrial Co., Ltd. Solid state imaging apparatus. 4,500,924, 2-19-85, Cl. 358-213.000.

Ohta, Yuichi: *See*—

Sakai, Toshiyuki; Ohta, Yuichi; Minoh, Michihiko; and Hino, Masatoshi, 4,525,747, Cl. 358-284.000.

Ohta, Yutaka: *See*—

Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, 4,530,001, Cl. 357-49.000.

Ohtagawa, Kozi: *See*—

Inaga, Hisashi; and Ohtagawa, Kozi, 4,507,865, Cl. 30-276.000.

Ohtaka, Keiji, to Canon Kabushiki Kaisha. Focus detection apparatus. 4,549,802, 10-29-85, Cl. 354-403.000.

Ohtaka, Keiji: *See*—

Suda, Yasuo; Akashi, Akira; Ishizaki, Akira; Hiramatsu, Akira; and Ohtaka, Keiji, 4,555,169, Cl. 354-407.000.

Suzuki, Takashi; Matsumura, Susumu; and Ohtaka, Keiji, 4,534,637, Cl. 354-403.000.

Ohtaka, Shigeo: *See*—

Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.

Ohtake, Etsuo; and Yamazaki, Kazuhiro, to Daicel Chemical Industries, Ltd. Porous spherical cellulose acetate particles. 4,551,389, 11-5-85, Cl. 428-402.000.

Ohtake, Matsuo, to Fuji Seiki Machine Works Ltd. Process and apparatus for finishing electronic device. 4,555,876, 12-3-85, Cl. 51-418.000.

Ohtake, Matsuo: *See*—

Harada, Shooichi; and Ohtake, Matsuo, 4,561,219, Cl. 51-319.000.

Ohtake Works Company, Ltd.: *See*—

Nakamura, Masahiro, 4,525,790, Cl. 364-484.000.

Ohtake, Yasuhisa; Tanaka, Hiroshi; and Oka, Koichiro, to Kabushiki Kaisha Toshiba. Method of manufacturing a shadow mask for a color cathode ray tube. 4,536,226, 8-20-85, Cl. 148-12.00C.

Ohtake, Yasuhisa: *See*—

Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, 4,528,246, Cl. 428-596.000.

Ohtani, Fumiyuki: *See*—

Moriyama, Naomune; and Ohtani, Fumiyuki, 4,516,191, Cl. 362-65.000.

Ohtani, Hideaki: *See*—

Kigasawa, Kazuo; Ohtani, Hideaki; and Kanezuka, Toshiyuki, 4,500,511, Cl. 424-81.000.

Ohtani, Hideji: *See*—

Nakano, Teruo; Ohtani, Hideji; Miyawaki, Kunio; and Mogi, Shigeo, 4,538,047, Cl. 219-125.100.

Ohtani, Hiroko; and Toyokawa, Kazuharu, to International Business Machines Corporation. Red-emitting superlinear phosphor. 4,539,506, 9-3-85, Cl. 313-467.000.

Ohtani, Masaaki; Harada, Takao; Oyaizu, Yoshijiro; and Kobayashi, Tatsuhiko, to Mitsubishi Chemical Industries Limited; and Ihara Chemical Industry Co., Ltd. Process for adhering polyurethane elastomer to metal. 4,542,070, 9-17-85, Cl. 428-416.000.

Ohtani, Masaaki: *See*—

Ashida, Kaneyoshi; Ohtani, Masaaki; and Ohkubo, Shoichi, 4,514,525, Cl. 521-112.000.

Ohtani, Mitsuaki: *See*—

Narisada, Masayuki; Onoue, Hiroshi; Ohtani, Mitsuaki; and Watanabe, Fumihiko, 4,504,658, Cl. 544-90.000.

Ohtani, Noboru: *See*—

Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, 4,522,966, Cl. 524-114.000.

Ohtani, Shigeru: *See*—

Nishina, Shingo; Takahashi, Seigo; and Ohtani, Shigeru, 4,492,034, Cl. 33-170.000.

Ohtani, Shinzi: *See*—

Kutsuna, Tomoharu; Ohtani, Shinzi; and Kondo, Kunimasa, 4,520,045, Cl. 427-294.000.

Ohtani, Tsuyoshi: *See*—

Takeuchi, Takashi; Kobayashi, Shoji; Ohtani, Tsuyoshi; and Imamura, Tetusya, 4,529,649, Cl. 428-328.000.

Ohtombe, Ko, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for detecting a security thread embedded in a paper-like material. 4,524,276, 6-18-85, Cl. 250-338.000.

Ohtombe, Ko; Ishida, Tsuyoshi; Osawa, Hideo; and Nagahashi, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Printed matter identifying apparatus. 4,547,896, 10-15-85, Cl. 382-7.000.

Ohtomo, Akinori: *See*—

Sudo, Masatoshi; Hori, Hiromi; Iwai, Takafusa; Ohtomo, Akinori; and Takai, Denei, 4,501,626, Cl. 148-36.000.

Ohtomo, Fumio, to Tokyo Kogaku Kikai Kabushiki Kaisha. Optical range finder. 4,531,833, 7-30-85, Cl. 356-5.000.

Ohtomo, Fumio: *See*—

Sasaki, Tsuneo; Ohtomo, Fumio; Yokokura, Takashi; and Kondo, Fumitomo, 4,547,667, Cl. 250-231.0SE.

Ohtsu, Masamitsu: *See*—

Taniguchi, Hiroshi; Ohtsu, Masamitsu; and Kubo, Kanji, 4,544,966, Cl. 360-75.000.

Ohtsu, Yoichi; Kanno, Kohei; and Nagano, Hiroshi, to Mitsubishi Plastics Industries Limited. Process for production of a plastic bottle. 4,550,007, 10-29-85, Cl. 264-521.000.

Ohtsubo, Hiroshi: *See*—

Kawasaki, Tatsuo; Takada, Isao; and Ohtsubo, Hiroshi, 4,533,806, Cl. 219-8.500.

Ohtsubo, Yoshiaki: *See*—

Kazami, Kazuyuki; and Ohtsubo, Yoshiaki, 4,511,233, Cl. 354-418.000.

Ohtsuka, Issei: *See*—

Ueda, Kouichiro; Tanaka, Satoru; Ku[illegible]ii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.

Ohtsuka, Kanji: *See*—

Suzuki, Hideo; Ohtsuka, Kanji; and Adachi, Masami, 4,524,213, Cl. 549-235.000.

Ohtsuka, Keizou: *See*—

Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.

Ohtsuka, Kenji: *See*—

Koiso, Yasuhiko; Ohtsuka, Kenji; and Yahara, Shigeo, 4,516,564, Cl. 126-263.000.

Ohtsuka, Kunio, to Nissan Motor Company, Limited. Change-speed transmission with selective bypass of hydrokinetic unit. 4,513,634, 4-30-85, Cl. 74-688.000.

Ohtsuka, Masanori; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Motor drive control circuit. 4,550,992, 11-5-85, Cl. 354-173.110.

Ohtsuka, Mitsugi: *See*—

Tsuda, Tadashi; Hiramatsu, Seiichiro; Ohtsuka, Mitsugi; and Maeno, Tsuyoshi, 4,551,722, Cl. 340-904.000.

Ohtsuka, Shuichi, to Fuji Photo Film Co., Ltd. Method of recording pieces of image information of different kinds in electrophotography. 4,518,252, 5-21-85, Cl. 355-133.000.

Ohtsuka, Shuichi; Aotsuka, Yasuo; and Saito, Eiichi, to Fuji Photo Film Co., Ltd.; and Hitachi Metals, Ltd., a part interest. Electrophotographic reversal developing apparatus with control of developing electrode bias potential. 4,521,103, 6-4-85, Cl. 355-14.00D.

Ohtsuka, Shuichi, to Fuji Photo Film Co., Ltd. Charging and exposure section in an electrophotographic apparatus. 4,544,261, 10-1-85, Cl. 355-3.0CH.

Ohtsuka, Shuichi: *See*—

Okano, Takeshi; and Ohtsuka, Shuichi, 4,561,769, Cl. 355-45.000.

Ohtsuka, Sosuke: *See*—

Goto, Hideo; Hosoe, Takeo; Oda, Toshinori; and Ohtsuka, Sosuke, 4,516,978, Cl. 8-510.000.

Ohtsuka, Yasuji; Koike, Yasuhiro; and Yoshida, Motoaki, to Nippon Sheet Glass Co., Ltd. Process for producing light-transmitting element of synthetic resin. 4,521,351, 6-4-85, Cl. 264-1.500.

Ohtsuka, Yoshimichi: *See*—

Ninomiya, Yuichi; and Ohtsuka, Yoshimichi, 4,500,911, Cl. 358-36.000.

Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, to Toyo Ink Manufacturing Co., Ltd.; and TDK Electronics Co., Ltd. Magnetic recording medium. 4,526,837, 7-2-85, Cl. 428-425.900.

Ohtsuki, Etsuo: *See*—

Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Ohtsuki, Hiroshi: *See*—

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.

Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.

Ohtsuki, Osamu, to Fujitsu Limited. Charge coupled device with meander channel and elongated, straight, parallel gate electrode. 4,531,225, 7-23-85, Cl. 377-58.000.

Ohtsuki, Osamu: *See*—

Tanikawa, Kunihiro; and Ohtsuki, Osamu, 4,562,452, Cl. 357-24.000.

Ohtsuki, Tadashi, to Sony Corporation. Cue data recording apparatus. 4,496,997, 1-29-85, Cl. 360-13.000.

Ohtsuki, Tadashi: *See*—

Tanaka, Masato; Ohtsuki, Tadashi; and Tsuchiya, Yoshikazu, 4,562,581, Cl. 375-7.000.

Ohtsuki, Tomonari; and Hirose, Takao, to Allied Corporation. Shielded electrical connector. 4,557,545, 12-10-85, Cl. 339-103.00M.

Ohtsuki, Toru: *See*—

Fukuta, Masaharu; Oshima, Yoshio; Ishikawa, Sako; and Ohtsuki, Toru, 4,543,641, Cl. 364-756.000.

Ohtsuki, Toshiaki: *See*—

Nozawa, Ryoichiro; Nagamine, Tsuyoshi; Kawamura, Hideaki; and Ohtsuki, Toshiaki, 4,503,373, Cl. 318-570.000.

Ohtsuki, Yuzo; Komatsu, Nobiru; Watanabe, Akira; and Saeki, Gouji, to Nippon Steel Corporation; and Kyushu Refractories Co., Ltd. Forsterite-carbon refractory. 4,497,901, 2-5-85, Cl. 501-90.000.

Ohtsuki, Zenju: *See*—

Inami, Mamoru; Tanaka, Yoshiaki; and Ohtsuki, Zenju, 4,492,917, Cl. 324-77.00A.

Inami, Mamoru; Ohtsuki, Zenju; Tanaka, Yoshiaki; Mori, Tomohiro; and Hasegawa, Akio, 4,553,179, Cl. 360-66.000.

Ohuchi, Hiroo: *See*—

Mutoh, Yoshihiko; Matsuda, Kazuo; Ohshima, Masashi; and Ohuchi, Hiroo, 4,545,940, Cl. 260-428.000.

Ohuchi, Kazunori, to Tokyo Shibaura Denki Kabushiki Kaisha. Active pull-up circuit. 4,503,343, 3-5-85, Cl. 307-482.000.

Ohuchi, Makoto: *See*—

Yoshida, Hatsuyoshi; Fukutome, Michio; Ohuchi, Makoto; and Ohta, Jyun, 4,524,254, Cl. 200-83.00R.

Ohuchi, Muneki, to Jeol Ltd. Method and apparatus for nuclear magnetic resonance spectroscopy. 4,502,008, 2-26-85, Cl. 324-311.000.

Ohuchi, Shigehiro; and Kataoka, Masao, to Toray Industries, Inc. Neutron-shielding fabric and composite fiber and method of manufacture thereof. 4,522,868, 6-11-85, Cl. 428-224.000.

Ohuchi, Yutaka: *See*—

Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, 4,557,871, Cl. 556-183.000.

Ohumi, Takeharu; Kurahashi, Yasuo; Hattori, Kyo; and Sakurai, Kazuhiro, to Toyota Jidosha Kabushiki Kaisha; and Aisin Seiki Kabushiki Kaisha. Electromagnetic solenoid type flow control valve. 4,535,815, 8-20-85, Cl. 137-625.480.

Ohura, Hitoshi: *See*—

Kitabayashi, Yukio; Takahashi, Noriyoshi; Okuyama, Toshiaki; Watanabe, Masatoshi; and Ohura, Hitoshi, 4,562,397, Cl. 318-814.000.

Ohura, Masaki: *See*—

Suenaga, Masahide; Chida, Kousaku; and Ohura, Masaki, 4,556,925, Cl. 360-113.000.

Ohura, Yukio; Hatta, George; and Nogawa, Tadao, to Nippon Seiko Kabushiki Kaisha. Method of making a retainer for solid type roller bearing. 4,502,740, 3-5-85, Cl. 29-148.460.

Ohwada, Tetsuya: *See*—

Sano, Yasumasa; and Ohwada, Tetsuya, 4,520,538, Cl. 24-682.000.

Sano, Yasumasa; and Ohwada, Tetsuya, 4,555,832, Cl. 24-682.000.

Ohwaki, Hirotsugu; and Yamashiki, Yutaka, to Sony Corporation. Compact expandable electronic signal processing apparatus. 4,530,066, 7-16-85, Cl. 364-708.000.

Ohwaki, Shinji: *See*—

Kunugi, Katsuo; Suzuki, Togi; Konishi, Tadashi; and Ohwaki, Shinji, 4,513,114, Cl. 524-706.000.

Yoshimoto, Masato; and Ohwaki, Shinji, 4,546,043, Cl. 428-397.000.

Ohwaki, Takayuki: *See*—

Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, 4,510,168, Cl. 427-3.000.

Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, 4,532,881, Cl. 118-20.000.

Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Heat shrinkable multi-layered laminate film. 4,495,249, 1-22-85, Cl. 428-516.000.

Ohya, Masaki; Matsukura, Yoshihiro; and Anzai, Mitsuru, to Kureha Kagaku Kogyo Kabushiki Kaisha. Heat-shrinkable composite laminate film and process for preparing the same. 4,525,414, 6-25-85, Cl. 428-213.000.

Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Heat-shrinkable laminate film. 4,547,433, 10-15-85, Cl. 428-516.000.

Ohya, Nobumasa; Imai, Ryusaku; and Sato, Hitoshi, to Fujitsu Limited. Color information input system for electronic blackboard. 4,501,931, 2-26-85, Cl. 178-18.000.

Ohya, Shizuko: *See*—

Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi, 4,551,273, Cl. 260-112.50E.

Ohyaba, Takashi; Kamishima, Minoru; Kinoshita, Shozo; Kawamura, Tetsuo; and Matsuhisa, Hiroaki, to Pioneer Electronic Corporation. Loudspeaker system. 4,504,704, 3-12-85, Cl. 179-115.5DV.

Ohyachi, Tomio: *See*—

Tanuma, Itsuo; Takeichi, Hideo; Fukuura, Yukio; Ohyachi, Tomio; and Naito, Kazuo, 4,511,627, Cl. 428-429.000.

Ohyagi, Takashi: *See*—

Ichikawa, Yoshio; and Ohyagi, Takashi, 4,506,386, Cl. 455-343.000.

Ohyama, Akira, to Tsubakimoto Chain Co. Over-load and light-load protection for electric machinery. 4,541,029, 9-10-85, Cl. 361-31.000.

Ohyama, Hideo: *See*—

Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, 4,519,362, Cl. 123-414.000.

Matsui, Takeski; Ohyama, Hideo; Tachi, Ryosuke; Ito, Teruyoshi; and Kawai, Motoshi, 4,519,038, Cl. 364-431.030.

Ohyama, Hiroshi; Morita, Ken; Wada, Takuo; and Miyahara, Masahiko, to Hokko Chemical Industry Co., Ltd. 1,2,4-Triazole derivatives and fungicidal composition containing the same. 4,512,989, 4-23-85, Cl. 514-383.000.

Ohyama, Kazuo; and Kitami, Takashi, to Honda Giken Kogyo Kabushiki Kaisha. V-Type internal combustion engine. 4,519,344, 5-28-85, Cl. 123-55.0VF.

Ohyama, Kazuo: *See*—

Yamamoto, Kuniyuki; and Ohyama, Kazuo, 4,540,077, Cl. 192-70.120.

Ohyama, Kunio; Nakagawa, Nobuaki; and Watanabe, Susumu, to Toyo Jozo Kabushiki Kaisha. Element for immunoassay. 4,495,151, 1-22-85, Cl. 422-102.000.

Ohyama, Shinji: *See*—

Minami, Kazuaki; Totani, Shinzo; Miura, Kunio; Akutsu, Kazushi; and Ohyama, Shinji, 4,502,123, Cl. 364-424.000.

Miura, Kunio; Hasebe, Koshi; Ono, Takashi; Akutsu, Kazushi; Ohyama, Shinji; and Minami, Kazuaki, 4,504,913, Cl. 364-449.000.

Ohyama, Tadashi, to Aisin Seiki Kabushiki Kaisha. Electromagnetic valve unit. 4,493,474, 1-15-85, Cl. 251-129.000.

Ohyama, Tohru; and Nigorikawa, Shigeru, to Alps Electric Co., Ltd. RF Modulator. 4,500,920, 2-19-85, Cl. 358-13[illegible]00.

Ohyama, Yoshishige: *See*—

Oosuga, Minoru; and Ohyama, Yoshishige, 4,494,405, Cl. 73-118.000.

Ohyo Jiki Laboratory Co., Inc.: *See*—

Kuromatsu, Akio, 4,532,019, Cl. 204-129.460.

Ohzawa, Yoshiyuki: *See*—

Sanada, Sakae; and Ohzawa, Yoshiyuki, 4,497,677, Cl. 156-89.000.

Ohzeki, Osamu; Shimakawa, Katsuhiko; and Mashino, Zenichi, to Nikka Chemical Industry Co., Ltd.; and Chiyoda Chemical Engineering & Construction Co., Ltd. Pitch-containing composition. 4,539,012, 9-3-85, Cl. 44-51.000.

Ohzeki, Osamu: *See*—

Tajima, Hiroto; Kawakami, Hironori; Mashino, Zenichi; Hayami, Seinoshin; and Ohzeki, Osamu, 4,537,600, Cl. 44-51.000.

Ohzeki, Yoshiaki, to Ricoh Company, Ltd. Facsimile communication system. 4,524,393, 6-18-85, Cl. 358-257.000.

Ohzono, Kouhei: *See*—

Uchibaba, Kouichi; Hayashi, Tsutomu; Ishikawa, Haruo; and Ohzono, Kouhei, 4,559,023, Cl. 464-30.000.

Oi, Naobumi; and Kitahara, Hajimu, to Sumitomo Chemical Company, Limited. Packing materials for chromatographic use and a method for analysis of an enantiomer mixture using the same. 4,512,898, 4-23-85, Cl. 210-656.000.

Oi, Susumu: *See*—

Nukina, Yasuyuki; Namikawa, Syunji; Tomioka, Toshikazu; Yamamoto, Takehiko; and Oi, Susumu, 4,540,666, Cl. 435-167.000.

Oi, Vernon T.: *See*—

Stryer, Lubert; Glazer, Alexander N.; and Oi, Vernon T., 4,520,110, Cl. 436-501.000.

Oida, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Comparator circuit. 4,529,891, 7-16-85, Cl. 307-355.000.

Oida, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. High-speed ECL synchronous logic circuit with an input logic circuit. 4,560,888, 12-24-85, Cl. 307-272.00A.

Oide, Kunimasa, to Daichiku Co., Ltd. Stapler and staples to be mounted. 4,556,161, 12-3-85, Cl. 227-83.000.

Oie, Naoyuki; Koyama, Hiromichi; and Takegawa, Takafumi, to Sanyo Electric Co., Ltd. Air-purifying apparatus. 4,541,847, 9-17-85, Cl. 55-124.000.

Oiji, Yoshimasa: *See*—

Kumazawa, Toshiaki; Oiji, Yoshimasa; Tanaka, Hiroshi; and Shuto, Katsuichi, 4,547,496, Cl. 514-218.000.

Oikawa, Akio: *See*—

Miyasaka, Masashi; and Oikawa, Akio, 4,557,512, Cl. 292-341.180.

Oikawa, Hideo: *See*—

Kyuragi, Hakaru; and Oikawa, Hideo, 4,557,036, Cl. 29-571.000.

Oikawa, Hiroshi: *See*—

Tabata, Junichi; Torii, Masahiro; Oikawa, Hiroshi; Sawada, Minoru; and Masui, Yasuyuki, 4,513,753, Cl. 128-706.000.

Oikawa, Saburo: *See*—

Miyata, Kenji; Terasawa, Yoshio; Oikawa, Saburo; Murakami, Susumu; and Okamura, Masahiro, 4,514,747, Cl. 357-38.000.

Yatsuo, Tsutomu; Nagano, Takahiro; Oikawa, Saburo; and Horie, Akira, 4,500,903, Cl. 357-38.000.

Oikawa, Shuetsu: *See*—

Igaki, Seigo; Nakakuki, Tadao; Inagaki, Takefumi; Oikawa, Shuetsu; and Fujimura, Takashi, 4,559,452, Cl. 250-560.000.

Oikawa, Tadahisa: *See*—

Kondo, Kouichi; and Oikawa, Tadahisa, 4,531,851, Cl. 400-583.300.

Sato, Yo; Kashiwaba, Tadao; Matsuda, Yasuhiko; and Oikawa, Tadahisa, 4,505,773, Cl. 156-384.000.

Oikawa, Takashi: *See*—

Hayashi, Masahiro; Nozawa, Seiichi; and Oikawa, Takashi, 4,520,208, Cl. 549-308.000.

Oike, Ikuo; and Miyata, Takahide, to Honda Giken Kogyo Kabushiki Kaisha. Exhaust device of a two-cycle engine for a motorcycle. 4,545,200, 10-8-85, Cl. 60-314.000.

Oike, Ikuo, to Honda Giken Kogyo Kabushiki Kaisha. Engine exhaust apparatus. 4,554,785, 11-26-85, Cl. 60-314.000.

Oil Drive Kogyo, Ltd.: *See*—

Hasegawa, Kisaku, 4,548,296, Cl. 187-17.000.

Oil-Rite Corporation: *See*—

Gruett, Donald G., 4,529,514, Cl. 210-234.000.

Oil States Industries, Inc.: *See*—

Britton, Frederick G.; and Clark, Thomas A., 4,494,738, Cl. 267-140.000.

Doner, August K.; Brady, Lewis L.; and Alvarado, Jesse T., 4,505,334, Cl. 166-284.000.

Oiles Industry Co., Ltd.: *See*—

Arigaya, Hideto; Katsui, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, 4,559,249, Cl. 428-36.000.

Kitta, Toshiyuki; and Abe, Wataru, 4,557,087, Cl. 52-230.000.

Maeda, Katsutoshi; and Shimoda, Ikuo, 4,534,535, Cl. 248-636.000.

Sumiyoshi, Kikuo; Sato, Eiji; Kojima, Masamitsu; Izumi, Masayoshi; and Miyasaka, Kingo, 4,547,434, Cl. 428-609.000.

Sumiyoshi, Kikuo; Sato, Eiji; Hirai, Kazuo; Miyasaka, Kingo; and Izumi, Masayoshi, 4,551,393, Cl. 428-609.000.

Sumiyoshi, Kikuo; and Miyasaka, Kingo, 4,559,248, Cl. 428-36.000.

Yamada, Shinji; and Hanafusa, Saburo, 4,505,987, Cl. 428-553.000.

Oiles Kogyo Kabushiki Kaisha: *See*—

Izeki, Jiro; and Shimoda, Ikuo, 4,545,466, Cl. 188-268.000.

- Oilfield Industrial Lines, Inc.: *See—*
  - Roper, Brett E.; and Herrera, Juan M., 4,506,623, Cl. 114-256.000.
- Oilgear Company, The: *See—*
  - Hornsby, Carlton R., 4,560,309, C'. 408-229.000.
- Oime, Inc.: *See—*
  - Frink, Shelby T., 4,497,614, Cl. 417-238.000.
- Oine, Toyonari; Yamada, Yoshihisa; Wagatsuma, Mitsuyoshi; Yamaguchi, Totaro; and Ohshima, Satoshi, to Tanabe Seiyaku Co., Ltd. Pyrrolidomoxine cephalosporins. 4,547,494, 10-15-85, Cl. 514-204.000.
- Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, to Olympus Optical Co., Ltd. Apparatus and technique for detecting and controlling the focusing of an optical system by image sharpness and lateral shift techniques. 4,492,449, 1-8-85, Cl. 354-407.000.
- Oinoue, Kenichi, to Olympus Optical Co., Ltd. Method for detecting F-number of lens. 4,531,835, 7-30-85, Cl. 356-124.000.
- Oinoue, Kenichi: *See—*
  - Aoki, Masahiro; Nakamura, Junichi; Ida, Masatoshi; Oinoue, Kenichi; and Hayashi, Asao, 4,562,345, Cl. 250-201.000.
  - Hayashi, Asao; Aoki, Masahiro; Oinoue, Kenichi; and Ida, Masatoshi, 4,540,881, Cl. 250-201.000.
  - Hayashi, Asao; Oinoue, Kenichi; Aoki, Masahiro; and Ida, Masatoshi, 4,562,346, Cl. 250-201.000.
  - Ida, Masatoshi; Oinoue, Kenichi; Aoki, Masahiro; and Hayashi, Asao, 4,503,467, Cl. 358-212.000.
- Oishe, Hideo: *See—*
  - Fujii, Shuzo; Oishe, Hideo; and Moriyama, Takashi, 4,502,820, Cl. 406-56.000.
- Oishi, Hideo: *See—*
  - Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.
- Oishi, Keiji: *See—*
  - Fukuchi, Masakazu; Oishi, Keiji; and Iwai, Yasuyuki, 4,559,898, Cl. 118-653.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Magnetic tape cassette. 4,496,118, 1-29-85, Cl. 242-198.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Magnetic disk cartridge. 4,497,009, 1-29-85, Cl. 360-133.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Magnetic tape cassette. 4,500,050, 2-19-85, Cl. 242-198.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Magnetic tape cassette. 4,513,929, 4-30-85, Cl. 242-198.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Magnetic tape cassette. 4,518,134, 5-21-85, Cl. 242-199.000.
- Oishi, Kengo; and Ono, Tuyoshi, to Fuji Photo Film Co., Ltd. Magnetic recording disk cartridge. 4,530,017, 7-16-85, Cl. 360-60.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Magnetic disk cartridge. 4,536,812, 8-20-85, Cl. 360-133.000.
- Oishi, Kengo; and Moriwaki, Masayoshi, to Fuji Photo Film Co., Ltd. Pad assembly for tape cassette. 4,544,975, 10-1-85, Cl. 360-130.330.
- Oishi, Kengo; Komiyama, Choji; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Pad provided in the interior of a videotape cassette. 4,544,976, 10-1-85, Cl. 360-132.000.
- Oishi, Kengo; and Suzuki, Osamu, to Fuji Photo Film Co., Ltd. Method of making magnetic disk cartridge. 4,549,922, 10-29-85, Cl. 156-293.000.
- Oishi, Kengo: *See—*
  - Komiyama, Choji; Oishi, Kengo; Suzuki, Osamu; and Iyota, Yasumasa, 4,557,380, Cl. 206-387.000.
  - Yoshida, Tuneo; Oishi, Kengo; and Yagi, Motohiko, 4,533,968, Cl. 360-130.210.
- Oishi, Kiyohiko; Ishida, Yasuhiko; and Takama, Kenichirou, to Toyota Jidosha Kabushiki Kaisha. Exhaust gas cleaning device for diesel engines. 4,538,412, 9-3-85, Cl. 60-288.000.
- Oishi, Kiyohiko; Kobashi, Kiyoshi; and Takama, Kenichirou, to Toyota Jidosha Kogyo Kabushiki Kaisha. Exhaust gas cleaning device for diesel engines. 4,549,398, 10-29-85, Cl. 60-286.000.
- Oishi, Masatoshi, to Mazda Motor Corporation. Apparatus for forming a sheet metal product having an opening. 4,509,355, 4-9-85, Cl. 72-325.000.
- Oishi, Naoaki; Shimizu, Noriyuki; Shoji, Takashi; and Harada, Shoji, to Showa Denko Kabushiki Kaisha; and Nikkan Industries Co., Ltd. Substrate of printed circuit. 4,492,730, 1-8-85, Cl. 428-328.000.
- Oishi, Yaichi: *See—*
  - Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, 4,537,444, Cl. 297-284.000.
- Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, to Japanese National Railways; Hakusan Seisakusho Co., Ltd.; and Kyushu Tetsudo Kiki Seizo Co., Ltd. Method of field welding head-hardened rails. 4,556,164, 12-3-85, Cl. 228-199.000.
- Oishibashi, Hirotsugu: *See—*
  - Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, 4,520,756, Cl. 118-699.000.
- Oiso, Hisayoshi; Joyama, Norio; Fujimoto, Kazuhiro; and Okamoto, Kozo, to Meiji Seika Kaisha Ltd. Fleecy confectionery producing machine. 4,526,525, 7-2-85, Cl. 425-9.000.
- Oiso, Hisayoshi: *See—*
  - Kuwahara, Rikiya; Habuto, Akinaka; and Oiso, Hisayoshi, 4,496,592, Cl. 426-5.000.
- Oiwa, Isao, to Sumitomo Rubber Industries, Ltd. Internal mixer. 4,512,664, 4-23-85, Cl. 366-76.000.
- Oiwa, Ruiko: *See—*
  - Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, 4,533,547, Cl. 424-122.000.
- Oiwa, Thomas Y.: *See—*
  - Morrow, Danny G.; and Oiwa, Thomas Y., 4,538,053, Cl. 219-541.000.
- Oizumi, Junichi: *See—*
  - Kan, Kazutoshi; and Oizumi, Junichi, 4,559,633, Cl. 375-1.000.
- Oizumi, Masayuki; Abe, Masaharu; and Fushiki, Yasuo, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Flame-retarded copper-clad laminate. 4,521,491, 6-4-85, Cl. 428-458.000.
- Oja, Tonis; Petersen, Gary L.; and Cannon, David W., to Matec, Inc. Measurement of electro-kinetic properties of a solution. 4,497,208, 2-5-85, Cl. 73-584.000.
- Ojakaar, Leo, to Du Pont de Nemours, E. I., and Company. Peroxide-curable brominated or iodinated fluoroelastomer composition containing an N,N,N',N'-tetrasubstituted 1,8-diaminonaphthalene. 4,529,759, 7-16-85, Cl. 524-83.000.
- Ojakaar, Leo: *See—*
  - Finlay, Joseph B.; and Ojakaar, Leo, 4,543,394, Cl. 525-276.000.
- Ojala, William K., to Practical Technology Incorporated. Vehicle seat lumbar support insert and method of utilizing the same. 4,534,593, 8-13-85, Cl. 297-284.000.
- Ojanen, Randall W., to GTE Products Corporation. Rotatable cutting bit. 4,497,520, 2-5-85, Cl. 299-86.000.
- Ojanen, Randall W., to GTE Products Corporation. Rotatable cutting bit. 4,547,020, 10-15-85, Cl. 799-86.000.
- Ojanpera, Heimo K. Woven fringed textile product and a method for making said manufacturing product. 4,510,975, 4-16-85, Cl. 139-384.00R.
- Oji Paper Company, Ltd.: *See—*
  - Kita, Yukio; Koide, Kazuo; and Horikoshi, Kouki, 4,514,501, Cl. 435-251.000.
- Ojima, Iwao; and Hirai, Kenji, to Sagami Chemical Research Center. Process for production of N-acyl-α-amino acids. 4,497,964, 2-5-85, Cl. 562-406.000.
- Ojima, Iwao: *See—*
  - Kawai, Toshikazu; Negishi, Akira; Ojima, Iwao; and Fuchikami, Takamasa, 4,540,835, Cl. 568-842.000.
- Ojima, Shin; Kamiuchi, Hideaki; and Mine, Keiji, to Hosiden Electronics Co., Ltd. Automatic bread baking machine. 4,538,509, 9-3-85, Cl. 99-348.000.
- Ojima, Teruhiko: *See—*
  - Shigeta, Masao; and Ojima, Teruhiko, 4,558,297, Cl. 336-213.000.
- Ojima, Yasuo: *See—*
  - Yasukawa, Motohiro; Ishikawa, Yukio; Ojima, Yasuo; Harada, Hiromi; and Mori, Yoshiaki, 4,525,208, Cl. 75-25.000.
- Ojserkis, Maurice J. Opening device for a trawl net. 4,514,924, 5-7-85, Cl. 43-9.000.
- Ojust, Klaus: *See—*
  - Kloetzer, Dietrich; Linde, Karl-Heinz; and Ojust, Klaus, 4,547,318, Cl. 260-400.000.
- Ok Tedi Mining Limited: *See—*
  - Stone, Alan M., 4,555,385, Cl. 423-30.000.
- Oka, Akio: *See—*
  - Torigai, Katsumi; and Oka, Akio, 4,543,921, Cl. 123-73.00A.
- Oka, Akira: *See—*
  - Kanno, Takashi; Oka, Akira; Okamoto, Ituo; Mizushima, Kouji; and Oguro, Shinji, 4,510,552, Cl. 361-413.000.
  - Zenitani, Hideki; Oka, Akira; Okamoto, Itsuo; Hayashi, Hisao; and Taniguchi, Masajiro, 4,496,057, Cl. 211-26.000.
- Oka, Hideo, to NEC Corporation. Unencapsulated solid electrolytic capacitor and method for manufacturing the same. 4,551,786, 11-5-85, Cl. 361-306.000.
- Oka, Hiroshi, to Kohjin Co., Ltd. Method for separation of solid mixtures by simultaneous multi-stage recrystallization. 4,544,391, 10-1-85, Cl. 62-541.000.
- Oka, Hiroyuki: *See—*
  - Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
- Oka, Hitoshi: *See—*
  - Tanaka, Isamu; Kikuchi, Hiroshi; Tomizawa, Akira; and Oka, Hitoshi, 4,555,532, Cl. 523-400.000.
- Oka, Joji; Iwakura, Hideaki; Ando, Narumi; Iwasaki, Kiyotoshi; and Shindow, Yoshio, to Nippon Steel Corporation. Weldable paint-coated steel sheets having excellent corrosion resistance. 4,524,111, 6-18-85, Cl. 428-551.000.
- Oka, Kazuyoshi: *See—*
  - Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, 4,503,136, Cl. 430-106.600.
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  - Ohtake, Yasuhisa; Tanaka, Hiroshi; and Oka, Koichiro, 4,536,226, Cl. 148-12.00C.
- Oka, Masahiko: *See—*
  - Tatemoto, Masayoshi; Oka, Masahiko; Kano, Hideo; Tomoda, Masayasu; and Ueta, Yutaka, 4,501,869, Cl. 526-249.000.
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  - Kamachi, Hajime; Okumura, Jun; Naito, Takayuki; Oka, Masahisa; and Yamashita, Haruhiro, 4,507,487, Cl. 548-194.000.
- Oka, Takahiro: *See—*
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  - Wada, Kenichi; Oka, Tateki; and Tabuchi, Kenji, 4,514,480, Cl. 430-30.000.
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  - Morihara, Kazuyuki; Oka, Tatsushi; and Tsuzuki, Hiroshige, 4,511,505, Cl. 260-112.700.
- Oka, Tetsuo: *See—*
  - Katsumata, Ryoichi; Oka, Tetsuo; and Furuya, Akira, 4,500,640, Cl. 435-253.000.
- Oka, Toshihiro, to Nippon Steel Corporation. Method of gauging and controlling workpiece profile in a rolling mill. 4,535,614, 8-20-85, Cl. 72-16.000.
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  - Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, 4,507,179, Cl. 204-58.000.
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  - Yonezawa, Toshio; Ajima, Takashi; Hiraki, Shunichi; Koshino, Yutaka; and Oka, Yoshitami, 4,560,642, Cl. 430-313.000.
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  - Nagasawa, Eiji; Okabayashi, Hidekazu; Morimoto, Mitsutaka; and Higuchi, Kohei, 4,551,908, Cl. 29-571.000.
- Okabayashi, Norio, to Daicel Chemical Industries, Ltd. Method and apparatus for electroforming a stamper for producing a high-density information recording carrier. 4,539,079, 9-3-85, Cl. 204-5.000.
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  - Miura, Yasuki; Motegi, Masahiko; and Okabe, Kazuo, 4,508,782, Cl. 428-409.000.
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  - Sugio, Akitoshi; and Okabe, Masao, 4,532,306, Cl. 525-397.000.
- Okabe, Mitsuyasu: *See—*
  - Kubo, Katsuro; Yoshioka, Takeo; Okabe, Mitsuyasu; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,508,648, Cl. 260-245.20T.
- Okabe, Nobuo: *See—*
  - Daitoku, Koichi; and Okabe, Nobuo, 4,540,264, Cl. 354-400.000.
  - Wakabayashi, Hiroshi; Okabe, Nobuo; and Daitoku, Koichi, 4,515,453, Cl. 354-149.100.
- Okabe, Nobuya; and Mizushima, Hiroshi, to Hitachi Construction Machinery Co., Ltd. Hydraulic circuit system for construction machine. 4,528,892, 7-16-85, Cl. 91-6.000.
- Okabe, Nobuya; and Nakagiri, Fumiki, to Hitachi, Ltd. Hydraulic drive system for civil engineering and construction machinery. 4,561,824, 12-31-85, Cl. 414-697.000.
- Okabe, Shinsei; Komatsu, Hiroshi; Hamaji, Yukio; Kojima, Shozo; and Kato, Yoshiharu, to Murata Manufacturing Co., Ltd. Process for preparing a particulate ceramic material. 4,537,865, 8-27-85, Cl. 501-135.000.
- Okabe, Shinsuke, to Monarch Marking Systems, Inc. Print head. 4,502,383, 3-5-85, Cl. 101-111.000.
- Okabe, Shotaro: *See—*
  - Fujiyama, Yasutomo; and Okabe, Shotaro, 4,539,934, Cl. 118-723.000.
  - Fujiyama, Yasutomo; and Okabe, Shotaro, 4,545,328, Cl. 118-723.000.
- Okabe, Sigeru: *See—*
  - Takeuchi, Masato; Tobita, Hiroshi; Okabe, Sigeru; Okada, Hideo; and Tonami, Munehiko, 4,542,079, Cl. 429-39.000.
- Okabe, Takahiro: *See—*
  - Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, 4,543,499, Cl. 307-477.000.
- Okabe, Takeaki: *See—*
  - Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.
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  - Ogawa, Hiroyasu; Shigei, Tetsuro; Takahashi, Hayashi; Okabe, Tetuya; and Miyatake, Fumio, 4,536,448, Cl. 428-394.000.
- Okabe, Yoshie, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for detecting specific color. 4,527,897, 7-9-85, Cl. 356-407.000.
- Okabe, Yoshikatsu: *See—*
  - Matsumoto, Shigeru; Okabe, Yoshikatsu; and Kazama, Yasuhiro, 4,516,133, Cl. 343-819.000.
- Okabe, Yoshio, to Aisin Seiki Kabushiki Kaisha. Sealed-type automatic tensioner. 4,527,462, 7-9-85, Cl. 92-51.000.
- Okabe, Yoshio, to Aisin Seiki Kabushiki Kaisha. Tensioning device for belt or the like. 4,539,001, 9-3-85, Cl. 474-138.000.
- Okabe, Yoshio: *See—*
  - Arai, Fuminao; and Okabe, Yoshio, 4,522,169, Cl. 123-198.00F.
- Okabe, Yoshiro. Method for producing leather fibrous tissues planted on a basic clothing sheet and sheet products produced thereby. 4,520,058, 5-28-85, Cl. 428-90.000.
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  - Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.
- Okada, Akira: *See—*
  - Miyata, Shigeo; Okada, Akira; and Hirose, Toru, 4,505,887, Cl. 423-635.000.
  - Sakaguchi, Haruo; Seki, Norio; Yamamoto, Shu; and Okada, Akira, 4,523,802, Cl. 350-96.120.
- Okada, Fumio; Oba, Toshio; and Nakazato, Morizo, to Shin-Etsu Chemical Co., Ltd. Aqueous emulsion-type silicone compositions. 4,496,687, 1-29-85, Cl. 524-859.000.
- Okada, Hidekazu, to Clover Mfg. Co., Ltd. Knitting needles with a flexible cord. 4,553,410, 11-19-85, Cl. 66-117.000.
- Okada, Hideo: *See—*
  - Takeuchi, Masato; Tobita, Hiroshi; Okabe, Sigeru; Okada, Hideo; and Tonami, Munehiko, 4,542,079, Cl. 429-39.000.
- Okada, Hiroshi, to Mitsuchi Corporation. Pantagraph type jack. 4,509,724, 4-9-85, Cl. 254-126.000.
- Okada, Hiroshi; Itagaki, Hideyuki; Kano, Takehiko; and Masuko, Seiichi, to Mitsui Toatsu Chemicals, Inc. Monomeric vinyl chloride stripping tower. 4,526,656, 7-2-85, Cl. 202-158.000.
- Okada, Hiroshi: *See—*
  - Honma, Katsuhiko; Tatsuno, Tsuneo; and Okada, Hiroshi, 4,541,975, Cl. 264-62.000.
  - Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, 4,500,822, Cl. 318-314.000.
  - Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, 4,506,202, Cl. 318-603.000.
- Okada, Hisafumi; Suzuki, Yoshio; and Takenaka, Shigeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Glass envelope for a cathode-ray tube. 4,537,322, 8-27-85, Cl. 220-2.10A.
- Okada, Hisao; Tanaka, Seiichiro; and Kawaberi, Seiji, to Sony Corporation. Television signal receiving system. 4,518,993, 5-21-85, Cl. 358-114.000.
- Okada, Hitoshi: *See—*
  - Yamaguchi, Katsumi; Takai, Kazuki; and Okada, Hitoshi, 4,511,940, Cl. 360-96.600.
- Okada, Hozuma, to Sakashita Co., Ltd. Sweat-absorbent textile fabric. 4,530,873, 7-23-85, Cl. 428-253.000.
- Okada, Isoji: *See—*
  - Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
- Okada, Jun: *See—*
  - Kunimasa, Koichi; Futamura, Setsuo; and Okada, Jun, 4,507,782, Cl. 371-32.000.
- Okada, Junya: *See—*
  - Harada, Setsuo; and Okada, Junya, 4,497,803, Cl. 514-450.000.
- Okada, Kazuo, to Kabushiki Kaisha Universale. Reel type slot machine. 4,492,379, 1-8-85, Cl. 273-143.00R.

Okada, Kazuo, to Kabushiki Kaisha Universal. Slot machine with player-friendly bonus game. 4,508,345, 4-2-85, Cl. 273-143.00R.

Okada, Kazuo, to Kabushiki Kaisha Universal. Slot machine. 4,534,560, 8-13-85, Cl. 273-143.00R.

Okada, Kazuo, to Kabushiki Kaisha Universal. Method and apparatus for discriminating coins or bank notes. 4,556,140, 12-3-85, Cl. 194-4.00C.

Okada, Kazuo: *See—*
  Kondo, Mitsushige; Okada, Kazuo; and Hirasawa, Kazuo, 4,502,134, Cl. 369-46.000.

Okada, Kenichi: *See—*
  Morikawa, Yoshitsugu; Nomoto, Kiyoshi; and Okada, Kenichi, 4,527,021, Cl. 200-5.00A.
  Nakamura, Keiichi; Asao, Hiroshi; Okada, Kenichi; Wakabayashi, Yoichi; and Ochiai, Izumi, 4,506,423, Cl. 29-157.00R.

Okada, Kodo: *See—*
  Irikura, Tsutomu; Suzue, Seigo; and Okada, Kodo, 4,556,715, Cl. 546-322.000.

Okada, Kozo: *See—*
  Ito, Toshiharu; Ozeki, Eiji; and Okada, Kozo, 4,556,814, Cl. 310-334.000.

Okada, Kunihiro; Endo, Hirohide; Saito, Susumu; and Kataoka, Kenji, to Hitachi, Ltd.; and Hitachi Koki Co., Ltd. Optical input and output scanning system. 4,514,079, 4-30-85, Cl. 355-8.000.

Okada, Kunio; Takeshima, Sadao; and Tashiro, Shuichirow, to Jidosha Kiki Co., Ltd. Flow quantity control valves. 4,502,504, 3-5-85, Cl. 137-544.000.

Okada, Makoto; and Fujita, Kazunori, to Nissan Motor Company, Limited. Exhaust duct connector. 4,537,278, 8-27-85, Cl. 181-227.000.

Okada, Masahisa: *See—*
  Blomback, Birger; and Okada, Masahisa, 4,505,817, Cl. 210-484.000.
  Blomback, Birger; and Okada, Masahisa, 4,505,822, Cl. 210-635.000.

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  Konno, Kunio; and Okada, Masashi, 4,497,015, Cl. 362-268.000.

Okada, Minoru, to Santrade Ltd. Milling cutter. 4,493,594, 1-15-85, Cl. 407-41.000.

Okada, Minoru, to Olympus Optical Co. Ltd. Endoscope. 4,558,691, 12-17-85, Cl. 128-6.000.

Okada, Minoru, to Suzuhiro U.S.A., Inc. Method of preparing fabricated meat products. 4,559,236, 12-17-85, Cl. 426-643.000.

Okada, Mizuho: *See—*
  Takahata, Kei; Murasawa, Sadao; Ichida, Hiroshi; Okada, Mizuho; and Nakayama, Takao, 4,525,441, Cl. 430-46.000.

Okada, Munenori: *See—*
  Takezawa, Susumu; Ikebe, Ken'ichi; Ayada, Haruki; Fukui, Tatsuyuki; and Okada, Munenori, 4,516,746, Cl. 244-170.000.

Okada, Osami: *See—*
  Sakudo, Noriyuki; Abe, Katsunobu; Tokiguchi, Katsumi; Koike, Hidemi; and Okada, Osami, 4,543,465, Cl. 219-121.0PD.

Okada, Sadashige. Modified asphalt-epoxy resin composition. 4,499,215, 2-12-85, Cl. 523-450.000.

Okada, Sadayuki; Sonobe, Hisao; and Mino, Tomoaki, to Hitachi, Ltd. Constant pressure type boiling cooling system. 4,502,286, 3-5-85, Cl. 62-119.000.

Okada, Satoru: *See—*
  Yokoi, Gunpei; and Okada, Satoru, 4,542,903, Cl. 273-85.00G.

Okada, Satoshi: *See—*
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,497,729, Cl. 260-112.50R.
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.
  Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, to Fujitsu Limited. Developer comprising a carrier coated with Fe_3O_4 dispersed in a butadiene polymer, and a toner. 4,555,466, 11-26-85, Cl. 430-106.600.

Okada, Seiji: *See—*
  Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,513,075, Cl. 430-108.000.
  Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,522,909, Cl. 430-137.000.

Okada, Seizo: *See—*
  Horigome, Koichi; Okada, Seizo; Nishimura, Katsuji; and Yamamoto, Hachizou, 4,509,136, Cl. 364-900.000.

Okada, Shigeo: *See—*
  Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, 4,552,312, Cl. 239-585.000.

Okada, Shingo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Apparatus for removing ligating fittings on smoking casings. 4,492,137, 1-8-85, Cl. 83-175.000.

Okada, Shingo; Sawa, Yuji; and Adachi, Kuniomi, to Kureha Kagaku Kogyo Kabushiki Kaisha. Automatic continuous vacuum packaging method and apparatus. 4,553,376, 11-19-85, Cl. 53-511.000.

Okada, Taiiti: *See—*
  Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, 4,514,565, Cl. 544-25.000.

Okada, Taiji: *See—*
  Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Ichikawa, Keiko; Nakazato, Kikuo; and Okada, Taiji, 4,528,372, Cl. 544-310.000.

Okada, Takanori. Method of and appara [illegible] sewing towel fabric end. 4,548,146, 10-22-85, Cl. 112-262.300.

Okada, Takao; Toda, Akitoshi; and Mimura, Yoshiyuki, to Olympus Optical Co., Ltd. Electrophotographic process with a.c. charger producing greater positive charge. 4,526,848, 7-2-85, Cl. 430-55.000.

Okada, Takao: *See—*
  Kobayashi, Yuji; and Okada, Takao, 4,513,316, Cl. 358-106.000.
  Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,492,745, Cl. 430-67.000.
  Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,537,845, Cl. 430-58.000.
  Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,537,846, Cl. 430-58.000.

Okada, Takashi; Ikeda, Yasunari; and Tanaka, Yutaka, to Sony Corporation. Double-scanning non-interlace television receiver with vertical aperture correction circuit. 4,524,379, 6-18-85, Cl. 358-11.000.

Okada, Takashi: *See—*
  Fujimura, Yasushi; Okada, Takashi; Tanaka, Yutaka; and Ikeda, Yasunari, 4,509,071, Cl. 358-11.000.
  Fujimura, Yasushi; Okada, Takashi; and Yamagiwa, Kazuo, 4,533,949, Cl. 358-122.000.
  Tanaka, Yutaka; and Okada, Takashi, 4,524,382, Cl. 358-31.000.

Okada, Tetsuo: *See—*
  Narisada, Masayuki; Watanabe, Fumihiko; Okada, Tetsuo; and Matsumura, Hiromu, 4,525,355, Cl. 514-210.000.

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Tsuyama, Setsuya; Kurihara, Kazuhiko; and Yazawa, Hiroshi, to Polymer Processing Research Institute Ltd. Process for broadening the width of a bundle of parallel filaments having a band form. 4,499,639, 2-19-85, Cl. 28-282.000.

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Kurihara, Kazuhiko; and Yazawa, Hirosi, to Nippon Petrochemicals Company, Limited; and Polymer Processing Research Institute Ltd. Method and apparatus for stretching film or fibrous web. 4,525,317, 6-25-85, Cl. 264-235.800.

Okada, Tokio; Makino, Tsutomu; and Takemura, Michio, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for processing terminal of insulator coated cables. 4,546,675, 10-15-85, Cl. 81-9.510.

Okada, Tokuhiro; and Hayashi, Masayoshi, to Toa Medical Electronic Co., Ltd. Particle size distribution analyzer. 4,491,926, 1-1-85, Cl. 364-555.000.

Okada, Tokuji; and Kanade, Takeo, to Carnegie-Mellon University. Three-wheeled adjustable vehicle. 4,526,106, 7-2-85, Cl. 104-138.00G.

Okada, Tomoo, to Kabushiki Kaisha Universal. Device for holding display plate for game machine. 4,513,968, 4-30-85, Cl. 273-143.00R.

Okada, Tomoo, to Kabushiki Kaisha Universal. Device for detecting the amount of coins in hopper device. 4,541,444, 9-17-85, Cl. 133-4.00A.

Okada, Toshiro, to Fujitsu Limited. PLL For regenerating a synchronizing signal from magnetic storage. 4,542,351, 9-17-85, Cl. 331-11.000.

Okada, Toshiro, to Fujitsu Limited. Phase-locked loop circuit. 4,546,330, 10-8-85, Cl. 331-17.000.

Okada, Toshiteru: *See—*
  Imada, Nobuyuki; and Okada, Toshiteru, 4,551,254, Cl. 210-688.000.
  Miyazaki, Kazuhide; Kitamura, Yasuo; and Okada, Toshiteru, 4,548,684, Cl. 204-130.000.

Okada, Yasunori: *See—*
  Nishizawa, Hiroshi; Mukoyama, Yoshiyuki; Kasai, Shozo; and Okada, Yasunori, 4,505,980, Cl. 428-383.000.

Okada, Yasuyuki: *See—*
  Machida, Tetsuo; Tsuhara, Susumu; Tabata, Kuniaki; and Okada, Yasuyuki, 4,511,962, Cl. 364-200.000.

Okada, Yoshio; and Igarashi, Yuriko, to Kureha Kagaku Kogyo Kabushiki Kaisha. Microcapsule for pressure-sensitive recording paper and process for producing the same. 4,562,116, 12-31-85, Cl. 428-402.210.

Okada, Yoshio: *See—*
  Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.

Okada, Yoshiyuki; Inoue, Yoshihiro; and Iwanaga, Koichi, to Takeda Chemical Industries, Ltd. Pyrazol-4-yl phosphites. 4,531,005, 7-23-85, Cl. 548-116.000.

Okada, Yoshiyuki: *See—*
  Yamamoto, Katsuhiro; Matsumoto, Katsuo; and Okada, Yoshiyuki, 4,515,162, Cl. 128-640.000.

Okada, Yukio; and Iwamura, Akira, to Kawasaki Jukogyo Kabushiki Kaisha. Railway truck spring height adjustment device. 4,505,457, 3-19-85, Cl. 267-[illegible].000.

Okada, Yukio: *See*—
Adachi, Akira; Kubota, Takashi; Okada, Yukio; Miyazaki, Kenichi; and Hagiwara, Taro, 4,504,534, Cl. 428-71.000.
Okada, Yukiyoshi: *See*—
Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.
Okado, Chihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Control system for a voltage-type inverter. 4,546,422, 10-8-85, Cl. 363-41.000.
Okado, Chihiro: *See*—
Izume, Takatomo; and Okado, Chihiro, 4,499,363, Cl. 219-130.210.
Okado, Hideo; Hashimoto, Kazuo; Kawamura, Kichinari; Yamazaki, Yasuyoshi; and Takaya, Haruo, to Director-General of the Agency of Industrial Science and Technology. Crystalline zeolite, method of preparing same and process for the production of olefins using same as catalyst. 4,544,793, 10-1-85, Cl. 585-640.000.
Okado, Hiroyuki; Kakizoe, Masahiro; Otsuka, Shigeharu; and Sako, Yuji, to Mitsubishi Denki Kabushiki Kaisha. Electromagnetic contactor. 4,506,243, 3-19-85, Cl. 335-132.000.
Okado, Hiroyuki; Masuda, Shigeru; and Mori, Teijiro, to Mitsubishi Denki Kabushiki Kaisha. Electric power switch with slotted commutation end plate. 4,521,655, 6-4-85, Cl. 200-147.00R.
Okado, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic scanning apparatus. 4,541,434, 9-17-85, Cl. 128-660.000.
Okado, Terumi; and Sugiura, Noboru, to Hitachi, Ltd. Knock control apparatus equipped with altitude compensation function. 4,558,674, 12-17-85, Cl. 123-425.000.
Okado, Terumi: *See*—
Sugiura, Noboru; and Okado, Terumi, 4,495,918, Cl. 123-425.000.
Okafuji, Masaharu; Ochi, Yoshinori; Miyake, Atsushi; Noguchi, Junichi; and Matsuo, Ichiro, to Nippon Sheet Glass Co., Ltd. Apparatus for cleaning a curved glass sheet. 4,558,480, 12-17-85, Cl. 15-77.000.
Okahashi, Kazuo: *See*—
Nishida, Mitsuhiro; Yamamoto, Sakuei; Sonoda, Nobuo; Okahashi, Kazuo; and Takagi, Shoji, 4,546,130, Cl. 523-459.000.
Okahashi, Tatsuo: *See*—
Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.
Okahata, Yoshio; and Seki, Tokahiro, to Sogo Pharmaceutical Company Limited. Nylon capsule responding to pH. 4,548,955, 10-22-85, Cl. 521-53.000.
Okai, Tsukasa; and Araki, Shuichi, to Dainippon Screen Seizo Kabushiki Kaisha. Method of compressing data. 4,513,444, 4-23-85, Cl. 382-56.000.
Okajima, Atsushi; Nitta, Yoshihiko; and Yamano, Fumiyuki, to Hitachi, Ltd. Translation between natural languages. 4,502,128, 2-26-85, Cl. 364-900.000.
Okajima, Masao: *See*—
Muroi, Akira; Sano, Masakatsu; Kamiya, Junichi; Okajima, Masao; and Inoue, Arifumi, 4,538,697, Cl. 180-68.400.
Okajima, Takahiro: *See*—
Takahashi, Hideyuki; Kenmotsu, Isami; and Okajima, Takahiro, 4,497,051, Cl. 369-77.100.
Okamaoto, Kaoru: *See*—
Hamada, Masaaki; Okamaoto, Kaoru; and Kurosaki, Teikichi, 4,555,513, Cl. 514-311.000.
Okamato, Takeshi: *See*—
Asai, Ryuichi; Okamato, Takeshi; and Minagawa, Shoichi, 4,562,371, Cl. 310-313.00A.
Okami, Seiichi, to Osaka Titanium Co., Ltd. Heating power supply apparatus for polycrystalline semiconductor rods. 4,562,338, 12-31-85, Cl. 219-503.000.
Okami, Yoshiro: *See*—
Umezawa, Hamao; Okami, Yoshiro; and Kondo, Shinichi, 4,499,083, Cl. 514-36.000.
Okamori, Kenji: *See*—
Yamazaki, Taro; Okamoto, Masashi; Iizuka, Tokio; Tsukada, Norishige; and Okamori, Kenji, 4,556,918, Cl. 358-283.000.
Okamoto, Akihiro: *See*—
Maeda, Tetsuro; Okamoto, Akihiro; Shimizu, Yoshimitsu; and Nomoto, Takashi, 4,533,698, Cl. 525-73.000.
Okamoto, Akito: *See*—
Fujii, Hiroshi; Okamoto, Akito; and Watanabe, Tuyoshi, 4,504,919, Cl. 364-478.000.
Okamoto, Atsutoshi: *See*—
Hara, Masahiro; Okamoto, Atsutoshi; and Sakai, Toshiyasu, 4,516,017, Cl. 235-472.000.
Okamoto & Co., Ltd.: *See*—
Hirano, Hideo, 4,519,221, Cl. 66-107.000.
Okamoto, Eiji; Fukaya, Yasuhiro; and Chikami, Michio, to Gadelius Kabushiki Kaisha. Heat pipe heat exchanger. 4,537,247, 8-27-85, Cl. 165-104.140.
Okamoto, Futoshi, to Matsushita Electric Works, Ltd. Power supply apparatus. 4,499,533, 2-12-85, Cl. 363-126.000.
Okamoto, Hideho; Yamatsuta, Kohji; and Nishio, Ken-ichi, to Sumitomo Chemical Company, Limited. Fiber-reinforced metallic composite material. 4,515,866, 5-7-85, Cl. 428-614.000.
Okamoto, Hideho; and Nishio, Ken-ichi, to Sumitomo Chemical Company, Limited. Heat-resistant spring made of fiber-reinforced metallic composite material. 4,544,610, 10-1-85, Cl. 428-611.000.
Okamoto, Hiroaki: *See*—
Hamakawa, Yoshihiro; Okamoto, Hiroaki; and Okuda, Kouji, 4,496,788, Cl. 136-249.000.
Okamoto, Hiromi: *See*—
Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,530,322, Cl. 123-188.0AA.
Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,897, Cl. 123-188.0AA.
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Okamoto, Hiroshi; and Matsushita, Kouzi, to Minolta Camera Kabushiki Kaisha. Transfer type electrophotographic copying apparatus with substantially constant potential control of photosensitive member surface. 4,502,777, 3-5-85, Cl. 355-14.00R.
Okamoto, Hiroshi: *See*—
Gotou, Makoto; and Okamoto, Hiroshi, 4,500,830, Cl. 323-267.000.
Okamoto, Hiroyuki: *See*—
Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-3[illegible].000.
Okamoto, Ikuzo: *See*—
Hoshika, Shaji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-2[illegible].000.
Okamoto, Itsuo: *See*—
Zenitani, Hideki; Oka, Akira; Okamoto, Itsuo; Hayashi, Hisao; and Taniguchi, Masajiro, 4,496,057, Cl. 211-26.000.
Okamoto, Ituo: *See*—
Kanno, Takashi; Oka, Akira; Okamoto, Ituo; Mizushima, Kouji; and Oguro, Shinji, 4,510,552, Cl. 361-413.000.
Okamoto, Jiro: *See*—
Ishigaki, Isao; Sugo, Takanobu; and Okamoto, Jiro, 4,539,277, Cl. 429-249.000.
Okamoto, Kaneyuki: *See*—
Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.
Okamoto, Kaoru; Hamada, Masaki; and Kurosaki, Teikichi, to Nippon Zoki Pharmaceutical Co. Ltd. 1,2-benzopyran-6-yl acetic acid compound and pharmaceutical compositions containing said compounds. 4,545,993, 10-8-85, Cl. 514-456.000.
Okamoto, Katsunari; Edahiro, Takao; Kawana, Akio; and Miya, Tetsuo, to Nippon Telegraph & Telephone Public Corporation. Single mode optical fibers. 4,525,027, 6-25-85, Cl. 350-96.300.
Okamoto, Kazuhiko; and Chaki, Takao, to Clarion Co., Ltd. Arm mechanism for a pushbutton type tuner. 4,561,317, 12-31-85, Cl. 74-10.330.
Okamoto, Kazuo: *See*—
Matsui, Masao; Okamoto, Kazuo; and Naruse, Tutomu, 4,525,404, Cl. 428-92.000.
Okamoto, Kei: *See*—
Fujiyama, Kunio; Okamoto, Kei; and Yoshikawa, Noriyuki, 4,515,406, Cl. 297-409.000.
Okamoto, Ken: *See*—
Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,537,051, Cl. 72-12.000.
Niino, Shuhei; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,557,126, Cl. 72-16.000.
Niino, Shuheu; Ishimura, Koichi; Okamoto, Ken; and Ohba, Koichi, 4,520,642, Cl. 72-8.000.
Okamoto, Kenji; Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Nishiura, Yozo, to Sumitomo Electric Industries, Ltd. Process for fabricating integrated optics. 4,517,280, 5-14-85, Cl. 430-321.000.
Okamoto, Kenji: *See*—
Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Okamoto, Kenji, 4,560,249, Cl. 350-162.170.
Okamoto, Kenzo: *See*—
Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,515,557, Cl. 431-302.000.
Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,556,045, Cl. 126-96.000.
Okamoto, Kiyohide: *See*—
Fukuyama, Toshifumi; and Okamoto, Kiyohide, 4,551,640, Cl. 307-471.000.
Okamoto, Kozo: *See*—
Oiso, Hisayoshi; Joyama, Norio; Fujimoto, Kazuhiro; and Okamoto, Kozo, 4,526,525, Cl. 425-9.000.
Okamoto, Kunio: *See*—
Fukami, Akira; Okamoto, Kunio; and Noguchi, Hiroki, 4,494,597, Cl. 165-41.000.
Okamoto, Kyoichi: *See*—
Morishita, Akira; and Okamoto, Kyoichi, 4,554,474, Cl. 310-154.000.
Okamoto, Makoto: *See*—
Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
Okamoto, Masashi: *See*—
Maeda, Kiyoshi; and Okamoto, Masashi, 4,517,608, Cl. 358-298.000.
Yamazaki, Taro; Okamoto, Masashi; Iizuka, Tokio; Tsukada, Norishige; and Okamori, Kenji, 4,556,918, Cl. 358-283.000.
Okamoto, Masataka: *See*—
Kato, Eiichi; Okamoto, Masataka; Ueda, Hiroshi; and Inaba, Masaharu, 4,502,984, Cl. 252-518.000.
Okamoto, Masaya; and Terada, Shigeru, to Nissan Motor Company, Limited. Hydraulic control system for industrial vehicle. 4,505,111, 3-19-85, Cl. 60-431.000.

- Okamoto, Masayoshi: *See—*
  - Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, 4,532,771, Cl. 62-6.000.
- Okamoto, Michio: *See—*
  - Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro, 4,498,170, Cl. 370-110.100.
- Okamoto, Miyoshi, to Toray Industries, Inc. Fabric composed of bundles of superfine filaments. 4,496,619, 1-29-85, Cl. 428-224.000.
- Okamoto, Miyoshi; Iijima, Hiromichi; and Miyoshi, Akito, to Toray Industries, Inc. Ultrafine sheath-core composite fibers and comp sheets made thereof. 4,557,972, 12-10-85, Cl. 428-373.000.
- Okamoto, Miyoshi: *See—*
  - Higuchi, Akira; and Okamoto, Miyoshi, 4,525,169, Cl. 8-485.000.
  - Kato, Hiroyasu; Yagi, Kenkichi; and Okamoto, Miyoshi, 4,519,804, Cl. 8-485.000.
  - Yoshida, Shusuke; Nakajima, Tamotsu; and Okamoto, Miyoshi, 4,517,715, Cl. 28-144.000.
- Okamoto, Norifumi, to Okamoto Seiki Kogyo Kabushiki Kaisha. Chuck for a machine tool. 4,519,621, 5-28-85, Cl. 279-116.000.
- Okamoto, Norihiko: *See—*
  - Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.
- Okamoto, Osamu: *See—*
  - Sekimoto, Yukihiko; and Okamoto, Osamu, 4,518,261, Cl. 366-150.000.
- Okamoto, Seiji: *See—*
  - Nakamura, Takeshi; Okamoto, Seiji; and Hirayama, Kazuyoshi, 4,494,824, Cl. 350-334.000.
- Okamoto Seiki Kogyo Kabushiki Kaisha: *See—*
  - Okamoto, Norifumi, 4,519,621, Cl. 279-116.000.
- Okamoto, Shigemi: *See—*
  - Yamada, Kaneo; Okamoto, Shigemi; and Asada, Kazuhiko, 4,544,514, Cl. 261-153.000.
- Okamoto, Shinzi: *See—*
  - Tanino, Katsumi; Fujiki, Satoshi; and Okamoto, Shinzi, 4,499,010, Cl. 252-512.000.
- Okamoto, Takachiyo, to Brother Kogyo Kabushiki Kaisha. Method of making a stator bar usable in a linear stepper motor. 4,545,117, 10-8-85, Cl. 29-596.000.
- Okamoto, Takanori; Mori, Hisakazu; and Matsuda, Hideaki, to Okura Kogyo Kabushiki Kaisha. Anaerobic adhesives having excellent adhesive property and preservative stability. 4,510,270, 4-9-85, Cl. 523-176.000.
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- Okamoto, Takanori: *See—*
  - Doi, Hidemi; Okamoto, Takanori; and Matsuda, Hideaki, 4,548,992, Cl. 525-167.000.
- Okamoto, Takehiko: *See—*
  - Okano, Yoshihiro; Okamoto, Takehiko; and Ohmory, Akio, 4,547,289, Cl. 210-652.000.
- Okamoto, Takeshi; and Minagawa, Shoichi, to Clarion Co., Ltd. Unidirectional transducer for a surface-acoustic-wave device and a method of making same. 4,521,711, 6-4-85, Cl. 310-313.00B.
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- Okamoto, Takeshi: *See—*
  - Minagawa, Shoichi; and Okamoto, Takeshi, 4,543,533, Cl. 330-5.500.
  - Niitsuma, Teruo; Minagawa, Shoichi; and Okamoto, Takeshi, 4,491,811, Cl. 333-151.000.
- Okamoto, Tetsuhiko: *See—*
  - Tanino, Hiroshi; Okamoto, Tetsuhiko; Ueyama, Shinichiro; Fujikawa, Kazuhiko; and Tsumiyama, Takatoshi, 4,522,689, Cl. 203-52.000.
- Okamoto, Tetsuo: *See—*
  - Sasaki, Yoshiyuki; Kobayashi, Shigenobu; Okamoto, Tetsuo; and Minemura, Norihiro, 4,539,242, Cl. 428-92.000.
- Okamoto, Tetsuro: *See—*
  - Sakamoto, Kazushi; Okamoto, Tetsuro; and Okutani, Shigeaki, 4,507,728, Cl. 364-200.000.
- Okamoto, Tetuo: *See—*
  - Sugiura, Sabro; Fujita, Senji; Kanada, Kenji; Demukai, Noboru; and Okamoto, Tetuo, 4,531,971, Cl. 75-13.000.
- Okamoto, Tosaku; Okimoto, Tomoyuki; and Ishida, Katsuhiko, to Kanzaki Paper Manufacturing Co., Ltd. Heat-sensitive record material. 4,510,512, 4-9-85, Cl. 346-209.000.
- Okamoto, Tosaku: *See—*
  - Ishida, Katsuhiko; Okimoto, Tomoyuki; and Okamoto, Tosaku, 4,529,992, Cl. 346-204.000.
- Okamoto, Toshiaki; Oguma, Tomio; and Kaga, Matasaburo, to Aisin Seiki Kabushiki Kaisha. Supercharged internal combustion engine having control means responsive to engine speed and accelerator pedal velocity. 4,556,038, 12-3-85, Cl. 123-564.000.
- Okamoto, Toshiro; and Ohshima, Michio, to Mitsubishi Jukogyo Kabushiki Kaisha. Thermal cracking process for producing olefins from hydrocarbons. 4,527,003, 7-2-85, Cl. 585-648.000.
- Okamoto, Toshiro: *See—*
  - Kamimura, Yoshihiko; Okamoto, Toshiro; Takahashi, Naoyuki; Makihara, Hiroshi; and Oshima, Michio, 4,520,224, Cl. 585-648.000.
  - Kamisaka, Makoto; Okamoto, Toshiro; Ohshima, Michio; and Tamai, Mamoru, 4,527,002, Cl. 585-648.000.
- Okamoto, Tsuneo: *See—*
  - Unno, Yohei; Ueno, Satoru; Sadamitsu, Kazuo; and Okamoto, Tsuneo, 4,549,581, Cl. 138-109.000.
- Okamoto, Yasushi: *See—*
  - Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.
- Okamoto, Yoshihisa, to B. F. Goodrich Company, The. Graft copolymers and process for their preparation. 4,540,742, 9-10-85, Cl. 525-61.000.
- Okamoto, Yoshihisa: *See—*
  - Yang, Wei-Yeih W.; and Okamoto, Yoshihisa, 4,496,514, Cl. 264-328.600.
- Okamoto, Yoshikazu, to Rank Xerox Limited. Method of developing an electrostatic latent image uses magnetic developer. 4,499,166, 2-12-85, Cl. 430-33.000.
- Okamoto, Yoshio; Iwai, Kazumi; Inoue, Hiroshi; Kunugi, Yoshifumi; and Shinozaki, Tadashi, to Hitachi, Ltd. Solenoid valve. 4,546,795, 10-15-85, Cl. 137-624.150.
- Okamoto, Yoshio: *See—*
  - Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, 4,523,000, Cl. 526-336.000.
  - Hatada, Koichi; Okamoto, Yoshio; and Kitayama, Tatsuki, 4,559,389, Cl. 525-250.000.
  - Yuki, Heimei; and Okamoto, Yoshio, 4,511,475, Cl. 210-635.000.
  - Yuki, Heimei; and Okamoto, Yoshio, 4,554,323, Cl. 525-272.000.
  - Yuki, Heimei; and Okamoto, Yoshio, 4,554,334, Cl. 526-177.000.
  - Yuki, Heimei; and Okamoto, Yoshio, 4,555,574, Cl. 546-342.000.
- Okamoto, Yoshiyuki; and Hwang, Edward F., to W. R. Grace & Co. Poly(dipropargylamine)and derivatives thereof per se and p-doped and processes for preparing same. 4,497,727, 2-5-85, Cl. 252-500.000.
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- Okamoto, Yukikazu: *See—*
  - Tagami, Manabu; Urayama, Kenzi; Ooishi, Tadashi; Okamoto, Yukikazu; and Tsuji, Kozo, 4,536,498, Cl. 514-147.000.
- Okamoto, Yukio: *See—*
  - Miwa, Tadashi; Kimura, Kiyoshi; Okamoto, Yukio; and Tarumi, Noriyoshi, 4,531,825, Cl. 355-3.0TR.
  - Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, 4,518,976, Cl. 346-153.100.
- Okamura Corporation: *See—*
  - Abe, Masatoshi, 4,514,136, Cl. 414-744.00A.
  - Iemura, Takusuke; Goto, Takeshi; and Komaki, Hiroshi, 4,531,789, Cl. 312-268.000.
  - Kaise, Tatsuo, 4,496,278, Cl. 414-735.000.
  - Nashimoto, Junichi; and Kurokawa, Zenkichi, 4,509,893, Cl. 414-280.000.
- Okamura, Diane H. Fingernail jewelry device. 4,498,314, 2-12-85, Cl. 63-2.000.
- Okamura, Edward T., Sr. Convertible sunvisor cap. 4,556,993, 12-10-85, Cl. 2-196.000.
- Okamura, Hideaki: *See—*
  - Sakurada, Masahiko; Manabe, Sugio; Okamura, Hideaki; and Gocho, Nagahiro, 4,536,369, Cl. 422-65.000.
- Okamura, Hisashi; Sakaguchi, Shinji; Takahashi, Osamu; and Murai, Ashita, to Fuji Photo Film Co., Ltd. Photographic elements with development inhibitor precursor. 4,511,644, 4-16-85, Cl. 430-219.000.
- Okamura, Hisashi: *See—*
  - Sakaguchi, Shinji; Okamura, Hisashi; and Nakamura, Shigeru, 4,506,001, Cl. 430-213.000.
  - Takaki, Hideki; Hayashi, Hiroshi; Ono, Shigetoshi; and Okamura, Hisashi, 4,506,002, Cl. 430-215.000.
  - Yokoyama, Shigeki; Okamura, Hisashi; Maekawa, Yukio; and Kawasaki, Hiroshi, 4,558,001, Cl. 430-527.000.
- Okamura, Kazuhiko: *See—*
  - Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.
- Okamura, Kenji; Nagaishi, Hatsuo; Kitahara, Tsuyoshi; Sone, Kohki; and Nakamura, Koyo, to Nissan Motor Company, Limited. Control system for motor vehicle. 4,507,986, 4-2-85, Cl. 74-866.000.
- Okamura, Kiyohito: *See—*
  - Yajima, Seishi; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamamura, Takemi, 4,556,526, Cl. 264-60.000.
  - Yajima, Seishi, deceased; Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, 4,515,742, Cl. 264-63.000.
- Okamura, Makoto. Rear viewer for automobile. 4,497,541, 2-5-85, Cl. 350-626.000.
- Okamura, Masahiro: *See—*
  - Miyata, Kenji; Terasawa, Yoshio; Oikawa, Saburo; Murakami, Susumu; and Okamura, Masahiro, 4,514,747, Cl. 357-38.000.
  - Soga, Tasao; Suzuki, Takaya; Okamura, Masahiro; Gooda, Masahiro; and Kobayashi, Fumiyuki, 4,491,562, Cl. 420-589.000.
- Okamura, Masaru: *See—*
  - Yamada, Takeo; Uesugi, Mitsuaki; and Okamura, Masaru, 4,544,268, Cl. 356-394.000.

Okamura, Masatoshi; and Shiba, Haruo, to TDK Corporation. Magnetic tape clamping device. 4,504,027, 3-12-85, Cl. 242-74.100.

Okamura, Masatoshi; and Ishida, Toshihiko, to TDK Corporation. Magnetic tape cassette casing. 4,546,936, 10-15-85, Cl. 242-198.000.

Okamura, Masayoshi: *See—*
- Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.

Okamura, Michiya: *See—*
- Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,504,617, Cl. 524-426.000.
- Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,552,689, Cl. 252-511.000.

Okamura, Naomi: *See—*
- Okuno, Eiichi; Okamura, Naomi; and Saitoh, Takashi, 4,562,237, Cl. 528-17.000.

Okamura, Setsuo: *See—*
- Sadamori, Hiroki; Chikazawa, Akio; Okamura, Setsuo; and Noda, Chikako, 4,491,640, Cl. 502-242.000.

Okamura, Shigeo; Sato, Yoshihiro; and Takahashi, Kenji, to Minolta Camera Kabushiki Kaisha; Nitto Kogyo K.K.; and Hodaka Kogyo K.K. Offset preventive diffusing rollers for fixing rollers for electronic copying machines. 4,530,140, 7-23-85, Cl. 29-110.000.

Okamura, Shigeru, to Canon Kabushiki Kaisha. Ink jet printer reservoir. 4,513,297, 4-23-85, Cl. 346-140.00R.

Okamura, Shozo: *See—*
- Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; Furujho, Sakae; Okane, Kohji; and Anezaki, Shoji, 4,522,650, Cl. 75-48.000.
- Okane, Kohji; Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; and Manago, Takashi, 4,541,617, Cl. 266-65.000.

Okamura, Takaaki: *See—*
- Kanda, Katsumi; Okamura, Takaaki; Minamigi, Takashi; Inui, Tsuneo; and Kondo, Yoshikazu, 4,517,255, Cl. 428-626.000.

Okamura, Takayuki: *See—*
- Matsumoto, Mitsuo; Hirai, Koji; Yoshimura, Noriaki; and Okamura, Takayuki, 4,551,518, Cl. 528-80.000.

Okamura, Terumasa: *See—*
- Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, 4,532,055, Cl. 252-28.000.

Okamura, Toshihisa: *See—*
- Yamamoto, Nobuyuki; Mukaida, Yoshito; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,548,873, Cl. 428-695.000.
- Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,554,220, Cl. 428-694.000.

Okamura, Toshiro: *See—*
- Nakaso, Akishi; Yamanoi, Kiyoshi; Okamura, Toshiro; and Tsuru, Yoshiyuki, 4,548,644, Cl. 106-1.230.
- Nakaso, Akishi; Okamura, Toshiro; Yamanoi, Kiyoshi; and Nakajima, Sumiko, 4,557,762, Cl. 106-1.230.

Okamura, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Door latch assembly for microwave heating apparatus. 4,511,780, 4-16-85, Cl. 219-10.55C.

Okamuro, James A., to Borroughs Tool & Equipment Corporation. Seal installation device with coaxial handle parts. 4,515,376, 5-7-85, Cl. 277-9.500.

Okane, Kohji; Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; and Manago, Takashi, to Sumitomo Metal Industries, Ltd. Lance structure for oxygen-blowing process in top-blown converters. 4,541,617, 9-17-85, Cl. 266-65.000.

Okane, Kohji: *See—*
- Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; Furujho, Sakae; Okane, Kohji; and Anezaki, Shoji, 4,522,650, Cl. 75-48.000.

Okane, Koji: *See—*
- Hiraoka, Bunsho; Tanaka, Tsutomu; and Okane, Koji, 4,559,062, Cl. 48-92.000.

Okaniwa, Kenichiro: *See—*
- Koyama, Mikio; Kikugawa, Shozo; and Okaniwa, Kenichiro, 4,551,307, Cl. 422-56.000.
- Koyama, Mikio; Okaniwa, Kenichiro; Saruhashi, Masakuni; and Ohmachi, Yuko, 4,557,901, Cl. 422-56.000.

Okano, Haruo; and Horiike, Yasuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Dry etching method and device therefor. 4,492,610, 1-8-85, Cl. 156-643.000.

Okano, Haruo; Yamazaki, Takashi; Horiike, Yasuhiro; and Horie, Hiromichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Dry etching apparatus using reactive ions. 4,526,643, 7-2-85, Cl. 156-345.000.

Okano, Haruo; Horiike, Yasuhiro; and Sekine, Makoto, to Kabushiki Kaisha Toshiba. Dry etching apparatus and method using reactive gases. 4,529,475, 7-16-85, Cl. 156-643.000.

Okano, Hiroshi: *See—*
- Noda, Tamotsu; Tamura, Hifumi; and Okano, Hiroshi, 4,551,650, Cl. 313-362.100.
- Tamura, Hifumi; Okano, Hiroshi; Ishitani, Tohru; and Shimase, Akira, 4,560,907, Cl. 315-111.010.

Okano, Kazuo: *See—*
- Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, 4,548,816, Cl. 424-116.000.

Okano, Kiichiro: *See—*
- Igarashi, Makoto; Kumagami, Naoki; and Okano, Kiichiro, 4,553,079, Cl. 318-626.000.

Okano, Kinpei: *See—*
- Doi, Motomichi; Okano, Kinpei; Nii, Katsutoshi; and Yokota, Yoshiharu, 4,508,396, Cl. 384-463.000.
- Nii, Katsutoshi; Okano, Kinpei; and Tomioka, Shunzo, 4,529,209, Cl. 277-3.000.
- Tomioka, Shunzo; Nakano, Masaaki; Okano, Kinpei; Shimizu, Kousaku; and Yoda, Hiroaki, 4,545,741, Cl. 417-365.000.

Okano, Masami; Tanaka, Akimasa; Suzuki, Takeshi; Ishida, Akira; and Miyazaki, Tatsuo, to Okano Valve Seizo Kabushiki Kaisha. Automatic valve seat build-up welding apparatus. 4,531,039, 7-23-85, Cl. 219-60.00R.

Okano, Michiaki: *See—*
- Miyahara, Masato; Okano, Michiaki; and Beach, Daryl R., 4,503,552, Cl. 378-196.000.

Okano, Shizuo, to Sanyo Electric Co., Ltd. Battery pack. 4,515,872, 5-7-85, Cl. 429-65.000.

Okano, Takashi, to Pioneer Video Corporation. Time axis correction device for a signal reproduced from a recording medium. 4,506,313, 3-19-85, Cl. 358-320.000.

Okano, Takashi, to Universal Pioneer Corporation. Information reproducing apparatus in a recording disc player. 4,512,005, 4-16-85, Cl. 369-48.000.

Okano, Takashi, to Universal Pioneer Corporation. FM Angular modulation system for video signal recording. 4,528,599, 7-9-85, Cl. 358-328.000.

Okano, Takashi, to Pioneer Video Corporation. Time axis correction device for multiplex information-carrying signal obtained from recording medium. 4,539,602, 9-3-85, Cl. 358-337.000.

Okano, Takeshi, to Konan Camera Research Institute. Device for measuring density of photographic transparency. 4,533,253, 8-6-85, Cl. 356-443.000.

Okano, Takeshi; and Ohtsuka, Shuichi, to Fuji Photo Film Co., Ltd. Combined camera and viewer. 4,561,769, 12-31-85, Cl. 355-45.000.

Okano Valve Seizo Kabushiki Kaisha: *See—*
- Okano, Masami; Tanaka, Akimasa; Suzuki, Takeshi; Ishida, Akira; and Miyazaki, Tatsuo, 4,531,039, Cl. 219-60.00R.

Okano, Yoshihiro; Okamoto, Takehiko; and Ohmory, Akio, to Kuraray Co., Ltd. Filtration apparatus using hollow fiber membrane. 4,547,289, 10-15-85, Cl. 210-652.000.

Okano, Yoshio; and Okuma, Yasuo, to Hitachi, Ltd. Portable terminal device. 4,511,970, 4-16-85, Cl. 364-401.000.

Okano, Yoshio; Okuma, Yasuo; Aizawa, Kuniomi; Oyama, Yasuyoshi; and Kitamura, Yoichiro, to Hitachi, Ltd. Transaction processing system. 4,525,712, 6-25-85, Cl. 340-825.310.

Okanobu, Taiwa, to Sony Corporation. Voltage to current converting circuit. 4,560,920, 12-24-85, Cl. 323-315.000.

Okasaka, Kenichi: *See—*
- Higuchi, Masao; Uno, Shuzo; Ishii, Yasuhisa; Makino, Kazuhiro; and Okasaka, Kenichi, 4,531,647, Cl. 212-147.000.

Okashima, Bob Y.: *See—*
- Karazim, Michael P.; Okashima, Bob Y.; and Ashburn, John J., 4,499,691, Cl. 51-241.00S.

Okatsuka, Hisashi; Taniguchi, Koichi; Konno, Mitsuo; and Narita, Ryuho, to Tokyo Shibaura Denki Kabushiki Kaisha. Microwave heating apparatus with solid state microwave oscillating device. 4,504,718, 3-12-85, Cl. 219-10.55B.

Okatsuka, Hisashi; Taniguchi, Koichi; and Kakizawa, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Electromagnetic induction heating apparatus capable of heating nonmagnetic cooking vessels. 4,549,056, 10-22-85, Cl. 219-10.770.

Okawa, Masao, to Sumitomo Heavy Industries, Ltd. Apparatus for transferring articles. 4,511,029, 4-16-85, Cl. 198-621.000.

Okawa, Masao: *See—*
- Kato, Hisanori; and Okawa, Masao, 4,542,660, Cl. 74-27.000.

Okawa, Shinichi: *See—*
- Shiga, Tetsuya; Okawa, Shinichi; Yoshida, Kenichi; and Hiramoto, Junichi, 4,517,982, Cl. 128-635.000.

Okawa, Susumu; Matsui, Hideaki; Jufuku, Yasunobu; and Kato, Toshimi, to Toyota Jidosha Kabushiki Kaisha. Endless belt member for a continuously variable transmission. 4,525,160, 6-25-85, Cl. 474-242.000.

Okawa, Susumu: *See—*
- Sugaya, Masami; Sawada, Daisaku; and Okawa, Susumu, 4,551,119, Cl. 474-28.000.

Okawa, Takashi: *See—*
- Isogai, Nobuo; Okawa, Takashi; Hosokawa, Motoyuki; Wakui, Nastuko; and Watanabe, Toshiyasu, 4,552,986, Cl. 568-902.000.

Okawa, Tamotsu; and Yuasa, Hiromi, to Omron Tateisi Electronics Co. Electronic cash register. 4,525,799, 6-25-85, Cl. 364-900.000.

Okawachi, Yukinori: *See—*
- Sato, Mineo; Kawaguchi, Tadaaki; Okawachi, Yukinori; and Funahashi, Yasuyuki, 4,507,940, Cl. 62-407.000.

Okawara, Mikio, to Kabushiki Kaisha Okawara Seisakusho. Gas distributing floor for circulating fluidized-bed dryers or the like. 4,530,169, 7-23-85, Cl. 34-57.00E.

Okaya Electric Industries Co., Ltd.: *See—*
- Kamegaya, Takeo; Sekigawa, Tadahiko; Kurakami, Hiroshi; and Suzuki, Yoshiro, 4,529,909, Cl. 313-584.000.
- Kamegaya, Takeo; and Watanabe, Satoshi, 4,554,482, Cl. 313-582.000.

Okaya Kogyo Kabushiki Kaisha: *See—*
- Akazawa, Hiroyuki; and Yoshiie, Kazue, 4,492,484, Cl. 400-248.000.

Okaya, Takuji: *See—*
- Tanaka, Taku; Maruyama, Hitoshi; Okaya, Takuji; and Kajitani, Koichi, 4,492,783, Cl. 524-430.000.

- Okayama, Masao: *See—*
  - Yoshida, Masashi; Katohno, Noboru; Yokota, Hajime; and Okayama, Masao, 4,499,512, Cl. 360-90.000.
- Okayama, Tsutomu, to Hitachi, Ltd. Two-terminal current regulator. 4,507,600, 3-26-85, Cl. 323-281.000.
- Okayama, Yoshiaki: *See—*
  - Handa, Takashi; and Okayama, Yoshiaki, 4,543,273, Cl. 427-126.300.
- Okayama, Yoshihiko: *See—*
  - Toyama, Fumiyasu; Murakoshi, Masaaki; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, 4,550,366, Cl. 364-136.000.
- Okazaki, Akiyasu: *See—*
  - Hashiura, Masayoshi; Okazaki, Akiyasu; and Suzuki, Sigeru, 4,527,043, Cl. 219-121.0LQ.
- Okazaki, Haruo; and Ohkubo, Takashi, to Denki Kagaku Kogyo Kabushiki Kaisha. Vinyl acetate-ethylene copolymer emulsion and aqueous emulsion adhesive composition containing the emulsion. 4,510,274, 4-9-85, Cl. 523-411.000.
- Okazaki, Hideo; Imagome, Hiroshi; Suzuka, Susumu; and Sakai, Kiyoshi, to Hodogaya Chemical Co., Ltd.; and Ricoh Company, Ltd. Carbazole compounds and process for preparing the same. 4,521,605, 6-4-85, Cl. 548-440.000.
- Okazaki, Hideo: *See—*
  - Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.
- Okazaki, Hiroshi; and Hyodo, Motoi, to Aisin Seiki Kabushiki Kaisha. Seat track apparatus for vehicle seat. 4,533,107, 8-6-85, Cl. 248-430.000.
- Okazaki, Hiroshi: *See—*
  - Kazaoka, Kenichi; and Okazaki, Hiroshi, 4,502,730, Cl. 297-366.000.
- Okazaki, Hisayoshi: *See—*
  - Terao, Shinji; Okazaki, Hisayoshi; and Imada, Isuke, 4,526,719, Cl. 260-346.00R.
- Okazaki, Katumi: *See—*
  - Masuda, Shunji; Nakaya, Hisashi; and Okazaki, Katumi, 4,556,026, Cl. 123-198.00F.
- Okazaki, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Diagnostic X-ray apparatus. 4,544,948, 10-1-85, Cl. 358-111.000.
- Okazaki, Kiyoshi: *See—*
  - Yasuhara, Hiroshi; Fujita, Hitoshi; and Okazaki, Kiyoshi, 4,533,946, Cl. 358-111.000.
- Okazaki, Mari: *See—*
  - Sakurai, Shigenori; Kamo, Takashi; Furutani, Toshinobu; Kimura, Shirou; Torisu, Yoshio; and Okazaki, Mari, 4,514,277, Cl. 204-424.000.
- Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, to Fuji Photo Film Co., Ltd. Silver halide photographic emulsion. 4,513,081, 4-23-85, Cl. 430-550.000.
- Okazaki, Masaki, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Intake system for outboard motors. 4,522,602, 6-11-85, Cl. 440-77.000.
- Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; and Ukai, Toshinao, to Fuji Photo Film Co., Ltd. Silver halide photographic emulsions. 4,552,837, 11-12-85, Cl. 430-550.000.
- Okazaki, Masaki: *See—*
  - Genba, Tsuneo; Mizobe, Akio; and Okazaki, Masaki, 4,524,042, Cl. 264-211.000.
  - Inoue, Noriyuki; Okazaki, Masaki; Yamamuro, Kiyohiko; and Takei, Haruo, 4,555,482, Cl. 430-574.000.
  - Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, 4,493,889, Cl. 430-572.000.
  - Mihara, Yuji; Nagaoka, Satoshi; and Okazaki, Masaki, 4,544,628, Cl. 430-572.000.
  - Sakai, Nobuo; Okazaki, Masaki; and Inagaki, Yoshio, 4,555,479, Cl. 430-372.000.
  - Tanemura, Hatsumi; Ukai, Toshinao; Okazaki, Masaki; Deguchi, Naoyasu; Fujita, Munehisa; and Yamamuro, Kiyohiko, 4,556,633, Cl. 430-573.000.
  - Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; Toya, Ichizo; and Syuto, Sadanobu, 4,510,235, Cl. 430-574.000.
  - Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; and Toya, Ichizo, 4,555,481, Cl. 430-550.000.
- Okazaki, Michio, to Diesel Kiki Co., Ltd. Method for manufacturing a vane compressor having a lightweight rotor. 4,510,659, 4-16-85, Cl. 29-156.80R.
- Okazaki, Narukazu, to Wakayama Iron Works, Ltd. Dryer for a continuous textile fabric. 4,534,120, 8-13-85, Cl. 34-119.000.
- Okazaki, Nobuo, to Shimadzu Corporation. Apparatus for measuring diamond colors. 4,508,449, 4-2-85, Cl. 356-30.000.
- Okazaki, Sakiho, to Kabushiki Kaisha Suwa Seikosha. Trial spectacles. 4,561,739, 12-31-85, Cl. 351-227.000.
- Okazaki, Sakiho: *See—*
  - Kawamura, Yoshikazu; Hosokawa, Minoru; Okazaki, Sakiho; and Ishii, Hiroshi, 4,522,507, Cl. 368-157.000.
  - Shinohara, Toshihide; and Okazaki, Sakiho, 4,537,479, Cl. 351-169.000.
- Okazaki, Shinji: *See—*
  - Sawa, Natsuo; Suzuki, Toshihiro; and Okazaki, Shinji, 4,514,556, Cl. 528-117.000.
- Okazaki, Takao: *See—*
  - Haneishi, Tatsuo; Okazaki, Takao; Torikata, Akio; Nakajima, Mutsuo; Enokita, Ryuzou; Katayama, Toshiaki; and Iwado, Seigo, 4,557,933, Cl. 424-118.000.
  - Manome, Taichi; Ohmine, Toshinori; Okazaki, Takao; and Arai, Mamoru, 4,517,300, Cl. 435-317.000.
- Okazaki, Takuya: *See—*
  - Kan, Masanori; Okazaki, Takuya; and Sakashita, Tatsuo, 4,558,088, Cl. 524-505.000.
- Okazaki, Tetuji; Kawasaki, Kanji; and Hirose, Masayoshi, to Omron Tateisi Electronics Co. Motor-driven electric timer. 4,524,252, 6-18-85, Cl. 200-38.00E.
- Okazaki, Toshimasa; Sakata, Akihiro; Nagai, Kyozi; and Nakashima, Kazuo, to Toagosei Chemical Industry Co., Ltd. Process for generating hydrogen gas. 4,496,442, 1-29-85, Cl. 204-129.000.
- Okazaki, Toshimasa; and Nakagawa, Shuta, to Toagosei Chemical Industry Co., Ltd. Electrolytic cell for use in electrolysis of aqueous alkali metal chloride solutions. 4,560,461, 12-24-85, Cl. 204-252.000.
- Okazaki, Yasushi: *See—*
  - Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.
- Okazaki, Yuichi: *See—*
  - Kohno, Tsuguo; Yoshida, Yoshitaro; Tenjinbayashi, Koji; and Okazaki, Yuichi, 4,561,333, Cl. 82-1.00C.
- Okazaki, Yutaka: *See—*
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,14[illegible], Cl. 514-274.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.
- Okazoe, Hiroshi: *See—*
  - Fujihara, Hidefumi; Okazoe, Hiroshi; and Hashimoto, Yoichi, 4,503,814, Cl. 123-41.300.
- Okazoe, Takashi: *See—*
  - Masaki, Tomoh; Kamishiro, Toshiro; Okazoe, Takashi; Kumakura, Koichi; and Masaki, Mitsuo, 4,507,297, Cl. 514-252.000.
- O'Keefe, David B.; and Miller, Robert C., to Honeywell Information Systems Inc. Display video generation system for modifying the display of character information as a function of video attributes. 4,520,356, 5-28-85, Cl. 340-750.000.
- O'Keeffe, Lonnie. Storage cabinet with parts sorter. 4,494,804, 1-22-85, Cl. 312-211.000.
- O'Keeffe, Michael J.: *See—*
  - Glover, Neal; O'Keeffe, Michael J.; and Perera, S. Robert, 4,562,577, Cl. 371-38.000.
- O'Keeffe, William F.; and Garcia, Sonny Q., to O'Keeffe's, Inc. Barrell vault skylight system. 4,539,783, 9-10-85, Cl. 52-200.000.
- O'Keeffe's, Inc.: *See—*
  - O'Keeffe, William F.; and Garcia, Sonny Q., 4,539,783, Cl. 52-200.000.
- Okerblom, Jury I.: *See—*
  - Lipets, Adolf U.; Alexandrov, Boris I.; Kuznetsova, Svetlana M.; Okerblom, Jury I.; Ershov, Jury A.; Frolova, Nadezhda A.; Malkis, Valery A.; Sotnikov, Ivan A.; Fedosov, Alexei Z.; and Petrosyan, Robert A., 4,501,320, Cl. 165-144.000.
- Okey, David W.: *See—*
  - Lee, Raymond; Okey, David W.; and Ferro, Gregory A., 4,535,099, Cl. 521-154.000.
  - Lee, Raymond; Okey, David W.; and Ferro, Gregory A., 4,539,342, Cl. 521-189.000.
  - Lee, Raymond; Ferro, Gregory A.; and Okey, David W., 4,562,112, Cl. 428-318.600.
- Oki Electric Industry Co., Ltd.: *See—*
  - Ayusawa, Kazutoshi; Satoh, Hosaku; and Kazama, Munetada, 4,550,089, Cl. 501-139.000.
  - Fukasawa, Atsushi; Hosoda, Kenichiro; Sato, Takuro; and Yoshida, Tatumasa, 4,546,333, Cl. 333-202.000.
  - Hoga, Hiroshi, 4,552,595, Cl. 148-1.500.
  - Itoh, Katsuyuki; Itoh, Shinichi; and Otsuki, Michiaki, 4,545,670, Cl. 355-3.0DD.
  - Kakinuma, Hiroaki; Yoshida, Mamoru; and Nishikawa, Satoshi, 4,533,564, Cl. 427-39.000.
  - Kikuchi, Hiroshi; Tanuma, Jiro; Koshida, Yoshinori; and Itaya, Takashi, 4,526,486, Cl. 400-185.000.
  - Kikuchi, Hiroshi; and Sato, Kenji, 4,543,884, Cl. 101-93.040.
  - Kishi, Noriyuki; and Hirao, Yoshikazu, 4,541,386, Cl. 123-479.000.
  - Konishi, Hiroshi; and Shimizu, Makoto, 4,529,189, Cl. 271-22.000.
  - Mitani, Tokiyoshi, 4,542,263, Cl. 179-81.00B.
  - Mizuno, Kaneyoshi; Nose, Isamu; and Iizuka, Hirosi, 4,520,500, Cl. 381-43.000.
  - Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, 4,530,001, Cl. 357-49.000.
  - Morimoto, Etsuji; and Orito, Keijiro, 4,518,465, Cl. 204-15.000.
  - Nakagawa, Koichi; Sugimori, Yoshio; Kimata, Yoshihide; Araki, Yosai; and Arai, Tomoji, 4,535.356, Cl. 358-145.000.
  - Nonaka, Toshio; Nakamura, Hiroshi; and Yamagishi, Choho, 4,540,446, Cl. 148-1.500.
  - Nose, Isamu; and Umehara, Akihiko, 4,513,436, Cl. 381-43.000.

  - Ogura, Ken; and Nakaboh, Hiroshi, 4,528,216, Cl. 427-387.000.
  - Ohta, Tomozo, 4,527,187, Cl. 358-23.000.
  - Ohta, Tomozo; Tsutsumi, Yoshio; and Sugano, Motoshi, 4,531,148, Cl. 358-21.00R.
  - Onozawa, Kazuo, 4,510,497, Cl. 343-5.0EM.
  - Sagara, Iwao, 4,518,827, Cl. 179-81.00R.
  - Suzuki, Kenichi, 4,546,538, Cl. 29-576.00W.
  - Tadokoro, Hideo, 4,559,718, Cl. 34-8.000.
  - Takayama, Shoichiro, 4,491,873, Cl. 358-256.000.
  - Tsukakoshi, Shosaku, 4,517,549, Cl. 340-347.0AD.
  - Yokouchi, Hiroshi; and Iketani, Ryuichi, 4,551,821, Cl. 365-203.000.
  - Yoshioka, Kentaro, 4,494,304, Cl. 29-578.000.
- Oki, Kenichi: *See—*
  - Takahara, Kazuhiro; Kurahashi, Keizo; Gondo, Hiroyuki; Oki, Kenichi; and Miura, Shoshin, 4,523,189, Cl. 340-781.000.
- Oki, Koji: *See—*
  - Yamaoka, Hideyuki; Hatano, Michiharu; Miyazaki, Tomio; Shimoda, Teruhisa; and Oki, Koji, 4,504,043, Cl. 266-160.000.
- Oki, Takeo; and Ichikawa, Katsutoshi, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Opening and closing device for retractable nib fountain pen. 4,560,298, 12-24-85, Cl. 401-107.000.
- Oki, Toshiro, to ORC Manufacturing Co., Ltd. Combination of a plate for exposure and frame plates. 4,525,061, 6-25-85, Cl. 355-72.000.
- Okigami, Noboru; Hayasaka, Hiroshi; Sekiguchi, Yoshitoshi; and Tamura, Harushige, to Hitachi Shipbuilding & Engineering Co., Ltd. Multi-stage combustion method for inhibiting formation of nitrogen oxides. 4,496,306, 1-29-85, Cl. 431-8.000.
- Okigawa, Etsumi: *See—*
  - Tanaka, Osamu; Iijima, Hiroshi; Ito, Masayoshi; and Okigawa, Etsumi, 4,519,649, Cl. 297-316.000.
- Okihara, Daijiro: *See—*
  - Ohira, Takao; Okihara, Daijiro; and Niiro, Makoto, 4,511,934, Cl. 360-55.000.
- Okihara, Naoto; Morimoto, Masayuki; and Ide, Tatsumi, to NEC Corporation. Contact support means for an electromagnetic relay. 4,535,311, 8-13-85, Cl. 335-124.000.
- Okimoto, Haruo; and Matsuda, Ikuo, to Mazda Motor Corporation. Engine intake system. 4,554,890, 11-26-85, Cl. 123-26.000.
- Okimoto, Haruo: *See—*
  - Hayama, Nobuhiro; Kinjyo, Masasige; Okimoto, Haruo; and Matsuda, Ikuo, 4,494,506, Cl. 123-348.000.
  - Sakurai, Shigeru; Oda, Hiroyuki; Satow, Haruhiko; and Okimoto, Haruo, 4,527,534, Cl. 123-559.000.
  - Satow, Haruhiko; Okimoto, Haruo; Sakurai, Shigeru; and Oda, Hiroyuki, 4,498,429, Cl. 123-26.000.
  - Tadokoro, Tomoo; Okimoto, Haruo; and Matsuda, Ikuo, 4,513,707, Cl. 123-242.000.
- Okimoto, Tomoyuki: *See—*
  - Ishida, Katsuhiko; Okimoto, Tomoyuki; and Okamoto, Tosaku, 4,529,992, Cl. 346-204.000.
  - Okamoto, Tosaku; Okimoto, Tomoyuki; and Ishida, Katsuhiko, 4,510,512, Cl. 346-209.000.
- Okimura, Lucy: *See—*
  - Baunach, Steven C.; Riley, James A.; and Okimura, Lucy, 4,545,015, Cl. 364-200.000.
- Okin, Kenneth: *See—*
  - Manton, John C.; and Okin, Kenneth, 4,500,958, Cl. 364-200.000.
  - Manton, John C.; Okin, Kenneth; and Zacconi, Anthony N., 4,509,115, Cl. 364-200.000.
- Okinaka, Yutaka: *See—*
  - Abys, Joseph A.; and Okinaka, Yutaka, 4,493,754, Cl. 204-47.000.
  - Abys, Joseph A.; and Okinaka, Yutaka, 4,512,963, Cl. 423-387.000.
- Okino, Seiki: *See—*
  - Kandachi, Takayoshi; Okino, Seiki; Yanai, Toshiharu; and Tanaka, Katsuto, 4,521,454, Cl. 427-168.000.
- Okino, Susumu: *See—*
  - Shinoda, Naoharu; Tatani, Atsushi; Ukawa, Naohiko; and Okino, Susumu, 4,533,531, Cl. 423-242.000.
  - Shinoda, Naoharu; Tatani, Atsushi; Inoue, Kenji; and Okino, Susumu, 4,539,190, Cl. 423-240.000.
- Okino, Tadashi, to Canon Kabushiki Kaisha. Flash device and/or photographic apparatus usable with the same. 4,527,880, 7-9-85, Cl. 354-403.000.
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  - Tsujii, Tatsuo; and Okino, Takaaki, 4,510,577, Cl. 364-563.000.
- Okino, Yoshinori, to Mazda Motor Corporation. Air-fuel ratio control means for internal combustion engines. 4,552,115, 11-12-85, Cl. 123-489.000.
- Okita, Hiroshi: *See—*
  - Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.
- Okita, Koichi; and Asako, Shigeru, to Sumitomo Electric Industries, Ltd. Production of string-like polytetrafluoroethylene. 4,496,507, 1-29-85, Cl. 264-127.000.
- Okita, Koichi, to Sumitomo Electric Industries, Ltd. Gas-permselective composite membranes and process for the production thereof. 4,533,369, 8-6-85, Cl. 55-158.000.
- Okita, Naoki: *See—*
  - Hasegawa, Shigekazu; Okita, Naoki; and Machida, Satoshi, 4,535,847, Cl. 172-2.000.
- Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, to Sony Corporation. Tape loading device for magnetic recording and/or reproducing apparatus. 4,527,208, 7-2-85, Cl. 360-85.000.
- Okita, Tsutomu; and Naruo, Kyoichi, to Fuji Photo Film Co., Ltd. Magnetic recording medium and process for producing the same. 4,518,656, 5-21-85, Cl. 428-403.000.
- Okita, Tsutomu, to Fuji Photo Film Co., Ltd. Method for surface treatment of ferromagnetic fine powder and forming a magnetic recording device. 4,533,565, 8-6-85, Cl. 427-44.000.
- Okita, Tsutomu; Naruo, Kyoichi; and Hashimoto, Hiroshi, to Fuji Photo Film Co., Ltd. Magnetic recording medium having binder cured by electron beam radiation. 4,560,616, 12-24-85, Cl. 428-423.100.
- Okita, Tsutomu: *See—*
  - Hashimoto, Hiroshi; and Okita, Tsutomu, 4,548,833, Cl. 427-44.000.
  - Yamamoto, Nobuyuki; Nishikawa, Yasuo; Naruo, Kyoichi; and Okita, Tsutomu, 4,520,070, Cl. 428-336.000.
- Okita, Yuji: *See—*
  - Andow, Fumio; Okita, Yuji; and Suga, Noriyoshi, 4,507,700, Cl. 361-80.000.
- Okitsu, Kiyoshi; and Go, Hiroyouki, to Daicel Chemical Industries, Ltd. Process for manufacturing polyetheresteramide. 4,536,563, 8-20-85, Cl. 528-279.000.
- Okitsu, Kiyoshi: *See—*
  - Asami, Masahiro; Okitsu, Kiyoshi; Okumura, Yoshiaki; Namikoshi, Hajime; Mikumo, Masatoshi; and Watanabe, Shoji, 4,529,788, Cl. 527-300.000.
  - Watanabe, Shoji; Inoue, Kimio; and Okitsu, Kiyoshi, 4,521,570, Cl. 525-415.000.
  - Watanabe, Shoji; and Okitsu, Kiyoshi, 4,522,984, Cl. 525-415.000.
  - Watanabe, Shoji; and Okitsu, Kiyoshi, 4,525,258, Cl. 204-159.230.
- Okitsu, Yoshio: *See—*
  - Kawaida, Shinji; Okitsu, Yoshio; and Ikeda, Kazunari, 4,510,012, Cl. 156-415.000.
- Oklahoma Agricultural and Mechanical Colleges Acting for and on Behalf of Oklahoma State University, Board of Regents for the: *See—*
  - Whitcomb, Carl E., 4,497,132, Cl. 47-66.000.
  - Whitcomb, Carl E., 4,510,712, Cl. 47-66.000.
- Okoh, Tomio; Matsumoto, Tomoaki; and Hirokawa, Noboru, to Kabushiki Kaisha Fujikoshi; and Mazda Motor Corporation. Variable output vane pump. 4,531,893, 7-30-85, Cl. 417-220.000.
- Okonogi, Itaru; and Shimoda, Tatsuya, to Kabushiki Kaisha Suwa Seikosha. Columnar crystal permanent magnet and method of preparation. 4,536,233, 8-20-85, Cl. 148-101.000.
- Okonogi, Tsuneo: *See—*
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Futkatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,497,811, Cl. 514-231.000.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Wakazawa, Tadashi; Niida, Taro; and Christensen, Burton G., 4,534,898, Cl. 260-245.300.
  - Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, 4,556,513, Cl. 260-239.00A.
- Okorley, Jonathan A.: *See—*
  - Humphreys, Paula L.; and Okorley, Jonathan A., 4,532,111, Cl. 423-22.000.
- Okorodudu, Abraham O. M., to Mobil Oil Corporation. Method for preparing a methylene-bis-(O,O-diorganophosphorodithiato)-substituted hindered phenol. 4,532,084, 7-30-85, Cl. 260-978.000.
- Okoshi, Hideo, to Nippon Seiko Kabushiki Kaisha. Thrust ball bearing. 4,523,863, 6-18-85, Cl. 384-609.000.
- Okoshi, Hideo, to Nippon Seiko Kabushiki Kaisha. Infinitely variable toric transmission. 4,537,086, 8-27-85, Cl. 74-201.000.
- Okoshi, Hideo, to Nippon Seiko Kabushiki Kaisha. Speed control device of a toric type infinitely variable transmission. 4,554,841, 11-26-85, Cl. 74-200.000.
- Okoshi, Koichi; and Uematsu, Ryuichi, to Midori-Anzen Industry Co., Ltd. Antistatic footwear. 4,532,724, 8-6-85, Cl. 36-7.10R.
- Okoshi, Koichi: *See—*
  - Ono, Kazumasa; and Okoshi, Koichi, 4,546,497, Cl. 2-243.00A.
- Okoshi, Makoto, deceased: *See—*
  - Okoshi, Takanori; and Okoshi, Makoto, deceased, 4,526,439, Cl. 350-128.000.
- Okoshi, Noboru; and Ikeda, Takenori, to Dainippon Ink and Chemicals, Inc. Coating resin composition. 4,533,716, 8-6-85, Cl. 528-73.000.
- Okoshi, Takanori; and Okoshi, Makoto, deceased (by Okoshi, Takanori, legal representative). Three-dimensional image display apparatus and a screen therefor. 4,526,439, 7-2-85, Cl. 350-128.000.
- Okoshi, Takanori, legal representative: *See—*
  - Okoshi, Takanori; and Okoshi, Makoto, deceased, 4,526,439, Cl. 350-128.000.
- Okoshi, Toru: *See—*
  - Tano, Kazuo; Sato, Keiichi; and Okoshi, Toru, 4,528,403, Cl. 568-454.000.
- Okouchi, Isao; Takahashi, Sankichi; Izumi, Kenkichi; Miyai, Masahiko; and Otake, Katsumoto, to Hitachi, Ltd. Apparatus for removing foreign matters from condenser cooling water. 4,543,188, 9-24-85, Cl. 210-304.000.
- Oktan Aktiebolag: *See—*
  - Buggert, Peter O., 4,508,070, Cl. 123-193.0CP.
- "Oktober 6" Mezogazdasagi Termeloszovetkezet: *See—*
  - Hegedus, Bela; Balint, Sandor; Hudak, Janos; Barta, Gyorgy; and Aszlanyi, Jozsef, 4,555,858, Cl. 34-25.000.
- Oku, Masuo; Yamashita, Masami; Miura, Yoshio; and Suzuki, Motoyuki, to Hitachi, Ltd. Focus servo system having object lens protection circuit for an optical disc player. 4,541,084, 9-10-85, Cl. 369-45.000.

Oku, Narihiro: *See*—

Uematsu, Hiroaki; Aoki, Junji; and Oku, Narihiro, 4,519,890, Cl. 204-409.000.

Oku, Teruo: *See*—

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,493,832, Cl. 424-199.000.

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,562,179, Cl. 514-77.000.

Okubo, Akira; and Miura, Seishi, to Honda Giken Kogyo Kabushiki Kaisha. Exhaust gas purification apparatus for an internal combustion engine. 4,553,388, 11-19-85, Cl. 60-276.000.

Okubo, Hideo: *See*—

Irikura, Tsutomu; Suzue, Seigo; Okubo, Hideo; and Awano, Katsuya, 4,559,402, Cl. 546-121.000.

Okubo, Junpei, to Kabushiki Kaisha Komatsu Seisakusho. Inertia supercharger for internal combustion engines. 4,515,115, 5-7-85, Cl. 123-52.00M.

Okubo, Masao; Yoshimitsu, Yasuro; Nakai, Fumio; and Garretson, Oliver R., to Japan Electronic Materials Corporation. Testing apparatus of semiconductor wafers. 4,518,914, 5-21-85, Cl. 324-158.00F.

Okubo, Masao; and Yoshimitsu, Yasuro, to Japan Electronic Materials Corporation. Complex probe card for testing a semiconductor wafer. 4,523,144, 6-11-85, Cl. 324-158.00P.

Okubo, Naofumi: *See*—

Saito, Toshiyuki; Okubo, Naofumi; and Kaneko, Yoshiaki, 4,562,409, Cl. 330-286.000.

Okubo, Takeshi; Kodachi, Hideo; and Miyanaka, Masaki, to Honda Giken Kogyo Kabushiki Kaisha. Gang head type machine tool. 4,550,488, 11-5-85, Cl. 29-568.000.

Okubo, Yasuo: *See*—

Asano, Juichi; Okubo, Yasuo; Saito, Hiroshi; and Harada, Shigeru, 4,555,064, Cl. 241-89.300.

Okubo, Yoichi: *See*—

Tarumi, Niro; Okubo, Yoichi; and Yoshimoto, Seiichi, 4,528,351, Cl. 526-314.000.

Yoshikawa, Seimi; Yamada, Hideo; and Okubo, Yoichi, 4,506,518, Cl. 62-180.000.

Okubo, Yuji, to Nippon Kogaku K.K. Camera in which exposure is electrically and mechanically controllable. 4,540,266, 9-10-85, Cl. 354-458.000.

Okubo, Yuji: *See*—

Maida, Osamu; Takemae, Mikio; and Okubo, Yuji, 4,509,847, Cl. 354-442.000.

Meguro, Hiroshi; Okubo, Yuji; and Watanabe, Sakuji, 4,497,564, Cl. 354-442.000.

Okubo, Yukihiro: *See*—

Niinomi, Masahiro; Okubo, Yukihiro; Igarashi, Yoshinori; and Yoshinari, Masashi, 4,546,166, Cl. 528-60.000.

Okubo, Yukio: *See*—

Shigematsu, Kaisaburo; Shigematsu, Nobuo; and Okubo, Yukio, 4,501,272, Cl. 128-206.150.

Okuchi, Masao: *See*—

Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.

Okuda, Akihide: *See*—

Imaide, Takuya; Masuda, Michio; Okuda, Akihide; and Nishimura, Ryuji, 4,556,911, Cl. 358-212.000.

Okuda, Eiji: *See*—

Yamasaki, Tetsuya; Okuda, Eiji; and Yamamoto, Noboru, 4,509,824, Cl. 350-167.000.

Okuda, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Ignition system in internal combustion engine. 4,558,683, 12-17-85, Cl. 123-599.000.

Okuda, Jun; Miwa, Ichitomo; Inagaki, Kazuhiro; Horie, Tokunaru; and Nakayama, Mitsuru, to Kaken Pharmaceutical Co., Ltd. Inhibitor of aldose reductase. 4,532,254, 7-30-85, Cl. 514-456.000.

Okuda, Kanemasa, to Fanuc Ltd. Wire electrode pull-up mechanism in wire-cut electric discharge machine. 4,523,074, 6-11-85, Cl. 219-69.00W.

Okuda, Kanemasa: *See*—

Nomura, Yoshiyuki; Okuda, Kanemasa; and Ishii, Hisao, 4,544,819, Cl. 219-69.00W.

Okuda, Kouji: *See*—

Hamakawa, Yoshihiro; Okamoto, Hiroaki; and Okuda, Kouji, 4,496,788, Cl. 136-249.000.

Okuda, Naoki; Usui, Akihiko; Yamamoto, Shigeaki; and Natsume, Shogo, to Kabushiki Kaisha Kobe Seiko Sho. Shielded metal arc welding electrode for Cr-Mo low alloy steels. 4,503,129, 3-5-85, Cl. 428-562.000.

Okuda, Naoki; Yamada, Minoru; and Yoshino, Fumito, to Kabushiki Kaisha Kobe Seiko Sho. Welding wire for use in submerged arc welding of Cr-Mo steels. 4,561,888, 12-31-85, Cl. 75-124.000.

Okuda, Ryoichi: *See*—

Yamamoto, Noboru; Okuda, Ryoichi; and Makino, Tomoatsu, 4,492,213, Cl. 123-644.000.

Okuda, Shinji: *See*—

Kaibara, Nobuhiro; Ida, Toshio; Okuda, Shinji; and Motohashi, Takayuki, 4,524,914, Cl. 239-452.000.

Okuda, Tadao, to Sanyo Electric Co., Ltd. Induction heating apparatus. 4,540,866, 9-10-85, Cl. 219-10.770.

Okuda, Toshio, to Wu, Ming N. Umbrella. 4,542,758, 9-24-85, Cl. 135-25.00R.

Okuda, Tsuneo: *See*—

Yoden, Yoshimasa; Okuda, Tsuneo; Fuchigami, Eiji; and Kuwabara, Toshihiro, 4,533,358, Cl. 8-94.200.

Okuda, Yoshiro: *See*—

Mishima, Akio; Okuda, Yoshiro; Harada, Tosiharu; Mukaizaka, Akira; and Imai, Tomoyuki, 4,514,216, Cl. 75-0.5AA.

Okuda, Yosiro; and Harada, Tosiharu, to Toda Kogyo Corp. Process for producing acicular magnetite or acicular maghemite. 4,495,164, 1-22-85, Cl. 423-266.000.

Okudaira, Sadao, to Asahi Kogaku Kogyo Kabushiki Kaisha. Zoom lens system. 4,491,395, 1-1-85, Cl. 350-427.000.

Okudaira, Sadao, to Asahi Kogaku Kogyo Kabushiki Kaisha. Zoom lens. 4,523,814, 6-18-85, Cl. 350-427.000.

Okudaira, Sadao, to Asahi Kogaku Kogyo Kabushiki Kaisha. Ultracompact telephoto lens. 4,556,295, 12-3-85, Cl. 350-454.000.

Okudaira, Sadayuki: *See*—

Ninomiya, Ken; Nishimatsu, Shigeru; Suzuki, Keizo; Okudaira, Sadayuki; and Ogawa, Yoshifumi, 4,559,100, Cl. 156-345.000.

Okudaira, Tadashi; Tsuboi, Akio; Hama, Yoshihisa; and Hara, Mamoru, to Toyo Boseki Kabushiki Kaisha. Blow-molded multi-ply vessel. 4,535,901, 8-20-85, Cl. 215-1.00C.

Okudaira, Toshiyuki: *See*—

Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.

Okuhama, Yoshiaki: *See*—

Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.

Okuhara, Akira: *See*—

Togawa, Hideo; Takezawa, Taihei; Watanabe, Masazumi; Hayashi, Kazuya; and Okuhara, Akira, 4,505,938, Cl. 426-46.000.

Okuhara, Hiroo: *See*—

Takada, Keisuke; and Okuhara, Hiroo, 4,533,990, Cl. 364-160.000.

Okui, Isamu: *See*—

Yoshihisa, Kozo; and Okui, Isamu, 4,494,075, Cl. 330-254.000.

Yoshihisa, Kozo; and Okui, Isamu, 4,511,849, Cl. 329-103.000.

Okujo, Takeshi: *See*—

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; and Okujo, Takeshi, 4,491,477, Cl. 75-230.000.

Okuma, Kiwamu: *See*—

Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, 4,532,105, Cl. 420-451.000.

Okuma Machinery Works Ltd.: *See*—

Asano, Hiroshige; and Moroto, Masayuki, 4,534,803, Cl. 134-30.000.

Kinoshita, Mikio, 4,505,020, Cl. 29-568.000.

Okuma, Minoru: *See*—

Yamanashi, Yoshihiro; Okuma, Minoru; Hata, Masahito; and Nishihara, Toshio, 4,557,711, Cl. 474-900.000.

Okuma, Yasuo: *See*—

Okano, Yoshio; and Okuma, Yasuo, 4,511,970, Cl. 364-401.000.

Okano, Yoshio; Okuma, Yasuo; Aizawa, Kuniomi; Oyama, Yasuyoshi; and Kitamura, Yoichiro, 4,525,712, Cl. 340-825.310.

Okumoto, Ryoji: *See*—

Kuniyoshi, Toru; and Okumoto, Ryoji, 4,501,432, Cl. 277-168.000.

Okumoto, Shigeki, to Mitsubishi Denki Kabushiki Kaisha. Automotive V-belt. 4,534,750, 8-13-85, Cl. 474-261.000.

Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, to Toyoda Gosei Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Diaphragm. 4,491,621, 1-1-85, Cl. 428-519.000.

Okumura, Akio: *See*—

Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.

Okumura, Fumio; and Kawai, Akira, to Mitsubishi Paper Mills, Ltd. Microcapsule and process for their production. 4,533,599, 8-6-85, Cl. 428-402.210.

Okumura, Hiroshi: *See*—

Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,536,631, Cl. 219-10.770.

Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,556,770, Cl. 219-10.49R.

Okumura, Hiroyuki: *See*—

Otani, Kozo; Yamada, Yoshio; and Okumura, Hiroyuki, 4,504,648, Cl. 528-76.000.

Okumura, Jun: *See*—

Aburaki, Shimpei; Kamachi, Hajime; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,525,473, Cl. 514-202.000.

Hoshi, Hideaki; Okumura, Jun; Naito, Takayuki; Abe, Yoshio; and Aburaki, Shimpei, 4,520,022, Cl. 514-200.000.

Imae, Kiyoto; Aburaki, Shimpei; Narita, Yukio; Okumura, Jun; and Naito, Takayuki, 4,500,526, Cl. 514-226.000.

Kamachi, Hajime; Okumura, Jun; Naito, Takayuki; Oka, Masahisa; and Yamashita, Haruhiro, 4,507,487, Cl. 548-194.000.

Okumura, Junji: *See*—

Ishida, Keiichi; Okumura, Junji; and Agetsuma, Fumio, 4,534,506, Cl. 236-35.300.

Okumura, Katsuya; Shinki, Toshinori; Sato, Takashi; and Ueda, Masaaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing semiconductor device. 4,502,210, 3-5-85, Cl. 29-591.000.

Okumura, Katsuya; and Ueda, Masaaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of forming electrode/wiring layer. 4,538,344, 9-3-85, Cl. 29-589.000.

Okumura, Katsuya; and Miyoshi, Motosuke, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor element. 4,562,455, 12-31-85, Cl. 357-71.000.
Okumura, Kohichiro, to Nippon Electric Co., Ltd. Memory circuit. 4,520,463, 5-28-85, Cl. 365-189.000.
Okumura, Kunio; Fukuyama, Yasuo; and Tanaka, Atsuo, to Yamauchi Rubber Industry Co., Ltd. Magnetic rolls for electrostatic recording devices. 4,517,719, 5-21-85, Cl. 29-124.000.
Okumura, Masamitsu: *See—*
  Osawa, Tadao; Nakagawa, Toru; Okumura, Masamitsu; Kohno, Takashige; and Sakuma, Tokihiko, 4,532,904, Cl. 123-439.000.
Okumura, Masatoshi, to Shin Nisso Kako Co., Ltd. Process for preparing molded silicon carbide product. 4,560,526, 12-24-85, Cl. 264-328.200.
Okumura, Masumi: *See—*
  Yamamoto, Tamio; Kobayashi, Tsukasa; Hirakawa, Tadashi; Yoshida, Makoto; and Okumura, Masumi, 4,496,583, Cl. 428-288.000.
Okumura, Mitsuhiro; Naya, Eizo; and Demizu, Michinosuke, to Mitsubishi Denki Kabushiki Kaisha. Contact material for vacuum circuit breaker. 4,517,033, 5-14-85, Cl. 148-432.000.
Okumura, Mitsuhiro; Naya, Eizo; Yorita, Mitsumasa; and Takeya, Yasushi, to Mitsubishi Denki Kabushiki Kaisha. Contact material for vacuum circuit interrupter. 4,540,861, 9-10-85, Cl. 200-144.00B.
Okumura, Mitsuhiro: *See—*
  Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.
  Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.
Okumura, Norio: *See—*
  Imai, Fusao; and Okumura, Norio, 4,525,420, Cl. 428-372.000.
Okumura, Ryuichi; Dohi, Hidemi; and Togawa, Shingo, to Sanyo Electric Co., Ltd.; and Tottori Sanyo Electric Co., Ltd. Serial printer with ink roller. 4,541,748, 9-17-85, Cl. 400-470.000.
Okumura, Shigeo, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Advancing mechanism for internal combustion engines. 4,492,198, 1-8-85, Cl. 123-413.000.
Okumura, Tadashi: *See—*
  Funyu, Yutaka; Okumura, Tadashi; Monno, Asao; and Shimizu, Masami, 4,491,771, Cl. 250-358.100.
Okumura, Takeo: *See—*
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  Arimura, Hirofumi; Uemura, Yahiro; and Okuno, Yoshiomi, 4,555,401, Cl. 424-89.000.
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  Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.
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  Matsuda, Hideaki; and Saheki, Takasi, 4,504,318, Cl. 106-90.000.
  Okamoto, Takanori; Mori, Hisakazu; and Matsuda, Hideaki, 4,510,270, Cl. 523-176.000.
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  Doi, Hidemi; Okamoto, Takanori; and Matsuda, Hideaki, 4,548,992, Cl. 525-167.000.
Okura, Masahiko. Cable clamp. 4,542,562, 9-24-85, Cl. 24-136.00R.
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  Nishio, Etsuro; and Okura, Zenichi, 4,505,564, Cl. 354-270.000.
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  Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.
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Mochizuki, Akihiro; Ikegami, Kasumi; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,547,309, Cl. 252-299.630.

Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,513,075, Cl. 430-108.000.

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Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,555,466, Cl. 430-106.600.

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Kondo, Kazuo; and Okuyama, Masahiko, 4,540,671, Cl. 501-9.000.

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Yoshida, Jituo; Okuyama, Shigeaki; and Suzuki, Hiroshi, 4,519,193, Cl. 56-328.00R.

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Lewis, Charles, Jr.; Olander, Jitka V.; and Tolbert, William R., 4,533,496, Cl. 260-112.00R.

Olander, John W., to Westland Foods Corporation. Bacon bit finishing method. 4,552,768, 11-12-85, Cl. 426-480.000.

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Urresti, Jose E. A., 4,520,956, Cl. 227-120.000.

Olbrich, Hazel C.; and O'Rear, Dennis J., to Chevron Research Company. Process for preparing olefins at high pressure. 4,502,945, 3-5-85, Cl. 208-120.000.

Olcott, Robert S., Jr., to Armstrong World Industries, Inc. Two-ply spinning cots. 4,550,478, 11-5-85, Cl. 29-130.000.

Old, Lloyd J.: *See—*

Pukel, Clifford S.; Lloyd, Kenneth O.; Travassos, Luiz R.; Dippold, Wolfgang G.; Oettgen, Herbert F.; and Old, Lloyd J., 4,507,391, Cl. 436-504.000.

Real, Francisco X.; Mattes, M. Jules; Houghton, Alan N.; Livingston, Philip O.; Lloyd, Kenneth O.; Oettgen, Herbert F.; and Old, Lloyd J., 4,562,160, Cl. 436-539.000.

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Older, Geoffrey I.; and Webb, Leigh S., to Air Products and Chemicals, Inc. Freezer. 4,499,740, 2-19-85, Cl. 62-374.000.

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Oldfield, Peter M., to Easy Ride, Inc. Back rest cushion. 4,535,495, 8-20-85, Cl. 5-432.000.

Oldham, James A.: *See—*

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Oldham, Keith: *See—*

Yellin, Tobias O.; Gilman, David J.; Edwards, Philip N.; Large, Michael S.; Jones, Derrick F.; and Oldham, Keith, 4,496,571, Cl. 514-340.000.

Oldham, Susan L., to Hughes Aircraft Company. Heat curable polyglycidyl aromatic amine encapsulants. 4,559,272, 12-17-85, Cl. 428-418.000.

Oldland, Sidney R. D.: *See—*

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Olds, Delbert L.: *See—*

Brod, William B.; Coppala, George H.; and Olds, Delbert L., 4,557,904, Cl. 422-146.000.

Olds, John R.; and Alt, Mark R., to Abex Corporation. Snubber for dipper door. 4,517,756, 5-21-85, Cl. 37-118.00R.

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O'Leary, Raymond P., to S&C Electric Company. Electrical contact assembly for a current interrupting unit. 4,491,707, 1-1-85, Cl. 200-149.00R.

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Hall, Walter J.; and O'Leary, Raymond P., 4,562,324, Cl. 200-260.000.

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- Oleck, Stephen M.: *See—*
  - Angevine, Philip J.; Oleck, Stephen M.; Wilson, Robert C., Jr.; and Mizrahi, Sadi, 4,519,900, Cl. 208-254.00H.
- Oledal, Bo J. M.: *See—*
  - Svensson, Sven A.; Oledal, Bo J. M.; and Lofgren, Stig-Gunnar E., 4,559,986, Cl. 144-208.00B.
- Olelind, Eskil K.: *See—*
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- Olener, Joel L.; and Walker, Leigh E., to Occidental Chemical Corporation. Graft polymers of polymerizable monomers and olefin polymers. 4,536,545, 8-20-85, Cl. 525-75.000.
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  - Mayhew, Raymond L.; and O'Lenick, Anthony J., 4,503,002, Cl. 260-945.000.
- Olenick, Ralph W. Flexible, extensible robot arm. 4,551,061, 11-5-85, Cl. 414-735.000.
- Olesen, Jorgen E. Transparent panel for curved walls in revolving doors. 4,516,369, 5-14-85, Cl. 52-204.000.
- Olesen, Lykke; and Lindgren, Bo. Data transmission device. 4,559,536, 12-17-85, Cl. 340-825.070.
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- Olesen, Ralph C.; Sainati, Robert A.; Gropelli, John J., Jr.; and Stanland, Andrew J., to United States of America, Navy. Quadrifilar helix antenna tuning using pin diodes. 4,554,554, 11-19-85, Cl. 343-895.000.
- Olesin, Andrew S.: *See—*
  - Smith, Michael D.; Olesin, Andrew S.; and Whatley, Roger A., 4,504,747, Cl. 307-475.000.
- Olfert, Abram J. Bale discharge pressure plate. 4,516,492, 5-14-85, Cl. 100-192.000.
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  - Ashok, Sankaranarayanan; and Breedis, John F., 4,555,272, Cl. 148-3.000.
  - Boudakian, Max M., 4,521,603, Cl. 546-304.000.
  - Breedis, John F.; and Fister, Julius C., 4,498,121, Cl. 361-401.000.
  - Breedis, John F.; and Fister, Julius C., 4,500,028, Cl. 228-117.000.
  - Butt, Sheldon H., 4,491,622, Cl. 428-632.000.
  - Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, 4,521,469, Cl. 428-35.000.
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  - Butt, Sheldon H., 4,542,259, Cl. 174-52.0FP.
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  - Casberg, John M., 4,546,503, Cl. 4-496.000.
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  - Dardis, Richard E., 4,509,597, Cl. 166-274.000.
  - Dory, Thomas S., 4,561,862, Cl. 44-57.000.
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  - Fiorucci, Louis C.; and Gregory, Kevin M., 4,517,164, Cl. 423-184.000.
  - Fister, Julius C.; and Breedis, John F., 4,500,605, Cl. 428-469.000.
  - Ford, James M.; Dean, Robert A.; Woodard, Kenneth E., Jr.; and Branco, Antonio, 4,500,379, Cl. 156-172.000.
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  - Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., 4,512,701, Cl. 414-101.000.
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  - Gasper, Kenneth E.; and Ehrhart, Raymond G., 4,549,853, Cl. 417-53.000.
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  - Harrison, Charles H., 4,554,172, Cl. 427-12.000.
  - Henderson, Richard; Rothgery, Eugene F.; and Schroeder, Hansjuergen A., 4,496,559, Cl. 514-188.000.
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  - Kaczur, Jerry J.; Iacoviello, Steven A.; and Miller, Edward G., 4,508,602, Cl. 204-95.000.
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  - Katz, Lawrence E.; and Dumas, Richard H., 4,504,667, Cl. 546-345.000.
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  - Kraus, Theodore C., 4,496,529, Cl. 423-365.000.
  - Lange, Paul H., Jr., 4,496,761, Cl. 564-37.000.
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  - Meatto, Franklin D.; and Pilpel, Edward D., 4,545,597, Cl. 280-610.000.
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  - Miles, Ronald C., 4,548,694, Cl. 204-257.000.
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  - O'Connor, James M.; Kraus, Theodore C.; and Schnabel, Wilhelm J., 4,522,975, Cl. 524-702.000.
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  - Parthasarathi, Arvind; and Polan, Ned W., 4,549,941, Cl. 204-27.000.
  - Parthasarathi, Arvind, 4,551,210, Cl. 204-28.000.
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  - Pilpel, Edward; and Meatto, Franklin, 4,498,686, Cl. 280-610.000.
  - Polan, Ned W.; and Chao, Chung-Yao, 4,515,671, Cl. 204-228.000.
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  - Raynor, Robert J., 4,548,973, Cl. 524-102.000.
  - Saeman, Walter C., 4,504,457, Cl. 423-474.000.
  - Sandel, Bonnie B., 4,521,325, Cl. 252-77.000.
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- Schiessl, Henry W., 4,512,909, Cl. 252-188.280.
- Shapiro, Eugene; and Mandigo, Frank N., 4,511,410, Cl. 148-13.200.
- Shen, Ming, 4,515,958, Cl. 548-251.000.
- Smith, Maurice R.; and Cochran, Harvey B., 4,518,760, Cl. 528-48.000.
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- Tyler, Derek E.; and Yarwood, John C., 4,515,630, Cl. 75-53.000.
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- Ungarean, Gary L.; and Yarwood, John C., 4,522,247, Cl. 164-150.000.
- Weaver, Otha G., Jr., 4,548,696, Cl. 204-290.00R.
- Weinstein, Paul; and Winter, Joseph, 4,491,463, Cl. 65-2.000.
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- Woodard, Kenneth E., Jr.; and Dotson, Ronald L., 4,513,904, Cl. 228-116.000.
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- Wright, David B.; and Sharpe, Brian, 4,512,853, Cl. 204-1.00T.
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- Yeager, Howard L.; and Malinsky, J. David, 4,545,863, Cl. 204-1.00T.

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- Jackson, Ronald M.; Olin, Daniel C.; and Anderson, Russell Y., 4,560,981, Cl. 340-747.000.

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- Meitzner, Erich F.; and Oline, James A., 4,501,826, Cl. 521-29.000.

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Olinger, John L.; and Srinivasan, Seshadri, to Owens-Corning Fiberglas Corporation. Gas injection in fiber forming. 4,526,597, 7-2-85, Cl. 65-1.000.

Olins, Richard C., to Diesel Equipment Limited. Locking tail-gate assembly. 4,529,351, 7-16-85, Cl. 414-545.000.

Oliphant, Andrew, to British Broadcasting Corporation. Color television systems. 4,543,598, 9-24-85, Cl. 358-11.000.

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- Olive, Jerrel W., 4,497,124, Cl. 40-2.00R.

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Oliveau, Olivier; and Blanc, Claude, to Societe Nationale Elf Aquitaine. Enrichment in hydrogen sulphide of gases containing it. 4,519,991, 5-28-85, Cl. 423-220.000.

Oliver, Arthur B., to Texas Instruments Incorporated. Push pull output RC oscillator with frequency compensation. 4,549,150, 10-22-85, Cl. 331-111.000.

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Oliver, Donald W.; and Fertl, Walter H., to Dresser Industries, Inc. Method and apparatus for identifying vanadium in earth formations. 4,507,553, 3-26-85, Cl. 250-270.000.

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- Hiestand, Wilfred; and Oliver, Everett O., 4,498,512, Cl. 144-2.00R.

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Oliver, James D., Jr., to General Electric Company. Simultaneously doped light-emitting diode formed by liquid phase epitaxy. 4,507,157, 3-26-85, Cl. 148-171.000.

Oliver, Janet L.: *See—*
- Oliver, Wayne H.; and Oliver, Janet L., 4,505,085, Cl. 52-582.000.

Oliver, John E., Jr.; and Singer, Arnold M. Chemically cleaning drilling/completion/packer brines. 4,515,699, 5-7-85, Cl. 252-8.55R.

Oliver, John E., Jr.; and Singer, Arnold M. Chemically cleaning aqueous fluid of insoluble solids. 4,528,102, 7-9-85, Cl. 210-705.000.

Oliver, Kirk D.; and Wolff, David A., to Motorola, Inc. Inductorless pincushion correction circuit. 4,496,882, 1-29-85, Cl. 315-371.000.

Oliver, Larry R., to Dayco Corporation. Method of making an endless power transmission belt construction. 4,510,003, 4-9-85, Cl. 156-137.000.

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- Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,494,947, Cl. 474-251.000.
- Miranti, Joseph P., Jr.; Oliver, Larry R.; and Johnson, Clyde O., 4,533,342, Cl. 474-201.000.
- Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,559,029, Cl. 474-251.000.
- Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.

Oliver, Michael. Method of providing infinitely adjustable eccentric motion from a rotary motion. 4,538,336, 9-3-85, Cl. 29-426.600.

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- Wnuk, Paul A.; Hamilton, Thomas J.; Trassare, Anthony, Jr.; and Oliver, Michael J., 4,516,891, Cl. 410-154.000.

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Oliver, Ronald A. Replacement spool for rotating line vegetation cutter. 4,550,498, 11-5-85, Cl. 30-276.000.

Oliver, Roy N., to Medeco Security Locks, Inc. Guard for key cylinder. 4,530,223, 7-23-85, Cl. 70-417.000.

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Oliver, Wayne H.; and Oliver, Janet L. Split panel assembly. 4,505,085, 3-19-85, Cl. 52-582.000.

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- Jung, Frederic H.; Olivier, Annie A.; and Loftus, Frank, 4,547,573, Cl. 544-27.000.

Olivieri, Icaro, to Icaro Olivieri & C. S.p.A. Ski boot with a device for registering its axial orientation in regard to the ski. 4,499,674, 2-19-85, Cl. 36-117.000.

Olivieri, Oliviero, to Icaro Olivieri & C. S.p.A. Ski-boot fastening device with an adjustable-length tie rod for varying the tension of the fastening under load. 4,541,147, 9-17-85, Cl. 24-68.0SK.

Olivieri, Oliviero, to Icaro Olivieri & C. S.p.A. Sprocket device for the fastening of ski-boots. 4,547,980, 10-22-85, Cl. 36-50.000.

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Olmsted, Bruce E., to JSJ Corporation. Drop-in type shifter with displaced shift stick. 4,515,032, 5-7-85, Cl. 74-473.00R.

Olmsted, Daniel C.; and Kroll, Quin D., to Dover Corporation. Liquid level control having improved instrument air valve. 4,543,979, 10-1-85, Cl. 137-315.000.
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Olmsted, Dennis R.; and Stevens, Eric S., to Data Electronics, Inc. Tape cartridge drive with movable read/write head. 4,559,571, 12-17-85, Cl. 360-105.000.
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Olsen, James E.: *See*—
  Brownbill, George A.; and Olsen, James E., 4,561,463, Cl. 137-596.130.
Olsen, John H.; and Mordre, Sigurd C., to Flow Industries, Inc. High pressure liquid piston pump. 4,536,135, 8-20-85, Cl. 417-383.000.
Olsen, Kolbjorn. Adapter plug for current supply rail systems. 4,493,519, 1-15-85, Cl. 339-75.00M.
Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., to Nash Engineering Company, The. Noise control for conically ported liquid ring pumps. 4,521,161, 6-4-85, Cl. 417-68.000.
Olsen, Ole B.; Bilik, Charles W.; Johnson, Herbert H.; and Jozepaitis, Charles M., to Nash Engineering Company, The. Noise control for conically ported liquid ring pumps. 4,551,070, 11-5-85, Cl. 417-68.000.
Olsen, Perry C., to RCA Corporation. Tuning coil structure. 4,531,109, 7-23-85, Cl. 336-87.000.
Olsen, R. Eric: *See*—
  Bert, Jack A.; and Olsen, R. Eric, 4,517,943, Cl. 123-415.000.
Olsen, Ralph A.; and Cuthbertson, Robert H., to United States of America, Navy. Linked-spar motion-compensated lifting system. 4,543,070, 9-24-85, Cl. 441-5.000.
Olsen, Richard E.; and Baker, Dwight C., to Digital Equipment Corporation. CPU with multi-stage mode for defining CPU operating environment including charging its communications protocol. 4,519,028, 5-21-85, Cl. 364-200.000.
Olsen, Robert A., to Sybron Corporation. Swivel hose coupling for dental handpiece or the like. 4,541,802, 9-17-85, Cl. 433-126.000.
Olsen, Robert A., to Sybron Corporation. Low torsional restraint instrument handpiece hose. 4,553,938, 11-19-85, Cl. 433-126.000.
Olsen, Robert C.: *See*—
  Edwards, Bryant; Klygis, M. Julius; and Olsen, Robert C., 4,520,924, Cl. 206-150.000.
  Weaver, William N.; and Olsen, Robert C., 4,557,375, Cl. 206-151.000.
Olsen, Robert W.: *See*—
  Bartlett, Gary F.; and Olsen, Robert W., 4,506,484, Cl. 52-476.000.
Olsen, Ronald H., to Microlife Technics, Inc. Gene splicing method and products produced therefrom. 4,508,823, 4-2-85, Cl. 435-172.300.
Olsen, Ronald H., to Microlife Technics, Inc. Pseudomonas degradation of hydrocarbons. 4,508,824, 4-2-85, Cl. 435-172.300.
Olsen, Ronald H., to Microlife Technics, Inc. Molecular cloning vectors for use in gram-negative bacteria. 4,508,827, 4-2-85, Cl. 435-253.000.
Olsen, Ronald H.: *See*—
  Colaruotolo, Joseph F.; Olsen, Ronald H.; and Vandenbergh, Peter A., 4,493,895, Cl. 435-262.000.
Olsen, Roy W.; and Bell, Curtis H., to Goodyear Tire & Rubber Company, The. Apparatus for making a hose having an index mark. 4,561,838, 12-31-85, Cl. 425-387.100.
Olsen, Steffen C.; and Vinther, Arne, to Kemisk Vaerk Koge A/S. Arylide azopigments formed by coupling a diazoryl compound with an omega-ammoniumacetoactic acid derivative. 4,497,735, 2-5-85, Cl. 534-603.000.
Olsen, Sten O., to A/S Kongsberg Vapenfabrikk. Ram air turbines. 4,540,337, 9-10-85, Cl. 415-141.000.
Olsen, Thomas O., to Otto Fabric, Inc. Method of transporting uncured RTV silicone rubber. 4,528,799, 7-16-85, Cl. 53-432.000.
Olsen, Torbjorn. Holder, especially for a drill chuck key. 4,558,495, 12-17-85, Cl. 24-298.000.
Olsen, Willi; Padderatz, Heinz; Palm, Joachim; and Pircher, Christian, to Siemens Aktiengesellschaft. Encapsulated, compressed-gas-insulated, high-voltage switching installation. 4,514,783, 4-30-85, Cl. 361-336.000.
Olsen, Willi: *See*—
  Lorenz, Dieter; and Olsen, Willi, 4,493,009, Cl. 361-341.000.
  Lorenz, Dieter; and Olsen, Willi, 4,559,424, Cl. 200-146.00R.
Olsen, William A. Golf swing training club. 4,511,147, 4-16-85, Cl. 273-193.00A.
Olshansky, Alexis; and Guild, Gerald A., to Beloit Corporation. Motor driven slitter of narrow configuration. 4,520,704, 6-4-85, Cl. 83-499.000.
Olson, Archie H.: *See*—
  Johnson, Warren K.; Goettsch, Michael R.; and Olson, Archie H., 4,519,714, Cl. 366-285.000.
Olson, Arne M.: *See*—
  Loeb, Marvin P.; and Olson, Arne M., 4,525,164, Cl. 604-131.000.
Olson, Carl G. Roller apparatus for a flexible web. 4,525,946, 7-2-85, Cl. 40-514.000.
Olson, Charles L.; and Monahan, John F., to RCA Corporation. Black level clamp for television signals. 4,513,321, 4-23-85, Cl. 358-172.000.
Olson, Daniel R.; and Webb, Karen K., to General Electric Company. Method of preparing curable coating composition from alcohol, colloidal silica, silylacrylate and multiacrylate monomer. 4,491,508, 1-1-85, Cl. 204-159.130.
Olson, Daniel R.; and O'Donnell, Timothy W., to General Electric Company. Acrylate-containing mixed ester monomers and polymers thereof useful as capacitor dielectrics. 4,513,349, 4-23-85, Cl. 361-311.000.
Olson, Daniel R.; and O'Donnell, Timothy W., to General Electric Company. Polyfunctional acrylate monomers and polymers thereof useful as capacitor dielectrics. 4,515,931, 5-7-85, Cl. 526-323.200.
Olson, Daniel R.; and O'Donnell, Timothy W., to General Electric Company. Abrasion-resistant resinous articles. 4,533,595, 8-6-85, Cl. 428-336.000.
Olson, Daniel R.; and O'Donnell, Timothy W., to General Electric Company. 1,2-Alkanediol diacrylate monomers and polymers thereof useful as capacitor dielectrics. 4,533,710, 8-6-85, Cl. 526-323.200.

Olson, Daniel R., to General Electric Company. UV-Stabilized coated polyester-carbonate articles and process. 4,556,606, 12-3-85, Cl. 428-412.000.
Olson, Daniel R.: *See—*
  O'Donnell, Timothy W.; and Olson, Daniel R., 4,520,074, Cl. 428-412.000.
Olson, Darrel L. Hand grip and stirrup support device for bareback horse riding. 4,506,496, 3-26-85, Cl. 54-44.000.
Olson, David H.: *See—*
  Haag, Werner O.; Olson, David H.; and Rodewald, Paul G., 4,508,836, Cl. 502-53.000.
Olson, David L.; and Marquez, Alfredo D., to Research Corporation. Cast iron welding materials and method. 4,534,793, 8-13-85, Cl. 75-123.00N.
Olson, David R.: *See—*
  Wilson, Michael E.; Olson, David R.; Stone, Walter H.; and MacDonald, Robin B., 4,502,956, Cl. 210-248.000.
Olson, David V. Tool caddy. 4,508,221, 4-2-85, Cl. 206-379.000.
Olson, Donald C., to Shell Oil Company. Removal of H_2S from gaseous streams. 4,540,561, 9-10-85, Cl. 423-573.00R.
Olson, Donald M.; Jackson, Norman L.; and Tong, Jerry E., to Advanced Semiconductor Materials America, Inc. Article handling apparatus and method. 4,557,657, 12-10-85, Cl. 414-180.000.
Olson, Douglas R.: *See—*
  McClelland, John R.; Wright, Wade S.; Diamond, Edward P.; Pryor, Leroy C.; and Olson, Douglas R., 4,504,957, Cl. 373-130.000.
Olson, Edward A. Pet litter collecting device. 4,500,125, 2-19-85, Cl. 294-1.0BA.
Olson, Edwin G.: *See—*
  Varallo, Thomas P.; Ervine, Albert W. G.; Duffy, Joseph J.; and Olson, Edwin G., 4,514,956, Cl. 53-148.000.
Olson, Elwyn H., to Honeywell Inc. Differential temperature control. 4,491,821, 1-1-85, Cl. 337-307.000.
Olson, Elwyn H., to Honeywell Inc. Electromagnetic relay having dual acting armature. 4,542,360, 9-17-85, Cl. 335-203.000.
Olson, Elwyn H.: *See—*
  Dietiker, Paul; Kim, Yong C.; Nelson, Marvin D.; and Olson, Elwyn H., 4,543,974, Cl. 137-66.000.
  Dietiker, Paul; Olson, Elwyn H.; and Torborg, Ralph H., 4,547,144, Cl. 431-20.000.
Olson, Gene E.; Stout, Christopher B.; Grover, Donald D.; and Becker, Thomas P., to Snap-on Tools Corporation. Adapter for converting luminosity signals into inductive signals. 4,506,546, 3-26-85, Cl. 73-119.00A.
Olson, Glenn O.: *See—*
  Bannink, Engbert T., Jr.; and Olson, Glenn O., 4,502,092, Cl. 361-218.000.
Olson, Harlan W.; and Hall, Patrick L. Outboard motor steering control system. 4,559,889, 12-24-85, Cl. 114-153.000.
Olson, Harold D.; Addison, Charles; and Cagle, J. Douglas, to Cagles', Inc. Apparatus for processing poultry. 4,513,476, 4-30-85, Cl. 17-44.100.
Olson, Harold J.: *See—*
  Lerner, Edward M.; and Olson, Harold J., 4,549,274, Cl. 364-492.000.
Olson, Harry W.; and Olson, Phillip A., to Littelfuse, Inc. Miniature thermal switch and method of making the same. 4,533,897, 8-6-85, Cl. 337-408.000.
Olson, Jay. Method and apparatus for obtaining a concentrated extract from liquid smoke. 4,551,339, 11-5-85, Cl. 426-384.000.
Olson, John T., to Economics Laboratory, Inc. Fluid system control apparatus and method. 4,511,311, 4-16-85, Cl. 417-5.000.
Olson, Keith D. Folding mechanic's work dolly. 4,542,806, 9-24-85, Cl. 182-152.000.
Olson, Kenneth C.; and Pai, Rong-Chang, to Genentech, Inc. Purification and activity assurance of precipitated heterologous proteins. 4,511,503, 4-16-85, Cl. 260-112.00R.
Olson, Kenneth C., to Genentech, Inc. Purification and activity assurance of precipitated heterologous proteins. 4,518,526, 5-21-85, Cl. 260-112.00R.
Olson, Kenneth C.: *See—*
  Jones, Andrew J. S.; Olson, Kenneth C.; and Shire, Steven J., 4,512,922, Cl. 260-112.00R.
Olson, Kurt G.; Das, Suryya K.; and Dowbenko, Rostyslaw, to PPG Industries, Inc. Cross-linked polymeric microgel prepared from polymerizing epoxy-containing monomer in the presence of an acid. 4,540,740, 9-10-85, Cl. 524-811.000.
Olson, Leonard T.: *See—*
  Ecker, Mario E.; and Olson, Leonard T., 4,549,200, Cl. 357-80.000.
Olson, Marvin. Apparatus for converting flow of water into electrical power. 4,516,033, 5-7-85, Cl. 290-54.000.
Olson, Paul B.; Minday, Richard M.; and Cooley, Julian B., to Minnesota Mining and Manufacturing Company. Hollow zeolite-containing particles useful as refining catalysts. 4,546,090, 10-8-85, Cl. 502-69.000.
Olson, Peter D.; and Hawes, Samuel R., Jr., to Octel Communications, Inc. Tone detection system and method. 4,521,647, 6-4-85, Cl. 179-84.0VF.
Olson, Peter K.: *See—*
  Kwech, Horst; and Olson, Peter K., 4,543,861, Cl. 82-4.00C.
Olson, Phillip A.: *See—*
  Olson, Harry W.; and Olson, Phillip A., 4,533,897, Cl. 337-408.000.
Olson, Raymond G., to Baxter Travenol Laboratories, Inc. Miniature infusion pump. 4,504,200, 3-12-85, Cl. 417-476.000.
Olson, Raymond G., to Baxter Travenol Laboratories, Inc. Pressure pump having jaws and end-slots. 4,540,351, 9-10-85, Cl. 417-476.000.
Olson, Raymond N., to Sundstrand Corporation. Liquid cooled high speed synchronous machine. 4,514,652, 4-30-85, Cl. 310-54.000.
Olson, Robert A.; and Ross, Patrick D., to Elxsi. Improved disk file allocation and mapping system utilizing cylinder control blocks and file map having unbalanced tree structure. 4,536,837, 8-20-85, Cl. 364-200.000.
Olson, Robert H., to Mobil Oil Corporation. Fastening apparatus for twist ties. 4,529,636, 7-16-85, Cl. 428-40.000.
Olson, Roger; and Versic, Ronald J., to Nova Tran Corporation. Method and apparatus for microencapsulation. 4,508,760, 4-2-85, Cl. 427-213.340.
Olson, Rohn L.: *See—*
  Kumar, Viraraghavan S.; and Olson, Rohn L., 4,494,726, Cl. 251-29.000.
Olson, Roy E., to Rockwell International Corporation. Rounded-end protuberances for field-emission cathodes. 4,551,649, 11-5-85, Cl. 313-336.000.
Olson, Samson A.; and Williams, George C., to Hypex, Incorporated. Hydraulic pumping unit. 4,503,752, 3-12-85, Cl. 91-48.000.
Olson, Scott B. Skate having an adjustable blade or wheel assembly. 4,492,385, 1-8-85, Cl. 280-7.130.
Olson, Sharon; and Zoss, Robert, to General Mills, Inc. Fried foods of reduced oil absorption and methods of preparation employing spray of film forming agent. 4,511,583, 4-16-85, Cl. 426-89.000.
Olson, Thor F.: *See—*
  Sampson, Stephen A.; and Olson, Thor F., 4,503,611, Cl. 29-845.000.
Olson, Walter H., to Medtronic, Inc. Stroke volume controlled pacer. 4,535,774, 8-20-85, Cl. 128-419.0PG.
Olson, Wayne L.: *See—*
  Schmidt, Terrance L.; and Olson, Wayne L., 4,528,728, Cl. 24-241.00P.
  Schmidt, Terrance L.; and Olson, Wayne L., 4,528,729, Cl. 24-241.00P.
Olson, William J. Continuous forms leader. 4,545,517, 10-8-85, Cl. 226-92.000.
Olson, Winston O. Eviscerating and survival tool. 4,528,751, 7-16-85, Cl. 30-144.000.
Olsson, Aron, to Scanpump AB. Variable fluid flow restricting throttle. 4,552,178, 11-12-85, Cl. 137-625.460.
Olsson, Bengt G. Transistor amplifier. 4,538,117, 8-27-85, Cl. 330-277.000.
Olsson, Bertil: *See—*
  Olsson, John; Olsson, Bertil; and Olsson, Gunnar, 4,548,187, Cl. 123-557.000.
Olsson, Billy E., to AMP Incorporated. Connector for printed circuit boards. 4,534,606, 8-13-85, Cl. 339-75.00M.
Olsson, Billy E., to AMP Incorporated. Interposer connector for surface mounting a ceramic chip carrier to a printed circuit board. 4,558,397, 12-10-85, Cl. 361-404.000.
Olsson, Billy E., to AMP Incorporated. High density zero insertion force connector. 4,560,221, 12-24-85, Cl. 339-75.0MP.
Olsson, Frank C.: *See—*
  Cohn, Robert J.; Olsson, Frank C.; Holzman, James W.; and Santarelli, Paul, 4,550,956, Cl. 312-250.000.
Olsson, Gunnar: *See—*
  Olsson, John; Olsson, Bertil; and Olsson, Gunnar, 4,548,187, Cl. 123-557.000.
Olsson, Ingemar; Ottosson, Goran; and Sinner, Bengt, to ASEA Aktiebolag. Method of controlling a web winding process. 4,496,112, 1-29-85, Cl. 242-66.000.
Olsson, Ingemar, to ASEA Aktiebolag. Length measuring during rolling up of thin material. 4,535,949, 8-20-85, Cl. 242-57.000.
Olsson, Jan. Enclosure for animals. 4,494,733, 1-22-85, Cl. 256-10.000.
Olsson, Jan G.; and Samuelsson, Lars Erik. Method and apparatus for molding plastic wheels. 4,497,766, 2-5-85, Cl. 264-328.800.
Olsson, John; Olsson, Bertil; and Olsson, Gunnar, to J-Jet Konstruktions. Internal combustion engine for alternative fuels. 4,548,187, 10-22-85, Cl. 123-557.000.
Olsson, Mark S. Quick release weight belt and buckle therefor. 4,501,027, 2-26-85, Cl. 2-321.000.
Olsson, Mats A.; and Sandstrom, Roland, to Infrasonik AB. Low-frequency sound generator. 4,517,915, 5-21-85, Cl. 116-137.00R.
Olsson, Nils O.: *See—*
  Hale, Richard A.; Olsson, Nils O.; and Reiff, Thomas F., 4,526,377, Cl. 277-9.000.
Olsson, Stefan; and Widenback, Ralph, to Unifos Kemi AB. Process for blowing film from linear thermoplastic material. 4,511,530, 4-16-85, Cl. 264-564.000.
Olsson, Sven, to Nestec S.A. Squid trimming apparatus. 4,545,092, 10-8-85, Cl. 17-71.000.
Olsson, Sven-Gunnar; Jonson, Bjorn; and Neuman, Hanna, to Siemens Aktiengesellschaft. Process and apparatus for mixing gases in a specific proportion and dosing the resultant gas mixture. 4,526,188, 7-2-85, Cl. 137-3.000.
Olstowski, Franciszek; and Peffley, Richard D., to Dow Chemical Company, The. Non-aqueous urea-polyether gel compositions and a method for their preparation. 4,521,330, 6-4-85, Cl. 252-51.50R.
Olszewski, Anthony R.: *See—*
  Hoda, Syed N.; and Olszewski, Anthony R., 4,559,264, Cl. 428-324.000.
Olszewski, Douglas J.: *See—*
  Sabatino, Anthony; Orlando, Daniel; and Olszewski, Douglas J., 4,497,604, Cl. 414-131.000.

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Olt, Arthur E., Jr.: *See—*
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Oltarzewski, Edward S.: *See—*
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  Munteanu, Marina A.; Oltarzewski, Edward S.; Shechter, Leon; and Warren, Craig B., 4,548,764, Cl. 261-75.000.
Oltmann, Harold D.: *See—*
  Sacks, William; Sibilia, John P.; Kotliar, Abraham M.; Oltmann, Harold D.; and Chen, Shu P., 4,528,235, Cl. 428-220.000.
Oltmanns, Heinrich: *See—*
  Nonnenmann, Manfred; Oltmanns, Heinrich; and Hohhausel, Manfred, 4,521,947, Cl. 29-157.00R.
Oltmanns, Roger W., Jr.: *See—*
  Gumkowski, Bert A.; and Oltmanns, Roger W., Jr., 4,560,037, Cl. 188-73.380.
Olumpus Optical Co., Ltd.: *See—*
  Kimura, Kenji, 4,517,611, Cl. 360-33.100.
Olver, Terence E., to Westinghouse Electric Corp. Adaptive feedforward cancellation technique that is effective in reducing amplifier harmonic distortion products as well as intermodulation distortion products. 4,560,945, 12-24-85, Cl. 330-149.000.
Olympia Werke AG: *See—*
  Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,528,573, Cl. 346-108.000.
  Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,532,526, Cl. 346-107.00R.
  Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,532,527, Cl. 346-108.000.
  Behrens, Herbert; Schmitt, Jurgen; Marx, Rainer; Heidemann, Helmut; and Schipper, Gerhard, 4,553,148, Cl. 346-107.00R.
  Frerichs, Klaus-Dieter, 4,496,959, Cl. 346-140.00R.
  Lange, Heinz; Rix, Albert; and Drogi, Dieter, 4,500,219, Cl. 400-568.000.
  Pokorny, Cornel; and Brendes, Horst, 4,511,267, Cl. 400-110.000.
  Tillich, Peter, 4,560,980, Cl. 340-727.000.
Olympian Stone Company: *See—*
  Donatt, Norman L., 4,531,338, Cl. 52-235.000.
Olympic Fastening Systems: *See—*
  Hein, James R., 4,552,010, Cl. 72-391.000.
Olympic Narrow Fabrics Company, Inc.: *See—*
  Vailati, Tony; and Murray, Joseph A., 4,551,994, Cl. 66-193.000.
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  Kinoshita, Kunio, 4,550,716, Cl. 128-6.000.
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  Aoki, Masahiro, 4,500,189, Cl. 354-407.000.
  Asoma, Yoshito, 4,505,553, Cl. 350-414.000.
  Asoma, Yoshito, 4,537,472, Cl. 350-414.000.
  Banno, Taichi; Hijikata, Kazuo; and Takekawa, Hiroshi, 4,498,730, Cl. 356-414.000.
  Endo, Itaru, 4,544,236, Cl. 350-247.000.
  Fujibayashi, Kenji, 4,494,158, Cl. 360-69.000.
  Fujibayashi, Kenji, 4,536,808, Cl. 360-74.200.
  Fujibayashi, Kenji, 4,542,421, Cl. 360-67.000.
  Fujibayashi, Kenji, 4,556,919, Cl. 360-74.100.
  Fujii, Tooru, 4,504,125, Cl. 350-427.000.
  Fujii, Toru, 4,529,286, Cl. 354-402.000.
  Fukuoka, Kenji, 4,514,083, Cl. 356-1.000.
  Fukuoka, Kenji; Ida, Masatoshi; Goto, Atsuo; Akagi, Toshimasa; Imai, Masaharu; and Kimura, Kenji, 4,518,863, Cl. 250-578.000.
  Furuta, Kenji, 4,546,399, Cl. 360-137.000.
  Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taichi; and Manabe, Sugio, 4,517,160, Cl. 422-65.000.
  Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taichi; and Manabe, Sugio, 4,558,946, Cl. 356-73.000.
  Hanaoka, Naohiro, 4,555,444, Cl. 428-336.000.
  Hashimoto, Tatsutoshi, 4,550,253, Cl. 250-326.000.
  Hattori, Shinichiro; Hosoda, Seiichi; and Takamatsu, Takeshi, 4,524,761, Cl. 128-6.000.
  Hattori, Shinichiro, 4,527,552, Cl. 128-6.000.
  Hayashi, Asao; Aoki, Masahiro; Oinoue, Kenichi; and Ida, Masatoshi, 4,540,881, Cl. 250-201.000.
  Hayashi, Asao; Oinoue, Kenichi; Aoki, Masahiro; and Ida, Masatoshi, 4,562,346, Cl. 250-201.000.
  Horikawa, Yoshiaki, 4,521,108, Cl. 356-123.000.
  Horikawa, Yoshiaki, 4,543,476, Cl. 250-201.000.
  Horikawa, Yoshiaki, 4,559,645, Cl. 382-65.000.
  Iba, Youich; Nakahashi, Ken-ichi; and Matsubara, Masaki, 4,509,838, Cl. 354-62.000.
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  Ida, Masatoshi, 4,556,908, Cl. 358-212.000.
  Imai, Toshihiro; and Ogata, Yasuzi, 4,504,124, Cl. 350-427.000.
  Imai, Toshihiro, 4,506,958, Cl. 350-427.000.
  Imai, Yougo; and Takenaga, Hideo, 4,511,935, Cl. 360-66.000.
  Imai, Yugo, 4,504,874, Cl. 360-66.000.
  Imaizumi, Masaki, 4,558,928, Cl. 350-454.000.
  Ishii, Fumiaki; Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Takamura, Koji; and Nakamura, Takeaki, 4,526,623, Cl. 134-21.000.
  Ishii, Fumiaki, 4,527,551, Cl. 128-4.000.
  Ishii, Fumiaki, 4,538,593, Cl. 128-4.000.
  Ito, Kenichi; Musha, Tohru; Kato, Kiichi; and Yamamoto, Kimiaki, 4,525,825, Cl. 369-45.000.
  Iwasawa, Teruo, 4,510,423, Cl. 318-331.000.
  Iwasawa, Teruo, 4,523,239, Cl. 360-74.100.
  Izawa, Masao; and Tatsukawa, Sachiko, 4,556,639, Cl. 435-284.000.
  Kambara, Koji; Misawa, Kazuo; Honda, Mikio; Matsui, Koichi; and Kohri, Kitijiro, 4,507,115, Cl. 604-135.000.
  Kano, Tokio; and Tamagawa, Akira, 4,556,641, Cl. 436-165.000.
  Karaki, Kouichi, 4,503,458, Cl. 358-75.000.
  Karaki, Kouichi, 4,530,098, Cl. 372-9.000.
  Kasuga, Muneo; Shimizu, Akira; and Nishio, Tadashi, 4,500,199, Cl. 355-14.0CU.
  Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, 4,505,584, Cl. 356-123.000.
  Kato, Kiichi, 4,507,763, Cl. 369-44.000.
  Kato, Kiichi; Musha, Tohru; and Ito, Kenichi, 4,509,830, Cl. 350-394.000.
  Kato, Kiichi; and Sakamoto, Masaharu, 4,545,651, Cl. 350-394.000.
  Kato, Kiichi, 4,554,654, Cl. 369-54.000.
  Kato, Toshikazu, 4,510,540, Cl. 360-93.000.
  Kato, Toshikazu, 4,530,106, Cl. 377-18.000.
  Kato, Toshikazu; and Osanai, Akira, 4,539,609, Cl. 360-93 000.
  Kawarada, Osamu, 4,530,034, Cl. 362-9.000.
  Kawarada, Osamu, 4,530,035, Cl. 362-11.000.
  Kidawara, Atsushi; and Kobayashi, Kazunari, 4,524,920, Cl. 242-71.100.
  Kikuchi, Juro, 4,523,817, Cl. 350-465.000.
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  Kimura, Kenji, 4,492,856, Cl. 250-201.000.
  Kimura, Kenji, 4,494,225, Cl. 369-44.000.
  Kimura, Kenji, 4,497,048, Cl. 369-46.000.
  Kimura, Kenji, 4,498,110, Cl. 358-342.000.
  Kimura, Kenji, 4,507,686, Cl. 358-310.000.
  Kimura, Kenji, 4,531,206, Cl. 369-44.000.
  Kimura, Kenji, 4,541,020, Cl. 360-22.000.
  Kimura, Kenji, 4,542,415, Cl. 358-342.000.
  Kimura, Kenji, 4,546,391, Cl. 360-19.100.
  Kimura, Tadashi, 4,501,474, Cl. 350-414.000.
  Kinoshita, Kunio, 4,548,197, Cl. 128-4.000.
  Kinoshita, Kunio, 4,552,130, Cl. 128-4.000.
  Kobayashi, Minoru, 4,507,695, Cl. 360-105.000.
  Kobayashi, Minoru; and Nemoto, Shigeru, 4,520,415, Cl. 360-137.000.
  Kobayashi, Minoru; and Nemoto, Shigeru, 4,521,821, Cl. 360-137.000.
  Kobayashi, Minoru, 4,525,761, Cl. 360-137.000.
  Kobayashi, Yuko, 4,497,546, Cl. 350-410.000.
  Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, 4,495,407, Cl. 250-201.000.
  Kohara, Satsuki; and Ono, Noriaki, 4,512,870, Cl. 204-416.000.
  Koike, Takaharu; and Taira, Akio, 4,547,047, Cl. 350-514.000.
  Kondo, Isao, 4,530,550, Cl. 315-241.00P.
  Konomura, Yutaka, 4,561,428, Cl. 128-4.000.
  Kubota, Tetsumaru, 4,538,610, Cl. 128-303.150.
  Kurihara, Takashi, 4,521,084, Cl. 350-432.000.
  Kurita, Hiroyuki, 4,521,086, Cl. 350-464.000.
  Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, 4,533,220, Cl. 350-507.000.
  Kusazaki, Yoshimasa, 4,549,131, Cl. 323-354.000.
  Manabe, Sugio, 4,539,296, Cl. 436-47.000.
  Manabe, Sugio, 4,540,549, Cl. 422-64.000.
  Mastuyama, Takashi; and Noda, Kazuo, 4,530,591, Cl. 355-8.000.
  Matsubara, Masaki, 4,491,394, Cl. 350-414.000.
  Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, 4,508,443, Cl. 354-402.000.
  Mihara, Shin-ichi, 4,527,868, Cl. 350-454.000.
  Mihara, Shin-ichi, 4,534,626, Cl. 350-454.000.
  Mihara, Shin-ichi; Imai, Toshihiro; Nakahashi, Ken-ichi; Iba, Youichi; Imaizumi, Masaki; and Taira, Akio, 4,562,344, Cl. 250-201.000.
  Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,492,745, Cl. 430-67.000.
  Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,537,845, Cl. 430-58.000.
  Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,537,846, Cl. 430-58.000.
  Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.
  Miyashita, Kiyoshi; Ozeki, Fumitaka; and Tsuda, Hiroshi, 4,551,010, Cl. 355-25.000.
  Mizoguchi, Fumio, 4,502,126, Cl. 364-509.000.
  Mizokami, Kazunori, 4,492,858, Cl. 250-214.00P.
  Mizokami, Kazunori, 4,498,753, Cl. 354-425.000.
  Mizokami, Kazunori, 4,509,845, Cl. 354-420.000.
  Mizokami, Kazunori, 4,512,648, Cl. 354-443.000.
  Mizokami, Kazunori, 4,514,074, Cl. 354-416.000.
  Mizokami, Kazunori, 4,518,237, Cl. 354-127.100.
  Musha, Tohru, 4,507,764, Cl. 369-45.000.
  Musha, Toru; and Ito, Kenichi, 4,544,838, Cl. 250-202.000.
  Nagasaki, Tatsuo, 4,497,322, Cl. 128-660.000.
  Nakada, Akio; and Matsuo, Kazumasa, 4,558,706, Cl. 128-660.000.

Nakahashi, Ken-ichi; and Mihara, Shin-ichi, 4,516,840, Cl. 350-515.000.
Nakahashi, Kenichi, 4,493,537, Cl. 350-469.000.
Nakajima, Yukio, 4,532,420, Cl. 250-201.000.
Nakajima, Yukio, 4,542,972, Cl. 354-402.000.
Nakajima, Yukio, 4,557,579, Cl. 354-402.000.
Nakamura, Toru, 4,525,040, Cl. 350-480.000.
Nakao, Toshihiro, 4,513,330, Cl. 360-60.000.
Nakao, Toshihiro, 4,550,352, Cl. 360-109.000.
Nakatani, Nobuyuki, 4,550,343, Cl. 358-229.000.
Namba, Akihiro; and Sakai, Mitsugu, 4,494,549, Cl. 128-660.000.
Nemoto, Shigeru; Kitajima, Goro; Saitou, Sinichi; and Osada, Hazime, 4,523,247, Cl. 360-137.000.
Nemoto, Shigeru; Saitou, Sinichi; Kitajima, Goro; and Osada, Hazime, 4,525,760, Cl. 360-137.000.
Nishikawa, Masaji, 4,516,850, Cl. 355-15.000.
Nishikawa, Masaji, 4,518,247, Cl. 355-15.000.
Nishikawa, Masaji, 4,518,248, Cl. 355-15.000.
Nishikawa, Masaji; Takagi, Takeji; and Ueki, Masao, 4,522,866, Cl. 428-216.000.
Nishikawa, Masaji, 4,533,228, Cl. 355-1.000.
Nishikawa, Masaji, 4,548,401, Cl. 271-265.000.
Nishikawa, Masaji, 4,550,998, Cl. 355-3.0DD.
Nishio, Tadashi, 4,508,332, Cl. 271-118.000.
Nishioka, Kimihiko, 4,492,440, Cl. 350-445.000.
Nishioka, Kimihiko, 4,509,831, Cl. 350-410.000.
Nishioka, Kimihiko, 4,522,471, Cl. 350-449.000.
Nishioka, Kimihiko; and Yabe, Hisao, 4,529,267, Cl. 350-96.260.
Nishizawa, Jun-ichi; Suzuki, Sohbe; Tamamushi, Takashige; and Arisawa, Yasuo, 4,531,156, Cl. 358-213.000.
Ogata, Yasuzi, 4,523,813, Cl. 350-426.000.
Ogawa, Yuji, 4,522,921, Cl. 436-47.000.
Ohshima, Ken; and Sakamoto, Masaharu, 4,508,450, Cl. 356-237.000.
Oinoue, Kenichi; Hayashi, Asao; Nakamura, Junichi; Ida, Masatoshi; Aoki, Masahiro; and Fukuoka, Kenji, 4,492,449, Cl. 354-407.000.
Oinoue, Kenichi, 4,531,835, Cl. 356-124.000.
Okada, Minoru, 4,558,691, Cl. 128-6.000.
Okada, Takao; Toda, Akitoshi; and Mimura, Yoshiyuki, 4,526,848, Cl. 430-55.000.
Omagari, Yasuhiko, 4,552,131, Cl. 128-6.000.
Osanai, Akira, 4,497,426, Cl. 226-187.000.
Otani, Yutaka, 4,537,182, Cl. 128-4.000.
Saito, Shoichi; and Shirako, Hideo, 4,492,417, Cl. 312-9.000.
Saito, Shoichi, 4,509,085, Cl. 360-93.000.
Saito, Shoichi; and Miyazi, Kazumi, 4,523,242, Cl. 360-109.000.
Saito, Shoichi; and Shirako, Hideo, 4,523,680, Cl. 206-387.000.
Saito, Shoichi; and Miyazi, Kazumi, 4,554,605, Cl. 360-96.100.
Sakurada, Masahiko; Manabe, Sugio; Okamura, Hideaki; and Gocho, Nagahiro, 4,536,369, Cl. 422-65.000.
Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Ishii, Fumiaki; Takamura, Koji; and Nakamura, Takeaki, 4,525,220, Cl. 134-21.000.
Sasa, Hiroyuki, 4,537,209, Cl. 134-166.00C.
Sato, Ken; Takahashi, Yutaka; Tsukaya, Takashi; Kato, Shinichi; and Hattori, Shinichiro, 4,561,429, Cl. 128-6.000.
Sato, Masaaki, 4,501,013, Cl. 381-86.000.
Sato, Masaaki, 4,543,618, Cl. 360-15.000.
Sato, Masanobu, 4,539,700, Cl. 381-90.000.
Shimizu, Yoshihito, 4,506,544, Cl. 73-45.500.
Shirako, Hideo, 4,516,181, Cl. 300-132.000.
Shirako, Hideo, 4,561,033, Cl. 360-130.330.
Shishido, Yoshio, 4,503,865, Cl. 128-774.000.
Shishido, Yoshio, 4,538,062, Cl. 250-201.000.
Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.
Tabara, Takashi, 4,493,897, Cl. 436-47.000.
Takahashi, Susumu, 4,500,181, Cl. 350-574.000.
Takamura, Koji; Ishii, Fumiaki; Nakajima, Yukio; Yabe, Hisao; Sasa, Hiroyuki; and Nakamura, Takeaki, 4,526,622, Cl. 134-21.000.
Takayama, Syuichi, 4,499,895, Cl. 128-6.000.
Takayama, Syuichi, 4,503,842, Cl. 128-4.000.
Takayama, Syuichi, 4,535,771, Cl. 128-328.000.
Takayama, Syuichi, 4,559,928, Cl. 128-6.000.
Takeuchi, Haruo, 4,537,453, Cl. 339-33.000.
Tamagawa, Akira; and Kano, Tokio, 4,522,493, Cl. 356-36.000.
Tanaka, Shunpei; and Kimura, Kenji, 4,554,595, Cl. 358-328.000.
Tanikawa, Kowji, 4,500,183, Cl. 354-21.000.
Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio, 4,548,259, Cl. 165-14.000.
Toda, Akitoshi; and Mimura, Yoshiyuki, 4,546,722. Cl. 118-657.000.
Togino, Takayoshi, 4,521,083, Cl. 350-414.000.
Togino, Takayoshi, 4,540,248, Cl. 350-414.000.
Tsuboshima, Kosaku; and Yoshinari, Shigeru, 4,512,852, Cl. 204-1.00T.
Tsukaya, Takashi; and Takamatsu, Takeshi, deceased, 4,503,841, Cl. 128-4.000.
Tsukaya, Takashi, 4,509,508, Cl. 128-6.000.
Tsunefuji, Katsuhiko; and Yamasaki, Masafumi, 4,529,289, Cl. 354-433.000.
Ushikubo, Masao, 4,515,286, Cl. 220-314.000.
Utsugi, Mikio; and Yamaguchi, Tathuya, 4,552,129, Cl. 128-4.000.
Yabe, Hisao, 4,509,507, Cl. 128-4.000.
Yamada, Hidetoshi, 4,556,909, Cl. 358-212.000.
Yamada, Noboru, 4,506,951, Cl. 350-253.000.
Yamada, Takashi, 4,558,953, Cl. 356-409.000.
Yamaguchi, Tathuya, 4,557,254, Cl. 128-4.000.
Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, 4,499,514, Cl. 360-97.000.
Yamamoto, Kimiaki, 4,507,772, Cl. 369-109.000.
Yamasaki, Masafumi, 4,500,192, Cl. 354-427.000.
Yanagida, Tuneo, 4,495,530, Cl. 360-59.000.
Yanagida, Tuneo, 4,518,657, Cl. 428-450.000.
Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, 4,505,585, Cl. 356-237.000.
Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, 4,499,572, Cl. 369-111.000.
Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, 4,520,280, Cl. 307-358.000.
Yoshizawa, Fukashi, 4,527,104, Cl. 318-331.000.
Olympus Winter & Ibe GmbH: *See—*
Konig, Helmut, 4,506,668, Cl. 128-303.150.
Olyphant, Murray, Jr., to Minnesota Mining and Manufacturing Company. Sheet material for and a cable having an extensible electrical shield. 4,533,784, 8-6-85, Cl. 174-36.000.
Omae, Masanori: *See—*
Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, 4,551,757, Cl. 358-212.000.
Omagari, Yasuhiko, to Olympus Optical Co., Ltd. Co-viewing device for endoscope. 4,552,131, 11-12-85, Cl. 128-6.000.
Omaha Door Company: *See—*
Friesz, Robert E., 4,510,663, Cl. 29-429.000.
O'Mahony, John S.; Kahn, Marvin L.; and Adapa, Satya N., to Rich Products Corporation. Sugar infusion of fruit. 4,551,348, 11-5-85, Cl. 426-639.000.
Omaki, Takanobu; Nakamura, Akiyoshi; Ishida, Masato; and Matsushita, Shuzo, to Minolta Camera Kabushiki Kaisha. Focus detection device. 4,561,748, 12-31-85, Cl. 354-403.000.
Omaki, Takanobu: *See—*
Ishikawa, Norio; and Omaki, Takanobu, 4,492,448, Cl. 354-406.000.
Kobori, Toshio; Taniguchi, Nobuyuki; Omaki, Takanobu; and Nakai, Masaaki, 4,529,290, Cl. 354-442.000.
Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.
Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.
Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.
O'Malley, Michael P.; and Thibault, Alfred R., to International Packaging Systems Inc. Apparatus for molding foam cushion packaging. 4,493,627, 1-15-85, Cl. 425-89.000.
O'Malley, Michael P.; Henderson, David E.; Cable, Mark J.; and Hefferon, James E., to International Packaging Systems Inc. Method and apparatus for the manufacture of molded packings. 4,532,093, 7-30-85, Cl. 264-40.100.
O'Malley, Michael P., to International Packaging Systems Inc. Apparatus and method for the manufacture of molded packings. 4,559,192, 12-17-85, Cl. 264-51.000.
O'Malley, William J.; and Vaughn, Howard A., Jr., to General Electric Company. Silicone resin coating composition with improved shelf life. 4,539,351, 9-3-85, Cl. 524-43.000.
O'Mara, Bradley E., to Intersil, Inc. Power supply failure early warning detector. 4,535,410, 8-13-85, Cl. 364-483.000.
O'Mara, William C. Method for making a conductive silicon substrate by heat treatment of oxygenated and lightly doped silicon single crystals. 4,505,759, 3-19-85, Cl. 148-1.500.
Omark Industries: *See—*
Scott, Lewis A.; Gibson, Duane M.; and Woodfill, Arthur J., 4,497,232, Cl. 83-831.000.
Omark Industries, Inc.: *See—*
Gibson, Duane M.; and Scott, Lewis A., 4,530,258, Cl. 76-25.00A.
Gibson, Duane M.; and Scott, Lewis A., 4,535,667, Cl. 83-830.000.
Reynolds, Michael J., 4,530,679, Cl. 474-92.000.
Scott, Lewis A.; and Gibson, Duane M., 4,501,184, Cl. 83-834.000.
Scott, Lewis A., 4,515,055, Cl. 83-835.000.
Weisgerber, David J., 4,561,181, Cl. 30-387.000.
O'Mary, Bob L.: *See—*
Murphy, Frank W., Jr.; Carlton, Lewis M.; O'Mary, Bob L.; and Cruse, Teddy H., 4,505,288, Cl. 137-59.000.
Omata, Fujio; and Takamoto, Kiichi, to Nippon Telegraph & Telephone Public Corporation. Aperture structure for charged beam exposure. 4,550,258, 10-29-85, Cl. 260-505.100.
Omata, Nobuaki, to Nifco Inc. Binder for lines, rods, or tubes. 4,490,886, 1-1-85, Cl. 24-16.0PB.
Omata, Nobuaki, to Nifco Inc. Sealed rotary motion damper. 4,513,473, 4-30-85, Cl. 16-82.000.
Omata, Nobuaki; and Oshida, Tsutomu, to Nifco Inc. Oil type damper. 4,527,675, 7-9-85, Cl. 188-290.000.

Omata, Nobuaki, to Nifco Inc. Combined rotary damper device including a stored energy mechanism and braking mechanism. 4,550,470, 11-5-85, Cl. 16-85.000.
Omata, Nobuaki: *See*—
Sato, Youji; Omata, Nobuaki; and Shimbara, Sakuzo, 4,524,494, Cl. 24-453.000.
Omata, Takashi, to Canon Kabushiki Kaisha. Projection printing apparatus for printing a photomask. 4,492,459, 1-8-85, Cl. 355-43.000.
Omata, Takashi: *See*—
Suzuki, Akiyoshi; Sato, Hirosi; Omata, Takashi; and Kosugi, Masao, 4,521,082, Cl. 350-405.000.
Omata, Tetsuo: *See*—
Nakai, Mamoru; Ohshima, Tokio; Kimura, Tomio; Omata, Tetsuo; and Iwamoto, Noritada, 4,497,957, Cl. 548-496.000.
Omata, Yuji: *See*—
Kaminaka, Nobuyuki; Kanai, Kenji; Nomura, Noboru; and Omata, Yuji, 4,504,540, Cl. 428-195.000.
Omatoi, Susumu: *See*—
Miyazaki, Tomohiro; Tanaka, Hitoshi; Matsumoto, Goro; Matsuhisa, Noboru; and Omatoi, Susumu, 4,544,605, Cl. 428-404.000.
Omatsu, Masayuki: *See*—
Kondo, Mitsuru; Iwasaki, Hiroshi; Kanda, Nobuo; Omatsu, Masayuki; and Omura, Haruo, 4,524,373, Cl. 346-221.000.
Omco Inc.: *See*—
Agbay, Anthony J., 4,513,592, Cl. 70-34.000.
Carlson, John H.; and Agbay, Anthony J., 4,513,591, Cl. 70-34.000.
Simmler, Lawrence W.; and Carlson, John H., 4,519,225, Cl. 70-34.000.
O'Meara, Thomas R., to United States of America, Air Force. Jinc-trap resonator. 4,498,184, 2-5-85, Cl. 372-92.000.
Omega Air Flow-21, Ltd.: *See*—
Pryputsch, Gunter G.; Leila, Lennox M.; Parkinson, Gerald E.; and Arneson, Leonard A., 4,503,760, Cl. 99-447.000.
Omega SA: *See*—
Baumgartner, Louis; and Meylan, Philippe, 4,541,725, Cl. 368-37.000.
Fontana, Fernando, 4,545,094, Cl. 24-71.00J.
Fontana, Fernando, 4,545,095, Cl. 24-71.00J.
Gagnebin, Gaston, 4,493,562, Cl. 368-294.000.
Gagnebin, Gaston, 4,529,323, Cl. 368-291.000.
Geiger, Michel; Gagnebin, Gaston; and Ackermann, Jacques, 4,544,284, Cl. 368-294.000.
Gygax, Claude-Andre, 4,546,522, Cl. 24-71.00J.
Nobs, Erwin, 4,559,480, Cl. 315-324.000.
Tu Xuan, Mai, 4,542,329, Cl. 318-696.000.
Vuilleumier, Cyril, 4,555,185, Cl. 368-190.000.
Xuan, Mai T., 4,546,278, Cl. 310-49.00R.
Omholt, Bruce D. Motorcycle. 4,520,891, 6-4-85, Cl. 180-219.000.
OMI International Corporation: *See*—
Barbieri, Stephen C.; and Mayer, Linda J., 4,555,315, Cl. 204-52.00R.
Goldman, Irina, 4,545,869, Cl. 204-47.000.
Lash, Ronald J., 4,514,267, Cl. 204-44.200.
Lash, Ronald J., 4,543,166, Cl. 204-44.200.
Martin, Sylvia, 4,541,906, Cl. 204-55.00R.
Murrin, Byran; Willis, Robert; and Page, Jeffrey, 4,493,758, Cl. 204-224.00R.
Strom, Alice M.; Herr, R. Wilbur; and Martin, Sylvia, 4,515,663, Cl. 204-44.200.
Tremmel, Robert A., 4,521,282, Cl. 204-52.00R.
Tremmel, Robert A.; and Magda, Doina, 4,549,942, Cl. 204-40.000.
Omi, Junji: *See*—
Shimizu, Masami; Omi, Junji; Watanabe, Kunio; Uchidoi, Masanori; and Aizawa, Hiroshi, 4,520,340, Cl. 338-195.000.
Omichi, Hitoshi: *See*—
Tanizawa, Tetsu; Omichi, Hitoshi; and Mitono, Yoshiharu, 4,499,484, Cl. 357-68.000.
Tanizawa, Tetsu; Omichi, Hitoshi; and Mitono, Yoshiharu, 4,523,106, Cl. 307-303.000.
Omichi, Namio. Packing and displaying carton, and blank plate therefor. 4,519,538, 5-28-85, Cl. 229-27.000.
Omico Plastics, Inc.: *See*—
Williams, W. Jerry, 4,546,899, Cl. 220-444.000.
Omika, Hiroyoshi: *See*—
Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, 4,543,406, Cl. 528-111.500.
Omitsu, Takashi, to Aisin Seiki Kabushiki Kaisha. Control system and method for a fuel delivery system. 4,523,565, 6-18-85, Cl. 123-399.000.
Omitsu, Takashi: *See*—
Frank, Andrew A.; and Omitsu, Takashi, 4,515,041, Cl. 74-866.000.
Omiya, Takeo, to Daicel Chemical Industries, Ltd. Esterified carboxymethyl celluloses. 4,504,656, 3-12-85, Cl. 536-66.000.
Omiya, Takeo, to Daicel Chemical Industries, Ltd. Acid-type carboxymethyl cellulose and process for preparing the same. 4,508,894, 4-2-85, Cl. 536-89.000.
OMM Officine Meccanotessili Monza S.p.A.: *See*—
Reiter, Josef, 4,541,458, Cl. 139-55.100.
Ommundsen, Tor A.: *See*—
Brandsaeter, Helge; Ommundsen, Tor A.; and Mjoen, Oyvind, 4,561,073, Cl. 367-19.000.
Omnes, Jacqueline: *See*—
Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, 4,514,371, Cl. 423-449.000.
Jamet, Jean; Poupeau, Jean-Jacques; Omnes, Jacqueline; and Le Pennec, Claude, 4,525,337, Cl. 423-449.000.
Omni Devices, Inc.: *See*—
Alton, Michael J., 4,521,771, Cl. 340-705.000.
Omnicom Engineering: *See*—
Smith, James W., 4,520,233, Cl. 179-1.50R.
Omniglass Ltd.: *See*—
Davies, Lawrence W., 4,551,364, Cl. 428-34.000.
Omnithruster, Inc.: *See*—
Aker, Charles M., 4,522,141, Cl. 114-40.000.
Aker, Charles M., 4,543,900, Cl. 114-40.000.
Omo, RB, Jr., to Bath Iron Works Corporation. Alignment device and die adjustment apparatus for punch presses and the like. 4,542,674, 9-24-85, Cl. 83-527.000.
Omoda, Koichiro; Inagami, Yasuhiro; Torii, Shunichi; and Nagashima, Shigeo, to Hitachi, Ltd. Pipelined operation unit for vector data. 4,525,796, 6-25-85, Cl. 364-730.000.
Omoda, Koichiro: *See*—
Nagashima, Shigeo; Torii, Shunichi; Omoda, Koichiro; and Inagami, Yasuhiro, 4,541,046, Cl. 364-200.000.
Omodei-Sale, Amedeo: *See*—
Galliani, Giulio; Omodei-Sale, Amedeo; Consonni, Pietro; and Assandri, Alessandro, 4,535,090, Cl. 514-383.000.
O'Mohundro, Kenneth J.: *See*—
De Vita, Joseph P.; Mulder, Thomas J.; O'Mohundro, Kenneth J.; Wellington, Leslie J.; Deeter, Wayne R.; and Sternaman, Larry D., 4,547,880, Cl. 370-91.000.
Omori, Hatsutaro, to Kabushiki Kaisha Ohmori Seisakusho. Spinning type fishing reel with axially adjustable spool. 4,535,953, 8-20-85, Cl. 242-84.21R.
Omori, Hiroyuki: *See*—
Higaki, Yoshikazu; and Omori, Hiroyuki, 4,504,423, Cl. 260-465.700.
Omori Machinery Co., Ltd.: *See*—
Omori, Shozo, 4,540,614, Cl. 428-57.000.
Omori, Mamoru; and Takei, Humihiko, to Omori, Mamoru. Composite silicon carbide sintered shapes and its manufacture. 4,502,983, 3-5-85, Cl. 252-516.000.
Omori, Mitsugu: *See*—
Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, 4,499,249, Cl. 526-206.000.
Omori, Norio; Tabe, Tsutomu; Ito, Katsunori; and Hayashi, Shuukichi, to Nippondenso Co., Ltd. Method and apparatus for controlling an internal combustion engine. 4,501,250, 2-26-85, Cl. 123-486.000.
Omori, Norio: *See*—
Mizuno, Toshiaki; Omori, Norio; and Kinugawa, Masumi, 4,528,960, Cl. 123-478.000.
Ninomiya, Masakazu; Suda, Toshi; Omori, Norio; Akiyama, Susumu; and Fukaya, Hiroyasu, 4,510,910, Cl. 123-486.000.
Takao, Mitsunori; Kimura, Takahiko; and Omori, Norio, 4,553,518, Cl. 123-478.000.
Omori, Sachio; Naito, Hideshi; Imanari, Hitoshi; and Muryoi, Takeshi, to Nippon Kogaku K.K. Zoom lens assembly. 4,558,927, 12-17-85, Cl. 350-429.000.
Omori, Shigenori: *See*—
Fukuroi, Takeo; Omori, Shigenori; and Tanaka, Akira, 4,494,922, Cl. 425-324.100.
Mizuhara, Hisayoshi; Omori, Shigenori; and Tanaka, Akira, 4,501,547, Cl. 425-391.000.
Omori, Shogo. Duster-polisher made of plastic film. 4,510,640, 4-16-85, Cl. 15-104.00A.
Omori, Shozo, to Tokyo Shibaura Denki Kabushiki Kaisha; and Omori Machinery Co., Ltd. Bundle of paper sheets or the like. 4,540,614, 9-10-85, Cl. 428-57.000.
Omori, Tadashi: *See*—
Kawai, Kiyoji; and Omori, Tadashi, 4,558,298, Cl. 340-19.00R.
Omori, Takashi: *See*—
Moriguchi, Haruhiko; Omori, Takashi; and Inui, Toshiharu, 4,535,340, Cl. 346-76.0PH.
Omori, Takeshi: *See*—
Takahashi, Kiyoshi; Konagai, Makoto; Yoshitomi, Toshihiko; and Omori, Takeshi, 4,551,575, Cl. 136-255.000.
Omori, Takuro: *See*—
Kanou, Ikuo; Yanagiuchi, Shigenobu; and Omori, Takuro, 4,541,069, Cl. 364-900.000.
Omori, Tamotsu, to Komori Printing Machinery Co., Ltd. Water supply apparatus for printing press. 4,524,690, 6-25-85, Cl. 101-148.000.
Omori, Tetsumi: *See*—
Miki, Yutaka; Kuroda, Masayuki; and Omori, Tetsumi, 4,504,099, Cl. 384-543.000.
Omori, Yoshitaka, to Honda Giken Kogyo Kabushiki Kaisha. Rear suspension for a motorcycle. 4,561,519, 12-31-85, Cl. 180-227.000.
Omron Tateisi Electronics Co.: *See*—
Agatahama, Shunichi, 4,490,903, Cl. 29-622.000.
Agatahama, Shunichi, 4,553,118, Cl. 335-79.000.
Arichi, Isao; Koh, Takuji; and Nanba, Isao, 4,547,077, Cl. 368-107.000.
Atsumi, Haruo; and Koizumi, Haruyuki, 4,510,355, Cl. 200-47.000.
Atsumi, Haruo; Iwakiri, Norio; Kiyono, Yasuhiro; and Hayakawa, Tomohiko, 4,556,768, Cl. 200-302.200.
Bando, Yoshihide, 4,538,126, Cl. 335-78.000.
Endo, Kimikazu, 4,528,442, Cl. 235-379.000.
Fukuyama, Toshifumi; and Okamoto, Kiyohide, 4,551,640, Cl. 307-471.000.
Hagiwara, Isamu, 4,541,057, Cl. 364-408.000.

Hinoda, Seisuke; Hirano, Masao; Kato, Mitsutaka; and Yasuda, Hirohiko, 4,547,074, Cl. 356-405.000.
Imamichi, Tutomu, 4,511,794, Cl. 235-379.000.
Imamichi, Tutomu, 4,546,240, Cl. 235-379.000.
Kitao, Zenichi; and Koizumi, Haruyuki, 4,495,391, Cl. 200-153.00J.
Koizumi, Haruyuki; Kitao, Zenichi; and Sato, Hideki, 4,532,393, Cl. 200-159.00R.
Maenishi, Kozo; Adachi, Masaaki; and Bando, Yoshihide, 4,496,806, Cl. 200-16.00R.
Miyamoto, Kiyoshi; and Ueda, Kenji, 4,513,257, Cl. 331-65.000.
Morishita, Muneki; Nishimura, Hiroyuki; and Matsusaka, Hiroji, 4,549,661, Cl. 209-534.000.
Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, 4,551,592, Cl. 200-67.00D.
Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, 4,561,045, Cl. 362-368.000.
Ohashi, Takeo, 4,533,972, Cl. 361-156.000.
Ohmae, Kenichi; Tateisi, Kazuma; Shinohara, Yoshitsugu; and Ichihashi, Masazumi, 4,562,341, Cl. 235-379.000.
Okawa, Tamotsu; and Yuasa, Hiromi, 4,525,799, Cl. 364-900.000.
Okazaki, Tetuji; Kawasaki, Kanji; and Hirose, Masayoshi, 4,524,252, Cl. 200-38.00E.
Sato, Ryuichi; Taniguchi, Tsutomu; and Ohba, Masatoshi, 4,520,289, Cl. 310-316.000.
Sukimoto, Yasuyuki; and Nagao, Toshiaki, 4,504,010, Cl. 236-46.00F.
Suzuki, Yasuo, 4,503,503, Cl. 364-405.000.
Tateisi, Kazuma; and Shinohara, Yoshitsugu, 4,562,340, Cl. 235-379.000.
Yamashita, Tsukasa; Matano, Masaharu; Mori, Kazuhiko; and Ota, Norihiro, 4,491,384, Cl. 350-96.130.
Yamashita, Tsukasa; Mori, Kazuhiko; Matano, Masaharu; and Ota, Norihiro, 4,532,632, Cl. 372-50.000.

Omura, Haruo: *See*—
Kondo, Mitsuru; Iwasaki, Hiroshi; Kanda, Nobuo; Omatsu, Masayuki; and Omura, Haruo, 4,524,373, Cl. 346-221.000.
Kondo, Mitsuru; Iwasaki, Hiroshi; Omura, Haruo; and Kanda, Nobuo, 4,536,220, Cl. 106-21.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, to Kuraray Co., Ltd. Adhesive compositions. 4,499,251, 2-12-85, Cl. 526-278.000.

Omura, Ikuo; and Yamauchi, Junichi, to Kuraray Co., Ltd. Highly water-resistant adhesive. 4,515,930, 5-7-85, Cl. 526-276.000.

Omura, Ikuo; and Yamauchi, Junichi, to Kuraray Co., Ltd. Highly water-resistant adhesive. 4,525,493, 6-25-85, Cl. 523-116.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, to Kuraray Co., Ltd. Adhesive compositions. 4,537,940, 8-27-85, Cl. 526-278.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, to Kuraray Co., Ltd. Adhesive composition. 4,539,382, 9-3-85, Cl. 526-276.000.

Omura, Kiyoharu, to Nippon Steel Corporation. Batch annealing apparatus. 4,502,671, 3-5-85, Cl. 266-256.000.

Omura, Koichi; and Yuasa, Hiroyoshi, to Matsushita Electric Works, Ltd. Method and apparatus for speech message recognition. 4,509,186, 4-2-85, Cl. 381-43.000.

Omura, Sadafumi: *See*—
Adachi, Takashi; Morimoto, Shigeo; Takahashi, Yoko; Watanabe, Yoshiaki; and Omura, Sadafumi, 4,496,717, Cl. 536-7.200.
Tamai, Masaharu; Adachi, Takashi; Oguma, Kiyoshi; Hanada, Kazunori; Omura, Sadafumi; and Katunuma, Nobuhiko, 4,507,232, Cl. 260-112.50R.

Omura, Satoshi; Tanaka, Yoshitake; Iwai, Yuzuru; Takahashi, Yoko; and Nakagawa, Akira, to Kitasato Kenkyusho. Antibiotic AM-3603. 4,493,845, 1-15-85, Cl. 424-279.000.

Omura, Satoshi; and Shimizu, Hideki, to Kitasato Institute, The. Process for preparing antibiotic AM-2604-A. 4,503,152, 3-5-85, Cl. 435-118.000.

Omura, Satoshi; Nakagawa, Akira; Hashimoto, Hiroshi; Kojima, Yasuhiko; Iwai, Yuzuru; Oiwa, Ruiko; and Hirano, Atsushi, to Kitasato Institute, The. Antiviral antibiotic substance AM-2722 and process for production thereof. 4,533,547, 8-6-85, Cl. 424-122.000.

Omura, Takashi; Takahashi, Mikoto; Harada, Naoki; and Takeshita, Akira, to Sumitomo Chemical Company, Limited. Phthalocyanine fiber reactive compound. 4,505,714, 3-19-85, Cl. 8-549.000.

Omura, Takashi; Harada, Naoki; and Tezuka, Yasuo, to Sumitomo Chemical Company, Limited. Bisazo blue-black dye having vinylsulfone type fiber-reactive group. 4,530,996, 7-23-85, Cl. 534-642.000.

Omura, Takashi: *See*—
Kayane, Yutaka; Omura, Takashi; Otake, Katsumasa; and Takeshita, Akira, 4,511,507, Cl. 534-629.000.
Otake, Katsumasa; Omura, Takashi; Kayane, Yutaka; and Imada, Kunihiko, 4,540,418, Cl. 8-524.000.
Otake, Katsumasa; Ikeda, Takashi; Omura, Takashi; and Imada, Kunihiko, 4,551,150, Cl. 8-496.000.

Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, to Kuraray Co., Ltd. Certain cyclopropane carboxylic acid esters and their pesticidal use. 4,532,258, 7-30-85, Cl. 514-471.000.

Omura, Yoshiaki. Portable daylight electrophotography apparatus. 4,542,969, 9-24-85, Cl. 354-354.000.

Omura, Yoshiaki: *See*—
Nakamoto, Hiromasa; Ogawa, Michitaka; Kobayashi, Muneo; Nogami, Yuki; Kumamoto, Kazuo; Murakami, Hiroko; Ninagawa, Yoichi; Omura, Yoshiaki; and Mizuno, Masao, 4,521,417, Cl. 514-255.000.

Omura, Yutaka, to Nissan Motor Company, Limited. Rain gutter arrangement for automotive vehicle. 4,494,790, 1-22-85, Cl. 296-154.000.

Omure, Yukio: *See*—
Hisamoto, Iwao; Omure, Yukio; and Ishikawa, Sueyoshi, 4,517,10, Cl. 252-162.000.
Hisamoto, Iwao; and Omure, Yukio, 4,530,776, Cl. 252-153.000.

Ona, Isao; and Ozaki, Masaru, to Toray Silicone Company, Ltd. Method and siloxane composition for treating fibers. 4,541,936, 9-17-85, Cl. 252-8.600.

Ona, Isao; Ozaki, Masaru; and Usui, Katsutoshi, to Toray Silicone Company, Ltd. Method for producing thin silicone elastomeric films. 4,557,887, 12-10-85, Cl. 264-216.000.

Onahama Sakai Kagaku Kabushiki Kaisha: *See*—
Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, 4,505,755, Cl. 106-308.00B.
Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, 4,551,497, Cl. 524-423.000.

Onaka, Tatsumi: *See*—
Shiraishi, Minoru; Numata, Yoshimi; Tano Hiroshi; and Onaka, Tatsumi, 4,532,878, Cl. 114-222.000.

Onal, Hasan F., to Dresser Industries, Inc. High speed centrifugal pump and method for operating same at reduced noise levels. 4,533,29, 8-6-85, Cl. 415-119.000.

Onallah, Ali-Maher: *See*—
Arenhovel, Clemens; Much, Joachim; Onallah, Ali-Maher; and Schmidt, Volkmar, 4,547,142, Cl. 425-3/8.00R.

Onasch, Jurgen; and Ehrenstein, Gottfried, to Richard Bergner GmbH & Co. Self-tapping screw. 4,527,932, 7-9-85 Cl. 411-411.000.

Onda, Hideaki: *See*—
Akagawa, Masaki; Onda, Hideaki; Kobayashi, Osamu; and Nishiumi, Kenji, 4,556,139, Cl. 194-4.00C.

Onda, Kazuyoshi, to Pioneer Electronic Corporation. Cable network monitoring system for CATV system. 4,558,358, 12-10-85, Cl. 358-86.000.

Onda, Kenichi; Abe, Kojin; Yabuno, Kohei; and Uemura, Takeshi, to Hitachi, Ltd. Switching power supply apparatus. 4,499,530, 2-12-85, Cl. 363-17.000.

Onda, Takanori; and Saito, Takeo, to Honda Giken Kogyo Kabushiki Kaisha. Swing type power unit for a two-wheeled motor vehicle. 4,505,352, 3-19-85, Cl. 180-219.000.

Onda, Takanori: *See*—
Hamane, Masumi; and Onda, Takanori, 4557,345, Cl. 180-229.000.

Onda, Tsutomu; Kano, Keiichi; and Itakura, Shinji, to Aisin Seiki Kabushiki Kaisha. Plating apparatus. 4,498,965, 2-12-85, Cl. 204-228.000.

Onder, Kemal: *See*—
Chen, Augustin T.; Goldwasser, David J.; and Onder, Kemal, 4,501,844, Cl. 524-451.000.
Chen, Augustin T.; Goldwasser, David J.; and Onder, Kemal, 4,536,533, Cl. 524-161.000.
Chen, Augustin T.; and Onder, Kemal, 4,547,547, Cl. 524-538.000.
Chen, Augustin T.; Onder, Kemal; and Rausch, Karl W., Jr., 4,562,228, Cl. 525-66.000.
Dai, Shenghong A.; Grossman, Steven J.; and Onder, Kemal, 4,550,157, Cl. 528-322.000.
Grossman, Steven J.; and Onder, Kemal, 4,518,765, Cl. 528-314.000.

Ondetti, Miguel A.: *See*—
Gordon, Eric M.; and Ondetti, Miguel A., 4,333,660, Cl. 514-210.000.

Ondyne Inc.: *See*—
Rosa, Eugene J.; and Jerde, James B., 4,503,707, Cl. 73-336.500.

One Design, Inc.: *See*—
Maloney, Timothy J., 4,545,364, Cl. 126-430.000.

O'Neal, Chester L. Disposable toothbrush with cap. 4,521,128, 6-4-85, Cl. 401-183.000.

O'Neal, Douglas M.: *See*—
Mendelson, Richard N.; O'Neal, Douglas M.; and Sharp, Leo A., Jr., 4,514,823, Cl. 364-900.000.

O'Neal, Glenn B., to Southwest Research Institute. Valve actuator. 4,546,735, 10-15-85, Cl. 123-90.170.

O'Neal, John L. Convertible trailer apparatus. 4,527,826, 7-9-85, Cl. 296-3.000.

O'Neal, Keith T.: *See*—
Coy, Calvin L.; and O'Neal, Keith T., 4,554,697, Cl. 15-55.000.

O'Neil, Elbridge A., Jr.: *See*—
Verbicky, John W., Jr.; and O'Neil, Elbridge A., Jr., 4,554,357, Cl. 548-461.000.

O'Neil, Jack, to Roy & Kiesel. Duck decoy movement apparatus. 4,535,560, 8-20-85, Cl. 43-3.000.

O'Neil, James W.: *See*—
Quinn, John A.; and O'Neil, James W., 4,518,666, Cl. 430-7.000.

O'Neil, Michael A.: *See*—
Tomlin, Jerry B.; Levey, Gustave S.; and O'Neil, Michael A., 4,519,636, Cl. 285-95.000.

O'Neil, Michael J. Building evacuation device. 4,503,933, 3-12-85, Cl. 182-231.000.

O'Neil, Walter K., to Eaton Corporation. Fail-safe mechanism for an electrical power assisted steering system. 4,556,116, 12-3-85, Cl. 180-79.100.

O'Neill, Charles E.: *See*—
Ambrose, John; Charles, Douglas K.; Conard, Bruce R.; Diaz, Carlos; O'Neill, Charles E.; and Leavoy, Wayne P., 4,534,935, Cl. 419-23.000.

O'Neill, Christopher. Early pregnancy detection by detecting enhanced blood platelet activation. 4,543,339, 9-24-85, Cl. 436-510.000.

O'Neill, Hector C. Security safety cradle. 4,508,219, 4-2-85, Cl. 206-319.000.

O'Neill, Hugh, to Sling-All Ltd. Hanging strapped shelves. 4,523,526, 6-18-85, Cl. 108-149.000.

O'Neill, James K.: *See—*
Brule, James E.; O'Neill, James K.; and Palmer, David N., 4,497,726, Cl. 252-182.100.

O'Neill, Mark J., to Entech, Inc. Bi-focussed solar energy concentrator. 4,545,366, 10-8-85, Cl. 126-440.000.

O'Neill, Michael J., to Perkin-Elmer Corporation, The. Baseline control for a differential scanning calorimeter. 4,530,608, 7-23-85, Cl. 374-11.000.

O'Neill, Michael J., to Perkin-Elmer Corporation, The. Liquid level sensor. 4,532,799, 8-6-85, Cl. 73-295.000.

O'Neill, Nelson L.: *See—*
Ungar, Israel S.; Scher, Herbert I.; and O'Neill, Nelson L., 4,517,235, Cl. 428-148.000.
Ungar, Israel S.; Scher, Herbert I.; and O'Neill, Nelson L., 4,520,062, Cl. 428-148.000.

O'Neill, Paul J. Pneumatic tube conveyor. 4,557,638, 12-10-85, Cl. 406-186.000.

O'Neill, William B. Self-loading and unloading vehicle. 4,511,303, 4-16-85, Cl. 414-458.000.

Oneto, Francis E. J.; and Vermersch, Marc, to Lever Brothers Company. Cosmetic composition. 4,540,567, 9-10-85, Cl. 424-45.000.

Oneyama, Naotake; and Yoshikawa, Akihisa, to Shokestu Kinzoku Kogyo Kabushiki Kaisha. Cylinder driving system. 4,516,473, 5-14-85, Cl. 91-462.000.

Ong, Beng S.; and Murti, Dasarao K., to Xerox Corporation. Layered photoresponsive imaging members with sulfur incorporated dicyanomethylenefluorene carboxylate compositions. 4,546,059, 10-8-85, Cl. 430-59.000.

Ong, Beng S.; Keoshkerian, Barkev; Murti, Dasarao K.; and Mammino, Joseph, to Xerox Corporation. Photoresponsive imaging members containing electron transport overcoatings. 4,562,132, 12-31-85, Cl. 430-59.000.

Ong, Beng S.: *See—*
McAneney, T. Brian; Loutfy, Rafik O.; Ong, Beng S.; and Popovic, Zoran D., 4,559,287, Cl. 430-59.000.

Ong, DeWitt G.: *See—*
Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., 4,539,552, Cl. 340-347.0DA.

Ong, Helen H.; and Flynn, Matthew J., to Hoechst-Roussel Pharmaceuticals Inc. Analgesic dibenz[b,f]oxepins. 4,496,582, 1-29-85, Cl. 514-450.000.

Ong, Helen H.; Anderson, Vernon B.; and Profitt, James A., to Hoechst-Roussel Pharmaceuticals Inc. Process for preparing substituted 1,3-dihydrospiro[benzo(c)thiophene]s. 4,524,207, 6-18-85, Cl. 546-17.000.

Ong, Helen H.; and Profitt, James A., to Hoechst-Roussel Pharmaceuticals Inc. Benzo[b]thiophenes intermediates. 4,528,399, 7-9-85, Cl. 568-43.000.

Ong, Helen H.; and Profitt, James A., to Hoechst-Roussel Pharmaceuticals Inc. Benzo[b]thiophenes. 4,537,976, 8-27-85, Cl. 549-54.000.

Ong, Kenneth K. H.: *See—*
Scheurer, Heinrich P.; and Ong, Kenneth K. H., 4,518,768, Cl. 528-483.000.

Ong, Poen S.; Zermeno, Alfonso; Marsh, Lee M., Jr.; Hevezi, James M.; and Cowart, Ronald W., to University of Texas System. Electrostatic imaging apparatus. 4,521,808, 6-4-85, Cl. 358-111.000.

Ong, Richard H.; and Economopoulos, Peter C., to Honeywell Information Systems Inc. Sense amplifier. 4,553,053, 11-12-85, Cl. 307-530.000.

Ong, Robert. Method for forming and holding cheese fish bait. 4,501,083, 2-26-85, Cl. 43-4.500.

Ong, Sienling, to Hoechst Aktiengesellschaft. Shading process using poly-functional reactive and non-reactive dyestuffs bonded in fixing. 4,504,272, 3-12-85, Cl. 8-543.000.

Ong, Sienling; Karsunky, Ulrich; and Schmidt, Helmut, to Hoechst Aktiengesellschaft. Thickener mixtures, process for the manufacturing of transfer printing paper sheets using these mixtures, and paper sheets so obtained. 4,523,922, 6-18-85, Cl. 8-471.000.

Onga, Makoto; Sase, Masatoshi; and Yamanaka, Seisuke, to Sony Corporation. Mixing circuit. 4,527,190, 7-2-85, Cl. 358-30.000.

Onga, Makoto: *See—*
Sase, Masatoshi; Onga, Makoto; and Yamanaka, Seisuke, 4,496,967, Cl. 358-44.000.

Oniki, Kiyoshi: *See—*
Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, 4,492,906, Cl. 318-488.000.

Onishi, Hisaaki: *See—*
Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, 4,548,564, Cl. 425-32.000.

Onishi, Kimimasa; Takahashi, Takao; and Koriyama, Masayuki, to Nissan Motor Company, Limited. Weft picking device of air jet weaving loom. 4,516,610, 5-14-85, Cl. 139-435.000.

Onishi, Masakazu: *See—*
Kishida, Katsuji; Ueno, Tetsuto; Onishi, Masakazu; and Oda, Keijiro, 4,510,984, Cl. 152-362.0CS.

Onishi, Masanori: *See—*
Ito, Koji; Onishi, Masanori; and Hayashi, Hisao, 4,527,283, Cl. 382-9.000.

Onishi, Shunji: *See—*
Shibaoka, Kazuo; Onishi, Shunji; Miwa, Takao; and Akimoto, Toshio, 4,548,634, Cl. 65-79.000.

Onishi, Toshio: *See—*
Asada, Takafumi; Onishi, Toshio; Senma, Kajuyoshi; and Matsumoto, Hideo, 4,557,610, Cl. 384-107.000.

Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, to Agency of Industrial Science and Technology; and Sumitomo Electric Industries, Ltd. Al-Stabilized superconducting wire and the method for producing the same. 4,506,109, 3-19-85, Cl. 174-128.00S.

Onishi, Toshiya; Oshima, Susumu; Mikata, Hiromi; Nakata, Haruo; and Horiuchi, Masami, to Daikin Kogyo Co., Ltd. Heat exchanger for air conditioning system. 4,545,428, 10-8-85, Cl. 165-110.000.

Onishi, Toshiyuki: *See—*
Motoyama, Takeshi; Onishi, Toshiyuki; and Yokoyama, Kunio, 4,499,738, Cl. 62-155.000.

Onishi, Yasunobu: *See—*
Hayase, Shuzi; Onishi, Yasunobu; and Suzuki, Shuichi, 4,495,042, Cl. 204-159.140.

Onitsuka, Hatsuki; Saito, Shin; and Fukuda, Hideo, to Asahi Kasei Kogyo Kabushiki Kaisha. Packed column having pressure-absorbing mechanism. 4,557,830, 12-10-85, Cl. 210-198.200.

Onitsuka, Masaaki; and Fujiwara, Kazuyuki, to Toyota Jidosha Kabushiki Kaisha. Connecting pin configuration. 4,560,186, 12-24-85, Cl. 280-752.000.

Onizuka, Katsumi: *See—*
Watase, Tosio; Mori, Koichi; Sasaki, Kazuo; Onizuka, Katsumi; Yoshikawa, Yuzo; and Fujita, Takeshi, 4,502,323, Cl. 73-49.600.

Onizuka, Masahiro, to Mitsubishi Denki Kabushiki Kaisha. Dielectric fluid for electrical discharge machining. 4,536,633, 8-20-85, Cl. 219-69.00D.

Onkyo Kabushiki Kaisha: *See—*
Koga, Yoshiro; and Nakao, Kenji, 4,555,751, Cl. 363-44.000.

Ono, Chikai: *See—*
Toyoda, Kazuhiro; and Ono, Chikai, 4,525,812, Cl. 365-155.000.

Ono, Eiichi; and Aoki, Akio, to Nissan Motor Company, Limited. Wiper-mounted retractable head lamp assembly. 4,507,711, 3-26-85, Cl. 362-61.000.

Ono, George Y.: *See—*
Kubert, Vincent T.; Frampton, John C.; and Ono, George Y., 4,493,257, Cl. 101-349.000.

Ono, Hideyo, to Mitsubishi Denki Kabushiki Kaisha. Aural transmitter device. 4,506,381, 3-19-85, Cl. 381-94.000.

Ono, Hiromi; and Inoue, Takemi, to Kawasaki Jukogyo Kabushiki Kaisha. Water jet propulsion system. 4,541,808, 9-17-85, Cl. 440-42.000.

Ono, Hiroshi: *See—*
Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, 4,504,679, Cl. 564-67.000.

Ono, Hiroyuki, to Yamamura Glass Co., Ltd. Method of producing glass bottles. 4,493,722, 1-15-85, Cl. 65-30.140.

Ono, Hisashi: *See—*
Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi, 4,554,202, Cl. 428-225.000.

Ono, Hitoshi: *See—*
Imazeki, Shuji; Mukoh, Akio; Morishita, Hirosada; Imahori, Seiichi; Kaneko, Masaharu; and Ono, Hitoshi, 4,495,083, Cl. 252-299.100.

Ono, Kaoru: *See—*
Yamada, Osamu; Murooka, Hideyasu; Ono, Kaoru; and Miyashita, Akimi, 4,557,792, Cl. 156-583.100.

Ono, Katsuyasu, to NSK-Warner K.K. Automatic locking retractor. 4,496,116, 1-29-85, Cl. 242-107.40D.

Ono, Katsuyasu; and Sato, Tomosaburo, to NSK-Warner K.K. Clinching process of buckle base and wire rope. 4,498,222, 2-12-85, Cl. 29-509.000.

Ono, Katsuyasu, to NSK-Warner K.K. Automatic locking retractor. 4,498,643, 2-12-85, Cl. 242-107.40D.

Ono, Katsuyasu, to NSK-Warner K.K. Mounting arrangement for through anchor. 4,500,115, 2-19-85, Cl. 280-808.000.

Ono, Katsuyasu, to NSK-Warner K.K. Position adjuster for seat belt. 4,536,011, 8-20-85, Cl. 280-808.000.

Ono, Katsuyasu, to NSK-Warner K.K. Automatic locking retractor. 4,541,580, 9-17-85, Cl. 242-107.40D.

Ono, Katsuyasu, to NSK-Warner K.K. Adjustable anchor mounting device. 4,552,408, 11-12-85, Cl. 297-483.000.

Ono, Katsuyasu: *See—*
Kawai, Osamu; and Ono, Katsuyasu, 4,555,074, Cl. 242-107.40A.

Ono, Kazuhiro: *See—*
Yabe, Masao; Naruo, Kyoichi; and Ono, Kazuhiro, 4,499,043, Cl. 264-207.000.

Ono, Kazumasa; and Okoshi, Koichi, to Midori-Anzen Industry Co., Ltd. Antistatic clothing. 4,546,497, 10-15-85, Cl. 2-243.00A.

Ono, Kazuo: *See—*
Nakazawa, Yuzo; Ono, Kazuo; Tanaka, Masaki; Morita, Takao; and Kurosaki, Takefumi, 4,542,356, Cl. 333-195.000.

Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki, to Sumitomo Chemical Company, Limited. Bicyclooctane derivatives. 4,493,846, 1-15-85, Cl. 424-308.000.

Ono, Keiichi; Sugie, Akihiko; Muraoka, Masami; and Yamamoto, Michihiro, to Sumitomo Chemical Company, Limited. Imino-bicyclo (3.3.0) octane derivatives. 4,537,989, 8-27-85, Cl. 562-501.000.

- Ono, Kensaku: *See—*
  - Iwakura, Mitsuo; Takahashi, Toru; and Ono, Kensaku, 4,542,339, Cl. 324-121.00R.
- Ono, Kimizo, to Sumitomo Electric Industries, Ltd. Sensor for spectral analyzer for living tissues. 4,548,505, 10-22-85, Cl. 356-445.000.
- Ono, Kimizo; and Tsuno, Koichi, to Sumitomo Electric Industries, Ltd. Apparatus for checking the internal surface of a pipe or the like. 4,557,598, 12-10-85, Cl. 356-241.000.
- Ono, Kimizo: *See—*
  - Abe, Hiroshi; Sato, Nobuhiro; Ono, Kimizo; and Hirano, Kazuo, 4,513,751, Cl. 128-666.000.
  - Yoshida, Kenichi; Ono, Kimizo; and Iwamoto, Tomio, 4,494,823, Cl. 350-96.220.
  - Yoshida, Kenichi; Yokohara, Takashi; Ono, Kimizo; Nishiwaki, Yoshikazu; and Tsuno, Koichi, 4,547,072, Cl. 356-350.000.
- Ono, Kinichi: *See—*
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.
- Ono, Koji: *See—*
  - Morita, Yukichi; Ono, Koji; Ogata, Eiji; and Manabe, Osamu, 4,558,161, Cl. 568-34.000.
- Ono, Kouji: *See—*
  - Sakamoto, Eiichi; Kawasaki, Mikio; Ono, Kouji; Fukuoji, Kakujulo; and Fujimori, Noboru, 4,500,631, Cl. 430-413.000.
- Ono, Kuniaki: *See—*
  - Wakabayashi Masaru; and Ono, Kuniaki, 4,501,314, Cl. 164-441.000.
- Ono, Masaaki; Motegi, Masahiko; and Okabe, Kazuo, to Toray Industries, Inc. Polyester film for magnetic recording medium. 4,548,855, 10-22-85, Cl. 428-147.000.
- Ono, Masaaki; Miura, Yasuki; Motegi, Masahiko; and Okabe, Kazuo, to Toray Industries, Inc. Laminated film and magnetic recording medium made therewith. 4,550,049, 10-29-85, Cl. 428-141.000.
- Ono, Masahiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Digital to analog converting apparatus. 4,547,762, 10-15-85, Cl. 340-347.0DA.
- Ono, Masaru: *See—*
  - Sawano, Yukio; and Ono, Masaru, 4,549,797, Cl. 353-27.00A.
- Ono, Masashi: *See—*
  - Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, 4,543,378, Cl. 524-100.000.
- Ono, Mikiya: *See—*
  - Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.
- Ono, Minoru; Makino, Teruyoshi; and Kikuchi, Hisashi, to Fuji Photo Film Co., Ltd. Film unit for instant camera. 4,546,061, 10-8-85, Cl. 430-207.000.
- Ono, Mitsunori; Itoh, Isamu; Mihayashi, Keiji; and Karino, Yukio, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material. 4,500,636, 2-19-85, Cl. 430-566.000.
- Ono, Mitsunori; and Itoh, Isamu, to Fuji Photo Film Co., Ltd. Silver halide material with photographic agent blocked by nucleophilic attack removable group. 4,554,243, 11-19-85, Cl. 430-543.000.
- Ono, Mitsunori: *See—*
  - Yagihara, Morio; Ikegawa, Akihiko; Ono, Mitsunori; and Mihara, Yuji, 4,518,685, Cl. 430-505.000.
- Ono, Motoji; Hirao, Masao; and Fukushima, Shigehisa, to Kirin Beer Kabushiki Kaisha. Device for recovering contents in containers such as beer bottles. 4,519,427, 5-28-85, Cl. 141-65.000.
- Ono, Nobuhiro; and Miwa, Eiji, to Inax Corporation. Fiber reinforced resin molded articles for electromagnetic waves and method for production thereof. 4,554,204, 11-19-85, Cl. 428-246.000.
- Ono, Noriaki: *See—*
  - Kohara, Satsuki; and Ono, Noriaki, 4,512,870, Cl. 204-416.000.
- Ono, Osamu, to Nakuru Inc. Lettering machine. 4,493,152, 1-15-85, Cl. 33-25.00R.
- Ono Pharmaceutical Co., Ltd.: *See—*
  - Imaki, Katsuhiro; Muryobayashi, Takashi; and Kawasaki, Akiyoshi, 4,562,207, Cl. 514-573.000.
  - Inaba, Kohji; Sasatani, Seiei; Koide, Tatsushi; and Nanya, Tamio, 4,552,751, Cl. 424-19.000.
  - Masuda, Yoshinobu, 4,499,085, Cl. 514-58.000.
  - Sakai, Yoshiki; Imaki, Katsuhiro; and Muryobayashi, Takashi, 4,503,068, Cl. 514-412.000.
  - Wakatsuka, Hirohisa; Yamato, Takashi; and Hashimoto, Shinsuke, 4,562,204, Cl. 514-530.000.
- Ono, Sadao: *See—*
  - Hamada, Masanori; and Ono, Sadao, 4,525,869, Cl. 455-277.000.
- Ono, Satoshi; Sugita, Hiroshi; and Hiramitsu, Tetsushi, to Toyoda Gosei Co., Ltd. Steering wheel. 4,541,301, 9-17-85, Cl. 74-484.00R.
- Ono, Satoshi: *See—*
  - Hiramitsu, Tetsushi; Sugita, Hiroshi; Ono, Satoshi; and Murase, Zenzaburo, 4,561,324, Cl. 74-498.000.
- Ono, Seigo: *See—*
  - Kayanoki, Katsuhiko; Teramachi, Kazuo; Ono, Seigo; and Hashimoto, Yasuyuki, 4,560,054, Cl. 192-106.200.
- Ono Seiko Co., Ltd.: *See—*
  - Kataoka, Takeshi; Aoki, Ryoichi; Matsui, Hisashi; and Matsumoto, Hiroshi, 4,515,024, Cl. 74-10.330.
- Ono, Shigetoshi; and Furusawa, Genichi, to Fuji Photo Film Co., Ltd. Color photographic materials with chelatable azo dyes. 4,529,692, 7-16-85, Cl. 430-562.000.
- Ono, Shigetoshi; Harada, Toru; Suzuki, Hirohisa; Tanaka, Mitsugu; and Nakamura, Shigeru, to Fuji Photo Film Co., Ltd. Photographic light-sensitive material with 4-(paranitrophenylazo)naphthol dyes. 4,533,626, 8-6-85, Cl. 430-562.000.
- Ono, Shigetoshi: *See—*
  - Fujita, Shinsaku; Maekawa, Yukio; and Ono, Shigetoshi, 4,493,885, Cl. 430-223.000.
  - Takaki, Hideki; Hayashi, Hiroshi; Ono, Shigetoshi; and Okamura, Hisashi, 4,506,002, Cl. 430-215.000.
  - Toriuchi, Masaharu; and Ono, Shigetoshi, 4,560,645, Cl. 430-562.000.
- Ono, Shoji: *See—*
  - Saitoh, Hiroshi; Kadooka, Katsuyuki; Tsukamoto, Mamoru; Ono, Shoji; and Ohkawa, Masaki, 4,552,772, Cl. 426-557.000.
  - Suzuki, Yoji; Imaizumi, Atsushi; Yamaguchi, Hisao; Kanesaki, Masaharu; and Ono, Shoji, 4,500,639, Cl. 435-244.000.
- Ono, Shusuke: *See—*
  - Mitsuyu, Tsuneo; Ono, Shusuke; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,501,987, Cl. 310-313.00A.
- Ono, Sumio: *See—*
  - Chiba, Ko; Wada, Yoshiaki; Miida, Hiroshi; and Ono, Sumio, 4,542,907, Cl. 277-140.000.
- Ono, Tadahiro, to Toshiba Kikai Kabushiki Kaisha; and Toei Denki Kabushiki Kaisha. Resolver-type rotational positioning arrangement. 4,529,922, 7-16-85, Cl. 318-603.000.
- Ono, Taizo: *See—*
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,526,969, Cl. 546-164.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,534,978, Cl. 514-429.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,542,147, Cl. 514-411.000.
- Ono, Takashi: *See—*
  - Hasebe, Koshi; Miura, Kunio; Ono, Takashi; Akutsu, Kazushi; and Minami, Kazuaki, 4,513,377, Cl. 364-449.000.
  - Miura, Kunio; Hasebe, Koshi; Ono, Takashi; Akutsu, Kazushi; Ohyama, Shinji; and Minami, Kazuaki, 4,504,913, Cl. 364-449.000.
  - Miura, Kunio; and Ono, Takashi, 4,511,973, Cl. 364-449.000.
  - Yamada, Shunsuke; Kawate, Kenji; Ono, Takashi; Arakawa, Hideo; and Suda, Tsuyoshi, 4,496,312, Cl. 432-11.000.
  - Yoshinada, Hiroshi; Oshima, Hiroshi; and Ono, Takashi, 4,531,082, Cl. 318-663.000.
- Ono, Takatoshi, to Disco Abrasive Systems, Ltd. Machining device equipped with blade inspecting means. 4,558,686, 12-17-85, Cl. 125-13.00R.
- Ono, Takatoshi: *See—*
  - Sekiya, Shinji; and Ono, Takatoshi, 4,545,154, Cl. 51-209.00R.
- Ono, Takayuki: *See—*
  - Yamaguchi, Tadashi; Ono, Takayuki; Hirata, Michitoshi; and Yokoyama, Toshihiko, 4,537,645, Cl. 149-3.000.
- Ono, Takuhiro: *See—*
  - Miyata, Takeo; Ono, Takuhiro; and Iwabuchi, Takashi, 4,533,593, Cl. 428-215.000.
- Ono, Takuro, to Aisin Seiki Kabushiki Kaisha. Hydraulic lifter for internal combustion engines. 4,554,895, 11-26-85, Cl. 123-90.550.
- Ono, Takuro: *See—*
  - Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, 4,509,467, Cl. 123-90.160.
  - Arai, Fuminao; Kodama, Hisashi; and Ono, Takuro, 4,523,551, Cl. 123-90.460.
- Ono, Terumichi: *See—*
  - Cka, Ken-ichiro; Mineo, Masatoshi; and Ono, Terumichi, 4,517,149, Cl. 264-210.800.
- Ono, Tetsuji; Ichihara, Shoichi; Ohata, Tomohisa; and Terui, Sadao, to Nippon Shokubai Kagaku Kogyo Co., Ltd. Process for producing honeycomb catalyst for exhaust gas conversion. 4,504,598, 3-12-85, Cl. 502-303.000.
- Ono, Toshiro: *See—*
  - Matsuo, Seitaro; and Ono, Toshiro, 4,492,620, Cl. 204-192.00R.
  - Yoshihara, Hideo; Ozawa, Akira; Sekimoto, Misao; and Ono, Toshiro, 4,515,876, Cl. 430-5.000.
- Ono, Toyoichi: *See—*
  - Sato, Fumihide; and Ono, Toyoichi, 4,541,393, Cl. 123-502.000.
- Ono, Tuyoshi: *See—*
  - Oishi, Kengo; and Ono, Tuyoshi, 4,530,017, Cl. 360-60.000.
- Ono, Yoshifumi: *See—*
  - Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.
- Ono, Yoshio; and Tanaka, Takashi, to Nisshin Steel Co., Ltd. Apparatus for continuous hot dipping of metal strip. 4,519,337, 5-28-85, Cl. 118-33.000.
- Ono, Yoshio; and Sakamoto, Seiya, to Dainippon Screen Seizo Kabushiki Kaisha. Method and apparatus for simultaneously outputting a graphic signal and an alphanumeric signal by using an image reproducing system. 4,521,814, 6-4-85, Cl. 358-296.000.

- Ono, Yotsuo: *See—*
  - Yokogi, Masanobu; Sugimoto, Yoshifumi; and Ono, Yotsuo, 4,535,028, Cl. 428-398.000.
- Ono, Yukio: *See—*
  - Kitano, Seiichi; and Ono, Yukio, 4,515,256, Cl. 192-18.00R.
- Onoda Cement Co., Ltd.: *See—*
  - Hagiwara, Hiroshi; Shirasaka, Masaru; and Nagayama, Hajime, 4,540,553, Cl. 423-230.000.
  - Take, Takao; Kaneko, Katuaki; and Otozaki, Sigeo, 4,544,424, Cl. 156-39.000.
- Onoda Construction Materials Co., Ltd.: *See—*
  - Shimizu, Toshihiko, 4,536,417, Cl. 427-140.000.
- Onoda, Hajime; and Arakawa, Kunio, to Kimmon Manufacturing Co., Inc. Flow meter. 4,548,084, 10-22-85, Cl. 73-861.810.
- Onoda, Hiroshi; and Mizuno, Kenji, to Brother Kogyo Kabushiki Kaisha. Recording apparatus. 4,532,521, 7-30-85, Cl. 346-33.00R.
- Onoda, Izumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Hermetic type compressor and production methods thereof with reduced thickness casing portions for welding. 4,526,522, 7-2-85, Cl. 418-63.000.
- Onoda, Kenji; and Kawasima, Yukio, to Mizuno Corporation. Midsole assembly for an athletic shoe. 4,561,195, 12-31-85, Cl. 36-30.00R.
- Onoda, Shigeyoshi: *See—*
  - Kanemitsu, Shinji; Onoda, Shigeyoshi; Nishino, Fumio; Nomura, Akihiro; Mizutani, Morikazu; and Nitanda, Hiroshi, 4,551,000, Cl. 355-3.00R.
  - Toyono, Tsutomu; and Onoda, Shigeyoshi, 4,540,268, Cl. 355-3.00R.
- Onoda, Yuichi: *See—*
  - Wada, Hiroshi; Kawamori, Masatoshi; Tamaki, Hajime; and Onoda, Yuichi, 4,529,602, Cl. 514-569.000.
- Onodera, Hiromi; Wakabayashi, Noriaki; Yamada, Kiichiro; and Sugizaki, Yasushi, to Matsushita Electric Industrial Co., Ltd. Linear motor. 4,504,750, 3-12-85, Cl. 310-12.000.
- Onodera, Hiromi: *See—*
  - Wakabayashi, Noriaki; Yamada, Kiichiro; and Onodera, Hiromi, 4,507,598, Cl. 318-687.000.
- Onodera, Hisakithi: *See—*
  - Onuki, Jin; Soeno, Ko; Morita, Keiichi; and Onodera, Hisakithi, 4,500,904, Cl. 357-67.000.
- Onodera, Kaoru: *See—*
  - Kagawa, Nobuaki; Fujimori, Noboru; Tanaka, Shigeo; and Onodera, Kaoru, 4,517,284, Cl. 430-591.000.
  - Nishijima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, 4,526,853, Cl. 430-139.000.
  - Nishijima, Toyoki; and Onodera, Kaoru, 4,540,653, Cl. 430-372.000.
  - Nishizima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, 4,540,656, Cl. 430-505.000.
  - Sasaki, Masao; and Onodera, Kaoru, 4,518,686, Cl. 430-512.000.
  - Sasaki, Masao; and Onodera, Kaoru, 4,540,658, Cl. 430-551.000.
  - Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, 4,526,864, Cl. 430-551.000.
  - Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, 4,537,857, Cl. 430-549.000.
  - Uemura, Morito; and Onodera, Kaoru, 4,562,138, Cl. 430-219.000.
- Onodera, Tamio; Sakai, Tokuji; Yamasaki, Yasuo; and Sumitani, Koji, to Teijin Petrochemical Industries Ltd. Crystalline aluminosilicate zeolite and process for production thereof. 4,524,055, 6-18-85, Cl. 423-328.000.
- Onodera, Tamio: *See—*
  - Sumitani, Koji; Sakai, Tokuji; Yamasaki, Yasuo; and Onodera, Tamio, 4,557,919, Cl. 423-329.000.
- Onoe, Akira: *See—*
  - Kato, Taketoshi; and Onoe, Akira, 4,521,801, Cl. 357-71.000.
- Onoe, Yasumitsu: *See—*
  - Tamehiro, Hiroshi; Mazuda, Hiroo; Ohashi, Mamoru; and Onoe, Yasumitsu, 4,521,258, Cl. 148-12.00F.
- Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, to Kabushiki Kaisha Kobe Seiko Sho. Apparatus for spraying an air-water mist cooling for use in continuous metal casting. 4,541,473, 9-17-85, Cl. 164-444.000.
- Onofusa, Norio: *See—*
  - Hiyoshi, Kazuhiko; Matsuura, Norio; Matsuguchi, Michiharu; Onofusa, Norio; and Nishikage, Tadao, 4,535,120, Cl. 524-560.000.
- Onomori Iron Works Co., Ltd.: *See—*
  - Arashi, Masahiro, 4,541,255, Cl. 68-22.00R.
- Onopchenko, Anatoli; Sabourin, Edward T.; and Selwitz, Charles M., to Gulf Research & Development Company. Process for preparing an ether solution of polyamic acids and polyimide resins. 4,560,721, 12-24-85, Cl. 524-378.000.
- Onoratti, James L.: *See—*
  - Newell, S. David; Matko, William F.; Onoratti, James L.; and Parrott, Lawrence H., 4,549,337, Cl. 29-527.400.
- Onoue, Hiroshi: *See—*
  - Narisada, Masayuki; Onoue, Hiroshi; Ohtani, Mitsuaki; and Watanabe, Fumihiko, 4,504,658, Cl. 544-90.000.
- Onoue, Makoto: *See—*
  - Inoue, Kiyoshi; Onoue, Makoto; and Sano, Sadao, 4,551,602, Cl. 219-69.00D.
- Onoyama, Takashi; Ando, Osamu; and Minakata, Tsuyoshi, to Nippon Yakin Kogyo Co., Ltd. Apparatus for producing flake particles. 4,552,199, 11-12-85, Cl. 164-423.000.
- Onozawa, Kazuo, to Oki Electric Industry Co., Ltd. Ramark beacon apparatus. 4,510,497, 4-9-85, Cl. 343-5.0EM.
- Onozawa, Kazuyoshi: *See—*
  - Yokoe, Sadao; Abe, Seimei; Wakata, Shoichi; Endou, Satosi; and Onozawa, Kazuyoshi, 4,519,549, Cl. 239-703.000.
- Onsrud, Charles R. Routing machines. 4,537,234, 8-27-85, Cl. 144-134.00A.
- Ontario Cancer Institute, The: *See—*
  - Hunt, John W.; and Patterson, Michael S., 4,495,817, Cl. 73-624.000.
- Ontario Crippled Children's Centre: *See—*
  - Ginpil, Frederick D.; Milner, Morris; and Senders, John W., 4,547,918, Cl. 5-446.000.
- Ontario Die Company Limited: *See—*
  - Levene, Martin M.; and Lessard, William W., 4,543,862, Cl. 83-19.000.
- Ontario Research Foundation: *See—*
  - Brandstatter, Hans G., 4,521,385, Cl. 423-76.000.
  - Hrvojic, Ivan, 4,538,452, Cl. 73-61.400.
  - Lakshmanan, Vaikuntam I.; and Biskupski, Jurgen K., 4,537,628, Cl. 75-118.00R.
  - Sweet, Edmund G. F., 4,548,080, Cl. 73-432.0SD.
- Ontek, Louis. Liquid sampling apparatus and method of manufacture therefor. 4,561,315, 12-31-85, Cl. 73-864.640.
- Onuki, Akio: *See—*
  - Fujioka, Yoshiharu; Onuki, Akio; and Sakamoto, Tomio, 4,509,084, Cl. 360-84.000.
  - Fujioka, Yoshiharu; Onuki, Akio; and Takei, Shushi, 4,562,503, Cl. 360-123.000.
  - Takei, Shushi; and Onuki, Akio, 4,531,170, Cl. 360-119.000.
- Onuki, Jin; Soeno, Ko; Morita, Keiichi; and Onodera, Hisakithi, to Hitachi, Ltd. Semiconductor device. 4,500,904, 2-19-85, Cl. 357-67.000.
- Onuki, Jin: *See—*
  - Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.
- Onuki, Katsuhiro: *See—*
  - Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.
- Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, to Mitsubishi Chemical Industries Limited; and Asia Oil Company Limited. Process for producing porous refractory inorganic oxide products. 4,508,841, 4-2-85, Cl. 502-73.000.
- Onuma, Masashi, to Toyota Jidosha Kabushiki Kaisha. Air pressure filling system for tires. 4,506,708, 3-26-85, Cl. 141-4.000.
- Onuma, Takehiko: *See—*
  - Minekane, Tomiharu; Yokotani, Noboru; and Onuma, Takehiko, 4,549,809, Cl. 356-436.000.
- Onuma, Tatsuro: *See—*
  - Tanaka, Toshiaki; Fukai, Masao; Onuma, Tatsuro; and Kinoshita, Ryohei, 4,498,256, Cl. 40-475.000.
- Onuma, Tsutomu; and Hataya, Fumio, to Hitachi, Ltd. Welded structural member having high erosion resistance. 4,499,158, 2-12-85, Cl. 428-682.000.
- Onzou, Michio: *See—*
  - Sato, Hideyori; Inaba, Nobuaki; Arai, Mitsuru; and Onzou, Michio, 4,520,625, Cl. 60-464.000.
- Ooba, Kaoru: *See—*
  - Shiraiwa, Toshiyuki; and Ooba, Kaoru, 4,514,721, Cl. 340-527.000.
- Ooba, Yuji: *See—*
  - Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, 4,511,642, Cl. 430-161.000.
- Ooe, Akihiko; and Fuse, Masaki, to Mitsubishi Rayon Co., Ltd. Method for determination of percentage T cell content of lymphocyte. 4,562,593, 12-31-85, Cl. 382-6.000.
- Ooe, Tsuguo: *See—*
  - Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, 4,510,374, Cl. 219-146.100.
- Ooga, Hirotomo; and Sakurai, Hiromi, to Mitsubishi Denki Kabushiki Kaisha. Method of making a semiconductor device having protected edges. 4,499,657, 2-19-85, Cl. 29-578.000.
- Ooga, Tomonari: *See—*
  - Higuchi, Seizun; Ooga, Tomonari; Tsukamoto, Yukio; Kamada, Minoru; and Nomura, Yukio, 4,501,802, Cl. 428-629.000.
- Oogai, Michiharu; Seita, Toru; Takeshige, Kosuke; and Shuyama, Hideo, to Toyo Soda Manufacturing Co., Ltd. Method of producing cation-exchange membrane having roughed surface. 4,537,910, 8-27-85, Cl. 521-27.000.
- Oohara, Riichiro, to Toyo Rubber Industry Co., Ltd., The. Rubber composition with trithiol triazine and cobalt salt. 4,550,147, 10-29-85, Cl. 525-332.600.
- Oohashi, Yoshimitsu: *See—*
  - Matsuda, Yoshiaki; Oohashi, Yoshimitsu; Sanpei, Keiichi; and Nagamine, Yoshifumi, 4,543,079, Cl. 474-111.000.
- Oohashi, Yutaka, to Mitsubishi Denki Kabushiki Kaisha. Ignition coil device for internal combustion engine. 4,516,558, 5-14-85, Cl. 123-634.000.
- Oohashi, Yutaka, to Mitsubishi Denki Kabushiki Kaisha. Ignition coil device for internal combustion engine. 4,516,559, 5-14-85, Cl. 123-634.000.
- Oohori, Harumi: *See—*
  - Nogami, Takahiro; Akahori, Shigetaka; Oohori, Harumi; and Nakanishi, Nobuyasu, 4,497,395, Cl. 192-4.00A.
- Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Mori, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha; and Nippon

Kogaku K.K. Color image pickup device. 4,527,189, 7-2-85, Cl. 358-29.000.

Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Sukegawa, Tsuneo, to Tokyo Shibaura Denki Kabushiki Kaisha; and Nippon Kogaku K.K. Image pickup apparatus. 4,554,587, 11-19-85, Cl. 358-228.000.

Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, to Nippon Telegraph & Telephone Public Corporation; and Tokyo Shibaura Denki Kabushiki Kaisha. Radio interference detection device for use in a multichannel access angle-modulation radio system. 4,498,195, 2-5-85, Cl. 455-205.000.

Ooishi, Tadashi. *See—*
Tagami, Manabu; Urayama, Kenzi; Ooishi, Tadashi; Okamoto, Yukikazu; and Tsuji, Kozo, 4,536,498, Cl. 514-147.000.
Yamada, Yoshimi; Ooishi, Tadashi; Kato, Toshiro; and Mukai, Kunio, 4,507,284, Cl. 514-140.000.

Ooizumi, Masayuki: *See—*
Uekita, Masakazu; Fushiki, Yasuo; and Ooizumi, Masayuki, 4,557,784, Cl. 156-307.700.

Ooka, Akihiro: *See—*
Satoh, Koji; Ooka, Akihiro; and Wada, Yutaka, 4,542,526, Cl. 382-13.000.

Ooka, Naoto: *See—*
Ohba, Masahiro; Ito, Kenzo; Akiyama, Susumu; Hirabayashi, Yuuji; Hirano, Satoshi; and Ooka, Naoto, 4,499,544, Cl. 364-431.040.

Ooka, Yuzo, to Honda Giken Kogyo Kabushiki Kaisha. Shift drum type speed change mechanism for motorcycles. 4,491,031, 1-1-85, Cl. 74-337.500.

Ooka, Yuzo, to Honda Giken Kogyo Kabushiki Kaisha. Clutch release apparatus for change speed transmission. 4,518,070, 5-21-85, Cl. 192-85.0CA.

Ookawa, Hiroyuki: *See—*
Asai, Mamoru; Mitani, Tsuneyoshi; and Ookawa, Hiroyuki, 4,514,856, Cl. 377-8.000.
Nogi, Hiroyoshi; and Ookawa, Hiroyuki, 4,560,154, Cl. 271-10.000.

Ookawa, Junji: *See—*
Honda, Haruyoshi; Sato, Susumu; Isomae, Kazuo; Ookawa, Junji; and Kuwamura, Tsukasa, 4,560,785, Cl. 560-52.000.

Ookawa, Kiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Ignition apparatus for internal combustion engine. 4,559,916, 12-24-85, Cl. 123-418.000.

Ookuma, Humio: *See—*
Dairiki, Osamu; Ookuma, Humio; and Asano, Hiroyuki, 4,494,205, Cl. 364-472.000.

Oomen, Joris J. C.: *See—*
Driessen, Antonius J. G. C.; Geertsema, Eise B.; Oomen, Joris J. C.; and Rouwendal, Jan W., 4,501,799, Cl. 428-446.000.

Oomori, Kiyosi: *See—*
Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.

Oomori, Shogo: *See—*
Murakami, Nobuaki; and Oomori, Shogo, 4,534,334, Cl. 123-571.000.

Ooms, Julius, to Procter & Gamble Company, The. Surfactant compositions. 4,547,301, 10-15-85, Cl. 252-8.800.

Oomura, Etsuji: *See—*
Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, 4,561,096, Cl. 372-46.000.

Oonaka, Hidemi; and Uchitani, Nobuki, to Toyota Jidosha Kabushiki Kaisha. Method and system for controlling intake flow between direct and helical intake passages of intake port of internal combustion engine. 4,527,519, 7-9-85, Cl. 123-188.00M.

Oonishi, Taizo: *See—*
Kawaguchi, Takeshi; Ishikawa, Yoshimi; and Oonishi, Taizo, 4,552,373, Cl. 280-276.000.

Oonishi, Yutaka: *See—*
Horii, Hitoshi; and Oonishi, Yutaka, 4,523,075, Cl. 219-88.000.

Oono, Hiroshi; and Teshima, Tsutomu, to Fuji Photo Film Co., Ltd. Cassette having radiation image storage medium. 4,498,005, 2-5-85, Cl. 250-327.200.

Oono, Kenzo: *See—*
Yoshida, Yukio; and Oono, Kenzo, 4,529,920, Cl. 318-466.000.

Oono, Masaji: *See—*
Umezawa, Hamao; Oono, Masaji; Ishihama, Hiroshi; Kyotani, Yoshinori; and Takahashi, Yoshio, 4,511,509, Cl. 260-239.00A.

Oosaka, Kuniaki: *See—*
Hamada, Makoto; Hasegawa, Junji; and Oosaka, Kuniaki, 4,550,948, Cl. 296-202.000.

Oosawa, Seiichi: *See—*
Kurihara, Toshio; Kunita, Masao; Yasunaga, Makoto; Masuda, Katuya; Moriya, Takashi; and Oosawa, Seiichi, 4,509,421, Cl. 101-93.040.

Oose, Seiroku: *See—*
Suzuki, Koichi; Oose, Seiroku; So, Yuzo; and Hirao, Yasutaka, 4,509,104, Cl. 362-32.000.

Ooshima, Katsuaki: *See—*
Fujisawa, Noriyoshi; Ooshima, Katsuaki; Iijima, Junko; and Deguchi, Katsuhiko, 4,526,710, Cl. 252-545.000.

Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, to Kabushiki Kaisha Kobe Seiko Sho. Inspection method of square billet using electronic scanning. 4,537,073, 8-27-85, Cl. 73-602.000.

Oosuga, Minoru; and Ohyama, Yoshishige, to Hitachi, Ltd. Air-flow meter for internal combustion engine. 4,494,405, 1-22-85, Cl. 73-118.000.

Oosyns, Jean: *See—*
Boitiaux, Jean-Paul; and Oosyns, Jean, 4,533,779, Cl. 585-259.000.

Oota, Hideaki: *See—*
Sawano, Kiyohito; Kouichi, Ryujiro; Oota, Hideaki; Takano, Masashi; and Moroe, Michio, 4,515,909, Cl. 523-102.000.

Oota, Tadaki: *See—*
Yamamoto, Tadahiro; and Oota, Tadaki, 4,501,709, Cl. 261-44.00D.

Oota, Tadashi; and Kawamura, Koichiro, to Nippon Kogaku K.K. Picture recording apparatus. 4,532,558, 7-30-85, Cl. 360-35.100.

Ootani, Hisao; and Maruyamano, Satoru, to Toyota Jidosha Kabushiki Kaisha. Clutch disc. 4,549,641, 10-29-85, Cl. 192-106.200.

Ootani, Tsuyoshi: *See—*
Takeuchi, Takashi; Kobayashi, Syoji; Ootani, Tsuyoshi; and Imamura, Tetsuya, 4,501,795, Cl. 428-329.000.

Ootsuga, Hisao: *See—*
Kamuro, Takashi; Ootsuga, Hisao; Saito, Isao; and Koga, Motoyuki, 4,556,580, Cl. 427-8.000.

Ootsuka, Kenichi; and Miyake, Yoshikazu, to Mitsubishi Denki Kabushiki Kaisha. Mobile electrical apparatus. 4,535,253, 8-13-85, Cl. 307-9.000.

Ootsuka, Yoshinori; Hattori, Tadashi; Yamamoto, Minoru; and Ozaki, Tadashi, to Nippon Soken, Inc.; and Nippondenso Co., Ltd. Device for detection of abnormality in pressure detector for internal combustion engine. 4,537,065, 8-27-85, Cl. 73-117.300.

Ootuka, Haruo: *See—*
Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.

Ootuka, Takayuki; and Murai, Toshiyuki, to Toyota Jidosha Kogyo Kabushiki Kaisha. Continuous method of fuel injection in electronically controlled engine. 4,550,703, 11-5-85, Cl. 123-478.000.

Oouchi, Tomihisa; Usui, Sampei; Fukuda, Tamio; and Nishiguchi, Akira, to Hitachi, Ltd. Multi-stage absorption refrigeration system. 4,520,634, 6-4-85, Cl. 62-476.000.

Oouchi, Tomihisa: *See—*
Nishiguchi, Akira; Usui, Sanpei; Oouchi, Tomihisa; and Iwai, Kazumi, 4,499,859, Cl. 122-18.000.

Ooue, Michio: *See—*
Kurihara, Yasutoshi; Suzuki, Yoshihiro; Ooue, Michio; Hachino, Hiroaki; and Yanagi, Mitsuo, 4,556,899, Cl. 357-80.000.
Wakui, Yoko; Hachino, Hiroaki; Sawahata, Mamoru; Soga, Tasao; Yasuda, Tomio; and Ooue, Michio, 4,516,149, Cl. 357-71.000.

Oowa, Takeshi: *See—*
Kurihara, Teruo; and Oowa, Takeshi, 4,519,093, Cl. 378-132.000.

Ooya, Kunihiko: *See—*
Toriyabe, Tetsuo; Ooya, Kunihiko; Nogami, Akira; and Sugawara, Kazunori, 4,531,626, Cl. 198-347.000.

Oozeki, Hikaru: *See—*
Yamano, Yuzo; and Oozeki, Hikaru, 4,534,215, Cl. 73-862.440.

Op De Beeck, Herbert K. M.; Peeters, Joannes M. T.; and Steeman, Peter K. R. M., to U.S. Philips Corporation. Gas and/or vapor discharge lamp provided with a U-shaped discharge tube. 4,527,083, 7-2-85, Cl. 313-25.000.

Op de Beek, Johannes C. A.; and Lobregt, Steven, to U.S. Philips Corporation. Method and computer tomography device for determining a tomographic image with elevated resolution. 4,555,760, 11-26-85, Cl. 364-414.000.

Op de Beek, Johannes C. A.: *See—*
Deckers, Willem H. M.; and Op de Beek, Johannes C. A., 4,549,265, Cl. 364-414.000.

Opalka, Chester J., Jr.: *See—*
Lesher, George Y.; Opalka, Chester J., Jr.; and Page, Donald F., 4,515,797, Cl. 514-349.000.
Lesher, George Y.; Opalka, Chester J., Jr.; and Page, Donald F., 4,559,352, Cl. 514-344.000.

Opcon, Inc.: *See—*
Fischer, William H., 4,515,336, Cl. 248-288.300.

Opel, Helmut. Method for obtaining lacrimal fluid. 4,526,178, 7-2-85, Cl. 128-760.000.

Opelika Manufacturing Corporation: *See—*
Brocklehurst, Charles E., 4,505,467, Cl. 270-53.000.
Heater, Charles P.; and Cooper, Bruce H., 4,548,595, Cl. 493-458.000.

Openchowski, Richard A.: *See—*
Hessel, William; Niemeyer, Wayne D.; Misra, Surya K.; and Openchowski, Richard A., 4,506,533, Cl. 72-42.000.

Opheij, Willem G.; and van Rosmalen, Gerard E., to U.S. Philips Corporation. Apparatus for recording and reading information tracks on an optical record carrier with a beam of radiation. 4,546,463, 10-8-85, Cl. 369-110.000.

Opie, Eric A.: *See—*
Auth, David C.; Opie, Eric A.; and Lawrence, Dale M., 4,532,924, Cl. 128-303.170.

Opitz, Norbert: *See—*
Lubbers, Dietrich W.; and Opitz, Norbert, 4,511,660, Cl. 436-163.000.

Opitz, Rigobert: *See—*
Flach, Jurgen, deceased; Opitz, Rigobert; Daugart, Heinz; and Baden, Hans-Gunter, 4,507,608, Cl. 324-220.000.

Opitz, Wolfgang; Jacobi, Haireddin; and Pelster, Bernhard, to Troponwerke GmbH & Co. KG. Quinazolinone derivatives. 4,539,402, 9-3-85, Cl. 544-247.000.

Opitz, Wolfgang: *See—*
Jahrig, Siegfried; and Opitz, Wolfgang, 4,540,862, Cl. 200-144.00B.

- Opladen, Gunter: *See—*
  - Keller, Manfred; and Opladen, Gunter, 4,562,354, Cl. 250-388.000.
- Opower, Hans, to W. C. Heraeus GmbH. Material working apparatus. 4,551,608, 11-5-85, Cl. 219-121.00L.
- Opower, Hans; and Ernst, Volker, to W. C. Heraeus GmbH. Gas laser. 4,553,242, 11-12-85, Cl. 372-87.000.
- Oppama Kogyo Kabushiki Kaisha: *See—*
  - Enomoto, Kiyoshige; and Iwata, Masao, 4,515,140, Cl. 123-603.000.
  - Watanabe, Hiromi, 4,512,303, Cl. 123-335.000.
- Oppelt, Arnulf: *See—*
  - Loeffler, Wilfried; Oppelt, Arnulf; and Siebold, Horst, 4,520,315, Cl. 324-309.000.
  - Loeffler, Wilfried; and Oppelt, Arnulf, 4,528,510, Cl. 324-309.000.
- Oppenhuisen, Fred H.; and Allee, Frank O., to National-Standard Company. Hold-down sickle guard. 4,519,192, 5-28-85, Cl. 56-298.000.
- Oppenlaender, Knut; Stork, Karl; and Barthold, Klaus, to BASF Aktiengesellschaft. Inhibitors against corrosion caused by CO_2 and H_2S in water-in-oil emulsions. 4,517,114, 5-14-85, Cl. 252-389.00R.
- Oppenlaender, Knut; Fikentscher, Rolf; Buettner, Egon; Slotman, Wilhelmus; Schwartz, Erich; and Mohr, Rudolf, to BASF Aktiengesellschaft. Demulsifiers for breaking crude-oil emulsions and their use. 4,537,701, 8-27-85, Cl. 252-344.000.
- Oppenlaender, Knut: *See—*
  - Greif, Norbert; Oppenlaender, Knut; Hettche, Albert; and Vamvakaris, Christos, 4,496,439, Cl. 204-55.00R.
- Oppenlander, Knut: *See—*
  - Baur, Richard; Oppenlander, Knut; Strickler, Rainer; and Barthold, Klaus, 4,546,151, Cl. 525-430.000.
- Oppici, Ernesto: *See—*
  - Dallatomasina, Franco; Ortica, Roberto; Giardino, Pietro; and Oppici, Ernesto, 4,549,987, Cl. 260-112.50R.
- Oppitz, Hans, to Eltac Nogler & Daum KG. Reinforcing or carrier element for structural material. 4,500,410, 2-19-85, Cl. 204-299.00R.
- Oppitz, Hans, to Eltac Nogler & Daum KG. Planar heating element. 4,518,851, 5-21-85, Cl. 219-549.000.
- Oppitz, Peter: *See—*
  - von der Eltz, Hans-Ulrich; and Oppitz, Peter, 4,546,624, Cl. 68-13.00R.
- Oppolzer, Wolfgang, to Sandoz Ltd. Process for the production of ergot alkaloids. 4,491,664, 1-1-85, Cl. 546-67.000.
- Opprecht, Jurg: *See—*
  - Opprecht, Paul; and Opprecht, Jurg, 4,495,397, Cl. 219-93.000.
- Opprecht, Paul; and Opprecht, Jurg, to Opprecht, Paul. Projection for resistance welding of soft metals. 4,495,397, 1-22-85, Cl. 219-93.000.
- Opprecht, Paul; Weil, Wolfgang; and Kaul, Martin, to Opprecht, Paul. Method and machine for electrical resistance roll seam welding with a single electrode-wire. 4,536,636, 8-20-85, Cl. 219-83.000.
- Oppy, John T.: *See—*
  - Dell, William J.; Gonsalves, Alexander A.; Flango, William E.; Guhl, Thomas E.; Freed, Lawrence H.; Oppy, John T.; and Baratta, Suzanne, 4,505,943, Cl. 426-565.000.
- Opresco, Ovidiu; and Marinesco, Jon D. Polymorphic twist puzzle. 4,513,970, 4-30-85, Cl. 273-153.00S.
- Opresko, Stephen T., to RCA Corporation. Cathode-ray tube having an electron gun assembly with a bimetal cathode eyelet structure. 4,514,660, 4-30-85, Cl. 313-446.000.
- Opresko, Stephen T., to RCA Corporation. Cathode-ray tube having a low power cathode assembly. 4,554,479, 11-19-85, Cl. 313-417.000.
- Opresko, Stephen T., to RCA Corporation. Cathode-ray tube having an improved low power cathode assembly. 4,558,254, 12-10-85, Cl. 313-446.000.
- Oprysko, Modest M.; and Beranek, Mark W., to Gould Inc. Method for depositing a micron-size metallic film on a transparent substrate utilizing a visible laser. 4,543,270, 9-24-85, Cl. 427-53.100.
- Opsahl, Allan W.: *See—*
  - Kasper, James R.; and Opsahl, Allan W., 4,510,714, Cl. 49-249.000.
- Opsal, Jon: *See—*
  - Rosencwaig, Allan; and Opsal, Jon, 4,522,510, Cl. 374-7.000.
- OPT Systems: *See—*
  - Kunicki, Wojciech; and Jackson, Gilbert S., 4,504,446, Cl. 422-186.190.
- Optelcom, Inc.: *See—*
  - Gould, Gordon, 4,547,774, Cl. 340-854.000.
- Opti-Copy, Inc.: *See—*
  - Wally, Joseph H., Jr., 4,494,867, Cl. 355-73.000.
- Optical Coating Laboratory, Inc.: *See—*
  - Anthon, Erik W., 4,538,913, Cl. 356-371.000.
  - Matteucci, John S.; Snyder, James K.; and Hahn, Robert E., 4,536,998, Cl. 52-171.000.
- Optical Communications Corporation: *See—*
  - Kuhn, Loughrey R., 4,561,117, Cl. 455-608.000.
- Optical Disc Corporation: *See—*
  - Winslow, John S., 4,539,673, Cl. 369-284.000.
- Optical Radiation Corporation: *See—*
  - Burk, Paul O., 4,504,982, Cl. 3-13.000.
- Optical Storage International: *See—*
  - Howard, P. Guy; and Hekker, Roeland M. T., 4,541,689, Cl. 350-255.000.
- Optik Innovation AB OIAB: *See—*
  - Astero, Ulf J., 4,537,474, Cl. 350-432.000.
- Optilon W. Erich Heilmann GmbH: *See—*
  - Heimberger, Helmut, 4,492,098, Cl. 66-202.000.
- Optima-Spanntechnik GmbH, Firma: *See—*
  - Stahl, Bernhard; and Bohm, Horst, 4,503,725, Cl. 74-424.80B.
- Optimetrix Corporation: *See—*
  - Phillips, Edward H., 4,496,194, Cl. 308-5.00R.
  - Phillips, Edward H., 4,540,278, Cl. 355-55.000.
- Optimizer, Limited: *See—*
  - Reinhard, George G.; Kinde, Ronald; and Singer, Bernard S., 4,517,926, Cl. 123-3.000.
- Optimum Manufacturing Inc.: *See—*
  - Vanelli, Johnny, 4,515,556, Cl. 431-253.000.
- Optische Werke G. Rodenstock: *See—*
  - Dietrich, Anton, 4,556,300, Cl. 351-137.000.
  - Guilino, Gunther; Barth, Rudolf; and Koppen, Werner, 4,504,128, Cl. 351-167.000.
- Opto Systems Incorporated: *See—*
  - Willmore, James A.; and Miszkiewicz, Henry L., 4,528,445, Cl. 235-469.000.
- Optrotech Ltd.: *See—*
  - Nun, Emmanuel B.; Izhar, Rafi; and Karpol, Avner, 4,555,727, Cl. 358-106.000.
- Optyl Eyewear Fashion International Corporation: *See—*
  - Dianitsch, Franz; and Pschebezin, Anton, 4,523,819, Cl. 351-106.000.
  - Dianitsch, Franz, 4,549,792, Cl. 351-63.000.
- Opus, Inc.: *See—*
  - Gainsboro, Leon; and Latham, Peter A., 4,498,423, Cl. 119-51.00R.
  - Latham, Peter A., 4,523,546, Cl. 119-51.00R.
- Orain, Michel A., to Glaenzer Spicer. Large operating angle constant-speed joint. 4,501,571, 2-26-85, Cl. 464-111.000.
- Orain, Michel A., to Glaenzer Spicer. Telescopic coupling employing rollers and applications thereof. 4,504,245, 3-12-85, Cl. 464-167.000.
- Orain, Michel A., to Glaenzer Spicer. Transmission joint and in particular an articulated constant-speed joint for a motor vehicle. 4,512,750, 4-23-85, Cl. 464-111.000.
- Orain, Michel A., to Glaenzer Spicer. Transmission for a motor vehicle. 4,518,370, 5-21-85, Cl. 464-113.000.
- Orain, Michel A., to Glaenzer Spicer. Sealing device including a bellows, in particular for a transmission joint. 4,557,491, 12-10-85, Cl. 277-212.0FB.
- Oral Ease Inc.: *See—*
  - Rosofsky, Paul M.; and Blumenfeld, Alfred M., 4,543,679, Cl. 15-110.000.
- Oram, John A. Operating theatre table light. 4,519,021, 5-21-85, Cl. 362-277.000.
- Orandi, Ahmad. Endoscope injection needle. 4,524,770, 6-25-85, Cl. 128-303.100.
- Orban Associates, Inc.: *See—*
  - Orban, Robert A., 4,495,643, Cl. 381-94.000.
  - Orban, Robert A., 4,525,857, Cl. 381-100.000.
- Orban, Erno ; Borvendeg, Janos; Nagy, Laszlo; Sotinee Tolvay, Marta; and Bander, Erzsebet, to Egyt Gyogyszervegyeszeti Gyar. Sustained release pharmaceutical compositions. 4,539,199, 9-3-85, Cl. 424-22.000.
- Orban, Ivan; and Troxler, Eduard, to Ciba-Geigy Corporation. Process for the preparation of polyaminotriazines. 4,492,791, 1-8-85, Cl. 544-198.000.
- Orban, Ivan, to Ciba-Geigy Corporation. Process for producing polyesters from aliphatic dicarboxylic acids and polyalkylpiperidyldiols. 4,507,463, 3-26-85, Cl. 528-279.000.
- Orban, Ivan; and Troxler, Eduard, to Ciba-Geigy Corporation. Process for the preparation of sterically hindered hydroxphenylcarboxylic acid esters. 4,536,593, 8-20-85, Cl. 560-75.000.
- Orban, John M., to Vivitar Corporation. Automatic battery charger with thermal control. 4,513,238, 4-23-85, Cl. 320-23.000.
- Orban, Joseph N. Integral tensioner assembly for tensioning, inserting and removing a stud. 4,535,656, 8-20-85, Cl. 81-57.380.
- Orban, Joseph N. Stud drive tool. 4,548,103, 10-22-85, Cl. 81-53.200.
- Orban, Robert A., to Orban Associates, Inc. Audio peak limiter using Hilbert transforms. 4,495,643, 1-22-85, Cl. 381-94.000.
- Orban, Robert A., to Orban Associates, Inc. Crossover network. 4,525,857, 6-25-85, Cl. 381-100.000.
- Orbisphere Corporation Wilmington: *See—*
  - Wright, Harry D.; Hale, John M.; and Weber, Eugen, 4,518,477, Cl. 204-415.000.
- Orbital Engine Company Proprietary Limited: *See—*
  - Koch, John W., 4,527,520, Cl. 123-196.00R.
  - McKay, Michael L., 4,554,945, Cl. 137-312.000.
  - Sarich, Tony R., 4,519,356, Cl. 123-533.000.
  - Simons, Peter W., 4,561,405, Cl. 123-531.000.
- ORC Manufacturing Co., Ltd.: *See—*
  - Miyamoto, Hiroshi, 4,525,060, Cl. 355-53.000.
  - Miyamoto, Hiroshi, 4,541,714, Cl. 355-99.000.
  - Murai, Kaoru, 4,547,066, Cl. 355-97.000.
  - Oki, Toshiro, 4,525,061, Cl. 355-72.000.
- Orchard Machinery Corporation: *See—*
  - Brandt, Richard W., 4,521,468, Cl. 428-35.000.
- Orchard, Rolf O., to Puritan-Bennett Corporation. Tube securing mechanism. 4,511,164, 4-16-85, Cl. 285-252.000.
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- Orcon Corporation: *See—*
  - Greci, John J.; and Hoopengardner, Merle C., 4,536,244, Cl. 156-304.400.
- Orcutt, Donald E.: *See—*
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Hirshfeld, Uri, 4,515,373, Cl. 273-317.000.

Ordidge, Roger J.; and Mansfield, Peter. Nuclear magnetic resonance methods. 4,509,015, 4-2-85, Cl. 324-309.000.

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Ore', Fernando, to Occidental Research Corporation. Removal of magnesium and/or aluminum values from impure aqueous phosphoric acid. 4,554,144, 11-19-85, Cl. 423-321.00R.

Ore-Ida Foods, Inc.: *See—*

Fogerson, Richard D., 4,526,093, Cl. 99-584.000.

Haury, John F.; and Hensley, Charles T., 4,542,030, Cl. 426-262.000.

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Olbrich, Hazel C.; and O'Rear, Dennis J., 4,502,945, Cl. 208-120.000.

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Burkum, Merlin E.; and O'Regan, Timothy M., 4,536,704, Cl. 324-52.000.

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Hauser, Frank M.; and Mal, Dipakranjan, 4,515,720, Cl. 260-351.100.

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Kuhl, Adolf, 4,506,916, Cl. 283-91.000.

Orelup, Richard B., to Morton Norwich Products. Reagent and process for detecting furfural in petroleum products. 4,514,503, 4-30-85, Cl. 436-60.000.

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Dureigne, Bernard; Guerillot, Stephane; and Regnault, Alain, 4,511,992, Cl. 364-825.000.

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Smakman, Robert; and van den Berg, Gerrit H., 4,542,015, Cl. 424-79.000.

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Becker, Harold D., 4,558,996, Cl. 417-374.000.

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Herzberg, Max; and Fish, Falk, 4,549,011, Cl. 536-31.000.

Orgeron, Orey C. Fire escape apparatus for use in high-rise buildings and the like. 4,520,900, 6-4-85, Cl. 182-238.000.

Oriental Metal Mfg. Co., Ltd.: *See—*

Tsumura, Kenji; and Yamashita, Masayuki, 4,521,276, Cl. 159-1.00W.

Oriental Yeast Co., Ltd.: *See—*

Nakatomi, Yasuo; Saito, Hiraku; Nagashima, Akihiro; and Umeda, Fumio, 4,547,374, Cl. 426-19.000.

Saito, Hiraku; Suzuki, Yasuo; Fujii, Katsumi; Miyazaki, Kaoru; and Horio, Takekazu, 4,507,233, Cl. 260-115.000.

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Tsunakawa, Shoji, 4,542,582, Cl. 29-622.000.

Origuchi, Shingo, to Idemitsu Kosan Company Limited. Construction for holding plastic film. 4,506,801, 3-26-85, Cl. 221-26.000.

Orii, Ken; and Kawakami, Takao, to Yamato Scientific Co., Ltd. Clean bench. 4,557,184, 12-10-85, Cl. 98-115.300.

Orii, Masaru, to Kabushiki Kaisha Orii Jidoki Seisakusho. Reversing apparatus. 4,498,840, 2-12-85, Cl. 414-759.000.

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Orikasa, Tetsuo, to Hitachi, Ltd. Armature coil winding apparatus for flat motor. 4,549,583, 10-29-85, Cl. 140-92.100.

Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, to Nippon Telegraph & Telephone Public Corporation; Sho-Bond Construction Co., Ltd.; and Communication Architecture and Building Research Corporation. Apparatus for and a method of repairing by filling with an adhesive. 4,555,286, 11-26-85, Cl. 156-94.000.

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Tomasello, Carl A., Jr., 4,527,937, Cl. 414-273.000.

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Faith, Richard W., 4,524,331, Cl. 330-292.000.

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Shizawa, Masao, 4,507,255, Cl. 264-45.100.

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Orita, Ryozo: *See—*

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Orjala, Markku, to Valtion Teknillinen Tutkimuskeskus. Burner for pellets. 4,515,088, 5-7-85, Cl. 110-110.000.

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Derderian, Gregory; Orlandi, Robert D.; Shu, Larry S.; and Siadat, Bahram, 4,553,852, Cl. 374-1.000.

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Orlando, Franklin P.; Goulart, Joseph S.; and Chandra, Rangasami S., to FMC Corporation. Apparatus for detecting changes in inclination or acceleration. 4,561,299, 12-31-85, Cl. 73-151.000.

Orlando, Franklin P.: *See—*

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Orlarey, Maurice M., to Allied Corporation. Gyroscope erection system. 4,527,439, 7-9-85, Cl. 74-5.430.

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Orlita, Franz. Piston pump with a rotating piston. 4,531,897, 7-30-85, Cl. 417-500.000.

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Orloff, Daniel L.: *See—*

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- Orlov, Alexandr V.: *See—*
  - Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
- Orlov, Anatoly A.: *See—*
  - Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.
  - Kulesh, Vladimir P.; Moskalik, Leonid M.; Orlov, Anatoly A.; Bliznjuk, Jury A.; and Shtandel, Stanislav K., 4,558,952, Cl. 356-349.000.
- Orlov, Vladimir N.: *See—*
  - Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.
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  - Liehr, Manfred R.; Nolting, Wolfgang; Kobs, Rolf U. D.; and Orlowski, Reiner U., 4,552,301, Cl. 228-263.120.
- Orlowski, Ronald C.; and Seyler, Jay K., to Armour Pharmaceutical Company. Des-serine^2-glycine^8 calcitonin. 4,495,097, 1-22-85, Cl. 260-112.50T.
- Orlowski, Ronald C.; and Seyler, Jay K., to Armour Pharmaceutical Company. Glycine 8-des-tyrosine 22 calcitonin. 4,497,731, 2-5-85, Cl. 260-112.50T.
- Orlowski, Ronald C.; Stahl, Glenn L.; and Colescott, Robert L., to Armour Pharmaceutical Company. [16-Alanine]calcitonin. 4,528,132, 7-9-85, Cl. 260-112.50T.
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- Orlowski, Ronald C.: *See—*
  - Seyler, Jay K.; Stahl, Glenn L.; and Orlowski, Ronald C., 4,497,732, Cl. 260-112.50T.
- Ormanns, Siegfried; and Neumann, Helmut, to Ruhrkohle Aktiengesellschaft. Staff-location and signalling system for use in mines. 4,495,495, 1-22-85, Cl. 340-825.450.
- Ormat Turbines, Ltd.: *See—*
  - Bronicki, Lucien Y., 4,551,980, Cl. 60-698.000.
  - Kaplan, Uri, 4,537,032, Cl. 60-662.000.
- Ormbsy, Lee S. Method of removing salts of the alkali earth metal group from water. 4,500,433, 2-19-85, Cl. 210-669.000.
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  - Testore, Guido, 4,519,741, Cl. 414-738.000.
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- Orndoff, Robert R.: *See—*
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- Orndorff, James A., Jr.: *See—*
  - Hale, David R.; Owen, William A.; and Orndorff, James A., Jr., 4,512,684, Cl. 405-217.000.
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  - Le Coent, Jean-Louis, 4,514,313, Cl. 252-42.700.
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  - Balko, Edward N.; and Moulthrop, Lawrence C., 4,533,455, Cl. 204-279.000.
  - de Nora, Oronzio, 4,530,743, Cl. 204-98.000.
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  - Nidola, Antonio; and de Nora, Oronzio, 4,548,697, Cl. 204-290.00R.
  - Pellegri, Alberto, 4,511,442, Cl. 204-98.000.
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  - Bianchi, Giuseppe; Mussinelli, Gianluigi; and Faita, Giuseppe, 4,544,464, Cl. 204-147.000.
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- Oroskar, Anil R., to UOP Inc. Serial flow continuous separation process. 4,498,991, 2-12-85, Cl. 210-659.000.
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- O'Rourke, David P., to RCA Corporation. Phase lock loop prepositioning apparatus with feedback control. 4,562,410, 12-31-85, Cl. 331-1.00A.
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- O'Rourke, Glenn R., to Ex-Cell-O Corporation. Sealing system for road wheel suspension. 4,537,422, 8-27-85, Cl. 280-705.000.
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  - De Boynton, William L.; Lee, Frederick C.; Wilson, Bruce E.; and O'Rourke, John F., 4,559,711, Cl. 33-199.00R.
- O'Rourke, Leo M.: *See—*
  - Pronovost, Richard; Innis, Peter; and O'Rourke, Leo M., 4,505,127, Cl. 62-271.000.
- O'Rourke, Michael J.: *See—*
  - Nagy, Louis L.; and O'Rourke, Michael J., 4,503,384, Cl. 324-61.00P.
  - Nagy, Louis L.; and O'Rourke, Michael J., 4,543,823, Cl. 73-304.00C.
  - Nagy, Louis L.; and O'Rourke, Michael J., 4,544,880, Cl. 324-58.50R.
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  - Monhardt, Richard J.; Orr, Alfred B.; and Wright, Joseph B., 4,500,252, Cl. 415-9.000.
- Orr, Allie E. Adjustable reflector for illuminating devices. 4,521,834, 6-4-85, Cl. 362-139.000.
- Orr, Donald: *See—*
  - Causer, Roy; and Orr, Donald, 4,501,522, Cl. 414-4.000.
- Orr Felt Company, The: *See—*
  - Shah, Shirish M., 4,511,361, Cl. 8-471.000.
- Orr, John R.: *See—*
  - Sita, Richard K.; Orr, John R.; and Waring, John L., 4,561,027, Cl. 360-39.000.
- Orr, William L.: *See—*
  - Camden, Thomas M., Jr.; and Orr, William L., 4,495,136, Cl. 376-172.000.
- Orrico, Mario M. V., to Honeywell Inc. Check valve. 4,523,610, 6-18-85, Cl. 137-512.150.
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- Orsborn, Jesse H.: *See—*
  - Fachini, Robert M.; Orsborn, Jesse H.; and Barrett, Monroe C., 4,519,189, Cl. 56-16.600.
  - Fachini, Robert M.; and Orsborn, Jesse H., 4,553,378, Cl. 56-16.600.
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Bencz, Gyozo; Deres, Janos; and Tuti, Peter, 4,557,771, Cl. 149-14.000.

Palfi, Zoltan; and Krekacs, Sandor, 4,557,875, Cl. 261-75.000.

Orszulak, Stanley: *See—*

Gagnon, Richard; Orszulak, Stanley; Pawloski, Louis; and Bodnar, Michael L., 4,529,071, Cl. 192-43.100.

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Orter, Ralph H. Heat controlling cooker. 4,532,911, 8-6-85, Cl. 126-27.000.

Orth, Charles D., to Singer Company, The. Automotive air conditioning system controlled by damped pressure switch. 4,523,066, 6-11-85, Cl. 200-83.00S.

Orth, Charles D.; and Torrence, Robert J., to Singer Company, The. Vibration damping device for thermostatic expansion valves. 4,542,852, 9-24-85, Cl. 236-92.00B.

Orth, Eugene C.; and Ebenhoch, Sebastian, to Waukesha Cutting Tools, Inc. Trepanning tool. 4,500,234, 2-19-85, Cl. 408-206.000.

Orth, Gunther, to Wolf-Gerate GmbH. Apparatus for renewing green areas and lawns. 4,542,705, 9-24-85, Cl. 111-85.000.

Orth, Hans: *See—*

Sabranski, Udo; and Orth, Hans, 4,537,132, Cl. 102-307.000.

Orth, Walter: *See—*

Busch, Lothar; and Orth, Walter, 4,549,692, Cl. 237-12.30A.

Orth, Winfried; and Fickert, Werner, to Rutgerswerke Aktiengesellschaft. Preparation of 1H-pyrrol-2-acetic acid esters. 4,493,935, 1-15-85, Cl. 548-562.000.

Orth, Winfried; and Fickert, Werner, to Ruterswerke Aktiengesellschaft. Process for the preparation of 2-halo-3-nitro-6-alkoxy-pyridines. 4,529,800, 7-16-85, Cl. 546-297.000.

Orth, Winfried; and Fickert, Werner, to Rutgerswerke Aktiengesellschaft. Method for producing 3,5,6-trichloro-1H-pyridine-2-on. 4,546,190, 10-8-85, Cl. 546-303.000.

Orth, Winfried; Pastorek, Emmerich; and Fickert, Werner, to Rutgerswerke Aktiengesellschaft. Oxidation of quinoline to quinolinic acid. 4,549,024, 10-22-85, Cl. 546-320.000.

Orth, Winfried: *See—*

Tonnius, Dietrich; Weiss, Wolfgang; Orth, Winfried; Miele, Heinrich; and Pastorek, Emmerich, 4,510,090, Cl. 260-396.00R.

Orthman, Henry K., to Orthman Manufacturing, Inc. Tractor front end hitch. 4,519,623, 5-28-85, Cl. 280-461.00A.

Orthman Manufacturing, Inc.: *See—*

Orthman, Henry K., 4,519,623, Cl. 280-461.00A.

Orthner, Gordon W.: *See—*

Adsit, Gordon H., 4,521,116, Cl. 366-54.000.

Ortho Diagnostic Systems Inc.: *See—*

Hoffman, Robert A.; and Ip, Stephen H. C., 4,492,752, Cl. 435-7.000.

Sujansky, Daniel J.; and Rancourt, Martha W., 4,499,183, Cl. 435-6.000.

Ortho Pharmaceutical Corporation: *See—*

Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,571, Cl. 544-286.000.

Goldstein, Gideon; Heavner, George; Kroon, Daniel; and Audhya, Tapan, 4,505,853, Cl. 260-112.50R.

Goldstein, Gideon; Heavner, George; Audhya, Tapan; and Tjoeng, Foe-Siong, 4,547,489, Cl. 514-11.000.

Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,570, Cl. 544-286.000.

Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,556,739, Cl. 564-443.000.

Kung, Patrick C.; and Goldstein, Gideon, 4,515,893, Cl. 435-240.000.

Kung, Patrick C.; and Goldstein, Gideon, 4,515,894, Cl. 435-240.000.

Kung, Patrick C.; and Goldstein, Gideon, 4,515,895, Cl. 435-240.000.

Pasquale, Samuel A., 4,530,839, Cl. 514-171.000.

Pasquale, Samuel A., 4,544,554, Cl. 514-170.000.

Orthoefer, Frank T.: *See—*

Gibson, Paul W.; and Orthoefer, Frank T., 4,555,417, Cl. 427-361.000.

Orthopedic Equipment Co. Inc.: *See—*

Wills, Robert P.; and Brooker, Andrew F., 4,519,100, Cl. 3-1.900.

Orthothronics Limited Partnership: *See—*

Fraser, Gregory A.; and Raab, Simon, 4,549,555, Cl. 128-782.000.

Ortica, Roberto: *See—*

Dallatomasina, Franco; Ortica, Roberto; Giardino, Pietro; and Oppici, Ernesto, 4,549,987, Cl. 260-112.50R.

Ortiz, Jose A.: *See—*

Forne, Ernesto; Foguet, Rafael; Sacristan, Aurelio; and Ortiz, Jose A., 4,535,159, Cl. 544-148.000.

Ortiz, Ralph O. Cube game of skill and chance. 4,550,916, 11-5-85, Cl. 273-239.000.

Ortlieb, Robert M., to DeVlieg Machine Company. Precision adjustable cutting tool. 4,516,889, 5-14-85, Cl. 408-152.000.

Ortlinghaus, Ulrich, to Joh. Vaillant GmbH & Co. Burner safety ignition system allowing for electrical and manual operation. 4,529,373, 7-16-85, Cl. 431-6.000.

Ortloff, John E., to Exxon Production Research Co. Combination mooring system. 4,493,282, 1-15-85, Cl. 114-230.000.

Ortloff, John E., to Exxon Production Research Co. Production riser assembly. 4,529,334, 7-16-85, Cl. 405-195.000.

Ortloff, John E., to Exxon Production Research Co. Combination mooring system. 4,532,879, 8-6-85, Cl. 114-230.000.

Ortner Freight Car Company: *See—*

Adams, Norman S., 4,561,361, Cl. 105-406.00R.

Ortner, Georg J. Container with information-carrying element. 4,496,051, 1-29-85, Cl. 206-459.000.

Ortner, Robert: *See—*

Herzel, Joachim; Simeth, Claus; Mitze, Rudolf; and Ortner, Robert, 4,503,771, Cl. 101-247.000.

Orton, Edward: *See—*

Weinstein, Boris; and Orton, Edward, 4,525,540, Cl. 525-327.200.

Orton, Gregory A.: *See—*

Latimer, Stanley M.; and Orton, Gregory A., 4,520,414, Cl. 360-125.000.

Orton, J. Berkeley. Apparatus for cleaning paint rollers. 4,508,465, 4-2-85, Cl. 401-11.000.

Ortwein, Hermann, to Clouth Gummiwerke Aktiengesellschaft. Elastomeric railway-rail mount. 4,527,736, 7-9-85, Cl. 238-283.000.

Ortwein, Hermann: *See—*

Braitsch, Hans; Ortwein, Hermann; and Vorwald, Josef, 4,500,037, Cl. 238-2.000.

Orum Sogns Mejeri APS: *See—*

Christiansen, Tage; Imhof, Werner; Jensen, Poul F.; Kjaer, Jens B.; Kristiansen, Bjarne; Kristensen, Kjeld; and Pedersen, Bent, 4,499,109, Cl. 426-36.000.

Orvet B.V.: *See—*

El-On, Joseph; and Jacobs, Geoffrey P., 4,505,901, Cl. 514-38.000.

Orvik, Jon A.: *See—*

Malhotra, Sudarhshan K.; and Orvik, Jon A., 4,499,277, Cl. 546-346.000.

Malhotra, Sudarshan K.; and Orvik, Jon A., 4,499,276, Cl. 546-346.000.

Orvis, Victor R. Truss boom. 4,540,096, 9-10-85, Cl. 212-177.000.

Orwin, Olaf J. B.: *See—*

Beasant, Andrew J.; Orwin, Olaf J. B.; and Fortune, David J., 4,541,512, Cl. 192-56.00R.

Orwoll, Richard D.: *See—*

Wissbrun, Kurt F.; and Orwoll, Richard D., 4,540,737, Cl. 524-599.000.

O'Ryan, David E.: *See—*

Mulder, Douglas C.; and O'Ryan, David E., 4,561,380, Cl. 118-688.000.

Osa AB: *See—*

Forslund, Torsten E., 4,549,588, Cl. 144-356.000.

Jahr, Lennart; and Wickstrom, Sven, 4,546,805, Cl. 144-34.00R.

Osada, Hazime: *See—*

Nemoto, Shigeru; Kitajima, Goro; Saitou, Sinichi; and Osada, Hazime, 4,523,247, Cl. 360-137.000.

Nemoto, Shigeru; Saitou, Sinichi; Kitajima, Goro; and Osada, Hazime, 4,525,760, Cl. 360-137.000.

Osada, Hiroshi, to Nifco Inc. Lead wire retainer. 4,555,589, 11-26-85, Cl. 174-156.000.

Osada, Hisajiro; Hiratsuka, Yutaka; and Watanabe, Masahiro, to Hitachi, Ltd. Plasma monitoring method and plasma monitor. 4,541,718, 9-17-85, Cl. 356-316.000.

Osada, Kimio: *See—*

Kamei, Taketo; and Osada, Kimio, 4,503,358, Cl. 315-58.000.

Osada, Michio: *See—*

Bandoh, Kazuo; and Osada, Michio, 4,543,684, Cl. 15-309.000.

Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, to Fujitsu Limited. Method and apparatus for controlling the stepping feed of an information medium. 4,492,991, 1-8-85, Cl. 360-70.000.

Osada, Toshihiko: *See—*

Ban, Yasutaka; and Osada, Toshihiko, 4,500,789, Cl. 250-492.200.

Osada, Yasuo: *See—*

Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, 4,547,823, Cl. 360-90.000.

Osada, Yuichi: *See—*

Mukoyama, Yoshiyuki; Sakata, Touichi; and Osada, Yuichi, 4,530,975, Cl. 525-423.000.

Osaka Chemical Laboratory Co., Ltd.: *See—*

Arichi, Shigeru; and Uchida, Yoshihiro, 4,524,067, Cl. 514-33.000.

Osaka Gas Company Limited: *See—*

Ito, Hirosato; and Takada, Daizo, 4,493,635, Cl. 431-90.000.

Ito, Hirosato, 4,509,915, Cl. 431-215.000.

Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, 4,555,948, Cl. 73-640.000.

Ouchi, Yasumasa; and Otoshi, Shoji, 4,509,336, Cl. 62-112.000.

Sadamori, Hiroki; Chikazawa, Akio; Okamura, Setsuo; and Noda, Chikako, 4,491,640, Cl. 502-242.000.

Shimizu, Shoji; Asakawa, Shirow; Saito, Yukihiro; and Ito, Yoshimasa, 4,553,988, Cl. 55-158.000.

Yamamoto, Mitsuo; Kinumoto, Namio; Tsuji, Toshinori; and Hiraoka, Tutomu, 4,554,178, Cl. 427-140.000.

Osaka, Haruya; Maekawa, Takashi; and Nakajima, Yoshihiro, to Mita Industrial Co., Ltd. Latent electrostatic image developing apparatus. 4,538,897, 9-3-85, Cl. 355-3.0DD.

Osaka, Hiroshi: *See—*
  Tomizawa, Akimori; and Osaka, Hiroshi, 4,500,921, Cl. 358-174.000.

Osaka Kiko Kabushiki Kaisha: *See—*
  Koda, Seido, 4,559,710, Cl. 33-178.00E.

Osaka Kongo Seito Co.: *See—*
  Hashimoto, Masahiro; and Tani, Hideo, 4,561,863, Cl. 51-295.000.

Osaka, Kuniaki: *See—*
  Watanabe, Hiroyuki; Osaka, Kuniaki; and Tanaka, Yasushi, 4,545,589, Cl. 280-5.00A.

Osaka Municipal Government: *See—*
  Inoue, Hiroshige; Fukushima, Kenichi; and Nishiguchi, Ikuzo, 4,533,732, Cl. 544-172.000.

Osaka, Norihisa: *See—*
  Kamada, Kazumasa; Osaka, Norihisa; and Kaneda, Masahiro, 4,520,166, Cl. 525-85.000.

Osaka Oxygen Industries Ltd.: *See—*
  Hagiwara, Zenzi; Yamamoto, Tatuo; and Kurozumi, Hiroshi, 4,519,813, Cl. 55-26.000.

Osaka Sanso Kogyo Ltd.: *See—*
  Sakuraya, Toshikazu; Fujii, Tetsuya; Matsui, Shigeo; and Hayashi, Shigeki, 4,539,020, Cl. 55-26.000.

Osaka Seiki Kabushiki Kaisha: *See—*
  Matsuda, Teruo; and Kawaguchi, Kizo, 4,534,133, Cl. 51-58.000.

Osaka Soda Co., Ltd.: *See—*
  Kadomatsu, Seiji; and Misumi, Kozo, 4,547,554, Cl. 525-334.100.
  Matoba, Yasuo; and Ishimori, Isao, 4,511,698, Cl. 525-187.000.
  Sakai, Takaaki, 4,513,029, Cl. 427-204.000.
  Shimizu, Yasumi; and Nakata, Tetsuya, 4,530,994, Cl. 525-403.000.
  Tanaka, Motomu; Osuka, Masanari; Kuri, Takeshi; and Takakuwa, Sadao, 4,518,764, Cl. 528-271.000.

Osaka, Susumu; and Sagawa, Midori, to RCA Corporation. Venetian blind construction. 4,503,900, 3-12-85, Cl. 160-172.000.

Osaka, Tadashi: *See—*
  Ikeda, Yuuji; Abe, Hiroo; Osaka, Tadashi; and Komuro, Katsumi, 4,551,893, Cl. 29-33.00M.

Osaka, Takatoshi; Nishimura, Katsuo; and Nakagiri, Tadahiko, to Citizen Watch Co., Ltd. Ball throwing machine. 4,517,953, 5-21-85, Cl. 124-17.000.

Osaka Titanium Co., Ltd.: *See—*
  Okami, Seiichi, 4,562,338, Cl. 219-503.000.

Osaka Transformer Co., Ltd.: *See—*
  Hamakawa, Yoshihiro; Okamoto, Hiroaki; and Okuda, Kouji, 4,496,788, Cl. 136-249.000.

Osaka University: *See—*
  Mori, Hirotaro; and Fujita, Hiroshi, 4,557,765, Cl. 148-4.000.

Osaka, Yoshiaki: *See—*
  Kawasaki, Takao; Tsuchiya, Tadashi; and Osaka, Yoshiaki, 4,540,702, Cl. 514-369.000.

Osakeyhtio, A. Ahlstrom: *See—*
  Meinander, Paul O., 4,492,611, Cl. 162-358.000.

Osaki, Kazuhiko; Hamamoto, Hirofumi; Kurokawa, Junzi; and Akieda, Shigeru, to Sailor Pen Co., Ltd., The. Method for producing a nondirectional pen. 4,547,946, 10-22-85, Cl. 29-412.000.

Osaki, Kiyoshi; and Koinuma, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Internal combustion engine having single overhead camshaft. 4,527,518, 7-9-85, Cl. 123-90.230.

Osaki, Takayoshi: *See—*
  Ninagawa, Yoichi; Yamada, Osamu; Renge, Tsumoru; Kyo, Sunao; Osaki, Takayoshi; and Kushida, Koichi, 4,511,751, Cl. 585-608.000.

Osaki, Yasunari: *See—*
  Ikeguchi, Nobuyuki; Osaki, Yasunari; and Furuya, Yoshiyuki, 4,552,690, Cl. 252-512.000.

Osaki, Yoshihiko: *See—*
  Hoshikawa, Toru; and Osaki, Yoshihiko, 4,503,304, Cl. 219-10.49R.

Osako, Jyunji: *See—*
  Suzuki, Takashi; Yamagata, Syuzi; and Osako, Jyunji, 4,505,354, Cl. 180-297.000.

Osako, Kazuyoshi: *See—*
  Fujiwara, Katsuhiro; and Osako, Kazuyoshi, 4,502,112, Cl. 364-200.000.

Osako, Kyoichi: *See—*
  Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
  Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.

Osamu, Ohe: *See—*
  Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.

Osanai, Akinori: *See—*
  Niwa, Takao; Gono, Takeshi; and Osanai, Akinori, 4,561,327, Cl. 74-866.000.

Osanai, Akira, to Olympus Optical Co., Ltd. Mechanism for controlling parallelism between a pinch roller and capstan shaft. 4,497,426, 2-5-85, Cl. 226-187.000.

Osanai, Akira: *See—*
  Kato, Toshikazu; and Osanai, Akira, 4,539,609, Cl. 360-93.000.

Osann, Edward W., Jr.: *See—*
  Morgenstern, Robin; and Osann, Edward W., Jr., 4,541,670, Cl. 297-284.000.

Osato, Yoichi: *See—*
  Kanbe, Junichiro; Shirai, Shigeru; Misumi, Teruo; Saitoh, Keishi; and Osato, Yoichi, 4,536,460, Cl. 430-57.000.
  Misumi, Teruo; and Osato, Yoichi, 4,518,671, Cl. 430-84.000.
  Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, 4,536,459, Cl. 430-57.000.
  Ogawa, Kyosuke; Shirai, Shigeru; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,522,905, Cl. 430-60.000.
  Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,501,807, Cl. 430-57.000.
  Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,547,448, Cl. 430-84.000.

Osawa, Hide: *See—*
  Arima, Tetsuo; Kawamoto, Akio; and Osawa, Hide, 4,556,565, Cl. 426-3.000.

Osawa, Hideo: *See—*
  Ohtombe, Ko; Ishida, Tsuyoshi; Osawa, Hideo; and Nagahashi, Kenji, 4,547,896, Cl. 382-7.000.

Osawa, Hiroyuki; and Ishida, Yasutaka, to Nippon Seiko Kabushiki Kaisha. Bearing cage for retaining rolling elements. 4,493,513, 1-15-85, Cl. 384-533.000.

Osawa, Kazuya: *See—*
  Suyama, Tomio; and Osawa, Kazuya, 4,526,014, Cl. 62-347.000.

Osawa, Kouichi: *See—*
  Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.

Osawa, Masakazu. Surgical corset. 4,541,419, 9-17-85, Cl. 128-78.000.

Osawa, Michitaka, to Hitachi, Ltd. Wide band high output amplifier using a power field effect transistor as an output stage. 4,528,520, 7-9-85, Cl. 330-300.000.

Osawa, Michitaka; Funada, Etuo; Miyajima, Hiroyuki; Maekawa, Hitoshi; and Ando, Kunio, to Hitachi, Ltd. Amplitude adjusting equipment in a signal translation line. 4,544,896, 10-1-85, Cl. 330-284.000.

Osawa, Nobuyuki, to Nippon Seiko Kabushiki Kaisha. Slide way bearing. 4,502,737, 3-5-85, Cl. 308-6.00C.

Osawa, Shigeru, to Topy Industries Limited. Spider hub and a wheel rim assembly. 4,530,387, 7-23-85, Cl. 152-410.000.

Osawa, Shigeru; and Yamoto, Hisayoshi, to Topy Industries Limited. Wheel rim with split locking ring. 4,554,961, 11-26-85, Cl. 152-410.000.

Osawa, Tadao; Nakagawa, Toru; Okumura, Masamitsu; Kohno, Takashige; and Sakuma, Tokihiko, to Hitachi, Ltd. Air-fuel ratio control device for internal combustion engines. 4,532,904, 8-6-85, Cl. 123-439.000.

Osawa, Yoshinori. Apparatus for tile-setting. 4,516,373, 5-14-85, Cl. 52-387.000.

Osawa, Yoshio: *See—*
  Morikawa, Tatsumi; Osawa, Yoshio; Kawakami, Takao; and Yoshida, Naoki, 4,548,128, Cl. 98-115.300.

Osberghaus, Reiner; Scheller, Bernfried; Kresse, Franz; Hesse, Ferdinand; and Schunter, Roland, to Floordress-Reinigungsgerate GmbH. Flat press. 4,528,717, 7-16-85, Cl. 15-261.000.

Osborg, Hans. Process for preparing hydrazines. 4,508,695, 4-2-85, Cl. 423-407.000.

Osborn, Alfred W., to Rolls-Royce Limited. Mounting system for coupled turboshaft gas turbine engines. 4,500,054, 2-19-85, Cl. 244-54.000.

Osborn, Denis L., to U.S. Industries, Inc. Feed proportioner. 4,556,015, 12-3-85, Cl. 119-56.00R.

Osborn, Harley G. Gauge wheel apparatus for a banding sprayer. 4,536,002, 8-20-85, Cl. 280-43.180.

Osborn, Norbert L. Turbocharger compressor housing. 4,521,155, 6-4-85, Cl. 415-190.000.

Osborne, Anthony, to Kearney-National, Inc. Electric circuit interrupter and associated mounting. 4,536,822, 8-20-85, Cl. 361-340.000.

Osborne, Colin T., to Lucas Industries Public Limited Company. Apparatus for monitoring current levels in an a.c. transmission line. 4,540,939, 9-10-85, Cl. 324-127.000.

Osborne, Dennis R. S., to Duke University. Head support. 4,504,050, 3-12-85, Cl. 269-328.000.

Osborne, Duncan W., to Automotive Products plc. Hydraulic cylinder assemblies. 4,537,293, 8-27-85, Cl. 188-196.0BA.

Osborne, Eddie A.: *See—*
  Hughson, Robert A.; and Osborne, Eddie A., 4,526,232, Cl. 166-339.000.

Osborne, Edward L., to Westvaco Corporation. Interlock between telescoping cover and tray. 4,531,669, 7-30-85, Cl. 229-45.00R.

Osborne, Neal F., to Beecham Group p.l.c. Synergistic compositions containing 6-alkylidene penems and their use. 4,560,550, 12-24-85, Cl. 424-114.000.

Osborne, Robert L.: *See—*
  Hwang, Eddie Y.; Shung, Wu-Shi; and Osborne, Robert L., 4,558,569, Cl. 60-657.000.
  Kemper, Christian T.; Osborne, Robert L.; and Bellows, James C., 4,517,468, Cl. 290-52.000.
  Wonn, James W.; and Osborne, Robert L., 4,502,046, Cl. 340-682.000.

Osborne, Thomas A., to Cook, Incorporated. Catheter wire guide with movable mandril. 4,548,206, 10-22-85, Cl. 128-772.000.

Osborne, Thomas A., to Cook, Incorporated. Flexible sheath assembly for an indwelling catheter. 4,551,137, 11-5-85, Cl. 604-171.000.

Osborne, Travis H. Method of and apparatus for applying dental treatment fluid. 4,560,351, 12-24-85, Cl. 433-80.000.

- Osburn, Frank G., to Hollister Incorporated. Skin barrier composition. 4,496,357, 1-29-85, Cl. 604-336.000.
- Osburn, Frank G.; and Riedel, Kenneth E., to Hollister Incorporated. Sealant pad for external catheter and method of use thereof. 4,534,768, 8-13-85, Cl. 604-350.000.
- Oscar Mayer Foods Corporation: *See—*
  - Hartl, Carroll P., 4,509,311, Cl. 53-202.000.
  - Kress, Jack L., 4,517,207, Cl. 426-315.000.
  - Mally, Timothy G.; and Stengel, Bruce W., 4,526,505, Cl. 414-750.000.
  - Mally, Timothy G., 4,529,082, Cl. 198-434.000.
  - Mally, Timothy G.; Rattmann, James A.; and Borsuk, Alvin, 4,532,751, Cl. 53-396.000.
  - Matzinger, Martin J.; and Orloff, Daniel L., 4,552,049, Cl. 83-27.000.
  - Mengel, Ronald E., 4,523,501, Cl. 83-42.000.
  - Rattmann, James A., 4,522,093, Cl. 83-42.000.
- Oschatz, Christian, to Sandoz Ltd. Process for dyeing or printing sized textiles. 4,501,589, 2-26-85, Cl. 8-495.000.
- Oschmann, Klaus. Automatic filling device for battery cells. 4,512,378, 4-23-85, Cl. 141-98.000.
- Oscobal AG: *See—*
  - Mittelmeier, Heinz; Moser, Heinz; and Leu, Beat, 4,516,276, Cl. 3-1.910.
- Osecky, Benjamin D.: *See—*
  - Georg, Dennis D.; and Osecky, Benjamin D., 4,511,964, Cl. 364-200.000.
- Osegowitsch, Viktor, to AGFA-Gevaert, A.G. Arrangement for and method of regenerating processing baths for photosensitive materials. 4,556,305, 12-3-85, Cl. 354-298.000.
- Oseto, Osamu; and Moriuchi, Fumio, to Arakawa Kagaku Kogyo Kabushiki Kaisha. Electrophotographic toner composition. 4,508,806, 4-2-85, Cl. 430-109.000.
- Oseto, Osamu: *See—*
  - Makita, Muneharu; Oseto, Osamu; and Munemitsu, Toshiaki, 4,507,376, Cl. 430-109.000.
- Osgerby, Ian. Carbon dioxide power cycle. 4,498,289, 2-12-85, Cl. 60-39.520.
- Osgood, Edmond R.: *See—*
  - Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.
- Osgood Industries, Inc.: *See—*
  - Mueller, Martin, 4,521,264, Cl. 156-184.000.
- Osgood, R. W. Mini-bidet. 4,510,630, 4-16-85, Cl. 4-443.000.
- Osher, Mikhail I.: *See—*
  - Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.; Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.; Osher, Mikhail I.; and Plyakin, Nikolai P., 4,549,760, Cl. 294-88.000.
- Oshiage, Katsunori: *See—*
  - Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, 4,532,594, Cl. 364-431.110.
  - Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, 4,551,803, Cl. 364-431.050.
  - Kanegae, Hidetoshi; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,502,446, Cl. 123-479.000.
  - Takase, Sadao; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,527,248, Cl. 364-565.000.
- Oshida, Mamoru: *See—*
  - Ichizawa, Yoshiyuki; Nomoto, Tsugio; and Oshida, Mamoru, 4,514,166, Cl. 425-436.00R.
- Oshida, Masahiro: *See—*
  - Kiriyama, Tsutomu; Horie, Shigeru; Ichihashi, Tetsuo; and Oshida, Masahiro, 4,539,389, Cl. 528-272.000.
- Oshida, Tsutomu: *See—*
  - Omata, Nobuaki; and Oshida, Tsutomu, 4,527,675, Cl. 188-290.000.
- Oshida, Yoshitada: *See—*
  - Nakagawa, Yasuo; Oshida, Yoshitada; and Ishige, Kanji, 4,553,844, Cl. 356-376.000.
- Oshikawa, Yoshihiro, to Fujitsu Limited. Method for fabricating an EEPROM. 4,517,732, 5-21-85, Cl. 29-571.000.
- Oshima, Akio: *See—*
  - Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, 4,543,406, Cl. 528-111.500.
  - Tsuchiya, Shozo; Sasaki, Makoto; Oshima, Akio; and Hayashi, Hideo, 4,552,923, Cl. 525-68.000.
- Oshima, Hiroshi: *See—*
  - Yoshinada, Hiroshi; Oshima, Hiroshi; and Ono, Takashi, 4,531,082, Cl. 318-663.000.
- Oshima, Masanao; Narita, Hitoshi; Yashima, Nobuyoshi; and Tabuchi, Hiroshi, to Mitsui Engineering & Shipbuilding Co., Ltd. Floating offshore structure. 4,519,728, 5-28-85, Cl. 405-224.000.
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- Oshima, Michio: *See—*
  - Kamimura, Yoshihiko; Okamoto, Toshiro; Takahashi, Naoyuki; Makihara, Hiroshi; and Oshima, Michio, 4,520,224, Cl. 585-648.000.
- Oshima, Noboru; Shimizu, Isamu; Yoshimura, Yoshito; Fujimaki, Tatsuo; and Tomita, Seisuke, to Bridgestone Tire Company Limited. Branched styrene-butadiene copolymers and pneumatic tires using the same. 4,526,934, 7-2-85, Cl. 525-332.900.
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  - Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.
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- Oshima, Shigeru: *See—*
  - Wong, Wan C.; and Oshima, Shigeru, 4,505,563, Cl. 354-234.100.
  - Wong, Wan C.; and Oshima, Shigeru, 4,525,048, Cl. 354-173.100.
  - Wong, Wan C.; and Oshima, Shigeru, 4,525,051, Cl. 354-203.000.
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  - Onishi, Toshiya; Oshima, Susumu; Mikata, Hiromi; Nakata, Haruo; and Horiuchi, Masami, 4,545,428, Cl. 165-110.000.
- Oshima, Toshimichi: *See—*
  - Itoh, Kunio; Oshima, Toshimichi; and Nakamura, Tsutomu, 4,533,687, Cl. 524-80.000.
- Oshima, Toshio, to Nippon Electric Co., Ltd. Control signal generator for a television signal codec. 4,503,455, 3-5-85, Cl. 358-19.000.
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  - Mukae, Makito; and Oshima, Tsuginori, 4,553,894, Cl. 414-331.000.
- Oshima, Yoshimasa: *See—*
  - Hara, Yasuhiko; Akiyama, Nobuyuki; Fushimi, Satoru; Oshima, Yoshimasa; and Aoki, Nobuhiko, 4,508,453, Cl. 356-394.000.
- Oshima, Yoshio: *See—*
  - Fukuta, Masaharu; Oshima, Yoshio; Ishikawa, Sako; and Ohtsuki, Toru, 4,543,641, Cl. 364-756.000.
- Oshima, Yujiro; and Aoyama, Taro, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Direct injection internal combustion engine of compression ignition type. 4,522,172, 6-11-85, Cl. 123-276.000.
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  - Kataoka, Masao; Oshima, Yujiro; Noda, Takashi; and Suzuki, Shigeo, 4,543,929, Cl. 123-263.000.
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  - Kobayashi, Koichi; Kawashima, Kenichi; and Oshio, Shuzo, 4,508,968, Cl. 250-441.100.
- Oshiro, Takao; Fukami, Akira; and Sasaya, Hideaki, to Nippondenso Co., Ltd.; and Nippon Soken, Inc. Ventilation system for motor vehicles. 4,558,634, 12-17-85, Cl. 98-2.180.
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  - Funaki, Yuji; Oshita, Hirofumi; Yamamoto, Shigeo; Tanaka, Shizuya; and Kato, Toshiro, 4,554,007, Cl. 71-076.000.
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- Oshizawa, Hidekazu, to Diesel Kiki Co., Ltd. Electronically controlled fuel injection apparatus. 4,492,196, 1-8-85, Cl. 123-357.000.
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- Osinga, Halbe, to U.S. Philips Corporation. Electromagnetic deflection unit and picture tube provided with such a unit. 4,536,729, 8-20-85, Cl. 335-210.000.
- Osinski, Ulrich: *See—*
  - Althausen, Ferdinand; Proksa, Ferdinand; and Osinski, Ulrich, 4,520,947, Cl. 222-63.000.
- Osipov, Viktor G.: *See—*
  - Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.; Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.; Osher, Mikhail I.; and Plyakin, Nikolai P., 4,549,760, Cl. 294-88.000.
- Oskam, Herman, to Hunter Douglas International N.V. Vane pocket cover for blind. 4,529,025, 7-16-85, Cl. 160-178.00R.
- Oskar Frech GmbH & Co.: *See—*
  - Fink, Roland; Bartos, Hubert; Noschilla, Herbert; and Klingenstein, Walter, 4,530,391, Cl. 164-155.000.
- Osmalov, Jerome S., to Philip Morris Incorporated. Method and apparatus for controlling a cigarette maker to produce a cigarette rod with predetermined moisture content. 4,522,214, 6-11-85, Cl. 131-79.000.
- Osmalov, Jerome S.: *See—*
  - Irving, Christopher L.; and Osmalov, Jerome S., 4,535,789, Cl. 131-84.100.
- Osman, Fazil I., to Burroughs Corporation. Dynamic re-programmable PLA. 4,546,273, 10-8-85, Cl. 307-468.000.
- Osman, Ismet M. F. M., to Burroughs Corporation. Wafer-scale integrated circuits. 4,493,055, 1-8-85, Cl. 365-78.000.

- Osman, Maged A.: *See*—
  - Julke, Elias; Kaiser, Tony; Osman, Maged A.; and Perkins, Roger, 4,559,167, Cl. 252-518.000.
  - Tuong, Huynh-Ba; Kelly, Stephen M.; and Osman, Maged A., 4,514,317, Cl. 252-299.620.
- Osman, Robert M.; and Shulik, Larry J., to Exxon Research & Engineering Co. Catalytic gas synthesis process. 4,518,574, 5-21-85, Cl. 423-360.000.
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  - Balinski, Ryszard; and Sokulski, Marek, 4,513,658, Cl. 99-485.000.
- Osrow, Leonard. Hand-held shock-resistant electrolytically heated steam producing apparatus. 4,496,826, 1-29-85, Cl. 219-272.000.
- Osselaere, Guy H. J., to Sperry Corporation. Offset grain loss sensor for combine harvesters. 4,540,003, 9-10-85, Cl. 130-27.00T.
- Ossi, James M. Paint roller cleaning apparatus. 4,549,562, 10-29-85, Cl. 134-138.000.
- Ossler, Walter: *See*—
  - Kopetzky, Horst; Nagler, Werner; and Ossler, Walter, 4,562,308, Cl. 179-18.0FA.
- Ossowski, Manfred: *See*—
  - Michel, Wolfgang; Paul, Heinz; Rummel, Andreas; Seher, Gero; Ossowski, Manfred; and Heberlein, Irmtrud, 4,533,438, Cl. 201-31.000.
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- Ostan, Giovanni: *See*—
  - Munari, Fausto; Ostan, Giovanni; Saravalle, Carlo; Tosi, Bruno; and Trestianu, Sorin, 4,559,063, Cl. 55-67.000.
- Ostapchenko, George J.: *See*—
  - Hatchadoorian, Edward; Ostapchenko, George J.; Patton, James L.; and Young, Harlan S., 4,526,831, Cl. 428-287.000.
- Ostapko, Daniel L., to International Business Machines Corporation. Mapping and memory hardware for writing horizontal and vertical lines. 4,559,611, 12-17-85, Cl. 364-900.000.
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  - Lindblom, Thore; Hedin, Jan-Erik; and Wickstrom, Sven, 4,513,799, Cl. 144-379.000.
- Osteen, John F., to Dacam Corporation. Carrier applicator. 4,503,657, 3-12-85, Cl. 53-48.000.
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- Ostendorf, Larry P., to Divers Supply Co., Inc. Dive timer. 4,533,256, 8-6-85, Cl. 368-111.000.
- Ostenson, Jerome E.: *See*—
  - Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., 4,532,703, Cl. 29-599.000.
- Oster, Bernd: *See*—
  - Lundberg, Robert D.; Lenz, Robert W.; and Oster, Bernd, 4,530,987, Cl. 526-240.000.
- Oster, Stanley M.; and Axelrod, Lester. Tensioning and braking pliers. 4,537,099, 8-27-85, Cl. 225-93.000.
- Oster, Terry L., to Dana Corporation. Three mode differential. 4,526,063, 7-2-85, Cl. 74-710.500.
- Osterberg, Lars B., to Nordiskafilt AB. Forming fabric. 4,501,303, 2-26-85, Cl. 139-425.00A.
- Osterburg, Gunther; and Prezelj, Milan, to Deutsche Texaco Aktiengesellschaft. Process for separating methanol from the reaction products obtained in the etherification of C_4 through C_7 isoolefins with methanol. 4,544,776, 10-1-85, Cl. 568-697.000.
- Osterhage, Thomas F.: *See*—
  - Kievit, David J.; and Osterhage, Thomas F., 4,515,595, Cl. 604-385.00A.
- Osterhoff, Heinz: *See*—
  - Rigler, Josef-Karl; Leithauser, Horst; and Osterhoff, Heinz, 4,495,224, Cl. 427-222.000.
- Osterholm, Jewell L., to Thomas Jefferson University. Method and apparatus for tomographic diagnosis. 4,532,591, 7-30-85, Cl. 364-414.000.
- Osterholt, Gerd: *See*—
  - Bruns, Engelbert; and Osterholt, Gerd, 4,555,308, Cl. 202-263.000.
  - Lorenz, Kurt; Bruns, Engelbert; and Osterholt, Gerd, 4,521,279, Cl. 202-227.000.
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  - Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, 4,508,596, Cl. 202-227.000.
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- Osterholtz, Frederick D.: *See*—
  - Pickwell, Robert J.; and Osterholtz, Frederick D., 4,526,922, Cl. 524-445.000.
  - Pickwell, Robert J.; and Osterholtz, Frederick D., 4,550,056, Cl. 428-391.000.
- Osterhout, Joseph C.: *See*—
  - Gupta, Tapan K.; Carlson, William G.; Osterhout, Joseph C.; Boyette, Gerald B.; and Sweetana, Andrew S., Jr., 4,549,981, Cl. 252-518.000.
- Osterhout, Ralph F.; Burr, John D.; and Larson, Eric R., to Tekna. Knife with retractable sheath. 4,523,379, 6-18-85, Cl. 30-151.000.
- Osterloh, David. Pulling hitch assembly. 4,552,374, 11-12-85, Cl. 280-411.00R.
- Osterloh, Rolf: *See*—
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  - Blum, Rainer; Spoor, Herbert; Osterloh, Rolf; Mosler, Gerhard; and Rubbert, Bernhard, 4,525,570, Cl. 528-75.000.
  - Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, 4,542,173, Cl. 523-414.000.
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- Osterlund, Rolf G. L.: *See*—
  - Bergwitz-Larsen, Carl-Aage; and Osterlund, Rolf G. L., 4,536,495, Cl. 514-54.000.
- Ostermaier, John J., to Du Pont de Nemours, E. I., and Company. Recovery of arylboranes. 4,521,628, 6-4-85, Cl. 568-1.000.
- Osterman, Daniel E., to Pesiri Enterprises, Inc. Lathe tailstock drive attachment. 4,535,660, 8-20-85, Cl. 82-31.000.
- Ostermann, Jerry L. Livestock scale. 4,533,008, 8-6-85, Cl. 177-132.000.
- Ostermayer, Franz; and Zimmermann, Markus, to Ciba-Geigy Corporation. Derivatives of 3-aminopropane-1,2-diol. 4,497,813, 2-5-85, Cl. 514-166.000.
- Ostermayer, Franz: *See*—
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- Ostermeier, Johann: *See*—
  - Dopfer, Peter; Ostermeier, Johann; and Schwerin, Siegfried, 4,515,639, Cl. 106-288.00Q.
- Osterode, Ulrich, to Claudius Peters AG. Valve for abrasive mixtures. 4,505,292, 3-19-85, Cl. 137-240.000.
- Osterreichische Draukraftwerke Aktiengesellschaft: *See*—
  - Schrofelbauer, Herbert; Kakl, Josef; Staudinger, Gernot; and Filipot, Hermann, 4,509,436, Cl. 110-345.000.
  - Schrofelbauer, Herbert; and Staudinger, Gernot, 4,519,995, Cl. 423-244.000.
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  - Anger, Anton, 4,521,178, Cl. 425-548.000.
- Ostersehlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, to BASF Aktiengesellschaft. Gastric acid secretion inhibiting N-(imidazol-1-ylalkyl)thiourea derivatives. 4,514,413, 4-30-85, Cl. 514-397.000.
- Ostertag, Alfred, to Norton Company. Undercutting device for anchor holes. 4,497,383, 2-5-85, Cl. 175-289.000.
- Ostertag, Edward L.: *See*—
  - Ekelman, Ernest P., Jr.; and Ostertag, Edward L., 4,504,805, Cl. 333-126.000.
- Ostertag, Klaus: *See*—
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- Osti, Alberto: *See*—
  - Paffoni, Camillo; Carlini, Filippo M.; Bottaccio, Giorgio; and Osti, Alberto, 4,523,953, Cl. 106-23.000.
- Osti, Roberto: *See*—
  - Mattei, Riccardo; and Osti, Roberto, 4,555,281, Cl. 156-64.000.
- Ostlinning, Edgar; and Idel, Karsten, to Bayer Aktiengesellschaft. Anhydrous preparation of polyarylene sulfide in one vessel reaction system. 4,500,702, 2-19-85, Cl. 528-388.000.
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- Ostlinning, Edgar: *See*—
  - Idel, Karsten; Ostlinning, Edgar; Koch, Wolfgang; and Heitz, Walter, 4,525,579, Cl. 528-388.000.
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- Ostlund, Gunnar, to Aktiebolaget Svenskt Mjolsocker. Concentric filter elements. 4,525,275, 6-25-85, Cl. 210-323.200.
- Ostman, Per H., to Ekono Oy. Method for use in recompression evaporation of a solution. 4,530,737, 7-23-85, Cl. 159-47.100.

- Ostop, John A.: *See—*
  - Przybysz, John X.; and Ostop, John A., 4,514,898, Cl. 29-582.000.
- Ostrander, Charles, to Consolidated Foods Corporation. Slipper. 4,554,749, 11-26-85, Cl. 36-102.000.
- Ostrander, William J., to Chevron Research Company. Method for interpretation of seismic records to yield indicating of the lithology of gas-bearing and capping strata. 4,562,558, 12-31-85, Cl. 367-68.000.
- Ostrander, William J.: *See—*
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- Ostreicher, Eugene A.: *See—*
  - Crowder, Alvin L., III; Dailey, Nils L.; Fiore, Joseph V.; Hou, Kenneth C.; Marinaccio, Paul J.; and Ostreicher, Eugene A., 4,512,897, Cl. 210-656.000.
- Ostrem, John S.: *See—*
  - Crane, Hewitt D.; Ostrem, John S.; and Edberg, Peter K., 4,531,231, Cl. 382-13.000.
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- Ostrenko, Nikolai S.: *See—*
  - Logvinov, Anatoly A.; Milov, Vladimir N.; Ostrenko, Nikolai S.; Demyanovich, Nikolai A.; Antonov, Vladimir A.; Abdulin, Fen Z.; and Berdiev, Oleg S., 4,519,437, Cl. 164-284.000.
- Ostro, Marc J.: *See—*
  - Lenk, Robert P.; Fountain, Michael W.; Janoff, Andrew S.; Ostro, Marc J.; and Popescu, Micrea C., 4,522,803, Cl. 424-1.100.
- Ostrobrod, Meyer. Safety device. 4,511,123, 4-16-85, Cl. 254-364.000.
- Ostrobrod, Meyer: *See—*
  - Ellis, J. Nigel; and Ostrobrod, Meyer, 4,538,703, Cl. 182-5.000.
- Ostrovskaya, Tamara P.: *See—*
  - Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I., 4,529,589, Cl. 424-81.000.
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  - Kuznetsov, Oleg L.; Maxutov, Rafkhat A.; Malchenok, Vladimir O.; Mordukhaev, Khanuko M.; Ostrovsky, Anatoly P.; Rubtsov, Adolf E.; Simkin, Ernst M.; and Sokolov, Alexei V., 4,558,737, Cl. 166-60.000.
- Osuga, Minoru; and Oyama, Yoshishige, to Hitachi, Ltd. Air/fuel ratio detector. 4,534,330, 8-13-85, Cl. 123-440.000.
- Osugi, Minoru; Nakamura, Tadasi; and Ebata, Shuji, to Mitsubishi Gas Chemical Company, Inc. Catalyst composition suited for synthesis of methanol. 4,547,482, 10-15-85, Cl. 502-208.000.
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  - Tanaka, Tomiho; and Osujo, Masahide, 4,548,291, Cl. 180-321.000.
- Osuka, Masanari: *See—*
  - Tanaka, Motomu; Osuka, Masanari; Kuri, Takeshi; and Takakuwa, Sadao, 4,518,764, Cl. 528-271.000.
- O'Sullivan Corporation: *See—*
  - Dawson, C. Bruce, 4,496,113, Cl. 242-67.10R.
  - Dawson, C. Bruce, 4,546,931, Cl. 242-67.200.
- O'Sullivan, Daniel J. Convenient baby chair. 4,511,177, 4-16-85, Cl. 297-136.000.
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- Ota, Kiichiro: *See—*
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- Ota, Naoto: *See—*
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  - Horikoshi, Tatsuo; Yonezawa, Seiji; Tsuyoshi, Toshiaki; Tooyama, Hiroshi; and Otake, Masatoshi, 4,541,082, Cl. 369-44.000.
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  - Takubo, Takayuki; and Otake, Yoshichi, 4,531,159, Cl. 358-229.000.
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  - McManus, Gregory K.; and Otani, Masato, 4,535,552, Cl. 34-236.000.
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- Otani, Yasuhisa: *See—*
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- Otani, Yutaka, to Olympus Optical Co., Ltd. Endoscope. 4,537,182, 8-27-85, Cl. 128-4.000.
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  - Maidanik, Jury F.; Vershinin, Sergei V.; Kholodov, Valery F.; and Dolgirev, Jury E., 4,515,209, Cl. 165-104.220.
- Otema, Martin. Show case. 4,560,214, 12-24-85, Cl. 312-114.000.
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  - Doane, John C.; and Skalski, Clement A., 4,527,662, Cl. 187-29.00R.
  - Doane, John C.; and Hardenbrook, David L., 4,561,093, Cl. 371-20.000.
  - Koppensteiner, Werner, 4,512,444, Cl. 187-67.000.
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  - Rado, David J.; and Coste, Steven D., 4,520,904, Cl. 187-29.00R.
  - Salihi, Jalal T., 4,501,343, Cl. 187-29.00R.
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  - Salmon, John K.; and Hiller, Irving A., 4,522,285, Cl. 187-22.000.
  - Salmon, John K.; and Yoo, Young S., 4,548,297, Cl. 187-20.000.
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  - Adams, James B., Jr., 4,513,944, Cl. 251-89.000.
  - Barker, James M., 4,532,989, Cl. 166-188.000.
  - Bayh, Russell I., III, 4,529,035, Cl. 166-106.000.
  - Boski, Israel, 4,491,060, Cl. 92-128.000.
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  - Canalizo, Carlos R., 4,516,917, Cl. 417-390.000.
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  - Dollison, William W., 4,491,055, Cl. 91-306.000.
  - Foust, Tommy C., 4,508,165, Cl. 166-117.500.
  - Fredd, John V., 4,537,383, Cl. 251-58.000.
  - Gano, John C.; and Perkins, Donald H., 4,512,399, Cl. 166-120.000.
  - Gano, John C.; and Kohn, Gary A., 4,535,968, Cl. 251-58.000.
  - Gazda, Imre I., 4,540,048, Cl. 166-214.000.
  - Gentry, Ernest B., 4,506,858, Cl. 251-1.00A.
  - Gray, Floyd R.; and Rood, Dennis D., 4,519,451, Cl. 166-278.000.
  - Higgins, Brian D., 4,545,434, Cl. 166-217.000.
  - Hilts, Robert L.; and Crow, Robert W., 4,524,833, Cl. 166-381.000.
  - McNeer, Johnny C., 4,522,264, Cl. 166-278.000.
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  - Noack, Timothy J.; and Rathie, Lester C., 4,522,370, Cl. 251-63.500.
  - Pitts, Glen E., 4,516,634, Cl. 166-120.000.

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Setterberg, John R., Jr., 4,502,536, Cl. 166-105.500.
Sizer, Phillip S.; Cox, Don C.; and Council, Malcolm N., 4,515,220, Cl. 166-384.000.
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Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-317.000.
Otonari, Michiyasu: *See—*
Ando, Takehiro; Miyake, Shuji; Murakami, Osamu; Kawabata, Takashi; Hayashi, Shigeo; Otonari, Michiyasu; and Kato, Toyoaki, 4,549,835, Cl. 405-4.000.
O'Toole, Richard M.: *See—*
Carey, Bruce P.; and O'Toole, Richard M., 4,545,165, Cl. 52-488.000.
O'Toole, Yvonne: *See—*
Floris, Pier-Luigi; and O'Toole, Yvonne, 4,554,535, Cl. 340-689.000.
Otoshi, Shoji: *See—*
Ouchi, Yasumasa; and Otoshi, Shoji, 4,509,336, Cl. 62-112.000.
Otouma, Hiroshi: *See—*
Oda, Yoshio; Otouma, Hiroshi; and Endoh, Eiji, 4,498,962, Cl. 204-129.000.
Oda, Yoshio; Otouma, Hiroshi; and Endoh, Eiji, 4,536,259, Cl. 204-35.100.
Otozaki, Sigeo: *See—*
Take, Takao; Kaneko, Katuaki; and Otozaki, Sigeo, 4,544,424, Cl. 156-39.000.
Otrhalek, Joseph V.; and Gerard, Donald R., to Detrex Chemical Industries, Inc. Zinc phosphate coated metal and process of producing same. 4,529,451, 7-16-85, Cl. 148-6.15Z.
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Otsap, Ben A.: *See—*
Tiep, Brian L.; Phillips, Robert E.; and Otsap, Ben A., 4,535,767, Cl. 128-207.180.
Otstot, Roger S.; and Runkle, Charles J., to Monsanto Company. Method of mounting a fluid separation module in a tubular shell. 4,517,720, 5-21-85, Cl. 29-157.00R.
Otsu, Keiichiro: *See—*
Kaku, Yoshihiro; and Otsu, Keiichiro, 4,512,175, Cl. 72-360.000.
Otsu, Kouji: *See—*
Soneda, Mitsuo; Maekawa, Toshikazu; and Otsu, Kouji, 4,538,288, Cl. 377-76.000.
Otsu, Nobuyuki: *See—*
Toraichi, Kazuo; Otsu, Nobuyuki; and Suzuki, Motomu, 4,538,227, Cl. 364-414.000.
Otsubo, Akira, to [illegible]kuro Kakunenryo Kaihatsu Jigyodan. Nuclear reactor. 4,495[illegible], 1-22-85, Cl. 376-171.000.
Otsubo, Isamu: *See—*
Kawamura, [illegible]; Otsubo, Isamu; and Kitagawa, Tsutomu, 4,506,145, Cl. [illegible]99.000.
Otsubo, Tooichi, to [illegible]nal Federation of Dairy Co-Operative Associations, The. Powdery instant milk composition and method of producing the same. 4,496,604, 1-29-85, Cl. 426-588.000.
Otsubo, Yorihumi: *See—*
Yoshihara, Setsuo; Otsubo, Yorihumi; and Kobayashi, Takashi, 4,496,830, Cl. 235-458.000.
Otsubo, Yoshiaki: *See—*
Ogawa, Harumi; Obikawa, Fumito; Koyama, Toshio; Otsubo, Yoshiaki; Wakabayashi, Hiroshi; and Otani, Tadashi, 4,525,049, Cl. 354-173.110.
Otsuji, Shogo: *See—*
Yamada, Hideaki; Otsuji, Shogo; Isobe, Kimiyasu; Matsunaga, Kuniyoshi; and Inukai, Tadahiko, 4,550,078, Cl. 435-25.000.
Otsuka Chemical Co., Ltd.: *See—*
Tadashi, Ii; and Saichi, Egusa, 4,517,018, Cl. 75-129.000.
Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,542,067, Cl. 428-237.000.
Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, to Matsushita Electric Industrial Co., Ltd.; and Matsushita Graphic Communications Systems, Inc. Variable density scanner. 4,502,081, 2-26-85, Cl. 358-280.000.
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Otsuka, Hirotaka: *See—*
Tsuchiya, Hiroyoshi; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Otsuka, Hirotaka, 4,551,768, Cl. 358-283.000.
Otsuka Kagaku Yakuhin Kabushiki Kaisha: *See—*
Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.
Morimoto, Takuo; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,496,469, Cl. 252-62.000.
Shono, Tatsuya, 4,544,766, Cl. 560-75.000.
Shono, Tatsuya, 4,560,447, Cl. 204-59.00R.
Takao, Hisashi, 4,532,339, Cl. 549-470.000.
Takao, Hisashi, 4,540,708, Cl. 514-469.000.
Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, 4,499,265, Cl. 544-16.000.
Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, 4,532,077, Cl. 260-245.400.
Otsuka, Kanji; Mitsusada, Kazumichi; Sekibata, Masao; and Ohnishi, Shinji, to Hitachi, Ltd. Semiconductor device including an alpha-particle shield. 4,541,003, 9-10-85, Cl. 357-74.000.
Otsuka, Kanji: *See—*
Shirai, Yuji; Otsuka, Kanji; Usami, Tamotsu; and Yamasaki, Yasuyuki, 4,527,730, Cl. 228-179.000.
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Otsuka, Kazuo; Narasaka, Shin; and Hasegawa, Shumpei, to Honda Motor Co., Ltd. Electronic circuit for vehicles, having a fail safe function for abnormality in supply voltage. 4,503,479, 3-5-85, Cl. 361-90.000.
Otsuka, Kazuo: *See—*
Igarashi, Michiaki; Inui, Takayasu; Otsuka, Kazuo; Nogami, Saburo; and Nishimura, Satoru, 4,507,057, Cl. 417-216.000.
Narasaka, Shin; Otsuka, Kazuo; and Kishida, Eiji, 4,526,148, Cl. 123-440.000.
Otsuka, Kenichi: *See—*
Nishikawa, Akira; Saito, Toru; and Otsuka, Kenichi, 4,502,132, Cl. 361-332.000.
Otsuka, Kiyotaka: *See—*
Tanahashi, Masao; Tanabe, Toshio; and Otsuka, Kiyotaka, 4,493,149, Cl. 30-43.920.
Otsuka, Nobuyuki: *See—*
Hirai, Seiichi; and Otsuka, Nobuyuki, 4,494,941, Cl. 464-145.000.
Otsuka Pharmaceutical Company, Limited: *See—*
Ishikawa, Hiroshi; Tabasa, Fujio; and Nakagawa, Kazuyuki, 4,544,747, Cl. 546-156.000.
Ishikawa, Hiroshi; Uno, Testuyuki; Kano, Masanobu; and Nakagawa, Kazuyuki, 4,552,879, Cl. 514-253.000.

  - Miyazaki, Wasei; Sato, Tsuneo; Nakayama, Yasuo; and Sato, Tadao, 4,536,391, Cl. 424-94.000.
  - Nakayama, Yasuo; Miyazaki, Wasei; and Shinohara, Masa[illegible]ao, 4,545,988, Cl. 424-94.000.
  - Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.
  - Tominaga, Michiaki; Yang, Yung-hsiung; Ogawa, Hidenori; and Nakagawa, Kazuyuki, 4,514,401, Cl. 514-253.000.
  - Uchida, Minoru; Nishi, Takao; and Nakagawa, Kazuyuki, 4,540,703, Cl. 514-381.000.
  - Yanaihara, Noboru; Sugiura, Nobuo; and Hiyama, Takashi, 4,517,180, Cl. 514-16.000.
  - Yoshida, Mitsuaki; Sugano, Haruo; Shimizu, Fumio; and Imagawa, Kenichi, 4,525,300, Cl. 260-112.50R.
- Otsuka, Ryotatsu; Tanimoto, Sigemi; and Toyoda, Kazuo, to Showa Aluminum Corporation. Process for treating molten aluminum to remove hydrogen gas and non-metallic inclusions therefrom. 4,556,419, 12-3-85, Cl. 75-68.00R.
- Otsuka, Shigeharu: *See—*
  - Okado, Hiroyuki; Kakizoe, Masahiro; Otsuka, Shigeharu; and Sako, Yuji, 4,506,243, Cl. 335-132.000.
- Otsuka, Toru, to Sony Corporation. Head positioning apparatus. 4,513,334, 4-23-85, Cl. 360-75.000.
- Otsuka, Tsuneo: *See—*
  - Inoue, Kazuo; and Otsuka, Tsuneo, 4,550,794, Cl. 180-219.000.
- Otsuki, Haruki: *See—*
  - Igarashi, Takashi; Mukai, Nakashiro; and Otsuki, Haruki, 4,538,475, Cl. 74-368.000.
- Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, to Nippondenso Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Electromagnetic reed valve. 4,513,945, 4-30-85, Cl. 251-129.000.
- Otsuki, Hiroyuki: *See—*
  - Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, 4,495,149, Cl. 422-65.000.
  - Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, 4,557,154, Cl. 74-89.210.
- Otsuki, Masaaki; and Kida, Shinji, to Toshiba Silicone Co., Ltd. Prevention of odors in polyorganosiloxanes. 4,51[illegible]979, 5-7-85, Cl. 556-445.000.
- Otsuki, Michiaki: *See—*
  - Itoh, Katsuyuki; Itoh, Shinichi; and Otsuki, Michiaki, 4,545,670, Cl. 355-3.0DD.
- Otsuki, Susumu: *See—*
  - Kawabata, Yoshimasa; and Otsuki, Susumu, 4,558,396, Cl. 361-399.000.
- Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, to Nippon Paint Co., Ltd.; and Nippon Oil Co., Ltd. Cathode-depositing electrodeposition coating composition. 4,543,406, 9-24-85, Cl. 528-111.500.
- Otsuki, Zenju; and Inami, Mamoru, to Victor Company of Japan, Limited. Circuit arrangement for correcting frequency response in accordance with frequency response of a sound field. 4,559,569, 12-17-85, Cl. 360-65.000.
- Otsuki, Zenju: *See—*
  - Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,510,840, Cl. 84-477.00R.
  - Kitamura, Masatsugu; Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,504,870, Cl. 360-25.000.
  - Tanaka, Yoshiaki; Inami, Mamoru; and Otsuki, Zenju, 4,546,690, Cl. 84-477.00R.
- Ott, David. Vehicle lifting system and method. 4,553,719, 11-19-85, Cl. 244-118.100.
- Ott, Edward: *See—*
  - Manheimer, Wallace M.; Ott, Edward; and Bondeson, Anders, 4,491,765, Cl. 315-4.000.
- Ott, Gerhard: *See—*
  - Barnicol-Ottler, Max; Loczenski, Martin; Mieschke, Norbert; Ott, Gerhard; Przybylski, Gerhard; and Weber, Dietmar, 4,538,022, Cl. 174-113.00R.
- Ott, Gunther: *See—*
  - Geist, Michael; and Ott, Gunther, 4,539,385, Cl. 528-100.000.
- Ott, Hans; Boegli, Rolf; Birch, Ulrich; Kipphan, Helmut; and Loffler, Gerhard, to Gretag Aktiengesellschaft. Process and apparatus for the colorimetric analysis of printed material. 4,505,589, 3-19-85, Cl. 356-402.000.
- Ott, Horst, to Tetra Pak International AB. Machine for the fabrication, filling, and sealing of packages. 4,528,803, 7-16-85, Cl. 53-563.000.
- Ott, Karl-Erich; and Behrens, Thomas, to Hoechst Aktiengesellschaft. Stirrer for stirring near a vessel wall. 4,552,461, 11-12-85, Cl. 366-279.000.
- Ott, Karl-Heinz; Lindner, Christian; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, to Bayer Aktiengesellschaft. Moulding compositions of vinyl chloride polymers, graft polymers and polymeric plasticizers having a high resistance to ageing. 4,518,515, 5-21-85, Cl. 525-79.000.
- Ott, Karl-Heinz: *See—*
  - Eichenauer, Herbert; Doring, Joachim; Ott, Karl-Heinz; and Bottenbruch, Ludwig, 4,560,726, Cl. 525-71.000.
  - Lindner, Christian; Braese, Hans-Eberhard; Ott, Karl-Heinz; and Uerdingen, Walter, 4,511,695, Cl. 525-80.000.
  - Lindner, Christian; Ott, Karl-Heinz; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,743, Cl. 525-80.000.
  - Lindner, Christian; Ott, Karl-Heinz; and Braese, Hans-Eberhard, 4,522,959, Cl. 523-335.000.
  - Zabrocki, Karl; Ott, Karl-Heinz; Schmidt, Adolf; and Pischtschan, Alfred, 4,520,165, Cl. 525-84.000.
- Ott, Kevin C.: *See—*
  - Lewis, Robert M.; Ott, Kevin C.; and Van Santen, Rutger A., 4,510,257, Cl. 502-63.000.
- Ott, Paul W.; Engebretson, Harold J.; LaHue, Philip M.; and Van Steenwyk, Brett H., to Applied Technologies Associates. Azimuth determination for vector sensor tools. 4,559,713, 12-24-85, Cl. 33-302.000.
- Ott, Robert J., to Exxon Research & Engineering Co. High stability demand ink jet apparatus and method of operating same. 4,523,199, 6-11-85, Cl. 346-1.100.
- Ott, Rudi; and Reith, Heribert, to Robert Bosch GmbH. Method and apparatus for regeneration of a copper-containing etching solution. 4,508,599, 4-2-85, Cl. 204-10.000.
- Ott, William E.; and Krieg, Edwin A., to Allied Corporation. Wedge actuated drum brake assembly. 4,519,482, 5-28-85, Cl. 188-343.000.
- Ott, William E., to United States of America, Air Force. Total temperature probe buffer amplifier. 4,546,320, 10-8-85, Cl. 328-3.000.
- Ott, William E., to Allied Corporation. Automatic slack adjuster. 4,561,523, 12-31-85, Cl. 188-79.50K.
- Ottagawa, Takaaki: *See—*
  - Bockris, John O'M.; and Ottagawa, Takaaki, 4,497,698, Cl. 204-129.000.
- Ottaviani, Robert A.; Short, William T.; and Hart, Donald J., to General Motors Corporation. Sag control of high solid polyurethane clearcoats by urea thixotrope/silica systems. 4,528,319, 7-9-85, Cl. 524-540.000.
- Ottaviani, Robert A.: *See—*
  - Short, William T.; and Ottaviani, Robert A., 4,522,986, Cl. 525-458.000.
  - Short, William T.; Ottaviani, Robert A.; and Hart, Donald J., 4,540,734, Cl. 524-507.000.
- Ottaviano, Gary W., to Ranpak Corp. Mechanism for producing pad-like cushioning dunnage from sheet material. 4,557,716, 12-10-85, Cl. 493-464.000.
- Otte, Dieter W.: *See—*
  - Sarnosky, Joseph R.; Wolbrink, David W.; and Otte, Dieter W., 4,510,851, Cl. 98-42.080.
- Otte, Heinz: *See—*
  - Otte, Wolf-Dieter; Otte, Heinz; and Schider, Siegfried, 4,522,202, Cl. 128-92.0BC.
- Otte, Henning: *See—*
  - Heinrich, Wulf-Dieter; and Otte, Henning, 4,517,506, Cl. 318-807.000.
- Otte, Ilse: *See—*
  - Knable, Thomas; Sollner, Lydia; Wethey, Richard; and Otte, Ilse, 4,532,276, Cl. 524-18.000.
- Otte, Joseph N. A., to Dow Chemical, Belgium, S.A. Method for the production of high fructose corn syrup. 4,523,960, 6-18-85, Cl. 127-46.200.
- Otte, Werner; Nehring, Rudolf; and zur Hausen, Manfred, to Chemische Werke Huels AG. Process for the production of 2- and 4-tert-butylcyclohexanols with high proportions of cis-isomers by catalytic-hydrogenation of the corresponding tert-butylphenols. 4,551,564, 11-5-85, Cl. 568-834.000.
- Otte, Werner: *See—*
  - Dorffel, Jorg; Lange, Erhard; Otte, Werner; and Heinrich, Friedrich, 4,542,194, Cl. 525-521.000.
- Otte, Wolf-Dieter; Otte, Heinz; and Schider, Siegfried, to Schwarzkopf Development Corporation. Curved intramedullary lower leg spike. 4,522,202, 6-11-85, Cl. 128-92.0BC.
- Otteblad, Sven I.; and Dovertie, Ralph G., to Aquastat AB. Lifting body for diving. 4,498,408, 2-12-85, Cl. 114-52.000.
- Otten, Brigitte: *See—*
  - Mehler, Doron; and Otten, Brigitte, 4,543,092, Cl. 604-164.000.
- Otten, Hans-Gunter: *See—*
  - Brandt, Horst; Gehrke, Gunter; Muders, Rolf; Otten, Hans-Gunter; and Wiegner, Dieter, 4,523,926, Cl. 8-639.000.
  - Nickel, Horst; and Otten, Hans-Gunter, 4,539,009, Cl. 8-641.000.
- Otten, Heinrich, to Franz Kuhlmann Prazisionsmechanik und Maschinenbau GmbH & Co. KG. Guide rail for a drawing machine carriage. 4,520,573, 6-4-85, Cl. 33-438.000.
- Otten, Joachim W., deceased: *See—*
  - Meininger, Fritz; Otten, Joachim W., deceased; Otten, Ursula, heir; and Rudolph nee Otten, Anna G., heir, 4,515,598, Cl. 8-549.000.
- Otten, Ralph H. J. M., to International Business Machines Corporation. Method for generating an optimized nested arrangement of constrained rectangles. 4,554,625, 11-19-85, Cl. 364-148.000.
- Otten, Ursula, heir: *See—*
  - Meininger, Fritz; Otten, Joachim W., deceased; Otten, Ursula, heir; and Rudolph nee Otten, Anna G., heir, 4,515,598, Cl. 8-549.000.
- Ottenberg, Lee: *See—*
  - Ottenberg, Ray, 4,560,559, Cl. 426-19.000.
- Ottenberg, Ray, to Ottenberg, Lee, a part interest. Yeast-raisable wheat-based food products that exhibit reduced deterioration in palatability upon exposure to microwave energy. 4,560,559, 12-24-85, Cl. 426-19.000.
- Ottenhof, Henricus A. W. E. M., to Stichting Nederlands Instituut voor Zuivelonderzoek. Process for the preparation of a precipitate of casein and whey protein. 4,519,945, 5-28-85, Cl. 260-119.000.
- Otter, Brian: *See—*
  - Maczuszenko, Andrzej; Davison, Ernest; Otter, Brian; Whittaker, Brian F.; Novak, Christopher; and Landheer, Dolf, 4,516,847, Cl. 355-3.0TR.

- Otter Controls Limited: *See—*
  - Blackburn, Arthur M., 4,507,642, Cl. 337-89.000.
  - Blackburn, Arthur M., 4,532,488, Cl. 337-111.000.
  - Phillips, Richard A.; and Naylor, Peter W., 4,523,173, Cl. 337-367.000.
  - Phillips, Richard A.; Fletcher, Keith; and Naylor, Peter W., 4,539,468, Cl. 219-330.000.
- Otterbacher, Eric W., to Dow Chemical Company, The. Preparation of hydroxyaromatic ethers. 4,528,394, 7-9-85, Cl. 560-061.000.
- Otterbacher, Eric W.: *See—*
  - Mendoza, Abel; and Otterbacher, Eric W., 4,511,731, Cl. 560-061.000.
- Otterbein, Roy T., to Arvin Industries, Inc. Combination direct and indirect evaporative media. 4,544,513, 10-1-85, Cl. 261-153.000.
- Ottermann, Hans-Gert: *See—*
  - Heims, Dirk; Ottermann, Hans-Gert; and Prang, Robert, 4,507,014, Cl. 404-102.000.
- Otterson, Richard J.: *See—*
  - Login, Robert B.; Walele, Ismail L.; and Otterson, Richard J., 4,515,721, Cl. 260-400.000.
- Otterstedt, Jan-Erik A.; Jaras, Sven G.; Pudas, Roland; and Upson, Lawrence L., to Katalistiks B.V. Cracking catalyst. 4,515,903, 5-7-85, Cl. 502-68.000.
- Ottestad, Jack B.; and Duehr, Bernard W., Jr. Tool mounting means for a hydraulically powered impact hammer. 4,550,784, 11-5-85, Cl. 173-114.000.
- Ottestad, Nils T. Gas regulator valve. 4,534,380, 8-13-85, Cl. 137-490.000.
- Otting, Billy J., to Otting International, Inc. Method and apparatus for spray treating textile material. 4,501,038, 2-26-85, Cl. 8-151.000.
- Otting, Billy J.; and Clifford, Alfred, to Otting Machine Company, Incorporated. Pattern dyeing of textile materials such as carpet. 4,547,921, 10-22-85, Cl. 8-151.000.
- Otting, Billy J., to Otting Machine Company, Inc. Pinch tube valve. 4,548,382, 10-22-85, Cl. 251-5.000.
- Otting International, Inc.: *See—*
  - Otting, Billy J., 4,501,038, Cl. 8-151.000.
- Otting Machine Company, Incorporated: *See—*
  - Otting, Billy J.; and Clifford, Alfred, 4,547,921, Cl. 8-151.000.
  - Otting, Billy J., 4,548,382, Cl. 251-5.000.
- Ottmann, Gerhard F.: *See—*
  - Buchholz, Horst; Ottmann, Gerhard F.; and Patzschke, Hans-Peter, 4,529,492, Cl. 204-180.200.
- Otto Bihler Maschinenfabrik GmbH & Co. KG: *See—*
  - Augenstein, Reiner, 4,517,725, Cl. 29-417.000.
- Otto Bock Orthopadische Industrie KG: *See—*
  - Fettweis, Ewald; and Kindler, Wolfgang, 4,497,315, Cl. 128-78.000.
  - Glabiszewski, Richard, 4,513,457, Cl. 3-15.000.
  - Glabiszewski, Richard, 4,529,332, Cl. 403-366.000.
  - Haupt, Werner, 4,506,395, Cl. 3-6.000.
- Otto, Charles W., to General Electric Company. Dynamoelectric machine with self-adjusting bearing. 4,494,027, 1-15-85, Cl. 310-89.000.
- Otto, Dennis L.: *See—*
  - Drygalski, Gordon T.; Otto, Dennis L.; and Ross, Donald K., 4,556,225, Cl. 277-152.000.
- Otto, Dieter: *See—*
  - Backe, Egbert; Muller, Rolf; Otto, Dieter; Leonardi, Cornelio; Kochendorfer, Heinrich; Fussner, Paul; Walker, Ewald; and Rommel, Rudi, 4,499,757, Cl. 73-119.00A.
- Otto, Eberhard: *See—*
  - Maul, Rudolf; Otto, Eberhard; and Zinke, Horst, 4,492,661, Cl. 260-976.000.
- Otto Fabric, Inc.: *See—*
  - Olsen, Thomas O., 4,528,799, Cl. 53-432.000.
- Otto, Fred D.: *See—*
  - Wanke, Sieghard E.; Rangwala, Huseni A.; Otto, Fred D.; Dalla Lana, Ivo G.; Paterson, Linda M.; and Rolston, John H., 4,536,488, Cl. 502-159.000.
- Otto, Gerhard: *See—*
  - Bredow, Walter; and Otto, Gerhard, 4,495,398, Cl. 219-121.0LG.
- Otto, Gunther; and Warmbold, Gert, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Apparatus for recording X-ray radiation pictures, in particular in the cosmic space. 4,550,420, 10-29-85, Cl. 378-171.000.
- Otto, Jack F.: *See—*
  - Colacello, Michael A.; Fitzke, Emil V.; and Otto, Jack F., 4,561,874, Cl. 65-36.000.
- Otto, John B., Jr.; and Paul, James M., to Mobil Oil Corporation. Method for immobilizing contaminants in previously leached ores. 4,536,034, 8-20-85, Cl. 299-5.000.
- Otto, Josef: *See—*
  - Schudlich, Kurt; Vielstich, Gunter; Muhlenbeck, Josef; Otto, Josef; Bauer, Hannsgeorg; Zollner, Dieter H.; and Rittmann, Friedrich, 4,518,365, Cl. 445-67.000.
- Otto, Konrad: *See—*
  - Schneider, Walter; Ebert, Klaus-Peter; and Otto, Konrad, 4,540,183, Cl. 277-1.000.
- Otto, Lance M. Uneven bars. 4,555,107, 11-26-85, Cl. 272-63.000.
- Otto, Lee W.; Ingold, John H.; and Bergman, Rolf S., to General Electric Company. Incandescent lamp source utilizing an integral cylindrical transparent heat mirror. 4,517,491, 5-14-85, Cl. 313-579.000.
- Otto, Maurice J.; and Peridont, Jean-Pierre, to Societe Anonyme dite: Etudes et Fabrications Optiques. Grinding or polishing machine for optical lenses. 4,520,596, 6-4-85, Cl. 51-55.000.
- Otto, Ronald F.; and Kempel, John J., to Garland Manufacturing Co. Energy efficient garage door construction and the like. 4,518,026, 5-21-85, Cl. 160-232.000.
- Otto, Stanislaus J.; and Doty, Verle L., to United States of America, Navy. Load-unload device—limit overload sensing device. 4,497,400, 2-5-85, Cl. 198-468.000.
- Otto, Stanley W.; Rhoads, Jack G.; and Scrivan, Michel A., to Hallmark Cards, Inc. Directing and controlling the distribution of radiant energy. 4,509,825, 4-9-85, Cl. 350-259.000.
- Otto Tuchenhagen GmbH & Co. KG: *See—*
  - Stahlkopf, Friedrich R. R., 4,492,535, Cl. 417-394.000.
- Otto, William C.; and Daugherty, Norman E., to E.M.B. Corporation. Current operated miniature relay. 4,509,027, 4-2-85, Cl. 335-201.000.
- Otto, Wolfgang K. F., to Milliken Research Corporation. Mechanical surface finishing apparatus for textile fabric. 4,512,065, 4-23-85, Cl. 26-28.000.
- Ottosen, Richard A.: *See—*
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  - Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., 4,507,968, Cl. 73-626.000.
- Ottoson, Javan D., to Atlantic Richfield Company. Method for stabilizing particulate low rank coal in a fluidized bed. 4,495,710, 1-29-85, Cl. 34-10.000.
- Ottoson, Ulf: *See—*
  - Boysen, Lennart; and Ottoson, Ulf, 4,518,125, Cl. 241-141.000.
- Ottosson, Goran: *See—*
  - Olsson, Ingemar; Ottosson, Goran; and Sinner, Bengt, 4,496,112, Cl. 242-66.000.
- Ottsen, Henning; and Barker, Thruburn, to Mobil Oil Corporation. Marine cable location system. 4,513,401, 4-23-85, Cl. 367-19.000.
- Ottung, Kaj. Valve assembly for the supply of a pressurized gaseous fluid to closed containers. 4,535,806, 8-20-85, Cl. 137-493.600.
- Otty, Malcolm. Composite insulation material. 4,533,580, 8-6-85, Cl. 428-36.000.
- Otty, Malcolm. Coil shaping apparatus. 4,558,580, 12-17-85, Cl. 72-301.000.
- Otu, Koichi: *See—*
  - Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, 4,505,755, Cl. 106-308.00B.
  - Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, 4,551,497, Cl. 524-423.000.
- OTV (Omnium de Traitement et de Valorisation): *See—*
  - Desbos, Gilbert; and Faivre, Michel, 4,504,388, Cl. 210-150.000.
- Otvos, Laszlo : *See—*
  - Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.
- Otzen, Uwe; and Wild, Karl. Catch for safety belts of air, water, and land transport means. 4,555,831, 12-3-85, Cl. 24-603.000.
- Ou, Di-Yi, to UOP Inc. Separation of sucrose from molasses. 4,519,845, 5-28-85, Cl. 127-46.200.
- Ou, Jan-Chou. Multi-image camera. 4,533,224, 8-6-85, Cl. 354-77.000.
- Ou-Yang, David T., to Minnesota Mining and Manufacturing Company. Inner seal for capped containers. 4,503,123, 3-5-85, Cl. 428-349.000.
- Ouchi, Chiaki: *See—*
  - Yamamoto, Sadahiro; and Ouchi, Chiaki, 4,528,046, Cl. 148-12.00E.
- Ouchi, Hidenaga: *See—*
  - Itagaki, Takaharu; Ouchi, Hidenaga; and Shimura, Akihiro, 4,495,250, Cl. 428-520.000.
- Ouchi, Hideyuki: *See—*
  - Yoshida, Takashi; Fujie, Masakatsu; Matsuno, Junichi; and Ouchi, Hideyuki, 4,521,813, Cl. 358-296.000.
- Ouchi, Hiromu: *See—*
  - Kato, Junichi; Yokotani, Yoichirou; Nishida, Masamitsu; and Ouchi, Hiromu, 4,542,107, Cl. 501-134.000.
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- Ouchi, Kiyoshi, to Ebara Corporation. Submergible motor pump assembly. 4,523,899, 6-18-85, Cl. 417-360.000.
- Ouchi, Teruo; and Shibuya, Hiromichi, to Kabushiki Kaisha Medos Kenkyusho. Method for manufacturing a flexible tube for an endoscope. 4,495,134, 1-22-85, Cl. 264-516.000.
- Ouchi, Teruo; Chikashige, Kiyoshi; and Ueda, Hirohisa, to Kabushiki Kaisha Medos Kenkyusho. Device for preventing the observing objective lens window of an endoscope from collecting moisture. 4,497,550, 2-5-85, Cl. 350-584.000.
- Ouchi, Toshiki; and Sano, Yoshiaki, to Nissan Motor Company, Limited; and Nihon Plast Company, Limited, part interest to each. Louvered grille unit and method of its manufacture. 4,546,695, 10-15-85, Cl. 98-121.200.
- Ouchi, Yasumasa; and Otoshi, Shoji, to Osaka Gas Company Limited. Air conditioning apparatus. 4,509,336, 4-9-85, Cl. 62-112.000.
- Ouchi, Yoshiaki; Ishihara, Masamichi; Matsumoto, Tetsuro; and Miyazawa, Kazuyuki, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Semiconductor memory device. 4,562,555, 12-31-85, Cl. 365-233.000.
- Oude Alink, Bernardus A., to Petrolite Corporation. 4,5-Dihydrothiazoles and preparation thereof. 4,555,576, 11-26-85, Cl. 548-146.000.
- Oude Alink, Bernardus A.: *See—*
  - Outlaw, Benjamin T.; Oude Alink, Bernardus A.; Kelley, Joe A.; and Claywell, Carol S., 4,511,480, Cl. 252-8.55E.

  - Thompson, Neil E. S.; Redmore, Derek; Oude Alink, Bernardus A.; and Outlaw, Benjamin T., 4,539,404, Cl. 544-335.000.
- Oudet, Claude; and Regnier, Danielle, to Portescap. Stepper motor control device. 4,516,064, 5-7-85, Cl. 318-696.000.
- Oudet, Claude, to Portescap. Electric stepper motor. 4,517,478, 5-14-85, Cl. 310-49.00R.
- Oudet, Claude, to Portescap. Electric motor with permanent magnet rotor. 4,518,883, 5-21-85, Cl. 310-49.00R.
- Ouellette, Joseph F. Top feeding and ejecting materials handling apparatus. 4,557,656, 12-10-85, Cl. 414-43.000.
- Ouellette, Paul J., to AT&T Technologies, Inc. Lead having a solder-preform and preform-carrying finger engageable directly with a contact pad. 4,537,461, 8-27-85, Cl. 339-258.00R.
- Ouest Standard Telematique: *See—*
  - Cohen, Albert E.; Hance, William G.; Moir, Ian; Lane, Thao; and Caussarieu, Frederic, 4,525,830, Cl. 370-60.000.
- Ouhata, Koukichi; and Sugawara, Hiroyuki, to Hitachi, Ltd. Cathode-ray tube. 4,503,357, 3-5-85, Cl. 315-1.000.
- Ouhayoun, Michel; and Robert, Alain, to Societe Anonyme de Telecommunications. Gas wave-guide laser generator. 4,551,843, 11-5-85, Cl. 372-87.000.
- Oulie, Michel B.: *See—*
  - Muller, Guy L.; Fraioli, Daniel F.; and Oulie, Michel B., 4,539,185, Cl. 422-233.000.
- Oulsnam, Bryon T. Roof bolts for mines and the like workings. 4,498,817, 2-12-85, Cl. 405-260.000.
- Oulton, David B., to Pylon Electronic Development Co., Ltd. Talk filtered power supply. 4,540,932, 9-10-85, Cl. 323-266.000.
- Oume Corporation: *See—*
  - Moon, Suhdok D., 4,529,325, Cl. 400-70.000.
- Oumi, Takeharu: *See—*
  - Suzuki, Akira; Oumi, Takeharu; Takamiya, Sanshiro; and Nakazawa, Hideo, 4,546,760, Cl. 128-1.00D.
- Oura, Kiyomori: *See—*
  - Kubo, Yoichiro; Kohtaki, Takaaki; and Oura, Kiyomori, 4,510,293, Cl. 525-338.000.
- Oury, Jean-Claude, to Societe anonyme dite: Prestinox S.A. Attachment for supplying a filler wire to an electric soldering iron of the pen type. 4,521,673, 6-4-85, Cl. 219-230.000.
- Oury, Robert F.; and Arndt, Charles J., to Rotec Industries, Inc. Load sensor. 4,531,630, 7-30-85, Cl. 198-505.000.
- Oushiden, Hideshi: *See—*
  - Nawata, Yoshiaki; and Oushiden, Hideshi, 4,561,758, Cl. 355-8.000.
- Ouss, Jean: *See—*
  - Favrel, Jean-Paul; Ouss, Jean; and Pocheau, Jean-Marc, 4,546.469, Cl. 370-77.000.
- Outboard Marine Corporation: *See—*
  - Baltz, Gene F.; Clark, Amos M.; Hartke, David J.; and Jourdan, Donovan K., 4,498,434, Cl. 123-187.50R.
  - Baltz, Gene F.; and Kingsley, Warren G., 4,542,726, Cl. 123-320.000.
  - Baltz, Gene F.; and Jourdan, Donovan K., 4,552,103, Cl. 123-186.000.
  - Billingsley, Henry C.; and Clark, Amos M., 4,499,887, Cl. 123-575.000.
  - Blanchard, Clarence E., 4,501,562, Cl. 440-61.000.
  - Blanchard, Clarence E., 4,504,237, Cl. 440-61.000.
  - Bland, Gerald F.; and Sullivan, Donald K., 4,518,363, Cl. 440-89.000.
  - Bland, Gerald F., 4,533,331, Cl. 440-88.000.
  - Borst, Gaylord M.; and Walsworth, Frank J., 4,552,101, Cl. 123-73.0AD.
  - Broughton, George L.; Higby, Jeffrey P.; and Young, Robert F., 4,525,149, Cl. 440-1.000.
  - Cavil, David T.; and Krueger, William R., 4,559,017, Cl. 440-76.000.
  - DuBois, Chester G., 4,551,076, Cl. 417-395.000.
  - DuBois, Chester G., 4,555,221, Cl. 417-349.000.
  - DuBois, Chester G., 4,557,224, Cl. 123-41.150.
  - Ehrlich, Josef, 4,550,696, Cl. 123-73.00D.
  - Ferguson, Arthur R., 4,545,770, Cl. 440-61.000.
  - Flaig, John D.; and Wenstadt, Thomas D., 4,528,953, Cl. 123-413.000.
  - Flaig, John D.; and Taipale, Dale L., 4,559,908, Cl. 123-41.280.
  - Guinn, Douglas B., 4,549,949, Cl. 204-197.000.
  - Hall, Charles B.; McBride, Edward D.; and Young, Robert F., 4,498,871, Cl. 440-61.000.
  - Hall, Charles B.; and Mondek, Martin J., 4,500,298, Cl. 440-62.000.
  - Hall, Charles B.; and Mondek, Martin J., 4,507,092, Cl. 440-89.000.
  - Hall, Charles B., 4,509,924, Cl. 440-51.000.
  - Hall, Charles B., 4,551,105, Cl. 440-61.000.
  - Hansen, Loren F.; and Hicks, John E., 4,502,271, Cl. 56-320.100.
  - Hansen, Loren F., 4,526,555, Cl. 464-149.000.
  - Hansen, Loren F., 4,550,783, Cl. 172-21.000.
  - Hicks, John E.; and Kubat, James J., 4,516,638, Cl. 172-22.000.
  - Hunt, Paul R.; and DuBois, Chester G., 4,506,649, Cl. 123-576.000.
  - Johnson, Wallace R.; and Beem, W. Wayne, 4,518,362, Cl. 440-6.000.
  - Kenik, Frank W., 4,538,445, Cl. 73-3.000.
  - Kueny, Don F., 4,524,942, Cl. 248-643.000.
  - Kueny, Don F., 4,532,895, Cl. 123-187.50R.
  - McAuliffe, Gerald N., 4,551,667, Cl. 320-46.000.
  - McAuliffe, Robert E., 4,520,353, Cl. 340-636.000.
  - Mohr, James W., 4,512,294, Cl. 123-73.00R.
  - Nerstrom, James S., 4,516,540, Cl. 123-65.0PE.
  - St. Ledger, Joseph B., 4,515,139, Cl. 123-599.000.
  - Seyerle, Carl E., 4,559,769, Cl. 56-295.000.
  - Walsworth, Frank J., 4,539,949, Cl. 123-73.0AD.
  - West, James C.; and Gesell, Elmer G., 4,550,762, Cl. 164-98.000.
  - Wick, Gerald H., 4,493,180, Cl. 56-11.300.
  - Woodard, Robert W., 4,557,227, Cl. 123-65.0PE.
- Outhwaite, George F., to Hughes Tool Company. Riser union with curved seat. 4,502,543, 3-5-85, Cl. 166-359.000.
- Outlaw, Benjamin T.; Oude Alink, Bernardus A.; Kelley, Joe A.; and Claywell, Carol S., to Petrolite Corporation. Corrosion inhibition in deep gas wells by phosphate esters of poly-oxyalkylated thiols. 4,511,480, 4-16-85, Cl. 252-8.55E.
- Outlaw, Benjamin T.: *See—*
  - Thompson, Neil E. S.; Redmore, Derek; Oude Alink, Bernardus A.; and Outlaw, Benjamin T., 4,539,404, Cl. 544-335.000.
- Outlaw, Ronald A.; and Baugh, Bill T., to United States of America, National Aeronautics and Space Administration. Precision manipulator heating and cooling apparatus for use in UHV systems with sample transfer capability. 4,516,435, 5-14-85, Cl. 73-863.110.
- Outokumpu Oy: *See—*
  - Andersson, Bengt T., 4,528,033, Cl. 75-73.000.
  - Blomquist, Seppo I.; Saarela, Markku T.; Pouru, Hannu J.; Nyman, Bror G.; Lindroos, Kaj-Henrik; Koivunen, Timo T.; and Fugleberg, Sigmund P., 4,526,650, Cl. 156-642.000.
  - Blomqvist, Seppo I.; Saarela, Markku T.; Huhtala, Martti E.; Niska, Raimo A.; and Vaittinen, Hannu A., 4,538,986, Cl. 432-236.000.
  - Heimala, Seppo O.; and Saari, Kaarlo M. J., 4,561,970, Cl. 209-3.000.
  - Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Iisakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, 4,491,952, Cl. 373-74.000.
  - Hultholm, Stig-Erik; Lilja, Launo L.; Makitalo, Valto J.; and Nyman, Bror G., 4,548,765, Cl. 261-93.000.
  - Jarvinen, Erkki J.; Taskinen, Pekka M.; Pullo, Jarmo J.; Kinnunen, Seppo T.; and Andersson, Arvo E., 4,540,290, Cl. 366-286.000.
  - Kuusikko, Matti J.; and Rantala, Olavi K., 4,501,526, Cl. 414-173.000.
  - Makipirtti, Simo A. I.; and Setala, Pekka T., 4,561,884, Cl. 75-21.000.
  - Mantymaki, Tarmo K., 4,530,311, Cl. 122-7.00R.
  - Niitti, Timo U.; and Niskala, Alvar M., 4,508,619, Cl. 209-169.000.
  - Sipila , Heikki; Kiuru, Erkki; and Vaijarvi, Seppo, 4,520,267, Cl. 250-358.100.
- Outtrup, Helle: *See—*
  - Nielsen, Grethe C.; Diers, Ivan V.; Outtrup, Helle; and Norman, Barrie E., 4,560,651, Cl. 435-95.000.
- Ouwerkerk, Johannes H. W.; Lucieer, Wouter B.; and Cramer, Rudolph E., to Hoogovens Groep B.V. Arrangement for mixing a gas into a main flow of a second gas. 4,521,117, 6-4-85, Cl. 366-165.000.
- Ouwerkerk, Johannes H. W., to Hoogovens Groep B.V. Process of hot-rolling steel using a heat-reflecting screen. 4,527,409, 7-9-85, Cl. 72-202.000.
- Ovaert, Francis: *See—*
  - Reneault, Patrick; and Ovaert, Francis, 4,551,958, Cl. 52-309.400.
- Oval Engineering Co., Ltd.: *See—*
  - Matsubara, Naoki; and Numata, Hideo, 4,511,819, Cl. 310-340.000.
  - Matsubara, Naoki, 4,526,040, Cl. 73-861.240.
- Ovanesian, Karine L.: *See—*
  - Petrosian, Ashot G.; Bagdasarov, Khachik S.; Kuzanian, Armen S.; Ovanesian, Karine L.; and Butaeva, Tatyana I., 4,525,460, Cl. 501-86.000.
  - Petrosian, Ashot G.; Kuzanian, Armen S.; Ovanesian, Karine L.; Butaeva, Tatyana I.; Shirinian, Grigory O.; and Avetisian, Ashot A., 4,543,342, Cl. 501-86.000.
- Ovanin, George J.: *See—*
  - Hall, William E.; Gailey, Edward D.; and Ovanin, George J., 4,550,922, Cl. 279-119.000.
- Ovard, John C. Self-locking mist eliminator. 4,508,552, 4-2-85, Cl. 55-440.000.
- Ovard, John C. Apparatus for removing droplets entrained in a gas stream. 4,530,707, 7-23-85, Cl. 55-440.000.
- Ovcharenko, Vladimir G.: *See—*
  - Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.
- Ovcharov, Vladimir K.: *See—*
  - Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A., 4,526,758, Cl. 422-122.000.
  - Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.
- Ovchinnikov, Evgeny K.: *See—*
  - Goganov, Dmitry A.; and Ovchinnikov, Evgeny K., 4,510,391, Cl. 250-374.000.
- Ovchinnikov, Igor E.: *See—*
  - Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav

P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.

Over, William R.; Wion, Donald A.; and Heffner, Richard M., to AMP Incorporated. Modular lead maker. 4,554,725, 11-26-85, Cl. 29-564.400.

Over, William R.: *See—*

Brown, Christopher K.; Kensinger, Lex D.; Over, William R.; and Wion, Donald A., 4,499,648, Cl. 29-564.200.

Overaker, Ronald F.: *See—*

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Overall, Colin D.; and Francis, Leslie H., to U.S. Philips Corporation. Cathode-ray tube. 4,522,309, 6-11-85, Cl. 220-2.10A.

Overbeck, James W., to XRL, Inc. Method and apparatus for positioning a focused beam on an integrated circuit. 4,532,402, 7-30-85, Cl. 219-121.0LU.

Overbeek, Wilhelmus R. M.: *See—*

Vandewalle, Maurits; Vanmaele, Luc J.; De Clercq, Pierre J.; Halkes, Sebastianus J.; and Overbeek, Wilhelmus R. M., 4,539,153, Cl. 260-397.200.

Overberg, Karl W.: *See—*

Garrett, William G.; and Overberg, Karl W., 4,499,673, Cl. 361-56.000.

Overbergh, Noel: *See—*

Moisson, Marc; Van Noten, Lodewijk; Overbergh, Noel; Franckx, Joris; and Buekers, Valere, 4,498,938, Cl. 156-49.000.

Overbergh, Noel M. M.; Doucet, Jos; and Vansant, Jan, to N.V. Raychem S.A. Dimensionally heat recoverable article. 4,521,470, 6-4-85, Cl. 428-36.000.

Overbo, Gordon I. Captive column. 4,539,785, 9-10-85, Cl. 52-309.100.

Overeem, Jan C.: *See—*

Albert, Alban I.; Ballenegger, Marc E.; Overeem, Jan C.; and Tyson, Robert G., 4,510,159, Cl. 514-456.000.

Overholser, Duane J.; and Prough, Craig M. Combined batters' and catcher's box marking frame. 4,510,692, 4-16-85, Cl. 33-174.00G.

Overholt, Mark. System for operation of a direct drive dual drum winch. 4,555,092, 11-26-85, Cl. 254-291.000.

Overkott, Franz, to Paul Ferd. Peddinghaus, Firma. Method of deep hardening of workpieces. 4,531,983, 7-30-85, Cl. 148-16.000.

Overlack, Claus: *See—*

Reppel, Werner; and Overlack, Claus, 4,500,378, Cl. 156-160.000.

Overland, Christian; and Gaarde, Knud-Werner. Hollow surgical disposable needle, preferably of the Redon type. 4,496,353, 1-29-85, Cl. 604-272.000.

Overland, Christian H.: *See—*

Bengmark, Stig; Broome, Albert; and Overland, Christian H., 4,533,356, Cl. 604-358.000.

Overland, John E.: *See—*

Fant, Karl M.; Fundakowski, Richard A.; Levitt, Tod S.; Overland, John E.; Suresh, Bindinganavle R.; and Ulrich, Franz W., 4,519,041, Cl. 364-552.000.

Overley, John R.: *See—*

Scaccia, Carlo; and Overley, John R., 4,499,029, Cl. 260-544.00A.

Overley, Ronald V.; Tedhams, Michael H.; and Atzbach, Carl L., to Whirlpool Corporation. Latch for self-cleaning oven door. 4,554,907, 11-26-85, Cl. 126-191.000.

Overman, David L.; and Konick, William L., to United States of America, Army. Coding switch assembly. 4,559,419, 12-17-85, Cl. 200-5.00R.

Overmeer, Robert: *See—*

Massengeil, Hans A.; Overmeer, Robert; Pietruska, Joachim; and Caufriez, Jean J., 4,540,166, Cl. 271-3.100.

Overmier, David K., to United States of America, Energy. Method of measuring material properties of rock in the wall of a borehole. 4,510,799, 4-16-85, Cl. 73-151.000.

Overmyer, Mark. Ski stress signaling device. 4,516,110, 5-7-85, Cl. 340-323.00R.

Overmyer, Stephen R., to Francesville Drain Tile Corporation. Corrugated tube coupling. 4,557,510, 12-10-85, Cl. 285-305.000.

Overs, Ronald R. Adapter for installation of marine instruments. 4,534,307, 8-13-85, Cl. 114-343.000.

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Benson, Lee, 4,561,743, Cl. 354-121.000.

Overton, David E.: *See—*

Liu, Ping Y.; and Overton, David E., 4,532,282, Cl. 524-157.000.

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Lentz, Carl M.; Overton, James R.; and Cornell, David D., 4,506,092, Cl. 560-103.000.

Lentz, Carl M.; Overton, James R.; and Cornell, David D., 4,507,493, Cl. 560-103.000.

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Overton, Raymond C.; and Cole, Charles F., to Conoco Inc. Tracking temperature controller apparatus. 4,538,672, 9-3-85, Cl. 165-27.000.

Ovren, Christer: *See—*

Adolfsson, Morgan; Brogardh, Torgny; Ovren, Christer; and Persson, Anders, 4,493,995, Cl. 250-227.000.

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Brogardh, Torgny; and Ovren, Christer, 4,529,875, Cl. 250-227.000.

Brogardh, Torgny; and Ovren, Christer, 4,539,473, Cl. 250-211.00R.

Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,560,868, Cl. 250-227.000.

Brogardh, Torgny; Hok, Bertil; and Ovren, Christer, 4,562,348, Cl. 250-231.00R.

Dubon, Chantal; Hok, Bertil; and Ovren, Christer, 4,537,467, Cl. 350-96.200.

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Owa, Yoshihito, to Seikosha Co., Ltd. Time signal clock. 4,522,506, 6-11-85, Cl. 368-75.000.

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Owaki, Isao; Saito, Susumu; Fujii, Yasuhiko; and Nakamura, Shinji, to Victor Company of Japan, Ltd. Tape speed control for producing a master tape carrying a digital signal. 4,527,207, 7-2-85, Cl. 360-73.000.

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Owaki, Isao: *See—*

Fujii, Yasuhiko; Owaki, Isao; Saito, Susumu; Mori, Takaro; and Nakamura, Shinji, 4,551,840, Cl. 371-38.000.

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Owen, Bruce R.; and Sarle, R. Charles, to Wallace Murray Corporation. Turbocharger exhaust gas by-pass valve. 4,492,519, 1-8-85, Cl. 415-145.000.

Owen, Charles V.: *See—*

Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., 4,532,703, Cl. 29-599.000.

Owen, Daniel V., to General Electric Company. Discrete starter for HID lamp. 4,527,098, 7-2-85, Cl. 315-290.000.

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Owen, Darrel M.: *See—*

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Owen, David A. A.: *See—*

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Owen, David P., to Marconi Instruments Limited. Frequency synthesizer having overtone crystal oscillator. 4,518,929, 5-21-85, Cl. 331-11.000.

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Owen, David P., to Marconi Instruments Limited. Phase locked loop frequency and phase modulators. 4,543,542, 9-24-85, Cl. 332-18.000.

- Owen, Derek G.: *See—*
  - Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.
- Owen, Donald W. Switching apparatus. 4,514,602, 4-30-85, Cl. 200-16.00C.
- Owen, Donald W. Transformer with series-parallel-series winding between split winding. 4,524,341, 6-18-85, Cl. 336-147.000.
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- Owen, Hartley: *See—*
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  - Haddad, James H.; Owen, Hartley; and Schatz, Klaus W., 4,502,947, Cl. 208-161.000.
  - Hsia, Chung H.; Owen, Hartley; and Wright, Bernard S., 4,506,106, Cl. 585-312.000.
  - Hsia, Chung-hweng; Owen, Hartley; and Wright, Bernard S., 4,504,691, Cl. 585-519.000.
  - Tabak, Samuel A.; Wright, Bernard S.; and Owen, Hartley, 4,504,693, Cl. 585-520.000.
  - Wright, Bernard S.; Owen, Hartley; and Hsia, Chung H., 4,497,968, Cl. 585-304.000.
  - Wright, Bernard S.; Hsia, Chung H.; and Owen, Hartley, 4,511,747, Cl. 585-415.000.
- Owen, James B.; and Wilkinson, Peter R., to British Aerospace Public Limited Company. Console assemblies for control stations. 4,529,150, 7-16-85, Cl. 244-1.00R.
- Owen, Jeffrey D.; and Brown, Harold M., to Zinetics Medical Technology Corporation. Antimony and graphite hydrogen ion electrode and method of making such electrode. 4,561,963, 12-31-85, Cl. 204-433.000.
- Owen, Kelly. Support device particularly useful for drafting templates and the like. 4,522,362, 6-11-85, Cl. 248-207.000.
- Owen, Michael J., to Dow Corning Corporation. Silicone glycol collectors in the beneficiation of fine coal by froth flotation. 4,526,680, 7-2-85, Cl. 209-166.000.
- Owen, Richard: *See—*
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- Owen, Thomas E.: *See—*
  - Shirley, Donald J.; and Owen, Thomas E., 4,525,645, Cl. 310-337.000.
- Owen, Timothy C.; and Witzigman, Charles J., to Westinghouse Electric Corp. Method of constructing a padmounted distribution transformer. 4,559,699, 12-24-85, Cl. 29-602.00R.
- Owen, Timothy C.: *See—*
  - Borgmeyer, Virgil L.; Galloway, Dudley L.; Sonnenberg, Gary N.; Gruczka, Jan S.; and Owen, Timothy C., 4,533,786, Cl. 174-50.000.
- Owen, Wickersham & Erickson: *See—*
  - Lindberg, John E., 4,516,553, Cl. 123-568.000.
- Owen, Wickersham & Erickson, P.C.: *See—*
  - Lindberg, John E., 4,541,367, Cl. 123-25.00M.
- Owen, William A.: *See—*
  - Hale, David R.; Owen, William A.; and Orndorff, James A., Jr., 4,512,684, Cl. 405-217.000.
- Owen, William R.; and Juhasz, Andras. Containers for waste products. 4,552,280, 11-12-85, Cl. 220-1.00T.
- Owens, Arthur H.: *See—*
  - McCay, Johnny A.; Owens, Arthur H.; and Pfaffman, Jeffrey S., 4,506,575, Cl. 83-368.000.
- Owens, Burgess. Drinking cup holder for automobiles. 4,511,072, 4-16-85, Cl. 224-273.000.
- Owens, Cassandra D.: *See—*
  - Banyasz, Joseph L.; Owens, Cassandra D.; Mooz, Elizabeth D.; Lilly, A. Clifton, Jr.; Martin, Peter; Merritt, Henry B.; and Semp, Bernard A., 4,497,330, Cl. 131-291.000.
- Owens-Corning Fiberglas Corporation: *See—*
  - Armstrong, Gordon P.; Flautt, Martin C.; and Williams, Gary L., 4,537,107, Cl. 83-694.000.
  - Armstrong, Gordon P.; and Flautt, Martin C., 4,537,610, Cl. 65-3.440.
  - Aubourg, Patrick F.; and Fabricant, Barbara L., 4,521,523, Cl. 501-30.000.
  - Bhatti, Mohinder S., 4,511,383, Cl. 65-6.000.
  - Bhatti, Mohinder S., 4,515,610, Cl. 65-2.000.
  - Bhatti, Mohinder S., 4,515,611, Cl. 65-2.000.
  - Bhatti, Mohinder S.; Porzio, Thomas J.; and Nagy, Monte L., 4,516,995, Cl. 65-1.000.
  - Bhatti, Mohinder S., 4,518,408, Cl. 65-6.000.
  - Bhatti, Mohinder S., 4,561,870, Cl. 65-1.000.
  - Bilen, Roger J., 4,544,393, Cl. 65-6.000.
  - Brady, Thomas R.; and Benner, Lester C., 4,523,543, Cl. 118-697.000.
  - Braziel, Jeffrey B., 4,498,221, Cl. 29-283.500.
  - Calvert, Scott A.; Gelin, Robert J.; and Aberegg, Dale, 4,541,130, Cl. 4-593.000.
  - Canning, John L.; and Kay, John F., 4,551,390, Cl. 428-431.000.
  - Carter, Neil A.; and Mott, Richard A., 4,490,955, Cl. 52-30.140.
  - Chang, Robert C.; and McCoy, Dale E., 4,504,619, Cl. 524-524.000.
  - Crosby, E. Eugene, 4,545,796, Cl. 65-15.000.
  - Desai, Avinash J.; and Kreikebaum, Gerhard, 4,511,791, Cl. 219-497.000.
  - Dunbar, Sidney G., 4,547,421, Cl. 428-285.000.
  - Dunn, Charles S., 4,491,951, Cl. 373-30.000.
  - Dunn, Charles S., 4,514,851, Cl. 373-27.000.
  - Dunn, Charles S.; Propster, Mark A.; and Hohman, Charles M., 4,528,013, Cl. 65-136.000.
  - Evans, Michael E.; and Oberg, Bradley W., 4,522,004, Cl. 52-409.000.
  - Evans, Michael E., 4,525,970, Cl. 52-454.000.
  - Ferguson, Larry W., and McFarland, Roger A., 4,517,323, Cl. 523-514.000.
  - Frailey, Richard C.; and Symborski, Alex P., 4,551,160, Cl. 65-2.000.
  - Gano, Barclay P.; and Rucker, James L., 4,542,044, Cl. 427-215.000.
  - Gleason, James R.; Shaffer, Roy E.; and Awabdy, Issac A., 4,559,377, Cl. 524-44.000.
  - Green, William A.; Godfrey, Joe E.; and Pietsch, David S., 4,493,464, Cl. 242-170.000.
  - Greene, Neil E.; and Hanna, Terry J., 4,553,994, Cl. 65-2.000.
  - Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,547,225, Cl. 106-273.00N.
  - Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,551,178, Cl. 106-273.00N.
  - Grossi, Anthony V.; Hahn, Louis T.; and Marzocchi, Alfred, 4,554,022, Cl. 106-273.00N.
  - Hager, Thomas P.; and Ferguson, Larry W., 4,539,021, Cl. 55-97.000.
  - Harris, Ronald R.; and Saunders, Herbert M., 4,491,498, Cl. 156-497.000.
  - Haynes, Eugene M., 4,493,367, Cl. 165-72.000.
  - Helser, Jerry L., 4,523,955, Cl. 106-120.000.
  - Herschler, Max G., 4,534,779, Cl. 65-6.000.
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  - Janicki, Richard T., 4,554,023, Cl. 106-273.00N.
  - Johnson, Carl A., 4,530,860, Cl. 427-386.000.
  - Kaveh, Farrokh, 4,497,644, Cl. 65-14.000.
  - Kelman, Josh, 4,525,960, Cl. 52-169.140.
  - Kissell, Ronald E., 4,490,927, Cl. 34-155.000.
  - Legg, Wesley E.; Ault, Russell L.; Mott, Richard A.; and Leewood, Alan R., 4,553,364, Cl. 52-309.130.
  - Lin, David C. K., 4,496,384, Cl. 65-4.400.
  - Lin, David C. K., 4,496,385, Cl. 65-9.000.
  - Lo, Shao-Kuei; and Crothers, Steven D., 4,528,790, Cl. 52-407.000.
  - Lower, Loren D.; Marzocchi, Alfred; Ponn, Frederick H., III; and Roberts, Michael G., 4,507,365, Cl. 428-489.000.
  - Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased, 4,510,048, Cl. 209-3.000.
  - Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased, 4,510,049, Cl. 209-3.000.
  - Miller, David M., 4,530,166, Cl. 34-39.000.
  - Miller, Gary M., 4,556,176, Cl. 242-38.000.
  - Muncaster, John W.; Roberts, Michael G.; Rowlett, R. David; Hoitink, Todd B.; Uffner, William E.; and White, Robert N., 4,508,770, Cl. 428-63.000.
  - Naul, George M., 4,500,583, Cl. 428-116.000.
  - Olinger, John L.; and Srinivasan, Seshadri, 4,526,597, Cl. 65-1.000.
  - Perkins, Richard A.; Brady, William C.; and Glaser, Hellmut I., 4,518,406, Cl. 65-1.000.
  - Perkins, Richard A.; Brady, William C.; and Turner, Paul W., 4,536,202, Cl. 65-1.000.
  - Perry, Brian D.; and Mathews, Paul K., 4,502,409, Cl. 118-410.000.
  - Pollet, Jean-Claude; Flautt, Martin C.; and Armstrong, Gordon P., 4,539,364, Cl. 524-488.000.
  - Potter, Russell M., 4,510,252, Cl. 501-35.000.
  - Pugnale, Peter J.; Clark, John M.; and Penland, William R., 4,561,292, Cl. 73-49.200.
  - Rapp, Charles F.; Fausey, William H.; and Gonterman, J. Ronald, 4,560,606, Cl. 428-141.000.
  - Rauschert, William C.; and Oswald, Leo A., 4,512,530, Cl. 242-67.30R.
  - Rinehart, James W.; Gilleland, Frank W.; and Engen, Byron W., 4,535,756, Cl. 126-450.000.
  - Ritter, George W., II; and Adzima, Leonard J., 4,492,722, Cl. 427-226.000.
  - Ritter, George W., II, 4,512,913, Cl. 252-313.100.
  - Ritter, George W., II, 4,545,924, Cl. 252-315.700.
  - Roehrig, Frederick K., 4,507,156, Cl. 148-11.50P.
  - Schneider, William A., 4,552,281, Cl. 220-5.00A.
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  - Sieloff, Ronald F.; and Kays, William A., 4,555,447, Cl. 428-392.000.
  - Spencer, Robert E.; and Clarke, Donald L., 4,497,771, Cl. 420-440.000.
  - Stahl, Steven B.; Bakhshi, Shiv K.; and Naul, George M., 4,508,673, Cl. 264-120.000.
  - Stotler, David V.; and Coffey, Fred S., 4,515,613, Cl. 65-4.400.
  - Streicher, William L.; and Propster, Mark A., 4,549,896, Cl. 65-135.000.
  - Sullivan, Timothy A.; Morgan, Gregory L.; and Warner, Arthur S., 4,541,853, Cl. 65-12.000.
  - Tobias, Russell H.; and Hutchings, David A., 4,556,860, Cl. 338-22.0SD.
  - Turner, Larry S., 4,499,702, Cl. 52-555.000.

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Uffner, William E.; White, Robert N.; and Harrington, Edward R., 4,537,921, Cl. 524-59.000.
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Owens-Corning Fiberglass Corporation: *See*—
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Sheinkop, Isac M., 4,544,392, Cl. 65-1.000.

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Owens, Fred L. Trammel point attachment to steel tape rule. 4,547,973, 10-22-85, Cl. 33-27.00C.

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Allen, Frederick C., 4,544,194, Cl. 294-87.200.
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Burzynski, Alfred J.; and Tillman, James J., 4,551,361, Cl. 427-164.000.
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Jabarin, Saleh A., 4,522,779, Cl. 264-530.000.
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Martin, Merritt W., 4,523,904, Cl. 425-539.000.
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Swartzbaugh, Peter T.; and Hehl, Edward M., 4,527,706, Cl. 215-252.000.
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Uhlig, Albert P., 4,533,058, Cl. 215-216.000.
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Goodwin, Anton E.; Marton, Janet L.; Owens, Robert M.; Whisenhunt, Jackie W.; and Swain, Roy D., 4,528,162, Cl. 422-101.000.

Owens, Troy R., to Charles Greiner and Company, Inc. Stabilizer for cervical collar. 4,502,471, 3-5-85, Cl. 128-75.000.

Owens, Walter K., to Mfg. Design, Inc. Newspaper vending machine. 4,496,074, 1-29-85, Cl. 221-39.000.

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  - Long, David J.; and Oxenrider, Bryce C., 4,524,215, Cl. 560-052.000.
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  - Ordidge, Roger J.; and Gordon, Robert E., 4,531,094, Cl. 324-309.000.
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  - Foller, Peter C., 4,541,989, Cl. 422-186.070.
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  - Sohlstrom, Lasse, 4,561,209, Cl. 49-246.000.
- Oy Finn-Aqua Ltd.: *See—*
  - Huhta-Koivisto, Esko, 4,536,258, Cl. 202-180.000.
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  - Lunden, Risto; and Ebeling, Olavi, 4,492,491, Cl. 405-119.000.
- Oy Lars Ludin Patent AB: *See—*
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  - Pukkila, Olli J., 4,540,338, Cl. 415-219.00C.
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  - Niemi, Pertti K., 4,552,333, Cl. 251-149.900.
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  - Miettunen, Aulis O., 4,546,132, Cl. 524-8.000.
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  - Issakainen, Onni, 4,514,111, Cl. 405-260.000.
  - Karna, Anssi; and Liimatainen, Heikki, 4,541,571, Cl. 241-28.000.
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  - Salminen, Kari; and Soderholm, Nils, 4,496,429, Cl. 162-358.000.
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  - Hietanen, Esko; and Airaksinen, Pentti, 4,503,721, Cl. 74-44.000.
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  - Collins, Geoff; and Juurmaa, Kimmo, 4,546,719, Cl. 114-40.000.
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- Oya, Masayuki: *See—*
  - Iso, Tadashi; and Oya, Masayuki, 4,517,123, Cl. 260-239.30R.
  - Iwao, Jun-ichi; Oya, Masayuki; and Iso, Tadashi, 4,496,578, Cl. 514-423.000.
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  - Mita, Itaru; Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,552,765, Cl. 514-513.000.
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  - Nishino, Atsushi; Ikeda, Masaki; Kimura, Kunio; and Oyabu, Hajime, 4,493,900, Cl. 501-26.000.
- Oyafuso, Harry H., to Ford Motor Company. Shock absorbing motor gear. 4,541,296, 9-17-85, Cl. 74-425.000.
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  - Fukumoto, Ryutaro; Oyagi, Shuji; Yoshida, Yukio; and Akimoto, Ryosaku, 4,540,040, Cl. 165-12.000.
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  - Miyakoshi, Shinichi; and Oyama, Kazuo, 4,519,471, Cl. 180-219.000.
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  - Mita, Kikuo; Oyama, Masayuki; Yoshida, Takashi; Nakashima, Masato; Fujihara, Katsumi; and Nakakuki, Tadao, 4,547,895, Cl. 382-8.000.
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  - Watanabe, Noboru; Oyama, Motofumi; and Kubo, Yoichiro, 4,559,390, Cl. 525-349.000.
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  - Shimomura, Takeshi; Yamaguchi, Shuichiro; Ushizawa, Norihiko; and Oyama, Noboru, 4,507,194, Cl. 204-435.000.
- Oyama, Shigeo T.: *See—*
  - Boudart, Michel; Oyama, Shigeo T.; and Volpe, Leo, 4,515,763, Cl. 423-409.000.
- Oyama, Terrell A., to Apple Computer, Inc. Heat dissipating lead connector for semiconductor packages. 4,494,814, 1-22-85, Cl. 339-112.00R.
- Oyama, Toshimasa: *See—*
  - Sherby, Oleg D.; and Oyama, Toshimasa, 4,533,390, Cl. 75-126.00Q.
- Oyama, Yasuyoshi: *See—*
  - Okano, Yoshio; Okuma, Yasuo; Aizawa, Kuniomi; Oyama, Yasuyoshi; and Kitamura, Yoichiro, 4,525,712, Cl. 340-825.310.
- Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, to Hitachi, Ltd. Air flow rate measuring apparatus. 4,517,837, 5-21-85, Cl. 73-202.000.
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  - Kuroiwa, Hiroshi; Kirisawa, Tadashi; Yamauchi, Teruo; and Oyama, Yoshishige, 4,552,116, Cl. 123-489.000.
  - Nishimura, Yutaka; Kuroiwa, Hiroshi; Oyama, Yoshishige; and Teranishi, Takao, 4,558,678, Cl. 123-494.000.
  - Osuga, Minoru; and Oyama, Yoshishige, 4,534,330, Cl. 123-440.000.
  - Sato, Kanemasa; Ueno, Sadayasu; Oyama, Yoshishige; and Nishimura, Yutaka, 4,527,423, Cl. 73-118.000.
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  - Iwata, Kazuhide; Shibayama, Shigeki; Hidai, Yutaka; and Oyanagi, Shigeru, 4,514,826, Cl. 364-900.000.
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  - Hefer, Fred W., 4,525,819, Cl. 367-188.000.
- Oyobe, Kazuo; Nomura, Etsuji; Matsui, Kazuma; Fukutani, Masanori; Ito, Kazuyuki; Miwa, Naoto; and Ito, Keiji, to Nippondenso Co., Ltd. Fitter apparatus for purifying exhaust gases. 4,519,820, 5-28-85, Cl. 55-284.000.

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  - Ferguson, Robert W., 4,541,445, Cl. 135-106.000.
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- Ozaki, Fumikazu: *See—*
  - Kuriyama, Yasuhisa; Kajiwara, Syoichiro; and Ozaki, Fumikazu, 4,561,982, Cl. 210-698.000.
- Ozaki, Hideyuki: *See—*
  - Shimotori, Kazuhiro; and Ozaki, Hideyuki, 4,551,741, Cl. 357-23.600.
- Ozaki, Hironori: *See—*
  - Imai, Hiroshi; Takeuchi, Keiji; Azuma, Kenichi; and Ozaki, Hironori, 4,529,052, Cl. 180-6.480.
- Ozaki, Keiichiro: *See—*
  - Sumida, Atsushi; Ozaki, Keiichiro; and Watanabe, Shizuo, 4,517,169, Cl. 423-447.400.
- Ozaki, Kiyoharu: *See—*
  - Kikegawa, Shinko; Arai, Takao; Yamamoto, Norio; and Ozaki, Kiyoharu, 4,560,414, Cl. 106-281.00R.
- Ozaki, Kiyomi; and Tunoda, Kikuo, to Ryobi Ltd. Fishing line engaging and releasing mechanism in a closed-face type reel. 4,509,704, 4-9-85, Cl. 242-84.20A.
- Ozaki, Kiyomi; and Tsunoda, Kikuo, to Ryobi Ltd. Fishing reel. 4,524,921, 6-25-85, Cl. 242-84.10J.
- Ozaki, Kiyomi: *See—*
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- Ozaki, Masaru: *See—*
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  - Ona, Isao; Ozaki, Masaru; and Usui, Katsutoshi, 4,557,887, Cl. 264-216.000.
- Ozaki, Osamu, to Sanyei Corporation. Rotary direction regulator for synchronous electric motor. 4,527,671, 7-9-85, Cl. 188-82.740.
- Ozaki, Satoru, to Doryokuro Kakunenryo Kaihatsu Jigyodan. Tagging gas releasing element. 4,495,141, 1-22-85, Cl. 376-251.000.
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  - Kaneko, Takeru; Ozaki, Satoru; Takizawa, Kimie; and Sugimoto, Hachiro, 4,543,254, Cl. 514-253.000.
- Ozaki, Shoichiro; Hoshiko, Tomonori; and Ogasawara, Tomio, to Ozaki, Shoichiro. 1-(N-Substituted carbamoyl)-5-fluorouracil derivatives and the carcinostatic agents containing same as active ingredients. 4,497,815, 2-5-85, Cl. 517-274.000.
- Ozaki, Shunzaburo: *See—*
  - Fujimura, Akira; and Ozaki, Shunzaburo, 4,495,922, Cl. 123-440.000.
- Ozaki, Syunzaburo: *See—*
  - Hibino, Yoshitaka; and Ozaki, Syunzaburo, 4,532,900, Cl. 123-327.000.
  - Yatabe, Fumio; and Ozaki, Syunzaburo, 4,510,901, Cl. 123-325.000.
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- Ozaki, Tadashi: *See—*
  - Ootsuka, Yoshinori; Hattori, Tadashi; Yamamoto, Minoru; and Ozaki, Tadashi, 4,537,065, Cl. 73-117.300.
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  - Yano, Yasuhiro; Umino, Isamu; Ohsawa, Zenichi; and Ozaki, Takayuki, 4,538,121, Cl. 331-25.000.
- Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, to Hitachi, Ltd. Solid-state imaging device with high quasi-signal sweep-out efficiency and high signal charge transfer efficiency. 4,532,549, 7-30-85, Cl. 358-213.000.
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  - Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.
- Ozaki, Tsukasa: *See—*
  - Moriyama, Yukinori; and Ozaki, Tsukasa, 4,523,449, Cl. 72-421.000.
- Ozaki, Yoshiharu; Kaneko, Kimiyoshi; and Mitachi, Senshu, to Hokko Chemical Industry Co., Ltd. Process for the production of a rare earth metal alkoxide. 4,507,245, 3-26-85, Cl. 260-429.200.
- Ozanne, Michel: *See—*
  - Marcadet, Luc; and Ozanne, Michel, 4,545,560, Cl. 251-58.000.
- Ozari, Yehuda: *See—*
  - Gajria, Chandrasen; and Ozari, Yehuda, 4,539,348, Cl. 523-409.000.
  - Gajria, Chandrasen; and Ozari, Yehuda, 4,546,014, Cl. 427-239.000.
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- Ozawa, Akira: *See—*
  - Yoshihara, Hideo; Ozawa, Akira; Sekimoto, Misao; and Ono, Toshiro, 4,515,876, Cl. 430-5.000.
- Ozawa, Chiaki, to Bridgestone Tire Company Limited. Tire building apparatus. 4,521,269, 6-4-85, Cl. 156-420.000.
- Ozawa, Hidekiyo; Itoh, Mikio; and Yoshida, Akira, to Fujitsu Limited. Scan-out system. 4,491,935, 1-1-85, Cl. 364-900.000.
- Ozawa, Hiroaki: *See—*
  - Ohno, Akira; Koyama, Hiroshi; Inoue, Kanji; and Ozawa, Hiroaki, 4,533,402, Cl. 148-12.400.
- Ozawa, Hitoshi: *See—*
  - Hosoi, Kazuo; and Ozawa, Hitoshi, 4,541,952, Cl. 260-112.00R.
  - Tsuchiya, Yasuhiro; and Ozawa, Hitoshi, 4,515,112, Cl. 123-41.840.
- Ozawa, Isao; Aono, Yukio; and Ueno, Masato, to Toyoda Gosei Co., Ltd. Elastically damping device for the suspension of an engine. 4,492,366, 1-8-85, Cl. 267-140.100.
- Ozawa, Jun; Shindo, Katuji; and Shirakawa, Shingo, to Hitachi, Ltd. Lightning arrester. 4,502,089, 2-26-85, Cl. 361-127.000.
- Ozawa, Jun: *See—*
  - Yamagiwa, Tokio; Ishikawa, Toshio; Ozawa, Jun; Endo, Kaoru; and Hosokawa, Masao, 4,549,132, Cl. 324-54.000.
- Ozawa, Junichiro: *See—*
  - Nakahori, Ichiro; Nakayama, Shigeki; Maeda, Mitsuo; Yamauchi, Shiro; and Ozawa, Junichiro, 4,517,849, Cl. 73-863.310.
- Ozawa, Kaoru: *See—*
  - Kasubuchi, Takeshi; Hara, Takeo; and Ozawa, Kaoru, 4,536,804, Cl. 360-4.000.
- Ozawa, Kazuo; and Sawa, Tetsuo, to Sony Corporation. Magnetic disc device. 4,544,977, 10-1-85, Cl. 360-133.000.
- Ozawa, Kazuo: *See—*
  - Asami, Shojiro; Ozawa, Kazuo; and Sawa, Tetsuo, 4,510,546, Cl. 360-133.000.
  - Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, 4,503,271, Cl. 568-799.000.
  - Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, 4,517,349, Cl. 526-313.000.
  - Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, 4,529,552, Cl. 556-40.000.
- Ozawa, Kazuya: *See—*
  - Nakazato, Kunio; and Ozawa, Kazuya, 4,533,218, Cl. 350-430.000.
- Ozawa, Keiji: *See—*
  - Kinjo, Hisao; and Ozawa, Keiji, 4,491,941, Cl. 369-126.000.
- Ozawa, Kiyomi; and Ishii, Shigeru, to Nissan Chemical Industries Ltd. Phenoxypicolinic aldehydes. 4,499,275, 2-12-85, Cl. 546-298.000.
- Ozawa, Kiyomi; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, to Nissan Chemical Industries Ltd. Fluorine substituted pyridine methyl esters and insecticidal and acaricidal compositions thereof. 4,504,483, 3-12-85, Cl. 514-351.000.
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- Ozawa, Kuniichi: *See—*
  - Nakase, Hiromi; Gotoh, Yasuhiro; and Ozawa, Kuniichi, 4,525,657, Cl. 318-254.000.
- Ozawa, Kunitaka: *See—*
  - Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, 4,521,805, Cl. 358-75.000.
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  - Koumura, Noboru; Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; and Ozawa, Kunitaka, 4,500,918, Cl. 358-75.000.
  - Koumura, Noboru; Mitzusawa, Nobutoshi; and Ozawa, Kunitaka, 4,528,576, Cl. 346-140.00R.
  - Saito, Seiji; Ayata, Naoki; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,538,182, Cl. 358-280.000.
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- Ozawa, Lyuji, to Matsushita Electric Industrial Co., Ltd. Insulating crystals for coating on a metal mesh of a storage tube. 4,556,818, 12-3-85, Cl. 313-395.000.
- Ozawa, Masakazu: *See—*
  - Watanabe, Takashi; Ozawa, Masakazu; Koizumi, Yutaka; and Matsumoto, Haruyuki, 4,539,569, Cl. 346-140.00R.
- Ozawa, Masuo, to Nissan Motor Company, Limited. Cold-start boosting device of automotive engine. 4,497,305, 2-5-85, Cl. 123-556.000.
- Ozawa, Masuo; and Hirota, Toshio, to Nissan Motor Company, Limited. Starter for an alcohol engine. 4,520,764, 6-4-85, Cl. 123-3.000.
- Ozawa, Mikio: *See—*
  - Miyamori, Hideaki; Takagi, Kenji; Sato, Shigeru; Takahashi, Fujio; and Ozawa, Mikio, 4,511,784, Cl. 219-123.000.
  - Mori, Kenzo; and Ozawa, Mikio, 4,507,663, Cl. 343-440.000.
- Ozawa, Minoru: *See—*
  - Suzuki, Toshinori; and Ozawa, Minoru, 4,520,406, Cl. 360-14.200.
- Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, to Hitachi, Ltd. Solid-state imaging device including noise subtraction with polarity control. 4,543,610, 9-24-85, Cl. 358-213.000.
- Ozawa, Naoki: *See—*
  - Nishizawa, Shigeki; Nagahara, Shusaku; and Ozawa, Naoki, 4,516,154, Cl. 358-44.000.
  - Takahashi, Kenji; Nagahara, Shusaku; Ozawa, Naoki; Kudo, Koji; and Hirano, Chikafusa, 4,527,200, Cl. 358-213.000.
- Ozawa, Naomitsu: *See—*
  - Nishikiori, Kenji; and Ozawa, Naomitsu, 4,545,740, Cl. 417-317.000.
- Ozawa, Shuji: *See—*
  - Ishikawa, Katsutoshi; Shimotori, Hitoshi; Iida, Noboru; Akihiro, Kazuo; and Ozawa, Shuji, 4,540,698, Cl. 514-270.000.
- Ozawa, Takashi, to Fuji Xerox Co., Ltd. Signal processing unit for original reading device. 4,495,523, 1-22-85, Cl. 358-293.000.
- Ozawa, Takashi, to Fuji Xerox Co., Ltd. Original reading device. 4,500,927, 2-19-85, Cl. 358-293.000.

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- Ozawa, Takashi, to Fuji Xerox Co., Ltd. Reading, printing and copying device. 4,545,672, 10-8-85, Cl. 355-3.00R.
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- Ozawa, Takashi: *See—*
  - Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, 4,560,866, Cl. 250-216.000.
- Ozawa, Tetsuo: *See—*
  - Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,507,221, Cl. 252-299.100.
  - Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,528,113, Cl. 252-299.100.
  - Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
- Ozawa, Toru; and Kinoshita, Hiroshi, to Hitachi, Ltd. Drum type laundry dryer. 4,557,058, 12-10-85, Cl. 34-82.000.
- Ozawa, Toshiaki: *See—*
  - Kondo, Hiroatsu; Ozawa, Toshiaki; and Yamada, Yasuaki, 4,494,886, Cl. 400-208.000.
  - Ueda, Hiroyuki; Yamada, Yasuaki; Ozawa, Toshiaki; Nakajima, Hiroharu; and Kondo, Hiroatsu, 4,558,965, Cl. 400-144.200.
  - Yamada, Yasuaki; Ozawa, Toshiaki; and Kondo, Hiroatsu, 4,511,830, Cl. 318-318.000.
- Ozawa, Yoshio: *See—*
  - Kawada, Tetsuo; and Ozawa, Yoshio, 4,492,457, Cl. 355-38.000.
- Ozeki, Eiji: *See—*
  - Ito, Toshiharu; Ozeki, Eiji; and Okada, Kozo, 4,556,814, Cl. 310-334.000.
- Ozeki, Fumitaka: *See—*
  - Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.
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- Ozeki, Isamu. Hanger attachment. 4,524,892, 6-25-85, Cl. 224-256.000.
- Ozeki, Jiro, to Slidex Corporation. Film jacket. 4,533,048, 8-6-85, Cl. 206-455.000.
- Ozeki, Jiro, to Slidex Corporation. Slide file sheet. 4,533,049, 8-6-85, Cl. 206-455.000.
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  - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,491,918, Cl. 364-424.000.
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- Ozeki, Sadao: *See—*
  - Nagamoto, Yoshihito; and Ozeki, Sadao, 4,509,790, Cl. 296-204.000.
- Ozeki, Tadao: *See—*
  - Koshikawa, Takao; Ueda, Tsunehiro; and Ozeki, Tadao, 4,522,251, Cl. 164-491.000.
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  - Donuma, Kenichi; Ohashi, Makoto; and Ozeki, Takeshi, 4,539,476, Cl. 250-227.000.
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  - Koike, Eishi, 4,524,437, Cl. 369-67.000.
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  - Whittenburg, Stephen L.; McCormick, David D.; Tweed, William J.; Ozgunay, A. Aykut; and Williams, James T., 4,509,412, Cl. 99-331.000.
- Ozil, Maurice; and Finger, Ulrich. Device for indicating the position of printed circuit cards relative to their connectors. 4,507,697, 3-26-85, Cl. 361-1.000.
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- Ozols, Karlis V. Force responsive device. 4,528,851, 7-16-85, Cl. 73-516.0LM.
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  - Yamamoto, Toshiro; Kobayashi, Ryohei; Kurimoto, Mamoru; and Ozone, Toshio, 4,544,406, Cl. 75-123.00N.
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  - Nakano, Hideaki; Ozu, Tadahiro; and Shirai, Eiichi, 4,517,930, Cl 123-41.310.
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  - Yamaguchi, Toyohiko; Kashima, Koichi; Ozutsumi, Minoru; and Morinaga, Masaru, 4,504,651, Cl. 528-360.000.
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  - Korth, Jurgen, 4,526,424, Cl. 297-473.000.
  - Korth, Jurgen, 4,550,750, Cl. 137-868.000.
  - Wahlmann, Ernst; and Klausing, Karl-Heinz, 4,518,201, Cl. 297-316.000.
- P.A.S.T. Corporation: *See—*
  - Maier, Bruce R.; and Flannery, Lincoln R., 4,493,115, Cl. 2-2.000.
- P and C Engineering and Development: *See—*
  - Collins, Michael T., 4,502,698, Cl. 277-43.000.
- P.C.H. Constructions Pty. Ltd.: *See—*
  - Willoughby, John C., 4,512,119, Cl. 52-58.000.
- P. D. George Co., The: *See—*
  - Biorcio, Luciano; and Mensi, Carlo, 4,526,912, Cl. 523-456.000.
- P D Manufacturing, Inc.: *See—*
  - Stawski, Karl-Heinz; and Jensen, Philip W., 4,516,561, Cl. 126-25.00B.
- P. F. Cosmetique: *See—*
  - Kaeser, Charles, 4,550,718, Cl. 128-57.000.
- P. H. Insulation Materials Limited: *See—*
  - Lupton, Donald B., 4,507,347, Cl. 428-166.000.
- P I E International Inc.: *See—*
  - Trikilis, Theodore N., 4,538,833, Cl. 281-2.000.
- P.I.V. Antrieb Werner Reimers GmbH & Co. KG: *See—*
  - Rattunde, Manfred, 4,500,305, Cl. 474-201.000.
- P.J. Industrial Safety Elec. Co. Ltd.: *See—*
  - Jansen, Friedrich W., 4,511,786, Cl. 219-364.000.
- P.L.G. Research Limited: *See—*
  - Mercer, Frank B., 4,530,622, Cl. 405-258.000.
  - Mercer, Frank B., 4,536,429, Cl. 428-136.000.
- P. L. Porter Co.: *See—*
  - Porter, Clyde R., 4,515,034, Cl. 74-501.00R.
- P.M.B. Patent Machinebouw B.V.: *See—*
  - Boogers, Wilhelmus P. L., 4,495,955, Cl. 131-105.000.
- P.M. Filter Konstruktionen: *See—*
  - Moldow, Preben G., 4,560,477, Cl. 210-457.000.
- P.P.I. Performance Process International: *See—*
  - Lebel, Jean-Claude, 4,529,863, Cl. 219-137.420.
- P.P.M.D.: *See—*
  - Rivkin, Bernard W.; and Monfort, Michael R., 4,533,288, Cl. 411-176.000.
- P. Robert et & Cie [Societe Anomyme]: *See—*
  - Joulain, Daniel R., 4,541,948, Cl. 252-522.00R.
- P.S. Paging System, A.B.: *See—*
  - Hamlin, Inge; and Beudat, Andre, 4,507,646, Cl. 340-310.00R.
- P.S.R., Incorporated: *See—*
  - Cusumano, Salvatore V.; and Glassman, Aaron, 4,554,877, Cl. 112-105.000.
- P.V. Tool, Inc: *See—*
  - Vindez, Pierre G., 4,538,942, Cl. 408-14.000.
- Pa Ang, Peter G.: *See—*
  - Sammells, Anthony F.; and Pa Ang, Peter G., 4,545,872, Cl. 204-72.000.
- PA Consulting Services Limited: *See—*
  - Plummer, Dexter R., 4,528,760, Cl. 33-366.000.
- PA Incorporated: *See—*
  - Kahil, John E.; Jaynes, Mark S.; and Bradfield, James E., 4,492,115, Cl. 73-151.000.
  - Stanley, Roderic K.; Milewits, Marvin; Knauer, Robert C., Jr.; and Bradfield, James E., 4,555,665, Cl. 324-229.000.
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- Paap, Hans J., to Texaco Inc. Acoustic method and apparatus for measuring thickness of a coating layer on a substrate. 4,539,847, 9-10-85, Cl. 73-579.000.
- Paap, Hans J.: *See—*
  - Richter, Albert P., Jr.; Campsey, Ronald L.; Paap, Hans J.; and Bussian, Alfred E., 4,514,627, Cl. 250-255.000.
- Paar, Michael S.; and McCarthy, Christopher I., to General Motors Corporation. Integral rocker arm hydraulic lifter and bearing assembly. 4,497,307, 2-5-85, Cl. 123-90.330.
- Paar, Michael S., to General Motors Corporation. Lash adjuster with follower body retainer. 4,502,428, 3-5-85, Cl. 123-90.460.

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- Paarmann, James. Alignment tool for piece work. 4,535,979, 8-20-85, Cl. 269-45.000.
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- Paau, Alan: *See—*
  - Yang, Ning-Sun; and Paau, Alan, 4,531,324, Cl. 47-81.000.
- Paberza, Monika Y.: *See—*
  - Grinberg, Grigory M.; Akifiev, Oleg N.; Pytel, Jury A.; Gilev, Anatoly P.; and Paberza, Monika Y., 4,500,516, Cl. 424-156.000.
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- Pabst, Mark W.; and Handy, Richard L., to Iowa State University Research Foundation, Inc. Soil effective stress sensor and method of using same. 4,524,626, 6-25-85, Cl. 73-784.000.
- Pacala, Thomas J.: *See—*
  - McDermid, Iain S.; and Pacala, Thomas J., 4,559,500, Cl. 330-4.300.
- Pacanowski, Ronald F.: *See—*
  - Kuchar, Paul J.; Sampson, Robert W.; and Pacanowski, Ronald F., 4,505,147, Cl. 73-29.000.
- Pacault, Adolphe: *See—*
  - Baron, Francis; Flandrois, Serge; and Pacault, Adolphe, 4,530,888, Cl. 429-206.000.
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  - Burdon, Kenneth A., Jr., 4,491,208, Cl. 192-4.00R.
  - Saunders, James W., 4,519,467, Cl. 180-68.400.
  - Stephens, Donald L., 4,530,524, Cl. 285-187.000.
  - Strong, John R., 4,504,079, Cl. 280-683.000.
  - Strong, John R., 4,535,977, Cl. 267-64.150.
  - Trexler, Ray W., Jr., 4,507,706, Cl. 361-331.000.
- Pace, Aldren M.: *See—*
  - Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.
  - Foerster, Charles E., Jr.; Miller, Robert E.; and Pace, Aldren M., 4,501,972, Cl. 250-577.000.
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  - O'Sullivan, William T.; and Pace, Earl C., 4,543,891, Cl. 110-185.000.
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- Pace, Gerald F.; and Cantu, Terry S., to Conoco Inc. Coal based cement cover for coal pile. 4,518,393, 5-21-85, Cl. 44-6.000.
- Pace, Incorporated: *See—*
  - Zovko, Carl B.; and Vogel, Alan D., 4,552,300, Cl. 228-20.000.
- Pace, Laurel J.: *See—*
  - McColgin, William C.; and Pace, Laurel J., 4,553,153, Cl. 357-30.000.
- Pace, Renato C.: *See—*
  - Vanni, Sergio; Guidi, Loris; Vallini, Paolo; Pace, Renato C.; and Scotti, Carlo, 4,560,384, Cl. 8-94.210.
- Pace, W. G.: *See—*
  - Hardy, Thomas G., Jr.; Kaganov, Alan L.; and Pace, W. G., 4,552,148, Cl. 128-334.00C.
- Pacer Technology and Resources, Inc.: *See—*
  - Stock, Hugh J., 4,498,609, Cl. 222-420.000.
- Pacesetter Systems, Inc.: *See—*
  - Weyant, Robert R., 4,513,752, Cl. 128-696.000.
  - Yates, Roy A., 4,531,937, Cl. 604-53.000.
- Pacetti, Larry D.: *See—*
  - Mikic, Frank; Fuhreck, John E.; and Pacetti, Larry D., 4,497,405, Cl. 206-378.000.
- Pach, Horst: *See—*
  - Denzin, Horst; and Pach, Horst, 4,522,121, Cl. 101-92.000.
- Pacha, Antonin: *See—*
  - Marsicek, Zdenek; Janeba, Jaroslav; Pacha, Antonin; Pastrnak, Ales; Dykast, Jaroslav; and Prazak, Roman, 4,534,042, Cl. 377-16.000.
- Pachage Machinery Co.: *See—*
  - Groom, James S.; and LaFleur, Paul J., Jr., 4,537,012, Cl. 53-552.000.
- Pacheco, Benjamin G.: *See—*
  - Valdes, Guillermo A.; Figueredo, Fernando F.; Pacheco, Benjamin G.; and Framil, Armando, 4,501,310, Cl. 144-34.00R.
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  - Farrar, Frank W.; and Cupp, Carl J., 4,514,922, Cl. 42-50.000.
  - Farrar, Frank W.; and Cupp, Carl J., 4,516,346, Cl. 42-50.000.
  - Farrar, Jack R.; and Farrar, Frank W., 4,502,238, Cl. 42-72.000.
  - Hoenig, George, 4,542,606, Cl. 42-75.00B.
- Pacho, Angel R.: *See—*
  - Alba, Emilio C.; and Pacho, Angel R., 4,546,306, Cl. 323-308.000.
- Pacholok, David R.: *See—*
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  - Behn, Reinhard; Heywang, Hermann; and Pachonik, Horst, 4,508,049, Cl. 118-50.100.
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- Pacific Atlantic Products, Ltd.: *See—*
  - Lummis, Michael G., 4,520,589, Cl. 43-43.120.
- Pacific Chemical Industrial Co., Ltd.: *See—*
  - Lee, Byung S.; and Kim, Chang K., 4,524,136, Cl. 435-139.000.
- Pacific Display Corporation: *See—*
  - Post, William L., 4,534,473, Cl. 211-58.000.
- Pacific Electro Dynamics, Inc.: *See—*
  - Carpenter, Ralph F.; and Gordon, David R., 4,533,836, Cl. 307-11.000.
- Pacific Industrial Co. Ltd.: *See—*
  - Yoshikawa, Seimi; Yamada, Hideo; and Okubo, Yoichi, 4,506,518, Cl. 62-180.000.
- Pacific Metals & Co. Ltd.: *See—*
  - Yamauchi, Takashi; Maruhashi, Shigeaki; Koike, Shinkichi; and Yamada, Keizo, 4,525,209, Cl. 75-51.500.
- Pacific Power Control, Inc.: *See—*
  - Thomas, Stanley N., 4,513,224, Cl. 315-141.000.
- Pacific Scientific Company: *See—*
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  - Larsen, Richard R., 4,500,026, Cl. 228-44.10R.
  - Webster, Donald R., 4,538,908, Cl. 356-36.000.
  - Wright, William S., Jr., 4,550,589, Cl. 73-11.000.
  - Yang, Elmer C., 4,526,047, Cl. 74-25.000.
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  - Ellenberger, Charles E.; Bower, George L.; and Snow, William R., 4,500,563, Cl. 427-38.000.
  - Staudacher, George E., 4,500,836, Cl. 324-73.0AT.
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  - Cerveny, Leonard W.; Bonham, Christopher; Mull, J. C., Jr.; and Shellman, Jon V., 4,526,285, Cl. 220-7.000.
- Pacifici, James G.; and Blankenship, Allen J., to Eastman Kodak Company. Preparation of monochlorohydroquinone. 4,503,268, 3-5-85, Cl. 568-765.000.
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  - Shackle, Dale R.; Cousin, Michael J.; and Pack, Gary D., 4,532,183, Cl. 428-402.220.
- Pack, Hugo: *See—*
  - Ruch, Jean; Katryniok, Detlef; and Pack, Hugo, 4,507,367, Cl. 429-27.000.
- Pack Image, Inc.: *See—*
  - Stone, Orison W., 4,512,755, Cl. 493-92.000.
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  - Crescenzo, Francis C.; and LaFleur, Paul J., Jr., 4,495,745, Cl. 53-77.000.
  - Groom, James S.; and McIntyre, Robert W., 4,524,564, Cl. 53-449.000.
  - Mosher, Oren A.; and Douglas, Ellwood S., 4,529,050, Cl. 177-1.000.
  - Mosher, Oren A.; and Douglas, Ellwood S., 4,534,428, Cl. 177-1.000.
  - Mosher, Oren A.; and Douglas, Ellwood S., 4,535,856, Cl. 177-1.000.
- Packaging Coordinators, Inc.: *See—*
  - Dlugosz, Jeffrey, 4,506,789, Cl. 206-532.000.
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  - Shirley, Gaylord R.; and Chiodo, Daniel J., 4,539,988, Cl. 128-314.000.
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  - Bixler, Kenneth D.; Reifers, Richard F.; and Lord, Henry A., 4,492,331, Cl. 229-2.5EC.
  - Champlin, Charles L., 4,549,650, Cl. 206-179.000.
  - Madsen, Roger E.; and Williams, Michael M., 4,511,080, Cl. 229-41.00C.
- Packard, Alden H.: *See—*
  - Purdy, Richard T.; and Packard, Alden H., 4,499,516, Cl. 360-128.000.
- Packard, Gary R.; and Mower, Michael L., to Facet Enterprises, Inc. Plastic bobbin for electromagnetic clutch. 4,508,203, 4-2-85, Cl. 192-84.00C.
- Packard Instrument Company, Inc.: *See—*
  - Everett, Leroy J.; and DeFilippis, Stanley J., 4,555,629, Cl. 250-362.000.
  - Valenta, Robert J., 4,528,450, Cl. 250-362.000.
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  - Craig, Robert L.; Hunter, Iain; and Packard, Paul D., 4,561,063, Cl. 364-559.000.
- Packer, Herbert, to Harshaw/Filtrol Partnership. Hot press-forging of an optical body with dynamic constraint by crystal powder. 4,522,865, 6-11-85, Cl. 428-212.000.
- Packer, Jon D.: *See—*
  - Bogardus, Rodger E.; Packer, Jon D.; and SaNogueira, James P., 4,515,784, Cl. 514-63.000.
- Packer, Louis. Portable wheel chair ramp. 4,528,711, 7-16-85, Cl. 14-69.500.
- Packer, Paul H.: *See—*
  - Whitt, Minton E., Sr.; and Packer, Paul H., 4,529,170, Cl. 254-131.000.
- Packet Technologies, Inc.: *See—*
  - Baran, Paul; and Pranger, Maarten R., 4,509,073, Cl. 358-86.000.
- Packham, Charles C.: *See—*
  - Majthan, Rudolf; Stuhler, Rolf; Parsonage, Raymond G.; and Packham, Charles C., 4,514,618, Cl. 219-370.000.
- Packing Materials Corporation: *See—*
  - Fox, James D.; Beckway, Bruce C.; and DeGroot, Robert H., 4,556,167, Cl. 229-45.00R.
- Packless Metal Hose, Inc.: *See—*
  - Zifferer, Lothar R., 4,514,997, Cl. 72-68.000.
- Packo, Joseph J.; and Bailey, Donald L., to Packo, Joseph J. Dehydrating refrigerant. 4,508,631, 4-2-85, Cl. 252-68.000.
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  - Maffrand, Jean-Pierre; and Frehel, Daniel, 4,496,568, Cl. 514-301.000.
- Pacquet, Denis. Machine for preparing culinary specialties in the form of flat cakes. 4,555,985, 12-3-85, Cl. 99-353.000.
- Pacradouni, Chahan: *See—*
  - Carydias, Roger; and Pacradouni, Chahan, 4,512,121, Cl. 52-125.200.
- Padalka, Valentin G.: *See—*
  - Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.
  - Axenov, Ivan I.; Bren, Viktor G.; Padalka, Valentin G.; Sablev, Leonid P.; Stupak, Rimma I.; and Khoroshikh, Vladimir M., 4,551,221, Cl. 204-298.000.
  - Kljuchko, Gennady V.; Padalka, Valentin G.; Sablev, Leonid P.; and Stupak, Rimma I., 4,492,845, Cl. 219-121.00P.
- Padberg, Peter: *See—*
  - Winkelmann, Detlef; and Padberg, Peter, 4,533,611, Cl. 430-49.000.
- Padden, Timothy J., to S. C. Johnson & Son, Inc. Collapsible foam aerosol hair product. 4,536,390, 8-20-85, Cl. 424-47.000.
- Padderatz, Heinz: *See—*
  - Olsen, Willi; Padderatz, Heinz; Palm, Joachim; and Pircher, Christian, 4,514,783, Cl. 361-336.000.
- Paddington, Arthur L. Pipe couplers. 4,553,777, 11-19-85, Cl. 285-420.000.
- Paddock, Charles F.; and Wefer, John M., to Uniroyal, Inc. Polycarbonate compositions with improved low temperature impact strength. 4,550,138, 10-29-85, Cl. 525-67.000.
- Paddock, Gary V., to Research Corporation. Recombinant cDNA construction method and hybrid nucleotides useful in cloning. 4,503,151, 3-5-85, Cl. 435-68.000.
- Paddock, Stephen W., to Whirlpool Corporation. Electronic sensing and display system for a refrigerator. 4,490,986, 1-1-85, Cl. 62-127.000.
- Padeiskaya, Elena N.: *See—*
  - Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
- Padget, John C., to Imperial Chemical Industries PLC. Method of thickening aqueous latex compositions. 4,504,614, 3-12-85, Cl. 524-284.000.
- Padget, John C.; and McIlrath, Donald H., to Imperial Chemical Industries PLC. Vinylidene chloride copolymer aqueous latex composition. 4,543,386, 9-24-85, Cl. 524-523.000.
- Padget, John C.; and McIlrath, Donald H., to Imperial Chemical Industries PLC. Aqueous latex copolymer compositions. 4,543,387, 9-24-85, Cl. 524-523.000.
- Padget, John C.: *See—*
  - Caldwell, David; Miller, David; and Padget, John C., 4,532,159, Cl. 427-388.400.
- Padgett, H. Pat: *See—*
  - Fisher, Gary H.; and Padgett, H. Pat, 4,552,303, Cl. 236-44.00C.
- Padgitt, Howard R.: *See—*
  - Rayburn, Charles C.; Padgitt, Howard R.; and Flair, Henry J., 4,533,813, Cl. 219-121.0LH.
- Padilla, Antonio A.: *See—*
  - Rodriguez, Larry A.; Padilla, Antonio A.; and Spake, Ned B., 4,512,387, Cl. 165-1.000.
- Padley & Venables Limited: *See—*
  - Radford, Leonard; and Joel, George, 4,529,250, Cl. 299-81.000.
- Padly, Yvan; and Borgeaud, Roger, to Societe d'Assistance Technique pour Produits Nestle S.A. Pasteurization of eggs. 4,511,589, 4-16-85, Cl. 426-521.000.
- Padoan, Giorgio M., to Societa Italiana Lenti S.I.L.-s.r.l. Casting plastic lenses from thermohardening monomer with compensation for polymer expansion and shrinkage. 4,497,754, 2-5-85, Cl. 264-1.400.
- Padova, Giovanna: *See—*
  - Ciabatti, Romeo; and Padova, Giovanna, 4,496,743, Cl. 548-533.000.
- Padovan, Mario: *See—*
  - Moretti, Enrico; Zamboni, Valentino; Le Van Mao, Raymond; Padovan, Mario; and Solari, Marcello, 4,525,466, Cl. 502-63.000.
- Padovani, Frank L., to Stauffer Chemical Company. Electrical contact lubricant composition and method of lubrication. 4,529,531, 7-16-85, Cl. 252-56.00S.
- Padovani, Pietro, to Industrie Specializzate Articoli Plastici SpA. Container having closure guide members. 4,553,692, 11-19-85, Cl. 229-2.5EC.
- Padovani, Pietro, to Officine Meccaniche Veronesi S.p.A. (O.M.V.). Extracting system for fabricated objects formed by a thermo-forming machine. 4,560,339, 12-24-85, Cl. 425-437.000.
- Padron, Tamara; and Lopez, Ignacio, to Lever Brothers Company. Liquid detergent compositions containing hydroxypropyl methylcellulose. 4,532,067, 7-30-85, Cl. 252-174.170.
- Paek, Un C.; and Schroeder, Charles M., Jr., to AT&T Technologies, Inc. Modified zirconia induction furnace. 4,533,378, 8-6-85, Cl. 65-3.120.
- Paek, Un C.; and Schroeder, Charles M., Jr., to AT&T Technologies, Inc. High speed lightguide coating apparatus. 4,539,226, 9-3-85, Cl. 427-163.000.
- Paek, Un-Chul, to AT&T Technologies, Inc. Single mode lightguide fiber having a trapezoidal refractive index profile. 4,516,826, 5-14-85, Cl. 350-96.310.
- Paelke, Jurgen. Bend unit for a belt conveyor. 4,518,079, 5-21-85, Cl. 198-864.000.
- Paerels, Gerard B.; and Raven, Cornelis W., to Duphar International Research B.V. Diphenyl ethers having herbicidal activity. 4,550,205, 10-29-85, Cl. 564-166.000.
- Paersch, Michael; Mrotzek, Herbert; Haukelt, Helmut; and Schreckenberg, Heinz-Wilhelm, to British Petroleum Company p.l.c., The. Process for the production of agglomerated fuels. 4,501,593, 2-26-85, Cl. 44-23.000.
- Paetzel, Herbert: *See—*
  - Weydt, Willy V. D.; Hannen, Ulrich; and Paetzel, Herbert, 4,505,188, Cl. 92-94.000.
- Paeye, Gerard: *See—*
  - Wiart, Albert; and Paeye, Gerard, 4,509,337, Cl. 62-235.100.
- Paeye, Gerard F., to Jeumont-Schneider Corporation. Solar-powered refrigeration unit. 4,531,384, 7-30-85, Cl. 62-477.000.
- Paez, Carlos A., to Grumman Aerospace Corporation. Method for superplastic forming and diffusion bonding Y shaped support structures. 4,549,685, 10-29-85, Cl. 228-118.000.
- Paez, Ricardo; and Rodriguez, Jorge R., to International Business Machines Corporation. Self-clocked signature analyzer. 4,534,030, 8-6-85, Cl. 371-25.000.
- Paff, Leonard L. Ribbon joint installer. 4,527,321, 7-9-85, Cl. 29-33.00R.
- Paffen nee Siebert, Ursula: *See—*
  - Struck, Bernd D.; Dias, Francisco J.; Luhleich, Hartmut; and Paffen nee Siebert, Ursula, 4,512,858, Cl. 204-104.000.
- Paffhausen, Hans: *See—*
  - Kohle, Ulrich; and Paffhausen, Hans, 4,515,489, Cl. 400-241.200.
  - Kohle, Ulrich; and Paffhausen, Hans, 4,544,292, Cl. 400-241.200.
- Paffoni, Camillo; Carlini, Filippo M.; Bottaccio, Giorgio; and Osti, Alberto, to Montedison S.p.A. Photostable yellow composite pigments and process for their preparation. 4,523,953, 6-18-85, Cl. 106-23.000.

Pagac, William T.: *See—*
  Barnhill, Martin L., III; and Pagac, William T., 4,512,220, Cl. 81-121.100.
  Mikic, Frank; and Pagac, William T., 4,522,310, Cl. 220-4.00R.
Pagana, Enrico: *See—*
  Massaglia, Piercarlo; Pagana, Enrico; and Savini, Dario, 4,498,062, Cl. 333-135.000.
Pagani, Sergio M.: *See—*
  Kaljee, Jan; Lalor, Leo J.; Pagani, Sergio M.; and Robinson, Frederick P. A., 4,517,441, Cl. 219-146.230.
Pagano, Michele; and Palumbo, Nicola. Framework block or brick consisting of modular elements of formed sheet steel or aluminum and comprising jointing means. 4,516,375, 5-14-85, Cl. 52-581.000.
Pagano, Roberto; and Nannini, Alessandro, to Fiat Auto S.p.A. Apparatus for the combined production of electrical energy and heat. 4,493,390, 1-15-85, Cl. 181-204.000.
Pagano, Roberto: *See—*
  Nannini, Alessandro; and Pagano, Roberto, 4,495,901, Cl. 123-2.000.
Pagdin, Brian C., to Solex (U.K.) Limited. Air flow metering. 4,530,334, 7-23-85, Cl. 123-494.000.
Pagdin, Brian C., to Solex (U.K.) Limited. Electromagnetically-operable fluid injection. 4,531,679, 7-30-85, Cl. 239-585.000.
Pagdin, Brian C.; and Marriage, David J., to Solex (U.K.) Limited. Air/fuel induction system for a multi-cylinder internal combustion engine. 4,545,345, 10-8-85, Cl. 123-299.000.
Pagdin, Brian C.: *See—*
  Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., 4,513,728, Cl. 123-527.000.
Page, Aime R. Gravity feed dog feeder. 4,538,548, 9-3-85, Cl. 119-52.00R.
Page, Bernard T.: *See—*
  Martin, Timothy J.; Page, Bernard T.; and Hooper, Francis H. A., 4,546,861, Cl. 188-79.5GE.
Page, Daniel A. Tool carrier with refrigeration compartment. 4,543,798, 10-1-85, Cl. 62-239.000.
Page, David W.; and Peterson, LuVerne R., to Burroughs Corporation. Re-programmable PLA. 4,508,977, 4-2-85, Cl. 307-468.000.
Page, David W., to Burroughs Corporation. Dynamic data re-programmable PLA. 4,524,430, 6-18-85, Cl. 365-189.000.
Page, Donald F.: *See—*
  Lesher, George Y.; Opalka, Chester J., Jr.; and Page, Donald F., 4,515,797, Cl. 514-349.000.
  Lesher, George Y.; Opalka, Chester J., Jr.; and Page, Donald F., 4,559,352, Cl. 514-344.000.
Page, Edmund J.: *See—*
  Wickham, David J.; Wilkins, Raymond A. S.; and Page, Edmund J., 4,552,410, Cl. 303-23.00R.
Page, Elwin H. Sofa-bunk bed combination. 4,555,821, 12-3-85, Cl. 5-9.00R.
Page, Frank C., III: *See—*
  Wiles, Laurence E.; and Page, Frank C., III, 4,519,518, Cl. 215-331.000.
Page, Geoffrey A.; Tokoli, Emery G.; Cosgrove, Robert T.; and Spiewak, John W., to Xerox Corporation. Process for preparing a phthalocyanine. 4,557,868, 12-10-85, Cl. 260-245.890.
Page, Jeffrey: *See—*
  Murrin, Byran; Willis, Robert; and Page, Jeffrey, 4,493,758, Cl. 204-224.00R.
Page, John E.: *See—*
  de Lorenzo, Mark X.; Hoffpauir, Charles R.; Hutchins, Johnnie R.; Meyer, Timmy R.; Page, John E.; and Poehl, Michael E., 4,535,134, Cl. 526-88.000.
Page, John L.: *See—*
  Brice, John C.; Page, John L.; and Whiffin, Peter A. C., 4,535,720, Cl. 118-415.000.
Page, Matthew A.; Libbey, William J.; and Lundeen, Allan J., to Du Pont de Nemours, E. I., and Company. Ethylene polymer composition for blow molding. 4,525,322, 6-25-85, Cl. 264-531.000.
Page, Michael: *See—*
  Lax, David R.; Page, Michael; and Johnstone, James S., 4,537,076, Cl. 73-662.000.
Page, Michel, to Her Majesty the Queen, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Multipoint fiber optic junction terminal. 4,503,532, 3-5-85, Cl. 370-1.000.
Page, Norman A.: *See—*
  Breckinridge, James B.; Page, Norman A.; Shack, Roland V.; and Shannon, Robert R., 4,497,540, Cl. 350-168.000.
Page, Philip R.; and Villax, Ivan, to Plurichemie Anstalt. Homogeneous catalytic system comprising rhodium, hydrazine and phosphine and a process for the preparation of same. 4,550,096, 10-29-85, Cl. 502-166.000.
Page, Philip R.: *See—*
  Villax, Ivan; and Page, Philip R., 4,500,458, Cl. 260-351.500.
Page, Raymond S., III, executor: *See—*
  Stephanoff, Nicholas N., deceased; and Page, Raymond S., III, executor, 4,526,324, Cl. 241-5.000.
Page, Robert K.; Villegas, Pedro; Eidson, Caswell S.; and Gaudry, Daniel, to Research Foundation. Avian proventriculitis vaccine. 4,559,229, 12-17-85, Cl. 424-89.000.
Pagel, Hayes L. Molecular gas detector and analyzer. 4,503,703, 3-12-85, Cl. 73-23.000.
Pagella, Piergiuseppe: *See—*
  Sportoletti, Giancarlo; Pagella, Piergiuseppe; and Cremonesi, Pietro, 4,493,829, Cl. 424-177.000.
Pagels, Louis T.: *See—*
  Weiler, Gerhard H.; Anderson, Paul A.; and Pagels, Louis T., 4,502,614, Cl. 222-148.000.
  Weiler, Gerhard H.; and Pagels, Louis T., 4,519,513, Cl. 215-32.000.
  Weiler, Gerhard H.; and Pagels, Louis T., 4,526,279, Cl. 215-32.000.
Pages, Gerard, to Le Joint Francais. Sealing pad for musical instrument. 4,508,004, 4-2-85, Cl. 84-385.00P.
Paget et Morel: *See—*
  Morel, Michel, 4,534,628, Cl. 351-153.000.
Paggini, Alberto: *See—*
  Fattore, Vittorio; Notari, Bruno; Paggini, Alberto; and Lagana, Vincenzo, 4,513,100, Cl. 502-303.000.
Pagliaro, Robert H., Jr.: *See—*
  Corboy, John F., Jr.; Jastrzebski, Lubomir L.; Blackstone, Scott C.; and Pagliaro, Robert H., Jr., 4,549,926, Cl. 156-612.000.
Paguba, Alexandr I.: *See—*
  Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.
Pahade, Ravindra F., to Union Carbide Corporation. Process to separate nitrogen from natural gas. 4,501,600, 2-26-85, Cl. 62-28.000.
Pahl, Ingo H.: *See—*
  Ziemek, Gerhard; and Pahl, Ingo H., 4,531,991, Cl. 156-79.000.
Pahl, Joachim: *See—*
  Kaeufer, Helmut; Rautenberg, Lutz; and Pahl, Joachim, 4,514,351, Cl. 264-210.200.
Pahl, Robert H.: *See—*
  Lee, Fu-Ming; and Pahl, Robert H., 4,559,109, Cl. 203-19.000.
Pahlke, Wulf: *See—*
  Bosies, Elmar; Gall, Rudi; Weimann, Gunter; Bicker, Uwe; and Pahlke, Wulf, 4,492,659, Cl. 260-925.000.
Pai, Damodar M.; Pochan, Darlyn F.; and Pochan, John M., to Xerox Corporation. Method for the preparation of photoconductive compositions. 4,504,564, 3-12-85, Cl. 430-132.000.
Pai, Robert Y.: *See—*
  Grossman, Mark W.; George, William A.; and Pai, Robert Y., 4,534,742, Cl. 445-9.000.
Pai, Rong-Chang: *See—*
  Olson, Kenneth C.; and Pai, Rong-Chang, 4,511,503, Cl. 260-112.00R.
Paige, Raymond J. Contamination-control mats. 4,559,250, 12-17-85, Cl. 428-40.000.
Paige, William P.: *See—*
  Thomas, Lowell S.; and Paige, William P., 4,497,920, Cl. 524-57.000.
  Weber, Christian A.; and Paige, William P., 4,526,926, Cl. 525-67.000.
Paikoff, Myron, to Sterling Drug Inc. Pre-sterilized medical procedure kit packages. 4,522,302, 6-11-85, Cl. 206-570.000.
Paikoff, Myron; Hain, Robert W.; and Hadtke, Frederick B., to Sterling Drug Inc. Pre-sterilized medical procedure kit packages. 4,523,679, 6-18-85, Cl. 206-370.000.
Paikoff, Myron: *See—*
  Hain, Robert W.; Hadtke, Frederick B.; and Paikoff, Myron, 4,513,891, Cl. 222-213.000.
Paillaud, Pierre G.: *See—*
  Gauchet, Yves M. A.; and Paillaud, Pierre G., 4,493,273, Cl. 111-86.000.
Pailler, Alain L. N., to Electronique Serge Dassault. Unitary guide for platen and print head. 4,556,334, 12-3-85, Cl. 400-124.000.
Pain Suppression Labs, Inc.: *See—*
  Liss, Saul; and Liss, Bernard S., 4,550,733, Cl. 128-421.000.
  Liss, Saul; and Liss, Bernard, 4,559,948, Cl. 128-419.00R.
Painton, Richard C., to Eastman Kodak Company. Servomechanism for disc player. 4,544,969, 10-1-85, Cl. 360-78.000.
Pair, Louis C., to Walker, Joe H. Antikickback hold-down safety device for table saws. 4,531,438, 7-30-85, Cl. 83-156.000.
Paisley, Gary V.; Altschuler, J. George; and Rommler, Josef, to Coca-Cola Company, The. Composition for making a plastic closure for liquid product containers. 4,499,141, 2-12-85, Cl. 428-318.800.
Paisley, Gary V.; and Malaspina, Alex, to Coca-Cola Company, The. Synthetic articles having a cork-like appearance. 4,507,405, 3-26-85, Cl. 521-84.100.
Paisley, Gary V.; and Malaspina, Alex, to Coca-Cola Company, The. Synthetic articles having a cork-like appearance. 4,522,856, 6-11-85, Cl. 428-64.000.
Paisley, Kirk E.: *See—*
  Fazio, Michael J.; and Paisley, Kirk E., 4,500,728, Cl. 560-222.000.
Paitchell, Harold, to Hayward Industries. Rotatable unitary ball valve. 4,523,740, 6-18-85, Cl. 251-315.000.
Pajak, Witold, to Conair Corporation. Pivoted handle hair curler having self-adjusting clamp. 4,561,455, 12-31-85, Cl. 132-37.00R.
Pajgrt, Jan; Bezdicek, Jan; and Novak, Jiri, to ZVS Vyzkumnevyvojovy ustav koncernova ucelova organizace. Plural motor plural clutch with worm drive. 4,509,629, 4-9-85, Cl. 192-0.098.
Pak, Jungho; and Navia, Jaime A., to Tektronix, Inc. Mounting apparatus for dynamic convergence coils. 4,562,480, 12-31-85, Cl. 358-248.000.
Pak Pro International, N.V.: *See—*
  Torterotot, Roland, 4,512,133, Cl. 53-167.000.
Pakhomov, Jury F.: *See—*
  Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid

- G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.
- Pako Corporation: *See—*
  - Baker, Richard W., 4,506,969, Cl. 354-298.000.
  - Euteneuer, Charles L.; and Diesch, Robert E., 4,534,519, Cl. 242-68.300.
  - Henk, Keith L., 4,532,500, Cl. 340-675.000.
  - Jensen, Gerald A.; and Euteneuer, Charles L., 4,543,771, Cl. 53-520.000.
  - Willenbring, Armer J., 4,516,386, Cl. 53-520.000.
- Pakor, Inc.: *See—*
  - Mitchell, Jerry L.; and Oberly, Jesse A., 4,548,824, Cl. 426-111.000.
  - Mitchell, Jerry L., 4,548,852, Cl. 426-111.000.
- Pakosh, Daniel, to Versatile Cornat Corporation. Rotary combine. 4,492,237, 1-8-85, Cl. 130-27.00R.
- Pakshtas, Mechislav-Valentinas K.: *See—*
  - Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.
- Pakur, Henryk: *See—*
  - Funk, Heinrich; Pakur, Henryk; and Seitz, Hans, 4,509,575, Cl. 152-356.00R.
- Pakus, Edward: *See—*
  - Cohen, Howard; and Pakus, Edward, 4,516,325, Cl. 33-138.000.
- Pala, Jerome; Karmell, Yale; and Muzyczko, Thaddeus M., to Samuel Bingham Company. Method of making roll for use in printing. 4,492,012, 1-8-85, Cl. 29-148.40D.
- Palacin, Francis: *See—*
  - Hasler, Rolf; and Palacin, Francis, 4,548,902, Cl. 436-2.000.
- Palacio, Joaquin J.; and Cristobal, Carlos C., to Gang-Nail Systems, Inc. Truss spacer. 4,490,956, 1-1-85, Cl. 52-639.000.
- Palacio, Joaquin J.; and Cristobal, Carlos C., to Gang-Nail Systems, Inc. Ribbed connector and joist structure. 4,523,419, 6-18-85, Cl. 52-690.000.
- Palacio, Joaquin J.; and Cristobal, Carlos C., to Gang-Nail Systems, Inc. Truss assembly and bracing clip and attachment member for use with trusses. 4,525,972, 7-2-85, Cl. 52-643.000.
- Palacio, Joaquin J.: *See—*
  - Rionda, Carlos S.; and Palacio, Joaquin J., 4,546,579, Cl. 52-92.000.
  - Rionda, Carlos S.; and Palacio, Joaquin J., 4,555,887, Cl. 52-712.000.
  - Rionda, Carlos S.; and Palacio, Joaquin J., 4,561,230, Cl. 52-289.000.
- Palameta, Bozidar: *See—*
  - Bagli, Jehan F.; Bogri, Tibor; Palameta, Bozidar; and Borella, Luis E., 4,542,140, Cl. 514-332.000.
- Palanuik, Elko: *See—*
  - Kirkland, Edmund R.; Palanuik, Elko; and Ingman, Harlan V., 4,495,724, Cl. 47-57.600.
- Palany, Harish C.: *See—*
  - Leicht, Frederick M.; Baugh, Benton F.; and Palany, Harish C., 4,548,273, Cl. 166-348.000.
- Palara, Sergio; and Torazzina, Aldo, to SGS-ATES Componenti Elettronici S.p.A. Power audio-amplifier with automatic adjustment of the bias current absorbed by the final stage. 4,555,674, 11-26-85, Cl. 330-267.000.
- Palau, Joseph, to S.A. des Etablissements Staubli (France). Hooking device for the semi-automatic connection of the heddle frames of weaving looms with the levers for controlling them. 4,541,459, 9-17-85, Cl. 139-88.000.
- Palau, Margaret. Method of manufacturing an expandable spongy member. 4,529,569, 7-16-85, Cl. 264-321.000.
- Palazzetti, Mario: *See—*
  - Walther, Helmut; and Palazzetti, Mario, 4,501,406, Cl. 251-30.000.
- Palazzolo, Francis V.; and Polachowski, Wayne T., to Custom Automation, Inc. Material flow rail. 4,541,518, 9-17-85, Cl. 193-35.00A.
- Palazzolo, James C. Electrolytic silver recovery system. 4,561,957, 12-31-85, Cl. 204-237.000.
- Palcon Corporation: *See—*
  - Sarantitis, Anthony, 4,502,628, Cl. 238-122.000.
- Palensky, Frederick J.; and Siedle, Allen R., to Minnesota Mining and Manufacturing Company. Platinum-nitrogen complex catalysts. 4,511,715, 4-16-85, Cl. 544-225.000.
- Palermo, Anthony, Jr., to Picker Corporation. High voltage connector assembly with internal oil expansion chamber. 4,494,811, 1-22-85, Cl. 339-94.00R.
- Palfalvi, Gyorgy: *See—*
  - Bodas, Janos; Bakay, Arpad; Papp, Istvan; Palfalvi, Gyorgy; and Kovacs, Gyula, 4,538,677, Cl. 165-146.000.
- Palfery, Kenneth J.; Malcolm, John S.; and Maharaj, Kenrick B., to McDonnell Douglas Corporation. Part turnover attachment for automatic machine tool. 4,555,844, 12-3-85, Cl. 29-568.000.
- Palfi, Zoltan; and Krekacs, Sandor, to Orszagos Koolaj es Gazipari Troszt. Phase-contacting plate for a phase-contacting column. 4,557,875, 12-10-85, Cl. 261-75.000.
- Palfi, Zoltan: *See—*
  - Varga, Laszlo ; Krekacs, Sandor; Latorcai, Janos; Palfi, Zoltan; and Fledrich, Istvan, 4,514,911, Cl. 34-22.000.
- Palfinger: *See—*
  - Palfinger, Richard, 4,558,879, Cl. 280-406.00R.
- Palfinger, Richard, to Palfinger. Trailer for a truck. 4,558,879, 12-17-85, Cl. 280-406.00R.
- Palframan, John D.: *See—*
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
- Palfray, Michel R., to Etablissements Proteor. Device for the alignment research, alignment and orientation of prosthesis of the lower limbs. 4,536,898, 8-27-85, Cl. 623-33.000.
- Palguta, Stephen E.: *See—*
  - Lay, Khin M.; and Palguta, Stephen E., 4,497,098, Cl. 28-171.000.
  - Lay, Khin M.; Palguta, Stephen E.; Fernandez, Ramon B.; and Cabalquinto, Santiago C., 4,501,037, Cl. 8-149.200.
- Pali, Christopher, to Essex Group, Inc. Method and apparatus for unwinding and splicing successive rolls. 4,555,070, 11-26-85, Cl. 242-58.100.
- Palilla, Frank C.; MacAllister, Burton W., Jr.; and Salemi, Caster, to GTE Automatic Electric Laboratories Incorporated. Method for making a varistor package. 4,538,347, 9-3-85, Cl. 29-619.000.
- Palin, Philip R.: *See—*
  - Miller, Gabriel M.; Cowen, Timothy B.; and Palin, Philip R., 4,540,405, Cl. 604-232.000.
- Palitex Project-Company GmbH: *See—*
  - Inger, Siegfried, 4,494,370, Cl. 57-81.000.
  - Lorenz, Rainer, 4,534,160, Cl. 57-22.000.
  - Lossa, Ulrich, 4,542,618, Cl. 57-58.830.
- Palkes, Mark, to Combustion Engineering, Inc. Slagging heat recovery unit with potassium seed recovery. 4,548,162, 10-22-85, Cl. 122-7.00R.
- Palkin, Leonid N.: *See—*
  - Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.
- Pall Corporation: *See—*
  - Adiletta, Joseph G., 4,495,238, Cl. 428-215.000.
  - Adiletta, Joseph G., 4,508,775, Cl. 428-240.000.
  - Christel, Conrad, Jr., 4,496,940, Cl. 340-640.000.
  - Cordes, Harry D.; Haberer, Thomas G.; and Verrando, Marcel G., III, 4,525,183, Cl. 55-179.000.
  - Degen, Peter J.; and Gsell, Thomas C., 4,493,756, Cl. 204-141.500.
  - Gravatt, Barton A., 4,552,570, Cl. 55-20.000.
  - Koehler, Paul C., 4,562,039, Cl. 419-2.000.
  - Koslow, Evan E., 4,537,608, Cl. 55-337.000.
  - Mason, Robert, 4,557,834, Cl. 210-445.000.
  - Pall, David B., 4,521,309, Cl. 210-493.200.
  - Pall, David B.; Degen, Peter J.; Joffee, Irving B.; Foss, Warren M.; and Gsell, Thomas C., 4,523,995, Cl. 210-504.000.
  - Pall, David B.; Degen, Peter J.; and Mischenko, John, III, 4,534,388, Cl. 141-1.000.
  - Silverwater, Bernard, 4,524,793, Cl. 137-198.000.
  - Tinker, Craig S., 4,546,442, Cl. 364-500.000.
  - Worwood, Bryan H.; and Stallard, Paul, 4,498,495, Cl. 137-557.000.
- Pall, David B., to Pall Corporation. Filter cartridge with castellated support and process of making the same. 4,521,309, 6-4-85, Cl. 210-493.200.
- Pall, David B.; Degen, Peter J.; Joffee, Irving B.; Foss, Warren M.; and Gsell, Thomas C., to Pall Corporation. Charge-modified microfiber filter sheets. 4,523,995, 6-18-85, Cl. 210-504.000.
- Pall, David B.; Degen, Peter J.; and Mischenko, John, III, to Pall Corporation. Dispersion system and method. 4,534,388, 8-13-85, Cl. 141-1.000.
- Pallanch, Francis T., to Vilter Manufacturing Corporation. Multi-stage gas compressor system and desuperheater means therefor. 4,554,799, 11-26-85, Cl. 62-509.000.
- Pallanza, Rosa: *See—*
  - Borghi, Angelo; Pallanza, Rosa; Coronelli, Carolina; and Cassani, Giovanni, 4,542,018, Cl. 424-119.000.
- Palley, Igor: *See—*
  - Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,501,856, Cl. 525-240.000.
  - Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,543,286, Cl. 428-288.000.
- Pallos, Ferenc M., to Stauffer Chemical Company. N-acylsulfonamide herbicidal antidotes. 4,495,365, 1-22-85, Cl. 564-91.000.
- Pallos, Ferenc M., to Stauffer Chemical Company. Amidocarbonylsulfonic acid salts: herbicide antidotes. 4,497,653, 2-5-85, Cl. 71-100.000.
- Pallos, Ferenc M.; Brokke, Mervin E.; and Arneklev, Duane R., to Stauffer Chemical Company. Herbicide compositions. 4,517,012, 5-14-85, Cl. 71-94.000.
- Pallos, Ferenc M.; Brokke, Mervin E.; and Arneklev, Duane R., to Stauffer Chemical Company. Herbicide compositions. 4,519,833, 5-28-85, Cl. 71-100.000.
- Pallos, Ferenc M.; DeBaun, Jack R.; and Teach, Eugene G., to Stauffer Chemical Company. 1-substituted phenylthiocarbamyl) 3,3-disubstituted formamidines and their use as pharmaceutical agents. 4,532,348, 7-30-85, Cl. 564-27.000.
- Pallos, Ferenc M., to Stauffer Chemical Company. Aryloxyphenoxy proponyl isothioureas and use as herbicides. 4,537,620, 8-27-85, Cl. 71-94.000.
- Pallos, Ferenc M.: *See—*
  - Hyzak, Daniel L.; Pallos, Ferenc M.; and Hsu, Joanna K., 4,546,199, Cl. 560-165.000.
- Pallos, Laszlo: *See—*
  - Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.

- Pallosy nee Becker, Katalin: *See—*
  - Pasztor, Emil; Lazar, Laszlo; Nagy, Jozsef; and Pallosy nee Becker, Katalin, 4,551,132, Cl. 604-52.000.
- Palluel, Pierre; and Shroff, Arvind, to Thomson-CSF. Thermoelectric cathode for a hyperfrequency valve and valves incorporating such cathodes. 4,494,035, 1-15-85, Cl. 313-346.00R.
- Palm, Bengt N. J., to Saab-Scania Aktiebolag. Piston engine having at least one heat-insulated combustion chamber, and parts for said engine. 4,530,341, 7-23-85, Cl. 123-669.000.
- Palm, Bengt N. J.: *See—*
  - Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,519,359, Cl. 123-668.000.
  - Dworak, Ulf; Olapinski, Hans; Fingerle, Dieter; Krohn, Ulrich; Hakulinen, Martti J. A.; and Palm, Bengt N. J., 4,524,732, Cl. 123-193.00H.
- Palm, Bernhard. Push-on/quick release locking arrangement for socket wrench extension. 4,537,100, 8-27-85, Cl. 81-177.850.
- Palm, Erich J.; and Bergmans, Christianus H. J., to U.S. Philips Corporation. DC switching voltage converter for multiplying an input DC voltage without increasing the switching conduction period. 4,530,043, 7-16-85, Cl. 363-21.000.
- Palm, Joachim: *See—*
  - Olsen, Willi; Padderatz, Heinz; Palm, Joachim; and Pircher, Christian, 4,514,783, Cl. 361-336.000.
- Palm, John W.; and Kunkel, Lorenz V., to Standard Oil Company (Indiana). Cooling and condensing of sulfur and water from Claus process gas. 4,526,590, 7-2-85, Cl. 55-27.000.
- Palm, Lars-Erik, to Tetra Pak International AB. Packing container for pressurized contents and a method for manufacturing the same. 4,524,565, 6-25-85, Cl. 53-449.000.
- Palm, Richard R.; James, Robert G.; and Fisher, Robert E., to Armco Inc. Self-compensating oscillatory pump control. 4,534,706, 8-13-85, Cl. 417-17.000.
- Palma, Gary E.; and Angelbeck, Albert W., to United Technologies Corporation. Reverse wave ring resonator control system. 4,549,299, 10-22-85, Cl. 372-18.000.
- Palma, Grazio: *See—*
  - Grappelli, Adriana; Tomati, Umberto; and Palma, Grazio, 4,552,726, Cl. 422-184.000.
- Palmaer, Leif: *See—*
  - Karlsson, Peter; and Palmaer, Leif, 4,547,908, Cl. 2-424.000.
  - Palmaer, Tore; Palmaer, Leif; and Jacobsson, Bjorn, 4,556,121, Cl. 181-129.000.
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- Palmason, Jon A., to Kvikk s.f. Apparatus for cutting fish heads. 4,503,588, 3-12-85, Cl. 17-61.000.
- Palmberg, Ulf, to AB Gustaf Kahr. Method and plant in processing, particularly cutting up elongated objects such as timber. 4,546,440, 10-8-85, Cl. 364-475.000.
- Palmer, Ansell W.: *See—*
  - Balch, Richard A.; and Palmer, Ansell W., 4,491,791, Cl. 324-157.000.
  - Bullock, Donald F.; and Palmer, Ansell W., 4,491,792, Cl. 324-157.000.
  - Germer, Warren R.; and Palmer, Ansell W., 4,491,793, Cl. 324-157.000.
- Palmer, C. Dale: *See—*
  - Traver, Jack L.; Palmer, C. Dale; and Hughes, Richard, 4,509,593, Cl. 166-63.000.
- Palmer, Christopher W.; and Hughes, Ronald M., to Lucas Industries Limited. Automatic adjuster for a shoe drum brake. 4,558,766, 12-17-85, Cl. 188-79.50B.
- Palmer, David: *See—*
  - Blechschmid, John; Coyne, Richard D.; Palmer, David; and Piatt, John A., 4,556,785, Cl. 219-460.000.
- Palmer, David A.; and Palmer, James K., to Montedoro-Whitney Corporation. Field-portable calibration unit for electromagnetic flow meters. 4,520,650, 6-4-85, Cl. 73-3.000.
- Palmer, David N., to Combustion Engineering, Inc. Method for making chalcogenide cathodes. 4,508,608, 4-2-85, Cl. 204-192.00C.
- Palmer, David N.; and Ferrell, Gary W., to Combustion Engineering, Inc. Method for making a composite cathode active material/current collector product. 4,539,052, 9-3-85, Cl. 148-6.240.
- Palmer, David N., to Combustion Engineering, Inc. Getter-lubricant coating for nuclear fuel elements. 4,541,984, 9-17-85, Cl. 376-415.000.
- Palmer, David N., to Combustion Engineering, Inc. Synthesis of intercalatable layered stable transition metal chalcogenides and alkali metal-transition metal chalcogenides. 4,542,009, 9-17-85, Cl. 423-561.00R.
- Palmer, David N.: *See—*
  - Brule, James E.; O'Neill, James K.; and Palmer, David N., 4,497,726, Cl. 252-182.100.
- Palmer, Dean C.: *See—*
  - Cunningham, Earl A.; and Palmer, Dean C., 4,516,165, Cl. 360-53.000.
- Palmer, Dennis C.; and Palmer, Edward B. Internal combustion engine. 4,492,188, 1-8-85, Cl. 123-58.00R.
- Palmer, Donald F., III. Manhole cover and assembly for tank for transporting flammable liquids. 4,501,377, 2-26-85, Cl. 220-314.000.
- Palmer, Donald L., to Garrett Corporation, The. Fluid compressor control and operation. 4,543,036, 9-24-85, Cl. 415-1.000.
- Palmer, Edward B.: *See—*
  - Palmer, Dennis C.; and Palmer, Edward B., 4,492,188, Cl. 123-58.00R.
- Palmer, Fredrick J.: *See—*
  - Nygaard, Richard A., Jr.; and Palmer, Fredrick J., 4,554,632, Cl. 364-300.000.
- Palmer, George J., to Turbo Ventana Limited. Ventilators. 4,531,455, 7-30-85, Cl. 98-96.000.
- Palmer, Ian G.: *See—*
  - Vidoz, Aldo E.; Crooks, Donald D.; Lewis, Richard E.; Palmer, Ian G.; and Wadsworth, Jeffrey, 4,557,770, Cl. 148-437.000.
- Palmer, James A.; and Gromak, Stephen C., to Amigo Sales, Inc. Detachable steerable power unit for occupant-propelled wheelchairs. 4,503,925, 3-12-85, Cl. 180-13.000.
- Palmer, James K.; and Janeway, Robert K. System for measuring conductivity of a liquid. 4,491,798, 1-1-85, Cl. 324-425.000.
- Palmer, James K.: *See—*
  - Palmer, David A.; and Palmer, James K., 4,520,650, Cl. 73-3.000.
- Palmer, James L.: *See—*
  - Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,513,093, Cl. 502-84.000.
  - Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,549,958, Cl. 208-253.000.
  - Kovach, Stephen M.; and Palmer, James L., 4,551,231, Cl. 208-120.000.
- Palmer, John; Ravenel, Bruce; and Nave, Rafi, to Intel Corporation. Programmable bidirectional shifter. 4,509,144, 4-2-85, Cl. 364-900.000.
- Palmer, John P.; and Ward, Phillip B., Jr., to General Dynamics, Pomona Division. Fiber optic coupler array and fabrication method. 4,514,057, 4-30-85, Cl. 350-96.150.
- Palmer, John R., to Upjohn Company, The. Preparing 1-(hydroxymethyl)-triazolobenzodiazepines and 1-(aminomethyl)-triazolobenzodiazepines. 4,501,698, 2-26-85, Cl. 260-245.500.
- Palmer, Kenneth J.; Brandyberry, Dennis R.; and Rye, Grover W., to Goodyear Tire & Rubber Company, The. Metallic cable for reinforcing elastomeric articles. 4,516,395, 5-14-85, Cl. 57-237.000.
- Palmer, Kenneth J.: *See—*
  - Rye, Grover W.; and Palmer, Kenneth J., 4,545,190, Cl. 57-212.000.
- Palmer, Louis R.: *See—*
  - Conrad, Frederick L.; Palmer, Louis R.; and Roberts, Arthur A., 4,496,245, Cl. 366-143.000.
- Palmer, Marvin K., to Caterpillar Tractor Co. Log skidder vehicle brake system. 4,560,148, 12-24-85, Cl. 254-323.000.
- Palmer, Patrick V.: *See—*
  - Mannion, Geoffrey; and Palmer, Patrick V., 4,511,401, Cl. 75-130.00R.
- Palmer, Richard C.; and Plotnick, Michael A., to RCA Corporation. Video disc encoding and decoding system providing intra-field track error correction. 4,551,770, 11-5-85, Cl. 358-342.000.
- Palmer, Richard C.: *See—*
  - Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.
- Palmer, Russell N., to Du Pont de Nemours, E. I., and Company. Interlaced polyester industrial yarns. 4,529,655, 7-16-85, Cl. 428-399.000.
- Palmer, Tom, to Key Systems, Inc. Animal feeding system. 4,517,923, 5-21-85, Cl. 119-51.00R.
- Palmer, Willard, to Rock-Tenn Company. Cross partition interlock using enlarged tab. 4,544,092, 10-1-85, Cl. 229-15.000.
- Palmer, William B., to TRW Inc. Fluid coupling assembly. 4,543,992, 10-1-85, Cl. 137-614.000.
- Palmgren, Karl S., to Regioninvest I Norr AB. Conduit-break valve for a pressure conduit or hose with a surrounding protective conduit or hose. 4,535,804, 8-20-85, Cl. 137-458.000.
- Palmieri, Anthony L. Eyeglass positioning apparatus. 4,506,961, 3-26-85, Cl. 351-137.000.
- Palmieri, Beniamino: *See—*
  - Caselgrandi, Ivo; and Palmieri, Beniamino, 4,542,749, Cl. 128-752.000.
- Palmieri, John. Easy fingers. 4,553,466, 11-19-85, Cl. 84-317.000.
- Palmieri, Joseph M.: *See—*
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- Palmlin, Peter: *See—*
  - Bengtsson, Bengt L.; Palmlin, Peter; and Saldert, Bertil K., 4,521,439, Cl. 426-509.000.
  - Bengtsson, Bengt L.; Palmlin, Peter; and Ekholm, Jan, 4,525,368, Cl. 426-438.000.
- Palmquist, Steven R.: *See—*
  - Hoeren Gerd H.; and Palmquist, Steven R., 4,493,044, Cl. 364-579.000.
  - Sutton, Steven R.; Hagen, Michael S.; Chapman, David D.; Gombert, Glenn S.; and Palmquist, Steven R., 4,541,100, Cl. 375-10.000.
- Palmqvist, Sune H.: *See—*
  - Johnsson, Bo A.; Losell, Ingvar E.; and Palmqvist, Sune H., 4,533,516, Cl. 422-46.000.
- Palnitkar, Madhav P., to Vlasic Foods, Inc. Method of making sweet pickles. 4,547,389, 10-15-85, Cl. 426-639.000.
- Palomar Systems & Machines, Inc.: *See—*
  - Braden, Denver, 4,526,129, Cl. 118-503.000.
- Palomera, Louis M. Carpenter's level holding device and method for plumbing a wall partition. 4,501,057, 2-26-85, Cl. 29-407.000.

- Palosi, Eva: *See—*
  - Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Palosi, Eva; Kiss, Bela; Ezer, Elemer; and Hajos, Gyorgy, 4,551,462, Cl. 514-283.000.
  - Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,504,481, Cl. 514-255.000.
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- Palson, Richard C. J., to Phillips Manufacturing Company, The. Pocketknife hone. 4,501,068, 2-26-85, Cl. 30-138.000.
- Paltrow, Robert W.: *See—*
  - Bradley, William P.; Herman, Michael; and Paltrow, Robert W., 4,530,730, Cl. 156-227.000.
- Paluch, Richard C.: *See—*
  - Dale, Steven M.; Paluch, Richard C.; and Setter, Gerald A., Jr., 4,527,909, Cl. 374-163.000.
- Palumbo, Janice M.: *See—*
  - Reczek, James A.; and Palumbo, Janice M., 4,555,478, Cl. 430-367.000.
- Palumbo, Nicola: *See—*
  - Pagano, Michele; and Palumbo, Nicola, 4,516,375, Cl. 52-581.000.
- Palumbo, Pasquale M. Dynamic ankle brace. 4,495,942, 1-29-85, Cl. 128-80.00H.
- Palumbo, Stephen A. J., to Xerox Corporation. Non-image erase system for reproduction machines. 4,505,575, 3-19-85, Cl. 355-14.00E.
- Palus, Wilfried: *See—*
  - Schmitt, Hans-Georg; Palus, Wilfried; and Genth, Hermann, 4,520,023, Cl. 514-241.000.
- Paluzzi, Joseph A.: *See—*
  - Davidescu, Reghina; de Ceglie, Gaetano J.; Jacquett, Harold W.; and Paluzzi, Joseph A., 4,551,345, Cl. 426-594.000.
- Palvadeau, Claude; and Scheidt, Claude, to Societe Miniere et Metallurgique de Penarroya. Process for preparing metal by electrolysis, especially lead, and by-product obtained by their application. 4,507,182, 3-26-85, Cl. 204-35.100.
- Palvadeau, Claude: *See—*
  - Beutier, Didier; Bruvier, Hugues; and Palvadeau, Claude, 4,548,793, Cl. 423-92.000.
  - Laveyne, Michel; and Palvadeau, Claude, 4,557,908, Cl. 423-164.000.
- Palvolgyi, Frank A., to United States of America, Air Force. Random timer. 4,535,466, 8-13-85, Cl. 377-54.000.
- Palz, Helmut, to Didier-Werke AG. Process and apparatus for preheating the combustion mediums used for firing blast furnace stoves. 4,492,568, 1-8-85, Cl. 432-30.000.
- PAMA S.p.A.: *See—*
  - Marazzini, Severino, 4,542,548, Cl. 12-142.00J.
- Pamart, Joel: *See—*
  - Bellocci, Rio; and Pamart, Joel, 4,491,303, Cl. 266-114.000.
- Pamer, Karl A., to Litton Systems, Inc. Material handling system. 4,531,460, 7-30-85, Cl. 105-150.000.
- Pamer, Steven E.; and Cook, James A., Jr., to PPG Industries, Inc. Process for producing 2-halomethyl-1,3-cyclic acetal. 4,532,338, 7-30-85, Cl. 549-455.000.
- Pamer, Walter R.; Zils, James A.; and Capuano, Terry D., to Russell, Burdsall & Ward Corporation. Load indicating flange. 4,498,825, 2-12-85, Cl. 411-11.000.
- Pamiello, Gani, to AT&T Bell Laboratories. Electrically isolating two piece mounting washer arrangement. 4,495,515, 1-22-85, Cl. 357-81.000.
- Pammenter, Robert V.: *See—*
  - Matthew, Ian G.; Pammenter, Robert V.; and Kershaw, Mervyn G., 4,515,696, Cl. 210-713.000.
- Pamont AG: *See—*
  - Sapper, Richard, 4,560,199, Cl. 297-323.000.
- Pampalone, Thomas R., to American Hoechst Corporation. Positive photoresist compositions with o-quinone diazide, novolak, and propylene glycol alkyl ether acetate. 4,550,069, 10-29-85, Cl. 430-165.000.
- Pampell, Davy G.: *See—*
  - Jandrasi, Frank J.; Pampell, Davy G.; and Stinson, Walter J., 4,512,363, Cl. 137-375.000.
- Pampus, Gottfried: *See—*
  - Casper, Rudolf; Wendling, Peter; Konter, Wolfgang; Pampus, Gottfried; and Hohmann, Gerhard, 4,525,561, Cl. 526-220.000.
- Pan, Ali; and Cohrs, Karl S., to Northern Telecom Limited. Extrusion apparatus. 4,551,087, 11-5-85, Cl. 425-466.000.
- Pan Canadian Petroleum Limited: *See—*
  - Cymbalisty, Lubomyr M. O.; and Cymerman, George J., 4,545,892, Cl. 208-11.0LE.
- Pan Communications, Inc.: *See—*
  - Konomi, Masao, 4,516,428, Cl. 73-585.000.
- Pan Electric Corporation: *See—*
  - Cornell, Paul A., 4,548,462, Cl. 339-266.00R.
- Pan, Jing-Jong, to Harris Corporation. Dual-gate MESFET combiner/-divider for use in adaptive system applications. 4,511,813, 4-16-85, Cl. 307-501.000.
- Pan, Jing-Jong; and Wilson, John B., to Harris Corporation. Microwave/millimeter wave amplifier with RF feedback. 4,525,680, 6-25-85, Cl. 330-277.000.
- Pan, Robert B.: *See—*
  - Radd, Fred J.; Scott, James B.; and Pan, Robert B., 4,493,372, Cl. 166-285.000.
  - Salama, Mamdouh M.; and Pan, Robert B., 4,543,008, Cl. 403-174.000.
- Pan, Wie-Hin: *See—*
  - Ho, Teh C.; and Pan, Wie-Hin, 4,514,517, Cl. 502-220.000.
  - Stiefel, Edward I.; Pan, Wie-Hin; and Chianelli, Russell R., 4,510,260, Cl. 502-219.000.
  - Stiefel, Edward I.; Pan, Wie-Hin; and McKenna, Stephen, 4,547,321, Cl. 556-14.000.
- Pan, You-Chwen. Computer diskette cases. 4,511,034, 4-16-85, Cl. 206-310.000.
- Panaia, David J.; and Lovell, Walter C. Pressure control wheel chair seat. 4,493,488, 1-15-85, Cl. 280-42.000.
- Panak, Edouard: *See—*
  - Blanchard, Jean; and Panak, Edouard, 4,537,894, Cl. 514-301.000.
- Panametrics, Inc.: *See—*
  - Lynnworth, Lawrence C.; and Matson, James E., 4,538,469, Cl. 73-861.270.
  - Pedersen, Norman E., 4,491,730, Cl. 250-343.000.
  - Wallace, David R.; Korba, James M.; Matson, James E.; and Lynnworth, Lawrence C., 4,515,021, Cl. 73-861.270.
- Panas, William R.: *See—*
  - Jarosz, John M.; and Panas, William R., 4,494,103, Cl. 337-282.000.
- Panasewich, Raymond. Tackle box. 4,555,862, 12-3-85, Cl. 43-54.100.
- Panasjuk, Georgy P.: *See—*
  - Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.
- Panavision, Incorporated: *See—*
  - Cappels, Richard D., 4,527,201, Cl. 358-224.000.
  - Fazekas, Carl F., 4,525,045, Cl. 352-57.000.
  - Gottschalk, Robert E., 4,510,529, Cl. 358-224.000.
  - Nabulsi, Hazem, 4,500,916, Cl. 358-51.000.
- Panayappan, Ramanathan, to United States of America, Navy. Metal oxide remover and method of using. 4,529,450, 7-16-85, Cl. 134-4.000.
- Panayoti, Peter: *See—*
  - Flor, Joseph R.; Havens, Richard F.; and Panayoti, Peter, 4,542,947, Cl. 339-54.000.
- Panayotou, Nicholas F.; Green, Donald R.; and Price, Larry S., to United States of America, Energy. Furnace assembly. 4,562,037, 12-31-85, Cl. 376-340.000.
- Panchenko, Anatoly I.: *See—*
  - Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav P.; and Toguzov, Mels Z., 4,521,245, Cl. 75-21.000.
- Panclor S.A.: *See—*
  - Spaziante, Placido M., 4,510,026, Cl. 204-95.000.
- Pancook, James J.; and Ulbing, Otmar M., to Columbus McKinnon Corporation. Pendant type electrical switching device. 4,520,247, 5-28-85, Cl. 200-298.000.
- Pancotti, Santino; and Mariani, Renato, to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Helicopter rotor. 4,512,717, 4-23-85, Cl. 416-134.00A.
- Pancretec, Inc.: *See—*
  - Horres, Russell; and Moers, John W., 4,559,040, Cl. 604-153.000.
- Pande, Krishna P., to Allied Corporation. Indium phosphide-boron phosphide heterojunction bipolar transistor. 4,529,996, 7-16-85, Cl. 357-16.000.
- Pander, Hans J.: *See—*
  - Toussaint, Herbert; and Pander, Hans J., 4,532,082, Cl. 260-465.100.
- Pander, Peter: *See—*
  - Schwab, Erwin; Parisi, Graziano; and Pander, Peter, 4,551,289, Cl. 264-23.000.
- Pandey, Ramesh C.; Toussaint, Margaret W.; McGuire, Jeffrey C.; and Thomas, Monica C., to Litton Bionetics, Inc. Maggiemycin, anhydromaggiemycin and processes for making. 4,501,699, 2-26-85, Cl. 260-351.100.
- Pandhandle Industries, Inc.: *See—*
  - Hidle, Jerry, 4,535,947, Cl. 242-55.200.
- Pandit, Vijay: *See—*
  - Stern, Mark; Airesman, Charles; and Pandit, Vijay, 4,543,837, Cl. 73-862.630.
- Pando, Bernard: *See—*
  - Grima, Jean-Claude; Pando, Bernard; and David, Guy A. J., 4,520,479, Cl. 370-84.000.
- Pandolfi, Alberto, to Brevetti Gaggia S.p.A. Apparatus for producing ice cream utilizing the Peltier effect. 4,540,288, 9-10-85, Cl. 366-145.000.
- Pandolfi, Maurizio: *See—*
  - Comi, Gaetano; and Pandolfi, Maurizio, 4,532,129, Cl. 424-94.000.
- Pandrol Ltd.: *See—*
  - Schumaker, Jon S., 4,513,912, Cl. 238-349.000.
- Panduit Corp.: *See—*
  - Caveney, Jack E.; Moody, Roy A.; Bulanda, John J.; and Wende, Russell E., 4,519,129, Cl. 29-749.000.
  - Caveney, Jack E., 4,554,733, Cl. 29-749.000.
  - Guzay, Casimir M., Jr., 4,506,430, Cl. 29-450.000.
  - Moody, Roy A.; Bulanda, John J.; Levin, Robert F.; Timian, Steven S.; and Waltasti, Stephen A., 4,498,506, Cl. 140-93.200.

Moody, Roy A.; Kirsinas, Peter; and Turek, James A., 4,527,328, Cl. 29-749.000.
Zajeski, Robert B., 4,553,801, Cl. 339-59.00M.
Pandzik, Richard T., to General Motors Corporation. Air conditioning compressor unloading control system. 4,506,517, 3-26-85, Cl. 62-175.000.
Pane, Francis C., Jr.: *See—*
Striebel, Edmund E.; Matthews, John A.; Sepulveda, Domingo; and Pane, Francis C., Jr., 4,512,158, Cl. 60-740.000.
Paneccasio, Vincent, to Enthone, Incorporated. Zinc plating solutions and method utilizing ethoxylated/propoxylated polyhydric alcohols. 4,512,856, 4-23-85, Cl. 204-55.00R.
Panett Corporation: *See—*
Burnett, Patricia A., 4,559,649, Cl. 4-144.100.
Panetti, Romolo, to Speno International S.A. Grinding device for the reprofiling of a rail of a railway track. 4,492,059, 1-8-85, Cl. 51-178.000.
Panetti, Romolo, to Speno International S.A. Method for measuring the transverse profile of the head of a rail of a railroad track. 4,531,837, 7-30-85, Cl. 356-376.000.
Panetti, Romolo, to Speno International S.A. Measuring device of the transverse profile of the head of a rail. 4,541,182, 9-17-85, Cl. 33-560.000.
Panetti, Romolo, to Speno International S.A. Apparatus for measuring undulatory deformations of the rolling surface of railroad rails. 4,548,070, 10-22-85, Cl. 73-105.000.
Panganiban, Lucy C.: *See—*
Nutter, Robert C.; and Panganiban, Lucy C., 4,559,308, Cl. 435-317.000.
Pangburn, William E. Nail file having flexible abrasive sheet. 4,534,138, 8-13-85, Cl. 51-392.000.
Pangritz, Dirk: *See—*
Schneider, Werner; Pangritz, Dirk; and Riedesser, Walter, 4,548,677, Cl. 162-139.000.
Panhandle Eastern Pipe Line Company: *See—*
Tietze, Thomas N., 4,511,844, Cl. 324-425.000.
Panhke, Klaus-Dieter; and Becker, Wilfried, to Rheinmetall GmbH. Drum magazine for large-caliber ammunition. 4,535,677, 8-20-85, Cl. 89-46.000.
Panick, Karl; and Glass, Joseph, to Webasto-Werk W. Baier GmbH & Co. Electromagnetic fuel delivery and metering pump. 4,496,292, 1-29-85, Cl. 417-252.000.
Panick, Karl, to Webasto-Werk W. Baier GmbH & Co. Vaporization burner. 4,530,658, 7-23-85, Cl. 431-329.000.
Panico, C. Richard, to Xenon Corporation. Photomagnetic catalysis process. 4,495,040, 1-22-85, Cl. 204-155.000.
Panipinto, David C.: *See—*
LaRosa, John; and Panipinto, David C., 4,534,201, Cl. 72-348.000.
Panique, Kenneth: *See—*
Buckley, Galen L.; and Panique, Kenneth, 4,519,674, Cl. 350-102.000.
Pankatz, Jurgen: *See—*
Binnig, Rupert; Gerlach, Gunter; Nilles, Peter; and Pankatz, Jurgen, 4,512,811, Cl. 134-10.000.
Panke, Gunter: *See—*
Gerking, Luder; and Panke, Gunter, 4,540,774, Cl. 528-502.000.
Panken, Irving, to Mazer Corporation, The. Crayon adapted for development of latent images. 4,525,214, 6-25-85, Cl. 106-19.000.
Pankin, Sidney M., to Maximum Technology. Reflector systems for lighting fixtures and method of installation. 4,562,517, 12-31-85, Cl. 362-147.000.
Pankoke, Werner, to Theodor Hymmen KG. Device for applying surface pressure to advancing workpieces. 4,537,408, 8-27-85, Cl. 277-34.000.
Pankoke, Werner, to Theodor Hymmen KG. Device for applying surface pressure to advancing workpieces. 4,555,988, 12-3-85, Cl. 100-154.000.
Pankove, Jacques I., to RCA Corporation. Method of making P-type hydrogenated amorphous silicon. 4,551,352, 11-5-85, Cl. 427-39.000.
Pankratz, David P. Magnetic motor. 4,517,477, 5-14-85, Cl. 310-23.000.
Panlabs, Inc.: *See—*
Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.
Panimatic Company: *See—*
Rusteberg, Robert K., 4,548,232, Cl. 137-519.000.
Pann, Keh, to Mobil Oil Corporation. Method for enhancement of the signal-to-noise ratio in seismic reflection signals. 4,503,527, 3-5-85, Cl. 367-53.000.
Pannell, Reginald J. H.: *See—*
Gange, Lester; and Pannell, Reginald J. H., 4,520,754, Cl. 118-626.000.
Pannell, Reginald James Harding: *See—*
Gange, Lester; and Pannell, Reginald J. H., 4,520,754, Cl. 118-626.000.
Pannell, Richard B.: *See—*
Beuther, Harold; Kibby, Charles L.; Kobylinski, T. P.; and Pannell, Richard B., 4,493,905, Cl. 502-325.000.
Panneman, Harm J., to Akzo N.V. Carboxyimidamide derivatives. 4,499,105, 2-12-85, Cl. 514-631.000.
Pannocchia, Mario, to Minnesota Mining and Manufacturing Company. Color photographic elements with improved mechanical properties. 4,495,273, 1-22-85, Cl. 430-510.000.
Pannu, Jaswant S. Universal intraocular lens. 4,542,541, 9-24-85, Cl. 623-6.000.
Pannwitz, Karl-Heinz: *See—*
Eckstein, Wolfgang; Leichnitz, Kurt; Pannwitz, Karl-Heinz; Rabenecker, Horst; and Wolff, Gunter, 4,528,160, Cl. 422-86.000.
Pano, Joseph, to Iscar Ltd. Rotary slot cutting tools having replaceable inserts and replaceable seats. 4,492,140, 1-8-85, Cl. 83-839.000.
Pano, Joseph, to Iscar Ltd. Tool system for precision slotting. 4,558,974, 12-17-85, Cl. 407-50.000.
Panock, Richard L.: *See—*
Forrest, Stephen R.; and Panock, Richard L., 4,493,113, Cl. 455-606.000.
Panopoulos, Nickolas: *See—*
Orser, Cindy; Loper, Joyce; Panopoulos, Nickolas; Lindow, Steven; and Schroth, Milton N., 4,540,667, Cl. 435-172.300.
Panovic, Vlatko, to Drexore Resources Inc. Claw hammer for driving and extracting nails. 4,533,116, 8-6-85, Cl. 254-26.00R.
Pansaerts, Marcel F. R.; Bogaert, Joseph M. F.; and Decolvenaer, Etienne K. A., to International Standard Electric Corporation. Mechanical locking device for electrical equipment. 4,547,835, 10-15-85, Cl. 361-399.000.
Pansanel, Jean C., to AMP Incorporated. Method of, and apparatus for, terminating a conductor of a flat flexible cable. 4,519,133, 5-28-85, Cl. 29-863.000.
Pansiera, Timothy T. Hinge means for orthopedic brace. 4,502,472, 3-5-85, Cl. 128-80.00F.
Panster, Peter; Michel, Rudolf; Kleinschmit, Peter; and Deschler, Ulrich, to Degussa Aktiengesellschaft. Process for the production of sulfur containing organosilicon compounds. 4,507,490, 3-26-85, Cl. 556-427.000.
Panster, Peter; Grethe, Horst; and Kleinschmit, Peter K., to Degussa Aktiengesellschaft. Organopolysiloxanes containing sulphonate groups, method for the production and use thereof. 4,552,700, 11-12-85, Cl. 556-9.000.
Pantaleo, Victor. Ski clip holding device. 4,536,926, 8-27-85, Cl. 24-523.000.
Pantalone, Antonio. Section-iron for braces or uprights for lattice girders and like structures. 4,524,555, 6-25-85, Cl. 52-738.000.
Pantani, Jean-Pierre: *See—*
Carsalade, Henri; Delaporte, Francois-Xavier; and Pantani, Jean-Pierre, 4,516,247, Cl. 375-56.000.
Pantasote Inc.: *See—*
Coppola, Joseph C., Jr., 4,493,175, Cl. 52-410.000.
Panteleev, Valery A.: *See—*
Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.
Pantelis, Philippos, to British Telecommunications. Piezoelectric and pyroelectric film. 4,557,880, 12-10-85, Cl. 264-22.000.
Pantic, Milan: *See—*
Hall, John M.; and Pantic, Milan, 4,496,033, Cl. 188-347.000.
Pantke, Hellmuth: *See—*
Heise, Klaus-Peter; Kuth, Robert; Neufang, Karl; Pantke, Hellmuth; and Wedemeyer, Karlfried, 4,544,372, Cl. 8-602.000.
Pantone, Richard S.: *See—*
Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,156, Cl. 260-453.0SP.
Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,157, Cl. 260-453.0SP.
Dewhurst, John E.; Dormish, Jeffrey F.; and Pantone, Richard S., 4,539,158, Cl. 260-453.0SP.
Yeater, Robert P.; Pantone, Richard S.; and Rieck, James N., 4,551,498, Cl. 524-424.000.
Panush, Sol, to Inmont Corporation. Multilayer automative paint system. 4,499,143, 2-12-85, Cl. 428-336.000.
Panush, Sol, to Inmont Corporation. Super jet black coatings. 4,517,249, 5-14-85, Cl. 428-463.000.
Panush, Sol, to Inmont Corporation. Substrate coated with opalescent coating and method of coating. 4,539,258, 9-3-85, Cl. 428-324.000.
Panush, Sol; Gelmini, James M.; and Varcak, David M., to Inmont Corporation. Process for applying a multi-layer paint containing mica pigment. 4,547,410, 10-15-85, Cl. 427-388.200.
Panush, Sol, to Inmont Corporation. Pearlescent automotive paint compositions. 4,551,491, 11-5-85, Cl. 524-31.000.
Panuska, Brian R., to Sperry Corporation. Biased harmonic locking ring. 4,561,795, 12-31-85, Cl. 403-4.000.
Panza, Michael J., to United McGill Corporation. Sound absorption method and apparatus. 4,553,631, 11-19-85, Cl. 181-291.000.
Panzer, Gary W., to General Dynamics. Digital circuit unit testing system utilizing signature analysis. 4,503,536, 3-5-85, Cl. 371-25.000.
Panzera, Carlino, to Johnson & Johnson Dental Products Company. Ceramic dental restorative. 4,551,099, 11-5-85, Cl. 433-212.100.
Panzera, Carlino: *See—*
Erickson, Arnold R.; Panzera, Carlino; and Tolokan, Robert P., 4,530,884, Cl. 428-608.000.
Martin, Brain; and Panzera, Carlino, 4,557,691, Cl. 433-199.100.
Wu, Jenn-Ming; Cannon, Warren R.; and Panzera, Carlino, 4,515,634, Cl. 106-35.000.
Panzner, Frank; and Evans, Brian R., to Hop Developments Limited. Extraction of plant material by using carbon dioxide. 4,554,170, 11-19-85, Cl. 426-651.000.
Paolantonio, James R.: *See—*
Rhodes, Robert B.; and Paolantonio, James R., 4,535,453, Cl. 370-110.100.
Paolantonio, Vito J.: *See—*
Stroffolino, Leon C., 4,509,420, Cl. 101-35.000.

- Paoletti, Jean-Claude, to Laboratoires Merck Sharp & Dohme Chibret. Device for preparing and dispensing a solution. 4,559,983, 12-24-85, Cl. 141-260.000.
- Paoli, Mark A., to National Semiconductor Corporation. High power thick film. 4,528,546, 7-9-85, Cl. 338-195.000.
- Paolillo, Roger E.: *See—*
  - Deveau, Paul J.; Greenberg, Paul B.; and Paolillo, Roger E., 4,513,567, Cl. 60-39.020.
- Paolini, Francis R.: *See—*
  - Blaustein, Aaron; Haas, David J.; and Paolini, Francis R., 4,530,006, Cl. 358-111.000.
- Paoluccio, John A.; and Paoluccio, Robert, to Paoluccio, John A. Lifesaving device. 4,535,765, 8-20-85, Cl. 128-203.110.
- Paoluccio, John A. Apparatus for cleaning flue gases and other gases. 4,539,916, 9-10-85, Cl. 110-203.000.
- Paoluccio, John A. Liquid dispensing apparatus. 4,541,363, 9-17-85, Cl. 119-77.000.
- Paoluccio, John A. Sediment dike apparatus and methods. 4,555,201, 11-26-85, Cl. 405-117.000.
- Paoluccio, Robert: *See—*
  - Paoluccio, John A.; and Paoluccio, Robert, 4,535,765, Cl. 128-203.110.
- Pap nee Imrenyi, Gabriella: *See—*
  - Szejtli, Jozsef; Budai, Zsuzsanna; Radvany nee Hegedus, Erzsebet; Papp, Laszlo; Kormoczy, Gyorgy; and Pap nee Imrenyi, Gabriella, 4,524,068, Cl. 514-58.000.
- Papa, Anthony J., to Union Carbide Corporation. Aldol condensation of enolizable aldehydes using a metal carboxylate catalyst. 4,528,405, 7-9-85, Cl. 568-463.000.
- Papa, Anthony J.; and Kaiser, Steven W., to Union Carbide Corporation. Preparation of isophorone and mesityl oxide from acetone. 4,535,187, 8-13-85, Cl. 568-353.000.
- Papadakis, Nicholas, to Diamond Shamrock Chemicals Company. Solid state transcutaneous blood gas sensors. 4,534,356, 8-13-85, Cl. 128-635.000.
- Papadakis, Nicholas; and Kalynchuk, Daniel G., to Diamond Shamrock Chemicals Company. pH and CO_2 sensing device and method of making the same. 4,536,274, 8-20-85, Cl. 204-433.000.
- Papadopoulos, Christos G.; and Calamur, Narasimhan, to Standard Oil Company (Indiana). Thermal cracking of hydrocarbons. 4,548,706, 10-22-85, Cl. 208-130.000.
- Papadopulos, Demetrio I.; and Spector, George. Horseshoe puzzle. 4,548,412, 10-22-85, Cl. 273-156.000.
- Papageorgiou, Vassilios P.; Bakola-Christianopoulou, Maria; and Tsipis, Constantinos A., to Research Corporation. Anti-tumor diplatinum coordination compounds. 4,560,782, 12-24-85, Cl. 556-137.000.
- Papahadjopoulous, Demetrios P.: *See—*
  - Hunt, C. Anthony; and Papahadjopoulous, Demetrios P., 4,529,561, Cl. 264-4.300.
- Papaioannou, Stamatios: *See—*
  - Hansen, Donald W., Jr.; and Papaioannou, Stamatios, 4,510,085, Cl. 260-112.50E.
- Papalexis, Gregory C.; and Elliott, Richard I. Hotdog roll slicer. 4,497,233, 2-5-85, Cl. 83-873.000.
- Papalexis, Gregory C.; and Elliott, Richard I. Hotdog roll aligner. 4,503,966, 3-12-85, Cl. 198-382.000.
- Papalos, John G.; and Sinka, Joseph V., to Diamond Shamrock Chemicals Company. Carbonaceous materials water mixtures. 4,514,189, 4-30-85, Cl. 44-51.000.
- Papamichalis, Panos E.; and Doddington, George R., to Texas Instruments Incorporated. LPC pole encoding using reduced spectral shaping polynomial. 4,536,886, 8-20-85, Cl. 381-41.000.
- Papandrea, James J.; and Wenger, John L., to Papandrea, James J. Retractable cable lock. 4,543,806, 10-1-85, Cl. 70-30.000.
- Papantoniou, Christos: *See—*
  - Guillon, Michel; Mondet, Jean; Papantoniou, Christos; and Vandenbossche, Claudine, 4,492,686, Cl. 424-61.000.
  - Jacquet, Bernard; Papantoniou, Christos; and Gaetani, Quintino, 4,545,981, Cl. 424-61.000.
- Papanu, Victor D., to Monsanto Company. Polymeric antitumor agent. 4,501,847, 2-26-85, Cl. 524-502.000.
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- Paparizos, Christos; Shout, Robert S.; and Shaw, Wilfrid G., to Standard Oil Company, The. Antimony-containing C_4 oxidation catalysts. 4,558,029, 12-10-85, Cl. 502-211.000.
- Papastavros, Demos. Turbine power plant system. 4,502,277, 3-5-85, Cl. 60-39.181.
- Papay, Andrew G.; and O'Brien, Joseph P., to Edwin Cooper, Inc. Lubricating oil compositions containing graft copolymer as viscosity index improver-dispersant. 4,505,834, 3-19-85, Cl. 252-51.50A.
- Papay, Andrew G.: *See—*
  - O'Brien, Joseph P.; and Papay, Andrew G., 4,519,929, Cl. 252-51.50A.
- Papazian, Arthur S. Electronic gas valve pulsator. 4,552,304, 11-12-85, Cl. 236-46.00F.
- Pape, Dieter; and Woerz, Hans, to Heinz Kaiser AG. Boring tool. 4,547,103, 10-15-85, Cl. 408-197.000.
- Pape, Gebhard: *See—*
  - Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.
- Pape, Peter: *See—*
  - Stewen, Wilhelm; and Pape, Peter, 4,502,922, Cl. 202-248.000.
- Papell, S. Stephen, to United States of America, National Aeronautics and Space Administration. Vortex generating flow passage design for increased film cooling effectiveness. 4,529,358, 7-16-85, Cl. 416-97.00A.
- Papenfuhs, Theodor; and Volk, Heinrich, to Hoechst Aktiengesellschaft. Process for preparing pure alkyl 1-hydroxy-2-naphthoates. 4,521,617, 6-4-85, Cl. 562-467.000.
- Papenfuhs, Theodor; and Hintzmann, Manfred, to Hoechst Aktiengesellschaft. Process for the preparation of pure 3-acetylamino-anilines. 4,540,815, 9-10-85, Cl. 564-216.000.
- Papenfuhs, Theodor: *See—*
  - Arndt, Otto; and Papenfuhs, Theodor, 4,540,832, Cl. 568-711.000.
  - Arndt, Otto; Papenfuhs, Theodor; and Tronich, Wolfgang, 4,552,970, Cl. 548-543.000.
- Paper, Calmenson & Co.: *See—*
  - Reinhardt, Paige J., 4,500,766, Cl. 219-76.100.
- Paper Converting Machine Company: *See—*
  - Bradley, John J.; and Hansen, Debra K., 4,543,141, Cl. 156-164.000.
  - Campbell, James F., 4,523,671, Cl. 198-422.000.
  - DuFresne, Allen J., 4,521,209, Cl. 493-432.000.
  - Ecker, Harold; and Spencer, Harvey J., 4,520,728, Cl. 101-248.000.
  - Johnson, Gary E.; and Van Egeren, Andrew M., 4,519,596, Cl. 270-32.000.
  - Spencer, Harvey J., 4,523,969, Cl. 156-161.000.
- Paperless Accounting, Inc.: *See—*
  - Halpern, John W., 4,499,556, Cl. 364-900.000.
- Papeteries de Jeand'heurs: *See—*
  - Bartelloni, Rene , 4,510,019, Cl. 162-141.000.
- Papez, Stanislav, to Volkswagenwerk Aktiengesellschaft. Controllable camshaft for a drive, preferably an internal combustion engine. 4,517,934, 5-21-85, Cl. 123-90.170.
- Papier-und Kunststoff-Werke Linnich GmbH: *See—*
  - Witter, Karl-Theo; Friedrich, Peter; and Strole, Ulrich, 4,533,515, Cl. 422-26.000.
- Papierfabrik Laakirchen Aktiengesellschaft: *See—*
  - Habock, Wilhelm, 4,540,091, Cl. 206-494.000.
- Papineau, Ronald I., to Unique Energy Systems, Inc. Method of generating hydrogen and using the generated hydrogen. 4,547,356, 10-15-85, Cl. 423-658.000.
- Paping, Max G.; and Goossens, Bjorn O., to Maxilin B.V. Folding caddy. 4,540,196, 9-10-85, Cl. 280-646.000.
- Papir, Yoram S., to Chevron Research Company. Electroactive polymers. 4,519,937, 5-28-85, Cl. 252-500.000.
- Papir, Yoram S., to Chevron Research Company. Electroactive polymers. 4,519,938, 5-28-85, Cl. 252-500.000.
- Papizan, John L. Fishing seat tray. 4,500,059, 2-19-85, Cl. 248-205.100.
- Papoojian, Philip M.: *See—*
  - Ward, Irl E.; and Papoojian, Philip M., 4,499,231, Cl. 524-506.000.
- Papp, Gyula: *See—*
  - Rakoczi, Jozsef; Berenyi nee Poldermann, Edit; Fekete, Bela; Szekeres, Laszlo; Papp, Gyula; and Keszthelyi nee Udvary, Eva, 4,530,923, Cl. 514-183.000.
- Papp, Istvan: *See—*
  - Bodas, Janos; Bakay, Arpad; Papp, Istvan; Palfalvi, Gyorgy; and Kovacs, Gyula, 4,538,677, Cl. 165-146.000.
- Papp, John E.; and Reed, Antony S., to Standard Precision, Inc. Ball bearing slide with removable and lockable inner slide member. 4,549,773, 10-29-85, Cl. 308-3.800.
- Papp, John E.; and Reed, Antony S., to Standard Precision, Inc. Three part ball bearing slide with lockable intermediate slide member. 4,560,212, 12-24-85, Cl. 308-3.800.
- Papp, Laszlo: *See—*
  - Kiszel, Janos; Papp, Laszlo; and Nagy, Laszlo, 4,539,984, Cl. 128-204.230.
  - Szejtli, Jozsef; Budai, Zsuzsanna; Radvany nee Hegedus, Erzsebet; Papp, Laszlo; Kormoczy, Gyorgy; and Pap nee Imrenyi, Gabriella, 4,524,068, Cl. 514-58.000.
- Papp nee Behr, Agnes: *See—*
  - Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, 4,520,018, Cl. 514-469.000.
- Papp, Robert G. Wrist and hand support device. 4,502,688, 3-5-85, Cl. 273-189.00A.
- Papp, Uwe: *See—*
  - Albrecht, Wolf-Wigand; Papp, Uwe; and Behrens, Dieter, 4,512,805, Cl. 75-244.000.
  - Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,537,641, Cl. 148-11.50P.
  - Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,548,672, Cl. 156-646.000.
- Pappano, Patrick A.: *See—*
  - Dinitz, Arthur M.; and Pappano, Patrick A., 4,528,786, Cl. 52-98.000.
- Pappas, George; and Perdios, Archimedes M. Mop holder. 4,531,251, 7-30-85, Cl. 15-147.00R.
- Pappas, Phillip M. Fail safe high limit control. 4,532,490, 7-30-85, Cl. 337-320.000.
- Pappo, Raphael: *See—*
  - Nonomura, Arthur M., and Pappo, Raphael, 4,522,814, Cl. 514-54.000.

Nysted, Leonard N.; and Pappo, Raphael, 4,540,801, Cl. 549-465.000.

Papst, Georg; Wrobel, Guenter; and Koletzki, Ulrich, to Papst-Motoren GmbH & Co. KG. Heat sink for electronic devices. 4,513,812, 4-30-85, Cl. 165-80.00B.

Papst, Georg: *See—*

Elsaesser, Dieter; von der Heide, Johann; Muller, Rolf; and Papst, Georg, 4,519,010, Cl. 360-97.000.

von der Heide, Johann; and Papst, Georg, 4,528,466, Cl. 310-12.000.

Papst-Motoren GmbH & Co. KG: *See—*

Doemen, Benno, 4,542,323, Cl. 318-254.000.

Elsaesser, Dieter; von der Heide, Johann; Muller, Rolf; and Papst, Georg, 4,519,010, Cl. 360-97.000.

Heinrich, Cap, 4,529,934, Cl. 324-173.000.

Moosmann, Helmut; and Muller, Rolf, 4,544,852, Cl. 307-519.000.

Muller, Rolf, 4,501,997, Cl. 318-254.000.

Muller, Rolf, 4,514,654, Cl. 310-216.000.

Muller, Rolf, 4,517,480, Cl. 310-68.00R.

Muller, Rolf, 4,528,483, Cl. 318-112.000.

Muller, Rolf, 4,529,918, Cl. 318-254.000.

Muller, Rolf, 4,531,079, Cl. 318-254.000.

Muller, Rolf, 4,535,275, Cl. 318-254.000.

Muller, Rolf, 4,547,714, Cl. 318-254.000.

Muller, Rolf, 4,554,473, Cl. 310-67.00R.

Papst, Georg; Wrobel, Guenter; and Koletzki, Ulrich, 4,513,812, Cl. 165-80.00B.

Schmider, Fritz, 4,501,983, Cl. 310-113.000.

Schuh, Bernhard, 4,535,373, Cl. 360-97.000.

von der Heide, Johann; and Schuh, Bernhard, 4,497,002, Cl. 360-97.000.

von der Heide, Johann; and Papst, Georg, 4,528,466, Cl. 310-12.000.

von der Heide, Johann, 4,556,829, Cl. 318-254.000.

Papuchon, Michel; Arditty, Herve; and Puech, Claude, to Thomson-CSF. Interferometer device for measurement of magnetic fields and electric current pickup comprising a device of this kind. 4,560,867, 12-24-85, Cl. 250-225.000.

Papuga, Donald M.: *See—*

Matzner, Markus; and Papuga, Donald M., 4,536,543, Cl. 525-68.000.

Matzner, Markus; and Papuga, Donald M., 4,536,544, Cl. 525-68.000.

Matzner, Markus; and Papuga, Donald M., 4,540,748, Cl. 525-420.000.

Papworth, David B.: *See—*

Rodman, Paul K.; Ardini, Joseph L., Jr.; and Papworth, David B., 4,561,051, Cl. 364-200.000.

Papyrus Kopparfors AB: *See—*

Ericsson, Thomas; Gylfe, Sten; and Hedblom, Mats-Olov, 4,519,918, Cl. 210-680.000.

Ericsson, Thomas, 4,537,877, Cl. 502-402.000.

Paques, Gerardus H. F., to Multinorm B.V. Silage distributor movable by means of a vehicle. 4,531,880, 7-30-85, Cl. 414-473.000.

Par-Way Manufacturing Co.: *See—*

Hanson, Harold W., Jr., 4,493,442, Cl. 222-241.000.

Para-Flite, Inc.: *See—*

Puskas, Elek, 4,557,439, Cl. 244-63.000.

Paradis, Joseph R. Suction canister with corrugated adjustable suction inlet. 4,507,120, 3-26-85, Cl. 604-320.000.

Paradis, Joseph R., to Dennison Manufacturing Company. Installation tool. 4,548,242, 10-22-85, Cl. 140-123.600.

Paradis, Joseph R. Tamper resistant closures. 4,553,683, 11-19-85, Cl. 220-266.000.

Paradis, Joseph R., to Dennison Manufacturing Company. Filament fastener with locking head. 4,559,676, 12-24-85, Cl. 24-16.0PB.

Paradis, Prudent R. Wood stove. 4,506,651, 3-26-85, Cl. 126-4.000.

Paradis, Robert C., to Fiat Products Incorporated. Sectional modular shower cabinets and method and apparatus for making and installing them. 4,553,276, 11-19-85, Cl. 4-612.000.

Paradis, Roland C., to Perkin-Elmer Corporation, The. Solvent pressurization system. 4,541,452, 9-17-85, Cl. 137-209.000.

Paradowski, Henri; and Leroux, Didier, to Compagnie Francaise d'Etudes et de Construction "Technip" . Method and apparatus for cooling and liquefying at least one gas with a low boiling point, such as for example natural gas. 4,539,028, 9-3-85, Cl. 62-9.000.

Paradyne Corporation: *See—*

Armstrong, Thomas R., 4,516,216, Cl. 364-514.000.

Armstrong, Thomas R., 4,558,317, Cl. 340-825.060.

Betts, William; and Smith, Wesley H., 4,517,680, Cl. 375-75.000.

Betts, William L.; and Martinez, Kenneth, 4,534,036, Cl. 375-10.000.

Bremer, Gordon; and Wachtel, Robert, 4,503,545, Cl. 375-34.000.

Bremer, Gordon; and Betts, William L., 4,509,171, Cl. 370-100.000.

Bremer, Gordon; Betts, William L.; and Greene, Robert T., 4,525,846, Cl. 375-39.000.

Bremer, Gordon, 4,525,847, Cl. 375-59.000.

Bremer, Gordon; Betts, William; and Martinez, Kenneth, 4,532,640, Cl. 375-120.000.

Martinez, Kenneth; and Betts, William L., 4,534,026, Cl. 370-100.000.

Sandberg, Terrel W.; and Bottoms, Stanley, 4,535,452, Cl. 370-100.000.

Paradysz, Jean M.: *See—*

Milford, Edgar L.; Carpenter, Charles B.; and Paradysz, Jean M., 4,517,289, Cl. 435-7.000.

Paragon Optical, Inc.: *See—*

Ratkowski, Donald J.; and Lue, Ping-Chang, 4,535,138, Cl. 526-279.000.

Paraid Limited: *See—*

Lemarie, Romeo, 4,538,826, Cl. 280-242.0WC.

Paralyzed Veterans of America: *See—*

Hunter, Kelvin H., Jr., 4,559,659, Cl. 14-71.300.

ParaMagnetic Logging, Inc.: *See—*

Vail, William B., III, 4,528,508, Cl. 324-303.000.

Paramount Glass Mfg., Co., Ltd.: *See—*

Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, 4,532,105, Cl. 420-451.000.

Paramount Industrial Companies, Inc.: *See—*

Diamonstein, Arthur, 4,535,494, Cl. 5-400.000.

Paramount Packaging Corporation: *See—*

Peppiatt, Harry R.; and Thomas, John S., 4,550,439, Cl. 383-8.000.

Paranicas, Peter C., to LVC Industries, Inc. Matrix slide switch. 4,518,834, 5-21-85, Cl. 200-16.00D.

Paranjpe, Suresh C.; and McJohnson, Robert B., to Mead Corporation, The. Ink jet printer control circuit and method. 4,510,503, 4-9-85, Cl. 346-75.000.

Paranjpe, Suresh C., to Mead Corporation, The. Ink jet printer with secondary, cyclically varying deflection field. 4,544,930, 10-1-85, Cl. 346-75.000.

Paraskevopoulos, Demetris E., to Xerox Corporation. Toner concentration sensor. 4,551,004, 11-5-85, Cl. 355-3.0DD.

Parcell, Lloyd J.: *See—*

Rowe, Edward H.; and Parcell, Lloyd J., 4,510,057, Cl. 210-612.000.

Parcevaux, Philippe A.; Piot, Bernard M.; and Vercaemer, Claude J., to Etudes et Fabrication Dowell Schlumberger. Cement compositions for cementing wells, allowing pressure gas-channeling in the cemented annulus to be controlled. 4,537,918, 8-27-85, Cl. 523-130.000.

Pardee, James A., to Warner Electric Brake & Clutch Company. Electromagnetically released coupling. 4,496,922, 1-29-85, Cl. 335-281.000.

Pardes, Greg: *See—*

Berger, Richard F.; and Pardes, Greg, 4,526,296, Cl. 222-107.000.

Pardini, Franco P.; and De Vizzi, Francesco, to General Electric Company. Arc motivating assembly for circuit breakers. 4,492,836, 1-8-85, Cl. 200-144.00R.

Pardini, Franco P., to General Electric Company. Current limiting circuit-breaker having an improved contact arrangement. 4,507,527, 3-26-85, Cl. 200-145.000.

Pardini, John A.; Brubaker, Robert C.; and Rusnak, John J., to United States of America, Energy. Sealing coupling. 4,515,750, 5-7-85, Cl. 376-446.000.

Pardini, Ronald S.: *See—*

Parkhurst, Robert M.; and Pardini, Ronald S., 4,562,298, Cl. 568-644.000.

Pardo, Warren A., to Duckett, Robert C., a part interest. Pressure cooker lid latch and lock. 4,498,695, 2-12-85, Cl. 292-260.000.

Pardoe, Beverley H.: *See—*

Hamer, Arthur; and Pardoe, Beverley H., 4,496,884, Cl. 318-114.000.

Pardoe, Raymond. Shear apparatus. 4,543,719, 10-1-85, Cl. 30-134.000.

Pardon, David W.: *See—*

Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.

Pardue, E. Forrest: *See—*

Canada, Ronald G.; Piety, Kenneth R.; Simpson, Daniel G.; and Pardue, E. Forrest, 4,520,674, Cl. 73-660.000.

Pardue, Jerry E.: *See—*

Shaw, James E.; and Pardue, Jerry E., 4,561,501, Cl. 166-273.000.

Pare, Girard F., to Donahue, Daniel J. Fire sprinkler. 4,506,737, 3-26-85, Cl. 169-19.000.

Paredes, Candelario; and Stevens, William D., to Forney Engineering Company. Burner monitoring system. 4,520,390, 5-28-85, Cl. 358-108.000.

Parein, Eric W. Method of making a book of matches. 4,525,981, 7-2-85, Cl. 53-395.000.

Pareja, Ramon, to Lear Siegler, Inc. Pump with ring retained floating wrist pins and connecting rods. 4,498,372, 2-12-85, Cl. 92-187.000.

Parekh, Bhupendra: *See—*

Muralidhara, Harapanahalli; Parekh, Bhupendra; and Senapati, Nagabhusan, 4,561,953, Cl. 204-182.300.

Parekh, Dhan N., to Carborundum Abrasives Company. Coated abrasive product containing hollow microspheres beneath the abrasive grain. 4,543,106, 9-24-85, Cl. 51-295.000.

Parekh, Girish G., to American Cyanamid Company. Thermosetting polyurethane compositions. 4,543,276, 9-24-85, Cl. 427-388.300.

Parekh, Girish G.: *See—*

Blank, Werner J.; and Parekh, Girish G., 4,520,167, Cl. 525-131.000.

Parent, Christopher A.; and Ferry, William R., to United Innovations div. of United Engineers, Inc. Calendar. 4,531,314, 7-30-85, Cl. 40-119.000.

Parent, Guy: *See—*

Odero, Dominique; and Parent, Guy, 4,493,064, Cl. 367-92.000.

Parent, Pierre: *See—*

Petetrot, Jean-Francois; and Parent, Pierre, 4,505,873, Cl. 376-216.000.

Parente, Jerry. Sliding door system. 4,503,637, 3-12-85, Cl. 49-141.000.

Parfomak, Walter: *See—*

Ficken, William; Sears, Jerome; and Parfomak, Walter, 4,492,902, Cl. 318-254.000.

Parfree, Colin S.; and Worthington, Peter, to International Standard Electric Corporation. Cable strain monitoring. 4,506,948, 3-26-85, Cl. 350-96.230.
Parfums Christian Dior: *See—*
  Redziniak, Gerard; and Meybeck, Alain, 4,508,703, Cl. 424-38.000.
Parg, Adolf; Hamprecht, Gerhard; and Wuerzer, Bruno, to BASF Aktiengesellschaft. 1,3,5-triazinones and their use for controlling undesirable plant growth. 4,512,797, 4-23-85, Cl. 71-93.000.
Parg, Adolf; Hamprecht, Gerhard; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Herbicidal diphenyl ethers, their preparation and their use as herbicides. 4,523,034, 6-11-85, Cl. 564-79.000.
Parg, Adolf; Wuerzer, Bruno; and Hamprecht, Gerhard, to BASF Aktiengesellschaft. Substituted 4,5-dimethoxypyridazones and their use for controlling undesirable plant growth. 4,523,946, 6-18-85, Cl. 71-092.000.
Parg, Adolf; Ziegler, Hans; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Herbicidal diphenyl ethers and their use for controlling undesirable plant growth. 4,537,621, 8-27-85, Cl. 71-103.000.
Parg, Adolf: *See—*
  Acker, Rolf-Dieter; Parg, Adolf; and Wuerzer, Bruno, 4,508,915, Cl. 556-418.000.
Parham, Fred, to Deflecta-Shield Corporation. Heat reclaimer. 4,509,588, 4-9-85, Cl. 165-80.00R.
Parham, Walter J., Jr. Control and guidance apparatus for use with powered tools. 4,516,453, 5-14-85, Cl. 83-471.300.
Pari-Symac: *See—*
  Duchadeau, Pierre, 4,496,086, Cl. 222-412.000.
Pariani, Emilio, to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Device for controlling cyclic and collective pitch of a helicopter rotor. 4,538,961, 9-3-85, Cl. 416-114.000.
Pariani, Emilio, to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Helicopter rotor. 4,540,340, 9-10-85, Cl. 416-145.000.
Pariani, Emilio, to Costruzioni Aeronautiche Giovanni Agusta S.p.A. Helicopter rotor. 4,549,851, 10-29-85, Cl. 416-140.000.
Parichkova, Rina G.: *See—*
  Futekov, Lyubomir P.; Bekyarov, Georgi L.; and Parichkova, Rina G., 4,494,871, Cl. 356-315.000.
Parikh, Kamal I., to GTE Automatic Electric Laboratories Incorporated. Cross-copy arrangement for synchronizing error detection clock signals in a duplex digital system. 4,551,836, 11-5-85, Cl. 371-1.000.
Parikh, Kamal I.: *See—*
  Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,520,478, Cl. 370-63.000.
  Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,441, Cl. 370-63.000.
  Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,442, Cl. 370-63.000.
  Simmons, Nathaniel; and Parikh, Kamal I., 4,525,831, Cl. 370-63.000.
Parikh, Mihir: *See—*
  Tullis, Barclay J.; Parikh, Mihir; Thrasher, David L.; and Johnston, Mark E., 4,532,970, Cl. 141-98.000.
Parikh, Niranjan M.: *See—*
  Bauer, Carl F.; Hussey, James H.; Langston, Benny; and Parikh, Niranjan M., 4,501,614, Cl. 75-257.000.
Parikh, Shyam C.: *See—*
  Hinlein, Sigmund; and Parikh, Shyam C., 4,503,530, Cl. 369-270.000.
Parini, Ettore: *See—*
  Giani, Roberto; Parini, Ettore; and Tonon, Giancarlo, 4,556,653, Cl. 514-220.000.
Paris, Jacques: *See—*
  Angelie, Christian; Cauchetier, Michel; and Paris, Jacques, 4,505,791, Cl. 204-157.10R.
Paris, Jay E.: *See—*
  MacPherson, David B.; Paris, Jay E.; Foley, Robert W.; Greinier, Martin W.; and Pulsifer, David N., 4,516,281, Cl. 4-319.000.
Paris, Jean: *See—*
  Morell, Joseph; Paris, Jean; and Petrini, Roland, 4,551,933, Cl. 36-120.000.
Paris, John. Unit-soled shoe. 4,551,929, 11-12-85, Cl. 36-11.000.
Parisch, Jochen: *See—*
  Gallitzendorfer, Joseph; Pfeiffer, Peter; Tomforde, Johann; Parisch, Jochen; and Zweigart, Gerhard, 4,518,197, Cl. 296-213.000.
Parisel, Christian A. F.: *See—*
  Bezard, Jean-Yves L. N.; Brocard, Jean-Marie; and Parisel, Christian A. F., 4,561,470, Cl. 137-625.610.
Parish, James M., to B. F. Goodrich Company, The. Method and apparatus for releasing a submerged life raft. 4,499,844, 2-19-85, Cl. 114-367.000.
Parish, Mark G.; and Rulseh, Roy M., to Aqua-Chem, Inc. Dual cannister gas housing. 4,519,773, 5-28-85, Cl. 431-176.000.
Parisheva, Snejana G. Preparation for treating gum disease. 4,495,171, 1-22-85, Cl. 424-58.000.
Parisi, David A.: *See—*
  Tezucar, Okan K.; and Parisi, David A., 4,533,913, Cl. 340-805.000.
Parisi, Ettore, to Fiat Auto S.p.A. Fuse carrier unit for motor vehicles. 4,547,007, 10-15-85, Cl. 292-84.000.
Parisi, Graziano: *See—*
  Schwab, Erwin; Parisi, Graziano; and Pander, Peter, 4,551,289, Cl. 264-23.000.
Parisoe, Leon F.: *See—*
  Young, William R.; and Parisoe, Leon F., 4,559,608, Cl. 364-786.000.
Parizet, Roger, to Compagnie Industrielle de Mecanismes. Gear drive device and the application thereof in a window winder of an automobile vehicle. 4,495,827, 1-29-85, Cl. 74-89.180.
Parizet, Roger, to Compagnie Industrielle de Mecanismes. Section-member for a slideway for correcting the orientation of a seat, its method of manufacture and the slideway comprising said section-member. 4,534,532, 8-13-85, Cl. 248-371.000.
Park, Arthur; and Wilson, Bob T., to Diamond Oil Well Drilling. Sponge coring apparatus with reinforced sponge. 4,502,553, 3-5-85, Cl. 175-59.000.
Park, Brian: *See—*
  Minshall, Michael; Park, Brian; Etchegoyen, Carlos; and Babrovniczky, Bert, 4,558,687, Cl. 126-59.000.
Park Chemical Company: *See—*
  Foreman, Robert W., 4,491,523, Cl. 210-728.000.
  Wesala, Robert J., 4,491,607, Cl. 427-135.000.
Park, Chung P., to Dow Chemical Company, The. Process for producing dimensionally stable polyolefin foams using environmentally acceptable blowing agent systems. 4,528,300, 7-9-85, Cl. 521-79.000.
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  Park, Sea C.; and Park, In P., 4,561,557, Cl. 220-90.200.
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Park, Joonmin: *See—*
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  Pfaffmann, George D.; and Mucha, George M., 4,531,987, Cl. 148-150.000.
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  Hawk, Theodore L., 4,541,661, Cl. 293-117.000.
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  Schlough, Thomas L., 4,541,405, Cl. 125-23.00R.
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  Ochi, Akira; and Asada, Toshihiko, 4,540,063, Cl. 181-135.000.
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  Moessner, Gerhard, 4,548,051, Cl. 62-320.000.
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Parker, Barry R.: *See—*
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Parker, Charles A., to Ingersoll-Rand Company. Oil pressure control system. 4,526,523, 7-2-85, Cl. 418-84.000.
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  Hacias, Kenneth J., 4,539,051, Cl. 148-6.15Z.
  Higgins, George L., 4,509,992, Cl. 148-6.270.
  Jorns, Peter; Meyer, Norbert; Rausch, Werner; Rothkegel, Josef; Luckhardt, Gunther; and Volling, Gudrun, 4,559,087, Cl. 148-6.15Z.
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  King, Peter F., 4,496,404, Cl. 148-6.14R.
  Kojima, Ryuji; and Yazaki, Akiko, 4,533,639, Cl. 436-2.000.
  Lindert, Andreas, 4,517,028, Cl. 148-6.14R.
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  Murphy, Donald P., 4,496,374, Cl. 55-84.000.
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Parker, Dane K.: *See—*
  Patterson, Dennis B.; Parker, Dane K.; and Hess, Lloyd D., Jr., 4,521,574, Cl. 526-204.000.
Parker, Darrell S.: *See—*
  Anderson, Noel E.; Fletcher, Donald E.; Smagula, Michael S.; and Parker, Darrell S., 4,554,169, Cl. 426-576.000.
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  Warwick, Edward H.; and Parker, Donald L., 4,531,276, Cl. 29-417.000.
  Warwick, Edward H.; and Parker, Donald L., 4,553,650, Cl. 192-4.00A.
Parker, Donald W., to Cilco, Inc. Laser blocking shutter. 4,524,271, 6-18-85, Cl. 250-233.000.
Parker, Edward: *See—*
  Parker, Jeffrey L.; and Parker, Edward, 4,530,395, Cl. 165-16.000.
Parker Electronics, Inc.: *See—*
  Parker, Jeffrey L.; and Parker, Edward, 4,530,395, Cl. 165-16.000.
Parker, Eli H. Blade height calibration device. 4,519,142, 5-28-85, Cl. 33-185.00R.
Parker, Frederick D., to United Technologies Corporation. Cutting tool having cylindrical ceramic insert. 4,552,491, 11-12-85, Cl. 407-107.000.
Parker, Gary F., to Cooperheat. Heat treatment method and apparatus. 4,515,559, 5-7-85, Cl. 432-10.000.
Parker, Glenn T.: *See—*
  Smith, Jon D.; and Parker, Glenn T., 4,491,447, Cl. 411-15.000.
Parker, Gregory H. Insulated window cover apparatus. 4,513,548, 4-30-85, Cl. 52-202.000.
Parker-Hannifin Corporation: *See—*
  Burge, Donald G., 4,534,379, Cl. 137-385.000.
  Johnson, Lyle R.; and Herzan, Eugene H., 4,543,994, Cl. 137-614.040.
  Jurkovic, Paul J.; and Burrington, George C., 4,527,414, Cl. 72-402.000.
  Kenyon, Richard L.; and Kempton, Calvin E., 4,524,906, Cl. 236-12.110.
  Kimmelman, Samuel, 4,523,797, Cl. 339-147.00R.
  Lindsey, Charles T., 4,560,967, Cl. 335-262.000.
  Middlekauff, Carle A., 4,545,748, Cl. 418-61.00B.
  Miller, William P.; and Shah, Atul, 4,522,435, Cl. 285-256.000.
  Schaub, Erwin L., 4,492,393, Cl. 285-236.000.
  Schwitters, Brian M., 4,532,835, Cl. 81-128.000.
  Sharp, Bernard C., 4,503,580, Cl. 15-250.320.
  Sharp, Bernard C., 4,504,116, Cl. 350-637.000.
  Sharp, Bernard C., 4,549,791, Cl. 350-632.000.
  Sheng, Shih Y.; and York, Ray A., 4,525,695, Cl. 335-262.000.
  Stevens, Curtis E., 4,538,633, Cl. 137-85.000.
  Viola, Frank J.; Schaub, Erwin L.; and Burke, Lawrence H., 4,504,816, Cl. 337-255.000.
  Viola, Frank J.; and Scaduto, Anthony, 4,506,418, Cl. 24-277.000.
  Viola, Frank J.; Schaub, Erwin L.; Sharp, Bernard C.; and Evans, Raymond J., 4,558,994, Cl. 417-295.000.
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  Massey, Roger G.; and Holloway, David G., 4,559,966, Cl. 137-270.000.
Parker, Harry A., to Transfer Print Foils, Inc. Gloss black metalized product and method of preparation. 4,535,024, 8-13-85, Cl. 428-200.000.
Parker, Hugh M. Tubeless tire bead seater and method of employing the same. 4,498,516, 2-12-85, Cl. 157-1.100.
Parker, James G. Front suspension system for a motorcycle. 4,526,249, 7-2-85, Cl. 180-219.000.
Parker, James J. Head rest attachment. 4,527,833, 7-9-85, Cl. 297-397.000.
Parker, James P.: *See—*
  Harris, Robert D., Jr.; Parker, James P.; and King, Charles L., 4,552.603, Cl. 156-167.000.
Parker, James T., II: *See—*
  Graham, Frank C.; and Parker, James T., II, 4,534,384, Cl. 137-899.200.
Parker, Jeffrey L.; and Parker, Edward, to Parker Electronics, Inc. Single zone HVAC controlled for operation in multiple zone arrangement. 4,530,395, 7-23-85, Cl. 165-16.000.
Parker, John A.; Heimbuch, Alvin H.; Hsu, Ming-Ta S.; and Chen, Timothy S., to United States of America, National Aeronautics and Space Administration. Copolymers of vinyl styrylpyridines or vinyl stilbazoles with bismaleimide. 4,526,925, 7-2-85, Cl. 524-548.000.
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  Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., 4,522,755, Cl. 260-245.750.
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  Kumar, Devendra; Fohlen, George M.; and Parker, John A., 4,550,177, Cl. 548-413.000.
  Varma, Indra K.; Fohlen, George M.; and Parker, John A., 4,496,701, Cl. 526-262.000.
Parker, John C.; and Blake, James A. Velocity measurement. 4,516,851, 5-14-85, Cl. 356-28.000.
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Parker, John J.: *See—*
  Fouss, James L.; Parker, John J.; Child, James L., Jr.; and Sting, Donald W., 4,523,613, Cl. 138-121.000.
Parker, Keith E.: *See—*
  Plaas, Jon R.; Parker, Keith E.; Keiser, James D.; and Johnson, Elmer C., Jr., 4,551,139, Cl. 604-290.000.
Parker, Kevin P. Adhesive binding strip. 4,496,617, 1-29-85, Cl. 428-55.000.

- Parker, Lanny L., to Motorola, Inc. Active pull-up circuit. 4,491,741, 1-1-85, Cl. 307-200.00B.
- Parker, Lanny L., to Codex Corporation. High speed drive circuit. 4,553,043, 11-12-85, Cl. 307-270.000.
- Parker, Larry J.: *See—*
  - Saxman, William C.; and Parker, Larry J., 4,509,607, Cl. 175-227.000.
- Parker, Leon; and Campman, Arthur R., to Hitco. Three-dimensional thick fabrics and methods and apparatus for making same. 4,506,611, 3-26-85, Cl. 112-79.00R.
- Parker, Leslie L. Device for manipulating invalid bed patients. 4,536,903, 8-27-85, Cl. 5-61.000.
- Parker Manufacturing Company: *See—*
  - Ewig, John F., 4,491,262, Cl. 227-131.000.
  - Weiss, Harold, 4,492,880, Cl. 307-252.00N.
- Parker, Marshall M.: *See—*
  - Seitz, Charles L.; Grunewald, Paul; Parker, Marshall M.; and Stafford, Irvin G., 4,513,278, Cl. 340-347.0DA.
- Parker, Merle A.; Rice, George F.; and Patrick, Stanley S., to Westinghouse Electric Corp. Nuclear fuel rod end plug weld inspection. 4,554,128, 11-19-85, Cl. 376-252.000.
- Parker, Michael S. Controlled rocking action furniture. 4,534,591, 8-13-85, Cl. 297-270.000.
- Parker, Norman W., to Motorola, Inc. Baseband discriminator for frequency or transform modulation. 4,499,426, 2-12-85, Cl. 329-50.000.
- Parker, Norman W., to Motorola, Inc. Cosine signal correction circuit. 4,509,135, 4-2-85, Cl. 364-826.000.
- Parker, Norman W., to Motorola, Inc. Transform modulation system. 4,525,862, 6-25-85, Cl. 455-47.000.
- Parker, Norman W.: *See—*
  - Ward, James W.; Schlanger, Herbert; McNulty, Hugh, Jr.; and Parker, Norman W., 4,556,794, Cl. 250-309.000.
- Parker, Paul: *See—*
  - Vanderminden, Robert D.; and Parker, Paul, 4,514,009, Cl. 297-27.000.
- Parker Pen Company, The: *See—*
  - Booker, Brian A. J., 4,506,426, Cl. 29-413.000.
  - Wacha, Martin E.; and Digney, Jerry W., 4,529,328, Cl. 401-117.000.
- Parker Pest Control: *See—*
  - Parker, Richard L.; Swords, Richard J.; and Griffin, Larry E., 4,553,698, Cl. 239-3.000.
- Parker, Philip: *See—*
  - Jackson, Brian L.; and Parker, Philip, 4,495,844, Cl. 83-715.000.
- Parker-Pradifa GmbH: *See—*
  - Horl, Ernst, 4,504,066, Cl. 277-84.000.
- Parker, Ray A., Jr., to Phillips Petroleum Company. Method for the recovery of thermoplastic from piping for reprocessing. 4,499,037, 2-12-85, Cl. 264-37.000.
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- Parker, Richard W. Wireline oil pan. 4,542,787, 9-24-85, Cl. 166-84.000.
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- Parker, Ronald J. Portable combination tent and backpack. 4,526,307, 7-2-85, Cl. 224-154.000.
- Parker, Samuel S.; Marshall, Charles W.; and Money, Durward G., to Parker Tobacco Company, Inc. Method of improving the handling of tobacco. 4,524,683, 6-25-85, Cl. 100-3.000.
- Parker, Stephen R.: *See—*
  - Tobery, Edward W.; and Parker, Stephen R., 4,527,397, Cl. 60-757.000.
- Parker Tobacco Company, Inc.: *See—*
  - Parker, Samuel S.; Marshall, Charles W.; and Money, Durward G., 4,524,683, Cl. 100-3.000.
- Parker, Tony E.; and Veneski, Gerard A., to International Business Machines Corporation. Microcode control mechanism utilizing programmable microcode repeat counter. 4,556,938, 12-3-85, Cl. 364-200.000.
- Parker, Vernon L.: *See—*
  - Laush, Frank I.; and Parker, Vernon L., 4,523,933, Cl. 55-97.000.
- Parker, William H., to Del Norte Technology, Inc. Self monitoring intruder detecting system of noise-cancelling vibration detectors. 4,536,753, 8-20-85, Cl. 340-566.000.
- Parker, William L.: *See—*
  - Sykes, Richard B.; and Parker, William L., 4,503,218, Cl. 549-320.000.
  - Sykes, Richard B.; Parker, William L.; Cimarusti, Christopher M.; Koster, William H.; and Slusarchyk, William A., 4,529,698, Cl. 435-121.000.
- Parkes, Larry S.: *See—*
  - Godfrey, Noel R.; Parkes, Larry S.; and Treacy, Richard H., 4,494,050, Cl. 318-158.000.
- Parkes, Richard B., to National Drying Machinery Co. Water type blancher. 4,525,370, 6-25-85, Cl. 426-508.000.
- Parkhouse, Alan: *See—*
  - Kerner, Dieter; Kleinschmit, Peter; Parkhouse, Alan; and Wolff, Siegfried, 4,514,231, Cl. 106-309.000.
- Parkhurst, Robert M.; and Pardini, Ronald S., to Chemex Pharmaceuticals, Inc. Optically active nordihydroguaiaretic acid and intermediates. 4,562,298, 12-31-85, Cl. 568-644.000.
- Parkhurst, Warren E.; and Moser, David. Method for cleaning a corrosion protection anode. 4,525,263, 6-25-85, Cl. 204-196.000.
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- Parkin, Robert L. Ceiling mounting assembly. 4,518,141, 5-21-85, Cl. 248-546.000.
- Parkins, William E. Power generation from wind. 4,496,846, 1-29-85, Cl. 290-44.000.
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- Parkinson, Colin C. A.; and Kinnerly, Anthony G., to British Aerospace Public Limited Company. Power plant attachment arrangements for aircraft wings. 4,560,122, 12-24-85, Cl. 244-54.000.
- Parkinson, Dean B.; and Bergren, Orton D., to Computer Identification Systems, Inc. Identification card with heat reactive coating. 4,519,632, 5-28-85, Cl. 283-75.000.
- Parkinson, Dean B., to Computer Identification Systems, Inc. Identification card with a radiant energy reactive coating. 4,544,183, 10-1-85, Cl. 283-85.000.
- Parkinson, Delbert J., to Parkinson, Delbert J.; and Haefliger, William W., a part interest. Record jacket frame permitting record removal. 4,536,979, 8-27-85, Cl. 40-159.000.
- Parkinson, Francis J., to British Nuclear Fuels plc. Pumping system. 4,521,162, 6-4-85, Cl. 417-138.000.
- Parkinson, Gerald E.: *See—*
  - Pryputsch, Gunter G.; Leila, Lennox M.; Parkinson, Gerald E.; and Arneson, Leonard A., 4,503,760, Cl. 99-447.000.
- Parkinson, Kenneth: *See—*
  - Kennedy, Peter; and Parkinson, Kenneth, 4,536,449, Cl. 428-408.000.
- Parkinson, Martin C. Method and apparatus for continuous freeze drying. 4,561,191, 12-31-85, Cl. 34-5.000.
- Parkinson, Richard W., to Redken Laboratories, Inc. Cosmetic preparation. 4,518,614, 5-21-85, Cl. 514-2.000.
- Parkinson, Truman D.: *See—*
  - Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., 4,535,941, Cl. 241-21.000.
- Parkinson, Ward: *See—*
  - Philofsky, Elliott; Parkinson, Ward; and Wilson, Dennis, 4,527,185, Cl. 357-70.000.
- Parks, Armond O. Ring sizing insert. 4,538,430, 9-3-85, Cl. 63-15.600.
- Parks, Bennie L.: *See—*
  - Bennett, William T.; and Parks, Bennie L., 4,507,535, Cl. 219-121.0LL.
- Parks, Beryl H.: *See—*
  - Radford, Kenneth C.; Keller, Herbert W.; Parks, Beryl H.; and Fuller, Robert R., 4,560,462, Cl. 204-298.000.
- Parks, Christ F.; and Nimerick, Kenneth H., to Dow Chemical Company, The. Method for reducing the strength of ice. 4,501,775, 2-26-85, Cl. 427-220.000.
- Parks-Cramer Company: *See—*
  - Lamb, Joseph T., 4,506,498, Cl. 57-87.000.
- Parks, David R.; Bryan, Virginia M.; and Herzenberg, Leonard A., to Leland Stanford Junior University, The Board of Trustees of the. Cell labeling with antigen-coupled microspheres. 4,510,244, 4-9-85, Cl. 435-172.200.
- Parks, Gerald: *See—*
  - Gregory, John R.; Parks, Gerald; and Dondero, John D., 4,516,273, Cl. 2-2.000.
- Parks, James A.; and Plattner, Jacob J., to Abbott Laboratories. 3-alkyl-8-chloro-5,6-dihydrofuro-[3,2-f]-1,2-benzisoxazole-6-carboxylic acids. 4,560,558, 12-24-85, Cl. 514-379.000.
- Parks, James D.; Moss, Charles A.; and Dyer, Kermit W., to Labconco Corporation. Laboratory fume hood. 4,534,281, 8-13-85, Cl. 98-115.300.
- Parks, John M.: *See—*
  - Brown, William J.; and Parks, John M., 4,542,924, Cl. 292-87.000.
- Parks, John R.; Carr, David R.; and Fox, Peter F., to Quest Automation Public Limited Company. Apparatus for signature verification. 4,495,644, 1-22-85, Cl. 382-3.000.
- Parks, Kevin B.; Jordan, David D.; and Taig, Alistair G., to Allied Corporation. Universal joint with clearance elimination elements. 4,553,949, 11-19-85, Cl. 464-153.000.
- Parks, Ralph P., Jr.: *See—*
  - Roche, William J.; and Parks, Ralph P., Jr., 4,553,067, Cl. 313-546.000.
- Parks, Ronald L.: *See—*
  - Sensabaugh, Andrew J., Jr.; Parks, Ronald L.; and Marsh, Arvol C., Jr., 4,528,993, Cl. 131-290.000.
- Parks, Steven G.: *See—*
  - Holcombe, Robert R.; Parks, Steven G.; and Brogan, Patrick M., 4,542,708, Cl. 114-243.000.
- Parks, Thomas W.; and Morris, Charles F., Jr., to Schlumberger Technology Corporation. Method and apparatus for determining acoustic wave parameters from acoustic well logging waveforms. 4,562,557, 12-31-85, Cl. 367-27.000.
- Parkyn, William A.; Ladd, Horace W.; and Mellon, Andrew M. Solar collector having tank and glazing construction. 4,520,795, 6-4-85, Cl. 126-443.000.
- Parlato, Frank. Pocket ball game. 4,542,904, 9-24-85, Cl. 273-116.000.
- Parlec, Inc.: *See—*
  - Steiner, Rudolph, 4,532,716, Cl. 33-201.000
- Parlex Corporation: *See—*
  - Rich, Donald S., 4,551,576, Cl. 174-36.000.

Parliment, Thomas H., to General Foods Corporation. Flavoring with 2-mercaptoalkyl oxathiolanes and oxathianes. 4,496,600, 1-29-85, Cl. 426-535.000.

Parliment, Thomas H.: *See—*
- Zanno, Paul R.; Parliment, Thomas H.; Soukup, Robert J.: and McNaught, Richard P., 4,493,852, Cl. 426-535.000.
- Zanno, Paul R.; and Parliment, Thomas H., 4,534,988, Cl. 426-535.000.

Parlman, Robert M.; and Kimble, James B., to Phillips Petroleum Company. Trithiocarbonates as ore flotation agents. 4,504,384, 3-12-85, Cl. 209-166.000.

Parlman, Robert M.; Bresson, Clarence R.; and Young, Tommy L., to Phillips Petroleum Company. Metal trithiocarbonates as depressants. 4,510,050, 4-9-85, Cl. 209-167.000.

Parlman, Robert M.; and Bresson, Clarence R. Ore flotation with combined collectors. 4,521,300, 6-4-85, Cl. 209-166.000.

Parlman, Robert M.; and Selman, Charles M. Polymerization using benzenediazonium tetrafluoroborate/titanium tetrahalide-based catalysts. 4,530,982, 7-23-85, Cl. 526-115.000.

Parlman, Robert M.; and Bresson, Clarence R., to Phillips Petroleum Company. Ore flotation with combined collectors. 4,534,857, 8-13-85, Cl. 209-166.000.

Parlman, Robert M.: *See—*
- Bresson, Clarence R.; Robles, Benjamin R.; and Parlman, Robert M., 4,533,466, Cl. 209-167.000.
- Bresson, Clarence R.; and Parlman, Robert M., 4,556,500, Cl. 252-61.000.
- Bresson, Clarence R.; Parlman, Robert M.; and Kimble, James B., 4,561,984, Cl. 252-61.000.

Parma Corporation: *See—*
- Rogers, Walter C., Jr., 4,494,793, Cl. 297-85.000.
- Rogers, Walter C., Jr., 4,519,647, Cl. 297-85.000.
- Rogers, Walter C., Jr., 4,531,778, Cl. 297-85.000.
- Rogers, Walter C., Jr., 4,536,029, Cl. 297-281.000.
- Rogers, Walter C., Jr., 4,544,201, Cl. 297-271.000.

Parma, Giovanni; and Bartolomucci, Francesco, to Fiat Auto S.p.A.; and Midis S.a.s. di Francesco Bartolomucci. Floor cleaning apparatus. 4,527,739, 7-9-85, Cl. 239-186.000.

Parma, John. Apparatus for reducing contaminants in gas containing products of combustion. 4,529,421, 7-16-85, Cl. 55-228.000.

Parman, David G.: *See—*
- Weitzel, Harold B.; and Parman, David G., 4,532,375, Cl. 174-107.000.

Parmelee Industries, Inc.: *See—*
- Ballmann, Fred A.; and Cooper, James M., 4,550,856, Cl. 221-63.000.

Parmelee, William H.; and Sutton, Roger D. Apparatus for intravenous injection of liquids. 4,504,267, 3-12-85, Cl. 604-134.000.

Parmentier, Paul, to U.S. Philips Corporation. Method of manufacturing an identification card and an identification manufactured, by this method. 4,514,785, 4-30-85, Cl. 361-401.000.

Parmigiani, Fulvio: *See—*
- Corti, Mario; and Parmigiani, Fulvio, 4,526,465, Cl. 356-35.500.

Parmington, Ben; and Catchpole, Brian G., to Commonwealth of Australia, The. Drive arrangement for internal combustion engine. 4,526,141, 7-2-85, Cl. 123-51.0BA.

Parmley, Thomas A.: *See—*
- Cavanaugh, James E.; Hetherington, Robert D.; and Parmley, Thomas A., 4,516,725, Cl. 239-127.000.

Parnell, Edgar W.: *See—*
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,496,390, Cl. 71-92.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,505,740, Cl. 71-92.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,541,963, Cl. 260-465.00E.

Parnell, R. L.: *See—*
- Simpson, William B., Jr.; Lundy, David F.; Parnell, R. L.; Snodgrass, Charles W.; Miller, Edward B.; and Harvey, John M., 4,528,035, Cl. 75-257.000.

Parniere, Alain; and Bazenant, Dominique, to Thomson-CSF. Device for the automatic linearization of the control signal-frequency characteristic of a frequency-modulated variable frequency oscillator. 4,554,517, 11-19-85, Cl. 332-18.000.

Parniere, Alain: *See—*
- Luginbuhl, Pierre; Parniere, Alain; and Argintaru, Lazare, 4,509,200, Cl. 455-12.000.

Parnkopf, Fiske O.: *See—*
- Grotz, Bernard J.; Parnkopf, Fiske O.; and Prescott, G. Robert, 4,554,135, Cl. 422-148.000.

Parodi, Sandro: *See—*
- Albizzati, Enrico; Parodi, Sandro; and Barbe, Pier C., 4,522,930, Cl. 502-124.000.

Parody, Ross. Method and means of bagging loose trash. 4,519,183, 5-28-85, Cl. 53-461.000.

Paros, Jerome M.: *See—*
- EerNisse, Errol P.; Gaiser, Mark D.; Hanley, John P.; Kistler, Walter P.; Paros, Jerome M.; and Wiggins, Robert B., 4,526,247, Cl. 177-210.0FP.

Parque, John P. Portable vacuum holding device. 4,561,642, 12-31-85, Cl. 269-21.000.

Parquet, Donald J.; Brown, Thomas R.; and Edwards, Eldon R., to J. I. Case Company. Stabilizer assembly. 4,515,520, 5-7-85, Cl. 414-718.000.

Parquet, Donald J., to J. I. Case Company. Seat belt assembly. 4,537,274, 8-27-85, Cl. 180-270.000.

Parquier, Guy L.: *See—*
- Petitjean, Christian; and Parquier, Guy L., 4,546,356, Cl. 343-18.00E.

Parr, Ehrfried: *See—*
- Strack, Hans; Kleinschmit, Peter; and Parr, Ehrfried, 4,542,115, Cl. 502-64.000.
- Strack, Hans; Roebke, Wolfgang; Kneitel, Dieter; and Parr, Ehrfried, 4,551,322, Cl. 423-329.000.

Parr, Leslie R.: *See—*
- Pugh, Stuart; Smith, Douglas G.; Lee, Chee M.; Parr, Leslie R.; Birkett, John N.; Stibbs, Richard G.; and Tai, Tet C., 4,515,333, Cl. 248-122.000.

Parr, Richard S.; Ramachandran, Pallassana N.; Grey, Seymour; and Reinish, Martin D., to Colgate-Palmolive Company. Process for manufacturing bentonite-containing particulate fabric softening detergent composition. 4,526,702, 7-2-85, Cl. 252-174.250.

Parr, Rodney W., to Dulux Australia Ltd. Non-ionic unsaturated chemical compounds. 4,538,000, 8-27-85, Cl. 568-616.000.

Parr, Ted K.: *See—*
- Forte, Thomas E.; and Parr, Ted K., 4,531,517, Cl. 128-92.0EC.

Parramore, Thomas S., to Fairey Engineering Limited. Transportable bridge structure. 4,521,932, 6-11-85, Cl. 14-2.400.

Parran, John J., Jr.; and Sakkab, Nabil Y., to Procter & Gamble Company, The. Oral compositions. 4,515,772, 5-7-85, Cl. 424-57.000.

Parratt, David. Method of diagnosis. 4,548,909, 10-22-85, Cl. 436-507.000.

Parravicini, Roberto. Implant device for substaining the activity of the myocardium. 4,536,893, 8-27-85, Cl. 623-3.000.

Parrens, Pierre: *See—*
- Jeuch, Pierre; Lazzari, Jean-Pierre; and Parrens, Pierre, 4,544,445, Cl. 156-643.000.

Parrillo, Louis C.: *See—*
- Hillenius, Steven J.; and Parrillo, Louis C., 4,554,726, Cl. 29-571.000.

Parrini, Paolo: *See—*
- Bastioli, Catia; Gianotti, Giuseppe; Mattera, Adriano; and Parrini, Paolo, 4,560,522, Cl. 264-41.000.
- Credali, Lino; Parrini, Paolo; Milano, Mario; and Lori, Domenico, 4,560,429, Cl. 156-208.000.

Parris, David, to Imperial Chemical Industries Australia Limited. Process for the manufacture of methyl t-butyl ether. 4,546,204, 10-8-85, Cl. 568-697.000.

Parris, Joe P., III: *See—*
- Vicic, John C.; La Velle, Carl A.; and Parris, Joe P., III, 4,518,144, Cl. 251-1.00A.

Parrish, Henry H.: *See—*
- Chiu, Ran F.; Kromer, Philip F., III; Kao, Ming L.; and Parrish, Henry H., 4,539,689, Cl. 375-13.000.
- Turner, Laurence F.; Bailey, John W.; and Parrish, Henry H., 4,562,425, Cl. 340-347.0DD.

Parrish, J. Gid: *See—*
- Bykerk, Rocky S., 4,551,781, Cl. 361-143.000.

Parrish, John T. Scraper for removing labels or the like. 4,508,588, 4-2-85, Cl. 156-584.000.

Parrock, Joseph J., to American Standard Inc. Changeable keylock having tumblers with shiftable pivot seats. 4,516,417, 5-14-85, Cl. 70-384.000.

Parrock, Joseph J., to American Standard Inc. Keylock with resettable, bendable lever tumblers. 4,526,022, 7-2-85, Cl. 70-339.000.

Parrott, George A., to Dresser Europe S.A. Mining machine. 4,515,409, 5-7-85, Cl. 299-43.000.

Parrott, Kenneth S.; Gillis, Wendell K.; and Baros, Bernard C., to Clif Mock Company. Mixing disc. 4,548,509, 10-22-85, Cl. 366-349.000.

Parrott, Lawrence H.: *See—*
- Newell, S. David; Matko, William F.; Onoratti, James L.; and Parrott, Lawrence H., 4,549,337, Cl. 29-527.400.

Parrott, Stephen L. Catalytic hydrodenitrogenation of organic compounds. 4,510,046, 4-9-85, Cl. 208-254.00H.

Parry, Anthony N.: *See—*
- Denholm, William T.; Floyd, John M.; Errington, William J.; and Parry, Anthony N., 4,514,222, Cl. 75-77.000.

Parry, David: *See—*
- Gornall, Graham J.; Price, Anthony G.; and Parry, David, 4,508,198, Cl. 188-71.400.
- Price, Anthony G.; and Parry, David, 4,553,395, Cl. 60-562.000.

Parry, Ian C.: *See—*
- Bick, David E.; Flippance, Christopher F.; and Parry, Ian C., 4,535,872, Cl. 188-62.000.

Parry, James L. Drafting equipment holder. 4,510,872, 4-16-85, Cl. 108-25.000.

Parry, John C. Apparatus for application of plastics stretch films. 4,530,473, 7-23-85, Cl. 242-55.300.

Parry, Keith P.; Worthington, Paul A.; and Rathmell, William G., to Imperial Chemical Industries PLC. Antifungal triazole ethanol derivatives. 4,551,469, 11-5-85, Cl. 514-383.000.

Parselle, John L. B.: *See—*
- Heise, Stanley R.; Blackston, Michael D.; Zekich, Michael B.; and Parselle, John L. B., 4,530,183, Cl. 49-42.000.

Parshall, David G., to AMSTED Industries Incorporated. Continuous media filter. 4,514,301, 4-30-85, Cl. 210-400.000.

Parshall, George W.; and Tam, Wilson, to Du Pont de Nemours, E. I., and Company. Method for the hydrocarbylation of naphthoquinone derivatives. 4,507,241, 3-26-85, Cl. 260-396.00R.

Parson, Roger F.; Rosenquist, Kenneth G.; and Schmit, Justin M., to Jeno's, Inc. Dispensing apparatus. 4,513,918, 4-30-85, Cl. 241-101.400.

- Parsonage, Raymond G.: *See—*
  - Majthan, Rudolf; Stuhler, Rolf; Parsonage, Raymond G.; and Packham, Charles C., 4,514,618, Cl. 219-370.000.
- Parsonnet, Victor, to Cordis Corporation. Bipolar epicardial temporary pacing lead. 4,541,440, 9-17-85, Cl. 128-785.000.
- Parsons, Anthony W.: *See—*
  - Maathuis, Antonnis G.; and Parsons, Anthony W., 4,498,514, Cl. 152-356.00R.
- Parsons, Basil I.: *See—*
  - Ternan, Marten; and Parsons, Basil I., 4,558,031, Cl. 502-355.000.
- Parsons Controls Limited: *See—*
  - Millington, Michael J., 4,497,169, Cl. 59-84.000.
  - Millington, Michael J., 4,556,246, Cl. 294-82.110.
- Parsons, David; Windsor, Harry M.; and Comfort, John V., to Automotive Products plc. Electronic clutch control system. 4,561,530, 12-31-85, Cl. 192-0.076.
- Parsons, David: *See—*
  - Young, Alastair J.; Arrowsmith, David R.; and Parsons, David, 4,561,531, Cl. 192-85.0CA.
- Parsons, Donald F.; Parsons, Gerald J.; Greenwald, Brian D.; and Parsons, Elizabeth A., to Communications Test Design, Inc. Circuit testing of telephone grids or the like. 4,540,857, 9-10-85, Cl. 179-175.210.
- Parsons, Elizabeth A.: *See—*
  - Parsons, Donald F.; Parsons, Gerald J.; Greenwald, Brian D.; and Parsons, Elizabeth A., 4,540,857, Cl. 179-175.210.
- Parsons, Gerald J.: *See—*
  - Parsons, Donald F.; Parsons, Gerald J.; Greenwald, Brian D.; and Parsons, Elizabeth A., 4,540,857, Cl. 179-175.210.
- Parsons, Gerald R., to Barber-Colman Company. Reversible rotary actuator. 4,533,800, 8-6-85, Cl. 200-61.390.
- Parsons, John R.: *See—*
  - Alexander, Harold; Parsons, John R.; Strauchler, Irving D.; and Weiss, Andrew B., 4,512,038, Cl. 3-1.900.
- Parsons, Natan E. Ultrasonic flow-control system. 4,520,516, 6-4-85, Cl. 4-623.000.
- Parsons, Robert C., to Reynolds Metals Company. Method for adhesive bonding of aluminum. 4,545,842, 10-8-85, Cl. 156-310.000.
- Parsons, Robert E.; Westcott, Martha L.; and Johnson, Susan L., to Avery International Corporation. Reduced build-up pressure-sensitive adhesives. 4,548,845, 10-22-85, Cl. 428-40.000.
- Parsons, Stanley M., to University of California. 2α, 3β, 4aβ, 8aα-decahydro-3-(4-phenyl-1-piperidinyl)-2-naphthalenol. 4,552,965, 11-12-85, Cl. 546-206.000.
- Parsons, William, Jr., to Garlock Inc. Plug valve with floating stem seal. 4,510,966, 4-16-85, Cl. 137-375.000.
- Parsson, Nils O., to Saab-Scania Aktiebolag. Arrangement in a vehicle seat. 4,512,609, 4-23-85, Cl. 297-331.000.
- Parstorfer, Richard: *See—*
  - Steinmann, Peter; Engel, Reinhard; Parstorfer, Richard; Brugger, Rudolf; and Jonke, Gerhard, 4,548,669, Cl. 156-358.000.
- Part, Michel: *See—*
  - Bursztejn, Jacques; and Part, Michel, 4,559,499, Cl. 329-50.000.
- Parthasarathi, Arvind; and Polan, Ned W., to Olin Corporation. Electrochemical surface preparation for improving the adhesive properties of metallic surfaces. 4,549,941, 10-29-85, Cl. 204-27.000.
- Parthasarathi, Arvind, to Olin Corporation. Dendritic treatment of metallic surfaces for improving adhesive bonding. 4,551,210, 11-5-85, Cl. 204-28.000.
- Parthasarathi, Arvind, to Olin Corporation. Preparation for improving the adhesion properties of metal foils. 4,552,627, 11-12-85, Cl. 204-27.000.
- Parthasarathi, Arvind: *See—*
  - Polan, Ned W.; Smialek, Raymond J.; Parthasarathi, Arvind; and Sevier, Peter E., 4,532,014. Cl. 204-28.000.
  - Polan, Ned W.; Smialek, Raymond J.; and Parthasarathi, Arvind, 4,549,950, Cl. 204-206.000.
- Parthasarathi, Thiruvenkata R., to Compmail Systems, Inc. Chopper for an envelope stuffing machine. 4,545,178, 10-8-85, Cl. 53-435.000.
- Parthasarathy, Shakkottai P., to United States of America, National Aeronautics and Space Administration. Carbon granule probe microphone for leak detection. 4,498,333, 2-12-85, Cl. 73-40.50A.
- Particulate Instruments: *See—*
  - Berndt, Dale F., 4,544,273, Cl. 356-434.000.
- Partille Tool Aktiebolag: *See—*
  - Janerstal, Tommy; and Yngvesson, Sven H., 4,558,853, Cl. 269-71.000.
- Partin, James R.; and Rawlings, John P., to Geo-Systems, Inc. Drilled well series and paralleled heat exchange systems. 4,538,673, 9-3-85, Cl. 165-45.000.
- Partington, Albert J.; and Warner, Ronald E., to Westinghouse Electric Corp. Turbine blade with integral shroud. 4,533,298, 8-6-85, Cl. 416-191.000.
- Partington, Sally; and Carter, Steven F., to British Telecommunications. Glasses and methods for making them. 4,552,850, 11-12-85, Cl. 501-37.000.
- Partington, Sally: *See—*
  - Beales, Keith J.; Carter, Steve F.; Partington, Sally; and France, Paul W., 4,539,033, Cl. 65-134.000.
- Partis, Richard A.: *See—*
  - Mueller, Richard A.; and Partis, Richard A., 4,499,295, Cl. 560-53.000.
  - Mueller, Richard A.; and Partis, Richard A., 4,501,895, Cl. 548-239.000.
  - Mueller, Richard A.; and Partis, Richard A., 4,551,279, Cl. 260-404.000.
- Partlow, Deborah P.: *See—*
  - Yoldas, Bulent E.; and Partlow, Deborah P., 4,535,026, Cl. 428-310.500.
- Parton, Brian: *See—*
  - Anderton, Kenneth; Hall, Nigel; Parton, Brian; Renfrew, Andrew H. M.; and Shaw, Malcolm G., 4,512,773, Cl. 8-657.000.
- Parton, Joseph W.: *See—*
  - Koppel, Gary A.; Barton, Russell L.; Bewley, Jesse R.; Briggs, Stephen L.; and Parton, Joseph W., 4,552,888, Cl. 514-474.000.
- Partridge, Randall D.: *See—*
  - Degnan, Thomas F.; and Partridge, Randall D., 4,498,976, Cl. 208-120.000.
  - LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Steven S., 4,501,926, Cl. 585-739.000.
  - LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Stephen S., 4,518,485, Cl. 208-89.000.
  - LaPierre, Rene B.; and Partridge, Randall D., 4,541,919, Cl. 208-111.000.
- Partridge, Wilfred H. Bicycle with key-operated locking mechanism. 4,509,349, 4-9-85, Cl. 70-233.000.
- Partus, Fred P., to AT&T Technologies, Inc. Apparatus for supplying fluid to a rotating tube. 4,501,442, 2-26-85, Cl. 285-190.000.
- Partus, Fred P.: *See—*
  - Huggins, Ronald G.; O'Brien, William D., Jr.; and Partus, Fred P., 4,554,078, Cl. 210-749.000.
- Partyka, Edward S., to Reynolds Metals Company. Can end divider. 4,544,314, 10-1-85, Cl. 413-26.000.
- Parviainen, Arno. Counter-action device for exercise device. 4,538,805, 9-3-85, Cl. 272-118.000.
- Parviainen, Arno. Weight lifting type exercise device. 4,541,628, 9-17-85, Cl. 272-134.000.
- Parzefall, Walter; Pflugner, Wolfgang; and Steinberger, Wolfgang, to INA Walzlager Schaeffler KG. Linear rolling bearing for rectangular bar. 4,544,212, 10-1-85, Cl. 308-6.00R.
- Pas, Ireneus J. T. M.: *See—*
  - Fierkens, Richardus H. J.; and Pas, Ireneus J. T. M., 4,534,921, Cl. 264-39.000.
  - Fierkens, Richardus H. J.; and Pas, Ireneus J. T. M., 4,553,420, Cl. 72-380.000.
- Pas, Rene J. T. M. Flower merchandising display. 4,551,943, 11-12-85, Cl. 47-41.00R.
- Pasar, Inc.: *See—*
  - Pecukonis, Joseph P., 4,491,785, Cl. 324-67.000.
  - Pecukonis, Joseph P., 4,531,101, Cl. 330-302.000.
- Pasarela, Nunzio R., to American Cyanamid Company. Expanded corncob grits having increased absorptivity and a method for the preparation thereof. 4,518,580, 5-21-85, Cl. 424-16.000.
- Pasarela, Nunzio R., to American Cyanamid Company. Cold stabilization of aqueous herbicidal compositions with urea. 4,529,436, 7-16-85, Cl. 71-92.000.
- Pasbrig, Max, to Lacrex Brevetti S.A. Break ignition plug. 4,509,469, 4-9-85, Cl. 123-154.000.
- Pascal, Claude: *See—*
  - Canet, Roland; Delhaes, Pierre; Dupart, Eliane; Pacault, Adolphe; Pascal, Claude; and Manceau, Jean-Pierre, 4,535,317, Cl. 338-36.000.
- Pascal-Mousselard, Michel: *See—*
  - Falgoux, Daniel; Simoulin, Danielle; and Pascal-Mousselard, Michel, 4,543,430, Cl. 568-678.000.
- Pascal, Roger; and Bressand, Rene, to Salomon S.A. Safety ski binding. 4,561,673, 12-31-85, Cl. 280-629.000.
- Pascal, Roger: *See—*
  - Boussemart, Jean-Pierre; Bressand, Rene; and Pascal, Roger, 4,553,772, Cl. 280-628.000.
- Pascal, Thierry: *See—*
  - Camps, Marcel; Douillard, Alain; Dubois, Jean-Claude; Gazard, Maryse; Montheard, Jean-Pierre; Pascal, Thierry; and Seytre, Gerard, 4,508,639, Cl. 252-500.000.
- Pascarella, Vincent J.: *See—*
  - Solomon, Donald D.; McGary, Charles W.; and Pascarella, Vincent J., 4,521,564, Cl. 525-54.100.
- Pascas, Brian J.: *See—*
  - Benning, Gordon D.; Pascas, Brian J.; Blackhall, Robert K.; Wilker, Paul S.; and Neathway, Graham A., 4,538,031, Cl. 179-81.00B.
- Pasch, John H.: *See—*
  - Brander, Rita W.; Hammond, John E.; and Pasch, John H., 4,536,406, Cl. 426-104.000.
- Pasch, Manfred: *See—*
  - Klose, Sigmar; Pasch, Manfred; Kleemann, Wolfgang; Vieth, Friedhelm; and Buschek, Herbert, 4,557,600, Cl. 356-246.000.
- Paschedag, Hansjoachim; Mulhaupt, Bruno; and Kubr, Vaclav, to Sulzer-Escher Wyss Ltd. Twin pusher centrifuge. 4,493,769, 1-15-85, Cl. 210-360.200.
- Paschedag, Hansjoachim: *See—*
  - Kubr, Vaclav; Mulhaupt, Bruno; and Paschedag, Hansjoachim, 4,493,768, Cl. 210-360.200.
- Paschen, Dean A.: *See—*
  - Sanford, Gary G.; and Paschen, Dean A., 4,547,779, Cl. 343-700.0MS.
- Paschen, Rolf: *See—*
  - Anderka, Gerold; Brandt, Joachim; Deblitz, Gerhard; Martens, Rolf; Paschen, Rolf; and Willimczik, Bernd, 4,552,483, Cl. 403-288.000.

- Brandt, Joachim; Deblitz, Gerhard; Post, Jurgen; Willimczik, Bernd; Marten, Rolf; Paschen, Rolf; and Anderka, Gerold, 4,496,958, Cl. 346-139.00R.

Paschke, Werner, to Robert Bosch GmbH. Fuel injection valve. 4,548,361, 10-22-85, Cl. 239-585.000.

Paschke, Werner: *See—*
- Kubach, Hans; Kienzle, Wolfgang; Paschke, Werner; and Sauer, Rudolf, 4,519,547, Cl. 239-585.000.

Paschkis, Albert E., to General Signal Corporation. Receptacle with mechanical stop for expendable immersion devices. 4,528,849, 7-16-85, Cl. 73-432.00R.

Pasco, Robert W.: *See—*
- Schwarz, James A.; and Pasco, Robert W., 4,525,734, Cl. 357-67.000.

Pasco, Wayne D.: *See—*
- Arendt, Ronald H.; and Pasco, Wayne D., 4,534,956, Cl. 423-598.000.

Pasco, William R.: *See—*
- Young, William E.; Gerber, Ernst W.; and Pasco, William R., 4,502,906, Cl. 156-251.000.

Pascoe, William E.: *See—*
- Hartman, Susan E.; Allen, Michael E.; and Pascoe, William E., 4,506,094, Cl. 560-118.000.

Pascual, Gabriel E. Taper gauge device for hair clippers. 4,493,154, 1-15-85, Cl. 33-185.00R.

Pasek, Eugene A.: *See—*
- Lopez, Jaime; McKinney, Joel D.; and Pasek, Eugene A., 4,557,821, Cl. 208-108.000.

Pasenau, Hartmut: *See—*
- Sarh, Branko; and Pasenau, Hartmut, 4,512,837, Cl. 156-189.000.
- Sarh, Branko; and Pasenau, Hartmut, 4,524,556, Cl. 52-807.000.

Paseri, Jacques, to R.E.O.S.C. (Recherches et Etudes d'Optique et de Sciences Connexes); and Societe Nationale Industrielle et Aerospatiale. Mounting device for supporting a component, especially a mirror or an antenna reflector in a spacecraft. 4,533,100, 8-6-85, Cl. 244-158.00R.

Pasetti, Adolfo: *See—*
- Piacenti, Franco; Ciampelli, Federigo; and Pasetti, Adolfo, 4,499,146, Cl. 428-422.000.

Pashley, David H., to Medical College of Ga. Research Institute, Inc. Method of decreasing the permeability of a dental cavity. 4,538,990, 9-3-85, Cl. 433-217.000.

Pashley, Neil A.: *See—*
- Cockhill, Thomas D.; Pashley, Neil A.; Prewett, Phillip D.; and Jefferies, Derek K., 4,516,052, Cl. 313-546.000.

Pasichinskyj, Mario J.: *See—*
- Merritt, Thomas D.; and Pasichinskyj, Mario J., 4,500,827, Cl. 322-3.000.

Pasiecznik, Eugene, to Westeel-Rosco Limited. Adjustable spacer kit of parts, and building wall or roof structure incorporating the same. 4,495,741, 1-29-85, Cl. 52-404.000.

Pasierb, John: *See—*
- Ghosh, Atish; and Pasierb, John, 4,498,079, Cl. 340-725.000.

Pasilac A/S: *See—*
- Bjerre, Poul; and Buchbjerg, Ernst, 4,559,231, Cl. 426-42.000.

Pask, George; and Brett, Clive E., to Rolls-Royce Limited. Sealed aerofoil blade/disc assembly for a rotor. 4,492,521, 1-8-85, Cl. 416-193.00A.

Pask, George, to Rolls-Royce Limited. Casing structure for a gas turbine engine. 4,502,276, 3-5-85, Cl. 60-39.320.

Pask, George, to Rolls-Royce Limited. Load distribution member. 4,521,159, 6-4-85, Cl. 416-174.000.

Pask, George, to Rolls-Royce Limited. Turbine shroud and turbine shroud assembly. 4,551,064, 11-5-85, Cl. 415-116.000.

Pasko, Walter J., Jr.; and Rathbun, William H., to General Electric Company. Methods for assembling a transformer core. 4,520,556, 6-4-85, Cl. 29-606.000.

Paskowski, Frank J., Jr.; and Stanwicks, Peter L., to Combustion Engineering, Inc. Pulverizer journal bearing system. 4,538,768, 9-3-85, Cl. 241-101.200.

Pasmans, Johannes M. M.: *See—*
- Haisma, Jan; Adema, Cornelis L.; Pasmans, Johannes M. M.; and Walters, Jurren H., 4,547,801, Cl. 358-111.000.

Paspek, Stephen C., Jr.; and Coker, Curtis D., to Standard Oil Company, The. Conversion of high boiling organic materials to low boiling materials. 4,557,820, 12-10-85, Cl. 208-8.0LE.

Paspek, Stephen C., Jr., to Standard Oil Company, The. Conversion of high boiling organic materials to low boiling materials. 4,559,127, 12-17-85, Cl. 208-8.0LE.

Pasquale, Gary M.: *See—*
- Chu, Pochen; and Pasquale, Gary M., 4,522,705, Cl. 208-120.000.
- Cormier, William E., Jr.; Pasquale, Gary M.; and Stover, William A., 4,508,840, Cl. 502-70.000.

Pasquale, Samuel A., to Ortho Pharmaceutical Corporation. Triphasic oral contraceptive. 4,530,839, 7-23-85, Cl. 514-171.000.

Pasquale, Samuel A., to Ortho Pharmaceutical Corporation. Triphasic oral contraceptive. 4,544,554, 10-1-85, Cl. 514-170.000.

Pasquale, William D.: *See—*
- Hewitt, Edward G.; and Pasquale, William D., 4,555,026, Cl. 206-521.000.

Pasquarella, Stephen T., to Va. Inc. Control circuit for inductive load. 4,513,345, 4-23-85, Cl. 361-155.000.

Pasquazzi, Henry; and Pasquazzi, Henry, Jr. Curb lifting device. 4,545,609, 10-8-85, Cl. 294-104.000.

Pasquazzi, Henry, Jr.: *See—*
- Pasquazzi, Henry; and Pasquazzi, Henry, Jr., 4,545,609, Cl. 294-104.000.

Pasques, Christian. Wheel truck and roller assembly. 4,515,379, 5-7-85, Cl. 280-11.270.

Pasquet, Jean-Pierre: *See—*
- Dupuis, Bernard; Pasquet, Jean-Pierre; and Coppens, Christian, 4,495,618, Cl. 370-66.000.

Pasquier, Armand, to Etudes Techniques et Realisations (CdF Ingenierie) S.A. Snow transfer installation. 4,538,369, 9-3-85, Cl. 37-219.000.

Pasquier, Rene. Improved quartz watch having a semi-rigid watch case bottom and a time setting system using an electrical contact. 4,511,260, 4-16-85, Cl. 368-69.000.

Pass & Seymour, Inc.: *See—*
- Drapkin, William B., 4,552,421, Cl. 339-14.00R.
- Ronemus, DeHertburn N.; and Tice, Victor M., 4,538,040, Cl. 200-159.00A.

Pass, Shimeon: *See—*
- Patchornik, Abraham; Shai, Yechiel; and Pass, Shimeon, 4,552,922, Cl. 525-54.110.

Passarell, Wayne H.; and Ziegler, Jeffry A., to Ford Motor Company. Engine mount preloaded in shear. 4,504,036, 3-12-85, Cl. 248-632.000.

Passarotti, Carlo: *See—*
- Doria, Gianfederico; Passarotti, Carlo; Lovisolo, Pier P.; and Buttinoni, Ada, 4,521,419, Cl. 514-267.000.
- Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, 4,522,944, Cl. 514-222.000.
- Doria, Gianfederico; Passarotti, Carlo; and Buttinoni, Ada, 4,537,962, Cl. 544-255.000.
- Doria, Gianfederico; Passarotti, Carlo; Arcari, Giuliana; and Buttinoni, Ada, 4,551,457, Cl. 514-258.000.
- Doria, Gianfederico; Passarotti, Carlo; and Corno, Maria L., 4,558,046, Cl. 514-227.000.
- Faustini, Franco; Passarotti, Carlo; Ceserani, Roberto; and Gandolfi, Carmelo, 4,551,476, Cl. 514-461.000.

Passemard, Jean R.; and Keledjian, Gaston, to Regie Nationale des Usines Renault. Rectilinear transfer mechanism with pulleys and belts. 4,537,084, 8-27-85, Cl. 74-89.220.

Passemard, Jean-Robert; and Keledjian, Gaston, to Regie Nationale des Usines Renault. Swivelling handle with three axes of rotation for an industrial robot. 4,527,945, 7-9-85, Cl. 414-735.000.

Passien, Ray. Apparatus for cleaning carpet. 4,531,257, 7-30-85, Cl. 15-321.000.

Passler, Michel; and Reisch, Bruno, to Carl Freudenberg, Firma. Absorbent planar structure and method of its manufacture. 4,559,243, 12-17-85, Cl. 427-209.000.

Passmore, David T.; and Windibank, Brian P., to Eastman Kodak Company. Alkyd composition for high solids coatings. 4,514,230, 4-30-85, Cl. 106-243.000.

Passoni, Mario, to Passoni Paolo & Figli s.r.l. Modular assembly-type stand structure particularly for supporting storage batteries. 4,518,088, 5-21-85, Cl. 211-13.000.

Passoni Paolo & Figli s.r.l.: *See—*
- Passoni, Mario, 4,518,088, Cl. 211-13.000.

Pastan, Ira; Willingham, Mark C.; and Fitzgerald, David J., to United States of America, Health and Human Services. Pseudomonas exotoxin conjugate immunotoxins. 4,545,985, 10-8-85, Cl. 424-85.000.

Paster, David: *See—*
- Paster, Ernest E.; and Paster, David, 4,530,501, Cl. 273-43.00R.

Paster, Ernest E.; and Paster, David, to Eastern Bowling Equipment Company. Conversion apparatus for bowling pin setting machine. 4,530,501, 7-23-85, Cl. 273-43.00R.

Pasteris, Robert J., to Du Pont de Nemours, E. I., and Company. Phenyl-substituted sulfonamides. 4,492,596, 1-8-85, Cl. 71-90.000.

Pasternack, Adalbert, to Dragerwerk Aktiengesellschaft. Emergency respirator. 4,491,130, 1-1-85, Cl. 128-202.260.

Pasternack, Adalbert, to Dragerwerk Aktiengesellschaft. Protective helmet having a cooling harness. 4,551,858, 11-12-85, Cl. 2-7.000.

Pasternack, George: *See—*
- Bishop, Timothy E.; Stanton, Joseph J.; Pasternack, George; and Cutler, Orvid R., Jr., 4,514,037, Cl. 350-96.230.
- Bishop, Timothy E.; and Pasternack, George, 4,522,465, Cl. 350-96.300.
- Bishop, Timothy E.; Pasternack, George; and Zimmerman, John M., 4,537,667, Cl. 204-159.150.

Pasternak, Adalbert, to Dragerwerk Aktiengesellschaft. Cold protection suit having a protective breathing device. 4,503,850, 3-12-85, Cl. 128-201.250.

Pasternak, Dov: *See—*
- Korin, Eliyaho; Rappaport, Elazar; Pasternak, Dov; Roy, Aharon S.; and Wolf, David, 4,498,459, Cl. 126-430.000.

Pasternak, Eliezer, to Joytronix, Inc. Foodstuffs imaging process and apparatus. 4,531,292, 7-30-85, Cl. 33-18.00R.

Pasternak, Eliezer: *See—*
- Drews, Robert C.; Meyer, Danny D.; Shalon, Tadmor; and Pasternak, Eliezer, 4,508,532, Cl. 604-22.000.

Pasternak, Stephen F.; and Wohrstein, Franz X., to Peerless of America, Inc. Heat exchangers and method of making same. 4,554,970, 11-26-85, Cl. 165-181.000.

Pastien, Eugene R., to Smarte Carte, Inc. Vehicle lock apparatus and method. 4,518,073, 5-21-85, Cl. 194-4.00C.

Pastien, Eugene R.: *See—*
- Muellner, James M.; and Pastien, Eugene R., 4,518,072, Cl. 194-4.00D.

- Pasto, Arvid E., to GTE Automatic Electric Laboratories Incorporated. Silicon nitride-cordierite ceramic article, and process of manufacture thereof. 4,542,109, 9-17-85, Cl. 501-97.000.
- Pastoor, Jacobus: *See—*
  - van der Sluys, Willem L. N.; Pastoor, Jacobus; and Roelofs, Johannes C. M., 4,548,129, Cl. 99-281.000.
- Pastor, Antonio C.: *See—*
  - Harrington, James A.; Pastor, Antonio C.; Standlee, Arlie G.; and Turk, Roger R., 4,532,000, Cl. 156-620.000.
- Pastor, Jose, to Pitney Bowes Inc. Image thinning process. 4,539,704, 9-3-85, Cl. 382-55.000.
- Pastor, Manuel G., to Zerpa Industries, Inc. Solvent recovery method. 4,534,830, 8-13-85, Cl. 203-86.000.
- Pastor, Manuel G., to Recyclene Products, Inc. Solvent recovery apparatus. 4,536,256, 8-20-85, Cl. 202-164.000.
- Pastor, Marc: *See—*
  - Dinh, Chom T. L.; Garceau, Roger; Pastor, Marc; and Terreault, Gerard, 4,562,470, Cl. 358-167.000.
- Pastor, Ricardo C.; and Chew, Remedios K., to Hughes Aircraft Company. Process for preparation of ultrapure thorium fluoride. 4,519,986, 5-28-85, Cl. 423-19.000.
- Pastor, Sheldon L., to Minnesota Mining and Manufacturing Company. Magnetic disk cartridge and disk drive. 4,543,619, 9-24-85, Cl. 360-97.000.
- Pastor, Stephen D.: *See—*
  - Spivack, John D.; and Pastor, Stephen D., 4,497,959, Cl. 549-253.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,503,243, Cl. 556-427.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,508,865, Cl. 524-283.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,521,320, Cl. 252-47.500.
  - Spivack, John D.; and Pastor, Stephen D., 4,524,166, Cl. 524-117.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,524,167, Cl. 524-121.000.
  - Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, 4,539,421, Cl. 560-105.000.
  - Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, 4,540,732, Cl. 524-289.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,547,539, Cl. 524-112.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,552,926, Cl. 524-219.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,559,379, Cl. 524-289.000.
  - Spivack, John D.; and Pastor, Stephen D., 4,560,799, Cl. 568-47.000.
- Pastor, Vincent J.: *See—*
  - Boehringer, Wilfred E.; and Pastor, Vincent J., 4,498,647, Cl. 244-75.00R.
- Pastor, William, to Torrington Company, The. Drive assembly coupling. 4,498,888, 2-12-85, Cl. 464-112.000.
- Pastorek, Emmerich: *See—*
  - Orth, Winfried; Pastorek, Emmerich; and Fickert, Werner, 4,549,024, Cl. 546-320.000.
  - Tonnius, Dietrich; Weiss, Wolfgang; Orth, Winfried; Miele, Heinrich; and Pastorek, Emmerich, 4,510,090, Cl. 260-396.00R.
- Pastorius, Walter J.: *See—*
  - Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,493,554, Cl. 356-241.000.
  - Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., 4,506,980, Cl. 356-237.000.
- Pastors, Debbie, executrix: *See—*
  - Foley, Robert W.; Storck, Robert C.; Mickus, Donald J., deceased; and Pastors, Debbie, executrix, 4,554,979, Cl. 172-813.000.
- Pastrnak, Ales: *See—*
  - Marsicek, Zdenek; Janeba, Jaroslav; Pacha, Antonin; Pastrnak, Ales; Dykast, Jaroslav; and Prazak, Roman, 4,534,042, Cl. 377-16.000.
- Pastrone, Giovanni, to OXIMETRIX, Inc. Liquid flow regulator. 4,552,336, 11-12-85, Cl. 251-331.000.
- Pastusek, Paul E.: *See—*
  - Childers, John S.; and Pastusek, Paul E., 4,516,642, Cl. 175-340.000.
  - Childers, John S.; and Pastusek, Paul E., 4,546,837, Cl. 175-340.000.
  - Childers, John S.; and Pastusek, Paul E., 4,558,754, Cl. 175-340.000.
  - Daly, Jeffery E.; and Pastusek, Paul E., 4,548,280, Cl. 175-40.000.
- Pastva, Charles S. Disposable mixing palette and container. 4,538,726, 9-3-85, Cl. 206-44.120.
- Pasvyanskas, Arunas V.: *See—*
  - Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.
- Paszek, Leon E.; and Bernarducci, Ernest, to Sterling Drug Inc. Stable mildly acidic aqueous polishing cleanser and preparation thereof. 4,532,066, 7-30-85, Cl. 252-144.000.
- Pasztor, Emil; Lazar, Laszlo; Nagy, Jozsef; and Pallosy nee Becker, Katalin. Pharmaceutically acceptable silicon rubber and therapeutical set and the use thereof for surgical embolization. 4,551,132, 11-5-85, Cl. 604-52.000.
- Pasztor, Karoly: *See—*
  - Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.
- Pasztor, Rezso: *See—*
  - Asszonyi, Csaba; Klausz, Istvan; Kmety, Istvan; Meitzen, Nandor; and Pasztor, Rezso, 4,505,622, Cl. 405-288.000.
- Patacca, Angelo M.: *See—*
  - Belanger, Homer J.; and Patacca, Angelo M., 4,503,104, Cl. 428-36.000.
- Pataki, Endre: *See—*
  - Gillemot, Laszlo ; Prodan, Janos; Pataki, Endre; and Zuckermann, Erno , 4,515,497, Cl. 403-391.000.
- Patanasinth, Kanit J.: *See—*
  - Morris, William M.; Witzel, Frank; Puglia, Wayne J.; Mackay, Donald A. M.; Clark, K. Warren; and Patanasinth, Kanit J., 4,533,543, Cl. 424-38.000.
- Patarcity, Adam J., to Kennecott Corporation. Rubber-backed expansion joint. 4,536,018, 8-20-85, Cl. 285-229.000.
- Patch, Stanley J., to United States of America, Navy. Prefabricated dental onlays and method therefor. 4,504,230, 3-12-85, Cl. 433-219.000.
- Patchen, Paul, II, to Allis-Chalmers Corporation. Intercooler bypass return in an internal combustion engine. 4,513,695, 4-30-85, Cl. 123-41.100.
- Patchen, Paul J.: *See—*
  - Berti, Jerome L.; and Patchen, Paul J., 4,497,497, Cl. 277-163.000.
- Patchett, Arthur A.; and Wu, Mu T., to Merck & Co., Inc. Dipeptides containing thialysine and related amino acids as antihypertensives. 4,512,979, 4-23-85, Cl. 514-2.000.
- Patchett, Arthur A.; and Wu, Mu T., to Merck & Co., Inc. Aminoacyl-containing dipeptide derivatives useful as antihypertensives. 4,555,502, 11-26-85, Cl. 514-19.000.
- Patchett, Arthur A.; and Wu, Mu T., to Merck & Co., Inc. N^2(substituted carboxymethyl-N^6-(substituted)-lysyl-and α-(ϵ-aminoalkyl)glycyl amino acid antihypertensive agents. 4,555,503, 11-26-85, Cl. 514-19.000.
- Patchornik, Abraham; Shai, Yechiel; and Pass, Shimeon, to Yeda Research and Development Company Ltd. Method for multipolymer synthesis of organic compounds. 4,552,922, 11-12-85, Cl. 525-54.110.
- Pate, Grover C. Portable hand-held urine disposal system for residential structures. 4,490,863, 1-1-85, Cl. 4-301.000.
- Pate, Harold T.; Laney, William R.; and Shell, Donald H., to Thyssen-Bornemisza Inc. Large diameter plastic pipe. 4,495,970, 1-29-85, Cl. 138-148.000.
- Pate, Harold T.; and Fochler, Helmut P., to Indian Head Inc. Flexible conduit system. 4,524,999, 6-25-85, Cl. 285-158.000.
- Pate, Kevin T.: *See—*
  - Evans, Edwin R.; Pate, Kevin T.; Rattner, Jerome E.; and Simpson, Verne G., 4,529,774, Cl. 524-860.000.
- Pate, Paul E.: *See—*
  - Thibault, William C.; and Pate, Paul E., 4,523,376, Cl. 29-623.200.
- Patek, Frank, Jr.: *See—*
  - Chang, Long F.; and Patek, Frank, Jr., 4,552,275, Cl. 215-12.00R.
- Patel, Anilbhai S.: *See—*
  - Gerhard, Gregory J.; Gornstein, Robert J.; Graham, William M.; Patel, Anilbhai S.; Smith, John M.; and Vaughn, Wade C., 4,502,162, Cl. 3-13.000.
- Patel, Arvind D., to Dresser Industries, Inc. Thermally stable drilling fluid additive. 4,525,562, 6-25-85, Cl. 526-271.000.
- Patel, Arvind D., to Dresser Industries, Inc. Zwiterionic 2-alkyl imidazolines as emulsifying agents for oil based drilling fluids. 4,544,756, 10-1-85, Cl. 548-354.000.
- Patel, Arvind D.: *See—*
  - Chen, Robert G.; Patel, Arvind D.; and Sample, Thomas E., Jr., 4,521,578, Cl. 526-288.000.
- Patel, Arvind M., to International Business Machines Corporation. On-the-fly multibyte error correcting system. 4,494,234, 1-15-85, Cl. 371-38.000.
- Patel, Arvind M., to International Business Machines Corporation. Syndrome processing unit for multibyte error correcting systems. 4,504,948, 3-12-85, Cl. 371-38.000.
- Patel, Arvind M., to International Business Machines Corporation. Multibyte error correcting system involving a two-level code structure. 4,525,838, 6-25-85, Cl. 371-37.000.
- Patel, Bakulesh B., to Motorola, Inc. Mounting arrangement for altering a microphone's frequency response. 4,511,768, 4-16-85, Cl. 179-146.00R.
- Patel, Balkrishna R., to General Motors Corporation. Permanent magnet bistable solenoid actuator. 4,533,890, 8-6-85, Cl. 335-234.000.
- Patel, Chandra K. N.; and Shaw, Earl D., to AT&T Bell Laboratories. Free-electron amplifier device with electromagnetic radiation delay element. 4,529,942, 7-16-85, Cl. 330-4.300.
- Patel, Chandrakant B., to RCA Corporation. Buzz reduction for intercarrier type television sound detection. 4,513,323, 4-23-85, Cl. 358-197.000.
- Patel, Chandrakant M.: *See—*
  - Vessey, John R.; Patel, Chandrakant M.; and Armstrong, Jack, 4,523,673, Cl. 198-486.000.
- Patel, Dahyabhai C., to Astec Europe Limited. Electrical converter including gain enhancing means for low gain transistors. 4,542,450, 9-17-85, Cl. 363-23.000.
- Patel, Gordhanbhai N.; Preziosi, Anthony F.; Bhattacharjee, Himangshu R.; and Lee, Lester T. C., to Allied Corporation. Coloration of acetylenic monomers by gases. 4,550,150, 10-29-85, Cl. 526-233.000.

- Patel, Gordhanbhai N.: *See—*
  - Birkmaier, Albert A.; Harpell, Gary A.; Kurtz, Bruce E.; Patel, Gordhanbhai N.; Poncha, Rustom P.; Skovrinski, Adam L.; and Lesco, James M., 4,505,786, Cl. 204-38.400.
- Patel, Jayantilal, to Loral Corporation. Error analyzer for data communicated by bus protocol. 4,545,055, 10-1-85, Cl. 371-55.000.
- Patel, Jayantilal S.: *See—*
  - Goodby, John W.; Leslie, Thomas M.; and Patel, Jayantilal S., 4,561,726, Cl. 350-341.000.
- Patel, Jitendra G.: *See—*
  - Rehmat, Amirali G.; and Patel, Jitendra G., 4,544,375, Cl. 48-197.00R.
- Patel, Kalyanji U., to Minnesota Mining and Manufacturing Company. Leather with fluorochemical finish. 4,525,305, 6-25-85, Cl. 260-401.000.
- Patel, Kirit, to FAG Kugelfischer Georg Schafer (KGaA). Apparatus for the false twisting of threads using friction disks. 4,551,970, 11-12-85, Cl. 57-339.000.
- Patel, Kiritkumar R., to Eaton Corporation. Fluid operated clutch or brake. 4,497,398, 2-5-85, Cl. 192-88.00B.
- Patel, Kishor M.: *See—*
  - Mehrotra, Deepak; Kant, Rajni; and Patel, Kishor M., 4,527,115, Cl. 324-73.00R.
- Patel, Krishnakant B., to Alcan Aluminum Corporation. Tin alloy powder for sintering. 4,540,437, 9-10-85, Cl. 75-251.000.
- Patel, Kundanbhai M.: *See—*
  - Murthy, Andiappan K. S.; Patel, Kundanbhai M.; and Bekker, Alex Y., 4,543,177, Cl. 208-130.000.
- Patel, Madhu C.: *See—*
  - Kruse, Richard M.; Moffett, David J.; Patel, Madhu C.; and Barnes, Ronald L., 4,536,648, Cl. 235-454.000.
- Patel, Mahendra R.: *See—*
  - Jain, Nemichand B.; and Patel, Mahendra R., 4,505,890, Cl. 424-21.000.
- Patel, Mansukh M.: *See—*
  - Arnold, Todd W.; and Patel, Mansukh M., 4,562,076, Cl. 426-5.000.
- Patel, Naginbhai M.: *See—*
  - Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Versace, Richard W.; and Patel, Naginbhai M., 4,559,333, Cl. 514-192.000.
- Patel, Naren I., to Siecor Corporation. Filled transmission cable. 4,497,538, 2-5-85, Cl. 350-96.230.
- Patel, Nathalal G.: *See—*
  - Haury, Gilbert E.; Patel, Nathalal G.; Lockard, Walter G.; and Wiatrak, Thomas R., 4,500,102, Cl. 280-242.0WC.
  - Lockard, Walter G.; Patel, Nathalal G.; and Boris, Allen J., 4,555,121, Cl. 280-30.000.
- Patel, Natu: *See—*
  - Usher, Thomas C.; and Patel, Natu, 4,507,472, Cl. 536-51.000.
- Patel, Navin D.: *See—*
  - Bell, Cecil R., Jr.; Lathery, Willie M.; Patel, Navin D.; and London, Jasper R., 4,539,924, Cl. 112-262.200.
- Patel, Parbhubhai D.: *See—*
  - Gardner, William B.; Patel, Parbhubhai D.; Philen, Dan L.; and Santana, Manuel R., 4,555,175, Cl. 356-32.000.
- Patel, Pravin K. Process of preparing a recording member having a variable thickness recording layer. 4,522,848, 6-11-85, Cl. 427-131.000.
- Patel, Raman, to Monsanto Company. Compatibilized blends of acrylic ester. 4,555,546, 11-26-85, Cl. 525-194.000.
- Patel, Raman: *See—*
  - Coran, Aubert Y.; and Patel, Raman, 4,555,552, Cl. 525-456.000.
- Patel, Rohit A.: *See—*
  - Herbert, William B.; and Patel, Rohit A., 4,551,130, Cl. 604-32.000.
- Patel, Shantilal G.; and Bell, William D., to International Playtex, Inc. Methods for preparing warp knitted fabrics. 4,551,892, 11-12-85, Cl. 28-166.000.
- Patel, Sharadchandra D.: *See—*
  - Conn, James K.; and Patel, Sharadchandra D., 4,504,806, Cl. 333-241.000.
- Patel, Vikram M.: *See—*
  - Vora, Madhukar B.; and Patel, Vikram M., 4,503,598, Cl. 29-571.000.
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  - Legille, Edouard; and Mailliet, Pierre, 4,525,120, Cl. 414-160.000.
  - Legille, Edouard; Bernard, Gilbert; Cimenti, Giovanni; and Thillen, Guy, 4,526,536, Cl. 432-238.000.
  - Legille, Edouard; and Mailliet, Pierre, 4,547,116, Cl. 414-160.000.
  - Legille, Edouard; and Lonardi, Emile, 4,559,839, Cl. 74-88.000.
  - Mailliet, Pierre; and Kraemer, Edgar, 4,497,379, Cl. 173-39.000.
  - Mailliet, Pierre; and Ulveling, Leon, 4,512,702, Cl. 414-202.000.
  - Mailliet, Pierre; Andonov, Radomir; Stomp, Hubert; and Monai, Jean, 4,533,125, Cl. 266-226.000.
  - Mailliet, Pierre; Ulveling, Leon; and Metz, Jean, 4,557,468, Cl. 266-273.000.
  - Monteyne, Guido; Calmes, Marc; and Schmeler, Robert, 4,494,971, Cl. 65-19.000.
  - Monteyne, Guido, 4,518,498, Cl. 210-297.000.
- Paula Blaine International, Ltd.: *See—*
  - Levine, Paula B., 4,512,581, Cl. 273-153.00R.
- Paula, M. Fatima M. Two person garment. 4,535,479, 8-20-85, Cl. 2-69.500.
- Pauldine, Donald D. Hair roller. 4,524,788, 6-25-85, Cl. 132-42.00R.
- Paule, Kurt: *See—*
  - Gunther, Klaus; Hornung, Friedrich; Paule, Kurt; and Schadlich, Fritz, 4,493,377, Cl. 173-170.000.
- Paulet, Jacques: *See—*
  - Espitalie, Jean; Madec, Marcel; Leplat, Paul; and Paulet, Jacques, 4,519,983, Cl. 422-78.000.
- Paulet, Jean-Francois; and Eisenlohr, Othmar, to Swiss Aluminium Ltd. Device for producing dispersion coatings. 4,498,967, 2-12-85, Cl. 204-272.000.
- Pauling, Horst: *See—*
  - Hanck, Alfred; and Pauling, Horst, 4,514,338, Cl. 260-429.900.
- Paulinski, Ronald A., to Burroughs Corporation. Circuit board test fixture. 4,496,903, 1-29-85, Cl. 324-158.00F.
- Pauliukonis, Richard S. Energy conserving air pump. 4,494,912, 1-22-85, Cl. 417-347.000.
- Pauliukonis, Richard S. Fluid proportioning diverter valve. 4,501,289, 2-26-85, Cl. 137-315.000.
- Pauliukonis, Richard S. O-ring solenoid water valves. 4,543,983, 10-1-85, Cl. 137-356.000.
- Paull, Jolanta: *See—*
  - Sujansky, Vladimir; Tribuzio, Sergio; and Paull, Jolanta, 4,507,161, Cl. 149-21.000.
- Paull, Seymour; and Marino, Michael J., to Roi Corporation. Electronic thermometer. 4,497,585, 2-5-85, Cl. 374-158.000.
- Pauls, Heinz W.: *See—*
  - Fraser-Reid, Bertram; and Pauls, Heinz W., 4,514,561, Cl. 536-18.700.
- Pauls, Henry W.: *See—*
  - Hafez, Mahmoud M.; and Pauls, Henry W., 4,496,456, Cl. 208-33.000.
- Pauls, Mathias: *See—*
  - Plaschka, Emil; Pauls, Mathias; and Niggli, Guido, 4,508,244, Cl. 222-153.000.
- Paulsen, Gary A.: *See—*
  - Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., 4,527,745, Cl. 239-600.000.
- Paulsen, Nick E. Farrowing pen. 4,502,414, 3-5-85, Cl. 119-20.000.
- Paulseth, Stephen G. Ankle orthosis. 4,556,054, 12-3-85, Cl. 128-80.00H.
- Paulson, Bernard S.; Paulson, Bruce H.; Clark, Brian K.; and Briesemeister, Richard A., to Pixall Corporation. Self-cleaning support roller for an endless conveyor belt. 4,499,992, 2-19-85, Cl. 198-498.000.
- Paulson, Bruce H.: *See—*
  - Paulson, Bernard S.; Paulson, Bruce H.; Clark, Brian K.; and Briesemeister, Richard A., 4,499,992, Cl. 198-498.000.
- Paulson, Charles M., Jr.; and Faulhaber, Mark E., to Du Pont de Nemours, E. I., and Company. Apparatus for measurement of molecular orientation. 4,521,111, 6-4-85, Cl. 356-367.000.
- Paulson, Danton L.: *See—*
  - Cole, Ernest R., Jr.; Lee, Agnes Y.; and Paulson, Danton L., 4,500,398, Cl. 204-117.000.
- Paulson, James C.: *See—*
  - Irie, Reiko F.; Tai, Tadashi; Morton, Donald L.; Cahan, Leslie D.; and Paulson, James C., 4,557,931, Cl. 424-88.000.

Paulson, John W.; and Schulz, David J., to Rayovac Corporation. Voltage stabilizing agents for cells. 4,524,115, 6-18-85, Cl. 429-50.000.

Paulson, Larry G.: *See—*
- Werth, Larry J.; and Paulson, Larry G., 4,504,970, Cl. 382-14.000.
- Werth, Larry J.; and Paulson, Larry G., 4,550,431, Cl. 382-1.000.
- Werth, Larry J.; and Paulson, Larry G., 4,551,850, Cl. 382-18.000.

Paulson, Robert C. Device for preventing improper operation of a slot machine. 4,542,817, 9-24-85, Cl. 194-99.000.

Paulson, Rollie W. Vibration free turntable apparatus. 4,553,230, 11-12-85, Cl. 369-263.000.

Paulson, Wayne M.; and Hughes, David W., to Motorola, Inc. Thin film resistor material and method. 4,510,178, 4-9-85, Cl. 427-94.000.

Paulsson, Kurt: *See—*
- Andersson, Jan; Swedberg, Valter; Trok, Benjamin; and Paulsson, Kurt, 4,529,841, Cl. 179-18.0BE.

Paulus, John R.; and Keck, Marvin C., to Pizza Hut, Inc. Pizza oven tool. 4,494,786, 1-22-85, Cl. 294-26.000.

Paulus, Wilfried: *See—*
- Kuhle, Engelbert; Klauke, Erich; Paulus, Wilfried; and Genth, Hermann, 4,513,003, Cl. 514-411.000.
- Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Reinecke, Paul; and Rosslenbroich, Hans-Jurgen, 4,547,517, Cl. 514-390.000.
- Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Brandes, Wilhelm; and Reinecke, Paul, 4,562,208, Cl. 514-593.000.
- Ritter, Helmut; Paulus, Wilfried; and Genth, Hermann, 4,532,259, Cl. 514-608.000.
- Schmitt, Hans-Georg; Reinecke, Paul; Paulus, Wilfried; Genth, Hermann; and Radt, Walter, 4,521,412, Cl. 514-244.000.
- Schmitt, Hans-Georg; Paulus, Wilfried; and Genth, Hermann, 4,545,994, Cl. 514-514.000.

Pauly, Hans: *See—*
- Weber, Adolf; Strauss, Hans; and Pauly, Hans, 4,534,292, Cl. 102-241.000.

Paurat, Friedrich W.; and Paurat, Roland. Belt-type bulk-material conveyor for underground use. 4,499,993, 2-19-85, Cl. 198-819.000.

Paurat, Friedrich W.; and Paurat, Roland. System for conveying bulk material and people in a mine. 4,557,373, 12-10-85, Cl. 198-819.000.

Paurat, Roland: *See—*
- Paurat, Friedrich W.; and Paurat, Roland, 4,499,993, Cl. 198-819.000.
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Paus, Lloyd L., to Huck Manufacturing Company. Fastener tester. 4,554,838, 11-26-85, Cl. 73-761.000.

Pausch, Josef; and Sorenson, David A., to General Resource Corporation. Bin fluidizer. 4,556,173, 12-3-85, Cl. 239-533.130.

Paust, Joachim; and Leininger, Hartmut, to BASF Aktiengesellschaft. Preparation of dihydro-4,4-dimethylfuran-2,3-dione. 4,503,238, 3-5-85, Cl. 549-319.000.

Paust, Joachim: *See—*
- Ernst, Hansgeorg; Vogel, Friedrich; and Paust, Joachim, 4,518,813, Cl. 570-241.000.
- Ernst, Hansgeorg; Gehrken, Henning-Peter; and Paust, Joachim, 4,550,182, Cl. 549-408.000.
- Fischer, Rolf; Weitz, Hans-Martin; and Paust, Joachim, 4,521,342, Cl. 260-410.000.
- Schmieder, Klaus; Paust, Joachim; Fischer, Rolf; and Weitz, Hans-Martin, 4,543,417, Cl. 549-375.000.
- Vogel, Friedrich; and Paust, Joachim, 4,515,975, Cl. 549-411.000.
- Vogel, Friedrich; Paust, Joachim; and Nuerrenbach, Axel, 4,544,758, Cl. 549-407.000.
- Weitz, Hans-Martin; Fischer, Rolf; and Paust, Joachim, 4,506,096, Cl. 560-262.000.

Pautz, Anton: *See—*
- Spinner, Georg; Lang, Manfred; and Pautz, Anton, 4,519,670, Cl. 350-96.150.

Pautz, Brigitte: *See—*
- Albert, Winfried; Ziegenhorn, Joachim; Siedel, Joachim; Batz, Hans-Georg; Lenz, Helmut; and Pautz, Brigitte, 4,543,325, Cl. 435-7.000.

Pauwels, Michael A.; Wright, Danny O.; Harvey, Bruce J.; and Bauer, Thomas J., to Allied Corporation. Extended range throttle body fuel injection system. 4,512,317, 4-23-85, Cl. 123-478.000.

Pauwels, Michael A.; Wright, Danny O.; and Harvey, Bruce J., to Allied Corporation. Multiprocessing microprocessor based engine control system for an internal combustion engine. 4,556,943, 12-3-85, Cl. 364-431.120.

Pauwels, Michael A.; and Wright, Danny O., to Allied Corporation. Method for maintaining the integrity of a dual microprocessor multiprocessing computing system. 4,558,416, 12-10-85, Cl. 364-431.110.

Pauwels, Michael A.: *See—*
- Harvey, Bruce J.; Laurent, Harold J.; and Pauwels, Michael A., 4,530,332, Cl. 123-481.000.
- Russo, Frank A.; Pauwels, Michael A.; and Bauer, Thomas A., 4,556,942, Cl. 364-431.070.

Pauze, Denis R.: *See—*
- Keane, John J.; and Pauze, Denis R., 4,493,873, Cl. 428-372.000.
- Keane, John J.; and Pauze, Denis R., 4,503,124, Cl. 428-372.000.
- Keane, John J.; and Pauze, Denis R., 4,537,804, Cl. 427-118.000.
- Keane, John J.; and Pauze, Denis R., 4,546,041, Cl. 428-372.000.

Pauzin, Alexis. Sheet-metal bending brake. 4,520,646, 6-4-85, Cl. 72-313.000.

Pav, Josef; Hartwich, Gerhard; and Prey, Jorg, to Kleinewefers GmbH. Apparatus for convoluting webs of paper or the like. 4,491,283, 1-1-85, Cl. 242-67.10R.

Pav, Josef; and Jaegers, Heinz, to Kleinewefers GmbH. Method of and arrangement for processing lengths of material. 4,497,246, 2-5-85, Cl. 100-35.000.

Pav, Josef; Schmitz, Wimmar; and Wenzel, Reinhard, to Kleinewefers GmbH. Calender. 4,498,383, 2-12-85, Cl. 100-162.00B.

Pav, Josef; and Wenzel, Reinhard, to Kleinewefers GmbH. Pressure roll for use in calenders or the like. 4,520,723, 6-4-85, Cl. 100-162.00B.

Pav, Josef: *See—*
- Rauf, Richard; Pav, Josef; and Scholl, Klaus, 4,514,887, Cl. 29-116.0AD.

Pavan, Mario. Method for producing undulated dough products. 4,515,817, 5-7-85, Cl. 426-106.000.

Pavek, Miloslav, to Elitex, koncern textilniho strojirenstvi. Method of and apparatus for splicing fiber formations. 4,498,279, 2-12-85, Cl. 57-22.000.

Pavek, Miloslav; and Hlubucek, Ladislav, to Elitex, koncern textilniho strojirenstvi. Method of and apparatus for preparing and splicing the ends of fibrous formations. 4,498,280, 2-12-85, Cl. 57-22.000.

Pavel, Klaus; and Lange, Horst, to Rhein-Nadel Maschinennadel GmbH. Method of producing sewing machine needles. 4,524,815, 6-25-85, Cl. 163-5.000.

Pavel, Klaus, to Rhein-Nadel Maschinennadel GmbH. Method of producing sewing machine needles. 4,541,470, 9-17-85, Cl. 163-5.000.

Pavel, Klaus: *See—*
- Lange, Horst; and Pavel, Klaus, 4,491,167, Cl. 163-1.000.

Pavelic, Vjekoslav; and Tews, Paul, to Wisconsin Alumni Research Foundation. Submerged arc welding flux. 4,561,914, 12-31-85, Cl. 148-26.000.

Pavelka, Edwin A.; Grindstaff, Quirinus G.; and Scheppele, Stuart E., to United States of America, Energy. Metal-to-ceramic attachment device. 4,540,304, 9-10-85, Cl. 403-12.000.

Pavey, Charles F.: *See—*
- Madewell, James A.; Molitor, Edwin A.; Crowe, Norman P.; Lampe, Guy W.; and Pavey, Charles F., 4,500,245, Cl. 414-108.000.

Pavia, Michael R.: *See—*
- Butler, Donald E.; Hershenson, Fred M.; and Pavia, Michael R., 4,525,476, Cl. 514-326.000.
- Butler, Donald E.; Pavia, Michael R.; and Hershenson, Fred M., 4,530,929, Cl. 514-295.000.

Pavie, Claude, to Hotchkiss-Brandt Sogeme H.B.S. Displacement bench for mail sorting equipment and letter guidance insertion flap equipping such a bench. 4,542,818, 9-24-85, Cl. 198-469.100.

Pavillard, Blaise: *See—*
- Hirsbrunner, Pierre; and Pavillard, Blaise, 4,531,003, Cl. 544-275.000.

Pavincic, Ivan. Two wheel skating device. 4,541,643, 9-17-85, Cl. 280-11.210.

Pavitt, William H., Jr. Telephone triggered switching system for transcriber. 4,517,413, 5-14-85, Cl. 179-81.00R.

Pavlath, Attila E.: *See—*
- Robertson, George H.; and Pavlath, Attila E., 4,556,460, Cl. 203-19.000.
- Yagi, Toshiharu; and Pavlath, Attila E., 4,508,781, Cl. 428-409.000.
- Yagi, Toshiharu; and Pavlath, Attila E., 4,557,945, Cl. 427-40.000.

Pavlath, George A.; and Shaw, Herbert J., to Leland Stanford Junior University, The Board of Trustees of the. Fiber optic rotation sensor utilizing unpolarized light. 4,529,312, 7-16-85, Cl. 356-350.000.

Pavlic, John C.: *See—*
- Preschutti, Joseph P.; and Pavlic, John C., 4,517,521, Cl. 330-2.000.

Pavlick, Michael J., to Budd Company, The. Low level freight car for carrying trailers. 4,524,699, 6-25-85, Cl. 105-4.00R.

Pavlick, Michael J.: *See—*
- Dickhart, William W., III; Graziani, Dante J., Jr.; Herring, James M., Jr.; Pavlick, Michael J.; and Renn, Edward J., 4,555,095, Cl. 267-4.000.

Pavlik, Dennis; and Gronholm, Richard A., to Westinghouse Electric Corp. Dynamoelectric machine with rotor ventilation system including axial duct inlet fairing. 4,508,985, 4-2-85, Cl. 310-55.000.

Pavlin, Mark S., to Union Camp Corporation. Extraction of phenolics from hydrocarbons. 4,503,267, 3-5-85, Cl. 568-753.000.

Pavlov, Gennady A.: *See—*
- Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., 4,491,314, Cl. 272-63.000.

Pavlov, Tudor: *See—*
- Servas, Frank; Lewin, John E.; Pavlov, Tudor; and Diettrich, Lambert J., Jr., 4,559,999, Cl. 165-156.000.

Pavlovic, Pavao; and Gnjidic, Branko. Equipment and method for manufacturing thin glass flakes. 4,526,602, 7-2-85, Cl. 65-81.000.

Pavlovych, Orest: *See—*
- Donnelly, Thomas L.; and Pavlovych, Orest, 4,557,584, Cl. 355-3.0DD.

Pavone, Robert J., to Gerber Scientific Instrument Company, The. Non-slip pulley and belt drive. 4,553,951, 11-19-85, Cl. 474-148.000.

Pawel, Hans E.: *See—*
- Desjardins, Paul J.; Menon, Sathischandran; Milles, Maano; and Pawel, Hans E., 4,530,367, Cl. 128-777.000.

Pawelchak, John M.; and Freeman, Frank M., to E. R. Squibb & Sons, Inc. Dressings, granules, and their use in treating wounds. 4,538,603, 9-3-85, Cl. 128-156.000.

Pawelek, John M.; and Agin, Patricia P., to Yale University; and Plough, Inc. Composition for increasing melanin in mammalian skin and hair. 4,508,706, 4-2-85, Cl. 424-60.000.

Pawelzik, Manfred; and Derr, Max, to Friedrich Grohe Armaturenfabrik GmbH & Co. Volume control valve. 4,501,408, 2-26-85, Cl. 251-314.000.

Pawelzik, Manfred; Herring, William P.; and Kostorz, Jan R., to Friedrich Grohe Armaturenfabrik GmbH & Co. Lever head for single-lever mixing valves. 4,535,814, 8-20-85, Cl. 137-625.170.

Pawelzik, Manfred, to Friedrich Grohe Armaturenfabrik GmbH & Co. Sanitary mixing valve. 4,540,023, 9-10-85, Cl. 137-625.170.

Pawlak, Stephen M., to SCM Corporation. Ribbon feed mechanism. 4,552,473, 11-12-85, Cl. 400-208.000.

Pawlenko, Ivan: *See—*
Van Ocker, William G.; Pawlenko, Ivan; Reider, Donald F.; Troebs, Charles J.; Clair, Robert A.; and Crandall, Stanley C., 4,493,572, Cl. 400-196.100.

Pawlicki, Richard I.: *See—*
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Pawlikowski, Stanley L.; and Tamburrino, Richard A., to North American Philips Consumer Electronics Corp. Color cathode ray tube incorporating improved thermal compensation type aperture mask supporting means. 4,524,298, 6-18-85, Cl. 313-405.000.

Pawloski, Chester E.; and Ginter, Sally P., to Dow Chemical Company, The. Process for preparation of (halo)(hydroxy)-substituted phosphites and phosphorates. 4,496,494, 1-29-85, Cl. 260-977.000.

Pawloski, Chester E.; and Ginter, Sally P., to Dow Chemical Company, The. Halogenated phosphorus hydroxy-alkyl and t-alkoxyalkyl esters. 4,510,101, 4-9-85, Cl. 260-928.000.

Pawloski, Chester E.; and Ginter, Sally P., to Dow Chemical Company, The. Primary hydroxyl-containing phosphono-s-triazines. 4,556,710, 12-3-85, Cl. 544-214.000.

Pawloski, James A.; Williams, Graham; and Pawloski, James A., Jr. Fluid actuated orthopedic tool. 4,530,357, 7-23-85, Cl. 128-312.000.

Pawloski, James A., Jr.: *See—*
Pawloski, James A.; Williams, Graham; and Pawloski, James A., Jr., 4,530,357, Cl. 128-312.000.

Pawloski, James C.: *See—*
McCreedy, Kathleen M.; Pawloski, James C.; Keskkula, Henno; and Yonkers, Edward H., 4,547,530, Cl. 521-139.000.

Pawloski, Louis: *See—*
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Pawlowski, Henry A.: *See—*
Barker, Robert I.; King, David P.; and Pawlowski, Henry A., 4,552,025, Cl. 73-846.000.

Pawlowski, Thomas D.: *See—*
Bohrer, Timothy H.; Pawlowski, Thomas D.; and Brown, Richard K., 4,553,010, Cl. 219-10.55E.

Pawlush, Joseph C.: *See—*
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Pawsat, Dennis P., to Wald Manufacturing Company, Inc. Bicycle handlebar stem assembly. 4,526,491, 7-2-85, Cl. 403-24.000.

Paxa, Charles. Nose bandage. 4,534,342, 8-13-85, Cl. 128-163.000.

Paxhia, Frank V.: *See—*
Bucek, Francis J.; and Paxhia, Frank V., 4,500,928, Cl. 358-296.000.

Paxton, Harold G. Tow apparatus and method of installation. 4,561,375, 12-31-85, Cl. 114-253.000.

Paxton, Jerre H. Dual-opening bag closure. 4,509,231, 4-9-85, Cl. 24-30.50R.

Pay, Clifford R.; and Thornton, F. James, to Norton Christensen, Inc. Rotating pilot core bit for use in highly fractured formations. 4,552,231, 11-12-85, Cl. 175-330.000.

Pay, Clifford R.: *See—*
Meskin, Alexander K.; and Pay, Clifford R., 4,529,047, Cl. 175-329.000.

Payen International Limited: *See—*
Herrington, Maurice G., 4,531,750, Cl. 277-235.00B.
Mitchell, Barclay; and Moore, Kenneth, 4,499,135, Cl. 428-137.000.

Payen, Pierre, to L. Payen and Cie, S.A. Process for making covered elastane yarn. 4,525,992, 7-2-85, Cl. 57-18.000.

Payet, George L.; and Ballard, Stephen C., to Springs Industries, Inc. Woven textile fabric having an ultrasonically cut and sealed edge and apparatus and process for producing same. 4,534,819, 8-13-85, Cl. 156-515.000.

Payet, George L.; Hendrix, James E.; and Lowery, Jack R., Sr., to Springs Industries, Inc. Adjustable anvil for ultrasonic material cutting and sealing apparatus. 4,542,771, 9-24-85, Cl. 139-302.000.

Payet, George L.: *See—*
Lowery, Jack R., Sr.; and Payet, George L., 4,496,407, Cl. 156-73.300.

Payhauler Corporation: *See—*
Eldridge, Joseph L.; and Domes, E. A., 4,542,461, Cl. 364-424.000.

Payne, Charles C., to Nalco Chemical Company. Prevention of silica migration in thermal insulation with water-soluble salts of inorganic oxygen-containing acids or acidic gases. 4,552,804, 11-12-85, Cl. 428-283.000.

Payne, Charles H.: *See—*
Kent, William C.; and Payne, Charles H., 4,504,008, Cl. 228-180.200.
Kent, William C.; and Payne, Charles H., 4,527,731, Cl. 228-180.200.

Payne, David B.; and Millar, Colin A., to Post Office, The. Coupling of dielectric optical waveguides. 4,497,536, 2-5-85, Cl. 350-96.210.

Payne, David G., to Tektronix, Inc. Probe cable assemblies. 4,514,022, 4-30-85, Cl. 339-17.00F.

Payne, David N.; Sasaki, Issei; and Adams, Michael J., to National Research Development Corporation. Measurement of refractive index profile. 4,515,475, 5-7-85, Cl. 356-73.100.

Payne, David N.: *See—*
Mansfield, Robert J.; Payne, David N.; and Sasaki, Issei, 4,519,704, Cl. 356-73.100.

Payne, David W.: *See—*
Nall, Kent J.; Barteldes, W. Christopher; Payne, David W.; Rome, Charles P.; and Abrams, Wayne A., 4,552,120, Cl. 124-1.000.

Payne, Derick A.: *See—*
Dughan, Terence G.; Farmery, George M.; and Payne, Derick A., 4,506,813, Cl. 222-590.000.

Payne, Errol G.; McGregor, Charles D.; and Uyeda, Tim M., to Ramtek Corporation. Color printer and multi-ribbon cartridge therefor. 4,504,160, 3-12-85, Cl. 400-196.100.

Payne, Fred A., to R & D Associates. Optical vernier positioning for robot arm. 4,523,100, 6-11-85, Cl. 250-561.000.

Payne, Frederick A., to University of Kentucky Research Foundation, The. Biomass gasifier combustor. 4,531,462, 7-30-85, Cl. 110-210.000.

Payne, George B.; and Powell, James E., to Shell Oil Company. ((3,4,5,6-tetrahydro-2H-pyran-2-yl)methoxy)oxabicycloalkane herbicides. 4,525,203, 6-25-85, Cl. 71-88.000.

Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., to Shell Oil Company. Oxabicycloalkane herbicides. 4,542,244, 9-17-85, Cl. 568-825.000.

Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., to Shell Oil Company. Certain substituted, 7-oxabicyclo[2.2.1]heptan-2-ols and -2-ones as intermediates. 4,554,366, 11-19-85, Cl. 549-463.000.

Payne, George B.: *See—*
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Estreicher, Herbert; and Payne, George B., 4,529,806, Cl. 549-355.000.

Payne, George C., to Teknetics, Inc. Metal detector systems for identifying targets in mineralized ground. 4,507,612, 3-26-85, Cl. 324-329.000.

Payne, Ghislaine R. L.: *See—*
Payne, Harold J. W.; and Payne, Ghislaine R. L., 4,523,416, Cl. 52-221.000.

Payne, Harold J. W.; and Payne, Ghislaine R. L., to H. H. Robertson (U.K.) Limited. Flooring system with service trunking provision. 4,523,416, 6-18-85, Cl. 52-221.000.

Payne, Harry E., Jr.: *See—*
Eriksen, Wilbur R.; and Payne, Harry E., Jr., 4,492,673, Cl. 422-85.000.

Payne, James M. Wind turbine electric generator. 4,508,973, 4-2-85, Cl. 290-5.00S.

Payne, Jehugh A. Portable climbing device. 4,552,248, 11-12-85, Cl. 182-142.000.

Payne, John D., to Holmen Chemicals Limited. Pellet durability tester. 4,512,180, 4-23-85, Cl. 73-7.000.

Payne, Kenneth G., to Sasib S.p.A. Buffer storage apparatus. 4,509,634, 4-9-85, Cl. 198-347.000.

Payne, Kenneth R.: *See—*
Stenzel, Wallace I.; and Payne, Kenneth R., 4,550,314, Cl. 340-623.000.

Payne, Larry R.: *See—*
Williams, Carl L., Jr.; and Payne, Larry R., 4,548,482, Cl. 350-608.000.

Payne, Nicholas S., to Procter & Gamble Company, The. Compositions comprising alkylpolysaccharide detergent surfactant. 4,536,319, 8-20-85, Cl. 252-174.170.

Payne, Paul E.; and McDonagh, Charles F. Drying insert for caps. 4,491,256, 1-1-85, Cl. 223-24.000.

Payne, Philip W. Tapered tube impedance matching underwater voice communicator with bubble silencer. 4,527,657, 7-9-85, Cl. 181-18.000.

Payne, Philip W. Bubble silencer for an underwater voice communicator. 4,527,658, 7-9-85, Cl. 181-235.000.

Payne, Reginald K.; and Trett, John. Proximity detector circuitry especially for lift doors. 4,506,765, 3-26-85, Cl. 187-29.00R.

Payne, Richard S.: *See—*
Tuttle, Ralph C.; and Payne, Richard S., 4,511,413, Cl. 148-187.000.

Payne, Robert N.: *See—*
Lee, Francis C.; Mills, Ross N.; Payne, Robert N.; and Talke, Frank E., 4,513,299, Cl. 346-140.00R.

Payne, Roger D., to Apollo Fire Detectors Limited. Short circuit fault isolation means for electrical circuit arrangements. 4,528,610, 7-9-85, Cl. 361-62.000.

Payne, Thomas R.; and Schneider, David A., to General Electric Company. Power control arrangement for automatic surface unit. 4,493,980, 1-15-85, Cl. 219-450.000.

Payne, Thomas R., to General Electric Company. Boil dry protection system for cooking appliance. 4,493,981, 1-15-85, Cl. 219-450.000.

Payne, Thomas R., to General Electric Company. Utensil removal detection system for cooking appliance. 4,499,368, 2-12-85, Cl. 219-452.000.

Payne, Thomas R., to General Electric Company. Cooking appliance incorporating heater energy counter means. 4,551,618, 11-5-85, Cl. 219-510.000.

Payne, Vay B. Target apparatus. 4,501,427, 2-26-85, Cl. 273-406.000.

Payne, Virgil L.; and Mauldin, Charles H., to Exxon Research & Engineering Co. Cobalt catalysts for the preparation of hydrocarbons from synthesis gas and from methanol. 4,542,122, 9-17-85, Cl. 502-325.000.

Payne, Virgil L.: *See—*
  Mauldin, Charles H.; and Payne, Virgil L., 4,556,752, Cl. 585-640.000.
Payne, William H. Fluid power transmission. 4,541,513, 9-17-85, Cl. 192-58.00R.
Payne, William M., Jr., to Burlington Industries, Inc. Incremental modular creel system. 4,515,328, 5-7-85, Cl. 242-131.000.
Paynter, Alan H., to Incom International Inc. Flexible remote control with improved anchoring of outer ball races. 4,516,441, 5-14-85, Cl. 74-501.00R.
Paynton, Richard D. Filter and method of manufacturing. 4,514,585, 4-30-85, Cl. 174-35.0GC.
Payrhammer, Bernd; and Knor, Bernhard, to AGFA-Gevaert, A.G. Method and arrangement for evaluating a series of originals for copying. 4,523,839, 6-18-85, Cl. 355-68.000.
Payton, John L., to Codex Corporation. Modem end of message detector. 4,494,240, 1-15-85, Cl. 375-75.000.
Payview Limited: *See—*
  Cheung, William S. H., 4,527,195, Cl. 358-120.000.
Paz, Lirida. Disposable liner for a musical potty chair. 4,509,215, 4-9-85, Cl. 4-452.000.
Paz, Mercedes: *See—*
  Gallop, Paul M.; and Paz, Mercedes, 4,496,722, Cl. 544-69.000.
Pazar, Charles A. Apparatus for burning bales of trash. 4,534,302, 8-13-85, Cl. 110-346.000.
Pazhenchevsky, Barak: *See—*
  Kosower, Edward M.; Pazhenchevsky, Barak; and Hershkowitz, Eli, 4,499,284, Cl. 548-359.000.
Pazzini, Norbert, to Societe Medi 2000 S.A.R.L. Medical bed. 4,557,471, 12-10-85, Cl. 269-325.000.
PC Manufacturing Corporation: *See—*
  Pool, Daniel L., 4,553,710, Cl. 242-55.200.
PCB Piezotronics, Inc.: *See—*
  Riggs, Michael T., 4,499,751, Cl. 73-4.00R.
PCF Group, Inc.: *See—*
  McDonough, Charles M., 4,548,363, Cl. 239-698.000.
Pchelkin, Nicholas R.: *See—*
  McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., 4,558,451, Cl. 372-89.000.
PCUK Produits Chimiques Ugine Kuhlmann: *See—*
  Devic, Michel, 4,496,760, Cl. 562-460.000.
  Olah, George A., 4,547,604, Cl. 585-458.000.
  Olah, George A., 4,547,606, Cl. 585-477.000.
PD Giftware Designs, Inc.: *See—*
  DiCostanzo, Pam, 4,525,393, Cl. 428-7.000.
PDA Engineering: *See—*
  Schutzler, Jerome C., 4,501,058, Cl. 29-446.000.
PDI, Inc.: *See—*
  Haasl, Robert J., 4,536,454, Cl. 428-516.000.
PDL Industries Limited: *See—*
  Cook, David L., 4,500,008, Cl. 220-242.000.
Peabody ABC Corporation: *See—*
  Tinker, Charles L., 4,508,486, Cl. 415-119.000.
Peabody Development Company: *See—*
  Smith, Jimmy B.; and Liggett, Julian M., 4,557,733, Cl. 44-10.00C.
Peabody International Corp.: *See—*
  Pittenger, Francis H., 4,547,118, Cl. 414-408.000.
Peabody Noise Control, Inc.: *See—*
  Fearon, William W.; and Macy, Arnel M., 4,522,284, Cl. 181-292.000.
Peach, Robert C.: *See—*
  Bowman, Roger; Peach, Robert C.; and Milverton, David R. J., 4,527,866, Cl. 350-358.000.
Peachee, C. Theodore, Jr.; and Messner, Daniel R., to Emerson Electric Co. Wire way securement means for dynamoelectric machine. 4,492,888, 1-8-85, Cl. 310-71.000.
Peachee, C. Theodore, Jr., to Emerson Electric Co. Method of fabricating die cast rotor with one piece oil return/rotor shaft securement member. 4,499,661, 2-19-85, Cl. 29-598.000.
Peachey, Kenneth G., to Sunwood Energy Products, Inc. Portable thermal exchange system. 4,512,334, 4-23-85, Cl. 126-430.000.
Peachtree Doors, Inc.: *See—*
  Banford, Dennis W., 4,502,249, Cl. 49-381.000.
  Banford, Dennis W., 4,512,124, Cl. 52-207.000.
  Dunsmoor, Forrest L., 4,558,536, Cl. 49-404.000.
  Governale, Bernard C., 4,546,585, Cl. 52-309.110.
Peacock, Bobbie D.; Mushovic, John N.; and Geyer, Roger D., to M. A. Industries, Inc. Method and apparatus for supporting cylindrical concrete samples for testing. 4,534,225, 8-13-85, Cl. 73-860.000.
Peacock, Colin J. Tool-change device for a machine tool. 4,528,742, 7-16-85, Cl. 29-568.000.
Peacock, Donald G.: *See—*
  Davis, Frederick J.; and Peacock, Donald G., 4,496,410, Cl. 156-84.000.
Peacock, Frank A.: *See—*
  Sinha, Uday K.; and Peacock, Frank A., 4,552,200, Cl. 164-454.000.
Peacock, Glenn S.: *See—*
  Koleske, Joseph V.; Peacock, Glenn S.; and Kwiatkowski, George T., 4,555,449, Cl. 428-411.100.
Peacock Investments (Proprietary) Limited: *See—*
  Raubenheimer, Johann N., 4,536,908, Cl. 15-1.700.
  Raubenheimer, Johann N., 4,550,463, Cl. 15-1.700.
  Raubenheimer, Johann N., 4,560,418, Cl. 134-18.000.
Peacock, Kenneth L., to Standard Oil Company, The. Method and apparatus for digital time-variant filtering. 4,535,417, 8-13-85, Cl. 364-724.000.
Peacock, Peter R. Foldable easel. 4,544,123, 10-1-85, Cl. 248-460.000.
Peake, Steven L., to American Cyanamid Company. Process for preparing 9,10-anthracenedicarboxaldehyde. 4,558,163, 12-10-85, Cl. 568-436.000.
Peake, Steven L.: *See—*
  Raghu, Sivaraman; and Peake, Steven L., 4,499,283, Cl. 548-343.000.
Pearce, Arthur W. Hay bale feeder. 4,545,716, 10-8-85, Cl. 414-24.600.
Pearce, Daniel S.: *See—*
  Insley, Gene L.; Seaburg, Duane M.; and Pearce, Daniel S., 4,493,069, Cl. 369-75.100.
Pearce, David: *See—*
  Allen, John; and Pearce, David, 4,538,863, Cl. 339-12.00R.
Pearce, David W., to GEC Avionics Limited. Encapsulated assemblies. 4,542,260, 9-17-85, Cl. 174-52.0PE.
Pearce, David W.: *See—*
  Taylor, Douglas R.; and Pearce, David W., 4,543,556, Cl. 336-210.000.
Pearce, Euan I. F., to Development Finance Corporation of New Zealand. Dental rinse. 4,532,124, 7-30-85, Cl. 424-52.000.
Pearce, Glenn T.: *See—*
  Neumann, Stephen M.; Pearce, Glenn T.; and Sorrell, Theophilus, 4,559,291, Cl. 430-214.000.
Pearce, Godfrey R.: *See—*
  Coe, Jerry R.; Pearce, Godfrey R.; and See, Francis R., 4,538,025, Cl. 174-52.00S.
Pearce, Jeffrey B.: *See—*
  Chan, Luen C.; Beckwith, Paul B.; and Pearce, Jeffrey B., 4,520,506, Cl. 382-56.000.
Pearce, Kenneth W.: *See—*
  Spoors, Gerald; and Pearce, Kenneth W., 4,497,781, Cl. 423-164.000.
Pearce, Peter: *See—*
  Pearce, Peter J., 4,509,879, Cl. 403-172.000.
Pearce, Peter J., to Pearce, Peter. Joining system for triangulated structures. 4,509,879, 4-9-85, Cl. 403-172.000.
Pearce, Richard A., to Robbins & Myers, Inc. Ceiling fan blade isolation. 4,511,310, 4-16-85, Cl. 416-134.00R.
Pearce, Richard M.: *See—*
  Dechow, Fred J.; Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,522,836, Cl. 426-271.000.
  Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,514,427, Cl. 426-271.000.
Pearce, Robert C., III, to Zoecon Corporation. Pest control device comprising α-cyano-3-phenoxybenzyl 2-(2-chloro-4-trifluoromethylanilino)-3-methylbutanoate. 4,536,388, 8-20-85, Cl. 424-28.000.
Pearce, Thomas: *See—*
  Guess, Joe F.; and Pearce, Thomas, 4,492,317, Cl. 222-39.000.
Pearl, David R., to Gerber Garment Technology, Inc. Sheet material conveyor loading apparatus. 4,542,672, 9-24-85, Cl. 83-409.000.
Pearl, David R., to Gerber Garment Technology, Inc. Apparatus for sealing cut sheet material. 4,542,673, 9-24-85, Cl. 83-422.000.
Pearl, David R., to Gerber Garment Technology, Inc. Blade for severing fibrous material. 4,545,275, 10-8-85, Cl. 83-747.000.
Pearlman, Bruce A., to Upjohn Company, The. Intermediates for the production of prostaglandins from D-glucose. 4,535,173, 8-13-85, Cl. 549-433.000.
Pearlman, Bruce A., to Upjohn Company, The. Organic compounds and process. 4,549,030, 10-22-85, Cl. 549-435.000.
Pearlman, Gordon E.: *See—*
  Santos, Theodore J., Jr.; and Pearlman, Gordon E., 4,533,112, Cl. 249-3.000.
Pearman, Bruce W.; Pelton, Clark; Roper, Todd K.; and Tivis, Layne C., to Showdown Electronics, Inc. Electronic gun and target apparatus and method. 4,545,583, 10-8-85, Cl. 273-311.000.
Pearo, John M. Tamper-proof pill dispenser. 4,555,044, 11-26-85, Cl. 221-19.000.
Pearson, Alan; and The, Paul J., to Aluminum Company of America. Removal of organic contaminants from bauxite and other ores. 4,519,989, 5-28-85, Cl. 423-121.000.
Pearson, Arthur D.: *See—*
  Barns, Robert L.; and Pearson, Arthur D., 4,526,599, Cl. 65-3.120.
Pearson, Bernard A.: *See—*
  Bookout, Russell J.; Pearson, Bernard A.; and Jacobs, John W., 4,536,137, Cl. 417-390.000.
  Snellman, Donald L.; Pearson, Bernard A.; and Jacobs, John W., 4,548,395, Cl. 271-11.000.
  Snellman, Donald L.; and Pearson, Bernard A., 4,548,398, Cl. 271-197.000.
  Snellman, Donald L.; Kingsley, Michael L.; and Pearson, Bernard A., 4,561,647, Cl. 271-296.000.
Pearson, Beverly. Umbrella support. 4,537,339, 8-27-85, Cl. 224-188.000.
Pearson, Derek G., to Associated Lead Manufacturers Limited. Stabilizers for vinyl resins. 4,505,850, 3-19-85, Cl. 252-609.000.
Pearson, Earl C., Jr.; and Nelson, William, to Raytheon Company. Method of tracking target in presence of clutter. 4,559,537, 12-17-85, Cl. 343-7.00A.
Pearson, Ernest J., to Chloride Group Public Limited Company. Multicell electric storage batteries. 4,504,556, 3-12-85, Cl. 429-136.000.
Pearson, Ernest J., to Chloride Group Public Limited Company. Method of assembling multicell electric storage batteries. 4,507,856, 4-2-85, Cl. 29-623.100.

Pearson, Ernest J., to Chloride Group Public Limited Company. Recombination multicell electric storage battery. 4,525,438, 6-25-85, Cl. 429-149.000.

Pearson, Ernest J., to Chloride Group Public Limited Company. Manufacturing recombination electric storage cells. 4,525,926, 7-2-85, Cl. 29-623.100.

Pearson, Ernest J., to Chloride Group Public Limited Company. Manufacturing recombination electric storage cells. 4,530,153, 7-23-85, Cl. 29-623.100.

Pearson, Ernest J.: *See—*

Hayes, Michael H.; and Pearson, Ernest J., 4,502,211, Cl. 29-623.100.

Hayes, Michael H.; and Pearson, Ernest J., 4,528,255, Cl. 429-233.000.

Pearson, Glenn A. Fire retardant powders and methods. 4,552,803, 11-12-85, Cl. 428-262.000.

Pearson, H. Alton. Showerhead. 4,523,718, 6-18-85, Cl. 239-106.000.

Pearson, Herby O.: *See—*

Fister, Louis P.; Pearson, Herby O.; and Fitch, Lawrence H., 4,518,058, Cl. 180-300.000.

Pearson, James E., to United Technologies Corporation. Laser radar adaptive tracking system. 4,516,853, 5-14-85, Cl. 356-152.000.

Pearson, Kenneth A.; and Zucker, Larry R., to International Business Machines Corporation. ROS control of gas panel. 4,499,460, 2-12-85, Cl. 340-771.000.

Pearson, Kenneth A.; and Zimmerman, Luther L., to International Business Machines Corporation. Apparatus and method for scaling facsimile image data. 4,528,693, 7-9-85, Cl. 382-47.000.

Pearson, Kenneth C., to Hartco Company. U-clip assembly and method of producing and utilizing the same. 4,508,220, 4-2-85, Cl. 206-343.000.

Pearson, Leonard L.; and Litchfield, John, to Cole Polymers Limited. Preservation of structures. 4,500,568, 2-19-85, Cl. 427-294.000.

Pearson, Michael L.: *See—*

Winter, David C.; Pearson, Michael L.; and Long, John D., 4,493,375, Cl. 172-1.000.

Pearson, Raymond H., to Whitehall Corporation. Marine seismic streamer coupler. 4,530,075, 7-16-85, Cl. 367-20.000.

Pearson, Richard K.: *See—*

McGuire, Raymond R.; Coon, Clifford L.; Harrar, Jackson E.; and Pearson, Richard K., 4,525,252, Cl. 204-101.000.

Pearson, Robert E. Flip top can cover. 4,494,672, 1-22-85, Cl. 220-263.000.

Pearson, Robert E. Means and method for color separation and reproduction. 4,509,854, 4-9-85, Cl. 355-38.000.

Pearson, Robert L.: *See—*

Hastings, Jerome K.; Bigelow, James H.; and Pearson, Robert L., 4,521,757, Cl. 335-79.000.

Pearson, Vernon W.: *See—*

Hagemeyer, Kenneth L.; and Pearson, Vernon W., 4,533,287, Cl. 409-234.000.

Pearson, Walter C.; and Thompson, Dorman N., Jr., to Minnesota Mining and Manufacturing Company. Apparatus for binding sheets together. 4,518,296, 5-21-85, Cl. 412-37.000.

Pearson, William K. J.: *See—*

Bryant, Greyham F.; Spooner, Peter D.; and Pearson, William K. J., 4,537,050, Cl. 72-8.000.

Peart, Whitcomb S.; and Baldvins, Jon O., to Markem Corporation. Process for forming permanent images using carrier supported inks containing sublimable dyes. 4,541,340, 9-17-85, Cl. 101-470.000.

Peascoe, Warren J.: *See—*

Ahnemiller, James; and Peascoe, Warren J., 4,525,487, Cl. 521-78.000.

Hunter, Byron A.; Rowland, Donald G.; and Peascoe, Warren J., 4,554,294, Cl. 521-93.000.

Pease, Floyd T.; and Shelton, Joseph T., to Sonat Offshore Drilling Inc. Quick disconnect/connect mooring method and apparatus for a turret moored drillship. 4,509,448, 4-9-85, Cl. 114-293.000.

Pease, Nicolas C., to International Standard Electric Corporation. Flaw detection in wire drawing. 4,538,463, 9-3-85, Cl. 73-587.000.

Peash, Douglas E.: *See—*

Carpenter, Paul E.; Fisher, Charles B.; and Peash, Douglas E., 4,520,424, Cl. 361-383.000.

Peavey Electronics Corp.: *See—*

Peavey, Hartley D.; and Powers, Michael V., 4,522,101, Cl. 84-1.160.

Peavey, Hartley D.; and Powers, Michael V., to Peavey Electronics Corp. Mounting ring and thumbrest. 4,522,101, 6-11-85, Cl. 84-1.160.

Pebea N.V.: *See—*

Brechbuhler, Fritz, 4,549,384, Cl. 52-704.000.

Pebeyre, Pierre-Jean; Gleyze, Rene; and Montant, Charles, to S. A. Pebeyre. Product for the fertilization of mycorhizal mushrooms and application to the fertilization of truffle-beds. 4,537,613, 8-27-85, Cl. 71-5.000.

Pecak, Tadeusz, to NCR Canada Ltd. Sheet decelerating and stopping apparatus. 4,557,473, 12-10-85, Cl. 271-229.000.

Pecci, Michel, to Castolin S.A. Process for manufacturing a moulding plunger for hollow glass objects. 4,541,474, 9-17-85, Cl. 164-46.000.

Peccoud, Louise: *See—*

Laporte, Philippe; and Peccoud, Louise, 4,491,496, Cl. 156-345.000.

Peccoud, Michel: *See—*

Billon-Pierron, Claude; Chavand, Jean; and Peccoud, Michel, 4,528,435, Cl. 219-69.00M.

Pecen, Jiri: *See—*

Galbraith, Lee K.; and Pecen, Jiri, 4,512,659, Cl. 356-243.000.

Pecenka, Frank, to Cordis Corporation. Detachable balloon catheter. 4,517,979, 5-21-85, Cl. 128-325.000.

Pech, Georg: *See—*

Schuchardt, Kurt; Scholz, Harald; Neuss, Hans W.; and Pech, Georg, 4,552,727, Cl. 422-241.000.

Pechacek, Raymond E., to Hahn & Clay. Frame for constructing a hemispherical multi-layered shell. 4,538,798, 9-3-85, Cl. 269-289.00R.

Pechar, Henry, to Standard Microsystems Corporation. Clock generator. 4,547,684, 10-15-85, Cl. 307-481.000.

Pechau, Gerhard; Wyzgol, Ewald; and Jacob, Rudi, to VEB Schwermaschinenbau-Kombinat "Ernst Thalmann" Magdeburg. Rotating shear for high-speed wire-rolling line. 4,494,427, 1-22-85, Cl. 83-306.000.

Peche, Gerhard; and Bialkowski, Gunter, to Siemens Aktiengesellschaft. Vacuum switch tube. 4,497,990, 2-5-85, Cl. 200-144.00B.

Pecheux, Jean-Claude, to Societe Anonyme: Compagnie Generale de Materiel Orthopedique. Traction-suspension device with transosseous pin. 4,501,267, 2-26-85, Cl. 128-84.00R.

Pechiney Ugine Kuhlmann: *See—*

Crussard, Charles; Maurel, Pierre; and Bonhomme, Jean, 4,511,540, Cl. 423-26.000.

Perrot, Michel; and Jaccaud, Michel, 4,518,569, Cl. 423-19.000.

Peciar, Jozef: *See—*

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Peck, Alan M., to USM Corporation. System for processing workpieces for sewing. 4,510,875, 4-16-85, Cl. 112-121.120.

Peck, Alan M.; Reedman, David C.; Graveling, Frederick J.; Moore, David; and Mansfield, Graham J., to USM Corporation. Determining an operating path of a tool in relation to a three-dimensional surface of a workpiece. 4,541,054, 9-10-85, Cl. 364-474.000.

Peck, Alan M., to USM Corporation. Pattern assignment system. 4,548,142, 10-22-85, Cl. 112-121.120.

Peck, Anthony F., to Britax Vega Limited. Vehicle lamp assembly. 4,525,772, 6-25-85, Cl. 362-290.000.

Peck, Daniel A.; and Callaghan, Vincent M., to Combustion Engineering, Inc. Vessel liquid level indication. 4,521,371, 6-4-85, Cl. 376-245.000.

Peck, Douglas J.; and Spigarelli, Donald J., to USM Corporation. Single vapor system for soldering, fusing or brazing. 4,558,524, 12-17-85, Cl. 34-78.000.

Peck, Douglas J.: *See—*

Spigarelli, Donald J.; Peck, Douglas J.; Hall, Walter J.; and Finney, James L., 4,541,358, Cl. 118-58.000.

Peck, Gene E.: *See—*

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Peck, George C.: *See—*

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Peck & Hale, Inc.: *See—*

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Peck, Michael C., to Union Camp Corporation. Water reducible polyamides. 4,514,540, 4-30-85, Cl. 524-514.000.

Peck, Paul P. Animal transport and grooming device. 4,509,461, 4-9-85, Cl. 119-103.000.

Peck, Peter F., to United Kingdom Atomic Energy Authority. Detection of concealed materials. 4,494,001, 1-15-85, Cl. 250-358.100.

Peck, Stephen R.; and Sharp, John B., to AT&T Information Systems Inc. Plural communication channel protocol support systems. 4,534,023, 8-6-85, Cl. 370-58.000.

Peck, William, to Hill-Rom Company, Inc. Bed having articulated frame. 4,559,655, 12-24-85, Cl. 5-66.000.

Peckels, Jean; and Schaaf, Antoine, to Arbed S.A. Apparatus for regulating the delivery of solid materials by a blowing lance. 4,519,587, 5-28-85, Cl. 266-80.000.

Peckels, Jean: *See—*

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Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr.; and Borg, Sidney, 4,500,428, Cl. 210-609.000.

Peckham, George W. Hopper car gate opener and method of operating a hopper car gate. 4,522,545, 6-11-85, Cl. 414-376.000.

Peckson USA Corp.: *See—*

Splinter, Bob C., 4,513,205, Cl. 250-507.100.

Pecorari, John G.: *See—*

Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.

Pecoraro, George A.: *See—*

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Pecoraro, Theresa A.; and Chianelli, Russell R., to Exxon Research & Engineering Co. Hydrogenation processes using carbon-containing molybdenum and tungsten sulfide catalysts. 4,528,089, 7-9-85, Cl. 208-216.00R.

Pecoraro, Theresa A.; Krug, Russell R.; and Deady, Joanne, to Chevron Research Company. Cracking of heavy hydrocarbons with improved yields of valuable liquid products. 4,551,229, 11-5-85, Cl. 208-76.000.

Pecoraro, Theresa A.: *See—*

Chianelli, Russell R.; and Pecoraro, Theresa A., 4,508,847, Cl. 502-200.000.

Pecorini, Claude. Device for remotely passing a cord in or around an anchoring member. 4,518,184, 5-21-85, Cl. 294-19.100.
Pecorino, Martin C. Field test instrument for horizontal output circuits. 4,533,869, 8-6-85, Cl. 324-158.00R.
Pecukonis, Joseph P., to Pasar, Inc. Tracing electrical conductors by high-frequency loading and improved signal detection. 4,491,785, 1-1-85, Cl. 324-67.000.
Pecukonis, Joseph P., to Pasar, Inc. High-frequency amplifier with enhanced gain from use of the Miller effect capacitance. 4,531,101, 7-23-85, Cl. 330-302.000.
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  Breidenbach, Peter; Hurnik, Helmut; and Pedain, Josef, 4,518,729, Cl. 524-101.000.
  Halpaap, Reinhard; Pedain, Josef; Thoma, Wilhelm; and Grammel, Jurgen, 4,530,990, Cl. 528-53.000.
  Noll, Klaus; Pedain, Josef; and Potter, Terry, 4,559,397, Cl. 528-45.000.
  Scholl, Hans-Joachim; Pedain, Josef; Riberi, Bernd; and Mennicken, Gerhard, 4,552,946, Cl. 528-67.000.
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Pedersen, Marvin A., to United States of America, Navy. Range clearance by enhancing oxidation of ferrous ordnance in-situ. 4,493,239, 1-15-85, Cl. 89-1.130.
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Pedersen, Norman E., to Panametrics, Inc. Method and apparatus for feedback stabilized photometric detection in fluids. 4,491,730, 1-1-85, Cl. 250-343.000.
Pedersen, Poul H. H., to Danfoss A/S. Reaction type hydraulic steering control unit. 4,532,764, 8-6-85, Cl. 60-384.000.
Pedersen, Raymond J., to International Business Machines Corporation. Binary number substitution mechanism in a control store element. 4,531,199, 7-23-85, Cl. 364-900.000.
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Pedersen, Sven: *See—*
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Pedersen, Svend P.: *See—*
  Andresen, Erik E.; and Pedersen, Svend P., 4,518,147, Cl. 251-121.000.
Pederson, Harold T., Jr.: *See—*
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Pederson, Richard H., to Fisher Controls International, Inc. Charge amplifier with automatic zero. 4,543,536, 9-24-85, Cl. 330-85.000.
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  Kane, James G.; Pedicano, Ernest A.; and Pedicano, James, 4,501,421, Cl. 272-96.000.
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Pedretti, Gaetano; and Marazzi, Paolo, to Cerim, S.P.A. Machine for the automatic carding of uppers for footwear. 4,555,823, 12-3-85, Cl. 12-77.000.
Pedrick, Joseph F.; and Spector, George. Band grips. 4,513,801, 4-30-85, Cl. 152-213.00R.
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Pedroso, Raul I.: *See—*
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Pedrotte, Charles E., to Cormat, Inc. Buffing wheel hub. 4,504,999, 3-19-85, Cl. 15-230.100.
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  Carl, Robert H., Jr.; Koontz, Floyd; and Pedtke, Daniel F., 4,502,025, Cl. 333-24.00R.
Peebles, John A.: *See—*
  Keir, Grant G. H.; Peebles, John A.; McNab, Jonas K.; and Campbell, Ian N., 4,508,260, Cl. 232-43.100.
Peebles, William C., Jr.; and Bowers, Cecil W., to Flanders Filters, Inc. Housing for high efficiency particulate air filters. 4,521,234, 6-4-85, Cl. 55-481.000.
Peebles, William C., Jr.: *See—*
  Wood, Joseph A.; and Peebles, William C., Jr., 4,535,811, Cl. 137-601.000.
Peede, Michael R.: *See—*
  Blair, Robert E.; and Peede, Michael R., 4,495,329, Cl. 524-774.000.
Peehs, Martin: *See—*
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  James, Benjamin B.; and Peel, Edward, 4,538,038, Cl. 200-61.710.
Peel, Geoffrey C., to U.S. Philips Corporation. Television transmitter. 4,553,162, 11-12-85, Cl. 358-144.000.
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  Miles, Ronald C.; Geren, George W.; and Peel, R. W., 4,500,402, Cl. 204-242.000.
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Peel Truck & Trailer Repair Ltd.: *See—*
  DiFranco, Dioniso, 4,494,896, Cl. 410-148.000.
Peelle, Thomas B.: *See—*
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Peelman, Harold E.: *See—*
  Richter, Albert P., Jr.; and Peelman, Harold E., 4,517,459, Cl. 250-261.000.
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  Beckmann, Friedrich K.; Helzel, Thomas; and Peemoller, Horst, 4,496,202, Cl. 339-5.00R.

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  - Davison, John B.; Jasinski, Raymond J.; and Peerce-Landers, Pamela J., 4,499,025, Cl. 260-465.00R.
- Peerenboom, Robert J.: *See—*
  - Wolfe, Dexter L.; and Peerenboom, Robert J., 4,543,098, Cl. 604-370.000.
- Peerless Machine & Tool Corporation: *See—*
  - Dempsey, Edmond N., 4,497,620, Cl. 425-145.000.
- Peerless Manufacturing Company: *See—*
  - Fisher, Don J.; and North, Donald F., 4,526,378, Cl. 277-12.000.
- Peerless Nuclear Corporation: *See—*
  - Di Noia, Emanuel J.; and Breunich, Theodore R., 4,524,624, Cl. 73-708.000.
- Peerless of America, Inc.: *See—*
  - Pasternak, Stephen F.; and Wohrstein, Franz X., 4,554,970, Cl. 165-181.000.
- Peerman, Dwight E.; and Rogier, Edgar R., to Henkel Corporation. Hydroxymethyl polyols. 4,496,487, 1-29-85, Cl. 260-404.000.
- Peerman, Dwight E.; Kanten, H. Gorden; and Bonnema, Kelvin K., to Henkel Corporation. Paintbrush embedment compound and paintbrush construction and method embodying same. 4,525,890, 7-2-85, Cl. 15-193.000.
- Peerman, Dwight E.; and Rogier, Edgar R., to Henkel Corporation. Alkoxylated polyester polyols. 4,534,907, 8-13-85, Cl. 260-410.600.
- Peerman, Dwight E.; and Rogier, Edgar R., to Henkel Corporation. Alkoxylated polyester polyols and polyurethanes made therefrom. 4,543,369, 9-24-85, Cl. 521-137.000.
- Peerman, Dwight E.; DiDomenico, Edward; Frisch, Kurt C.; and Meffert, Alfred, to Henkel Corporation. Urethane forming compositions based on fatty polyols. 4,546,120, 10-8-85, Cl. 521-159.000.
- Peerman, Dwight E.; and Frisch, Kurt C., to Henkel Corporation. Polyurethane adhesives with improved water resistance containing a hydroxymethyl fatty polyol. 4,561,922, 12-31-85, Cl. 156-331.400.
- Peers-Trevarton, Charles A., to Cordis Corporation. Quick lock/quick release connector. 4,540,236, 9-10-85, Cl. 339-45.00R.
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  - Dorman, Frederick S.; and Peers-Trevarton, Charles A., 4,541,681, Cl. 339-100.000.
- Peery, John R.; and Eckenhoff, James B., to ALZA Corporation. Manually operable rotary syringe. 4,505,702, 3-19-85, Cl. 604-209.000.
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  - Eckenhoff, James B.; Place, Virgil A.; and Peery, John R., 4,539,004, Cl. 604-131.000.
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- Pees, James M.; and Neubauer, Jerry L., to General Motors Corporation. Pneumatic vehicle suspension unit with air sleeve guide. 4,527,781, 7-9-85, Cl. 267-64.240.
- Pees, James M.: *See—*
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- Peet, Norton P.; and Sunder, Shyam, to Dow Chemical Company, The. 3,6,7,8-substituted-s-triazolo[4,3-b]pyridazines as bronchodilators. 4,526,890, 7-2-85, Cl. 514-248.000.
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- Peet, William G.; and Tebbe, Frederick N., to Du Pont de Nemours, E. I., and Company. Process for making alkali-metal tetraorganylborates. 4,510,327, 4-9-85, Cl. 568-1.000.
- Peeters, Hermann; Vogt, Wilhelm; and Theis, Christoph, to Dynamit Nobel Aktiengesellschaft. Method of preparing acetals and enol ethers from acyloxymethylene compounds. 4,534,910, 8-13-85, Cl. 260-465.600.
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- Peeters, Hugo J. P.: *See—*
  - Debuysscher, Pierre L.; Peeters, Hugo J. P.; and Hennebel, Christiaan G. M. M., 4,553,233, Cl. 370-16.000.
- Peeters, Joannes M. T.: *See—*
  - Op De Beeck, Herbert K. M.; Peeters, Joannes M. T.; and Steeman, Peter K. R. M., 4,527,083, Cl. 313-25.000.
- Peeters, Winfried L.; Ponjee, Johannes J.; and Martens, Jan W. D., to U.S. Philips Corporation. Optical recording element. 4,493,887, 1-15-85, Cl. 430-275.000.
- Peetz, Walter; Wilking, Hans; and Kafitz, Egon, to Keiper Recaro GmbH & Co. Adjusting arrangement for seat, particularly power vehicle seat. 4,538,855, 9-3-85, Cl. 297-362.000.
- Peetz, Walter: *See—*
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- Peffer, John R.: *See—*
  - Ambrose, Ronald R.; Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., 4,540,771, Cl. 528-272.000.
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  - Chang, Wen-Hsuan; McKeough, David T.; and Peffer, John R., 4,501,872, Cl. 528-18.000.
- Peffer, Robert M., to Eastman Kodak Company. Sheet film buffer station. 4,547,058, 10-15-85, Cl. 355-3.0SH.
- Peffley, Marilyn S.: *See—*
  - Ingle, William M.; Peffley, Marilyn S.; and Setty, H. S. Nagaraja, 4,526,769, Cl. 423-342.000.
- Peffley, Richard D.: *See—*
  - Olstowski, Franciszek; and Peffley, Richard D., 4,521,330, Cl. 252-51.50R.
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  - Brisbane, Roger M.; and Peffley, Thomas R., 4,539,963, Cl. 123-494.000.
- Pefley, Richard K.; and Pullman, James B., to Prodatek Corporation. Liquid fuel system method and apparatus. 4,503,832, 3-12-85, Cl. 123-527.000.
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  - Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.
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- Pegg Whiteley Limited: *See—*
  - Walsh, Ray P.; and Smith, David H., 4,541,156, Cl. 26-81.000.
- Pegram, Warren J., to AMP Incorporated. Self-centering cable fastener. 4,517,408, 5-14-85, Cl. 174-153.00G.
- Pegrassi, Lorenzo: *See—*
  - Bernardi, Luigi; Lazzari, Ettore; Malnati, Maria L.; Mazzini, Giuseppe; Pegrassi, Lorenzo; and Rossi, Alessandro, 4,558,049, Cl. 514-234.000.
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  - Peham, Engelbert J., 4,532,850, Cl. 84-173.000.
- Pehart, Paul. Pupillary distance measuring instrument. 4,514,906, 5-7-85, Cl. 33-200.000.
- Pehkonen, Robert: *See—*
  - Yoakam, David; Campbell, Robert; and Pehkonen, Robert, 4,554,887, Cl. 118-666.000.
- Pehl, Willis G.: *See—*
  - Bockwinkel, Joe L.; and Pehl, Willis G., 4,499,701, Cl. 52-555.000.
- Pehler, Rebecca C. C.; Whiteman, James R.; and Witte, Arnold C., Jr., to Texaco Inc. Lithium soap grease additive. 4,536,308, 8-20-85, Cl. 252-32.70E.
- Pehrson, Jens E.: *See—*
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  - Englehardt, Paul, 4,550,945, Cl. 296-100.000.
- Peiffer, Dennis G.; Lundberg, Robert D.; and Walker, Thad O., to Exxon Research & Engineering Co. Fluid loss additive for well drilling. 4,510,998, 4-16-85, Cl. 166-295.000.
- Peiffer, Dennis G.; Lundberg, Robert D.; Duvdevani, Ilan; and Thaler, Warren A., to Exxon Research & Engineering Co. Nonaqueous solvent soluble polyampholytes-viscosifier and shear thickening additive. 4,520,158, 5-28-85, Cl. 524-481.000.
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  - Kowalik, Ralph M.; Duvdevani, Ilan; Peiffer, Dennis G.; and Lundberg, Robert D., 4,508,128, Cl. 137-13.000.
  - Lundberg, Robert D.; Peiffer, Dennis G.; Duvdevani, Ilan; and Phillips, Robert R., 4,497,923, Cl. 524-107.000.
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  - Schulz, Donald N.; Peiffer, Dennis G.; Kowalik, Ralph M.; and Kaladas, Jeffrey J., 4,560,710, Cl. 523-175.000.
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- Peik, Jerry A.; Steenbergen, Suzanna M.; and Hayden, Harold R., to Merck & Co., Inc. Heteropolysaccharide S-198. 4,529,797, 7-16-85, Cl. 536-123.000.

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- Peil, William, to General Electric Company. Dual load remote power control for a ceiling fan. 4,560,909, 12-24-85, Cl. 315-291.000.
- Peil, William: *See—*
  - Bitting, Ricky F.; Peil, William; and Brown, Thomas A., 4,494,055, Cl. 318-254.000.
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- Peinado, Charles O.: *See—*
  - Venkatesh, Mandyam C.; Peinado, Charles O.; and Koutz, Stanley L., 4,554,129, Cl. 376-298.000.
- Peinsipp, Alice A.: *See—*
  - Rasmussen, Russell G.; Peinsipp, Alice A.; and Breslow, Jeffrey D., 4,544,156, Cl. 273-5.00A.
- Peirish, Howard W. Flow control device. 4,494,257, 1-22-85, Cl. 4-508.000.
- Peisach, Joel M.: *See—*
  - Eloranta, Vaito K.; Peisach, Joel M.; and Rogers, Donald E., Jr., 4,534,053, Cl. 378-167.000.
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- Peisker, Glenn; Christiansen, Keith; and Jaime, Gil, to Chicago Rawhide Manufacturing Company. Composite teflon helix seal. 4,501,431, 2-26-85, Cl. 277-134.000.
- Peitz, Bernard: *See—*
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- Pejouhy, Radi, to Texas Instruments Incorporated. Recessed lighting fixture and an insulation detecting protector device therefor. 4,536,817, 8-20-85, Cl. 361-105.000.
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- Pekar, Howard G.: *See—*
  - Kinkelaar, Edmund W.; and Pekar, Howard G., 4,550,037, Cl. 427-443.100.
- Pekarich, Steven P.: *See—*
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- Pekosh, Raymond J.: *See—*
  - Fendley, James R.; Kraner, James L.; and Pekosh, Raymond J., 4,559,019, Cl. 445-67.000.
- Pelaez, Joaquin: *See—*
  - Staley, Lorie L.; and Pelaez, Joaquin, 4,510,164, Cl. 426-331.000.
- Pelam, Inc.: *See—*
  - McCormick, James B., 4,557,903, Cl. 422-101.000.
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  - Kinsolving, C. Richard, 4,520,132, Cl. 514-560.000.
  - McElligott, Paul J., Jr., 4,549,993, Cl. 260-543.00R.
  - Miller, Walter J., 4,544,571, Cl. 427-40.000.
  - Mills, George A.; and Richert, Gerald R., 4,515,275, Cl. 209-558.000.
  - Milora, David J., 4,521,332, Cl. 252-527.000.
  - Murray, Robert J., 4,537,966, Cl. 546-120.000.
  - Raghunathan, Yegnaswami, 4,517,179, Cl. 514-249.000.
  - Raghunathan, Yegnaswami, 4,522,818, Cl. 514-155.000.
  - Riggi, Stephen J.; and Haszeldine, Robert N., 4,524,152, Cl. 514-609.000.
  - Sanchez, Jose, 4,525,308, Cl. 260-453.0RZ.
  - Sandler, Stanley R., 4,546,205, Cl. 568-421.000.
  - Shukla, Rahul B.; and Shipman, Douglas L., 4,535,576, Cl. 51-413.000.
  - Simkin, Joseph, 4,497,793, Cl. 424-32.000.
  - Smith, Gary T., 4,534,156, Cl. 53-503.000.
  - Strauss, Theodore R., 4,497,749, Cl. 261-64.00B.
  - Tubbs, Paul; and King, James, 4,557,839, Cl. 252-23.000.
  - Washkuhn, Richard J., 4,533,351, Cl. 604-293.000.
  - Welander, Ulf E. S.; McDavid, William D.; and Morris, Charles R., 4,534,048, Cl. 378-39.000.
  - Wheaton, Gregory A.; and Gardner, David M., 4,491,570, Cl. 423-484.000.
  - Wu, Edwin S., 4,495,198, Cl. 514-456.000.
  - Wu, Edwin S., 4,501,755, Cl. 514-456.000.
- Penny, Charles, to McMenamy, Bernard M. Compacting apparatus. 4,557,632, 12-10-85, Cl. 405-267.000.
- Penny, Michael F.; Woodcock, Brian; Abbot, Ralph H.; Phillips, David M.; and Spaans, Leendert B., to Commonwealth of Australia, The. Ocean depth sounding from the air by laser beam. 4,518,254, 5-21-85, Cl. 356-5.000.
- Pennystone, Anna G. Anti-rape device. 4,508,114, 4-2-85, Cl. 128-138.00R.
- Pennywise Enterprises, Inc.: *See—*
  - Rosenthal, Philip R., 4,504,888, Cl. 362-18.000.
- Pennzoil Company: *See—*
  - Magyar, Arpad M.; and Smith, Gerald G., 4,501,825, Cl. 521-78.000.
- Penquite, Charles R.: *See—*
  - Coleman, James P.; Hallcher, Richard C.; McMackins, Dudley E.; Penquite, Charles R.; and Auvil, Steven R., 4,560,775, Cl. 549-326.000.
- Penrod, Paula M.: *See—*
  - Fitzgerald, Gary W.; Gulibon, Robert S.; and Penrod, Paula M., 4,553,884, Cl. 408-143.000.
- Penrose, Lee: *See—*
  - Carson, Donald W.; Penrose, Lee; Leich, Joseph E.; and Caugherty, William C., 4,550,455, Cl. 4-480.000.
- Pensa, Inc.: *See—*
  - Stubblefield, Jerry D., 4,546,556, Cl. 36-32.00R.
  - Stubblefield, Jerry D., 4,550,510, Cl. 36-32.00R.
- Penso, Luigi: *See—*
  - Bettini, Giuliano; Penso, Luigi; and Rodriguez, Giuseppe, 4,496,949, Cl. 343-7.700.
- Pentad Corp.: *See—*
  - Stagg, George A., Jr., 4,545,578, Cl. 273-144.00B.
- Pentek Corporation: *See—*
  - Dyer, Thomas A., 4,519,493, Cl. 198-414.000.
  - Hoover, Alan A.; and Harris, Richard D., 4,534,462, Cl. 198-781.000.
- Pentel Kabushiki Kaisha: *See—*
  - Abe, Kiyomi, 4,492,818, Cl. 178-18.000.
  - Hashimoto, Junichi, 4,500,220, Cl. 401-53.000.
  - Hashimoto, Junichi; and Sekiguchi, Tomozo, 4,504,163, Cl. 401-53.000.
  - Iwata, Masahiro; Miyashita, Yushi; and Taka, Yuichi, 4,557,618, Cl. 401-34.000.
  - Minami, Hitoshi, 4,515,487, Cl. 400-121.000.
  - Ninomiya, Yuki; and Yagi, Haruhiko, 4,545,694, Cl. 400-124.000.
  - Saito, Sigeru; Shimizu, Takahiko; and Tamura, Takasi, 4,522,525, Cl. 401-258.000.
  - Sakaoka, Gouji; and Ishikawa, Takashi, 4,521,126, Cl. 401-65.000.
  - Shimizu, Takahiko; Fukui, Hishao; and Kohno, Tadashi, 4,525,092, Cl. 401-265.000.
- Penterson, Craig A.; and Langille, Donald S., to Riley Stoker Corporation. Furnace, burner and method for burning pulverized coal. 4,517,904, 5-21-85, Cl. 110-264.000.
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- Pentikainen, Seppo: *See—*
  - Pentikainen, Ismo; Pentikainen, Seppo; and Pentikainen, Timo, 4,558,731, Cl. 165-4.000.
- Pentikainen, Timo: *See—*
  - Pentikainen, Ismo; Pentikainen, Seppo; and Pentikainen, Timo, 4,558,731, Cl. 165-4.000.
- Penton, Harold R., to Ethyl Corporation. Polyphosphazene process. 4,514,550, 4-30-85, Cl. 525-538.000.

Penton, Perry W., to NCR Corporation. Apparatus for measuring program execution. 4,511,961, 4-16-85, Cl. 364-200.000.
Pentron Corporation: *See—*
Waknine, Samuel, 4,544,359, Cl. 523-115.000.
Waknine, Samuel, 4,547,531, Cl. 523-116.000.
Penttila, Pertti. Liquid-tight cardboard barrel and method and device for manufacturing said barrel. 4,556,166, 12-3-85, Cl. 229-3.100.
Penty, Robert A.: *See—*
Sarin, Vinod K.; Penty, Robert A.; and Buljan, Sergej-Tomislav, 4,497,228, Cl. 82-1.00C.
Pentz, William J., to QO Chemicals, Inc. Chemical compositions and methods. 4,548,752, 10-22-85, Cl. 260-330.900.
Penz, Perry A.; and Sampsell, Jeffrey B., to Texas Instruments Incorporated. Process for plastic LCD fill hole sealing. 4,500,171, 2-19-85, Cl. 350-320.000.
Penz, Perry A., to Texas Instruments Incorporated. Plastic liquid crystal devices with unequal substrate thicknesses. 4,523,812, 6-18-85, Cl. 350-334.000.
Penz, Perry A.; Petcavich, Robert J.; Stearns, William P.; and Sanders, Larry W., to Texas Instruments Incorporated. Biaxial substrates in light modulating devices. 4,533,214, 8-6-85, Cl. 350-334.000.
Penz, Perry A. Stacked LCD graphics display. 4,547,043, 10-15-85, Cl. 350-335.000.
Penzien, Joseph, to University of California, The Regents of the. Structure failure detector with signal transmission through the structure itself. 4,502,041, 2-26-85, Cl. 340-532.000.
Penzien, Klaus: *See—*
Naermann, Herbert; Munch, Volker; and Penzien, Klaus, 4,560,593, Cl. 427-443.100.
Penzo, Alessandro: *See—*
Ciordinik, Jacques; and Penzo, Alessandro, 4,558,308, Cl. 340-550.000.
Peoples, Clarence, Jr.; Puydak, Robert C.; and Jansen, Deborah S., to Exxon Research & Engineering Co.; and Collins & Aikman Corporation, a part interest to each. Extruded carpet backing with resin and elastomer components. 4,508,771, 4-2-85, Cl. 428-95.000.
Peoples, Clarence A., Jr.; Hicks, Jacquelyn S.; and Smith, Vernon C., to Collins & Aikman Corporation. Molded foam-backed carpet assembly and method of producing same. 4,529,639, 7-16-85, Cl. 428-95.000.
PeopLoungers, Inc.: *See—*
Griggs, Alvie, Jr., 4,506,926, Cl. 297-83.000.
Peper, Henry; Eaton, Thomas E.; and Ferguson, Edward J., to Gillette Company, The. Pressurized cartridge for a writing instrument. 4,498,797, 2-12-85, Cl. 401-141.000.
Pepera, Marc A.: *See—*
Desmond, Michael J.; and Pepera, Marc A., 4,504,590, Cl. 502-73.000.
Peperakis, Angelo, Jr.: *See—*
Ryan, Norman W.; and Peperakis, Angelo, Jr., 4,558,743, Cl. 166-303.000.
Pepin, Jean P. Insulation support. 4,512,130, 4-23-85, Cl. 52-404.000.
Peplow, Marvin J.: *See—*
Voss, Roy N.; and Peplow, Marvin J., 4,530,472, Cl. 242-55.300.
Pepoy, Louis J.: *See—*
Patil, Arvind S.; Bantjes, John H.; Pepoy, Louis J.; and Sappok, Reinhard J., 4,525,217, Cl. 106-304.000.
Peppel, George W.: *See—*
Sullivan, Paul E.; and Peppel, George W., 4,515,399, Cl. 285-95.000.
Pepper, John T., Sr.; and Felter, Brian A. Sling hook. 4,542,840, 9-24-85, Cl. 224-150.000.
Pepper, Kenneth V., to Bemis Manufacturing Company. Rainwater gutter sealing arrangement. 4,553,356, 11-19-85, Cl. 52-11.000.
Pepper, Kenneth V., to Bemis Manufacturing Company. Adjustable rainwater gutter mounting arrangement. 4,553,357, 11-19-85, Cl. 52-12.000.
Pepper, Michael: *See—*
Roberts, Derek H.; and Pepper, Michael, 4,559,549, Cl. 357-24.000.
Pepper, Robert B.; and Maples, James A., to Pepper, Robert B. Position sensing and indicating device. 4,514,817, 4-30-85, Cl. 364-480.000.
Pepper, Roger T.; Nelson, Daniel C.; and Lewing, Douglas S., to Fiber Materials, Inc. Method of producing carbon fiber and product thereof. 4,526,770, 7-2-85, Cl. 423-447.400.
Pepper, William, Jr.: *See—*
Schalkowsky, Samuel; and Pepper, William, Jr., 4,517,292, Cl. 435-32.000.
Peppers, James M. Wall bore electrical generator. 4,532,614, 7-30-85, Cl. 367-81.000.
Peppiatt, Harry R.; and Thomas, John S., to Paramount Packaging Corporation. Plastic bag with carrying handle. 4,550,439, 10-29-85, Cl. 383-8.000.
Peppler, Michael S., to AMP Incorporated. Cable shield grounding clamp. 4,498,715, 2-12-85, Cl. 339-14.00R.
Peppler, Walter W.: *See—*
Mistretta, Charles A.; Peppler, Walter W.; Kudva, Balakrishna V.; Hasegawa, Bruce H.; and Dobbins, James T., III, 4,497,062, Cl. 378-158.000.
PepsiCo Inc.: *See—*
Ariel, Gideon B., 4,544,154, Cl. 272-129.000.
McGarrah, Robert, 4,553,573, Cl. 141-98.000.
Szerenyi, Peter; and Ringleib, Colin J., 4,517,135, Cl. 261-104.000.
Pera, Didier: *See—*
Pera, Jean; and Pera, Didier, 4,498,382, Cl. 100-117.000.
Pera, Eugene R., to Peratron Corporation. Programmable electronic display. 4,496,946, 1-29-85, Cl. 340-796.000.
Pera, Jean; and Pera, Didier, to Societe S.O.M.A.V.I. Screw press for grape crop. 4,498,382, 2-12-85, Cl. 100-117.000.
Pera, John D.: *See—*
Fenyes, Joseph G.; and Pera, John D., 4,505,831, Cl. 252-34.000.
Fenyes, Joseph G.; and Pera, John D., 4,506,081, Cl. 548-523.000.
Pera, Luciano; Boggero, Armando; Manassero, Giorgio; and Gay, Paolo, to Centro Ricerche Fiat S.p.A. Device for modifying and uniforming the distribution of the intensity of a power laser beam. 4,491,383, 1-1-85, Cl. 350-66.000.
Perach, Asi, to AMBAC Industries, Incorporated. Control valve assembly. 4,538,645, 9-3-85, Cl. 137-625.650.
Peralta, Eduardo J.; and Reitz, Kay M., to Ford Aerospace & Communications Corporation. Imaging radar seeker. 4,562,439, 12-31-85, Cl. 343-17.10R.
Perara, Thomas E., to Allied Corporation. Flight recorder having capability of storing intermediate data. 4,510,803, 4-16-85, Cl. 73-178.00R.
Peratron Corporation: *See—*
Pera, Eugene R., 4,496,946, Cl. 340-796.000.
Peraud, Jean-Claude: *See—*
Fournier, Pascal; and Peraud, Jean-Claude, 4,520,859, Cl. 164-253.000.
Perazzolo, Eugenio; and Tomasi, Mauro, to Rainer s.r.l. Machine tool for working sheet metal. 4,538,493, 9-3-85, Cl. 83-530.000.
Perbet, Jean-Noel: *See—*
Hareng, Michel; Hehlen, Robert; Marcenac, Philippe; Le Berre, Serge; Leclerc, Pierre; and Perbet, Jean-Noel, 4,525,708, Cl. 340-713.000.
Hareng, Michel; Perbet, Jean-Noel; and Defrance, Michel, 4,525,709, Cl. 340-719.000.
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Percec, Virgil, to B. F. Goodrich Company, The. Crosslinkable difunctionalized polyarylene polyethers. 4,562,243, 12-31-85, Cl. 528-174.000.
Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., to SCM Corporation. Acidulated meat emulsion. 4,497,845, 2-5-85, Cl. 426-646.000.
Percel, Phillip J.; and Perkins, Douglas W., to SCM Corporation. Particulate food acidulant. 4,511,584, 4-16-85, Cl. 426-99.000.
Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., to SCM Corporation. Preparation of acidulated meat emulsions. 4,511,592, 4-16-85, Cl. 426-646.000.
Percel, Phillip J.; and Perkins, Douglas W., to SCM Corporation. Process of preparing a particulate food acidulant. 4,537,784, 8-27-85, Cl. 426-303.000.
Perceptron, Inc.: *See—*
Dewar, Robert, 4,541,721, Cl. 356-375.000.
Perchak, William C.; and Foos, Douglas E., to Plastofilm Industries, Inc. Container with integral closure. 4,505,404, 3-19-85, Cl. 220-339.000.
Perchak, William C., to Plastofilm Industries, Inc. Display/storage package and file therefor. 4,519,500, 5-28-85, Cl. 206-312.000.
Perchermeier, Jurgen: *See—*
Derfler, Heinrich; Perchermeier, Jurgen; and Spitzer, Hermann, 4,559,281, Cl. 428-687.000.
Percic, Milan, to Coulter Stork Patents B.V. Method and apparatus for forming a multicolor proof print. 4,542,979, 9-24-85, Cl. 355-4.000.
Percic, Milan; Schoonderbeek, Hubertus J.; and Alston, Julia M., to Coulter Stork Patents B.V. Apparatus for transferring a toner image from a photoconductive coating to a print sheet. 4,557,583, 12-10-85, Cl. 355-3.0TR.
Perciful, Jerry C.: *See—*
Whiteman, James R.; Edwards, Robert S.; and Perciful, Jerry C., 4,505,832, Cl. 252-42.100.
Percival, Albert: *See—*
Rowson, Graham P.; Percival, Albert; and Judson, Philip N., 4,508,659, Cl. 260-465.00D.
Perdijon, Jean, to Compagnie Generale des Matieres Nucleaires. Ultrasonic echography process and device. 4,557,145, 12-10-85, Cl. 73-621.000.
Perdios, Archimedes M.: *See—*
Pappas, George; and Perdios, Archimedes M., 4,531,251, Cl. 15-147.00R.
Perdiz, Antonio L. Collapsible hairbrush. 4,507,818, 4-2-85, Cl. 15-203.000.
Perdreaux, Rene J.: *See—*
Warrin, George E.; and Perdreaux, Rene J., 4,492,574, Cl. 433-81.000.
Pere, Gerard; and Badaut, Roger, to Creusot-Loire. Motion conversion mechanism. 4,513,630, 4-30-85, Cl. 74-60.000.
Perecman, Jack L., to Minnesota Mining and Manufacturing Company. Package and method of packaging resealable plastic bags. 4,502,599, 3-5-85, Cl. 206-554.000.
Peredy nee Kajtar, Maria: *See—*
Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.
Perego, Ambrogio: *See—*
Horler, Hansulrich; and Perego, Ambrogio, 4,534,700, Cl. 415-135.000.
Perego, Lucio C.: *See—*
Harrod, Lawrence R.; and Perego, Lucio C., 4,555,451, Cl. 429-1.000.

- Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., to W. R. Grace & Co. Catalyst with high geometric surface area. 4,510,261, 4-9-85, Cl. 502-304.000.
- Pereira, Carmo J.; and Hegedus, Louis, to W. R. Grace & Co. Catalyst with high geometric surface area alumina extrudate and catalyst with high geometric surface area. 4,510,263, 4-9-85, Cl. 502-314.000.
- Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., to W. R. Grace & Co. Process for utilizing catalyst with high geometric surface area. 4,541,996, 9-17-85, Cl. 423-213.500.
- Pereira, Carmo J.: *See—*
  - Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,262, Cl. 502-304.000.
  - Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,995, Cl. 423-213.500.
- Pereman, Gordon F.: *See—*
  - Kellar, John D.; and Pereman, Gordon F., 4,511,386, Cl. 65-273.000.
  - Kellar, John D.; and Pereman, Gordon F., 4,511,387, Cl. 65-287.000.
- Perennatorwerk Alfred Hagen GmbH: *See—*
  - Flackett, Dale R.; Jonas, Reinhard; and Trego, Brian R., 4,546,017, Cl. 427-387.000.
- Perenthaler, Egbert: *See—*
  - Gloss, Erwin; Lotterbach, Gerhard; Perenthaler, Egbert; Schenk, Manfred; Van Woudenberg, Jan F.; and Zucker, Udo, 4,556,036, Cl. 123-491.000.
- Perepezko, John H.; and Wiley, John D., to Wisconsin Alumni Research Foundation. Semiconductor device having an amorphous metal layer contact. 4,494,136, 1-15-85, Cl. 357-67.000.
- Perepletchikov, Evgeny F.: *See—*
  - Bragin, Boris F.; Gladky, Petr V.; Markuntovich, Felix D.; Perepletchikov, Evgeny F.; Frumin, Isidor I.; and Ekber, Boris Y., 4,506,865, Cl. 251-366.000.
  - Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.; Perepletchikov, Evgeny F.; and Ekber, Boris Y., 4,534,540, Cl. 251-203.000.
- Perera, S. Robert: *See—*
  - Glover, Neal; O'Keeffe, Michael J.; and Perera, S. Robert, 4,562,577, Cl. 371-38.000.
- Peressini, Eugene R.: *See—*
  - Wakalopulos, George; Hill, Robert A.; and Peressini, Eugene R., 4,558,450, Cl. 372-87.000.
- Peretrukhin, Filipp I.: *See—*
  - Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.
- Peretti, Mark F., to Barry Wright Corporation. Coupling. 4,518,368, 5-21-85, Cl. 464-70.000.
- Perettie, Donald J.: *See—*
  - Stevens, James C.; and Perettie, Donald J., 4,548,686, Cl. 204-158.0HA.
- Perez de la Orden, Marcelino. Lift exit emergency safety system. 4,533,021, 8-6-85, Cl. 187-29.00R.
- Perez, Joaquin P.: *See—*
  - Corma, Avelino C.; Mifsud, Amparo C.; and Perez, Joaquin P., 4,542,002, Cl. 423-331.000.
- Perez, Paul S. Sprinkler control system. 4,545,528, 10-8-85, Cl. 239-1.000.
- Perez, Ricardo L.: *See—*
  - Murphy, Richard D.; Perez, Ricardo L.; and Clelford, Douglas H., 4,500,967, Cl. 364-434.000.
- Perez, Robert. Tool for scarifying concrete. 4,527,728, 7-9-85, Cl. 228-119.000.
- Perez-Tubens, Drucilla M.; and Stewart, Thomas R., to Frontier Antiques, Inc. Garment hanger. 4,542,838, 9-24-85, Cl. 223-87.000.
- PerfectData Corporation: *See—*
  - Davis, C. Paul, 4,498,114, Cl. 360-128.000.
  - Neuman, Eli, 4,527,692, Cl. 206-444.000.
  - Neuman, Eli; and Whitaker, Lew, 4,558,482, Cl. 15-97.00R.
  - Purdy, Richard T.; and Packard, Alden H., 4,499,516, Cl. 360-128.000.
- Perfection Automotive Products Corp.: *See—*
  - Bloom, Stephen R., 4,524,480, Cl. 15-159.00A.
- Perfection Spring & Stamping Corp.: *See—*
  - Seyler, Peter G., 4,529,179, Cl. 267-60.000.
  - Seyler, Peter G., 4,549,325, Cl. 10-86.00R.
- Perfekta Maschinenbau Ferdinand Kleger AG: *See—*
  - Kleger, Ferdinand; and Zeller, Hans, 4,546,546, Cl. 30-273.000.
- Perfetti, Bruno M., to United States Steel Corporation. Corrosion resistant core-plate and coatings therefor. 4,507,360, 3-26-85, Cl. 428-336.000.
- Perfetti, Bruno M., to United States Steel Corporation. Corrosion resistant core-plate and coatings therefor. 4,517,325, 5-14-85, Cl. 524-188.000.
- Perfetti, Bruno M., to United States Steel Corporation. Anti-scaling or marking composition for application to metal products and method of making and using the composition. 4,533,573, 8-6-85, Cl. 427-287.000.
- Performance Controls Company: *See—*
  - Goff, Jerry K.; Marinko, Joseph A., Jr.; Venditto, Joseph G., Jr.; and Yost, Donald A., 4,562,386, Cl. 318-254.000.
- Performance Industries, Inc.: *See—*
  - Boyesen, Eyvind, 4,544,044, Cl. 180-227.000.
  - Boyesen, Eyvind, 4,558,761, Cl. 180-227.000.
- Performance Pool Products, Ltd.: *See—*
  - Cohen, Joseph D., 4,555,334, Cl. 210-169.000.
- Perga, Giampiero: *See—*
  - Guagliumi, Renato; and Perga, Giampiero, 4,541,284, Cl. 73-730.000.
- Pergeau, Raymond J. Card holder. 4,538,813, 9-3-85, Cl. 273-150.000.
- Periana-Pillai, Roy A.: *See—*
  - Bergman, Robert G.; Janowicz, Andrew H.; and Periana-Pillai, Roy A., 4,511,745, Cl. 570-241.000.
  - Renga, James M.; Periana-Pillai, Roy A.; and Frazier, Kevin A., 4,554,372, Cl. 560-161.000.
- Periasamy, Muthunadar P., to Mallinckrodt, Inc. Preparation of trimethoxybenzoate salts and trimethoxybenzoic acid. 4,501,920, 2-26-85, Cl. 562-473.000.
- Pericomp Corporation: *See—*
  - Joannou, Kyriacos; and Coots, William P., 4,506,309, Cl. 360-137.000.
- Peridont, Jean-Pierre: *See—*
  - Otto, Maurice J.; and Peridont, Jean-Pierre, 4,520,596, Cl. 51-55.000.
- Peries, Jean-Pierre: *See—*
  - Billon, Alain; Le Page, Jean-Francois; and Peries, Jean-Pierre, 4,498,974, Cl. 208-96.000.
  - Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, 4,510,042, Cl. 208-59.000.
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- Perigo, John A.; and Divall, John E., to Metal Box p.l.c. Separable couplings for containers. 4,499,932, 2-19-85, Cl. 141-91.000.
- Perilloux, Milton, Jr. Combination table saw. 4,549,455, 10-29-85, Cl. 83-477.200.
- Perilstein, Warren L., to Ethyl Corporation. Alcohol based fuels. 4,508,540, 4-2-85, Cl. 44-53.000.
- Perilstein, Warren L., to Ethyl Corporation. Alcohol based fuels containing corrosion inhibitors. 4,521,219, 6-4-85, Cl. 44-55.000.
- Perini, Sergio. Ski boot. 4,546,558, 10-15-85, Cl. 36-120.000.
- Perino, Didier: *See—*
  - Lewiner, Jacques; Perino, Didier; and Hennion, Claude, 4,546,257, Cl. 250-388.000.
- Periou, Pierre; and Dauvergne, Jean, to Compagnie Industrielle de Mecanismes. Latch, in particular for an automobile vehicle door. 4,541,258, 9-17-85, Cl. 70-263.000.
- Peripheral Dynamics, Inc.: *See—*
  - Garczynski, John S.; Reed, Frank J.; Hahn, Jeffrey C.; and Dobson, John J., 4,492,855, Cl. 235-458.000.
- Perisho, Jacqueline L.: *See—*
  - Roe, William J.; and Perisho, Jacqueline L., 4,532,049, Cl. 210-728.000.
- Perisic, Milan, to Automatic Roller Doors, Australia, Pty., Ltd. Reversing device for roller doors. 4,501,963, 2-26-85, Cl. 250-231.0SE.
- Peritz, Lyonel: *See—*
  - Grollier, Jean-Francois; Monnais, Christian; and Peritz, Lyonel, 4,555,246, Cl. 8-405.000.
- Perk, William E. Louvered ceiling. 4,532,749, 8-6-85, Cl. 52-668.000.
- Perkin-Elmer Censor Anstalt: *See—*
  - Mayer, Herbert; and Lobach, Ernst, 4,540,277, Cl. 355-53.000.
- Perkin-Elmer Corporation, The: *See—*
  - Ausschnitt, Christopher P., 4,538,105, Cl. 324-158.00R.
  - Biechler, Charles S.; Carroll, Allen M.; Graves, Richard E.; and Lyons, Steven A., 4,498,010, Cl. 250-492.200.
  - Clayton, Robert H., 4,493,097, Cl. 378-137.000.
  - Colombo, Paul, 4,553,022, Cl. 219-275.000.
  - deMey, Charles F., II, 4,560,050, Cl. 192-81.00C.
  - Deschenaux, Warren; Hughes, Gregory; Kreuzer, Justin; and La Fiandra, Carlo, 4,534,047, Cl. 378-35.000.
  - Duly, Dawn L.; Windischmann, Henry; and Buckley, W. D., 4,523,974, Cl. 156-630.000.
  - Engelbrecht, Orest; and Laganza, Joseph L., 4,530,635, Cl. 414-627.000.
  - Galburt, Daniel, 4,506,204, Cl. 318-653.000.
  - Garcia, Enrique, 4,555,733, Cl. 358-293.000.
  - Gould, Gerald, 4,492,669, Cl. 419-5.000.
  - Groeschner, Donald L., 4,512,362, Cl. 137-356.000.
  - Harris, Michael D., 4,560,272, Cl. 356-138.000.
  - Hill, Harold I.; Norem, Stanley D.; and Targowski, Roger, 4,537,572, Cl. 432-55.000.
  - Hufnagel, Robert E., 4,550,973, Cl. 350-3.720.
  - Jones, Robert A., 4,512,107, Cl. 51-56.00R.
  - La Fiandra, Carlo; and Mumola, Peter B., 4,516,062, Cl. 318-676.000.
  - La Fiandra, Carlo, 4,539,695, Cl. 378-34.000.
  - Levenstein, Harold, 4,533,449, Cl. 204-192.00R.
  - Liu, Raymond C.; and Markle, David A., 4,516,852, Cl. 356-121.000.
  - Markle, David A., 4,530,565, Cl. 350-96.100.
  - Markle, David A., 4,545,683, Cl. 356-400.000.
  - Markle, David A., 4,549,084, Cl. 250-548.000.
  - Matthews, David J., 4,532,628, Cl. 371-13.000.
  - Medico, Louis J., 4,553,311, Cl. 29-559.000.
  - Miller, Mark C., 4,532,816, Cl. 73-864.910.
  - Mount, Bruce E., 4,509,372, Cl. 73-861.280.
  - Mount, Bruce E., 4,542,564, Cl. 29-25.350.
  - Muellner, William C., 4,494,212, Cl. 364-571.000.

Nowicki, Ronald S.; and Moulder, John F., 4,513,905, Cl. 228-123.000.
O'Neill, Michael J., 4,530,608, Cl. 374-11.000.
O'Neill, Michael J., 4,532,799, Cl. 73-295.000.
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Schmid, Carl E., 4,548,713, Cl. 210-198.200.
Schmid, Carl E., 4,556,367, Cl. 417-18.000.
Scott, Raymond P. W., 4,555,936, Cl. 73-61.10C.
Shemwell, David M., 4,536,086, Cl. 356-348.000.
Siebert, Edward T., 4,536,089, Cl. 356-352.000.
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Trost, David; and Galburt, Daniel, 4,506,205, Cl. 318-653.000.
Trost, David, 4,507,597, Cl. 318-653.000.

Perkins, Clive I.: *See—*
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Perkins, David J.: *See—*
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Perkins, Derek: *See—*
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Perkins, Donald H.: *See—*
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Percel, Phillip J.; and Perkins, Douglas W., 4,511,584, Cl. 426-99.000.
Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., 4,511,592, Cl. 426-646.000.
Percel, Phillip J.; and Perkins, Douglas W., 4,537,784, Cl. 426-303.000.

Perkins, Eugene W. Heating system with liquid pre-heating. 4,501,231, 2-26-85, Cl. 122-26.000.

Perkins, Frank M. Transmission. 4,515,026, 5-7-85, Cl. 74-63.000.

Perkins, Frederick M., to Perko, Inc. Tri spherical lens assembly. 4,500,947, 2-19-85, Cl. 362-311.000.

Perkins, Gary M. Indoor-outdoor convertible cooker. 4,508,024, 4-2-85, Cl. 99-340.000.

Perkins, Geoffrey W.: *See—*
Newton, Anthony D.; and Perkins, Geoffrey W., 4,506,292, Cl. 358-34.000.

Perkins, Gerard T., to International Hydraulic Systems, Inc. Spherical gear pump. 4,540,343, 9-10-85, Cl. 417-218.000.

Perkins, Haywood A.: *See—*
Moles, Oliver W.; Ensley, Kenneth L.; and Perkins, Haywood A., 4,562,048, Cl. 423-81.000.

Perkins, Jeffrey T.: *See—*
Mullins, Phillip L.; Neal, James G.; and Perkins, Jeffrey T., 4,544,579, Cl. 427-175.000.
Sarofeen, George M. J.; and Perkins, Jeffrey T., 4,534,137, Cl. 51-284.00R.

Perkins, Kelly M.: *See—*
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Perkins, Kenneth L.: *See—*
Goldfarb, Harold; Perkins, Kenneth L.; and Weigand, Bernard L., 4,553,435, Cl. 73-40.700.

Perkins, Kenneth R. Roller skate wheel and mounting assembly. 4,531,785, 7-30-85, Cl. 301-5.700.

Perkins Research & Mfg. Co., Inc.: *See—*
Cass, James L., 4,518,911, Cl. 324-52.000.

Perkins, Richard A.; Brady, William C.; and Glaser, Hellmut I., to Owens-Corning Fiberglas Corporation. Drain bushing. 4,518,406, 5-21-85, Cl. 65-1.000.

Perkins, Richard A.; Brady, William C.; and Turner, Paul W., to Owens-Corning Fiberglas Corporation. Drain bushing. 4,536,202, 8-20-85, Cl. 65-1.000.

Perkins, Roger: *See—*
Julke, Elias; Kaiser, Tony; Osman, Maged A.; and Perkins, Roger, 4,559,167, Cl. 252-518.000.

Perkins, Roger G.; and Trujillo, Stephen M., to FDX Patents Holding Company, N.V. Composite coils for toroidal field coils and method of using same. 4,530,812, 7-23-85, Cl. 376-142.000.

Perkins, Thomas K., to Atlantic Richfield Company. Viscous oil recovery using controlled pressure well pair drainage. 4,499,948, 2-19-85, Cl. 166-248.000.

Perkins, Thomas K., to Atlantic Richfield Company. Single well electrical oil stimulation. 4,522,262, 6-11-85, Cl. 166-248.000.

Perkins, Thomas K., to Atlantic Richfield Company. Isolation of an electrical power transmission well. 4,532,990, 8-6-85, Cl. 166-248.000.

Perkins, Walter E., Jr.: *See—*
Knauer, Wolfgang; and Perkins, Walter E., Jr., 4,560,878, Cl. 250-396.00R.

Perkins, Warren E., to CRYO$_2$ Corporation. Contents gage. 4,541,276, 9-17-85, Cl. 73-296.000.

Perkins, William R.; and Cooper, James L. Musical instrument. 4,527,456, 7-9-85, Cl. 84-1.040.

Perkinson, Robert H.; Donnelly, Brian G.; and Dudash, Carl S., to United Technologies Corporation. Vortex shedding flow measuring transducer. 4,501,157, 2-26-85, Cl. 73-861.240.

Perko, Inc.: *See—*
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Perl, Horst; Karbachsch, Massoud; Pradel, Gunter; and Reulecke, Fritz, to Sartorius GmbH. Filter for gas filtration. 4,529,419, 7-16-85, Cl. 55-158.000.

Perl, Horst: *See—*
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Perl, Julius, to Schlumberger Technology Corporation. Digitizer tablet with coarse and fine position determination. 4,560,830, 12-24-85, Cl. 178-19.000.

Perl, Martin M.: *See—*
Schamper, Thomas J.; Perl, Martin M.; and Warren, James D., 4,518,582, Cl. 424-66.000.

Perlberg, William, to Hartz Mountain Corporation, The. Method and compositions for repelling pests. 4,547,360, 10-15-85, Cl. 424-45.000.

Perlegos, George, to Seeq Technology, Inc. Electrically-programmable and electrically-erasable MOS memory device. 4,558,344, 12-10-85, Cl. 357-59.000.

Perlegos, George: *See—*
Gupta, Anil; and Perlegos, George, 4,546,454, Cl. 365-200.000.
Korsh, George J.; Holler, Mark A.; Perlegos, George; and Gargini, Paolo, 4,519,849, Cl. 148-1.500.
Smarandoiu, George; and Perlegos, George, 4,535,259, Cl. 307-530.000.
Smarandoiu, George; and Perlegos, George, 4,538,245, Cl. 365-200.000.

Perlin, Alfred R., to Kendall Company, The. Esophageal probe. 4,517,984, 5-21-85, Cl. 128-642.000.

Perlin, Alfred R., to Metatech Corporation. Surgical clip. 4,556,060, 12-3-85, Cl. 128-325.000.

Perlin Materials Handling Development Co.: *See—*
Perlin, Morton J.; and Garneau, Richard P., 4,494,271, Cl. 16-21.000.

Perlin, Morton J.; and Garneau, Richard P., to Perlin Materials Handling Development Co. Caster having a three piece encapsulating bearing assembly. 4,494,271, 1-22-85, Cl. 16-21.000.

Perlin, Semion: *See—*
van Eyken, Lawrence A. J.; and Perlin, Semion, 4,534,527, Cl. 246-445.000.

Perlman, Daniel; and Linschitz, Henry. Oxygen indicator for packaging. 4,526,752, 7-2-85, Cl. 422-56.000.

Perlman, Marvin; and Goldfine, Milton, to Trans-Cryption, Inc. Verifier for a personal indentification system. 4,501,957, 2-26-85, Cl. 235-379.000.

Perlman, Michael E.: *See—*
Bardos, Thomas J.; Perlman, Michael E.; and MacDiarmid, Joan E., 4,544,501, Cl. 260-239.0EP.

Perlmutter, Michael; and Clampitt, Lawrence L., to Raytheon Company. Electromagnetic wave reflections absorber. 4,494,873, 1-22-85, Cl. 356-350.000.

Perlmutter, Michael S.; and Braun, Kenneth H., to Raytheon Company. Mode discrimination apparatus. 4,519,708, 5-28-85, Cl. 356-350.000.

Perloff, Ronald S.: *See—*
Isaman, David L.; Perloff, Ronald S.; and Tomlinson, Christopher J., 4,549,292, Cl. 370-89.000.

Perlov, Gena; and Tuchman, Samuel. Method and device for fluid transfer. 4,498,850, 2-12-85, Cl. 417-322.000.

Perlson, Bruce D.: *See—*
Bosen, Sidney F.; and Perlson, Bruce D., 4,545,925, Cl. 252-389.00A.

Perlstein, Jerome H.: *See—*
Chen, Chin H.; Goliber, Thomas E.; Perlstein, Jerome H.; and Reynolds, George A., 4,496,730, Cl. 546-23.000.
Chen, Chin H.; Goliber, Thomas E.; Perlstein, Jerome H.; and Reynolds, George A., 4,552,825, Cl. 430-83.000.
Detty, Michael R.; and Perlstein, Jerome H., 4,525,443, Cl. 430-83.000.
Scozzafava, Michael; Chen, Chin H.; Reynolds, George A.; and Perlstein, Jerome H., 4,514,481, Cl. 430-58.000.

Permacel: *See—*
Dabroski, Winifred C., 4,513,059, Cl. 428-355.000.

Permag Corporation: *See—*
Dreckmann, Harald J., 4,531,035, Cl. 219-8.500.

PermaGrain Products, Inc.: *See—*
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Permanent Label Corporation: *See—*
Meador, Neil A., 4,502,380, Cl. 101-38.00R.

permaTek, Inc.: *See—*
Caughey, Robert A., 4,526,642, Cl. 156-311.000.
Lynch, Michael A., 4,505,629, Cl. 412-5.000.

Permelec Electrode Ltd.: *See—*
Asano, Hiroshi; Shimamune, Takayuki; and Goto, Toshiki, 4,498,942, Cl. 156-151.000.
Asano, Hiroshi; Shimamune, Takayuki; and Hirao, Kazuhiro, 4,502,931, Cl. 204-192.00C.
Asano, Hiroshi; Shimamune, Takayuki; Hirao, Kazuhiro; and Hirayama, Ryuta, 4,554,176, Cl. 427-125.000.
Asano, Hisoshi; Shimamune, Takayuki; Goto, Toshiki; and Hosonuma, Masashi, 4,500,405, Cl. 204-290.00F.

Permobil AB: *See—*
Engman, Bo H. S., 4,513,832, Cl. 180-6.500.
Engman, Bo H. S., 4,538,857, Cl. 297-437.000.

Permut, Ronald; Cope, Robert; Appie, James; Epina, August P.; and Munro, Frederick G., to Storage Technology Corporation. Tape drive having swing arm buffers and automatic threading. 4,550,884, 11-5-85, Cl. 242-189.000.

Permutare Corporation: *See—*

Gallup, William; and Schmidt, Detleff W. P., 4,552,512, Cl. 417-3.000.

Perneczky, George C. Apparatus for cleaning roller assemblies. 4,528,716, 7-16-85, Cl. 15-256.510.

Perng, Guu. Ventilation system for an enclosed space. 4,535,684, 8-20-85, Cl. 98-31.000.

Pernia, Nicholas L., to McColeman, William. One-way pour valve. 4,491,230, 1-1-85, Cl. 215-21.000.

Pernic, Stanley J.: *See—*

Granzow, Daniel B.; Lueders, Arthur L.; Davis, Ralph L.; Pernic, Stanley J.; Hitchcock, James R., Jr.; and Buckley, Francis D., 4,560,472, Cl. 210-140.000.

Pernicano, Vincent S. Heat transfer sheeting having release agent coat. 4,496,618, 1-29-85, Cl. 428-201.000.

Pernicano, Vincent S. Transfer including substrate with deformable thermoplastic coat. 4,517,237, 5-14-85, Cl. 428-198.000.

Pernicano, Vincent S. Transfer having adhesive paste coat. 4,530,872, 7-23-85, Cl. 428-200.000.

Pernick, Benjamin J., to Grumman Aerospace Corporation. Signal device employing photorefractive area modulation. 4,544,898, 10-1-85, Cl. 332-7.510.

Pernicone, Nicola: *See—*

Gubitosa, Giuseppe; Berton, Antonio; Pernicone, Nicola; and Vidotto, Graziano, 4,522,931, Cl. 502-150.000.

Pernovo AB: *See—*

Larsson, Per-Olof; Mosbach, Klaus; and Borchert, Axel, 4,532,232, Cl. 502-403.000.

Perobelli, Aldo: *See—*

Pessina, Giorgio; and Perobelli, Aldo, 4,497,479, Cl. 270-54.000.

Peronard, Pierre-Rene, to Dansk Svejsemaskine Fabrik A/S. Apparatus for positioning receptacles of ferromagnetic material and having a welding seam. 4,494,070, 1-15-85, Cl. 324-208.000.

Peroni, Peter A., to LaFrance Corporation. Stove damper handle. 4,514,877, 5-7-85, Cl. 16-111.00R.

Perotto, Riccardo, to Nordica S.p.A. Ski boot inner shoe. 4,499,675, 2-19-85, Cl. 36-119.000.

Peroutky, Donald C.: *See—*

Case, Allen W., Jr.; and Peroutky, Donald C., 4,521,670, Cl. 219-130.010.

Corby, Nelson R., Jr.; Lund, Richard M.; and Peroutky, Donald C., 4,532,405, Cl. 219-124.340.

Peroux, Bernard; Santy, Jean; and Sutter, Jean, to Pont-a-Mousson S.A. Elastomer coated butterfly valve body. 4,510,965, 4-16-85, Cl. 137-375.000.

Peroxid-Chemie GmbH: *See—*

Krauss, Robert; and Binder, Klaus, 4,549,668, Cl. 220-203.000.

Schwarzer, Hans; and Meisel, Werner, 4,548,708, Cl. 208-196.000.

Perper, Lloyd J., to Iota Engineering Co. Lamp ballast with near unity power factor and low harmonic content. 4,538,094, 8-27-85, Cl. 315-221.000.

Perplies, Eberhard; and Felcht, Utz H., to Hoechst Aktiengesellschaft. Process for etherifying cellulose with alkyl monochloroacetates. 4,526,961, 7-2-85, Cl. 536-98.000.

Perplies, Eberhard: *See—*

Kornrumpf, Wolfgang; Perplies, Eberhard; Hilbig, Josef; and Felcht, Utz-Hellmuth, 4,501,887, Cl. 536-84.000.

Perra, Andrew G., Jr., to Markem Corporation. Printing apparatus using heated ink composition. 4,559,872, 12-24-85, Cl. 101-22[illegible]000.

Perrault, Guy: *See—*

Duchesne, Gonzague L.; and Perrault, Guy, 4,517,035, Cl. 149-19.920.

Perreau, Alain P.; and Perreau, Jean-Louis, to Sidinter S.A. Device for training to play golf. 4,560,167, 12-24-85, Cl. 273-184.00A.

Perreau, Jean-Louis: *See—*

Perreau, Alain P.; and Perreau, Jean-Louis, 4,560,167, Cl. 273-184.00A.

Perregaard, Jens K., to Kefalas A/S. Anti-psychotic phenylindene derivatives and acid addition salts thereof. 4,525,360, 6-25-85, Cl. 514-277.000.

Perrella, Andrew P., to United Technologies Corporation. Telescoping fuel probe. 4,540,144, 9-10-85, Cl. 244-135.00A.

Perrella, Blaine: *See—*

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Perrella, Guido; and Thompson, William E., to DBM Industries Limited. Method of controlling temperature of die casting mold. 4,553,583, 11-19-85, Cl. 164-458.000.

Perret, Andre: *See—*

Brun, Marcel; Perret, Andre; and Cailleux, Claude, 4,512,695, Cl. 409-134.000.

Perret, Rene, to Alsthom-Atlantique. Sound absorbing wall lining. 4,560,028, 12-24-85, Cl. 181-288.000.

Perreton, Arnold. Concrete block and hollow insulating insert therefor. 4,498,266, 2-12-85, Cl. 52-405.000.

Perretta, Frederick A., to United Technologies Corporation. Clamping circuit board guides. 4,525,770, 6-25-85, Cl. 361-399.000.

Perretta, Frederick A., to United Technologies Corporation. Card guide. 4,542,441, 9-17-85, Cl. 361-412.000.

Perrey, Hermann; and Matner, Martin, to Bayer Aktiengesellschaft. Heat sensitizing agents, the production and use thereof. 4,535,111, 8-13-85, Cl. 524-199.000.

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Preuss, Reinhard; Perrey, Hermann; Ritter, Helmut; Reinecke, Paul; and Brandes, Wilhelm, 4,535,074, Cl. 514-93.000.

Perri, Giulio C.; Bianco, Tommaso; and Piccirilli, Beniamino, to Biomedica Foscama Industria Chimico Farmaceutica S.p.A. Method for producing fructose-1,6-diphosphoric acid. 4,530,902, 7-23-85, Cl. 435-105.000.

Perri, Joseph A.: *See—*

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LaBate, Michael D., II; and Perri, Joseph A., 4,553,743, Cl. 266-272.000.

Perrier, Jean, to Stein Industrie. Spring support device for pipework. 4,497,466, 2-5-85, Cl. 248-588.000.

Perrigo, Stephen M. Low frequency speaker enclosure. 4,524,845, 6-25-85, Cl. 181-152.000.

Perrin, Bernard; Bianchin, Bernard; and Sauret, Georges, to Centre Technique de l'Industrie des Papiers, Cartons et Celluloses. Apparatus for fractionating solid particles suspended in a liquid. 4,518,499, 5-21-85, Cl. 210-332.000.

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Laisney, Bernard; Letoffe, Michel; Perrin, Patrice; and Ulrich, Jean, 4,525,565, Cl. 528-17.000.

Letoffe, Michel; Favre, Roger; and Perrin, Patrice, 4,508,888, Cl. 528-23.000.

Letoffe, Michel; Favre, Roger; and Perrin, Patrice, 4,532,315, Cl. 528-14.000.

Perrine, Carol-Anne: *See—*

Perrine, Paul M.; and Perrine, Carol-Anne, 4,515,516, Cl. 417-38.000.

Perrine, Paul M.; and Perrine, Carol-Anne, to Champion, Perrine & Associates. Method and apparatus for compressing gases. 4,515,516, 5-7-85, Cl. 417-38.000.

Perrinet, Paul M.: *See—*

Walton, Frank A.; and Perrinet, Paul M., 4,558,715, Cl. 137-99.000.

Perrins, Allen R.: *See—*

Borowy, Dennis M.; Crotty, Charles A.; Perrins, Allen R.; and Senak, Peter, Jr., 4,558,275, Cl. 324-103.00P.

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Perron, Robert: *See—*

Gauthier-Lafaye, Jean; Perron, Robert; Gallucci, Jacques; and Leconte, Philippe, 4,500,473, Cl. 260-548.000.

Gauthier-Lafaye, Jean; and Perron, Robert, 4,500,474, Cl. 260-549.000.

Gauthier-Lafaye, Jean; Perron, Robert; and Doussain, Claude, 4,511,517, Cl. 260-549.000.

Perrone, Diego; Patrone, Alberto; and Caffarelli, Elvio, to Luigi Stoppani S.p.A. Chromium hydroxide precipitate obtained by a continuous process for the removal of chromium from waste waters. 4,560,546, 12-24-85, Cl. 423-607.000.

Perrone, John J.: *See—*

Zawadzki, Stanley C., Jr.; Stadelmaier, Robert A.; and Perrone, John J., 4,525,100, Cl. 405-129.000.

Perrot, Alexander: *See—*

Schanz, Friedrich; Schucker, Emil; Schucker, Eberhard; and Perrot, Alexander, 4,511,085, Cl. 239-242.000.

Schanz, Friedrich; Schucker, Emil; and Perrot, Alexander, 4,545,532, Cl. 239-242.000.

Perrot, Jacques; and Thominet, Michel, to Societe d'Etudes Scientifiques et Industrielles de l'Ile de France. N-(1-allyl-2-pyrrolidinylmethyl) 2-methoxy-4-amino-5-methylsulfamoyl benzamide. 4,550,179, 10-29-85, Cl. 548-571.000.

Perrot, Jacques J.: *See—*

Thominet, Michel L.; and Perrot, Jacques J., 4,499,019, Cl. 514-428.000.

Perrot, Michel; and Jaccaud, Michel, to Pechiney Ugine Kuhlmann. Process for cleaning the inner walls of a reactor. 4,518,569, 5-21-85, Cl. 423-19.000.

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Schanz, Friedrich; Schucker, Emil; Schucker, Eberhard; and Perrot, Alexander, 4,511,085, Cl. 239-242.000.

Schanz, Friedrich; Schucker, Emil; and Perrot, Alexander, 4,545,532, Cl. 239-242.000.

Perrott, Lynn F.: *See—*

Corbett, Scott S., Jr.; Perrott, Lynn F.; and Reiersgaard, William L., 4,549,663, Cl. 211-13.000.

Perrotti, Emilio: *See—*

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Perrucchini, Vincenzo: *See—*

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Perry, Brian D.; and Mathews, Paul K., to Owens-Corning Fiberglas Corporation. Apparatus for treating texturized strands and yarns. 4,502,409, 3-5-85, Cl. 118-410.000.

Perry, Charles H.; and Shaw, Robert R., to International Business Machines Corporation. Method for providing pinhole free dielectric layers. 4,519,851, 5-28-85, Cl. 148-6.310.

Perry, Dennis A.; and Wilmot, David H., to Hayden Nilos Conflow Limited. Nozzle conveniently assembled and disassembled. 4,538,763, 9-3-85, Cl. 239-600.000.

Perry, E. Robert: *See—*
  Rabinowitz, Mario; and Perry, E. Robert, 4,520,078, Cl. 428-636.000.
Perry, Eugene H. Lever door handle. 4,502,719, 3-5-85, Cl. 292-347.000.
Perry, Forbes G. D., to National Research Development Corporation. Transmission units of the toroidal race rolling friction type. 4,499,782, 2-19-85, Cl. 74-200.000.
Perry, George J.: *See—*
  Kuehnle, Manfred R.; Perry, George J.; and Rose, Robert M., 4,521,097, Cl. 355-3.00R.
Perry, Huntley H., to United States of America, Navy. Adapter for towing aircraft. 4,537,369, 8-27-85, Cl. 244-1.00R.
Perry, Jack I., to Owens-Illinois, Inc. Take-out arm for bottle forming machine. 4,494,973, 1-22-85, Cl. 65-260.000.
Perry, John A.: *See—*
  Simpson, Carolyn N.; and Perry, John A., 4,516,679, Cl. 206-459.000.
Perry, John C. Rod lubrication means for two-cycle internal combustion engines. 4,502,421, 3-5-85, Cl. 123-41.370.
Perry, John C. Lubrication means for a two-cycle internal combustion engine. 4,502,423, 3-5-85, Cl. 123-41.380.
Perry, John C. Rod bearing lubrication for two-cycle engines. 4,515,110, 5-7-85, Cl. 123-41.370.
Perry, John M., II. Circuit box. 4,530,032, 7-16-85, Cl. 361-340.000.
Perry, John S., to United States of America, Air Force. Attachment method-ceramic radome to metal body. 4,520,364, 5-28-85, Cl. 343-872.000.
Perry, Leroy A.: *See—*
  Courter, Harry I.; and Perry, Leroy A., 4,497,985, Cl. 200-38.00R.
Perry, Leroy R., Jr.: *See—*
  Wallenbrock, Craig; and Perry, Leroy R., Jr., 4,544,155, Cl. 272-136.000.
Perry, Loren R.: *See—*
  Glonek, Robert L.; Kantor, Paul; and Perry, Loren R., 4,548,005, Cl. 52-155.000.
Perry, Mark E. Method of playing a game in which playing pieces are inverted. 4,506,893, 3-26-85, Cl. 273-258.000.
Perry, Michael W., to AT&T Bell Laboratories. Repeater housing and circuit mounting structure. 4,528,615, 7-9-85, Cl. 361-386.000.
Perry, Patricia, to Butterick Company, Inc. Fitting curve and ruler. 4,524,522, 6-25-85, Cl. 33-11.000.
Perry, Philip D.: *See—*
  Barkhau, Marvin L.; Perry, Philip D.; Poundstone, Donald H.; and Sherman, James E., 4,515,614, Cl. 65-29.000.
Perry, Richard W.: *See—*
  Richardson, David L.; Patterson, Peter M.; Clark, Jack P.; Stanton, Scott R.; and Perry, Richard W., 4,548,785, Cl. 376-249.000.
  Steinert, Leopold A.; and Perry, Richard W., 4,507,840, Cl. 29-401.100.
Perry, Steven B., to Keptel, Inc. Remotely-activated switching apparatus. 4,536,617, 8-20-85, Cl. 179-81.00R.
Perry, Steven B.; and Miller, Joseph, to Keptel, Inc. Remotely-activated switching apparatus. 4,558,182, 12-10-85, Cl. 179-81.00R.
Perry, Steven B.: *See—*
  Lynch, Daniel; and Perry, Steven B., 4,550,225, Cl. 179-81.00R.
Perry, T. Cooper, to West Point Foundry & Machine Co. Creel apparatus. 4,538,776, 9-3-85, Cl. 242-131.000.
Perry, T. Wayne: *See—*
  Chambers, James V.; Perry, T. Wayne; Lonergan, Dennis A.; and Marks, Jay S., 4,547,386, Cl. 426-583.000.
Perry, Thomas J., to GTE Automatic Electric Laboratories Incorporated. PCM supervision data reformatting circuit. 4,504,947, 3-12-85, Cl. 370-99.000.
Perry, Thomas J., to GTE Automatic Electric Laboratories Incorporated. Digital span frame detection circuit. 4,507,780, 3-26-85, Cl. 370-100.000.
Perry, Thomas J., to GTE Automatic Electric Laboratories Incorporated. Duplex digital span transmission circuit arrangement. 4,514,844, 4-30-85, Cl. 371-8.000.
Perry, Thomas J.; and Khera, Muhammad I., to GTE Automatic Electric Laboratories Incorporated. Remote data link controller having multiple data link handling capabilities. 4,516,237, 5-7-85, Cl. 370-58.000.
Perry, Thomas J., to GTE Automatic Electric Laboratories Incorporated. Digital span transmission circuit. 4,516,245, 5-7-85, Cl. 375-17.000.
Perry, Thomas J., to GTE Automatic Electric Laboratories Incorporated. Digital span reframing circuit. 4,531,210, 7-23-85, Cl. 370-100.000.
Perry, Thomas J., to GTE Automatic Electric Laboratories Incorporated. Duplex digital span conversion circuit arrangement. 4,534,027, 8-6-85, Cl. 371-8.000.
Perry, Wendell L.: *See—*
  Buonomo, Joseph P.; and Perry, Wendell L., 4,520,440, Cl. 364-200.000.
Perry, William D.: *See—*
  Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, 4,503,393, Cl. 324-235.000.
Persbeck, Sven-Eric; and Almqvist, Bert, to Utvecklingsaktiebolaget Teccon. Method and arrangement for determination of values relating to the mass of a flow of material. 4,513,830, 4-30-85, Cl. 177-1.000.
Perschka, Dale O., to Westinghouse Electric Corp. Strip core winder for core-coil assembly. 4,529,138, 7-16-85, Cl. 242-4.00R.
Perseo, Giuseppe: *See—*
  de Castiglione, Roberto; Gozzini, Luigia; Montecucchi, Pier C.; and Perseo, Giuseppe, 4,491,541, Cl. 260-112.50R.
Pershin, Gely G.: *See—*
  Belykh, Sergei I.; Moschensky, Anatoly D.; Davydov, Anatoly B.; Pershin, Gely G.; Smirnov, Boris A.; and Gromov, Mikhail V., 4,492,226, Cl. 128-92.0BC.
  Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
Pershin, Grigory N.: *See—*
  Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
Pershin, Nikolai I.: *See—*
  Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.
Pershon, Jacob A. Collapsible horse. 4,502,563, 3-5-85, Cl. 182-153.000.
Persico, Daniel F.: *See—*
  Lagow, Richard J.; and Persico, Daniel F., 4,510,335, Cl. 568-683.000.
Persinko, Mark M.: *See—*
  Wang, Robert C.; Sampson, Arthur J.; and Persinko, Mark M., 4,518,649, Cl. 428-284.000.
Persits, Evgeny L.: *See—*
  Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., 4,491,314, Cl. 272-63.000.
Person, Dennis W.; Pierce, Stanley L.; and Liang, Po-lung, to Ford Motor Company. Hydraulic control system for electronic transmission control. 4,527,448, 7-9-85, Cl. 74-869.000.
Person, Dennis W.; Pierce, Stanley L.; and Liang, Po-lung, to Ford Motor Company. Hydraulic control system for electronic transmission control. 4,541,308, 9-17-85, Cl. 74-868.000.
Person, Herman R.; and Johnson, Douglas E., to Dale Electronics, Inc. Electrical resistor. 4,529,958, 7-16-85, Cl. 338-275.000.
Person, Martin: *See—*
  Daumer, Rolf; Feldmann, Ekkehard; Person, Martin; Wild, Ernst; and Zechnall, Martin, 4,527,523, Cl. 123-419.000.
Personal Peripherals Inc.: *See—*
  Hyltin, Tom M.; Milner, Thomas G.; and Frye, Elam C., Jr., 4,501,939, Cl. 200-6.00A.
Personal Products Company: *See—*
  Dabi, Shmuel, 4,508,854, Cl. 521-178.000.
  Dabi, Shmuel, 4,554,297, Cl. 521-178.000.
  Holtman, Dennis C., 4,501,586, Cl. 604-380.000.
  Holtman, Dennis C., 4,536,432, Cl. 428-171.000.
  Holtman, Dennis C., 4,544,596, Cl. 428-171.000.
  Iskra, Michael J., 4,559,050, Cl. 604-368.000.
  Kopolow, Stephen L., 4,552,618, Cl. 162-157.100.
  Kopolow, Steven L., 4,551,142, Cl. 604-368.000.
  Korpman, Ralf, 4,540,415, Cl. 604-390.000.
  Korpman, Ralf, 4,554,191, Cl. 428-35.000.
  Luceri, Thomas J.; and Molee, Kenneth J., 4,518,451, Cl. 156-202.000.
  Pieniak, Heinz A.; and Iskra, Michael J., 4,500,315, Cl. 604-379.000.
  Pieniak, Heinz A.; and Iskra, Michael J., 4,537,590, Cl. 604-379.000.
  Pieniak, Heinz A.; and Iskra, Michael J., 4,540,454, Cl. 156-62.200.
  Pieniak, Heinz A., 4,560,372, Cl. 604-369.000.
  Tritsch, Ludwig, 4,552,560, Cl. 604-390.000.
Persoon, Eric H. J.; and Abeysekera, Ratnayake M. S. S., to U.S. Philips Corporation. Device for the dynamic adjustment of a black/white discrimination threshold for the processing of images containing grey values. 4,501,016, 2-19-85, Cl. 382-22.000.
Persson, Anders: *See—*
  Adolfsson, Morgan; Brogardh, Torgny; Ovren, Christer; and Persson, Anders, 4,493,995, Cl. 250-227.000.
Persson, Bengt: *See—*
  Persson, Per I.; and Persson, Bengt, 4,555,053, Cl. 228-107.000.
Persson, Bert; and Svensson, Hakan. Method of controlling noxious insects. 4,556,010, 12-3-85, Cl. 116-22.00R.
Persson, Bo G.; and Spicar, Erich, to ASEA Aktiebolag. Insulated conductor for transformer windings and other inductive apparatus. 4,552,990, 11-12-85, Cl. 174-117.0FF.
Persson, Carl G. A.: *See—*
  Kjellin, Per G.; and Persson, Carl G. A., 4,546,182, Cl. 544-273.000.
  Kjellin, Per G.; and Persson, Carl G. A., 4,548,818, Cl. 514-263.000.
Persson, Ingemar. Apparatus for production of hot tap water. 4,524,909, 6-25-85, Cl. 237-2.00B.
Persson, Jan O.: *See—*
  Skowronek, Jerzy; and Persson, Jan O., 4,520,052, Cl. 427-443.100.
Persson, John, to Nolek System AB. Quick coupling device. 4,527,817, 7-9-85, Cl. 285-96.000.
Persson, Karl R., to Sprinter System AB. Tray, particularly for foodstuffs. 4,533,079, 8-6-85, Cl. 229-31.00R.
Persson, Lars E. H.: *See—*
  Kullenberg, Eric N. F.; Lindahl, Gertrud M.; and Persson, Lars E. H., 4,559,220, Cl. 423-556.000.

Persson, Lars-Olov: *See—*
  Norin, Mats; and Persson, Lars-Olov, 4,503,574, Cl. 7-107.000.
Persson, Louis T.; and Riemersma, Coenraad E., to Procter & Gamble Company, The. Dynamic laminating method and apparatus for ultrasonically bonding juxtaposed webs. 4,531,999, 7-30-85, Cl. 156-580.200.
Persson, Per I., to Nitro Nobel AB. Method of joining metal elements by explosion welding. 4,496,096, 1-29-85, Cl. 228-107.000.
Persson, Per I.; and Persson, Bengt, to Nitro Nobel AB; and AB Volvo. Method of joining together two pipe ends to form a pipe of metal. 4,555,053, 11-26-85, Cl. 228-107.000.
Persson, Per I., to Nitro Nobel AB. Method of splicing metal elements by means of explosion-welding. 4,561,585, 12-31-85, Cl. 228-108.000.
Persson, Torsten. Apparatus for turning a person confined to bed. 4,502,169, 3-5-85, Cl. 5-88.000.
Persson, Wilfred L.: *See—*
  Pedersen, Narve S.; Persson, Wilfred L.; Hordvik, Jan; and Kristiansen, Arvid, 4,543,281, Cl. 428-36.000.
Perstorp AB: *See—*
  Ohlsson, Stig L.; and Berthou, Jan-Olov K., 4,494,964, Cl. 51-296.000.
Persyk, Dennis E., to Siemens Gammasonics, Inc. Radiation detecting apparatus with reduced magnetic field sensitivity. 4,523,091, 6-11-85, Cl. 250-213.0VT.
Pertec Peripherals Corporation: *See—*
  Porter, Carl D., 4,558,380, Cl. 360-53.000.
Perthes, Harald: *See—*
  Nickol, Friedrich W.; and Perthes, Harald, 4,491,391, Cl. 350-339.00R.
Perthus, Peter: *See—*
  Dieffenbach, Rudiger; Grunwald, Werner; Perthus, Peter; and Prinzhausen, Friedrich, 4,517,630, Cl. 362-268.000.
Pertl, Peter. Machine for surfacing floors. 4,538,544, 9-3-85, Cl. 118-665.000.
Pertot, Fulvio: *See—*
  Mercati, Giorgio; Mariano, Armando; Pertot, Fulvio; Glionna, Antonio; and Ferri, Mario, 4,517,355, Cl. 528-287.000.
Pertron Controls Corporation: *See—*
  Jones, Gary A., 4,516,008, Cl. 219-109.000.
Pertz, Eberhard: *See—*
  Kudelski, Stefan; Rosselet, Ernest; and Pertz, Eberhard, 4,542,663, Cl. 74-801.000.
Pertzsch, Albert; Liepold, August; Brunner, Hubert; and Zeroni, Ludwig, to AGFA-Gevaert, A.G. Magnetic tape cassette. 4,527,691, 7-9-85, Cl. 206-387.000.
Perugi, Archie H.: *See—*
  Stahl, Charles R.; and Perugi, Archie H., 4,492,085, Cl. 60-649.000.
Perulfi, John R.: *See—*
  Rostron, Joseph R.; and Perulfi, John R., 4,510,477, Cl. 336-92.000.
Perun, William D.; and Garavuso, Gerald M., to Xerox Corporation. Paddle wheel feeder with normal force optimization and blade control. 4,496,144, 1-29-85, Cl. 271-114.000.
Peruzzi, Federigo; and Zgliczynski, Marek, to Aspera S.p.A. Hermetic motor compressor for refrigeration systems and the like. 4,518,326, 5-21-85, Cl. 417-372.000.
Peruzzi, Federigo: *See—*
  Andrione, Norbert; Peruzzi, Federigo; and Scandurra, Giancarlo, 4,493,226, Cl. 74-598.000.
  Andrione, Norbert; and Peruzzi, Federigo, 4,549,859, Cl. 417-363.000.
Peruzzo, Roberto: *See—*
  Besson, Duilio; De Marco, Claudio; Peruzzo, Roberto; and Ardit, Giuseppe, 4,535,599, Cl. 62-154.000.
Pervel Industries, Inc.: *See—*
  Rzepecki, Ray M.; and Weiss, Victor H., 4,528,222, Cl. 428-35.000.
Pervier, James W.: *See—*
  Davis, Ruth A.; Herron, Donn M.; Pervier, James W.; and Vines, Harvey L., 4,504,295, Cl. 62-30.000.
  Liu, Yu-Nan; and Pervier, James W., 4,545,795, Cl. 62-11.000.
Pervy Moskovsky Chasovoi Zavod Imeni S.M. Kirova: *See—*
  Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.
Pervyshin, Alexandr N.: *See—*
  Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.
Perzborn, Elisabeth: *See—*
  Mardin, Mithat; Busse, Wolf-Dieter; Hoffmeister, Friedrich; Seuter, Friedel; Perzborn, Elisabeth; Schlossmann, Klaus; Mayer, Dieter; and Fiedler, Volker, 4,540,707, Cl. 514-404.000.
Pesa, Fred: *See—*
  Burrington, James D.; Grasselli, Robert K.; Pesa, Fred; and Maher, Elizabeth A., 4,560,730, Cl. 525-340.000.
Pesa, Fred A.: *See—*
  Burrington, James D.; Pesa, Fred A.; Maher, Elizabeth A.; and Grasselli, Robert K., 4,519,954, Cl. 260-465.80D.
Pesa, Frederick: *See—*
  Attig, Thomas G.; Graham, Anne M.; and Pesa, Frederick, 4,560,672, Cl. 502-183.000.
Pesa, Frederick A.; and Graham, Anne M., to Standard Oil Company, The. Upgrading synthesis gas. 4,496,666, 1-29-85, Cl. 518-706.000.
Pesa, Frederick A.; and Graham, Anne M., to Standard Oil Company (Ohio), The. Preparation of aliphatic carboxylic acid esters. 4,510,320, 4-9-85, Cl. 560-265.000.
Pesa, Frederick A.; Blaskie, Marcus W.; and Fox, Joseph R. Decarbonylation of N-butyraldehyde using zeolite catalysts. 4,517,400, 5-14-85, Cl. 585-638.000.
Pesa, Frederick A.; and Haase, Thomas A., to Standard Oil Company (Ohio), The. Selective hydrocarboxylation of propylene to isobutyric acid. 4,536,597, 8-20-85, Cl. 562-522.000.
Pesa, Frederick A.; and Graham, Anne M., to Standard Oil Company (Ohio), The. Catalyst for upgrading synthesis gas. 4,551,442, 11-5-85, Cl. 502-178.000.
Pesa, Frederick A.: *See—*
  Fox, Joseph R.; and Pesa, Frederick A., 4,504,684, Cl. 568-454.000.
  Fox, Joseph R.; Pesa, Frederick A.; and Curatolo, Benedict S., 4,533,775, Cl. 568-905.000.
Pescatore, Eugene A., to Electro-Biology, Inc. Applicator head for electromagnetic treatment of an afflicted body region. 4,501,265, 2-26-85, Cl. 128-1.500.
Pescatore, Eugene A.: *See—*
  Blechman, Abraham; and Pescatore, Eugene A., 4,507,084, Cl. 433-7.000.
  Blechman, Abraham; and Pescatore, Eugene A., 4,526,539, Cl. 433-18.000.
Pesch, Wolfgang; and Beer, Gunter, to Henkel Kommanditgesellschaft auf Aktien. Binder compositions based on alkali metal silicate solutions. 4,512,808, 4-23-85, Cl. 106-83.000.
Pesch, Wolfgang: *See—*
  Fehr, Hans; Pesch, Wolfgang; and Friedemann, Wolfgang, 4,561,898, Cl. 106-74.000.
Pesche, Bernard. Method for manufacturing a product for destroying harmful animals. 4,520,015, 5-28-85, Cl. 424-153.000.
Peschetz, Johann, to Austria Tabkwerke Aktiengesellschaft vorm. Osterreischische Tabakregie. Apparatus for the production of a reconstituted tobacco foil. 4,515,542, 5-7-85, Cl. 425-84.000.
Peschmann, Kristian R., to Imatron Associates. Multiple electron beam target for use in X-ray scanner. 4,531,226, 7-23-85, Cl. 378-143.000.
Peschmann, Kristian R., to Imatron Associates. X-ray detector for high speed x-ray scanning system. 4,535,243, 8-13-85, Cl. 250-363.00S.
Pesenacker, Manfred: *See—*
  Hunger, Klaus; and Pesenacker, Manfred, 4,504,416, Cl. 534-742.000.
Peshkov, Izyaslav B.: *See—*
  Bely, Diamar I.; Mardanov, Valentin P.; Meschanov, Gennady I.; Peshkov, Izyaslav B.; Povelichenko, Anatoly P.; and Timoshin, Jury M., 4,497,867, Cl. 428-385.000.
Pesho, Stephen W.: *See—*
  Buckner, Leonard; Foll, William A., Sr.; and Pesho, Stephen W., 4,493,178, Cl. 53-131.000.
  Buckner, Leonard; Foll, William A., Sr.; and Pesho, Stephen W., 4,516,380, Cl. 53-282.000.
Pesiri Enterprises, Inc.: *See—*
  Osterman, Daniel E., 4,535,660, Cl. 82-31.000.
Peska, Jan: *See—*
  Loth, Fritz; Dautzenberg, Horst; Stamberg, Jiri ; Peska, Jan; Bertram, Dieter; and Lettau, Herbert, 4,536,217, Cl. 106-122.000.
Pessina, Giorgio; and Perobelli, Aldo. Device for symmetrically opening signatures made up of several sheets and arranging them onto a transport saddle. 4,497,479, 2-5-85, Cl. 270-54.000.
Pesson, Marcel: *See—*
  Joannic, Michel; Roquet, Francoise; and Pesson, Marcel, 4,513,001, Cl. 514-394.000.
Pestcon Systems, Inc.: *See—*
  Heiman, Gerald R.; and Fleck, Frank, 4,509,682, Cl. 239-60.000.
Pestel, Karl: *See—*
  Seifert, Dieter; Muller, Harald; Muller, Lothar; Pestel, Karl; and Geissler, Helmut, 4,519,224, Cl. 69-30.000.
Pestellini, Vittorio; Ghelardoni, Mario; Giannotti, Danilo; Giolitti, Alessandro; Maggi, Carlo A.; Manzini, Stefano; Grimaldi, Guglielmo; and Meli, Alberto, to A. Menarini S.A.S. Derivatives of 1-alkylamine-3[4(p-alkyloxy-benzamide)phenoxy]-2-propanol, having beta-sympatholytic activity, their salts, and production processes thereof. 4,503,075, 3-5-85, Cl. 514-622.000.
Pestellini, Vittorio; Ghelardoni, Mario; Giolitti, Alessandro; Volterra, Giovanna; Furio, Martino; and Meli, Alberto, to A. Menarini S.A.S. Tricyclic derivatives of 5,6-dihydro-11H-dibenzo (b,e) azepin-6-one having pharmacological activity. 4,551,451, 11-5-85, Cl. 514-217.000.
Pester Refining Company: *See—*
  Allen, Jerry R., 4,549,834, Cl. 404-75.000.
Pestka, Sidney; and Rubinstein, Menachem, to Hoffmann-La Roche Inc. Protein purification process and product. 4,503,035, 3-5-85, Cl. 424-85.000.
Peszeszer, Endre F.: *See—*
  Yampolsky, Jack S.; and Peszeszer, Endre F., 4,501,948, Cl. 219-121.0LC.
Pet Incorporated: *See—*
  Limousin, Jean-Louis, 4,538,720, Cl. 198-416.000.
  Wagner, Dennis L.; and Wells, Harold D., 4,554,437, Cl. 219-388.000.
Petcavich, Robert J.: *See—*
  Penz, Perry A.; Petcavich, Robert J.; Stearns, William P.; and Sanders, Larry W., 4,533,214, Cl. 350-334.000.
Petcen, Donald H., to Coburn Optical Industries, Inc. Wrinkle prevention frame for lens manufacture. 4,494,344, 1-22-85, Cl. 38-102.200.

Petcen, Donald H., to Coburn Optical Industries, Inc. Controlled wafer relaxing in making composite lenses. 4,495,015, 1-22-85, Cl. 156-80.000.

Petcen, Donald H.; and Sinclair, Robert I., to Coburn Optical Industries, Inc. Method and apparatus for molding ophthalmic lenses. 4,540,532, 9-10-85, Cl. 264-1.100.

Petcen, Donald H., to Coburn Optical Industries, Inc. Wrinkle prevention in glass/plastic composite lenses. 4,543,146, 9-24-85, Cl. 156-242.000.

Pete, Sandor: *See—*
Boday, Otto ; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, 4,509,434, Cl. 110-238.000.

Peter, Anton: *See—*
Jager, Lothar; Peter, Anton; and Winkler, Reinhard, 4,509,087, Cl. 360-130.210.

Peter, Bernhard: *See—*
Bertiller, Roland; Kellner, Gerd; and Peter, Bernhard, 4,561,340, Cl. 89-127.000.

Peter Brockhaus GmbH & Co. Handels KG: *See—*
Brockhaus, Peter; and Jungkind, Roland, 4,528,926, Cl. 114-90.000.

Peter, Cornelius: *See—*
Burkel, Rainer; and Peter, Cornelius, 4,554,528, Cl. 340-58.000.
Kratt, Alfred; Peter, Cornelius; Ruppmann, Claus; and Schillinger, Rainer, 4,494,517, Cl. 123-585.000.

Peter, Dietmar, to Dr. Ing. h.c.F. Porsche AG. Resilient vehicle bumper indirectly secured to a rigid support. 4,492,398, 1-8-85, Cl. 293-120.000.

Peter, Emmett B., III: *See—*
Rayfield, Wilson P.; Peter, Emmett B., III; and Shultz, Richard E., 4,500,085, Cl. 271-207.000.

Peter, Gunter, to Gesellschaft fur Hydraulik-Zubehor mbH. Piston operable switch. 4,547,637, 10-15-85, Cl. 200-82.00R.

Peter, Hans: *See—*
Brugger, Manfred; Janczer, Peter; and Peter, Hans, 4,524,817, Cl. 164-290.000.

Peter, Jean: *See—*
Murbach, Erwin; and Peter, Jean, 4,549,428, Cl. 73-32.00R.

Peter, Josef: *See—*
Krasser, Fritz; and Peter, Josef, 4,540,864, Cl. 200-302.200.

Peter, Joseph E.: *See—*
Collins, C. Neal; and Peter, Joseph E., 4,555,059, Cl. 239-425.000.

Peter, Joseph R.: *See—*
Navarro, Luis J.; Peter, Joseph R.; and Blair, Bruce W., 4,536,760, Cl. 340-722.000.

Peter, Karl, to ROMEX Aktiengesellschaft. Inclined elevator with single rail. 4,534,451, 8-13-85, Cl. 187-12.000.

Peter, Siegfried, to Kraftwerk Union Aktiengesellschaft. Process for the catalytic gasification of solid fluids with steam. 4,508,543, 4-2-85, Cl. 48-197.00R.

Peter, Siegfried; Hartel, Georg; and Bruckhoff, Wolfgang. Process for preventing the precipitation of elementary sulphur in riser pipes of probes for natural gas. 4,543,193, 9-24-85, Cl. 252-8.55B.

Peter, Werner: *See—*
Bachmann, Erich; Fabel, Ludwig; Fischer, Roland; Peter, Werner; Scheiter, Bernd; and Wenzel, Werner, 4,508,494, Cl. 418-13.000.

Peterat, Michael: *See—*
Griesshammer, Rudolf; and Peterat, Michael, 4,525,336, Cl. 423-348.000.

Peterkin, Stuart M.: *See—*
Simpson, Anthony; Peterkin, Stuart M.; Brooksby, Brian T.; and Murray, Harold J., 4,538,991, Cl. 434-12.000.

Peterlini, Franco, to M.O.S.S. s.r.l. Device for transferring shaped articles from a first to a second belt by uniform orientation arrangement on the latter. 4,530,430, 7-23-85, Cl. 198-395.000.

Peterman, Earl J., to Metrotech, Inc. Apparatus including a pair of automatic gain controlled amplifiers for determining the lateral direction to a concealed conductive object. 4,520,317, 5-28-85, Cl. 324-326.000.

Peterman, Lee G.; and Staebel, Raymond J., to Atlantic Richfield Company. Process for controlling temperature of a Claus sulfur unit thermal reactor. 4,543,245, 9-24-85, Cl. 423-574.00R.

Peterman, Milton J.: *See—*
Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.

Peterman, Robert J., to Spacesaver Corporation. Lock for manual mobile storage system. 4,523,794, 6-18-85, Cl. 312-201.000.

Peterman, Worthy D.: *See—*
Cashwell, Miles L.; and Peterman, Worthy D., 4,536,919, Cl. 17-11.000.

Petermann, Harald; and Loesch, Karl G., to Georg Muller Kugellagen Fabrik K.G. Workpiece handling apparatus for grinding machines. 4,519,166, 5-28-85, Cl. 51-103.0WH.

Petermann, Klaus; and Russer, Peter, to Licentia Patent-Verwaltungs-GmbH. Ring interferometer. 4,529,313, 7-16-85, Cl. 356-350.000.

Petermann, Klaus: *See—*
Marten, Peter; and Petermann, Klaus, 4,549,806, Cl. 356-350.000.

Peters, Alan W.; Kim, Gwan; and Ernest, Michael V., to W. R. Grace & Co. Small bead auto exhaust catalyst. 4,513,101, 4-23-85, Cl. 502-304.000.

Peters, Albin, to Wico Corporation. Wide face horizontally movable kicker for pin ball game. 4,498,670, 2-12-85, Cl. 273-129.00V.

Peters, Albin; and Fainzilberg, Zeilik, to Wico Corporation. Pinball game with randomly operable drop targets. 4,508,343, 4-2-85, Cl. 273-119.00A.

Peters, Albin, to Wico Corporation. Mechanically actuated object-propelling apparatus. 4,533,142, 8-6-85, Cl. 273-129.00W.

Peters, Arthur, to Honeywell Information Systems Inc. FIFO buffer to cache memory. 4,494,190, 1-15-85, Cl. 364-200.000.

Peters, Bernd: *See—*
Weirich, Walter; and Peters, Bernd, 4,536,017, Cl. 285-26.000.
Weirich, Walter; and Peters, Bernd, 4,544,185, Cl. 285-137.00R.

Peters, Carl H.: *See—*
Anderson, Thomas W.; Milczarek, Richard J.; and Peters, Carl H., 4,545,043, Cl. 369-32.000.

Peters, Charles W. Resiliently flexible toothbrush. 4,520,526, 6-4-85, Cl. 15-167.00R.

Peters, Clifford M., to Joy Manufacturing Company. Double acting pilot valve. 4,491,154, 1-1-85, Cl. 137-625.660.

Peters, Clifford M., to Joy Manufacturing Company. Block valve. 4,530,377, 7-23-85, Cl. 137-637.200.

Peters, David L.: *See—*
Fisher, Robert A.; and Peters, David L., 4,518,360, Cl. 434-20.000.

Peters, Dierk D. Apparatus for forming I-beam truss structure. 4,509,571, 4-9-85, Cl. 144-2.00R.

Peters, Dieter: *See—*
Reiffert, Werner; Peters, Dieter; and Wiendahl, Joachim, 4,515,183, Cl. 137-625.210.

Peters, Don B.: *See—*
Brown, Omar L.; Peters, Don B.; and Schubert, James R., 4,503,989, Cl. 220-269.000.

Peters, Donald L.; Rathman, John R.; and Sumpter, Irvin L., to Phillips Petroleum Company. Apparatus and method for blow molding. 4,510,116, 4-9-85, Cl. 264-529.000.

Peters, Dwight W.: *See—*
Dahlgren, Harold P.; Taylor, James E.; and Peters, Dwight W., 4,527,471, Cl. 101-148.000.
Dahlgren, Harold P.; Taylor, James E.; and Peters, Dwight W., 4,527,479, Cl. 101-450.100.
Dahlgren, Harold P.; Taylor, James E.; Peters, Dwight W.; and Selby, Donald R., 4,532,735, Cl. 51-56.00R.

Peters, Edward L.: *See—*
Kolodesh, Michael S.; Peters, Edward L.; and Madgett, Raymond J., 4,511,318, Cl. 425-133.100.

Peters, Edward N., to General Electric Company. Polyetherimides of di(phthalic anhydride) derivatives of di(substituted phenol) sulfones. 4,523,006, 6-11-85, Cl. 528-172.000.

Peters, Edward N., to General Electric Company. Di(phthalic anhydride) derivatives of di(disubstituted phenol) sulfones. 4,543,416, 9-24-85, Cl. 549-241.000.

Peters, Edward N.: *See—*
Fox, Daniel W.; Peters, Edward N.; and Smith, Gary F., 4,510,289, Cl. 525-148.000.
Fox, Daniel W.; Peters, Edward N.; and Smith, Gary F., 4,511,693, Cl. 525-67.000.

Peters, Edwin F.: *See—*
Klotz, Marvin R.; and Peters, Edwin F., 4,499,325, Cl. 585-671.000.

Peters, Gerald I.: *See—*
Tenser, Adrian; Prizlow, Alfred J.; and Peters, Gerald I., 4,535,577, Cl. 52-221.000.

Peters, Gerd, to H. Wohlenberg KG GmbH & Co. Three-knife trimmer. 4,516,455, 5-14-85, Cl. 83-519.000.

Peters, Hans: *See—*
von Schwerdtner, Otto; Gossen, Hans; Gunther, Jurgen; and Peters, Hans, 4,530,212, Cl. 60-657.000.

Peters, Hartmut; and Ramcke, Bernd, to E.C.H. Will (GmbH & Co.). Machine for making ruled pads or the like. 4,500,241, 2-19-85, Cl. 412-37.000.

Peters, Henry F.: *See—*
Fiarman, Sidney; Degen, Michael F.; and Peters, Henry F., 4,505,218, Cl. 116-200.000.

Peters, James: *See—*
Snyder, Kenneth L., Jr.; and Peters, James, 4,493,777, Cl. 252-49.300.

Peters, James P.: *See—*
Andrews, William H.; Milne, David J.; Moyle, Ronald W.; and Peters, James P., 4,548,795, Cl. 423-126.000.

Peters, John F.: *See—*
Smith, Christopher G.; and Peters, John F., 4,508,856, Cl. 523-218.000.

Peters, John W., to Hughes Aircraft Company. Process for forming sulfide layers. 4,513,057, 4-23-85, Cl. 428-336.000.

Peters, John W., to Hughes Aircraft Company. Silicon oxynitride material and photochemical process for forming same. 4,543,271, 9-24-85, Cl. 427-54.100.

Peters, John W.: *See—*
Chern, Mao-Jin; Smith, Ronald T.; and Peters, John W., 4,545,646, Cl. 350-162.200.

Peters, Klaus-Jurgen: *See—*
Gmelin, Karl; Kubach, Hans; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schelhas, Peter, 4,545,353, Cl. 123-454.000.
Jaggle, Gunther; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schutz, Rudolf, 4,515,128, Cl. 123-454.000.
Maisch, Wolfgang; Nusser, Hermann; Peters, Klaus-Jurgen; and Strohl, Willi, 4,530,329, Cl. 123-447.000.

Peters, Leo. Hamburger-type meat patties. 4,521,435, 6-4-85, Cl. 426-92.000.

Peters, Loren W.; and Turner, Reed J., to Deere & Company. Cleaning shoe for a combine. 4,531,528, 7-30-85, Cl. 130-24.000.

Peters, Manfred: *See—*

Amelung, Kurt; and Peters, Manfred, 4,545,137, Cl. 34-233.000.

Peters, Mark C.: *See—*

Thomas, Edward B.; and Peters, Mark C., 4,535,836, Cl. 165-86.000.

Peters, Mark W.: *See—*

King, L. Tony; and Peters, Mark W., 4,534,655, Cl. 366-137.000.

Peters, Penn A.; Biller, Cleveland J.; and Johnson, David D., to United States of America, Agriculture. Transport carriage. 4,500,004, 2-19-85, Cl. 212-80.000.

Peters, Rainer: *See—*

Beyer, Guenter; Hauptmann, Rudolf; and Peters, Rainer, 4,531,125, Cl. 343-7.900.

Peters, Raymond A. Flashlight-screwdriver combination. 4,510,561, 4-9-85, Cl. 362-399.000.

Peters, Raymond A. Strong box. 4,542,848, 9-24-85, Cl. 232-4.00R.

Peters, Rex B., to Sundstrand Data Control, Inc. Angular rate sensor utilizing two vibrating accelerometers secured to a parallelogram linkage. 4,510,802, 4-16-85, Cl. 73-505.000.

Peters, Rex B., to Sundstrand Data Control, Inc. Two axis angular rate and specific force sensor utilizing vibrating accelerometers. 4,512,192, 4-23-85, Cl. 73-505.000.

Peters, Rex B.; Tonn, Jeffrey F.; Malametz, Arnold; Hilliker, Richard A.; and Corey, Victor B., to Sundstrand Data Control, Inc. Accelerometer with beam resonator force transducer. 4,517,841, 5-21-85, Cl. 73-517.0AV.

Peters, Rex B., to Sundstrand Data Control, Inc. Digital processor for use with an accelerometer based angular rate sensor. 4,522,062, 6-11-85, Cl. 73-505.000.

Peters, Rex B.: *See—*

Lee, Charles K.; Peters, Rex B.; and Gogic, Aleksandar M., 4,541,105, Cl. 377-19.000.

Peters, Rick E. Ankle brace. 4,510,927, 4-16-85, Cl. 128-80.00H.

Peters, Susan M., to Clorox Company, The. Configured fuel briquet and method. 4,496,366, 1-29-85, Cl. 44-14.000.

Peters, Thomas A.: *See—*

Nelson, Jeffrey N.; and Peters, Thomas A., 4,497,122, Cl. 34-68.000.

Peters, Thomas E.: *See—*

McColl, James R.; and Peters, Thomas E., 4,499,005, Cl. 252-301.60S.

Peters, Walter B., to Manville Service Corporation. Dry mix friction bearing material. 4,508,855, 4-2-85, Cl. 523-153.000.

Peters, Wolfram J. P.: *See—*

Drexler, Joannes H.; and Peters, Wolfram J. P., 4,545,617, Cl. 297-340.000.

Peterseim, Heinz; and Leutz, Walter, to Mannesmann Aktiengesellschaft. Discharge of top gases from blast furnaces or the like. 4,544,138, 10-1-85, Cl. 266-44.000.

Petersen, Allan E.: *See—*

Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., 4,552,730, Cl. 423-82.000.

Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., 4,562,049, Cl. 423-82.000.

Petersen, Arthur W.; and Smialowicz, Dennis T., to American Cyanamid Company. Method for removal of undesirable organic matter. 4,537,638, 8-27-85, Cl. 134-2.000.

Petersen, Benjamin R., Jr., to Fantasy Flavors, Inc. Tamper resistant closure. 4,538,740, 9-3-85, Cl. 215-246.000.

Petersen, Carl C.; McKeown, Stephen A.; and Normann, Richard W., to Allied Corporation. Mounting member for electrical contacts. 4,494,818, 1-22-85, Cl. 339-192.00R.

Petersen, Carsten: *See—*

Griesenbrock, Karl-Heinz; David, Bernd; and Petersen, Carsten, 4,506,764, Cl. 187-9.00E.

Petersen, Christian, to Petersen Manufacturing Co., Inc. Long nose locking plier. 4,541,312, 9-17-85, Cl. 81-367.000.

Petersen, Christian, to Petersen Manufacturing Co., Inc. Long nose locking pliers. 4,546,680, 10-15-85, Cl. 81-367.000.

Petersen, Christian C., to Polaroid Corporation. Electromagnetic shutter mechanism. 4,497,557, 2-5-85, Cl. 354-234.100.

Petersen, Christian C., to Polaroid Corporation. Electromagnetic actuator generating equal and opposing force vectors. 4,531,820, 7-30-85, Cl. 354-234.100.

Petersen, Christian C., to Polaroid Corporation. Apparatus for orienting magnetic particles in recording media. 4,543,551, 9-24-85, Cl. 335-284.000.

Petersen, Christian C., to Polaroid Corporation. Film advancing and processing apparatus. 4,558,936, 12-17-85, Cl. 354-86.000.

Petersen, Christian C.; and Wasson, Ken G., to Polaroid Corporation. Electromagnetic blade mechanism. 4,558,937, 12-17-85, Cl. 354-234.100.

Petersen, Christian C., to Polaroid Corporation. Twin rotatable electromagnetically driven blade mechanism. 4,558,938, 12-17-85, Cl. 354-234.100.

Petersen, Clifford W.: *See—*

Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, 4,503,393, Cl. 324-235.000.

Petersen, David A., to Ampex Corporation. Digital maximum likelihood detector for class IV partial response. 4,504,872, 3-12-85, Cl. 360-40.000.

Petersen, David A., to Bausch & Lomb Incorporated. Desktop plotter instrument. 4,547,968, 10-22-85, Cl. 33-32.00R.

Petersen, Don W., to Goodyear Aerospace Corporation. Brake disk and keyslot reinforcements therefor. 4,557,356, 12-10-85, Cl. 188-218.0XL.

Petersen, Eric R.: *See—*

Binder, Michael; Petersen, Eric R.; Walker, Charles W., Jr.; Wade, William L., Jr.; and Gilman, Sol, 4,514,478, Cl. 429-196.000.

Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,526,881, Cl. 502-101.000.

Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,543,305, Cl. 429-101.000.

Petersen, Fred, to Jastram-Werke GmbH KG, Firma. Rudder rotor for watercraft and floating equipment. 4,535,714, 8-20-85, Cl. 114-162.000.

Petersen, Gary L.: *See—*

Oja, Tonis; Petersen, Gary L.; and Cannon, David W., 4,497,208, Cl. 73-584.000.

Petersen, Godber: *See—*

Kobler, Ingo; and Petersen, Godber, 4,530,694, Cl. 493-425.000.

Petersen, Gunnar C. Apparatus for packaging portions of elongate articles. 4,541,228, 9-17-85, Cl. 53-572.000.

Petersen, Hans C.; and Thomsen, Svend E., to Danfoss A/S. Rotary piston machine with parallel internal axes. 4,502,855, 3-5-85, Cl. 418-15.000.

Petersen, Hans C.; Kyster, Erik; and Thomsen, Svend E., to Danfoss A/S. Hydrostatic control device, particularly steering device. 4,533,303, 8-6-85, Cl. 418-61.00B.

Petersen, Hans C.; Kyster, Erik; and Thomsen, Svend E., to Danfoss A/S. Hydrostatic control device, particularly steering device. 4,557,676, 12-10-85, Cl. 418-61.00B.

Petersen, Hans P. B.: *See—*

Blohm, Knud; and Petersen, Hans P. B., 4,561,345, Cl. 91-459.000.

Petersen, Helmuth, to Berliner Elektronenspeicherring Gesellschaft. Plane-grating monochromator. 4,553,253, 11-12-85, Cl. 378-084.000.

Petersen, Jann. Combined fixture and shade for tubular fluorescent lamps. 4,493,012, 1-8-85, Cl. 362-225.000.

Petersen, Jens, to K/S Epoke. Material spreading vehicle with hydraulic wheel pump. 4,558,824, 12-17-85, Cl. 239-684.000.

Petersen, Jorgen H.; Clausen, Peter J. M.; and Rasmussen, Hilmar O., to Danfoss A/S. Highly heatable fuel preparing element, particularly for vapor burners fed with liquid fuel. 4,497,625, 2-5-85, Cl. 431-208.000.

Petersen, Jorgen H.; Clausen, Peter J. M.; and Rasmussen, Hilmar O., to Danfoss A/S. Vapor burner for liquid fuel. 4,515,555, 5-7-85, Cl. 431-208.000.

Petersen, Jurgen: *See—*

Bader, Edgar; Rohrbach, Gerd; Petersen, Jurgen; and Kittel, Ludwig, 4,514,840, Cl. 370-29.000.

Petersen, Kurt E., to Transensory Devices, Inc. Method and apparatus for forming hermetically sealed electrical feedthrough conductors. 4,525,766, 6-25-85, Cl. 361-283.000.

Petersen, Kurt E.; Allen, Henry V.; and Knutti, James W., to Transensory Devices, Inc. Microminiature force-sensitive switch. 4,543,457, 9-24-85, Cl. 200-83.00N.

Petersen, Kurt E.: *See—*

Eastman, Dean E.; Eldridge, Jerome M.; Petersen, Kurt E.; and Olive, Graham, 4,561,040, Cl. 361-385.000.

Petersen, Kurt-Eckard: *See—*

Vock, Jurgen; Pinck, Peter; Lange, Norbert; Schmalfeld, Erwin; and Petersen, Kurt-Eckard, 4,500,770, Cl. 219-121.0LK.

Petersen, Kurt-Eckart: *See—*

Lorenzen, Heinz-Christen; Heitmann, Uwe; Petersen, Kurt-Eckart; and Pinck, Peter, 4,537,206, Cl. 131-281.000.

Petersen, Lee B. Wheelchair restraint. 4,511,171, 4-16-85, Cl. 296-65.00R.

Petersen Manufacturing Co., Inc.: *See—*

Petersen, Christian, 4,541,312, Cl. 81-367.000.

Petersen, Christian, 4,546,680, Cl. 81-367.000.

Petersen, Oscar J.; Barton, Ross J.; Dalke, Jack E.; Sheffield, Gerald W.; and Towle, Theodore, to Brunswick Corporation. In-line check valve having combined downstream poppet support and flow control elements. 4,537,384, 8-27-85, Cl. 251-83.000.

Petersen, Paul S., to Novus Inc. Plate glass repair apparatus and method. 4,498,940, 2-12-85, Cl. 156-98.000.

Petersen, Paul S., to MTS Systems Corporation. Test system for testing front wheel drive components of automobiles. 4,501,139, 2-26-85, Cl. 73-118.000.

Petersen, Paul S., to MTS Systems Corporation. Column clamping assembly. 4,509,910, 4-9-85, Cl. 425-451.900.

Petersen, Peter, to Allied Corporation. High-pressure vessel furnace. 4,502,531, 3-5-85, Cl. 165-76.000.

Petersen, Peter, to Allied Corporation. Method of using a high-pressure vessel furnace. 4,543,058, 9-24-85, Cl. 432-9.000.

Petersen, Richard W.; Pierini, John M.; and Yeo, Herbert G., to Augat Inc. Electrical connector programming tool. 4,522,053, 6-11-85, Cl. 720-316.000.

Petersen, Ross T. Air cleaning device. 4,547,207, 10-15-85, Cl. 55-394.000.

Petersen, Svend, to Petersen, Svend. Modular shelving. 4,558,647, 12-17-85, Cl. 108-107.000.

Petersen, Thomas D. Collateral ligament retractor. 4,520,797, 6-4-85, Cl. 128-20.000.

Petersen, Thomas D. Surgical knee alignment method and system. 4,524,766, 6-25-85, Cl. 128-92.00H.

Petersen, Tom K., to Danfoss A/S. Arrangement for controllably driving an A.C. motor. 4,496,894, 1-29-85, Cl. 318-759.000.

Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. 1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(alkyl-1-piperazinyl)quinoline-3-carboxylic acids, processes for their preparation and antibacterial agents containing them. 4,544,658, 10-1-85, Cl. 514-254.000.
Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. 1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-[4-(oxo-alkyl)-1-piperazinyl]quinoline-3-carboxylic acids and their derivatives, and antibacterial agents containing them. 4,547,503, 10-15-85, Cl. 514-254.000.
Petersen, Uwe; Grohe, Klaus; Kuhle, Engelbert; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. Quinolonecarboxylic acids and antibacterial agents containing these compounds. 4,559,341, 12-17-85, Cl. 514-254.000.
Petersen, Uwe; Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., to Bayer Aktiengesellschaft. Quinolone acids and antibacterial agents containing these compounds. 4,559,342, 12-17-85, Cl. 514-254.000.
Petersen, Uwe: *See—*
  Grohe, Klaus; Petersen, Uwe; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,658, Cl. 514-254.000.
Petersen, Wallace C., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,491,467, 1-1-85, Cl. 71-93.000.
Petersen, Wallace C., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,555,261, 11-26-85, Cl. 71-90.000.
Petersen, Wallace C.: *See—*
  Levitt, George; and Petersen, Wallace C., 4,492,599, Cl. 71-93.000.
Petersen, Walter E., to H. D. Hudson Manufacturing Company. Portable sprayer with safety cover. 4,509,664, 4-9-85, Cl. 222-402.000.
Peterson, Alan G.: *See—*
  Masoncup, John F.; Peterson, Eric O.; and Peterson, Alan G., 4,556,872, Cl. 340-542.000.
Peterson American Corporation: *See—*
  Mayers, Walter T., 4,538,563, Cl. 123-90.670.
Peterson, Amy L. Math matching game. 4,561,658, 12-31-85, Cl. 273-243.000.
Peterson, Anders; and Walum, Erik. Perfusion-cultivation of animal cells and equipment therefor. 4,530,907, 7-23-85, Cl. 435-240.000.
Peterson, Arthur G. Toy animal vehicle. 4,546,989, 10-15-85, Cl. 280-1.160.
Peterson, Bertel R.; and Fortuna, Vincent E., to Vercon Inc. Carrier for cans. 4,560,064, 12-24-85, Cl. 206-159.000.
Peterson, Brian P.; and Murphy, Patrick J., to Cooper Industries, Inc. [illegible]-overload operating linkage for enclosed interlocked receptacle with safety switch or circuit breaker. 4,506,121, 3-19-85, Cl. 200-50.00B.
Peterson, Bruce M. Back flow valve. 4,494,345, 1-22-85, Cl. 137-414.000.
Peterson, Bruce R.: *See—*
  Moon, William G.; Moon, Ronald R.; Peterson, Bruce R.; and Westwood, Donald C., 4,516,177, Cl. 360-77.000.
Peterson, Bruce W.: *See—*
  Cuscurida, Michael; Waddill, Harold G.; and Peterson, Bruce W., 4,518,720, Cl. 521-156.000.
  Cuscurida, Michael; and Peterson, Bruce W., 4,521,572, Cl. 525-507.000.
  Cuscurida, Michael; Yeakey, Ernest L.; and Peterson, Bruce W., 4,539,339, Cl. 521-137.000.
Peterson, Carl F.: *See—*
  Carlson, John H.; and Peterson, Carl F., 4,491,033, Cl. 74-640.000.
Peterson, Charles K.: *See—*
  Howard, Lowell C.; and Peterson, Charles K., 4,497,552, Cl. 354-106.000.
Peterson, Colleen S.: *See—*
  Sturm, James E.; and Peterson, Colleen S., 4,527,330, Cl. 29-827.000.
Peterson, Craig B.: *See—*
  Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,534, Cl. 371-9.000.
  Budde, David L.; Carson, David G.; Cornish, Anthony L.; Johnson, David B.; and Peterson, Craig B., 4,503,535, Cl. 371-11.000.
Peterson, David A., to Cincinnati Milacron Inc. Adjustable tape chute for tape laying machine. 4,531,998, 7-30-85, Cl. 156-574.000.
Peterson, David D., to Nuclepore Corp. Method for measuring erythrocyte deformability. 4,491,012, 1-1-85, Cl. 73-61.400.
Peterson, Donald A.: *See—*
  Sagness, Ronald L.; and Peterson, Donald A., 4,520,790, Cl. 126-109.000.
Peterson, Donald G., to Minnesota Mining and Manufacturing Company. Photoactivated polymerization of vinyl monomers in the presence of polysilanes and amines. 4,548,690, 10-22-85, Cl. 204-159.230.
Peterson, Donald W., to AT&T Bell Laboratories. Correction and monitoring of transient errors in a memory system. 4,535,455, 8-13-85, Cl. 371-13.000.
Peterson, Earl A. Add-on brine flow system for refrigerated tank of fishing vessel. 4,555,908, 12-3-85, Cl. 62-64.000.
Peterson, Edward C.: *See—*
  Martin, William J.; Carr, Keith E.; and Peterson, Edward C., 4,549,328, Cl. 15-338.000.
Peterson, Elmer R., to Baker Oil Tools, Inc. Fluid pressure actuated perforating gun. 4,531,590, 7-30-85, Cl. 175-4.520.
Peterson, Eric O.: *See—*
  Masoncup, John F.; Peterson, Eric O.; and Peterson, Alan G., 4,556,872, Cl. 340-542.000.
Peterson, Francis C.; Rodseth, William G.; and Spring, William A., to Illinois Tool Works Inc. Printed circuit board fastener. 4,523,883, 6-18-85, Cl. 411-171.000.
Peterson, Francis C., to Illinois Tool Works Inc. Friction welded fastener system. 4,551,189, 11-5-85, Cl. 156-73.500.
Peterson, Francis C., to Illinois Tool Works Inc. Clinch nut and assembly machine. 4,557,651, 12-10-85, Cl. 411-181.000.
Peterson, Francis C.: *See—*
  Rodseth, William G.; and Peterson, Francis C., 4,546,408, Cl. 361-386.000.
Peterson, Fred M.: *See—*
  Williamson, Carlton R.; and Peterson, Fred M., 4,546,835, Cl. 175-40.000.
Peterson, Gavrik: *See—*
  Flaig, Terrance L.; and Peterson, Gavrik, 4,528,486, Cl. 318-254.000.
Peterson, Gerald A. Excavating tooth, holder and retainer. 4,505,058, 3-19-85, Cl. 37-142.00A.
Peterson, Gerald E.: *See—*
  Karliner, Rudy R.; and Peterson, Gerald E., 4,511,427, Cl. 156-523.000.
  Tsals, Izrail; Peterson, Gerald E.; Karliner, Rudy R.; Carpenter, Scott R.; and Frank, Peter L., 4,559,661, Cl. 15-93.00R.
Peterson, Gordon C.: *See—*
  Blackmore, Eunice S.; Peterson, Gordon C.; and Tiddy, Gordon J. T., 4,556,502, Cl. 252-8.800.
Peterson, Gregory E., to General Motors Corporation. Vehicle air conditioning system. 4,490,987, 1-1-85, Cl. 62-186.000.
Peterson, Gudmundur P.; and d'Anjou, Daniel, to Pratt & Whitney Canada Inc. Power/torque limiter unit for free turbine type engines. 4,522,026, 6-11-85, Cl. 60-39.281.
Peterson, Jan B.: *See—*
  Baltzer, Karen L.; and Peterson, Jan B., 4,538,229, Cl. 364-428.000.
Peterson, Joe W., to Motorola, Inc. Switched capacitor comparator. 4,523,107, 6-11-85, Cl. 307-352.000.
Peterson, Joe W., to Motorola, Inc. On chip voltage monitor and method for using same. 4,528,505, 7-9-85, Cl. 324-158.00R.
Peterson, Joe W.: *See—*
  Allgood, Robert N.; Peterson, Joe W.; and Whatley, Roger A., 4,508,983, Cl. 307-577.000.
Peterson, John A.; Saran, Mohan S.; and Wisnouskas, Joseph S., to Occidental Chemical Corporation. Differential flotation reagent and method of preparation. 4,518,573, 5-21-85, Cl. 423-303.000.
Peterson, John A.: *See—*
  Abegg, M. Taylor; Peterson, John A.; Jessop, Harvey A., deceased; and Lavery, Ormond F., personal representative, 4,552,597, Cl. 149-2.000.
Peterson, John F. D.: *See—*
  Wingard, Michael G.; and Peterson, John F. D., 4,554,079, Cl. 210-776.000.
Peterson, John I., to United States of America, Health and Human Services. Method of joining plastic optical fibers and connections obtained. 4,544,231, 10-1-85, Cl. 350-96.150.
Peterson, John P., Jr.: *See—*
  Anstine, Larry D.; James, Dean B.; Melaika, Edward A.; and Peterson, John P., Jr., 4,512,921, Cl. 252-626.000.
Peterson, John R.: *See—*
  Bronson, Stanley O.; Peterson, John R.; and Schumacher, Edward B., 4,558,016, Cl. 501-95.000.
Peterson Laboratories: *See—*
  Peterson, William, 4,522,777, Cl. 264-223.000.
Peterson, Lauren M., to Environmental Research Institute of Michigan. Amplitude modulator for a high powered beam of infrared radiation. 4,509,829, 4-9-85, Cl. 350-358.000.
Peterson, Leroy L.: *See—*
  Lewandowski, Edward F.; and Peterson, Leroy L., 4,499,708, Cl. 53-432.000.
Peterson, Linn A.: *See—*
  Dick, Melvin E.; and Peterson, Linn A., 4,509,781, Cl. 293-104.000.
Peterson, Luetta M. Coiffure styling prop. 4,503,870, 3-12-85, Cl. 132-9.000.
Peterson, LuVerne R., to Burroughs Corporation. Detector-dummy detector combination which is integrated as a single element of reduced size. 4,511,995, 4-16-85, Cl. 365-8.000.
Peterson, LuVerne R., to Burroughs Corporation. High-speed, compact magnetic bubble stretcher. 4,517,662, 5-14-85, Cl. 365-44.000.
Peterson, LuVerne R.: *See—*
  Page, David W.; and Peterson, LuVerne R., 4,508,977, Cl. 307-468.000.
Peterson, Lyle: *See—*
  Berg, Harvey F.; Peterson, Lyle; and Leslie, James E., 4,559,038, Cl. 604-153.000.
Peterson Mfg. Co.: *See—*
  Templeman, Arthur R., 4,520,983, Cl. 248-481.000.
Peterson, Marvin A., to General Electric Company. Aqueous coating composition of polyesterimide. 4,513,113, 4-23-85, Cl. 524-602.000.
Peterson, Marvin L., to Du Pont de Nemours, E. I., and Company. Method for preparing butene diethers. 4,533,761, 8-6-85, Cl. 568-673.000.
Peterson, Marvin L.; Putnik, Charles F.; and Maxson, Orwin G., to Conoco Inc. Sacrificial anode composition. 4,549,948, 10-29-85, Cl. 204-196.000.
Peterson, Michael W.: *See—*
  Harder, John O.; McCandless, Doyle W.; and Peterson, Michael W., 4,532,689, Cl. 29-426.500.

Peterson, Philip R.; and Gavrielides, Athanasios, to United States of America, Air Force. Bandpass filter formed by serial gratings operating in a Wood's anomaly region. 4,502,756, 3-5-85, Cl. 350-162.200.

Peterson, Richard L.; and Scheurer, Roger J., to Hiniker Company. Tool bar with slidably insertable ballast block. 4,518,047, 5-21-85, Cl. 172-611.000.

Peterson, Richard L.; Scheurer, Roger J.; and Steinberg, Richard W., to Hiniker Company. Gauge and guide wheel assembly. 4,520,876, 6-4-85, Cl. 172-427.000.

Peterson, Richard L.; Johnson, James A.; Scheurer, Roger J.; and Steinberg, Richard W., to Hiniker Company. Cultivator row unit with ridger/bedder implement. 4,560,011, 12-24-85, Cl. 172-194.000.

Peterson, Richard M.: *See—*

  Sinniger, Joseph O.; and Peterson, Richard M., 4,538,262, Cl. 370-85.000.

Peterson, Richard R., to Sioux Technology, Inc. Locker shelf assembly. 4,500,146, 2-19-85, Cl. 312-257.0SM.

Peterson, Richard W.; and Rolf, Richard L., to Aluminum Company of America. Electrolytic cell. 4,556,468, 12-3-85, Cl. 204-243.00R.

Peterson, Richard W.: *See—*

  VanPelt, Wilbur F.; and Peterson, Richard W., 4,550,422, Cl. 378-207.000.

Peterson, Robert A. Cigarette case. 4,538,751, 9-3-85, Cl. 224-252.000.

Peterson, Robert D.; and Penner, Wayne A., to Mobil Oil Corporation. Serial floating point formatter. 4,553,133, 11-12-85, Cl. 340-347.0DD.

Peterson, Robert D.: *See—*

  Baggett, Gary P.; Peterson, Robert D.; and Penner, Wayne A., 4,545,026, Cl. 364-724.000.

Peterson, Robert L., to Niagara Mohawk Power Corporation. Method for reducing content of halogenated aromatics in hydrocarbon solutions. 4,532,028, 7-30-85, Cl. 208-262.000.

Peterson, Robert R.; Schubert, Dale W.; and Cholakis, Peter N., to Barry Wright Corporation. Tactile sensors for robotic gripper and the like. 4,492,949, 1-8-85, Cl. 338-114.000.

Peterson, Robert R., to Barry Wright Corporation. Constant velocity coupling having laminated elastomeric bearings. 4,505,688, 3-19-85, Cl. 464-111.000.

Peterson, Ronald E.: *See—*

  Durand, William W.; Jain, Anil K.; and Peterson, Ronald E., 4,553,816, Cl. 350-166.000.

  Lo, Sau K.; and Peterson, Ronald E., 4,548,473, Cl. 350-311.000.

Peterson, Russell H., to Honeywell Inc. Image processing for part inspection. 4,547,897, 10-15-85, Cl. 382-8.000.

Peterson, Soren E. Agricultural roll for conveying and sorting machines. 4,557,388, 12-10-85, Cl. 209-671.000.

Peterson, Steven G., to E. F. Johnson Company. Vertical mounting device for electrical circuit board components. 4,534,604, 8-13-85, Cl. 339-17.00D.

Peterson, Steven H.: *See—*

  Byers, William A.; and Peterson, Steven H., 4,553,034, Cl. 250-458.100.

Peterson, Theodore A. Instant sawhorse. 4,496,028, 1-29-85, Cl. 182-186.000.

Peterson, Thomas A., to AT&T Bell Laboratories. Direct memory access peripheral unit controller. 4,538,224, 8-27-85, Cl. 364-200.000.

Peterson, Thomas D., to Sperry Corporation. Apparatus for limiting electromagnetic interference radiation. 4,498,546, 2-12-85, Cl. 174-35.00R.

Peterson, Thomas L.: *See—*

  McCumber, Roger D.; Peterson, Thomas L.; and Lee, Gerry A., 4,560,293, Cl. 400-61.000.

Peterson, Walter E. Hummingbird feeder. 4,558,662, 12-17-85, Cl. 119-77.000.

Peterson, Warren J., to Joerns Healthcare, Inc. Modular drive arrangement for adjustable beds and the like. 4,545,084, 10-8-85, Cl. 5-69.000.

Peterson, William, to Peterson Laboratories. Method and apparatus for making corrected custom foot molds. 4,522,777, 6-11-85, Cl. 264-2[illegible].000.

Peterson, William A.; and Sines, John C., to AT&T Bell Laboratories. Current limit circuit in single-ended forward converter utilizing core reset to initiate power switch conduction. 4,498,128, 2-5-85, Cl. 363-21.000.

Peterson, William A., to AT&T Bell Laboratories. Low offset voltage transistor bridge transconductance amplifier. 4,521,739, 6-4-85, Cl. 330-257.000.

Peterson, William D., II. Belt conveyor gap stringer support system. 4,524,864, 6-25-85, Cl. 198-828.000.

Peterson, William F.: *See—*

  Murphy, Frank; and Peterson, William F., 4,518,387, Cl. 604-187.000.

Peterson, William J., to United States of America, Energy. Laterally bendable belt conveyor. 4,526,272, 7-2-85, Cl. 198-819.000.

Peterson, William J.; and Faulkner, Dennis T., to Sundstrand Corporation. Motor control for a brushless DC motor. 4,546,293, 10-8-85, Cl. 318-254.000.

Peterson, William R., Jr.: *See—*

  Arkles, Barry C.; Peterson, William R., Jr.; and Rokowski, Joseph M., 4,491,669, Cl. 556-410.000.

Petersson, Bengt. Device for indicating the current score when participating in sport. 4,557,215, 12-10-85, Cl. 116-222.000.

Petersson, Rolf, to Flakt Aktiebolag. Sealing device in a cylinder drier. 4,553,340, 11-19-85, Cl. 34-114.000.

Petersson, Stig A., to Boliden Aktiebolag. Method of producing lead from sulphidic lead raw-material. 4,514,217, 4-30-85, Cl. 75-10.00R.

Petersson, Stig A.; and Waara, Ulf C., to Boliden Aktiebolag. Method of manufacturing sulphur-trioxide for the production of sulphuric acid. 4,520,003, 5-28-85, Cl. 423-533.000.

Petersson, Stig A.: *See—*

  Lindquist, Bjorn K. V.; and Petersson, Stig A., 4,515,631, Cl. 75-73.000.

Petery, James J.: *See—*

  Federico, Anthony M.; Legg, Ernest L.; Wilczek, Stephen P.; Prasad, Hari K.; and Petery, James J., 4,550,382, Cl. 364-572.000.

Petetrot, Jean-Francois; and Parent, Pierre, to Framatome & Cie. Method for regulating the power supplied to a steam turbine/pressurized water nuclear reactor. 4,505,873, 3-19-85, Cl. 376-216.000.

Petho, Hajnalka: *See—*

  Kreidl, Janos; Farkas nee Kirjak, Maria; Harsanyi, Kalman; Benke, Bela; Rado, Andras; Domany, Gyorgy; Hegedus, Bela; Csongor, Eva; Deutsch nee Juhasz, Ida; and Petho, Hajnalka, 4,537,900, Cl. 514-400.000.

Petigoretz, Walter. Releasable downrigger clip. 4,538,372, 9-3-85, Cl. 43-27.400.

Peting, Robert G., to AMSTED Industries Incorporated. Restrained mechanical pipe joint. 4,506,919, 3-26-85, Cl. 285-231.000.

Peting, Robert G., to AMSTED Industries Incorporated. Boltless restrained pipe joint. 4,552,385, 11-12-85, Cl. 285-111.000.

Petit Bateau Valton S.A.: *See—*

  Boucraut, Frantz M. J., 4,492,045, Cl. 34-122.000.

Petit, Jean-Pierre; and Maitre, Xavier. Distributed arithmetic oversampling recursive digital filter. 4,521,866, 6-4-85, Cl. 364-724.000.

Petit, Leon; and De La Roche, Serge R., to Societe internationale de Pulicite et d'Agences commerciales, enabrege: "Sipac". Method for preparing a cation exchanger. 4,495,080, 1-22-85, Cl. 252-179.000.

Petit, Pierre: *See—*

  Bosquain, Maurice; Grenier, Maurice; Hay, Leon; Lapeyre, Paul; Lehman, Jean-Yves; Petit, Pierre; and Sauty, Pierre, 4,541,851, Cl. 55-208.000.

Petit, Roland, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Device for measuring the flow of a fluid. 4,534,227, 8-13-85, Cl. 73-861.870.

Petit, William A.: *See—*

  Smith, Barry L.; Hoelscher, James R.; and Petit, William A., 4,498,650, Cl. 246-122.00R.

Petiteau, Jacques A. A.: *See—*

  d'Agostino, Guy; Dhainaut, Andre; and Petiteau, Jacques A. A., 4,526,343, Cl. 251-367.000.

Petitjean, Christian; and Marchand, Maurice, to LMT Radio Professionnelle. Coherent radar. 4,538,148, 8-27-85, Cl. 343-17.20R.

Petitjean, Christian; and Parquier, Guy L., to LMT Radio Professionnelle. Process for the protection of a radar against jamming and radar for putting this process into effect. 4,546,356, 10-8-85, Cl. 343-18.00E.

Petitjean, Donald L. Golf club swing training device. 4,515,368, 5-7-85, Cl. 273-186.00A

Petitou, Maurice: *See—*

  Lormeau, Jean-Claude; Petitou, Maurice; and Choay, Jean, 4,500,519, Cl. 514-56.000.

Petkanchin, Lyubomir T.: *See—*

  Marinov, Mihail T.; Petkanchin, Lyubomir T.; Pushev, Georgi I.; Kostov, Georgi T.; Mihovski, Mitko M.; and Manolova, Valentina A., 4,545,252, Cl. 73-633.000.

Petke, Frederick D.; Ramsey, Charles W.; and McConnell, Richard L., to Eastman Kodak Company. Copolyester compositions. 4,554,303, 11-19-85, Cl. 524-277.000.

Petkoff, Peter M.: *See—*

  Sewell, John S.; McColl, Frederick A.; and Petkoff, Peter M., 4,497,332, Cl. 137-15.000.

Petkov, Georgi K.; Botev, Botyo P.; Naydenov, Ivan H.; Metev, Georgi M.; and Petrov, Yakim N., to NPSP po Hydroplastichna Obrabotka na Metalite. Apparatus for hydroplastic processing of tubular products. 4,558,579, 12-17-85, Cl. 72-56.000.

Petoia, Salvatore R., to United States of America, Navy. Multi-directional straddle-lift carrier. 4,551,059, 11-5-85, Cl. 414-459.000.

Petr, David W., to AT&T Bell Laboratories. Digital code converter. 4,518,950, 5-21-85, Cl. 340-347.0DD.

Petr, Jan; and Steinle, Benedikt, to LGZ Landis & Gyr Zug AG. Current to pulse-sequence transducer. 4,520,311, 5-28-85, Cl. 324-117.00R.

Petr, Jan: *See—*

  Lienhard, Heinz; and Petr, Jan, 4,525,668, Cl. 324-142.000.

Petracek, Vaclav; and Wang, Kenneth Y., to Burlington Industries, Inc. Warp yarn reinforced ultrasonic web bonding. 4,504,539, 3-12-85, Cl. 428-195.000.

Petrak, Daniel R.; Winkelbauer, Howard M.; Kleeb, Thomas R.; and Wang, Ke-Chin, to Dresser Industries, Inc. Refractory. 4,557,884, 12-10-85, Cl. 264-65.000.

Petrak, Harry A., to Tenneco Inc. Synchronized clutch assembly with selective override for four-wheel drive vehicles. 4,557,358, 12-10-85, Cl. 192-35.000.

Petrakis, Leon: *See—*

  Friedlaender, Fritz J.; Takayasu, Makoto; Hwang, Jiann-Yang; and Petrakis, Leon, 4,526,681, Cl. 209-214.000.

Petrantoni, Joseph. Chambered cooler. 4,551,988, 11-12-85, Cl. 62-457.000.

Petrarch Systems Inc.: *See—*

  Arkles, Barry C.; Peterson, William R., Jr.; and Rokowski, Joseph M., 4,491,669, Cl. 556-410.000.

  Arkles, Barry C., 4,500,688, Cl. 525-431.000.

  Arkles, Barry C., 4,550,139, Cl. 525-90.000.

- Petras, Jeffrey L.: *See—*
  - Worley, Robert F.; and Petras, Jeffrey L., 4,520,609, Cl. 52-729.000.
- Petraud, Gilles, to Cerimon. Trencher with plural digging wheels having adjustable inclination. 4,535,555, 8-20-85, Cl. 37-94.000.
- Petravicius, Stasys: *See—*
  - Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.
- Petre, Dominique; and Michelet, Daniel, to Rhone-Poulenc Sante. Process for the preparation of 4-hydroxyquinolines. 4,508,902, 4-2-85, Cl. 546-153.000.
- Petre, Joseph E. Combination boot carrying and drying device. 4,530,168, 7-23-85, Cl. 34-106.000.
- Petrelis, Peter G.; and Alexander, John A., to TRW Inc. N by M planar configuration switch for radio frequency applications. 4,495,498, 1-22-85, Cl. 340-825.790.
- Petretti, Anthony V., to Metro Hoist & Body Co., Inc. Eductor truck. 4,543,183, 9-24-85, Cl. 210-187.000.
- Petri A.G.: *See—*
  - Zeller, Gregor; and Bonn, Helmut, 4,548,454, Cl. 339-3.00S.
- Petri, Hector D., to Illinois Tool Works Inc. RF gasket retainer clip. 4,525,904, 7-2-85, Cl. 24-458.000.
- Petri, Randy J.: *See—*
  - Claar, Terry D.; and Petri, Randy J., 4,512,388, Cl. 165-1.000.
- Petric, Paul F.; and Foley, Michael S., to Varian Associates, Inc. Localized vacuum processing apparatus. 4,524,261, 6-18-85, Cl. 219-121.0EL.
- Petric, Paul F.; Foley, Michael S.; Utlaut, Mark W.; and Laiacano, Joseph A., to Varian Associates, Inc. Gap control system for localized vacuum processing. 4,528,451, 7-9-85, Cl. 250-441.100.
- Petric, Paul F.; Foley, Michael S.; Waz, John J.; and Milgate, Robert W., III, to Varian Associates, Inc. Apparatus for positioning a workpiece in a localized vacuum processing system. 4,560,880, 12-24-85, Cl. 250-441.100.
- Petricca, Anthony V.: *See—*
  - Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., 4,497,845, Cl. 426-646.000.
  - Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., 4,511,592, Cl. 426-646.000.
- Petrich, Dennis M.; Amick, Christopher G.; and Gruenenwald, Stanley L., to Micro Component Technology, Inc. Integrated circuit test apparatus test head. 4,517,512, 5-14-85, Cl. 324-73.00R.
- Petrich, Dennis M.; and Wilstrup, Jan B., to Micro Component Technology, Inc. AC parametric circuit having adjustable delay lock loop. 4,527,126, 7-2-85, Cl. 328-155.000.
- Petrick, David C., to Bretford Manufacturing, Inc. Universal printer stand. 4,512,543, 4-23-85, Cl. 248-670.000.
- Petricka, Ronald E., to Deluxe Innovations, Inc. Paint roller cleaning apparatus. 4,517,699, 5-21-85, Cl. 15-104.040.
- Petrie, Adelore F., to Motorola, Inc. Digital circuitry for producing indicative signals at predetermined times prior to periodic pulses. 4,535,464, 8-13-85, Cl. 377-39.000.
- Petrie, Brian C.: *See—*
  - Mels, Sherman J.; Petrie, Brian C.; and Pokusa, Richard J., 4,561,952, Cl. 204-181.700.
- Petrie, Colleen Y. Nurse's mitt. 4,523,349, 6-18-85, Cl. 15-227.000.
- Petrie, Dennis J.; and Hastings, Jerome K., to Eaton Corporation. Residential circuit breaker with combination slot motor and arc chute. 4,546,336, 10-8-85, Cl. 335-16.000.
- Petrie, Dennis J.; Bridges, Robert B.; Grass, William E.; and Hastings, Jerome K., to Eaton Corporation. Residential circuit breaker with one piece slot motor. 4,546,337, 10-8-85, Cl. 335-16.000.
- Petrie, Harold L.: *See—*
  - Holland, Ronald A.; Petrie, Harold L.; Brennan, John R.; and Christ, Frederick C., 4,519,457, Cl. 166-317.000.
- Petrille, Dennis G.: *See—*
  - Basalay, Robert J.; West, C. Thomas; and Petrille, Dennis G., 4,519,926, Cl. 252-49.600.
- Petrillo, Edward W., Jr.: *See—*
  - Karanewsky, Donald S.; and Petrillo, Edward W., Jr., 4,555,506, Cl. 514-91.000.
  - Ryono, Denis E.; and Petrillo, Edward W., Jr., 4,560,680, Cl. 514-82.000.
- Petrimaux, Eric: *See—*
  - Bouteille, Daniel; Petrimaux, Eric; and Burban, Jean-Luc, 4,492,149, Cl. 92-5.00R.
- Petrini, Guido: *See—*
  - Moreschini, Luciano; Dalloro, Leonardo; Cavaterra, Enrico; Petrini, Guido; and Covini, Romano, 4,499,302, Cl. 562-599.000.
- Petrini, Roland; and De Marchi, Jean-Louis, to Salomon S.A. Adjustment device for a ski boot. 4,555,830, 12-3-85, Cl. 24-68.0SK.
- Petrini, Roland; and De Marchi, Jean-Louis, to Salomon S.A. Ski boot having upper with journalled distribution plate. 4,561,196, 12-31-85, Cl. 36-118.000.
- Petrini, Roland: *See—*
  - Morell, Joseph; Paris, Jean; and Petrini, Roland, 4,551,933, Cl. 36-120.000.
- Petrizzi, Jeffrey M.: *See—*
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- Petro-Canada Exploration Inc.: *See—*
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  - Filby, John E., 4,514,305, Cl. 210-703.000.
- Petro, David J., to Avco Corporation. Compressor air bleed override control system. 4,502,275, 3-5-85, Cl. 60-39.270.
- Petro, John D., to Commercial Shearing, Inc. Hydraulic valves. 4,519,419, 5-28-85, Cl. 137-596.000.
- Petro, John D., to Commercial Shearing, Inc. Hydraulic valves. 4,519,420, 5-28-85, Cl. 137-596.000.
- Petro-Tex Chemical Corporation: *See—*
  - Keyworth, Donald A.; and McFarland, Cecil G., 4,540,839, Cl. 585-520.000.
  - McFarland, Cecil G., 4,513,159, Cl. 585-625.000.
- Petro Tool, Inc.: *See—*
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- Petro-Williams Service Company: *See—*
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- Petrocarbon Developments Limited: *See—*
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- Petrocine, David V.; and Harmetz, Ronald, to Penick Corporation. Dehydration of 2,5-dimethyl-2,5-hexanediol. 4,507,518, 3-26-85, Cl. 585-610.000.
- Petrocine, David V., to American Cyanamid Company. Preparation of substituted and unsubstituted 2-carbamoyl nicotinic and 3-quinolinecarboxylic acids. 4,562,257, 12-31-85, Cl. 546-169.000.
- Petroff, Alan M. Measurement and control system. 4,530,045, 7-16-85, Cl. 364-138.000.
- Petroff, Lenin J.: *See—*
  - Chandra, Girish; Kosal, Jeffrey A.; Petroff, Lenin J.; and Plueddemann, Edwin P., 4,549,979, Cl. 252-135.000.
- Petrofsky, Jerrold S.; Glaser, Roger M.; Phillips, Chandler A.; and Petrofsky, Steven H., to Wright State University. Method and apparatus for providing feedback-controlled muscle stimulation. 4,492,233, 1-8-85, Cl. 128-421.000.
- Petrofsky, Jerrold S.; Phillips, Chandler A.; Glaser, Roger M.; and Heaton, Harry H., III, to Wright State University. System and method for treating paralyzed persons. 4,499,900, 2-19-85, Cl. 128-423.00W.
- Petrofsky, Jerrold S.; Glaser, Roger M.; Petrofsky, Steven H.; and Heaton, Harry H., III, to Wright State University. Method and apparatus for exercising. 4,556,214, 12-3-85, Cl. 272-117.000.
- Petrofsky, Jerrold S., to Wright State University. Hand control system. 4,558,704, 12-17-85, Cl. 128-423.00R.
- Petrofsky, Jerrold S.: *See—*
  - Glaser, Roger M.; Petrofsky, Jerrold S.; and DuFour, Howard R., 4,523,769, Cl. 280-252.000.
- Petrofsky, Steven H.: *See—*
  - Petrofsky, Jerrold S.; Glaser, Roger M.; Phillips, Chandler A.; and Petrofsky, Steven H., 4,492,233, Cl. 128-421.000.
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- Petroleo Brasileiro S.A. - Petrobras: *See—*
  - Abdel-Hehim, Hossam A. A.; Coelho, Wagner C.; and Soares, Gloria M. G., 4,523,941, Cl. 71-37.000.
- Petroleum Instrumentation & Technological Services: *See—*
  - Hayatdavoudi, Asadollah; and Marascalco, Ronald F., 4,491,414, Cl. 366-6.000.
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  - Stephenson, Tom, 4,515,030, Cl. 74-348.000.
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  - Seng, Yeoh C.; and Fong, Chen S., 4,549,897, Cl. 71-3.000.
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  - Bellos, Thomas J.; and Lovett, Eva G., 4,505,839, Cl. 252-344.000.
  - Buriks, Rudolf S.; and Dolan, James G., 4,502,977, Cl. 252-340.000.
  - French, Eddie; and Braga, Thomas G., 4,500,445, Cl. 252-387.000.
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  - Heintzelman, William J.; and Godar, Richard L., 4,508,637, Cl. 252-396.000.
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  - Millar, Scott W., 4,552,591, Cl. 106-18.330.
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  - Newberry, Michael E., 4,518,509, Cl. 252-8.300
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  - Quinlan, Patrick M., 4,514,320, Cl. 252-392.000.
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  - Robinson, James R., 4,511,452, Cl. 204-302.000.
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  - Hallberg, John E., 4,492,207, Cl. 123-527.000.
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  - Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.
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- Petrovic, Milan: *See—*
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  - Pinter, Reinhard; Petschauer, Franz; and Sbaschnigg, Johann, 4,544,447, Cl. 162-300.000.
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  - Hagerty, Robert O.; Petsche, Irena B.; and Schurzky, Kenneth G., 4,562,169, Cl. 502-107.000.
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  - Fischer, Klaus; Kroschel, Heinz; Nicodemus, Joachim; and Petters, Willi, 4,498,393, Cl. 102-393.000.
- Pettersen, Arild: *See—*
  - Wiik, Tore H.; Pettersen, Arild; and Tonnesson, Thorstein, 4,562,343, Cl. 235-382.500.
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- Pettersson, Ola, to KB Cold Isostatic Press Systems CIPS. Plant for cold isostatic pressing. 4,514,158, 4-30-85, Cl. 425-78.000.
- Pettersson, Stig. Combined lift fork and bucket device for attachment to a vehicle. 4,545,721, 10-8-85, Cl. 414-724.000.
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  - Lunden, Bengt; and Pettersson, Tord, 4,526,310, Cl. 227-67.000.
- Pettibone, Donald W.: *See—*
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- Pettiford, Michael E.: *See—*
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  - Lum, Genevieve S.; Li, Hsueh M.; and Pettigrew, F. Alexander, 4,522,798, Cl. 423-300.000.
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  - Wainwright, Ronald C.; Goy, Nicholas M.; Anderson, John D.; Pettigrew, Robert M.; and Bradbrook, John D., 4,541,695, Cl. 350-429.000.
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- Pettit, Douglas L.; and Piilola, Calvin E., to General Resource Corporation. Filter bag clamp. 4,512,789, 4-23-85, Cl. 55-378.000.
- Pettit, Flora H., executrix: *See—*
  - Kramer, George M.; Weissman, Walter; Brown, Herbert C.; and Pettit, Rowland, deceased, 4,518,798, Cl. 560-233.000.
- Pettit, Frederick M. Pool entrance and supporting structure. 4,527,297, 7-9-85, Cl. 4-496.000.
- Pettit, George D.: *See—*
  - Jackson, Thomas N.; Kirchner, Peter D.; Pettit, George D.; Rosenberg, James J.; Woodall, Jerry M.; and Wright, Steven L., 4,550,047, Cl. 428-136.000.
- Pettit, George R.; and Herald, Cherry L., to Arizona State University. Macrocyclic lactones. 4,560,774, 12-24-85, Cl. 549-267.000.
- Pettit, John R.: *See—*
  - Slyker, Richard W.; and Pettit, John R., 4,521,040, Cl. 285-140.000.
- Pettit, Rowland, deceased: *See—*
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- Pettitt, Robert E., to Minnesota Mining and Manufacturing Company. Electrographic copy paper support. 4,491,409, 1-1-85, Cl. 355-16.000.
- Pettovello, Elzi: *See—*
  - Cox, Ron; and Pettovello, Elzi, 4,510,373, Cl. 219-137.710.
  - Cox, Ron; and Pettovello, Elzi, 4,534,499, Cl. 226-184.000.
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- Petty, Dale H.; Penner, David A.; and Van Den Berghe, James A., to William Beaumont Hospital. Esophageal function and EKG monitor. 4,503,859, 3-12-85, Cl. 128-635.000.

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Petty-Weeks, Bruce C.; and Zeitlin, Martin A., to Standard Oil Company (Indiana). Process for removal and recycle of p-toluic acid from terephthalic acid crystallizer solvent. 4,500,732, 2-19-85, Cl. 562-486.000.

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Peugeot, Richard S., to Ridge, Inc. Microfocus X-ray system. 4,521,902, 6-4-85, Cl. 378-138.000.

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Peuzin, Jean C., to Commissariat a l'Energie Atomique. Pyroelectric detector. 4,493,563, 1-15-85, Cl. 374-121.000.

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Pevnev, Anatoly A.: *See—*
Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.

Pevsner, Paul H. Method of using miniature balloon catheter for perfusing. 4,509,523, 4-9-85, Cl. 128-658.000.

Pews, R. Garth: *See—*
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Lysenko, Zenon; and Pews, R. Garth, 4,562,009, Cl. 260-465.600.

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Peyre, Henri: *See—*
Beyl, Jean; Bernard, Jean; Guerreau, Rene; le Faou, Daniel; and Peyre, Henri, 4,508,360, Cl. 280-605.000.
Beyl, Jean J. A.; Buzon, Philippe; Campillo, Christian; Cursillat, Jackie; le Faou, Daniel; and Peyre, Henri, 4,494,769, Cl. 280-630.000.

Peyronel, Jean-Francois: *See—*
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Farge, Daniel; Roy, Pierre L.; Moutonnier, Claude; and Peyronel, Jean-Francois, 4,503,220, Cl. 544-16.000.
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Peyronnenc, Michel H. P.: *See—*
Ambroise, Modeste; Demange, Michel; Lebizay, Gerald; Munier, Jean-Marie; and Peyronnenc, Michel H. P., 4,539,678, Cl. 370-86.000.

Peytavin, Pierre, to Vallourec S.A. Process for cold rolling of tubes by means of a pilger mill and device for using the process. 4,541,262, 9-17-85, Cl. 72-214.000.

Peyton, Jeffrey L. Hand actuated puppet and kit. 4,555,236, 11-26-85, Cl. 446-329.000.

Peyton, John J.; and Watt, Bryan K., to Industrial Automation Corp. Transfer system. 4,501,365, 2-26-85, Cl. 209-548.000.

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Marsella, John A.; and Pez, Guido P., 4,558,157, Cl. 564-132.000.

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Pezzner, Richard S.; and Rader, George L., to RSP Innovation Design Mfg., Inc. Combined engine-handling and metalworking machine. 4,523,888, 6-18-85, Cl. 414-680.000.

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Pezzolo, Donald E.; Pfeiffer, James W.; and Corder, Thomas E., to Intermatic Incorporated. Programmable wall switch for controlling lighting times and loads. 4,521,843, 6-4-85, Cl. 364-145.000.

Pezzulo, Antimo: *See—*
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Balzer, Dieter; and Hager, Walter, 4,542,707, Cl. 112-310.000.
Dietrich, Herbert; and Mall, Gunther, 4,502,356, Cl. 83-175.000.
Dusch, Albert, 4,550,671, Cl. 112-235.000.
Hager, Walter, 4,491,080, Cl. 112-275.000.
Hager, Walter, 4,528,923, Cl. 112-275.000.
Martin, August, 4,555,998, Cl. 112-121.120.
Sander, Wilfried, 4,524,707, Cl. 112-152.000.
Schilling, Lothar; and Schiller, Karl H., 4,558,654, Cl. 112-298.000.
Vollmar, Kurt, 4,508,043, Cl. 112-235.000.
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Walther, Karl H., 4,515,098, Cl. 112-274.000.
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Pfaffmann, George D.; and Mucha, George M., to Park-Ohio Industries, Inc. Method for inductively heat treating workpiece bore walls. 4,531,987, 7-30-85, Cl. 148-150.000.

Pfahl, Siegfried: *See—*
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Pfanzer, Gerhard, to Black & Decker Inc. Jig saw with orbital mechanism. 4,512,078, 4-23-85, Cl. 30-393.000.

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Pfeffer, Martin: *See—*
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Pfeifer, George F., to General Electric Company. Base drive circuit controller. 4,538,078, 8-27-85, Cl. 307-592.000.

Pfeifer, Heinrich, to ITT Industries, Inc. Decoder for traffic information regional tone signals. 4,561,115, 12-24-85, Cl. 455-228.000.

- Pfeifer, Jack F.: *See—*
  - Aschinger, William T.; Pfeifer, Jack F.; and Shumaker, Dale E., 4,507,714, Cl. 362-126.000.
- Pfeifer, Jerome L.: *See—*
  - Wertheimer, Harry P.; Libsch, Thomas A.; Pfeifer, Jerome L.; and Becker, Paul C., 4,535,316, Cl. 338-34.000.
- Pfeifer, Robert F.: *See—*
  - Dham, Vinod K.; Honnigford, Edward H.; Stewart, John K., Jr.; Pfeifer, Robert F.; and Trudel, Murray L., 4,534,104, Cl. 29-571.000.
  - Turi, Raymond A.; and Pfeifer, Robert F., 4,516,313, Cl. 29-571.000.
- Pfeifer, William: *See—*
  - Lacefield, William B.; and Pfeifer, William, 4,552,982, Cl. 564-164.000.
- Pfeiffer, Arnold: *See—*
  - Gruner, Hans; Pfeiffer, Arnold; Rommerswinkel, Heinrich-Wilhelm; and Vest, Rolf, 4,539,042, Cl. 75-43.000.
- Pfeiffer, Claus-Peter, to Metzeler Kautschuk GmbH. Flexible hollow body fillable with fluid medium. 4,520,054, 5-28-85, Cl. 428-35.000.
- Pfeiffer, Hans C.: *See—*
  - Langner, Gunther O.; Pfeiffer, Hans C.; and Sturans, Maris A., 4,544,846, Cl. 250-396.0ML.
- Pfeiffer, Heinrich; Muetzel, Wolfgang; and Speck, Ulrich, to Schering Aktiengesellschaft. N-hydroxyethylated 2,4,6-triiodoaminoisophthalic acid bistrihydroxybutylamides, their preparation and x-ray contrast media containing them. 4,547,357, 10-15-85, Cl. 424-5.000.
- Pfeiffer, James W.; and Corder, Thomas E., to Security Switch, Ltd. Wall command switch. 4,508,943, 4-2-85, Cl. 200-17.00R.
- Pfeiffer, James W.: *See—*
  - Pezzolo, Donald E.; Pfeiffer, James W.; and Corder, Thomas E., 4,521,843, Cl. 364-145.000.
- Pfeiffer, John W., to Koppers Company, Inc. Rotary vane valve including means for ensuring uniform distribution of purge gas. 4,556,079, 12-3-85, Cl. 137-240.000.
- Pfeiffer, Josef: *See—*
  - Steinberger, Helmut; Kirschnek, Helmut; and Pfeiffer, Josef, 4,524,172, Cl. 524-506.000.
- Pfeiffer, Martin: *See—*
  - Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, 4,559,663, Cl. 15-250.350.
  - Grimm, Hermann; Volz, Wolfgang; Supper, Ottmar; and Pfeiffer, Martin, 4,560,973, Cl. 338-28.000.
  - Schmidt, Manfred; Trube, Hans; and Pfeiffer, Martin, 4,544,197, Cl. 296-84.00R.
- Pfeiffer, Peter: *See—*
  - Gallitzendorfer, Josef; Gotz, Hans; Pfeiffer, Peter; and Tomforde, Johann, 4,541,664, Cl. 296-213.000.
  - Gallitzendorfer, Joseph; Pfeiffer, Peter; Tomforde, Johann; Parisch, Jochen; and Zweigart, Gerhard, 4,518,197, Cl. 296-213.000.
- Pfeiffer, Ralph R.: *See—*
  - Rolski, Stanislaw; and Pfeiffer, Ralph R., 4,558,053, Cl. 514-283.000.
- Pfeiffer, Richard: *See—*
  - Altmann, Gerhard; Bendel, Wolfgang; Dedelmahr, Rudolf; and Pfeiffer, Richard, 4,540,536, Cl. 264-102.000.
- Pfeiffer, Roland; and Waldhecker, Heinz-Dieter, to Klockner-Humboldt-Deutz AG. Method for the production of reaction gases. 4,537,626, 8-27-85, Cl. 75-35.000.
- Pfeiffer, Wilfried: *See—*
  - Kayser, Harald; and Pfeiffer, Wilfried, 4,523,420, Cl. 53-266.00R.
- Pfeifle, Helmut: *See—*
  - Guntert, Josef; Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,150, Cl. 123-447.000.
  - Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,149, Cl. 123-447.000.
  - Laufer, Helmut; Pfeifle, Helmut; and Straubel, Max, 4,535,742, Cl. 123-447.000.
- Pfeiler, Manfred: *See—*
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- Pfeiler, William A.: *See—*
  - Holcombe, Cressie E.; Masters, David R.; and Pfeiler, William A., 4,550,412, Cl. 373-155.000.
- Pfendler, Klaus: *See—*
  - Stockle, Bernd; and Pfendler, Klaus, 4,492,908, Cl. 318-663.000.
- Pfenninger, Billy J.; and Stansel, F. Harrison, to Krause Plow Corporation. Wing lift for foldable implements. 4,535,848, 8-20-85, Cl. 172-311.000.
- Pfenninger, Heinz; and Bruttel, Beat, to Ciba-Geigy Corporation. Process for converting sparingly soluble inorganic salts of cationic dyes and brighteners into more soluble salts of organic acids. 4,559,144, 12-17-85, Cl. 210-638.000.
- Pfenninger, Heinz: *See—*
  - Bruttel, Beat; and Pfenninger, Heinz, 4,500,321, Cl. 8-527.000.
- Pfennings, Leonardus C. M. G.: *See—*
  - Veendrick, Hendrikus J. M.; Pfennings, Leonardus C. M. G.; Raven, Johannes G.; and Nillesen, Antonius H. H. J., 4,513,388, Cl. 364-736.000.
- Pfeutzenreuter, Henry: *See—*
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- Pfister GmbH: *See—*
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  - Hafner, Hans, 4,528,848, Cl. 73-218.000.
  - Hafner, Hans W., 4,497,213, Cl. 73-862.380.
  - Hafner, Hans W., 4,522,074, Cl. 73-862.040.
  - Hafner, Hans W., 4,541,285, Cl. 73-744.000.
  - Lewandowski, Reiner, 4,541,066, Cl. 364-580.000.
- Pfister, Gustav: *See—*
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  - Troup, Alan P.; Guttinger, Hannes; and Pfister, Gustav, 4,551,710, Cl. 340-505.000.
- Pfister, Hans; and Rupp, Gunter, to Siemens Aktiengesellschaft. Device for high gradient magnetic separation. 4,528,096, 7-9-85, Cl. 210-222.000.
- Pfister, Henry F.: *See—*
  - Gross, Thomas A. O.; Barrett, Raymond L., Jr.; and Pfister, Henry F., 4,549,186, Cl. 343-748.000.
- Pfister, Jean-Francois. Intermittent drive arrangement. 4,492,905, 1-8-85, Cl. 318-470.000.
- Pfister, Jean-Francois, to Societe Industrielle de Sonceboz S.A. Configuration and bearing for a motor-driven linear actuator. 4,553,056, 11-12-85, Cl. 310-80.000.
- Pfister, Jurg R.: *See—*
  - Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,543,361, Cl. 514-422.000.
  - Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,548,949, Cl. 514-422.000.
  - Patterson, John W., Jr.; and Pfister, Jurg R., 4,515,727, Cl. 260-413.000.
- Pfister, Larry E.: *See—*
  - Johnson, William R.; and Pfister, Larry E., 4,540,472, Cl. 20[illegible]-28.000.
- Pfister, Rudolf; Zeller, Paul; Binder, Dieter; and Hromatka, Otto, to Hoffmann-La Roche Inc. Antiinflammatory, analgesic, and antirheumatic 4-hydroxy-2-methyl-n-(2-pyridyl)-6-trifluoromethyl-2H-thieno[2,3-e]-1,2-thiazine-3-carboxamide 1,1-dioxide, corresponding compositions, and 3-carboxylic acid lower alkyl ester intermediates. 4,544,655, 10-1-85, Cl. 514-222.000.
- Pfister, Rudolf: *See—*
  - Aschwanden, Werner; Branca, Quirico; Kyburz, Emilio; and Pfister, Rudolf, 4,513,002, Cl. 514-408.000.
- Pfister, Theodor; Eue, Ludwig; Schmidt, Robert R.; and Hanssler, Gerd, to Bayer Aktiengesellschaft. Chlorinated phosph[illegible]ylmethylcarbonyl derivative plant protection agents. 4,541,858, 9-17-85, Cl. 71-86.000.
- Pfister, William J.: *See—*
  - Shirn, George A.; and Pfister, William J., 4,531,177, Cl. 361-433.000.
- Pfitzner, Jorg: *See—*
  - Metzger, Karl G.; Pfitzner, Jorg; Schmidt, Delf; Weyland, Horst; Benz, Gunter; and Schroder, Theo, 4,546,079, Cl. 435-71.000.
- Pfizenmaier, Heinz: *See—*
  - Baum, Helmut; Pfizenmaier, Heinz; Schmidt, Ewald; and Strauss, Franz, 4,536,719, Cl. 331-37.000.
  - Grunwald, Werner; Pfizenmaier, Heinz; de la Prieta, Claudio; Schmid, Kurt; and Schmidt, Ewald, 4,522,671, Cl. 156-235.000.
- Pfizenmaier, Wolfgang, to Heidelberger Druckmaschinen AG. Device for controlling the lateral position of a web in a web printing machine. 4,527,069, 7-2-85, Cl. 250-548.000.
- Pfizer Hospital Products Group, Inc.: *See—*
  - Kenna, Robert V., 4,550,448, Cl. 623-16.000.
- Pfizer Inc.: *See—*
  - Alker, David; Cross, Peter E.; and Campbell, Simon F., 4,548,935, Cl. 514-230.000.
  - Barth, Wayne E., 4,502,990, Cl. 260-245.20R.
  - Barth, Wayne E., 4,503,040, Cl. 424-114.000.
  - Barth, Wayne E., 4,536,393, Cl. 424-114.000.
  - Bass, Robert J., 4,558,048, Cl. 514-232.000.
  - Belletire, John L., 4,530,919, Cl. 562-467.000.
  - Brennan, Thomas M.; and Hendrick, Michael E., 4,517,379, Cl. 564-193.000.
  - Bright, Gene M., 4,492,688, Cl. 424-180.000.
  - Bright, Gene M., 4,526,889, Cl. 514-29.000.
  - Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,515,799, Cl. 514-341.000.
  - Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,539,322, Cl. 514-253.000.
  - Campbell, Simon F.; Jaxa-Chamiec, Albert A.; and Roberts, David A., 4,542,132, Cl. 514-222.000.
  - Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,547,502, Cl. 514-253.000.
  - Celmer, Walter D.; Cullen, Walter P.; Watts, Paul C.; Shibakawa, Riichiro; and Tone, Junsuke, 4,496,546, Cl. 514-29.000.
  - Celmer, Walter D.; Cullen, Walter P.; Shibakawa, Riichiro; and Tone, Junsuke, 4,533,553, Cl. 514-460.000.
  - Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,543,334, Cl. 435-253.000.
  - Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,547,523, Cl. 514-375.000.
  - Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,552,843, Cl. 435-76.000.
  - Cooper, Kevin; Richardson, Kenneth; and Whittle, Peter J., 4,505,919, Cl. 514-340.000.
  - Crawford, Thomas C.; Keely, Stanley L.; Larson, David L.; Lombardino, Joseph G.; and Maciejko, James J., 4,559,326, Cl. 514-23.000.
  - Cronin, Timothy H.; Faubl, Hermann; Hoffman, William W.; and Korst, James J., 4,491,583, Cl. 424-250.000.

  - Cross, Peter E.; and Dickinson, Roger P., 4,496,572, Cl. 514-337.000.
  - Cross, Peter E.; Dickinson, Roger P.; and Thomas, Geoffrey N., 4,551,468, Cl. 514-339.000.
  - Cross, Peter E.; and Dickinson, Roger P., 4,555,516, Cl. 514-326.000.
  - Cue, Berkeley W., Jr.; and Moore, Bernard S., 4,528,387, Cl. 549-404.000.
  - Flick, Gary D.; and Reinshagen, John H., 4,551,219, Cl. 204-290.00R.
  - Glazer, Edward A., 4,546,113, Cl. 514-636.000.
  - Goldman, Irving M.; Kuhla, Donald E.; and Sklavounos, Constantine, 4,550,164, Cl. 544-291.000.
  - Gymer, Geoffrey E.; and Richardson, Kenneth, 4,507,484, Cl. 546-210.000.
  - Hamanaka, Ernest S.; and Stam, John G., 4,521,533, Cl. 514-80.000.
  - Hauske, James R.; and Nagel, Arthur A., 4,512,982, Cl. 514-29.000.
  - Hauske, James R.; and Nagel, Arthur A., 4,518,590, Cl. 514-29.000.
  - Holland, Gerald F., 4,511,575, Cl. 514-423.000.
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  - Hutchison, Alan J., 4,533,667, Cl. 514-278.000.
  - Johnson, Michael R.; and Melvin, Lawrence S., Jr., 4,529,732, Cl. 514-327.000.
  - Kadin, Saul B., 4,535,081, Cl. 514-258.000.
  - Kadin, Saul B., 4,556,672, Cl. 514-414.000.
  - Kardys, Joseph A., 4,536,573, Cl. 544-49.000.
  - Kellogg, Michael S., 4,517,126, Cl. 260-245.20R.
  - Kellogg, Michael S., 4,518,530, Cl. 260-245.20R.
  - Kellogg, Michael S., 4,540,687, Cl. 514-193.000.
  - LaMattina, John L.; and Lipinski, Christopher A., 4,510,313, Cl. 548-194.000.
  - LaMattina, John L., 4,554,276, Cl. 514-272.000.
  - Lipinski, Christopher A., 4,556,670, Cl. 514-390.000.
  - Livak, Ronald J., 4,525,325, Cl. 420-473.000.
  - Lombardino, Joseph G.; and Harbert, Charles A., 4,500,535, Cl. 514-277.000.
  - Lombardino, Joseph G.; and Harbert, Charles A., 4,535,084, Cl. 514-277.000.
  - Marfat, Anthony, 4,551,452, Cl. 514-222.000.
  - Moore, Bernard S., 4,551,542, Cl. 549-401.000.
  - Pirie, Donald K.; Volkmann, Robert A.; and Kleinman, Edward F., 4,499,017, Cl. 260-245.20R.
  - Reiter, Lawrence A., 4,560,690, Cl. 514-256.000.
  - Rhodes, Peter M.; and Winskill, Norman, 4,495,284, Cl. 435-148.000.
  - Richardson, Kenneth; and Cooper, Kelvin, 4,503,063, Cl. 514-383.000.
  - Richardson, Kenneth; and Cooper, Kelvin, 4,510,148, Cl. 514-340.000.
  - Richardson, Kenneth; and Whittle, Peter J., 4,518,604, Cl. 514-340.000.
  - Richardson, Kenneth; and Whittle, Peter J., 4,529,799, Cl. 546-256.000.
  - Richardson, Kenneth; and Whittle, Peter J., 4,554,286, Cl. 514-383.000.
  - Richardson, Kenneth; and Whittle, Peter J., 4,560,697, Cl. 514-383.000.
  - Sarges, Reinhard, 4,495,187, Cl. 514-250.000.
  - Sarges, Reinhard, 4,547,501, Cl. 514-250.000.
  - Schnur, Rodney C., 4,562,267, Cl. 549-58.000.
  - Snarey, Michael; Swift, Peter J.; and Witty, Michael J., 4,562,197, Cl. 514-343.000.
  - Stephens, Charles R., Jr.; and Torres, Anibal, 4,536,396, Cl. 514-2.000.
  - Walinsky, Stanley W., 4,533,709, Cl. 526-318.000.
  - Walinsky, Stanley W., 4,547,559, Cl. 526-271.000.
  - Weeks, Paul D., 4,530,792, Cl. 260-245.20R.
  - Welch, Willard M., Jr., 4,510,308, Cl. 546-85.000.
  - Welch, Willard M., Jr.; Harbert, Charles A.; Koe, B. Kenneth; and Kraska, Allen R., 4,536,518, Cl. 514-647.000.
  - Welch, Willard M., Jr.; Harbert, Charles A.; Koe, B. Kenneth; and Kraska, Allen R., 4,556,676, Cl. 514-554.000.
  - Wirth, Emil J., Jr., 4,512,800, Cl. 75-53.000.
- Pflanz, Herbert M., to Phoenix Electric Corporation. Passively detonated explosively-assisted fuse. 4,538,133, 8-27-85, Cl. 337-4.000.
- Pflaum, August; and Mayer, Albert, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Multiple paper web guiding and combining apparatus for combination with rotary printing machine and folding device. 4,509,733, 4-9-85, Cl. 270-41.000.
- Pflederer, Fred R., to A. O. Smith Corporation. Loop bound orthotropic pressure vessel. 4,546,895, 10-15-85, Cl. 220-3.000.
- Pflederer, Fred R., to A. O. Smith Corporation. Fiber reinforced resin leaf spring. 4,556,204, 12-3-85, Cl. 267-148.000.
- Pfleger, Albert; and Klesel, Peter, to Bayerische Motoren Werke Aktiengesellschaft. Cooling arrangement for internal combustion engines with combined seawater-fresh water cooling. 4,553,585, 11-19-85, Cl. 165-41.000.
- Pfleiderer, Hans-Joerg; and Herbst, Heiner, to Siemens Aktiengesellschaft. Two-dimensional semiconductor image sensor with regulated integration time. 4,496,980, 1-29-85, Cl. 358-212.000.
- Pfleiderer, Hans-Joerg; and Grassl, Gerhard, to Siemens Aktiengesellschaft. Method and arrangement for an operational check of a programmable logic array. 4,517,672, 5-14-85, Cl. 371-27.000.
- Pfleiderer, Hans-Joerg; and Knauer, Karl, to Siemens Aktiengesellschaft. Transversal filter having parallel inputs. 4,539,537, 9-3-85, Cl. 333-165.000.
- Pflueger, Richard: *See—*
  - Reimann, Horst; Ziegler, Walter; Brandstetter, Franz; Theysohn, Rainer; and Pflueger, Richard, 4,554,320, Cl. 525-183.000.
- Pflugbeil, Wolf-Dietrich; and Kramer, Wolfgang, to Bayer Aktiengesellschaft. Preparation of 1-azolyl-3,3-dimethyl-1-phenoxybutan-2-ols. 4,510,314, 4-9-85, Cl. 548-262.000.
- Pfluger, Fernando: *See—*
  - Fauvarque, Jean-Francois; Jutand, Anny; Chevrot, Claude; Pfluger, Fernando; and Troupel, Michel, 4,517,061, Cl. 204-59.00R.
- Pfluger, Gerhard, to Robert Bosch GmbH. Vehicular-type alternator with speed-responsive fan coupling. 4,517,482, 5-14-85, Cl. 310-78.000.
- Pfluger, Gerhard, to Robert Bosch GmbH. Alternator with unitary brush-holder and bearing hub. 4,546,280, 10-8-85, Cl. 310-68.00D.
- Pfluger, Rudolf W., to Ciba-Geigy Corporation. Process for producing fluoroalkoxyaminopyrimidines. 4,542,216, 9-17-85, Cl. 544-320.000.
- Pflugner, Wolfgang: *See—*
  - Parzefall, Walter; Pflugner, Wolfgang; and Steinberger, Wolfgang, 4,544,212, Cl. 308-6.00R.
- Pfoertner, Karlheinz: *See—*
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- Pfortmiller, Donald D. Boot carrier. 4,537,436, 8-27-85, Cl. 294-150.000.
- Pforzheimer Uhren-Rohwerke PORTA GmbH & Co.: *See—*
  - Wehner, Hans-Joachim; and Burkhardt, Wolfgang, 4,561,042, Cl. 362-30.000.
- Pfost, Dale R., to Brown University. Laser tape systems. 4,523,319, 6-11-85, Cl. 372-54.000.
- Pfriender, John A. Animal house. 4,520,758, 6-4-85, Cl. 119-19.000.
- Pfuderer, Horst: *See—*
  - Bender, Rolf; Jacob, Werner; and Pfuderer, Horst, 4,524,671, Cl. 89-14.050.
- Pfundt, William N., to General Machine Products Company, Inc. Tool for mounting connectors to multi-conductor cords or wires. 4,557,034, 12-10-85, Cl. 29-566.400.
- Pfutzenreuter, Henry, III: *See—*
  - McHenry, Robert J.; Pfutzenreuter, Henry, III; Tung, Thomas T.; and Vella, John, Jr., 4,554,190, Cl. 428-35.000.
- Pfyffer, Peter: *See—*
  - Feusi, Markus; Huber, Josef; Oswald, Heinz; and Pfyffer, Peter, 4,524,918, Cl. 242-18.00A.
- Pfyl, Walter: *See—*
  - Hausler, Michael; Huber, Philippe; Pfyl, Walter; and Sadek, Kadry, 4,555,658, Cl. 323-210.000.
- Phaal, Cornelius. Tool component. 4,520,881, 6-4-85, Cl. 175-329.000.
- Phaal, Cornelius; Pipkin, Noel J.; and Burnand, Richard P. Abrasive product and method for manufacturing. 4,534,773, 8-13-85, Cl. 51-293.000.
- Phadnis, Shashikant P.: *See—*
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- Phalen, Thomas E., Jr., to Roofblok Limited. Roof construction. 4,506,483, 3-26-85, Cl. 52-408.000.
- Phalen, Thomas E., Jr.: *See—*
  - Burgoyne, John V.; and Phalen, Thomas E., Jr., 4,535,579, Cl. 52-408.000.
- Phalin, Thomas L.; and Ulmes, James J., to American Can Company. Tooling adjustment. 4,502,313, 3-5-85, Cl. 72-342.000.
- Pham, Ha Q.: *See—*
  - Wang, Chun S.; Pham, Ha Q.; and Bertram, James L., 4,499,255, Cl. 528-95.000.
- Pham Ngu, Tung, to Thomson-CSF. Bistable logic circuit using field effect transistors with a low voltage threshold and storage device incorporating such a circuit. 4,513,398, 4-23-85, Cl. 365-189.000.
- Pham van Cang, Luc, to Thomson-CSF. Test-signal generating device for testing electronic equipment. 4,538,268, 8-27-85, Cl. 371-20.000.
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- Pham Van, Doan, to Alsthom-Atlantique. Compressed gas circuit breaker. 4,514,605, 4-30-85, Cl. 200-148.00A.
- Phan, Albert: *See—*
  - Auberon, Marcel; Cabanel, Daniel; Dolbeau, Michel; Phan, Albert; Pillois, Philippe; Bournazel, Claude L.; and Huvey, Michel, 4,549,919, Cl. 156-172.000.
- Phan, Xuan T.; and Shannon, Paul J. Photochemical process for preparing alkoxy substituted compounds. 4,492,619, 1-8-85, Cl. 204-158.00R.
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- Phaneuf, Charles A., to United Technologies Corporation. Series switching regulator. 4,521,725, 6-4-85, Cl. 323-282.000.
- Phaneuf, John B., to AT&T Technologies, Inc. Methods of and apparatus for forming a projecting lead. 4,546,543, 10-15-85, Cl. 29-884.000.
- Phaneuf, John B.: *See—*
  - Morse, William C.; and Phaneuf, John B., 4,494,033, Cl. 310-352.000.
- Phantom Systems, Inc.: *See—*
  - Betton, Arnold L., 4,533,016, Cl. 180-287.000.
- Phares, Hershel L.: *See—*
  - Valimont, James L.; and Phares, Hershel L., 4,501,546, Cl. 425-388.000.

- Phares, James S.: *See—*
  - Hegg, Allan B.; and Phares, James S., 4,548,155, Cl. 114-362.000.
- Pharmacia AB: *See—*
  - Agback, Karl H.; and Nygren, Alf S., 4,528,367, Cl. 534-599.000.
  - Agback, Karl H.; Natvig, Tore; and Truelove, Sidney C., 4,559,330, Cl. 514-166.000.
  - Axen, Rolf E.; Kaj, Goran L.; and Rigner, Bror S., 4,535,010, Cl. 427-246.000.
  - Danielson, Carl O.; Gustafsson, Bo B.; Richardsson, Gote E.; and Lundh, Karl-Erik, 4,524,880, Cl. 220-288.000.
  - Harstrom, Karl U.; Nilsson, Bengt-Ake; and Wheeler, Richard J., 4,495,975, Cl. 141-157.000.
  - Rothman, Ulf S. E.; and Jacobsson, Sten A. L., 4,537,767, Cl. 424-78.000.
- PharmaControl Corporation: *See—*
  - Cosgrove, Robert J., Jr.; and Smolen, Victor F., 4,533,346, Cl. 604-66.000.
- Pharmasol Corporation, The: *See—*
  - Kalat, Edwin F., 4,511,069, Cl. 222-263.000.
- Pharmindev Limited: *See—*
  - Cosentino, Roberto F.; and Bonapace, Franco, 4,510,170, Cl. 427-33.000.
- Pharmindustrie: *See—*
  - Champseix, Alain A.; and Le Fur, Gerard R., 4,493,838, Cl. 424-258.000.
  - Champseix, Alain A.; Le Fur, Gerard R.; and Renault, Christian L. A., 4,505,916, Cl. 514-314.000.
- Pharmuka Laboratoires: *See—*
  - Audiau, Francois; Gueremy, Claude G. A.; and Le Fur, Gerard R., 4,535,080, Cl. 514-255.000.
  - Bondiou, Jean-Claude; Hodac, Francoise; and Legroux, Didier, 4,546,185, Cl. 546-133.000.
  - Dubroeucq, Marie-Christine; Renault, Christian; and Le Fur, Gerard, 4,499,094, Cl. 514-301.000.
- Pharos AB: *See—*
  - Karlsson, Lars, 4,508,422, Cl. 350-6.800.
  - Wickman, Kjell J.; and Wiklund, Klas R., 4,556,322, Cl. 356-375.000.
  - Wiklund, Klas R., 4,492,471, Cl. 356-375.000.
- Pharr, Roy E., to Fieldcrest Mills, Inc. Carpet loom. 4,526,209, 7-2-85, Cl. 139-46.000.
- Phase Change Technology, Inc.: *See—*
  - Wasserman, Kurt J., 4,495,723, Cl. 47-2.000.
- Phase One Products Corporation: *See—*
  - Taylor, Charles E.; Gattiker, Anton; and Krantz, Gary B., 4,515,468, Cl. 355-27.000.
  - Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; and Gattiker, Anton, 4,518,240, Cl. 354-312.000.
  - Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; Krantz, Gary B.; and Malinowski, Dean S., 4,529,296, Cl. 355-21.000.
- Phelan, James J., to AT&T Bell Laboratories. Method for processing essential lines in a communication system. 4,497,979, 2-5-85, Cl. 179-18.00D.
- Phelps, Andrew E.; and Ta-Ming Wu, Allen, to Burroughs Corporation. Shifter circuit. 4,512,018, 4-16-85, Cl. 370-112.000.
- Phelps, Andrew E., to Burroughs Corporation. Content addressable memory cell with shift capability. 4,532,606, 7-30-85, Cl. 365-49.000.
- Phelps, Andrew E.: *See—*
  - Levin, Burton L.; Phelps, Andrew E.; and Potash, Hanan, 4,538,241, Cl. 364-900.000.
- Phelps, Colin J.: *See—*
  - Carroll, Noel; and Phelps, Colin J., 4,510,405, Cl. 310-76.000.
- Phelps, Craig H.; and Sampath, Krishnaswamy, to Mobil Oil Corporation. Flow cell assembly. 4,531,404, 7-30-85, Cl. 73-38.000.
- Phelps, Daniel J.: *See—*
  - Lawrence, David J.; Abbas, Daniel C.; Phelps, Daniel J.; and Smith, Frank T. J., 4,495,514, Cl. 357-67.000.
- Phelps Dodge Magnet Wire Co.: *See—*
  - Hilker, G. Daniel; Lausen, Verne H.; Coon, Jessie H.; Bodette, James E.; Grimes, Jerry L.; Wright, Roger D.; Disque, Donny R.; and Bultemeier, Keith D., 4,521,173, Cl. 425-113.000.
- Phelps, Douglas W., Jr.: *See—*
  - Marks, Robert; Phelps, Douglas W., Jr.; Samuelsen, Sigvart J.; and Ward, William C., 4,551,912, Cl. 29-576.00S.
- Phelps, Frankie E.; Francis, Thomas L.; and LaCamera, Alfred F., to Aluminum Company of America. Process for producing beta'-silicon aluminum oxynitride (B'-SiAlON) using discrete particles. 4,499,193, 2-12-85, Cl. 501-98.000.
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  - Francis, Thomas L.; and Phelps, Frankie E., 4,517,037, Cl. 156-89.000.
- Phelps, Mary E.: *See—*
  - DeLuca, Hector F.; Schnoes, Heinrich K.; Lee, Seok H.; and Phelps, Mary E., 4,554,106, Cl. 260-397.200.
  - DeLuca, Hector F.; Schnoes, Heinrich K.; Lee, Seok H.; and Phelps, Mary E., 4,555,364, Cl. 260-397.200.
- Phelps, Paul E. Golf aid. 4,526,369, 7-2-85, Cl. 273-32.00B.
- Phelps, Peter M. Slotted splash bars for gas liquid contact apparatus. 4,515,735, 5-7-85, Cl. 261-111.000.
- Phelps, Richard W., to Black Clawson Company, The. Precision roll coater. 4,495,886, 1-29-85, Cl. 118-249.000.
- Phelps, W. Howard. Snowblower apparatus. 4,541,187, 9-17-85, Cl. 37-251.000.
- Phelps, Weldon L.; and Stahl, Alan L., to Caterpillar Tractor Co. Multiple threshold wheel slip control apparatus and method. 4,521,856, 6-4-85, Cl. 364-426.000.
- Phifer, Edward H.: *See—*
  - Hemphill, Dean P.; and Phifer, Edward H., 4,549,836, Cl. 405-61.000.
- Philamon, Inc.: *See—*
  - Grib, Boris F., 4,499,436, Cl. 331-116.00M.
- Philbrick, Herbert S., Jr.: *See—*
  - Finkl, Charles W.; Lehman, Albert L.; and Philbrick, Herbert S., Jr., 4,541,862, Cl. 75-12.000.
- Phildius, John: *See—*
  - deKok, Peter T.; and Phildius, John, 4,517,954, Cl. 125-15.000.
- Philen, Dan L.: *See—*
  - Gardner, William B.; Patel, Parbhubhai D.; Philen, Dan L.; and Santana, Manuel R., 4,555,175, Cl. 356-32.000.
- Philibert, Daniel; Teutsch, Jean G.; Costerousse, Germain; and Deraedt, Roger, to Roussel Uclaf. 3-keto-19-nor-$\Delta^{4,9}$-steroids. 4,540,686, 9-10-85, Cl. 514-179.000.
- Philibert, Daniel: *See—*
  - Teutsch, Jean G.; Costerousse, Germain; Philibert, Daniel; and Deraedt, Roger, 4,519,946, Cl. 260-239.55R.
  - Teutsch, Jean-Georges; Torelli, Vesperto; Deraedt, Roger; and Philibert, Daniel, 4,547,493, Cl. 514-179.000.
- Philibert, Pierre: *See—*
  - Ancel, Christian; and Philibert, Pierre, 4,549,594, Cl. 152-359.000.
- Philip A. Hunt Chemical Corporation: *See—*
  - Toukhy, Medhat A., 4,529,682, Cl. 430-190.000.
- Philip, Alexander S.: *See—*
  - Ansell, John W.; Maddern, Thomas S.; and Philip, Alexander S., 4,530,089, Cl. 370-58.000.
  - Maddern, Thomas S.; Ansell, John W.; and Philip, Alexander S., 4,535,442, Cl. 370-13.000.
- Philip Morris Incorporated: *See—*
  - Banyasz, Joseph L.; Owens, Cassandra D.; Mooz, Elizabeth D.; Lilly, A. Clifton, Jr.; Martin, Peter; Merritt, Henry B.; and Semp, Bernard A., 4,497,330, Cl. 131-291.000.
  - Bowling, James A.; and David, Wallace M., 4,498,390, Cl. 101-365.000.
  - Brinker, Reiner G., 4,499,361, Cl. 219-121.0LK.
  - Chan, W. Geoffrey, and Houminer, Yoram, 4,538,627, Cl. 131-276.000.
  - Chan, Woontung G., 4,547,568, Cl. 536-18.200.
  - Edwards, William B., III; and Houminer, Yoram, 4,561,451, Cl. 131-278.000.
  - Full, Donald A., 4,498,858, Cl. 425-466.000.
  - Grollimund, Everett C., 4,506,952, Cl. 350-255.000.
  - Grollimund, Everett C.; Smick, William H., III; and Brookman, Donald L., 4,517,825, Cl. 73-38.000.
  - Grollimund, Everett C., 4,519,680, Cl. 350-486.000.
  - Hausermann, Max, 4,527,573, Cl. 131-336.000
  - Houminer, Yoram; and Podraza, Kenneth F., 4,509,537, Cl. 131-276.000.
  - Irving, Christopher L.; and Osmalov, Jerome S., 4,535,789, Cl. 131-84.100.
  - Keritsis, Gus D., 4,506,684, Cl. 131-369.000.
  - Keritsis, Gus D.; and Nichols, Walter A., 4,510,950, Cl. 131-353.000.
  - Keritsis, Gus D., 4,532,945, Cl. 131-291.000.
  - King, Frank C., Jr., 4,532,946, Cl. 131-327.000.
  - Lephardt, John O., 4,553,556, Cl. 131-336.000.
  - Martin, Peter, 4,499,362, Cl. 219-121.0LA.
  - Newsome, Reginald W., 4,534,367, Cl. 131-75.000.
  - Nichols, Walter A.; Newsome, Reginald W.; and Geiszler, Willard A., Jr., 4,526,183, Cl. 131-336.000.
  - Nichols, Walter A.; and Newsome, Reginald W., 4,532,943, Cl. 131-336.000.
  - Osmalov, Jerome S., 4,522,214, Cl. 131-79.000.
  - Podraza, Kenneth F., 4,532,944, Cl. 131-277.000.
  - Podraza, Kenneth F., 4,538,628, Cl. 131-277.000.
  - Podraza, Kenneth F.; and Houminer, Yoram, 4,540,004, Cl. 131-277.000.
  - Rainer, Norman B.; and McClung, Charles S., 4,516,589, Cl. 131-331.000.
  - Smith, Robert N., 4,498,486, Cl. 131-300.000.
  - Teng, Daniel M., 4,516,590, Cl. 131-352.000.
  - Wheless, Jack C., 4,492,238, Cl. 131-94.000.
  - Wheless, Jack C., 4,535,790, Cl. 131-94.000.
  - Wiese, Lee, 4,498,714, Cl. 312-312.000.
  - Williams, David L.; Southwick, Everett W.; and Houminer, Yoram, 4,535,791, Cl. 131-278.000.
- Philipak, Stanley M.: *See—*
  - Hoyt, Harold C., Jr.; Martinez, Danilo C.; and Philipak, Stanley M., 4,523,077, Cl. 219-137.0PS.
- Philipp, Alexander, to C. Nicolai GmbH & Co. KG. Forefoot elevating device for peroneal nerve dysfunction cases. 4,559,934, 12-24-85, Cl. 128-80.00E.
- Philipp, Bernhard: *See—*
  - Feldkamper, Richard; Maneke, Siegfried; and Philipp, Bernhard, 4,542,894, Cl. 271-11.000.
- Philipp, Clemens: *See—*
  - Artz, Gerd; Figge, Dieter; Hoster, Thomas; and Philipp, Clemens, 4,502,526, Cl. 164-415.000.
  - Artz, Gerd; Figge, Dieter; and Philipp, Clemens, 4,510,990, Cl. 164-431.000.

Figge, Dieter; Siemer, Hans; Artz, Gerd; and Philipp, Clemens, 4,544,018, Cl. 164-481.000.

Philipp, Harald, to Tektronix, Inc. Optical fiber test instrument calibrator. 4,497,575, 2-5-85, Cl. 356-73.100.

Philipp, Heinrich; Lettner, Horst H.; and Hunke, Friedrich, to AUTOMATIK Apparate-Maschinenbau H. Hench GmbH. Apparatus for feeding of molten strands to a drainage trough. 4,530,649, 7-23-85, Cl. 425-71.000.

Philipp, Herbert R., to General Electric Company. Metal oxide varistor with controllable breakdown voltage and capacitance and method of making. 4,495,482, 1-22-85, Cl. 338-21.000.

Philipp Holzmann Aktiengesellschaft: *See—*

Baumann, Theodor; and Schreyegg, Otmar, 4,499,699, Cl. 52-169.100.

Philipp, Warren H.: *See—*

Hsu, Li-Chen; Philipp, Warren H.; Sheibley, Dean W.; and Gonzalez-Sanabria, Olga D., 4,505,998, Cl. 429-206.000.

Philipp, Wilfred. Gravure press. 4,508,032, 4-2-85, Cl. 101-163.000.

Philippe, Calin, to Regie Nationale des Usines Renault. Locking device, particularly for a spare wheel cradle. 4,537,431, 8-27-85, Cl. 292-216.000.

Philippi, Engelbert, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Multi-cornered reversible cutting-plate. 4,556,345, 12-3-85, Cl. 407-114.000.

Philips, D. Colin: *See—*

Yannopoulos, Lymperios N.; Straw, Robert D.; and Philips, D. Colin, 4,520,157, Cl. 524-462.000.

Philips, Franciscus M.; and de Jong, Koenraad A. Combination of a hoistdrum and hoistcable for a winch. 4,520,999, 6-4-85, Cl. 254-278.000.

Philips Industrial Components, Inc.: *See—*

Van Becelaere, Robert M.; and Bailey, William J., 4,559,867, Cl. 98-1.000.

Philips Kommunikations Industrie AG: *See—*

Hillerich, Bernd, 4,527,113, Cl. 324-52.000.

Philips Medical Systems: *See—*

Kanerva, Heikki, 4,553,255, Cl. 378-110.000.

Philipson, Joseph: *See—*

Hall, Charles P.; and Philipson, Joseph, 4,501,035, Cl. 5-451.000.

Hall, Charles P.; Philipson, Joseph; and Johenning, John B., 4,538,311, Cl. 5-451.000.

Phillip P. Rogers & Faye Rogers Living Trust: *See—*

Rogers, Phillip P., 4,551,146, Cl. 604-403.000.

Phillipp Holzmann Aktiengesellschaft: *See—*

Schafer, Hans; and Gaschler, Michael, 4,492,087, Cl. 62-45.000.

Phillippi, R. Michael, and Drzewiecki, Thadeusz M., to United States of America, Army. Fluidic set point pressure sensor. 4,534,383, 8-13-85, Cl. 137-840.000.

Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; Coomber, Barry A.; and Pateman, Anthony J., to Glaxo Group Limited. 11α-amino-androstanes. 4,497,805, 2-5-85, Cl. 514-172.000.

Phillipps, Gordon H.; Humber, David C.; Ewan, George B.; and Coomber, Barry A., to Glaxo Group Limited. 11α-amino-androstanes. 4,515,786, 5-7-85, Cl. 514-182.000.

Phillipps, Patrick G.; and Schenkel, Jeffrey, to American Home Products Corporation (Del.). Systems and methods for processing physiological signals. 4,537,196, 8-27-85, Cl. 128-630.000.

Phillipps, Patrick G.: *See—*

LaWhite, Eric L.; and Phillipps, Patrick G., 4,491,970, Cl. 455-100.000.

Phillips, Ann L.: *See—*

Phillips, Roger W.; and Phillips, Ann L., 4,524,953, Cl. 256-23.000.

Phillips, Barry A.: *See—*

Tideswell, Richard B.; Nodelman, Neil H.; and Phillips, Barry A., 4,544,679, Cl. 521-116.000.

Phillips, Bobby M., to Eastman Kodak Company. Continuous filament slub yarn. 4,495,244, 1-22-85, Cl. 428-399.000.

Phillips, Bobby M., to Eastman Kodak Company. Hot shoe apparatus for preheating drafting, and stabilizing in sequence a running yarn strand. 4,497,627, 2-5-85, Cl. 432-59.000.

Phillips, Bobby M., to Eastman Kodak Company. Textile yarns with loops and free protruding ends. 4,519,200, 5-28-85, Cl. 57-246.000.

Phillips, Bobby M., to Eastman Kodak Company. Low friction drafting system for yarns. 4,543,697, 10-1-85, Cl. 28-246.000.

Phillips, Bradford E., to 'totes' incorporated. Umbrella with advertising flag. 4,542,757, 9-24-85, Cl. 135-16.000.

Phillips, Brian: *See—*

Phillips, F. Joseph; Phillips, Paul E.; Phillips, Peter J.; and Phillips, Brian, 4,501,082, Cl. 42-94.000.

Phillips, Brian K.: *See—*

Lumsden, Norman; and Phillips, Brian K., 4,525,001, Cl. 285-328.000.

Lumsden, Norman; and Phillips, Brian K., 4,561,683, Cl. 285-381.000.

Phillips, Brian T.: *See—*

Hartman, George D.; and Phillips, Brian T., 4,532,237, Cl. 514-226.000.

Phillips, Bryan D. Aircraft capable of vertical short takeoff and landing. 4,492,353, 1-8-85, Cl. 244-12.400.

Phillips, Chandler A.: *See—*

Petrofsky, Jerrold S.; Glaser, Roger M.; Phillips, Chandler A.; and Petrofsky, Steven H., 4,492,233, Cl. 128-421.000.

Petrofsky, Jerrold S.; Phillips, Chandler A.; Glaser, Roger M.; and Heaton, Harry H., III, 4,499,900, Cl. 128-423.00W.

Phillips, Dale R.: *See—*

Loy, Robert E.; Phillips, Dale R.; and Willis, Paul E., 4,515,234, Cl. 180-89.120.

Phillips, David A. Hinged vehicle gate arm. 4,531,325, 7-30-85, Cl. 49-49.000.

Phillips, David M.: *See—*

Penny, Michael F.; Woodcock, Brian; Abbot, Ralph H.; Phillips, David M.; and Spaans, Leendert B., 4,518,254, Cl. 356-5.000.

Phillips, Donald E., to Rockwell International Corporation. Wide range phase detector utilizing a plurality of stacked detector modules. 4,500,852, 2-19-85, Cl. 331-12.000.

Phillips, Donald W. Shoe apparatus and method. 4,550,462, 11-5-85, Cl. 12-17.00R.

Phillips, Dorothy J., to Dow Chemical Company, The. Method for improving lactation in ruminant animals. 4,534,969, 8-13-85, Cl. 424-118.000.

Phillips, Dorothy J., to Dow Chemical Company, The. 3-trichloromethyl-5-substituted-1,2,4-thiadiazoles as ruminant animal growth promoters. 4,543,357, 9-24-85, Cl. 514-361.000.

Phillips, Edward: *See—*

Lam, Leo K.; and Phillips, Edward, 4,525,672, Cl. 324-304.000.

Phillips, Edward H., to Optimetrix Corporation. Gas bearing. 4,496,194, 1-29-85, Cl. 308-5.00R.

Phillips, Edward H., to Amfit Incorporated. System and method for forming custom-made shoe inserts. 4,510,636, 4-16-85, Cl. 12-1.00R.

Phillips, Edward H., to Hidden Valley Associates, Inc. Flexible shaft coupling device. 4,516,958, 5-14-85, Cl. 464-153.000.

Phillips, Edward H., to Optimetrix Corporation. Optical focusing system. 4,540,278, 9-10-85, Cl. 355-55.000.

Phillips, Edward H., to Hidden Valley Associates, Inc. Apparatus for pumping subterranean fluids. 4,553,590, 11-19-85, Cl. 166-53.000.

Phillips, Edwin D. Separatory funnel and valve device. 4,509,566, 4-9-85, Cl. 141-94.000.

Phillips, Edwin D. Non-stick glass stopcock. 4,512,364, 4-23-85, Cl. 137-375.000.

Phillips, Edwin D. Non-stick stopper with easy removal structure. 4,550,846, 11-5-85, Cl. 215-296.000.

Phillips, Edwin R.: *See—*

Chen, Tsu F.; and Phillips, Edwin R., 4,507,834, Cl. 29-26.00R.

Kanamuller, Franz X.; and Phillips, Edwin R., 4,493,993, Cl. 250-222.100.

Phillips, F. Joseph; Phillips, Paul E.; Phillips, Peter J.; and Phillips, Brian. Portable bench rest. 4,501,082, 2-26-85, Cl. 42-94.000.

Phillips, Gary M.; and Benjamin, Albert S., to Medtronic, Inc. Filling system for hermetically sealed batteries. 4,542,080, 9-17-85, Cl. 429-174.000.

Phillips, Glen R.: *See—*

Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.

Phillips, Glendale: *See—*

Phillips, Vanice C.; and Phillips, Glendale, 4,502,685, Cl. 273-29.00A.

Phillips, Howard L. Split engine clutch. 4,555,003, 11-26-85, Cl. 192-53.00B.

Phillips, Ian R.; Reynolds, Mervyn F.; and Lodge, Robert H., to N.J. Phillips Pty. Limited. Injector. 4,530,695, 7-23-85, Cl. 604-184.000.

Phillips, James D., to J. D. Phillips Corporation. Adjustable cam bar assembly. 4,522,189, 6-11-85, Cl. 125-11.0TP.

Phillips, James D.; and Sheets, Robert L., to J. D. Phillips Corporation. Milling machine. 4,551,048, 11-5-85, Cl. 409-197.000.

Phillips, James F.; and Cassellius, Jerome J. Corn unit for combine. 4,548,213, 10-22-85, Cl. 130-24.000.

Phillips, James P., to Motorola, Inc. Microwave receiver front end design. 4,516,270, 5-7-85, Cl. 455-302.000.

Phillips, James W.; and Kobos, Duane M., to Dwyer Instruments, Inc. Multipurpose flowmeter arrangement. 4,559,834, 12-24-85, Cl. 73-861.550.

Phillips, Jesse C., to Texas Instruments Incorporated. Timer with fast counter interrupt. 4,503,548, 3-5-85, Cl. 377-39.000.

Phillips, Jim D., to Economy Forms Corporation. Wall climbing form hoist. 4,530,648, 7-23-85, Cl. 425-65.000.

Phillips, Joel P., Jr. Outboard motor mounting device and combinations therewith. 4,548,586, 10-22-85, Cl. 440-6.000.

Phillips, John H.: *See—*

Lockwood, George S.; and Phillips, John H., 4,532,883, Cl. 119-4.000.

Phillips, John P., to Dubilier PLC. Fuses, particularly subminiature cartridge fuses, and a method of manufacture thereof. 4,532,489, 7-30-85, Cl. 337-228.000.

Phillips, John R.; Halbig, James K.; Menlove, Howard O.; and Klosterbuer, Shirley F., to United States of America, Energy. Apparatus for in situ determination of burnup, cooling time and fissile content of an irradiated nuclear fuel assembly in a fuel storage pond. 4,510,117, 4-9-85, Cl. 376-257.000.

Phillips, John T., to GHD-Dwyer (WA) Pty. Ltd. Disposal of fine tailings. 4,541,752, 9-17-85, Cl. 405-129.000.

Phillips, Jonathan W., Jr. Ejector and cartridge positioner for revolvers. 4,543,741, 10-1-85, Cl. 42-68.000.

Phillips, Joseph R.: *See—*

Sherman, Michael I.; and Phillips, Joseph R., 4,547,264, Cl. 162-37.000.

Phillips, Kenneth G., to Nalco Chemical Company. Acrylamide synthesis from an oil-in-water emulsion containing acrylonitrile. 4,521,620, 6-4-85, Cl. 564-128.000.
Phillips, Kenneth G.: *See*—
  Tai, Wun T.; and Phillips, Kenneth G., 4,497,927, Cl. 524-475.000.
Phillips, Kevin J.; and Tracy, Terry G., to RCA Corporation. Control of nutation in a spacecraft. 4,504,032, 3-12-85, Cl. 244-170.000.
Phillips, Larry J.: *See*—
  Stinson, Walter J.; and Phillips, Larry J., 4,518,146, Cl. 251-28.000.
Phillips, Leslie N.: *See*—
  Murphy, Davis J.; and Phillips, Leslie N., 4,492,732, Cl. 428-404.000.
Phillips, Lot; Austin, Hollis B.; and Blakeslee, Kenneth S., to Northern Telecom Limited. Loop test circuit. 4,513,179, 4-23-85, Cl. 179-175.30R.
Phillips Manufacturing Company, The: *See*—
  Palson, Richard C. J., 4,501,068, Cl. 30-138.000.
Phillips, Michael J., to Boeing Company, The. Knife block guide. 4,515,051, 5-7-85, Cl. 83-146.000.
Phillips Mine & Mill, Inc.: *See*—
  Thompson, John P., 4,512,706, Cl. 414-373.000.
Phillips, Norman D., to Fuller Company. Sonic horn failure detection system. 4,529,422, 7-16-85, Cl. 55-270.000.
Phillips, Parker V.; Lakdawala, Ness; and Lecompte, Michel, to Hussmann Store Equipment Limited. Non-flooding remote air cooled condensers. 4,498,308, 2-12-85, Cl. 62-184.000.
Phillips, Parker V.; Lakdawala, Ness; and Lecompte, Michel, to Hussmann Corporation. Supermarket environmental control system. 4,519,217, 5-28-85, Cl. 62-256.000.
Phillips, Paul E., to McGraw-Edison Company. Rotary floor maintenance device. 4,542,551, 9-24-85, Cl. 15-49.00R.
Phillips, Paul E.: *See*—
  Phillips, F. Joseph; Phillips, Paul E.; Phillips, Peter J.; and Phillips, Brian, 4,501,082, Cl. 42-94.000.
Phillips, Peter J.: *See*—
  Phillips, F. Joseph; Phillips, Paul E.; Phillips, Peter J.; and Phillips, Brian, 4,501,082, Cl. 42-94.000.
Phillips Petroleum Company: *See*—
  Agapiou, Agapios; Allan, John L. H.; and Jacobson, Felix I., 4,555,496, Cl. 502-105.000.
  Aldag, Arthur W., 4,524,144, Cl. 502-342.000.
  Aldag, Arthur W., Jr.; and Gardner, Lloyd E., 4,522,709, Cl. 208-216.00R.
  Arnim, Robert C., II; and Bourne, Gregory D., 4,510,985, Cl. 175-7.000.
  Bailey, Fay W., 4,499,227, Cl. 524-399.000.
  Bailey, Fay W.; and Whitte, William M., 4,547,551, Cl. 525-240.000.
  Baldwin, Bernard A.; and Mark, Harold W., 4,559,153, Cl. 252-48.600.
  Banasiak, Dennis S.; and Byers, Jim D., 4,540,826, Cl. 568-420.000.
  Banasiak, Dennis S., 4,560,792, Cl. 560-261.000.
  Banks, Robert L., 4,508,850, Cl. 502-351.000.
  Beardmore, David H., 4,500,281, Cl. 431-3.000.
  Beardmore, David H., 4,504,211, Cl. 431-3.000.
  Beever, William H.; Shue, Robert S.; and Childers, Clifford W., 4,514,588, Cl. 174-52.0PE.
  Bertus, Brent J.; and McKay, Dwight L., 4,562,167, Cl. 502-100.000.
  Billings, William G., 4,496,370, Cl. 48-197.00R.
  Blackwell, Jennings P., 4,528,310, Cl. 524-86.000.
  Bobsein, Rex L.; and Johnson, Marvin M., 4,560,817, Cl. 585-273.000.
  Boston, Ernest B., 4,495,064, Cl. 208-120.000.
  Boston, Ernest B., 4,507,398, Cl. 502-62.000.
  Boultinghouse, Harold D., 4,492,784, Cl. 524-473.000.
  Boultinghouse, Harold D.; Boeke, Paul J.; Benefield, Robert E., Jr.; and Leland, John, 4,532,015, Cl. 204-38.400.
  Boultinghouse, Harold D., 4,540,631, Cl. 428-419.000.
  Brand, Michael J.; and Callejas, Ricardo J., 4,545,895, Cl. 208-351.000.
  Bresson, Clarence R., 4,511,465, Cl. 209-166.000.
  Bresson, Clarence R.; and Mark, Harold W., 4,514,293, Cl. 209-167.000.
  Bresson, Clarence R.; and Kimble, Kenneth B., 4,518,492, Cl. 209-166.000.
  Bresson, Clarence R.; Robles, Benjamin R.; and Parlman, Robert M., 4,533,466, Cl. 209-167.000.
  Bresson, Clarence R.; and Parlman, Robert M., 4,556,500, Cl. 252-61.000.
  Bresson, Clarence R.; Parlman, Robert M.; and Kimble, James B., 4,561,984, Cl. 252-61.000.
  Bruning, Donald D., 4,498,539, Cl. 166-294.000.
  Burns, Lyle D., 4,501,596, Cl. 44-63.000.
  Carlisle, Thomas A.; Smith, Phillip R.; and Thorn, Frank H., deceased, 4,504,286, Cl. 55-20.000.
  Carrow, Guy E., 4,504,086, Cl. 285-156.000.
  Carter, Cecil O., 4,538,018, Cl. 585-512.000.
  Casperson, John R.; and Hann, Paul D., 4,520,000, Cl. 423-456.000.
  Cawi, Vernon A.; and Stengle, Barry J., 4,556,480, Cl. 208-211.000.
  Chen, Hsiu K.; and Thomas, Charles P., 4,495,995, Cl. 166-273.000.
  Cheng, Paul J., 4,501,720, Cl. 422-156.000.
  Cheng, Paul J., 4,503,027, Cl. 423-450.000.
  Cheng, Paul J., 4,524,725, Cl. 122-7.00R.
  Cheng, Paul J., 4,550,013, Cl. 422-151.000.
  Cheng, Paul J., 4,554,149, Cl. 423-450.000.
  Clampitt, Richard L.; and Russell, Jeffrey A., 4,514,308, Cl. 252-8.50C.
  Clark, Earl, Jr.; and Irvin, Howard B., 4,548,982, Cl. 524-556.000.
  Cleary, James W., 4,501,902, Cl. 548-555.000.
  Cobb, R. Lynn, 4,556,750, Cl. 585-446.000.
  Cobb, Raymond L., 4,510,337, Cl. 568-734.000.
  Cobb, Raymond L., 4,551,573, Cl. 585-459.000.
  Coombs, Daniel M.; and Latimer, Edward G., 4,548,711, Cl. 208-309.000.
  Cowan, Kiplin D., 4,544,767, Cl. 560-263.000.
  Crandall, John A., 4,517,461, Cl. 250-282.000.
  Dahlgren, Robert W.; and Dennis, William H., 4,553,985, Cl. 55-67.000.
  DiBiano, Robert J.; Autenrieth, Kim A.; and Hales, Gary W., 4,505,668, Cl. 431-202.000.
  Drake, Charles A.; and Turk, Stanley D., 4,495,344, Cl. 528-340.000.
  Drake, Charles A., 4,532,360, Cl. 568-357.000.
  Drake, Charles A., 4,544,790, Cl. 585-516.000.
  Drake, Charles A., 4,550,097, Cl. 502-170.000.
  Drake, Charles A., 4,559,111, Cl. 203-57.000.
  DuBroff, Richard E., 4,500,976, Cl. 367-48.000.
  Eastman, Alan D.; Guillory, Jack P.; Cook, Charles F.; and Kimble, James B., 4,497,971, Cl. 585-658.000.
  Efner, Howard F.; and Schiff, Sidney, 4,504,280, Cl. 44-63.000.
  Elliott, Richard E.; and King, William R., 4,521,590, Cl. 528-502.000.
  Ferguson, Robert G., 4,529,413, Cl. 55-32.000.
  Fodor, Lawrence M.; and Knudsen, Ronald D., 4,491,677, Cl. 568-751.000.
  Fontenot, Delouis J., 4,531,549, Cl. 137-864.000.
  Ford, Thomas J., 4,547,934, Cl. 19-0.560.
  Funk, Gary L., 4,530,738, Cl. 203-2.000.
  Funk, Gary L.; and Bland, Terry E., 4,545,971, Cl. 423-359.000.
  Gaines, Larry D; and Likins, Merle R., Jr., 4,559,785, Cl. 60-676.000.
  Garcia, Rodrigo A.; and Martinovich, Robert J., 4,525,516, Cl. 524-380.000.
  Geibel, Jon F.; Cliffton, Michael D.; and Murtha, Timothy P., 4,544,735, Cl. 528-374.000.
  Geissler, Bernhard H., 4,553,588, Cl. 165-162.000.
  Gentry, Cecil C., 4,506,728, Cl. 165-96.000.
  Goins, Robert R., 4,518,260, Cl. 366-134.000.
  Goins, Robert R., 4,553,849, Cl. 366-134.000.
  Graves, Charles W., 4,561,696, Cl. 299-4.000.
  Gray, Roy A.; and Macdonell, Gary D., 4,542,241, Cl. 568-62.000.
  Gunnell, Thomas J., 4,530,305, Cl. 118-418.000.
  Habiger, Robert M., 4,548,071, Cl. 73-152.000.
  Halliday, Mary M.; and Jackson, Glen R., 4,544,452, Cl. 203-1.000.
  Hampton, Joe B., 4,540,422, Cl. 62-21.000.
  Harris, Jesse R., 4,536,196, Cl. 55-16.000.
  Hawley, Gil R., 4,492,768, Cl. 502-111.000.
  Hawley, Gil R., 4,532,312, Cl. 526-119.000.
  Hawley, Gil R., 4,537,870, Cl. 502-111.000.
  Hawley, Gil R., 4,544,716, Cl. 526-119.000.
  Hays, George E.; Nielsen, Richard H.; Bowen, Chester O.; and Holland, Floyd H., 4,562,046, Cl. 422-140.000.
  Henderson, E. Webb; and Gravley, Mark L., 4,540,560, Cl. 423-445.000.
  Hill, H. Wayne, Jr.; and Reed, Jerry O., 4,522,867, Cl. 428-220.000.
  Hitzman, Donald O., 4,515,700, Cl. 252-8.55R.
  Hitzman, Donald O., 4,518,489, Cl. 208-223.000.
  Hitzman, Donald O., 4,519,984, Cl. 422-196.000.
  Hitzman, Donald O., 4,540,052, Cl. 166-303.000.
  Hitzman, Donald O.; and Hopkins, Thomas R., 4,556,635, Cl. 435-25.000.
  Hobbs, James W.; and Halliday, Mary M., 4,526,657, Cl. 203-3.000.
  Hobbs, James W., 4,529,485, Cl. 203-2.000.
  Hobbs, James W., 4,536,606, Cl. 585-650.000.
  Hofferber, James A., 4,533,517, Cl. 422-62.000.
  Hogan, John P.; and Rease, Charles R., 4,493,715, Cl. 55-68.000.
  Hogan, John P.; Hsieh, Eric T.; and Randall, James C., 4,522,987, Cl. 526-106.000.
  Hopkins, Thomas R., 4,540,668, Cl. 435-190.000.
  Hopkins, Thomas R., 4,559,307, Cl. 435-272.000.
  Horton, Robert L.; and Stahl, G. Allan, 4,511,677, Cl. 521-28.000.
  Hutson, Thomas, Jr., 4,500,490, Cl. 422-62.000.
  Hutson, Thomas, Jr., 4,528,411, Cl. 585-329.000.
  Hutson, Tom, Jr.; and Hann, Paul D., 4,544,777, Cl. 568-697.000.
  Jack, Douglas S.; and Garner, James W., 4,541,938, Cl. 252-33.000.
  Jack, Douglas S., 4,541,939, Cl. 252-33.000.
  Jack, Douglas S.; and Sarrett, Homer J., Jr., deceased, 4,557,840, Cl. 252-33.200.
  Jain, Gyan P., 4,555,309, Cl. 203-1.000.
  Jain, Gyan P., 4,558,423, Cl. 364-501.000.
  Jain, Gyan P., 4,560,442, Cl. 203-2.000.
  Jensen, Bruce A., 4,498,916, Cl. 62-21.000.
  Johnson, Marvin M.; and McDaniel, Max P., 4,537,928, Cl. 524-417.000.
  Johnson, Marvin M.; and Nowack, Gerhard P., 4,543,436, Cl. 585-466.000.
  Johnson, Marvin M.; and McDaniel, Max P., 4,547,479, Cl. 502-155.000.
  Johnson, Marvin M., 4,558,138, Cl. 549-87.000.
  Johnson, Marvin M.; and Nowack, Gerhard P., 4,558,165, Cl. 568-698.000.

Johnson, Timothy W.; and Stone, Mark L., 4,527,219, Cl. 361-323.000.
Johnson, Timothy W.; and Mueller, Francis X., Jr., 4,529,769, Cl. 524-425.000.
Johnson, Timothy W.; and Banasiak, Dennis S., 4,535,116, Cl. 524-385.000.
Johnson, Timothy W.; and Stone, Mark L., 4,540,620, Cl. 428-195.000.
Kertok, Mark E., 4,502,858, Cl. 425-204.000.
Kimble, Kenneth B.; and Bresson, Clarence R., 4,528,141, Cl. 260-455.00B.
Kimble, Kenneth B.; Bresson, Clarence R.; and Mark, Harold W., 4,533,467, Cl. 209-167.000.
Kimble, Kenneth B.; Mark, Harold W.; and Bresson, Clarence R., 4,554,068, Cl. 209-167.000.
Kimble, Kenneth B.; Mark, Harold W.; and Bresson, Clarence R., 4,554,108, Cl. 260-455.00A.
Kimble, Kenneth B.; and Bresson, Clarence R., 4,561,971, Cl. 209-166.000.
King, William R., 4,547,976, Cl. 34-10.000.
Knudsen, Ronald D.; and Reiter, Stephen E., 4,518,814, Cl. 585-523.000.
Knudsen, Ronald D., 4,528,415, Cl. 585-527.000.
Kukes, Semyon G., 4,529,503, Cl. 208-251.00R.
Kukes, Simon G., 4,492,626, Cl. 208-251.00H.
Kukes, Simon G.; and Banks, Robert L., 4,499,328, Cl. 585-646.000.
Kukes, Simon G.; and Banks, Robert L., 4,504,694, Cl. 585-643.000.
Kukes, Simon G.; and Banks, Robert L., 4,513,099, Cl. 502-228.000.
Kukes, Simon G.; and Banks, Robert L., 4,517,401, Cl. 585-645.000.
Kukes, Simon G.; and Battiste, David R., 4,522,702, Cl. 208-89.000.
Kukes, Simon G.; and Banks, Robert L., 4,522,936, Cl. 502-249.000.
Kukes, Simon G.; and Shioyama, Tod K., 4,532,362, Cl. 568-401.000.
Kukes, Simon G.; and Banks, Robert L., 4,539,308, Cl. 502-243.000.
Kukes, Simon G.; and Nowack, Gerhard P., 4,551,230, Cl. 208-89.000.
Kukes, Simon G.; and Kimble, James B., 4,555,499, Cl. 502-208.000.
Kukes, Simon G., 4,555,500, Cl. 502-334.000.
Kukes, Simon G.; Hogan, Robert J.; and Coombs, Daniel M., 4,557,823, Cl. 208-216.00R.
Kukes, Simon G.; and Hawley, Gil R., 4,557,824, Cl. 208-251.00H.
Kukes, Simon G.; and Johnson, Marvin M., 4,560,466, Cl. 208-89.000.
Kukes, Simon G.; Hogan, Robert J.; Coombs, Daniel M.; Davis, Thomas; and Efner, Howard F., 4,560,468, Cl. 208-110.000.
LaFoy, Carl J., 4,562,300, Cl. 585-854.000.
Larson, Harold A.; Boehme, Manfred F.; and Sheets, Jeffrey W., 4,522,793, Cl. 423-230.000.
LaSpisa, Ronald J.; and Likins, Merle R., Jr., 4,497,283, Cl. 122-451.100.
LaSpisa, Ronald J.; Likins, Merle R., Jr.; and King, William R., 4,498,428, Cl. 122-448.00R.
LaSpisa, Ronald J., 4,557,686, Cl. 431-5.000.
Layton, James E., 4,532,434, Cl. 307-261.000.
Layton, James E., 4,550,263, Cl. 307-261.000.
Lee, Clifford C., 4,562,168, Cl. 502-107.000.
Lee, Fu-Ming; and Pahl, Robert H., 4,559,109, Cl. 203-19.000.
Leland, John E., 4,504,551, Cl. 428-419.000.
Lin, Fan-Nan; and Pennella, Filippo, 4,537,909, Cl. 518-713.000.
Lin, Fan-Nan; and Pennella, Filippo, 4,551,444, Cl. 502-313.000.
Lindstrom, Merlin R.; Henshaw, Leslie J.; Mark, Harold W.; and Clark, James B., 4,495,200, Cl. 424-286.000.
Lindstrom, Merlin R., 4,544,466, Cl. 204-159.110.
Lindstrom, Merlin R., 4,549,945, Cl. 204-159.110.
Macdonell, Gary D.; Lindstrom, Merlin R.; Baldwin, Bernard A.; Louthan, Rector P.; and Schuettenberg, Alexander D., 4,537,690, Cl. 252-48.400.
Mann, David P.; Kukes, Simon G.; and Coombs, Daniel M., 4,518,484, Cl. 208-87.000.
Mark, Harold W.; Bertus, Brent J.; Roberts, John S.; McKay, Dwight L.; and Fenska, Lyle E., 4,535,066, Cl. 502-62.000.
Marrelli, Ronald E., 4,555,310, Cl. 203-10.000.
Martin, Joel L., 4,514,514, Cl. 502-121.000.
Martin, Joel L., 4,524,195, Cl. 526-114.000.
Martin, Joel L., 4,549,001, Cl. 526-125.000.
Martin, Joel L., 4,559,317, Cl. 502-104.000.
Martin nee Sturdy, Shirley J.; and McDaniel, Max P., 4,560,733, Cl. 526-129.000.
Martinovich, Robert J.; Mathis, Ronald D.; and Shiflet, Roger T., 4,548,971, Cl. 524-101.000.
Masino, Albert P.; Cowan, Kiplin D.; and Hawley, Gil R., 4,503,159, Cl. 502-111.000.
Mathis, Ronald D.; Reed, Jerry O.; and Hagler, Gerald E., 4,500,706, Cl. 528-502.000.
Mathis, Ronald D.; and Reed, Jerry O., 4,535,117, Cl. 524-397.000.
Matthews, William E., 4,504,397, Cl. 210-804.000.
McDaniel, Max P., 4,499,199, Cl. 502-104.000.
McDaniel, Max P.; and Stricklen, Phil M., 4,503,201, Cl. 526-106.000.
McDaniel, Max P.; and Johnson, Marvin M., 4,504,638, Cl. 526-134.000.
McDaniel, Max P.; Johnson, Marvin M.; Hawley, Gil R.; Westerman, John; and Smith, Paul D., 4,535,070, Cl. 502-208.000.
McDaniel, Max P., 4,537,869, Cl. 502-107.000.
McDaniel, Max P., 4,540,757, Cl. 526-128.000.
McDaniel, Max P., 4,547,557, Cl. 526-106.000.
McDaniel, Max P., 4,552,937, Cl. 526-125.000.
McDaniel, Max P., 4,559,394, Cl. 526-106.000.
Messura, Kathleen A.; and Ayres, Charles A., 4,499,263, Cl. 528-483.000.
Mills, Kenneth R., 4,504,615, Cl. 524-291.000.
Montgomery, Dean P., 4,508,617, Cl. 208-134.000.
Mozdzen, Edward C., 4,503,273, Cl. 568-816.000.
Mozer, Larry P.; and Morgan, Bill T., 4,496,301, Cl. 425-532.000.
Murray, Lawrence K., 4,542,007, Cl. 423-450.000.
Murtha, Timothy P.; and Shioyama, Tod K., 4,507,507, Cl. 568-401.000.
Murtha, Timothy P., 4,520,129, Cl. 502-222.000.
Nabors, Lester G., 4,547,536, Cl. 523-514.000.
Needham, Donald G., 4,501,843, Cl. 524-445.000.
Needham, Donald G.; and Leland, John E., 4,560,580, Cl. 427-53.100.
Nesheiwat, Afif M.; and Sherk, Fred T., 4,529,818, Cl. 562-553.000.
Newman, John E., 4,533,808, Cl. 219-10.49A.
Nikkel, Ronnie D.; and L'Esperance, Paul M., 4,523,575, Cl. 126-418.000.
Nollkamper, Milton H., 4,501,657, Cl. 208-350.000.
Norton, Jerry J., 4,543,541, Cl. 332-16.00R.
Nowack, Gerhard P.; Johnson, Marvin M.; and Tabler, Donald C., 4,503,249, Cl. 564-385.000.
O'Brien, John T., 4,534,020, Cl. 367-188.000.
O'Brien, John T., 4,561,300, Cl. 73-154.000.
O'Hara, Stephen G., 4,560,232, Cl. 339-268.00R.
Parker, Ray A., Jr., 4,499,037, Cl. 264-37.000.
Parlman, Robert M.; and Kimble, James B., 4,504,384, Cl. 209-166.000.
Parlman, Robert M.; Bresson, Clarence R.; and Young, Tommy L., 4,510,050, Cl. 209-167.000.
Parlman, Robert M.; and Bresson, Clarence R., 4,534,857, Cl. 209-166.000.
Peters, Donald L.; Rathman, John R.; and Sumpter, Irvin L., 4,510,116, Cl. 264-529.000.
Pierce, Phyllis J., 4,551,431, Cl. 435-176.000.
Porter, Randall A.; and Reed, Larry E., 4,518,575, Cl. 423-447.300.
Porter, Randall A.; and Reed, Larry E., 4,545,893, Cl. 208-48.00R.
Porter, Randall A.; and Reed, Larry E., 4,551,227, Cl. 208-48.0AA.
Porter, Randall A.; and Reed, Larry E., 4,552,643, Cl. 208-48.0AA.
Railsback, Henry E., 4,545,927, Cl. 252-511.000.
Reed, Jerry O.; and Mathis, Ronald D., 4,543,224, Cl. 264-211.000.
Reusser, Robert E.; Murtha, Timothy P.; and Todd, Elizabeth A., 4,491,563, Cl. 422-5.000.
Reusser, Robert E.; Kenton, Joseph R.; and Todd, Elizabeth A., 4,520,222, Cl. 585-526.000.
Reusser, Robert E., 4,542,249, Cl. 585-329.000.
Reusser, Robert E., 4,559,320, Cl. 502-251.000.
Roberts, John S., 4,537,994, Cl. 568-59.000.
Rohlfing, Raymond G.; and Martin, Laura A., 4,501,286, Cl 137-15.000.
Rooney, Patrick, 4,554,055, Cl. 203-89.000.
Rowe, Fred, 4,495,028, Cl. 159-47.100.
Rush, Elton E., 4,502,012, Cl. 324-452.000.
Rush, Elton E., 4,550,621, Cl. 74-2.000.
Ryan, Lawrence A., 4,529,484, Cl. 203-2.000.
Sadhukhan, Pasupati, 4,551,223, Cl. 208-8.00R.
Schirmer, Robert M.; and Fromm, Ellsworth H., 4,498,287, Cl. 60-39.020.
Schuettenberg, Alexander D., 4,505,725, Cl. 44-66.000.
Schuettenberg, Alexander D.; and Gragson, James T., 4,515,740, Cl. 264-50.000.
Scinta, James; and Classen, Theodore M., 4,521,293, Cl. 208-11.0LE.
Seefluth, Charles L., 4,526,684, Cl. 210-104.000.
Selby, Larry M.; and Beever, William H., 4,528,335, Cl. 525-420.000.
Shaw, James E.; and Stapp, Paul R., 4,494,604, Cl. 166-273.000.
Shaw, James E., 4,508,171, Cl. 166-273.000.
Shaw, James E., 4,553,593, Cl. 166-270.000.
Shaw, James E., 4,556,495, Cl. 252-8.55D.
Shaw, James E.; and Pardue, Jerry E., 4,561,501, Cl. 166-273.000.
Shay, Lucas K., 4,536,407, Cl. 426-250.000.
Shell, Francis J., 4,502,969, Cl. 252-8.55R.
Shell, Francis J., 4,559,149, Cl. 252-8.55R.
Sherk, Fred T.; and Inkrott, Janet L., 4,501,885, Cl. 528-501.000.
Sherk, Fred T.; Nesheiwat, Afif M.; and Senatore, Guy, 4,524,200, Cl. 528-388.000.
Shioyama, Tod K., 4,507,506, Cl. 568-401.000.
Shioyama, Tod K., 4,550,212, Cl. 568-401.000.
Shioyama, Tod K.; and Little, Robert A., 4,560,783, Cl. 556-183.000.
Shyr, Yen-Shin, 4,547,486, Cl. 502-333.000.
Small, William M., 4,490,896, Cl. 29-157.30R.
Smith, Dexter E.; Steward, William S.; and Funk, Gary L., 4,543,637, Cl. 364-500.000.
Smith, Paul D.; and Martin, Joel L., 4,559,318, Cl. 502-110.000.
Smith, Sanford N., 4,502,195, Cl. 28-255.000.
South, Aubrey, Jr., 4,548,977, Cl. 524-310.000.
Spence, J. Ronald, 4,541,940, Cl. 252-33.000.
Spence, J. Ronald; and Jack, Douglas S., 4,543,194, Cl. 252-33.000.
Stapp, Paul R., 4,491,525, Cl. 252-8.55D.
Stapp, Paul R.; and Chaney, Mary B., 4,493,370, Cl. 166-273.000.
Stapp, Paul R., 4,504,399, Cl. 252-8.55D.
Stapp, Paul R., 4,541,918, Cl. 208-87.000.

- Stapp, Paul R., 4,542,789, Cl. 166-274.000.
- Stapp, Paul R., 4,552,646, Cl. 208-90.000.
- Stapp, Paul R., 4,560,467, Cl. 208-89.000.
- Stengle, Nancy K.; and Hobbs, James W., 4,557,806, Cl. 203-1.000.
- Stewart, William S.; and Blaesi, John E., 4,545,894, Cl. 208-311.000.
- Still, Robert D., Jr.; and Boeke, Paul J., 4,522,875, Cl. 428-285.000.
- Svetlik, Harvey E., 4,509,590, Cl. 165-104.270.
- Tabler, Donald C., 4,502,948, Cl. 208-183.000.
- Tabler, Donald C., 4,522,729, Cl. 210-727.000.
- Thorsrud, Agmund K., 4,556,603, Cl. 428-283.000.
- Tillman, Willie, 4,500,491, Cl. 422-150.000.
- Tims, Harold A.; Elliott, Sheldon E.; Montgomery, Orin C.; and Doggett, William N., 4,493,063, Cl. 367-77.000.
- Uraneck, Carl A.; and Burleigh, John E., 4,537,932, Cl. 524-572.000.
- Van Pool, Joe, 4,513,165, Cl. 585-723.000.
- Vives, Van C., 4,547,313, Cl. 252-518.000.
- Walker, John H.; and Wood, Harold V., 4,544,701, Cl. 524-609.000.
- Walters, John P., 4,499,930, Cl. 141-8.000.
- Warzel, F. Morgan, 4,547,019, Cl. 299-4.000.
- Welch, M. Bruce, 4,547,617, Cl. 585-646.000.
- Wier, Donald R.; and Gillham, Gordon D., 4,544,206, Cl. 299-4.000.
- Wilder, Charles R., 4,518,434, Cl. 106-307.000.
- Wiley, Bruce F., 4,552,011, Cl. 73-4.00R.
- Wilt, Mason S.; and Dietz, Richard E., 4,532,272, Cl. 523-330.000.
- Wishman, Marvin, 4,502,156, Cl. 2-181.000.
- Wishman, Marvin, 4,540,414, Cl. 604-378.000.
- Wishman, Marvin, 4,550,725, Cl. 128-155.000.
- Wittenbach, Paul G., 4,505,420, Cl. 228-212.000.
- Wright, Roy F., 4,501,713, Cl. 264-176.00R.
- Wright, Roy F., 4,544,700, Cl. 524-543.000.
- Wu, Yulin, 4,501,674, Cl. 252-8.55D.
- Wu, Yulin, 4,511,001, Cl. 166-310.000.
- Wu, Yulin, 4,526,813, Cl. 427-235.000.
- Wu, Yulin, 4,541,489, Cl. 166-312.000.
- Wu, Yulin; and Mumallah, Naim A., 4,552,217, Cl. 166-270.000.
- Wu, Yulin, 4,556,110, Cl. 166-310.000.
- Wu, Yulin; and Stapp, Paul R., 4,556,111, Cl. 166-310.000.
- Yeh, Gene H. C.; Martin, Joel L.; and Hsieh, Henry L., 4,544,718, Cl. 526-141.000.
- Yeh, Gene H. C.; Martin, Joel L.; and Hsieh, Henry L., 4,556,647, Cl. 502-102.000.
- Yu, Michael C., 4,533,720, Cl. 528-125.000.
- Yudovich, Amos, 4,539,098, Cl. 208-11.0LE.
- Zannoni, Cristiano, 4,492,043, Cl. 34-39.000.

- Phillips Plastics Corporation: *See—*
  - Danko, Arthur J., 4,534,530, Cl. 248-239.000.
  - Wollar, Burnell J.; and Schwind, Richard J., 4,556,351, Cl. 411-38.000.
- Phillips, R. Daryl: *See—*
  - Phillips, Robert L.; Phillips, R. Daryl; and Mason, Donald C., 4,543,948, Cl. 128-80.00A.
- Phillips, Raymond J., to United States of America, Navy. Demountable coaxial electrical connector for in-line amplifiers. 4,525,013, 6-25-85, Cl. 339-7.000.
- Phillips, Raymond M. Motion damping system for water bed mattresses. 4,517,691, 5-21-85, Cl. 5-450.000.
- Phillips, Richard A.; and Haddad, Theodore A., to Foster Grant Corporation. Method of making an abrasion resistant coating on a solid substrate and articles produced thereby. 4,492,733, 1-8-85, Cl. 428-412.000.
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- Phillips, Richard A.; and Naylor, Peter W., to Otter Controls Limited. Electric switches. 4,523,173, 6-11-85, Cl. 337-367.000.
- Phillips, Richard A.; Fletcher, Keith; and Naylor, Peter W., to Otter Controls Limited. Water boiling vessel immersion heater with primary and secondary thermal cut-out protection. 4,539,468, 9-3-85, Cl. 219-330.000.
- Phillips, Richard B.: *See—*
  - Plummer, Ernest L.; Engel, John F.; and Phillips, Richard B., 4,552,892, Cl. 514-531.000.
- Phillips, Robert E.: *See—*
  - Tiep, Brian L.; Phillips, Robert E.; and Otsap, Ben A., 4,535,767, Cl. 128-207.180.
- Phillips, Robert F.: *See—*
  - McIntyre, James A.; and Phillips, Robert F., 4,496,437, Cl. 204-24.000.
  - McIntyre, James A.; and Phillips, Robert F., 4,511,441, Cl. 204-98.000.
  - McIntyre, James A.; and Phillips, Robert F., 4,534,845, Cl. 204-283.000.
- Phillips, Robert J. Eyeglasses apparatus, and methods of constructing and utilizing same. 4,541,125, 9-17-85, Cl. 2-10.000.
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- Phillips, Robert L.: *See—*
  - Tymkewicz, John; Phillips, Robert L.; and Park, Richard M., 4,538,515, Cl. 101-216.000.
- Phillips, Robert R.: *See—*
  - Lundberg, Robert D.; Peiffer, Dennis G.; Duvdevani, Ilan; and Phillips, Robert R., 4,497,923, Cl. 524-107.000.
  - Lundberg, Robert D.; Phillips, Robert R.; and Peiffer, Dennis G., 4,517,333, Cl. 524-516.000.
  - Lundberg, Robert D.; Phillips, Robert R.; and McGrath, James E., 4,529,527, Cl. 252-33.000.
  - Lundberg, Robert D.; and Phillips, Robert R., 4,536,547, Cl. 525-186.000.
  - Lundberg, Robert D.; Peiffer, Dennis G.; and Phillips, Robert R., 4,552,916, Cl. 524-399.000.
- Phillips, Robert V. Exercise bicycle apparatus particularly adapted for controlling video games. 4,512,567, 4-23-85, Cl. 272-73.000.
- Phillips, Roger W.; and Phillips, Ann L. Adjustable protective rope barrier. 4,524,953, 6-25-85, Cl. 256-23.000.
- Phillips, Ronald: *See—*
  - Logie, Frank M.; and Phillips, Ronald, 4,504,810, Cl. 335-261.000.
- Phillips, Royston J.: *See—*
  - Courtenay, John H.; and Phillips, Royston J., 4,561,912, Cl. 148-23.000.
- Phillips, Stephen J., to Coca-Cola Limited. Game cup with game information under the rolled lip. 4,518,639, 5-21-85, Cl. 428-35.000.
- Phillips, Van L., to Flex Foot, Inc. Composite prosthetic foot and leg. 4,547,913, 10-22-85, Cl. 623-27.000.
- Phillips, Vanice C.; and Phillips, Glendale. Tennis serve practice device. 4,502,685, 3-5-85, Cl. 273-29.00A.
- Phillips, William E. Inflatable air pump. 4,521,166, 6-4-85, Cl. 417-478.000.
- Phillips, William E. Bed/shelter unit. 4,531,330, 7-30-85, Cl. 52-2.000.
- Phillips, William H., to Holgate Corporation. Plankton sample taking apparatus. 4,558,534, 12-17-85, Cl. 43-9.000.
- Phillips, William L., Jr., to Du Pont de Nemours, E. I., and Company. Method for passivating stainless steel surfaces and product thereof. 4,518,440, 5-21-85, Cl. 148-6.14R.
- Phillipson, Walter M.: *See—*
  - Brennan, Robert J.; Meighen, Terrence; and Phillipson, Walter M., 4,537,459, Cl. 339-143.00R.
- Philofsky, Elliott; Parkinson, Ward; and Wilson, Dennis, to AVX Corporation. Integrated circuit device and subassembly. 4,527,185, 7-2-85, Cl. 357-70.000.
- Philpott, Frank, to Goodyear Tire & Rubber Company, The. Pneumatic tire. 4,557,307, 12-10-85, Cl. 152-539.000.
- Philpott, George C.: *See—*
  - Leigh, Malcolm H.; Deiner, Hans; Philpott, George C.; Macklin, Ian S.; and McDonald, Alan, 4,559,056, Cl. 8-115.640.
- Phipps, Cornelius M.; and Phipps, Cornelius M., Jr., to Plastic Specialties, Inc. Interchangeable knitting needle system. 4,494,387, 1-22-85, Cl. 66-117.000.
- Phipps, Cornelius M., Jr.: *See—*
  - Phipps, Cornelius M.; and Phipps, Cornelius M., Jr., 4,494,387, Cl. 66-117.000.
- Phipps, Henri L. Combination flashlight and lamp. 4,502,102, 2-26-85, Cl. 362-183.000.
- Phipps, Joe: *See—*
  - Prengaman, Richard J.; Thurber, Robert E.; Phipps, Joe; Greenberg, Ronald I.; Hom, Wai L.; Jaworski, James F.; and Riffle, Guy W., 4,550,318, Cl. 343-5.0PD.
- Phipps, Robert E.: *See—*
  - Mooney, Charles W.; Phipps, Robert E.; and Kuznicki, William J., 4,540,908, Cl. 310-326.000.
- Phlipp, Wilfried. Pad-type printing machine and plate inking assembly therefor. 4,557,195, 12-10-85, Cl. 101-163.000.
- Phoenix Digital Corporation: *See—*
  - Trussell, Gerald C.; Felix, Andre B.; Hembree, Thomas D.; and Rollins, Paul F., 4,539,655, Cl. 364-900.000.
- Phoenix Electric Corporation: *See—*
  - Pflanz, Herbert M., 4,538,133, Cl. 337-4.000.
- Phoenix Manufacturing, Inc.: *See—*
  - Johnson, Edward J.; and Koble, Robert L., Jr., 4,522,558, Cl. 416-187.000.
- Phonetics, Inc.: *See—*
  - Blanchard, Kenneth E.; and Sanislo, Stephen V., Jr., 4,558,181, Cl. 179-5.00P.
- Phong-Anant, Dheera, to Ihnativ, Lawrence Waldemar; and Squire, Alan Bruce. Process to produce hydrogen and oxygen utilizing the energy content of waste materials. 4,506,631, 3-26-85, Cl. 122-2.000.
- Photo Vending Corporation: *See—*
  - McElwee, J. Russell, 4,519,522, Cl. 221-13.000.
- Photographic Peripherals, Inc.: *See—*
  - Yurdin, Carl; and Monti, Carmel S., 4,497,549, Cl. 350-581.000.
- Photomeca S.A.: *See—*
  - Ferrante, Mario, 4,515,456, Cl. 354-320.000.
  - Ferrante, Mario, 4,521,092, Cl. 354-320.000.
- Photon Chroma, Inc.: *See—*
  - Plumadore, John D., 4,515,463, Cl. 355-10.000.
  - Plumadore, John D., 4,526,850, Cl. 430-103.000.
- Photopoly Ohka Co., Ltd.: *See—*
  - Aoyama, Toshimi; Tohda, Hiroyuki; Kato, Kazuo; and Nakane, Hisashi, 4,557,996, Cl. 430-324.000.
- Photoron Incorporated: *See—*
  - Mitsui, Kenji; and Suzuki, Akira, 4,554,409, Cl. 178-19.000.
- Photron Ltd.: *See—*
  - Ohno, Yoshio; Koyama, Katsuhiko; and Nishio, Kohsaku, 4,544,247, Cl. 352-62.000.
- Phuc, Tran N., to Senko Medical Instrument Mfg. Co., Ltd. Gas jet device for use in respirators. 4,537,188, 8-27-85, Cl. 128-200.210.
- Phuc, Tran N., to Senko Medical Instrument Mfg. Co., Ltd. Respirator with two jet gas injection tubes. 4,543,951, 10-1-85, Cl. 128-204.250.

Phy, William S., to Fairchild Camera & Instrument Corporation. Process for fabricating precision optical spacers for image sensor filters. 4,515,662, 5-7-85, Cl. 204-15.000.
Phyronics, Inc.: *See—*
Kinney, Philip C.; Imran, Mir; and Donnelly, Edward J., 4,532,710, Cl. 33-141.00E.
Physical Systems, Inc.: *See—*
Hutter, Charles G., III, 4,520,836, Cl. 137-59.000.
Physics International Company: *See—*
Stallings, Charles H.; Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.
Physio Technology, Inc.: *See—*
Castel, John C., 4,535,777, Cl. 128-421.000.
Phytogen: *See—*
Anderson, David M., 4,536,475, Cl. 435-172.300.
Bonner, James F., 4,519,163, Cl. 47-58.000.
Phyton/AG, Inc.: *See—*
Thirumalachar, Mandayam J.; Narasimhan, Mandayam J.; and Thirumalachar, Mandayam J. K., 4,544,666, Cl. 514-460.000.
Piacenti, Franco; Ciampelli, Federigo; and Pasetti, Adolfo, to Montedison S.p.A.; and Consiglio Nazionale Delle Ricerche. Protecting materials subject to degradation by atmospheric and polluting agents by means of perfluoropolyethers. 4,499,146, 2-12-85, Cl. 428-422.000.
Piacenza, Giuseppe: *See—*
Maiorana, Stefano; Brocchetti, Diego G.; Piacenza, Giuseppe; and Manfredi, Amedea, 4,547,495, Cl. 514-211.000.
PIACT: *See—*
Free, Michael J., 4,549,652, Cl. 206-363.000.
Piaget, Claude: *See—*
Guittard, Pierre; Guillemet, Bernard; and Piaget, Claude, 4,536,679, Cl. 313-541.000.
Piaget, Gary: *See—*
Alexander, Adam; and Piaget, Gary, 4,506,891, Cl. 273-153.00S.
Levy, Richard C.; Levy, Sheryl; and Piaget, Gary, 4,529,390, Cl. 446-220.000.
Piaggi, Alberto. Processes for manufacturing specific products suitable for the storage, transport, preparation and consumption of food, and drinks and products obtained by said processes, such as plates, soup plates, vessels, cups, glasses and the like. 4,500,573, 2-19-85, Cl. 428-35.000.
Piaggio & C. S.p.A.: *See—*
Doveri, Carlo, 4,521,208, Cl. 474-101.000.
Gaddi, Bruno, 4,523,660, Cl. 180-228.000.
Piana, Angelo J. Waterproof shower module with tile-ready inner surfaces. 4,557,004, 12-10-85, Cl. 4-613.000.
Piascinski, Joseph J.; Axelrod, Randolph H.; and Mount, James, to RCA Corporation. Method for combined baking-out and panel-sealing of a partially-assembled CRT. 4,493,668, 1-15-85, Cl. 445-40.000.
Piascinski, Joseph J.: *See—*
Axelrod, Randolph H.; and Piascinski, Joseph J., 4,562,120, Cl. 428-469.000.
Piasecki, Joshua; Zelinkovsky, Reuven; Segev, Aharon; and Henquin, Teodor, to Electronics Corporation of Israel Ltd. Time assignment speech interpolation apparatus. 4,523,309, 6-11-85, Cl. 370-81.000.
Piat, Rene: *See—*
Muller, Bernard; Piat, Rene; Rensing, Cornelis; and Trajin, Jean-Paul, 4,517,362, Cl. 546-7.000.
Piatt, John A.: *See—*
Blechschmid, John; Coyne, Richard D.; Palmer, David; and Piatt, John A., 4,556,785, Cl. 219-460.000.
Piatt, Michael J.; and Williams, Theodore F., to Eastman Kodak Company. Ink jet printer. 4,494,124, 1-15-85, Cl. 346-1.100.
Piazza, Pietro: *See—*
Amici, Francis R.; and Piazza, Pietro, 4,561,854, Cl. 446-304.000.
Piazzetta, Domenico, to Piazzetta S.p.A. Fireplace-heater with full recovery of hot air. 4,558,688, 12-17-85, Cl. 126-67.000.
Piazzetta S.p.A.: *See—*
Piazzetta, Domenico, 4,558,688, Cl. 126-67.000.
Piazzola, Gaetano. Electric resistance heating assembly for plastics material extruders. 4,504,734, 3-12-85, Cl. 219-550.000.
Piber, Earl T., to Eaton Corporation. Mounting and cooling arrangement for semiconductor switch of an electric outboard motor. 4,559,016, 12-17-85, Cl. 440-6.000.
Piber, Herbert: *See—*
Koroncai, Adam; Nowak, Alfred; and Piber, Herbert, 4,536,956, Cl. 30-43.920.
Picard, Bernard, to Commissariat a l'Energie Atomique. Process and apparatus for measuring wave surface distortions introduced by an optical system. 4,558,948, 12-17-85, Cl. 356-124.000.
Picard, Bernard: *See—*
Holvoet, Marcel; and Picard, Bernard, 4,546,027, Cl. 428-109.000.
Picard, Claude, to La Calhene. Safety device for a locking and opening system. 4,494,586, 1-22-85, Cl. 141-384.000.
Picard, Claude: *See—*
Mercey, Gilles; Picard, Claude; and Saint-Martin, Bernard, 4,509,505, Cl. 128-1.00B.
Picard, Gerard; Flament, Thierry; Tremillon, Bernard; Saint-Paul, Pierre; and Spiteri, Pierre, to Electricite de France (Service National). Process for stabilizing a mixture of molten alkali metal nitrates and alkali metal nitrites usable particularly as a heat transfer fluid and stabilized mixture thus obtained. 4,559,993, 12-24-85, Cl. 165-1.000.
Picard, Jean-Claude M.: *See—*
Denison, Early B.; and Picard, Jean-Claude M., 4,557,332, Cl. 166-345.000.
Picard, Salvatore R.: *See—*
Naubereit, Henry; Beyer, Henry R.; DeSipio, Richard G.; and Picard, Salvatore R., 4,500,884, Cl. 343-456.000.
Naubereit, Henry; Long, Thomas F.; Picard, Salvatore R.; and Ritz, Joseph, 4,500,886, Cl. 343-456.000.
Picarello, Joseph F.: *See—*
Shaffer, Jacob E., Jr.; and Picarello, Joseph F., 4,540,874, Cl. 219-279.000.
Picaud, Michel M. R., to Societe Anonyme dite: Societe Metallurgique Haut-Marnaise. Casing with assisted opening for protecting an apparatus in the form of a post. 4,556,080, 12-3-85, Cl. 137-296.000.
Picazo, Jose J., Jr.: *See—*
Biba, Kenneth J.; and Picazo, Jose J., Jr., 4,521,891, Cl. 375-8.000.
Piccardi, Paolo: *See—*
Bettarini, Franco; Massardo, Pietro; Piccardi, Paolo; and Longoni, Angelo, 4,540,711, Cl. 514-720.000.
Piccardi, Paulo: *See—*
Massardo, Pietro; Bettarini, Franco; Bianchini, Ennio; and Piccardi, Paulo, 4,496,771, Cl. 5[illegible]-651.000.
Picchi, Giorgio; and Prati, Giancar[illegible] Consiglio Nazionale Delle Ricerche. Auto-orthogonalizing sy[illegible] equalization adapted to a range of discrete frequencies and equalizer which activates the system. 4,547,889, 10-15-85, Cl. 375-15.000.
Piccioli, David P.; Harry, Ieuan L.; and Clark, Richard E., to Continental Packaging Company, Inc. Trimming of polyester containers using a laser. 4,539,463, 9-3-85, Cl. 219-121.0LG.
Piccioli, David P.; Harry, Ieuan L.; and Clark, Richard E., to Continental Packaging Company, Inc. Trimming of polyester containers using a laser. 4,549,066, 10-22-85, Cl. 219-121.0LG.
Piccione, James M. User programmable postal rate calculator. 4,495,581, 1-22-85, Cl. 364-466.000.
Piccirilli, Beniamino: *See—*
Perri, Giulio C.; Bianco, Tommaso; and Piccirilli, Beniamino, 4,530,902, Cl. 435-105.000.
Piccirilli, Robert: *See—*
Chang, Wen-Hsuan; and Piccirilli, Robert, 4,528,333, Cl. 525-398.000.
Piccoli, Dante E.; and Nadkarni, Pradeep D., to Goodyear Tire & Rubber Company, The. Shape restoring hose. 4,553,568, 11-19-85, Cl. 138-125.000.
Piccolo, Dominic J.; and Feinerman, Deborah J., to Warner-Lambert Company. Kola flavored chewing gum and preparation thereof. 4,533,556, 8-6-85, Cl. 426-3.000.
Piccolo, Dominic J.: *See—*
Carroll, Thomas J.; Rubin, Michael; Piccolo, Dominic J.; and Glass, Michael, 4,493,849, Cl. 426-3.000.
Carroll, Thomas J.; Corsello, Vincent G.; Glass, Michael; and Piccolo, Dominic J., 4,513,012, Cl. 426-5.000.
Piccolo, Luigi: *See—*
Cozza, Giorgio; and Piccolo, Luigi, 4,533,360, Cl. 23-298.000.
Piccolo, Oreste; Belli, Aldo; Villa, Giovanni; Zen, Enrico; and Citterio, Attilio, to Biaschim S.p.A. Process for preparing biaryl compounds via coupling of an arylamine with an arene. 4,542,233, 9-17-85, Cl. 560-21.000.
Piccolo, Oreste; Villa, Giovanni; and Zen, Enrico, to Blaschim S.p.A. Process for the optical resolution of (±)2-(6′methoxy-2′-naphthyl)-propionic acid. 4,546,201, 10-8-85, Cl. 562-401.000.
Picha, Josef: *See—*
Flegel, Martin; Pospisek, Jan; Picha, Josef; Pichova, Drahomira; Krojidlo, Milan; and Kolinsky, Jiri, 4,512,923, Cl. 260-112.5LH.
Pichat, Philippe; Niel, Michel; and Sinn, Robert, to Societe Chimique des Charbonnages-CdF Chimie. Process for manufacturing cellular plaster and molded plaster articles. 4,523,954, 6-18-85, Cl. 106-110.000.
Pichat, Philippe. Process for solidification of strongly acidic or akaline liquid wastes. 4,547,290, 10-15-85, Cl. 210-751.000.
Pichl, Eduard: *See—*
Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, 4,528,174, Cl. 423-488.000.
Pichl, Heinz, to Volvo Penta AB. Blocking device for preventing axial movement in selected extent. 4,498,874, 2-12-85, Cl. 440-83.000.
Pichl, Heinz: *See—*
Brandt, Lennart; and Pichl, Heinz, 4,501,560, Cl. 440-53.000.
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Pichler, Gerald P.: *See—*
Bentley, Gustavus A.; Nash, Stephen E.; and Pichler, Gerald P., 4,513,976, Cl. 277-25.000.
Pichler, Rudolf. Adjustable stairway element. 4,516,368, 5-14-85, Cl. 52-190.000.
Pichon, Laurence; and Huignard, Jean P., to Thomson-CSF. Optical Fourier transformer device and optical correlator incorporating the said device. 4,514,038, 4-30-85, Cl. 350-162.130.
Pichon, Michel: *See—*
Maillard, Alain; and Pichon, Michel, 4,541,856, Cl. 65-29.000.
Pichon, Michel A. Service elevator for construction. 4,557,353, 12-10-85, Cl. 187-2.000.
Pichot, Jacky; and Oddou, Jacques, to Electricite de France (Service National). Method and apparatus for regulating a heating installation in premises including a plurality of heat generators. 4,542,849, 9-24-85, Cl. 236-1.0EB.
Pichot, Michel: *See—*
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Pichova, Drahomira: *See—*
Flegel, Martin; Pospisek, Jan; Picha, Josef; Pichova, Drahomira; Krojidlo, Milan; and Kolinsky, Jiri, 4,512,923, Cl. 260-112.5LH.

- Pick, Rudolph, to Du Pont de Nemours, E. I., and Company. Process for reducing color in poly(tetramethylene ether) glycol. 4,544,774, 10-1-85, Cl. 568-617.000.
- Pickar, Paul B.: *See—*
  - Bindra, Perminder S.; David, Allan P.; Galasco, Raymond T.; Gasdik, Charles E.; Light, David N.; and Pickar, Paul B., 4,540,473, Cl. 204-52.00R.
- Pickard, Jurgen: *See—*
  - Eltze, Georg; Luttge, Klaus; Pickard, Jurgen; Rubmann, Hans; and Sandner, Helmut, 4,534,457, Cl. 192-70.200.
- Pickard, Ronald D.; Reece, John W.; and Racette, Joseph W., to NCR Corporation. Voltage compensating driver circuit. 4,503,480, 3-5-85, Cl. 361-152.000.
- Pickel, Hans: *See—*
  - Neitz, Alfred; D'Alfonso, Nunzio; and Pickel, Hans, 4,499,871, Cl. 123-276.000.
- Pickelman, Dale M.; and Yats, Larry D., to Dow Chemical Company, The. Amphoteric latexes containing pH independent and pH dependent bound charges. 4,544,697, 10-1-85, Cl. 524-458.000.
- Pickelman, Dale M.: *See—*
  - Wessling, Ritchie A.; and Pickelman, Dale M., 4,525,526, Cl. 524-815.000.
- Pickens, Joseph R., to Inco Alloys International, Inc. Mechanically alloyed dispersion strengthened aluminum-lithium alloy. 4,532,106, 7-30-85, Cl. 420-528.000.
- Pickens, Ralph D. Semi-automatic cartridge reloading machine. 4,522,102, 6-11-85, Cl. 86-27.000.
- Pickens, Stanley R., to PPG Industries, Inc. Electro organic method and apparatus for carrying out same. 4,521,283, 6-4-85, Cl. 204-59.00R.
- Picker Corporation: *See—*
  - Palermo, Anthony, Jr., 4,494,811, Cl. 339-94.00R.
- Picker International Limited: *See—*
  - Burl, Michael; and Young, Ian R., 4,520,828, Cl. 128-653.000.
  - Holland, Geoffrey N., 4,535,403, Cl. 364-200.000.
  - Randell, Christopher P., 4,553,096, Cl. 324-309.000.
  - Young, Ian R., 4,534,358, Cl. 128-653.000.
  - Young, Ian R., 4,553,122, Cl. 335-296.000.
  - Young, Ian R., 4,554,925, Cl. 128-653.000.
  - Young, Ian R., 4,558,278, Cl. 324-309.000.
- Pickering, Alan H., to English Electric Valve Company Ltd. Coaxial magnetron having cavity walls vibrated by tuning fork. 4,518,932, 5-21-85, Cl. 331-90.000.
- Pickering & Company, Inc.: *See—*
  - Alexandrovich, George; Edinger, J. Raymond; Hofer, Alan; and Kuykendall, John, 4,509,159, Cl. 369-170.000.
- Pickering Fuel Resources, Inc.: *See—*
  - Johnston, Ian F.; and Houseman, John, 4,529,407, Cl. 44-21.000.
- Pickering, William, to Towmotor Corporation. Power steering control apparatus and method. 4,557,343, 12-10-85, Cl. 180-142.000.
- Pickering, William: *See—*
  - Melocik, Grant C.; and Pickering, William, 4,508,999, Cl. 318-331.000.
  - Melocik, Grant C.; and Pickering, William, 4,511,947, Cl. 361-191.000.
  - Melocik, Grant C.; and Pickering, William, 4,514,665, Cl. 318-139.000.
  - Melocik, Grant C.; and Pickering, William, 4,518,902, Cl. 318-373.000.
  - Melocik, Grant C.; and Pickering, William, 4,521,885, Cl. 371-29.000.
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  - Melocik, Grant C.; and Pickering, William, 4,555,651, Cl. 318-341.000.
- Pickert, Detlef: *See—*
  - Neumann, Joachim; Pickert, Detlef; and Emmenthal, Klaus-Dieter, 4,557,874, Cl. 261-19.000.
- Pickett, Bobby L. Pet hitching device. 4,509,462, 4-9-85, Cl. 119-117.000.
- Pickett, Charles G.; Charney, John G.; and Khasin, Marra, to Purolator Inc. Oil filter relief valve. 4,497,706, 2-5-85, Cl. 210-130.000.
- Pickett, John A.: *See—*
  - Dawson, Glenn W.; Griffiths, David C.; and Pickett, John A., 4,546,110, Cl. 514-529.000.
- Pickett, Kenneth J.; and Derr, Carl B., to Earthway Products, Inc. Combination seeder and fertilizer dispenser for home vegetable gardens. 4,497,264, 2-5-85, Cl. 111-73.000.
- Pickett, William H., to Reinforced Earth Company, The. Post and panel wall. 4,529,174, 7-16-85, Cl. 256-27.000.
- Pickle Creek Mfg., Inc.: *See—*
  - Schartz, Charles O., 4,558,890, Cl. 285-13.000.
- Pickup, John G.: *See—*
  - Saleeb, Fouad Z.; and Pickup, John G., 4,532,145, Cl. 426-650.000.
- Pickup, Kenneth H.: *See—*
  - Dey, Phillip; Fearns, Peter; Plessner, Karl W.; Pickup, Kenneth H.; Gaylard, Bernard; and Murphy, Arthur B., 4,491,387, Cl. 350-96.230.
- Pickwell, Robert J.; and Osterholtz, Frederick D., to Union Carbide Corporation. Organofunctional silane-siloxane oligomer coupling compositions, curable and cured elastomeric compositions containing same and novel electric cable containing said cured elastomeric compositions. 4,526,922, 7-2-85, Cl. 524-445.000.
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  - Astolfi, Pietro, 4,509,278, Cl. 40-156.000.
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- Picozza, Augusto A., to Dart Industries Inc. Adjustable carrier for containers. 4,505,506, 3-19-85, Cl. 294-161.000.
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  - Kwan, William C. T.; and Pidcock, Anthony, 4,561,257, Cl. 60-737.000.
  - Wright, William B.; and Pidcock, Anthony, 4,525,996, Cl. 60-39.310.
- Pido, Jean-Claude: *See—*
  - Sevelinge, Gerard; and Pido, Jean-Claude, 4,558,551, Cl. 52-646.000.
- Piduch, Hans-Gunter: *See—*
  - Kwasnik, Hans-Jurgen; Piduch, Hans-Gunter; and Bruske, Heinz-Dieter, 4,515,660, Cl. 202-241.000.
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  - Rogler, Wolfgang; Markert, Helmut; Kretzschmar, Klaus; and Piecha, Gerhard, 4,562,227, Cl. 524-786.000.
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- Pieczenik, George. Method of inserting unique DNA sequences into DNA vectors. 4,528,266, 7-9-85, Cl. 435-6.000.
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- Pieper, Fritz: *See—*
  - Zimmermann, Hans; Pieper, Fritz; and Nagel, Hartmut, 4,530,495, Cl. 271-204.000.
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  - Burger, Arnulf; Scharff, Karl-Heinz; Geiger, Kurt; Schnee, Gunther; and Pieper, Hartwig, 4,536,909, Cl. 15-4.000.
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  - Donike, Wilhelm; Ulrich, Helmut; Thiemer, Heinz; and Pieper, Josefa, 4,538,013, Cl. 585-361.000.
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  - Schippers, Heinz; Lenk, Erich; Martens, Gerhard; Mayer, Manfred; Pieper, Werner; and Putsch, Siegfried, 4,504,021, Cl. 242-18.100.
- Piepers, Harry, to U.S. Philips Corporation. Output amplifier for a transmitting tube. 4,514,700, 4-30-85, Cl. 330-56.000.
- Piepers, Harry C., to Galentan, A.G. Device for applying blot-shaped coverings by electro-plating. 4,493,757, 1-15-85, Cl. 204-206.000.
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  - Ballik, Rainer; and Hutten, Heinrich, 4,511,082, Cl. 239-8.000.
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- Pierce, Edward J. Hydraulic concentrator. 4,529,508, 7-16-85, Cl. 209-157.000.
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  - Lewallen, Steve F.; Lewis, Billy J.; McIver, James R.; Hoss, Robert E.; and Pierce, Edward W., 4,530,853, Cl. 427-113.000.
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- Pierce, Jennifer Margaret: *See—*
  - Wells, David W., 4,546,919, Cl. 236-48.00R.
- Pierce, Jon C.: *See—*
  - Gramse, Jack A.; and Pierce, Jon C., 4,543,182, Cl. 210-95.000.
- Pierce, Philip R.: *See—*
  - Callen, Patrick J.; and Pierce, Philip R., 4,494,063, Cl. 320-56.000.
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- Pierce, R. Neal: *See—*
  - Price, Fred D.; and Pierce, R. Neal, 4,549,778, Cl. 339-40.000.
- Pierce, Rex G.: *See—*
  - Ray, Robert W.; and Pierce, Rex G., 4,514,934, Cl. 51-165.00R.
- Pierce, S. Mark: *See—*
  - Duke, George B., Jr.; and Pierce, S. Mark, 4,553,785, Cl. 297-229.000.
- Pierce, Stanley L.; Brown, Larry T.; and Jain, Pramod K., to Ford Motor Company. Transmission clutch control system and method. 4,527,678, 7-9-85, Cl. 192-3.580.
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- Pierce, Trudy L.: *See—*
  - King, Clifford P.; and Pierce, Trudy L., 4,526,301, Cl. 222-153.000.
- Pierce, William C., to Lear Siegler, Inc. Load equalizer valve and suspension system. 4,553,773, 11-19-85, Cl. 280-676.000.
- Piercy, William B., to United States of America, Navy. Adjustable self-releasing hook. 4,537,434, 8-27-85, Cl. 294-82.310.
- Pierdet, Andre: *See—*
  - Nedelec, Lucien; Pierdet, Andre; and Fauveau, Patrick, 4,493,836, Cl. 424-248.400.
- Pieri, Vincenzo, to SORMA s.r.l. Automatic apparatus for individually enshrouding fruit and vegetable containers in a net provided with a reinforcing strip and a label. 4,537,006, 8-27-85, Cl. 53-134.000.
- Pierini, John M.: *See—*
  - Petersen, Richard W.; Pierini, John M.; and Yeo, Herbert G., 4,522,053, Cl. 720-316.000.
- Pierpaoli, Piero: *See—*
  - Bianchi, Gianfranco; Pierpaoli, Piero; Borelli, Riccardo; and Rainoldi, Luciano, 4,538,465, Cl. 73-722.000.
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- Pierpaoli, Walter; and Maestroni, Georges, to Cellena (Cell Engineering) A.G.; and Choay S.A. Water soluble fraction capable of controlling the immune reactions of a host against allogenic cells or tissue, the pharmaceutical compositions containing said fraction and a process for preparing the latter. 4,540,574, 9-10-85, Cl. 424-95.000.
- Pierquin, Jean-Claude, to Essilor International (Compagnie Generale d'Optique). Spectacle frame with removable face assembly. 4,521,090, 6-4-85, Cl. 351-124.000.
- Pierrat, Lambert: *See—*
  - Delassus, Jean; and Pierrat, Lambert, 4,557,667, Cl. 417-50.000.
- Pierrat, Michel A. Counterweight for orbital drive mechanism. 4,524,644, 6-25-85, Cl. 74-804.000.
- Pierrat, Michel A. Orbital speed reducer with compensation coupling. 4,549,450, 10-29-85, Cl. 74-805.000.
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  - Cousse, Henri; Mouzin, Gilbert; Bonnaud, Bernard; Charveron, Marie; and Fauran, Francois, 4,507,318, Cl. 514-531.000.
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  - Pitet, Guy; Cousse, Henri; and Mouzin, Gilbert, 4,511,566, Cl. 514-242.000.
- Pierre, Gibert. Stabilized load handling vehicle with orientable arm. 4,531,882, 7-30-85, Cl. 414-687.000.
- Pierrel, Hans-Joachim, to Siemens Aktiengesellschaft. Telephone station which is main or remotely supplied. 4,560,841, 12-24-85, Cl. 179-81.00R.
- Pierrel, Michel: *See—*
  - Bellocci, Rio; Gourmel, Yves; and Pierrel, Michel, 4,506,723, Cl. 164-421.000.
  - Fort, Pierre; and Pierrel, Michel, 4,541,477, Cl. 164-302.000.
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  - Giobbio, Vincenzo; Ornato, Giorgio; Buracchi, Livio; and Mangia, Alberto, 4,526,985, Cl. 549-253.000.
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  - Tricerri, Silvia Z.; Casagrande, Cesare; De Marchi, Franco; and Nicola, Massimo, 4,508,719, Cl. 514-236.000.
- Pierret, Gabriel L.: *See—*
  - Pierret, Luc A., deceased; Robert, Joseph, administrator; Pierret, Hubert; Pierret, Gabriel L.; Pierret, Maurice J.; and Pierret, Jean-Marie M., 4,516,734, Cl. 241-283.000.
- Pierret, Hubert: *See—*
  - Pierret, Luc A., deceased; Robert, Joseph, administrator; Pierret, Hubert; Pierret, Gabriel L.; Pierret, Maurice J.; and Pierret, Jean-Marie M., 4,516,734, Cl. 241-283.000.
- Pierret, Jean M., to Ducellier & Cie. Ignition coil for internal combustion engines. 4,546,753, 10-15-85, Cl. 123-634.000.
- Pierret, Jean-Marie M.: *See—*
  - Pierret, Luc A., deceased; Robert, Joseph, administrator; Pierret, Hubert; Pierret, Gabriel L.; Pierret, Maurice J.; and Pierret, Jean-Marie M., 4,516,734, Cl. 241-283.000.
- Pierret, Luc A., deceased; by Robert, Joseph, administrator; Pierret, Hubert; Pierret, Gabriel L.; Pierret, Maurice J.; and Pierret, Jean-Marie M. Method for loading automatically machines for treating bulk materials and device for working such method. 4,516,734, 5-14-85, Cl. 241-283.000.
- Pierret, Maurice J.: *See—*
  - Pierret, Luc A., deceased; Robert, Joseph, administrator; Pierret, Hubert; Pierret, Gabriel L.; Pierret, Maurice J.; and Pierret, Jean-Marie M., 4,516,734, Cl. 241-283.000.
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- Pierry, Anthony: *See—*
  - Doherty, Richard F.; and Pierry, Anthony, 4,540,000, Cl. 128-696.000.
- Pierschbacher, Michael D.: *See—*
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- Piersol, Jay L.: *See—*
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- Pierson, Charles W., to Eastman Kodak Company. Device for determining ionic analyte activity. 4,556,474, 12-3-85, Cl. 204-416.000.
- Pierson, Henri G. W. Horizontal vacuum belt filter. 4,495,070, 1-22-85, Cl. 210-139.000.
- Pierson, Jeanne: *See—*
  - Gordon, Lucas S.; and Pierson, Jeanne, 4,493,705, Cl. 604-122.000.
- Piesch, Ernst: *See—*
  - Burgkhart, Bertram; Hassib, Gabor; and Piesch, Ernst, 4,492,872, Cl. 250-484.100.
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  - Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, 4,535,031, Cl. 428-481.000.
  - Engelhardt, Friedrich; Piesch, Steffen; Balzar, Juliane; and Dawson, Jeffery C., 4,499,232, Cl. 524-548.000.
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- Piesik, Edward T., to General Dynamics, Pomona Division. Protection device for rocket launcher rail. 4,545,284, 10-8-85, Cl. 89-1.819.
- Pieslak, George; and Wallace, Barnie A., Jr., to Raychem Corporation. Patch closure system. 4,533,419, 8-6-85, Cl. 156-85.000.
- Pieters, Ferdinandus A., to Micropump Corporation. Grooved gear pump. 4,493,625, 1-15-85, Cl. 418-126.000.
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- Pietila, Kenneth A.: *See—*
  - Erickson, Paul R.; and Pietila, Kenneth A., 4,544,490, Cl. 210-713.000.
- Pietrasanta, Yves: *See—*
  - Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, 4,518,794, Cl. 560-192.000.
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  - Battais, Alain; Boutevin, Bernard J. L.; and Pietrasanta, Yves J. D., 4,499,022, Cl. 260-429.700.
- Pietraszek, Mitchell E.; and Rutledge, Myron J. Arrow rests used in archery. 4,548,189, 10-22-85, Cl. 124-41.00A.
- Pietrelli, Giuseppe. Motor vehicle body repair bench. 4,557,127, 12-10-85, Cl. 72-34.000.
- Pietrini, Viktor: *See—*
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- Pietro Laverda S.p.A.: *See—*
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- Pietrowski, Kenneth W.: *See—*
  - Fletcher, Gerald M.; Jacobs, Robert M.; and Pietrowski, Kenneth W., 4,533,230, Cl. 355-3.0CH.
- Pietruska, Joachim: *See—*
  - Massengeil, Hans A.; Overmeer, Robert; Pietruska, Joachim; and Caufriez, Jean J., 4,540,166, Cl. 271-3.100.
- Pietryka, Joseph, to Fives-Cail Babcock. Replacement apparatus for guide roll segment in a curved guide rack of a continuous casting installation. 4,524,818, 6-25-85, Cl. 164-448.000.
- Pietsch, David S.: *See—*
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- Pietsch, Gunter: *See—*
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- Pietsch, Harry: *See—*
  - Rauthmann, Axel; and Pietsch, Harry, 4,533,169, Cl. 296-37.200.
- Piety, Kenneth R.: *See—*
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- Pietzarka, Wilhelm F.; Malten, Albrecht; and Strauss, Georg, to Hoechst Aktiengesellschaft. Process for cooling and comminuting molten calcium carbide. 4,508,666, 4-2-85, Cl. 264-12.000.
- Pietzsch, Ludwig; Kauer, Harald; Duren, Johannes; and Kuhn, Hugo, to IBP Pietzsch GmbH. Device for positioning and position stabilizing. 4,523,487, 6-18-85, Cl. 74-378.000.
- Piezo Electric Products, Inc.: *See—*
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  - Kolm, Henry H.; and Kolm, Eric A., 4,498,851, Cl. 417-322.000.
  - Kolm, Henry H.; and Kolm, Eric A., 4,508,994, Cl. 315-200.00R.
- Piezoelectric Technology Investors, Limited: *See—*
  - Juptner, William F.; Macy, David F.; and Staudte, Juergen H., 4,538,461, Cl. 73-505.000.
  - Staudte, Juergen H., 4,524,619, Cl. 73-505.000.
- Pifferi, Giorgio: *See—*
  - Clavenna, Gaetano; Farina, Carlo; Pinza, Mario; and Pifferi, Giorgio, 4,530,934, Cl. 514-548.000.
- Pigeon, Michel; and Saglio, Robert, to Commissariat a l'Energie Atomique. Device for positioning a member facing each of the perforations of a perforated plate in accordance with a given grid. 4,521,150, 6-4-85, Cl. 414-749.000.
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- Pigeroulet, Jean: *See—*
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- Pigneul, Raymond, to Beghin-Say S.A. Sanitary articles to absorb body liquids. 4,496,359, 1-29-85, Cl. 604-387.000.
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- Piippo, Esa: *See—*
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- Pijaszek, Robert F.: *See—*
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- Pijl, Paul: *See—*
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- Pikarski, Michael; Gabe, Julian; and Dykman, Edmund, to Agan Chemical Manufacturers, Ltd. Method for removal of nitrosoamine impurities from herbicides. 4,537,992, 8-27-85, Cl. 564-437.000.
- Pike, Andrew J.: *See—*
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- Pike, Edward R.: *See—*
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- Pike, Jesse L.; and Jennings, Bobby D. Trotline storing and dispensing arrangement. 4,525,949, 7-2-85, Cl. 43-57.300.
- Pike, John E.: *See—*
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- Pike, Kelly, to American Hospital Supply Corporation. Transducer assembly including a disposable dome. 4,539,849, 9-10-85, Cl. 73-715.000.
- Pike, Lawrence W.; Zscheile, John W., Jr.; and Spencer, Billie M., to Sperry Corporation. Quasi coherent two-way ranging apparatus. 4,513,285, 4-23-85, Cl. 343-5.0PN.
- Pike, Martin M.: *See—*
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- Pike, Myron T.: *See—*
  - Clark, Henry B., III; and Pike, Myron T., 4,557,837, Cl. 252-8.55C.
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- Pike, Winthrop S., to RCA Corporation. Diode simulator circuit. 4,500,798, 2-19-85, Cl. 307-317.00R.
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  - Jose, David L.; Pike, Winthrop S.; and Craft, Jack, 4,523,105, Cl. 307-261.000.
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  - Sommer, Karl H.; Sonntag, Alois; and Pikorz, Wolfgang, 4,500,901, Cl. 357-38.000.
- Pikula, Robert D.: *See—*
  - Saxby, Willard A.; and Pikula, Robert D., 4,524,877, Cl. 215-228.000.
- Pilache, Michel: *See—*
  - Filderman, Rene; and Pilache, Michel, 4,525,159, Cl. 474-201.000.
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- Pilarski, Regis V., to General Motors Corporation. Belt clamping guide loop. 4,549,769, 10-29-85, Cl. 297-483.000.
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  - Rogers, Lloyd W., Jr.; Pilarski, Regis V.; and Blake, Thomas B., 4,540,137, Cl. 242-107.600.
- Pilat, Boris V.: *See—*
  - Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.
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  H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.
Pilati, Luciano: *See—*
  Belforte, Piero; Bondonno, Mario; Bostica, Bruno; and Pilati, Luciano, 4,543,653, Cl. 370-66.000.
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Pilczuk, Eugene A. Musical instrument. 4,559,859, 12-24-85, Cl. 84-394.000.
Pile, Donald L. Apparatus for balancing skeletal alignment. 4,492,236, 1-8-85, Cl. 128-781.000.
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Pilgram, Kurt H.; and Skiles, Richard D., to Shell Oil Company. Aphicidal 3-(2-alkyl-2,3-dihydrobenzofuran-7-yl)-5-(R,R^1-amino)-1,3,4-oxadiazol-2(3H)-ones. 4,554,283, 11-19-85, Cl. 514-364.000.
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Pilkington Brothers Limited: *See—*
  Evans, Brian, 4,544,395, Cl. 65-60.300.
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  Evason, John, 4,493,723, Cl. 65-114.000.
  Evason, John; Rigby, Malcolm J.; and Ward, Peter, 4,511,384, Cl. 65-114.000.
  Lawrenson, Jack; and Murphy, Kevin M., 4,513,543, Cl. 51-283.00R.
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  Kitchen, Cedric A., 4,538,527, Cl. 109-21.000.
Pillan, Antonio: *See—*
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Piller, Horst; and Kipper, Reinhold, to Carl-Zeiss-Stiftung. Illuminating device for microscopes. 4,505,555, 3-19-85, Cl. 350-527.000.
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Pillis, Joseph W., to Frick Company. Variable liquid refrigerant injection port locator for screw compressor equipped with automatic variable volume ratio. 4,515,540, 5-7-85, Cl. 418-97.000.
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Pillis, Lewis J.; and Davis, Lois T., to Sybron Corporation. Microorganism capable of degrading phenolics. 4,556,638, 12-3-85, Cl. 435-253.000.
Pillois, Philippe: *See—*
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Pilloud, Bernard, to LGZ Landis & Gyr Zug AG. Receiving arrangements for audio frequency signals. 4,504,705, 3-12-85, Cl. 179-2.510.
Pillsbury Company, The: *See—*
  Atwell, William A., 4,526,801, Cl. 426-128.000.
  Durst, Jack R., 4,511,585, Cl. 426-106.000.
  Huang, Victor T.; Colson, Cynthia A.; Yong, Sam; and Clemmings, John F., 4,542,035, Cl. 426-565.000.
Pillsbury, Dale G., to Standard Oil Company (Indiana). Process for the preparation of zero valent bis-arene transition metal compounds. 4,526,724, 7-2-85, Cl. 556-43.000.
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Pilon, Jean: *See—*
  Chaussy, Jacques; Genicon, Jean-Louis; Mazuer, Jean; Pilon, Jean; and Sulpice, Andre, 4,558,512, Cl. 29-599.000.
Pilon, Terry C., to Sonoco Products Company. Bag construction with mounting tab. 4,529,090, 7-16-85, Cl. 206-554.000.
Pilost, Daniel, to International Business Machines Corporation. Analog-to-digital converter. 4,553,128, 11-12-85, Cl. 340-347.0AD.
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  Kito, Tutomu; Nakasuji, Norikazu; Kataoka, Takashi; Inagaki, Hiroshi; and Shibahashi, Yutaka, 4,554,565, Cl. 346-201.000.
  Sakai, Kenji, 4,533,272, Cl. 401-107.000.
  Tanaka, Isao; and Inaba, Takao, 4,496,258, Cl. 401-206.000.
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  Ikeda, Yasuo, 4,520,238, Cl. 179-121.00C.
  Ito, Akio; and Ito, Masao, 4,547,244, Cl. 156-167.000.
  Murata, Yasuzo; and Sato, Hiroshi, 4,536,428, Cl. 428-117.000.
  Oki, Takeo; and Ichikawa, Katsutoshi, 4,560,298, Cl. 401-107.000.
  Sano, Tsunenori; and Kawaguchi, Kazuo, 4,556,336, Cl. 401-199.000.
  Sato, Morio; and Igawa, Tatsuya, 4,550,660, Cl. 101-128.210.
  Watanabe, Hiroshi; Shimamura, Isao; Abe, Masao; and Mizusawa, Masashi, 4,526,671, Cl. 204-37.600.
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Pilpel, Edward D.: *See—*
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Pilzer, Daniel C., to D P Sales, Inc. Carpet sample system. 4,542,827, 9-24-85, Cl. 206-483.000.
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Pimlott, John R., to Dow Chemical Company, The. Flat-plate electrolytic cell. 4,561,959, 12-31-85, Cl. 204-253.000.
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Pinassi, David J.: *See—*
  Glover, Loren J.; Flower, Milton O.; and Pinassi, David J., 4,538,725, Cl. 206-37.000.
Pinault, Frances S., to Atlantic Richfield Company. Process for preparing hydrogen peroxide. 4,547,354, 10-15-85, Cl. 423-587.000.
Pinches, Anthony: *See—*
  Atkinson, Bernard; Black, Geoffrey M.; Pinches, Anthony; and Lewis, Paul J. S., 4,498,985, Cl. 210-151.000.
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  Eckstein, Eugene C.; Block, Norman L.; Kline, Jacob; and Pinchuk, Leonard, 4,527,293, Cl. 623-12.000.
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  Lorenzen, Heinz-Christen; Heitmann, Uwe; Petersen, Kurt-Eckart; and Pinck, Peter, 4,537,206, Cl. 131-281.000.
  Vock, Jurgen; Pinck, Peter; Lange, Norbert; Schmalfeld, Erwin; and Petersen, Kurt-Eckard, 4,500,770, Cl. 219-121.0LK.
Pinckard, R. Neal: *See—*
  Hanahan, Donald J.; and Pinckard, R. Neal, 4,504,474, Cl. 514-78.000.
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Pinckney Molded Plastics, Inc.: *See—*
  Kreeger, Elsmer W.; and Stahl, Edward L., 4,508,237, Cl. 220-6.000.
  Kreeger, Elsmer W., 4,523,681, Cl. 206-507.000.
Pincon, Andrew J. Activated air and ion exchange treatment of water. 4,517,084, 5-14-85, Cl. 210-169.000.
Pincus, Ivo R., to Harrisons & Crosfield. Hydrocyclones. 4,545,899, 10-8-85, Cl. 209-211.000.
Pine, Lloyd A.; and Cull, Neville L., to Exxon Research & Engineering Co. Phosphorus-containing catalyst and catalytic cracking process utilizing the same. 4,498,975, 2-12-85, Cl. 208-114.000.
Pine, Lloyd A., to Exxon Research & Engineering Co. Phosphorus-containing catalyst and catalytic cracking process utilizing the same. 4,504,382, 3-12-85, Cl. 208-114.000.
Pine, R. Davis, to General Electric Company. Three-pad journal bearing. 4,497,587, 2-5-85, Cl. 384-117.000.
Pineau, Jean, to Le Materiel de Voirie. Pick-up sweeper of the type with elevating conveyor with dirt distributing device in the dirt collecting receptacle. 4,516,285, 5-14-85, Cl. 15-84.000.

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- Pineda, Noel R.: *See—*
  - Pita, Frank J.; and Pineda, Noel R., 4,529,369, Cl. 425-119.000.
- Pinede, Edouard; Faublas, Serge; and Stevens, Peter F., to PKS/Communications, Inc. Key telephone system. 4,554,413, 11-19-85, Cl. 179-99.00M.
- Pinede, Edourd; and Seidel, William J., to PKS/Communications, Inc. Convertible desk to wall mounted telephone set. 4,515,998, 5-7-85, Cl. 179-146.00R.
- Pinel, Anne-Marie: *See—*
  - Dussourd d'Hinterland, Lucien; Normier, Gerard; and Pinel, Anne-Marie, 4,501,693, Cl. 260-112.00R.
- Pinelli, Tazio; and Sebastiano, Francesco, to Societa Italiana Vetro-SIV-S.p.A. Prismatic refractor for concentrating solar energy on a suitable collecting surface, of fixed position with respect to time. 4,514,040, 4-30-85, Cl. 350-286.000.
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- Pines, Arthur N.; and Sabia, Angelo J., to Union Carbide Corporation. Elastomeric silicone finishes applied to substrates and method of preparing same. 4,504,549, 3-12-85, Cl. 428-447.000.
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  - Harris, Timothy S.; and Harrod, Lawrence R., 4,558,263, Cl. 318-139.000.
  - Harrod, Lawrence R.; and Perego, Lucio C., 4,555,451, Cl. 429-1.000.
- Pinet, Philippe: *See—*
  - Curinier, Jean; and Pinet, Philippe, 4,510,657, Cl. 28-100.000.
- Pinger, Egon; and Stapelmann, Jan W., to Staco Stapelmann GmbH. Method of manufacturing gratings and apparatus for carrying out the method. 4,539,457, 9-3-85, Cl. 219-58.000.
- Pingry, Larry J.: *See—*
  - Rieke, David M.; and Pingry, Larry J., 4,541,570, Cl. 239-676.000.
- Pinheiro, Edwin J., to International Business Machines Corporation. Lookahead I/O device control subsystem. 4,517,641, 5-14-85, Cl. 364-200.000.
- Pink, Frederick C., to Component Marking Systems, Inc. Conveyor belt apparatus. 4,494,456, 1-22-85, Cl. 101-35.000.
- Pink, John J.; Prunty, Jeffrey L.; and Alba, Donald, to Amana Refrigeration, Inc. Crisper humidity control. 4,557,118, 12-10-85, Cl. 62-382.000.
- Pinkel, Edward B.: *See—*
  - Moore, James G.; Obey, James H.; and Pinkel, Edward B., 4,511,431, Cl. 159-47.100.
- Pinkerton, Charles J. Portable oxygen enrichment and concentration system. 4,491,459, 1-1-85, Cl. 55-163.000.
- Pinkerton, Thomas C.; and Hagestam, Helene I., to Purdue Research Foundation. Chromatographic method and means. 4,544,485, 10-1-85, Cl. 210-502.100.
- Pinkerton Tobacco Company, The: *See—*
  - Pittman, Luther B.; Agner, Jennings M.; and Hunt, George F., 4,513,756, Cl. 131-111.000.
- Pinkham, Jesse R., to R. J. Reynolds Tobacco Company. Method and apparatus for producing a multiple-blend cigarette. 4,516,585, 5-14-85, Cl. 131-84.300.
- Pinkham, Thomas A.: *See—*
  - Baker, Anthony C.; and Pinkham, Thomas A., 4,523,054, Cl. 174-45.00R.
- Pinkhasov, Eduard, to Wedtech Corp. Method of coating ceramics and quartz crucibles with material electrically transformed into a vapor phase. 4,505,948, 3-19-85, Cl. 427-37.000.
- Pinkhasov, Eduard, to Wedtech Corp. Method of coating ceramics. 4,537,794, 8-27-85, Cl. 427-37.000.
- Pinkhasov, Eduard, to Wedtech Corp. Silicon melting and evaporation method for high purity applications. 4,548,670, 10-22-85, Cl. 156-617.0SP.
- Pinnell, Sheldon R., to Bio-Specifics N.V. Method for the prevention and treatment of scars with enzymes. 4,524,065, 6-18-85, Cl. 424-94.000.
- Pinnell, Vesta P., Jr.: *See—*
  - Fitzner, Marcel; and Pinnell, Vesta P., Jr., 4,501,201, Cl. 108-27.000.
- Pinnick, Robert V.: *See—*
  - Diederich, Dennis A.; Wiegmann, Thomas B.; and Pinnick, Robert V., 4,500,309, Cl. 604-5.000.
- Pinnington, Arthur J.: *See—*
  - Cooke, Edward I.; Pinnington, Arthur J.; and Smeatham, Charles A., 4,541,979, Cl. 264-174.000.
- Pinnow, Douglas A.; and Miller, Gary E., to Times Fiber Communications, Inc. Information distribution system. 4,491,983, 1-1-85, Cl. 455-612.000.
- Pinnow, Douglas A.: *See—*
  - Abrams, Richard L.; Henderson, David M.; Pinnow, Douglas A.; and Stephens, Ronald R., 4,494,827, Cl. 350-385.000.
- Pino y Torres, Jose L. Vaginal applicator. 4,554,909, 11-26-85, Cl. 128-1.200.
- Pinori, Massimo; and Verdini, Antonio S., to E.N.I. Ente Nazionale Idrocarburi. Retro-inverso analog of the (5–14) decapeptide of equine angiotensinogen, as a specific renin inhibitor with high resistance to enzymatic hydrolysis. 4,560,505, 12-24-85, Cl. 260-112.50R.
- Pinov, Akhsarbek B.: *See—*
  - Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V., 4,491,683, Cl. 136-259.000.
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- Pinsky, Michael L.: *See—*
  - Copenhafer, William C.; and Pinsky, Michael L., 4,519,806, Cl. 23-302.00T.
- Pinsky, Naum: *See—*
  - Venkatesan, Srinivasan; Pinsky, Naum; and Sapru, Krishna, 4,544,461, Cl. 204-128.000.
- Pinson, George T., to Boeing Company, The. High torque digital stepping motor and control. 4,498,032, 2-5-85, Cl. 318-37.000.
- Pinson, George T., to Boeing Company, The. Digital fluid stepping motor. 4,503,751, 3-12-85, Cl. 91-36.000.
- Pinson, George T., to Boeing Company, The. Multiple annulus energy storage system. 4,509,006, 4-2-85, Cl. 322-4.000.
- Pinson, George T., to Boeing Company, The. Target seeker used in a pointer and tracking assembly. 4,521,782, 6-4-85, Cl. 343-765.000.
- Pinson, George T., to Boeing Company, The. Active vibration isolator. 4,531,699, 7-30-85, Cl. 248-550.000.
- Pinson, George T., to Boeing Company, The. Relating cellular energy generating and storage device. 4,546,264, 10-8-85, Cl. 290-54.000.
- Pinson, George T., to Boeing Company, The. Naval harrassment missile. 4,553,718, 11-19-85, Cl. 244-3.150.
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  - Alt, Richard C.; and Pinter, Joseph, 4,510,862, Cl. 101-93.140.
- Pinter, Reinhard; Petschauer, Franz; and Sbaschnigg, Johann, to Maschinenfabrik Andritz Aktiengesellschaft. Dehydration machine for pulp, sludges or similar fibrous materials. 4,544,447, 10-1-85, Cl. 162-300.000.
- Pinter, Warren H.: *See—*
  - Smith, Dale E.; and Pinter, Warren H., 4,529,139, Cl. 242-7.020.
- Pinter, Zoltan: *See—*
  - Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.
- Pinto, Akiva. Fiber feeding apparatus with a pivoted air exhaust wall portion. 4,520,530, 6-4-85, Cl. 19-105.000.
- Pinto, Akiva: *See—*
  - Keller, Alex J.; and Pinto, Akiva, 4,507,826, Cl. 19-80.00R.
  - Keller, Alex J.; and Pinto, Akiva, 4,510,647, Cl. 19-105.000.
- Pinto, Georges, to Creusot-Loire. Suspension and coupling device between a bogie frame and an axle box. 4,527,487, 7-9-85, Cl. 105-223.000.
- Pinto, John G.: *See—*
  - Campbell, Nancy L.; Pinto, John G.; Drewe, John A.; Hayes, Patrick D.; and Nelson Robert A., 4,503,307, Cl. 219-10.55E.
- Pinto, Joseph G., to Sherwin-Williams Company, The. Adjustable scraper tool. 4,517,700, 5-21-85, Cl. 15-105.000.
- Pinto, Patrick A.: *See—*
  - Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., 4,503,064, Cl. 514-210.000.
  - Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., 4,530,793, Cl. 260-245.20R.
- Pinto, Ralph C.: *See—*
  - Walton, Robert N.; and Pinto, Ralph C., 4,491,308, Cl. 269-70.000.
- Pinza, Mario: *See—*
  - Clavenna, Gaetano; Farina, Carlo; Pinza, Mario; and Pifferi, Giorgio, 4,530,934, Cl. 514-548.000.
- Pioger, Michel: *See—*
  - Prioux, Jean-Jacques; Meleard, Roger; Pioger, Michel; and Lasvaladas, Jean-Jacques, 4,499,343, Cl. 200-5.00A.
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  - Schmerda, Joseph M.; and Piojda, Clarence F., 4,540,223, Cl. 339-3.00S.
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  - Aizawa, Koki; and Haeno, Akira, 4,551,642, Cl. 307-552.000.
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  - Banno, Tsutomu; Hayashi, Michiaki; and Senso, Hitoshi, 4,549,120, Cl. 318-254.000.
  - Funabashi, Tadashi, 4,561,085, Cl. 369-77.100.
  - Hasegawa, Tsunao, 4,553,180, Cl. 360-74.400.
  - Hashimoto, Takashi, 4,553,204, Cl. 364-200.000.
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  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,539,662, Cl. 369-13.000.
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  - Ikedo, Yuji; Abe, Kunio; and Saito, Masatsugu, 4,507,768, Cl. 369-77.100.

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Ishibashi, Masaya; and Tada, Atuki, 4,538,253, Cl. 369-34.000.
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Ishida, Kohji; Noguchi, Tadashi; and Numata, Tatsuo, 4,497,063, Cl. 381-7.000.
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Kamimura, Teturo; Komatsubara, Masahiro; Ando, Shizuo; and Inanaga, Takugi, 4,536,811, Cl. 360-96.600.
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Nakayama, Kazuaki, 4,521,740, Cl. 330-267.000.
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Watanabe, Kazuo; Ohkubo, Yuichi; Haeno, Akira; and Yokogawa, Fumihiko, 4,520,282, Cl. 307-491.000.
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- Yamaguchi, Tadahiro; and Naito, Ryuichi, 4,535,306, Cl. 331-23.000.
- Yanagawa, Hirofumi, 4,509,184, Cl. 381-24.000.
- Yokogawa, Fumihiko, 4,513,242, Cl. 323-352.000.
- Yokozeki, Shinichi; Kimura, Masami; and Tsukagoshi, Tsunehiro, 4,518,443, Cl. 148-400.000.
- Yoshida, Kobun, 4,513,336, Cl. 360-105.000.
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- Melillo, Louis; Haga, Tsutomu; and Sashida, Iwao, 4,552,243, Cl. 181-169.000.

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- Barnett, Steve M.; Flowers, Michael A.; and Varos, John A., 4,536,890, Cl. 2-164.000.
- Fogt, Kenneth E.; Slosser, James D.; Varos, John A.; and Radhakrishnan, Gopinath, 4,526,828, Cl. 428-229.000.

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- Dgetluck, John, 4,492,350, Cl. 242-118.400.

Pioneer Photo Albums, Inc.: *See*—
- Plutsky, Sheldon, 4,514,919, Cl. 40-159.000.

Pioneer Plastics, Inc.: *See*—
- Blease, Wilfred J., 4,496,068, Cl. 220-4.00D.

Pioneer Research, Inc.: *See*—
- Berger, James K., 4,531,167, Cl. 360-77.000.

Pioneer Screw & Nut Co.: *See*—
- Schaumburg, Theodore R., 4,557,125, Cl. 72-12.000.

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- Isobe, Teruhiko, 4,546,461, Cl. 369-50.000.
- Kanamaru, Hitoshi, 4,491,877, Cl. 358-336.000.
- Katsuyama, Hitoshi, 4,555,679, Cl. 331-17.000.
- Kumasaka, Osamu; and Touma, Teruo, 4,554,655, Cl. 369-275.000.
- Kuroda, Kazuo, 4,509,078, Cl. 358-160.000.
- Nakamuta, Shozo, 4,550,347, Cl. 358-338.000.
- Nomura, Susumu; and Sato, Katsuharu, 4,513,408, Cl. 369-46.000.
- Okano, Takashi, 4,506,313, Cl. 358-320.000.
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- Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.
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- Schmid, Karl H.; Rommerskirchen, Hans J.; Reuter, Herbert; Seiter, Wolfgang; and Piorr, Robert, 4,495,092, Cl. 252-559.000.

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- Parcevaux, Philippe A.; Piot, Bernard M.; and Vercaemer, Claude J., 4,537,918, Cl. 523-130.000.

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- Brule, Gerard; Roger, Loic; Fauquant, Jacques; and Piot, Michel, 4,495,176, Cl. 424-128.000.

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- Gomes, John M.; and Piotroski, Peter N., 4,497,040, Cl. 364-900.000.
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- Kuhn, Michael H.; Piotrowski, Herbert; and Geppert, Rudolf, 4,543,537, Cl. 330-129.000.

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- Pipa, William: *See—*
  - Turbowitz, Leslie; and Pipa, William, 4,540,376, Cl. 446-164.000.
- Pipa, William J.; and Turbowitz, Leslie D., to Azrak-Hamway International, Inc. Toy vehicle with an automatic transmission. 4,545,451, 10-8-85, Cl. 180-70.100.
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  - Rogers, Elmer V., Jr., 4,535,822, Cl. 138-99.000.
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  - McClellan, William F., 4,530,478, Cl. 248-62.000.
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- Piper, Douglas E., to Woven Electronics Corporation. Woven controlled balanced transmission line. 4,527,135, 7-2-85, Cl. 333-5.000.
- Piper, Douglas E. Unitary woven jacket and electrical transmission cable and method for production. 4,559,411, 12-17-85, Cl. 174-117.00M.
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  - Day, Frederic F.; Powers, William J., III; Ewen, Eric D.; and Piper, Gerald L., 4,548,754, Cl. 260-410.90R.
- Piper Industries, Inc.: *See—*
  - Sousek, Eugene A., 4,531,351, Cl. 56-98.000.
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  - Box, Theodor M., 4,548,320, Cl. 206-509.000.
- Piper, Louis H., to Infilco Degremont Inc. Open gravity backwash filter and method. 4,537,687, 8-27-85, Cl. 210-793.000.
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- Pipes, George R., to Eaton Corporation. Material handling vehicle. 4,496,274, 1-29-85, Cl. 414-340.000.
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  - Phaal, Cornelius; Pipkin, Noel J.; and Burnand, Richard P., 4,534,773, Cl. 51-293.000.
- Pipon, Yves: *See—*
  - Cousin, Maurice; Pipon, Yves; Droulon, Georges; and Lebrun, Jean, 4,518,182, Cl. 292-201.000.
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- Piquin, Jean-Claude, to Defontaine S.A. Drainage unit for aircraft sanitation systems. 4,534,082, 8-13-85, Cl. 15-315.000.
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  - Lyon, David L.; Huettner, Robert E.; Holsinger, Jerry L.; Falkenstein, Don I.; Piracha, Imtiaz; and Ching, Dennis T., 4,545,011, Cl. 364-200.000.
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  - Olsen, Willi; Padderatz, Heinz; Palm, Joachim; and Pircher, Christian, 4,514,783, Cl. 361-336.000.
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- Pirdzun, Jorg: *See—*
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  - Frederick, John C., 4,533,306, Cl. 425-71.000.
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  - Santostasi, Paul A.; Dutt, Herbert V.; and Pirkau, Arno F., 4,534,480, Cl. 215-252.000.
- Pirker, Robert: *See—*
  - Augustin, Hubert; and Pirker, Robert, 4,514,235, Cl. 148-37.000.
- Pirkey, Robert J.; and Ditter, Stephen D., to Tecumseh Products Company. Override speed control. 4,517,942, 5-21-85, Cl. 123-376.000.
- Pirkle, James C.: *See—*
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- Pirri, Jaquelyn P.: *See—*
  - Hostettler, Fritz, 4,559,366, Cl. 521-51.000.
- Pirrie, Colin A.: *See—*
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- Pirtle, James D.: *See—*
  - Black, Donald; and Pirtle, James D., 4,531,115, Cl. 340-539.000.
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- Piruzian, Lev A.: *See—*
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- Pirzer, Carl: *See—*
  - Jorss, Norbert, 4,557,301, Cl. 141-5.000.
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  - Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.
- Pisano, Alan D., to General Electric Company. Isochronous gas turbine speed control. 4,532,763, 8-6-85, Cl. 60-39.281.
- Pisano, Michael A.: *See—*
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- Pisarski, Lech: *See—*
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- Pittaway, James W., to Unisen, Inc. Electronic control circuit for bi-directional motion. 4,544,869, 10-1-85, Cl. 318-293.000.
- Pittenger, Francis H., to Peabody International Corp. Front end loader. 4,547,118, 10-15-85, Cl. 414-408.000.
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  - Smerbeck, Richard V.; and Pittz, Eugene P., 4,530,844, Cl. 514-458.000.
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- Piurek, Walter J., to Atlantic Richfield Company. Automatic solder machine. 4,534,502, 8-13-85, Cl. 228-102.000.
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  - Whiteside, George D.; Keith, Laura E.; and Pizzuti, Donato F., 4,527,888, Cl. 354-400.000.
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  - Eckenhoff, James B.; Place, Virgil A.; and Peery, John R., 4,539,004, Cl. 604-131.000.
- Plachy, Joseph. Pen gun. 4,490,935, 1-1-85, Cl. 42-1.00J.

- Placke, Dale L.: *See—*
  - Granzow, Robert H.; and Placke, Dale L., 4,529,118, Cl. 232-43.300.
  - Granzow, Robert H.; and Placke, Dale L., 4,529,119, Cl. 232-43.300.
  - Nagy, Charles S.; Placke, Dale L.; Gross, Jack R.; and Granzow, Robert H., 4,552,350, Cl. 271-3.000.
- Placzek, Terrance M.: *See—*
  - King, Donald W.; and Placzek, Terrance M., 4,503,079, Cl. 426-54.000.
- Plaige, Yves, to Commissariat a l'Energie Atomique; Framatome & Cie; and Merlin Gerin. Logic safety system. 4,562,035, 12-31-85, Cl. 376-215.000.
- Plainer, Hermann: *See—*
  - Kramer, Dieter; Pennewiss, Horst; Plainer, Hermann; Schnee, Reiner; and Schleier, Waldemar, 4,511,694, Cl. 525-54.100
- Plamann, Richard C.: *See—*
  - Stecker, Earl M.; and Plamann, Richard C., 4,502,617, Cl. 222-385.000.
- Plambeck, Eric D.: *See—*
  - Kompanek, Harry W.; Ligman, James R.; and Plambeck, Eric D., 4,512,402, Cl. 166-249.000.
- Plamper, Gunter F.: *See—*
  - Lorello, Mark M.; and Plamper, Gunter F., 4,560,046, Cl. 192-11.000.
- Plan Hold Corporation: *See—*
  - Johnson, Sigurd A.; Avella, Frank S.; and Jones, Robert I., 4,508,305, Cl. 208-455.000.
  - Matthews, Charles, 4,494,177, Cl. 362-402.000.
- Planatolwerk Willy Hesselmann, Chemische und Maschinenfabrik fur Klebetechnik GmbH & Co. KG: *See—*
  - Steiner, Erich; and Hesselmann, Theo, 4,502,912, Cl. 156-548.000.
- Planck, Heinrich; and Joas, Wolfgang, to Institute fur Textilund Faserforschung. Suture thread. 4,546,769, 10-15-85, Cl. 128-335.500.
- Planer, Norman G., to Honeywell Inc. Electronic watthour meter. 4,504,787, 3-12-85, Cl. 324-142.000.
- Planer Products Limited: *See—*
  - Christmas, Michael J., 4,490,982, Cl. 62-3.000.
- Planet Products Corporation: *See—*
  - Griesdorn, Carl P., 4,504,004, Cl. 226-150.000.
  - Wile, George J.; and Griesdorn, Carl P., 4,517,893, Cl. 101-123.000.
- Planeta, Mirek. Collapsing frame for moving tubes of plastic material. 4,533,309, 8-6-85, Cl. 425-326.100.
- Plank, Vernon G.; Matthews, Anthony J.; Berthel, Robert O.; and LaGross, Dennis L., to United States of America, Air Force. Snow scale/rate meter. 4,499,761, 2-19-85, Cl. 73-170.00R.
- Plank, Vernon G.: *See—*
  - Berthel, Robert O.; Plank, Vernon G.; Jones, Stephen H.; and Matthews, Anthony J., 4,514,758, Cl. 358-93.000.
  - Berthel, Robert O.; Plank, Vernon G.; and LaGross, Dennis L., 4,561,018, Cl. 358-107.000.
- Plankenhorn, Daniel J., to Westinghouse Electric Corp. Robotic laser beam delivery apparatus. 4,539,462, 9-3-85, Cl. 219-121.0LV.
- Planmobel Eggersmann GmbH & Co. KG: *See—*
  - Votteler, Arno; Lanuzzi, Max; Dubach, Fredi; and Schreiner, Herbert, 4,553,483, Cl. 108-4.000.
- Planning Research Corporation: *See—*
  - Walter, Gerard O.; and Sheppard, William D., 4,513,390, Cl. 364-900.000.
  - Welsh, James W., 4,538,675, Cl. 165-80.00C.
  - Welsh, James W., 4,542,784, Cl. 165-80.00B.
- Plannja AB: *See—*
  - Gustafsson, Erik, 4,499,700, Cl. 52-478.000.
- Plante, Arcade J.; and Wetzel, Richard F., to Bethlehem Steel Corporation. Automatic nondestructive roll defect inspection system. 4,495,587, 1-22-85, Cl. 364-507.000.
- Plante, Jean-Paul. Hand truck. 4,512,591, 4-23-85, Cl. 280-47.350.
- Plante, Stuart E.; and Hess, Susan V., to Amchem Products, Inc. Method for removing sealant contamination. 4,517,025, 5-14-85, Cl. 134-38.000.
- Plantronics, Inc.: *See—*
  - Silverglate, David E., 4,534,614, Cl. 350-1.400.
  - Sotelo, James M.; and Porozoff, Peter J., 4,543,665, Cl. 455-606.000.
  - Wilson, Donald R., 4,536,888, Cl. 381-106.000.
- Plantureux, Alain, to Chancel, Jean-Louis. Setting for a precious stone and a method of mounting the stone in the setting. 4,543,698, 10-1-85, Cl. 29-10.000.
- Plapp, Charles D.; and Choc, Anton, to Dimple Tie Co., Inc. Necktie clincher. 4,542,537, 9-24-85, Cl. 2-148.000.
- Plaquin, Bernard, to Vallourec. Method and apparatus for ensuring correct thread make-up of a pipejoint. 4,515,020, 5-7-85, Cl. 73-761.000.
- Plas, Jean J. R.: *See—*
  - Puttemanns, Louis; and Plas, Jean J. R., 4,521,836, Cl. 362-145.000.
- Plaschka, Emil; Pauls, Mathias; and Niggli, Guido, to Polypag A.G. Pressure can for application of mounting foams, in particular, single-component polyurethane foams. 4,508,244, 4-2-85, Cl. 222-153.000.
- Plaschkes, Arnon: *See—*
  - Bukkems, Franciscus H. J.; Plaschkes, Arnon; Buurman, Cornelis; and Broere, Anton M. P., 4,494,413, Cl. 73-863.430.
- Plascoat U.K. Limited: *See—*
  - Horner, David J.; Robertson, Robert B.; and Searle, Kenneth G., 4,529,009, Cl. 138-111.000.
- Plasencia, Armand J.; Tusso, Robert J.; and Gilson, Alan P., to Skantek Corporation. Automatic data capture system with special document handling prior to normal scanning. 4,558,373, 12-10-85, Cl. 358-285.000.
- Plasko, Rudolph J.: *See—*
  - Bisacquino, Lenora A.; Dienes, Larry E.; and Plasko, Rudolph J., 4,528,590, Cl. 338-153.000.
- Plasma Energy Corporation: *See—*
  - Camacho, Salvador L.; and Camacho, David P., 4,559,439, Cl. 219-121.0PM.
- Plasschaert, Paul E.; Landheer, Dolf; and Cobb, Harold W. Corona device. 4,514,781, 4-30-85, Cl. 361-230.000.
- Plasse, Paul A., to Polaroid Corporation. Laminar batteries and methods of making the same. 4,539,275, 9-3-85, Cl. 429-152.000.
- Plasson Maagan Michael Industries Ltd.: *See—*
  - Kantor, Itzhak, 4,508,374, Cl. 285-319.000.
- Plastech International, Inc.: *See—*
  - Daloisio, Pasquale C., 4,511,154, Cl. 280-47.260.
- Plasti-fab, Inc.: *See—*
  - Vitas, John K.; and Reed, Harry J., 4,524,950, Cl. 251-326.000.
- Plastic Profiles, Inc.: *See—*
  - Hoffman, Michael K., 4,551,881, Cl. 16-199.000.
- Plastic Specialties, Inc.: *See—*
  - Phipps, Cornelius M.; and Phipps, Cornelius M., Jr., 4,494,387, Cl. 66-117.000.
- Plastic Specialties and Technologies, Inc.: *See—*
  - Dieckmann, Dale J.; and Fletcher, Charles W., 4,517,115, Cl. 252-400.00R.
  - Elias, Moenes L.; and Burger, Walter L., 4,522,683, Cl. 156-666.000.
  - Elias, Moenes L.; and Burger, Walter L., 4,525,240, Cl. 156-659.100.
  - Gaylord, Norman G., 4,543,401, Cl. 526-204.000.
  - Gerteisen, Steven R.; Wenger, Richard M., and Cannavo, Glenn M., 4,500,595, Cl. 428-294.000.
  - Nangrani, Khemchand J., 4,537,929, Cl. 524-504.000.
- Plastic Systems, Inc.: *See—*
  - Cohen, Lenard; and Gordon, Michael E., 4,551,783, Cl. 361-223.000.
- Plastican, Inc.: *See—*
  - Blanchette, Henry J., 4,518,143, Cl. 249-142.000.
- Plastics Engineering Company: *See—*
  - D'Alelio, Gaetano F., deceased, 4,517,354, Cl. 528-172.000.
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  - Korb, Louis L.; and Waitkus, Phillip A., 4,526,924, Cl. 524-541.000.
  - Korb, Louis L.; and Waitkus, Phillip A., 4,550,015, Cl. 423-445.000.
  - Lee, Chung J., 4,558,085, Cl. 524-299.000.
- Plastics, Inc.: *See—*
  - Colato, Albert E.; and Pomroy, James F., 4,539,455, Cl. 219-10.55E.
- Plastics Industries, Inc.: *See—*
  - Giltnane, Robert, 4,549,711, Cl. 248-188.000.
- Plastik-Maschinenbau GmbH & Co., KG: *See—*
  - Geng, Hans, 4,535,940, Cl. 241-3.000.
- PLASTIVER S.a.s. di Giovanni e Vittorio VIGANO & C.: *See—*
  - Vigano, Giovanni, 4,512,945, Cl. 264-263.000.
- Plastofilm Industries, Inc.: *See—*
  - Cusmano, James A., 4,531,637, Cl. 206-461.000.
  - Harding, LeRoy A., 4,512,474, Cl. 206-461.000.
  - Perchak, William C.; and Foos, Douglas E., 4,505,404, Cl. 220-339.000.
  - Perchak, William C., 4,519,500, Cl. 206-312.000.
  - Simmons, Richard J., 4,550,837, Cl. 211-126.000.
- Plasworld, Inc.: *See—*
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- Plasynski, Joseph E.: *See—*
  - Christenson, Roger M.; Valko, Joseph T.; Plasynski, Joseph E.; and Scriven, Roger L., 4,560,717, Cl. 523-456.000.
- Plate, John R., to Allis-Chalmers Corporation. Electrohydraulic power shift transmission system. 4,513,850, 4-30-85, Cl. 192-3.580.
- Plateau Products Corporation: *See—*
  - Chezem, Jimmie A.; and Burks, Gary E., 4,514,000, Cl. 292-338.000.
- Platek, Gary F.; and Krug, Geoffrey P., to Eltech Systems Corporation. Reticulate electrode and cell for recovery of metal ions. 4,515,672, 5-7-85, Cl. 204-269.000.
- Platek, Stanley W.; Desautels, S. Jerry; and Szczypiorski, Wojtek, to Hazelett Strip-Casting Corporation. Refractory coating of edge-dam blocks for the purpose of preventing longitudinal bands of sinkage in the product of a continuous casting machine. 4,545,423, 10-8-85, Cl. 164-481.000.
- Platel, Alain Y.; Lacour, Alain P.; and Bourgery, Guy R., to Delalande S.A. Therapeutical use of (1-cinnamoyl or 1-phenethylcarbonyl) piperazine derivatives. 4,500,531, 2-19-85, Cl. 514-255.000.
- Plater, Robert J., to TSE International. Hydraulic drive system for cable stringing apparatus. 4,508,281, 4-2-85, Cl. 242-54.00R.
- Platet, Bernard: *See—*
  - Calvet, Pierre; and Platet, Bernard, 4,500,214, Cl. 374-36.000.

- Plath, Ernst-Dieter; and Klinger, Dieter, to Sipra Patententwicklungs- und Beteiligungsgesellschaft mbH. Circular knitting machine for producing one-face plush webs. 4,535,608, 8-20-85, Cl. 66-9.00R.
- Plath, Jurgen: *See—*
  - Luhrsen, Ernst; Pohl, Siegfried; and Plath, Jurgen, 4,508,324, Cl. 266-236.000.
- Plath, Peter; Rohr, Wolfgang; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Herbicides containing 3-aryl-5-methylpyrazole-4-carboxylic acid esters, their manufacture and use. 4,496,391, 1-29-85, Cl. 71-92.000.
- Plath, Peter; Rohr, Wolfgang; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Herbicides containing-3-aryl-5-methylpyrazole-4-carboxylic acid esters, their manufacture and use. 4,505,741, 3-19-85, Cl. 71-92.000.
- Plath, Peter; Rohr, Wolfgang; Schwendemann, Volker; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Heterocyclic dihaloacetamides, and herbicides which contain acetanilides as herbicidal active ingredients and the dihaloacetamides as antagonistic agents. 4,521,604, 6-4-85, Cl. 548-301.000.
- Plath, Peter; Eicken, Karl; Sauter, Hubert; and Wuerzer, Bruno, to BASF Aktiengesellschaft. 3-phenyl-4-methoxycarbonylpyrazoles and their use for controlling undesirable plant growth. 4,537,617, 8-27-85, Cl. 71-92.000.
- Plath, Peter: *See—*
  - Schirmer, Ulrich; Plath, Peter; and Wuerzer, Bruno, 4,518,414, Cl. 71-90.000.
- Platt, Clark I., to Whirlpool Corporation. Vacuum cleaning apparatus. 4,499,628, 2-19-85, Cl. 15-419.000.
- Platt, Herbert; and Stracher, Alfred, to Genetic Diagnostics Corporation. Promoting animal and plant growth with leupeptin. 4,510,130, 4-9-85, Cl. 514-2.000.
- Platt, Herbert: *See—*
  - Deutsch, Alice; and Platt, Herbert, 4,522,923, Cl. 436-536.000.
- Platt, James L., Jr.; and Ellis, John R. B., to Chevron Research Company. Removing water from honey at ambient pressure. 4,536,973, 8-27-85, Cl. 34-182.000.
- Platt, Kenneth B.; and Reed, David E., to Iowa State University Research Foundation, Inc. Purified and antigenically selective vaccines for domestic animals. 4,493,825, 1-15-85, Cl. 424-88.000.
- Platt Luggage, Inc.: *See—*
  - March, Joseph E.; and Riley, Thomas E., 4,527,677, Cl. 190-110.000.
  - March, Joseph E., 4,529,069, Cl. 190-114.000.
- Platt Saco Lowell Corporation: *See—*
  - Glazener, Carey A., 4,535,512, Cl. 19-229.000.
- Platt, Stephen A., to S. A. Platt, Inc. Coiling machine. 4,561,278, 12-31-85, Cl. 72-142.000.
- Platt, Steven G.: *See—*
  - Paau, Alan; Platt, Steven G.; and Sequeira, Luis, 4,556,643, Cl. 436-501.000.
- Platter, Helmuth, to Leitner S.p.A. Hydraulically controlled bulldozer-blade. 4,552,226, 11-12-85, Cl. 172-815.000.
- Platter, Sanford; Durand, Charles A.; and Gadsby, Larry R., to Electronic Processors, Inc. Tape cartridge. 4,555,077, 11-26-85, Cl. 242-198.000.
- Plattner, Eric; Staubli, Sebastian; and von Kaenel, Fred, to Ciba-Geigy AG. Process for the production of 2-amino-1-naphthalenesulfonic acid. 4,510,100, 4-9-85, Cl. 260-508.000.
- Plattner, Eric: *See—*
  - Burli, Martin; Bersier, Jacques; Plattner, Eric; and Herrmann, Hans-Ulrich, 4,559,176, Cl. 260-352.000.
- Plattner, Jacob: *See—*
  - Voss, Houston F.; Plattner, Jacob; and Herrin, Thomas R., 4,550,163, Cl. 544-244.000.
- Plattner, Jacob J.: *See—*
  - Parks, James A.; and Plattner, Jacob J., 4,560,558, Cl. 514-379.000.
- Plattsburgh Foundry, Inc.: *See—*
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- Platz, Rolf; Kummer, Rudolf; Schneider, Heinz-Walter; and Schwirten, Kurt, to BASF Aktiengesellschaft. Manufacture of pent-3-enoic acid and its alkyl esters. 4,550,195, 10-29-85, Cl. 560-206.000.
- Platz, Rolf: *See—*
  - Rieber, Norbert; Platz, Rolf; and Jung, Johann, 4,512,795, Cl. 71-88.000.
  - Rieber, Norbert; Bohm, Heinrich; Platz, Rolf; and Fuchs, Werner, 4,562,262, Cl. 548-257.000.
- Platzker, Aryeh: *See—*
  - Tajima, Yusuke; and Platzker, Aryeh, 4,532,484, Cl. 333-116.000.
- Plau, Bernard: *See—*
  - Berger, Christian; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,508,717, Cl. 514-203.000.
  - Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,496,560, Cl. 514-204.000.
  - Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,526,962, Cl. 544-016.000.
  - Le Roy, Pierre; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,554,350, Cl. 544-22.000.
- Plauny, Jeffrey L.: *See—*
  - Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., 4,545,415, Cl. 152-209.00R.
- Plavac, Frank, to Chevron Research Company. Poly(oxyalkylene) aminoether carbamates as deposit control additives. 4,521,610, 6-4-85, Cl. 560-27.000.
- Play, Dominique; Bonneau, Marc; Merieux, Charles; Herbage, Daniel; and Comte, Philippe, to Foundation Merieux; and Centre Technique du Cuir. Process for the industrial preparation of collagenous materials from human placental tissues, human collagenous materials obtained and their application as biomaterials. 4,511,653, 4-16-85, Cl. 435-69.000.
- Playe, Patrice: *See—*
  - Beduchaud, Michel; and Playe, Patrice, 4,514,078, Cl. 355-3.0BE.
- Player, Kenneth W.; and Wilson, Lonny L., to SCM Corporation. Hard butters and compositions made therewith. 4,524,086, 6-18-85, Cl. 426-607.000.
- Plaziaud, Alain, to Novatome. Device for removing cooling fluid, making it possible to locate defective arrays in a nuclear reactor in operation. 4,517,153, 5-14-85, Cl. 376-253.000.
- Pleass, Charles M.: *See—*
  - Hicks, Douglas C.; and Pleass, Charles M., 4,512,886, Cl. 210-170.000.
- Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., to AT&T Bell Laboratories. Method of fabricating high birefringence fibers. 4,529,426, 7-16-85, Cl. 65-3.110.
- Pleibel, William: *See—*
  - Howard, Richard E.; Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,515,436, Cl. 350-96.330.
- Pleickhardt, George C.; and Swick, E. Grant, to Illinois Tool Works Inc. Tube connector. 4,518,293, 5-21-85, Cl. 411-107.000.
- Pleion Corporation: *See—*
  - Gartung, Clifford W., 4,561,229, Cl. 52-239.000.
- Plenty Limited: *See—*
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- Plesa, Laszlo, to Aranykalasz Mgtsz. Cutting tool for manual grafting. 4,531,290, 7-30-85, Cl. 30-178.000.
- Pleschiutschnigg, Fritz-Peter: *See—*
  - Gruner, Hans; Schrewe, Hans; Pleschiutschnigg, Fritz-Peter; and Diederich, Gerd, 4,531,567, Cl. 164-415.000.
- Plesko, George A., to Mars Incorporated. Low power coin routing gate apparatus. 4,534,459, 8-13-85, Cl. 194-1.00D.
- Pless, Janos: *See—*
  - Bauer, Wilfried; and Pless, Janos, 4,496,543, Cl. 514-11.000.
- Plessers, Jacques J.; and Theuwis, Alfons L., to Electro-Nite Co. Sampling device for molten metals. 4,557,152, 12-10-85, Cl. 73-864.550.
- Plessey Company plc, The: *See—*
  - Ansell, John W.; Maddern, Thomas S.; and Philip, Alexander S., 4,530,089, Cl. 370-58.000.
  - Maddern, Thomas S.; Ansell, John W.; and Philip, Alexander S., 4,535,442, Cl. 370-13.000.
- Plessey Incorporated: *See—*
  - Ledgerwood, Harry J., 4,493,447, Cl. 226-150.000.
  - Ledgerwood, Harry J., 4,513,899, Cl. 226-141.000.
  - Ledgerwood, Harry J., 4,538,839, Cl. 285-236.000.
- Plessey Overseas Limited: *See—*
  - Calder, John, 4,540,865, Cl. 200-340.000.
  - Cumberton, John; Foster, Alun E.; Rae, Alexander S.; Fernandes, Vernon J.; and Carter, Michael R., 4,493,082, Cl. 371-43.000.
  - Currall, William J. P., 4,515,314, Cl. 239-466.000.
  - Duncan, William C. W., 4,498,718, Cl. 339-59.00M.
  - Garner, Geoffrey M.; and Salloway, Anthony J., 4,514,596, Cl. 179-84.00T.
  - Goodfellow, Robert C.; and Harding, Malcolm E., 4,542,511, Cl. 372-46.000.
  - Hislop, Thomas H., 4,532,520, Cl. 343-373.000.
  - Marchent, Brian G.; and Foster, Michael R., 4,539,760, Cl. 33-356.000.
  - Marchent, Brian G.; and Foster, Michael R., 4,546,550, Cl. 33-356.000.
  - Prince, Dennis; and Douglas, Eric C., 4,549,710, Cl. 248-183.000.
  - Reid, Douglas C. J.; and Stewart, William J., 4,551,020, Cl. 356-73.100.
  - Rex, Michael P., 4,554,873, Cl. 104-88.000.
  - Rhodes, Stephen J., 4,536,249, Cl. 156-643.000.
  - Rhodes, Stephen J.; and Oakley, Raymond E., 4,536,951, Cl. 29-589.000.
  - Richardson, Christopher K., 4,498,193, Cl. 455-1.000.
  - Silvey, Trevor I.; and Merry, Peter J., 4,528,930, Cl. 114-244.000.
  - Thompson, Norman C.; and Poole, Steven J., 4,495,630, Cl. 377-110.000.
  - Whatmore, Roger W.; and Young, Iain M., 4,523,119, Cl. 310-313.00A.
  - Wood, Robert S., 4,518,331, Cl. 418-132.000.
- Plessis, Andre: *See—*
  - Le Guen, Jacques; Delair, Jacques; and Plessis, Andre, 4,559,640, Cl. 378-113.000.
- Plessner, Karl W.: *See—*
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- Plester, Karl-Heinz; Reddig, Klaus-Dieter; and Hessel, Heinz, to Gewerkschaft Eisenhutte Westfalia. Hydraulic ram. 4,549,469, 10-29-85, Cl. 92-5.00R.
- Plester, Karl Heinz: *See—*
  - Hessel, Heinz; and Plester, Karl Heinz, 4,523,512, Cl. 91-168.000.
- Pletcher, Erwin C. Ring for orthodontic bracket. 4,522,590, 6-11-85, Cl. 433-15.000.
- Pletcher, Erwin C. Orthodontic bracket. 4,559,012, 12-17-85, Cl. 433-10.000.
- Pletka, Hans-Dieter: *See—*
  - Domesle, Rainer; Koberstein, Edgar; Pletka, Hans-Dieter; and Voelker, Herbert, 4,515,758, Cl. 423-213.200.
- Pletsch, Hubert: *See—*
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  - Wolf, Franz-Josef; Pletsch, Hubert; and Benneyan, Gregoire, 4,504,244, Cl. 464-83.000.
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- Plettner, Horst: *See—*
  - Korner, Gerhard; Plettner, Horst; Viering, Walter; and Rees, Volker, 4,511,775, Cl. 200-148.00A.
- Plevey, Raymond G.: *See—*
  - Tatlow, John C.; Plevey, Raymond G.; Wotton, David E. M.; and Sargent, Colin R., 4,562,183, Cl. 514-214.000.
- Plevyak, Jerome B.; and Nicoletti, Adolph E. Computerized card shuffling machine. 4,497,488, 2-5-85, Cl. 273-149.00R.
- Plewan, Otto: *See—*
  - Engelmann, Manfred; Plewan, Otto; Kraus, Helmut; and Klippert, Heinz, 4,546,135, Cl. 524-158.000.
- Plewes, John T.: *See—*
  - Ng, Sau-Lan L.; Plewes, John T.; and Robbins, Murray, 4,518,469, Cl. 204-44.500.
- Plewinsky, Bodo: *See—*
  - Kamps, Rainer; Plewinsky, Bodo; Miehe, Manfred; and Wetz, Klaus, 4,557,718, Cl. 494-37.000.
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  - Greener, Brian H., 4,535,001, Cl. 427-180.000.
- Plice, Gerald W., to Shure Brothers, Inc. Microphone shock-mounting apparatus. 4,514,598, 4-30-85, Cl. 179-146.00R.
- Plichta, Edward J.: *See—*
  - Salomon, Mark; and Plichta, Edward J., 4,560,630, Cl. 429-194.000.
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- Pliefke, Engelbert, to Hoechst Aktiengesellschaft. Electrochemical developing process for reproduction layers. 4,549,944, 10-29-85, Cl. 204-129.100.
- Plies, Erich, to Siemens Aktiengesellschaft. Deflection structure for a corpuscular beam blanking system and method for operating same. 4,507,559, 3-26-85, Cl. 250-396.00R.
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  - McShane, Herbert F., Jr.; Plimmer, Peter N.; and Stewart, Charles W., 4,503,192, Cl. 525-192.000.
- Plischke, LeMoyne W., to Monsanto Company. Batch process for preparing 6TA/6IA copolymers high in 6TA. 4,501,882, 2-26-85, Cl. 528-336.000.
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- Pliskin, William A.; Riseman, Jacob; and Shepard, Joseph F., to International Business Machines Corporation. Method for forming recessed isolated regions. 4,506,435, 3-26-85, Cl. 29-576.00W.
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- Plisky, John J., to Anderson Company of Indiana, The. Retainer clip for windshield wiper blade assemblies. 4,501,043, 2-26-85, Cl. 15-250.420.
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  - Jakobsen, Kjell M.; Nilsson, Claes T.; and Larsson, Lars G., 4,493,633, Cl. 425-525.000.
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  - McKenna, James E.; and Plocek, Thomas, 4,556,743, Cl. 568-433.000.
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  - Ignatuk, Wayne R.; and Plocic, Frank M., 4,501,091, Cl. 51-102.000.
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- Plonczak, Garold W.: *See—*
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- Plonski, Siegfried G.: *See—*
  - Jones, Addison B.; and Plonski, Siegfried G., 4,536,882, Cl. 378-35.000.
- Ploppa, Jurgen: *See—*
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- Plotzker, Irene G., to Du Pont de Nemours, E. I., and Company. Protective garment or cover, composite semipermeable barrier fabric, and use in detoxification. 4,515,761, 5-7-85, Cl. 423-240.000.
- Plough, Charles T., Jr.; and Hight, Ralph D., to Dale Electronics, Inc. High resistance film resistor. 4,498,071, 2-5-85, Cl. 338-308.000.
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  - Kaplan, Carl, 4,522,807, Cl. 424-59.000.
  - Pawelek, John M.; and Agin, Patricia P., 4,508,706, Cl. 424-60.000.
  - Russ, Julio G.; and Barrom, Donna L., 4,537,766, Cl. 424-63.000.
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- Ploussios, George. Multi-frequency antenna employing tuned sleeve chokes. 4,509,056, 4-2-85, Cl. 343-791.000.
- Ploussios, George. Waveguide polarizer having conductive and dielectric loading slabs to alter polarization of waves. 4,523,160, 6-11-85, Cl. 333-21.00A.
- Plouviez, Eric, to Thomson-CSF. Wide band frequency phase locked loop frequency synthesizer. 4,504,800, 3-12-85, Cl. 331-1.00A.
- Plowman, Richard E.; and VanLenten, James A., to Dentsply Research & Development Corp. Centrifugal casting furnace. 4,524,816, 6-25-85, Cl. 164-287.000.
- Plucknett, Derek W., to Trip Lite Limited. Yarn feed device. 4,545,543, 10-8-85, Cl. 242-47.010.
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  - Maroney, Ralf P.; and Fishkind, Gregory A., 4,555,744, Cl. 361-212.000.
- Plugge, Jerome R., to Talbot, Marcel G. Jogging cart. 4,505,490, 3-19-85, Cl. 280-63.000.
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- Plummer, Dexter R., to PA Consulting Services Limited. Clinometer. 4,528,760, 7-16-85, Cl. 33-366.000.
- Plummer, Ernest L., to FMC Corporation. Insecticidal 2,2'-bridged[1,1'-biphenyl]-3-ylmethyl carboxamides. 4,493,844, 1-15-85, Cl. 424-275.000.
- Plummer, Ernest L., to FMC Corporation. Acaricidal 2,2'-bridged[1,1'-biphenyl]-3-ylmethyl esters. 4,507,317, 3-26-85, Cl. 514-531.000.
- Plummer, Ernest L., to FMC Corporation. Trans-3-substituted-1-indanol and insecticidal ester derivatives. 4,528,408, 7-9-85, Cl. 568-808.000.
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- Plummer, Ilene: *See—*
  - Plummer, Raymond; and Plummer, Ilene, 4,559,830, Cl. 73-761.000.
- Plummer, James D.: *See—*
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- Plummer, Jeffrey J., to Ex-Cell-O Corporation. Cable pulling device with force indicator and overload protection. 4,555,093, 11-26-85, Cl. 254-362.000.
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- Plummer, Mark A., to Marathon Oil Company. Conversion of aromatics to iso-paraffins using a $NaAlCl_4$/$HAlCl_4$ molten salt catalyst system. 4,513,163, 4-23-85, Cl. 585-700.000.
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  - Schroeder, Donald E., Jr.; Plummer, Mark A.; and Zimmerman, Carle C., Jr., 4,560,517, Cl. 260-505.00R.
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- Plummer, Raymond; and Plummer, Ilene. Testing device for fasteners. 4,559,830, 12-24-85, Cl. 73-761.000.
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  - Iblings, Jackson R., 4,513,484, Cl. 24-437.000.
- Plummer, William T., to Polaroid Corporation. Image carrying media employing an optical barrier. 4,499,164, 2-12-85, Cl. 430-14.000.
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- Plummer, William T.; and Baker, Philip G., to Polaroid Corporation. Selective photoresponsive sensing circuit. 4,561,753, 12-31-85, Cl. 354-432.000.
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  - Bolick, Fred C., Jr.; and Plunkett, Luther C., Jr., 4,515,995, Cl. 179-6.130.
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  - Coley, Charles R.; and Hall, J. Roger, 4,495,678, Cl. 24-113.00R.
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  - Minenko, Leonid P.; Belikov, Evgeny V.; Bobryshev, Oleg V.; Klyatis, Lev M.; Mescheryakov, Ivan K.; Osipov, Viktor G.; Osher, Mikhail I.; and Plyakin, Nikolai P., 4,549,760, Cl. 294-88.000.
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  - Nestor, Charles R.; Plyler, Robert G.; and Cross, William E., 4,521,065, Cl. 339-75.0MP.
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  - Levie, Lewis A.; and Fowler, Max J., 4,502,874, Cl. 55-283.000.
- Pneumatic Rubber Stamp Co., Ltd.: *See—*
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  - Haytayan, Harry M., 4,497,377, Cl. 173-15.000.
  - Haytayan, Harry M., 4,525,902, Cl. 24-350.000.
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  - Smith, Thomas G., 4,501,518, Cl. 406-25.000.
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- Pober, Kenneth W.: *See—*
  - Peiffer, Dennis G.; Lundberg, Robert D.; and Pober, Kenneth W., 4,537,688, Cl. 252-8.50M.
- Pobuta, Grace, executrix: *See—*
  - Bawa, Jaspal S.; Couto, Luis R.; Rapacki, Edward S.; Wood, Alfred; and Pobuta, Walter A., deceased, 4,549,037, Cl. 174-65.0SS.
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  - Boichu, Claude P.; and Yeou, Victor, 4,512,708, Cl. 414-694.000.
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  - James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., 4,499,154, Cl. 428-494.000.
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  - James, Michael H.; Bratby, David M.; Duck, Roger; Podell, Howard I.; Goldstein, Albert; and Blackley, David C., 4,499,154, Cl. 428-494.000.
- Podiak, Richard S.: *See—*
  - Hoffmanner, Albert L.; Semiatin, Sheldon L.; and Podiak, Richard S., 4,526,551, Cl. 445-7.000.
  - Lenk, Michael; and Podiak, Richard S., 4,522,170, Cl. 123-195.0DC.
- Podmela, Ladislav: *See—*
  - Bursa, Miloslav; Musil, Frantisek; and Podmela, Ladislav, 4,537,094, Cl. 74-804.000.
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- Podobinski, David J., to Consolidation Coal Company. Circuit for the arcless de-energization of a direct current load. 4,544,978, 10-1-85, Cl. 361-4.000.
- Podosek, Edward, to Dennison National Company. Spiral bound notebook and folder construction. 4,519,629, 5-28-85, Cl. 281-25.00A.
- Podosek, Edward, to Dennison National Company. Presentation folder. 4,560,299, 12-24-85, Cl. 402-15.000.
- Podraza, Kenneth F., to Philip Morris Incorporated. Smoking compositions containing a dicarbonate ester flavorant-release additive. 4,532,944, 8-6-85, Cl. 131-277.000.
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- Podraza, Kenneth F.: *See—*
  - Houminer, Yoram; and Podraza, Kenneth F., 4,509,537, Cl. 131-276.000.
- Podrini, Maurizio. Device for the electrolytic treatment of metal strip. 4,518,474, 5-21-85, Cl. 204-206.000.
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- Podszus, Hans. Apparatus for making helical center-cored smokers' filters and method. 4,502,495, 3-5-85, Cl. 131-328.000.
- Poe, James T. Filter backwash water saver and water filter to clean swimming pool filter. 4,545,905, 10-8-85, Cl. 210-136.000.
- Poe, L. Richard, to Hartwell Corporation. Flush type rotary drive for latches. 4,494,783, 1-22-85, Cl. 292-155.000.
- Poe, Lloyd R.; and Henrichs, Bernard W., to Hartwell Corporation. Externally accessible adjuster for flush latches. 4,530,529, 7-23-85, Cl. 292-113.000.
- Poe, Lloyd R.: *See—*
  - Harmon, Raymond E.; and Poe, Lloyd R., 4,502,193, Cl. 24-621.000.
- Poehl, Michael E.: *See—*
  - de Lorenzo, Mark X.; Hoffpauir, Charles R.; Hutchins, Johnnie R.; Meyer, Timmy R.; Page, John E.; and Poehl, Michael E., 4,535,134, Cl. 526-88.000.
- Poehler, Theodore O.: *See—*
  - Potember, Richard S.; Poehler, Theodore O.; and Cowan, Dwaine O., 4,507,672, Cl. 357-8.000.
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  - Groothuis, Gerrit J.; de Haan, Atze; Poel, Hendrik; Tietjens, Eduard W.; and de Vries, Jochem J., 4,510,687, Cl. 30-34.200.
- Poeppelman, Alan D.: *See—*
  - Donaldson, Darrel D.; Honnigford, Edward H.; and Poeppelman, Alan D., 4,527,074, Cl. 307-246.000.
- Poeppelmeier, Kenneth R.: *See—*
  - Beyerlein, Robert A.; Poeppelmeier, Kenneth R.; and Jacobson, Allan J., 4,503,166, Cl. 502-303.000.
- Poetker, John J.; and Poetker, Peter, to Horizon Technology, Inc. Data processing card system and method of forming same. 4,539,472, 9-3-85, Cl. 235-488.000.
- Poetker, Peter: *See—*
  - Poetker, John J.; and Poetker, Peter, 4,539,472, Cl. 235-488.000.
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- Poetsch, Dieter, to Robert Bosch GmbH. Cine film-video scanner system. 4,524,392, 6-18-85, Cl. 358-214.000.
- Poetsch, Edmund R.: *See—*
  - Koroncai, Adam I.; and Poetsch, Edmund R., 4,506,320, Cl. 363-141.000.
- Pogany, Stefano A.: *See—*
  - Haslam, John L.; and Pogany, Stefano A., 4,530,928, Cl. 514-254.000.
  - Sparer, Randall V.; and Pogany, Stefano A., 4,549,010, Cl. 528-361.000.
- Poggio, Cesare: *See—*
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- Pogue, Harold D.: *See—*
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- Pogue, Russell W., Jr., to General Motors Corporation. Radio receiver system including a control unit and a remote unit. 4,503,513, 3-5-85, Cl. 364-900.000.
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  - Juhola, Mauno O.; and Numminen, Matti, 4,537,527, Cl. 405-50.000.
- Pohl, Claus: *See—*
  - Stemmer, Gottfried; and Pohl, Claus, 4,528,795, Cl. 53-266.00R.
- Pohl, Eric R., to Union Carbide Corporation. Fatty ethenoid acylaminoorganosilicon compounds and their use in compositions for coating glass. 4,548,842, 10-22-85, Cl. 427-407.200.
- Pohl, Fritz: *See—*
  - Klein, Joachim; Widdecke, Hartmut; Doscher, Frank; and Pohl, Fritz, 4,522,952, Cl. 521-31.000.
- Pohl, Gerhard: *See—*
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,554,715, Cl. 28-107.000.
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Pohl, Harold F. Door lifting and centering device for hanging heavy doors. 4,492,369, 1-8-85, Cl. 269-60.000.

Pohl, Herbert A.: *See—*

Kleinedler, Gary E.; and Pohl, Herbert A., 4,519,132, Cl. 29-845.000.

Pohl, Karl-Heinz, to Siemon Company, The. Multiple electrical connector and block with printed circuit board connector clip. 4,533,202, 8-6-85, Cl. 339-176.0MP.

Pohl, Karl-Heinz, to Siemon Company, The. Wire connector with cutting edge. 4,550,969, 11-5-85, Cl. 339-98.000.

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Hoffmann, Gottfried; Deutsch, Reinhard; and Pohl, Klaus-Jurgen, 4,526,268, Cl. 198-419.000.

Pohl, Ludwig: *See—*

Eidenschink, Rudolf; Haas, Gunther; Pohl, Ludwig; Romer, Michael; Scheuble, Bernhard; and Weber, Georg, 4,510,069, Cl. 252-299.610.

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Pohl, Stanley; Hnatchenko, Michael; and Feinland, Raymond, to Clairol Incorporated. Hair conditioning composition and method for use. 4,507,280, 3-26-85, Cl. 424-70.000.

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Pohl, Wolfgang D.: *See—*

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LaBarge, Robert L.; Horansky, Frank J.; Arndt, Eric D.; Green, Jerrold D.; Hawkins, Ronald G.; Leftault, Charles J., Jr.; Pohlenz, Elmer E.; and Scherf, Thomas W., 4,510,857, Cl. 100-53.000.

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Pohlenz, Jack B.: *See—*

Samish, Norman C.; and Pohlenz, Jack B., 4,521,388, Cl. 423-235.000.

Pohler, Manfred: *See—*

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Pohlig, Dietmar; and Goepel, Ernst, to Siemens Aktiengesellschaft. Circuit arrangement for positioning the printing mechanisms in printers employing a d.c. motor. 4,511,797, 4-16-85, Cl. 250-231.0SE.

Pohlmann, Klaus D.: *See—*

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Pohndorf, Peter J.; and Wesner, Walter H., to Cordis Corporation. Suture sleeve with structure for enhancing pacing lead gripping. 4,553,961, 11-19-85, Cl. 604-175.000.

Pohorski, Daniel W., to James Dole Corporation. Hot air aseptic packaging system and method. 4,495,974, 1-29-85, Cl. 141-132.000.

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Poindexter, Daniel J.: *See—*

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Poirier, Jean-Denis: *See—*

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George, Albert E.; and Poirier, Marc-Andre, 4,519,915, Cl. 210-663.000.

Poirier, Roger; and Hamill, Donald F., to Pratt & Whitney Canada Inc. Method for diagnosing faults in electronic fuel control systems. 4,557,141, 12-10-85, Cl. 73-117.200.

Poirier, Ronald G. Golf stance guage. 4,538,815, 9-3-85, Cl. 273-187.00R.

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Poissant, Philip L.: *See—*

Brema, Robert J.; Adamson, Gerald J.; Poissant, Philip L.; and Cleminson, John H., 4,498,660, Cl. 256-19.000.

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Pokojny, Rudolf; and Larsson, Peter L., to Raychem Corporation. Assembly and method for cable joint protection. 4,533,788, 8-6-85, Cl. 174-88.00C.

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Pokorny, Erich: *See—*

Beck, Ernst; Lenard, Peter; and Pokorny, Erich, 4,499,794, Cl. 76-75.000.

Pokorski, John P.: *See—*

Jarvis, William A.; Kirby, John; Lane, Alan J.; Pokorski, John P.; and Sheffield, Wilbur L., 4,544,296, Cl. 401-73.000.

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Pola Chemical Industries, Inc.: *See—*

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Polachowski, Wayne T.: *See—*

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Polad, Michael D.; Gerlach, LeRoy E.; and Schmidt, Robert H., to Data Card Corporation. Laser machining system. 4,555,610, 11-26-85, Cl. 219-121.0LA.

Polak, Anthony J.; and Beuhler, Allyson J., to UOP Inc. Polymer blended membranes. 4,500,667, 2-19-85, Cl. 524-406.000.

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Polanco, Jose R.; and Spector, George. Kite reel. 4,493,461, 1-15-85, Cl. 242-96.000.

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- Alston, Lawrence E., 4,541,010, Cl. 358-44.000.
- Baker, James G., 4,496,223, Cl. 350-432.000.
- Barr, Charles A.; Van Allen, David E.; and Zanardelli, John K., 4,491,434, Cl. 40-362.000.
- Bartels-Keith, James R.; Boggs, Roger A.; Puttick, Anthony J.; and Sofen, Nancy M., 4,503,139, Cl. 430-219.000.
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- Bedell, Stanley F.; and Viola, Michael S., 4,547,405, Cl. 427-256.000.
- Benton, Stephen A., 4,498,729, Cl. 350-3.690.
- Berke, Carl M., 4,501,835, Cl. 524-32.000.
- Biber, Conrad H., 4,551,825, Cl. 367-101.000.
- Blakely, Linda L.; Goodman, John C.; and Walker, David B., 4,516,845, Cl. 354-412.000.
- Blakely, Linda L.; and Seiden, Myron A., 4,540,259, Cl. 354-109.000.
- Bronstein-Bonte, Irena Y.; Lindholm, Edward P.; and Murphy, Richard J., 4,503,138, Cl. 430-213.000.
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- Bruder, Alan H., 4,502,903, Cl. 156-153.000.
- Burkhardt, James L.; and McCann, John J., 4,492,987, Cl. 358-332.000.
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- Carrera, Jacinto P., 4,496,921, Cl. 335-258.000.
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- Cerankowski, Leon D.; LaPointe, Gary S.; and Mattucci, Neil C., 4,496,651, Cl. 430-490.000.
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- Costa, Peter F.; and Whiteside, George D., 4,508,440, Cl. 354-187.000.
- Costa, Peter F.; and Whiteside, George D., 4,542,967, Cl. 354-187.000.
- Cowan, James J., 4,496,216, Cl. 350-162.170.
- Cronin, David V., 4,493,546, Cl. 354-324.000.
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- d'Entremont, Alice M.; and Freeman, William T., 4,536,848, Cl. 364-526.000.
- Douglas, Lawrence M., 4,545,663, Cl. 354-304.000.
- Eburn, William H., Jr.; and Kalenik, Stephen P., 4,508,142, Cl. 137-625.400.
- Egan, Richard G., 4,562,462, Cl. 358-75.000.
- Ehrenfried, George, 4,547,055, Cl. 354-401.000.
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- Erlichman, Irving; and Hausslein, Robert W., 4,547,784, Cl. 346-76.0PH.
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- Gaewsky, John P.; and Murray, Joseph E., Jr., 4,502,773, Cl. 354-403.000.
- Gaudiana, Russell A.; and Kalyanaraman, Palaiyur S., 4,503,248, Cl. 564-307.000.
- Gerber, Arthur M., 4,510,232, Cl. 430-494.000.
- Hicks, John W., Jr., 4,531,811, Cl. 350-96.330.
- Hicks, John W., Jr., 4,551,162, Cl. 65-4.200.
- Jasne, Stanley J.; Schwarzel, William C.; Sullivan, Charles I.; and Taylor, Lloyd D., 4,547,451, Cl. 430-215.000.
- Johnson, Bruce K., 4,491,406, Cl. 354-416.000.
- Johnson, Bruce K.; and Triggs, Charles W., 4,502,767, Cl. 354-86.000.
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- Johnson, Bruce K.; and Schettino, Anthony J., 4,526,453, Cl. 354-181.000.
- Johnson, Bruce K.; and Whiteside, George D., 4,542,973, Cl. 354-413.000.
- Johnson, Bruce K.; and Whiteside, George D., 4,557,573, Cl. 354-234.100.
- Johnson, Bruce K., 4,560,262, Cl. 354-180.000
- Jones, Peter W. J.; Plummer, William T.; and Purcell, Dennis W., 4,498,748, Cl. 354-79.000.
- Kee, Richard C.; and Norris, Philip R., 4,516,844, Cl. 354-275.000.
- Kee, Richard C., 4,554,591, Cl. 358-256.000.
- Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,514,069, Cl. 354-304.000.
- Kinsman, Gordon F.; Lambert, Ronald F.; and Morrison, David A., 4,519,689, Cl. 354-304.000
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- Kisler, Semyon, 4,513,683, Cl. 118-620.000.
- Kisler, Semyon, 4,517,143, Cl. 264-22.000.
- Kniazzeh, Alfredo G.; Mailloux, Dennis R.; and Norvaisa, Kestutis, 4,532,193, Cl. 429-82.000.
- Kolesinski, Henry S.; and Taylor, Lloyd D., 4,548,981, Cl. 524-555.000.
- Kramer, G. Richard, 4,540,263, Cl. 354-304.000.
- Launie, Kenneth J., 4,508,441, Cl. 354-217.000.
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- Livingston, James J., 4,526,455, Cl. 354-298.000.
- Livingston, James J., 4,526,456, Cl. 354-317.000.
- McCaskill, Emmett S., 4,497,950, Cl. 544-183.000.
- Mehta, Avinash C.; and Taylor, Lloyd D., 4,543,317, Cl. 430-219.000.
- Mehta, Avinash C., 4,550,214, Cl. 568-643.000.
- Mills, Loring K., 4,531,684, Cl. 242-71.100.
- Norris, Philip, 4,523,825, Cl. 354-301.000.
- Norris, Philip R., 4,492,445, Cl. 354-180.000.
- Norris, Philip R., 4,514,070, Cl. 354-313.000.
- Norris, Philip R.; and Wareham, Richard R., 4,540,255, Cl. 352-44.000.
- Norris, Philip R.; and Wareham, Richard R., 4,540,256, Cl. 352-239.000.
- Petersen, Christian C., 4,497,557, Cl. 354-234.100.
- Petersen, Christian C., 4,531,820, Cl. 354-234.100.
- Petersen, Christian C., 4,543,551, Cl. 335-284.000.
- Petersen, Christian C., 4,558,936, Cl. 354-86.000.
- Petersen, Christian C.; and Wasson, Ken G., 4,558,937, Cl. 354-234.100.
- Petersen, Christian C., 4,558,938, Cl. 354-234.100.
- Plasse, Paul A., 4,539,275, Cl. 429-152.000.
- Plummer, William T., 4,499,164, Cl. 430-14.000.
- Plummer, William T., 4,531,702, Cl. 249-64.000.
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- Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,525,413, Cl. 428-212.000.
- Shenk, Edwin K., 4,531,822, Cl. 354-401.000.
- Shulman, Joseph, 4,531,765, Cl. 283-114.000.
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- Simon, Myron S.; and Waller, David P., 4,535,051, Cl. 430-222.000.
- Sorli, Duncan C.; and Keightley, John H., 4,556,306, Cl. 354-304.000.
- Spiegal, Arnold, 4,530,898, Cl. 430-403.000.
- Stella, Joseph A.; and Wright, Joseph H., 4,561,742, Cl. 354-86.000.
- Svatek, Thomas A., 4,494,148, Cl. 358-226.000.
- Taylor, Lloyd D., 4,510,294, Cl. 525-369.000.

  - Taylor, Lloyd D., 4,522,996, Cl. 526-256.000.
  - Taylor, Lloyd D., 4,539,383, Cl. 526-304.000.
  - Taylor, Lloyd D., 4,546,159, Cl. 526-286.000.
  - Thigpen, Lawrence E., 4,557,742, Cl. 65-2.000.
  - Viola, Michael S., 4,550,325, Cl. 346-140.00R.
  - Whiteside, George D.; Keith, Laura E.; and Pizzuti, Donato F., 4,527,888, Cl. 354-400.000.
  - Zinchuk, Michael, 4,555,731, Cl. 358-209.000.
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- Polaschegg, Hans-Dietrich; and Mathieu, Bernd, to Fresenius AG. Pump system for use with dialysis and like apparatus. 4,552,552, 11-12-85, Cl. 604-4.000.
- Polaschegg, Hans-Dietrich: *See—*
  - Mathieu, Bernd; and Polaschegg, Hans-Dietrich, 4,514,295, Cl. 210-90.000.
- Polat, Alain V.: *See—*
  - Franz, Michel R.; Vincze, Andreas B.; Lambelin, Georges E.; and Polat, Alain V., 4,534,911, Cl. 514-575.000.
- Polchaninoff, Michael, to Langer Biomechanics Group, Inc., The. Flexible force sensor. 4,503,705, 3-12-85, Cl. 73-172.000.
- Polderman, Arie; Handels, Johannes W. H.; and Kuit, Johannes H., to Oce-Nederland B.V. Toner powder and method of forming fixed images. 4,528,257, 7-9-85, Cl. 430-109.000.
- Poldervaart, Leendert, to Single Buoy Moorings, Inc. Mooring system carried outboard by a rigid arm on a vessel. 4,527,501, 7-9-85, Cl. 114-230.000.
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- Poldervaart, Leendert: *See—*
  - Coppens, Anton; and Poldervaart, Leendert, 4,533,332, Cl. 441-3.000.
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- Pole, Charles D. Conveyor apparatus. 4,502,590, 3-5-85, Cl. 198-611.000.
- Polen, Karl L.; and Scott, Edward S., to Alliance Machine Company, The. Weighing system. 4,503,921, 3-12-85, Cl. 177-147.000.
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- Poler, Stanley. Eye-medicating haptic. 4,540,417, 9-10-85, Cl. 604-895.000.
- Poleshuk, Robert J.: *See—*
  - Aiello, Richard E.; Moist, Stanford C., Jr.; Poleshuk, Robert J.; and Wildman, Timothy C., 4,544,220, Cl. 339-59.00M.
- Polett, Muriel S.: *See—*
  - Polett, Walter J.; and Polett, Muriel S., 4,499,599, Cl. 383-6.000.
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  - Bondar, Ljudmila S.; Okunev, Rostan A.; Polezhaev, Lev V.; Kolchin, Sergei P.; Cherkasova, Ljudmila V.; and Nikolaeva, Lilia F., 4,495,201, Cl. 514-560.000.
- Polhemus, Carl E.: *See—*
  - McGowan, Gerald F.; Price, Gerald W.; Polhemus, Carl E.; and Ketchum, Ronald L., 4,560,873, Cl. 250-339.000.
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- Polic, Georg, to Bobst SA. Tool support with an arrangement for centering and fixing a tool therein. 4,541,828, 9-17-85, Cl. 493-468.000.
- Policelli, Frederick J., to Hercules Incorporated. Filament wound interlaminate tubular attachment. 4,530,379, 7-23-85, Cl. 138-109.000.
- Polidor, Jaromir: *See—*
  - Zverina, Karel; Tluchor, Denek; Szabo, Josef; Polidor, Jaromir; and Kroupa, Petr, 4,531,043, Cl. 219-121.0PP.
- Polifarma S.p.A.: *See—*
  - De Luca, Giovanna; Di Stazio, Giovanni; Politi, Vincenzo; and Materazzi, Mario, 4,551,471, Cl. 514-419.000.
- Poliniak, Eugene S., to RCA Corporation. High-density information disc lubricant. 4,540,615, 9-10-85, Cl. 428-64.000.
- Poliniak, Eugene S.: *See—*
  - Labib, Mohamed E.; and Poliniak, Eugene S., 4,525,402, Cl. 428-64.000.
- Polinski, Leonard R., Jr., to Babcock & Wilcox Company, The. Constant current source for field contact input. 4,532,466, 7-30-85, Cl. 323-311.000.
- Polinski, Stanley F.: *See—*
  - Bacchiere, Daniel P.; and Polinski, Stanley F., 4,523,250, Cl. 361-145.000.
- Polinsky, Samuel M.: *See—*
  - Bierman, Laurence W.; Polinsky, Samuel M.; Hempel, David A.; and Humberger, Roger B., 4,511,541, Cl. 423-100.000.
- Politechnika Krakowska: *See—*
  - Jarnuszkiewicz, Stanislaw; and Jarnuszkiewicz, Marek, 4,546,751, Cl. 123-568.000.
- Politechnika Warszawska: *See—*
  - Krecisz, Maria; Kotlewski, Witold; and Bebenkowski, Krzysztof, 4,496,930, Cl. 338-26.000.
  - Mroz, Andrzej; and Wronski, Stanislaw, 4,551,242, Cl. 209-211.000.
- Politi, Vincenzo: *See—*
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- Politzer, Anton; and Bertiller, Roland, to Diehl GmbH & Co. Cooling arrangement for the gun barrels of firearms. 4,535,676, 8-20-85, Cl. 89-14.100.
- Polizzi, Jerry: *See—*
  - Polk, Todd J.; and Polizzi, Jerry, 4,493,319, Cl. 128-303.00A.
- Polizzotto, Joseph F., to Denar Corporation. Dental pantograph. 4,561,846, 12-31-85, Cl. 433-73.000.
- Polk Audio, Inc.: *See—*
  - Polk, Matthew S., 4,497,064, Cl. 381-24.000.
- Polk, Matthew S., to Polk Audio, Inc. Method and apparatus for reproducing sound having an expanded acoustic image. 4,497,064, 1-29-85, Cl. 381-24.000.
- Polk, Todd J.; and Polizzi, Jerry, to Cabot Medical Corporation. Ring applicator having floating inner tube. 4,493,319, 1-15-85, Cl. 128-303.00A.
- Polk, Todd J.; and Morrin, James F., to Cabot Medical Corporation. Ultrasonic medical instrument. 4,535,759, 8-20-85, Cl. 128-24.00A.
- Polka, Frank: *See—*
  - Adams, Victor J.; and Polka, Frank, 4,526,740, Cl. 264-259.000.
- Polkinghorn, Thomas W.: *See—*
  - Lussiez, Guy W.; Duterque, Jean-Paul; and Polkinghorn, Thomas W., 4,547,348, Cl. 423-150.000.
- Polkowski, Joseph H.: *See—*
  - Norling, Thomas B.; Polkowski, Joseph H.; Poulsen, Jeffrey A.; and Robinson, Daniel E., 4,533,914, Cl. 340-825.790.
- Polky, John N.: *See—*
  - Miller, Dale D.; and Polky, John N., 4,537,502, Cl. 356-5.000.
- Poll, Ian; and Smit, Jacobus A. J., to Shell Oil Company. Burner for the partial combustion of solid fuel. 4,519,321, 5-28-85, Cl. 110-263.000.
- Poll, Ian, to Shell Oil Company. Process and burner for the partial combustion of solid fuel. 4,523,529, 6-18-85, Cl. 110-263.000.
- Poll, Robert F.: *See—*
  - Labib, Mohamed E.; Poll, Robert F.; and Wang, Chih-Chun, 4,522,747, Cl. 252-511.000.
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- Pollacco, Paul J. Motor oil catch pan and motor oil change kit incorporating the same. 4,524,866, 6-25-85, Cl. 206-223.000.
- Pollacco, William F. Motor oil change kit and catch pan for use in changing automotive motor oil. 4,533,042, 8-6-85, Cl. 206-223.000.
- Pollack, Frank S., Jr., to Honeywell Information Systems Inc. Decoupling apparatus for verification of a processor independent from an associated data processing system. 4,553,201, 11-12-85, Cl. 364-200.000.
- Pollack, Gordon P.; Teng, Clarence; and Hunter, William R., to Texas Instruments Incorporated. Channel stop isolation technology utilizing two-step etching and selective oxidation with sidewall masking. 4,538,343, 9-3-85, Cl. 29-576.00W.
- Pollack, Gordon P.: *See—*
  - Havemann, Robert H.; and Pollack, Gordon P., 4,541,167, Cl. 29-576.00W.
- Pollack, Joel M.: *See—*
  - Genovese, Frank C.; and Pollack, Joel M., 4,558,255, Cl. 313-497.000.
- Pollack, Solomon R.: *See—*
  - Brighton, Carl T.; and Pollack, Solomon R., 4,535,775, Cl. 128-419.00F.
- Pollack, Steven H.: *See—*
  - Hoffman, Brian D.; Pollack, Steven H.; and Weissman, Barry, 4,528,747, Cl. 29-834.000.
- Pollak-Banda, Erich: *See—*
  - John, Erich; and Pollak-Banda, Erich, 4,514,099, Cl. 384-100.000.
- Pollak, Thomas M.: *See—*
  - Reed, Cathy J.; and Pollak, Thomas M., 4,536,879, Cl. 372-77.000.
- Pollara, Paul: *See—*
  - Liberti, Paul A.; and Pollara, Paul, 4,551,435, Cl. 436-541.000.
- Pollard, David D.; and Ho, Ting-Long, to Westinghouse Electric Corp. Disc-type semiconductor mounting arrangement with force distribution spacer. 4,504,850, 3-12-85, Cl. 357-79.000.
- Pollard, James B.: *See—*
  - Shimmin, Bryan F.; and Pollard, James B., 4,518,641, Cl. 428-150.000.
- Pollard, Michael D.: *See—*
  - Whitmore, Martyn W.; Pollard, Michael D.; and Smythe, Stephen R., 4,546,174, Cl. 534-838.000.
- Pollard, Robert E., to Monsanto Company. Carbon black filled nylons modified for improved toughness. 4,518,728, 5-21-85, Cl. 524-88.000.
- Pollard, William: *See—*
  - Cooper, Kenneth C.; and Pollard, William, 4,548,380, Cl. 249-106.000.
- Polleck, Richard E.; Scott, Kenneth A.; and Ledley, Robert E., to Sun Refining and Marketing Company. Hydrolysis of carbonyl sulfide over alumina. 4,491,516, 1-1-85, Cl. 208-248.000.
- Pollen, Michael E.: *See—*
  - Shields, Ronald H.; and Pollen, Michael E., 4,554,001, Cl. 65-160.000.
- Pollerspock, Kurt, to Siemens Aktiengesellschaft. Explosion-proof switching installation with a bus bar duct. 4,543,455, 9-24-85, Cl. 200-50.00B.
- Pollet, Jean-Claude; Flautt, Martin C.; and Armstrong, Gordon P., to Owens-Corning Fiberglas Corporation. Hot melt sizes. 4,539,364, 9-3-85, Cl. 524-488.000.
- Polley, Richard B.: *See—*
  - Jackson, Keith L.; Benner, Eugene L.; Polley, Richard B.; and Wickman, James J., 4,546,706, Cl. 105-182.00E.

Pollhammer, Edgar: *See—*
  Ritter, Gerhard; Ritter, Klaus; Ritter, Josef; and Pollhammer, Edgar, 4,506,818, Cl. 227-67.000.
  Scherr, Rudolf; Schmidt, Gerhard; Pollhammer, Edgar; Ritter, Gerhard; and Ritter, Klaus, 4,529,858, Cl. 219-56.000.
Pollich, Gerhard, to Heidelberger Druckmaschinen AG. Device in the delivery of sheet-fed rotary printing machine for inhibiting curl formation in the leading edge of delivered sheet. 4,561,645, 12-31-85, Cl. 271-195.000.
Pollick, Michael L.: *See—*
  Case, Allen W., Jr.; Ringwall, Carl G.; and Pollick, Michael L., 4,542,279, Cl. 219-124.340.
Pollin, Irvin. Launch setback simulator. 4,557,143, 12-10-85, Cl. 73-167.000.
Pollinger, Hans; Saumweber, Eckart; Schorwerth, Mathias; and Wirth, Xaver, to Knorr-Bremse GmbH. Carrier for brake linings for disk brakes having divided lining elements. 4,535,874, 8-20-85, Cl. 188-73.100.
Pollman, Frederic W.; Reynolds, David W.; and Heiser, Richard, to Sundstrand Corporation. Constant tension cable reel drive. 4,537,364, 8-27-85, Cl. 242-86.510.
Pollmann, Richard: *See—*
  Breuninger, Axel; Pollmann, Richard; and Scheyrer, Peter, 4,503,094, Cl. 427-250.000.
Pollmeier, Konrad; and Moll, Philipp, to Durkoppwerke GmbH. Tubular-goods holder for sewing machine. 4,530,294, 7-23-85, Cl. 112-63.000.
Pollner, Jurgen: *See—*
  Molzer, Peter; Pollner, Jurgen; Topic, Nicola; Trummer, Gregor; and Zurek, Rudolf, 4,512,560, Cl. 269-20.000.
Pollner, Rudolf, to Robert Bosch GmbH. Method of inserting a center electrode in a spark plug insulator. 4,519,784, 5-28-85, Cl. 445-7.000.
Pollock, Charles. Stacking chair. 4,522,444, 6-11-85, Cl. 297-239.000.
Pollock, Jack H.: *See—*
  DeWald, Carl O.; and Pollock, Jack H., 4,497,467, Cl. 251-78.000.
Pollock, James F., to United Kingdom Atomic Energy Authority. Thermal insulation layer. 4,525,406, 6-25-85, Cl. 428-137.000.
Pollock, Mark A.: *See—*
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Pollock, Stephen F., to Wayne H. Coloney Company, Inc. Portable ammunition handling and loading system. 4,509,401, 4-9-85, Cl. 86-48.000.
Pollock, William H.: *See—*
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Pollok, Hans-Jurgen, to Siemens Aktiengesellschaft. Self-pumping thrust bearing for electric machines. 4,494,882, 1-22-85, Cl. 384-307.000.
Pollution Control Products Co.: *See—*
  Mainord, Kenneth R., 4,557,203, Cl. 110-344.000.
Polman, David J.: *See—*
  Wamsley, Richard D.; and Polman, David J., 4,498,663, Cl. 270-54.000.
Poloncic, Stanley J.: *See—*
  Chen, Lee; Hendricks, Charles J.; Mathad, Gangadhara S.; and Poloncic, Stanley J., 4,534,816, Cl. 156-345.000.
Polony, Rudolf; Reinert, Gerhard; Holzle, Gerd; Pugin, Andre; and Vonderwahl, Rodolphe, to Ciba-Geigy Corporation. Phthalocyanine compounds and anti-microbial use. 4,530,924, 7-23-85, Cl. 514-191.000.
Polony, Rudolf: *See—*
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  Wojciechowski, Jerzy; Haber, Jerzy; Godziewicz, Zygmunt; and Lange, Edward, 4,506,599, Cl. 99-469.000.
Polson, Alfred, to South African Inventions Development Corporation. Manufacture and use of fowl egg antibodies. 4,550,019, 10-29-85, Cl. 424-85.000.
Polson, Steven S. Food feed chute apparatus. 4,523,505, 6-18-85, Cl. 83-713.000.
Polster, Louis S. Deep fat cooking temperature control system. 4,503,320, 3-5-85, Cl. 219-441.000.
Polster, Louis S. Shortening management method and apparatus. 4,506,995, 3-26-85, Cl. 374-57.000.
Polster, Peter: *See—*
  Rosseels, Gilbert; and Polster, Peter, 4,499,095, Cl. 514-299.000.
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  Laemmermann, Fritz; Rindfleisch, Werner; Fabian, Wolfgang; and Polster, Rudolf, 4,497,120, Cl. 34-15.000.
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  Belykh, Sergei I.; Davydov, Anatoly B.; Kovalenko, Igor L.; Loktionova, Lidia Y.; Moschensky, Anatoly D.; Pershin, Gely G.; Pershin, Grigory N.; Padeiskaya, Elena N.; Polukhina, Lidia M.; Ochirov, Nikolai I.; and Filippov, Jury I., 4,550,723, Cl. 128-92.00B.
Poly Processing Company, Inc.: *See—*
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  Wiechowski, Joseph W., 4,555,886, Cl. 52-667.000.
Polyakov, Ivan P.: *See—*
  Sychev, Anatoly P.; Sannikov, Jury I.; Grinin, Jury A.; Polyakov, Ivan P.; and Abdeev, Jury M., 4,519,836, Cl. 75-25.000.
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Polychrome Corporation: *See—*
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  Huang, Jen-chi, 4,524,125, Cl. 430-302.000.
  Huang, Jen-chi; Von Gruenberg, Gregory; and Riley, Donald J., 4,548,683, Cl. 204-129.400.
  Riley, Donald J., 4,545,875, Cl. 204-129.400.
  Rowe, William; Dooley, Thomas; and Shah, Ajay, 4,559,401, Cl. 544-216.000.
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  Thomann, Roland; and Amann, Markus, 4,515,498, Cl. 404-4.000.
  Thomann, Roland; and Amann, Markus, 4,553,874, Cl. 404-4.000.
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Polyflex Schwarz GmbH & Co.: *See—*
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Polygram GmbH: *See—*
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Polymer-Physik GmbH & Co.: *See—*
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Polymer Processing Research Institute Ltd.: *See—*
  Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Tsuyama, Setsuya; Kurihara, Kazuhiko; and Yazawa, Hiroshi, 4,499,639, Cl. 28-282.000.
  Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Kurihara, Kazuhiko; and Yazawa, Hirosi, 4,525,317, Cl. 264-235.800.
Polymer Projections, Inc.: *See—*
  Freundlich, Richard A., 4,507,338, Cl. 428-35.000.
Polymer/Raymond Industries, Inc.: *See—*
  Raymond, Ronald P.; and Andrick, William C., 4,555,885, Cl. 52-468.000.
Polymer Science: *See—*
  Stille, John K., 4,507,462, Cl. 528-125.000.
Polymer Technology Corporation: *See—*
  Ellis, Edward J.; and Salamone, Joseph C., 4,534,878, Cl. 252-173.000.
Polyonics Corporation: *See—*
  Hoover, Merwin F.; Salamone, Ann B.; and Vandebult, Jan, 4,555,414, Cl. 427-43.100.
  Hoover, Merwin F.; Reilly, Phillip B.; Salamone, Ann B., and Vandebult, Jan, 4,560,445, Cl. 204-15.000.
Polypag A.G.: *See—*
  Plaschka, Emil; Pauls, Mathias; and Niggli, Guido, 4,508,244, Cl. 222-153.000.
Polyplastics Company: *See—*
  Kasuga, Takuzo; and Takahashi, Katsuhiko, 4,533,680, Cl. 523-220.000.
Polyplastics Company, Ltd.: *See—*
  Hotta, Hiroshi; and Suzuki, Yoshiharu, 4,525,261, Cl. 204-192.0EC.
  Kasuga, Takuzo; Takahashi, Katsuhiko; and Suzuki, Kunio, 4,511,708, Cl. 528-274.000.
  Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, 4,547,565, Cl. 528-232.000.
  Kasuga, Takuzo; Ikenaga, Yukio; Yamawaki, Masami; and Tanimura, Keizo, 4,559,380, Cl. 524-317.000.
  Kausga, Takuzo; Ikenaga, Yukio; and Suzuki, Kunio, 4,555,357, Cl. 252-511.000.
  Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, 4,540,773, Cl. 528-480.000.
Polysar Financial Services S.A.: *See—*
  Moore, Richard B., 4,548,966, Cl. 524-53.000.
Polysar International S.A.: *See—*
  Oberle, Patrick; Longuet, Michel; and Walker, David, 4,537,915, Cl. 521-84.100.
  Peltier, Gerard; Longuet, Michel; and Midgley, Charles A., 4,500,591, Cl. 428-251.000.
Polysar Limited: *See—*
  Ahlberg, David T., 4,559,108, Cl. 202-154.000.
  Crossman, James A., 4,543,377, Cl. 524-13.000.
  Duffy, John P., 4,504,654, Cl. 528-499.000.

Dunn, John R., 4,522,852, Cl. 428-36.000.
Khalil, Hamdy; and Chick, Orest N., 4,533,691, Cl. 524-401.000.
Lee, Ivan S., 4,508,864, Cl. 524-187.000.
Midgley, Charles A., 4,540,739, Cl. 524-764.000.
Rempel, Garry L.; and Azizian, Hormoz, 4,503,196, Cl. 525-338.000.
Sato, Kyosaku, 4,499,213, Cl. 523-335.000.
Sato, Kyosaku, 4,508,867, Cl. 524-434.000.
Sato, Kyosaku, 4,525,517, Cl. 524-394.000.
Taylor, Michael A., 4,529,753, Cl. 523-328.000.
Wunder, Richard H., 4,536,568, Cl. 528-487.000.

Polytel Corp.: *See—*
Danish, Sherif, 4,532,497, Cl. 340-365.00S.
Danish, Sherif; and Danish, Adel, 4,555,693, Cl. 340-365.00S.

Polytronics, Inc.: *See—*
Bertsch, Jack, 4,500,160, Cl. 339-166.00R.

Polytype AG: *See—*
Schollkopf, Ernst; and Rimmele, Walter, 4,498,946, Cl. 156-324.000.

Pomerantz, Julie; and Feeney, Paul. Slicing device for foodstuffs. 4,516,458, 5-14-85, Cl. 83-651.100.

Pomeranz, Bruce; and Salansky, Norman. Electrotherapy acupuncture apparatus and method. 4,556,064, 12-3-85, Cl. 128-423.00R.

Pomeranz, Mark L. Reclosable condom having sealed chamber with a rheopexic material within. 4,498,466, 2-12-85, Cl. 128-79.000.

Pomeroy, Gary G. Portable exercise device. 4,521,009, 6-4-85, Cl. 272-73.000.

Pomfret, Colin T. Device for transmitting movement. 4,517,935, 5-21-85, Cl. 123-90.400.

Pomfret, Stephen T., to Digital Equipment Corporation. Bus for data processing system with fault cycle operation. 4,543,628, 9-24-85, Cl. 364-200.000.

Pomini Farrel S.p.A.: *See—*
Mantovan, Gianfranco, 4,552,007, Cl. 72-239.000.

Pommer, Ernst-Heinrich: *See—*
Acker, Rolf-Dieter; Ammermann, Eberhard; and Pommer, Ernst-Heinrich, 4,496,563, Cl. 514-222.000.
Buschmann, Ernst; Schulz, Guenter; Heilen, Gerd; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,532,234, Cl. 514-63.000.
Kraft, Helmut; Schumacher, Heinz; Pommer, Ernst-Heinrich; Schlotterbeck, Dietrich; and Ley, Gregor, 4,528,185, Cl. 424-81.000.
Meyer, Norbert; Zeeh, Bernd; Buschmann, Ernst; and Pommer, Ernst-Heinrich, 4,521,429, Cl. 514-383.000.
Rentzea, Costin; Meyer, Norbert; Sauter, Hubert; Ammermann, Eberhard; and Pommer, Ernst-Heinrich, 4,497,819, Cl. 514-397.000.
Ruland, Alfred; Reuther, Wolfgang; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,550,173, Cl. 548-262.000.
Stubenrauch, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Pommer, Ernst-Heinrich, 4,496,738, Cl. 548-262.000.
Zeeh, Bernd; Ammermann, Eberhard; Buschmann, Ernst; and Pommer, Ernst-Heinrich, 4,554,285, Cl. 514-383.000.

Pommer, Karl E., II, to GTE Automatic Electric Laboratories Incorporated. Power supply for telephone equipment memory devices. 4,532,382, 7-30-85, Cl. 179-81.00R.

Pommer, Leslie M.: *See—*
Lastrina, Frank A.; Pommer, Leslie M.; and Mayer, Jeffrey C., 4,527,387, Cl. 60-39.092.

Pommez, Philippe J. Absorbent article structure and absorbent article. 4,522,874, 6-11-85, Cl. 428-284.000.

Pommier, Alain Gaston, heir: *See—*
Pommier, Jean, deceased, 4,520,856. Cl. 152-454.000.

Pommier, Jean, deceased (by Pommier, Alain Gaston, heir), to Compagnie Generale des Etablissements Michelin. Radial tire for heavy loads. 4,520,856, 6-4-85, Cl. 152-454.000.

Pomona Service & Supply Co., Inc.: *See—*
Muller, John E.; and Muller, John E., Jr., 4,501,350, Cl. 198-478.000.

Pomot, Claude: *See—*
Arnal, Yves; Pelletier, Jacques; and Pomot, Claude, 4,534,842, Cl. 204-192.00E.

Pompe, Robert, to Swedish Institute for Silicate Research. Process for the production of mouldings from materials based on silicon nitride. 4,492,665, 1-8-85, Cl. 264-65.000.

Pompei, Michel: *See—*
Bernuchon, Marc; Pompei, Michel; and Gregoire, Daniel, 4,511,126, Cl. 267-140.100.

Pomphrey, Patrick J., Jr., to United States of America, Air Force. Interface alignment system. 4,530,602, 7-23-85, Cl. 356-138.000.

Pompier, Jean-Pierre, to Compagnie Generale des Etablissements Michelin. Radial carcass tire which can be particularly used without an independent inner tube. 4,554,960, 11-26-85, Cl. 152-450.000.

Pomponi, Edward A., Jr., to Binks Manufacturing Company. Fluid supply container for color changer. 4,526,191, 7-2-85, Cl. 137-206.000.

Pomponio, Daniel P., Sr., to Precision Automation Co., Inc. Liquid filling machine. 4,493,349, 1-15-85, Cl. 141-59.000.

Pomroy, James F.: *See—*
Colato, Albert E.; and Pomroy, James F., 4,539,455, Cl. 219-10.55E.

Pon, Chuck Y., to Dalmo Victor Operations, Bell Aerospace Textron, Div. of Textron, Inc. High speed high power step attenuator method and apparatus. 4,517,535, 5-14-85, Cl. 333-81.00A.

Pon, Francois; Voirin, Jean-Philippe; and Lucan, Andre, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Powder for developing latent images and a method of producing the powder. 4,514,484, 4-30-85, Cl. 430-106.600.

Ponant, Jacques, to Union Nationale des Cooperatives Agricoles de Transformation de la Betterave. Beet juice extracting process. 4,555,270, 11-26-85, Cl. 127-44.000.

Ponce, Felix C. Latch face template for a portable router. 4,553,336, 11-19-85, Cl. 33-197.000.

Ponce, Max; and Dumarcher, Gerard. Sanitary device for disposal of excretory matter of animals such as dogs. 4,502,413, 3-5-85, Cl. 119-1.000.

Poncept, Gerard. Apparatus for blood analysis. 4,545,237, 10-8-85, Cl. 73-61.400.

Poncet, Jean. Apparatus for manufacturing webs of polymer foam and a product obtained. 4,559,003, 12-17-85, Cl. 425-224.000.

Poncet, Jean-Pierre, to Allibert S.A. Transfer device for robots. 4,534,697, 8-13-85, Cl. 414-787.000.

Poncet, Pierre. Press with columns compensated for deformation during tightening. 4,533,313, 8-6-85, Cl. 425-451.200.

Poncha, Rustom P.: *See—*
Birkmaier, Albert A.; Harpell, Gary A.; Kurtz, Bruce E.; Patel, Gordhanbhai N.; Poncha, Rustom P.; Skovrinski, Adam L.; and Lesco, James M., 4,505,786, Cl. 204-38.400.

Pond, John B. Volume measurement system. 4,561,298, 12-31-85, Cl. 73-149.000.

Pond, Murray C. Kitchen table for camper. 4,501,457, 2-26-85, Cl. 312-314.000.

Pond, Stephen F.: *See—*
Drews, Reinhold E.; Fisher, Almon P.; Hermanson, Herman A.; and Pond, Stephen F., 4,531,137, Cl. 346-74.400.

Pond, Wilson G.: *See—*
Laurent, Sebastian M.; and Pond, Wilson G., 4,515,780, Cl. 424-154.000.

Pondes, Alfonsius A. T., to Comato B.V. Tool holder with tool. 4,555,202, 11-26-85, Cl. 407-117.000.

Pong, Richard G. S. Buoyant metering dispenser. 4,514,866, 5-7-85, Cl. 4-228.000.

Pong, Richard G. S.: *See—*
Nandagiri, Arun; and Pong, Richard G. S., 4,546,905, Cl. 222-189.000.

Ponghis, Nikolas G.; and Poos, Arthur G., to Centre de Recherches Metallurgiques. Operating a blast furnace with the injection of hot reducing gases. 4,521,246, 6-4-85, Cl. 75-42.000.

Pongo, Laszlo : *See—*
Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.

Pongor nee Csakvari, Marianna; Nagy, Gabor; Horvath, Gabor, David nee Kenez, Maria; Bozsoky, Sandor; Virag, Sandor; and Marmarosi nee Kellner, Katalin, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Synergistic antiphlogistic compositions and methods of use. 4,556,563, 12-3-85, Cl. 514-258.000.

Pongor, Sandor: *See—*
Cerami, Anthony; Pongor, Sandor; and Brownlee, Michael, 4,534,894, Cl. 260-112.700.

Pongrass, Robert G.; and Rutter, Christopher C. Moisture responsive stiffening members for flexible containers. 4,524,458, 6-18-85, Cl. 383-33.000.

Ponitzsch, Werner: *See—*
Reccius, Helmut; and Ponitzsch, Werner, 4,498,325, Cl. 72-302.000.

Ponjee, Johannes J.; Nelissen, Johan W. A.; and Verwijlen, Christiaan J. A., to U.S. Philips Corporation. Method of providing a metal layer on a substrate. 4,521,444, 6-4-85, Cl. 427-41.000.

Ponjee, Johannes J.; Smolders, Franciscus J. B.; and Verwijlen, Christiaan J. A., to U.S. Philips Corporation. Method of photolithographically treating a substrate. 4,529,618, 7-16-85, Cl. 427-82.000.

Ponjee, Johannes J.; and Verwijlen, Christiaan J. A., to U.S. Philips Corporation. Matrix and method of using an aliphatic alcohol coated silica glass matrix. 4,534,929, 8-13-85, Cl. 264-338.000.

Ponjee, Johannes J.; and Melgert, Frederik B., to U.S. Philips Corporation. Matrix and method of manufacturing articles of a synthetic resin by the matrix. 4,536,416, 8-20-85, Cl. 427-131.000.

Ponjee, Johannes J.: *See—*
Peeters, Winfried L.; Ponjee, Johannes J.; and Martens, Jan W. D., 4,493,887, Cl. 430-275.000.

Ponn, Frederick H., III: *See—*
Lower, Loren D.; Marzocchi, Alfred; Ponn, Frederick H., III; and Roberts, Michael G., 4,507,365, Cl. 428-489.000.

Ponomar, Vladislav I.: *See—*
Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.

Ponpipom, Mitree M.; Shen, Tsung-Ying; and Bugianesi, Robert L., to Merck & Co., Inc. Aralkyl and aralkenyl glycosides as inhibitors of antigen-specific T-cell proliferation. 4,554,349, 11-19-85, Cl. 536-55.000.

Pons, Robert L.: *See—*
Sobczak, Isidore F.; Cleveland, William C., Jr.; and Pons, Robert L., 4,535,961, Cl. 248-183.000.

Ponsford, Roger J., to Beecham Group Limited. Therapeutic compounds containing β-lactams. 4,505,894, 3-19-85, Cl. 424-114.000.

Ponsford, Roger J.; and Howarth, Thomas T., to Beecham Group p.l.c. Antibacterial agents. 4,548,815, 10-22-85, Cl. 424-114.000.

- Ponsinet, Gerard: *See—*
  - Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, 4,550,110, Cl. 514-254.000.
  - Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, 4,556,657, Cl. 514-252.000.
- Pont-a-Mousson S.A.: *See—*
  - Bak, Claude; Bellocci, Rio; and Colmet, Serge, 4,527,608, Cl. 164-58.100.
  - Barbe, Pierre L.; and Depoisson, Jean P., 4,505,453, Cl. 251-328.000.
  - Barbe, Pierre L. C. C., 4,541,613, Cl. 251-326.000.
  - Bellocci, Rio; and Pamart, Joel, 4,491,303, Cl. 266-114.000.
  - Bellocci, Rio; Gourmel, Yves; and Pierrel, Michel, 4,506,723, Cl. 164-421.000.
  - Bucher, Claude; and Lagabe, Andre, 4,546,987, Cl. 277-207.00A.
  - Fort, Pierre; and Pierrel, Michel, 4,541,477, Cl. 164-302.000.
  - Fournier, Pascal; and Peraud, Jean-Claude, 4,520,859, Cl. 164-253.000.
  - Fuminier, Claude, 4,541,316, Cl. 82-59.000.
  - Fuminier, Claude B., 4,517,867, Cl. 82-101.000.
  - Fuminier, Claude B., 4,549,678, Cl. 225-2.000.
  - Hauer, Jean-Claude; and Oger, Jacques, 4,494,891, Cl. 404-4.000.
  - Malivoir, Roger; and Mayer, Gilbert, 4,491,214, Cl. 198-374.000.
  - Malivoir, Roger; and Mayer, Gilbert, 4,535,882, Cl. 198-425.000.
  - Monnet, Bernard, 4,497,763, Cl. 264-255.000.
  - Oger, Jacques; Hauer, Jean-Claude; and Freis, Jean-Louis, 4,499,695, Cl. 52-19.000.
  - Peroux, Bernard; Santy, Jean; and Sutter, Jean, 4,510,965, Cl. 137-375.000.
- Pontagnier, Henri: *See—*
  - Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, 4,497,812, Cl. 514-211.000.
  - Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, 4,499,090, Cl. 514-210.000.
- Pontecorvo, John J. Trailer construction. 4,496,187, 1-29-85, Cl. 296-182.000.
- Pontefract, Ronald M., to Rowntree Mackintosh plc. Data logging device. 4,525,624, 6-25-85, Cl. 235-383.000.
- Ponticello, Gerald S., to Merck & Co., Inc. Process for preparing tricyclic indoles. 4,543,415, 9-24-85, Cl. 548-436.000.
- Ponticello, Gerald S.: *See—*
  - Baldwin, John J.; and Ponticello, Gerald S., 4,539,317, Cl. 514-222.000.
  - Baldwin, John J.; and Ponticello, Gerald S., 4,539,318, Cl. 514-222.000.
  - Baldwin, John J.; and Ponticello, Gerald S., 4,562,184, Cl. 514-222.000.
- Pontif, Marc: *See—*
  - Carpe, Michel; Collin, Claude; and Pontif, Marc, 4,509,206, Cl. 455-245.000.
- Pontius, Duane H.; and Bush, Phillip V., to United States of America, Environmental Protection Agency. Electrostatic precipitating system. 4,518,401, 5-21-85, Cl. 55-101.000.
- Pontius, Harold T., to Columbus Industries, Inc. Odor filter media. 4,504,290, 3-12-85, Cl. 55-316.000.
- Ponyicky, John F. Wall mounted liquid dispenser. 4,530,448, 7-23-85, Cl. 222-181.000.
- Ponzellini, Giulio, to Castelli S.p.A. Locking device for the assembling of modular elements of pieces of furniture. 4,511,108, 4-16-85, Cl. 248-188.700.
- Ponzo, Charles. Crab trap. 4,530,182, 7-23-85, Cl. 43-102.000.
- Ponzo, Charles. Crab trap. 4,554,760, 11-26-85, Cl. 43-105.000.
- Ponzoni, Ronald W.: *See—*
  - Sorge, Richard M.; Ponzoni, Ronald W.; and Shoaf, Myron D., 4,554,167, Cl. 426-285.000.
- Poock, Darwin N.; and Rathe, Robert A., to FMC Corporation. Floating sheave type pendant pay-out system for pendant supported boom. 4,491,228, 1-1-85, Cl. 212-239.000.
- Poock, Darwin N., to FMC Corporation. External pendant pay-out system with anti-droop control. 4,492,312, 1-8-85, Cl. 212-264.000.
- Poock, Darwin N., to FMC Corporation. External pendant pay-out system with anti-droop control. 4,544,071, 10-1-85, Cl. 212-264.000.
- Poock, Darwin N.; and Rathe, Robert A., to FMC Corporation. Method of controlling the angle of a pivotal boom with extensible sections. 4,557,391, 12-10-85, Cl. 212-270.000.
- Pook, Harold W. M., to Johnson, James Frederick John. Releasably mutually-adherent materials. 4,504,550, 3-12-85, Cl. 428-461.000.
- Pook, Roger: *See—*
  - Washington, Derek; and Pook, Roger, 4,511,822, Cl. 313-400.000.
- Pool, Daniel L., to PC Manufacturing Corporation. Roll holding fixture. 4,553,710, 11-19-85, Cl. 242-55.200.
- Pool, Danny J. Joystick occlusion gate control for video games. 4,538,035, 8-27-85, Cl. 200-6.00A.
- Poole, Anthony G.: *See—*
  - Scales, John T.; Poole, Anthony G.; Wilson, David; and Middleton, Anthony J., 4,504,990, Cl. 5-459.000.
- Poole, Burnet M., to Ampex Corporation. Method and apparatus for recording and reproducing television or other broad band signals with an altered time base effect. 4,553,185, 11-12-85, Cl. 360-10.100.
- Poole, Donald R., to Rockcor, Inc. Pelletizable propellant. 4,533,416, 8-6-85, Cl. 149-35.000.
- Poole, Douglas P., to Marconi Avionics Limited. Power inductive couplers. 4,558,271, 12-10-85, Cl. 323-306.000.
- Poole, Eddie D.: *See—*
  - Horton, Gilbert L.; Poole, Eddie D.; and Foreman, John W., Jr., 4,558,653, Cl. 112-262.200.
- Poole, Forrest R.; and Hansen, David G., to David Clark Company Incorporated. Transparent pressure garment. 4,531,516, 7-30-85, Cl. 128-89.00R.
- Poole, John S.; Gere, Dennis R.; Bell, Raymond J.; and Nickerson, Mark A., to Hewlett-Packard Company. Automated sample concentrator for trace components. 4,500,432, 2-19-85, Cl. 210-659.000.
- Poole, Joseph J.: *See—*
  - King, Charles S.; and Poole, Joseph J., 4,553,515, Cl. 123-308.000.
- Poole, Michael R. Device to prevent fuel flow from a fuel tank to an engine. 4,554,946, 11-26-85, Cl. 137-384.200.
- Poole, Steven J.: *See—*
  - Thompson, Norman C.; and Poole, Steven J., 4,495,630, Cl. 377-110.000.
- Poole, William L. Mini-desk. 4,552,419, 11-12-85, Cl. 312-281.000.
- Pooley, Frederick D., to University College Cardiff Consultants Limited. Microbial leaching of sulphide-containing ores. 4,497,778, 2-5-85, Cl. 423-27.000.
- Poon, Stephen S. C.: *See—*
  - Sabongi, Gebran J.; and Poon, Stephen S. C., 4,548,896, Cl. 430-332.000.
- Poorman, Richard M., to United States of America, National Aeronautics and Space Administration. Low gravity exothermic heating-/cooling apparatus. 4,513,810, 4-30-85, Cl. 165-61.000.
- Poortman, Boudewijn J.: *See—*
  - Bittner, Franz; Poortman, Boudewijn J.; Rademacher-Dubbick, Kristian; Roskam, Abram K.; Stevens, Udo; Tromp, Wouter T.; Beisler, Walter; Bock, Seigfried; and Bertsch, Hermann, 4,507,975, Cl. 73-861.120.
- Poos, Arthur G.: *See—*
  - Ponghis, Nikolas G.; and Poos, Arthur G., 4,521,246, Cl. 75-42.000.
- Poovey, Homer F., to Hickory Springs Manufacturing Company. Folding bed frame structure for sofa beds or the like. 4,523,342, 6-18-85, Cl. 5-250.000.
- Popchock, Richard T.: *See—*
  - Lech, Thaddeus, Jr.; and Popchock, Richard T., 4,502,582, Cl. 192-85.0AA.
  - Lech, Thaddeus, Jr.; and Popchock, Richard T., 4,537,296, Cl. 192-106.200.
- Pope, Bryan M.; and Hawkins, Richard. Oral orthopedic/orthodontic appliance for treating neuromuscular imbalance. 4,553,549, 11-19-85, Cl. 128-421.000.
- Pope, David W.: *See—*
  - Frater, John S.; and Pope, David W., 4,521,151, Cl. 415-131.000.
- Pope, George A.: *See—*
  - Cheetham, Ivan C.; and Pope, George A., 4,509,559, Cl. 138-121.000.
- Pope, H. Marie. Personal grooming device. 4,514,903, 5-7-85, Cl. 30-49.000.
- Pope, John R., to USM Corporation. Horn for use in transmitting ultrasonic vibrations. 4,499,845, 2-19-85, Cl. 116-137.00A.
- Pope, Noel C., to Boart International Limited. Drilling bit. 4,491,457, 1-1-85, Cl. 51-308.000.
- Popek, Marc H.; and Suarez, Jose I., to Motorola, Inc. Frequency modulation system for a frequency synthesizer. 4,494,090, 1-15-85, Cl. 332-16.00T.
- Popek, Marc H.: *See—*
  - Rice, Craig W.; and Popek, Marc H., 4,510,465, Cl. 332-16.00T.
- Popelish, John A.: *See—*
  - Lahut, Joseph A.; and Popelish, John A., 4,496,962, Cl. 346-74.500.
- Popelka, Gerald R.: *See—*
  - Engebretson, A. Maynard; Morley, Robert E., Jr.; and Popelka, Gerald R., 4,548,082, Cl. 73-585.000.
- Popelka, Susan R., to Abbott Laboratories. Optical apparatus for fluorescence polarization instrument. 4,516,856, 5-14-85, Cl. 356-368.000.
- Popendiker, Kurt: *See—*
  - Hinze, Heinz-Joachim; Soder, Alfons; and Popendiker, Kurt, 4,515,795, Cl. 514-263.000.
- Popescu, Francine. Alkaline bath for the electrodeposition of bright zinc. 4,536,261, 8-20-85, Cl. 204-55.00R.
- Popescu, Micrea C.: *See—*
  - Lenk, Robert P.; Fountain, Michael W.; Janoff, Andrew S.; Ostro, Marc J.; and Popescu, Micrea C., 4,522,803, Cl. 424-1.100.
- Popescu, Miron; and Gunsalus, Edward K., to Johnson & Johnson. Continuous removal of ethylene oxide from gaseous streams. 4,517,167, 5-14-85, Cl. 423-245.000.
- Popken, Jan H., to Popken Metaal B.V. Apparatus for the manufacture of profile segments. 4,523,209, 6-11-85, Cl. 364-469.000.
- Popken Metaal B.V.: *See—*
  - Popken, Jan H., 4,523,209, Cl. 364-469.000.
- Poplis, John: *See—*
  - Theilig, Arthur W.; and Poplis, John, 4,558,661, Cl. 119-43.000.
- Popma, Theo J. A.: *See—*
  - Joosten, Paul H.; Popma, Theo J. A.; Nabben, Hendrikus J. P.; Van Hal, Henricus A. M.; and Haisma, Jan, 4,492,721, Cl. 427-226.000.
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  - Heyraud, Marc, 4,543,507, Cl. 310-266.000.
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- Posinger, Stanley A.: *See—*
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  - Hansen, Per K., 4,506,354, Cl. 367-101.000.
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  - Poss, Werner, 4,561,834, Cl. 418-150.000.
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  - Emsley, Robert M.; and Pitt, Derek C., 4,509,635, Cl. 198-365.000.
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- Post, Steven W., to FMC Corporation. Constant flow positive displacement pump. 4,556,371, 12-3-85, Cl. 417-539.000.
- Post Technologies, Inc.: *See—*
  - Fish, Russell, III; and Yurchenco, James R., 4,524,242, Cl. 178-4.000.
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  - Borowski, Stanley J.; and Post, Thomas A., 4,541,954, Cl. 260-239.0BB.
- Post, Willem P., to Thomassen & Drijver-Verblifa N.V. Apparatus for cutting through or trimming a pipe or can in a plane transverse to its longitudinal axis. 4,510,830, 4-16-85, Cl. 83-114.000.
- Post, William L., to Pacific Display Corporation. Display stand. 4,534,473, 8-13-85, Cl. 211-58.000.
- Postbeschild, John W., to Smiths Industries Public Limited Company. Warm-air hand drying apparatus using an induced heated air flow. 4,497,999, 2-5-85, Cl. 219-365.000.
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  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,554,715, Cl. 28-107.000.
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  - Forrer, Robert E.; and Postier, Robert A., 4,514,246, Cl. 156-264.000.
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  - Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.
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  - Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., 4,560,646, Cl. 430-566.000.
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  - Donnelly, Edward N.; Haberkorn, Wilhelm A.; Hagen, Gerry A.; McGregor, Thomas R.; and Postman, William, 4,522,774, Cl. 264-168.000.
- Postnikov, Viktor M.: *See—*
  - Chachin, Viktor N.; Kolos, Vladimir K.; Botyan, Viktor V.; and Postnikov, Viktor M., 4,519,230, Cl. 72-56.000.
- Postolaty, Nikolai I.: *See—*
  - Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I., Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.
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  - Deman, Pierre; and Potage, Jean, 4,562,571, Cl. 370-7.000.
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- Potard, Claude, to Commissariat a l'Energie Atomique. Process for the treatment of a liquid mass. 4,546,811, 10-15-85, Cl. 164-66.100.
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  - Levin, Burton L.; Phelps, Andrew E.; and Potash, Hanan, 4,538,241, Cl. 364-900.000.
- Pote, Robert L., Jr., to Tempo, Inc. Golf training device. 4,511,142, 4-16-85, Cl. 273-87.400.
- Poteat, Tommy L.: *See—*
  - Baumhauer, John C., Jr.; Hershey, Harold J.; and Poteat, Tommy L., 4,533,795, Cl. 179-111.00E.
  - Busch-Vishniac, Ilene J.; Lindenberger, W. Stewart; Lynch, William T.; and Poteat, Tommy L., 4,558,184, Cl. 179-111.00R.
  - Lindenberger, W. Stewart; Poteat, Tommy L.; and West, James E., 4,524,247, Cl. 179-111.00R.
- Poteat, Vance E.: *See—*
  - Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., 4,512,016, Cl. 370-110.100.
- Poteet, Ken A., to Texas Instruments Incorporated. Sense amplifier circuit for dynamic read/write memory. 4,555,777, 11-26-85, Cl. 365-205.000.
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- Poth, Rainer, to Siemens Aktiengesellschaft. Driving mechanism for a three-position electrical switch. 4,507,641, 3-26-85, Cl. 337-6.000.
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  - Drexler, Hermann-Josef; Ebner, Franz; Hille, Hans-Dieter; and Poth, Ulrich, 4,558,090, Cl. 524-591.000.
- Pothier, Robert G., to Sanders Associates, Inc. Antenna coupler with ribbon gasket. 4,562,440, 12-31-85, Cl. 343-703.000.
- Potiron, Andre: *See—*
  - Bonnot, Guy; Laviolette, Pierre; Potiron, Andre; and Deysson, Jean-Yves, 4,521,353, Cl. 264-8.000.
- Potoff, Rubin. Screw cap construction. 4,503,987, 3-12-85, Cl. 215-329.000.
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  - Commons, Thomas J.; and Potoski, John R., 4,526,977, Cl. 548-246.000.
- Potsaid, Majic S.: *See—*
  - Castronovo, Frank P.; Strauss, Harry W.; and Potsaid, Majic S., 4,515,766, Cl. 424-1.100.
- Potschke, Jurgen: *See—*
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- Potter, E. L., to Textron, Inc. Chain saw automatic sharpening method and assembly. 4,506,565, 3-26-85, Cl. 76-25.00A.
- Potter, Gary J., to Cambridge Engineering, Inc. Flow measurement for exhaust-type canopy and ventilating hood. 4,552,059, 11-12-85, Cl. 98-115.100.
- Potter, J. H.: *See—*
  - Fischer, Robert L.; Pulcrano, Frank C.; Coldiron, Lee C.; Topping, Terry M.; Potter, J. H.; and Owens, Robert H., 4,557,661, Cl. 414-730.000.
- Potter, James C.: *See—*
  - Mowbray, Dorian F.; and Potter, James C., 4,526,519, Cl. 417-490.000.
  - Redston, Hugh W.; and Potter, James C., 4,540,155, Cl. 251-129.200.
- Potter, James L.: *See—*
  - Treybig, Duane S.; and Potter, James L., 4,528,391, Cl. 560-026.000.
- Potter, James S.: *See—*
  - Carley, Joseph L.; Potter, James S.; and Ciccotelli, Anthony A., 4,496,812, Cl. 200-159.00B.
- Potter, Jared M.: *See—*
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- Potter, John T., to Iquad Company Incorporated. Print guide mechanism. 4,493,571, 1-15-85, Cl. 400-144.200.
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- Potter, Robert S. Convertible restaurant seating. 4,553,359, 11-19-85, Cl. 52-173.00R.
- Potter, Russell M., to Owens-Corning Fiberglas Corporation. Easily formed chemically resistant glass fibers. 4,510,252, 4-9-85, Cl. 501-35.000.
- Potter, Steven E.: *See—*
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- Potter, Terry: *See—*
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  - Nicia, Antonius J. A.; and Potters, Cornelis J. T., 4,492,426, Cl. 350-96.150.
- Potters Industries, Inc.: *See—*
  - Abrams, John C., 4,496,475, Cl. 252-514.000.
- Potters, Michel, to Isover Saint-Gobain. Apparatus for forming fiber felts. 4,543,690, 10-1-85, Cl. 19-300.000.
- Pottgens, Anton, to Netter, Jean. Vibrator. 4,526,049, 7-2-85, Cl. 74-87.000.
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  - Boothe, Nancy G.; and Potts, Anthony M., 4,536,925, Cl. 24-511.000.
- Potts, C. P. Stands for supporting food shells during preparation and consumption. 4,501,367, 2-26-85, Cl. 211-13.000.
- Potts, David M.: *See—*
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- Potts, James E., to Union Carbide Corporation. Disposable articles coated with degradable water insoluble polymers. 4,503,098, 3-5-85, Cl. 427-394.000.
- Potts, James E.: *See—*
  - Kurtz, Stuart J.; and Potts, James E., 4,525,257, Cl. 204-159.200.
- Potts, Robert. Apparatus for winding an endless tape. 4,504,025, 3-12-85, Cl. 242-55.19R.
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- Potts, Timothy A.: *See—*
  - Lewis, Kenneth D.; and Potts, Timothy A., 4,548,545, Cl. 415-90.000.
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- Potzas, Peter, to USM Corporation. Pipe clip. 4,541,602, 9-17-85, Cl. 248-544.000.
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- Pou, Frederick M.; and Straub, Richard L., to Monarch Marking Systems, Inc. Printer with automatic stacker. 4,516,497, 5-14-85, Cl. 101-240.000.
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- Poubelle, Regis J. P.: *See—*
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- Pougnet, Philippe, to Commissariat a l'Energie Atomique. Magnetic bubble propagation device. 4,507,754, 3-26-85, Cl. 365-19.000.
- Poujois, Robert: *See—*
  - Audoin, Marcel; Fedeli, Jean-Marc; and Poujois, Robert, 4,543,564, Cl. 340-365.00C.
  - Clerget, Michel; Germain, Francois; Kryze, Jiri; and Poujois, Robert, 4,534,650, Cl. 356-376.000.
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  - Charron, Jean-Claude; Mulsant, Philippe; and Poujoulat, Yvan, 4,491,092, Cl. 122-18.000.
- Poulain, Guy: *See—*
  - Dien, Rene; and Poulain, Guy, 4,544,728, Cl. 528-21.000.
- Poulakis, John N.: *See—*
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- Poulin, Gilles. Automatic hook setter. 4,492,053, 1-8-85, Cl. 43-15.000.
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- Poulin, Maurice. Method for cleaning a septic tank. 4,525,277, 6-25-85, Cl. 210-601.000.
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  - Couture, Raymond; Couture, Raynald; and Poulin, Paul, 4,516,117, Cl. 340-685.000.
- Poulin, Susan B.; and Salamone, Ann B., to Morton Thiokol, Inc. Developer composition for positive photoresists using solution with cyclic quaternary ammonium hydroxides. 4,556,629, 12-3-85, Cl. 430-331.000.
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  - Hamel, Roger G.; and Poulin, Susan B., 4,491,554, Cl. 264-141.000.
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- Poulsen, Bo, to AGA Aktiebolag. Method and apparatus for cooling selected wall portions of a pressurized gas cylinder during its filling. 4,556,091, 12-3-85, Cl. 141-82.000.
- Poulsen, Harold W.: *See—*
  - Bogan, Leonard E.; Godwin, William R.; Hamersley, Richard A.; Poulsen, Harold W.; and Miller, Robert L., 4,530,086, Cl. 370-58.000.
- Poulsen, Jeffrey A.: *See—*
  - Norling, Thomas B.; Polkowski, Joseph H.; Poulsen, Jeffrey A.; and Robinson, Daniel E., 4,533,914, Cl. 340-825.790.
- Poulsen, Jorgen: *See—*
  - Baumbach, Per L.; and Poulsen, Jorgen, 4,539,994, Cl. 128-635.000.
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  - Buchheister, Sue; and Poulson, Ann, 4,509,921, Cl. 434-253.000.
- Poulson, Larry. Food heating apparatus. 4,491,065, 1-1-85, Cl. 99-327.000.
- Poumakis, Demetrius, to United Technologies Corporation. Fail-passive driver circuit. 4,560,938, 12-24-85, Cl. 328-71.000.
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  - Wallace, William E.; and Pourarian, Faiz, 4,512,965, Cl. 423-644.000.

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  - Bourgery, Guy R.; Lacour, Alain P.; Pourrias, Bernard M.; and Santamaria, Raphael, 4,536,500, Cl. 514-212.000.
- Pouru, Hannu J.: *See—*
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  - Athenes, Claude; Tarbouriech, Francois; and Poux, Gerard, 4,491,837, Cl. 340-825.020.
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- Pouyet, Jean, to Etablissements Lemoin & Cie. Process for acquiring data representative of the shape of an object. 4,542,328, 9-17-85, Cl. 318-573.000.
- Povazancova, Marta: *See—*
  - Durmis, Julius; Balogh, Alojz; Karvas, Milan; Hrachovcova, Maria; Masek, Jan; Caucik, Pavol; and Povazancova, Marta, 4,500,446, Cl. 252-403.000.
- Povelichenko, Anatoly P.: *See—*
  - Bely, Diamar I.; Mardanov, Valentin P.; Meschanov, Gennady I.; Peshkov, Izyaslav B.; Povelichenko, Anatoly P.; and Timoshin, Jury M., 4,497,867, Cl. 428-385.000.
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- Povio, Raymond A.; and Rebres, Robert P., to Xerox Corporation. Sheet feeding and separating apparatus employing a multiple piece entrance guide. 4,494,744, 1-22-85, Cl. 271-34.000.
- Povio, Raymond A.: *See—*
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- Povlick, Thomas P.; and Lund, Richard M., to General Electric Company. Arc welding torch having integrated wire feed. 4,532,406, 7-30-85, Cl. 219-124.340.
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- Powell, Clois E.: *See—*
  - Gruber, Norma J.; and Powell, Clois E., 4,491,646, Cl. 524-558.000.
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- Powell, David R.; and Patel, Vithal K., to Rowell Laboratories, Inc. Solid pharmaceutical formulations for slow, zero order release via controlled surface erosion: expanded range. 4,539,198, 9-3-85, Cl. 424-19.000.
- Powell, Dennis W.: *See—*
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- Powell, Fred D., to Simmonds Precision Products, Inc. Method and apparatus for sampling broad band spectra in fuel quantity measurement systems. 4,542,336, 9-17-85, Cl. 324-77.00B.
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  - Billington, Donald G.; Brooker, Reginald D.; Powell, Harry; Walker, Roger; Wilkins, David R. G.; and Weaver, Stuart, 4,552,065, Cl. 101-93.330.
- Powell, Herbert L.: *See—*
  - Powell, John J.; and Powell, Herbert L., 4,558,746, Cl. 172-421.000.
- Powell, Jack J.: *See—*
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- Powell, James E., to Shell Development Company. Trimethyl 6-oxabicyclo[3.2.1]octan-4-ols and 4-ones. 4,536,586, 8-20-85, Cl. 549-463.000.
- Powell, James E.: *See—*
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- Powell, Joe R.: *See—*
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- Powell, John M.: *See—*
  - Jones, Richard C.; and Powell, John M., 4,558,438, Cl. 367-71.000.
- Powell, Justin C.; and Levine, Stephen A., to Texaco Inc. Process for preparation of amides of unsaturated cyclic keto acids. 4,495,077, 1-22-85, Cl. 252-51.50A.
- Powell, Justin C., to Texaco Inc. Synthesis of alkenyl saturated aliphatic polycarboxylic acid anhydrides. 4,496,746, 1-29-85, Cl. 549-255.000.
- Powell, Lee: *See—*
  - Crocker, Charles L.; Wallace, Michael; and Powell, Lee, 4,553,384, Cl. 57-406.000.
- Powell, Lionel E.: *See—*
  - DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., 4,501,064, Cl. 29-832.000.
- Powell, Patrick L., to Standard Car Truck Company. Hubodometer adapted for selectable gear ratios. 4,506,147, 3-19-85, Cl. 235-95.00B.
- Powell, Philip R. Leather covering grip enhancement. 4,536,413, 8-20-85, Cl. 427-11.000.
- Powell, Richard: *See—*
  - Patrick, Thomas R.; Powell, Richard; and Berdanier, Barry N., 4,561,775, Cl. 356-5.000.
- Powell, Richard G.; and Smith, Cecil R., Jr., to United States of America, Agriculture. Sesbanimide and the use thereof in treating leukemic tumors. 4,532,327, 7-30-85, Cl. 546-214.000.
- Powell, Richard L., to Imperial Chemical Industries PLC. Heat pumps. 4,541,943, 9-17-85, Cl. 252-67.000.
- Powell, Richard L., to Imperial Chemical Industries PLC. Heat pumps. 4,559,154, 12-17-85, Cl. 252-69.000.
- Powell, Robert A., to Edison International Inc. Arc resistant halogen headlamp and wiring scheme therefor. 4,492,895, 1-8-85, Cl. 315-82.000.
- Powell, Robert F. Vehicle frame alignment gauge. 4,561,187, 12-31-85, Cl. 33-288.000.
- Powell, Robert M. Intraocular lens. 4,536,897, 8-27-85, Cl. 623-6.000.
- Powell, Roger M.; Marshall, Steven; and Waterworth, Philip D., to ACI Australia Limited. Container filling machine and method. 4,530,202, 7-23-85, Cl. 53-426.000.
- Powell, Roger W.: *See—*
  - Johnson, Gerald D.; and Powell, Roger W., 4,530,719, Cl. 75-124.000.
- Powell, Ronald A.; and Fulks, Ronald T., to Varian Associates, Inc. Process for producing a layer of a metal silicide by applying multichromatic radiation. 4,522,845, 6-11-85, Cl. 427-53.100.
- Powell, Stanley, to British Nuclear Fuels Limited. Gate assembly for ponds. 4,514,110, 4-30-85, Cl. 405-104.000.
- Powell, Steven. Fluid damping device for a compliant system. 4,517,844, 5-21-85, Cl. 73-707.000.
- Powell, Steven H., to Iomega Corporation. Servo control of seek operation in magnetic disk drive. 4,532,562, 7-30-85, Cl. 360-78.000.
- Powell, Thomas M.: *See—*
  - Bartlett, Donald S.; Boback, John A.; and Powell, Thomas M., 4,556,361, Cl. 414-744.00A.
  - Cummins, Michael A.; and Powell, Thomas M., 4,552,506, Cl. 414-735.000.
- Powell, William H.; and Witters, Hugo F. J., to International Standard Electric Corporation. Supervision of transmission systems. 4,499,600, 2-12-85, Cl. 455-9.000.
- Powell, William R.: *See—*
  - Fischell, Robert E.; Newman, Arnold L.; Riblet, Henry B.; and Powell, William R., 4,524,773, Cl. 128-419.00S.
- Power Access Corporation: *See—*
  - Griffith, Louis E., 4,524,657, Cl. 83-69.000.
- Power-Aid Industries (1980) Ltd.: *See—*
  - Garner, Alfred V.; and Nalder, William W., 4,555,352, Cl. 252-35.000.
- Power Climber, Inc.: *See—*
  - May, Marvin M.; Billings, Robert C.; Kendall, Harry A.; and Bayorgeon, Jeffrey T., 4,555,091, Cl. 254-267.000.
- Power Components Inc.: *See—*
  - Holley, David M., 4,550,899, Cl. 267-119.000.
- Power Distribution Inc.: *See—*
  - Mesenhimer, Lee O., 4,531,085, Cl. 323-214.000.
- Power, Donald L. Bosun chair support apparatus. 4,542,804, 9-24-85, Cl. 182-38.000.
- Power Piping Company: *See—*
  - Litz, Milton B., 4,509,561, Cl. 138-149.000.
- Power Pry Corporation: *See—*
  - Wilson, Randall J.; and Wilson, Bruce C., 4,522,054, Cl. 72-392.000.
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  - Freeny, Charles C., Jr., 4,539,483, Cl. 290-1.00R.
  - Freeny, Charles C., Jr.; and Rabin, Ronald J., 4,561,848, Cl. 434-18.000.
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- Powers, Donald H., Jr., to Chomerics, Inc. Electromagnetic shielding. 4,507,359, 3-26-85, Cl. 428-328.000.

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  Fecik, Michael T.; Ewing, John J.; and Mates, Edward I., 4,525,196, Cl. 65-287.000.
  Fecik, Michael T.; Bennett, Terry A.; and Ewing, John J., 4,539,031, Cl. 65-29.000.
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Prager, Jay M.; and Gonzales, Roman Y., to Gould Inc. Readily expandable input/output construction for programmable controller. 4,558,914, 12-17-85, Cl. 339-75.00R.

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Sunkara, Sai P.; and Prakash, Nellikunja J., 4,499,072, Cl. 424-85.000.

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Heims, Dirk; Ottermann, Hans-Gert; and Prang, Robert, 4,507,014, Cl. 404-102.000.

Prange, Charles J. Hose feeder guide apparatus. 4,540,017, 9-10-85, Cl. 137-355.120.

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Wyskott, Bernd; Prange, Rainer; Moller, Kurt; and Fleischer, Joachim, 4,549,906, Cl. 106-16.000.

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Pranger, Maarten R.: *See*—
Baran, Paul; and Pranger, Maarten R., 4,509,073, Cl. 358-86.000.

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Ronge, Helmut; Prantz, Erhard; and Schoerkhuber, Wolfgang, 4,540,635, Cl. 428-498.000.

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Haberfellner, Fritz; Mennicke, Stefan; and Prappacher, Gerd, 4,492,742, Cl. 429-104.000.

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- Prasad, Chandrika: *See—*
  - Miller, William R.; and Prasad, Chandrika, 4,518,112, Cl. 228-124.000.
- Prasad, Hari K.: *See—*
  - Federico, Anthony M.; Legg, Ernest L.; Wilczek, Stephen P.; Prasad, Hari K.; and Petery, James J., 4,550,382, Cl. 364-572.000.
- Prasad, Keni K., to Deere & Company. Lift and dump mechanism for a lawn debris collection box. 4,523,788, 6-18-85, Cl. 298-11.000.
- Prassas, Michel: *See—*
  - Boudot, Jean E.; Mazeau, Jean P.; and Prassas, Michel, 4,540,672, Cl. 501-65.000.
- Prasthofer, Willibald P.: *See—*
  - Schuerer, Paul H.; Ehl, James H.; and Prasthofer, Willibald P., 4,548,083, Cl. 73-827.000.
- Prat, Francois: *See—*
  - Hennechart, Jean-Paul; Bramaud, Bernard; and Prat, Francois, 4,502,408, Cl. 118-61.000.
- Prat, Gisele: *See—*
  - Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, 4,497,812, Cl. 514-211.000.
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- Prater, Cordell E., to Texas Instruments Incorporated. PMOS input buffer compatible with logic inputs from an NMOS microprocessor. 4,553,051, 11-12-85, Cl. 307-475.000.
- Prater, Keith B.; Thrash, Robert J.; and Connolly, John F., to Standard Oil Company (Indiana). Non-aqueous electrochemical cell and electrolyte. 4,520,083, 5-28-85, Cl. 429-101.000.
- Prather, Herbert W., Jr. Method of playing a moving surface ball game. 4,537,402, 8-27-85, Cl. 273-116.000.
- Prati, Giancarlo: *See—*
  - Picchi, Giorgio; and Prati, Giancarlo, 4,547,889, Cl. 375-15.000.
- Prato, Francesco, to Ing. C. Olivetti & C., S.p.A. Display device for photocopiers. 4,510,491, 4-9-85, Cl. 340-792.000.
- Prato, Pietro, to Minnesota Mining and Manufacturing Company. Coating apparatus and method for the curtain coating of liquid compositions using it. 4,510,882, 4-16-85, Cl. 118-300.000.
- Pratt, Allyn R.: *See—*
  - Kinley, Karl S.; and Pratt, Allyn R., 4,557,327, Cl. 166-241.000.
- Pratt Burnerd International Limited: *See—*
  - Jackson, Joseph F., 4,502,704, Cl. 279-111.000.
  - Jackson, Joseph F.; and Waite, Ralph A., 4,506,896, Cl. 279-118.000.
- Pratt, Charles E., to Joseph Ayers, Inc. Modified aluminum tri-alkoxide compounds. 4,525,307, 6-25-85, Cl. 556-182.000.
- Pratt, Charles E., to Joseph Ayers, Inc. Aluminum soap greases. 4,557,842, 12-10-85, Cl. 252-37.700.
- Pratt, Donna K.; and Terrell, Jamie B., to Gearhart Industries, Inc. Downhole chemical cutting tool. 4,494,601, 1-22-85, Cl. 166-55.000.
- Pratt, Donna K.: *See—*
  - Terrell, Jamie B.; and Pratt, Donna K., 4,491,178, Cl. 166-192.000.
- Pratt, Jeremy D.: *See—*
  - Ashton, Michael J.; Cook, David C.; Daniels, Colin J.; Loveless, Anthony H.; Pratt, Jeremy D.; and Bull, Bernard T., 4,507,315, Cl. 514-396.000.
- Pratt, John D.; and Ramirez, Raymond, to Monogram Industries, Inc. Wedge-type low profile fastener. 4,537,542, 8-27-85, Cl. 411-55.000.
- Pratt, John D., to Monogram Industries, Inc. Wedge-type fastener. 4,548,533, 10-22-85, Cl. 411-55.000.
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  - Brennan, Edward J.; and Pratt, John H., Jr., 4,509,795, Cl. 297-434.000.
- Pratt, Michael J. Collapsible cup holder. 4,530,480, 7-23-85, Cl. 248-311.200.
- Pratt-Read Corporation: *See—*
  - Feagans, Frederick C.; and Nordquist, Albert W., 4,500,756, Cl. 200-5.00A.
- Pratt, Robert G.: *See—*
  - Meese, William G.; Pratt, Robert G.; Charneski, Mitchell D.; Brokenshire, Robert E.; and Whitney, Bruce F., 4,532,418, Cl. 235-381.000.
- Pratt, Rodger. Crimping tool. 4,531,397, 7-30-85, Cl. 72-451.000.
- Pratt, Russell W., Sr. Wheel rim wrench. 4,561,331, 12-31-85, Cl. 81-464.000.
- Pratt, Sandra L.; Lucas, Gary M.; and Zembayashi, Michio, to General Electric Company. Non-corrosive silicone RTV compositions. 4,499,234, 2-12-85, Cl. 524-783.000.
- Pratt, W. Robert: *See—*
  - Macur, George J.; Pratt, W. Robert; and Sharkness, James E., 4,512,900, Cl. 210-748.000.
- Pratt & Whitney Aircraft of Canada Limited: *See—*
  - Saintsbury, John A.; Sampath, Parthasarathy; and Weinberg, Maurice, 4,549,402, Cl. 60-738.000.
- Pratt & Whitney Canada Inc.: *See—*
  - Breitman, Daniel S.; and Langenegger, Henrique, 4,509,962, Cl. 55-306.000.
  - Peterson, Gudmundur P.; and d'Anjou, Daniel, 4,522,026, Cl. 60-39.281.
  - Poirier, Roger; and Hamill, Donald F., 4,557,141, Cl. 73-117.200.
- Pratz, Clarence L.; and DiClemente, Archimede, to Eagle Manufacturing Company. Safety can for storage of liquids. 4,491,251, 1-1-85, Cl. 222-469.000
- Pravda, Milton F. Apparatus useful for rapidly determining the molecular weight of a flowing gaseous material. 4,527,417, 7-9-85, Cl. 73-23.000.
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- Prave, Paul; and Sittig, Wolfgang, to Hoechst Aktiengesellschaft. Process for improving the gas distribution in air-lift loop reactors. 4,545,945, 10-8-85, Cl. 261-36.00R.
- Prawdzik, Joseph F., to Tiger Products, Inc. Kicker wheel with replaceable surface for bowling apparatus. 4,521,019, 6-4-85, Cl. 273-49.000.
- Praxator, Helmut: *See—*
  - Bottcher, Rolf; Heise, Rolf; and Praxator, Helmut, 4,527,793, Cl. 271-263.000.
- Praxmarer, Alfred: *See—*
  - Flamm, Peter M.; Mlynek, Daniel; Schmidtpott, Friedrich; and Praxmarer, Alfred, 4,539,583, Cl. 358-27.000.
- Pray, David M., to Trenco, Inc. Empty can counter and limiter. 4,545,062, 10-1-85, Cl. 377-6.000.
- Prazak, Roman: *See—*
  - Marsicek, Zdenek; Janeba, Jaroslav; Pacha, Antonin; Pastrnak, Ales; Dykast, Jaroslav; and Prazak, Roman, 4,534,042, Cl. 377-16.000.
- Prechner, Roland: *See—*
  - Morin, Daniel; and Prechner, Roland, 4,549,584, Cl. 141-73.000.
- Prechtel, Georg, to Willy Scheuerle Fahrzeugfabrik GmbH & Co. Heavy-duty vehicle system. 4,505,347, 3-19-85, Cl. 180-14.200.
- Prechtel, Georg: *See—*
  - Scheuerle, Willy; and Prechtel, Georg, 4,494,624, Cl. 180-308.000.
- Preci-Tech Ltd.: *See—*
  - Lindmayer, Istvan; and Grunwald, Raymond M., 4,518,385, Cl. 604-68.000.
- Preciculture: *See—*
  - Lestradet, Denis, 4,558,760, Cl. 180-169.000.
- Precision Automation Co., Inc.: *See—*
  - Pomponio, Daniel P., Sr., 4,493,349, Cl. 141-59.000.
- Precision Electronics, Inc.: *See—*
  - Janko, Mike A.; and Broberg, David K., 4,504,851, Cl. 358-10.000.
- Precision Engineering Products Limited (Suffolk): *See—*
  - Giles, Alan F., 4,550,793, Cl. 177-145.000.
- Precision Fukuhara Works, Ltd.: *See—*
  - Sawazaki, Masatoshi; and Yorisue, Shozo, 4,534,187, Cl. 66-120.000.
- Precision Grinding Limited: *See—*
  - Andrews, Stanley W., 4,525,041, Cl. 350-484.000.
  - Fisher, John H.; and Ferdinandi, Frank, 4,551,795, Cl. 364-139.000.
- Precision Hardware, Inc.: *See—*
  - Williams, Lawrence D., 4,491,354, Cl. 292-148.000.
- Precision Machine Products, Inc.: *See—*
  - Hall, Kenneth R.; and Holste, James C., 4,527,435, Cl. 73-863.030.
- Precision Mecanique Labinal: *See—*
  - Brosillon, Raymond M., 4,529,913, Cl. 315-224.000.
  - Chapelot, Raymond, 4,560,219, Cl. 339-60.00R.
- Precision Metal Fabricators, Inc.: *See—*
  - Lenhart, Ronald A., 4,521,130, Cl. 406-86.000.
  - Lenhart, Ronald A., 4,560,060, Cl. 198-803.500.
  - Lenhart, Ronald A., 4,561,806, Cl. 406-88.000.
- Precision Monolithics, Inc.: *See—*
  - Bowers, Derek F., 4,503,381, Cl. 323-315.000.
  - Butler, James R., 4,538,115, Cl. 330-253.000.
  - Hoeft, Werner H., 4,542,349, Cl. 330-279.000.
- Precision Plumbing Products, Inc.: *See—*
  - Mosbrucker, Gregory A.; and Abelein, Dewayne M., 4,497,337, Cl. 137-247.250.
- Precision Punch & Plastics Co.: *See—*
  - Heim, Robert J., 4,529,660, Cl. 428-423.100.
- Precision Steel Warehouse, Inc.: *See—*
  - Lipscomb, Robert J., 4,509,891, Cl. 414-113.000.
- Precision Strip Technology, Inc.: *See—*
  - Eiting, John C., 4,541,163, Cl. 29-426.500.
  - Eiting, John R., 4,508,282, Cl. 242-56.200.
- Precision Surgical Instruments, Inc.: *See—*
  - Caspari, Richard B.; Whipple, Terry L.; and Thimsen, James A., 4,549,540, Cl. 128-133.000.
- Precision Timer Co., Inc.: *See—*
  - Bentz, Joseph W., 4,496,305, Cl. 431-1.000.
- Precision Valve Corporation: *See—*
  - Abplanalp, Robert H.; and Naku, Virgil, 4,559,198, Cl. 264-259.000
- Precitronic Gesellschaft fur Feinmechanik und Electronic mbH: *See—*
  - Eichweber, Kurt, 4,527,483, Cl. 102-521.000.
  - Eichweber, Kurt, 4,561,849, Cl. 434-22.000.
- Preco Industries, Inc.: *See—*
  - Raney, Charles C.; and Gramling, James T., 4,555,968, Cl. 83-209.000.
- Preco Industries Limited: *See—*
  - Ilukowicz, Robert J., 4,498,270, Cl. 52-685.000.
- Precor Incorporated: *See—*
  - Smith, David B.; Miller, Randolph F.; and Moore, John M., 4,533,136, Cl. 272-73.000.
- Precourt, Normand E., to Cipher Data Products, Inc. Recording system for recording data on tape in a disk-recording format. 4,541,019, 9-10-85, Cl. 360-15.000.
- Preddey, Brian F.; and Mills, Laurence P., to Taboola Pty. Ltd. Cylinder locks and keys therefor. 4,498,327, 2-12-85, Cl. 72-341.000.

Preedy, John R., to Thos. Hill & Company Limited. Apparatus and method for moving materials. 4,508,208, 4-2-85, Cl. 198-751.000.
Preformed Line Products Company: *See—*
  Goetter, Erwin H., 4,549,040, Cl. 174-92.000.
  Rosa, Aristheu A., 4,523,355, Cl. 24-115.00N.
  Sprick, Theo, 4,527,854, Cl. 339-98.000.
Preformed Marine, Inc.: *See—*
  Albert, Frank, Jr., 4,501,511, Cl. 403-24.000.
Pregermain, Simone; Charcosset, Henri; and Andres, Michele, to Charbonnages de France; Gaz de France; Institut Francais du Petrole; and Centre National de la Recherche Scientifique. Process for the liquid phase hydrogenation of coal. 4,510,039, 4-9-85, Cl. 208-10.000.
Pregozen, David; and Hiller, John J., Jr., to Sterling Drug Inc. Antistatic fabric conditioner compositions and method. 4,559,151, 12-17-85, Cl. 252-8.800.
Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co.: *See—*
  Ambros, Peter; and Gatzke, Erich, 4,555,533, Cl. 523-440.000.
  Hochgesang, Gerhard, 4,531,793, Cl. 339-17.00F.
  Oelsch, Jurgen, 4,527,030, Cl. 200-306.000.
  Schimmelpfennig, Wolfgang; and Siede, Heinz-Jurgen, 4,516,027, Cl. 250-338.000.
  Viebrantz, Hans-Joachim, 4,493,959, Cl. 200-340.000.
  Westermeir, Gisela; and Fehr, Friedhard, 4,555,745, Cl. 361-320.000.
Preikschat, Fritz K. Target simulation system. 4,521,780, 6-4-85, Cl. 343-17.700.
Prein, Franz: *See—*
  Karning, Heinrich; Prein, Franz; and Vierling, Karl-Heinz, 4,499,582, Cl. 372-93.000.
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Preiner, Gerhard; and Muller, Johann, to Wacker-Chemie GmbH. Method for preparing asymmetrical disiloxanes. 4,515,976, 5-7-85, Cl. 556-453.000.
Preiner, Gerhard; Huhn, Karl; Muller, Johann; Marwitz, Heinrich; and Ullrich, Kurt, to Wacker-Chemie GmbH. Organopolysiloxanes having SiC-bonded oxyalkylene units and a method for preparing the same. 4,533,477, 8-6-85, Cl. 252-8.900.
Preiner, Gerhard: *See—*
  Hockemeyer, Friedrich; and Preiner, Gerhard, 4,554,339, Cl. 528-26.000.
Preis, Hans M.: *See—*
  Heimburger, Norbert; Kumpe, Gerhardt; Wormsbacher, Wilfried; and Preis, Hans M., 4,562,072, Cl. 424-101.000.
Preis, Lothar; Hoffmann, Jurgen; and Rompf, Kurt, to Bayer Aktiengesellschaft. Anchoring element for fibrous composite materials. 4,526,492, 7-2-85, Cl. 403-268.000.
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  Kotulla, Bernhard; Weiser, Martin; Faltin, Jurgen; Preis, Lothar; Schmidt, Rudolf; and Born, Eberhard, 4,501,516, Cl. 405-260.000.
Preiser, Herman S.; Ticker, Arthur; and Hatley, Kenneth J. Method and apparatus for coating submerged portions of floating structures. 4,522,882, 6-11-85, Cl. 428-351.000.
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Preist, Donald H., to Varian Associates, Inc. Density modulated electron beam tube with enhanced gain. 4,527,091, 7-2-85, Cl. 315-5.000.
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Preiswerk, Werner; and Bruttel, Beat, to Ciba-Geigy Corporation. Process for preventing the gelation of concentrated aqueous photoactivator solutions. 4,552,562, 11-12-85, Cl. 8-101.000.
Preliasco, Richard J.: *See—*
  Craighead, Norwood D., II; Preliasco, Richard J.; and Hult, Timothy D., 4,558,967, Cl. 403-113.000.
Prellwitz, Hubert, to VEB Kombinat Fortschritt Landmaschinen. Baler knotting device with complementary knotter and stripper. 4,511,165, 4-16-85, Cl. 289-8.000.
Prem, Dorothy C.: *See—*
  Duke, June T.; Mazeke, Herbert F.; and Prem, Dorothy C., 4,504,605, Cl. 523-201.000.
Premel, Ulrich; and Becker, Jorgen, to L. & C. Steinmuller GmbH. Gas liquid parallel flow direct current heat exchanger. 4,538,676, 9-3-85, Cl. 165-145.000.
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  Hardy, Robert M.; and Premerlani, William J., 4,525,763, Cl. 361-24.000.
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  Wantuch, Ernest, 4,527,134, Cl. 333-1.100.
Premium Plastics, Inc.: *See—*
  Stephenson, Stanley, 4,526,172, Cl. 128-322.000.
Premuzic, Eugene T.: *See—*
  Casey, Adria C.; Adler, Alan D.; and Premuzic, Eugene T., 4,525,350, Cl. 424-94.000.
Prengaman, Richard J.; Thurber, Robert E.; Phipps, Joe; Greenberg, Ronald I.; Hom, Wai L.; Jaworski, James F.; and Riffle, Guy W., to Johns Hopkins University, The. Retrospective data filter. 4,550,318, 10-29-85, Cl. 343-5.0PD.
Prenger, Werner H., to Copeland Corporation. Discharge valve assembly. 4,548,234, 10-22-85, Cl. 137-543.190.
Prenner, Herbert; Ulrich, Urban; Voser, Max; and Zimmerli, Beat, to BBC Brown, Boveri & Company, Limited. Compact A.C. machine having plural ventilation ducts. 4,528,469, 7-9-85, Cl. 310-59.000.
Prenner, Herbert; and Schroder, Paul, to BBC Brown, Boveri & Company, Limited. Gas cooled alternating current machine. 4,544,855, 10-1-85, Cl. 310-59.000.
Prenosil, Stanley W.: *See—*
  Zola, J. Richard; and Prenosil, Stanley W., 4,501,305, Cl. 141-86.000.
Prentice, Alan L.: *See—*
  Allam, Rodney J.; and Prentice, Alan L., 4,535,594, Cl. 60-654.000.
Prentice Corporation: *See—*
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Prentice, John S.; and Cotreau, Gerald M., to Harris Corporation. Circuit for increasing voltage gain. 4,560,948, 12-24-85, Cl. 330-282.000.
Prentiss, William C.; and Price, David N., to Rohm and Haas Company. Process for producing leather. 4,526,581, 7-2-85, Cl. 8-94.330.
Prepodnik, Kay E.; Finn, Peter A.; and Manning, Daniel J., to Kelch Corp., The. Receptacle for beverage container. 4,519,219, 5-28-85, Cl. 62-457.000.
Presby, Herman M.: *See—*
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  Arntz, Dietrich; Prescher, Gunter; Burkhardt, Werner; Heilos, Johannes; and Manner, Reinhard, 4,521,618, Cl. 562-535.000.
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Prescher, Gunther: *See—*
  Bergstein, Wolfgang; Friedrich, Heinz; Kleemann, Axel; Prescher, Gunther; and Beschke, Helmut, 4,496,729, Cl. 544-336.000.
Preschutti, Joseph P.; and Pavlic, John C., to C-COR Electronics, Inc. Feed forward circuit and a method for aligning and balancing the same. 4,517,521, 5-14-85, Cl. 330-2.000.
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Prescott, Everett J. Adjustable manhole frame and method of construction and installation. 4,536,103, 8-20-85, Cl. 404-26.000.
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  Grotz, Bernard J.; Parnkopf, Fiske O.; and Prescott, G. Robert, 4,554,135, Cl. 422-148.000.
Prescott, Leo L., Jr.; and Eddy, Bryon C. Bow string grip and release. 4,556,041, 12-3-85, Cl. 124-35.00A.
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Prescott, Rochelle; and Leiner, Dennis C., to Dyonics, Inc. Optical system. 4,515,444, 5-7-85, Cl. 350-413.000.
President and Directors of Georgetown University: *See—*
  Gregory, William D., 4,493,039, Cl. 364-414.000.
President and Fellows of Harvard College: *See—*
  Leder, Philip, 4,542,096, Cl. 435-6.000.
Presley, Glen T.; and Lautzenhiser, Lloyd L., to Electro-Hydraulic Controls, Inc. Proportional-flow electrohydraulic control. 4,510,963, 4-16-85, Cl. 137-117.000.
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  Fischer, William H., 4,518,015, Cl. 138-93.000.
Press, Inc., The: *See—*
  Thul, James L., 4,537,310, Cl. 206-526.000.
Press, Irving D., to UMC Industries, Inc. Joint for plastic lined lightweight metal piping. 4,494,776, 1-22-85, Cl. 285-55.000.
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Press, Jeffery B.: *See—*
  Wright, William B., Jr.; Press, Jeffery B.; and Tomcufcik, Andrew S., 4,542,145, Cl. 514-383.000.
  Wright, William B., Jr.; and Press, Jeffery B., 4,555,519, Cl. 514-340.000.
Press Machinery Corporation: *See—*
  Schwartz, Michael A.; and Yamagata, Toshio, 4,494,457, Cl. 101-217.000.
Pressaco, Pierre; and Carre, Jean-Jacques, to Societe Anonyme D.B.A. Servo-motor for power-assisted braking. 4,499,812, 2-19-85, Cl. 91-376.00R.
Pressaco, Pierre: *See—*
  Carre, Jean-Jacques; Pressaco, Pierre; and Mery, Jean-Claude, 4,503,949, Cl. 188-79.50P.
  Carre , Jean-Jacques; and Pressaco, Pierre, 4,553,646, Cl. 188-196.0BA.
  Carre, Jean-Jacques; and Pressaco, Pierre, 4,560,209, Cl. 303-22.00R.
  Riquart, Christian; Volan, Gerard; and Pressaco, Pierre, 4,503,954, Cl. 188-331.000.

Presser, Adolpin, to RCA Corporation. Planar, lumped element, matched N-way power divider. 4,556,856, 12-3-85, Cl. 333-124.000.
Presser, Gustave S., to Acme Engineering Products Ltd. Detection and control system based on ambient air quality. 4,499,377, 2-12-85, Cl. 250-343.000.
Pressman, David: *See—*
  Goulter, Victor H., 4,535,911, Cl. 220-404.000.
Pressmaster Tool AB: *See—*
  Norin, Mats; and Persson, Lars-Olov, 4,503,574, Cl. 7-107.000.
Pressure Pak, Inc.: *See—*
  Jernberg, Robert H., 4,557,300, Cl. 141-5.000.
Pressure Science Incorporated: *See—*
  Halling, Horace P., 4,553,775, Cl. 285-55.000.
Pressure Systems, Inc.: *See—*
  Sexton, John M., 4,512,191, Cl. 73-337.500.
Prestel, David J., to Gould Inc. Fiber optic acoustic transducer intrusion detection system. 4,538,140, 8-27-85, Cl. 340-556.000.
Prestele, Karl, to Siemens Aktiengesellschaft. Method and device for flow measurement of small liquid volumes. 4,559,831, 12-24-85, Cl. 73-861.050.
Prestele, Karl: *See—*
  Franetzki, Manfred; and Prestele, Karl, 4,511,355, Cl. 604-131.000.
  Franetzki, Manfred; Gagneur, Klaus; and Prestele, Karl, 4,559,037, Cl. 604-151.000.
Prester, Lorrain W. Lamp. 4,535,395, 8-13-85, Cl. 362-267.000.
Prester, Lorrain W. Lamp. 4,553,195, 11-12-85, Cl. 362-310.000.
Presti, Francis A., Jr. Shower stall threshold. 4,551,870, 11-12-85, Cl. 4-613.000.
Prestia, Joseph: *See—*
  Haza, Robert R., 4,561,654, Cl. 273-63.00B.
Prestige Billiards Pty. Ltd.: *See—*
  Schill, Alfred G., 4,519,607, Cl. 273-5.00B.
Prestige Group PLC, The: *See—*
  Robinson, Geoffrey, 4,560,143, Cl. 251-338.000.
Presto Lock, Inc.: *See—*
  Bako, Lazlo; and Scelba, Stephen S., 4,499,681, Cl. 42-1.00Y.
  Bako, Lazlo, 4,520,641, Cl. 70-312.000.
  Remington, Richard C.; and Bott, Lonnie C., 4,495,540, Cl. 361-172.000.
  Remington, Richard C., 4,523,167, Cl. 335-230.000.
Preston, Dennis W. Totally adjustable campfire cooking grill. 4,538,589, 9-3-85, Cl. 126-30.000.
Preston, Edward G.; and Stewart, David B., to Molins PLC. Feeding particulate material, especially tobacco. 4,510,949, 4-16-85, Cl. 131-109.00R.
Preston, Edward G.: *See—*
  Arther, Hugh M.; Preston, Edward G.; Stewart, David B.; and Wood, Godfrey A., 4,528,050, Cl. 156-62.400.
Preston Engravers, Inc.: *See—*
  Kesten, Martin, 4,507,996, Cl. 83-344.000.
  Kesten, Martin, 4,542,671, Cl. 83-343.000.
Preston, George V., III, to North American Philips Corporation. Fluorescent sunlamp having controlled ultraviolet output. 4,524,299, 6-18-85, Cl. 313-487.000.
Preston, John; and Carling, William R., to Imperial Chemical Industries PLC. Amide derivatives. 4,528,282, 7-9-85, Cl. 514-19.000.
Preston, John M.; Ward, Thomas V.; and Morrow, William H., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Correlation spectrometer for nerve agents. 4,516,857, 5-14-85, Cl. 356-418.000.
Preston, John S., to Council for Mineral Technology. Selective solvent extraction using organophosphorus and carboxylic acids and a non-chelating aldehyde oxime. 4,528,167, 7-9-85, Cl. 423-139.000.
Preston, Joseph R.; and Hillenbrand, Louis J., to Battelle Development Corporation. Static free molded plastic parts. 4,557,807, 12-10-85, Cl. 204-4.000.
Preston, Neil: *See—*
  Juarez, Manuel; and Preston, Neil, 4,533,144, Cl. 273-311.000.
Preston, Stephen W. Element removal tool for system carrying fluid under pressure. 4,550,481, 11-5-85, Cl. 29-213.00R.
Preston, Thomas: *See—*
  Roskell, Derek; Schabowski, John V.; Guttag, Karl M.; McDonough, Kevin C.; Shore, Brian; and Preston, Thomas, 4,532,587, Cl. 364-200.000.
Preston, William. Partition structure. 4,534,146, 8-13-85, Cl. 52-239.000.
Prestwich, Glenn D., to Research Foundation of State University of New York, The. Reactive pheromone mimics for insect mating disruption. 4,544,504, 10-1-85, Cl. 260-408.000.
Prete, Ernest, Jr.; and Knox, Howard, to Ancra Corporation. Ratchet buckle with a removable operating lever. 4,510,651, 4-16-85, Cl. 24-68.00R.
Prete, Ralph, to Stone Safety Corporation. Chopping type electrical converter. 4,500,949, 2-19-85, Cl. 363-28.000.
Pretorius, Rapha E.: *See—*
  Yelland, Christopher P.; and Pretorius, Rapha E., 4,494,163, Cl. 361-56.000.
Pretty Products, Inc.: *See—*
  Bell, Ted A., 4,516,682, Cl. 211-59.100.
Preuk, Gerhard: *See—*
  Simon, Fritz; Korber, Klaus; Bandelow, Horst; Scherer, Michael; Wilke, Dieter; Thron, Werner; and Preuk, Gerhard, 4,554,707, Cl. 17-47.000.
Preuss, Bernhard; and Manthe, Karl-Heinz, to Siemens Aktiengesellschaft. Electrodynamically opening contact system. 4,562,419, 12-31-85, Cl. 335-195.000.
Preuss, Reinhard; Perrey, Hermann; Ritter, Helmut; Reinecke, Paul; and Brandes, Wilhelm, to Bayer Aktiengesellschaft. Fungicidal phosphorylated azolyl derivatives. 4,535,074, 8-13-85, Cl. 514-93.000.
Preuss, Wolfgang, to Henkel Kommanditgesellschaft auf Aktien. Steroid-20-carboxylic acid compounds and a process for their production. 4,519,949, 5-28-85, Cl. 260-397.100.
Preussag-Weser-Zink GmbH: *See—*
  Laveyne, Michel; and Palvadeau, Claude, 4,557,908, Cl. 423-164.000.
Preussner, Theodor. Stranding device for stranding machines, particularly a pre-twist and drafting device. 4,549,394, 10-29-85, Cl. 57-58.570.
Prevel, Pierre, to Societe Normande de Recherches et de Participation. Process for the antifelting treatment of keratinous fibres, comprising a basic oxidation catalyzed by a metal salt, and fibres so obtained. 4,492,585, 1-8-85, Cl. 8-493.000.
Previdoli, Felix; and Tenud, Leander, to Lonza Ltd. Process for the producton of 4-substituted acetoacetic acid derivatives. 4,545,934, 10-8-85, Cl. 260-239.00E.
Previero, Aldo: *See—*
  Commeyras, Auguste; Previero, Aldo; and Pugniere, Martine, 4,540,792, Cl. 548-344.000.
Prevorsek, Dusan C.: *See—*
  Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,501,856, Cl. 525-240.000.
  Harpell, Gary A.; Kavesh, Sheldon; Palley, Igor; and Prevorsek, Dusan C., 4,543,286, Cl. 428-288.000.
  Kavesh, Sheldon; and Prevorsek, Dusan C., 4,536,536, Cl. 524-462.000.
  Kavesh, Sheldon; and Prevorsek, Dusan C., 4,551,296, Cl. 264-177.00F.
Prevot, Claude: *See—*
  Bernard, Jacques; Rovel, Jean-Marie; Nicol, Roger; and Prevot, Claude, 4,561,974, Cl. 210-151.000.
Prew, Stanley R., to Koppers Company, Inc. Method and apparatus for mixing particulate material. 4,493,556, 1-15-85, Cl. 366-114.000.
Prew, Stanley R., to Koppers Company, Inc. Hog granulator. 4,545,538, 10-8-85, Cl. 241-73.000.
Prewer, Richard W., to International In-Store Sales Limited. Dispensing arrangement for advertising coupons. 4,530,200, 7-23-85, Cl. 53-157.000.
Prewett, Phillip D.: *See—*
  Cockhill, Thomas D.; Pashley, Neil A.; Prewett, Phillip D.; and Jefferies, Derek K., 4,516,052, Cl. 313-546.000.
Prewitt, William T.; and Van Dyke, James A., to Goodyear Tire & Rubber Company, The. Rheometer and process of curing and testing rubber. 4,546,438, 10-8-85, Cl. 364-473.000.
Prey, Jorg: *See—*
  Pav, Josef; Hartwich, Gerhard; and Prey, Jorg, 4,491,283, Cl. 242-67.10R.
Prezas, Dimitrios P., to AT&T Bell Laboratories. Pitch detector for speech analysis. 4,561,102, 12-24-85, Cl. 381-49.000.
Prezelj, Milan: *See—*
  Osterburg, Gunther; and Prezelj, Milan, 4,544,776, Cl. 568-697.000.
Preziosi, Anthony F.: *See—*
  Patel, Gordhanbhai N.; Preziosi, Anthony F.; Bhattacharjee, Himangshu R.; and Lee, Lester T. C., 4,550,150, Cl. 526-233.000.
Preziuso, Ciro: *See—*
  Colle, Roberto; Gozzo, Franco; Preziuso, Ciro; Barrett, Antony G. M.; and Barton, Derek H. R., 4,529,437, Cl. 71-94.000
Priamo, Lawrence; and MacKenzie, Robert B., to International Standard Electric Corporation. Telecommunications systems with user programmable features. 4,530,090, 7-16-85, Cl. 370-58.000.
Priaroggia, Paolo G., to Societa Cavi Pirelli S.p.A. Method and apparatus for improving the dielectric strength of direct current cable insulation. 4,540,889, 9-10-85, Cl. 307-2.000.
Pribat, Didier: *See—*
  Croset, Michel; Dieumegard, Dominique; and Pribat, Didier, 4,540,452, Cl. 148-175.000.
Pribnow, Hans-Hermann: *See—*
  Iseli, Jakob; and Pribnow, Hans-Hermann, 4,519,474, Cl. 180-279.000.
Pribyl, Richard: *See—*
  Fidi, Werner; Pribyl, Richard; and Wolf, Konrad, 4,508,192, Cl. 181-158.000.
Price, Alson K.: *See—*
  Fanelli, Anthony J.; and Price, Alson K., 4,550,093, Cl. 502-107.000.
Price, Anthony G.; and Gornall, Graham J., to Lucas Industries Public Limited Company. Master cylinder assembly for a vehicle hydraulic braking system. 4,534,172, 8-13-85, Cl. 60-578.000.
Price, Anthony G.; and Edwards, Roy E., to Lucas Industries Public Limited Company. Disc brakes for vehicles. 4,549,636, 10-29-85, Cl. 188-71.400.
Price, Anthony G.; and Campbell, Roy, to Lucas Industries Public Limited Company. Disc brakes for vehicles. 4,550,810, 11-5-85, Cl. 188-71.400.
Price, Anthony G.; and Parry, David, to Lucas Industries Public Limited Company. Master cylinder assembly for a vehicle braking system. 4,553,395, 11-19-85, Cl. 60-562.000.
Price, Anthony G., to Lucas Industries Public Limited Company. Master cylinder assembly for a vehicle braking system. 4,557,110, 12-10-85, Cl. 60-581.000.
Price, Anthony G.: *See—*
  Gornall, Graham J.; Price, Anthony G.; and Parry, David, 4,508,198, Cl. 188-71.400.

  - Reynolds, Desmond H. J.; Price, Anthony G.; and Campbell, Roy, 4,547,967, Cl. 303-7.000.
- Price, Barry J.; Clitherow, John W.; Bradshaw, John; Martin-Smith, Michael; Judd, Duncan B.; and Hayes, Roger, to Glaxo Group Limited. Pyrimidone derivatives. 4,524,071, 6-18-85, Cl. 514-272.000.
- Price, Barry J.: *See—*
  - Clitherow, John W.; Price, Barry J.; Bradshaw, John; Martin-Smith, Michael; Mackinnon, John W. M.; Judd, Duncan B.; and Hayes, Roger, 4,536,508, Cl. 514-383.000.
- Price, Dalby L. Router device. 4,551,047, 11-5-85, Cl. 409-182.000.
- Price, David: *See—*
  - Robertson, George H.; Price, David; and Birrell, Raymond N., 4,491,481, Cl. 106-288.00Q.
- Price, David N.: *See—*
  - Prentiss, William C.; and Price, David N., 4,526,581, Cl. 8-94.330.
- Price, Donald L.; and Nechvatal, Van A. Night fishing signal. 4,505,063, 3-19-85, Cl. 43-17.000.
- Price, Edgar E., to Xerox Corporation. Optical system utilizing a variable focal length reflector lens. 4,497,617, 2-5-85, Cl. 350-425.000.
- Price, Edison A., to Edison Price, Incorporated. Display mounting device. 4,559,728, 12-24-85, Cl. 40-124.200.
- Price, Frank C., to USM Corporation. Machine for lasting heel seat portions of shoes. 4,491,997, 1-8-85, Cl. 12-12.100.
- Price, Frank C., to USM Corporation. Apparatus for feeding adhesive in rod form. 4,513,886, 4-30-85, Cl. 222-146.500.
- Price, Frank C.; Tout, Nigel R.; Hanson, Raymond; and Tillyard, Malcolm, to USM Corporation. Shoe part heating apparatus. 4,517,442, 5-14-85, Cl. 219-215.000.
- Price, Frank C. Thermal conditioning of material in containers. 4,522,586, 6-11-85, Cl. 432-11.000.
- Price, Fred D.; and Pierce, R. Neal, to Price, Fred D. Electrical socket cover. 4,549,778, 10-29-85, Cl. 339-40.000.
- Price, Gerald W.: *See—*
  - McGowan, Gerald F.; Price, Gerald W.; Polhemus, Carl E.; and Ketchum, Ronald L., 4,560,873, Cl. 250-339.000.
- Price, Herbert B.; and Slattery, Ian, to Spencer Wright Industries, Inc. Needle plate finger comb for tufting machines. 4,548,140, 10-22-85, Cl. 112-79.00R.
- Price, John F.: *See—*
  - Curulla, Michael V.; Price, John F.; Matzner, Bruce; Brayman, Kenneth W.; and Qurnell, Frank D., 4,544,522, Cl. 376-441.000.
  - Matzner, Bruce; Horn, Victor M.; Curulla, Michael V.; and Price, John F., 4,508,679, Cl. 376-438.000.
- Price, John G. Steam sack vulcanizing method. 4,543,140, 9-24-85, Cl. 156-157.000.
- Price, John J., Jr.: *See—*
  - Miller, Ira; Rumbaugh, Robert C.; and Price, John J., Jr., 4,536,663, Cl. 307-355.000.
- Price, John W., to AT&T Technologies, Inc. Circuit for automatically connecting and disconnecting a speakerphone to a telephone line. 4,496,797, 1-29-85, Cl. 179-81.00B.
- Price, Larry S.: *See—*
  - Panayotou, Nicholas F.; Green, Donald R.; and Price, Larry S., 4,562,037, Cl. 376-340.000.
- Price, Lewis C., Jr., to Dennison Manufacturing Company. Typeholding chase. 4,494,458, 1-22-85, Cl. 101-391.000.
- Price, Martin B.: *See—*
  - Rehfuss, John W.; Hazelwood, Louis S.; Price, Martin B.; and Zilke, Robert W., Jr., 4,521,489, Cl. 428-412.000.
  - Rehfuss, John W.; Hazelwood, Louis S.; and Price, Martin B., 4,524,173, Cl. 524-512.000.
- Price, Michael G.; Zehl, Otis G.; and Bonney, Robert D., to Litton Systems, Inc. Thermal stabilization for an acousto-optic device. 4,536,062, 8-20-85, Cl. 350-358.000.
- Price, Michael G.: *See—*
  - Zehl, Otis G.; Price, Michael G.; and David, Edward H., Jr., 4,503,382, Cl. 324-77.00K.
  - Zehl, Otis G.; Price, Michael G.; David, Edward H., Jr.; and Kremen, Jerome C., 4,503,388, Cl. 324-77.00K.
- Price, Norris. Tobacco stripper and grading machine. 4,493,330, 1-15-85, Cl. 130-31.00R.
- Price, Owen G., to Federal Signal Corporation. Vibrating diaphragm type audible device with acoustically improved grille and method. 4,529,059, 7-16-85, Cl. 181-148.000.
- Price Pfister, Inc.: *See—*
  - Szemeredi, Robert S.; Tarnay, Matthew G.; and Lee, Kenneth, 4,502,165, Cl. 4-192.000.
- Price, Raymond: *See—*
  - Dalton, Raymond F.; Price, Raymond; Quan, Peter M.; and Stewart, David, 4,525,330, Cl. 423-24.000.
- Price, Robert; and Kurth, Richard R., to Sperry Corporation. CFAR receiver apparatus for detecting a signal in noise. 4,532,639, 7-30-85, Cl. 375-96.000.
- Price, Robert B.: *See—*
  - Bennett, Ross L.; Price, Robert B.; Springen, Clyde H.; and Kilbourn, Harlan C., 4,517,652, Cl. 364-513.000.
- Price, Robert G., administrator: *See—*
  - Oreopoulos, Dimitrios G.; Zellerman, Gabor, deceased; and Price, Robert G., administrator, 4,508,367, Cl. 285-3.000.
- Price, Robert W., to Dow Chemical Company, The. Plug valve. 4,535,803, 8-20-85, Cl. 137-375.000.
- Price, Roger F.: *See—*
  - Mumford, John L. C.; and Price, Roger F., 4,555,415, Cl. 427-193.000.
- Price, Ronald K. Portable intravenous pole for use in an emergency. 4,541,596, 9-17-85, Cl. 248-125.000.
- Price, Ronald L.; Witman, Mark W.; and Krishnan, Sivaram, to Mobay Chemical Corporation. Process for the preparation of copolycarbonates of sulfonyl diphenol. 4,535,143, 8-13-85, Cl. 528-174.000.
- Price, Thomas P.: *See—*
  - Pilgram, Kurt H.; and Price, Thomas P., 4,500,345, Cl. 71-93.000.
- Price, Vera H.; and Menefee, Emory. Human hair-grooming device. 4,504,998, 3-19-85, Cl. 15-186.000.
- Price, William E.; Galloway, Louie A., III; Lowrey, Charles B.; and Lewis, Donald R., to Nuclear Monitoring Systems & Management Corporation. Apparatus and method for monitoring stored material. 4,521,372, 6-4-85, Cl. 376-250.000.
- Price, William F.; and Emery, Phillip L., to Penda Corporation. Air deflector for trailers. 4,560,195, 12-24-85, Cl. 296-1.00S.
- Price, William J. Coin crossing game device. 4,550,913, 11-5-85, Cl. 273-126.00R.
- Price, William M. Nutcracker for cracking hard-shell nuts such as black walnuts and macadamia nuts. 4,520,719, 6-4-85, Cl. 99-578.000.
- Prichard, Arthur W., to USM Corporation. Heat device for heating portions of shoe uppers. 4,508,956, 4-2-85, Cl. 219-215.000.
- Prichard, William W.: *See—*
  - Mabry, Melinda A.; Prichard, William W.; and Ziemecki, Stanislaw B., 4,550,185, Cl. 549-508.000.
- Prickett, Michael J.: *See—*
  - Wehner, Donald R.; and Prickett, Michael J., 4,547,775, Cl. 343-17.20R.
- Pride Machine, Inc.: *See—*
  - Weishalla, Gale F., 4,554,815, Cl. 72-349.000.
- Pridgeon, Royce: *See—*
  - Haines, Robert C.; and Pridgeon, Royce, 4,504,345, Cl. 156-213.000.
- Pridy, Whestine B. Water conserving elongate tubular metal member straightening apparatus. 4,538,438, 9-3-85, Cl. 72-39.000.
- Priebe, Durward H.; Weingart, Norman C.; Zdanys, John, Jr.; and English, Jack A., to CTS Corporation. Machine insertable miniature dip switch. 4,529,851, 7-16-85, Cl. 200-16.00D.
- Priebe, Waldemar: *See—*
  - Horton, Derek; and Priebe, Waldemar, 4,537,882, Cl. 514-34.000.
- Priebe, Waldemar A.: *See—*
  - Horton, Derek; and Priebe, Waldemar A., 4,562,177, Cl. 514-34.000.
- Priebe, William F., to Atlantic Richfield Company. Method and apparatus for pre-dilution of drilling mud slurry and the like. 4,548,525, 10-22-85, Cl. 405-52.000.
- Priefert Mfg. Co., Inc.: *See—*
  - Priefert, Marvin J., 4,509,577, Cl. 160-328.000.
- Priefert, Marvin J., to Priefert Mfg. Co., Inc. Chain gate structure. 4,509,577, 4-9-85, Cl. 160-328.000.
- Priegnitz, Ronald D., to Quaker Oats Company, The. Food products containing α-amylase and process. 4,540,585, 9-10-85, Cl. 426-28.000.
- Priel, Ury; Yaron, Giora; and Ebel, Mark S., to National Semiconductor Corporation. Memory core testing system. 4,519,076, 5-21-85, Cl. 371-21.000.
- Priepke, Edward H.: *See—*
  - Greiner, James G.; and Priepke, Edward H., 4,495,756, Cl. 56-364.000.
  - Martenas, Wayne B.; and Priepke, Edward H., 4,505,434, Cl. 241-89.300.
- Prier, Donald G., to Dow Chemical Company, The. Removal of alkaline catalysts from polyether polyols and polyalkylene carbonate polyols. 4,528,364, 7-9-85, Cl. 528-370.000.
- Priese, Werner K., to Rockwell International Corporation. Valve and valve sealing member. 4,513,946, 4-30-85, Cl. 251-173.000.
- Priesnitz, Uwe: *See—*
  - Forster, Heinz; Klauke, Erich; Priesnitz, Uwe; Riebel, Hans-Jochem; Eue, Ludwig; and Schmidt, Robert R., 4,518,416, Cl. 71-94.000.
  - Maurer, Fritz; Priesnitz, Uwe; and Riebel, Hans-Jochem, 4,492,800, Cl. 562-506.000.
  - Riebel, Hans-Jochem; Eue, Ludwig; Faust, Wilfried; and Priesnitz, Uwe, 4,548,639, Cl. 71-94.000.
- Priestman Brothers Limited: *See—*
  - Brocklebank, Norman; and Deighton, Kenneth A., 4,494,906, Cl. 414-719.000.
- Prigent, Madeleine: *See—*
  - Bonicel, Jean-Pierre; Prigent, Madeleine; and Cottevieille, Christian, 4,555,539, Cl. 524-127.000.
- Prigent, Michel: *See—*
  - Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, 4,492,769, Cl. 502-262.000.
  - Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, 4,492,770, Cl. 502-304.000.
- Prijs, Pieter R., to U.S. Philips Corporation. High-frequency coil structure. 4,494,099, 1-15-85, Cl. 335-299.000.
- Prikhodko, Valery V.; and Kostyrkin, Boris V., to Proektno-Konstructorskoe Bjuro Elektrogidravliki Adademii Nauk Ukrainskoi SSR. Apparatus for electrohydroblasting trimming of castings. 4,493,961, 1-15-85, Cl. 219-69.00R.
- Prikryl, Ivan. Hologram synthesis. 4,509,818, 4-9-85, Cl. 350-3.760.
- Prima Progetti S.p.A.: *See—*
  - Grassi, Fabrizio; and Iannarelli, Luigi, 4,498,545, Cl. 173-43.000.
- Prima Valves International (Proprietary) Limited: *See—*
  - Scragg, Edgar P., 4,499,686, Cl. 47-48.500.
- Primages, Inc.: *See—*
  - Chu, Mosi; and Kuo, Meng S., 4,522,382, Cl. 270-1.100.
  - Lau, Edward H.; and Colonel, Kenneth, 4,496,254, Cl. 400-175.000.

- Primary Diagnostic Systems, Inc.: *See—*
  - Ettare, Ross C., 4,542,750, Cl. 128-760.000.
- Primary Energy Research Corporation: *See—*
  - Mason, James W., 4,557,978, Cl. 428-457.000.
- Primat, Didier: *See—*
  - Lambert, Johnny H.; Primat, Didier; Edmiston, William H.; Edmiston, Johnny J.; and Edmiston, James H., 4,507,998, Cl. 83-419.000.
- Primati, Marco; and Calderini, Leonardo, to Stabilimento Industriale s.r.l. Automatic ironing press. 4,553,343, 11-19-85, Cl. 38-33.000.
- Primdahl, Richard D., to Dresser Industries, Inc. Control apparatus for hydraulic valve. 4,526,204, 7-2-85, Cl. 137-637.000.
- Prime Computer, Inc.: *See—*
  - Bahr, Richard G.; and Cohen, Paul B., 4,494,233, Cl. 370-86.000.
  - Bahr, Richard G.; and Hogan, Thomas C., 4,528,661, Cl. 370-86.000.
  - Bahr, Richard G.; and Hogan, Thomas C., 4,536,876, Cl. 370-86.000.
  - Bahr, Richard G.; and Moore, Russell L., 4,538,264, Cl. 371-8.000.
  - Cohen, Paul B., 4,510,581, Cl. 364-900.000.
  - Delivorias, Peter, 4,542,580, Cl. 29-590.000.
  - Long, Charles C.; Lounsbury, David M.; and Curtin, Richard R., 4,532,559, Cl. 360-51.000.
  - Marino, Jerry C.; and Desilets, David E., 4,542,872, Cl. 248-183.000.
  - Nelson, Dale H., 4,523,266, Cl. 363-26.000.
  - Robillard, David R.; Bullock, Robert J.; and Marino, Jerry C., 4,561,619, Cl. 248-285.000.
  - Rodman, Paul K.; Ardini, Joseph L., Jr.; and Papworth, David B., 4,561,051, Cl. 364-200.000.
  - Sybel, Randall; and Schwarzkopf, Daniel, 4,524,345, Cl. 340-146.200.
- Prime, Robert B.: *See—*
  - Ko, Ming; Oxsen, Michael E.; and Prime, Robert B., 4,546,035, Cl. 428-315.900.
- Prime, Ronald M.: *See—*
  - Weaver, Richard A.; Niedzielski, James H.; and Prime, Ronald M., 4,561,536, Cl. 198-481.100.
- Prime & Weaver Investment Company: *See—*
  - Weaver, Richard A.; Niedzielski, James H.; and Prime, Ronald M., 4,561,536, Cl. 198-481.100.
- Primiano, Frank P., Jr.: *See—*
  - Primiano, George A.; and Primiano, Frank P., Jr., 4,524,464, Cl. 2-161.00A.
- Primiano, George A.; and Primiano, Frank P., Jr. Safety glove with modified dorsal thumb spica brace. 4,524,464, 6-25-85, Cl. 2-161.00A.
- Primlumber, Inc.: *See—*
  - Lambert, Johnny H.; Primat, Didier; Edmiston, William H.; Edmiston, Johnny J.; and Edmiston, James H., 4,507,998, Cl. 83-419.000.
- Primo Company Limited: *See—*
  - Imai, Nobuomi, 4,559,418, Cl. 179-111.00E.
- Primtec: *See—*
  - Sorensen, Jens O., 4,539,171, Cl. 264-328.800.
- Primus, William F.: *See—*
  - Bryan, Larry E.; Grove, Richard W.; and Primus, William F., 4,525,914, Cl. 29-402.080.
- Prince, Connie J. Multi-purpose sheet. 4,499,133, 2-12-85, Cl. 428-81.000.
- Prince Corporation: *See—*
  - Chu, Zooey C.; and Dykstra, Ronald A., 4,558,899, Cl. 296-97.00G.
  - Clark, Russell L.; and Nestell, David E., 4,505,054, Cl. 33-357.000.
  - Cody, Michael J.; and Spykerman, Scott A., 4,521,051, Cl. 296-97.00H.
  - Fleming, Dennis J., 4,491,360, Cl. 296-97.00G.
  - Fleming, Dennis J., 4,491,899, Cl. 362-74.000.
  - Fleming, Dennis J., 4,500,131, Cl. 296-97.00K.
  - Flowerday, Carl, 4,494,789, Cl. 296-97.00H.
  - Franks, Jeffrey L., 4,546,551, Cl. 33-356.000.
  - Marcus, Konrad H.; and Fleming, Dennis J., 4,492,404, Cl. 296-97.00J.
  - Marcus, Konrad H.; and Cody, Michael J., 4,511,954, Cl. 362-275.000.
  - Marcus, Konrad H., 4,553,797, Cl. 339-22.000.
  - Prince, Edgar D., 4,505,317, Cl. 164-153.000.
  - Suman, Michael J.; and Clark, Russell L., 4,529,157, Cl. 248-289.100.
  - Van Appledorn, William, 4,548,544, Cl. 414-751.000.
- Prince, David: *See—*
  - Kelley, Robert E.; and Prince, David, 4,524,790, Cl. 132-84.00R.
- Prince, Dennis; and Douglas, Eric C., to Plessey Overseas Limited. Supporting assembly. 4,549,710, 10-29-85, Cl. 248-183.000.
- Prince, Edgar D., to Prince Corporation. Prime mover for hot chamber die casting machines. 4,505,317, 3-19-85, Cl. 164-153.000.
- Prince Industrial Development Co., Ltd.: *See—*
  - Yoshinaga, Sadao; Tajiri, Yoshinobu; and Mashine, Hiroyoshi, 4,502,465, Cl. 126-409.000.
- Prince, Jack A.; and Standridge, Bobby D., to Jack Prince, Inc. Deboning apparatus having auger seal on one end and support means therefor. 4,516,731, 5-14-85, Cl. 241-24.000.
- Prince, John B. Apparatus for practicing defense arts. 4,491,316, 1-1-85, Cl. 272-78.000.
- Prince, Leonard D.: *See—*
  - Wieselman, Alex; and Prince, Leonard D., 4,544,990, Cl. 362-32.000.
- Prince Manufacturing Company: *See—*
  - Foxwell, W. John, 4,552,055, Cl. 92-5.00R.
- Prince, Mary F. Oral hygiene instrument. 4,538,631, 9-3-85, Cl. 132-84.00R.
- Prince Mishin Kabushiki Kaisha: *See—*
  - Iwase, Hideo, 4,557,206, Cl. 112-121.140.
- Prince, Terry K.: *See—*
  - Kelley, William J.; and Prince, Terry K., 4,500,299, Cl. 446-230.000.
- Prince, Thomas F.; and Bishop, Julian J. Junction block for shielded communications network line. 4,533,197, 8-6-85, Cl. 339-97.00R.
- Prince, Vernon. Portable fan blade and sheave removing device. 4,542,570, 9-24-85, Cl. 29-252.000.
- Princell, William E. Spare tire lock. 4,526,021, 7-2-85, Cl. 70-183.000.
- Princell, William E. Latch for removable vehicle roof panels. 4,548,434, 10-22-85, Cl. 292-223.000.
- Princeton Polymer Laboratories, Inc.: *See—*
  - Hudgin, Donald E.; and Zawadzki, Thomas, 4,495,311, Cl. 523-126.000.
- Princler, Gerald L.: *See—*
  - Braatz, James A.; McIntire, Kenneth R.; and Princler, Gerald L., 4,514,506, Cl. 436-518.000.
- Prindle, William A., to Corning Glass Works. Versatile knife holder. 4,509,651, 4-9-85, Cl. 211-70.600.
- Prine, David W., to Chamberlain Manufacturing Corporation. Method and apparatus for structural monitoring with acoustic emission and using pattern recognition. 4,535,629, 8-20-85, Cl. 73-587.000.
- Prines, Frederick W., to Metallurgical Exoproducts Corporation. Ingot mold with hot top board assembly. 4,546,952, 10-15-85, Cl. 249-106.000.
- Pring, Edward J.: *See—*
  - Bartlett, Geoffrey M.; Hofmeister, James P.; and Pring, Edward J., 4,539,653, Cl. 364-900.000.
- Pringle, Ronald E., to Camco, Incorporated. Tubing pressure balanced well safety valve. 4,495,998, 1-29-85, Cl. 166-321.000.
- Pringle, Ronald E., to Camco, Incorporated. Pump out sub. 4,510,994, 4-16-85, Cl. 166-156.000.
- Pringle, Ronald E., to Camco, Incorporated. Fluid actuated energy charged well service line cutter. 4,512,411, 4-23-85, Cl. 166-54.500.
- Pringle, Ronald E., to Camco, Incorporated. Well flow control device. 4,520,870, 6-4-85, Cl. 166-317.000.
- Pringle, Ronald E., to Camco, Incorporated. Hydraulic controlled well valve. 4,524,831, 6-25-85, Cl. 166-322.000.
- Pringle, Ronald E., to Camco, Incorporated. Hydraulic actuating means for subsurface safety valve. 4,527,630, 7-9-85, Cl. 166-321.000.
- Pringle, Ronald E.; and Morris, Arthur J., to Camco, Incorporated. Piston actuated high temperature well packer. 4,531,581, 7-30-85, Cl. 166-120.000.
- Pringle, Ronald E., to Camco, Incorporated. Hydraulic control fluid communication nipple. 4,534,414, 8-13-85, Cl. 166-317.000.
- Pringle, Ronald E.; and Black, Paul W., to Camco, Incorporated. Locking annulus safety valve. 4,538,685, 9-3-85, Cl. 166-321.000.
- Pringle, Ronald E., to Camco, Incorporated. Method and apparatus of sealing threaded sections of a well tool. 4,538,838, 9-3-85, Cl. 285-91.000.
- Pringle, William L., to United States Steel Corporation. Apparatus for joining flared ended tubes. 4,524,501, 6-25-85, Cl. 29-237.000.
- Prins, Klaas H.: *See—*
  - Stiekel, Jan J.; Hagen, Marinus; Prins, Klaas H.; and Gerson, Philips M., 4,528,540, Cl. 337-102.000.
- Printal Oy: *See—*
  - Makilaakso, Antero, 4,509,660, Cl. 222-107.000.
- Printed Circuits International, Inc.: *See—*
  - Chee, Aik T.; and Kiat, Wee S., 4,499,333, Cl. 174-52.0FP.
- Printing Developments, Inc.: *See—*
  - Sharkozy, Frank L.; and Kiesler, James A., 4,522,912, Cl. 430-278.000.
- Printronix, Inc.: *See—*
  - Barrus, Gordon B.; Emenaker, Leo J.; Radke, Glen R.; Farb, Norman E.; and Holzer, Gerold, 4,498,793, Cl. 400-320.000.
  - Farb, Norman E., 4,498,388, Cl. 101-93.040.
  - Stumfall, David M., 4,507,796, Cl. 375-106.000.
- Prinz, A. F. Rudolf; and Charvat, Rudolf M., to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Device for the pick-up of measured values. 4,532,810, 8-6-85, Cl. 73-717.000.
- Prinz, Bruno: *See—*
  - Muhlberger, Horst; Prinz, Bruno; Wunder, Wolf; Schafer, Ulrich; and Bognar, Josef, 4,541,878, Cl. 148-139.000.
- Prinz, Eckhard; and Kluss, Bruno, to Softal Electronic GmbH. Apparatus for the electric pretreatment of non-conductive foils. 4,527,969, 7-9-85, Cl. 425-174.80E.
- Prinz, Eckhard: *See—*
  - Kuhlmann, Heinz; and Prinz, Eckhard, 4,511,419, Cl. 156-272.600.
- Prinz, Friedrich B.; Hoburg, James F.; and Gunnarsson, Kristjan, to Carnegie-Mellon University. Acoustic sensor and method of using same for determining the position of a tool relative to a workpiece. 4,554,834, 11-26-85, Cl. 73-597.000.
- Prinz, Peter: *See—*
  - Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,543,217, Cl. 260-544.00A.
  - Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,556,644, Cl. 502-33.000.
  - Erpenbach, Heinz; Gehrmann, Klaus; Lork, Winfried; and Prinz, Peter, 4,557,760, Cl. 75-121.000.

Prinz, Reinhard, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Method and means for compensating for image motion in an aerial camera. 4,505,559, 3-19-85, Cl. 354-66.000.

Prinz, Wolfgang: *See—*

Friese, Hans-Herbert; and Prinz, Wolfgang, 4,527,992, Cl. 8-94.210.

Prinzhausen, Friedrich: *See—*

Dieffenbach, Rudiger; Grunwald, Werner; Perthus, Peter; and Prinzhausen, Friedrich, 4,517,630, Cl. 362-268.000.

Priola, Aldo; Romano, Ugo; and Renzi, Fiorenzo, to Anic S.p.A. Composition based on aliphatic polycarbonates which contain urethan groups and acrylic or metacrylic end groups, to be cross-linked in the presence of radicalic initiators. 4,544,725, 10-1-85, Cl. 526-301.000.

Priola, Aldo: *See—*

Cesca, Sebastiano; Priola, Aldo; and Renzi, Fiorenzo, 4,524,092, Cl. 427-388.200.

Prior, Herbert E. Sawhorse bracket. 4,515,243, 5-7-85, Cl. 182-155.000.

Prior, Maurice; and Quigley, M. Scott, to Mobil Oil Corporation. Preparation unit for a drilling mud testing system. 4,501,143, 2-26-85, Cl. 73-153.000.

Prior, Maurice, to Mobil Oil Corporation. Drilling mud testing system having a thermally isolated pump. 4,510,800, 4-16-85, Cl. 73-153.000.

Prior, William L.; and Sargeant, William C., to Masonite Corporation. Composition and process for forming inorganic resins and resulting product. 4,504,555, 3-12-85, Cl. 428-689.000.

Prioretti, Guy. Device for slowing down and stopping machines rolling on rails. 4,535,701, 8-20-85, Cl. 104-258.000.

Prioste, Jerry E.; and Lopez, David E., to Motorola, Inc. Bi-directional switching circuit. 4,556,947, 12-3-85, Cl. 364-550.000.

Prioux, Jean-Jacques; Meleard, Roger; Pioger, Michel; and Lasvaladas, Jean-Jacques, to Rogers Corporation. Monolithic flat tactile keyboard. 4,499,343, 2-12-85, Cl. 200-5.00A.

Prisant, Simon, to Coinamatic Leasing Corporation. Mounting means for drop coin mechanism. 4,515,261, 5-7-85, Cl. 194-1.00A.

Priscu, John C.: *See—*

Neelameggham, Ramaswami; Priscu, John C.; and Toomey, Robert D., 4,510,029, Cl. 204-130.000.

Neelameggham, Ramaswami; and Priscu, John C., 4,533,442, Cl. 204-68.000.

Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,533,572, Cl. 427-216.000.

Neelameggham, Ramaswami; Abedi, Hedayat; Priscu, John C.; and Legge, Michael H., 4,541,867, Cl. 75-58.000.

Pristo, Paul J.: *See—*

Fagan, Joseph H.; and Pristo, Paul J., 4,535,937, Cl. 239-206.000.

Pritchard, Dalton H., to RCA Corporation. Apparatus for frame-to-frame comb filtering composite TV signal. 4,498,099, 2-5-85, Cl. 358-31.000.

Pritchard, Dalton H.; and Sauer, Donald J., to RCA Corporation. CCD comb filter employing floating gate subtractor techniques. 4,510,522, 4-9-85, Cl. 358-31.000.

Pritchard, Dalton H., to RCA Corporation. Apparatus for reducing motion induced distortion in a frame combed chrominance signal. 4,555,723, 11-26-85, Cl. 358-31.000.

Pritchard, Dalton H.; and Sepp, Walter E., to RCA Corporation. Progressive scan television system employing vertical detail enhancement. 4,558,347, 12-10-85, Cl. 358-11.000.

Pritchard, Dalton H.: *See—*

Nicholson, Warren H.; and Pritchard, Dalton H., 4,550,340, Cl. 358-31.000.

Pritchard, Frederick D.; and Pittard, John E., to Burlington Industries, Inc. Automated sizing system controlling. 4,514,092, 4-30-85, Cl. 366-136.000.

Pritchard, Lawrence E. Medical insurance verification and processing system. 4,491,725, 1-1-85, Cl. 235-375.000.

Pritchard, Robert J.; and Lindenmuth, Kevin, to Teleflex Incorporated. Magnetic linear motor. 4,535,260, 8-13-85, Cl. 310-12.000.

Pritchett, James D.: *See—*

Jordan, William D.; Hundt, Roger C.; and Pritchett, James D., 4,521,827, Cl. 361-386.000.

Pritulsky, James, to AMP Incorporated. Pin receptacle intended for mounting in a circuit board. 4,515,422, 5-7-85, Cl. 339-17.00C.

Pritzkow, Dennis H.; Loomis, Neil W.; Golner, Thomas M.; and Hoffman, David M., to General Electric Company. Optical potting of solid-state detector cells. 4,491,732, 1-1-85, Cl. 250-366.000.

Pritzkow, Dennis H.; and Vavrek, Robert M., to General Electric Company. Radiation detector with resonant frequency translator. 4,496,841, 1-29-85, Cl. 250-374.000.

Pritzkow, Dennis H., to General Electric Company. Modular radiation-detecting array. 4,521,689, 6-4-85, Cl. 250-385.000.

Pritzwald-Stegmann, Bernd: *See—*

Boesig, Werner; and Pritzwald-Stegmann, Bernd, 4,511,553, Cl. 424-35.000.

Prize Frize, Inc.: *See—*

Bartfield, William, 4,540,588, Cl. 426-231.000.

Prizlow, Alfred J.: *See—*

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PRM Energy Systems, Inc.: *See—*

Chastain, Charles E.; and King, Donald R., 4,517,905, Cl. 110-346.000.

Pro. Bio. Spe. s.r.l.: *See—*

Arpesella, Marco, 4,561,129, Cl. 623-2.000.

Pro, George M. Cycle support for exercising. 4,505,473, 3-19-85, Cl. 272-73.000.

Pro/Pak Industries, Inc.: *See—*

Miller, R. Craig, 4,491,602, Cl. 426-438.000.

Miller, R. Craig, 4,551,255, Cl. 210-770.000.

Pro-Staff Fuels Ltd.: *See—*

Foster, Joseph S., 4,527,516, Cl. 123-27.0GE.

Pro-Tex Limited Partnership: *See—*

Fay, James P., Sr.; and Fay, James P., Jr., 4,550,861, Cl. 222-78.000.

Probe Adventures, Inc.: *See—*

Underwood, Mark R., 4,535,787, Cl. 130-27.00T.

Probex, Inc.: *See—*

Shaber, Gary S.; and Buenzli, Charles W., Jr., 4,508,686, Cl. 422-55.000.

Probst, Evan N. Windrowed hay fluffing agricultural implement. 4,524,576, 6-25-85, Cl. 56-372.000.

Probst, Karl; and Hufken, Kurt, to Lindemann Maschinenfabrik GmbH. Paper disintegrator and method of operating same. 4,557,421, 12-10-85, Cl. 241-73.000.

Probst, Kurt: *See—*

Pfalzgraf, Manfred; and Probst, Kurt, 4,506,642, Cl. 123-361.000.

Probst, Robert L.; and Groves, William A., to Sybron Corporation. Self activating amalgam capsule. 4,557,376, 12-10-85, Cl. 206-219.000.

Probst, Timothy F.: *See—*

Robinson, Mary K.; and Probst, Timothy F., 4,512,134, Cl. 53-248.000.

Procatalyse: *See—*

Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, 4,492,769, Cl. 502-262.000.

Blanchard, Gilbert; Brunelle, Jean-Pierre; and Prigent, Michel, 4,492,770, Cl. 502-304.000.

Procedyne Corp.: *See—*

Girrell, Carol A.; and Japka, Joseph E., 4,547,228, Cl. 148-16.000.

Staffin, H. Kenneth; Roaper, Robert B.; and Bickford, Karin S., 4,519,718, Cl. 374-45.000.

Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., 4,512,821, Cl. 148-16.500.

Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., 4,524,957, Cl. 266-252.000.

Process Development Associates, Inc.: *See—*

Kibby, Robert M., 4,533,386, Cl. 75-10.00R.

Process Research Development & Management, Inc.: *See—*

Lynch, Joseph M.; Pfafflin, James R.; Pecker, Calman; Cardenas, Raul; Cunningham, Seamus; Bozzone, Richard T., Sr.; and Borg, Sidney, 4,500,428, Cl. 210-609.000.

Process Scientific Innovations Limited: *See—*

Hunter, George S.; Walker, Brian; and Merrie, Kenneth, 4,559,066, Cl. 55-274.000.

Process Shizai Co., Ltd.: *See—*

Kashiwagi, Takashi, 4,554,239, Cl. 430-270.000.

Process Supply Company, Inc.: *See—*

Fields, Melvin C.; and Fields, Paul F., 4,526,621, Cl. 127-1.000.

Process Technologies, Inc.: *See—*

Hernandez, Rafael; Chow, Edmund E.; Moncrief, Marion L., Jr.; and Glass, Frank S., 4,497,033, Cl. 364-551.000.

Prochaska, Charles R.: *See—*

McCarthy, Karen; and Prochaska, Charles R., 4,497,602, Cl. 410-69.000.

Prochaska, Wolfgang; and Schulz, Ralf-Thilo, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Bumper component made of fiber-reinforced material for automobiles or the like. 4,525,005, 6-25-85, Cl. 293-117.000.

Prochazka, Svante: *See—*

Johnson, Curtis A.; Renlund, Gary M.; Van Buren, Charles E.; and Prochazka, Svante, 4,551,436, Cl. 501-90.000.

Procom, B.V.: *See—*

Ketels, Gerardus H. J., 4,513,477, Cl. 17-46.000.

Proconics International, Inc.: *See—*

Foulke, Richard F.; and Lord, Steven M., 4,493,606, Cl. 414-787.000.

Procor Limited: *See—*

Mathur, Krishna S., 4,507,335, Cl. 427-215.000.

Procter, Brian J., to International Computers Limited. Data processing systems. 4,507,784, 3-26-85, Cl. 371-61.000.

Procter & Gamble Company, The: *See—*

Arnold, Nancy L., 4,494,482, Cl. 119-1.000.

Barker, Dale E., 4,516,689, Cl. 220-335.000.

Barker, Dale E.; Bettle, Griscom, III; and Van Coney, Robert H., 4,550,862, Cl. 222-109.000.

Beimesch, Wayne E.; and Hortel, Thomas C., 4,497,757, Cl. 264-13.000.

Benjamin, Lawrence; Rodriguez, Sheila S.; and Meinberg, Nancy A., 4,517,919, Cl. 119-1.000.

Bissett, Donald L.; and Mao, Mark H. K., 4,555,360, Cl. 252-541.000.

Brabbs, William J.; and Hong, Charles A., 4,503,080, Cl. 426-94.000.

Brown, Bruce; and Strickland, Wilbur C., Jr., 4,558,471, Cl. 4-228.000.

Bruno, David J., Jr.; Dodds, Michael J.; Fuqua, Debra L.; and Hunter, John E., 4,560,564, Cl. 426-250.000.

Buckingham, Kent W., 4,556,560, Cl. 424-145.000.

Buell, Kenneth B., 4,555,244, Cl. 604-392.000.

Bush, Rodney D.; and Robbins, Medford D., 4,506,048, Cl. 524-100.000.

Chuang, Strong C.; and Thompson, Hugh A., 4,556,450, Cl. 162-204.000.

Collins, Royal D., 4,557,853, Cl. 252-128.000.

- Cook, Thomas E.; and Dolle, Ernest W., 4,493,773, Cl. 252-8.800.
- Cook, Thomas E.; and Llenado, Ramon A., 4,536,318, Cl. 252-174.170.
- Cooper, Eugene R., 4,537,776, Cl. 514-424.000.
- Cooper, Eugene R.; Loomans, Maurice E.; and Fawzi, Mahdi B., 4,552,872, Cl. 514-175.000.
- Cooper, Eugene R., 4,557,934, Cl. 424-128.000.
- Corrigan, Patrick J.; King, Richard M.; and VanDiest, Scott A., 4,533,648, Cl. 502-38.000.
- Crawford, Robert J., 4,528,140, Cl. 260-402.500.
- Curry, John D.; and Edwards, James B., 4,560,492, Cl. 252-110.000.
- Doughty, Elexsis D., 4,513,459, Cl. 4-222.000.
- Drobish, James L., 4,533,069, Cl. 222-209.000.
- Elm, Chance R.; and Lowrey, Erlend R., 4,552,753, Cl. 424-66.000.
- Gosselink, Eugene P., 4,551,506, Cl. 525-417.000.
- Gregory, Paul E., Jr.; and White, Roger N., 4,504,978, Cl. 2-59.000.
- Hardy, Frederick E.; Kitko, David J.; and Cambre, Cushman M., 4,536,314, Cl. 252-102.000.
- Hartman, William L.; O'Brien, David A.; and Taylor, Thomas H., 4,552,680, Cl. 252-102.000.
- Hensley, Charles A.; and Kitko, David J., 4,526,700, Cl. 252-102.000.
- Herbots, Ivan; Johnston, James P.; and Walker, John R., 4,561,991, Cl. 252-118.000.
- Hoskins, James J.; and Kessler, Adriaan, 4,491,539, Cl. 252-541.000.
- Howie, John K.; and Bullock, Steven S., 4,525,289, Cl. 252-49.900.
- Hughes, Larry J., 4,507,219, Cl. 252-118.000.
- Hunter, John E., 4,539,212, Cl. 426-325.000.
- Iding, Stephen H.; and Callicott, Robert H., 4,534,879, Cl. 252-174.000.
- Ives, Donald T.; Madill, Michael J.; and Sliva, Philip G., 4,514,444, Cl. 427-242.000.
- Janusz, John M.; and LaHann, Thomas R., 4,532,139, Cl. 514-627.000.
- Janusz, John M.; Buckwalter, Brian L.; and LaHann, Thomas R., 4,544,668, Cl. 514-563.000.
- Joffe, Frederick M.; and Dysart, John K., 4,496,360, Cl. 604-397.000.
- Johnson, Bruce A.; and Wnuk, Andrew J., 4,514,345, Cl. 264-22.000.
- Johnson, Robert C.; and Burns, Larry E., 4,507,351, Cl. 428-198.000.
- Kievit, David J.; and Osterhage, Thomas F., 4,515,595, Cl. 604-385.00A.
- King, Mary K.; White, Roger N.; and Gregory, Paul E., Jr., 4,504,977, Cl. 2-51.000.
- Kock, Ronald W.; and Esposito, John A., 4,551,191, Cl. 156-276.000.
- Koger, Thurman J., II; Farrington, Theodore E., Jr.; and Weinshenker, Eugene, 4,552,709, Cl. 264-504.000.
- Kolodesh, Michael S.; Peters, Edward L.; and Madgett, Raymond J., 4,511,318, Cl. 425-133.100.
- LaHann, Thomas R.; and Buckwalter, Brian L., 4,493,848, Cl. 424-324.000.
- LaHann, Thomas R.; Janusz, John M.; and Buckwalter, Brian L., 4,544,669, Cl. 514-563.000.
- LaHann, Thomas R.; and Farmer, Ralph W., 4,546,112, Cl. 514-627.000.
- Lavash, Bruce W., 4,513,051, Cl. 428-212.000.
- Lavash, Bruce W., 4,523,334, Cl. 2-49.00R.
- Liepa, Alexander L., 4,537,783, Cl. 426-243.000.
- Llenado, Ramon A.; Mao, Mark H. K.; and Nicholson, Denzel A., 4,536,317, Cl. 252-174.170.
- Mersfelder, Robert E.; and Ehrman, Albert M., 4,547,375, Cl. 426-52.000.
- Mihelich, Edward D., 4,496,759, Cl. 562-503.000.
- Moeddel, Robert W., 4,515,705, Cl. 252-174.120.
- Moret, David M.; and Ahr, Nicholas A., 4,495,658, Cl. 2-49.00R.
- Mullane, William I., Jr., 4,509,908, Cl. 425-290.000.
- Nakel, Gunther M.; and Heckert, David C., 4,551,342, Cl. 426-548.000.
- Ooms, Julius, 4,547,301, Cl. 252-8.800.
- Parran, John J., Jr.; and Sakkab, Nabil Y., 4,515,772, Cl. 424-57.000.
- Payne, Nicholas S., 4,536,319, Cl. 252-174.170.
- Persson, Louis T.; and Riemersma, Coenraad E., 4,531,999, Cl. 156-580.200.
- Purves, Edward R.; and Thomas, Robert F., 4,524,085, Cl. 426-601.000.
- Purves, Edward R., 4,528,201, Cl. 426-262.000.
- Radel, Clifford J.; and Thompson, Hugh A., 4,508,256, Cl. 228-152.000.
- Reiter, Godfrey, 4,543,154, Cl. 156-73.100.
- Richardson, David L., 4,529,534, Cl. 252-100.000.
- Robson, Peter, 4,502,986, Cl. 252-526.000.
- Rodriguez, Pedro A.; Edwards, James B.; and Habermehl, Fred M., 4,494,481, Cl. 119-1.000.
- Russell, Glen D.; and Steuri, Christian, 4,534,877, Cl. 252-106.000.
- Sampson, Ronald L.; and Shelton, David L., 4,504,465, Cl. 424-65.000.
- Sedwick, William E., 4,518,115, Cl. 229-52.00B.
- Severson, Roland G., Jr., 4,537,706, Cl. 252-545.000.
- Severson, Roland G., Jr., 4,537,707, Cl. 252-545.000.
- Sneed, Scott W.; Schwam, Bill R.; and Gregory, Paul E., Jr., 4,517,714, Cl. 28-103.000.
- Spangler, Richard A., 4,523,333, Cl. 2-49.00R.
- Spendel, Wolfgang U., 4,555,019, Cl. 206-223.000.
- Staller, Kerry P., 4,540,721, Cl. 523-102.000.
- Swanson, James L.; and Bendure, Raymond L., 4,556,146, Cl. 206-440.000.
- Thompson, James E.; and Broaddus, Charles D., 4,539,130, Cl. 252-94.000.
- Trinh, Toan, 4,512,677, Cl. 401-27.000.
- Trokhan, Paul D., 4,528,239, Cl. 428-247.000.
- Trokhan, Paul D., 4,529,480, Cl. 162-109.000.
- Tse, Hing C., 4,539,216, Cl. 426-597.000.
- Tse, Hing-Cheung, 4,552,776, Cl. 426-597.000.
- Volpenhein, Robert A., 4,517,360, Cl. 536-119.000.
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- Watrous, Howard N.; Cash, Walter, Jr.; and Dixon, Weldon R., 4,547,114, Cl. 414-81.000.
- Welch, David P.; and Bennett, David R., 4,547,113, Cl. 414-49.000.
- Welch, John B., 4,492,646, Cl. 252-528.000.
- Wertz, Jean-Luc H. M., and Goffinet, Pierre C. E., 4,561,998, Cl. 252-547.000.
- Wevers, Jean; Ernst, Hubert; Cassidy, Stephen; and Barrat, Christian R., 4,548,757, Cl. 260-502.50E.
- Wevers, Jean; Halas, Linda A.; and Peltre, Philippe R., 4,559,169, Cl. 252-543.000.

Proctor, David R.; and Foster, Terry L., to Science Research Center, Inc. Assembly for determining light transmissiveness of a fluid. 4,498,782, 2-12-85, Cl. 356-436.000.

Proctor, Keith. Farrowing crates. 4,528,943, 7-16-85, Cl. 119-20.000.

Proctor, Keith J.; and Doring, John D., to Medtronic, Inc. Thread electrode assembly. 4,538,623, 9-3-85, Cl. 128-784.000.

Proctor, Robert H., to Murray Corporation. Wire grip clamp with radially-directed screw take-up. 4,497,090, 2-5-85, Cl. 24-20.00R.

Proctor, Robert H.; and Hobbs, Arthur G., Jr., to Murray Corporation. Weight-monitored air-conditioner charging station. 4,513,578, 4-30-85, Cl. 62-149.000.

Proctor, Ronald A. Seat belt reel. 4,524,924, 6-25-85, Cl. 242-107.40A.

Proctor & Schwartz, Inc.: *See—*
- George, Kurudamannil A., 4,491,603, Cl. 426-482.000.
- George, Kurudamannil A., 4,537,122, Cl. 99-516.000.

Proctor-Silex, inc.: *See—*
- Sturdevant, Eugene J., 4,496,827, Cl. 219-399.000.
- Sturdevant, Eugene J., 4,501,954, Cl. 219-399.000.

Proctor, Ted G.: *See—*
- Weaver, Robert F.; and Proctor, Ted G., 4,531,072, Cl. 310-162.000.

Proctor, Timothy R.: *See—*
- Cook, Kenneth D.; and Proctor, Timothy R., 4,549,570, Cl. 137-389.000.

Proctor, Valerie A.; and Cunningham, Franklin E., to Kansas State University Research Foundation. Egg jerky product and method of preparation. 4,537,788, 8-27-85, Cl. 426-614.000.

Procunier, Peter. Non-dairy parfait type dessert mix. 4,533,560, 8-6-85, Cl. 426-578.000.

Procyk, Frank J., to AT&T Bell Laboratories. Dual stage sense amplifier for dynamic random access memory. 4,542,483, 9-17-85, Cl. 365-190.000.

Procyk, Frank J.: *See—*
- Dumbri, Austin C.; and Procyk, Frank J., 4,494,220, Cl. 365-200.000.
- Dumbri, Austin C.; and Procyk, Frank J., 4,541,078, Cl. 365-230.000.

Prodan, Janos: *See—*
- Gillemot, Laszlo ; Prodan, Janos; Pataki, Endre; and Zuckermann, Erno , 4,515,497, Cl. 403-391.000.

Prodatek Corporation: *See—*
- Pefley, Richard K.; and Pullman, James B., 4,503,832, Cl. 123-527.000.

Prodeco, Inc.: *See—*
- Worthington, Ralph E.; and Magdics, Alex, 4,554,139, Cl. 423-166.000.
- Worthington, Ralph E.; Magdics, Alex; and Stain, Donald B., 4,554,151, Cl. 423-551.000.

Prodel, Jacques: *See—*
- Prodel, Maurice; and Prodel, Jacques, 4,513,854, Cl. 198-472.000.
- Prodel, Maurice; and Prodel, Jacques, 4,519,491, Cl. 198-349.000.

Prodel, Maurice; and Prodel, Jacques. Machines for assembling or for machining parts. 4,513,854, 4-30-85, Cl. 198-472.000.

Prodel, Maurice; and Prodel, Jacques. Apparatus for the assembly and/or machining of circulating and immobilizable parts carried by pallets. 4,519,491, 5-28-85, Cl. 198-349.000.

Prodel, Ulrich H. Plastic bottle case and bottle packaging with such case. 4,538,742, 9-3-85, Cl. 220-21.000.

Prodes, S.A.: *See—*
- Casas, Antonio V., 4,548,952, Cl. 514-533.000.
- Veit, Dagmar V., 4,514,404, Cl. 514-265.000.

Prodger, Terence E.: *See—*
- Billington, Richard W.; Blackwell, Gordon B.; and Prodger, Terence E., 4,514,342, Cl. 260-952.000.

Product Identification Corporation: *See—*
- Schroeder, Jeffrey L., 4,548,519, Cl. 400-61.000.

Product Research And Development: *See—*
- Hartley, E. Dale, 4,493,435, Cl. 222-52.000.

Products for Health and Industry: *See—*
- Duncan, David T.; Lipscomb, David M.; McElligott, John, and Williams, Charles W., 4,508,116, Cl. 128-203.280.

Produits Chimiques Ugine Kuhlmann: *See—*
- Bachelard, Roland; and Lamalle, Maurice, 4,532,121, Cl. 423-600.000.

Balde, Daniel; and Boutemy, Gerard E. M., 4,528,026, Cl. 71-92.000.
Bernard, Michel; Balde, Daniel; Ghenassia, Elie; and Laumain, Francois, 4,499,222, Cl. 524-123.000.
Coingt, Michel, 4,508,696, Cl. 423-588.000.
Dugua, Jacques, 4,530,823, Cl. 423-260.000.
Proebsting, Robert J., to Mostek Corporation. GO/NO GO margin test circuit for semiconductor memory. 4,502,140, 2-26-85, Cl. 371-28.000.
Proebsting, Robert J., to Mostek Corporation. Placement of clock circuits for semiconductor memory. 4,506,347, 3-19-85, Cl. 365-51.000.
Proebsting, Robert J.: *See—*
Dias, Donald R.; Guterman, Daniel C.; Proebsting, Robert J.; and Leuschner, Horst, 4,510,584, Cl. 365-203.000.
Eaton, Sargent S., Jr.; and Proebsting, Robert J., 4,491,936, Cl. 365-149.000.
Proektno-Konstructorskoe Bjuro Elektrogidravliki Adademii Nauk Ukrainskoi SSR: *See—*
Prikhodko, Valery V.; and Kostyrkin, Boris V., 4,493,961, Cl. 219-69.00R.
Prof. Dr.-Ing. Werner H. Bloss: *See—*
Reinhardt, Erich; and Erhardt, Rainer, 4,523,278, Cl. 364-413.000.
Professional Chemical & Color, Inc.: *See—*
Kelly, David R., 4,525,168, Cl. 8-130.100.
Professional Medical Products, Inc.: *See—*
Reed, Albert D., 4,551,872, Cl. 5-445.000.
Professional Packaging Limited: *See—*
Holmes, Gordon W., 4,519,630, Cl. 281-31.000.
Holmes, Gordon W., 4,541,528, Cl. 206-0.820.
Proffit, John D. Golf caddy. 4,550,930, 11-5-85, Cl. 280-655.000.
Proficient Systems, Inc.: *See—*
Moore, Joseph L.; Moore, R. Keith; and Moore, Dennis K., 4,561,240, Cl. 56-328.00R.
Profile Extrusions Company: *See—*
Colliander, Alan C., 4,538,380, Cl. 49-475.000.
Profile Management Services, Inc.: *See—*
Dehls, Allan W., 4,541,362, Cl. 119-51.00R.
Profio, Mark V., to Square D Company. Motor protector relay with memory of overload. 4,509,088, 4-2-85, Cl. 361-29.000.
Profitt, James A.: *See—*
Ong, Helen H.; Anderson, Vernon B.; and Profitt, James A., 4,524,207, Cl. 546-17.000.
Ong, Helen H.; and Profitt, James A., 4,528,399, Cl. 568-43.000.
Ong, Helen H.; and Profitt, James A., 4,537,976, Cl. 549-54.000.
Proform, Inc.: *See—*
Engdahl, Roger, 4,524,700, Cl. 105-377.000.
Progenics, Inc.: *See—*
Coleman, Douglas L.; and Applezweig, Norman, 4,507,289, Cl. 514-170.000.
Coleman, Douglas L.; Applezweig, Norman; and Leiter, Edward H., 4,518,595, Cl. 514-178.000.
Krsek, George, 4,507,242, Cl. 260-397.300.
Programasyst Limited: *See—*
Drummond, Andrew F., 4,562,529, Cl. 364-140.000.
Progress-Electrogerate Mauz & Pfeiffer GmbH & Co.: *See—*
Jacob, Gernot; and Maier, Robert, 4,530,128, Cl. 15-182.000.
Progress Equities Incorporated: *See—*
Berry, W. Wess; Schmeda, Rae A.; and Kibler, Holly S., 4,522,726, Cl. 210-660.000.
Progressive Assembly Machine Co., Inc.: *See—*
Rasmussen, Robert, 4,505,298, Cl. 137-540.000.
Progressive Development Incorporated: *See—*
Duske, Wilfried P.; and Frank, Lowell C., 4,558,525, Cl. 34-128.000.
Progressive Dynamics, Inc.: *See—*
Eccleston, Larry, 4,524,350, Cl. 340-572.000.
Eccleston, Larry, 4,535,323, Cl. 340-572.000.
Progressive Machinery Sales, Inc.: *See—*
Toffolon, Joseph F., 4,522,091, Cl. 82-38.00R.
Progressive Recovery, Inc.: *See—*
Fluchel, Donald G., 4,540,471, Cl. 202-175.000.
Prohaska, Hans: *See—*
Botz, Jakob; Mutschler, Erich; Prohaska, Hans; Schmid, Eckhardt; and Scholl, Wolfgang, 4,531,419, Cl. 74-388.0PS.
Deutscher, Hans-Christian; Kohler, Alfred; Prohaska, Hans; and Schubert, Karl-Friedrich, 4,550,469, Cl. 15-250.340.
Prohaska, Peter, to International Standard Electric Corporation. Adjustable electro-optical device. 4,505,552, 3-19-85, Cl. 350-392.000.
Prohl, Hans-Rudiger; Schmidt, Bernd; and Spannehl, Hans-Peter, to Contraves GmbH. Surface structure for the drum of a recording device. 4,504,843, 3-12-85, Cl. 346-138.000.
Prohl, Melvin A.: *See—*
Cuscino, Richard T.; Lee, Lester H.; Prohl, Melvin A.; Skinner, David R.; and Taylor, Thomas F., 4,552,292, Cl. 228-183.000.
Prohofsky, LeRoy A.; and Hanson, David G., to Sperry Corporation. Local zoom for raster scan displays. 4,546,349, 10-8-85, Cl. 340-731.000.
Prohs, John R. System for interrelating sound transducers or sound sources and their environment. 4,496,022, 1-29-85, Cl. 181-175.000.
Project Packaging, Inc.: *See—*
Allen, Frank W., 4,498,651, Cl. 248-65.000.
Prokopp, Manfred: *See—*
Barth, Hans; and Prokopp, Manfred, 4,551,673, Cl. 324-158.00F.
Proksa, Ferdinand: *See—*
Althausen, Ferdinand; Proksa, Ferdinand; and Osinski, Ulrich, 4,520,947, Cl. 222-63.000.
Proksch, Hans-Jorg; Welte, Dieter; Zimmer, Herbert; and Lotz, Michael, deceased (by Lotz, Carla, nee Post, Andreas Lotz, heirs), to Dornier GmbH. Wing for short take-off and landing aircraft. 4,498,646, 2-12-85, Cl. 244-35.00R.
Prola, Luigi: *See—*
Allazzetta, Felice; and Prola, Luigi, 4,503,664, Cl. 59-16.000.
Prolic AG: *See—*
Bohme, Eike; and Rubenzer, Peter, 4,559,664, Cl. 15-302.000.
Prolingheuer, Ernst-Christoph: *See—*
Rasshofer, Werner; and Prolingheuer, Ernst-Christoph, 4,500,656, Cl. 521-164.000.
Prolite Plastics Limited: *See—*
Kaspe, Paul E., 4,525,319, Cl. 264-322.000.
Prolss, Norbert: *See—*
Hassler, Heinrich; Muller, Reiner; Kippenberg, Horst; and Prolss, Norbert, 4,537,745, Cl. 420-590.000.
PROMA Produkt-und Marketing Gesellschaft m.b.H.: *See—*
Lipinski, Reinhard; and Neff, Karl, 4,512,208, Cl. 74-89.150.
Lipinski, Reinhard, 4,519,297, Cl. 92-88.000.
Promecam Sisson-Lehmann: *See—*
Cros, Pierre, 4,534,203, Cl. 72-481.000.
Promoli, Johann-Christian: *See—*
Bock, Erich; Lovas, Kurt; Promoli, Johann-Christian; and Dammig, Joachim, 4,553,709, Cl. 242-47.010.
Proni Industries, Inc.: *See—*
Proni, Oscar, 4,530,523, Cl. 285-179.000.
Proni, Oscar, 4,544,186, Cl. 285-243.000.
Proni, Oscar, to Proni Industries, Inc. Unitary cantilever clamp action fitting with a split end. 4,530,523, 7-23-85, Cl. 285-179.000.
Proni, Oscar, to Proni Industries, Inc. Unitary clamp action fitting. 4,544,186, 10-1-85, Cl. 285-243.000.
Pronk, Gerrit J., to Shell Oil Company. Process for the complete replacement of particles in vessels. 4,502,946, 3-5-85, Cl. 208-152.000.
Prono, Daniel S., to United States of America, Energy. Low pressure spark gap triggered by an ion diode. 4,507,589, 3-26-85, Cl. 315-111.010.
Prono, Daniel S.; Caporaso, George J.; and Briggs, Richard J., to United States of America, Energy. Electrostatic wire for stabilizing a charged particle beam. 4,507,614, 3-26-85, Cl. 328-233.000.
Pronovost, Richard; Innis, Peter; and O'Rourke, Leo M., to SOQUIP. Method and apparatus for treating natural gas from gas wells for safe transportation in pressure vessels. 4,505,127, 3-19-85, Cl. 62-271.000.
Prop, Gerrit: *See—*
Biedermann, Jurgen; Prop, Gerrit; and Doppelfeld, Ille-Stephanie, 4,518,783, Cl. 548-353.000.
Hilboll, Gerd; Doppelfeld, Ille-Stephanie; and Prop, Gerrit, 4,551,455, Cl. 514-252.000.
Lautenschlager, Hans-Heiner; Betzing, Hans; Prop, Gerrit; and Zierenberg, Ottfried, 4,552,869, Cl. 514-77.000.
Propane Carburetion Company, Inc.: *See—*
Nolff, Robert L., 4,519,347, Cl. 123-195.00A.
Propane Carburetion Systems, Inc.: *See—*
Batchelor, William H., 4,520,785, Cl. 123-525.000.
Batchelor, William H., 4,535,728, Cl. 123-27.0GE.
Lagano, Thomas; and Batchelor, William H., 4,513,727, Cl. 123-525.000.
Proper, John D., to Alpha Microsystems. VCR backup system. 4,530,048, 7-16-85, Cl. 364-200.000.
Properzi, Giulio. Rolling unit for a bar or the like rolling mill. 4,537,054, 8-27-85, Cl. 72-224.000.
Proponet, Christian: *See—*
Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, 4,547,834, Cl. 361-386.000.
Propper Manufacturing Co., Inc.: *See—*
Heine, Helmut A.; Rosenbusch, Helmut W.; and Schmidt, Otto H., 4,538,889, Cl. 351-205.000.
Speelman, Irving A., 4,505,274, Cl. 128-337.000.
Proprietary Technology, Inc.: *See—*
Bartholomew, Donald D., 4,508,234, Cl. 215-206.000.
Bartholomew, Donald D., 4,524,995, Cl. 285-54.000.
Bartholomew, Donald D., 4,526,411, Cl. 285-305.000.
Bartholomew, Donald D., 4,541,658, Cl. 285-319.000.
Propsom, George F., to Western Publishing Company, Inc. Improved game board with pieces cooperating for rotation. 4,512,584, 4-23-85, Cl. 273-282.000.
Propst, Larry D.: *See—*
Davis, James W.; DiFloria, Thomas J.; and Propst, Larry D., 4,557,474, Cl. 271-301.000.
Propst, Verle V.: *See—*
Winter, Rudolph R.; and Propst, Verle V., 4,553,313, Cl. 29-568.000.
Propster, John A.; and Rowan, John H., to Hughes Aircraft Company. Modular programmable signal processor. 4,541,048, 9-10-85, Cl. 364-200.000.
Propster, Mark A.: *See—*
Dunn, Charles S.; Propster, Mark A.; and Hohman, Charles M., 4,528,013, Cl. 65-136.000.
Streicher, William L.; and Propster, Mark A., 4,549,896, Cl. 65-135.000.
Prosan, Richard; Hair, James M., III; and Sheppard, Donald A. Secure locking system employing radiant energy and electrical data transmission. 4,525,805, 6-25-85, Cl. 364-900.000.
Proscia, George E.: *See—*
Katz, Saul N.; and Proscia, George E., 4,513,136, Cl. 544-275.000.

Katz, Saul N.; Proscia, George E.; and Clisura, George L., 4,548,827, Cl. 426-427.000.
Prosen, Edward J. Bomb-type conduction calorimeter. 4,511,263, 4-16-85, Cl. 374-38.000.
Prosenbauer, Otto, to Inject Star Pokelmaschinen Gesellschaft m.b.H. Equipment for massaging of meat. 4,520,718, 6-4-85, Cl. 99-535.000.
Prosenbauer, Otto, to Inject Star Pokelmaschinen Gesellschaft m.b.H. Device for severing the meat adhering to bones from these bones. 4,535,504, 8-20-85, Cl. 17-1.00G.
Prosenbauer, Otto, to Inject Star Pokelmaschinen Gesellschaft m.b.H. Apparatus for separating meat from bones. 4,538,324, 9-3-85, Cl. 17-1.00G.
Prosl, Frank R.; and Sampson, Edward J., to Infusaid Corporation. Infusate pump. 4,496,343, 1-29-85, Cl. 604-86.000.
Prosl, Frank R.; Skakoon, James G.; Carlozzi, Gerard S.; and Infusaid Corporation. Implantable magnetically-actuated valve. 4,541,429, 9-17-85, Cl. 604-249.000.
Prosnitz, Donald; and Szoke, Abraham, to United States of America. Energy. Free electron laser designs for laser amplification. 4,506,229, 3-19-85, Cl. 330-4.300.
Prosnitz, Donald; and Haas, Roger A., to United States of America. Energy. Two-dimensional optimization of free electron laser designs. 4,510,455, 4-9-85, Cl. 330-4.300.
Prosnitz, Donald: *See—*
Szoke, Abraham; and Prosnitz, Donald, 4,500,843, Cl. 330-4.300.
Pross, Wilhelm; Barry, Jurgen; Muhlbock, Franz; and Hartmann, Klaus. Photometric method for determining courses of reactions. 4,492,462, 1-8-85, Cl. 356-39.000.
Prost, Jean-Louis; and Gross, Daniel, to Battelle Memorial Institute. Method of and apparatus for determining the level of liquid in a vessel. 4,535,627, 8-20-85, Cl. 73-290.00B.
Prost, Roger: *See—*
Delacour, Pierre; and Prost, Roger, 4,506,512, Cl. 62-49.000.
Protechna Herbst GmbH & Co. KG: *See—*
Flamig, Peter, 4,549,413, Cl. 66-163.000.
Protectair Limited: *See—*
Young, David E., 4,500,313, Cl. 604-280.000.
Protectaire Systems Co.: *See—*
Otocki, Tadeusz S., 4,513,682, Cl. 118-322.000.
Russell, Frederick E., 4,545,295, Cl. 98-115.200.
Protective Treatments, Inc.: *See—*
Nevins, Norman; McVay, Robert L.; and Bellanca, Carmen L., 4,542,053, Cl. 428-48.000.
Smith, Donald E., 4,502,259, Cl. 52-208.000.
Wolters, Dennis R., 4,491,614, Cl. 428-31.000.
Protector Agentur AB: *See—*
Uustalu, Jaan M., 4,552,817, Cl. 428-423.700.
Protek AG: *See—*
Muller, Maurice E.; Niederer, Peter G.; and Frey, Otto, 4,530,115, Cl. 623-23.000.
Proter S.p.A.: *See—*
DeBarbieri, Augusto; and Bekesi, Julius G., 4,508,710, Cl. 514-19.000.
DeBarbieri, Augusto; and Bekesi, Julius G., 4,540,683, Cl. 514-18.000.
Protin, Bernard: *See—*
Nassoy, Jacques; and Protin, Bernard, 4,510,667, Cl. 29-526.00R.
Proto-Med, Inc.: *See—*
Mottram, William R.; Fisher, Gene A.; and Feierabend, Louis, 4,502,873, Cl. 55-179.000.
Proto-Power Management Corporation: *See—*
Helm, John L., 4,492,186, Cl. 122-382.000.
Protocol Engineering Limited: *See—*
Elworthy, John H.; and Mayston, Donald, 4,517,036, Cl. 156-64.000.
Protoned B.V.: *See—*
Brauning, Egon, 4,548,328, Cl. 211-205.000.
Protoschill, Klaus: *See—*
Schauf, Dieter; Protoschill, Klaus; Oberbach, Karl; and Depcik, Hans-Werner, 4,511,184, Cl. 301-63.0PW.
Prototech Company: *See—*
Lindstrom, Robert; and Allen, Robert J., 4,524,094, Cl. 428-36.000.
Prototype Equipment Company: *See—*
Goodman, James A., 4,524,560, Cl. 53-374.000.
Prottengeier, Manfred, to Doboy Verpackungsmaschinen GmbH. Welding and separating apparatus for plastic films. 4,551,965, 11-12-85, Cl. 53-463.000.
Prottey, Colin: *See—*
Barratt, Martin D.; Bowser, Paul A.; Durrant, James A.; George, Dieno; Hall, Keith J.; Hill, John C.; Lowry, Michael R.; and Prottey, Colin, 4,507,319, Cl. 514-546.000.
Proud, Joseph M.; and Lapatovich, Walter P., to GTE Automatic Electric Laboratories Incorporated. Plasma switch. 4,495,435, 1-22-85, Cl. 313-231.310.
Proud, Joseph M.; Riseberg, Leslie A.; Byszewski, Wojciech W.; and Budinger, A. Bowman, to GTE Automatic Electric Laboratories Incorporated. Multi-electrode array for a beam mode fluorescent lamp. 4,516,057, 5-7-85, Cl. 315-260.000.
Proud, Joseph M.; Budinger, A. Bowman; Riseberg, Leslie A.; and Byszewski, Wojciech W., to GTE Automatic Electric Laboratories Incorporated. Twin anode beam mode fluorescent lamp. 4,518,897, 5-21-85, Cl. 315-260.000.
Proud, Joseph M.: *See—*
Budinger, A. Bowman; Byszewski, Wojciech W.; and Proud, Joseph M., 4,494,046, Cl. 315-260.000.
Byszewski, Wojciech W.; Budinger, A. Bowman; and Proud, Joseph M., 4,521,718, Cl. 315-99.000.
Proud, Ralph A., to Symbex Corporation. Method and apparatus for making fork contacts. 4,546,542, 10-15-85, Cl. 29-874.000.
Prough, Craig M.: *See—*
Overholser, Duane J.; and Prough, Craig M., 4,510,692, Cl. 33-174.00G.
Proulx, Oliver J.: *See—*
Raes, Maurice C.; and Proulx, Oliver J., 4,506,040, Cl. 521-137.000.
Proulx, Richard W.: *See—*
Davich, Luke J.; Erickson, Jack A.; and Proulx, Richard W., 4,509,428, Cl. 102-466.000.
Davich, Luke J.; Erickson, Jack A.; and Proulx, Richard W., 4,514,352, Cl. 264-230.000.
Prouty, Gerald G.: *See—*
Baird, Richard H.; Blechar, Theodore J.; Giladett, Leo V. B.; Horner, Reginald M.; Prouty, Gerald G.; and Rinde, David L., 4,527,623, Cl. 165-173.000.
Proux, Yves; and Perron, Alain, to Societe Francaise d'Organo-Synthese. Additives for lubricating oils containing styrene and heavy C_{12}–C_{20} alkyl esters of methacrylic acid, preparation method and applications. 4,496,691, 1-29-85, Cl. 525-73.000.
Provencal, Earl J.: *See—*
Guertin, Joseph J.; and Provencal, Earl J., 4,498,617, Cl. 228-119.000.
Provesan, SA: *See—*
Esteve-Soler, Jose, 4,552,882, Cl. 514-300.000.
Providence Plantations: *See—*
Krul, William R., 4,532,733, Cl. 47-58.000.
Langdon, Christopher, 4,556,472, Cl. 204-406.000.
Provisor, Zvi; and Burford, Henry H. T., Jr., to Crosfield Data Systems, Inc. Apparatus and method of microprocessor-controlling laser scanning of a material held by a transport, the loading and unloading of the transport also being microprocessor-controlled. 4,517,638, 5-14-85, Cl. 364-146.000.
Provolo, Daniel J., to Stewart-Warner Corporation. Method for attaching wheels to dual wheel casters, including ultrasonic welding. 4,544,425, 10-1-85, Cl. 156-73.100.
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Provost, Florent: *See—*
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Provost, Lawrence A., to Kent-Moore Corporation. Crankshaft seal installing tool. 4,551,898, 11-12-85, Cl. 29-235.000.
Provost, Lawrence A.; and Boyer, Robert D., to Sealed Power Corporation. Ring compressor tool. 4,553,421, 11-19-85, Cl. 72-402.000.
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Leclercq, Lucien; and Provost, Marcelle, 4,522,708, Cl. 208-136.000.
Provost, Pierre; and Bedard, Jean T., to Vaqua Pneumatique. Weighing scale for individual wheels of a tandem set of wheels. 4,535,858, 8-20-85, Cl. 177-134.000.
Prucher, Helmut: *See—*
Hausberg, Hans-Heinrich; Prucher, Helmut; Uhl, Jurgen; Seyfried, Christoph; and Minck, Klaus, 4,508,732, Cl. 514-466.000.
Pruckmayr, Gerfried, to Du Pont de Nemours, E. I., and Company. Method for preparing poly(tetramethylene ether) glycol having narrow molecular weight distribution. 4,510,333, 4-9-85, Cl. 568-617.000.
Prud'Homme, Christian: *See—*
Cavezzan, Jacques; and Prud'Homme, Christian, 4,518,758, Cl. 528-12.000.
Prudhomme, Malcolm J. Advanced dual-filtering apparatus. 4,517,082, 5-14-85, Cl. 210-117.000.
Prudhomme, Pierre: *See—*
Nicolas, Michel; and Prudhomme, Pierre, 4,557,292, Cl. 137-596.160.
Prud'homme, Robert K.; Stanley, Frederick W., Jr.; and Langhorst, Martin A., to Dow Chemical Company, The. Method for characterizing the molecular weight and molecular weight distribution of ultra-high molecular weight water soluble polymers. 4,532,043, 7-30-85, Cl. 210-635.000.
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Bernard, Philippe; and Prudhon, Francois, 4,526,529, Cl. 431-9.000.
Frusta, Georges; and Prudhon, Francois, 4,505,667, Cl. 431-182.000.
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Prue, Walter W., Jr.: *See—*
Faulkner, Neil P.; and Prue, Walter W., Jr., 4,541,065, Cl. 364-571.000.
Prueter, Elton D.: *See—*
Laursen, Larry J.; and Prueter, Elton D., 4,520,547, Cl. 29-469.500.
Pruett, Larry S. Adjustable thermostat valve system for automotive vehicles. 4,493,455, 1-15-85, Cl. 236-34.500.
Pruett, Roy L.: *See—*
Doyle, Gerald; Pruett, Roy L.; and Savage, David W., 4,508,694, Cl. 423-246.000.
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Bergermann, Franz; and Prufer, Michael, 4,504,825, Cl. 340-709.000.

- Bergermann, Franz; and Prufer, Michael, 4,528,560, Cl. 340-709.000.

Prugh, John D., to Merck & Co., Inc. Process for preparing inhibitors of 3-hydroxy-3-methylglutaryl coenzyme a reductase via a chiral synthon. 4,540,796, 9-10-85, Cl. 549-292.000.

Pruhs, Horst; and Altenschopfer, Theodor, to Henkel Kommanditgesellschaft auf Aktien. Dishwasher detergent paste. 4,511,487, 4-16-85, Cl. 252-99.000.

Prukner, Walter, to Waltec, Inc. Stainless steel toilet. 4,559,650, 12-24-85, Cl. 4-420.000.

Prukop, Gabriel: *See—*
- Ashrawi, Samir S.; and Prukop, Gabriel, 4,559,148, Cl. 252-8.55D.

Pruller, Helmut: *See—*
- Temme, Karl; Beckschafer, Klaus; and Pruller, Helmut, 4,498,986, Cl. 210-199.000.

Prunbauer, Kurt; and Csapo, Erich, to Evva-Werk Spezialerzeugung von Zylinder- und Sicherheitsschlossern Gesellschaft m.b.H. & Co. Kommanditgesellschaft. Locking device and key. 4,516,416, 5-14-85, Cl. 70-276.000.

Pruneau, Albert, Jr.: *See—*
- Gagliardo, John P.; Morse, Donald K.; and Pruneau, Albert, Jr., 4,535,846, Cl. 169-25.000.

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- Gagliardo, John P.; and Pruneau, Albert J., 4,503,915, Cl. 169-15.000.

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- Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 4,506,846, Cl. 242-199.000.

Prunieras, Michel: *See—*
- Guedon born Saglier, Isabelle; Barritault, Denis; Courtois, Yves; Arruti, Cristina; and Prunieras, Michel, 4,533,635, Cl. 435-240.000.

Prunty, Jeffrey L.: *See—*
- Pink, John J.; Prunty, Jeffrey L.; and Alba, Donald, 4,557,118, Cl. 62-382.000.

Prunty, Pleasant A.: *See—*
- Schantz, Robert E.; McCune, James D.; and Prunty, Pleasant A., 4,545,361, Cl. 126-226.000.

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Prusak, John J., to RCA Corporation. Method and apparatus for the manufacture of record stampers. 4,522,659, 6-11-85, Cl. 148-11.50R.

Prusak, John J., to RCA Corporation. Electroforming apparatus. 4,534,844, 8-13-85, Cl. 204-281.000.

Prusak, John J.: *See—*
- Thorn, Joseph H.; and Prusak, John J., 4,512,455, Cl. 198-404.000.
- Westerman, Harry H., Jr.; and Prusak, John J., 4,516,301, Cl. 29-27.00C.

Prusek, Jaroslav: *See—*
- Novak, Vaclav; Prusek, Jaroslav; and Trojan, Vaclav, 4,522,699, Cl. 204-434.000.

Prussin, Samuel: *See—*
- Young, Robert W.; Prussin, Samuel; and Gaylord, Norman G., 4,500,337, Cl. 71-67.000.
- Young, Robert W.; Prussin, Samuel; and Gaylord, Norman G., 4,500,339, Cl. 71-67.000.

Prussin, Samuel, deceased: *See—*
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Prussin, Shirley, executor: *See—*
- Young, Robert W.; Prussin, Samuel, deceased; and Gaylord, Norman G., 4,500,338, Cl. 71-67.000.

Prussin, Simon A.; and Hikin, Boris L., to TRW Inc. Shallow junction depth measurement method. 4,510,798, 4-16-85, Cl. 73-150.00R.

Prussner, Peter: *See—*
- Dorre, Erhard; Prussner, Peter; and Zichner, Ludwig, 4,538,306, Cl. 623-20.000.

Pruszenski, Anthony S., Jr., to Charles Stark Draper Laboratory, Inc., The. Dual axes multiple prism optical system for azimuth and elevation variation detection. 4,492,859, 1-8-85, Cl. 250-216.000.

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- Simon, Donald R., 4,513,066, Cl. 429-42.000.
- Simpson, Raymond W., 4,525,848, Cl. 375-87.000.

Pruyne, Jerry R., to Miro Industries, Inc. Pipe-supporting device. 4,513,934, 4-30-85, Cl. 248-49.000.

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- Sladek, Zdenek; Musil, Frantisek; Podmela, Ladislav; and Bursa, Miloslav, 4,542,664, Cl. 74-804.000.

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- Bursa, Miloslav; Musil, Frantisek; and Podmela, Ladislav, 4,537,094, Cl. 74-804.000.

Pryde, Everett H.: *See—*
- Schwab, Arthur W.; and Pryde, Everett H., 4,526,586, Cl. 44-53.000.
- Schwab, Arthur W.; and Pryde, Everett H., 4,557,734, Cl. 44-53.000.

Prymak, John D., to AVX Corporation. Low dissipation factor monolithic capacitor for high frequency applications. 4,509,103, 4-2-85, Cl. 361-321.000.

Pryor, David J.: *See—*
- Spratt, Brendan J.; Pryor, David J.; Jones, James B., Jr.; Davis, Dennis W.; and Frazier, Richard V., Jr., 4,554,547, Cl. 343-7.300.

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Pryor, James W., to R. J. Reynolds Tobacco Company. Application of additives to cigarette filter tow. 4,525,385, 6-25-85, Cl. 427-177.000.

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Pryor, Leroy C.: *See—*
- McClelland, John R.; Wright, Wade S.; Diamond, Edward P.; Pryor, Leroy C.; and Olson, Douglas R., 4,504,957, Cl. 373-130.000.

Pryor, Marc I., to Ford Motor Company. Pneumatic spring and strut assembly. 4,555,096, 11-26-85, Cl. 267-8.00R.

Pryor, Michael J.; Winter, Joseph; and Dantzig, Jonathan A., to Olin Corporation. Method and apparatus for forming a thixoforged copper base alloy cartridge casing. 4,494,461, 1-22-85, Cl. 102-464.000.

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Pryor, Michael J., to Olin Corporation. Method for producing equiaxed iron or iron alloy particles. 4,544,463, 10-1-85, Cl. 204-146.000.

Pryor, Michael J.: *See—*
- Winter, Joseph; and Pryor, Michael J., 4,508,423, Cl. 350-96.230.
- Winter, Joseph; and Pryor, Michael J., 4,555,054, Cl. 228-148.000.

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Pryor, Timothy R.; Hageniers, Omer L.; Pastorius, Walter J.; Liptay-Wagner, Nicholas; and Clarke, Donald A., to Diffracto Ltd. Method and apparatus for determining physical characteristics of objects and object surfaces. 4,506,980, 3-26-85, Cl. 356-237.000.

Pryor, Timothy R., to Diffracto Ltd. Electro-optical sensors with fiber optic bundles. 4,515,479, 5-7-85, Cl. 356-375.000.

Pryor, Timothy R.; Hageniers, Omer L.; and North, Walter P. T., to Diffracto Ltd. Optical triangulation gear inspection. 4,547,674, 10-15-85, Cl. 250-560.000.

Pryor, Timothy R. Controlled machining of combustion chambers, gears and other surfaces. 4,559,684, 12-24-85, Cl. 29-156.40R.

Pryor, Timothy R., to Diffracto Ltd. Electro-optical sensors for tool and robotic inspection. 4,561,776, 12-31-85, Cl. 356-72.000.

Pryputsch, Gunter G.; Leila, Lennox M.; Parkinson, Gerald E.; and Arneson, Leonard A., to Omega Air Flow-21, Ltd. Forced convection oven. 4,503,760, 3-12-85, Cl. 99-447.000.

Prystowsky, Eric N.; and Zipes, Douglas P. Method of inhibiting cardiac arrhythmias. 4,554,922, 11-26-85, Cl. 128-419.0PG.

Przepiora, Edward; and Lombardi, Gerald T., to North American Philips Corporation. Electric lamp package and carton therefor. 4,561,542, 12-31-85, Cl. 206-418.000.

Przewalski, Zygmunt J., to MSP, Inc. Counter current incineration unit. 4,542,703, 9-24-85, Cl. 110-246.000.

Przybyl, Robert V.: *See—*
- Bowden, Edgar A.; and Przybyl, Robert V., 4,514,770, Cl. 360-69.000.

Przybylinski, Phillip G.: *See—*
- Hesch, Harold E.; and Przybylinski, Phillip G., 4,557,647, Cl. 410-58.000.

Przybylla, Fritz: *See—*
- Gnadig, Gerhard; Przybylla, Fritz; and Schneider, Friedrich, 4,497,358, Cl. 164-80.000.

Przybylski, Aleksander T.: *See—*
- Fox, Sidney W.; and Przybylski, Aleksander T., 4,514,584, Cl. 136-263.000.

Przybylski, Gerhard: *See—*
- Barnicol-Ottler, Max; Loczenski, Martin; Mieschke, Norbert; Ott, Gerhard; Przybylski, Gerhard; and Weber, Dietmar, 4,538,022, Cl. 174-113.00R.

Przybysz, John X.; and Ostop, John A., to Westinghouse Electric Corp. Method of making a self protected thyristor. 4,514,898, 5-7-85, Cl. 29-582.000.

Przybysz, John X.; and Schlegel, Earl S., deceased (by Schlegel, Barbara W., administratrix), to Westinghouse Electric Corp. Method of making a self-protected thyristor. 4,516,315, 5-14-85, Cl. 29-576.00B.

Przybysz, John X., to Westinghouse Electric Corp. Temperature stable self-protected thyristor and method of producing. 4,555,845, 12-3-85, Cl. 29-574.000.

Przybysz, John X.: *See—*
- Miller, Donald L.; and Przybysz, John X., 4,536,783, Cl. 357-38.000.

Przytulla, Dietmar, to Mauser-Werke GmbH. Process for fabricating a hollow body. 4,529,570, 7-16-85, Cl. 264-534.000.

Psaledakis, Nicholas G. Proteolytic enzymes in the zymogen form to treat sarcoma cells. 4,514,388, 4-30-85, Cl. 424-94.000.

Psaltis, Demetri: *See—*
- McLauchlan, John M.; AuYeung, John; Tubbs, Eldred F.; Goss, Willis C.; and Psaltis, Demetri, 4,533,242, Cl. 356-5.000.

Pschebezin, Anton: *See—*
- Dianitsch, Franz; and Pschebezin, Anton, 4,523,819, Cl. 351-106.000.

Pschera, Andreas: *See—*
- Kosak, Wolfgang; Reischl, Rolf; and Pschera, Andreas, 4,541,389, Cl. 123-490.000.

Pschunder, Willi, to Telefunken Electronic GmbH. Wafer-shaped solar cell. 4,525,594, 6-25-85, Cl. 136-256.000.

- PSI Associates, Inc.: *See—*
  - Jones, Corey N.; and Chapline, Thomas, 4,504,235, Cl. 434-219.000.
  - Jones, Corey N.; and Hawkins, Patricia A., 4,533,329, Cl. 434-219.000.
- PSI Star, Inc.: *See—*
  - Nelson, Norvell J., 4,497,687, Cl. 156-659.100.
  - Nelson, Norvell J., 4,543,153, Cl. 156-656.000.
  - Nelson, Norvell J., 4,545,850, Cl. 156-642.000.
  - Nelson, Norvell J., 4,556,449, Cl. 156-659.100.
- Psychologics, Inc.: *See* –
  - Clymer, Roy E., 4,518,866, Cl. 307-201.000.
- Psytronics Associates: *See—*
  - Rubenstein, Charles P.; Nevid, Jeffrey S.; and Rathus, Spencer A., 4,540,292, Cl. 368-29.000.
- PT Components, Inc.: *See—*
  - Min, Young K., 4,560,913, Cl. 318-760.000.
- Ptacek, Michael V., to Deere & Company. Wheeled excavator having a dozer blade and a boom-mounted stabilizer wheel. 4,501,334, 2-26-85, Cl. 172-832.000.
- Ptasienski, Mitchell P.; Mustoe, Robert M.; and Zajonc, Fred H., deceased (by Zajonc, Margaret S., executrix), to United States Gypsum Company. Method for cutting gypsum board with high velocity fluid cutting jet. 4,496,515, 1-29-85, Cl. 264-504.000.
- PTC Aerospace Inc.: *See—*
  - Brennan, Edward J.; and Pratt, John H., Jr., 4,509,795, Cl. 297-434.000.
  - Brennan, Edward J., 4,511,178, Cl. 297-146.000.
  - Brennan, Edward J.; Long, William A.; and Brunelle, Rene J., 4,526,421, Cl. 297-232.000.
  - Brennan, Edward J., 4,533,175, Cl. 297-232.000.
  - Brennan, Edward J., 4,536,027, Cl. 297-124.000.
  - Brennan, Edward J., 4,560,859, Cl. 219-386.000.
- PTX-Pentronix, Inc.: *See—*
  - DeSantis, Raymond P., 4,550,551, Cl. 53-534.000.
  - DeSantis, Raymond P., 4,553,375, Cl. 53-475.000.
- Puar, Deepraj S., to Signetics Corporation. Sense and refresh amplifier circuit. 4,508,980, 4-2-85, Cl. 307-530.000.
- Public Safety Equipment, Inc.: *See—*
  - Menke, W. Kenneth; and Jincks, Danny C., 4,543,622, Cl. 362-219.000.
- Puccerella, Thomas J. Water saving system. 4,554,688, 11-26-85, Cl. 4-191.000.
- Puccetti, Angelo: *See—*
  - Franchini, Mauro; Sarasso, Angelo; and Puccetti, Angelo, 4,498,439, Cl. 123-438.000.
- Puccini, Sergio E.: *See—*
  - Krikor, Agop K.; and Puccini, Sergio E., 4,499,336, Cl. 179-18.0ES.
  - Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,520,478, Cl. 370-63.000.
  - Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,441, Cl. 370-63.000.
  - Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., 4,524,442, Cl. 370-63.000.
- Puchades, Jesus E. B.: *See—*
  - Spickett, Robert G. W.; Mauri, Jacinto M.; and Puchades, Jesus E. B., 4,560,545, Cl. 423-430.000.
- Pucher, Richard A.: *See—*
  - Musser, Glenn A.; Rayfield, James F.; and Pucher, Richard A., 4,512,139, Cl. 56-11.200.
- Puchta, Rolf; Nusslein, Hans; Boeck, Alexander; and Streschnak, Benno, to Henkel Kommanditgesellschaft auf Aktien. Acid-containing product for the treatment of moist wash in the mechanical clothes drier. 4,526,694, 7-2-85, Cl. 252-8.800.
- Puckett, Clarence D.: *See—*
  - Thiry, William; Westlund, Arnold E., Jr.; and Puckett, Clarence D., 4,506,316, Cl. 362-309.000.
- Puckett, Paul B., to Nature's Window, Inc. Animal enclosure. 4,552,093, 11-12-85, Cl. 119-17.000.
- Puckette, Charles M., to General Electric Company. Binary signal demodulator with comparative value decision circuitry. 4,535,297, 8-13-85, Cl. 329-126.000.
- Puckowski, Robert T.; Cooper, Dennis; and Duffy, Patrick J., to BICC Public Limited Company. Manufacture of oriented insulated wires and cables. 4,533,417, 8-6-85, Cl. 156-51.000.
- Puda, Mark E., to Aluminum Company of America. Phase compensator for gauge control using estimate of roll eccentricity. 4,531,392, 7-30-85, Cl. 72-10.000.
- Pudas, Roland: *See—*
  - Otterstedt, Jan-Erik A.; Jaras, Sven G.; Pudas, Roland; and Upson, Lawrence L., 4,515,903, Cl. 502-68.000.
- Pudenz-Schulte Medical Research Corp.: *See—*
  - Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,552,553, Cl. 604-9.000.
  - Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, 4,560,375, Cl. 604-9.000.
- Pudims, Albert A., to Westinghouse Electric Corp. Electrical wiring device with cord grip fingers having longitudinal flex joints. 4,556,273, 12-3-85, Cl. 339-103.00M.
- Pudsey, David G., to GEC Avionics Limited. Communication system interconnecting radios and operators located at different positions. 4,519,069, 5-21-85, Cl. 370-85.000.
- Pudwill, Horst, to CEP Continental Engineering Products Co., Ltd. Vacuum cleaner. 4,541,142, 9-17-85, Cl. 15-323.000.
- Puebla-Ponce, Claudio G.: *See—*
  - Michl, Josef; and Puebla-Ponce, Claudio G., 4,551,819, Cl. 365-120.000.
- Puech, Claude: *See—*
  - Le Parquier, Guy; and Puech, Claude, 4,502,037, Cl. 340-347.0AD.
  - Papuchon, Michel; Arditty, Herve; and Puech, Claude, 4,560,867, Cl. 250-225.000.
- Pufal, Rolf H., to Klockner-Humboldt-Deutz AG. Seal means for couplings in gas conduits. 4,558,871, 12-17-85, Cl. 277-84.000.
- Puff, Norbert M. Electronic audio-visual timepiece. 4,531,841, 7-30-85, Cl. 368-63.000.
- Puff, Roger: *See—*
  - Dreuilhe, Jacques; Puff, Roger; Kita, Jean-Claude; and Large, Jean-Francois, 4,542,716, Cl. 122-4.00D.
- Pufpaff, Frederick J.: *See—*
  - Hoen, Cuyler; and Pufpaff, Frederick J., 4,522,436, Cl. 292-113.000.
- Pugar, Eloise A.: *See—*
  - Morgan, Peter E. D.; and Pugar, Eloise A., 4,552,740, Cl. 423-344.000.
- Puggioli, Roberto: *See—*
  - Borrman, Bo; and Puggioli, Roberto, 4,553,764, Cl. 277-226.000.
- Pugh, James G.; and Carmichael, Richard W., to Allied Corporation. Dual brake valve with brake proportioning. 4,553,789, 11-19-85, Cl. 303-54.000.
- Pugh, Jerry T.: *See—*
  - Boger, David L.; Pugh, Jerry T.; and Zuidema, Jack, 4,518,565, Cl. 422-58.000.
  - Boger, David L.; Johnson, Leighton C.; and Pugh, Jerry T., 4,526,753, Cl. 422-56.000.
- Pugh, John B. Ridge latch plate and cooperating latch pin. 4,503,651, 3-12-85, Cl. 52-639.000.
- Pugh, Stuart; Smith, Douglas G.; Lee, Chee M.; Parr, Leslie R.; Birkett, John N.; Stibbs, Richard G.; and Tai, Tet C., to University of Technology. Adjustable support for an optical or other instrument. 4,515,333, 5-7-85, Cl. 248-122.000.
- Pugh, Stuart: *See—*
  - Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.
- Pugin, Andre: *See—*
  - Polony, Rudolf; Reinert, Gerhard; Holzle, Gerd; Pugin, Andre; and Vonderwahl, Rodolphe, 4,530,924, Cl. 514-191.000.
- Puginsky, Viktor A.: *See—*
  - Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.
- Puglia, Wayne J.; Kehoe, Gary S.; and Clark, K. Warren, to Nabisco Brands, Inc. Reduced-shrink bubble gum. 4,500,547, 2-19-85, Cl. 426-3.000.
- Puglia, Wayne J.: *See—*
  - Morris, William M.; Witzel, Frank; Puglia, Wayne J.; Mackay, Donald A. M.; Clark, K. Warren; and Patanasinth, Kanit J., 4,533,543, Cl. 424-38.000.
- Puglis, Joseph M.: *See—*
  - Engel, John F.; and Puglis, Joseph M., 4,555,521, Cl. 514-362.000.
- Pugnaire, Jean-Pierre A., to Environmental Control Technology, Inc. Low pressure transducer. 4,545,255, 10-8-85, Cl. 73-726.000.
- Pugnale, Peter J.; Clark, John M.; and Penland, William R., to Owens-Corning Fiberglas Corporation. Double-wall underground container for storing liquids and leak detecting means therefor. 4,561,292, 12-31-85, Cl. 73-49.200.
- Pugniere, Martine: *See—*
  - Commeyras, Auguste; Previero, Aldo; and Pugniere, Martine, 4,540,792, Cl. 548-344.000.
- Pugsley, Peter C., to Crosfield Electronics Limited. Reproduction of colored images. 4,496,968, 1-29-85, Cl. 358-80.000.
- Pugsley, Peter C., to Crosfield Electronics Limited. Controlling register in a printing press. 4,532,596, 7-30-85, Cl. 364-469.000.
- Puhaczewski, Paul R.: *See—*
  - Hamilton, Charles H.; and Puhaczewski, Paul R., 4,502,309, Cl. 72-60.000.
- Puhak, Peter G., to North American Philips Consumer Electronics Corp. Laminated metallic means for dampening internal CRT vibrations. 4,506,188, 3-19-85, Cl. 313-405.000.
- Puhringer, Franz, to Steyr-Daimler-Puch Aktiengesellschaft. Lathe. 4,512,223, 4-23-85, Cl. 82-2.500.
- Puhringer, Othmar: *See—*
  - Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; Zajicek, Ernst; and Puhringer, Othmar, 4,546,483, Cl. 373-24.000.
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- Pujari, Vimal K., to Allied Corporation. Vacuum fluidized powder feed apparatus. 4,556,090, 12-3-85, Cl. 141-59.000.
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- Pukkila, Olli J., to Oy Nokia AB. Suction chamber in a fan. 4,540,338, 9-10-85, Cl. 415-219.00C.
- Pulcrano, Frank C.: *See—*
  - Fischer, Robert L.; Pulcrano, Frank C.; Coldiron, Lee C.; Topping, Terry M.; Potter, J. H.; and Owens, Robert H., 4,557,661, Cl. 414-730.000.

- Puleo, Joseph, Jr.: *See—*
  - Baldvins, Jon O.; and Puleo, Joseph, Jr., 4,504,565, Cl. 430-138.000.
- Puletti, Paul P.: *See—*
  - Schmidt, Robert C., Jr.; and Puletti, Paul P., 4,526,577, Cl. 604-366.000.
- Pulford, William M.: *See—*
  - Cook, William A.; Hoffman, Gary R.; and Pulford, William M., 4,518,958, Cl. 340-679.000.
- Pulk, Brian E.; and Bateman, Charles D., to Sundstrand Data Control, Inc. Dynamic low tire pressure detection system for aircraft. 4,550,385, 10-29-85, Cl. 364-558.000.
- Pullen, Alan J., to Discovision Associates. Universal video data playback. 4,535,366, 8-13-85, Cl. 358-342.000.
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- Pullen, Roger J., to Schlumberger Electronics (U.K.) Limited. Parallel motion displacement transducers. 4,503,616, 3-12-85, Cl. 33-172.00E.
- Pullen, Roger J., to Schlumberger Electronics (U.K.) Limited. Cable outlet adaptors. 4,554,408, 11-19-85, Cl. 174-135.000.
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- Pullinen, Martti, to Valmet Oy. Forming shoe for a former in a paper machine. 4,523,978, 6-18-85, Cl. 162-300.000.
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  - Rymarchyk, Nicholas M., Jr.; and Meinert, Leo L., 4,494,737, Cl. 266-281.000.
- Pullman, James B.: *See—*
  - Pefley, Richard K.; and Pullman, James B., 4,503,832, Cl. 123-527.000.
- Pullman Standard, Inc.: *See—*
  - Hesch, Harold E.; and Przybylinski, Phillip G., 4,557,647, Cl. 410-58.000.
  - Miller, Roy W., 4,555,033, Cl. 213-51.000.
  - Rousseau, George L., 4,508,037, Cl. 105-290.000.
  - Yates, Donald B., 4,534,453, Cl. 188-52.000.
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  - Jarvinen, Erkki J.; Taskinen, Pekka M.; Pullo, Jarmo J.; Kinnunen, Seppo T.; and Andersson, Arvo E., 4,540,290, Cl. 366-286.000.
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- Pullukat, Thomas J.; and Hoff, Raymond E., to Chemplex Company. Olefin polymerization catalyst and method. 4,544,646, 10-1-85, Cl. 502-109.000.
- Pullukat, Thomas J.: *See—*
  - Lynch, Michael W.; and Pullukat, Thomas J., 4,510,299, Cl. 526-129.000.
- Pulp and Paper Research Institute of Canada: *See—*
  - Green, Harold V.; Fox, Thomas J.; and Scallan, Anthony M., 4,510,020, Cl. 162-169.000.
- Puls, Bernhard; Gruber, Hermann; Leipold, Kurt; Schonberger, Richard; Kizak, Ulrich; and Huttereer, Max, to International Standard Electric Corporation. Loudspeaker. 4,539,442, 9-3-85, Cl. 179-115.5VC.
- Puls, Craig, to Holiday Cups, Inc. Cup making apparatus with lubricating means. 4,536,173, 8-20-85, Cl. 493-149.000.
- Puls, Jurgen: *See—*
  - Sinner, Michael; Dietrichs, Hans-Hermann; Puls, Jurgen; Schweers, Werner; and Brachthauser, Karl-Heinz, 4,520,105, Cl. 435-163.000.
- Puls, Walter: *See—*
  - Heiker, Fred R.; Muller, Lutz; Puls, Walter; and Bischoff, Hilmar, 4,526,784, Cl. 514-25.000.
- Pulsifer, David N.: *See—*
  - MacPherson, David B.; Paris, Jay E.; Foley, Robert W.; Greinier, Martin W.; and Pulsifer, David N., 4,516,281, Cl. 4-319.000.
- Pulsmeier, Harald; and Best, Walter. Apparatus for testing the air-permeability of lengths of textiles. 4,536,971, 8-27-85, Cl. 34-89.000.
- Pulstar Corporation: *See—*
  - Dinh, Khanh, 4,557,252, Cl. 126-420.000.
- Pulverenti, John T.; Hentz, Robert S.; and DiPaola, John J., to General Signal Corporation. Communication system having timer controlled field stations. 4,532,509, 7-30-85, Cl. 340-825.000.
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  - Feyerl, Gunther; Minichshofer, Klaus; and Pum, Hans G., 4,536,927, Cl. 28-110.000.
- PUMA-Sportschuhfabriken Rudolf Dassler KG: *See—*
  - Adam, Gunter, 4,537,399, Cl. 273-75.000.
  - Adam, Gunter, 4,537,400, Cl. 273-75.000.
  - Adam, Gunter, 4,545,584, Cl. 273-73.00J.
  - Cavanagh, Peter R., 4,506,462, Cl. 36-92.000.
  - Dassler, Armin A., 4,507,879, Cl. 36-102.000.
  - Dassler, Armin A., 4,523,396, Cl. 36-134.000.
  - Dassler, Armin A., 4,546,559, Cl. 36-129.000.
- Pumo, Joseph; and Belleville, Marc J. E., to Motorola, Inc. Clocked buffer circuit using a self-bootstrapping transistor. 4,540,898, 9-10-85, Cl. 307-269.000.
- Pump Engineer Associates, Inc.: *See—*
  - McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,527,633, Cl. 166-370.000.
  - McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,546,830, Cl. 166-370.000.
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  - Hesketh, Bernard; and Pumphrey, Nicholas W. J., 4,514,274, Cl. 204-290.00F.
- Punakivi, Tapio, to Rauma-Repola Oy. Gate for barking drum and method of closing. 4,545,503, 10-8-85, Cl. 220-345.000.
- Punater, Dinesh G., to Harris Graphics Corporation. Apparatus and method for encoding positions of web press machines. 4,495,583, 1-22-85, Cl. 364-471.000.
- Punater, Dinesh G.; and Bastian, Donald G., to Harris Graphics Corporation. Apparatus and method for measuring rotational position. 4,514,819, 4-30-85, Cl. 364-556.000.
- Punater, Dinesh G.: *See—*
  - Dessert, Robert A.; Gaspar, Richard A.; Laubach, Richard T.; Punater, Dinesh G.; and Barrera, Ralph E., 4,495,582, Cl. 364-469.000.
- Punch, William E.; and Weekley, Robert E. Device for detection of contact between rotor and stator. 4,539,499, 9-3-85, Cl. 310-214.000.
- Punchak, Kathleen. Ampoule breaker tool. 4,508,250, 4-2-85, Cl. 225-97.000.
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- Pundyk, Bernard, to Glamorise Foundations Inc. Multipanel foundation garment. 4,538,615, 9-3-85, Cl. 128-555.000.
- Pungor, Erno: *See—*
  - Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.
- Punja, Nazim, to Imperial Chemical Industries PLC. Halogenated esters. 4,551,546, 11-5-85, Cl. 560-124.000.
- Punk, Peter: *See—*
  - Prager, Bernhard C.; Punk, Peter; and Thaler, Heinrich, 4,562,253, Cl. 544-19.000.
- Punshon, John: *See—*
  - Thomas, Gerald S.; Punshon, John; and Barr, John A., 4,531,496, Cl. 123-495.000.
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  - Glantschnig, Josef; Gugl, Peter; Puntschart, Ernst; and Zimmer, Johannes P. M., 4,542,692, Cl. 101-123.000.
- Punttila, Antero: *See—*
  - Seppanen, Olli; Punttila, Antero; and Sulku, Jukka, 4,505,259, Cl. 126-429.000.
- Punzar, Marianne; Marti, Franz; Mercier, Robert; Tobler, Paul; and Buttiker, Rudolf, to Ciba-Geigy AG. Process for producing a suspension of cyanuric chloride in water. 4,552,959, 11-12-85, Cl. 544-190.000.
- Puoti, Francesco. Collapsible arm anchor. 4,543,904, 10-1-85, Cl. 114-294.000.
- Pupillo, Andrew: *See—*
  - Cory, John M.; Varney, Edward W.; Babcock, Jon A.; and Pupillo, Andrew, 4,533,114, Cl. 251-67.000.
- Puppolo, Henry F., to Sprague Electric Company. Low inductance wound capacitor. 4,509,100, 4-2-85, Cl. 361-433.000.
- PUR/ACC Corporation: *See—*
  - Lemmons, Joseph J., 4,493,348, Cl. 141-1.000.
- Puratrol, Inc.: *See—*
  - Arvai, Ernest P., 4,544,483, Cl. 210-316.000.
- Purcell, Dennis W.: *See—*
  - Jones, Peter W. J.; Plummer, William T.; and Purcell, Dennis W., 4,498,748, Cl. 354-79.000.
- Purcell, Glenn T., to Masco Corporation of Indiana. Method of manufacturing faucets and spouts, faucet inserts, and faucets and spouts manufactured by the method. 4,513,769, 4-30-85, Cl. 137-315.000.
- Purcell, Jack L.: *See—*
  - Salter, Franklin J.; and Purcell, Jack L., 4,491,422, Cl. 366-343.000.
- Purcell, John R., to GA Technologies Inc. Method and apparatus for protecting superconducting magnetic energy storage systems during rapid energy dissipation. 4,528,609, 7-9-85, Cl. 361-19.000.
- Purcell, Robert F.; and Kayser, Robert B., to Angus Chemical Company. Process for recovering petroleum from a geological formation. 4,522,732, 6-11-85, Cl. 252-8.55D.
- Purcell, Robert F.; and Hallock, Louis L., to Angus Chemical Company. Cetane improver for diesel fuel. 4,549,883, 10-29-85, Cl. 44-57.000.
- Purcell, Robert F.: *See—*
  - Kayser, Robert B.; and Purcell, Robert F., 4,536,300, Cl. 252-8.55D.

Purcell, Robert H.; and Feinstone, Stephen M., to United States of America, Health and Human Services. Inactivation of a lipid virus. 4,511,556, 4-16-85, Cl. 514-743.000.
Purcell, Robert H.: *See*—
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Purcell, Thomas A., to Synthelabo. 2-[4(3)-amino-3-(4)-hydroxyphenylimino]-imidazolines, useful in the treatment of gastric hypersecretion and hyperacidity. 4,492,709, 1-8-85, Cl. 424-273.00R.
Purcell, William O., to Martin Marietta Corporation. Submunition having terminal trajectory correction. 4,492,166, 1-8-85, Cl. 102-384.000.
Purcocks, Dale M. Concealable handle with a slidable pivot. 4,507,820, 4-2-85, Cl. 16-125.000.
Purcupile, John C., to University of Oklahoma, The Board of Regents for the. Apparatus and method for monitoring and controlling a pump system for a well. 4,541,274, 9-17-85, Cl. 73-151.000.
Purdes, Andrew J.; and Bonifield, Thomas D., to Texas Instruments Incorporated. Plasma reactor with reduced chamber wall deposition. 4,513,021, 4-23-85, Cl. 427-38.000.
Purdes, Andrew J., to Texas Instruments Incorporated. Plasma etch chemistry for anisotropic etching of silicon. 4,521,275, 6-4-85, Cl. 156-643.000.
Purdes, Andrew J.: *See*—
Bonifield, Thomas D.; and Purdes, Andrew J., 4,512,283, Cl. 118-723.000.
Purdue Research Foundation: *See*—
Adams, George B., III; and Siegel, Howard J., 4,523,273, Cl. 364-200.000.
Ash, Stephen R.; Wolf, Gordon C.; and Bloch, Richard, 4,498,902, Cl. 604-164.000.
Ash, Stephen R.; and Kaufman, Geraldine M., 4,559,039, Cl. 604-175.000.
Benkeser, Robert A.; Laugal, James A.; and Rappa, Angela, 4,533,752, Cl. 564-428.000.
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Chambers, James V.; Perry, T. Wayne; Lonergan, Dennis A.; and Marks, Jay S., 4,547,386, Cl. 426-583.000.
Chen, Li F.; and Yang, Che-Ming, 4,525,218, Cl. 127-37.000.
Citron, Stephen J.; and Mihelc, William P., 4,532,592, Cl. 364-431.050.
Cook, William A.; Fearnot, Neal E.; and Geddes, Leslie A., 4,543,954, Cl. 128-419.0PG.
Friedlaender, Fritz J.; Takayasu, Makoto; Hwang, Jiann-Yang; and Petrakis, Leon, 4,526,681, Cl. 209-214.000.
Friedlaender, Fritz J.; and Takayasu, Makoto, 4,560,484, Cl. 210-796.000.
Gong, Cheng-Shung, 4,511,656, Cl. 435-161.000.
Janick, Jules; and Kononowicz, Halina M., 4,545,147, Cl. 47-58.000.
Nelson, Philip E.; and Takada, Norihisa, 4,557,799, Cl. 159-44.000.
Pinkerton, Thomas C.; and Hagestam, Helene I., 4,544,485, Cl. 210-502.100.
Regnier, Frederick E.; and Gupta, Shri P., 4,560,704, Cl. 521-31.000.
Sallay, Stephen I., 4,493,898, Cl. 436-64.000.
Tacker, Willis A., Jr.; Bourland, Joe D.; Babbs, Charles F.; and Geddes, Leslie A., 4,548,203, Cl. 128-419.00D.
Purdy, Kenneth R.; Gorton, Charles W.; and Knight, James A., Jr., to Georgia Tech Research Institute. Thermochemical conversion of biomass to syngas via an entrained pyrolysis/gasification process. 4,497,637, 2-5-85, Cl. 48-111.000.
Purdy, Paul J. Manlift. 4,511,015, 4-16-85, Cl. 182-2.000.
Purdy, Richard T.; and Packard, Alden H., to PerfectData Corporation. Cleaning disk with opaque ring. 4,499,516, 2-12-85, Cl. 360-128.000.
Purdy, Ricky A. Deer stand. 4,552,247, 11-12-85, Cl. 182-116.000.
Purdy, Ronald R. Emergency stopping brake system for tractors and trailers. 4,498,560, 2-12-85, Cl. 188-1.110.
Purdy, William C.: *See*—
McClintock, Sam A.; and Purdy, William C., 4,554,064, Cl. 204-411.000.
PureCycle Corporation: *See*—
Blades, Frederick K., 4,523,472, Cl. 73-632.000.
Puresevic, Peter J.; and Taylor, Julian D. Child-proof closure for a container. 4,523,688, 6-18-85, Cl. 215-220.000.
Purex Corporation: *See*—
Boan, William J.; and Coomes, Robert D., 4,501,499, Cl. 366-156.000.
Purex Pool Products, Inc.: *See*—
An, Sangchol, 4,538,789, Cl. 251-129.120.
Gordbegli, Manochehr; and An, Sangchol, 4,501,232, Cl. 122-235.00C.
Mendoza, Joe, 4,556,933, Cl. 362-267.000.
Puri, Rajen, to Standard Oil Company (Indiana). Method of underground conversion of coal. 4,537,252, 8-27-85, Cl. 166-245.000.
Puricelli, Laura, to Magis Farmaceutici s.r.l. Cysteine derivatives, a process for their preparation, and pharmaceutical compositions which contain them. 4,559,360, 12-17-85, Cl. 514-548.000.
Purinton, Robert J., Jr., to Dow Chemical Company, The. Organic gels. 4,537,700, 8-27-85, Cl. 252-315.100.
Purinton, Robert J., Jr., to Dow Chemical Company, The. Aqueous crosslinked gelled pigs for cleaning pipelines. 4,543,131, 9-24-85, Cl. 134-8.000.
Puritan-Bennett Corporation: *See*—
Gagne, Roger A.; and Orchard, Rolf O., 4,509,688, Cl. 239-338.000.
Orchard, Rolf O., 4,511,164, Cl. 285-252.000.
Puritz, Wolfgang, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Two component tool holder, especially for a machine tool or robot. 4,525,918, 7-2-85, Cl. 29-568.000.
Puritz, Wolfgang; and Lengen, Wilhelm, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Automatic riveting machine. 4,548,345, 10-22-85, Cl. 227-58.000.
Purling, Trevor C.: *See*—
Harrison, Derek N.; and Purling, Trevor C., 4,517,846, Cl. 73-861.120.
Purnell, John H.: *See*—
Ballantine, James A.; Purnell, John H.; and Thomas, John M., 4,499,319, Cl. 585-467.000.
Purolator Inc.: *See*—
Pickett, Charles G.; Charney, John G.; and Khasin, Marra, 4,497,706, Cl. 210-130.000.
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Dye, Richard G.; and Robichaud, Arthur W., 4,541,265, Cl. 72-349.000.
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Binder, Berthold; and Purrer, Josef, 4,555,065, Cl. 241-241.000.
Purrmann, Robert: *See*—
Schmitt, Werner; Purrmann, Robert; and Jochum, Peter, 4,493,911, Cl. 523-109.000.
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Purser, Kenneth H., to General Ionex Corporation. Wafer holding apparatus for ion implantation. 4,553,069, 11-12-85, Cl. 315-111.810.
Pursley, David A. Rotator cuff machine. 4,553,747, 11-19-85, Cl. 272-118.000.
Purves, Edward R.; and Thomas, Robert F., to Procter & Gamble Company, The. Lecithin containing cooking fats with reduced thermal discoloration. 4,524,085, 6-18-85, Cl. 426-601.000.
Purves, Edward R., to Procter & Gamble Company, The. Alkali-treated lecithin in fats. 4,528,201, 7-9-85, Cl. 426-262.000.
Purves, Robert B., to Boeing Company, The. Apparatus and method for temperature estimation of overhead conductors. 4,553,092, 11-12-85, Cl. 324-106.000.
Purvis, Dwayne E., to International Business Machines Corporation. System for identifying defective media in magnetic tape storage systems. 4,549,295, 10-22-85, Cl. 371-13.000.
Purvis, James A.: *See*—
Dangerfield, Danny E.; and Purvis, James A., 4,558,783, Cl. 206-472.000.
Purvis, Merton B.: *See*—
DasGupta, Sujan; and Purvis, Merton B., 4,509,098, Cl. 361-398.000.
Purzycki, Alfred Z.: *See*—
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Purzycki, Kenneth L.: *See*—
Chalk, Alan J.; and Purzycki, Kenneth L., 4,515,711, Cl. 252-522.00R.
Dahill, Robert T.; Purzycki, Kenneth L.; and Golle, Erlinda F., 4,519,944, Cl. 252-522.00R.
Pusch, Guenther: *See*—
Helbig, Klaus; and Pusch, Guenther, 4,524,435, Cl. 367-41.000.
Pusch, Gunter; Hoffmann, Alexander; and Aisslinger, Dieter E. Camouflage materials having a wide-band effect and system incorporating same. 4,495,239, 1-22-85, Cl. 428-192.000.
Pusch, Gunter; Hoffmann, Alexander; and Aisslinger, Dieter E., to Pusch, Gunter. Winter camouflage material. 4,560,608, 12-24-85, Cl. 428-196.000.
Puschmann, Johannes. Device for the encapsulation in plaster of models of the jaw for the manufacture of dental prostheses. 4,547,154, 10-15-85, Cl. 433-49.000.
Puschner, Peter. Electronic welding energy source. 4,525,621, 6-25-85, Cl. 219-137.0PS.
Pushev, Georgi I.: *See*—
Marinov, Mihail T.; Petkanchin, Lyubomir T.; Pushev, Georgi I.; Kostov, Georgi T.; Mihovski, Mitko M.; and Manolova, Valentina A., 4,545,252, Cl. 73-633.000.
Pusic, Vladi; George, Benjamin T.; Smith, Monte E.; and Johnson, Craig B., to Sperry Corporation. Cache/disk file status indicator with data protection feature. 4,506,323, 3-19-85, Cl. 364-200.000.
Pusineri, Christian; and Goletto, Jean, to Hospal-Sodip, S.A. Process of coating consisting of a mixture of vinyl chloride polymer and polyurethane with tertiary amine and/or ammonium groups. 4,499,124, 2-12-85, Cl. 427-385.500.
Puskaric, Emile: *See*—
De Jaeger, Roger; Helioui, Moncef; and Puskaric, Emile, 4,544,536, Cl. 423-300.000.
Puskas, Elek, to Para-Flite, Inc. Inflatable airfoil canopy launching method and apparatus. 4,557,439, 12-10-85, Cl. 244-63.000.
Puskas, Imre, to Standard Oil Company (Indiana). Method for manufacture of AMS-1B crystalline borosilicate molecular sieve with low sodium content. 4,514,516, 4-30-85, Cl. 502-202.000.
Puskas, Imre; and Schmitt, Marshall, to Standard Oil Company (Indiana). Process for the manufacture of 1,4-bis[2-(4′-carbomethoxystyrenyl)] benzene. 4,537,985, 8-27-85, Cl. 560-96.000.
Puskin, Pavel: *See*—
Bajtala, Ladislav; and Puskin, Pavel, 4,556,154, Cl. 221-147.000.
Pustek, Frank J.: *See*—
Samuel, Raj K.; Kozlowski, Ronald J.; and Pustek, Frank J., 4,549,909, Cl. 127-33.000.

Pustell, Robert A., to General Electric Company. Anti-vibration support for thermocouple tip. 4,499,330, 2-12-85, Cl. 136-230.000.

Puszakowski, Stanley. Vibration damper and method of making the same. 4,556,130, 12-3-85, Cl. 188-218.00A.

Putenat, Mandred: *See—*
    Brinkmann, Egon; Putenat, Mandred; and Dorre, Erhard, 4,518,357, Cl. 433-173.000.

Puthawala, Anwer: *See—*
    Kuhnke, Klaus; Bege, Dietmar; Puthawala, Anwer; and Wittrowsky, Gunter, 4,500,449, Cl. 252-628.000.

Putkowski, Ladislao W. Press with wedge. 4,535,689, 8-20-85, Cl. 100-214.000.

Putman, Richard E., to Westinghouse Electric Corp. Industrial process control apparatus and method. 4,500,950, 2-19-85, Cl. 364-138.000.

Putman, Thomas H., to Westinghouse Electric Corp. Method and apparatus for selective cancellation of subsynchronous resonance. 4,513,240, 4-23-85, Cl. 323-210.000.

Putnam, David. Food storage container. 4,537,044, 8-27-85, Cl. 62-371.000.

Putnam, Duane, to Control Data Corporation. One piece flatpack chip carrier. 4,556,145, 12-3-85, Cl. 206-329.000.

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    Bartels-Keith, James R.; and Puttick, Anthony J., 4,526,965, Cl. 544-311.000.

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    Kuhnel, Werner; Putz, Peter; Simm, Manfred; and Spielau, Paul, 4,511,619, Cl. 428-215.000.

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    Resneau, Jean C.; Puyhaubert, Jean; Da Silva, Evelyne; and Lamontagne, Claude, 4,510,470, Cl. 333-142.000.

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    Adams, Charles L., 4,545,329, Cl. 122-17.000.

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    Stone, Albert; Pyde, Edwin; and Carveth, Peter, 4,496,046, Cl. 206-219.000.
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    Wright, Basil M.; and Haire, Christopher A. R., 4,559,953, Cl. 128-680.000.

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    Guzowski, Raymond J., 4,516,700, Cl. 222-330.000.

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Pylon Electronic Development Co., Ltd.: *See—*
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    Hait, Paul W.; and Rohrer, Dan, 4,531,505, Cl. 126-9.00R.
    Hait, Paul W., 4,539,973, Cl. 126-43.000.
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Pyrox Limited: *See—*
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    Takano, Motoharu; Sugimura, Masaru; Kushima, Keiichi; and Ezaki, Atae, 4,547,343, Cl. 422-304.000.
    Takao, Masayasu, 4,554,107, Cl. 260-421.000.
    Ueda, Tsunesuke, 4,507,327, Cl. 426-276.000.

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QO Chemicals, Inc.: *See—*
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  Krawiec, Robert; and Menting, James E., 4,543,373, Cl. 523-144.000.
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  Bruder, John F., 4,559,616, Cl. 365-28.000.
Quagliato, Dominick A.: *See—*
  Anderson, Wayne K.; and Quagliato, Dominick A., 4,550,187, Cl. 556-137.000.
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  Jacobson, Wayne M.; and Quaintance, Roger L., 4,552,489, Cl. 406-39.000.
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  Bansal, Arun K., 4,524,081, Cl. 426-249.000.
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  Godsey, H. Dean; Schoen, Donald F.; and Turek, Joseph F., 4,519,713, Cl. 366-79.000.
  Gould, Max R.; Bone, David P.; and Hsieh, Fu H., 4,497,840, Cl. 426-560.000.
  Insley, Gene L.; Seaburg, Duane M.; and Pearce, Daniel S., 4,493,069, Cl. 369-75.100.
  Priegnitz, Ronald D., 4,540,585, Cl. 426-28.000.
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Qualeatti, Gail M., to UOP Inc. Selective reduction of edible fats and oils using phosphorus-modified nickel catalysts. 4,547,319, 10-15-85, Cl. 260-409.000.
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Quality Services Incorporated: *See—*
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Quame, Babington A. Method for obtaining useful products from green pseudostem, including papermaking pulp plantain. 4,547,263, 10-15-85, Cl. 162-14.000.
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Quan, Peter M.: *See—*
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  Taylor, Richard J.; Kellar, Paul R. N.; and Greenhalgh, Stephen P., 4,543,607, Cl. 358-140.000.
  Walker, Ian C., 4,514,818, Cl. 364-521.000.
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  Wells, John L., 4,542,694, Cl. 102-229.000.
Quantock Veal Limited: *See—*
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  Daly, Richard T.; Rhoades, Walter; Stone, Harvey; and Kaplan, Robert A., 4,507,789, Cl. 372-92.000.
  Daly, Richard T.; and Cohen, Martin G., 4,509,175, Cl. 372-101.000.
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  Moon, Ronald R., 4,538,099, Cl. 318-678.000.
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Quarfoot, Alan, to Kendall Company, The. Treatment of skin lesions. 4,539,200, 9-3-85, Cl. 424-81.000.
Quarles, James H. Ice making machine with reverse direction hot gas thawing and pressurized gas discharge. 4,510,761, 4-16-85, Cl. 62-73.000.
Quarrell, Richard; and Ranson, Paul A., to General Mills Products Corp. Jewelry container. 4,552,264, 11-12-85, Cl. 206-45.140.
Quarroz, Daniel, to Lonza Ltd. Procedure for producing 2-aminopyridines from 2-pyridine carboxylic acid-N-oxides. 4,496,733, 1-29-85, Cl. 546-310.000.
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Quartino, Miguel A., to Hoyt/Easton Archery Co. Bow with vertically and horizontally adjustable arrow support. 4,542,731, 9-24-85, Cl. 124-24.00R.
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  Wollmann, Andrew F., 4,526,534, Cl. 432-11.000.
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  Ward, Roger W., 4,526,480, Cl. 374-117.000.
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- Quayle, Stanley F.; and Schlosser, Philip A., to Scriptel Corporation. Electrographic system. 4,523,654, 6-18-85, Cl. 178-19.000.
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- Queen Anne Candy Company: *See—*
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- Queen, Carl J. Bathing cabinet with transporter cart. 4,523,341, 6-18-85, Cl. 4-555.000.
- Queener, Carl A.: *See—*
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- Queen's University at Kingston: *See—*
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  - Mouftah, Hussein T., 4,509,164, Cl. 370-29.000.
  - Wolfe, Saul; Westlake, Donald; and Jensen, Susan, 4,510,246, Cl. 435-183.000.
  - Wolfe, Saul; and Shaw, Chia-Cheng, 4,514,333, Cl. 260-239.00A.
  - Wolfe, Saul; Westlake, Donald; and Jensen, Susan, 4,536,476, Cl. 435-183.000.
- Queensland Phosphate Limited: *See—*
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- Queille, Philippe: *See—*
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- Quella, Ferdinand; and Steinwender, Bernd, to Siemens Aktiengesellschaft. Method of using a foamable hot-melt adhesive for sealing. 4,555,284, 11-26-85, Cl. 156-79.000.
- Quellais, Jacques: *See—*
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- Quenemoen, Robert D.: *See—*
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- Quenzi, Phil, to Northern Industrial Sales & Service, Inc. Compact loader-trammer. 4,505,632, 3-19-85, Cl. 414-510.000.
- Quercy, Alexandre, to Societe Anonyme des Usines Chausson. Transformable seat. 4,494,792, 1-22-85, Cl. 297-63.000.
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  - Query, Grady W.; Query, O. Grady; and Kessler, H. Fred, 4,534,128, Cl. 43-132.100.
- Quest Automation Public Limited Company: *See—*
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- Quest Corporation: *See—*
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- Quest Medical, Inc.: *See—*
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  - Robinson, Thomas P.; Killman, Don M.; Mattson, Andrew P.; and Hudson, James E., Jr., 4,559,044, Cl. 604-246.000.
  - Smith, Gordon E., 4,493,709, Cl. 604-246.000.
- Quest Product Development, Ltd.: *See—*
  - Mitchell, Terry L., 4,558,797, Cl. 220-84.000.
- Quest, Thomas A. Adapter for receiving multi-hooks brackets of various model-designs. 4,498,653, 2-12-85, Cl. 248-225.200.
- Quest, Thomas A. Orthopaedic apparatus. 4,520,803, 6-4-85, Cl. 128-80.00A.
- Questel, John M.; and Madonia, Ralph J., to Carprotec, Inc. Temporary strippable protective laminate. 4,499,130, 2-12-85, Cl. 428-42.000.
- Questo, Warren O., to Sound Products Company L.P. Method and apparatus for switching multi-element transducer arrays. 4,505,156, 3-19-85, Cl. 73-626.000.
- Queststar: *See—*
  - Pitre, John H., 4,531,727, Cl. 272-117.000.
- Quets, Jean M.: *See—*
  - Jackson, John E.; Adler, Thomas A.; Quets, Jean M.; and Tucker, Robert C., Jr., 4,519,840, Cl. 106-1.050.
- Queveau, Gerard. Retractable closure particularly sliding roof apparatus for a motor vehicle. 4,498,701, 2-12-85, Cl. 296-216.000.
- Queveau, Gerard. Articulated vehicle drive and control system. 4,518,053, 5-21-85, Cl. 180-14.200.
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  - Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,518,811, Cl. 568-943.000.
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  - Kraus, Robert G.; and Quick, James R., 4,534,886, Cl. 252-502.000.
- Quick, Leonard M.: *See—*
  - Hensley, Albert L., Jr.; and Quick, Leonard M., 4,493,761, Cl. 208-10.000.
  - Hensley, Albert L., Jr.; and Quick, Leonard M., 4,495,062, Cl. 208-111.000.
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- Quick, Nathaniel R. Apparatus and method for processing wire strand cable for use in prestressed concrete structures. 4,529,566, 7-16-85, Cl. 264-228.000.
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- Quick, Rolf: *See—*
  - Andersson, Karl-Hugo; Karlsson, Ingemar; and Quick, Rolf, 4,505,053, Cl. 34-155.000.
- Quick-Rotan Elektromotoren GmbH: *See—*
  - Angersbach, Wolfgang; and Meier, Karl-Heinz, 4,507,596, Cl. 318-640.000.
- Quick, Roy F., Jr.: *See—*
  - Bass, Leland J.; Quick, Roy F., Jr.; Shah, Ashwin V.; and Wickwire, Ralph O., 4,542,376, Cl. 340-724.000.
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- Quick, Terrence R.; Miranti, Joseph P., Jr.; and Foster, Randy C., to Dayco Corporation. Pulley construction and method of making the same. 4,496,335, 1-29-85, Cl. 474-15.000.
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  - Strahs, Martin P.; and Vosbikian, John, 4,524,938, Cl. 248-110.000.
  - Strahs, Martin P., 4,550,829, Cl. 206-361.000.
- Quicksteel Engineering Pty. Ltd.: *See—*
  - Quittner, John P., 4,498,803, Cl. 404-6.000.
  - Quittner, John P., 4,500,225, Cl. 404-6.000.
- Quidel: *See—*
  - Katz, David H.; Cooper, Steven W.; Lee, Theodore T.; and Chang, Shung-Ho, 4,496,654, Cl. 435-7.000.
- Quietlite International Ltd.: *See—*
  - Elliott, William J., 4,562,382, Cl. 315-219.000.
- Quigley, Herbert J.: *See—*
  - Malette, William G.; and Quigley, Herbert J., 4,532,134, Cl. 514-55.000.
- Quigley, M. Scott; and Russell, Gordon A., to Mobil Oil Corporation. Controlled heater for drilling mud testing system. 4,510,801, 4-16-85, Cl. 73-153.000.
- Quigley, M. Scott: *See—*
  - Prior, Maurice; and Quigley, M. Scott, 4,501,143, Cl. 73-153.000.
- Quigley, Vincent P.: *See—*
  - Shyu, Wen B.; Woodhead, David A.; and Quigley, Vincent P., 4,552,921, Cl. 525-96.000.
- Quignard, Alain: *See—*
  - Billon, Alain; Peries, Jean-Pierre; and Quignard, Alain, 4,533,462, Cl. 208-88.000.
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- Quignard, Francoise: *See—*
  - Basset, Jean M. M.; Leconte, Michel; Ollivier, Jean; and Quignard, Francoise, 4,550,216, Cl. 585-645.000.
- Quikduc of California, Inc.: *See—*
  - Daw, David E.; and Vlastnik, Arthur F., 4,558,892, Cl. 285-331.000.
- Quill, Gary J.: *See—*
  - Egan, Michael J.; and Quill, Gary J., 4,538,331, Cl. 29-156.80R.
- Quill Licensing: *See—*
  - Crimmins, Arthur G., Jr., 4,516,939, Cl. 434-114.000.
- Quillaud, Gerard: *See—*
  - Dejaifve, Pierre E.; and Quillaud, Gerard, 4,524,058, Cl. 423-656.000.
- Quillec, Maurice: *See—*
  - Benchimol, Jean-Louis; and Quillec, Maurice, 4,532,001, Cl. 156-622.000.
- Quillet, Jean-Pierre: *See—*
  - Ricouard, Jacques; and Quillet, Jean-Pierre, 4,499,745, Cl. 70-285.000.
- Quimby, Bruce D., to Hewlett-Packard Company. Solvent dumping apparatus. 4,517,824, 5-21-85, Cl. 73-23.000.
- Quin, Dorothy L., administratrix: *See—*
  - Quin, Murray L., deceased, 4,500,796, Cl. 307-147.000.
- Quin, Mary P., to Raychem Corporation. Nickel/titanium/vanadium shape memory alloy. 4,505,767, 3-19-85, Cl. 148-402.000.
- Quin, Murray L., deceased (by Quin, Dorothy L., administratrix), to Emerson Electric Co. System and method of electrically interconnecting multiple lighting fixtures. 4,500,796, 2-19-85, Cl. 307-147.000.
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- Quin, Rene A.; Wiet, Paul; and Migliarese-Caputi, Jean-Louis, to Compagnie Francaise des Petroles. Automatic hydraulic connectors. 4,506,863, 3-26-85, Cl. 251-149.900.
- Quin, Terrence T.: *See—*
  - Costello, Peter E.; Fossett, Lawrence D.; Lane, Michael S.; Quin, Terrence T.; and Smith, Nicholas K., 4,510,351, Cl. 179-27.00D.
- Quinby, Thomas C., to United States of America, Energy. Method for production of ceramic oxide and carbide bodies by polymer inclusion and decomposition. 4,537,818, 8-27-85, Cl. 428-262.000.
- Quinica Organica de Mexico, S.A.: *See—*
  - Rubio, Valentin de A., 4,497,646, Cl. 71-3.000.
- Quinlan, James M., to American Cyanamid Company. Anthelmintic gel composition and a method for their preparation at ambient temperatures. 4,543,358, 9-24-85, Cl. 514-368.000.
- Quinlan, Kenneth P.; and Erstfeld, Thomas E., to United States of America, Air Force. Process for the epitaxial deposition of III-V compounds utilizing a binary alloy as the metallic source. 4,504,329, 3-12-85, Cl. 148-175.000.
- Quinlan, Patrick M., to Petrolite Corporation. Quaternary ammonium salts of α-1,4-thiazine alkanephosphonic acids. 4,494,977, 1-22-85, Cl. 71-67.000.
- Quinlan, Patrick M., to Petrolite Corporation. Halide free corrosion inhibitors. 4,514,320, 4-30-85, Cl. 252-392.000.
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- Quinlan, Patrick M., to Petrolite Corporation. Halide free corrosion inhibitors. 4,525,296, 6-25-85, Cl. 252-391.000.
- Quinlan, Patrick M., to Petrolite Corporation. Mixtures of non-halogen salts of nitrogen heterocyclics and nitrogen-sulfur heterocyclics. 4,539,140, 9-3-85, Cl. 252-391.000.
- Quinlan, Patrick M., to Petrolite Corporation. Halide free octahydrophenanthridine corrosion inhibitors. 4,559,163, 12-17-85, Cl. 252-392.000.
- Quinlan, William P.: *See—*
  - Dix, Gary L.; Heim, Lloyd S.; Herald, Robert F.; and Quinlan, William P., 4,521,884, Cl. 371-15.000.
- Quinn, Anthony W.; McKee, Donald S.; and Rader, Richard B., to Scott & Fetzer Company, The. Retractable awning with improved set-up capability. 4,530,389, 7-23-85, Cl. 160-46.000.
- Quinn, Chester P.: *See—*
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- Quinn, David G.; Edwards, Robert B., II; and Andersen, Erik, to Viridian, Inc. Enteric feeding bag. 4,529,102, 7-16-85, Cl. 222-94.000.
- Quinn, Harold F. Apparatus for supporting a pipe and pipe snapping tool. 4,535,924, 8-20-85, Cl. 225-104.000.
- Quinn, James P.: *See—*
  - Armstead, Brian H.; and Quinn, James P., 4,515,821, Cl. 426-330.400.
- Quinn, Jeffrey J.: *See—*
  - Jenkins, Robert D., 4,516,341, Cl. 40-152.000.
- Quinn, John A.; and O'Neil, James W., to Du Pont de Nemours, E. I., and Company. Enlargement of photopolymer images in photopolymer mask. 4,518,666, 5-21-85, Cl. 430-7.000.
- Quinn, Maxie E.: *See—*
  - Lane, Thomas A.; Rosen, Murray; and Quinn, Maxie E., 4,497,852, Cl. 427-287.000.
- Quinn, Robert M.: *See—*
  - Bakeman, Paul E., Jr.; and Quinn, Robert M., 4,506,436, Cl. 29-577.00C.
- Quinn, Ross A.: *See—*
  - Luce, Robert S.; and Quinn, Ross A., 4,506,226, Cl. 324-459.000.
  - Luce, Robert S.; Quinn, Ross A.; and Rowley, Leroy S., 4,519,710, Cl. 356-411.000.
- Quinones, Matthew M.: *See—*
  - Mirow, Fred A.; and Quinones, Matthew M., 4,514,820, Cl. 364-858.000.
- Quinones, Richard J.: *See—*
  - Vezirian, Edward; Quinones, Richard J.; and Lockstedt, Alan W., 4,499,642, Cl. 29-149.50R.
- Quinot, Martin: *See—*
  - Echtler, Theodor; Quinot, Martin; and Hunsinger, Werner, 4,493,122, Cl. 14-2.400.
- Quintavalle, Saverio; and Gargani, Luciano, to AGIP Petroli S.p.A.; and Industria Italiana Petroli S.p.A. Process for the production of expanded reticulated polyethylene. 4,559,190, 12-17-85, Cl. 264-45.300.
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  - Lax, Ronald G.; Johnson, Robert G.; Henningsen, Charles G.; and Ellis, J. Scott, 4,514,029, Cl. 339-143.00R.
- Quintin, Philip G.: *See—*
  - Cook, Brian A.; and Quintin, Philip G., 4,521,839, Cl. 362-238.000.
- Quinton, Edward F.: *See—*
  - Allen, Ralph; Moore, David A.; and Quinton, Edward F., 4,497,201, Cl. 73-119.00A.
- Quinton Instrument Company: *See—*
  - Sommercorn, Richard K.; and Quinton, Wayne E., 4,543,087, Cl. 604-43.000.
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  - Sommercorn, Richard K.; and Quinton, Wayne E., 4,543,087, Cl. 604-43.000.
- Quiogue, Honesto D., to Harvey Hubbell Incorporated. Heat dissipator for plastic luminaire. 4,507,719, 3-26-85, Cl. 362-404.000.
- Quiogue, Honesto D., to Harvey Hubbell Incorporated. Adjustable luminaire support knuckle. 4,543,007, 9-24-85, Cl. 403-97.000.
- Quiogue, Honesto D., to Harvey Hubbell Incorporated. Adjustable luminaire. 4,547,841, 10-15-85, Cl. 362-269.000.
- Quiogue, Honesto D.; and Lewin, Ian, to Harvey Hubbell Incorporated. Wall mounted luminaire. 4,559,587, 12-17-85, Cl. 362-147.000.
- Quipp, Incorporated: *See—*
  - Sjogren, Christer A.; McRae, John; and Reyes, Carlos, 4,562,339, Cl. 235-98.00R.
- Quirin, Karl-Werner: *See—*
  - Stahl, Egon; and Quirin, Karl-Werner, 4,548,755, Cl. 260-412.800.
- Quirin, Michel: *See—*
  - Aron, Jerome; and Quirin, Michel, 4,519,194, Cl. 56-370.000.
- Quirk, Jennifer M.; and Turner, Scot, to Union Carbide Corporation. Process for the preparation of aminopropylalkoxysilanes. 4,556,722, 12-3-85, Cl. 556-413.000.
- Quirk, Jennifer M.: *See—*
  - Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Hopper, Steven P., 4,556,725, Cl. 556-442.000.
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- Quis, Peter; Siol, Werner; Buechse, Joachim; and Rauch, Hubert, to Rohm GmbH. Plastisol comprising a copolymer of methyl methacrylate and itaconic or its anhydride. 4,558,084, 12-10-85, Cl. 524-294.000.
- Quist, Bernardus B.: *See—*
  - Bukkems, Franciscus H. J.; and Quist, Bernardus B., 4,497,605, Cl. 414-218.000.
- Quist, Eric, to Branson Ultrasonics Corporation. Automatic tuning circuit for use in an ultrasonic apparatus. 4,551,690, 11-5-85, Cl. 331-36.00L.
- Quist, Frederick F., Jr.; and Steinbrecher, Marc L., to International Business Machines Corporation. Disk drive head accessing mechanism. 4,556,924, 12-3-85, Cl. 360-106.000.
- Quist, Gregory M.: *See—*
  - Wyatt, Philip J.; and Quist, Gregory M., 4,548,500, Cl. 356-336.000.
- Quittkat, Wolfram; Reuter, Gerhard; and Schmidt, Rudiger, to BKMI Industrieanlagen GmbH. Method of calcining minerals containing heat-value components. 4,496,313, 1-29-85, Cl. 432-14.000.
- Quittner, John P., to Quicksteel Engineering Pty. Ltd. Moveable lane barrier locking system. 4,498,803, 2-12-85, Cl. 404-6.000.
- Quittner, John P., to Quicksteel Engineering Pty. Ltd. Transferable roadway lane divider. 4,500,225, 2-19-85, Cl. 404-6.000.
- Quixote Corporation: *See—*
  - Rester, Marshall D., 4,509,162, Cl. 369-275.000.
- Qullmalz, Wolfram: *See—*
  - Huber, Guntram; Moller, Hermann; Faust, Eberhard; Andres, Rudolf; and Qullmalz, Wolfram, 4,552,402, Cl. 297-284.000.
- Qume Corporation: *See—*
  - Jamieson, John W.; Lee, Sen L.; and Moon, Suhdok D., 4,502,800, Cl. 400-144.200.
  - Robinson, Joseph B., 4,536,867, Cl. 369-282.000.
- Quon, Joe S., to Multi-Tex Products Corp. Product having combined phosphorescent-reflective appearance and method. 4,546,042, 10-8-85, Cl. 428-378.000.
- Quong, Paul. Shipping-and-storage container for produce. 4,529,088, 7-16-85, Cl. 206-509.000.
- Qureshi, Shahid: *See—*
  - Lang, Gordon R.; Forney, George D., Jr.; Qureshi, Shahid; Longstaff, Fred M.; and Lee, Chi H., 4,538,284, Cl. 375-39.000.
- Qurnell, Frank D.: *See—*
  - Curulla, Michael V.; Price, John F.; Matzner, Bruce; Brayman, Kenneth W.; and Qurnell, Frank D., 4,544,522, Cl. 376-441.000.
- R. A. Couche & Associates Pty. Ltd.: *See—*
  - Couche, Raymond A., 4,561,980, Cl. 210-486.000.
- R. A. Jones & Co. Inc.: *See—*
  - Aultz, Thomas R.; Hughes, Charles C.; and Humbert, Stanley F., 4,498,567, Cl. 192-133.000.
  - Greenwell, Joseph D., 4,518,301, Cl. 414-129.000.
  - Hughes, Charles C., 4,511,134, Cl. 271-113.000.
  - Hughes, Charles C., 4,514,181, Cl. 493-131.000.
  - Hughes, Charles C., 4,526,564, Cl. 493-183.000.
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  - Mattei, Jean P.; and Coutin, Pierre F., 4,530,147, Cl. 29-525.000.
  - Mattei, Jean-Pierre; and Coutin, Pierre F., 4,491,292, Cl. 248-1.000.
- R. B. Industries, Inc.: *See—*
  - Rice, Verle L., 4,492,354, Cl. 248-163.100.
- R&C Chiu International, Inc.: *See—*
  - Chiu, Robert C., 4,492,826, Cl. 179-115.5PS.
- R & D Associates: *See—*
  - Latter, Richard, 4,523,748, Cl. 266-249.000.
  - Payne, Fred A., 4,523,100, Cl. 250-561.000.
- R. D. Werner Co., Inc.: *See—*
  - Bayer, Thomas E., 4,561,165, Cl. 29-522.00R.
- R.E.O.S.C. (Recherches et Etudes d'Optique et de Sciences Connexes): *See—*
  - Paseri, Jacques, 4,533,100, Cl. 244-158.00R.
- R. E. Phelon Company, Incorporated: *See—*
  - Burson, Bob O., 4,531,500, Cl. 123-630.000.
  - Piteo, Michael J., 4,491,122, Cl. 123-631.000.
- R. Englehardt Nominees Pty. Ltd.: *See—*
  - Engelhardt, David R., 4,531,947, Cl. 8-495.000.
- R F Monolithics, Inc.: *See—*
  - Hartmann, Clinton S., 4,491,757, Cl. 310-313.00B.
  - Hartmann, Clinton S., 4,491,758, Cl. 310-313.00C.
- R & G Sloane Mfg. Co., Inc.: *See—*
  - Blumenkranz, James J., 4,508,368, Cl. 285-21.000.

- R. H. Burton Company: *See—*
  - Thurston, Marlin O., 4,523,822, Cl. 351-234.000.
- R&H Technology, Inc.: *See—*
  - Heine, Otto R., 4,493,222, Cl. 74-216.300.
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- R. J. LeVesque Manufacturing Co.: *See—*
  - Nowak, David J.; and Zupfer, David F., 4,525,006, Cl. 294-19.100.
- R. J. Reynolds Tobacco Company: *See—*
  - Clark, Douglas C., 4,502,587, Cl. 198-347.000.
  - Conrad, Lucas J., 4,507,876, Cl. 34-242.000.
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  - Guess, Hal E., 4,561,454, Cl. 131-365.000.
  - Hester, Benny L.; and Fleming, William F., III, 4,495,796, Cl. 73-38.000.
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  - Holt, Dewey L., 4,551,897, Cl. 29-235.000.
  - Lortie, Richard P.; and Adams, William R., 4,540,118, Cl. 236-44.00C.
  - Niven, Benjamin F., Jr., 4,522,096, Cl. 83-408.000.
  - Pinkham, Jesse R., 4,516,585, Cl. 131-84.300.
  - Pryor, James W., 4,509,452, Cl. 118-234.000.
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  - White, Jackie L.; and Conrad, Lucas J., 4,531,529, Cl. 131-291.000.
  - White, Jackie L., 4,534,371, Cl. 131-359.000.
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  - Wilkinson, Donald R., 4,539,795, Cl. 53-542.000.
- R L Associates: *See—*
  - Riskin, Bernard N., 4,555,618, Cl. 235-384.000.
- R. P. Cargille Laboratories, Inc.: *See—*
  - Sacher, Robert L.; and Sacher, William J., 4,491,533, Cl. 252-301.160.
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- R. P. Scherer Corporation: *See—*
  - Bateman, Neil E.; and Woods, Ross A., 4,546,197, Cl. 560-66.000.
  - Ebert, William R.; Hom, Foo S.; and Kindt, Warren W., 4,532,126, Cl. 424-48.000.
- R.Q.O. Holding Company: *See—*
  - Feitzinger, Eduard; and Seminski, Robert B., 4,512,654, Cl. 355-27.000.
- R. R. Donnelley & Sons Company: *See—*
  - Majewski, Anthony; and Mayer, Theodore W., 4,546,961, Cl. 270-53.000.
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  - Wong, Did-Bun, 4,500,083, Cl. 270-54.000.
- R. S. Hughes Ind. Inc.: *See—*
  - Hughes, Robert S., 4,555,138, Cl. 297-346.000.
- R. T. Vanderbilt Company, Inc.: *See—*
  - Hoffman, David M.; Feher, John J.; and Farmer, Homer H., 4,517,103, Cl. 252-28.000.
- R. W. Beckett Corporation: *See—*
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- R W M-Raster-Werkzeugmaschinen GmbH: *See—*
  - Rotzler, Frank, 4,552,294, Cl. 226-142.000.
- R.W. Packaging, Ltd.: *See—*
  - Gibson, William K., 4,544,437, Cl. 156-584.000.
- Ra-Shipping Ltd. Oy: *See—*
  - Sippola, Pertti J., 4,526,127, Cl. 118-54.000.
- Raab, Andrew F.; and Cobb, Albert R., III, to Indak Manufacturing Corp. Slide action switch. 4,539,446, 9-3-85, Cl. 200-16.00R.
- Raab, Andrew F.; and Cobb, Albert R., III, to Indak Manufacturing Corp. Slide action electrical switches. 4,556,764, 12-3-85, Cl. 200-16.00C.
- Raab, Clifford G. Champagne bottle opener. 4,519,277, 5-28-85, Cl. 81-3.550.
- Raab, Guenter: *See—*
  - Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,510,068, Cl. 252-186.290.
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- Raab, Herman P., to Consolidated Investments and Development Corp. Multiplex system for monitoring engine status. 4,503,431, 3-5-85, Cl. 340-870.130.
- Raab, Herman P. Function generator with means for selectively changing the discharge time constant. 4,506,177, 3-19-85, Cl. 307-602.000.
- Raab, Norbert: *See—*
  - Muser, Dieter; Raab, Norbert; and Deger, Johann, 4,556,529, Cl. 264-258.000.
- Raab, Simon: *See—*
  - Fraser, Gregory A.; and Raab, Simon, 4,549,555, Cl. 128-782.000.
- Raabe, Thomas; Bohn, Helmut; Martorana, Piero A.; and Nitz, Rolf-Eberhard, to Cassella Aktiengesellschaft. N-phenoxypropanol-N′-pyridazinyl ethylenediamines as β-receptor blockers. 4,532,239, 7-30-85, Cl. 514-247.000.
- Raaf, Helmut, to Blendax-Werke R. Schneider GmbH & Co. Tooth and mouth care agent. 4,525,343, 6-25-85, Cl. 424-54.000.
- Raaf, Helmut, to Blendax-Werke R. Schneider GmbH & Co. Tooth and mouth care agent. 4,559,224, 12-17-85, Cl. 424-54.000.
- Raahauge, Benny E., to F. L. Smidth & Co. Method for producing anhydrous alumina. 4,529,579, 7-16-85, Cl. 423-625.000.
- Raamot, Jaan, to AT&T Information Systems Inc. Time slot interchanger. 4,545,053, 10-1-85, Cl. 370-68.000.
- Raap, Teresa A.: *See—*
  - Brander, Rita W.; and Raap, Teresa A., 4,495,205, Cl. 426-104.000.
  - Brander, Rita W.; Raap, Teresa A.; and Gessler, Joseph F., 4,556,569, Cl. 426-104.000.
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- Raasch, Hans; and Wassenhoven, Heinz-Georg, to W. Schlafhorst & Co. Method and device for increasing the hairiness and the bulkiness of a thread. 4,516,397, 5-14-85, Cl. 57-417.000.
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- Raasch, Hans; and Grecksch, Hans, to W. Schlafhorst & Co. Spool transporting device. 4,555,215, 11-26-85, Cl. 414-564.000.
- Raasch, Hans: *See—*
  - Baltsch, Erwin; Gobbels, Heinz-Dieter; Grecksch, Hans; Lassmann, Manfred; Raasch, Hans; and Schlosser, Helmut, 4,538,408, Cl. 57-263.000.
  - Stahlecker, Fritz; and Raasch, Hans, 4,516,396, Cl. 57-407.000.
- Raasoch, Paul. Exercise device. 4,546,971, 10-15-85, Cl. 272-118.000.
- Raatz, Francis: *See—*
  - Dufresne, Pierre; Freund, Edouard; Marcilly, Christian; and Raatz, Francis, 4,501,656, Cl. 208-111.000.
- Rab Tec Products Corp.: *See—*
  - Hwang, Chong S.; and Lampert, Barry, 4,496,320, Cl. 433-60.000.
- Raba, Carl F., Jr.; Smith, Robert L.; and Huang, Francis Y., to Monier Resources, Inc. Process for the treatment of clay slimes. 4,498,993, 2-12-85, Cl. 210-710.000.
- Rabatin, Jacob G., to General Electric Company. X-ray image converter devices utilizing rare earth oxyhalide phosphors. 4,498,008, 2-5-85, Cl. 250-486.100.
- Rabatin, Jacob G., to General Electric Company. Process for the preparation of rare earth oxyhalide phosphor. 4,532,070, 7-30-85, Cl. 252-301.40H.
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- Rabatin, Jacob G.: *See—*
  - Brines, Marjorie J.; and Rabatin, Jacob G., 4,499,159, Cl. 428-691.000.
- Rabatin, Robert U. Sound suppressor attaching device for guns. 4,510,843, 4-16-85, Cl. 89-14.400.
- Rabe, James A.: *See—*
  - Bauman, Therese M.; Lee, Chi-Long; and Rabe, James A., 4,559,369, Cl. 521-98.000.
  - Lee, Chi-Long; and Rabe, James A., 4,518,716, Cl. 521-82.000.
  - Lee, Chi-Long; and Rabe, James A., 4,544,681, Cl. 521-134.000.
  - Lee, Chi-Long; and Rabe, James A., 4,547,529, Cl. 521-122.000.
  - Lee, Chi-Long; Maxson, Myron T.; and Rabe, James A., 4,550,125, Cl. 521-117.000.
  - Lee, Chi-Long; Maxson, Myron T.; and Rabe, James A., 4,555,529, Cl. 521-124.000.
- Rabe, Robert L.; and Swan, Paul J., to Honeywell Inc. Logic families interface circuit and having a CMOS latch for controlling hysteresis. 4,558,237, 12-10-85, Cl. 307-475.000.
- Rabenau, Albrecht: *See—*
  - Bell, Michael; Kreuer, Klaus-Dieter; Rabenau, Albrecht; and Weppner, Werner, 4,495,078, Cl. 252-62.200.
  - Kreuer, Klaus-Dieter; Weppner, Werner; and Rabenau, Albrecht, 4,513,069, Cl. 429-192.000.
- Rabenau, Richard; and Ryder, Jeffery A., to Ryder International Corporation; and National Patent Development Corporation. Lens tinting fixture and system utilizing said fixture. 4,518,390, 5-21-85, Cl. 8-507.000.
- Rabenau, Richard: *See—*
  - Ryder, Francis E.; and Rabenau, Richard, 4,543,882, Cl. 101-35.000.
- Rabenecker, Horst: *See—*
  - Eckstein, Wolfgang; Leichnitz, Kurt; Pannwitz, Karl-Heinz; Rabenecker, Horst; and Wolff, Gunter, 4,528,160, Cl. 422-86.000.
- Rabetsky, Mikhail I.: *See—*
  - Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.

Rabewerk Heinrich Clausing: *See—*
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Rabindran, K. George: *See—*
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Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., to Gosudarstvenny Nauchno-Issledovatelsky Institut Teploenergeticheskogo Priborostroenia. Device for conversion of non-electrical quantity into electrical signal. 4,535,283, 8-13-85, Cl. 323-365.000
Rabinow, Jacob. Electrically settable escort memory. 4,531,061, 7-23-85, Cl. 250-566.000.
Rabinowitz, Jonathan. Lap counter. 4,530,105, 7-16-85, Cl. 377-12.000.
Rabinowitz, Lewis, to Arnell Inc. Gum massager. 4,535,761, 8-20-85, Cl. 128-62.00A.
Rabinowitz, Mario; and Perry, E. Robert, to Electric Power Research Institute, Inc. Cores for electromagnetic apparatus and methods of fabrication. 4,520,078, 5-28-85, Cl. 428-636.000.
Rabito, Thomas G.; Oswalt, Stephen M.; and Cline, Richard L., to Ashland Oil, Inc. Sealer for polyester and method of use to obtain laminates. 4,500,606, 2-19-85, Cl. 428-480.000.
Rabito, Thomas G.; Cline, Richard L.; Oswalt, Stephen M.; Randleman, Marvin T.; and Kimball, Michael E., to Ashland Oil, Inc. Sag resistant at essentially 1:1 ratio two component adhesive. 4,552,934, 11-12-85, Cl. 525-458.000.
Rabitsch, Hermann: *See—*
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Rabizzoni, Jacques: *See—*
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Rabo, Jule A.: *See—*
Coughlin, Peter K.; and Rabo, Jule A., 4,556,645, Cl. 502-66.000.
Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., 4,512,875, Cl. 208-114.000.
Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., 4,528,414, Cl. 585-514.000.
Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., 4,534,853, Cl. 208-120.000.
Rabold, Karl: *See—*
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Rabolt, John F.: *See—*
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Rabotski, John, to Design Engineering Service, Inc. Method for manufacturing foam boards. 4,557,881, 12-10-85, Cl. 264-40.400.
Rabson, Thomas A. Downstroke lift pump for wells. 4,538,970, 9-3-85, Cl. 417-417.000.
Rabson, Thomas A. Periodic reciprocating motor. 4,562,385, 12-31-85, Cl. 318-135.000.
Rabuse, George R.; and Hanson, Gary R., to Minnesota Mining and Manufacturing Company. Roll of predetermined length strips of pressure-sensitive tape. 4,562,102, 12-31-85, Cl. 428-43.000.
Rabuse, George R.: *See—*
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Racal Acoustics Limited: *See—*
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Krishnan, Vedavalli G., 4,534,043, Cl. 375-104.000.
Lee, Chin-Chen, 4,529,965, Cl. 340-347.0AD.
Racal-Milgo, Inc.: *See—*
Dambrackas, William A.; Marshall, Michael B.; Greenstein, Larry S.; and Downie, Alex, 4,494,232, Cl. 370-80.000.
Kromer, Philip F., III, 4,541,045, Cl. 364-200.000.
Racal-Milgo Limited: *See—*
Turner, Laurence F.; Bailey, John W.; and Parrish, Henry H., 4,562,425, Cl. 340-347.0DD.
Racal Recorders Limited: *See—*
Crick, Neil; and Miles, Anthony, 4,528,602, Cl. 360-66.000.
Racal Security Limited: *See—*
Galloway, John L.; Hankins, Timothy R. F.; and Owers, Ian A., 4,550,311, Cl. 340-531.000.
Galloway, John L.; and Hankins, Timothy R. F., 4,550,312, Cl. 340-539.000.
Paterson, Neil G.; and Morrison, Alan D., 4,529,972, Cl. 340-554.000.
Racal-SES Limited: *See—*
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Racanelli, Sylvester. Mail metering process and machine. 4,511,793, 4-16-85, Cl. 235-375.000.
Racca, Carlo, to Fiat Ferroviaria Savigliano S.p.A. Sliding double doors, particularly for railway and tramway vehicles. 4,543,746, 10-1-85, Cl. 49-118.000.
Racca, Enrico: *See—*
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Raccach, Moshe, to Microlife Technics, Inc. Fermentation composition using a selected lactobacillus. 4,514,424, 4-30-85, Cl. 426-56.000.
Raccah, Edward R.; and King, James B. Hair drying apparatus. 4,555,232, 11-26-85, Cl. 432-222.000.
Raccah, Paul M.: *See—*
Michel, Christian G.; Schachter, Rozalie; Kuck, Mark A.; Baumann, John A.; and Raccah, Paul M., 4,508,931, Cl. 136-255.000.
Racette, Joseph W.: *See—*
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Rache, Horst: *See—*
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Rachi, Kazuo; Kubota, Shouichi; and Sasaki, Isamu, to Nippon Suisan Kabushiki Kaisha. Process for producing fibrous simulated sea foods packaged in hermetically sealed containers. 4,540,589, 9-10-85, Cl. 426-250.000.
Rachi, Masahiro: *See—*
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Thiermann, William E., Sr., 4,527,651, Cl. 180-19.200.
Racine, Jacques, to Hydro-Quebec. Levering tool for manhole cover. 4,512,554, 4-23-85, Cl. 254-131.000.
Racinet, Jean-Claude. Blanket-saddle for sporting horse-riding. 4,524,570, 6-25-85, Cl. 54-44.000.
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Wilson, Michael E.; Olson, David R.; Stone, Walter H.; and MacDonald, Robin B., 4,502,956, Cl. 210-248.000.
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Raczek, Mieczyslaw J. Valve retainer for automotive valve repair. 4,513,486, 4-30-85, Cl. 29-220.000.
Raczynski, Wladyslaw, to Framatome & Cie. Axial-flow centrifugal pump for the circulation of fluid. 4,505,637, 3-19-85, Cl. 415-112.000.
Radacanu, Dan-Corneliu, to Braun Aktiengesellschaft. Control circuit for a timing motor. 4,492,910, 1-8-85, Cl. 318-772.000.
Radaelli, Dario, to Alfa Romeo Auto S.p.A. Petrol injector protection sheath. 4,492,201, 1-8-85, Cl. 123-470.000.
Radd, Fred J.; Scott, James B.; and Pan, Robert B., to Conoco Inc. Well completion system and process. 4,493,372, 1-15-85, Cl. 166-285.000.
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Rademaker, Gerrit, to U.S. Philips Corporation. Opto-electronic repeater. 4,504,974, 3-12-85, Cl. 455-601.000.
Rademaker, Leo C.; Hopkinson, Philip J.; Bell, Gordon M.; and Hay, Noah D., to General Electric Company. Method for making a dry type transformer. 4,521,954, 6-11-85, Cl. 29-605.000.
Rademakers, Petrus J., to Datawell B.V. Anchoring system for a buoy, specially a measuring buoy. 4,498,877, 2-12-85, Cl. 441-23.000.
Rademan, Jerry E.: *See—*
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Rader, Charles P., to Monsanto Company. Method of treating diene rubber with amino- and hydroxy aryl compounds. 4,499,243, 2-12-85, Cl. 525-333.100.
Rader, Charles P., to Monsanto Company. Method of treating diene rubber and improved rubber compositions. 4,513,110, 4-23-85, Cl. 524-432.000.
Rader, George L.: *See—*
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Rader, Laura A.: *See—*
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McLane, Jack E.; Schenk, Raymond L.; Rader, Robert R.; and Wirtz, John W., 4,544,014, Cl. 164-429.000.
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Radford, Alfred D., to Clarks Limited. Footwear. 4,547,978, 10-22-85, Cl. 36-3.00B.
Radford, Kenneth C.; Keller, Herbert W.; Parks, Beryl H.; and Fuller, Robert R., to Westinghouse Electric Corp. Apparatus for coating nuclear fuel pellets with a burnable absorber. 4,560,462, 12-24-85, Cl. 204-298.000.
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Radford, Leonard; and Joel, George, to Padley & Venables Limited. Mineral mining apparatus. 4,529,250, 7-16-85, Cl. 299-81.000.
Radford, Steven R.; and Hyland, Craig R., to Norton Christensen, Inc. Externally powered core catcher. 4,552,229, 11-12-85, Cl. 175-240.000.
Radford, Steven R., to Norton Christensen, Inc. Hydraulic lift inner barrel in a drill string coring tool. 4,553,613, 11-19-85, Cl. 175-250.000.
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Radici, Pierino, to Societa Italiana Resine S.I.R.-S.p.A.; and Enichimica Secondaria S.p.A. Method of copolymerization in suspension of ethylene with straight-chain alpha-olefins to obtain low-density copolymers. 4,530,980, 7-23-85, Cl. 526-73.000.
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Yoo, Jin S.; and Radlowski, Cecelia A., 4,492,678, Cl. 423-244.000.
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Eriksen, Joern B.; and Radochonski, Pierre, 4,499,501, Cl. 358-302.000.
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Radovich, Albert F. Portable desk and briefcase. 4,515,493, 5-7-85, Cl. 402-4.000.
Radovich, David A.; and Lowery, Michael K., to Mobay Chemical Corporation. Flexible polyurethane foams. 4,546,122, 10-8-85, Cl. 521-164.000.
Radovsky, Everett S. Flush and refill device. 4,499,615, 2-19-85, Cl. 4-366.000.
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Radtke, Carl T.; Kaiser, Ewald A.; Biedermann, Siegfried M.; and Chapman, Rick J., to IBG International, Inc. Motorized pool cover. 4,494,256, 1-22-85, Cl. 4-502.000.

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Radtke, Manfred, to Mero-Werke Dr.-Ing. Max Mengeringhausen GmbH & Co. Double floor. 4,508,162, 4-2-85, Cl. 165-56.000.

Radtke, Norman H.: *See—*
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Radtke, Robert P., to Strata Bit Corporation. Drill bit with self cleaning nozzle. 4,494,618, 1-22-85, Cl. 175-393.000.

Radtke, Robert P., to Strata Bit Corporation. Method of drill bit manufacture. 4,499,795, 2-19-85, Cl. 76-108.00A.

Radtke, Robert P.; and Morris, Wilford V., to Strata Bit Corporation. Drag blade bit with diamond cutting elements. 4,499,958, 2-19-85, Cl. 175-329.000.

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Radzik, William W.: *See—*
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Raeckelboom, Marc A. Strand guide. 4,552,321, 11-12-85, Cl. 242-130.000.

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Raedisch, Helmer: *See—*
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Raehse, Wilfried; Kuehne, Norbert; Wuest, Willi; and Engelskirchen, Konrad, to Henkel Kommanditgesellschaft auf Aktien. Process for highly substituted carboxyalkyl celluloses and mixed ethers thereof. 4,507,474, 3-26-85, Cl. 536-97.000.

Raes, Maurice C.; O'Connor, James M.; and Rosin, Michael L., to Olin Corporation. Process for preparing a stable dispersion of a polymer in a polyol and its use in the production of high resilience polyurethane foam. 4,497,913, 2-5-85, Cl. 521-137.000.

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Rafert, Don L. Wrench-holding fixture for vehicular wheels. 4,553,456, 11-19-85, Cl. 81-462.000.

Raffaeli, Lidio P., to Stewart-Warner Corporation. Corrosion resistant caster. 4,554,704, 11-26-85, Cl. 16-21.000.

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Raftery, William B., to Steelcase Inc. Seating unit with front flex area. 4,498,702, 2-12-85, Cl. 297-312.000.

Raftis, Spiros G., to Red Valve Company, Inc. Tide gate valve. 4,492,253, 1-8-85, Cl. 137-849.000.

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Raftis, Spiros G., to Red Valve Company, Inc. Isolation fluid pressure detector. 4,534,224, 8-13-85, Cl. 73-730.000.

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Ragan, Gary S.; and Jones, Jesse D., to Ethyl Corporation. Poly(ethylene terephthalate) blends. 4,551,485, 11-5-85, Cl. 523-212.000.

Ragan, Lawrence H., to Texas Instruments Incorporated. Programmable frequency converting filter. 4,513,260, 4-23-85, Cl. 333-165.000.

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Rager, Konrad, to MTU Motoren-und Turbinen-Union Munchen GmbH. Apparatus for the electrolytic drilling of precision holes. 4,529,493, 7-16-85, Cl. 204-224.00M.

Ragettli, Christian; and Frei, Theo, to Haemmerle AG. Device for manipulating workpieces. 4,557,135, 12-10-85, Cl. 72-420.000.

Raggam, Augustin; and Rabitsch, Hermann, to Simmering-Graz-Pauker Aktiengesellschaft. Process and apparatus for producing pulp. 4,556,452, 12-3-85, Cl. 162-233.000.

Raghu, Sivaraman; and Peake, Steven L., to American Cyanamid Company. Process for preparing 1-substituted-6-n-propyl-8-methylimidazo[1,5-d]-as-triazin-4-(3H)-ones. 4,499,283, 2-12-85, Cl. 548-343.000.

Raghunathan, Kuppuswamy, to Motorola, Inc. Voltage detecting circuit. 4,521,696, 6-4-85, Cl. 307-350.000.

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Raghunathan, Yegnaswami, to Pennwalt Corporation. Rapid dissolving, uniform drug compositions and their preparation. 4,517,179, 5-14-85, Cl. 514-249.000.

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Ragland, Frank R., Jr., to RCA Corporation. Method for screening line screen slit mask color picture tubes. 4,516,841, 5-14-85, Cl. 354-1.000.

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Ragle, Herbert U.; and Blessum, Norman S., to Burroughs Corporation. Spiral recording and associated system. 4,502,082, 2-26-85, Cl. 360-76.000.

Ragle, Herbert U.; and DeMoss, Dean, to Burroughs Corporation. Partitionable pack with end plates. 4,514,778, 4-30-85, Cl. 360-133.000.

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Ragnegard, Samuel; Strid, Kent; and Sundkvist, Goran, to AB Hedemora Verkstalder. Apparatus for removing a fiber layer from a rotating disc filter. 4,519,910, 5-28-85, Cl. 210-327.000.

Ragot, Roger A.; and Wolf, Claude J., to Equipements Automobiles Marchal. Stamped connector fittings for windscreen wiper arms. 4,502,178, 3-5-85, Cl. 15-250.340.

Raguier, Marcel: *See—*
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Rathert, Horst, 4,516,960, Cl. 474-49.000.
Rathert, Horst; and Hedrich, Winfried, 4,524,857, Cl. 198-409.000.

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Rahim, Chowdhury F., to AT&T Bell Laboratories. Telecommunication operational amplifier. 4,533,877, 8-6-85, Cl. 330-253.000.
Rahn, Melanie H.; and Braun, Jane E., to Laporte, Dorothy, a part interest. Adult/child communication kit. 4,556,390, 12-3-85, Cl. 434-433.000.
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Rahn, Raymond A. Warning system for school buses. 4,559,517, 12-17-85, Cl. 340-75.000.
Rahnke, Christian J., to Ford Motor Company. Turbocharger and exhaust gas control therefor. 4,510,754, 4-16-85, Cl. 60-602.000.
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Raidel, John E. Suspension system with U-joint mounted load carrying torque arm. 4,494,771, 1-22-85, Cl. 280-711.000.
Raidel, John E. Wide base air spring suspension system. 4,500,112, 2-19-85, Cl. 280-693.000.
Raidel, John E. Wide base air spring suspension assembly. 4,529,224, 7-16-85, Cl. 280-711.000.
Raidel, John E. Dual stub axle air spring suspension with high-axle hydraulic lift. 4,530,515, 7-23-85, Cl. 280-704.000.
Raidel, John E. Air spring suspension with angular torque beam, U-joint mount therefor, and lateral guides. 4,541,653, 9-17-85, Cl. 280-711.000.
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Raiha, Antti P. Decapping tool. 4,549,463, 10-29-85, Cl. 86-36.000.
Railsback, Henry E., to Phillips Petroleum Company. Conductive (hard) rubber compositions. 4,545,927, 10-8-85, Cl. 252-511.000.
Raiman, Clifford, to Chaparral Communications, Inc. Rotation of microwave signal polarization using a twistable, serpentine-shaped filament. 4,503,379, 3-5-85, Cl. 333-21.00A.
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  Lawson, Kenneth L., 4,537,356, Cl. 239-230.000.
  Pitchford, Edward J., 4,496,103, Cl. 239-230.000.
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Rainer, Georg, to Byk Gulden Lomberg Chemische Fabrik GmbH. [1,3]-dioxolo[4,5-f]benzimidazoles and [1,4]dioxino[2,3-f]benzimidazoles. 4,560,693, 12-24-85, Cl. 514-338.000.
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Raineri, Giuseppe, to Pietro Laverda S.p.A. Combine harvesters. 4,522,552, 6-11-85, Cl. 414-523.000.
Raines, David W., to Robert Morton DG Limited. Lauter tuns. 4,505,941, 3-19-85, Cl. 426-489.000.
Raines, Kenneth C., to Burron Medical Inc. Normally closed check valve. 4,535,820, 8-20-85, Cl. 137-854.000.
Raines, Kenneth C., to Burron Medical Inc. Dual disc low pressure back-check valve. 4,556,086, 12-3-85, Cl. 137-852.000.
Rainey, Charles E., Jr., to Graham Magnetics Incorporated. Fastener-free baffle assembly system. 4,494,878, 1-22-85, Cl. 366-341.000.
Rainin, E. A., to Ioptex Inc. Intraocular lens apparatus and method for implantation of same. 4,490,860, 1-1-85, Cl. 3-13.000.
Rainin Instrument Co. Inc.: *See—*
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Rainville, Gilles, to Rockwell International Corporation. Thick core sandwich structures and method of fabrication thereof. 4,530,197, 7-23-85, Cl. 52-797.000.
Rais, John M. Bottle handle for plastic prong bottle. 4,552,396, 11-12-85, Cl. 294-27.100.
Raisfeld, Ilene H., to Research Foundation of State University of New York, The. Epithelial cell growth regulating composition containing polyamines and a method of using same. 4,507,321, 3-26-85, Cl. 514-673.000.
Raisig, Hermann; Unger, Gregor; and Wirbser, Oscar, to Siemens Aktiengesellschaft. Process for the laser soldering of flexible wiring. 4,547,652, 10-15-85, Cl. 219-121.0LD.
Raisin, Helmut; and Teutelink, Bernard C., to Ciba-Geigy Corporation. Process for dyeing or printing polyamide fibres. 4,553,976, 11-19-85, Cl. 8-639.000.
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Raj, Kuldip, to Ferrofluidics Corporation. Stabilized ferrofluid-ferrofluid seal apparatus and method. 4,526,379, 7-2-85, Cl. 277-80.000.
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Rajadhyaksha, Vithal J., to Nelson Research & Development Co. Penetration enhancers for transdermal drug delivery of systemic agents. 4,562,075, 12-31-85, Cl. 514-788.000.
Rajagopal, Ganesh, to Mead Corporation, The. Belt system with alignment apparatus. 4,557,372, 12-10-85, Cl. 198-807.000.
Rajakhyaksha, Vithal J., to Nelson Research & Development Co. Method of improved pest control. 4,525,199, 6-25-85, Cl. 514-788.000.
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  - Shen, Jerome L., 4,551,274, Cl. 260-123.500.
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  - Scheidt, Joachim; and Keller, Gottfried, 4,545,754, Cl. 425-419.000.
- Rampon Products, Inc.: *See—*
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  - Freige, Diab E.; Lockwood, John J.; Ramsay, Michael; and Keely, Leroy B., 4,538,073, Cl. 307-33.000.
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- Ramsey, David L., executor: *See—*
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- Ramsey, Earl A., to Maxi-Lift, Inc. Belt splicing device. 4,540,389, 9-10-85, Cl. 474-257.000.
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- Ramstrom, Bengt: *See—*
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  - Payne, Errol G.; McGregor, Charles D.; and Uyeda, Tim M., 4,504,160, Cl. 400-196.100.
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- Ramuz, Henri, to Hoffmann-La Roche Inc. 2-imino-imidazolidine derivatives. 4,511,720, 4-16-85, Cl. 546-273.000.
- Ramuz, Henri: *See—*
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  Rossi, Guglielmo; and Gemma, Mario, 4,510,480, Cl. 337-321.000.
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Randall, Charles E., to Westinghouse Electric Corp. Door entrance. 4,530,189, 7-23-85, Cl. 52-30.000.
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  Huebel, Robert R., 4,519,824, Cl. 62-26.000.
  Netzer, David, 4,547,209, Cl. 62-17.000.
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  Agnew, Palmer W.; Kellerman, Anne S.; and Randall, Grayson W., 4,498,147, Cl. 364-900.000.
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  Hogan, John P.; Hsieh, Eric T.; and Randall, James C., 4,522,987, Cl. 526-106.000.
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  Franks, William S., Jr.; Randall, John M.; and Swift, Joseph A., 4,553,191, Cl. 361-212.000.
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  Ladouceur, Lawrence C., 4,559,689, Cl. 29-243.520.
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Randell, Christopher P., to Picker International Limited. Nuclear magnetic resonance method and apparatus. 4,553,096, 11-12-85, Cl. 324-309.000.
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Randen, Neil A., to Minnesota Mining and Manufacturing Company. Substantive moisturizing compositions. 4,552,755, 11-12-85, Cl. 424-81.000.
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Randleman, Randy J. Maze game device. 4,545,577, 10-8-85, Cl. 273-113.000.
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Rando, Joseph F., to Spectra-Physics, Inc. Scanning method using a rotating prism. 4,544,228, 10-1-85, Cl. 350-6.400.
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Randolph, Donald A.; and Watkins, Kenneth R., to USG Corporation. Pressure coating of mineral fillers. 4,520,073, 5-28-85, Cl. 428-405.000.
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  Powell, Byron E.; Bakhshi, Virendar S.; and Randolph, Donald A., 4,552,683, Cl. 252-189.000.
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Randolph, Robert W., to ACF Industries, Incorporated. Uncoupling device which complies with AAR specification. 4,544,072, 10-1-85, Cl. 213-166.000.
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Randwal Instrument Co., Inc.: *See—*
  Remijan, Paul W., 4,541,697, Cl. 351-211.000.
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  Tucker, Raymond M.; and Dyer, Clarence L., 4,511,781, Cl. 219-10.770.
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Rangwala, Badruddin K.; and Flack, Toney S., to Ex-Cell-O Corporation. Filler means for charging containers. 4,537,335, 8-27-85, Cl. 222-496.000.
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Ranhagen, Ernst G. Method and grinder for the manufacture of pulp. 4,560,439, 12-24-85, Cl. 162-261.000.
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  Heathcote, Geoffrey L.; and Hollowell, Alan C., 4,498,043, Cl. 324-61.00P.
Rank, William J., to Control Data Corporation. Connector assembly for mounting leadless chip carriers. 4,523,796, 6-18-85, Cl. 339-17.0CF.
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  Namba, Yoshiharu, 4,548,402, Cl. 271-290.000.
  Okamoto, Yoshikazu, 4,499,166, Cl. 430-33.000.
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  - McKinnie, Bonnie G.; and Ranken, Paul F., 4,533,753, Cl. 568-47.000.
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- Rankin, Henry, Jr. Bird nesting habitat. 4,515,108, 5-7-85, Cl. 119-45.00R.
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  - Rankin, P. Phillip, Sr.; Rankin, R. Dewon; and Rankin, Jacky P., 4,513,452, Cl. 2-81.000.
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  - Brander, Rita W.; Raap, Teresa A.; and Rankowitz, Marshall M., 4,556,570, Cl. 426-104.000.
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  - Towersey, Peter J.; Longton, John; and Cockram, Geoffrey N., 4,501,765, Cl. 426-656.000.
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  - Barker, Jeffrey G., 4,517,786, Cl. 53-450.000.
  - Marsh, Robert A., 4,555,485, Cl. 435-68.000.
  - Winter, Maurice J.; and Dawe, Peter R., 4,539,214, Cl. 426-557.000.
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- Rannenberg, George C., to United Technologies Corporation. High efficiency air cycle air conditioning system. 4,535,606, 8-20-85, Cl. 62-402.000.
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- Ranno, Edward N., Sr. Auxiliary form roller apparatus for rotary offset lithographic duplicating machines. 4,554,869, 11-26-85, Cl. 101-145.000.
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  - Ottaviano, Gary W., 4,557,716, Cl. 493-464.000.
- Ransburg Corporation: *See—*
  - Rodgers, Michael C.; and Michels, Geoffrey H., 4,505,430, Cl. 239-112.000.
  - Woodruff, Frederick W.; Hughey, Daniel C.; and Smart, William L., 4,506,260, Cl. 340-649.000.
- Ransburg-Gema AG: *See—*
  - Rutz, Guido, 4,529,131, Cl. 239-690.000.
- Ransburg Japan, Limited: *See—*
  - Hiroshima, Koichi; and Tada, Yoshinori, 4,495,086, Cl. 252-314.000.
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- Ranson, Michele. Novel therapeutic composition useful particularly for healing wounds. 4,560,678, 12-24-85, Cl. 514-44.000.
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  - Kuusikko, Matti J.; and Rantala, Olavi K., 4,501,526, Cl. 414-173.000.
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  - Puumalainen, Pertti; Rantanen, Rauno; and Sikanen, Pertti, 4,543,487, Cl. 250-493.100.
- Rantell, Terry D.: *See—*
  - Clarke, James W.; Kimber, Geoffrey M.; Rantell, Terry D.; and Snape, Colin E., 4,521,291, Cl. 208-8.0LE.
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  - Minet, Ronald G.; Dente, Mario; Ranzi, Eliseo; and Sunny H. K., 4,520,217, Cl. 585-415.000.
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- Rao, Basrur R., to Sperry Corporation. Cross polarization compensation technique for a monopulse dome antenna. 4,499,473, 2-12-85, Cl. 343-754.000.
- Rao, Chatty: *See—*
  - Hilbrans, Hermann: and Rao, Chatty, 4,491,470, Cl. 75-5.000.
- Rao, G. R. Mohan: *See—*
  - McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,533,843, Cl. 307-530.000.
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- Rao, Krishna K.: *See—*
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  - Bawa, Jaspal S.; Couto, Luis R.; Rapacki, Edward S.; Wood, Alfred; and Pobuta, Walter A., deceased, 4,549,037, Cl. 174-65.0SS.
- Rapacz, Deirdre T.: *See—*
  - Lee, Calvin K.; and Rapacz, Deirdre T., 4,500,592, Cl. 428-251.000.
- Rapata, George M. Blind securement of cover plates and the like. 4,534,487, 8-13-85, Cl. 220-305.000.
- Rapoport, Morris: *See—*
  - Leyendecker, William R.; and Rapoport, Morris, 4,539,302, Cl. 502-24.000.
- Rapp, A. Karl, to National Semiconductor Corporation. Self compensating ROM circuit. 4,541,077, 9-10-85, Cl. 365-210.000.
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  - Schulz, Ralf-Thilo; and Rapp, Helmut, 4,549,726, Cl. 267-140.500.
- Rapp, Karl G., to United Industries Sales Organization, Inc. Closure cap for multi-compartment containers. 4,522,315, 6-11-85, Cl. 222-142.100.
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- Rappa, Angela: *See—*
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  - Van Gasselt, Max L. G.; and Rappoldt, Louis M., 4,532,871, Cl. 110-216.000.
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- Rardin, Robert W.: *See—*
  - Pye, David S.; Ash, Donald L.; and Rardin, Robert W., 4,498,543, Cl. 166-376.000.
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- Rasch, Ulf: *See—*
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- Rascle, Roger: *See—*
  - Cornet, Jean; Lange, Francois; Le Carvennec, Francois; Lehureau, Jean-Claude; and Rascle, Roger, 4,551,733, Cl. 346-137.000.
- Rashev, Michael. Biorhythms analog computer-calendar. 4,551,620, 11-5-85, Cl. 235-1.00C.
- Rashleigh, Scott C., to United States of America, Navy. Fiber optic gyroscope with alternating output signal. 4,491,413, 1-1-85, Cl. 356-350.000.
- Rashleigh, Scott C., to United States of America, Navy. Fiber optic sensors operating at DC. 4,495,411, 1-22-85, Cl. 250-227.000.
- Rashleigh, Scott C.; and Petuchowski, Samuel J. Polarimetric Fabry-Perot sensor. 4,536,098, 8-20-85, Cl. 356-351.000.
- Rashleigh, Scott C.: *See—*
  - Ulrich, Reinhard; and Rashleigh, Scott C., 4,539,519, Cl. 324-117.00R.
- Rasimus, Seppo U. Page folder. 4,541,220, 9-17-85, Cl. 53-380.000.
- Rask, Mark C. Electrically-powered expansion/contraction apparatus. 4,516,102, 5-7-85, Cl. 335-267.000.
- Rask, Rodney B.: *See—*
  - Rush, William B., II; and Rask, Rodney B., 4,549,506, Cl. 123-52.0MB.
- Raskai, Magda: *See—*
  - Szijjarto, Emilia; and Raskai, Magda, 4,503,037, Cl. 424-94.000.
- Raskov, Herman E. Insulated electric heating element. 4,553,025, 11-12-85, Cl. 219-461.000.
- Rasmuson, Torgny: *See—*
  - Hultmark, Dan; Steiner, Hakan; Rasmuson, Torgny; and Boman, Hans G., 4,520,016, Cl. 514-12.000.
- Rasmussen, Aaron P. Radial belt grinder. 4,509,296, 4-9-85, Cl. 51-148.000.
- Rasmussen, Chris R., to McNeilab, Inc. Anticonvulsant N-aryl-N'-(2-thiazolidinylidene)ureas. 4,542,144, 9-17-85, Cl. 514-371.000.
- Rasmussen, David H.: *See—*
  - Bailen, Eddie H.; Rasmussen, David H.; and Johnson, William C., 4,522,615, Cl. 493-37.000.
- Rasmussen, Donald C., deceased (by Rasmussen, Jaunice O., executor); and Kozel, James A., deceased (by Kozel, Violet M., executor), to Singer Company, The. Air valve. 4,500,068, 2-19-85, Cl. 251-205.000.
- Rasmussen, Donald O.; Chow, William C.; and Davio, Franklin J., to Kennedy Company. Cartridge tape drive having vacuum autothreading. 4,520,970, 6-4-85, Cl. 242-195.000.
- Rasmussen, George J. Bow sight. 4,528,973, 7-16-85, Cl. 124-87.000.
- Rasmussen, George P.; and Grimmett, Earl S., to Waste-Tech Services, Inc. Removal of tramp material from fluid bed vessels. 4,553,487, 11-19-85, Cl. 110-245.000.
- Rasmussen GmbH: *See—*
  - Wachter, Gerhard, 4,523,352, Cl. 24-20.0TT.
- Rasmussen, Hilmar O.: *See—*
  - Petersen, Jorgen H.; Clausen, Peter J. M.; and Rasmussen, Hilmar O., 4,497,625, Cl. 431-208.000.
  - Petersen, Jorgen H.; Clausen, Peter J. M.; and Rasmussen, Hilmar O., 4,515,555, Cl. 431-208.000.
- Rasmussen Holding A/S: *See—*
  - Sonneborn, Siegfried; Handel, Manfred; and Mack, Ernst, 4,543,753, Cl. 52-15.000.
- Rasmussen, Ib O.: *See—*
  - Jensen, Carl A.; and Rasmussen, Ib O., 4,549,963, Cl. 210-314.000.
- Rasmussen, James M., to Cummins-Allison Corporation. Coin sorter apparatus and method utilizing coin thickness as a discriminating parameter. 4,543,969, 10-1-85, Cl. 133-3.00A.
- Rasmussen, James R.; and Virkar, Anil V., to Ceramatec, Inc. Hydrogen selenide treatment of electrolytes. 4,496,639, 1-29-85, Cl. 429-193.000.
- Rasmussen, Jan. Medical electrode and a method of manufacturing same. 4,524,775, 6-25-85, Cl. 128-640.000.
- Rasmussen, Jaunice O., executor: *See—*
  - Rasmussen, Donald C., deceased; and Kozel, James A., deceased, 4,500,068, Cl. 251-205.000.
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  - Heilmann, Steven M.; Krepski, Larry R.; and Rasmussen, Jerald K., 4,524,221, Cl. 568-322.000.
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- Rasmussen, Jimmie: *See—*
  - Brockway, Brock F.; Moretti, Anthony L.; Pellolio, Anselmo P.; and Rasmussen, Jimmie, 4,561,162, Cl. 29-428.000.
- Rasmussen, John F.; and Gaia, Aldino J., to McGraw-Edison Company. Fatigue-resistant fuse strip. 4,511,874, 4-16-85, Cl. 337-159.000.
- Rasmussen, Laurits B.: *See—*
  - Klausen, Jorn H.; Rasmussen, Laurits B.; and Hansen, Svend, 4,529,166, Cl. 251-141.000.
- Rasmussen, Ole-Bendt; and Jensen, Borge, to Rasmussen, Ole-Bendt. Coextrusion die. 4,492,549, 1-8-85, Cl. 425-131.100.
- Rasmussen, Oystein. Method for the protection of ships and other objects against fouling. 4,518,638, 5-21-85, Cl. 427-407.100.
- Rasmussen, Robert, to Progressive Assembly Machine Co., Inc. Fluid dispensing valve assembly. 4,505,298, 3-19-85, Cl. 137-540.000.
- Rasmussen, Robert, to Industrial Parts Depot. Replaceable wear-edge router bit. 4,550,513, 11-5-85, Cl. 37-141.00R.
- Rasmussen, Robert A.: *See—*
  - DasGupta, Sumit; Graf, Matthew C.; Rasmussen, Robert A.; and Williams, Thomas W., 4,503,386, Cl. 324-73.00R.
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  - MacLean, W. Douglas; and Rasmussen, Robert A., 4,541,627, Cl. 272-72.000.
- Rasmussen, Robert R. Casing arrangement for partition end caps. 4,512,118, 4-23-85, Cl. 52-39.000.
- Rasmussen, Russell G.; Peinsipp, Alice A.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Toy pool table components. 4,544,156, 10-1-85, Cl. 273-5.00A.
- Rasmussen, Torben: *See—*
  - Kroyer, Karl K. K.; and Rasmussen, Torben, 4,494,278, Cl. 19-304.000.
- Rasnick, David W.; and Bissell, Eugene R., to Enzyme Systems Products. 7-amino-4-trifluoromethylquinolone derived substrates and

method for determining enzymes and inhibitors. 4,505,852, 3-19-85, Cl. 260-112.50R.

Rasnick, David W. α Amino fluoro ketones. 4,518,528, 5-21-85, Cl. 260-112.50R.

Raso, Roland: *See*—

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Rasor, William, to Masco Corporation. Article carrier with adjustably positionable bracket. 4,500,020, 2-19-85, Cl. 224-321.000.

Rasor, William; and Redman, Leon E., to Masco Corporation. Luggage rack with pre-attached end piece. 4,501,386, 2-26-85, Cl. 224-326.000.

Raspanti, Guiseppe; Fossati, Norberto; and Ferrari, Attilio, to APITAL Produzioni Industriali S.p.A. Piperidine derivatives and use thereof as stabilizers for polymers. 4,530,950, 7-23-85, Cl. 524-100.000.

Raspor, O. Carl: *See*—

Cleereman, Kenneth J.; Raspor, O. Carl; and Burmester, Alan F., 4,510,108, Cl. 264-119.000.

Rasseneur, Laurent: *See*—

Lang, Gerard; Maignan, Jean; Leveque, Jean-Luc; and Rasseneur, Laurent, 4,539,320, Cl. 514-222.000.

Rasshofer, Werner; and Prolingheuer, Ernst-Christoph, to Bayer Aktiengesellschaft. Process for the preparation of a cellular polyurethane. 4,500,656, 2-19-95, Cl. 521-164.000.

Rasshofer, Werner, to Bayer Aktiengesellschaft. Preparation of polyamines by hydrolyzing a polyisocyanate in the presence of an isocyanate-reactive compound with water. 4,501,873, 2-26-85, Cl. 528-48.000.

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Rasshofer, Werner; Balle, Gerhard; Dieterich, Dieter; and Meyborg, Holger, to Bayer Aktiengesellschaft. Polymer-containing polyether polyamines and a process for the production of these polyamines. 4,532,266, 7-30-85, Cl. 521-159.000.

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Rasshofer, Werner; Grogler, Gerhard; Konig, Klaus; and Dieterich, Dieter, to Bayer Aktiengesellschaft. Polyamines, a process for the production of polyamines and their use in the production of polyurethanes. 4,540,720, 9-10-85, Cl. 521-159.000.

Rasshofer, Werner: *See*—

Balle, Gerhard; Rasshofer, Werner; and Schoberth, Winfried, 4,506,039, Cl. 521-137.000.

Fauss, Rudolf; Meiners, Hans J.; Rasshofer, Werner; and Meyborg, Holger, 4,515,923, Cl. 525-127.000.

Hajek, Manfred; Muller, Hanns P.; and Rasshofer, Werner, 4,562,289, Cl. 564-2.000.

Heusch, Rudolf; Rasshofer, Werner; Reichmann, Wolfgang; and Richartz, Adolf, 4,518,521, Cl. 252-188.310.

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Rast, John L.; Hall, Wayne A.; Kramer, Charles F.; and Stenhouse, William L., to Steel Heddle Manufacturing Company. Loom reed with plastic profiled dents. 4,529,014, 7-16-85, Cl. 139-435.000.

Rastall, Mary H.; Ng, Norman H.; and MacPherson, Edwin J., to Fiberglas Canada Inc. Modified phenolic foams. 4,525,492, 6-25-85, Cl. 521-181.000.

Rastogi, Prabhat K., to Inland Steel Company. Low silicon steel electrical lamination strip. 4,545,827, 10-8-85, Cl. 148-31.550.

Rastogi, Prahbat K., to Inland Steel Company. Medium silicon steel electrical lamination strip. 4,529,453, 7-16-85, Cl. 148-31.550.

Ratajski, Michel, to H. Finger, Firma. Wrist watch case with vulcanized gasket. 4,497,584, 2-5-85, Cl. 368-294.000.

Ratcliff, Henry K. Drive circuit for a plurality of ultrasonic generators using auto follow and frequency sweep. 4,554,477, 11-19-85, Cl. 310-316.000.

Ratcliffe, Charles T.; and Tromp, Petrus J., to Exxon Research & Engineering Co. Synthesis of H_2 and CH_4 from H_2S and CO. 4,517,171, 5-14-85, Cl. 423-648.00R.

Ratcliffe, Michael J., to International Computers Limited. Data storage apparatus. 4,562,576, 12-31-85, Cl. 371-21.000.

Ratcliffe, Raymond J.: *See*—

Coder, David W.; Wisler, Benjamin B., Jr.; Clark, Albert P.; and Ratcliffe, Raymond J., 4,532,801, Cl. 73-432.00R.

Ratcliffe, Ronald W.: *See*—

Christensen, Burton G.; and Ratcliffe, Ronald W., 4,530,841, Cl. 514-210.000.

Ratcliffe, Stanley. Navigation systems. 4,529,981, 7-16-85, Cl. 340-985.000.

Ratelband, John B. Fire-guard. 4,541,408, 9-17-85, Cl. 126-121.000.

Ratell, Raymond E., Jr. Hydraulically-operated pump jack with chain drive. 4,497,616, 2-5-85, Cl. 417-390.000.

Rath, Dale R., to Tektronix, Inc. CRT shadow mask assembly. 4,547,695, 10-15-85, Cl. 313-406.000.

Rath, Gero: *See*—

Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.

Rath, Heinrich B., to Lucas Industries Public Limited Company. Adjustable abutments in disc brakes. 4,491,205, 1-1-85, Cl. 188-73.390.

Rath, Heinrich B., to Lucas Industries Inc. Automatic adjusting device for a brake. 4,533,024, 8-6-85, Cl. 188-79.50B.

Rath, Klaus: *See*—

Distelrath, Heinz D.; Wiegand, Herbert; Rath, Klaus; and Baumer, Klaus, 4,559,008, Cl. 431-63.000.

Rathband, Clive A.: *See*—

Wickham, David J.; and Rathband, Clive A., 4,492,412, Cl. 303-32.000.

Rathbun, Daniel L. Tamperproof capsule. 4,534,467, 8-13-85, Cl. 206-530.000.

Rathbun, Donald J.: *See*—

Funke, Michael J.; Topliffe, Douglas A.; and Rathbun, Donald J., 4,534,044, Cl. 375-120.000.

Tarbox, Bruce H.; Rathbun, Donald J.; and Su, Taian, 4,554,598, Cl. 360-48.000.

Rathbun, Ethan M., to William A. Dye, a part interest. Harness apparatus and method for breathing exercises. 4,506,883, 3-26-85, Cl. 272-99.000.

Rathbun, Robert G.; and Thalheimer, Albert J. Continuous still. 4,495,033, 1-22-85, Cl. 202-118.000.

Rathbun, Willard J. Tamper resistant container and closure assembly. 4,555,042, 11-26-85, Cl. 220-277.000.

Rathbun, William H.: *See*—

Pasko, Walter J., Jr.; and Rathbun, William H., 4,520,556, Cl. 29-606.000.

Rathburn, Jerry L.: *See*—

Flotow, Richard A.; Rathburn, Jerry L.; and Schlosser, DeWayne F., 4,503,959, Cl. 192-70.300.

Rathe, Robert A., to FMC Corporation. Coupling and latching mechanism for extensible boom. 4,492,311, 1-8-85, Cl. 212-264.000.

Rathe, Robert A.; and Volkmann, Thomas J., to FMC Corporation. Extensible boom with manual section stored in base. 4,514,939, 5-7-85, Cl. 52-118.000.

Rathe, Robert A.: *See*—

Poock, Darwin N.; and Rathe, Robert A., 4,491,228, Cl. 212-239.000.

Poock, Darwin N.; and Rathe, Robert A., 4,557,391, Cl. 212-270.000.

Ratheiser, Heinz, to American Maplan Corporation. Extrusion head for tubular bodies and hollow profiles. 4,509,907, 4-9-85, Cl. 425-197.000.

Rathel, Dieter: *See*—

Gruber, Reinhold; and Rathel, Dieter, 4,543,943, Cl. 126-350.00R.

Rathert, Horst, to Rahdener Maschinenfabrik August Kolbus GmbH & Co. Inner book clamp. 4,507,036, 3-26-85, Cl. 412-9.000.

Rathert, Horst, to Rahdener Maschinenfabrik August Kolbus GmbH & Co. Variable speed chain drive. 4,516,960, 5-14-85, Cl. 474-49.000.

Rathert, Horst; and Hedrich, Winfried, to Rahdener Maschinenfabrik August Kolbus GmbH & Co. Book block feed device. 4,524,857, 6-25-85, Cl. 198-409.000.

Rathge, Robert D.: *See*—

Schlie, LaVerne A.; and Rathge, Robert D., 4,535,457, Cl. 372-58.000.

Rathgeber, Juergen; and Ward, William W., to Southern Case, Inc. Container and associated latch structure. 4,522,312, 6-11-85, Cl. 220-324.000.

Rathgeber, Max, to Siemens Aktiengesellschaft. Method and apparatus for coding pulse-amplitude modulated signals into pulse-code modulated signals in accordance with an approximated logarithmic characteristic curve. 4,492,953, 1-8-85, Cl. 340-347.0AD.

Rathie, Lester C.: *See*—

Noack, Timothy J.; and Rathie, Lester C., 4,522,370, Cl. 251-63.500.

Rathke, Willi: *See*—

Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., 4,526,294, Cl. 222-47.000.

Rathman, John R.: *See*—

Peters, Donald L.; Rathman, John R.; and Sumpter, Irvin L., 4,510,116, Cl. 264-529.000.

Rathmann, Dietrich: *See*—

Schmidt, Manfred; Rathmann, Dietrich; and Reinking, Klaus, 4,517,328, Cl. 524-370.000.

Rathmann, Thomas M.: *See*—

Warenback, Douglas H.; Rathmann, Thomas M.; and Mirkovich, Ninko T., 4,547,247, Cl. 156-345.000.

Rathmayr, Heinz: *See*—

Brasseur, Georg; and Rathmayr, Heinz, 4,512,306, Cl. 123-367.000.

Rathmell, William G.: *See*—

Parry, Keith P.; Worthington, Paul A.; and Rathmell, William G., 4,551,469, Cl. 514-383.000.

Rathnam, Premila: *See*—

Saxena, Brij B.; and Rathnam, Premila, 4,560,649, Cl. 435-7.000.

Raths, Gunther, to Apparatebau Rothemuhle Brandt & Kritzler GmbH. Apparatus for regenerative flue gas heat exchanger. 4,509,583, 4-9-85, Cl. 165-4.000.

Rathus, Spencer A.: *See*—

Rubenstein, Charles P.; Nevid, Jeffrey S.; and Rathus, Spencer A., 4,540,292, Cl. 368-29.000.

Rathvon, Kathryn P.; and Rathvon, William P. Cast moving device. 4,495,941, 1-29-85, Cl. 128-80.00G.

- Rathvon, William P.: *See—*
  - Rathvon, Kathryn P.; and Rathvon, William P., 4,495,941, Cl. 128-80.00G.
- Rationator-Maschinenbau GmbH: *See—*
  - Schindel, Hugo, 4,537,230, Cl. 141-146.000.
- Ratislav, Jaromir: *See—*
  - Altmann, Josef; Ratislav, Jaromir; and Ratislav, Jaromir, 4,561,866, Cl. 55-166.000.
  - Altmann, Josef; Ratislav, Jaromir; and Ratislav, Jaromir, 4,561,866, Cl. 55-166.000.
- Ratka, Frances I.: *See—*
  - Suresh, Dev D.; Grasselli, Robert K.; Brazdil, James F.; and Ratka, Frances I., 4,532,083, Cl. 260-465.300.
- Ratkowski, Donald J.; and Lue, Ping-Chang, to Paragon Optical, Inc. Silane ester contact lens composition, article and method of manufacture. 4,535,138, 8-13-85, Cl. 526-279.000.
- Ratliff, Hershel E.: *See—*
  - Gilmore, Thomas F.; and Ratliff, Hershel E., 4,540,616, Cl. 428-131.000.
- Ratliff, Raymond W.; and Smith, Eugene E. Destructible toy aircraft game. 4,502,691, 3-5-85, Cl. 273-349.000.
- Ratnik Industries, Inc.: *See—*
  - Muller-Girard, Otto, 4,511,083, Cl. 239-14.000.
- Ratschat, Gunter, to Mannesmann Demag AG. Method and apparatus for recovery and recycling of heat from hot gases. 4,541,864, 9-17-85, Cl. 75-41.000.
- Ratsko, Istvan; Ivony, Jozsef; Karaszi, Gyorgy; Madi, Jeno; and Liptai, Nandor, to Autoipari Kutato Intezet; and Ikarus Karosszeria es Jarmugyar. Anti-jackknifing device with friction brake for articulated motor vehicle. 4,494,765, 1-22-85, Cl. 280-432.000.
- Rattin, Luciano; and Vigliermo, Amerigo, to Ing. C. Olivetti & C., S.p.A. Apparatus for scanning an original for copiers having a variable reducing/enlargement ratio. 4,494,866, 1-22-85, Cl. 355-57.000.
- Rattlingourd, Glen D.; Currie, Robert J.; and Moss, Stanley D., to Sperry Corporation. Bit serial convolutional decoder for VLSI implementation. 4,536,878, 8-20-85, Cl. 371-43.000.
- Rattmann, Hans R.: *See—*
  - Oehlke, Donald N.; MacRae, Ralph A.; Crammond, James; and Rattmann, Hans R., 4,508,477, Cl. 411-174.000.
- Rattmann, James A., to Oscar Mayer Foods Corporation. Slicer feed mechanism. 4,522,093, 6-11-85, Cl. 83-42.000.
- Rattmann, James A.: *See—*
  - Mally, Timothy G.; Rattmann, James A.; and Borsuk, Alvin, 4,532,751, Cl. 53-396.000.
- Rattner, Jerome E.: *See—*
  - Evans, Edwin R.; Pate, Kevin T.; Rattner, Jerome E.; and Simpson, Verne G., 4,529,774, Cl. 524-860.000.
- Rattner, Manfred: *See—*
  - Kuhnke, Hermann; and Rattner, Manfred, 4,546,489, Cl. 378-103.000.
- Ratton, Serge, to Rhone-Poulenc Agrochimie. Process for the preparation of optionally halogenated anilines. 4,508,922, 4-2-85, Cl. 564-407.000.
- Ratton, Serge; and Bougeois, Jean-Luc, to Rhone-Poulenc Specialites Chimiques. Bromination of substituted benzaldehydes. 4,551,557, 11-5-85, Cl. 568-433.000.
- Ratton, Serge; and Bougeois, Jean-Luc, to Rhone-Poulenc Specialites Chimiques. Bromination of substituted benzaldehydes. 4,551,558, 11-5-85, Cl. 568-433.000.
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- Rattunde, Manfred, to Reimers Getriebe AG. Flat or plate link- articulated chain, particularly for use in stepless variable-ratio transmissions. 4,547,182, 10-15-85, Cl. 474-214.000.
- Ratz, Gerhard, to Rodi & Wienenberger AG. Flexible band. 4,510,746, 4-16-85, Cl. 59-79.100.
- Ratz nee Simonek, Ildiko: *See—*
  - Benko, Pal; Ratz nee Simonek, Ildiko; Pallos, Laszlo; Magyar, Karoly; Kovacs, Jeno; Matrai, Erzsebet; Gundel, Janos; and Balogh, Albert, 4,511,717, Cl. 544-353.000.
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  - Post, Hans; and Ratzel, Dieter, 4,535,290, Cl. 324-309.000.
  - Post, Hans; Ratzel, Dieter; and Brunner, Peter, 4,558,277, Cl. 324-309.000.
- Ratzel, Richard O.: *See—*
  - Myers, Carl J.; and Ratzel, Richard O., 4,539,876, Cl. 82-32.000.
- Ratzel, Rudiger; and Schneider, Erich, to Robert Bosch GmbH. Vehicle seat positioning system with entry-facilitating feature. 4,547,718, 10-15-85, Cl. 318-568.000.
- Ratzkin, Barry J.: *See—*
  - Hung, Paul P.; Lee, Shaw-Guang; Roychoudhury, Ranajit; and Ratzkin, Barry J., 4,558,010, Cl. 435-212.000.
- Ratzlaff, Howard J., to Hesston Corporation. Underfed crop baler having single rotary feeder. 4,524,574, 6-25-85, Cl. 56-341.000.
- Rau, Axel; and Franz, Klaus-Dieter, to Merck Patent Gesellschaft mit beschrankter Haftung. Dispersible Berlin blue pigment. 4,545,821, 10-8-85, Cl. 106-291.000.
- Rau, Bantwal R.; Glaeser, Christopher D.; and Kuekes, Philip J., to TRW Inc. Random access memory device. 4,521,874, 6-4-85, Cl. 365-221.000.
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- Rau, Gunter: *See—*
  - Trispel, Stephan; and Rau, Gunter, 4,550,990, Cl. 351-243.000.
- Rau, Hanns: *See—*
  - Osswald, Manfred; Rau, Hanns; and Fissmann, Hans-Joachim, 4,505,052, Cl. 34-114.000.
- Rau, Jim L., to TRW Inc. Steering control apparatus. 4,507,920, 4-2-85, Cl. 60-443.000.
- Rau, Karl, to VDO Adolf Schindling AG. Suction device. 4,510,968, 4-16-85, Cl. 137-590.000.
- Rau, Karl; and Haub, Martin, to VDO Adolf Schindling AG. Liquid-level transmitter with bell jar housing for gasoline tanks. 4,532,491, 7-30-85, Cl. 338-33.000.
- Rau, Rama N.: *See—*
  - Moran, James H.; and Rau, Rama N., 4,511,842, Cl. 324-338.000.
- Rau, William G.; and Wojtowicz, Edward A., to Burroughs Corporation. Remotely initiated separation latch assembly. 4,530,269, 7-23-85, Cl. 89-1.140.
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- Rau, Wolfgang: *See—*
  - Burk, Gerhard; and Rau, Wolfgang, 4,549,762, Cl. 296-208.000.
- Raubenheimer, Hans-Juergen: *See—*
  - Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Juergen, 4,532,320, Cl. 528-498.000.
- Raubenheimer, Hans-Jurgen: *See—*
  - Denzinger, Walter; Hartmann, Heinrich; Faulhaber, Gerhard; and Raubenheimer, Hans-Jurgen, 4,525,581, Cl. 528-503.000.
- Raubenheimer, Johann N., to Johann Nicolaas Raubenheimer. Random steering device for a submerged suction cleaning head. 4,521,933, 6-11-85, Cl. 15-1.700.
- Raubenheimer, Johann N., to Peacock Investments (Proprietary) Limited. Suction cleaners. 4,536,908, 8-27-85, Cl. 15-1.700.
- Raubenheimer, Johann N., to Peacock Investments (Proprietary) Limited. Steering device for a suction cleaning appliance. 4,550,463, 11-5-85, Cl. 15-1.700.
- Raubenheimer, Johann N., to Peacock Investments (Proprietary) Limited. Wheeled suction cleaners. 4,560,418, 12-24-85, Cl. 134-18.000.
- Rauch, Burton S., to Allied Corporation. Coupling arrangement for driving and driven members. 4,530,674, 7-23-85, Cl. 464-75.000.
- Rauch, Cloyd D., III; and Schneberger, Ronald W., to Rundel Products, Inc. Package and storage container for diskettes. 4,518,275, 5-21-85, Cl. 402-80.00P.
- Rauch, Gary C.; and Krause, Robert F., to Westinghouse Electric Corp. Transformer with ferromagnetic circuits of unequal saturation inductions. 4,520,335, 5-28-85, Cl. 336-212.000.
- Rauch, Gary C.: *See—*
  - Krause, Robert F.; Rauch, Gary C.; and Kasner, William H., 4,535,218, Cl. 219-121.0LH.
- Rauch, Hans, to Claas Saulgau GmbH. Grinding arrangement for chopping cutter of drum-chopper machine. 4,495,734, 1-29-85, Cl. 51-249.000.
- Rauch, Hans: *See—*
  - Fassel, Reinhard; Meier, Werner; Rauch, Hans; Wesemeyer, Jurgen; and Raddant, Hans-Joachim, 4,514,670, Cl. 318-467.000.
- Rauch, Hans G. Hydro-current energy converter. 4,524,285, 6-18-85, Cl. 290-43.000.
- Rauch, Hubert: *See—*
  - Lehmann, Klaus; Dreher, Dieter; Rauch, Hubert; and Siol, Werner, 4,520,172, Cl. 525-369.000.
  - Quis, Peter; Siol, Werner; Buechse, Joachim; and Rauch, Hubert, 4,558,084, Cl. 524-294.000.
  - Siol, Werner; Rauch, Hubert; and Fleck, Guenter, 4,535,137, Cl. 526-216.000.
  - Siol, Werner; Klesse, Wolfgang; Suetterlin, Norbert; and Rauch, Hubert, 4,539,361, Cl. 524-458.000.
- Rauch, Kurt: *See—*
  - Coch, Lester; and Rauch, Kurt, 4,514,093, Cl. 366-138.000.
- Rauch, Werner: *See—*
  - Hahn, Alfred; Rauch, Werner; and Barthelmes, Norbert, 4,542,521, Cl. 378-155.000.
- Rauch, William H. Fishing line loader apparatus. 4,540,136, 9-10-85, Cl. 242-106.000.
- Rauchle, Kurt: *See—*
  - Metz, Gunter; and Rauchle, Kurt, 4,505,914, Cl. 514-255.000.
- Rauchle, Wilfried: *See—*
  - Thiemann, Karl-Heinz; Weinert, Hans-Juergen; and Rauchle, Wilfried, 4,562,121, Cl. 428-607.000.
- Raudat, John L.; and Thompson, Timothy H., to Standard-Knapp, Inc. Article grouper for case packer. 4,552,261, 11-12-85, Cl. 198-425.000.
- Raudat, John L.: *See—*
  - Bauers, Barton M.; Raudat, John L.; Ehlers, Raymond C.; and Thompson, Timothy H., 4,522,011, Cl. 53-55.000.
- Raudenbusch, Werner T.: *See—*
  - Barnhoorn, Adrianus J. M.; and Raudenbusch, Werner T., 4,491,611, Cl. 427-386.000.
- Raudys, Vytas: *See—*
  - Kupcikevicius, Vytautas; and Raudys, Vytas, 4,551,884, Cl. 17-49.000.
- Raudys, Vytas A., to Union Carbide Corporation. Article for use in automatically and continuously making stuffed casing products. 4,525,895, 7-2-85, Cl. 17-1.00R.
- Raue, Roderich, to Bayer Aktiengesellschaft. 3H-indol-2-yl cationic hydrazone dyestuffs. 4,496,719, 1-29-85, Cl. 548-455.000.

Raue, Roderich; Huhne, Volker; and Kuhlthau, Hans-Peter, to Bayer Aktiengesellschaft. Preparation of cationic methine dyestuffs. 4,513,142, 4-23-85, Cl. 548-507.000.

Raue, Roderich; Kuhlthau, Hans-Peter; and Lehment, Klaus-Friedrich, to Bayer Aktiengesellschaft. Process for the preparation of cationic methine dyestuffs. 4,542,223, 9-17-85, Cl. 548-455.000.

Raue, Roderich; and Kuhlthau, Hans-Peter, to Bayer Aktiengesellschaft. Process for preparing cationic methine dyestuffs. 4,542,224, 9-17-85, Cl. 548-455.000.

Raue, Roderich: *See—*

Brinkwerth, Wolfgang; Huffer, Wolfgang; Raue, Roderich; Schieder, Rudolf; and Telle, Helmut, 4,551,265, Cl. 252-301.170.

Rauf, Richard; Pav, Josef; and Scholl, Klaus, to Kleinewefers GmbH. Roll for use in calenders or the like. 4,514,887, 5-7-85, Cl. 29-116.0AD.

Raufast, Charles, to BP Chimie Societe Anonyme. Process for the bottom drainage of a fluid-bed polymerization reactor. 4,495,337, 1-22-85, Cl. 526-88.000.

Rauleder, Gebhard; Waldmann, Helmut; Bottenbruch, Ludwig; Traenckner, Hans-Joachim; and Gau, Wolfgang, to Bayer Aktiengesellschaft. Process for the preparation and isolation of polyglycidyl compounds. 4,562,274, 12-31-85, Cl. 549-525.000.

Raulin, Jean M.; and Bonnerot, Georges, to Telecommunications Radioelectriques et Telephoniques T.R.T. Transmission system using differential pulse code modulation with adaptive prediction. 4,520,491, 5-28-85, Cl. 375-27.000.

Rauma-Repola Oy: *See—*

Drockila, Kalevi, 4,516,526, Cl. 118-697.000.

Jaakonmaki, Matti; and Raura, Pentti, 4,492,343, Cl. 241-95.000.

Jaakonmaki, Matti; and Raura, Pentti, 4,493,352, Cl. 144-162.00R.

Jaakonmaki, Matti; and Raura, Pentti, 4,494,587, Cl. 144-162.00R.

Punakivi, Tapio, 4,545,503, Cl. 220-345.000.

Tuomi, Alpo, 4,529,479, Cl. 162-29.000.

Rauneker, Josef, to Daimler-Benz Aktiengesellschaft. Drive axle for a motor vehicle. 4,511,012, 4-16-85, Cl. 180-65.200.

Raupak Oy: *See—*

Fornas, Mikael; Sipila , Raimo; and Lehto, Altti, 4,539,027, Cl. 55-378.000.

Raupuk, Milton W., Jr.; and Pennington, Edward M., to United States of America, Navy. Automatic vacuum urinal flush mechanism. 4,520,513, 6-4-85, Cl. 4-302.000.

Raura, Pentti: *See—*

Jaakonmaki, Matti; and Raura, Pentti, 4,492,343, Cl. 241-95.000.

Jaakonmaki, Matti; and Raura, Pentti, 4,493,352, Cl. 144-162.00R.

Jaakonmaki, Matti; and Raura, Pentti, 4,494,587, Cl. 144-162.00R.

Raus, Robert W.; and Stewart, Sam E., to Xerox Corporation. Connector latch. 4,544,225, 10-1-85, Cl. 339-91.00R.

Rausch, John J.; and Novy, Russell F., to Material Sciences Corporation; Van Thyne, Ray J.; and Rausch, John J. Process for surface diffusing steel products in coil form. 4,526,817, 7-2-85, Cl. 427-431.000.

Rausch, Karl W., Jr.: *See—*

Chen, Augustin T.; Onder, Kemal; and Rausch, Karl W., Jr., 4,562,228, Cl. 525-66.000.

Rausch, Paul G., to Celtite, Inc. Cartridge containing multiple areas of a multi-component mix and method of making the same. 4,497,403, 2-5-85, Cl. 206-219.000.

Rausch, Roger A., to Honeywell Inc. Electro-mechanical anti-tampering device for electric meters. 4,542,337, 9-17-85, Cl. 324-110.000.

Rausch, Werner; and Muller, Gerhard, to Metallgesellschaft Aktiengesellschaft. Method of electrodepositing zinc on steel prior to phosphating. 4,547,269, 10-15-85, Cl. 204-34.000.

Rausch, Werner: *See—*

Jorns, Peter; Meyer, Norbert; Rausch, Werner; Rothkegel, Josef; Luckhardt, Gunther; and Volling, Gudrun, 4,559,087, Cl. 14[illegible]-6.15Z.

Rauscher, Arthur L. Transparent holder. 4,530,178, 7-23-85, Cl. 43-26.000.

Rauscher, Christen. Transistor oscillator/frequency doubler with optimized harmonic feedback. 4,518,931, 5-21-85, Cl. 331-76.000.

Rauscher, Christen: *See—*

Taylor, Henry F.; Goldberg, Lew; Rauscher, Christen; and Weller, Joseph F., 4,503,403, Cl. 331-37.000.

Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, to Boehringer Mannheim GmbH. Process and reagent for the determination of α-amylase. 4,544,631, 10-1-85, Cl. 435-14.000.

Rauscher, Walter: *See—*

Michel, Herbert; Rauscher, Walter; and Reichelt, Achim, 4,541,159, Cl. 29-418.000.

Rauschert, William C.; and Oswald, Leo A., to Owens-Corning Fiberglas Corporation. Apparatus for handling split-batt rolls. 4,512,530, 4-23-85, Cl. 242-67.30R.

Rauser, Jan A. I.; and Cetrelli, Renato, to Tetra Pak International AB. Packing container with a crack-resistant laminate. 4,511,078, 4-16-85, Cl. 229-17.00R.

Rauser, Marita: *See—*

Rausing, Hans; and Rauser, Marita, 4,560,570, Cl. 426-564.000.

Rausing, Anders R., to Tetra Pak Developpement S.A. Extruded longitudinal joint. 4,512,838, 4-23-85, Cl. 156-203.000.

Rausing, Anders R.; and Nilsson, Erling I., to Tetra Pak Developpement S.A. Method for the manufacture of packing containers and an arrangement for the realization of the method. 4,557,888, 12-10-85, Cl. 264-230.000.

Rausing, Hans, to Tetra Pak Developpement S.A. Method for manufacturing a tube package. 4,512,832, 4-23-85, Cl. 156-86.000.

Rausing, Hans; and Rauser, Marita, to Tetra Pak Developpement S.A. Method for the preparation of a porous, solid or semisolid food product based on ground fish or meat raw materials. 4,560,570, 12-24-85, Cl. 426-564.000.

Rausing, Hans A., to Tetra Pak International AB. Filler on packing machines. 4,541,463, 9-17-85, Cl. 141-147.000.

Rausing, Hans A., to Tetra Pak Developpement S.A. Method for the preparation and packing of food products, in particular fish products, of long keeping quality. 4,560,567, 12-24-85, Cl. 426-399.000.

Raussendorf, Gerhard: *See—*

Raussendorf, Horst; and Raussendorf, Gerhard, 4,506,920, Cl. 289-8.000.

Raussendorf, Horst; and Raussendorf, Gerhard, to VEB Kombinat Fortschritt Landmaschinen. Knotter for baling machine. 4,506,920, 3-26-85, Cl. 289-8.000.

Rautakoura, Timo, to Varpaja Oy. Support tube for a tubular assembly and method for the manufacture thereof. 4,493,579, 1-15-85, Cl. 403-237.000.

Rautenbach, Robert: *See—*

Munschenborn, Dieter; and Rautenbach, Robert, 4,522,342, Cl. 241-57.000.

Rautenberg, Karl, to Forsheda AB. Mold for manufacturing an annular object of elastic material. 4,519,567, 5-28-85, Cl. 249-57.000.

Rautenberg, Lutz: *See—*

Kaeufer, Helmut; Rautenberg, Lutz; and Pahl, Joachim, 4,514,351, Cl. 264-210.200.

Rautenstrauch, Valentin, to Firmenich SA. Process for the preparation of alkylated cyclopentenones. 4,499,297, 2-12-85, Cl. 560-231.000.

Rauter, Jurgen: *See—*

Maurer, Dieter; Rauter, Jurgen; and Dziuba, Peter, 4,536,003, Cl. 280-95.00R.

Rauterberg, Ulf: *See—*

Kimpel, Rolf-Dieter; Rauterberg, Ulf; and Tamm, Horst, 4,509,025, Cl. 335-85.000.

Rauthmann, Axel; and Pietsch, Harry, to Ford Motor Company. Spare wheel arrangement in motor cars. 4,533,169, 8-6-85, Cl. 296-37.200.

Rautimo, Pertti V.: *See—*

Pelto-Huikko, Raimo K.; Ahlman, Esko A. O.; and Rautimo, Pertti V., 4,553,610, Cl. 173-1.000.

Rautio, Kauko. Cutter for square timber hewing machine. 4,499,934, 2-19-85, Cl. 144-176.000.

Raval, Claude: *See—*

Thomas, Jacques; and Raval, Claude, 4,542,825, Cl. 206-363.000.

Ravasz, Laszlo: *See—*

Vajda, Gabor; Ravasz, Laszlo; Karacsonyi, Bela; and Tabajdi, Gabor, 4,493,853, Cl. 426-582.000.

Ravaux, Gilles: *See—*

Dubois, Jean-Claude; Ravaux, Gilles; and Le Barny, Pierre, 4,545,921, Cl. 252-299.620.

Rave, Roderich, to Bayer Aktiengesellschaft. Cationic polyazo dyestuffs, their stable solutions, their preparation, and their use. 4,502,862, 3-5-85, Cl. 8-437.000.

Raveling, Hermann: *See—*

Smutek, Gerhard; and Raveling, Hermann, 4,560,796, Cl. 564-104.000.

Raven, Cornelis W.: *See—*

Paerels, Gerard B.; and Raven, Cornelis W., 4,550,205, Cl. 564-166.000.

Raven, Johannes G.: *See—*

vanBuul, Marinus C. W.; Raven, Johannes G.; and van de Ven, Wilhelmus H. C. A., 4,492,976, Cl. 358-11.000.

Veendrick, Hendrikus J. M.; Pfennings, Leonardus C. M. G.; Raven, Johannes G.; and Nillesen, Antonius H. H. J., 4,513,388, Cl. 364-736.000.

Ravenel, Bruce: *See—*

Palmer, John; Ravenel, Bruce; and Nave, Rafi, 4,509,144, Cl. 364-900.000.

Ravet, Jean-Paul: *See—*

Bolongeat-Mobleu, Roger; Busin, Thierry; and Ravet, Jean-Paul, 4,562,321, Cl. 200-148.00A.

Jacquemet, Bernard; and Ravet, Jean-Paul, 4,546,223, Cl. 200-148.00R.

Ravich, Alexandr S.: *See—*

Potapkin, Viktor F.; Morozov, Igor A.; Fedorinov, Vladimir A.; and Ravich, Alexandr S., 4,541,263, Cl. 72-243.000.

Ravid, Amotz: *See—*

Hoag, Ethan D.; and Ravid, Amotz, 4,552,439, Cl. 350-610.000.

Ravinale, Stefano; and Vernocchi, Vittorio, to Officine Savio S.p.A.; and Fag Italiana S.p.A. Isostatic device to provide rolling and support with revolvable bodies, such as a rotatable ring. 4,548,518, 10-22-85, Cl. 384-490.000.

Ravindram, Maddury; and Kalvinskas, John J., to United States of America, National Aeronautics and Space Administration. Fluidized bed desulfurization. 4,511,362, 4-16-85, Cl. 44-1.0SR.

Ravinet, Pierre; and Micheron, Francois, to Thomson-CSF. Manufacturing an active suspension electromechanical transducer. 4,518,555, 5-21-85, Cl. 264-292.000.

Ravinet, Pierre; Claudepierre, Christian; Guillou, Denis; and Micheron, Francois, to Thomson-CSF. Electroacoustic transducer of the piezoelectric polymer type. 4,535,205, 8-13-85, Cl. 179-110.00A.

Ravinet, Pierre: *See—*

Broussoux, Dominique; Facoetti, Hugues; Ravinet, Pierre; Bernard, Daniel; and Micheron, Francois, 4,500,377, Cl. 156-164.000.

Ravizza, Raymond F., to Ampex Corporation. Method of operating a signal reproduction apparatus for effecting synchronous reproduction of recorded signals. 4,494,153, 1-15-85, Cl. 358-324.000.

Ravizza S.p.A.: *See—*

Mauri, Francesco, 4,511,510, Cl. 260-239.30D.

Ravn, Jacob: *See—*

Connor, John T.; Halsted, Charles P.; and Ravn, Jacob, 4,511,044, Cl. 209-522.000.

Ravner, Harold: *See—*

Bernett, Marianne K.; Weber, David C.; and Ravner, Harold, 4,526,832, Cl. 428-336.000.

Ravreby, F. A.: *See—*

Kirkpatrick, Harold B.; Ravreby, Fred A.; and Richbourg, Henry L., 4,498,467, Cl. 128-90.000.

Ravreby, Fred A.: *See—*

Kirkpatrick, Harold B.; Ravreby, Fred A.; and Richbourg, Henry L., 4,498,467, Cl. 128-90.000.

Rawlings, David L., to International Hydron Corporation. Retaining means for device for centrifugally casting symmetrical or asymmetrical articles. 4,516,924, 5-14-85, Cl. 425-434.000.

Rawlings, David L.; and Glick, Robert E., to International Hydron Corporation. Device and method for centrifugally casting articles. 4,517,138, 5-14-85, Cl. 264-2.100.

Rawlings, David L.; and Glick, Robert E., to International Hydron Corporation. Device and method for centrifugally casting articles on a continuous basis. 4,517,139, 5-14-85, Cl. 264-2.100.

Rawlings, David L., to International Hydron Corporation. Device and method for centrifugally casting articles. 4,517,140, 5-14-85, Cl. 264-2.100.

Rawlings, David L., to International Hydron Corporation. Device for centrifugally casting articles. 4,551,086, 11-5-85, Cl. 425-425.000.

Rawlings, David L.: *See—*

Dillon, Michael A.; and Rawlings, David L., 4,534,723, Cl. 425-289.000.

Rawlings, Derek A.: *See—*

Brown, Thomas H.; and Rawlings, Derek A., 4,540,699, Cl. 514-272.000.

Rawlings, Herbert L., to Mobay Chemical Corporation. Reinforced polyester composition having an improved strength. 4,533,679, 8-6-85, Cl. 523-204.000.

Rawlings, John P.: *See—*

Partin, James R.; and Rawlings, John P., 4,538,673, Cl. 165-45.000.

Rawlings, Robert L.: *See—*

McGill, Eugene C.; and Rawlings, Robert L., 4,538,982, Cl. 431-202.000.

McGill, Eugene C.; and Rawlings, Robert L., 4,559,006, Cl. 431-3.000.

Rawlins, Charles B., to Aluminum Company of America. Vibration damper. 4,523,053, 6-11-85, Cl. 174-42.000.

Rawlins, Dal M.: *See—*

Butkiewicz, Joseph M.; Brundage, Richard B.; and Rawlins, Dal M., 4,491,047, Cl. 83-817.000.

Rawls, H. Ralph: *See—*

Gettleman, Lawrence; Farris, Charles L.; Rawls, H. Ralph; and LeBouef, Ralph J., Jr., 4,543,379, Cl. 523-120.000.

Rawls, Henry R.; Querens, Allan E.; and Zimmerman, Barbara F. Interpolymeric resin for treatment of teeth. 4,515,910, 5-7-85, Cl. 523-115.000.

Rawson Control Systems Inc.: *See—*

Lorenc, Allan L.; and Maring, Thomas L., 4,505,472, Cl. 272-1.00C.

Lorence, Allan L.; Maring, Thomas L.; and Rawson, James L., deceased, 4,492,372, Cl. 272-1.00C.

Rawson, Eric G.; Murray, Hallam G.; Schmidt, Ronald V.; and Stewart, Lawrence C., to Xerox Corporation. Statistical contention control for star configured communication networks. 4,531,238, 7-23-85, Cl. 455-601.000.

Rawson, James L., deceased: *See—*

Lorence, Allan L.; Maring, Thomas L.; and Rawson, James L., deceased, 4,492,372, Cl. 272-1.00C.

Rawson, William E., to Gas Conditioning Industries, Inc. Method of dehydrating natural gas. 4,518,396, 5-21-85, Cl. 48-196.00R.

Ray, Asit K., to International Business Machines Corporation. Technique for thin insulator growth. 4,510,172, 4-9-85, Cl. 427-38.000.

Ray-Chaudhuri, Dilip K.: *See—*

Rossi, Robert D.; and Ray-Chaudhuri, Dilip K., 4,510,324, Cl. 564-82.000.

Rossi, Robert D.; and Ray-Chaudhuri, Dilip K., 4,532,270, Cl. 523-176.000.

Schoenberg, Jules E.; Flanagan, Thomas P.; and Ray-Chaudhuri, Dilip K., 4,535,140, Cl. 526-329.000.

Ray, Claude; and Schaeren, Walter, to Asuag-SSIH. Watch case having synthetic material seals between detachable parts thereof. 4,545,688, 10-8-85, Cl. 368-291.000.

Ray, Clifford H., to Fairfield Industries, Inc. Stacked marine seismic source. 4,493,061, 1-8-85, Cl. 367-23.000.

Ray, David B., to Versatile Equipment Co., Inc. Exercise or therapy device or apparatus. 4,542,900, 9-24-85, Cl. 272-134.000.

Ray, David J., to Becton, Dickinson and Company. Transducer selecting system. 4,506,551, 3-26-85, Cl. 73-660.000.

Ray, Donald L.: *See—*

Stout, Garry A.; and Ray, Donald L., 4,531,028, Cl. 200-38.00R.

Ray, Francis M.: *See—*

Lange, Howard G.; and Ray, Francis M., 4,493,166, Cl. 51-100.00R.

Ray, Frank L. Rotary metering and dispensing apparatus. 4,496,075, 1-29-85, Cl. 221-235.000.

Ray, Glen, to Allen-Bradley Company. Magnetically biased inductor. 4,491,819, 1-1-85, Cl. 336-110.000.

Ray, Harold T.: *See—*

Connolly, Walter L.; and Ray, Harold T., 4,545,231, Cl. 72-335.000.

Ray, Hugh C. Underwear. 4,554,685, 11-26-85, Cl. 2-403.000.

Ray, Isaac. Entrance dust arrester. 4,551,879, 11-12-85, Cl. 15-301.000.

Ray, James M.; and McConnell, Thomas M., to Ray-McConnell, Inc. Proximal tibial cuff. 4,557,258, 12-10-85, Cl. 128-87.00R.

Ray, Jeremiah B.: *See—*

Marshall, Charles A.; and Ray, Jeremiah B., 4,516,968, Cl. 604-174.000.

Ray, Joe R., to Noble Automated Systems, Inc. Method of and apparatus for preventing segregation of aggregate. 4,520,918, 6-4-85, Cl. 198-640.000.

Ray, Joe R., to Noble Automated Systems, Inc. Variable stroke drive mechanism. 4,520,920, 6-4-85, Cl. 198-761.000.

Ray, John M., III; and M[illegible]tin, Robert J., to General Electric Company. Walsh function [illegible] tone detector. 4,499,550, 2-12-85, Cl. 364-606.000.

Ray, K. Bruce: *See—*

Miller, Richard [illegible] Ray, K. Bruce, 4,545,396, Cl. 137-78.300.

Ray, Lynn L. Racke[illegible]ger and tensioner. 4,494,752, 1-22-85, Cl. 273-73.00A.

Ray-McConnell, Inc.: *See—*

Ray, James M.; and McConnell, Thomas M., 4,557,258, Cl. 128-87.00R.

Ray, Ranjan, to Allied Corporation. Method for making metallic glass powder. 4,523,621, 6-18-85, Cl. 164-46.000.

Ray, Richard C., to AT&T Bell Laboratories. Power failure alarm circuit permitting orderly shutdown of microprocessor load. 4,516,214, 5-7-85, Cl. 364-483.000.

Ray, Richard C., to AT&T Bell Laboratories. Buck-boost converter with dual-mode control for battery charging. 4,536,696, 8-20-85, Cl. 320-21.000.

Ray, Robert: *See—*

Neal, Robert; and Ray, Robert, 4,529,087, Cl. 206-328.000.

Ray, Robert W.; and Pierce, Rex G., to Caterpillar Tractor Co. Method and apparatus for abrasively machining a workpiece. 4,514,934, 5-7-85, Cl. 51-165.00R.

Ray, Roger C.: *See—*

Banks, Edwin R.; Ray, Roger C.; and Dale, Paul B., 4,538,225, Cl. 364-200.000.

Ray, Siba P.: *See—*

Weyand, John D.; Woods, Robert W.; DeYoung, David H.; and Ray, Siba P., 4,500,406, Cl. 204-293.000.

Ray, Thomas E.: *See—*

Hoenstine, James M.; and Ray, Thomas E., 4,552,539, Cl. 441-66.000.

Ray, Valton O.; Roeland, Robert H.; Potter, Carl H.; and Szmuilowicz, Yehuda I., to Allied Corporation. Filament quenching apparatus. 4,492,557, 1-8-85, Cl. 425-72.00S.

Ray, Walter W., Jr.: *See—*

Brunson, Amber N.; Brunson, Deighton E.; and Ray, Walter W., Jr., 4,549,277, Cl. 364-559.000.

Ray, William C., to Allis-Chalmers Corporation. Hose tensioning device. 4,553,638, 11-19-85, Cl. 187-9.00E.

Raybuck, William B., to Trimmer Machine Co., Inc. Method and apparatus for aligning and trimming overlapped signatures. 4,511,131, 4-16-85, Cl. 270-54.000.

Rayburn, Charles C., to Illinois Tool Works Inc. Method of making capacitive structures. 4,531,268, 7-30-85, Cl. 29-25.420.

Rayburn, Charles C.; Padgitt, Howard R.; and Flair, Henry J., to Illinois Tool Works Inc. Optical selective demetallization apparatus. 4,533,813, 8-6-85, Cl. 219-121.0LH.

Rayburn, Charles C., to Illinois Tool Works Inc. Capacitive device and method of packaging that device. 4,535,381, 8-13-85, Cl. 361-308.000.

Raychaudhuri, Dipankar, to RCA Corporation. Time division multiple access communication systems. 4,504,946, 3-12-85, Cl. 370-95.000.

Raychaudhuri, Dipankar; and Schiff, Leonard N., to RCA Corporation. Distortion reducer for companded analog systems. 4,536,846, 8-20-85, Cl. 364-514.000.

Raychem Corporation: *See—*

Allen, Leslie J., 4,496,094, Cl. 228-56.000.

Arrington, John P., 4,504,114, Cl. 350-96.340.

Beals, Penny L.; Simon, Phyllis M.; and Campbell, Bruce D., 4,557,550, Cl. 350-96.150.

Cameron, John K., 4,497,527, Cl. 339-30.000.

Campbell, Bruce D.; and Fentress, Vernon A., 4,498,732, Cl. 350-96.200.

Chazan, David; and Katila, Michael J., 4,517,449, Cl. 219-549.000.

Chazan, David; and Katila, Michael J., 4,548,662, Cl. 156-86.000.

Cheng, Tai C.; and McKinley, Bruce A., 4,514,620, Cl. 219-553.000.

Clarke, Raymond, 4,505,542, Cl. 350-96.330.

Claunch, Carney P., II; Kridl, Thomas A.; and Gamarra, Jose P., 4,532,164, Cl. 428-36.000.

Cornelius, Rajendra S.; Martin, Albert R.; Lunk, Hans E.; and Mendenhall, Mark D., 4,499,438, Cl. 333-1.000.

Duerig, Tom; and Melton, Keith, 4,502,896, Cl. 148-11.50F.

Flot, Regis; and Hine, Jean Patrick, 4,510,827, Cl. 81-9.400.

Fouts, Robert W., Jr.; Au, Andrew N. S.; Miller, Burton E.; and Gotcher, Alan J., 4,545,926, Cl. 252-511.000.

Franckx, Joris R. I.; Mendes, Luiz N.; Van Noten, Lodewijk; and Touchais, Thierry, 4,560,828, Cl. 174-71.00R.

Frank, Louis M., 4,520,417, Cl. 361-45.000.

Gen, Tamar G.; and Cydzik, Edward A., 4,505,421, Cl. 228-224.000.

  - Hine, Jean-Patrick; and McGaffigan, Thomas H., 4,505,532, Cl. 339-75.00M.
  - Holt, Neil L., 4,553,809, Cl. 339-275.00T.
  - Horsma, David A.; Lyons, Bernard J.; and Smith-Johannsen, Robert, 4,543,474, Cl. 219-553.000.
  - Horsma, David A.; and Hammack, Teddy J., 4,560,498, Cl. 252-511.000.
  - Kridl, Thomas A.; Claunch, Carney P., II; and Bjornstrom, Ann O., 4,499,129, Cl. 428-36.000.
  - Kridl, Thomas A.; and Claunch, Carney P., II, 4,512,833, Cl. 156-94.000.
  - Kruger, Franz J., 4,556,617, Cl. 429-196.000.
  - Kruger, Franz J.; and Szalvay, Laszlo, 4,559,283, Cl. 429-174.000.
  - Larsson, Peter L.; and Clabburn, Robin J. T., 4,518,819, Cl. 174-78.000.
  - Larsson, Peter L., 4,551,915, Cl. 29-858.000.
  - Leary, David F., 4,529,866, Cl. 219-205.000.
  - Leary, David F.; and Brigham, Alan, 4,547,659, Cl. 219-544.000.
  - McGaffigan, Thomas H.; and Kent, Harold B., 4,522,457, Cl. 339-30.000.
  - McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,542,365, Cl. 338-20.000.
  - McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,549,161, Cl. 338-20.000.
  - McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,550,301, Cl. 338-20.000.
  - Melton, Keith N., 4,533,411, Cl. 148-402.000.
  - Moisson, Marc F.; and Wisecarver, Martin L., 4,537,466, Cl. 350-96.200.
  - Morgan, Robert K.; and Yaeger, John R., 4,524,343, Cl. 337-140.000.
  - Morrow, Danny G.; and Oiwa, Thomas Y., 4,538,053, Cl. 219-541.000.
  - Naffrechoux, Etienne; and Delfosse, Thierry, 4,541,203, Cl. 49-485.000.
  - Penneck, Richard J., 4,521,549, Cl. 523-173.000.
  - Pieslak, George; and Wallace, Barnie A., Jr., 4,533,419, Cl. 156-85.000.
  - Pokojny, Rudolf; and Larsson, Peter L., 4,533,788, Cl. 174-88.00C.
  - Quin, Mary P., 4,505,767, Cl. 148-402.000.
  - Read, Michael R.; and Corke, Nicholas T., 4,517,340, Cl. 525-113.000.
  - Rhodes, Thomas R., 4,506,259, Cl. 340-640.000.
  - Rinde, James A.; Lopez, Eugene F.; and Glover, Leon C., 4,507,340, Cl. 428-36.000.
  - Siden, Dennis C., 4,544,802, Cl. 174-68.500.
  - Sonnenberg, Joseph, 4,535,170, Cl. 548-462.000.
  - Stewart, Ray F.; Masia, Michael; and Macknick, Albert B., 4,502,929, Cl. 204-147.000.
  - Tomlinson, Andrew; and Taylor, James M., 4,562,313, Cl. 179-175.000.
  - Tondre, Stephen L.; and Lunk, Hans E., 4,521,485, Cl. 428-383.000.
  - Toy, Lester T., 4,497,926, Cl. 524-271.000.
  - Toy, Lester T., 4,523,970, Cl. 156-244.110.
  - Toy, Lester T., 4,536,445, Cl. 428-349.000.
  - Tucker, Donald, 4,538,020, Cl. 174-65.00R.
  - van Konynenburg, Peter H.; Lyons, Bernard J.; Smith-Johannsen, Robert; and Moyer, Wendell W., 4,534,889, Cl. 252-511.000.
  - Vogdes, Christine E., 4,540,727, Cl. 524-83.000.
  - Yaeger, John R.; and Morgan, Robert K., 4,490,975, Cl. 60-527.000.
  - Yaeger, John R.; and Morgan, Robert K., 4,551,974, Cl. 60-527.000.
  - Yaeger, John R.; and Morgan, Robert K., 4,559,512, Cl. 337-140.000.
  - Zukosky, Mimzee; and Dieck, Ronald L., 4,525,531, Cl. 525-92.000.
- Raychem Limited: *See—*
  - Davis, Frederick J.; and Peacock, Donald G., 4,496,410, Cl. 156-84.000.
  - McLoughlin, Robert H.; and Kirkham, Stanley W., 4,496,616, Cl. 428-36.000.
- Raychem Pontoise S.A.: *See—*
  - Dones, Roberto; and Street, David G., 4,504,699, Cl. 174-84.00R.
  - Lionnet, Richard, 4,514,031, Cl. 339-205.000.
- Raycon Corporation: *See—*
  - MacGregor, John R.; Rupert, Gary F.; and Kennedy, Thomas M., 4,510,365, Cl. 219-69.00G.
  - McGregor, John R.; Rupert, Gary F.; and Kennedy, Thomas M., 4,495,394, Cl. 219-69.00C.
- Raydex International Limited: *See—*
  - McDonald, Neil, 4,514,036, Cl. 350-96.230.
- Rayfield, James F.: *See—*
  - Musser, Glenn A.; Rayfield, James F.; and Pucher, Richard A., 4,512,139, Cl. 56-11.200.
- Rayfield, Wilson P.; Peter, Emmett B., III; and Shultz, Richard E., to Burroughs Corporation. Oscillating wheel paper item stacking apparatus. 4,500,085, 2-19-85, Cl. 271-207.000.
- Rayfield, Wilson P.: *See—*
  - Lance, Wayne E.; and Rayfield, Wilson P., 4,498,757, Cl. 355-3.0FU.
- Rayl, Martin: *See—*
  - Whitley, George J.; and Rayl, Martin, 4,513,493, Cl. 29-566.300.
  - Whitley, George J.; Rayl, Martin; and Squire, William, 4,520,549, Cl. 29-566.300.
- Raymark Industries, Inc.: *See—*
  - Santoso, Muljadi; and Anderson, John N., 4,530,881, Cl. 428-421.000.
- Raymond, A.: *See—*
  - Andre, Guy, 4,505,006, Cl. 24-16.0PB.
- Raymond Corporation, The: *See—*
  - Adams, Walter P., 4,547,844, Cl. 364-189.000.
  - Allen, Ralph E.; and Gibson, Christian D., 4,496,031, Cl. 187-9.00R.
  - Burbank, Charles H.; and Lewis, Robert J., 4,534,433, Cl. 180-19.100.
  - McCormick, Edward J., 4,527,943, Cl. 414-666.000.
- Raymond, Eugene T.: *See—*
  - Kilner, Jerome R.; Raymond, Eugene T.; and Warren, Steven M., 4,493,509, Cl. 303-13.000.
- Raymond, Gary E. Dispenser means for rolled sheet materials. 4,535,664, 8-20-85, Cl. 83-162.000.
- Raymond, Glendon A., to Carrier Corporation. Method and apparatus for controlling when to initiate an increase in compressor capacity. 4,494,382, 1-22-85, Cl. 62-160.000.
- Raymond Kaiser Engineers Inc.: *See—*
  - Bucha, Robert M.; Dzermejko, Albert J.; and Stuart, James G., 4,511,264, Cl. 374-135.000.
  - Gidick, Ward F., 4,510,959, Cl. 137-15.000.
- Raymond, Kenneth N.: *See—*
  - Weitl, Frederick L.; and Raymond, Kenneth N., 4,543,213, Cl. 260-239.0BC.
- Raymond, Lambert L.: *See—*
  - Ringdahl, Mark G.; Raymond, Lambert L.; and Scherer, Richard J., 4,516,007, Cl. 219-10.55D.
- Raymond, Laurie: *See—*
  - Jacobson, Bernard; and Raymond, Laurie, 4,534,967, Cl. 424-95.000.
- Raymond, Leonard S., to Southwest Medical Products, Incorporated. Dielectric measuring systems. 4,510,436, 4-9-85, Cl. 324-61.00P.
- Raymond Production Systems Corporation: *See—*
  - Welder, William C., 4,527,685, Cl. 198-339.000.
- Raymond, Robert: *See—*
  - Gerstmann, Joseph; Hauck, William M.; Raymond, Robert; and Swenson, Paul F., Jr., 4,501,253, Cl. 123-527.000.
- Raymond, Roger S., to Delaware. Method for forming structural parts. 4,559,797, 12-24-85, Cl. 72-63.000.
- Raymond, Ronald P.; and Andrick, William C., to Polymer/Raymond Industries, Inc. Filler strip with locking clip. 4,555,885, 12-3-85, Cl. 52-468.000.
- Raymor, Willard E.; and Hedegard, Peter L. Method for washing a fibrous mat. 4,521,255, 6-4-85, Cl. 134-33.000.
- Raynal, Serge F.: *See—*
  - Lecolier, Serge L. M. B.; and Raynal, Serge F., 4,535,135, Cl. 526-174.000.
- Raynaud, Jacques; Darmois, Jean; Jolivet, Pierre; and Guillot, Jean, to Societe Nationale Industrielle et Aerospatiale. System for piloting a missile by means of lateral gaseous jets and missile comprising such a system. 4,531,693, 7-30-85, Cl. 244-52.000.
- Raynaud, Marcel, deceased: *See—*
  - Chermann, Jean-Claude; Jasmin, Claude; Mathe, Georges; Raynaud, Marcel, deceased; and Raynaud, Odette J., heir, 4,547,369, Cl. 424-131.000.
- Raynaud, Odette J., heir: *See—*
  - Chermann, Jean-Claude; Jasmin, Claude; Mathe, Georges; Raynaud, Marcel, deceased; and Raynaud, Odette J., heir, 4,547,369, Cl. 424-131.000.
- Rayner, Adrien P., to Metal Box p.l.c. Aerosol actuator. 4,542,837, 9-24-85, Cl. 222-402.110.
- Rayner, David A.: *See—*
  - Hayhurst, Gordon A.; and Rayner, David A., 4,512,681, Cl. 403-371.000.
- Raynes, Edward P.: *See—*
  - Harrison, Kenneth J.; Raynes, Edward P.; Saunders, Frances C.; and Thompson, David J., 4,496,221, Cl. 350-349.000.
  - Harrison, Kenneth J.; Raynes, Edward P.; Saunders, Frances C.; Thompson, David J.; and Newton, David F., 4,506,957, Cl. 350-349.000.
  - Hilsum, Cyril; and Raynes, Edward P., 4,529,968, Cl. 340-365.00C.
- Raynier, Bernard: *See—*
  - Laruelle, Claude; Lepant, Marcel; and Raynier, Bernard, 4,518,587, Cl. 514-19.000.
- Raynor, Robert J., to Olin Corporation. Selected 2,2,6,6-tetramethyl-4-piperidinyl derivatives and their use as light stabilizers. 4,548,973, 10-22-85, Cl. 524-102.000.
- Rayovac Corporation: *See—*
  - Fleischer, Niles A., 4,503,088, Cl. 427-58.000.
  - Paulson, John W.; and Schulz, David J., 4,524,115, Cl. 429-50.000.
  - Petterson, Tor H., 4,530,040, Cl. 362-188.000.
- Raytheon Company: *See—*
  - Adlerstein, Michael G., 4,536,469, Cl. 430-314.000.
  - Archer, Donald H.; Gilbert, Michael A.; Loomis, Robert H.; and Maybell, Michael J., 4,495,504, Cl. 343-779.000.
  - Armstrong, Bruce G., 4,561,070, Cl. 365-227.000.
  - Ayasli, Yalcin, 4,502,027, Cl. 333-103.000.
  - Ayasli, Yalcin, 4,543,535, Cl. 330-53.000.
  - Barnie, James W.; and Rudko, Robert I., 4,507,788, Cl. 372-83.000.
  - Blight, Ronald E.; and Schloemann, Ernst F. R. A., 4,543,543, Cl. 333-24.100.
  - Derby, Palmer P., 4,495,392, Cl. 219-10.55E.
  - Dionne, Norman J., 4,562,380, Cl. 315-4.000.
  - Dorschner, Terry A., 4,525,028, Cl. 350-377.000.
  - Fabian, Walter, 4,525,919, Cl. 29-571.000.
  - Fassett, Matthew, 4,509,055, Cl. 343-754.000.

- Fassett, Matthew; Toth, John F.; Lewis, Michael L.; and Miccioli, William F., 4,554,549, Cl. 343-700.0MS.
- Fattal, Jean A.; and Roesler, Michael L., 4,536,685, Cl. 318-254.000.
- Feist, Wolfgang M., 4,523,368, Cl. 29-571.000.
- Galani, Zvi; and Waterman, Raymond C., Jr., 4,510,463, Cl. 331-15.000.
- Galani, Zvi; Laton, Richard W.; Waterman, Raymond C., Jr.; and DiBiase, Robert, 4,555,678, Cl. 331-1.00A.
- Geis, Norman P.; and Chambers, Edward A., 4,533,094, Cl. 244-3.220.
- Gentilman, Richard L.; Maguire, Edward A.; and Dolhert, Leonard E., 4,520,116, Cl. 501-98.000.
- Gordon, Bruce E., 4,493,090, Cl. 375-4.000.
- Gray, George G., 4,531,799, Cl. 339-75.00M.
- Gray, George G., Jr., 4,523,145, Cl. 324-158.00F.
- Green, Jerome J., 4,532,704, Cl. 29-600.000.
- Harris, David J.; and Vinn, Charles L., 4,492,954, Cl. 340-347.0DA.
- Harris, David J., 4,506,176, Cl. 307-557.000.
- Heeren, Vernon L., 4,508,168, Cl. 166-248.000.
- Holcombe, Robert R.; Parks, Steven G.; and Brogan, Patrick M., 4,542,708, Cl. 114-243.000.
- Leake, Bernard W., 4,502,028, Cl. 333-109.000.
- Lowenschuss, Oscar, 4,558,282, Cl. 328-14.000.
- Luck, Clarence F., Jr., 4,501,962, Cl. 250-201.000.
- Mehrotra, Deepak; Shaw, Gerard J.; Go, Jok Y.; and Kant, Rajni, 4,512,076, Cl. 29-578.000.
- Mehrotra, Deepak; Kant, Rajni; and Patel, Kishor M., 4,527,115, Cl. 324-73.00R.
- Monser, George J., 4,531,131, Cl. 343-786.000.
- Morrison, Brian D., 4,507,731, Cl. 364-200.000.
- Morrison, Raymond C.; Gleichauf, Paul H., deceased; and Gleichauf, Theresa C., executrix, 4,559,468, Cl. 313-456.000.
- Nicholls, Robin P., 4,539,657, Cl. 365-45.000.
- Pearson, Earl C., Jr.; and Nelson, William, 4,559,537, Cl. 343-7.00A.
- Perlmutter, Michael; and Clampitt, Lawrence L., 4,494,873, Cl. 356-350.000.
- Perlmutter, Michael S.; and Braun, Kenneth H., 4,519,708, Cl. 356-350.000.
- Richards, Gerald P., 4,491,925, Cl. 364-521.000.
- Richards, Gerald P., 4,547,803, Cl. 358-140.000.
- Schloemann, Ernst F. R. A., 4,521,753, Cl. 333-204.000.
- Simon, James F., 4,493,521, Cl. 339-92.00M.
- Simon, James F., 4,531,468, Cl. 114-21.00A.
- Smith, Irl W., 4,504,123, Cl. 350-394.000.
- Smith, Irl W.; and Dorschner, Terry A., 4,548,501, Cl. 356-350.000.
- Sullivan, William B., Jr., 4,535,286, Cl. 324-79.00R.
- Tajima, Yusuke; and Platzker, Aryeh, 4,532,484, Cl. 333-116.000.
- Teich, Wesley W.; and Adamski, Joseph R., 4,507,531, Cl. 219-10.55B.
- Thomas, Calvin J.; and Day, William J., 4,527,049, Cl. 219-449.000.
- Thomas, Calvin J.; and Hurley, James E., 4,555,606, Cl. 219-10.55R.
- Thomas, Calvin J., 4,556,771, Cl. 219-10.55F.
- Torino, Arthur J., Jr.; Bouchard, George A.; and Keane, Philip A., 4,499,466, Cl. 343-7.300.
- Varteresian, Michael G.; and Steele, S. Robert, 4,499,659, Cl. 29-589.000.
- Ward, Charles S.; Laton, Richard W.; and Spada, John A., 4,535,302, Cl. 330-287.000.
- Weldon, Thomas G., 4,495,462, Cl. 324-120.000.
- Raz, Dan, to Electra Mikun (Industries) Ltd. Wheeled lifting apparatus. 4,504,041, 3-12-85, Cl. 254-9.00R.
- Raz, Zeev. Bathroom cabinet. 4,519,656, 5-28-85, Cl. 312-256.000.
- Razavi, Saeid M., to Electro-Craft Corporation. Velocity servo controller. 4,498,037, 2-5-85, Cl. 318-561.000.
- Razdobreev, Vadim. Pneumatic collet release tool. 4,511,295, 4-16-85, Cl. 409-233.000.
- Razi, M. Dean. Cannula introducers. 4,559,041, 12-17-85, Cl. 604-157.000.
- Razumovsky, Mikhail I.: *See—*
  - Gudkin, Timofei S.; Iordanishvili, Evgeny K.; Lidorenko, Nikolai S.; Malkovich, Bella E.; Razumovsky, Mikhail I.; and Rubashov, Igor B., 4,519,389, Cl. 128-303.100.
- Razzacki, Syed T., to Chrysler Corporation. Concentric shift rail mechanism. 4,532,823, 8-6-85, Cl. 74-473.00R.
- RCA Corporation: *See—*
  - Acampora, Alfonse, 4,524,423, Cl. 364-724.000.
  - Acampora, Alfonse, 4,542,475, Cl. 364-724.000.
  - Acampora, Alfonse, 4,553,158, Cl. 358-31.000.
  - Acampora, Alfonse, 4,561,012, Cl. 358-11.000.
  - Adelsen, Edward H.; and Oakley, Charles B., 4,523,220, Cl. 358-12.000.
  - Ader, Joseph R., 4,542,402, Cl. 358-30.000.
  - Alig, Roger T., 4,528,476, Cl. 313-412.000.
  - Altman, Ted N., 4,496,219, Cl. 350-332.000.
  - Altman, Ted N.; and Fedele, Nicola J., 4,544,911, Cl. 340-347.0DA.
  - Altman, Wolf P., 4,554,666, Cl. 372-19.000.
  - Angle, Rodney L., 4,558,339, Cl. 357-23.500.
  - Armer, John, 4,523,292, Cl. 364-786.000.
  - Aschwanden, Felix, 4,491,870, Cl. 358-153.000.
  - Aschwanden, Felix, 4,498,103, Cl. 358-148.000.
  - Aschwanden, Felix, 4,528,527, Cl. 332-19.000.
  - Axelrod, Randolph H.; and Piascinski, Joseph J., 4,562,120, Cl. 428-469.000.
  - Babcock, William E., 4,536,684, Cl. 315-411.000.
  - Balaban, Alvin R.; and Steckler, Steven A., 4,514,760, Cl. 358-143.000.
  - Balaban, Alvin R.; and Steckler, Steven A., 4,517,586, Cl. 358-13.000.
  - Baran, Anthony S., 4,497,848, Cl. 427-106.000.
  - Basile, Philip C., 4,519,074, Cl. 370-124.000.
  - Basile, Philip C., 4,532,433, Cl. 307-241.000.
  - Basile, Philip C., 4,556,881, Cl. 340-825.000.
  - Batterman, Eric P., 4,553,042, Cl. 307-263.000.
  - Battson, Donald F., 4,507,684, Cl. 358-213.000.
  - Bechis, Dennis J.; Chen, Hsing-Yao; and Hughes, Richard H., 4,558,253, Cl. 313-414.000.
  - Becke, Hans W., 4,561,008, Cl. 357-38.000.
  - Bendell, Sidney L., 4,507,679, Cl. 358-55.000.
  - Bendell, Sidney L., 4,521,804, Cl. 358-51.000.
  - Bendell, Sidney L.; and Johnson, Cydney A., 4,532,550, Cl. 358-213.000.
  - Bendell, Sidney L., 4,551,760, Cl. 358-213.000.
  - Berardi, Randal L., 4,507,873, Cl. 33-180.00R.
  - Bernard, Francis S.; Eliscu, Steven M.; and Batterman, Eric P., 4,494,214, Cl. 364-724.000.
  - Bingley, John D., 4,523,429, Cl. 60-203.100.
  - Bismarck, Otto H., 4,502,014, Cl. 328-110.000.
  - Bismarck, Otto H., 4,532,436, Cl. 307-279.000.
  - Blackstone, Scott C.; Jastrzebski, Lubomir L.; and Corboy, John F., Jr., 4,546,375, Cl. 357-23.400.
  - Blatter, Harold; and Amaral, Joseph E. S., 4,544,923, Cl. 340-825.690.
  - Bleacher, John N.; and Cushman, Barry M., 4,515,867, Cl. 428-204.000.
  - Bloom, Stanley, 4,514,658, Cl. 313-402.000.
  - Bolger, Thomas V., 4,500,912, Cl. 358-31.000.
  - Bolger, Thomas V., 4,528,585, Cl. 358-22.000.
  - Bolger, Thomas V., 4,538,178, Cl. 358-166.000.
  - Bolger, Thomas V., 4,543,600, Cl. 358-13.000.
  - Bolger, Thomas V.; and Libbey, Robert L., 4,558,348, Cl. 358-13.000.
  - Bolger, Thomas V., 4,562,456, Cl. 358-13.000.
  - Bolinsky, Henry E.; and Klovensky, Edward J., 4,557,699, Cl. 445-3.000.
  - Botez, Dan, 4,523,316, Cl. 372-45.000.
  - Botez, Dan, 4,523,317, Cl. 372-45.000.
  - Botez, Dan; and Connolly, John C., 4,547,396, Cl. 427-87.000.
  - Bowman, David F., 4,510,469, Cl. 333-21.00R.
  - Bowman, David F., 4,513,292, Cl. 343-795.000.
  - Brauer, Eric A., 4,504,941, Cl. 369-170.000.
  - Brown, Richard, 4,520,561, Cl. 29-840.000.
  - Bunting, Richard M.; and Acampora, Alfonse, 4,498,100, Cl. 358-31.000.
  - Butterwick, Gilbert N., 4,521,713, Cl. 313-378.000.
  - Callen, Patrick J.; and Pierce, Philip R., 4,494,063, Cl. 320-56.000.
  - Callen, Patrick J., 4,560,918, Cl. 323-273.000.
  - Carlin, Donald B., 4,520,471, Cl. 369-112.000.
  - Carlson, Curtis R.; Adelson, Edward H.; and Anderson, Charles H., 4,523,230, Cl. 358-167.000.
  - Carlson, Curtis R., 4,554,585, Cl. 358-209.000.
  - Carlson, David J., 4,555,809, Cl. 455-190.000.
  - Carlson, David J., 4,562,472, Cl. 358-197.000.
  - Cartwright, James M., Jr., 4,495,427, Cl. 307-469.000.
  - Carvalho, John A., 4,540,892, Cl. 307-130.000.
  - Chandrasekhar, Hosekere S., 4,553,318, Cl. 29-577.00C.
  - Chen, Hsing-Yao, 4,513,222, Cl. 313-412.000.
  - Chen, Hsing-Yao, 4,514,659, Cl. 313-412.000.
  - Chen, Hsing-Yao, 4,523,123, Cl. 313-412.000.
  - Chen, Hsing-Yao; and Hughes, Richard H., 4,556,819, Cl. 313-413.000.
  - Chen, John; Huang, Chin; Graves, Nancy D.; and Hicks, James E., 4,562,508, Cl. 361-91.000.
  - Chen, Keming J., 4,543,614, Cl. 358-193.100.
  - Chen, Keming J., 4,544,954, Cl. 358-243.000.
  - Chin, Danny; Batterman, Eric P.; and Bolger, Thomas V., 4,523,221, Cl. 358-21.00R.
  - Chin, Danny, 4,544,944, Cl. 358-28.000.
  - Christopher, Lauren A.; and Sprague, David L., 4,507,725, Cl. 364-724.000.
  - Clark, Raymond N., 4,556,853, Cl. 333-26.000.
  - Clayton, Richard W., 4,560,129, Cl. 248-278.000.
  - Colacello, Michael A.; Fitzke, Emil V.; and Otto, Jack F., 4,561,874, Cl. 65-36.000.
  - Connolly, John C.; and Botez, Dan, 4,523,318, Cl. 372-48.000.
  - Cooper, John C., 4,556,821, Cl. 315-8.000.
  - Cope, Appleton D., 4,528,596, Cl. 358-213.000.
  - Corboy, John F., Jr.; Jastrzebski, Lubomir L.; Blackstone, Scott C.; and Pagliaro, Robert H., Jr., 4,549,926, Cl. 156-612.000.
  - Covey, Robert L.; and Gale, Michael T., 4,523,850, Cl. 356-375.000.
  - Coyle, Peter J., 4,499,996, Cl. 206-444.000.
  - Coyle, Peter J., 4,532,623, Cl. 369-271.000.
  - Crawshaw, Delbert D., 4,498,105, Cl. 358-213.000.
  - Crooks, Horatio N.; and Kelly, Martin J., Jr., 4,541,716, Cl. 356-237.000.
  - Crosby, Edward L., Jr., 4,555,932, Cl. 73-24.000.
  - Crowley, Albert T., 4,516,084, Cl. 331-2.000.
  - Crowley, Albert T., 4,528,523, Cl. 331-10.000.
  - Cunningham, Thomas J., 4,556,265, Cl. 339-17.0LC.
  - Dackow, Paul N., 4,546,487, Cl. 377-51.000.
  - D'Amato, Ralph J., 4,491,764, Cl. 315-3.000.

Datta, Pabitra, 4,512,916, Cl. 252-511.000.
Datta, Pabitra, 4,560,601, Cl. 428-64.000.
D'Augustine, Frank T., 4,521,501, Cl. 430-24.000.
Deal, Samuel B.; and Cushman, Barry M., 4,514,456, Cl. 428-204.000.
Deal, Samuel B.; and Bartch, Donald W., 4,560,581, Cl. 427-64.000.
Deiss, Michael S., 4,495,654, Cl. 455-151.000.
den Hollander, Willem, 4,510,527, Cl. 358-158.000.
Derendinger, Max, 4,550,680, Cl. 118-308.000.
Desai, Nitin V., 4,524,109, Cl. 428-523.000.
Deyer, Craig E., 4,499,588, Cl. 377-42.000.
Deyer, Craig E., 4,513,394, Cl. 364-900.000.
Deyer, Craig E., 4,538,027, Cl. 178-22.010.
Deyer, Craig E., 4,539,654, Cl. 364-900.000.
Dholakia, Anil R., 4,502,135, Cl. 369-170.000.
Dieterich, Charles B., 4,528,513, Cl. 329-145.000.
Dieterich, Charles B., 4,549,228, Cl. 358-342.000.
Dietz, Wolfgang F. W., 4,559,481, Cl. 315-411.000.
DiMarco, Louis A., 4,515,830, Cl. 427-122.000.
Dingwall, Andrew G. F.; and Zazzu, Victor, 4,507,649, Cl. 340-347.0AD.
Dingwall, Andrew G. F., 4,521,703, Cl. 307-530.000.
Dingwall, Andrew G. F.; and Zazzu, Victor, 4,553,132, Cl. 340-347.0DA.
Dion, Donald F.; and Cantella, Michael J., 4,516,167, Cl. 358-160.000.
Dischert, Robert A.; and Topper, Robert J., 4,499,494, Cl. 358-164.000.
Dischert, Robert A.; and Williams, James J., Jr., 4,507,676, Cl. 358-30.000.
Dischert, Robert A.; and Libbey, Robert L., 4,520,396, Cl. 358-167.000.
Dischert, Robert A.; and Meise, William H., 4,538,236, Cl. 364-574.000.
Dischert, Robert A.; Moles, Warren H.; Rhodes, Roland N.; and Walter, James M., 4,550,337, Cl. 358-13.000.
Dischert, Robert A.; and Meise, William H., 4,556,906, Cl. 358-180.000.
Dischert, William A., 4,493,070, Cl. 369-77.200.
Dischert, William A., 4,536,238, Cl. 156-64.000.
Ditty, Lawrence H., 4,517,224, Cl. 427-64.000.
Duschl, Robert A., 4,542,404, Cl. 358-106.000.
Duvall, William E.; and Hwang, Mau-Choung P., 4,500,923, Cl. 358-190.000.
Dwyer, Robert A.; and Gillberg, James E., 4,558,345, Cl. 357-68.000.
Easter, Finis C.; and Aires, Ramon H., 4,504,896, Cl. 363-21.000.
Eide, Daniel L., 4,521,026, Cl. 277-134.000.
Elabd, Hammam, 4,539,596, Cl. 358-213.000.
Ettenberg, Michael, 4,547,876, Cl. 369-275.000.
Fairbanks, David W., 4,513,410, Cl. 369-126.000.
Fairbanks, David W., 4,557,040, Cl. 29-720.000.
Faith, Thomas J., Jr., 4,536,223, Cl. 148-1.500.
Faraone, Lorenzo, 4,494,301, Cl. 29-571.000.
Faulkner, Richard D.; and McDonie, Arthur F., 4,521,715, Cl. 313-531.000.
Faulkner, Richard D.; and Rhoads, James L., 4,554,481, Cl. 313-533.000.
Fernsler, Ronald E.; and Vinekar, Sanjay R., 4,536,794, Cl. 358-158.000.
Filliman, Paul, 4,502,079, Cl. 358-243.000.
Filliman, Paul, 4,513,322, Cl. 358-181.000.
Firester, Arthur H.; and D'Aiello, Robert V., 4,543,171, Cl. 204-129.300.
Fisher, Albert W., 4,520,554, Cl. 29-591.000.
Fitts, Robert W.; and Smith, Edgar M., 4,528,447, Cl. 250-213.0VT.
Fitzgerald, William V., 4,525,739, Cl. 358-190.000.
Fling, Russell T., 4,550,339, Cl. 358-28.000.
Fling, Russell T.; and Willis, Donald H., 4,558,351, Cl. 358-28.000.
Ford, Raymond T.; Brackelmanns, Norbert W.; Wheatley, Carl F., Jr.; and Neilson, John M. S., 4,532,534, Cl. 357-23.400.
Forquer, Timothy J.; and Li, Hungwen, 4,491,915, Cl. 364-200.000.
Fox, Leonard P.; Datta, Pabitra; Matthies, Dennis L.; and Kawamoto, Hirohisa, 4,561,087, Cl. 369-276.000.
Frantz, Keith R.; Barnes, Robert A.; and Marks, Bruce G., 4,535,270, Cl. 315-8.000.
Freeman, Edward J.; Economou, John E.; Pecorari, John G.; John, Gunter; Halter, Jerome B.; James, Jack E.; Castle, Richard M.; and Palmer, Richard C., 4,525,751, Cl. 358-342.000.
French, Michael P., 4,544,924, Cl. 340-825.690.
Gale, Michael T.; and Lehmann, Hans W., 4,534,620, Cl. 350-166.000.
Gange, Robert A., 4,532,452, Cl. 313-346.00R.
Gange, Robert A., 4,551,648, Cl. 313-37.000.
Ganssle, Eugene R.; and Miller, Claude P., 4,550,319, Cl. 343-882.000.
Garza, Richard G.; Sayegh, Pinhas; and Bjorklund, James R., 4,560,363, Cl. 446-342.000.
Gentile, Carmine J.; Hagge, Melvin L.; and Croes, Robert C., 4,501,978, Cl. 307-475.000.
Gibson, John J., 4,547,737, Cl. 329-50.000.
Gibson, Walter G.; Plotnick, Michael A.; and Chen, Thomas Y., 4,546,389, Cl. 358-342.000.
Gillberg, James E., 4,525,635, Cl. 307-247.00R.
Glock, Thomas L.; and Credelle, Thomas L., 4,517,489, Cl. 313-422.000.
Goodman, Alvin M., 4,507,334, Cl. 427-93.000.
Griffis, Patrick D.; and Rindal, Abraham E., 4,511,924, Cl. 358-197.000.
Gurley, Thomas M., 4,516,150, Cl. 358-13.000.
Haferl, Peter E., 4,516,058, Cl. 315-370.000.
Haferl, Peter E., 4,532,457, Cl. 315-411.000.
Haferl, Peter E., 4,544,864, Cl. 315-393.000.
Haferl, Peter E., 4,547,708, Cl. 315-371.000.
Halsey, Jay F.; and Briggs, Jeffrey M., 4,520,604, Cl. 52-200.000.
Ham, William E., 4,496,418, Cl. 156-643.000.
Hamalainen, Kaarlo J.; and Reitmeier, Glenn A., 4,500,930, Cl. 358-310.000.
Hamalainen, Kaarlo J., 4,525,750, Cl. 358-327.000.
Hamalainen, Kaarlo J., 4,550,351, Cl. 360-77.000.
Hammer, Jacob M.; and Neil, Clyde C., 4,495,704, Cl. 33-180.00R.
Hanak, Joseph J., 4,525,375, Cl. 427-8.000.
Hanak, Joseph J.; and Nostrand, Gerald E., 4,532,371, Cl. 136-249.000.
Hanak, Joseph J., 4,556,788, Cl. 250-203.00R.
Harada, Shigeo; and Tosima, Soitiro, 4,491,412, Cl. 356-36.000.
Harbeke, Gunther; and Duffy, Michael T., 4,511,800, Cl. 250-372.000.
Harger, Mark A., 4,539,711, Cl. 455-166.000.
Harlan, Wayne E.; and Marsh, James C., Jr., 4,511,921, Cl. 358-161.000.
Harlan, Wayne E., 4,536,796, Cl. 358-166.000.
Harris, George E., 4,533,555, Cl. 425-384.000.
Harwood, Leopold A., 4,500,910, Cl. 358-28.000.
Harwood, Leopold A.; and Shanley, Robert L., II, 4,555,722, Cl. 358-17.000.
Harwood, Leopold A., 4,562,460, Cl. 358-28.000.
Hawkes, Thaddeus A., 4,538,120, Cl. 331-12.000.
Haworth, Robert F., 4,527,286, Cl. 455-601.000.
Hawrylo, Frank Z., 4,491,264, Cl. 228-121.000.
Hawrylo, Frank Z., 4,540,115, Cl. 228-123.000.
Hayman, Julius, 4,550,435, Cl. 382-9.000.
Hermeling, Gilbert C., Jr.; and Muterspaugh, Max W., 4,499,602, Cl. 455-180.000.
Hernqvist, Karl G., 4,515,569, Cl. 445-5.000.
Hettiger, James, 4,549,202, Cl. 358-17.000.
Hettiger, James, 4,558,355, Cl. 358-74.000.
Hicks, James E., 4,516,168, Cl. 358-190.000.
Hinn, Werner; and Fecht, Hans-Rudolf, 4,502,073, Cl. 358-10.000.
Hinn, Werner; and Fecht, Hans-Rudolf, 4,518,986, Cl. 358-65.000.
Hinn, Werner, 4,549,214, Cl. 358-172.000.
Hoover, Merle V., 4,491,807, Cl. 331-111.000.
Hoover, Merle V., 4,559,476, Cl. 315-39.000.
Hsieh, Peter K., 4,558,435, Cl. 365-203.000.
Hsu, Sheng T., 4,512,073, Cl. 29-571.000.
Hsu, Sheng T., 4,519,126, Cl. 29-571.000.
Hudson, Kenneth C., 4,516,024, Cl. 250-236.000.
Hurst, Robert N., 4,523,227, Cl. 358-105.000.
Hurst, Robert N., 4,533,938, Cl. 358-27.000.
Hurst, Robert N., Jr., 4,506,293, Cl. 358-37.000.
Hurst, Robert N., Jr., 4,520,402, Cl. 358-324.000.
Hurst, Robert N., Jr.; and Dischert, Robert A., 4,553,157, Cl. 358-27.000.
Hurst, Robert N., Jr.; and Plotnick, Michael A., 4,562,487, Cl. 358-342.000.
Ipri, Alfred C.; and Stewart, Roger G., 4,513,397, Cl. 365-185.000.
Jastrzebski, Lubomir L.; and Lagowski, Jacek, 4,498,772, Cl. 356-357.000.
Jastrzebski, Lubomir L.; Ipri, Alfred C.; and Kokkas, Achilles G., 4,530,149, Cl. 29-571.000.
Jastrzebski, Lubomir L.; and Ipri, Alfred C., 4,554,570, Cl. 357-23.400.
Johnston, Loren B., Jr., 4,500,815, Cl. 315-366.000.
Jose, David L.; Pike, Winthrop S.; and Craft, Jack, 4,523,105, Cl. 307-261.000.
Kane, James; and Murr, John, Jr., 4,518,893, Cl. 313-479.000.
Kane, James, 4,524,127, Cl. 430-321.000.
Kane, James, 4,528,260, Cl. 430-321.000.
Kane, James, 4,532,537, Cl. 357-30.000.
Kao, Yih-Sien, 4,554,576, Cl. 358-28.000.
Kaplan, Gerald S.; and Setzer, Russell G., 4,531,208, Cl. 370-7.000.
Kelleher, Kevin C.; Kiser, Ned J.; and Christopher, Todd J., 4,494,052, Cl. 318-254.000.
Kelleher, Kevin C., 4,507,591, Cl. 318-254.000.
Keller, Robert F., 4,494,034, Cl. 313-341.000.
Kern, Werner, 4,546,016, Cl. 427-255.300.
Kiess, Helmut G.; Binggeli, Bruno K.; and Derendinger, Max, 4,557,885, Cl. 264-105.000.
Kiess, Helmut G.; Binggeli, Bruno K.; and Derendinger, Max, 4,557,886, Cl. 264-105.000.
Kirschner, Thomas F., 4,516,233, Cl. 369-79.000.
Knop, Karl H., 4,506,949, Cl. 350-162.190.
Knop, Karl H., 4,546,380, Cl. 358-43.000.
Kohn, Elliott S., 4,509,210, Cl. 455-349.000.
Kosonocky, Walter F.; and Elabd, Hammam, 4,544,939, Cl. 357-30.000.
Kosonocky, Walter F.; and Shallcross, Frank V. L., 4,548,671, Cl. 156-643.000.
Krufka, Frank S., 4,525,735, Cl. 358-10.000.
Krufka, Frank S., 4,556,902, Cl. 358-107.000.
Krull, Donald K.; and Naimpally, Saiprasad V., 4,516,153, Cl. 358-31.000.

Kumar, Mahesh, 4,531,105, Cl. 333-117.000.
Kumar, Mahesh, 4,549,152, Cl. 332-23.00R.
Labib, Mohamed E.; and Wang, Chin-Chun, 4,517,117, Cl. 252-511.000.
Labib, Mohamed E.; Poll, Robert F.; and Wang, Chih-Chun, 4,522,747, Cl. 252-511.000.
Labib, Mohamed E.; and Poliniak, Eugene S., 4,525,402, Cl. 428-64.000.
Labib, Mohamed E.; Wang, Chin-Chun; and Poll, Robert F., 4,532,074, Cl. 252-511.000.
Lagoni, William A.; and Harlan, Wayne E., 4,509,080, Cl. 358-166.000.
Lea, Jeffrey G.; and Carlson, David J., 4,494,081, Cl. 331-36.00C.
Levine, Peter A., 4,496,982, Cl. 358-221.000.
Levine, Peter A., 4,499,497, Cl. 358-213.000.
Levine, Peter A., 4,524,450, Cl. 377-62.000.
Levine, Peter A., 4,549,215, Cl. 358-213.000.
Levine, Peter A., 4,551,762, Cl. 358-221.000.
Levine, Peter A., 4,556,851, Cl. 329-50.000.
Levine, Peter A., 4,562,473, Cl. 358-213.000.
Levine, Peter A., 4,562,475, Cl. 358-213.000.
Lewis, Henry G., Jr., 4,503,454, Cl. 358-13.000.
Lewis, Henry G., Jr., 4,506,288, Cl. 358-21.00R.
Lewis, Henry G., Jr., 4,506,291, Cl. 358-33.000.
Lewis, Henry G., Jr., 4,511,922, Cl. 358-166.000.
Lewis, Henry G., Jr., 4,527,188, Cl. 358-23.000.
Lewis, Henry G., Jr.; and Limberg, Allen L., 4,528,586, Cl. 358-28.000.
Lewis, Henry G., Jr., 4,531,149, Cl. 358-31.000.
Lewis, Henry G., Jr., 4,542,408, Cl. 358-167.000.
Lewis, Henry G., Jr.; and Stiller, Thomas M., 4,544,945, Cl. 358-30.000.
Lewis, Henry G., Jr.; and Stiller, Thomas M., 4,555,768, Cl. 364-757.000.
Lin, Peter T., 4,502,225, Cl. 33-18.00R.
Lin, Peter T., 4,518,551, Cl. 264-107.000.
Longeway, Paul A., 4,547,648, Cl. 219-121.0PE.
Lovick, Richard B.; and Firestone, William L., 4,494,143, Cl. 358-122.000.
Luz, David W.; and Willis, Donald H., 4,492,900, Cl. 315-411.000.
Maa, Jer-shen; and Halon, Bernard, 4,547,261, Cl. 156-643.000.
Mangulis, Visvaldis, 4,532,635, Cl. 375-1.000.
Martinez, Miguel R.; and Mitchell, William J., Jr., 4,548,066, Cl. 73-1.00J.
Maturo, Robert J.; Chin, Danny; and Henderson, John G. N., 4,536,797, Cl. 358-192.100.
McCandless, Harry E., 4,500,808, Cl. 313-409.000.
McCann, James T.; Dobbins, Lawrence W.; and Reno, Charles W., 4,507,773, Cl. 369-110.000.
McDonald, James A., 4,562,479, Cl. 358-243.000.
McGinn, Joseph T.; Jastrzebski, Lubomir L.; and Corboy, John F., Jr., 4,557,794, Cl. 156-612.000.
McNeely, Michael L., 4,532,095, Cl. 264-107.000.
McNeely, Ronald K., 4,501,063, Cl. 29-711.000.
McNeely, Ronald K., 4,560,274, Cl. 356-154.000.
Megeid, Mohamed M. A., 4,523,158, Cl. 331-55.000.
Meise, William H.; and Dischert, Robert A., 4,551,754, Cl. 358-180.000.
Michaelis, Theodore D., 4,516,231, Cl. 369-44.000.
Miller, Edward A., 4,499,853, Cl. 118-725.000.
Miller, Louis D., 4,558,251, Cl. 313-365.000.
Miller, Richard D., 4,516,036, Cl. 307-228.000.
Monat, Robert A., 4,556,904, Cl. 358-147.000.
Morrison, Melvin M., 4,538,124, Cl. 333-246.000.
Moss, Herbert I., 4,532,737, Cl. 51-283.00R.
Murphy, Wesley W., III; and Hettiger, James, 4,517,602, Cl. 358-198.000.
Murphy, Wesley W., III; and Naimpally, Saiprasad V., 4,536,787, Cl. 358-38.000.
Muterspaugh, Max W., 4,558,289, Cl. 330-278.000.
Naimpally, Saiprasad V.; and Tallant, James C., II, 4,494,146, Cl. 358-184.000.
Naimpally, Saiprasad V., 4,536,788, Cl. 358-38.000.
Nelson, Jordan R.; and Bogner, Bruce F., 4,528,213, Cl. 427-105.000.
Nelson, Jordan R.; and Funari, Remo A., 4,531,401, Cl. 73-12.000.
Nicholson, Warren H.; and Pritchard, Dalton H., 4,550,340, Cl. 358-31.000.
Nigborowicz, John J.; and Friedline, Karl L., 4,521,810, Cl. 358-181.000.
Norley, Ronald R.; Sendelweck, Gene K.; and Chen, Keming J., 4,549,218, Cl. 358-243.000.
Nossen, Edward J., 4,510,579, Cl. 364-728.000.
Nowogrodzki, Markus; and Mawhinney, Daniel D., 4,513,748, Cl. 128-653.000.
Ny, Nils O., 4,543,562, Cl. 340-365.00S.
Olikara, Philip; and Binge, Derek S., 4,561,614, Cl. 244-173.000.
Olsen, Perry C., 4,531,109, Cl. 336-87.000.
Olson, Charles L.; and Monahan, John F., 4,513,321, Cl. 358-172.000.
Opresko, Stephen T., 4,514,660, Cl. 313-446.000.
Opresko, Stephen T., 4,554,479, Cl. 313-417.000.
Opresko, Stephen T., 4,558,254, Cl. 313-446.000.
O'Rourke, David P., 4,562,410, Cl. 331-1.00A.
O'Rourke, David P.; and Yeager, Richard O., 4,562,411, Cl. 331-1.00A.
Osaka, Susumu; and Sagawa, Midori, 4,503,900, Cl. 160-172.000.
Palmer, Richard C.; and Plotnick, Michael A., 4,551,770, Cl. 358-342.000.
Pankove, Jacques I., 4,551,352, Cl. 427-39.000.
Parker, Robert P., 4,536,800, Cl. 358-243.000.
Patel, Chandrakant B., 4,513,323, Cl. 358-197.000.
Phillips, Kevin J.; and Tracy, Terry G., 4,504,032, Cl. 244-170.000.
Piascinski, Joseph J.; Axelrod, Randolph H.; and Mount, James, 4,493,668, Cl. 445-40.000.
Pike, Winthrop S., 4,500,798, Cl. 307-317.00R.
Poliniak, Eugene S., 4,540,615, Cl. 428-64.000.
Powers, Kerns H., 4,533,951, Cl. 358-141.000.
Powers, Kerns H., 4,550,335, Cl. 358-11.000.
Presser, Adolph, 4,556,856, Cl. 333-124.000.
Pritchard, Dalton H., 4,498,099, Cl. 358-31.000.
Pritchard, Dalton H.; and Sauer, Donald J., 4,510,522, Cl. 358-31.000.
Pritchard, Dalton H., 4,555,723, Cl. 358-31.000.
Pritchard, Dalton H.; and Sepp, Walter E., 4,558,347, Cl. 358-11.000.
Prusak, John J.; Lock, Brian E.; and Thorn, Joseph H., 4,503,806, Cl. 118-712.000.
Prusak, John J., 4,522,659, Cl. 148-11.50R.
Prusak, John J., 4,534,844, Cl. 204-281.000.
Ragland, Frank R., Jr., 4,516,841, Cl. 354-1.000.
Ragland, Frank R., Jr., 4,528,475, Cl. 313-405.000.
Rao, Srinivas T.; and Hawrylo, Frank Z., 4,514,265, Cl. 204-15.000.
Rao, Srinivas T.; and Trager, Louis, 4,551,212, Cl. 204-52.00R.
Raychaudhuri, Dipankar, 4,504,946, Cl. 370-95.000.
Raychaudhuri, Dipankar; and Schiff, Leonard N., 4,536,846, Cl. 364-514.000.
Reichert, Walter F., 4,545,109, Cl. 29-571.000.
Reilly, Robert J.; and Gillberg, James E., 4,529,892, Cl. 307-361.000.
Reitmeier, Glenn A., 4,502,074, Cl. 358-23.000.
Reitmeier, Glenn A.; and Aschwanden, Felix, 4,506,175, Cl. 307-525.000.
Reitmeier, Glenn A., 4,517,600, Cl. 358-166.000.
Reitmeier, Glenn A.; and Thompson, Charles R., 4,518,996, Cl. 358-148.000.
Reno, Charles W., 4,520,472, Cl. 369-112.000.
Reusch, Raymond K., 4,534,105, Cl. 29-589.000.
Rindal, Abraham E., 4,514,763, Cl. 358-167.000.
Ritt, Peter M.; and Saulnier-Ebert, Mary L., 4,561,931, Cl. 156-640.000.
Roach, William R., 4,490,945, Cl. 51-165.00R.
Robinson, John W.; and Kaganowicz, Grzegorz, 4,512,284, Cl. 118-723.000.
Rockett, Leonard R., Jr., 4,508,975, Cl. 307-261.000.
Rodgers, Robert L., III, 4,547,799, Cl. 358-74.000.
Russell, John P.; and Goodman, Alvin M., 4,551,643, Cl. 307-570.000.
Samuels, Gerard, 4,530,286, Cl. 101-395.000.
Sandercock, John R., 4,526,466, Cl. 356-71.000.
Sauer, Donald J., 4,503,550, Cl. 377-63.000.
Sauer, Donald J., 4,509,181, Cl. 377-63.000.
Sauer, Donald J., 4,558,352, Cl. 358-31.000.
Savoye, Eugene D.; and Tomasetti, Charles M., 4,547,957, Cl. 29-572.000.
Schanne, Joseph F.; and Elliott, Lewis D., 4,540,974, Cl. 340-347.0AD.
Schier, John H., Jr.; and Brooks, William E., Jr., 4,511,871, Cl. 335-213.000.
Schiff, Leonard N., 4,554,679, Cl. 455-303.000.
Schlack, Richard E., 4,554,480, Cl. 313-446.000.
Schmitz, Anthony N.; and Clark, Raymond N., 4,491,871, Cl. 358-186.000.
Schnable, George L.; and Wu, Chung P., 4,502,206, Cl. 29-576.00B.
Schnitzler, Paul, 4,518,994, Cl. 358-133.000.
Schwarzmann, Alfred, 4,498,007, Cl. 250-390.000.
Schwarzmann, Alfred, 4,498,085, Cl. 343-795.000.
Seer, Harold G., Jr., 4,510,564, Cl. 363-23.000.
Sendelweck, Gene K., 4,549,217, Cl. 358-243.000.
Sepp, Walter E., 4,550,336, Cl. 358-11.000.
Sepp, Walter E., 4,562,458, Cl. 358-21.00R.
Shanley, Robert L., II, 4,549,203, Cl. 358-34.000.
Shanley, Robert L., II; Yost, Thomas D.; and Lagoni, William A., 4,554,577, Cl. 358-34.000.
Shanley, Robert L., II, 4,554,588, Cl. 358-243.000.
Shwartzman, Stanley, 4,543,130, Cl. 134-1.000.
Siegel, Stefan A.; Patterson, David R.; Channin, Donald J.; Sergi, Joseph B., Jr.; and Viola, Jeffrey P., 4,558,465, Cl. 455-609.000.
Simshauser, Elvin D., 4,561,215, Cl. 51-165.750.
Sinniger, Joseph O.; and Peterson, Richard M., 4,538,262, Cl. 370-85.000.
Siryj, Bohdan W.; and Lazzery, Angelo G., 4,502,133, Cl. 369-34.000.
Sita, Richard K.; Orr, John R.; and Waring, John L., 4,561,027, Cl. 360-39.000.
Soltus, Michael; and Reese, James G., Jr., 4,559,762, Cl. 53-441.000.
Southgate, Peter D.; Fairbanks, David W.; Davis, Richard B.; and Beltz, John P., 4,498,779, Cl. 356-384.000.
Southgate, Peter D., 4,547,809, Cl. 358-229.000.
Starner, Eugene R., 4,516,217, Cl. 364-717.000.
Starski, Wojciech, 4,557,043, Cl. 29-741.000.

- Steckler, Steven A.; and Balaban, Alvin R., 4,502,078, Cl. 358-188.000.
- Steigmeier, Edgar F.; and Auderset, Heinrich, 4,526,468, Cl. 356-338.000.
- Stewart, Roger G., 4,558,240, Cl. 307-530.000.
- Stone, Robert P., 4,514,661, Cl. 315-3.000.
- Stone, Robert P., 4,531,075, Cl. 315-3.000.
- Stoughton, John W.; and Willis, Donald H., 4,521,811, Cl. 358-243.000.
- Sutphin, Eldon M., Jr., 4,518,936, Cl. 333-173.000.
- Tallant, James C., II, 4,523,233, Cl. 358-242.000.
- Tamer, Gregory G., 4,524,387, Cl. 358-154.000.
- Tarng, Ming L.; and Romito, William S., 4,520,312, Cl. 324-158.00D.
- Tarzaiski, Richard J., 4,516,235, Cl. 369-116.000.
- Theriault, Gerald E., 4,492,937, Cl. 333-103.000.
- Thompson, Robert P., 4,556,620, Cl. 430-25.000.
- Thompson, Robert P., 4,556,820, Cl. 313-470.000.
- Thorn, Joseph H.; and Prusak, John J., 4,512,455, Cl. 198-404.000.
- Tower, John R., 4,514,821, Cl. 364-862.000.
- Tower, John R., 4,541,068, Cl. 364-825.000.
- Truskalo, Walter, 4,516,169, Cl. 358-190.000.
- Turner, Robert L., 4,499,995, Cl. 206-312.000.
- Vaccaro, Frank E.; and Kowalik, John, 4,521,714, Cl. 313-422.000.
- VanBreemen, Bertram, 4,512,631, Cl. 350-128.000.
- VanBreemen, Bertram, 4,544,946, Cl. 358-60.000.
- VanBreemen, Bertram; Wilson, William L.; Roberts, Duane L.; and Branton, Tom W., 4,556,913, Cl. 358-237.000.
- van Hekken, Frans; and Chen, Hsing-Yao, 4,520,292, Cl. 313-412.000.
- van Raalte, John A.; and Riddle, George H. N., 4,516,232, Cl. 369-126.000.
- Verma, Surendra K.; and Kim, George A., 4,514,192, Cl. 51-295.000.
- Vieland, Leon J., 4,514,663, Cl. 315-366.000.
- Wagner, Theodor M., 4,555,163, Cl. 350-172.000.
- Wardell, Myron H., Jr., 4,504,430, Cl. 264-46.400.
- Warren, Henry R., 4,504,869, Cl. 358-312.000.
- Weaver, Charles A.; and Stephens, Joseph W., 4,510,104, Cl. 264-40.700.
- Wedam, Werner F.; and Babcock, William E., 4,503,367, Cl. 315-371.000.
- Westerman, Harry H., Jr.; and Prusak, John J., 4,516,301, Cl. 29-27.00C.
- Westerman, Harry H., Jr., 4,519,767, Cl. 425-308.000.
- Westerman, Harry H., Jr., 4,535,223, Cl. 219-354.000.
- Westerman, Harry H., Jr., 4,535,224, Cl. 219-373.000.
- Whartenby, James C.; and Kumar, Mahesh, 4,554,514, Cl. 330-149.000.
- White, Allan E.; Coleman, David E.; and Miller, Steven R., 4,493,651, Cl. 434-188.000.
- White, Allan E., 4,548,465, Cl. 350-96.200.
- White, Lawrence K., 4,498,775, Cl. 356-375.000.
- White, Lawrence K., 4,532,002, Cl. 156-643.000.
- Whitley, George J.; and Rayl, Martin, 4,513,493, Cl. 29-566.300.
- Whitley, George J.; Rayl, Martin; and Squire, William, 4,520,549, Cl. 29-566.300.
- Whitley, George J., 4,561,166, Cl. 29-566.300.
- Widmer, Alois E.; and Fehlmann, Roland, 4,504,521, Cl. 427-85.000.
- Wierschke, Donald J., 4,500,393, Cl. 204-5.000.
- Wilbur, Leonard P., Jr.; and Van Renssen, Marinus, 4,500,767, Cl. 219-78.010.
- Willis, Donald H., 4,516,152, Cl. 358-29.000.
- Willis, Donald H., 4,524,411, Cl. 363-21.000.
- Willis, Donald H.; and Fuhrer, Jack S., 4,524,447, Cl. 375-26.000.
- Willis, Donald H.; and Luz, David W., 4,533,855, Cl. 315-370.000.
- Willis, Donald H.; and Fling, Russell T., 4,543,599, Cl. 358-13.000.
- Willis, Donald H., 4,554,578, Cl. 358-65.000.
- Willis, Donald H., 4,556,900, Cl. 358-23.000.
- Wine, Charles M., 4,503,465, Cl. 358-195.100.
- Wine, Charles M., 4,521,916, Cl. 455-182.000.
- Wine, Charles M., 4,532,540, Cl. 358-12.000.
- Wine, Charles M., 4,543,563, Cl. 340-365.00S.
- Wine, Charles M., 4,554,582, Cl. 358-149.000.
- Wolkstein, Herbert J., 4,530,573, Cl. 350-358.000.
- Wood, Robert F., Jr.; Monahan, John F.; and Levine, Peter A., 4,525,743, Cl. 358-213.000.
- Woodward, Oakley M., 4,549,310, Cl. 455-129.000.
- Woodward, Oakley M., Jr.; and Greaves, Milton P., Jr., 4,510,501, Cl. 343-742.000.
- Wu, Chung P., 4,525,221, Cl. 148-1.500.
- Wu, Chung P.; and Kolondra, Frank, 4,560,879, Cl. 250-492.200.
- Young, James R.; and VanBreemen, Bertram, 4,506,295, Cl. 358-60.000.
- Young, William C., 4,513,505, Cl. 33-1.0MP.
- Zelez, Joseph, 4,504,519, Cl. 427-39.000.
- Ziegel, Douglas H., 4,560,853, Cl. 219-121.0LD.

RCA Inc.: *See—*

- Webb, Paul P., 4,561,007, Cl. 357-30.000.
- Yamazaki, Tsuneo; Faltas, Mervat; and Webb, Paul P., 4,499,483, Cl. 357-30.000.

RDC Electronics Inc.: *See—*

- Mallok, Horst; Brown, Howard; and Iacampo, Marco, 4,540,478, Cl. 204-297.00W.

RDM International, Inc.: *See—*

- Mioduski, Paul, 4,531,524, Cl. 128-422.000.

Re, Eugene L. Denture coupling. 4,514,173, 4-30-85, Cl. 433-178.000.

Rea, Gerald M.; Stoff, William G.; and Zens, John F., to General Motors Corporation. Shroud top vent grille retaining means. 4,521,050, 6-4-85, Cl. 296-192.000.

Rea, Harold, Jr. Sinker-anchor device. 4,528,771, 7-16-85, Cl. 43-44.900.

Rea, R. Stephen. Celestial globe. 4,526,549, 7-2-85, Cl. 434-288.000.

Rea, Samuel N.: *See—*

- Wakefield, G. Felix; Bender, David L.; and Rea, Samuel N., 4,517,049, Cl. 156-622.000.
- Wakefield, G. Felix; Bender, David L.; and Rea, Samuel N., 4,551,291, Cl. 264-104.000.

Read, Clifford D.; Sawyer, William D.; and Chadwick, Donald T., to Northern Telecom Limited. Input/output device arrangements for terminals. 4,533,791, 8-6-85, Cl. 179-2.00R.

Read, Edgar L., to Honeywell Inc. One-for-N redundancy in a digital switch matrix. 4,497,054, 1-29-85, Cl. 370-58.000.

Read, Edgar L., to Honeywell Inc. Apparatus for switch path verification. 4,542,507, 9-17-85, Cl. 371-22.000.

Read, Edgar L., to Honeywell Inc. Apparatus for providing conflict-free highway access. 4,556,939, 12-3-85, Cl. 364-200.000.

Read, John C.: *See—*

- Vacanti, David C.; Read, John C.; and Takeuchi, Jimmy S., 4,559,489, Cl. 333-1.100.

Read, Michael E.; Carmel, Yuval; Chu, Kwo R.; and Ganguly, Achintya K., to United States of America, Navy. Complex cavity gyrotron. 4,554,484, 11-19-85, Cl. 315-4.000.

Read, Michael R.; and Corke, Nicholas T., to Raychem Corporation. Adhesive composition. 4,517,340, 5-14-85, Cl. 525-113.000.

Read, Norman W., to Dresser Industries, Inc. Flow control valve for use on oil and gas wells or the like. 4,508,173, 4-2-85, Cl. 166-330.000.

Read, Owen R., to Woodlawn Iron Works, Inc. Coil handling device. 4,557,515, 12-10-85, Cl. 294-67.220.

Read, Reginald A.; and Houston, Richard N., to Regdon Corporation. Solenoid with retainer stop. 4,518,939, 5-21-85, Cl. 335-262.000.

Read, Reginald A., to Regdon Corporation. Solenoid with tolerance control. 4,528,534, 7-9-85, Cl. 335-262.000.

Read, Robert D., to North Star Steel Texas, Inc. Continuous casting mold. 4,530,392, 7-23-85, Cl. 164-268.000.

Read, Wayne L.: *See—*

- Westerlund, Robert E.; and Read, Wayne L., 4,533,300, Cl. 417-339.000.

Read, William A. Device for preventing theft of motor vehicles. 4,549,090, 10-22-85, Cl. 307-10.0AT.

Readhead, John B., to U.S. Philips Corporation. Infra-red radiation detectors and their manufacture. 4,555,720, 11-26-85, Cl. 357-30.000.

Reading, Christopher: *See—*

- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,525,352, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,525,353, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,526,783, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,529,720, Cl. 514-191.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,556,559, Cl. 424-114.000.
- Cole, Martin; Howarth, Thomas T.; and Reading, Christopher, 4,560,552, Cl. 424-114.000.

Readshaw, Ronald L.: *See—*

- Walter, Andrew T.; Bryant, George M.; and Readshaw, Ronald L., 4,562,097, Cl. 427-209.000.

Ready Metal Manufacturing Company: *See—*

- Radek, John R., 4,533,981, Cl. 362-151.000.

Ready, Robert J.; Whipple, Donald E.; and Sferra, James P., to Lighting Systems Inc. Sign frame and method for factory installing flexible sign facing material thereon. 4,512,098, 4-23-85, Cl. 40-610.000.

Readyseal Limited: *See—*

- Chick, Douglas K., 4,552,183, Cl. 138-99.000.

Reagan, William J.: *See—*

- Brown, Stanley M.; Durante, Vincent A.; Reagan, William J.; and Speronello, Barry K., 4,493,902, Cl. 502-65.000.

Reaktor Brennelement Union GmbH: *See—*

- Dorr, Wolfgang; Gradel, Gerhard; Peehs, Martin; Schafer, Reinhard; and Sondermann, Thomas, 4,512,939, Cl. 264-0.500.

Real, Francisco X.; Mattes, M. Jules; Houghton, Alan N.; Livingston, Philip O.; Lloyd, Kenneth O.; Oettgen, Herbert F.; and Old, Lloyd J., to Sloan-Kettering Institute for Cancer Research. Melanoma tumor antigen and autologous antibody. 4,562,160, 12-31-85, Cl. 436-539.000.

Real, John D.; Twichell, David J.; and Weed, Lauren R., to Blackstone Corporation. After cooler, charge air cooler and turbulator assemblies and methods of making the same. 4,501,321, 2-26-85, Cl. 165-153.000.

Reale, Michael J.: *See—*

- Jacobs, Barry A.; and Reale, Michael J., 4,547,528, Cl. 521-121.000.

Realex Corporation: *See—*

- Ford, John M. B.; and Foster, Donald D., 4,496,085, Cl. 222-321.000.
- Ford, John M. B.; and Foster, Donald D., 4,538,748, Cl 222-321.000.
- Foster, Donald D., 4,512,501, Cl. 222-153.000.

Realis Luc, Roberto: *See—*

- Barbero, Aquilino; and Realis Luc, Roberto, 4,503,442, Cl. 346-140.00R.

Ream, Bernard C.; and Tellis, Cyril, to Union Carbide Corporation. Process for the removal of acid gases from a gas mixture. 4,540,552, 9-10-85, Cl. 423-226.000.
Ream, Michael D.: *See*—
  Guignard, Paul C.; and Ream, Michael D., 4,557,346, Cl. 180-242.000.
Ream, Stanley L., to Laser Manufacturing Technologies, Inc. Laser resonator cavity. 4,504,956, 3-12-85, Cl. 378-107.000.
Reames, Donovan J.: *See*—
  Sears, Billy D.; Holland, Gerald G.; Cazinha, John R.; and Reames, Donovan J., 4,525,956, Cl. 51-241.00S.
Reams, Walter: *See*—
  Fontana, Jack J.; and Reams, Walter, 4,500,674, Cl. 524-650.000.
Reanal Finomvegyszergyar: *See*—
  Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.
  Boross, Laszlo ; Szajani, Bela; and Kovacs, Kamilla, 4,556,637, Cl. 435-181.000.
  Szajani, Bela; Kiss, Janosne; Ivony, Jozsefne; Huber, Iren; Boros, Laszlo; and Daroczi, Ivan, 4,532,214, Cl. 435-228.000.
Reap, James J., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,515,624, 5-7-85, Cl. 71-92.000.
Reap, James J., to Du Pont de Nemours, E. I., and Company. Herbicidal o-alkylsulfonyloxy- and o-alkylsulfonylaminobenzenesulfonamides. 4,534,789, 8-13-85, Cl. 71-93.000.
Rear, Ian G. Fluid operated hammer. 4,530,407, 7-23-85, Cl. 173-17.000.
Rear, Ian G. Fluid operated hammer. 4,534,422, 8-13-85, Cl. 173-134.000.
Reardon, Dennis J. Portable locker. 4,502,576, 3-5-85, Cl. 190-18.00R.
Reardon, Edward J.; and Lipson, Melvin A., to Dynachem Corporation. Carbonylic halides as activators for phototropic compositions. 4,552,830, 11-12-85, Cl. 430-281.000.
Reardon, Richard J.; Maroti, Endre S.; Roy, Colin; and Lindsay, John S., to Morgan Construction Company. Automatic gauge control system for multi-stand tied block rod rolling mill. 4,558,576, 12-17-85, Cl. 72-9.000.
Rease, Charles R.: *See*—
  Hogan, John P.; and Rease, Charles R., 4,493,715, Cl. 55-68.000.
Reaser, Brian K. Bed sheet installation and retention. 4,520,518, 6-4-85, Cl. 5-498.000.
Reasland, Russell R. Body gripping animal trap stand with trigger. 4,492,056, 1-8-85, Cl. 43-96.000.
Reasor, Warren; and Singleton, Mary L. Limousine hearse. 4,537,438, 8-27-85, Cl. 296-17.000.
Reaume, Leonard V., to Magna American Corporation. Power drive rear tine tiller with reversing gear transmission for the tines. 4,519,459, 5-28-85, Cl. 172-42.000.
REB Manufacturing, Inc.: *See*—
  Risner, Melvin G., 4,551,056, Cl. 414-539.000.
Reba, Imants; Schutz, Rudolph W.; and Kozbur, Nestor, to Crown Zellerbach Corporation. Web slitting and grooving method. 4,499,801, 2-19-85, Cl. 83-24.000.
Reba, Imants, to Crown Zellerbach Corporation. Pneumatic conveyor system for flexible webs. 4,505,412, 3-19-85, Cl. 225-96.000.
Reba, Imants, to Crown Zellerbach Corporation. Pneumatic conveying method for flexible webs. 4,542,842, 9-24-85, Cl. 225-2.000.
Rebafka, Walter; Heilen, Gerd; Halbritter, Klaus; and Franzischka, Wolfgang, to BASF Aktiengesellschaft. Preparation of pyridines or pyrroles from α,ω-dinitriles. 4,521,602, 6-4-85, Cl. 546-184.000.
Rebber, Richard G.: *See*—
  Ferrell, Robert A.; and Rebber, Richard G., 4,534,752, Cl. 493-213.000.
Rebele, Donald J.: *See*—
  Williams, Marvin E.; Chaney, David B.; and Rebele, Donald J., 4,538,709, Cl. 190-18.00A.
Rebello, Peter R.: *See*—
  Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., 4,541,835, Cl. 44-53.000.
  Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., 4,541,837, Cl. 44-53.000.
Reber, Harald: *See*—
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Reber, Jean-Francois: *See*—
  Meier, Kurt; Buhler, Niklaus; and Reber, Jean-Francois, 4,559,237, Cl. 427-53.100.
Rebhahn, Robert W. J.; Kassner, James E.; and Werner, Raymond E., to Hilton-Davis Chemical Co., The. Process for preparing quinolinic acid. 4,537,971, 8-27-85, Cl. 546-320.000.
Rebhahn, Robert W. J.; and Cook, Wayne L., to Hilton-Davis Chemical Co., The. Ultrafiltration process for purification of dyes useful in foodstuffs. 4,560,746, 12-24-85, Cl. 534-840.000.
Rebhan, Dieter, to Linde Aktiengesellschaft. Tunnel constructing. 4,516,878, 5-14-85, Cl. 405-130.000.
Rebhan, Herbert J., to Domain, Inc. Mold growth inhibitor and method. 4,514,425, 4-30-85, Cl. 426-93.000.
Rebick, Charles: *See*—
  Weinberg, Harold N.; Rebick, Charles; and McElrath, Kenneth O., 4,497,705, Cl. 208-127.000.
Rebish, Edward J.: *See*—
  Shinneman, Harold C., Jr.; Rebish, Edward J.; and Shinneman, Harold C., Sr., 4,532,736, Cl. 51-218.00A.
Rebman, Jack, to Lord Corporation. Tactile sensor for an industrial robot or the like. 4,521,685, 6-4-85, Cl. 250-229.000.
Rebmann, Rolf: *See*—
  Schutz, Matthias; Sivers, Rolf V.; Roesems, Dirk; and Rebmann, Rolf, 4,535,964, Cl. 248-607.000.
Rebold, Jerome I.: *See*—
  McCarty, George W.; Rebold, Jerome I.; and Smith, Somers H., III, 4,536,694, Cl. 320-2.000.
Rebour, Alain, to Intercontrole Societe Anonyme. Supply circuit including a pair of amplifying channels for an eddy current probe with two windings. 4,529,936, 7-16-85, Cl. 324-238.000.
Rebourg, Jean-Claude; and Despois, Claude. Apparatus for performing a Hadamard transformation. 4,525,798, 6-25-85, Cl. 364-826.000.
Rebres, Robert P.: *See*—
  Povio, Raymond A.; and Rebres, Robert P., 4,494,744, Cl. 271-34.000.
Rebsamen, Arthur: *See*—
  Slavik, Walter; and Rebsamen, Arthur, 4,515,320, Cl. 242-18.0DD.
Rebsamen, August; and Low, Martin, to SIG Schweizerische Industrie-Gesellschaft. Method and apparatus for producing packages. 4,545,179, 10-8-85, Cl. 53-443.000.
Rebske, Gunter; and Voigt, Manfred, to VEB Kombinat Textima. Bearing housings for driven and air-suspended spinning rings on ring-spinning machines and ring-twisting machines. 4,548,028, 10-22-85, Cl. 57-124.000.
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  Blanchet, Pierre; and Recasens, Joseph, 4,497,628, Cl. 432-179.000.
Reccius, Helmut; and Ponitzsch, Werner, to Walter Eckold GmbH & Co. KG; and Dornier GmbH. Method for shaping panels by a bending operation, in particular panels for aircraft fuselage skin, and apparatus for implementing such method. 4,498,325, 2-12-85, Cl. 72-302.000.
Recht, Peter A.: *See*—
  Sabatino, Anthony; Schaumburg, Edward G.; Recht, Peter A.; Olszewski, Douglas J.; and Strait, Richard T., 4,510,682, Cl. 29-623.100.
Reck, Richard A., to Akzona Incorporated. Asphalt emulsions comprising N-aliphatic-1,3-diaminopentane emulsifier and process. 4,496,474, 1-29-85, Cl. 252-311.500.
Recker, Florian B. Automatic lock open U-joint coupler. 4,523,871, 6-18-85, Cl. 403-12.000.
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  Garcia, George L.; Recker, Richard D.; and Tisbo, Thomas A., 4,506,698, Cl. 137-355.260.
  Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, 4,512,361, Cl. 137-355.270.
  Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, 4,542,938, Cl. 297-445.000.
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  McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,527,633, Cl. 166-370.000.
  McLaughlin, Wayne C.; Recker, William J.; Modesitt, Phillip C.; and Francescon, Paul K., 4,546,830, Cl. 166-370.000.
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  Lipp, Herbert; and Reckeweg, Horst, 4,517,900, Cl. 102-529.000.
Reckitt & Colman Products Limited: *See*—
  Hammond, Geoffrey R., 4,555,194, Cl. 401-206.000.
Reckitt & Colman S.A.: *See*—
  Weiss, Richard; and Delagneau, Hubert, 4,555,819, Cl. 4-223.000.
Recognition Equipment Incorporated: *See*—
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  Sanner, Medford D., 4,491,964, Cl. 382-50.000.
Recon/Optical, Inc.: *See*—
  Kreischer, Cody B., 4,561,733, Cl. 350-618.000.
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  Nardi, Dante; Motta, Gianni; Testa, Rodolfo; Graziani, Gabriele; and Casadio, Silvano, 4,507,308, Cl. 514-313.000.
  Nardi, Dante; Catto, Alberto; Tajana, Alberto; Cazzulani, Pietro; and Graziani, Gabriele, 4,510,140, Cl. 544-360.000.
  Nardi, Dante; Tajana, Alberto; Pennini, Renzo; Cazzulani, Pietro; Graziani, Gabriele; and Casadio, Silvano, 4,550,115, Cl. 514-320.000.
Recovery Technology, Inc.: *See*—
  Capella, Joseph A., 4,543,165, Cl. 203-89.000.
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  Whiteman, Patrick W., 4,526,325, Cl. 241-73.000.
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  Pastor, Manuel G., 4,536,256, Cl. 202-164.000.
Reczek, James A.; and Elwood, James K., to Eastman Kodak Company. Coordination complexes of polyvalent metal ions and cyan dye-releasing compounds comprising a 6-heterocyclazo-3-pyridinol. 4,495,098, 1-22-85, Cl. 534-651.000.
Reczek, James A.; and Elwood, James K., to Eastman Kodak Company. Non-diffusible cyan compound capable of releasing a 6-heterocyclylazo-3-pyridinol. 4,495,100, 1-22-85, Cl. 534-651.000.
Reczek, James A.; and Palumbo, Janice M., to Eastman Kodak Company. Photographic element and process for providing metal complex color images. 4,555,478, 11-26-85, Cl. 430-367.000.
Reczek, James A., to Eastman Kodak Company. Photographic products employing novel nondiffusible metal complexes of azo dyes. 4,562,139, 12-31-85, Cl. 430-223.000.
Red Arrow Products Company Inc.: *See*—
  Schneck, James C.; and Ford, Patrick J., 4,504,500, Cl. 426-265.000.
Red Devil, Inc.: *See*—
  Tam, Jimmy W.; Odegaard, Gary W.; Scherer, William C.; and Lonneman, Alan P., 4,541,548, Cl. 222-48.000.
Red Dot Corporation: *See*—
  Watters, Wayde H., 4,493,957, Cl. 200-81.00R.

- Red Fox Industries, Inc.: *See—*
  - Dunham, David A.; Riggs, Robert P.; and Burton, Rufus L., Jr., 4,512,553, Cl. 254-89.00R.
- Red Owl Stores, Inc.: *See—*
  - Bloomquist, Dayton E., 4,553,584, Cl. 165-30.000.
- Red Plastic Co., Inc.: *See—*
  - Smith, Russell D., 4,534,132, Cl. 49-386.000.
- Red Valve Company, Inc.: *See—*
  - Raftis, Spiros G., 4,492,253, Cl. 137-849.000.
  - Raftis, Spiros G.; and Merritt, George, 4,523,738, Cl. 251-4.000.
  - Raftis, Spiros G., 4,534,224, Cl. 73-730.000.
- Redaelli Tecna Meccanica S.p.A.: *See—*
  - Dallolio, Giorgio, 4,541,236, Cl. 57-264.000.
- Redasse, Jean-Claude: *See—*
  - Gillier, Hugues; Redasse, Jean-Claude; and Renaut, Maurice, 4,492,116, Cl. 73-432.00R.
- Redcom Laboratories Inc.: *See—*
  - Caplan, Jerome S.; Delmege, James W.; Laman, Robert R.; and Navarro, Christine, 4,527,012, Cl. 179-18.0ES.
  - Littlefield, Bruce G., 4,524,245, Cl. 179-18.0HB.
- Redden, Charlotte S.: *See—*
  - Pelham, Russell W.; Redden, Charlotte S.; Eshkol, Aliza; and Stiles, Gerald E., 4,521,407, Cl. 424-95.000.
- Reddig, Klaus-Dieter: *See—*
  - Plester, Karl-Heinz; Reddig, Klaus-Dieter; and Hessel, Heinz, 4,549,469, Cl. 92-5.00R.
- Redding, James A. Large capacity sample bucket and bucket sampler having low clearance. 4,558,602, 12-17-85, Cl. 73-863.530.
- Redding, John R.; and Hunter, Patrick F., to Redding, John Robert. Bale handling machine. 4,521,149, 6-4-85, Cl. 414-44.000.
- Redding, John Robert: *See—*
  - Redding, John R.; and Hunter, Patrick F., 4,521,149, Cl. 414-44.000.
- Reddington, Thomas B., to AT&T Bell Laboratories. Keyword search automatic limiting method. 4,554,631, 11-19-85, Cl. 364-300.000.
- Reddy, Chitranjan N.; and Rao, G. R. Mohan, to Texas Instruments Incorporated. Sequentially clocked substrate bias generator for dynamic memory. 4,494,223, 1-15-85, Cl. 365-233.000.
- Reddy, Chitranjan N., to Texas Instruments Incorporated. Reduction of gate oxide breakdown for booted nodes in MOS integrated circuits. 4,508,978, 4-2-85, Cl. 307-482.000.
- Reddy, Chitranjan N., to Texas Instruments Incorporated. High-speed low-power delayed clock generator. 4,521,701, 6-4-85, Cl. 307-482.000.
- Reddy, Kammalathinna V.; and Berry, Michael J., to Allied Corporation. Isotope separation by laser excitation of unimolecular reactants. 4,519,882, 5-28-85, Cl. 204-158.00R.
- Redecker, Friedrich: *See—*
  - Kuhn, Franz; Lippek, Wilfried; Mollgaard, Klaus; and Redecker, Friedrich, 4,500,972, Cl. 364-526.000.
- Redeker, Detmar; and Mrotzek, Dieter, to Bayer Aktiengesellschaft. Screw centrifuge with a washing device. 4,496,340, 1-29-85, Cl. 494-29.000.
- Redeker, Werner; and Uhlig, Uwe, to Hauni-Werke Korber & Co. KG. Apparatus for manipulating workpieces having plane parallel surfaces. 4,509,892, 4-9-85, Cl. 414-223.000.
- Redeker, Werner: *See—*
  - Janutta, Reinhard; and Redeker, Werner, 4,502,456, Cl. 125-11.0CD.
- Redele, Jean E. A., to Sxoma-Energie. Fuel heating method and device for vehicles. 4,519,358, 5-28-85, Cl. 123-557.000.
- Redell, Dietrich; and Schmidt, Dieter, to W. Haldenwanger Technische Keramik GmbH & Co. KG. Device for supporting flat ceramic objects to be fired in a continuously heating furnace. 4,526,538, 7-2-85, Cl. 432-246.000.
- Redenbarger, Philip D.: *See—*
  - Speers, Leonard E.; Inhofer, John D.; and Redenbarger, Philip D., 4,522,160, Cl. 123-41.490.
- Redfield, James W.; and Charpentier, Albert J., to Commodore Business Machines, Inc. Display logic circuit for multiple object priority. 4,561,659, 12-31-85, Cl. 273-313.000.
- Redfield, James W., to Commodore Business Machines, Inc. Clocked self booting logical "EXCLUSIVE OR" circuit. 4,562,365, 12-31-85, Cl. 307-471.000.
- Redfield, James W.: *See—*
  - Charpentier, Albert J.; Redfield, James W.; and DiOrio, David W., 4,551,682, Cl. 328-22.000.
- Redfield, Lawrence J. Flatscreen. 4,531,122, 7-23-85, Cl. 340-781.000.
- Redfield, Stephen R.: *See—*
  - Bachman, Brett L.; Baxter, Ward, II; Gruner, Ronald H.; Houseman, David L.; Jones, Thomas M.; Redfield, Stephen R.; Drew, Louis E.; and Druke, Michael B., 4,519,030, Cl. 364-200.000.
  - Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.
- Redford, David A.: *See—*
  - Toma, Petre; Redford, David A.; Livesey, Declan B.; and Coates, Roy M., 4,532,994, Cl. 166-303.000.
- Redick, Richard W., Jr. Adapter for bottled water dispenser. 4,557,399, 12-10-85, Cl. 222-83.500.
- Redicon Corporation: *See—*
  - Bulso, Joseph D., Jr.; and Doyle, Stephen D., 4,503,702, Cl. 72-349.000.
  - Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,516,420, Cl. 72-329.000.
  - Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,535,618, Cl. 72-349.000.
  - Bulso, Joseph D., Jr.; Doyle, Stephen D.; and McClung, James A., 4,549,424, Cl. 72-329.000.
  - Doyle, Stephen D.; and Bulso, Joseph D., Jr., 4,506,534, Cl. 72-345.000.
- Redien, Jean-Paul, to Schuco Heinz Schurmann GmbH & Co. Frame for a door or window with at least one brace manufactured from hollow, preferably heat-insulated composite sections. 4,553,367, 11-19-85, Cl. 52-656.000.
- Redies, Bernd: *See—*
  - Christiansen, Dieter; and Redies, Bernd, 4,523,132, Cl. 315-321.000.
- Rediffusion Simulation Limited: *See—*
  - Campbell, Douglas R., 4,559,014, Cl. 434-58.000.
  - Sullivan, Sean; and Edwards, Roger A., 4,541,694, Cl. 350-371.000.
- Rediger, Alvin L., to General Electric Company. Methods of manufacturing dynamoelectric machine stators. 4,503,604, 3-12-85, Cl. 29-596.000.
- Redikultsev, Jury V.; and Litvinenko, Leonid A. Apparatus for chemical froth suppression in a fermenter. 4,510,249, 4-9-85, Cl. 435-289.000.
- Reding, Nanette L. Child carrying harness. 4,544,088, 10-1-85, Cl. 224-159.000.
- Redington, Rowland W., to General Electric Company. NMR blood flow imaging. 4,516,582, 5-14-85, Cl. 128-653.000.
- Redka, William: *See—*
  - Brighton, Carl T.; Black, Jonathan; and Redka, William, 4,549,547, Cl. 128-419.00F.
- Redken Laboratories, Inc.: *See—*
  - Parkinson, Richard W., 4,518,614, Cl. 514-2.000.
- Redl, Simon; and Wolfseder, Alfons. Apparatus for the continuous boiling of wort. 4,552,060, 11-12-85, Cl. 99-278.000.
- Redland Technology Limited: *See—*
  - Aston, Geoffrey W.; Smith, Susan; Chapman, Paul; and Barker, Howard A., 4,551,384, Cl. 428-312.600.
- Redlich, Horst, to TELDEC Telefunken-Decca-Schallplatten GmbH. Apparatus for removing a cut chip by suction. 4,525,827, 6-25-85, Cl. 369-72.000.
- Redlich, Horst; and Stahlbaum, Heinz, to TELDEC Telefunken-Decca-Schallplatten GmbH. Record cutting stylus assembly. 4,531.207, 7-23-85, Cl. 369-173.000.
- Redlich, Horst, to TELDEC Telefunken-Decca-Schallplatten GmbH. Method and apparatus for cutting information into a record carrier. 4,538,256, 8-27-85, Cl. 369-88.000.
- Redman, James; and Ellison, Joseph E., to Redman, James. Pipe hanger. 4,550,890, 11-5-85, Cl. 248-59.000.
- Redman, John W. Chord hand callus exerciser. 4,505,178, 3-19-85, Cl. 84-465.000.
- Redman, Leon E.: *See—*
  - Rasor, William; and Redman, Leon E., 4,501,386, Cl. 224-326.000.
- Redmon, Billy L.: *See—*
  - Forester, Buford G.; and Redmon, Billy L., 4,541,608, Cl. 251-77.000.
- Redmond, Daniel R. Glass filled plastic hinge. 4,545,090, 10-8-85, Cl. 16-385.000.
- Redmond, Russell J.; and Ash, Jessica B., to American Hospital Supply Corporation. External ventricular drainage assembly. 4,500,311, 2-19-85, Cl. 604-246.000.
- Redmond, Sanford; and Mainberger, Walter A., to Redmond, Sanford. Dispenser package having fault line protrusion. 4,493,574, 1-15-85, Cl. 401-132.000.
- Redmond, William G., Jr., to LTV Aerospace and Defense Company. Small deadband servocontrol system. 4,506,203, 3-19-85, Cl. 318-624.000.
- Redmore, Derek: *See—*
  - Thompson, Neil E. S.; Redmore, Derek; Oude Alink, Bernardus A.; and Outlaw, Benjamin T., 4,539,404, Cl. 544-335.000.
- Redo, Jean: *See—*
  - Liesch, Jean; Metzdorf, Jacques; Meyers, Andre; Neu, Joseph; and Redo, Jean, 4,548,503, Cl. 356-373.000.
- Redpath, James: *See—*
  - Savage, David S.; and Redpath, James, 4,551,479, Cl. 514-657.000.
- Redpath, Thomas W. T.: *See—*
  - Edelstein, William A.; Hutchison, James M. S.; Johnson, Glyn; Redpath, Thomas W. T.; and Mallard, John R., 4,506,222, Cl. 324-309.000.
- Redshaw, Norman L., to Sunderland & South Shields Water Company. Combined communication, security and alarm radio system. 4,539,557, 9-3-85, Cl. 340-539.000.
- Redshaw, Sally: *See—*
  - Attwood, Michael R.; Hassall, Cedric H.; Lambert, Robert W.; Lawton, Geoffrey; and Redshaw, Sally, 4,512,924, Cl. 260-243.300.
- Redston, Hugh W.; and Potter, James C., to Lucas Industries Public Limited Company. Fluid control valves. 4,540,155, 9-10-85, Cl. 251-129.200.
- Redwine, Fletcher H.; and Thompson, James E., to United States Steel Corporation. Reciprocable pump having axially pivotable manifold to facilitate valve inspection. 4,527,961, 7-9-85, Cl. 417-454.000.
- Redwine, Fletcher H., to United States Steel Corporation. Bonded valve with replaceable insert. 4,545,404, 10-8-85, Cl. 137-516.290.
- Redziniak, Gerard; and Meybeck, Alain, to Parfums Christian Dior. Production of pulverulent mixtures of lipidic and hydrophobic constituents. 4,508,703, 4-2-85, Cl. 424-38.000.

- Reeber, Nicholas J.: *See—*
  - St. John, Karl M.; Reeber, Nicholas J.; and Kerbel, Sheldon J., 4,513,314. Cl. 358-76.000.
- Reece, Alan R., to British Petroleum Company p.l.c., The. Trench backfill device. 4,539,765, 9-10-85, Cl. 37-142.500.
- Reece Corporation, The: *See—*
  - Richardson, Donald, 4,534,067, Cl. 2-234.000.
  - Tocchio, Louis A., 4,543,895, Cl. 112-104.000.
- Reece, James J.: *See—*
  - Jackson, Keith L.; and Reece, James J., 4,538,525, Cl. 105-190.00R.
- Reece, John M.; Martin, Robert G.; and Franzel, John R., to Data I/O Corporation. Signature analysis system for testing digital circuits. 4,510,572, 4-9-85, Cl. 364-489.000.
- Reece, John W.: *See—*
  - Pickard, Ronald D.; Reece, John W.; and Racette, Joseph W., 4,503,480, Cl. 361-152.000.
  - Weeks, David E.; Reece, John W.; and Wirth, Robert L., 4,501,506, Cl. 400-124.000.
  - Weeks, David E.; Wirth, Robert L.; and Reece, John W., 4,502,799, Cl. 400-124.000.
- Reed, Albert D., to Professional Medical Products, Inc. Orthopedic traction frame. 4,551,872, 11-12-85, Cl. 5-445.000.
- Reed, Allan: *See—*
  - Goldberger, William M.; and Reed, Allan, 4,560,409, Cl. 75-130.00R.
- Reed, Allen K.: *See—*
  - Goldberger, William M.; and Reed, Allen K., 4,547,430, Cl. 428-404.000.
- Reed, Alvin R.: *See—*
  - Alexander, Douglas E.; Holland, James F.; Leonard, Herbert G.; and Reed, Alvin R., 4,553,869, Cl. 400-568.000.
- Reed, Anthony R.: *See—*
  - Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,500,437, Cl. 252-8.55C.
  - Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,551,513, Cl. 526-307.100.
- Reed, Antony S.: *See—*
  - Papp, John E.; and Reed, Antony S., 4,549,773, Cl. 308-3.800.
  - Papp, John E.; and Reed, Antony S., 4,560,212, Cl. 308-3.800.
- Reed, Cathy J.; and Pollak, Thomas M., to Sanders Associates, Inc. Pyrotechnic lamp. 4,536,879, 8-20-85, Cl. 372-77.000.
- Reed, Charles C. Blood gas concentration control apparatus and method. 4,493,692, 1-15-85, Cl. 604-4.000.
- Reed, Claude A. Comestible converting apparatus. 4,506,988, 3-26-85, Cl. 366-203.000.
- Reed, Claude A., to International Food Equipment Inc. Apparatus for heating food products. 4,539,900, 9-10-85, Cl. 99-353.000.
- Reed, David A.: *See—*
  - Donnan, Jeremy F.; and Reed, David A., 4,526,572, Cl. 604-29.000.
- Reed, David E.: *See—*
  - Platt, Kenneth B.; and Reed, David E., 4,493,825, Cl. 424-88.000.
- Reed, David G.: *See—*
  - Christian, John H.; Hartung, Michael H.; Nolta, Arthur H.; Reed, David G.; Rieck, Richard E.; and William, John S., 4,533,995, Cl. 364-200.000.
- Reed, David J.: *See—*
  - Davis, Earl K.; Drye, James E.; and Reed, David J., 4,515,898, Cl. 501-15.000.
- Reed, Donald A.; and Lunk, Hans E. Foamed fluoropolymer articles having low loss at microwave frequencies and a process for their manufacture. 4,560,829, 12-24-85, Cl. 174-102.00R.
- Reed, Edward D., Jr.: *See—*
  - Benedict, George J.; Reed, Edward D., Jr.; and Jones, Robert W., 4,553,244, Cl. 372-95.000.
- Reed, Frank J.: *See—*
  - Garczynski, John S.; Reed, Frank J.; Hahn, Jeffrey C.; and Dobson, John J., 4,492,855, Cl. 235-458.000.
- Reed, Geoffrey R., to Encomech Product Development Limited; and Head Wrightson Machine Company Limited. Handling and packaging apparatus. 4,498,276, 2-12-85, Cl. 53-588.000.
- Reed, Geoffrey R.: *See—*
  - Laws, William R.; and Reed, Geoffrey R., 4,499,746, Cl. 72-13.000.
- Reed, Gordon A. D.; and Itzkovitch, Irwin J., to Liquid Carbonic Inc. Hydrogen storage system. 4,537,761, 8-27-85, Cl. 423-644.000.
- Reed, H. David: *See—*
  - Ceccon, Harry; Murphy, Richard A.; Reed, H. David; and Oringer, Oscar, 4,526,039, Cl. 73-774.000.
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  - Vitas, John K.; and Reed, Harry J., 4,524,950, Cl. 251-326.000.
- Reed, I. Ely: *See—*
  - Garcia, Carlos M.; Reed, I. Ely; and McLeod, Dale K., 4,493,150, Cl. 30-97.000.
- Reed Industries, Inc.: *See—*
  - Chow, Edmund E., 4,509,633, Cl. 194-100.00A.
  - Mueller, Richard J.; and Chow, Edmund E., 4,545,505, Cl. 222-65.000.
- Reed International P.L.C.: *See—*
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  - Shimmin, Bryan F.; and Pollard, James B., 4,518,641, Cl. 428-150.000.
- Reed, James: *See—*
  - Apothaker, Richard L.; Reed, James; Croce, Carmen L.; and Wagner, Frederick B., III, 4,492,951, Cl. 338-316.000.
- Reed, James R.: *See—*
  - Reed, Richard K.; Reed, James R.; and Sorg, James D., 4,518,235, Cl. 354-86.000.
- Reed, Jerry O.; and Mathis, Ronald D., to Phillips Petroleum Company. Polymer stabilization. 4,543,224, 9-24-85, Cl. 264-211.000.
- Reed, Jerry O.: *See—*
  - Hill, H. Wayne, Jr.; and Reed, Jerry O., 4,522,867, Cl. 428-220.000.
  - Mathis, Ronald D.; Reed, Jerry O.; and Hagler, Gerald E., 4,500,706, Cl. 528-502.000.
  - Mathis, Ronald D.; and Reed, Jerry O., 4,535,117, Cl. 524-397.000.
- Reed, John C., to Motorola, Inc. Wide dynamic range amplifier with second harmonic signal cancellation. 4,531,098, 7-23-85, Cl. 330-53.000.
- Reed, John C. Multiple frequency side lobe interference rejector. 4,533,917, 8-6-85, Cl. 343-379.000.
- Reed, John T., to Singer Company, The. Spherical projection-type screen for use in a vehicle simulator. 4,514,347, 4-30-85, Cl. 264-32.000.
- Reed, Karl W.: *See—*
  - Leibensperger, Robert L.; and Reed, Karl W., 4,541,738, Cl. 384-470.000.
- Reed, Kenneth E.; Mason, Bradley; Mason, Jeff; and Nelson, Gregory R., to DonJoy, Inc. Articulating knee stabilizer. 4,493,316, 1-15-85, Cl. 128-80.00C.
- Reed, Larry E.; and Porter, Randall A. Antifoulants for thermal cracking processes. 4,507,196, 3-26-85, Cl. 208-48.0AA.
- Reed, Larry E.; Porter, Randall A.; Farha, Floyd E., Jr.; and Guillory, Jack P. Antifoulants for thermal cracking processes. 4,511,405, 4-16-85, Cl. 106-15.050.
- Reed, Larry E.: *See—*
  - Porter, Randall A.; and Reed, Larry E., 4,518,575, Cl. 423-447.300.
  - Porter, Randall A.; and Reed, Larry E., 4,545,893, Cl. 208-48.00R.
  - Porter, Randall A.; and Reed, Larry E., 4,551,227, Cl. 208-48.0AA.
  - Porter, Randall A.; and Reed, Larry E., 4,552,643, Cl. 208-48.0AA.
- Reed, Larry T., to Axia Incorporated. Method for reduction of oxides and improving porosity of metalized zirconium oxide ceramics. 4,493,746, 1-15-85, Cl. 156-644.000.
- Reed, Larry T., to Axia Incorporated. Oxygen sensor. 4,526,672, 7-2-85, Cl. 204-428.000.
- Reed, Lehman T. Electric power supplying well head assembly. 4,491,176, 1-1-85, Cl. 166-65.00R.
- Reed, Lehman T. Geothermal expansion spool piston. 4,532,987, 8-6-85, Cl. 166-75.100.
- Reed, Leonard W.; Barr, Robert M. S.; and Dick, David A., to Metal Box Limited. Thermoplastics articles and method and apparatus for making them. 4,547,416, 10-15-85, Cl. 428-36.000.
- Reed Lignin Inc.: *See—*
  - DeBons, Francis E.; Whittington, Lawrence E.; and Pedersen, Larry D., 4,548,721, Cl. 252-8.55D.
  - Detroit, William J., 4,505,825, Cl. 252-8.50C.
  - Lin, Stephen Y., 4,492,586, Cl. 8-528.000.
  - Lin, Stephen Y., 4,562,236, Cl. 527-400.000.
- Reed, Lyle T.; and Olt, Arthur E., Jr., to Caterpillar Tractor Co. Flexible seal for a spherical joint. 4,553,760, 11-19-85, Cl. 277-12.000.
- Reed, Martin A.: *See—*
  - Convis, Danny B.; Grimm, Paul J.; and Reed, Martin A., 4,550,438, Cl. 382-56.000.
- Reed, Max: *See—*
  - Reed, Robert C.; and Reed, Max, 4,528,944, Cl. 119-29.000.
- Reed, Michael F.: *See—*
  - Bergman, Clark; Vergason, Gary E.; Allen, William; and Reed, Michael F., 4,556,471, Cl. 204-298.000.
- Reed, Michael R.; and Hoffman, Daniel E., to Petro Tool, Inc. Tool cable feeding system. 4,515,211, 5-7-85, Cl. 166-77.000.
- Reed, Nanci W.: *See—*
  - Guimond, Roy A.; Gulliksen, John E.; and Reed, Nanci W., 4,508,801, Cl. 429-238.000.
- Reed, Phillip J.: *See—*
  - Dubreuil, Luc; and Reed, Phillip J., 4,500,747, Cl. 174-76.000.
- Reed, Richard K.; Reed, James R.; and Sorg, James D., to Sorg, James D. Collapsible disposable camera. 4,518,235, 5-21-85, Cl. 354-86.000.
- Reed, Robert C.; and Reed, Max. Animal exercising harness. 4,528,944, 7-16-85, Cl. 119-29.000.
- Reed, Robert D.; and Cegielski, John M., Jr., to John Zink Company. Combustion chamber for combustion disposal of waste mineral bearing streams. 4,534,300, 8-13-85, Cl. 110-171.000.
- Reed, Robert E., to International Telephone and Telegraph Corporation. Extended resonator electronically tunable band pass filter. 4,502,029, 2-26-85, Cl. 333-203.000.
- Reed, Robert L., to Standard Oil Company (Indiana). Process for producing and recovering elemental sulfur from acid gas. 4,507,275, 3-26-85, Cl. 423-574.00R.
- Reed, Robert L., to Standard Oil Company (Indiana). Process and system for producing and recovering elemental sulfur. 4,508,698, 4-2-85, Cl. 423-574.00R.
- Reed, Robert L.: *See—*
  - Moote, Truman P.; and Reed, Robert L., 4,495,160, Cl. 423-158.000.
- Reed Rock Bit Company: *See—*
  - Childers, John S.; and Pastusek, Paul E., 4,516,642, Cl. 175-340.000.
  - Childers, John S.; and Pastusek, Paul E., 4,558,754, Cl. 175-340.000.
  - Daly, Jeffery E., 4,514,097, Cl. 384-93.000.
  - Daly, Jeffery E.; and Pastusek, Paul E., 4,548,280, Cl. 175-40.000.
  - Freitag, Gary T.; and Smith, Roger C., 4,495,840, Cl. 81-54.000.
  - Jones, Kenneth W., 4,554,986, Cl. 175-397.000.
  - Madigan, James A., 4,542,798, Cl. 175-340.000.

Viswanadham, Ramamurthy K., 4,556,424, Cl. 75-240.000.

Reed, Steven P., to Brown & Williamson Tobacco Corporation. Device for making grooves in cigarette filters. 4,514,249, 4-30-85, Cl. 156-553.000.

Reed, Steven P.; and Naslund, Erik I., to Brown & Williamson Tobacco Corporation. Device for making grooves in cigarette filters. 4,533,427, 8-6-85, Cl. 156-500.000.

Reed, Steven P.: *See—*
- Heaney, Richard; and Reed, Steven P., 4,547,253, Cl. 156-553.000.
- Naslund, Erik I.; and Reed, Steven P., 4,536,149, Cl. 425-394.000.

Reed, Stuart E., to Babcock & Wilcox Company, The. Method of prestressing a tubular apparatus. 4,538,442, 9-3-85, Cl. 72-367.000.

Reed, Todd R., to International Business Machines Corporation. Analog adaptive magnitude equalizer. 4,553,248, 11-12-85, Cl. 375-14.000.

Reed Tool Company: *See—*
- Childers, John S.; and Pastusek, Paul E., 4,546,837, Cl. 175-340.000.

Reed Tubular Products Company: *See—*
- Saunders, Donna D.; Kalsi, Manmohan S.; and Chen, Gun-Shing, 4,549,754, Cl. 285-334.000.

Reed, William M., to CPC International Inc. Production of organic acids by a continuous fermentation process. 4,506,012, 3-19-85, Cl. 435-139.000.

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- Komanduri, Ranga; Ettinger, Robert H.; Casey, Morton P., Jr.; and Reed, William R., Jr., 4,515,047, Cl. 82-1.00C.
- Komanduri, Ranga; and Reed, William R., Jr., 4,552,492, Cl. 407-114.000.
- Lee, Minyoung; Reed, William R., Jr.; and Szala, Lawrence F., 4,539,875, Cl. 82-1.00C.

Reeder, Bruce L.: *See—*
- Ridgley, James R.; and Reeder, Bruce L., 4,545,474, Cl. 194-1.00E.

Reeder, Donald G. Livestock feeder. 4,495,895, 1-29-85, Cl. 119-52.0AF.

Reeder, Frank; Nunn, Michael J.; Mitchell, Michael J.; and Baxter, Kenneth F., to International Paint Public Limited Company. Anti-corrosive paint. 4,501,615, 2-26-85, Cl. 106-14.390.

Reedman, David C.: *See—*
- Peck, Alan M.; Reedman, David C.; Graveling, Frederick J.; Moore, David; and Mansfield, Graham J., 4,541,054, Cl. 364-474.000.

Reeds, John W., to Hughes Aircraft Company. Wafer height correction system for focused beam system. 4,532,426, 7-30-85, Cl. 250-442.100.

Reeds, John W., to Hughes Aircraft Company. Benchmark detector. 4,535,249, 8-13-85, Cl. 250-491.100.

Reedy, James D.; and Walsh, John J., to Union Carbide Corporation. Process for converting octamethylcyclotetrasiloxane to decamethylcyclopentasiloxane. 4,556,726, 12-3-85, Cl. 556-460.000.

Reedyk, Cornelis W.: *See—*
- Retallack, Laurence J.; and Reedyk, Cornelis W., 4,493,949, Cl. 179-18.0BC.

Reefman, William E.: *See—*
- Clarke, Herbert H., Jr.; and Reefman, William E., 4,492,065, Cl. 52-595.000.

Reeh, Holger; and Geiss, Josef. Electric welding gun with a rotary torch head. 4,533,816, 8-6-85, Cl. 219-137.310.

Reekie, John, to British Nuclear Fuels Limited. Sampling system. 4,526,045, 7-2-85, Cl. 73-864.310.

Reel, Jerry R.; and Cook, Clarence E., to Research Triangle Institute. Progestationally active steroids. 4,512,986, 4-23-85, Cl. 514-170.000.

Reenstra, Arthur L., to Beede Electrical Instrument Co., Inc. Electric indicator with return-to-zero feature and compensating coil to cancel the return-to-zero feature during measurement. 4,492,920, 1-8-85, Cl. 324-146.000.

Rees, Herbert: *See—*
- Schad, Robert D.; and Rees, Herbert, 4,522,581, Cl. 425-534.000.

Rees, James D.; Gundlach, Robert W.; and May, Jerome E., to Xerox Corporation. Full-frame flash illumination system. 4,533,979, 8-6-85, Cl. 362-97.000.

Rees, James D.: *See—*
- Woolley, Warren H.; Lama, William L.; Rees, James D.; and Durbin, John A., 4,557,581, Cl. 355-1.000.

Rees, Karl, to Sulzer Brothers Limited. Heat exchanger having a vertical gas flue. 4,537,156, 8-27-85, Cl. 122-6.00A.

Rees, Richard W.: *See—*
- Klaubert, Dieter H.; Bell, Stanley C.; Pattison, Thomas W.; and Rees, Richard W., 4,495,101, Cl. 260-239.30T.

Rees, Richard W. A., to General Motors Corporation. Bearing assembly for seat slide. 4,511,187, 4-16-85, Cl. 308-3.800.

Rees, Richard W. A., to General Motors Corporation. Seat adjuster. 4,527,767, 7-9-85, Cl. 248-419.000.

Rees, Richard W. A.: *See—*
- Langmesser, Otto J., Jr.; and Rees, Richard W. A., 4,513,937, Cl. 248-394.000.

Rees, Volker: *See—*
- Korner, Gerhard; Plettner, Horst; Viering, Walter; and Rees, Volker, 4,511,775, Cl. 200-148.00A.

Reese, Dieter: *See—*
- Johnson, Frank; Reese, Dieter; and Hirbour, Louis, 4,508,611, Cl. 204-202.000.
- Johnson, Frank; Reese, Dieter; and Hirbour, Louis, 4,534,843, Cl. 204-202.000.

Reese, Dirk; and Rigler, Josef K., to Chemische Werke Huels AG. Fine particulate, expandable styrene polymers suitable for the production of rapidly mold-ejected cellular bodies. 4,497,912, 2-5-85, Cl. 521-59.000.

Reese, Dirk; and Rigler, Josef K., to Chemische Werke Huels AG. Fine particulate, expandable styrene polymers suitable for the production of rapidly mold-ejected cellular bodies. 4,517,314, 5-14-85, Cl. 521-59.000.

Reese, Eckart: *See—*
- Kleiner, Frank; Kubens, Rolf; Reese, Eckart; and Wank, Joachim, 4,515,925, Cl. 525-439.000.

Reese, Edmund A.; Spaderna, Dieter W.; and Flannagan, Stephen T., to Intel Corporation. Multiple bit dynamic random-access memory. 4,547,867, 10-15-85, Cl. 365-189.000.

Reese, Edward W.: *See—*
- Fletcher, Bruce W.; Rydell, Mark A.; and Reese, Edward W., 4,551,292, Cl. 264-139.000.

Reese Enterprises, Inc.: *See—*
- Ellingson, Robert T., 4,537,002, Cl. 52-403.000.

Reese, Herschel H.: *See—*
- Kookootsedes, Gust J.; and Reese, Herschel H., 4,528,243, Cl. 428-425.500.

Reese, James A.; and Dean, Raymond H., to Tempmaster Corporation. Electronic control arrangement for system powered HVAC terminal units. 4,500,034, 2-19-85, Cl. 236-49.000.

Reese, James G., Jr.: *See—*
- Soltus, Michael; and Reese, James G., Jr., 4,559,762, Cl. 53-441.000.

Reese, Morris T.: *See—*
- Aultman, William H.; and Reese, Morris T., 4,521,830, Cl. 361-433.000.

Reese, Ralph D.: *See—*
- Kienlein, Kurt; and Reese, Ralph D., 4,523,698, Cl. 222-185.000.

Reese, Raymond E. Disposal vehicle loading apparatus. 4,548,542, 10-22-85, Cl. 414-549.000.

Reese, Ron: *See—*
- de Witt, Clinton J.; and Reese, Ron, 4,536,188, Cl. 44-53.000.

Reese Scientific Corporation: *See—*
- Thomas, Rees D., 4,555,183, Cl. 366-208.000.

Reese, Thorsten, to Continental Gummi-Werke Aktiengesellschaft. Inflating gas for tires. 4,513,803, 4-30-85, Cl. 152-427.000.

Reese, Vernon E.; and Schwierking, Roger A., to Henny Penny Corporation. Sifter for breading apparatus. 4,550,677, 11-5-85, Cl. 118-31.000.

Reese, Walter J., to PPG Industries, Inc. Apparatus for packaging a plurality of fibers or strands. 4,509,702, 4-9-85, Cl. 242-18.00G.

Reese, Walter J.; and Salego, George T., to PPG Industries, Inc. Method and apparatus for forming a bundle of glass filaments. 4,526,598, 7-2-85, Cl. 65-3.100.

Reese, Walter J., to PPG Industries, Inc. Shippable package of glass fiber strands and process for making the package and continuous strand mat. 4,546,880, 10-15-85, Cl. 206-410.000.

Reese, Wayne S.: *See—*
- Isham, Robert O.; and Reese, Wayne S., 4,512,048, Cl. 5-37.00R.

Reeve, Randy F., to Calmar, Inc. Child resistant container. 4,561,544, 12-31-85, Cl. 206-540.000.

Reeve, William E., to Dixon International Limited. Structural slide bearing. 4,553,792, 11-19-85, Cl. 308-3.00R.

Reeves Brothers, Inc.: *See—*
- Griswold, Azel A., 4,537,912, Cl. 521-53.000.

Reeves, Clarence C., to Speeflo Manufacturing Corporation. Electrostatic spray apparatus. 4,491,276, 1-1-85, Cl. 239-692.000.

Reeves, James B., Jr. Adjustable pitch sprocket. 4,531,926, 7-30-85, Cl. 474-49.000.

Reeves, James B., Jr. Adjustment pitch sprocket. 4,559,028, 12-17-85, Cl. 474-162.000.

Reeves, Jerry L., to Towmotor Corporation. Pump arrangement for a linear fluid operated device. 4,509,409, 4-9-85, Cl. 92-80.000.

Reeves, Jerry L., to Towmotor Corporation. Container handler with programmed electro-hydraulic control circuit. 4,523,886, 6-18-85, Cl. 414-641.000.

Reeves, Robert: *See—*
- Chevalet, Jean; and Reeves, Robert, 4,542,501, Cl. 370-85.000.

Reeves, Robert H., Jr.; Chandler, Don G.; and Jorgensen, H. A., to Velasco Scale Company. Bung alignment apparatus. 4,494,583, 1-22-85, Cl. 141-83.000.

Reeves, Robert L., to St. Regis Corporation. Dunnage bag. 4,553,887, 11-19-85, Cl. 410-119.000.

Reeves, Russell R., to Apace Research Limited. Emulsions of liquid hydrocarbons with water and/or alcohols. 4,508,873, 4-2-85, Cl. 525-91.000.

Reeves, Timothy J. Apparatus and method for measuring the viscosity of a liquid. 4,534,210, 8-13-85, Cl. 73-59.000.

Reeves, William H.: *See—*
- Buirley, William L.; Koopman, Donald E.; McQuain, David B.; and Reeves, William H., 4,501,503, Cl. 374-162.000.

Reference Technology: *See—*
- Ycas, John A., 4,519,060, Cl. 369-77.200.

Reffert, Roland, to Albert-Frankenthal AG. Adjustable folding apparatus. 4,491,310, 1-1-85, Cl. 270-49.000.

Reffert, Rudi W.; Hambrecht, Juergen; Jung, Rudolf H.; and Echte, Adolf, to BASF Aktiengesellschaft. Treatment of (Co)polymers to remove residual monomers. 4,503,219, 3-5-85, Cl. 528-481.000.

Reffert, Rudi W.: *See—*
- Hambrecht, Juergen; Reffert, Rudi W.; Echte, Adolf; and Swoboda, Johann, 4,496,679, Cl. 524-111.000.
- Hambrecht, Juergen; Reffert, Rudi W.; Minges, Peter; and Swoboda, Johann, 4,536,567, Cl. 528-486.000.

Reffet, Dominique: *See—*
- Chauvin, Yves; Commereuc, Dominique; Hirschauer, Andre; Reffet, Dominique; and Stern, Robert, 4,533,500, Cl. 260-404.000.

Reflexite Corporation: *See—*
- Rowland, William P., 4,555,161, Cl. 350-103.000.

Refractory Products Co.: *See—*
  Abell, R. Bruce, 4,493,089, Cl. 373-130.000.
  Holmer, Larry G., 4,547,148, Cl. 431-328.000.
Rega, Anthony: *See—*
  Haduch, Paul R.; and Rega, Anthony, 4,530,568, Cl. 350-96.260.
Regal International, Inc.: *See—*
  Thomerson, Clarence, 4,543,998, Cl. 138-110.000.
Regalbuto, John A.; Christopher, Glenn B.; and Motley, Jerry D., to Jet Research Center, Inc. Underwater stud gun system and method for attaching an article to an underwater structure. 4,505,018, 3-19-85, Cl. 29-432.000.
Regalbuto, John A.; Patton, James B.; and Sumner, Cyril R., to Halliburton Company. Mechanically initiated tubing conveyed perforator system. 4,512,418, 4-23-85, Cl. 175-4.560.
Regalbuto, John A., to Jet Research Center, Inc. Perforating gun carrier and method of making. 4,534,423, 8-13-85, Cl. 175-4.600.
Regalbuto, John A.; and Dines, Jack E., to Jet Research Center, Inc. Back-off tool. 4,537,255, 8-27-85, Cl. 166-297.000.
Regalbuto, John A.; and Christopher, Glenn B., to Jet Research Center, Inc. Mooring release apparatus and method. 4,559,890, 12-24-85, Cl. 114-230.000.
Regan, Albert M., to Hughes Tool Company. Marine conductor coupling. 4,491,345, 1-1-85, Cl. 285-18.000.
Regan, Donald J., deceased (by Regan, Joyce H., heir), to Nordson Corporation. Liquid dispensing gun with substrate separator. 4,535,719, 8-20-85, Cl. 118-410.000.
Regan, John R.: *See—*
  Suh, John T.; Barton, Jeffrey N.; and Regan, John R., 4,500,713, Cl. 546-165.000.
  Suh, John T.; Regan, John R.; Piwinski, John J.; Menard, Paul; and Jones, Howard, 4,555,508, Cl. 514-211.000.
Regan, Joyce H., heir: *See—*
  Regan, Donald J., deceased, 4,535,719, Cl. 118-410.000.
Regdon Corporation: *See—*
  Read, Reginald A.; and Houston, Richard N., 4,518,939, Cl. 335-262.000.
  Read, Reginald A., 4,528,534, Cl. 335-262.000.
Regeants of the University of California, The: *See—*
  Loomis, Herschel H., Jr., 4,495,591, Cl. 364-724.000.
Regeants of University of Calif., The: *See—*
  Temes, Gabor C.; and Martin, Kenneth W., 4,543,534, Cl. 330-9.000.
Regebro, Christer, to Forenade Fabriksverken. Arrangement for a terminally guided projectile provided with a target seeking arrangement and path correction arrangement. 4,498,394, 2-12-85, Cl. 102-489.000.
Regeffe, Jean Y.: *See—*
  Faure, Michel; Regeffe, Jean Y.; Lumineau, Yves; and Jouanin, Andre, 4,512,790, Cl. 65-13.000.
Regehr, John L.: *See—*
  Hagen, Mark D.; Mendel, Peter J.; and Regehr, John L., 4,542,377, Cl. 340-727.000.
Regel, Erik; Buchel, Karl H.; Lurssen, Klaus; and Frohberger, Paul-Ernst, to Bayer Aktiengesellschaft. Triazolylalkyl-thioether plant growth regulators and fungicides. 4,507,141, 3-26-85, Cl. 71-76.000.
Regel, Erik; Draber, Wilfried; Buchel, Karl H.; Frohberger, Paul-Ernst; and Lurssen, Klaus, to Bayer Aktiengesellschaft. Azolyl-thioether derivatives as fungicides and plant growth regulators. 4,559,077, 12-17-85, Cl. 71-76.000.
Regel, Erik: *See—*
  Holmwood, Graham; and Regel, Erik, 4,499,281, Cl. 548-262.000.
  Kramer, Wolfgang; Buchel, Karl H.; Elbe, Hans-Ludwig; Kraatz, Udo; Regel, Erik; Frohberger, Paul-Ernst; Brandes, Wilhelm; and Lurssen, Klaus, 4,549,900, Cl. 71-92.000.
  Kranz, Eckart; Buchel, Karl H.; Kraatz, Udo; Regel, Erik; Brandes, Wilhelm; Frohberger, Paul-Ernst; and Lurssen, Klaus, 4,530,715, Cl. 71-76.000.
Regelman, Dale F., to Upjohn Company, The. Catalyst compositions for trimerizing organic isocyanates. 4,536,490, 8-20-85, Cl. 502-167.000.
Regelman, Dale F.: *See—*
  Alberino, Louis M.; Regelman, Dale F.; and Vespoli, Nancy P., 4,546,114, Cl. 521-51.000.
  Alberino, Louis M.; Regelman, Dale F.; and Vespoli, Nancy P., 4,552,945, Cl. 528-62.000.
Regelsberger, Wolfgang: *See—*
  Hunger, Josef; Klueber, Wilhelm; and Regelsberger, Wolfgang, 4,491,445, Cl. 409-234.000.
Regen, Steven L., to Marquette University. Assembling multilayers of polymerizable surfactant on a surface of a solid material. 4,560,599, 12-24-85, Cl. 428-36.000.
Regenbrecht, Douglas E.: *See—*
  Lester, James M.; Reinker, Richard P.; and Regenbrecht, Douglas E., 4,507,941, Cl. 62-514.00R.
Reges, Bruno. Process for drying and/or preserving fruits having a high sugar content. 4,496,597, 1-29-85, Cl. 426-402.000.
Regev, Yitzhak: *See—*
  Sarig, Yoav; Regev, Yitzhak; and Grosz, Friedrich, 4,530,278, Cl. 99-547.000.
Regge, Dieter, to Windmoller & Holscher. Central gear driven flexographic printing press accommodating different diameter plate cylinders. 4,499,826, 2-19-85, Cl. 101-181.000.
Reggers, Charles G.; Cohr, Lindsay W. J.; and Liddell, Stafford A. Y. Applicator tool. 4,531,526, 7-30-85, Cl. 128-330.000.
Regie Nationale des Usines Renault: *See—*
  Arnaud, Henri, 4,528,815, Cl. 60-600.000.
  Arnaud, Henri, 4,528,816, Cl. 60-602.000.
  Bascou, Jacques, 4,524,594, Cl. 70-456.00R.
  Boccadoro, Yves; and Chastagner, Paul, 4,552,109, Cl. 123-339.000.
  Boccadoro, Yves; and Lepretre, Bernard, 4,558,672, Cl. 123-325.000.
  Brille, Maurice, 4,502,427, Cl. 123-90.410.
  Brisabois, Roger, 4,499,791, Cl. 74-700.000.
  Castarede, Armand, 4,541,368, Cl. 123-41.330.
  Chastagner, Paul, 4,524,738, Cl. 123-339.000.
  Hannoyer, Gilles, 4,497,025, Cl. 364-424.000.
  Jourde, Jean-Pierre; Cmapo-Garraza, Pedro; Miettaux, Marc; and Michaux, Thierry, 4,545,352, Cl. 123-447.000.
  Lamy, Jean-Michel; and Le Bail, Albert, 4,492,130, Cl. 74-473.00P.
  Lamy, Jean-Michel; and Boutant, Jean-Jacques, 4,509,384, Cl. 74-473.00R.
  Lamy, Jean-Michel; and Jacquet, Joel, 4,532,824, Cl. 74-475.000.
  Leddet, Philippe, 4,561,176, Cl. 29-709.000.
  Le Tiec, Patrick; and Lacroix, Marc, 4,549,646, Cl. 198-409.000.
  Lombard, Claude; and Morvan, Olivier, 4,543,116, Cl. 65-40.000.
  Moeremans, Guy, 4,504,165, Cl. 403-129.000.
  Moretti, Antonio; and Banon, Louis, 4,498,024, Cl. 310-54.000.
  Naete, Hidehiko; Funaoka, Chihiro; Augello, Daniel; and Coste, Jean-Claude, 4,560,885, Cl. 307-10.00R.
  Passemard, Jean R.; and Keledjian, Gaston, 4,537,084, Cl. 74-89.220.
  Passemard, Jean-Robert; and Keledjian, Gaston, 4,527,945, Cl. 414-735.000.
  Philippe, Calin, 4,537,431, Cl. 292-216.000.
  Trintignac, Christian; and Jaccod, Jean-Claude, 4,549,468, Cl. 91-361.000.
Regina Corporation: *See—*
  Duncan, L. Scot; Groth, Hugh F.; and Basile, Peter A., 4,559,666, Cl. 15-353.000.
  Fitzwater, Edwin, 4,559,665, Cl. 15-339.000.
  Fitzwater, Edwin, 4,559,667, Cl. 15-415.00R.
  Groth, Hugh F., 4,558,484, Cl. 15-320.000.
  Groth, Hugh F., 4,558,823, Cl. 239-413.000.
Reginato, Francesco, to Lima S.p.A. Modular control panel for miniature-railway switches. 4,500,058, 2-19-85, Cl. 246-3.000.
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  Palmgren, Karl S., 4,535,804, Cl. 137-458.000.
Regiroli, Giovanni; Caprioli, Vincenzo; and Longoni, Angelo, to Montedison S.p.A. Acaricide compositions employing synergistic mixtures of 1-decyloxy-4-(7-oxa-4-octinyl)-oxy-benzene and propargite. 4,522,825, 6-11-85, Cl. 514-517.000.
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  Bolton, Edgar A., 4,509,277, Cl. 40-1.500.
Regitz, Alfred P.: *See—*
  Jennings, Charles E.; Barrington, Claud C.; Chen, Lien-Yan; Hopkins, Bob C.; McIntyre, John N.; and Regitz, Alfred P., 4,510,960, Cl. 137-75.000.
Regli, Johann: *See—*
  Somlo, Tibor; and Regli, Johann, 4,507,240, Cl. 260-384.000.
  Somlo, Tibor; and Regli, Johann, 4,543,214, Cl. 260-384.000.
Regnault, Alain: *See—*
  Dureigne, Bernard; Guerillot, Stephane; and Regnault, Alain, 4,511,992, Cl. 364-825.000.
Regner, Hans: *See—*
  Hofmann, Peter; Regner, Hans; Koppner, Manfred; and Zolffel, Michael, 4,502,992, Cl. 260-410.90R.
Regner, Richard: *See—*
  Romeike, Arno; Regner, Richard; and Weinheimer, Alois, 4,547,932, Cl. 17-45.000.
Regneth, Lorenz: *See—*
  Fegley, Charles R.; and Regneth, Lorenz, 4,495,396, Cl. 219-85.00G.
Regnier, Danielle: *See—*
  Oudet, Claude; and Regnier, Danielle, 4,516,064, Cl. 318-696.000.
Regnier, Frederick E.; and Gupta, Shri P., to Purdue Research Foundation. Polyamine based bonded phase chromatography. 4,560,704, 12-24-85, Cl. 521-31.000.
Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, to Adir. Piperazine and homopiperazine compounds. 4,492,696, 1-8-85, Cl. 424-249.000.
Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, to Adir. Disubstituted polymethylene imines. 4,514,398, 4-30-85, Cl. 514-245.000.
Regnier, Gilbert; Dhainaut, Alain; Laubie, Michel; and Duhault, Jacques, to Adir. N-N'substituted polymethylene diamines. 4,514,399, 4-30-85, Cl. 514-241.000.
Regnier, Gilbert; Laubie, Michel; and Duhault, Jacques, to Adir. Piperazine and homopiperazine compounds. 4,529,729, 7-16-85, Cl. 514-253.000.
Regnier, Gilbert; Guillonneau, Claude; Duhault, Jacques; and Boulanger, Michelle, to Adir. Xanthine compounds. 4,548,820, 10-22-85, Cl. 514-255.000.
Regogollwitzer GmbH and Co. KG: *See—*
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Regtien, Paulus P. L., to Endress u. Hauser GmbH u. Co. Resistance thermometer and linearization circuitry. 4,556,330, 12-3-85, Cl. 374-185.000.
Regula, Donald W.: *See—*
  Mattei, Frank V.; and Regula, Donald W., 4,532,929, Cl. 128-335.500.
Regulation Technology, Inc.: *See—*
  Hahn, Steven, 4,540,931, Cl. 323-264.000.

Regunathan, Perialwar; Tadlock, John W.; and Jarog, Dean J., to Everpure, Inc. Chemical feeder device. 4,548,227, 10-22-85, Cl. 137-268.000.
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  Weidner, Ralph F.; Regutti, Carl W.; and Liao, Chien W., 4,543,121, Cl. 75-5.000.
Reh, Carter K. Vortex mixer. 4,506,989, 3-26-85, Cl. 366-270.000.
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  Lorenz, Dieter; and Rehaag, Benno, 4,539,450, Cl. 200-148.00F.
Rehackova, Bozena: *See—*
  Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.
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Rehak, Anthony S.: *See—*
  Binks, Ronald; Rehak, Anthony S.; and Sinberg, Howard, 4,533,792, Cl. 179-84.00C.
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  Burkel, Heinz, 4,550,009, Cl. 264-529.000.
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Rehder, Ludwig: *See—*
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Rehder, Thomas E.; and Williams, Terrance L., to USG Corporation. Process for expanding and coating perlite. 4,525,388, 6-25-85, Cl. 427-221.000.
Rehfeld, Gerhard: *See—*
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Rehfeldt, Karl H., to U.S. Philips Corporation. Method of and circuit arrangement for recording a color video signal. 4,538,187, 8-27-85, Cl. 358-330.000.
Rehfuss, John W.; Hazelwood, Louis S.; Price, Martin B.; and Zilke, Robert W., Jr., to Reliance Universal, Inc. Low temperature cure coating system suitable for metal and plastic substrates. 4,521,489, 6-4-85, Cl. 428-412.000.
Rehfuss, John W.; Hazelwood, Louis S.; and Price, Martin B., to Reliance Universal, Inc. Aqueous coating composition comprising a dispersion of polymerized unsaturated monomers, a nonionic surfactant and crosslinking agent. 4,524,173, 6-18-85, Cl. 524-512.000.
Rehkemper, Steven F.; Hanson, Steven P.; and Disko, Harry, to Marvin Glass & Associates. Toy vehicle conversion accessory. 4,540,377, 9-10-85, Cl. 446-430.000.
Rehkemper, Steven F.; Rosenwinkel, Donald A.; Zaruba, John V.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Board game having stackable tiles and moveable playing pieces. 4,552,363, 11-12-85, Cl. 273-241.000.
Rehklau, George D.; Cotterill, Lee A.; and Langevin, Robert Z., to Electro-Sound, Inc. Cassette loading apparatus. 4,512,527, 4-23-85, Cl. 242-56.00R.
Rehm, Hans; and Breitenfeld, Horst, to Siemens Aktiengesellschaft. Amplifier comprising ECL logic gate biased by another ECL logic gate. 4,533,878, 8-6-85, Cl. 330-261.000.
Rehm, Hans-Joerg: *See—*
  Geke, Juergen; and Rehm, Hans-Joerg, 4,541,931, Cl. 210-728.000.
Rehm, Werner J. Security means. 4,502,048, 2-26-85, Cl. 340-825.310.
Rehman, William R.; and Smith, James C., to Nordson Corporation. Foam generating nozzle. 4,553,701, 11-19-85, Cl. 239-432.000.
Rehman, William R.: *See—*
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  Cobbs, Walter H., Jr.; and Rehman, William R., 4,505,957, Cl. 427-422.000.
  Cobbs, Walter H., Jr.; and Rehman, William R., 4,515,836, Cl. 427-425.000.
  Cobbs, Walter H., Jr.; and Rehman, William R., 4,527,712, Cl. 222-1.000.
Rehmann, Robert, to Ems-Inventa AG. Safety device for ammunition. 4,550,661, 11-5-85, Cl. 102-251.000.
Rehmat, Amirali G.; and Patel, Jitendra G., to Institute of Gas Technology. Apparatus and process for controlling fluidized beds. 4,544,375, 10-1-85, Cl. 48-197.00R.
Rehn, Karl; and Nestler, Hans J., to Hoechst Aktiengesellschaft. Process for the preparation of hydroxyphenoxy-alkanecarboxylic acids. 4,532,346, 7-30-85, Cl. 562-471.000.
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  Rossi, Albert; Rehrer, David H.; Oswald, Alexis A.; Lewtas, Kenneth; and Tack, Robert D., 4,546,137, Cl. 524-217.000.
Rehrig, B. Houston. Plastic basket for use with a cart having front and rear baskets. 4,537,413, 8-27-85, Cl. 280-33.99B.
Rehrig, Houston. Protective flange for wheel castor housing. 4,555,123, 11-26-85, Cl. 280-160.000.
Rehrig Pacific Company: *See—*
  Hagan, John A.; and Lafferty, James, 4,520,941, Cl. 220-72.000.
Rehrig, Richard B.: *See—*
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Rehrig, William, Jr., to Rehrig, Richard B. Fluid baffle assembly for a water-cooled welding torch. 4,508,951, 4-2-85, Cl. 219-74.000.
Reibaud, Jean-Louis: *See—*
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Reiber, Dietfried: *See—*
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Reibl, Michael, to Eastman Kodak Company. Compact camera with flash unit. 4,557,571, 12-10-85, Cl. 354-149.110.
Reibling, Robert L., to Whiteway Manufacturing Co. Lighting unit for providing indirect light. 4,504,894, 3-12-85, Cl. 362-296.000.
Reich, Douglas R. Method and means for preventing frost damage to crops. 4,513,529, 4-30-85, Cl. 47-2.000.
Reich, Erwin A., to Texaco Development Corporation. Synthesis gas generation apparatus. 4,494,963, 1-22-85, Cl. 48-69.000.
Reich, Frederich R., to Kirin Beer Kabushiki Kaisha. Methods and apparatus for detecting residual liquid in containers. 4,551,627, 11-5-85, Cl. 250-339.000.
Reich, Fritz: *See—*
  Thalmann, Alfred; and Reich, Fritz, 4,515,177, Cl. 137-318.000.
Reich, George, to Unibody Time Saver Corporation. Vehicle frame clamping and support apparatus. 4,516,423, 5-14-85, Cl. 72-422.000.
Reich, Gunter, to Leybold-Heraeus GmbH. Turbomolecular pump suitable for performing counterflow leakage tests. 4,550,593, 11-5-85, Cl. 73-40.700.
Reich, Gunther, to Leybold-Heraeus GmbH. Thermal conductivity vacuum gage. 4,492,123, 1-8-85, Cl. 73-755.000.
Reich, Heinrich: *See—*
  Strohmaier, Ernst; Reich, Heinrich; and Wagner, Bernd, 4,519,780, Cl. 433-29.000.
Reich, Karl, to Teroson GmbH. Method of preparing sulfonyl isocyanates. 4,517,133, 5-14-85, Cl. 260-545.00R.
Reich, Kurt, to Paul Forkardt GmbH & Co. KG. Power-operated chuck for turning machines. 4,508,357, 4-2-85, Cl. 279-1.00C.
Reich, Richard B., to S. Himmelstein and Company. Torquemeter apparatus. 4,555,956, 12-3-85, Cl. 73-862.320.
Reich Spezialmaschinen GmbH: *See—*
  Abt, Anton, 4,555,969, Cl. 83-471.300.
  Dettelbach, Alfred; and Gresser, Gerhard, 4,535,574, Cl. 51-204.000.
  Dettelbach, Alfred; Gresser, Gerhard; and Einsele, Gerhard, 4,535,965, Cl. 249-83.000.
Reichard, Stefan R., to Sugar Research Limited. Machine for detecting sugar crystals in molasses. 4,538,451, 9-3-85, Cl. 73-61.00R.
Reichardt, Manfred; and Schutzle, Gunter, to Allied Corporation. Plug connection. 4,536,045, 8-20-85, Cl. 339-14.00P.
Reichardt, Manfred: *See—*
  Schutzle, Gunter; and Reichardt, Manfred, 4,556,270, Cl. 339-91.00R.
Reichart, Jane L.: *See—*
  Koblitz, Francis F.; and Reichart, Jane L., 4,504,231, Cl. 433-228.000.
Reichbach, Morris M. Circular integrated circuit package. 4,549,036, 10-22-85, Cl. 174-52.0FP.
Reiche, John C.: *See—*
  Harmon, Larry R.; Reiche, John C.; Bowles, Howard R.; and Chiu, Norman H., 4,533,810, Cl. 219-10.55B.
Reiche, Werner, to Trutzschler GmbH & Co. KG. System for blending textile fibers. 4,531,262, 7-30-85, Cl. 19-145.500.
Reichel, Artur, to Ernst Leitz Wetzlar GmbH. Microtome. 4,505,175, 3-19-85, Cl. 83-703.000.
Reichel, Curtis J., to BASF Wyandotte Corporation. Process for the preparation of polyether-ester polyols. 4,535,178, 8-13-85, Cl. 560-91.000.
Reichel, Curtis J.; and Hartman, Robert J., to BASF Wyandotte Corporation. Process for the preparation of polyether-ester polyols. 4,550,194, 10-29-85, Cl. 560-200.000.
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  Michel, Herbert; Rauscher, Walter; and Reichelt, Achim, 4,541,159, Cl. 29-418.000.
Reichen, Fredy: *See—*
  Marti, Wilhelm; and Reichen, Fredy, 4,542,921, Cl. 285-114.000.
Reichenbach, Dean H.; Stang, John H.; Cummings, Lewis W.; Glasson, Richard E.; and Ruthmansdorfer, David A., to Cummins Engine Company, Inc. Turbocharged internal combustion engine. 4,520,627, 6-4-85, Cl. 60-599.000.
Reichenbach, Donald F.: *See—*
  Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, 4,508,785, Cl. 428-424.400.
  Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, 4,534,888, Cl. 252-511.000.
Reichenberger, Helmut: *See—*
  Hassler, Dieter; Kresse, Heinz; Reichenberger, Helmut; and Naser, Georg, 4,526,168, Cl. 128-303.00R.
Reichert, Dietrich. Method and composition for combating snoring, and the use of surface active substances for the preparation of said composition. 4,556,557, 12-3-85, Cl. 424-94.000.
Reichert, Gilbert A.; and Schuette, Donald K., to Allen-Bradley Company. Spring-biased connector for electrically bonding a device to a supporting wall. 4,496,791, 1-29-85, Cl. 174-51.000.
Reichert, Gunter; Mainzer, Franz; Lehmann, Kurt; and Niermann, Hermann, to Hoechst Aktiengesellschaft. Method for controlling and optionally regulating the level of liquid P_2S_5 in a cooling device. 4,520,631, 6-4-85, Cl. 62-188.000.
Reichert, Harry J., Jr., to General Instrument Corporation. Subscriber terminal for monitoring radio-frequency signal ingress into cable television systems. 4,520,508, 5-28-85, Cl. 455-4.000.

Reichert, Jack R.: *See—*

Jones, Robert A.; and Reichert, Jack R., 4,536,901, Cl. 4-416.000.

Reichert, Walter F., to RCA Corporation. Method of making a gallium arsenide field effect transistor. 4,545,109, 10-8-85, Cl. 29-571.000.

Reichert, William W.: *See—*

Cody, Charles A.; Reichert, William W.; Kemnetz, Steven J.; and Magauran, Edward D., 4,505,886, Cl. 423-616.000.

Reichgott, David W.; and Leary, Michael J., to Betz Laboratories, Inc. Method for cleaning organically fouled anion exchange resins. 4,496,667, 1-29-85, Cl. 521-26.000.

Reichgott, David W.; and Leary, Michael J., to Betz Laboratories, Inc. Method for cleaning organically fouled anion exchange resins using diethylene glycol compound or derivative. 4,511,676, 4-16-85, Cl. 521-26.000.

Reichhold Chemicals, Incorporated: *See—*

Hattrich, George A.; and Byron, Stephen J., 4,514,539, Cl. 524-436.000.

Ladish, Douglas J., 4,544,690, Cl. 524-60.000.

White, James T., Sr.; and Kennedy, Dan J., 4,506,060, Cl. 525-163.000.

Reichhold Limited: *See—*

Kambanis, Stamatis M.; Berchem, Antoine; Gregoire, Dennis; and Rybicky, Jaroslav, 4,537,941, Cl. 527-403.000.

Reichl, Alfred, to Dr. Johannes Heidenhain GmbH. Reference mark designating system for incremental position measuring instruments. 4,491,928, 1-1-85, Cl. 364-562.000.

Reichl, Eric H., to Conoco Inc. Process of ether synthesis. 4,534,772, 8-13-85, Cl. 44-53.000.

Reichl, Richard: *See—*

Kummer, Werner; Koppe, Herbert; Stahle, Helmut; Reichl, Richard; and Kuhn, Franz J., 4,505,912, Cl. 514-236.000.

Renth, Ernst-Otto; Mentrup, Anton; Schromm, Kurt; Traunecker, Werner; and Reichl, Richard, 4,546,102, Cl. 514-259.000.

Reichman, Benjamin; and Byvik, Charles E., to United States of America, National Aeronautics and Space Administration. Method for determining the point of zero zeta potential of semiconductor. 4,511,838, 4-16-85, Cl. 324-71.500.

Reichman, Benjamin: *See—*

Sapru, Krishna; Reichman, Benjamin; and Liang, Gao, 4,511,638, Cl. 429-111.000.

Reichman, James M.; O'Hanlon, Thomas A.; and Kendrew, Thomas J., to Electric Power Research Institute, Inc. Cable reaming apparatus and method. 4,493,379, 1-15-85, Cl. 175-57.000.

Reichman, James M.; O'Hanlon, Thomas A.; and Kendrew, Thomas J., to Electric Power Research Institute, Inc. Cable reaming apparatus and method. 4,534,425, 8-13-85, Cl. 175-53.000.

Reichman, James M.: *See—*

Nelson, Terry L.; and Reichman, James M., 4,498,813, Cl. 405-182.000.

Reichmanis, Elsa; and Wilkins, Cletus W., Jr., to AT&T Bell Laboratories. Bilevel resist. 4,521,274, 6-4-85, Cl. 156-643.000.

Reichmanis, Elsa: *See—*

Chandross, Edwin A.; Reichmanis, Elsa; and Wilkins, Cletus W., Jr., 4,551,416, Cl. 430-311.000.

Reichmann, Wolfgang: *See—*

Heusch, Rudolf; Rasshofer, Werner; Reichmann, Wolfgang; and Richartz, Adolf, 4,518,521, Cl. 252-188.310.

Heusch, Rudolf; Rasshofer, Werner; Reichmann, Wolfgang; and Richartz, Adolf, 4,554,340, Cl. 528-77.000.

Richartz, Adolf; Reichmann, Wolfgang; and Knipp, Ulrich, 4,539,166, Cl. 264-45.100.

Schafer, Walter; Meiners, Hans-Joachim; Seel, Klaus; Reichmann, Wolfgang; Wagner, Kuno; and Findeisen, Kurt, 4,499,038, Cl. 264-51.000.

Reichwein, Roy H.: *See—*

Buckley, Bruce S.; Buckley, Edward M.; and Reichwein, Roy H., 4,557,386, Cl. 209-556.000.

Reick, Franklin G., to Ebert, Michael. Enhanced grease. 4,525,286, 6-25-85, Cl. 252-21.000.

Reid, Albert R.: *See—*

Lukach, Carl; Majewicz, Thomas G.; and Reid, Albert R., 4,523,010, Cl. 536-91.000.

Reid, Alistair: *See—*

Day, Michael A.; and Reid, Alistair, 4,526,885, Cl. 502-327.000.

Reid, Don G.: *See—*

Remedi, James J.; Reid, Don G.; and Ure, Lynette, 4,511,914, Cl. 357-45.000.

Reid, Donald J., to British Gas Corporation. Apparatus for minimizing the amount of fluid leaked from a component in a hydraulic power system when the system has failed. 4,513,774, 4-30-85, Cl. 137-392.000.

Reid, Douglas C. J.; and Stewart, William J., to Plessey Overseas Limited. Optical apparatus for determining the index profile of an optical fibre. 4,551,020, 11-5-85, Cl. 356-73.100.

Reid, Dwight K., to Betz Laboratories, Inc. Methods and compositions for boronizing metallic surfaces. 4,555,326, 11-26-85, Cl. 208-48.00R.

Reid, Gilbert M., to Cypress Group Limited, The. Collapsible shipping container. 4,546,896, 10-15-85, Cl. 220-4.00F.

Reid, James, to Applied Magnetics Corporation. Method of attaching electrical conductors to thin film magnetic transducer. 4,546,541, 10-15-85, Cl. 29-603.000.

Reid, James B., to Jennings, John Edward. Gate operator apparatus. 4,503,723, 3-12-85, Cl. 74-96.000.

Reid, John H. Pumpless clarifier apparatus and process for operation thereof in combination with a draft tube circulator/aerator. 4,512,895, 4-23-85, Cl. 210-627.000.

Reid, John H. Conservation of momentum in a barrier oxidation ditch. 4,521,307, 6-4-85, Cl. 210-194.000.

Reid, John H. Flow control apparatus for aerobic sewage treatment. 4,532,038, 7-30-85, Cl. 210-194.000.

Reid, John H. Conservation of momentum in a barrier oxidation ditch. 4,537,679, 8-27-85, Cl. 210-194.000.

Reid, John H. Conservation of momentum in a barrier oxidation ditch. 4,543,185, 9-24-85, Cl. 210-194.000.

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Reid, John M.: *See—*

Klepper, John R.; Reid, John M.; Miwa, Hirohide; Shimura, Takaki; and Murakami, Keiichi, 4,534,220, Cl. 73-599.000.

Reid, Lee R., to Texas Instruments Incorporated. Solid state three dimensional semiconductor memory array. 4,535,424, 8-13-85, Cl. 365-63.000.

Reid, Lloyd E.; Yao, Keith C.; and Ryan, Douglas G., to Exxon Research & Engineering Co. Used oil re-refining. 4,512,878, 4-23-85, Cl. 208-179.000.

Reid, Lola C. M.; and Rojkind, Marcos, to Albert Einstein College of Medicine of Yeshiva University. Article for culturing differentiated cells. 4,501,815, 2-26-85, Cl. 435-284.000.

Reid, Lorne S. Method for separating lysozyme from egg-white. 4,552,845, 11-12-85, Cl. 435-206.000.

Reid, Michael: *See—*

Noto, Peter; and Reid, Michael, 4,514,178, Cl. 434-395.000.

Reid, Michael J.; Kwasnicki, J. Michael; and Cheung, Nai-Kong V. Immunoassay technique for specific immunoglobulin E. 4,539,292, 9-3-85, Cl. 435-7.000.

Reid, Neil G.: *See—*

Kaalstad, Oscar W.; and Reid, Neil G., 4,549,614, Cl. 175-339.000.

Reid, Norman C. Rowing outrigger. 4,516,941, 5-14-85, Cl. 440-105.000.

Reid, Paul I.; and Waters, Brian R., to English Clays Lovering Pochin & Company, Ltd. Stabilization of photochromic compounds, and the use of stabilized photochromic compounds. 4,503,177, 3-5-85, Cl. 524-87.000.

Reid, Robert A., to CPC Engineering Corporation. Wear ring mount for lift pumps. 4,552,508, 11-12-85, Cl. 415-72.000.

Reid, Robert E.: *See—*

Sepulveda, Frank J.; and Silva, Robert R., 4,537,237, Cl. 160-201.000.

Reid, Robert F.: *See—*

Cramp, John H. W.; Murray, Robert T.; Reid, Robert F.; and Mortier, Roy M., 4,560,248, Cl. 350-96.340.

Reid, Sydney J., Jr.; and Zlotnick, Fredrick, to Motorola, Inc. Volume control for CATV and method therefor. 4,536,798, 8-20-85, Cl. 358-197.000.

Reid, Terry A.: *See—*

Stuntz, Gordon F.; and Reid, Terry A., 4,504,380, Cl. 208-113.000.

Reid, Timothy H.: *See—*

Taylor, Michael N.; and Reid, Timothy H., 4,517,147, Cl. 264-83.000.

Reid, William J.; Zappia, Jean M.; Capocci, Gerald A.; and Spivack, John D., to Ciba-Geigy Corporation. Benzoate-stabilized rigid polyvinyl chloride compositions. 4,555,541, 11-26-85, Cl. 524-180.000.

Reidenbach, Richard T.; and Rozek, Harry J., to Northern Fibre Products Company. Method of making a roofing membrane. 4,529,625, 7-16-85, Cl. 427-186.000.

Reider, Donald F.: *See—*

Van Ocker, William G.; Pawlenko, Ivan; Reider, Donald F.; Troebs, Charles J.; Clair, Robert A.; and Crandall, Stanley C., 4,493,572, Cl. 400-196.100.

Reider, Samuel B.: *See—*

Mar, Henry M.; and Reider, Samuel B., 4,527,390, Cl. 60-224.000.

Reidinger, Russell F., Jr., to Monell Chemical Senses Center. Method and automated device for applying measured amounts of control liquids to the dorsal fur of rodent pests. 4,541,199, 9-17-85, Cl. 43-131.000.

Reidt, Dean K., to Minnesota Mining and Manufacturing Company. Locating fixture assembly. 4,505,034, 3-19-85, Cl. 29-749.000.

Reidt, Dean K.: *See—*

Malmquist, Jerome A.; and Reidt, Dean K., 4,533,129, Cl. 269-207.000.

Reier, John C.: *See—*

Shaffer, Jacob E., Jr.; Reier, John C.; and Tome, Frederick C., Jr., 4,543,468, Cl. 219-279.000.

Reiersgaard, William L.: *See—*

Corbett, Scott S., Jr.; Perrott, Lynn F.; and Reiersgaard, William L., 4,549,663, Cl. 211-13.000.

Reierson, Robert L.; Hussey, Hugh F.; and Woo, Edmund P., to Dow Chemical Company, The. Bicyclic amide ketal derivatives. 4,501,679, 2-26-85, Cl. 252-77.000.

Reif, Robert B.; and McCrady, Paul E., to Santek, Inc. Inlet section for inertial-electrostatic precipitator unit. 4,529,418, 7-16-85, Cl. 55-119.000.

Reif, Robert B.; and Albrechtson, Loren R., to Battelle Development Corporation. Apparatus and method for measuring the concentration of large particles in a gas. 4,531,402, 7-30-85, Cl. 73-28.000.

Reif, Robert B.; and Albrechtson, Loren R., to Battelle Development Corporation. Apparatus and method for measuring the concentration of particles in a gas. 4,531,486, 7-30-85, Cl. 123-198.0DC.

Reifenhauser GmbH & Co. Maschinenfabrik: *See—*

Halter, Hartmut, 4,552,317, Cl. 242-65.000.

Reifers, Richard F.: *See—*

Bixler, Kenneth D.; Reifers, Richard F.; and Lord, Henry A., 4,492,331, Cl. 229-2.5EC.

Reiff, Donald P., to Harnischfeger Corporation. Stacker crane for narrow aisles. 4,523,88[illegible], 6-18-85, Cl. 414-664.000.

Reiff, Friedrich; Hartner, Hartmut; Basedow, Arno; Hugenbusch, Hans-Wolfgang; Schmidt, Peter C.; and Bardonner, Hans, to Merck Patent Gesellschaft mit beschrankter Haftung. Sorbitol, process for its preparation, and use thereof. 4,507,511, 3-26-85, Cl. 568-852.000.

Reiff, Harro, to Karl Mengele & Sohne. Device for stacking cut plates in plate shears. 4,520,933, 6-4-85, Cl. 209-606.000.

Reiff, Helmut: *See—*
Kopp, Richard; Grogler, Gerhard; Reiff, Helmut; and Dieterich, Dieter, 4,496,491, Cl. 260-453.0AR.
Scholl, Hans-Joachim; Reiff, Helmut; and Sachs, Hanns I., 4,528,117, Cl. 252-312.000.

Reiff, Thomas F.: *See—*
Hale, Richard A.; Olsson, Nils O.; and Reiff, Thomas F., 4,526,377, Cl. 277-9.000.

Reiff, Werner: *See—*
Kehrer, Hans-Peter; Villain, Juergen; and Reiff, Werner, 4,537,793, Cl. 427-35.000.

Reiffer, Johannes: *See—*
Disteldorf, Josef; Hubel, Werner; and Reiffer, Johannes, 4,549,991, Cl. 260-453.0PH.

Reifferscheid, Karl J.: *See—*
Wolfsgruber, Friedrich; Weiser, Ernst A.; Gmohling, Werner; Kern, Hans; and Reifferscheid, Karl J., 4,540,436, Cl. 75-130.00A.

Reiffert, Werner; Peters, Dieter; and Wiendahl, Joachim, to Neuhaus, J. D. Pneumatic control valve. 4,515,183, 5-7-85, Cl. 137-625.210.

Reifschneider, Walter; and Larson, Larry L., to Dow Chemical Company, The. Phosphorus derivatives of 2-fluoroalkyl-5-pyrimidinols useful as insecticides. 4,558,039, 12-10-85, Cl. 514-86.000.

Reifsteck, David A.: *See—*
Goines, Fredrick J.; and Reifsteck, David A., 4,534,143, Cl. 52-169.500.

Reiji, Hirai: *See—*
Tetsuya, Iwao; Reiji, Hirai; and Yoshinori, Ashida, 4,542,005, Cl. 423-347.000.

Reiji, Oguma; and Akihiro, Hirai, to Toshiba Ceramics Co., Ltd. Infrared absorbing quartz glass with iron and aluminum. 4,500,642, 2-19-85, Cl. 501-54.000.

Reijonen, Veli. Procedure for drawing water from a ground water store. 4,495,991, 1-29-85, Cl. 166-250.000.

Reik, Wolfgang, to Luk Lamellen und Kupplungsbau GmbH. Diaphragm spring for use in friction clutches and the like. 4,496,137, 1-29-85, Cl. 267-161.000.

Reik, Wolfgang, to Luk Lamellen und Kupplungsbau GmbH. Friction clutch. 4,513,849, 4-30-85, Cl. 192-70.270.

Reik, Wolfgang, to Luk Lamellen und Kupplungsbau GmbH. Multiple-disc friction clutch and diaphragm spring therefor. 4,538,716, 9-3-85, Cl. 192-70.290.

Reik, Wolfgang, to Luk Lamellen und Kupplungsbau GmbH. Friction clutch and diaphragm spring therefor. 4,541,514, 9-17-85, Cl. 192-70.270.

Reil, Vladimir. Sterile earlobe piercing assembly. 4,527,563, 7-9-85, Cl. 128-329.00R.

Reil, Wilhelm; Deutschbein, Ulrich; and Wallich, Manfred, to Tetra Pak Developpement S.A. Apparatus for moulding a plastics component onto a length of flexible web material and method for same. 4,525,318, 6-25-85, Cl. 264-259.000.

Reil, Wilhelm, to Tetra Pak Developpement S.A. Package for flowable materials with foldlines reinforced by strips. 4,526,314, 7-2-85, Cl. 229-3.100.

Reil, Wilhelm, to Tetra Pak Developpement S.A. Apparatus for sealing a liquid pack. 4,546,592, 10-15-85, Cl. 53-373.000.

Reil, Wilhelm, to Tetra Pak Developpement S.A. Cutting device for a flexible web. 4,548,110, 10-22-85, Cl. 83-176.000.

Reiland, Dennis J., to General Foundry Products Corporation. High pressure molding riser. 4,526,338, 7-2-85, Cl. 249-197.000.

Reiley, Timothy C.: *See—*
Chance, Dudley A.; Reiley, Timothy C.; and Sampogna, Michael, 4,555,285, Cl. 156-89.000.

Reilich, David G.: *See—*
Jenkins, Robert D., 4,516,341, Cl. 40-152.000.

Reiling, Gilbert H.: *See—*
Graves, James A.; and Reiling, Gilbert H., 4,499,401, Cl. 313-315.000.

Reiling, Karl; and Reiling, Reinhold. Device for fixing a drill to be ground. 4,547,999, 10-22-85, Cl. 51-219.00R.

Reiling, Reinhold: *See—*
Reiling, Karl; and Reiling, Reinhold, 4,547,999, Cl. 51-219.00R.

Reilly, David M.: *See—*
Howard, James W.; and Reilly, David M., 4,554,447, Cl. 250-216.000.

Reilly, James E.: *See—*
Smith, James A.; and Reilly, James E., 4,559,157, Cl. 252-90.000.

Reilly, Kenneth T.: *See—*
Douglas, Alan D.; and Reilly, Kenneth T., 4,521,381, Cl. 423-49.000.
Douglas, Alan D.; Reilly, Kenneth T.; and Landmesser, John E., 4,557,906, Cl. 423-49.000.

Reilly, Laurence W., Jr., to USV Pharmaceutical Corporation. Process for the purification of N-morpholinoalkyl dihydropyridines. 4,503,223, 3-5-85, Cl. 544-122.000.

Reilly, Laurence W., Jr., to Minnesota Mining and Manufacturing Company. Water soluble michlers ketone analogs. 4,507,497, 3-26-85, Cl. 562-441.000.

Reilly, Laurence W., Jr.; and Barton, Jeffrey N., to USV Pharmaceutical Corporation. Process for the separation of (S,S) diastereoisomers. 4,542,234, 9-17-85, Cl. 560-38.000.

Reilly, Patrick J. Hand-operated knitting apparatus. 4,542,632, 9-24-85, Cl. 66-64.000.

Reilly, Paul: *See—*
Holland, Charles J.; Holberger, Kenneth D.; Epstein, David I.; Reilly, Paul; and Rosen, Josh, 4,554,627, Cl. 364-200.000.

Reilly, Phillip B.: *See—*
Hoover, Merwin F.; Reilly, Phillip B.; Salamone, Ann B.; and Vandebult, Jan, 4,560,445, Cl. 204-15.000.

Reilly, Robert J.; and Gillberg, James E., to RCA Corporation. Detection circuitry with multiple overlapping thresholds. 4,529,892, 7-16-85, Cl. 307-361.000.

Reilly, Roger D., to Deere & Company. Anti-blowout plate for multispindle mower decks. 4,543,773, 10-1-85, Cl. 56-13.600.

Reilor Limited: *See—*
Blenkinsop, Philip T., 4,497,133, Cl. 49-31.000.

Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, to VEB Forster Tuchfabriken. Method for the finishing of textile sheets. 4,554,715, 11-26-85, Cl. 28-107.000.

Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, to VEB Forst. Textile sheet with surface effects. 4,555,424, 11-26-85, Cl. 428-91.000.

Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, to VEB Forster Tuchfabriken. Textile sheet with specific surface effects. 4,555,425, 11-26-85, Cl. 428-91.000.

Reim, Paul. Arrangement for exchangeably framing pictures. 4,516,342, 5-14-85, Cl. 40-156.000.

Reim, Werner; and Garthe, Horst, to IWK Verpackungstechnik GmbH. Insert packaging device. 4,502,262, 3-5-85, Cl. 53-157.000.

Reim, Werner; and Pluschow, Dieter, to IWK Verpackungstechnik GmbH. Insertion apparatus. 4,553,659, 11-19-85, Cl. 198-372.000.

Reimann, George J., to Mobil Oil Corporation. Apparatus and method for forming and stacking plastic bags. 4,526,639, 7-2-85, Cl. 156-182.000.

Reimann, George J., to Mobil Oil Corporation. Thermoplastic bag pack. 4,560,067, 12-24-85, Cl. 206-554.000.

Reimann, Hans; Frydman, Allen; and Fuchs, Uwe, to Linde Aktiengesellschaft. Process for the biological purification of waste water. 4,500,429, 2-19-85, Cl. 210-616.000.

Reimann, Horst; Ziegler, Walter; Brandstetter, Franz; Theysohn, Rainer; and Pflueger, Richard, to BASF Aktiengesellschaft. Nylon molding materials having high impact strength. 4,554,320, 11-19-85, Cl. 525-183.000.

Reimann, Horst: *See—*
Woerner, Frank P.; Reimann, Horst; Mahnke, Harald; Neumann, Peter; Turznik, Gerhard; and Kaeppel, Hanshelmut, 4,530,940, Cl. 521-124.000.

Reimann, Robert C.; and Root, Richard A., to United States of America, Energy. Direct fired absorption machine flue gas recuperator. 4,548,048, 10-22-85, Cl. 62-238.300.

Reimann, Robert C.: *See—*
Sarkisian, Paul H.; Reimann, Robert C.; and Biermann, Wendell J., 4,542,628, Cl. 62-335.000.

Reimels, Harry G., to Mentor O & O, Inc. Disposable coagulator. 4,548,207, 10-22-85, Cl. 128-303.170.

Reimer, Heinz: *See—*
Bromme, Irmfried; Brunner, Reinhold; and Reimer, Heinz, 4,511,993, Cl. 364-900.000.

Reimer, Peter, to Index Supply Company, Inc. Mechanized self evacuating fragmentary ice storage bin. 4,541,252, 9-17-85, Cl. 62-344.000.

Reimer, William A., to GTE Communication Systems Corporation. Printed wiring board interconnect arrangement. 4,498,717, 2-12-85, Cl. 339-17.0LM.

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Reimer, William A., to GTE Automatic Electric Laboratories Incorporated. Electrical apparatus frame. 4,505,394, 3-19-85, Cl. 211-41.000.

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- Reinhardt, Victor: *See—*
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- Reinhart, Alberto J., deceased; by Reinhart, Edoardo, legal representative; by Reinhart, Fabio, legal representative; by Reinhart, Federico, legal representative; by Reinhart, Giacomo, legal representative; and by Reinhart, Pietro, legal representative. Pipe cleaning equipment. 4,538,316, 9-3-85, Cl. 15-104.06R.
- Reinhart, Edoardo, legal representative: *See—*
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- Reinhart, Federico, legal representative: *See—*
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- Reinheimer, Guenter; and Kraft, Winfried, to Ernst Leitz Wetzlar GmbH. Device for checking the light source adjustment in an incident light microscope. 4,501,476, 2-26-85, Cl. 350-520.000.
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- Reinhold, Herbert E., Jr.; and Auerbach, Albert A., to Survival Technology, Inc. Ambulatory monitoring system with real time analysis and telephone transmission. 4,531,527, 7-30-85, Cl. 128-696.000.
- Reinhold, Holger, to TAMPOflex GmbH. Ink applicator for a tampon printing machine. 4,545,301, 10-8-85, Cl. 101-163.000.
- Reinhold, Karl-Heinz: *See—*
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- Reinhold, Klaus, to Windmoller & Holscher. Burner for heating air and disposed in a passage through which air flows. 4,492,563, 1-8-85, Cl. 431-264.000.
- Reinhold, Ralph R., to Boeing Company, The. Electrodynamic scanner and stabilizer. 4,538,880, 9-3-85, Cl. 350-6.600.
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- Reinholdt, Bernd; and Bock, Hans-Christian, to Weatherford Oil Tool GmbH. Apparatus for screwing pipes together. 4,492,134, 1-8-85, Cl. 81-57.340.
- Reini, Donald N. Log lifter for log splitter. 4,544,008, 10-1-85, Cl. 144-193.00A.
- Reinicke, Raymond C. Nail clipper receptacle. 4,550,496, 11-5-85, Cl. 30-124.000.
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- Reinitz, Ernest: *See—*
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- Reinke, Kurt, to Durkoppwerke GmbH. Stitch correction method and apparatus for a sewing machine. 4,534,304, 8-13-85, Cl. 112-262.100.
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- Reinking, Klaus: *See—*
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  - Halberschmidt, Friedrich; Reinmold, Heinz-Josef; and Audi, Josef, 4,528,780, Cl. 51-165.800.
- Reinmuth, Klaus: *See—*
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  - Schwetz, Karl A.; Reinmuth, Klaus; Hunold, Klaus; and Isemann, Franz, 4,524,138, Cl. 501-90.000.
- Reinschreiber, Jonathan P.: *See—*
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- Reinshagen, John H.: *See—*
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  - Weller, Gerhard; Rosenfeldt, Bernd; and Reis, Edmund, 4,491,981, Cl. 455-602.000.
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- Reisberg, Joseph; Bielamowicz, Lawrence J.; and Thigpen, David R., to Shell Oil Company. Recovering oil by injecting aqueous alkali, cosurfactant and gas. 4,493,371, 1-15-85, Cl. 166-274.000.
- Reisberg, Joseph: *See—*
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- Reisch, Michael L.: *See—*
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- Reischer, Wilhelm: *See—*
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  - Jundt, Werner; and Reischl, Rolf, 4,528,957, Cl. 123-440.000.
  - Kosak, Wolfgang; Reischl, Rolf; and Pschera, Andreas, 4,541,389, Cl. 123-490.000.
- Reisem, Daniel E., to Minnesota Mining and Manufacturing Company. Momentary contact magnetic switch. 4,513,271, 4-23-85, Cl. 335-205.000.
- Reiser, Carl A.; and Maricle, Donald L., to United Technologies Corporation. Molten carbonate fuel cell integral matrix tape and bubble barrier. 4,526,845, 7-2-85, Cl. 429-41.000.
- Reiser, Carl A.: *See—*
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- Reisgies, Rolf W.; and Camren, Robert, to Germania Dairy Automation, Inc. Milk sweep method and apparatus for automated milking systems. 4,516,530, 5-14-85, Cl. 119-14.080.
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Reiss, Leon G.: *See—*
Semones, Burley C.; and Reiss, Leon G., 4,504,755, Cl. 310-156.000.
Reiss, Linda. Hot/cold food dispensing machine. 4,513,879, 4-30-85, Cl. 221-150.0HC.
Reiss, Ronald J.: *See—*
Rica, Albert F.; Davis, John C.; and Reiss, Ronald J., 4,494,363, Cl. 53-426.000.
Reissenweber, Gernot; Kersten, Siegfried; Ditter, Walter; and Jacobs, Peter, to BASF Aktiengesellschaft. Preparation of pyrocatechol methylcarbamate. 4,537,986, 8-27-85, Cl. 560-132.000.
Reisser, Fritz, to Sandoz Ltd. Triazoles, and their use against insect pests. 4,499,280, 2-12-85, Cl. 548-255.000.
Reissig, George W., to PPG Industries, Inc. Method of controlling article speed during edge grinding. 4,525,958, 7-2-85, Cl. 51-283.00E.
Reissmann, Klaus: *See—*
Aykut, Kurt; and Reissmann, Klaus, 4,518,075, Cl. 198-460.000.
Reist, Parker C. Gas filter apparatus and method of filtering. 4,536,200, 8-20-85, Cl. 55-96.000.
Reist, Walter, to Ferag AG. Apparatus for removing from a product stream conveyed by means of a conveyor device flexible, flat products, especially printed products. 4,498,664, 2-12-85, Cl. 271-204.000.
Reist, Walter; and Eberle, Jurg, to Ferag AG. Apparatus for transporting continuously arriving flat paper products, especially a stream of printed products arriving in an imbricated formation. 4,512,457, 4-23-85, Cl. 198-479.000.
Reist, Walter, to Ferag AG. Folded printed sheet or printed sheet intended to be folded and method and apparatus for fabrication thereof. 4,523,775, 6-18-85, Cl. 283-36.000.
Reist, Walter, to Ferag AG. Apparatus for pulling apart flat products, especially printed products arriving in an imbricated product stream. 4,534,550, 8-13-85, Cl. 271-183.000.
Reist, Walter, to Ferag AG. Apparatus for addressing newspapers, journals and other printed products. 4,538,161, 8-27-85, Cl. 346-140.00R.
Reister, Richard A. Refrigerator shelf doors. 4,500,147, 2-19-85, Cl. 312-291.000.
Reitemeyer, Otto: *See—*
Obenaus, Fritz; Nierlich, Franz; Reitemeyer, Otto; and Scholz, Bernhard, 4,517,395, Cl. 585-259.000.
Reiter GmbH: *See—*
Reiter, Josef, 4,541,458, Cl. 139-55.100.
Reiter, Godfrey, to Procter & Gamble Company, The. Method for severing a laminated web containing a dimensionally heat unstable layer to produce non-linear shirred edges. 4,543,154, 9-24-85, Cl. 156-73.100.
Reiter, Jeffrey S.: *See—*
Schneider, Daniel J.; and Reiter, Jeffrey S., 4,547,412, Cl. 428-35.000.
Reiter, Josef, to Reiter GmbH; and OMM Officine Meccanotessili Monza S.p.A. Electromechanical control means for controlling movement sequences in a textile machine. 4,541,458, 9-17-85, Cl. 139-55.100.
Reiter, Jozsef: *See—*
Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.
Reiter, Lawrence A., to Pfizer Inc. 2-(N-substituted guanidino)-4-hetero-arylthiazole antiulcer agents. 4,560,690, 12-24-85, Cl. 514-256.000.
Reiter, Robert C., to Material Control, Inc. Conveyor belt cleaner. 4,533,035, 8-6-85, Cl. 198-499.000.
Reiter, Stephen E.: *See—*
Knudsen, Ronald D.; and Reiter, Stephen E., 4,518,814, Cl. 585-523.000.
Reiter, Steven: *See—*
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Ott, Rudi; and Reith, Heribert, 4,508,599, Cl. 204-10.000.
Reith, Michael W.: *See—*
Mayer, Robert A.; Reith, Michael W.; and Odell, Jack L., II, 4,541,011, Cl. 358-106.000.
Reith, Walter: *See—*
Walter, Lothar; and Reith, Walter, 4,511,188, Cl. 308-6.00C.
Walter, Lothar; and Reith, Walter, 4,514,017, Cl. 308-6.00C.
Walter, Lothar; and Reith, Walter, 4,550,479, Cl. 29-148.40C.
Walter, Lothar; Reith, Walter; and Winkler, Otmar, 4,553,796, Cl. 308-6.00C.
Reith, Werner, to Mannesmann Rexroth GmbH. Arrangement for controlling a hydraulic motor. 4,531,449, 7-30-85, Cl. 91-420.000.
Reitmaa, Ilpo: *See—*
Martio, Asko; Reitmaa, Ilpo; and Lautamo, Esa, 4,498,479, Cl. 128-639.000.
Reitmeier, Glenn A., to RCA Corporation. Digital television signal processing system. 4,502,074, 2-26-85, Cl. 358-23.000.
Reitmeier, Glenn A.; and Aschwanden, Felix, to RCA Corporation. Digital phase comparator circuit producing sign and magnitude outputs. 4,506,175, 3-19-85, Cl. 307-525.000.
Reitmeier, Glenn A., to RCA Corporation. Error concealment system using dropout severity information for selection of concealment method. 4,517,600, 5-14-85, Cl. 358-166.000.
Reitmeier, Glenn A.; and Thompson, Charles R., to RCA Corporation. Synchronization system that uses all valid signals. 4,518,996, 5-21-85, Cl. 358-148.000.
Reitmeier, Glenn A.: *See—*
Hamalainen, Kaarlo J.; and Reitmeier, Glenn A., 4,500,930, Cl. 358-310.000.
Reitter, Richard G., II, to Reitter Stucco, Inc. Building panel and process for making. 4,558,552, 12-17-85, Cl. 52-741.000.
Reitter Stucco, Inc.: *See—*
Reitter, Richard G., II, 4,558,552, Cl. 52-741.000.
Reitz, Kay M.: *See—*
Peralta, Eduardo J.; and Reitz, Kay M., 4,562,439, Cl. 343-17.10R.
Reitze, Frederick T. Key holder. 4,512,168, 4-23-85, Cl. 70-456.00R.
Reitzel, Henry M., to Stant Inc. One-piece cap. 4,497,419, 2-5-85, Cl. 220-302.000.
Reizig, Hans-Jurgen; Meuters, Friedrich; and Louen, Hans-Richard, to Thyssen Aktiengesellschaft vorm. August Thyssen-Hutte. Process for cropping the head of self-luminous rolled material, especially metal strips and system for cropping the head. 4,497,192, 2-5-85, Cl. 72-203.000.
Rejc, Danilo, to Eta Cerkno. Thermostat for refrigerators with a constant switching-on and adjustable switching-off temperature. 4,547,760, 10-15-85, Cl. 337-323.000.
Rejwan, Sasson, to Berkey Photo, Inc. Apparatus for cataloguing photographs and negatives. 4,530,176, 7-23-85, Cl. 40-359.000.
Rek, Johannes H. M., to Lever Brothers Company. Aqueous alkaline liquid detergent composition. 4,556,504, 12-3-85, Cl. 252-135.000.
Rekers, John W., to Milliken Research Corporation. Radiation-stable polyolefin compositions containing aromatic ketone compounds. 4,515,666, 5-7-85, Cl. 204-159.200.
Rekers, Louis J.; and Katzen, Stanley J., to National Distillers and Chemical Corporation. Process for polymerizing high melt index olefins and polymerization catalysts used therefore. 4,496,699, 1-29-85, Cl. 526-105.000.
Rekers, Louis J.: *See—*
Mayhew, Harry W.; French, Richard J.; and Rekers, Louis J., 4,540,755, Cl. 526-100.000.
Rekewitz, Rudolf; and Wambach, Hermann, to Siemens Aktiengesellschaft. Paper feed mechanism with varying contact pressure. 4,537,521, 8-27-85, Cl. 400-637.600.
Rekow, Vernon C., to Champion International Corporation. Mailing container and blank therefor. 4,548,323, 10-22-85, Cl. 206-611.000.
Rekuperator KG Dr.-Ing. Schack & Co.: *See—*
Winter, Karl, 4,516,985, Cl. 55-18.000.
Winter, Karl, 4,516,988, Cl. 55-59.000.
Related Energy & Security Systems, Inc.: *See—*
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Releasomers, Inc.: *See—*
Allardice, John M., 4,547,544, Cl. 524-267.000.
Allardice, John M., 4,554,122, Cl. 264-130.000.
Reliability, Inc.: *See—*
Jones, Daniel P., 4,507,544, Cl. 219-209.000.
Reliable Security Systems, Inc.: *See—*
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Reliance Electric Company: *See—*
Baker, Richard H.; Chu, David L.; and Chambers, Derek, 4,523,269, Cl. 363-138.000.
Baumbach, Bertram W., 4,502,088, Cl. 361-124.000.
Crutcher, W. Larkin, 4,546,322, Cl. 329-50.000.
Dillon, Philip L., 4,554,504, Cl. 323-356.000.
Downey, Holmes A., 4,536,170, Cl. 464-80.000.
Fisher, Thomas M., 4,523,056, Cl. 179-81.00R.
Heshmat, Hooshang, 4,531,845, Cl. 384-406.000.
Johnson, James D.; Belden, Byron B.; and Kamp, Terrence A., 4,525,094, Cl. 403-11.000.
Kamiller, Neil A., 4,521,841, Cl. 363-45.000.
Kammiller, Neil A.; and Ivanov, Nedyalko V., 4,493,017, Cl. 363-132.000.
Kammiller, Neil A., 4,521,842, Cl. 363-71.000.
Kammiller, Neil A., 4,525,674, Cl. 328-63.000.
Kammiller, Neil A., 4,551,668, Cl. 323-234.000.
Niese, Leo J.; and Sharlow, Gary R., 4,520,853, Cl. 141-168.000.

  Patoray, Stephen A., 4,526,246, Cl. 177-179.000.
  Thompson, Dennis R., 4,494,889, Cl. 403-4.000.
  Toda, Toshiharu, 4,491,893, Cl. 361-120.000.
  Woyton, Joseph T.; and Grant, George G., 4,534,114, Cl. 33-181.00R.
  Woyton, Joseph T., 4,553,335, Cl. 33-181.00R.
Reliance Universal, Inc.: *See—*
  Matejka, Robert C.; and Moretz, Nellie M., 4,517,228, Cl. 427-370.000.
  Rehfuss, John W.; Hazelwood, Louis S.; Price, Martin B.; and Zilke, Robert W., Jr., 4,521,489, Cl. 428-412.000.
  Rehfuss, John W.; Hazelwood, Louis S.; and Price, Martin B., 4,524,173, Cl. 524-512.000.
Rellermeyer, Heinrich; and Kaas, Werner, to Thyssen Aktiengesellschaft vorm. August Thyssen-Hutte. Process for preparing binder-free hot-briquets. 4,533,384, 8-6-85, Cl. 75-0.5BA.
Rellick, Joseph R., to Du Pont de Nemours, E. I., and Company. Conductive element metallized with a thick film silver composition. 4,544,611, 10-1-85, Cl. 428-673.000.
Rellick, Joseph R., to Du Pont de Nemours, E. I., and Company. Conductive element metallized with a thick film gold composition. 4,547,436, 10-15-85, Cl. 428-672.000.
Relyea, Elton H.: *See—*
  Kroupa, Loretta A.; and Relyea, Elton H., 4,500,659, Cl. 523-213.000.
Relyea, Keith E.: *See—*
  Sweeny, Norman P.; Relyea, Keith E.; and Brustad, Wayne L., 4,493,869, Cl. 428-201.000.
Relyveld, Edgar H.; and Henocq, Emile, to Institut Pasteur. Allergenic compositions. 4,552,756, 11-12-85, Cl. 424-88.000.
Rem Chemicals, Inc.: *See—*
  Michaud, Mark D.; Michaud, Robert G.; Tirendi, Frank; and Zobbi, Robert G., 4,491,500, Cl. 156-628.000.
Remaley, Edward G.: *See—*
  Powers, John H.; and Remaley, Edward G., 4,521,463, Cl. 427-435.000.
Rembaum, Alan; and Yen, Richard C. K., to California Institute of Technology. Hybrid microspheres. 4,534,996, 8-13-85, Cl. 427-44.000.
Rembold, Bernhard; and Solbach, Klaus, to Licentia Patent-Verwaltungs-GmbH. Microwave directional antenna employing surface wave mode. 4,536,767, 8-20-85, Cl. 343-785.000.
Rembold, Helmut, to Robert Bosch GmbH. Method and apparatus for controlling the supercharger of an internal combustion engine. 4,508,090, 4-2-85, Cl. 123-564.000.
Rembold, Helmut; and Ruoff, Manfred, to Robert Bosch GmbH. Vane type compressor with elastic sealings. 4,529,366, 7-16-85, Cl. 418-136.000.
Rembold, Helmut; and Ruoff, Manfred, to Robert Bosch GmbH. Vane type compressor with double-wall vanes. 4,541,790, 9-17-85, Cl. 418-137.000.
Rembold, John P.: *See—*
  Levesque, Adelard, Jr.; and Rembold, John P., 4,509,110, Cl. 364-153.000.
Remco Italia S.p.A.: *See—*
  Mancini, Paolo; Taddei, Alessandro; Macerata, Alberto; and Marchesi, Carlo, 4,537,202, Cl. 128-712.000.
Remcor Products Company: *See—*
  Koeneman, Robert M.; Miller, Benjamin D.; Jablonski, Thaddeus M.; and Schafer, Albert L., 4,513,892, Cl. 222-235.000.
Remcut International Inc.: *See—*
  Montiero, Richard, 4,524,511, Cl. 30-108.000.
Remedi, James J.; Reid, Don G.; and Ure, Lynette, to Motorola, Inc. Power bus routing for providing noise isolation in gate arrays. 4,511,914, 4-16-85, Cl. 357-45.000.
Remenicky, Joseph M., to Sargent & Greenleaf, Inc. Variable position quick mount combination lock. 4,512,167, 4-23-85, Cl. 70-443.000.
Remes, R. Scott; and Thompson, Paul J., to Minnesota Valley Engineering, Inc. Liquid container. 4,548,335, 10-22-85, Cl. 220-466.000.
Remes, Wally A.: *See—*
  Young, Hartley F.; Remes, Wally A.; and Collins, John L., 4,494,463, Cl. 104-17.00A.
Remet Corporation: *See—*
  Feagin, Roy C., 4,504,591, Cl. 501-102.000.
Remijan, Paul W., to Randwal Instrument Co., Inc. Ophthalmic testing devices. 4,541,697, 9-17-85, Cl. 351-211.000.
Remijan, Paul W., to Randwal Instrument Co., Inc. Apparatus for position encoding. 4,542,989, 9-24-85, Cl. 356-373.000.
Remington, John L.; and Seidel, Harry W., to Stanley Works, The. Tool handling and transportation system. 4,535,897, 8-20-85, Cl. 211-70.600.
Remington Products, Inc.: *See—*
  Wegrzyn, Richard J., 4,540,976, Cl. 340-539.000.
Remington, Richard C.; and Bott, Lonnie C., to Presto Lock, Inc. Electronic lock. 4,495,540, 1-22-85, Cl. 361-172.000.
Remington, Richard C., to Presto Lock, Inc. Bistable electromagnetic latch. 4,523,167, 6-11-85, Cl. 335-230.000.
Remington, William R.: *See—*
  Krahler, Stanley E.; and Remington, William R., 4,517,376, Cl. 560-87.000.
Remmel, Hans: *See—*
  Schwarze, Werner; Kleemann, Axel; Remmel, Hans; and Hohn, Wolfgang, 4,520,209, Cl. 560-124.000.
Remmele, Bernhard: *See—*
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  Kuhlmann, Gerhard; and Remmele, Bernhard, 4,550,500, Cl. 30-392.000.
Remmerfelt, Arne; and Larsson, Sten, to AB Volvo. Crankshaft for combustion engines. 4,534,241, 8-13-85, Cl. 74-597.000.
Remmler, A. Kathe, heir: *See—*
  Remmler, Andreas, deceased; Remmler, Heinz, heir; and Remmler, A. Kathe, heir, 4,509,754, Cl. 273-142.00J.
Remmler, Andreas, deceased; by Remmler, Heinz, heir; and by Remmler, A. Kathe, heir. Electric game apparatus with rotating marker. 4,509,754, 4-9-85, Cl. 273-142.00J.
Remmler, Heinz, heir: *See—*
  Remmler, Andreas, deceased; Remmler, Heinz, heir; and Remmler, A. Kathe, heir, 4,509,754, Cl. 273-142.00J.
Remo, Inc.: *See—*
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Remond, Georges: *See—*
  Vincent, Michel; Remond, Georges; and Laubie, Michel, 4,508,729, Cl. 514-419.000.
Remond, Pierre: *See—*
  Deborde, Albert H.; and Remond, Pierre, 4,498,639, Cl. 242-47.010.
  Deborde, Albert H.; and Remond, Pierre, 4,512,375, Cl. 139-435.000.
Remote Switch Systems, Inc.: *See—*
  Fields, Gary C.; and Long, Gary E., 4,520,234, Cl. 179-2.00A.
Remote Technology Corp.: *See—*
  Walker, Kenneth L.; and Farnstrom, Kenneth A., 4,530,522, Cl. 285-91.000.
Remote Vision Systems Limited Partnership: *See—*
  Warner, James, 4,539,595, Cl. 358-210.000.
Remp, Thomas E., Jr.: *See—*
  Dreyfuss, Wilfried; Remp, Thomas E., Jr.; and Muller, Kurt, 4,492,666, Cl. 264-261.000.
Rempel, Dieter: *See—*
  Binsack, Rudolf; Rempel, Dieter; Lindner, Christian; and Morbitzer, Leo, 4,535,124, Cl. 525-67.000.
  Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, 4,515,918, Cl. 524-504.000.
Rempel, Garry L.; and Azizian, Hormoz, to Polysar Limited. Polymer hydrogenation process. 4,503,196, 3-5-85, Cl. 525-338.000.
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  Schurter, Rolf; and Rempfler, Hermann, 4,505,743, Cl. 71-94.000.
Rems-Werk Christian Foll und Sohne GmbH & Co.: *See—*
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  Wagner, Rudolf, 4,502,821, Cl. 408-124.000.
Remus, Casimer F., to Allied Corporation. Hermetically sealed drive. 4,550,630, 11-5-85, Cl. 74-800.000.
Remy, David C.; and Clineschmidt, Bradley V., to Merck & Co., Inc. Anti-emetic esters of cyproheptadine-3-carboxylic acid and structurally related compounds. 4,522,821, 6-11-85, Cl. 514-320.000.
Remy, Francis: *See—*
  Marhic, Gerard; Schaff, Didier; and Remy, Francis, 4,555,609, Cl. 219-121.0PC.
Remy, Michel N.; Delaite, Jean-Francois; and Woirgard, Guy J., to Autocoussin. Automatic machine for curving, in a spatial configuration, thin and rectilinear metal elements, more especially metal wires. 4,555,924, 12-3-85, Cl. 72-307.000.
Ren, Chung-Li; Thompson, Matthew V.; and Wang, Han-Chiu, to AT&T Bell Laboratories. Filter for existing waveguide structures. 4,500,859, 2-19-85, Cl. 333-208.000.
Renal Systems, Inc.: *See—*
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  Cosentino, Louis C., 4,496,349, Cl. 604-175.000.
  Cosentino, Louis C., 4,496,350, Cl. 604-175.000.
Renalls, Brenda L.; Pedrotty, Douglas G.; and Donlan, John F., to Minnesota Mining and Manufacturing Company. Magnetic recording medium having opaque polyester film base. 4,546,036, 10-8-85, Cl. 428-323.000.
Renals, Martin, to U.S. Philips Corporation. Infrared radiation detector. 4,556,796, 12-3-85, Cl. 250-338.000.
Renard, Lucien: *See—*
  Moore, Jean-Pierre; Winand, Rene ; Weymeersch, Alain; and Renard, Lucien, 4,559,123, Cl. 204-206.000.
Renard, Michel, to Moteurs Leroy-Somer. Electrotechnical device for regulating asynchronous rotating machines. 4,532,465, 7-30-85, Cl. 318-814.000.
Renardus, Max L. P.; and Sieswerda, Bauke, to U.S. Philips Corporation. Low-pressure mercury vapor discharge lamp. 4,546,284, 10-8-85, Cl. 313-25.000.
Renato Bosisio: *See—*
  Li, Shihe, 4,521,728, Cl. 324-58.00R.
Renaud, Bruce J. Convertible design surface, and method for forming the design. 4,513,991, 4-30-85, Cl. 283-1.00R.
Renaud, Henry H., Jr.: *See—*
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Renaud, Maurice, to Renaud, Maurice. T-assembly and method of obtaining same. 4,507,844, 4-2-85, Cl. 29-522.00R.
Renaud, Pierre, to Valeo. Clutch release bearing. 4,498,565, 2-12-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Pull type clutch releasing bearings and method of attaching clutch release bearing to clutch fork. 4,498,566, 2-12-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Clutch release bearing. 4,519,488, 5-28-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Clutch release bearing control mechanism. 4,524,856, 6-25-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Clutch release bearing. 4,529,075, 7-16-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Pull-type clutch release bearing. 4,529,076, 7-16-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Control linkage for a driven component. 4,529,077, 7-16-85, Cl. 192-99.00S.

Renaud, Pierre, to Valeo. Clutch release bearing with spacer member. 4,537,294, 8-27-85, Cl. 192-98.000.

Renaud, Pierre, to Valeo. Clutch release device. 4,560,052, 12-24-85, Cl. 192-98.000.

Renaudin, Yves: *See—*
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Renault, Christian: *See—*
- Dubroeucq, Marie-Christine; Renault, Christian; and Le Fur, Gerard, 4,499,094, Cl. 514-301.000.

Renault, Christian L. A.: *See—*
- Champseix, Alain A.; Le Fur, Gerard R.; and Renault, Christian L. A., 4,505,916, Cl. 514-314.000.

Renault, Claude: *See—*
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Renault Vehicules Industriels: *See—*
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- Michel, Robert, 4,520,840, Cl. 137-259.000.
- Molimar, Maurice, 4,539,845, Cl. 73-578.000.
- Morin, Rene, 4,491,116, Cl. 123-502.000.
- Morin, Rene, 4,509,490, Cl. 123-502.000.
- Sibeud, Jean-Paul, 4,532,493, Cl. 340-58.000.

Renaut, Maurice: *See—*
- Gillier, Hugues; Redasse, Jean-Claude; and Renaut, Maurice, 4,492,116, Cl. 73-432.00R.

Renaux, Charley: *See—*
- Aubert, Michel; and Renaux, Charley, 4,507,261, Cl. 376-270.000.

Rendoll Paper Corporation: *See—*
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Rendu, Michel: *See—*
- Loriot, Pierre; Rendu, Michel; and Rousseau, Jean, 4,493,813, Cl. 376-409.000.

Reneau, Bobby J., to Gripper, Inc. Apparatus for tensioning a stud and method of doing same. 4,523,742, 6-18-85, Cl. 254-29.00A.

Reneau, Bobby J. Apparatus for manufacturing substantially spherical objects to a high degree of roundness. 4,541,204, 9-17-85, Cl. 51-90.000.

Reneau, Daniel L.; Tzakis, George J.; and Engel, Christopher M., to Zenith Electronics Corporation. Non-linear peaking system. 4,513,320, 4-23-85, Cl. 358-166.000.

Reneau, Daniel L., to Zenith Electronics Corporation. Integrated video amp with common base lateral PNP transistor. 4,535,256, 8-13-85, Cl. 307-264.000.

Reneault, Patrick; and Ovaert, Francis, to SMAC Acieroid. Exterior insulating element and cladding employing such elements. 4,551,958, 11-12-85, Cl. 52-309.400.

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- van der Weerdt, Antonius J. A.; and Renes, Harrie, 4,537,702, Cl. 252-522.00R.

Renfrew, Andrew H. M.: *See—*
- Anderton, Kenneth; Hall, Nigel; Parton, Brian; Renfrew, Andrew H. M.; and Shaw, Malcolm G., 4,512,773, Cl. 8-657.000.
- McClelland, Robert D.; and Renfrew, Andrew H. M., 4,542,213, Cl. 544-76.000.

Renfro, Cecil S.: *See—*
- Stadjuhar, Robert C.; and Renfro, Cecil S., 4,496,945, Cl. 340-764.000.

Renfro, Don C. Spare tire securing apparatus. 4,548,540, 10-22-85, Cl. 414-463.000.

Renfro, Julian C.: *See—*
- DeWoody, Robert O.; and Hollerich, Ralph M., 4,560,033, Cl. 188-2.00F.

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Rengo Co., Ltd.: *See—*
- Tokuno, Masateru; and Sawata, Tetsuya, 4,508,279, Cl. 242-56.00R.
- Tokuno, Masateru; Sawata, Tetsuya; and Mori, Yasuharu, 4,541,335, Cl. 101-181.000.
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- McMurtry, David R., 4,513,646, Cl. 82-1.00C.
- McMurtry, David R., 4,536,661, Cl. 307-119.000.
- McMurtry, David R., 4,542,467, Cl. 364-474.000.
- Rogers, Michael J.; and McMurtry, David R., 4,523,383, Cl. 33-558.000.

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- Castel, Michel, 4,502,040, Cl. 340-365.00R.

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- Dickhart, William W., III; Graziani, Dante J., Jr.; Herring, James M., Jr.; Pavlick, Michael J.; and Renn, Edward J., 4,555,095, Cl. 267-4.000.

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- Renner, Gunter; Wolff, Erich; Sommer, Friedhelm; Stark, Herbert; Stieler, Dieter; and Meier, Egon, to AGFA-Gevaert, A.G. Color photographic recording material containing color couplers. 4,529,691, 7-16-85, Cl. 430-556.000.
- Renner, Robert E., to GTE Automatic Electric Laboratories Incorporated. Digital remote switching unit. 4,509,168, 4-2-85, Cl. 370-63.000.
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  - Davies, James F.; Leigh, Arthur G.; and Rennie, George K., 4,532,719, Cl. 34-12.000.
- Reno, Charles W., to RCA Corporation. Beam expansion and relay optics for laser diode array. 4,520,472, 5-28-85, Cl. 369-112.000.
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  - McCann, James T.; Dobbins, Lawrence W.; and Reno, Charles W., 4,507,773, Cl. 369-110.000.
- Reno Energy Systems, Inc.: *See—*
  - Pehrson, John V., 4,524,836, Cl. 172-4.500.
- Reno, John M.: *See—*
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- Renold, Walter. Motion picture film gate and registration system. 4,522,476, 6-11-85, Cl. 352-225.000.
- Renon, Henri: *See—*
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- Renshaw, Theodore A.; and Curatolo, Joseph A., Jr., to Fairchild Industries, Inc. Method for fabricating a fastener plate. 4,523,710, 6-18-85, Cl. 228-111.000.
- Renshaw, Theodore A., to Fairchild Industries, Inc. Apparatus for preventing step-edge shearing during ultrasonic welding. 4,524,898, 6-25-85, Cl. 228-1.100.
- Renshaw, Theodore A., to Fairchild Industries, Inc. Stabilized ultrasonic welding apparatus. 4,527,727, 7-9-85, Cl. 228-1.100.
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- Rensink, Loman, to Hughes Aircraft Company. Multi-phase DC-to-AC and DC-to-DC boost converter. 4,513,361, 4-23-85, Cl. 363-21.000.
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  - Archer, Sydney, 4,539,412, Cl. 549-27.000.
  - Barnwell, Richard; Bushnell, Dennis; Nagamatsu, Henry T.; Bahi, Lakhdar; and Ross, Janet, 4,522,360, Cl. 244-204.000.
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  - Roberts, Jack; and Johnson, Robert L., 4,535,486, Cl. 623-22.000.
  - Roberts, Jack; and Johnson, Robert L., 4,547,910, Cl. 623-18.000.
  - Scarton, Henry A.; DiBianca, Anthony J.; Lacey, James A.; and Kennedy, Warren C., 4,516,658, Cl. 181-208.000.
- Rentch, Bruce W. Phonograph record and album frame. 4,499,994, 2-19-85, Cl. 206-45.190.
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  - Arentsen, Norbert; and Rentchler, Frances A., 4,517,709, Cl. 24-232.00R.
- Rentchler, Frances A.: *See—*
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- Renth, Ernst-Otto; Mentrup, Anton; Schromm, Kurt; Traunecker, Werner; and Reichl, Richard, to Boehringer Ingelheim KG. 1-(6,7-dimethoxyquinazol-4-yl)semicarbazides. 4,546,102, 10-8-85, Cl. 514-259.000.
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- Renwick, John D.: *See—*
  - Curtis, John R.; and Renwick, John D., 4,499,175, Cl. 430-253.000.
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- Renz, Peter. Apparatus for laminating sheets with a plastic film. 4,505,772, 3-19-85, Cl. 156-355.000.
- Renz, Walter: *See—*
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- Renzel, Peter; and Kroesen, Klaus, to Krautkramer-Branson, Inc. Ultrasonic test instrument with controllable amplifier. 4,513,621, 4-30-85, Cl. 73-631.000.
- Renzetti, Robin: *See—*
  - Waddell, Thomas P.; and Renzetti, Robin, 4,522,199, Cl. 128-80.00G.
- Renzi, Fiorenzo: *See—*
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- Renzo, Folli; and Marino, Casadei. Automatic machine for forming and distributing bakery products of various shapes in baking tins. 4,548,566, 10-22-85, Cl. 425-110.000.
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  - Fohl, Artur, 4,491,343, Cl. 280-801.000.
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  - Fohl, Artur, 4,509,708, Cl. 242-107.700.
  - Fohl, Artur, 4,529,144, Cl. 242-107.40E.
  - Fohl, Artur, 4,543,694, Cl. 24-656.000.
  - Fohl, Artur, 4,549,704, Cl. 242-107.000.
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  - Honl, Wolf-Dieter, 4,553,716, Cl. 242-107.700.
  - Seifert, Helmut; and Mondel, Karl, 4,508,286, Cl. 242-107.000.
  - Wier, Franz, 4,545,097, Cl. 24-642.000.
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- Repa, Otto, to Carl Walther GmbH. Device for aligning an adjustable sight element in a sight system for rifles. 4,554,745, 11-26-85, Cl. 33-257.000.
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  - Hagler, Brenda J.; and Repass, James T., 4,520,457, Cl. 364-900.000.
  - Shipp, Kenneth O., Jr.; Wood, Richard B.; and Repass, James T., 4,506,343, Cl. 364-900.000.
- Repco Engineering (NZ) Limited: *See—*
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  - Hooper, Lindsay A., 4,537,396, Cl. 272-130.000.
  - Kilpatrick, Ewen P., 4,526,328, Cl. 242-107.40A.
  - Wood, Harold L., 4,561,332, Cl. 81-479.000.
- Repella, Dennis A.: *See—*
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- Repella, James A., to Microdot Inc. Hydrodynamic slitted seal and method of manufacture thereof. 4,497,496, 2-5-85, Cl. 277-134.000.
- Repella, James A., to Microdot Inc. Nested serpentine seal assembly. 4,526,386, 7-2-85, Cl. 277-188.00R.
- Repella, James A., to Microdot Inc. Transfer apparatus and method. 4,554,723, 11-26-85, Cl. 29-430.000.
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- Repin, Boris N. Aeration tank. 4,545,907, 10-8-85, Cl. 210-195.100.
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  - Ruhl, Gerald F., 4,537,739, Cl. 264-247.000.
- Repligen Corporation: *See—*
  - Herlihy, Walter C., 4,515,773, Cl. 424-59.000.

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- Reppelin, Michel: *See—*
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- Republic Corporation: *See—*
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- Republic Electronics, Inc.: *See—*
  - Kestenbaum, William W., 4,560,961, Cl. 332-23.00A.
- Republic Geothermal, Inc.: *See—*
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- Republic Steel Corporation: *See—*
  - Baraona, John P., 4,543,528, Cl. 324-262.000.
  - Cole, Frank J.; and Hahn, Henry N., 4,514,266, Cl. 204-28.000.
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  - Markarian, Kegham M.; and Sobolewski, Robert, 4,538,669, Cl. 164-451.000.
  - Smitley, Bruce B., 4,549,665, Cl. 211-191.000.
  - Sobolewski, Robert; and Eberle, David N., 4,520,861, Cl. 164-473.000.
  - Urban, Robert G., 4,534,002, Cl. 364-475.000.
  - Wood, Kenneth L.; and Kovac, Emil C., 4,534,466, Cl. 206-518.000.
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- Rerat, Carlos F.: *See—*
  - Schiele, Edward K.; Manley, Robert V., Jr.; and Rerat, Carlos F., 4,544,403, Cl. 75-0.5AB.
- Rerolle, Yves, to Les Cables de Lyon. Semi-automatic fixed position machine for coiling down a cable. 4,523,724, 6-18-85, Cl. 242-54.00R.
- Resag, Jorg; and Schmale, Gerhard, to Keiper Recaro GmbH & Co. Back rest for vehicle seats. 4,530,541, 7-23-85, Cl. 297-452.000.
- Resan, Stevan A., to Carlisle Corporation. Lubricated roofing membrane fastener. 4,519,175, 5-28-85, Cl. 52-713.000.
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- Resch, Alois R., to Allied Corporation. Method and apparatus for mounting of electrical connectors. 4,503,610, 3-12-85, Cl. 29-845.000.
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- Research Association for Residual Oil Processing: *See—*
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  - Allcock, Harry R.; Austin, Paul E.; and Neenan, Thomas X., 4,495,174, Cl. 424-78.000.
  - Benkovic, Stephen J.; Putney, Scott D.; and Schimmel, Paul R., 4,521,509, Cl. 435-6.000.
  - Boucher, Richard C.; Gatzy, John T.; and Knowles, Michael R., 4,501,729, Cl. 424-45.000.
  - Bruck, Stephen D., 4,559,054, Cl. 604-892.000.
  - Carpino, Louis A.; and Cohen, Beri, 4,508,657, Cl. 260-463.000.
  - Darling, Charles M., 4,537,781, Cl. 514-616.000.
  - Edling, Robert J.; and Morgan, Karl L., 4,554,759, Cl. 43-100.000.
  - Fraser-Reid, Bertram; and Pauls, Heinz W., 4,514,561, Cl. 536-18.700.
  - Goodman, Irving; and Hiatt, Robert B., 4,552,764, Cl. 514-2.000.
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  - Jacobs, Alan M.; Kenney, Edward S.; and McInerney, Joseph J., 4,495,636, Cl. 378-87.000.
  - Jou, Yi-Her; and Bankert, Richard B., 4,529,712, Cl. 436-519.000.
  - Kuu, Wei-Youh, 4,518,693, Cl. 435-178.000.
  - Malley, Arthur, 4,545,986, Cl. 424-85.000.
  - Miller, Ronald L., 4,520,111, Cl. 436-501.000.
  - Olson, David L.; and Marquez, Alfredo D., 4,534,793, Cl. 75-123.00N.
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  - Trovati, Aldo, 4,497,932, Cl. 524-591.000.
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  - Farber, Mark I., 4,523,993, Cl. 210-297.000.
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  - Strong, William K., 4,499,818, Cl. 99-483.000.
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  - Clatworthy, Stuart C., 4,496,941, Cl. 340-644.000.
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  - Jordan, Larry B., 4,540,159, Cl. 254-228.000.
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- Rettura, Giuseppe: *See—*
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  - Hoffmann, Jurgen; Pradel, Gunter; and Reulecke, Fritz, 4,536,291, Cl. 210-457.000.
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- Reuschenbach, Hermann: *See—*
  - Molders, Werner; Langanke, Rolf; Sentinger, Egon; and Reuschenbach, Hermann, 4,513,953, Cl. 267-121.000.
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- Reust, Dennis K.; and Gergely, John S., to Conoco Inc. Method and apparatus for controlling altitude. 4,538,230, 8-27-85, Cl. 364-433.000.
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- Reuter, Frederick A.; and Moorman, Charles J., to Dosimeter Corporation of America. Dosimeter charging apparatus. 4,506,159, 3-19-85, Cl. 250-377.000.
- Reuter, Gerhard: *See—*
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- Reuter, Herbert: *See—*
  - Koch, Otto; Reuter, Herbert; and Seiter, Wolfgang, 4,552,681, Cl. 252-140.000.
  - Schmid, Karl H.; Rommerskirchen, Hans J.; Reuter, Herbert; Seiter, Wolfgang; and Piorr, Robert, 4,495,092, Cl. 252-559.000.
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  - Reuter, Edward J., 4,545,502, Cl. 220-334.000.
- Reuter, Martin; and Konig, Johannes. Method and apparatus for determining a relative distance in a cylinder and piston assembly. 4,542,652, 9-24-85, Cl. 73-597.000.
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  - Scala, John; and Reuter, William, 4,551,689, Cl. 331-2.000.
- Reuter, Wolfgang, to Leybold-Heraeus GmbH. Rotatable heavy-current connector. 4,492,423, 1-8-85, Cl. 339-112.00L.
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  - Baldry, Kenneth; and Davids, Martin, 4,555,781, Cl. 370-60.000.
  - Davids, Martin; Blackman, Peter; and Teo, Lily, 4,525,779, Cl. 364-200.000.
  - Wigan, Jack S.; Ure, David G.; and Richards, John M., 4,531,184, Cl. 364-200.000.

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- Reuther, Wolfgang: *See—*
  - Ruland, Alfred; and Reuther, Wolfgang, 4,539,160, Cl. 260-465.00F.
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- Reutter, Heinrich, to Reutter Metallwarenfabrik GmbH. Closure assembly particularly for a radiator filler tube of a motor vehicle. 4,511,056, 4-16-85, Cl. 220-204.000.
- Reutter Metallwarenfabrik GmbH: *See—*
  - Reutter, Heinrich, 4,511,056, Cl. 220-204.000.
- Revak, Timothy T.: *See—*
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- Revere Copper and Brass Incorporated: *See—*
  - Lee, Yung W.; Ling, Fu W.; and Shapiro, Stanley, 4,492,602, Cl. 148-11.50C.
  - Tong, Hua S., 4,499,050, Cl. 420-528.000.
  - Tong, Hua S., 4,499,051, Cl. 420-540.000.
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  - Jacobson, Walter E.; and Cibelli, Anthony H., 4,506,557, Cl. 73-862.650.
  - Jacobson, Walter E., 4,530,245, Cl. 73-768.000.
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  - Wilson, David; and Reverter, John A., 4,530,955, Cl. 524-434.000.
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- Revici, Emanuel. Methods for counteracting the deleterious effects of sodium chloride. 4,499,078, 2-12-85, Cl. 424-153.000.
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- Revill, Peter L.: *See—*
  - Debenham, Michael; Dalli, Alan G.; and Revill, Peter L., 4,546,873, Cl. 198-836.000.
- Revin, Alexandr A.: *See—*
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  - Kabacoff, Bernard L.; and Govil, Alok K., 4,510,250, Cl. 436-63.000.
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- Rewitzer, Siegfried, to Hoechst Aktiengesellschaft. Process and device for packing staple fibers into bales. 4,526,094, 7-2-85, Cl. 100-35.000.
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  - Kouchi, Takashi; and Tamaoki, Eiki, 4,511,826, Cl. 318-98.000.
- Rex, John D.: *See—*
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- Rex, Michael P., to Plessey Overseas Limited. Material handling and sorting system. 4,554,873, 11-26-85, Cl. 104-88.000.
- Rex, Richard U. Apparatus for the production of a monolithic manhole base. 4,494,724, 1-22-85, Cl. 249-148.000.
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  - Glomeau, J. Robert, 4,557,180, Cl. 91-446.000.
- Rexer, Felix. Valve arrangement. 4,493,473, 1-15-85, Cl. 251-63.400.
- Rexham Corporation: *See—*
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- Rexnord Inc.: *See—*
  - Cosenza, Frank J., 4,493,577, Cl. 403-41.000.
  - Cosenza, Frank J.; and Yamamoto, Albert K., 4,528,737, Cl. 29-240.500.
  - Cosenza, Frank J., 4,534,234, Cl. 74-89.150.
  - Cosenza, Frank J.; and Yamamoto, Albert K., 4,553,302, Cl. 29-240.500.
  - Crandall, Robert E., 4,544,061, Cl. 198-813.000.
  - Dieringer, Andrew M.; and Sheperd, Ervin M., 4,538,793, Cl. 254-18.000.
  - Erickson, Paul R.; and Pietila, Kenneth A., 4,544,490, Cl. 210-713.000.
  - Khilnani, Gul, 4,560,585, Cl. 427-103.000.
  - Roeder, Charles L.; Siefert, William J.; and Theijsmeijer, Frederik, 4,515,832, Cl. 427-233.000.
  - Ronco, Kenneth J.; Sommer, Robert; Nigel, Ken; Grimes, Donald; Zirbes, James A.; and Stacey, Robert E., 4,518,077, Cl. 198-731.000.
  - Rooney, Thomas C., 4,519,907, Cl. 210-257.100.
  - Rosan, Jose Jr., 4,534,101, Cl. 29-432.000.
  - Szalanski, Scott E., 4,560,113, Cl. 241-275.000.
  - Yamamoto, Albert K., 4,553,303, Cl. 29-240.500.
- Rexroth, Frederick W., to Medical Research Associates, Ltd. #2. Electrosurgical generator. 4,550,727, 11-5-85, Cl. 128-303.140.
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  - Isaac, Olivier; and Pignolet, Louis, 4,520,845, Cl. 137-624.270.
- Rey-Bellet, Gerald: *See—*
  - Kompis, Ivan; Rey-Bellet, Gerald; and Zanetti, Guido, 4,515,948, Cl. 544-325.000.
- Rey, Charles A.: *See—*
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- Rey, Ernesto: *See—*
  - Anderson, James M.; Knight, Thomas S., III; Kitagawa, Dennis T.; and Rey, Ernesto, 4,493,075, Cl. 371-10.000.
- Rey, Paul A., to Calgon Corporation. Use of poly (DMDAAC) as coal fine slurry viscosity reducer. 4,536,186, 8-20-85, Cl. 44-51.000.
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- Rey, Pierre: *See—*
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- Rey, S. Frank, to Exxon Research & Engineering Co. Epoxy resin compositions of enhanced creep resistance. 4,497,764, 2-5-85, Cl. 264-261.000.
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  - Bekkers, Henricus A. M.; and Reyenga, Tjerk, 4,555,036, Cl. 215-220.000.
- Reyes, Carlos: *See—*
  - Sjogren, Christer A.; McRae, John; and Reyes, Carlos, 4,562,339, Cl. 235-98.00R.
- Reyes, Daniel. Electric generating system. 4,498,014, 2-5-85, Cl. 290-4.000.
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  - Alves, Roger J.; and Reyes, Daniel W., 4,560,124, Cl. 248-27.100.
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- Reyes, Pedro M., Jr. Pelvic support for medical procedures. 4,557,260, 12-10-85, Cl. 128-134.000.
- Reyes, Peter A.; and Finney, Robert H., to Bell Helicopter Textron Inc. Elastomeric system for mounting a helicopter rotor. 4,522,563, 6-11-85, Cl. 416-134.00A.
- Reymanova, Marketa: *See—*
  - Didek, Stanislav; Fajt, Ludvik; Reymanova, Marketa; and Markova, Marie, 4,553,383, Cl. 57-403.000.
- Reymond, Jean C., to Thomson-CSF. Head-mounted or helmet-mounted sighting device. 4,550,984, 11-5-85, Cl. 350-404.000.
- Reymond, Jean-Claude; Bertrand, Gilles; and Gabanou, Roland, to Thomson-CSF. Moving-map display with recording on photographic film. 4,494,201, 1-15-85, Cl. 364-449.000.
- Reynard, Peter: *See—*
  - Mieyal, David F.; and Reynard, Peter, 4,546,584, Cl. 52-281.000.
- Reyner, Peter J.: *See—*
  - Dean, Robert; Reyner, Peter J.; and Heiman, Frederic P., 4,546,869, Cl. 194-99.000.
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  - van der Scheer, Albert; and Reynhout, Marinus J., 4,556,530, Cl. 264-298.000.
- Reynolds, Andrew J.: *See—*
  - Harrison, William J.; Reynolds, Andrew J.; Kellaway, Michael J.; MacMichael, Donald B. A.; and Miller, Anne T., 4,526,215, Cl. 141-83.000.
- Reynolds, Carl D., Jr., to United States of America, Energy. Kiln for hot-pressing compacts in a continuous manner. 4,510,363, 4-9-85, Cl. 219-10.710.
- Reynolds, Charles E.: *See—*
  - Hughes, Donald W. K.; Metzger, Donald L.; and Reynolds, Charles E., 4,527,857, Cl. 339-258.00S.
- Reynolds, Charles W. Vehicle suspension system. 4,494,770, 1-22-85, Cl. 280-685.000.

- Reynolds, Collins J., III, to Avimage, Inc. Aviation weather information dissemination system. 4,521,857, 6-4-85, Cl. 364-439.000.
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- Reynolds, Frank: *See—*
  - Nelson, Steve; Reynolds, Frank; Roos, George E.; and Ball, John, 4,505,179, Cl. 89-1.00G.
- Reynolds, Frederick E., Jr., to Electric Terminal Corporation. Connector. 4,530,562, 7-23-85, Cl. 339-191.00R.
- Reynolds, Gary R.; Gaynor, Thomas R.; Olivera, Raul; Ruthenberg, Ross E.; Smith, Jay G.; Kurby, Christopher N.; and Mansfield, Terry K., to Motorola, Inc. Resonant cavity with integrated microphonic suppression means. 4,491,806, 1-1-85, Cl. 331-96.000.
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- Reynolds, Gordon S.; Todd, Robert J.; and Russell, Edward J., to Abbott Laboratories. Disposable transducer apparatus for an electromanometry system. 4,557,269, 12-10-85, Cl. 128-675.000.
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  - Davis, Paul J.; and Reynolds, James F., 4,552,759, Cl. 424-93.000.
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- Reynolds, Jeannette. Flyguard. 4,519,187, 5-28-85, Cl. 54-81.000.
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- Reynolds, Joseph D.; and Davis, Alan R., to Eaton Corporation. Compound variable mechanical advantage shifting mechanism. 4,515,029, 5-7-85, Cl. 74-339.000.
- Reynolds, Joseph D.; and Lauer, Ernst H., to Eaton Corporation. Remote master shift control. 4,543,843, 10-1-85, Cl. 74-473.00R.
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  - Cassell, Ernest W., Jr.; and Gilliam, Edward C., 4,495,797, Cl. 73-40.000.
  - Dingus, Jack D.; and Gilliam, Edward C., 4,519,489, Cl. 193-31.00R.
  - Johnston, Thomas J., 4,491,471, Cl. 75-0.50R.
  - Lee, Harry W., Jr.; and Wallace, Joseph W., 4,515,284, Cl. 220-70.000.
  - Parsons, Robert C., 4,545,842, Cl. 156-310.000.
  - Partyka, Edward S., 4,544,314, Cl. 413-26.000.
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  - Stewart, Douglas V.; and Tabereaux, Alton T., 4,561,958, Cl. 204-243.00R.
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  - Vaughan, Donald E., 4,529,471, Cl. 156-466.000.
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  - Watson, David R.; Carithers, Val G.; and McDaniel, L. Thomas, 4,555,493, Cl. 501-127.000.
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- Reynolds, Michael J., to Omark Industries, Inc. Sprocket with radial clearing means. 4,530,679, 7-23-85, Cl. 474-92.000.
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- Reynolds, Richard W., to Sundstrand Corporation. Hydraulic differential transmission. 4,557,160, 12-10-85, Cl. 74-687.000.
- Reynolds, Robert A., to Aalto Scientific, Ltd. Affinity immunoassay system. 4,504,585, 3-12-85, Cl. 436-518.000.
- Reynolds, Roger G., to Weldex, Inc. Spike welding system having improved power supply. 4,560,852, 12-24-85, Cl. 219-113.000.
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- Rezac, Howard D. Revolving floor apparatus for trailers. 4,505,634, 3-19-85, Cl. 414-528.000.
- Rezanka, Richard L.; and Finn, Bernard J., to General Motors Corporation. Suspension strut for vehicles with onboard service of shock absorber cartridge. 4,531,759, 7-30-85, Cl. 280-668.000.
- Reznik, David. Apparatus for cracking and separating nuts. 4,515,076, 5-7-85, Cl. 99-571.000.
- Rezy, Bernard J., to Teledyne Industries, Inc. Air cooled exhaust valve. 4,539,812, 9-10-85, Cl. 60-304.000.
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- Rheaume, Walter A., to Textile Products, Incorporated. Shaped structures of graphite fabrics, and the like, and deep drawn molded products therefrom. 4,510,198, 4-9-85, Cl. 428-246.000.
- Rhee, Byung Y. D.C. motor with centrifugal separation starting brush. 4,551,658, 11-5-85, Cl. 318-254.000.
- Rhee, Chong-Kon, to B. F. Goodrich Company, The. Universal cement for natural and synthetic rubber tire compounds. 4,539,365, 9-3-85, Cl. 524-495.000.
- Rhee, Khee C.; and Lusas, E. W., to Texas A&M University System, The. Method of producing low-gossypol cottonseed protein material. 4,546,004, 10-8-85, Cl. 426-656.000.
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  Cordier, Georges, 4,495,368, Cl. 564-412.000.
  Cordier, Georges; and Fouilloux, Pierre, 4,532,350, Cl. 564-412.000.
  Debourge, Jean-Claude; and Lacroix, Guy, 4,515,807, Cl. 514-513.000.
  de Reinach Hirtzbach, Francois; and Ambrosi, Dominique, 4,493,729, Cl. 71-94.000.
  Giraudon, Raymond; and Santini, Georges, 4,536,502, Cl. 514-227.000.
  Lacroix, Guy; Anding, Claude; and Viricel, Andree, 4,542,023, Cl. 514-126.000.
  Marcoux, Bernard; and Bridon, Jean-Noel, 4,536,506, Cl. 514-342.000.
  Ratton, Serge, 4,508,922, Cl. 564-407.000.
  Rouy, Noel; and Dewilde, Francois, 4,518,781, Cl. 548-221.000.

- Rhone-Poulenc Chimie de Base: *See—*
  - Bernard, Philippe; and Prudhon, Francois, 4,526,529, Cl. 431-9.000.
  - Gauthier-Lafaye, Jean; Perron, Robert; Gallucci, Jacques; and Leconte, Philippe, 4,500,473, Cl. 260-548.000.
  - Gauthier-Lafaye, Jean; and Perron, Robert, 4,500,474, Cl. 260-549.000.
  - Gauthier-Lafaye, Jean; Perron, Robert; and Doussain, Claude, 4,511,517, Cl. 260-549.000.
  - Godard, Gerard; Joubert, Daniel; and Gagnaire, Philippe, 4,518,516, Cl. 252-91.000.
  - Gresser, Robert; and Michel, Max, 4,519,933, Cl. 252-140.000.
  - Jenck, Jean, 4,508,917, Cl. 560-204.000.
  - Jenck, Jean, 4,521,614, Cl. 560-193.000.
  - Jenck, Jean, 4,522,760, Cl. 260-410.90R.
  - Jenck, Jean, 4,539,424, Cl. 560-204.000.
  - Mention, Jean-Paul; Aoustin, Jean; and Wallon, Bernard, 4,539,114, Cl. 210-330.000.
  - Nineuil, Guy, 4,545,788, Cl. 55-52.000.
  - Nineuil, Guy, 4,557,915, Cl. 423-319.000.
- Rhone-Poulenc Fibres: *See—*
  - Baravian, Jean; and Barbey, Jacques, 4,518,658, Cl. 428-291.000.
  - Baravian, Jean, 4,560,385, Cl. 8-115.700.
- Rhone-Poulenc, Inc.: *See—*
  - Giacobbe, Thomas J.; Williams, Thomas N., Jr.; and Horn, James M., 4,503,245, Cl. 562-414.000.
  - Gradeff, Peter S.; and Schreiber, Fred G., 4,492,655, Cl. 260-429.200.
  - Gradeff, Peter S.; Charte, Vincent J.; Schreiber, Fred G.; and Davison, John F., 4,545,923, Cl. 252-309.000.
  - Theissen, Robert J., 4,517,010, Cl. 71-90.000.
  - Theissen, Robert J., 4,551,171, Cl. 71-121.000.
- Rhone-Poulenc Industries: *See—*
  - Berger, Christian; Farge, Daniel; Moutonnier, Claude; and Wolff, Gerard, 4,520,193, Cl. 544-016.000.
  - Bigot, Bernard, 4,524,057, Cl. 423-555.000.
  - Boutin, Jean; and Neel, Jean, 4,504,643, Cl. 526-287.000.
  - Cassat, Robert; and Vignando, Bruno, 4,547,408, Cl. 427-375.000.
  - Exertier, Michel, 4,523,959, Cl. 127-46.200.
  - Khaladji, Jean; and Peltier, Marcel, 4,529,410, Cl. 51-309.000.
  - Linguenheld, Louis; and Soula, Gerard, 4,504,682, Cl. 564-480.000.
  - Locatelli, Jean L.; and Rollet, Bernard, 4,518,754, Cl. 526-262.000.
  - Locatelli, Jean L.; and Rollet, Bernard, 4,518,755, Cl. 526-262.000.
  - Richard, Christian, 4,503,158, Cl. 501-27.000.
  - Roullet, Gilbert; and Legrand, Pierre, 4,544,698, Cl. 524-503.000.
- Rhone-Poulenc Sante: *See—*
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  - Bluthe, Norbert; Gore, Jacques; and Malacria, Max, 4,510,330, Cl. 568-403.000.
  - Bluthe, Norbert; Falou, Armand S.; and Gore, Jacques, 4,556,742, Cl. 568-403.000.
  - Costantini, Michel; Igersheim, Francoise; and Krumenacker, Leon, 4,560,801, Cl. 568-362.000.
  - Desmurs, Jean, 4,503,239, Cl. 549-369.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,529,728, Cl. 514-227.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,539,400, Cl. 544-47.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,546,100, Cl. 514-231.000.
  - Fabre, Jean-Louis; Farge, Daniel; James, Claude; and Lave, Daniel, 4,547,504, Cl. 514-255.000.
  - Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,496,560, Cl. 514-204.000.
  - Farge, Daniel; Roy, Pierre L.; Moutonnier, Claude; and Peyronel, Jean-Francois, 4,503,220, Cl. 544-16.000.
  - Farge, Daniel; Le Roy, Pierre; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,526,962, Cl. 544-016.000.
  - Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, 4,550,110, Cl. 514-254.000.
  - Farge, Daniel; Leger, Andre; and Ponsinet, Gerard, 4,556,657, Cl. 514-252.000.
  - Le Roy, Pierre; Farge, Daniel; Moutonnier, Claude; Peyronel, Jean-Francois; and Plau, Bernard, 4,554,350, Cl. 544-22.000.
  - Mignani, Gerard; and Morel, Didier, 4,543,433, Cl. 585-16.000.
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  - Cassat, Robert, 4,541,894, Cl. 162-138.000.
  - Fitoussi, Richard; Leveque, Alain; and Sabot, Jean-Louis, 4,499,058, Cl. 423-70.000.
- Rhone-Poulenc Specialites Chimiques: *See—*
  - Arpin, Rene , 4,530,954, Cl. 524-387.000.
  - Bauer, Denise ; Fourre, Patrick; and Sabot, Jean-Louis, 4,559,203, Cl. 423-112.000.
  - Boutin, Jean, 4,550,033, Cl. 427-222.000.
  - Cassat, Robert, 4,517,227, Cl. 427-96.000.
  - Cavezzan, Jacques; and Prud'Homme, Christian, 4,518,758, Cl. 528-12.000.
  - Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,519,844, Cl. 106-209.000.
  - Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,548,734, Cl. 252-311.000.
  - Cordier, Georges, 4,533,771, Cl. 568-842.000.
  - Cordier, Georges, 4,540,834, Cl. 568-774.000.
  - Desbois, Michel, 4,552,984, Cl. 568-29.000.
  - Desbois, Michel, 4,554,381, Cl. 568-34.000.
  - Dien, Rene; and Poulain, Guy, 4,544,728, Cl. 528-21.000.
  - Dromard, Adrien; and Millet, Claude, 4,508,845, Cl. 502-159.000.
  - Dupin, Thierry, 4,529,718, Cl. 502-439.000.
  - Dupin, Thierry, 4,532,119, Cl. 423-230.000
  - Favre, Georges; and Perrin, Patrice, 4,529,749, Cl. 523-122.000.
  - Gagne, Pierre; Girardeau, Yvette; and Pointud, Bernard, 4,539,366, Cl. 524-507.000.
  - Gagne, Pierre; Girardeau, Yvette; and Pointud, Bernard, 4,551,382, Cl. 428-258.000.
  - Giroud-Abel, Bruno, 4,559,372, Cl. 523-205.000
  - Grosbois, Jean; Jacubert, Serge; and Verdier, Jean-Michel, 4,499,063, Cl. 423-347.000
  - Jacques, Roland; Reppelin, Michel; and Seigneurin, Laurent, 4,504,595, Cl. 502-224.000.
  - Jacques, Roland; and Dupin, Thierry, 4,514,511, Cl. 502-8.000.
  - Jas, Jean-Noel, 4,537,699, Cl. 252-313.200.
  - Laisney, Bernard; Letoffe, Michel; Perrin, Patrice; and Ulrich, Jean, 4,525,565, Cl. 528-17.000.
  - Latourrette, Bertrand; and Poisson, Regis, 4,540,559, Cl. 423-329.000.
  - Leising, Frederic, 4,525,519, Cl. 524-457.000.
  - Leising, Frederic, 4,528,322, Cl. 524-829.000.
  - Lepage, Jean-Luc; and Soula, Gerard, 4,548,917, Cl. 502-150.000.
  - Letoffe, Michel; Favre, Roger; and Perrin, Patrice, 4,508,888, Cl. 528-23.000.
  - Letoffe, Michel; Favre, Roger; and Perrin, Patrice, 4,532,315, Cl. 528-14.000.
  - Marongiu, Jacques, 4,503,184, Cl. 524-519.000.
  - Peignier, Michel; and Renault, Claude, 4,525,515, Cl. 524-378.000.
  - Ratton, Serge; and Bougeois, Jean-Luc, 4,551,557, Cl. 568-433.000.
  - Ratton, Serge; and Bougeois, Jean-Luc, 4,551,558, Cl. 568-433.000.
  - Robin, Jean, 4,537,961, Cl. 544-193.000.
  - Schuppiser, Jean-Luc; and Daniel, Jean-Claude, 4,542,181, Cl. 524-560.000.
  - Schuppiser, Jean-Luc; and Daniel, Jean-Claude, 4,542,182, Cl. 524-563.000.
  - Segaud, Christian, 4,528,303, Cl. 523-212.000.
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  - Trebillon, Emile, 4,492,682, Cl. 423-626.000.
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- Rhoton, Albert L., to Morgan Flotation Systems. Drain pipes for emptying waveless waterbed mattresses. 4,509,218, 4-9-85, Cl. 5-450.000.
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  - Achard, Georges; Menault, Jacques; and Thouvenot, Roger, 4,529,768, Cl. 524-365.000.
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  - Argabright, Perry A.; and Rhudy, John S., 4,503,909, Cl. 166-252.000.
- Rhynard, Donald L., to Mobil Oil Corporation. Surfactant monitor for aviation fuel filter/separators. 4,513,606, 4-30-85, Cl. 73-61.00R.
- Rhyne Fibers, Inc.: *See—*
  - Rhyne, Ralph H., 4,519,114, Cl. 19-200.000.
- Rhyne, James R., to International Business Machines Corporation. Use of inversions in the near realtime control of selected functions in interactive buffered raster displays. 4,521,770, 6-4-85, Cl. 340-703.000.
- Rhyne, Ralph H., to Rhyne Fibers, Inc. Apparatus and method for cleaning textile fiber. 4,519,114, 5-28-85, Cl. 19-200.000.
- Rhyner, Edison L., to Sealtran Corporation. Foldable sheet plastic products. 4,540,612, 9-10-85, Cl. 428-35.000.
- Rhyner, Fritz, to Maag Gear-Wheel & Machine Company Limited. Circuit for connecting a process computer by means of a number of analog channels with a machine tool. 4,509,047, 4-2-85, Cl. 340-825.230.
- Rhyner, Hans-Ulrich, to Maag Gear-Wheel & Machine Company Limited. Displacement detecting system in a multi-axis measuring system, especially for use with a gear wheel grinding or inspecting machine. 4,534,007, 8-6-85, Cl. 364-560.000.
- Rhythm Motor Parts Manufacturing Company Limited: *See—*
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  - Makuta, Shunichi, 4,526,478, Cl. 368-273.000.
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- Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, to Sony Corporation. Mode changing apparatus. 4,547,823, 10-15-85, Cl. 360-90.000.
- Riaboff, Peter. Baseball glove. 4,532,653, 8-6-85, Cl. 2-19.000.
- Rialan, Joseph: *See—*
  - Douaud, Andre; and Rialan, Joseph, 4,549,513, Cl. 123-425.000.
- Rialland, Jean P.; and Barbier, Jean P., to Laiteries E. Bridel. Process for treating milk with a cation-exchange resin for the preparation of decationized, acidified milk. 4,520,036, 5-28-85, Cl. 426-271.000.
- Rias, Jean-Claude, to Isover Saint-Gobain. Multi-roll package of compressible materials. 4,535,587, 8-20-85, Cl. 53-436.000
- Riba-Pruftechnik GmbH: *See—*
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- Ribaldone, Giuseppe; Felicioli, Maria G.; Santini, Claudio; and Agnes, Giovanni, to Farmitalia Carlo Erba S.p.A. Preparation of pyrazine derivatives. 4,511,718, 4-16-85, Cl. 544-406.000.
- Ribalta, Jose Miguel B.; Bruseghini, Leonida; Casadio, Silvano; and Iniesta, Jorge P. Dioxolanic amine with pharmacological activity, its method of preparation, the pharmaceutical compositions containing

same and their use in human medicine. 4,495,199, 1-22-85, Cl. 514-467.000.
Ribarits, Peter, to Skischuhfabrik Dynafit Gesellschaft m.b.H. Fastener for sports shoes. 4,546,521, 10-15-85, Cl. 24-70.0SK.
Ribas, Jean L., to Majorette. System for elastically assembling two pieces. 4,519,724, 5-28-85, Cl. 403-345.000.
Ribaudo, Andrew, Jr. Hot water control system. 4,515,307, 5-7-85, Cl. 236-25.00R.
Ribaudo, Nicholas A. Golf club. 4,529,203, 7-16-85, Cl. 273-173.000.
Ribault, Michel: *See—*
  Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.
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  Richter, Roland; Muller, Hanns P.; Wagner, Kuno; Riberi, Bernd; and Frohlich, Jurg, 4,518,761, Cl. 528-67.000.
  Scholl, Hans-Joachim; Pedain, Josef; Riberi, Bernd; and Mennicken, Gerhard, 4,552,946, Cl. 528-67.000.
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  Carette, Brigitte; Kone, Ali; Souquet, Jean-Louis; Ribes, Michel; and Maurin, Maurice, 4,513,070, Cl. 429-193.000.
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Ribi, Edgar E.; Schwartzman, Steven M.; and Cantrell, John L., to Ribi ImmunoChem Research, Inc. Refined detoxified endotoxin product. 4,505,900, 3-19-85, Cl. 514-2.000.
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  Cantrell, John L., 4,503,048, Cl. 424-195.000.
  Cantrell, John L., 4,504,473, Cl. 424-195.100.
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  Ribi, Edgar E.; and Cantrell, John L., 4,505,899, Cl. 514-8.000.
  Ribi, Edgar E.; Schwartzman, Steven M.; and Cantrell, John L., 4,505,900, Cl. 514-2.000.
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  Fischell, Robert E.; Newman, Arnold L.; Riblet, Henry B.; and Powell, William R., 4,524,773, Cl. 128-419.00S.
Riboud, Paul-Victor; and Gatellier, Christian, to Institut de Recherches de la Siderurgie Francaise. Method for the treatment of phosphuretted slag. 4,541,863, 9-17-85, Cl. 75-24.000.
Rica, Albert F.; Davis, John C.; and Reiss, Ronald J., to FranRica Mfg. Inc.; and Container Technologies, Inc. Method and apparatus for aseptically filling containers. 4,494,363, 1-22-85, Cl. 53-426.000.
Ricard, Jean; and Excoffon, Charles, to Circeram. Modified crucible for the pendant drop method of crystallization. 4,495,155, 1-22-85, Cl. 422-248.000.
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Ricci, Louis N.: *See—*
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  Venturello, Carlo; D'Aloisio, Rino; and Ricci, Marco, 4,562,276, Cl. 556-20.000.
Ricci, Ruggiero. Violin bow with adjustable weight. 4,493,238, 1-15-85, Cl. 84-282.000.
Ricci, Vero. Shot gun shell tracer wad. 4,553,481, 11-19-85, Cl. 102-458.000.
Ricciardi, Mario, to Bell & Howell Company. Motor driven continuous form folder. 4,516,761, 5-14-85, Cl. 270-41.000.
Ricciardi, Robert P.; Barbanti-Brodano, Giuseppe; and Milanesi, Gabriele, to Wistar Institute of Anatomy and Biology, The. Hybrid viral plasmid and microorganisms containing same. 4,562,155, 12-31-85, Cl. 435-172.300.
Riccio, Louis M.; and Bosna, Alexander. Method and apparatus for applying metal cladding on surfaces and products formed thereby. 4,521,475, 6-4-85, Cl. 428-142.000.
Riccio, Pasquale R.: *See—*
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Rice, Benjamin M., to Candela Corporation. Series inverter for capacitor charging. 4,497,018, 1-29-85, Cl. 363-96.000.
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Rice, Craig W.; and Popek, Marc H., to Motorola, Inc. Linear gain voltage controlled oscillator with modulation compensation. 4,510,465, 4-9-85, Cl. 332-16.00T.
Rice, Edward J.: *See—*
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Rice, Frederick H. Solar heat collector and reflector. 4,534,335, 8-13-85, Cl. 126-429.000.
Rice, Gary W., to Exxon Research & Engineering Co. Laser synthesis of refractory oxide powders. 4,548,798, 10-22-85, Cl. 423-263.000.
Rice, George F.: *See—*
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Rice, Ivan G. Steam cooled gas generator. 4,507,914, 4-2-85, Cl. 60-39.170.
Rice, Ivan G. Annular combustor for gas turbine. 4,543,781, 10-1-85, Cl. 60-39.360.
Rice, Ivan G. Process for directing a combustion gas stream onto rotatable blades of a gas turbine. 4,545,197, 10-8-85, Cl. 60-39.050.
Rice, Ivan G. Method of steam cooling a gas generator. 4,550,562, 11-5-85, Cl. 60-39.020.
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Rice, Kenner C., to United States of America, Health and Human Services. Preparation and racemization of chiral 1-benzyl-1,2,3,4-tetrahydroisoquinolines. 4,556,712, 12-3-85, Cl. 546-149.000.
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  Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., 4,509,928, Cl. 445-27.000.
  Morris, Merle E.; Meade, Steven L.; and Rice, Lawrence M., 4,535,268, Cl. 313-569.000.
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Rice, Michael A.; and Herman, Stewart T., to Bethlehem Steel Corporation. Removal of complexed zinc-cyanide from wastewater. 4,543,189, 9-24-85, Cl. 210-713.000.
Rice, Paul D.; and Sharp, Jeffrey O., to Square D Company. Vent assembly for electrical enclosure. 4,557,095, 12-10-85, Cl. 52-473.000.
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  Grady, John K.; and Rice, Richard E., 4,534,051, Cl. 378-099.000.
  Grady, John K.; and Rice, Richard E., 4,549,209, Cl. 358-111.000.
Rice, Richard M.; Watling, Robert E.; and Henderson, Drew R., to Reynolds Metals Company. Wire temperature controller. 4,506,146, 3-19-85, Cl. 219-499.000.
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Rice, Richard W.: *See—*
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Rice, Thomas E.; and Staropoli, Paul R., to Haskell of Pittsburgh, Inc. Lateral file receding posting shelf. 4,537,452, 8-27-85, Cl. 312-314.000.
Rice, Thomas K.; and Senta, Therese A., to Minnesota Mining and Manufacturing Company. Receptor-based histamine assay. 4,544,629, 10-1-85, Cl. 435-7.000.
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Rich, Donald S., to Parlex Corporation. Flat embedded-shield multiconductor signal transmission cable, method of manufacture and method of stripping. 4,551,576, 11-5-85, Cl. 174-36.000.
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  Hengstenberg, Eckart; and Disch, Heinrich, 4,537,017, Cl. 53-515.000.
Rich, Homer C. Workpiece stand. 4,501,080, 2-26-85, Cl. 38-102.700.
Rich, Hubert A.; Saffer, Gary M.; and Sestito, William F., to Mattel, Inc. Toy structural member roller. 4,551,127, 11-5-85, Cl. 493-462.000.

Rich, Leonard G., to Metromedia, Inc. Apparatus and method for driving ink jet printer. 4,562,445, 12-31-85, Cl. 346-140.00R.

Rich, Michael; and Ek, F. Donald, to Tenax Corporation. Lockable pegboard hook construction. 4,506,856, 3-26-85, Cl. 248-222.100.

Rich Products Corporation: *See—*

Kahn, Marvin L.; and Lynch, Robert J., 4,552,773, Cl. 426-564.000.

O'Mahony, John S.; Kahn, Marvin L.; and Adapa, Satya N., 4,551,348, Cl. 426-639.000.

Rich, Robert A.: *See—*

Bowman, Ronald; Zimmerman, Michael T.; and Rich, Robert A., 4,552,023, Cl. 73-715.000.

Rich, Roy L. Thread cover for protecting a seal. 4,525,915, 7-2-85, Cl. 29-423.000.

Rich, Stanley R.: *See—*

Sachar, Kenneth S.; and Rich, Stanley R., 4,545,525, Cl. 239-3.000.

Rich, William N.: *See—*

Bishop, Ralph L.; Rich, William N.; and Kowalski, Walter C., 4,533,894, Cl. 337-107.000.

Richard-Allan Medical Industries, Inc.: *See—*

Mulhauser, Paul J.; Spranger, Douglas M.; Brookes, Malcolm J.; and Kirk, Karl D., III, 4,558,810, Cl. 227-19.000.

Richard Bergner GmbH & Co.: *See—*

Onasch, Jurgen; and Ehrenstein, Gottfried, 4,527,932, Cl. 411-411.000.

Richard, Bruno, to Centre National de la Recherche Scientifique. Ultrasonic echogram probe and sector echographic scanning device. 4,516,583, 5-14-85, Cl. 128-660.000.

Richard, Christian; and Catros, Jean Y., to Thomson-CSF. Method and apparatus for a transmission system for transmitting an image at a reduced output. 4,498,102, 2-5-85, Cl. 358-133.000.

Richard, Christian, to Rhone-Poulenc Industries. Double or mixed silicates of alkali metal and other glass modifier metal(s) used to prepare glass compositions. 4,503,158, 3-5-85, Cl. 501-27.000.

Richard, Daniel J.: *See—*

Derderian, Thomas; and Richard, Daniel J., 4,553,342, Cl. 36-97.000.

Richard, Gordon L., to Baptist Medical Center of Oklahoma, Inc. Amplitude modulation apparatus and method. 4,499,339, 2-12-85, Cl. 179-107.0FD.

Richard, Henry J.: *See—*

Gidge, Kenneth N.; and Richard, Henry J., 4,550,760, Cl. 160-328.000.

Richard Hirschmann Radiotechnisches Werk: *See—*

Zierhut, Hermann, 4,529,874, Cl. 250-221.000.

Richard, Jacques R., to Manufacture de Machines du Haut-Rhin. Conveyor for objects treated while continuously in motion. 4,533,038, 8-6-85, Cl. 198-646.000.

Richard, Jean P.: *See—*

Chartier, Robert M.; and Richard, Jean P., 4,529,096, Cl. 215-252.000.

Richard, Joseph D. Ultrasonic doppler fish detector. 4,538,249, 8-27-85, Cl. 367-94.000.

Richard, Joseph D.: *See—*

Lutz, Peter L.; and Richard, Joseph D., 4,527,988, Cl. 604-349.000.

Richard, Michael A.: *See—*

Vanderspurt, Thomas H.; Richard, Michael A.; and Montagna, Angelo A., 4,499,204, Cl. 502-301.000.

Wright, Franklin J.; Richard, Michael A.; and Pirkle, James C., 4,504,600, Cl. 518-717.000.

Wright, Franklin J.; Richard, Michael A.; and Pirkle, James C., 4,513,104, Cl. 518-714.000.

Richard, Pierre, to Bouygues. Process and device for manufacturing concrete structural elements. 4,529,567, 7-16-85, Cl. 264-228.000.

Richard Wolf GmbH: *See—*

Blanc, Ernst, 4,557,554, Cl. 350-96.200.

Boebel, Manfred, 4,503,843, Cl. 128-4.000.

Boebel, Manfred; Baier, Manfred; and Buess, Gerhard, 4,538,594, Cl. 128-6.000.

Bonnet, Ludwig; and Bitrolf, Ehrenfried, 4,561,438, Cl. 128-328.000.

Falk, Ernst; and Knosel, Johann, 4,512,343, Cl. 128-303.170.

Heckele, Helmut, 4,517,962, Cl. 128-6.000.

Richards, Alwyn H.: *See—*

Whitlam, Joseph E.; Richards, Alwyn H.; and Akers, Brian, 4,497,389, Cl. 182-150.000.

Whitlam, Joseph E.; and Richards, Alwyn H., 4,550,541, Cl. 52-309.800.

Richards, Anthony L.: *See—*

Morris, Robert A.; Kiesel, George W.; Rajotte, Paul T.; and Richards, Anthony L., 4,507,709, Cl. 361-400.000.

Richards, Byron A.: *See—*

Newman, Richard W.; Moore, William C.; and Richards, Byron A., 4,526,449, Cl. 351-205.000.

Richards, Camille. Inclination signaling device on a tennis racquet. 4,535,986, 8-20-85, Cl. 273-29.00A.

Richards, Chester L., Sr. Photography printing frame. 4,504,142, 3-12-85, Cl. 355-92.000.

Richards, Craig D., to AMP Incorporated. Electrical connector housing. 4,538,869, 9-3-85, Cl. 339-59.00M.

Richards, David H.; and Stewart, Malcolm J., to National Research Development Corporation. Anionic polymerization of conjugated dienes in the presence of hindered triaryl boron or aluminum derivatives. 4,518,753, 5-21-85, Cl. 526-177.000.

Richards, David L.; and Windish, Willis E., to Caterpillar Tractor Co. Vehicle transfer gear mechanism. 4,542,801, 9-24-85, Cl. 180-53.100.

Richards, Donald L.: *See—*

Schlesinger, Lawrence; German, Dale F.; and Richards, Donald L., 4,507,956, Cl. 73-146.500.

Richards, Edward W.; and Chang, Paul T., to Tau-Tron, Inc. Controlled phase off-set digital test system. 4,495,468, 1-22-85, Cl. 328-155.000.

Richards, Elmer A., to Eaton Corporation. Automatic mechanical transmission system. 4,527,447, 7-9-85, Cl. 74-866.000.

Richards, Frank J.: *See—*

Carr, Jesse M., Jr.; Sheler, Raymond E.; Richards, Frank J.; and Kelder, Eric, 4,547,295, Cl. 210-777.000.

Richards, Frank P., to Sealright Co., Inc. Container and sidewall blank having sinusoidal edge pattern. 4,558,813, 12-17-85, Cl. 229-4.500.

Richards, Gary H. Fluid-flow-control-switch valve. 4,499,347, 2-12-85, Cl. 200-81.90M.

Richards, George A. Ash separating shovel. 4,491,357, 1-1-85, Cl. 294-49.000.

Richards, Gerald P., to Raytheon Company. Precision time tracking line generator. 4,491,925, 1-1-85, Cl. 364-521.000.

Richards, Gerald P., to Raytheon Company. PPI to raster display scan converter. 4,547,803, 10-15-85, Cl. 358-140.000.

Richards, Gerald P.: *See—*

Herman, Jan S.; Morrison, Peter A.; and Richards, Gerald P., 4,539,682, Cl. 371-15.000.

Richards, Glenn L.: *See—*

Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Richards, Harvey J.: *See—*

Goel, Anil B.; and Richards, Harvey J., 4,539,376, Cl. 525-375.000.

Richards, Henry B. Pet bath and litter box combination. 4,527,511, 7-9-85, Cl. 119-1.000.

Richards, James, to Commonwealth of Australia, The. Unpolarized electro-optically Q-switched laser. 4,507,785, 3-26-85, Cl. 372-12.000.

Richards, James, to Commonwealth of Australia, The. Pulse transmission or reflection mode laser. 4,546,477, 10-8-85, Cl. 372-12.000.

Richards, James A. Wood and gas fired furnace. 4,557,248, 12-10-85, Cl. 126-107.000.

Richards, Jimmy L., to Goodyear Tire & Rubber Company, The. Reinforcing element for elastomeric articles and elastomeric articles made. 4,544,603, 10-1-85, Cl. 428-371.000.

Richards, Jimmy L., to Goodyear Tire & Rubber Company, The. Reinforcing element for elastomeric articles and elastomeric made thereof. 4,546,031, 10-8-85, Cl. 428-222.000.

Richards, John M.: *See—*

Wigan, Jack S.; Ure, David G.; and Richards, John M., 4,531,184, Cl. 364-200.000.

Richards, Joseph A.: *See—*

Einem, Robert E.; and Richards, Joseph A., 4,529,187, Cl. 271-10.000.

Richards, Lawrence J., to Braner Enterprises. Turret stacker. 4,504,186, 3-12-85, Cl. 414-744.00A.

Richards, Lorenzo A. Matric suction sensor. 4,561,293, 12-31-85, Cl. 73-73.000.

Richards Manufacturing Co., Inc.: *See—*

Griggs, Calvin, 4,530,355, Cl. 128-92.0BB.

Richards, Mark S. Methods of knitting brassiere blank, manufacturing brassiere, and products. 4,531,525, 7-30-85, Cl. 128-489.000.

Richards Medical Company: *See—*

Brumfield, David L., 4,554,915, Cl. 128-92.00A.

Richards, Michael A., to S. G. Owen Limited. Selective plating. 4,518,636, 5-21-85, Cl. 427-282.000.

Richards, Michael A., to S. G. Owen Limited. Selective plating. 4,545,864, 10-8-85, Cl. 204-15.000.

Richards, Oliver L., Jr., to Sprague Electric Company. Linear signal strength detector in AM radio. 4,538,300, 8-27-85, Cl. 455-161.000.

Richards, Powell: *See—*

Srivastava, Suresh C.; Fawwaz, Rashid A.; and Richards, Powell, 4,500,508, Cl. 424-1.100.

Srivastava, Suresh C.; Meinken, George E.; and Richards, Powell, 4,533,541, Cl. 424-1.100.

Richards, Randall G., to Drackett Company, The. Passive dispenser. 4,530,118, 7-23-85, Cl. 4-228.000.

Richards, Ray S.: *See—*

Nelson, Frederick J.; and Richards, Ray S., 4,516,934, Cl. 432-30.000.

Richards, Walter L., to Methane Drainage Ventures. Process for production of oil and gas through horizontal drainholes from underground workings. 4,533,182, 8-6-85, Cl. 299-2.000.

Richards, William D., to Comfort Auto Industries, Inc. Automobile roof panel lock. 4,505,139, 3-19-85, Cl. 70-221.000.

Richards, William D. C.; and Straub, Harry, to General Electric Company. Tubular assembly including insulated conduits and couplers for the transfer of high temperature and high pressure fluids. 4,518,175, 5-21-85, Cl. 285-47.000.

Richardson, Alfred G.: *See—*

Anctil, Stephen N.; Gleason, Robert F.; Hadfield, Don A.; Logan, John S. B., Jr.; and Richardson, Alfred G., 4,538,881, Cl. 350-96.230.

Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.

Richardson Chemical Company: *See—*
- Baudrand, Donald W., 4,503,131, Cl. 428-672.000.

Richardson, Christopher K., to Plessey Overseas Limited. Jammer transmitter. 4,498,193, 2-5-85, Cl. 455-1.000.

Richardson, David. Integrated oscillator-duplexer-mixer. 4,495,499, 1-22-85, Cl. 343-5.0DD.

Richardson, David A.; and Coney, Michael H., to Rolls-Royce Limited. Shroud assembly for a gas turbine engine. 4,497,610, 2-5-85, Cl. 415-116.000.

Richardson, David L., to Procter & Gamble Company, The. Peroxyacid bleach compositions. 4,529,534, 7-16-85, Cl. 252-100.000.

Richardson, David L.; Patterson, Peter M.; Clark, Jack P.; Stanton, Scott R.; and Perry, Richard W., to General Electric Company. Stub tube inspection device. 4,548,785, 10-22-85, Cl. 376-249.000.

Richardson, Donald, to Reece Corporation, The. Fly construction and method of forming it. 4,534,067, 8-13-85, Cl. 2-234.000.

Richardson, Dora N.: *See—*
- Harper, Michael J. K.; Richardson, Dora N.; and Walpole, Arthur L., deceased, 4,536,516, Cl. 514-514.000.

Richardson, Eugene M., to Continental Emsco Company. Well drilling apparatus or the like with position monitoring system. 4,545,017, 10-1-85, Cl. 364-422.000.

Richardson, Frank B., to Thomas Swan & Co. Ltd. Curing of epoxide resins. 4,526,721, 7-2-85, Cl. 260-404.500.

Richardson, Gary H.; and Thorpe, J. Derle, to Utah State University Foundation. Apparatus and methods for measuring milk coagulation time and rigidity in the manufacture of fermented dairy products. 4,542,645, 9-24-85, Cl. 73-64.100.

Richardson, Gary H., to Utah State University Foundation. Method of making cheese with proteinase negative lactic bacteria. 4,554,165, 11-19-85, Cl. 426-36.000.

Richardson GmbH: *See—*
- Wienecke, Horst G. P., 4,529,748, Cl. 523-120.000.

Richardson Graphics Company: *See—*
- Amariti, Luigi; and Santos, Llandro C., 4,499,170, Cl. 430-169.000.

Richardson, Gunnar D.: *See—*
- Smythe, Robert A.; Bunkenburg, Joachim; and Richardson, Gunnar D., 4,509,858, Cl. 356-358.000.

Richardson, James E.: *See—*
- Howes, James P.; and Richardson, James E., 4,505,132, Cl. 62-457.000.

Richardson, John J., to GAF Corporation. Dielectric film processor. 4,527,509, 7-9-85, Cl. 418-650.000.

Richardson, Julian H.: *See—*
- Eastmond, Bruce C.; and Richardson, Julian H., 4,541,118, Cl. 455-35.000.

Richardson, Kenneth; and Cooper, Kelvin, to Pfizer Inc. N-acyl 3-aryl-3-hydroxy-4-(1H-1,2,4-triazol-1-yl)-butyramide antifungal agents. 4,503,063, 3-5-85, Cl. 514-383.000.

Richardson, Kenneth; and Cooper, Kelvin, to Pfizer Inc. 2-heterocyclic-1,3-bis(1H-1,2,4-triazol-1-yl)-propan-2-ols as antifungal agents. 4,510,148, 4-9-85, Cl. 514-340.000.

Richardson, Kenneth; and Whittle, Peter J., to Pfizer Inc. Antifungal 1-aryl-2-(1H-1,2,4-triazol-1yl)-1-perfluoroalkylethyl halides. 4,518,604, 5-21-85, Cl. 514-340.000.

Richardson, Kenneth; and Whittle, Peter J., to Pfizer Inc. Bis-pyridyl containing triazoles. 4,529,799, 7-16-85, Cl. 546-256.000.

Richardson, Kenneth; and Whittle, Peter J., to Pfizer Inc. Antifungal 1-triazolyl-2-aryl-3-(5-trifluoromethylimidazol-1-yl)propan-2-ol derivatives. 4,554,286, 11-19-85, Cl. 514-383.000.

Richardson, Kenneth; and Whittle, Peter J., to Pfizer Inc. 1,3-bis-(1H-1,2,4-triazol-1-yl)-2-perfluoro-alkylpropan-2-ol antifungal agents. 4,560,697, 12-24-85, Cl. 514-383.000.

Richardson, Kenneth: *See—*
- Cooper, Kevin; Richardson, Kenneth; and Whittle, Peter J., 4,505,919, Cl. 514-340.000.
- Gymer, Geoffrey E.; and Richardson, Kenneth, 4,507,484, Cl. 546-210.000.

Richardson, Mark A.: *See—*
- Fayerman, Jeffrey T.; and Richardson, Mark A., 4,513,086, Cl. 435-317.000.
- Kovacevic, Steven; Fayerman, Jeffrey T.; Miller, James R.; and Richardson, Mark A., 4,559,300, Cl. 435-68.000.

Richardson, Michael M.; and Schaffer, Douglas A., to Kroy, Inc. Tape supply cartridge. 4,557,617, 12-10-85, Cl. 400-208.000.

Richardson, Patrick L., to Carrier Corporation. Annunciator. 4,498,077, 2-5-85, Cl. 340-648.000.

Richardson, Paul; Albers, Daniel C.; and Whitley, David A., to Santa Fe International Corporation. Blind shaft drilling. 4,516,633, 5-14-85, Cl. 166-69.000.

Richardson, Peter J., to Imperial Chemical Industries Limited. Method of preparing tetrahalobenzene compounds, chemical intermediates used therein and certain of the compounds themselves. 4,550,206, 10-29-85, Cl. 564-289.000.

Richardson, Ralph J.: *See—*
- McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., 4,558,451, Cl. 372-89.000.

Richardson, Richard W., to Caterpillar Tractor Co. Adaptive welding system. 4,501,950, 2-26-85, Cl. 219-124.340.

Richardson, Richard W., to Ohio State University, The. Apparatus and method for viewing molten pools in arc welding. 4,532,408, 7-30-85, Cl. 219-130.010.

Richardson, Robert, to Marconi Company Limited, The. Pulse transformer having conductive shield around magnetic core material. 4,496,924, 1-29-85, Cl. 336-84.00R.

Richardson, Robert D.; and Leanhart, Thomas B. Protective shield device for use with medicine vial and the like. 4,552,277, 11-12-85, Cl. 215-249.000.

Richardson, Robert W.: *See—*
- Berman, Samuel M.; and Richardson, Robert W., 4,549,110, Cl. 313-485.000.

Richardson, Ryden L.: *See—*
- Angmorter, Paul K.; Simpson, Howard D.; and Richardson, Ryden L., 4,513,097, Cl. 502-211.000.
- Simpson, Howard D.; Richardson, Ryden L.; and Baron, Kenneth, 4,500,424, Cl. 208-216.0PP.
- Simpson, Howard D.; Richardson, Ryden L.; and Angmorter, Paul K., 4,540,483, Cl. 208-216.0PP.

Richardson, Thomas: *See—*
- Viswanathan, Tito; and Richardson, Thomas, 4,524,164, Cl. 524-14.000.

Richardson, Thomas H.: *See—*
- Beggs, George; and Richardson, Thomas H., 4,495,957, Cl. 132-92.00A.

Richardson-Vicks Inc.: *See—*
- Bogardus, Rodger E.; Packer, Jon D.; and SaNogueira, James P., 4,515,784, Cl. 514-63.000.
- Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,514,528, Cl. 523-120.000.
- Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,518,721, Cl. 523-120.000.
- Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,522,956, Cl. 523-120.000.
- Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,530,942, Cl. 523-118.000.
- Dines, Allen I.; Yeung, David; and Nacht, Sergio, 4,520,133, Cl. 514-568.000.
- Herstein, Morris S.; Smith, Walter P.; and Hawkins, Geoffrey R., 4,534,964, Cl. 424-70.000.
- Shah, Nutan B., 4,511,486, Cl. 252-90.000.
- Smith, Walter P.; and Dunn, Lori J., 4,529,588, Cl. 424-70.000.
- Smith, Walter P.; and Nacht, Sergio, 4,530,828, Cl. 424-61.000.
- Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,522,826, Cl. 514-569.000.
- Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,558,051, Cl. 514-261.000.

Richardson-Vicks Ltd.: *See—*
- Taylor, Peter; and Levy, Alan A., 4,505,924, Cl. 514-399.000.
- White, Christopher D.; and Levy, Alan A., 4,536,389, Cl. 424-44.000.

Richardson, Walter L., to Northern Telecom Limited. Braking device. 4,491,206, 1-1-85, Cl. 188-166.000.

Richardson, William D., to Tuthill Corporation. Tube connector. 4,540,201, 9-10-85, Cl. 285-101.000.

Richardsons Westgarth & Co., Ltd.: *See—*
- Petty, Michael H.; and Tidd, Kenneth, 4,491,077, Cl. 110-278.000.

Richardsson, Gote E.: *See—*
- Danielson, Carl O.; Gustafsson, Bo B.; Richardsson, Gote E.; and Lundh, Karl-Erik, 4,524,880, Cl. 220-288.000.

Richart, Jene A.; Beitler, Bradley D.; and Deeken, David G., to Exxon Production Research Co. Remotely replaceable guidepost method and apparatus. 4,523,878, 6-18-85, Cl. 405-195.000.

Richarts, Fritz, to H. Krantz GmbH & Co. Heat recovery method. 4,510,762, 4-16-85, Cl. 62-79.000.

Richartz, Adolf; Reichmann, Wolfgang; and Knipp, Ulrich, to Bayer Aktiengesellschaft. Process for the production of a lightfast and colorfast composite plastic part. 4,539,166, 9-3-85, Cl. 264-45.100.

Richartz, Adolf: *See—*
- Heusch, Rudolf; Rasshofer, Werner; Reichmann, Wolfgang; and Richartz, Adolf, 4,518,521, Cl. 252-188.310.
- Heusch, Rudolf; Rasshofer, Werner; Reichmann, Wolfgang; and Richartz, Adolf, 4,554,340, Cl. 528-77.000.

Richarz, Winfried; Mangold, Dietrich; and Girgensohn, Bjoern, to BASF Aktiengesellschaft. Preparation of aromatic azomethines. 4,491,672, 1-1-85, Cl. 564-271.000.

Richbourg, Henry L.: *See—*
- Kirkpatrick, Harold B.; Ravreby, Fred A.; and Richbourg, Henry L., 4,498,467, Cl. 128-90.000.

Richdel, Inc.: *See—*
- Saarem, Myrl J.; and Lovelace, Donald E., 4,505,450, Cl. 251-24.000.

Richelli, Angelo; and Battistella, Guido. Device for storing and automatic drawing of so-called intermediate elements, for loading, feeding and discharge of certain products, from a freezer to horizontal plates. 4,553,406, 11-19-85, Cl. 62-341.000

Richert, Anton S.: *See—*
- Berry, Larry R.; and Richert, Anton S., 4,494,588, Cl. 144-209.00R.
- Shrum, Kenneth L.; King, Lawrence G.; and Richert, Anton S., 4,529,021, Cl. 144-357.000.

Richert, Carson T.: *See—*
- Crain, N. Robert; and Richert, Carson T., 4,517,448, Cl. 219-388.000.

Richert, Gerald R.: *See—*
- Mills, George A.; and Richert, Gerald R., 4,515,275, Cl. 209-558.000.

Richert, Manfred, to Marker International Company. Electronic safety ski binding having oblique, orthogonal transducers. 4,526,397, 7-2-85, Cl. 280-612.000.

Richert, Manfred: *See—*
- Emert, Anton; Knabel, Walter; and Richert, Manfred, 4,515,388, Cl. 280-605.000.

Riches, Arthur J.; and Mitchell, Brian, to Allied Corporation. Electrical connector member. 4,550,967, 11-5-85, Cl. 339-88.00R.

Riches, Kenneth M.: *See—*

  Barlow, Peter L.; and Riches, Kenneth M., 4,503,176, Cl. 524-62.000.

Richey, Clyde D., to Jacobs Manufacturing Company, The. Tool chest with retractable step. 4,545,628, 10-8-85, Cl. 312-235.00A.

Richey, Daniel D.: *See—*

  Stahura, Daniel W.; and Richey, Daniel D., 4,551,630, Cl. 290-38.00R.

Richey, Earl D., to United States of America, Army. Jointed conveyor. 4,542,819, 9-24-85, Cl. 198-584.000.

Richey, Joseph B.; Wake, Robert H.; Walters, Ronald G.; Hunt, Willard F.; and Cool, Steven L., to Technicare Corporation. Cardiac imaging with CT scanner. 4,547,892, 10-15-85, Cl. 378-8.000.

Richey, Phillip C.: *See—*

  Peek, Charles L.; Richey, Phillip C.; and Summers, James H., 4,559,614, Cl. 364-900.000.

Richey, Warren F.: *See—*

  Tasset, Emmett L.; Dallessandro, Susan M.; and Richey, Warren F., 4,524,011, Cl. 252-171.000.

Richgels, Henry J.: *See—*

  Gassaway, Gary S.; Richgels, Henry J.; and Foster, James I., 4,528,649, Cl. 367-36.000.

Richie, Michael: *See—*

  Stephansen, Erik; Sharma, Rajeeva; and Richie, Michael, 4,494,316, Cl. 34-68.000.

Richman, Lonnie J.; and Stockmaster, Edward F., to Babcock & Wilcox Company, The. Vent cover. 4,561,558, 12-31-85, Cl. 220-203.000.

Richmond, Anthony J. C., to Lucas Industries Public Limited Company. Method of manufacturing bearing blocks. 4,523,365, 6-18-85, Cl. 29-527.400.

Richmond, Carl T.; Butler, Thomas A.; and Andrews, Joseph E., Jr., to Motorola, Inc. Ultra linear frequency discriminator circuitry. 4,525,675, 6-25-85, Cl. 328-140.000.

Richmond, Frank M.: *See—*

  Fowles, Tom A.; Lee, Robert; Richmond, Frank M.; and Tobiasz, Henry, 4,497,104, Cl. 29-419.00R.

Richmond, Iain J.; Wong, David; Puust, Ants; and Oldham, James A., to Hunter Enterprises Orillia Limited. Solid fuel furnace. 4,517,903, 5-21-85, Cl. 110-233.000.

Richmond, James M.: *See—*

  White, Kenneth B.; Richmond, James M.; and Stanley, Keith D., 4,544,506, Cl. 260-462.00R.

Richmond, James W., to Stryker Corporation. Ligament tunneling instrument. 4,509,516, 4-9-85, Cl. 128-303.00R.

Richmond, Kenneth D.: *See—*

  Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.

Richmond Lox Equipment Company: *See—*

  Cavanna, Cesar E., 4,502,846, Cl. 417-362.000.

Richmond, Michael S.: *See—*

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Richter, Hans H., to Marshall and Williams Company. Tenter frame drive and method. 4,497,096, 2-5-85, Cl. 26-74.000.

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Richter, Ian: *See—*

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Richter, Johannes: *See—*

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Richter, Karl H.: *See—*

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Richter, Klaus: *See—*

Zabrocki, Karl; Tiburtius, Christoph; Doring, Joachim; and Richter, Klaus, 4,547,533, Cl. 523-206.000.

Richter, Kurt W.: *See—*

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Richter, Peter: *See—*

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Richter, Reinhard H.: *See—*

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Richter, Roland; Muller, Hanns P.; Wagner, Kuno; Riberi, Bernd; and Frohlich, Jurg, to Bayer Aktiengesellschaft. Process for the preparation of mixed trimers from organic isocyanates, the mixed trimers obtained according to the process and the use thereof for the production of polyurethanes. 4,518,761, 5-21-85, Cl. 528-67.000.

Richter, Roland; Reinecke, Paul; Muller, Hanns P.; Bonse, Gerhard; and Brandes, Wilhelm, to Bayer Aktiengesellschaft. Pest-combating agent having increased duration of action. 4,560,738, 12-24-85, Cl. 528-62.000.

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Kummer, Rudolf; Richter, Wolfgang; Schwirten, Kurt; and Stops, Peter, 4,533,757, Cl. 568-454.000.

Schneider, Heinz-Walter; Richter, Wolfgang; Disteldorf, Walter; and Kummer, Rudolf, 4,537,987, Cl. 560-193.000.

Rickard, Earl K., to Combustion Engineering, Inc. Steam generator with gas recirculation to the ash hopper region of the furnace. 4,494,468, 1-22-85, Cl. 110-234.000.

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Ricke, Franz: *See—*

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Ricke, James. Hole plug. 4,534,088, 8-13-85, Cl. 24-295.000.

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Rickert, David W.; Wilkinson, Richard A., Jr.; and Hunt, William C., to Storage Technology Partners II. Apparatus for centering and clamping an information recording disk in a data storage device. 4,502,136, 2-26-85, Cl. 369-271.000.

Rickert, David W., to Storage Technology Partners II. Centering device for interchangeable disk. 4,545,047, 10-1-85, Cl. 369-290.000.

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Rickert, Glenn E. Projected stereoscopic picture separation. 4,535,354, 8-13-85, Cl. 358-88.000.

Rickert, Milton E., Jr., to General Electric Company. Process and composition for producing permanently water wettable surfaces. 4,536,420, 8-20-85, Cl. 427-257.000.

Rickert, Robert E., to Vista Polymers Inc. Removal and reinstallation of bottom entering agitator seals. 4,507,841, 4-2-85, Cl. 29-402.080.

Ricketts, Thomas E.; and Shaler, John E., to Occidental Oil Shale, Inc. Method for loading explosive charges into blastholes formed in a subterranean formation. 4,513,665, 4-30-85, Cl. 102-312.000.

Ricketts, Thomas E., to Occidental Oil Shale, Inc. Stability control in underground workings adjacent an in situ oil shale retort. 4,531,783, 7-30-85, Cl. 299-2.000.

Ricketts, Thomas E., to Occidental Oil Shale, Inc. Method for forming uniform flow rubble bed. 4,533,181, 8-6-85, Cl. 299-2.000.

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Rickey, Wynn P.; Dobson, Deborah H.; and Huffaker, Roger W., to Exxon Production Research Co. Method for pigging hydrocarbon product flowlines. 4,528,041, 7-9-85, Cl. 134-8.000.

Rickey, Wynn P.: *See—*

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Rickling, Arthur R. Portable gun holder case. 4,548,392, 10-22-85, Cl. 269-156.000.

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Ricks, Tom E., Sr. Methods of and means for low volume wellhead compression hydrocarbon gas. 4,505,333, 3-19-85, Cl. 166-267.000.

Rickus, Edmund; and Jager, Karlheinz, to Battelle-Institut e.V. MIS or SIS Solar cells. 4,495,375, 1-22-85, Cl. 136-255.000.

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Furukawa, Noboru, 4,494,149, Cl. 358-257.000.

Furukawa, Tatsuya; and Horike, Masanori, 4,558,995, Cl. 417-322.000.

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Machida, Hazime; and Tanaka, Motoharu, 4,562,105, Cl. 428-161.000.
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Matsumoto, Shuzo; Isayama, Takuro; Yamazaki, Hiroshi; and Katano, Yasuo, 4,559,544, Cl. 346-140.00R.
Matsuura, Tadashi; and Kadomatsu, Yasuo, 4,514,483, Cl. 430-84.000.
Mayer, Edward F.; and van Blerk, Victor B., 4,519,699, Cl. 355-15.000.
Mayer, Edward F., 4,521,095, Cl. 355-3.0FU.
Mayer, Edward F., 4,529,295, Cl. 355-15.000.
Mayer, Edward F., 4,553,827, Cl. 355-3.0DD.
Mayer, Edward F., 4,559,509, Cl. 355-3.0TR.
Miyake, Kiyoshi; and Kaneko, Hiroko, 4,521,081, Cl. 350-357.000.
Mochimaru, Hideaki, 4,535,982, Cl. 271-127.000.
Motosugi, Takanori; Sakai, Hisashi; and Iiyama, Kiyotaka, 4,507,670, Cl. 346-208.000.
Murai, Kazuo; and Hasegawa, Yutaka, 4,519,695, Cl. 355-14.00R.
Murai, Kazuo; and Hasegawa, Yutaka, 4,539,279, Cl. 430-30.000.
Nagayama, Haruhiko; and Tomita, Satoru, 4,547,059, Cl. 355-3.0BE.
Nishi, Kohichi; and Takahashi, Akira, 4,550,997, Cl. 354-459.000.
Ogawa, Mutsuo; and Murayama, Noboru, 4,504,115, Cl. 358-260.000.
Ohkouchi, Fusakichi; and Suzuki, Kazuhiro, 4,517,607, Cl. 358-284.000.
Ohno, Yoshimi; Tsurukawa, Ikuya; and Ishino, Tokio, 4,498,754, Cl. 354-479.000.
Ohno, Yoshimi; and Tsurukawa, Ikuya, 4,561,747, Cl. 354-402.000.
Ohseto, Seiichi, 4,529,292, Cl. 355-3.0CH.
Ohta, Masafumi, 4,507,471, Cl. 534-755.000.
Ohta, Masafumi, 4,529,678, Cl. 430-58.000.
Ohzeki, Yoshiaki, 4,524,393, Cl. 358-257.000.
Okazaki, Hideo; Imagome, Hiroshi; Suzuka, Susumu; and Sakai, Kiyoshi, 4,521,605, Cl. 548-440.000.
Sakai, Katsuo; and Demizu, Hiromi, 4,521,502, Cl. 430-42.000.
Sakai, Katsuo, 4,544,935, Cl. 346-155.000.
Sakamoto, Hiroshi; Inaba, Norihiko; and Taniguchi, Keishi, 4,506,278, Cl. 346-216.000.
Sakamoto, Hiroshi; Koseki, Yoshihiro; Motosugi, Takanori; and Inaba, Norihiko, 4,507,669, Cl. 346-207.000.
Sakuma, Seiiti; and Karasawa, Shuichi, 4,521,504, Cl. 430-57.000.
Sakurai, Akira, 4,516,262, Cl. 382-18.000.
Sakurai, Akira, 4,533,959, Cl. 358-280.000.
Sasaki, Masaomi, 4,515,883, Cl. 430-58.000.
Sato, Tsutomu; and Horike, Masanori, 4,550,321, Cl. 346-75.000.
Sato, Tsutomu, 4,555,711, Cl. 346-75.000.
Satoh, Tsumori, 4,527,686, Cl. 198-807.000.
Segawa, Hideo; Mori, Koji; Itagaki, Masanori; Sakurai, Kohichi; and Ishiwata, Tatsumi, 4,499,384, Cl. 250-578.000.
Shimada, Masaru; and Sasaki, Masaomi, 4,500,355, Cl. 106-22.000.
Shimura, Akira, 4,500,196, Cl. 355-3.0DD.
Shimura, Akira, 4,501,484, Cl. 355-15.000.
Shinya, Ryohei; Miura, Shin'ichi; and Aozuka, Rikio, 4,534,312, Cl. 118-666.000.
Soumiya, Norimasa, 4,538,901, Cl. 355-14.00E.
Sugie, Masatoshi, 4,519,081, Cl. 371-57.000.
Sugiyama, Hiroaki, 4,520,695, Cl. 81-3.070.
Suguro, Yoshihiro; and Nagamoto, Masanaka, 4,542,394, Cl. 346-209.000.
Suzaki, Masayuki; and Kanno, Tetuo, 4,501,509, Cl. 400-157.200.
Suzaki, Masayuki; and Kanno, Tetuo, 4,512,674, Cl. 400-208.000.
Suzaki, Masayuki; and Kanno, Tetuo, 4,552,475, Cl. 400-144.200.
Suzuki, Kazuhiro, 4,549,220, Cl. 358-283.000.
Suzuki, Kazuhiro; and Murayama, Noboru, 4,562,486, Cl. 358-282.000.
Suzuki, Kohji; Yoo, Hideo; and Takamiya, Yoshio, 4,502,780, Cl. 355-15.000.
Suzuki, Kohji, 4,515,467, Cl. 355-15.000.
Tagoku, Izumi, 4,556,311, Cl. 355-14.00R.
Takahashi, Akira, 4,518,253, Cl. 356-4.000.
Takahashi, Akira, 4,533,227, Cl. 354-403.000.
Takahashi, Shuichi; Kondo, Mitsuru; and Yuasa, Kazuhiro, 4,539,600, Cl. 358-282.000.
Takemoto, Takeshi, 4,505,604, Cl. 400-144.200.
Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, 4,538,164, Cl. 346-209.000.
Tanaka, Hidetake, 4,532,463, Cl. 318-616.000.
Taniguchi, Keishi; and Iiyama, Kiyotaka, 4,502,068, Cl. 346-216.000.
Tatara, Yoshikuni, 4,498,795, Cl. 400-637.100.
Tomita, Satoru; Shimura, Akira; and Yokota, Takashi, 4,499,849, Cl. 118-652.000.
Tsukioka, Yasunori, 4,532,379, Cl. 179-2.00R.
Tsutsui, Kyoji, 4,540,643, Cl. 430-58.000.
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Uozumi, Osamu, 4,510,833, Cl. 83-205.000.
Watanabe, Hideo; Takigawa, Nobuhiro; Hakiri, Minoru; Kawasaki, Kanjirou; and Kubo, Keishi, 4,529,993, Cl. 346-208.000.
Watanabe, Hideo; Hakiri, Minoru; Kawasaki, Kanjirou; Kubo, Keishi; and Takigawa, Nobuhiro, 4,562,448, Cl. 346-208.000.
Watanabe, Nobuyoshi; and Matsuda, Tsutomu, 4,497,887, Cl. 430-138.000.
Yamaga, Shigeru; and Furukawa, Masamichi, 4,494,854, Cl. 354-484.000.
Yamane, Satoshi; and Suzuki, Toshitatsu, 4,527,892, Cl. 356-1.000.
Yanagida, Shoji, 4,525,658, Cl. 318-317.000.
Yanagida, Shoji, 4,556,926, Cl. 361-154.000.
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Ricoh Systems, Inc.: *See—*
  Wurster, Herbert K., 4,500,621, Cl. 430-72.000.
Ricoh Watch Co., Ltd.: *See—*
  Kamiya, Kenji; and Hosoi, Masatoshi, 4,512,229, Cl. 84-1.010.
  Kaneko, Nobuo; Takemoto, Takeshi; and Yasuda, Hiroshi, 4,530,280, Cl. 101-93.020.
Ricor Ltd.: *See—*
  Pundak, Nachman; and Shtrikman, Shmuel, 4,514,987, Cl. 62-6.000.
Ricouard, Jacques; and Quillet, Jean-Pierre, to L.A.S. Ricouard S.A. Combination cylinder lock. 4,499,745, 2-19-85, Cl. 70-285.000.
Ricouard, Jacques; and Chappoux, Claude, to L.A. Ricouard S.A.; and Ronis S.A. Baggage closure. 4,551,998, 11-12-85, Cl. 70-69.000.
Ricwil, Incorporated: *See—*
  Weitzel, Harold B.; and Parman, David G., 4,532,375, Cl. 174-107.000.
Riddell, David: *See—*
  Ashton, Michael J.; Bridge, Andrew W.; Chapman, Robert F.; Fenton, Garry; Loveless, Anthony H.; and Riddell, David, 4,493,843, Cl. 424-274.000.
Ridder, Robert A.; and Tramontana, Joseph C., to Xerox Corporation. Light emitting semiconductor mount. 4,550,333, 10-29-85, Cl. 357-81.000.

Ridder, Wouterus, to U.S. Philips Corporation. Broadcast receiver with automatic broadcast station storage. 4,561,112, 12-24-85, Cl. 455-166.000.
Ridders, Johannes A. M.: *See—*
  Van Gils, Wilhelmus M. J.; Mollet, Adrianus J. T.; and Ridders, Johannes A. M., 4,545,774, Cl. 445-22.000.
Riddiford, Frederick A., to British Petroleum Company p.l.c., The. Ignition system. 4,519,453, 5-28-85, Cl. 166-303.000.
Riddle, Eddie R.: *See—*
  Molbert, John L.; and Riddle, Eddie R., 4,525,854, Cl. 378-089.000.
Riddle, George H. N.: *See—*
  van Raalte, John A.; and Riddle, George H. N., 4,516,232, Cl. 369-126.000.
Riddle, Harry W., to Baker Oil Tools, Inc. Stop device for well conduit. 4,530,399, 7-23-85, Cl. 166-173.000.
Riddle, Harry W.: *See—*
  Muse, John F.; Riddle, Harry W.; Zeiler, Frank S.; and Buruato, Juventino, 4,531,582, Cl. 166-241.000.
Riddle, Ronald G., to Riddle, Terrence Arthur, a part interest. Tripod. 4,524,849, 6-25-85, Cl. 182-170.000.
Riddle, Terrence Arthur: *See—*
  Riddle, Ronald G., 4,524,849, Cl. 182-170.000.
Rideal, Graham R.: *See—*
  Briggs, Peter J.; McAloon, Kevin; and Rideal, Graham R., 4,543,287, Cl. 428-288.000.
Ridel, Philippe, to U.S. Philips Corporation. Amplifier circuit with automatic gain control and hearing aid equipped with such a circuit. 4,509,022, 4-2-85, Cl. 330-284.000.
Rideout, Eugene C.: *See—*
  Degironimo, Bruno; Silverman, Neil D.; Oliver, William R.; and Rideout, Eugene C., 4,502,488, Cl. 128-692.000.
Rider, Billie F., to Rockwell International Corporation. Cross-axis acceleration compensation for angular rate sensing apparatus. 4,520,669, 6-4-85, Cl. 73-510.000.
Rider, Earle B. Stand for dispensing filamentary material from reels. 4,537,106, 8-27-85, Cl. 83-650.000.
Ridge, Charles A., Jr., to Eastern Foam Products, Inc. Method for preparing flexible polyurethane foams from polymer/polyols and improved polyurethane foam product. 4,554,295, 11-19-85, Cl. 521-110.000.
Ridge, Inc.: *See—*
  Peugeot, Richard S., 4,521,902, Cl. 378-138.000.
Ridgely, Myron H.: *See—*
  Foss, Janet M. P.; Foss, John; Brooks, Christopher G.; and Ridgely, Myron H., 4,505,495, Cl. 280-651.000.
Ridgeon, Paul W., to Walkover Limited. Wheeled applicator for liquids. 4,508,248, 4-2-85, Cl. 222-623.000.
Ridgewell, Terence E.; and Vallis, Keith, to Kimberly-Clark Limited. Catch or lock. 4,500,120, 2-19-85, Cl. 292-19.000.
Ridgley, James R.; and Reeder, Bruce L., to North American Philips Corporation. Mounting means and method of affixing a drop coin mechanism. 4,545,474, 10-8-85, Cl. 194-1.00E.
Ridgway, Frank: *See—*
  Jackson, Ivan; Ward, Michael D.; and Ridgway, Frank, 4,542,020, Cl. 514-31.000.
Ridgway, Thomas H.: *See—*
  Shah, Ramesh M.; and Ridgway, Thomas H., 4,532,414, Cl. 219-308.000.
Ridley, John D.: *See—*
  Clements, Reginald M.; Ridley, John D.; and Pitt, Philip L., 4,546,740, Cl. 123-304.000.
Ridout, Paul S.; and Birks, Colin, to Lucas Chloride EV Systems Limited. Heat sink for semi-conductor devices having terminals projecting from a heat sink transfer face. 4,517,585, 5-14-85, Cl. 357-81.000.
Riead, John T., to Rieadco Corporation. Line attachment for fishing float. 4,506,471, 3-26-85, Cl. 43-44.870.
Rieadco Corporation: *See—*
  Riead, John T., 4,506,471, Cl. 43-44.870.
Riebel, Hans-Jochem; Eue, Ludwig; Faust, Wilfried; and Priesnitz, Uwe, to Bayer Aktiengesellschaft. N-acyl-piperidone ketal compounds and their use as antidotes for protecting crop plants from herbicidal damage. 4,548,639, 10-22-85, Cl. 71-94.000.
Riebel, Hans-Jochem: *See—*
  Forster, Heinz; Klauke, Erich; Priesnitz, Uwe; Riebel, Hans-Jochem; Eue, Ludwig; and Schmidt, Robert R., 4,518,416, Cl. 71-94.000.
  Maurer, Fritz; Priesnitz, Uwe; and Riebel, Hans-Jochem, 4,492,800, Cl. 562-506.000.
Rieben, Werner P.: *See—*
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Rieber, Norbert; Hellbach, Hans; Hunziker, Gerhard; and Mueller, Guenter, to BASF Aktiengesellschaft. Process and apparatus for the safe supply of molecular oxygen or of gas containing molecular oxygen to an oxidation of hydrocarbons. 4,491,674, 1-1-85, Cl. 568-357.000.
Rieber, Norbert; Boehm, Heinrich; and Adolphi, Heinrich, to BASF Aktiengesellschaft. Halogenated 1-hydroxypyrazoles and their use as pesticides. 4,492,689, 1-8-85, Cl. 424-200.000.
Rieber, Norbert; Boehm, Heinrich; and Adolphi, Heinrich, to BASF Aktiengesellschaft. Halogenated 1-hydroxypyrazoles. 4,511,723, 4-16-85, Cl. 548-376.000.
Rieber, Norbert; Platz, Rolf; and Jung, Johann, to BASF Aktiengesellschaft. Norbornane compounds, plant growth regulators containing these compounds, and their intermediates. 4,512,795, 4-23-85, Cl. 71-88.000.
Rieber, Norbert; Bohm, Heinrich; Platz, Rolf; and Fuchs, Werner, to BASF Aktiengesellschaft. Preparation of polycyclic nitrogen-containing compounds. 4,562,262, 12-31-85, Cl. 548-257.000.
Riebli, Peter; Fischer, Hanspeter; Thummel, Rudolph C.; and Hubele, Adolf, to Ciba-Geigy Corporation. Microbicidal N-(tetrahydro-2-on-fur-3-yl)-N-substituted acetyl-anilines and -naphthylamines. 4,508,731, 4-2-85, Cl. 514-472.000.
Riebli, Peter: *See—*
  Hubele, Adolf; and Riebli, Peter, 4,546,109, Cl. 514-493.000.
Riebock, William D.: *See—*
  Sandy, Julius W.; Riebock, William D.; and Bauscher, Billy J., 4,536,107, Cl. 408-214.000.
Rieck, Hans-Peter; and Kalz, Hans-Jurgen, to Hoechst Aktiengesellschaft. Process for the manufacture of zeolites. 4,528,172, 7-9-85, Cl. 423-329.000.
Rieck, Harold P.; and Kirkpatrick, Ralph A., to General Electric Company. Turbine cooling air deswirler. 4,541,774, 9-17-85, Cl. 415-115.000.
Rieck, James N.: *See—*
  Yeater, Robert P.; Pantone, Richard S.; and Rieck, James N., 4,551,498, Cl. 524-424.000.
Rieck, Richard E.: *See—*
  Christian, John H.; Hartung, Michael H.; Nolta, Arthur H.; Reed, David G.; Rieck, Richard E.; and William, John S., 4,533,995, Cl. 364-200.000.
Ried, Alois: *See—*
  Schwellinger, Pius; Ried, Alois; Timm, Jurgen; and Heckler, Manfred, 4,525,326, Cl. 420-535.000.
Riedel, Jack: *See—*
  Blosser, Henry G.; Johnson, David A.; Riedel, Jack; and Burleigh, Richard J., 4,507,616, Cl. 328-234.000.
Riedel, Kenneth E.: *See—*
  Nystrom, Wilford O.; Riedel, Kenneth E.; and Doerschner, David L., 4,540,409, Cl. 604-349.000.
  Osburn, Frank G.; and Riedel, Kenneth E., 4,534,768, Cl. 604-350.000.
Rieder, Heinz; and Schwaiger, Max. Instrument for measuring lengths. 4,550,505, 11-5-85, Cl. 33-125.00C.
Riederauer, Szilard: *See—*
  Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.
Riederer, Stephen J.; and Pelc, Norbert J., to General Electric Company. Matched filter for X-ray temporal subtraction. 4,504,908, 3-12-85, Cl. 364-414.000.
Riederer, Stephen J., to General Electric Company. Matched filter for x-ray hybrid subtraction. 4,542,459, 9-17-85, Cl. 364-414.000.
Riederer, Stephen J.; and Keyes, Gary S., to General Electric Company. Integrated hybrid image remasking in a subtraction angiography method. 4,551,800, 11-5-85, Cl. 364-414.000.
Riederer, Stephen J.: *See—*
  Jensen, Gerald A.; Wesbey, William H.; and Riederer, Stephen J., 4,496,985, Cl. 358-111.000.
Riedesel, Udo: *See—*
  Jung, Helmut; Pempera, Franz G.; and Riedesel, Udo, 4,505,050, Cl. 34-54.000.
Riedesser, Walter: *See—*
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Riediger, Craig W.; Mangus, Ervin E.; Simmons, Gerald P.; and Knock, Anthony J., to Caterpillar Tractor Co. Control mechanism for operating a tractor. 4,541,497, 9-17-85, Cl. 180-6.480.
Riediker, Martin; Rohde, Ottmar; Roth, Martin; and Buhler, Niklaus, to Ciba-Geigy Corporation. Photopolymerizable compositions containing prepolymers with olefin double bonds and titanium metallocene photoinitiators. 4,548,891, 10-22-85, Cl. 430-283.000.
Riedl, Hermann, to Siemens Aktiengesellschaft. Device for generating images of an examination subject. 4,510,448, 4-9-85, Cl. 324-309.000.
Riedl, Josef, to Stahlcord Betriebsgesellschaft m.b.H. Metal cord. 4,543,298, 9-24-85, Cl. 428-592.000.
Riedl, Max J.: *See—*
  Kern, Mark T.; Bell, Robert A.; and Riedl, Max J., 4,544,843, Cl. 250-239.000.
Riedl, Reinhold, to Haacon Hebetechnik GmbH. Movable lifting and depositing device for portable containers, e.g., cabins, containers, shelters or the like. 4,516,901, 5-14-85, Cl. 414-458.000.
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Riedy, Richard C., to Air Products and Chemicals, Inc. Method and apparatus for valve motor actuation of a displacer-expander refrigerator. 4,538,416, 9-3-85, Cl. 62-6.000.
Riege, David H.: *See—*
  Marinkovich, Vincent A.; Riege, David H.; and Dyminski, John W., 4,558,013, Cl. 436-513.000.
  Sell, William J.; Peisach, Joel M.; and Riege, David H., 4,510,393, Cl. 250-475.200.
Riegel, Hans: *See—*
  Fey, Michael; Finkelstein, Wolfgang; Haaz, Josef; and Riegel, Hans, 4,549,474, Cl. 98-120.000.

  - Finkelstein, Wolfgang; and Riegel, Hans, 4,508,022, Cl. 98-40.120.
- Riegel, Herbert; Huang, Chiung-Yuan; and Strangio, Vincent A., to Lummus Company, The. Hydrogen chloride-propylene separation. 4,558,167, 12-10-85, Cl. 570-238.000.
- Riegel, Ulrich: *See—*
  - Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,500,437, Cl. 252-8.55C.
  - Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,551,513, Cl. 526-307.100.
- Rieger, Ewald: *See—*
  - Wiedemann, Fritz; and Rieger, Ewald, 4,507,488, Cl. 548-362.000.
- Rieger, Franz: *See—*
  - Damson, Eckart; Moser, Winfried; Muller, Klaus; Rieger, Franz; and Schubler, Rainer, 4,506,186, Cl. 313-129.000.
  - Damson, Eckart; Latsch, Reinhard; Linder, Ernst; Rieger, Franz; and Schussler, Rainer, 4,514,656, Cl. 313-11.500.
  - Linder, Ernst; Maurer, Helmut; Muller, Klaus; and Rieger, Franz, 4,496,455, Cl. 204-412.000.
  - Linder, Ernst; Moser, Winfried; and Rieger, Franz, 4,499,867, Cl. 123-145.00A.
- Rieger, Georg: *See—*
  - Mannhart, Alto; and Rieger, Georg, 4,559,691, Cl. 29-283.500.
- Rieger, Martin M.: *See—*
  - Yang, Robert; and Rieger, Martin M., 4,514,422, Cl. 426-3.000.
- Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, to Swiss Aluminium Ltd. Filter medium for filtering molten metals. 4,528,099, 7-9-85, Cl. 210-489.000.
- Riegger, Siegfried: *See—*
  - Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.
- Riegger, Wolfgang: *See—*
  - Chlosta, Wolfgang; and Riegger, Wolfgang, 4,554,436, Cl. 219-385.000.
  - Chlosta, Wolfgang; and Riegger, Wolfgang, 4,558,603, Cl. 73-864.210.
- Riegler, Ernst: *See—*
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  - Lugscheider, Walter; Steipe, Othmar; Riegler, Ernst; and Zajicek, Ernst, 4,504,307, Cl. 75-10.00R.
  - Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; and Mullner, Paul, 4,518,417, Cl. 75-10.00R.
  - Lugscheider, Walter; Riegler, Ernst; and Zajicek, Ernst, 4,518,419, Cl. 75-11.000.
  - Lugscheider, Walter; Leutgob, Alois; Riegler, Ernst; Zajicek, Ernst; and Puhringer, Othmar, 4,546,483, Cl. 373-24.000.
- Riehl, Fred, to Robertshaw Controls Company. Fuel control system having an electrical ignition probe, parts therefor and methods of making the same. 4,541,797, 9-17-85, Cl. 431-264.000.
- Riehl, Tilford F., Jr., to Brown & Williamson Tobacco Corporation. Mouthpiece for a cigarette and a cigarette having same. 4,550,740, 11-5-85, Cl. 131-336.000.
- Riehle, Harald. Slide rule. 4,538,055, 8-27-85, Cl. 235-70.00R.
- Riehm, Theodor: *See—*
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,431, Cl. 127-37.000.
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,432, Cl. 127-37.000.
- Riek, Jan C., to Research Products Corporation. Variable cycle moisturizing control circuit for a gas-liquid contact pad. 4,559,789, 12-24-85, Cl. 62-157.000.
- Rieke, Brent E.: *See—*
  - Moring, Rodger L.; and Rieke, Brent E., 4,545,452, Cl. 180-88.000.
- Rieke Corporation: *See—*
  - Hamman, Martin E.; and Baughman, Gary M., 4,555,048, Cl. 222-478.000.
  - Summers, Kenneth L.; and Baughman, Gary M., 4,534,481, Cl. 215-253.000.
- Rieke, David M., to Paul Revere Corporation, The. Flail auger for semi-liquid manure spreader. 4,522,296, 6-11-85, Cl. 198-548.000.
- Rieke, David M.; and Pingry, Larry J., to Paul Revere Corporation, The. Endgate for manure spreader. 4,541,570, 9-17-85, Cl. 239-676.000.
- Rieke, Erwin: *See—*
  - Lundstrom, Kurt I.; Arwin, Hans R.; Rieke, Erwin; Sielaff, Gunter; and Hennrich, Norbert, 4,521,522, Cl. 436-525.000.
- Rieke, Richard J., to General Electric Company. Method of X-ray imaging using slit scanning with controlled target erase. 4,493,096, 1-8-85, Cl. 378-99.000.
- Rieker, Hans: *See—*
  - Hirschmann, Adolf M.; Kaser, Klaus; Rieker, Hans; Busch, Hans-Peter; Rathke, Willi; and Maul, Heinz P., 4,526,294, Cl. 222-47.000.
- Rieker, Werner: *See—*
  - Baumann, Fritz; Kranzler, Ernst; Radke, Siegmund; Schilling, Rainer; Fuchs, Wolfgang; and Rieker, Werner, 4,492,344, Cl. 242-1.000.
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  - Demuth, Robert; and Staeheli, Paul, 4,528,722, Cl. 19-98.000.
  - Feusi, Markus; Huber, Josef; Oswald, Heinz; and Pfyffer, Peter, 4,524,918, Cl. 242-18.00A.
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  - Hera, Georg, 4,528,721, Cl. 19-65.00R.
  - Lattion, Andre , 4,558,776, Cl. 198-429.000.
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  - Mueller, Kurt; and Wirz, Armin, 4,497,626, Cl. 432-9.000.
  - Novak, Peter; and Moertl, Willi, 4,506,780, Cl. 198-483.000.
  - Oehy, Peter, 4,497,087, Cl. 19-159.00A.
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  - Schlegel, Andy; and Busenhart, Peter, 4,506,692, Cl. 137-102.000.
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  - Staehli, Urs, 4,505,005, Cl. 19-200.000.
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  - Brough, Denys W., 4,538,409, Cl. 57-336.000.
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- Riggan, William C., to United States of America, Energy. Pulse flux measuring device. 4,516,028, 5-7-85, Cl. 250-370.000.
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  Moore, George G. I., 4,524,210, Cl. 546-340.000.
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Riley, Roy C., to J & R Manufacturing, Inc. Electrical cable connectors. 4,550,966, 11-5-85, Cl. 339-84.000.
Riley Stoker Corporation: *See—*
  Penterson, Craig A.; and Langille, Donald S., 4,517,904, Cl. 110-264.000.
Riley, Terrence H. Ditch digging machine. 4,503,630, 3-12-85, Cl. 37-94.000.
Riley, Thomas C., Jr.; Tharp, Charles P.; and Lapka, Galen G., to KV Pharmaceutical Company. Vaginal delivery systems and their methods of preparation and use. 4,551,148, 11-5-85, Cl. 604-890.000.
Riley, Thomas E.: *See—*
  March, Joseph E.; and Riley, Thomas E., 4,527,677, Cl. 190-110.000.
Riley, Thomas J. Polymeric film coating apparatus. 4,495,889, 1-29-85, Cl. 118-666.000.
Riley, Thomas J. Polymeric film coating method with continuous deposition pressure control. 4,518,623, 5-21-85, Cl. 427-8.000.
Riley, Victor, to Canadian Patents & Development Limited. Barrier for floating pollutants. 4,543,012, 9-24-85, Cl. 405-71.000.
Riley, Victor, to Imperial Oil Limited. Prefabricated building units. 4,553,362, 11-19-85, Cl. 52-236.300.
Riley, Wayne C.: *See—*
  Wicke, Charles A.; and Riley, Wayne C., 4,513,887, Cl. 222-146.500.
Riley, William M., Jr; and Vassmer, Gregory R., to Chicago Rawhide Manufacturing Company. Seal having casing unit with contoured annular inner diameter. 4,526,384, 7-2-85, Cl. 277-153.000.
Riley, William M., Jr., to Chicago Rawhide Manufacturing Company. Contoured shaft seal for high pressure applications. 4,560,177, 12-24-85, Cl. 277-134.000.
Rilling, Raymond J.: *See—*
  Mullet, David L.; Rilling, Raymond J.; and Voth, Elmer D., 4,497,160, Cl. 56-6.000.
Rima Enterprises: *See—*
  Steinhart, Horst K., 4,547,112, Cl. 414-31.000.
Rimai, Donald S.: *See—*
  Jadwin, Thomas A.; and Rimai, Donald S., 4,517,272, Cl. 430-110.000.
Rimbert, Jean-Francis: *See—*
  Foulard, Jean; Rimbert, Jean-Francis; Vernet, Gilles; and Goursat, Albert-Gilbert, 4,518,421, Cl. 75-49.000.
  Goursat, Albert-Gilbert; Vernet, Gilles; Rimbert, Jean-Francis; Foulard, Jean; Darle, Thierry; and Bigot, Jean, 4,521,244, Cl. 75-0.50B.
Rimington, David J.: *See—*
  Tremain, David L.; Beach, Burt L.; and Rimington, David J., 4,561,305, Cl. 73-323.000.
Rimma, John: *See—*
  Crockatt, William B.; and Rimma, John, 4,539,047, Cl. 106-268.000.
Rimmeir, Paul. Device for removing portion of a roll and method of using same. 4,507,866, 4-2-85, Cl. 30-316.000.
Rimmele, Walter: *See—*
  Schollkopf, Ernst; and Rimmele, Walter, 4,498,946, Cl. 156-324.000.
Rimmer, Michael J.; and Varga, John M. J. Movable flat for a carding engine and a support assembly therefor. 4,559,674, 12-24-85, Cl. 19-102.000.
Rimpi, Pertti K., to Oy Tampella AB. Method of recovering chemicals from chloride-containing green liquor. 4,561,934, 12-31-85, Cl. 162-30.100.
Rimrock Corporation: *See—*
  Kirsch, Jerry; Kirsch, Kerry F.; and Hornacek, Kenneth J., 4,493,245, Cl. 92-2.000.
Rimsa, Stephen B.; Harris, James E.; Chao, Herbert S.; and Maresca, Louis M., to Union Carbide Corporation. Circuit board substrates prepared from poly(aryl ethers)s. 4,550,140, 10-29-85, Cl. 525-132.000.
Rinaldi, Antonio: *See—*
  Neri, Carlo; Giroldini, Villiam; Traversoni, Mario; Guizzi, Guido; Perrotti, Emilio; and Rinaldi, Antonio, 4,562,266, Cl. 549-462.000.

Rinaldi, Roger E. Well casing inserting and well bore drilling method and means. 4,544,041, 10-1-85, Cl. 175-57.000.

Rindal, Abraham E., to RCA Corporation. Sound signal and impulse noise detector for television receivers. 4,514,763, 4-30-85, Cl. 358-167.000.

Rindal, Abraham E.: *See—*
  Griffis, Patrick D.; and Rindal, Abraham E., 4,511,924, Cl. 358-197.000.

Rinde, David L.: *See—*
  Baird, Richard H.; Blechar, Theodore J.; Giladett, Leo V. B.; Horner, Reginald M.; Prouty, Gerald G.; and Rinde, David L., 4,527,623, Cl. 165-173.000.

Rinde, James A.; Lopez, Eugene F.; and Glover, Leon C., to Raychem Corporation. Adhesives and devices coated therewith. 4,507,340, 3-26-85, Cl. 428-36.000.

Rindelaub, Frank: *See—*
  Breuer, Hans; Rindelaub, Frank; and Velebil, Gerhard, 4,504,394, Cl. 210-632.000.

Rinderle, Heinz, to Telefunken Electronic GmbH. Signal input circuit with controlled input signal attenuation. 4,494,076, 1-15-85, Cl. 330-284.000.

Rinderle, James R.: *See—*
  Suh, Nam P.; and Rinderle, James R., 4,548,773, Cl. 264-40.600.

Rindfleisch, Volker: *See—*
  Diepold-Scharnitzky, Rudolf; Lesche, Wolfgang; and Rindfleisch, Volker, 4,497,038, Cl. 364-900.000.
  Lesche, Wolfgang; and Rindfleisch, Volker, 4,514,798, Cl. 364-188.000.

Rindfleisch, Werner: *See—*
  Laemmermann, Fritz; Rindfleisch, Werner; Fabian, Wolfgang; and Polster, Rudolf, 4,497,120, Cl. 34-15.000.

Rine, James C.: *See—*
  Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., 4,535,941, Cl. 241-21.000.

Rinefierd, Robert J., Jr., to Westinghouse Electric Corp. Termination frame assembly with protection from EMI from field wiring and rack for same. 4,542,443, 9-17-85, Cl. 361-415.000.

Rinehart, James W.; Gilleland, Frank W.; and Engen, Byron W., to Owens-Corning Fiberglas Corporation. Solar collectors. 4,535,756, 8-20-85, Cl. 126-450.000.

Rinehart, Jay K., to PPG Industries, Inc. Antidotal compound and method. 4,531,970, 7-30-85, Cl. 71-118.000.

Rinehart, John R. Method of making a composite foam taxidermy mannikin involving the use of a cleanable adhesive to hold the artificial eyes in the mold cavity. 4,511,522, 4-16-85, Cl. 264-46.400.

Rinehart, John R. Taxidermy mannikin mold with recesses for supporting artificial eyes. 4,515,340, 5-7-85, Cl. 249-96.000.

Rinehart, Kenneth L., Jr., to University of Illinois, The Board of Trustees of the. Didemnins A, B, C, and derivatives thereof, as antiviral agents. 4,493,796, 1-15-85, Cl. 260-112.50R.

Rinehart, Kenneth L., Jr., to University of Illinois, The Board of Trustees of the. Composition of matter and process. 4,548,814, 10-22-85, Cl. 424-95.000.

Rinehart, Larry F.: *See—*
  Fenneman, David B.; Rinehart, Larry F.; and Hardesty, Leonard W., Jr., 4,516,077, Cl. 324-425.000.
  Gripshover, Ronald J.; and Rinehart, Larry F., 4,491,842, Cl. 343-18.00E.

Rinehart, Nerl D., to Alpha Gauge & Instrument Company. Kinetic fluid sampler. 4,532,813, 8-6-85, Cl. 73-863.020.

Rinehart, Robert E.: *See—*
  Lewis, James M.; Owens, Robert A.; Sweeney, Richard F.; Wake, Ronald W.; and Rinehart, Robert E., 4,526,856, Cl. 430-191.000.

Rinehart, Thomas A.; Willson, Richard F.; and Halling, Vaughn W., to Minnesota Mining and Manufacturing Company. Optical recording medium of high sensitivity. 4,556,893, 12-3-85, Cl. 346-135.100.

Rinehart, William M.: *See—*
  Hoyt, Robert M.; Dziedzic, Edward; and Rinehart, William M., 4,561,231, Cl. 52-297.000.

Rinell, Steven J.: *See—*
  St. Vincent, Valerie A.; Heinen, Frank B.; and Rinell, Steven J., 4,520,805, Cl. 128-80.00R.

Riner, Victor: *See—*
  Kiwior, Denis; and Riner, Victor, 4,497,347, Cl. 139-449.000.

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Rines, Robert H.: *See—*
  Knowles, Albert H.; and Rines, Robert H., 4,509,459, Cl. 119-3.000.

Rinesch, Rudolf, to Voest-Alpine Aktiengesellschaft. Method of operating a metallurgical plant. 4,504,308, 3-12-85, Cl. 75-10.00R.

Ring Around Products, Inc.: *See—*
  Davis, William H., 4,545,146, Cl. 47-58.000.

Ring, Curtis P., to Deere & Company. Variable displacement pump system. 4,518,319, 5-21-85, Cl. 417-217.000.

Ring, Edward M. Intercostal tube. 4,548,602, 10-22-85, Cl. 604-280.000.

Ring, Gerard J. F.: *See—*
  Aberson, Gerard M.; and Ring, Gerard J. F., 4,548,847, Cl. 428-74.000.

Ring, John; French, David; Hickling, Michael; and Sturgess, Michael G., to International Paint Public Limited Company. Synthetic resins and coating compositions containing them. 4,508,765, 4-2-85, Cl. 427-386.000.

Ring, Michael: *See—*
  Brandon, Ralph E.; Davis, Charles J.; Ring, Michael; and Swenson, Roy S., 4,512,849, Cl. 162-157.200.

Ringdahl, Mark G.; Raymond, Lambert L.; and Scherer, Richard J., to Litton Systems, Inc. Interlock switch module for a microwave oven. 4,516,007, 5-7-85, Cl. 219-10.55D.

Ringe, Peter: *See—*
  Kohler, Peter; Ringe, Peter; and Heine, Heinrich, 4,529,448, Cl. 106-288.00B.

Ringe, Thomas, to Mine Roof Support Systems, Inc. Lateral force system and support for supporting mine roofs. 4,523,881, 6-18-85, Cl. 405-259.000.

Ringel, Gerhard; and Fencsik, Gabor, to MDS Qantel, Inc. Multiprocessor system with communication controller using poll flags for non-contentious slot reservation. 4,536,838, 8-20-85, Cl. 364-200.000.

Ringel, Helmut; Zimmer, Erich; and Abdelmonem, Nabil, to Kernforschungsanlage Julich GmbH. Apparatus for producing ion exchange particles charged with uranyl ions. 4,514,296, 4-30-85, Cl. 210-96.100.

Ringel, Helmut, to Kernforschungsanlage Julich GmbH. Process for the separation and recycling of NO_x gas constituents through adsorption and desorption on a molecular sieve. 4,533,365, 8-6-85, Cl. 55-28.000.

Ringel, Helmut, to Kernforschungsanlage Julich GmbH. Process for the separation of krypton from a radioactive waste gas mixture and arrangement for implementing the process. 4,562,000, 12-31-85, Cl. 252-630.000.

Ringer, Billy R., Sr., to Crestmont Corporation. Computer paper loading-and-unloading device. 4,530,689, 7-23-85, Cl. 493-410.000.

Ringer, Karl. Container-handling system with rail/rail and road/rail transfer. 4,522,546, 6-11-85, Cl. 414-343.000.

Ringle, Eric P.: *See—*
  Jandrasi, Frank J.; and Ringle, Eric P., 4,531,539, Cl. 137-375.000.

Ringle, Richard P.: *See—*
  Connolly, John D., Jr.; Gallivan, Timothy J.; and Ringle, Richard P., 4,522,769, Cl. 264-0.500.

Ringleib, Colin J.: *See—*
  Szerenyi, Peter; and Ringleib, Colin J., 4,517,135, Cl. 261-104.000.

Ringold, Howard J.: *See—*
  Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., 4,512,990, Cl. 514-225.000.
  Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., 4,536,503, Cl. 514-255.000.

Ringot, Gabriel: *See—*
  Beauducel, Claude; Cretin, Jacques; Ausset, Alain; and Ringot, Gabriel, 4,503,526, Cl. 367-20.000.

Ringspann Albrecht Maurer K.G.: *See—*
  Giese, Emil; Maurer, Ruprecht; and Hagen, Max, 4,522,289, Cl. 192-41.00A.
  Hagen, Max; and Sebulke, Johannes, 4,546,864, Cl. 192-41.00A.
  Maurer, Ruprecht, 4,548,316, Cl. 198-835.000.

Ringwall, Carl G.: *See—*
  Case, Allen W., Jr.; Ringwall, Carl G.; and Pollick, Michael L., 4,542,279, Cl. 219-124.340.

Riniker, Hans; and Killer, Walter, to Walter Killer. Comminution and mixing apparatus. 4,506,838, 3-26-85, Cl. 241-98.000.

Rink, Helm A.: *See—*
  Press, Irving D.; Nickerson, Harvey R.; and Rink, Helm A., 4,537,425, Cl. 285-55.000.

Rink, Karl-Heinz: *See—*
  Merk, Wolfgang; and Rink, Karl-Heinz, 4,501,668, Cl. 210-749.000.

Rink, Norbert: *See—*
  Muschelknautz, Edgar; and Rink, Norbert, 4,494,970, Cl. 65-9.000.
  Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,533,376, Cl. 65-5.000.
  Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,539,029, Cl. 65-5.000.
  Muschelknautz, Edgar; Rink, Norbert; and Chalupka, Georg, 4,553,996, Cl. 65-4.400.

Rink, Richard H., to Huron Manufacturing Corporation. Cutting tooth for strip mining apparatus. 4,536,037, 8-20-85, Cl. 299-92.000.

Rinke, Bernard: *See—*
  Valentine, Al L.; Rinke, Bernard; and Wenzel, Chester M., 4,507,045, Cl. 414-753.000.

Rinker, Debra Kay: *See—*
  Brown, James E., 4,551,942, Cl. 47-14.000.

Rinker, Larry C., to Burroughs Corporation. Mounting assembly for rotatable electrical connector. 4,527,847, 7-9-85, Cl. 339-5.00R.

Rinkewich, Isaac. Area pattern controlled sprinkler. 4,534,510, 8-13-85, Cl. 239-97.000.

Rinkewich, Isaac. Double-wall container. 4,549,672, 10-29-85, Cl. 220-441.000.

Rinkewich, Isaac. Cyclically-operable valve particularly for irrigation. 4,558,719, 12-17-85, Cl. 137-624.140.

Rinn, Christian; and Vezain, Gerard, to Societe Nationale Industrielle et Aerospatiale. Multiple locking device insensitive to thermal variations especially applicable to space vehicles. 4,491,289, 1-1-85, Cl. 244-158.00R.

Rinn, Christian; Marello, Georges; and Vezain, Gerard, to Societe Nationale Industrielle et Aerospatiale. Device for derivation of temporary force for maintaining a displayable appendix in its stored position on a space vehicle. 4,529,154, 7-16-85, Cl. 244-158.00R.

Rinnai Corporation: *See—*
  Itoh, Jiro, 4,508,502, Cl. 431-328.000.
  Sakakibara, Kuniyoshi, 4,543,056, Cl. 431-76.000.

- Rinnai Kabushiki Kaisha: *See—*
  - Mizuno, Sueo; Mizutani, Katsushi; and Koumura, Masahiko, 4,505,253, Cl. 126-351.000.
- Rinno, Helmut: *See—*
  - Ehmann, Werner; Homanner, Alfons; and Rinno, Helmut, 4,544,689, Cl. 524-52.000.
  - Reinecke, Rolf; Rinno, Helmut; and Schultz, Gerhart, 4,558,092, Cl. 524-817.000.
  - Zimmerschied, Klaus; and Rinno, Helmut, 4,492,780, Cl. 524-45.000.
- Rio Linda Chemical Co., Inc.: *See—*
  - English, Donald C.; and Hicks, Bruce W., 4,538,545, Cl. 118-679.000.
  - Mason, John Y.; and Hicks, Bruce W., 4,547,381, Cl. 426-316.000.
- Riollet, Gilbert; and Bessay, Raymond, to Alsthom-Atlantique. Valve for adjusting the rate of flow of a gaseous fluid. 4,500,070, 2-19-85, Cl. 251-282.000.
- Riollet, Gilbert: *See—*
  - Bessay, Raymond; and Riollet, Gilbert, 4,500,256, Cl. 415-191.000.
- Riom Laboratoires - Cerm S.A.: *See—*
  - Caignard, Daniel H.; Lespagnol, Charles; Lesieur, Daniel; and Busch, Norbert, 4,558,060, Cl. 514-375.000.
  - Combourieu, Michel; Simond, Jacques A. L.; and Monteil, Andre J., 4,555,514, Cl. 514-343.000.
- Rion, Jacky, to Commissariat a l'Energie Atomique. Device for regulating the flow of a fluid. 4,505,877, 3-19-85, Cl. 376-352.000.
- Rion Kabushiki Kaisha: *See—*
  - Hori, Kiyoharu, 4,519,399, Cl. 128-724.000.
- Rionda, Carlos S.; and Palacio, Joaquin J., to Gang-Nail Systems, Inc. Seat plate protecting structural members. 4,546,579, 10-15-85, Cl. 52-92.000.
- Rionda, Carlos S.; and Palacio, Joaquin J., to Gang-Nail Systems, Inc. Truss assembly and connector for use with trusses. 4,555,887, 12-3-85, Cl. 52-712.000.
- Rionda, Carlos S.; and Palacio, Joaquin J., to Gang-Nail Systems, Inc. Truss assembly and truss hanger and connector hanger for use with trusses. 4,561,230, 12-31-85, Cl. 52-289.000.
- Riordan, Edward D.: *See—*
  - Szantho, Charles F.; and Riordan, Edward D., 4,504,724, Cl. 219-86.250.
  - Szantho, Charles F.; and Riordan, Edward D., 4,510,370, Cl. 219-86.250.
- Riordan, James F. Soldering iron with solder dispensing device. 4,507,545, 3-26-85, Cl. 219-230.000.
- Riordan, William J.: *See—*
  - Walter, Cari W.; and Riordan, William J., 4,521,180, Cl. 431-25.000.
- Rios, Jose. Method of treating vasomotor disorders. 4,542,026, 9-17-85, Cl. 514-345.000.
- Rios, Victor; and Wolf, Henry W., to Pivot Metal Works, Inc. Self-locking, self-aligning stepped spring hinge pin. 4,524,486, 6-25-85, Cl. 16-381.000.
- Riou, Armand: *See—*
  - Clapp, Craig S. K.; Shilston, Norman L.; Jolivet, Jean-Claude R.; Devimeux, Daniel P.; and Riou, Armand, 4,562,466, Cl. 358-133.000.
- Riou, Claude R.; and Fayard, Jean F., to Societe Anonyme: Aussedat-Rey. Thermographic recording compositions. 4,536,219, 8-20-85, Cl. 106-21.000.
- Riou, Jean: *See—*
  - Bouadma, Noureddine; Bouley, Jean-Claude; and Riou, Jean, 4,547,956, Cl. 29-569.00L.
- Ripani, Sergio, to Carle & Montanari S.p.A. Device for controlling and monitoring the thickness of a chocolate film delivered by chocolate refiners. 4,519,304, 5-28-85, Cl. 99-489.000.
- Ripberger, Emil; and Stuska, Gotthard, to Mahle GmbH. Piston assembly for internal combustion engines. 4,534,274, 8-13-85, Cl. 92-187.000.
- Ripka, Josef: *See—*
  - Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.
- Ripkens, Gerd; Schittek, Hans; and Buschfeld, Adolf, to Deutsche Texaco Aktiengesellschaft. Process for the manufacture of multi-layer particle board using a phenol formaldehyde resin having a lower solids content. 4,525,227, 6-25-85, Cl. 156-62.200.
- Ripley, Bernice D.: *See—*
  - Ripley, John F.; and Ripley, Bernice D., 4,547,839, Cl. 362-216.000.
  - Ripley, John F.; and Ripley, Bernice D., 4,549,252, Cl. 362-216.000.
- Ripley, Donald E.: *See—*
  - Martin, John F.; and Ripley, Donald E., 4,548,115, Cl. 83-409.000.
- Ripley, John F.; and Ripley, Bernice D. Outdoor lighting fixture. 4,547,839, 10-15-85, Cl. 362-216.000.
- Ripley, John F.; and Ripley, Bernice D. Outdoor lighting fixture. 4,549,252, 10-22-85, Cl. 362-216.000.
- Rippel, Harry C.: *See—*
  - Stahl, Philip; Fuller, Dudley D.; and Rippel, Harry C., 4,526,484, Cl. 384-133.000.
- Ripper, Wolfgang: *See—*
  - Eckert, Konrad; Ripper, Wolfgang; and Wessel, Wolf, 4,531,499, Cl. 123-571.000.
- Rippere, Ralph E. Consolidation of wires by chemical deposition and products resulting therefrom. 4,518,661, 5-21-85, Cl. 428-598.000.
- Rippstein, Robert P.: *See—*
  - Boehm, Russell W.; Rippstein, Robert P.; and Stone, David R., 4,515,544, Cl. 425-129.00R.
- Riquart, Christian; Volan, Gerard; and Pressaco, Pierre, to Societe Anonyme D.B.A. Drum brake with controlled torque and torque control valve for such a brake. 4,503,954, 3-12-85, Cl. 188-331.000.
- Riquin, Didier, to Lasag AG. Contact lens for the observation and treatment of a point in the eye. 4,502,764, 3-5-85, Cl. 351-160.00R.
- RIS Irrigation Systems: *See—*
  - Costa, Robert B., 4,522,339, Cl. 239-272.000.
  - Langa, John M., 4,541,569, Cl. 239-450.000.
- RIS Irrigation Systems Pty. Ltd.: *See—*
  - Tucker, Alfred D., 4,498,628, Cl. 239-381.000.
  - Tucker, Alfred D., 4,533,083, Cl. 239-542.000.
- Risberg, Eilif: *See—*
  - Bergersen, Hans A.; and Risberg, Eilif, 4,501,956, Cl. 219-553.000.
- Risch, Joel V. Backhoe clamping device. 4,519,739, 5-28-85, Cl. 414-724.000.
- Risdon Enterprises, Inc.: *See—*
  - Sullivan, William E.; and Fore, Joseph M., 4,529,124, Cl. 239-56.000.
  - Sullivan, William E., 4,529,125, Cl. 239-56.000.
- Rise, William E., to Android Corporation. Humper conveyor. 4,496,042, 1-29-85, Cl. 198-774.000.
- Riseberg, Leslie A., to GTE Automatic Electric Laboratories Incorporated. Candoluminescent electric light source. 4,539,505, 9-3-85, Cl. 313-315.000.
- Riseberg, Leslie A.: *See—*
  - Proud, Joseph M.; Riseberg, Leslie A.; Byszewski, Wojciech W.; and Budinger, A. Bowman, 4,516,057. Cl. 315-260.000.
  - Proud, Joseph M.; Budinger, A. Bowman; Riseberg, Leslie A.; and Byszewski, Wojciech W., 4,518,897, Cl. 315-260.000.
- Riseman, Jacob, to International Business Machines Corporation. Method of making integrated circuits using metal silicide contacts. 4,521,952, 6-11-85, Cl. 29-590.000.
- Riseman, Jacob: *See—*
  - Anantha, Narasipur G.; Riseman, Jacob; and Tsang, Paul J., 4,546,536, Cl. 29-571.000.
  - Bhatia, Harsaran S.; Bhatia, Satyapal S.; Riseman, Jacob; and Valsamakis, Emmanuel A., 4,507,171, Cl. 156-643.000.
  - Chu, Wei-Kan; Pliskin, William A.; and Riseman, Jacob, 4,544,576, Cl. 427-82.000.
  - Ogura, Seiki; Riseman, Jacob; Rovedo, Nivo; and Shepard, Joseph F., 4,551,906, Cl. 29-571.000.
  - Pliskin, William A.; and Riseman, Jacob, 4,492,717, Cl. 427-96.000.
  - Pliskin, William A.; Riseman, Jacob; and Shepard, Joseph F., 4,506,435, Cl. 29-576.00W.
- Rish, Fred D., to Ales, Henry. Ratchet puller for nails and staples. 4,531,716, 7-30-85, Cl. 254-21.000.
- Rishovd, Erik; and Sorensen, Sven, to A/S Westad Armaturfabrik. Arrangement on a butterfly valve. 4,513,765, 4-30-85, Cl. 137-72.000.
- Risi, Alfred. Torsion coiler. 4,510,782, 4-16-85, Cl. 72-142.000.
- Rising, Donald B.; and Naegeli, Richard G., Jr., to Millipore Corporation. I.V. filter apparatus. 4,525,182, 6-25-85, Cl. 55-159.000.
- Riskin, Bernard N., to R L Associates. Method and means for collecting highway tolls. 4,555,618, 11-26-85, Cl. 235-384.000.
- Risko, Frank D.; and Lewis, Thomas D., to Ex-Cell-O Corporation. Electronic program control. 4,548,244, 10-22-85, Cl. 141-156.000.
- Risley, John R., to International Harvester Company. Tractor-trailor brake acceleration system. 4,552,398, 11-12-85, Cl. 303-7.000.
- Risley, William B.: *See—*
  - Evel, Eddie A.; Landgraf, Robert M.; Fischer, Walter A.; and Risley, William B., 4,529,930, Cl. 324-77.00A.
- Risner, Melvin G., to REB Manufacturing, Inc. Automatic handrail for platform lift. 4,551,056, 11-5-85, Cl. 414-539.000.
- Riso Kagaku Corporation: *See—*
  - Hasegawa, Takanori; and Shimada, Takanobu, 4,505,199, Cl. 101-127.100.
  - Hasegawa, Takanori, 4,528,906, Cl. 101-127.100.
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  - Langdon, Glen G., Jr.; and Rissanen, Jorma J., 4,494,108, Cl. 340-347.0DD.
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  - Luther, Gunter; Loebel, Peter; Risse, Gerhard; and Leiser, Volker, 4,510,932, Cl. 128-204.290.
- Risse, Jean-Claude: *See—*
  - Moulin, Michel; and Risse, Jean-Claude, 4,553,825, Cl. 354-5.000.
- Risse, Wilhelm: *See—*
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  - Martin, Eugene G.; and Risser, Dale M., 4,527,305, Cl. 17-11.300.
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  - Kennedy, Robert J., Jr.; Smith, Kendall S., II; and Brown, Gregory N., 4,542,822, Cl. 206-45.330.
- Ristow, Delano H. Waterproof roof. 4,519,172, 5-28-85, Cl. 52-96.000.

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  - Ritchie, William B., Jr.; and Ritchie, Marguerite M., 4,506,396, Cl. 5-431.000.
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  - Hahn, Norbert, 4,560,315, Cl. 414-401.000.
  - Swessel, Michael A.; and Hahn, Norbert, 4,531,248, Cl. 14-71.300.
- Ritke, Harold A.; and Ritke, Randal G. Chlorine injector for treatment of effluent. 4,512,887, 4-23-85, Cl. 210-220.000.
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- Rittal-Werk Rudolf Loh GmbH & Co.: *See—*
  - Erlam, David P., 4,505,392, Cl. 211-26.000.
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  - Laudt, Jurgen, 4,550,852, Cl. 220-327.000.
  - Wagener, Hans, 4,538,879, Cl. 339-22.00B.
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- Ritter, Catharine A., to Westinghouse Electric Corp. Method of making a transducer assembly. 4,530,138, 7-23-85, Cl. 29-25.350.
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  - Ritter, Klaus; Ritter, Gerhard; Schmidt, Gerhard; and Ritter, Josef, 4,526,025, Cl. 72-388.000.
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- Ritter, Gladys M., executrix: *See—*
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- Ritter, Hans-Joachim: *See—*
  - Hojer, Anke; Bockmann, Jurgen; Hofmann, Harald; Mikuteit, Axel; Ritter, Hans-Joachim; and Tenhagen, Rolf, 4,548,325, Cl. 211-69.500.
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  - Preuss, Reinhard; Perrey, Hermann; Ritter, Helmut; Reinecke, Paul; and Brandes, Wilhelm, 4,535,074, Cl. 514-93.000.
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- Ritter, Joachim A.; Bock, Edward C.; Spinelli, Richard A.; and Dennis, John R., to Xerox Corporation. Imaging system for producing reduced or enlarged images of an original document. 4,537,499, 8-27-85, Cl. 355-58.000.
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- Ritter, Robert A., to Alberta Oil Sands Technology and Research Authority. Electrophoretic process for separating aqueous mineral suspensions. 4,501,648, 2-26-85, Cl. 204-149.000.
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- Rittinge, Christer. Base plate system. 4,528,787, 7-16-85, Cl. 52-169.500.
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- Rittmann, Friedrich: *See—*
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- Ritvanen, Tapio: *See—*
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  - Beyer, Henry R.; DeSipio, Richard G.; Long, Thomas F.; and Ritz, Joseph, 4,500,885, Cl. 343-456.000.
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- Ritzel, Harald: *See—*
  - Hitzel, Volker; Weyer, Rudi; Geisen, Karl; and Ritzel, Harald, 4,542,127, Cl. 514-161.000.
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  - Ward, William J., III; Ritzer, Alan; Carroll, Kenneth M.; and Flock, John W., 4,500,724, Cl. 556-472.000.
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- Rius, Jean M.: *See—*
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  - Ferrero, Daniele, 4,530,320, Cl. 123-90.560.
- Riva Calzoni S.p.A.: *See—*
  - Ortelli, Aurelio, 4,548,124, Cl. 92-12.100.
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- Rivallin, Jose: *See—*
  - Boy-Marcotte, Jean-Louis M. R.; Dahan, Gilbert M. I.; Dancette, Michel; Le Nabour, Marcel P.; Pellerin, Jean-Francois G. A.; Rivallin, Jose; and Jannot, Marcel A. J., 4,511,805, Cl. 290-2.000.
- Rivara, Sarah B. S.: *See—*
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- Rivera, Glenn. Lock for cycles. 4,549,417, 10-29-85, Cl. 70-18.000.
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  - Doyle, Richard C.; and Rivera, Lester, 4,518,945, Cl. 340-310.00A.
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- Rivereau, Alain: *See—*
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- Rivers, John; Kramer, Charles D.; and Cox, Robert L., to Weyerhaeuser Company. Suspension firing of hog fuel, other biomass or peat. 4,532,873, 8-6-85, Cl. 110-347.000.
- Rivers, Joseph T.: *See—*
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- Rivers, Mark L.: *See—*
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- Riverside Research Institute: *See—*
  - Lizzi, Frederic L.; Elbaum, Marek; and Feleppa, Ernest J., 4,561,019, Cl. 358-112.000.
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- Rivetti, Franco: *See—*
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- Riviana Foods Inc.: *See—*
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- Rivier, Jean E. F.; and Vale, Wylie W., Jr., to Salk Institute for Biological Studies, The. GRF analogs III. 4,518,586, 5-21-85, Cl. 514-12.000.
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- RM Industrial Products Company, Inc.: *See—*
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- Robbins, William B.; Willson, Richard F.; and Freese, Robert P., to Minnesota Mining and Manufacturing Company. Optical recording medium. 4,539,572, 9-3-85, Cl. 346-135.100.
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Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, 4,516,729, Cl. 239-453.000.
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Gansert, Willi; Hussmann, Dieter; and Jakob, Gert, 4,531,796, Cl. 339-60.00M.
Gantenbrink, Karl; Knoll, Peter; and Rapps, Peter, 4,552,437, Cl. 350-339.00R.
Gassler, Hermann; Joos, Eugen; Jundt, Werner; Kubach, Hans; and Singer, Erich, 4,491,113, Cl. 123-490.000.
Gassler, Hermann; Joos, Eugen; Kubach, Hans; Maisch, Wolfgang; and Singer, Erich, 4,501,247, Cl. 123-453.000.
Gassler, Hermann; and Kosak, Wolfgang, 4,513,712, Cl. 123-339.000.
Gast, Theodor; Binder, Kurt; and Honig, Gunter, 4,493,215, Cl. 73-861.180.
Gast, Theodor; Kubach, Hans; and Binder, Kurt, 4,512,549, Cl. 251-137.000.
Gehrmann, Rainer, 4,547,711, Cl. 315-408.000.
Gerber, Hans; Hidveghy, Ivan; Schaal, Gunter; Sturmer, Marian; Vogel, Eberhard; and Wessel, Claude, 4,503,425, Cl. 340-680.000.
Gerber, Richard; and Trautwein, Dieter, 4,562,317, Cl. 200-19.0DR.
Gloss, Erwin; Lotterbach, Gerhard; Perenthaler, Egbert; Schenk, Manfred; Van Woudenberg, Jan F.; and Zucker, Udo, 4,556,036, Cl. 123-491.000.
Gmelin, Karl; Kubach, Hans; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schelhas, Peter, 4,545,353, Cl. 123-454.000.
Gneiss, Heinz; and Wunsch, Werner, 4,538,456, Cl. 73-204.000.
Gneiss, Heinz; and Sumal, Jaihind S., 4,538,457, Cl. 73-204.000.
Gneiss, Heinz; Sumal, Jaihind S.; and Wunsch, Werner, 4,549,433, Cl. 73-204.000.
Grauel, Ingolf; Hofer, Gerald; Kulke, Gunter; and Stumpe, Werner, 4,496,192, Cl. 303-13.000.
Greiner, Max; and Konrath, Karl, 4,522,181, Cl. 123-502.000.
Grieshaber, Hermann; and Siebert, Hans-Joachim, 4,549,511, Cl. 123-263.000.
Grob, Ferdinand, 4,526,147, Cl. 123-440.000.
Gruner, Heiko, 4,498,337, Cl. 73-204.000.
Grunwald, Werner; Pfizenmaier, Heinz; de la Prieta, Claudio; Schmid, Kurt; and Schmidt, Ewald, 4,522,671, Cl. 156-235.000.
Grunwald, Werner, 4,527,427, Cl. 73-204.000.
Guntert, Josef; Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,150, Cl. 123-447.000.
Gunther, Klaus; Hornung, Friedrich; Paule, Kurt; and Schadlich, Fritz, 4,493,377, Cl. 173-170.000.
Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,149, Cl. 123-447.000.
Hafner, Udo; Hans, Waldemar; Krauss, Rudolf; and Sauer, Rudolf, 4,502,632, Cl. 239-125.000.
Hafner, Udo; Krauss, Rudolf; and Langer, Werner, 4,527,744, Cl. 239-585.000.
Hagenlocher, Walter; Rapp, Lutz; Eschen, Werner; Ragaly, Istvan; Scharpf, Heinz; Streller, Jorg; Weigand, Johann; and Winkler, Klaus, 4,540,907, Cl. 310-68.00D.
Haubner, Georg; and Schmid, Hans-Dieter, 4,515,118, Cl. 123-149.00C.
Hausdorfer, Michael; and Hess, Heinz, 4,496,966, Cl. 358-22.000.
Heinemann, Wolfgang; Noack, Rainer; and Weyl, Helmut, 4,524,038, Cl. 264-61.000.
Heinrich, Wulf-Dieter; and Otte, Henning, 4,517,506, Cl. 318-807.000.
Heinz, Jutta; Sautter, Helmut; Schink, Rainer; and Weber, Lothar, 4,561,729, Cl. 350-357.000.
Heinz, Richard, 4,497,005, Cl. 360-109.000.
Heinz, Richard; and Kutzner, Reinhard, 4,525,840, Cl. 371-47.000.
Heiser, Joachim; and Wilke, Gerhard, 4,496,289, Cl. 417-217.000.
Heitmann, Jurgen, 4,491,869, Cl. 358-141.000.
Heitmann, Jurgen, 4,496,974, Cl. 358-140.000.
Heitmann, Jurgen, 4,513,328, Cl. 360-8.000.
Heitmann, Jurgen, 4,534,037, Cl. 375-25.000.
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Hinke, Walter, 4,503,391, Cl. 324-208.000.
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Kaczynski, Bernhard, 4,502,326, Cl. 73-119.00A.
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Knoll, Peter; Rapps, Peter; and Ziegler, Wolfgang, 4,541,693, Cl. 350-339.00F.
Knorreck, Peter; Kuhne, Wolfgang; and Muller, Norbert, 4,498,499, Cl. 137-627.500.
Kochendorfer, Heinrich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, 4,542,678, Cl. 91-6.000.
Kosak, Wolfgang; Reischl, Rolf; and Pschera, Andreas, 4,541,389, Cl. 123-490.000.
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Kratt, Alfred; Peter, Cornelius; Ruppmann, Claus; and Schillinger, Rainer, 4,494,517, Cl. 123-585.000.
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Laufer, Helmut; Pfeifle, Helmut; and Straubel, Max, 4,535,742, Cl. 123-447.000.
Laufer, Helmut; and Wessel, Wolf, 4,548,184, Cl. 123-569.000.
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Leblanc, Jean, 4,501,246, Cl. 123-449.000.
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- Leiber, Heinz, 4,557,528, Cl. 303-92.000.
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- Leroy, Andre; and Flamme, Jean M., 4,556,372, Cl. 418-1.000.
- Linder, Ernst; Maurer, Helmut; Muller, Klaus; and Rieger, Franz, 4,496,455, Cl. 204-412.000.
- Linder, Ernst; Moser, Winfried; and Rieger, Franz, 4,499,867, Cl. 123-145.00A.
- Locher, Johannes; and Schaller, Dieter, 4,499,412, Cl. 318-592.000.
- Locher, Johannes; and Schmidt, Wolfgang, 4,520,419, Cl. 361-104.000.
- Lungu, Corneliu, 4,524,797, Cl. 137-343.000.
- Maier, Gernot; Tischler, Heinrich; Wohr, Rolf; and Schwarzhoff, Wolfgang, 4,545,632, Cl. 339-18.00R.
- Maisch, Wolfgang; Nusser, Hermann; Peters, Klaus-Jurgen; and Strohl, Willi, 4,530,329, Cl. 123-447.000.
- Maisch, Wolfgang, 4,549,515, Cl. 123-452.000.
- Mattes, Gerd, 4,501,478, Cl. 352-5.000.
- Michel, Hartmut; Gademann, Lothar; and Jesse, Erich, 4,539,492, Cl. 307-315.000.
- Moser, Theo; and Mader, Gotz, 4,501,307, Cl. 141-258.000.
- Muller, Alfred; Schaller, Dieter; and Schwab, Manfred, 4,501,170, Cl. 74-866.000.
- Muller, Alfred; and Schwab, Manfred, 4,501,171, Cl. 74-866.000.
- Neumann, Gerhard, 4,561,839, Cl. 431-6.000.
- Nitschke, Werner, 4,496,885, Cl. 318-122.000.
- Nolting, Peter; and Bleger, Claude, 4,516,106, Cl. 338-28.000.
- Nonnenmacher, Gerhard, 4,496,290, Cl. 417-220.000.
- Nonnenmacher, Gerhard, 4,518,322, Cl. 417-222.000.
- Nothdurft, Heinz, 4,541,789, Cl. 417-498.000.
- Odone, Giovanni, 4,533,226, Cl. 354-403.000.
- Ott, Rudi; and Reith, Heribert, 4,508,599, Cl. 204-10.000.
- Paschke, Werner, 4,548,361, Cl. 239-585.000.
- Pfluger, Gerhard, 4,517,482, Cl. 310-78.000.
- Pfluger, Gerhard, 4,546,280, Cl. 310-68.00D.
- Pischke, Jurgen; and Nonnenmann, Wolfgang, 4,525,783, Cl. 364-431.110.
- Poetsch, Dieter; Massmann, Volker; Becker, Werner; and Wagner, Horst, 4,513,324, Cl. 358-214.000.
- Poetsch, Dieter, 4,524,392, Cl. 358-214.000.
- Pollner, Rudolf, 4,519,784, Cl. 445-7.000.
- Ratzel, Rudiger; and Schneider, Erich, 4,547,718, Cl. 318-568.000.
- Reimers, Ulrich, 4,507,677, Cl. 358-50.000.
- Rembold, Helmut, 4,508,090, Cl. 123-564.000.
- Rembold, Helmut; and Ruoff, Manfred, 4,529,366, Cl. 418-136.000.
- Rembold, Helmut; and Ruoff, Manfred, 4,541,790, Cl. 418-137.000.
- Riesenberg, Klaus-Otto, 4,498,334, Cl. 73-113.000.
- Rijkeboer, Rudolf C., 4,503,831, Cl. 123-525.000.
- Rijkeboer, Rudolf C., 4,509,479, Cl. 123-525.000.
- Ritter, Ernst; Schwartz, Reinhard; and Warga, Johann, 4,543,045, Cl. 417-499.000.
- Romann, Peter; Sauer, Rudolf; and Steinrucken, Heinrich, 4,500,866, Cl. 338-126.000.
- Romes, Roman; Schilling, Wolfgang; and Werner, Jurgen, 4,510,474, Cl. 336-30.000.
- Roth, Rolf, 4,510,439, Cl. 324-73.0AT.
- Rothley, Manfred; Zabler, Erich; Neuffer, Kurt; and Reinhart, Karl-Franz, 4,506,217, Cl. 324-208.000.
- Ruhl, Karl; and Kemmner, Ulrich, 4,538,977, Cl. 418-150.000.
- Ruhle, Walter, 4,495,825, Cl. 74-7.00E.
- Sauer, Rudolf, 4,497,443, Cl. 239-533.300.
- Sautter, Helmut, 4,558,924, Cl. 350-357.000.
- Schaal, Gunter; and Schramm, Heribert, 4,509,731, Cl. 269-78.000.
- Schadlich, Fritz; Rieker, Werner; Thaler, Rainer; and Klingenstein, Klaus, 4,515,303, Cl. 227-131.000.
- Schmid, Wolfgang; Wanner, Karl; Falchle, Jorg; Bleicher, Manfred; and Muller, Frank, 4,537,264, Cl. 173-48.000.
- Schmidt, Lothar; and Goebel, Ulrich, 4,531,111, Cl. 338-195.000.
- Schnurle, Hans; Arnold, Herbert; and Horbelt, Michael, 4,502,447, Cl. 123-479.000.
- Schulz, Axel, 4,498,104, Cl. 358-160.000.
- Schulz, Axel; and Sochor, Josef, 4,524,396, Cl. 360-67.000.
- Schwarzhoff, Wolfgang, 4,518,215, Cl. 339-92.00R.
- Seifert, Kurt, 4,526,323, Cl. 239-453.000.
- Seifert, Kurt; and Hofmann, Karl, 4,531,676, Cl. 239-453.000.
- Sitter, Erhard, 4,520,774, Cl. 123-300.000.
- Sochor, Josef, 4,491,861, Cl. 358-13.000.
- Sochor, Josef, 4,547,816, Cl. 360-19.100.
- Stein, Helmut, 4,539,747, Cl. 29-846.000.
- Steinbrenner, Ulrich, 4,532,908, Cl. 123-493.000.
- Steinbrenner, Ulrich; and Gunther, Dieter, 4,541,390, Cl. 123-491.000.
- Steinmann, Helmut, 4,495,476, Cl. 331-111.000.
- Steinmann, Helmut, 4,508,021, Cl. 98-2.010.
- Steprath, Werner; and Weigle, Dieter, 4,513,826, Cl. 172-7.000.
- Straubel, Max, 4,505,242, Cl. 123-383.000.
- Straubel, Max; Eisele, Hermann; Leblanc, Jean; and Pigeroulet, Jean, 4,538,580, Cl. 123-494.000.
- Straubel, Max; and Zimmermann, Klaus-Dieter, 4,554,903, Cl. 123-575.000.
- Strohl, Willi; and Jauch, Gerhard, 4,559,968, Cl. 137-510.000.
- Stumpe, Werner, 4,557,527, Cl. 303-15.000.
- Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, 4,501,252, Cl. 123-502.000.
- Sumal, Jaihind S., 4,510,795, Cl. 73-118.000.
- Sumal, Jaihind S., 4,515,014, Cl. 73-202.000.
- Sumal, Jaihind S., 4,554,829, Cl. 73-204.000.
- Sumal, Jaihind S., 4,555,937, Cl. 73-118.000.
- Sumal, Jaihind S.; and Gneiss, Heinz, 4,561,302, Cl. 73-202.000.
- Tissot, Raymond, 4,498,442, Cl. 123-447.000.
- van Belzen, David; Honig, Gunter; Lotterbach, Gerhard; van Woudenberg, Jan-Faas; and Zucker, Udo, 4,534,331, Cl. 123-492.000.
- van Zanten, Anton, 4,492,108, Cl. 73-35.000.
- Weiss, Gunther; Worz, Paul; and Tomczak, Stanislaus, 4,509,033, Cl. 336-107.000.
- Wolff, Gunter, 4,492,544, Cl. 418-107.000.

Robert, Edgardo J., to Pennsylvania Engineering Corporation. Steel making method. 4,497,656, 2-5-85, Cl. 75-60.000.

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- Varley, Robert F., 4,518,048, Cl. 175-61.000.

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- Finke, Robert G., 4,520,938, Cl. 215-220.000.

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- Clerc, Jean F.; and Robert, Jacques, 4,509,828, Cl. 350-333.000.

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- Shiurila, John; and Robert, Kenneth A., 4,491,433, Cl. 400-471.100.

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- Agbay, Albert J.; and Thomas, Ralph H., Sr., 4,512,485, Cl. 215-225.000.
- Agbay, Albert J.; and Thomas, Ralph H., Sr., 4,519,514, Cl. 215-225.000.

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- Hancock, John C., 4,542,682, Cl. 99-277.100.
- Raines, David W., 4,505,941, Cl. 426-489.000.
- Wilkinson, Noel R., 4,542,683, Cl. 99-277.200.
- Wilkinson, Noel R., 4,544,281, Cl. 366-325.000.

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- Bosisio, Roberto, 4,539,945, Cl. 123-41.310.

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- Conrad, Frederick L.; Palmer, Louis R.; and Roberts, Arthur A., 4,496,245, Cl. 366-143.000.

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- Thorsheim, Howard I.; and Roberts, Bruce B., 4,537,576, Cl. 434-404.000.

Roberts, Charles C.; and Wright, Jeffrey R., to North American Philips Corporation. Housing for a bimetallic thermal switch. 4,504,814, 3-12-85, Cl. 337-112.000.

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Roberts, Charles D. Assembly for installation in chimney flues to direct stovepipe exhaust. 4,527,541, 7-9-85, Cl. 126-123.000.

Roberts, Charles G.; and Hall, Joseph E., to Texas Instruments Incorporated. Floating gate amplifier using conductive coupling for charge coupled devices. 4,538,287, 8-27-85, Cl. 377-60.000.

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- Nicholson, Timothy J. H.; Lee, Andrew L.; and Roberts, Clifford, 4,508,301, Cl. 248-250.000.

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- Litzie, Ken; and Roberts, Craig P., 4,540,399, Cl. 607-4.000.

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- Campbell, Simon F.; Jaxa-Chamiec, Albert A.; and Roberts, David A., 4,542,132, Cl. 514-222.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,496,390, Cl. 71-92.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,505,740, Cl. 71-92.000.
- Hatton, Leslie R.; Parnell, Edgar W.; and Roberts, David A., 4,541,963, Cl. 260-465.00E.

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- Sachs, Kerry M.; and Roberts, David W., 4,553,285, Cl. 110-223.000.

Roberts, Derek A., to Rolls-Royce Limited. Turbine overspeed limiter for turbomachines. 4,503,667, 3-12-85, Cl. 60-39.091.

Roberts, Derek H.; and Pepper, Michael, to General Electric Company, p.l.c., The. Data storage devices with vertical charge transfer. 4,559,549, 12-17-85, Cl. 357-24.000.

Roberts, Don M.; and Looper, David W., to Halliburton Company. Enclosure for electronic components. 4,500,944, 2-19-85, Cl. 361-384.000.

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- McClure, Scott G., 4,552,779, Cl. 427-2.000.

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- VanBreemen, Bertram; Wilson, William L.; Roberts, Duane L.; and Branton, Tom W., 4,556,913, Cl. 358-237.000.

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- Long, Ballard E., 4,539,923, Cl. 112-224.000.

Roberts, Ernest F. Propulsion unit for a water-borne vessel. 4,516,940, 5-14-85, Cl. 440-53.000.

Roberts, F. Alex, to Chevron Research Company. Submerged marine streamer locator. 4,555,779, 11-26-85, Cl. 367-19.000.

Roberts, Frank L., to Bio-Support Industries Limited. Backrest. 4,556,254, 12-3-85, Cl. 297-460.000.

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- Spiegel, Martin A.; and Roberts, Franklin D., 4,511,18[illegible], Cl. 301-37.00S.

- Roberts, Gary P.: *See—*
  - Foor, Forrest; and Roberts, Gary P., 4,508,826, Cl. 435-235.000.
- Roberts, George E.; and Waddington, Robert L., to Evelyn Investments Ltd. Clamp for hose, tubing, or the like. 4,557,024, 12-10-85, Cl. 24-20.0TT.
- Roberts, George W.; and Tao, John C., to International Coal Refining Company. Process for producing low-sulfur boiler fuel by hydrotreatment of solvent deashed SRC. 4,534,847, 8-13-85, Cl. 208-8.0LE.
- Roberts, Graham S.; Smith, David T.; and Woolsey, Brian J. Modular wall and ceiling system. 4,506,595, 3-26-85, Cl. 98-31.000.
- Roberts, Griffith T. Solar energy collector. 4,535,755, 8-20-85, Cl. 126-443.000.
- Roberts, Hardy G. Trailer safety device. 4,492,386, 1-8-85, Cl. 280-507.000.
- Roberts, Harold D. Denture support frame. 4,537,575, 8-27-85, Cl. 433-176.000.
- Roberts, Harold D. Denture support frame. 4,547,158, 10-15-85, Cl. 433-176.000.
- Roberts, Harold D. Tool for forming a recess for a dental implant. 4,553,939, 11-19-85, Cl. 433-144.000.
- Roberts, Harry H., to Champion International Corporation. Single slice pie carton with slanted openable rear wall and blank for forming same. 4,492,333, 1-8-85, Cl. 229-22.000.
- Roberts, Helen F.: *See—*
  - Guthrie, James L.; Roberts, Helen F.; and Lundsager, Christian B., 4,559,373, Cl. 523-220.000.
- Roberts, J. W.: *See—*
  - Powers, V. B.; Roberts, J. W.; and Dhaliwall, J. S., 4,529,836, Cl. 174-94.00R.
- Roberts, Jack; and Johnson, Robert L., to Rensselaer Polytechnic Institute. Low friction bearing surfaces and structures particularly for artificial prosthetic joints. 4,535,486, 8-20-85, Cl. 623-22.000.
- Roberts, Jack; and Johnson, Robert L., to Rensselaer Polytechnic Institute. Low friction bearing surfaces and structures particularly for artificial prosthetic joints. 4,547,910, 10-22-85, Cl. 623-18.000.
- Roberts, James E.: *See—*
  - Huerta, Jose L.; Rachui, Roy A.; Roberts, James E.; and Simpson, Grainger I., Jr., 4,511,135, Cl. 271-126.000.
- Roberts, James K., to Allied Corporation. Overtravel device for an automatic brake adjuster. 4,555,001, 11-26-85, Cl. 188-79.5GE.
- Roberts, James R., to A. O. Smith Harvestore Products, Inc. Pump position retainer apparatus. 4,511,257, 4-16-85, Cl. 366-262.000.
- Roberts, John E., to Watkins Johnson Company. Microwave circuit structure and method of mounting. 4,547,755, 10-15-85, Cl. 333-246.000.
- Roberts, John H.: *See—*
  - Fasano, Anthony; Roberts, John H.; and Motycka, David L., 4,534,216, Cl. 73-147.000.
- Roberts, John R., Jr.: *See—*
  - Angle, Lonnie L.; and Roberts, John R., Jr., 4,505,327, Cl. 165-48.00R.
- Roberts, John S., to Phillips Petroleum Company. Sulfide metathesis. 4,537,994, 8-27-85, Cl. 568-59.000.
- Roberts, John S.; and Waite, Frederick A., to Imperial Chemical Industries PLC. Modification of liquid hydrocarbons. 4,543,105, 9-24-85, Cl. 44-55.000.
- Roberts, John S.: *See—*
  - Mark, Harold W.; Bertus, Brent J.; Roberts, John S.; McKay, Dwight L.; and Fenska, Lyle E., 4,535,066, Cl. 502-62.000.
- Roberts, John T., to UOP Inc. Bis-(p-amino-heteroarylmethyl)anilines as antioxidants. 4,551,536, 11-5-85, Cl. 546-264.000.
- Roberts, John W.: *See—*
  - Green, Lorrence H.; and Roberts, John W., 4,554,248, Cl. 435-7.000.
- Roberts, Jon A.; and Hendrickson, Thomas E., to Honeywell Inc. Acoustic microphone. 4,495,385, 1-22-85, Cl. 179-111.00R.
- Roberts, Jon A.: *See—*
  - Brownell, David J.; and Roberts, Jon A., 4,515,668, Cl. 204-192.00D.
- Roberts, Joseph M., Sr. Portable all purpose electrical alarm. 4,506,257, 3-19-85, Cl. 340-521.000.
- Roberts, Joseph W., Sr. Self-flashing channeled skylight. 4,548,006, 10-22-85, Cl. 52-200.000.
- Roberts, Lewis L., to Mercury Development Corp. Slab-hanging system. 4,519,173, 5-28-85, Cl. 52-235.000.
- Roberts, Manuel E.; and Ketchum, Thomas W. Tree stand. 4,553,634, 11-19-85, Cl. 182-134.000.
- Roberts, Mark G.: *See—*
  - Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,503,658, Cl. 53-399.000.
  - Mouser, Curtis A.; Roberts, Mark G.; Haas, Daniel R.; and Lancaster, Patrick R., III, 4,514,955, Cl. 53-64.000.
- Roberts, Michael G.: *See—*
  - Lower, Loren D.; Marzocchi, Alfred; Ponn, Frederick H., III; and Roberts, Michael G., 4,507,365, Cl. 428-489.000.
  - Muncaster, John W.; Roberts, Michael G.; Rowlett, R. David; Hoitink, Todd B.; Uffner, William E.; and White, Robert N., 4,508,770, Cl. 428-63.000.
- Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., to Bion Corporation. Ultrasound visualization systems. 4,499,771, 2-19-85, Cl. 73-632.000.
- Roberts, Michael K.; Ottosen, Richard A.; and McConnell, Matthew L., to Bion Corporation. Ultrasound visualization systems. 4,507,968, 4-2-85, Cl. 73-626.000.
- Roberts, Patrick A. Multi-cube puzzle. 4,511,144, 4-16-85, Cl. 273-153.00S.
- Roberts, Paul N.: *See—*
  - Seymour, Stephen R.; Guy, Robert K.; and Roberts, Paul N., 4,505,150, Cl. 73-116.000.
- Roberts, Peter, to Thrush Incorporated. Exhaust extension pipe replacement kit. 4,537,280, 8-27-85, Cl. 181-243.000.
- Roberts, Richard D.; Franz, James H., Jr.; Hoffman, Lester J.; and Miller, Lalan G., to Westinghouse Electric Corp. Motor control chopper apparatus phase angle limiting. 4,516,059, 5-7-85, Cl. 318-301.000.
- Roberts, Richard W., to Borg-Warner Corporation. Method of manufacturing a die-cast wobble plate assembly. 4,505,016, 3-19-85, Cl. 29-156.50R.
- Roberts, Richard W., to Borg-Warner Corporation. Capacity control for rotary vane compressor. 4,505,653, 3-19-85, Cl. 418-23.000.
- Roberts, Richard W., to Borg-Warner Corporation. Controlled displacement supercharger. 4,506,648, 3-26-85, Cl. 123-564.000.
- Roberts, Richard W., to Borg-Warner Corporation. Capacity control of rotary vane apparatus. 4,516,919, 5-14-85, Cl. 418-23.000.
- Roberts, Richard W., to Borg-Warner Corporation. Variable displacement compressor. 4,543,043, 9-24-85, Cl. 417-222.000.
- Roberts, Richard W., to Borg-Warner Corporation. Method of manufacturing a die-cast wobble plate assembly. 4,548,254, 10-22-85, Cl. 164-112.000.
- Roberts, Royce G. Thread cleaning device. 4,530,127, 7-23-85, Cl. 15-104.040.
- Roberts, Simon. Tire repair patch. 4,540,035, 9-10-85, Cl. 152-367.000.
- Roberts, Thomas C. Process of using a flexible shaft motor coupling having interchangeable adaptors. 4,541,160, 9-17-85, Cl. 29-401.100.
- Roberts, Thomas G.; and Honeycutt, Thomas E., to United States of America, Army. Erectable large optic for outer space application. 4,512,639, 4-23-85, Cl. 350-418.000.
- Roberts, Thomas G., to United States of America, Army. Porous catalytic metal plate degeneration bed in a gas generator. 4,517,798, 5-21-85, Cl. 60-39.462.
- Roberts, Thomas G.; and Honeycutt, Thomas L., to United States of America, Army. Dual cavity laser gyro. 4,521,110, 6-4-85, Cl. 356-350.000.
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- Roberts, Thomas G.: *See—*
  - Haynes, Kenton L.; Sherer, William P.; Greene, Hugh W.; Holder, James D.; and Roberts, Thomas G., 4,514,684, Cl. 324-120.000.
- Roberts, Thomas P.; Howard, Albert R.; and Hutchison, James B., to Western Progress, Inc. Splicing module test set. 4,496,801, 1-29-85, Cl. 179-175.30R.
- Roberts, Todd N.: *See—*
  - Fiorina, Mark A.; and Roberts, Todd N., 4,499,764, Cl. 73-253.000.
- Roberts, Victor C.: *See—*
  - Sainz, Antonio J.; and Roberts, Victor C., 4,540,946, Cl. 328-167.000.
- Roberts, Victor D., to General Electric Company. Resistive lamp ballast with re-ignition circuit. 4,536,680, 8-20-85, Cl. 315-49.000.
- Roberts, Wayne L., to Combustion Engineering, Inc. Method for fabricating a support for a bubble cap on the end of its riser tube. 4,539,164, 9-3-85, Cl. 261-114.00A.
- Roberts, Winston J., to Du Pont de Nemours, E. I., and Company. Polyamide fiber. 4,540,746, 9-10-85, Cl. 525-408.000.
- Robertshaw Controls Company: *See—*
  - Frankenberg, Alfred A.; and Scott, Douglas R., 4,505,106, Cl. 60-286.000.
  - Geary, Frederick J., 4,535,380, Cl. 361-256.000.
  - Gunter, James C., 4,531,279, Cl. 29-509.000.
  - Kelly, Samuel T., 4,549,571, Cl. 137-489.500.
  - Kimmel, Steven A., 4,533,973, Cl. 361-253.000.
  - Manecke, Siegfried E., 4,491,680, Cl. 136-230.000.
  - McIntosh, Harold A., 4,554,616, Cl. 361-424.000.
  - Ochsner, Rolf H., 4,520,245, Cl. 200-82.00R.
  - Riehl, Fred, 4,541,797, Cl. 431-264.000.
  - Sepso, Roger P., 4,530,216, Cl. 62-89.000.
  - Wagner, Joseph P.; and Sliger, Boyd P., 4,548,354, Cl. 236-345.000.
- Robertson, Allan J., to American Cyanamid Company. Process for synthesizing diorganomonothiophosphinates. 4,555,368, 11-26-85, Cl. 260-502.40R.
- Robertson, Allan J.: *See—*
  - Savides, Christos; and Robertson, Allan J., 4,537,993, Cl. 568-14.000.
- Robertson, Arthur B., to Mobil Oil Corporation. Shaped articles from poly (p-methylstyrene) blends. 4,525,395, 6-25-85, Cl. 428-35.000.
- Robertson, Baldwin: *See—*
  - Potzick, James E.; and Robertson, Baldwin, 4,520,320, Cl. 328-133.000.
- Robertson, Carl L. Waterbed mattress cover. 4,494,262, 1-22-85, Cl. 5-451.000.
- Robertson, David W., to Eli Lilly and Company. Certain naphthalenyl imidazo compounds and their pharmaceutical use. 4,515,796, 5-7-85, Cl. 514-303.000.
- Robertson, David W., to Eli Lilly and Company. Anti-convulsant fluorenylalkylimidazole derivatives, compositions, and method of use. 4,533,670, 8-6-85, Cl. 514-399.000.
- Robertson, David W., to Eli Lilly and Company. Inotropic agents. 4,533,734, 8-6-85, Cl. 514-303.000.
- Robertson, George H.; Price, David; and Birrell, Raymond N., to Ciba-Geigy Corporation. Organic pigment compositions containing an azo compound with a heterocyclic substituent. 4,491,481, 1-1-85, Cl. 106-288.00Q.

- Robertson, George H.; and Pavlath, Attila E., to United States of America, Agriculture. Dehydration of ethanol. 4,556,460, 12-3-85, Cl. 203-19.000.
- Robertson, Gerald F.; and Pozniak, Donald J., to General Motors Corporation. Exhaust gas operated vacuum pump assembly. 4,502,848, 3-5-85, Cl. 417-380.000.
- Robertson, Gerald F.: *See—*
  - Pozniak, Donald J.; Robertson, Gerald F.; and McClain, Michael J., 4,502,847, Cl. 417-380.000.
- Robertson, James D. Twist-cam refrigerant dispensing valve. 4,535,802, 8-20-85, Cl. 137-322.000.
- Robertson, James P.: *See—*
  - Day, Gary L.; and Robertson, James P., 4,513,123, Cl. 525-332.600.
- Robertson, John A., to Telesis Controls Corporation. Program controlled pin matrix embossing apparatus. 4,506,999, 3-26-85, Cl. 400-121.000.
- Robertson, John A., to Burroughs Corporation. Printed circuit board edge connectors. 4,548,456, 10-22-85, Cl. 339-75.0MP.
- Robertson, John R., to ICI Americas Inc. Stable dispersions of polyisocyanates containing polysiloxane mold release agents. 4,498,929, 2-12-85, Cl. 106-38.200.
- Robertson, John R., to ICI Americas Inc. Polyamines and polyols containing a polysiloxane internal mold release agent for use in preparing polyurethane and polyurea resins. 4,504,313, 3-12-85, Cl. 106-38.200.
- Robertson, John R., to ICI Americas Inc. Paper products sized with polyisocyanate blends. 4,505,778, 3-19-85, Cl. 162-135.000.
- Robertson, John R., to ICI Americas Inc. Process for forming mold releasable polyurethane, polyurea and polyureaurethane resins using isocyanate reactive polysiloxanes as internal mold release agents. 4,546,154, 10-8-85, Cl. 525-474.000.
- Robertson, Michael A.: *See—*
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- Robertson, Michael L., to B. B. Robertson Company. Compact barbecue oven. 4,510,854, 4-16-85, Cl. 99-337.000.
- Robertson, Robert B.: *See—*
  - Horner, David J.; Robertson, Robert B.; and Searle, Kenneth G., 4,529,009, Cl. 138-111.000.
- Robertson, S. Harry. Hazardous fluid tank with check valve. 4,501,374, 2-26-85, Cl. 220-86.00R.
- Robertson, Simon A.: *See—*
  - Thornton, Ian; DeWitt, Kenneth W.; and Robertson, Simon A., 4,517,209, Cl. 426-383.000.
- Robertson, Wilbert J.: *See—*
  - Davis, Robert E.; and Robertson, Wilbert J., 4,557,913, Cl. 423-279.000.
- Robeson, Lloyd M.; Harris, James E.; and Maresca, Louis M., to Union Carbide Corporation. Aromatic polyformal blends. 4,497,924, 2-5-85, Cl. 524-151.000.
- Robeson, Lloyd M.; and Lynn, John W., to Union Carbide Corporation. Laminate compositions with polyarylate and poly(aryl ether). 4,503,121, 3-5-85, Cl. 428-336.000.
- Robeson, Lloyd M., to Union Carbide Corporation. Poly(aryl ether) blends. 4,532,288, 7-30-85, Cl. 524-375.000.
- Robeson, Lloyd M.: *See—*
  - Harris, James E.; and Robeson, Lloyd M., 4,520,067, Cl. 428-323.000.
- Robey, Robert M.: *See—*
  - Gillett, James E.; Garner, Daniel C.; Wineman, Arthur L.; and Robey, Robert M., 4,517,927, Cl. 122-510.000.
- Robich, James M.: *See—*
  - Thomas, Samuel J.; Robich, James M.; and Hayes, Robert L., 4,523,141, Cl. 324-54.000.
- Robichaud, Arthur W.: *See—*
  - Dye, Richard G.; and Robichaud, Arthur W., 4,541,265, Cl. 72-349.000.
- Robillard, Daniel: *See—*
  - Van Uffelen, Jean-Pierre H.; Robillard, Daniel; and LeBourg, Michel, 4,546,326, Cl. 330-129.000.
- Robillard, David R.; Bullock, Robert J.; and Marino, Jerry C., to Prime Computer, Inc. Movable CRT pedestal. 4,561,619, 12-31-85, Cl. 248-285.000.
- Robilliard, Leonard T.; and Hewitt, Alan R. Framework connection means. 4,515,494, 5-7-85, Cl. 403-187.000.
- Robin, David J.: *See—*
  - Bauer, Martin W.; Thys, Carl J.; Fredriksen, Peter A.; Robin, David J.; and Schaar, Richard J., 4,562,595, Cl. 455-345.000.
- Robin, Jacques: *See—*
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- Robin, Jean, to Rhone-Poulenc Specialites Chimiques. Catalytic cyclotrimerization of polyisocyanates. 4,537,961, 8-27-85, Cl. 544-193.000.
- Robin, Seymour; and Klein, Yosef, to Sensor Systems, Inc. Blade antenna with shaped dielectric. 4,509,053, 4-2-85, Cl. 343-708.000.
- Robinair Division: *See—*
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  - Murray, Gary P., 4,540,353, Cl. 418-13.000.
- Robine, Alain: *See—*
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- Robins, Janis, to Minnesota Mining and Manufacturing Company. Epoxy resin curing agent, process and composition. 4,503,211, 3-5-85, Cl. 528-92.000.
- Robins, Janis: *See—*
  - Korbel, Gerald E.; Robins, Janis; and Rude, Harold E., 4,553,982, Cl. 51-298.000.
- Robins, Roland K.; and Srivastava, Prem C., to Brigham Young University. 2-β-D-ribofuranosylselenazole-4-carboxamide compounds. 4,531,001, 7-23-85, Cl. 536-55.000.
- Robins, Roland K.; and Revankar, Ganapathi R. Azole dinucleotide compounds and methods for their production. 4,544,741, 10-1-85, Cl. 536-27.000.
- Robinson, Alan A., to Agence Spatiale Europeenne. Position detection device for magnetic bearing. 4,562,430, 12-31-85, Cl. 340-870.370.
- Robinson, Alfred: *See—*
  - Kot, Vincent; Wallis, Bruce; and Robinson, Alfred, 4,549,755, Cl. 285-341.000.
- Robinson, Allan F.; and Hunter, Warwick A., to Napintas Pty. Ltd. Latch. 4,523,385, 6-18-85, Cl. 33-296.000.
- Robinson, C. Douglas, to U.S. Environmental Products, Inc. Methods of flocculating solids-bearing aqueous suspensions. 4,539,120, 9-3-85, Cl. 210-738.000.
- Robinson, Carl W., to International Business Machines Corporation. Electric motor mounting arrangement. 4,531,700, 7-30-85, Cl. 248-672.000.
- Robinson, Chris E., to Figgie International Inc. On-board flap opener. 4,522,014, 6-11-85, Cl. 53-382.000.
- Robinson, Chris E.: *See—*
  - McGill, Robert W.; and Robinson, Chris E., 4,534,157, Cl. 53-531.000.
- Robinson, Curtiss W., to Boeing Company, The. Drive mechanism for combined flap-aileron surface. 4,544,118, 10-1-85, Cl. 244-225.000.
- Robinson, Daniel E.: *See—*
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- Robinson, Daniel T., to Kempsmith Machine Company. Tuck assembly for a pocket file folder line. 4,557,715, 12-10-85, Cl. 493-244.000.
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  - Bennion, Colin; and Robinson, David, 4,499,269, Cl. 544-198.000.
- Robinson, David H.: *See—*
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- Robinson, Delmar W.; Johnson, Russell W.; and Moser, Mark D., to UOP Inc. Platinum and indium-containing catalyst for reforming hydrocarbons. 4,522,935, 6-11-85, Cl. 502-223.000.
- Robinson, Delmar W.; Johnson, Russell W.; and Moser, Mark D., to UOP Inc. Indium-containing catalyst for reforming hydrocarbons. 4,529,505, 7-16-85, Cl. 208-139.000.
- Robinson, Don M.: *See—*
  - Swenson, Robert E.; Sasscer, Lawrence D.; and Robinson, Don M., 4,523,275, Cl. 364-200.000.
- Robinson, Earl F.: *See—*
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- Robinson, Edward A.: *See—*
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- Robinson, Edward L., Jr.; and Stamp, Tom G., to International Harvester Company. Furrow forming apparatus for a seed planter. 4,493,274, 1-15-85, Cl. 111-88.000.
- Robinson, Edward L., Jr.: *See—*
  - Wunschl, Nicholas H.; and Robinson, Edward L., Jr., 4,519,525, Cl. 221-211.000.
- Robinson, Eric, to Rigoli, Robert. Device for feeding invalids. 4,522,543, 6-11-85, Cl. 414-9.000.
- Robinson, Forrest J. Doorknob security apparatus. 4,561,273, 12-31-85, Cl. 70-426.000.
- Robinson, Frank; and Betts, Max W., to Courtaulds PLC. Knitting machine. 4,506,525, 3-26-85, Cl. 66-109.000.
- Robinson, Frederick P. A.: *See—*
  - Kaljee, Jan; Lalor, Leo J.; Pagani, Sergio M.; and Robinson, Frederick P. A., 4,517,441, Cl. 219-146.230.
- Robinson, Gene C.: *See—*
  - McKinnie, Bonnie G.; and Robinson, Gene C., 4,537,724, Cl. 260-400.000.
- Robinson, Genevieve T. Bracket assembly for inverting gutter to dump accumulated debris. 4,561,616, 12-31-85, Cl. 248-48.200.
- Robinson, Geoffrey, to Prestige Group PLC, The. Pressure cooker relief valve assembly. 4,560,143, 12-24-85, Cl. 251-338.000.
- Robinson, Geoffrey C.: *See—*
  - Venable, Thomas L.; Robinson, Geoffrey C.; and Loeslein, Raymond D., 4,516,815, Cl. 339-14.00R.
- Robinson, Irwin J., III, to Intermark Industries, Inc. Display memory with write inhibit signal for transparent foreground pixel codes. 4,528,636, 7-9-85, Cl. 364-521.000.
- Robinson, Ivan M., to Indiana University Foundation. α,ω-Perfluorodicarboxylic acids. 4,503,206, 3-5-85, Cl. 526-255.000.
- Robinson, Jack: *See—*
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- Robinson, James E., to UHV Instruments Ltd. Vacuum sample introduction unit. 4,499,776, 2-19-85, Cl. 73-863.850.
- Robinson, James R., to Petrolite Corporation. Plural stage desalting-/dehydrating apparatus. 4,511,452, 4-16-85, Cl. 204-302.000.

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Robinson, John M.; and Rodgers, Gregory D., to Vitek Systems, Inc. β-Streptococcus selective medium. 4,532,206, 7-30-85, Cl. 435-36.000.
Robinson, John W.; and Kaganowicz, Grzegorz, to RCA Corporation. Glow discharge apparatus for use in coating a disc-shaped substrate. 4,512,284, 4-23-85, Cl. 118-723.000.
Robinson, Joseph B., to Qume Corporation. Self-centering disc. 4,536,867, 8-20-85, Cl. 369-282.000.
Robinson, Joseph G.; and Riemer, Pierce W. F., to Coal Industry (Patents) Limited. Conversion of methanol to toluene using amorphous silica-alumina catalysts. 4,511,749, 4-16-85, Cl. 585-469.000.
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Robinson, Paul R., to Commonwealth of Australia, The. Loop retention device for hook operated bomb arming solenoids. 4,520,711, 6-4-85, Cl. 89-1.50D.
Robinson, Paul R.; and Moorehead, Eric L., to Union Oil Company of California. Process for producing conjugated dienes. 4,555,584, 11-26-85, Cl. 585-623.000.
Robinson, Philip I. Tennis net tie down and height measurement device. 4,509,749, 4-9-85, Cl. 273-29.0BA.
Robinson, Philip I., to United States of America, Air Force. Solar rocket absorber. 4,528,978, 7-16-85, Cl. 126-438.000.
Robinson, Philip R., to Allegheny Ludlum Steel Corporation. Metering system for corrosive liquids and method therefor. 4,518,101, 5-21-85, Cl. 222-1.000.
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Szakasits, Julius J.; and Robinson, Robert E., 4,534,207, Cl. 73-23.100.
Robinson, Ronnie D., to EECO Incorporated. Control unit individually serving two adjacent passengers. 4,509,097, 4-2-85, Cl. 361-395.000.
Robinson, Thomas D.; Sharp, Lewis A., Jr.; and McAllister, George P., to Aquaris Industries, Incorporated. Shower door. 4,491,990, 1-8-85, Cl. 4-607.000.
Robinson, Thomas P.; Killman, Don M.; Mattson, Andrew P.; and Hudson, James E., Jr., to Quest Medical, Inc. Volumetric metering unit for intravenous fluid addition. 4,559,044, 12-17-85, Cl. 604-246.000.
Robinson, Vancortland T.; and Spector, George. Portable door signal. 4,529,962, 7-16-85, Cl. 340-321.000.
Robinson, Vivian N. E.; and Cutmore, Nicholas G., to Unisearch Limited. Quantitative compositional analyser for use with scanning electron microscopes. 4,559,450, 12-17-85, Cl. 250-310.000.
Robinson, Wilfred R. Furniture construction. 4,523,787, 6-18-85, Cl. 297-440.000.
Robinson, William K.; and White, Malcolm J., to Chubb & Son's Lock and Safe Company Limited. Key-operated lock. 4,506,530, 3-26-85, Cl. 70-338.000.
Robinson, William M., to Union Camp Corporation. Bag with easy open line of perforations. 4,557,385, 12-10-85, Cl. 206-620.000.
Robinson, William V., Jr.; and Shively, Richard R., to AT&T Bell Laboratories. Full adder using transmission gates. 4,559,609, 12-17-85, Cl. 364-784.000.
Robinton, Michael A.; and Starkie, Alan H., to Robinton Products, Inc. Delta-sigma pulse modulator with offset compensation. 4,542,354, 9-17-85, Cl. 332-11.00D.
Robinton Products, Inc.: *See—*
Robinton, Michael A.; and Starkie, Alan H., 4,542,354, Cl. 332-11.00D.
Robison, Kenneth O.: *See—*
Lively, F. Glenn; and Robison, Kenneth O., 4,501,323, Cl 166-250.000.
Robison, Robert L.: *See—*
Buddenbaum, Harry C.; and Robison, Robert L., 4,533,542, Cl 424-31.000.
Robitaille, Martial J.: *See—*
Kunde, Wayne C.; and Robitaille, Martial J., 4,527,300, Cl. 15-21.00C.
Robjent, Frederick B.; and Klamer, Reuben B., to Quaker Oats Company, The. Roller skate with integral ratchet means. 4,553,767, 11-19-85, Cl. 280-11.210.
Roblejo, Conrad. Hydropropulsion catheter and method for removing urinary blockages. 4,526,575, 7-2-85, Cl. 604-54.000.
Robles, Benjamin R.: *See—*
Bresson, Clarence R.; Robles, Benjamin R.; and Parlman, Robert M., 4,533,466, Cl. 209-167.000.
Robortaccio, Rocco J.: *See—*
Blumberg, Richard J.; Brenner, Stewart; and Robortaccio, Rocco J., 4,521,700, Cl. 307-456.000.
Robot-Coupe, S.A.: *See—*
Behringer, John; and Martin, Pierre, 4,523,720, Cl. 241-37.500.
Robot Research, Inc.: *See—*
Stahler, John P., 4,516,151, Cl. 358-14.000.
Robotgruppen HB: *See—*
Larson, Ove; and Davidson, Charles, 4,494,417, Cl. 74-469.000.
Robotic Vision Systems, Inc.: *See—*
DiMatteo, Paul; and Ross, Joseph, 4,494,874, Cl. 356-376.000.
DiMatteo, Paul, 4,529,316, Cl. 356-376.000.
DiMatteo, Paul; and Hecker, Joel, 4,533,828, Cl. 250-216.000.
DiMatteo, Paul L.; Ross, Joseph A.; and Stern, Howard K., 4,508,452, Cl. 356-375.000.
Di Matteo, Paul L.; Ross, Joseph A.; and Stern, Howard K., 4,511,252, Cl. 356-375.000.
Robotics, Inc.: *See—*
Mosher, Ralph S., 4,551,058, Cl. 414-735.000.
Robra, Joerg; and Goschin, Hans, to Te Ka De Felten & Guilleaume Fernmeldeanlagen GmbH. Method of and a circuit for energizing a subscriber's circuit in a telephone system. 4,525,602, 6-25-85, Cl. 179-16.00F.
Robroy Industries: *See—*
Zizan, John P., 4,524,937, Cl. 248-74.300.
Robson, Charles H. Pollen-fortified honey product and method of making the honey product. 4,529,612, 7-16-85, Cl. 426-658.000.
Robson, David: *See—*
Falck, John B.; and Robson, David, 4,514,731, Cl. 340-825.080.
Robson, George E.; and Anderson, Paul R. Spring type hand grip exerciser. 4,513,962, 4-30-85, Cl. 272-68.000.
Robson, Harry E., to Exxon Research & Engineering Co. Method for the preparation of zeolites using a low water low alkali metal content gel. 4,560,542, 12-24-85, Cl. 423-328.000.
Robson, John H.; and Keller, George E., II, to Union Carbide Corporation. Process for the production of alkylene glycols. 4,551,566, 11-5-85, Cl. 568-867.000.
Robson, Michael J., to Imperial Chemical Industries PLC. Insecticidal product and preparation thereof. 4,510,160, 4-9-85, Cl. 514-521.000.
Robson, Michael J., to Imperial Chemical Industries PLC. Insecticidal product and preparation thereof. 4,512,931, 4-23-85, Cl. 260-465.00D.
Robson, Peter, to Procter & Gamble Company, The. Stain removal method using granular detergent composition comprising magnesium salt. 4,502,986, 3-5-85, Cl. 252-526.000.
Robson, Robert, to Exxon Research & Engineering Co. Concentrates of lubricant additives. 4,502,971, 3-5-85, Cl. 252-33.300.
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von Ahrens, Roger W., 4,515,000, Cl. 72-278.000.
Roby, Charles K.: *See—*
Fletcher, George R., Jr.; Messick, George H., Jr.; Roby, Charles K.; and Huey, Cecil O., Jr., 4,550,532, Cl. 51-288.000.
Roby, Gerard: *See—*
Sarton, Francois; and Roby, Gerard, 4,490,887, Cl. 24-16.0PB.
Robyn, Pierre; and Deschepper, Pierre, to Glaverbel. Composite refractory articles and method of manufacturing them. 4,497,473, 2-5-85, Cl. 266-44.000.
Robyn, Pierre; and Deschepper, Pierre, to Glaverbel. Adding to silica refractory structures. 4,542,888, 9-24-85, Cl. 266-44.000.
Robyn, Pierre: *See—*
Plumat, Robert; Robyn, Pierre; and Deschepper, Pierre, 4,560,591, Cl. 427-422.000.
Roca-Nierga, Manuel; and Lenzi, Giuliano, to Spica S.p.A. Delivery regulator for a fuel injection pump. 4,502,445, 3-5-85, Cl. 123-458.000.
Roca Nierga, Manuel, to Spica S.p.A. Advance variator for a fuel injection pump. 4,535,745, 8-20-85, Cl. 123-502.000.
Roca Nierga, Manuel, to Spica S.p A. Injection pump regulator systems for internal combustion engines. 4,561,398, 12-31-85, Cl. 123-449.000.

Rocca, Jorge J.; and Collins, George J., to Colromm, Inc. Electron beam etching of integrated circuit structures. 4,496,449, 1-29-85, Cl. 204-192.00E.

Rocca, Jorge J.: *See—*
Collins, George J.; Thompson, Lance R.; Rocca, Jorge J.; and Boyer, Paul K., 4,509,451, Cl. 118-50.100.

Roccaforte, Harry I., to Champion International Corporation. Carton with carrying handle. 4,498,619, 2-12-85, Cl. 229-52.00B.

Roccaforte, Harry I., to Champion International Corporation. Serrated cutting edge for sheet material dispenser and method of forming the same. 4,506,816, 3-26-85, Cl. 225-48.000.

Roccaforte, Harry I., to Champion International Corporation. Easy opening carton. 4,511,043, 4-16-85, Cl. 206-620.000.

Roccaforte, Harry I., to Champion International Corporation. Reinforced display carton and blank therefor. 4,518,086, 5-21-85, Cl. 206-485.000.

Roccaforte, Harry I.; and Christie, Robert A., to Champion International Corporation. Visible and easy accessible package. 4,524,870, 6-25-85, Cl. 206-608.000.

Roccaforte, Harry I., to Champion International Corporation. Integral three-ply strap handle. 4,546,914, 10-15-85, Cl. 229-52.00B.

Roccaforte, Harry I.: *See—*
Dickert, James C.; Roccaforte, Harry I.; and Wysocki, Lawrence S., 4,498,620, Cl. 229-52.00A.

Rocchi, Luigi, to Selenia, Industrie Elettroniche Associate, S.p.A. Device for determining distance of area illuminated by pulsed laser. 4,538,907, 9-3-85, Cl. 356-1.000.

Rocchitelli, Onofrio. Thermostatically controlled electric heating device for motor vehicle glass washing fluid. 4,508,957, 4-2-85, Cl. 219-305.000.

Rocci, Joseph D.; Crook, Stephen E.; Kauffman, Marc; and Groff, Donald E., to General Instrument Corporation. Frequency agile security apparatus. 4,494,111, 1-15-85, Cl. 340-533.000.

Rocep-Lusol Holdings Limited: *See—*
Frutin, Bernard D., 4,556,156, Cl. 222-386.500.

Roch, Gerald V., to Hurco Manufacturing Co., Inc. Press brake gauging apparatus. 4,494,312, 1-22-85, Cl. 33-170.000.

Roch, Gerald V., to Hurco Manufacturing Co., Inc. Self-adjusting gib for machine tools and the like. 4,504,096, 3-12-85, Cl. 308-3.00A.

Roch, Josef; Muller, Erich; Narr, Berthold; Nickl, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, to Dr. Karl Thomae Gesellschaft mit beschrankter Haftung. Antithrombotic use of 2-(perhydro-1,4-diazino)-pyrimido (5,4,D)-pyrimidines. 4,518,596, 5-21-85, Cl. 514-232.000.

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Roch, Josef: *See—*
Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., 4,551,464, Cl. 514-312.000.
Narr, Berthold; Nickl, Josef; Muller, Erich; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,597, Cl. 514-228.000.

Rocha, Emilio. Batting practice device for baseball. 4,502,684, 3-5-85, Cl. 273-26.00E.

Rocha, Henry A. F., to General Electric Company. Current-squared-time (i^2t) protection system. 4,513,342, 4-23-85, Cl. 361-94.000.

Rocha, Henry A. F., to General Electric Company. Current sensor. 4,528,502, 7-9-85, Cl. 324-117.00R.

Rocha, Henry A. F.; and Harnden, John D., Jr., to General Electric Company. Piezoelectric force/pressure sensor. 4,546,658, 10-15-85, Cl. 73-862.590.

Rochat, Alain C.; and Cassar, Luigi, to Ciba-Geigy Corporation. Process for producing bismethine isoindolines. 4,500,718, 2-19-85, Cl. 548-471.000.

Rochat, Alain C.: *See—*
Cassar, Luigi; Iqbal, Abul; and Rochat, Alain C., 4,540,791, Cl. 546-335.000.

Roche, Bernard. Telephony apparatus having filter capacitor switched to undergo discrete phase jumps. 4,521,883, 6-4-85, Cl. 370-100.000.

Roche, Georges; and Lantaires, Jacques, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Method for encapsulating semiconductor components using temporary substrates. 4,530,152, 7-23-85, Cl. 29-588.000.

Roche, John N., to American Sterilizer Company. Cable failure indicator. 4,512,106, 4-23-85, Cl. 49-445.000.

Roche, Joseph R.; Morrill, Charles D.; and Hynes, Joseph H., to Hydril Company. Threaded coupling. 4,496,173, 1-29-85, Cl. 285-24.000.

Roche, Joseph R.; and Morrill, Charles D., to Hydril Company. Flow diverter. 4,502,534, 3-5-85, Cl. 166-84.000.

Roche, Joseph R.; Alexander, Gabriel G.; and Carbaugh, William L., to Hydril Company. Diverter/BOP system and method for a bottom supported offshore drilling rig. 4,524,832, 6-25-85, Cl. 166-347.000.

Roche, Joseph R., to Hydril Company. Diverter system and blowout preventer. 4,546,828, 10-15-85, Cl. 166-84.000.

Roche, Michael F.: *See—*
Kucera, Gene H.; and Roche, Michael F., 4,544,614, Cl. 429-193.000.

Roche, Michel, to Benson S.A. Pencil device for plotting machine. 4,540,995, 9-10-85, Cl. 346-139.00C.

Roche, Michel: *See—*
Frehaut, Joel; and Roche, Michel, 4,514,628, Cl. 250-299.000.

Roche, William J.; and Anderson, John W., Jr., to GTE Products Corporation. Incandescent ballast assembly. 4,494,041, 1-15-85, Cl. 315-49.000.

Roche, William J., to GTE Products Corporation. Mercury target sensing and locating apparatus. 4,494,042, 1-15-85, Cl. 315-56.000.

Roche, William J., to GTE Products Corporation. Electronic ballast circuit. 4,500,812, 2-19-85, Cl. 315-171.000.

Roche, William J.; and Parks, Ralph P., Jr., to GTE Products Corporation. Method of dispensing mercury into a fluorescent lamp and lamp to operate with method. 4,553,067, 11-12-85, Cl. 313-546.000.

Roche, William J.: *See—*
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Schlitt, Steven C.; Yong, Thomas S.; Roche, William J.; and Anderson, John W., Jr., 4,495,440, Cl. 313-492.000.

Rocheleau, Richard E.: *See—*
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Howeth, James R., 4,554,494, Cl. 318-482.000.

Rochester, James R.: *See—*
Glaser, Michael S.; and Rochester, James R., 4,552,454, Cl. 356-5.000.

Rochman, Tzur. Protective means for neutralizing the operation of a motor vehicle having automatic transmission. 4,545,459, 10-8-85, Cl. 180-287.000.

Rochman, Zvi H. Door locking device. 4,508,378, 4-2-85, Cl. 292-333.000.

Rochon, Fernande D.; and Kong, Pi-Chang. Platinum (II) compounds and their preparation. 4,533,502, 8-6-85, Cl. 546-8.000.

Rock Bit Industries U.S.A., Inc.: *See—*
Estes, Roy D.; and Wright, Beaumont B., 4,537,409, Cl. 277-83.000.
Garner, Lloyd L., 4,519,614, Cl. 277-84.000.

Rock, Erich; and Brunner, Josef, to Julius Blum Gesellschaft m.b.H. Pull-out guide assembly for drawers. 4,494,803, 1-22-85, Cl. 308-3.800.

Rock, Erich; and Hollenstein, Helmut, to Julius Blum Gesellschaft m.b.H. Joining device. 4,505,610, 3-19-85, Cl. 403-231.000.

Rock, Erich, to Julius Blum Gesellschaft m.b.H. Drawer guide assembly. 4,508,394, 4-2-85, Cl. 308-3.800.

Rock, Erich; and Brunner, Josef, to Julius Blum Gesellschaft m.b.H. Pull-out guide assembly for drawers. 4,530,547, 7-23-85, Cl. 308-3.800.

Rock, Erich; and Brustle, Klaus, to Julius Blum Gesellschaft m.b.H. Furniture hinge having a spring biased pivoting pressure member. 4,536,917, 8-27-85, Cl. 16-288.000.

Rock, Erich; and Brustle, Klaus, to Julius Blum Gesellschaft m.b.H. Furniture hinge having a spring biased pivoting pressure member. 4,543,686, 10-1-85, Cl. 16-288.000.

Rock, Erich; and Brustle, Klaus, to Julius Blum Gesellschaft m.b.H. Furniture hinge including axle members mounting hinge links to hinge casing. 4,551,883, 11-12-85, Cl. 16-370.000.

Rock, Erich; and Rupprechter, Helmut, to Julius Blum Gesellschaft m.b.H. Mounting plate of a hinge for mounting a door on furniture frames of varying thickness. 4,554,706, 11-26-85, Cl. 16-237.000.

Rock, Erich; and Brunner, Josef, to Julius Blum Gesellschaft m.b.H. Gauging tool. 4,556,205, 12-3-85, Cl. 269-2.000.

Rock, Erich; and Hollenstein, Helmut, to Julius Blum Gesellschaft m.b.H. Pull-out guide assembly for drawers or the like. 4,557,531, 12-10-85, Cl. 308-3.800.

Rock, Erich; and Brustle, Klaus, to Julius Blum Gesellschaft m.b.H. Furniture hinge including C-shaped member for mounting hinge links to hinge casing. 4,558,485, 12-17-85, Cl. 16-370.000.

Rock, Erich; and Brunner, Josef, to Julius Blum Gesellschaft m.b.H. Pull-out guide assembly for drawers or the like. 4,558,908, 12-17-85, Cl. 308-3.800.

Rock, Howard P.; and Rock, Kelly P. Fuel efficient, low pollution carburetor and methods. 4,515,734, 5-7-85, Cl. 261-50.00R.

Rock, James E. Fire retardant means and method. 4,514,327, 4-30-85, Cl. 252-607.000.

Rock, Kelly P.: *See—*
Rock, Howard P.; and Rock, Kelly P., 4,515,734, Cl. 261-50.00R.

Rock, Orville J.: *See—*
Shonley, Ivan T.; and Rock, Orville J., 4,498,872, Cl. 440-63.000.

Rock, Siegfried; Rainer, Hans-Peter; Herzog, Reinhold; Wertitsch, Werner; Kromus, Gunter; and Kolbl, Fritz, to Contacting-Gesellschaft fur Wirlshaftskontakte GmbH. Ventilating profile frames for closure panels. 4,558,638, 12-17-85, Cl. 98-88.100.

Rock-Tenn Company: *See—*
Engle, Donald W.; and Hahn, Roger S., 4,548,350, Cl. 229-15.000.
Fletcher, Richard J.; and Wischusen, Henry, III, 4,550,834, Cl. 206-611.000.
Palmer, Willard, 4,544,092, Cl. 229-15.000.
Wischusen, Henry, III, 4,497,433, Cl. 229-30.000.
Wischusen, Henry, III, 4,511,042, Cl. 206-611.000.
Wischusen, Henry, III, 4,558,815, Cl. 229-31.00R.

Rockarts, Rene L.: *See—*
Stuhldreher, Terrence M.; and Rockarts, Rene L., 4,531,902, Cl. 425-408.000.

Rockcor, Inc.: *See—*
Poole, Donald R., 4,533,416, Cl. 149-35.000.
Van Ornum, Joel V.; and Chiu, Jessie T., 4,539,344, Cl. 523-166.000.

Rocke, Richard D.: *See—*
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- Rockefeller University, The: *See—*
  - Cerami, Anthony; Pongor, Sandor; and Brownlee, Michael, 4,534,894, Cl. 260-112.700.
  - Erickson, Bruce W., 4,515,920, Cl. 525-54.110.
  - Fishman, Jack; and Mayairi, Shinichi, 4,546,098, Cl. 514-177.000.
  - Friedheim, Ernst A. H., 4,514,390, Cl. 514-184.000.
  - Merrifield, Robert B., 4,560,676, Cl. 514-12.000.
- Rockel, Bruce H.: *See—*
  - Jahnke, William R.; Rockel, Bruce H.; Brown, Barry J.; Hawley, Floyd E.; Pennella, Andrew J.; Sugrue, John C.; and Wiggins, William R., 4,534,093, Cl. 29-26.00A.
- Rockerath, John L.; and Blust, Dale K., to Figgie International Inc. Fabric handling apparatus and method. 4,545,544, 10-8-85, Cl. 242-55.000.
- Rocket Research Company: *See—*
  - Clark, Edward C.; and Huxtable, Douglas D., 4,532,778, Cl. 62-477.000.
  - Galbraith, Lyle D., 4,497,632, Cl. 441-30.000.
  - Galbraith, Lyle D., 4,512,355, Cl. 137-68.00A.
- Rockett, Leonard R., Jr., to RCA Corporation. Pulse duration modulator using charge coupled devices. 4,508,975, 4-2-85, Cl. 307-261.000.
- Rockey, Arthur G. Medical sleeve. 4,501,264, 2-26-85, Cl. 128-1.00R.
- Rockford Enterprises, Inc.: *See—*
  - Salmon, Dennis E., 4,515,245, Cl. 184-105.00R.
- Rockl, Manfred: *See—*
  - Hoppe, Udo; Wittern, Klaus-Peter; Sauermann, Gerhard; Stelling, Otto; and Rockl, Manfred, 4,547,307, Cl. 252-107.000.
- Rockland, Inc.: *See—*
  - Tyer, Robert C., 4,553,778, Cl. 294-86.400.
- Rocklin, Isadore J. Device and method for surfacing a workpiece. 4,551,603, 11-5-85, Cl. 219-76.130.
- Rockmont Industries, Inc.: *See—*
  - Knobloch, Dale B., 4,502,859, Cl. 8-94.290.
- Rockrohr, James D.: *See—*
  - Bond, Paul W.; and Rockrohr, James D., 4,547,710, Cl. 315-403.000.
- Rockwell-Golde GmbH: *See—*
  - Grimm, Rainer; and Elfen, Adolf, 4,536,829, Cl. 362-74.000.
- Rockwell International Corporation: *See—*
  - Alexander, Robert H., 4,535,850, Cl. 173-12.000.
  - Anderson, Eric G., 4,521,679, Cl. 235-492.000.
  - Anderson, Eric G., 4,547,661, Cl. 235-482.000.
  - Anderson, Eric G., 4,555,619, Cl. 235-492.000.
  - Apel, Thomas R., 4,540,954, Cl. 330-286.000.
  - Armitage, Scott T., 4,504,741, Cl. 307-228.000.
  - Artz, Glen D.; and Flanagan, Joseph E., 4,525,226, Cl. 149-35.000.
  - Barkhoudarian, Sarkis, 4,523,482, Cl. 73-862.360.
  - Barkhoudarian, Sarkis, 4,549,436, Cl. 73-517.00A.
  - Bevilaqua, Paul M.; and Stachura, Stanley J., 4,519,990, Cl. 423-210.000.
  - Black, Maurice D., Jr., 4,542,510, Cl. 372-2.000.
  - Boros, John, 4,509,095, Cl. 361-386.000.
  - Brian, Michael, 4,549,165, Cl. 340-347.0CC.
  - Brissette, Ronald N.; and Kumbier, Richard L., 4,542,996, Cl. 384-536.000.
  - Brown, James L., 4,494,019, Cl. 307-491.000.
  - Brown, James L., 4,513,307, Cl. 357-42.000.
  - Bruce, Daniel E.; and Esola, John L., 4,538,458, Cl. 73-233.000.
  - Bruene, Warren B., 4,493,112, Cl. 455-123.000.
  - Bruene, Warren B., 4,516,087, Cl. 332-17.000.
  - Canning, Terry D.; and Hovan, Francis E., 4,519,667, Cl. 339-186.00M.
  - Carver, John H., 4,500,986, Cl. 370-58.000.
  - Cascini, Michael R., 4,512,697, Cl. 411-7.000.
  - Cascini, Michael R., 4,516,834, Cl. 350-335.000.
  - Cassidenti, Michael L., 4,535,216, Cl. 219-68.000.
  - Cassidenti, Michael L., 4,555,204, Cl. 408-144.000.
  - Centala, John P., 4,553,210, Cl. 364-434.000.
  - Cheung, Derek T., 4,532,424, Cl. 250-338.000.
  - Christoff, William J., 4,503,666, Cl. 60-39.070.
  - Christoff, William J., 4,514,976, Cl. 60-39.070.
  - Clapper, Robert L.; Gradle, Richard J.; and Bake, Earl A., 4,522,230, Cl. 137-496.000.
  - Cleveland, Donald C., 4,496,333, Cl. 464-162.000.
  - Conner, William A., 4,539,709, Cl. 455-67.000.
  - Conner, William A., 4,561,111, Cl. 455-63.000.
  - Craiglow, Robert L., 4,551,688, Cl. 330-280.000.
  - Davidson, Donald J.; and Sheill, David D., 4,502,572, Cl. 188-72.800.
  - Davidson, Donald J.; and Sheill, David D., 4,503,946, Cl. 188-71.900.
  - Davidson, Donald J., 4,527,668, Cl. 188-73.380.
  - Deasy, Richard E., 4,511,900, Cl. 343-845.000.
  - Debrunner, Paul E., Jr., 4,520,843, Cl. 137-469.000.
  - Domino, William J.; Havens, Donald P.; and Johnson, Robert A., 4,553,060, Cl. 310-333.000.
  - Dorsman, Adrian K., 4,528,495, Cl. 323-268.000.
  - Dumas, Ted A.; Vet, Maarten; and Buchmeyer, Sam K., 4,506,265, Cl. 343-704.000.
  - Erickson, Alan R.; and Heidt, Marvin W., 4,547,746, Cl. 330-298.000.
  - Fabian, Gordon R.; and McElreath, Kenneth W., 4,492,907, Cl. 318-586.000.
  - Fadner, Thomas A.; and Hycner, Stanley H., 4,537,127, Cl. 101-141.000.
  - Fechalos, William A.; and DeMarco, Joseph M., 4,519,072, Cl. 370-110.100.
  - Fedde, Chris D.; and Carter, Dennis L., 4,506,385, Cl. 455-226.000.
  - Fisher, Harry W.; and Hrivnak, Emil E., 4,527,600, Cl. 141-4.000.
  - Fjeldsted, Thomas P.; and Hatheway, Alson E., 4,502,751, Cl. 350-6.400.
  - Frankel, Milton B.; and Wilson, Edgar R., 4,499,723, Cl. 60-211.000.
  - Frankel, Milton B.; and Woolery, Dean O., II, 4,534,895, Cl. 260-239.0BC.
  - Fredrickson, Lee R.; Cascini, Michael R.; and Mosier, Donald E., 4,518,225, Cl. 350-338.000.
  - Frerking, Marvin E., 4,513,259, Cl. 331-176.000.
  - Gay, Richard L.; and Grantham, LeRoy F., 4,559,170, Cl. 252-628.000.
  - Glass, Howard L., 4,493,819, Cl. 423-277.000.
  - Glass, Howard L., 4,499,061, Cl. 423-277.000.
  - Godejahn, Gordon C., Jr., 4,506,437, Cl. 29-577.00C.
  - Goldberg, Ira B.; Chung, Kwang E.; and Fadner, Thomas A., 4,559,493, Cl. 324-61.00R.
  - Goss, Joseph R.; and Schulz, David W., 4,526,312, Cl. 228-157.000.
  - Grantham, LeRoy F.; and Heath, Norman W., 4,498,347, Cl. 73-861.660.
  - Grantham, LeRoy F., 4,499,833, Cl. 110-342.000.
  - Grantham, LeRoy F.; and Ashworth, Joseph A., 4,526,677, Cl. 208-262.000.
  - Graves, Steven P., 4,554,539, Cl. 340-805.000.
  - Gunning, William J., III; and Tracy, John M., 4,508,964, Cl. 250-201.000.
  - Hackett, Charles M., Jr., 4,513,383, Cl. 364-517.000.
  - Haendel, Richard S.; and Wauer, John C., 4,509,049, Cl. 343-7.500.
  - Halcomb, Ronald G., 4,492,607, Cl. 156-242.000.
  - Hallford, Ben R., 4,500,847, Cl. 330-277.000.
  - Hamilton, Charles H.; and Puhaczewski, Paul R., 4,502,309, Cl. 72-60.000.
  - Hanley, Michael J., 4,547,878, Cl. 370-62.000.
  - Hawes, Debra K., 4,508,365, Cl. 281-2.000.
  - Henning, Jerrold V., 4,538,235, Cl. 364-569.000.
  - Hogge, Charles R., Jr., 4,520,489, Cl. 375-14.000.
  - Hogge, Charles R., Jr., 4,535,459, Cl. 375-80.000.
  - Hogge, Charles R., Jr., 4,538,283, Cl. 375-14.000.
  - Hogge, Charles R., Jr., 4,555,789, Cl. 375-11.000.
  - Holmes, Dale A.; and Waite, Thomas R., 4,514,850, Cl. 372-95.000.
  - Holmes, Dale A., 4,516,244, Cl. 372-99.000.
  - Huffman, Charles E., 4,551,830, Cl. 370-15.000.
  - Jaqua, Vance W., 4,535,518, Cl. 29-157.00C.
  - Jones, Addison B.; and Plonski, Siegfried G., 4,536,882, Cl. 378-35.000.
  - Jovick, Raymond J.; Malott, Roger J.; and Evans, Thomas E., 4,510,408, Cl. 310-168.000.
  - Karulkar, Pramod C., 4,507,852, Cl. 29-590.000.
  - Kiamco, Roberto C.; and Skipor, Eugene, Jr., 4,537,390, Cl. 270-53.000.
  - Kleiman, William J., 4,493,449, Cl. 228-7.000.
  - Kleinhans, William A., 4,500,200, Cl. 356-152.000.
  - Ladouceur, Lawrence C., 4,509,256, Cl. 29-802.000.
  - Ladouceur, Lawrence C., 4,542,569, Cl. 29-159.00A.
  - Landt, Harvey L., 4,506,209, Cl. 324-57.00R.
  - Lienert, Gerold, 4,492,102, Cl. 72-53.000.
  - Liggett, John V., 4,509,239, Cl. 29-159.00A.
  - Liggett, John V., 4,529,252, Cl. 301-37.00C.
  - Liggett, John V., 4,559,764, Cl. 53-557.000.
  - Logan, Thomas L., 4,530,690, Cl. 493-442.000.
  - Majefski, Richard L., 4,525,684, Cl. 330-304.000.
  - Majewski, Lawrence M., 4,503,953, Cl. 188-330.000.
  - Marusik, C. Lee, 4,520,275, Cl. 307-64.000.
  - Matzek, Lester T., 4,506,237, Cl. 333-28.00R.
  - McClellan, W. Roy, III; Girvin, Richard J.; and Conner, William A., 4,503,562, Cl. 455-22.000.
  - McDermott, Thomas C., III, 4,549,283, Cl. 365-194.000.
  - McElreath, Kenneth W.; and Fabian, Gordon R., 4,527,242, Cl. 364-434.000.
  - Milano, Raymond A., 4,550,331, Cl. 357-24.000.
  - Mitchell, Daniel M., 4,502,104, Cl. 363-26.000.
  - Moen, Walter K., 4,535,222, Cl. 219-300.000.
  - Moge, Robert A., 4,524,863, Cl. 198-797.000.
  - Mollman, Walter G., 4,506,118, Cl. 200-1.00R.
  - Moore, Larry V., 4,552,391, Cl. 292-5.000.
  - Morcerf, Lester A.; Kiefer, Charles E.; Jones, Gary W.; and Conditt, John E., 4,491,966, Cl. 455-32.000.
  - Morey, William A., 4,500,841, Cl. 328-146.000.
  - Morey, William A.; and Tonneson, Ronald J., 4,507,656, Cl. 340-739.000.
  - Morey, William A., 4,535,328, Cl. 340-739.000.
  - Morgan, Peter E. D.; and Pugar, Eloise A., 4,552,740, Cl. 423-344.000.
  - Moriarty, Michael P., 4,517,165, Cl. 423-244.000.
  - Moriarty, Michael P., 4,523,532, Cl. 110-347.000.
  - Mosier, Donald E., 4,515,440, Cl. 350-334.000.
  - Mosier, Donald E.; and Cascini, Michael R., 4,555,625, Cl. 250-231.0SE.
  - Nayate, Pramod D., 4,496,141, Cl. 270-55.000.
  - Nelson, David A., 4,516,055, Cl. 315-151.000.
  - Nelson, David A., 4,531,233, Cl. 455-173.000.
  - Nichols, Richard A., 4,528,697, Cl. 455-139.000.
  - Nichols, Richard A., 4,558,291, Cl. 333-138.000.

Nicholson, Margie M., 4,501,472, Cl. 350-357.000.

Niemiro, Josef W.; and Skipor, Eugene, 4,493,690, Cl. 493-444.000.

Niemiro, Josef W.; and Skipor, Eugene, 4,545,782, Cl. 493-425.000.

Niemiro, Thaddeus A.; and Machaj, Daniel F., 4,526,099, Cl. 101-220.000.

Olson, Roy E., 4,551,649, Cl. 313-336.000.

Phillips, Donald E., 4,500,852, Cl. 331-12.000.

Pittenger, Robert L., 4,504,110, Cl. 350-6.300.

Pizzarello, Frank A., 4,498,156, Cl. 365-215.000.

Priese, Werner K., 4,513,946, Cl. 251-173.000.

Rainville, Gilles, 4,530,197, Cl. 52-797.000.

Rajan, John A., 4,538,281, Cl. 375-2.200.

Rhodes, William D., Jr., 4,518,905, Cl. 318-661.000.

Rider, Billie F., 4,520,669, Cl. 73-510.000.

Rosman, Irwin E.; and Wagner, William R., 4,503,908, Cl. 165-167.000.

Rosman, Irwin E.; and Bourgeois, Hector S., 4,519,745, Cl. 416-96.00A.

Rosman, Irwin E.; and Wagner, William R., 4,523,638, Cl. 165-167.000.

Rosman, Irwin E.; and Wagner, William R., 4,535,840, Cl. 165-167.000.

Rosman, Irwin E.; and Leonard, David L., 4,538,749, Cl. 222-386.500.

Rozema, John G.; and Chen, William I. H., 4,518,930, Cl. 331-36.00C.

Schack, Carl J.; and Flanagan, Joseph E., 4,522,756, Cl. 260-349.000.

Schulz, David W.; and Spaulding, Gail E., 4,500,033, Cl. 228-219.000.

Sciulli, Felice M., 4,495,596, Cl. 364-900.000.

Sclar, Nathan, 4,547,792, Cl. 357-45.000.

Sclar, Nathan, 4,558,342, Cl. 357-30.000.

Scott, James P., 4,529,067, Cl. 188-18.00A.

Searl, Fugene P., 4,520,476, Cl. 370-32.000.

Shaheen, Joseph M.; and Yancey, Herbert W., 4,496,215, Cl. 350-96.230.

Sheem, Sang K., 4,507,775, Cl. 370-4.000.

Sheill, David D., 4,503,595, Cl. 29-434.000.

Sheill, David D., 4,516,666, Cl. 188-73.380.

Sheill, David D.; Davidson, Donald J.; and Dettloff, David J., 4,548,300, Cl. 188-73.100.

Sherrick, George O.; and Rosenthal, Joseph R., 4,560,428, Cl. 156-94.000.

Silagi, Edward G., 4,532,478, Cl. 330-151.000.

Soclof, Sidney I., 4,497,685, Cl. 156-647.000.

Soclof, Sidney I., 4,506,283, Cl. 357-51.000.

Soclof, Sidney I., 4,522,682, Cl. 156-647.000.

Southwell, William H., 4,536,063, Cl. 350-395.000.

Spence, John R.; and Yamamura, Michael M., 4,504,745, Cl. 307-473.000.

Spence, John R., 4,549,100, Cl. 307-362.000.

Spinks, R. Joe, Jr.; Snider, Glenn R.; and Deasy, Richard E., 4,545,059, Cl. 375-1.000.

Spinks, Raleigh J., Jr.; Edwards, Richard C.; and Dahm, Joseph J., 4,496,953, Cl. 343-792.000.

Sprouse, Kenneth M.; Schuman, Merlin D.; and Combs, L. Paul, 4,536,603, Cl. 585-539.000.

Spurling, Robert A.; Davis, Burton I.; and Taylor, Norman G., 4,513,537, Cl. 51-71.000.

Statkus, George M., 4,505,378, Cl. 198-710.000.

Stock, William H., 4,543,873, Cl. 89-1.590.

Sutherland, Ray, 4,520,423, Cl. 361-380.000.

Swanson, Ronald L.; and Strathman, Lyle R., 4,496,976, Cl. 358-147.000.

Thompson, William J., 4,499,434, Cl. 331-17.000.

Thompson, William J., 4,506,232, Cl. 331-16.000.

Thompson, William J., 4,514,706, Cl. 331-16.000.

Tocci, Leonard R., 4,523,300, Cl. 365-43.000.

Treise, Jan E., 4,495,473, Cl. 331-10.000.

Treise, Jan E., 4,555,704, Cl. 343-7.300.

Treu, Dennis M., 4,531,701, Cl. 248-676.000.

Tyler, Glenn A., 4,531,216, Cl. 372-9.000.

Vescial, Frederick, 4,514,087, Cl. 356-350.000.

Vescial, Frederick, 4,514,832, Cl. 356-350.000.

von Bieren, Karlheinz, 4,498,773, Cl. 356-360.000.

von Bieren, Karlheinz, 4,552,435, Cl. 350-169.000.

Vrolyk, John J., 4,498,531, Cl. 166-59.000.

Vyhnal, Richard F., 4,548,065, Cl. 72-413.000.

Wallschlaeger, Alan R.; and Wade, John F., 4,493,258, Cl. 101-415.100.

Walsh, Raymond F., IV, 4,541,096, Cl. 372-59.000.

Walter, Robert J.; and Gerik, Bernard J., 4,534,794, Cl. 106-14.050.

Walter, Robert J.; Lewis, Jack R.; and Moss, Charles M., 4,562,332, Cl. 219-121.0EM.

Warren, Leslie F., 4,552,927, Cl. 525-279.000.

Weber, James L., 4,499,976, Cl. 188-71.900.

Weisert, Edward D., 4,509,671, Cl. 228-157.000.

Wells, Calvin G.; and Szabo, Steve B., 4,492,019, Cl. 29-447.000.

Wells, Calvin G.; and Szabo, Steve B., 4,498,709, Cl. 301-5.0VH.

Western, Ralph E., 4,558,230, Cl. 307-66.000.

White, Stanley A., 4,507,741, Cl. 364-554.000.

White, Stanley A., 4,524,424, Cl. 364-724.000.

White, Stanley A., 4,539,536, Cl. 333-165.000.

Wiegel, Roger E., 4,528,459, Cl. 307-66.000.

Wiers, John W., 4,552,405, Cl. 297-375.000.

Wilkis, Anthony J., 4,533,206, Cl. 339-258.00R.

Williams, Richard J., 4,536,936, Cl. 29-447.000.

Wykes, John H.; and Miller, Gerald D., 4,562,546, Cl. 364-434.000.

Yamamura, Michael M., 4,496,855, Cl. 307-350.000.

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Yeh, Pochi A., 4,501,470, Cl. 350-313.000.

Yeh, Pochi A., 4,548,479, Cl. 350-404.000.

Young, James P., 4,553,108, Cl. 330-300.000.

Young, James P., 4,560,949, Cl. 330-284.000.

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Rockwell, Lynn H., to Sanders Associates, Inc. Electronic pen with switching mechanism for selectively providing tactile or non-tactile feel. 4,532,376, 7-30-85, Cl. 178-18.000.

Rockwell-Rimoldi S.p.A.: *See—*

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DeSantis, Gennaro, 4,543,896, Cl. 112-162.000.

Lemke, Cornelis P., 4,559,883, Cl. 112-136.000.

Marchesi, Franco, 4,546,717, Cl. 112-313.000.

Marchesi, Franco, 4,554,840, Cl. 74-42.000.

Sanvito, Roberto, 4,493,277, Cl. 112-153.000.

Sanvito, Roberto, 4,546,714, Cl. 112-155.000.

Rockwood, Albert M. Folding net mechanism. 4,514,925, 5-7-85, Cl. 43-12.000.

Rockwood, Clyde R., to D. L. Auld Company, The. Decorative emblem useful in customizing an automobile and other surfaces. 4,556,588, 12-3-85, Cl. 428-13.000.

Rockwood, Robert E.; and Antkowiak, Richard P., to A. W. Chesterton Company. Centrifugal pump. 4,501,530, 2-26-85, Cl. 415-170.00A.

Rockwood, Robert E.; and Ximenes, Victor, to A. W. Chesterton Company. Vibration sensor. 4,547,771, 10-15-85, Cl. 340-683.000.

Rockwood Systems Corporation: *See—*

Clark, Charles J.; and Bennett, Edward M., 4,541,947, Cl. 252-307.000.

Rocky Mountain Sheet Metal Company, Inc.: *See—*

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Rocquin, Camille J. Debris picker with interchangeable tips. 4,502,722, 3-5-85, Cl. 294-61.000.

Rocroi, Jean-Pierre C.; and Gole, Francois V., to Compagnie Generale de Geophysique. Method for geophysical prospecting using impulsine currents. 4,535,293, 8-13-85, Cl. 324-336.000.

Rodari, Gianpiero S., to Soxil S.p.A. Apparatus for artificial pulmonary ventilation during anaesthesia and resuscitation. 4,508,117, 4-2-85, Cl. 128-204.210.

Rodarte, Michael R. Aerodynamic throwing implement. 4,516,946, 5-14-85, Cl. 446-46.000.

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Rodd, Derek E., to Minitube Systems. Hot water heating system. 4,498,623, 2-12-85, Cl. 237-8.00R.

Rodd, Derek E. Hot water heat distributor. 4,535,934, 8-20-85, Cl. 237-70.000.

Rodda, Donald; and Odermann, Charles R., to Singer Company, The. Noise suppression and thread control arrangement for a sewing machine. 4,524,708, 6-25-85, Cl. 112-231.000.

Rodda, Donald: *See—*

Giaimo, Anthony; Larsen, Robert H.; and Rodda, Donald, 4,545,311, Cl. 112-254.000.

Rodde, Christian; and Desarnaud, Jean, to Octel S.A. Flowmeter and installation for mixing an additive in a liquid. 4,522,059, 6-11-85, Cl. 73-223.000.

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Edwards, Julian G.; and Roddie, Alan G., 4,514,624, Cl. 250-211.00R.

Roddiger, Henry A.: *See—*

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Rode, Christian S.: *See—*

Curran, Kevin G.; Golson, Steven E.; and Rode, Christian S., 4,525,599, Cl. 178-22.080.

Rode, Henry J. Truck body cover. 4,526,416, 7-2-85, Cl. 296-100.000.

Rode, John E., to Temper-Ring Equipment Corporation. Method of axially positioning a rotating annular member supporting shaft within a support. 4,492,018, 1-8-85, Cl. 29-437.000.

Rode, Klaus: *See—*

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Rode, Melvin A.: *See—*

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Gunda, Rajamouli; McCarty, Michael R.; and Rode, Melvin A., 4,537,029, Cl. 60-390.000.

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Rodekamp, Hartmut: *See—*

Euscher-Klingenhagen, Werner; Griemla, Horst; and Rodekamp, Hartmut, 4,515,285, Cl. 220-288.000.

Rodel, Gerhard; and Wolfel, Werner, to International Standard Electric Corporation. Power supply. 4,562,523, 12-31-85, Cl. 363-21.000.

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Rodemeyer, Gunther: *See—*
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Rodenberger, Frank A.: *See—*
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Rodenheber, Rainer, to Telefunken Electronic GmbH. Electronically controlled ignition system for an internal combustion engine. 4,538,572, 9-3-85, Cl. 123-418.000.

Roder, Albert; Seidel, Hans; and Giffhorn, Friedrich, to Boehringer Mannheim GmbH. Determination of L(+)-tartrate or D(+)-malate with L(+)-tartrate dehydrogenase. 4,550,079, 10-29-85, Cl. 435-189.000.

Roder, Albert: *See—*
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Roder GmbH, Sitzmobelwerke: *See—*
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Roder, Manfred, to Smithers-Oasis Company. Means for removably securing a decorative item to a nonporous surface. 4,505,446, 3-19-85, Cl. 248-205.800.

Roder, Rolf: *See—*
Heinze, Rudi; Roder, Rolf; and Feist, Wieland, 4,504,143, Cl. 356-5.000.

Roderburg, Harald, to Gesellschaft mit beschrankter Haftung Kabelmetal Electro. Method for the color coding of optical fibers. 4,554,179, 11-19-85, Cl. 427-163.000.

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Rodewald, Paul G.: *See—*
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Rodgers, Charles F.; and Rodgers, Herman R., 4,560,318, Cl. 414-724.000.

Rodgers, Jack; and Rodgers, Mark F. Hydraulic control system for vacuum sweeper trucks. 4,555,826, 12-3-85, Cl. 15-340.000.

Rodgers, James L.; and Fowler, Billy C., to Kurta Corporation. Graphic tablet and method. 4,492,819, 1-8-85, Cl. 178-18.000.

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Rodgers, Lowell A.: *See—*
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Rodgers, Mark F.: *See—*
Rodgers, Jack; and Rodgers, Mark F., 4,555,826, Cl. 15-340.000.

Rodgers, Michael C.; and Michels, Geoffrey H., to Ransburg Corporation. Self-cleaning atomizer. 4,505,430, 3-19-85, Cl. 239-112.000.

Rodgers, Robert L., III, to RCA Corporation. Feedback kinescope driver. 4,547,799, 10-15-85, Cl. 358-74.000.

Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., to Battelle Development Corporation. Non-emissive, flame-retardant coating compositions. 4,543,418, 9-24-85, Cl. 549-562.000.

Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., to Battelle Development Corporation. Non-emissive, flame-retardant coating compositions. 4,555,366, 11-26-85, Cl. 260-404.800.

Rodgers, Stephen D.; Dick, Richard J.; and McGinnis, Vincent D., to Battelle Development Corporation. Non-emissive, flame-retardant coating compositions. 4,557,870, 12-10-85, Cl. 260-404.800.

Rodgers, Vernon C.: *See—*
Jasperson, Carl R., 4,533,240, Cl. 355-125.000.

Rodgers, William. Pipe joint and seal. 4,529,211, 7-16-85, Cl. 277-63.000.

Rodi, Anton; Blasius, Udo; and Uhrig, Dieter, to Heidelberger Druckmaschinen AG. Safety device for determining improper takeover of sheets by a blanket cylinder. 4,558,216, 12-10-85, Cl. 250-223.00R.

Rodi & Wienenberger AG: *See—*
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Herchenbach, Wolfgang, 4,558,955, Cl. 368-282.000.
Ratz, Gerhard, 4,510,746, Cl. 59-79.100.

Rodieck, Chester C. Sequencing valve and irrigation system. 4,497,333, 2-5-85, Cl. 137-122.000.

Rodiere, Charles; and Crochet, Michel, to Societe Nationale Industrielle et Aerospatiale. Apparatus adapted for single pulse electromagnetic measurements of soil conductivity and dielectric constant. 4,502,009, 2-26-85, Cl. 324-337.000.

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Rodman, Fred K. Chaps. 4,506,391, 3-26-85, Cl. 2-227.000.

Rodman, Paul K.; Ardini, Joseph L., Jr.; and Papworth, David B., to Prime Computer, Inc. Memory access method and apparatus in multiple processor systems. 4,561,051, 12-24-85, Cl. 364-200.000.

Rodnevsky, Leonid A.: *See—*
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Rodney, Peter W. Driving habit monitor and sensor therefor. 4,528,547, 7-9-85, Cl. 340-52.00R.

Rodolfo, Almanzor Y. Method for the treatment of diabetes. 4,544,550, 10-1-85, Cl. 424-127.000.

Rodrigues, Allan B. J.: *See—*
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Rodriguez, Alfonzo S., Jr.; and Anderson, Jeffrey A., to Wright, Robert L. Multiple sport training device. 4,533,138, 8-6-85, Cl. 273-26.00R.

Rodriguez, Carl R.: *See—*
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Rodriguez, Carlos M.: *See—*
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Rodriguez, Cesar: *See—*
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Rodriguez, David F. Nutcracker. 4,554,736, 11-26-85, Cl. 30-120.300.

Rodriguez, Domingo; Schemel, Roberto; and Salazar, Ramon, to Intevep, S.A. Method for precipitating vanadium from vanadium bearing liquors and recovering vanadium pentoxide. 4,548,792, 10-22-85, Cl. 423-65.000.

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Rodriguez, Larry A.; Padilla, Antonio A.; and Spake, Ned B. Power transformer waste heat recovery system. 4,512,387, 4-23-85, Cl. 165-1.000.

Rodriguez, Ludovic: *See—*
Baltes, Eugene ; de Lannoy, Jean; and Rodriguez, Ludovic, 4,525,358, Cl. 514-255.000.

Rodriguez, Manuel S., to Du Pont de Nemours, E. I., and Company. Method for forming cationic technetium complexes useful as radiodiagnostic agents. 4,497,790, 2-5-85, Cl. 424-1.100.

Rodriguez, Michael J., to Micron International, Ltd. Electronic security and surveillance system. 4,511,886, 4-16-85, Cl. 340-534.000.

Rodriguez, Pedro A.; Edwards, James B.; and Habermehl, Fred M., to Procter & Gamble Company, The. Animal litter composition. 4,494,481, 1-22-85, Cl. 119-1.000.

Rodriguez, Philip A. B., to C-I-L Inc. Stabilizing polysaccharide-thickened aqueous medium and stable aqueous gel. 4,514,318, 4-30-85, Cl. 252-315.300.

Rodriguez, Rudolph R.: *See—*
Rodriguez, Vincent L.; and Rodriguez, Rudolph R., 4,504,505, Cl. 426-482.000.

Rodriguez, Sheila S.: *See—*
Benjamin, Lawrence; Rodriguez, Sheila S.; and Meinberg, Nancy A., 4,517,919, Cl. 119-1.000.

Rodriguez, Vincent L.; and Rodriguez, Rudolph R. Method for magnetically separating nutshells from nutmeats. 4,504,505, 3-12-85, Cl. 426-482.000.

Rodrique, Leo J., to Rogers Corporation. Tactile membrane keyboard with asymmetrical tactile key elements. 4,492,829, 1-8-85, Cl. 200-5.00A.

Rodseth, William G.; and Peterson, Francis C., to Illinois Tool Works Inc. Electrically insulated heat sink assemblies and insulators used therein. 4,546,408, 10-8-85, Cl. 361-386.000.

Rodseth, William G.: *See—*
Peterson, Francis C.; Rodseth, William G.; and Spring, William A., 4,523,883, Cl. 411-171.000.

Rodth, Joseph J., to Alco Foodservice Equipment Company. Connector for pressurized source of beverage concentrate. 4,510,969, 4-16-85, Cl. 137-614.050.

Rodth, Joseph J.; Smith, Ira A., Jr.; and Cornett, Donald F., to Coca-Cola Company, The. Ice-cooled dispensing system. 4,555,045, 11-26-85, Cl. 222-1.000.

Rodvelt, Ronnie L., to Didde Graphic Systems Corporation. Electronic ink flow control for printing. 4,524,692, 6-25-85, Cl. 101-350.000.

Rody, Jean: *See—*
Leppard, David G.; and Rody, Jean, 4,496,649, Cl. 430-372.000.
Leppard, David G.; and Rody, Jean, 4,517,283, Cl. 430-512.000.
Leppard, David G.; and Rody, Jean, 4,518,679, Cl. 430-372.000.
Leppard, David G.; and Rody, Jean, 4,518,688, Cl. 430-551.000.
Leppard, David G.; and Rody, Jean, 4,558,131, Cl. 546-222.000.

Rodyne Limited: *See—*
Burke, Alun, 4,545,288, Cl. 92-5.00R.

Roe, Frank L.: *See—*
Borcenk, Frank; Forsythe, Jeffry A.; and Roe, Frank L., 4,530,611, Cl. 400-175.000.

Roe, James E.: *See—*
  Gellman, Gary; Erfurt, George A.; and Roe, James E., 4,534,989, Cl. 426-549.000.
  Gellman, Gary; Erfurt, George A.; and Roe, James E., 4,534,990, Cl. 426-549.000.
  Gellman, Gary; Erfurt, George A.; and Roe, James E., 4,546,001, Cl. 426-549.000.
  Gellman, Gary; Erburt, George A.; and Roe, James E., 4,551,343, Cl. 426-549.000.
Roe, Jin-Young K.: *See—*
  Blasing, Elmer P.; Keeling, Ronald J.; and Roe, Jin-Young K., 4,499,125, Cl. 428-503.000.
Roe, Jonas L., to Terradyne Limited. Gimbal mounted on frame with heavy metal plate sides. 4,516,338, 5-14-85, Cl. 37-4.000.
Roe, Richard D., to Boeing Company, The. Ultralight composite wing structure. 4,538,780, 9-3-85, Cl. 244-123.000.
Roe, William J.; and Perisho, Jacqueline L., to Nalco Chemical Company. Dewatering agent compositions for sulfide materials. 4,532,049, 7-30-85, Cl. 210-728.000.
Roe, William J.. *See—*
  Sykes, Robert C.; Connelly, Lawrence J.; and Roe, William J., 4,555,329, Cl. 209-5.000.
Roebke, Wolfgang: *See—*
  Strack, Hans; Roebke, Wolfgang; Kneitel, Dieter; and Parr, Ehrfried, 4,551,322, Cl. 423-329.000.
Roebuck, Malcolm J., to Bagde-A-Minit Ltd. Button assembler. 4,532,684, 8-6-85, Cl. 29-4.000.
Roeder, Allan W., to United States of America, Air Force. Simultaneous detection of time coincident signals in an adaptive doppler tracker. 4,513,428, 4-23-85, Cl. 375-120.000.
Roeder, Allan W., to United States of America, Air Force. Sample data phase locked loop for adaptive doppler tracker. 4,513,429, 4-23-85, Cl. 375-120.000.
Roeder, Charles L.; Siefert, William J.; and Theijsmeijer, Frederik, to Rexnord Inc. Method for coating the inside of pipe. 4,515,832, 5-7-85, Cl. 427-233.000.
Roeder, George K. Piston and valve assembly. 4,544,335, 10-1-85, Cl. 417-401.000.
Roeder, Gerald M., to United States Steel Corporation. Method for the production of spike-free sheets. 4,503,696, 3-12-85, Cl. 72-197.000.
Roeder, Malcholm O. Medication dispenser. 4,495,958, 1-29-85, Cl. 132-113.000.
Roeder, Robert J., to Kimberly-Clark Corporation. Sanitary napkin with multi-configurational capabilities. 4,505,704, 3-19-85, Cl. 604-385.000.
Roeder, Robert S.; and Sterghos, Peter M., to Sperry Corporation. Apparatus for rapid switch conical scan feed. 4,551,728, 11-5-85, Cl. 343-761.000.
Roehl, Ernest O. Method of extracting perchlorethylene from dry cleaner filter cartridges. 4,500,363, 2-19-85, Cl. 134-10.000.
Roehl, Ernst-Ludwig, to Naarden International N.V. Process for the preparation of air-refreshing gels as well as the obtained gels. 4,561,997, 12-31-85, Cl. 252-522.00A.
Roehrig, Frederick K., to Owens-Corning Fiberglas Corporation. Creep resistant dispersion strengthened metals. 4,507,156, 3-26-85, Cl. 148-11.50P.
Roehringer, Arno, to Daimler-Benz Aktiengesellschaft. Power steering system. 4,531,602, 7-30-85, Cl. 180-143.000.
Roehrs, Robert E.: *See—*
  Garabedian, Michael E.; and Roehrs, Robert E., 4,550,022, Cl. 424-127.000.
  Han, Wesley W.; and Roehrs, Robert E., 4,559,343, Cl. 514-264.000.
Roeland, Robert H.: *See—*
  Ray, Valton O.; Roeland, Robert H.; Potter, Carl H.; and Szmuilowicz, Yehuda I., 4,492,557, Cl. 425-72.00S.
Roelants, Marc M. M., to U.S. Philips Corporation. Switching device for light beams. 4,491,393, 1-1-85, Cl. 350-388.000.
Roelevink, Bauke J.: *See—*
  Giller, Henricus F. J. I.; van Hees, Antonius J. M.; and Roelevink, Bauke J., 4,506,185, Cl. 313-113.000.
Roelofs, Johannes C. M.: *See—*
  van der Sluys, Willem L. N.; Pastoor, Jacobus; and Roelofs, Johannes C. M., 4,548,129, Cl. 99-281.000.
Roemer, Dietmar: *See—*
  Zeugner, Horst; Roemer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,533,662, Cl. 514-221.000.
Roemer, Karl H.: *See—*
  Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.
Roemmele, Carl F.; and Ekland, Joseph D., to Federal-Mogul Corporation. Abrasive cutting wheel for cutting rock-like material. 4,550,708, 11-5-85, Cl. 125-15.000.
Roentgen, Paul; Krumm, Helmut; Lenzen, Gunter; and Schilde, Heinz, to Saint-Gobain Vitrage. Inner lamina, and process for manufacture, for vehicle windshield. 4,554,199, 11-19-85, Cl. 428-194.000.
Roentgen, Paul; Krumm, Helmut; Krasborn, Gottfried; and Lenzen, Gunter, to Saint-Gobain Vitrage. Process for installation and removal of glass pane from a frame. 4,555,607, 11-26-85, Cl. 219-10.570.
Roerig, Arnold J.; and Schroeder, Robert W., to Beloit Corporation. Slice lip adjustment. 4,517,056, 5-14-85, Cl. 162-344.000.
Roes, Christian: *See—*
  Jung, Eggert; Roes, Christian; Wigger, Andreas; and Ziemen, Ernst-August, 4,561,016, Cl. 358-76.000.
Roes, John B.; Kelly, Guy M.; Case, Robert F.; and Deming, Chandler R., to Cubic Western Data. Modularized ticket handling system for use in automatic ticket preparation system. 4,535,892, 8-20-85, Cl. 209-3.300.
Roesch, Egon: *See—*
  Wiedemann, Fritz; Kampe, Wolfgang; Thiel, Max; Sponer, Gisbert; Roesch, Egon; and Dietmann, Karl, 4,503,067, Cl. 514-411.000.
Roeschlein, Rolf, to Nixdorf Computer AG. Method for the manufacture of a multi-polar contact strip. 4,521,961, 6-11-85, Cl. 29-884.000.
Roeschlein, Rolf: *See—*
  Tewes, Udo; and Roeschlein, Rolf, 4,542,949, Cl. 339-75.00M.
Roesems, Dirk: *See—*
  Schutz, Matthias; Sivers, Rolf V.; Roesems, Dirk; and Rebmann, Rolf, 4,535,964, Cl. 248-607.000.
Roeske, Roger W., to Salk Institute for Biological Studies, The. GnRH antagonists. 4,547,370, 10-15-85, Cl. 514-15.000.
Roesler, Michael L.: *See—*
  Fattal, Jean A.; and Roesler, Michael L., 4,536,685, Cl. 318-254.000.
Roesler, Richard F., to NL Industries, Inc. Surveying of boreholes using shortened non-magnetic collars. 4,510,696, 4-16-85, Cl. 33-304.000.
Roesner, Raymond E.; and Sloan, Mark L., to Dresser Industries, Inc. Method and apparatus for determining flow characteristics within a well. 4,507,552, 3-26-85, Cl. 250-259.000.
Roeth, Kenneth M.; and Ihm, Gerald J., to Deere & Company. Means of securing an axle to frame. 4,540,220, 9-10-85, Cl. 301-125.000.
Roets, Sarel D., to Silverton Tannery Limited. Method of clarifying proteinaceous waste water containing solid impurities. 4,559,146, 12-17-85, Cl. 210-705.000.
Roettele, Donald L.: *See—*
  Hoy, Walter S.; and Roettele, Donald L., 4,549,379, Cl. 52-200.000.
Roettgen, Leslie A.; Webber, Beth A.; Brooks, Robert M.; and Layman, Robert J., to Cummins Engine Company, Inc. Low flow cooling system and apparatus. 4,520,767, 6-4-85, Cl. 123-41.100.
Roettgen, Leslie A.: *See—*
  DeVore, James R.; and Roettgen, Leslie A., 4,512,300, Cl. 123-196.0AB.
Rofer, David: *See—*
  Goodman, David S.; Selvin, Gerald J.; Naus, Hubert W.; Rofer, David; and McNutt, Randy A., 4,544,224, Cl. 339-89.00M.
Roff, Robert W. Valve. 4,520,839, 6-4-85, Cl. 137-202.000.
Roffi, Roberto: *See—*
  Manservisi, Renato; and Roffi, Roberto, 4,530,199, Cl. 53-53.000.
Roffler, Werner: *See—*
  Langenegger, Urs; Roffler, Werner; and Rutsche, Wendolin, 4,516,509, Cl. 108-147.000.
Rogen, Neil E.; and Adnyana, Dewa N., to Memory Metals, Inc. Packing tool apparatus for sealing well bores. 4,515,213, 5-7-85, Cl. 166-123.000.
Roger, Bernard P.; and Vertongen, Bernard, to U.S. Philips Corporation. CMOS-bipolar Darlington device. 4,547,791, 10-15-85, Cl. 357-43.000.
Roger Bullivant Inc.: *See—*
  Bullivant, Roger A., 4,548,526, Cl. 405-233.000.
Roger, Guy-Roland: *See—*
  Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.
Roger, Harry. High and low pressure sensor. 4,512,370, 4-23-85, Cl. 137-625.660.
Roger, Jean, to Peugeot Outillage Electrique. Electric drilling machine. 4,536,688, 8-20-85, Cl. 318-490.000.
Roger Liot, S.A.: *See—*
  Liot, Roger, 4,524,082, Cl. 426-312.000.
  Liot, Roger, 4,524,083, Cl. 426-330.100.
Roger, Loic: *See—*
  Brule, Gerard; Roger, Loic; Fauquant, Jacques; and Piot, Michel, 4,495,176, Cl. 424-128.000.
Roger, Paul: *See—*
  Lyskawa, Edmond; Roger, Paul; Marquis, Jean; and Canivez, Etienne, 4,545,860, Cl. 201-41.000.
Rogers, Alfred N.: *See—*
  Awerbuch, Leon; and Rogers, Alfred N., 4,502,285, Cl. 60-641.500.
Rogers, Alvin J.: *See—*
  Fishman, Herbert; and Rogers, Alvin J., 4,539,069, Cl. 156-640.000.
Rogers, Bernard J. D. Fishing line clip. 4,538,373, 9-3-85, Cl. 43-43.120.
Rogers, Bernard J. D. Articulated mounting means for poles, antennas and the like. 4,545,557, 10-8-85, Cl. 248-516.000.
Rogers, Brian H.; and Tucker, Paul A., to Normalair-Garrett (Holdings) Limited. Gas flow controllers for aircraft molecular sieve type gas separation systems. 4,537,607, 8-27-85, Cl. 55-163.000.
Rogers, Charles J.: *See—*
  Gesing, Adam J.; McIntyre, John; Vandermeulen, Meine; Cambridge, Edward L.; and Rogers, Charles J., 4,551,218, Cl. 204-240.000.
  Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., 4,505,796, Cl. 204-243.00R.
Rogers, Colin C.; Baker, John N.; and Estebanez, Joseph, to Shell Oil Company. Method and system for tank overfill protection. 4,537,212, 8-27-85, Cl. 137-2.000.
Rogers Corporation: *See—*
  Fishman, David S., 4,499,519, Cl. 361-306.000.
  Gottlieb, Michael M.; and Fishman, David S., 4,491,895, Cl. 361-306.000.
  Gottlieb, Michael M.; Fishman, David S.; and Buysse, Henri, 4,497,012, Cl. 361-306.000.

Gottlieb, Michael M., 4,511,951, Cl. 361-433.000.
Harper, William P., 4,515,999, Cl. 200-5.00A.
Jodoin, Raymond C., 4,502,101, Cl. 361-386.000.
Maine, Richard L., 4,515,739, Cl. 264-45.300.
McMonagle, Rodger P., 4,525,247, Cl. 204-24.000.
Prioux, Jean-Jacques; Meleard, Roger; Pioger, Michel; and Lasvaladas, Jean-Jacques, 4,499,343, Cl. 200-5.00A.
Rodrique, Leo J., 4,492,829, Cl. 200-5.00A.
Schilling, Donald P., 4,494,170, Cl. 361-306.000.
Schilling, Donald P., 4,532,572, Cl. 361-306.000.
Simpson, Scott S.; Yeznach, Anthony; and Barton, Carlos L., 4,546,118, Cl. 521-130.000.
Traut, G. Robert, 4,518,737, Cl. 524-413.000.
Watson, William A., 4,494,169, Cl. 361-306.000.
Woelfel, Robert, 4,520,248, Cl. 200-340.000.

Rogers, Curtis F., Jr. Automatic indicator for tower lights. 4,518,963, 5-21-85, Cl. 340-981.000.

Rogers, David J., to Crystaplex Plastics Ltd. Corrosive resistant grid construction for a suspended ceiling. 4,559,751, 12-24-85, Cl. 52-665.000.

Rogers, David P.; and Geisel, Donald J., to Testamatic, Incorporated. High speed, low mass, movable probe and/or instrument positioner, tool and like items suitable for use in a controlled environment chamber. 4,527,119, 7-2-85, Cl. 324-158.00F.

Rogers, Donald E., Jr.: *See—*
Eloranta, Vaito K.; Peisach, Joel M.; and Rogers, Donald E., Jr., 4,534,053, Cl. 378-167.000.

Rogers, Donald G., to Sprague Electric Company. Cathode for an electrolytic capacitor. 4,523,255, 6-11-85, Cl. 361-433.000.

Rogers, Douglas J., to Ferranti Limited. Position encoder. 4,524,347, 6-18-85, Cl. 340-347.00P.

Rogers, E. Mark. Staple remover. 4,513,951, 4-30-85, Cl. 254-28.000.

Rogers, Elmer V., Jr., to Pipe Line Development Company, The. Fitting installation device. 4,535,822, 8-20-85, Cl. 138-99.000.

Rogers, Ernest E., to Felt Products Mfg. Co. Wind energy conversion system. 4,495,423, 1-22-85, Cl. 290-44.000.

Rogers, Eugene A. Damage prevention void filler for separating loads during transit. 4,494,897, 1-22-85, Cl. 410-154.000.

Rogers Foam Corporation: *See—*
Jalbert, Robert A.; Galcenski, Anthony P., Jr.; and Urmson, Charles C., 4,513,518, Cl. 36-44.000.

Rogers, Frank S. Arc metal spray apparatus and method. 4,512,513, 4-23-85, Cl. 239-8.000.

Rogers, George T.: *See—*
Severance, Wayne S. Jr.; and Rogers, George T., 4,521,666, Cl. 217-121.0PY.

Rogers, Gerald: *See—*
Koeppen, Peter L.; Rogers, Gerald; Brown, Sammy K.; and Solimeno, Duane, 4,491,907, Cl. 364-200.000.
Solimeno, Duane; Koeppen, Peter L.; Rogers, Gerald; and Brown, Sammy K., 4,517,656, Cl. 364-900.000.

Rogers, Gerald D.; Koeppen, Peter L.; Brown, Sammy K.; and Solimeno, Duane, to Texas Instruments Incorporated. Dual registry digital processor system with external memory interface. 4,530,047, 7-16-85, Cl. 364-200.000.

Rogers, Harold D.: *See—*
Eggebrecht, John L.; Rogers, Harold D.; and Yorozu, Arthur S., 4,517,813, Cl. 62-284.000.

Rogers, Howard G., to Polaroid Corporation. Variable focus elastomeric lens system. 4,514,048, 4-30-85, Cl. 350-423.000.

Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., to Polaroid Corporation. Optical device including birefringent aromatic amino carboxylic acid polymer. 4,520,189, 5-28-85, Cl. 528-331.000.

Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., to Polaroid Corporation. Optical device including birefringent polyhydrazide polymer. 4,521,588, 6-4-85, Cl. 528-363.000.

Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., to Polaroid Corporation. Optical device including birefringent polymer. 4,525,413, 6-25-85, Cl. 428-212.000.

Rogers, Jane W.: *See—*
Bair, Wallace C.; Myers, Daryl L.; and Rogers, Jane W., 4,547,644, Cl. 219-10.49R.

Rogers, Jerrold J.; and Sirotiak, Judd L., to Tektronix, Inc. Automatic control circuit for a current translating device. 4,529,928, 7-16-85, Cl. 323-280.000.

Rogers, Jerrold J.; and Trumps, Joseph S., to Tektronix, Inc. Stepping motor drive circuit. 4,533,861, 8-6-85, Cl. 318-696.000.

Rogers, Jerrold J., to Tektronix, Inc. Method and apparatus for modulating the recording rate of an image on the recording media of a line scan graphic recorder with the velocity of the recording media. 4,551,732, 11-5-85, Cl. 346-110.00R.

Rogers, Jerrold J.: *See—*
Radochonski, Pierre; Kniffin, John M.; Eriksen, Joern B.; Rogers, Jerrold J.; and Gellatly, William W., 4,560,989, Cl. 346-1.100.

Rogers, Jerry L. Carburetor attachment. 4,518,542, 5-21-85, Cl. 261-34.00R.

Rogers, Jerry W.: *See—*
Speer, Billy L.; Burris, Lee R.; and Rogers, Jerry W., 4,525,152, Cl. 474-133.000.

Rogers, John, to Dynamelt Limited. Liquefying hot melt adhesive. 4,505,669, 3-19-85, Cl. 432-13.000.

Rogers, John; and White, Malcolm J., to Chubb & Son's Lock and Safe Company Limited. Security lock for sliding doors. 4,534,191, 8-13-85, Cl. 70-116.000.

Rogers, John R.: *See—*
Armstrong, Maclay M.; Rogers, John R.; and Houser, Steven A., 4,553,932, Cl. 433-4.000.

Rogers, Larry K., to American Standard Inc. Hydraulic cylinder locking device. 4,524,676, 6-25-85, Cl. 91-43.000.

Rogers, Lloyd W., Jr.; Pilarski, Regis V.; and Blake, Thomas B., to General Motors Corporation. Inertia release for belt retractor winding prevention mechanism. 4,540,137, 9-10-85, Cl. 242-107.600.

Rogers, Mario: *See—*
Zuber, Pierre A.; and Rogers, Mario, 4,562,543, Cl. 364-426.000.

Rogers, Mark C.: *See—*
Gill, Michael; and Rogers, Mark C., 4,529,831, Cl. 136-248.000.
Gill, Michael; and Rogers, Mark C., 4,543,946, Cl. 126-438.000.
Gill, Michael T.; and Rogers, Mark C., 4,561,424, Cl. 126-438.000.

Rogers, Mary L., administrator: *See—*
Rogers, Randall, deceased, 4,554,781, Cl. 56-235.000.

Rogers, Michael J.; and McMurtry, David R., to Renishaw Electrical Limited. Position sensing apparatus. 4,523,383, 6-18-85, Cl. 33-558.000.

Rogers, Morris A.: *See—*
Rispoli, Joseph M.; Rogers, Morris A.; Sergenian, Haig H.; Swartley, John S.; and Topalian, Harry, 4,496,601, Cl. 426-554.000.

Rogers, Noel A., to International Medical Electronics, Ltd. Method and apparatus for operating dual diathermy applicator heads in close proximity to one another. 4,510,937, 4-16-85, Cl. 128-422.000.

Rogers, Peter R., to TRW Cam Gears Limited. Method of making valve sleeves. 4,543,813, 10-1-85, Cl. 72-356.000.

Rogers, Philip L., to Lockheed Corporation. Compact radiation fringe velocimeter for measuring in three dimensions. 4,506,979, 3-26-85, Cl. 356-28.500.

Rogers, Phillip P., to Phillip P. Rogers & Faye Rogers Living Trust; and Uatar DTD., Phillip P. Rogers & Faye Rogers, co-trustees. Connector for ambulatory dialysis system. 4,551,146, 11-5-85, Cl. 604-403.000.

Rogers, Randall, deceased (by Rogers, Mary L., administrator), to Aerial Solutions, Inc. Airborne tree trimmer. 4,554,781, 11-26-85, Cl. 56-235.000.

Rogers, Richard B.; and Gerwick, B. Clifford, III, to Dow Chemical Company, The. Fluorophenoxyphenoxypropionates and derivatives thereof. 4,550,192, 10-29-85, Cl. 560-62.000.

Rogers, Richard B.: *See—*
Arndt, Kim E.; Rogers, Richard B.; and McCormick, Ronald W., 4,522,642, Cl. 71-11.000.
Arndt, Kim E.; McCormick, Ronald W.; and Rogers, Richard B., 4,523,940, Cl. 71-11.000.
Arndt, Kim E.; Rogers, Richard B.; and McCormick, Ronald W., 4,545,803, Cl. 71-27.000.
McCormick, Ronald W.; and Rogers, Richard B., 4,545,802, Cl. 71-27.000.

Rogers, Robert B.: *See—*
Giles, Michael K.; and Rogers, Robert B., 4,511,219, Cl. 350-388.000.

Rogers, Robert M.; Treiber, Fritz F.; and Bowers, Russell E., to Hobart Corporation. Film supply monitor for film wrapping machine. 4,501,105, 2-26-85, Cl. 53-64.000.

Rogers, Russell L., to Aeroquip Corporation. Balanced valve coupling. 4,540,021, 9-10-85, Cl. 137-614.050.

Rogers, Russell L., to Aeroquip Corporation. Breakaway fluid system. 4,549,575, 10-29-85, Cl. 137-614.030.

Rogers, Russell L., to Aeroquip Corporation. Axial flow pressure regulator. 4,561,465, 12-31-85, Cl. 137-614.050.

Rogers, Russell L.: *See—*
Fournier, Paul J. E.; and Rogers, Russell L., 4,549,440, Cl. 73-863.850.

Rogers, Scott A. Analogue dial calculator/wrist watch. 4,552,464, 11-12-85, Cl. 368-10.000.

Rogers, Terrence E., to General Electric Company. Digital automatic frequency control with tracking. 4,498,191, 2-5-85, Cl. 455-164.000.

Rogers, Terrence E.: *See—*
Bonneau, Paul; Holshouser, Howard E.; and Rogers, Terrence E., 4,510,623, Cl. 455-181.000.

Rogers, Thomas A.: *See—*
Clouthier, Richard S.; and Rogers, Thomas A., 4,555,171, Cl. 355-3.0CH.

Rogers, Thomas E.: *See—*
Coleman, James P.; Hallcher, Richard C.; Rogers, Thomas E.; and McMackins, Dudley E., 4,526,990, Cl. 549-326.000.

Rogers, Thurmond J., Jr. Board game affording competitive challenge among players. 4,497,490, 2-5-85, Cl. 273-249.000.

Rogers, Tommie: *See—*
Callegari, Stephen R., Sr.; and Rogers, Tommie L., 4,512,216, Cl. 81-57.170.

Rogers, Tommie L.: *See—*
Callegari, Stephen R., Sr.; and Rogers, Tommie L., 4,512,216, Cl. 81-57.170.

Rogers, Walter C., Jr., to Parma Corporation. Trigger release mechanism for reclining chair. 4,494,793, 1-22-85, Cl. 297-85.000.

Rogers, Walter C., Jr., to Parma Corporation. Rocker-recliner chair. 4,519,647, 5-28-85, Cl. 297-85.000.

Rogers, Walter C., Jr., to Parma Corporation. Recliner chair incorporating linkage and track systems. 4,531,778, 7-30-85, Cl. 297-85.000.

Rogers, Walter C., Jr., to Parma Corporation. Rocking chair. 4,536,029, 8-20-85, Cl. 297-281.000.

Rogers, Walter C., Jr., to Parma Corporation. Rocking and recliner chairs. 4,544,201, 10-1-85, Cl. 297-271.000.

Rogers, William: *See—*
Taylor, Donald K.; Rogers, William; McGary, Vernon; and Lenart, Peter, 4,559,970, Cl. 137-557.000.

Rogers, William R.; and Liescheidt, Duane B., to Gerber Products Company. Equal spacing positioning apparatus. 4,545,125, 10-8-85, Cl. 33-572.000.

Rogers, William S. Flower tote. 4,534,130, 8-13-85, Cl. 47-66.000.

Rogerson, Alan G., to Sterling Drug Inc. Process for preparing granulate containing poorly compressible medicinally active matter. 4,562,024, 12-31-85, Cl. 264-117.000.

Roggeman, David M.; Malani, Shrikant R.; and Kang, Jung W., to Firestone Tire & Rubber Company, The. Continuous method for preparing high cis-1,4 polybutadiene. 4,501,866, 2-26-85, Cl. 526-133.000.

Roggen, Rolf, to Swiss Aluminium Ltd. Process and device for feeding metal into a molten metal bath. 4,540,434, 9-10-85, Cl. 75-93.00R.

Roggenkamp, Hans-Gunther: *See—*
Kiesewetter, Holger; Myrenne, Heinz; and Roggenkamp, Hans-Gunther, 4,521,729, Cl. 324-71.100.
Kiesewetter, Holger; Jung, Friedrich; and Roggenkamp, Hans-Gunther, 4,554,821, Cl. 73-55.000.

Roggero, Bruno: *See—*
Dotti, Giulio; and Roggero, Bruno, 4,527,592, Cl. 137-625.610.

Roggeveen, Hans D. H., to IHC Holland N.V. Hopper barge with bottom flaps and a suction channel. 4,548,147, 10-22-85, Cl. 114-36.000.

Rogghe, Hugo: *See—*
Cozac, Daniel; and Rogghe, Hugo, 4,505,781, Cl. 156-640.000.

Rogic, Milorad M.: *See—*
Anello, Louis G.; Van Der Puy, Michael; Hendrickson, Larry L.; Rogic, Milorad M.; Swerdloff, Michael D.; and Kolc, Jaroslav F., 4,517,002, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,003, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,005, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,528,020, Cl. 71-28.000.
Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; Hendrickson, Larry L.; and Van Der Puy, Michael, 4,530,714, Cl. 71-28.000.
Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,004, Cl. 71-28.000.
Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,007, Cl. 71-28.000.
Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,518,413, Cl. 71-28.000.
Swerdloff, Michael D.; Van Der Puy, Michael; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,539,037, Cl. 71-28.000.
Van Der Puy, Michael; Kolc, Jaroslav F.; Anello, Louis G.; Hendrickson, Larry L.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,537,614, Cl. 71-28.000.
Van Der Puy, Michael; Hendrickson, Larry L.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,540,428, Cl. 71-28.000.

Rogier, Edgar R.: *See—*
Gladfelter, Elizabeth J.; Rogier, Edgar R.; and DiDomenico, Edward D., 4,535,148, Cl. 528-365.000.
Peerman, Dwight E.; and Rogier, Edgar R., 4,496,487, Cl. 260-404.000.
Peerman, Dwight E.; and Rogier, Edgar R., 4,534,907, Cl. 260-410.600.
Peerman, Dwight E.; and Rogier, Edgar R., 4,543,369, Cl. 521-137.000.

Rogier, Leonce, to Valeo. Wheel hub assembly with integrated reduction gear and brake mechanism. 4,496,017, 1-29-85, Cl. 180-70.100.

Rogier, Leonce, to SO.M.A. Europe Transmission; and Societe Nouvelle Mecanique et Automobile. Wheel hub with reduction gear and multiple disc brake. 4,540,073, 9-10-85, Cl. 192-4.00A.

Rogister, Carl, to Goodyear Tire & Rubber Company, The. Apparatus and method for making metallic cord. 4,509,317, 4-9-85, Cl. 57-58.320.

Rogler, Wolfgang; Markert, Helmut; Kretzschmar, Klaus; and Piecha, Gerhard, to Siemens Aktiengesellschaft. Heat-hardenable reaction resin mixtures comprising polyfunctional epoxide, polyisocyanate prepolymer and a reaction accelerator which is either a tertiary amine or an imidazole. 4,562,227, 12-31-85, Cl. 524-786.000.

Rognoni, Antonio. Device for filling a pipe with fluids, for emptying fluids from a pipe and for drying a pipe. 4,494,584, 1-22-85, Cl. 141-98.000.

Rogo, Casimir; and Urbani, Aldo. Drum pump. 4,531,886, 7-30-85, Cl. 415-90.000.

Rogo, Casimir; and Lenz, Herman N., to Teledyne Industries, Inc. Variable geometry device for turbine compressor outlet. 4,544,325, 10-1-85, Cl. 415-150.000.

Rogo, Casimir; and Lenz, Herman N., to Teledyne Industries, Inc. Turbine engine variable geometry device. 4,552,308, 11-12-85, Cl. 239-457.000.

Rogoff, Robert. Blood sugar level sensing and monitoring transducer. 4,538,616, 9-3-85, Cl. 128-632.000.

Rogstadius, Ivan. Method for obtaining an accurate concentric fastening of an optical fibre in a connector. 4,519,672, 5-28-85, Cl. 350-96.200.

Rohatgi, Ajeet; Rai-Choudhury, Prosenjit; Gigante, Joseph R.; Singh, Ranbir; and Fonash, Stephen J., to Westinghouse Electric Corp. Low temperature process for annealing shallow implanted N+/P junctions. 4,522,657, 6-11-85, Cl. 148-1.500.

Rohatyn, Frederick. Power factor correction system. 4,554,502, 11-19-85, Cl. 323-208.000.

Rohde, Erwin: *See—*
Eberhardt, Wolfgang; Hoffmann, Dietrich; Kriechbaum, Karl; and Rohde, Erwin, 4,521,654, Cl. 200-146.00R.

Rohde, Gunter; Holzinger, Dieter; and Grossmann, Udo, to J. M. Voith GmbH. Continuous web winder. 4,546,930, 10-15-85, Cl. 242-56.00R.

Rohde, John R.; and Pitt, John M., to Iowa State University Research Foundation, Inc. Bore hole rock shear tester and method for using same. 4,557,147, 12-10-85, Cl. 73-784.000.

Rohde, Ottmar: *See—*
Riediker, Martin; Rohde, Ottmar; Roth, Martin; and Buhler, Niklaus, 4,548,891, Cl. 430-283.000.

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Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.

Rohde, Robert S.: *See—*
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Rohde & Schwarz GmbH & Co. KG: *See—*
Lange, Wolf-Ruediger; Wessel, Anton; Bohler, Udo; Volkheimer, Klaus; Greiner, Gunter; and Islet, Peter, 4,555,806, Cl. 455-62.000.
Zirwick, Kurt, 4,533,866, Cl. 324-77.00B.

Rohde, Siegfried: *See—*
Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, 4,562,544, Cl. 364-431.110.

Rohde, Thomas; and Caspers, Friedhelm, to Elektro Physik Hans Nix & Dr. Erich Steingroever. Process and device for the nondestructive measurement of material accumulations or coating thicknesses on dielectric materials, in particular plastic. 4,520,308, 5-28-85, Cl. 324-58.50R.

Rohdin, Freddie L., to Aktiebolaget Electrolux. Two pole reluctance motor with non uniform pole shape for better starting. 4,506,182, 3-19-85, Cl. 310-193.000.

Rohler, Manfred: *See—*
Witte, Hans-Hermann; and Rohler, Manfred, 4,543,666, Cl. 455-612.000.

Rohlfing, Raymond A.: *See—*
Peltzman, William S.; Rohlfing, Raymond A.; and Gates, Charles C., Jr., 4,537,736, Cl. 264-130.000.

Rohlfing, Raymond G.; and Martin, Laura A., to Phillips Petroleum Company. Rotary valve. 4,501,286, 2-26-85, Cl. 137-15.000.

Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, to Benckiser-Knapsack GmbH. N-(hydroxy methyl)-1-amino alkane-1,1-diphosphonic acids as stabilizing agents in peroxide-containing bleaching baths. 4,510,068, 4-9-85, Cl. 252-186.290.

Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, to Benckiser-Knapsack GmbH. Method for bleaching cellulose fibers with N-(hydroxy methyl)-1-amino alkane-1,1-diphosphonic acid stabilized peroxide-containing bleaching baths. 4,526,582, 7-2-85, Cl. 8-107.000.

Rohlicek, Vojtech; Hruby, Jaroslav; Nohavica, Dusan; Hrdlicka, Jan; Vykouk, Vlastimil; and Kubec, Frantisek, to Ceskoslovenska akademie ved. Apparatus for stimulating acupuncture points by light radiation. 4,535,784, 8-20-85, Cl. 128-735.000.

Rohlik, John W. Crop guiding attachment for a combine divider. 4,550,555, 11-5-85, Cl. 56-314.000.

Rohling, Wilhelm: *See—*
Ernst, Hans-Otto; and Rohling, Wilhelm, 4,511,955, Cl. 362-347.000.

Rohm Company Limited: *See—*
Yamauchi, Yoshio, 4,547,830, Cl. 361-104.000.

Rohm, Ernst, to Messer Griesheim GmbH. Protective device for the welding circuit of welding power sources. 4,507,699, 3-26-85, Cl. 361-50.000.

Rohm GmbH: *See—*
Arndt, Peter J.; Muller, Manfred; Schlosser, Fritz; and Wenzel, Franz, 4,517,380, Cl. 564-206.000.
Arndt, Peter J.; Ludwig, Walter; Munzer, Manfred; Siol, Werner; and Wenzel, Franz, 4,521,567, Cl. 525-261.000.
Besecke, Siegmund; Schroder, Gunter; Ude, Werner; and Wunderlich, Winfried, 4,492,805, Cl. 568-012.000.
Besecke, Siegmund; Siegert, Hermann-Josef; and Schroder, Gunter, 4,504,675, Cl. 560-233.000.
Dinklage, Horst; Fink, Herbert; and Wolf, Hans-Peter, 4,525,418, Cl. 428-264.000.
Elser, Wilhelm; Huebner, Klaus; Siol, Werner; Mager, Theodor; and Wicke, Michael, 4,542,171, Cl. 523-201.000.
Fink, Herbert; Huebner, Klaus; Markert, Gerhard; and Suetterlin, Norbert, 4,542,175, Cl. 524-516.000.
Hanstein, Friedrich; and Szigeti, Peter R., 4,490,948, Cl. 51-358.000.
Heil, Ernst; Wenzel, Franz; Arndt, Peter J.; and Schellhaas, Walter, 4,543,383, Cl. 524-458.000.
Hosch, Ludwig, 4,550,136, Cl. 524-718.000.
Kolbe, Klaus; Hellmann, Walter; Krajec, Otmar; Schikowsky, Hartmut; and Vetter, Heinz, 4,515,648, Cl. 156-196.000.
Kramer, Dieter; Pennewiss, Horst; Plainer, Hermann; Schnee, Reiner; and Schleier, Waldemar, 4,511,694, Cl. 525-54.100.

  Lehmann, Klaus; Dreher, Dieter; Rauch, Hubert; and Siol, Werner, 4,520,172, Cl. 525-369.000.
  Liebler, Ralf, 4,495,322, Cl. 524-198.000.
  Muramatsu, Toshio; Totani, Nagao; and Mangold, Helmut K., 4,517,297, Cl. 435-128.000.
  Quis, Peter; Siol, Werner; Buechse, Joachim; and Rauch, Hubert, 4,558,084, Cl. 524-294.000.
  Schnee, Reiner; and Masanek, Jurgen, 4,521,552, Cl. 523-313.000.
  Scordialo, Angelo, 4,548,719, Cl. 210-732.000.
  Siol, Werner; Rauch, Hubert; and Fleck, Guenter, 4,535,137, Cl. 526-216.000.
  Siol, Werner; Klesse, Wolfgang; Suetterlin, Norbert; and Rauch, Hubert, 4,539,361, Cl. 524-458.000.
  Suetterlin, Norbert; Arndt, Peter J.; Heil, Ernst; Siol, Werner; Tilch, Willi; and Wopker, Wilhelm, 4,513,118, Cl. 525-81.000.
Rohm GmbH Chemische Fabrik: *See—*
  Besecke, Siegmund; and Schroder, Gunter, 4,562,234, Cl. 526-241.000.
  Heescher, Felix, 4,536,997, Cl. 52-86.000.
  Kaube, Peter; Schanz, Karl-Heinz; Vetter, Heinz; and Muller, Jens, 4,513,048, Cl. 428-188.000.
Rohm, Gunter H. Actuator for power chuck. 4,493,242, 1-15-85, Cl. 91-1.000.
Rohm, Gunter H. Hydraulic power mandrel. 4,502,703, 3-5-85, Cl. 279-2.00A.
Rohm, Gunter H. Jaw position and/or force detector for power chuck. 4,536,000, 8-20-85, Cl. 279-1.00R.
Rohm and Haas Company: *See—*
  Amick, David R., 4,505,889, Cl. 424-21.000.
  Amick, David R., 4,552,752, Cl. 424-21.000.
  Baus, Richard E.; and Swift, Graham, 4,501,845, Cl. 524-460.000.
  Bayer, Horst O.; Swithenbank, Colin; and Yih, Roy Y., 4,515,988, Cl. 568-586.000.
  Bollinger, Joseph M., 4,533,482, Cl. 252-56.00R.
  Cholod, Michael S., 4,547,563, Cl. 528-173.000.
  Costerton, J. W., 4,542,169, Cl. 523-121.000.
  Coyle, Robert W., 4,554,054, Cl. 203-15.000.
  DeWitt, Walter G.; and Gill, Robert A., 4,529,465, Cl. 156-277.000.
  Dunkelberger, David L., 4,539,375, Cl. 525-260.000.
  Gerhold, Norman R., 4,549,903, Cl. 71-116.000.
  Gleim, Robert D.; and de Grandpre, Mark P., 4,524,121, Cl. 430-176.000.
  Hann, William M.; DuPre, Jean; and Natoli, John, 4,517,098, Cl. 210-701.000.
  Hann, William M.; and Natoli, John, 4,530,766, Cl. 210-701.000.
  Hughes, Kathleen A.; and Swift, Graham, 4,547,556, Cl. 526-75.000.
  Hutton, Thomas W.; and Lavelle, Joseph A., 4,507,454, Cl. 526-317.000.
  Isacoff, Eric G.; and Neely, James W., 4,537,683, Cl. 210-667.000.
  Kelley, Everett J., 4,523,028, Cl. 560-199.000.
  Kielbania, Andrew J., Jr., 4,507,342, Cl. 428-90.000.
  Kollman, Gerald E., 4,508,559, Cl. 71-83.000.
  Kuhn, Robert R.; Whiteman, John D.; and Brendley, William H., Jr., 4,515,835, Cl. 427-388.300.
  Meitzner, Erich F.; and Oline, James A., 4,501,826, Cl. 521-29.000.
  Moore, Thomas S.; and Pennington, Delmas B., 4,505,972, Cl. 428-220.000.
  Prentiss, William C.; and Price, David N., 4,526,581, Cl. 8-94.330.
  Rothman, Alan M., 4,514,504, Cl. 436-85.000.
  Rounds, Nicholas A., 4,514,439, Cl. 427-54.100.
  St. John, Frank; and Martin, Wayne, 4,548,879, Cl. 427-96.000.
  Schindler, Frederick J.; and Fulton, Raymond L., Jr., 4,556,701, Cl. 526-282.000.
  Smolanoff, Joel R., 4,507,291, Cl. 514-278.000.
  Smolanoff, Joel R.; Fitzpatrick, J. Michael; and Ollinger, Janet, 4,544,553, Cl. 514-92.000.
  Zdanowski, Richard E.; and Owens, Joseph M., 4,517,330, Cl. 524-408.000.
Rohm-Optik GmbH: *See—*
  Gutbrod, Heinz, 4,529,279, Cl. 351-137.000.
Rohmer, Daniel J.: *See—*
  Greslin, Bernard P.; and Rohmer, Daniel J., 4,498,234, Cl. 29-785.000.
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Rohn, Charles L., to Mobil Oil Corporation. Biaxially oriented films of butene-1 homopolymer and copolymers. 4,551,514, 11-5-85, Cl. 526-348.100.
Rohner, Benedikt, to Biella-Neher AG. Filing case. 4,545,484, 10-8-85, Cl. 206-425.000.
Rohner, Joachim, to W. Schlafhorst & Co. Device for collecting spools. 4,518,136, 5-21-85, Cl. 242-35.50A.
Rohner, Joachim, to W. Schlafhorst & Co. Method and device for tying an upper thread to a lower thread. 4,529,233, 7-16-85, Cl. 289-1.500.
Rohner, Joachim; and Kamp, Heinz, to W. Schlafhorst & Co. Method and device for locating and holding a thread end. 4,535,945, 8-20-85, Cl. 242-35.60R.
Rohner, Joachim: *See—*
  Chardon, Manfred; Mauries, Reinhard; Rohner, Joachim; and Zumfeld, Heinz, 4,499,715, Cl. 57-22.000.
Rohner, Peter; Schippl, Klausdieter; Blumenberg, Gunther; Meyer, Werner; and Obert, Wolfgang, to Kabelmetal Electro GmbH. Flexible cryogenic conduit. 4,492,089, 1-8-85, Cl. 62-55.000.
Rohner, Thomas G. Mechanical cooler for electronics. 4,546,619, 10-15-85, Cl. 62-419.000.
Rohowetz, Stanley E., to American Can Company. Primary system. 4,495,156, 1-22-85, Cl. 427-384.000.
Rohr, Albin: *See—*
  Skrypek, John P.; Williams, Robert; Dominico, James W.; and Rohr, Albin, 4,543,883, Cl. 101-38.00A.
Rohr, Gunter H., to Union Special GmbH. Method and apparatus for tensioning and sewing a tubular workpiece. 4,512,268, 4-23-85, Cl. 112-63.000.
Rohr, Harry: *See—*
  Claussen, Uwe; Merten, Josef; Rohr, Harry; and Melchior, Bernd, 4,492,778, Cl. 523-137.000.
Rohr Industries, Inc.: *See—*
  Beggs, Stanley L.; Riel, Frank J.; and Lawson, Dale W. R., 4,539,244, Cl. 428-116.000.
  Blair, Winford, 4,522,859, Cl. 428-116.000.
  Cadwell, Gilbert C., 4,510,780, Cl. 72-57.000.
  Riel, Frank J., 4,541,879, Cl. 156-64.000.
  Sankey, Edward M.; and Seaver, Randall J., 4,545,199, Cl. 60-226.200.
  Timms, Richard H., 4,519,561, Cl. 244-110.00B.
Rohr, Jurgen: *See—*
  Frungel, Frank; and Rohr, Jurgen, 4,511,249, Cl. 356-5.000.
Rohr, Martin; and Flynn, Cormack, to Givaudan Corporation. Alkyl alpha-campholenates and dihydro derivatives thereof as odorants and flavorants. 4,547,315, 10-15-85, Cl. 252-522.00R.
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  Naegeli, Peter; and Rohr, Martin, 4,496,476, Cl. 252-522.00R.
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  Durr, Dieter; Rohr, Otto; and Bohner, Beat, 4,533,380, Cl. 71-88.000.
Rohr, Willy; Wollgarten, Kurt; and Vogel, Rudolf, to Sulzer Brothers Limited. Gripper for inserting the weft in a rapier weaving machine. 4,520,851, 6-4-85, Cl. 139-448.000.
Rohr, Wolfgang: *See—*
  Eckhardt, Heinz; Halbritter, Klaus; and Rohr, Wolfgang, 4,518,785, Cl. 549-453.000.
  Eicken, Karl; Rohr, Wolfgang; and Wuerzer, Bruno, 4,498,922, Cl. 71-111.000.
  Hamprecht, Gerhard; Varwig, Juergen; and Rohr, Wolfgang, 4,514,572, Cl. 549-246.000.
  Plath, Peter; Rohr, Wolfgang; and Wuerzer, Bruno, 4,496,391, Cl. 71-92.000.
  Plath, Peter; Rohr, Wolfgang; and Wuerzer, Bruno, 4,505,741, Cl. 71-92.000.
  Plath, Peter; Rohr, Wolfgang; Schwendemann, Volker; and Wuerzer, Bruno, 4,521,604, Cl. 548-301.000.
  Varwig, Jurgen; Hamprecht, Gerhard; and Rohr, Wolfgang, 4,562,254, Cl. 544-92.000.
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  Bader, Edgar; Rohrbach, Gerd; Petersen, Jurgen; and Kittel, Ludwig, 4,514,840, Cl. 370-29.000.
Rohrbach, Hans-Joerg, to Rohrbach Technologie KG; and Baustofftechnik GmbH & Co. Method and apparatus for producing expanded clay and expanded shale. 4,494,928, 1-22-85, Cl. 432-13.000.
Rohrbach, Peter H., to SI Handling Systems, Inc. Speed control apparatus. 4,515,085, 5-7-85, Cl. 104-250.000.
Rohrbach, Ronald P.; Maliarik, Mary J.; and Malloy, Thomas P., to UOP Inc. Production of high sugar syrups. 4,511,654, 4-16-85, Cl. 435-95.000.
Rohrbach, Ronald P., to UOP Inc. Support matrix and immobilized enzyme system. 4,525,456, 6-25-85, Cl. 435-176.000.
Rohrbach Technologie KG: *See—*
  Rohrbach, Hans-Joerg, 4,494,928, Cl. 432-13.000.
Rohrbach, Walter, to Midwest Automation, Inc. Spraying apparatus. 4,558,657, 12-17-85, Cl. 118-70.000.
Rohrbacher, Herbert E., to Bergandi Manufacturing Co., Inc. Security wire fabric and apparatus and method for making same. 4,513,793, 4-30-85, Cl. 140-92.400.
Rohrback Corporation: *See—*
  Finley, Charles M.; and Moore, Clifford G., 4,514,681, Cl. 324-65.0CR.
  Waterman, David K., 4,537,071, Cl. 73-432.00R.
Rohren- und Pumpenwerk Rudolf Bauer Gesellschaft mbH: *See—*
  Ruprechter, Adam; and Hutter, Herwig, 4,538,761, Cl. 239-196.000.
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  Binnig, Gerd K.; Feenstra, Randall M.; Hodgson, Rodney T.; Rohrer, Heinrich; and Woodall, Jerry M., 4,550,257, Cl. 250-492.200.
Rohrer, Helmuth H., to Mosaic King (PTY) Ltd. Support structures. 4,543,759, 10-1-85, Cl. 52-475.000.

- Rohrer, Michael: *See—*
  - Fabris, Alfonso V.; Strickland, Robert M., Jr. Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.
- Rohrer, Rudolf, to Ciba-Geigy Corporation. Process for dyeing silk or fibre blends containing silk. 4,560,388, 12-24-85, Cl. 8-543.000.
- Rohringer, Ernst, to Steuler-Industriewerke GmbH. Method for producing lining panels which are cast into concrete as an integral lining. 4,508,581, 4-2-85, Cl. 156-73.100.
- Rohrmann, Charles A.; and Fullam, Harold T., to Battelle Memorial Institute. Oxidation of hydrogen halides to elemental halogens. 4,537,835, 8-27-85, Cl. 423-502.000.
- Rohs, Ulrich: *See—*
  - Helling, Jurgen; and Rohs, Ulrich, 4,530,257, Cl. 74-796.000.
- Roi Corporation: *See—*
  - Paull, Seymour; and Marino, Michael J., 4,497,585, Cl. 374-158.000.
- ROI Development Corp.: *See—*
  - Millett, Robert A.; and Millett, James A., 4,546,949, Cl. 248-514.000.
- Roireau, Jeanne M., executrix: *See—*
  - Logan, Andrew H.; and Wagner, Robert A., deceased, 4,519,559, Cl. 244-17.170.
- Roisen, David. Combine grain dryer and drying attachment. 4,509,273, 4-9-85, Cl. 34-86.000.
- Roizman, Bernard; and Lang, M. Robert, to Institute Merieux. Vaccine and method of immunizing against herpes simplex virus (types 1 and 2). 4,554,159, 11-19-85, Cl. 424-89.000.
- Rojey, Alexandre; Bonifay, Regis; and Cariou, Jean-Paul, to Institut Francais du Petrole. Process for producing cold and/or heat by means of an absorption cycle comprising at least two absorption steps. 4,532,773, 8-6-85, Cl. 62-101.000.
- Rojey, Alexandre: *See—*
  - Ramet, Claude; and Rojey, Alexandre, 4,498,999, Cl. 252-67.000.
- Rojkind, Marcos: *See—*
  - Reid, Lola C. M.; and Rojkind, Marcos, 4,501,815, Cl. 435-284.000.
- Rokach, Joshua, to Merck Frosst Canada, Inc. Dibenzo[b,f]thiepin-3-carboxaldehydes as prostaglandin antagonists. 4,535,171, 8-13-85, Cl. 549-12.000.
- Rokach, Joshua; Rooney, Clarence S.; and Cragoe, Edward J., Jr., to Merck & Co., Inc.; and Merck Frosst Canada, Inc. Prostaglandin antagonists. 4,536,507, 8-20-85, Cl. 514-362.000.
- Rokk, Juri K.: *See—*
  - Küsler, Karl R.; Sjuld, Tiiya-Maya F.; Kristyanson, Peep G.; Kholm, Gunnar B.; Rokk, Juri K.; and Post, Kalju M., 4,518,453, Cl. 156-307.500.
- Rokop Corporation: *See—*
  - Rokop, Joseph; and Rokop, Nikolaus, 4,530,393, Cl. 164-415.000.
- Rokop, Joseph; and Rokop, Nikolaus, to Rokop Corporation. Apparatus for shrouding in a continuous casting machine. 4,530,393, 7-23-85, Cl. 164-415.000.
- Rokop, Nikolaus: *See—*
  - Rokop, Joseph; and Rokop, Nikolaus, 4,530,393, Cl. 164-415.000.
- Rokos, George H. S.; and Wilson, James S., to Standard Telephones and Cables plc. Temperature controlled crystal oscillator arrangement. 4,560,959, 12-24-85, Cl. 331-176.000.
- Rokowski, Joseph M.: *See—*
  - Arkles, Barry C.; Peterson, William R., Jr.; and Rokowski, Joseph M., 4,491,669, Cl. 556-410.000.
- Rokunohe, Mitsuru; Nakajima, Toshiyuki; Iwata, Kansei; and Tajima, Hiroyuki, to Dainichi-Nippon Cables, Ltd.; and Graphica Computer Corporation. Image transmission apparatus using a random arrangement of optical fibers. 4,549,175, 10-22-85, Cl. 340-794.000.
- Rokutanda, Takashi; and Nakamura, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus and method for processing macroinstructions and microinstructions. 4,550,369, 10-29-85, Cl. 364-200.000.
- Roland, Anthony M. Multiple sound picture projection cinema. 4,555,167, 11-26-85, Cl. 352-133.000.
- Roland, Billy F. Planar member joint. 4,509,794, 4-9-85, Cl. 297-440.000.
- Roland Corporation: *See—*
  - Kakehashi, Ikutaro, 4,503,746, Cl. 84-1.160.
- Roland, James P., to Hewlett-Packard Company. Technique of producing tapered features in integrated circuits. 4,514,252, 4-30-85, Cl. 156-643.000.
- Rolando, John L. Motion sensing apparatus with variable threshold. 4,556,799, 12-3-85, Cl. 250-577.000.
- Rolco International B.V.: *See—*
  - Boelen, Adrianus G. M., 4,558,617, Cl. 83-425.100.
- Roldan, Frank. Method of making compliant pins. 4,513,499, 4-30-85, Cl. 29-874.000.
- Rolf, Jeffrey O., to Eaton Corporation. Nut lock assembly. 4,493,597, 1-15-85, Cl. 411-198.000.
- Rolf, Richard L.: *See—*
  - Peterson, Richard W.; and Rolf, Richard L., 4,556,468, Cl. 204-243.00R.
- Rolfe, Keith O. Loading and unloading apparatus for a vehicle. 4,509,894, 4-9-85, Cl. 414-555.000.
- Rolfes, Thomas A. Exterior orthopedic adjustable hinge brace. 4,531,515, 7-30-85, Cl. 128-87.00R.
- Rolfo, Andre A.: *See—*
  - Mouilhayrat, Guy G.; Duchon, Paul A. J.; Guilbert, Jean M. A. M.; and Rolfo, Andre A., 4,508,297, Cl. 244-173.000.
- Rolfs, Donald, to Denar Corporation. Device for demonstrating occlusion and the effects thereof on the temporomandibular joint. 4,541,807, 9-17-85, Cl. 434-264.000.
- Rolin, Guy; and Rabizzoni, Jacques, to Etablissements Rondolotti. Spinning lathe. 4,509,351, 4-9-85, Cl. 72-19.000.
- Roline, Glenn M.: *See—*
  - Thompson, David L.; Roline, Glenn M.; and Harrington, Richard J., 4,520,825, Cl. 128-422.000.
  - Thompson, David L.; Bennett, Robert M.; and Roline, Glenn M., 4,556,063, Cl. 128-419.0PT.
- Roling, Franz; and Schoop, Gunther D., to Gewerkschaft Eisenhutte Westfalia. Sprocket wheel. 4,501,577, 2-26-85, Cl. 474-155.000.
- Roling, Franz, to Gewerkschaft Eisenhutte Westfalia. Apparatus for controlling the position of a mineral mining machine. 4,509,799, 4-9-85, Cl. 299-42.000.
- Rolland, Gerard T., to SSAC, Inc. Electronic toaster timer with preceding off-time temperature control compensation. 4,518,849, 5-21-85, Cl. 219-492.000.
- Rollat, Alain J.: *See—*
  - Burgard, Michel; Piteau, Marc D.; Rollat, Alain J.; and Senet, Jean-Pierre G., 4,499,057, Cl. 423-8.000.
- Rollei Fototechnic GmbH: *See—*
  - Hartung, Hansjurgen, 4,556,301, Cl. 352-78.00R.
- Rollenitz, Leopold: *See—*
  - Dolenc, Anton; and Rollenitz, Leopold, 4,513,714, Cl. 123-357.000.
- Roller Bearing Company of America: *See—*
  - Hartl, Werner, 4,537,526, Cl. 403-370.000.
- Roller Corporation of America: *See—*
  - Monett, Edward, 4,507,035, Cl. 411-377.000.
- Roller, Curtis A.: *See—*
  - Auerweck, Ferdinand J.; Balgarelli, Donald J.; Roller, Curtis A.; and Varrese, Francis R., 4,541,282, Cl. 73-715.000.
- Roller, Hermann; Lehner, August; Hack, Joachim; Grau, Werner; Balz, Werner; and Baur, Reinhold, to BASF Aktiengesellschaft. Production of magnetic recording media having a backing coating. 4,534,999, 8-13-85, Cl. 427-130.000.
- Roller, Timothy J.: *See—*
  - Strickland, Reid A.; and Roller, Timothy J., 4,493,476, Cl. 251-176.000.
- Roller, Wilhelm: *See—*
  - Ernst, Gunter; Baer, Edmund; Wurz, Dieter; Dittrich, Hans; and Roller, Wilhelm, 4,541,968, Cl. 261-109.000.
- Rollet, Bernard: *See—*
  - Locatelli, Jean L.; and Rollet, Bernard, 4,518,754, Cl. 526-262.000.
  - Locatelli, Jean L.; and Rollet, Bernard, 4,518,755, Cl. 526-262.000.
- Rollet, Jean: *See—*
  - Cholley, Henri E.; Laupretre, Jean J.; and Rollet, Jean, 4,521,072, Cl. 350-96.230.
- Rollett, John M., to British Telecommunications. RC-Active filters. 4,553,103, 11-12-85, Cl. 330-107.000.
- Rollform, Incorporated: *See—*
  - Adams, George C., 4,498,272, Cl. 52-714.000.
  - Adams, George C., 4,527,369, Cl. 52-211.000.
- Rollin K. Daniel P.S.C.: *See—*
  - Daniel, Rollin K., 4,523,592, Cl. 128-334.00C.
- Rollin, Michel: *See—*
  - Arditty, Herve; and Rollin, Michel, 4,542,338, Cl. 324-117.00R.
- Rollins, George E.: *See—*
  - Gontowski, Walter S., Jr.; and Rollins, George E., 4,494,088, Cl. 331-111.000.
- Rollins, John P., to Duff-Norton Company, Inc. Control valve apparatus. 4,556,832, 12-3-85, Cl. 318-467.000.
- Rollins, Paul F.: *See—*
  - Trussell, Gerald C.; Felix, Andre B.; Hembree, Thomas D.; and Rollins, Paul F., 4,539,655, Cl. 364-900.000.
- Rollins, Winfred B.: *See—*
  - Edmonds, David A.; and Rollins, Winfred B., 4,538,395, Cl. 53-403.000.
- Rollmann, Louis D., to Mobil Oil Corporation. Upgrading heavy crude oils to lighter products with a dispersed zeolite. 4,536,282, 8-20-85, Cl. 208-120.000.
- Rollmann, Louis D.: *See—*
  - Calvert, Robert B.; and Rollmann, Louis D., 4,495,166, Cl. 423-329.000.
- Rolls-Royce Inc.: *See—*
  - Nightingale, Douglas J.; and Szuminski, Gary F., 4,502,636, Cl. 239-265.170.
  - Nightingale, Douglas J., 4,502,637, Cl. 239-265.170.
  - Nightingale, Douglas J., 4,537,026, Cl. 60-264.000.
  - Szuminski, Gary F.; Nightingale, Douglas J.; and Tape, Robert F., 4,502,638, Cl. 239-265.290.
  - Szuminski, Gary F.; and Nightingale, Douglas J., 4,502,639, Cl. 239-265.310.
  - Szuminski, Gary F.; and Jones, Thomas J., 4,519,543, Cl. 239-265.190.
  - Szuminski, Gary F.; and Tape, Robert F., 4,529,130, Cl. 239-265.290.
  - Szuminski, Gary F., 4,550,877, Cl. 239-265.350.
  - Szuminski, Gary F.; and Jones, Thomas J., 4,552,309, Cl. 239-265.190.
- Rolls-Royce Limited: *See—*
  - Adkins, Richard C.; and Yost, James O., 4,497,445, Cl. 239-590.000.
  - Ballard, John R., 4,502,875, Cl. 55-306.000.
  - Barry, Brian; and Freeman, Christopher, 4,531,362, Cl. 60-226.100.
  - Cantwell, Hugh F., 4,528,812, Cl. 60-39.281.
  - Clark, Stephen D.; Wood, Philip S.; and Fell, Peter J., 4,493,451, Cl. 228-119.000.
  - Conolly, Ralph I., 4,492,737, Cl. 428-552.000.

- Cooper, Gordon C.; and Dawson, Douglas, 4,492,381, Cl. 277-2.000.
- Dodd, Alec G.; and Hamblett, Martin, 4,500,258, Cl. 416-97.00R.
- England, David R., 4,545,874, Cl. 204-129.200.
- Fallows, Norman H., 4,559,845, Cl. 74-600.000.
- Geary, Alan P., 4,551,062, Cl. 415-115.000.
- Goddard, John; Mills, David; and Moulden, Alan J., 4,541,475, Cl. 164-65.000.
- Hobbs, John R., 4,493,185, Cl. 60-39.092.
- Holland, Maxwell J., 4,529,357, Cl. 416-92.000.
- Jeffery, Graham J., 4,498,291, Cl. 60-39.091.
- Johnson, Frank C.; and Newsam, Susan M., 4,562,033, Cl. 264-510.000.
- Jones, William R., 4,559,246, Cl. 427-299.000.
- Kirker, Timothy J., 4,543,784, Cl. 60-262.000.
- Kwan, William C. T.; and Pidcock, Anthony, 4,561,257, Cl. 60-737.000.
- Lings, Barry W., 4,504,189, Cl. 415-115.000.
- Maguire, Addison C., 4,548,034, Cl. 60-262.000.
- Mills, David; Kington, Alan D.; and Close, Rodney J., 4,516,621, Cl. 164-339.000.
- Mills, David; Kington, Alan D.; and Lovell, Philip J., 4,520,117, Cl. 501-107.000.
- Mills, David, 4,528,043, Cl. 148-13.100.
- Mills, David; Lindahl, Anthony T.; and Kington, Alan D., 4,532,974, Cl. 164-132.000.
- Mills, David, 4,552,197, Cl. 164-34.000.
- Mills, David; and Kington, Alan D., 4,552,198, Cl. 164-122.200.
- Moore, Alan; Harman, Geoffrey E.; Rosser, David G.; and Clapham, Edward F., 4,546,604, Cl. 60-39.093.
- Neal, Peter F., 4,492,518, Cl. 415-142.000.
- Newsam, Susan M., 4,504,346, Cl. 156-242.000.
- Osborn, Alfred W., 4,500,054, Cl. 244-54.000.
- Pask, George; and Brett, Clive E., 4,492,521, Cl. 416-193.00A.
- Pask, George, 4,502,276, Cl. 60-39.320.
- Pask, George, 4,521,159, Cl. 416-174.000.
- Pask, George, 4,551,064, Cl. 415-116.000.
- Richardson, David A.; and Coney, Michael H., 4,497,610, Cl. 415-116.000.
- Roberts, Derek A., 4,503,667, Cl. 60-39.091.
- Seymour, Stephen R.; Guy, Robert K.; and Roberts, Paul N., 4,505,150, Cl. 73-116.000.
- Simmons, Roy, 4,505,104, Cl. 60-39.091.
- Simpson, Philip A., 4,537,066, Cl. 73-117.400.
- Slack, John D., 4,561,491, Cl. 164-516.000.
- Smith, Michael J. T., 4,522,283, Cl. 181-175.000.
- Smith, Stanley, 4,497,172, Cl. 60-226.100.
- Smith, Stanley, 4,498,525, Cl. 165-39.000.
- Smith, Stanley, 4,531,358, Cl. 60-39.080.
- Szuminski, Gary F.; and Jones, Thomas J., 4,519,543, Cl. 239-265.190.
- Szuminski, Gary F.; and Jones, Thomas J., 4,552,309, Cl. 239-265.190.
- Wilkinson, Wilfred H., 4,529,355, Cl. 415-174.000.
- Williamson, Willie, 4,492,078, Cl. 60-39.310.
- Wright, William B.; and Pidcock, Anthony, 4,525,996, Cl. 60-39.310.

Rollwitz, William L.; and King, James D., to Southwest Research Institute. Method and apparatus for coal analysis and flow measurement. 4,531,093, 7-23-85, Cl. 324-300.000.

Rollwitz, William L.: *See—*
- De Los Santos, Armando; King, James D.; Rollwitz, William L.; Matzkanin, George A.; and Hornung, Phillip A., 4,514,691, Cl. 324-301.000.

Rolm Corporation: *See—*
- Jolissaint, Charles H., 4,494,229, Cl. 370-58.000.
- Williams, Errol R., Jr., 4,546,388, Cl. 358-190.000.

Roloff, Achim: *See—*
- Maier, Ludwig; Meyer, Willy; Oertle, Konrad; Roloff, Achim; and Topfl, Werner, 4,559,078, Cl. 71-87.000.

Roloff, Heinz: *See—*
- Petrovsky, Jan; and Roloff, Heinz, 4,498,848, Cl. 417-253.000.

Rolski, Stanislaw; and Pfeiffer, Ralph R., to Eli Lilly and Company. Naphthalene-1,5-disulfonate salts of dimeric indole-dihydroindole alkaloids. 4,558,053, 12-10-85, Cl. 514-283.000.

Rolston, John H.: *See—*
- Symons, Edward A.; Rolston, John H.; Clermont, Michel J.; and Paterson, Linda M., 4,514,377, Cl. 423-648.00A.
- Wanke, Sieghard E.; Rangwala, Huseni A.; Otto, Fred D.; Dalla Lana, Ivo G.; Paterson, Linda M.; and Rolston, John H., 4,536,488, Cl. 502-159.000.

Rom, Ernst: *See—*
- Hirschmanner, Franz; and Rom, Ernst, 4,528,434, Cl. 219-10.49A.

Romac Industries, Inc.: *See—*
- Burnett, Curtis E., 4,494,780, Cl. 285-177.000

Romada Holdings Ltd.: *See—*
- Smith, Dennis C.; and Maijer, Rolf, 4,548,583, Cl. 433-228.100.

Romagnoli, Andrea, to IMA - Industria Macchine Automatiche S.p.A. Machine for producing blister packages. 4,506,495, 3-26-85, Cl. 53-559.000.

Romagnoli, Andrea, to IMA - Industria Macchine Automatiche S.p.A. Device for centering the printing of strip material for the automatic production of small filter bags for infusion products. 4,508,524, 4-2-85, Cl. 493-11.000.

Romagnoli, Andrea, to IMA - Industria Macchine Automatiche S.p.A. Device for flexographic printing on a strip of packing material in packaging machines, particularly for blister packs. 4,559,755, 12-24-85, Cl. 53-64.000.

Romak, Paul E., to AMP Incorporated. Cylindrical socket contact. 4,550,972, 11-5-85, Cl. 339-256.00R.

Roman, Alain: *See—*
- Tournier, Herve; Johansson, Allan A.; Sachetto, Jean-Pierre; Armanet, Jean-Michel; Michel, Jean-Pierre; and Roman, Alain, 4,511,433, Cl. 162-16.000.

Roman, Charles A.: *See—*
- Orsak, John E.; and Roman, Charles A., 4,555,438, Cl. 428-219.000.

Roman, Daniel P., Jr.; and Fruitstone, Mitchell J., to American Hospital Supply Corporation. Reduced IgG in low ionic strength medium for immunohematologic agglutination. 4,540,565, 9-10-85, Cl. 424-11.000.

Roman, Frank. Fuel economizing device. 4,515,133, 5-7-85, Cl. 123-538.000.

Roman, Gianfranco, to Claber S.p.A. Portable winding device for flexible pipe, particularly for cars, caravans, coaches, crafts, balconies and small gardens. 4,537,215, 8-27-85, Cl. 137-355.260.

Roman, Ian C.; and Baker, Richard W., to Bend Research, Inc. Method and apparatus for producing oxygen and nitrogen and membrane therefor. 4,542,010, 9-17-85, Cl. 423-579.000.

Roman, Stephan. Blade pitch control in rotatable bladed devices for vehicles. 4,502,840, 3-5-85, Cl. 416-114.000.

Roman, Steven A., to Shell Oil Company. Cyclopropanecarboxylate pesticides and their preparation. 4,518,797, 5-21-85, Cl. 560-231.000.

Roman, Steven A.: *See—*
- Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., 4,542,244, Cl. 568-825.000.
- Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., 4,554,366, Cl. 549-463.000.

Romanauskas, William A., to Du Pont de Nemours, E. I., and Company. Fixed angle pelleting rotor configured to provide a maximum clearing rate factor. 4,509,940, 4-9-85, Cl. 494-16.000.

Romanauskas, William A., to Du Pont de Nemours, E. I., and Company. Suspension system for a centrifuge rotor. 4,511,350, 4-16-85, Cl. 494-82.000.

Romanauskas, William A., to Du Pont de Nemours, E. I., and Company. Crimpable capping assembly for a centrifuge tube. 4,552,278, 11-12-85, Cl. 215-277.000.

Romanchuk, Ronald N.: *See—*
- Sabatino, Anthony; Stanefski, Eugene F.; Romanchuk, Ronald N.; and Schaumburg, Edward G., 4,509,252, Cl. 29-623.100.

Romancik, Guna: *See—*
- Lowe, David A.; Romancik, Guna; Cappelletti, Leonardo M.; and Elander, Richard P., 4,520,101, Cl. 435-49.000.

Romand-Monnier, Jacques; and Lejeune, Jean-Pierre, to Alsthom-Atlantique. Coupling device, an electric motor fitted with said device and a method of coupling two electric motors together. 4,500,226, 2-19-85, Cl. 403-13.000.

Romand-Monnier, Jacques; and Lejeune, Jean-Pierre, to Alsthom-Atlantique. Motor-driven pump assembly which can be used under water. 4,536,138, 8-20-85, Cl. 417-422.000.

Romanelli, Pat: *See—*
- Kozam, George; and Romanelli, Pat, 4,512,769, Cl. 604-209.000.

Romanenko, Anatoly G.: *See—*
- Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.

Romanenko, Oleg N.: *See—*
- Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.

Romani, Gian L.: *See—*
- D'Angelo, Silvano; Modena, Ivo; and Romani, Gian L., 4,523,147, Cl. 324-248.000.

Romankiw, Lubomyr T.: *See—*
- Gelchinski, Mordechai H.; Romankiw, Lubomyr T.; Vigliotti, Donald R.; and Von Gutfeld, Robert J., 4,497,692, Cl. 204-15.000.

Romann, Peter; Sauer, Rudolf; and Steinrucken, Heinrich, to Robert Bosch GmbH. Electric potentiometer. 4,500,866, 2-19-85, Cl. 338-126.000.

Romano, Robert P., to Comus International Corp. Multiple pole mercury switch particularly adapted for thermostat applications. 4,536,727, 8-20-85, Cl. 335-54.000.

Romano, Salvatore, to Moore Special Tool Co., Inc. Laser path seal. 4,504,064, 3-12-85, Cl. 277-12.000.

Romano, Salvatore A., Jr., to United States of America, Army. Tone signalling adapter for a telephone set. 4,532,380, 7-30-85, Cl. 179-2.00C.

Romano, Ugo; and Iori, Giuseppe, to Anic S.p.A. Process for synthesizing allyl carbonates of polyhydric alcohols and their derivatives. 4,508,656, 4-2-85, Cl. 260-463.000.

Romano, Ugo, to Anic S.p.A. Process for synthesizing carbonic acid esters derived from unsaturated alcohols and polyhydric alcohols. 4,512,930, 4-23-85, Cl. 260-463.000.

Romano, Ugo; Rivetti, Franco; and Sasselli, Giacomo, to Enichimica S.p.A. Process for preparing alkyl isocyanates. 4,514,339, 4-30-85, Cl. 260-453.00P.

Romano, Ugo; Renzi, Fiorenzo; Rivetti, Franco; and Gagliardi, Claudio, to Enichimica S.p.A. Liquid polymerizable compositions of a carbonate oligomer, an allylcarbonate and vinyl acetate. 4,521,577, 6-4-85, Cl. 526-261.000.

Romano, Ugo: *See—*
Priola, Aldo; Romano, Ugo; and Renzi, Fiorenzo, 4,544,725, Cl. 526-301.000.

Romanov, Anatoly A.: *See—*
Andreev, Anatoly A.; and Romanov, Anatoly A., 4,512,867, Cl. 204-298.000.

Romanov, Jury V.: *See—*
Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.

Romanov, Nikolai N.: *See—*
Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.

Romanow, Peter; and Andreasen, Richard, to Star Manufacturing Company. Rapid response water heating and delivery system. 4,556,168, 12-3-85, Cl. 236-25.00A.

Romanski, Eric R., to Albany International Corp. Seaming means and a tool for forming the seam. 4,539,730, 9-10-85, Cl. 24-33.00B.

Romansky, John A., to Eastman Kodak Company. Holder apparatus for heater element. 4,493,982, 1-15-85, Cl. 219-469.000.

Romansky, John A.; and Matson, Gary R., to Eastman Kodak Company. Fuser apparatus. 4,501,483, 2-26-85, Cl. 355-3.0FU.

Romberger, John A.; and Meier, Daniel A., to Nalco Chemical Company. Method of improving inhibitor efficiency in hard waters. 4,502,978, 3-5-85, Cl. 252-389.00A.

Romberger, John A.; and Blaser, Laura J., to Nalco Chemical Company. Polymer-zinc corrosion inhibitor. 4,529,572, 7-16-85, Cl. 422-17.000.

Rombouts, Andre H. Supports for heating bodies intended for annealing furnaces. 4,520,789, 6-4-85, Cl. 126-91.00A.

Rombrecht, Hans M.: *See—*
Zeitler, Gerhard; Bittner, Gerhard; Faehndrich, Knud; and Rombrecht, Hans M., 4,526,952, Cl. 524-496.000.

Rombusch, Konrad; Maahs, Gunther; and Schafer, Wolfgang, to Chemische Werke Huels AG. Quadratic acid amide derivatives, their use as stabilizers, and synthetic resins treated therewith. 4,537,924, 8-27-85, Cl. 524-103.000.

Rome, Charles P.: *See—*
Nall, Kent J.; Barteldes, W. Christopher; Payne, David W.; Rome, Charles P.; and Abrams, Wayne A., 4,552,120, Cl. 124-1.000.

Rome, Gerald F.; and Lankford, Frank L., Jr., to Texaco Inc. Safety system for an oil well derrick. 4,524,952, 6-25-85, Cl. 254-269.000.

Romeike, Arno; Regner, Richard; and Weinheimer, Alois, to Hoechst Aktiengesellschaft. Process and apparatus for shirring tubular casings. 4,547,932, 10-22-85, Cl. 17-45.000.

Romell, Gunnar V. R.: *See—*
Skogberg, Bo T.; and Romell, Gunnar V. R., 4,509,889, Cl. 411-19.000.

Romeo, Frank C.: *See—*
Dunn, Jimmy L.; Mayo, George L.; and Romeo, Frank C., 4,520,550, Cl. 29-568.000.
Dunn, Jimmy L.; Gilstrap, Lonnie D.; Land, Ronny L.; and Romeo, Frank C., 4,544,193, Cl. 294-86.400.

Romer, Bendt W., to Danfoss A/S. Pressure valve for a compressor. 4,524,806, 6-25-85, Cl. 137-856.000.

Romer, Dietmar, to Sandoz Ltd. Analgesic preparations. 4,515,802, 5-7-85, Cl. 514-288.000.

Romer, Dietmar: *See—*
Zeugner, Horst; Romer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, 4,497,740, Cl. 260-244.400.

Romer GmbH: *See—*
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  - Burgoyne, John V.; and Phalen, Thomas E., Jr., 4,535,579, Cl. 52-408.000.
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- Rooney, Francis J.: *See—*
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- Roope, Mary E. F. Light blocking panel for overhead projectors. 4,523,823, 6-18-85, Cl. 353-97.000.
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- Root, Richard A.: *See—*
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- Roper, Colleen F. Footstool with inclined ramp. 4,550,802, 11-5-85, Cl. 182-113.000.
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  - Davis, Robert K., deceased, 4,562,125, Cl. 429-65.000.
  - Fielder, William V. B., Jr., 4,494,593, Cl. 160-177.000.
  - Lane, Joseph J.; and Scanland, Joseph E., 4,525,989, Cl. 56-17.400.
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Rosch, Hubert J., III, to Circuit Services Corporation. Printed circuit processing apparatus. 4,506,687, 3-26-85, Cl. 134-83.000.

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Roschlein, Rolf; and Schulte, Heinz, to Nixdorf Computer AG. Ink jet filtered-chamber print head. 4,514,743, 4-30-85, Cl. 346-140.00R.

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Roschmann, Peter, to U.S. Philips Corporation. Method of manufacturing a disc resonator. 4,555,374, 11-26-85, Cl. 264-40.100.

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Rose, Allan F., to Chevron Research Company. Phenoxyalkenylpyridine derivatives and fungicidal methods of use. 4,512,995, 4-23-85, Cl. 514-277.000.

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Rose, Jochen, to International Standard Electric Corporation. Rotary switch for printed circuit boards. 4,551,587, 11-5-85, Cl. 200-11.00R.

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Rose, John W., to Motorola, Inc. Deposition and diffusion source control means and method. 4,517,220, 5-14-85, Cl. 427-8.000.

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Schmidt, Terrance L.; and Olson, Wayne L., 4,528,728, Cl. 24-241.00P.

Schmidt, Terrance L.; and Olson, Wayne L., 4,528,729, Cl. 24-241.00P.

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- Rosler, Peter, 4,509,656, Cl. 220-8.000.

Rose, Reinhold R.; and Lieberman, Lance J., to Rose, Reinhold R. Dual timing event stopwatch. 4,505,595, 3-19-85, Cl. 368-110.000.

Rose, Rene, to Flonic S.A. Electrical connection system. 4,499,371, 2-12-85, Cl. 235-492.000.

Rose, Robert D., Jr., to Communications Packaging Corporation. Printer thimble element holder. 4,501,361, 2-26-85, Cl. 206-493.000.

Rose, Robert M.; and Sadoway, Donald R. Cryoelectrodeposition. 4,517,253, 5-14-85, Cl. 428-620.000.

Rose, Robert M.: *See—*
- Kuehnle, Manfred R.; Perry, George J.; and Rose, Robert M., 4,521,097, Cl. 355-3.00R.
- Kuehnle, Manfred R.; Rose, Robert M.; and Ballas, John S., 4,526,357, Cl. 271-18.200.

Rose, Sam, to Bio-Response, Inc. Method for culturing cells or tissues. 4,508,819, 4-2-85, Cl. 435-1.000.

Rose, Thomas A.: *See—*
- Heil, Richard W.; and Rose, Thomas A., 4,501,664, Cl. 210-614.000.

Rose, Thomas J., to Mold-Masters Limited. Injection molding peripheral opening core ring gate. 4,530,654, 7-23-85, Cl. 425-566.000.

Rose Verpackungsmaschinenfabrik Theegarten: *See—*
- Schmitz, Heinz, 4,543,769, Cl. 53-450.000.

Rose, Walter D., to Chandler Engineering Company. Apparatus and procedure for relative permeability measurements. 4,506,542, 3-26-85, Cl. 73-38.000.

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Rose, William H.; Rupnik, David W.; and Shaffer, David T., to AMP Incorporated. Push-push switch. 4,506,124, 3-19-85, Cl. 200-153.00J.

Rose, William H., to AMP Incorporated. Snap action switch. 4,523,064, 6-11-85, Cl. 200-67.00D.

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- Gingerich, David J.; Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,531,030, Cl. 200-68.200.
- Meehan, Robert F.; Rose, William H.; and Shaffer, David T., 4,530,552, Cl. 339-17.0CF.

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Roselli, Federico. Extendible line. 4,553,715, 11-19-85, Cl. 242-100.000.

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- Johnston, James S., 4,499,373, Cl. 250-231.00P.

Rosemount Inc.: *See—*
- Bohn, David C., 4,503,711, Cl. 73-861.120.
- Brown, Gregory C., 4,534,376, Cl. 137-83.000.
- Coursolle, Thomas P., 4,545,258, Cl. 73-861.220.
- Frick, Roger L., 4,502,003, Cl. 323-275.000.
- Frick, Roger L., 4,519,253, Cl. 73-718.000.
- Hagen, Floyd W., 4,522,070, Cl. 73-384.000.
- Marxer, John E.; and Kowles, John W., 4,553,137, Cl. 340-582.000.
- Myhre, Douglas C., 4,525,081, Cl. 374-208.000.
- Stickney, Truman M., 4,549,706, Cl. 244-1.00R.

Rosen, Alan D.: *See—*
- Leight, Howard S.; and Rosen, Alan D., 4,490,857, Cl. 2-209.000.

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- Markey, Dennis P.; and Rosen, George J., 4,501,103, Cl. 52-745.000.

Rosen, Gerald M. N-alkyl-4'hydroxyacetanilides, pharmaceutical compositions comprising them and their use. 4,520,134, 5-28-85, Cl. 514-625.000.

Rosen, Haim, to Rotoplas, Ltd. Process for preparing plastic articles having an outer shell and inner foam core. 4,519,964, 5-28-85, Cl. 264-45.400.

Rosen, Hans-Georg: *See—*
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Rosen, Josh: *See—*
- Holland, Charles J.; Holberger, Kenneth D.; Epstein, David I.; Reilly, Paul; and Rosen, Josh, 4,554,627, Cl. 364-200.000.

Rosen, Meyer R.; Fan, You-Ling; and Chu, Nan S., to Union Carbide Corporation. Process for flocculating phophatic slimes. 4,555,346, 11-26-85, Cl. 210-734.000.

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Rosen, Milton. One-piece building panel for walls and like structures. 4,523,415, 6-18-85, Cl. 52-220.000.

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- Lane, Thomas A.; Rosen, Murray; and Quinn, Maxie E., 4,497,852, Cl. 427-287.000.

Rosen, Perry: *See—*
- Chan, Ka-Kong; Holland, George W.; and Rosen, Perry, 4,500,462, Cl. 260-405.500.
- Coffen, David L.; Holland, George W.; Rosen, Perry; and Wong, Frederick, 4,558,140, Cl. 549-312.000.
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Rosen, Terry J.: *See—*
- Firth, Bruce E.; and Rosen, Terry J., 4,538,008, Cl. 568-783.000.

Rosen, William E.: *See—*
- Berke, Philip A.; and Rosen, William E., 4,525,480, Cl. 514-544.000.

Rosenbach, Klaus: *See—*
- Popp, Franz-Wolfgang; and Rosenbach, Klaus, 4,527,065, Cl. 250-506.100.

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- Grollier, Jean F.; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,504,494, Cl. 514-544.000.
- Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,495,203, Cl. 514-732.000.
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Rosenbaum, John M., to Chevron Research Company. Sulfur extraction process. 4,534,955, 8-13-85, Cl. 423-573.00R.

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Rosenbaum, Larry A.; and Sidaway, H. John, to Hancor, Inc. Method and apparatus for manufacturing foldable conduit. 4,527,319, 7-9-85, Cl. 29-33.00T.

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Rosenbaum, Leslie; and Alberts, Robert. Shoe. 4,517,753, 5-21-85, Cl. 36-128.000.

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- Keriakos, Magdy H.; and Rosenbaum, Stanley D., 4,532,384, Cl. 179-170.00G.

Rosenbaum, Walter S.: *See—*
- Brickman, Norman F.; and Rosenbaum, Walter S., 4,494,150, Cl. 358-260.000.
- Brickman, Norman F.; and Rosenbaum, Walter S., 4,499,499, Cl. 358-263.000.

Rosenberg, Avner: *See—*
- Rosenberg, Peretz; and Rosenberg, Avner, 4,550,878, Cl. 239-542.000.

Rosenberg, Burkard, to Bell Maschinenfabrik Aktiengesellschaft. Dewatering of naturally moist crude peat. 4,526,607, 7-2-85, Cl. 71-24.000.

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Rosenberg, Isadore: *See—*
- Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, 4,534,068, Cl. 2-414.000.
- Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, 4,558,470, Cl. 2-414.000.

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- Jackson, Thomas N.; Kirchner, Peter D.; Pettit, George D.; Rosenberg, James J.; Woodall, Jerry M.; and Wright, Steven L., 4,550,047, Cl. 428-136.000.

Rosenberg, Jeffrey S.: *See—*
- Haley, John E., Jr.; Lynch, Michael J.; and Rosenberg, Jeffrey S., 4,561,057, Cl. 364-436.000.
- Murali, Beegamudre N.; Rosenberg, Jeffrey S.; and Cole, Clinton W., 4,527,954, Cl. 417-46.000.

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Rosenberg, Lawrence M., to Micronix Partners. Alignment apparatus. 4,525,852, 6-25-85, Cl. 378-34.000.

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Rosenberg, Wilbert: *See—*
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Rosenblatt, Aaron A.: *See—*
Rosenblatt, David H.; Rosenblatt, Aaron A.; and Knapp, Joseph E., 4,504,442, Cl. 422-37.000.

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Rosenfeld, Daniel D.: *See—*
Barthomeuf, Denise M.; and Rosenfeld, Daniel D., 4,554,398, Cl. 585-828.000.

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Rosenfeld, Paul. Vacuum cane for picking up articles off the floor. 4,527,824, 7-9-85, Cl. 294-64.100.

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Rosengren, Hans: *See—*
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Rosenwaks, Salman; and Chuchem, David. Chemical laser. 4,553,243, 11-12-85, Cl. 372-89.000.

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Kulesza, Ralph J.; Rosenwinkel, Donald A.; and Disko, Harry, 4,550,876, Cl. 239-211.000.
Rehkemper, Steven F.; Rosenwinkel, Donald A.; Zaruba, John V.; and Breslow, Jeffrey D., 4,552,363, Cl. 273-241.000.

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- Roser, Erich. Swash ring driven diaphragm pump. 4,515,531, 5-7-85, Cl. 417-269.000.
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- Roseto, Frank N. Chatter free rotary friction device and method of making the same. 4,561,533, 12-31-85, Cl. 192-107.00M.
- Roshdy, Constance E., to Ethicon, Inc. Unitary armed suture mounting board. 4,549,649, 10-29-85, Cl. 206-63.300.
- Roshon-Larsen, Gwynne L.: *See—*
  - Amdahl, Gene M.; Hanson, Donald L.; Kreuzenstein, Ronald K.; Roshon-Larsen, Gwynne L.; and Woffinden, Gary A., 4,551,797, Cl. 364-200.000.
- Rosicke, Bernd; and Rosenbladt, Rudolf V., to Boehringer Mannheim GmbH. Method of detecting and evaluating photometric signals and device for carrying out the method. 4,553,848, 11-19-85, Cl. 356-448.000.
- Rosier, Kenneth M.: *See—*
  - Thornton, Max C., Jr.; Kuntz, Paul; Meyer, Russell L.; and Rosier, Kenneth M., 4,528,504, Cl. 324-158.00F.
- Rosin, Donald A.: *See—*
  - Field, Martin J.; Makusij, Andrew J.; and Rosin, Donald A., 4,505,296, Cl. 137-510.000.
- Rosin, Michael L.: *See—*
  - O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., 4,503,199, Cl. 525-455.000.
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  - O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., 4,552,917, Cl. 524-590.000.
  - O'Connor, James M.; Lickei, Donald L.; and Rosin, Michael L., 4,552,943, Cl. 528-50.000.
  - Raes, Maurice C.; O'Connor, James M.; and Rosin, Michael L., 4,497,913, Cl. 521-137.000.
- Rosink, Albert, to Trutzschler GmbH & Co. KG. Method and apparatus for coiling fiber sliver. 4,495,677, 1-29-85, Cl. 19-159.00R.
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- Rosler, Peter, to Rose-Plastic GmbH. Variable length packing container assembly. 4,509,656, 4-9-85, Cl. 220-8.000.
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- Rosman, Irwin E.; and Bourgeois, Hector S., to Rockwell International Corporation. Rotor blade and stator vane using ceramic shell. 4,519,745, 5-28-85, Cl. 416-96.00A.
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- Rosner, Stanley S. Method and apparatus for determining pressure differentials. 4,561,309, 12-31-85, Cl. 73-705.000.
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- Ross, Alan B. Method and apparatus for adapting photographic enlargers for use with large format negatives. 4,522,490, 6-11-85, Cl. 355-75.000.
- Ross, Alan R., to Eaton Corporation. Shifting mechanism. 4,498,350, 2-12-85, Cl. 74-89.150.
- Ross, Alexander S.: *See—*
  - Tarsia, Joseph; Ross, Alexander S.; and Gertsek, Marina, 4,497,574, Cl. 355-76.000.
- Ross, Alonzo H.: *See—*
  - Frackelton, A. Raymond, Jr.; Eisen, Herman N.; and Ross, Alonzo H., 4,543,439, Cl. 935-92.000.
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- Ross, Barry C.; Johnson, Graham; and Yeomans, Michael A., to Hoechst UK Limited. 3,3-di(acylthio)-2(4-allylthioazetidin-2-on-1-yl)propenoic acid ester compounds. 4,526,718, 7-2-85, Cl. 260-239.00A.
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  - Giles, George B.; Ross, Donald B.; McCallion, Joseph J.; and Sherritt, William C., 4,545,759, Cl. 431-344.000.
- Ross, Donald K.: *See—*
  - Drygalski, Gordon T.; Otto, Dennis L.; and Ross, Donald K., 4,556,225, Cl. 277-152.000.
- Ross, Donald L.: *See—*
  - Guimont, John M.; Manser, Gerald E.; and Ross, Donald L., 4,560,779, Cl. 549-510.000.
- Ross, Donald R. Apparatus and a process for heating a material. 4,496,477, 1-29-85, Cl. 252-629.000.
- Ross, Donald R. Process for treating radioactive salt cake. 4,501,690, 2-26-85, Cl. 252-628.000.
- Ross, Donald R., Sr., to U-S Safety Trolley Corp. Trolley rail. 4,550,231, 10-29-85, Cl. 191-23.00A.
- Ross, Edward E., to Del Monte Corporation. Machine and method for cleaning can flanges. 4,552,189, 11-12-85, Cl. 141-80.000.
- Ross, Gerald F., to Sperry Corporation. Baseband radar docking system. 4,510,496, 4-9-85, Cl. 343-5.0BD.
- Ross, Gilbert B.; and Stevens, Theodore E. Cultured onyx products and methods therefor. 4,544,584, 10-1-85, Cl. 428-15.000.
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- Ross, James W., Jr. Temperature insensitive potentiometric electrode system. 4,495,050, 1-22-85, Cl. 204-408.000.
- Ross, Janet: *See—*
  - Barnwell, Richard; Bushnell, Dennis; Nagamatsu, Henry T.; Bahi, Lakhdar; and Ross, Janet, 4,522,360, Cl. 244-204.000.
- Ross, Jerry H., to United States of America, Navy. Split-BUS multiprocessor system. 4,547,845, 10-15-85, Cl. 364-200.000.
- Ross, John B.: *See—*
  - Solomon, David H.; Ross, John B.; Girolamo, Mario; and Brett, Robert A., 4,536,016, Cl. 283-111.000.
- Ross, John M., to Continental Packaging Company, Inc. In-mold labeler—dual parison. 4,498,854, 2-12-85, Cl. 425-116.000.
- Ross, John P.; and Bernardi, Carl E., to National Semiconductor Corporation. Balanced force roller. 4,505,015, 3-19-85, Cl. 29-116.00R.
- Ross, Joseph: *See—*
  - DiMatteo, Paul; and Ross, Joseph, 4,494,874, Cl. 356-376.000.
- Ross, Joseph A.: *See—*
  - DiMatteo, Paul L.; Ross, Joseph A.; and Stern, Howard K., 4,508,452, Cl. 356-375.000.
  - Di Matteo, Paul L.; Ross, Joseph A.; and Stern, Howard K., 4,511,252, Cl. 356-375.000.
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  - Gartside, Robert J.; Johnson, Axel R.; and Ross, Joseph L., 4,552,645, Cl. 208-80.000.
- Ross, Julian R. H.: *See—*
  - Sambrook, Rodney M.; and Ross, Julian R. H., 4,522,940, Cl. 502-328.000.
  - Sambrook, Rodney M.; and Ross, Julian R. H., 4,530,918, Cl. 502-303.000.
- Ross, Katalin: *See—*
  - Marki, Gabriella M.; and Ross, Katalin, 4,538,312, Cl. 5-499.000.
- Ross, L. Wayne. Toothbrush. 4,524,478, 6-25-85, Cl. 15-106.000.
- Ross, Lawrence J.: *See—*
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- Ross, Leonard C.: *See—*
  - Gaines, Harold S.; and Ross, Leonard C., 4,506,578, Cl. 83-583.000.

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  - Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,508,834, Cl. 501-73.000.
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- Ross, M. Andrew. Compact crank drive mechanism. 4,532,819, 8-6-85, Cl. 74-44.000.
- Ross, Mark A., to Ross, Mark Anthony; and Hiseman, Robert Allen. Folding knife. 4,536,959, 8-27-85, Cl. 30-161.000.
- Ross, Mark Anthony: *See*—
  - Ross, Mark A., 4,536,959, Cl. 30-161.000.
- Ross, Oakley G.: *See*—
  - Kline, Mark L.; and Ross, Oakley G., 4,546,614, Cl. 62-62.000.
  - Kline, Mark L.; and Ross, Oakley G., 4,546,621, Cl. 62-514.00R.
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  - Scanlon, James E., 4,509,556, Cl. 137-884.000.
  - Thornton, Douglas M.; and Mathis, Logan H., 4,542,767, Cl. 137-596.160.
- Ross, Patrick D.: *See*—
  - Olson, Robert A.; and Ross, Patrick D., 4,536,837, Cl. 364-200.000.
- Ross, Peter W., to International Standard Electric Corporation. Liquid crystal display device. 4,508,427, 4-2-85, Cl. 350-335.000.
- Ross, Peter W.: *See*—
  - Crossland, William A.; Ross, Peter W.; and Ayliffe, Peter J., 4,511,926, Cl. 358-236.000.
- Ross, Richard J.; and Speller, David J., to Baker Oil Tools, Inc. Method of washing, injecting swabbing or flow testing subterranean wells. 4,498,536, 2-12-85, Cl. 166-250.000.
- Ross, Richard J., to Baker Oil Tools, Inc. Well tool setting assembly. 4,535,842, 8-20-85, Cl. 166-63.000.
- Ross, Richard J.; and Speller, David J., to Baker Oil Tools, Inc. Unloading injection control valve. 4,552,218, 11-12-85, Cl. 166-319.000.
- Ross, Robert E.: *See*—
  - Wang, Martha Y.; Michnowski, Jane; Hnat, Diane L.; and Ross, Robert E., 4,528,202, Cl. 426-550.000.
- Ross, Robert H.; and Larko, Robert C., to Seco/Warwick Corporation. Ingot pusher furnace. 4,540,363, 9-10-85, Cl. 432-148.000.
- Ross, Ronald J.; and Sherman, John D., to Union Carbide Corporation. Process for the preparation of high-level ion-exchanged forms of Zeolites F and Zeolite W. 4,556,550, 12-3-85, Cl. 423-328.000.
- Ross, Sidney D.; and Finkelstein, Manuel, to Sprague Electric Company. Aluminum electrolytic capacitor. 4,541,037, 9-10-85, Cl. 361-433.000.
- Ross, Sidney D.: *See*—
  - Finkelstein, Manuel; and Ross, Sidney D., 4,509,094, Cl. 361-314.000.
- Ross, Steven L.; and Tachovsky, Otto H., to General Signal Corporation. Azeotropic drying process. 4,517,751, 5-21-85, Cl. 34-10.000.
- Ross, Stuart E.: *See*—
  - Stone, George C.; and Ross, Stuart E., 4,501,424, Cl. 273-148.00B.
- Ross, William D.: *See*—
  - Rosen, Stanley D.; and Ross, William D., 4,526,065, Cl. 74-869.000.
- Ross, William E., to Litton Systems, Inc. Method and device for increasing the density of a plurality of switchable magnetic elements. 4,497,545, 2-5-85, Cl. 350-376.000.
- Ross, William E., to Litton Systems, Inc. Magneto-optic device for the control of electromagnetic radiation. 4,550,983, 11-5-85, Cl. 350-376.000.
- Ross, William E.: *See*—
  - Anderson, Robert H.; Ross, William E.; and Maki, Theodore R., 4,495,492, Cl. 340-783.000.
  - Cox, David L.; Ross, William E.; and Toche, Calvin A., 4,550,389, Cl. 365-37.000.
- Ross, William J.: *See*—
  - Baker, Stephen R.; Jamieson, William B.; Ross, William J.; and Todd, Alec, 4,513,005, Cl. 514-451.000.
  - Baker, Stephen R.; Lindstrom, Terry D.; Jamieson, William B.; and Ross, William J., 4,532,257, Cl. 514-470.000.
- Rossberger, Erwin: *See*—
  - Frohler, Hanns; and Rossberger, Erwin, 4,543,243, Cl. 423-478.000.
- Rossean, Larry D.: *See*—
  - Ambrosius, William H., III; and Rossean, Larry D., 4,543,646, Cl. 364-900.000.
  - Chung, Randall M.; and Rossean, Larry D., 4,549,262, Cl. 364-200.000.
- Rosseau, Richard B., to FMC Corporation. Debris collection system for street sweepers. 4,555,824, 12-3-85, Cl. 15-87.000.
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- Rosseau, Richard B.: *See*—
  - Bargiel, Douglas A.; Assony, Edward M.; Ha, Truong M.; and Rosseau, Richard B., 4,525,888, Cl. 15-83.000.
- Rosseel, Henri J.; and Deconinck, Filip N., to N.V. Weefautomaten Picanol. Device for electronically controlling loom components. 4,501,008, 2-19-85, Cl. 377-2.000.
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  - Kudelski, Stefan; and Rosselet, Ernest, 4,521,706, Cl. 310-67.00R.
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- Rossell Electronique SA: *See*—
  - Rossell, Jame, 4,500,768, Cl. 219-86.250.
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- Rossell, Thomas L. Electric fence gate switch. 4,511,771, 4-16-85, Cl. 200-61.730.
- Rosser, David G.: *See*—
  - Moore, Alan; Harman, Geoffrey E.; Rosser, David G.; and Clapham, Edward F., 4,546,604, Cl. 60-39.093.
- Rossetti, Nazareno: *See*—
  - Siligoni, Marco; and Rossetti, Nazareno, 4,501,933, Cl. 179-81.00R.
- Rossetti, Nazzareno: *See*—
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- Rossfelder, Andre M.; and Jung, Peter A., to Geomarex. High frequency vibratory systems for earth boring. 4,553,443, 11-19-85, Cl. 74-22.00R.
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  - Rossi, Claudio, 4,523,709, Cl. 228-48.000.
- Rossi, Albert, to Exxon Research & Engineering Co. Oil soluble ester pour point depressant additive for lubricants. 4,514,314, 4-30-85, Cl. 252-56.00D.
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- Rossi, Albert; Rehrer, David H.; Oswald, Alexis A.; Lewtas, Kenneth; and Tack, Robert D., to Exxon Research & Engineering Co. Additive combinations and fuels containing them. 4,546,137, 10-8-85, Cl. 524-217.000.
- Rossi, Alberto: *See*—
  - Ferrini, Pier G.; Rossi, Alberto; and Haas, Georges, 4,505,913, Cl. 514-183.000.
- Rossi, Alessandro: *See*—
  - Bernardi, Luigi; Lazzari, Ettore; Malnati, Maria L.; Mazzini, Giuseppe; Pegrassi, Lorenzo; and Rossi, Alessandro, 4,558,049, Cl. 514-234.000.
  - Merlini, Lucio; Rossi, Alessandro; and Buonamici, Metilde, 4,497,820, Cl. 514-432.000.
- Rossi, Antonio: *See*—
  - Gervasio, Vincenzo; and Rossi, Antonio, 4,556,801, Cl. 290-44.000.
- Rossi, Barbara A.: *See*—
  - Arnold, Emil; Baumgart, Helmut; and Rossi, Barbara A., 4,555,300, Cl. 156-613.000.
- Rossi & Catelli S.p.A.: *See*—
  - Catelli, Camillo, 4,543,879, Cl. 99-472.000.
- Rossi, Claudio, to Rossi AG Wetzikon, Werkzeug-und Spezialmaschinenbau. Apparatus for aligning and supporting similar bodies. 4,523,709, 6-18-85, Cl. 228-48.000.
- Rossi, Cristiano, to Comau S.p.A. Expanded car body welding assembly system. 4,494,687, 1-22-85, Cl. 228-47.000.
- Rossi, Gianrico, to Edwards Alto Vuoto S.p.A. Loading equipment for lyophilization apparatus. 4,506,455, 3-26-85, Cl. 34-5.000.
- Rossi, Gianrico, to Edwards Alto Vuoto S.p.A. Device for controlling the position of product containers carrying plates of a lyophilization and the like apparatus. 4,516,333, 5-14-85, Cl. 34-92.000.
- Rossi, Giulio A., to Norton Company. Process for the preparation of ceramic powders. 4,501,818, 2-26-85, Cl. 501-1.000.
- Rossi, Guglielmo; and Gemma, Mario, to Ranco Incorporated. Thermostat with temperature pull-down facility. 4,510,480, 4-9-85, Cl. 337-321.000.
- Rossi, Guglielmo, to Ranco Incorporated. Control unit for refrigerators or freezers. 4,510,765, 4-16-85, Cl. 62-154.000.
- Rossi, Pietro P.; and Anastasio, Maurizio, to SNIA Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A. Esters of polyvalent alcohols, process for preparing them and their use as lubricating oils. 4,491,528, 1-1-85, Cl. 252-56.00S.
- Rossi, Remo J., to Grady, John K. Moving X-ray mask with spiral window. 4,541,107, 9-10-85, Cl. 378-146.000.
- Rossi, Robert D.; and Ray-Chaudhuri, Dilip K., to National Starch and Chemical Corporation. Monomeric disulfonimides. 4,510,324, 4-9-85, Cl. 564-82.000.
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Rossie, Egbert; and Feucht, Klaus, to Audi NSU Auto Union Aktiengesellschaft. Guidance system for window panes of vehicles. 4,503,639, 3-12-85, Cl. 49-374.000.

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Rossiter, Thomas E. Metal fence post. 4,542,885, 9-24-85, Cl. 256-69.000.

Rosskopf, Gerhard, to Intermedicat GmbH. Method for triggering an alarm in an infusion syringe. 4,560,979, 12-24-85, Cl. 340-540.000.

Rosslenbroich, Hans-Jurgen: *See—*
  Kuhle, Engelbert; Brandes, Wilhelm; Rosslenbroich, Hans-Jurgen; and Klauke, Erich, 4,496,575, Cl. 514-390.000.
  Kuhle, Engelbert; Paulus, Wilfried; Genth, Hermann; Reinecke, Paul; and Rosslenbroich, Hans-Jurgen, 4,547,517, Cl. 514-390.000.
  Naumann, Klaus; Scheinpflug, Hans; Rosslenbroich, Hans-Jurgen; and Paul, Volker, 4,537,888, Cl. 514-228.000.

Rossler, Kurt. Waste comminuting apparatus. 4,520,964, 6-4-85, Cl. 241-55.000.

Rossler, Sonja: *See—*
  Ploch, Siegfrid; Rossler, Sonja; Zeisberg, Peter; and Heilmann, Horst, 4,554,804, Cl. 66-214.000.

Rossmann, Axel; and Huether, Werner, to MTU Motoren-und Turbinen-Union Munchen GmbH. Blade for a fluid flow engine and method for manufacturing the blade. 4,492,522, 1-8-85, Cl. 416-241.00R.

Rossmann, Axel, to MTU Motoren-und Turbinen-Union Munchen GmbH. Hot gas wetted turbine blade. 4,512,719, 4-23-85, Cl. 416-241.00B.

Rossmann, Axel; and Merz, Herbert, to MTU Motoren-und Turbinen-Union Munchen GmbH. Turbocompressor provided with an abradable coating. 4,536,127, 8-20-85, Cl. 415-174.000.

Rossmann, Axel: *See—*
  Huther, Werner; and Rossmann, Axel, 4,511,612, Cl. 428-36.000.

Rossmann, Christian: *See—*
  Meyer, Dieter; Rossmann, Christian; and Zetzsche, Friedbert, 4,539,117, Cl. 210-639.000.
  Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.
  Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,548,729, Cl. 252-174.210.

Rossmann, William F. Tight-grip wrench. 4,534,245, 8-13-85, Cl. 81-90.100.

Rossmo, William. Leaf cutter bee larvae extracting device. 4,557,005, 12-10-85, Cl. 6-12.00R.

Rossmy, Gerd: *See—*
  Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, 4,520,173, Cl. 525-403.000.

Rosso Industrie S.p.A.: *See—*
  Rosso, Pietro, 4,509,666, Cl. 223-39.000.

Rosso, John B., to Combustion Engineering, Inc. Frequency to voltage converter for a predetermined frequency range. 4,539,523, 9-3-85, Cl. 328-141.000.

Rosso, Pietro, to Rosso Industrie S.p.A. Stocking turning device. 4,509,666, 4-9-85, Cl. 223-39.000.

Rossow, Eberhard, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Evaluation device for electron-optical images. 4,523,094, 6-11-85, Cl. 250-311.000.

Rosstream Research Assoc. Ltd.: *See—*
  Gervais, William J., 4,535,370, Cl. 360-60.000.

Rosstream Research Associates, Ltd.: *See—*
  Otis, Douglas A., 4,492,993, Cl. 360-74.500.

Rossum, David P., to E-MU Systems, Inc. Electronic musical instrument. 4,506,579, 3-26-85, Cl. 84-1.010.

Rosswurm, Mark A., to Westinghouse Electric Corp. Tracking filter for sensing DC content in an AC waveform. 4,556,842, 12-3-85, Cl. 324-102.000.

Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, to BASF Aktiengesellschaft. 6-aryl-4,5-dihydro-3(2H)-pyridazinones, and their use as anti-hypertensive and anti-thrombocyte agents. 4,544,562, 10-1-85, Cl. 514-247.000.

Rost, David P.: *See—*
  Schwab, Carl E.; Rost, David P.; Hackenberg, William; and Holcombe, Paul, 4,516,125, Cl. 343-7.700.

Rost, Friedrich-Wilhelm: *See—*
  Furch, Benjamin; and Rost, Friedrich-Wilhelm, 4,545,755, Cl. 425-420.000.

Rost, Georg: *See—*
  Strangfeld, Reiner, 4,557,000, Cl. 4-324.000.

Rost, Karl H. Textile yarn carrier. 4,545,222, 10-8-85, Cl. 68-198.000.

Rosteck, Paul R., Jr.: *See—*
  Hershberger, Charles L.; Radue, Anna K.; and Rosteck, Paul R., Jr., 4,506,013, Cl. 435-172.300.
  Hershberger, Charles L.; and Rosteck, Paul R., Jr., 4,530,904, Cl. 435-172.300.

Rosthauser, James W., to Mobay Chemical Corporation. Process for coating aqueous dispersion of epoxy resin and blocked polyisocyanate containing chemically incorporated anionic hydrophilic groups. 4,522,851, 6-11-85, Cl. 427-386.000.

Rosthauser, James W.: *See—*
  Chung, James Y. J.; and Rosthauser, James W., 4,522,979, Cl. 525-66.000.
  Markusch, Peter H.; Rosthauser, James W.; and Beatty, Michael C., 4,501,852, Cl. 524-591.000.

Rostoker, David, to Norton Company. Glass bonded abrasive agglomerates. 4,541,842, 9-17-85, Cl. 51-296.000.

Rostoker, William: *See—*
  Galante, Jorge O.; and Rostoker, William, 4,536,894, Cl. 623-22.000.

Rostokinsky, Vladimir V.: *See—*
  Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V., 4,491,683, Cl. 136-259.000.

Rostron, Joseph R.; and Perulfi, John R., to Westinghouse Electric Corp. Current transformer. 4,510,477, 4-9-85, Cl. 336-92.000.

Rostrup-Nielsen, Jens R.: *See—*
  Pedersen, Karsten; Rostrup-Nielsen, Jens R.; and Jorgensen, Ib G. H., 4,511,674, Cl. 518-714.000.
  Pedersen, Karsten; Rostrup-Nielsen, Jens R.; Jorgensen, Ib G. H.; and Andersen, Kjeld J., 4,540,714, Cl. 518-714.000.
  Skov, Allan; and Rostrup-Nielsen, Jens R., 4,520,216, Cl. 585-315.000.

Roszinski, Hilmar: *See—*
  Gradl, Reinhard; and Roszinski, Hilmar, 4,556,548, Cl. 423-321.00S.

Roszkowski, Margaret L.: *See—*
  Castleman, Lawrence D., 4,547,915, Cl. 623-6.000.

Rotabo Industries Inc.: *See—*
  Bolwig, Rolf W., 4,516,192, Cl. 362-107.000.

Rotabolt Limited: *See—*
  Hirst, John A. B., 4,525,114, Cl. 411-9.000.

Rotaflex plc: *See—*
  Herbert, Tony E. G., 4,508,400, Cl. 339-22.00R.
  Stuart, Robert A., 4,492,420, Cl. 339-22.00R.
  Stuart, Robert A., 4,557,547, Cl. 339-184.00R.

Rotaque (Proprietary) Limited: *See—*
  Brouwer, Cornelis, 4,550,665, Cl. 105-241.200.

Rotat, Gerard: *See—*
  Lassallette, Jean L.; Lepere, Guy; and Rotat, Gerard, 4,531,124, Cl. 343-5.0DP.

Rotblum, Yehuda: *See—*
  Freyman, Ronald L.; and Rotblum, Yehuda, 4,546,276, Cl. 307-578.000.

Rote, George B.: *See—*
  Hitchens, Max W.; and Rote, George B., 4,512,747, Cl. 434-428.000.

Rotec Industries, Inc.: *See—*
  Oury, Robert F.; and Arndt, Charles J., 4,531,630, Cl. 198-505.000.

Rotella, Thomas B. Compact exercise device. 4,515,364, 5-7-85, Cl. 272-143.000.

Rotem, Abraham I., to FDX Patents Holding Company, N.V. Thermal-mechanical treatment for copper alloys. 4,533,412, 8-6-85, Cl. 148-411.000.

Rotesco Inc.: *See—*
  Lang, John G., 4,527,426, Cl. 73-158.000.
  Lang, John G., 4,546,316, Cl. 324-262.000.
  Tomaiuolo, Frank G.; and Lang, John G., 4,495,465, Cl. 324-232.000.

Roth, Albert. Zoned intrusion display with series-connected sensors. 4,523,185, 6-11-85, Cl. 340-524.000.

Roth, Alfred H., to General Electric Environmental Services, Inc. Staggered method cleaning cycle for fabric filter system including multiple-baghouses. 4,507,130, 3-26-85, Cl. 55-96.000.

Roth, Cary A.: *See—*
  Kar, Nareshchandra J.; and Roth, Cary A., 4,560,175, Cl. 277-92.000.

Roth, David A., to General Electric Company. Nuclear image display controller. 4,497,024, 1-29-85, Cl. 364-414.000.

Roth, David J.; Culler, Lawrence R.; and Heifner, Ralph D., to Atlantic Richfield Company. Metal recovery compression mechanism. 4,527,779, 7-9-85, Cl. 266-227.000.

Roth, David W.: *See—*
  Dickson, James; Nienart, Louis F.; and Roth, David W., 4,503,085, Cl. 427-34.000.

Roth, Donald J.; Kubis, Charles S.; Walter, John; and Mohr, Glenn R., to Continental Can Company, Inc. Heating system for and method of finally bonding container end unit to body. 4,519,859, 5-28-85, Cl. 156-69.000.

Roth, Donald J.; Kubis, Charles S.; and Walter, John, to Continental Can Company, Inc. Combination machine for assembling container components. 4,548,668, 10-22-85, Cl. 156-357.000.

Roth, Donald J., to Continental Packaging Company, Inc. Method of hot filling and closing a container. 4,560,566, 12-24-85, Cl. 426-399.000.

Roth, Donals J.; Kubis, Charles S.; and Walter, John, to Continental Packaging Company, Inc. Drawn can for food and the like. 4,503,990, 3-12-85, Cl. 220-276.000.

Roth, Douglas D.; and Ethridge, Fredrick A., to Celanese Corporation. Method for melt spinning polyester filaments. 4,514,350, 4-30-85, Cl. 264-176.00F.

Roth, George: *See—*

Henes, Martin E.; and Roth, George, 4,545,603, Cl. 281-21.00A.

Roth, Herbert R.: *See—*

Lawson, John E.; Matier, William L.; and Roth, Herbert R., 4,517,188, Cl. 514-394.000.

Roth, Ian S.: *See—*

Stallings, Charles H.; Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.

Roth, Jan, to AB Volvo. Differential gear mechanism. 4,543,854, 10-1-85, Cl. 74-713.000.

Roth, Johann, to Braun Aktiengesellschaft. Method of soldering circuit boards with solder-repellent contacts. 4,511,076, 4-16-85, Cl. 228-180.100.

Roth, John A.; and Roth, Lynette B., to Hughes Aircraft Company. Improved superconductor/semiconductor junction structures. 4,495,510, 1-22-85, Cl. 357-5.000.

Roth, Jurgen: *See—*

Bruning, Rolf; and Roth, Jurgen, 4,499,191, Cl. 436-160.000.

Roth, Kurt: *See—*

Buhler, Ulrich; Ribka, Joachim; Tappe, Horst; and Roth, Kurt, 4,505,856, Cl. 534-753.000.

Roth, Lynette B.: *See—*

Roth, John A.; and Roth, Lynette B., 4,495,510, Cl. 357-5.000.

Roth, Martin; and Stahn, Bernhard, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Clutch and brake with bearing protection. 4,493,405, 1-15-85, Cl. 192-18.00R.

Roth, Martin, to Ciba-Geigy Corporation. Photocrosslinkable water-soluble polymers, containing maleimidyl and quaternary ammonium groups process for their preparation and use thereof. 4,544,621, 10-1-85, Cl. 430-271.000.

Roth, Martin: *See—*

Kvita, Vratislav; Zweifel, Hans; Roth, Martin; and Felder, Louis, 4,505,794, Cl. 204-159.240.

Kvita, Vratislav; Zweifel, Hans; Roth, Martin; and Felder, Louis, 4,506,083, Cl. 549-27.000.

Riediker, Martin; Rohde, Ottmar; Roth, Martin; and Buhler, Niklaus, 4,548,891, Cl. 430-283.000.

Roth, Myron A., Jr.: *See—*

DeVries, Henry L.; Roth, Myron A., Jr.; and Roth, William A., 4,502,741, Cl. 312-108.000.

Roth, Reinhold C.; and Terra, Richard F., to Techmark Corporation. Method and apparatus for uniformly drying moving webs. 4,498,864, 2-12-85, Cl. 432-8.000.

Roth, Robert G. Forming machine including drive mechanism having rack and gear synchronization. 4,519,231, 5-28-85, Cl. 72-88.000.

Roth, Rolf, to Robert Bosch GmbH. Digital circuit multi-test system with automatic setting of test pulse levels. 4,510,439, 4-9-85, Cl. 324-73.0AT.

Roth, Siegfried; and Stenzenberger, Horst, to Dornier GmbH; and Technochemie GmbH-Verfahrenstechnik. Preformed, laminated plastic panels. 4,555,426, 11-26-85, Cl. 428-113.000.

Roth, Sydney J.: *See—*

Marino, Joseph A.; Kling, Michael J.; and Roth, Sydney J., 4,502,324, Cl. 73-117.300.

Roth, Wilfred; and Meeker, C. Irving. Method and device for reversible sterilization in mammals. 4,523,590, 6-18-85, Cl. 128-325.000.

Roth, William A.: *See—*

DeVries, Henry L.; Roth, Myron A., Jr.; and Roth, William A., 4,502,741, Cl. 312-108.000.

Roth, Wolfgang, to Deere & Company. Self tensioning belt drive. 4,518,373, 5-21-85, Cl. 474-109.000.

Rothauser, Ernst H.: *See—*

Bux, Werner K.; Dixon, Roy C.; and Rothauser, Ernst H., 4,539,679, Cl. 370-88.000.

Rothchild, Ronald D. Treatment of tobacco under pressure in a continuous process. 4,561,453, 12-31-85, Cl. 131-304.000.

Rothe, Hans-Jochen: *See—*

Hofmann, Hansdieter; Rothe, Hans-Jochen; Skupin, Georg; and Wolff, Konrad, 4,528,362, Cl. 528-336.000.

Rothe, Ulrich: *See—*

Dittmar, Heinz; Beckmann, Manfred; Dorr, Karl-Heinz; Rothe, Ulrich; and Sander, Ulrich, 4,533,537, Cl. 423-522.000.

Rotheiser, Jordan I.: *See—*

Hickman, John R.; Kriska, Nicholas J.; Brechtelsbauer, Jeffrey H.; Mediate, Bruno A.; and Rotheiser, Jordan I., 4,541,541, Cl. 220-253.000.

Rothenbacher, Peter; and Vomhoff, Erich, to Schwabische Huttenwerke GmbH. Arrangement for manufacturing or treating web material. 4,503,626, 3-12-85, Cl. 34-110.000.

Rothenberg, Carl, to United States of America, Air Force. Wide angle phased array dome lens antenna with a reflection/transmission switch. 4,491,845, 1-1-85, Cl. 343-754.000.

Rothenberg, Carl; Stangel, John J.; and Valentino, Pasquale A., to Sperry Corporation. Optically coupled, array antenna. 4,507,662, 3-26-85, Cl. 343-376.000.

Rothenberg, Irwin P., to Stik-Trim Industries, Incorporated. Self-adhesive wall covering or the like and method of making same. 4,555,441, 11-26-85, Cl. 428-284.000.

Rothenberg, Lee M., Jr., to International Honeycomb Corporation. Toy construction kit. 4,521,203, 6-4-85, Cl. 446-106.000.

Rothenberger, Robert: *See—*

Hulett, John G.; and Rothenberger, Robert, 4,512,830, Cl. 156-70.000.

Rother, Bruno; and Trommen, Hartmut, to G.A. Pfleiderer GmbH & Co. KG. Apparatus for the manufacture of conical hollow poles of fiber reinforced synthetic resin. 4,515,547, 5-7-85, Cl. 425-215.000.

Rothera, Jacques: *See—*

Gueguen, Daniel; and Rothera, Jacques, 4,497,458, Cl. 242-107.40B.

Rotherham, William D. B. Building block. 4,532,748, 8-6-85, Cl. 52-605.000.

Rothermel, William F.; Matthews, John P.; Walker, James W.; and Coulter, Wallace H., to Coulter Electronics, Inc. Cassette for supporting test tubes of different diameters and/or lengths. 4,534,465, 8-13-85, Cl. 206-443.000.

Rothfuss, Hans; Wieland, Gunter; and Schreiter, Peter, to Didier-Werke AG. Unfired refractory structural member in the form of a plate for use as an expendable lining of metallurgical vessels. 4,545,568, 10-8-85, Cl. 266-280.000.

Rothfuss, Robert G.; Kuhl, David K.; Bilotti, Federico; Melling, Hugh; and Mills, Earl J., to Senmed, Inc. Ligator. 4,534,351, 8-13-85, Cl. 128-334.00R.

Rothfuss, Werner: *See—*

Kuehn, Volker; Rothfuss, Werner; and Widmaier, Richard, 4,511,421, Cl. 156-356.000.

Rothgery, Eugene F.: *See—*

Henderson, Richard; Rothgery, Eugene F.; and Schroeder, Hansjuergen A., 4,496,559, Cl. 514-188.000.

Rothkegel, Bernhard: *See—*

Schreiner, Horst; and Rothkegel, Bernhard, 4,543,223, Cl. 264-120.000.

Rothkegel, Josef: *See—*

Jorns, Peter; Meyer, Norbert; Rausch, Werner; Rothkegel, Josef; Luckhardt, Gunther; and Volling, Gudrun, 4,559,087, Cl. 148-6.15Z.

Rothley, Manfred; Zabler, Erich; Neuffer, Kurt; and Reinhart, Karl-Franz, to Robert Bosch GmbH. Gear tooth position and speed sensor with four, bridge circuit connected, magnetic resistance tracks. 4,506,217, 3-19-85, Cl. 324-208.000.

Rothman, Alan M., to Rohm and Haas Company. Monitoring method for polyacrylic acids in aqueous systems. 4,514,504, 4-30-85, Cl. 436-85.000.

Rothman, Ulf S. E.; and Jacobsson, Sten A. L., to Pharmacia AB. Method for cleansing fluid discharging skin surfaces, wounds and mucous membranes and means for carrying out the method. 4,537,767, 8-27-85, Cl. 424-78.000.

Rothman, Ulf S. E. Polypeptide fractions from mussel for medical use. 4,550,020, 10-29-85, Cl. 424-88.000.

Rothmans of Pall Mall Canada Limited: *See—*

Brackmann, Warren A., 4,512,353, Cl. 131-304.000.

Brackmann, Warren A.; and Snaidr, Stanislav M., 4,557,278, Cl. 131-109.100.

Rothstein, Robert A., to Manostat Corporation. Variable displacement peristaltic pump. 4,547,136, 10-15-85, Cl. 417-475.000.

Rothstein, Sven O., to Frigoscandia Contracting AB. Apparatus for continuous direct treatment of products by means of a fluid cooling medium. 4,517,814, 5-21-85, Cl. 62-374.000.

Rothwell, Harold L.; and English, George J., to GTE Products Corporation. Method of fabricating an arc tube for an arc discharge lamp. 4,540,373, 9-10-85, Cl. 445-22.000.

Rothwell, Harold L.: *See—*

Fohl, Timothy; Keeffe, William M.; and Rothwell, Harold L., 4,499,396, Cl. 313-25.000.

Rothwell, Harold L., Jr.; and English, George J., to GTE Products Corporation. Single-ended metal halide discharge lamp with minimal color separation. 4,528,478, 7-9-85, Cl. 313-631.000.

Rothwell, Harold L., Jr.; and English, George J., to GTE Products Corporation. Metal halide discharge lamp gas fill process to provide minimal color separation. 4,557,700, 12-10-85, Cl. 445-53.000.

Rotilio, James V. Adapter kit for tungsten-inert-gas torches. 4,524,260, 6-18-85, Cl. 219-75.000.

Rotman, M. Boris, to Brown University Research Foundation Inc. Cytotoxicity assays in cell culturing devices. 4,559,299, 12-17-85, Cl. 435-29.000.

Roto-Finish Company, Inc.: *See—*

Balz, Gunther W., 4,499,692, Cl. 51-313.000.

Roto-Master, Inc.: *See—*

MacInnes, Hugh; Meyer, Jon A.; Johnston, Andrew E.; and Fort, John W., Jr., 4,504,187, Cl. 415-1.000.

MacInnes, Hugh, 4,530,640, Cl. 415-144.000.

Rotolico, Anthony J., to Eutectic Corporation. Torch flame spray system. 4,519,541, 5-28-85, Cl. 239-1.000.

Rotondo, Philip L.; and Rotondo, Thomas J. Method for making reinforced concrete products. 4,504,428, 3-12-85, Cl. 264-34.000.

Rotondo, Philip L.; and Rotondo, Thomas J. Apparatus for making reinforced concrete products. 4,522,579, 6-11-85, Cl. 425-126.00R.

Rotondo, Richard D. Device for altering cam profile. 4,491,098, 1-1-85, Cl. 123-90.160.

- Rotondo, Thomas J.: *See—*
  - Rotondo, Philip L.; and Rotondo, Thomas J., 4,504,428, Cl. 264-34.000.
  - Rotondo, Philip L.; and Rotondo, Thomas J., 4,522,579, Cl. 425-126.00R.
- Rotoplas Ltd.: *See—*
  - Rosen, Haim, 4,519,964, Cl. 264-45.400.
- Rotork Controls Limited: *See—*
  - Fry, Jeremy J., 4,546,671, Cl. 74-625.000.
- Rotorque Associates: *See—*
  - Reinhold, William R., 4,506,637, Cl. 123-246.000.
- Rotpunkt Dr. Anso Zimmermann: *See—*
  - Zimmermann, Anso, 4,531,383, Cl. 62-457.000.
  - Zimmermann, Anso, 4,553,676, Cl. 215-13.00R.
- Rotramel, George L.; Veilleux, Daniel P.; and Allen, Joseph L., to Union Carbide Corporation. Pest repellant. 4,511,579, 4-16-85, Cl. 514-490.000.
- Rotring-Werke Riepe KG: *See—*
  - Anderka, Gerold; and Tenhagen, Rolf, 4,549,828, Cl. 401-258.000.
- Rotron Incorporated: *See—*
  - Brown, Fred A., 4,494,028, Cl. 310-156.000.
  - Brown, Fred A.; and Grouse, Alan F., 4,506,218, Cl. 324-158.0MG.
  - Brown, Fred A.; and Grouse, Alan F., 4,553,075, Cl. 318-254.000.
  - Harris, Dwight E., 4,542,768, Cl. 137-856.000.
- Rott, Joachim; Thelen, Wolfgang; and Hesselbrock, Bernd, to Krone GmbH. Measuring apparatus for the automatic measurement of speed, travelled distance and directional changes of a movable body. 4,506,353, 3-19-85, Cl. 367-91.000.
- Rott, Willi: *See—*
  - Lennartz, Rudiger; Rott, Willi; and Sindorf, Heinz, 4,518,501, Cl. 210-411.000.
- Rottenbacher, Reinhard, to Dornier System GmbH. Method of brazing silicon carbide parts using Si-Co solder. 4,499,360, 2-12-85, Cl. 219-85.00H.
- Rotter, Carl W. Obstetric device and method. 4,520,807, 6-4-85, Cl. 128-132.00D.
- Rottgen, Karl; Stendel, Joachim; and Diskowski, Herbert, to Hoechst Aktiengesellschaft. Process for the electrothermal production of yellow phosphorus. 4,537,756, 8-27-85, Cl. 423-323.000.
- Rottger, Klaus, to Siemens Aktiengesellschaft. Adjacent radio cells paging channel chaining system. 4,527,284, 7-2-85, Cl. 455-33.000.
- Rottler, Donald; and Engnell, David, to Rottler Manufacturing, Inc. Short-stroking honing machine. 4,550,530, 11-5-85, Cl. 51-34.00R.
- Rottler, Donald B.; and Engnell, David, to Rottler Manufacturing, Inc. Sled for fixturing engine blocks. 4,541,620, 9-17-85, Cl. 269-46.000.
- Rottler, Donald B. Combination boring and honing apparatus and method. 4,557,640, 12-10-85, Cl. 408-27.000.
- Rottler Manufacturing, Inc.: *See—*
  - Rottler, Donald; and Engnell, David, 4,550,530, Cl. 51-34.00R.
  - Rottler, Donald B.; and Engnell, David, 4,541,620, Cl. 269-46.000.
- Rottler, Wolfgang: *See—*
  - Bruggen, Gerhard; Karr, Dieter; and Rottler, Wolfgang, 4,561,064, Cl. 364-561.000.
- Rottmaier, Ludwig: *See—*
  - Dhein, Rolf; Rottmaier, Ludwig; Merten, Rudolf; and Siebourg, Wolfgang, 4,520,147, Cl. 524-100.000.
  - Schellhammer, Karl-Wolfgang; Rottmaier, Ludwig; Merten, Rudolf; and Schimmel, Ulrich, 4,551,263, Cl. 252-186.390.
- Rotz, C. Alan: *See—*
  - Wilde, Bernard D.; Van Ee, Gary R.; Ledebuhr, Richard L.; and Rotz, C. Alan, 4,524,572, Cl. 56-327.00R.
- Rotzler, Frank, to R W M-Raster-Werkzeugmaschinen GmbH. Gripping feeder for strip or wire stock. 4,552,294, 11-12-85, Cl. 226-142.000.
- Rouaud, Christian: *See—*
  - de Villepoix, Raymond; Fages, Jean; Forges, Robert; Abbes, Claude; and Rouaud, Christian, 4,561,662, Cl. 277-229.000.
- Roubalova, Alena: *See—*
  - Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Roubalova, Alena, 4,554,100, Cl. 260-112.50R.
- Roudebush, Brooks: *See—*
  - Galbreath, Donald E.; Roudebush, Brooks; and O'Donnell, Robert N., 4,545,523, Cl. 232-43.100.
- Rouette, Andre: *See—*
  - Lafortune, Lucien; and Rouette, Andre, 4,500,006, Cl. 215-224.000.
- Rouge, Francois. Multi-layer electric circuit board and blanks therefor. 4,524,239, 6-18-85, Cl. 174-68.500.
- Rouge, Jean, to Thomson-CSF. Acoustic polarimeter. 4,501,150, 2-26-85, Cl. 73-628.000.
- Rougeolle, Daniel; and Porrot, Pascal, to Thomson-CSF. Digital method and device for correcting the phase error of a sampled signal as applicable to the correction of television signals. 4,503,453, 3-5-85, Cl. 358-13.000.
- Rougeolle, Daniel; and Porrot, Pascal, to Thomson-CSF. Process and device for sampling a sine wave signal by a multiple frequency signal. 4,541,009, 9-10-85, Cl. 358-13.000.
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  - Porrot, Pascal; and Rougeolle, Daniel, 4,506,333, Cl. 364-487.000.
- Rougerie, Jacques. Floating and nonsubmersible nautical craft. 4,494,472, 1-22-85, Cl. 114-66.000.
- Rouhotas, Louie M., Sr. Agricultural planter with sled frame, vacuum dispensing and ground drive. 4,493,272, 1-15-85, Cl. 111-59.000.
- Roule, Richard L.; Sorbo, Peter J.; and Kimball, John J., to American Bank Note Company. Web of adhesive labels. 4,533,586, 8-6-85, Cl. 428-137.000.
- Rouleau, Robert J. Hanging bracket for suspending overhead signs. 4,520,984, 6-4-85, Cl. 248-489.000.
- Roullet, Alain; and Lermuzeaux, Andre, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Apparatus for providing a continuous stream of a cryogenic liquid and in particular liquid nitrogen. 4,546,609, 10-15-85, Cl. 62-49.000.
- Roullet, Alain: *See—*
  - Louradour, Pierre; and Roullet, Alain, 4,541,251, Cl. 62-64.000.
- Roullet, Andre: *See—*
  - Albarello, Alain; Roullet, Andre; and Pimentel, Alberto, 4,492,936, Cl. 332-19.000.
- Roullet, Gilbert; and Legrand, Pierre, to Rhone-Poulenc Industries. Polymer coating composition and its use in the manufacture of layered packaging. 4,544,698, 10-1-85, Cl. 524-503.000.
- Roulot, Maurice. Light source with acousto-optic deflector and afocal lens system. 4,556,290, 12-3-85, Cl. 350-358.000.
- Rouly, Eric; and Douville, Jean-Pierre, to Societe d'Exploitation des Machines Dubuit. Silk screen printing machine. 4,498,386, 2-12-85, Cl. 101-40.000.
- Rouly, Eric; Baquet, Philippe; and Dubuit, Jean-Louis, to Societe d'Exploitation des Machines Dubuit. Flat silk-screen printing machine with movable pivoted support. 4,520,726, 6-4-85, Cl. 101-123.000.
- Roumeguere, Michel: *See—*
  - Champon, Jacques; Maurice, Bruno; and Roumeguere, Michel, 4,554,568, Cl. 357-13.000.
- Rounds, Hugh G.: *See—*
  - Schoenrock, Karlheinz W. R.; Henscheid, Thomas H.; and Rounds, Hugh G., 4,501,814, Cl. 435-94.000.
- Rounds, Nicholas A., to Rohm and Haas Company. Dust cover. 4,514,439, 4-30-85, Cl. 427-54.100.
- Rounds, Nicholas A. Coated substrate. 4,535,030, 8-13-85, Cl. 428-413.000.
- Rounkles, Rodney G.; and Holder, Billy W., to Ethyl Molded Products Company. Spray nozzle. 4,530,466, 7-23-85, Cl. 239-327.000.
- Rountree, Philip L. Color print system. 4,529,301, 7-16-85, Cl. 355-77.000.
- Rourke, Jonathan M.; and Whitney, Daniel E., to Charles Stark Draper Laboratory, Inc., The. Remote center compliance device. 4,556,203, 12-3-85, Cl. 267-141.100.
- Rouse, David G.; and Wilkinson, Christopher F., to Marconi Company Limited, The. Radar apparatus. 4,562,438, 12-31-85, Cl. 343-17.10R.
- Rouse, David M.: *See—*
  - Blood, Mark L.; Darnell, Joseph W.; Fergeson, Allen D.; and Rouse, David M., 4,554,659, Cl. 370-88.000.
- Rouse, Donald W.; and Horwitz, Lawrence B., to Sangamo Weston, Inc. Correlation detectors for use in direct sequence spread spectrum signal receiver. 4,561,089, 12-24-85, Cl. 370-18.000.
- Rouse, Michael W., to Waste Recovery, Inc. Material guide and cleaner for comminuting apparatus. 4,519,550, 5-28-85, Cl. 241-167.000.
- Rouse, Michael W.; and Thelen, Robert L., to Waste Recovery, Inc. Scrap shredding apparatus having cutter discs of different thickness. 4,560,112, 12-24-85, Cl. 241-236.000.
- Rouse, Michael W.; and Thelen, Robert L., to Waste Recovery, Inc. Triple gate valve assembly. 4,561,467, 12-31-85, Cl. 137-624.180.
- Rouse, Russell V., to Snapper Power Equipment, Division of Fuqua Industries, Inc. Lawn mower friction drive mechanism. 4,498,552, 2-12-85, Cl. 180-70.100.
- Rousey, James R. Bidirectional plumb bob level. 4,495,707, 1-29-85, Cl. 33-392.000.
- Rousseau, Alan D.; Fohrenkamm, Elsie A.; and Kausch, William L., to Minnesota Mining and Manufacturing Company. Water developable positive acting lithographic printing plate. 4,507,382, 3-26-85, Cl. 430-275.000.
- Rousseau, Alan D.: *See—*
  - Fohrenkamm, Elsie A.; and Rousseau, Alan D., 4,511,646, Cl. 430-283.000.
- Rousseau, Carl H. Apparatus for and method of obtaining improved dental castings. 4,508,155, 4-2-85, Cl. 164-35.000.
- Rousseau, George L., to Pullman Standard, Inc. Door lever adjusting device for hopper car doors. 4,508,037, 4-2-85, Cl. 105-290.000.
- Rousseau, Gerard, to Societe Nationale Industrielle et Aerospatiale. Process for manufacturing a high-performance thermal performance material. 4,508,762, 4-2-85, Cl. 427-228.000.
- Rousseau, Jean: *See—*
  - Loriot, Pierre; Rendu, Michel; and Rousseau, Jean, 4,493,813, Cl. 376-409.000.
- Rousseau, Michel. Paint can holder. 4,534,528, 8-13-85, Cl. 248-210.000.
- Rousseau, Thierry: *See—*
  - Bedu, Marcel; and Rousseau, Thierry, 4,507,606, Cl. 324-158.00R.
- Roussel, Jacques, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Method and apparatus for in-situ mining by leaching ores containing metal values. 4,498,705, 2-12-85, Cl. 299-4.000.
- Roussel, Michel: *See—*
  - Courty, Philippe; Roussel, Michel; Leporq, Serge; Le Page, Jean-Francois; and Varin, Philippe, 4,533,650, Cl. 502-84.000.
  - Courty, Philippe; Roussel, Michel; Varin, Philippe; Le Page, Jean-Francois; and Leporq, Serge, 4,535,067, Cl. 502-84.000.
  - Kunicki, Maryan; and Roussel, Michel, 4,522,648, Cl. 75-24.000.
- Roussel, Philippe, to Lasag AG. Optical head of an installation for observation and treatment of the eye by laser radiation. 4,499,897, 2-19-85, Cl. 128-303.100.
- Roussel, Philippe, to Lasag AG. Contact lens for observation or irradiation of the eye. 4,506,962, 3-26-85, Cl. 351-160.00R.

- Roussel Uclaf: *See—*
  - Allais, Andre; Clemence, Francois; Deraedt, Roger; and Lemartret, Odile, 4,518,775, Cl. 544-92.000.
  - Apontoweil, Peter; and Kok, Johannes A. G., 4,537,768, Cl. 424-89.000.
  - Barton, Derek H. R.; Motherwell, William B.; and Zard, Sammir Z., 4,501,701, Cl. 260-397.400.
  - Bianchi, Mario; and Barzaghi, Fernando, 4,500,731, Cl. 514-452.000.
  - Clemence, Francois; Medici, Italo; Fournex, Robert; and Tournemine, Colette, 4,501,740, Cl. 514-283.000.
  - Clemence, Francois; and Brown, Neil L., 4,530,932, Cl. 514-318.000.
  - Delevallee, Francoise; and Deraedt, Roger, 4,522,816, Cl. 514-52.000.
  - Frank-Neumann, Michel; Sedrati, Madjid; Vigneron, Jean-Pierre; and Bloy, Vincente, 4,551,545, Cl. 560-124.000.
  - Herve, Jean-Jacques; Suglia, Jean-Claude; and Meinard, Colette, 4,492,687, Cl. 424-174.000.
  - Jouquey, Alain; and Touyer, Gaetan, 4,529,713, Cl. 436-545.000.
  - Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,500,720, Cl. 549-313.000.
  - Martel, Jacques; Buendia, Jean; and Nezot, Francois, 4,501,687, Cl. 252-522.00R.
  - Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,501,704, Cl. 260-465.00R.
  - Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,513,139, Cl. 546-196.000.
  - Martel, Jacques; Tessier, Jean; Demoute, Jean-Pierre; and Jolly, Jean, 4,513,147, Cl. 562-506.000.
  - Martel, Jacques; Buendia, Jean; and Nezot, Francois, 4,521,331, Cl. 252-522.00R.
  - Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,536,345, Cl. 260-465.00D.
  - Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,540,797, Cl. 549-302.000.
  - Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,542,142, Cl. 514-345.000.
  - Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,547,522, Cl. 514-531.000.
  - Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,554,361, Cl. 549-302.000.
  - Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,556,732, Cl. 562-577.000.
  - Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,562,282, Cl. 560-184.000.
  - Meier, Jean; and Clemence, Francois, 4,512,997, Cl. 514-383.000.
  - Nedelec, Lucien; Gasc, Jean-Claude; and Fauveau, Patrick, 4,503,053, Cl. 514-239.000.
  - Nezot, Francois; Girault, Pierre; Tessier, Jean; and Martel, Jacques, 4,501,894, Cl. 548-186.000.
  - Philibert, Daniel; Teutsch, Jean G.; Costerousse, Germain; and Deraedt, Roger, 4,540,686, Cl. 514-179.000.
  - Rowlands, David A.; Gillespie, Roger J.; Ager, Ian R.; Clements-Jewery, Stephen; and Gardner, Colin R., 4,547,507, Cl. 514-291.000.
  - Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, 4,537,897, Cl. 514-351.000.
  - Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, 4,556,666, Cl. 514-351.000.
  - Teutsch, Jean G.; Deraedt, Roger; and Benzoni, Josette, 4,515,787, Cl. 514-180.000.
  - Teutsch, Jean G.; Costerousse, Germain; Philibert, Daniel; and Deraedt, Roger, 4,519,946, Cl. 260-239.55R.
  - Teutsch, Jean-Georges; Torelli, Vesperto; Deraedt, Roger; and Philibert, Daniel, 4,547,493, Cl. 514-179.000.
  - Tully, Wilfred R., 4,532,243, Cl. 514-258.000.
  - Westwood, Robert; Miller, Peter; Ager, Ian R.; and Kay, David P., 4,510,143, Cl. 514-250.000.
- Rousselin, Jean: *See—*
  - Triouleyre, Jean; Rousselin, Jean; Schmit, Patrick; and Gondry, Philippe, 4,510,785, Cl. 72-323.000.
- Roussos, Josiane: *See—*
  - Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,519,844, Cl. 106-209.000.
  - Chaux, Jean-Bernard; Gagne, Pierre; Garcia, Michel; Lespinasse, Dominique; and Roussos, Josiane, 4,548,734, Cl. 252-311.000.
- Roussos, Theodore; and Sakhuja, Ravinder K., to Thermo Electron Corporation; and Thermo Electron Corporation. Energy storage system having thermally stratified liquid. 4,510,922, 4-16-85, Cl. 126-435.000.
- Roustan, Max: *See—*
  - Lhenry, Bernard; and Roustan, Max, 4,523,896, Cl. 417-244.000.
- Rout, Ivan P.; and Gillings, Christopher, to FBC Limited. Pesticidal composition and use. 4,546,108, 10-8-85, Cl. 514-464.000.
- Routery, Edward E.: *See—*
  - Townsend, Donald W.; and Routery, Edward E., 4,538,886, Cl. 350-630.000.
- Routledge, Peter, to EMI Limited. Pyrotechnic device with metal diaphragm and metal insert. 4,541,342, 9-17-85, Cl. 102-308.000.
- Rouw, William. Cycle seat. 4,541,668, 9-17-85, Cl. 297-201.000.
- Rouwendal, Jan W.: *See—*
  - Driessen, Antonius J. G. C.; Geertsema, Eise B.; Oomen, Joris J. C.; and Rouwendal, Jan W., 4,501,799, Cl. 428-446.000.
- Rouws, Petrus L. A., to U.S. Philips Corporation. Apparatus and mounting shell having retaining tongues formed by cuts. 4,524,933, 6-25-85, Cl. 248-27.300.
- Roux, Jacques: *See—*
  - Foch, Henri; and Roux, Jacques, 4,550,365, Cl. 363-98.000.
- Roux, Marcel H. R. Means for assembling tubular scaffolding elements. 4,530,616, 7-23-85, Cl. 403-246.000.
- Roux, Philippe. Gripping pliers. 4,542,669, 9-24-85, Cl. 81-418.000.
- Rouy, Noel; and Dewilde, Francois, to Rhone-Poulenc Agrochimie. Process for the preparation of 3-hydroxymethyl-6-chlorobenzoxazolone. 4,518,781, 5-21-85, Cl. 548-221.000.
- Rova, Jan-Erik. Arrangement in spring suspension systems particularly for vehicles. 4,500,076, 2-19-85, Cl. 267-8.00R.
- Rova, Jan-Erik. Device in a bucket-provided loading machine particularly a so-called wheel loader. 4,518,306, 5-21-85, Cl. 414-726.000.
- Rovac Corporation: *See—*
  - Edwards, Thomas C.; and Shank, Wayne C., 4,494,386, Cl. 62-402.000.
- Rovedo, Nivo: *See—*
  - Ogura, Seiki; Riseman, Jacob; Rovedo, Nivo; and Shepard, Joseph F., 4,551,906, Cl. 29-571.000.
- Rovel, Jean-Marie: *See—*
  - Bernard, Jacques; Rovel, Jean-Marie; Nicol, Roger; and Prevot, Claude, 4,561,974, Cl. 210-151.000.
- Rovema Verpackungsmaschinen GmbH & Co. KG: *See—*
  - Hauers, Manfred; and Baur, Walter, 4,524,566, Cl. 53-534.000.
  - Schmitt, Reinhold; Herbert, Manfred; and Baur, Walter, 4,558,779, Cl. 198-627.000.
- Rovin, Herman. Drapery pleat hemming method. 4,515,097, 5-7-85, Cl. 112-262.300.
- Rovnyak, George C., to E. R. Squibb & Sons, Inc. Dioxolenylmethyl ester prodrugs of phosphinic acid ace inhibitors. 4,555,579, 11-26-85, Cl. 548-409.000.
- Rovsek, Edward. Game box. 4,500,091, 2-19-85, Cl. 273-269.000.
- Rowan, Clement W.: *See—*
  - Nagy, George, Jr.; and Rowan, Clement W., 4,539,547, Cl. 340-59.000.
- Rowan Corporation: *See—*
  - Kulow, Howard H., 4,540,298, Cl. 400-635.000.
- Rowan, Henry M.: *See—*
  - Boehm, Paul C.; Mortimer, John H.; Rowan, Henry M.; and Turner, Robert C., 4,506,131, Cl. 219-10.770.
- Rowan, John H.: *See—*
  - Propster, John A.; and Rowan, John H., 4,541,048, Cl. 364-200.000.
- Rowan, John W.: *See—*
  - Carr, Peter; and Rowan, John W., 4,534,833, Cl. 204-128.000.
- Rowan, Paul D., to Umbra Shades Ltd. Clock construction. 4,545,687, 10-8-85, Cl. 368-232.000.
- Rowbottom, Kenneth T.: *See—*
  - Hignett, Geoffrey J.; Rowbottom, Kenneth T.; and Sanderson, William R., 4,536,313, Cl. 252-100.000.
- Rowe, Donald R.: *See—*
  - Zackay, Victor F.; and Rowe, Donald R., 4,521,530, Cl. 502-218.000.
- Rowe, Edward H.; and Parcell, Lloyd J., to Texaco Inc. Rotating disk biotreatment of syngas waste water. 4,510,057, 4-9-85, Cl. 210-612.000.
- Rowe, Fred, to Phillips Petroleum Company. Process control for flash concentrating solutions containing polyolefins. 4,495,028, 1-22-85, Cl. 159-47.100.
- Rowe International, Inc.: *See—*
  - Steiner, Larry E., 4,503,963, Cl. 194-4.00C.
  - Verduin, Lee C.; and St. Clair, Michael J., 4,537,336, Cl. 222-641.000.
- Rowe, Irwin. Method for conditioning phonograph records. 4,510,187, 4-9-85, Cl. 427-429.000.
- Rowe, Jerry D. Packsaw. 4,507,863, 4-2-85, Cl. 30-166.00R.
- Rowe, Neal E., to Westinghouse Electric Corp. Method of rolling a simulated hole in sheet metal without drilling or punching. 4,524,598, 6-25-85, Cl. 72-198.000.
- Rowe, Neal E.: *See—*
  - Bharteey, Brit M.; and Rowe, Neal E., 4,539,541, Cl. 335-132.000.
- Rowe, Purnell E.: *See—*
  - Massey, Richard P.; and Rowe, Purnell E., 4,558,229, Cl. 307-17.000.
- Rowe, Raymond A., to United States of America, Navy. Wave powered buoy generator. 4,492,875, 1-8-85, Cl. 290-53.000.
- Rowe, Raymond A., to United States of America, Navy. Fluid responsive rotor generator. 4,520,273, 5-28-85, Cl. 290-54.000.
- Rowe, Raymond C.: *See—*
  - Corfield, Brian L.; and Rowe, Raymond C., 4,522,840, Cl. 427-3.000.
- Rowe, Russell H., Jr.; Lare, Paul J.; and Hahn, Henry, to Artech Corp. Surgical implant having a graded porous coating. 4,542,539, 9-24-85, Cl. 623-16.000.
- Rowe, William; Dooley, Thomas; and Shah, Ajay, to Polychrome Corporation. Process for preparing chromophore-substituted vinyl-halomethyl-s-triazines. 4,559,401, 12-17-85, Cl. 544-216.000.
- Rowekamp, Patricia A., to Drackett Company, The. Bottle. 4,535,906, 8-20-85, Cl. 215-329.000.
- Rowell, Douglas W.: *See—*
  - Ziemek, Gerhard; Schatz, Friedrich; Muller, Dieter; and Rowell, Douglas W., 4,506,135, Cl. 219-107.000.
- Rowell, Frank J. Containers and machine for making them. 4,495,748, 1-29-85, Cl. 53-449.000.

- Rowell, Frank J. Containers of flexible material. 4,509,642, 4-9-85, Cl. 206-219.000.
- Rowell, Jonathan M.: *See—*
  - Von Grunberg, Hubertus; Corey, Frederick C.; and Rowell, Jonathan M., 4,491,340, Cl. 280-668.000.
  - Von Grunberg, Hubertus; Rowell, Jonathan M.; and Corey, Frederick C., 4,537,289, Cl. 188-97.400.
- Rowell Laboratories, Inc.: *See—*
  - Powell, David R.; and Patel, Vithal K., 4,539,198, Cl. 424-19.000.
- Rowell, Lorne A., to McCormick & Company, Incorporated. Process for producing an assembler for a flexible foodstuff. 4,533,559, 8-6-85, Cl. 426-499.000.
- Rowen, Christopher M.: *See—*
  - Rowen, John B.; Rowen, Christopher M.; and Janusis, Charles, 4,551,028, Cl. 368-204.000.
- Rowen, John A.: *See—*
  - Collins, Robert P.; Haim, Elias S.; and Rowen, John A., 4,541,692, Cl. 350-339.00R.
- Rowen, John B.; Rowen, Christopher M.; and Janusis, Charles. Disposable electronic watch. 4,551,028, 11-5-85, Cl. 368-204.000.
- Rowenhorst, Donley D.: *See—*
  - Gabor, Thomas; Broberg, David E.; Dierssen, Gunther H.; and Rowenhorst, Donley D., 4,505,720, Cl. 51-295.000.
- Rowland, Charles M.; and Denneny, James A., Jr., to Garrett Corporation, The. Fluid flow control apparatus and method. 4,506,594, 3-26-85, Cl. 98-1.500.
- Rowland, David B. Car dome light with accessory. 4,519,018, 5-21-85, Cl. 362-74.000.
- Rowland, Donald G.: *See—*
  - Hunter, Byron A.; Rowland, Donald G.; and Peascoe, Warren J., 4,554,294, Cl. 521-93.000.
- Rowland, Gerald, to Klargester Environmental Engineering Ltd. Waste water treatment plant. 4,526,685, 7-2-85, Cl. 210-138.000.
- Rowland-Hill, E. William, and Sheehan, Ronald T., to Sperry Corporation. Lateral leveling mechanism for combine cleaning apparatus. 4,535,788, 8-20-85, Cl. 130-27.0AE.
- Rowland-Hill, E. William: *See—*
  - Hyman, Myles; Sheehan, Ronald T.; and Rowland-Hill, E. William, 4,557,276, Cl. 130-27.0AE.
  - Sheehan, Ronald T.; Rowland-Hill, E. William; and Bohman, Carl E., 4,527,241, Cl. 364-424.000.
- Rowland, Nelson; and Getto, Robert D., to Burlington Industries, Inc. Modular pallet and shipping tray. 4,516,677, 5-14-85, Cl. 206-394.000.
- Rowland, Robert O., to Hudson Oxygen Therapy Sales Company. Oxygen concentrator monitor and regulation assembly. 4,516,424, 5-14-85, Cl. 73-23.000.
- Rowland, Robert O., to Hudson Oxygen Therapy Sales Company. Oxygen concentrator. 4,561,287, 12-31-85, Cl. 73-23.000.
- Rowland, W. Ross. Vehicular road block. 4,554,695, 11-26-85, Cl. 14-69.500.
- Rowland, William P., to Reflexite Corporation. Encapsulated retroreflective material and method of making same. 4,555,161, 11-26-85, Cl. 350-103.000.
- Rowlands, David A.; Gillespie, Roger J.; Ager, Ian R.; Clements-Jewery, Stephen, and Gardner, Colin R., to Roussel Uclaf. Benzothiopyranopyridinones. 4,547,507, 10-15-85, Cl. 514-291.000.
- Rowlands, Richard C.: *See—*
  - Bafunno, Daniel V.; Detter, Gary C.; Ehrhardt, James D.; Gaughan, Patrick J.; Johnson, Dale C.; and Rowlands, Richard C., 4,554,618, Cl. 362-155.000.
- Rowlands, Ronald H.: *See—*
  - Houvig, Felix J.; and Rowlands, Ronald H., 4,520,488, Cl. 375-5.000.
- Rowles, Howard C.: *See—*
  - Bennett, Douglas L.; Edwards, Thomas J.; and Rowles, Howard C., 4,510,023, Cl. 203-99.000.
  - Bernhard, Dennis P.; Rowles, Howard C.; and Teichman, Robert L., 4,519,825, Cl. 62-28.000.
  - Geist, Jacob M.; Vines, Harvey L.; Alvarez, Miguel R.; Rowles, Howard C.; and Woodward, Donald W., 4,496,382, Cl. 62-31.000.
  - Woodward, Donald W.; Katsaros, Arthur T.; and Rowles, Howard C., 4,525,187, Cl. 62-31.000.
- Rowlett, Harold G.: *See—*
  - Nickow, Hy; Nickow, Martin A.; and Rowlett, Harold G., 4,552,479, Cl. 402-74.000.
- Rowlett, R. David: *See—*
  - Muncaster, John W.; Roberts, Michael G.; Rowlett, R. David; Hoitink, Todd B.; Uffner, William E.; and White, Robert N., 4,508,770, Cl. 428-63.000.
- Rowlette, John J., to United States of America, National Aeronautics and Space Administration. State-of-charge coulometer. 4,499,424, 2-12-85, Cl. 324-427.000.
- Rowlette, John J., to California Institute of Technology. Battery plate containing filler with conductive coating. 4,510,219, 4-9-85, Cl. 429-212.000.
- Rowlette, John J., to California Institute of Technology. Sealed bipolar multi-cell battery. 4,539,268, 9-3-85, Cl. 429-54.000.
- Rowlette, John J., to California Institute of Technology. Bipolar battery plate. 4,542,082, 9-17-85, Cl. 429-210.000.
- Rowlette, John J.; Clough, Thomas J.; Josefowicz, Jack Y.; and Sibert, John W., to Atlantic Richfield Company; and California Institute of Technology. Unitary plate electrode. 4,547,443, 10-15-85, Cl. 429-217.000.
- Rowlette, John R., to California Institute of Technology. Positive battery plate. 4,507,372, 3-26-85, Cl. 429-228.000.
- Rowley, Alan G.; and Husband, Fiona M., to National Research Development Corporation. Removal of toxic metals from aqueous solution. 4,500,497, 2-19-85, Cl. 423-89.000.
- Rowley, David S.; and Aumann, James T., to Christensen, Inc. Coring device with an improved core sleeve and anti-gripping collar. 4,512,419, 4-23-85, Cl. 175-58.000.
- Rowley, Gerald L.: *See—*
  - Gibbons, Ian; Rowley, Gerald L.; and Ullman, Edwin F., 4,501,692, Cl. 260-112.00B.
- Rowley, James R.: *See—*
  - Thomaswick, Ronald J.; and Rowley, James R., 4,512,473, Cl. 206-454.000.
- Rowley, Leroy S.: *See—*
  - Luce, Robert S.; Quinn, Ross A.; and Rowley, Leroy S., 4,519,710, Cl. 356-411.000.
- Rowley, William W. Application for forming a plastic tube coupling. 4,525,136, 6-25-85, Cl. 425-384.000.
- Rowntree Mackintosh plc: *See—*
  - Pontefract, Ronald M., 4,525,624, Cl. 235-383.000.
- Rowson, Graham P.; Percival, Albert; and Judson, Philip N., to FBC Limited. 2-cyano-3-benzylamino-2-propenoates, useful as fungicides. 4,508,659, 4-2-85, Cl. 260-465.00D
- Roxburg, Dwight W.; and Magnuson, Linda M. Endotracheal tube anchoring mechanism. 4,527,559, 7-9-85, Cl. 128-207.170.
- Roxor Corporation: *See—*
  - Blom, C. James, 4,560,256, Cl. 350-613.000.
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- Roy, Claude. Mechanical thermostat having proportional control for a solid fuel-burning stove. 4,530,346, 7-23-85, Cl. 126-77.000.
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- Roy, Daniel, to Sappel. Turbine for a multijet liquid flow meter. 4,561,312, 12-31-85, Cl. 73-861.810.
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  - Komarneni, Sridhar; and Roy, Della M., 4,537,710, Cl. 252-628.000.
- Roy, Gerald A., Jr.: *See—*
  - Hageman, Larry H.; and Roy, Gerald A., Jr., 4,548,638, Cl. 71-93.000.
- Roy, Joseph J. Apparatus and method for communicating digital information on AC power lines. 4,556,864, 12-3-85, Cl. 340-310.00A.
- Roy & Kiesel: *See—*
  - O'Neil, Jack, 4,535,560, Cl. 43-3.000.
- Roy, Kleber: *See—*
  - Buzzichelli, Lilian; and Roy, Kleber, 4,491,227, Cl. 212-196.000.
- Roy, Paul J.: *See—*
  - Laskaris, A. Theodore; and Roy, Paul J., 4,495,231, Cl. 428-36.000.
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- Roy, Richard D.: *See—*
  - Barthel, Richard C.; and Roy, Richard D., 4,521,722, Cl. 318-578.000.
- Roy, Rob J., to American Hospital Supply Corporation. Apparatus and method for measuring cardiac output. 4,542,748, 9-24-85, Cl. 128-713.000.
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  - Sovis, John F.; and Balch, John A., 4,547,206, Cl. 55-255.000.
- Royal Co., Ltd.: *See—*
  - Kino, Moriya, 4,547,172, Cl. 446-421.000.
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  - Demopoulos, George P.; and Distin, Philip A., 4,541,861, Cl. 75-0.50A.
- Royal Packaging Industries Van Leer B.V.: *See—*
  - Mercer, Frank B.; and Martin, Keith F., 4,521,368, Cl. 264-514.000.
- Roybal, Herman E.: *See—*
  - Taylor, Gene W.; and Roybal, Herman E., 4,511,373, Cl. 51-298.000.
- Roychoudhury, Ranajit: *See—*
  - Hung, Paul P.; Lee, Shaw-Guang; Roychoudhury, Ranajit; and Ratzkin, Barry J., 4,558,010, Cl. 435-212.000.
- Roychoudhury, Rathindra N., to Nestec S.A. Coffee oil treatment. 4,517,120, 5-14-85, Cl. 426-655.000.
- Roydhouse, Richard H., to Environmental Protection Systems, Limited. Mercury vapor suppressant. 4,534,944, 8-13-85, Cl. 423-210.000.
- Royer, Jacques: *See—*
  - Cassanas, Claude; Couot, Jean-Pierre; and Royer, Jacques, 4,492,164, Cl. 101-216.000.
- Royer, Michele, to Honeywell Inc. Method for forming a pressure sensor. 4,531,267, 7-30-85, Cl. 29-25.350.
- Royer, Wayne H., to Santrade Ltd. Oven heating system. 4,514,167, 4-30-85, Cl. 432-11.000.
- Roylance, Donald C.: *See—*
  - Jameson, Frederick M.; and Roylance, Donald C., 4,529,976, Cl. 340-628.000.
- Royle, Stephen D., to Dana Corporation. Automatic cleaning and metering device. 4,502,510, 3-5-85, Cl. 138-45.000.

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  - Hart, Reginald J., 4,518,549, Cl. 264-39.000.
- Royse, Vicki L.; and Jensen, Donald M., to Rush-Presbyterian-St. Luke's Medical Center. Agarose gel electrophoresis technique for the determination of amylase isoenzymes. 4,559,120, 12-17-85, Cl. 204-182.800.
- Royster Company, The: *See—*
  - Capps, Ernest R., 4,561,818, Cl. 414-301.000.
- Royster, John L. Plant growing chamber. 4,543,744, 10-1-85, Cl. 47-17.000.
- Royston, James M., to Coupling Systems, Inc. Insulated pipe couplings. 4,538,841, 9-3-85, Cl. 285-337.000.
- Roza, Engel: *See—*
  - Dijkstra, Jan; and Roza, Engel, 4,507,619, Cl. 330-297.000.
- Rozansky, Boris: *See—*
  - Midland, Richard W.; and Rozansky, Boris, 4,527,192, Cl. 358-67.000.
- Rozario, Novellone; and Silverman, Lawrence H., to General Instrument Corporation. Driver for voltage controlled attenuator. 4,550,265, 10-29-85, Cl. 307-494.000.
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  - Reidenbach, Richard T.; and Rozek, Harry J., 4,529,625, Cl. 427-186.000.
- Rozek, Kurt L.: *See—*
  - Lane, Richard J.; and Rozek, Kurt L., 4,557,379, Cl. 206-328.000.
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  - Bany, Peter-Michael; Berger, Wolfgang; Bettge, Hans; Bialkowski, Gunter; Rozek, Rafl; Steinemer, Norbert; and Volkmann, Claus-Jurgen, 4,516,004, Cl. 200-144.00B.
- Rozema, John G.; and Chen, William I. H., to Rockwell International Corporation. Negative resistance circuit for VCO. 4,518,930, 5-21-85, Cl. 331-36.00C.
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  - Emanuel, Nikolai M.; Rozenberg, Albina N.; Golubev, Valery A.; Bogdanov, Gennady N.; Vasilieva, Ljubov S.; and Konovalova, Nina P., 4,558,127, Cl. 544-310.000.
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  - Makarov, Viktor M.; Paton, Boris E.; Globin, Nikolai K.; Usenko, Viktor G.; Khismatulin, Enver R.; Ziselman, Boris G.; Serov, Petr G.; Shei, Marat M.; and Rozenberg, Ovshiya O., 4,505,417, Cl. 228-17.700.
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  - Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.
- Rozenwaig, Boris. Supervisory device for an optoelectronic switching network. 4,549,313, 10-22-85, Cl. 455-600.000.
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  - Hettinger, William P., Jr.; Turrill, Frank H.; Rozman, George J.; and Beck, H. Wayne, 4,515,680, Cl. 208-87.000.
- Rozmus, John M., to Scientific-Atlanta, Inc. Multiaccess broadcast communication system. 4,498,169, 2-5-85, Cl. 370-85.000.
- Rozmus, Walter J.; and Dietrich, Jerry L., to Kelsey-Hayes Company. Sealed container. 4,500,009, 2-19-85, Cl. 220-256.000.
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- Rozner, Alexander G.; Lenko, Daniel S.; and Carter, James H., to United States of America, Navy. Pyro-gun. 4,495,848, 1-29-85, Cl. 89-1.100.
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- Rozniecki, Edward J. Oscillating flow nozzle. 4,524,911, 6-25-85, Cl. 239-101.000.
- Rozo, Rafael: *See—*
  - Wolf, Peter H.; Dobson, Thomas A.; and Rozo, Rafael, 4,524,259, Cl. 219-69.00R.
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  - Szendrei, Kalman; Minker, Emil; Rozsa, Zsuzsanna; Koch, Lehel; and Wolf, Lajos, 4,511,559, Cl. 514-54.000.
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  - Smith, Stanley K.; and Rozsi, Donald J., 4,551,808, Cl. 364-474.000.
- Rozsnyai, Tamas: *See—*
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- Rozzen, David L. Toothpaste dispenser. 4,508,239, 4-2-85, Cl. 222-39.000.
- RPC Corporation: *See—*
  - Appleman, William S.; and Sturgill, James D., 4,521,044, Cl. 294-82.240.
- RPC Industries: *See—*
  - Loda, Gary K., 4,499,405, Cl. 315-13.100.
- RSP Innovation Design Mfg., Inc.: *See—*
  - Pezzner, Richard S.; and Rader, George L., 4,523,888, Cl. 414-680.000.
- RTC Industries, Inc.: *See—*
  - Nathan, Walter, 4,505,395, Cl. 211-126.000.
  - Nathan, Walter; and Zucker, Armand S., 4,550,838, Cl. 211-128.000.
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  - DuPont, John P., 4,555,588, Cl. 174-73.00R.
  - Huber, William J.; and Borck, Gordan T., 4,506,249, Cl. 337-232.000.
  - Link, Edwin A., 4,521,823, Cl. 361-38.000.
  - Mikulecky, Harvey W., 4,550,298, Cl. 335-35.000.
  - Muench, Frank J., Jr.; and Makal, John M., 4,532,386, Cl. 200-11.0TC.
- RTR Riotinto Til Holding S.A.: *See—*
  - Dente, Mario; Porcari, Guiliano; and Robinson, Lee F., 4,533,459, Cl. 208-11.0LE.
- Ru-Korrel (Propietary) Limited: *See—*
  - Botha, Charles F.; and Lambrechts, Adriaanus L., 4,498,856, Cl. 425-331.000.
- Ruano, Oscar; Wadsworth, Jeffrey; and Sherby, Oleg D., to Leland Stanford Junior University, The Board of Trustees of the. Method for consolidation of iron-based alloy powder by cyclic phase transformation under pressure. 4,492,671, 1-8-85, Cl. 419-48.000.
- Rub, Bernardo; and Weng, Lih J., to Digital Equipment Corporation. Arrangement for encoding and decoding information signals. 4,503,420, 3-5-85, Cl. 340-347.0DD.
- Rub, Walter; and Bruggemann, Ulrich, to VDO Adolf Schindling AG. Damped stepping motor for the driving of a measuring mechanism, particularly a roller counting mechanism having a control circuit arrangement. 4,562,395, 12-31-85, Cl. 318-696.000.
- Rubashov, Igor B.: *See—*
  - Gudkin, Timofei S.; Iordanishvili, Evgeny K.; Lidorenko, Nikolai S.; Malkovich, Bella E.; Razumovsky, Mikhail I.; and Rubashov, Igor B., 4,519,389, Cl. 128-303.100.
- Rubat du Merac, Claire: *See—*
  - Jutier, Pierre; Bretagnolle, Bernard; and Rubat du Merac, Claire, 4,539,593, Cl. 358-160.000.
- Rubber-En Kunststoffabriek Enbi: *See—*
  - Lock, Pieter J., 4,510,664, Cl. 29-450.000.
- Rubber-En Kunststoffabriek Enbi B.V.: *See—*
  - Delhaes, Johannes C., 4,495,683, Cl. 29-119.000.
- Rubber Millers, Inc.: *See—*
  - Day, John T., 4,521,306, Cl. 210-159.000.
- Rubber and Plastics Research Assoc. of GB: *See—*
  - Cox, Robert W.; Jones, Derek A.; Walker, David L.; and Hands, David, 4,553,930, Cl. 432-120.000.
- Rubbermaid Commercial Products Inc.: *See—*
  - Hampshire, James F.; and Wilkinson, Beverly L., 4,549,767, Cl. 297-439.000.
  - Szablak, Michael J.; and Tomblin, Glen E., 4,531,437, Cl. 83-165.000.
- Rubbermaid Incorporated: *See—*
  - McClelland, Donald R., 4,532,397, Cl. 219-10.55E.
  - Tanonis, David R.; and Darbut, Alexander L., 4,542,271, Cl. 219-10.55E.
- Rubbert, Bernhard: *See—*
  - Blum, Rainer; Spoor, Herbert; Osterloh, Rolf; Mosler, Gerhard; and Rubbert, Bernhard, 4,525,570, Cl. 528-75.000.
- Rubbo, John T.; Burns, Kenneth R.; Heck, Ronald M.; and Early, John J., to Engelhard Corporation. Air-fuel ratio controller. 4,502,444, 3-5-85, Cl. 123-440.000.
- Ruben, Lawrence M.: *See—*
  - Assael, David; and Ruben, Lawrence M., 4,549,211, Cl. 358-126.000.
- Rubens, Louis C., to Dow Chemical Company, The. Better foamable styrene and other olefin polymer compositions. 4,532,264, 7-30-85, Cl. 521-146.000.
- Rubensson, Bjorn: *See—*
  - Widen, Bo; and Rubensson, Bjorn, 4,507,944, Cl. 70-276.000.
- Rubenstein, Charles P.; Nevid, Jeffrey S.; and Rathus, Spencer A., to Psytronics Associates. Electronic calendar display. 4,540,292, 9-10-85, Cl. 368-29.000.
- Rubenstein, Irving H.: *See—*
  - Bank, Herbert M.; and Rubenstein, Irving H., 4,505,220, Cl. 118-16.000.
- Rubenzer, Peter: *See—*
  - Bohme, Eike; and Rubenzer, Peter, 4,559,664, Cl. 15-302.000.
- Ruberl, Ernst, to AKG Akustische u.Kino-Gerate Gesellschaft m.b.H. Impedance transformer circuit. 4,521,741, 6-4-85, Cl. 330-277.000.
- Rubey, Ulyss R., to Detectors, Inc. Apparatus for automated assembly of shock detectors. 4,519,867, 5-28-85, Cl. 156-351.000.
- Rubin, Ben. Portable exerciser. 4,505,476, 3-19-85, Cl. 272-146.000.

Rubin, David, to Century Laboratories, Inc. Combined fatty acid composition for treatment or prophylaxis of thrombo-embolic conditions. 4,526,902, 7-2-85, Cl. 514-560.000.

Rubin, Frank D.; and Schumacher, Roger A., to General Motors Corporation. Brake system pressure bleed device. 4,497,176, 2-5-85, Cl. 60-584.000.

Rubin, Fred K., to Lever Brothers Company. Dye stabilized detergent compositions. 4,526,701, 7-2-85, Cl. 252-113.000.

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Rubin, Gene L.; Filipowicz, Anthony H.; and Valenza, Frank. Multiframe apparatus. 4,553,344, 11-19-85, Cl. 40-152.000.

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  Kemper, Kyran B.; and Rubin, Harvey, 4,525,789, Cl. 364-481.000.

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Rubin, Jacob D., to Eastman Kodak Company. Method of passivating aluminum interconnects of non-hermetically sealed integrated circuit semiconductor devices. 4,517,734, 5-21-85, Cl. 29-577.00C.

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Rubinshtein, Efim: *See—*
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Rubinsky, Boris, to University of California, The Regents of the. Directional solidification for the controlled freezing of biomaterials. 4,531,373, 7-30-85, Cl. 62-63.000.

Rubinson, Barry L.: *See—*
  Bean, Robert; Gardner, Edward A.; Chow, Michael; Rubinson, Barry L.; Lary, Richard F.; and Blackledge, Robert, 4,543,626, Cl. 364-200.000.

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Rubio, Manuel J. Continuous production of corn products. 4,513,018, 4-23-85, Cl. 426-622.000.

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  Schmidt, Wilhelm; Grunvogel, Karl; and Rubl, Lothar, 4,529,264, Cl. 350-96.200.

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Rubmann, Hans: *See—*
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  McDonald, Robert C.; Wang, Wei-Tao; Cukor, Peter; and Rubner, Michael F., 4,540,641, Cl. 429-105.000.

Rubner, Roland: *See—*
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  Stenz, Paul; Rubroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, 4,529,261, Cl. 339-272.00R.

Rubtsov, Adolf E.: *See—*
  Kuznetsov, Oleg L.; Maxutov, Rafkhat A.; Malchenok, Vladimir O.; Mordukhaev, Khanuko M.; Ostrovsky, Anatoly P.; Rubtsov, Adolf E.; Simkin, Ernst M.; and Sokolov, Alexei V., 4,558,737, Cl. 166-60.000.

Ruby, Ernest D. Heat control. 4,557,417, 12-10-85, Cl. 236-46.00R.

Ruby, Kenneth: *See—*
  Fowler, Randall C.; Ruby, Kenneth; and Sartor, Thomas F., Jr., 4,537,484, Cl. 354-62.000.

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Ruch, Jean; Katryniok, Detlef; and Pack, Hugo, to Accumulatorenwerke Hoppecke Carl Zoellner & Sohn GmbH & Co. KG. Galvanic element, particularly a metal-air cell. 4,507,367, 3-26-85, Cl. 429-27.000.

Ruck, Nancy C.; Mills, David R.; and Harting, Erik, to Unisearch Limited. Beam sunlighting device for building interiors. 4,557,565, 12-10-85, Cl. 350-262.000.

Ruckdeschel, Lawrence M.: *See—*
  Grzelka, Andrew; Hodges, David R.; and Ruckdeschel, Lawrence M., 4,505,616, Cl. 405-198.000.

Rucker, Hal. Liquid container. 4,544,077, 10-1-85, Cl. 220-449.000.

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  Gano, Barclay F.; and Rucker, James L., 4,542,044, Cl. 427-215.000.

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Ruckey, Allan M.: *See—*
  Finn, Charles E.; Ruckey, Allan M.; and Shuler, David C., 4,527,528, Cl. 123-447.000.

Ruckle, W. Thomas: *See—*
  Magid, David J.; and Ruckle, W. Thomas, 4,522,738, Cl. 252-90.000.

Ruckman, James A.: *See—*
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Ruckriegel, Michael J.; and McCord, James W. Multi-vapor level vapor generating and recovery apparatus. 4,556,456, 12-3-85, Cl. 202-186.000.

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RUD-Kettenfabrik Rieger & Dietz GmbH u. Co.: *See—*
  Dalferth, Hans H.; and Bauer, Johannes, 4,505,103, Cl. 59-85.000.

Rud, Sergei A.: *See—*
  Eystratov, Vitaly A.; Elkin, Mikhail Y.; Danilenko, Viktor Y.; Stepunin, Ivan M.; Tsenta, Nikolai E.; Rud, Sergei A.; and Belferman, Leonid M., 4,494,448, Cl. 92-172.000.

Ruda, Jerome; and Ludwig, Vernon L., to Harris Manufacturing Corporation. Ladder for a boat and method of fabrication. 4,548,294, 10-22-85, Cl. 182-206.000.

Rudakov, Viktor A.: *See—*
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Rudd, Larry R.: *See—*
  Fuchs, Daniel G.; and Rudd, Larry R., 4,505,501, Cl. 292-62.000.

Rudd, Michael J., to United States of America, Navy. Laser vibrometer. 4,554,836, 11-26-85, Cl. 73-657.000.

Rudd, Wallace C., to Thermatool Corporation. Method and apparatus for welding tapered metal poles. 4,508,949, 4-2-85, Cl. 219-61.200.

Ruddell, Alan J.: *See—*
  Eglise, David; and Ruddell, Alan J., 4,491,140, Cl. 133-8.00R.

Ruddock, Bernard J. Fencing rail members. 4,533,120, 8-6-85, Cl. 256-52.000.

Ruddy, Donald C.: *See—*
  Hicks, Irwin A.; and Ruddy, Donald C., 4,548,863, Cl. 428-325.000.

Rude, Edward T.: *See—*
  Waine, Martin; Rude, Edward T.; and Nisenson, Jules, 4,499,937, Cl. 160-41.000.

Rude, Harold E.: *See—*
  Korbel, Gerald E.; Robins, Janis; and Rude, Harold E., 4,553,982, Cl. 51-298.000.

Rudek, Fred, to Exo Sensors, Inc. Radiation compensator for gas sensors. 4,498,049, 2-5-85, Cl. 324-443.000.

Rudell, Elliot A.; Shumate, Michael E.; and Cernansky, Joseph S., to Rudell, Elliot A. Bicycle and doll mechanism. 4,500,104, 2-19-85, Cl. 280-289.00D.

Ruder, Nils I. A. Binocular display of information with two combiner means. 4,508,424, 4-2-85, Cl. 350-174.000.

Rudesill, John A.: *See—*
  Nozemack, Richard J.; Rudesill, John A.; Denton, Dean A.; and Feldwick, Raymond D., 4,542,118, Cl. 502-65.000.

Rudi, Guttorm, to Tandberg Data A/S. Device for positioning a magnetic head in a magnetic tape device. 4,491,890, 1-1-85, Cl. 360-106.000.

Rudich, George, Jr., to Johnson Service Company. Multi-purpose compressor controller. 4,510,547, 4-9-85, Cl. 361-22.000.

Rudich, George, Jr.; Beeson, Charles F.; Bartley, Gary L.; and Heckenbach, Terry A., to Johnson Service Company. Controllable rotary actuator. 4,554,496, 11-19-85, Cl. 318-600.000.

Rudich, George, Jr.; and Troup, David L., to Johnson Service Company. Method of controlling a space heating system. 4,559,441, 12-17-85, Cl. 219-364.000.

Rudik, William J.; Schmitt, George P.; and Shipley, John F., to International Business Machines Corporation. Circuit board including multiple wire photosensitive adhesive. 4,544,801, 10-1-85, Cl. 174-68.500.

Rudin, Richard E., to S. C. Johnson & Son, Inc. Easily dispersible dietary fiber product and method for producing the same. 4,551,331, 11-5-85, Cl. 424-195.100.

Rudish, Ronald M.; and McVeigh, Peter J., to Eaton Corporation. Phased array system to produce, steer and stabilize non-circularly-symmetric beams. 4,532,519, 7-30-85, Cl. 343-372.000.

Rudko, Robert I.: *See—*

Barnie, James W.; and Rudko, Robert I., 4,507,788, Cl. 372-83.000.

Rudland, Peter E., to ITR International Time Limited. Identification card with concealed coding and a simple reader module to decode it. 4,538,059, 8-27-85, Cl. 235-468.000.

Rudle, Manfred: *See—*

Stoll, Kurt; and Rudle, Manfred, 4,524,803, Cl. 137-625.640.

Rudloff, Jean-Loup: *See—*

Picolet, Jean-Pierre; Rudloff, Jean-Loup; and Courtet, Francois, 4,492,225, Cl. 128-87.00R.

Rudman, Christopher G., to Amgen. Potentiation of the effects of insulin by peptides. 4,558,033, 12-10-85, Cl. 514-4.000.

Rudman, Leonid I.: *See—*

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Rudnev, Evgeny A.: *See—*

Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.

Rudnev, Jury A.: *See—*

Mizin, Vladimir G.; Zubarev, Alexei G.; Kolganov, Gennady S.; Volkov, Stanislav S.; Rudnev, Jury A.; Ivashina, Evgeny N.; Blinov, Konstantin A.; and Jugov, Petr I., 4,557,758, Cl. 75-51.200.

Rudnick, Leslie R., to Mobil Oil Corporation. Method for reducing the nitrogen content of shale oil with spent oil shale and sulfuric acid. 4,493,762, 1-15-85, Cl. 208-11.00R.

Rudnick, Leslie R., to Mobil Oil Corporation. Process for recovering oil and metals from oil shale. 4,539,096, 9-3-85, Cl. 208-11.00R.

Rudoi, Boris L. Apparatus for simultaneous production of double glass panels. 4,525,194, 6-25-85, Cl. 65-145.000.

Rudolf, Alain. Camera handle with retractable bipod support. 4,545,660, 10-8-85, Cl. 354-82.000.

Rudolf, Buchegger: *See—*

Brettbacher, Franz; Rudolf, Buchegger; and Hirschmanner, Franz, 4,494,395, Cl. 72-203.000.

Rudolf, John M.: *See—*

Fischer, David L.; and Waterstreet, William E., 4,494,741, Cl. 270-39.000.

Rudolf, Peter: *See—*

Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, 4,492,804, Cl. 564-493.000.

Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Ohlinger, Manfred; Wilfinger, Hans J.; Pfannebecker, Emil; and Duffner, Paul, 4,521,527, Cl. 502-184.000.

Gehrung, Manfred; Schoettle, Klaus; Kreissler, Helmut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, 4,514,937, Cl. 51-281.0SF.

Lehner, August; Hack, Joachim; Krucker, Karl; Balz, Werner; Roemer, Karl H.; Rudolf, Peter; Falk, Roland; and Eckert, Guenter, 4,551,359, Cl. 427-130.000.

Ohlinger, Manfred; Vaeth, Guenter; Rudolf, Peter; Sarnecki, Wilhelm; Jakusch, Helmut; Koester, Eberhard; and Melzer, Milena, 4,497,723, Cl. 252-62.560.

Takacs, Istvan; Kerey, Gyorgy; Illes, Janos; Rudolf, Peter; Gere, Pal; Czebe, Laszlo; and Neszmelyi, Erzsebet, 4,518,771, Cl. 536-21.000.

Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, 4,539,111, Cl. 210-179.000.

Rudolph Beaver, Inc.: *See—*

Nicholson, James E.; and Ryan, James P., 4,497,320, Cl. 128-305.000.

Rudolph, Gert; and Rodemeyer, Gunther, to B.A.T. Cigaretten-Fabriken GmbH. Process for improving the filling capacity of tobacco, in particular cut tobacco leaf. 4,516,588, 5-14-85, Cl. 131-291.000.

Rudolph, Hans: *See—*

Medem, Harald; Schreckenberg, Manfred; Dhein, Rolf; Nouvertne, Werner; and Rudolph, Hans, 4,506,066, Cl. 528-196.000.

Rudolph, Joachim, to Werner & Pfleiderer. Process for mixing and proportioning several mixing components. 4,498,783, 2-12-85, Cl. 366-132.000.

Rudolph, Joachim, to Werner & Pfleiderer. Apparatus for mixing and proportioning several mixing components. 4,544,279, 10-1-85, Cl. 366-132.000.

Rudolph nee Otten, Anna G., heir: *See—*

Meininger, Fritz; Otten, Joachim W., deceased; Otten, Ursula, heir; and Rudolph nee Otten, Anna G., heir, 4,515,598, Cl. 8-549.000.

Rudolph, Paul; and Hirsch, Martin, to Metallgesellschaft Aktiengesellschaft. Process of gasifying solid fuels in a moving bed and in a fluidized bed. 4,556,402, 12-3-85, Cl. 48-197.00R.

Rudolph, Ronald M.; and Wendl, Daniel P. Measuring bridge for determining motor vehicle damage. 4,517,748, 5-21-85, Cl. 33-180.0AT.

Rudolph, Ronald M.: *See—*

Hense, Thomas R.; and Rudolph, Ronald M., 4,536,962, Cl. 33-516.000.

Hense, Thomas R.; and Rudolph, Ronald M., 4,549,359, Cl. 33-516.000.

Rudolph, Volker: *See—*

Bahr, Dietrich J.; Burckardt, Karl-Heinz; Goldrian, Gottfried; Rudolph, Volker; and Spruth, Wilhelm G., 4,536,769, Cl. 346-1.100.

Goldrian, Gottfried; Nitschke, Manfred; Rudolph, Volker; and Wohnsdorf, Manfred, 4,553,862, Cl. 400-121.000.

Hilpert, Fritz; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,542,393, Cl. 346-163.000.

Hilpert, Fritz W.; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,502,797, Cl. 400-55.000.

Rudolphy, Albert, to Hoechst Aktiengesellschaft. Process for preparing printing ink binders, and their use in printing inks. 4,528,036, 7-9-85, Cl. 106-30.000.

Rudolphy, Albert; and Werner, Gerhard, to Hoechst Aktiengesellschaft. Process for preparing printing ink binders, and their use in printing inks. 4,552,592, 11-12-85, Cl. 106-30.000.

Rudolphy, Albert: *See—*

Hultzsch, Kurt; and Rudolphy, Albert, 4,506,059, Cl. 525-134.000.

Rudt, Robert J., to Albany International Corp. Dryer felt fabric and dryer belt. 4,494,319, 1-22-85, Cl. 34-116.000.

Rudy, Marion F. Spring moderator for articles of footwear. 4,506,460, 3-26-85, Cl. 36-28.000.

Rudy, Michael A.; and Jacob, Joseph. Electronic anatomical probe. 4,526,177, 7-2-85, Cl. 128-737.000.

Rudy, N. Jerome. Integrally bonded compositions of cellulosics and products thereof directly from wet sawdust and the like. 4,496,718, 1-29-85, Cl. 536-56.000.

Rudzena, William L.; Frederick, Warren P.; and Stone, Albert, to Baxter Travenol Laboratories, Inc. Chambers to assure reliable infusion of medicaments and the like. 4,504,265, 3-12-85, Cl. 604-86.000.

Rudzit, Ernest A.: *See—*

Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., 4,550,113, Cl. 514-290.000.

Rue, Charles V., to Norton Company. Vitrified bonded grinding wheels containing sintered gel aluminous abrasive grits. 4,543,107, 9-24-85, Cl. 51-309.000.

Ruechel, Frank, to Isover Saint-Gobain. Thermal insulation jacket having curved tube or pipe. 4,493,345, 1-15-85, Cl. 138-178.000.

Ruedisueli, James W.: *See—*

Wolff, James W.; Ruedisueli, James W.; and Schinke, Ralph, 4,522,136, Cl. 112-256.000.

Rueff, Herbert; and Manfredi, Oscar, to Azionaria Costruzioni Macchine Automatiche - A.C.M.A. - S.p.A. Feeder e.g. for soap tablets to wrapping machine. 4,558,555, 12-17-85, Cl. 53-493.000.

Ruegg, Christoph; and Voirol, Peter, to Ciba-Geigy Corporation. Pin for connecting machine elements with each other. 4,505,979, 3-19-85, Cl. 428-379.000.

Ruegg, Heinz, to Huber Italia s.r.l. Plug type lock for briefcases. 4,548,059, 10-22-85, Cl. 70-69.000.

Ruegg, Rudolf: *See—*

Bollag, Werner; Ruegg, Rudolf; and Ryser, Gottlieb, 4,532,355, Cl. 568-9.000.

Ruehl, William E., to Illinois Tool Works Inc. Retaining prong. 4,493,580, 1-15-85, Cl. 403-252.000.

Ruehl, William E.; and DeMarco, Joseph P., to Illinois Tool Works Inc. Stackable hinging printed circuit board support. 4,527,312, 7-9-85, Cl. 24-453.000.

Ruehl, William E., to Illinois Tool Works Inc. Modular bridging clip. 4,553,802, 11-19-85, Cl. 339-74.00R.

Ruehl, William E.; Heidorn, Richard H.; and Swick, Edwin G., to Illinois Tool Works Inc. Transient voltage protector. 4,554,609, 11-19-85, Cl. 361-119.000.

Ruehl, William E.: *See—*

Frano, Francis G.; and Ruehl, William E., 4,520,748, Cl. 116-70.000.

Ruehle, Edward A., to Chrysler Corporation. Engine test stand. 4,511,112, 4-16-85, Cl. 248-544.000.

Ruehle, William H., to Mobil Oil Corporation. Directional long array for logging vertical boundaries. 4,509,149, 4-2-85, Cl. 367-27.000.

Ruelens, Remy F.: *See—*

Wuyts, Oscar; Ruelens, Remy F.; and Van Camp, Lucien J. M., 4,538,201, Cl. 361-124.000.

Ruell, Hartwig, to Siemens Corporate Research & Support, Inc. Personal authentication system. 4,532,508, 7-30-85, Cl. 340-825.340.

Ruellan, Andre, to C. Delachaux. Suspension system for an overhead contact wire for electric traction vehicles. 4,546,218, 10-8-85, Cl. 191-40.000.

Ruenzi, Kurt. Apparatus for collating sheets of paper. 4,555,106, 11-26-85, Cl. 271-297.000.

Ruesch, James R., to Micro Motion, Inc. Electronic circuit for vibrating tube densimeter. 4,491,009, 1-1-85, Cl. 73-32.00A.

Ruest, Dennis A.; Takano, Masaharu; and Wolf, Lawrence R., to Monsanto Company. Liquid 2-hydroxy-4-methylthiobutyric acid and process for the preparation thereof. 4,524,077, 6-18-85, Cl. 514-557.000.

Rueter, John C., to Medtronic, Inc. Constant A-A interval control for DVI and DDD cardiac pacemakers. 4,523,593, 6-18-85, Cl. 128-419.0PG.

Rueter, John C.: *See—*

Markowitz, Harold T.; Rueter, John C.; and Syring, Gary J., 4,503,858, Cl. 128-419.0PT.

Markowitz, Harold T.; Rueter, John C.; and Duffin, Edwin G., 4,505,276, Cl. 128-697.000.

Ruetgerswerke Aktiengesellschaft: *See—*

Stolzenberg, Konrad; Koch, Karl H.; and Marrett, Rolf. 4,552,575, Cl. 62-544.000.

Ruetschle, Rudolph H., and Raker, John W., to Harris Graphics Corporation. Reject assembly for sheet material handling apparatus. 4,499,834, 2-19-85, Cl. 112-2.000.

Ruf, Hermann. Auxiliary table for extension and repositioning in medical operations. 4,527,555, 7-9-85, Cl. 128-69.000.

Ruf, Hermann. Positioning device for an extension and repositioning apparatus. 4,562,588, 12-31-85, Cl. 378-208.000.

Ruf, Max, to Audi NSU Auto Union Aktiengesellschaft. Light-alloy cylinder head for reciprocating piston internal combustion engines. 4,543,925, 10-1-85, Cl. 123-188.00S.

Ruf, Urs: *See—*

Petrzilka, Martin; Pracht, Inge; and Ruf, Urs. 4,493,533, Cl. 350-418.000.

Ruf, Walter; and Keiley, Robert G., to St. Regis Corporation. Force balancing weighing system. 4,526,245, 7-2-85, Cl. 177-160.000.

Ruf, Wolfgang: *See—*

Wagensonner, Eduard; Ruf, Wolfgang; and Landsiedel, Thomas. 4,558,436, Cl. 365-230.000.

Rufer, Clemens; and Boettcher, Irmgard, to Schering Aktiengesellschaft. Indanyl derivatives, their preparation and use. 4,555,406, 11-26-85, Cl. 514-605.000.

Rufer, Clemens: *See—*

Biere, Helmut; Rufer, Clemens; and Boettcher, Irmgard. 4,503,049, Cl. 514-80.000.

Rufer, Rosalyn J., and Filbert, Walter H., to General Electric Company. Modified silicon elastomers having improved flex life and method therefor. 4,536,553, 8-20-85, Cl. 525-106.000.

Ruff, Donald O.: *See—*

Campbell, Robert W.; and Ruff, Donald O., 4,491,779, Cl. 320-6.000.

Ruff, Gunter, to Licentia Patent-Verwaltungs-GmbH. Subscriber telephone station. 4,542,262, 9-17-85, Cl. 179-2.00E.

Ruff, James H.: *See—*

Hewitt, Robert W.; Ruff, James H.; and Haight, Aubrey E., 4,506,645, Cl. 123-470.000.

Ruff, Robert O.: *See—*

King, Donald L.; Ruff, Robert O.; and Schwarz, Ernest D., II. 4,547,930, Cl. 16-382.000.

Ruff, Stanley. Plasterboard trimming tool. 4,495,697, 1-29-85, Cl. 30-294.000.

Ruff, Stanley L. Corrugated carton cutter. 4,493,148, 1-15-85, Cl. 30-2.000.

Ruffner, Thomas S.: *See—*

Aubel, John A.; Jenkins, Patrick A., and Ruffner, Thomas S., 4,529,346, Cl. 411-117.000.

Ruggera, Paul S.; and Kantor, Gideon, to United States of America, Health and Human Services. Helical coil for diathermy apparatus. 4,527,550, 7-9-85, Cl. 128-1.500.

Ruggeri, Cinzia. Textile material of a dark fabric, leather or hide with layer of microencapsulated liquid crystals. 4,510,188, 4-9-85, Cl. 428-1.000.

Ruggeri, Stefano. Selfcentering work-rest. 4,519,279, 5-28-85, Cl. 82-38.00R.

Ruggieri, Daniela: *See—*

Bernardi, Luigi; Temperilli, Aldemio; Ruggieri, Daniela; Arcari, Giuliana; and Salvati, Patricia. 4,500,712, Cl. 546-67.000.

Ruggieri, Joseph A., to Chip Supply. Time-to-voltage converter. 4,504,155, 3-12-85, Cl. 368-121.000.

Ruggiero, Frank J., to Alfa-Laval, Inc. Production of fruit preserves. 4,562,085, 12-31-85, Cl. 426-577.000.

Ruggiero, Ralph: *See—*

Long, Wallace H., and Ruggiero, Ralph. 4,491,279, Cl. 241-101.700.

Long, Wallace H., and Ruggiero, Ralph. 4,513,859, Cl. 198-842.000.

Ruggles, Wesley, Jr.: *See—*

Willcocks, Martin E. G., 4,525,855, Cl. 381-22.000.

Willcocks, Martin E. G., 4,532,647, Cl. 381-22.000.

Rugheimer, Erich. Connection system for fluid lines having telescoping connecting elements, in particular for respirators or anesthetic units. 4,557,261, 12-10-85, Cl. 128-202.270.

Ruh, Wolf D.: *See—*

Draschke, Frank; Kraus, Georg; Kuenzel, Ulrich; Ruh, Wolf D.; and Schaefer, Rolf. 4,557,796, Cl. 156-643.000.

Ruh, Wolf-Dieter: *See—*

Brunsch, Arwed; Ruh, Wolf-Dieter; and Trippel, Gerhard, 4,512,847, Cl. 156-626.000.

Ruhenstroth-Bauer, Gerhard: *See—*

Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis. 4,503,148, Cl. 435-29.000.

Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis. 4,515,730, Cl. 260-465.00D.

Ruhl, Edward A., to Sharp Die & Mold Company, Inc., a subsidiary of R & R Plastic Material, Inc. Quick change locator clamp assembly for plastic molding machine. 4,500,275, 2-19-85, Cl. 425-192.00R.

Ruhl, Erich; and Thenner, Johann, to Ruhl, Erich. Non-flammable rigid foam and its use as a building material. 4,521,543, 6-4-85, Cl. 521-103.000.

Ruhl, Erich; and Thenner, Johann, to Ruhl, Erich. Filler system for a non-flammable rigid foam and use of the rigid foam as a building material. 4,532,261, 7-30-85, Cl. 521-103.000.

Ruhl, Gerald F., to Replicap Products, Inc. Production of molded plastic articles with artwork thereon. 4,537,739, 8-27-85, Cl. 264-247.000.

Ruhl, Karl; and Kemmner, Ulrich, to Robert Bosch GmbH. Roller vane pump with angular ranges of approximate concentric circular paths for the rollers. 4,538,977, 9-3-85, Cl. 418-150.000.

Ruhl, Rolf: *See—*

Schneider, Franz; and Ruhl, Rolf. 4,516,447, Cl. 83-71.000.

Ruhl, Thomas, to Daimler-Benz Aktiengesellschaft. Cooling apparatus for combustion engine. 4,541,369, 9-17-85, Cl. 123-41.490.

Ruhland, Hans: *See—*

Fuchs, Dieter; and Ruhland, Hans. 4,526,383, Cl. 277-152.000.

Ruhland, Michael: *See—*

Liepmann, Hans; Ruhland, Michael; Muesch, Herbert; Benson, Werner; Heinemann, Henning; and Zeugner, Horst. 4,508,716, Cl. 514-220.000.

Zeugner, Horst; Ruhland, Michael; Liepmann, Hans; Milkowski, Wolfgang; and Muesch, Herbert. 4,505,908, Cl. 514-221.000.

Ruhle, James L. Anti back-out steel coupling system for nonmetallic composite pipe. 4,548,428, 10-22-85, Cl. 285-90.000.

Ruhle, Manfred: *See—*

Claussen, Nils; Ruhle, Manfred; and Petzow, Gunter. 4,525,464, Cl. 501-103.000.

Ruhle, Philip G., to Westinghouse Electric Corp. Anti-rotation mass support system particularly for missile support. 4,492,143, 1-8-85, Cl. 89-1.816.

Ruhle, Walter, to Robert Bosch GmbH. Starter for internal combustion engines. 4,495,825, 1-29-85, Cl. 74-7.00E.

Ruhle, Walter: *See—*

Bolz, Ludwig; and Ruhle, Walter. 4,561,316, Cl. 74-7.00E.

Ruhle, Wolfgang, to Siemens Aktiengesellschaft. Pressure sensor. 4,503,709, 3-12-85, Cl. 73-727.000.

Ruhman, Smil; and Scherson, Isaac, to Yeda Research and Development Company Ltd. Associative processor particularly useful for tomographic image reconstruction. 4,491,932, 1-1-85, Cl. 364-900.000.

Ruhmann, Douglas C.; Vorwerk, Frederick E.; and Mundloch, James D., to ACF Industries, Incorporated. Transverse bulkhead connection to filament wound vehicle body sides. 4,497,258, 2-5-85, Cl. 105-248.000.

Ruhmer, Heinz: *See—*

Warnecke, Rolf; Ruhmer, Heinz; and Leineweber, Gunter. 4,516,470, Cl. 91-374.000.

Ruhoff, Philip J.: *See—*

Anderson, Jeffrey L.; Ruhoff, Philip J.; and Edenborg, Robert B., 4,511,692, Cl. 525-7.000.

Ruhrchemie Aktiengesellschaft: *See—*

Arenhovel, Clemens; Much, Joachim; Onallah, Ali-Maher; and Schmidt, Volkmar. 4,547,142, Cl. 425-378.00R.

Bernhagen, Wolfgang; Falk, Volker; Springer, Helmut; Weber, Jurgen; Wiebus, Ernst; and Kniep, Claus. 4,515,986, Cl. 564-471.000.

Commer, Johann; Neuhaus, Wulf-Dieter; and Schmidt, Volkmar. 4,502,230, Cl. 34-57.00E.

Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August. 4,510,182, Cl. 427-162.000.

Cornils, Boy; Weber, Jurgen; Tihanyi, Bela; and DeWin, Werner. 4,511,439, Cl. 204-37.100.

Cornils, Boy; Hibbel, Josef; Lieder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner. 4,523,036, Cl. 568-454.000.

Cornils, Boy; Wiebus, Ernst; and Breitkopf, Norbert. 4,532,354, Cl. 564-498.000.

Cornils, Boy; Hibbel, Josef; Kessen, Gunther; Konkol, Werner; Lieder, Bernhard; Wiebus, Ernst; Kalbfell, Heinz; and Bach, Hanswilhelm. 4,533,755, Cl. 568-454.000.

Gartner, Roderich; Cornils, Boy; Bexten, Ludger; and Kupies, Dieter. 4,504,588, Cl. 502-24.000.

Hibbel, Josef; Gerhardus, Ulrich; Schmidt, Volkmar; Lieder, Bernhard; Scheve, Heinrich; and Zerres, Erwin. 4,541,840, Cl. 48-63.000.

Hobes, John; and Deymann, Detlef. 4,529,132, Cl. 241-1.000.

Lusch, Jurgen; Heinen, Heinrich; Lieder, Bernhard; Schmidt, Volkmar; and Kolodzey, Wolfgang. 4,526,588, Cl. 48-202.000.

Ruhrgas Aktiengesellschaft: *See—*

Altemark, Detlef; Sommers, Hans; and Wend, Manfred. 4,530,656, Cl. 431-8.000.

Jannemann, Theo; and Brunje, Horst. 4,557,220, Cl. 122-20.00B.

Kahn, Friedheim. 4,508,501, Cl. 431-2.000.

  - Kuhn, Friedhelm, 4,545,208, Cl. 60-648.000.
  - Lorenz, Werner; Bathke, Heinz; and Sommers, Hans, 4,509,913, Cl. 431-90.000.
  - Sommers, Hans; and Jannemann, Theo, 4,501,127, Cl. 62-238.300.
  - Sommers, Hans; and Hanselmann, Dieter, 4,541,407, Cl. 126-39.00E.
- Ruhrkohle Aktiengesellschaft: *See—*
  - Langhoff, Josef; and Seipenbusch, Jurgen, 4,514,191, Cl. 48-77.000.
  - Mosebach, Wilhelm, 4,512,850, Cl. 201-1.000.
  - Ormanns, Siegfried; and Neumann, Helmut, 4,495,495, Cl. 340-825.450.
  - Wolowski, Eckard; and Mirtsch, Frank, 4,555,325, Cl. 208-10.000.
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  - Hartig, Alfred, 4,504,708, Cl. 200-48.00V.
  - Leppers, P. H.; and Schnoor, Walter, 4,495,390, Cl. 200-145.000.
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  - Clatterbuck, Carroll H.; and Ruitberg, Arthur P., 4,510,476, Cl. 336-84.00C.
- Ruiz, Ariel: *See—*
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  - Wever, Ruben; Allred, Lorin D.; and Ruiz, Marco A., 4,525,605, Cl. 179-175.20R.
- Ruka, Roswell J., to Westinghouse Electric Corp. Air electrode material for high temperature electrochemical cells. 4,562,124, 12-31-85, Cl. 429-30.000.
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- Rukavina, Thomas G., to PPG Industries, Inc. Cyanoethylacrylate/acrylic acid copolymer. 4,554,318, 11-19-85, Cl. 525-118.000.
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- Rule, Kenneth C.; and Michael, Frank W. Deep draft drilling platform. 4,502,551, 3-5-85, Cl. 175-6.000.
- Rulevsky, Evgeny V.: *See—*
  - Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.
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- Rumbach, Karl F., to Agrob Anlagenbau GmbH. Apparatus for heat treatment of material in pieces at high temperature. 4,526,537, 7-2-85, Cl. 432-239.000.
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- Rumbaugh, Robert C.: *See—*
  - Miller, Ira; Rumbaugh, Robert C.; and Price, John J., Jr., 4,536,663, Cl. 307-355.000.
- Rumble, Clive S., to Corabelment A.G. Multiple pin electrical plug. 4,518,212, 5-21-85, Cl. 339-31.00R.
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  - Warner, Michael V., 4,514,616, Cl. 219-136.000.
- Rumble, Ray M., to Michigan Hanger Company, Inc. Pipe hanger. 4,524,934, 6-25-85, Cl. 248-62.000.
- Rumble, Ray M., to Michigan Hanger Company, Inc. Pipe hanger. 4,524,935, 6-25-85, Cl. 248-62.000.
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  - Jay, Paul R.; and Rumelhard, Christian, 4,529,997, Cl. 357-22.000.
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  - Michel, Wolfgang; Paul, Heinz; Rummel, Andreas; Seher, Gero; Ossowski, Manfred; and Heberlein, Irmtrud, 4,533,438, Cl. 201-31.000.
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- Rummelsburg, Al S., to Kidde Consumer Durables Corp. Cookware and method of making the same. 4,511,077, 4-16-85, Cl. 228-228.000.
- Rummelsburg, Al S., to Kidde Consumer Durables Corp. Cookware bottom wall structure. 4,552,284, 11-12-85, Cl. 220-453.000.
- Rumminger, William J. Tandem trailer. 4,557,497, 12-10-85, Cl. 280-403.000.
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- Rundall, George. Exercising device. 4,522,391, 6-11-85, Cl. 272-62.000.
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  - Comeau, Joseph H.; Kowles, Joseph E.; Lareau, John P.; Mayo, Kenneth R.; and Runde, Herbert A., 4,493,155, Cl. 33-366.000.
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- Rundell, Herbert A.; and Savage, Kerry D., to Texaco Inc. System for providing RF energy into a hydrocarbon stratum. 4,513,815, 4-30-85, Cl. 166-57.000.
- Rundell, Herbert A., to Texaco Inc. Coupling for pipe or tubing. 4,527,818, 7-9-85, Cl. 285-174.000.
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  - Andersson, Hans O. V.; Rundkvist, Kjell D.; and Samsioe, Per E., 4,528,608, Cl. 361-18.000.
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- Runge, Peter K., to AT&T Bell Laboratories. Optical fiber connector. 4,512,630, 4-23-85, Cl. 350-96.210.
- Runge, Thomas M.: *See—*
  - Bohls, Fred O., 4,553,532, Cl. 128-1.00D.
- Runglin Co. Inc.: *See—*
  - Steele, Edward J.; and Sexton, Rodney N., 4,508,235, Cl. 215-307.000.
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- Runkle, Dean E., to Allied Corporation. Mechanical actuator for a disc brake. 4,544,045, 10-1-85, Cl. 188-72.600.
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- Runner, Robert R. System for practicing roping. 4,498,676, 2-12-85, Cl. 273-336.000.

- Runquist, Paul. Passive mode solid fuel burning furnace. 4,510,917, 4-16-85, Cl. 126-76.000.
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  - de Palezieux, Jacques; and Jobin, Georges F., 4,498,529, Cl. 165-176.000.
- Runyan, I. V.: *See—*
  - Kuehnle, Manfred R.; Martinez, Ferdinand; Runyan, I. V.; and Barry, Carol M. F., 4,510,223, Cl. 430-44.000.
- Runyan, Ralph D.: *See—*
  - Brand, Robert D.; and Runyan, Ralph D., 4,503,740, Cl. 83-521.000.
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- Runyan, William S., to Iowa State University Research Foundation, Inc. Projection screen anchor. 4,511,211, 4-16-85, Cl. 350-117.000.
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- Runyon, Wayne; and Hower, Larry, to L. P. Systems Corporation. Epilator. 4,550,728, 11-5-85, Cl. 128-303.180.
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  - Hepfer, Rolf; and Runzler, Jurgen, 4,508,456, Cl. 368-262.000.
- Ruoff, Carl F., to United States of America, National Aeronautics and Space Administration. Memory metal actuator. 4,553,393, 11-19-85, Cl. 60-528.000.
- Ruoff, Carl F., to California Institute of Technology. Rolling contact robot joint. 4,558,911, 12-17-85, Cl. 339-5.00M.
- Ruoff, Carl F., Jr., to United States of America, National Aeronautics and Space Administration. Retinally stabilized differential resolution television display. 4,513,317, 4-23-85, Cl. 358-133.000.
- Ruoff, Eugen: *See—*
  - Bindel, Rudolf; and Ruoff, Eugen, 4,500,100, Cl. 277-235.00B.
- Ruoff, Harald: *See—*
  - Dudeck, Ingo; Hipp, Ulrich; Maass, Manfred; and Ruoff, Harald, 4,523,136, Cl. 318-568.000.
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  - Rembold, Helmut; and Ruoff, Manfred, 4,529,366, Cl. 418-136.000.
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- Ruona, Paul Q.: *See—*
  - Crandell, William H.; Moren, John L.; and Ruona, Paul Q., 4,548,245, Cl. 141-237.000.
- Ruoslahti, Erkki I.; and Pierschbacher, Michael D., to La Jolla Cancer Research Foundation. Polypeptide. 4,517,686, 5-21-85, Cl. 3-1.000.
- Ruoss, Erwin; and Sieber, Kurt, to Condair AG. Steam distributor. 4,508,551, 4-2-85, Cl. 55-263.000.
- Ruoste-Esto Oy: *See—*
  - Lindberg, Jarl J.; Era, Vaino ; and Strom, Erkki, 4,556,425, Cl. 106-14.230.
- Rupe, Iris A. Sanitary tasting spoon. 4,524,517, 6-25-85, Cl. 30-324.000.
- Rupert, Gary F.: *See—*
  - MacGregor, John R.; Rupert, Gary F.; and Kennedy, Thomas M., 4,510,365, Cl. 219-69.00G.
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- Rupert, John P.: *See—*
  - Patton, John T., Jr.; and Rupert, John P., 4,555,530, Cl. 521-131.000.
- Ruperto, Winfred M. Jai-alai cesta. 4,502,690, 3-5-85, Cl. 273-326.000.
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  - Gingerich, David J.; Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,531,030, Cl. 200-68.200.
  - Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,506,124, Cl. 200-153.00J.
- Rupp, Charle', to Digital Equipment Corporation. Method and apparatus for generating graphic and textual images on a raster scan display. 4,529,978, 7-16-85, Cl. 340-727.000.
- Rupp, Guenter, to Siemens Aktiengesellschaft. Apparatus for extracting magnetizable particles from a fluid medium. 4,544,482, 10-1-85, Cl. 210-222.000.
- Rupp, Gunter: *See—*
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- Rupp, Jody W.: *See—*
  - Owensby, Joseph E.; Rupp, Jody W.; Dobbins, Frederick A.; and Waldrop, Thomas E., 4,550,548, Cl. 53-434.000.
- Rupp, Raymond W.: *See—*
  - Sinker, Stephen M.; Baron, Joseph J., Jr.; Rupp, Raymond W.; Doerr, Marvin L.; and McChesney, Charles E., 4,554,328, Cl. 525-437.000.
- Rupp, Richard H.: *See—*
  - Beck, Gerhard; Bartmann, Wilhelm; Knolle, Jochen; and Rupp, Richard H., 4,548,936, Cl. 514-422.000.
- Rupp, Roland: *See—*
  - Hegasy, Ahmed; Rupp, Roland; Ramsch, Klaus-Dieter; and Luchtenberg, Helmut, 4,562,069, Cl. 424-80.000.
- Rupp, Walter: *See—*
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- Rupp, Werner; and Koch, Johannes, to L. Schuler GmbH. Overload protection in presses. 4,492,154, 1-8-85, Cl. 100-53.000.
- Ruppel, Peter: *See—*
  - Schaut, Josef; and Ruppel, Peter, 4,551,012, Cl. 355-50.000.
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- Ruppender, Uwe, to Boehringer Mannheim GmbH. Device for the optical identification of a coding on a diagnostic test strip. 4,510,383, 4-9-85, Cl. 235-462.000.
- Ruppenicker, George F., Jr.: *See—*
  - Graham, Clarence O., Jr.; Shepard, Charles L.; Ruppenicker, George F., Jr.; and Kullman, Russell M. H., 4,541,231, Cl. 57-12.000.
- Ruppert, Frank: *See—*
  - Kornus, Dieter; and Ruppert, Frank, 4,529,977, Cl. 340-686.000.
- Ruppmann, Claus: *See—*
  - Kratt, Alfred; Peter, Cornelius; Ruppmann, Claus; and Schillinger, Rainer, 4,494,517, Cl. 123-585.000.
- Rupprecht, Hans; and Hoyss, Franz, to Hilti Aktiengesellschaft. Stand for a drilling tool. 4,540,149, 9-10-85, Cl. 248-669.000.
- Rupprechter, Helmut: *See—*
  - Rock, Erich; and Rupprechter, Helmut, 4,554,706, Cl. 16-237.000.
- Ruprecht, Jurgen; and Weltersbach, Wolfgang, to U.S. Philips Corporation. Circuit for adjusting the amplitude of a color signal. 4,510,521, 4-9-85, Cl. 358-27.000.
- Ruprechter, Adam; and Hutter, Herwig, to Rohren- und Pumpenwerk Rudolf Bauer Gesellschaft mbH. Windup-hose irrigating apparatus. 4,538,761, 9-3-85, Cl. 239-196.000.
- Ruprich, Wilhelm: *See—*
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- Rurlander, Robert: *See—*
  - Jacob, Herbert; Rurlander, Robert; and Schnegg, Anton, 4,539,221, Cl. 427-53.100.
- Rusakova, Svetlana V.; Glyzin, Vladimir I.; Kocherga, Stepan I.; Ananieva, Alla A.; and Libizova, Larisa F. Process for preparing mangiferin. 4,518,592, 5-21-85, Cl. 424-195.100.
- Rusboldt, Timothy C. Ice bearing assembly. 4,500,215, 2-19-85, Cl. 384-319.000.
- Rusch, Dieter: *See—*
  - Behrens, Gunter; Schmitz, Walter; Kitzer, Peter; and Rusch, Dieter, 4,555,585, Cl. 136-245.000.
- Rusch, Randy A., to General Motors Corporation. Uses for buried contacts in integrated circuits. 4,547,959, 10-22-85, Cl. 29-577.00C.
- Rusch, Reinhard: *See—*
  - Kruger, Hans-Rudolf; Arndt, Friedrich; and Rusch, Reinhard, 4,491,466, Cl. 71-90.000.
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- Ruschek, Gerhard; Wietschorke, Stephan; and Sausner, Andreas, to VDO Adolf Schindling AG. Valve arrangement. 4,541,379, 9-17-85, Cl. 123-339.000.
- Ruschek, Gerhard: *See—*
  - Mann, Arnold; Ruschek, Gerhard; and Zenker, Reinhard, 4,530,326, Cl. 123-342.000.
  - Sauerschell, Wolfgang; Ruschek, Gerhard; and Mann, Arnold, 4,505,151, Cl. 73-116.000.
- Ruscheweyh, Hans, to Balcke-Duerr AG. Apparatus for mixing at least two individual streams having different thermodynamic functions of state. 4,498,786, 2-12-85, Cl. 366-336.000.
- Ruscheweyh, Hans, to Balcke-Duerr AG. Apparatus for the mixing of different streams of air in a cooling tower. 4,514,344, 4-30-85, Cl. 261-159.000.
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- Ruschke, Peter: *See—*
  - Frankenfeld, Klaus; Ruschke, Peter; Brodt, Peter; and Eich, Gerhard, 4,492,680, Cl. 423-321.00S.
- Ruschke, Rick R., to Baxter Travenol Laboratories, Inc. Solution administration set. 4,521,212, 6-4-85, Cl. 604-126.000.
- Ruschke, Ricky R., to Baxter Travenol Laboratories, Inc. Drip chamber assembly. 4,548,600, 10-22-85, Cl. 604-122.000.
- Ruschmann, Henry W., to Alpha Foils Inc. Apparatus for embossing holograms on metalized thermoplastic films. 4,547,141, 10-15-85, Cl. 425-374.000.
- Ruscigno, Harry G., to Advanced Medical Products, Inc. Pulsating hydrotherapy system. 4,552,132, 11-12-85, Cl. 128-38.000.
- Ruscitti, Tomaso; Albini, Giovanni; Torretta, Roberto; and Incerti Baldi, Andrea, to S.A.R. S.p.A. Valve and cap assembly for dispensing fluid materials under pressure with warranty seal. 4,511,064, 4-16-85, Cl. 222-153.000.
- Ruseff, Walter Z.; and Schimpf, James E., to Caterpillar Tractor Co. Pump control with fluid responsive standby pressure. 4,553,904, 11-19-85, Cl. 417-218.000.
- Rush, Beth; Howell, Dan M.; and Kolpek, Robert A., to International Business Machines Corporation. Word processor and display. 4,495,490, 1-22-85, Cl. 340-709.000.
- Rush, David H.: *See—*
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Rush, Elton E., to Phillips Petroleum Company. Method of discharging an aerosol container to measure charge buildup on the container. 4,502,012, 2-26-85, Cl. 324-452.000.

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Royse, Vicki L.; and Jensen, Donald M., 4,559,120, Cl. 204-182.800.

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Rushing, William C., to Berntsen, Inc. Driven-type sectionalized survey monument resistant to removal. 4,502,258, 3-5-85, Cl. 52-103.000.

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Rusk, Chris E. Writing aid and method of teaching using the writing aid. 4,526,547, 7-2-85, Cl. 434-166.000.

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Russ, Julio G.; and Barrom, Donna L., to Plough, Inc. Long-wearing eyeshadow compositions. 4,537,766, 8-27-85, Cl. 424-63.000.

Russ, Julio G.; and Barrom, Donna L., to Plough, Inc. Method for making cosmetic pencils. 4,545,983, 10-8-85, Cl. 424-63.000.

Russ, Norman. Power key turner. 4,557,124, 12-10-85, Cl. 70-456.00R.

Russack, Harvey: *See—*
Pipa, William; Warren, Robert F.; and Russack, Harvey, 4,550,679, Cl. 118-52.000.

Russak, Steffen P., to Sulzer Brothers Limited. Pressure medium actuated servo-motor system. 4,513,943, 4-30-85, Cl. 251-31.000.

Russel, Matthew J., to Eastman Kodak Company. Copy sheet positioning apparatus. 4,537,493, 8-27-85, Cl. 355-3.0SH.

Russell, Alexander H.: *See—*
McClinton, John L.; and Russell, Alexander H., 4,533,568, Cl. 427-135.000.

Russell, Anthony W.; and Russell, Michael K., to NL Sperry-Sun, Inc. Surveying of a borehole for position determination. 4,507,958, 4-2-85, Cl. 73-151.000.

Russell, Anthony W.; and Russell, Michael K., to NL Sperry-Sun, Inc. Apparatus for signalling within a borehole while drilling. 4,535,429, 8-13-85, Cl. 367-85.000.

Russell, Bruce A.; and Abdel-Fattah, Adnan M., to James Howden Australia Pty. Limited. Axial and mixed flow fans and blowers. 4,511,308, 4-16-85, Cl. 415-191.000.

Russell, Burdsall & Ward Corporation: *See—*
Capuano, Terry D., 4,543,023, Cl. 411-180.000.
Pamer, Walter R.; Zils, James A.; and Capuano, Terry D., 4,498,825, Cl. 411-11.000.

Russell, Carl D. Pumping unit and reversing valve and method of operating. 4,504,197, 3-12-85, Cl. 417-404.000.

Russell, Carl D. Auxiliary mechanical and physically controlled electronic actuated air pressure handling apparatus for truck and trailer braking systems. 4,538,859, 9-3-85, Cl. 303-24.00R.

Russell, Carl D. Explosion-proof and fog-free day and night outside rear view mirror incorporating variable position actuator. 4,560,250, 12-24-85, Cl. 350-279.000.

Russell, Cornelius R., to Combustion Engineering, Inc. Nozzle cooled by heat pipe means. 4,516,631, 5-14-85, Cl. 165-47.000.

Russell, David B.: *See—*
Gitlitz, Melvin H.; Russell, David B.; and Leiner, Howard H., 4,532,269, Cl. 523-122.000.

Russell, Derek V., to Alphacrete Construction Linings (UK) Limited. Method for reinforcing tubular ducts. 4,519,177, 5-28-85, Cl. 52-745.000.

Russell, Donald J.; and Sanders, Michael A., to Healthdyne, Inc. Patient monitor for providing respiration and electrocardiogram signals. 4,506,678, 3-26-85, Cl. 128-723.000.

Russell, Edward J.: *See—*
Reynolds, Gordon S.; Todd, Robert J.; and Russell, Edward J., 4,557,269, Cl. 128-675.000.

Russell, Frank S.; and Simonelli, Robert J., to Sleeper & Hartley Corp. Method of supporting a camshaft in a wire coiling machine. 4,524,597, 6-25-85, Cl. 72-135.000.

Russell, Frank S.; and Simonelli, Robert J., to Sleeper & Hartley Corp. Wire coiling machine. 4,528,831, 7-16-85, Cl. 72-131.000.

Russell, Frederick E., to Protectaire Systems Co. Sludge removal apparatus. 4,545,295, 10-8-85, Cl. 98-115.200.

Russell, Glen D.; and Steuri, Christian, to Procter & Gamble Company, The. Shampoo compositions comprising specific betaine surfactants and a quaternary compound. 4,534,877, 8-13-85, Cl. 252-106.000.

Russell, Gordon A., to Mobil Oil Corporation. Device for holding formation cores for boring. 4,519,592, 5-28-85, Cl. 269-25.000.

Russell, Gordon A.: *See—*
Quigley, M. Scott; and Russell, Gordon A., 4,510,801, Cl. 73-153.000.

Russell, James D., to Simonsen Laboratories, Inc. Modified live sendai virus vaccine for administering through an aerosol and method of producing the same. 4,554,158, 11-19-85, Cl. 424-89.000.

Russell, James L., to Arinc Research Corporation. Correlation data communications system. 4,527,275, 7-2-85, Cl. 375-1.000.

Russell, James T., to Digital Recording Corporation. Recording and playback system. 4,495,609, 1-22-85, Cl. 369-44.000.

Russell, James T.: *See—*
Brenden, Bryon B.; and Russell, James T., 4,545,653, Cl. 350-432.000.

Russell, Janet A.; and Riemath, William F., to United States of America, Energy. Method for making adhesive from biomass. 4,508,886, 4-2-85, Cl. 528-1.000.

Russell, Jeffrey A.: *See—*
Clampitt, Richard L.; and Russell, Jeffrey A., 4,514,308, Cl. 252-8.50C.

Russell, John L., Jr.; and Noonan, Denise J., to Nuclear Medicine, Inc. Methods for neutron-capture tumor therapy. 4,516,535, 5-14-85, Cl. 128-1.100.

Russell, John P.; and Goodman, Alvin M., to RCA Corporation. Power switching circuitry. 4,551,643, 11-5-85, Cl. 307-570.000.

Russell, Larry: *See—*
Franco-Ferreira, Edgard A.; and Toohey, William J., 4,547,653, Cl. 219-124.340.

Russell, Larry R. Surface controlled auxiliary blade stabilizer. 4,491,187, 1-1-85, Cl. 175-325.000.

Russell, Melvin E., Jr.: *See—*
Marrero, Raul; and Russell, Melvin E., Jr., 4,531,472, Cl. 116-28.00R.

Russell, Michael J. H.; and Murrer, Barry A., to Johnson Matthey Public Limited Company. Hydrogenation of olefins and aldehydes. 4,517,390, 5-14-85, Cl. 568-881.000.

Russell, Michael K.: *See—*
Russell, Anthony W.; and Russell, Michael K., 4,507,958, Cl. 73-151.000.
Russell, Anthony W.; and Russell, Michael K., 4,535,429, Cl. 367-85.000.

Russell, Norton A.: *See—*
Duncan, Richard K.; and Russell, Norton A., 4,535,818, Cl. 137-846.000.

Russell, Philip P.; Niu, Tyan-Faung; and Holland, Frederic A., to Xerox Corporation. Simultaneous formation and deposition of multiple ribbon-like streams. 4,521,457, 6-4-85, Cl. 427-286.000.

Russell, Raymond L.: *See—*
Everman, Wayne F.; Lewis, D. Michael; and Russell, Raymond L., 4,537,584, Cl. 493-93.000.

Russell, Richard H. Automated machine. 4,531,884, 7-30-85, Cl. 414-729.000.

Russell, Robert B., to Morgan Construction Company. Steel rod rolling process. 4,491,488, 1-1-85, Cl. 148-144.000.

Russell, Robert J., to Mail-Ex Corporation. Semi-automatic insertion machine for envelopes. 4,499,705, 2-19-85, Cl. 53-266.00A.

Russell, Robert J., to Mail-Ex Corporation. Semi-automatic insertion machine. 4,527,378, 7-9-85, Cl. 53-266.00A.

Russell, Robert J., to Honeywell Information Systems Inc. Method for testing electronic assemblies. 4,556,840, 12-3-85, Cl. 324-73.00R.

Russell, Roy R. B., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Social Services in Her Britannic Majesty's Government of the. Protection against dental caries. 4,521,513, 6-4-85, Cl. 435-68.000.

Russell, Rupert A. V.: *See—*
Evans, Brian E.; Hemm, Stephen R.; and Russell, Rupert A. V., 4,535,285, Cl. 324-71.100.

Russell, Stanley L.: *See—*
Gueldenpfennig, Klaus; Russell, Stanley L.; Oswald, William A.; Breidenstein, Charles J.; and Narula, Karam V., 4,521,879, Cl. 370-62.000.

Russell, Steven J.: *See—*
Williams, Malcolm; Tingey, Albert R.; Southgate, John P.; and Russell, Steven J., 4,512,319, Cl. 123-492.000.

Russell, William A.: *See—*
Babbel, John H.; Russell, William A.; and Steele, Robert B., 4,521,870, Cl. 364-900.000.

Russell, William C. Insulator for bottled beverages. 4,549,410, 10-29-85, Cl. 62-457.000.

Russello, Thomas: *See—*
Sangiamo, Richard; and Russello, Thomas, 4,527,224, Cl. 362-282.000.

- Russer, Peter: *See—*
  - Petermann, Klaus; and Russer, Peter, 4,529,313, Cl. 356-350.000.
- Russev, Lyubomir S.: *See—*
  - Atanassov, Lyuben P.; Kohen, Eliezer H.; Maleshkov, Vladimir D.; Antonov, Dimo P.; Russev, Lyubomir S.; and Georgiev, Georgi A., 4,558,408, Cl. 364-130.000.
- Russiello, Andrea, to Wilmington Chemical Corporation. Crosslinked polyurethane dispersions. 4,554,308, 11-19-85, Cl. 524-591.000.
- Russo, Anthony; and Mauthner, Thomas, to J. Hall Company. Aqueous metal treating compositions and method of use. 4,514,325, 4-30-85, Cl. 252-557.000.
- Russo, Carl J., to Varian Associates, Inc. Process for high temperature drive-in diffusion of dopants into semiconductor wafers. 4,503,087, 3-5-85, Cl. 427-55.000.
- Russo, Carl J., to Varian Associates, Inc. Ion chamber for electron-bombardment ion sources. 4,516,050, 5-7-85, Cl. 313-359.100.
- Russo, Carl J.: *See—*
  - Liebert, Reuel B.; and Russo, Carl J., 4,512,812, Cl. 134-21.000.
- Russo, Cheryl L.: *See—*
  - Gimpelson, George E.; and Russo, Cheryl L., 4,515,652, Cl. 156-643.000.
- Russo, David A.: *See—*
  - Bednarski, John R.; Gitlitz, Melvin H.; and Russo, David A., 4,547,532, Cl. 523-122.000.
- Russo, Frank A.; Pauwels, Michael A.; and Bauer, Thomas A., to Allied Corporation. Microprocessor based engine control system for controlling heavy engine loads. 4,556,942, 12-3-85, Cl. 364-431.070.
- Russo, Frank D.: *See—*
  - Leech, Edward J.; and Russo, Frank D., 4,504,607, Cl. 523-427.000.
  - Leech, Edward J.; and Russo, Frank D., 4,510,276, Cl. 523-427.000.
  - Leech, Edward J.; and Russo, Frank D., 4,551,488, Cl. 523-427.000.
- Russo, Gene W.: *See—*
  - Iadarola, Ralph E.; Strassle, Warren F.; and Russo, Gene W., 4,543,715, Cl. 29-852.000.
- Russo, John B. Device for deterring unauthorized climbing of permanent ladders. 4,524,848, 6-25-85, Cl. 182-77.000.
- Russo, Joseph D.: *See—*
  - Lillibridge, Harold R.; and Russo, Joseph D., 4,545,846, Cl. 156-578.000.
- Russo, Joseph L.: *See—*
  - Miller, Robert E.; Russo, Joseph L.; Sonder, Richard; and Soni, Abraham H., 4,494,259, Cl. 5-66.000.
- Russo, Louis: *See—*
  - Luo, Tatao; Russo, Louis; and Freenor, Francis J., III. 4,534,786, Cl. 71-88.000.
- Russo, Neil C.: *See—*
  - Genna, Salvatore A., 4,530,549, Cl. 312-121.000.
- Russo, Peter J. Bathing trunks. 4,501,024, 2-26-85, Cl. 2-67.000.
- Russo, Ronald D. Thoracic drainage device. 4,519,796, 5-28-85, Cl. 604-319.000.
- Russo, Ronald D., to SIL-FAB Corporation. Surgical suction drain. 4,523,920, 6-18-85, Cl. 604-93.000.
- Russo, Ronald D., to Superior Plastic Products Corp. Suction control device for aspirator system. 4,534,542, 8-13-85, Cl. 251-342.000.
- Russo, Ronald D. Cardiopulmonary drainage collector with blood transfer adapter. 4,540,413, 9-10-85, Cl. 604-320.000.
- Russo, Vera: *See—*
  - Sottini, Stefano; Brenci, Massimo; Righini, Giancarlo; Falciai, Riccardo; Russo, Vera; and Scheggi, Verga A., 4,521,070, Cl. 350-96.150.
- Russomanno, Charles, to Block Drug Company, Inc. Automatic dispenser for disinfectant and bowl cleaning fluid. 4,534,071, 8-13-85, Cl. 4-228.000.
- Russomanno, Charles G.: *See—*
  - Hauptmann, Michael C.; and Russomanno, Charles G., 4,534,070, Cl. 4-228.000.
- Russtech Engineering Company, Inc.: *See—*
  - Fieberg, Russell F.; and Fieberg, Donald E., 4,512,071, Cl. 29-278.000.
- Rust, Meinhard: *See—*
  - Kramann, Bernhard; and Rust, Meinhard, 4,509,945, Cl. 604-164.000.
- Rust-Oleum Corporation: *See—*
  - Brouillette, Bruce R.; and Shafer, Martha J., 4,518,734, Cl. 524-378.000.
- Rusteberg, Robert K., to Panlmatic Company. Valve assembly. 4,548,232, 10-22-85, Cl. 137-519.000.
- Rustomji, Sam H., to Sigmatron Associates. Mask for vacuum depositing back metal electrodes on EL panel. 4,511,599, 4-16-85, Cl. 427-66.000.
- Ruston, Donald A.: *See—*
  - Campbell, James R., 4,551,604, Cl. 219-78.120.
- Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, to Magyar Tudomanyos Akademia Kozponti Hivatala; and Lenin Mezogazdasagi Termeloszovetkezet. Method for increasing the biological value of manures, dung-waters, organic wastes and/or soils rich in lysine. 4,534,782, 8-13-85, Cl. 71-21.000.
- Rusznyak, Andreas, to Asulab S.A. Amplifier circuit having a high-impedance input and a low-impedance output. 4,492,932, 1-8-85, Cl. 330-300.000.
- Rutan, Fred E.; and Chmelar, Mark A., to Deere & Company. Fuel tank venting valve. 4,561,559, 12-31-85, Cl. 220-203.000.
- Rutenbar, Robin A.; and Lougheed, Robert M., to Environmental Research Institute of Michigan; and University of Michigan, The. Routing techniques using serial neighborhood image analyzing system. 4,541,114, 9-10-85, Cl. 382-8.000.
- Ruter, Bernhard, to Rheinische Braunkohlenwerke AG. Process for grind-drying wet solid fuel. 4,498,632, 2-12-85, Cl. 241-18.000.
- Ruter, Ewald. Framework made of hollow sections. 4,530,614, 7-23-85, Cl. 403-7.000.
- Ruterswerke Aktiengesellschaft: *See—*
  - Orth, Winfried; and Fickert, Werner, 4,529,800, Cl. 546-297.000.
- Rutgers Research & Educational Foundation: *See—*
  - Seltzer, Edward; and Hamilton, William A., 4,495,214, Cl. 426-557.000.
- Rutgerswerke Aktiengesellschaft: *See—*
  - Glaser, Herbert; and Stolzenberg, Konrad, 4,534,949, Cl. 423-445.000.
  - Grigoleit, Georg; Oberkobusch, Rudolf; Stadelhofer, Jurgen; and Matern, Kurt, 4,523,016, Cl. 546-252.000.
  - Luecke, Wolfgang; Beneke, Herbert; and Friedrich, Bodo, 4,539,388, Cl. 528-271.000.
  - Orth, Winfried; and Fickert, Werner, 4,493,9[illegible], Cl. 548-562.000.
  - Orth, Winfried; and Fickert, Werner, 4,546,190, Cl. 546-303.000.
  - Orth, Winfried; Pastorek, Emmerich; and Fickert, Werner, 4,549,024, Cl. 546-320.000.
  - Tonnius, Dietrich; Weiss, Wolfgang; Orth, Winfried; Miele, Heinrich; and Pastorek, Emmerich, 4,510,090, Cl. 260-396.00R.
- Ruth, George F., Jr. Mud walker. 4,525,941, 7-2-85, Cl. 36-116.000.
- Ruth, John V.; and Potts, Garfield C., to Ultra Mileager Company, Inc. Carburetor vaporizer. 4,512,323, 4-23-85, Cl. 123-557.000.
- Ruth, Kenneth: *See—*
  - Berger, Charles; and Ruth, Kenneth, 4,517,267, Cl. 430-3.000.
- Ruth-Larson, Dawn; and Nels, James S., to Kimberly-Clark Corporation. Surgical gown for high fluid procedures. 4,535,481, 8-20-85, Cl. 2-114.000.
- Ruth, Ulrich: *See—*
  - Struck, Helmut; Richter, Karl H.; Klein, Michael; Ruth, Ulrich; and Ulke, Walter, 4,522,418, Cl. 280-95.00A.
- Ruth, Ursula: *See—*
  - Sternberg, Walter; Schreyer, Fritz; and Ruth, Ursula, 4,510,811, Cl. 73-611.000.
- Ruthardt, Rolf, to Leybold-Heraeus GmbH. Device for manufacturing powder by dividing a melt. 4,522,577, 6-11-85, Cl. 425-6.000.
- Ruthenberg, Ross E.: *See—*
  - Reynolds, Gary R.; Gaynor, Thomas R.; Olivera, Raul; Ruthenberg, Ross E.; Smith, Jay G.; Kurby, Christopher N.; and Mansfield, Terry K., 4,491,806, Cl. 331-96.000.
- Rutherford, David A.; and Albers, Gerard P., to Texaco Inc. Protective riser-conductor for offshore structures. 4,527,928, 7-9-85, Cl. 405-211.000.
- Rutherford, David B., Jr.: *See—*
  - Sibley, Henry C.; and Rutherford, David B., Jr., 4,495,578, Cl. 364-426.000.
- Rutherford, David G.; Helling, Bernd; and Long, John H., to Associated Press, The. Portable facsimile transmitter. 4,547,810, 10-15-85, Cl. 358-256.000.
- Rutherford, Dennis F.; and Blackmore, Keith D., to Dowty Mining Equipment Limited. Roof support for use in mines. 4,492,495, 1-8-85, Cl. 405-294.000.
- Rutherford, Howard J.; and Withycombe, Donald A., to International Flavors & Fragrances Inc. Process for forming functional fluid and solid-containing thermoplastic films, uses thereof and process for producing same. 4,521,541, 6-4-85, Cl. 521-79.000.
- Rutherford, Howard J.; and Withycombe, Donald A., to International Flavors & Fragrances Inc. Process for forming insect, animal or bird repellent fluid and solid-containing thermoplastic films and pellets, uses thereof and process for producing same. 4,542,162, 9-17-85, Cl. 521-79.000.
- Rutherford, Howard J.; and Withycombe, Donald A., to International Flavors & Fragrances Inc. Process for forming functional fluid and solid-containing thermoplastic films, uses thereof and process for producing same. 4,543,367, 9-24-85, Cl. 521-79.000.
- Rutherford, John M., Jr.: *See—*
  - Lorenz, Donald H.; Murphy, Edward J.; and Rutherford, John M., Jr., 4,521,404, Cl. 424-71.000.
- Ruthmansdorfer, David A.: *See—*
  - Reichenbach, Dean H.; Stang, John H.; Cummings, Lewis W.; Glasson, Richard E.; and Ruthmansdorfer, David A., 4,520,627, Cl. 60-599.000.
- Ruti Machinery Works, Ltd.: *See—*
  - Lutz, Friedrich, 4,493,347, Cl. 139-449.000.
- Ruti-Te Strake B.V.: *See—*
  - Aarts, Hubertus H., 4,529,010, Cl. 139-1.00R.
  - Manders, Petrus G. J., 4,550,752, Cl. 139-435.000.
  - van Hest, Cornelius A. J. H., 4,534,387, Cl. 139-435.000.
  - van Mullekom, Hubert P., 4,503,889, Cl. 139-1.00R.
  - van Mullekom, Hubert P., 4,541,460, Cl. 139-429.000.
- Rutil S.r.l.: *See—*
  - Coscia, Giovanni A., 4,491,416, Cl. 366-73.000.
- Rutili, Renzo N.: *See—*
  - Hamilton, Lawrence E.; and Rutili, Renzo N., 4,493,958, Cl. 200-314.000.
  - Hamilton, Lawrence E.; and Rutili, Renzo N., 4,551,598, Cl. 200-314.000.
- Rutishauser, Albert. Mechanically-operated magazine-unloading, sheet-feeding mechanism for sheet processing apparatus. 4,509,734, 4-9-85, Cl. 271-10.000.

Rutkowski, Eugene V.: *See—*
- Blumenthal, Jack L.; Ogren, John R.; Rutkowski, Eugene V.; and Appel, Marvin, 4,514,698, Cl. 330-4.300.

Rutkowski, Richard G.; Dwyer, John J.; and Hoover, John W., to Dictaphone Corporation. Head support and positioning assembly for record/playback device. 4,547,821, 10-15-85, Cl. 360-75.000.

Rutledge, Charles W.: *See—*
- Menzies, Robert T.; and Rutledge, Charles W., 4,509,130, Cl. 364-556.000.

Rutledge, David L.; and Fisher, Barbara J., to Harris Corporation. A.C. Testing of logic arrays. 4,503,387, 3-5-85, Cl. 324-73.00R.

Rutledge, Donald R., to AT&T Bell Laboratories. Apparatus for directly converting thermal to rotational energy. 4,503,676, 3-12-85, Cl. 60-527.000.

Rutledge, Joseph: *See—*
- Valone, Frederick W.; and Rutledge, Joseph, 4,499,006, Cl. 252-392.000.

Rutledge, Myron J.: *See—*
- Pietraszek, Mitchell E.; and Rutledge, Myron J., 4,548,189, Cl. 124-41.00A.

Rutledge, Raleigh N.; and Hahn, Granville J., to Cosden Technology, Inc. Rotary extruder. 4,501,543, 2-26-85, Cl. 425-191.000.

Rutledge, Raleigh N., to Cosden Technology, Inc. Apparatus for extruding thermoplastic compositions. 4,560,334, 12-24-85, Cl. 425-4.00C.

Rutledge, Raleigh N.: *See—*
- Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., 4,499,041, Cl. 264-173.000.
- Hahn, Granville J.; Rutledge, Raleigh N.; and Murley, Jackie D., 4,507,071, Cl. 425-133.100.
- Hahn, Granville J.; and Rutledge, Raleigh N., 4,512,395, Cl. 165-101.000.
- Hahn, Granville J.; and Rutledge, Raleigh N., 4,512,943, Cl. 264-173.000.
- Hahn, Granville J.; and Rutledge, Raleigh N., 4,548,570, Cl. 425-141.000.
- Searl, Alonzo H.; Hahn, Granville J.; and Rutledge, Raleigh N., 4,526,736, Cl. 264-53.000.

Rutledge, Seth E. Split bushing and tool kit. 4,494,290, 1-22-85, Cl. 29-280.000.

Rutloh, Max, to Krautkramer-Branson, Inc. Circuit for generating sawtooth shaped pulses for ultrasonic instruments. 4,497,211, 2-5-85, Cl. 73-606.000.

Rutsch, Werner: *See—*
- Berner, Godwin; and Rutsch, Werner, 4,540,598, Cl. 427-54.100.
- Husler, Rinaldo; Rutsch, Werner; and Dietliker, Kurt, 4,498,964, Cl. 204-159.230.
- Husler, Rinaldo; Kirchmayr, Rudolf; and Rutsch, Werner, 4,559,371, Cl. 204-158.00R.
- Kirchmayr, Rudolf; and Rutsch, Werner, 4,504,372, Cl. 204-159.150.
- Kirchmayr, Rudolf; and Rutsch, Werner, 4,510,290, Cl. 525-162.000.

Rutsche, Wendolin: *See—*
- Langenegger, Urs; Roffler, Werner; and Rutsche, Wendolin, 4,516,509, Cl. 108-147.000.

Rutschle, Eugen; Winkler, Hans-Henning; and Haninger, Rudolf, to Chiron-Werke GmbH. Machine tool with tool magazine. 4,557,035, 12-10-85, Cl. 29-568.000.

Rutschmann, Erwin, to Dr. Ing. h.c.F. Porsche AG. Multi-cylinder combustion engine intake manifold. 4,510,896, 4-16-85, Cl. 123-52.0MB.

Rutte, Siegfried: *See—*
- Lewis, Edwin C.; Henschenmacher, Helmut; Ecker, Karl-Heinz; Giernalczyk, Hartmut; and Rutte, Siegfried, 4,516,477, Cl. 92-128.000.

Rutten, Hendrik G. J., to Oce-Nederland B.V. Exposure device for locally discharging a photoconductive imaging element. 4,497,565, 2-5-85, Cl. 355-3.00R.

Rutten, Joseph; Hoeks, Gerardus P. F.; and van Kemenade, Johannes T. C., to U.S. Philips Corporation. Luminescent screen and lamp containing the same. 4,524,300, 6-18-85, Cl. 313-487.000.

Rutten, Peter T.; and Kalinowski, James E., to Blue Harbor, Inc. Sea anchor. 4,534,306, 8-13-85, Cl. 114-311.000.

Ruttenberg, Alexander; and Zur, Alexander, to T.M.B. Fertilizer Pumps Ltd. Fluid driven reciprocating pump capable of either single-action or double-action operation. 4,548,551, 10-22-85, Cl. 417-393.000.

Rutter, Christopher C. Fluid dispenser. 4,493,438, 1-15-85, Cl. 222-83.000.

Rutter, Christopher C.: *See—*
- Pongrass, Robert G.; and Rutter, Christopher C., 4,524,458, Cl. 383-33.000.

Rutter, Jerry L.: *See—*
- Lange, Richard M.; and Rutter, Jerry L., 4,491,527, Cl. 252-51.50A.

Rutter, Larry J.: *See—*
- Smith, Gary R.; Rutter, Larry J.; and Amer, James E., 4,552,295, Cl. 226-195.000.

Rutter, Thomas M., to Fab-Form Products, Inc. Jack adapter. 4,558,848, 12-17-85, Cl. 254-100.000.

Rutty, John G.; and Arndt, Alfred. Anti-blocking device including stuck microphone reliever for aircraft voice communication system. 4,551,854, 11-5-85, Cl. 455-78.000.

Rutty, John G.: *See—*
- Arndt, Alfred; and Rutty, John G., 4,494,244, Cl. 455-78.000.

Rutz, Guido, to Ransburg-Gema AG. Spray device for electrostatic coating of articles with coating material. 4,529,131, 7-16-85, Cl. 239-690.000.

Rutzen, Horst; Nikolaus, Peter; Bischoff, Martin; and Lehmann, Rudolf, to Henkel Kommanditgesellschaft auf Aktien; and Degussa Aktiengesellschaft. Process for manufacture of quaternary ammonium compounds. 4,492,802, 1-8-85, Cl. 564-292.000.

Rutzki, Edith. Device for tensioning straps. 4,542,883, 9-24-85, Cl. 254-217.000.

Ruwart, Mary J.: *See—*
- Renis, Harold E.; and Ruwart, Mary J., 4,496,587, Cl. 514-573.000.

Rux, Paul R. Pet seat for automobiles. 4,512,286, 4-23-85, Cl. 119-96.000.

Ruxton, David: *See—*
- MacLeod, Nigel; and Ruxton, David, 4,518,904, Cl. 318-685.000.

Ruxton, David S.: *See—*
- Chalmers, Brian D.; Ruxton, David S.; and Miller, Kenneth L., 4,524,397, Cl. 360-77.000.

Ruyters, Wilhelmus N.: *See—*
- van Berkel, Johannes; and Ruyters, Wilhelmus N., 4,544,510, Cl. 260-465.00D.

Ruzek, Ivo: *See—*
- Hartmann, Ludwig; Ruzek, Ivo; and Locher, Engelbert, 4,496,508, Cl. 264-167.000.

Ruzek, Wolfgang, to Sulzer Brothers Limited. Heat exchanger for a process gas. 4,494,484, 1-22-85, Cl. 122-34.000.

Ruzicka, Alan V., to McCulloch Corporation. String trimmer with cut line retention pocket. 4,550,499, 11-5-85, Cl. 30-276.000.

Ruzicka, Jaromir: *See—*
- Hansen, Elo H.; and Ruzicka, Jaromir, 4,504,443, Cl. 422-81.000.

Ruziska, Philip A.: *See—*
- Pirkle, James C., Jr.; Montagna, Angelo A.; and Ruziska, Philip A., 4,536,380, Cl. 423-359.000.

RY AB, Fack: *See—*
- Smedberg, Olof R., 4,554,959, Cl. 144-380.000.

Ryabikov, Stanislav V.: *See—*
- Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V., 4,491,683, Cl. 136-259.000.

Ryadchikov, Vladimir E.: *See—*
- Bykov, Anatoly P.; Orlov, Anatoly A.; Gribanov, Dmitry D.; Kulesh, Vladimir P.; Fonov, Sergei D.; Egorov, Vitaly V.; Moskalik, Leonid M.; Martynov, Apollinary K.; and Ryadchikov, Vladimir E., 4,526,471, Cl. 356-373.000.

Ryan, Carl R.; and Hambley, Allan R., to Motorola, Inc. Recursive adaptive equalizer for SMSK data links. 4,547,888, 10-15-85, Cl. 375-14.000.

Ryan, Charles P.; Guenthner, Russell W.; and Trubisky, Leonard G., to Honeywell Information Systems Inc. Cache with independent addressable data and directory arrays. 4,527,238, 7-2-85, Cl. 364-200.000.

Ryan, Charles P.; and Guenthner, Russell W., to Honeywell Information Systems Inc. Verification of real page numbers of stack stored prefetched instructions from instruction cache. 4,551,799, 11-5-85, Cl. 364-200.000.

Ryan, Charles P.: *See—*
- Wilhite, John E.; Shelly, William A.; and Ryan, Charles P., 4,521,850, Cl. 364-200.000.

Ryan, Charles T.; Scheuerlein, Roy E.; and Kasprzak, Lucian A., to International Business Machines Corporation. Dynamic random access memory having separated V_{DD} pads for improved burn-in. 4,527,254, 7-2-85, Cl. 365-51.000.

Ryan, Charles W.; and Slomski, Bruce A., to Eli Lilly and Company. Synthesis of alkylidene intermediates. 4,501,921, 2-26-85, Cl. 564-99.000.

Ryan, Clara G.: *See—*
- Vining, Herbert C.; and Ryan, Clara G., 4,507,117, Cl. 604-196.000.

Ryan, Clarke S., to AT&T Bell Laboratories. Comparison of digital bit streams using modified parity. 4,530,095, 7-16-85, Cl. 371-49.000.

Ryan, Clarke S.: *See—*
- Austin, Stewart S.; Baldini, Joseph J., III; Jakubson, Joel E.; and Ryan, Clarke S., 4,507,783, Cl. 371-49.000.

Ryan, David. Generator and rechargeable battery system for pedal powered vehicles. 4,555,656, 11-26-85, Cl. 320-5.000.

Ryan, Douglas G.: *See—*
- Reid, Lloyd E.; Yao, Keith C.; and Ryan, Douglas G., 4,512,878, Cl. 208-179.000.

Ryan, Edward J., to United Technologies Corporation. Composite tape preform for abradable seals. 4,546,047, 10-8-85, Cl. 428-565.000.

Ryan, Gregory F.: *See—*
- Ryan, Kathryn A.; and Ryan, Gregory F., 4,527,540, Cl. 126-42.000.
- Ryan, Kathryn A.; and Ryan, Gregory F., 4,557,392, Cl. 215-11.00R.

Ryan, Harriet E.; and Ryan, Linda A. Riding mittens. 4,507,803, 4-2-85, Cl. 2-16.000.

Ryan, James P.: *See—*
- Nicholson, James E.; and Ryan, James P., 4,497,320, Cl. 128-305.000.

Ryan, John O., to Ampex Corporation. Apparatus and method for generating optimizing pictures under low light conditions. 4,503,466, 3-5-85, Cl. 358-211.000.

Ryan, John O., to Ampex Corporation. Demodulator for pulse width modulated signals. 4,521,736, 6-4-85, Cl. 329-102.000.

Ryan, John O., to Ampex Corporation. Method and apparatus for automatically controlling highlight effects. 4,540,919, 9-10-85, Cl. 315-384.000.

Ryan, John W., to Agrowparts Pty Ltd. Plow jump mechanism. 4,505,337, 3-19-85, Cl. 72-260.500.

Ryan, Kathryn A.; and Ryan, Gregory F. Children's safety shield for appliances. 4,527,540, 7-9-85, Cl. 126-42.000.

Ryan, Kathryn A.; and Ryan, Gregory F. Baby bottle with handles. 4,557,392, 12-10-85, Cl. 215-11.00R.

Ryan, Kenneth M.: *See—*
  Melillo, David G.; and Ryan, Kenneth M., 4,499,278, Cl. 548-240.000.

Ryan, Kevin P.; and Yank, Carl D., to ERCO Industries Limited. Production of red phosphorus. 4,526,766, 7-2-85, Cl. 423-322.000.

Ryan, Lawrence A., to Phillips Petroleum Company. Fractional distillation column control. 4,529,484, 7-16-85, Cl. 203-2.000.

Ryan, Linda A.: *See—*
  Ryan, Harriet E.; and Ryan, Linda A., 4,507,803, Cl. 2-16.000.

Ryan, Lizabeth L. Sanitary napkin. 4,551,145, 11-5-85, Cl. 604-389.000.

Ryan, Martin A.: *See—*
  McHenry, Robert J.; and Ryan, Martin A., 4,525,134, Cl. 425-130.000.
  McHenry, Robert J.; Seebohm, Robert; and Ryan, Martin A., 4,526,821, Cl. 428-35.000.

Ryan, Michael C. Soil sampler device. 4,556,114, 12-3-85, Cl. 175-20.000.

Ryan, Michael G.: *See—*
  Darves-Bornoz, Yves; Melvin, George E.; Ryan, Michael G.; and Saylor, Dennis L., 4,513,613, Cl. 73-159.000.

Ryan, Norman W.; and Peperakis, Angelo, Jr., to University of Utah. Steam generator apparatus and method. 4,558,743, 12-17-85, Cl. 166-303.000.

Ryan, Patrick J.; Davis, Michael A.; and Melchior, Donald L., to Trustees University of Massachusetts. Liposomes containing modified cholesterol for organ targeting. 4,544,545, 10-1-85, Cl. 424-1.100.

Ryan, Patrick J.: *See—*
  Ury, Michael G.; Wood, Charles H.; and Ryan, Patrick J., 4,504,768, Cl. 315-248.000.

Ryan, Philip J., to Frito-Lay, Inc. Potato product with opposite corrugations of different frequencies. 4,508,739, 4-2-85, Cl. 426-144.000.

Ryan, Robert C., to Shell Oil Company. Hydrodenitrification catalyst and a method for improving the activity of the catalyst. 4,504,589, 3-12-85, Cl. 502-66.000.

Ryan, Robert C.; and Slaugh, Lynn H., to Shell Oil Company. Homologous carboxylic acids production. 4,514,336, 4-30-85, Cl. 260-413.000.

Ryan, Robert C.; Adams, Charles T.; and Washecheck, Don M., to Shell Oil Company. Hydrodenitrification catalyst. 4,530,911, 7-23-85, Cl. 502-74.000.

Ryan, Theodore W.: *See—*
  Park, Duk-Won; and Ryan, Theodore W., 4,542,655, Cl. 73-784.000.

Ryan, Thomas D., to Formulabs Industrial Inks, Inc. Overprinting of dye colored poly(vinyl chloride) resins. 4,536,184, 8-20-85, Cl. 8-508.000.

Ryan, Thomas G., to Cyclops Corporation. High performance composite floor structure. 4,527,372, 7-9-85, Cl. 52-334.000.

Ryan, W. Kenneth. Alphanumeric section of office machine keyboards. 4,509,873, 4-9-85, Cl. 400-489.000.

Ryan, William E., to A. O. Smith Corporation. Method of making a molded fiber reinforced plastic leaf spring. 4,560,525, 12-24-85, Cl. 264-136.000.

Ryan, William J. Method and apparatus for cleaning tainted shellfish. 4,537,149, 8-27-85, Cl. 119-4.000.

Ryan, William P.; Mason, Richard A.; Maida, Vincent A.; and Donovan, Timothy F., to Mite Corporation. Combined metal and plastic standoff. 4,495,380, 1-22-85, Cl. 174-138.00D.

Ryan, William P.; and Schroeder, Thaddeus, to General Motors Corporation. Method of locating engine top dead center position. 4,520,658, 6-4-85, Cl. 73-117.300.

Ryan, William P.: *See—*
  Schroeder, Thaddeus; and Ryan, William P., 4,539,841, Cl. 73-116.000.

Ryang, Hong-Son, to General Electric Company. Heat curable epoxy resin compositions and epoxy resin curing agents. 4,511,701, 4-16-85, Cl. 525-533.000.

Ryang, Hong-Son, to General Electric Company. Heat curable compositions. 4,517,342, 5-14-85, Cl. 525-431.000.

Ryang, Hong-Son, to General Electric Company. Heat curable silicone-polyimide block copolymers. 4,522,985, 6-11-85, Cl. 525-431.000.

Ryang, Hong-Son, to General Electric Company. Silicon functionalized norbornane carboxyimide and methods for making. 4,533,737, 8-6-85, Cl. 548-110.000.

Ryason, P. R.: *See—*
  Devries, Louis; and Ryason, P. R., 4,507,517, Cl. 585-415.000.

Ryba, Chester. Band saw with tilt and slide frame and quick release vise. 4,503,743, 3-12-85, Cl. 83-801.000.

Ryba, John M.: *See—*
  Johnson, Charles L.; and Ryba, John M., 4,495,377, Cl. 174-68.500.

Rybakov, Jury V.: *See—*
  Nosal, Vsevolod V.; Rybakov, Jury V.; Golovkin, Viktor T.; Novokreschenov, Mikhail M.; Lysikov, Boris V.; and Staneshin, Anatoly V., 4,538,350, Cl. 29-825.000.

Rybeck, Torsten A. Blade and tool for its use in handling material, such as logs. 4,560,194, 12-24-85, Cl. 294-61.000.

Ryberg, Bertil; and Mellgren, Kenth, to Aktiebolaget Volvo Penta. Starter switch arrangement. 4,516,000, 5-7-85, Cl. 200-44.000.

Rybicki, George C.: *See—*
  Smialek, James L.; and Rybicki, George C., 4,535,035, Cl. 428-698.000.

Rybicky, Jaroslav: *See—*
  Kambanis, Stamatis M.; Berchem, Antoine; Gregoire, Dennis; and Rybicky, Jaroslav, 4,537,941, Cl. 527-403.000.

Rybka, Bruno: *See—*
  Borchard, Heinz; Knothe, Herbert; and Rybka, Bruno, 4,515,843, Cl. 428-64.000.

Rychiger, Peter: *See—*
  Hambleton, Thomas P.; Guevara, Erick; and Rychiger, Peter, 4,557,398, Cl. 220-270.000.

Rychnovsky, Raymond E.: *See—*
  Jacobson, Albin K.; Rychnovsky, Raymond E.; and Visbeck, Cornelius N., 4,499,829, Cl. 102-378.000.

Ryckman, William D., Jr., to Black & Decker Inc. Toaster oven. 4,538,049, 8-27-85, Cl. 219-386.000.

Ryczek, Lawrence J., to Eaton Corporation. Short circuit protector having fold-back trip point for solid state switching device. 4,513,343, 4-23-85, Cl. 361-101.000.

Ryczek, Lawrence J.; and Janutka, William J., to Eaton Corporation. Comparator timer with dual function adjustment. 4,521,694, 6-4-85, Cl. 307-266.000.

Ryczek, Lawrence J.; and Janutka, William J., to Eaton Corporation. Adjustable frequency oscillator. 4,521,748, 6-4-85, Cl. 331-108.00D.

Ryczek, Lawrence J., to Eaton Corporation. ON/OFF delay circuit. 4,560,891, 12-24-85, Cl. 307-597.000.

Ryczek, Lawrence J., to Eaton Corporation. One-shot delay timer. 4,560,892, 12-24-85, Cl. 307-597.000.

Rydborn, Sten A. Apparatus for controlling a number of boilers. 4,534,321, 8-13-85, Cl. 122-448.00B.

Rydell, Mark A., to Angiomedics Incorporated. Catheter having embedded multi-apertured film. 4,547,193, 10-15-85, Cl. 604-282.000.

Rydell, Mark A.: *See—*
  Fletcher, Bruce W.; Rydell, Mark A.; and Reese, Edward W., 4,551,292, Cl. 264-139.000.
  Van Tassel, Robert A.; Rydell, Mark A.; and Schjeldahl, Gilmore T., 4,531,943, Cl. 604-280.000.

Ryden, David M. Remotely operated chimney cleaning apparatus. 4,543,681, 10-1-85, Cl. 15-163.000.

Ryder, Alan, to Schlumberger Electronics (U.K.) Limited. Methods and apparatus for frequency response analysis. 4,510,440, 4-9-85, Cl. 324-77.00G.

Ryder, Francis E.; and Ryder, Scott, to Ryder International Corporation. Contact lens disinfector. 4,492,854, 1-8-85, Cl. 219-521.000.

Ryder, Francis E.; and Rabenau, Richard. Contact lens marking fixture. 4,543,882, 10-1-85, Cl. 101-35.000.

Ryder International Corporation: *See—*
  Rabenau, Richard; and Ryder, Jeffery A., 4,518,390, Cl. 8-507.000.
  Ryder, Francis E.; and Ryder, Scott, 4,492,854, Cl. 219-521.000.

Ryder, James H.: *See—*
  Ansite, William K.; and Ryder, James H., 4,5[illegible]2,639, Cl. 55-314.000.

Ryder, Jeffery A.: *See—*
  Rabenau, Richard; and Ryder, Jeffery A., 4,518,390, Cl. 8-507.000.

Ryder, John C.: *See—*
  Maier, Otto H.; Seifert, James F.; Ryder, John C.; and Grisez, William F., 4,513,853, Cl. 198-410.000.

Ryder, Scott: *See—*
  Ryder, Francis E.; and Ryder, Scott, 4,492,854, Cl. 219-521.000.

Rydholm, Manford E.: *See—*
  Zuber, Chester L.; Butrum, Virgil T.; Gorss, Jeffrey B.; and Rydholm, Manford E., 4,491,475, Cl. 75-65.00R.

Rydwansky, Frank C., Jr.: *See—*
  Damon, Neil F.; and Rydwansky, Frank C., Jr., 4,508,405, Cl. 339-75.0MP.

Rye, Grover W.; and Palmer, Kenneth J., to Goodyear Tire & Rubber Company, The. Metallic cable and method and apparatus for making same. 4,545,190, 10-8-85, Cl. 57-212.000.

Rye, Grover W.: *See—*
  Brandyberry, Dennis R.; and Rye, Grover W., 4,495,759, Cl. 57-58.520.
  Palmer, Kenneth J.; Brandyberry, Dennis R.; and Rye, Grover W., 4,516,395, Cl. 57-237.000.

Rye, Palle: *See—*
  Bradley, Wilson E., Jr.; and Rye, Palle, 4,500,330, Cl. 55-257.0PV.
  Ganter, Robert; Whitmoyer, Robert; and Rye, Palle, 4,493,637, Cl. 431-190.000.

Rye, Phillip H. Fish hook and lure. 4,557,065, 12-10-85, Cl. 43-43.160.

Ryer, Jack; Bloch, Ricardo; and Deen, Harold E., to Exxon Research & Engineering Co. Additive for power transmission shift fluids. 4,532,062, 7-30-85, Cl. 252-78.100.

Ryerse, John A.: *See—*
  Trechsel, Hans W.; Larson, Allan B.; and Ryerse, John A., 4,508,148, Cl. 141-147.000.

Rygalin, Viktor G.: *See—*
  Uretsky, Yan S.; Mnekin, Ravil V.; Rygalin, Viktor G.; Grechinsky, Dmitry A.; and Klochko, Viktor A., 4,493,213, Cl. 73-664.000.

Ryko Manufacturing Company: *See—*
  Klein, Julian L.; Nelson, James A.; and Smith, Terrence J., 4,527,578, Cl. 134-57.00R.

Rylicki, Edward J.: *See—*
  Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., 4,507,131, Cl. 55-104.000.
  Fathauer, George H.; Fowler, James M., Jr.; Rylicki, Edward J.; and Mason, Edwin E., 4,523,463, Cl. 73-204.000.

Rymal, Theodore R., Jr., to Texas Oil Spill Control, Inc. Bilge system. 4,492,630, 1-8-85, Cl. 210-117.000.

Ryman Engineering Company: *See*—

Fatula, James J., Sr.; and Carroll, Martin J., 4,499,693, Cl. 51-322.000.

Rymarchyk, Nicholas M., Jr.; and Meinert, Leo L., to Pullman Berry Company. Lance for repairing the lining of steelmaking vessels. 4,494,737, 1-22-85, Cl. 266-281.000.

Rynhart Research Limited: *See*—

Wardell, Gerald E., 4,532,469, Cl. 324-61.00R.

Ryntz, Edward F., Jr.; and Bommarito, John J., to General Motors Corporation. Chill-enhanced lost foam casting process. 4,520,858, 6-4-85, Cl. 164-34.000.

Ryo, Eisaku: *See*—

Nakae, Taiji; and Ryo, Eisaku, 4,560,665, Cl. 436-172.000.

Ryobi Ltd.: *See*—

Hakoda, Kouzou, 4,549,371, Cl. 51-170.0MT.

Ishii, Koji, 4,502,388, Cl. 101-415.100.

Ishikawa, Noritoki, 4,552,546, Cl. 474-82.000.

Maruyama, Kenji; and Sazaki, Konin, 4,527,752, Cl. 242-84.20G.

Ozaki, Kiyomi; and Tunoda, Kikuo, 4,509,704, Cl. 242-84.20A.

Ozaki, Kiyomi; and Tsunoda, Kikuo, 4,524,921, Cl. 242-84.10J.

Sazaki, Kounin; and Murakami, Hideo, 4,502,645, Cl. 242-84.20G.

Sazaki, Kounin, 4,526,327, Cl. 242-84.20G.

Tsunoda, Kikuo; and Kobayashi, Takehiro, 4,513,926, Cl. 242-84.20G.

Tunoda, Kikuo, 4,512,531, Cl. 242-84.21R.

Tunoda, Kikuo; and Ozaki, Kiyomi, 4,524,923, Cl. 242-84.50A.

Uetsuki, Haruo; and Kobayashi, Takehiro, 4,540,135, Cl. 242-84.51R.

Ryoke, Katsumi; Yamaguchi, Nobutaka; Yoneyama, Takashi; and Tadokoro, Eiichi, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,497,864, 2-5-85, Cl. 428-323.000.

Ryoke, Katsumi; Masuyama, Kenichi; Yoneyama, Takashi; Nasu, Norio; and Tadokoro, Eiichi, to Fuji Photo Film Co., Ltd. Magnetic recording medium having improved running properties. 4,539,257, 9-3-85, Cl. 428-323.000.

Ryoke, Katsumi; Abe, Yasuhiro; Iida, Shinobu; and Tadokoro, Eiichi, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,552,798, 11-12-85, Cl. 428-194.000.

Ryoke, Katsumi; Iida, Shinobu; Fujiyama, Masaaki; and Tadokoro, Eiichi, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,552,799, 11-12-85, Cl. 428-194.000.

Ryoke, Katsumi: *See*—

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Ryoke, Katsumi; and Tadokoro, Eiichi, 4,546,038, Cl. 428-323.000.

Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,554,220, Cl. 428-694.000.

Ryon, Ward E.: *See*—

David, John C.; and Ryon, Ward E., 4,550,122, Cl. 172-158.000.

Ryonichi Engineering Kabushiki Kaisha: *See*—

Najima, Tetsuo; Tetsuta, Setsuya; Sawata, Yukitaka; and Yamagishi, Masahiro, 4,508,620, Cl. 209-500.000.

Ryono, Denis E.; and Petrillo, Edward W., Jr., to E. R. Squibb & Sons, Inc. Aminoalkyl and related substituted phosphinic acid angiotensin converting enzyme inhibitors. 4,560,680, 12-24-85, Cl. 514-82.000.

Ryono, Denis E.: *See*—

Weller, Harold N., III; Gordon, Eric M.; Karanewsky, Donald S.; and Ryono, Denis E., 4,512,988, Cl. 514-211.000.

Ryowa Engineering Company, Limited: *See*—

Yamada, Kazuo; and Sakaki, Hiroshi, 4,504,223, Cl. 432-225.000.

Ryser, Gottlieb: *See*—

Bollag, Werner; Ruegg, Rudolf; and Ryser, Gottlieb, 4,532,355, Cl. 568-9.000.

Rysewyk, Ambrose L., to AT&T Technologies, Inc. Apparatus for tapping and draining batteries. 4,532,953, 8-6-85, Cl. 137-255.000.

Rysin, Nikolai I.: *See*—

Abramov, Vsevolod V.; Kuznetsov, Vsevolod V.; Veselov, Alexandr V.; Tkhai, Vitaly S.; Rysin, Nikolai I.; and Gerasimov, Vasily I., 4,501,549, Cl. 425-542.000.

Ryskin, Solomon E.: *See*—

Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.

Ryu, Hideo, to Usui Kokusai Sangyo Kabushiki Kaisha. Metal and ceramic assembly. 4,523,554, 6-18-85, Cl. 123-193.00C.

Ryu, Ji-yong, to Exxon Research & Engineering Co. Process for synthesizing α,β-ethylenically unsaturated products using a multicomponent acidic catalyst composition. 4,560,790, 12-24-85, Cl. 560-210.000.

Ryu, Kazuo: *See*—

Hareyama, Kyuichi; Shiraki, Kenji; and Ryu, Kazuo, 4,503,421, Cl. 340-347.0DA.

Ryu, Toshihiko, to NEC Corporation. 8-Phase phase-shift keying demodulator. 4,540,948, 9-10-85, Cl. 329-122.000.

Ryu, Toshihiko, to NEC Corporation. Quadrature amplitude demodulator comprising a combination of a full-wave rectifying circuit and binary detectors. 4,546,323, 10-8-85, Cl. 329-124.000.

Ryuno, Koitchiro: *See*—

Yamada, Hideaki; and Ryuno, Koitchiro, 4,555,487, Cl. 435-253.000.

Ryuo, Toshihiko: *See*—

Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, 4,534,821, Cl. 156-617.0SP.

Ryusyo Industrial Co., Ltd.: *See*—

Kawahara, Akira, 4,527,309, Cl. 24-68.0CD.

Ryuzo, Mikami; and Nakasuji, Katsuyoshi, to Toray Silicone Company, Ltd. Coating composition and primer. 4,546,018, 10-8-85, Cl. 427-407.200.

Rzepecki, Ray M.; and Weiss, Victor H., to Pervel Industries, Inc. Conductively printed flexible sheet material. 4,528,222, 7-9-85, Cl. 428-35.000.

Rzepka, Herbert: *See*—

Follert, Hans G.; Rzepka, Herbert; and Schwert, Martin, 4,556,256, Cl. 299-33.000.

Rzeszotarski, Waclaw J.: *See*—

Nakatsuka, Iwao; Eckelman, William; and Rzeszotarski, Waclaw J., 4,541,957, Cl. 260-397.200.

Rzewinski, Leonard, to Cooper LaserSonics, Inc. Dental cleaning apparatus and method. 4,494,932, 1-22-85, Cl. 433-88.000.

R2 Corporation: *See*—

Heath, Roger L., 4,494,552, Cl. 128-696.000.

S&A Corporation: *See*—

Gulick, William D., 4,516,519, Cl. 114-270.000.

S. A. des Establissements Staubli (France): *See*—

Bourgeaux, Pierre F. X., 4,544,000, Cl. 139-66.00R.

S.A.I.A.G. S.p.A.: *See*—

Ballocca, Guido; and Azzola, Roberto, 4,531,326, Cl. 49-497.000.

S. A. Pebeyre: *See*—

Pebeyre, Pierre-Jean; Gleyze, Rene; and Montant, Charles, 4,537,613, Cl. 71-5.000.

S. A. Platt, Inc.: *See*—

Platt, Stephen A., 4,561,278, Cl. 72-142.000.

S.A.R.L. Aspiramatic: *See*—

Barsacq, Gabriel, 4,553,991, Cl. 55-218.000.

S.A.R.L Centre d'Etude et de Realisation d'Equipment et de Materiel C.E.R.E.M.: *See*—

Sirand, Joseph, 4,515,554, Cl. 431-78.000.

S.A.R. S.p.A.: *See*—

Ruscitti, Tomaso; Albini, Giovanni; Torretta, Roberto; and Incerti Baldi, Andrea, 4,511,064, Cl. 222-153.000.

S.B.F. Corporation: *See*—

Ware, Warren O.; Borst, Gary M.; and Abitz, Ronald E., 4,492,169, Cl. 108-6.000.

S&C Electric Company: *See*—

Hall, Walter J.; and O'Leary, Raymond P., 4,562,324, Cl. 200-260.000.

Jarosz, John M., 4,491,820, Cl. 337-159.000.

Jarosz, John M.; and Panas, William R., 4,494,103, Cl. 337-282.000.

O'Leary, Raymond P., 4,491,707, Cl. 200-149.00R.

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Swanson, Roy T., 4,499,446, Cl. 337-30.000.

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Brand, Julia A.; and Morgan, Lee W., 4,546,160, Cl. 526-320.000.

Chapman, Francis E.; and Harris, Robert B., 4,493,781, Cl. 252-88.000.

Crapser, James R., 4,497,456, Cl. 242-55.550.

Francis, Alan W., 4,550,676, Cl. 116-206.000.

Gipp, Mark M., 4,530,781, Cl. 252-546.000.

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Harris, William C., Jr., 4,558,820, Cl. 239-56.000.

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Malek, Edward J., 4,539,793, Cl. 53-469.000.

Padden, Timothy J., 4,536,390, Cl. 424-47.000.

Rudin, Richard E., 4,551,331, Cl. 424-195.100.

Schmidt, Ronald E.; Schultz, Harold H.; and Wilson, Dennis M. 4,529,787, Cl. 526-317.000.

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Brayer, Eyal, 4,524,720, Cl. 119-14.140.

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Day, Robert H., 4,525,099, Cl. 403-371.000.

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Soderholm, Arne, 4,557,341, Cl. 177-16.000.

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Juvin, Pierre; and Moreau, Pierre., 4,518,593, Cl. 424-195.000.

S & F Orthopadietechnik GmbH: *See*—

Frank, Xaver, 4,510,957, Cl. 135-84.000.

S. G. Owen Limited: *See*—

Richards, Michael A., 4,518,636, Cl. 427-282.000.

Richards, Michael A., 4,545,864, Cl. 204-15.000.

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Reich, Richard B., 4,555,956, Cl. 73-862.320.

S.I.C.A. Pulposec de Chevrieres: *See*—

Berry, Jean-Luc, 4,499,823, Cl. 100-121.000.

S.I.R.P. Studi Industriali Realizzaziome Prototipi S.p.A.: *See*—

Sala, Silvio, 4,523,495, Cl. 74-714.000.

S.I.T.I. Societa Impianti Termoelettriici Industriali S.p.A.: *See*—

Bossetti, Renato, 4,539,919, Cl. 110-331.000.

S. J. Electro Systems Inc.: *See*—

Johnston, Stephen P., 4,529,854, Cl. 200-222.000.

- S & K Products Co. Inc.: *See—*
  - Mackey, Sherman E., Jr., 4,548,324, Cl. 211-58.000.
- S.M.S. Concast Inc.: *See—*
  - Langner, Carl, 4,540,037, Cl. 164-466.000.
- S.N.E.C.M.A.: *See—*
  - Lardellier, Alain M. J., 4,548,546, Cl. 415-133.000.
- S.O.C. Corporation: *See—*
  - Arikawa, Hiroo, 4,511,875, Cl. 337-201.000.
  - Arikawa, Hiroo, 4,527,144, Cl. 337-407.000.
  - Arikawa, Hiroo, 4,559,514, Cl. 337-201.000.
- S-P Manufacturing Corporation, The: *See—*
  - Gailey, Edward D., 4,546,988, Cl. 279-123.000.
  - Hall, William E.; Gailey, Edward D.; and Ovanin, George J., 4,550,922, Cl. 279-119.000.
- S.R.M. Hydromekanik Aktiebolag: *See—*
  - Ahlen, Karl-Gustav; Bergstrom, Per-Olof; and Wallgren, Hans A., 4,559,849, Cl. 74-761.000.
- S & S Corporation: *See—*
  - Evans, Robert E., 4,511,637, Cl. 429-100.000.
- S&S Corrugated Paper Machinery Co., Inc.: *See—*
  - Flaum, Stephen S., 4,515,052, Cl. 83-479.000.
- S. S. Steiner, Inc.: *See—*
  - Grant, Herbert L., 4,507,329, Cl. 426-600.000.
- S. S. White Company, The: *See—*
  - Maldonado, Robert; and Loughry, Clark E., 4,554,676, Cl. 378-170.000.
- S. Soga & Co.: *See—*
  - Saito, Toru, 4,541,033, Cl. 361-333.000.
- S.T. Chemical Co., Ltd.: *See—*
  - Yemoto, Jiichiro; Tarao, Ryokichi; and Yamamoto, Yoshio, 4,524,018, Cl. 252-522.00A.
- S. T. Dupont: *See—*
  - Brassoud, Gerard, 4,536,922, Cl. 24-265.00B.
  - Grossiord, Claude R., 4,544,297, Cl. 401-217.000.
- S. W. Hart & Co. Pty Ltd.: *See—*
  - Riley, Harry J., 4,517,959, Cl. 126-437.000.
- S & W Instruments, Inc.: *See—*
  - Wiggins, Gene D., 4,547,859, Cl. 364-571.000.
- Saab-Scania Aktiebolag: *See—*
  - Gadefelt, Bengt G.; and Enlund, Birger S. I., 4,505,348, Cl. 180-89.140.
  - Magnusson, Karl G.; and Stahl, Hans V., 4,517,646, Cl. 364-424.100.
  - Nilsson, Sten E.; and Elfverson, Sven E., 4,519,302, Cl. 98-2.080.
  - Nordstrom, Lennart, 4,513,509, Cl. 33-330.000.
  - Nordstrom, Lennart; and Savstrom, Tommy, 4,531,080, Cl. 318-628.000.
  - Palm, Bengt N. J., 4,530,341, Cl. 123-669.000.
  - Parsson, Nils O., 4,512,609, Cl. 297-331.000.
  - Saaf, Lars L.; and Bergsten, Lars E., 4,515,141, Cl. 123-647.000.
  - Skarman, Bengt, 4,529,151, Cl. 244-3.150.
  - Stahl, Hans V., 4,495,457, Cl. 364-424.100.
- Saad, Saad M., to Andrew Corporation. Multi-port, multi-frequency microwave combiner with overmoded square waveguide section. 4,491,810, 1-1-85, Cl. 333-126.000.
- Saad, Saad S., to Andrew Corporation. Rectangular to elliptical waveguide connection. 4,540,959, 9-10-85, Cl. 333-21.00R.
- Saad, Saad S.; and Knop, Charles M., to Andrew Corporation. Overmoded tapered waveguide transition having phase shifted higher order mode cancellation. 4,553,112, 11-12-85, Cl. 333-21.00R.
- Saad, Samy K.: *See—*
  - Kucera, Helmut W.; and Saad, Samy K., 4,540,633, Cl. 428-423.100.
- Saada, Charles; and Mollier, Jean, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Method for certifying the origin of at least one item of information stored in the memory of a first electronic device and transmitted to a second electronic device, and system for carrying out the method. 4,549,075, 10-22-85, Cl. 235-380.000.
- Saaf, Lars L.; and Bergsten, Lars E., to Saab-Scania Aktiebolag. Arrangement for ignition means in a multi-cylinder internal combustion engine. 4,515,141, 5-7-85, Cl. 123-647.000.
- Saaksjarvi, Paavo, to Elevator GmbH. Apparatus for inter-processor data transfer in a multi-processor system. 4,539,636, 9-3-85, Cl. 364-200.000.
- Saalasti, Vaino T. Method for the clarification of water. 4,525,284, 6-25-85, Cl. 210-777.000.
- Saam, Richard D.: *See—*
  - Melis, William; and Saam, Richard D., 4,526,691, Cl. 210-521.000.
  - Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., 4,530,131, Cl. 15-321.000.
- Saar, David A.: *See—*
  - Zavis, Wayne; and Saar, David A., 4,527,101, Cl. 318-245.000.
- Saar, David C., to Colgate-Palmolive Company. Retarding setting of crutcher slurry for manufacturing base beads for detergent compositions. 4,510,066, 4-9-85, Cl. 252-140.000.
- Saar, Werner: *See—*
  - Lienhard, Paul; and Saar, Werner, 4,527,994, Cl. 8-494.000.
- Saarbergwerke Aktiengesellschaft: *See—*
  - Leibrock, Kurt; and Killich, Hans-Jurgen, 4,533,002, Cl. 173-53.000.
  - Spliethoff, Heinz, 4,492,084, Cl. 60-648.000.
  - Spliethoff, Heinz, 4,549,401, Cl. 60-652.000.
- Saarela, Markku T.: *See—*
  - Blomquist, Seppo I.; Saarela, Markku T.; Pouru, Hannu J.; Nyman, Bror G.; Lindroos, Kaj-Henrik; Koivunen, Timo T.; and Fugleberg, Sigmund P., 4,526,650, Cl. 156-642.000.
  - Blomqvist, Seppo I.; Saarela, Markku T.; Huhtala, Martti E.; Niska, Raimo A.; and Vaittinen, Hannu A., 4,538,986, Cl. 432-236.000.
- Saarem, Myrl J.; and Lovelace, Donald E., to Richdel, Inc. Solenoid-operated pilot-actuated valve. 4,505,450, 3-19-85, Cl. 251-24.000.
- Saari, Kaarlo M. J.: *See—*
  - Heimala, Seppo O.; and Saari, Kaarlo M. J., 4,561,970, Cl. 209-3.000.
- Saari, Walfred S.: *See—*
  - Huff, Joel R.; Saari, Walfred S.; and Baldwin, John J., 4,505,918, Cl. 514-341.000.
  - Huff, Joel R.; Saari, Walfred S.; and Baldwin, John J., 4,506,074, Cl. 546-278.000.
- Saarinen, Kari: *See—*
  - Lehtinen, Jouko; and Saarinen, Kari, 4,530,383, Cl. 141-71.000.
- Saastamoinen Oy: *See—*
  - Kylmanen, Pasi; and Takalo, Pasi, 4,536,120, Cl. 414-173.000.
- Saathoff, Donald G. Timing tool. 4,531,295, 7-30-85, Cl. 33-180.0AT.
- Saatweber, Dietrich: *See—*
  - Doebler, Klaus P.; Graf, Knut; Jager, Kurt E.; Johannsen, Friedrich; Ritz, Jurgen; and Saatweber, Dietrich, 4,543,375, Cl. 523-348.000.
- SAB Nife AB: *See—*
  - Emilsson, Fred S., 4,527,666, Cl. 188-33.000.
  - Stensson, Bo G.; Severinsson, Lars M.; and Lundstrom, Bo, 4,497,392, Cl. 188-59.000.
- Sabacky, Bruce J.; and Hepworth, Malcolm T., to Amax Inc. Flash sublimation and purification of molybdenum oxide. 4,551,313, 11-5-85, Cl. 423-59.000.
- Sabacky, Bruce J.; and Hepworth, Malcolm T., to Amax Inc. Flash roasting of molybdenum sulfide concentrates in a slagging reactor. 4,555,387, 11-26-85, Cl. 423-59.000.
- Sabanovic, Asif: *See—*
  - Izosimov, Dimitrij B.; and Sabanovic, Asif, 4,499,413, Cl. 318-802.000.
- Sabatasso, Louis: *See—*
  - Stickle, John S.; and Sabatasso, Louis F., 4,530,275, Cl. 99-353.000.
- Sabatasso, Louis F.: *See—*
  - Stickle, John S.; and Sabatasso, Louis F., 4,530,275, Cl. 99-353.000.
- Sabatella, Robert J.: *See—*
  - M'Sadoques, Andre J.; and Sabatella, Robert J., 4,557,047, Cl. 29-854.000.
- Sabater Gonzalez, Buenaventura. Arrangement for the distribution of pressurized fluid to a seat unit having a backrest. 4,514,010, 4-30-85, Cl. 297-284.000.
- Sabatino, Anthony; Orlando, Daniel; and Olszewski, Douglas J., to GNB Batteries Inc. Apparatus and method for supplying electrode plates in the assembly of battery cell elements. 4,497,604, 2-5-85, Cl. 414-131.000.
- Sabatino, Anthony; Stanefski, Eugene F.; Romanchuk, Ronald N.; and Schaumburg, Edward G., to GNB Batteries Inc. Method and apparatus for assembling battery components. 4,509,252, 4-9-85, Cl. 29-623.100.
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- Sabbioni, Cesare, to CIMA S.p.A. Gear cutter. 4,530,626, 7-23-85, Cl. 409-10.000.
- Sabco Limited: *See—*
  - Smyth, Donald N., 4,532,666, Cl. 15-22.00R.
  - Smyth, Donald N., 4,541,657, Cl. 285-305.000.
- Sabee, Reinhardt N. Method of making form fit diaper with inside seal and thickened crotch. 4,557,777, 12-10-85, Cl. 156-201.000.
- Sabel, Gustav, to Ford Motor Company. Shifting device for a transmission. 4,543,845, 10-1-85, Cl. 74-477.000.
- Sabel, Herbert J. Weight-loss motivation kit. 4,492,580, 1-8-85, Cl. 434-127.000.
- Sabelnikov, Viktor A.: *See—*
  - Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V., 4,491,683, Cl. 136-259.000.
- Sabelstrom, Jan; and Wiholm, Sture, to Dynasonic. Apparatus for folding a sheet of material into a folder. 4,557,714, 12-10-85, Cl. 493-442.000.
- Sabema Material AB: *See—*
  - Thim, Stig, 4,495,127, Cl. 264-157.000.
  - Thim, Stig, 4,522,367, Cl. 249-86.000.
- Saben, Hugh S.: *See—*
  - Coulthard, T. Lionel; Townsley, Phillip M.; and Saben, Hugh S., 4,512,103, Cl. 47-1.100.
- Sabherwal, Inderjit H., to Ensotech, Inc. Processes using calcined, high surface area, particulate matter, and admixture with other agents. 4,530,765, 7-23-85, Cl. 210-663.000.
- Sabia, Angelo J.: *See—*
  - Pines, Arthur N.; and Sabia, Angelo J., 4,504,549, Cl. 428-447.000.
- Sabia, Raffaele A.: *See—*
  - Chapin, John T.; and Sabia, Raffaele A., 4,507,362, Cl. 428-383.000.
- Sabin, Cullen M.: *See—*
  - Poppendiek, Heinz F.; and Sabin, Cullen M., 4,534,663, Cl. 374-43.000.

Sabins, Fred; and Childs, Jerry D., to Halliburton Company. Method of using thixotropic cements for combating gas migration problems. 4,524,828, 6-25-85, Cl. 166-293.000.

Sabins, Fred: *See*—
- Childs, Jerry D.; Sabins, Fred; and Taylor, Mary J., 4,515,216, Cl. 166-293.000.

Sable, Donald E. Closure device. 4,522,368, 6-11-85, Cl. 251-1.00B.

Sablev, Leonid P.: *See*—
- Axenov, Ivan I.; Bren, Viktor G.; Padalka, Valentin G.; Sablev, Leonid P.; Stupak, Rimma I.; and Khoroshikh, Vladimir M., 4,551,221, Cl. 204-298.000.
- Kljuchko, Gennady V.; Padalka, Valentin G.; Sablev, Leonid P.; and Stupak, Rimma I., 4,492,845, Cl. 219-121.00P.

Sabo, Edward A.: *See*—
- Groce, James S.; and Sabo, Edward A., 4,527,828, Cl. 296-65.00R.

Sabongi, Gebran J.; and Poon, Stephen S. C., to Minnesota Mining and Manufacturing Company. Dye-bleach materials and process. 4,548,896, 10-22-85, Cl. 430-332.000.

Sabot, Jean-Louis: *See*—
- Bauer, Denise ; Fourre, Patrick; and Sabot, Jean-Louis, 4,559,203, Cl. 423-112.000.
- Fitoussi, Richard; Leveque, Alain; and Sabot, Jean-Louis, 4,499,058, Cl. 423-70.000.

Sabotta, Kenneth T.: *See*—
- Evans, John H.; and Sabotta, Kenneth T., 4,527,481, Cl. 102-204.000.

Sabourin, Edward T.: *See*—
- Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., 4,524,171, Cl. 524-376.000.
- Bakshi, Kiran R.; Barie, Walter P.; and Sabourin, Edward T., 4,535,115, Cl. 524-376.000.
- Bakshi, Kiran R.; D'Souza, Adrian; and Sabourin, Edward T., 4,560,800, Cl. 568-306.000.
- Onopchenko, Anatoli; Sabourin, Edward T.; and Selwitz, Charles M., 4,560,721, Cl. 524-378.000.

Sabranski, Udo, to Rheinmetall GmbH. Armor-piercing projectile. 4,497,253, 2-5-85, Cl. 102-476.000.

Sabranski, Udo; and Orth, Hans, to Rheinmetall GmbH. Hollow-charge insert for armor-piercing projectile. 4,537,132, 8-27-85, Cl. 102-307.000.

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- Altenau, Ernst-Wilhelm; Hahn, Ulf; and Sabranski, Udo, 4,524,696, Cl. 102-491.000.

Sabri, Mohammed S., to Northern Telecom Limited. Bilevel coding of color video signals. 4,528,584, 7-9-85, Cl. 358-12.000.

Saburo, Numata, to Fuji Photo Optical Co., Ltd. Electronic discharge tube and electronic light emitter using it. 4,499,406, 2-12-85, Cl. 315-57.000.

Sacca, Demetrio B.; Sanderson, Edward H.; and Beatenbough, Paul K., to General Motors Corporation. Single inlet/outlet-tank U-shaped tube heat exchanger. 4,520,867, 6-4-85, Cl. 165-144.000.

Sacca, Demetrio B., to General Motors Corporation. Heat exchanger with convoluted air center strip. 4,535,839, 8-20-85, Cl. 165-153.000.

Sacca, Demetrio B.; and Hoffman, Donald E., to General Motors Corporation. Single inlet/outlet-tank U-shaped tube heat exchanger. 4,549,605, 10-29-85, Cl. 165-150.000.

Saccoccia, Pasqualino, to Euro California, Inc. Mobile hoist. 4,548,387, 10-22-85, Cl. 254-10.00B.

SACE S.p.A. Costruzioni Elettromeccaniche: *See*—
- Mostosi, Angelo, 4,546,220, Cl. 200-50.0AA.
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Sach, George S., to Smith Kline & French Laboratories Limited. 3,5-Substituted-2-pyridylalkylamino compounds having histamine H_1-antagonist activity. 4,532,252, 7-30-85, Cl. 514-357.000.

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Sach, George S., to Smith Kline & French Laboratories Limited. 2-(3,5-Substituted-2-pyridylalkylamino)-5-benzyl-4-pyrimidones. 4,537,891, 8-27-85, Cl. 514-272.000.

Sach, George S.: *See*—
- Cooper, David G.; and Sach, George S., 4,551,466, Cl. 514-318.000.

Sachar, Kenneth S.; and Rich, Stanley R., to Micropure, Incorporated. Producing liquid droplets bearing electrical charges. 4,545,525, 10-8-85, Cl. 239-3.000.

Sachdev, Harbans S.; and Sachdev, Krishna G., to International Business Machines Corporation. Use of plasma polymerized organosilicon films in fabrication of lift-off masks. 4,493,855, 1-15-85, Cl. 427-41.000.

Sachdev, Harbans S.; and Sachdev, Krishna G., to International Business Machines Corporation. Use of plasma polymerized orgaosilicon films in fabrication of lift-off masks. 4,562,091, 12-31-85, Cl. 427-41.000.

Sachdev, Harbans S.: *See*—
- Anderson, Herbert R., Jr.; Sachdev, Harbans S.; and Sachdev, Krishna G., 4,519,872, Cl. 156-643.000.
- Sachdev, Krishna G.; Sachdev, Harbans S.; Aviram, Ari; and Wizner, Mark A., 4,525,722, Cl. 346-1.100.

Sachdev, Krishna G.; Sachdev, Harbans S.; Aviram, Ari; and Wizner, Mark A., to International Business Machines Corporation. Chemical heat amplification in thermal transfer printing. 4,525,722, 6-25-85, Cl. 346-1.100.

Sachdev, Krishna G.; and Aviram, Ari, to International Business Machines Corporation. Ink additives for efficient thermal ink transfer printing processes. 4,549,824, 10-29-85, Cl. 400-241.100.

Sachdev, Krishna G.; Shear, Stephen A.; Pennington, Keith S.; and Cohen, Mitchell S., to International Business Machines Corporation. Electroerosion printing media using depolymerizable polymer coatings. 4,550,061, 10-29-85, Cl. 428-461.000.

Sachdev, Krishna G.: *See*—
- Afzali-Ardakani, Ali; Cohen, Mitchell S.; Pennington, Keith S.; and Sachdev, Krishna G., 4,554,562, Cl. 346-135.100.
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- Sachdev, Harbans S.; and Sachdev, Krishna G., 4,493,855, Cl. 427-41.000.
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Sachelaire, Toma: *See*—
- Apetrei, Constantin; Nitigus, Victor; Elek, Demeter; Radulescu, Marian; and Sachelaire, Toma, 4,496,864, Cl. 310-77.000.

Sachenik, Paul A.: *See*—
- Borrelli, Nicholas F.; Keck, Donald B.; Morse, David L.; and Sachenik, Paul A., 4,501,468, Cl. 350-96.250.
- Borrelli, Nicholas F.; Morse, David L.; and Sachenik, Paul A., 4,514,053, Cl. 350-162.200.

Sacher, Christian: *See*—
- Zimmermann, Friedrich; Zettl, Herbert; Zappen, Hans W.; and Sacher, Christian, 4,542,403, Cl. 358-41.000.

Sacher, Edward; Wertheimer, Michael R.; and Schreiber, Henry P. Moisture impermeability or organosilicone films. 4,557,946, 12-10-85, Cl. 427-41.000.

Sacher, Robert L.; and Sacher, William J., to R. P. Cargille Laboratories, Inc. Immersion oil for fluorescence microscopy. 4,491,533, 1-1-85, Cl. 252-301.160.

Sacher, Robert L.; and Sacher, William J., to R. P. Cargille Laboratories, Inc. High refractive index fluid and melt mounting media. 4,526,711, 7-2-85, Cl. 252-582.000.

Sacher, William J.: *See*—
- Sacher, Robert L.; and Sacher, William J., 4,491,533, Cl. 252-301.160.
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- Tournier, Herve; Johansson, Allan A.; Sachetto, Jean-Pierre; Armanet, Jean-Michel; Michel, Jean-Pierre; and Roman, Alain, 4,511,433, Cl. 162-16.000.

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Sachot, Michel, to Centre d'Etudes du Fraisage. Machine tool with swiveling head. 4,559,682, 12-24-85, Cl. 29-26.00A.

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Sachs-Dolmar GmbH: *See*—
- Morner, Bengt; Vollertsen, Otto; and Thomsen, Peter, 4,560,040, Cl. 188-77.00R.

Sachs, Hanns I.: *See*—
- Scholl, Hans-Joachim; Reiff, Helmut; and Sachs, Hanns I., 4,528,117, Cl. 252-312.000.
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- Winkler, Hermann; and Sachs, Hanns I., 4,510,184, Cl. 427-212.000.

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- Becker, Mitchell; and Sachs, Howard M., 4,519,875, Cl. 203-28.000.

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Sachs, Kerry M.; and Roberts, David W. Plug furnace. 4,553,285, 11-19-85, Cl. 110-223.000.

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- Tellert, Rudy, 4,509,625, Cl. 192-0.033.

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Sackett, Robert L. Fluid flow failure detection means. 4,524,736, 6-25-85, Cl. 123-198.00D.
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  Himmelmann, Wolfgang; Sackmann, Gunter; and Meyer, Rudolf, 4,524,131, Cl. 430-523.000.
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  Montle, Robert E., 4,547,426, Cl. 428-377.000.
  Sandberg, Robert N.; and Montle, Robert E., 4,545,283, Cl. 87-6.000.
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Sadauskas, Raymond L.; and Moore, Paul E., to Arcair Company. Underwater electrode with waterproof integrity. 4,517,440, 5-14-85, Cl. 219-145.100.
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  Porat, Chaim; and Sadeh, Yaacov, 4,500,873, Cl. 340-515.000.
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  Hausler, Michael; Huber, Philippe; Pfyl, Walter; and Sadek, Kadry, 4,555,658, Cl. 323-210.000.
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  Matteson, Donald S.; and Sadhu, Kizhakethil M., 4,525,309, Cl. 260-462.00C.
Sadhukhan, Pasupati, to Phillips Petroleum Company. Thermal flashing of carbonaceous materials. 4,551,223, 11-5-85, Cl. 208-8.00R.
Sadigh-Behzadi, Amir-Akbar: *See—*
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Sadler, Karl O.; and Worzeck, Jonny, to Blohm & Voss AG. Warship with units connected via electronic control apparatuses. 4,541,323, 9-17-85, Cl. 89-41.140.
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Sado, Kenzo: *See—*
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Sado, Ryoichi; and Tahara, Kazutoki, to Shin-Etsu Polymer Co., Ltd. Method for manufacturing an elastic composite body with metal wires embedded therein. 4,520,562, 6-4-85, Cl. 29-878.000.
Sado, Ryoichi. Sensor switch. 4,525,606, 6-25-85, Cl. 200-5.00A.
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Sadones, Henri, to Societe d'Etude du Radant. Method and device for analyzing a very high frequency radiation beam of electromagnetic waves. 4,531,126, 7-23-85, Cl. 343-17.700.
Sadorus, George P., to Talkies International Corp. Reflective audio assembly and picture. 4,541,188, 9-17-85, Cl. 40-152.100.
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  Rose, Robert M.; and Sadoway, Donald R., 4,517,253, Cl. 428-620.000.
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  Del Fabro, Marcello; and Del Fabro, Giorgio, 4,524,656, Cl. 83-23.000.
Saeed, Abdul, to Black & Decker Inc. Carbon brush with pin for limiting movement. 4,553,057, 11-12-85, Cl. 310-242.000.
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  Komatsu, Fumiaki; Saegusa, Kazuyuki; Seshimo, Yu; and Yamashita, Norio, 4,510,767, Cl. 62-200.000.
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  Horikiri, Shozo; Kadokura, Hidekimi; Harakawa, Masaji; Saegusa, Kunio; and Yamagiwa, Masao, 4,495,121, Cl. 264-56.000.
Saegusa, Takashi: *See—*
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Saegusa, Takeo; Kobayashi, Shiro; and Moriuchi, Yasuhiro, to Sumitomo Chemical Company, Limited; and Saegusa, Takeo. Block copolymer. 4,540,747, 9-10-85, Cl. 525-410.000.
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  Mogami, Takeo; and Saeki, Michio, 4,558,430, Cl. 364-900.000.
Saeki, Naomi: *See—*
  Oka, Yutaka; Saeki, Naomi; and Fuseya, Yoshiharu, 4,510,229, Cl. 430-265.000.
Saeki, Yukio, to Sumitomo Durez Company, Ltd. Resin coated sand for casting. 4,529,751, 7-16-85, Cl. 523-145.000.
Saeman, Walter C., to Olin Corporation. Continuous process for producing granular calcium hypochlorite particles. 4,504,457, 3-12-85, Cl. 423-474.000.
Saenz, Jesus A.: *See—*
  Eggebrecht, Lewis C.; Kummer, David A.; and Saenz, Jesus A., 4,495,594, Cl. 364-900.000.
SAES Getters S.p.A.: *See—*
  della Porta, Paolo, 4,504,765, Cl. 313-481.000.
  Martelli, Daniele, 4,516,945, Cl. 445-19.000.
  Martelli, Daniele; and Lani, Giuseppe, 4,535,267, Cl. 313-481.000.
  Pirota, Franco, 4,536,677, Cl. 313-481.000.
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  Porta, Paolo D., 4,546,798, Cl. 138-149.000.
Saether, Kolbjorn. Erecting precast horizontal slabs in building construction. 4,527,363, 7-9-85, Cl. 52-122.100.
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- Safai, Sohrab, to International Telephone and Telegraph Corporation. Contact extraction tool. 4,494,305, 1-22-85, Cl. 29-764.000.
- Safe-Air Inc.: *See—*
  - Barchechat, Shlomo; and Kolitsky, Norman, 4,545,363, Cl. 126-285.00B.
- Safe-Base, Inc.: *See—*
  - Fuller, Charles C.; and Hendrickson, James L., 4,493,486, Cl. 273-25.000.
- Safe Deposit Box Construction: *See—*
  - Knight, Lloyd F., 4,528,916, Cl. 109-56.000.
- Safe Flight Instrument Corporation: *See—*
  - Greene, Leonard M., 4,530,060, Cl. 364-428.000.
- Safe-T-Frezz, Inc.: *See—*
  - Hare, Harold L.; and Bell, John M., 4,502,287, Cl. 62-126.000.
- Safe-T-Jack, Inc.: *See—*
  - Arzouman, Harry H., 4,553,727, Cl. 248-354.700.
  - Arzouman, Harry H., 4,558,846, Cl. 254-8.00B.
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  - Colbrese, Nick P., 4,507,720, Cl. 363-13.000.
- Saferstein, Albert; and Spector, Gilbert, to Comb Associates. Plastic nit comb. 4,502,498, 3-5-85, Cl. 132-137.000.
- Safetran Systems Corporation: *See—*
  - Wilson, H. James, 4,509,024, Cl. 333-24.00R.
- Safety Cross Mirror Co., Inc.: *See—*
  - Stout, Thomas R., 4,512,634, Cl. 350-632.000.
- Safety Devices (Engineering) Limited: *See—*
  - White, Iain S., 4,516,116, Cl. 340-685.000.
- Safety Intelligence Systems: *See—*
  - Topol, Peter; and Slater, Michael, 4,531,114, Cl. 340-539.000.
- Safety Light Corporation: *See—*
  - Watts, David J., 4,546,417, Cl. 362-84.000.
- Safeway Products Inc.: *See—*
  - Torning, Ralph R., 4,517,446, Cl. 219-386.000.
- Safeway Stores, Incorporated: *See—*
  - Meyer, Jerome K., 4,494,582, Cl. 141-9.000.
- Saffer, Gary M.; Lambert, Gerard L.; and Stern, Howard R., to Mattel, Inc. Track for toy vehicles. 4,521,206, 6-4-85, Cl. 446-444.000.
- Saffer, Gary M.: *See—*
  - Lambert, Gerard L.; and Saffer, Gary M., 4,509,931, Cl. 446-462.000.
  - Rich, Hubert A.; Saffer, Gary M.; and Sestito, William F., 4,551,127, Cl. 493-462.000.
- Saffren, Melvin M.: *See—*
  - Rhim, Won-Kyu; Saffren, Melvin M.; and Elleman, Daniel D., 4,521,854, Cl. 364-400.000.
- Safilo, S.p.A.: *See—*
  - Tabacchi, Vittorio, 4,494,834, Cl. 351-153.000.
- Safiuddin, Mohammed, to Westinghouse Electric Corp. General purpose and optimal length controller for cyclic duty motor drives. 4,513,232, 4-23-85, Cl. 318-341.000.
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- Safiuddin, Mohammed: *See—*
  - Snedden, William H.; and Safiuddin, Mohammed, 4,520,450, Cl. 364-607.000.
- Safonov, Anatoly V.: *See—*
  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
- Safrit, Sam C.; Farrell, Roscoe M.; and Euliss, Melvin C., to Kayser-Roth Hosiery, Inc. Sheer hosiery with a run-resistant toe and method. 4,492,099, 1-8-85, Cl. 66-202.000.
- SAFT: *See—*
  - Adam, Michel, 4,510,215, Cl. 429-99.000.
  - Broussely, Michel; and Lecerf, Andre, 4,546,057, Cl. 429-218.000.
  - Vallin, Didier; Grassien, Jean-Yves; Chenebault, Philippe; and Kerouanton, Alain, 4,547,441, Cl. 429-196.000.
- Saftien, Udo: *See—*
  - Enke, Kurt; Hespelt, Achim; Hertler, Eberhard; von der Ohe, Manfred; and Saftien, Udo, 4,561,640, Cl. 267-20.00A.
- Saga, Ikuo: *See—*
  - Kumagai, Naotake; Saga, Ikuo; Tatemoto, Minoru; and Tada, Tetsuya, 4,556,877, Cl. 340-713.000.
- Sagady, Daniel V., to Ford Motor Company. Retention ring for splined joint. 4,514,108, 4-30-85, Cl. 403-359.000.
- Sagal, John: *See—*
  - Henry, Arnold W.; Azar, Jack C.; and Sagal, John, 4,518,655, Cl. 428-329.000.
- Sagami Chemical Research Center: *See—*
  - Hiyama, Tamejiro; and Kobayashi, Kazuhiro, 4,501,909, Cl. 549-342.000.
  - Ichikawa, Masaru, 4,506,033, Cl. 518-716.000.
  - Kawai, Toshikazu; Negishi, Akira; Ojima, Iwao; and Fuchikami, Takamasa, 4,540,835, Cl. 568-842.000.
  - Kondo, Kiyoshi; and Matsui, Kiyohide, 4,500,733, Cl. 562-506.000.
  - Matsumoto, Masakatsu; and Watanabe, Nobuko, 4,558,143, Cl. 549-471.000.
  - Ojima, Iwao; and Hirai, Kenji, 4,497,964, Cl. 562-406.000.
  - Oyama, Kiyotaka; Irino, Shigeaki; Harada, Tsuneo; and Nakamura, Masao, 4,521,514, Cl. 435-70.000.
  - Tsuchihashi, Genichi; Mitamura, Shuichi; Kitajima, Koji; and Kobayashi, Kumi, 4,496,755, Cl. 560-028.000.
- Sagara, Hiroji, to Hoya Corporation. Glass for multi-focal eyeglass lens. 4,562,162, 12-31-85, Cl. 501-60.000.
- Sagara, Hisao: *See—*
  - Takada, Susumu; and Sagara, Hisao, 4,495,794, Cl. 73-37.500.
- Sagara, Iwao, to Oki Electric Industry Co., Ltd. Telephone answering and message recording system. 4,518,827, 5-21-85, Cl. 179-81.00R.
- Sagara, Kikuo; and Kojima, Masanori, to Mitsubishi Denki Kabushiki Kaisha. Video reproducing apparatus. 4,532,555, 7-30-85, Cl. 358-310.000.
- Sagara, Noriyasu: *See—*
  - Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.
- Sagara, Seiji; and Hasegawa, Yuuji, to Canon Kabushiki Kaisha. Variable magnification copying apparatus with margin erase. 4,552,447, 11-12-85, Cl. 355-3.00R.
- Sagara, Seiji: *See—*
  - Yonemori, Takaji; and Sagara, Seiji, 4,521,100, Cl. 355-8.000.
- Sagara, Shigetoshi: *See—*
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- Sagaser, Thomas M.; Kuhn, Patrick; and Brock, Knute K., to Clark Equipment Company. Hydrostatic control system. 4,495,770, 1-29-85, Cl. 60-486.000.
- Sagaser, Thomas M., to Clark Equipment Company. Pump centering control. 4,516,439, 5-14-85, Cl. 74-470.000.
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- Sagawa, Kiyoshi B., to Minnesota Mining and Manufacturing Company. Hardening of poly(vinyl acetal). 4,558,003, 12-10-85, Cl. 430-617.000.
- Sagawa, Midori: *See—*
  - Osaka, Susumu; and Sagawa, Midori, 4,503,900, Cl. 160-172.000.
- Sagawa, Noboru: *See—*
  - Semba, Hideo; Hori, Toshio; Sagawa, Noboru; and Nagano, Ryota, 4,528,867, Cl. 74-606.00R.
- Sagawa, Nobukazu: *See—*
  - Kawamura, Hideo; Sagawa, Nobukazu; and Yamamoto, Noriyoshi, 4,525,622, Cl. 219-270.000.
- Sagawa, Toshiaki: *See—*
  - Miyanaka, Motoshi; Toudo, Kenzi; and Sagawa, Toshiaki, 4,527,125, Cl. 328-6.000.
- Sagawa, Wataru: *See—*
  - Sugihara, Isao; Sagawa, Wataru; Ikegami, Tsukasa; and Shimizu, Tasuku, 4,505,763, Cl. 148-127.000.
- Sagax Instrument AB: *See—*
  - Nygren, B. Hakan, Sandstrom, E. Torbjorn; Stenberg, Johan E.; and Stiblert, Lars B., 4,558,012, Cl. 436-501.000.
- Sage, Jay P., to United States of America, Air Force. Charge-coupled device Gaussian convolution method. 4,555,770, 11-26-85, Cl. 364-819.000.
- Sage Laboratories, Inc.: *See—*
  - Chapell, Harry F., 4,547,753, Cl. 333-115.000.
- Sage, Russell L.: *See—*
  - Liedtke, Ronald R.; Clark, Joseph M.; and Sage, Russell L., 4,541,334, Cl. 101-93.180.
- Sagem: *See—*
  - Veragen, Rene, 4,516,567, Cl. 128-1.00D.
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- Sagi, Zsigmond L.; and Hof, Craig R. Slip resistant absorbent pad. 4,536,433, 8-20-85, Cl. 428-195.000.
- Saginaw Automation & Machine, Inc.: *See—*
  - Murphy, William J., 4,545,573, Cl. 269-328.000.
- Sagiv, Jacob, to Yeda Research and Development Company Ltd. Process for the production of built-up films by the stepwise adsorption of individual monolayers. 4,539,061, 9-3-85, Cl. 156-278.000.
- Sagiv, Oded, to Savin Corporation. Automatic biasing mechanism for paper cassette support plate. 4,506,877, 3-26-85, Cl. 271-127.000.
- Sagiv, Oded: *See—*
  - Landa, Benzion; and Sagiv, Oded, 4,538,899, Cl. 355-10.000.
- Sagiyama, Masaru: *See—*
  - Hara, Tomihiro; Adaniya, Takeshi; Sagiyama, Masaru; Watanabe, Tsutomu; Shimoma, Takashi; and Nabatame, Masaru, 4,543,300, Cl. 428-610.000.
- Saglio, Robert: *See—*
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- Sagmuller, Joseph, to Westinghouse Electric Corp. Meter register with incremental indicia wheel movement. 4,531,051, 7-23-85, Cl. 235-1.00C.

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- Sagues, Alberto A.: *See—*
  - Baumert, Kenneth L.; Sagues, Alberto A.; and Davis, Burtron H., 4,511,453, Cl. 208-8.0LE.
  - Baumert, Kenneth L.; Sagues, Alberto A.; and Davis, Burtron H., 4,511,460, Cl. 208-348.000.
  - Baumert, Kenneth L.; Sagues, Alberto A.; Davis, Burtron H.; and Schweighardt, Frank K., 4,514,281, Cl. 208-47.000.
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- Sagues, Peter: *See—*
  - Sagues, Paul; and Sagues, Peter, 4,557,225, Cl. 123-41.310.
- Sagusa, Hisayuki: *See—*
  - Mimura, Tomonori; Sagusa, Hisayuki; Satou, Takehide; and Takahashi, Katsuaki, 4,543,238, Cl. 422-63.000.
- Saha, Murari M., to ASEA Aktiebolag. Method and device for locating a fault point on a three-phase power transmission line. 4,559,491, 12-17-85, Cl. 324-52.000.
- Sahachaisere, Somchai: *See—*
  - Argiropoulos, George D.; and Sahachaisere, Somchai, 4,537,681, Cl. 210-317.000.
- Sahagian, Edward H. Resilient wheels. 4,549,590, 10-29-85, Cl. 152-41.000.
- Sahakian, Diran-Robert; Pellerin, Lucien; and Nijboer, Sjoerd, to U.S. Philips Corporation. Multi-path interrupter device. 4,511,769, 4-16-85, Cl. 200-6.00A.
- Sahakian, Diran-Robert, to U.S. Philips Corporation. Method of encapsulating electronic components by extrusion of plastic material. 4,540,533, 9-10-85, Cl. 264-1.400.
- Sahara, Hiroshi: *See—*
  - Watanabe, Toshiaki; Uenishi, Toshifumi; Sahara, Hiroshi; and Yamaoka, Katsumi, 4,544,922, Cl. 340-728.000.
- Sahara, Kousuke: *See—*
  - Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.
- Sahara, Masayoshi: *See—*
  - Nakai, Masaaki; Sahara, Masayoshi; Hosomizu, Hiroshi; and Ishida, Tokuji, 4,496,230, Cl. 354-416.000.
  - Nakai, Masaaki; Kogure, Yasuzi; Sahara, Masayoshi; and Kobori, Toshio, 4,504,133, Cl. 354-266.000.
  - Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,509,846, Cl. 354-442.000.
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  - Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,540,262, Cl. 354-195.130.
  - Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,560,267, Cl. 354-412.000.
- Sahara, Seiichi: *See—*
  - Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.
- Sahara, Teruyoshi: *See—*
  - Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.
- Sahatchieva, Maria A.: *See—*
  - Konstantinov, Ivan T.; Mednikarov, Borislav D.; Sahatchieva, Maria A.; and Burov, Atanas T., 4,499,173, Cl. 430-278.000.
- Sahatjian, Ronald A.: *See—*
  - Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,520,189, Cl. 528-331.000.
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  - Rogers, Howard G.; Bilofsky, Ruth C.; Gaudiana, Russell A.; and Sahatjian, Ronald A., 4,525,413, Cl. 428-212.000.
- Saheki, Takasi: *See—*
  - Matsuda, Hideaki; and Saheki, Takasi, 4,504,318, Cl. 106-90.000.
- Sahi, Mohammed A.: *See—*
  - Rigg, Anthony W.; Kellner, Phillip R.; Sahi, Mohammed A.; and Gamson, Alan R., 4,528,909, Cl. 101-395.000.
- Sahler, John T., to Quaker Oats Company, The. Action croquet post. 4,531,736, 7-30-85, Cl. 273-56.000.
- Saho, Norihide: *See—*
  - Matsuda, Toshiharu; Imamura, Minoru; and Saho, Norihide, 4,510,771, Cl. 62-514.00R.
- Sahota, Harvinder. Hemostat with blood flow sensor. 4,509,528, 4-9-85, Cl. 128-691.000.
- Sai-Halasz, George A.: *See—*
  - Faris, Sadeg M.; Moskowitz, Paul A.; Davidson, Arthur; and Sai-Halasz, George A., 4,498,046, Cl. 324-158.00F.
- Saia, Richard J.: *See—*
  - Gorowitz, Bernard; and Saia, Richard J., 4,522,681, Cl. 156-643.000.
- Saias, Edmond, to Beecham Group Limited. Pharmaceutical compositions. 4,518,606, 5-21-85, Cl. 514-197.000.
- Saichi, Egusa: *See—*
  - Tadashi, Ii; and Saichi, Egusa, 4,517,018, Cl. 75-129.000.
- Saida, Keiichi: *See—*
  - Shiga, Tokio; and Saida, Keiichi, 4,548,536, Cl. 414-225.000.
- Saida, Takashi: *See—*
  - Takimoto, Masaaki; Saida, Takashi; and Murata, Masataka, 4,495,276, Cl. 430-527.000.
- Saigo, Hideaki: *See—*
  - Utsunomiya, Tadashi; Matsumuro, Yasuhiko; and Saigo, Hideaki, 4,507,418, Cl. 524-318.000.
- Saigo, Hiroshi; and Kaneko, Hiroshi, to Iwaya Corporation. Movable toy animal. 4,516,951, 5-14-85, Cl. 446-338.000.
- Saigo, Kazuhide: *See—*
  - Suzuki, Masayoshi; and Saigo, Kazuhide, 4,551,417, Cl. 430-316.000.
- Saigo, Takuya: *See—*
  - Komai, Takeshi; Matsuyama, Kazuo; and Saigo, Takuya, 4,533,699, Cl. 525-277.000.
- Saiin, Takanori: *See—*
  - Ogasawara, Hidekazu; and Saiin, Takanori, 4,491,979, Cl. 455-344.000.
- Saiji, Mitsuhiro, to Sharp Kabushiki Kaisha. Small programmable computer. 4,509,112, 4-2-85, Cl. 364-200.000.
- Saijo, Eiji; and Wakata, Shigekazu, to Tokai Electric Wire Company Limited. Female electrical terminal having improved contactor block structure. 4,540,233, 9-10-85, Cl. 339-258.00R.
- Saijo, Yoshiaki: *See—*
  - Noh, Akihiko; Saijo, Yoshiaki; Sato, Shinichi; and Tanaka, Ichiro, 4,543,970, Cl. 134-[illegible]2.000.
- Saijo, Yoshihiro, to Nippon Acchakutanshi Seizo Kabushiki Kaisha. Multi-contact connector. 4,545,634, 10-8-85, Cl. 339-97.00P.
- Saijyo, Yoshihiro: *See—*
  - Matsui, Minoru; and Saijyo, Yoshihiro, 4,495,682, Cl. 29-33.00M.
- Saikawa, Isamu: *See—*
  - Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.
- Saikawa, Masahiko; Kanada, Eiji; Tanaka, Akira; and Endo, Kazunaka, to Mitsubishi Paper Mills, Ltd. Process for making lithographic printing plates. 4,501,811, 2-26-85, Cl. 430-204.000.
- Saikei Giken Kogyo Kabushiki Kaisha: *See—*
  - Fukuda, Masuo, 4,547,942, Cl. 29-157.00R.
- Saiki, Atsushi: *See—*
  - Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, 4,539,616, Cl. 360-125.000.
- Saiki, Junichi: *See—*
  - Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.
  - Ujihashi, Michiaki; and Saiki, Junichi, 4,541,388, Cl. 123-486.000.
- Saiko, Alfons: *See—*
  - Spieldiener, Robert; Spieldiener, Reinhold; and Saiko, Alfons, 4,516,943, Cl. 441-35.000.
  - Spieldiener, Robert; Spieldiener, Reinhold; and Saiko, Alfons, 4,543,886, Cl. 104-53.000.
- Saikosha Works Ltd.: *See—*
  - Saitoh, Hisashi, 4,524,592, Cl. 70-287.000.
- Saila, Karl F.: *See—*
  - Jones, Harold R.; and Saila, Karl F., 4,543,157, Cl. 162-134.000.
- Saila, Tauno. Lockable plier tool. 4,538,485, 9-3-85, Cl. 81-336.000.
- Sailas, Vaino: *See—*
  - Skytta, Osmo; and Sailas, Vaino, 4,559,106, Cl. 162-358.000.
- Sailor, Clifford L., to City of Hope National Medical Center. Fluid tight seal for container. 4,541,537, 9-17-85, Cl. 215-274.000.
- Sailor Pen Co., Ltd., The: *See—*
  - Osaki, Kazuhiko; Hamamoto, Hirofumi; Kurokawa, Junzi; and Akieda, Shigeru, 4,547,946, Cl. 29-412.000.
  - Oshita, Katuzi, 4,547,947, Cl. 29-412.000.
- Sailor, Vernon R. Door or window frame assembly. 4,505,080, 3-19-85, Cl. 52-211.000.
- Saimi, Tetsuo; and Yoshizumi, Keiichi, to Matsushita Electric Industrial Co., Ltd. Optical device for optically recording and reproducing information signals on an information carrier. 4,507,766, 3-26-85, Cl. 369-45.000.
- Sainati, Robert A.: *See—*
  - Olesen, Ralph C.; Sainati, Robert A.; Gropelli, John J., Jr.; and Stanland, Andrew J., 4,554,554, Cl. 343-895.000.
- Sainen, Tsutomu; Sakano, Toshiyuki; Fujita, Yoshitaka; and Imai, Toshiki, to Tsudakoma Corp. Method and apparatus for controlling motor-driven let-off motion for looms. 4,513,790, 4-30-85, Cl. 139-110.000.
- Sainen, Tsutomu; Fujita, Yoshitaka; Sakano, Toshiyuki; and Nakagawa, Toshio, to Tsudakoma Corp. Apparatus for controlling motor-driven let-off motion for looms. 4,529,012, 7-16-85, Cl. 139-105.000.
- Saini, Raj K.: *See—*
  - Hatton, John S.; Clarke, Roland N.; and Saini, Raj K., 4,561,038, Cl. 361-280.000.
- Sainio, Aimo, to Oy Tampella AB. Working platform for a drilling apparatus. 4,527,640, 7-9-85, Cl. 175-86.000.
- Saino, Tetsushi: *See—*
  - Someno, Tetsuya; Kato, Kazuo; Saino, Tetsushi; Ishii, Shinichi; Takeuchi, Tomio; and Umezawa, Hamao, 4,525,465, Cl. 502-7.000.

- Sainsbury, Garrett M. Solar collector. 4,491,125, 1-1-85, Cl. 126-424.000.
- St-Amand, Maurice. Stop cock manifold holder. 4,553,724, 11-19-85, Cl. 248-68.100.
- Saint-Amour, John D. Fluid gauging. 4,510,805, 4-16-85, Cl. 73-37.900.
- Saint-Amour, John D. Thickness measuring. 4,520,672, 6-4-85, Cl. 73-622.000.
- St. Charles Manufacturing Co.: *See—*
  - Saunders, G. Thomas, 4,553,475, Cl. 98-36.000.
- St. Clair, Anne K.; and St. Clair, Terry L., to United States of America, National Aeronautics and Space Administration. Elastomer toughened polyimide adhesives. 4,497,935, 2-5-85, Cl. 525-181.000.
- St. Clair, Anne K.; Stoakley, Diane M.; St. Clair, Terry L.; and Singh, Jag J., to United States of America, National Aeronautics and Space Administration. Process for improving moisture resistance of epoxy resins by addition of chromium ions. 4,510,277, 4-9-85, Cl. 523-454.000.
- St. Clair, Anne K.; and St. Clair, Terry L., to United States of America, National Aeronautics and Space Administration. High temperature polyimide film laminates and process for preparation thereof. 4,543,295, 9-24-85, Cl. 428-458.000.
- St. Clair, David J., to Shell Oil Company. Endblock crosslinked block copolymer adhesive composition. 4,556,464, 12-3-85, Cl. 204-159.150.
- St. Clair, Joseph V. Portable wet and dry self-cleaning vacuum device. 4,549,329, 10-29-85, Cl. 15-353.000.
- St. Clair, Michael J.: *See—*
  - Verduin, Lee C.; and St. Clair, Michael J., 4,537,336, Cl. 222-641.000.
- St. Clair, Terry L.; and Burks, Harold D., to United States of America, National Aeronautics and Space Administration. Process of end-capping a polyimide system. 4,552,931, 11-12-85, Cl. 525-432.000.
- St. Clair, Terry L.: *See—*
  - St. Clair, Anne K.; and St. Clair, Terry L., 4,497,935, Cl. 525-181.000.
  - St. Clair, Anne K.; Stoakley, Diane M.; St. Clair, Terry L.; and Singh, Jag J., 4,510,277, Cl. 523-454.000.
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- St. Cyr, Paul L., to USM Corporation. Electronic component sensing system. 4,502,829, 3-5-85, Cl. 414-730.000.
- St. Florian Company, Ltd.: *See—*
  - Klievoneit, Harold R., 4,509,298, Cl. 51-237.00R.
- St. Georgiev, Vassil: *See—*
  - Brown, Richard E.; St. Georgiev, Vassil; Kropp, Philip; and Loev, Bernard, 4,507,300, Cl. 514-280.000.
- Saint-Gobain Vitrage: *See—*
  - Aubry, Claude; Chaumette, Jacques; and Touchon, Pierre, 4,508,783, Cl. 428-410.000.
  - Bocelli, Aureliano; and Colombini, Carlo, 4,540,425, Cl. 65-273.000.
  - Bocelli, Aureliano; and Colombini, Carlo, 4,540,426, Cl. 65-273.000.
  - Brunion, Hans-Georg; Hiemenz, Christian; Heuser, Hans; and Radisch, Helmer, 4,540,622, Cl. 428-216.000.
  - Burget, Paul; and Zortea, Michel, 4,517,000, Cl. 65-178.000.
  - Burget, Paul; and Zortea, Michel, 4,543,117, Cl. 65-135.000.
  - Cohen, Sabatino, 4,537,798, Cl. 427-166.000.
  - Coulon, Jean-Claude; and Douche, Jean-Pierre, 4,562,095, Cl. 427-180.000.
  - Degeilh, Robert, 4,533,697, Cl. 525-61.000.
  - Halberschmidt, Friedrich; Reinmold, Heinz-Josef; Schmitz, Alfred; and Mund, Heinz, 4,519,167, Cl. 51-165.770.
  - Halberschmidt, Friedrich; Reinmold, Heinz-Josef; and Audi, Josef, 4,528,780, Cl. 51-165.800.
  - Halberschmidt, Friedrich; Audi, Josef; Radermacher, Herbert; and Schwarzenberg, Norbert, 4,557,745, Cl. 65-104.000.
  - Kraemling, Franz; Muller, Achim; Linden, Ludwig; and Raedisch, Helmer, 4,556,600, Cl. 428-216.000.
  - Kramer, Carl; and Kuster, Hans-Werner, 4,533,571, Cl. 427-180.000.
  - Kunert, Heinz, 4,551,372, Cl. 428-38.000.
  - Kunert, Heinz, 4,555,434, Cl. 428-194.000.
  - Mario, Roth; and Gunther, Termath, 4,562,093, Cl. 427-109.000.
  - Radisch, Helmer; and Scholz, Werner, 4,551,484, Cl. 523-169.000.
  - Reinmold, Heinz-Josef; and Arnoldi, Wilhelm, 4,556,834, Cl. 318-569.000.
  - Roentgen, Paul; Krumm, Helmut; Lenzen, Gunter; and Schilde, Heinz, 4,554,199, Cl. 428-194.000.
  - Roentgen, Paul; Krumm, Helmut; Krasborn, Gottfried; and Lenzen, Gunter, 4,555,607, Cl. 219-10.570.
  - Schwarzenberg, Norbert; Ueberwolf, Heinz; Halberschmidt, Friedrich; and Audi, Josef, 4,493,724, Cl. 65-273.000.
- St. Jacques, John W.; and Couch, Robert P., to United Technologies Corporation. Electrostatic gas turbine surge/stall detection. 4,519,240, 5-28-85, Cl. 73-116.000.
- St. Jean, Herbert N.; and Settanni, Richard, to Cerberus AG. Passive infrared intrusion detector. 4,510,488, 4-9-85, Cl. 340-567.000.
- St. John, Frank; and Martin, Wayne, to Rohm and Haas Company. Solderable polymer thick films. 4,548,879, 10-22-85, Cl. 427-96.000.
- St. John, Karl M.; Reeber, Nicholas J.; and Kerbel, Sheldon J., to Hazeltine Corporation. Ink usage estimator. 4,513,314, 4-23-85, Cl. 358-76.000.
- St. John, Karl M.; and Zagardo, Dominic V., to Hazeltine Corporation. Image storage system. 4,527,193, 7-2-85, Cl. 358-76.000.
- St. John, Richard C., to I Corp. Belt tensioner system. 4,557,709, 12-10-85, Cl. 474-117.000.
- St. John's University: *See—*
  - Kupchik, Eugene J.; and Pisano, Michael A., 4,497,806, Cl. 514-189.000.
- St. Joseph Bank and Trust Company, executor: *See—*
  - D'Alelio, Gaetano F., deceased, 4,517,354, Cl. 528-172.000.
  - D'Alelio, Gaetano F., deceased; and Waitkus, Phillip A., 4,517,364, Cl. 546-66.000.
  - D'Alelio, Gaetano F., deceased; and Waitkus, Phillip A., 4,520,198, Cl. 546-66.000.
  - D'Alelio, Gaetano F., deceased; and Waitkus, Phillip A., 4,528,349, Cl. 526-262.000.
  - D'Alelio, Gaetano F., deceased; and Waitkus, Phillip A., 4,528,373, Cl. 546-66.000.
- St. Joseph Bank and Trust Company, legal representative: *See—*
  - D'Alelio, Gaetano F., deceased; and Waitkus, Phillip A., 4,517,363, Cl. 546-66.000.
- St. Joseph's Hospital and Medical Center: *See—*
  - Wilt, Chester F., Jr., 4,511,157, Cl. 280-289.0WC.
- St. Jude Children's Research Hospital: *See—*
  - Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., 4,552,757, Cl. 424-89.000.
  - Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., 4,552,758, Cl. 424-89.000.
- St. Lawrence Technologies Limited: *See—*
  - Assarsson, Per G.; and Nagasuye, Joseph H., 4,497,896, Cl. 435-161.000.
- St. Ledger, Joseph B., to Outboard Marine Corporation. Low moisture sensitive ignition. 4,515,139, 5-7-85, Cl. 123-599.000.
- St. Louis, Andre, to Cham-Co Plastic Industries Inc. Tractor fifth wheel bearing attachment. 4,542,912, 9-24-85, Cl. 280-433.000.
- St. Louis, Robert M., to Camco Incorporated. Convertible cabinet support. 4,555,827, 12-3-85, Cl. 16-34.000.
- St. Luke's Hospital: *See—*
  - Dougherty, Delford O., 4,515,295, Cl. 222-113.000.
  - Dougherty, Delford O., 4,553,686, Cl. 222-212.000.
- Saint-Martin, Bernard: *See—*
  - Mercey, Gilles; Picard, Claude; and Saint-Martin, Bernard, 4,509,505, Cl. 128-1.00B.
- Saint Martin, Francois-Xavier: *See—*
  - Delacour, Jacques; Levallois, Emile; Antier, Patrick; and Saint Martin, Francois-Xavier, 4,533,526, Cl. 423-1.000.
- Saint-Michel, Jacques A.; Chabrerie, Jean-Pierre; and Mailfert, Alain, to Etat Francais represente par le Delegue General. Direct current dynamoelectric machines with auxiliary equalizer poles. 4,521,709, 6-4-85, Cl. 310-186.000.
- Saint-Paul, Pierre: *See—*
  - Picard, Gerard; Flament, Thierry; Tremillon, Bernard; Saint-Paul, Pierre; and Spiteri, Pierre, 4,559,993, Cl. 165-1.000.
- St. Pierre, Henry G. Tire chain. 4,493,354, 1-15-85, Cl. 152-242.000.
- St. Pierre, Michael R.: *See—*
  - Missimer, Dale J.; and St. Pierre, Michael R., 4,535,597, Cl. 62-55.500.
- St. Pierre, Philippe D.; and Buckner, Michael T., to General Electric Company. Resin-bonded grinding elements with dual coated diamond grit for dry grinding and wet grinding cemented carbide workpieces. 4,521,222, 6-4-85, Cl. 51-295.000.
- St. Pierre, Raymond M.: *See—*
  - Crain, Philip W.; and St. Pierre, Raymond M., 4,504,242, Cl. 446-429.000.
- Saint-Prix, Robert; and Montmartin, Henri, to Societe Nouvelle des Etablissements Dervaux. Anchoring or connecting sleeve for multistrand cable conductor. 4,511,280, 4-16-85, Cl. 403-274.000.
- St. Regis Corporation: *See—*
  - Keppel, Stephen C.; Newton, Donald O.; and Salt, Stephen R., 4,521,910, Cl. 383-10.000.
  - Myers, Richard A., 4,515,266, Cl. 206-205.000.
  - Reeves, Robert L., 4,553,887, Cl. 410-119.000.
  - Ruf, Walter; and Kelley, Robert G., 4,526,245, Cl. 177-160.000.
  - Vance, Robert L., 4,521,911, Cl. 383-20.000.
- St. Regis Paper Company: *See—*
  - Brenholdt, Irving R., 4,507,556, Cl. 250-341.000.
  - Brenholdt, Irving R., 4,543,482, Cl. 250-343.000.
  - Keppel, Stephen C., 4,550,441, Cl. 383-103.000.
  - Steltenkamp, Michael S., 4,507,172, Cl. 162-30.110.
  - Taylor, John A.; and Fridhandler, Robert M., 4,532,158, Cl. 427-355.000.
- St. Vincent, Valerie: *See—*
  - St. Vincent, Valerie A.; Heinen, Frank B.; and Rinell, Steven J., 4,520,805, Cl. 128-80.00R.
- St. Vincent, Valerie A.; Heinen, Frank B.; and Rinell, Steven J., to St. Vincent, Valerie. Abductor turntable. 4,520,805, 6-4-85, Cl. 128-80.00R.
- Saintherant, Patrice: *See—*
  - Baggio, Jean-Louis; and Saintherant, Patrice, 4,526,596, Cl. 62-40.000.
- Saintsbury, John A.; Sampath, Parthasarathy; and Weinberg, Maurice, to Pratt & Whitney Aircraft of Canada Limited. Combustor for a gas turbine engine. 4,549,402, 10-29-85, Cl. 60-738.000.
- Sainz, Antonio J.; and Roberts, Victor C., to National Research Development Corporation. Variable characteristic filters. 4,540,946, 9-10-85, Cl. 328-167.000.
- Saipem S.p.A.: *See—*
  - Benedini, Giorgio; and Strange, Anthony E. J., 4,529,568, Cl. 264-262.000.

Sairanen, Martti; and Virta, Matti, to Oy Helvar. Means for limiting and controlling the current of a discharge lamp. 4,492,897, 1-8-85, Cl. 315-219.000.

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Saita, Kenji; and Fujioka, Syozo, to Sumitomo Chemical Company, Limited. Heat storage composition. 4,556,501, 12-3-85, Cl. 252-70.000.

Saita, Koji: *See—*
Sakamoto, Yasuhiro; Saita, Koji; and Kojima, Akihiro, 4,504,764, Cl. 313-403.000.

Saita, Toshikazu; Hino, Toshiyuki; and Matsumura, Masami, to Mitsubishi Denki Kabushiki Kaisha. Ignition apparatus for internal combustion engines. 4,561,412, 12-31-85, Cl. 123-617.000.

Saitama Kako Co., Ltd.: *See—*
Torii, Masakatsu, 4,522,392, Cl. 272-142.000.

Saito, Akihiro, to Fujikogyosho Co., Ltd. Method and apparatus for automatic electric seam resistance welding of can bodies. 4,525,617, 6-25-85, Cl. 219-83.000.

Saito, Akio: *See—*
Uchigaki, Takatoshi; Saito, Akio; and Yamada, Naoki, 4,512,348, Cl. 128-632.000.

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Saito, Eiichi: *See—*
Ohtsuka, Shuichi; Aotsuka, Yasuo; and Saito, Eiichi, 4,521,103, Cl. 355-14.00D.

Saito, Eiiji; Aizawa, Shoji; Mitsui, Michio; Miyata, Tomohiko; and Kuroda, Masayuki, to Ransburg Japan, Limited. Method of changing color of paints for an electrostatic coating machine. 4,508,266, 4-2-85, Cl. 239-3.000.

Saito, Etsuro, to Sony Corporation. Magnetic disk cartridge. 4,511,944, 4-16-85, Cl. 360-133.000.

Saito, Etsuro, to Sony Corporation. Magnetic disc recording and/or reproducing apparatus. 4,536,813, 8-20-85, Cl. 360-137.000.

Saito, Fuminari; Kajino, Jirou; and Kanchiku, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Magnetic tape recording and/or reproducing apparatus. 4,562,496, 12-31-85, Cl. 360-85.000.

Saito, Gunji: *See—*
Umeno, Hiroshi; Saito, Gunji; and Hayashida, Morimasa, 4,554,780, Cl. 56-11.800.

Saito, Hajime; and Urakawa, Tetsuro, to Toshiba Ceramics Co., Ltd.; and Saito, Hajime. Method of manufacturing β type silicon nitride whiskers. 4,521,393, 6-4-85, Cl. 423-344.000.

Saito, Hideaki: *See—*
Emura, Junichi; Kanari, Issei; and Saito, Hideaki, 4,527,676, Cl. 188-299.000.

Saito, Hideo: *See—*
Nakao, Shinroku; Saito, Hideo; Kato, Hitoshi; Ishii, Yoshiyasu; and Matsuda, Hiroaki, 4,538,830, Cl. 280-647.000.

Saito, Hiraku; Suzuki, Yasuo; Fujii, Katsumi; Miyazaki, Kaoru; and Horio, Takekazu, to Oriental Yeast Co., Ltd. Colored molecular weight marker. 4,507,233, 3-26-85, Cl. 260-115.000.

Saito, Hiraku: *See—*
Nakatomi, Yasuo; Saito, Hiraku; Nagashima, Akihiro; and Umeda, Fumio, 4,547,374, Cl. 426-19.000.

Saito, Hiroshi, to Kabushiki Kaisha Komatsu Seisakusho. Excavating and propelling machine for laying pipelines underground. 4,534,676, 8-13-85, Cl. 405-184.000.

Saito, Hiroshi: *See—*
Asano, Juichi; Okubo, Yasuo; Saito, Hiroshi; and Harada, Shigeru, 4,555,064, Cl. 241-89.300.
Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.

Saito, Isao: *See—*
Kamuro, Takashi; Ootsuga, Hisao; Saito, Isao; and Koga, Motoyuki, 4,556,580, Cl. 427-8.000.
Machida, Yoshimasa; Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Kitoh, Kyosuke; and Saito, Isao, 4,546,176, Cl. 544-21.000.
Negi, Shigeto; Nomoto, Seiichiro; Kamiya, Takashi; Machida, Yoshimasa; Saito, Isao; and Kitoh, Kyosuke, 4,513,145, Cl. 549-402.000.
Yamanaka, Motosuke; Saito, Isao; Yamatsu, Kiyomi; and Fujimoto, Takako, 4,533,669, Cl. 514-396.000.

Saito, Isoo; Fujioka, Kotaro; Arai, Hajime; and Saruyama, Hideo, to Toray Industries, Inc. Polyester multifilament yarn and process for producing thereof. 4,491,657, 1-1-85, Cl. 528-308.100.

Saito, Iwao. Apparatus for treating spasmodic torticollis. 4,493,328, 1-15-85, Cl. 128-782.000.

Saito, Jun: *See—*
Ema, Kenji; Saito, Jun; Mitsuishi, Takatoshi; and Ikado, Shuhei, 4,544,727, Cl. 526-313.000.

Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; and Kamochi, Atsumi, to Nihon Tokushu Noyaku Seizo K.K. Substituted phenoxypropionates and herbicidal compositions containing same and their herbicidal use. 4,500,346, 2-19-85, Cl. 71-94.000.

Saito, Junichi; and Kagabu, Shinzo, to Nihon Tokushu Noyaku Seizo K.K. 2,2-Dihalogeno-3,3-dimethylcyclopropane derivative fungicides. 4,514,418, 4-30-85, Cl. 514-508.000.

Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, to Nihon Tokushu Noyaku Seizo K.K. Organophosphate pesticides. 4,535,076, 8-13-85, Cl. 514-128.000.

Saito, Junichi; Kudamatsu, Akio; Kume, Toyohiko; and Tsuboi, Shinichi, to Nihon Tokushu Noyaku Seizo K.K. Phosphonic acid esters as pesticides. 4,556,650, 12-3-85, Cl. 514-128.000.

Saito, Junichi: *See—*
Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,500,342, Cl. 71-93.000.
Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; and Shiokawa, Kozo, 4,514,210, Cl. 71-92.000.
Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,545,944, Cl. 260-545.00R.
Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, 4,552,586, Cl. 71-94.000.

Saito, Junji: *See—*
Oguri, Yasuo; Saito, Junji; and Kijima, Naoto, 4,505,866, Cl. 264-42.000.

Saito, Junya: *See—*
Yamada, Hisafumi; Saito, Junya; and Tsutsui, Ichiro, 4,517,601, Cl. 358-167.000.

Saito, Kaneo, to Konishiroku Photo Industry Co., Ltd. Automatic developing machine. 4,537,485, 8-27-85, Cl. 354-304.000.

Saito, Kaneo, to Konishiroku Photo Industry Co., Ltd. Film mounting device. 4,561,167, 12-31-85, Cl. 29-564.600.

Saito, Kazumasa: *See—*
Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,555,466, Cl. 430-106.600.

Saito, Kazuo, to Mitsubishi Denki Kabushiki Kaisha. Equalizer circuit for use in communication unit. 4,491,808, 1-1-85, Cl. 333-28.00R.

Saito, Kazuo: *See—*
Morikawa, Yuichi; Saito, Kazuo; Amada, Eiichi; and Shirasu, Hirotoshi, 4,558,185, Cl. 179-170.0NC.

Saito, Kazuyoshi; Iida, Taketoshi; Shirasaka, Toshio; and Takemura, Yasuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic imaging apparatus. 4,541,435, 9-17-85, Cl. 128-660.000.

Saito, Kazuyuki: *See—*
Sasaki, Yoshio; and Saito, Kazuyuki, 4,539,953, Cl. 123-90.410.

Saito, Keiji: *See—*
Matsumiya, Saburo; Uehara, Katsuya; Saito, Keiji; Michiki, Hideyuki; and Yaginuma, Kenichi, 4,549,904, Cl. 75-7.000.

Saito, Ken; Ochi, Tsuneo; Furunishi, Kaoru; and Yuki, Takeshi, to Nippon Steel Metal Products Co., Ltd. Metal skid for bundling. 4,501,402, 2-26-85, Cl. 248-346.000.

Saito, Kenichi: *See—*
Yoshikumi, Chikao; Fujii, Takayoshi; Saito, Kenichi; Fujii, Masahiko; and Niimura, Koichi, 4,504,487, Cl. 514-492.000.

Saito, Kenji; and Yamachika, Hiroshi, to Sumitomo Chemical Company, Limited. Process for preparing cyclopentenolones. 4,510,329, 4-9-85, Cl. 568-310.000.

Saito, Kimiharu, to Iwatsu Electric Co., Ltd. Cathode ray tube with an electron lens for deflection amplification. 4,543,508, 9-24-85, Cl. 313-429.000.

Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. System for controlling air-fuel ratio in internal combustion engine. 4,499,882, 2-19-85, Cl. 123-492.000.

Saito, Kimitaka: *See—*
Kohama, Tokio; Obayashi, Hideki; Saito, Kimitaka; Ina, Toshikazu; and Narita, Seiichi, 4,513,627, Cl. 73-862.340.
Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,503,713, Cl. 73-862.340.
Obayashi, Hideki; Kohama, Tokio; Saito, Kimitaka; Kawai, Hisasi; and Ina, Toshikazu, 4,513,626, Cl. 73-862.340.

Saito, Kiyotaka: *See—*
Kitsunai, Tomoyuki; Saito, Kiyotaka; and Hori, Shozo, 4,504,625, Cl. 525-71.000.

Saito, Koetsu: *See—*
Tone, Masayuki; Yano, Tsutomu; and Saito, Koetsu, 4,523,122, Cl. 310-334.000.

Saito, Koji: *See—*
Enjoji, Susumu; and Saito, Koji, 4,548,210, Cl. 128-660.000.

Saito, Kunihiro, to Ichikoh Industries Limited. Apparatus for adjusting the inclination of automobile headlamp. 4,533,860, 8-6-85, Cl. 318-673.000.

Saito, Makoto; Sakamoto, Masakatsu; Uchida, Kenji; and Kamino, Yukishige, to Hitachi, Ltd. Apparatus for continuous pressure feeding of slurry. 4,536,131, 8-20-85, Cl. 417-102.000.

Saito, Makoto: *See—*
Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.
Uchida, Kenji; Sakamoto, Masakatsu; Saito, Makoto; Kamino, Yukishige; and Miyadera, Hiroshi, 4,547,132, Cl. 417-63.000.

Saito, Masahiko: *See—*
Kato, Yoshinori; Umemoto, Naoji; Saito, Masahiko; and Hara, Takeshi, 4,507,234, Cl. 260-121.000.

Saito, Masami: *See—*
Sakata, Hideo; and Saito, Masami, 4,495,703, Cl. 33-174.00L.

Saito, Masao: *See—*
Kasai, Yoshiaki; Hiraoka, Yasuo; Yuasa, Masaharu; Harada, Masataka; and Saito, Masao, 4,527,532, Cl. 123-520.000.

Saito, Masato, to Nippon Electric Co., Ltd. Split-cache having equal size operand and instruction memories. 4,502,110, 2-26-85, Cl. 364-200.000.

Saito, Masatsugu: *See—*
- Ikedo, Yuji; Abe, Kunio; and Saito, Masatsugu, 4,507,768, Cl. 369-77.100.

Saito, Masayuki: *See—*
- Ohnishi, Masaru; and Saito, Masayuki, 4,492,965, Cl. 346-1.100.

Saito, Massaru: *See—*
- Endo, Satsuo; Saito, Massaru; and Ohashi, Yoshihiro, 4,502,034, Cl. 338-128.000.

Saito, Mikio: *See—*
- Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, 4,531,964, Cl. 71-92.000.

Saito, Mitsuru: *See—*
- Ueda, Hiroshi; Saito, Mitsuru; and Kajita, Hideo, 4,537,732, Cl. 264-1.100.

Saito, Mitugu: *See—*
- Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, 4,559,973, Cl. 138-138.000.

Saito, Motoyasu: *See—*
- Mukohyama, Hideaki; Hiraoka, Ryoichi; Ushijima, Shohachi; and Saito, Motoyasu, 4,547,571, Cl. 536-90.000.

Saito, Motoyuki: *See—*
- Fukutome, Satoru; Hatanaka, Hideo; and Saito, Motoyuki, 4,493,560, Cl. 368-88.000.

Saito, Muneo: *See—*
- Hayakawa, Shoichi; and Saito, Muneo, 4,553,511, Cl. 123-179.00B.

Saito, Noboru; Satake, Takeshi; Aoki, Ryuji; and Nagai, Isao, to Nippon Shokubai Kagaku Kogyo Co., Ltd. Catalyst for manufacturing methacrolein. 4,511,671, 4-16-85, Cl. 502-242.000.

Saito, Norihisa: *See—*
- Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285, Cl. 350-600.000.

Saito, Norio: *See—*
- Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, 4,499,265, Cl. 544-16.000.
- Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, 4,532,077, Cl. 260-245.400.

Saito, Noritoshi: *See—*
- Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.

Saito, Osamu: *See—*
- Sumiya, Kenji; Togawa, Fumio; and Saito, Osamu, 4,536,444, Cl. 428-340.000.

Saito, Ryosuke, to Sumitomo Gomu Kogyo Kabushiki Kaisha. Fender and life ladder in one. 4,494,474, 1-22-85, Cl. 114-219.000.

Saito, Seiji; Ayata, Naoki; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, to Canon Kabushiki Kaisha. Image processing apparatus. 4,538,182, 8-27-85, Cl. 358-280.000.

Saito, Seiji, to Canon Kabushiki Kaisha. Recording apparatus. 4,540,996, 9-10-85, Cl. 346-140.00R.

Saito, Seiji: *See—*
- Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, 4,521,805, Cl. 358-75.000.
- Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,527,885, Cl. 355-3.00R.
- Koumura, Noboru; Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; and Ozawa, Kunitaka, 4,500,918, Cl. 358-75.000.

Saito, Seitoku; Izumi, Toshiaki; Kobuke, Takayoshi; and Sugihara, Hiroshi, to TDK Electronics Co., Ltd. Magnetic recording medium. 4,520,076, 5-28-85, Cl. 428-611.000.

Saito, Seitoku: *See—*
- Takada, Kazuo; and Saito, Seitoku, 4,542,062, Cl. 428-336.000.

Saito, Setsuo: *See—*
- Fushiya, Fusao; Inoue, Nobuhiro; and Saito, Setsuo, 4,527,380, Cl. 56-12.800.

Saito, Shigemasa: *See—*
- Kondo, Kazuo; Imamura, Seiji; Saito, Shigemasa; Akimoto, Mamoru; and Sunaga, Mitsuo, 4,523,711, Cl. 228-198.000.

Saito, Shigeo; and Nagata, Masayuki, to Sumitomo Electric Industries, Ltd. Method of manufacturing Al-stabilized superconductor. 4,537,642, 8-27-85, Cl. 148-11.50Q.

Saito, Shigeo: *See—*
- Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, 4,506,109, Cl. 174-128.00S.

Saito, Shin: *See—*
- Onitsuka, Hatsuki; Saito, Shin; and Fukuda, Hideo, 4,557,830, Cl. 210-198.200.

Saito, Shiuji: *See—*
- Tomisawa, Kazuyuki; Kameo, Kazuya; Matsunaga, Toru; Saito, Shiuji; Nakashima, Yoshimoto; and Sata, Kaoru, 4,541,959, Cl. 260-455.00R.

Saito, Shoichi; and Shirako, Hideo, to Olympus Optical Co., Ltd. Tape cassette storage box. 4,492,417, 1-8-85, Cl. 312-9.000.

Saito, Shoichi, to Olympus Optical Co., Ltd. Ejecting device of a magnetic tape driving apparatus. 4,509,085, 4-2-85, Cl. 360-93.000.

Saito, Shoichi; and Miyazi, Kazumi, to Olympus Optical Co., Ltd. Magnetic head adjusting apparatus. 4,523,242, 6-11-85, Cl. 360-109.000.

Saito, Shoichi; and Shirako, Hideo, to Olympus Optical Co., Ltd. Tape cassette storage box coupling accessory. 4,523,680, 6-[illegible]8-85, Cl. 206-387.000.

Saito, Shoichi; and Miyazi, Kazumi, to Olympus Optical Co., Ltd. Mode setting device of a magnetic tape driving apparatus. 4,554,605, 11-19-85, Cl. 360-96.100.

Saito, Shojiro; and Azumaya, Noriyoshi, to Nippon Electric Co., Ltd. Inked ribbon cartridge for an impact serial printer. 4,533,266, 8-6-85, Cl. 400-208.000.

Saito, Shunji, to Tokyo Electric Co., Ltd. Floppy disk drive apparatus. 4,547,820, 10-15-85, Cl. 360-71.000.

Saito, Sigeru; Shimizu, Takahiko; and Tamura, Takasi, to Pentel Kabushiki Kaisha. Writing instrument having [illegible]dle slidably mounted in a tubular tip. 4,522,525, 6-11-85, Cl. 40[illegible]58.000.

Saito, Sueo: *See—*
- Shimokobe, Hirokata; Saito, Sueo; [illegible] Kentaro; Akahane, Shoji; and Hirota, Kazuo, 4,524,824, Cl. [illegible]-35.000.

Saito, Susumu: *See—*
- Fujii, Yasuhiko; Owaki, Isao; Saito, Susumu; Mori, Takaro; and Nakamura, Shinji, 4,551,840, Cl. 371-38.000.
- Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, 4,561,717, Cl. 350-6.800.
- Mori, Takaro; Saito, Susumu; and Fujii, Yasuhiko, 4,546,393, Cl. 360-40.000.
- Okada, Kunihiro; Endo, Hirohide; Saito, Susumu; and Kataoka, Kenji, 4,514,079, Cl. 355-8.000.
- Owaki, Isao; Saito, Susumu; Fujii, Yasuhiko; and Nakamura, Shinji, 4,527,207, Cl. 360-73.000.
- Owaki, Isao; Saito, Susumu; and Yamazaki, Masami, 4,533,964, Cl. 360-22.000.
- Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.
- Tatsuno, Kimio; and Saito, Susumu, 4,525,024, Cl. 350-6.500.

Saito, Syozo: *See—*
- Inoue, Masao; Suzuki, Shingo; and Saito, Syozo, 4,548,469, Cl. 350-128.000.

Saito, Syuichiro, to Canon Kabushiki Kaisha. Image sensing apparatus. 4,504,866, 3-12-85, Cl. 358-213.000.

Saito, Tadahiro: *See—*
- Iwata, Atsushi; Kaneko, Takao; Ito, Akihiko; Saito, Tadahiro; and Fukui, Hirokazu, 4,524,333, Cl. 331-17.000.

Saito, Tadao; Kishi, Takao; and Kakuta, Yoshiyuki, to Yoshino Kogyosho Co., Ltd. Manually-operated sprayer. 4,516,727, 5-14-85, Cl. 239-333.000.

Saito, Tadao; and Ogawa, Riichi, to Yoshino Kogyosho Co. Ltd. Tapping stopper. 4,531,657, 7-30-85, Cl. 222-108.000.

Saito, Tadao: *See—*
- Tsukada, Takami; Akutsu, Masao; and Saito, Tadao, 4,511,418, Cl. 156-245.000.

Saito, Tadashi, to Toyota Jidosha Kabushiki Kaisha. Transmission power output shaft assembly with bearing lubricant collecting and directing member. 4,501,167, 2-26-85, Cl. 74-467.000.

Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, to Hitachi, Ltd. Tracking servo system for magnetic recording and reproducing apparatus using flexible magnetic disk. 4,551,777, 11-5-85, Cl. 360-77.000.

Saito, Tadayoshi: *See—*
- Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, 4,528,918, Cl. 110-347.000.

Saito, Taiji; Kato, Mitsuhisa; and Yasunaga, Kimioki, to Toyota Jidosha Kabushiki Kaisha. Oil cooler system for motor vehicles with turbo chargers. 4,503,679, 3-12-85, Cl. 60-605.000.

Saito, Takao: *See—*
- Moriyama, Masakazu; and Saito, Takao, 4,493,100, Cl. 381-43.000.
- Moriyama, Masakazu; and Saito, Takao, 4,496,996, Cl. 360-12.000.
- Moriyama, Masakazu; and Saito, Takao, 4,516,207, Cl. 364-424.000.
- Moriyama, Masakazu; and Saito, Takao, 4,528,552, Cl. 340-525.000.
- Moriyama, Masakazu; and Saito, Takao, 4,550,317, Cl. 340-995.000.

Saito, Takashi, to Victor Company of Japan, Ltd. Rotary recording medium reproducing apparatus. 4,492,996, 1-8-85, Cl. 360-99.000.

Saito, Takashi; Suzuki, Kazumoto; and Naganuma, Yoshihiro, to Fujikura Ltd. Magnetic material wire. 4,525,432, 6-25-85, Cl. 428-653.000.

Saito, Takashi, to Nippon Telegraph & Telephone Public Corporation. Thermal ink transfer printing system. 4,561,789, 12-31-85, Cl. 400-120.000.

Saito, Takashi: *See—*
- Kamiyama, Masayuki; Saito, Takashi; and Asai, Kiyotsugu, 4,552,944, Cl. 528-55.000.
- Kishi, Toru; and Saito, Takashi, 4,535,433, Cl. 369-77.200.
- Ogasawara, Takaaki; Maruyama, Tokuji; Sato, Masaharu; Hida, Yukio; and Saito, Takashi, 4,546,234, Cl. 219-137.0PS.

Saito, Takayuki; Kikuchi, Toru; Obara, Masakatsu; and Kobayashi, Akihiro, to Hitachi Chemical Company, Ltd. Hexahydrophthalides. 4,491,667, 1-1-85, Cl. 549-302.000.

Saito, Takayuki: *See—*
- Kikuchi, Toru; Saito, Takayuki; Kobayashi, Akihiro; and Goto, Hitoshi, 4,507,460, Cl. 525-507.000.
- Nakashima, Kazuhide; Saito, Takayuki; Nakahara, Takeshi; and Tanaka, Shigeo, 4,492,789, Cl. 525-531.000.

Saito, Takeo: *See—*
- Onda, Takanori; and Saito, Takeo, 4,505,352, Cl. 180-219.000.

Saito, Tamio, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing multilayer circuit substrate. 4,525,383, 6-25-85, Cl. 427-89.000.

Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, to Kubota, Ltd. Structure for attaching tines for cultivation by reversible rotation in rotary cultivating apparatus. 4,556,113, 12-3-85, Cl. 172-91.000.

Saito, Tatsuhiko, to Yamato Scientific Co., Ltd. Elevational operating device for a rotary evaporator. 4,522,684, 6-11-85, Cl. 159-11.200.

Saito, Tetsuro, to Canon Kabushiki Kaisha. Input element. 4,558,190, 12-10-85, Cl. 200-5.00A.

Saito, Tohru: *See—*
- Ichikawa, Masashi; Takahashi, Yasuo; and Saito, Tohru, 4,561,561, Cl. 220-270.000.

Saito, Tomoharu: *See—*
- Kubo, Akira; Ishii, Akihiko; Nishizaki, Ken; and Saito, Tomoharu, 4,499,225, Cl. 524-276.000.

Saito, Tomotaka; and Nagao, Kenichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Display control for electronic calculator. 4,551,716, 11-5-85, Cl. 340-711.000.

Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, to Sanko Kaihatsu Kagaku Kenkyusho; and Kanzaki Paper Manufacturing Co., Ltd. Heat-sensitive recording material. 4,542,395, 9-17-85, Cl. 346-216.000.

Saito, Toranosuke: *See—*
- Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.
- Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,514,745, Cl. 346-216.000.
- Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,531,140, Cl. 346-209.000.

Saito, Toru, to S. Soga & Co. Power switch assembly having a circuit breaker and a circuit disconnector. 4,541,033, 9-10-85, Cl. 361-333.000.

Saito, Toru: *See—*
- Horiuchi, Susumu; Hiraoka, Taiji; and Saito, Toru, 4,507,390, Cl. 436-161.000.
- Ichikawa, Masashi; Saito, Toru; and Nishi, Takeshi, 4,506,134, Cl. 219-100.000.
- Nishikawa, Akira; Saito, Toru; and Otsuka, Kenichi, 4,502,132, Cl. 361-332.000.

Saito, Toshio; Matsumoto, Kenzo; and Soji, Kazuo, to Matsushita Electric Industrial Co., Ltd. Cycle timer. 4,549,260, 10-22-85, Cl. 364-143.000.

Saito, Toshio: *See—*
- Nagatani, Toshio; Chiba, Norio; Hatanaka, Takao; and Saito, Toshio, 4,551,367, Cl. 428-35.000.
- Nishida, Takeshi; Yamagami, Yousuke; Takeda, Toshihide; and Saito, Toshio, 4,547,906, Cl. 2-93.000.

Saito, Toshiyuki; Okubo, Naofumi; and Kaneko, Yoshiaki, to Fujitsu Limited. Cavity resonator coupling-type power distributor/power combiner. 4,562,409, 12-31-85, Cl. 330-286.000.

Saito, Tsutomu; and Mihayashi, Keiji, to Fuji Photo Film Co., Ltd. Silver halide light-sensitive material. 4,539,289, 9-3-85, Cl. 430-506.000.

Saito, Tsutomu: *See—*
- Odashima, Takeshi; and Saito, Tsutomu, 4,540,860, Cl. 200-83.00C.
- Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, 4,499,882, Cl. 123-492.000.

Saito, Yasuhiro; and Tatemichi, Takaomi, to Kabushiki Kaisha Daini Seikosha. Automatic coordinate determining device having electrostatic shielding. 4,497,977, 2-5-85, Cl. 178-19.000.

Saito, Yasunori: *See—*
- Negishi, Yukiyasu; Ishida, Yukinori; Saito, Yasunori; and Tanaka, Shigeru, 4,491,386, Cl. 350-96.230.

Saito, Yasuo: *See—*
- Baba, Toru; and Saito, Yasuo, 4,557,052, Cl. 30-276.000.
- Nagashima, Akira; and Saito, Yasuo, 4,493,400, Cl. 188-77.00W.

Saito, Yoshihiro; and Yazaki, Komei, to Nissan Motor Company, Limited. Gear shift control linkage of transmission. 4,491,032, 1-1-85, Cl. 74-473.00R.

Saito, Yoshikazu; and Nakaya, Hiroshi, to Denyo Kabushiki Kaisha. Single-core inductor generator for welding producing multiple, mutually-independent outputs. 4,539,486, 9-3-85, Cl. 307-34.000.

Saito, Yoshitaka. Automatic stone cutter. 4,520,880, 6-4-85, Cl. 175-51.000.

Saito, Yu; and Harada, Tsuneo, to Kawasaki Jukogyo Kabushiki Kaisha; and Daiwa Alloy Mfg. Co. Alkali-proof cast aluminum product having a wear-resistant surface layer. 4,560,615, 12-24-85, Cl. 428-328.000.

Saito, Yuichi: *See—*
- Furukawa, Hiroshi; and Saito, Yuichi, 4,521,587, Cl. 526-340.200.
- Kurokawa, Hiroshi; Kurokawa, Sunji; and Saito, Yuichi, 4,562,483, Cl. 358-257.000.
- Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.
- Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.

Saito, Yukihiro: *See—*
- Shimizu, Shoji; Asakawa, Shirow; Saito, Yukihiro; and Ito, Yoshimasa, 4,553,988, Cl. 55-158.000.

Saito, Yutaka: *See—*
- Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.

Saitoh, Hiroshi; Kadooka, Katsuyuki; Tsukamoto, Mamoru; Ono, Shoji; and Ohkawa, Masaki, to Ma-Ma Macaroni Co., Ltd. Process for preparing boiled noodles. 4,552,772, 11-12-85, Cl. 426-557.000.

Saitoh, Hiroyuki; and Kikuchi, Yoshiki, to Fuji Xerox Co., Ltd. Electrostatic copying device employing thermally fluidizable medium on photosensitive belt. 4,514,744, 4-30-85, Cl. 346-153.100.

Saitoh, Hiroyuki; and Kurata, Masami, to Fuji Xerox Co., Ltd. Three-color copying machine. 4,518,987, 5-21-85, Cl. 358-75.000.

Saitoh, Hiroyuki; and Kurata, Masami, to Fuji Xerox Co., Ltd. Two-color copying machine. 4,518,988, 5-21-85, Cl. 358-75.000.

Saitoh, Hiroyuki; and Kurata, Masami, to Fuji Xerox Co., Ltd. Shading correction device. 4,554,583, 11-19-85, Cl. 358-163.000.

Saitoh, Hiroyuki: *See—*
- Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, 4,505,574, Cl. 355-14.00E.
- Kurata, Masami; Saitoh, Hiroyuki; and Matsuda, Masakane, 4,518,999, Cl. 358-285.000.

Saitoh, Hisashi, to Saikosha Works Ltd. Combination lock. 4,524,592, 6-25-85, Cl. 70-287.000.

Saitoh, Kazunori, to Pennsylvania Engineering Corporation; and Hotaka Engineering Co., Ltd. Method of removal of impure gases at the time of scrap preheating, and equipment for use of same. 4,492,567, 1-8-85, Cl. 432-30.000.

Saitoh, Keishi; and Arao, Kozo, to Canon Kabushiki Kaisha. Photoconductive member. 4,532,198, 7-30-85, Cl. 430-84.000.

Saitoh, Keishi; and Ando, Wataru, to Canon Kabushiki Kaisha. Method for forming a deposition film. 4,546,008, 10-8-85, Cl. 427-38.000.

Saitoh, Keishi: *See—*
- Kanbe, Junichiro; Shirai, Shigeru; Misumi, Teruo; Saitoh, Keishi; and Osato, Yoichi, 4,536,460, Cl. 430-57.000.
- Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, 4,536,459, Cl. 430-57.000.
- Ogawa, Kyosuke; Shirai, Shigeru; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,522,905, Cl. 430-60.000.
- Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,529,679, Cl. 430-84.000.
- Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,555,465, Cl. 430-95.000.
- Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,501,807, Cl. 430-57.000.
- Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,547,448, Cl. 430-84.000.

Saitoh, Kiyonobu; and Fujiwara, Katsuyoshi, to Sharp Kabushiki Kaisha. Auto copy-paper selector. 4,530,494, 7-23-85, Cl. 271-9.000.

Saitoh, Kiyoshi: *See—*
- Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige. 4,518,464, Cl. 204-1.00T.

Saitoh, Koichi; Itami, Teruhiko; and Kimoto, Toshifumi, to Fuji Xerox Co., Ltd. Method of erasing magnetic latent image in thermo-magnetic recording. 4,503,438, 3-5-85, Cl. 346-74.400.

Saitoh, Koichi; Horie, Kiyoshi; Itami, Teruhiko; and Kimoto, Toshifumu, to Fuji Xerox Co., Ltd. Magnetic copying method and apparatus. 4,558,327, 12-10-85, Cl. 346-74.200.

Saitoh, Koichi: *See—*
- Itami, Teruhiko; Kimoto, Toshifumi; Yamasawa, Akira; and Saitoh, Koichi, 4,544,57[illegible], Cl. 427-48.000.
- Kimoto, Toshifumi; Itami, Teruhiko; Nishimura, Nobuo; and Saitoh, Koichi, 4,520,409, Cl. 360-59.000.
- Kimoto, Toshifumi; Todoh, Hidemasa; Itami, Teruhiko; and Saitoh, Koichi, 4,554,557, Cl. 346-74.400.
- Nishimura, Nobuo; Itami, Teruhiko; Kimoto, Toshifumi; Tomiyama, Shunsuke; and Saitoh, Koichi, 4,525,723, Cl. 346-74.400.

Saitoh, Kuniyuki: *See—*
- Shigeta, Masatomo; Fukuda, Hiroyuki; Saitoh, Kuniyuki; and Kaji, Hisatsugu, 4,522,895, Cl. 429-44.000.

Saitoh, Mikio: *See—*
- Kuriyama, Shizuo; and Saitoh, Mikio, 4,507,322, Cl. 514-648.000.

Saitoh, Minoru; Arimatsu, Yoshikazu; Tani, Katsuya; and Mitamura, Hideyuki, to Toyo Boseki Kabushiki Kaisha. Polyurethane composition improved in dyeing property. 4,499,221, 2-12-85, Cl. 524-109.000.

Saitoh, Minoru: *See—*
- Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, 4,562,239, Cl. 528-65.000.

Saitoh, Mitsunori: *See—*
- Imagawa, Kyoshiro; Sakuragi, Shiro; and Saitoh, Mitsunori, 4,491,385, Cl. 350-96.200.

Saitoh, Noriaki: *See—*
- Harada, Masato; Iijima, Makoto; and Saitoh, Noriaki, 4,499,194, Cl. 502-8.000.

Saitoh, Osamu: *See—*
- Tanaka, Masaru; Noguchi, Naoki; Yoshino, Kenji; and Saitoh, Osamu, 4,525,069, Cl. 356-435.000.

Saitoh, Shinichi: *See—*
- Ogawa, Tetsuya; Saitoh, Shinichi; Inoi, Takeshi; Kato, Masaji; and Obara, Heitaro, 4,537,999, Cl. 568-584.000.

Saitoh, Shouji: *See—*
  Sasaki, Akira; Mashiko, Kazuyuki; Saitoh, Shouji; and Hakoyama, Akiyoshi, 4,528,572, Cl. 346-76.0PH.

Saitoh, Sumio: *See—*
  Yoshimura, Masaru; and Saitoh, Sumio, 4,499,217, Cl. 523-456.000.

Saitoh, Tadashi: *See—*
  Itoh, Haruo; Tokiguchi, Katsumi; Warabisako, Terunori; Saitoh, Tadashi; and Tokuyama, Takashi, 4,533,831, Cl. 250-492.200.

Saitoh, Takashi: *See—*
  Okuno, Eiichi; Okamura, Naomi; and Saitoh, Takashi, 4,562,237, Cl. 528-17.000.

Saitoh, Takeshi; Matsuura, Shigeo; Moteki, Minoru; and Hatashita, Hiroshi, to Hitachi, Ltd. Wide-band tuner having a temperature-compensated microstrip resonator arrangement. 4,491,976, 1-1-85, Cl. 455-315.000.

Saitoh, Yoshiyuki: *See—*
  Komiya, Hidetsugu; Inoue, Michiya; and Saitoh, Yoshiyuki, 4,554,462, Cl. 307-140.000.

Saitou, Hiroyoshi: *See—*
  Noyori, Masato; Saitou, Hiroyoshi; Sato, Masamitsu; and Kikuchi, Kiyoshi, 4,542,477, Cl. 364-900.000.

Saitou, Hiroyuki: *See—*
  Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki, 4,514,234, Cl. 148-11.50P.

Saitou, Kazuo: *See—*
  Morimoto, Masao; Sano, Shoji; Yoshimi, Kazuyoshi; and Saitou, Kazuo, 4,521,153, Cl. 415-146.000.

Saitou, Sinichi: *See—*
  Nemoto, Shigeru; Kitajima, Goro; Saitou, Sinichi; and Osada, Hazime, 4,523,247, Cl. 360-137.000.
  Nemoto, Shigeru; Saitou, Sinichi; Kitajima, Goro; and Osada, Hazime, 4,525,760, Cl. 360-137.000.

Saitou, Tatuya: *See—*
  Yamawaki, Takeshi; Saitou, Tatuya; and Sugimori, Sigemi, 4,516,804, Cl. 296-214.000.
  Yamawaki, Takesi, deceased; Kusuhara, Masakazu; and Saitou, Tatuya, 4,536,025, Cl. 296-37.160.

Saitta, Joseph P. System for signalling conditions of, including an emergency within, a vehicle. 4,550,304, 10-29-85, Cl. 340-84.000.

Saitto, Antonio: *See—*
  Beretta, Guiliano; and Saitto, Antonio, 4,562,441, Cl. 343-781.00P.

Saiwai, Kazuhiko: *See—*
  Fujii, Yoshihiko; Tomita, Osamu; Taniguchi, Itaru; and Saiwai, Kazuhiko, 4,520,370, Cl. 346-76.00L.

Saji, Ikutaro; Sato, Renzo; Hanma, Noritaka; and Motoike, Yasuo, to Sumitomo Chemical Company, Limited. Process for preparing optically active imidazolylpropanol compounds, and intermediate therein. 4,526,983, 7-2-85, Cl. 548-341.000.

Saji, Keiichi: *See—*
  Takeuchi, Takashi; Takahashi, Hideaki; Saji, Keiichi; Kondo, Haruyoshi; and Hayakawa, Kiyoharu, 4,510,036, Cl. 204-425.000.

Sajic, Branko: *See—*
  Wagman, Julius; and Sajic, Branko, 4,551,330, Cl. 424-59.000.

Sajima, Yasuo: *See—*
  Asawa, Tatsuro; Sajima, Yasuo; and Iwamoto, Junjiro, 4,537,673, Cl. 204-253.000.
  Suhara, Manabu; Sajima, Yasuo; Ito, Hiroaki; and Arai, Kiyotaka, 4,561,946, Cl. 204-98.000.

Sajo, Istvan; Vamos, Gyorgy; Urmossy, Miklos; Sipos nee Kaveczka, Barbara; Zemplen nee Papp, Eva; Borsovszky, Eva; and Barta, Laszlo, to Energiagazdalkodasi Intezet. Method for the fast calorimetric qualification of puzzoulan materials. 4,491,633, 1-1-85, Cl. 436-147.000.

Sak, Dennis A.; Mestetsky, Thomas; and Manne, Stanley, to Arvey Corporation. Tamper-indicating self-sealing pouch. 4,509,196, 4-2-85, Cl. 383-5.000.

Sak, Dennis A.; and Mestetsky, Thomas, to Arvey Corporation. Self-sealing pouch for forming adhesive-to-adhesive seal. 4,510,621, 4-9-85, Cl. 383-89.000.

Saka, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Mixer circuit. 4,541,123, 9-10-85, Cl. 455-325.000.

Saka, Masakazu, to Sharp Kabushiki Kaisha. Combined thermometer and calculator. 4,493,565, 1-15-85, Cl. 374-185.000.

Sakabe, Yukio: *See—*
  Kawabata, Kenji; and Sakabe, Yukio, 4,552,853, Cl. 501-134.000.

Sakae, Tetsuo: *See—*
  Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.

Sakaeda, Keiko: *See—*
  Sashiki, Takashi; and Sakaeda, Keiko, 4,508,186, Cl. 177-1.000.
  Sashiki, Takashi; and Sakaeda, Keiko, 4,511,010, Cl. 177-25.000.
  Sashiki, Takashi; and Sakaeda, Keiko, 4,527,645, Cl. 177-1.000.
  Sashiki, Takashi; and Sakaeda, Keiko, 4,537,229, Cl. 141-83.000.
  Sashiki, Takashi; and Sakaeda, Keiko, 4,548,286, Cl. 177-1.000.
  Sashiki, Takashi; and Sakaeda, Keiko, 4,552,237, Cl. 177-25.000.

Sakagami, Seiji: *See—*
  Sakamoto, Hitoshi; Sakagami, Seiji; and Nagashima, Shigeru, 4,500,097, Cl. 277-59.000.

Sakagami, Teruo; Arakawa, Noriyuki; and Kakutani, Haruko, to Kureha Kagaku Kogyo Kabushiki Kaisha. Polymer dielectric comprising copolymer of vinylidene fluoride, tetrafluoroethylene and ethylene. 4,543,294, 9-24-85, Cl. 428-422.000.

Sakagami, Teruo; Arakawa, Noriyuki; Teramoto, Yoshikichi; and Nakamura, Kenichi, to Kureha Kagaku Kogyo Kabushiki Kaisha. Dielectric polymer materials. 4,554,335, 11-19-85, Cl. 526-249.000.

Sakagami, Teruo: *See—*
  Doi, Hideaki; Kokubun, Kenichi; Sakagami, Teruo; and Murayama, Naohiro, 4,504,631, Cl. 525-327.300.
  Nakamura, Ken'ichi; Sakagami, Teruo; Teramoto, Yoshikichi; and Obara, Hiroshi, 4,543,293, Cl. 428-421.000.
  Wagu, Masakatsu; Hayashi, Shoichiro; Murayama, Naohiro; and Sakagami, Teruo, 4,497,710, Cl. 210-635.000.

Sakagami, Yoshio; and Manabe, Hofumi. Novel proteinous cancer-cell proliferation inhibitory factors. 4,524,026, 6-18-85, Cl. 260-112.00B.

Sakaguchi, Akira: *See—*
  Horiuchi, Hajimu; and Sakaguchi, Akira, 4,536,637, Cl. 219-117.100.

Sakaguchi, Fumio: *See—*
  Hirota, Kiwami; Tamano, Hideki; and Sakaguchi, Fumio, 4,552,930, Cl. 525-333.800.

Sakaguchi, Haruo; Seki, Norio; Yamamoto, Shu; and Okada, Akira, to Kokusai Denshin Denwa Kabushiki Kaisha. Unitary mounting structure for semiconductor laser and optical fiber. 4,523,802, 6-18-85, Cl. 350-96.120.

Sakaguchi, Hifumi: *See—*
  Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, 4,537,530, Cl. 405-160.000.

Sakaguchi, Keizo; and Takeuchi, Shigeru, to Kurimoto Iron Works, Ltd. Process for manufacture of glass fiber-reinforced cement non-plate article. 4,562,030, 12-31-85, Cl. 264-173.000.

Sakaguchi, Morohira: *See—*
  Yoshida, Shigeru; Shiraishi, Norihisa; Asakawa, Chosei; and Sakaguchi, Morohira, 4,544,142, Cl. 266-252.000.

Sakaguchi, Seiichiro: *See—*
  Shiina, Koji; Sakaguchi, Seiichiro; and Akatsu, Yasuaki, 4,546,608, Cl. 60-649.000.

Sakaguchi, Shinji; Okamura, Hisashi; and Nakamura, Shigeru, to Fuji Photo Film Co., Ltd. Photographic recording material containing novel coordination polymer. 4,506,001, 3-19-85, Cl. 430-213.000.

Sakaguchi, Shinji: *See—*
  Okamura, Hisashi; Sakaguchi, Shinji; Takahashi, Osamu; and Murai, Ashita, 4,511,644, Cl. 430-219.000.

Sakaguchi, Shouzaburou; and Ueki, Yoshiharu, to Pioneer Electronic Corporation. Method for selecting desired piece of information recorded in magnetic tape mounted in magnetic tape recorder and/or reproducer. 4,551,774, 11-5-85, Cl. 360-72.100.

Sakaguchi, Shozo; and Yanagi, Kunio, to Jidosha Kiki Co., Ltd. Fluid reservoir having a seal and cover. 4,558,798, 12-17-85, Cl. 220-256.000.

Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, to Shin-Etsu Chemical Co., Ltd. Single crystal growing of rare earth-gallium garnet. 4,534,821, 8-13-85, Cl. 156-617.0SP.

Sakaguchi, Toshiharu: *See—*
  Yamane, Toshihiro; Ohashi, Kenzi; and Sakaguchi, Toshiharu, 4,525,297, Cl. 252-511.000.

Sakaguchi, Yasuhide: *See—*
  Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.

Sakaguchi, Yoshihito: *See—*
  Imose, Masayuki; Seno, Takao; and Sakaguchi, Yoshihito, 4,501,553, Cl. 432-59.000.

Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, to Fuji Photo Film Co., Ltd. Heat developable element with stabilizer. 4,536,466, 8-20-85, Cl. 430-203.000.

Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, to Fuji Photo Film Co., Ltd. Heat development of silver halide element with redox dye releaser and stabilizer. 4,536,467, 8-20-85, Cl. 430-203.000.

Sakaguchi, Yukihiko; Sato, Kozo; Naito, Hideki; and Hara, Hiroshi, to Fuji Photo Film Co., Ltd. Heat-developable color photographic material with heat fusible compound. 4,555,470, 11-26-85, Cl. 430-203.000.

Sakaguchi, Yukihiko; Aono, Toshiaki; and Fujita, Shinsaku, to Fuji Photo Film Co., Ltd. Heat development process with stabilizer. 4,555,476, 11-26-85, Cl. 430-351.000.

Sakaguchi, Yuriko: *See—*
  Obitsu, Masamichi; Hori, Takahiro; Koinuma, Toyoji; and Sakaguchi, Yuriko, 4,521,249, Cl. 106-12.000.

Sakai Chemical Industry Co., Ltd.: *See—*
  Abe, Kazunobu; and Nakatsuji, Tadao, 4,520,124, Cl. 502-159.000.
  Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.

Sakai, Chikaaki: *See—*
  Kondo, Takashi; Sakai, Chikaaki; and Karakawa, Tadashi, 4,533,359, Cl. 8-128.00R.

Sakai, Fumihide: *See—*
  Konishi, Masataka; Sakai, Fumihide; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,546,084, Cl. 435-253.000.

Sakai, Hirohiko: *See—*
  Kokubo, Ichiro; Kirihara, Shigeki; Sakai, Hirohiko; and Iwai, Masatoshi, 4,491,623, Cl. 428-658.000.

Sakai, Hiromu; Ezaki, Sazo; and Kikuchi, Atsuo, to Toyoda Gosei Co., Ltd. Method and apparatus for continuously producing a core member of a trim. 4,523,448, 6-18-85, Cl. 72-185.000.

Sakai, Hiroshi: *See—*
- Edamura, Kohji; Torii, Akio; Hattori, Katsuhide; and Sakai, Hiroshi, 4,543,136, Cl. 149-21.000.
- Edamura, Koji; Torii, Akio; Sato, Kazuyuki; and Sakai, Hiroshi, 4,543,137, Cl. 149-21.000.
- Hattori, Katsuhide; Fukatsu, Yoshiaki; and Sakai, Hiroshi, 4,554,032, Cl. 149-21.000.
- Matsui, Fumio; Aono, Shin; Sakai, Hiroshi; Hattori, Katsuhide; and Kakino, Shigeru, 4,511,414, Cl. 149-109.600.
- Takeuchi, Fumio; Takahashi, Masao; Hattori, Katsuhide; and Sakai, Hiroshi, 4,534,809, Cl. 149-3.000.
- Takeuchi, Fumio; Takahashi, Masao; and Sakai, Hiroshi, 4,547,234, Cl. 149-3.000.
- Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.

Sakai, Hiroyuki: *See—*
- Ohmi, Shigeaki; Shingaki, Seiichi; Sakai, Hiroyuki; and Asahara, Yoshiyuki, 4,525,189, Cl. 65-3.150.

Sakai, Hisashi: *See—*
- Motosugi, Takanori; Sakai, Hisashi; and Iiyama, Kiyotaka, 4,507,670, Cl. 346-208.000.

Sakai, Ichio: *See—*
- Numazawa, Akio; Sakai, Ichio; Kumagai, Tadanobu; and Nishikawa, Seiichi, 4,508,522, Cl. 464-11.000.

Sakai, Kango; and Nakano, Hirohumi, to Nippon Steel Corporation. Process and apparatus for the continuous electrolytic treatment of a metal strip using horizontal electrodes. 4,491,506, 1-1-85, Cl. 204-28.000.

Sakai, Katsuhide; and Matsui, Noboru, to Carl Freudenberg, Firma. Adhesive interlining. 4,548,860, 10-22-85, Cl. 428-290.000.

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Sakai, Katsuo, to Ricoh Company, Ltd. Recording apparatus. 4,544,935, 10-1-85, Cl. 346-155.000.

Sakai, Kazuaki; Sato, Tuneyasu; and Chiba, Kazuhiko, to Kawasaki Kasei Chemicals Ltd. Process for removing anthraquinone type scale. 4,561,935, 12-31-85, Cl. 162-30.100.

Sakai, Kazunori: *See—*
- Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, 4,497,057, Cl. 371-29.000.

Sakai, Kazuo: *See—*
- Akiba, Shigeyuki; Sakai, Kazuo; Utaka, Katsuyuki; and Matsushima, Yuichi, 4,506,367, Cl. 372-45.000.
- Akiba, Shigeyuki; Utaka, Katsuyuki; Sakai, Kazuo; and Matsushima, Yuichi, 4,553,239, Cl. 372-50.000.
- Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,502,950, Cl. 208-309.000.
- Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,514,287, Cl. 208-309.000.
- Ikematsu, Masaki; Honzyo, Isao; and Sakai, Kazuo, 4,525,269, Cl. 208-309.000.
- Utaka, Katsuyuki; Sakai, Kazuo; and Akiba, Shigeyuki, 4,516,243, Cl. 372-96.000.

Sakai, Kazushige: *See—*
- Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Sakai, Keijiro: *See—*
- Mutoh, Nobuyoshi; Sakai, Keijiro; Hattori, Motonobu; and Nagato, Yuichiro, 4,562,524, Cl. 363-41.000.

Sakai, Kenji, to Pilot Ink Co., Ltd. Writing instrument with movable closure. 4,533,272, 8-6-85, Cl. 401-107.000.

Sakai, Kiyoshi; Ishikawa, Shozo; Arita, Tetsuo; Mabuchi, Minoru; and Umehara, Shoji, to Canon Kabushiki Kaisha. Recording medium and process employing a photosensitive organic film. 4,501,808, 2-26-85, Cl. 430-59.000.

Sakai, Kiyoshi: *See—*
- Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, 4,500,619, Cl. 430-59.000.
- Ishikawa, Shozo; Sakai, Kiyoshi; Mabuchi, Minoru; Watanabe, Katsunori; and Kitahara, Makoto, 4,554,231, Cl. 430-59.000.
- Okazaki, Hideo; Imagome, Hiroshi; Suzuka, Susumu; and Sakai, Kiyoshi, 4,521,605, Cl. 548-440.000.

Sakai, Koichi, to Toko, Inc. Variable impedance circuit. 4,517,508, 5-14-85, Cl. 323-352.000.

Sakai, Koichi, to Toko Kabushiki Kaisha. Non-linear integration circuit. 4,546,274, 10-8-85, Cl. 307-494.000.

Sakai, Koichi: *See—*
- Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,515,557, Cl. 431-302.000.
- Nishikawa, Hideo; Okamoto, Kenzo; Sakai, Koichi; and Kitada, Fumihiko, 4,556,045, Cl. 126-96.000.

Sakai, Kouichi: *See—*
- Ogawa, Yoshinari; Sakai, Kouichi; and Akagi, Noriyuki, 4,506,043, Cl. 523-523.000.

Sakai, Kouzou: *See—*
- Goto, Takaharu; Sato, Takeshi; Sakai, Kouzou; and Ii, Motohiko, 4,547,223, Cl. 106-90.000.

Sakai, Kunikazu; Tunemoto, Daiei; Kobori, Takeo; and Kondo, Kiyosi, to Lederle (Japan), Ltd. Method for preparing 5-mercapto-1,2,3-thiadiazole salts. 4,540,794, 9-10-85, Cl. 548-127.000.

Sakai, Makiko, to Shionogi & Co., Ltd. Process for preparing indoles. 4,506,079, 3-19-85, Cl. 548-503.000.

Sakai, Masaaki; Sato, Kenji; and Yamagata, Seiichi, to Toray Industries, Inc. Artificial fur with guard hair fibers and under fur fibers. 4,546,020, 10-8-85, Cl. 428-16.000.

Sakai, Masanori: *See—*
- Katsumoto, Naoaki; Ohshiro, Hideyuki; and Sakai, Masanori, 4,538,856, Cl. 297-367.000.

Sakai, Masao; Suzuki, Yasuhiko; and Sugimoto, Makoto, to NGK Spark Plug Co., Ltd. Resistor composition for resistor-incorporated spark plugs. 4,504,411, 3-12-85, Cl. 252-506.000.

Sakai, Masayuki: *See—*
- Watanabe, Toshimitu; Sakai, Masayuki; Minami, Kazutoshi; and Takumi, Shigeji, 4,512,239, Cl. 98-2.030.

Sakai, Mitsugu: *See—*
- Namba, Akihiro; and Sakai, Mitsugu, 4,494,549, Cl. 128-660.000.

Sakai, Nobuo; Okazaki, Masaki; and Inagaki, Yoshio, to Fuji Photo Film Co., Ltd. Color photographic light-sensitive material. 4,555,479, 11-26-85, Cl. 430-372.000.

Sakai, Nobuo: *See—*
- Yoshida, Yoshinobu; Sakai, Nobuo; and Ishikawa, Takatoshi, 4,504,577, Cl. 430-564.000.

Sakai, Sai, to New Cosmos Electric Co., Ltd. Gas sensor. 4,509,034, 4-2-85, Cl. 338-34.000.

Sakai, Sai, to New Cosmos Electric Co., Ltd. Alkane gas sensor comprising tin oxide semiconductor with large surface area. 4,535,315, 8-13-85, Cl. 338-34.000.

Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, to Hitachi, Ltd.; and Shikoku Electric Power Company, Inc. Method and apparatus for diagnosing oil-filled electric apparatus. 4,502,320, 3-5-85, Cl. 73-23.000.

Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, to Canon Kabushiki Kaisha. Automatic focusing optical apparatus. 4,491,403, 1-1-85, Cl. 354-409.000.

Sakai, Shinji; Shinoda, Nobuhiko; Kinoshita, Takao; Hosoe, Kazuya; and Kawabata, Takashi, to Canon Kabushiki Kaisha. Focusing state discriminating system. 4,496,832, 1-29-85, Cl. 250-201.000.

Sakai, Shinji; and Kawabata, Takashi, to Canon Kabushiki Kaisha. Automatic focusing device. 4,509,841, 4-9-85, Cl. 354-400.000.

Sakai, Shinji; Harada, Yoshihito; Ishizaki, Akira; and Kawabata, Takashi, to Canon Kabushiki Kaisha. Automatic focus control system. 4,538,892, 9-3-85, Cl. 354-402.000.

Sakai, Shinji; and Kawabata, Takashi, to Canon Kabushiki Kaisha. Signal circuit for an automatic focusing lens. 4,545,664, 10-8-85, Cl. 354-400.000.

Sakai, Shinji; Kawabata, Takashi; and Harada, Yoshihito, to Canon Kabushiki Kaisha. Apparatus for detecting the amount of movement of a member to be controlled. 4,554,674, 11-19-85, Cl. 377-17.000.

Sakai, Shinji: *See—*
- Kawabata, Takashi; Shinoda, Nobuhiko; and Sakai, Shinji, 4,522,480, Cl. 354-468.000.
- Kinoshita, Takao; and Sakai, Shinji, 4,513,313, Cl. 358-44.000.
- Kitagishi, Nozomu; Suzuki, Kenji; and Sakai, Shinji, 4,536,073, Cl. 354-406.000.
- Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, 4,547,663, Cl. 250-201.000.
- Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, 4,519,685, Cl. 354-154.000.

Sakai, Shinzo: *See—*
- Nishikawa, Masao; Aoki, Takashi; Sakai, Shinzo; and Yoshizawa, Hiroshi, 4,516,671, Cl. 192-.076.

Sakai, Shinzou: *See—*
- Nishikawa, Masao; and Sakai, Shinzou, 4,548,307, Cl. 192-0.076.

Sakai, Shiro; and Ebisawa, Etsuo, to Sakai, Shiro; and Sakai, Sumiko. Process for preparing mustard flour. 4,496,598, 1-29-85, Cl. 426-417.000.

Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, to Murata Kikai Kabushiki Kaisha. Method of guiding yarn end in air spinning apparatus. 4,517,794, 5-21-85, Cl. 57-304.000.

Sakai, Shoji; Fujiwara, Michiaki; Kubota, Nobunori; and Noda, Koshi, to Murata Kikai Kabushiki Kaisha. Draft device. 4,538,329, 9-3-85, Cl. 19-244.000.

Sakai, Shoji: *See—*
- Nakahara, Teiji; Sakai, Shoji; Noda, Koshi; Fujiwara, Michiaki; and Kubota, Nobunori, 4,535,944, Cl. 242-35.50A.

Sakai, Shojo; Kato, Hisaaki; Samoto, Yoshihiko; and Inada, Kenichi, to Murata Kikai Kabushiki Kaisha. Method and apparatus for analysis of information about yarn eveness. 4,491,831, 1-1-85, Cl. 340-677.000.

Sakai, Shuzo: *See—*
- Miyake, Toshio; Sakai, Shuzo; and Shibuya, Takashi, 4,521,252, Cl. 127-46.300.

Sakai, Souichi: *See—*
- Yamano, Masaru; Nagaoka, Isao; Kuwano, Yukinori; Kawada, Hiroshi; and Sakai, Souichi, 4,542,578, Cl. 29-572.000.

Sakai, Sumiko: *See—*
- Sakai, Shiro; and Ebisawa, Etsuo, 4,496,598, Cl. 426-417.000.

Sakai, Takaaki, to Osaka Soda Co. Ltd. Sea water antifouling method. 4,513,029, 4-23-85, Cl. 427-204.000.

Sakai, Takamasa, to Clarion Co., Ltd. Variable capacitor with single depletion layer. 4,529,994, 7-16-85, Cl. 357-14.000.

Sakai, Takamasa; and Minagawa, Shoichi, to Clarion Co., Ltd. Variable capacitance device. 4,529,995, 7-16-85, Cl. 357-14.000.

Sakai, Takami, to Tokyo Shibaura Denki Kabushiki Kaisha. Power conversion equipment. 4,517,634, 5-14-85, Cl. 363-35.000.

Sakai, Takami: *See—*
- Inokuchi, Haruhisa; and Sakai, Takami, 4,494,179, Cl. 363-35.000.
- Inokuchi, Haruhisa; and Sakai, Takami, 4,543,492, Cl. 307-82.000.

Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, to Agency of Industrial Science and Technology. Metalhydride container and metal hydride heat storage system. 4,510,759, 4-16-85, Cl. 62-48.000.

Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, to Agency of Industrial Science and Technology. Metal hydride container and metal hydride heat storage system. 4,548,044, 10-22-85, Cl. 62-48.000.

Sakai, Takayoshi; Sano, Shinji; and Matsumoto, Koji, to Yamazaki Machinery Works, Ltd. Method of controlling indexing of magazine pockets in machining center. 4,528,633, 7-9-85, Cl. 364-474.000.

Sakai, Takayoshi; Mizoguchi, Kiyohisa; and Hayakawa, Masazumi, to Yamazaki Machinery Works, Ltd. Modification of machining program in a numerical control machine tool. 4,539,634, 9-3-85, Cl. 364-167.000.

Sakai, Takayoshi: *See—*
- Iguchi, Hideaki; Sakai, Takayoshi; and Onashi, Hajime, 4,561,050, Cl. 364-167.000.

Sakai, Takeshi: *See—*
- Fujimoto, Michitaro; Ohde, Hironori; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,520,201, Cl. 548-342.000.
- Fujimoto, Michitaro; Funazo, Giichi; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,560,764, Cl. 548-190.000.

Sakai, Takuo: *See—*
- Kawamura, Yasuo; Nishiyama, Tadashi; Itoh, Tomiyoshi; and Sakai, Takuo, 4,521,406, Cl. 424-94.000.

Sakai, Tatsuo, to Fuji Jukogyo Kabushiki Kaisha. Intake passages in cylinder heads of an opposed six-cylinder engine. 4,537,163, 8-27-85, Cl. 123-52.0MC.

Sakai, Tatsuo, to Fuji Jukogyo Kabushiki Kaisha. Intake and exhaust passages in cylinder heads of an opposed-cylinder engine. 4,541,370, 9-17-85, Cl. 123-56.0AC.

Sakai, Tetsushi; Kobayasi, Yoshizi; Yamauchi, Hironori; and Arita, Yoshinobu, to Nippon Telegraph & Telephone Public Corporation. Bipolar transistors having vertically arrayed collector-base-emitter with novel polycrystalline base electrode surrounding island emitter and method of making same. 4,531,282, 7-30-85, Cl. 29-578.000.

Sakai, Tokuji: *See—*
- Onodera, Tamio; Sakai, Tokuji; Yamasaki, Yasuo; and Sumitani, Koji, 4,524,055, Cl. 423-328.000.
- Sumitani, Koji; Sakai, Tokuji; Yamasaki, Yasuo; and Onodera, Tamio, 4,557,919, Cl. 423-329.000.

Sakai, Tomio: *See—*
- Nishiwaki, Kenichiro; Sakai, Tomio; and Ohkubo, Takashi, 4,508,885, Cl. 526-318.000.

Sakai, Tomohiko: *See—*
- Fujiwara, Koichi; Sakai, Tomohiko; Yamada, Yoneo; and Higashine, Kazutaka, 4,493,739, Cl. 148-111.000.

Sakai, Tomoo: *See—*
- Uchino, Kenju; and Sakai, Tomoo, 4,553,329, Cl. 33-147.00T.

Sakai, Toshihide: *See—*
- Watanabe, Masaru; Sakai, Toshihide; and Takase, Toshio, 4,517,882, Cl. 98-6.000.

Sakai, Toshiyasu; Hara, Masahiro; and Teraura, Nobuyuki, to Nippondenso Co., Ltd. Optical reading apparatus having a reading sensor of electronic scanning type. 4,538,060, 8-27-85, Cl. 235-472.000.

Sakai, Toshiyasu: *See—*
- Hara, Masahiro; Okamoto, Atsutoshi; and Sakai, Toshiyasu, 4,516,017, Cl. 235-472.000.
- Hara, Masahiro; and Sakai, Toshiyasu, 4,528,444, Cl. 235-462.000.

Sakai, Toshiyuki; Ohta, Yuichi; Minoh, Michihiko; and Hino, Masatoshi. Analog-to-digital image signal conversion. 4,525,747, 6-25-85, Cl. 358-284.000.

Sakai, Yoshiki; Imaki, Katsuhiro; and Muryobayashi, Takashi, to Ono Pharmaceutical Co., Ltd. Use of prostaglandin analogues to treat cytodamage. 4,503,068, 3-5-85, Cl. 514-412.000.

Sakai, Yoshio: *See—*
- Nagasawa, Kouichi; Ikeda, Shuji; Suzuki, Norio; and Sakai, Yoshio, 4,549,340, Cl. 29-571.000.
- Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, 4,492,974, Cl. 357-23.000.

Sakai, Yoshiya: *See—*
- Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, 4,510,374, Cl. 219-146.100.

Sakai, Yuhichi: *See—*
- Yamura, Hitoo; Ikeda, Kakuro; and Sakai, Yuhichi, 4,556,202, Cl. 266-242.000.

Sakai, Yukio: *See—*
- Tanaka, Toru; Hataya, Masanori; Tanaka, Kazuo; Sakai, Yukio; and Hamada, Yasufumi, 4,500,730, Cl. 562-416.000.

Sakaino, Michio; Igarashi, Hisashi; and Taniguchi, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for facilitating engine starting. 4,495,904, 1-29-85, Cl. 123-179.00G.

Sakairi, Tadashi: *See—*
- Kenmochi, Kazuei; Sakairi, Tadashi; Maruyama, Yoshio; and Itemadani, Eizi, 4,519,761, Cl. 425-135.000.
- Maeda, Nobuhisa; Sakairi, Tadashi; and Wakahata, Tamotsu, 4,524,160, Cl. 523-200.000.

Sakaji, Richard H.: *See—*
- Daughton, Christian G.; and Sakaji, Richard H., 4,506,987, Cl. 366-160.000.

Sakaki, Hirokazu: *See—*
- Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, 4,547,274, Cl. 204-129.400.

Sakaki, Hiroshi: *See—*
- Yamada, Kazuo; and Sakaki, Hiroshi, 4,504,223, Cl. 432-225.000.

Sakaki, Hiroyuki; Tanoue, Tomonori; and Nojiri, Hidetoshi, to Canon Kabushiki Kaisha; and Sakaki, Hiroyuki. Method of obtaining an impact ionization coefficient rate by junction of different kinds of semiconductors. 4,553,317, 11-19-85, Cl. 29-572.000.

Sakaki, Masakatsu; and Hiraga, Masaharu, to Sanden Corporation. Axial sealing device for a scroll-type fluid displacement apparatus. 4,540,355, 9-10-85, Cl. 418-55.000.

Sakaki, Masayuki: *See—*
- Tanigaki, Shuzo; Yasuda, Tomio; and Sakaki, Masayuki, 4,547,769, Cl. 340-626.000.
- Tanigaki, Shuzo; and Sakaki, Masayuki, 4,553,139, Cl. 340-626.000.

Sakaki, Yasuo: *See—*
- Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,504,185, Cl. 414-700.000.
- Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,534,268, Cl. 91-6.000.

Sakakibara, Hidekazu: *See—*
- Kakino, Shigeru; Hattori, Katsuhide; Fukatsu, Yoshiaki; Moriyama, Hideo; and Sakakibara, Hidekazu, 4,511,412, Cl. 149-109.600.

Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, to Toyo Jozo Kabushiki Kaisha. Antibiotic acmimycin and its production. 4,517,296, 5-14-85, Cl. 435-119.000.

Sakakibara, Hideo: *See—*
- Fujiwara, Tatsuro; Watanabe, Hideyuki; Hirano, Takao; and Sakakibara, Hideo, 4,515,941, Cl. 536-7.100.

Sakakibara, Kazuo; Shimogawa, Toshiaki; Kato, Masahiko; and Matsuoka, Fumio, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Seat belt retractor of automobile. 4,561,606, 12-31-85, Cl. 242-107.000.

Sakakibara, Kazuo: *See—*
- Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, 4,546,934, Cl. 242-107.000.

Sakakibara, Kenji, to Brother Kogyo Kabushiki Kaisha. Method of controlling a stepping motor. 4,536,691, 8-20-85, Cl. 318-696.000.

Sakakibara, Kuniyoshi, to Rinnai Corporation. Safety device for fan heater. 4,543,056, 9-24-85, Cl. 431-76.000.

Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, to Bridgestone Tire Company Limited; and Japan Synthetic Rubber Co., Ltd. Rubber compositions. 4,515,922, 5-7-85, Cl. 525-99.000.

Sakakibara, Mitsuhiko: *See—*
- Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.

Sakakibara, Naoji; Amano, Hiroyuki; Morioka, Hiroaki; and Kawata, Shoji, to Aisin Seiki Kabushiki Kaisha. Actuator. 4,559,864, 12-24-85, Cl. 91-454.000.

Sakakibara, Naoji: *See—*
- Amano, Hiroyuki; and Sakakibara, Naoji, 4,504,756, Cl. 310-168.000.
- Hamajima, Shigemitsu; Nishimura, Tomoaki; Sakakibara, Naoji; and Kawata, Shoji, 4,499,542, Cl. 364-424.100.
- Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, 4,553,209, Cl. 364-431.070.
- Hyodo, Hitoshi; Sakakibara, Naoji; and Kawata, Shoji, 4,553,621, Cl. 180-179.000.
- Hyodo, Hitoshi; and Sakakibara, Naoji, 4,556,861, Cl. 340-62.000.
- Morioka, Hiroaki; and Sakakibara, Naoji, 4,545,563, Cl. 251-298.000.

Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, to House Food Industrial Company Limited; and Yamato Scale Company, Limited. Combination weighing machine. 4,561,509, 12-31-85, Cl. 177-25.000.

Sakakibara, Shigemi, to Toyota Jidosha Kabushiki Kaisha. Attachment of sealing boot in disc brake assembly. 4,557,354, 12-10-85, Cl. 188-73.450.

Sakakibara, Shigemi: *See—*
- Nomura, Yoshihisa; Katagiri, Masayoshi; and Sakakibara, Shigemi, 4,548,093, Cl. 74-512.000.

Sakakibara, Shinsuke: *See—*
- Inaba, Hajimu; Sakakibara, Shinsuke; Inagaki, Shigemi; and Torii, Nobutoshi, 4,495,453, Cl. 318-568.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,504,771, Cl. 318-561.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,511,985, Cl. 364-513.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,530,062, Cl. 364-513.000.
- Inaba, Hajimu; Sakakibara, Shinsuke; and Nihei, Ryo, 4,530,636, Cl. 414-730.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,543,639, Cl. 364-513.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,549,276, Cl. 364-513.000.
- Inaba, Hajimu; and Sakakibara, Shinsuke, 4,555,758, Cl. 364-174.000.

Inaba, Hajimu; Sakakibara, Shinsuke; and Nihei, Ryo, 4,562,551, Cl. 364-513.000.

Sakakibara, Shiro; and Kawamoto, Mutsumi, to Aisin Warner Kabushiki Kaisha. Stepless automatic transmission for motor vehicles. 4,526,061, 7-2-85, Cl. 74-689.000.

Sakakibara, Shiro; and Kawamoto, Mutsumi, to Aisin Warner Kabushiki Kaisha. Stepless automatic transmission for motor vehicles. 4,526,062, 7-2-85, Cl. 74-689.000.

Sakakibara, Shiro, to Aisin-Warner Limited. V-Belt type stepless transmission. 4,541,820, 9-17-85, Cl. 474-17.000.

Sakakibara, Shiro, to Aisin-Warner Limited. V-Belt type stepless transmission. 4,541,821, 9-17-85, Cl. 474-17.000.

Sakakibara, Shiro; and Hayakawa, Yoichi, to Aisin Warner Kabushiki Kaisha. Power transmission endless belt. 4,545,779, 10-8-85, Cl. 474-240.000.

Sakakibara, Shiro, to Aisin Warner Kabushiki Kaisha. Belt drive continuously-variable speed automatic transmission. 4,549,447, 10-29-85, Cl. 74-689.000.

Sakakibara, Shiro, to Aisin-Warner Limited. Stepless automatic transmission for motor vehicles. 4,559,850, 12-24-85, Cl. 74-868.000.

Sakakibara, Shiro: *See*—

Wayman, Robert W.; Kawamoto, Mutsumi; and Sakakibara, Shiro, 4,548,099, Cl. 74-689.000.

Yokoyama, Shoji; and Sakakibara, Shiro, 4,534,243, Cl. 74-868.000.

Sakakibara, Shuji: *See*—

Kaji, Yasumasa; Isomura, Shigenori; Harada, Takashi, and Sakakibara, Shuji, 4,517,948, Cl. 123-489.000.

Sakakibara, Shumpei; Yugari, Yasumi; and Hashimoto, Shigebumi, to Ajinomoto Co., Inc. Amino acid derivatives and antihypertensive drugs containing them. 4,536,395, 8-20-85, Cl. 514-7.000.

Sakakibara, Shuzi: *See*—

Inaba, Hideaki; and Sakakibara, Shuzi, 4,517,015, Cl. 75-12.000.

Sakakibara, Takao: *See*—

Kokubu, Sadao; Hirano, Masatoshi; and Sakakibara, Takao, 4,555,743, Cl. 361-196.000.

Sakakibara, Takashi: *See*—

Mori, Shuichi; Fukatsu, Yasumasa; and Sakakibara, Takashi, 4,553,257, Cl. 381-57.000.

Sakakibara, Tatsuo: *See*—

Ban, Keisuke; Arai, Takeo; Sakakibara, Tatsuo; and Miyake, Noriaki, 4,506,721, Cl. 164-97.000.

Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, 4,548,126, Cl. 92-213.000.

Sakakibara, Toshimitsu: *See*—

Takawashi, Tamio; Sakakibara, Toshimitsu; and Yamada, Shigeo, 4,554,428, Cl. 219-69.00G.

Sakakibara, Toshimori: *See*—

Sugimori, Masaru; Sanji, Koichiro; Tomoyasu, Hirohide; and Sakakibara, Toshimori, 4,501,853, Cl. 525-122.000.

Sakakibara, Yasuji: *See*—

Yoneda, Takao; and Sakakibara, Yasuji, 4,502,125, Cl. 364-474.000.

Yoneda, Takao; and Sakakibara, Yasuji, 4,510,719, Cl. 51-289.00R.

Sakakibara, Yasushi: *See*—

Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, 4,561,096, Cl. 372-46.000.

Sakakibara, Yasuyuki: *See*—

Abe, Seiko; Sakakibara, Yasuyuki; Tomita, Masahiro; and Shinoda, Kazuo, 4,553,059, Cl. 310-328.000.

Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, 4,499,878, Cl. 123-478.000.

Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,529,164, Cl. 251-129.000.

Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, 4,535,743, Cl. 123-472.000.

Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, 4,546,749, Cl. 123-506.000.

Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,550,744, Cl. 137-80.000.

Sakakihara, Masahiko; Hasegawa, Kenzi; and Iwama, Akira, to Hitachi Metals, Ltd.; and Hitachi, Ltd. Non-magnetic substrate material. 4,540,638, 9-10-85, Cl. 428-693.000.

Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha. Electromagnetic clutch control system for automobiles. 4,494,641, 1-22-85, Cl. 192-0.076.

Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha; and Fuji Jukogyo Kabushiki Kaisha. System for regulating the idle speed of an internal combustion engine. 4,510,903, 4-16-85, Cl. 123-339.000.

Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha. System for controlling stall speed for an electromagnetic clutch. 4,550,816, 11-5-85, Cl. 192-0.052.

Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha. System for controlling a power transmission of a four-wheel drive vehicle. 4,558,414, 12-10-85, Cl. 364-424.100.

Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha. System for controlling a power transmission of a four-wheel drive vehicle. 4,562,541, 12-31-85, Cl. 364-424.100.

Sakakiyama, Ryuzo: *See*—

Takano, Toshio; and Sakakiyama, Ryuzo, 4,494,639, Cl. 192-0.052.

Takano, Toshio; and Sakakiyama, Ryuzo, 4,515,257, Cl. 192-0.075.

Sakakura, Kazuaki: *See*—

Fukushima, Nobuo; Kitagawa, Yoshihiko; Okumura, Takuzo; and Sakakura, Kazuaki, 4,522,955, Cl. 521-143.000.

Sakamaki, Hiroshi; and Suzuki, Yukio, to Nippon Piston Ring Co., Ltd. Vane-type compressor. 4,498,853, 2-12-85, Cl. 418-268.000.

Sakamaki, Hiroshi; Horikoshi, Yukio; and Yanagihashi, Kikuji, to Nippon Piston Ring Co., Ltd. Rotary-sleeve bearing apparatus for rotary compressor. 4,514,156, 4-30-85, Cl. 418-173.000.

Sakamaki, Hiroshi; and Horikoshi, Yukio, to Nippon Piston Ring Co., Ltd. Vane-type rotary pump having two-piece side housings. 4,545,749, 10-8-85, Cl. 418-173.000.

Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, to Nippon Piston Ring Co., Ltd. Rotary compressor housing. 4,548,558, 10-22-85, Cl. 418-83.000.

Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, to Nippon Piston Ring Co., Ltd. Method of manufacturing a rotor for a rotary fluid pump. 4,551,896, 11-12-85, Cl. 29-156.40R.

Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, to Nippon Piston Ring Kabushiki Kaisha. Floating rotary sleeve of a rotary compressor. 4,561,835, 12-31-85, Cl. 418-173.000.

Sakamaki, Hisashi: *See*—

Komiya, Yutaka; Murakami, Katsumi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, 4,557,587, Cl. 355-14.00C.

Masuda, Shunichi; Shimizu, Katsuichi; Yagasaki, Toshiaki; and Sakamaki, Hisashi, 4,530,063, Cl. 364-518.000.

Tachika, Tetsuji; Sakamaki, Hisashi; and Hattori, Hiroyuki, 4,494,861, Cl. 355-14.00R.

Tomosada, Masahiro; Maeshima, Katsuyoshi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, 4,552,450, Cl. 355-14.00R.

Sakamoto, Akio: *See*—

Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Sakamoto, Akira: *See*—

Yamada, Muneki; and Sakamoto, Akira, 4,528,219, Cl. 428-35.000.

Sakamoto, Atsushi: *See*—

Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, 4,521,908, Cl. 381-92.000.

Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, 4,559,642, Cl. 381-92.000.

Sakamoto, Eiichi; Kawasaki, Mikio; Ono, Kouji; Fukuoji, Kakujulo; and Fujimori, Noboru, to Konishiroku Photo Industry Co., Ltd. Radiographic image forming process. 4,500,631, 2-19-85, Cl. 430-413.000.

Sakamoto, Fukuma: *See*—

Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, 4,529,263, Cl. 350-96.200.

Sakamoto, Fumimaro: *See*—

Abe, Shuji; Abe, Tatsumi; and Sakamoto, Fumimaro, 4,556,380, Cl. 425-188.000.

Sakamoto, Hideshi: *See*—

Fujishita, Kusuo; and Sakamoto, Hideshi, 4,560,734, Cl. 526-142.000.

Sakamoto, Hiroshi; Inaba, Norihiko; and Taniguchi, Keishi, to Ricoh Company, Ltd. Thermosensitive recording material. 4,506,278, 3-19-85, Cl. 346-216.000.

Sakamoto, Hiroshi; Koseki, Yoshihiro; Motosugi, Takanori; and Inaba, Norihiko, to Ricoh Company, Ltd. Thermosensitive recording sheet. 4,507,669, 3-26-85, Cl. 346-207.000.

Sakamoto, Hiroshi: *See*—

Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Sakamoto, Hisashi: *See*—

Hidaka, Toshiyuki; Sakamoto, Hisashi; Fukuhara, Toshiaki; Fujieda, Sadao; and Misawa, Yutaka, 4,540,603, Cl. 427-82.000.

Sakamoto, Hitoshi; Sakagami, Seiji; and Nagashima, Shigeru, to Mitutoyo Mfg. Co., Ltd. Seal device in displacement measuring instrument. 4,500,097, 2-19-85, Cl. 277-59.000.

Sakamoto, Hitoshi, to Sony Corporation. Method and apparatus for tracking control. 4,549,234, 10-22-85, Cl. 360-10.200.

Sakamoto, Hitoshi, to Sony Corporation. Apparatus for reproducing video signals. 4,549,235, 10-22-85, Cl. 360-10.200.

Sakamoto, Izumi; and Takagi, Kunihiko, to Unitika Ltd. Anti-cancer device. 4,536,387, 8-20-85, Cl. 424-14.000.

Sakamoto, Izumi; and Takagi, Kunihiko, to Unitika Ltd. Urethral catheter capable of preventing urinary tract infection and process for producing the same. 4,539,234, 9-3-85, Cl. 427-393.500.

Sakamoto, Junichi; Fujimoto, Hiroshi; and Miyake, Hideo, to Toyo Boseki Kabushiki Kaisha. Curable resin composition. 4,551,215, 11-5-85, Cl. 204-159.230.

Sakamoto, Junichi: *See*—

Horikoshi, Hiroshi; Arai, Akio; Tsukagoshi, Sadayuki; and Sakamoto, Junichi, 4,515,365, Cl. 273-25.000.

Sakamoto, Junji; and Kishi, Hiroyasu, to Sanyo Electric Co., Ltd.; and Tokyo Sanyo Electric Co., Ltd. Noise detecting circuit and television receiver employing the same. 4,496,978, 1-29-85, Cl. 358-155.000.

Sakamoto, Junshin; and Shinohara, Shigeru, to Hitachi Koki Co., Ltd. Circuit arrangement for electrical tool with clutch. 4,556,831, 12-3-85, Cl. 318-434.000.

Sakamoto, Katsuji: *See*—

Toda, Yuichi; Sakamoto, Katsuji; Tanaka, Shigeru; and Kameo, Yuji, 4,549,391, Cl. 57-13.000.

Sakamoto, Katsuyoshi, to Amada Company, Limited. Punch press having retractable punching tools. 4,558,616, 12-17-85, Cl. 83-399.000.

- Sakamoto, Kazuhiko: *See—*
  - Imazaki, Hideyuki; and Sakamoto, Kazuhiko, 4,526,932, Cl. 525-326.700.
- Sakamoto, Kazuho, to Matsushita Electric Industrial Co., Ltd. Electronic digital timer. 4,504,716, 3-12-85, Cl. 219-10.55B.
- Sakamoto, Kazunori: *See—*
  - Nakanishi, Yasuo; Sakamoto, Kazunori; Ando, Giichi; and Watanabe, Teruoki, 4,519,854, Cl. 148-127.000.
- Sakamoto, Kazuo: *See—*
  - Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, 4,495,312, Cl. 523-105.000.
- Sakamoto, Kazushi; Okamoto, Tetsuro; and Okutani, Shigeaki, to Fujitsu Limited. Data processing system for parallel processing of different instructions. 4,507,728, 3-26-85, Cl. 364-200.000.
- Sakamoto, Keiji; and Toyozawa, Yukio, to Fanuc Ltd. Apparatus for processing energy regenerated by an AC motor. 4,521,724, 6-4-85, Cl. 318-762.000.
- Sakamoto, Keiji; and Seki, Shinji, to Fanuc Ltd. Synchronous motor drive apparatus. 4,547,719, 10-15-85, Cl. 318-723.000.
- Sakamoto, Kenichi: *See—*
  - Suyama, Satoshi; Uehira, Kiyotaka; Sanpei, Kenji; Sakamoto, Kenichi; and Nakagawa, Koichiro, 4,539,613, Cl. 360-99.000.
- Sakamoto, Kenji: *See—*
  - Ito, Jiro; Kitano, Masuo; and Sakamoto, Kenji, 4,491,424, Cl. 368-157.000.
- Sakamoto, Kenshi: *See—*
  - Narimatsu, Hiroki; Sakamoto, Kenshi; Edayoshi, Tomoko; and Kubota, Hayato, 4,560,560, Cl. 426-38.000.
- Sakamoto, Kiichiro: *See—*
  - Tamura, Kaoru; and Sakamoto, Kiichiro, 4,540,167, Cl. 271-11.000.
- Sakamoto, Kiyoshi: *See—*
  - Deguchi, Yutaka; Kouzuki, Rikuzou; Iinuma, Daiwa; Shiraki, Kenhachi; Sakamoto, Kiyoshi; Tsuboi, Kunio; and Shibata, Yoshitaka, 4,531,823, Cl. 355-3.00R.
- Sakamoto, Koichiro: *See—*
  - Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, 4,511,877, Cl. 338-2.000.
- Sakamoto, Koji: *See—*
  - Kaneko, Toshio; Sakamoto, Koji; Kanno, Fuchio; and Yasuda, Wataru, 4,561,381, Cl. 118-652.000.
  - Kanno, Fuchio; Sakamoto, Koji; Kobayashi, Kazuo; Yasuda, Wataru; and Ogiyama, Hiromi, 4,528,937, Cl. 118-657.000.
  - Kanno, Fuchio; Kaneko, Toshio; and Sakamoto, Koji, 4,538,898, Cl. 355-3.0DD.
- Sakamoto, Masafumi, to Japan Servo Co., Ltd. End bracket for motor. 4,499,391, 2-12-85, Cl. 310-89.000.
- Sakamoto, Masafumi, to Japan Servo Co., Ltd. Permanent magnet type stepping motor. 4,503,368, 3-5-85, Cl. 310-49.00R.
- Sakamoto, Masaharu: *See—*
  - Ishida, Kohji; and Sakamoto, Masaharu, 4,510,452, Cl. 328-144.000.
  - Ishida, Kohji; Numata, Tatsuo; and Sakamoto, Masaharu, 4,523,329, Cl. 381-3.000.
  - Ishida, Kohji; Numata, Tatsuo; and Sakamoto, Masaharu, 4,539,697, Cl. 381-7.000.
  - Kato, Kiichi; and Sakamoto, Masaharu, 4,545,651, Cl. 350-394.000.
  - Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, 4,495,407, Cl. 250-201.000.
  - Ohshima, Ken; and Sakamoto, Masaharu, 4,508,450, Cl. 356-237.000.
  - Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, 4,499,514, Cl. 360-97.000.
  - Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, 4,505,585, Cl. 356-237.000.
  - Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, 4,499,572, Cl. 369-111.000.
  - Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, 4,520,280, Cl. 307-358.000.
- Sakamoto, Masahide: *See—*
  - Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, 4,524,739, Cl. 123-339.000.
  - Kashiwaya, Mineo; Morita, Kiyomi; and Sakamoto, Masahide, 4,528,964, Cl. 123-492.000.
- Sakamoto, Masahiro: *See—*
  - Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.
- Sakamoto, Masakatsu: *See—*
  - Saito, Makoto; Sakamoto, Masakatsu; Uchida, Kenji; and Kamino, Yukishige, 4,536,131, Cl. 417-102.000.
  - Uchida, Kenji; Sakamoto, Masakatsu; Saito, Makoto; Kamino, Yukishige; and Miyadera, Hiroshi, 4,547,132, Cl. 417-63.000.
- Sakamoto, Masanori: *See—*
  - Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, 4,534,622, Cl. 350-334.000.
  - Jinda, Takuma; Matsuda, Toshikazu, and Sakamoto, Masanori, 4,530,993, Cl. 528-353.000.
  - Miyamura, Masataka; Sakamoto, Masanori; and Nakajima, Yuko, 4,537,826, Cl. 428-328.000.
- Sakamoto, Masayoshi: *See—*
  - Hosono, Toshio; Sakamoto, Masayoshi; and Ema, Shozo, 4,507,694, Cl. 360-90.000.
- Sakamoto, Mineo: *See—*
  - Muraoka, Shigetaro; and Sakamoto, Mineo, 4,493,101, Cl. 381-93.000.
- Sakamoto, Minoru. Cooling attachment for solar distiller. 4,498,959, 2-12-85, Cl. 202-185.20A.
- Sakamoto, Naojiro: *See—*
  - Kuwajima, Soichi; and Sakamoto, Naojiro, 4,522,719, Cl. 210-457.000.
- Sakamoto, Noboru: *See—*
  - Miyashita, Tsuneo; Sakamoto, Noboru; and Fukuyo, Hiroshi, 4,504,306, Cl. 75-3.000.
- Sakamoto, Ryuji; and Yamazaki, Taro, to Toshiba Silicone Co., Ltd. Electroconductive silicone elastomer compositions. 4,552,688, 11-12-85, Cl. 252-511.000.
- Sakamoto, Seiichi; and Terauchi, Kiyoshi, to Sanden Corporation. Drive bearing device for a fluid displacement apparatus. 4,512,729, 4-23-85, Cl. 418-55.000.
- Sakamoto, Seiichi: *See—*
  - Iimori, Takayuki; Terauchi, Kiyoshi; and Sakamoto, Seiichi, 4,492,543, Cl. 418-55.000.
- Sakamoto, Seiya: *See—*
  - Ono, Yoshio; and Sakamoto, Seiya, 4,521,814, Cl. 358-296.000.
- Sakamoto, Shinichi: *See—*
  - Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,501,249, Cl. 123-478.000.
  - Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,522,178, Cl. 123-478.000.
  - Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, 4,523,284, Cl. 364-431.120.
  - Kimura, Kazuo; Taneda, Yukinori; Tsuyuki, Shinichi; Suzuki, Shun; Hashimoto, Yoshio; and Sakamoto, Shinichi, 4,520,965, Cl. 242-7.05B.
  - Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Sakamoto, Shinichiro, to Toyoda Koki Kabushiki Kaisha. Tool changer. 4,509,235, 4-9-85, Cl. 29-26.00A.
- Sakamoto, Susumu: *See—*
  - Nakane, Yasuaki; Akamatsu, Junichi; Sakamoto, Susumu; and Kiyomiya, Tadashi, 4,525,412, Cl. 428-199.000.
- Sakamoto, Takao; and Abe, Tadafumi, to Tachikawa Spring Co., Ltd. Carpet with fusion-cut through bore and its manufacture method. 4,521,473, 6-4-85, Cl. 428-82.000.
- Sakamoto, Takao, to Tachikawa Spring Co., Ltd. Lumbar support device. 4,550,949, 11-5-85, Cl. 297-284.000.
- Sakamoto, Takashi, to Dainippon Screen Seizo Kabushiki Kaisha. Picture outline tracing and recording machine. 4,498,109, 2-5-85, Cl. 358-296.000.
- Sakamoto, Takashi, to Dainippon Screen Seizo Kabushiki Kaisha. Linear interpolating method and color conversion apparatus using this method. 4,511,989, 4-16-85, Cl. 364-723.000.
- Sakamoto, Takashi, to Dainippon Screen Seizo Kabushiki Kaisha. Method and apparatus for positioning original pictures into a transparent sheet to be mounted to a picture cylinder of a picture reproducing machine. 4,535,365, 8-13-85, Cl. 358-287.000.
- Sakamoto, Takashi, to Dainippon Screen Seizo Kabushiki Kaisha. Method for producing halftone dots in a halftone plate recording apparatus. 4,543,613, 9-24-85, Cl. 358-298.000.
- Sakamoto, Takashi, to Dainippon Screen Seizo Kabushiki Kaisha. Method for scanning a plurality of scanning lines at the same time. 4,556,901, 12-3-85, Cl. 358-75.000.
- Sakamoto, Takashi; Sano, Tetsuo; Kodama, Eiji; and Choh, Masamichi, to Dainippon Screen Mfg. Co., Ltd. Method of tracing/recording image lines and apparatus therefor. 4,561,061, 12-24-85, Cl. 364-550.000.
- Sakamoto, Takashi: *See—*
  - Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, 4,514,646, Cl. 307-200.00B.
- Sakamoto, Takurou: *See—*
  - Kamatani, Yoshio; and Sakamoto, Takurou, 4,546,153, Cl. 525-453.000.
- Sakamoto, Teruhisa; and Nakamura, Shigeo, to Toyo Soda Manufacturing Co., Ltd. Process for producing methacrylic acid. 4,504,677, 3-12-85, Cl. 562-534.000.
- Sakamoto, Teruhisa; Ishida, Satoshi; Hironaka, Toshio; and Tsutsumi, Yukihiro, to Toyo Soda Manufacturing Co., Ltd. Process for preparation of alcohols by hydration of olefins. 4,528,410, 7-9-85, Cl. 568-897.000.
- Sakamoto, Tomio: *See—*
  - Fujioka, Yoshiharu; Onuki, Akio; and Sakamoto, Tomio, 4,509,084, Cl. 360-84.000.
- Sakamoto, Toshiharu: *See—*
  - Fujii, Hiroshi; and Sakamoto, Toshiharu, 4,513,696, Cl. 123-41.020.
- Sakamoto, Toshiyuki; and Wataya, Seiji, to Mitsubishi Denki Kabushiki Kaisha. Fuel control apparatus for an internal combustion engine. 4,512,314, 4-23-85, Cl. 123-459.000.
- Sakamoto, Tuneaki: *See—*
  - Tanaka, Shuji; Nakamura, Shigehira; Sakamoto, Tuneaki; Hirakata, Yoshiaki; and Yamagata, Tetsuo, 4,558,460, Cl. 381-86.000.

- Sakamoto, Yasuhiro; Saita, Koji; and Kojima, Akihiro, to Sony Corporation. Cathode ray tube with color selecting grill. 4,504,764, 3-12-85, Cl. 313-403.000.
- Sakamoto, Yoshisuke: *See—*
  - Sugizaki, Takashi; and Sakamoto, Yoshisuke, 4,509,661, Cl. 222-190.000.
- Sakamoto, Yoshiyuki; and Wataya, Seiji, to Mitsubishi Denki Kabushiki Kaisha. Fuel control apparatus for an internal combustion engine. 4,561,396, 12-31-85, Cl. 123-198.00E.
- Sakamoto, Yukio; and Tanabe, Takeshi, to Murata Manufacturing Co., Ltd. Multiple feedthrough-capacitor unit. 4,514,782, 4-30-85, Cl. 361-306.000.
- Sakamoto, Yukio; and Tanabe, Takeshi, to Murata Manufacturing Co., Ltd. Structure of the feed-through capacitor. 4,532,573, 7-30-85, Cl. 361-307.000.
- Sakamura, Yoshikazu; and Majima, Mitsue. Blind nut fastening method. 4,499,647, 2-19-85, Cl. 29-509.000.
- Sakamura, Yoshikazu. Former having continuous forming-rolling assembly. 4,546,630, 10-15-85, Cl. 72-68.000.
- Sakanaka, Yasuhiro: *See—*
  - Ariyoshi, Takashi; Emura, Noriaki; and Sakanaka, Yasuhiro, 4,511,679, Cl. 521-83.000.
  - Narui, Mamoru; Nakagawa, Tatsushi; and Sakanaka, Yasuhiro, 4,544,709, Cl. 525-344.000.
- Sakane, Hirobumi: *See—*
  - Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.
- Sakane, Kazuo: *See—*
  - Kamiya, Takashi; Tanaka, Kunihiko; Nakai, Yoshiharu; and Sakane, Kazuo, 4,560,765, Cl. 548-194.000.
  - Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, 4,495,182, Cl. 514-226.000.
  - Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, 4,521,413, Cl. 514-203.000.
  - Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, 4,550,102, Cl. 514-206.000.
- Sakane, Toshio: *See—*
  - Kinoshita, Takao; Kawabata, Takashi; Hosoe, Kazuya; Tsunekawa, Tokuichi; and Sakane, Toshio, 4,560,864, Cl. 250-201.000.
- Sakano, Hajime; Ito, Akitoshi; Yano, Motoichi; Honda, Yasuhiro; and Fujiwara, Takayoshi, to Sumitomo Naugatuck Co., Ltd. Thermoplastic resin composition. 4,554,316, 11-19-85, Cl. 525-71.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, to Mitsui Toatsu Kagaku Kabushiki Kaisha. Thiazole compounds, a process for preparing same and a pharmaceutical composition containing the thiazole compounds. 4,501,750, 2-26-85, Cl. 514-369.000.
- Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, to Mitsui Toatsu Kagaku Kabushiki Kaisha. N-(4-Phenyl-2-thiazolyl)carbamate derivatives. 4,511,574, 4-16-85, Cl. 514-371.000.
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- Sakano, Kozaburo: *See—*
  - Yazaki, Jinichi; and Sakano, Kozaburo, 4,511,610, Cl. 428-35.000.
  - Yazaki, Jinichi; Sakano, Kozaburo; and Matsuo, Junichi, 4,548,985, Cl. 525-65.000.
- Sakano, Riichi; and Ubakata, Tadayoshi, to Sanden Corporation. Control device for a variable displacement compressor in an air conditioning system. 4,498,311, 2-12-85, Cl. 62-227.000.
- Sakano, Tetsuro, to Fanuc Ltd. Speed detection apparatus and method. 4,503,374, 3-5-85, Cl. 318-616.000.
- Sakano, Tetsuro, to Fanuc Ltd. Speed control apparatus. 4,542,327, 9-17-85, Cl. 318-571.000.
- Sakano, Tomiaki: *See—*
  - Yamashita, Fumitoshi; and Sakano, Tomiaki, 4,504,543, Cl. 428-338.000.
- Sakano, Toshiyuki: *See—*
  - Sainen, Tsutomu; Sakano, Toshiyuki; Fujita, Yoshitaka; and Imai, Toshiki, 4,513,790, Cl. 139-110.000.
  - Sainen, Tsutomu; Fujita, Yoshitaka; Sakano, Toshiyuki; and Nakagawa, Toshio, 4,529,012, Cl. 139-105.000.
- Sakanoue, Akira: *See—*
  - Kita, Yasushi; Moroi, Shirou; Sakanoue, Akira; and Nakano, Hisaji, 4,500,678, Cl. 252-58.000.
  - Miyoshi, Takao; and Sakanoue, Akira, 4,508,761, Cl. 427-221.000.
  - Tsukuda, Hitoshi; and Sakanoue, Akira, 4,557,974, Cl. 428-407.000.
- Sakanoue, Kei; Yagihara, Morio; Ichijima, Seigi; and Nagao, Kimitoshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic material. 4,500,634, 2-19-85, Cl. 430-544.000.
- Sakanoue, Kei; and Aoki, Kozo, to Fuji Photo Film Co., Ltd. Silver halide color photographic materials. 4,513,079, 4-23-85, Cl. 430-502.000.
- Sakanoue, Kei: *See—*
  - Hirano, Shigeo; and Sakanoue, Kei, 4,501,898, Cl. 548-336.000.
- Sakao, Nobuo: *See—*
  - Kuraoka, Yasuo; and Sakao, Nobuo, 4,494,385, Cl. 62-306.000.
  - Kuraoka, Yasuo; and Sakao, Nobuo, 4,539,824, Cl. 62-380.000.
- Sakaoka, Gouji; and Ishikawa, Takashi, to Pentel Kabushiki Kaisha. Mechanical pencil. 4,521,126, 6-4-85, Cl. 401-65.000.
- Sakaoka, Hiromu: *See—*
  - Koyanagi, Takahiro; and Sakaoka, Hiromu, 4,517,940, Cl. 123-198.00E.
  - Yabumoto, Toshio; Sakaoka, Hiromu; and Nakajima, Koji, 4,548,173, Cl. 123-308.000.
- Sakash, George; Grier, Robert K., Jr.; Stern, Hansjoerg; Dada, Abdul G.; and McKeel, Daniel W., to General Electric Company. Incinerator ash removal systems. 4,534,301, 8-13-85, Cl. 110-255.000.
- Sakashita Co., Ltd.: *See—*
  - Okada, Hozuma, 4,530,873, Cl. 428-253.000.
- Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, to Eisai Co., Ltd. Process for sealing body and cap of gelatin hard capsule and apparatus therefor. 4,510,168, 4-9-85, Cl. 427-3.000.
- Sakashita, Shigeru; Nakagawa, Takeshi; Ohwaki, Takayuki; and Miyake, Yasuo, to Eisai Co., Ltd. Process for sealing body and cap of gelatin hard capsule and apparatus therefor. 4,532,881, 8-6-85, Cl. 118-20.000.
- Sakashita, Shizuka: *See—*
  - Motoyama, Shimesu; Kurita, Kaora; Sakashita, Shizuka; Takei, Narimichi; and Ohno, Shigeru, 4,556,175, Cl. 241-57.000.
- Sakashita, Takeshi; Inagaki, Hajime; Todo, Akira; and Nakano, Takayuki, to Mitsui Petrochemical Industries, Ltd. Curable coating composition containing acryloyl or methacryloyl cyanurate or isocyanurate compound, cured composition therefrom, and process for producing articles by using the curable composition. 4,526,920, 7-2-85, Cl. 524-850.000.
- Sakashita, Takeshi; and Nakano, Takayuki, to Mitsui Petrochemical Industries, Ltd. Photocurable resin composition. 4,548,689, 10-22-85, Cl. 204-159.230.
- Sakashita, Tatsuo: *See—*
  - Kan, Masanori; Okazaki, Takuya; and Sakashita, Tatsuo, 4,558,088, Cl. 524-505.000.
- Sakata, Akihiro: *See—*
  - Okazaki, Toshimasa; Sakata, Akihiro; Nagai, Kyozi; and Nakashima, Kazuo, 4,496,442, Cl. 204-129.000.
- Sakata, Co; and Imai, Hirosuke, to Nippon Oil Co., Ltd. Method of immobilizing microorganisms. 4,547,463, 10-15-85, Cl. 435-180.000.
- Sakata, Gozyo; Numata, Tatsuo; Makino, Kenzi; Kakuta, Takuya; Kusano, Kazuya; Ikai, Takasi; and Oguti, Tosihiko, to Nissan Chemical Industries Ltd. 1-Phenylethyl sulfone derivatives of 2-pyridyl-N-oxides and herbicidal compositions containing same. 4,508,561, 4-2-85, Cl. 71-94.000.
- Sakata, Hideo; and Saito, Masami, to Mitutoyo Mfg. Co., Ltd. Coordinate measuring instrument. 4,495,703, 1-29-85, Cl. 33-174.00L.
- Sakata, Hideo, to Mitutoyo Mfg. Co., Ltd. Touch signal probe. 4,496,807, 1-29-85, Cl. 200-61.420.
- Sakata, Hideo; and Nakaoki, Tokuzo, to Mitutoyo Mfg. Co., Ltd. Radially adjustable internal grinder. 4,507,895, 4-2-85, Cl. 51-98.00R.
- Sakata, Hideo; and Yoda, Yukiji, to Mitutoyo Mfg. Co., Ltd. Measuring instrument. 4,551,919, 11-12-85, Cl. 33-1.00M.
- Sakata, Hideo; and Yamashiro, Hiroshi, to Mitutoyo Mfg. Co., Ltd. Measuring instrument. 4,561,185, 12-31-85, Cl. 33-164.00R.
- Sakata, Hideo: *See—*
  - Yamamoto, Takeshi; and Sakata, Hideo, 4,536,963, Cl. 33-178.00E.
  - Yamamoto, Takeshi; Sakata, Hideo; and Sugizaki, Iwao, 4,561,190, Cl. 33-561.000.
- Sakata, Hiromi: *See—*
  - Koyama, Shigeo; and Sakata, Hiromi, 4,548,394, Cl. 271-9.000.
  - Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.
- Sakata, Hirotsugu; and Nagatomo, Shigemi, to Tokyo Shibaura Denki Kabushiki Kaisha. Scroll compressor with planar surfaces on the internal end portions of the scroll blades. 4,558,997, 12-17-85, Cl. 418-55.000.
- Sakata, Jiro: *See—*
  - Yamamoto, Minoru; Sakata, Jiro; and Doi, Haruo, 4,521,236, Cl. 65-31.000.
- Sakata, Ko; and Imai, Hirosuke, to Nippon Oil Co., Ltd. Process for producing water-insoluble polymers of uniform shape from gelled salts of alginic acid. 4,520,178, 5-28-85, Cl. 526-200.000.
- Sakata, Ko; and Imai, Hirosuke, to Nippon Oil Co., Ltd. Method of immobilizing enzymatically active materials. 4,525,457, 6-25-85, Cl. 435-178.000.
- Sakata, Mamoru; and Minakawa, Masaaki, to Honda Giken Kogyo Kabushiki Kaisha. Power transmission device for front-engine front-drive car. 4,530,415, 7-23-85, Cl. 180-297.000.
- Sakata, Masanori, to NEC Corporation. Insulated gate type field effect transistor having a silicon gate electrode. 4,558,338, 12-10-85, Cl. 357-23.900.
- Sakata, Mitsuya: *See—*
  - Yamazaki, Kaoru; Kurioka, Shunichiro; Sakata, Mitsuya; and Ogawa, Takahiro, 4,524,193, Cl. 526-79.000.
- Sakata, Norihiko; and Miura, Nobuo, to Asahi Kasei Kogyo Kabushiki Kaisha. Vinylidene chloride type resin expandable particles, foam particles, in-mold foam molding by use thereof and process for producing them. 4,550,003, 10-29-85, Cl. 264-53.000.

Sakata, Shinji; and Machida, Haruhiko, to Yamasa Shoyu Kabushiki Kaisha. 1-β-D-Arabinofuranosyl-(E)-5-(2-halogenovinyl)-uracil-5′-phosphate, preparation thereof and use thereof. 4,542,210, 9-17-85, Cl. 536-29.000.

Sakata, Shinsuke: *See—*
  Nakagawa, Shinichi; Asano, Kohzoh; Sakata, Shinsuke; Adachi, Tokio; and Kawachi, Shoji, 4,552,925, Cl. 525-200.000.

Sakata, Teiichi: *See—*
  Nakamura, Mitsugu; Yoshizu, Satoru; Sakata, Teiichi; and Yatabe, Hiroyuki, 4,545,627, Cl. 384-585.000.

Sakata, Tomio, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for detecting the duration of voice. 4,535,473, 8-13-85, Cl. 381-46.000.

Sakata, Tomoaki, to Hitachi, Ltd. Apparatus for fetching component parts. 4,561,825, 12-31-85, Cl. 414-753.000.

Sakata, Touichi: *See—*
  Mukoyama, Yoshiyuki; Sakata, Touichi; and Osada, Yuichi, 4,530,975, Cl. 525-423.000.

Sakata, Tsunetaka: *See—*
  Shinohara, Masaru; Ueno, Makoto; and Sakata, Tsunetaka, 4,558,369, Cl. 358-257.000.

Sakata, Yasuo: *See—*
  Kanatani, Tadayuki; and Sakata, Yasuo, 4,553,929, Cl. 432-59.000.

Sakata, Yoshio; and Kakehashi, Yasushi, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Magnetic roller device. 4,509,031, 4-2-85, Cl. 335-306.000.

Sakata, Yoshio, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Megnetic device. 4,517,539, 5-14-85, Cl. 335-302.000.

Sakata, Yoshiya: *See—*
  Shiba, Haruo; Sakata, Yoshiya; and Tanaka, Kimio, 4,515,322, Cl. 242-71.800.

Sakata, Yoshiyasu, to Honda Giken Kogyo Kabushiki Kaisha. Ventilation device for fuel tanks. 4,531,653, 7-30-85, Cl. 220-85.00S.

Sakatani, Ikunori: *See—*
  Tanaka, Katsuhiko; and Sakatani, Ikunori, 4,547,081, Cl. 384-107.000.

Sakatani, Takenobu; and Suzuki, Shigeru, to Lion Corporation. Fabric treating composition for addition to granular detergent. 4,540,499, 9-10-85, Cl. 252-8.750.

Sakatani, Yoshiaki: *See—*
  Yamaguchi, Yasuhiro; and Sakatani, Yoshiaki, 4,510,103, Cl. 264-40.200.

Sakato, Keiichiro, to Nippon Kogaku K.K. Exposure control system. 4,512,657, 4-23-85, Cl. 355-68.000.

Sakato, Naoyuki; and Kitagaki, Tetsuo, to Shin-Etsu Chemical Co., Ltd. Method for shaping green body of ceramic powder and ceramic body obtained by firing same. 4,496,506, 1-29-85, Cl. 264-109.000.

Sakaue, Shiyuki: *See—*
  Sugimoto, Noboru; Matsumoto, Yoshio; Takahashi, Michio; Kohno, Michinaga; and Sakaue, Shiyuki, 4,507,046, Cl. 414-735.000.

Sakaue, Tatsuo: *See—*
  Iida, Tetsuya; and Sakaue, Tatsuo, 4,528,684, Cl. 377-60.000.

Sakaue, Yoshinori: *See—*
  Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,514,740, Cl. 346-139.00R.
  Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,174, Cl. 346-136.000.
  Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,527,176, Cl. 346-141.000.
  Fujiwara, Mitsugu; Sakaue, Yoshinori; Aso, Tomio; Kurokawa, Koshiro; and Obara, Hideo, 4,560,295, Cl. 400-637.100.

Sakazume, Akio: *See—*
  Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.
  Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, 4,544,338, Cl. 418-63.000.

Sakharnov, Vasily A.: *See—*
  Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.

Sakhuja, Ravinder K.: *See—*
  Roussos, Theodore; and Sakhuja, Ravinder K., 4,510,922, Cl. 126-435.000.

Sakitani, Yoshio; and Minamikawa, Yoshihisa, to Hitachi, Ltd. Specimen supporting device. 4,520,421, 5-28-85, Cl. 361-234.000.

Sakiyama, Kazuo: *See—*
  Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, 4,522,966, Cl. 524-114.000.

Sakka, Kenji, to Hitachi, Ltd. Method of and apparatus for warming high-pressure feed water heaters for power plants. 4,535,593, 8-20-85, Cl. 60-646.000.

Sakka, Kenji: *See—*
  Ura, Katsumi; Inui, Taiji; and Sakka, Kenji, 4,517,804, Cl. 60-657.000.

Sakkab, Nabil Y.: *See—*
  Parran, John J., Jr.; and Sakkab, Nabil Y., 4,515,772, Cl. 424-57.000.

Sakmann, Walter H.; and Zimmermann, Volker, to International Business Machines Corporation. Method and apparatus for the constant speed control of brushless DC motors. 4,514,667, 4-30-85, Cl. 318-254.000.

Sako, Junichi; and Honda, Norimasa, to Daikin Kogyo Co., Ltd. Electrically conductive coating composition. 4,547,311, 10-15-85, Cl. 252-511.000.

Sako, Kazuaki; and Mori, Kenjiro, to Hitachi, Ltd. Method and apparatus for drawing lines. 4,539,563, 9-3-85, Cl. 340-735.000.

Sako, Kiyohide: *See—*
  Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide, 4,510,307, Cl. 544-283.000.

Sako, Tomoyuki; Sawaki, Saeko; Sakurai, Toshizo; Mutai, Masahiko; and Kondo, Isamu, to Kabushiki Kaisha Yakult Honsha. Coliform bacillus having a gene for the production of staphylokinase and a process for production of staphylokinase therewith. 4,532,211, 7-30-85, Cl. 435-172.300.

Sako, Yoichiro; and Odaka, Kentaro, to Sony Corporation. Method of error correction. 4,497,058, 1-29-85, Cl. 371-39.000.

Sako, Yoichiro; and Odaka, Kentaro, to Sony Corporation. Method for error correction. 4,541,092, 9-10-85, Cl. 371-39.000.

Sako, Yoichiro; and Odaka, Kentaro, to Sony Corporation. Method of error correction. 4,546,474, 10-8-85, Cl. 371-39.000.

Sako, Yoichiro: *See—*
  Odaka, Kentaro; Sako, Yoichiro; Kojima, Yuichi; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,562,578, Cl. 371-40.000.

Sako, Yuji: *See—*
  Okado, Hiroyuki; Kakizoe, Masahiro; Otsuka, Shigeharu; and Sako, Yuji, 4,506,243, Cl. 335-132.000.

Sakoda, Kousuke: *See—*
  Kainaga, Masahiro; Sakoda, Kousuke; and Nakanishi, Hiroaki, 4,491,912, Cl. 364-200.000.

Sakoda, Yasuhiro, to Sharp Kabushiki Kaisha. Cooking appliance with switching assembly. 4,542,269, 9-17-85, Cl. 219-10.55C.

Sakoe, Hiroaki; and Chiba, Seibi, to Nippon Electric Co., Ltd. System operable as an automaton for recognizing continuously spoken words with reference to demi-word pair reference patterns. 4,513,435, 4-23-85, Cl. 381-41.000.

Sakoe, Hiroaki, to Nippon Electric Co., Ltd. DP Matching system for recognizing a string of words connected according to a regular grammar. 4,555,796, 11-26-85, Cl. 381-43.000.

Sakoguchi, Etsuo: *See—*
  Tsukamoto, Kazuyoshi; and Sakoguchi, Etsuo, 4,560,851, Cl. 219-10.770.

Sakou, Hiroshi; and Kashioka, Seiji, to Hitachi, Ltd. Method of determining an optimum threshold for obtaining binary image signal for use in a pattern recognition system. 4,491,962, 1-1-85, Cl. 382-50.000.

Sakow, Lawrence. Toilet bowl mounting bolt assembly. 4,530,629, 7-23-85, Cl. 411-147.000.

Saksena, Anil K.: *See—*
  Kreutner, William; Green, Michael J.; Shue, Ho-Jane; and Saksena, Anil K., 4,517,200, Cl. 514-455.000.

Sakudo, Noriyuki; Abe, Katsunobu; Tokiguchi, Katsumi; Koike, Hidemi; and Okada, Osami, to Hitachi, Ltd. Microwave plasma source having improved switching operation from plasma ignition phase to normal ion extraction phase. 4,543,465, 9-24-85, Cl. 219-121.0PD.

Sakuma, Kazuo: *See—*
  Harata, Mituo; Hiraki, Hideaki; Uno, Shigeki; Sakuma, Kazuo; and Matsunaga, Kiyosi, 4,509,035, Cl. 338-35.000.
  Uno, Shigeki; Harata, Mituo; Sakuma, Kazuo; and Hiraki, Hideaki, 4,529,540, Cl. 252-518.000.

Sakuma, Kazuyoshi; Nihei, Tetsuo; and Maki, Toshio, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for simultaneous both-end shaping of workpiece. 4,505,144, 3-19-85, Cl. 72-345.000.

Sakuma, Kiyoshi: *See—*
  Matsuoka, Fumio; Iijima, Hitoshi; Yamazaki, Kisuke; Kasagi, Hiroshi; Nakashima, Yasuo; Sakuma, Kiyoshi; and Umehara, Mitsuo, 4,499,739, Cl. 62-212.000.

Sakuma, Koichiro: *See—*
  Shibata, Toshio; and Sakuma, Koichiro, 4,547,901, Cl. 455-300.000.

Sakuma, Osamu: *See—*
  Wakabayashi, Tetsushi; Honda, Norio; and Sakuma, Osamu, 4,535,384, Cl. 361-386.000.

Sakuma, Seiiti; and Karasawa, Shuichi, to Ricoh Company, Ltd. Composite photosensitive material for use in electrophotography. 4,521,504, 6-4-85, Cl. 430-57.000.

Sakuma, Shinzo; Warabi, Junichi; Kano, Masayuki; and Kashimoto, Yutaka, to Kabushiki Kaisha Meidensha. Vacuum interrupter. 4,499,349, 2-12-85, Cl. 200-144.00B.

Sakuma, Takeyuki; Nakamura, Masaji; and Mizukoshi, Matsuo, to Konishiroku Photo Industry Co., Ltd. Automatic film loading device. 4,541,173, 9-17-85, Cl. 29-806.000.

Sakuma, Tokihiko: *See—*
  Osawa, Tadao; Nakagawa, Toru; Okumura, Masamitsu; Kohno, Takashige; and Sakuma, Tokihiko, 4,532,904, Cl. 123-439.000.

Sakuma, Toranosuke, to Koito Seisakusho Co., Ltd. Rotary-to-linear converter mechanism for a remotely controlled rearview mirror tilting device or the like. 4,494,420, 1-22-85, Cl. 74-479.000.

Sakuma, Yuichiro: *See--*
  Taniguchi, Seiho; and Sakuma, Yuichiro, 4,493,787, Cl. 252-511.000.

Sakunaga, Kenichi: *See—*
  Yamamoto, Takashi; and Sakunaga, Kenichi, 4,547,040, Cl. 350-96.340.

Sakundiak, James M., to Canadian Patents & Development Limited. Control system for controlling the displacement of a working portion of an implement. 4,529,039, 7-16-85, Cl. 172-4.000.

Sakuno, Hideaki: *See—*

Kobayashi, Satoru; Masaki, Mikio; Sakuno, Hideaki; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,516,415, Cl. 70-252.000.

Sakura Color Products Corp.: *See—*

Nakanishi, Mikihiko, 4,525,216, Cl. 106-30.000.

Shioi, Keiko; and Nakanishi, Mikihiko, 4,525,215, Cl. 106-22.000.

Shioi, Keiko; and Shoji, Yukito, 4,545,819, Cl. 106-23.000.

Sakura, Yasuhiro; Takai, Yoshihiro; and Suzuki, Michio, to Tokyo Electric Co., Ltd. Thermal-printing device with defective resistive heating element detection mode. 4,500,893, 2-19-85, Cl. 346-76.0PH.

Sakura, Yasuhiro; Nakajima, Yasushi; Tajima, Noriyasu; and Nimura, Hitoshi, to Tokyo Electric Co., Ltd. Label issuing apparatus with programmable label feed. 4,516,208, 5-7-85, Cl. 364-466.000.

Sakurada, Kazuyuki; Funyu, Yutaka; Togashi, Fusao; Kanno, Toyoji; and Masuda, Toshikazu. Control method and apparatus for screwing down reeling rolls. 4,506,531, 3-26-85, Cl. 72-8.000.

Sakurada, Kenichi; and Nishino, Takaichi, to Nissan Motor Company, Limited; and Tachikawa Spring Co., Ltd. Seat with adjustable side support device. 4,536,030, 8-20-85, Cl. 297-284.000.

Sakurada, Masahiko; Manabe, Sugio; Okamura, Hideaki; and Gocho, Nagahiro, to Olympus Optical Co., Ltd. Automatic analyzing apparatus. 4,536,369, 8-20-85, Cl. 422-65.000.

Sakurada, Masahiko: *See—*

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, 4,517,160, Cl. 422-65.000.

Galle, Kevin; Orimo, Ryoichi; Sakurada, Masahiko; Banno, Taiichi; and Manabe, Sugio, 4,558,946, Cl. 356-73.000.

Sakurada, Nobuaki: *See—*

Sato, Yuichi; Sakurada, Nobuaki; Kawamura, Hideaki; and Watanabe, Yoshitaka, 4,560,997, Cl. 346-140.00R.

Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, 4,512,656, Cl. 354-475.000.

Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, to Toa Nenryo Kogyo Kabushiki Kaisha. Process for the low polymerization of isobutene. 4,513,166, 4-23-85, Cl. 585-832.000.

Sakuragi, Shiro: *See—*

Imagawa, Kyoshiro; Sakuragi, Shiro; and Saitoh, Mitsunori, 4,491,385, Cl. 350-96.200.

Sakuragi, Toshio; Nakayama, Kazuo; Sato, Masaaki; and Koike, Mitsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Automatic flaw detection device. 4,554,835, 11-26-85, Cl. 73-640.000.

Sakurai, Akira, to Ricoh Company, Ltd. Character data processing apparatus. 4,516,262, 5-7-85, Cl. 382-18.000.

Sakurai, Akira; and Mizutani, Hiroshi, to Kao Corporation. Sanitary napkin. 4,519,799, 5-28-85, Cl. 604-366.000.

Sakurai, Akira, to Ricoh Company, Ltd. Picture processing apparatus. 4,533,959, 8-6-85, Cl. 358-280.000.

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Sakurai, Hideo: *See—*

Makino, Kenya; Sakurai, Hideo; Toyoda, Toshiyuki; and Matsuo, Yoshitaka, 4,506,061, Cl. 526-142.000.

Sakurai, Hiromi: *See—*

Ooga, Hirotomo; and Sakurai, Hiromi, 4,499,657, Cl. 29-578.000.

Sakurai, Hiroshi: *See—*

Matsuura, Hitoshi; and Sakurai, Hiroshi, 4,495,561, Cl. 364-167.000.

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Nozawa, Ryoichiro; Komiya, Hidetsugu; Kishi, Hajimu; Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,503,372, Cl. 318-560.000.

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Sakurai, Itaru: *See—*

Yomogida, Toshihiko; Sakurai, Itaru; Yokota, Tsuyoshi; and Kato, Sadamu, 4,504,900, Cl. 364-140.000.

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Sugimoto, Norihiko; Hamada, Nobuhiro; Masuda, Ikuro; and Sakurai, Jinichi, 4,500,951, Cl. 364-186.000.

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Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,491,815, Cl. 335-229.000.

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Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,533,847, Cl. 310-181.000.

Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, 4,546,338, Cl. 335-229.000.

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Sakurai, Keiichi; Ishida, Hideaki; and Hanzawa, Kohtaro, to Casio Computer Co., Ltd. Envelope control apparatus. 4,537,110, 8-27-85, Cl. 84-1.260.

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Yamamoto, Yoshihiro; and Sakurai, Kenji, 4,526,875, Cl. 501-87.000.

Sakurai, Kenjiro: *See—*

Kikuchi, Keisuke; Morikawa, Takitaro; Shimada, Junichi; and Sakurai, Kenjiro, 4,557,566, Cl. 350-413.000.

Sakurai, Kiyomi; and Arimatsu, Seiji, to Nippon Paint Co., Ltd. Waterless negative or positive lithographic printing plate preparation. 4,508,814, 4-2-85, Cl. 430-303.000.

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Sakurai, Koichi, to Sakuraya Corporation. Dish with a melody sounding function. 4,537,109, 8-27-85, Cl. 84-1.030.

Sakurai, Kunio; Ito, Hiroshi; and Nozaki, Takashi, to Konishiroku Photo Industry Co., Ltd. Antireflection optical coating. 4,497,539, 2-5-85, Cl. 350-164.000.

Sakurai Machine Trading Co., Ltd.: *See—*

Nagatani, Kazuo, 4,509,422, Cl. 101-118.000.

Sakurai, Masaaki: *See—*

Hirabayashi, Hiromitsu; Sakurai, Masaaki; and Kagiura, Kazuo, 4,525,058, Cl. 355-3.0FU.

Sakurai, Masaki: *See—*

Abe, Ryozo; and Sakurai, Masaki, 4,561,026, Cl. 358-336.000.

Sigiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,516,161, Cl. 358-342.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,496,993, Cl. 358-335.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,500,983, Cl. 369-77.200.

Sugiyama, Hiroyuki; Abe, Ryozo; Yusa, Yasuhiro; Sakurai, Masaki; and Yoshihara, Kenji, 4,520,473, Cl. 369-126.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,530,013, Cl. 358-335.000.

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Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, to Mitsubishi Gas Chemical Company, Inc. Acetal resin composition. 4,506,053, 3-19-85, Cl. 524-405.000.

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Nishi, Yasuyuki; Takagi, Masasi; and Sakurai, Masao, 4,531,378, Cl. 62-217.000.

Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, 4,537,042, Cl. 62-208.000.

Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, 4,539,823, Cl. 62-228.500.

Nishi, Yasuyuki; Takagi, Masashi; and Sakurai, Masao, 4,561,260, Cl. 62-115.000.

Sakurai, Masaru: *See—*

Sato, Yo; Kashiwaba, Tadao; Sakurai, Masaru; Matsuda, Yasuhiko; and Kondo, Koichi, 4,560,087, Cl. 221-73.000.

Sakurai, Michio, to Alps Electric Co., Ltd. Dual shaft rotary electric device. 4,523,175, 6-11-85, Cl. 338-134.000.

Sakurai, Noriaki: *See—*

Suzuki, Shoichi; Ohta, Wataru; Sakurai, Noriaki; and Yamashita, Michio, 4,521,133, Cl. 405-195.000.

Sakurai, Satoshi; Takahashi, Yoshio; and Abe, Kunio, to Pioneer Electronic Corporation. Door structure for record players. 4,530,081, 7-16-85, Cl. 369-75.200.

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Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, 4,539,669, Cl. 369-75.200.

Sakurai, Seiichi: *See—*

Murata, Tomoji; Hayashi, Masamichi; Goto, Yasuo; and Sakurai, Seiichi, 4,518,249, Cl. 355-67.000.

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Sakurai, Shigeo, to Mikuni Kogyo Kabushiki Kaisha. Drive control method for stepping motors. 4,523,138, 6-11-85, Cl. 318-685.000.

Sakurai, Shigeru; and Hamada, Shigeki, to Mazda Motor Corporation. Exhaust gas purifying device. 4,512,786, 4-23-85, Cl. 55-282.000.

Sakurai, Shigeru; Oda, Hiroyuki; Satow, Haruhiko; and Okimoto, Haruo, to Mazda Motor Corporation. Fuel intake control system for supercharged engine. 4,527,534, 7-9-85, Cl. 123-559.000.

Sakurai, Shigeru: *See—*

Satow, Haruhiko; Okimoto, Haruo; Sakurai, Shigeru; and Oda, Hiroyuki, 4,498,429, Cl. 123-26.000.

Sakurai, Tadashi: *See—*
- Gross, William H.; and Sakurai, Tadashi, 4,499,432, Cl. 330-296.000.

Sakurai, Takashi, to Nippondenso Co., Ltd. Radio receiver apparatus for vehicle. 4,531,232, 7-23-85, Cl. 455-152.000.

Sakurai, Takayasu, to Kabushiki Kaisha Toshiba. Semiconductor memory device. 4,555,778, 11-26-85, Cl. 365-230.000.

Sakurai, Takeshi: *See—*
- Ishida, Matsuhiko; Asano, Masaru; Goto, Shigeru; and Sakurai, Takeshi, 4,557,369, Cl. 198-333.000.

Sakurai, Terushige: *See—*
- Abe, Toshio; and Sakurai, Terushige, 4,550,588, Cl. 72-441.000.

Sakurai, Toshihiro, to Yamaichi Electric Mfg. Co., Ltd. Support structure for IC package and having removable closure. 4,515,424, 5-7-85, Cl. 339-75.0MP.

Sakurai, Toshio: *See—*
- Hayashi, Yoshio; Aoyagi, Kouji; Sakurai, Toshio; Kashima, Tusnehiro; and Higeta, Koichi, 4,509,138, Cl. 364-900.000.

Sakurai, Toshizo; and Kosaka, Toshiyuki, to Kabushiki Kaisha Yakult Honsha. Method for manufacturing restriction enzymes from Bifidobacteria. 4,542,099, 9-17-85, Cl. 435-199.000.

Sakurai, Toshizo: *See—*
- Sako, Tomoyuki; Sawaki, Saeko; Sakurai, Toshizo; Mutai, Masahiko; and Kondo, Isamu, 4,532,211, Cl. 435-172.300.

Sakurai, Yasuhiko: *See—*
- Tanaka, Ryoichi; and Sakurai, Yasuhiko, 4,546,265, Cl. 307-10.0CS.

Sakurai, Yasuo: *See—*
- Imanishi, Kiyokazu; Ichiyanagi, Takashi; Sakurai, Yasuo; Naka, Hirouki; and Nakagawa, Koji, 4,525,757, Cl. 360-130.240.

Sakurai, Yojiro: *See—*
- Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Nunomura, Shigeki; Sakurai, Yojiro; and Okutome, Toshiyuki, 4,496,584, Cl. 514-510.000.
- Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Sakurai, Yojiro; Nunomura, Shigeki; and Okutome, Toshiyuki, 4,514,416, Cl. 549-442.000.

Sakurai, Yoshifumi; and Numata, Takuhisa, to Kureha Kagaku Kogyo Kabushiki Kaisha. Laminated magnetic bubble device. 4,516,222, 5-7-85, Cl. 365-32.000.

Sakurai, Yoshihiro, to Sanshin Kogyo Kabushiki Kaisha. Carburetor. 4,539,163, 9-3-85, Cl. 261-34.00A.

Sakurai, Yukio; and Yamamoto, Akihiko, to Nissan Motor Company, Limited. Air conditioning system. 4,515,208, 5-7-85, Cl. 165-43.000.

Sakuranaka, Toru; and Aoki, Hachiro, to Diesel Kiki Co., Ltd. Distribution type fuel injection pump. 4,530,330, 7-23-85, Cl. 123-449.000.

Sakuranaka, Toru, to Diesel Kiki Co., Ltd. Injection timing control device for distributor-type fuel injection pumps. 4,557,240, 12-10-85, Cl. 123-502.000.

Sakuraya Corporation: *See—*
- Sakurai, Koichi, 4,537,109, Cl. 84-1.030.

Sakuraya, Toshikazu; Fujii, Tetsuya; Matsui, Shigeo; and Hayashi, Shigeki, to Kawasaki Steel Corporation; and Osaka Sanso Kogyo Ltd. Methods for obtaining high-purity carbon monoxide. 4,539,020, 9-3-85, Cl. 55-26.000.

Sakuraya, Toshikazu: *See—*
- Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.

Sakuta, Daniel, Jr. Trolling bucket. 4,554,757, 11-26-85, Cl. 43-55.000.

Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, to Takenaka Komuten Co., Ltd.; Takenaka Doboku Co., Ltd.; and Sankyo Chemical Industries Ltd. Cement composition for laying underwater. 4,508,572, 4-2-85, Cl. 106-90.000.

Sakuyama, Masao, to Citizen Watch Co., Ltd. Display device. 4,516,120, 5-7-85, Cl. 340-785.000.

Sala, Alberto: *See—*
- Winters, Giorgio; Sala, Alberto; and Barone, Domenico, 4,500,525, Cl. 514-210.000.
- Winters, Giorgio; and Sala, Alberto, 4,530,927, Cl. 514-215.000.

Sala International Aktiebolag: *See—*
- Dittrich, Vital, 4,557,828, Cl. 209-214.000.
- Eriksson, Bengt O., 4,556,239, Cl. 384-130.000.

Sala Magnetics, Inc.: *See—*
- Nolan, John J., 4,529,516, Cl. 210-222.000.

Sala, Silvio, to S.I.R.P. Studi Industriali Realizzazione Prototipi S.p.A. Differential assembly for distribution of torque between the front and rear axles of an automotive vehicle. 4,523,495, 6-18-85, Cl. 74-714.000.

Salaam, Ameen. Centering apparatus and method. 4,553,331, 11-19-85, Cl. 33-172.00D.

Salacuse, Frank, to Super Glue Corporation. Adjustable clip system. 4,527,760, 7-9-85, Cl. 248-108.000.

Salacuse, Frank, to Super Glue Corporation. Clamping device and display system. 4,531,636, 7-30-85, Cl. 206-461.000.

Saladin, Herbert A.: *See—*
- Schultz, Warren J.; and Saladin, Herbert A., 4,562,454, Cl. 357-51.000.

Salahun, Yves: *See—*
- Albouy, Pierre; Salahun, Yves; Botquin, Francois; and Cordani, Roberto, 4,540,852, Cl. 179-18.0FA.

Salam, Hassan P. A. Matrix displays. 4,541,189, 9-17-85, Cl. 40-447.000.

Salama, Clement A.: *See—*
- Malhi, Satwinder D.; and Salama, Clement A., 4,549,193, Cl. 357-22.000.

Salama, Clement A. T.: *See—*
- Wong, Stephen L.; and Salama, Clement A. T., 4,525,679, Cl. 330-277.000.

Salama, Mamdouh M.; and Pan, Robert B., to Conoco Inc. Stiffening for complex tubular joints. 4,543,008, 9-24-85, Cl. 403-174.000.

Salamone, Ann B.: *See—*
- Hoover, Merwin F.; Salamone, Ann B.; and Vandebult, Jan, 4,555,414, Cl. 427-43.100.
- Hoover, Merwin F.; Reilly, Phillip B.; Salamone, Ann B.; and Vandebult, Jan, 4,560,445, Cl. 204-15.000.
- Poulin, Susan B.; and Salamone, Ann B., 4,556,629, Cl. 430-331.000.

Salamone, Joseph C.: *See—*
- Ellis, Edward J.; and Salamone, Joseph C., 4,534,878, Cl. 252-173.000.

Salansky, Norman: *See—*
- Pomeranz, Bruce; and Salansky, Norman, 4,556,064, Cl. 128-423.00R.

Salansky, Werner, to Stabeg Apparatebaugesellschaft m.b.H. Recessed lamp. 4,551,791, 11-5-85, Cl. 362-296.000.

Salant, Richard F.; and Boyd, Clinton A., to Hughes Tool Company. Grooved mechanical face seal. 4,491,331, 1-1-85, Cl. 277-96.100.

Salas, Edward R.; Fisher, Edwin P.; Johnson, Robert B.; Nibby, Chester M., Jr.; and Boudreau, Daniel A., to Honeywell Information Systems Inc. Memory identification apparatus and method. 4,545,010, 10-1-85, Cl. 364-200.000.

Salas, Edward R.: *See—*
- Boudreau, Daniel A.; and Salas, Edward R., 4,493,036, Cl. 364-200.000.
- Boudreau, Daniel A.; Salas, Edward R.; and Sandini, James M., 4,559,595, Cl. 364-200.000.
- Johnson, Robert B.; Nibby, Chester M., Jr.; and Salas, Edward R., 4,507,730, Cl. 364-200.000.

Salathiel, William M., to Exxon Production Research Co. Method of breaking an emulsion and an emulsion-emulsion breaker composition. 4,517,102, 5-14-85, Cl. 252-8.55R.

Salatiello, Peter P.; Petrucelli, Frank; and Flood, Paul W., to Allied Corporation. Nylon composition for use in rotational molding. 4,508,675, 4-2-85, Cl. 264-310.000.

Salazar, Jose A.: *See—*
- Morales, Alfredo L.; Galiasso, Roberto E.; Agudelo, Maria M.; Salazar, Jose A.; and Carrasquel, Angel R., 4,520,128, Cl. 502-210.000.

Salazar, Ramon: *See—*
- Rodriguez, Domingo; Schemel, Roberto; and Salazar, Ramon, 4,548,792, Cl. 423-65.000.
- Schemel, Roberto; Rodriguez, Domingo; and Salazar, Ramon, 4,539,186, Cl. 423-62.000.

Salazar, Sumorfin, to Ford Motor Company. Door hinge with integral check. 4,532,675, 8-6-85, Cl. 16-335.000.

Salcedo, Javier F., to ABCO Hardware and Builders Supply, Inc. Method and apparatus for detecting improper polarity in a power distribution system. 4,532,569, 7-30-85, Cl. 361-76.000.

Saldert, Bertil K.: *See—*
- Bengtsson, Bengt L.; Palmlin, Peter; and Saldert, Bertil K., 4,521,439, Cl. 426-509.000.

Sale, Francis M.: *See—*
- Mills, Harold E.; Murdock, David L.; Ramer, Richard M.; and Sale, Francis M., 4,521,392, Cl. 423-317.000.

Sale Tilney Technology Public Limited Company: *See—*
- Grenfell, Julian P.; and Stephens, Stanley W., 4,542,319, Cl. 313-546.000.
- Smythe, Kenneth R., 4,521,462, Cl. 427-421.000.

Salee, Gideon: *See—*
- Ranade, Gautam R.; and Salee, Gideon, 4,507,434, Cl. 525-67.000.
- Ranade, Gautam R.; and Salee, Gideon, 4,528,328, Cl. 525-71.000.

Saleeb, Fouad Z.; and Pickup, John G., to General Foods Corporation. Fixing volatiles in an amorphous substrate and products therefrom. 4,532,145, 7-30-85, Cl. 426-650.000.

Saleeb, Fouad Z.; and Zeller, Bary L., to General Foods Corporation. Roasted coffee extract decaffeination method. 4,547,378, 10-15-85, Cl. 426-271.000.

Saleeb, Fouad Z.; and Zeller, Bary L., to General Foods Corporation. Method of packaging coffee with carbon dioxide sorbent. 4,552,767, 11-12-85, Cl. 426-395.000.

Saleeb, Fouad Z.: *See—*
- Schenz, Timothy W.; Eisenhardt, William A., Jr.; and Saleeb, Fouad Z., 4,541,873, Cl. 127-46.100.
- Zeller, Bary L.; Kaleda, William W.; and Saleeb, Fouad Z., 4,521,438, Cl. 426-271.000.

Salego, George T.: *See—*
- Barch, Herbert W.; Salego, George T.; Retsch, William H.; and Blair, Rudolph, 4,491,082, Cl. 118-234.000.
- Barch, Herbert W.; Salego, George T.; Blair, Rudolph; and Retsch, William H., 4,517,916, Cl. 118-234.000.
- Reese, Walter J.; and Salego, George T., 4,526,598, Cl. 65-3.100.

Saleh, Abdel, to BBC Brown, Boveri & Company, Limited. Apparatus for preventing blowing out of the water supply of constant pressure air storage installations of gas turbine power plants. 4,538,414, 9-3-85, Cl. 60-398.000.

Salem, Eli: *See—*
- Kunin, Robert; and Salem, Eli, 4,547,291, Cl. 210-670.000.
- Kunin, Robert; and Salem, Eli, 4,548,717, Cl. 210-670.000.

Salem, Emilio, to Novopac S.n.c. dei F.lli Salem E. & O. Flat packs for incoherent products with anti-crushing device. 4,535,886, 8-20-85, Cl. 206-205.000.

- Salemi, Caster: *See—*
  - Palilla, Frank C.; MacAllister, Burton W., Jr.; and Salemi, Caster, 4,538,347, Cl. 29-619.000.
- Salemka, Robert M., to Pneumo Corporation. Adaptive control system. 4,498,036, 2-5-85, Cl. 318-561.000.
- Salensky, George A., to Union Carbide Corporation. Single package solvent resistant zinc rich thermoplastic polyhydroxyether coatings. 4,529,756, 7-16-85, Cl. 523-459.000.
- Salensky, George A.; and Fry, John S., to Union Carbide Corporation. Metal-containing phenolic coating compositions. 4,544,688, 10-1-85, Cl. 523-458.000.
- Salerni, John V.; and Zachman, James R., to Baker Oil Tools, Inc. Combination gravel packing device and method. 4,541,484, 9-17-85, Cl. 166-278.000.
- Salerni, John V.: *See—*
  - Schmuck, Phillip W.; Salerni, John V.; and Wetzel, Rodney J., 4,540,051, Cl. 166-278.000.
- Salerno, Giuseppe: *See—*
  - Bulaty, Paul; De Mesmaeker, Ivan; Franc, Zdenek; and Salerno, Giuseppe, 4,511,839, Cl. 324-127.000.
- Sales Tools, Inc.: *See—*
  - Erickson, Edward C., 4,537,380, Cl. 248-460.000.
- Salesky, Leonard, to Salesky, Leonard; and Farber, Phyllis S. Digital apical foramen locating apparatus. 4,526,179, 7-2-85, Cl. 128-776.000.
- Salesse, Marc: *See—*
  - Meunier, Jean; and Salesse, Marc, 4,534,937, Cl. 419-42.000.
- Salett, Ronald M.: *See—*
  - Caprio, A. Ronald; Cyr, John P.; Geaghan, Bernard O.; Kotschenreuther, Paul C.; Schanin, David J.; and Salett, Ronald M., 4,556,953, Cl. 364-900.000.
- Saletta, Gary F.: *See—*
  - Hicks, John M.; Engel, Joseph C.; Spreadbury, Robert J.; Elms, Robert T.; and Saletta, Gary F., 4,525,650, Cl. 315-226.000.
- Salia-Munoz, Miguel. Apparatus for applying light through an optical grid. 4,505,545, 3-19-85, Cl. 350-321.000.
- Salice, Luciano, to Arturo Salice S.p.A. Connecting fixture. 4,502,807, 3-5-85, Cl. 403-11.000.
- Salice, Luciano, to Arturo Salice S.p.A. Concealed hinge having a spring biased U-shaped slider. 4,509,229, 4-9-85, Cl. 16-327.000.
- Salice, Luciano, to Arturo Salice S.p.A. Connecting fitting for releasably connecting two platelike furniture members. 4,553,873, 11-19-85, Cl. 403-245.000.
- Saliger, Kenneth C., to Mobil Oil Corporation. Pipe joint locking device. 4,534,585, 8-13-85, Cl. 285-92.000.
- Saliger, Kenneth C., to Mobil Oil Corporation. Vertical flowline connector. 4,544,036, 10-1-85, Cl. 166-341.000.
- Saliger, Kenneth C., to Mobil Oil Corporation. Seal construction for fluid swivel joints. 4,555,118, 11-26-85, Cl. 277-188.00R.
- Saligny, Yves, to Carpano & Pons. Connecting element. 4,526,434, 7-2-85, Cl. 339-99.00R.
- Salihar, Mark W., to Dearborn Chemical Company. Dust suppression with elastomer-containing foam. 4,551,261, 11-5-85, Cl. 252-88.000.
- Salihi, Jalal T., to Otis Elevator Company. Elevator car load and position dynamic gain compensation. 4,501,343, 2-26-85, Cl. 187-29.00R.
- Salihi, Jalal T., to Otis Elevator Company. Polyphase motor drive imbalance detection. 4,533,862, 8-6-85, Cl. 318-798.000.
- Salihi, Jalal T.; and Duckworth, James J., to Otis Elevator Company. Elevator polyphase motor control. 4,544,873, 10-1-85, Cl. 318-801.000.
- Salimbeni, Francesco: *See—*
  - Robinson, Lee F.; Salimbeni, Francesco; Porcari, Guiliano; and Dente, Mario, 4,512,956, Cl. 422-270.000.
- Salinas Valley Engineering & Manufacturing, Inc.: *See—*
  - Crabb, Richard V., Jr., 4,519,178, Cl. 53-137.000.
- Salit, Herbert W.: *See—*
  - Pitts, Warren R.; and Salit, Herbert W., 4,511,616, Cl. 428-203.000.
- Salk Institute for Biological Studies, The: *See—*
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  - Marlettini, Maria G.; DeNovellis, Michelangelo; Labriola, Ernesto; Salomone, Teresa; and Tomassetti, Paola, 4,522,827, Cl. 514-671.000.
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- Salort, Guy J. External apparatus for motor handicaps of at least one upper limb. 4,559,932, 12-24-85, Cl. 128-77.000.
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  - Kennard, Lon H.; Hall, Duane O.; and Bangerter, Richard M., 4,492,820, Cl. 179-5.00P.
- Salt, Stephen R.: *See—*
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- Salter, Keith, to Baker Perkins Holdings PLC. Mixing apparatus. 4,522,503, 6-11-85, Cl. 366-287.000.
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- Salts, Thomas R., to Besser Industries, Inc. Article stacking apparatus. 4,498,831, 2-12-85, Cl. 414-46.000.
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  - Breda, Enzo; and Ciotti, Alfredo, 4,501,491, Cl. 356-39.000.
- Salva, Henri E., to J. I. Case Company. Gang plow of varible working width. 4,553,609, 11-19-85, Cl. 172-647.000.
- Salvador, Linda M.: *See—*
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- Salvadori, Bruno, to Societa Pneumatici Pirelli S.p.A. Devices for vulcanizing tires. 4,515,541, 5-7-85, Cl. 425-47.000.
- Salvagni, Edward A.: *See—*
  - Nicholas, John F.; and Salvagni, Edward A., 4,502,015, Cl. 329-166.000.
- Salvagnini, Guido, to Salvagnini Transferica S.p.A. Apparatus for the automatic shearing of a sheet metal in several pieces of different size. 4,512,227, 4-23-85, Cl. 83-104.000.
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- Salvagnini, Guido, to Salvagnini Transferica S.p.A. Selection system for flat articles, particularly metal sheets of different sizes coming from a shearing machine. 4,553,672, 11-19-85, Cl. 209-615.000.
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  - Boy-Marcotte, Jean-Louis M. R.; Chastang, Georges J.; Salvaire, Laurent O.; and Burnouf, Christian D., 4,515,148, Cl. 126-438.000.
- Salvalai, Italo: *See—*
  - Jeannot, Michel; and Salvalai, Italo, 4,561,960, Cl. 204-297.00W.
- Salvarezza, Robert M. Rope ladder with molded hard elastomer steps and replacement steps and collars therefor. 4,554,996, 11-26-85, Cl. 182-199.000.
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  - Bernardi, Luigi; Temperilli, Aldemio; Ruggieri, Daniela; Arcari, Giuliana; and Salvati, Patricia, 4,500,712, Cl. 546-67.000.
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- Salvia, Frank, to Grumman Aerospace Corporation. Sync generator, video processor. 4,562,457, 12-31-85, Cl. 358-19.000.
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- Salvucci, Lucio P. Random number selection method and apparatus. 4,508,346, 4-2-85, Cl. 273-144.00B.
- Salyer, Alan. Weight type exercising device. 4,549,733, 10-29-85, Cl. 272-118.000.
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  - Greene, Dennis T.; and Salyers, Glen M., 4,510,834, Cl. 83-453.000.
- Salz, Rainer: *See—*
  - Wilms, Elmar; Herold, Karl-Dieter; and Salz, Rainer, 4,529,541, Cl. 252-526.000.
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- Salzmann, Ferdinand F., to Wisco Industries, Inc. Food wrap sealer. 4,528,802, 7-16-85, Cl. 53-557.000.
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  - Brown, Sam J., 4,511,005, Cl. 172-430.000.
- Sam Stein Associates, Inc.: *See—*
  - Booth, Raymond E.; and Miller, Michael E., 4,496,084, Cl. 222-282.000.
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  - Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.
- Samala, Fred, to Topps Chewing Gum, Incorporated. Chewing gum product. 4,526,790, 7-2-85, Cl. 426-5.000.
- Samans, Robert: *See—*
  - Hillemanns, Herbert; Samans, Robert; and Meyer, Walter, 4,520,047, Cl. 427-331.000.
- Samansky, Terry. Foldable board game with triangular and trapezoidal areas. 4,527,800, 7-9-85, Cl. 273-261.000.
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  - Boisbluche, Arsene G., 4,530,191, Cl. 52-309.700.
- Sambur, Marina B.: *See—*
  - Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.
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  - Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., 4,533,243, Cl. 356-44.000.
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  - Diggle, Edmund A., Jr.; and Cecere, Andrew P., 4,517,712, Cl. 26-51.400.
  - Diggle, Edmund A., Jr.; and Krajcovic, John, 4,523,389, Cl. 34-105.000.
  - Sellers, John R., 4,532,782, Cl. 68-13.00R.
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  - Pitozzi, Luigi, 4,501,237, Cl. 123-196.00W.
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  - Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki, 4,493,846, Cl. 424-308.000.
- Samifi Babcock, S.p.A.: *See—*
  - La Monica, Gaspare, 4,558,573, Cl. 62-473.000.
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  - Guerriero, Renato; Veronese, Giuseppe; Baradel, Agostino; and Rivola, Luigi, 4,547,346, Cl. 423-87.000.
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  - Ang, Peter G. P.; and Sammells, Anthony F., 4,523,981, Cl. 204-72.000.
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  - Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.
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  - Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.
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- Sampei, Tohru: *See—*
  - Saito, Tadashi; Higuchi, Shigemitsu; Konno, Kazutoshi; Sampei, Tohru; Hayashi, Kenji; Noro, Yoshihiko; and Wakabayashi, Manabu, 4,551,777, Cl. 360-77.000.
  - Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.
- Sample, Thomas E., Jr.: *See—*
  - Chen, Robert G.; Patel, Arvind D.; and Sample, Thomas E., Jr., 4,521,578, Cl. 526-288.000.
- Sampogna, Michael: *See—*
  - Chance, Dudley A.; and Sampogna, Michael, 4,539,576, Cl. 346-165.000.
  - Chance, Dudley A.; Reiley, Timothy C.; and Sampogna, Michael, 4,555,285, Cl. 156-89.000.
- Sampsell, Jeffrey B.: *See—*
  - Penz, Perry A.; and Sampsell, Jeffrey B., 4,500,171, Cl. 350-320.000.
- Sampson, Arthur J.: *See—*
  - Wang, Robert C.; Sampson, Arthur J.; and Persinko, Mark M., 4,518,649, Cl. 428-284.000.
- Sampson, Christopher F.: *See—*
  - Wright, Christopher J.; and Sampson, Christopher F., 4,524,051, Cl. 423-247.000.
- Sampson, Darwin L.: *See—*
  - Johnson, Nathan D.; Sampson, James D.; and Sampson, Darwin L., 4,508,238, Cl. 221-107.000.
- Sampson, Edward J.: *See—*
  - Prosl, Frank R.; and Sampson, Edward J., 4,496,343, Cl. 604-86.000.
- Sampson, James D.: *See—*
  - Johnson, Nathan D.; Sampson, James D.; and Sampson, Darwin L., 4,508,238, Cl. 221-107.000.
- Sampson, John L.: *See—*
  - Ludman, Jacques E.; Sampson, John L.; and Caulfield, Henry J., 4,505,588, Cl. 356-354.000.
  - Ludman, Jacques E.; Sampson, John L.; and Caulfield, Henry J., 4,558,951, Cl. 356-346.000.
- Sampson, Robert W.: *See—*
  - Kuchar, Paul J.; Sampson, Robert W.; and Pacanowski, Ronald F., 4,505,147, Cl. 73-29.000.
- Sampson, Ronald L.; and Shelton, David L., to Procter & Gamble Company, The. Cosmetic sticks. 4,504,465, 3-12-85, Cl. 424-65.000.
- Sampson, Stephen A.; and Olson, Thor F., to Molex Incorporated. Method of making a circuit assembly. 4,503,611, 3-12-85, Cl. 29-845.000.
- Sams, Bernard: *See—*
  - Chapman, Richard H.; and Sams, Bernard, 4,561,353, Cl. 101-111.000.
- Sams, Ivan E.: *See—*
  - Broadhead, James H.; Wilbur, Lawrence A.; and Sams, Ivan E., 4,541,671, Cl. 297-330.000.
- Sams, Marvin W.; and Wasson, Samuel L., to Bio-Scan, Inc. Electroencephalography electrode assembly. 4,503,860, 3-12-85, Cl. 128-639.000.
- Sams, Robert H., deceased: *See—*
  - Cambell, Thomas C.; Sherry, Howard S.; Schweiker, George C.; Falcone, James S., Jr.; and Sams, Robert H., deceased, 4,528,276, Cl. 502-62.000.
- Sams, Ruth W., Legal Representative: *See—*
  - Cambell, Thomas C.; Sherry, Howard S.; Schweiker, George C.; Falcone, James S., Jr.; and Sams, Robert H., deceased, 4,528,276, Cl. 502-62.000.
- Samsel, J. Edward, Jr., to American Gaming Industries, Inc. Automatic card shuffler. 4,513,969, 4-30-85, Cl. 273-149.00R.
- Samsioe, Per E.: *See—*
  - Andersson, Hans O. V.; Rundkvist, Kjell D.; and Samsioe, Per E., 4,528,608, Cl. 361-18.000.
- Samson Ocean Systems, Inc.: *See—*
  - Linehan, Joseph J.; and Amato, Phillip S., 4,506,622, Cl. 114-230.000.
- Samson, Ralph D. Turkey calling aid. 4,531,924, 7-30-85, Cl. 446-213.000.
- Samson, Robert S.: *See—*
  - Bobart, Kevin L.; Samson, Robert S.; and Shakib, Iraj D., 4,541,746, Cl. 400-144.200.
- Samson, Rogelio G.: *See—*
  - Hideg, Laszlo; Koller, Paul L.; and Samson, Rogelio G., 4,526,152, Cl. 123-478.000.
- Samson, Wilfred J., to Advanced Cardiovascular Systems, Inc. Guiding catheter and method of manufacture. 4,516,972, 5-14-85, Cl. 604-282.000.
- Samson, Wilfred J.; and Williams, Ronald G., to Advanced Cardiovascular Systems, Inc. Guide wire for catheters. 4,538,622, 9-3-85, Cl. 128-772.000.
- Samson, Wilfred J.; and Solar, Ronald J., to Advanced Cardiovascular Systems, Inc. Catheter guide wire with short spring tip and method of using the same. 4,554,929, 11-26-85, Cl. 128-772.000.
- Samsonite Corporation: *See—*
  - Castelli, Renato, 4,511,036, Cl. 206-371.000.
  - Castelli, Renato, 4,556,144, Cl. 206-214.000.
  - Winter, Roger D.; and Jennings, James K., Jr., 4,561,526, Cl. 190-115.000.
- Samuel Bingham Company: *See—*
  - Pala, Jerome; Karmell, Yale; and Muzyczko, Thaddeus M., 4,492,012, Cl. 29-148.40D.
- Samuel, Raj K.; Kozlowski, Ronald J.; and Pustek, Frank J., to American Maize-Products Company. Dextrinized waxy starch of excellent clarity and luster in aqueous solution and process of manufacture. 4,549,909, 10-29-85, Cl. 127-33.000.
- Samuels, Abe; Yamashita, Keitaro; and Sasaki, Yoshitaka, to Hitachi Metals, Ltd.; and Speed-O-Print Business Machines Corp. Pressure fixing device. 4,521,184, 6-4-85, Cl. 432-60.000.
- Samuels, George J.; Schmitkons, Thomas A.; Streeter, Terry L.; and Murray, Royce W., to Allied Corporation. Bifunctional air electrode. 4,524,114, 6-18-85, Cl. 429-42.000.
- Samuels, Gerard, to RCA Corporation. Intaglio printing plate for printing serial markings. 4,530,286, 7-23-85, Cl. 101-395.000.
- Samuels, Kenneth E.: *See—*
  - Duke, June T.; Samuels, Kenneth E.; and Brown, Mary-Catherine, 4,510,204, Cl. 428-463.000.

Samuelsen, Sigvart J.: *See—*
Marks, Robert; Phelps, Douglas W., Jr.; Samuelsen, Sigvart J.; and Ward, William C., 4,551,912, Cl. 29-576.00S.

Samuelson, Hans O., to Mo och Domsjo Aktiebolag. Process for the conversion of lignocellulosic material to cellulose pulp by alkaline preoxidation followed by alkaline oxygen-free digestion both in the presence of a redox additive. 4,561,936, 12-31-85, Cl. 162-45.000.

Samuelsson, Bengt; Serhan, Charles; and Hamberg, Mats. Inflammatory lipoxin A and anti-anflammatory lipoxin B compounds. 4,560,514, 12-24-85, Cl. 260-410.000.

Samuelsson, Bengt A. Method and apparatus for killing field weeds. 4,551,968, 11-12-85, Cl. 56-16.400.

Samuelsson, Einar, to AB Hagglund & Soner. Hydraulic radial piston motor. 4,522,110, 6-11-85, Cl. 91-488.000.

Samuelsson, Lars Erik: *See—*
Olsson, Jan G.; and Samuelsson, Lars Erik, 4,497,766, Cl. 264-328.800.

Samvaz S.A.: *See—*
Derivaz, Charles, 4,498,513, Cl. 145-11.000.

San-Abbott Limited: *See—*
Nakatani, Keiichi, 4,517,313, Cl. 521-51.000.

San/Bar Corporation: *See—*
McIntyre, Donald J., 4,503,578, Cl. 15-104.165.

San-Ei Kagaku Co., L.T.D.: *See—*
Watanabe, Katsuhiro; Minei, Masayuki; and Horikoshi, Toshio, 4,510,951, Cl. 132-7.000.

San-Mar Laboratories, Inc.: *See—*
Bernat, Fred, 4,548,841, Cl. 427-372.200.
Bernat, Fred B., 4,536,394, Cl. 424-154.000.

San Shoe Trading Corp.: *See—*
Adamik, Jaroslav, 4,516,337, Cl. 36-136.000.

Sanada, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Reciprocating piston flow meter with a fluid bypass. 4,542,651, 9-24-85, Cl. 73-250.000.

Sanada, Sakae; and Ohzawa, Yoshiyuki, to Hitachi, Ltd. Method for manufacturing ceramic substrate. 4,497,677, 2-5-85, Cl. 156-89.000.

Sanada, Yuichi: *See—*
Yoshida, Kenji; and Sanada, Yuichi, 4,522,419, Cl. 280-96.000.
Yoshida, Kenji; and Sanada, Yuichi, 4,527,465, Cl. 92-136.000.

Sanada, Yukitomo: *See—*
Yamamoto, Keniti; Suzuki, Tenji; and Sanada, Yukitomo, 4,541,302, Cl. 74-501.00R.

Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, to Hokkaido University. Coal liquefaction with a selenium catalyst. 4,534,848, 8-13-85, Cl. 208-10.000.

Sanaka, Hideaki, to Daieigiken Inc. Apparatus for scraping off heads of fish and crustacea. 4,531,261, 7-30-85, Cl. 17-71.000.

Sanami, Yoshitomo: *See—*
Ihara, Hiroyuki; Takahashi, Kazuo; Matsubara, Michiro; Kumata, Fumio; and Sanami, Yoshitomo, 4,495,089, Cl. 252-364.000.

Sanbayashi, Takeshi; and Matsumoto, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Jam detector. 4,551,813, 11-5-85, Cl. 364-569.000.

Sanbe, Mitsuhiro: *See—*
Furukawa, Nobuyuki; and Sanbe, Mitsuhiro, 4,500,478, Cl. 261-52.000.

Sanbo Chemical Industries Co., Ltd.: *See—*
Ichihashi, Taichi; Kawai, Wasaburo; Naraoka, Tadashi; and Asano, Takateru, 4,560,640, Cl. 430-280.000.

Sanborn, Dale. Band sawmill. 4,519,283, 5-28-85, Cl. 83-104.000.

Sanborn, George A. Method and apparatus for sky typing. 4,561,201, 12-31-85, Cl. 40-213.000.

Sanborn, Harold C.: *See—*
Griffith, James B.; and Sanborn, Harold C., 4,531,270, Cl. 29-156.80B.

Sanborn, James R., to Shell Oil Company. S-(1-(1-Cyanoalkylthio)alkyl)phosphorodithioic compounds as pesticides. 4,505,904, 3-19-85, Cl. 514-112.000.

Sanborn, James R., to Shell Oil Company. S-(1-(1-Cyano-1-(halomethyl)alkylthio)alkyl) phosphorothioic compounds as pesticides. 4,536,497, 8-20-85, Cl. 514-112.000.

Sanborn, James R.; and Tieman, Charles H., to Shell Oil Company. Alpha-aminooxy isovalerate insecticides. 4,537,780, 8-27-85, Cl. 514-464.000.

Sanborn, Robert S.: *See—*
West, Francis, Jr., 4,531,298, Cl. 33-301.000.

Sanbuichi, Hiroshi: *See—*
Yamaguchi, Hiroshi; Sawamoto, Kunifumi; Sanbuichi, Hiroshi; Morita, Tatsuo; and Takizawa, Satoshi, 4,556,029, Cl. 123-41.150.

Sanche, Jean-Pierre: *See—*
Brezzo, Bernard; Calvignac, Jean; Dambricourt, Richard; Masclet, Andre; and Sanche, Jean-Pierre, 4,493,051, Cl. 364-900.000.

Sanchez, Dale R.: *See—*
Willus, Charles A.; Kosonen, Vaino J.; and Sanchez, Dale R., 4,525,274, Cl. 210-232.000.

Sanchez, Fernando J.: *See—*
Winter-Moore, Peter H.; and Sanchez, Fernando J., 4,515,565, Cl. 433-221.000.

Sanchez, Francis F. Auxiliary vehicle space heater. 4,513,911, 4-30-85, Cl. 237-12.30C.

Sanchez, Gabriel A.: *See—*
Hemming, Leland H.; and Sanchez, Gabriel A., 4,496,950, Cl. 343-18.00A.

Sanchez Giraldez, Jose H. Pendulum means. 4,544,282, 10-1-85, Cl. 368-179.000.

Sanchez, Ignacio O. Process for bending cuts for manufacturing goods of leather or synthetical materials. 4,544,429, 10-1-85, Cl. 156-227.000.

Sanchez, Jaime; and Sarin, Vinod K., to GTE Automatic Electric Laboratories Incorporated. Mine tool roof bit insert and a method of drilling therewith. 4,527,638, 7-9-85, Cl. 175-57.000.

Sanchez, Jose, to Pennwalt Corporation. Hydroxy-t-alkyl peroxyesters. 4,525,308, 6-25-85, Cl. 260-453.0RZ.

Sanchez, Joseph P.: *See—*
Mich, Thomas F.; and Sanchez, Joseph P., 4,550,104, Cl. 514-210.000.

Sanchez, Michael A. Cable connector cover with integral strain relief. 4,561,715, 12-31-85, Cl. 339-103.00R.

Sanchez, Pierre; and Laudat, Pierre, to CdF Chimie Azote et Fertilisants, S.A. Two-stage concentration for superphosphoric acid. 4,551,319, 11-5-85, Cl. 423-316.000.

Sancier, Kenneth M., to SRI International. Process and apparatus for obtaining silicon from fluosilicic acid. 4,529,576, 7-16-85, Cl. 423-350.000.

Sancier, Kenneth M.: *See—*
Wood, Bernard J.; Brittain, Robert D.; and Sancier, Kenneth M., 4,551,155, Cl. 48-197.00R.

Sancini, Aldo; and Stacher, Miguel A., to Aktiengesellschaft Adolph Saurer. Weaving machine, especially a terry cloth weaving machine. 4,554,950, 11-26-85, Cl. 139-25.000

Sancon Aktiebolag: *See—*
Hedrenius, Stig Erik T., 4,492,001, Cl. 15-320.000.

Sand, Rudolf: *See—*
Deimling, Karl; Falk, Roland; Krug, Aribert; Nagel, Peter; and Sand, Rudolf, 4,557,947, Cl. 427-130.000.

Sandahl, Joel E.: *See—*
Hesselberth, Robert J.; Donaher, Thomas P.; and Sandahl, Joel E., 4,525,685, Cl. 331-10.000.

Sandberg, Christopher T.; and Mosher, Eugene L., to Truth Incorporated. Retainer bearing and bearing assembly for a window operator and assembly method and tool. 4,505,601, 3-19-85, Cl. 384-428.000.

Sandberg, Eva B.: *See—*
Eriksoo, Edgar; Sandberg, Eva B.; and Stalhandske, Lars J. T., 4,547,511, Cl. 514-312.000.

Sandberg, Jan-Erik: *See—*
Johansson, Borje; Pramskog, Torbjorn; and Sandberg, Jan-Erik, 4,554,860, Cl. 89-1.700.

Sandberg, Karen R.: *See—*
Jansma, Roger H.; and Sandberg, Karen R., 4,508,594, Cl. 162-135.000.
Turbak, Albin F.; Snyder, Fred W.; and Sandberg, Karen R., 4,500,546, Cl. 514-781.000.

Sandberg, Lars; and Scheuer, Bjorn, to AB Volvo. Turbo charged combustion engine with water injection. 4,558,665, 12-17-85, Cl. 123-25.00C.

Sandberg, Robert N.; and Montle, Robert E., to Sackner Products, Inc. Upholstery welt cord. 4,545,283, 10-8-85, Cl. 87-6.000.

Sandberg, Terrel W.; and Bottoms, Stanley, to Paradyne Corporation. Multi-modem variable port demultiplexer synchronization adapter. 4,535,452, 8-13-85, Cl. 370-100.000.

Sandberg, Thomas A.: *See—*
Niles, Gerald J.; and Sandberg, Thomas A., 4,535,432, Cl. 369-72.000.

Sandbrook, Thomas D.; and Scandrol, Roy O., to Conoco Inc. Control of froth cell performance through the use of differential bubbler tubes. 4,552,651, 11-12-85, Cl. 209-1.000.

Sandefur, Louise O.; Slusarek, Wojciech; Wilson, Burton D.; and Maggiulli, Cataldo A., to Eastman Kodak Company. Cyanoalkylpiperazines and methods for their preparation and use. 4,515,947, 5-7-85, Cl. 544-295.000.

Sandel, Bonnie B., to Olin Corporation. Selected N,1-disubstituted hydrazinecarboxamides and their use as antioxidants. 4,521,325, 6-4-85, Cl. 252-77.000.

Sandel, Bonnie B., to Olin Corporation. Selected alkylhydrazine and hydroxyalkylhydrazine adducts of diisocyanates and their use as antioxidants. 4,524,006, 6-18-85, Cl. 252-51.50A.

Sandelis, Denis J. M.: *See—*
Bouiller, Jean G.; Buisson, Marc F. B.; Jourdain, Gerard E. A.; Sandelis, Denis J. M.; and Urruty, Yves R. A., 4,546,606, Cl. 60-262.000.

Sandell, Sven. Candle simulating light bulb cover. 4,550,363, 10-29-85, Cl. 362-806.000.

Sandell, Sven. Imitation candle with magnetic pendulum. 4,551,794, 11-5-85, Cl. 362-392.000.

Sanden Corporation: *See—*
Hiraga, Masaharu, 4,498,852, Cl. 418-55.000.
Hiraga, Masaharu; Mabe, Atsushi; and Yoshii, Yuji, 4,514,150, Cl. 417-440.000.
Hiraga, Masaharu; and Yoshii, Yuji, 4,548,555, Cl. 418-55.000.
Hiraga, Masaharu, 4,551,078, Cl. 418-16.000.
Iimori, Takayuki; Terauchi, Kiyoshi; and Sakamoto, Seiichi, 4,492,543, Cl. 418-55.000.
Kimura, Shogo; and Takahashi, Haruo, 4,502,844, Cl. 417-275.000.
Kurosawa, Akihito; and Anazawa, Osamu, 4,542,834, Cl. 221-116.000.
Mabe, Atsushi; Shimizu, Shigemi; and Kawano, Akihiro, 4,547,138, Cl. 418-55.000.
Matsushita, Takashi, 4,552,005, Cl. 72-68.000.
Nakamura, Yasuo, 4,553,690, Cl. 29-159.00R.
Negishi, Hideo, 4,561,564, Cl. 221-64.000.
Sakaki, Masakatsu; and Hiraga, Masaharu, 4,540,355, Cl. 418-55.000.

Sakamoto, Seiichi; and Terauchi, Kiyoshi, 4,512,729, Cl. 418-55.000.
Sakano, Riichi; and Ubakata, Tadayoshi, 4,498,311, Cl. 62-227.000.
Sato, Tadashi; and Hiraga, Masaharu, 4,551,081, Cl. 418-55.000.
Shimizu, Shigemi, 4,552,517, Cl. 418-55.000.
Shimizu, Shigemi, 4,561,832, Cl. 418-55.000.
Sugimoto, Kazuo; Shimizu, Shigemi; and Terauchi, Kiyoshi, 4,545,746, Cl. 418-55.000.
Tamura, Yasuji, 4,539,821, Cl. 62-228.500.
Terauchi, Kiyoshi; Kawano, Akihiro; and Mabe, Atsushi, 4,505,651, Cl. 417-440.000.
Terauchi, Kiyoshi, 4,527,963, Cl. 418-55.000.
Terauchi, Kiyoshi; and Hiraga, Masaharu, 4,547,137, Cl. 418-55.000.
Terauchi, Kiyoshi, 4,548,556, Cl. 418-55.000.
Tsukagoshi, Yasuhiro, 4,538,975, Cl. 418-55.000.

Sanden, Roland, to Forsvarets Forskningsanstalt. Method for extension of pot life in curing reactions. 4,493,916, 1-15-85, Cl. 524-217.000.

Sander, Bernard T., Jr.: *See—*
Chodrow, Mark M.; Sander, Bernard T., Jr.; Sharpless, Charles H.; and Theriot, Eugene J., 4,550,404, Cl. 370-110.100.

Sander, Engelbert, to Automation Industrielle, S.A. Packing tube. 4,548,338, 10-22-85, Cl. 222-107.000.

Sander, Eugene H.; and Cook, Douglas R., to Sander, Eugene H. Product and process for improving the dispersion of a vegetable gum in water. 4,557,938, 12-10-85, Cl. 426-453.000.

Sander, Hans: *See—*
Gimpel, Jurgen; Jackel, Klaus-Peter; and Sander, Hans, 4,510,284, Cl. 524-379.000.
Lenz, Werner; Sander, Hans; and Moller, Dieter, 4,532,300, Cl. 525-124.000.

Sander, Lars: *See—*
Brogardh, Torgny; Linge, Anders; and Sander, Lars, 4,492,860, Cl. 250-227.000.
Collin, Thorbjorn; Erikmats, Borje; Forsberg, Svante; Goransson, Harry; Sander, Lars; and Solver, Carl E., 4,532,499, Cl. 340-644.000.

Sander, Nat: *See—*
Knepshield, William R.; Ogletree, David D.; and Sander, Nat, 4,499,898, Cl. 128-305.000.
Knepshield, William R.; Ogletree, David D.; and Sander, Nat, 4,538,356, Cl. 33-185.00R.

Sander, Nils B. L.; and Nadas, Julius, to Knorr-Bremse GmbH. Automatic brake resetting device. 4,493,401, 1-15-85, Cl. 188-199.000.

Sander, Rembrandt, to Gebr. Hofmann GmbH & Co. KG Maschinenfabrik. Apparatus for automatic insertion of balance weights for use in automobile-wheel balancing equipment. 4,554,734, 11-26-85, Cl. 29-818.000.

Sander, Robert K.: *See—*
Glownia, James H.; and Sander, Robert K., 4,529,944, Cl. 330-4.300.

Sander, Ulrich: *See—*
Dittmar, Heinz; Beckmann, Manfred; Dorr, Karl-Heinz; Rothe, Ulrich; and Sander, Ulrich, 4,533,537, Cl. 423-522.000.

Sander, Wendell B., to Apple Computer, Inc. Computer with color display. 4,533,909, 8-6-85, Cl. 340-703.000.

Sander, Wilfried; and Mielke, Siegfried, to Karl Schmidt GmbH. Process of joining a ceramic insert which is adapted to be embedded in a light metal casting for use in internal combustion engines. 4,495,684, 1-29-85, Cl. 29-156.50R.

Sander, Wilfried, to Pfaff Industriemaschinen GmbH. Device for feeding and sewing a trimming ribbon to a garment part. 4,524,707, 6-25-85, Cl. 112-152.000.

Sandercock, John R., to RCA Corporation. Technique for verifying genuineness of authenticating device. 4,526,466, 7-2-85, Cl. 356-71.000.

Sanderford, Dorsey W., to Cybar Corporation. Pressure translator and system for measuring pressure. 4,546,785, 10-15-85, Cl. 137-85.000.

Sanders, Albert J., Jr.; and Larson, Michael J., to SWS Silicones Corporation. Coating compositions. 4,509,981, 4-9-85, Cl. 106-3.000.

Sanders, Andrea: *See—*
Merrill, Connie L.; and Sanders, Andrea, 4,529,880, Cl. 250-303.000.

Sanders Associates, Inc.: *See—*
Baer, Ralph H., 4,496,158, Cl. 273-312.000.
Baer, Ralph H., 4,540,176, Cl. 273-148.00B.
Broome, Lloyd N.; and Lawrence, James, 4,539,574, Cl. 346-139.00R.
Bryant, William E., 4,555,807, Cl. 455-137.000.
Burrows, James L., 4,558,236, Cl. 307-465.000.
Butler, Jesse L., 4,553,146, Cl. 343-379.000.
Carl, Norman J., 4,545,326, Cl. 118-660.000.
Gunderson, Charles; and Hammond, Henry W., 4,518,972, Cl. 346-139.00R.
Gunderson, Charles; and Kapadya, Aftab H., 4,540,993, Cl. 346-139.00R.
Hayner, Paul F., 4,506,221, Cl. 324-256.000.
Lang, Stephen C.; and Gili, Paul E., 4,536,723, Cl. 331-127.000.
Lawrence, James, 4,540,994, Cl. 346-139.00R.
Liu, Dean-Yuan, 4,520,372, Cl. 346-136.000.
Liu, Dean-Yuan, 4,537,582, Cl. 493-38.000.
Nussdorfer, Theodore J.; and Kesseli, James B., 4,509,333, Cl. 60-723.000.
Pothier, Robert G., 4,562,440, Cl. 343-703.000.
Powers, Richard L.; and Arkind, Kenneth D., 4,531,130, Cl. 343-767.000.
Racy, Joseph E., 4,503,404, Cl. 331-96.000.
Reed, Cathy J.; and Pollak, Thomas M., 4,536,879, Cl. 372-77.000.
Rockwell, Lynn H., 4,532,376, Cl. 178-18.000.
Schwartz, Jacob, 4,518,256, Cl. 356-5.000.
Sebestyen, George; Sinclair, Ronald R.; Smith, John A.; Sands, Timothy B.; and Nussdorfer, Theodore J., 4,512,537, Cl. 244-3.210.
Sedivec, Darrel F., 4,562,416, Cl. 333-26.000.
Sinclair, Ronald R.; and Nussdorfer, Theodore J., 4,561,611, Cl. 244-3.160.
Smades, Jack E., 4,513,043, Cl. 428-113.000.
Smades, Jack E., 4,549,918, Cl. 156-160.000.
Thompson, Thomas W., 4,556,828, Cl. 318-254.000.
Westly, Pernie E.; and Leder, Uri, 4,512,505, Cl. 226-101.000.

Sanders, Bruce W.: *See—*
Christmas, Walter P.; and Sanders, Bruce W., 4,546,468, Cl. 370-54.000.

Sanders, Clifford; and Sanders, Joanne. Fishing lure. 4,536,987, 8-27-85, Cl. 43-42.340.

Sanders, David E.: *See—*
Andren, Carl F.; Mosley, William H., Jr.; and Sanders, David E., 4,509,017, Cl. 329-105.000.
Mosley, William H.; Sanders, David E.; and Roberson, Richard E., 4,499,585, Cl. 375-62.000.
Mosley, William H., Jr.; Sanders, David E.; and Bortnyk, George P., 4,530,103, Cl. 375-1.000.
Sweeney, Dennis A.; and Sanders, David E., 4,528,674, Cl. 375-1.000.

Sanders, Donald M.: *See—*
Sanders, Robert C.; and Sanders, Donald M., 4,530,122, Cl. 5-83.000.

Sanders, Eugene T., to Southwire Company. Quick adjusting rolling mill. 4,550,583, 11-5-85, Cl. 72-247.000.

Sanders EZ Mobility Systems: *See—*
Sanders, Robert C.; and Sanders, Donald M., 4,530,122, Cl. 5-83.000.

Sanders, Franciscus H. M.: *See—*
Martens, Theodorus H. G.; and Sanders, Franciscus H. M., 4,536,415, Cl. 427-40.000.

Sanders, Frederick W., to Mead Corporation, The. Imaging system. 4,536,463, 8-20-85, Cl. 430-138.000.

Sanders, Frederick W., to Mead Corporation, The. Transfer imaging system. 4,551,407, 11-5-85, Cl. 430-138.000.

Sanders, Frederick W., to Mead Corporation, The. Photosensitive material employing encapsulated radiation sensitive composition. 4,562,137, 12-31-85, Cl. 430-138.000.

Sanders, Gary G., to Scott & Fetzer Company, The. Load current monitoring device for detecting predetermined degree of change in load impedance. 4,539,562, 9-3-85, Cl. 340-657.000.

Sanders, Gary G.: *See—*
Friedman, Ernest H.; Sanders, Gary G.; and Hunter, Steven L., 4,543,957, Cl. 128-630.000.

Sanders, Georgius B. J.: *See—*
Nieuwendijk, Joris A. M.; van Gijsel, Wilhelmus D. A. M.; and Sanders, Georgius B. J., 4,544,806, Cl. 179-115.5PV.
Nieuwendijk, Joris A. M.; Sanders, Georgius B. J.; van Dijk, Cornelis D.; and Kaizer, Adrianus J. M., 4,547,631, Cl. 179-115.50R.
Nieuwendijk, Joris A. M.; van Gijsel, Wilhelmus D. A. M.; Sanders, Georgius B. J.; and van Nieuwland, Jacob M., 4,555,797, Cl. 381-117.000.

Sanders, Gerhard. Arrangement for heating and/or heat retaining of containers. 4,516,935, 5-14-85, Cl. 432-247.000.

Sanders, Howard E. Atmospheric consistometer. 4,534,209, 8-13-85, Cl. 73-59.000.

Sanders, James F.: *See—*
Kinderman, Gerard H.; and Sanders, James F., 4,530,721, Cl. 106-2.000.

Sanders, James M.: *See—*
Hall, John B.; Sanders, James M.; and Siano, James N., 4,560,499, Cl. 252-522.00R.

Sanders, Joanne: *See—*
Sanders, Clifford; and Sanders, Joanne, 4,536,987, Cl. 43-42.340.

Sanders, Joseph E. Unlatching tool to uncouple semi-trailer trucks. 4,531,274, 7-30-85, Cl. 29-267.000.

Sanders, Larry W.: *See—*
Penz, Perry A.; Petcavich, Robert J.; Stearns, William P.; and Sanders, Larry W., 4,533,214, Cl. 350-334.000.

Sanders, Leonardus C. M.: *See—*
van Gastel, Josephus M. M.; van Nunen, Hendrikus T.; and Sanders, Leonardus C. M., 4,532,884, Cl. 118-243.000.

Sanders, Maurice R., to Godwin Warren Engineering Limited. Retractable wheel chock for railway wagons. 4,498,561, 2-12-85, Cl. 188-36.000.

Sanders, Michael A.: *See—*
Russell, Donald J.; and Sanders, Michael A., 4,506,678, Cl. 128-723.000.

Sanders, Mildred P. Ironing board caddy. 4,535,921, 8-20-85, Cl. 223-106.000.

Sanders, Richard L., to Lockheed Corporation. Automatic threaded nut installation and torquing system. 4,501,176, 2-26-85, Cl. 81-470.000.

Sanders, Robert C.; and Sanders, Donald M., to Sanders EZ Mobility Systems. Patient weight reliever apparatus. 4,530,122, 7-23-85, Cl. 5-83.000.

Sanders, Robert E.; Knipp, Jerry L.; and Flynn, Charles J., to Hallmark Cards, Inc. Electrical ornamentation system. 4,544,218, 10-1-85, Cl. 339-31.00L.

Sanders, Robert N.: *See—*

Laurent, Sebastian M.; and Sanders, Robert N., 4,556,564, Cl. 426-2.000.

Sanders, Roy C., Jr. Position indicator for high speed printers. 4,533,268, 8-6-85, Cl. 400-322.000.

Sanders, Royden C., Jr.; and Forsyth, John L., to Sanders, Royden C., Jr. Assembling dot matrix print heads. 4,515,488, 5-7-85, Cl. 400-124.000.

Sanders, Royden C., Jr.; and Forsyth, John L., to Sanders, Royden C., Jr.; and Forsyth, John L. Dot matrix print head. 4,531,848, 7-30-85, Cl. 400-124.000.

Sanders, Royden C., Jr.; and Forsyth, John L. Dot matrix printers and print heads therefor. 4,552,064, 11-12-85, Cl. 101-93.050.

Sanders, Rudolf; and Rijckaert, Josephus F., to U.S. Philips Corporation. Electric lamp having a mechanically connected lamp cap. 4,496,874, 1-29-85, Cl. 313-318.000.

Sanders, Stephen H., III: *See—*

Clemmons, Richard R.; Zimmer, Darrel E.; and Sanders, Stephen H., III, 4,544,866, Cl. 318-54.000.

Sanders, Virgil E., to Litton Systems, Inc. Laser gyro mode locking reduction scheme. 4,522,496, 6-11-85, Cl. 356-350.000.

Sanders, Weldon A., Jr.: *See—*

Torkelson, John; and Sanders, Weldon A., Jr., 4,536,801, Cl. 358-280.000.

Sanders, Winfred J.: *See—*

Menon, Govind K.; and Sanders, Winfred J., 4,505,917, Cl. 514-347.000.

Sanderson, Arthur C.: *See—*

Cohen, Brian S.; Sanderson, Arthur C.; and Dowling, Kevin J., 4,529,315, Cl. 356-375.000.

Sanderson, Dilworth. Self locking holder for an item of jewelry. 4,516,294, 5-14-85, Cl. 24-41.000.

Sanderson, Edward; Sanderson, Laurence S.; and Kalinowski, Robert S., Jr. Device for use in testing a modem coupled to a telephone line by modular connectors. 4,493,951, 1-15-85, Cl. 179-175.30F.

Sanderson, Edward H.: *See—*

Sacca, Demetrio B.; Sanderson, Edward H.; and Beatenbough, Paul K., 4,520,867, Cl. 165-144.000.

Sanderson, George F., to James Howden & Company Limited. Lubricant reservoir. 4,560,331, 12-24-85, Cl. 418-65.000.

Sanderson, John R.; and Krishnan, Sivaram, to Mobay Chemical Corporation. Polycarbonate compositions having improved heat deflection temperature. 4,497,947, 2-5-85, Cl. 528-174.000.

Sanderson, John R.; Watts, Lewis W., Jr.; and Renken, Terry L., to Texaco Inc. Cycloalkane epoxides produced by air oxidation of cycloalkenes over oxide catalysts. 4,517,374, 5-14-85, Cl. 549-533.000.

Sanderson, John R.; Watts, Lewis W., Jr.; Vanderpool, Steven H.; and Renken, Terry L., to Texaco Inc. Cycloalkane epoxides produced by air oxidation of cycloalkenes over lead zirconate as catalyst. 4,521,609, 6-4-85, Cl. 549-533.000.

Sanderson, John R.; and Watts, Lewis W., Jr., to Texaco Inc. Dicyclopentadiene derived ester compounds. 4,528,396, 7-9-85, Cl. 560-256.000.

Sanderson, John R.; Keating, Kenneth P.; Marquis, Edward T.; and Vanderpool, Steven H., to Texaco Inc. Cobalt borate catalyzed decomposition of organic hydroperoxides. 4,547,598, 10-15-85, Cl. 568-922.000.

Sanderson, John R.; Yeakey, Ernest L.; and Lin, Jiang-Jen, to Texaco Inc. Production of 2-hydroxyalkyl-1,3-dioxolanes. 4,554,364, 11-19-85, Cl. 549-453.000.

Sanderson, John R.; Nieh, Edward C. Y.; and Watts, Lewis W., Jr., to Texaco Inc. Ester compounds from 5-vinyl-2-norbornene. 4,556,730, 12-3-85, Cl. 560-256.000.

Sanderson, John R.: *See—*

Krishnan, Sivaram; and Sanderson, John R., 4,539,384, Cl. 528-79.000.

Krishnan, Sivaram; and Sanderson, John R., 4,558,162, Cl. 568-48.000.

Lin, Jiang-Jen, and Sanderson, John R., 4,526,992, Cl. 549-430.000.

Renken, Terry L.; and Sanderson, John R., 4,532,324, Cl. 544-106.000.

Yeakey, Ernest L., and Sanderson, John R., 4,550,184, Cl. 549-453.000.

Sanderson, Laurence S.: *See—*

Sanderson, Edward; Sanderson, Laurence S.; and Kalinowski, Robert S., Jr., 4,493,951, Cl. 179-175.30F.

Sanderson, Michael L.: *See—*

McHale, Edward J.; Hussain, Yousif A.; Sanderson, Michael L.; and Hemp, John, 4,513,624, Cl. 73-861.120.

Sanderson, Robert A., to Graham Magnetics Incorporated. Tape cleaning method. 4,491,485, 1-1-85, Cl. 134-9.000.

Sanderson, Robert A.: *See—*

Essary, James W.; and Sanderson, Robert A., 4,541,579, Cl. 242-56.200.

Sanderson, Roger S.; and Whelchel, Robert C. Sterilized storage container. 4,558,632, 12-17-85, Cl. 92-14.000.

Sanderson, Ronald D.; and Badenhorst, Jurchens B., to Ko-Operatiewe Wijnbouers Vereniging Van Zuid-Afrika Beperkt. Surfacing of beverage vessels. 4,544,589, 10-1-85, Cl. 428-35.000.

Sanderson, William R., to Interox Chemicals Limited. Hydrogen peroxide compositions. 4,496,473, 1-29-85, Cl. 252-186.410.

Sanderson, William R., to Interox Chemicals Limited. Compositions and processes employing activators for the generation of peroxyacids. 4,541,944, 9-17-85, Cl. 252-95.000.

Sanderson, William R., to Interox Chemicals Limited. Particulate sodium perborate monohydrate containing adsorbed activator. 4,545,784, 10-8-85, Cl. 8-107.000.

Sanderson, William R.: *See—*

Hignett, Geoffrey J.; Rowbottom, Kenneth T.; and Sanderson, William R., 4,536,313, Cl. 252-100.000.

Sandford, Donald L.: *See—*

Timm, Gerald W.; Sandford, Donald L.; and Claude, Timothy J., 4,517,967, Cl. 128-79.000.

Timm, Gerald W.; Sandford, Donald L.; Claude, Timothy J.; and Helms, Richard A., 4,522,198, Cl. 128-79.000.

Timm, Gerald W.; Helms, Richard A.; and Sandford, Donald L., 4,541,420, Cl. 128-79.000.

Sandham, H. James; and Balanyk, Thomas E., to University of Toronto Innovations Foundation. Benzoin antimicrobial dental varnishes. 4,496,322, 1-29-85, Cl. 433-217.000.

Sandhaus, Jeffrey. Closure. 4,535,905, 8-20-85, Cl. 215-218.000.

Sandhaus, Jeffrey. Closure having integral formed sealing means. 4,550,841, 11-5-85, Cl. 215-211.000.

Sandherr Packungen AG: *See—*

Schellenberg, Walter, 4,550,854, Cl. 220-468.000.

Sandhu, Jaswinder S., to RAJ Technology Partnership. Acoustic power meter. 4,492,107, 1-8-85, Cl. 73-1.0DV.

Sandhu, Jaswinder S., to RAJ Technology Partnership. Non-destructive testing system employing a liquid crystal detector cell. 4,506,550, 3-26-85, Cl. 73-603.000.

Sandhu, Jaswinder S., to Raj Technology Partnership. Movable ultrasonic transducer array. 4,530,242, 7-23-85, Cl. 73-625.000.

Sandi, Floyd J.; and Vultaggio, Anthony, to Essex Group, Inc. Multiple push button switch with latch members. 4,520,241, 5-28-85, Cl. 200-5.00B.

Sandiford, Burton B.; Fett, E. Reinold; and Bickford, Harold J., to Union Oil Company of California. Method for identifying the source of an oil. 4,501,324, 2-26-85, Cl. 166-250.000.

Sandine, William E.; and Huggins, Alan R., to State of Oregon acting by and through the State Board of Higher Education for and on behalf of Oregon State University, The. Method for producing single and/or mixed strain concentrates of bacteria. 4,528,269, 7-9-85, Cl. 435-34.000.

Sandine, William E.; and Heatherbell, David A., to State of Oregon acting by and through the State Board of Higher Education for and on behalf of Oregon State University. Wine preparation with new strains of *Leuconostoc oenos* . 4,547,373, 10-15-85, Cl. 426-15.000.

Sandini, James M.: *See—*

Boudreau, Daniel A.; Salas, Edward R.; and Sandini, James M., 4,559,595, Cl. 364-200.000.

Sandis, Stylianos: *See—*

Blaya, Alain; Crouzet, Pierre; Sandis, Stylianos; and Bailly, Jean C., 4,497,904, Cl. 502-104.000.

Sandland, Paul; Chadwick, Curt H.; and Dwyer, Howard I., to KLA Instruments Corporation. X-Y Stage for a patterned wafer automatic inspection system. 4,556,317, 12-3-85, Cl. 356-237.000.

Sandler, Sheldon S., to Geo-Centers, Inc. Broad band liquid loaded dipole antenna. 4,498,086, 2-5-85, Cl. 343-807.000.

Sandler, Stanley R., to Pennwalt Corporation. Stabilization of aldehydes. 4,546,205, 10-8-85, Cl. 568-421.000.

Sandler, Steven M., to Venus Scientific Inc. Magnetically modulated d-c to d-c forward converter power supply. 4,541,039, 9-10-85, Cl. 363-21.000.

Sandling, Kjell H., to K. S. Konsult Kjell Sandling. Revolving doors. 4,557,073, 12-10-85, Cl. 49-41.000.

Sandmann, Dennis E. Expansion bulb for plugging a conduit or passage. 4,506,706, 3-26-85, Cl. 138-93.000.

Sandmann, Jurgen: *See—*

Deike, Karl-Heinz; Schulz, Hans-Joachim; and Sandmann, Jurgen, 4,493,510, Cl. 303-28.000.

Sandner, Helmut: *See—*

Eltze, Georg; Luttge, Klaus; Pickard, Jurgen; Rubmann, Hans; and Sandner, Helmut, 4,534,457, Cl. 192-70.200.

Sandner, Klaus: *See—*

Vollbrecht, Heinz-Rudiger; Schutz, Erwin; and Sandner, Klaus, 4,511,508, Cl. 426-665.000.

Sando Iron Works Co., Ltd.: *See—*

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,495,783, Cl. 68-5.00D.

Sando, Yoshikazu; Nakano, Eiichi; and Ishidoshiro, Hiroshi, 4,500,318, Cl. 8-111.000.

Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,507,539, Cl. 219-121.0PY.

Sando, Yoshikazu; and Nakano, Eiichi, 4,516,283, Cl. 8-149.100.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,517,818, Cl. 68-5.00E.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,528,708, Cl. 8-149.100.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,529,128, Cl. 239-138.000.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,533,147, Cl. 277-26.000.

Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,550,578, Cl. 68-5.00E.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, 4,557,006, Cl. 8-149.100.

Sando, Tomoji: *See*—
- Iizuka, Eiichi; Sando, Tomoji; and Kashima, Shinji, 4,547,257, Cl. 156-603.000.
- Iizuka, Eiichi; Sando, Tomoji; Kashima, Shinji; and Maki, Masakazu, 4,551,195, Cl. 156-603.000.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. Apparatus for continuous wet-heat treatment of cloth. 4,495,783, 1-29-85, Cl. 68-5.00D.

Sando, Yoshikazu; Nakano, Eiichi; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. Method for desizing, scouring and bleaching textile product. 4,500,318, 2-19-85, Cl. 8-111.000.

Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, to Sando Iron Works Co., Ltd. Method for continuous treatment of a cloth with the use of low-temperature plasma and an apparatus therefor. 4,507,539, 3-26-85, Cl. 219-121.0PY.

Sando, Yoshikazu; and Nakano, Eiichi, to Sando Iron Works Co., Ltd. Method for continuous bleaching of cloth. 4,516,283, 5-14-85, Cl. 8-149.100.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. High pressure steamer for continuous wet-heat treatment of a cloth. 4,517,818, 5-21-85, Cl. 68-5.00E.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. Method for continuous wet-heat treatment of a cloth. 4,528,708, 7-16-85, Cl. 8-149.100.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. High temperature hot liquid jet nozzle. 4,529,128, 7-16-85, Cl. 239-138.000.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. Automatic pressure control apparatus for an end-face seal plate in seal mechanism of high pressure steamer. 4,533,147, 8-6-85, Cl. 277-26.000.

Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, to Sando Iron Works Co., Ltd. Apparatus for low-temperature plasma treatment of a textile product. 4,550,578, 11-5-85, Cl. 68-5.00E.

Sando, Yoshikazu; and Ishidoshiro, Hiroshi, to Sando Iron Works Co., Ltd. Method for setting and pretreating a cloth. 4,557,006, 12-10-85, Cl. 8-149.100.

Sandor, Istvan: *See*—
- Lawrence, John N.; and Sandor, Istvan, 4,524,802, Cl. 137-595.000.

Sandor, John. Draught excluding strips. 4,509,999, 4-9-85, Cl. 156-71.000.

Sandor, Jules A. Escape ladder. 4,531,612, 7-30-85, Cl. 182-196.000.

Sandorff, Paul E., to Lockheed Corporation. Beam balancer electro-impulse deicing systems. 4,501,398, 2-26-85, Cl. 244-134.00R.

Sandoz, Inc.: *See*—
- Barcza, Sandor, 4,528,191, Cl. 514-63.000.
- Brand, Leonard J.; and Nadelson, Jeffrey, 4,499,279, Cl. 548-247.000.
- Brand, Leonard J.; and Nadelson, Jeffrey, 4,536,499, Cl. 514-212.000.
- Kelly, Lawrence A., 4,551,288, Cl. 264-4.600.
- Manning, Robert E.; and Nadelson, Jeffrey, 4,544,663, Cl. 514-378.000.

Sandoz Ltd.: *See*—
- Auerbach, Guenther, 4,518,391, Cl. 8-549.000.
- Bauer, Wilfried; and Pless, Janos, 4,496,543, Cl. 514-11.000.
- Baumann, Hans-Peter, 4,516,979, Cl. 8-583.000.
- Bennett, Brian; and Clough, Donald K., 4,557,730, Cl. 8-442.000.
- Bennett, Brian; and Clough, Donald K., 4,559,058, Cl. 8-496.000.
- Berthold, Richard, 4,510,150, Cl. 514-338.000.
- Bill, Rudolf; and Wolf, Rainer, 4,532,287, Cl. 524-343.000.
- Bitterli, Peter; and Kaul, Bansi L., 4,494,955, Cl. 8-512.000.
- Bohler, Hans; and Weisskopf, Ernst, 4,531,979, Cl. 148-6.270.
- Bolliger, Georg; and Stutz, Peter, 4,547,500, Cl. 514-250.000.
- Bormann, Gerhard, 4,530,842, Cl. 514-344.000.
- Brenneisen, Kurt; and Koch, Werner, 4,502,866, Cl. 8-549.000.
- Brich, Zdenek; and Muhle, Herbert, 4,515,950, Cl. 546-67.000.
- Brunet, Michel, 4,526,302, Cl. 222-321.000.
- Connell, David L.; and Coates, Jacqueline A., 4,501,672, Cl. 252-8.50M.
- Deur, Michel, 4,526,963, Cl. 544-74.000.
- Deur, Michel; and Toth, Istvan, 4,549,026, Cl. 548-257.000.
- Devoise-Lambert, Andre ; and Gisi, Ulrich, 4,507,310, Cl. 514-376.000.
- Dore, Jacky; and Moser, Helmut, 4,499,018, Cl. 260-245.810.
- Doswald, Paul; Moriconi, Emil; Moser, Helmut; and Schmid, Horst, 4,550,158, Cl. 534-605.000.
- Egli, Robert, 4,505,857, Cl. 534-768.000.
- Fleck, Fritz; Mercer, Alec V.; and Oates, Malcolm, 4,526,976, Cl. 548-159.000.
- Fliri, Hans; and Hamberger, Helmut, 4,503,221, Cl. 544-27.000.
- Hasler, Rolf; and Palacin, Francis, 4,548,902, Cl. 436-2.000.
- Hopkins, Tony A.; and Seitz, Rudolf, 4,560,386, Cl. 8-437.000.
- Kaul, Bansi L., 4,540,775, Cl. 534-575.000.
- Kaul, Bansi L., 4,544,736, Cl. 534-575.000.
- Kobel, Hans; Sanglier, Jean-Jacques; Tscherter, Hans; and Bolliger, Georg, 4,542,135, Cl. 514-250.000.
- Loibner, Hans; Streicher, Wolfgang; and Stutz, Peter, 4,503,046, Cl. 514-40.000.
- Meyes, Peter, 4,510,137, Cl. 514-80.000.
- Oppolzer, Wolfgang, 4,491,664, Cl. 546-67.000.
- Oschatz, Christian, 4,501,589, Cl. 8-495.000.
- Reisser, Fritz, 4,499,280, Cl. 548-255.000.
- Romer, Dietmar, 4,515,802, Cl. 514-288.000.
- Runyon, James R.; and Valenti, Salvatore, 4,511,707, Cl. 528-250.000.
- Schone, Alfred, 4,548,609, Cl. 8-94.210.
- Stakelbeck, Hans-Peter, 4,496,364, Cl. 8-641.000.
- Stakelbeck, Hans-Peter, 4,503,191, Cl. 524-159.000.
- Stutz, Anton, 4,542,022, Cl. 514-63.000.
- Troesch, Juerg; and Portmann, Walter, 4,543,128, Cl. 106-23.000.
- Troesch, Jurg, 4,543,103, Cl. 8-523.000.
- Veit, Werner, 4,540,525, Cl. 260-512.00C.
- Vogel, Arnold, 4,491,581, Cl. 424-250.000.
- Walther, Werner, 4,529,754, Cl. 523-404.000.
- Wenger, Roland, 4,554,351, Cl. 544-177.000.

Sandquist, Ralph. Spine board. 4,519,106, 5-28-85, Cl. 5-82.00R.

Sandrik, John M.; and Pelc, Norbert J., to General Electric Company. Film-based dual energy radiography. 4,513,078, 4-23-85, Cl. 430-496.000.

Sandrin, Romedio, to Snamprogetti S.p.A. Integrated process for producing tert.butyl alkyl ethers and butene-1. 4,513,153, 4-23-85, Cl. 568-697.000.

Sandroni, Gianni, to Caterpillar Tractor Co. Method and apparatus for forging sprocket segments. 4,517,819, 5-21-85, Cl. 72-353.000.

Sands, Bruce W.; and Nehring, Robert J., Jr., to PQ Corporation. Hollow microspheres with organosilicon-silicate walls. 4,540,629, 9-10-85, Cl. 428-402.000.

Sands, Charles D.: *See*—
- Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.

Sands, Clifton A.: *See*—
- Schmidt, John C.; Sands, Clifton A.; and Campbell, Donald N., 4,500,391, Cl. 204-1.00T.

Sands, Howard E., to Coleco Industries, Inc. Multicolored unitary thermoformed article. 4,555,423, 11-26-85, Cl. 428-79.000.

Sands, Ned R. Sliding ring game. 4,519,611, 5-28-85, Cl. 273-126.00R.

Sands, Robert E.: *See*—
- Daghe, Joseph L.; and Sands, Robert E., 4,506,694, Cl. 137-218.000.
- Daghe, Joseph L.; Sands, Robert E.; and Humes, Dennis W., 4,523,607, Cl. 137-218.000.
- Daghe, Joseph L.; and Sands, Robert E., 4,553,563, Cl. 137-494.000.

Sands, Robert W.; Marella, Joseph P.; and Fink, Thomas F., Jr., to General Electric Company. Lamps having multiple and aimed parabolic sections for increased useful light output. 4,494,176, 1-15-85, Cl. 362-297.000.

Sands, Robert W.; and Bloom, Daniel M., to General Electric Company. R Lamp having an improved neck section for increasing the useful light output. 4,536,834, 8-20-85, Cl. 362-303.000.

Sands, Rodney T.: *See*—
- Harbolt, Bruce A.; and Sands, Rodney T., 4,528,919, Cl. 111-7.000.

Sands, Thomas H.: *See*—
- Anderson, Marie T.; Michel, Karl H.; and Sands, Thomas H., 4,537,777, Cl. 514-521.000.

Sands, Timothy B.: *See*—
- Sebestyen, George; Sinclair, Ronald R.; Smith, John A.; Sands, Timothy B.; and Nussdorfer, Theodore J., 4,512,537, Cl. 244-3.210.

Sands, William K., Jr.: *See*—
- Morrell, David J.; DeVault, Donald G.; and Sands, William K., Jr., 4,494,224, Cl. 367-2.000.

Sandstrom, E. Torbjorn: *See*—
- Nygren, B. Hakan; Sandstrom, E. Torbjorn; Stenberg, Johan E.; and Stiblert, Lars B., 4,558,012, Cl. 436-501.000.

Sandstrom, Kjell: *See*—
- Uomala, Vilho; Sandstrom, Kjell; and Matilainen, Jorma, 4,500,092, Cl. 277-12.000.
- Uomala, Vilho; Karkkainen, Jouko; and Sandstrom, Kjell, 4,509,719, Cl. 251-214.000.

Sandstrom, Paul H., to Goodyear Tire & Rubber Company, The. Rubber containing esters of rosin acid. 4,491,655, 1-1-85, Cl. 527-600.000.

Sandstrom, Paul H., to Goodyear Tire & Rubber Company, The. Pneumatic tire having air retention innerliner. 4,502,520, 3-5-85, Cl. 152-330.00R.

Sandstrom, Robert L.: *See*—
- Sirovich, Bruce E.; Sandstrom, Robert L.; and Fleisch, Theo H., 4,555,395, Cl. 423-644.000.

Sandstrom, Roland: *See*—
- Olsson, Mats A.; and Sandstrom, Roland, 4,517,915, Cl. 116-137.00R.

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  Guadagno, Philip A.; and Sanford, James R. M., 4,511,533, Cl. 422-61.000.
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Sani-Fresh International, Inc.: *See—*
  Frassanito, John R., 4,546,904, Cl. 222-185.000.
  Heck, Samuel C.; and Garrison, Lee E., 4,534,669, Cl. 401-134.000.
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  Kramer, Fritz; Skornscheck, Thomas E.; and Strauss, Ernest, 4,519,338, Cl. 118-305.000.
Sanimed Vertrieb AG: *See—*
  Kirchner, Georg, 4,516,576, Cl. 128-327.000.
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  Blanchard, Kenneth E.; and Sanislo, Stephen V., Jr., 4,558,181, Cl. 179-5.00P.
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  Bronner, James A.; Moore, John D.; and Dale, Paul R., 4,510,081, Cl. 252-603.000.
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  Wave, Larry E.; and Woods, Richard S., 4,546,346, Cl. 340-608.000.
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  Marchetti, Joseph R.; and Sanjana, Zal N., 4,524,107, Cl. 428-413.000.
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  Kadowaki, Toshio; and Sanji, Koichiro, 4,532,273, Cl. 523-402.000.
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  Ai, Minoru; Manabe, Akira; Igarashi, Yoshimasa; and Mizuno, Katsuya, 4,493,644, Cl. 433-75.000.
Sanko Kaihatsu Kagaku Kenkyusho: *See—*
  Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.
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  Yasue, Setsuo; and Yamamoto, Tomio, 4,498,835, Cl. 414-463.000.
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  Takaku, Hiroshi; and Noda, Takeshi, 4,552,955, Cl. 536-24.000.
Sankyo Chemical Industries Ltd.: *See—*
  Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.
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  Amemiya, Shigeo; and Kojima, Koichi, 4,496,745, Cl. 549-215.000.
  Haneishi, Tatsuo; Okazaki, Takao; Torikata, Akio; Nakajima, Mutsuo; Enokita, Ryuzou; Katayama, Toshiaki; and Iwado, Seigo, 4,557,933, Cl. 424-118.000.
  Ide, Junya; Muramatsu, Shigeki; Nakada, Yasuo; and Kitano, Noritoshi, 4,547,520, Cl. 514-450.000.
  Ikegami, Yoshihiko; Kurihara, Kozo; Ichikawa, Izuo; and Nakane, Hisanori, 4,533,562, Cl. 427-3.000.
  Konotsune, Takuo; and Kawakubo, Katsuhiko, 4,508,910, Cl. 548-367.000.
  Kurihara, Kozo; Ichikawa, Izuo; Nakane, Hisanori; and Ikegami, Yoshihiko, 4,497,847, Cl. 427-3.000.
  Manome, Taichi; Ohmine, Toshinori; Okazaki, Takao; and Arai, Mamoru, 4,517,300, Cl. 435-317.000.
  Matsueda, Rei; Yabe, Yuichiro; Yamazaki, Mitsuo; Kokubu, Tatsuo; and Hiwada, Kunio, 4,548,926, Cl. 514-19.000.
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  Miyoshi, Akio, 4,541,759, Cl. 408-76.000.
  Nagano, Mitsuo; Hirai, Koichi; Kitamura, Kouichi; Shinkai, Kenkichi; and Yasuda, Hiroshi, 4,545,942, Cl. 260-465.00D.
  Sato, Yasunobu; Fukumi, Hiroshi; Koike, Hiroyuki; and Kitahara, Nobuaki, 4,495,188, Cl. 514-260.000.
  Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.
  Terahara, Akira; and Tanaka, Minoru, 4,517,373, Cl. 549-292.000.
  Terahara, Akira; and Tanaka, Minoru, 4,537,859, Cl. 435-146.000.
  Toda, Toshimasa; and Kurumada, Tomoyuki, 4,533,688, Cl. 524-100.000.
  Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, 4,562,193, Cl. 514-358.000.
Sankyo Dengyo Co., Ltd.: *See—*
  Masuda, Hiroaki, 4,545,897, Cl. 209-135.000.

Sankyo Manufacturing Company, Ltd.: *See—*
Kato, Heizaburo, 4,549,683, Cl. 226-142.000.
Sankyo Rikagaku Kabushiki Kaisha: *See—*
Tsuruta, Hirobumi; and Kondo, Kiichi, 4,507,383, Cl. 430-275.000.
Sankyo Yuki Kabushiki Kaisha: *See—*
Yoshida, Tadayuki, 4,555,345, Cl. 210-705.000.
Sanma, Takahide: *See—*
Kume, Hisao; and Sanma, Takahide, 4,495,437, Cl. 313-403.000.
Sanneman, Richard W.: *See—*
Dochow, Claude; Patterson, Mark L.; and Sanneman, Richard W., 4,560,987, Cl. 343-17.700.
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Straub, Ferdinand; Sanner, Axel; Seib, Karl; and Lang, Siegfried, 4,551,512, Cl. 526-264.000.
Sanner, Jim W.: *See—*
McKinley, Mark J.; and Sanner, Jim W., 4,511,477, Cl. 210-689.000.
Sanner, Medford D., to Recognition Equipment Incorporated. Image processing integrated circuit. 4,491,964, 1-1-85, Cl. 382-50.000.
Sannikov, Jury I.: *See—*
Sychev, Anatoly P.; Sannikov, Jury I.; Grinin, Jury A.; Polyakov, Ivan P.; and Abdeev, Jury M., 4,519,836, Cl. 75-25.000.
Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav P.; and Toguzov, Mels Z., 4,521,245, Cl. 75-21.000.
Sannomiya, Kunio: *See—*
Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.
Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.
Tsuchiya, Hiroyoshi; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Otsuka, Hirotaka, 4,551,768, Cl. 358-283.000.
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Suzuki, Toru; Sano, Eiichi; and Hanamura, Yoshihiko, 4,526,450, Cl. 351-206.000.
Sano, Fumiaki: *See—*
Hirahara, Takuho; Sano, Fumiaki; Ishijima, Koji; Kawaguchi, Susumu; and Nakane, Kazuhiro, 4,560,329, Cl. 418-47.000.
Sano, Fumihiko: *See—*
Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,088, Cl. 204-182.500.
Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,091, Cl. 204-301.000.
Sano, Hideo: *See—*
Musumiya, Raita; Sano, Hideo; Izichi, Yasuto; Inoue, Mitsuru; and Izawa, Kenzyu, 4,522,082, Cl. 74-512.000.
Sano, Hiroshi: *See—*
Komiyama, Noboru; Itoi, Hiroshi; and Sano, Hiroshi, 4,512,968, Cl. 424-48.000.
Sano, Keizo: *See—*
Miyoshi, Takehiko; Matsumoto, Tadayuki; and Sano, Keizo, 4,526,738, Cl. 264-176.00F.
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Sano, Konosuke: *See—*
Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.
Sano, Masakatsu: *See—*
Muroi, Akira; Sano, Masakatsu; Kamiya, Junichi; Okajima, Masao; and Inoue, Arifumi, 4,538,697, Cl. 180-68.400.
Sano, Mikio: *See—*
Tarnoff, Sherwin S.; and Sano, Mikio, 4,534,264, Cl. 89-14.300.
Sano, Mineo: *See—*
Ito, Haruhiko; and Sano, Mineo, 4,502,031, Cl. 335-277.000.
Sano, Nichiro; and Tsuno, Kazuhiko, to Asahi Yukizai Kogyo Co., Ltd. Diaphragm valve. 4,545,565, 10-8-85, Cl. 251-331.000.
Sano, Osamu, to Koyo Auto-Mech. Co., Ltd. Rotation control valve of power steering system. 4,535,798, 8-20-85, Cl. 137-625.210.
Sano, Sadao: *See—*
Inoue, Kiyoshi; Onoue, Makoto; and Sano, Sadao, 4,551,602, Cl. 219-69.00D.
Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, to Toa Grout Kogyo Co., Ltd.; Mitsui Toatsu Chemicals, Inc.; and Tonan Kaihatsu Kogyo Co., Ltd. Method for injecting grouting agent and apparatus for conducting the method. 4,514,112, 4-30-85, Cl. 405-269.000.
Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, to Toa Grout Kogyo Co., Ltd.; Mitsui Toatsu Chemicals, Inc.; and Tonan Kaihatsu Kogyo Co., Ltd. Boring-injection device, method for improving ground by means of the device and method for investigating ground state by means of the device. 4,545,702, 10-8-85, Cl. 405-269.000.
Sano, Shigehisa; Seto, Isao; Koseki, Hiroyuki; and Minomura, Mana, to Bridgestone Tire Company Limited. Pneumatic radial tires having an improved bead portion durability. 4,508,152, 4-2-85, Cl. 152-356.00R.
Sano, Shigehisa: *See—*
Ogino, Takao; Watanabe, Yoichi; and Sano, Shigehisa, 4,520,857, Cl. 152-527.000.
Sano, Shinichi: *See—*
Yamaguchi, Keiki; and Sano, Shinichi, 4,501,278, Cl. 128-660.000.
Sano, Shinji: *See—*
Kanematsu, Hiroyuki; Nagae, Akimitsu; and Sano, Shinji, 4,558,419, Cl. 364-474.000.
Sakai, Takayoshi; Sano, Shinji; and Matsumoto, Koji, 4,528,633, Cl. 364-474.000.
Sano, Shiro, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for manufacture of low thermal expansion cordierite ceramics. 4,495,300, 1-22-85, Cl. 501-102.000.
Sano, Shoichi; and Furukawa, Yoshimi, to Honda Giken Kogyo Kabushiki Kaisha. Steering system for vehicles. 4,505,491, 3-19-85, Cl. 280-91.000.
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Sano, Shoichi: *See—*
Furukawa, Yoshimi; and Sano, Shoichi, 4,538,824, Cl. 280-91.000.
Furukawa, Yoshimi; Sano, Shoichi; Takamatsu, Hiroshi; and Sato, Makoto, 4,553,768, Cl. 280-91.000.
Furukawa, Yoshimi; Sano, Shoichi; and Takamatsu, Hiroshi, 4,558,877, Cl. 280-91.000.
Sano, Shoji: *See—*
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Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, to Takara Shuzo Co., Ltd.; and Nippon Shinyaku Co., Ltd. Of4949. 4,554,289, 11-19-85, Cl. 514-450.000.
Sano, Susumu: *See—*
Nomura, Yoshika; Sano, Susumu; and Shoji, Sadahiro, 4,559,103, Cl. 162-160.000.
Sano, Tadaaki: *See—*
Suzuki, Masamichi; Sugihara, Atsushi; Sano, Tadaaki; and Suzuki, Toshihiro, 4,499,123, Cl. 427-282.000.
Sano, Tadashi, to Kabushiki Kaisha Suwa Seikosha. Electronic music note generator. 4,545,279, 10-8-85, Cl. 84-1.260.
Sano, Takamitsu: *See—*
Kashiwagi, Yoshiyuki; Sano, Takamitsu; and Kitakizaki, Kaoru, 4,547,640, Cl. 200-144.00B.
Sano, Takashi: *See—*
Maki, Hirohisa; Sano, Takashi; and Yamamoto, Misao, 4,555,536, Cl. 524-66.000.
Sano, Takeshi: *See—*
Kamei, Ryosuke; Tanaka, Toyoaki; Sano, Takeshi; and Kotani, Masataka, 4,504,432, Cl. 264-177.00F.
Sano, Tatsuhiko: *See—*
Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, 4,557,871, Cl. 556-183.000.
Sano, Tetsuo; Orita, Susumu; Yamazaki, Masaya; and Moriyama, Kazuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Air conditioner. 4,519,214, 5-28-85, Cl. 62-156.000.
Sano, Tetsuo, to Dainippon Screen Mfg. Co., Ltd. Method and apparatus for picture signal enhancement. 4,539,478, 9-3-85, Cl. 250-235.000.
Sano, Tetsuo: *See—*
Sakamoto, Takashi; Sano, Tetsuo; Kodama, Eiji; and Choh, Masamichi, 4,561,061, Cl. 364-550.000.
Sano, Tetsuya: *See—*
Miyoshi, Motosuke; and Sano, Tetsuya, 4,538,065, Cl. 250-310.000.
Sano, Tomomi: *See—*
Kawasaki, Kikuo; and Sano, Tomomi, 4,517,651, Cl. 364-479.000.
Kawasaki, Kikuo; and Sano, Tomomi, 4,553,211, Cl. 364-479.000.
Sano, Tsunenori; and Kawaguchi, Kazuo, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Pen core for writing instrument. 4,556,336, 12-3-85, Cl. 401-199.000.
Sano, Tsutomu: *See—*
Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, 4,504,208, Cl. 425-589.000.
Sano, Yasumasa; and Ohwada, Tetsuya, to NSK-Warner K.K.; and Nippon Kinzoku Co., Ltd. Buckle assembly. 4,520,538, 6-4-85, Cl. 24-682.000.
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Sano, Yasuro, to Janome Sewing Machine Co. Ltd. Switching mechanism of control amount in electronic control sewing machine. 4,559,887, 12-24-85, Cl. 112-455.000.
Sano, Yoshiaki, to Fujitsu Limited. Active load circuit. 4,513,252, 4-23-85, Cl. 330-257.000.
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voltage-clamping function and an input current-detecting function. 4,525,637, 6-25-85, Cl. 307-350.000.

Sano, Yoshiaki: *See—*
- Nishimori, Eiji; Tsuchiya, Chikara; and Sano, Yoshiaki, 4,551,644, Cl. 307-573.000.
- Ouchi, Toshiki; and Sano, Yoshiaki, 4,546,695, Cl. 98-121.200.

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Sano, Yoshikazu: *See—*
- Komuro, Isaku; Mori, Hideyasu; and Sano, Yoshikazu, 4,559,417, Cl. 179-99.0LS.

Sano, Yuji: *See—*
- Hashimoto, Hideo; Tomori, Katsuhiko; and Sano, Yuji, 4,547,854, Cl. 364-474.000.

Sano, Yukinori; Hoshi, Yoshikazu; and Takahashi, Ikuo, to Hitachi, Ltd.; and Hitachi Automotive Engineering Co., Ltd. Apparatus for controlling the number of operative cylinders of a diesel engine. 4,552,114, 11-12-85, Cl. 123-481.000.

Sano, Yumiko: *See—*
- Maekawa, Kouji; Kato, Mamoru; Nakagama, Syoji; and Sano, Yumiko, 4,524,117, Cl. 430-44.000.
- Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, 4,492,746, Cl. 430-71.000.
- Miyakawa, Nobuhiro; Higashiguti, Teruaki; Sano, Yumiko; and Funato, Masatomi, 4,551,403, Cl. 430-58.000.

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Sano, Yutaka: *See—*
- Suginoya, Mitsuru; Iwasa, Koji; Kamamori, Hitoshi; Sano, Yutaka; and Terada, Yumiko, 4,522,691, Cl. 204-18.100.

Sanofi: *See—*
- Aubert, Daniel; Ferrand, Claude; and Maffrand, Jean-Pierre, 4,529,596, Cl. 514-231.000.
- Bernhart, Claude; Cautreels, Werner; and Gautier, Patrick, 4,542,134, Cl. 514-236.000.
- Biziere, Kathleen; Hallot, Andre; and Kan, Jean-Paul, 4,540,696, Cl. 514-254.000.
- Blanchard, Jean; and Panak, Edouard, 4,537,894, Cl. 514-301.000.
- Boigegrain, Robert; Maffrand, Jean-Pierre; Suzuki, Norio; Matsubayachi, Kynichi; and Ashida, Shinichiro, 4,515,951, Cl. 546-114.000.
- Carminati, Paolo; Biziere, Kathleen; and Hallot, Andre, 4,542,136, Cl. 514-252.000.
- Chekroun, Isaac; and Heymes, Alain, 4,493,931, Cl. 546-329.000.
- Demarne, Henri; and Wagnon, Jean, 4,510,315, Cl. 548-455.000.
- Frehel, Daniel; Maffrand, Jean-Pierre; and Vallee, Eric, 4,500,534, Cl. 514-301.000.
- Frehel, Daniel; and Maffrand, Jean-Pierre, 4,523,013, Cl. 544-385.000.
- Hallot, Andre; and Biziere, Kathleen, 4,499,092, Cl. 514-254.000.
- Kan, Jean-Paul; Biziere, Kathleen; and Wermuth, Camille-Georges, 4,508,720, Cl. 514-247.000.
- Kan, Jean-Paul; Biziere, Kathleen; and Wermuth, Camille-Georges, 4,524,070, Cl. 514-230.000.
- Kirsch, Francis, 4,499,074, Cl. 424-94.000.
- Nisato, Dino; and Boveri, Sergio, 4,492,711, Cl. 424-285.000.
- Nisato, Dino; Boveri, Sergio; Roncucci, Romeo; and Carminati, Paolo, 4,501,747, Cl. 514-342.000.
- Nisato, Dino; and Boveri, Sergio, 4,514,408, Cl. 514-212.000.
- Nisato, Dino; Frigerio, Marco; and Miranda, Giovanna F., 4,521,428, Cl. 514-277.000.
- Nisato, Dino; and Boveri, Sergio, 4,526,995, Cl. 549-494.000.
- Rosseels, Gilbert; and Polster, Peter, 4,499,095, Cl. 514-299.000.
- Wagnon, Jean; Gautier, Patrick; and Gagnol, Jean-Pierre, 4,522,824, Cl. 514-414.000.
- Wermuth, Camille-Georges; Biziere, Kathleen; and Davi, Horace, 4,514,397, Cl. 514-247.000.

SaNogueira, James P.: *See—*
- Bogardus, Rodger E.; Packer, Jon D.; and SaNogueira, James P., 4,515,784, Cl. 514-63.000.

Sanoian, Corigan. Infrared test for wooden utility poles for structural soundness. 4,495,518, 1-22-85, Cl. 358-113.000.

Sanol Schwarz GmbH: *See—*
- Gockel, Karl-Heinz; Anhauser, Dieter; Hoffmann, Hans R.; and Reinhold, Karl-Heinz, 4,524,095, Cl. 428-43.000.

Sanpei, Keiichi: *See—*
- Matsuda, Yoshiaki; Oohashi, Yoshimitsu; Sanpei, Keiichi; and Nagamine, Yoshifumi, 4,543,079, Cl. 474-111.000.
- Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.

Sanpei, Kenji: *See—*
- Suyama, Satoshi; Uehira, Kiyotaka; Sanpei, Kenji; Sakamoto, Kenichi; and Nakagawa, Koichiro, 4,539,613, Cl. 360-99.000.

Sanpei, Tohru: *See—*
- Wakabayashi, Manabu; Minami, Kihachiro; Sanpei, Tohru; and Konno, Kazutoshi, 4,550,354, Cl. 360-133.000.

Sanraku-Ocean Co., Ltd.: *See—*
- Kubo, Katsuro; Yoshioka, Takeo; Okabe, Mitsuyasu; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,508,648, Cl. 260-245.20T.
- Okumura, Yasushi; Okamura, Kazuhiko; Fugakawa, Yasuo; Ishikura, Tomoyuki; Kouno, Kageaki; and Lein, Joseph, 4,536,397, Cl. 514-11.000.
- Shibamoto, Norio; Yoshioka, Takeo; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,528,397, Cl. 514-400.000.
- Yamada, Yasuji, 4,506,085, Cl. 549-451.000.
- Yoshioka, Takeo; Yamamoto, Kenichi; Fukagawa, Yasuo; Shimauchi, Yasutaka; and Ishikura, Tomoyuki, 4,517,127, Cl. 260-245.20T.

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Sansevero, Nick. Writing instrument with plural implements cam actuated. 4,533,271, 8-6-85, Cl. 401-29.000.

Sansevero, Vincent J., Jr.; and Skrabal, Walter F., to United Technologies Corporation. Fluid medium storage and expulsion apparatus. 4,533,067, 8-6-85, Cl. 222-135.000.

Sanshin Electric Co., Ltd.: *See—*
- Miyata, Hiroyasu; Yamaguchi, Akio; and Watanabe, Keizo, 4,492,125, Cl. 74-10.330.

Sanshin Kogyo Kabushiki Kaisha: *See—*
- Fujimoto, Hiroaki, 4,542,723, Cl. 123-187.50R.
- Fujimoto, Hiroaki, 4,549,508, Cl. 123-73.0PP.
- Iida, Kazumi; and Ikeda, Kenji, 4,549,869, Cl. 440-84.000.
- Iio, Takeshi, 4,545,771, Cl. 440-89.000.
- Iwai, Tomio, 4,493,661, Cl. 440-77.000.
- Iwashita, Takashi, 4,493,659, Cl. 440-61.000.
- Iwashita, Takashi; Atsumi, Shinya; and Nakahama, Ryoji, 4,551,104, Cl. 440-56.000.
- Kobayashi, Hidetaka; and Kinpara, Akiyoshi, 4,507,090, Cl. 440-52.000.
- Nakahama, Ryoji, 4,521,202, Cl. 440-61.000.
- Nakahama, Ryoji, 4,527,441, Cl. 74-378.000.
- Nakahama, Ryoji; and Handa, Kenichi, 4,545,769, Cl. 440-61.000.
- Nakahama, Ryoji, 4,557,696, Cl. 440-61.000.
- Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.
- Nakase, Ryoichi, 4,557,460, Cl. 248-642.000.
- Okazaki, Masaki, 4,522,602, Cl. 440-77.000.
- Okumura, Shigeo, 4,492,198, Cl. 123-413.000.
- Sakurai, Yoshihiro, 4,539,163, Cl. 261-34.00A.
- Sougawa, Masafumi, 4,554,896, Cl. 123-179.00G.
- Sumigawa, Yukio, 4,552,511, Cl. 416-242.000.
- Suzuki, Masayuki, 4,523,556, Cl. 123-196.00W.
- Taguchi, Michihiro, 4,493,662, Cl. 440-83.000.
- Takayasu, Hidekazu, 4,518,540, Cl. 261-18.00B.
- Torigai, Katsumi; and Oka, Akio, 4,543,921, Cl. 123-73.00A.
- Watanabe, Eifu, 4,498,875, Cl. 440-88.000.
- Watanabe, Eifu, 4,521,201, Cl. 440-55.000.
- Yamamoto, Yasuo; and Kanno, Isao, 4,492,197, Cl. 123-630.000.

Sansom, David J., to EMI Limited. Apparatus for sensing two components of a magnetic field. 4,525,671, 6-25-85, Cl. 324-252.000.

Sansome, Terry; and Simmel, Thomas L. Toy vehicle and track assembly. 4,537,577, 8-27-85, Cl. 446-445.000.

Sanstrom, Beverly J.: *See—*
- Sanstrom, Grant H.; and Sanstrom, Beverly J., 4,497,280, Cl. 119-51.110.

Sanstrom, Grant H.; and Sanstrom, Beverly J. Timer actuated pet feeder. 4,497,280, 2-5-85, Cl. 119-51.110.

Sansui Electric Co., Ltd.: *See—*
- Tanaka, Susumu; and Ito, Ryosuke, 4,517,528, Cl. 330-297.000.
- Yamamoto, Takaaki, 4,546,394, Cl. 360-53.000.

Sant-Andrea Novara Officine Meccaniche e Fonderie S.p.A.: *See—*
- Bianchi, Angelo, 4,554,709, Cl. 19-218.000.
- Ramasco, Carlo, 4,558,491, Cl. 19-215.000.

Santa Barbara Research Center: *See—*
- Cinzori, Robert J.; and Kern, Mark T., 4,560,874, Cl. 250-339.000.
- Davis, Roland O., 4,514,016, Cl. 308-2.00A.
- Kern, Mark T.; Bell, Robert A.; and Riedl, Max J., 4,544,843, Cl. 250-239.000.

Santa Fe International Corporation: *See—*
- Richardson, Paul; Albers, Daniel C.; and Whitley, David A., 4,516,633, Cl. 166-69.000.

Santacesaria, Elio; Codignola, Franco; Gelosa, Davino; and Carra, Sergio, to Sisassocieta Italianaserie Acetica Sintetica. Process for the separation of mixtures of aromatic hydrocarbons into single components. 4,542,254, 9-17-85, Cl. 585-828.000.

Santalucia, Andre: *See—*
- Billard, Alain A.; Calmettes, Hubert C.; and Santalucia, Andre, 4,549,489, Cl. 102-505.000.

Santalucia, Andre R.: *See—*
- Billard, Alain A.; and Santalucia, Andre R., 4,517,896, Cl. 102-342.000.
- Billard, Alain A.; Santalucia, Andre R.; and Breseghello, Christian, 4,524,670, Cl. 89-1.530.

Santamaria, Raphael: *See—*
- Bourgery, Guy R.; Lacour, Alain P.; Pourrias, Bernard M.; and Santamaria, Raphael, 4,536,500, Cl. 514-212.000.

Santana, Manuel R.: *See—*
- Gardner, William B.; Patel, Parbhubhai D.; Philen, Dan L.; and Santana, Manuel R., 4,555,175, Cl. 356-32.000.

Santangelo, John A.; and DiGiantommaso, Michael, to Codman & Shurtleff, Inc. Endoscope insertion cannula assembly. 4,550,715, 11-5-85, Cl. 128-4.000.

Santangelo, Joseph G.; and Fernbacher, John M., to Air Products and Chemicals, Inc. In situ coal gasification. 4,512,403, 4-23-85, Cl. 166-261.000.

Santarelli, Paul: *See—*
  Cohn, Robert J.; Olsson, Frank C.; Holzman, James W.; and Santarelli, Paul, 4,550,956, Cl. 312-250.000.

Santefort, Richard A., to Valco Cincinnati, Inc. Blow-off manifold for preventing trailing from a non-contact extrusion adhesive application valve. 4,517,917, 5-21-85, Cl. 118-302.000.

Santek, Inc.: *See—*
  Reif, Robert B.; and McCrady, Paul E., 4,529,418, Cl. 55-119.000.

Santen Pharmaceutical Co., Ltd.: *See—*
  Iso, Tadashi; and Oya, Masayuki, 4,517,123, Cl. 260-239.30R.
  Iwao, Jun-ichi; Oya, Masayuki; and Iso, Tadashi, 4,496,578, Cl. 514-423.000.
  Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,547,513, Cl. 514-321.000.
  Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,552,969, Cl. 548-179.000.
  Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,558,125, Cl. 544-135.000.
  Mita, Itaru; Iwao, Jun-ichi; Iso, Tadashi; and Oya, Masayuki, 4,552,765, Cl. 514-513.000.
  Oya, Masayuki; and Iso, Tadashi, 4,499,102, Cl. 514-365.000.

Santen, Sven; and Thornblom, Jan, to SKF Steel Engineering AB. Method and plant for conversion of waste material to stable final products. 4,508,040, 4-2-85, Cl. 110-347.000.

Santen, Sven; Mogensen, Palne; Kaij, Mats; and Thornblom, Jan, to SKF Steel Engineering AB. Means for electrically heating gases. 4,543,470, 9-24-85, Cl. 219-383.000.

Santen, Sven: *See—*
  Eriksson, Sune; Santen, Sven; and Bjorling, Gotthard, 4,508,566, Cl. 75-88.000.
  Eriksson, Sune; and Santen, Sven, 4,526,612, Cl. 75-10.00R.
  Eriksson, Sune; Johansson, Borje; and Santen, Sven, 4,548,621, Cl. 55-72.000.

Santen, Sven O., to SKF Steel Engineering AB. Method and device for continuous supply of lumps of material to a shaft. 4,497,609, 2-5-85, Cl. 414-786.000.

Santhanam, Chakra J., to Arthur D. Little, Inc. Method of producing free flowing solids. 4,546,612, 10-15-85, Cl. 62-55.000.

Santi, John D., to Briggs & Stratton Corp. Ignition magneto having an improved primary winding construction. 4,520,288, 5-28-85, Cl. 310-194.000.

Santi, John D., to Briggs & Stratton Corp. Laminated wheel assembly. 4,522,080, 6-11-85, Cl. 74-445.000.

Santiam O. Adams: *See—*
  Adams, Ronald O., 4,530,369, Cl. 132-84.00B.

Santilli, Arthur A.: *See—*
  Scotese, Anthony C.; Morris, Robert L.; Santilli, Arthur A.; and Strike, Donald P., 4,537,968, Cl. 546-209.000.

Santilli, Donald S.; and Zones, Stacey I., to Chevron Research Company. Selective conversion of methanol to low molecular weight olefins over high silica SSZ-13 zeolite. 4,496,786, 1-29-85, Cl. 585-640.000.

Santini, Claudio: *See—*
  Ribaldone, Giuseppe; Felicioli, Maria G.; Santini, Claudio; and Agnes, Giovanni, 4,511,718, Cl. 544-406.000.

Santini, Georges: *See—*
  Giraudon, Raymond; and Santini, Georges, 4,536,502, Cl. 514-227.000.

Santini, William A., Jr., to Silicon Electro-Physics, Inc. Manufacture of sheets of controlled thickness from meltable material. 4,547,259, 10-15-85, Cl. 156-607.000.

Santmyer, Kenneth R., Jr. Convertible log splitting device. 4,509,573, 4-9-85, Cl. 144-193.00D.

Santo Industries Co., Ltd.: *See—*
  Watabe, Takaharu, 4,513,474, Cl. 16-243.000.

Santo, Philip J. Mechanism for maintaining the shape of a floatation sleep system. 4,491,993, 1-8-85, Cl. 5-451.000.

Santo, Philip J. Floatation sleep system. 4,501,036, 2-26-85, Cl. 5-452.000.

Santo, Philip J. Floatation sleep system. 4,513,463, 4-30-85, Cl. 5-452.000.

Santomango, Anthony; and Hatheway, Nicholas N., Jr., to Artronics Corporation. Electronic burn-in system. 4,542,341, 9-17-85, Cl. 324-158.00F.

Santoni, Cesar, to Greif Bros. Corporation. Nesting drums-method of making the same. 4,512,700, 4-23-85, Cl. 413-4.000.

Santoni & Co. S.p.A.: *See—*
  Ferraris, Carlo, 4,492,097, Cl. 66-108.00R.

Santopietro, Frank J.; and Santopietro, Thomas V., Jr. Orthotic device. 4,517,981, 5-21-85, Cl. 128-581.000.

Santopietro, Thomas V., Jr.: *See—*
  Santopietro, Frank J.; and Santopietro, Thomas V., Jr., 4,517,981, Cl. 128-581.000.

Santos, Llandro C.: *See—*
  Amariti, Luigi; and Santos, Llandro C., 4,499,170, Cl. 430-169.000.

Santos, Stephen: *See—*
  Moore, Herbert; Santos, Stephen; and Wysong, Robert D., 4,505,888, Cl. 424-1.100.

Santos, Theodore J., Jr.; and Pearlman, Gordon E., to Western Steel Cutting, Inc. Curb stake with integral support. 4,533,112, 8-6-85, Cl. 249-3.000.

Santoso, Muljadi; and Anderson, John N., to Raymark Industries, Inc. Fluoroelastomer-based friction material having improved frictional properties. 4,530,881, 7-23-85, Cl. 428-421.000.

Santostasi, Paul A.; Dutt, Herbert V.; and Pirkau, Arno F., to Sun Coast Plastics, Inc. Tamper evident closure. 4,534,480, 8-13-85, Cl. 215-252.000.

Santostasi, Paul A.: *See—*
  Dutt, Herbert V.; and Santostasi, Paul A., 4,526,282, Cl. 215-252.000.
  Dutt, Herbert V.; and Santostasi, Paul A., 4,552,328, Cl. 249-67.000.

Santrade Ltd.: *See—*
  Backlund, Lars K., 4,554,985, Cl. 175-371.000.
  Bellmann, Bernhard G.; Birkner, Horst W.; and Kaminsky, Theo, 4,545,107, Cl. 29-568.000.
  Bylund, Sven O., 4,512,689, Cl. 407-40.000.
  Bylund, Sven O., 4,525,109, Cl. 407-36.000.
  Bylund, Sven O., 4,531,864, Cl. 407-114.000.
  Cowdery, James R.; Park, David B.; and Khoylian, Rouzas R., 4,540,083, Cl. 198-465.100.
  Froeschke, Reinhard, 4,559,000, Cl. 425-6.000.
  Gebhardt, Wolfgang, 4,529,344, Cl. 409-218.000.
  Hofling, Mats E., 4,509,887, Cl. 408-239.00R.
  Kaminsky, Theo, 4,514,116, Cl. 408-161.000.
  Karlsson, Harry L., 4,516,640, Cl. 175-227.000.
  Khoylian, Rouzas R.; Cowdery, James R.; and Park, David B., 4,503,968, Cl. 198-472.000.
  Larsson, Lars E., 4,540,200, Cl. 285-332.400.
  Lindholm, Leif, 4,497,660, Cl. 75-240.000.
  Lindlar, Wilhelm; and Wermeister, Gunter, 4,533,282, Cl. 407-38.000.
  Lundvall, Nils G., 4,505,625, Cl. 408-155.000.
  Moren, Rolf R., 4,557,609, Cl. 384-94.000.
  Okada, Minoru, 4,493,594, Cl. 407-41.000.
  Royer, Wayne H., 4,514,167, Cl. 432-11.000.
  Sundstrom, Erik W., 4,506,444, Cl. 30-122.000.
  Trotter, Donald J., 4,500,765, Cl. 219-73.210.
  Wilhelmsson, Per H., 4,560,408, Cl. 75-128.00A.

Santroch, George; and Jirkovsky, Ivo, to American Home Products Corporation. [2-(1H-indol-1-yl)ethyl]-2-piperazine and pyrido[1,2-a]indol-9-one as intermediates for pyrazino(2,3-3,4)pyrido(1,2-a) indoles which are useful for treating hypertension in mammals. 4,515,949, 5-7-85, Cl. 544-343.000.

Santrol Products, Inc.: *See—*
  Graham, John W.; and Sinclair, A. Richard, 4,527,627, Cl. 166-280.000.
  Graham, John W.; and Sinclair, A. Richard, 4,553,596, Cl. 166-295.000.

Santucci, Edward A.; and Racz, William B., to Johnson & Johnso Dental Products Company. Method for masking discoloration o teeth. 4,512,743, 4-23-85, Cl. 433-217.000.

Santy, James L. Ski and pole holder. 4,531,661, 7-30-85, Cl. 224-191.000

Santy, Jean: *See—*
  Peroux, Bernard; Santy, Jean; and Sutter, Jean, 4,510,965, Cl. 137-375.000.

Sanui, Kohei: *See—*
  Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro 4,556,619, Cl. 430-17.000.

Sanuki Kogyo Kabushiki Kaisha: *See—*
  Sanuki, Sannosuke; and Morikawa, Hideyuki, 4,547,340, Cl. 422-116.000.

Sanuki, Sannosuke; and Morikawa, Hideyuki, to Kabushiki Kaish Daini Seikosha; and Sanuki Kogyo Kabushiki Kaisha. Automati extractor. 4,547,340, 10-15-85, Cl. 422-116.000.

Sanuki, Toshio: *See—*
  Shimada, Kengo; Chiba, Yutaka; and Sanuki, Toshio, 4,498,363, Cl. 84-1.010.

Sanvito, Roberto, to Rockwell-Rimoldi S.p.A. Workpiece positione for sewing units. 4,493,277, 1-15-85, Cl. 112-153.000.

Sanvito, Roberto, to Rockwell-Rimoldi S.p.A. Dual needle bar sewin machine. 4,546,714, 10-15-85, Cl. 112-155.000.

Sanwa Chemical Industries, Inc., Ltd.: *See—*
  Inui, Emiko; Iwano, Takao; Hara, Seishi; Mikami, Yukio; Kurita Hideo; and Aoki, Yoshiaki, 4,504,433, Cl. 264-232.000.

Sanwa Kagaku Kenkyusho Co. Ltd.: *See—*
  Kurono, Masayasu; Yamaguchi, Takuji; and Usui, Toshina 4,528,143, Cl. 260-465.00G.
  Toyoshima, Shigeshi; Kurono, Masayasu; Unno, Ryoichi; and Ito Koichi, 4,560,679, Cl. 514-63.000.

Sanwa Kako Company Limited: *See—*
  Yoshida, Iwao; Kasanami, Takeo; and Miura, Shuji, 4,519,963, Cl. 264-45.300.

Sanwa Seiki Mfg. Co., Ltd.: *See—*
  Koyanagi, Yuzo; Koike, Tetuo; Suzuki, Takayuki; and Shiozak Tadakazu, 4,527,531, Cl. 123-501.000.
  Koyanagi, Yuzo, 4,535,402, Cl. 364-152.000.
  Koyanagi, Yuzo, 4,558,679, Cl. 123-502.000.

Sanwa Shoji Co., Ltd.: *See—*
  Ishii, Katsuyoshi; Kobori, Michio; and Morimoto, Seich 4,554,255, Cl. 436-102.000.

Sanyei Corporation: *See—*
  Ozaki, Osamu, 4,527,671, Cl. 188-82.740.

Sanymetal Products Co., Inc., The: *See—*
  Clancy, Frank M., Jr., 4,502,183, Cl. 16-318.000.

- Sanyo Chemical Industries, Ltd.: *See—*
  - Goto, Takaharu; Sato, Takeshi; Sakai, Kouzou; and Ii, Motohiko, 4,547,223, Cl. 106-90.000.
  - Hagio, Shigeru; and Kawachi, Youji, 4,524,104, Cl. 428-341.000.
  - Kumata, Koji; and Fukuda, Masao, 4,542,165, Cl. 521-137.000.
  - Okada, Masashi; Nishigakiuchi, Yasushi; and Tominaga, Yoichi, 4,529,447, Cl. 106-287.240.
- Sanyo Denki Co., Ltd.: *See—*
  - Niimura, Yoshihisa; and Shimamura, Shin, 4,549,104, Cl. 310-67.00R.
- Sanyo Electric Co., Ltd.: *See—*
  - Aoki, Yoshiaki; Suzuki, Hazime; and Hirota, Tatsuya, 4,516,335, Cl. 34-133.000.
  - Asao, Motoaki; and Nanko, Hideaki, 4,561,100, Cl. 375-99.000.
  - Deguchi, Yutaka; Kouzuki, Rikuzou; Iinuma, Daiwa; Shiraki, Kenhachi; Sakamoto, Kiyoshi; Tsuboi, Kunio; and Shibata, Yoshitaka, 4,531,823, Cl. 355-3.00R.
  - Fujimoto, Isao, 4,555,808, Cl. 455-180.000.
  - Fujiwara, Masakatu; Miyamoto, Takeshi; Kuzuhara, Hiroshi; and Morimoto, Toshiya, 4,541,573, Cl. 241-36.000.
  - Hashimoto, Hisashi, 4,507,368, Cl. 429-62.000.
  - Hayashi, Gentaro; Yamamoto, Kenji; and Kuraseko, Takao, 4,494,390, Cl. 68-23.700.
  - Hayashi, Nobutaka; and Komori, Yoshinori, 4,523,236, Cl. 358-341.000.
  - Himukai, Mamoru, 4,545,794, Cl. 55-362.000.
  - Horinouchi, Atsushi, 4,517,429, Cl. 219-10.55B.
  - Ito, Hisao, 4,510,589, Cl. 369-11.000.
  - Kojima, Toshitada, 4,499,357, Cl. 219-10.55B.
  - Kumata, Masao; and Matsuoka, Noriaki, 4,508,793, Cl. 429-26.000.
  - Kusakabe, Hiroyoshi; Ishiko, Hideo; Okumura, Takeshi; Izumi, Masashi; and Furukawa, Masahiro, 4,505,123, Cl. 62-148.000.
  - Mitani, Nobuhiro; and Furusawa, Toshihiro, 4,547,807, Cl. 358-213.000.
  - Morimoto, Masao; Sano, Shoji; Yoshimi, Kazuyoshi; and Saitou, Kazuo, 4,521,153, Cl. 415-146.000.
  - Murakami, Yoshihiro; and Hosoya, Nobukazu, 4,520,328, Cl. 332-31.00T.
  - Nakamura, Kenzi, 4,499,522, Cl. 361-331.000.
  - Nakata, Takeshi; Horinouchi, Atsushi; and Taino, Kazuo, 4,553,011, Cl. 219-10.55B.
  - Nishida, Susumu; Fuchigami, Tadashi; Kimura, Seiji; Kishi, Shunsaku; and Kobayashi, Akio, 4,527,624, Cl. 165-184.000.
  - Oie, Naoyuki; Koyama, Hiromichi; and Takegawa, Takafumi, 4,541,847, Cl. 55-124.000.
  - Okano, Shizuo, 4,515,872, Cl. 429-65.000.
  - Okuda, Tadao, 4,540,866, Cl. 219-10.770.
  - Okumura, Ryuichi; Dohi, Hidemi; and Togawa, Shingo, 4,541,748, Cl. 400-470.000.
  - Sakamoto, Junji; and Kishi, Hiroyasu, 4,496,978, Cl. 358-155.000.
  - Sato, Takehisa, 4,510,563, Cl. 363-20.000.
  - Tadanobu, Yamazawa; and Kentaro, Inoue, 4,562,378, Cl. 313-499.000.
  - Takaoka, Daizo, 4,493,940, Cl. 136-248.000.
  - Tamura, Takashi; and Ikeda, Masami, 4,542,294, Cl. 250-338.000.
  - Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,536,631, Cl. 219-10.770.
  - Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,556,770, Cl. 219-10.49R.
  - Tokizaki, Hisashi; and Sato, Hironobu, 4,495,450, Cl. 318-138.000.
  - Toya, Syouichi, 4,513,470, Cl. 15-328.000.
  - Tsukamoto, Kazuyoshi; and Sakoguchi, Etsuo, 4,560,851, Cl. 219-10.770.
  - Yamano, Masaru; Nagaoka, Isao; Kuwano, Yukinori; Kawada, Hiroshi; and Sakai, Souichi, 4,542,578, Cl. 29-572.000.
- Sanyo-Kokusaku Pulp Co., Ltd.: *See—*
  - Kubo, Motonobu; and Honda, Kazumi, 4,556,729, Cl. 560-220.000.
  - Mino, Hisashi; and Iizima, Takeshi, 4,551,408, Cl. 430-141.000.
  - Shimizu, Kazuo; Masaoka, Yoshiji; and Takaoka, Mutsuro, 4,539,395, Cl. 528-425.000.
  - Shirakawa, Kiyoshi, 4,540,116, Cl. 229-38.000.
- Sanyo Machine Works, Ltd.: *See—*
  - Kondo, Tatsuhei; Takabe, Noboru; and Horiba, Takeshi, 4,543,350, Cl. 514-18.000.
- Sanzenbacher, Charles W., to Mildrex International, B.V. Reforming of higher hydrocarbons for metal oxide reduction. 4,536,213, 8-20-85, Cl. 75-91.000.
- Saotome, Masaru: *See—*
  - Murakami, Takuya; and Saotome, Masaru, 4,560,027, Cl. 180-312.000.
- Saotome, Yoichiro: *See—*
  - Yoshida, Kei; and Saotome, Yoichiro, 4,551,946, Cl. 49-340.000.
- Saperstein, David D.: *See—*
  - Bellar, Robert J.; Golden, William G.; Saperstein, David D.; and Vats, Ashok, 4,511,986, Cl. 364-576.000.
- Saperstein, Zalman P., to Modine Manufacturing Company. Heat exchanger having a header plate. 4,529,034, 7-16-85, Cl. 165-134.00R.
- Sapi, Janos: *See—*
  - Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Zajer nee Balazs, Maria; Kiss, Bela; Ezer, Elemer; Karpati, Egon; and Szporny, Laszlo, 4,549,020, Cl. 546-51.000.
  - Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Palosi, Eva; Kiss, Bela; Ezer, Elemer; and Hajos, Gyorgy, 4,551,462, Cl. 514-283.000.
- Sapienza, Richard S.: *See—*
  - Slegeir, William A.; Healy, Francis E.; and Sapienza, Richard S., 4,561,859, Cl. 44-1.0SR.
- Sapini, Osvaldo: *See—*
  - Salvati, Patricia; Caravaggi, Anna M.; Temperilli, Aldemio; Bosisio, Germano; Sapini, Osvaldo; and di Salle, Enrico, 4,526,892, Cl. 514-288.000.
- Sapivog: *See—*
  - Fort, Jacques, 4,526,363, Cl. 271-268.000.
- Sapp, Charles. Automatic fish feeding apparatus. 4,526,134, 7-2-85, Cl. 119-51.130.
- Sappel: *See—*
  - Roy, Daniel, 4,561,312, Cl. 73-861.810.
- Sapper, John M. Dripless candle. 4,507,077, 3-26-85, Cl. 431-228.000.
- Sapper, Richard, to Pamont AG. Recliner chair. 4,560,199, 12-24-85, Cl. 297-323.000.
- Sappok, Reinhard J.: *See—*
  - Patil, Arvind S.; Bantjes, John H.; Pepoy, Louis J.; and Sappok, Reinhard J., 4,525,217, Cl. 106-304.000.
- Sapre, Ajit V.: *See—*
  - Graziani, Kenneth R.; and Sapre, Ajit V., 4,542,252, Cl. 585-640.000.
  - Graziani, Kenneth R.; and Sapre, Ajit V., 4,550,217, Cl. 585-324.000.
- Saprokhin, Alexander M.; Friedland, David J.; Baran, Richard M.; Kim, Jung T.; and McCurry, Lynn E., to Allied Corporation. Process for the electrolytic production of fluorine and novel cell therefor. 4,511,440, 4-16-85, Cl. 204-60.000.
- Sapru, Krishna; Reichman, Benjamin; and Liang, Gao, to Energy Conversion Devices, Inc. Photoresponsive amorphous semiconductor materials, methods of making the same, and photoanodes made therewith. 4,511,638, 4-16-85, Cl. 429-111.000.
- Sapru, Krishna; Hong, Kuochih; Fetcenko, Michael A.; and Venkatesan, Srinivasan, to Energy Conversion Devices, Inc. Hydrogen storage materials and methods of sizing and preparing the same for electrochemical applications. 4,551,400, 11-5-85, Cl. 429-94.000.
- Sapru, Krishna: *See—*
  - Ovshinsky, Stanford R.; Sapru, Krishna; and Liang, Gao, 4,537,674, Cl. 204-290.00R.
  - Ovshinsky, Stanford R.; and Sapru, Krishna, 4,544,473, Cl. 204-292.000.
  - Ovshinsky, Stanford R.; Sapru, Krishna; and Yee, Edmund L., 4,545,883, Cl. 204-192.0SP.
  - Venkatesan, Srinivasan; Pinsky, Naum; and Sapru, Krishna, 4,544,461, Cl. 204-128.000.
- Sar-A-Lee, Inc.: *See—*
  - Schwartz, Charles A.; and Cornwell, Kenyon L., 4,557,103, Cl. 53-111.00R.
- Sara Lee Corporation: *See—*
  - Horton, Gilbert L.; Poole, Eddie D.; and Foreman, John W., Jr., 4,558,653, Cl. 112-262.200.
- Sara, Raymond V., to Union Carbide Corporation. Stress relieved metal/ceramic abradable seals. 4,521,496, 6-4-85, Cl. 428-551.000.
- Sara, Raymond V., to Union Carbide Corporation. Oxidation prohibitive coatings for carbonaceous articles. 4,559,270, 12-17-85, Cl. 428-408.000.
- Sarada, Thyagaraja, to Celanese Corporation. Surfactant treated polyolefinic microporous materials capable of multiple re-wetting with aqueous solutions. 4,501,793, 2-26-85, Cl. 428-315.500.
- Saran, Mohan S.: *See—*
  - Campbell, Donald H.; Fifolt, Michael J.; and Saran, Mohan S., 4,533,762, Cl. 568-677.000.
  - Peterson, John A.; Saran, Mohan S.; and Wisnouskas, Joseph S., 4,518,573, Cl. 423-303.000.
- Sarantakis, Dimitrios, to American Home Products Corporation. Cyclic hexapeptides. 4,492,651, 1-8-85, Cl. 260-112.50S.
- Sarantitis, Anthony, to Palcon Corporation. Cart track. 4,502,628, 3-5-85, Cl. 238-122.000.
- Sarasota Automation Limited: *See—*
  - Clark, Michael A. G., 4,491,841, Cl. 340-939.000.
- Sarasso, Angelo: *See—*
  - Franchini, Mauro; Sarasso, Angelo; and Puccetti, Angelo, 4,498,439, Cl. 123-438.000.
- Saravalle, Carlo: *See—*
  - Munari, Fausto; Ostan, Giovanni; Saravalle, Carlo; Tosi, Bruno; and Trestianu, Sorin, 4,559,063, Cl. 55-67.000.
- Saravis, Darren S.: *See—*
  - Saravis, Lawrence M., deceased; Stein, Jeffrey A.; and Saravis, Darren S., 4,512,617, Cl. 308-6.00C.
- Saravis, Lawrence M., deceased (by Saravis, Nancy, executrix); Stein, Jeffrey A.; and Saravis, Darren S., to Barden Corporation. The Linear ball bearing which accommodates shaft misalignment. 4,512,617, 4-23-85, Cl. 308-6.00C.
- Saravis, Nancy, executrix: *See—*
  - Saravis, Lawrence M., deceased; Stein, Jeffrey A.; and Saravis, Darren S., 4,512,617, Cl. 308-6.00C.
- Sarazen, Paul M., Jr.; and Beam, Dennis A. Temperature-responsive automatic ventilator. 4,493,456, 1-15-85, Cl. 236-49.000.
- Sarbacher, Robert I.; and Fechter, Harry R., to Synectics, Inc. Metal-air electrochemical cell. 4,491,624, 1-1-85, Cl. 429-27.000.
- Sarcander, Uwe, to Windmoller & Holscher. Method and apparatus for making plastics-coated sanitary webs of paper. 4,556,527, 12-3-85, Cl. 264-171.000.
- Sarcia, Domenico S., to CVI Incorporated. Cryogenic refrigerator and heat source. 4,520,630, 6-4-85, Cl. 62-6.000.

Sarda, Nandy M., to U.S. Filigree Wideslab, Inc. Method of construction of concrete decks with haunched supporting beams. 4,505,087, 3-19-85, Cl. 52-741.000.

Sardain, Christian: *See—*
  Galais, Michel; Sardain, Christian; Fouin, Jean; Arnaudeau, Marcel; and Morin, Pierre, 4,553,909 Cl. 417-369.000.

Sardella, Louis M.; and Ward, William F., Sr., to Ward Machinery Company, The. Air lift for blank stackers. 4,500,244, 2-19-85, Cl. 414-92.000.

Sardi, Stephen G.: *See—*
  Gorgens, Joseph E.; Goff, Randall; and Sardi, Stephen G., 4,502,334, Cl. 73-705.000.

Sargeant, William C.: *See—*
  Prior, William L.; and Sargeant, William C., 4,504,555, Cl. 428-689.000.

Sargent, Brian; and Skilling, James, to GenRad, Inc. Control apparatus for back-driving computer memory and forcing execution of idle loop program in external memory. 4,554,630, 11-19-85, Cl. 364-200.000.

Sargent, Claud B., to Breston, Michael P., a part interest. Shears for cutting sheet metal. 4,502,222, 3-5-85, Cl. 30-251.000.

Sargent, Colin R.; Brierley, Keith; Wotton, David E. M.; and Coe, Paul L., to I.S.C. Chemicals Limited. Vapor phase soldering using perfluorotetradecahydrophenanthrene ($C_{14}F_{24}$). 4,549,686, 10-29-85, Cl. 228-242.000.

Sargent, Colin R.: *See—*
  Tatlow, John C.; Plevey, Raymond G.; Wotton, David E. M.; and Sargent, Colin R., 4,562,183, Cl. 514-214.000.

Sargent & Greenleaf, Inc.: *See—*
  Remenicky, Joseph M., 4,512,167, Cl. 70-443.000.

Sargent, Harold L. Combined boat trailer and portable dock apparatus. 4,505,619, 3-19-85, Cl. 405-220.000.

Sargent, Jack, to OAO Corporation. Automatic registration control method and apparatus. 4,528,630, 7-9-85, Cl. 364-469.000.

Sargent-Welch Scientific Company: *See—*
  Hanson, David E., 4,519,755, Cl. 418-9.000.

Sarges, Heidrun; Kommoss, Klaus; and Schutte, Valentin H., to U.S. Philips Corporation. Long path length mechanism for automatic insertion and ejection of an information carrier. 4,530,252, 7-23-85, Cl. 74-388.00R.

Sarges, Reinhard, to Pfizer Inc. Method of using [1,2,4]triazolo[4,3-a]quinoxaline-4-amine derivatives as antidepressant and antifatigue agents. 4,495,187, 1-22-85, Cl. 514-250.000.

Sarges, Reinhard, to Pfizer Inc. Method of using [1,2,4]triazolo[4,3-a]quinoxaline-4-amine derivatives as antidepressant and antifatigue agents. 4,547,501, 10-15-85, Cl. 514-250.000.

Sargeson, Alan M.; Herlt, Anthony J.; and Harrowfield, John M., to Australian National University, The. Metal cage complexes and production thereof. 4,497,737, 2-5-85, Cl. 260-239.0BC.

Sargisson, Donald F.; and Toraason, Clifford M., Jr., to General Electric Company. Propeller actuation system. 4,556,366, 12-3-85, Cl. 416-155.000.

Sarh, Branko; and Pasenau, Hartmut, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Apparatus for making a surface type structural component, especially for aircraft. 4,512,837, 4-23-85, Cl. 156-189.000.

Sarh, Branko; and Pasenau, Hartmut, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Surface type structural component, especially for aircraft. 4,524,556, 6-25-85, Cl. 52-807.000.

Sarhan, Shakir: *See—*
  Seiler, Nikolaus; and Sarhan, Shakir, 4,540,582, Cl. 514-561.000.

Sari, Hikmet, to U.S. Philips Corporation. Auto-adaptive amplitude-equalizing arrangement for digital radio links. 4,559,635, 12-17-85, Cl. 375-14.000.

Sarich, Tony R., to Orbital Engine Company Proprietary Limited. Internal combustion engine fuel and air system. 4,519,356, 5-28-85, Cl. 123-533.000.

Sarig, Yoav; Regev, Yitzhak; and Grosz, Friedrich, to State of Israel, Ministry of Agriculture. Apparatus for separating pomegranate seeds, scanning apparatus and techniques useful in connection therewith and storage and packaging techniques for separated seeds. 4,530,278, 7-23-85, Cl. 99-547.000.

Sarin, Sohan L.; and Zandbergen, Teun, to Fokker B.V. Sound attenuating structure. 4,539,245, 9-3-85, Cl. 428-116.000.

Sarin, Vinod K.; Penty, Robert A.; and Buljan, Sergej-Tomislav, to GTE Automatic Electric Laboratories Incorporated. Method of machining cast iron. 4,497,228, 2-5-85, Cl. 82-1.00C.

Sarin, Vinod K., to GTE Automatic Electric Laboratories Incorporated. Indexable insert for mining drill. 4,527,931, 7-9-85, Cl. 407-113.000.

Sarin, Vinod K.: *See—*
  Sanchez, Jaime; and Sarin, Vinod K., 4,527,638, Cl. 175-57.000.

Saringer, John H., to Imasco-CDC Research Foundation. Device for imparting continuous passive motion to human joints. 4,537,083, 8-27-85, Cl. 74-89.150.

Saris, Frans W.: *See—*
  Haisma, Jan; Larsen, Poul K.; De Jong, Tim; Van der Veen, Johannes F.; Douma, Willem A. S.; and Saris, Frans W., 4,554,030, Cl. 148-175.000.

Sarja, Asko, to Sr-Kone Oy. Method and equipment for the compacting of concrete. 4,545,946, 10-8-85, Cl. 264-70.000.

Sarka, Albert J., to Bernal Rotary Systems, Inc. Rotary stripper. 4,561,334, 12-31-85, Cl. 83-27.000.

Sarka, Stephen F.; Abarca, Wayne J.; Johnson, James R.; and Smick, Charles J., Jr., to Meyer Products, Inc. Plow blade mounting with engagable abutting elements. 4,528,762, 7-16-85, Cl. 37-236.000.

Sarkar, Arnab, to Corning Glass Works. Method of forming optical fiber having laminated core. 4,528,009, 7-9-85, Cl. 65-3.120.

Sarkisian, David A.: *See—*
  Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., 4,550,113, Cl. 514-290.000.

Sarkisian, Paul H.; Reimann, Robert C.; and Biermann, Wendell J., to United States of America, Energy. Coupled dual loop absorption heat pump. 4,542,628, 9-24-85, Cl. 62-335.000.

Sarkisian, Robert: *See—*
  Seely, James R.; and Sarkisian, Robert, 4,519,152, Cl. 40-156.000.

Sarkozy, Robert F., to BTU Engineering Corporation. Method for providing substantially waste-free chemical vapor deposition of thin-film on semiconductor substrates. 4,556,584, 12-3-85, Cl. 427-54.100.

Sarle, R. Charles: *See—*
  Owen, Bruce R.; and Sarle, R. Charles, 4,492,519, Cl. 415-145.000.

Sarlo, Thomas J. Test panel for tractor and trailer lights. 4,547,722, 10-15-85, Cl. 324-51.000.

Sarlos, Agoston: *See—*
  Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, 4,533,912, Cl. 340-783.000.

Sarma, Kalluri R.; and Chanley, Charles S., to Solavolt International. Process for the hydrogenation of silicon tetrachloride. 4,542,004, 9-17-85, Cl. 423-342.000.

Sarma, Kalluri R.: *See—*
  Ellis, Ralph J.; Gurtler, Richard W.; and Sarma, Kalluri R., 4,510,015, Cl. 156-617.00R.
  Legge, Ronald; Rice, M. John, Jr.; and Sarma, Kalluri R., 4,555,303, Cl. 156-643.000.
  Lesk, Israel A.; and Sarma, Kalluri R., 4,491,604, Cl. 427-8.000.

Sarnecki, Wilhelm: *See—*
  Ohlinger, Manfred; Vaeth, Guenter; Rudolf, Peter; Sarnecki, Wilhelm; Jakusch, Helmut; Koester, Eberhard; and Melzer, Milena, 4,497,723, Cl. 252-62.560.

Sarnes, Reiner; and Heinrich, Emil. Process and apparatus for removing combustible lubricants from sinterable workpieces. 4,495,148, 1-22-85, Cl. 419-57.000.

Sarnezki, Herbert; and Hubner, Klemens, to Siemens Aktiengesellschaft. Mounting for data display equipment. 4,552,418, 11-12-85, Cl. 312-242.000.

Sarngadharan, Mangalasseril G.: *See—*
  Gallo, Robert C.; Popovic, Mikulas; and Sarngadharan, Mangalasseril G., 4,520,113, Cl. 436-504.000.

Sarno, Felicisimo S.: *See—*
  Corbett, Colin D.; Milloch, Robert L.; and Sarno, Felicisimo S., 4,508,741, Cl. 426-303.000.

Sarnosky, Joseph R.; Wolbrink, David W.; and Otte, Dieter W., to Broan Mfg. Co., Inc. Ventilation fan. 4,510,851, 4-16-85, Cl. 98-42.080.

Sarofeen, George M. J.; and Perkins, Jeffrey T. Method for pattern generation and surfacing of optical elements. 4,534,137, 8-13-85, Cl. 51-284.00R.

Sarofeen, Joseph J.; and Fischer, David M., to Welch Allyn Inc. Independent color adjustment for a video system. 4,546,379, 10-8-85, Cl. 358-42.000.

Saron, John R., to Key Medical, Inc. Flexible light. 4,517,499, 5-14-85, Cl. 315-362.000.

Saros, Stephen, to Technicon Instruments Corporation. Continuous flow metering apparatus. 4,517,302, 5-14-85, Cl. 436-180.000.

Sarosi, Jozsef: *See—*
  Joo, Istvan; Schutz, Lajos; Sarosi, Jozsef; Szabo, Sandor P.; Taal, Janos; and Szebenyi, Otto , 4,543,635, Cl. 364-474.000.

Saroul, Jacques, to Crouzet. Device for testing the insulation of printed circuits. 4,544,881, 10-1-85, Cl. 324-73.0PC.

Sarrantonio, Albert: *See—*
  Renshaw, Theodore A.; and Sarrantonio, Albert, 4,496,095, Cl. 228-102.000.
  Renshaw, Theodore A.; Curatolo, Joseph A., Jr.; and Sarrantonio, Albert, 4,529,115, Cl. 228-1.100.

Sarrazin, Jean-Michel; and Chessel, Bernard, to Compagnie des Produits Industriels de l'Ouest. Window with integral molded frame and process for making same. 4,495,740, 1-29-85, Cl. 52-309.100.

Sarrazin, Rejean: *See—*
  Fontaine, Jean-Guy; Sarrazin, Rejean; and Poirier, Jean-Denis, 4,529,347, Cl. 414-315.000.

Sarrett, Homer J., Jr., deceased: *See—*
  Jack, Douglas S.; and Sarrett, Homer J., Jr., deceased, 4,557,840, Cl. 252-33.200.

Sarrett, Vivian, administratrix: *See—*
  Jack, Douglas S.; and Sarrett, Homer J., Jr., deceased, 4,557,840, Cl. 252-33.200.

Sarson, Gary A., to Standard Telephones and Cables, plc. Tone generation circuit for automatic PCM-TDM telecommunication exchange. 4,541,088, 9-10-85, Cl. 370-110.200.

Sarton, Francois; and Roby, Gerard, to Legrand. Cable tie. 4,490,887, 1-1-85, Cl. 24-16.0PB.

Sartor, Bruno; and Rode, Klaus, to Uranit GmbH. Apparatus for making crisscross-wound layers to form wound bodies. 4,533,089, 8-6-85, Cl. 242-7.210.

Sartor, Thomas F., Jr.: *See—*
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- Sartori, Francesco. Fixture to support adhesive paper rollers on roller brushes for dusting clothing articles. 4,557,011, 12-10-85, Cl. 15-104.00A.
- Sartori, Guido; and Thaler, Warren A., to Exxon Research & Engineering Co. Amino acid mixtures, their alkali metal salts and process for preparing same. 4,525,294, 6-25-85, Cl. 252-182.000.
- Sartori, Guido: *See—*
  - Savage, David W.; and Sartori, Guido, 4,508,692, Cl. 423-228.000.
- Sartori, Mario: *See—*
  - Melindo, Flavio; and Sartori, Mario, 4,528,425, Cl. 179-18.0HB.
- Sartorius GmbH: *See—*
  - Hennemuth, Kurt; Kohn, Heinz G.; Knothe, Erich; and Pradel, Gunter, 4,529,397, Cl. 604-4.000.
  - Hoffmann, Jurgen; Pradel, Gunter; and Reulecke, Fritz, 4,536,291, Cl. 210-457.000.
  - Knothe, Erich; Melcher, Franz-Josef; Stadler, Eberhard; and Exner, Rainer, 4,494,620, Cl. 177-25.000.
  - Knothe, Erich; Eger, Matthias; Stadler, Eberhard; and Engelhardt, Herbert, 4,542,800, Cl. 177-211.000.
  - Maaz, Gunther, 4,503,923, Cl. 177-212.000.
  - Nussbaumer, Dietmar; Perl, Horst; and Vinh, Khuong T., 4,522,713, Cl. 210-136.000.
  - Perl, Horst; Karbachsch, Massoud; Pradel, Gunter; and Reulecke, Fritz, 4,529,419, Cl. 55-158.000.
- Sartwell, James F.: *See—*
  - Van Polen, Alta R., 4,543,097, Cl. 604-333.000.
- Sarugaku, Shinichi; Tsuchihashi, Akira; and Tsuji, Masao, to Hitachi, Ltd.; and Hitachi Keiyo Engineering Co., Ltd. Method and apparatus for welding line tracer control. 4,556,777, 12-3-85, Cl. 219-124.340.
- Saruhashi, Masakuni: *See—*
  - Koyama, Mikio; Okaniwa, Kenichiro; Saruhashi, Masakuni; and Ohmachi, Yuko, 4,557,901, Cl. 422-56.000.
- Sarumaru, Kazumasa. Method of preheating and preforming a green tire. 4,525,320, 6-25-85, Cl. 264-502.000.
- Sarumaru, Kazumasa. Apparatus for vulcanizing a tire. 4,545,750, 10-8-85, Cl. 425-32.000.
- Sarumaru, Kohei; Iwakura, Tomoatsu; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, to Mitsubishi Petrochemical Co., Ltd. Production of alkenylbenzenes. 4,551,571, 11-5-85, Cl. 585-440.000.
- Saruta, Ueki: *See—*
  - Nishikawa, Hiroshi; Saruta, Ueki; and Asai, Shin-ichiro, 4,529,755, Cl. 523-436.000.
- Saruwatari, Minoru, to Qsine Corporation Limited. Dual wheel adapter. 4,521,059, 6-4-85, Cl. 301-36.00R.
- Saruwatari, Minoru: *See—*
  - Milne, William G.; and Saruwatari, Minoru, 4,499,966, Cl. 182-3.000.
- Saruyama, Hideo: *See—*
  - Saito, Isoo; Fujioka, Kotaro; Arai, Hajime; and Saruyama, Hideo, 4,491,657, Cl. 528-308.100.
- Saruyama, Toshio; and Mikami, Ryuzo, to Toray Silicone Company, Ltd. Room temperature vulcanizable polyorganosiloxane compositions containing ketoximosilanes and organotitanates. 4,555,560, 11-26-85, Cl. 528-17.000.
- Saruyama, Toshio: *See—*
  - Mikami, Ryuzo; and Saruyama, Toshio, 4,552,919, Cl. 524-860.000.
- Sarver, Glen E.; and Worstell, Bernard W., to B. F. Goodrich Company, The. Solar actuated drain system. 4,513 768, 4-30-85, Cl. 137-142.000.
- Sarver, Patricia I. Vehicular windshield curtain for inhibiting heat transfer. 4,560,245, 12-24-85, Cl. 296-95.00C.
- Sarwin, Herbert S. Product control system for supermarkets and the like. 4,521,677, 6-4-85, Cl. 235-385.000.
- Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Ishii, Fumiaki; Takamura, Koji; and Nakamura, Takeaki, to Olympus Optical Co., Ltd. Method of cleaning endoscope channels. 4,525,220, 6-25-85, Cl. 134-21.000.
- Sasa, Hiroyuki, to Olympus Optical Co., Ltd. Device for cleaning endoscopes. 4,537,209, 8-27-85, Cl. 134-166.00C.
- Sasa, Hiroyuki: *See—*
  - Ishii, Fumiaki; Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Takamura, Koji; and Nakamura, Takeaki, 4,526,623, Cl. 134-21.000.
  - Takamura, Koji; Ishii, Fumiaki; Nakajima, Yukio; Yabe, Hisao; Sasa, Hiroyuki; and Nakamura, Takeaki, 4,526,622, Cl. 134-21.000.
- Sasa, Nobumasa: *See—*
  - Kojima, Yasuo; and Sasa, Nobumasa, 4,542,088, Cl. 430-273.000.
- Sasagawa, Katsuyoshi; and Imai, Masao, to Mitsui Toatsu Chemicals, Inc. Metal complexes of halogen-substituted o-benzenedithiols. 4,508,655, 4-2-85, Cl. 260-429.00R.
- Sasagawa, Katsuyoshi; Hyugaji, Akio; and Imai, Masao, to Mitsui Toatsu Chemicals, Inc. Resin for high-refractivity lenses and lenses made of same resin. 4,522,993, 6-11-85, Cl. 526-292.400.
- Sasagawa, Katsuyoshi; Noda, Eiichi; and Imai, Masao, to Mitsui Toatsu Chemicals, Inc. Composition suitable for use in the production of laser beam recording/reading means. 4,529,684, 7-16-85, Cl. 430-269.000.
- Sasagawa, Katsuyoshi: *See—*
  - Kanemura, Yoshinobu; Imai, Masao; and Sasagawa, Katsuyoshi, 4,542,201, Cl. 526-314.000.
- Sasage, Tsutomu; Yoshida, Tomohisa; and Yoshida, Toshio, to Nippon Electric Co., Ltd. Flat article feeding apparatus. 4,541,624, 9-17-85, Cl. 271-12.000.
- Sasakawa, Masumi: *See—*
  - Fukumoto, Hiroshi; Inoue, Sukejiro; Sasakawa, Masumi; and Doi, Shinji, 4,533,614, Cl. 430-99.000.
  - Inoue, Sukejiro; Fukumoto, Hiroshi; Sasakawa, Masumi; and Doi, Shinji, 4,533,617, Cl. 430-111.000.
  - Inoue, Sukejiro; Sasakawa, Masumi; Fukumoto, Hiroshi; and Doi, Shinji, 4,535,048, Cl. 430-110.000.
- Sasaki, Akihiko; Arai, Kouji; Takashi, Takano; and Namiki, Yasuomi, to Victor Company of Japan, Ltd. Insert recording system for a video signal. 4,520,405, 5-28-85, Cl. 360-10.300.
- Sasaki, Akira; Mashiko, Kazuyuki; Saitoh, Shouji; and Hakoyama, Akiyoshi, to Hitachi, Ltd. Thermal printer. 4,528,572, 7-9-85, Cl. 346-76.0PH.
- Sasaki, Akira: *See—*
  - Hirao, Katsumi; and Sasaki, Akira, 4,550,865, Cl. 222-402.210.
  - Sunagawa, Makoto; Goda, Koshiro; Enomoto, Masao; and Sasaki, Akira, 4,556,514, Cl. 260-239.00A.
- Sasaki, Atsushi: *See—*
  - Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.
- Sasaki, Atusi: *See—*
  - Momma, Yoshinobu; Funatsu, Tsuneo; and Sasaki, Atusi, 4,497,106, Cl. 29-571.000.
- Sasaki, Gen, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing a semiconductor device utilizing selective oxidation and diffusion from a polycrystalline source. 4,512,074, 4-23-85, Cl. 29-576.00W.
- Sasaki, Gen; and Kameyama, Shuichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for manufacturing semiconductor device. 4,551,911, 11-12-85, Cl. 29-576.00W.
- Sasaki, Gen: *See—*
  - Taguchi, Minoru; and Sasaki, Gen, 4,554,046, Cl. 156-637.000.
- Sasaki, Hajime; and Nishiyama, Shinichi, to Hitachi Cable Ltd. Fin materials for automobile radiators. 4,519,980, 5-28-85, Cl. 420-474.000.
- Sasaki, Haruyoshi: *See—*
  - Sasaki, Makoto; Sasaki, Haruyoshi; and Sato, Hisato, 4,551,280, Cl. 260-465.00D.
- Sasaki, Hideharu; and Shimada, Keizo, to Teijin Limited. Aromatic polyamide paper-like sheet and processes for producing the same. 4,498,957, 2-12-85, Cl. 162-146.000.
- Sasaki, Hideharu: *See—*
  - Shimada, Keizo; Sasaki, Hideharu; Mera, Hiroshi; Sawaki, Toru; and Aoki, Akihiro, 4,507,467, Cl. 528-348.000.
- Sasaki, Hideki, to Japan Medical Supply Co., Ltd. Infusion apparatus. 4,553,964, 11-19-85, Cl. 604-248.000.
- Sasaki, Hidetomo: *See—*
  - Kajiya, Hiroshi; and Sasaki, Hidetomo, 4,557,169, Cl. 83-156.000.
- Sasaki, Hiroaki; Nishiyama, Noboru; and Kamada, Akio, to Kawasaki Steel Corporation. Welding process using laser beam. 4,546,230, 10-8-85, Cl. 219-121.0LD.
- Sasaki, Hiroharu: *See—*
  - Hayashi, Masaaki; and Sasaki, Hiroharu, 4,525,499, Cl. 523-523.000.
- Sasaki, Hirokazu; Morita, Akira; and Yamamoto, Takemasa, to Fuji Photo Film Co., Ltd.; and Nippon Light Metal Co., Ltd. Method for producing supports for lithographic printing plates. 4,561,944, 12-31-85, Cl. 204-33.000.
- Sasaki, Hiromu: *See—*
  - Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,491,853, Cl. 346-76.0PH.
  - Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,560,992, Cl. 346-76.0PH.
- Sasaki, Hiroshi: *See—*
  - Kudo, Hiroyuki; Watanabe, Atsumi; and Sasaki, Hiroshi, 4,562,507, Cl. 361-85.000.
  - Takubo, Hiroichi; and Sasaki, Hiroshi, 4,543,926, Cl. 123-242.000.
- Sasaki, Hisao: *See—*
  - Tanii, Shigetaka; and Sasaki, Hisao, 4,492,510, Cl. 414-733.000.
- Sasaki, Ichiro; Tsutsui, Yujiro; Inoue, Masaru; and Kase, Toru, to Nissan Motor Company, Limited; and Jidosha Denki Kogyo Kabushiki Kaisha. Automatic door locking/unlocking device for an automotive vehicle. 4,502,718, 3-5-85, Cl. 292-336.300.
- Sasaki, Isamu: *See—*
  - Rachi, Kazuo; Kubota, Shouichi; and Sasaki, Isamu, 4,540,589, Cl. 426-250.000.
- Sasaki, Isao, to Nittan Company, Limited. Selectively testable fire detector. 4,498,074, 2-5-85, Cl. 340-514.000.
- Sasaki, Isao, to Nittan Company, Limited. Operation test circuit for fire detectors. 4,506,255, 3-19-85, Cl. 340-514.000.
- Sasaki, Isao; Ii, Yasuaki; and Mori, Hiroshi, to Mitsubishi Rayon Co., Ltd. Modified polyolefin composite material with improved properties. 4,507,423, 3-26-85, Cl. 524-427.000.
- Sasaki, Isao: *See—*
  - Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, 4,504,608, Cl. 523-444.000.
  - Kishida, Kazuo; Sasaki, Isao; Mukai, Nobuhiro; and Asai, Hajime, 4,510,024, Cl. 204-59.00R.
  - Kishida, Kazuo; Sasaki, Isao; Kushi, Kenji; and Sugimori, Masahiro, 4,518,472, Cl. 204-159.150.
  - Kishida, Kazuo; Sasaki, Isao; and Mukai, Nobuhiro, 4,546,145, Cl. 524-780.000.
  - Kishida, Kazuo; Sasaki, Isao; Mori, Hiroshi; and Ii, Yasuaki, 4,550,130, Cl. 523-436.000.
  - Kishida, Kazuo; Sasaki, Isao; and Mori, Hiroshi, 4,562,216, Cl. 523-433.000.

- Sasaki, Issei: *See—*
  - Mansfield, Robert J.; Payne, David N.; and Sasaki, Issei, 4,519,704, Cl. 356-73.100.
  - Payne, David N.; Sasaki, Issei; and Adams, Michael J., 4,515,475, Cl. 356-73.100.
- Sasaki, Itsuo; and Suzuki, Hiroaki. Band pass filter with a switched capacitor. 4,520,283, 5-28-85, Cl. 307-520.000.
- Sasaki, Itsuo; Suzuki, Hiroaki; and Kamichika, Masakazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Adaptive delta codec which varies a delta signal in accordance with a characteristic of an input analog signal. 4,532,494, 7-30-85, Cl. 340-347.0AD.
- Sasaki, Itsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Switched capacitor integrator. 4,550,295, 10-29-85, Cl. 333-19.000.
- Sasaki, Itsuo; and Matsuo, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Low pass filter. 4,558,292, 12-10-85, Cl. 333-173.000.
- Sasaki, Itsuo: *See—*
  - Abou, Shouji; and Sasaki, Itsuo, 4,524,328, Cl. 330-253.000.
  - Suzuki, Yasoji; Sasaki, Itsuo; and Abou, Shouji, 4,546,327, Cl. 330-253.000.
- Sasaki, Junichi: *See—*
  - Toyama, Fumiyasu; Murakoshi, Masaaki; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, 4,550,366, Cl. 364-136.000.
- Sasaki, Katutoki: *See—*
  - Matsutani, Kinya; and Sasaki, Katutoki, 4,543,794, Cl. 62-54.000.
- Sasaki, Kazuo: *See—*
  - Watase, Tosio; Mori, Koichi; Sasaki, Kazuo; Onizuka, Katsumi; Yoshikawa, Yuzo; and Fujita, Takeshi, 4,502,323, Cl. 73-49.600.
- Sasaki, Ken; Matsuyama, Shigeru; Koyama, Masaharu; and Ichihara, Kazuyoshi, to Hitachi, Ltd. Fill port seal with first and second photosensitizers. 4,494,825, 1-22-85, Cl. 350-343.000.
- Sasaki, Ken: *See—*
  - Umeda, Takao; Simazaki, Yuzuru; Igawa, Tatsuo; Tanno, Seikichi; Sasaki, Ken; and Miyashita, Takao, 4,505,546, Cl. 350-334.000.
- Sasaki, Kenichi: *See—*
  - Fukuda, Yutaka; and Sasaki, Kenichi, 4,539,394, Cl. 528-354.000.
  - Sugino, Shigemi; Sasaki, Kenichi; and Iwasa, Yoshio, 4,538,569, Cl. 123-316.000.
- Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, to Honda Giken Kogyo Kabushiki Kaisha. Seat belt device for vehicles. 4,496,170, 1-29-85, Cl. 280-801.000.
- Sasaki, Kiichi; Kawade, Tateo; and Nemoto, Seiichiro, to Honda Giken Kogyo Kabushiki Kaisha. Vehicular seat belt device. 4,531,762, 7-30-85, Cl. 280-801.000.
- Sasaki, Koji; Yoshida, Eiichi; and Sawaki, Akira. Copying machine having an image density control device. 4,544,263, 10-1-85, Cl. 355-14.00E.
- Sasaki, Kouji: *See—*
  - Kuwabara, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Sasaki, Kouji, 4,500,998, Cl. 372-61.000.
  - Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, 4,541,097, Cl. 372-87.000.
- Sasaki, Makoto, to Minnesota Mining and Manufacturing Company. Low-profile transfer article. 4,514,457, 4-30-85, Cl. 428-204.000.
- Sasaki, Makoto; Sasaki, Haruyoshi; and Sato, Hisato, to Dainippon Ink and Chemicals, Inc. Nematic liquid crystalline compounds. 4,551,280, 11-5-85, Cl. 260-465.00D.
- Sasaki, Makoto, to Minnesota Mining and Manufacturing Company. Process of making low-profile transfer article. 4,560,587, 12-24-85, Cl. 427-152.000.
- Sasaki, Makoto: *See—*
  - Tsuchiya, Shozo; Sasaki, Makoto; Oshima, Akio; and Hayashi, Hideo, 4,552,923, Cl. 525-68.000.
- Sasaki, Masafumi; Kashiwagi, Susumu; and Hiyoshi, Takanori, to Nissan Motor Company, Limited. Combustion liner support for combustion apparatus. 4,513,569, 4-30-85, Cl. 60-39.310.
- Sasaki, Masaki: *See—*
  - Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.
- Sasaki, Masao; and Onodera, Kaoru, to Konishiroku Photo Industry Co., Ltd. Color photographic light-sensitive material containing UV filter compounds. 4,518,686, 5-21-85, Cl. 430-512.000.
- Sasaki, Masao; and Onodera, Kaoru, to Konishiroku Photo Industry Co., Ltd. Silver halide color photographic products. 4,540,658, 9-10-85, Cl. 430-551.000.
- Sasaki, Masao: *See—*
  - Nishijima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, 4,526,853, Cl. 430-139.000.
  - Nishizima, Toyoki; Sasaki, Masao; and Onodera, Kaoru, 4,540,656, Cl. 430-505.000.
- Sasaki, Masaomi, to Ricoh Company, Ltd. Stilbene derivatives, distyryl derivatives and electrophotographic photoconductor comprising at least one of the derivatives. 4,515,883, 5-7-85, Cl. 430-58.000.
- Sasaki, Masaomi: *See—*
  - Shimada, Masaru; and Sasaki, Masaomi, 4,500,355, Cl. 106-22.000.
- Sasaki, Masaya: *See—*
  - Suzuki, Nobuhiko; Sutoh, Shinji; and Sasaki, Masaya, 4,507,932, Cl. 62-180.000.
  - Suzuki, Nobuhiko; and Sasaki, Masaya, 4,546,617, Cl. 62-180.000.
- Sasaki, Masayuki: *See—*
  - Sado, Ichiro; Kishimoto, Juji; Sasaki, Masayuki; and Cho, Mitsuo, 4,551,818, Cl. 364-900.000.
  - Suzuki, Shinichi; Sasaki, Masayuki; Moriyasu, Toshinori; and Arakawa, Takao, 4,492,452, Cl. 354-430.000.
- Sasaki, Michiaki, to Nissan Motor Company, Limited. Contractible fuel filter device. 4,561,977, 12-31-85, Cl. 210-356.000.
- Sasaki, Minoru; and Kamiya, Toshiharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Drive circuit for display panel having display elements disposed in matrix form. 4,499,459, 2-12-85, Cl. 340-752.000.
- Sasaki, Minoru: *See—*
  - Ikeda, Takayuki; Kouhara, Kazuo; and Sasaki, Minoru, 4,532,293, Cl. 524-754.000.
- Sasaki, Mitsuru; and Ishiguri, Yukio, to Sumitomo Chemical Company, Limited. α-Hydroxyethylphosphinates, and their use as fungicides. 4,544,652, 10-1-85, Cl. 514-127.000.
- Sasaki, Mitsuru; and Ishiguri, Yukio, to Sumitomo Chemical Company, Limited. α-Hydroxyethylphosphinates, and their production and use. 4,554,111, 11-19-85, Cl. 260-502.40R.
- Sasaki, Mitsuru: *See—*
  - Kohsaka, Hideo; Sasaki, Mitsuru; and Ishiguri, Yukio, 4,522,817, Cl. 514-95.000.
- Sasaki, Naoyoshi. Device for holding a workpiece in a press. 4,550,585, 11-5-85, Cl. 72-351.000.
- Sasaki, Noboru; Ishikawa, Takatoshi; and Adachi, Keiichi, to Fuji Photo Film Co., Ltd. Color image forming process. 4,542,091, 9-17-85, Cl. 430-380.000.
- Sasaki, Noboru, to France Bed Co., Ltd. Spring unit. 4,548,390, 10-22-85, Cl. 267-91.000.
- Sasaki, Nobuo, to Fujitsu Limited. High density semiconductor memory array and method of making same. 4,527,181, 7-2-85, Cl. 357-23.700.
- Sasaki, Osamu; Hirose, Naohiro; and Sawada, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Photoreceptor containing a trisazo compound for use in electrophotography. 4,562,131, 12-31-85, Cl. 430-58.000.
- Sasaki, Osamu: *See—*
  - Sawada, Kiyoshi; Goto, Satoshi; Kinoshita, Akira; and Sasaki, Osamu, 4,515,881, Cl. 430-58.000.
  - Takahashi, Jiro; Sawada, Kiyoshi; Kinoshita, Akira; Komamura, Tawara; Goto, Satoshi; and Sasaki, Osamu, 4,537,847, Cl. 430-58.000.
- Sasaki, Sadamitsu: *See—*
  - Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, 4,556,623, Cl. 430-83.000.
- Sasaki, Sadayuki: *See—*
  - Fukushima, Tsutomu; Kawasaki, Kiyoshi; and Sasaki, Sadayuki, 4,515,352, Cl. 266-218.000.
- Sasaki, Satoshi: *See—*
  - Kominami, Yasuo; Ohkubo, Yuichi; Aizawa, Kohki; and Sasaki, Satoshi, 4,525,636, Cl. 307-264.000.
  - Suzuki, Migaku; Kobayashi, Toshio; Sasaki, Satoshi; and Imai, Shigeo, 4,532,173, Cl. 428-218.000.
- Sasaki, Shigeru: *See—*
  - Hayashi, Mitsuji; Endo, Hideo; Oishibashi, Hirotsugu; Aichi, Takeo; and Sasaki, Shigeru, 4,520,756, Cl. 118-699.000.
  - Mori, Hidetomo; Matsushita, Osami; Matsubara, Katsumi; Ida, Michiaki; and Sasaki, Shigeru, 4,557,679, Cl. 418-201.000.
  - Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.
- Sasaki, Shin, to Sony Corporation. Tape cassette. 4,507,692, 3-26-85, Cl. 360-60.000.
- Sasaki, Shosaku; and Kaiya, Nobuo, to Toray Silicone Company, Ltd. Releasable film forming compositions. 4,535,123, 8-13-85, Cl. 524-862.000.
- Sasaki, Shosaku; Kaiya, Nobuo; and Shirahata, Akihiko, to Toray Silicone Company, Ltd. Peellable film-forming organopolysiloxane compositions. 4,559,396, 12-17-85, Cl. 528-15.000.
- Sasaki, Shunichi: *See—*
  - Iida, Takenobu; and Sasaki, Shunichi, 4,520,294, Cl. 315-50.000.
- Sasaki, Shunroku; Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, to Fujitsu Limited. Digital loop filter. 4,562,437, 12-31-85, Cl. 343-394.000.
- Sasaki, Ssamu: *See—*
  - Takahashi, Jiro; Komamura, Tawara; Sawada, Kiyoshi; Sasaki, Ssamu; Goto, Satoshi; and Kinoshita, Akira. 4,495,261, Cl. 430-58.000.
- Sasaki, Susumu, to Fujitsu Limited. Carrier recovery circuit for a PSK modulated signal. 4,507,617, 3-26-85, Cl. 329-50.000.
- Sasaki, Susumu, to Fujitsu Limited. Multistage linear amplifier for a wide range of input signal levels. 4,553,105, 11-12-85, Cl. 330-145.000.
- Sasaki, Tadao, to Sony Corporation. Color subcarrier generator. 4,558,349, 12-10-85, Cl. 358-16.000.
- Sasaki, Takafumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Locking device for door of cooking apparatus. 4,497,513, 2-5-85, Cl. 292-217.000.
- Sasaki, Takafumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Locking device for door of cooking apparatus. 4,509,779, 4-9-85, Cl. 292-254.000.
- Sasaki, Takahisa. Method and device for the separation of suspended solids in waste water. 4,502,958, 3-5-85, Cl. 210-695.000.
- Sasaki, Takao: *See—*
  - Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, 4,543,625, Cl. 364-169.000.
  - Nozawa, Ryoichiro; Kawamura, Hideaki; and Sasaki, Takao, 4,554,497, Cl. 318-636.000.

Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori, to Konishiroku Photo Industry Co., Ltd. Coupler for photography. 4,532,202, 7-30-85, Cl. 430-552.000.

Sasaki, Takashi: *See—*

Kimura, Toshihiko; Kaneko, Yutaka; and Sasaki, Takashi, 4,551,422, Cl. 430-551.000.

Sato, Ryosuke; Kato, Katsunori; Sasaki, Takashi; and Sugita, Hiroshi, 4,554,244, Cl. 430-552.000.

Sasaki, Takehiko; and Koyama, Tamotsu, to Sharp Kabushiki Kaisha. Resilient interconnection for exchangeable liquid crystal panel. 4,545,647, 10-8-85, Cl. 350-331.00R.

Sasaki, Takeshi: *See—*

Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, 4,556,623, Cl. 430-83.000.

Sasaki, Tamotsu; and Tsuchiya, Yutaka, to Toshiba Kikai Kabushiki Kaisha. Workpiece transfer apparatus. 4,558,266, 12-10-85, Cl. 318-571.000.

Sasaki, Teruo: *See—*

Tominaga, Ichiro; and Sasaki, Teruo, 4,543,827, Cl. 73-602.000.

Sasaki, Tetsuo: *See—*

Otake, Noboru; Seto, Haruo; Sasaki, Tetsuo; Sugita, Masanori; Natori, Yohei; and Sueda, Noriyoshi, 4,521,339, Cl. 260-239.30B.

Takagaki, Tokujiro; Sasaki, Tetsuo; and Seike, Haruo, 4,554,227, Cl. 429-178.000.

Sasaki, Tohru; Endoh, Hiroyuki; and Ohira, Seiichi, to Kureha Kagaku Kogyo Kabushiki Kaisha. Vinylidene fluoride resin filament and production thereof. 4,521,483, 6-4-85, Cl. 428-373.000.

Sasaki, Tomoyuki: *See—*

Fujita, Shigeyoshi; Kiuchi, Naoyuki; Sasaki, Tomoyuki; and Fukuhara, Kazuyoshi, 4,545,303, Cl. 104-93.000.

Sasaki, Toshihiko, to Mitsubishi Denki Kabushiki Kaisha. Lifting apparatus. 4,559,840, 12-24-85, Cl. 74-89.210.

Sasaki, Toshimi: *See—*

Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi, 4,509,995, Cl. 148-143.000.

Sasaki, Toshio: *See—*

Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.

Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, 4,504,637, Cl. 526-119.000.

Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, 4,514,512, Cl. 502-107.000.

Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, 4,533,706, Cl. 526-119.000.

Shiga, Akinobu; Sasaki, Toshio; Kojima, Junpei; and Nunose, Akira, 4,554,264, Cl. 502-112.000.

Sasaki, Tsuneo; Ohtomo, Fumio; Yokokura, Takashi; and Kondo, Fumitomo, to Tokyo Kogaku Kikai Kabushiki Kaisha. Displacement measuring device utilizing an incremental code. 4,547,667, 10-15-85, Cl. 250-231.0SE.

Sasaki, Tsuneo: *See—*

Minami, Masana; Tamaki, Hiroshi; Sasaki, Tsuneo; and Kimura, Kazuaki, 4,507,647, Cl. 340-347.00P.

Minami, Masana; Kimura, Kazuaki; Kondo, Masayuki; and Sasaki, Tsuneo, 4,529,964, Cl. 340-347.00P.

Sasaki, Tsutomu, to Billcon Co., Ltd. Coin sorter and counter. 4,561,457, 12-31-85, Cl. 133-3.00G.

Sasaki, Umekichi: *See—*

Tsunemi, Masaaki; and Sasaki, Umekichi, 4,504,403, Cl. 252-68.000.

Sasaki, Yasuharu: *See—*

Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide, 4,510,307, Cl. 544-283.000.

Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, 4,525,589, Cl. 544-128.000.

Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, 4,560,755, Cl. 544-363.000.

Sasaki, Yasusuke, to Teijin Limited. Method and apparatus for switching yarn in turret-type winder. 4,552,313, 11-12-85, Cl. 242-18.00A.

Sasaki, Yoshimasa: *See—*

Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Sasaki, Yoshio; and Saito, Kazuyuki, to Toyota Jidosha Kabushiki Kaisha. Apparatus for actuating intake and exhaust valves in internal combustion engine. 4,539,953, 9-10-85, Cl. 123-90.410.

Sasaki, Yoshio: *See—*

Hashimoto, Masahide; Kurisu, Yoshitaka; Zuiki, Shigeo; and Sasaki, Yoshio, 4,534,183, Cl. 62-374.000.

Kanto, Noriharu; Hosaka, Yukihiro; Sasaki, Yoshio; Kuramoto, Tatsuo; and Kimura, Masato, 4,555,914, Cl. 62-380.000.

Motosugi, Katsuhiko; and Sasaki, Yoshio, 4,523,560, Cl. 123-308.000.

Nouno, Yasushi; Konishi, Masami; and Sasaki, Yoshio, 4,539,952, Cl. 123-90.360.

Sasaki, Yoshitaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing semiconductor device. 4,521,448, 6-4-85, Cl. 427-88.000.

Sasaki, Yoshitaka: *See—*

Samuels, Abe; Yamashita, Keitaro; and Sasaki, Yoshitaka, 4,521,184, Cl. 432-60.000.

Sasaki, Yoshiyuki; Kobayashi, Shigenobu; Okamoto, Tetsuo; and Minemura, Norihiro, to Teijin Limited. Pile fabric with non-mushroom shaped cut ends. 4,539,242, 9-3-85, Cl. 428-92.000.

Sasaki, Yukihiro: *See—*

Koga, Kunio; Sasaki, Yukihiro; and Samejima, Mutsumi, 4,562,288, Cl. 562-608.000.

Sasaki, Yutaka; and Nakamura, Yoshimi, to Nitto Chemical Industry Co., Ltd. Method for production or activation of antimony-containing metal oxide catalysts. 4,504,599, 3-12-85, Cl. 502-304.000.

Sasaki, Yutaka, to Nippon Electric Co., Ltd. Transistor circuit including biassing circuit. 4,504,798, 3-12-85 Cl. 330-296.000.

Sasaki, Yutaka; Kiyomiya, Yutaka; Nakamura, Toshio; Nakamura, Yoshimi; and Yamaguchi, Masanori, to Nitto Chemical Industry Co., Ltd. Process for regeneration of iron-antimony metallic oxide catalysts. 4,536,483, 8-20-85, Cl. 502-20.000.

Sasakura Engineering Co., Ltd.: *See—*

Minami, Kunihiko, 4,537,248, Cl. 165-113.000.

Sasakura, Kazuyuki: *See—*

Sugasawa, Tsutomu; Toyoda, Tatuo; and Sasakura, Kazuyuki, 4,551,554, Cl. 568-322.000.

Sugasawa, Tsutomu; Adachi, Makoto; Sasakura, Kazuyuki; Matsushita, Akira; and Eigyo, Masami, 4,560,684, Cl. 514-221.000.

Sasakura, Masaaki; and Imada, Kunihiko, to Sumitomo Chemical Company, Limited. Method for dyeing blended fiber materials of cellulose fiber and amide nitrogen-containing fiber with mono- and di-functional reactive dyes. 4,557,731, 12-10-85, Cl. 8-531.000.

Sasamori, Yusuke: *See—*

Yamaguchi, Isao; Sasamori, Yusuke; and Takaoka, Hideo, 4,561,770, Cl. 355-57.000.

Sasamoto, Asao, to Hitachi, Ltd. Magnetic disk storage unit with reciprocating magnetic head for cleaning the magnetic disc. 4,510,541, 4-9-85, Cl. 360-97.000.

Sasamoto, Nobuhiko: *See—*

Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, 4,522,040, Cl. 62-419.000.

Sasamoto, Tatsuya, to Kabushiki KaishaKomatsu Seisakusho. Sprocket wheel assembly of endless track-type vehicles. 4,511,186, 4-16-85, Cl. 305-57.000.

Sasamura, Kohei: *See—*

Moriyama, Masaru; and Sasamura, Kohei, 4,528,601, Cl. 360-46.000.

Sasamura, Kohhei; and Moriyama, Masaru, to Victor Company of Japan, Ltd. Magnetic reproducing system for a digital signal. 4,495,528, 1-22-85, Cl. 360-40.000.

Sasamura, Kohhei; and Mori, Takaro, to Victor Company of Japan, Ltd. Circuit arrangement for magnetic recording apparatus having a multi-track head. 4,521,817, 6-4-85, Cl. 360-46.000.

Sasamura, Kouhei, to Victor Company of Japan, Ltd. Equalizer circuit for signal waveform reproduced by apparatus for magnetic digital data recording and playback. 4,495,531, 1-22-85, Cl. 360-65.000.

Sasano, Akira: *See—*

Koike, Norio; Tsukada, Toshihisa; Baji, Toru; and Sasano, Akira, 4,500,915, Cl. 358-44.000.

Sasano, Kiyomi: *See—*

Yamauchi, Toshiaki; Hibi, Tsuneo; Sasano, Kiyomi; and Hayashi, Yoshiki, 4,516,331, Cl. 34-77.000.

Sasano, Nakamichi, to Comnix Kabushiki Kaisha. Bilateral amplifier. 4,554,415, 11-19-85, Cl. 179-170.00G.

Sasano, Naoshige: *See—*

Kowata, Nobuo; and Sasano, Naoshige, 4,497,643, Cl. 65-4.210.

Sasao, Isao, to Mitsubishi Denki Kabushiki Kaisha. Speed detecting device. 4,509,013, 4-2-85, Cl. 324-161.000.

Sasao, Isao, to Mitsubishi Denki Kabushiki Kaisha. Elevator group control apparatus. 4,520,905, 6-4-85, Cl. 187-29.00R.

Sasaoka, Michio: *See—*

Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, 4,499,265, Cl. 544-16.000.

Sasaoka, Seiji: *See—*

Maruyama, Hiromi; Sasaoka, Seiji; Kiuchi, Mitsuo; and Kanehara, Hironori, 4,533,557, Cl. 426-61.000.

Sasaoka, Takashi; and Mitani, Tsuneyoshi, to Musashi Co., Ltd.; and Musashi Engineering Kabushiki Kaisha. Apparatus for counting paper sheets. 4,532,421, 7-30-85, Cl. 250-223.00R.

Sasatani, Seiei: *See—*

Inaba, Kohji; Sasatani, Seiei; Koide, Tatsushi; and Nanya, Tamio, 4,552,751, Cl. 424-19.000.

Sasaya, Hideaki: *See—*

Mitsui, Takao; Sasaya, Hideaki; and Inagaki, Mitsuo, 4,527,964, Cl. 418-55.000.

Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.

Oshiro, Takao; Fukami, Akira; and Sasaya, Hideaki, 4,558,634, Cl. 98-2.180.

Sasayama, Takao; and Amano, Matsuo, to Hitachi, Ltd. Fuel control apparatus for internal combustion engine. 4,497,302, 2-5-85, Cl. 123-489.000.

Sasayama, Takao: *See—*

Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,501,249, Cl. 123-478.000.

Amano, Matsuo; Sakamoto, Shinichi; Hirayama, Takeshi; and Sasayama, Takao, 4,522,178, Cl. 123-478.000.

  Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, 4,523,284, Cl. 364-431.120.

  Hirayama, Takeshi; Amano, Matsuo; Sasayama, Takao; and Baba, Shirou, 4,561,056, Cl. 364-431.050.

  Miki, Masayuki; Suzuki, Seikou; and Sasayama, Takao, 4,499,880, Cl. 123-489.000.

  Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.

  Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, 4,556,807, Cl. 307-491.000.

  Yamada, Kazuji; Sato, Hideo; Kitadate, Yukitaka; Kawakami, Kanji; Kato, Kazuo; and Sasayama, Takao, 4,558,238, Cl. 307-491.000.

Sasazawa, Kazuo: *See—*

  Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, 4,519,942, Cl. 252-520.000.

  Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, 4,541,974, Cl. 264-61.000.

Sase, Masahiro: *See—*

  Kawahara, Hisashi; Kihara, Hiroyuki; and Sase, Masahiro, 4,505,594, Cl. 368-73.000.

Sase, Masatoshi; Onga, Makoto; and Yamanaka, Seisuke, to Sony Corporation. Sample hold circuit for an image pick-up device. 4,496,967, 1-29-85, Cl. 358-44.000.

Sase, Masatoshi; and Yamanaka, Seisuke, to Sony Corporation. Signal processing circuit including image sensor. 4,551,761, 11-5-85, Cl. 358-213.000.

Sase, Masatoshi: *See—*

  Onga, Makoto; Sase, Masatoshi; and Yamanaka, Seisuke, 4.527,190, Cl. 358-30.000.

  Yamanaka, Seisuke; Sase, Masatoshi; Yoshioka, Osamu; and Kajino, Isao, 4,556,912, Cl. 358-213.000.

Sashida, Iwao: *See—*

  Melillo, Louis; Haga, Tsutomu; and Sashida, Iwao, 4,552,243, Cl. 181-169.000.

Sashida, Mitsuaki: *See—*

  Matsui, Fumio; and Sashida, Mitsuaki, 4,501,480, Cl. 354-298.000.

Sashida, Nobuo: *See—*

  Matsumura, Susumu; Yano, Masao; Sashida, Nobuo; and Yamamoto, Yoshihiko, 4,536,816, Cl. 361-91.000.

Sashida, Toshiiku. Supersonic vibration driven motor device. 4,548,090, 10-22-85, Cl. 74-88.000.

Sashida, Toshiiku. Motor device utilizing ultrasonic oscillation. 4,562,374, 12-31-85, Cl. 310-328.000.

Sashiki, Takashi, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing apparatus. 4,497,385, 2-5-85, Cl. 177-59.000.

Sashiki, Takashi; and Sakaeda, Keiko, to Kabushiki Kaisha Ishida Koki Seisakusho. Weighing method and apparatus therefor. 4,508,186, 4-2-85, Cl. 177-1.000.

Sashiki, Takashi; and Sakaeda, Keiko, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus therefor. 4,511,010, 4-16-85. Cl. 177-25.000.

Sashiki, Takashi; and Sakaeda, Keiko, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,527,645, 7-9-85, Cl. 177-1.000.

Sashiki, Takashi; and Sakaeda, Keiko, to Kabushiki Kaisha Ishida Koki Seisakusho. Automatic weighing apparatus and method. 4,537,229, 8-27-85, Cl. 141-83.000.

Sashiki, Takashi; and Sakaeda, Keiko, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus with volume and density sensing. 4,548,286, 10-22-85, Cl. 177-1.000.

Sashiki, Takashi; and Sakaeda, Keiko, to Kabushiki Kaisha Ishida Koki Seisakusho. Combinatorial weighing method and apparatus. 4,552,237, 11-12-85, Cl. 177-25.000.

Sashiki, Takashi: *See—*

  Konishi, Satoshi; and Sashiki, Takashi, 4,522,274, Cl. 177-25.000.

Sashital, Sanat K., to Hughes Aircraft Company. Method of synthesizing thin, single crystal layers of silver thiogallate ($AgGaS_2$). 4,534,822, 8-13-85, Cl. 156-624.000.

Sashital, Sanat K.; Joyce, Robert L.; and Gentile, Anthony L., to Hughes Aircraft Company. Silver thiogallate single crystal layers epitaxially grown from potassium chloride-silver thiogallate solution. 4,540,461, 9-10-85, Cl. 156-624.000.

Sasib S.p.A.: *See—*

  Baroni, Bruno, 4,513,755, Cl. 131-84.00C.

  Cristiani, Athos, 4,505,280, Cl. 131-94.000.

  Cristiani, Athos, 4,558,778, Cl. 198-471.100.

  Lodi, Oliviero; and Armaroli, Gianni, 4,530,633, Cl. 414-414.000.

  Manservisi, Renato; and Fossi, Mario, 4,513,908, Cl. 229-87.00C.

  Manservisi, Renato; and Roffi, Roberto, 4,530,199, Cl. 53-53.000.

  Payne, Kenneth G., 4,509,634, Cl. 198-347.000.

  Zullo, Antonio, 4,502,261, Cl. 53-54.000.

Saska, Thomas J.: *See—*

  Burack, Robert D.; and Saska, Thomas J., 4,532,396, Cl. 219-10.49R.

Saskatchewan Power Corporation: *See—*

  Moffat, Richard P., 4,521,894, Cl. 377-16.000.

Sasnett, Michael W., Hobart, James L.; and Gibson, Larry A., to Coherent, Inc. High power fundamental mode laser. 4,500,996, 2-19-85, Cl. 372-19.000.

Sass, Richard G., to National Electric Control Company. Miniature coaxial conductor pair and multi-conductor cable incorporating same. 4,552,989, 11-12-85, Cl. 174-103.000.

Sassa, Yusei: *See—*

  Takahashi, Kihei; and Sassa, Yusei, 4,520,559, Cl. 29-766.000.

Sassak, Frank, to MSW Corporation. Shrink ring clamp assembly. 4,528,740, 7-16-85, Cl. 29-516.000.

Sassak, John J. Fluid suspended passenger carrying spherical body having universal attitude control. 4,545,574, 10-8-85, Cl. 272-6.000.

Sassano, Daniel R., to Westinghouse Electric Corp. High hot bond strength high flash point low viscosity polyester insulating compositions. 4,520,161, 5-28-85, Cl. 525-11.000.

Sasscer, Lawrence D., to Sperry Corporation. Cache/disk system with writeback regulation relative to use of cache memory. 4,523,206, 6-11-85, Cl. 364-200.000.

Sasscer, Lawrence D.: *See—*

  Swenson, Robert E.; Sasscer, Lawrence D.; and Robinson, Don M., 4,523,275, Cl. 364-200.000.

Sasse, Howard A. Golf club. 4,541,631, 9-17-85, Cl. 273-170.000.

Sasselli, Giacomo: *See—*

  Romano, Ugo; Rivetti, Franco; and Sasselli, Giacomo, 4,514,339, Cl. 260-453.00P.

Sassenfeld, Helmut M.: *See—*

  Brewer, Stephen J.; and Sassenfeld, Helmut M., 4,532,207, Cl. 435-68.000.

Sasser, Bill H.; Walker, Scott H.; and Immell, Raymond G., to Motorola, Inc. Image spatial filter. 4,495,506, 1-22-85, Cl. 343-909.000.

Sasser, Bill H., to Motorola, Inc. Low RCS RF switch and phase shifter using such a switch. 4,516,091, 5-7-85, Cl. 333-161.000.

Sasser, R. Garth; and Hamilton, William C., to Idaho Research Foundation, Inc., The. Antigen associated with early detection of mammalian pregnancy. 4,554,256, 11-19-85, Cl. 436-510.000.

Sassi, Carlo, to Tito Manzini & Figli S.p.A. Process and plant for aseptic filling of pre-sterilized, non-rigid containers. 4,524,563, 6-25-85, Cl. 53-426.000.

Sassmannshausen, Knut O. Lighting fixture with a concave reflector, such as a tail, warning or signal light etc. 4,559,589, 12-17-85, Cl. 362-305.000.

Sasso, Albert. Two dimensional puzzle. 4,524,971, 6-25-85, Cl. 273-153.00S.

Sasso, Bill J., to Servo Technology Corp. Servo rotary motor. 4,510,420, 4-9-85, Cl. 318-37.000.

Sastri, Suri A. Surface coatings and subcoats. 4,556,607, 12-3-85, Cl. 428-627.000.

Sata, Kaoru: *See—*

  Tomisawa, Kazuyuki; Kameo, Kazuya; Matsunaga, Toru; Saito, Shiuji; Nakashima, Yoshimoto; and Sata, Kaoru, 4,541,959, Cl. 260-455.00R.

Satake Engineering Co., Ltd.: *See—*

  Mitsukawa, Zendo, 4,544,280, Cl. 366-141.000.

  Satake, Toshihiko, 4,513,867, Cl. 209-44.200.

  Satake, Toshihiko, 4,515,075, Cl. 99-519.000.

  Satake, Toshihiko; and Hosaka, Yukio, 4,540,286, Cl. 356-445.000.

  Satake, Toshihiko, 4,546,885, Cl. 209-548.000.

Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, to Sumitomo Kinzoku Kogyo Kabushiki Kaisha; and Nippon Paint Kabushiki Kaisha. Metal pipe coated with thermoplastic synthetic resin. 4,500,577, 2-19-85, Cl. 428-36.000.

Satake, Keigo: *See—*

  Aoki, Katsumichi; Kanda, Yoichi; Satake, Keigo; and Shinkawa, Hiroyasu, 4,492,597, Cl. 71-92.000.

  Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.

  Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.

  Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Satake, Masaki: *See—*

  Tomiyama, Hideki; and Satake, Masaki, 4,551,410, Cl. 430-215.000.

Satake, Mitsuo; and Toyota, Shigekata, to Hitachi, Ltd.; and Hitachi Video Engineering Inc. Disk loading and unloading system. 4,561,084, 12-24-85, Cl. 369-75.200.

Satake, Shozo, to Hitachi, Ltd. Programmable logic array, including an arrangement for invalidating faulty and term outputs. 4,511,812, 4-16-85, Cl. 307-465.000.

Satake, Takeshi: *See—*

  Saito, Noboru; Satake, Takeshi; Aoki, Ryuji; and Nagai, Isao, 4,511,671, Cl. 502-242.000.

Satake, Toshihiko, to Satake Engineering Co., Ltd. Sorter for grains, pulses and the like. 4,513,867, 4-30-85, Cl. 209-44.200.

Satake, Toshihiko, to Satake Engineering Co., Ltd. Rice polishing machine. 4,515,075, 5-7-85, Cl. 99-519.000.

Satake, Toshihiko; and Hosaka, Yukio, to Satake Engineering Co., Ltd. Apparatus for continuously measuring the degree of milling of grains. 4,540,286, 9-10-85, Cl. 356-445.000.

Satake, Toshihiko, to Satake Engineering Co., Ltd. Diagnostic device for color sorting apparatus. 4,546,885, 10-15-85, Cl. 209-548.000.

Satake, Toshimi; Maruyama, Kazuo; and Fujimura, Fumio, to Jujo Paper Co., Ltd. Heat-sensitive recording sheet. 4,502,066, 2-26-85, Cl. 346-209.000.

Satake, Toshimi: *See—*
- Fujimura, Fumio; Satake, Toshimi; Iwaguro, Makoto; and Minami, Toshiaki, 4,518,977, Cl. 346-209.000.
- Yamato, Noboru; Satake, Toshimi; Minami, Toshiaki; and Fujimura, Fumio, 4,498,091, Cl. 346-216.000.

Satanek, Joseph: *See—*
- Glasgow, D. Gerald; and Satanek, Joseph, 4,524,190, Cl. 525-370.000.

Satchell, Terry L.; and Custance, Robert E., to General Motors Corporation. Alignment adjustment apparatus for vehicle wheel suspension. 4,493,493, 1-15-85, Cl. 280-661.000.

Satellite Business Systems: *See—*
- Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.

Sater, Bernard L. Method of making a high intensity solar cell. 4,516,314, 5-14-85, Cl. 29-572.000.

Sathe, Dilip S.: *See—*
- Riffe, Delmar R.; Elson, John P.; Sathe, Dilip S.; and Grassbaugh, Walter T., 4,547,131, Cl. 417-53.000.

Sato, Akihiko; and Watanabe, Akira, to Hino Jidosha Kogyo Kabushiki Kaisha. Bypass valve actuator for inertia supercharging in multicylinder engines. 4,527,392, 7-9-85, Cl. 60-313.000.

Sato, Akihiko, to Hitachi Maxell, Ltd. Recording tape cartridge. 4,541,588, 9-17-85, Cl. 242-199.000.

Sato, Akihiko: *See—*
- Fujiwara, Hidetoshi; and Sato, Akihiko, 4,549,566, Cl. 137-117.000.

Sato, Akihiro; Kikuta, Kazutsune; Matsuda, Kenji; Uwai, Toshihiro; and Hanari, Tohru, to Chisso Corporation. Preactivated catalyst for producing α-olefin polymers. 4,514,513, 4-30-85, Cl. 502-112.000.

Sato, Akihiro; Kikuta, Kazutsune; Uwai, Toshihiro; Matsuda, Kenji; and Hattori, Nobutaka, to Chisso Corporation. Process for producing α-olefin polymers. 4,533,705, 8-6-85, Cl. 526-114.000.

Sato, Akihiro: *See—*
- Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Sato, Akihiro, 4,500,682, Cl. 525-240.000.
- Chiba, Hiromasa; Kumahara, Katsumi; Harada, Takakiyo; Oka, Takahiro; and Sato, Akihiro, 4,522,994, Cl. 526-351.000.
- Chiba, Hiromasa; Harada, Takakiyo; Kumahara, Katsumi; Kawazoe, Shunji; and Sato, Akihiro, 4,526,931, Cl. 525-268.000.
- Chiba, Hiromasa; Kumahara, Katsumi; Harada, Takakiyo; Oka, Takahiro; and Sato, Akihiro, 4,550,144, Cl. 525-247.000.
- Shimizu, Hiroshi; Abe, Masaki; and Sato, Akihiro, 4,535,069, Cl. 502-115.000.

Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, to Eisai Co., Ltd.; and Agency of Industrial Science and Technology. Polyprenyl carboxylic acid derivatives. 4,500,463, 2-19-85, Cl. 260-406.000.

Sato, Akio: *See—*
- Harada, Keiji; and Sato, Akio, 4,496,435, Cl. 204-15.000.

Sato, Akira, to Nippon Kogaku K.K. Focus adjusting device in binocular. 4,531,817, 7-30-85, Cl. 350-556.000.

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, to Nippon Petrochemicals Company, Limited. Electrical insulating oil and oil-filled electrical appliances. 4,493,943, 1-15-85, Cl. 174-25.00C.

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, to Nippon Petrochemicals Company, Limited. Electrical insulating oil and oil-filled electrical appliances. 4,506,107, 3-19-85, Cl. 174-25.00C.

Sato, Atsushi; Murai, Yoshikazu; Goto, Masahito; and Mochizuki, Kanji, to Nippon Petrochemicals Company, Limited. Paper sizing composition. 4,514,229, 4-30-85, Cl. 106-135.000.

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, to Nippon Petrochemicals Company, Limited. Electrical insulating oil and oil-filled electrical appliances. 4,543,207, 9-24-85, Cl. 252-570.000.

Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, to Nippon Petrochemicals Company, Limited. Refined electrical insulating oil and oil-filled electrical appliances. 4,549,034, 10-22-85, Cl. 17-17.0LF.

Sato, Atsushige; Miura, Ishi; Kumei, Yasuhiro; Okuno, Osamu; Nakano, Tsuyoshi; and Yoshida, Bunsaku, to Sato, Atsushige; Miura, Ishi; and G-C Dental Industrial Corp. Selenium-containing amalgam alloys for dental restoration and method for the preparation thereof. 4,528,034, 7-9-85, Cl. 75-255.000.

Sato, Eiichi: *See—*
- Maeda, Keikichi; Iijima, Takahiro; and Sato, Eiichi, 4,536,455, Cl. 428-629.000.
- Yano, Takeshi; Fukui, Izumu; Hamatsuki, Takeshige; Sato, Eiichi; and Inui, Osamu, 4,518,887, Cl. 310-328.000.

Sato, Eiji: *See—*
- Arai, Nobukatsu; Machida, Shigeru; Sato, Eiji; Tojo, Kenji; and Uchikawa, Naoshi, 4,496,296, Cl. 418-55.000.
- Arigaya, Hideto; Katsui, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, 4,559,249, Cl. 428-36.000.
- Sumiyoshi, Kikuo; Sato, Eiji; Kojima, Masamitsu; Izumi, Masayoshi; and Miyasaka, Kingo, 4,547,434, Cl. 428-609.000.
- Sumiyoshi, Kikuo; Sato, Eiji; Hirai, Kazuo; Miyasaka, Kingo; and Izumi, Masayoshi, 4,551,393, Cl. 428-609.000.

Sato, Fumihide; and Ono, Toyoichi, to Kabushiki Kaisha Komatsu Seisakusho. Apparatus for controlling fuel injection timing. 4,541,393, 9-17-85, Cl. 123-502.000.

Sato, Fumio: *See—*
- Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.

Sato, Fumitaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Data processing system with improved address translation facility. 4,491,911, 1-1-85, Cl. 364-200.000.

Sato, Fumitaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Information processing system. 4,513,369, 4-23-85, Cl. 364-200.000.

Sato, Giichi; Matuo, Tadashi; and Tabei, Tooru, to Nippon Kayaku Kabushiki Kaisha. Water soluble disazo compound, copper salt thereof, and sheet or film colored therewith. 4,514,559, 4-30-85, Cl. 534-690.000.

Sato, Hachiro, to Fukoku Kogyo Company Limited. Continuous press. 4,499,822, 2-19-85, Cl. 100-117.000.

Sato, Hachiro, to Fukoku Kogyo Company Limited. Continuous press. 4,524,684, 6-25-85, Cl. 100-117.000.

Sato, Haruhito, to Idemitsu Kosan Company Limited. Zeolite-type catalyst and process for preparing same. 4,503,164, 3-5-85, Cl. 502-202.000.

Sato, Haruhito, to Idemitsu Kosan Company Limited. Process for the production of pseudocumene or durene. 4,520,219, 5-28-85, Cl. 585-462.000.

Sato, Haruhito: *See—*
- Oda, Sumihiro; and Sato, Haruhito, 4,491,678, Cl. 585-466.000.

Sato, Hideaki: *See—*
- Tokuume, Yoshihiro; and Sato, Hideaki, 4,546,392, Cl. 360-30.000.
- Yoshikawa, Hiroshi; Hattori, Tetsuya; and Sato, Hideaki, 4,553,674, Cl. 211-26.000.

Sato, Hideki: *See—*
- Koizumi, Haruyuki; Kitao, Zenichi; and Sato, Hideki, 4,532,393, Cl. 200-159.00R.

Sato, Hideo: *See—*
- Horie, Seiji; Nakano, Junji; Nagata, Masayoshi; and Sato, Hideo, 4,500,622, Cl. 430-78.000.
- Horie, Seiji; Kawamura, Kouichi; Makino, Naonori; and Sato, Hideo, 4,557,988, Cl. 430-58.000.
- Inoue, Hiromichi; Inukai, Takashi; Goto, Yasuyuki; Sato, Hideo; and Fukui, Masahiro, 4,522,741, Cl. 252-299.630.
- Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,508,805, Cl. 430-72.000.
- Kawamura, Kouichi; Horie, Seiji; Makino, Naonori; and Sato, Hideo, 4,533,613, Cl. 430-78.000.
- Kawamura, Kouichi; Horie, Seiji; and Sato, Hideo, 4,535,045, Cl. 430-60.000.
- Makino, Naonori; Horie, Seiji; Kawamura, Kouichi; and Sato, Hideo, 4,504,559, Cl. 430-58.000.
- Sano, Kenji; Kondo, Syunichi; and Sato, Hideo, 4,499,167, Cl. 430-83.000.
- Sano, Kenji; Kondo, Syunichi; and Sato, Hideo, 4,500,623, Cl. 430-83.000.
- Sugiyama, Hiroyuki; Shibamoto, Takeshi; Sato, Hideo; Furuki, Tsuneo; Kubo, Mitsuo; and Tanaka, Koji, 4,554,597, Cl. 358-335.000.
- Tanji, Hiroshi; Iwata, Michitaka; and Sato, Hideo, 4,496,505, Cl. 264-101.000.
- Tanji, Hiroshi; Iwata, Michitaka; and Sato, Hideo, 4,542,063, Cl. 428-364.000.
- Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, 4,550,612, Cl. 73-727.000.
- Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, 4,556,807, Cl. 307-491.000.
- Yamada, Kazuji; Sato, Hideo; Kitadate, Yukitaka; Kawakami, Kanji; Kato, Kazuo; and Sasayama, Takao, 4,558,238, Cl. 307-491.000.

Sato, Hidetaka; Uchimura, Shunichiro; Uchigasaki, Isao; and Makino, Daisuke, to Hitachi Chemical Company, Ltd. Compositions of materials for forming protective film in semiconductor device. 4,497,922, 2-5-85, Cl. 524-104.000.

Sato, Hidetaka: *See—*
- Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shun-ichiro; and Suzuki, Hiroshi, 4,511,705, Cl. 528-26.000.

Sato, Hideyori; Inaba, Nobuaki; Arai, Mitsuru; and Onzou, Michio, to Kabushiki Kaisha Komatsu Seisakusho. Hydraulic brake valve system. 4,520,625, 6-4-85, Cl. 60-464.000.

Sato, Hiroaki: *See—*
- Sampei, Takeshi; Miyahara, Norio; Nikaido, Tadanobu; Sato, Hiroaki; and Aoyama, Keizo, 4,512,012, Cl. 370-66.000.

Sato, Hirokazu: *See—*
- Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, 4,491,958, Cl. 381-51.000.

Sato, Hiroki; Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, to Toyota Jidosha Kabushiki Kaisha. Tiltable steering shaft assembly for automotive vehicles. 4,538,478, 9-3-85, Cl. 74-493.000.

Sato, Hiromi: *See—*
- Ishizumi, Kikuo; Muramatsu, Michihisa; Sato, Hiromi; Tanno, Norihiko; and Yoshida, Noboru, 4,545,936, Cl. 260-377.000.

Sato, Hironobu: *See—*
- Tokizaki, Hisashi; and Sato, Hironobu, 4,495,450, Cl. 318-138.000.

- Sato, Hiroshi; Ishii, Norio; and Nakamura, Shyuzo, to Sumitomo Chemical Company, Limited. Method for selective dealkylation of 1,4-dialkylbenzene. 4,499,321, 2-12-85, Cl. 585-486.000.
- Sato, Hiroshi; Yabu, Shuichi; and Kosugi, Masao, to Canon Kabushiki Kaisha. Transfer apparatus provided with an auto-focusing mechanism. 4,506,977, 3-26-85, Cl. 355-53.000.
- Sato, Hiroshi; and Nakamura, Shuzo, to Sumitomo Chemical Company, Limited. Process for nitration of benzene. 4,551,568, 11-5-85, Cl. 568-939.000.
- Sato, Hiroshi, to Canon Kabushiki Kaisha. Projection exposure apparatus. 4,561,773, 12-31-85, Cl. 355-43.000.
- Sato, Hiroshi: *See—*
  - Horiuchi, Michimasa; and Sato, Hiroshi, 4,491,904, Cl. 364-130.000.
  - Kojima, Ichiro; Komiya, Kouji; Sato, Hiroshi; and Oguchi, Yutaka, 4,544,633, Cl. 435-86.000.
  - Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,382, Cl. 75-0.50C.
  - Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,383, Cl. 75-0.50C.
  - Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,413, Cl. 148-420.000.
  - Murata, Yasuzo; and Sato, Hiroshi, 4,536,428, Cl. 428-117.000.
- Sato, Hirosi: *See—*
  - Suzuki, Akiyoshi; Sato, Hirosi; Omata, Takashi; and Kosugi, Masao, 4,521,082, Cl. 350-405.000.
- Sato, Hirotake: *See—*
  - Takasaki, Junsuke; Sato, Hirotake; and Yasuda, Akira, 4,517,031, Cl. 148-12.00C.
- Sato, Hirotsugu: *See—*
  - Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, 4,511,642, Cl. 430-161.000.
- Sato, Hisao: *See—*
  - Arabori, Yoshinari; and Sato, Hisao, 4,501,945, Cl. 219-10.55F.
  - Nagata, Wataru; Nishitani, Yasuhiro; and Sato, Hisao, 4,508,909, Cl. 548-251.000.
  - Tsuji, Teruji; Sato, Hisao; and Hamashima, Yoshio, 4,491,547, Cl. 260-455.00R.
  - Tsuji, Teruji; Sato, Hisao; and Hamashima, Yoshio, 4,532,233, Cl. 514-63.000.
- Sato, Hisashi, to Muroi, Hiroshi, a part interest. Pnuematic mat with sensing means. 4,542,547, 9-24-85, Cl. 5-453.000.
- Sato, Hisato: *See—*
  - Sasaki, Makoto; Sasaki, Haruyoshi; and Sato, Hisato, 4,551,280, Cl. 260-465.00D.
  - Takatsu, Haruyoshi; and Sato, Hisato, 4,558,151, Cl. 560-118.000.
- Sato, Hitoshi: *See—*
  - Ohya, Nobumasa; Imai, Ryusaku; and Sato, Hitoshi, 4,501,931, Cl. 178-18.000.
- Sato, Humiyuki: *See—*
  - Ikegaki, Makoto; Nakanishi, Masayuki; Sato, Humiyuki; and Hashimoto, Tokuo, 4,560,900, Cl. 313-479.000.
  - Nakanishi, Masayuki; Tsuruzoe, Hirohisa; Sato, Humiyuki; and Hashimoto, Tokuo, 4,504,763, Cl. 313-318.000.
- Sato, Ikuro; and Iwata, Ryuichi, to NEC Corporation. Dual-band antenna system of a beam waveguide type. 4,525,719, 6-25-85, Cl. 343-761.000.
- Sato, Jinichi; Kurusu, Toshiro; Kondo, Naoyoshi; and Tamaki, Makoto, to Sato Shokuhin Kogyo Kabushiki Kaisha. Process for the preparation of instant coffee or the like. 4,560,571, 12-24-85, Cl. 426-594.000.
- Sato, Jun, to Shimano Industrial Company Limited. Fishing reel. 4,512,536, 4-23-85, Cl. 242-218.000.
- Sato, Jun, to Shimano Industrial Company Limited. Fishing reel. 4,513,930, 4-30-85, Cl. 242-218.000.
- Sato, Jun; and Nakajima, Hideki, to Shimano Industrial Company Limited. Fishing reel having a spool rotation control mechanism. 4,522,354, 6-11-85, Cl. 242-219.000.
- Sato, Junichi: *See—*
  - Kawauchi, Kazunori; and Sato, Junichi, 4,561,481, Cl. 152-379.300.
- Sato, Kan-ichi; Yamanishi, Akio; and Higashino, Takashi, to Kabushiki Kaisha Komatsu Seisakusho. Pattern for producing a mold and method for manufacture of the pattern. 4,535,831, 8-20-85, Cl. 164-33.000.
- Sato, Kanemasa; and Ueno, Sadayasu, to Hitachi, Ltd. Thermal air flow meter. 4,513,615, 4-30-85, Cl. 73-204.000.
- Sato, Kanemasa; Ueno, Sadayasu; Oyama, Yoshishige; and Nishimura, Yutaka, to Hitachi, Ltd. Air flow meter for internal-combustion engine. 4,527,423, 7-9-85, Cl. 73-118.000.
- Sato, Kanemasa; and Ueno, Sadayasu, to Hitachi, Ltd. Thermal air flow meter. 4,559,814, 12-24-85, Cl. 73-118.000.
- Sato, Kanemasa: *See—*
  - Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Sato, Kanemitsu: *See—*
  - Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, 4,528,246, Cl. 428-596.000.
  - Inomata, Koichiro; Tateishi, Hiroshi; Higashinakagawa, Emiko; and Sato, Kanemitsu, 4,504,327, Cl. 148-31.550.
- Sato, Kanichi: *See—*
  - Yamanishi, Akio; and Sato, Kanichi, 4,518,031, Cl. 164-526.000.
- Sato, Katsuaki: *See—*
  - Arai, Sakuji; Sato, Katsuaki; Kochi, Susumu; and Hishida, Hiroaki, 4,559,776, Cl. 60-280.000.
- Sato, Katsuharu: *See—*
  - Nomura, Susumu; and Sato, Katsuharu, 4,513,408, Cl. 369-46.000.
- Sato, Katsujiro: *See—*
  - Kodama, Hisashi; Hamamoto, Tooru; Tamura, Tetsuomi; Sato, Katsujiro; and Yamada, Kazuharu, 4,535,734, Cl. 123-90.580.
- Sato, Katsunobu: *See—*
  - Hashimoto, Kiyoyasu; Yoshinaga, Kenji; Mori, Yoshio; Seino, Junzaburo; Kenmochi, Hirohito; and Sato, Katsunobu, 4,536,569, Cl. 534-575.000.
- Sato, Katsuo: *See—*
  - Miyamoto, Akira; Sato, Katsuo; Ichikawa, Tetsushi; and Kurokawa, Masahiro, 4,541,958, Cl. 260-404.500.
- Sato, Katsutoshi; Itoh, Susumu; and Aoshima, Masaru, to Hitachi, Ltd. Apparatus for transporting materials to be transferred and method of controlling exciting current therefor. 4,530,428, 7-23-85, Cl. 193-40.000.
- Sato, Kazuhiro; Izumita, [illegible]; Takahashi, Kenji; Akiyama, Toshiyuki; and Nishizawa, [illegible], to Hitachi, Ltd. Pulse generator for solid-state television camera. 4,[illegible],106, 2-5-85, Cl. 358-213.000.
- Sato, Kazuhiro; Kumagai, [illegible]; Ishizuka, Takuo; and Ishizuka, Tadatsugu, to Hitachi, Ltd. Data searching apparatus. 4,527,253, 7-2-85, Cl. 364-900.000.
- Sato, Kazuhiro. Toss batting trainer. 4,548,407, 10-22-85, Cl. 273-26.00R.
- Sato, Kazuma: *See—*
  - Ebihara, Sakae; Tanizaki, Hiroyuki; Sato, Kazuma; and Kanazawa, Yuzo, 4,541,667, Cl. 297-64.000.
- Sato, Kazuo, to Clarion Co., Ltd. Film deposition equipment. 4,526,802, 7-2-85, Cl. 427-8.000.
- Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, to Hitachi, Ltd. Apparatus for molecular beam epitaxy. 4,542,712, 9-24-85, Cl. 118-726.000.
- Sato, Kazusuke: *See—*
  - Kimura, Etsuji; Ogi, Katsumi; and Sato, Kazusuke, 4,508,322, Cl. 266-149.000.
  - Kimura, Etsuji; Ogi, Katsumi; Sato, Kazusuke; and Hashimoto, Mayuki, 4,512,557, Cl. 266-171.000.
- Sato, Kazutoshi: *See—*
  - Fukawa, Isaburo; and Sato, Kazutoshi, 4,525,546, Cl. 526-68.000.
- Sato, Kazuyoshi: *See—*
  - Maeda, Yoshiyasu; Ueura, Akira; Sato, Kazuyoshi; and Watanabe, Katsunori, 4,555,069, Cl. 242-43.00R.
  - Yamamoto, Susumu; and Sato, Kazuyoshi, 4,537,808, Cl. 428-36.000.
- Sato, Kazuyuki: *See—*
  - Edamura, Koji; Torii, Akio; Sato, Kazuyuki; and Sakai, Hiroshi, 4,543,137, Cl. 149-21.000.
- Sato, Keiichi; Takeuchi, Yoko; and Yanagisawa, Midori, to Sony/Tektronix Corporation. Method of controlling a set point. 4,527,230, 7-2-85, Cl. 364-130.000.
- Sato, Keiichi: *See—*
  - Tano, Kazuo; Sato, Keiichi; and Okoshi, Toru, 4,528,403, Cl. 568-454.000.
- Sato, Keiji: *See—*
  - Kato, Takashi; Yoshikawa, Tomio; Sato, Keiji; and Yoshioka, Kazuo, 4,557,114, Cl. 62-126.000.
- Sato, Keishi; Nishida, Takeshi; Kamiya, Toji; and Tanaka, Yutaka, to Kanebo, Ltd. Moisture-permeable waterproof fabric. 4,539,255, 9-3-85, Cl. 428-252.000.
- Sato, Keishi: *See—*
  - Ozawa, Akio; Sueyoshi, Susumu; Sato, Keishi; Ishikawa, Kikuo; Yatsuhashi, Kiyomi; Ishii, Satoshi; and Yumino, Masamichi, 4,540,951, Cl. 330-267.000.
- Sato, Ken; Takahashi, Yutaka; Tsukaya, Takashi; Kato, Shinichi; and Hattori, Shinichiro, to Olympus Optical Co., Ltd. Flashlight control apparatus for endoscope. 4,561,429, 12-31-85, Cl. 128-6.000.
- Sato, Ken-ichi; Takano, Satoshi; and Miyazaki, Kenji, to Sumitomo Electric Industries, Ltd. Heat-resistant galvanized iron alloy wire. 4,556,609, 12-3-85, Cl. 428-659.000.
- Sato, Kenichi; and Ohki, Yoshitaka, to Nissan Motor Company, Limited. Supercharged internal combustion engine. 4,541,396, 9-17-85, Cl. 123-518.000.
- Sato, Kenichi; Takano, Satoshi; and Miyazaki, Kenji, to Sumitomo Electric Industries, Ltd. Hot dipping method for forming a metal or alloy coating around an elongated body. 4,552,788, 11-12-85, Cl. 427-374.500.
- Sato, Kenji: *See—*
  - Kikuchi, Hiroshi; and Sato, Kenji, 4,543,884, Cl. 101-93.040.
  - Sakai, Masaaki; Sato, Kenji; and Yamagata, Seiichi, 4,546,020, Cl. 428-16.000.
- Sato, Kiyomi: *See—*
  - Akutsu, Takao; and Sato, Kiyomi, 4,546,780, Cl. 131-304.000.
- Sato, Kiyoshi: *See—*
  - Inaba, Shizuo; Sato, Kiyoshi; Takahashi, Yoshio; and Takahashi, Hideyuki, 4,539,670, Cl. 369-77.100.
- Sato, Koichiro: *See—*
  - Horiya, Keiichi; Shiozaki, Tsugio; and Sato, Koichiro, 4,507,668, Cl. 346-76.0PH.
- Sato, Koji; and Kawano, Hikaru, to Musashi Co., Ltd.; and Hitachi Denshi Engineering Kabushiki Kaisha. Device for aligning and banding a pile of paper sheets. 4,531,344, 7-30-85, Cl. 53-447.000.
- Sato, Koji: *See—*
  - Kawano, Hikaru; Sato, Koji; and Nogi, Hiroyoshi, 4,511,301, Cl. 414-43.000.
  - Kodama, Toshikazu; and Sato, Koji, 4,535,265, Cl. 310-313.00C.

Nagaoka, Shinji; and Sato, Koji, 4,497,560, Cl. 354-403.000.
Terauchi, Takashi; Sato, Koji; and Hoshi, Shoichi, 4,517,397, Cl. 585-428.000.
Sato Koki Company Ltd.: *See—*
Shigemi, Igarashi, 4,495,447, Cl. 315-241.00P.
Sato, Kozo; Fujita, Shinsaku; Nakamura, Koichi; and Naito, Hideki, to Fuji Photo Film Co., Ltd. Color light-sensitive material. 4,556,632, 12-3-85, Cl. 430-562.000.
Sato, Kozo; and Hirai, Hiroyuki, to Fuji Photo Film Co., Ltd. Base precursor for heat-developable photosensitive material. 4,560,763, 12-24-85, Cl. 546-341.000.
Sato, Kozo: *See—*
Hirai, Hiroyuki; and Sato, Kozo, 4,499,172, Cl. 430-203.000.
Hirai, Hiroyuki; Sato, Kozo; and Kawata, Ken, 4,514,493, Cl. 430-617.000.
Naito, Hideki; Hara, Hiroshi; Aono, Toshiaki; and Sato, Kozo, 4,500,626, Cl. 430-203.000.
Naito, Hideki; Hara, Hiroshi; Sato, Kozo; and Yabuki, Yoshiharu, 4,507,380, Cl. 430-203.000.
Naito, Hideki; and Sato, Kozo, 4,560,644, Cl. 430-351.000.
Sakaguchi, Yukihiko; Sato, Kozo; Naito, Hideki; and Hara, Hiroshi, 4,555,470, Cl. 430-203.000.
Sato, Kuniaki; Muto, Shinichiro; Yanagishima, Fumiya; and Shimoyama, Yuji, to Kawasaki Steel Corporation. Low NO_x level combustion method in a radiant tube burner and a burning apparatus used for the method. 4,531,904, 7-30-85, Cl. 431-10.000.
Sato, Kunihiko, to Toyota Jidosha Kabushiki Kaisha. Ignition timing control unit for a car engine and method thereof. 4,498,438, 2-12-85, Cl. 123-418.000.
Sato, Kunihiko; and Takahashi, Hiroshi, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for controlling the air-fuel ratio in an internal-combustion engine. 4,548,178, 10-22-85, Cl. 123-478.000.
Sato, Kunihiko: *See—*
Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, 4,515,131, Cl. 123-491.000.
Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, 4,523,570, Cl. 123-478.000.
Sato, Kunio, to Casio Computer Co., Ltd. Tone color setting apparatus. 4,538,495, 9-3-85, Cl. 84-1.190.
Sato, Kunio: *See—*
Kozima, Yasuyuki; Sato, Kunio; Tadauchi, Masaharu; Suehiro, Hiroshi; and Inoue, Yasuo, 4,543,644, Cl. 364-900.000.
Nakaya, Keiichi; and Sato, Kunio, 4,521,397, Cl. 423-474.000.
Sato, Kyosaku, to Polysar Limited. Coagulation. 4,499,213, 2-12-85, Cl. 523-335.000.
Sato, Kyosaku, to Polysar Limited. Polymer compositions comprising polyamides, carboxylated (meth)acrylonitrile-butadiene rubber, and nonpolymeric additives. 4,508,867, 4-2-85, Cl. 524-434.000.
Sato, Kyosaku, to Polysar Limited. Vulcanizable polymer compositions with improved scorch. 4,525,517, 6-25-85, Cl. 524-394.000.
Sato, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Dual type antilock braking device for four-wheeled vehicles. 4,515,412, 5-7-85, Cl. 303-6.00R.
Sato, Makoto; and Fujii, Etsuo, to Honda Giken Kogyo Kabushiki Kaisha. Anti-lock braking system and associated method. 4,526,426, 7-2-85, Cl. 303-6.00C.
Sato, Makoto; and Tsuch, Yoshikazu, to Honda Giken Kogyo Kabushiki Kaisha. Monitoring circuit for an antilock braking system that detects a smaller diameter tire. 4,545,623, 10-8-85, Cl. 303-92.000.
Sato, Makoto; and Hiramoto, Kazuyuki, to Makino Milling Machine Co., Ltd. Machining system with operating mode selectors provided in machine controller of each NC machine tool. 4,550,375, 10-29-85, Cl. 364-474.000.
Sato, Makoto: *See—*
Furukawa, Yoshimi; Sano, Shoichi; Takamatsu, Hiroshi; and Sato, Makoto, 4,553,768, Cl. 280-91.000.
Ohmori, Taiji; Sato, Makoto; and Tsuchiya, Yoshikazu, 4,494,801, Cl. 303-92.000.
Sato, Masaaki, to Olympus Optical Co., Ltd. Car stereo set. 4,501,013, 2-19-85, Cl. 381-86.000.
Sato, Masaaki; Kaneda, Aizo; and Watanabe, Makio, to Hitachi, Ltd. Plastic information-recording medium. 4,524,369, 6-18-85, Cl. 346-135.100.
Sato, Masaaki, to Olympus Optical Company Limited. Tape recorder. 4,543,618, 9-24-85, Cl. 360-15.000.
Sato, Masaaki: *See—*
Adachi, Kiyoshi; Uehara, Masaru; Kitagawa, Hiroshi; Kojima, Hirotaka; and Sato, Masaaki, 4,514,965, Cl. 53-553.000.
Sakuragi, Toshio; Nakayama, Kazuo; Sato, Masaaki; and Koike, Mitsuhiro, 4,554,835, Cl. 73-640.000.
Sato, Masaharu: *See—*
Ogasawara, Takaaki; Maruyama, Tokuji; Sato, Masaharu; Hida, Yukio; and Saito, Takashi, 4,546,234, Cl. 219-137.0PS.
Sato, Masahiro: *See—*
Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, 4,519,362, Cl. 123-414.000.
Takenaka, Akihiko; Arakawa, Miyao; Sato, Masahiro; and Yamaguchi, Toshiyuki, 4,513,609, Cl. 73-116.000.
Sato, Masamitsu: *See—*
Noyori, Masato; Saitou, Hiroyoshi; Sato, Masamitsu; and Kikuchi, Kiyoshi, 4,542,477, Cl. 364-900.000.
Sato, Masanobu, to Olympus Optical Co., Ltd. Personal portable audio device. 4,539,700, 9-3-85, Cl. 381-90.000.
Sato, Masanori; and Iizima, Kazuo, to Nitto Boseki Co. Ltd. Glass cloth with thin reinforced joints. 4,551,375, 11-5-85, Cl. 428-57.000.
Sato, Masanori: *See—*
Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, 4,543,610, Cl. 358-213.000.
Yoneda, Tetsuzo; and Sato, Masanori, 4,539,865, Cl. 74-606.00R.
Sato, Masato; Kataoka, Hiroyuki; and Arai, Yoshio, to Fuji Xerox Co., Ltd. Beam scanning means for input/output unit. 4,492,985, 1-8-85, Cl. 358-293.000.
Sato, Masato: *See—*
Tamba, Shinichi; Sato, Masato; Watanabe, Kozo; and Yamashita, Masanobu, 4,548,167, Cl. 123-41.560.
Sato, Masayasu: *See—*
Suzuki, Yoshihiro; Kinoshita, Hiroo; Sato, Masayasu; and Ohara, Masanori, 4,528,279, Cl. 502-200.000.
Sato, Masayoshi: *See—*
Ueno, Masato; Sato, Masayoshi; Tasaka, Mitsuyuki; and Naito, Tatsuro, 4,556,389, Cl. 433-206.000.
Sato, Mikio, to Idemitsu Kosan Company Limited. Water-based metal-working fluid. 4,539,125, 9-3-85, Cl. 252-32.70E.
Sato, Mikio: *See—*
Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,507,221, Cl. 252-299.100.
Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,528,113, Cl. 252-299.100.
Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000.
Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.
Sato, Mineo; Kawaguchi, Tadaaki; Okawachi, Yukinori; and Funahashi, Yasuyuki, to Mitsubishi Denki Kabushiki Kaisha. Air conditioning apparatus of the type embedded within a ceiling. 4,507,940, 4-2-85, Cl. 62-407.000.
Sato, Minoru: *See—*
Tanikawa, Minoru; Imaizumi, Yutaka; Suzuki, Masami; Aiba, Kazumi; Sato, Minoru; and Takahashi, Mineo, 4,550,480, Cl. 29-156.40R.
Sato, Mitomu; Nakatani, Toshikazu; Yamashita, Katsumi; and Ogata, Terumi, to Sumitomo Electric Industries, Ltd. Device for clamping the split portion of a split heat-shrinkable sleeve. 4,541,145, 9-17-85, Cl. 24-19.000.
Sato, Mitsuo, to Aida Engineering Ltd. Press frame. 4,502,379, 3-5-85, Cl. 100-214.000.
Sato, Mitsuru, to Kabushiki Kaisha Machida Seisakusho. Waterproof endoscope. 4,545,369, 10-8-85, Cl. 128-4.000.
Sato, Mitsuru: *See—*
Ishigami, Sumiyuki; and Sato, Mitsuru, 4,550,475, Cl. 29-25.350.
Sato, Mitsuya: *See—*
Isohata, Junji; and Sato, Mitsuya, 4,496,239, Cl. 355-30.000.
Kaneko, Kenji; Nagata, Minoru; Furihata, Makoto; Ogura, Setsuo; Okabe, Takahiro; and Sato, Mitsuya, 4,543,499, Cl. 307-477.000.
Sato, Mitsuyoshi: *See—*
Shibata, Katsuhiko; and Sato, Mitsuyoshi, 4,507,352, Cl. 428-201.000.
Sato, Mituo: *See—*
Narishige, Shinji; Yoshinari, Tsuneo; Sato, Mituo; Takagi, Masayuki; and Yoshida, Toshihiro, 4,516,180, Cl. 360-126.000.
Sato, Morio; and Igawa, Tatsuya, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Stencil. ,550,660, 11-5-85, Cl. 101-128.210.
Sato, Naoki: *See—*
Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi, and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.
Sato, Nobuhiro: *See—*
Abe, Hiroshi; Sato, Nobuhiro; Ono, Kimizo; and Hirano, Kazuo, 4,513,751, Cl. 128-666.000.
Sato, Nobuo, to Yoshino Kogyosho Co., Ltd. Device for supplying piece to biaxial orientation blow molding machine. 4,505,372, 3-19-85, Cl. 198-404.000.
Sato, Noriaki: *See—*
Kamioka, Hajime; Takagi, Mikio; Sato, Noriaki; Nakano, Motoo; and Iwai, Takashi, 4,503,315, Cl. 219-121.0LE.
Sato, Noriya: *See—*
Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, 4,510,179, Cl. 427-96.000.
Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, 4,559,279, Cl. 428-632.000.
Sato, Renzo: *See—*
Saji, Ikutaro; Sato, Renzo; Hanma, Noritaka; and Motoike, Yasuo, 4,526,983, Cl. 548-341.000.
Sato, Ryo: *See—*
Suzuki, Yasutoshi; Hara, Kunihiko; and Sato, Ryo, 4,499,451, Cl. 340-98.000.
Sato, Ryoda. Heating sheet. 4,533,821, 8-6-85, Cl. 219-545.000.
Sato, Ryoda. Net circuit type heating and warming equipment. 4,540,878, 9-10-85, Cl. 219-545.000.
Sato, Ryosuke; Kato, Katsunori; Sasaki, Takashi; and Sugita, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Silver halide photosensitive materials for color photography. 4,554,244, 11-19-85, Cl. 430-552.000.

- Sato, Ryuichi; Taniguchi, Tsutomu; and Ohba, Masatoshi, to Omron Tateisi Electronics Co. Drive circuit for a piezo-electric element. 4,520,289, 5-28-85, Cl. 310-316.000.
- Sato, Satashi: *See—*
  - Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
- Sato, Seiji, to Sony Corporation. Mode selector of recording and/or reproducing apparatus. 4,491,887, 1-1-85, Cl. 360-90.000.
- Sato, Seiji; and Takeuchi, Koichi, to Sony Corporation. Magnetic recording apparatus. 4,510,538, 4-9-85, Cl. 360-84.000.
- Sato, Shigeki. Fluid circulating system. 4,530,208, 7-23-85, Cl. 60-516.000.
- Sato, Shigenori: *See—*
  - Shimode, Shinichi; and Sato, Shigenori, 4,559,255, Cl. 428-138.000.
- Sato, Shigeru: *See—*
  - Betsudan, Shinichi; Aoki, Katsuhiko; Sato, Shigeru; and Katagi, Takashi, 4,559,540, Cl. 343-761.000.
  - Miyamori, Hideaki; Takagi, Kenji; Sato, Shigeru; Takahashi, Fujio; and Ozawa, Mikio, 4,511,784, Cl. 219-123.000.
  - Shindo, Masanari; Sato, Shigeru; and Kaneko, Akinari, 4,534,840, Cl. 204-192.00R.
- Sato, Shigetada, to Asahi Kogaku Kogyo Kabushiki Kaisha. Bright telephoto lens. 4,545,654, 10-8-85, Cl. 350-454.000.
- Sato, Shigeyuki; and Matsushita, Mitsumasa, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Epoxy resin composition. 4,552,907, 11-12-85, Cl. 523-455.000.
- Sato, Shigeyuki; and Matsushita, Mitsumasa, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Rust preventing epoxy resin compositions. 4,560,716, 12-24-85, Cl. 523-451.000.
- Sato, Shinichi, to Mitsubishi Denki Kabushiki Kaisha. Method of manufacturing semiconductor device. 4,524,508, 6-25-85, Cl. 29-571.000.
- Sato, Shinichi: *See—*
  - Denda, Masahiko; Sato, Shinichi; Tsubouchi, Natsuro; Kinoshita, Shigeji; and Ohbayashi, Yoshikazu, 4,535,530, Cl. 29-571.000.
  - Noh, Akihiko; Saijo, Yoshiaki; Sato, Shinichi; and Tanaka, Ichiro, 4,543,970, Cl. 134-62.000.
- Sato, Shinobu: *See—*
  - Nio, Satoru; Sato, Shinobu; Fujii, Hajime; and Hamashima, Toyoji, 4,495,588, Cl. 364-513.000.
  - Nio, Satoru; Sato, Shinobu; Nobayashi, Shigemi; and Hamashima, Toyoji, 4,528,632, Cl. 364-169.000.
- Sato, Shinsaku; and Yamagata, Ichiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of controlling operation of multistage hydraulic machines. 4,502,831, 3-5-85, Cl. 415-1.000.
- Sato, Shinsaku: *See—*
  - Tsunoda, Sachio; and Sato, Shinsaku, 4,537,558, Cl. 415-1.000.
  - Yamagata, Ichiro; and Sato, Shinsaku, 4,538,957, Cl. 415-1.000.
- Sato, Shoichi: *See—*
  - Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.
- Sato Shokuhin Kogyo Kabushiki Kaisha: *See—*
  - Sato, Jinichi; Kurusu, Toshiro; Kondo, Naoyoshi; and Tamaki, Makoto, 4,560,571, Cl. 426-594.000.
- Sato, Shunichi, to Junkosha Company Ltd. Heating wire. 4,531,049, 7-23-85, Cl. 219-549.000.
- Sato, Susumu; Takeuchi, Yukihisa; and Tomita, Masahiro, to Nippon Soken, Inc. Carbon particulates cleaning device for diesel engine. 4,535,588, 8-20-85, Cl. 60-286.000.
- Sato, Susumu; Hattori, Tadashi; Ueno, Yoshiki; and Taguchi, Takashi, to Nippon Soken, Inc. Heat reflection film. 4,556,599, 12-3-85, Cl. 428-216.000.
- Sato, Susumu; and Hara, Yoshio, to Fuji Photo Film Co., Ltd. Self-processing type film unit and method of manufacturing the same. 4,556,631, 12-3-85, Cl. 430-498.000.
- Sato, Susumu: *See—*
  - Honda, Haruyoshi; Sato, Susumu; Isomae, Kazuo; Ookawa, Junji; and Kuwamura, Tsukasa, 4,560,785, Cl. 560-52.000.
  - Irie, Toshio; and Sato, Susumu, 4,496,400, Cl. 148-12.00C.
  - Irie, Toshio; Sato, Susumu; and Hashimoto, Osamu, 4,544,419, Cl. 148-12.00C.
- Sato, Syohei: *See—*
  - Takagi, Shigehide; Yokota, Norio; Sato, Syohei; and Nishi, Toshihiro, 4,560,413, Cl. 106-120.000.
- Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, to Mitsubishi Petrochemical Co., Ltd.; Mitsubishi Yuka Fine Chemicals Co., Ltd.; and Toray Industries, Inc. Epoxy resin composition. 4,532,308, 7-30-85, Cl. 525-482.000.
- Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, to Fuji Photo Film Co., Ltd. Method for forming magenta color image. 4,500,630, 2-19-85, Cl. 430-386.000.
- Sato, Tadahisa; Kawagishi, Toshio; and Furutachi, Nobuo, to Fuji Photo Film Co., Ltd. Method of forming color image comprising heterocyclic magenta dye-forming coupler. 4,540,654, 9-10-85, Cl. 430-381.000.
- Sato, Tadao: *See—*
  - Endo, Tadashi; Sato, Tadao; and Fukunaga, Osamu, 4,562,163, Cl. 501-96.000.
  - Miyazaki, Wasei; Sato, Tsuneo; Nakayama, Yasuo; and Sato, Tadao, 4,536,391, Cl. 424-94.000.
- Sato, Tadashi; and Hiraga, Masaharu, to Sanden Corporation. Pulley mechanism for fluid displacement apparatus. 4,551,081, 11-5-85, Cl. 418-55.000.
- Sato, Tadashi: *See—*
  - Arao, Kozo; and Sato, Tadashi, 4,523,803, Cl. 350-96.130.
  - Moriki, Yasumitsu; Sato, Tadashi; Yamamoto, Kazuyoshi; and Takahashi, Izumi, 4,543,818, Cl. 73-49.800.
  - Sugiura, Susumu; Sato, Tadashi; and Nakajima, Norio, 4,505,576, Cl. 355-14.00R.
  - Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.
- Sato, Tadayuki: *See—*
  - Nishizawa, Hiroshi; Sato, Tadayuki; and Ishikawa, Takashi, 4,493,858, Cl. 427-104.000.
- Sato, Takahisa; Takata, Masahiro; Ueshima, Michio; and Nagai, Isao, to Nippon Shokubai Kagaku Kogyo Co., Ltd. Catalyst for production of unsaturated aldehydes. 4,537,874, 8-27-85, Cl. 502-311.000.
- Sato, Takashi: *See—*
  - Okumura, Katsuya; Shinki, Toshinori; Sato, Takashi; and Ueda, Masaaki, 4,502,210, Cl. 29-591.000.
  - Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.
  - Umezono, Akimi; Kawasaki, Hironobu; Sato, Takashi; and Hayashi, Tomohiko, 4,497,850, Cl. 427-127.000.
- Sato, Takayuki, to Satosen Co., Ltd. Method of continuously casting steel. 4,545,424, 10-8-85, Cl. 164-491.000.
- Sato, Takayuki: *See—*
  - Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.
- Sato, Takehisa, to Sanyo Electric Co., Ltd.; and Tokyo Sanyo Electric Co., Ltd. Switching power supply. 4,510,563, 4-9-85, Cl. 363-20.000.
- Sato, Takeshi; Tsuji, Syogo; Shigeta, Kengo; and Uenishi, Akira, to Hitachi, Ltd. Steam wetness measuring apparatus. 4,497,577, 2-5-85, Cl. 356-336.000.
- Sato, Takeshi, to Nankaisangyo Co. Ltd.; and Toyamasanki Co. Ltd. Method and apparatus for producing bouffant caps. 4,560,434, 12-24-85, Cl. 156-474.000.
- Sato, Takeshi: *See—*
  - Goto, Takaharu; Sato, Takeshi; Sakai, Kouzou; and Ii, Motohiko, 4,547,223, Cl. 106-90.000.
  - Morotomi, Noriaki; and Sato, Takeshi, 4,502,077, Cl. 358-167.000.
  - Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.
- Sato, Taketoshi: *See—*
  - Mizukawa, Takumi; Ogino, Yoshio; Ohmori, Hideki; and Sato, Taketoshi, 4,555,608, Cl. 219-10.770.
- Sato, Takuro: *See—*
  - Fukasawa, Atsushi; Hosoda, Kenichiro; Sato, Takuro; and Yoshida, Tatumasa, 4,546,333, Cl. 333-202.000.
- Sato, Teiji: *See—*
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.
  - Usui, Koichi; Sato, Teiji; and Tanaka, Masanori, 4,527,178, Cl. 346-207.000.
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.
- Sato, Terumi: *See—*
  - Morinaga, Hiroshi; Miyake, Satoru; and Sato, Terumi, 4,559,166, Cl. 252-512.000.
- Sato, Tetsuo; and Kominami, Yasuo, to Hitachi, Ltd. Signal processing circuit. 4,500,932, 2-19-85, Cl. 360-65.000.
- Sato, Tetsuo; Kominami, Yasuo; Takizawa, Yoshiyuki; and Haeno, Akira, to Hitachi, Ltd.; and Pioneer Electronic Corporation. Amplifier circuit. 4,510,458, 4-9-85, Cl. 330-260.000.
- Sato, Tetsuya: *See—*
  - Nagase, Hyosuke; Sato, Tetsuya; Kobayashi, Kazuo; Masumoto, Norio; and Nagase, Yuji, 4,517,087, Cl. 210-396.000.
  - Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, 4,559,687, Cl. 29-157.00C.
- Sato, Tomosaburo: *See—*
  - Ono, Katsuyasu; and Sato, Tomosaburo, 4,498,222, Cl. 29-509.000.
- Sato, Toshihide: *See—*
  - Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, 4,543,378, Cl. 524-100.000.
- Sato, Toshihiko; and Yamagata, Tetsuo, to Honda Giken Kogyo Kabushiki Kaisha. Injector for multicylinder internal combustion engines. 4,546,746, 10-15-85, Cl. 123-478.000.
- Sato, Toshihiko: *See—*
  - Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, 4,537,824, Cl. 428-323.000.
- Sato, Toshihiro; Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble memory device. 4,559,617, 12-17-85, Cl. 365-36.000.
- Sato, Toshiji: *See—*
  - Taguchi, Gyota; and Sato, Toshiji, 4,534,992, Cl. 426-656.000.
- Sato, Toshio: *See—*
  - Miyashita, Takao; and Sato, Toshio, 4,533,969, Cl. 360-132.000.
  - Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.
- Sato, Toshiyuki; and Kaida, Tadayuki, to Kabushiki Kaisha Suiken. Universal pipe joint assembly. 4,556,227, 12-3-85, Cl. 277-207.00A.

- Sato, Tsunehiko: *See*—
  - An ouma, Masashi; Tamai, Yasuo; Sato, Tsunehiko; Funabashi, Shinichi; and Ogawa, Hiroshi, 4,511,484, Cl. 252-62.540.
  - Kato, Mikihiko; Komine, Shigeo; Kawamata, Toshio; Morita, Kazuhiko; and Sato, Tsunehiko, 4,518,626, Cl. 427-48.000.
  - Takeda, Hideo; and Sato, Tsunehiko, 4,518,637, Cl. 427-359.000.
- Sato, Tsuneo: *See*—
  - Miyazaki, Wasei; Sato, Tsuneo; Nakayama, Yasuo; and Sato, Tadao, 4,536,391, Cl. 424-94.000.
- Sato, Tsutomu; and Horike, Masanori, to Ricoh Company, Ltd. Charged ink-printer droplet detection. 4,550,321, 10-29-85, Cl. 346-75.000.
- Sato, Tsutomu, to Ricoh Company, Ltd. Deflection control ink jet operation adjustment control. 4,555,711, 11-26-85, Cl. 346-75.000.
- Sato, Tsutomu: *See*—
  - Iwasaki, Kyuhachiro; Ameyama, Minoru; Ebi, Yutaka; Jinnai, Koichiro; and Sato, Tsutomu, 4,527,170, Cl. 346-75.000.
- Sato, Tuneyasu: *See*—
  - Sakai, Kazuaki; Sato, Tuneyasu; and Chiba, Kazuhiko, 4,561,935, Cl. 162-30.100.
- Sato, Yasuhisa, to Canon Kabushiki Kaisha. Triplet type objective. 4,542,961, 9-24-85, Cl. 350-475.000.
- Sato, Yasuji: *See*—
  - Nakayama, Yasunobu; Sato, Yasuji; and Kunii, Takeshi, 4,511,764, Cl. 179-90.0AN.
  - Nakayama, Yasunobu; Kunii, Takeshi; and Sato, Yasuji, 4,532,378, Cl. 179-2.0DP.
  - Sano, Yoshikazu; Mori, Hideyasu; and Sato, Yasuji, 4,491,693, Cl. 179-99.00R.
- Sato, Yasumasa: *See*—
  - Kishida, Kazuo; Yamamoto, Naoki; Nishida, Kozi; Narita, Toshihito; and Sato, Yasumasa, 4,513,111, Cl. 524-458.000.
  - Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, 4,556,692, Cl. 525-78.000.
  - Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, 4,558,099, Cl. 525-301.000.
- Sato, Yasunobu; Fukumi, Hiroshi; Koike, Hiroyuki; and Kitahara, Nobuaki, to Sankyo Company Limited. Acylaminoquinazoline derivatives and a pharmaceutical composition containing them. 4,495,188, 1-22-85, Cl. 514-260.000.
- Sato, Yasuo. Brake booster operated also by solenoid. 4,494,377, 1-22-85, Cl. 60-545.000.
- Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, to Mitsubishi Denki Kabushiki Kaisha. Separation type air conditioner. 4,526,010, 7-2-85, Cl. 62-126.000.
- Sato, Yasuo: *See*—
  - Nomaki, Koji; Mase, Hiroshi; Sato, Yasuo; and Iga, Motoichi, 4,548,636, Cl. 65-99.200.
- Sato, Yo; and Kashiwaba, Tadao, to Kabushiki Kaisha Sato. Portable label applying machine. 4,498,950, 2-12-85, Cl. 156-577.000.
- Sato, Yo; Kashiwaba, Tadao; Matsuda, Yasuhiko; and Oikawa, Tadahisa, to Kabushiki Kaisha Sato. Automatic label winding and charging device. 4,505,773, 3-19-85, Cl. 156-384.000.
- Sato, Yo; Kashiwaba, Tadao; and Odajima, Akeshi, to Kabushiki Kaisha Sato. Automatic label winding and charging device for printers. 4,552,610, 11-12-85, Cl. 156-384.000.
- Sato, Yo; Kashiwaba, Tadao; Sakurai, Masaru; Matsuda, Yasuhiko; and Kondo, Koichi, to Kabushiki Kaisha Sato. Label peeling device for label issuing machine. 4,560,087, 12-24-85, Cl. 221-73.000.
- Sato, Yoichi: *See*—
  - Nishikawa, Masao; Aoki, Takashi; Sato, Yoichi; and Yoshizawa. Hiroshi, 4,534,236, Cl. 74-364.000.
- Sato, Yoshiaki: *See*—
  - Suzuki, Hirosuke; and Sato, Yoshiaki, 4,517,247, Cl. 428-421.000.
- Sato, Yoshihiro, to Dai Nippon Insatsu Kabushiki Kaisha. Heat-sealable package blank for a video tape cassette. 4,520,927, 6-4-85, Cl. 206-387.000.
- Sato, Yoshihiro: *See*—
  - Okamura, Shigeo; Sato, Yoshihiro; and Takahashi, Kenji, 4,530,140, Cl. 29-110.000.
- Sato, Yoshimasa: *See*—
  - Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, 4,536,211, Cl. 75-5.000.
- Sato, Yoshimitsu: *See*—
  - Ogawa, Hisashi; Tanaka, Yasushi; and Sato, Yoshimitsu, 4,550,923, Cl. 280-5.00A.
- Sato, Yoshinari, to Fujisawa Pharmaceutical Co., Ltd. Certain 4-aryl-1,4-dihydro-3,5-pyridinedicarboxylates having vasodilating and anti-hypertensive properties. 4,525,478, 6-25-85, Cl. 514-350.000.
- Sato, Yoshinori, to Japan Steel Works, Ltd., The. Apparatus for controlling a plurality of stud tensioning devices. 4,520,446, 5-28-85, Cl. 364-468.000.
- Sato, Yoshinori: *See*—
  - Tezuka, Shichigoro; Sato, Yoshinori; Shibata, Masaki; and Harikae, Nobuyuki, 4,514,423, Cl. 426-3.000.
- Sato, Yoshio; Kurihara, Nobuo; Matsumoto, Hiroshi; Saito, Tadayoshi; Nishikawa, Mitsuyo; and Higashi, Toshihiko, to Hitachi, Ltd. Method of controlling combustion. 4,528,918, 7-16-85, Cl. 110-347.000.
- Sato, Yoshitaka: *See*—
  - Hirata, Mitsuki; Sato, Yoshitaka; and Matudaira, Kaname, 4,512,413, Cl. 172-74.000.
  - Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.
- Sato, Yoshito; Yato, Tokuhiro; Maeo, Hidemi; and Tsutsumi, Yoshio, to Kabushiki Kaisha Komatsu Seisakusho. Electric hydraulic control device for a construction vehicle. 4,516,469, 5-14-85, Cl. 91-362.000.
- Sato, Yoshiyuki; and Isozaki, Akio, to Kabushiki Kaisha Kobe Seiko Sho. Heat transfer pipe. 4,549,606, 10-29-85, Cl. 165-179.000.
- Sato, Youichi: *See*—
  - Matsuda, Kouichi; and Sato, Youichi, 4,551,755, Cl. 358-188.000.
- Sato, Youji; Omata, Nobuaki; and Shimbara, Sakuzo, to Nifco Inc. Detachable fastener. 4,524,494, 6-25-85, Cl. 24-453.000.
- Sato, Youji: *See*—
  - Nagashima, Tsuneyasu; and Sato, Youji, 4,505,611, Cl. 403-406.000.
- Sato, Yu, to Nippon Kogaku K.K. PLL Out-of-capture range detection and lock acquisition circuit. 4,523,157, 6-11-85, Cl. 331-4.000.
- Sato, Yuichi; Sakurada, Nobuaki; Kawamura, Hideaki; and Watanabe, Yoshitaka, to Canon Kabushiki Kaisha. Method and apparatus for forming a pattern. 4,560,997, 12-24-85, Cl. 346-140.00R.
- Sato, Yuichi: *See*—
  - Kinoshita, Takao; Tsunekawa, Tokuichi; and Sato, Yuichi, 4,527,199, Cl. 358-213.000.
  - Kinoshita, Takao; Tsunekawa, Tokuichi; and Sato, Yuichi, 4,539,597, Cl. 358-213.000.
- Sato, Yuji. Locking device for movable storage rack. 4,527,680, 7-9-85, Cl. 192-4.00R.
- Sato, Yutaka: *See*—
  - Asami, Kazutomo; Wada, Fumio; Ishijima, Koji; and Sato, Yutaka, 4,518,330, Cl. 418-63.000.
  - Gonda, Michihiro; Kitsukawa, Katsumasa; Suzuka, Susumu; Kanasugi, Mikiko; Sato, Yutaka; and Otomo, Kikuo, 4,550,329, Cl. 346-214.000.
- Satoh, Akihiro: *See*—
  - Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,499,247, Cl. 526-142.000.
  - Chiba, Hiromasa; Obama, Kenjiro; Kawazoe, Shunji; Oka, Takahiro; and Satoh, Akihiro, 4,510,292, Cl. 525-247.000.
- Satoh, Fusao, to Nippon Gakki Seizo Kabushiki Kaisha. Key mechanism for wind instruments. 4,516,463, 5-14-85, Cl. 84-385.00R.
- Satoh, Hirohisa, to Takara Co., Ltd. Dioramatic running toy. 4,545,777, 10-8-85, Cl. 446-457.000.
- Satoh, Hiroshi: *See*—
  - Kakimi, Tsuneo; Nakanose, Megumi; Satoh, Hiroshi; Konishi, Takaharu; Kita, Hisanao; and Nakazaki, Takamitsu, 4,503,314, Cl. 219-121.0ED.
- Satoh, Hosaku: *See*—
  - Ayusawa, Kazutoshi; Satoh, Hosaku; and Kazama, Munetada, 4,550,089, Cl. 501-139.000.
- Satoh, Isao; Yoshida, Tomio; Harigae, Shunji; and Koishi, Kenji, to Matsushita Electric Industrial Co., Ltd. Optical data recording and reproducing apparatus. 4,523,304, 6-11-85, Cl. 369-32.000.
- Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, to Matsushita Electric Industrial Co., Ltd. Optical having index mark and sector mark. 4,535,439, 8-13-85, Cl. 369-275.000.
- Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, to Matsushita Electric Industrial Co., Ltd. Method and apparatus for optically recording and reproducing information. 4,545,044, 10-1-85, Cl. 369-32.000.
- Satoh, Isao: *See*—
  - Koishi, Kenji; Yoshida, Tomio; Satoh, Isao; and Ohara, Shunji, 4,546,462, Cl. 369-53.000.
  - Ohara, Shunji; Yoshida, Tomio; Satoh, Isao; and Koishi, Kenji, 4,509,156, Cl. 369-54.000.
- Satoh, Kazuo, to Honda Giken Kogyo Kabushiki Kaisha. Two-wheeled vehicle with offset wheel. 4,520,892, 6-4-85, Cl. 180-219.000.
- Satoh, Kenji, to Hitachi Heating Appliances Co., Ltd. High-frequency heating apparatus. 4,506,127, 3-19-85, Cl. 219-10.55B.
- Satoh, Kenji: *See*—
  - Azuma, Nobuo; Satoh, Kenji; Mohri, Katsuo; and Furuhata, Takashi, 4,507,690, Cl. 360-33.100.
  - Terada, Toshimichi; Komatsu, Keiichi; Shibata, Akira; and Satoh, Kenji, 4,497,000, Cl. 360-70.000.
- Satoh, Koji; Ooka, Akihiro; and Wada, Yutaka, to Sumitomo Electric Industries, Ltd. Character recognition apparatus. 4,542,526, 9-17-85, Cl. 382-13.000.
- Satoh, Kozo: *See*—
  - Sugimoto, Hiroshi; and Satoh, Kozo, 4,509,011, Cl. 324-309.000.
  - Suzuki, Hirokazu; and Satoh, Kozo, 4,549,137, Cl. 324-309.000.
- Satoh, Makoto: *See*—
  - Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, 4,552,414, Cl. 303-115.000.
  - Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, 4,561,701, Cl. 303-119.000.
- Satoh, Masato, to Fuji Xerox Co., Ltd. Picture image processing magnetic disc controlling method and apparatus therefor. 4,551,769, 11-5-85, Cl. 358-296.000.
- Satoh, Noboru, to NEC Corporation. Memory system for storing analog information. 4,558,431, 12-10-85, Cl. 365-45.000.
- Satoh, Osamu: *See*—
  - Mashimo, Tohru; Nishio, Takashi; and Satoh, Osamu, 4,501,199, Cl. 102-313.000.
  - Mashimo, Tohru; and Satoh, Osamu, 4,508,035, Cl. 102-313.000.
- Satoh, Saburoh; Gotoh, Tatumi; Horii, Kenji; and Akiyama, Hidenori, to Tokyo Shibaura Denki Kabushiki Kaisha. Glow discharge generating apparatus. 4,507,266, 3-26-85, Cl. 422-186.150.

Satoh Seiki Co., Ltd.: *See—*
Wada, Katsuhiko, 4,543,702, Cl. 29-434.000.
Satoh, Seio: *See—*
Yasuda, Yoshichiro; and Satoh, Seio, 4,545,244, Cl. 73-195.000.
Satoh, Shogi: *See—*
Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, 4,505,774, Cl. 156-499.000.
Satoh, Susumu; Mogi, Kinichi; Murakami, Saburo; and Nakashima, Toshiaki, to SS Pharmaceutical Co., Ltd. 2,3-Butanediol diester derivatives. 4,548,753, 10-22-85, Cl. 260-410.000.
Satoh, Tamataro: *See—*
Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,530,322, Cl. 123-188.0AA.
Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,897, Cl. 123-188.0AA.
Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,898, Cl. 123-188.0AA.
Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,556,022, Cl. 123-188.0AA.
Satoh, Taxey: *See—*
Nishi, Shinichi; Satoh, Taxey; Shimada, Fumio; and Takahashi, Toshiaki, 4,536,471, Cl. 430-495.000.
Satoh, Tetsuo; Ohgami, Masaaki; and Ogata, Shoji, to Fuji Jukogyo Kabushiki Kaisha. Slip indicating system for a four-wheel drive vehicle. 4,549,163, 10-22-85, Cl. 340-52.00R.
Satoh, Tsumori, to Ricoh Company, Ltd. System for correcting deflection of belt from its normal path of movement. 4,527,686, 7-9-85, Cl. 198-807.000.
Satoh, Yoichi, to Nippon Carburetor Co., Ltd. Carburetor assembly. 4,496,497, 1-29-85, Cl. 261-41.00D.
Satoh, Yoshio; Yanase, Takeyasu; and Komenou, Kazunari, to Fujitsu Limited. Magnetic bubble memory device gates. 4,561,069, 12-24-85, Cl. 365-36.000.
Satoh, Yuji, to Diesel Kiki Co., Ltd. Process for the manufacture of solenoid operated valve. 4,558,498, 12-17-85, Cl. 29-157.10R.
Satoh, Yukio: *See—*
Masuda, Shunichi; and Satoh, Yukio, 4,549,314, Cl. 455-618.000.
Satoh, Yutaka: *See—*
Yamaguchi, Masahiko; Gonda, Michihiro; Satoh, Yutaka; and Kanasugi, Mikiko, 4,510,513, Cl. 346-214.000.
Satoi, Shuzo: *See—*
Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, 4,517,296, Cl. 435-119.000.
Satomi, Keisuke: *See—*
Aihara, Hiroshi; Matumura, Akira; Takemura, Hiroshi; Kobashi, Rikiya; Satomi, Keisuke; and Ishibashi, Hiroe, 4,498,033, Cl. 318-261.000.
Satomura, Hiroshi: *See—*
Shigenobu, Michio; and Satomura, Hiroshi, 4,544,828, Cl. 219-216.000.
Yoshikawa, Masao; Kan, Fumitaka; and Satomura, Hiroshi, 4,504,136, Cl. 355-3.0DD.
Satomura, Masato: *See—*
Usami, Toshimasa; Tanaka, Toshiharu; and Satomura, Masato, 4,529,681, Cl. 430-138.000.
Satomura, Shinji: *See—*
Miyashita, Yoshinobu; and Satomura, Shinji, 4,543,326, Cl. 435-15.000.
Satonaka, Shinobu: *See—*
Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, 4,519,702, Cl. 355-51.000.
Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, 4,551,009, Cl. 355-15.000.
Satonishi, Osamu: *See—*
Yamashita, Riichiro; and Satonishi, Osamu, 4,493,103, Cl. 382-1.000.
Satoo, Fumihide: *See—*
Fujiwara, Kunio; Katoo, Hisashi; Satoo, Fumihide; and Taki, Hirokazu, 4,554,498, Cl. 318-640.000.
Satosen Co., Ltd.: *See—*
Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.
Ohta, Hideo; Hakuzen, Tatuzo; Ito, Yasunori; and Takagi, Fusao, 4,512,829, Cl. 156-659.100.
Sato, Takayuki, 4,545,424, Cl. 164-491.000.
Satoturve Oy: *See—*
Jamsa, Hannu, 4,554,750, Cl. 37-3.000.
Satou, Hiroo: *See—*
Nanjo, Hirotoshi; Satou, Hiroo; and Takahashi, Osamu, 4,520,778, Cl. 123-352.000.
Satou, Hiroshi: *See—*
Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,508,682, Cl. 420-590.000.
Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,526,610, Cl. 75-0.5BC.
Satou, Kouichirou, to Tokyo Shibaura Denki Kabushiki Kaisha. Circuit for driving a display device. 4,542,379, 9-17-85, Cl. 340-758.000.
Satou, Kouzou, to Tokyo Shibaura Denki Kabushiki Kaisha. Circuit breaker. 4,532,571, 7-30-85, Cl. 361-93.000.
Satou, Susumu: *See—*
Kodera, Toshihiko; Eguchi, Kiyoshi; Ishikawa, Takayoshi; Genba, Yasushi; Tamaru, Shigemi; and Satou, Susumu, 4,497,992, Cl. 200-153.0SC.
Satou, Takanori: *See—*
Shimizu, Toshio; Satou, Takanori; Tsukui, Tsutomu; Doi, Ryouta; and Yamaguchi, Motoo, 4,562,123, Cl. 429-27.000.
Satou, Takehide: *See—*
Mimura, Tomonori; Sagusa, Hisayuki; Satou, Takehide; and Takahashi, Katsuaki, 4,543,238, Cl. 422-63.000.
Satow, Haruhiko; Okimoto, Haruo; Sakurai, Shigeru; and Oda, Hiroyuki, to Mazda Motor Corporation. Fuel intake system for supercharged engine. 4,498,429, 2-12-85, Cl. 123-26.000.
Satow, Haruhiko: *See—*
Sakurai, Shigeru; Oda, Hiroyuki; Satow, Haruhiko; and Okimoto, Haruo, 4,527,534, Cl. 123-559.000.
Satran, Amir; and Elka, Shmuel, to Iscar Ltd. Tool holder assembly. 4,533,283, 8-6-85, Cl. 407-111.000.
Satre, Kenneth I.: *See—*
Kallestad, Daniel R.; Kress, Bruce A.; and Satre, Kenneth I., 4,522,335, Cl. 236-44.00C.
Satren, Ernest A.: *See—*
Bohrer, Philip J.; Higashi, Robert E.; Johnson, Timothy L.; and Satren, Ernest A., 4,555,939, Cl. 73-198.000.
Satsuki, Teruhisa; and Ota, Seiiti, to Lion Corporation. Liquid detergent composition. 4,549,984, 10-29-85, Cl. 252-532.000.
Sattel, John A., to Spacesaver Corporation. Chain tightener for drive chain. 4,559,027, 12-17-85, Cl. 474-116.000.
Sattelberg, Stanley E.; and Baker, George A., to Chicago Bridge & Iron Company. Resilient blanket with integral high strength facing and method of making same. 4,498,602, 2-12-85, Cl. 220-452.000.
Sattelmaier, Helmut: *See—*
Karg, Roland; and Sattelmaier, Helmut, 4,511,256, Cl. 366-165.000.
Sattelmeyer, Richard: *See—*
Hesse, Wolfgang; Sattelmeyer, Richard; and Schunck, Erich, 4,507,419, Cl. 524-327.000.
Weil, Joachim; and Sattelmeyer, Richard, 4,546,143, Cl. 524-511.000.
Satterfield, Audie L. Animal tether. 4,491,091, 1-1-85, Cl. 119-117.000.
Sattler, Frank A., to Westinghouse Electric Corp. Amide-imide-ester wire enamels. 4,496,715, 1-29-85, Cl. 528-288.000.
Sattler, Helmut: *See—*
Becker, Reinhold; and Sattler, Helmut, 4,527,505, Cl. 118-44.000.
Sattler, Roland: *See—*
Sterle, Vinko, 4,535,513, Cl. 24-346.000.
Saturday, Kathy A.: *See—*
Hochel, Robert C.; and Saturday, Kathy A., 4,522,794, Cl. 423-251.000.
Saturn Machine & Welding Co., Inc.: *See—*
Baird, William R.; and Baird, Billy C., 4,527,486, Cl. 105-215.00C.
Satzinger, Gerhard: *See—*
Barth, Hubert; Hartenstein, Johannes; Satzinger, Gerhard; Fritschi, Edgar; Ganser, Volker; Tauschel, Horst-Dietmar; and Wolf, Gunter, 4,499,089, Cl. 514-222.000.
Barth, Hubert; Fritschi, Edgar; Ganser, Volker; Hartenstein, Johannes; Herrmann, Manfred; and Satzinger, Gerhard, 4,517,185, Cl. 514-232.000.
Satzler, Ronald L., to Caterpillar Tractor Co. Method and apparatus for extruding reinforced hose. 4,501,629, 2-26-85, Cl. 156-149.000.
Satzler, Ronald L., to Caterpillar Tractor Co. Method and apparatus for making braided reinforced hose. 4,517,039, 5-14-85, Cl. 156-149.000.
Satzler, Ronald L.; and Stevens, Samuel B., to Caterpillar Tractor Co. Roller suspension apparatus for a belted vehicle. 4,519,654, 5-28-85, Cl. 305-27.000.
Satzler, Ronald L., to Caterpillar Tractor Co. Belt tensioning mechanism. 4,537,267, 8-27-85, Cl. 180-9.100.
Satzler, Ronald L., to Caterpillar Tractor Co. Wheel tandem drive mechanism. 4,560,018, 12-24-85, Cl. 180-9.100.
Sauber, Klaus: *See—*
Mauz, Otto; Sauber, Klaus; and Noetzel, Siegfried, 4,542,069, Cl. 428-402.000.
Saucier, David O., to DCI, Inc. Clean-in-place agitator assembly. 4,511,255, 4-16-85, Cl. 366-138.000.
Saud, Ivan: *See—*
Friedson, Belvin F.; Thaler, Arnold; and Saud, Ivan, 4,513,735, Cl. 128-24.200.
Saudagar, Abdul S. Urinary drainage appliance. 4,555,242, 11-26-85, Cl. 604-96.000.
Sauer, Anton; and Thinschmidt, Hans, to Siemens Aktiengesellschaft. Optical passive bus control system. 4,516,204, 5-7-85, Cl. 364-200.000.
Sauer, Burkhard: *See—*
Schmidt, Hans J.; Diesel, Hans-Dieter; and Sauer, Burkhard, 4,532,157, Cl. 427-262.000.
Sauer, Craig A. Tool for notching and slitting tubing. 4,548,114, 10-22-85, Cl. 83-391.000.
Sauer, Don R., to National Semiconductor Corporation. Anti-distortion anti-transient tone control circuit. 4,523,156, 6-11-85, Cl. 330-282.000.
Sauer, Don R.: *See—*
Cheng, Fred T. J.; and Sauer, Don R., 4,550,424, Cl. 381-15.000.
Sauer, Donald J., to RCA Corporation. Dynamic CCD input source pulse generating circuit. 4,503,550, 3-5-85, Cl. 377-63.000.
Sauer, Donald J., to RCA Corporation. CCD Charge subtraction arrangement. 4,509,181, 4-2-85, Cl. 377-63.000.
Sauer, Donald J., to RCA Corporation. Sampled data vertical detail signal processor. 4,558,352, 12-10-85, Cl. 358-31.000.
Sauer, Donald J.: *See—*
Pritchard, Dalton H.; and Sauer, Donald J., 4,510,522, Cl. 358-31.000.

- Sauer, Earl S.: *See—*
  - Kiersarsky, Albert S.; Sauer, Earl S.; Vesperman, William C.; and Wilson, Max K., 4,541,980, Cl. 264-174.000.
- Sauer, Gale E., to Donn Incorporated. Beam splice for supporting grid systems. 4,531,340, 7-30-85, Cl. 52-726.000.
- Sauer, Gale E.: *See—*
  - Menchetti, Robert J.; and Sauer, Gale E., 4,514,945, Cl. 52-202.000.
- Sauer, Gerhard; and Haffer, Gregor, to Schering Aktiengesellschaft. Process for the preparation of lysergic acid esters. 4,524,208, 6-18-85, Cl. 546-69.000.
- Sauer, Gerhard: *See—*
  - Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.
  - Rosch, Gunter; and Sauer, Gerhard, 4,539,007, Cl. 8-111.000.
- Sauer, Hans, to Matsushita Electric Works, Ltd.; and Sauer, Hans. Armature mounting for an electromagnetic relay. 4,543,550, 9-24-85, Cl. 335-78.000.
- Sauer, Hans, to Varta Batterie Aktiengesellschaft. Air/oxygen cell. 4,557,983, 12-10-85, Cl. 429-27.000.
- Sauer, Harald; Schmidt, Hans-Werner; and Fennemann, Wolfgang, to Metallgesellschaft Aktiengesellschaft. Process of removing pollutants from exhaust gases. 4,548,797, 10-22-85, Cl. 423-240.000.
- Sauer, Harald: *See—*
  - Hirsch, Martin; Schnabel, Wolfram; Sauer, Harald; and Schmidt, Hans-Werner, 4,539,188, Cl. 423-210.000.
- Sauer, Joan K., legal representative: *See—*
  - Sauer, Ronald H., deceased; and Beedlow, Peter A., 4,549,355, Cl. 33-148.00H.
- Sauer, John E.: *See—*
  - Krambeck, Frederick J.; McGovern, Stephen J.; and Sauer, John E., 4,555,328, Cl. 208-157.000.
- Sauer, Kenneth; and Fogo, Richard. Worm baiting tool. 4,559,734, 12-24-85, Cl. 43-4.000.
- Sauer, Robert L.; Morrissette, Charles G.; Garbaczik, Stanley J., Sr.; and Garbaczik, Stanley J., Jr., to Food Equipment Manufacturing Corporation. Cutting machine for slicing circular articles into wedges. 4,554,852, 11-26-85, Cl. 83-407.000.
- Sauer, Roland: *See—*
  - Bressert, Edgar; Gulich, Gerhard; Martini, Helmut; Meny, Rudi; Sauer, Roland; and Wohr, Rolf, 4,543,570, Cl. 340-589.000.
- Sauer, Ronald H., deceased (by Sauer, Joan K., legal representative); and Beedlow, Peter A., to Battelle Memorial Institute. Electronic dendrometer. 4,549,355, 10-29-85, Cl. 33-148.00H.
- Sauer, Rudolf, to Robert Bosch GmbH. Injection valve. 4,497,443, 2-5-85, Cl. 239-533.300.
- Sauer, Rudolf: *See—*
  - Hafner, Udo; Hans, Waldemar; Krauss, Rudolf; and Sauer, Rudolf, 4,502,632, Cl. 239-125.000.
  - Knapp, Heinrich; Sauer, Rudolf; Krauss, Rudolf; and Hafner, Udo, 4,555,060, Cl. 239-585.000.
  - Kubach, Hans; Kienzle, Wolfgang; Paschke, Werner; and Sauer, Rudolf, 4,519,547, Cl. 239-585.000.
  - Romann, Peter; Sauer, Rudolf; and Steinrucken, Heinrich, 4,500,866, Cl. 338-126.000.
- Sauer, Wolfgang; Halbritter, Klaus; and Engelbach, Heinz, to BASF Aktiengesellschaft. Preparation of glyoxal. 4,503,261, 3-5-85, Cl. 568-471.000.
- Sauer, Wolfgang; and Hoffmann, Wolfgang, to BASF Aktiengesellschaft. Continuous preparation of glyoxal. 4,511,739, 4-16-85, Cl. 568-473.000.
- Sauer, Wolfgang; Schmidtpott, Friedrich; Schat, Hermanus; and Freyberger, Laurin C., to ITT Industries, Inc. Integrated circuit kit with a phase-locked loop for color television receivers. 4,533,879, 8-6-85, Cl. 331-1.00A.
- Sauer, Wolfgang, to ITT Industries, Inc. Integrated circuit for color television receivers. 4,553,163, 11-12-85, Cl. 358-158.000.
- Sauer, Wolfgang, to ITT Industries, Inc. Monolithic integrated transistor HF crystal oscillator circuit. 4,560,955, 12-24-85, Cl. 331-116.00R.
- Sauerbier, Michael; and Ehrend, Helfried, to Rhein-Chemie Rheinau GmbH. Process for crosslinking chlorinated polyethylene. 4,551,505, 11-5-85, Cl. 525-346.000.
- Sauerbier, Michael: *See—*
  - Bauer, Armin; Ehrend, Helfried; Morche, Klaus; Nutzel, Karl; and Sauerbier, Michael, 4,524,182, Cl. 525-120.000.
- Sauerbruch, Ernst F. Apparatus for fitting together cup-like containers and packaging carriers which engage same. 4,555,891, 12-3-85, Cl. 53-48.000.
- Sauermann, Gerhard: *See—*
  - Hoppe, Udo; Wittern, Klaus-Peter; Sauermann, Gerhard; Stelling, Otto; and Rockl, Manfred, 4,547,307, Cl. 252-107.000.
- Sauermann, Heinz, to U.S. Philips Corporation. Symmetrical temperature sensor. 4,533,898, 8-6-85, Cl. 338-25.000.
- Sauers, Richard F.: *See—*
  - Hay, James V.; and Sauers, Richard F., 4,521,241, Cl. 71-92.000.
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- Sauget, Bernard, to Construction-Gerance-Exploitation "CONGEX". Foil transfer device for an installation for manufacturing hollow truncated cone shaped articles and in particular wine bottle caps. 4,525,154, 6-25-85, Cl. 493-154.000.
- Saukkonen, Esko: *See—*
  - Ollus, Martin; Uotila, Esko; Wahlstrom, Bjorn; Saukkonen, Esko; Malinen, Pekka; and Maenpaa, Immo, 4,514,816, Cl. 364-478.000.
- Saul, Aage E., to AB Fixfabriken. Tracheostomy valve. 4,538,607, 9-3-85, Cl. 128-207.160.
- Saul, Ben; and Hartley, Doug, to Sur-Gard Security Systems Ltd. Automatic bypass switch for household security system. 4,517,556, 5-14-85, Cl. 340-528.000.
- Saulgeot, Claude, to Compagnie Industrielle des Telecommunications Cit-Alcatel. Rotary vacuum pump. 4,512,725, 4-23-85, Cl. 417-366.000.
- Saulnier-Ebert, Mary L.: *See—*
  - Ritt, Peter M.; and Saulnier-Ebert, Mary L., 4,561,931, Cl. 156-640.000.
- Sauls, Goah T.: *See—*
  - Eberhart, Gerald E.; and Sauls, Goah T., 4,517,716, Cl. 29-1.300.
- Saulson, Stanley H.; and Wesner, Walter H., to Cordis Corporation. Temporary bipolar pacing lead. 4,530,368, 7-23-85, Cl. 128-784.000.
- Saulters, John D.; and Scarr, Roger H., to Joy Manufacturing Company. Method and apparatus for controlling the position of a hydraulic boom. 4,514,796, 4-30-85, Cl. 364-142.000.
- Saumsiegle, Robert W., to Leesona Corporation. Hollow article forming apparatus. 4,529,372, 7-16-85, Cl. 425-528.000.
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  - Pollinger, Hans; Saumweber, Eckart; Schorwerth, Mathias; and Wirth, Xaver, 4,535,874, Cl. 188-73.100.
- Saunders, Donna D.; Kalsi, Manmohan S.; and Chen, Gun-Shing, to Reed Tubular Products Company. Tool joint. 4,549,754, 10-29-85, Cl. 285-334.000.
- Saunders, Frances C.: *See—*
  - Harrison, Kenneth J.; Raynes, Edward P.; Saunders, Frances C.; and Thompson, David J., 4,496,221, Cl. 350-349.000.
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- Saunders, Frank L.: *See—*
  - Leng, Douglas E.; Sigelko, Wilmer L.; and Saunders, Frank L., 4,502,888, Cl. 106-170.000.
- Saunders, G. Thomas, to St. Charles Manufacturing Co. Laboratory hood attachment. 4,553,475, 11-19-85, Cl. 98-36.000.
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- Saunders, Herbert M.: *See—*
  - Harris, Ronald R.; and Saunders, Herbert M., 4,491,498, Cl. 156-497.000.
- Saunders, James W., to Paccar Inc. Lower radiator mount. 4,519,467, 5-28-85, Cl. 180-68.400.
- Saunders, Norman B. Dual storage heating and cooling system. 4,552,205, 11-12-85, Cl. 165-18.000.
- Saunders, Peter J., to Imperial Chemical Industries PLC. Apparatus for initiating explosions and method therefor. 4,537,131, 8-27-85, Cl. 102-217.000.
- Saunders, Peter R.: *See—*
  - Lofquist, Robert A.; Twilley, Ian C.; and Saunders, Peter R., 4,558,097, Cl. 525-183.000.
  - Twilley, Ian C.; Turner, Garland L.; Saunders, Peter R.; and Haylock, John C., 4,507,361, Cl. 428-373.000.
- Saunders, Philip G.; and Simpson, Jack R., to Container Graphics Corporation. Hole punch for a cutting die. 4,522,095, 6-11-85, Cl. 83-116.000.
- Saunders, Robert M.: *See—*
  - Wilde, Sheldon L.; McCandless, Thomas J.; and Saunders, Robert M., 4,497,765, Cl. 264-268.000.
- Saunders, Stephen W.: *See—*
  - Agrawal, Anil K.; Saunders, Stephen W.; and Weckesser, George J., 4,559,204, Cl. 423-167.000.
  - Kremer, Ross A.; and Saunders, Stephen W., 4,514,288, Cl. 209-5.000.
- Saunders, William T.: *See—*
  - Stoffel, Hans F.; Saunders, William T.; and Sporri, Anthony J., 4,527,412, Cl. 72-349.000.
- Saunier, Christian: *See—*
  - Allard, Jean-Claude; Briard, Rene; and Saunier, Christian, 4,534,735, Cl. 434-20.000.
  - Briard, Rene; Saunier, Christian; and Canova, Guy, 4,521,196, Cl. 434-20.000.
- Saunier, Paul; and Shih, Hung-Dah, to Texas Instruments Incorporated. Multiple high electron mobility transistor structures without inverted heterojunctions. 4,558,337, 12-10-85, Cl. 357-22.000.
- Saur, Roland, to Behr-Thomson Dehnstoffregler GmbH. Thermostatic control device. 4,522,334, 6-11-85, Cl. 236-34.500.
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- Saurenman, Donald G., to Consan Pacific Incorporated. Flexible cable ion dispenser for treatment zones. 4,493,289, 1-15-85, Cl. 119-21.000.
- Saurenman, Donald G. Control of static neutralization employing positive and negative ion distributor. 4,498,116, 2-5-85, Cl. 361-213.000.
- Saurenman, Donald G. Positive and negative ion distributor bar. 4,502,091, 2-26-85, Cl. 361-213.000.

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- Saurenman, Phillip E.; and Casler, William A. Interlocked metal seam structure with in-plane stabilization. 4,538,647, 9-3-85, Cl. 138-166.000.
- Saurenman, Phillip E. Stiff metal ring and process for making it. 4,543,297, 9-24-85, Cl. 428-582.000.
- Saurer-Allma GmbH: *See—*
  - Greive, Aloys; and Leuthold, Dieter, 4,561,600, Cl. 242-18.0DD.
  - Guggemos, Hans; and Weber, Rolf-Dieter, 4,497,451, Cl. 242-37.00R.
- Saurer Diederichs: *See—*
  - Deborde, Albert H.; and Grandvallet, Gilles, 4,543,999, Cl. 139-1.00C.
- Saurer-Diederichs Societe Anonyme: *See—*
  - Deborde, Albert H.; and Remond, Pierre, 4,498,639, Cl. 242-47.010.
  - Deborde, Albert H.; and Grandvallet, Gilles, 4,510,976, Cl. 139-435.000.
  - Deborde, Albert H.; and Remond, Pierre, 4,512,375, Cl. 139-435.000.
  - Grandvallet, Gilles; and Deborde, Albert H., 4,494,579, Cl. 139-429.000.
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  - Perrin, Bernard; Bianchin, Bernard; and Sauret, Georges, 4,518,499, Cl. 210-332.000.
- Saurwein, Albert C., to McCartney Manufacturing Co., Inc. Pressure intensifier. 4,526,000, 7-2-85, Cl. 60-540.000.
- Saurwein, Albert C., to McCartney Manufacturing Co., Inc. Center feeding water jet/abrasive cutting nozzle assembly. 4,545,157, 10-8-85, Cl. 51-439.000.
- Sausner, Andreas: *See—*
  - Ruschek, Gerhard; Wietschorke, Stephan; and Sausner, Andreas, 4,541,379, Cl. 123-339.000.
- Saussine, Lucien: *See—*
  - Mimoun, Hubert; Saussine, Lucien; Daire, Erick; Robine, Alain; and de Luzinais, Jacques G., 4,529,824, Cl. 568-803.000.
- Sautebin, Raoul, to Swiss Aluminium Ltd. Process for cooling an ingot during continuous casting. 4,508,160, 4-2-85, Cl. 164-467.000.
- Sauter, Frederick J.: *See—*
  - Edwards, Larry D.; Sauter, Frederick J.; and Burgmaier, George J., 4,524,128, Cl. 430-353.000.
- Sauter, Fritz: *See—*
  - Sittenthaler, Wilhelm; Sauter, Fritz; and Stanetty, Peter, 4,532,136, Cl. 514-277.000.
- Sauter, Gary E. Neon lighted roll bar. 4,515,393, 5-7-85, Cl. 280-756.000.
- Sauter, Hubert: *See—*
  - Buschmann, Ernst; Zeeh, Bernd; Jung, Johann; and Sauter, Hubert, 4,554,006, Cl. 71-76.000.
  - Plath, Peter; Eicken, Karl; Sauter, Hubert; and Wuerzer, Bruno, 4,537,617, Cl. 71-92.000.
  - Rentzea, Costin; Meyer, Norbert; Sauter, Hubert; Ammermann, Eberhard; and Pommer, Ernst-Heinrich, 4,497,819, Cl. 514-397.000.
- Sauter, Josef: *See—*
  - Zerhoch, Georg; Sauter, Josef; Kiederle, Richard; and von Stein, Gunther, 4,543,739, Cl. 38-15.000.
- Sautereau, Michel; Nicod, Roger; and Langlois, Pierre, to Societe Francaise Helita. Electrical ionizing devices for lightning protection. 4,540,844, 9-10-85, Cl. 174-3.000.
- Sautter, Helmut, to Robert Bosch GmbH. Electrochromic indicator device assembled with an adhesion promoting layer. 4,558,924, 12-17-85, Cl. 350-357.000.
- Sautter, Helmut: *See—*
  - Heinz, Jutta; Sautter, Helmut; Schink, Rainer; and Weber, Lothar, 4,561,729, Cl. 350-357.000.
- Sautter, Robert H., Jr., to ITT Corporation. Adjustable vehicle seat mechanism. 4,529,158, 7-16-85, Cl. 248-393.000.
- Sautter, Wilfried: *See—*
  - Buck, Rainer; Engel, Gerhard; Kuttner, Thomas; Sautter, Wilfried; and Wessel, Wolf, 4,538,571, Cl. 123-357.000.
- Sauty, Pierre: *See—*
  - Bosquain, Maurice; Grenier, Maurice; Hay, Leon; Lapeyre, Paul; Lehman, Jean-Yves; Petit, Pierre; and Sauty, Pierre, 4,541,851, Cl. 55-208.000.
- Sauvageau, Donald R.: *See—*
  - Hawkins, David K.; and Sauvageau, Donald R., 4,549,464, Cl. 89-1.809.
- Sauvestre, Jean C.: *See—*
  - Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., 4,524,695, Cl. 102-430.000.
- Sauzu, Masaaki: *See—*
  - Kubota, Toru; Tamate, Masazi; and Sauzu, Masaaki, 4,492,955, Cl. 340-636.000.
- SAVA KRANJ industrija gumijevih, usnjenih in kemicnih izdelkov n.o.sol.o.: *See—*
  - Munih, Pavel, 4,506,034, Cl. 521-41.000.
- Savage, David S.; and Redpath, James, to Akzo N.V. Compounds with anti-convulsive properties. 4,551,479, 11-5-85, Cl. 514-657.000.
- Savage, David W.; and Sartori, Guido, to Exxon Research & Engineering Co. Process for the selective removal of hydrogen sulfide from gaseous mixtures with strongly basic tertiary amino compounds. 4,508,692, 4-2-85, Cl. 423-228.000.
- Savage, David W.: *See—*
  - Doyle, Gerald; Pruett, Roy L.; and Savage, David W., 4,508,694, Cl. 423-246.000.
  - Weinberg, Harold N.; Savage, David W.; and Weissman, Walter, 4,534,854, Cl. 208-131.000.
- Savage, Donald S.: *See—*
  - Clarke, Ronald L. C.; and Savage, Donald S., 4,506,536, Cl. 72-391.000.
- Savage, Edward C., to Xerox Corporation. Electrostatographic system development modulation. 4,491,408, 1-1-85, Cl. 355-3.0DD.
- Savage, Garry, to Institut de Recherche en Sante et en Securite du Travail du Quebec. Strap buckle. 4,502,191, 3-5-85, Cl. 24-580.000.
- Savage, Garry, to Institut de Recherche en Sante et en Securite du Travail du Quebec. Safety vest. 4,512,437, 4-23-85, Cl. 182-3.000.
- Savage, Howard T., to United States of America, Navy. Long line hydrophone. 4,497,046, 1-29-85, Cl. 367-169.000.
- Savage, James A.: *See—*
  - Lewis, Keith L.; and Savage, James A., 4,560,576, Cl. 427-38.000.
- Savage, John M., Jr. Lens and mount for use with electromagnetic wave source. 4,491,900, 1-1-85, Cl. 362-230.000.
- Savage, Kerry D., to Texaco Inc. Method of heating an oil shale formation. 4,524,826, 6-25-85, Cl. 166-248.000.
- Savage, Kerry D.: *See—*
  - Looney, Mark D.; and Savage, Kerry D., 4,553,592, Cl. 166-248.000.
  - Rundell, Herbert A.; and Savage, Kerry D., 4,513,815, Cl. 166-57.000.
- Savage, William E., to Tompkins Bros. Co. Inc. Knitting machine using combination presser raising wheel. 4,522,043, 6-11-85, Cl. 66-80.000.
- Savage, William S.: *See—*
  - Anderson, Gordon K.; and Savage, William S., 4,549,405, Cl. 62-239.000.
- Savanella, Richard V., to Amcodyne Incorporated. Apparatus and method for protecting disks in a computer peripheral system. 4,530,022, 7-16-85, Cl. 360-97.000.
- Savard, Guy; and Lee, Robert G. H., to Canadian Liquid Air Ltd. In situ combustion for oil recovery. 4,509,595, 4-9-85, Cl. 166-261.000.
- Savard, Guy; and Lee, Robert G. H., to Canadian Liquid Air Ltd. Oil recovery by in-situ combustion. 4,557,329, 12-10-85, Cl. 166-261.000.
- Savard, Hassel J., Jr., to Golf-Eze, Inc. Golf cart and similar vehicles. 4,527,652, 7-9-85, Cl. 180-19.300.
- Savarese, Thomas G.: *See—*
  - Treseder, Robert C.; and Savarese, Thomas G., 4,556,969, Cl. 369-291.000.
- Savaria, Pierre. Invalid lift. 4,534,450, 8-13-85, Cl. 187-9.00R.
- Savas, Charles R., to Eaton Corporation. Trigger speed control switch. 4,506,198, 3-19-85, Cl. 318-301.000.
- Savastenko, Galina N.: *See—*
  - Ermolenko, Igor N.; Koshevar, Vasily D.; Nedzvetsky, Viktor S.; Savastenko, Galina N.; Siderko, Valentina M.; Kaputsky, Fedor N.; Komar, Valentina V.; and Nadievskaya, Juzefa I., 4,546,063, Cl. 430-269.000.
- Savchak, Orest G.: *See—*
  - Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.
- Savenije, Franciscus G., to Auping B. V. Body support adapted to differing volume to weight ratios. 4,525,886, 7-2-85, Cl. 5-464.000.
- Saverse, Ronald R.; and Jones, Harold T., to Sturtevant, Inc. Particle classifier. 4,551,241, 11-5-85, Cl. 209-148.000.
- Savic, Nicolas M.: *See—*
  - Suomala, John E.; Bratton, Kenneth L.; Bergsten, Sten E.; Savic, Nicolas M.; and Gardner, E. Boyd, 4,554,000, Cl. 65-129.000.
- Savich, Peter P., to Union Carbide Corporation. Bag making machine and method. 4,557,713, 12-10-85, Cl. 493-194.000.
- Savides, Christos; and Bright, John H., to American Cyanamid Company. Extraction of amino acids from aqueous solution with dithiophosphinates. 4,536,596, 8-20-85, Cl. 562-443.000.
- Savides, Christos; and Robertson, Allan J., to American Cyanamid Company. Bis(β-carboxyethyl)isobutyl, sec. butyl and t-butyl phosphine oxide and polyamides containing the same. 4,537,993, 8-27-85, Cl. 568-14.000.
- Savidge, Michael: *See—*
  - Bevington, John F.; Meeker, Paul; and Savidge, Michael, 4,519,112, Cl. 15-326.000.
- Savignac, Germain. Heat exchanger for stoves and fire-places. 4,549,522, 10-29-85, Cl. 126-72.000.
- Savignac, Philippe: *See—*
  - Breque, Anne; Muller, Georges; Bonnard, Hubert; Mathey, Francois; and Savignac, Philippe, 4,504,683, Cl. 568-12.000.
- Savin Corporation: *See—*
  - Carr, Roger D., 4,556,211, Cl. 271-221.000.
  - Hori, Tatsu, 4,511,238, Cl. 355-3.0SH.
  - Landa, Benzion, 4,492,300, Cl. 198-443.000.
  - Landa, Benzion, 4,501,486, Cl. 355-15.000.
  - Landa, Benzion, 4,522,484, Cl. 355-3.0DD.
  - Landa, Benzion, 4,531,824, Cl. 355-3.0FU.
  - Landa, Benzion; and Sagiv, Oded, 4,538,899, Cl. 355-10.000.
  - Sagiv, Oded, 4,506,877, Cl. 271-127.000.
  - Sher, Arden; and Mooney, John B., 4,529,832, Cl. 136-260.000.
- Savin-Czeizler, Andrei; and Lang, Kenneth, to Bristol-Myers Company. Gripping device. 4,502,721, 3-5-85, Cl. 294-1.100.
- Savini, Charles: *See—*
  - Yeh, Chuen Y.; and Savini, Charles, 4,528,401, Cl. 568-408.000.

Yeh, Chuen Y.; and Savini, Charles, 4,560,803, Cl. 568-401.000.

Yeh, Chuen Y.; and Savini, Charles, 4,560,804, Cl. 568-408.000.

Yeh, Chuen Y.; and Savini, Charles, 4,560,805, Cl. 568-408.000.

Savini, Dario: *See—*

Massaglia, Piercarlo; Pagana, Enrico; and Savini, Dario, 4,498,062, Cl. 333-135.000.

Savins, Joseph G., to Mobil Oil Corporation. Method for improving cuttings transport in deviated wells. 4,496,012, 1-29-85, Cl. 175-65.000.

Savins, Joseph G., to Mobil Oil Corporation. Method for removing ash mineral matter of coal with liquid carbon dioxide and water. 4,522,628, 6-11-85, Cl. 44-1.0SR.

Savins, Joseph G.: *See—*

Chew, Ju-Nam; and Savins, Joseph G., 4,533,084, Cl. 241-1.000.

Savioli, Giulio V., to United States of America, Army. Auxiliary trigger for firearm. 4,499,683, 2-19-85, Cl. 42-69.00R.

Savit, Carl H., to Western Geophysical Company of America. Methods for seismic exploration. 4,545,039, 10-1-85, Cl. 367-39.000.

Savit, Carl H., to Western Geophysical Company of America. Marine seismic sensor. 4,547,869, 10-15-85, Cl. 367-149.000.

Savner, Suzanne M.: *See—*

Wolf, James F.; Savner, Suzanne M.; Maxfield, MacRae; and Shacklette, Lawrence W., 4,528,254, Cl. 429-197.000.

Savolskis, Edward P., to PPG Industries, Inc. Port wall air jet for controlling combustion air. 4,496,315, 1-29-85, Cl. 432-30.000.

Savolskis, Edward P.; and Krumwiede, John F., to PPG Industries, Inc. Organic wetting of glass batch. 4,551,161, 11-5-85, Cl. 65-27.000.

Savonjousi, Aslak, to Kymi-Stromberg Oy. Method for controlling a piston fed wood grinder. 4,515,318, 5-7-85, Cl. 241-28.000.

Savoye, Eugene D.; and Tomasetti, Charles M., to RCA Corporation. Imaging device having improved high temperature performance. 4,547,957, 10-22-85, Cl. 29-572.000.

Savstrom, Tommy: *See—*

Nordstrom, Lennart; and Savstrom, Tommy, 4,531,080, Cl. 318-628.000.

Sawa, Buntaro; and Honda, Naoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Plural phase lock loop signal regeneration circuit. 4,500,851, 2-19-85, Cl. 331-2.000.

Sawa, Natsuo; Suzuki, Toshihiro; and Okazaki, Shinji, to Shikoku Chemicals Corporation. 4,4′-Methylene-bis-(2-ethyl-5-methyl imidazole) and methods of producing and using the same. 4,514,556, 4-30-85, Cl. 528-117.000.

Sawa, Seiji; and Kita, Nobuyuki, to Minolta Camera Kabushiki Kaisha. Apparatus and method for measuring the intraocular pressure of an eyeball and auxiliary device for using therewith. 4,523,597, 6-18-85, Cl. 128-652.000.

Sawa, Tetsuo: *See—*

Asami, Shojiro; Ozawa, Kazuo; and Sawa, Tetsuo, 4,510,546, Cl. 360-133.000.

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Sawa, Tsutomu: *See—*

Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi; and Imoto, Masaya, 4,550,159, Cl. 536-6.400.

Sawa, Yuji; and Kudo, Yozo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Automatic parison feed system. 4,507,039, 3-26-85, Cl. 414-152.000.

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Sawa, Yuji: *See—*

Okada, Shingo; Sawa, Yuji; and Adachi, Kuniomi, 4,553,376, Cl. 53-511.000.

Sawabe, Masaki; and Kumagai, Tadanobu, to Toyota Jidosha Kogyo Kabushiki Kaisha. Drive shaft assembly. 4,541,817, 9-17-85, Cl. 464-111.000.

Sawabe, Mitsuo; and Imai, Kouichi, to Nihon Radiator Co., Ltd.; and Toho Tekko Co., Ltd. Commutator for flat motor. 4,523,374, 6-18-85, Cl. 29-597.000.

Sawada, Akashi: *See—*

Hayafuji, Yoshinori; Sawada, Akashi; Usui, Setsuo; and Shibata, Akikazu, 4,549,913, Cl. 148-33.000.

Sawada, Daisaku: *See—*

Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.

Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, 4,517,648, Cl. 364-431.010.

Sugaya, Masami; Sawada, Daisaku; and Okawa, Susumu, 4,551,119, Cl. 474-28.000.

Sawada, Hideo; and Yata, Kiyoshi, to Hitachi, Ltd. Instruction storage. 4,521,872, 6-4-85, Cl. 365-49.000.

Sawada, Hideo, to Hitachi, Ltd. Division apparatus. 4,546,447, 10-8-85, Cl. 364-767.000.

Sawada, Hiroyuki: *See—*

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.

Iwata, Masayosi; Douke, Harumi; and Sawada, Hiroyuki, 4,543,456, Cl. 200-61.540.

Sawada, Kazuyoshi, to Silver Seiko Ltd. Printing mechanism having a plurality of type plates. 4,534,664, 8-13-85, Cl. 400-110.000.

Sawada, Kiyoshi; Goto, Satoshi; Kinoshita, Akira; and Sasaki, Osamu, to Konishiroku Photo Industry Co., Ltd. Electrophotographic bisazo photosensitive member. 4,515,881, 5-7-85, Cl. 430-58.000.

Sawada, Kiyoshi: *See—*

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Takahashi, Jiro; Komamura, Tawara; Sawada, Kiyoshi; Sasaki, Ssamu; Goto, Satoshi; and Kinoshita, Akira, 4,495,261, Cl. 430-58.000.

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Sawada, Kozo: *See—*

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Sawada, Manabu: *See—*

Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.

Sawada, Minoru: *See—*

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Sawada, Satoru, to Fuji Photo Film Co., Ltd. Image-forming process. 4,503,137, 3-5-85, Cl. 430-203.000.

Sawada, Satoru; Fujita, Shinsaku; and Koyama, Koichi, to Fuji Photo Film Co., Ltd. Heat development with reducible dye releaser. 4,559,290, 12-17-85, Cl. 430-203.000.

Sawada, Seigo: *See—*

Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,513,138, Cl. 546-48.000.

Miyasaka, Tadashi; Sawada, Seigo; Nokata, Kenichiro; and Mutai, Masahiko, 4,545,880, Cl. 204-158.00R.

Sawada, Tadashi: *See—*

Kiryu, Yuichi; and Sawada, Tadashi, 4,500,251, Cl. 414-719.000.

Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, to Canon Kabushiki Kaisha; and Canon Denshi Kabushiki Kaisha. Temperature compensated magnetoresistive effect thin film magnetic sensor. 4,506,220, 3-19-85, Cl. 324-252.000.

Sawada, Toshiichi; Fukami, Yasuhiko; and Kinkori, Shuzo, to Nippondenso Co., Ltd. Resonator for internal combustion engines. 4,539,947, 9-10-85, Cl. 123-52.00M.

Sawada, Toshiichi: *See—*

Fukami, Yasuhiko; Sawada, Toshiichi; and Kinkori, Shuzo, 4,546,733, Cl. 123-52.0MB.

Sawada, Tsuguo: *See—*

Kitamori, Takehiko; Fujii, Masaaki; and Sawada, Tsuguo, 4,557,137, Cl. 73-24.000.

Sawada, Yasuhiro: *See—*

Higo, Tsutomu; Mizutani, Shoji; Sawada, Yasuhiro; and Kengaku, Katsumi, 4,507,265, Cl. 422-186.000.

Kawamura, Reiki; Tanaka, Takuo; Asano, Toshio; and Sawada, Yasuhiro, 4,526,420, Cl. 297-218.000.

Sawada, Yoshizo: *See—*

Meguro, Takashi; Ogata, Yasunobu; and Sawada, Yoshizo, 4,525,222, Cl. 148-121.000.

Sawada, Yutaka: *See—*

Taga, Yasunori; and Sawada, Yutaka, 4,504,109, Cl. 350-1.600.

Taga, Yasunori; and Sawada, Yutaka, 4,507,547, Cl. 219-543.000.

Sawafuji, Tadashi. Plane speaker. 4,544,805, 10-1-85, Cl. 179-115.5PV.

Sawaguchi, Tatsue: *See—*

Nobukawa, Akira; and Sawaguchi, Tatsue, 4,523,632, Cl. 165-47.000.

Sawahata, Mamoru: *See—*

Fuyama, Moriaki; Tamura, Katsumi; Morijiri, Makoto; Sawahata, Mamoru; and Hachino, Hiroaki, 4,543,573, Cl. 340-781.000.

Wakui, Yoko; Hachino, Hiroaki; Sawahata, Mamoru; Soga, Tasao; Yasuda, Tomio; and Ooue, Michio, 4,516,149, Cl. 357-71.000.

Sawai, Hideki: *See—*

Takagi, Hirofumi; Kunugita, Kiyohiko; Sawai, Hideki; and Kariyone, Kazuo, 4,504,471, Cl. 514-18.000.

Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, to Honda Giken Kogyo Kabushiki Kaisha. Spray apparatus for applying a sharp-edged pattern of coating. 4,527,507, 7-9-85, Cl. 118-314.000.

Sawai, Kazuhiko: *See—*

Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.

Sawai, Mithio; Tasaka, Yoshihiro; Kawai, Toshikazu; and Katsuhara, Yutaka, to Central Glass Company, Limited. Method of purifying hexafluoroacetone hydrate. 4,544,772, 10-1-85, Cl. 568-411.000.

Sawai, Nobushige; Miyasaka, Kaneyoshi; and Murata, Ryoji, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Automatic cutting edge changer for cutting tool. 4,541,165, 9-17-85, Cl. 29-568.000.

Sawai, Shinichi: *See—*

Munakata, Shunsaku; Ukai, Hitoshi; Noguchi, Mitsuru; and Sawai, Shinichi, 4,555,380, Cl. 264-510.000.

Sawaki, Akira: *See—*

Sasaki, Koji; Yoshida, Eiichi; and Sawaki, Akira, 4,544,263, Cl. 355-14.00E.

Sawaki, Saeko: *See—*

Sako, Tomoyuki; Sawaki, Saeko; Sakurai, Toshizo; Mutai, Masahiko; and Kondo, Isamu, 4,532,211, Cl. 435-172.300.

Sawaki, Toru: *See—*

Shimada, Keizo; Sasaki, Hideharu; Mera, Hiroshi; Sawaki, Toru; and Aoki, Akihiro, 4,507,467, Cl. 528-348.000.

Sawamoto, Kunifumi, to Nissan Motor Company, Limited. Electronic control system for an internal combustion engine controlling air/fuel ratio depending on atmospheric air pressure. 4,495,921, 1-29-85, Cl. 123-438.000.

Sawamoto, Kunifumi: *See—*

Morita, Tatsuo; and Sawamoto, Kunifumi, 4,543,934, Cl. 123-435.000.

Yamaguchi, Hiroshi; Sawamoto, Kunifumi; Sanbuichi, Hiroshi; Morita, Tatsuo; and Takizawa, Satoshi, 4,556,029, Cl. 123-41.150.

Sawamura, Mamoru, to Dowa Seishi Co., Ltd. Pleat screen. 4,544,011, 10-1-85, Cl. 160-84.00R.

Sawamura, Mitsuharu, to Canon Kabushiki Kaisha. Method and device for controlling the film thickness of evaporated film. 4,531,838, 7-30-85, Cl. 356-382.000.

Sawanishi, Shigeru; Shiomi, Yozo; and Yamane, Akira, to Japan Exlan Company Limited. Process for producing acrylic fibers having non-circular cross-sections. 4,510,111, 4-9-85, Cl. 264-177.00F.

Sawanishi, Shigeru; and Wakitani, Mitsuru, to Japan Exlan Company Limited. Water-absorbing acrylic fibers. 4,562,114, 12-31-85, Cl. 428-372.000.

Sawano, Katsutoshi; and Miyashita, Tetsuharu, to Iwatsu Electric Co., Ltd. System for observing a plurality of digital signals. 4,525,667, 6-25-85, Cl. 324-140.00R.

Sawano, Kiyohito; Kouichi, Ryujiro; Oota, Hideaki; Takano, Masashi; and Moroe, Michio. Resinous composition for the prolonged release of fragrant substances. 4,515,909, 5-7-85, Cl. 523-102.000.

Sawano, Susumu; Gofuku, Yoshihiro; Hashimoto, Junji; and Ando, Takayuki, to Tokico Ltd. Mechanical snubber. 4,524,851, 6-25-85, Cl. 188-134.000.

Sawano, Toshiyuki: *See—*

Ishino, Yoshitane; Naruse, Toshihisa; and Sawano, Toshiyuki, 4,510,705, Cl. 37-54.000.

Sawano, Yukio; and Ono, Masaru, to Fuji Photo Film Co., Ltd. Method and apparatus for positioning microfiche card. 4,549,797, 10-29-85, Cl. 353-27.00A.

Sawata, Tetsuya: *See—*

Tokuno, Masateru; and Sawata, Tetsuya, 4,508,279, Cl. 242-56.00R.

Tokuno, Masateru; Sawata, Tetsuya; and Mori, Yasuharu, 4,541,335, Cl. 101-181.000.

Tokuno, Masateru; Sawata, Tetsuya; and Mori, Yasuharu, 4,548,109, Cl. 83-71.000.

Sawata, Yukitaka: *See—*

Najima, Tetsuo; Tetsuta, Setsuya; Sawata, Yukitaka; and Yamagishi, Masahiro, 4,508,620, Cl. 209-500.000.

Sawataishi, Tokio: *See—*

Sugawara, Mitsutoshi; Tokuda, Kazuo; and Sawataishi, Tokio, 4,562,412, Cl. 331-53.000.

Sawatani, Kenji, to Mitsubishi Denki Kabushiki Kaisha. Salient-pole rotor of a rotary electric machine. 4,496,863, 1-29-85, Cl. 310-61.000.

Sawatani, Kenji: *See—*

Shibasaki, Kazunori; and Sawatani, Kenji, 4,542,995, Cl. 384-224.000.

Sawatani, Tadashi; Ishii, Mitsuo; Yoshimura, Hirofumi; and Harase, Jirou, to Nippon Steel Corporation. Method for producing ferritic stainless steel sheets or strips containing aluminum. 4,515,644, 5-7-85, Cl. 148-12.0EA.

Sawatari, Norio: *See—*

Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,555,466, Cl. 430-106.600.

Sawato, Tatsuya: *See—*

Kasugai, Shouzi; and Sawato, Tatsuya, 4,530,683, Cl. 474-144.000.

Sawatzki, Harry L.; Koller, Markus; and Schaedler, Hansjorg, to Filmer, Dierk. Protective device. 4,538,301, 9-3-85, Cl. 2-2.000.

Sawayama, Tadahiro: *See—*

Tukamoto, Masatoshi; and Sawayama, Tadahiro, 4,536,601, Cl. 564-355.000.

Sawayama, Yoshihiko; and Mishima, Katsuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for measuring noise factor and available gain. 4,491,783, 1-1-85, Cl. 324-57.00N.

Sawayda, David J.: *See—*

Schaefer, Martin A.; and Sawayda, David J., 4,542,433, Cl. 361-92.000.

Sawazaki, Masatoshi; and Yorisue, Shozo, to Precision Fukuhara Works, Ltd. Sliding latch needles. 4,534,187, 8-13-85, Cl. 66-120.000.

Sawazaki, Masauki: *See—*

Masumoto, Kazuhiro; Fujimura, Mituaki; and Sawazaki, Masauki, 4,517,151, Cl. 264-540.000.

Sawazaki, Norikazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic recording and reproducing apparatus. 4,530,016, 7-16-85, Cl. 360-55.000.

Sawazaki, Norikazu, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic recording and reproducing apparatus. 4,535,369, 8-13-85, Cl. 360-55.000.

Sawazaki, Norikazu: *See—*

Higashiyama, Yasushi; Chiba, Shu; and Sawazaki, Norikazu, 4,525,828, Cl. 369-111.000.

Sawby, Kenneth J. Grain handling system. 4,491,216, 1-1-85, Cl. 198-863.000.

Sawhney, Dulari L.: *See—*

Kushnick, Julian H.; Sawhney, Dulari L.; and Hathaway, Robert E.,'4,529,458, Cl. 148-403.000.

Sawicki, Gary: *See—*

Gould, Arnold S.; Sawicki, Gary; and Ciannella, Michael A 4,552,554, Cl. 604-51.000.

Sawicki, Nina P. Tamper indicating cover. 4,534,478, 8-13-85, C 215-230.000.

Sawicki, Nina P. Tamper indicating cover. 4,545,494, 10-8-85, C 215-232.000.

Sawin, Steven P.: *See—*

Fulks, Bernard D.; Sawin, Steven P.; Aikman, Collin D.; an Jenkins, John M., III, 4,532,311, Cl. 526-62.000.

Sawran, William R.; Turrill, Frank H.; Newman, John W.; and Ha Norman W., to Ashland Oil, Inc. Process for the manufacture carbon fibers. 4,497,789, 2-5-85, Cl. 423-447.400.

Sawusch, Axel. Device for filleting beheaded fish. 4,507,824, 4-2-85, C 17-61.000.

Sawvel, Thomas D. Revel-ice cream container filling device. 4,506,71 3-26-85, Cl. 141-100.000.

Sawyer, Carleton E.; and Masterman, Hugh C., to Display Comp nents, Inc. Core element for electrodynamic rotary machin 4,508,989, 4-2-85, Cl. 310-184.000.

Sawyer, David A.: *See—*

Baxter, Martin G.; Elphick, Albert R.; Miller, Alistair A.; an Sawyer, David A., 4,560,687, Cl. 514-242.000.

Sawyer, Edgar W., Jr., to ITT Corporation. Combustible coal/wat mixture for fuels and methods of preparing same. 4,505,716, 3-19-8 Cl. 44-51.000.

Sawyer, Edith M.: *See—*

Sawyer, Willard C.; Sawyer, Edith M.; Keef, Sherron M.; an Sawyer, John W., 4,530,700, Cl. 44-1.00E.

Sawyer, James L.: *See—*

Davidovits, Joseph; and Sawyer, James L., 4,509,985, C 106-84.000.

Sawyer, John M.: *See—*

Kluss, Karl K.; Allen, Terry F.; and Sawyer, John M., 4,522,23 Cl. 138-130.000.

Sawyer, John W.: *See—*

Sawyer, Willard C.; Sawyer, Edith M.; Keef, Sherron M.; an Sawyer, John W., 4,530,700, Cl. 44-1.00E.

Sawyer, Larry W.; and Boler, Harry, to United States of Americ Transportation. MTI Velocity discriminator. 4,529,985, 7-16-85, C 343-7.700.

Sawyer, Quentan T., to General Electric Company. Firing mechanis for high rate of fire revolving battery gun. 4,494,439, 1-22-85, C 89-12.000.

Sawyer, Richard G.: *See—*

Cooper, John R.; and Sawyer, Richard G., 4,541,119, C 455-57.000.

Sawyer, Robert D.; and Fohl, Michael W., to Tom Sawyer Supply Equipment. Apparatus for forming an expanded foam form lin including a contoured surface. 4,536,145, 8-20-85, Cl. 425-289.000

Sawyer, Wilbur H.: *See—*

Manning, Maurice; and Sawyer, Wilbur H., 4,491,577, C 424-177.000.

Manning, Maurice; and Sawyer, Wilbur H., 4,551,445, C 514-9.000.

Sawyer, Willard C.; Sawyer, Edith M.; Keef, Sherron M.; and Sawy John W. Method and apparatus for use in preparing biomass partic for fuel and for use as chemical feed stock. 4,530,700, 7-23-85, C 44-1.00E.

Sawyer, Willard H.; and Mitchell, Howard L., III, to Exxon Resear & Engineering Co. Catalysts from molybdenum polysulfide prec sors, their preparation and use. 4,540,481, 9-10-85, Cl. 208-215.00

Sawyer, Willard H.: *See—*

Mitchell, Howard L., III; and Sawyer, Willard H., 4,542,121, C 502-220.000.

Sawyer, William D.: *See—*

Read, Clifford D.; Sawyer, William D.; and Chadwick, Donald 4,533,791, Cl. 179-2.00R.

Sax, Stephen H. Fabric conditioning device. 4,532,722, 8-6-85, 34-60.000.

Saxby, Michael E., to Hilvenna Limited. Compressed gas powe ammunition for small arms. 4,531,458, 7-30-85, Cl. 102-440.000.

Saxby, Michael E., to Hilvenna Limited. Cartridge assembly includ pressure cylinder slidably located in casing. 4,539,969, 9-10-85, 124-57.000.

Saxby, Robert M. Cigarette extinguisher and ash disposal dev 4,534,370, 8-13-85, Cl. 131-237.000.

Saxby, Willard A.; and Pikula, Robert D. Pressurizing and clos apparatus for carbonated beverage containers. 4,524,877, 6-25-85, 215-228.000.

Saxena, Brij B.; and Rathnam, Premila, to Cornell Research Foun tion, Inc. Assaying for hLH or hCG with immobilized horm receptors. 4,560,649, 12-24-85, Cl. 435-7.000.

Saxer, Ulrich P.: *See—*

Muhlemann, Hans R.; and Saxer, Ulrich P., 4,522,806, 424-52.000.

Saxman, Edwin F., to Mack Trucks, Inc. Sun visor arrangem 4,521,047, 6-4-85, Cl. 296-97.00K.

Saxman, William C.; and Parker, Larry J., to Dresser Industries, Compressible pressure compensator within closed lubricant vol of an earth boring apparatus. 4,509,607, 4-9-85, Cl. 175-227.000

Saxon Arms, Inc.: *See—*

Morrison, David E., 4,502,612, Cl. 221-185.000.

Saxon, Daniel I., to Eastman Kodak Company. Variable capa gasification burner. 4,502,633, 3-5-85, Cl. 239-132.300.

- Saxton, Robert W.; Hewitt, William R.; and Nelligan, Jerome M., to Federal-Mogul Corporation. Flexible microdrill. 4,536,108, 8-20-85, Cl. 408-230.000.
- Saxton, Ronald P. Hanging mobile greeting card. 4,531,319, 7-30-85, Cl. 40-539.000.
- Say, Donald L., to North American Philips Consumer Electronics Corp. In-line electron gun structure for color cathode ray tube having lensing electrodes with tapered apertures and beam spot-shaping inserts. 4,517,488, 5-14-85, Cl. 313-414.000.
- Say, Donald L., to North American Philips Consumer Electronics Corp. In-line electron gun structure for color cathode ray tube having tapered walls and elongated apertures for beam spot-shaping. 4,535,266, 8-13-85, Cl. 313-414.000.
- Say, Donald L., to North American Philips Consumer Electronics Corp. CRT Lensing electrodes having apertures defined by tapered sidewalls. 4,542,318, 9-17-85, Cl. 313-414.000.
- Sayama, Norio: *See*—
  - Nakamura, Hiromi; Takahashi, Takehiko; Narazaki, Norio; Yamamoto, Kazuo; and Sayama, Norio, 4,537,023, Cl. 60-39.050.
- Sayegh, Pinhas: *See*—
  - Garza, Richard G.; Sayegh, Pinhas; and Bjorklund, James R., 4,560,363, Cl. 446-342.000.
- Sayer, Bertram; and Kulkaski, Bernard J., to Thermal Profiles, Inc. Window apparatus. 4,521,991, 6-11-85, Cl. 49-161.000.
- Saykowski, Franz: *See*—
  - Grape, Wolfgang; Saykowski, Franz; Schlak, Ottfried; and Wurminghausen, Thomas, 4,554,187, Cl. 427-387.000.
- Sayler, William H.; and White, Justin C., to T.A.S., Inc. Solid fuel pulverizing and burning system and method and pulverizer and burner therefor. 4,531,461, 7-30-85, Cl. 110-106.000.
- Sayler, William M., to United States of America, Army. Jet engine decontamination system. 4,551,092, 11-5-85, Cl. 432-32.000.
- Sayles, David C., to United States of America, Army. Recovery of alcohol from a fermentation source by separation rather than distillation. 4,508,929, 4-2-85, Cl. 568-923.000.
- Sayles, David C., to United States of America, Army. Microwave drying of ammonium perchlorate grinding spheres. 4,513,513, 4-30-85, Cl. 34-1.000.
- Sayles, David C., to United States of America, Army. Cure shrink-resistant missile motor cases. 4,515,912, 5-7-85, Cl. 523-456.000.
- Sayles, David C., to United States of America, Army. Expanding embedment resin for composite-modified double-base propellants. 4,530,728, 7-23-85, Cl. 149-19.600.
- Sayles, Scott M.; and Castagnos, Leonce F., Jr., to Texaco Inc. FCCU Catalyst-high velocity vapor separator. 4,556,542, 12-3-85, Cl. 422-147.000.
- Saylor, David M.: *See*—
  - Golata, John H.; Saylor, David M.; Egan, William E.; and Goldstein, Arthur A., 4,558,727, Cl. 152-5.000.
- Saylor, Dennis L.: *See*—
  - Darves-Bornoz, Yves; Melvin, George E.; Ryan, Michael G.; and Saylor, Dennis L., 4,513,613, Cl. 73-159.000.
- Saylor, Millard P. Method for forming wire connection. 4,498,379, 2-12-85, Cl. 100-2.000.
- Saytar, Andrew. Arena type game. 4,492,380, 1-8-85, Cl. 273-411.000.
- Sazaki, Konin: *See*—
  - Maruyama, Kenji; and Sazaki, Konin, 4,527,752, Cl. 242-84.20G.
- Sazaki, Kounin; and Murakami, Hideo, to Ryobi Limited. Fishing spinning reels. 4,502,645, 3-5-85, Cl. 242-84.20G.
- Sazaki, Kounin, to Ryobi Ltd. Fishing spinning reel. 4,526,327, 7-2-85, Cl. 242-84.20G.
- Sazanami, Tsuneo: *See*—
  - Watanabe, Keiichiro; Yamada, Tomiaki; Sazanami, Tsuneo; and Asahara, Eiko, 4,562,154, Cl. 435-162.000.
  - Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.
- Sazdanoff, Elizabeth. Finger rest for manicuring. 4,524,789, 6-25-85, Cl. 132-73.000.
- Sbaschnigg, Johann: *See*—
  - Pinter, Reinhard; Petschauer, Franz; and Sbaschnigg, Johann, 4,544,447, Cl. 162-300.000.
- Sbragia, Ronald J.: *See*—
  - Rigterink, Raymond H.; and Sbragia, Ronald J., 4,536,341, Cl. 260-453.0AR.
- Sbrizzai, Marino. Hydraulic machine. 4,499,725, 2-19-85, Cl. 60-506.000.
- Scaccia, Carlo; and Overley, John R., to Ashland Oil, Inc. Isobutyryl fluoride manufacture. 4,499,029, 2-12-85, Cl. 260-544.00A.
- Scaduto, Anthony: *See*—
  - Viola, Frank J.; and Scaduto, Anthony, 4,506,418, Cl. 24-277.000.
- Scaduto, Domenico: *See*—
  - Scaduto, Onofrio; and Scaduto, Domenico, 4,557,502, Cl. 280-756.000.
- Scaduto, Onofrio; and Scaduto, Domenico. Roll bar retracting mechanism for convertibles. 4,557,502, 12-10-85, Cl. 280-756.000.
- Scaglia, Mario, to M. Scaglia S.p.A. Device for supporting and handling loads by means of vacuum operated suction pads. 4,557,659, 12-10-85, Cl. 414-627.000.
- Scagliotti, Alfredo: *See*—
  - Invernizzi, Antonino, 4,509,092, Cl. 361-172.000.
- Scala, John; and Reuter, William, to Comtech Telecommunications Corp. RF local oscillator with low phase noise. 4,551,689, 11-5-85, Cl. 331-2.000.
- Scala, Luciano C.; Alvino, William M.; and Fuller, Timothy J., to Westinghouse Electric Corp. Amine-free and surfactant-free electrodeposition of polyesters, polyamic acids, polyimides, and polyamide-imides. 4,533,448, 8-6-85, Cl. 204-181.700.
- Scale Free Systems, Inc.: *See*—
  - Vollman, Leonard L., 4,514,273, Cl. 204-196.000.
- Scales, John M.; and Wolcott, Bernard F., to Nicolon Corporation. Revetment panel methods. 4,502,815, 3-5-85, Cl. 405-17.000.
- Scales, John T.; Poole, Anthony G.; Wilson, David; and Middleton, Anthony J., to Courtaulds PLC. Fire resistant support for the human body. 4,504,990, 3-19-85, Cl. 5-459.000.
- Scales, Michael J., to Nicolon Corporation. Articulated mat revetment assembly machine. 4,499,664, 2-19-85, Cl. 29-714.000.
- Scalesciani, Juan, to Farnatis s.r.l. Imidazole compound, the process for its preparation, and therapeutically active compositions containing same. 4,499,104, 2-12-85, Cl. 514-396.000.
- Scalise, Stanley J.: *See*—
  - Kaminski, Walter R.; and Scalise, Stanley J., 4,547,886, Cl. 372-59.000.
- Scallan, Anthony M.: *See*—
  - Green, Harold V.; Fox, Thomas J.; and Scallan, Anthony M., 4,510,020, Cl. 162-169.000.
- Scalzi, Casper A.; and Schmalz, Richard J., to International Business Machines Corporation. Mechanism for accessing multiple virtual address spaces. 4,521,846, 6-4-85, Cl. 364-200.000.
- Scalzo, John P.; and Aileo, Jackson A., to Gentex Corporation. Earphone system for use in large-cavity earcups. 4,523,661, 6-18-85, Cl. 181-129.000.
- Scammacca, Paul. Locking device for the outboard stern drive of a boat. 4,502,306, 3-5-85, Cl. 70-159.000.
- Scammell, Roger S., to British Petroleum Company p.l.c., The. Post-aerated burner for ground flare, and ground flare incorporating same. 4,493,638, 1-15-85, Cl. 431-202.000.
- Scan-Optics, Inc.: *See*—
  - D'Angelo, Kenneth R.; and Childress, Timothy T., 4,524,963, Cl. 271-3.100.
- Scan Screen A/S: *See*—
  - Clausen, Erik; and Clausen, Johannes, 4,509,822, Cl. 350-128.000.
  - Clausen, Erik; and Clausen, Johannes, 4,561,720, Cl. 350-128.000.
- Scandinavian Farming Aktiebolag: *See*—
  - Werling, Kenneth H., 4,549,660, Cl. 209-44.300.
- Scanding Byggkonsult Aktiebolag: *See*—
  - Halvorsen, Finn, 4,543,762, Cl. 52-660.000.
- Scanditronix Inc.: *See*—
  - Emanuelson, Roy M.; and Lebet, David P., 4,523,168, Cl. 335-296.000.
- Scandpower, Inc.: *See*—
  - Smith, Robert D., 4,512,949, Cl. 376-247.000.
- Scandrol, Roy O.: *See*—
  - Sandbrook, Thomas D.; and Scandrol, Roy O., 4,552,651, Cl. 209-1.000.
- Scandurra, Giancarlo: *See*—
  - Andrione, Norbert; Peruzzi, Federigo; and Scandurra, Giancarlo, 4,493,226, Cl. 74-598.000.
- Scanes, Malcolm K.: *See*—
  - Hodges, Michael J.; and Scanes, Malcolm K., 4,550,868, Cl. 223-43.000.
- Scanlan, Harry J.; and Liljegren, Leif. Electric fluid heater employing pressurized helium as a heat transfer medium. 4,521,674, 6-4-85, Cl. 219-299.000.
- Scanland, Joseph E.; and Skillman, David B., to Roper Corporation. Bridge support for securing sulky to walk-behind mower. 4,514,967, 5-7-85, Cl. 56-14.700.
- Scanland, Joseph E.: *See*—
  - Lane, Joseph J.; and Scanland, Joseph E., 4,525,989, Cl. 56-17.400.
- Scanlon, James E., to Ross Operating Valve Company. Flow control for valve interface. 4,509,556, 4-9-85, Cl. 137-884.000.
- Scanlon, John P. Arrow nock. 4,544,163, 10-1-85, Cl. 273-416.000.
- Scanlon, John V.: *See*—
  - Gaehring, David P.; and Scanlon, John V., 4,504,504, Cl. 426-321.000.
- Scanlon, Michael J.: *See*—
  - Wang, Samuel S.; and Scanlon, Michael J., 4,532,031, Cl. 209-166.000.
- Scanpump AB: *See*—
  - Olsson, Aron, 4,552,178, Cl. 137-625.460.
- Scans Associates, Inc.: *See*—
  - Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.
  - Foerster, Charles E., Jr.; Miller, Robert E.; and Pace, Aldren M., 4,501,972, Cl. 250-577.000.
  - Smith, Richard L.; and Van Allen, Kent, 4,491,773, Cl. 318-257.000.
  - Van Allen, Kent; and Bordato, James M., 4,492,281, Cl. 177-213.000.
- Scantlebury, Todd V.; Ambruster, Jeanne B.; Bolton, Carl W.; Campbell, Stephen E.; and Green, La Thaggar, III, to W. L. Gore & Associates, Inc. Dental implant with expanded PTFE gingival interface. 4,531,916, 7-30-85, Cl. 433-173.000.
- Scantlin, John R.: *See*—
  - Flanagin, Stephen D.; Bubb, Howard G.; and Scantlin, John R., 4,556,970, Cl. 370-58.000.
- Scantron GmbH & Co.: *See*—
  - Wevelsiep, Klaus; and Kastner, Anton, 4,514,622, Cl. 235-463.000.
- Scapa Inc.: *See*—
  - Albert, Hans, 4,537,658, Cl. 162-348.000.
  - Albert, Hans, 4,541,895, Cl. 162-348.000.

- Scapa-Porritt Limited: *See—*
  - Eglin, Steven, 4,557,025, Cl. 28-141.000.
  - Miller, Terence, 4,529,013, Cl. 139-383.00A.
  - Wheeldon, John B., 4,502,595, Cl. 198-853.000.
  - Wheeldon, John B.; Jeffery, John; and Myerscough, Paul F., 4,505,383, Cl. 198-853.000.
- Scarafile, Cosimo: *See—*
  - Foglio, Maurizio; Franceschi, Giovanni; Scarafile, Cosimo; Arcamone, Federico; and Sanfilippo, Aurora, 4,558,042, Cl. 514-192.000.
- Scaramucci, Maria A.: *See—*
  - Gazzi, Luigi; Rescalli, Carlo; Scaramucci, Maria A.; and Ginnasi, Alessandro, 4,545,965, Cl. 423-229.000.
- Scarantino, Michael A.: *See—*
  - Dunavin, Timothy E.; and Scarantino, Michael A., 4,545,689, Cl. 374-1.000.
- Scarbrough, Don R.: *See—*
  - Hastings, Donald R.; Herstek, Glen A.; and Scarbrough, Don R., 4,543,710, Cl. 29-613.000.
- Scardera, Michael; and Bayusik, John G., to Olin Corporation. Sulfated addition products of selected unsaturated dicarboxylic acids and poly(oxyalkylated) alcohols as anionic surfactants. 4,533,486, 8-6-85, Cl. 252-156.000.
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  - O'Connor, James M.; Scardera, Michael; and Grosser, Frank R., 4,533,485, Cl. 252-156.000.
- Scardilli, A. Vincent; and Levine, Alfred L., to Allied Corporation. Indicator illuminated with electroluminescent lighting. 4,559,582, 12-17-85, Cl. 362-23.000.
- Scardovi, Alessandro, to Ing. C. Olivetti & C., S.p.A. Control system for ink jet printing element. 4,498,089, 2-5-85, Cl. 346-140.00R.
- Scardovi, Alessandro: *See—*
  - Brescia, Riccardo; Buat, Mario; Dagna, Gian D.; and Scardovi, Alessandro, 4,502,054, Cl. 346-75.000.
  - Brescia, Riccardo; Manini, Enrico, Balbo, Edoardo; and Scardovi, Alessandro, 4,546,361, Cl. 346-140.00R.
- Scarffe, Michael F., to V.S. Engineering Ltd. Mechanical handling apparatus. 4,543,638, 9-24-85, Cl. 364-513.000.
- Scarinci, Joseph V. Universal balance plate. 4,530,239, 7-23-85, Cl. 73-455.000.
- Scarito nee Bagnall, Elizabeth A.: *See—*
  - Sethi, Dalbir S.; Meadow, Morton; and Scarito nee Bagnall, Elizabeth A., 4,539,196, Cl. 423-588.000.
- Scarlet, Richard I.; Andrews, James B.; and Henning, William F., II, to EG&G, Inc. Method and apparatus for determining lane count error in a radio navigational system. 4,492,963, 1-8-85, Cl. 343-464.000.
- Scarpero, William J., Jr.: *See—*
  - Cha, Charles W.; Hartman, John W.; Kiesling, David A.; and Scarpero, William J., Jr., 4,553,049, Cl. 307-443.000.
- Scarpini, Manuela, to Interbrev S.A. Slide-fastener half and method of making same. 4,495,679, 1-29-85, Cl. 24-414.000.
- Scarr, Roger; and Fearon, Edward R., to Shin International, Inc. Anti-shoplifting system. 4,527,152, 7-2-85, Cl. 340-572.000.
- Scarr, Roger H.: *See—*
  - Saulters, John D.; and Scarr, Roger H., 4,514,796, Cl. 364-142.000.
- Scarrow, David: *See—*
  - Dunn, David C.; and Scarrow, David, 4,531,519, Cl. 128-327.000.
  - Dunn, David C.; and Scarrow, David, 4,542,743, Cl. 128-327.000.
- Scartazzini, Riccardo: *See—*
  - Schaffner, Karl; and Scartazzini, Riccardo, 4,508,723, Cl. 514-195.000.
- Scarton, Henry A.; DiBianca, Anthony J.; Lacey, James A.; and Kennedy, Warren C., to Rensselaer Polytechnic Institute. Coulomb friction noise and vibration damping. 4,516,658, 5-14-85, Cl. 181-208.000.
- Scarton, Henry A.: *See—*
  - Braun, Alfred J.; Burdick, Aron; and Scarton, Henry A., 4,526,729, Cl. 261-36.00A.
  - Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A., 4,551,017, Cl. 356-28.500.
  - Mannava, Seetha R.; McDonald, John F.; and Scarton, Henry A., 4,551,018, Cl. 356-28.500.
- Scat Enterprises, Inc.: *See—*
  - Lyndhurst, Francis R., 4,542,720, Cl. 123-90.380.
- Scates, Mark O.: *See—*
  - Dougherty, Edward F.; Scates, Mark O.; and Paul, James L., 4,507,495, Cl. 560-205.000.
  - Dougherty, Edward F.; and Scates, Mark O., 4,542,231, Cl. 560-4.000.
- Scavo, Frank A.: *See—*
  - Laws, Dee G.; Scavo, Frank A.; Laws, E. Wayne; and Scavo, Frank R., 4,531,776, Cl. 296-190.000.
- Scavo, Frank R.: *See—*
  - Laws, Dee G.; Scavo, Frank A.; Laws, E. Wayne; and Scavo, Frank R., 4,531,776, Cl. 296-190.000.
- SCC Six-In-One Containers Co., S.A.: *See—*
  - Goutille, Maurice, 4,506,798, Cl. 220-1.500.
- Scearce, Forrest A.: *See—*
  - House, Roy F.; and Scearce, Forrest A., 4,528,104, Cl. 252-8.50M.
- Sceberras, Conrad T. Dual headed razor system. 4,501,066, 2-26-85, Cl. 30-50.000.
- Scebold, Robert A.; and Cleary, James D., to Unitek Corporation. Convertible buccal tube/bracket appliance. 4,511,331, 4-16-85, Cl. 433-17.000.
- Scelba, Stephen S.: *See—*
  - Bako, Lazlo; and Scelba, Stephen S., 4,499,681, Cl. 42-1.00Y.
- Scepanovic, Vojislav; and Raiche, Rejean. Portable slotting and grooving attachment. 4,557,644, 12-10-85, Cl. 409-143.000.
- Scerbo, Joseph E.; and Johnson, Roy B., to York Industries, Inc. Locking, bearing and actuating apparatus. 4,534,269, 8-13-85, Cl. 91-41.000.
- Schaad, Walter; and Kull, Peter, to Sprecher & Schuh AG. High-voltage circuit breaker including cut-on resistor. 4,513,187, 4-23-85, Cl. 200-144.0AP.
- Schaaf, Antoine: *See—*
  - Peckels, Jean; and Schaaf, Antoine, 4,519,587, Cl. 266-80.000.
- Schaaf, Bruce M. Spin-check device for arrows. 4,497,207, 2-5-85, Cl. 73-432.00R.
- Schaaf, Theodore F., to AT&T Technologies, Inc. Plating method using expandable masking bed. 4,507,330, 3-26-85, Cl. 427-261.000.
- Schaake, Herbert F.; Tregilgas, John H.; and Beck, Jeffrey D., to Texas Instruments Incorporated. Gettering method for mercury cadmium telluride. 4,504,334, 3-12-85, Cl. 148-191.000.
- Schaake, Herbert F.: *See—*
  - Beck, Jeffrey D.; Schaake, Herbert F.; Tregilgas, John H.; and Kinch, Michael A., 4,507,160, Cl. 148-191.000.
  - Tregilgas, John H.; Beck, Jeffrey D.; Kinch, Michael A.; and Schaake, Herbert F., 4,501,625, Cl. 148-20.300.
- Schaal, Gunter; and Schramm, Heribert, to Robert Bosch GmbH. Workbench with removable vise. 4,509,731, 4-9-85, Cl. 269-78.000.
- Schaal, Gunter: *See—*
  - Armbruster, Gerhard; Neubert, Werner; and Schaal, Gunter, 4,506,711, Cl. 144-230.000.
  - Gerber, Hans; Hidveghy, Ivan; Schaal, Gunter; Sturmer, Marian; Vogel, Eberhard; and Wessel, Claude, 4,503,425, Cl. 340-680.000.
  - Jundt, Wolfgang; Schaal, Gunter; Schadlich, Fritz; Vogt, Hans-Joachim; and Wunsch, Steffen, 4,562,389, Cl. 318-432.000.
  - Kummer, Martin; Krieg, Uwe; Jundt, Wolfgang; Rieker, Werner; Schadlich, Fritz; and Schaal, Gunter, 4,497,354, Cl. 145-4.000.
- Schaar, John. Arrow and components thereof. 4,533,146, 8-6-85, Cl. 273-422.000.
- Schaar, Richard J.: *See—*
  - Bauer, Martin W.; Thys, Carl J.; Fredriksen, Peter A.; Robin, David J.; and Schaar, Richard J., 4,562,595, Cl. 455-345.000.
- Schabel, Amelia A.: *See—*
  - Nagarajan, Ramakrishnan; and Schabel, Amelia A., 4,552,701, Cl. 260-112.50R.
- Schaber, Scott D.: *See—*
  - Burns, Gary D.; and Schaber, Scott D., 4,523,314, Cl. 371-38.000.
  - Burns, Gary D.; Mackenthun, Donald W.; and Schaber, Scott D., 4,528,665, Cl. 371-51.000.
- Schaberg, Richard R.; and Cole, James E., to Gould Inc. Disposable physiological pressure sensing system. 4,545,389, 10-8-85, Cl. 128-748.000.
- Schabowski, John V.: *See—*
  - Conrad, Marvin; Guttag, Karl M.; Schabowski, John V.; Roskell, Derek; Carey, Jim A.; and Shore, Brian, 4,544,851, Cl. 307-480.000.
  - Roskell, Derek; Schabowski, John V.; Guttag, Karl M.; McDonough, Kevin C.; Shore, Brian; and Preston, Thomas, 4,532,587, Cl. 364-200.000.
- Schachar, Ronald A.; and Solin, Stuart A. Method and apparatus for delivering laser energy for ophthalmic use. 4,520,816, 6-4-85, Cl. 128-303.100.
- Schachar, Ronald A. Cornea incision device. 4,526,171, 7-2-85, Cl. 128-305.000.
- Schacher, Ronald A. Method for inhibiting contraction of ophthalmic wounds or incisions. 4,510,145, 4-9-85, Cl. 514-415.000.
- Schachle, Charles; Schachle, Patrick J.; Schachle, Edward C.; and Schachle, John R. Wind power generating system. 4,503,673, 3-12-85, Cl. 60-398.000.
- Schachle, Edward C.: *See—*
  - Schachle, Charles; Schachle, Patrick J.; Schachle, Edward C.; and Schachle, John R., 4,503,673, Cl. 60-398.000.
- Schachle, John R.: *See—*
  - Schachle, Charles; Schachle, Patrick J.; Schachle, Edward C.; and Schachle, John R., 4,503,673, Cl. 60-398.000.
- Schachle, Patrick J.: *See—*
  - Schachle, Charles; Schachle, Patrick J.; Schachle, Edward C.; and Schachle, John R., 4,503,673, Cl. 60-398.000.
- Schacht, Dieter. Pull-off aid for drawing threads from bobbins. 4,502,644, 3-5-85, Cl. 242-129.800.
- Schacht, Roy A. Printing wheel connecting and adjusting means. 4,516,867, 5-14-85, Cl. 400-175.000.
- Schacht, Roy A. Marking and engraving machine. 4,523,865, 6-18-85, Cl. 400-18.000.
- Schachter, David; Abbott, Richard E.; and Cogan, Uri, to Columbia University, The Trustees of. Impermeant spectroscopic probes. 4,537,718, 8-27-85, Cl. 260-112.50R.
- Schachter, Friedrich. Liquid gas-operated lighter, particularly pocket lighter. 4,496,309, 1-29-85, Cl. 431-344.000.
- Schachter, Friedrich. Shaving instrument. 4,502,217, 3-5-85, Cl. 30-82.000.
- Schachter, Friedrich. Liquid gas-operated lighter. 4,560,345, 12-24-85, Cl. 431-344.000.
- Schachter, Rozalie; Viscogliosi, Marcello; and Bunz, Lewis A., to Stauffer Chemical Company. Sputtered semiconducting films of catenated phosphorus material and devices formed therefrom. 4,509,066, 4-2-85, Cl. 357-2.000.
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Schachter, Rozalie: *See—*

Michel, Christian G.; Schachter, Rozalie; Kuck, Mark A.; Baumann, John A.; and Raccah, Paul M., 4,508,931, Cl. 136-255.000.

Schack, Carl J.; and Christe, Karl O., to United States of America, Air Force. Pentafluorotelluriumoxide fluorocarbons. 4,508,662, 4-2-85, Cl. 260-550.000.

Schack, Carl J.; and Flanagan, Joseph E., to Rockwell International Corporation. Alkyl, azido, nitro ethers and method of preparation. 4,522,756, 6-11-85, Cl. 260-349.000.

Schack, Peter: *See—*

Freller, Helmut; Hassler, Heinrich; Schack, Peter; and Schultz, Ludwig, 4,532,174, Cl. 428-215.000.

Schacknies, Gerhard: *See—*

Ahrens, Norbert; Daniel, Helmut; and Schacknies, Gerhard, 4,491,419, Cl. 366-101.000.

Schad, Hanspeter: *See—*

Kaufmann, Meinolph; and Schad, Hanspeter, 4,492,432, Cl. 350-338.000.

Schad, Robert D.; and Rees, Herbert, to Husky Injection Molding Systems Ltd. System for handling partly finished workpieces. 4,522,581, 6-11-85, Cl. 425-534.000.

Schade, Ekkehard: *See—*

Egli, Walter; Ragaller, Klaus; Schade, Ekkehard; and Stelzer, Roland, 4,556,767, Cl. 200-148.00A.

Schade, Horst J.; Gelhaar, Rolf; and Hartmann, Wolfgang, to Metallgesellschaft Aktiengesellschaft. Collector electrode assembly for tubular electrostatic precipitator. 4,541,849, 9-17-85, Cl. 55-146.000.

Schade, John E.; and King, A. Douglas, Jr., to United States of America, Agriculture. Method for detecting aflatoxin in almonds. 4,535,248, 8-13-85, Cl. 250-459.100.

Schadegg, Rudolf, to H. Kuhnke Electrotechnik GmbH. Pneumatic timing valves. 4,529,004, 7-16-85, Cl. 137-624.110.

Schadewald, Frederic H., to Upjohn Company, The. Sterile suspension and solution holding and mixing tank. 4,515,482, 5-7-85, Cl. 366-136.000.

Schadlich, Fritz; Rieker, Werner; Thaler, Rainer; and Klingenstein, Klaus, to Robert Bosch GmbH. Electric hammering apparatus with air-cushioned armature. 4,515,303, 5-7-85, Cl. 227-131.000.

Schadlich, Fritz: *See—*

Armbruster, Gerhard; Schadlich, Fritz; and Seidel, Eberhard, 4,545,121, Cl. 30-374.000.

Borst, Erich; Schadlich, Fritz; and Stabler, Manfred, 4,516,045, Cl. 310-68.00E.

Gunther, Klaus; Hornung, Friedrich; Paule, Kurt; and Schadlich, Fritz, 4,493,377, Cl. 173-170.000.

Hornung, Friedrich; Jundt, Wolfgang; Schadlich, Fritz; Vogt, Hans-Joachim; and Wunsch, Steffen, 4,502,549, Cl. 173-12.000.

Hornung, Friedrich; and Schadlich, Fritz, 4,540,318, Cl. 408-9.000.

Jundt, Wolfgang; Schaal, Gunter; Schadlich, Fritz; Vogt, Hans-Joachim; and Wunsch, Steffen, 4,562,389, Cl. 318-432.000.

Kummer, Martin; Krieg, Uwe; Jundt, Wolfgang; Rieker, Werner; Schadlich, Fritz; and Schaal, Gunter, 4,497,354, Cl. 145-4.000.

Schadlich, Gotthard, to VEB Kombinat Textima. Spraying apparatus for laundry mangles. 4,498,254, 2-12-85, Cl. 38-14.000.

Schadrack, William C., III; McQueen, Robert W.; and Eyerly, Joyce K., to Zimmer, Inc. Pin inserter sheath. 4,549,538, 10-29-85, Cl. 128-92.0EB.

Schadt, Martin: *See—*

Petrzilka, Martin; Schadt, Martin; and Villiger, Alois, 4,526,704, Cl. 252-299.610.

Petrzilka, Martin; Schadt, Martin; and Villiger, Alois, 4,550,981, Cl. 350-350.00R.

Schaedler, Hansjorg: *See—*

Sawatzki, Harry L.; Koller, Markus; and Schaedler, Hansjorg, 4,538,301, Cl. 2-2.000.

Schaedlich, Gunther; and Moraw, Roland, to Hoechst Aktiengesellschaft. Electrophotographic recording process and photoconductive coating suitable for use therein. 4,551,406, 11-5-85, Cl. 430-119.000.

Schaefer, Charles A.: *See—*

Geipel, Henry J., Jr.; Schaefer, Charles A.; White, Francis R.; and Wursthorn, John M., 4,527,325, Cl. 29-571.000.

Schaefer, David A., to Adsco Manufacturing Corp. Expansion joint. 4,526,409, 7-2-85, Cl. 285-114.000.

Schaefer, Donald D., to Dunham-Bush, Inc. Modular unload slide valve control assembly for a helical screw rotary compressor. 4,508,491, 4-2-85, Cl. 417-310.000.

Schaefer, Donald D., to Dunham-Bush, Inc. Vertical axis hermetic helical screw rotary compressor with discharge gas oil mist eliminator and dual transfer tube manifold for supplying liquid refrigerant and refrigerant vapor to the compression area. 4,545,742, 10-8-85, Cl. 417-366.000.

Schaefer, Ernest R. Oil scavenging material. 4,497,688, 2-5-85, Cl. 162-181.100.

Schaefer, Ernst-Dieter, to ITT Industries Inc. Tandem master cylinder for hydraulically operated vehicular brakes. 4,550,567, 11-5-85, Cl. 60-562.000.

Schaefer, Ernst H., to Westvaco Corporation. Method of bleaching paper pulp by blending chlorine with a flow volume of paper pulp slurry. 4,515,655, 5-7-85, Cl. 162-57.000.

Schaefer, Frederic C., to American Cyanamid Company. Oligomers and homopolymers of meta- or para-isopropenyl-α,α-dimethylbenzylisocyanate. 4,556,702, 12-3-85, Cl. 526-310.000.

Schaefer, George F.: *See—*

Forster, Denis; and Schaefer, George F., 4,518,809, Cl. 568-840.000.

Schaefer, Gerald O. Air brush organizer. 4,545,534, 10-8-85, Cl. 239-286.000.

Schaefer, Helmut; and Schaefer, Philipp, to Secans AG. Synthetic-resin body support material. 4,502,234, 3-5-85, Cl. 36-28.000.

Schaefer, Helmut. Insole for shoes. 4,524,529, 6-25-85, Cl. 36-98.000.

Schaefer, Karl P.: *See—*

Downing, Gerald T.; and Schaefer, Karl P., 4,500,223, Cl. 402-20.000.

Schaefer, Klaus-Dieter: *See—*

Heitmann, Knut; and Schaefer, Klaus-Dieter, 4,496,231, Cl. 354-429.000.

Schaefer, Larry. Casing gas pump. 4,529,364, 7-16-85, Cl. 417-306.000.

Schaefer, Lothar F. Tool for removing an electronic slide-in unit from a fixing rack. 4,519,130, 5-28-85, Cl. 29-764.000.

Schaefer, Lothar F. Locking latch assembly for mounting an electronic component drawer in a rack. 4,530,530, 7-23-85, Cl. 292-256.750.

Schaefer Marine, Inc.: *See—*

Merry, Carl A., 4,502,406, Cl. 114-204.000.

Schaefer, Martin A.; and Sawayda, David J., to Sperry Corporation. Missing phase detector. 4,542,433, 9-17-85, Cl. 361-92.000.

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Schaefer, Helmut; and Schaefer, Philipp, 4,502,234, Cl. 36-28.000.

Schaefer, Richard M.; and Tome, James J., to Minnesota Mining and Manufacturing Company. Stress-opacifying tamper indicating tape. 4,557,505, 12-10-85, Cl. 283-81.000.

Schaefer, Roland, to Kulzer & Co. GmbH. Process for the photopolymerization of vinyl compounds and photopolymerizable materials used in said process. 4,522,694, 6-11-85, Cl. 204-159.240.

Schaefer, Roland, to Kulzer & Co. GmbH. Process for the photopolymerization of vinyl compounds and photopolymerizable materials. 4,534,839, 8-13-85, Cl. 204-159.230.

Schaefer, Rolf: *See—*

Druschke, Frank; Kraus, Georg; Kuenzel, Ulrich; Ruh, Wolf D.; and Schaefer, Rolf, 4,557,796, Cl. 156-643.000.

Schaefer, Ronald J.: *See—*

Ahmad, Shamim; and Schaefer, Ronald J., 4,519,430, Cl. 152-209.00R.

Schaefer, Rudolf K., to Littelfuse, Inc. Panel mountable fuse holder. 4,543,557, 9-24-85, Cl. 337-196.000.

Schaefer Werke GmbH: *See—*

Meike, Klaus, 4,558,735, Cl. 165-131.000.

Schaefer, William J., Jr., to NCR Corporation. Item dispensing system. 4,513,957, 4-30-85, Cl. 271-90.000.

Schaefers, Elvin J., to Terminal Tactics, Inc. Tippet tube and method for carrying tippet material. 4,528,772, 7-16-85, Cl. 43-54.100.

Schaeff, Hans, to Karl Schaeff GmbH & Co. Articulated loader with transversely displaceable counterweight. 4,502,709, 3-5-85, Cl. 280-758.000.

Schaeffer, Andrew P., to Cincinnati Milacron Inc. Knife assembly for tape laying machine. 4,516,461, 5-14-85, Cl. 83-881.000.

Schaeffer, Gregory T., to Litton Systems, Inc. Tunable magnetron of the coaxial-vacuum type. 4,531,104, 7-23-85, Cl. 331-90.000.

Schaeffer, Hans A. Dental preparation, article and method for storage and delivery thereof. 4,528,180, 7-9-85, Cl. 424-52.000.

Schaeffer, Hans-Joachim; and Syrbius, Gerhard, to Hermann Berstorff Maschinenbau GmbH. Cylinder or barrel flange connection. 4,529,232, 7-16-85, Cl. 285-415.000.

Schaeffer, Hans-Joachim: *See—*

Koch, Klaus; Schaeffer, Hans-Joachim; and Syrbius, Gerhard, 4,509,419, Cl. 100-117.000.

Koch, Klaus; Klaus, Rainer; Syrbius, Gerhard; and Schaeffer, Hans-Joachim, 4,530,761, Cl. 210-407.000.

Schaeffer, James: *See—*

Leach, Thomas W.; and Schaeffer, James, 4,555,930, Cl. 73-23.000.

Schaeffer, Karl: *See—*

Niess, Rolf; and Schaeffer, Karl, 4,491,666, Cl. 548-426.000.

Schaeffer, Merle J., to National Geographic Society. Fully rotational illuminated globe. 4,526,546, 7-2-85, Cl. 434-145.000.

Schaeffer, Norman E. Apparatus for applying agricultural chemicals including contact type herbicides. 4,546,570, 10-15-85, Cl. 47-1.500.

Schaeffer, Robert L., to Black & Decker Inc. Drip coffeemaker hot water generator. 4,546,697, 10-15-85, Cl. 99-279.000.

Schaeffer Scovill Verbindungstechnik GmbH: *See—*

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Schaeffer, Wayne G.: *See—*

Ares, Roland A.; Burpo, Steven J.; and Schaeffer, Wayne G., 4,522,037, Cl. 62-196.400.

Schaeflern, Henry: *See—*

Szostak, Jan; Schaeflern, Henry; and Marsh, Walter H. W., 4,497,267, Cl. 112-158.00A.

Szostak, Jan; and Schaeflern, Henry, 4,530,298, Cl. 112-315.000.

Schaer, Leonard S., to Tekcast Industries, Inc. Front loading centrifugal spin caster. 4,519,971, 5-28-85, Cl. 264-311.000.

Schaer, Robert H. Security device for cable television. 4,543,606, 9-24-85, Cl. 358-114.000.

Schaeren, Walter: *See—*

Ray, Claude; and Schaeren, Walter, 4,545,688, Cl. 368-291.000.

Schaetzer, Harry; Raisin, Helmut; and Mausezahl, Dieter, to Ciba-Geigy Corporation. Process for trichromatic dyeing or printing of polyamide. 4,537,598, 8-27-85, Cl. 8-641.000.

Schaetzke, Ulrike: *See—*

Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,510,068, Cl. 252-186.290.

Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,526,582, Cl. 8-107.000.

Schaetzle, Walter J.; Brett, C. Everett; and Al-Ansari, Jasem M. Method for and thermal energy injection withdrawal system for aquifers 4,507,925, 4-2-85, Cl. 60-641.400.

Schaetzle, Walter J. Cascade desiccant air-conditioning/air drying process and apparatus with cold thermal energy storage. 4,527,398, 7-9-85, Cl. 62-94.000.

Schafer, Albert L.: *See—*
- Koeneman, Robert M.; Miller, Benjamin D.; Jablonski, Thaddeus M.; and Schafer, Albert L., 4,513,892, Cl. 222-235.000.

Schafer, David E.; and Czajkowski, Albert J., to Monsanto Company. Organothiophosphorous compounds useful as antidotes for thiocarbamate herbicides. 4,507,143, 3-26-85, Cl. 71-87.000.

Schafer, Doris; and Schafer, Rolf, to Alcon Laboratories, Inc. Polymer hydrogels adapted for use as soft contact lenses, and method of preparing same. 4,546,123, 10-8-85, Cl. 523-106.000.

Schafer, Ewald; and Jung, Harald, to Karl Otto Braun Kg, Firma. Wound textile. 4,542,739, 9-24-85, Cl. 128-156.000.

Schafer, Fritz: *See—*
- Karrenbauer, Michael; Kleemann, Axel; Lussling, Theodor; and Schafer, Fritz, 4,550,199, Cl. 562-556.000.
- Karrenbauer, Michael; Kleemann, Axel; Lussling, Theodor; and Schafer, Fritz, 4,550,200, Cl. 562-556.000.

Schafer, Georg, to Carl Freudenberg, Firma. Vibration damping clutch disc. 4,558,773, 12-17-85, Cl. 192-106.100.

Schafer, Gerhard, to Fritz Schafer Gesellschaft mit beschrankter Haftung. Storage rack with multiple drawer compartments and mold for making same. 4,501,456, 2-26-85, Cl. 312-273.000.

Schafer, Gerhard, to Fritz Schafer Gesellschaft mit beschrankter Haftung. Compartmented transport and storage container. 4,561,705, 12-31-85, Cl. 312-244.000.

Schafer, Gregory L.: *See—*
- Schafer, Tony L.; Schafer, Stephen A.; Schafer, Gregory L.; and Swett, H. Darwin, 4,548,194, Cl. 126-110.00R.

Schafer, Gunter, to Security Lumber & Supply Co. Locking detent for corrugated tube. 4,509,560, 4-9-85, Cl. 138-122.000.

Schafer, Hans; and Gaschler, Michael, to Phillipp Holzmann Aktiengesellschaft; and Gg. Noell GmbH. Container for storing refrigerated liquids. 4,492,087, 1-8-85, Cl. 62-45.000.

Schafer, Heinrich, to Battenfeld Extrusionstechnik GmbH. Drive for single-worm extruder. 4,517,858, 5-21-85, Cl. 74-801.000.

Schafer, Helmut; Huckler, Volker; and Teich, Michael, to Deere & Company. Power take-off lever arrangement for a tractor. 4,517,856, 5-21-85, Cl. 74-528.000.

Schafer, Helmut: *See—*
- Huckler, Volker; Sonns, Eugen; Schafer, Helmut; and Nobis, Dieter, 4,549,637, Cl. 192-3.630.

Schafer, Herbert: *See—*
- Bacharach, Ottmar; and Schafer, Herbert, 4,491,280, Cl. 241-121.000.

Schafer, Horst, to SEMIKRON Gesellschaft fur Gleichrichterbau und Elektronik mbH. Method for producing a plurality of semiconductor circuits. 4,525,924, 7-2-85, Cl. 29-580.000.

Schafer, James P.: *See—*
- Whitwell, Robert J.; and Schafer, James P., 4,492,091, Cl. 62-180.000.

Schafer, Karl: *See—*
- Muller, Hanns P.; and Schafer, Karl, 4,537,596, Cl. 8-115.600.
- Schmeer, Gert; Engelmann, Eberhard; and Schafer, Karl, 4,536,441, Cl. 428-317.300.
- Szonn, Bodo; Schafer, Karl; and Malskeit, Alfred, 4,522,853, Cl. 428-40.000.

Schafer, Otmar U. Apparatus having a dryer for organic substances. 4,499,943, 2-19-85, Cl. 165-95.000.

Schafer, Paul; and Berendt, Hans-Ulrich, to Ciba-Geigy Corporation. Process for pad dyeing cellulosic textile materials. 4,494,956, 1-22-85, Cl. 8-543.000.

Schafer, Paul; and Berendt, Hans-Ulrich, to Ciba-Geigy Corporation. Process for bleaching cellulosic fibre materials using oligomers of phosphonic acid esters as stabilizers in alkaline, peroxide-containing bleaching liquors. 4,496,472, 1-29-85, Cl. 252-186.220.

Schafer, Paul: *See—*
- Guth, Christian; and Schafer, Paul, 4,515,597, Cl. 8-107.000.

Schafer, Rainer: *See—*
- Grosstuck, Werner; and Schafer, Rainer, 4,528,007, Cl. 55-395.000.

Schafer, Ralf: *See—*
- Ganser, Hans G.; Schafer, Ralf; and Stormberg, Hans P., 4,539,513, Cl. 315-176.000.

Schafer, Reinhard: *See—*
- Dorr, Wolfgang; Gradel, Gerhard; Peehs, Martin; Schafer, Reinhard; and Sondermann, Thomas, 4,512,939, Cl. 264-0.500.

Schafer, Rolf; Vogelhuber, Peter; and Wysk, Hans-Joachim, to Kienzle Apparate GmbH. Needle printer assembly. 4,521,122, 6-4-85, Cl. 400-124.000.

Schafer, Rolf: *See—*
- Schafer, Doris; and Schafer, Rolf, 4,546,123, Cl. 523-106.000.

Schafer, Stefan: *See—*
- Gehrmann, Klaus; Ohorodnik, Alexander; Rosenthal, Johannes; and Schafer, Stefan, 4,518,538, Cl. 260-543.00P.

Schafer, Stephen A.: *See—*
- Schafer, Tony L.; Schafer, Stephen A.; Schafer, Gregory L.; and Swett, H. Darwin, 4,548,194, Cl. 126-110.00R.

Schafer, Tony L.; Schafer, Stephen A.; Schafer, Gregory L.; and Swett, H. Darwin. Fuel stoker and furnace. 4,548,194, 10-22-85, Cl. 126-110.00R.

Schafer, Ulrich: *See—*
- Muhlberger, Horst; Prinz, Bruno; Wunder, Wolf; Schafer, Ulrich; and Bognar, Josef, 4,541,878, Cl. 148-139.000.

Schafer, Walter; Meiners, Hans-Joachim; Seel, Klaus; Reichmann, Wolfgang; Wagner, Kuno; and Findeisen, Kurt, to Bayer Aktiengesellschaft. Process for the production of microcellular moldings from diisocyanate and compounds containing groups obtained by reacting amino groups with carbon dioxide. 4,499,038, 2-12-85, Cl. 264-51.000.

Schafer, Wolfgang: *See—*
- Rombusch, Konrad; Maahs, Gunther; and Schafer, Wolfgang, 4,537,924, Cl. 524-103.000.

Schaff, Didier: *See—*
- Marhic, Gerard; Schaff, Didier; and Remy, Francis, 4,555,609, Cl. 219-121.0PC.

Schaff, Fredrick L.; and Gottlieb, Milton, to Westinghouse Electric Corp. Method and apparatus for light chopping by acousto-optic refraction. 4,500,175, 2-19-85, Cl. 350-358.000.

Schaffer, Derace L. Device for monitoring X-ray radiation and method of using same. 4,546,251, 10-8-85, Cl. 250-252.100.

Schaffer, Douglas A.: *See—*
- Richardson, Michael M.; and Schaffer, Douglas A., 4,557,617, Cl. 400-208.000.

Schaffer, James R., Jr., to Boeing Company, The. Compact laser simulator. 4,524,406, 6-18-85, Cl. 362-32.000.

Schaffer, Norbert: *See—*
- Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,515,331, Cl. 242-199.000.
- Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,541,587, Cl. 242-197.000.

Schaffer, Rudolf, to Compagnie des Montres Longines Francillon S.A. System for identification and determination of the moment of passage of a multiple number of moving bodies at a given point on their path. 4,551,725, 11-5-85, Cl. 343-6.5SS.

Schaffner, Arlene: *See—*
- Lee, Valerie H., 4,553,746, Cl. 272-68.000.

Schaffner, Donald: *See—*
- Lee, Valerie H., 4,553,746, Cl. 272-68.000.

Schaffner, John P.: *See—*
- Sundberg, Jack G.; Schaffner, John P.; and Conlon, Daniel J., 4,500,268, Cl. 418-1.000.

Schaffner, Karl; and Scartazzini, Riccardo, to Ciba-Geigy Corporation. 6-Azaoligocycloalkylmethyleneaminopenam compounds. 4,508,723, 4-2-85, Cl. 514-195.000.

Schaffran, Dean L.: *See—*
- Kelly, Lawrence S.; Schaffran, Dean L.; and Nii, Donald S., 4,505,405, Cl. 222-135.000.

Schaible, Siegfried, to Klockner-Humboldt-Deutz AG Zweigniederlassung Fahr. Apparatus for binding rolled bales of agricultural harvested crops. 4,557,189, 12-10-85, Cl. 100-4.000.

Schaible, Walter, to Dr. Ing. h.c.F. Porsche AG. Method for manufacturing a vehicle wheel. 4,532,786, 8-6-85, Cl. 72-68.000.

Schaich, Eugen: *See—*
- Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, 4,544,631, Cl. 435-14.000.

Schaich, Josef. Four-stroke piston engine. 4,539,950, 9-10-85, Cl. 123-79.00C.

Schaich, Wilbur A., to Centrifugal Piston Expander, Inc. Rotating cylinder engine and method of operating the engine. 4,558,666, 12-17-85, Cl. 123-43.00R.

Schainker, Robert B.: *See—*
- Cohn, Arthur; and Schainker, Robert B., 4,512,715, Cl. 415-168.000.

Schal, Wilfried, to Fresenius AG. Hemodialysis apparatus with degassing means for the dialysis solution. 4,530,759, 7-23-85, Cl. 210-104.000.

Schalke, Peter; Manfred, Langer; and Huthmacher, Klaus, to Degussa Aktiengesellschaft. Process for the production of guanidine hydrochloride. 4,542,240, 9-17-85, Cl. 564-232.000.

Schalkowsky, Ellen R.: *See—*
- Schalkowsky, Samuel; and Schalkowsky, Ellen R., 4,514,495, Cl. 435-32.000.

Schalkowsky, Samuel; and Schalkowsky, Ellen R., to Spiral System Instruments, Inc. Method for testing microbial interaction with growth affecting substances. 4,514,495, 4-30-85, Cl. 435-32.000.

Schalkowsky, Samuel; and Pepper, William, Jr., to Spiral System Instruments, Inc. Method and apparatus for testing microbial interaction with growth affecting substances. 4,517,292, 5-14-85, Cl. 435-32.000.

Schall, Walter; Negro, Guido; Hipp, Martin; and Albrecht, Hans, to Bielomatik Leuze GmbH & Co. Apparatus for making holes in thick stacks of paper. 4,509,396, 4-9-85, Cl. 83-126.000.

Schaller, Albert R. Centrifugal brake device, especially for the automatic winding of an electrical cable. 4,500,048, 2-19-85, Cl. 242-107.300.

Schaller, Dieter: *See—*
- Locher, Johannes; and Schaller, Dieter, 4,499,412, Cl. 318-592.000.
- Muller, Alfred; Schaller, Dieter; and Schwab, Manfred, 4,501,170, Cl. 74-866.000.

Schaller, George E., to Ceramic Magnetics, Inc. Positional transducer. 4,544,803, 10-1-85, Cl. 178-18.000.

- Schaller, Helmut F. K. Attachment for releasably holding stemmed tools. 4,505,177, 3-19-85, Cl. 84-329.000.
- Schaller, Helmut F. K. Tremolo tailpiece and bridge device. 4,512,232, 4-23-85, Cl. 84-313.000.
- Schaller, Helmut F. K. Magnetic pickup for stringed instruments. 4,535,668, 8-20-85, Cl. 84-1.150.
- Schaller, Klaus: *See—*
  - Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.
- Schaller, Werner, to Siemens Aktiengesellschaft. Mounting and contacting assembly for plate-shaped electrical device. 4,538,210, 8-27-85, Cl. 361-401.000.
- Schaller, Werner, to Siemens Aktiengesellschaft. Cable lead-in for encapsulated electrical equipment. 4,544,221, 10-1-85, Cl. 339-60.00M.
- Schaltbau Gesellschaft mbH: *See—*
  - Happach, Anton, 4,491,812, Cl. 335-184.000.
- Schamaun, Paul U.: *See—*
  - Brandi, Roberto; Di Lena, Francesco; Vanore, Silvestro; Naess, Tor; and Schamaun, Paul U., 4,543,014, Cl. 405-207.000.
- Schambeck, Herbert, to Dyckerhoff & Widmann Aktiengesellschaft. Stiffening girder for a stayed cable bridge. 4,513,465, 4-30-85, Cl. 14-17.000.
- Schammel, Wayne P.: *See—*
  - Kilner, Peter H.; Egan, Joseph P., Jr.; Ceisel, Stephen G.; and Schammel, Wayne P., 4,537,978, Cl. 549-245.000.
- Schamper, Thomas J.; Perl, Martin M.; and Warren, James D., to American Cyanamid Company. Acid stable dibenzyl monosorbitol acetal gels. 4,518,582, 5-21-85, Cl. 424-66.000.
- Schaner, Ferdinand: *See—*
  - Weber, Klaus; Hujer, Friedrich; and Schaner, Ferdinand, 4,508,224, Cl. 206-455.000.
- Schanin, David J.: *See—*
  - Caprio, A. Ronald; Cyr, John P.; Geaghan, Bernard O.; Kotschenreuther, Paul C.; Schanin, David J.; and Salett, Ronald M., 4,556,953, Cl. 364-900.000.
- Schankler, Martin. Film core with restrainer. 4,540,134, 9-10-85, Cl. 242-74.000.
- Schanne, Joseph F.; and Elliott, Lewis D., to RCA Corporation. Adaptive analog-to-digital converter. 4,540,974, 9-10-85, Cl. 340-347.0AD.
- Schantl, Joachim: *See—*
  - Brombacher, Urs; Montavon, Marc; Bretschneider, Hermann; Schantl, Joachim; and Turk, Wolfgang, 4,544,659, Cl. 514-297.000.
- Schantz, Christopher A.: *See—*
  - Hanson, Eric G.; Hiskes, Ronald; and Schantz, Christopher A., 4,512,629, Cl. 350-96.300.
- Schantz, Raymond G., to Schantz & Sons, Inc. Tilt bed vertically storable utility trailer. 4,511,181, 4-16-85, Cl. 298-5.000.
- Schantz, Robert E.; McCune, James D.; and Prunty, Pleasant A., to Schantz, Robert E. Gas horseshoe forge. 4,545,361, 10-8-85, Cl. 126-226.000.
- Schantz, Ronald K.: *See—*
  - Kramer, Lee F.; Schantz, Ronald K.; Kirkham, Steven C.; and Tschanz, Charles M., 4,505,339, Cl. 172-812.000.
- Schantz & Sons, Inc.: *See—*
  - Schantz, Raymond G., 4,511,181, Cl. 298-5.000.
- Schanz, Friedrich; Schucker, Emil; Schucker, Eberhard; and Perrot, Alexander, to Perrot-Regnerbau GmbH & Co. Swivel drive for fan-jet sprinkler. 4,511,085, 4-16-85, Cl. 239-242.000.
- Schanz, Friedrich; Schucker, Emil; and Perrot, Alexander, to Perrot-Regnerbau GmbH & Co. Adjustable oscillating fan-jet sprinkler. 4,545,532, 10-8-85, Cl. 239-242.000.
- Schanz, Karl-Heinz: *See—*
  - Kaube, Peter; Schanz, Karl-Heinz; Vetter, Heinz; and Muller, Jens, 4,513,048, Cl. 428-188.000.
- Schanz, Klaus; Schwind, Albert; Grund, Hartmut; and Klehr, Peter, to Giulini Chemie GmbH. Basic magnesium aluminum hydroxycarbonate. 4,539,195, 9-3-85, Cl. 423-419.00P.
- Schanze, Rudolf. Method for the preparation of powderized honey products, the products obtained according to the method and their use. 4,504,516, 3-12-85, Cl. 426-658.000.
- Schanze, Rudolf. Method of producing a biologically high quality natural food concentrate, the product obtained and its use. 4,540,594, 9-10-85, Cl. 426-74.000.
- Schapel, Dietmar: *See—*
  - von Bittera, Miklos; Federmann, Manfred; von Gizycki, Ulrich; Schapel, Dietmar; Stendel, Wilhelm; Voege, Herbert; and Dorn, Hubert, 4,543,247, Cl. 424-14.000.
  - von Bittera, Miklos; Dorn, Hubert; Schapel, Dietmar; Stendal, Wilhelm; Voege, Herbert; Federman, Manfred; and von Gizycki, Ulrich, 4,544,547, Cl. 424-14.000.
- Schapira, Joseph; Ken, Victor; and Dauptain, Jean-Loup, to Compagnie Francaise de Produits Industriels. Process for the treatment of phosphatized metal surfaces with a composition comprising trivalent titanium. 4,497,666, 2-5-85, Cl. 148-6.15R.
- Schapiro, Abraham, deceased; and Schapiro, Mable S., executor. Instantized mixture of soya protein and caseinate. 4,507,328, 3-26-85, Cl. 426-580.000.
- Schapiro, Mable S., executor: *See—*
  - Schapiro, Abraham, deceased; and Schapiro, Mable S., executor, 4,507,328, Cl. 426-580.000.
- Schappert, Raymond F.: *See—*
  - Das, Suryya K.; Boberski, William G.; Greigger, Paul P.; Jones, James E.; Schappert, Raymond F.; and Seiner, Jerome A., 4,522,958, Cl. 523-212.000.
  - Das, Suryya K.; Greigger, Paul P.; Boberski, William G.; Jones, James E.; Schappert, Raymond F.; and Seiner, Jerome A., 4,526,910, Cl. 523-220.000.
- Schar, Meinrad: *See—*
  - Libicky, Arnost; and Schar, Meinrad, 4,546,069, Cl. 430-390.000.
- Scharboneau, Gerald L., to Van Wallaghen, Jack, a part interest. Lock bypassing tool. 4,561,271, 12-31-85, Cl. 70-399.000.
- Schard, Lothar, to SKF Kugellagerfabriken GmbH. Lubricating rotor bearings in open end spinning machines. 4,541,740, 9-17-85, Cl. 384-473.000.
- Scharen, Walter: *See—*
  - Meyer, Jacques; and Scharen, Walter, 4,531,965, Cl. 71-92.000.
- Scharer, Max: *See—*
  - Van Gestel, Josef; Duytschaever, Benedikt; Muntwyler, Rene; and Scharer, Max, 4,542,146, Cl. 514-383.000.
- Scharf, Donald: *See—*
  - Kennon, James L.; Sieminski, Richard; Sharpless, John; and Scharf, Donald, 4,538,542, Cl. 118-302.000.
- Scharf, Gunther: *See—*
  - Merchant, Harish D.; Morris, James G.; and Scharf, Gunther, 4,526,625, Cl. 148-2.000.
- Scharf, Hans-Dieter: *See—*
  - Kraatz, Udo; Jager, Gerhard; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; Scharf, Hans-Dieter; and Frauenrath, Herbert, 4,559,355, Cl. 514-383.000.
- Scharf, James O.: *See—*
  - Himmelberger, John E.; and Scharf, James O., 4,539,739, Cl. 29-564.100.
- Scharf, Karl-Gunter: *See—*
  - Budich, Wolfgang; Gasper, Bertram; Kurth, Josef; Scharf, Karl-Gunter; and Wissinger, Waldemar, 4,514,449, Cl. 428-76.000.
- Scharf, Rolf; Koch, Ferdinand; and Schlussler, Hans-Joachim, to Henkel Kommanditgesellschaft auf Aktien. Liquid residue reducing preparations containing octane-1-phosphonic acid or a water-soluble salt thereof. 4,560,493, 12-24-85, Cl. 252-174.160.
- Scharf, Rolf: *See—*
  - Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.
  - Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,548,729, Cl. 252-174.210.
- Scharf, Udo; and Schlingmann, Merten, to Hoechst Aktiengesellschaft. Process for the purification of microbial protein isolates. 4,530,785, 7-23-85, Cl. 260-112.00R.
- Scharfe, Merlin E.: *See—*
  - Mammino, Joseph; Sypula, Donald S.; Abramsohn, Dennis A.; Abkowitz, Martin A.; and Scharfe, Merlin E., 4,515,882, Cl. 430-58.000.
- Scharfenberg, Paul M.; and Findley, Kenneth N., Jr., to Findley Adhesives, Inc. Method of manufacturing dual arch corrugated paperboard product. 4,495,011, 1-22-85, Cl. 156-78.000.
- Scharfenberg, Paul M.; and Findley, Kenneth N., Jr., to Findley Adhesives, Inc. Method of manufacturing corrugated paperboard product using a foamed adhesive. 4,561,918, 12-31-85, Cl. 156-78.000.
- Scharfenbergkupplung GmbH: *See—*
  - Forster, Hilmar; and Wonka, Heinz-Georg, 4,497,414, Cl. 213-76.000.
- Scharff, Karl-Heinz: *See—*
  - Burger, Arnulf; Scharff, Karl-Heinz; Geiger, Kurt; Schnee, Gunther; and Pieper, Hartwig, 4,536,909, Cl. 15-4.000.
- Scharfy, Madelon L. Culinary utensil support. 4,515,332, 5-7-85, Cl. 248-37.300.
- Scharmann GmbH & Co.: *See—*
  - Malzkorn, Matthias, 4,552,495, Cl. 409-136.000.
- Scharmer, Wolfgang; Saettler, Heinz; and Schlag, Eugen, to Carl Schenck AG. Method and vibratory chute for treating goods. 4,527,747, 7-9-85, Cl. 241-26.000.
- Scharner, Peter: *See—*
  - Esper, Friedrich J.; Fischer, Hermann; Friese, Karl-Hermann; and Scharner, Peter, 4,532,492, Cl. 338-34.000.
- Scharpenberg, Rainer: *See—*
  - Pieper, Kurt; and Scharpenberg, Rainer, 4,517,152, Cl. 376-252.000.
- Scharper S.p.A. per l'Industria Farmaceutica: *See—*
  - Del Vecchio, Alfonso; and Sestini, Grazia, 4,562,287, Cl. 562-492.000.
- Scharpey, Wilhelm, to Swiss Aluminium Ltd. Reduction pot. 4,548,692, 10-22-85, Cl. 204-243.00R.
- Scharpf, Heinz: *See—*
  - Hagenlocher, Walter; Rapp, Lutz; Eschen, Werner; Ragaly, Istvan; Scharpf, Heinz; Streller, Jorg; Weigand, Johann; and Winkler, Klaus, 4,540,907, Cl. 310-68.00D.
- Scharting, Gunter: *See—*
  - Neugebauer, Steffen; and Scharting, Gunter, 4,553,858, Cl. 384-473.000.
- Schartz, Charles O. Peristaltic pump apparatus. 4,522,570, 6-11-85, Cl. 417-475.000.
- Schartz, Charles O., to Pickle Creek Mfg., Inc. Multi-port hydraulic swivel. 4,558,890, 12-17-85, Cl. 285-13.000.

Schartz, Vern R., to Amfit Incorporated. System and method for forming custom-made shoe inserts. 4,517,696, 5-21-85, Cl. 12-1.00R.
Schat, Hermanus: *See—*
Sauer, Wolfgang; Schmidtpott, Friedrich; Schat, Hermanus; and Freyberger, Laurin C., 4,533,879, Cl. 331-1.00A.
Schatteman, Etienne A., to Staar S.A. Automatic disc loading apparatus. 4,498,162, 2-5-85, Cl. 369-77.100.
Schatteman, Etienne A., to Staar S.A. Slot type disc recorder and/or player apparatus. 4,510,591, 4-9-85, Cl. 369-77.100.
Schatteman, Etienne A., to Staar S.A. Loading and unloading system for recording and/or playback apparatus. 4,546,396, 10-8-85, Cl. 360-96.500.
Schatull, Wolfgang: *See—*
Sucrow, Wolfgang; Schatull, Wolfgang; and Fuss, Peter, 4,537,698, Cl. 252-299.610.
Schaty, Harald, to USM Corporation. Plastic pipe clip. 4,550,891, 11-5-85, Cl. 248-68.100.
Schaty, Harald, to USM Corporation. Plastic fastener. 4,561,146, 12-31-85, Cl. 16-7.000.
Schaty, Harold, to USM Corporation. Mounting clip. 4,541,153, 9-17-85, Cl. 24-305.000.
Schatz, Bernard B.: *See—*
Chevrier, Rene R.; and Schatz, Bernard B., 4,503,617, Cl. 33-174.00L.
Schatz, Friedrich: *See—*
Wcislo, Manfred; Breitenbach, Otto; Schatz, Friedrich; and Riepling, Ulrich, 4,557,038, Cl. 29-596.000.
Ziemek, Gerhard; Schatz, Friedrich; Muller, Dieter; and Rowell, Douglas W., 4,506,135, Cl. 219-107.000.
Ziemek, Gerhard; Schatz, Friedrich; and Meyer, Hermann, 4,520,622, Cl. 57-59.000.
Schatz, Jack M.; and Gajda, Robert S. Lower extremity exerciser. 4,492,376, 1-8-85, Cl. 272-138.000.
Schatz, Klaus W.: *See—*
Haddad, James H.; Owen, Hartley; and Schatz, Klaus W., 4,502,947, Cl. 208-161.000.
Haddad, James H.; and Schatz, Klaus W., 4,504,291, Cl. 55-319.000.
Schatzka, Richard L.: *See—*
Cookson, John A.; Schatzka, Richard L.; Echard, Richard A.; and Scheer, Gary W., 4,551,718, Cl. 340-825.160.
Schatzki, Thomas F., to United States of America, Agriculture. Detection of agricultural contraband in baggage. 4,539,648, 9-3-85, Cl. 364-555.000.
Schaub, Clyde D.: *See—*
Cegielski, John M., Jr.; Campbell, Gerald D.; and Schaub, Clyde D., 4,512,267, Cl. 110-347.000.
Schaub, Dietmar; and Heups, Gert, to Albert Nestler GmbH. Electronic stylus for digitizing devices. 4,491,688, 1-1-85, Cl. 178-18.000.
Schaub, Erwin L., to Parker-Hannifin Corporation. Pipe restraint device. 4,492,393, 1-8-85, Cl. 285-236.000.
Schaub, Erwin L.: *See—*
Viola, Frank J.; Schaub, Erwin L.; and Burke, Lawrence H., 4,504,816, Cl. 337-255.000.
Viola, Frank J.; Schaub, Erwin L.; Sharp, Bernard C.; and Evans, Raymond J., 4,558,994, Cl. 417-295.000.
Schaub, Maurice: *See—*
Porta, Augusto; Schaub, Maurice; Ayerbe, Andre; and Bunter, Guy, 4,560,455, Cl. 204-130.000.
Schaub, Michael M.; and Zintzmeyer, Jorg, to Zintmeyer & Lux AG. Case with an obstacle-free basic frame element, lateral elements and different types of additional elements. 4,540,071, 9-10-85, Cl. 190-121.000.
Schaub, Robert E.; Miner, Thomas G.; and Bernstein, Seymour, to American Cyanamid Company. Substituted phenyl-1-thio(poly-O-sulfo)-α(or β)-D-glucopyranosides. 4,515,782, 5-7-85, Cl. 514-24.000.
Schaub, Thomas: *See—*
Massey, James L.; and Schaub, Thomas, 4,506,372, Cl. 375-116.000.
Schaubeck, Paul E., to Owens-Illinois, Inc. Tamper indicating child resistant closure. 4,527,701, 7-9-85, Cl. 215-220.000.
Schaudt Maschinenbau GmbH: *See—*
Brill, Jurgen, 4,557,078, Cl. 51-325.000.
Schauer, Friedrich, to Kabelmetal Electro GmbH. Connecting a cable to a P.C. board. 4,494,308, 1-22-85, Cl. 29-858.000.
Schauf, Dieter; Protoschill, Klaus; Oberbach, Karl; and Depcik, Hans-Werner, to Bayer Aktiengesellschaft. Plastic wheel. 4,511,184, 4-16-85, Cl. 301-63.0PW.
Schauf, Dieter, to Bayer Aktiengesellschaft. Hollow bodies of plastic materials. 4,544,588, 10-1-85, Cl. 428-35.000.
Schauffele, Carl N.: *See—*
Brooks, Edward J.; and Schauffele, Carl N., 4,503,508, Cl. 364-525.000.
Schaul, Jean-Paul, to Fraver S.A. Process and apparatus for continuously treating a web adapted to pass through a computer printer. 4,541,337, 9-17-85, Cl. 101-227.000.
Schaulin, Rudolf: *See—*
Karlen, Urs; Putzar, Roland; and Schaulin, Rudolf, 4,550,178, Cl. 548-426.000.
Schaum-Chemie W. Bauer GmbH & Co. KG: *See—*
Baumann, Heinz, 4,537,913, Cl. 521-107.000.
Schaumann, Peter H. Water glider assembly. 4,541,809, 9-17-85, Cl. 441-76.000.
Schaumberg, John P.: *See—*
Brankiewicz, Alex J.; Bunge, Richard H.; French, James C.; Hokanson, Gerard C.; Hurley, Timothy R.; and Schaumberg, John P., 4,539,203, Cl. 424-117.000.
Young, Cynthia A.; Schaumberg, John P.; Hokanson, Gerard C.; French, James C.; and Tunac, Josefino B., 4,554,162, Cl. 424-117.000.
Schaumburg, Edward G.; and Stanefski, Eugene F., to GNB Batteries Inc. Compound dispensing method and apparatus. 4,515,187, 5-7-85, Cl. 141-1.000.
Schaumburg, Edward G.; Benson, Cory D.; Wolf, Alby H.; and Zais, Michael G., to GNB Batteries Inc. Apparatus and method for casting straps on battery cell elements. 4,534,401, 8-13-85, Cl. 164-102.000.
Schaumburg, Edward G.: *See—*
Sabatino, Anthony; Stanefski, Eugene F.; Romanchuk, Ronald N.; and Schaumburg, Edward G., 4,509,252, Cl. 29-623.100.
Sabatino, Anthony; Schaumburg, Edward G.; Recht, Peter A.; Olszewski, Douglas J.; and Strait, Richard T., 4,510,682, Cl. 29-623.100.
Schaumburg, Theodore R., to Pioneer Screw & Nut Co. Apparatus for on line, random sample, inspection of cold-formed blanks for threaded fasteners. 4,557,125, 12-10-85, Cl. 72-12.000.
Schaupp, Richard E., to Racor Industries, Inc. Filter assembly. 4,502,955, 3-5-85, Cl. 210-149.000.
Schaus, John M., to Eli Lilly and Company. Method of preparing permissibly-substituted 1H(and 2H)pyrazolo[3,4-g]quinolines; pyrimido[4,5,g]quinolines; thiazolo[4,5,g]quinolines and intermediates therefore. 4,537,964, 8-27-85, Cl. 544-250.000.
Schaus, John M., to Eli Lilly and Company. Method of preparing trans-D1-1-alkyl-6-oxodecahydroquinolines. 4,540,787, 9-10-85, Cl. 546-164.000.
Schaus, John M.: *See—*
Nichols, Cynthia L.; Kornfeld, Edmund C.; and Schaus, John M., 4,507,478, Cl. 544-250.000.
Schausberger, Christoph, to Bayerische Motoren Werke AG. Cylinder head of light metal for air-compressing, auto-igniting internal combustion engines. 4,552,108, 11-12-85, Cl. 123-270.000.
Schaut, Josef; and Ruppel, Peter. Microfilm camera for filming punch cards. 4,551,012, 11-5-85, Cl. 355-50.000.
Schaut, Josef; Ruppel, Peter; and Hultner, Karl, to SMA Schaut GmbH, Firma. Camera box for microfilm cameras. 4,556,302, 12-3-85, Cl. 354-83.000.
Schavilje, Robert: *See—*
Gericke, Hermann; and Schavilje, Robert, 4,496,083, Cl. 222-231.000.
Schebece, Frank; and Carson, John C., Jr., to Colgate-Palmolive Company. Elastic detergent product containing anionic and amphoteric synthetic organic detergents. 4,554,097, 11-19-85, Cl. 252-542.000.
Scheben, John A.; and Hinnenkamp, James A., to National Distillers and Chemical Corporation. Process for the production of esters. 4,499,298, 2-12-85, Cl. 560-241.000.
Schebler, Bernard J., to Litton Systems, Inc. Selector valve for an aircraft on board oxygen generation system with high pressure oxygen backup. 4,499,914, 2-19-85, Cl. 137-81.100.
Schechter, Michael M., to Ford Motor Company. Plunger type fuel injection pump. 4,497,299, 2-5-85, Cl. 123-451.000.
Schechter, Michael M., to Ford Motor Company. Electromagnetic unit fuel injector and method for calibrating. 4,498,625, 2-12-85, Cl. 239-5.000.
Schechter, Michael M.; and Simko, Aladar O., to Ford Motor Company. Fuel injection pump. 4,541,394, 9-17-85, Cl. 123-506.000.
Scheck, Georg; and Bogner, Martin, to Geze GmbH. Laterally releasable toe unit for a ski safety binding. 4,516,792, 5-14-85, Cl. 280-625.000.
Scheck, Georg: *See—*
Bogner, Martin; and Scheck, Georg, 4,529,218, Cl. 280-632.000.
Scheckel, Bruno; and Wittenzellner, Ernst, to Siemens Aktiengesellschaft. Digital tone generator for tone sequences. 4,516,113, 5-7-85, Cl. 340-384.00E.
Scheckel, William D. Starting device for gasoline engines. 4,531,482, 7-30-85, Cl. 123-179.0SE.
Schecter, Steven M.: *See—*
Mahlmann, James P.; Schecter, Steven M.; and Scher, Lawrence, 4,501,761, Cl. 426-467.000.
Schedel, John W.; and Lord, Richard G., to Carrier Corporation. Incrementally adjustable electronic expansion valve. 4,523,436, 6-18-85, Cl. 62-222.000.
Schedel, Wolfgang E. Method of molding an elongate foamed resin article from expandable thermoplastic resin beads. 4,539,167, 9-3-85, Cl. 264-51.000.
Schedele, Helmut, to Siemens Aktiengesellschaft. Contact arrangement for relays. 4,523,165, 6-11-85, Cl. 335-106.000.
Schedele, Helmut, to Siemens Aktiengesellschaft. Electromagnetic rotating armature relay. 4,527,138, 7-2-85, Cl. 335-81.000.
Schedewie, Franz: *See—*
Makosch, Gunter; and Schedewie, Franz, 4,498,771, Cl. 356-351.000.
Schedlitzki, Dietmar: *See—*
Fock, Jurgen; and Schedlitzki, Dietmar, 4,537,934, Cl. 525-123.000.
Scheef, Hans-Volker: *See—*
Herwig, Jens; Scheef, Hans-Volker; Schleppinghoff, Bernhard; and Lange, Peter M., 4,504,688, Cl. 568-697.000.
Scheef, Wolfgang: *See—*
Biedermann, Jurgen; Etschenberg, Eugen; Friehe, Hugo; Scheef, Wolfgang; and Winkelmann, Johannes, 4,505,854, Cl. 260-112.50R.
Scheel, John H., to Armco Inc. Method of controlling substantially equal distribution of particulates from a multi-outlet distributor and an article constructed according to the method. 4,527,776, 7-9-85, Cl. 266-44.000.

- Scheer, Gary W.: *See—*
  - Cookson, John A.; Schatzka, Richard L.; Echard, Richard A.; and Scheer, Gary W., 4,551,718, Cl. 340-825.160.
- Scheetz, Barry; Rizer, Janine M.; and Hahn, Michael, to Research One Limited Partnership. Cementitious composite material. 4,505,753, 3-19-85, Cl. 106-90.000.
- Schefczik, Ernst: *See—*
  - Bergmann, Udo; Dix, Johannes P.; Hansen, Guenter; and Schefczik, Ernst, 4,496,480, Cl. 534-794.000.
  - Lotsch, Wolfgang; Kemper, Reinhard; and Schefczik, Ernst, 4,525,591, Cl. 544-250.000.
- Schefer, Kurt; and Salvisberg, Kurt, to Rieter Machine Works, Ltd. Filament winding machine. 4,497,450, 2-5-85, Cl. 242-18.00A.
- Schefers, Friedhelm: *See—*
  - Lodwig, Klaus; and Schefers, Friedhelm, 4,514,011, Cl. 299-42.000.
- Scheffee, Robert S., to Atlantic Research Corporation. Coal-water fuel slurries and process for making. 4,498,906, 2-12-85, Cl. 44-51.000.
- Scheffee, Robert S., to Atlantic Research Corporation. Coal-water fuel slurries and process for making same. 4,504,277, 3-12-85, Cl. 44-51.000.
- Scheffer, Daniel G.; Brock, Christopher W.; and Schumer, Douglas B., to Ohaus Scale Corporation. Electronic balance. 4,525,794, 6-25-85, Cl. 364-567.000.
- Scheffer, Hans: *See—*
  - Damman, Ben; Drijver, Jan; Kinneging, Hans; Scheffer, Hans; Stam, Jaap; and de Witte, Paul, 4,501,639, Cl. 159-48.100.
  - Damman, Ben; Scheffer, Hans; de Witte, Paul; Krause, Johannes; Haas, Hans; and Kowalski, Werner, 4,534,946, Cl. 423-315.000.
- Scheffers, Richard W., to Signode Corporation. Mechanism for filling bags of different sizes. 4,517,788, 5-21-85, Cl. 53-459.000.
- Scheffers, Richard W., to Signode Corporation. Registration of bags in a filling machine. 4,522,017, 6-11-85, Cl. 53-570.000.
- Scheffler, Reingard: *See—*
  - Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, 4,495,351, Cl. 544-234.000.
- Scheggi, Verga A.: *See—*
  - Sottini, Stefano; Brenci, Massimo; Righini, Giancarlo; Falciai, Riccardo; Russo, Vera; and Scheggi, Verga A., 4,521,070, Cl. 350-96.150.
- Schegolev, Vladimir I.: *See—*
  - Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.
- Scheib, Thomas J.: *See—*
  - Klatt, John H.; and Scheib, Thomas J., 4,539,840, Cl. 73-112.000.
  - Moss, William H.; and Scheib, Thomas J., 4,521,869, Cl. 364-900.000.
- Scheibe, Horst: *See—*
  - Meyer, Dietmar; and Scheibe, Horst, 4,546,845, Cl. 180-286.000.
- Scheibe, Peter; Bernt, Erich; and Klose, Sigmar, to Boehringer Mannheim GmbH. Method and reagent for the enzymatic determination of enzyme substrates. 4,517,287, 5-14-85, Cl. 435-4.000.
- Scheibel, Horst; and Haug, Walter, to Karl Kassbohrer Fahrzeugwerke GmbH. Track former for cross country ski tracks with means to move former to transport position. 4,523,398, 6-18-85, Cl. 37-220.000.
- Scheibengraber, Karl J. Stirling engine. 4,524,583, 6-25-85, Cl. 60-525.000.
- Scheibengraber, Karl J., to General Electric Company. Reflective alignment light for computerized tomography. 4,538,289, 8-27-85, Cl. 378-20.000.
- Scheibenreif, John A., to ITT Corporation. Modular swivel connector. 4,547,027, 10-15-85, Cl. 339-8.00R.
- Scheibli, Peter, to Ciba-Geigy Corporation. Process for dyeing or printing cellulose textile fiber materials with reactive dyes containing fluoro-triazine. 4,523,925, 6-18-85, Cl. 8-549.000.
- Scheicher, Hans; Siegele, Dieter; and Soltesz, Uwe, to Fraunhofer-Gesellschaft zur Forderung der angewandten Forschung e.V.; and Scheicher, Hans. Connecting device for joining a superstructure element with an implant member. 4,525,145, 6-25-85, Cl. 433-173.000.
- Scheidecker, Ralph W.: *See—*
  - Rigby, Eugene B.; Scheidecker, Ralph W.; and Suchomel, Robert R., 4,552,710, Cl. 264-64.000.
- Scheidegger, Albert, to ETS Scheidegger W. & Cie. Method of and apparatus for enveloping moving articles. 4,497,156, 2-5-85, Cl. 53-399.000.
- Scheidenhelm, E. Louis: *See—*
  - Gessel, James M.; Kunz, Gary L.; and Scheidenhelm, E. Louis, 4,520,620, Cl. 56-400.000.
- Scheidenhelm, Earl L.: *See—*
  - Jones, Dennis J.; Scheidenhelm, Earl L.; and Truckenbrod, Thomas G., 4,502,493, Cl. 130-24.000.
- Scheiderich, Robert F.; and Comper, Louis F., to Goodyear Tire & Rubber Company, The. Method for preparing tire curing bladder lubricant. 4,509,984, 4-9-85, Cl. 106-38.220.
- Scheiderich, Robert F.: *See—*
  - Comper, Louis F.; and Scheiderich, Robert F., 4,533,305, Cl. 425-43.000.
- Scheidler, Herwig, to JENAer Glaswerk Schott & Gen. Panel assembly, particularly a glass or vitreous ceramic heater or cooker panel assembly. 4,492,217, 1-8-85, Cl. 126-39.00B.
- Scheidt & Bachmann GmbH: *See—*
  - Miller, Gert; Diers, Franz; and Hermanns, Hans-Josef, 4,527,577, Cl. 133-3.00H.
- Scheidt, Claude: *See—*
  - Palvadeau, Claude; and Scheidt, Claude, 4,507,182, Cl. 204-35.100.
- Scheidt, Joachim; and Keller, Gottfried, to Rampf Foreman GmbH. Apparatus for producing moldings from concrete. 4,545,754, 10-8-85, Cl. 425-419.000.
- Scheie, Carl E.: *See—*
  - Amos, Homer C.; Benedyk, Joseph C.; Scheie, Carl E.; and McGlove, William R., 4,511,148, Cl. 273-326.000.
- Scheinecker, Alois, to Voest-Alpine Aktiengesellschaft. Continuous casting plant. 4,516,623, 5-14-85, Cl. 164-416.000.
- Scheinecker, Alois; Stulik, Jiri; and Hargassner, Reinhard, to Voest-Alpine Aktiengesellschaft. Apparatus and method for continuous casting. 4,529,031, 7-16-85, Cl. 164-478.000.
- Scheinecker, Alois: *See—*
  - Hargassner, Reinhard; Nugent, Thomas J.; Scheinecker, Alois; and Engel, Kurt, 4,532,981, Cl. 164-483.000.
  - Scheurecker, Werner; Scheinecker, Alois; Cordella, Johannes; and Engel, Kurt, 4,546,547, Cl. 33-182.000.
- Scheiner, David: *See—*
  - Kadison, Sylvan; and Scheiner, David, 4,500,552, Cl. 426-96.000.
- Scheinpflug, Hans: *See—*
  - Brandes, Wilhelm; Kaspers, Helmut; Reinecke, Paul; Scheinpflug, Hans; and Kramer, Wolfgang, 4,514,402, Cl. 514-250.000.
  - Elbe, Hans-Ludwig; Jautelat, Manfred; Buchel, Karl H.; Brandes, Wilhelm; Reinecke, Paul; and Scheinpflug, Hans, 4,547,515, Cl. 514-383.000.
  - Holmwood, Graham; Stetter, Jorg; Buchel, Karl H.; Reinecke, Paul; Brandes, Wilhelm; and Scheinpflug, Hans, 4,548,945, Cl. 514-383.000.
  - Maurer, Fritz; Brandes, Wilhelm; Kuck, Karl-Heinz; Reinecke, Paul; and Scheinpflug, Hans, 4,521,420, Cl. 514-259.000.
  - Naumann, Klaus; Scheinpflug, Hans; Rosslenbroich, Hans-Jurgen; and Paul, Volker, 4,537,888, Cl. 514-228.000.
- Scheiter, Bernd: *See—*
  - Bachmann, Erich; Fabel, Ludwig; Fischer, Roland; Peter, Werner; Scheiter, Bernd; and Wenzel, Werner, 4,508,494, Cl. 418-13.000.
- Scheithauer, Heinz. Apparatus for metering liquids or semiliquids. 4,541,552, 9-17-85, Cl. 222-501.000.
- Scheithauer, Richard A.: *See—*
  - Miller, Michael J.; Vogt, Martin C.; and Scheithauer, Richard A., 4,552,729, Cl. 423-55.000.
- Scheitz, John T.: *See—*
  - Brown, Vincent B.; Kozel, Charles A.; and Scheitz, John T., 4,491,379, Cl. 339-97.00P.
  - Brown, Vincent B.; Kozel, Charles A.; Scheitz, John T.; and Armando, John E., 4,537,456, Cl. 339-99.00R.
- Scheiwiller, Rolf. Construction units for the erection of walls and method of utilization. 4,524,551, 6-25-85, Cl. 52-98.000.
- Scheler, Philip E. Fireplace cap. 4,508,098, 4-2-85, Cl. 126-139.000.
- Scheler, Philip E. Fireplace cap with preheated secondary air supply. 4,542,736, 9-24-85, Cl. 126-139.000.
- Scheler, Siegfried, to Hoechst Aktiengesellschaft. Diazotype materials with 2-hydroxy-naphthalene having sulfonamide substituent as coupler. 4,492,749, 1-8-85, Cl. 430-180.000.
- Scheler, Siegfried, to Hoechst Aktiengesellschaft. Two-component diazotype material with ultraviolet light-absorbing dye salt of a benzothiazole. 4,540,648, 9-10-85, Cl. 430-172.000.
- Schelhas, Peter: *See—*
  - Gmelin, Karl; Kubach, Hans; Maisch, Wolfgang; Peters, Klaus-Jurgen; and Schelhas, Peter, 4,545,353, Cl. 123-454.000.
- Schell, Loni: *See—*
  - Berghaeuser, Gunter; Schell, Loni; and Frass, Werner, 4,530,897, Cl. 430-302.000.
- Schell, Richard P., to Xerox Corporation. Holographic disc mount. 4,556,278, 12-3-85, Cl. 350-3.710.
- Schellen, Johannes A. T.: *See—*
  - Jacobs, Cornelis A. J.; Schellen, Johannes A. T.; and Van Der Vleuten, Anthonius P., 4,521,716, Cl. 313-594.000.
- Schellenberg, Karl A., to Eastern Virginia Medical Authority. Solid phase scintillation counting method. 4,562,158, 12-31-85, Cl. 436-57.000.
- Schellenberg, Walter, to Sandherr Packungen AG. Deep-drawn conical plastic container and method of making. 4,550,854, 11-5-85, Cl. 220-468.000.
- Schelleng, Robert D.: *See—*
  - Jatkar, Arun D.; Varall, Alfred J., Jr.; and Schelleng, Robert D., 4,557,893, Cl. 419-12.000.
- Scheller, Alfred K., to Centre National d'Etudes Spatiales. Process for the control of the mixture ratio of fuel and oxidizer for a liquid fuel motor by measuring flows, and control systems for carrying out this process. 4,541,238, 9-17-85, Cl. 60-204.000.
- Scheller, Andor, to Exxon Research & Engineering Co. Pass through stretch wrapping process. 4,499,706, 2-19-85, Cl. 53-399.000.
- Scheller, Bernfried: *See—*
  - Osberghaus, Reiner; Scheller, Bernfried; Kresse, Franz; Hesse, Ferdinand; and Schunter, Roland, 4,528,717, Cl. 15-261.000.
- Scheller, Peter: *See—*
  - Schwarzfischer, Peter; Schmitz, Jochen; and Scheller, Peter, 4,543,009, Cl. 403-201.000.
- Schellhaas, Walter: *See—*
  - Heil, Ernst; Wenzel, Franz; Arndt, Peter J.; and Schellhaas, Walter, 4,543,383, Cl. 524-458.000.

- Schellhammer, Carl-Wolfgang: *See—*
  - Arndt, Frank; Claussen, Uwe; Harnisch, Horst; and Schellhammer, Carl-Wolfgang, 4,526,705, Cl. 252-301.320.
- Schellhammer, Karl-Wolfgang; Rottmaier, Ludwig; Merten, Rudolf; and Schimmel, Ulrich, to Bayer Aktiengesellschaft. Triazolidine-3,5-diones as activators for per-compounds. 4,551,263, 11-5-85, Cl. 252-186.390.
- Schellin, Donald B., deceased: *See—*
  - Scoccia, Adelmo A.; and Schellin, Donald B., deceased, 4,533,189, Cl. 339-17.0CF.
- Schelling, Armin: *See—*
  - Schelling, Mario; Schelling, Bruno; and Schelling, Armin, 4,548,123, Cl. 91-39.000.
- Schelling, Bernd: *See—*
  - Arnold, Winfried; Locher, Johannes; and Schelling, Bernd, 4,492,913, Cl. 323-282.000.
- Schelling, Bruno: *See—*
  - Schelling, Mario; Schelling, Bruno; and Schelling, Armin, 4,548,123, Cl. 91-39.000.
- Schelling, Gilbert, to Hans Horlacher. Method of and apparatus for removing coupling members from a slide fastener. 4,490,899, 1-1-85, Cl. 29-410.000.
- Schelling, Hugo: *See—*
  - Adams, Jurgen; and Schelling, Hugo, 4,539,644, Cl. 364-467.000.
- Schelling, Mario; Schelling, Bruno; and Schelling, Armin. Oscillator. 4,548,123, 10-22-85, Cl. 91-39.000.
- Schelling, Raymond: *See—*
  - Kirchhofer, Hubert; and Schelling, Raymond, 4,529,360, Cl. 417-64.000.
- Scheltema, Otto E.: *See—*
  - Verhoeven, Leonardus A. J.; Scheltema, Otto E.; and Carels, Walter E., 4,507,681, Cl. 358-111.000.
- Schelter, Heinrich: *See—*
  - Heinrich, Juergen; Schelter, Heinrich; Schindler, Stefan; and Krauth, Axel, 4,526,635, Cl. 156-89.000.
  - von Alpen, Ulrich; Schindler, Stefan; and Schelter, Heinrich, 4,504,120, Cl. 350-357.000.
- Schema, Anthony C.: *See—*
  - Tacheny, John C.; and Schema, Anthony C., 4,521,993, Cl. 49-325.000.
- Schemel, Roberto; Rodriguez, Domingo; and Salazar, Ramon, to Intevep, S.A. Method for leaching and recovering vanadium from vanadium bearing by-product materials. 4,539,186, 9-3-85, Cl. 423-62.000.
- Schemel, Roberto: *See—*
  - Rodriguez, Domingo; Schemel, Roberto; and Salazar, Ramon, 4,548,792, Cl. 423-65.000.
- Schemelin, Michael P.; Kaminski, Tony L.; and Shupert, Paul T., to Simplicity Manufacturing, Inc. Clipping collector for riding mower. 4,532,755, 8-6-85, Cl. 56-16.600.
- Schemenauer, Harold. Apparatus for imprinting and cutting a tape or ribbon. 4,516,493, 5-14-85, Cl. 101-27.000.
- Schemmann, Hugo; and Bertram, Leo, to U.S. Philips Corporation. Self-starting single-phase synchronous motor. 4,500,825, 2-19-85, Cl. 318-792.000.
- Schemmann, Hugo: *See—*
  - Bertram, Leo; and Schemmann, Hugo, 4,503,346, Cl. 310-49.00R.
  - Bertram, Leo; Schemmann, Hugo; and de Boer, Jan, 4,554,471, Cl. 310-49.00R.
- Schemmel, Gerald; and Linnebach, Richard, to International Standard Electric Corporation. Method of making GaInAsP layers for photodetectors. 4,551,186, 11-5-85, Cl. 148-171.000.
- Schempp, Roland: *See—*
  - Kochendorfer, Heinrich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, 4,542,678, Cl. 91-6.000.
- Schen, Michael A.: *See—*
  - Brown, James W.; Chen, Tsang J.; and Schen, Michael A., 4,497,929, Cl. 524-547.000.
- Schenck, Hans-Uwe; Blum, Rainer; Gulbins, Erich; Kempter, Fritz-Erdmann; and Schupp, Eberhard, to BASF Aktiengesellschaft. Aqueous cationic surface-coating system and its use. 4,495,327, 1-22-85, Cl. 524-556.000.
- Schenck, Robert A.: *See—*
  - Bromley, Eric; and Schenck, Robert A., 4,552,360, Cl. 273-85.00G.
- Schenck, Robert R.; and Weinrib, Harry P. Methods and apparatus for joining anatomical structures. 4,553,542, 11-19-85, Cl. 128-334.00R.
- Schenck, Stephen R.: *See—*
  - Andresen, Bernhard H.; Schenck, Stephen R.; and Kennedy, Nathan R., 4,496,914, Cl. 331-110.000.
  - Closson, Thomas A.; Oxford, David B.; Schenck, Stephen R.; and Seitchik, Jerold A., 4,514,828, Cl. 365-8.000.
- Schendle, Robert N.: *See—*
  - Jackson, John C., II; and Schendle, Robert N., 4,519,502, Cl. 206-390.000.
- Schenectady Chemicals, Inc.: *See—*
  - Smith, Scott D., 4,505,978, Cl. 428-379.000.
  - Walrath, George A.; and Smith, Scott D., 4,501,883, Cl. 528-340.000.
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  - Seidel, Adolf; Artzt, Peter; Egbers, Gerhard; Grimm, Helmut; Kunde, Klaus; and Schenek, Anton, 4,546,622, Cl. 66-9.00B.
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Scheurer, Roger J.: *See—*

  Peterson, Richard L.; and Scheurer, Roger J., 4,518,047, Cl. 172-611.000.

  Peterson, Richard L.; Scheurer, Roger J.; and Steinberg, Richard W., 4,520,876, Cl. 172-427.000.

  Peterson, Richard L.; Johnson, James A.; Scheurer, Roger J.; and Steinberg, Richard W., 4,560,011, Cl. 172-194.000.

Scheurer, Stephen M., to Texas Recreation Corporation. Container insulation apparatus. 4,510,665, 4-16-85, Cl. 29-460.000.

Scheurer, Stephen M.; and Scheurer, Robert S. Personal flotation device. 4,547,165, 10-15-85, Cl. 441-112.000.

Scheurer, Stephen M.: *See—*

  Scheurer, Robert S.; and Scheurer, Stephen M., 4,551,107, Cl. 441-112.000.

Scheve, Heinrich: *See—*

  Hibbel, Josef; Gerhardus, Ulrich; Schmidt, Volkmar; Lieder, Bernhard; Scheve, Heinrich; and Zerres, Erwin, 4,541,840, Cl. 48-63.000.

Schewe, Herbert: *See—*

  Diepers, Heinrich; and Schewe, Herbert, 4,495,434, Cl. 310-338.000.

Scheyrer, Peter: *See—*

  Breuninger, Axel; Pollmann, Richard; and Scheyrer, Peter, 4,503,094, Cl. 427-250.000.

Schiapparelli Farmaceutici S.p.A.: *See—*

  Maiorana, Stefano; Brocchetti, Diego G.; Piacenza, Giuseppe; and Manfredi, Amedea, 4,547,495, Cl. 514-211.000.

  Messina, Michele, 4,543,351, Cl. 514-175.000.

Schibbye, (Lars) Lauritz B.; and Englund, Rolf A., to Sullair Technology AB. Valve arrangement for capacity control of screw compressors. 4,498,849, 2-12-85, Cl. 417-299.000.

Schick, Jean-Francois, to Goro S.A. Apparatus for fixing belt-fasteners or the like. 4,538,755, 9-3-85, Cl. 227-152.000.

Schick, Jerome D.; and Wilson, Howard R., to International Business Machines Corporation. Non-volatile memory and switching device. 4,503,521, 3-5-85, Cl. 365-182.000.

Schick, Martin J.; and Kelley, Edwin L., to Diamond Shamrock Chemicals Company. Anionic dispersants for aqueous slurries of carbonaceous materials. 4,492,589, 1-8-85, Cl. 44-51.000.

Schick, Martin J.; and Kelley, Edwin L., to Diamond Shamrock Chemicals Company. Stabilizers for oil slurries of carbonaceous material. 4,492,590, 1-8-85, Cl. 44-51.000.

Schick, Martin J.: *See—*

  Lipowski, Stanley A.; Miskel, John J., Jr.; and Schick, Martin J., 4,505,833, Cl. 252-8.50C.

Schick, Rupert: *See—*

  Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, 4,513,105, Cl. 521-56.000.

  Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, 4,520,135, Cl. 521-56.000.

  Hahn, Klaus; Wittmer, Paul; De Grave, Isidoor; Schick, Rupert; and Echte, Adolf, 4,525,484, Cl. 521-56.000.

Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., to Ludwig Heumann & Co. GmbH. Pyridine-pyrimidinone derivatives, a process for their production and H_2-antagonist medicament containing these compounds. 4,559,344, 12-17-85, Cl. 514-269.000.

Schickedanz, Willi. Camera. 4,557,572, 12-10-85, Cl. 354-219.000.

Schickel, Alfred, to Veb Schwermaschinenbau-Kombinat "Ernst Thalmann" Magdeburg. Rotor-type magnetic particle separator. 4,496,457, 1-29-85, Cl. 209-223.00R.

Schicketanz, Dieter: *See—*

  Geckeler, Siegfried; and Schicketanz, Dieter, 4,548,494, Cl. 356-73.100.

Schickfluss, Rudolf: *See—*

  Sommer, Karl; and Schickfluss, Rudolf, 4,540,816, Cl. 564-218.000.

Schider, Siegfried: *See—*

  Otte, Wolf-Dieter; Otte, Heinz; and Schider, Siegfried, 4,522,202, Cl. 128-92.0BC.

Schieber, Eberhard: *See—*

  Bortfeld, Manfred; Schieber, Eberhard; and Dietzsch, Gunter, 4,543,723, Cl. 30-381.000.

Schieber, Franz, to C. Conradty Nurnberg GmbH & Co. KG. Method of providing a shaped carbon article. 4,539,229, 9-3-85, Cl. 427-215.000.

Schieber, Franz: *See—*

  Zollner, Dieter H.; Zollner, Christine; Schieber, Franz; Lauterbach-Dammler, Inge; and Koziol, Konrad, 4,534,836, Cl. 204-67.000.

Schieck, Richard A., to Xerox Corporation. Plural mode copy sheet output slitter. 4,559,855, 12-24-85, Cl. 83-425.300.

Schiedegger, Charles E.; and Elfes, Vean, to Metamora Products Corp. Heat bonded composite plastic article and method and apparatus for making same. 4,524,096, 6-18-85, Cl. 428-68.000.

Schiedel GmbH & Co.: *See—*

Lochner, Kaspar; Schurmann, Helmut; and Brand, Erich, 4,518,513, Cl. 252-62.000.

Munz, Werner, 4,545,293, Cl. 98-58.000.

Schieder, Rudolf: *See—*

Brinkwerth, Wolfgang; Huffer, Wolfgang; Raue, Roderich; Schieder, Rudolf; and Telle, Helmut, 4,551,265, Cl. 252-301.170.

Schiederwerk Gunter Schmidt KG Fabrik fur Apparate der Fernmelde- und Elektrotechnik: *See—*

Schwenda, Gerhard; and Orendt, Alfred, 4,522,463, Cl. 350-96.210.

Schiefer, Bernhard; and Bumberger, Herbert, to Didier-Werke AG; and Voest-Alpine Aktiengesellschaft. Closure mechanism with gas seal. 4,555,050, 11-26-85, Cl. 222-597.000.

Schiel, Christian, to J. M. Voith GmbH. Press for the removal of moisture from wet webs of fiber material. 4,503,765, 3-12-85, Cl. 100-118.000.

Schiel, Christian; Zurn, Georg; and Schmid, Karl, to J. M. Voith GmbH. Drying cylinder adapted to be heated with steam. 4,520,578, 6-4-85, Cl. 34-110.000.

Schiel, Christian: *See—*

Steiner, Karl; Schiel, Christian; Meinecke, Albrecht; Mullner, Josef; and Weiss, Hans, 4,555,305, Cl. 162-205.000.

Schield, John A.: *See—*

Naiman, Michael I.; and Schield, John A., 4,536,191, Cl. 44-62.000.

Naiman, Michael I.; and Schield, John A., 4,536,551, Cl. 525-334.100.

Naiman, Michael I.; and Schield, John A., 4,541,839, Cl. 44-62.000.

Naiman, Michael I.; and Schield, John A., 4,544,712, Cl. 525-356.000.

Naiman, Michael I.; and Schield, John A., 4,553,980, Cl. 44-62.000.

Naiman, Michael I.; and Schield, John A., 4,554,327, Cl. 525-356.000.

Schiele, Edward K.; Manley, Robert V., Jr.; and Rerat, Carlos F., to Fansteel Inc. High charge, low leakage tantalum powders. 4,544,403, 10-1-85, Cl. 75-0.5AB.

Schiemann, Wolfram. Device for fuel tanks for cars. 4,518,009, 5-21-85, Cl. 137-571.000.

Schiemann, Wolfram. Screw stopper for a can. 4,526,289, 7-2-85, Cl. 220-304.000.

Schiemann, Wolfram. Arrangement of fuel tanks for vehicles. 4,552,175, 11-12-85, Cl. 137-571.000.

Schienda, Gregory: *See—*

Mendelsohn, Arnold; Koe, Joe K.; and Schienda, Gregory, 4,497,391, Cl. 187-29.00R.

Schier, John H., Jr.; and Brooks, William E., Jr., to RCA Corporation. Modified deflection yoke coils having shootback windings. 4,511,871, 4-16-85, Cl. 335-213.000.

Schier, Karl; and Wolters, Gerd-Michael, to MTU Motoren-und Turbinen-Union Friedrichshafen GmbH. Diesel internal combustion engine. 4,538,584, 9-3-85, Cl. 123-559.000.

Schierjott, Rudolf, to Siemens Aktiengesellschaft. Secondary switch controller circuit for power supply. 4,514,679, 4-30-85, Cl. 323-222.000.

Schierling, Bernhard, to Fichtel & Sachs AG. Torque transmission device. 4,526,260, 7-2-85, Cl. 192-106.200.

Schierling, Bernhard, to Fichtel & Sachs AG. Frictional clutch assembly. 4,542,813, 9-24-85, Cl. 192-70.270.

Schierling, Bernhard: *See—*

Anders, Peter; and Schierling, Bernhard, 4,493,673, Cl. 464-66.000.

Schierz, Winfried; and Creutz, Helmut, to SEMIKRON Gesellschaft fur Gleichrichterbau und Elektronik mbH. Semiconductor unit. 4,499,485, 2-12-85, Cl. 357-74.000.

Schieser, Warren J.; Vickers, Stanley E.; and Duffey, Craig L., to Liqui-Box Corporation. Filler and capper for containers. 4,506,489, 3-26-85, Cl. 53-64.000.

Schiess, Wolfgang; and Thorandt, Herbert, to VEB Hochvakuum Dresden. Method and apparatus for the protection of analyzers and other sensitive components from soiling and corrosion. 4,535,633, 8-20-85, Cl. 73-706.000.

Schiessl, Henry W., to Olin Corporation. Use of a hydroquinone compound with hydrazine (1:1 molar ratio) as an oxygen-scavenging and a corrosion-inhibiting agent. 4,512,909, 4-23-85, Cl. 252-188.280.

Schiestl, Randall L.: *See—*

Nicklas, Roger W.; Reynolds, John E.; and Schiestl, Randall L., 4,536,928, Cl. 29-1.200.

Schievelbein, Vernon H.: *See—*

Huang, Wann-Sheng; Gassmann, Zean Z.; Hawkins, Jeffrey T.; Schievelbein, Vernon H.; and Hall, Wilbur L., 4,540,050, Cl. 166-272.000.

Maddox, Jim, Jr.; and Schievelbein, Vernon H., 4,518,038, Cl. 166-266.000.

Schiff, Leonard N., to RCA Corporation. Noise reduction system for a single sideband multiplex signal. 4,554,679, 11-19-85, Cl. 455-303.000.

Schiff, Leonard N.: *See—*

Raychaudhuri, Dipankar; and Schiff, Leonard N., 4,536,846, Cl. 364-514.000.

Schiff, Peter. IAB having apparatus for assuring proper balloon inflation and deflation. 4,515,587, 5-7-85, Cl. 604-96.000.

Schiff, Peter. Apparatus for left heart assist. 4,522,195, 6-11-85, Cl. 128-1.00D.

Schiff, Peter. Percutaneous intra-aortic balloon having an EKG electrode and a twisting stylet for coupling the EKG electrode to monitoring and/or pacing instrumentation external to the body. 4,552,127, 11-12-85, Cl. 128-1.00D.

Schiff, Sidney: *See—*

Efner, Howard F.; and Schiff, Sidney, 4,504,280, Cl. 44-63.000.

Schiffer, Harald: *See—*

Brendle, Konrad; Schiffer, Harald; and Fahrenschon, Kurt, 4,548,475, Cl. 350-334.000.

Schiffer, John H. Tubing disconnect tool. 4,530,142, 7-23-85, Cl. 29-237.000.

Schiffer, Wilhelm: *See—*

Lugscheider, Walter; Mullner, Paul; Schiffer, Wilhelm; and Leutgob, Alois, 4,533,385, Cl. 75-10.00R.

Schiffers, Hans-Gunter: *See—*

Jansen, Herbert; Schiffers, Hans-Gunter; and Gerretz, Richard, 4,537,407, Cl. 277-2.000.

Schiffner, Gerhard, to Siemens Aktiengesellschaft. Ring interferometer with an arrangement to eliminate false indications. 4,556,321, 12-3-85, Cl. 356-350.000.

Schiffner, Robert E.; and Montgomery, Susan R. Mixing bowl splatter guard. 4,549,811, 10-29-85, Cl. 366-129.000.

Schijf, Robert: *See—*

Gercama, Anne; and Schijf, Robert, 4,501,764, Cl. 426-607.000.

Schijve, Jacobus; Vogelesang, Laurens B.; and Marissen, Roelof, to Technische Hogeschool Delft. Laminate of aluminum sheet material and aramid fibers. 4,500,589, 2-19-85, Cl. 428-213.000.

Schijven, Lucas W. M., to U.S. Philips Corporation. Cassette recorder with low-energy pause control. 4,561,030, 12-24-85, Cl. 360-93.000.

Schikowsky, Hartmut: *See—*

Kolbe, Klaus; Hellmann, Walter; Krajec, Otmar; Schikowsky, Hartmut; and Vetter, Heinz, 4,515,648, Cl. 156-196.000.

Schild, Franz; and Weidenhaupt, Wolfgang, to Akzo N.V. Reinforcement cable for elastomeric conduits. 4,523,425, 6-18-85, Cl. 57-212.000.

Schilde, Heinz: *See—*

Roentgen, Paul; Krumm, Helmut; Lenzen, Gunter; and Schilde, Heinz, 4,554,199, Cl. 428-194.000.

Schilder, Hans, to J. M. Voith GmbH. Axial flow machine, particularly a blower, with adjustable rotor blades. 4,545,734, 10-8-85, Cl. 416-146.00A.

Schildknecht, Albert: *See—*

Hunziker, Martin; and Schildknecht, Albert, 4,511,370, Cl. 48-197.00A.

Schildkraut, Alan L., to Bendix Corporation, The. Anti-decoupling device for an electrical connector. 4,494,810, 1-22-85, Cl. 339-89.00M.

Schildkraut, Alan L.; and Brush, Robert W., Sr., to Allied Corporation. Anti-decoupling mechanism for an electrical connector assembly. 4,525,017, 6-25-85, Cl. 339-89.00M.

Schildkraut, Alan L.; and MacAvoy, David W., to Allied Corporation. Anti-decoupling mechanism for an electrical connector assembly. 4,536,048, 8-20-85, Cl. 339-89.00M.

Schildkraut, Irwin: *See—*

Bergen, Henry M.; Zaimi, Sedat; Castellano, Vincenzo; and Schildkraut, Irwin, 4,536,621, Cl. 179-99.00R.

Schildt, Walter C., to Dana Corporation. Variable pitch diameter torque sensing pulley assembly. 4,523,917, 6-18-85, Cl. 474-19.000.

Schilke, Waldemar, to Bata Industries Limited. Machine and method for producing footwear. 4,544,519, 10-1-85, Cl. 264-328.100.

Schill, Alfred G., to Prestige Billiards Pty. Ltd. Game table. 4,519,607, 5-28-85, Cl. 273-5.00B.

Schillawski, Richard D., to Montrose Chemical Corporation of California. Chloral purification. 4,513,152, 4-23-85, Cl. 568-492.000.

Schiller, August: *See—*

Von Au, Gunter; Wegehaupt, Karl-Heinrich; Schiller, August; and Braunsperger, Karl, 4,503,210, Cl. 528-33.000.

Schiller, Karl H.: *See—*

Schilling, Lothar; and Schiller, Karl H., 4,558,654, Cl. 112-298.000.

Schiller, Michael, to Fingermatrix, Inc. Finger identification. 4,544,267, 10-1-85, Cl. 356-71.000.

Schiller, Siegfried: *See—*

Neumann, Manfred; Schiller, Siegfried; ZeiBig, Gerhard; Morgner, Henry; and Jasch, Gunter, 4,524,717, Cl. 118-718.000.

Schilling, Curtis L., Jr.; Williams, Thomas C.; and Wesson, John P., to Union Carbide Corporation. Branched polycarbosilanes and their use in the production of silicon carbide. 4,497,787, 2-5-85, Cl. 423-345.000.

Schilling, Donald P., to Rogers Corporation. Decoupling capacitor and method of manufacture thereof. 4,494,170, 1-15-85, Cl. 361-306.000.

Schilling, Donald P., to Rogers Corporation. Decoupling capacitor and method of manufacture thereof. 4,532,572, 7-30-85, Cl. 361-306.000.

Schilling, Hans-Dieter; and Holl, Lothar, to Bergwerksverband GmbH. Treatment chamber with fluidized bed. 4,545,959, 10-8-85, Cl. 422-142.000.

Schilling, Horst: *See—*

Herchenbach, Horst; Seelen, Fritz; Ramesohl, Hubert; Hundgen, Peter; and Schilling, Horst, 4,505,051, Cl. 34-57.00E.

Schilling, Lothar; and Schiller, Karl H., to Pfaff Industriemaschinen GmbH. Under bed thread trimmer with thread detector stop motion. 4,558,654, 12-17-85, Cl. 112-298.000.

Schilling, Peter; and Schreuders, Hans G., to Westvaco Corporation. Amphoterics as emulsifiers for bituminous emulsions. 4,494,992, 1-22-85, Cl. 106-277.000.

Schilling, Peter, to Westvaco Corporation. Emulsifiers for bituminous emulsions. 4,547,224, 10-15-85, Cl. 106-273.000.

Schilling, Peter, to Westvaco Corporation. Emulsifiers for bituminous emulsions. 4,561,901, 12-31-85, Cl. 106-277.000.

Schilling, Rainer: *See—*

Baumann, Fritz; Kranzler, Ernst; Radke, Siegmund; Schilling, Rainer; Fuchs, Wolfgang; and Rieker, Werner, 4,492,344, Cl. 242-1.000.

Schilling, Walter W.: *See—*

Churchland, Mark T.; and Schilling, Walter W., 4,546,886, Cl. 209-665.000.

Schilling, William, to Alco Foodservice Equipment Company. Mechanical post mix beverage dispensing system. 4,497,421, 2-5-85, Cl. 222-144.500.

Schilling, Wolfgang: *See—*

Romes, Roman; Schilling, Wolfgang; and Werner, Jurgen, 4,510,474, Cl. 336-30.000.

Schillinger, Ekkehard: *See—*

Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; Schillinger, Ekkehard; Mannesmann, Gerda; and Nieuweboer, Bob, 4,497,830, Cl. 514-277.000.

Schillinger, Joseph F., to Champion International Corporation. Flip top dispenser carton. 4,513,863, 4-30-85, Cl. 206-264.000.

Schillinger, Rainer: *See—*

Kratt, Alfred; Peter, Cornelius; Ruppmann, Claus; and Schillinger, Rainer, 4,494,517, Cl. 123-585.000.

Schillke, Peter: *See—*

Bootman, Matthew W.; Schillke, Peter; and Laguette, Stephen W., 4,493,701, Cl. 604-73.000.

Schimanski, Dieter, to Dr. Babor GmbH & Co. Cosmetic agent containing natural yeast cell contents. 4,540,571, 9-10-85, Cl. 424-81.000.

Schimanski, Georg: *See—*

von Philipp, Fritz; and Schimanski, Georg, 4,526,320, Cl. 239-43.000.

Schiminski, Herbert: *See—*

Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, 4,505,436, Cl. 242-43.00A.

Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, 4,505,437, Cl. 242-43.00A.

Schippers, Heinz; Lenk, Erich; Schiminski, Herbert; and Turk, Herbert, 4,561,603, Cl. 242-43.00A.

Turk, Herbert; and Schiminski, Herbert, 4,561,244, Cl. 57-336.000.

Schimko, Reinhold; Radl, Franz; and Fuchs, Max, to Universal Maschinenfabrik Dr. Rudolf Schieber GmbH & Co. KG. Tension adjusting device for flat knitting machines. 4,502,300, 3-5-85, Cl. 66-71.000.

Schimko, Reinhold; and Paul, Werner, to Universal Maschinenfabrik Dr. Rudolf Schieber GmbH & Co. KG. Flat knitting machine with selective needle selection. 4,559,791, 12-24-85, Cl. 66-75.100.

Schimmel, Gunther; Krause, Werner; and Gradl, Reinhard, to Hoechst Aktiengesellschaft. Process for extracting heavy metal ions from aqueous solutions. 4,503,016, 3-5-85, Cl. 423-24.000.

Schimmel, Gunther; Heymer, Gero; Krause, Werner; and Pieper, Werner, to Hoechst Aktiengesellschaft. Process for separating gallium and indium from aqueous solutions. 4,525,333, 6-25-85, Cl. 423-112.000.

Schimmel, Gunther; Gradl, Reinhard; and Heymer, Gero, to Hoechst Aktiengesellschaft. Process for removing fluorine and organic compounds from prepurified wet processed phosphoric acid. 4,539,192, 9-3-85, Cl. 423-321.00R.

Schimmel, Gunther: *See—*

Gradl, Reinhard; and Schimmel, Gunther, 4,540,557, Cl. 423-321.00R.

Gradl, Reinhard; Stephan, Hans-Werner; Heymer, Gero; and Schimmel, Gunther, 4,540,558, Cl. 423-321.00R.

Schimmel, Karl F.: *See—*

Das, Suryya K.; Porter, Samuel, Jr.; Blackburn, William P.; Schimmel, Karl F.; and Dowbenko, Rostyslaw, 4,529,665, Cl. 428-460.000.

Schimmel, Paul R.: *See—*

Benkovic, Stephen J.; Putney, Scott D.; and Schimmel, Paul R., 4,521,509, Cl. 435-6.000.

Schimmel, Ulrich: *See—*

Schellhammer, Karl-Wolfgang; Rottmaier, Ludwig; Merten, Rudolf; and Schimmel, Ulrich, 4,551,263, Cl. 252-186.390.

Schimmel, William P.; Barker, Clifford S.; and Jones, Dana P., to Williams International Corporation. Process for fabricating parts such as gas turbine compressors. 4,526,747, 7-2-85, Cl. 419-8.000.

Schimmelpennink, Laurens M. H.; and Spaanenburg, Lambertus, to Moban B.V. System for power supply to and switching of a number of electrical appliances. 4,524,288, 6-18-85, Cl. 307-40.000.

Schimmelpfennig, Wolfgang; and Siede, Heinz-Jurgen, to Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co. Infrared detector. 4,516,027, 5-7-85, Cl. 250-338.000.

Schimmoller, Frank D.: *See—*

Nizel, Robert N.; and Schimmoller, Frank D., 4,544,214, Cl. 312-209.000.

Schimpf, James E.: *See—*

Ruseff, Walter Z.; and Schimpf, James E., 4,553,904, Cl. 417-218.000.

Schinbeckler, Steven E. Fireplace insert and method. 4,495,933, 1-29-85, Cl. 126-123.000.

Schindehutte, Manfred, to Gebr. Bode & Co. GmbH. Suspension device for the door leaf of a swing-out sliding door for a vehicle, particularly a rail vehicle. 4,503,638, 3-12-85, Cl. 49-213.000.

Schindel, Arnold, to Singer Company, The. Fiber optic sensor for shaft state. 4,493,997, 1-15-85, Cl. 250-231.0SE.

Schindel, Arnold; and Higgins, Edward, Jr., to Singer Company, The. Clear view screen. 4,536,064, 8-20-85, Cl. 350-583.000.

Schindel, Hugo, to Rationator-Maschinenbau GmbH. Apparatus for moving dispensing pistons and filling tubes. 4,537,230, 8-27-85, Cl. 141-146.000.

Schindele, Alfred; and Lotze, Herbert, to Terrot Strickmaschinen GmbH. Needle selector device for multi-system knitting machine. 4,541,254, 9-17-85, Cl. 66-223.000.

Schindele, Ernst F. Rail system with passageways for the conduction of fluid flow. 4,498,693, 2-12-85, Cl. 285-137.00R.

Schindl, Klaus; and Nyman, Georg, to C. Reichert Optische Werke AG. Magnetic coupling for parts of an optical instrument. 4,536,732, 8-20-85, Cl. 335-285.000.

Schindl, Klaus, to C. Reichert Optische Werke AG. Optical deflecting device. 4,544,242, 10-1-85, Cl. 350-486.000.

Schindler, Achim: *See—*

Machler, Meinrad; Sachse, Richard; Stacklies, Horst; and Schindler, Achim, 4,496,416, Cl. 156-293.000.

Schindler, Bernd: *See—*

Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, 4,495,232, Cl. 428-41.000.

Schindler, Edmund S.: *See—*

Vatsky, Joel; and Schindler, Edmund S., 4,497,263, Cl. 110-347.000.

Schindler, Frederick J.; and Fulton, Raymond L., Jr., to Rohm and Haas Company. Impregnant compositions for porous substrates. 4,556,701, 12-3-85, Cl. 526-282.000.

Schindler, H.-Joachim: *See—*

Diepholz, Tilo; Hapke, Walter; Wohl, Wilhelm; and Schindler, H.-Joachim, 4,544,965, Cl. 360-71.000.

Schindler, Harvey D., to Lummus Company, The. Coal liquefaction. 4,522,700, 6-11-85, Cl. 208-8.0LE.

Schindler, Harvey D.; and Chen, James M., to Lummus Crest, Inc. Coal liquefaction and hydrogenation. 4,545,890, 10-8-85, Cl. 208-8.0LE.

Schindler, Harvey D., to Lummus Crest, Inc. Coal liquefaction and hydrogenation. 4,547,282, 10-15-85, Cl. 208-8.0LE.

Schindler, Harvey D.: *See—*

Long, Raymond H.; and Schindler, Harvey D., 4,544,476, Cl. 208-8.0LE.

Schindler Haughton Elevator Corporation: *See—*

Cervenec, Stephen W.; and Stender, Ronald L., 4,503,937, Cl. 187-29.00R.

Schindler, James C.; and Jewell, Donald K., to Restaurant Technology, Inc. Apparatus for cooking eggs. 4,512,250, 4-23-85, Cl. 99-425.000.

Schindler, Joachim: *See—*

Bartnik, Friedhelm; Schindler, Joachim; Weiss, Albrecht; and Schmid, Rolf, 4,518,697, Cl. 435-254.000.

Schindler, John A. Current pulse monitor. 4,502,004, 2-26-85, Cl. 324-103.00P.

Schindler, Manfred: *See—*

Ficht, Reinhold; and Schindler, Manfred, 4,512,290, Cl. 123-56.0BC.

Schindler, Michael D., to Spacesaver Corporation. Library shelf support system. 4,549,777, 10-29-85, Cl. 312-198.000.

Schindler, Peter: *See—*

Blumbach, Jurgen; and Schindler, Peter, 4,535,156, Cl. 544-26.000.

Huber, Gerhard; and Schindler, Peter, 4,529,545, Cl. 260-245.20T.

Schindler, Rudolf: *See—*

Doellinger, Rolf; and Schindler, Rudolf, 4,530,733, Cl. 156-441.000.

Schindler, Stefan: *See—*

Heinrich, Juergen; Schelter, Heinrich; Schindler, Stefan; and Krauth, Axel, 4,526,635, Cl. 156-89.000.

von Alpen, Ulrich; Schindler, Stefan; and Schelter, Heinrich, 4,504,120, Cl. 350-357.000.

Schindler, Stefan R.: *See—*

Forster, Siegfried; Schindler, Stefan R.; and Keller, Hartmut, 4,531,908, Cl. 431-215.000.

Schindler, Wolfgang: *See—*

Krempl, Peter W.; Schindler, Wolfgang; and Faschingleitner, Leopold, 4,518,861, Cl. 250-339.000.

Krempl, Peter W.; and Schindler, Wolfgang, 4,525,627, Cl. 250-345.000.

Schindlery, Ctibor, to Ciba-Geigy Corporation. Pharmaceutical preparations. 4,512,987, 4-23-85, Cl. 514-171.000.

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Kretschmer, Horst; Tietze, Guenter; Beiermann, Norbert; Schingnitz, Manfred; and Goehler, Peter, 4,501,156, Cl. 73-861.040.

Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, 4,521,139, Cl. 406-19.000.

Schink, Rainer: *See—*

Heinz, Jutta; Sautter, Helmut; Schink, Rainer; and Weber, Lothar, 4,561,729, Cl. 350-357.000.

Schinke, Ralph: *See—*

Wolff, James W.; Ruedisueli, James W.; and Schinke, Ralph, 4,522,136, Cl. 112-256.000.

Schinner, Edward N.: *See—*

Carter, Thomas P.; Schinner, Edward N.; Harrison, Richard H., Jr.; and Cates, Robert E., 4,518,544, Cl. 261-112.000.

Schinski, William L.; and Lukens, Raymond J., to Chevron Research Company. Thiopyruvic amide compounds. 4,531,968, 7-30-85, Cl. 71-98.000.

Schinzel, Erich: *See—*

Schonberger, Norbert; Schinzel, Erich; Martini, Thomas; and Rosch, Gunter, 4,508,900, Cl. 546-99.000.

Schipfer, Rudolf; and Schmolzer, Gerhard, to Vianova Kunstharz A.G. Crosslinking component for paint binders and process for producing such components from a carbonyl compound. 4,523,007, 6-11-85, Cl. 528-227.000.

Schipfer, Rudolf: *See—*

Paar, Willibald; and Schipfer, Rudolf, 4,544,715, Cl. 525-528.000.

Schipper, Edgar S.: *See—*

Shalaby, Shalaby W.; and Schipper, Edgar S., 4,550,730, Cl. 128-335.500.

Schipper, Gerhard: *See—*

Behrens, Herbert; Schmitt, Jurgen; Marx, Rainer; Heidemann, Helmut; and Schipper, Gerhard, 4,553,148, Cl. 346-107.00R.

Schipper, John F.: *See—*

George, E. Victor; and Schipper, John F., 4,510,605, Cl. 372-23.000.

Schippers, Heinz; Lenk, Erich; Martens, Gerhard; Mayer, Manfred; Pieper, Werner; and Putsch, Siegfried, to Barmag Barmer Maschinenfabrik AG. Ribbon free wound yarn package and method and apparatus for producing the same. 4,504,021, 3-12-85, Cl. 242-18.100.

Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, to Barmag Barmer Maschinenfabrik AG. Yarn winding apparatus. 4,505,436, 3-19-85, Cl. 242-43.00A.

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Schippers, Heinz, to Barmag Barmer Maschinenfabrik AG. Yarn twisting method and apparatus. 4,519,203, 5-28-85, Cl. 57-328.000.

Schippers, Heinz; Hertell, Siegfried; and Eich, Otwin, to Barmag Barmer Maschinenfabrik AG. Control apparatus for a positive displacement reciprocating pump. 4,523,901, 6-18-85, Cl. 417-395.000.

Schippers, Heinz; and Munnekehoff, Gerd, to Barmag Barmer Maschinenfabrik AG. Method and apparatus for facilitating doffing of a yarn processing machine. 4,561,602, 12-31-85, Cl. 242-35.50A.

Schippers, Heinz; Lenk, Erich; Schiminski, Herbert; and Turk, Herbert, to Barmag Barmer Maschinenfabrik AG. Yarn traverse apparatus and method. 4,561,603, 12-31-85, Cl. 242-43.00A.

Schippers, Jan: *See—*

Belder, Eimbert G.; van der Linde, Robert; and Schippers, Jan, 4,528,341, Cl. 525-438.000.

Schippl, Klausdieter: *See—*

Rohner, Peter; Schippl, Klausdieter; Blumenberg, Gunther; Meyer, Werner; and Obert, Wolfgang, 4,492,089, Cl. 62-55.000.

Schirk, Gunter; and Koninger, Horst, to AGFA-Gevaert, A.G. Arrangement for spacing and conveying overlapping photosensitive articles. 4,498,752, 2-12-85, Cl. 354-301.000.

Schirk, Gunter: *See—*

Koninger, Horst; Lehnert, Klaus; and Schirk, Gunter, 4,514,071, Cl. 354-320.000.

Schirmag, Klaus-Peter: *See—*

Boos, Jurgen; Homersen, Achim; and Schirmag, Klaus-Peter, 4,505,692, Cl. 474-111.000.

Schirmann, Francis, to Klein-Wanner Societe Anonyme. Process for the obtention of an algae beverage. 4,524,084, 6-18-85, Cl. 426-590.000.

Schirmann, Jean-Pierre: *See—*

Dubreux, Bernard; Emeraud, Jackie; Tatin, Gerard; and Schirmann, Jean-Pierre, 4,552,563, Cl. 8-107.000.

Schirmer, Henry G., to W. R. Grace & Co., Cryovac Div. Process for forming oriented multi-layer films having a different orientation distribution between layers. 4,496,516, 1-29-85, Cl. 264-514.000.

Schirmer, Henry G., to W. R. Grace & Co., Cryovac Div. High barrier shrink film. 4,542,075, 9-17-85, Cl. 428-516.000.

Schirmer, Robert M.; and Fromm, Ellsworth H., to Phillips Petroleum Company. Combustors and methods of operating same. 4,498,287, 2-12-85, Cl. 60-39.020.

Schirmer, Ulrich; Plath, Peter; and Wuerzer, Bruno, to BASF Aktiengesellschaft. Thiadiazole derivatives and their use for controlling undesirable plant growth. 4,518,414, 5-21-85, Cl. 71-90.000.

Schirmer, Ulrich: *See—*

Becker, Rainer; Theobald, Hans; Schirmer, Ulrich; Spiegler, Wolfgang; Seufert, Walter; and Wuerzer, Bruno, 4,500,340, Cl. 71-90.000.

Schirneker, Hans-Ludwig. Fuel element and fireplace constructions using same. 4,557,687, 12-10-85, Cl. 431-291.000.

Schirrmacher, Douglas R. Lever power system. 4,561,318, 12-31-85, Cl. 74-54.000.

Schirrmacher, Roland: *See—*

Maier, Peter; Schirrmacher, Roland; and Simen, Rolf, 4,555,199, Cl. 403-370.000.

Schirtzinger, Joseph F.: *See—*

Considine, Robert J.; Schirtzinger, Joseph F.; and Stiles, Kenneth M., 4,505,541, Cl. 350-96.230.

Schisler, Robert C.; and Eisenzimmer, George W., to Goodyear Tire & Rubber Company, The. Inflatable oil well hole plug with reinforcing wires. 4,500,095, 2-19-85, Cl. 277-34.000.

Schitka, Konstantin J.: *See—*

Borbely, Gyula J.; Devuyst, Eric A.; Ettel, Victor A.; Mosoiu, Marcel A.; and Schitka, Konstantin J., 4,537,686, Cl. 210-713.000.

Schittek, Hans: *See—*

Ripkens, Gerd; Schittek, Hans; and Buschfeld, Adolf, 4,525,227, Cl. 156-62.200.

Schively, Dixon P.: *See—*

Christiansen, David W.; and Schively, Dixon P., 4,493,812, Cl. 376-352.000.

Schiwiora, Harry: *See—*

Wagner, Rudolph; and Schiwiora, Harry, 4,551,302, Cl. 420-464.000.

Schjeldahl, Gilmore T.: *See—*

Van Tassel, Robert A.; Rydell, Mark A.; and Schjeldahl, Gilmore T., 4,531,943, Cl. 604-280.000.

Schlaak, Helmut F.: *See—*

Kersten, Ralf T.; Tietgen, Karl H.; and Schlaak, Helmut F., 4,492,425, Cl. 350-96.140.

Schlack, Richard E., to RCA Corporation. Cathode-ray tube having an electron gun assembly with emissivity modifying means. 4,554,480, 11-19-85, Cl. 313-446.000.

Schlack, Ronald A. Arrangement for providing heat to a personnel bucket of an aerial lift vehicle. 4,554,995, 11-26-85, Cl. 182-129.000.

Schlademan, James A., to Atlantic Richfield Company. Acrylic hot melt pressure sensitive adhesive coated sheet material. 4,551,388, 11-5-85, Cl. 428-355.000.

Schlaechter, John, to Guild Associates, Inc. Pressure swing cycle for the separation of oxygen from air. 4,534,346, 8-13-85, Cl. 128-205.120.

Schlaefer, Dieter: *See—*

Roos, Hans; Schlaefer, Dieter; Boehn, Hugo; Bittler, Knut; and Kilthau, Heinz, 4,557,818, Cl. 204-288.000.

Schlag, Eugen: *See—*

Scharmer, Wolfgang; Saettler, Heinz; and Schlag, Eugen, 4,527,747, Cl. 241-26.000.

Schlag, Johannes: *See—*

Naarmann, Herbert; Koehler, Gernot; and Schlag, Johannes, 4,532,188, Cl. 428-500.000.

Schlage Lock Company: *See—*

Downey, William L., 4,506,407, Cl. 16-48.500.

McGahan, Wallace A., 4,511,946, Cl. 361-172.000.

Urdal, Jan, 4,526,256, Cl. 192-40.000.

Schlags, William I.: *See—*

Becker, William A.; Marlow, Richard A.; and Schlags, William I., 4,550,038, Cl. 428-12.000.

Schlaikjer, Carl R.: *See—*

Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,508,799, Cl. 429-196.000.

Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,508,800, Cl. 429-196.000.

Gopikanth, Mysore L.; Kuo, Han C.; and Schlaikjer, Carl R., 4,510,220, Cl. 429-225.000.

Klinedinst, Keith A.; and Schlaikjer, Carl R., 4,495,266, Cl. 429-105.000.

Kuo, Han C.; Foster, Donald L.; Schlaikjer, Carl R.; Gopikanth, Mysore L.; and Dey, Arabinda N., 4,513,067, Cl. 429-101.000.

Schlak, Ottfried: *See—*

Grape, Wolfgang; Saykowski, Franz; Schlak, Ottfried; and Wurminghausen, Thomas, 4,554,187, Cl. 427-387.000.

Schlamann, Wilhelm: *See—*

Feldmann, Joachim; and Schlamann, Wilhelm, 4,556,259, Cl. 303-7.000.

Schlang, Arthur, to Litton Systems, Inc. Text line bounding system. 4,558,461, 12-10-85, Cl. 382-9.000.

Schlanger, Albert: *See—*

Wilson, Wilfred W.; and Schlanger, Albert, 4,560,192, Cl. 292-339.000.

Schlanger, Herbert: *See—*

Ward, James W.; Schlanger, Herbert; McNulty, Hugh, Jr.; and Parker, Norman W., 4,556,794, Cl. 250-309.000.

Schlanger, Samuel L. Passenger restraint safety system. 4,552,381, 11-12-85, Cl. 280-752.000.

Schlanzke, Claus G.: *See—*

Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, 4,505,374, Cl. 198-448.000.

Schlapp, Werner; and Wiessner, Werner, to Ernst Leitz Wetzlar GmbH. Photographic objective with automatic diaphragm. 4,504,134, 3-12-85, Cl. 354-272.000.

Schlapp, Werner; and Mulch, Herbert, to Ernst Leitz Wetzlar GmbH. Adjusting device for lenses. 4,548,471, 10-22-85, Cl. 350-255.000.

Schlatter, Beat; and Schnyder, Eugen, to Sulzer-Escher Wyss Ltd. Hydrostatic support member, particularly for rolling mills, and method of using the same. 4,530,227, 7-23-85, Cl. 72-241.000.

Schlatter, Beat; and Schnyder, Eugen, to Sulzer-Escher Wyss Ltd. Rolling mill for sheet material. 4,552,008, 11-12-85, Cl. 72-243.000.

Schlatter, James M.: *See—*

Hansen, Donald W., Jr.; Jones, David A., Jr.; Mazur, Robert H.; and Schlatter, James M., 4,495,178, Cl. 514-17.000.

Schlatzer, Robert K.: *See—*

Huang, Chor; and Schlatzer, Robert K., 4,509,949, Cl. 586-558.000.

Schlauer, Johann: *See—*

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,504,449, Cl. 423-228.000.

Doerges, Alexander; Schlauer, Johann; Kriebel, Manfred; and Hude, Anton, 4,532,116, Cl. 423-226.000.

Schlecht, Ludwig; and Defranceski, Peter, to Hermann Wangner GmbH & Co. KG. Apparatus for inserting weft wires in a weaving loom. 4,529,016, 7-16-85, Cl. 139-438.000.

Schlecker, Rainer; Friedrich, Ludwig; and Lenke, Dieter, to BASF Aktiengesellschaft. Tricyclic thiazolyloxamic acids and their derivatives, their preparation, and therapeutic agents containing these compounds. 4,517,196, 5-14-85, Cl. 514-371.000.

Schleffendorf, John J. Weight lifting exerciser. 4,515,363, 5-7-85, Cl. 272-118.000.

Schlegel, Andy; and Busenhart, Peter, to Rieter Machine Works, Ltd. Device for feeding a pressure medium into a shaft. 4,506,692, 3-26-85, Cl. 137-102.000.

Schlegel, Barbara W., administratrix: *See—*
Przybysz, John X.; and Schlegel, Earl S., deceased, 4,516,315, Cl. 29-576.00B.
Schlegel, Brooke P.: *See—*
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Schlegel Canada Inc.: *See—*
Hope, Robert; and Brown, Stephen, 4,528,736, Cl. 29-235.000.
Schlegel Corporation: *See—*
Annis, Gerald A., 4,515,845, Cl. 428-86.000.
Clarke, Robert T., Jr.; and Jasienski, Raymond, 4,519,729, Cl. 405-258.000.
Clouthier, Richard S.; and Rogers, Thomas A., 4,555,171, Cl. 355-3.0CH.
Weichman, Edward C., 4,517,233, Cl. 428-108.000.
Yackiw, Charles; and Lynn, Jeffrey M., 4,528,788, Cl. 52-207.000.
Yackiw, Charles, 4,535,564, Cl. 49-489.000.
Schlegel, Donald C.; and Bell, Malcolm R., to Sterling Drug Inc. Benzyl alcohol derivatives, their preparation and use. 4,496,590, 1-29-85, Cl. 514-646.000.
Schlegel, Earl S., deceased: *See—*
Przybysz, John X.; and Schlegel, Earl S., deceased, 4,516,315, Cl. 29-576.00B.
Schlegel Lining Technology GmbH: *See—*
Hammer, Heiner I., 4,499,923, Cl. 138-109.000.
Hammer, Heiner I., 4,552,485, Cl. 405-184.000.
Schlegel, Raymond F.; Bourassin, Rene P.; and Lapautre, Michel A., to Bertin & Cie. Energy recuperation centrifuge. 4,508,530, 4-2-85, Cl. 494-49.000.
Schleicher, Oskar H., to Fa. Oskar Schleicher. Shed forming arrangement. 4,530,382, 7-23-85, Cl. 139-455.000.
Schleicher, Robert G.: *See—*
Smith, Stanley B., Jr.; Schleicher, Robert G.; and Waterman, Jon N., 4,531,836, Cl. 356-316.000.
Schleicher, Rolf: *See—*
Braun, Gunter; Kratt, Alfred; and Schleicher, Rolf, 4,513,711, Cl. 123-339.000.
Schleicher & Schuell, Inc.: *See—*
Bacon, David L.; Kremer, Richard D.; and Morse, Randall H., 4,534,863, Cl. 210-232.000.
Schleicher, Ulrich, to Diehl GmbH & Co. Arrangement for reducing the base drag in projectiles. 4,554,872, 11-26-85, Cl. 102-490.000.
Schleier, Waldemar: *See—*
Kramer, Dieter; Pennewiss, Horst; Plainer, Hermann; Schnee, Reiner; and Schleier, Waldemar, 4,511,694, Cl. 525-54.100.
Schleiermacher, Herbert; and Bauer, Lothar, to Klockner-Humboldt-Deutz AG. Intake system with oscillator tubes. 4,497,287, 2-5-85, Cl. 123-52.0MC.
Schleihauf, Gerhard: *See—*
Kuhlmann, Gerhard; Schleihauf, Gerhard; and Brandauer, Emil, 4,493,865, Cl. 428-52.000.
Kuhlmann, Gerhard; Schleihauf, Gerhard; and Brandauer, Emil, 4,507,353, Cl. 428-222.000.
Schleimer, Francois, to Arbed S.A. Process and apparatus for heating a steel bath charged with scrap. 4,561,637, 12-31-85, Cl. 266-81.000.
Schleimer, Stephen I.: *See—*
Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
Ahlstrom, John K.; Bernstein, David H.; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; and Wallach, Walter A., Jr., 4,517,642, Cl. 364-200.000.
Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.
Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Mundie, Craig J.; Schleimer, Stephen I.; and Wallach, Steven J., 4,525,780, Cl. 364-200.000.
Bratt, Richard G.; Schleimer, Stephen I.; Gavrin, Edward S.; Pilat, John F.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Clancy, Gerald F.; Mundie, Craig J.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,532,586, Cl. 364-200.000.
Clancy, Gerald F.; Gruner, Ronald H.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Richmond, Michael S.; Bernstein, David H.; and Bratt, Richard G., 4,499,604, Cl. 364-200.000.
Clancy, Gerald F.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Bratt, Richard G.; and Gavrin, Edward S., 4,545,012, Cl. 364-200.000.
Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., 4,514,800, Cl. 364-200.000.
Schlein, Allen P. Shearing apparatus. 4,516,322, 5-14-85, Cl. 30-92.000.
Schlein, Allen P. Perforated closed cell padding material. 4,516,572, 5-14-85, Cl. 128-156.000.
Schleiter, Daniel P., Sr., to Vapor Corporation. Pressure relief valve and method for modification thereof. 4,556,083, 12-3-85, Cl. 137-514.000.
Schlembach, Hans: *See—*
Latsch, Reinhard; Schlembach, Hans; and Scherenberg, Dieter, 4,513,708, Cl. 123-263.000.
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Schlemmer, Lothar: *See—*
Vyvial, Rudolf; Taubitz, Christof; Schlemmer, Lothar; Bleckmann, Gerhard; Zuerger, Manfred; Krieger, Heinrich; and Thiele, Heino, 4,493,807, Cl. 264-101.000.
Schlenk, Manfred, to Siemens Aktiengesellschaft. Circuit arrangement for identifying and storing power line faults. 4,533,865, 8-6-85, Cl. 324-51.000.
Schlepfer, Walter: *See—*
Binder, Rolf; Hanselmann, Daniel; and Schlepfer, Walter, 4,513,479, Cl. 19-80.00R.
Schleppinghoff, Bernhard; and Becker, Martin, to EC Erdolchemie GmbH. Process for the production of methyl tert.-butyl ether (MTBE) and of hydrocarbon raffinates substantially freed from i-butene and from methanol. 4,503,265, 3-5-85, Cl. 568-697.000.
Schleppinghoff, Bernhard: *See—*
Herwig, Jens; Scheef, Hans-Volker; Schleppinghoff, Bernhard; and Lange, Peter M., 4,504,688, Cl. 568-697.000.
Schleppnik, Alfred A.: *See—*
Tou, Jacob S.; and Schleppnik, Alfred A., 4,514,340, Cl. 260-465.00D.
Tou, Jacob S.; and Schleppnik, Alfred A., 4,521,344, Cl. 260-465.00D.
Schlesch, Ronald D.; and Lyons, Robert F., to Armstrong International, Inc. Combined inlet and outlet fitting. 4,508,135, 4-2-85, Cl. 137-185.000.
Schlesinger, Allen H.; Hudson, L. Keith; and Fish, William M., to Aluminum Company of America. Dense phase precipitation. 4,530,699, 7-23-85, Cl. 23-301.000.
Schlesinger, Lawrence; German, Dale F.; and Richards, Donald L., to Eaton Corporation. Circuit mounting apparatus. 4,507,956, 4-2-85, Cl. 73-146.500.
Schlesinger, Sheldon I.; Cerenzia, Walter S.; and Wilson, Thomas D., to James River-Norwalk, Inc. Manufacture of molded paperboard articles. 4,514,354, 4-30-85, Cl. 264-324.000.
Schlessinger, Joseph E.; and Hamilton, Richard G., to Critikon, Inc. Pulmonary monitor. 4,546,770, 10-15-85, Cl. 128-630.000.
Schletzbaum, John W.: *See—*
Jacobi, Stephen F.; Haight, Robert E.; Schletzbaum, John W.; Martin, Yolanda E.; and Lang, Stephen P., 4,500,874, Cl. 340-607.000.
Schleupen, Richard: *See—*
Bodig, Bernd; Kull, Hermann; and Schleupen, Richard, 4,532,437, Cl. 307-358.000.
Schleusener, Annerose: *See—*
Wiechert, Rudolf; Bittler, Dieter; Schleusener, Annerose; and Albring, Manfred, 4,558,041, Cl. 514-178.000.
Schleussner, Hans: *See—*
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Schlich, Elmar: *See—*
Vietzke, Horst; Schlich, Elmar; Luthardt, Gunther; and Huschka, Hans, 4,562,001, Cl. 252-633.000.
Schlich, William R.: *See—*
Mellinger, Gary A.; Giles, Harold F., Jr.; Holub, Fred; and Schlich, William R., 4,548,997, Cl. 525-433.000.
Schlicht, Raymond C.; and Skrobul, Anthony P., to Texaco Inc. Lubricant compositions containing amides of hydroxy-substituted aliphatic acids and fatty amines. 4,512,903, 4-23-85, Cl. 252-51.50A.
Schlicht, Raymond C., to Texaco Inc. Lubricants containing hydroxyalkoxy acid amides of alkyl amines as friction reducers. 4,525,288, 6-25-85, Cl. 252-32.70E.
Schlicht, Raymond C., to Texaco Inc. Friction-reducing molybdenum salts and process for making same. 4,559,152, 12-17-85, Cl. 252-32.70E.
Schlichtig, Ralph C. Absorption type heat transfer system functioning as a temperature pressure potential amplifier. 4,506,524, 3-26-85, Cl. 62-476.000.
Schlichting, Jurgen, deceased: *See—*
Fitzer, Erich; Brennfleck, Karl; and Schlichting, Jurgen, deceased, 4,540,606, Cl. 427-247.000.
Schlick, Erich: *See—*
Heider, Alfred; Schlick, Erich; and Schnall, Gunther, 4,548,399, Cl. 271-221.000.
Schlick, Horst; Hofert, Paul; and Caramel, Rudolf, to VDO Adolf Schindling AG. Electric clock movement, particularly a quartz clock movement. 4,508,458, 4-2-85, Cl. 368-76.000.

Schlick, Horst: *See—*

Wietschorke, Stephan; and Schlick, Horst, 4,556,028, Cl. 123-339.000.

Schlicker, Heinrich A., to AB Volvo. Parking brake in a vehicle transmission. 4,519,483, 5-28-85, Cl. 192-4.00A.

Schlie, LaVerne A.; and Rathge, Robert D., to United States of America, Air Force. Transverse flow CW atomic iodine laser system. 4,535,457, 8-13-85, Cl. 372-58.000.

Schlieder, Klaus: *See—*

Homann, Ernst; Nelboeck, Michael; Schlieder, Klaus; and Bayer, Gernold, 4,553,553, Cl. 128-749.000.

Schliekelmann, Robert J., to Fokker B.V. Method and apparatus for the non-destructive testing of materials by the use of ultra-sonic waves. 4,507,967, 4-2-85, Cl. 73-621.000.

Schlienger, Max P.; and Szeto, Whalun, to Retech, Inc. High speed electric arc saw and method of operating same. 4,510,368, 4-9-85, Cl. 219-69.00M.

Schlienkamp, Hubert, to Szabo Maschinenbau GmbH & Co. KG. Method and system for sealing the edges of insulating-glass panels. 4,519,962, 5-28-85, Cl. 264-40.700.

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Schlinger, Warren G., to Texaco Inc. Partial oxidation process. 4,491,456, 1-1-85, Cl. 48-197.00R.

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Schloemer, George C., to Syntex Pharmaceuticals International Limited. Manufacture of alpha-arylalkanoic acids and precursors. 4,542,237, 9-17-85, Cl. 562-466.000.

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Bockett-Pugh, Charles, 4,499,419, Cl. 324-102.000.

Dickson, John K., 4,519,251, Cl. 73-639.000.

Lax, David R.; Page, Michael; and Johnstone, James S., 4,537,076, Cl. 73-662.000.

Pullen, Roger J., 4,503,616, Cl. 33-172.00E.

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Ryder, Alan, 4,510,440, Cl. 324-77.00G.

Smith, Kenneth B.; and Adams, Derek W., 4,502,793, Cl. 374-124.000.

Wakeling, Antony J.; and Thompson, Alan D., 4,494,110, Cl. 340-365.00R.

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Baak, Tryggve, 4,504,113, Cl. 350-96.330.

Barber, Thomas D., 4,513,376, Cl. 364-422.000.

Beseme, Jean H.; Corral, Jose R.; and Glotin, Bernard J., 4,559,709, Cl. 33-178.00F.

Besson, Raymond J.; Boy, Jean-Jacques; and Valentin, Jean-Pascal, 4,562,375, Cl. 310-338.000.

Bordon, Ernesto E., 4,527,636, Cl. 175-4.550.

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Chan, David S. K., 4,545,242, Cl. 73-152.000.

Chapman, Joseph E., III, 4,496,010, Cl. 175-4.550.
Clark, Brian, 4,536,714, Cl. 324-338.000.
Clark, Brian, 4,538,109, Cl. 324-338.000.
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Clavier, Christian M.; and Dumanoir, Jean L., 4,495,604, Cl. 367-25.000.
Clavier, Christian M.; Dumanoir, Jean L.; and Dumestre, Alexis C., 4,502,121, Cl. 364-422.000.
Coblentz, Andrea; Lefevre, Didier; Colombani, Pascal; and Meunier, Denis, 4,520,666, Cl. 73-155.000.
DerMott, Raymond W.; and Hartwein, Kenneth J., 4,496,009, Cl. 175-4.520.
Devaney, Anthony J., 4,562,540, Cl. 364-400.000.
Ellis, Darwin V., 4,542,292, Cl. 250-256.000.
Glotin, Bernard J., 4,553,599, Cl. 166-332.000.
Guidry, Shelby L.; and DeCuir, Perry J., Sr., 4,510,797, Cl. 73-151.000.
Hall, Robert L.; and Wood, Lowell T., 4,524,436, Cl. 367-169.000.
Hertzog, Russel C.; and Nelligan, William B., 4,507,554, Cl. 250-270.000.
Horowicz, Leon, 4,527,260, Cl. 367-27.000.
Hsu, Kai, 4,543,648, Cl. 367-29.000.
Ingram, John D.; and Macknight, Eileen E., 4,562,556, Cl. 367-26.000.
Johnson, David L., 4,524,432, Cl. 367-25.000.
Lancaster, Charles E., 4,541,481, Cl. 166-65.100.
Lee, Arley G., 4,506,219, Cl. 324-221.000.
Meek, Dale E.; and Upchurch, James M., 4,553,598, Cl. 166-317.000.
Minerbo, Gerald N.; and McCann, R. Bruce, 4,546,314, Cl. 324-221.000.
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Moran, James H.; and Rau, Rama N., 4,511,842, Cl. 324-338.000.
Nguyen, Khoi B., 4,500,156, Cl. 339-94.00C.
Parks, Thomas W.; and Morris, Charles F., Jr., 4,562,557, Cl. 367-27.000.
Perl, Julius, 4,560,830, Cl. 178-19.000.
Pottier, Alain; and Chesnel, Pierre, 4,496,008, Cl. 175-4.600.
Poupon, Andre; and Favard, Jean-Claude, 4,531,188, Cl. 364-422.000.
Scott, Hubert D., 4,524,274, Cl. 250-269.000.
Sharp, Stanley O., 4,547,833, Cl. 361-386.000.
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Sinclair, Paul L., 4,499,421, Cl. 324-339.000.
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Sinha, Bikash K.; and Gouilloud, Michel, 4,512,198, Cl. 73-703.000.
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Thoraval, Yvon, 4,511,843, Cl. 324-338.000.
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Upchurch, James M., 4,509,604, Cl. 175-4.520.
Upchurch, James M., 4,553,428, Cl. 73-152.000.
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Vigneaux, Pierre, 4,503,712, Cl. 73-861.350.
Wambaugh, John O., 4,545,433, Cl. 166-105.000.

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Schmid, Karl; Baumann, Horst; Geke, Jurgen; Germscheid, Hans-Gunther; Ludecke, Werner; Piorr, Robert; Rossmann, Christian; Scharf, Rolf; and Schlussler, Hans-Joachim, 4,522,740, Cl. 252-174.210.
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Schmale, Peter C.: *See—*
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Vock, Jurgen; Pinck, Peter; Lange, Norbert; Schmalfeld, Erwin; and Petersen, Kurt-Eckard, 4,500,770, Cl. 219-121.0LK.

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Schmid, Eckart: *See—*

  Heynisch, Hinrich; and Schmid, Eckart, 4,539,512, Cl. 315-5.350.

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  Haubner, Georg; and Schmid, Hans-Dieter, 4,515,118, Cl. 123-149.00C.

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Schmid, Karl: *See—*

  Hoefer, Rainer; Schmid, Karl; Wegemund, Bernd; and Bartnick, Bernhard, 4,529,762, Cl. 524-157.000.

  Schiel, Christian; Zurn, Georg; and Schmid, Karl, 4,520,578, Cl. 34-110.000.

Schmid, Karl H.; Rommerskirchen, Hans J.; Reuter, Herbert; Seiter, Wolfgang; and Piorr, Robert, to Henkel Kommanditgesellschaft auf Aktien. Viscosity regulators for high-viscosity surfactant concentrates. 4,495,092, 1-22-85, Cl. 252-559.000.

Schmid, Karlheinz, to Gebrueder Heller Maschinenfabrik GmbH. Crankshaft milling machine. 4,494,281, 1-22-85, Cl. 29-6.000.

Schmid, Karlheinz, to Gebrueder Heller Maschinenfabrik GmbH. Crankshaft milling apparatus. 4,521,143, 6-4-85, Cl. 409-200.000.

Schmid, Kurt: *See—*

  Grunwald, Werner; Pfizenmaier, Heinz; de la Prieta, Claudio; Schmid, Kurt; and Schmidt, Ewald, 4,522,671, Cl. 156-235.000.

Schmid, Lawrence A. Temperature-controllable heat valve. 4,494,595, 1-22-85, Cl. 165-1.000.

Schmid, Leopold F. Self-locking differential gear unit; more specially for motor vehicles. 4,493,227, 1-15-85, Cl. 74-711.000.

Schmid, Manfred: *See—*

  Klebe, Hans; Koth, Detlev; Kerner, Dieter; Schmid, Josef; and Schmid, Manfred, 4,503,092, Cl. 427-213.000.

Schmid, Martin: *See—*

  Kollmannsberger, Otto; and Schmid, Martin, 4,542,374, Cl. 340-648.000.

Schmid, Rolf: *See—*

  Bartnik, Friedhelm; Schindler, Joachim; Weiss, Albrecht; and Schmid, Rolf, 4,518,697, Cl. 435-254.000.

Schmid, Rudolf, to Siemens Aktiengesellschaft. Gas laser with a spring-supported capillary. 4,553,240, 11-12-85, Cl. 372-61.000.

Schmid, Rudolf: *See—*

  Hansen, Hans-Jurgen; and Schmid, Rudolf, 4,556,740, Cl. 568-13.000.

Schmid, Theobald; Widmaier, Horst; and Wolf, Friedrich, to Hand Widmaier Fabrik Fur Apparate Der Fernmelde-und Feinwerktechnik. Keyboard for initiating switching operations or switching signals associated with respective symbols on the surfaces of the keys. 4,531,033, 7-23-85, Cl. 200-314.000.

Schmid, Walter: *See—*

  Balsys, Manfred; Kling, Dieter; Maier, Hans; Miller, Franz; and Schmid, Walter, 4,522,223, Cl. 137-240.000.

Schmid, Walter A.; and Bertschinger, Hans, to Locher & Cie AGZZ. Apparatus and method for tunnel construction with shield drive. 4,557,627, 12-10-85, Cl. 405-146.000.

Schmid, Werner: *See—*

  de Sousa, Bernardo; Schmid, Werner; and Artz, Klaus, 4,503,100, Cl. 427-428.000.

Schmid, Wolfgang; Wanner, Karl; Falchle, Jorg; Bleicher, Manfred; and Muller, Frank, to Robert Bosch GmbH. Power-driven hand tool. 4,537,264, 8-27-85, Cl. 173-48.000.

Schmid, Wolfgang: *See—*

  Linde, Gerhard; Schmid, Wolfgang; Boelt, Manfred; and Burr, Peter S., 4,548,618, Cl. 55-16.000.

Schmidbaur, Hubert: *See—*

  Helbig, Joachim; and Schmidbaur, Hubert, 4,546,195, Cl. 556-50.000.

Schmidberger, Rainer: *See—*

  Kock, Wulf; Schmidberger, Rainer; and Wagner, Wolfgang, 4,498,395, Cl. 102-517.000.

Schmider, Fritz, to Papst-Motoren GmbH & Co. KG. Electric machine. 4,501,983, 2-26-85, Cl. 310-113.000.

Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, to Wacker-Chemie GmbH. Method for preparing hydrogen chloride for the ethyleneoxichlorination process. 4,528,174, 7-9-85, Cl. 423-488.000.

Schmidhammer, Ludwig; Dummer, Gerhard; Haselwarter, Klaus; and Strasser, Rudolf, to Wacker-Chemie GmbH. Process for the work-up of residues of chlorination. 4,540,837, 9-10-85, Cl. 570-211.000.

Schmidhuber, Karl; Wall, Helmut; and Demovic, Vojtech, to Keiper Recaro GmbH & Co. Seat for airplanes and buses. 4,498,703, 2-12-85, Cl. 297-328.000.

Schmidle, Claude J.; and Varadhachary, Seevaram N., to Congoleum Corporation. Resinous polymer sheet material having surface decorative effects of contrasting gloss and method of making the same. 4,491,616, 1-1-85, Cl. 428-158.000.

Schmidle, Claude J., to Morton Thiokol, Inc. Photocurable compositions. 4,512,910, 4-23-85, Cl. 252-188.310.

Schmidlkofer, Jakob: *See—*

  von Au, Gunter; Innertsberger, Ernst; Schmidlkofer, Jakob; and Kaiser, Wolfgang, 4,549,004, Cl. 528-42.000.

Schmidt, Adolf, to Bayer Aktiengesellschaft. Process for the production of fluid aqueous dispersions of polymers of conjugated dienes. 4,508,862, 4-2-85, Cl. 524-157.000.

Schmidt, Adolf: *See—*

  Zabrocki, Karl; Ott, Karl-Heinz; Schmidt, Adolf; and Pischtschan, Alfred, 4,520,165, Cl. 525-84.000.

Schmidt, Alfred. Snow removal. 4,498,253, 2-12-85, Cl. 37-249.000.

Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, to Air Products and Chemicals, Inc.; and LIM International S.A. Polyurethane compositions having low hysteresis. 4,507,459, 3-26-85, Cl. 528-64.000.

Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, to LIM International S.A. Reinforced polyurethane tires. 4,519,432, 5-28-85, Cl. 152-357.00A.

Schmidt, Bernd: *See—*

  Prohl, Hans-Rudiger; Schmidt, Bernd; and Spannehl, Hans-Peter, 4,504,843, Cl. 346-138.000.

Schmidt, Bernhard, to Felten & Guilleaume Carlswerk Aktiengesellschaft. Coupling arrangement for optical waveguides and method of manufacturing the same. 4,515,433, 5-7-85, Cl. 350-96.210.

Schmidt, Bernhard: *See—*

  Drews, Ulrich; Mezger, Manfred; Schmidt, Bernhard; Seeger, Karl; Sohner, Gerhard; and Roozenbeek, Herman, 4,531,190, Cl. 364-431.110.

Schmidt, Bruno H.; and Becker, Helmut. Device for producing boreholes in coal or the like. 4,529,046, 7-16-85, Cl. 175-107.000.

Schmidt, Charles J., to Temple, Arthur, III, a part interest. Apparatus for rounding the circumference of a log. 4,554,958, 11-26-85, Cl. 144-4.000.

Schmidt, David: *See—*

  McHugh, Edward L.; McHugh, James C.; McHugh, Gerard J.; Gallagher, William; and Schmidt, David, 4,494,766, Cl. 280-444.000.

Schmidt, Delf: *See—*
Metzger, Karl G.; Pfitzner, Jorg; Schmidt, Delf; Weyland, Horst; Benz, Gunter; and Schroder, Theo, 4,546,079, Cl. 435-71.000.

Schmidt, Detleff W. P.: *See—*
Gallup, William; and Schmidt, Detleff W. P., 4,552,512, Cl. 417-3.000.

Schmidt, Dieter, to Siemens Aktiengesellschaft. X-ray diagnostic system having an image intensifier television chain. 4,530,007, 7-16-85, Cl. 358-111.000.

Schmidt, Dieter: *See—*
Bach, Eric; and Schmidt, Dieter, 4,553,254, Cl. 378-098.000.
Redell, Dietrich; and Schmidt, Dieter, 4,526,538, Cl. 432-246.000.

Schmidt, Donald J., to Alco Industries, Inc. Method of making a metal bottle for exotic gases under pressure. 4,493,201, 1-15-85, Cl. 72-349.000.

Schmidt, Donald L.; Klingler, Thomas C.; and Wessling, Ritchie A., to Dow Chemical Company, The. Addition polymerizable aromatic sulfonium salts and polymers thereof. 4,528,384, 7-9-85, Cl. 549-78.000.

Schmidt, Donald L.; and Harris, Robert F., to Dow Chemical Company, The. Perfluorocarbon based polymeric coatings having low critical surface tensions. 4,554,325, 11-19-85, Cl. 525-326.800.

Schmidt, Donald R., to Encon Systems, Ltd. Modified full-flow filter and by-pass filter apparatus for internal combustion engines. 4,524,733, 6-25-85, Cl. 123-196.00A.

Schmidt, Douglass N., to BASF Wyandotte Corporation. Low temperature stable, emulsifiable vitamin A concentrates. 4,532,133, 7-30-85, Cl. 514-725.000.

Schmidt, Douglass N.; Finnan, Jeffrey L.; and Lisa, Rudolph E., to BASF Wyandotte Corporation. Process for preparing a sugar and starch free spray-dried vitamin C powder containing 90 percent ascorbic acid. 4,533,674, 8-6-85, Cl. 514-474.000.

Schmidt, Eric E.; and Lampson, Butler W., to Xerox Corporation. Software version management system. 4,558,413, 12-10-85, Cl. 364-300.000.

Schmidt, Erich, to MZW Maschinenfabrik Zuckermann Pachtgesellschaft mbH. Apparatus for copy-machining a workpiece. 4,493,351, 1-15-85, Cl. 144-3.00R.

Schmidt, Erich, to MZW Maschinenfabrik Zuckermann Pachtgesellschaft mbH. Apparatus for the transverse and/or longitudinal machining of wooden workpieces. 4,512,380, 4-23-85, Cl. 144-1.00A.

Schmidt, Erich A.: *See—*
Schmidt, Volker; and Schmidt, Erich A., 4,540,111, Cl. 227-8.000.
Schmidt, Volker; and Schmidt, Erich A., 4,561,365, Cl. 112-121.270.
Schmidt, Volker; and Schmidt, Erich A., 4,561,366, Cl. 112-121.270.

Schmidt, Ewald: *See—*
Baum, Helmut; Pfizenmaier, Heinz; Schmidt, Ewald; and Strauss, Franz, 4,536,719, Cl. 331-37.000.
Grunwald, Werner; Pfizenmaier, Heinz; de la Prieta, Claudio; Schmid, Kurt; and Schmidt, Ewald, 4,522,671, Cl. 156-235.000.

Schmidt, Frank; and Tyrroff, Horst, to VEB Zentrum fur Forschung und Technologie Mikroelektronik. Method for the production of a self-supporting mask. 4,497,884, 2-5-85, Cl. 430-5.000.

Schmidt, Franz; Pipper, Gunter; Floss, Josef G.; and Zahradnik, Franz, to BASF Aktiengesellschaft. Continuous preparation of nylon with diamine recycling. 4,537,949, 8-27-85, Cl. 528-335.000.

Schmidt, Franz: *See—*
Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.

Schmidt, Fred W.: *See—*
Baus, Rene; and Schmidt, Fred W., 4,514,623, Cl. 235-482.000.

Schmidt, Frederick A.: *See—*
Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., 4,532,703, Cl. 29-599.000.

Schmidt, Frederick W., to Computer Automation, Inc. Dynamic memory with error correction on refresh. 4,493,081, 1-8-85, Cl. 371-38.000.

Schmidt, Friedrich, to Bayer Aktiengesellschaft. Process for removal of emission gas pollutants by biological means. 4,544,381, 10-1-85, Cl. 55-89.000.

Schmidt, George S., to General Electric Company. Double lift jack. 4,526,345, 7-2-85, Cl. 254-93.00R.

Schmidt, Gerhard; Ritter, Klaus; and Ritter, Gerhard, to EVG Entwicklungs- und Verwertungs-Gesellschaft m.b.H. Method and apparatus for the production of welded grid bodies. 4,500,763, 2-19-85, Cl. 219-58.000.

Schmidt, Gerhard; Ritter, Gerhard; and Ritter, Klaus, to EVG Entwicklungs- und Verwertungs-Gesellschaft m.b.H. Grid mat. 4,503,650, 3-12-85, Cl. 52-660.000.

Schmidt, Gerhard; and Kohlpoth, Walter, to Nukem GmbH. Apparatus for compacting bioinjurious wastes. 4,524,048, 6-18-85, Cl. 422-159.000.

Schmidt, Gerhard: *See—*
Ritter, Klaus; Ritter, Gerhard; Schmidt, Gerhard; and Ritter, Josef, 4,526,025, Cl. 72-388.000.
Scherr, Rudolf; Schmidt, Gerhard; Pollhammer, Edgar; Ritter, Gerhard; and Ritter, Klaus, 4,529,858, Cl. 219-56.000.

Schmidt, Gerhard S. E. Self-closing dispenser. 4,519,530, 5-28-85, Cl. 222-494.000.

Schmidt, Gerhard S. E. Coupling for pressure hose. 4,552,387, 11-12-85, Cl. 285-238.000.

Schmidt, Glenn H. Reinforced hollow metal golf club head. 4,511,145, 4-16-85, Cl. 273-167.00H.

Schmidt, Glenn H. Golf iron face. 4,521,022, 6-4-85, Cl. 273-175.000.

Schmidt, Gunther: *See—*
Engel, Wolfhard; Trummlitz, Gunter; Eberlein, Wolfgang; Mihm, Gerhard; Schmidt, Gunther; Hammer, Rudolf; and Giachetti, Antonio, 4,550,107, Cl. 514-220.000.

Schmidt, Hans-Dieter: *See—*
Hafner, Gunther; Noreikat, Karl-Ernst; Schmidt, Hans-Dieter; Letsche, Ulrich; and Bauer, Bernhard, 4,546,426, Cl. 364-153.000.

Schmidt, Hans-Friedrich: *See—*
von Tomkewitsch, Sybille; and Schmidt, Hans-Friedrich, 4,548,740, Cl. 252-511.000.

Schmidt, Hans-Georg, to Dynamit Nobel Aktiengesellschaft. 3H-furanones. 4,508,914, 4-2-85, Cl. 549-323.000.

Schmidt, Hans-Georg, to Dynamit Nobel Aktiengesellschaft. Method of preparing p-orsellinic acid esters. 4,524,216, 6-18-85, Cl. 560-70.000.

Schmidt, Hans-Georg, to Dynamit Nobel Aktiengesellschaft. Process for preparing unsaturated six-membered lactones. 4,562,270, 12-31-85, Cl. 549-294.000.

Schmidt, Hans J.; Diesel, Hans-Dieter; and Sauer, Burkhard, to Letron GmbH. Process for producing colored, resin-impregnated paper sheets with a three-dimensional surface structure. 4,532,157, 7-30-85, Cl. 427-262.000.

Schmidt, Hans-Joachim; and Arpe, Hans-Jurgen, to Hoechst Aktiengesellschaft. Process for carbonylating formaldehyde acetals. 4,501,917, 2-26-85, Cl. 560-187.000.

Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, to VEB Arzneimittelwerk Dresden. Method for the production of 1-alkyl-6,7-methylenedioxy-4(1H)-oxo-cinnolin-3-carboxylic acids. 4,495,351, 1-22-85, Cl. 544-234.000.

Schmidt, Hans-Jorg: *See—*
Buchschmid, Emil; Horn, Friedrich; Nieberl, Bruno; Schmidt, Hans-Jorg; and Weyerich, Manfred, 4,494,101, Cl. 336-210.000.

Schmidt, Hans W.: *See—*
Horn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, 4,522,743, Cl. 252-311.000.

Schmidt, Hans-Werner: *See—*
Hirsch, Martin; Schnabel, Wolfram; Sauer, Harald; and Schmidt, Hans-Werner, 4,539,188, Cl. 423-210.000.
Sauer, Harald; Schmidt, Hans-Werner; and Fennemann, Wolfgang, 4,548,797, Cl. 423-240.000.

Schmidt-Hansberg, Thomas: *See—*
Hackstein, Karl; Hrovat, Milan; Schmidt-Hansberg, Thomas; Rachor, Lothar; and Huschka, Hans, 4,560,502, Cl. 252-628.000.

Schmidt, Hartmut: *See—*
von der Bey, Thomas; Jankowski, Detlef; Schmidt, Hartmut; Thoma, Klemens; and Volker, Wolfgang, 4,532,779, Cl. 62-514.00R.

Schmidt, Heinrich, to Heinrich Greve GmbH. Apparatus for removing the waste edge pieces from punched blanks. 4,537,589, 8-27-85, Cl. 493-373.000.

Schmidt, Heinz-Joachim: *See—*
Buse, Heinrich; and Schmidt, Heinz-Joachim, 4,491,846, Cl. 343-758.000.

Schmidt, Helmut; Kaiser, Alfred; and Scholze, Horst, to Fraunhofer-Gesellschaft. Membranes based on silicic acid heteropolycondensates and a process for their production. 4,505,985, 3-19-85, Cl. 428-447.000.

Schmidt, Helmut: *See—*
Ong, Sienling; Karsunky, Ulrich; and Schmidt, Helmut, 4,523,922, Cl. 8-471.000.

Schmidt, Henning: *See—*
Goller, Ernst; Kazmaier, Gunther; Trissler, Hans-Dieter; and Schmidt, Henning, 4,503,689, Cl. 66-149.00R.

Schmidt, Henning M.; Malmkvist, Hans G.; Aksberg, Arvi J.; and Johansson, Jan H., to Telefonaktiebolaget LM Ericsson. Lead-fram for an electric microphone. 4,542,264, 9-17-85, Cl. 179-111.00E.

Schmidt, Henry, Jr.; Cederholm, Allen E.; and Zievers, James F., t Industrial Filter & Pump Mfg. Co. Pressure filter with vibrator impactor. 4,526,688, 7-2-85, Cl. 210-323.200.

Schmidt, Herbert; and Steinort, Hans, to Senkingwerk GmbH KG Method operating a tunnel-type batch washing machine. 4,494,26 1-22-85, Cl. 8-159.000.

Schmidt, Hubert, to Lermer Apparatebau GmbH. Brake for rollab receiving elements utilized particularly in airplanes. 4,526,253, 7-2-8 Cl. 188-1.120.

Schmidt, Hubertus; and Mucheyer, Norbert, to Mannesmann Rexroth GmbH. Device for controlling a connection between a pressur medium source and a fluid supply container in a pressure mediu operated system. 4,506,859, 3-26-85, Cl. 251-63.000.

Schmidt, Hubertus: *See—*
Mucheyer, Norbert; and Schmidt, Hubertus, 4,497,375, Cl 172-10.000.

Schmidt, Ingrid E.: *See—*
Curr, Thomas R.; and Schmidt, Ingrid E., 4,540,433, Cl. 75-10.00R.

Schmidt, James C., to A. E. Staley Manufacturing Company. Proces for producing esters of carbohydrate materials. 4,501,888, 2-26-85, Cl 536-110.000.

Schmidt, Jimmy Q., to United States of America, Army. Ceram coated differential sensor coil for use on a gun muzzle velocimeter 4,524,323, 6-18-85, Cl. 324-179.000.

- Schmidt, Jimmy Q., to United States of America Army. Automatic velocity controlled delay circuit. 4,535,462, 8-13-85, Cl. 377-2.000.
- Schmidt, Jimmy Q.; and Loder, Rurik K., to United States of America, Army. Apparatus for measuring projectile's transverse displacement at gun muzzle. 4,542,342, 9-17-85, Cl. 324-207.000.
- Schmidt, Johan M., to U.S. Philips Corporation. FM broadcasting system with transmitter identification. 4,493,099, 1-8-85, Cl. 381-14.000.
- Schmidt, John C.; Sands, Clifton A.; and Campbell, Donald N., to Allied Corporation. Method of and system for real time differential pulse detection. 4,500,391, 2-19-85, Cl. 204-1.00T.
- Schmidt, John C.; Campbell, Donald N.; and Clay, Sandra B., to Allied Corporation. Electrochemical gas sensor. 4,525,266, 6-25-85, Cl. 204-412.000.
- Schmidt, John C.: *See—*
  - Campbell, Donald N.; and Schmidt, John C., 4,525,704, Cl. 340-632.000.
- Schmidt, John D. Camera support. 4,496,228, 1-29-85, Cl. 354-293.000.
- Schmidt, John D. Camera support. 4,530,584, 7-23-85, Cl. 354-293.000.
- Schmidt, John R. Character data input keyboard arrangement having central matrix of keys. 4,522,518, 6-11-85, Cl. 400-486.000.
- Schmidt, K. Ulf: *See—*
  - Oliva, Rudolf; and Schmidt, K. Ulf, 4,493,241, Cl. 89-1.140.
- Schmidt, Karl: *See—*
  - Ehrhart, Fritz; Chattopadhay, Asoke; and Schmidt, Karl, 4,543,939, Cl. 123-533.000.
- Schmidt, Karl H.: *See—*
  - Krebser, Werner; and Schmidt, Karl H., 4,527,610, Cl. 164-287.000.
- Schmidt, Karl-Heinz: *See—*
  - Grebe, Reiner; Norbisrath, Max; and Schmidt, Karl-Heinz, 4,520,963, Cl. 241-30.000.
- Schmidt, Karl W., to Gebruder Schmidt GmbH & Co. KG. Clockwork retaining assembly. 4,522,509, 6-11-85, Cl. 368-300.000.
- Schmidt, Karl W., to Gebruder Schmidt GmbH & Co. KG. System for retaining a wall on a clock housing. 4,525,079, 6-25-85, Cl. 368-276.000.
- Schmidt, Klaus, to Carl Freudenberg, Firma. Cleaning cloth. 4,525,411, 6-25-85, Cl. 428-198.000.
- Schmidt-Kufeke, Klaus-Peter: *See—*
  - Feld, Gerhard; and Schmidt-Kufeke, Klaus-Peter, 4,534,994, Cl. 427-37.000.
- Schmidt, Lawrence R.; and Lovgren, Eric M., to General Electric Company. Liquid monomer feed pipe for continuous extrusion polymerization. 4,511,535, 4-16-85, Cl. 422-137.000.
- Schmidt, Leon W.: *See—*
  - Nelson, Larry A.; and Schmidt, Leon W., 4,550,084, Cl. 436-45.000.
- Schmidt, Lothar; and Goebel, Ulrich, to Robert Bosch GmbH. Voltage divider in thin- or thick-film technology. 4,531,111, 7-23-85, Cl. 338-195.000.
- Schmidt, Manfred; Witman, Mark W.; Reinert, Gerard E.; and Lim, In C., to Mobay Chemical Corporation. Blowing agents for thermoplastic compositions. 4,500,653, 2-19-85, Cl. 521-90.000.
- Schmidt, Manfred; Bottenbruch, Ludwig; and Freitag, Dieter, to Bayer Aktiengesellschaft. Process for the preparation of thermoplastic aromatic polyphosphonatocarbonates with improved heat-aging resistance, and their use. 4,508,890, 4-2-85, Cl. 528-167.000.
- Schmidt, Manfred; Rathmann, Dietrich; and Reinking, Klaus, to Bayer Aktiengesellschaft. Mixtures of substituted diphenyl ethers with aromatic polyesters and polyester carbonates having an improved processibility. 4,517,328, 5-14-85, Cl. 524-370.000.
- Schmidt, Manfred; and Dicke, Hans-Rudolf, to Bayer Aktiengesellschaft. Thermotropic, wholly aromatic polyesters. 4,536,561, 8-20-85, Cl. 528-191.000.
- Schmidt, Manfred; Trube, Hans; and Pfeiffer, Martin, to Daimler-Benz Aktiengesellschaft. Windshield for motor vehicles equipped with a windshield wiper installation. 4,544,197, 10-1-85, Cl. 296-84.00R.
- Schmidt, Manfred: *See—*
  - Freitag, Dieter; Bottenbruch, Ludwig; and Schmidt, Manfred, 4,533,702, Cl. 525-439.000.
- Schmidt Manufacturing & Equipment (UK) Ltd.: *See—*
  - Duncan, Ian J., 4,490,874, Cl. 15-87.000.
- Schmidt, Martin; and Hattendorff, Horst D., to Dragerwerk Aktiengesellschaft. Optical multi-beam gas measuring apparatus. 4,536,090, 8-20-85, Cl. 356-414.000.
- Schmidt, Max-Gunther: *See—*
  - Larson, Ulf R.; and Schmidt, Max-Gunther, 4,522,589, Cl. 432-239.000.
- Schmidt, Michael J.: *See—*
  - Hazebrook, Daniel W.; Gehrke, Glenn F.; and Schmidt, Michael J., 4,511,346, Cl. 464-146.000.
- Schmidt, Nicholas F.: *See—*
  - Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,514,528, Cl. 523-120.000.
  - Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,518,721, Cl. 523-120.000.
  - Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,522,956, Cl. 523-120.000.
  - Dhabhar, Dadi J.; and Schmidt, Nicholas F., 4,530,942, Cl. 523-118.000.
- Schmidt, Norman B.: *See—*
  - DeBold, Terry A.; Magee, John H., Jr.; and Schmidt, Norman B., 4,554,028, Cl. 148-38.000.
- Schmidt, Otto. Dust exhaustor. 4,490,881, 1-1-85, Cl. 15-301.000.
- Schmidt, Otto H.: *See—*
  - Heine, Helmut A.; Rosenbusch, Helmut W.; and Schmidt, Otto H., 4,538,889, Cl. 351-205.000.
- Schmidt, Paul H.: *See—*
  - Forrest, Stephen R.; Kaplan, Martin L.; Schmidt, Paul H.; and Venkatesan, Thirumalai N. C., 4,511,445, Cl. 204-158.0HE.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. Compounds, processes and marking systems. 4,494,989, 1-22-85, Cl. 106-21.000.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. 3-[(substituted-amino)(thienyl)methyl]1H-indoles. 4,507,483, 3-26-85, Cl. 546-201.000.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. 5′/6′carboxyfluorans and derivatives thereof. 4,515,971, 5-7-85, Cl. 549-225.000.
- Schmidt, Paul J.; and Jefferies, Patrick J., to Hilton-Davis Chemical Co., The. Process for preparing 2-[bis(aryl)methyl]benzoic acids. 4,528,136, 7-9-85, Cl. 260-391.000.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. 3(ether and thioether) 3-(4-dialkylaminophenyl) phthalides. 4,535,172, 8-13-85, Cl. 549-310.000.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. Compounds, processes and marking systems. 4,539,579, 9-3-85, Cl. 346-218.000.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. Certain 4-substituted-2,6-bis(heteroaryl)pyridines. 4,540,790, 9-10-85, Cl. 546-283.000.
- Schmidt, Paul J.; and Hung, William M., to Hilton-Davis Chemical Co., The. Bis phenyl (2 carboxylic acid or ester indol-3-yl)methanes. 4,558,137, 12-10-85, Cl. 548-492.000.
- Schmidt, Paul R.; and Beall, Nelson J., to General Mills, Inc. Dispensing device. 4,491,252, 1-1-85, Cl. 222-531.000.
- Schmidt, Paul W., to Esco Corporation. Method and apparatus for quenching a torch-cut work-piece. 4,505,761, 3-19-85, Cl. 148-9.00R.
- Schmidt, Peter. Bathtub elevator. 4,557,002, 12-10-85, Cl. 4-564.000.
- Schmidt, Peter: *See—*
  - Jacoby, Hans-Dieter; and Schmidt, Peter, 4,501,527, Cl. 414-225.000.
- Schmidt, Peter C.: *See—*
  - Krug, Russell R.; and Schmidt, Peter C., 4,500,423, Cl. 208-161.000.
  - Reiff, Friedrich; Hartner, Hartmut; Basedow, Arno; Hugenbusch, Hans-Wolfgang; Schmidt, Peter C.; and Bardonner, Hans, 4,507,511, Cl. 568-852.000.
- Schmidt-Rabenau, Hartmut: *See—*
  - Gronholz, Claus; and Schmidt-Rabenau, Hartmut, 4,533,255, Cl. 366-108.000.
- Schmidt, Richard A.; and Tanagho, Emil A., to University of California, The Regents of the. Growing of long-term biological tissue correction structures in vivo. 4,520,821, 6-4-85, Cl. 128-334.00R.
- Schmidt, Richard B. Home ice cream and soft drink maker with automatic air injection. 4,491,064, 1-1-85, Cl. 99-323.100.
- Schmidt, Richard J.: *See—*
  - Ali Khan, Mir I.; and Schmidt, Richard J., 4,548,856, Cl. 428-171.000.
- Schmidt, Robert: *See—*
  - Forster, Heinz; Eue, Ludwig; and Schmidt, Robert, 4,540,827, Cl. 568-442.000.
- Schmidt, Robert C., Jr.; and Puletti, Paul P., to National Starch and Chemical Corporation. Disposable article constructions. 4,526,577, 7-2-85, Cl. 604-366.000.
- Schmidt, Robert H.: *See—*
  - Polad, Michael D.; Gerlach, LeRoy E.; and Schmidt, Robert H., 4,555,610, Cl. 219-121.0LA.
- Schmidt, Robert R., to Eastman Kodak Company. Highly active and efficient polyolefin catalyst. 4,525,551, 6-25-85, Cl. 526-116.000.
- Schmidt, Robert R.: *See—*
  - Forster, Heinz; Eue, Ludwig; and Schmidt, Robert R., 4,500,341, Cl. 71-92.000.
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  - Forster, Heinz; Klauke, Erich; Priesnitz, Uwe; Riebel, Hans-Jochem; Eue, Ludwig; and Schmidt, Robert R., 4,518,416, Cl. 71-94.000.
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  - Pfister, Theodor; Eue, Ludwig; Schmidt, Robert R.; and Hanssler, Gerd, 4,541,858, Cl. 71-86.000.
  - Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,517,011, Cl. 71-92.000.
  - Thomas, Rudolf; Draber, Wilfried; Schmidt, Robert R.; and Eue, Ludwig, 4,561,879, Cl. 71-92.000.
- Schmidt, Robert W., to Copar Corporation. Dripless valve. 4,516,702, 5-14-85, Cl. 222-514.000.
- Schmidt, Ronald E.; Schultz, Harold H.; and Wilson, Dennis M., to S. C. Johnson & Son, Inc. Bulk polymerization process for preparing high solids and uniform copolymers. 4,529,787, 7-16-85, Cl. 526-317.000.
- Schmidt, Ronald V.: *See—*
  - Rawson, Eric G.; Murray, Hallam G.; Schmidt, Ronald V.; and Stewart, Lawrence C., 4,531,238, Cl. 455-601.000.
- Schmidt, Rudiger: *See—*
  - Quittkat, Wolfram; Reuter, Gerhard; and Schmidt, Rudiger, 4,496,313, Cl. 432-14.000.
- Schmidt, Rudolf: *See—*
  - Cornely, Wolfgang; Esser, Heinz; and Schmidt, Rudolf, 4,510,180, Cl. 427-136.000.

  - Kotulla, Bernhard; Weiser, Martin; Faltin, Jurgen; Preis, Lothar; Schmidt, Rudolf; and Born, Eberhard, 4,501,516, Cl. 405-260.000.
- Schmidt-Ruppin, Karl H., to Kureha Chemical Industry Co., Ltd. Nasal preparation and processes for their production. 4,512,972, 4-23-85, Cl. 424-89.000.
- Schmidt, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, to Degussa Aktiengesellschaft. Aqueous suspension of bentonite and its use for coating thermal insulating. 4,529,630, 7-16-85, Cl. 427-397.700.
- Schmidt, Siegfried, to Buropatent AG. Isolating device for an opening traversed by conveyor cars. 4,497,254, 2-5-85, Cl. 104-1.00R.
- Schmidt, Stephen C.: *See—*
  - Moore, David S.; and Schmidt, Stephen C., 4,545,679, Cl. 356-301.000.
  - Moore, David S.; and Schmidt, Stephen C., 4,555,176, Cl. 356-301.000.
- Schmidt, Steven L.: *See—*
  - Dorey, John K., II; Schmidt, Steven L.; and Townsend, Wesley P., 4,537,799, Cl. 427-259.000.
- Schmidt, Ted F. Sprinkler device for a lawn chair. 4,548,357, 10-22-85, Cl. 239-289.000.
- Schmidt, Terrance L.; and Olson, Wayne L., to Rose Manufacturing Company. Locking snap hook. 4,528,728, 7-16-85, Cl. 24-241.00P.
- Schmidt, Terrance L.; and Olson, Wayne L., to Rose Manufacturing Company. Locking snap hook. 4,528,729, 7-16-85, Cl. 24-241.00P.
- Schmidt, Terrence W., to Lockheed Missiles & Space Company, Inc. High-speed semisubmerged ship maneuvering system. 4,552,083, 11-12-85, Cl. 114-61.000.
- Schmidt, Terrence W., to Lockheed Missiles & Space Company, Inc. Form stabilized low water plane area twin hull vessels. 4,557,211, 12-10-85, Cl. 114-61.000.
- Schmidt, Thomas, to Bayer Aktiengesellschaft. Process for preparing 3,4,6-trisubstituted 3-alkylthio-1,2,4-triazin-5-one derivatives. 4,544,744, 10-1-85, Cl. 544-182.000.
- Schmidt, Thomas, to Bayer Aktiengesellschaft. Process for preparing virtually isomer-free 4-amino-3-ethylthio-6-tert.-butyl-1,2,4,-triazin-5-one. 4,546,178, 10-8-85, Cl. 544-182.000.
- Schmidt, Thomas R., to Shell Oil Company. Fluid flow meter. 4,495,822, 1-29-85, Cl. 73-861.270.
- Schmidt, Thomas R., to Miles Laboratories, Inc. Acid soluble annatto colorant in a powdered form. 4,548,822, 10-22-85, Cl. 426-96.000.
- Schmidt, Timothy J., to General Safety Corporation. Combination seat belt retractor mechanism. 4,518,132, 5-21-85, Cl. 242-107.40A.
- Schmidt, Timothy J.; and Heintzleman, Ronald A., to General Safety Corporation. Dual mode seat belt retractor assembly. 4,555,075, 11-26-85, Cl. 242-107.40A.
- Schmidt, Torsten: *See—*
  - Meier zu Koecker, Heinz; Walter, Robert; and Schmidt, Torsten, 4,528,170, Cl. 423-245.000.
- Schmidt, V. Hugo. Piezoelectric wind generator. 4,536,674, 8-20-85, Cl. 310-330.000.
- Schmidt, Volker; and Schmidt, Erich A. Article transport apparatus. 4,540,111, 9-10-85, Cl. 227-8.000.
- Schmidt, Volker; and Schmidt, Erich A. Apparatus for forming cut segments of a selected length with at least one folded end. 4,561,365, 12-31-85, Cl. 112-121.270.
- Schmidt, Volker; and Schmidt, Erich A. Apparatus for holding a cut segment of a selected length. 4,561,366, 12-31-85, Cl. 112-121.270.
- Schmidt, Volkmar: *See—*
  - Arenhovel, Clemens; Much, Joachim; Onallah, Ali-Maher; and Schmidt, Volkmar, 4,547,142, Cl. 425-378.00R.
  - Commer, Johann; Neuhaus, Wulf-Dieter; and Schmidt, Volkmar, 4,502,230, Cl. 34-57.00E.
  - Cornils, Boy; Hibbel, Josef; Lieder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner, 4,523,036, Cl. 568-454.000.
  - Hibbel, Josef; Gerhardus, Ulrich; Schmidt, Volkmar; Lieder, Bernhard; Scheve, Heinrich; and Zerres, Erwin, 4,541,840, Cl. 48-63.000.
  - Lusch, Jurgen; Heinen, Heinrich; Lieder, Bernhard; Schmidt, Volkmar; and Kolodzey, Wolfgang, 4,526,588, Cl. 48-202.000.
- Schmidt, Wallace E.: *See—*
  - Bales, Michael E.; and Schmidt, Wallace E., 4,527,542, Cl. 126-299.00D.
- Schmidt, Walter R., to Teppichfabrik Karl Eybl Gesellschaft mbH. Right-left knitted pile fabric. 4,490,995, 1-1-85, Cl. 66-191.000.
- Schmidt, Werner; and Jahn, Franz, to MTU Motoren-und Turbinen-Union Munchen GmbH. Process for creating a support means for a component part to be reworked and/or repaired and a welding device obtained according to said process. 4,509,673, 4-9-85, Cl. 228-212.000.
- Schmidt, Werner, to Dynamit Nobel Aktiengesellschaft. Stable aqueous impregnating solutions prepared from hydrolyzed alkyltrialkoxysilanes. 4,517,375, 5-14-85, Cl. 556-463.000.
- Schmidt, Werner J.; Dijkshoorn, Willem; Stratmann, Wilhelm; and Vermaas, Leo F., to Lever Brothers Company. Margarine fat blend. 4,510,167, 4-9-85, Cl. 426-607.000.
- Schmidt, Wilfried: *See—*
  - Gochermann, Hans; Schmidt, Wilfried; Rasch, Klaus-Dieter; and Tentscher, Karl-Heinz, 4,540,843, Cl. 136-251.000.
- Schmidt, Wilhelm; Grunvogel, Karl; and Rubl, Lothar, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Device for sharp-edge illumination of an observation field lying in a preselectable plane. 4,529,264, 7-16-85, Cl. 350-96.200.
- Schmidt, Willi: *See—*
  - Franz, Hans-Joachim; Sadler, Karl-Otto; and Schmidt, Willi, 4,561,372, Cl. 114-74.00R.
- Schmidt, William P.; and Hutchinson, Franklin D. Fender mount for a mirror. 4,500,063, 2-19-85, Cl. 248-475.100.
- Schmidt, Willy: *See—*
  - Sadler, Karl O.; and Schmidt, Willy, 4,553,493, Cl. 114-1.000.
- Schmidt, Wolfgang; and Longo, Jose M., to Dornier System GmbH. Wing-sections, in particular aircraft lift-wing sections. 4,524,928, 6-25-85, Cl. 244-35.00R.
- Schmidt, Wolfgang: *See—*
  - Flaig, Ulrich; Fischer, Werner; Locher, Johannes; and Schmidt, Wolfgang, 4,541,271, Cl. 73-117.300.
  - Locher, Johannes; and Schmidt, Wolfgang, 4,520,419, Cl. 361-104.000.
- Schmidtlein, Hubertus; and Lerche, Horst-Dieter, to Vereinigte Flugtechnische Werke GmbH. Control system for aircraft. 4,514,733, 4-30-85, Cl. 343-5.0MM.
- Schmidtpott, Friedrich: *See—*
  - Flamm, Peter M.; Mlynek, Daniel; Schmidtpott, Friedrich; and Praxmarer, Alfred, 4,539,583, Cl. 358-27.000.
  - Freyberger, Laurin C.; Mlynek, Daniel; and Schmidtpott, Friedrich, 4,523,222, Cl. 358-27.000.
  - Sauer, Wolfgang; Schmidtpott, Friedrich; Schat, Hermanus; and Freyberger, Laurin C., 4,533,879, Cl. 331-1.00A.
- Schmidts, Klaus; Therolf, Dieter; and Weber, Ulrich, to Hoesch Aktiengesselschaft. Hydraulic press. 4,552,524, 11-12-85, Cl. 425-406.000.
- Schmidts, Kurt; and Schuett, Walter, to BASF Aktiengesellschaft. Tape cassette container. 4,527,690, 7-9-85, Cl. 206-387.000.
- Schmidts, Kurt; Feyh, Hans-Otto; and Mania, Max J., to BASF Aktiengesellschaft. Reel for tape-like material, especially magnetic tape. 4,560,114, 12-24-85, Cl. 242-71.800.
- Schmidts, Kurt: *See—*
  - Buerkle, Ottmar; Schmidts, Kurt; Schneider, Alfred; and Schuett, Walter, 4,530,475, Cl. 242-199.000.
  - Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, 4,515,331, Cl. 242-199.000.
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- Schmied, Helmut: *See—*
  - Bodig, Bernd; Hohne, Gerd; and Schmied, Helmut, 4,512,019, Cl. 371-12.000.
- Schmiedel, Manfred: *See—*
  - Von Gentzkow, Wolfgang; Schmiedel, Manfred; and Tussing, Reinhold, 4,550,204, Cl. 564-134.000.
- Schmieder, Heinrich: *See—*
  - Humbrecht, Remy; and Schmieder, Heinrich, 4,496,716, Cl. 528-295.000.
- Schmieder, Klaus; Paust, Joachim; Fischer, Rolf; and Weitz, Hans-Martin, to BASF Aktiengesellschaft. *ω,ω*-Diacyloxy-2,6-dimethyl-octatrienoates and -octatrienals, their preparation and their use for the synthesis of terpene compounds. 4,543,417, 9-24-85, Cl. 549-375.000.
- Schmieder, Klaus: *See—*
  - Horn, Dieter; Schmidt, Hans W.; Ditter, Walter; Hartmann, Horst; Lueddecke, Erik; and Schmieder, Klaus, 4,522,743, Cl. 252-311.000.
  - Lechtken, Peter; Mueller, Gerhard; and Schmieder, Klaus, 4,515,982, Cl. 560-125.000.
- Schmiedgen, Hans; Bernhardt, Siegfried; Strobl, Otto; and Menzel, Dietrich, to Spinnbau GmbH. Carder for manufacturing non-woven, formed fabric from fibrous substances. 4,523,350, 6-18-85, Cl. 19-98.000.
- Schmiegel, Walter W., to Du Pont de Nemours, E. I., and Company. Curable fluoropolymer containing aromatic amine. 4,496,682, 1-29-85, Cl. 524-545.000.
- Schminke, Wolfram, to BBC Brown, Boveri & Company, Limited. Coaxial RF matching transformer having line sections simultaneous adjustable while retaining a fix transformer line length. 4,532,483, 7-30-85, Cl. 333-34.000.
- Schmit, Jean P., to Universite de Sherbrooke. Process for the determination of isotopes by mass spectrometry. 4,529,879, 7-16-85, Cl. 250-282.000.
- Schmit, Justin M.; and Luoma, Eugene H., to Jeno's, Inc. Fried pizza product and process for preparing same. 4,551,337, 11-5-85, Cl. 426-94.000.
- Schmit, Justin M.: *See—*
  - Parson, Roger F.; Rosenquist, Kenneth G.; and Schmit, Justin M., 4,513,918, Cl. 241-101.400.
- Schmit, Patrick: *See—*
  - Triouleyre, Jean; Rousselin, Jean; Schmit, Patrick; and Gondry, Philippe, 4,510,785, Cl. 72-323.000.
- Schmitkons, Thomas A.: *See—*
  - Samuels, George J.; Schmitkons, Thomas A.; Streeter, Terry L.; and Murray, Royce W., 4,524,114, Cl. 429-42.000.
- Schmitt, Claude: *See—*
  - Merchant, Kamal; and Schmitt, Claude, 4,551,709, Cl. 340-347.0DA.
- Schmitt, Dallas L.; and Spencer, Kenneth E., to Lukens General Industries, Inc. Pedestal tie bar arrangement. 4,554,875, 11-26-85, Cl. 105-221.00R.
- Schmitt, Dallas L.: *See—*
  - Spencer, Kenneth E.; and Schmitt, Dallas L., 4,526,108, Cl. 105-182.00E.

Schmitt, Eugene W.: *See—*

Allen, Charles S.; Berg, Arthur A.; Schmitt, Eugene W.; Stoltenberg, Michael R.; and Lissau, Frederic, 4,544,132, Cl. 251-318.000.

Schmitt, Felix: *See—*

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Schmitt, Frederick L.: *See—*

Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,495,091, Cl. 252-522.00R.

Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,503,259, Cl. 568-382.000.

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Schmitt, George P.: *See—*

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Schmitt, Gunter K.: *See—*

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Schmitt, Gunther, to FAG Kugelfischer Georg Schafer & Co. Stationary spindle brake for spinning and twisting spindles. 4,522,021, 6-11-85, Cl. 57-88.000.

Schmitt, Hans-Georg; Palus, Wilfried; and Genth, Hermann, to Bayer Aktiengesellschaft. 3-(3-iodopropargyl)-benzo-1,2,3-triazin-4-ones, and their use in microbicidal agents. 4,520,023, 5-28-85, Cl. 514-241.000.

Schmitt, Hans-Georg; Reinecke, Paul; Paulus, Wilfried; Genth, Hermann; and Radt, Walter, to Bayer Aktiengesellschaft. Pesticidal iodopropargylammonium salts. 4,521,412, 6-4-85, Cl. 514-244.000.

Schmitt, Hans-Georg; Paulus, Wilfried; and Genth, Hermann, to Bayer Aktiengesellschaft. Trihaloallyl thiocyanates, a process for their preparation and their use in microbicidal agents. 4,545,994, 10-8-85, Cl. 514-514.000.

Schmitt, Hans-Georg: *See—*

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Schmitt, Jean-Claude: *See—*

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Schmitt, Josef, to Krup MaK Maschinenbau GmbH. Expelling mechanism for discharge tubes and drain tubes of submarines. 4,527,502, 7-9-85, Cl. 114-319.000.

Schmitt, Joseph M., to American Cyanamid Company. Treatment of acrylamide and related compounds. 4,536,326, 8-20-85, Cl. 252-400.00R.

Schmitt, Joseph M., to American Cyanamid Company. Purification of acrylonitrile. 4,555,367, 11-26-85, Cl. 260-465.900.

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Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,528,573, Cl. 346-108.000.

Behrens, Herbert; Marx, Rainer; and Schmitt, Jurgen, 4,532,526, Cl. 346-107.00R.

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Schmitt, Karl: *See—*

Eckhardt, Erich; Schmitt, Karl; Grone, Wolfgang; and Binev, Binio, 4,553,620, Cl. 180-6.480.

Schmitt, Karl-Heinz. Application of surfacing sheets to support members therefor. 4,539,065, 9-3-85, Cl. 156-475.000.

Schmitt, Karl-Heinz: *See—*

Henderson, Pieter M.; and Schmitt, Karl-Heinz, 4,539,066, Cl. 156-479.000.

Schmitt, Kirk D., to Mobil Oil Corporation. Polymeric pyrrolidinium methanesulfonate viscosifiers and method for manufacture. 4,504,622, 3-12-85, Cl. 525-61.000.

Schmitt, Kirk D., to Mobil Oil Corporation. Two-tailed surfactants having one aromatic containing tail and their use in chemical waterflooding. 4,517,128, 5-14-85, Cl. 260-458.00C.

Schmitt, Kirk D., to Mobil Oil Corporation. Substituted cyclic and heterocyclic methane sulfonates. 4,528,383, 7-9-85, Cl. 549-78.000.

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Schmitt, Kirk D., to Mobil Oil Corporation. Method for determining flow patterns in subterranean petroleum and mineral containing formations using organonitrogen tracers. 4,555,488, 11-26-85, Cl. 436-27.000.

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Schmitt, Marshall: *See—*

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Schmitt, Michel, to Lucas Industries Public Limited Company. Disc brake assembly for vehicles with interchangeable brake modules. 4,491,202, 1-1-85, Cl. 188-71.500.

Schmitt, Michel: *See—*

Dittmar, Andre; Delhomme, Georges; Pellissier, Jean-Pierre; and Schmitt, Michel, 4,528,991, Cl. 128-804.000.

Schmitt, Paul, to Haut Fourneau et Fonderies de Cousances aux Forgers, S.A. Vessel for cooking food with cooling lid. 4,539,899, 9-10-85, Cl. 99-347.000.

Schmitt, Paul M., to GTE Communications Products Corporation. Message alert system. 4,506,115, 3-19-85, Cl. 179-84.00C.

Schmitt, Paul M.: *See—*

Bielkevicius, Jonas R.; and Schmitt, Paul M., 4,554,541, Cl. 340-825.680.

Schmitt, Peter C.: *See—*

Cannon, Lee E.; Schmitt, Peter C.; and Cheever, Dan R., 4,553,080, Cl. 318-696.000.

Schmitt, Peter D.: *See—*

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Schmitt, Reinhold; Herbert, Manfred; and Baur, Walter, to Rovema Verpackungsmaschinen GmbH & Co. KG. Conveyor apparatus, in particular for use in packaging plants. 4,558,779, 12-17-85, Cl. 198-627.000.

Schmitt, Reinhold: *See—*

Feuerbaum, Hans-Peter; and Schmitt, Reinhold, 4,539,477, Cl. 250-310.000.

Schmitt, Robert F. System for conditioning air. 4,505,328, 3-19-85, Cl. 165-53.000.

Schmitt, Steven F.: *See—*

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Schmitt, Walter, to Dr. Johannes Heidenhain GmbH. System for identifying reference marks in a path measuring device. 4,519,140, 5-28-85, Cl. 33-125.00C.

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Schmitt, Werner; Purrmann, Robert; Jochum, Peter; Hubner, Heinz-Joachim; and Burger, Bernd, to Espe Fabrik pharmazeutischer Praparate Gesellschaft mit beschrankter Haftung. 1,2,6-thiadiazine-3,5-dione-1,1-dioxides. 4,544,742, 10-1-85, Cl. 544-8.000.

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Bronstert, Klaus; Nickl, Johann; Krause, Hans-Joachim; and Schmitt, Werner, 4,558,104, Cl. 526-65.000.

Schmitz, Alfons, to Wilhelm Brenneke KG. Gun cartridge. 4,538,520, 9-3-85, Cl. 102-439.000.

Schmitz, Alfred: *See—*

Halberschmidt, Friedrich; Reinmold, Heinz-Josef; Schmitz, Alfred; and Mund, Heinz, 4,519,167, Cl. 51-165.770.

Schmitz, Anthony N.; and Clark, Raymond N., to RCA Corporation. Audio-visual diplexed television transmitter in which the aural signal can be multiplexed without switching. 4,491,871, 1-1-85, Cl. 358-186.000.

Schmitz, Anton: *See—*

Thoma, Wilhelm; Langel, Rolf; Schmitz, Anton; and Schroer, Walter, 4,507,413, Cl. 524-42.000.

Schmitz, Charles J., to Motorola, Inc. Control system for a radio-controlled door operator. 4,491,774, 1-1-85, Cl. 318-282.000.

Schmitz, Gerd: *See—*

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Schmitz, Gunter: *See—*

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Schmitz, Gunther, to Taprogge Gesellschaft mbH. Cleaning elements for inside cleaning of the tubes of tube-type heat exchangers and method of manufacturing same. 4,550,466, 11-5-85, Cl. 15-104.06R.

Schmitz, Heinz, to Rose Verpackungsmaschinenfabrik Theegarten. Method and apparatus for forming and wrapping objects of a soft mass. 4,543,769, 10-1-85, Cl. 53-450.000.

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Barnert, Eike; and Schmitz, Heinz, 4,495,215, Cl. 427-6.000.

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- Schmitz, Reinold: *See—*
  - Schutze, Detlef-Ingo; Schmitz, Reinold; and Wunderlich, Klaus, 4,555,580, Cl. 549-52.000.
- Schmitz, Walter: *See—*
  - Behrens, Gunter; Schmitz, Walter; Kitzer, Peter; and Rusch, Dieter, 4,555,585, Cl. 136-245.000.
- Schmitz, Willard H.: *See—*
  - Striegel, William H.; and Schmitz, Willard H., 4,512,042, Cl. 4-496.000.
- Schmitz, William E., to Westinghouse Electric Corp. Stepper motor door control apparatus and method. 4,511,832, 4-16-85, Cl. 318-685.000.
- Schmitz, Wimmar: *See—*
  - Pav, Josef; Schmitz, Wimmar; and Wenzel, Reinhard, 4,498,383, Cl. 100-162.00B.
- Schmitz, Wolfgang. Permanent wave curler. 4,546,781, 10-15-85, Cl. 132-31.00R.
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- Schmoger, Gerhard: *See—*
  - Lindner, Horst J.; Ufer, Peter P.; Heck, Klaus; and Schmoger, Gerhard, 4,504,370, Cl. 204-129.100.
- Schmolka, Irving R., to BASF Wyandotte Corporation. Aerosol gel. 4,495,168, 1-22-85, Cl. 424-45.000.
- Schmolka, Irving R., to BASF Wyandotte Corporation. Aerosol gel shaving cream. 4,495,169, 1-22-85, Cl. 424-47.000.
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  - Post, Helmut, 4,494,284, Cl. 29-123.000.
- Schmolzer, Gerhard: *See—*
  - Schipfer, Rudolf; and Schmolzer, Gerhard, 4,523,007, Cl. 528-227.000.
- Schmoock, Roy F., to Fischer & Porter Company. Flangeless electromagnetic flowmeter. 4,497,212, 2-5-85, Cl. 73-861.120.
- Schmook, John. Apparatus for rotating a container. 4,561,822, 12-31-85, Cl. 414-422.000.
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  - Burke, Thomas W.; Welch, Robert A.; Schmoyer, Kevin S.; and Bauman, Bernard D., 4,554,025, Cl. 134-17.000.
- Schmuck, Johann. Piston machine. 4,509,474, 4-9-85, Cl. 123-192.00B.
- Schmuck, Klaus: *See—*
  - Klug, Lothar; and Schmuck, Klaus, 4,555,900, Cl. 57-355.000.
- Schmuck, Phillip W.; Salerni, John V.; and Wetzel, Rodney J., to Baker International Corporation. One trip perforating and gravel pack system. 4,540,051, 9-10-85, Cl. 166-278.000.
- Schmukler, Seymour: *See—*
  - Adur, Ashok M.; Schmukler, Seymour; Maconis, John, Jr.; and Shida, Mitsuzo, 4,537,836, Cl. 428-522.000.
- Schmutz, Karl: *See—*
  - Fosco, Guido; and Schmutz, Karl, 4,507,623, Cl. 331-154.000.
- Schmutz, Michel: *See—*
  - Gerber, Hermann; and Schmutz, Michel, 4,532,444, Cl. 310-41.000.
- Schmutz, Paul; and Angliker, Hans-Jorg, to Ciba-Geigy AG. Process for the preparation of monoaminoanthraquinones. 4,549,989, 10-29-85, Cl. 260-378.000.
- Schnabel Foundation Company: *See—*
  - Weatherby, David E., 4,561,804, Cl. 405-262.000.
- Schnabel, Rolf; Kissau, Gerd; Weitz, Hans-Martin; and Fischer, Rolf, to BASF Aktiengesellschaft. Preparation of diacyloxybutenes. 4,504,676, 3-12-85, Cl. 560-244.000.
- Schnabel, Rolf; and Weitz, Hans M., to BASF Aktiengesellschaft. Continuous separation of maleic anhydride from gaseous reaction mixtures. 4,562,283, 12-31-85, Cl. 560-204.000.
- Schnabel, Wilhelm J.: *See—*
  - O'Connor, James M.; and Schnabel, Wilhelm J., 4,496,684, Cl. 524-591.000.
  - O'Connor, James M.; Kraus, Theodore C.; and Schnabel, Wilhelm J., 4,522,975, Cl. 524-702.000.
- Schnabel, Wolfram: *See—*
  - Asmussen, Frithjof; Sotobayashi, Hideto; Chen, Jiang-Tsun; and Schnabel, Wolfram, 4,551,414, Cl. 430-270.000.
  - Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.
  - Hirsch, Martin; Schnabel, Wolfram; Sauer, Harald; and Schmidt, Hans-Werner, 4,539,188, Cl. 423-210.000.
- Schnable, George L.; and Wu, Chung P., to RCA Corporation. Method of forming semiconductor contacts by implanting ions of neutral species at the interfacial region. 4,502,206, 3-5-85, Cl. 29-576.00B.
- Schnacke, Arthur W., to United States of America, Energy. Fuel cell stack with internal manifolds for reactant gases. 4,510,213, 4-9-85, Cl. 429-36.000.
- Schnadig Corporation: *See—*
  - Webb, Kenneth L., Jr., 4,559,683, Cl. 29-91.100.
- Schnaibel, Eberhard: *See—*
  - Ackermann, Fritz; and Schnaibel, Eberhard, 4,505,368, Cl. 192-0.092.
  - Junginger, Erich; Rittsmannsberger, Norbert; and Schnaibel, Eberhard, 4,509,628, Cl. 192-0.094.
- Schnall, Gunther: *See—*
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  - Mullritter, Ludwig; Schnall, Gunther; and Fruth, Franz, 4,515,356, Cl. 270-53.000.
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- Schnapper, Martin; and Hufendiek, Ernst W., to Daimler-Benz Aktiengesellschaft. Method for controlling the fuel metering for an internal combustion engine. 4,523,562, 6-18-85, Cl. 123-357.000.
- Schnapper, Martin: *See—*
  - Sternberg, Rudolf; and Schnapper, Martin, 4,513,701, Cl. 123-188.0AA.
- Schnathorst, Vernon K., to NCR Corporation. Priority interrupt system for microcomputer. 4,523,277, 6-11-85, Cl. 364-200.000.
- Schnaus, Martin: *See—*
  - Ziegler, Hans; Henze, Siegfried; Dippert, Rainer; Schnaus, Martin; and Golda, Horst, 4,493,234, Cl. 83-175.000.
- Schneberger, Ronald W.: *See—*
  - Rauch, Cloyd D., III; and Schneberger, Ronald W., 4,518,275, Cl. 402-80.00P.
- Schneck, Hans; and Tiitinen, Esko, to A. Ahlstrom Osakeyhtio. Method and apparatus for packaging paper rolls. 4,534,151, 8-13-85, Cl. 53-415.000.
- Schneck, James C.; and Ford, Patrick J., to Red Arrow Products Company Inc. Method of coating a shirred casing strand with smoke flavor. 4,504,500, 3-12-85, Cl. 426-265.000.
- Schneckenburger, Gerhard: *See—*
  - Goedecke, Wolf-Dieter; Schneckenburger, Gerhard; and Schwenzer, Reinhard, 4,524,804, Cl. 137-625.640.
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- Schnedecker, Guy; and Mougin, Jacques, to Commissariat a l'Energie Atomique. Process for sealing at least one end of a cellular module. 4,518,635, 5-21-85, Cl. 427-232.000.
- Schnee, Edward: *See—*
  - di Ricco, Leo; Schnee, Edward; Stefanini, Zorro; and Frew, Duncan W., 4,547,534, Cl. 523-324.000.
- Schnee, Gunther: *See—*
  - Burger, Arnulf; Scharff, Karl-Heinz; Geiger, Kurt; Schnee, Gunther; and Pieper, Hartwig, 4,536,909, Cl. 15-4.000.
- Schnee, Reiner; and Masanek, Jurgen, to Rohm GmbH. Process for making an emulsion polymer. 4,521,552, 6-4-85, Cl. 523-313.000.
- Schnee, Reiner: *See—*
  - Kramer, Dieter; Pennewiss, Horst; Plainer, Hermann; Schnee, Reiner; and Schleier, Waldemar, 4,511,694, Cl. 525-54.100.
- Schneeberger, Rudolf, to Rieter Machine Works, Ltd. Package ejector mechanism. 4,557,424, 12-10-85, Cl. 242-41.000.
- Schnegg, Anton: *See—*
  - Jacob, Herbert; Rurlander, Robert; and Schnegg, Anton, 4,539,221, Cl. 427-53.100.
- Schnegg, Julius R., to Burlington Industries, Inc. Woven-like warp knit fabric with tension control for top effect yarn. 4,520,636, 6-4-85, Cl. 66-192.000.
- Schneider, Alfred, to Siemens Aktiengesellschaft. Circuit arrangement for centrally-controlled telecommunication exchange systems, particularly for time-division multiplex telephone exchange systems, with information exchange between PBX devices. 4,499,461, 2-12-85, Cl. 340-825.030.
- Schneider, Alfred: *See—*
  - Buerkle, Ottmar; Schmidts, Kurt; Schneider, Alfred; and Schuett, Walter, 4,530,475, Cl. 242-199.000.
  - Eibner, Robert; Nolle, Hans-Heinrich; Schneider, Alfred; and Kohl, Wilhelm, 4,525,197, Cl. 71-11.000.
- Schneider, Andre, to Compagnie Generale des Etablissements Michelin. Riders for trapezoidal drive belt. 4,501,578, 2-26-85, Cl. 474-201.000.
- Schneider, Arthur, to Volkswagenwerk Aktiengesellschaft. Apparatus for obtaining an information on the motion of a moving element, preferably for rotational speed of a rotating element in an automobile. 4,536,708, 8-20-85, Cl. 324-174.000.
- Schneider, Barbara, to Gamma Medical Products, Inc. Method and apparatus for selective removal of constituents of blood. 4,512,763, 4-23-85 Cl. 604-5.000.
- Schneider, Barry L., to Hollister Incorporated. Access port forming device and method. 4,530,525, 7-23-85, Cl. 285-200.000.
- Schneider, Bernard: *See—*
  - Jupin, Alain; and Schneider, Bernard, 4,527,700, Cl. 215-32.000.
- Schneider, Bernhard; and Menges, Horst, to Rheinmetall GmbH. Stepwise double-cartridge-alternate feeder for an automatic weapon having a straight breech operation. 4,505,181, 3-19-85, Cl. 89-33.040.
- Schneider, Bernhard: *See—*
  - Post, Lothar; and Schneider, Bernhard, 4,494,329, Cl. 42-1.00D.
  - Post, Lothar; and Schneider, Bernhard, 4,508,006, Cl. 89-24.000.
- Schneider, Bruce H.: *See—*
  - Schneider, Charles; Schneider, Bruce H.; and Schneider, Jerry S., 4,497,269, Cl. 112-262.300.
- Schneider, Charles; Schneider, Bruce H.; and Schneider, Jerry S. Method of making aesthetic quilting. 4,497,269, 2-5-85, Cl. 112-262.300.
- Schneider, Claus; Walther, Gerhard; Weber, Karl-Heinz; Bechtel, Wolf D.; and Boke-Kuhn, Karin, to Boehringer Ingelheim KG. 4-phenyl-4,5,6,7-tetrahydro-thieno[2,3-c]pyridines and salts thereof, compositions and use. 4,550,106, 10-29-85, Cl. 514-212.000.

Schneider, Claus: *See—*
  Walther, Gerhard; Schneider, Claus; Weber, Karl-Heinz; and Fugner, Armin, 4,503,060, Cl. 514-214.000.
Schneider, Clayton E., Jr.: *See—*
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Schneider, Daniel E. QREEG process matrix synchronizer system. 4,495,950, 1-29-85, Cl. 128-670.000.
Schneider, Daniel J.; and Reiter, Jeffrey S., to Standard Oil Company (Indiana). Heating foam container in unrestricted state to increase stiffness. 4,547,412, 10-15-85, Cl. 428-35.000.
Schneider, David A.: *See—*
  Payne, Thomas R.; and Schneider, David A., 4,493,980, Cl. 219-450.000.
Schneider, David E., to Great Bend Manufacturing Co., Inc. Quick attach tractor mounting assembly for agricultural dozer and loader implement. 4,554,978, 11-26-85, Cl. 172-247.000.
Schneider, Donna. Works of visual and sculptural art and methods of making them. 4,546,019, 10-8-85, Cl. 428-13.000.
Schneider, Earl: *See—*
  McArdle, Francis H.; and Schneider, Earl, 4,542,567, Cl. 29-156.80R.
  McArdle, Francis H.; and Schneider, Earl, 4,543,040, Cl. 416-134.00A.
Schneider, Earl L. Broom handle holding attachment for an industrial broom. 4,499,626, 2-19-85, Cl. 15-146.000.
Schneider, Egon, to Krones AG Hermann Kronseder Maschinenfabrik. Labeling machine. 4,512,842, 4-23-85, Cl. 156-357.000.
Schneider, Egon: *See—*
  Kronseder, Hermann; and Schneider, Egon, 4,496,040, Cl. 198-434.000.
  Losel, Georg; and Schneider, Egon, 4,512,785, Cl. 55-204.000.
Schneider, Erich: *See—*
  Ratzel, Rudiger; and Schneider, Erich, 4,547,718, Cl. 318-568.000.
Schneider, Franz; and Ruhl, Rolf, to L. Schuler GmbH. Numerically controlled groove-stamping machine. 4,516,447, 5-14-85, Cl. 83-71.000.
Schneider, Friedrich: *See—*
  Gnadig, Gerhard; Przybylla, Fritz; and Schneider, Friedrich, 4,497,358, Cl. 164-80.000.
  Tautzenberger, Peter; Schneider, Friedrich; and Stoeckel, Dieter, 4,554,027, Cl. 148-11.50R.
Schneider, Georg, to Koenig & Bauer Aktiengesellschaft. Ink fountain dividing key. 4,513,662, 4-30-85, Cl. 101-207.000.
Schneider, Georg: *See—*
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Schneider, George N., Jr.: *See—*
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Schneider, George W., Jr, to Singer Company, The. Metered gas volume correcting arrangement. 4,498,346, 2-12-85, Cl. 73-861.010.
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  Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,509,972, Cl. 71-92.000.
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Schneider, Gottfried: *See—*
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  Landwehrkamp, Hans; and Schneider, Gottfried, 4,501,221, Cl. 118-78.000.
  Landwehrkamp, Hans; Schneider, Gottfried; and Pohn, Johann, 4,505,102, Cl. 57-408.000.
Schneider, Hansjorg: *See—*
  Bruttel, Beat; Schneider, Hansjorg; and Dorfel, Werner H., 4,560,747, Cl. 534-887.000.
Schneider, Hartmut, to Siemens Aktiengesellschaft. Process for producing a glass body. 4,547,210, 10-15-85, Cl. 65-2.000.
Schneider, Hartmut; and Lebetzki, Egon, to Siemens Aktiengesellschaft. Doped glass and process for making. 4,557,561, 12-10-85, Cl. 350-96.340.
Schneider, Heinrich; and Hammerschmidt, Johann, to Chemie Linz Aktiengesellschaft. Preparation of improved thermoplastic spun fleeces. 4,497,097, 2-5-85, Cl. 28-112.000.
Schneider, Heinz: *See—*
  Deppe, Gerd-Joachim; Ettwig, Hans H.; Schneider, Heinz; and Hof, Wolfram, 4,559,819, Cl. 73-159.000.
Schneider, Heinz-Walter; and Kummer, Rudolf, to BASF Aktiengesellschaft. Preparation of 4-pentenoates. 4,529,815, 7-16-85, Cl. 560-205.000.
Schneider, Heinz-Walter; Richter, Wolfgang; Disteldorf, Walter; and Kummer, Rudolf, to BASF Aktiengesellschaft. Preparation of pure monoesters of adipic acid. 4,537,987, 8-27-85, Cl. 560-193.000.
Schneider, Heinz-Walter; Kummer, Rudolf; and Zimmerling, Dieter, to BASF Aktiengesellschaft. Isolation of methyl 4-pentenoate from mixtures containing this and methyl 3-pentenoate. 4,561,942, 12-31-85, Cl. 203-96.000.
Schneider, Heinz-Walter: *See—*
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  Platz, Rolf; Kummer, Rudolf; Schneider, Heinz-Walter; and Schwirten, Kurt, 4,550,195, Cl. 560-206.000.
Schneider, Helmut: *See—*
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Schneider, Herbert A., to AT&T Bell Telephone Laboratories. Precision current mirror arrays. 4,523,140, 6-11-85, Cl. 323-315.000.
Schneider, Irwin, to United States of America, Navy. Color center laser, material, and method of lasing. 4,519,082, 5-21-85, Cl. 372-42.000.
Schneider, Jack H.; and Huber, Gary D., to Ford Motor Company. Vehicle speed control. 4,549,266, 10-22-85, Cl. 364-426.000.
Schneider, Jerry S.: *See—*
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Schneider, John C. Liquid-liquid extraction process. 4,545,901, 10-8-85, Cl. 210-634.000.
Schneider, John C., to Northern Telecom Limited. Standby power supply. 4,560,887, 12-24-85, Cl. 307-66.000.
Schneider, John R.; and Mangione, Joseph F., to Schneider, John R. Horizontal plate filter with self-aligning plates. 4,495,071, 1-22-85, Cl. 210-230.000.
Schneider, Josef: *See—*
  Hoffmann, Erwin; and Schneider, Josef, 4,527,442, Cl. 74-411.500.
Schneider, Juergen: *See—*
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Schneider, Jurgen: *See—*
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  Schenker, Achim; Schutz, Jurgen; and Schneider, Jurgen, 4,491,480, Cl. 106-90.000.
Schneider, Karl-Heinz: *See—*
  Schulze, Hans-Horst; Loweg, Heribert; and Schneider, Karl-Heinz, 4,501,044, Cl. 15-312.00R.
Schneider, Karl U.: *See—*
  Elter, Claus; Schneider, Karl U.; Schoning, Josef; Stach, Heinrich; and Stracke, Wilfried, 4,504,439, Cl. 376-391.000.
Schneider, Kurt; Heide, Wilfried; Hartmann, Juergen; and Hartmann, Heinrich, to BASF Aktiengesellschaft. Preparation of concentrated aqueous solutions of quaternization products of tertiary aminoalkyl esters or tertiary aminoalkylamides of acrylic or methacrylic acid. 4,520,210, 5-28-85, Cl. 560-222.000.
Schneider, Lee A., to M. A. Ford Mfg. Co., Inc. Drill. 4,561,813, 12-31-85, Cl. 408-230.000.
Schneider, Linda G.: *See—*
  Kessick, Michael A.; George, Zacharia M.; and Schneider, Linda G., 4,521,382, Cl. 423-68.000.
  Kessick, Michael A.; George, Zacharia M.; and Schneider, Linda G., 4,521,383, Cl. 423-68.000.
Schneider, Lutz; and Guigas, Bruno, to Bruker Analytische Messtechnik GmbH. Device for data acquisition. 4,514,822, 4-30-85, Cl. 364-900.000.
Schneider, Manfred; Deubel, Reinhold; and Zimmermann, Manfred, to Hoechst Aktiengesellschaft. Pigment formulation, a process for its preparation, and its use. 4,543,380, 9-24-85, Cl. 524-159.000.
Schneider, Manfred; Barth, Gerhard; Barth, Johannes; and Neubert, Wolfgang, to VEB Kombinat Textima. Card clothing for carding segments of a carding machine. 4,553,288, 11-19-85, Cl. 19-113.000.
Schneider, Marshall, to Hallmark Cards, Inc. Combination easel hinge and hanging device. 4,515,338, 5-7-85, Cl. 248-460.000.
Schneider, Martin V.: *See—*
  Carlson, Eric R.; and Schneider, Martin V., 4,521,755, Cl. 333-244.000.
  Cho, Alfred Y.; Glance, Bernard; Lubzens, Daniel; and Schneider, Martin V., 4,534,103, Cl. 29-571.000.
Schneider, Marvin L.: *See—*
  Windish, Willis E.; and Schneider, Marvin L., 4,560,034, Cl. 188-72.300.
Schneider, Michael; Kochloefl, Karel; and Ladebeck, Jurgen, to Sud Chemie Aktiengesellschaft. Catalyst for methanol synthesis and method of preparing the catalyst. 4,535,071, 8-13-85, Cl. 502-342.000.
Schneider, Michael J., to Bendix Corporation, The. Unit injector. 4,494,696, 1-22-85, Cl. 239-90.000.
Schneider, Michael J., to Bendix Corporation, The. Diesel fuel system. 4,503,825, 3-12-85, Cl. 123-446.000.
Schneider, Michael J., to Allied Corporation. Diesel fuel injector with double dump configuration. 4,538,576, 9-3-85, Cl. 123-446.000.
Schneider-Muro, Karl W. Stitching device. 4,522,324, 6-11-85, Cl. 223-102.000.
Schneider, Norbert: *See—*
  Kohl, Albert; Schneider, Norbert; Ley, Gregor; Balz, Werner; Melzer, Milena; and Jakusch, Helmut, 4,507,457, Cl. 427-48.000.
Schneider, Otto, to Maag Gear-Wheel & Machine Company Limited. Method and arrangement for the evaluation of signals from an ultrasonic displacement path measuring system. 4,510,587, 4-9-85, Cl. 367-118.000.
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Schneider, Paul E., Sr. Therapeutic support means. 4,539,977, 9-10-85, Cl. 128-68.000.
Schneider, Philip H.; Weber, William J.; and Massaro, Thomas A. Insulin infusion pump. 4,498,843, 2-12-85, Cl. 417-22.000.

- Schneider, Richard C.: *See—*
  - Sonu, Gene H.; and Schneider, Richard C., 4,531,165, Cl. 360-65.000.
- Schneider, Richard L.: *See—*
  - Stallings, Charles H., Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.
- Schneider, Roland; Warolin, Christian and Bigg, Dennis, to Synthelabo. Piperidine derivatives, their preparation and pharmaceutical compositions containing them. 4,529,730, 7-16-85, Cl. 514-319.000.
- Schneider, Rudolf, to Ateliers des Charmilles, S.A. Process and mechanism for threading the electrode wire of an EDM apparatus. 4,547,647, 10-15-85, Cl. 219-69.00W.
- Schneider, Rudolf, to Zahnradfabrik Friedrichshafen AG. Rapid-stop torque-transmitting device. 4,553,653, 11-19-85, Cl. 192-18.00B.
- Schneider, Rudolf: *See—*
  - Reiss, Gerald; and Schneider, Rudolf, 4,550,514, Cl. 38-77.810.
- Schneider, Stanley: *See—*
  - Bielinski, Ralph F.; Chacon, M. Frank; Kramer, Dennis M.; Mathias, William R.; and Schneider, Stanley, 4,538,199, Cl. 361-93.000.
- Schneider, Steven L.; and Dravnieks, Konstantins, to Wehr Corporation. Energy recovery ventilator. 4,513,809, 4-30-85, Cl. 165-54.000.
- Schneider, Thomas C.: *See—*
  - Euverard, Maynard R.; Diver, James J.; and Schneider, Thomas C., 4,522,292, Cl. 198-374.000.
- Schneider, Thomas E.; and Funcik, Jack F., to Molex Incorporated. Electrical harness fabrication method and apparatus. 4,492,023, 1-8-85, Cl. 29-861.000.
- Schneider, Walter; Ebert, Klaus-Peter; and Otto, Konrad, to Kennecott Corporation. Lined gasket or sealing insert and method of making same. 4,540,183, 9-10-85, Cl. 277-1.000.
- Schneider, Walter: *See—*
  - Holbein, Hans-Jurgen; Leiderer, Paul; and Schneider, Walter, 4,504,357, Cl. 162-123.000.
- Schneider, Warren P.: *See—*
  - Patterson, Billy R.; and Schneider, Warren P., 4,508,375, Cl. 285-334.000.
- Schneider, Werner; Pangritz, Dirk; and Riedesser, Walter, to B.A.T. Cigaretten-Fabriken GmbH. Cigarette paper. 4,548,677, 10-22-85, Cl. 162-139.000.
- Schneider, Wesley. Liquid storage and delivery system for protective mask. 4,505,310, 3-19-85, Cl. 141-114.000.
- Schneider, Wilfried, to Siemens Aktiengesellschaft. Installation for cooling a fuel element storage well with several water circuits. 4,534,931, 8-13-85, Cl. 376-272.000.
- Schneider, Wilhelm; and Seidel, Hans-Georg, to Heye, Hermann. Transfer station for a glass-forming machine. 4,528,018, 7-9-85, Cl. 65-260.000.
- Schneider, Wilhelm, to Deutsche Perrot-Bremse GmbH. Hydraulically operable brake, in particular, a servo brake. 4,533,022, 8-6-85, Cl. 188-18.00R.
- Schneider, William A., to Owens-Corning Fiberglas Corporation. Glass fiber reinforced resin tank with particular joint structure. 4,552,281, 11-12-85, Cl. 220-5.00A.
- Schneider, William C., to Alco Foodservice Equipment Company. Variable timing system for toasters and similar appliances. 4,510,376, 4-9-85, Cl. 219-492.000.
- Schneider, William P., to Upjohn Company, The. Derivatives of leukotrienes A and C. 4,537,723, 8-27-85, Cl. 260-400.000.
- Schneider, William R.; and Smith, Robert B., to Gas Research Institute. Blind side sealer apparatus and method. 4,509,243, 4-9-85, Cl. 29-402.020.
- Schneider, Wolfgang; and Lenczyk, John P., to B. F. Goodrich Company, The. Process for scavenging free chlorine in an ethylene dichloride stream. 4,547,599, 10-15-85, Cl. 570-241.000.
- Schneider, Wolfgang: *See—*
  - Dreher, Bernd; and Schneider, Wolfgang, 4,552,815, Cl. 428-415.000.
- Schneider, Wolfger; and Johns, Richard J., to Johns Hopkins University, The. Portable pH data collector. 4,546,436, 10-8-85, Cl. 364-415.000.
- Schneiderman, Gary: *See—*
  - Miles, Clive; and Schneiderman, Gary, 4,551,131, Cl. 604-31.000.
- Schneiderman, Gary E.: *See—*
  - Withers, Stanley J.; Schneiderman, Gary E.; and Little, William M., Jr., 4,524,776, Cl. 128-644.000.
- Schneiderman, Max, to IPCO Corporation. Electrosurgical unit. 4,498,475, 2-12-85, Cl. 128-303.140.
- Schneidmiller, Rodney G. Insect trap selective for wasps. 4,551,941, 11-12-85, Cl. 43-107.000.
- Schneiter, Ali; Fluckiger, Jean-Frederic; and Curchod, Anne, to Asulab S.A. Electro-acoustic transducer. 4,504,703, 3-12-85, Cl. 179-102.000.
- Schneiter, Fred E.; and McDonald, Allan J., to Morton Thiokol, Inc. Gas generant for air bag inflators. 4,547,235, 10-15-85, Cl. 149-35.000.
- Schnell, Albert C.: *See—*
  - Daniels, Ben G.; Hall, Nicholas E.; Naples, Daniel F.; and Schnell, Albert C., 4,559,760, Cl. 53-314.000.
- Schnell, Axel, to U.S. Philips Corporation. Ceramic bistable deflection element. 4,533,849, 8-6-85, Cl. 310-330.000.
- Schnell, Axel: *See—*
  - Hennings, Detlev; Schnell, Axel; and Schreinemacher, Herbert, 4,551,269, Cl. 252-520.000.
- Schnell, Hans, to Escher Wyss GmbH. Stirrer apparatus for paper stock. 4,552,462, 11-12-85, Cl. 366-280.000.
- Schnell, Hans: *See—*
  - Wenske, Rolf; Schnell, Hans; and Mirsberger, Peter, 4,491,521, Cl. 210-401.000.
- Schnell, Heinrich. Apparatus for winding bolts of cloth or the like. 4,500,044, 2-19-85, Cl. 242-56.00A.
- Schnell, Joachim. Spring-action running and jumping shoe. 4,534,124, 8-13-85, Cl. 36-114.000.
- Schnell, Josef. Exercise machine. 4,494,751, 1-22-85, Cl. 272-117.000.
- Schnell, Leonard R.: *See—*
  - Grone, Robert J.; Schnell, Leonard R.; and Vearil, Wayne L., 4,557,783, Cl. 156-257.000.
- Schnell, Peter; Bihlmayer, Gustav; and Daume, Dietrich, to Chemie Linz Aktiengesellschaft. Process and apparatus for the continuous production of single-ply or multi-ply webs of heat-curable resin. 4,543,145, 9-24-85, Cl. 156-231.000.
- Schnell, William J.: *See—*
  - Fentress, Philip W.; Kenley, Rodney S.; and Schnell, William J., 4,552,721, Cl. 422-28.000.
- Schnell, Wolfgang: *See—*
  - Hildel, Heinz; Schnell, Wolfgang; and Westphal, Gerald, 4,534,668, Cl. 400-477.000.
- Schnelle, Eberhard; Jung, Hans-Ulrich; and Hetzel, Werner, to Stierlen-Maquet AG. Operating table. 4,552,346, 11-12-85, Cl. 269-322.000.
- Schneller, Robert F. Roofing edge seaming apparatus. 4,545,847, 10-8-85, Cl. 156-579.000.
- Schnellmann, Klaus, to Stapex AG. Lever-actuated tongs. 4,545,234, 10-8-85, Cl. 72-410.000.
- Schnellmann, Oscar. Mixer with slotted rotor and cleaner therefor. 4,544,277, 10-1-85, Cl. 366-78.000.
- Schnettler, Richard A.; Dage, Richard C.; and Grisar, J. Martin, to Merrell Dow Pharmaceuticals Inc. Pyrrole-3-carboxylate cardiotonic agents. 4,560,700, 12-24-85, Cl. 514-423.000.
- Schnettler, Richard A.: *See—*
  - Dage, Richard C.; and Schnettler, Richard A., 4,552,880, Cl. 514-277.000.
  - Grisar, J. Martin; Schnettler, Richard A.; and Dage, Richard C., 4,526,981, Cl. 548-321.000.
- Schnetzka, Harold R.; Wills, Frank E.; and Norbeck, Dean K., to Borg-Warner Corporation. Control system for controlling an SCR network to regulate three-phase A-C power flow. 4,499,534, 2-12-85, Cl. 363-129.000.
- Schnetzka, Harold R.: *See—*
  - Norbeck, Dean K.; and Schnetzka, Harold R., 4,554,463, Cl. 307-252.00H.
- Schnider, Jean-Pierre: *See—*
  - Mosimann, David; Walther, Theodor; and Schnider, Jean-Pierre, 4,507,085, Cl. 433-126.000.
- Schniederjan, Reinhold, to Hydromatik GmbH. Power regulation device for a hydraulic pump. 4,518,321, 5-21-85, Cl. 417-218.000.
- Schniederjan, Reinhold, to Hydromatik GmbH. Control apparatus for several drive assemblies consisting of hydrostatic drive units. 4,544,330, 10-1-85, Cl. 417-218.000.
- Schniggenfittig, Gunther: *See—*
  - Schuhmann, Siegfried; and Schniggenfittig, Gunther, 4,559,874, Cl. 101-350.000.
- Schnirch, Leo; and Weyel, Karl-Hermann, to Weyel KG Visuelle Einrichtungen. Mechanism for vertically movably supporting a board member on a wall. 4,536,163, 8-20-85, Cl. 434-420.000.
- Schnitzer, Heinrich; and Wronka, Bodo, to Mannesmann Aktiengesellschaft. Discharging molten metal from a smelting furnace. 4,523,747, 6-18-85, Cl. 266-44.000.
- Schnitzler, Alois, to Christian Miesen Fahrzeug-Und Karosseriewerk GmbH. Stretcher having backrest and safety harness. 4,534,075, 8-13-85, Cl. 5-82.00R.
- Schnitzler, Paul, to RCA Corporation. Communication system compandor. 4,518,994, 5-21-85, Cl. 358-133.000.
- Schnitzler, Willibald, to Romer GmbH. Protective helmet. 4,538,303, 9-3-85, Cl. 2-424.000.
- Schnoes, Heinrich K.: *See—*
  - DeLuca, Hector F.; Schnoes, Heinrich K.; Sicinski, Rafal R.; and Tanaka, Yoko, 4,505,906, Cl. 514-167.000.
  - DeLuca, Hector F.; Schnoes, Heinrich K.; and Lee, Seok-Ho, 4,512,925, Cl. 260-397.200.
  - DeLuca, Hector F.; Schnoes, Heinrich K.; Lee, Seok H.; and Phelps, Mary E., 4,554,106, Cl. 260-397.200.
  - DeLuca, Hector F.; Schnoes, Heinrich K.; Lee, Seok H.; and Phelps, Mary E., 4,555,364, Cl. 260-397.200.
- Schnoor, Walter: *See—*
  - Leppers, P. H.; and Schnoor, Walter, 4,495,390, Cl. 200-145.000.
- Schnorrenberg, Gerd; Roos, Otto; Losel, Walter; Wiedemann, Ingrid; Gaida, Wolfram; and Hoefke, Wolfgang, to Boehringer Ingelheim KG. Thieno [3,2,C]pyridines useful as antihypertensives. 4,555,511, 11-26-85, Cl. 514-301.000.
- Schnur, Nicholas E.; and Beimesch, Bruce J., to National Distillers and Chemical Corporation. Low temperature hydraulic fluids based on two centistoke synthetic hydrocarbons. 4,519,932, 5-28-85, Cl. 252-73.000.
- Schnur, Rodney C., to Pfizer Inc. Intermediates of hypoglycemic 5-substituted oxazolidine-2,4-diones. 4,562,267, 12-31-85, Cl. 549-58.000.
- Schnur, William H.: *See—*
  - Elepano, Normita P.; Schnur, William H.; and Jorgensen, Jens L., 4,508,634, Cl. 252-163.000.
- Schnurbusch, Horst; and Baltruschat, Helmut, to Chemische Werke Huels AG. 4-DL-alkylester-α-alaninyl-6-chloro-S-triazines and the use thereof as herbicides. 4,544,402, 10-1-85, Cl. 71-93.000.

Schnurle, Hans; Arnold, Herbert; and Horbelt, Michael, to Robert Bosch GmbH. Method of and device for supervising electrical fuel injection systems. 4,502,447, 3-5-85, Cl. 123-479.000.

Schnurle, Hans: *See—*
Horbelt, Michael; Schnurle, Hans; Strauss, Peter; and Werner, Peter, 4,549,519, Cl. 123-493.000.

Schnyder, Erika. Toilet with flushing device and self-cleaning seat. 4,536,899, 8-27-85, Cl. 4-233.000.

Schnyder, Eugen: *See—*
Schlatter, Beat; and Schnyder, Eugen, 4,530,227, Cl. 72-241.000.
Schlatter, Beat; and Schnyder, Eugen, 4,552,008, Cl. 72-243.000.

Schobbe, Hermann, to Daimler-Benz Aktiengesellschaft. Sealing-ring arrangement for threaded closure bolt. 4,498,680, 2-12-85, Cl. 277-112.000.

Schobbe, Hermann, to Daimler-Benz Aktiengesellschaft. Wheel cover for passenger motor vehicles. 4,529,251, 7-16-85, Cl. 301-37.00P.

Schobbe, Hermann: *See—*
Muller, Alf; Schobbe, Hermann; Loper, Bernd; and Binnewies, Hartmut, 4,533,184, Cl. 301-63.00R.

Schobel, Alexander M.; and Schumacher, Robert W., to Warner-Lambert Company. Method for deodorizing hypochlorite denture cleansing solutions and product containing a delayed release hypochlorite deactivator. 4,552,679, 11-12-85, Cl. 252-90.000.

Schober, Robert C., to American Hospital Supply Corporation. Programmable digital cardiac pacer. 4,557,266, 12-10-85, Cl. 128-419.0PG.

Schoberth, Hans. Method and flour for producing sliceable bread with a high bran content. 4,550,023, 10-29-85, Cl. 426-19.000.

Schoberth, Winfried: *See—*
Balle, Gerhard; Rasshofer, Werner; and Schoberth, Winfried, 4,506,039, Cl. 521-137.000.

Schoch, Gregor, to Bobst SA. Device for preparing die members of a platen press. 4,494,455, 1-22-85, Cl. 101-3.00R.

Schoch, Robert, to Weinmann GmbH & Co. KG. Two wheel rim brake with rotatable actuating element. 4,538,707, 9-3-85, Cl. 188-24.220.

Schoch, Robert, to Weinmann GmbH & Co. KG. Ski boot construction. 4,551,932, 11-12-85, Cl. 36-117.000.

Schoch, Robert, to Weinmann AG. Cycle wheel rim brake construction. 4,552,251, 11-12-85, Cl. 188-24.210.

Schock & Co. GmbH: *See—*
Schock, Karl; and Frank, Lothar, 4,492,063, Cl. 52-309.700.

Schock, Karl; and Frank, Lothar, to Schock & Co. GmbH. Extruded plastics material hollow profiled strip for window frames, window frames produced from this type of profiled strips and method for the production of a window frame of this type. 4,492,063, 1-8-85, Cl. 52-309.700.

Schockner, Richard C.: *See—*
Thurlow, Norman C.; Hayter, Walter R.; and Schockner, Richard C., 4,536,653, Cl. 250-390.000.

Schoeber, Gernot: *See—*
Barfuss, Juergen; Oestreich, Ulrich; Schoeber, Gernot; and Schrey, Wolfgang, 4,541,686, Cl. 350-96.230.

Schoeber, Willem J. A. H.: *See—*
Mink, Bernardus H.; and Schoeber, Willem J. A. H., 4,516,989, Cl. 55-68.000.

Schoeff, Terry G.; and Hemmert, Raymond A., deceased (by First National Bank, executor), to American Standard Inc. Fireplace assembly. 4,519,376, 5-28-85, Cl. 126-121.000.

Schoeffler, William N. Automatic choke valve. 4,491,148, 1-1-85, Cl. 137-499.000.

Schoen, Donald F.: *See—*
Godsey, H. Dean; Schoen, Donald F.; and Turek, Joseph F., 4,519,713, Cl. 366-79.000.

Schoen, Hans. Gripper feed system for blanking presses or the like. 4,558,809, 12-17-85, Cl. 226-162.000.

Schoen, Jerry W.; and Young, Russel L., to Armco Inc. Local annealing treatment for cube-on-edge grain oriented silicon steel. 4,545,828, 10-8-85, Cl. 148-111.000.

Schoen, Jerry W.; and Young, Russel L., to Armco Inc. Local heat treatment of electrical steel. 4,554,029, 11-19-85, Cl. 148-112.000.

Schoen, Klaus-Peter, to Hoechst Aktiengesellschaft. Suction device for holding plates. 4,491,313, 1-1-85, Cl. 271-194.000.

Schoen, Klaus-Peter, to Hoechst Aktiengesellschaft. Liquid developer device. 4,503,805, 3-12-85, Cl. 118-649.000.

Schoen, Roger: *See—*
Tourtellier, Jean-Louis; and Schoen, Roger, 4,524,698, Cl. 104-107.000.

Schoen, Siegfried, to Siemens Aktiengesellschaft. Seat for a cordless telephone. 4,543,451, 9-24-85, Cl. 179-2.0F.

Schoen, Uwe; Hachmeister, Bernd; Kehrbach, Wolfgang; Kuehl, Ulrich; and Buschmann, Gerd, to Kali-Chemie Pharma GmbH. 3,7-diazabicyclo(3,3,1)nonane compounds and their use in treating heart disease. 4,550,112, 10-29-85, Cl. 514-278.000.

Schoenberg, Allan R.: *See—*
LeStrange, Raymond J.; Bayless, John H., Jr.; and Schoenberg, Allan R., 4,514,492, Cl. 430-600.000.

Schoenberg, Jules E.; and Anderson, Stephen P., to National Starch and Chemical Corporation. Aromatic diamines. 4,506,100, 3-19-85, Cl. 564-430.000.

Schoenberg, Jules E.; Flanagan, Thomas P.; and Ray-Chaudhuri, Dilip K., to National Starch and Chemical Corporation. Hot-melt adhesives based on vinyl polymer. 4,535,140, 8-13-85, Cl. 526-329.000.

Schoenberg, Julian H., to W. R. Grace & Co., Cryovac Div. Storm window film comprising at least five layers. 4,514,465, 4-30-85, Cl. 428-339.000.

Schoenberg, Julian H., to W. R. Grace & Co., Cryovac Div. Oriented heat-sealable multilayer packaging film. 4,551,380, 11-5-85, Cl. 428-218.000.

Schoenberger, Frederick. Electrical energy saver. 4,520,259, 5-28-85, Cl. 219-501.000.

Schoeneberger, Carl F.: *See—*
Campbell, John G.; Schoeneberger, Carl F.; Bundens, Allan B.; Fogle, Richard M.; and Lemburg, John R., 4,536,791, Cl. 358-122.000.

Schoenfelder, George A.: *See—*
Dederich, Stanley S.; Schoenfelder, George A.; and Koster, William M., 4,539,556, Cl. 340-515.000.

Schoenheimer, Marcus F.; Gaskell, Lionel A.; and Ackermann, Keith A., to Actrol Industries Pty. Ltd. Valve and system incorporating same. 4,492,219, 1-8-85, Cl. 126-427.000.

Schoenig, Frederick C., Jr.; Grossman, Leonard N.; Lai, Ching C.; Masaitis, William; and Canada, Robert O., to General Electric Company. Automated inspection system. 4,496,056, 1-29-85, Cl. 209-539.000.

Schoenig, Frederick C., Jr.; and Landry, James D., to General Electric Company. Subcriticality measurement apparatus and method. 4,515,749, 5-7-85, Cl. 376-254.000.

Schoenig, Frederick C., Jr.; Landry, J. David; Walker, Edward S.; and Lai, Ching C., to General Electric Company. Transport apparatus. 4,549,662, 10-29-85, Cl. 209-539.000.

Schoening, Josef: *See—*
Elter, Claus; Noll, Gerhard; Schoening, Josef; Schwiers, Hans-Georg; and Stracke, Wilfried, 4,543,232, Cl. 376-289.000.

Schoenleber, Donald W.: *See—*
Jones, John H.; and Schoenleber, Donald W., 4,520,958, Cl. 229-72.000.

Schoenmakers, Johannes J. M., to U.S. Philips Corporation. Magnetic-tape cassette with pivotal, nesting cover. 4,497,008, 1-29-85, Cl. 360-132.000.

Schoenmakers, Wijnand J., to U.S. Philips Corporation. Device for the serial merging of two ordered lists in order to form a single ordered list. 4,536,857, 8-20-85, Cl. 364-900.000.

Schoenmeyr, Ivar L., to Carr-Griff, Inc. Liquid dispensing system. 4,507,054, 3-26-85, Cl. 417-12.000.

Schoenmeyr, Ivar L., to Carr-Griff, Inc. Wobble plate pump and drive mechanism therefor. 4,507,058, 3-26-85, Cl. 417-270.000.

Schoennagel, Hans J.: *See—*
Garwood, William E.; and Schoennagel, Hans J., 4,547,613, Cl. 585-533.000.
Krishnamurthy, Sowmithri; Landolt, George R.; and Schoennagel, Hans J., 4,518,708, Cl. 502-230.000.

Schoenrock, Karlheinz W., to Amalgamated Sugar Company, The. Method for preventing compaction in sorbent beds. 4,511,476, 4-16-85, Cl. 210-678.000.

Schoenrock, Karlheinz W. R.; Henscheid, Thomas H.; and Rounds, Hugh G., to Amalgamated Sugar Company, The. Process for producing a high fructose sweetener, high protein meal, and cereal germ oils. 4,501,814, 2-26-85, Cl. 435-94.000.

Schoenthaler, David; and Wojcik, Thaddeus, to AT&T Technologies, Inc. Methods for multipoint dispensing of viscous material. 4,515,297, 5-7-85, Cl. 222-160.000.

Schoepe, George P.; and Hashiguchi, Don H., to SCM Corporation. Cupreous catalyst and process for making same. 4,504,596, 3-12-85, Cl. 502-225.000.

Schoepe, George P.: *See—*
Hashiguchi, Don H.; Dietrich, Ronald J.; and Schoepe, George P., 4,503,165, Cl. 502-225.000.

Schoeppel, Roger J.: *See—*
Terry, Lynn E.; and Schoeppel, Roger J., 4,537,031, Cl. 60-649.000.

Schoeps, Knut C., to Atlas Copco Aktiebolag. Hydraulic torque impulse tool. 4,533,337, 8-6-85, Cl. 464-25.000.

Schoerkhuber, Wolfgang: *See—*
Ronge, Helmut; Prantz, Erhard; and Schoerkhuber, Wolfgang, 4,540,635, Cl. 428-498.000.

Schoessow, Glen J., to PowerSafety International, Inc. Training device for nuclear power plant operators. 4,545,766, 10-8-85, Cl. 434-218.000.

Schoettle, Klaus: *See—*
Gehrung, Manfred; Schoettle, Klaus; Kreissler, Helmut; Rudolf, Peter; Hack, Joachim; and Anslinger, Friedrich, 4,514,937, Cl. 51-281.0SF.

Schoffmann, Franz: *See—*
Kissich, Arnulf; Schoffmann, Franz; Zitz, Alfred; and Steinbrucker, Gerhard, 4,552,263, Cl. 198-514.000.

Schofield, John, to U.S. Philips Corporation. SAW device with special length-weighted interdigital electrode array. 4,504,759, 3-12-85, Cl. 310-313.00C.

Schofield, John, to U.S. Philips Corporation. Acoustic surface wave device including a reflective multistrip coupler. 4,511,867, 4-16-85, Cl. 333-195.000.

Schofield, John; and Milsom, Robert F., to U.S. Philips Corporation. Acoustic surface wave device. 4,513,262, 4-23-85, Cl. 333-194.000.

Scholbrock, Steven D.: *See—*
Lane, Michael S.; and Scholbrock, Steven D., 4,535,445, Cl. 370-62.000.

Scholdstrom, Ragnar; Marcus, Holger; and Nordstrom, Lennart, to Geotronics AB. Apparatus for measuring the distance to a point on the inner wall of a hot furnace. 4,508,448, 4-2-85, Cl. 356-5.000.

Schole, Juergen: *See—*
Lechtken, Peter; Nuerrenbach, Axel; and Schole, Juergen, 4,510,146, Cl. 514-312.000.

Scholey, Michael F., to Mattel, Inc. Means for joining toy track sections. 4,544,094, 10-1-85, Cl. 238-10.00R.

Scholich, Peter, to Nixdorf Computer AG. Method and apparatus for recording data. 4,553,177, 11-12-85, Cl. 360-43.000.

Scholin, Bertil: *See—*

Nylund, Olov; and Scholin, Bertil, 4,526,745, Cl. 376-444.000.

Scholkens, Bernward: *See—*

Henning, Rainer; Urbach, Hansjorg; Geiger, Rolf; Teetz, Volker; and Scholkens, Bernward, 4,515,803, Cl. 514-338.000.

Scholl, Frederick, to Codenoll Technology Corporation. Wavelength-selective photodetector. 4,544,938, 10-1-85, Cl. 357-30.000.

Scholl, Frederick W.; and Coden, Michael H., to Codenoll Technology Corporation. Method and apparatus for aligning optical fibers. 4,500,165, 2-19-85, Cl. 350-96.200.

Scholl, Frederick W., to Codenoll Technology Corporation. Method and apparatus for detecting the collision of data packets. 4,560,984, 12-24-85, Cl. 340-825.500.

Scholl, Frederick W.; and Coden, Michael H., to Codenoll Technology Corporation. Data receiver. 4,561,091, 12-24-85, Cl. 370-85.000.

Scholl, Hans, to Kochs Adler AG. Automatic sewing machines. 4,503,789, 3-12-85, Cl. 112-121.140.

Scholl, Hans, to Kochs Adler AG. Method and device for safe operation of an automatic sewing machine. 4,513,677, 4-30-85, Cl. 112-262.300.

Scholl, Hans: *See—*

Fischer, Jochen; and Scholl, Hans, 4,494,470, Cl. 112-121.120.

Scholl, Hans-Joachim; Reiff, Helmut; and Sachs, Hanns I., to Bayer Aktiengesellschaft. Aqueous isocyanate emulsions and their use as binders in a process for the production of shaped articles. 4,528,117, 7-9-85, Cl. 252-312.000.

Scholl, Hans-Joachim; Sachs, Hanns I.; Jabs, Gert; and Loew, Gunther, to Bayer Aktiengesellschaft. Process for producing molded particulate articles utilizing a self-releasing binder based on a sulfonic acid modified isocyanate. 4,528,153, 7-9-85, Cl. 264-109.000.

Scholl, Hans-Joachim; Pedain, Josef; Riberi, Bernd; and Mennicken, Gerhard, to Bayer Aktiengesellschaft. Process for the production of polyisocyanates containing isocyanurate groups, the compounds which may be obtained according to this process, and the use thereof for the production of polyurethanes. 4,552,946, 11-12-85, Cl. 528-67.000.

Scholl, Herbert: *See—*

Metz, Rudi; and Scholl, Herbert, 4,530,028, Cl. 361-144.000.

Metz, Rudi; and Scholl, Herbert, 4,544,985, Cl. 361-144.000.

Metz, Rudi; and Scholl, Herbert, 4,554,610, Cl. 361-144.000.

Scholl, Klaus: *See—*

Rauf, Richard; Pav, Josef; and Scholl, Klaus, 4,514,887, Cl. 29-116.0AD.

Scholl, Walter, to Bayer Aktiengesellschaft. Chromium complex azo dyestuffs and mixtures of chromium complex azo dyestuffs derivated from 1-amino-2-hydroxynaphtalene-4-sulphonic acids or aminophenols. 4,499,015, 2-12-85, Cl. 534-697.000.

Scholl, Wolfgang: *See—*

Botz, Jakob; Mutschler, Erich; Prohaska, Hans; Schmid, Eckhardt; and Scholl, Wolfgang, 4,531,419, Cl. 74-388.0PS.

Scholle Corporation: *See—*

Scholle, William R.; and Lloyd-Davies, William, 4,498,508, Cl. 141-5.000.

Scholle, William R.; and Lloyd-Davies, William, to Scholle Corporation. Container filler. 4,498,508, 2-12-85, Cl. 141-5.000.

Schollenberger, Charles S., to B. F. Goodrich Company, The. Radiation curable polyurethanes. 4,552,932, 11-12-85, Cl. 525-440.000.

Schollkopf, Ernst; and Rimmele, Walter, to Polytype AG. Apparatus and method for manufacturing a sandwich web. 4,498,946, 2-12-85, Cl. 156-324.000.

Schollmeier, Charles E., to A. E. Staley Manufacturing Company. Semi-crystalline fructose. 4,517,021, 5-14-85, Cl. 127-30.000.

Schollmeyer, Thomas A.; and Elsmore, Jeffrey C., to Seeman, R. Dean, a part interest. Pharmacist-programmable medication prompting system and method. 4,504,153, 3-12-85, Cl. 368-10.000.

Schols, John A.; and Yu, Keechung, to Dow Chemical Company, The. Low styrene emission vinyl ester resin for fiber-reinforced applications. 4,559,375, 12-17-85, Cl. 523-449.000.

Scholten, Carel S.; Slob, Arie; and Jansen, Pierre G., to U.S. Philips Corporation. System comprising mutually synchronizing first and second active functional units. 4,510,612, 4-9-85, Cl. 375-106.000.

Scholten, James R. Apparatus for naso and oroendotracheal intubation. 4,529,400, 7-16-85, Cl. 604-95.000

Scholz, Adolf: *See—*

Weis, Martin; and Scholz, Adolf, 4,501,313, Cl. 164-404.000.

Scholz, Bernhard: *See—*

Obenaus, Fritz; Nierlich, Franz; Reitemeyer, Otto; and Scholz, Bernhard, 4,517,395, Cl. 585-259.000.

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Rumpp, Gerhard; Spieth, Manfred; and Scholz, Dieter, 4,491,444, Cl. 409-234.000.

Rumpp, Gerhard; and Scholz, Dieter, 4,549,616, Cl. 175-394.000.

Scholz, Erich: *See—*

Jahnke, Horst; Moro, Brigitte; Scholz, Erich; and Siebke, Hans, 4,562,431, Cl. 340-604.000.

Scholz, Gerhard, to Licentia Patent-Verwaltungs-GmbH. Video recorder including a plurality of operating elements. 4,519,003, 5-21-85, Cl. 358-335.000.

Scholz, Hans J.; and Patzelt, Helmut, to Daimler-Benz Aktiengesellschaft. Inflatable gas cushion. 4,556,236, 12-3-85, Cl. 280-729.000.

Scholz, Harald: *See—*

Schuchardt, Kurt; Scholz, Harald; Neuss, Hans W.; and Pech, Georg, 4,552,727, Cl. 422-241.000.

Scholz, John A.: *See—*

Labadini, William M.; and Scholz, John A., 4,513,227, Cl. 315-290.000.

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Fricker, Wolfgang-Peter; Scholz, Manfred; Bauche, Heinrich; and Gollasch, Bernd, 4,495,147, Cl. 376-283.000.

Fricker, Wolfgang-Peter; and Scholz, Manfred, 4,525,968, Cl. 52-406.000.

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Miller, Neil A., 4,509,191, Cl. 381-63.000.

Scholz, Romanus; Heidemeyer, Paulus; and Hofbauer, Peter, to Volkswagenwerk Aktiengesellschaft. Arrangement for driving the generator of a vehicle, in particular a passenger automobile. 4,531,605, 7-30-85, Cl. 180-165.000.

Scholz, Stefan; and Tyssen, Egon, to Honeywell G.m.b.H. Infrared simulator. 4,542,299, 9-17-85, Cl. 250-504.00R.

Scholz, Werner: *See—*

Radisch, Helmer; and Scholz, Werner, 4,551,484, Cl. 523-169.000.

Scholze, Dietrich: *See—*

Scholze, Gottfried; Scholze, Dietrich; and Maier, Johannes, 4,505,439, Cl. 242-68.400.

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Scholze, Horst: *See—*

Schmidt, Helmut; Kaiser, Alfred; and Scholze, Horst, 4,505,985, Cl. 428-447.000.

Schomberg, Hermann, to U.S. Philips Corporation. Method of determining the time-of-flight of an ultrasonic pulse. 4,541,279, 9-17-85, Cl. 73-597.000.

Schomburg, John R., to Sperry Corporation. Apparatus for creating a multiplication pipeline of arbitrary size. 4,549,280, 10-22-85, Cl. 364-738.000.

Schommler, Manfred, to Werner H. K. Peters Maschinenfabrik GmbH. Heating device for corrugated cardboard in a corrugated cardboard pasting machine. 4,556,444, 12-3-85, Cl. 156-359.000.

Schon, Christian O. Method and apparatus for impregnating porous electrodes or the like. 4,517,137, 5-14-85, Cl. 264-29.500.

Schon, Christian O. Centrifugal blower for hot fluids. 4,541,776, 9-17-85, Cl. 415-200.000.

Schon, Lennart. Angle determinator of parallelogram type. 4,527,341, 7-9-85, Cl. 33-455.000.

Schon, Manfred: *See—*

Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, 4,535,031, Cl. 428-481.000.

Schonafinger, Karl; Beyerle, Rudi; Bohn, Helmut; Just, Melitta; Martorana, Piero A.; and Nitz, Rolf-Eberhard, to Cassella Aktiengesellschaft. 3-(4-alkoxycarbonylpiperazin-1-yl)-sydnonimines, a process for their preparation and use. 4,551,454, 11-5-85, Cl. 514-252.000.

Schonafinger, Karl; Bohn, Helmut; Just, Melitta; and Martorana, Piero, to Cassella Aktiengesellschaft. Substituted 1,4-dihydropyridines and their use as medicaments. 4,558,058, 12-10-85, Cl. 514-342.000.

Schonberger, Johann; Bloo, Johann; Mistlberger, Bruno; and Gehmaier, Johann, to Chemiefaser Lenzing Aktiengesellschaft. Circular loom. 4,509,562, 4-9-85, Cl. 139-13.00R.

Schonberger, Milton. Disc for indicator for tamper-evident lid. 4,519,515, 5-28-85, Cl. 215-230.000.

Schonberger, Milton. Disposable thermometer probe and rating technique therefor. 4,531,842, 7-30-85, Cl. 374-1.000.

Schonberger, Norbert; Schinzel, Erich; Martini, Thomas; and Rosch, Gunter, to Hoechst Aktiengesellschaft. Cationic compounds of the naphthalimide series, process for their preparation and their use. 4,508,900, 4-2-85, Cl. 546-99.000.

Schonberger, Richard: *See—*

Puls, Bernhard; Gruber, Hermann; Leipold, Kurt; Schonberger, Richard; Kizak, Ulrich; and Huttereer, Max, 4,539,442, Cl. 179-115.5VC.

Schonborn, Jurgen: *See—*

Mangold, Hans; Eckert, Hans; and Schonborn, Jurgen, 4,525,746, Cl. 358-254.000.

Schone, Alfred, to Sandoz Ltd. Method for marking defects in leather. 4,548,609, 10-22-85, Cl. 8-94.210.

Schoneberger, Edgar F., to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Equipment for indication of the electrically measurable positions or adjustments of individual units required for the printing process. 4,491,833, 1-1-85, Cl. 340-721.000.

Schonemann, Walter: *See—*

Jaggle, Gunther; and Schonemann, Walter, 4,545,354, Cl. 123-470.000.

Schonenberger, Helmut: *See—*

von Angerer, Erwin; and Schonenberger, Helmut, 4,543,360, Cl. 514-415.000.

Schonenberger, Rolf: *See—*

Veith, Gustav G.; Schonenberger, Rolf; Thumser, Udo; and Ziegler, Georg, 4,527,484, Cl. 104-89.000.

Schonert, Robert F. Rotary tiller apparatus and pivotal support structure therefor. 4,544,038, 10-1-85, Cl. 172-78.000.

Schonfeld, Harald; and Bauer, Angelo, to Carl Schenck AG. Procedure for balancing of rotors without journals. 4,543,825, 10-1-85, Cl. 73-459.000.

Schonhaar, Werner W.; Wallace, Keith; and Dickson, Tim R., to Fiberglas Canada Inc. Enhanced surface fiberizer. 4,541,854, 9-17-85, Cl. 65-15.000.

Schonherr, Walter: *See—*
- Steiner, Hermann; and Schonherr, Walter, 4,492,893, Cl. 313-318.000.

Schonhut, Kurt, to Ferdinand Menrad, Firma. Side bridge for metal spectacles. 4,500,179, 2-19-85, Cl. 351-137.000.

Schoning, Josef: *See—*
- Elter, Claus; Schneider, Karl U.; Schoning, Josef; Stach, Heinrich; and Stracke, Wilfried, 4,504,439, Cl. 376-391.000.

Schonmeier, Herbert, to Jagenberg AG. Apparatus for the separate winding of slit webs. 4,550,887, 11-5-85, Cl. 242-56.300.

Schonowsky, Hubert: *See—*
- Horlein, Gerhard; Schonowsky, Hubert; Bieringer, Hermann; and Langeluddeke, Peter, 4,493,731, Cl. 71-118.000.

Schonstedt, Erick O., to Schonstedt Instrument Company. Magnetic detector apparatus with liquid-supported, conductive, sensor-support tube. 4,539,522, 9-3-85, Cl. 324-245.000.

Schonstedt Instrument Company: *See—*
- Dunham, Warren D., 4,536,710, Cl. 324-244.000.
- Schonstedt, Erick O., 4,539,522, Cl. 324-245.000.

Schontzler, James G.: *See—*
- Livingston, James W.; and Schontzler, James G., 4,509,543, Cl. 134-57.00D.

Schonung, Bernhard: *See—*
- von Ronai-Horvath, Michael; and Schonung, Bernhard, 4,501,114, Cl. 57-81.000.

Schonwald, Siegfried, to Siemens Aktiengesellschaft. Compressor unit. 4,492,530, 1-8-85, Cl. 417-271.000.

Schonwald, Siegfried: *See—*
- Leitgeb, Wilhelm; and Schonwald, Siegfried, 4,516,912, Cl. 417-45.000.

Schoofs, Franciscus A. C. M.; and Nijman, Aloysius J., to U.S. Philips Corporation. Driver circuit. 4,535,303, 8-13-85, Cl. 330-297.000.

Schoofs, Inc.: *See—*
- Schoofs, Richard J., 4,508,699, Cl. 423-574.00R.

Schoofs, Mark J. Swim fin for breaststroke swimmers. 4,521,220, 6-4-85, Cl. 441-64.000.

Schoofs, Richard J., to Schoofs, Inc. Claus process improvement. 4,508,699, 4-2-85, Cl. 423-574.00R.

Schoolman, Arnold. Stereoscopic remote viewing system. 4,559,555, 12-17-85, Cl. 358-88.000.

Schoon, David J., to Minnesota Mining and Manufacturing Company. Data clocking circuitry for a scanning apparatus. 4,541,061, 9-10-85, Cl. 364-518.000.

Schoonderbeek, Hubertus J.: *See—*
- Percic, Milan; Schoonderbeek, Hubertus J.; and Alston, Julia M., 4,557,583, Cl. 355-3.0TR.

Schoonejongen, Ronald J.: *See—*
- Martin, F. Wayne; Shahbazi, Samson; and Schoonejongen, Ronald J., 4,535,012, Cl. 427-386.000.

Schoonmade, Wim, to Gusto Engineering B.V. Elevating device for an artificial island or work platform. 4,521,134, 6-4-85, Cl. 405-198.000.

Schoonmaker, Charles D.: *See—*
- Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.

Schoonover, David J.; and Taylor, Tillman F., Jr., to Hach Company. Water-in-oil testing apparatus. 4,557,899, 12-10-85, Cl. 422-55.000.

Schoonover, John M., to Air Preheater Company, Inc., The. Method for manufacturing heat transfer element sheets for a rotary regenerative heat exchanger. 4,553,458, 11-19-85, Cl. 83-33.000.

Schoonover, Kevin G., to Steam Systems and Services, Incorporated. Dual element desuperheater apparatus. 4,512,520, 4-23-85, Cl. 239-440.000.

Schoonover, Randall M.: *See—*
- Scrivener, Thomas F.; and Schoonover, Randall M., 4,523,653, Cl. 177-147.000.

Schoop, Gunther D.: *See—*
- Roling, Franz; and Schoop, Gunther D., 4,501,577, Cl. 474-155.000.

Schoop, Gunther-Dietmar: *See—*
- Trumper, Thomas; Schoop, Gunther-Dietmar; Borgschulte, Fritz; and Krummnack, Friedrich, 4,515,410, Cl. 299-43.000.

Schoor, Ulrich: *See—*
- Dobler, Klaus; Schoor, Ulrich; Heinz, Rudolf; Frey, Thomas; and Grunwald, Werner, 4,494,401, Cl. 73-35.000.
- Dobler, Klaus; Heinz, Rudolf; Schoor, Ulrich; and Frey, Thomas, 4,549,430, Cl. 73-115.000.

Schopf, Hans-Joachim: *See—*
- Kizler, Wolfgang; Sieder, Wolfgang; Schopf, Hans-Joachim; Dobler, Helmut; and Gluck, Roland, 4,523,916, Cl. 464-98.000.

Schopper, Bernd; and Tandler, Peter, to ITT Industries, Inc. Dual-circuit pressure control valve. 4,493,508, 1-15-85, Cl. 303-6.00C.

Schopplein, Leopold: *See—*
- Wossner, Felix; Itzinger, Hermann; and Schopplein, Leopold, 4,561,164, Cl. 29-510.000.

Schoppmeyer, Johannes, to Dr. Ing. Rudolf Hell GmbH. Screen systems for multicolor printing. 4,537,470, 8-27-85, Cl. 350-317.000.

Schopwinkel, Theo, to Trutzschler GmbH & Co. KG. Method and apparatus for rupturing sliver during coiler can replacement. 4,561,151, 12-31-85, Cl. 19-159.00R.

Schora, Frank C.; Janka, John C.; and Feldkirchner, Harlan L., to Institute of Gas Technology. Production of hydrogen from oil shale. 4,560,547, 12-24-85, Cl. 423-650.000.

Schorcht, Adelbrecht; Klingenfeld, Dietmar; Hesse, Reiner; Dastis, Rainer; and Linz, Volker, to Jenoptik Jena G.m.b.H. Arrangement for the automatic adjustment of at least one object. 4,496,970, 1-29-85, Cl. 358-101.000.

Schore, George: *See—*
- D'Agostino, Vincent F.; Lee, Joseph Y.; Zapisek, Stephen; and Schore, George, 4,500,396, Cl. 204-107.000.
- D'Agostino, Vincent F.; Lee, Joseph Y.; Zapisek, Stephen; and Schore, George, 4,543,169, Cl. 204-105.00R.

Schorman, Eric: *See—*
- Smith, Paul F.; Schorman, Eric; Burke, Timothy M.; and Lynk, Charles N., Jr., 4,553,263, Cl. 455-54.000.
- Smith, Paul F.; Schorman, Eric; Burke, Timothy M.; and Lynk, Charles N., Jr., 4,554,677, Cl. 455-54.000.

Schorman, Eric R.: *See—*
- Burke, Timothy M.; Smith, Paul F.; Noble, Scott W.; and Schorman, Eric R., 4,495,647, Cl. 455-38.000.

Schornick, Gunnar: *See—*
- Henne, Andreas; Hesse, Anton; Heil, Guenter; and Schornick, Gunnar, 4,522,693, Cl. 204-159.150.

Schorr, Hans P.: *See—*
- Markbreiter, Stephen J.; and Schorr, Hans P., 4,522,636, Cl. 55-23.000.

Schorr, Peter: *See—*
- Kliesch, Wilfried; Koch, Friedrich-Otto; Wahl, Hans-Jurgen; Krebs, Rolf; Schorr, Peter; and Strauch, Heinz, deceased, 4,535,215, Cl. 219-61.500.

Schorr, Steven M.; and Stoner, Richard J., Jr., to Genisis Technology, Inc. Method and apparatus for aeroponic propagation of plants. 4,514,930, 5-7-85, Cl. 47-60.000.

Schortmann, Walter E., to Kendall Company, The. Microsized fabric. 4,499,139, 2-12-85, Cl. 428-245.000.

Schortmann, Walter E.; and Metrick, Dennis, to Kendall Company, The. Scrub-wipe fabric. 4,537,819, 8-27-85, Cl. 428-284.000.

Schorwerth, Mathias: *See—*
- Pollinger, Hans; Saumweber, Eckart; Schorwerth, Mathias; and Wirth, Xaver, 4,535,874, Cl. 188-73.100.

Schosek, William O., to Elephant Industries, Inc. Underground pipe or cable installation. 4,492,133, 1-8-85, Cl. 81-57.300.

Schosek, William O., to Elephant Industries, Inc. Light weight underground pipe or cable installing device. 4,492,274, 1-8-85, Cl. 175-19.000.

Schossow, George W. Method of inhibiting snoring and obstructive sleep apnea. 4,551,473, 11-5-85, Cl. 514-305.000.

Schott Glass Technologies, Inc.: *See—*
- Franklin, Brian; and Mader, Karl-Heinz, 4,554,259, Cl. 501-67.000.
- Kassner, Reinhard; Mader, Karl-Heinz; and Cook, Lee M., 4,507,393, Cl. 501-75.000.

Schott Glaswerke: *See—*
- Beerwald, Hans; Boehm, Guenter; and Glomski, Guenter, 4,508,554, Cl. 65-3.100.
- Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,508,834, Cl. 501-73.000.
- Grabowski geb. Marszalek, Danuta; Ross, Ludwig; Geiler, Volkmar; and Mennemann, Karl, 4,526,874, Cl. 501-77.000.
- Mennemann, Karl; Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,562,161, Cl. 501-59.000.
- Sack, Werner; and Kiefer, Werner, 4,515,897, Cl. 501-15.000.
- Speit, Burkhard; Mennemann, Karl; and Gliemeroth, Georg, 4,520,115, Cl. 501-60.000.

Schott, Helmut: *See—*
- Walling, Christian; and Schott, Helmut, 4,539,696, Cl. 378-181.000.

Schott, Jeffery L. Apparatus for breaking railroad rails. 4,552,291, 11-12-85, Cl. 225-96.500.

Schott, John E.: *See—*
- Bernhardt, Frederick W.; and Schott, John E., 4,556,350, Cl. 411-10.000.

Schott, Lawrence A.; and Schott, Roger A. Lubricating apparatus and system. 4,497,149, 2-5-85, Cl. 52-174.000.

Schott, Lawrence A.: *See—*
- Schott, Roger A.; and Schott, Lawrence A., 4,559,516, Cl. 340-73.000.

Schott, Margaret E.: *See—*
- Letsinger, Robert L.; and Schott, Margaret E., 4,547,569, Cl. 536-29.000.

Schott, Robert E., to Allis-Chalmers Corporation. Electrically controlled hydraulic clutch for a front wheel drive. 4,506,773, 3-26-85, Cl. 192-52.000.

Schott, Roger A.; and Schott, Lawrence A., to Freedom Industries, Inc. Helmet with turn signal indicators. 4,559,516, 12-17-85, Cl. 340-73.000.

Schott, Roger A.: *See—*
- Schott, Lawrence A.; and Schott, Roger A., 4,497,149, Cl. 52-174.000.

Schott-Ruhrglas GmbH: *See—*
- Ritt, Hans-Georg; Luneberg, Hartmut; Mannl, Reinhard; and Grillmeier, Alfred, 4,516,998, Cl. 65-108.000.

Schottel-Werft Josef Becker GmbH & Co KG.: *See—*
- Krautkremer, Franz; Lais, Siegfried; Knecht, Reinhold; and Stache, Detlev, 4,519,335, Cl. 114-144.00R.

Schotten, Alfons, to Eberhard Hoesch & Sohne GmbH & Co. Plate filter having a movable filter cloth. 4,552,660, 11-12-85, Cl. 210-225.000.

Schottler, Peter: *See—*
- Wucherpfennig, Karl; Bott, Ernst W.; and Schottler, Peter, 4,560,565, Cl. 426-330.400.

Schou, Carl E. Self locking differential. 4,498,355, 2-12-85, Cl. 74-650.000.

Schouhamer Immink, Kornelis A.; and Aarts, Ronaldus M., to U.S. Philips Corporation. Dropout circuit arrangement for converting an information signal into a rectangular signal. 4,499,570, 2-12-85, Cl. 369-48.000.

Schouhamer Immink, Kornelis A., to U.S. Philips Corporation. Method of encoding a stream of data bits, device for carring out the method, and device for decoding a stream of data bits. 4,536,742, 8-20-85, Cl. 340-347.0DD.

Schoumaker, Raoul J. P., to Westinghouse Electric Corp. Self-locking mounting clip system. 4,541,599, 9-17-85, Cl. 248-222.200.

Schoumaker, Raoul J. P.; and Harter, Mark A., to Westinghouse Electric Corp. Universal telescopic stretcher rail system. 4,546,889, 10-15-85, Cl. 211-105.300.

Schoumaker, Raoul J. P.: *See—*

- Anderson, William C.; Boundy, Bruce K.; and Schoumaker, Raoul J. P., 4,500,060, Cl. 248-349.000.

Schour, Avi; and Bloch, Igal, to H. H. Brown Shoe Co., Inc. Athletic shoe and counter. 4,510,701, 4-16-85, Cl. 36-68.000.

Schourup, William E.: *See—*

- Studer, Robert L.; and Schourup, William E., 4,508,130, Cl. 137-15.000.

Schoute, Frederik C.; Doorduin, Adrianus W.; and Hooijmans, Jacobus L. M., to U.S. Philips Corporation. Method and apparatus for preventing overloading of the central controller of a telecommunication system. 4,497,978, 2-5-85, Cl. 179-9.000.

Schouteeten, Alain; and Christidis, Yani, to Societe Francaise Hoechst. Pure crystalline racemic sodium parahydroxymandelate, process for its preparation and uses thereof. 4,504,678, 3-12-85, Cl. 562-470.000.

Schouteeten, Alain; and Christidis, Yani, to Societe Francaise Hoechst. Process for preparation of crystallized monohydrated sodium phenylpyruvate. 4,518,800, 5-21-85, Cl. 562-459.000.

Schouten, Daniel: *See—*

- Zandveld, Frederik; Schouten, Daniel; and van der Vliet, Peter C. L., 4,562,534, Cl. 364-200.000.

Schouten, Henry G., to American Home Products Corporation. Preparation of alkoxy methyl ethers. 4,500,738, 2-19-85, Cl. 568-433.000.

Schouten, Henry G.: *See—*

- Buzby, George C., Jr.; and Schouten, Henry G., 4,559,178, Cl. 260-455.00R.

Schowengerdt, Frank D.: *See—*

- Brown, James T., Jr.; and Schowengerdt, Frank D., 4,497,641, Cl. 55-94.000.

Schowiak, Duane C., to Ford Motor Company. Color change apparatus. 4,509,684, 4-9-85, Cl. 239-112.000.

Schrader, Glenn L.: *See—*

- McCarty, Kevin F.; and Schrader, Glenn L., 4,560,470, Cl. 208-215.000.

Schrader, Heinolf: *See—*

- Schroder, Gunter; Eichhorn, Rudolf; and Schrader, Heinolf, 4,531,682, Cl. 242-54.00R.

Schrader, Lothar: *See—*

- Velling, Gunther; Schrader, Lothar; and Schumacher, Hermann, 4,518,567, Cl. 422-143.000.

Schrader Machine & Tool, Inc.: *See—*

- Trevarrow, David J., 4,561,815, Cl. 409-227.000.

Schrader, Manfred: *See—*

- Ertingshausen, Friedrich; Heinrich, Volker; Hinkel, Holger; Kaus, Gerhard; Kempf, Jurgen; Nauth, Hans-Georg; and Schrader, Manfred, 4,549,238, Cl. 360-103.000.

Schrader, Mark E.: *See—*

- Knoll, Glenn F.; and Schrader, Mark E., 4,546,255, Cl. 250-369.000.

Schrader, Rolf, to Grafon AG. Method and apparatus for the manufacture of a three-dimensional, shaped graphite electrode utilizing a three-dimensional, shaped file. 4,497,101, 2-5-85, Cl. 29-76.00R.

Schrader, Rolf F., to Moss Rosenberg Verft A/S. Method of constructing a large spherical tank supported by a skirt on land. 4,522,010, 6-11-85, Cl. 52-745.000.

Schrader, Wolfgang: *See—*

- Hobbs, John; and Schrader, Wolfgang, 4,505,344, Cl. 177-136.000.

Schraff, Raymond J.: *See—*

- Miller, Thomas M.; Schraff, Raymond J.; and Labas, Nicholas, 4,524,702, Cl. 110-173.00A.
- Miller, Thomas M.; and Schraff, Raymond J., 4,530,441, Cl. 220-215.000.

Schram, Joseph G., to Xerox Corporation. Release agent management system for heat and pressure fuser apparatus. 4,496,234, 1-29-85, Cl. 355-3.0FU.

Schramm, Arthur G., deceased; by Hardy, Doralyn A., personal representative; and Shaffer, Jack C. Method and apparatus for fabricating insulative panel. 4,510,010, 4-9-85, Cl. 156-383.000.

Schramm, Buford J. Barrel type engine with plural two-cycle cylinders and pressurized induction. 4,497,284, 2-5-85, Cl. 123-41.470.

Schramm, George W.: *See—*

- Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., 4,512,016, Cl. 370-110.100.
- Nici, Richard J.; Schramm, George W.; and Sharp, John B., 4,512,017, Cl. 370-110.100.

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- Schaal, Gunter; and Schramm, Heribert, 4,509,731, Cl. 269-78.000.

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- Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
- Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, 4,492,703, Cl. 424-266.000.
- Goldmann, Siegfried; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,789, Cl. 546-274.000.
- Goldmann, Siegfried; Bossert, Friedrich; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,555,512, Cl. 514-302.000.
- Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,537,881, Cl. 514-25.000.
- Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.

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Schrank, Helmut E.: *See—*

- Bolt, Conway A., Jr.; Cassen, John W.; and Schrank, Helmut E., 4,547,776, Cl. 343-741.000.

Schrank, Martin P., to GTE Products Corporation. Thin film electroluminscent display device. 4,547,702, 10-15-85, Cl. 313-509.000.

Schreck, Carl E.: *See—*

- McGovern, Terrence P.; and Schreck, Carl E., 4,530,935, Cl. 514-613.000.

Schreck, Ronald: *See—*

- Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., 4,501,762, Cl. 426-538.000.

Schreck, Ronald P.: *See—*

- Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,517,385, Cl. 568-386.000.
- Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,547,594, Cl. 568-392.000.

Schreckenberg, Heinz-Wilhelm: *See—*

- Paersch, Michael; Mrotzek, Herbert; Haukelt, Helmut; and Schreckenberg, Heinz-Wilhelm, 4,501,593, Cl. 44-23.000.

Schreckenberg, Manfred: *See—*

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Schreiber, Adam; and Hilaire, Jacob, to Sulzer Brothers Limited. Joint socket. 4,519,101, 5-28-85, Cl. 3-1.912.

Schreiber, Alfons: *See—*

- Patzold, Dieter; Schreiber, Alfons; and Tiwi, Peter, 4,502,173, Cl. 15-41.00R.

Schreiber, David A.: *See—*

- Fenton, Edward A., Jr.; Lakin, Ira W.; Stein, Joseph H.; Lohr, John R.; and Schreiber, David A., 4,501,539, Cl. 425-84.000.

Schreiber, Fred G.: *See—*

- Gradeff, Peter S.; and Schreiber, Fred G., 4,492,655, Cl. 260-429.200.
- Gradeff, Peter S.; Charte, Vincent J.; Schreiber, Fred G.; and Davison, John F., 4,545,923, Cl. 252-309.000.

Schreiber, Henry P.: *See—*

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Schreiber, Jerry B. Guide structure. 4,503,615, 3-12-85, Cl. 33-1.00M.

Schreiber, Jurgen, to Buderus Aktiengesellschaft. Apparatus for simultaneously grinding inner and outer workpiece surfaces. 4,497,138, 2-5-85, Cl. 51-3.000.

Schreiber, Loren B.: *See—*

- Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,517,385, Cl. 568-386.000.
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Schreiber, Max: *See—*

- Kuhnis, Ernst; Kobler, Armin; Schreiber, Max; and Wallimann, Hans, 4,535,709, Cl. 112-83.000.

Schreiber, Paul T., to Tandy Corporation. Computer graphics generator. 4,503,429, 3-5-85, Cl. 340-799.000.

Schreiber, Peter; and Huth, Klaus, to U.S. Philips Corporation. Rotary-anode X-ray tube. 4,520,496, 5-28-85, Cl. 378-128.000.

Schreiber, Richard J.: *See—*

- Kendall, Robert M.; Schreiber, Richard J.; and Kesselring, John P., 4,492,185, Cl. 122-32.000.
- Kendall, Robert M.; and Schreiber, Richard J., 4,494,485, Cl. 122-250.00R.

- Schreiber, Thilo: *See—*
  - Upmeier, Hartmut; and Schreiber, Thilo, 4,494,877, Cl. 366-76.000.
- Schreiber, William F., to Massachusetts Institute of Technology. Color reproduction system. 4,500,919, 2-19-85, Cl. 358-78.000.
- Schreiber, William L.: *See—*
  - Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,510,080, Cl. 252-522.00R.
  - Boden, Richard M.; Schreiber, William L.; Fujioka, Futoshi; Chant, Patrick; and Dekker, Lambert, 4,528,402, Cl. 568-445.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,491,537, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; Schreiber, William L.; Whelan, Patrick; and Hanna, Marie R., 4,519,943, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,521,634, Cl. 568-665.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,532,364, Cl. 568-444.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,539,142, Cl. 252-522.00R.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,540,812, Cl. 560-256.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,544,775, Cl. 568-675.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,554,384, Cl. 568-445.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,554,385, Cl. 568-496.000.
  - Fujioka, Futoshi; Boden, Richard M.; and Schreiber, William L., 4,556,746, Cl. 568-648.000.
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  - Sprecker, Mark A.; Schreiber, William L.; Fujioka, Futoshi; Boden, Richard M.; Vock, Manfred H.; Whelan, Patrick; and Hanna, Marie R., 4,541,949, Cl. 252-522.00R.
  - Sprecker, Mark A.; Belko, Robert P.; Schreiber, William L.; and Licciardello, Michael, 4,548,743, Cl. 252-522.00R.
  - Tokarzewski, Richard J.; and Schreiber, William L., 4,533,492, Cl. 252-522.00R.
  - Wiegers, Wilhelmus J.; Fenn, Ronald S.; Boden, Richard M.; and Schreiber, William L., 4,524,783, Cl. 131-276.000.
- Schreier, Kurt; Bartsch, Karl; Knoll, Helmut; and Tomazic, Gerd, to Vereinigte Edelstahlwerke AG (VEW). Method of producing a thermally insulated body. 4,554,041, 11-19-85, Cl. 156-276.000.
- Schreinemacher, Herbert: *See—*
  - Hennings, Detlev; and Schreinemacher, Herbert, 4,503,482, Cl. 361-321.000.
  - Hennings, Detlev; Schnell, Axel; and Schreinemacher, Herbert, 4,551,269, Cl. 252-520.000.
- Schreiner, Ceinwen A.: *See—*
  - Blackburn, Gary R.; Mackerer, Carl R.; and Schreiner, Ceinwen A., 4,499,187, Cl. 435-34.000.
- Schreiner, Donald G.: *See—*
  - Brown, Vincent B.; and Schreiner, Donald G., 4,534,098, Cl. 29-564.800.
- Schreiner, Herbert: *See—*
  - Votteler, Arno; Lanuzzi, Max; Dubach, Fredi; and Schreiner, Herbert, 4,553,483, Cl. 108-4.000.
- Schreiner, Hermann, to Dr. Ing. h.c.F. Porsche Aktiengesellschaft. Ignition distributor for an internal combustion engine. 4,545,340, 10-8-85, Cl. 123-146.50A.
- Schreiner, Horst; and Rothkegel, Bernhard, to Siemens Aktiengesellschaft. Method for the dry molding of formed parts. 4,543,223, 9-24-85, Cl. 264-120.000.
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- Schreiner, Peter; Wegh, John R.; and Smith, Roger L., to Allied Corporation. Heat shield for a brake. 4,527,672, 7-9-85, Cl. 188-264.00G.
- Schreiter, Manfred: *See—*
  - Walter, Kurt; Gokorsch, Wilfried; Kurth, Gunter; Grusdt, Rainer; and Schreiter, Manfred, 4,543,770, Cl. 53-511.000.
- Schreiter, Peter: *See—*
  - Rothfuss, Hans; Wieland, Gunter; and Schreiter, Peter, 4,545,568, Cl. 266-280.000.
- Schrekeis, Josef; and Murphy, Gerard P., to University of Illinois, The Board of Trustees of The. Adjustable collet. 4,496,165, 1-29-85, Cl. 279-46.00R.
- Schrenk, Jurgen, to Boehringer Mannheim GmbH. Homogeneous enzyme immunoassay with heating step after incubation, THERESIA. 4,510,240, 4-9-85, Cl. 435-7.000.
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  - Lill, Helmut; Schrenk, Jurgen; and Wunderwald, Peter, 4,496,653, Cl. 435-7.000.
- Schreuders, Hans G.: *See—*
  - Schilling, Peter; and Schreuders, Hans G., 4,494,992, Cl. 106-277.000.
- Schreuders, Jan: *See—*
  - O'Sullivan, Dermot; and Schreuders, Jan, 4,529,927, Cl. 323-222.000.
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  - Gruner, Hans; Schrewe, Hans; Pleschiutschnigg, Fritz-Peter; and Diederich, Gerd, 4,531,567, Cl. 164-415.000.
- Schrey, Wolfgang: *See—*
  - Barfuss, Juergen; Oestreich, Ulrich; Schoeber, Gernot; and Schrey, Wolfgang, 4,541,686, Cl. 350-96.230.
- Schreyegg, Otmar: *See—*
  - Baumann, Theodor; and Schreyegg, Otmar, 4,499,699, Cl. 52-169.100.
- Schreyer, Fritz: *See—*
  - Sternberg, Walter; Schreyer, Fritz; and Ruth, Ursula, 4,510,811, Cl. 73-611.000.
- Schreyer, Gerold: *See—*
  - Bung, Richard; Gans, Karl; Schreyer, Gerold; and Welzel, Gerhard, 4,534,720, Cl. 425-7.000.
  - Haas, Franz; Janisch, Gerhard; and Schreyer, Gerold, 4,535,004, Cl. 427-212.000.
  - Haas, Franz; Janisch, Gerhard; and Schreyer, Gerold, 4,535,005, Cl. 427-212.000.
- Schriber, Louis; Stephens, Robert E.; and Blaha, John F., to Harris Graphics Corporation. Business forms press. 4,512,256, 4-23-85, Cl. 101-248.000.
- Schriever, Matthias P.; and Wong, Chun-Ming, to Boeing Company, The. Method of making peelable non-metallic shims. 4,526,641, 7-2-85, Cl. 156-247.000.
- Schrijver, Jan; and Vossebeld, Arnold, to Stamicarbon B.V. Polymer powder compositions, particularly polyethylene powder compositions and objects to be made and made thereof. 4,533,696, 8-6-85, Cl. 524-528.000.
- Schrock, Clifford B., to C-Cor Labs, Inc. Remote level adjustment system for use in a multi-terminal communications system. 4,512,033, 4-16-85, Cl. 455-2.000.
- Schrock, Wilfried: *See—*
  - Metzger, Karl G.; Schrock, Wilfried; Habich, Dieter; Naab, Paul; and Zeiler, Hans-Joachim, 4,515,789, Cl. 514-196.000.
- Schroder, Christine: *See—*
  - Greb, Wolfgang; Christophliemk, Peter; and Schroder, Christine, 4,537,771, Cl. 424-154.000.
  - Wichelhaus, Winfried; and Schroder, Christine, 4,528,149, Cl. 264-13.000.
- Schroder, Dieter, to Paul Vom Stein & Co. Roller for moving equipment, furniture or the like. 4,549,592, 10-29-85, Cl. 152-328.000.
- Schroder, Ernst F., to Licentia Patent-Verwaltungs-GmbH. Electronic amplifier having a transmission factor that is variable by means of a controllable voltage, specifically an expander. 4,513,253, 4-23-85, Cl. 330-278.000.
- Schroder, Gunter, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Method for carrying out repair, maintenance or testing apparatus, components and the like in hot cells. 4,526,311, 7-2-85, Cl. 228-119.000.
- Schroder, Gunter; Eichhorn, Rudolf; and Schrader, Heinolf, to Deutche Gesellschaft fur Wiederaufarbeitung von Kernrennstoffen GmbH. Apparatus for feeding a wire from a coil to a processing station. 4,531,682, 7-30-85, Cl. 242-54.00R.
- Schroder, Gunter; and Kiehne, Joachim, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Apparatus for positioning, connecting and handling components. 4,545,569, 10-8-85, Cl. 269-43.000.
- Schroder, Gunter: *See—*
  - Besecke, Siegmund; Schroder, Gunter; Ude, Werner; and Wunderlich, Winfried, 4,492,805, Cl. 568-012.000.
  - Besecke, Siegmund; Siegert, Hermann-Josef; and Schroder, Gunter, 4,504,675, Cl. 560-233.000.
  - Besecke, Siegmund; and Schroder, Gunter, 4,562,234, Cl. 526-241.000.
- Schroder, Johann: *See—*
  - Piel, Vera; and Schroder, Johann, 4,491,529, Cl. 252-70.000.
- Schroder, Joris, to Inventio AG. Group control for elevators containing an apparatus for controlling the down-peak traffic. 4,492,288, 1-8-85, Cl. 187-29.00R.
- Schroder, Karlheinz: *See—*
  - Ramesohl, Hubert; Seelen, Fritz; Filges, Ralf; Schroder, Karlheinz; and Veiser, Elmar, 4,508,503, Cl. 432-109.000.
- Schroder, Ludwig: *See—*
  - Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,509,972, Cl. 71-92.000.
  - Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,523,945, Cl. 71-92.000.
- Schroder, Paul: *See—*
  - Prenner, Herbert; and Schroder, Paul, 4,544,855, Cl. 310-59.000.
- Schroder, Peter; Kunkel, Fred; and Hummel, Peter, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Ink film dispensing system for a printing press. 4,534,290, 8-13-85, Cl. 101-365.000.
- Schroder, Peter: *See—*
  - Harmatzy-Simon, Bela; Schroder, Peter; Buchel, Peter A., deceased; and Buchel nee Diekmann, Helga, legal representative, 4,491,249, Cl. 222-325.000.
- Schroder, Rolf; and Lurssen, Klaus, to Bayer Aktiengesellschaft. Plant growth-regulating 1-amino-cyclopropanecarboxylic acid metal complexes. 4,494,982, 1-22-85, Cl. 71-97.000.
- Schroder, Rolf; and Lurssen, Klaus, to Bayer Aktiengesellschaft. Method and compositions for regulating plant growth using cycloalkane-carboxylic acid compounds. 4,554,017, 11-19-85, Cl. 71-113.000.

Schroder, Theo: *See—*
  Metzger, Karl G.; Pfitzner, Jorg; Schmidt, Delf; Weyland, Horst; Benz, Gunter; and Schroder, Theo, 4,546,079, Cl. 435-71.000.
Schroder, Ulf; and Mosbach, Klaus. Intravascularly administrable, magnetically responsive nanosphere or nanoparticle, a process for the production thereof, and the use thereof. 4,501,726, 2-26-85, Cl. 424-1.100.
Schrodl, Hermann, to Fried. Krupp Gesellschaft mit beschrankter Haftung. Impact crusher. 4,506,837, 3-26-85, Cl. 241-97.000.
Schrodter, Klaus; and Maurer, Alexander, to Hoechst Aktiengesellschaft. Linear, substantially water-insoluble ammonium polyphosphates and process for making them. 4,511,546, 4-16-85, Cl. 423-305.000.
Schroeck, Calvin W. Phosphorus-containing metal salt/olefin compositions and reaction products of same with active sulfur. 4,507,215, 3-26-85, Cl. 252-32.70E.
Schroedel, Helmut; and Nugent, Nancy. Reading aid apparatus, especially a copyholder for typewriters. 4,558,527, 12-17-85, Cl. 40-343.000.
Schroeder, Albert H.; Denisevich, Peter, Jr.; Suzuki, Shigeto; and Kurkov, Victor P., to Chevron Research Company. Triazole electroactive polymers. 4,519,940, 5-28-85, Cl. 252-500.000.
Schroeder, Albert H.: *See—*
  Denisevich, Peter, Jr.; Suzuki, Shigeto; Kurkov, Victor P.; and Schroeder, Albert H., 4,502,980, Cl. 252-500.000.
  Kurkov, Victor P.; Schroeder, Albert H.; Denisevich, Peter, Jr.; and Suzuki, Shigeto, 4,505,842, Cl. 252-500.000.
  Suzuki, Shigeto; Kurkov, Victor P.; Schroeder, Albert H.; and Denisevich, Peter, Jr., 4,505,843, Cl. 252-500.000.
Schroeder Brothers Corporation: *See—*
  Keeney, Keith; and Wehner, Dennis J., 4,516,467, Cl. 91-31.000.
Schroeder, Charles M., Jr.: *See—*
  Paek, Un C.; and Schroeder, Charles M., Jr., 4,533,378, Cl. 65-3.120.
  Paek, Un C.; and Schroeder, Charles M., Jr., 4,539,226, Cl. 427-163.000.
Schroeder, Clifford A. Rigid duct with bendable elbow. 4,508,370, 4-2-85, Cl. 285-53.000.
Schroeder, Donald E., Jr., to Marathon Oil Company. Polymer flow control apparatus. 4,510,397, 4-9-85, Cl. 290-43.000.
Schroeder, Donald E., Jr.; Plummer, Mark A.; and Zimmerman, Carle C., Jr., to Marathon Oil Company. Sulfonation of crude oils with gaseous SO_3 to produce petroleum sulfonates. 4,560,517, 12-24-85, Cl. 260-505.00R.
Schroeder, George O.: *See—*
  Hsu, Joseph C.; Schroeder, George O.; and Steen, Robert A., 4,546,882, Cl. 206-484.000.
  Newsome, David L.; Rein, Arnold R.; Hoss, Bradley J.; and Schroeder, George O., 4,557,780, Cl. 156-244.110.
Schroeder, Hansjuergen A.: *See—*
  Henderson, Richard; Rothgery, Eugene F.; and Schroeder, Hansjuergen A., 4,496,559, Cl. 514-188.000.
Schroeder, Jack A.; and Winkler, Ernel R., to Motorola, Inc. Metallization and bonding means and method for VLSI packages. 4,513,355, 4-23-85, Cl. 361-403.000.
Schroeder, Jeffrey L., to Product Identification Corporation. Marking machine control system. 4,548,519, 10-22-85, Cl. 400-61.000.
Schroeder, John E. Marshmallow sheet and packaging arrangement. 4,560,562, 12-24-85, Cl. 426-87.000.
Schroeder, Joseph W., to Foster Wheeler Energy Corporation. Apparatus for forming an explosively expanded tube-tube sheet joint including a low energy transfer cord and booster. 4,494,392, 1-22-85, Cl. 72-56.000.
Schroeder, Mark E.: *See—*
  Davis, Royston H.; Schroeder, Mark E.; and Mitchell, Terence N., 4,504,489, Cl. 514-493.000.
Schroeder, Matt. Butter dispenser. 4,544,083, 10-1-85, Cl. 222-47.000.
Schroeder, Philip W., to J. I. Case Company. Dual wheel mounting arrangement. 4,526,425, 7-2-85, Cl. 301-36.00R.
Schroeder, Robert E.: *See—*
  Andersen, Brad E.; Hamilton, Billy H.; and Schroeder, Robert E., 4,562,548, Cl. 364-483.000.
Schroeder, Robert W.: *See—*
  Roerig, Arnold J.; and Schroeder, Robert W., 4,517,056, Cl. 162-344.000.
Schroeder, Roberto: *See—*
  Nielsen, Hans C. A.; and Schroeder, Roberto, 4,512,809, Cl. 106-103.000.
Schroeder, Russell G.: *See—*
  Ward, Joseph W.; Povio, Raymond A.; Schroeder, Russell G.; and Chan, Patrick S., 4,558,391, Cl. 361-155.000.
Schroeder, Thaddeus; and Ryan, William P., to General Motors Corporation. Method of determining engine cylinder compression pressure and power output. 4,539,841, 9-10-85, Cl. 73-116.000.
Schroeder, Thaddeus: *See—*
  Ryan, William P.; and Schroeder, Thaddeus, 4,520,658, Cl. 73-117.300.
Schroeder, Walter W., to Sprague Electric Company. Wet-electrolyte capacitor package. 4,494,174, 1-15-85, Cl. 361-433.000.
Schroeder, Warren C. Garment suspension waistband. 4,516,275, 5-14-85, Cl. 2-308.000.
Schroeppel, Edward A., to Cordis Corporation. System for controlling body implantable action device. 4,543,955, 10-1-85, Cl. 128-635.000.
Schroeppel, Edward A., to Cordis Corporation. Method and apparatus for setting and changing parameters or functions of an implanted device. 4,545,380, 10-8-85, Cl. 128-419.00P.
Schroer, Franz-Josef, to A. Monforts GmbH & Co. Pin or clip chain for web tensioning or stretching machines. 4,545,098, 10-8-85, Cl. 26-89.000.
Schroer Manufacturing Co., Inc.: *See—*
  LoMaglio, F. Leo, 4,526,133, Cl. 119-17.000.
Schroer, Walter; and Wlasitsch, Gyula, to Bayer Aktiengesellschaft; and Graboplast. Coated composite material for lining passages. 4,521,465, 6-4-85, Cl. 428-35.000.
Schroer, Walter: *See—*
  Thoma, Wilhelm; Langel, Rolf; Schmitz, Anton; and Schroer, Walter, 4,507,413, Cl. 524-42.000.
  Thoma, Wilhelm; Nachtkamp, Klaus; Schroer, Walter; and Langel, Rolf, 4,543,144, Cl. 156-230.000.
Schroers, Otto: *See—*
  Hubner, Wolfgang; Klein, Helmut; Goldacker, Erhard; and Schroers, Otto, 4,530,943, Cl. 523-318.000.
Schrofelbauer, Herbert; Kakl, Josef; Staudinger, Gernot; and Filipot, Hermann, to Osterreichische Draukraftwerke Aktiengesellschaft. Method of and apparatus for the desulfurization of flue gas of a coal-fired combustion process. 4,509,436, 4-9-85, Cl. 110-345.000.
Schrofelbauer, Herbert; and Staudinger, Gernot, to Osterreichische Draukraftwerke Aktiengesellschaft. Method of desulfurizing flue gases of coal firings. 4,519,995, 5-28-85, Cl. 423-244.000.
Schroll, Craig R.: *See—*
  Katz, Murray; and Schroll, Craig R., 4,548,874, Cl. 429-18.000.
  Vine, Raymond W.; Schroll, Craig R.; and Reiser, Carl A., 4,538,348, Cl. 29-623.100.
Schromm, Kurt: *See—*
  Mentrup, Anton; Renth, Ernst-Otto; Schromm, Kurt; Hoefke, Wolfgang; and Gaida, Wolfram, 4,539,323, Cl. 514-260.000.
  Mentrup, Anton; Schromm, Kurt; Renth, Ernst-Otto; Muacevic, Gojko; and Fugner, Armin, 4,558,061, Cl. 514-392.000.
  Renth, Ernst-Otto; Mentrup, Anton; Schromm, Kurt; Traunecker, Werner; and Reichl, Richard, 4,546,102, Cl. 514-259.000.
Schron, Jack H.; and Seidel, Lawrence H., to Jergens, Inc. Hydraulic-mechanical clamping device. 4,511,127, 4-16-85, Cl. 269-32.000.
Schron, Steven M., to Xerox Corporation. Consumable status display. 4,496,237, 1-29-85, Cl. 355-14.00C.
Schroter & Bake GmbH & Co., KG: *See—*
  Schroter, Stefan, 4,523,675, Cl. 206-44.00R.
Schroter, Stefan, to Schroter & Bake GmbH & Co., KG. Collapsible display stand with attached tray. 4,523,675, 6-18-85, Cl. 206-44.00R.
Schroth, Milton N.: *See—*
  Orser, Cindy; Loper, Joyce; Panopoulos, Nickolas; Lindow, Steven; and Schroth, Milton N., 4,540,667, Cl. 435-172.300.
Schrotter, Eberhard: *See—*
  Teubner, Herbert; Kramer, Axel; Weuffen, Wolfgang; Schrotter, Eberhard; and Grubel, Gerhard, 4,532,367, Cl. 568-745.000.
Schrotz, Kurt; and Becker, Werner, to Esselte Pendaflex Corporation. Device for intermittently transporting a label bearing tape in a manually operated labeler. 4,544,433, 10-1-85, Cl. 156-384.000.
Schrotz, Kurt: *See—*
  Kistner, Heinz; and Schrotz, Kurt, 4,491,497, Cl. 156-384.000.
Schrubba, Gerald P.: *See—*
  Bradshaw, Norman F.; and Schrubba, Gerald P., 4,532,983, Cl. 165-47.000.
Schrum, Timothy J. Method for applying powdered coatings. 4,495,217, 1-22-85, Cl. 427-27.000.
Schubart, Rudiger; and Magg, Hans, to Bayer Aktiengesellschaft. Cobalt-boron compounds. 4,534,901, 8-13-85, Cl. 556-7.000.
Schubert, Dale W.: *See—*
  Peterson, Robert R.; Schubert, Dale W.; and Cholakis, Peter N., 4,492,949, Cl. 338-114.000.
Schubert, Elliot V. Heating appliance. 4,524,754, 6-25-85, Cl. 126-110.00R.
Schubert, Hermann; and Thone, Heinrich, to Voest-Alpine Aktiengesellschaft. Horizontal continuous casting plant. 4,505,320, 3-19-85, Cl. 164-440.000.
Schubert, Hermann; Ahrens, Max; and Haissig, Manfred, to Voest-Alpine Aktiengesellschaft; and Vereinigte Edelstahlwerke Aktiengesellschaft. Continuous casting installation. 4,532,977, 8-6-85, Cl. 164-442.000.
Schubert, Hermann; Thone, Heinrich; and Kasmader, Richard, to Voest-Alpine Aktiengesellschaft. Continuous casting mould. 4,541,478, 9-17-85, Cl. 164-440.000.
Schubert, Hermann: *See—*
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Schubert, Hiltmar: *See—*
  Muller, Dietmar; Schubert, Hiltmar; and Krohnert, Rudolf, 4,493,630, Cl. 425-203.000.
Schubert, James R.: *See—*
  Brown, Omar L.; Peters, Don B.; and Schubert, James R., 4,503,989, Cl. 220-269.000.
Schubert, Johannes, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Apparatus for supplying liquid mediums to rollers of printing machines utilizing a distributor plate. 4,535,692, 8-20-85, Cl. 101-337.000.
Schubert, Karl-Friedrich: *See—*
  Deutscher, Hans-Christian; Kohler, Alfred; Prohaska, Hans; and Schubert, Karl-Friedrich, 4,550,469, Cl. 15-250.340.
Schubert, Paul: *See—*
  Fischer, Peter; and Schubert, Paul, 4,535,527, Cl. 29-568.000.
Schubert, Richard M.: *See—*
  Esders, Theodore W.; Lynn, Shirley Y.; Findlay, John B.; and Schubert, Richard M., 4,547,461, Cl. 435-17.000.

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Artzt, Peter; Muller, Heinz; Egbers, Gerhard; and Neher, Heinz, 4,497,166, Cl. 57-263.000.

Bock, Erich; Lovas, Kurt; Promoli, Johann-Christian; and Dammig, Joachim, 4,553,709, Cl. 242-47.010.

Landwehrkamp, Hans; and Schneider, Gottfried, 4,501,221, Cl. 118-78.000.

Landwehrkamp, Hans; Schneider, Gottfried; and Pohn, Johann, 4,505,102, Cl. 57-408.000.

Oexler, Rudolf, 4,503,663, Cl. 57-404.000.

Schuller, Edmund; Mayer, Walter; Hini, Eugen; Bock, Erich; and Lovas, Kurt, 4,501,116, Cl. 57-263.000.

Schubert, Werner: *See—*

Oestreich, Ulrich; and Schubert, Werner, 4,496,214, Cl. 350-96.230.

Schuberth-Werk GmbH & Co. KG: *See—*

Zahn, Christian, 4,527,290, Cl. 2-416.000.

Schubler, Rainer: *See—*

Damson, Eckart; Moser, Winfried; Muller, Klaus; Rieger, Franz; and Schubler, Rainer, 4,506,186, Cl. 313-129.000.

Schubring, Allin W.; and Sehmer, Robert W., to Square D Company. Pneumatic timing attachment for an electromagnetic device. 4,535,310, 8-13-85, Cl. 335-61.000.

Schubring, Allin W., to Square D Company. Pneumatic timing attachment for an electromagnetic device. 4,553,117, 11-12-85, Cl. 335-61.000.

Schubring, Norman W., to General Motors Corporation. Microwave heating control and calorimetric analysis. 4,541,729, 9-17-85, Cl. 374-31.000.

Schuchard, Walter F.: *See—*

Marsocci, Angelo A.; and Schuchard, Walter F., 4,517,555, Cl. 340-522.000.

Schuchardt, Kurt; Scholz, Harald; Neuss, Hans W.; and Pech, Georg, to Hoechst Aktiengesellschaft. Cooling device. 4,552,727, 11-12-85, Cl. 422-241.000.

Schuchmann, Russell P.; and Van Zeeland, Donald L., to Eaton Corporation. Proximity switch exhibiting improved start-up characteristics. 4,543,527, 9-24-85, Cl. 324-207.000.

Schuck, David B.: *See—*

Gunderson, Robert O.; Kocol, James C.; and Schuck, David B., 4,494,185, Cl. 364-200.000.

Schuck, Helmut: *See—*

Forster, Karl-Heinz; Schuck, Helmut; Johne, Hans; and Jentzsch, Arndt, 4,510,867, Cl. 101-365.000.

Schuck, Howard L. Hitch with swiveling tongue. 4,515,387, 5-7-85, Cl. 280-478.00A.

Schuck, Jack K.; and Adams, Neal J., to Zimpro Inc. Multiple hearth furnace chamber. 4,505,210, 3-19-85, Cl. 110-336.000.

Schuck, Paul R., to J. I. Case Company. Failsafe brake actuating assembly. 4,503,945, 3-12-85, Cl. 188-71.800.

Schuck, Thomas W., to Air Products and Chemicals, Inc. High pressure helium pump for liquid or supercritical gas. 4,559,786, 12-24-85, Cl. 62-55.000.

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Schanz, Friedrich; Schucker, Emil; Schucker, Eberhard; and Perrot, Alexander, 4,511,085, Cl. 239-242.000.

Schucker, Emil: *See—*

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Schanz, Friedrich; Schucker, Emil; and Perrot, Alexander, 4,545,532, Cl. 239-242.000.

Schucker, Robert C.: *See—*

Stuntz, Gordon F.; and Schucker, Robert C., 4,504,379, Cl. 208-113.000.

Wheelock, Kenneth S.; and Schucker, Robert C., 4,522,706, Cl. 208-121.000.

Schuco Heinz Schurmann GmbH & Co: *See—*

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Schudel, Peter: *See—*

Crameri, Yvo; Ochsner, Paul A.; and Schudel, Peter, 4,508,925, Cl. 568-442.000.

Schudlich, Kurt; Vielstich, Gunter; Muhlenbeck, Josef; Otto, Josef; Bauer, Hannsgeorg; Zollner, Dieter H.; and Rittmann, Friedrich, to Arc Technologies Systems Ltd. Device for nippling active electrode sections onto a combination electrode. 4,518,365, 5-21-85, Cl. 445-67.000.

Schuelke, Richard D.: *See—*

Johnson, Ronald R.; Melville, James A.; and Schuelke, Richard D., 4,494,900, Cl. 414-27.000.

Schuemann, Klaus D.: *See—*

Bright, Edward J.; Marpoe, Gary R., Jr.; Schuemann, Klaus D.; and Sheesley, Wilmer L., 4,498,725, Cl. 339-176.00M.

Schuerch, Peter E., to New England Ropes, Inc. Rope or cable and method of making same. 4,534,163, 8-13-85, Cl. 57-233.000.

Schuerer, Paul H.; Ehl, James H.; and Prasthofer, Willibald P., to United States of America, National Aeronautics and Space Administration. Cryogenic insulation strength and bond tester. 4,548,083, 10-22-85, Cl. 73-827.000.

Schuermeyer, Fritz L., to United States of America, Air Force. Method of making self-aligned IGFET. 4,532,695, 8-6-85, Cl. 29-571.000.

Schuett, Dieter: *See—*

Fuchs, Peter; Mueller-Glaser, Klaus; Schuett, Dieter; and Wach, Wolfgang, 4,534,008, Cl. 364-716.000.

Schuett, Walter: *See—*

Buerkle, Ottmar; Schmidts, Kurt; Schneider, Alfred; and Schuett, Walter, 4,530,475, Cl. 242-199.000.

Schmidts, Kurt; and Schuett, Walter, 4,527,690, Cl. 206-387.000.

Schuette, Donald K.: *See—*

Reichert, Gilbert A.; and Schuette, Donald K., 4,496,791, Cl. 174-51.000.

Schuette, Heinz. Modular building. 4,527,370, 7-9-85, Cl. 52-282.000.

Schuette, Scott D.: *See—*

Mueller, Wayne A.; and Schuette, Scott D., 4,550,250, Cl. 250-203.00R.

Schuettenberg, Alexander D., to Phillips Petroleum Company. Fuel additives from borated, acid-treated mixtures of vegetable oil derived amides and esters. 4,505,725, 3-19-85, Cl. 44-66.000.

Schuettenberg, Alexander D.; and Gragson, James T., to Phillips Petroleum Company. Method of forming solid form fuel additives. 4,515,740, 5-7-85, Cl. 264-50.000.

Schuettenberg, Alexander D.: *See—*

Macdonell, Gary D.; Lindstrom, Merlin R.; Baldwin, Bernard A.; Louthan, Rector P.; and Schuettenberg, Alexander D., 4,537,690, Cl. 252-48.400.

Schuettpelz, Daryl, to C.R.O. Inc. Punch marker height control. 4,511,977, 4-16-85, Cl. 364-475.000.

Schuetz, James E.: *See—*

Keskey, William H.; Schuetz, James E.; and Lee, Do I., 4,508,869, Cl. 524-808.000.

Schuetz, Jeffrey M.: *See—*

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Schuh, Bernhard, to Papst-Motoren GmbH & Co. KG. Labyrinth seal in disk storage drive. 4,535,373, 8-13-85, Cl. 360-97.000.

Schuh, Bernhard: *See—*

von der Heide, Johann; and Schuh, Bernhard, 4,497,002, Cl. 360-97.000.

Schuh, Frank J., to Atlantic Richfield Company. Drainhole drilling. 4,519,463, 5-28-85, Cl. 175-61.000.

Schuh, Frank J., to Atlantic Richfield Company. Drainhole drilling assembly and method. 4,523,652, 6-18-85, Cl. 175-61.000.

Schuh, Gerald J. Tree brace system. 4,520,590, 6-4-85, Cl. 47-43.000.

Schuh, Gottfried, to Siemens Aktiengesellschaft. Contact for an MIS-semiconductor component and method for manufacturing the same. 4,502,069, 2-26-85, Cl. 357-23.400.

Schuhmann, Siegfried; and Schniggenfittig, Gunther, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Ink metering system in letterpress and offset printing machines. 4,559,874, 12-24-85, Cl. 101-350.000.

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Schuiling, Theodorus A.; and Morsing, Gijsbertus B., to Daisy Systems Holland B.V. Apparatus for mounting a daisy wheel in a daisy wheel printer. 4,544,290, 10-1-85, Cl. 400-175.000.

Schukei, Glen E., to Combustion Engineering, Inc. Method of installing a tube sleeve. 4,505,017, 3-19-85, Cl. 29-157.30R.

Schukolinski, Manfred, to MIGUA Hammerschmidt GmbH. Bridging expansion joint device. 4,504,170, 3-12-85, Cl. 404-55.000.

Schuld, Leo A. Remote controlled cover and mounting means therefore. 4,526,288, 7-2-85, Cl. 220-264.000.

Schulein, Rolf G.: *See—*

Knebel, Michael; and Schulein, Rolf G., 4,557,012, Cl. 15-116.00R.

Liebscher, Johannes; and Schulein, Rolf G., 4,546,512, Cl. 15-41.00R.

Schuler, Bernhard; Schuller, Ferdinand; and Wohlgemuth, Werner, to Theodor Groz & Sohne & Ernst Beckert Nadelfabrik Commandit-Gesellschaft. Stamped knitting tool for knitting machines. 4,548,056, 10-22-85, Cl. 66-121.000.

Schuler, Bernhard; and Beck, Ernst, to Theodor Groz & Sohne & Ernst Beckert Nadelfabrik Commandit-Gesellschaft. Stamped knitting tool for knitting machines. 4,553,411, 11-19-85, Cl. 66-123.000.

Schuler, Chester L.: *See—*

Barker, Ronald C.; and Schuler, Chester L., 4,538,188, Cl. 360-14.300.

Schuler, Daniel: *See—*

Hulin, Rene; and Schuler, Daniel, 4,524,635, Cl. 74-476.000.

Schuler, John G.; and Lingenfelter, Lowell R., to Teledyne Industries, Inc. Printed circuit board connector with integral ground plane. 4,511,196, 4-16-85, Cl. 339-14.00R.

Schuler, Murry W.: *See—*

Alm, Arthur L.; and Schuler, Murry W., 4,497,328, Cl. 130-27.00K.

Alm, Arthur L., 4,561,972, Cl. 209-254.000.

Schuler, Paul D.: *See—*

Johanson, Edwin S.; and Schuler, Paul D., 4,510,037, Cl. 208-8.0LE.

Schuliers, Wolfgang: *See—*

Wawra, Helmut; and Schuliers, Wolfgang, 4,502,746, Cl. 339-3.00S.

Schulke, Karl A., to Heraeus-Quarzschmelze GmbH. Bell of opaque fused silica. 4,497,277, 2-5-85, Cl. 118-733.000.

Schulke, Karl A.: *See—*

Gutermann, Alfons; Herzog, Heinz; Mohn, Heinrich; and Schulke, Karl A., 4,530,818, Cl. 422-240.000.

Schuller, Edmund; Mayer, Walter; Hini, Eugen; Bock, Erich; and Lovas, Kurt, to Schubert & Salzer AG. Process for winding a newly joined thread onto a tube newly inserted in a spooling device. 4,501,116, 2-26-85, Cl. 57-263.000.

Schuller, Ferdinand: *See—*

Schuler, Bernhard; Schuller, Ferdinand; and Wohlgemuth, Werner, 4,548,056, Cl. 66-121.000.

Schuller, James T., to UMC Industries, Inc. Vendor change return control. 4,499,985, 2-19-85, Cl. 194-10.000.

Schuller, James T.; Griner, Paul K.; and Mak, Nai H., to UMC Industries, Inc. Vendor accountability system. 4,512,453, 4-23-85, Cl. 194-1.00N.

Schuller, James T.; Smith, Barry L.; and Griner, Paul K., to UMC Industries, Inc. Coin apparatus having coin escrow and return means. 4,512,454, 4-23-85, Cl. 194-1.00D.

Schulman, David A. Seat having movable supporting surfaces. 4,524,762, 6-25-85, Cl. 128-33.000.

Schulman, Marvin: *See—*

Altomare, Robert E.; Beale, Robert J.; Glicksman, Martin; Hegedus, Elizabeth; Schulman, Marvin; and Silverman, Jerry E., 4,526,794, Cl. 426-258.000.

Schulmeyer, Herbert G., to Dentsply Research & Development Corp. Procedure for firing dental porcelain on metal. 4,498,865, 2-12-85, Cl. 432-18.000.

Schulp, Philip P.: *See—*

Muller-Girard, Otto; and Schulp, Philip P., 4,527,217, Cl. 361-179.000.

Schulte, Bernhard: *See—*

Serini, Volker; Schulte, Bernhard; Block, Hans-Dieter; and Freitag, Dieter, 4,491,656, Cl. 528-167.000.

Schulte-Elte, Karl-Heinrich; and Muller, Bernard L., to Firmenich SA. Aliphatic alcohols and esters and their use as perfuming ingredients. 4,525,298, 6-25-85, Cl. 252-522.00R.

Schulte-Elte, Karl-Heinrich; Snowden, Roger L.; and Muller, Bernard L., to Firmenich SA. Process for the preparation of polyunsaturated cycloaliphatic ketones. 4,543,431, 9-24-85, Cl. 568-826.000.

Schulte, Hans-Gerd, to Krupp Polysius AG. Process for the production of sintered magnesite from magnesium hydroxide. 4,497,761, 2-5-85, Cl. 264-66.000.

Schulte, Harmut: *See—*

Geis, Heinz; Lautenschlager, Heinz; Schulte, Harmut; and Uliczka, Siegmund, 4,507,102, Cl. 474-101.000.

Schulte, Heinrich: *See—*

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Schulte, Heinz, to G. L. Rexroth GmbH. Control-circuit throttle valve. 4,519,296, 5-28-85, Cl. 91-388.000.

Schulte, Heinz, to Mannesmann Rexroth GmbH. Seal assembly for pivotal rod. 4,522,414, 6-11-85, Cl. 277-212.00R.

Schulte, Heinz: *See—*

Mucheyer, Norbert; and Schulte, Heinz, 4,518,010, Cl. 137-587.000.

Mucheyer, Norbert; and Schulte, Heinz, 4,524,945, Cl. 251-75.000.

Roschlein, Rolf; and Schulte, Heinz, 4,514,743, Cl. 346-140.00R.

Schulte, Herbert: *See—*

Burckhardt, Manfred; and Schulte, Herbert, 4,503,944, Cl. 188-71.600.

Schulte-Huermann, Werner: *See—*

Hemmerich, Heinz-Peter; Schulte-Huermann, Werner; and Dohm, Heinz, 4,506,103, Cl. 568-744.000.

Schulte in den Baumen, Joachim, to Carl-Zeiss-Stiftung. Cooled field optical system for infrared telescopes. 4,521,068, 6-4-85, Cl. 350-1.100.

Schulte, Jan J. Skid mounted multiple weaning calf enclosure. 4,508,060, 4-2-85, Cl. 119-16.000.

Schulte & Lestraden B.V.: *See—*

Lestraden, Jacobus W., 4,513,531, Cl. 47-39.000.

Lestraden, Jacobus W., 4,514,929, Cl. 47-17.000.

Schulte, Richard: *See—*

Lorenz, Horst; and Schulte, Richard, 4,508,255, Cl. 228-5.100.

Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, to Pudenz-Schulte Medical Research Corp. Flow control valve. 4,552,553, 11-12-85, Cl. 604-9.000.

Schulte, Rudolf R.; East, Gary P.; Bryant, Marga M.; and Heindl, Alfons, to Pudenz-Schulte Medical Research Corp. Flow control valve. 4,560,375, 12-24-85, Cl. 604-9.000.

Schulte, Thomas: *See—*

Mansour, James D.; and Schulte, Thomas, 4,508,821, Cl. 435-34.000.

Schulte, Thomas L. Method of chemically debriding ulcerated necrotic tissue. 4,497,824, 2-5-85, Cl. 514-166.000.

Schulte, Willi; and Heimke, Gunther, to Friedrichsfeld GmbH - Steinzeug- und Kunststoffwerke. Tooth implant. 4,560,353, 12-24-85, Cl. 433-173.000.

Schulte, Wolfgang, to Jetform Heisskanalnormalien und Zubehor GmbH, Firma. Multiple hot runner injection bush. 4,492,555, 1-8-85, Cl. 425-548.000.

Schulte, Wolfgang: *See—*

Bechthold, Horst; Fischer, Heinz J.; and Schulte, Wolfgang, 4,541,999, Cl. 423-235.000.

Schulten, Rudolf: *See—*

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Struck, Bernd-Dieter; Biallas, Bernd; and Schulten, Rudolf, 4,544,459, Cl. 204-103.000.

Schultheiss, Hartmut: *See—*

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Schulthess, Adrian: *See—*

de Courten, Alfred; Schulthess, Adrian; and Esteve-Soler, Jose, 4,513,007, Cl. 514-555.000.

Schulthess, Dieter: *See—*

Gaisch, Helmut; and Schulthess, Dieter, 4,524,786, Cl. 131-308.000.

Gaisch, Helmut; Ghiste, Patrick D. L.; and Schulthess, Dieter, 4,537,204, Cl. 131-274.000.

Schulties, Joseph R.: *See—*

Meuschke, Robert E.; and Schulties, Joseph R., 4,511,499, Cl. 252-626.000.

Schultschik, Robert, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Radially adjustable tool head of a cutting machine. 4,551,044, 11-5-85, Cl. 408-185.000.

Schultschik, Robert: *See—*

Grabher, Erich; Muller, Max; Wetzel, Horst; and Schultschik, Robert, 4,550,955, Cl. 308-6.00C.

Schultshick, Robert, to Werkzeugmaschinenfabrik Oerlikon-Buhrle AG. Apparatus for automatically displacing the radial position of a cross-feed slide in a cross-feed head of a cutting machine. 4,552,493, 11-12-85, Cl. 408-3.000.

Schultz, Allan A. Waler bracket. 4,508,310, 4-2-85, Cl. 249-189.000.

Schultz, Charles J. Shoe deweeder. 4,490,911, 1-1-85, Cl. 30-297.000.

Schultz, Charles J. Defense weapon. 4,555,848, 12-3-85, Cl. 30-297.000.

Schultz, Charles R. Decorative fan motor cover and mounting structure therefor. 4,518,314, 5-21-85, Cl. 416-93.00R.

Schultz, Dale E., to Sperry Corporation. Static memory cell with dynamic scan test latch. 4,554,664, 11-19-85, Cl. 371-25.000.

Schultz, Frederick K., to General Motors Corporation. AM stereo pilot signal detection circuitry. 4,503,397, 3-5-85, Cl. 328-138.000.

Schultz, Fredrick W.: *See—*

Bero, Vernon L.; and Schultz, Fredrick W., 4,537,121, Cl. 99-450.400.

Ellsworth, Carroll V.; Schultz, Fredrick W.; and Vastag, Harold J., 4,530,214, Cl. 62-71.000.

Schultz, Friedrich: *See—*

Brandt, Eckhard; and Schultz, Friedrich, 4,548,404, Cl. 271-303.000.

Schultz, George A. Tortilla press and oven unit. 4,508,025, 4-2-85, Cl. 99-353.000.

Schultz, Gerhart: *See—*

Reinecke, Rolf; Rinno, Helmut; and Schultz, Gerhart, 4,558,092, Cl. 524-817.000.

Schultz, Harold H.: *See—*

Schmidt, Ronald E.; Schultz, Harold H.; and Wilson, Dennis M., 4,529,787, Cl. 526-317.000.

Schultz, James D. Collapsible ship and model kit. 4,556,395, 12-3-85, Cl. 446-160.000.

Schultz, John C., to Houdaille Industries, Inc. Linear friction damped mechanism-return devices. 4,505,458, 3-19-85, Cl. 267-9.00B.

Schultz, John R. Modular planter system. 4,561,208, 12-31-85, Cl. 47-83.000.

Schultz, Jurgen: *See—*

Waas, Heinrich; Freitas, Ayres; Schultz, Jurgen; and Varges, Gunter, 4,506,617, Cl. 114-41.000.

Schultz, Ludwig: *See—*

Freller, Helmut; Hassler, Heinrich; Schack, Peter; and Schultz, Ludwig, 4,532,174, Cl. 428-215.000.

Schultz, Mark H.: *See—*

Luhn, Dennis A.; and Schultz, Mark H., 4,533,863, Cl. 322-28.000.

Schultz, Mitchell D. Trigger mechanism for double barrel shotgun. 4,545,143, 10-8-85, Cl. 42-42.00R.

Schultz, Moses R. Hoop chair. 4,558,904, 12-17-85, Cl. 297-441.000.

Schultz, Per-Erik; Chowdhury, Mofazzal H.; and Neff, Clayton B., to Alfa-Laval, Inc. Milker unit washer. 4,516,592, 5-14-85, Cl. 134-169.00C.

Schultz, Peter C.: *See—*

Chyung, Kenneth; Schultz, Peter C.; and Taylor, Mark P., 4,554,197, Cl. 428-113.000.

Schultz, Rainer M. Apparatus for preventing unintentional bending or jackknifing and for improving lateral travelling stability in an articulated vehicle. 4,556,231, 12-3-85, Cl. 280-432.000.

Schultz, Robert H., to Adolph Coors Company. Device and method for uniformly curing uv photoreactive overvarnish layers. 4,503,086, 3-5-85, Cl. 427-54.100.

Schultz, Robert T. Control system for solar heaters. 4,519,379, 5-28-85, Cl. 126-422.000.

Schultz, Robert T. Further-improved control system for solar heating systems. 4,543,944, 10-1-85, Cl. 126-419.000.

Schultz, Ronald L.: *See—*

Marks, Arthur D.; and Schultz, Ronald L., 4,557,123, Cl. 70-395.000.

Schultz, Roy D.: *See—*

Reiss, Leon G.; and Schultz, Roy D., 4,508,988, Cl. 310-154.000.

Schultz, Samuel: *See—*

Boisvert, J. Roger; Schultz, Samuel; and Blaugrund, Robert, 4,501,088, Cl. 43-118.000.

Schultz, Steven C., to Bofors Nobel, Inc. Highly stable dichlorobenzidine dihydrochloride slurry and a method for preparing such. 4,559,160, 12-17-85, Cl. 252-182.000.

Schultz, Steven M.: *See—*

Bryant, John H.; and Schultz, Steven M., 4,517,566, Cl. 343-8.000.

Schultz, Ward E.: *See—*

Smith, Harry D., Jr.; and Schultz, Ward E., 4,492,864, Cl. 250-259.000.

Smith, Harry D., Jr.; Arnold, Dan M.; and Schultz, Ward E., 4,493,998, Cl. 250-252.100.

Schultz, Warren J.; and Saladin, Herbert A., to Motorola, Inc. Electronic fuse for semiconductor devices. 4,562,454, 12-31-85, Cl. 357-51.000.

Schultz, William J.: *See—*

Adam, Randall E.; and Schultz, William J., 4,524,181, Cl. 525-107.000.

Pocius, Alphonsus V.; and Schultz, William J., 4,521,490, Cl. 428-416.000.

Schultz, William R., Jr.: *See—*

Elton, Richard K.; and Schultz, William R., Jr., 4,533,694, Cl. 524-449.000.

Schultze, Eckart F.: *See—*

Barber, Ralph R.; and Schultze, Eckart F., 4,500,069, Cl. 251-282.000.

Schultze, Werner; and Weber, Knut, Jr., to Vereinigte Aluminium-Werke Aktiengesellschaft; and Langlet, Weber KG. Binderless ceramic or ceramic oxide hollow body and method for its manufacture. 4,547,415, 10-15-85, Cl. 428-36.000.

Schulz, Axel, to Robert Bosch GmbH. Method and apparatus for concealing errors in a digital television signal. 4,498,104, 2-5-85, Cl. 358-160.000.

Schulz, Axel; and Sochor, Josef, to Robert Bosch GmbH. Playback preamplifier for magnetic tape recordings. 4,524,396, 6-18-85, Cl. 360-67.000.

Schulz, David J.: *See—*

Paulson, John W.; and Schulz, David J., 4,524,115, Cl. 429-50.000.

Schulz, David W.; and Spaulding, Gail E., to Rockwell International Corporation. Method for expelling entrapped air from reactive metallic layups prior to diffusion bonding. 4,500,033, 2-19-85, Cl. 228-219.000.

Schulz, David W.: *See—*

Goss, Joseph R.; and Schulz, David W., 4,526,312, Cl. 228-157.000.

Schulz, Donald N.; Kitano, Kissho; Burkhardt, Terry J.; and Langer, Arthur W., to Exxon Research & Engineering Co. Drag reduction agent for hydrocarbon liquid. 4,518,757, 5-21-85, Cl. 526-329.000.

Schulz, Donald N.; Kowalik, Ralph M.; Bock, Jan; and Maurer, John J., to Exxon Research & Engineering Co. Drag reduction agent. 4,546,784, 10-15-85, Cl. 137-13.000.

Schulz, Donald N.; Peiffer, Dennis G.; Kowalik, Ralph M.; and Kaladas, Jeffrey J., to Exxon Research & Engineering Co. Drag reduction agent. 4,560,710, 12-24-85, Cl. 523-175.000.

Schulz, Donald N.: *See—*

Duvdevani, Ilan; Eckert, John A.; Schulz, Donald N.; and Kitano, Kissho, 4,523,929, Cl. 44-62.000.

Hall, James E.; and Schulz, Donald N., 4,537,939, Cl. 526-179.000.

Schulz, Eckhard, to Sicowa Verfahrenstechnik fur Baustoffee GmbH & Co. KG. Appliance for heating an electroconductive material in the form of a continuous strand. 4,514,162, 4-30-85, Cl. 425-174.80R.

Schulz, Eckhard, to Sicowa Verfahrenstechnik fuer Baustoffe GmbH & Co. KG. Method for hardening form substances of building materials containing binding agents and autoclave for the execution of the method. 4,560,346, 12-24-85, Cl. 432-24.000.

Schulz, Frank C., Jr., to Barton Mines Corporation, Inc. Optical counting device. 4,556,297, 12-3-85, Cl. 350-529.000.

Schulz, Gerald O.; and Gueldenzopf, Thomas D., to S. C. Johnson & Son, Inc. Polymer sheet for delivering laundry care additive and laundry care product formed from same. 4,557,852, 12-10-85, Cl. 252-95.000.

Schulz, Guenter: *See—*

Buschmann, Ernst; Schulz, Guenter; Heilen, Gerd; Pommer, Ernst-Heinrich; and Ammermann, Eberhard, 4,532,234, Cl. 514-63.000.

Schulz, Guenther; and Wallbillich, Guenther, to BASF Aktiengesellschaft. Acylation of polyvinyl alcohols, and photopolymerizable and/or photocrosslinkable mixtures containing products thus acylated. 4,540,743, 9-10-85, Cl. 525-61.000.

Schulz, Guenther; and Zuerger, Manfred, to BASF Aktiengesellschaft. Photosensitive recording material which can be developed with water, for the production of printing plates, relief plates or resist images. 4,554,240, 11-19-85, Cl. 430-285.000.

Schulz, Gunter; and Bothner, Jakob, to Zinser Textilmaschinen GmbH. Filament drawing frame with variable roller-pair spacing. 4,525,897, 7-2-85, Cl. 19-260.000.

Schulz, Gunter: *See—*

Hartmannsgruber, Max; Kriechbaum, Kurt; Schulz, Gunter; and Guttler, Hermann, 4,512,061, Cl. 19-239.000.

Schulz, Gunther: *See—*

Lynch, John; Naarmann, Herbert; Schulz, Gunther; Vyvial, Rudolf; Wallbillich, Gunter; and Zuerger, Manfred, 4,517,277, Cl. 430-281.000.

Schulz, Hans-Joachim: *See—*

Deike, Karl-Heinz; Schulz, Hans-Joachim; and Sandmann, Jurgen, 4,493,510, Cl. 303-28.000.

Schulz, Hans-Werner, to Siemens Aktiengesellschaft. Ventilation inset for shielding cabins and room screening devices. 4,550,545, 11-5-85, Cl. 52-799.000.

Schulz-Hennig, Jorg, to Dr. Ing. Rudolf Hell GmbH. Method and apparatus for setting and monitoring an exposure spot for printing. 4,542,392, 9-17-85, Cl. 346-160.000.

Schulz, Joachim; and Thelen, Werner, to AURORA Konrad G. Schulz GmbH & Co. Apparatus for heating and ventilating. 4,560,103, 12-24-85, Cl. 236-13.000.

Schulz, Jurgen. Printing attachment and printing method. 4,530,282, 7-23-85, Cl. 101-177.000.

Schulz, Kurt: *See—*

Biber, Klaus; Grunvogel, Karl; Lemcke, Ulrich; Jakubowski, Heinz; and Schulz, Kurt, 4,523,732, Cl. 248-123.100.

Schulz, Peter: *See—*

Klein, Jurgen; and Schulz, Peter, 4,535,065, Cl. 502-21.000.

Vaupel, Knut; and Schulz, Peter, 4,518,286, Cl. 406-46.000.

Schulz, Ralf-Thilo; and Rapp, Helmut, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Mounting member for mounting an engine or transmission of a motor vehicle. 4,549,726, 10-29-85, Cl. 267-140.500.

Schulz, Ralf-Thilo: *See—*

Prochaska, Wolfgang; and Schulz, Ralf-Thilo, 4,525,005, Cl. 293-117.000.

Schulz, Siegfried, to K. A. Schmersal GmbH & Co. Electrical switch. 4,524,251, 6-18-85, Cl. 200-42.00R.

Schulz, Siegmar: *See—*

Bathmann, Hans-Jurgen; Hoh, Bernhard; and Schulz, Siegmar, 4,492,118, Cl. 73-612.000.

Schulz, Volker. Perfusion kit. 4,501,582, 2-26-85, Cl. 604-52.000.

Schulz, Volkmar: *See—*

Hess, Peter; Schulz, Volkmar; and Rampel, Hans, 4,534,534, Cl. 248-424.000.

Schulz, Werner W. Biomembrane demonstration apparatus. 4,496,324, 1-29-85, Cl. 434-295.000.

Schulz, Wilhelm. Connector for heated pipes. 4,521,039, 6-4-85, Cl. 285-41.000.

Schulz, Winfried, to Siemens Aktiengesellschaft. Disconnect switch for metal-clad, pressurized-gas insulated, high-voltage switchgear installation. 4,539,448, 9-3-85, Cl. 200-144.0AP.

Schulze, Arne. Tremolo and electronic control device for stringed instruments. 4,516,462, 5-14-85, Cl. 84-1.160.

Schulze-Berge, Carl J., to Manitowoc Company, Inc., The. Ice machine anti-block control. 4,550,572, 11-5-85, Cl. 62-138.000.

Schulze, Dwain C., Jr.: *See—*

Englund, Michael S.; Hafele, Joseph C.; and Schulze, Dwain C., Jr., 4,520,652, Cl. 73-23.000.

Schulze, Eckehart, to Hartmann & Lammle GmbH & Co. KG. Hydraulic driving arrangement for reciprocable masses or the like. 4,541,241, 9-17-85, Cl. 60-414.000.

Schulze, Ehrhart; and Bochtler, Franz, to Stiegler, Karl Heinz. Apparatus for the manufacture of plastic bags. 4,518,378, 5-21-85, Cl. 493-204.000.

Schulze, Hans-Horst; Loweg, Heribert; and Schneider, Karl-Heinz, to Gewerkschaft Eisenhutte Westfalia. Apparatus for cleaning components used in electrolytic smelting. 4,501,044, 2-26-85, Cl. 15-312.00R.

Schulze, Heinz: *See—*

Waddill, Harold G.; and Schulze, Heinz, 4,518,749, Cl. 525-504.000.

Schulze, Paul E.: *See—*

Hofmeister, Helmut; Schulze, Paul E.; Annen, Klaus; Laurent, Henry; and Wiechert, Rudolf, 4,550,100, Cl. 514-179.000.

Schulze, Rainer: *See—*

Stenz, Paul; Rubroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, 4,529,261, Cl. 339-272.00R.

Schulze, Reinhold, to SKW Trostberg Aktiengesellschaft. Process for the recovery of noble metals from ores; which process uses thiourea. 4,561,947, 12-31-85, Cl. 204-109.000.

Schulze, Wolfgang, to Francotyp-Postalia GmbH. Device for lifting the flaps of letters or envelopes. 4,551,188, 11-5-85, Cl. 156-441.500.

Schumacher, Berthold W. Fluid flow energy converter. 4,500,259, 2-19-85, Cl. 416-122.000.

Schumacher, Edward B.: *See—*

Bronson, Stanley O.; Peterson, John R.; and Schumacher, Edward B., 4,558,016, Cl. 501-95.000.

Schumacher, Gebhard F. B. A.; and Usala, Stephen J., to University Patents, Inc. Method and apparatus for detection of fertility. 4,534,362, 8-13-85, Cl. 128-738.000.

Schumacher, Gerald F., to Minnesota Mining and Manufacturing Company. One-part moisture-curable polyurethane adhesive, coating, and sealant compositions. 4,511,626, 4-16-85, Cl. 428-425.600.

Schumacher, Hans: *See—*

Olderdissen, Ulrich; and Schumacher, Hans, 4,556,977, Cl. 371-37.000.

Schumacher, Heinz: *See—*

Kraft, Helmut; Schumacher, Heinz; Pommer, Ernst-Heinrich; Schlotterbeck, Dietrich; and Ley, Gregor, 4,528,185, Cl. 424-81.000.

Schumacher, Heinz O. Apparatus for the treatment of flaky or granulated material with gases or vapors in a continuous countercurrent process. 4,503,627, 3-12-85, Cl. 34-173.000.

Schumacher, Hermann: *See—*

Velling, Gunther; Schrader, Lothar; and Schumacher, Hermann, 4,518,567, Cl. 422-143.000.

Schumacher, Horst; and Grafen, Paul, to BASF Aktiengesellschaft. Production of dry powders of substances which are sensitive to oxidation. 4,519,961, 5-28-85, Cl. 264-4.600.

Schumacher, Karl, to Ernst Wagner KG-Fordertechnik. Vehicle with two steerable wheels. 4,515,380, 5-7-85, Cl. 280-93.000.

Schumacher, Ralf: *See—*

Struck, Carl-Heinz; Schumacher, Ralf; Kohler, Ingomar; and Leppert, Gerd-Ullrich, 4,561,843, Cl. 432-214.000.

Schumacher, Richard T.: *See—*

Zitelli, Louis T.; and Schumacher, Richard T., 4,550,251, Cl. 250-213.0VT.

Schumacher, Robert W.: *See—*

Schobel, Alexander M.; and Schumacher, Robert W., 4,552,679, Cl. 252-90.000.

Schumacher, Roger A.: *See—*

Rubin, Frank D.; and Schumacher, Roger A., 4,497,176, Cl. 60-584.000.

Schumacher, Rolf; and Grubenmann, Arnold, to Ciba-Geigy Corporation. Lubricant compositions containing chlorinated organic compounds. 4,504,404, 3-12-85, Cl. 252-33.400.

Schumacher, Rolf: *See—*

Zinke, Horst; and Schumacher, Rolf, 4,544,492, Cl. 252-32.70E.

- Schumacher, Thomas H.: *See—*
  - Alverth, Ronald W.; and Schumacher, Thomas H., 4,512,564, Cl. 271-274.000.
- Schumacher, Werner: *See—*
  - Kochendorfer, Heinrich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, 4,542,678, Cl. 91-6.000.
- Schumacher, William J.; and Tanczyn, Harry, to Armco Inc. Galling and wear resistant steel alloy. 4,494,988, 1-22-85, Cl. 75-128.00A.
- Schumaker, Daniel A.: *See—*
  - Larson, David A.; and Schumaker, Daniel A., 4,491,698, Cl. 179-115.5PV.
- Schumaker, Eugene J., to Adjustable Fixture Company. Lamp with one arm fork support. 4,498,125, 2-5-85, Cl. 362-216.000.
- Schumaker, Jon S., to Pandrol Ltd. Holding a railway rail down on a support member. 4,513,912, 4-30-85, Cl. 238-349.000.
- Schuman, Merlin D.: *See—*
  - Sprouse, Kenneth M.; Schuman, Merlin D.; and Combs, L. Paul, 4,536,603, Cl. 585-539.000.
- Schumann, Hans-Joachim; Ohlschlager, Hans; and Kampfer, Helmut, to AGFA-Gevaert, A.G. Photographic recording process. 4,543,308, 9-24-85, Cl. 430-21.000.
- Schumann, Henning; Busch, Peter; Fischer, Detlef; and Thiele, Klaus, to Henkel Kommanditgesellschaft auf Aktien. Plastic hairdressing comb. 4,520,831, 6-4-85, Cl. 132-11.00R.
- Schumann, Klaus: *See—*
  - Grunert, Heinz; Hahn, Fritz; Rall, Ulrich; Schumann, Klaus; Schwuger, Milan J.; and Smolka, Heinz G., 4,500,320, Cl. 8-442.000.
- Schumann, Martin. Light-responsive musical instrument. 4,557,175, 12-10-85, Cl. 84-330.000.
- Schumann, Robert W., to Nicolet Instrument Corporation. Photoplotter. 4,500,182, 2-19-85, Cl. 354-4.000.
- Schumer, Douglas B.: *See—*
  - Scheffer, Daniel G.; Brock, Christopher W.; and Schumer, Douglas B., 4,525,794, Cl. 364-567.000.
- Schummers, John H.: *See—*
  - Walker, Ronald P.; Rex, John D.; and Schummers, John H., 4,520,504, Cl. 382-1.000.
- Schunck, Erich: *See—*
  - Hesse, Wolfgang; Sattelmeyer, Richard; and Schunck, Erich, 4,507,419, Cl. 524-327.000.
- Schundehutte, Karl H.: *See—*
  - Henk, Hermann; Kramer, Erich; Schundehutte, Karl H.; and Nickel, Horst, 4,540,776, Cl. 534-635.000.
  - Kruckenberg, Winfried; and Schundehutte, Karl H., 4,497,736, Cl. 534-855.000.
- Schundehutte, Karl Heinz: *See—*
  - Stephan, Gunter; and Schundehutte, Karl Heinz, 4,550,207, Cl. 564-311.000.
- Schunemann, Klaus: *See—*
  - Szabo, Laszlo; and Schunemann, Klaus, 4,538,122, Cl. 331-96.000.
- Schunk & Ebe GmbH: *See—*
  - Bodden, Werner; and Diegelmann, Winfried, 4,508,681, Cl. 419-29.000.
- Schunter, Roland: *See—*
  - Osberghaus, Reiner; Scheller, Bernfried; Kresse, Franz; Hesse, Ferdinand; and Schunter, Roland, 4,528,717, Cl. 15-261.000.
- Schupak, Leonard: *See—*
  - Harding, Philip A.; and Schupak, Leonard, 4,499,510, Cl. 360-77.000.
- Schupp, Eberhard; and Kempter, Fritz E., to BASF Aktiengesellschaft. Cathodically electrodepositable surface coating binder. 4,517,343, 5-14-85, Cl. 525-488.000.
- Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, to BASF Aktiengesellschaft. Surface coating binders which are self-crosslinking when heated, their preparation and their use. 4,542,173, 9-17-85, Cl. 523-414.000.
- Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, to BASF Aktiengesellschaft. Cathodic electrocoating binders. 4,542,193, 9-17-85, Cl. 525-490.000.
- Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, to BASF Aktiengesellschaft. Heat-curable surface-coating agents, and their use. 4,543,376, 9-24-85, Cl. 523-414.000.
- Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, to BASF Aktiengesellschaft. Heat-curable surface-coating agents, and their use. 4,544,687, 10-1-85, Cl. 523-414.000.
- Schupp, Eberhard; Loch, Werner; Osterloh, Rolf; and Ahlers, Klaas, to BASF Aktiengesellschaft. Synthetic resin carrying basic nitrogen groups, and its preparation. 4,557,814, 12-10-85, Cl. 204-181.700.
- Schupp, Eberhard: *See—*
  - Schenck, Hans-Uwe; Blum, Rainer; Gulbins, Erich; Kempter, Fritz-Erdmann; and Schupp, Eberhard, 4,495,327, Cl. 524-556.000.
- Schuppert, Leo V., Jr.: *See—*
  - Bonifanti, George; Jackson, Mark F.; Letsch, Karl H.; Longenecker, Bruce C.; Loomis, Phillip E.; Nguyen, Hung T.; Schuppert, Leo V., Jr.; Spong, Richard V.; and Paukovits, Edward J., Jr., 4,551,901, Cl. 29-564.600.
- Schuppiser, Jean-Luc; and Daniel, Jean-Claude, to Rhone-Poulenc Specialites Chimiques. Latices of vinyl acetate polymers. 4,542,181, 9-17-85, Cl. 524-560.000.
- Schuppiser, Jean-Luc; and Daniel, Jean-Claude, to Rhone-Poulenc Specialites Chimiques. Latices of vinyl acetate/olefin copolymers. 4,542,182, 9-17-85, Cl. 524-563.000.
- Schuren, Gerardus W.: *See—*
  - Hemels, Martinus H.; and Schuren, Gerardus W., 4,503,115, Cl. 428-281.000.
- Schurger, Rainer: *See—*
  - Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
- Schurle, Hermann; Grimm, Wolfgang; and Bammert, Hubert, to Carl-Zeiss-Stiftung. Device for rapid demonstration of the action of phototropic objects. 4,505,683, 3-19-85, Cl. 434-365.000.
- Schurle, Hermann: *See—*
  - Grimm, Wolfgang; and Schurle, Hermann, 4,545,678, Cl. 356-124.000.
- Schurman, John W.: *See—*
  - Schurman, Richard H.; Schurman, John W.; Clark, Richard W.; and Reiter, Steven, 4,506,626, Cl. 118-665.000.
- Schurman, Richard H.; Schurman, John W.; Clark, Richard W.; and Reiter, Steven. Apparatus for controlling the proportions of a fluid. 4,506,626, 3-26-85, Cl. 118-665.000.
- Schurmann, Heiner J., to American Ka-ro Corporation. Bottle holder. 4,523,677, 6-18-85, Cl. 206-158.000.
- Schurmann, Helmut: *See—*
  - Lochner, Kaspar; Schurmann, Helmut; and Brand, Erich, 4,518,513, Cl. 252-62.000.
- Schurr, Anton: *See—*
  - Becker, Reinhard, deceased; Seber, Gudula, legal representative; Becker, Ulrich, legal representative; Becker, Hans C., legal representative; Becker, Gero, legal representative; Mussigmann, Artur; and Schurr, Anton, 4,553,811, Cl. 350-96.200.
- Schurr, Heinrich: *See—*
  - Dittner, Adam; Schurr, Heinrich; and Von Wallenberg, Ducius, 4,511,971, Cl. 364-426.000.
- Schurter AG: *See—*
  - Wallner, Peter; and Hollenstein, Peter, 4,536,054, Cl. 339-147.00R.
- Schurter, Rolf; and Rempfler, Hermann, to Ciba-Geigy Corporation. α-[4-(3-Fluoro-5′-halopyridyl-2′-oxy)-phenoxy]-propionic acid derivatives having herbicidal activity. 4,505,743, 3-19-85, Cl. 71-94.000.
- Schurter, Rolf; Fory, Werner; and Meyer, Willy, to Ciba-Geigy Corporation. N-phenylsulfonyl-N′-pyrimidinylureas. 4,537,618, 8-27-85, Cl. 71-92.000.
- Schurter, Rolf: *See—*
  - Brunner, Hans-Georg; Schurter, Rolf; and Szczepanski, Henry, 4,508,560, Cl. 71-94.000.
  - Fory, Werner; Gass, Karl; Meyer, Willy; and Schurter, Rolf, 4,523,944, Cl. 71-92.000.
  - Meyer, Willy; Gass, Karl; Topfl, Werner; Schurter, Rolf; and Pissiotas, Georg, 4,551,531, Cl. 544-320.000.
- Schurzky, Kenneth G.: *See—*
  - Hagerty, Robert O.; Petsche, Irena B.; and Schurzky, Kenneth G., 4,562,169, Cl. 502-107.000.
- Schuss, Werner, to Siemens Aktiengesellschaft. Dental hand piece. 4,498,868, 2-12-85, Cl. 433-29.000.
- Schuss, Werner; and Weber, Walter, to Siemens Aktiengesellschaft. Dental spray hand piece. 4,531,912, 7-30-85, Cl. 433-80.000.
- Schussler, Rainer: *See—*
  - Damson, Eckart; Latsch, Reinhard; Linder, Ernst; Rieger, Franz; and Schussler, Rainer, 4,514,656, Cl. 313-11.500.
- Schussler, Rudolf: *See—*
  - Rosenbladt, Rudolf V.; Nenninger, Klaus; and Schussler, Rudolf, 4,523,853, Cl. 356-446.000.
- Schust, Gerhard, to Brose Fahrzeugteile GmbH & Co. Kommanditgesellschaft. Window lifter drive for motor vehicles and the like. 4,503,732, 3-12-85, Cl. 74-625.000.
- Schustek, Siegfried: *See—*
  - Ahner, Peter; Harer, Helmut; and Schustek, Siegfried, 4,500,772, Cl. 219-209.000.
  - Beisse, Achim; Harer, Helmut; Mohr, Adolf; and Schustek, Siegfried, 4,556,809, Cl. 310-114.000.
- Schuster, Claus; and Homuth, Horst, to Hoechst Aktiengesellschaft. Process for producing transfer printing papers with foamed aqueous ink. 4,527,993, 7-9-85, Cl. 8-471.000.
- Schuster, David V. Adapter for removing diesel engine fuel injectors. 4,561,159, 12-31-85, Cl. 29-255.000.
- Schuster, Gary B. A., to Owens-Corning Fiberglas Corporation. Precious metal vaporization reduction. 4,532,184, 7-30-85, Cl. 428-433.000.
- Schuster, Herbert: *See—*
  - Kinder, Reiner; Teubel, Johannes; Schuster, Herbert; and Fanslau, Christine, 4,544,650, Cl. 502-424.000.
- Schuster, James E.: *See—*
  - Meyer, Dennis F.; and Schuster, James E., 4,549,498, Cl. 114-145.00A.
- Schuster, John H., to Lockheed Corporation. Leading edge flap and boundary layer control system. 4,544,117, 10-1-85, Cl. 244-210.000.
- Schuster, John R.; and Lofstedt, Hakan N., to FDX Patents Holding Company, N.V. Method and apparatus for controlling coolant distribution in magnetic coils. 4,529,955, 7-16-85, Cl. 335-300.000.
- Schuster, Klaus: *See—*
  - Bartl, Herbert; Alberts, Heinrich; and Schuster, Klaus, 4,501,871, Cl. 527-313.000.
- Schuster, Ludwig; Mueller, Franz-Josef; Anderlohr, Axel; Blei, Peter; Eigenberger, Gerhart; Hoppner, Bernd; Kaibel, Gerd; and Steiner, Wolfgang, to BASF Aktiengesellschaft. Continuous preparation of ethanol. 4,517,391, 5-14-85, Cl. 568-885.000.

- Schuster, Max, to Zahnradfabrik Friedrichshafen AG. Axle drive mechanism. 4,518,065, 5-21-85, Cl. 192-4.00A.
- Schuster, Norman J.: *See*—
  - Husted, Martin D.; and Schuster, Norman J., 4,502,601, Cl. 211-41.000.
- Schuster, Philip C. Shooters table. 4,545,144, 10-8-85, Cl. 42-94.000.
- Schuster, Siegfried; and Boes, Christian, to Automated Swimpools, Inc. Pneumatic surf wave production for pools. 4,539,719, 9-10-85, Cl. 4-491.000.
- Schuster, Stanley E.: *See*—
  - Chappell, Barbara A.; and Schuster, Stanley E., 4,491,748, Cl. 307-449.000.
- Schuster, Wilhelm: *See*—
  - Jovy, Herbert; and Schuster, Wilhelm, 4,510,629, Cl. 4-332.000.
- Schutrum, Walter L., to Eastman Kodak Company. Electroformed charge electrode structure for ink jet printers. 4,560,991, 12-24-85, Cl. 346-75.000.
- Schutsky, Vitaly I.: *See*—
  - Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.
- Schutt, Hartwig: *See*—
  - Lepper, Herbert; and Schutt, Hartwig, 4,520,211, Cl. 568-863.000.
- Schutt, John B.; and Shai, Michael C., to United States of America, National Aeronautics and Space Administration. Diffusely reflecting paints including polytetrafluoroethylene and method of manufacture. 4,518,722, 5-21-85, Cl. 523-135.000.
- Schutt, Peter; Nitsche, Klaus; Grindler, Horst; and Hofmann, Hans-Joachim, to Durr-Dental GmbH & Co., KG. Compressor with longitudinally extending cooling fins. 4,529,365, 7-16-85, Cl. 417-313.000.
- Schutte, Evert H.: *See*—
  - Cense, Adriaan; and Schutte, Evert H., 4,533,939, Cl. 358-28.000.
- Schutte, Horst: *See*—
  - Leuchtenberger, Wolfgang; Kula, Maria-Regina; Hummel, Werner; and Schutte, Horst, 4,530,903, Cl. 435-130.000.
- Schutte, Valentin H.: *See*—
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- Schutten, Herman P., to Eaton Corporation. Continuously variable transmission. 4,558,567, 12-17-85, Cl. 60-544.000.
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  - Vollbrecht, Heinz-Rudiger; Schutz, Erwin; and Sandner, Klaus, 4,511,508, Cl. 426-665.000.
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  - Back, Gerhard; Beffa, Fabio; and Schutz, Hans-Ulrich, 4,502,865, Cl. 8-543.000.
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  - Kik, Leendert A.; and Schuurink, Pieter H. J., 4,517,248, Cl. 428-457.000.
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  - Zahn, William L.; and Kufrin, Fred W., 4,534,471, Cl. 211-39.000.
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  - Geibig, Karl F.; Schwab, Adolf; and Stockel, Dieter, 4,553,063, Cl. 313-325.000.
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  - Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,507,312, Cl. 514-471.000.
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- Schwab, Walter. Pump for liquid and gaseous fluids, especially blood. 4,551,073, 11-5-85, Cl. 417-352.000.
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  - El-Hag, Nabil A.; Cochran, Stuart A.; Schwabe, Kenneth R.; Carricato, Louis; and Shanbhag, Sudhakar P., 4,551,340, Cl. 426-437.000.
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  - Muller, Peter; Wagner, Kuno; Wegner, Christian; and Schwabe, Peter, 4,544,683, Cl. 523-111.000.
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  - Lazarus, Herbert; and Schwaber, Jerrold F., 4,529,694, Cl. 435-68.000.
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  - Gessler, Hans, 4,531,876, Cl. 414-325.000.
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- Schwager, Frederic A.; and Kainsinger, Willis C., to Mattel, Inc. Flexible track. 4,496,100, 1-29-85, Cl. 238-10.00R.
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  - Rieder, Heinz; and Schwaiger, Max, 4,550,505, Cl. 33-125.00C.
- Schwaighofer, Roman: *See—*
  - Bloch, Peter; Donner, Meinrad; and Schwaighofer, Roman, 4,545,151, Cl. 51-52.00R.
- Schwallie, Ambrose L.: *See—*
  - Downs, Robert E.; and Schwallie, Ambrose L., 4,547,335, Cl. 376-442.000.
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- Schwang, Per-Eric. Lifting device. 4,533,117, 8-6-85, Cl. 254-94.000.
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- Schwankhart, Gerhard: *See—*
  - Sticht, Walter; and Schwankhart, Gerhard, 4,523,447, Cl. 72-144.000.
- Schwankl, Rose M. Magnetically attached storm windows and the like. 4,510,986, 4-16-85, Cl. 160-354.000.
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- Schwartz, Anne L.: *See—*
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- Schwartz, Bernard: *See—*
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- Schwartz, Bertram: *See—*
  - Anthony, Philip J.; Hartman, Robert L.; Koszi, Louis A.; and Schwartz, Bertram, 4,539,743, Cl. 29-576.00B.
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- Schwartz, Craig A.; and Lynn, Michael M., to Minnesota Mining and Manufacturing Company. Fluorochemical copolymers and ovenable paperboard and textile fibers treated therewith. 4,529,658, 7-16-85, Cl. 428-421.000.
- Schwartz, David M., to CompuSonics Corporation. Magnetic storage system. 4,559,570, 12-17-85, Cl. 360-77.000.
- Schwartz, Edward J. Adjustable conduit clamp. 4,529,331, 7-16-85, Cl. 403-73.000.
- Schwartz, Edwin; and Frees, David. Anti-knock liquid flow control valve. 4,537,216, 8-27-85, Cl. 137-514.000.
- Schwartz, Ellen S.; and Tincher, Cline A., to BASF Wyandotte Corporation. Water-based hydraulic fluids having improved lubricity and corrosion inhibiting properties. 4,493,780, 1-15-85, Cl. 252-73.000.
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  - Oppenlaender, Knut; Fikentscher, Rolf; Buettner, Egon; Slotman, Wilhelmus; Schwartz, Erich; and Mohr, Rudolf, 4,537,701, Cl. 252-344.000.
- Schwartz, Eugene B.: *See—*
  - Kaye, Gordon E.; Schwartz, Eugene B.; and Sollins, Irving V., 4,531,938, Cl. 604-62.000.
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  - Katz, Philip; Brenman, Henry S.; Lowry, Louis D.; and Schwartz, Harold, 4,502,150, Cl. 381-70.000.
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- Schwartz, Harry D.: *See—*
  - Huber, Louis E., Jr.; and Schwartz, Harry D., 4,526,749, Cl. 420-427.000.
- Schwartz, Helmut: *See—*
  - Hoffmann, Karl; Krulitsch, Dieter; and Schwartz, Helmut, 4,543,184, Cl. 210-193.000.
- Schwartz, Ira; and Wyatt, William K., to Textured Yarn Company, Inc. Loop chenille type yarn. 4,528,809, 7-16-85, Cl. 57-207.000.
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- Schwartz, Jack; and Wu, Tai T. Wow and flutter control apparatus for audio and video playback systems. 4,535,368, 8-13-85, Cl. 360-28.000.
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- Schwartz, James W.: *See—*
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- Schwartz, Jay W., to United States of America, Navy. Balanced system for ranging and synchronization between satellite pairs. 4,494,211, 1-15-85, Cl. 364-571.000.
- Schwartz, Jean-Charles: *See—*
  - Roques, Bernard; Schwartz, Jean-Charles; and Lecomte, Jeanne-Marie, 4,513,009, Cl. 514-513.000.
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- Schwartz, Marie A., executrix: *See—*
  - Schwartz, Sidney J., deceased, 4,520,459, Cl. 365-15.000.

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  - Schwartz, Sidney J., deceased, 4,513,396, Cl. 365-6.000.
- Schwartz, Michael A.; and Yamagata, Toshio, to Press Machinery Corporation. Apparatus for conversion of a printing press to offset printing. 4,494,457, 1-22-85, Cl. 101-217.000.
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- Schwartz, Reinhard: *See—*
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- Schwartz, Robert A.; and Duchesneau, Jerome G., to United Technologies Corporation. Propeller pitch change actuation system. 4,523,891, 6-18-85, Cl. 416-157.00R.
- Schwartz, Robert A.: *See—*
  - Duchesneau, Jerome G.; and Schwartz, Robert A., 4,533,295, Cl. 416-27.000.
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- Schwartz, Robert C.: *See—*
  - Horn, James L.; Schwartz, Robert C.; and Sparks, John E., 4,528,725, Cl. 19-200.000.
- Schwartz, Robert E.; and Keller, Michael R., to John Zink Company. Smokeless waste gas burning using low pressure staged steam. 4,492,558, 1-8-85, Cl. 431-4.000.
- Schwartz, Robert W.: *See—*
  - Bottka, Nicholas; Schwartz, Robert W.; and Thun, Wayne E., 4,524,090, Cl. 427-53.100.
- Schwartz, Samuel, to University of Minnesota, Regents of the. Method for quantitatively determining the concentration of hemoglobin in a biological sample. 4,526,869, 7-2-85, Cl. 436-66.000.
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- Schwartz, Sidney J., deceased (by Schwartz, Marie A., executrix), to Burroughs Corporation. Bubble memory which transfers bubbles in both right-to-left and left-to-right SPS loops to provide a short access time. 4,520,459, 5-28-85, Cl. 365-15.000.
- Schwartz, Victor M. Connector for geodesic dome. 4,491,437, 1-1-85, Cl. 403-172.000.
- Schwartz, Wesley W., to Square D Company. Track bolt fastener. 4,560,130, 12-24-85, Cl. 248-297.200.
- Schwartz, William A.: *See—*
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  - Spence, David C.; and Schwartz, William A., 4,560,824, Cl. 585-662.000.
- Schwartzbach, Christian: *See—*
  - Caspersen, Leif D.; Felsvang, Karsten S.; and Schwartzbach, Christian, 4,560,543, Cl. 423-242.000.
- Schwartzberg, Robert B. Game apparatus utilizing controllable audio signals. 4,496,149, 1-29-85, Cl. 273-1.00E.
- Schwartzenberger, Julius W., to Duo-Fast Corporation. Fastener driving tool. 4,550,643, 11-5-85, Cl. 91-356.000.
- Schwartzman, Steven M.: *See—*
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- Schwartzott, John M., to Macpherson, Inc. Sheet material stacking, conveying and cutting method and apparatus. 4,527,346, 7-9-85, Cl. 38-144.000.
- Schwarz, Albert J.: *See—*
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- Schwarz, Albrecht: *See—*
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- Schwarz, Alfred O., to AT&T Bell Laboratories. Precision fusing arrangement. 4,506,310, 3-19-85, Cl. 361-104.000.
- Schwarz, Alois, to ID-Energiesysteme Gesellschaft m.b.H. Heat exchanger system. 4,492,093, 1-8-85, Cl. 62-238.600.
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- Schwarz, Carl E.: *See—*
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- Schwarz, Claude R.: *See—*
  - Gilman, Robert F.; and Schwarz, Claude R., 4,527,123, Cl. 324-254.000.
- Schwarz, Ernest D., II, to American Standard Inc. Hinge preparation assembly for a steel door frame. 4,553,286, 11-19-85, Cl. 16-382.000.
- Schwarz, Ernest D., II: *See—*
  - King, Donald L.; Ruff, Robert O.; and Schwarz, Ernest D., II, 4,547,930, Cl. 16-382.000.
- Schwarz, Frederick M., to United Technologies Corporation. Clearance control for gas turbine engine. 4,525,998, 7-2-85, Cl. 60-226.100.
- Schwarz, Gerhard; and Bergk, Gunther, to Braun Aktiengesellschaft. Electronic switching power supply. 4,523,139, 6-11-85, Cl. 320-40.000.
- Schwarz, Gerhard, to Braun Aktiengesellschaft. Electronic device with choke inverter. 4,546,304, 10-8-85, Cl. 323-287.000.
- Schwarz, Gerhard E. Method and apparatus of continuously casting hollow round billets with a hypocycloidal mandrel and an inside rolling process. 4,546,816, 10-15-85, Cl. 164-465.000.
- Schwarz, Gunter. Ski guard. 4,526,402, 7-2-85, Cl. 280-817.000.
- Schwarz, Hans G., to Polyflex Schwarz GmbH & Co. High-pressure hose and method for the manufacture of same. 4,537,222, 8-27-85, Cl. 138-130.000.
- Schwarz, Hans-Helmut: *See—*
  - Immel, Otto; Schwarz, Hans-Helmut; Quast, Hein; and Bandtel, Eberhard, 4,514,578, Cl. 568-853.000.
- Schwarz, Hartmut B., to Bremer Vulkan AG Schiffbau Und Maschinenfabrik. Sailing ship. 4,546,718, 10-15-85, Cl. 114-39.000.
- Schwarz, James. Wheel cover and retention clip. 4,523,789, 6-18-85, Cl. 301-37.00P.
- Schwarz, James A.; and Pasco, Robert W., to Syracuse University. Hydrogen charged thin film conductor. 4,525,734, 6-25-85, Cl. 357-67.000.
- Schwarz, James A.: *See—*
  - Heise, Michael S.; Tucker, Christopher S.; and Schwarz, James A., 4,522,941, Cl. 502-333.000.
- Schwarz, Jurgen: *See—*
  - Muller, Gerhard; and Schwarz, Jurgen, 4,515,445, Cl. 350-524.000.
- Schwarz, Karl-Heinz: *See—*
  - Heck, Gunter; Lienerth, Aiadar; Malow, Egon; Schwarz, Karl-Heinz; and Faust, Uwe, 4,511,437, Cl. 203-19.000.
- Schwarz, Manfred: *See—*
  - Braun, Wolfgang; Konrath, Karl; and Schwarz, Manfred, 4,513,715, Cl. 123-383.000.
  - Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, 4,501,252, Cl. 123-502.000.
- Schwarz, Norbert: *See—*
  - Skuballa, Werner; Raduechel, Bernd; Schwarz, Norbert; Vorbrueggen, Helmut; Elger, Walter; Loge, Olaf; and Town, Michael-Harold, 4,560,786, Cl. 560-55.000.
- Schwarz, Otto: *See—*
  - Linnau, Yendra; and Schwarz, Otto, 4,522,751, Cl. 260-112.00B.
- Schwarz, Richard A., to PPG Industries, Inc. Organic peroxide composition containing trihydric alcohol, alkali or alkaline earth metal chloride, or monosaccharide. 4,515,928, 5-7-85, Cl. 526-200.000.
- Schwarz, Richard A., to Cosden Technology, Inc. Foamable polymeric styrene particles. 4,520,136, 5-28-85, Cl. 521-60.000.
- Schwarz, Richard A., to Cosden Technology, Inc. Foamable polymeric styrene particles. 4,548,956, 10-22-85, Cl. 521-56.000.
- Schwarz, Rudolf: *See—*
  - Gliem, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, 4,529,532, Cl. 252-62.000.
  - Schmidt, Sabine; Kleinschmit, Peter; and Schwarz, Rudolf, 4,529,630, Cl. 427-397.700.
- Schwarz, William M., Jr.: *See—*
  - Gundlach, Robert W.; Schwarz, William M., Jr.; and Gunther, Kenneth W., 4,556,013, Cl. 118-624.000.
- Schwarzberger, Michael, to ABM Industries, Inc. Shape forming and quilting apparatus. 4,505,212, 3-19-85, Cl. 112-118.000.
- Schwarze, Rigobert. Pipe bending machine. 4,537,053, 8-27-85, Cl. 72-157.000.
- Schwarze, Rigobert. Pipe bending machine with bending mandrel. 4,538,436, 9-3-85, Cl. 72-8.000.
- Schwarze, Werner; Kleemann, Axel; Remmel, Hans; and Hohn, Wolfgang, to Degussa Aktiengesellschaft. Process for cyclizing upsilon-chlorocarboxylic acids. 4,520,209, 5-28-85, Cl. 560-124.000.
- Schwarze, Werner: *See—*
  - Drauz, Karlheinz; Koban, Hans G.; Martens, Jurgen; and Schwarze, Werner, 4,524,211, Cl. 548-111.000.
- Schwarzel, William C.: *See—*
  - Jasne, Stanley J.; Schwarzel, William C.; Sullivan, Charles I.; and Taylor, Lloyd D., 4,547,451, Cl. 430-215.000.
- Schwarzenberg, Norbert; Ueberwolf, Heinz; Halberschmidt, Friedrich; and Audi, Josef, to Saint-Gobain Vitrage. Apparatus for bending glass sheets. 4,493,724, 1-15-85, Cl. 65-273.000.
- Schwarzenberg, Norbert: *See—*
  - Halberschmidt, Friedrich; Audi, Josef; Radermacher, Herbert; and Schwarzenberg, Norbert, 4,557,745, Cl. 65-104.000.
- Schwarzer, Hans; and Meisel, Werner, to Peroxid-Chemie GmbH. Process for removing hydrogen sulfide from natural gas, oil and mixtures thereof. 4,548,708, 10-22-85, Cl. 208-196.000.
- Schwarzfischer, Peter; Schmitz, Jochen; and Scheller, Peter, to Erco Leuchten GmbH, Firma. Internal endwise connector for channel profile. 4,543,009, 9-24-85, Cl. 403-201.000.
- Schwarzhoff, Wolfgang, to Robert Bosch GmbH. Multi-pole electric plug. 4,518,215, 5-21-85, Cl. 339-92.00R.
- Schwarzhoff, Wolfgang: *See—*
  - Maier, Gernot; Tischler, Heinrich; Wohr, Rolf; and Schwarzhoff, Wolfgang, 4,545,632, Cl. 339-18.00R.

- Schwarzkopf, Anton. Amusement ride. 4,520,732, 6-4-85, Cl. 104-53.000.
- Schwarzkopf, Daniel: *See—*
  - Sybel, Randall; and Schwarzkopf, Daniel, 4,524,345, Cl. 340-146.200.
- Schwarzkopf Development Corporation: *See—*
  - Otte, Wolf-Dieter; Otte, Heinz; and Schider, Siegfried, 4,522,202, Cl. 128-92.0BC.
  - Petter, Helmut; Bildstein, Hubert; and Simader, Fritz, 4,516,255, Cl. 378-143.000.
- Schwarzkopff, Udo; and Fischer, Horst, to Akzona Incorporated. Floor covering for stables. 4,502,415, 3-5-85, Cl. 119-28.000.
- Schwarzler, Peter, to Krauss-Maffei Aktiengesellschaft. Linear magnet. 4,510,421, 4-9-85, Cl. 318-135.000.
- Schwarzler, Peter: *See—*
  - Habeck, Reinhold; Mackiol, Norbert; Mautner, Franz; and Schwarzler, Peter, 4,510,871, Cl. 105-167.000.
  - Mautner, Franz; Schwarzler, Peter; and Mittermaier, Manfred, 4,526,107, Cl. 105-133.000.
- Schwarzli, Joseph W. Coin operated vending machine having a secure cashbox and an antitampering safety mechanism. 4,534,492, 8-13-85, Cl. 221-203.000.
- Schwarzmann, Alfred, to RCA Corporation. Method and apparatus for neutron radiation monitoring. 4,498,007, 2-5-85, Cl. 250-390.000.
- Schwarzmann, Alfred, to RCA Corporation. Folded dipole radiating element. 4,498,085, 2-5-85, Cl. 343-795.000.
- Schwarzmann, Matthias: *See—*
  - Hoelderich, Wolfgang; Mross, Wolf D.; and Schwarzmann, Matthias, 4,503,281, Cl. 585-640.000.
  - Hoelderich, Wolfgang; Mross, Wolf D.; and Schwarzmann, Matthias, 4,554,142, Cl. 423-277.000.
  - Marosi, Laszlo; Schlimper, Hans-Ulrich; Schwarzmann, Matthias; and Stabenow, Joachim, 4,551,321, Cl. 423-329.000.
  - Mross, Wolf D.; Schwarzmann, Matthias; Plueckhan, Juergen; and Dehler, Juergen, 4,529,714, Cl. 502-25.000.
  - Mross, Wolf D.; Schwarzmann, Matthias; Plueckhan, Juergen; and Dehler, Juergen, 4,530,910, Cl. 502-24.000.
- Schwarzmann, Russell A.: *See—*
  - Lillibridge, Herbert J.; and Schwarzmann, Russell A., 4,524,980, Cl. 277-199.000.
  - Lillibridge, Herbert J.; and Schwarzmann, Russell A., 4,557,412, Cl. 228-155.000.
- Schwarzmeier, Karl: *See—*
  - Buhler, Eugen; Strobel, Klaus; and Schwarzmeier, Karl, 4,544,345, Cl. 425-405.00R.
  - Buhler, Eugen; Strobel, Klaus; and Schwarzmeier, Karl, 4,560,336, Cl. 425-78.000.
- Schweckendieck, Bernd: *See—*
  - Kunze, Wolfgang; and Schweckendieck, Bernd, 4,506,547, Cl. 73-150.00R.
- Schwede, Franz-Josef. Pilot-operated pressure-limiting valve with a feeding function. 4,548,231, 10-22-85, Cl. 137-491.000.
- Schweers, Werner: *See—*
  - Sinner, Michael; Dietrichs, Hans-Hermann; Puls, Jurgen; Schweers, Werner; and Brachthauser, Karl-Heinz, 4,520.105, Cl. 435-163.000.
- Schwefel, Ernst, to Dr. Johannes Heidenhain GmbH. Integrated bit processor/word processor control system. 4,517,657, 5-14-85, Cl. 364-900.000.
- Schwefel, Ernst, to Dr. Johannes Heidenhain GmbH. Numerical control device. 4,521,845, 6-4-85, Cl. 364-171.000.
- Schwehr, Gregory D.: *See—*
  - Heitman, Christopher J.; and Schwehr, Gregory D., 4,527,440, Cl. 74-10.00R.
- Schwehr, Richard A.: *See—*
  - Liljequist, Lawrence A.; Wible, John E.; and Schwehr, Richard A., 4,520,986, Cl. 248-585.000.
- Schweid, Jeffrey M.; Cohee, Arthur H.; and Dec, Anthony F., to General Foods Corporation. Emulsification system for creamy food products. 4,539,215, 9-3-85, Cl. 426-589.000.
- Schweigel, Hans-Joachim: *See—*
  - Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, 4,521,139, Cl. 406-19.000.
- Schweiger, Erwin; Starmuhler, Erwin; and Temmesfeld, Axel, to Bayerische Motoren Werke AG. Cooling circuit for internal combustion engines. 4,510,593, 4-16-85, Cl. 123-41.020.
- Schweiger, Josef; and Hering, Bernhard, to Siemens Aktiengesellschaft. Electromagnetic relay. 4,510,473, 4-9-85, Cl. 335-86.000.
- Schweiger, Josef; and Hering, Bernhard, to Siemens Aktiengesellschaft. Electromagnetic relay and method for adjusting the armature thereof. 4,539,539, 9-3-85, Cl. 335-78.000.
- Schweigert, Lothar L.; and Knaus, Heimo A. Modular structures having hinge and mating pin fastening means. 4,509,930, 4-9-85, Cl. 446-109.000.
- Schweighandt, Frank; Hoover, David S.; and Garg, Diwakar, to International Coal Refining Company. Time phased alternate blending of feed coals for liquefaction. 4,518,479, 5-21-85, Cl. 208-8.0LE.
- Schweighardt, Frank K., to International Coal Refining Company. Automated apparatus for solvent separation of a coal liquefaction product stream. 4,492,674, 1-8-85, Cl. 422-101.000.
- Schweighardt, Frank K.: *See—*
  - Baumert, Kenneth L.; Sagues, Alberto A.; Davis, Burtron H.; and Schweighardt, Frank K., 4,514,281, Cl. 208-47.000.
- Schweiker, George C.: *See—*
  - Cambell, Thomas C.; Sherry, Howard S.; Schweiker, George C.; Falcone, James S., Jr.; and Sams, Robert H., deceased, 4,528,276, Cl. 502-62.000.
- Schweikert, Glen E. Pallet-bar lift and support apparatus. 4,550,940, 11-5-85, Cl. 294-67.400.
- Schweikl, Ludwig; and Krauss, Olaf, to MTU Motoren-und Turbinen-Union Munchen GmbH. Vented liquid reservoir. 4,545,791, 10-8-85, Cl. 55-182.000.
- Schweikl, Ludwig; Weiss, Horst; and Sippel, Friedrich, to MTU Motoren-und Turbinen-Union Munchen GmbH. Arrangement for joining two relatively rotatable turbomachine components. 4,552,509, 11-12-85, Cl. 415-135.000.
- Schweitzer, Edmund O., Jr. Fault indicator with improved flag indicator assembly. 4,495.489, 1-22-85, Cl. 340-664.000.
- Schweitzer, Edmund O., Jr. Fault indicator with push button reset. 4,536,758, 8-20-85, Cl. 340-664.000.
- Schweitzer, Edmund O., Jr. Voltage loss sensor and alarm. 4,550,288, 10-29-85, Cl. 324-133.000.
- Schweizer, Ernst: *See—*
  - Gallay, Jean J.; and Schweizer, Ernst, 4,511,567, Cl. 514-253.000.
- Schweizer, Hartmut: *See—*
  - Krauter, Immanuel; and Schweizer, Hartmut, 4,495,931, Cl. 123-651.000.
- Schweizer, Heiner: *See—*
  - Class, Eberhard; Schweizer, Heiner; and Frank, Gunther, 4,524,843, Cl. 180-179.000.
- Schweizer, Randy, to Chemco Manufacturing Co., Inc. Paint spray filter system. 4,493,718, 1-15-85, Cl. 55-491.000.
- Schweizer, Rudolph C.: *See—*
  - Levinson, Frank H.; and Schweizer, Rudolph C., 4,550,975, Cl. 350-96.180.
- Schweizerische Aluminium AG (Swiss Aluminium Ltd.): *See—*
  - Mittelmann, Gerhard J.; and Liebherr, Ricardo W., 4,493,428, Cl. 220-1.500.
- Schweizerische Eidgenossenschaft vertreten durch die Gruppe fur Rustungsdienste: *See—*
  - Degen, Max, 4,522,104, Cl. 89-1.510.
- Schweizerische Eidgerossenschaft, Vertreten Durch Die Eidg, Munitionsfabrik Thun Der Gruppe fur Rustungsdienste: *See—*
  - Kneubuhl, Beat, 4,517,897, Cl. 102-439.000.
- Schwellinger, Pius; Ried, Alois; Timm, Jurgen; and Heckler, Manfred, to Swiss Aluminium Ltd. Aluminum alloy. 4,525,326, 6-25-85, Cl. 420-535.000.
- Schwen, Roland, to BASF Aktiengesellschaft. Grinding, lapping, and polishing compounds. 4,544,377, 10-1-85, Cl. 51-298.000.
- Schwenda, Gerhard; and Orendt, Alfred, to Schiederwerk Gunter Schmidt KG Fabrik fur Apparate der Fernmelde- und Elektrotechnik. Device for releasably connecting optical waveguide fibers. 4,522,463, 6-11-85, Cl. 350-96.210.
- Schwendemann, Kenneth L., to Otis Engineering Corporation. Test tree. 4,494,609, 1-22-85, Cl. 166-336.000.
- Schwendemann, Volker: *See—*
  - Gimpel, Juergen; Schwendemann, Volker; and Gulbins, Erich, 4,530,978, Cl. 525-528.000.
  - Plath, Peter; Rohr, Wolfgang; Schwendemann, Volker; and Wuerzer, Bruno, 4,521,604, Cl. 548-301.000.
- Schwenk, Gerhard: *See—*
  - Kaule, Wittich; Schwenk, Gerhard; and Stenzel, Gerhard, 4,533,244, Cl. 356-71.000.
- Schwenk, Tyrone D., to United States of America, Army. Sealing tubulation and method. 4,512,488, 4-23-85, Cl. 220-2.200.
- Schwenk, Wilhelm: *See—*
  - Niehaus, Norbert; Friehe, Werner; and Schwenk, Wilhelm, 4,513,995, Cl. 285-55.000.
- Schwenk, Wolfgang, to General Motors Corporation. Heating and ventilating system for the occupant compartment of a motor vehicle. 4,531,671, 7-30-85, Cl. 237-12.30B.
- Schwenke, Dieter: *See—*
  - von Wichert, Nils; and Schwenke, Dieter, 4,502,908, Cl. 156-350.000.
- Schwenker, Robert O.: *See—*
  - Poponiak, Michael R.; and Schwenker, Robert O., 4,542,579, Cl. 29-576.00W.
- Schwenninger, Ronald L.: *See—*
  - Heithoff, Robert B.; Groetzinger, John K.; and Schwenninger, Ronald L., 4,496,387, Cl. 65-335.000.
- Schwenzer, Alfred F.: *See—*
  - Voltmer, Helmut; Schwenzer, Alfred F.; and Spano, John D., 4,493,744, Cl. 156-568.000.
  - Voltmer, Helmut; Schwenzer, Alfred F.; and Mazur, Edward J., 4,502,910, Cl. 156-361.000.
  - Voltmer, Helmut; Schwenzer, Alfred F.; and Spano, John D., 4,521,271, Cl. 156-568.000.
  - Voltmer, Helmut; Schwenzer, Alfred F.; and Mazur, Edward J., 4,555,299, Cl. 156-552.000.
- Schwenzer, Reinhard: *See—*
  - Goedecke, Wolf-Dieter; Schneckenburger, Gerhard; and Schwenzer, Reinhard, 4,524,804, Cl. 137-625.640.
  - Goedecke, Wolf-Dieter; Schneckenburger, Gerhard; and Schwenzer, Reinhard, 4,538,643, Cl. 137-625.640.
- Schweppe, Friedrich: *See—*
  - Grunberg, Kurt; Poth, Rainer; Werner, Peter; Koch, Kurt; Schweppe, Friedrich; and Voigtlander, Kurt, 4,523,253, Cl. 361-335.000.

- Schweppe, Manfred: *See—*
  - Aigner, Heinrich; Merget, Norbert; Norden, Jurgen; Schweppe, Manfred; and Wetter, Klaus, 4,505,732, Cl. 71-11.000.
- Schwer, John W. Method and article of manufacture for controlling slag carry-over during tapping of a heat in steelmaking. 4,526,349, 7-2-85, Cl. 266-45.000.
- Schwerdt, Friedrich: *See—*
  - Mueller, Harald; and Schwerdt, Friedrich, 4,540,464, Cl. 156-639.000.
- Schwerdt, Friedrich W.: *See—*
  - Bahrle, Dieter K.; and Schwerdt, Friedrich W., 4,521,280, Cl. 204-15.000.
  - Greschner, Johann; Schwerdt, Friedrich W.; and Trumpp, Hans J., 4,556,628, Cl. 430-314.000.
- Schwerdt, Paul: *See—*
  - Weiger, Gunter; Schwerdt, Paul; and Grossner, Horst, 4,531,706, Cl. 251-25.000.
- Schwerdtel, Wulf; Lauer, Hubert; and Heinrich, Josef, to Bayer Aktiengesellschaft. Catalyst, a process for its preparation and an isomerization process in the presence of this catalyst. 4,548,913, 10-22-85, Cl. 502-68.000.
- Schwerdtle, Friedhelm: *See—*
  - Nestler, Hans J.; Horlein, Gerhard; Handte, Reinhard; Bieringer, Hermann; Schwerdtle, Friedhelm; and Langeluddeke, Peter, 4,531,969, Cl. 71-108.000.
- Schwerin, Siegfried: *See—*
  - Dopfer, Peter; Ostermeier, Johann; and Schwerin, Siegfried, 4,515,639, Cl. 106-288.00Q.
- Schwerin, Vernon L.: *See—*
  - Wilcox, Melvin S.; and Schwerin, Vernon L., 4,553,455, Cl. 81-443.000.
- Schwert, Martin: *See—*
  - Follert, Hans G.; Rzepka, Herbert; and Schwert, Martin, 4,556,256, Cl. 299-33.000.
- Schwertfeger, Werner: *See—*
  - Millauer, Hans; Siegemund, Gunter; and Schwertfeger, Werner, 4,524,031, Cl. 260-456.00F.
  - Siegemund, Gunter; and Schwertfeger, Werner. 4,532,366, Cl. 568-615.000.
- Schwetz, Karl A.; Reinmuth, Klaus; Hunold, Klaus; and Isemann, Franz, to Elektroschmelzwerk Kempten GmbH. Substantially pore-free sintered polycrystalline articles of α-silicon carbide, boron carbide and free carbon and process for their manufacture. 4,524,138, 6-18-85, Cl. 501-90.000.
- Schwierking, Roger A.: *See—*
  - Reese, Vernon E.; and Schwierking, Roger A., 4,550,677, Cl. 118-31.000.
- Schwiers, Hans-Georg: *See—*
  - Elter, Claus; Noll, Gerhard; Schoening, Josef; Schwiers, Hans-Georg; and Stracke, Wilfried, 4,543,232, Cl. 376-289.000.
- Schwind, Albert: *See—*
  - Schanz, Klaus; Schwind, Albert; Grund, Hartmut; and Klehr, Peter, 4,539,195, Cl. 423-419.00P.
- Schwind, Richard J.: *See—*
  - Wollar, Burnell J.; and Schwind, Richard J., 4,556,351, Cl. 411-38.000.
- Schwindt, Gary W., to Litton Systems, Inc. Preassembled press fit connector with assembly insert. 4,525,015, 6-25-85, Cl. 339-17.00C.
- Schwing, Friedrich, to Friedrich Wilh. Schwing GmbH. Twin cylinder pumps, more specially for concrete. 4,556,370, 12-3-85, Cl. 417-517.000.
- Schwinn Bicycle Company: *See—*
  - Brilando, Frank P., 4,509,767, Cl. 280-289.00R.
  - Centeny, Norman L., 4,524,989, Cl. 280-281.00R.
- Schwirten, Kurt: *See—*
  - Kummer, Rudolf; Richter, Wolfgang; Schwirten, Kurt; and Stops, Peter, 4,533,757, Cl. 568-454.000.
  - Platz, Rolf; Kummer, Rudolf; Schneider, Heinz-Walter; and Schwirten, Kurt, 4,550,195, Cl. 560-206.000.
- Schwirtlich, Ingo; Woditsch, Peter; and Koch, Wolfgang, to Bayer Aktiengesellschaft. Process for the production of coarsely crystalline silicon. 4,561,930, 12-31-85, Cl. 156-616.00R.
- Schwitters, Brian M., to Parker-Hannifin Corporation. Bi-directional filter wrench. 4,532,835, 8-6-85, Cl. 81-128.000.
- Schwob, Pierre, to SEB S.A. Device and method for wax depilation. 4,499,367, 2-12-85, Cl. 219-421.000.
- Schwob, Pierre; and Mieg, Christian, to SEB S.A. Electronic non-use power interruption safety device for an electric flat-iron. 4,520,257, 5-28-85, Cl. 219-250.000.
- Schwob, Robert J. Adjustable window grill. 4,495,979, 1-29-85, Cl. 160-226.000.
- Schwuger, Milan J.: *See—*
  - Grunert, Heinz; Hahn, Fritz; Rall, Ulrich; Schumann, Klaus; Schwuger, Milan J.; and Smolka, Heinz G., 4,500,320, Cl. 8-442.000.
- Schwulera, Udo: *See—*
  - Sonneborn, Hans H.; Schwulera, Udo; and Schleussner, Hans, 4,508,833, Cl. 436-543.000.
- Schwuttke, Guenter H.; and Yang, Kuei H., to International Business Machines, Inc. Process for forming transistors using silicon ribbons as substrates. 4,494,300, 1-22-85, Cl. 29-571.000.
- Schwuttke, Gunther H.: *See—*
  - Kim, Kyong M.; Smetana, Pavel; and Schwuttke, Gunther H., 4,556,448, Cl. 156-605.000.
- Sci-Coustics, Inc.: *See—*
  - Bruney, Paul F., 4,495,637, Cl. 381-1.000.
- SCI Systems, Inc.: *See—*
  - Coe, Ronald J., 4,506,274, Cl. 346-82.000.
  - King, Olin B., 4,494,127, Cl. 346-82.000.
- Sciabbarrasi, Michael: *See—*
  - Kostanty, Raymond G.; Sciabbarrasi, Michael; and Grossman, Walter B., 4,524,461, Cl. 455-79.000.
- Sciarra, Michael. In-canal hearing aid. 4,539,440, 9-3-85, Cl. 179-107.00E.
- Sciarra, Michael: *See—*
  - Sciarra, Michael J., 4,551,149, Cl. 623-4.000.
- Sciarra, Michael J.; and Cestaro, Victor L., to F. William Carr. Vital signs monitor. 4,494,553, 1-22-85, Cl. 128-721.000.
- Sciarra, Michael J., to Sciarra, Michael. Prosthetic vision system. 4,551,149, 11-5-85, Cl. 623-4.000.
- Sciascia, Rocco M.: *See—*
  - Swiatosz, Edmund; Grimmer, Paul D.; and Sciascia, Rocco M., 4,539,986, Cl. 128-205.130.
- Science Applications, Inc.: *See—*
  - Sears, John T.; and Anada, Harish R., 4,510,124, Cl. 423-437.000.
  - Spratt, James P., 4,504,757, Cl. 310-308.000.
- Science Applications International Corporation: *See—*
  - Pelletier, Charles A.; Gonso, William E., Jr.; Cameron, Douglas S.; and Leonard, Patrick R., 4,524,607, Cl. 73-40.50R.
- Science Research Center, Inc.: *See—*
  - Proctor, David R.; and Foster, Terry L., 4,498,782, Cl. 356-436.000.
- Scientech, Inc.: *See—*
  - Zimmerer, Robert W., 4,522,511, Cl. 374-32.000.
- Scientific-Atlanta, Inc.: *See—*
  - Banker, Robert O., 4,523,228, Cl. 358-120.000.
  - Brinegar, Billy W., 4,524,337, Cl. 333-28.00R.
  - Rozmus, John M., 4,498,169, Cl. 370-85.000.
- Scientific Circuitry, Inc.: *See—*
  - Shepter, Joseph J., 4,517,474, Cl. 307-272.00R.
- Scientific Laboratories, Inc.: *See—*
  - Miller, Lowell A., 4,515,550, Cl. 425-392.000.
- Scientific Pharmaceuticals, Inc.: *See—*
  - Orlowski, Jan A.; Butler, David V.; and Kidd, Patrick D., 4,495,172, Cl. 424-61.000.
- Scientific Technology, Ltd.: *See—*
  - Jacobstein, Benjamin, 4,512,601, Cl. 294-1.200.
- Scieri, Frank; and Miller, Richard L., to Scieri, Frank. Two part mixable component storage container for whipped cream in flavors and corresponding colors, and the like. 4,509,641, 4-9-85, Cl. 206-219.000.
- Scifoni, Mario. Additive for Otto cycle engines and fuel mixture so obtained. 4,499,267, 2-12-85, Cl. 44-51.000.
- Scifres, Donald R.; and Sprague, Robert A., to Xerox Corporation. Beam collimation and focusing of multi-emitter or broad emitter lasers. 4,530,574, 7-23-85, Cl. 350-420.000.
- Scifres, Donald R.; Streifer, William; and Burnham, Robert D., to Xerox Corporation. Optical repeater integrated lasers. 4,555,785, 11-26-85, Cl. 372-8.000.
- Scifres, Donald R.: *See—*
  - Burnham, Robert D.; Scifres, Donald R.; and Streifer, William, 4,546,480, Cl. 372-45.000.
- Scinta, James; and Classen, Theodore M., to Phillips Petroleum Company. Oil recovery. 4,521,293, 6-4-85, Cl. 208-11.0LE.
- Sciortino, Joseph. Modular block structures for breakwaters, harbor dams and the like. 4,503,649, 3-12-85, Cl. 52-593.000.
- Scire, Fredric E. Planar biaxial micropositioning stage. 4,506,154, 3-19-85, Cl. 250-442.100.
- Scire, Fredric E.; and Teague, E. Clayton, to United States of America, Commerce. Flexure hinge. 4,559,717, 12-24-85, Cl. 33-568.000.
- Sciulli, Felice M., to Rockwell International Corporation. Data accumulator and transponder with power back-up for time of day clock. 4,495,596, 1-22-85, Cl. 364-900.000.
- Sciulli, Ronald D.: *See—*
  - Grant, Richard W.; and Sciulli, Ronald D., 4,527,499, Cl. 114-39.000.
- Sciuto, Michael N. Stringed instrument saddle lock. 4,541,320, 9-17-85, Cl. 84-298.000.
- Sclar, Nathan, to Rockwell International Corporation. Selective access array integrated circuit. 4,547,792, 10-15-85, Cl. 357-45.000.
- Sclar, Nathan, to Rockwell International Corporation. Thermoelectric infrared detector array. 4,558,342, 12-10-85, Cl. 357-30.000.
- Sclavo: *See—*
  - Tabacco, Alessandro; and Meiattini, Franco, 4,507,388, Cl. 435-12.000.
- Sclavo, Inc.: *See—*
  - Kameda, Naomi, 4,548,908, Cl. 436-500.000.
- SCM Corporation: *See—*
  - Abbey, Kirk J.; and Kunz, Barbara L., 4,511,446, Cl. 204-181.00C.
  - Abbey, Kirk J.; Erickson, James R.; and Kunz, Barbara L., 4,512,860, Cl. 204-181.00C.
  - Abbey, Kirk J.; and Erickson, James R., 4,522,962, Cl. 523-410.000.
  - Abbey, Kirk J.; and Erickson, James R., 4,525,260, Cl. 204-181.700.
  - Baucom, Keith B., 4,546,184, Cl. 544-353.000.
  - Blanchard, Raymond A., Jr., 4,561,793, Cl. 400-697.100.
  - Bonsack, James P.; and Fridman, Semyon D., 4,540,551, Cl. 423-77.000.
  - Borovicka, David A., Sr., 4,540,735, Cl. 524-512.000.
  - Brown, George L.; and Spencer, Arthur T., 4,547,535, Cl. 523-404.000.
  - Carlson, Gary M.; and Abbey, Kirk J., 4,526,945, Cl. 526-145.000.
  - Carlson, Gary M.; and Wickert, Frank A., 4,542,180, Cl. 524-512.000.
  - Carlson, Gary M., 4,547,323, Cl. 260-465.400.

- Cherney, Leon; Gorman, Charles R.; Traynor, Sean G.; and Cardenas, Carlos G., 4,533,751, Cl. 564-408.000.
- Craun, Gary P.; and DeGraaf, Henry J., 4,525,535, Cl. 525-163.000.
- Fridman, Semyon D., 4,519,988, Cl. 423-76.000.
- Hahn, Kenneth G., Jr., 4,521,495, Cl. 428-537.100.
- Hashiguchi, Don H.; Dietrich, Ronald J.; and Schoepe, George P., 4,503,165, Cl. 502-225.000.
- Hashiguchi, Don H.; Klar, Erhard; and Dietrich, Ronald J., 4,520,130, Cl. 502-345.000.
- Herzing, Anthony G., 4,562,079, Cl. 426-94.000.
- Hwang, Jennie S., 4,541,876, Cl. 148-22.000.
- Hwang, Jennie S., 4,557,767, Cl. 148-23.000.
- Johnson, Walter E., Jr., 4,551,570, Cl. 585-355.000.
- Klar, Erhard; Hashiguchi, Don H.; and Dietrich, Ronald J., 4,504,597, Cl. 502-225.000.
- Lindstrom, Robert O., 4,542,847, Cl. 229-16.00D.
- Martino, Phillip C., 4,499,212, Cl. 523-201.000.
- Martino, Phillip C.; and Winner, Peter P., 4,503,173, Cl. 523-407.000.
- Martino, Phillip C.; and Winner, Peter P., 4,522,961, Cl. 523-407.000.
- Memmer, Timothy I.; and Abel, Peter T., 4,557,977, Cl. 428-421.000.
- Miller, Donald E.; Gilmore, Cecilia; Dimler, Steven R.; and Werstak, Charles E., 4,496,602, Cl. 426-555.000.
- Pawlak, Stephen M., 4,552,473, Cl. 400-208.000.
- Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., 4,497,845, Cl. 426-646.000.
- Percel, Phillip J.; and Perkins, Douglas W., 4,511,584, Cl. 426-99.000.
- Percel, Phillip J.; Perkins, Douglas W.; and Petricca, Anthony V., 4,511,592, Cl. 426-646.000.
- Percel, Phillip J.; and Perkins, Douglas W., 4,537,784, Cl. 426-303.000.
- Player, Kenneth W.; and Wilson, Lonny L., 4,524,086, Cl. 426-607.000.
- Schoepe, George P.; and Hashiguchi, Don H., 4,504,596, Cl. 502-225.000.
- Varvil, R. Douglas; Wilson, Lon L.; and Bell, Joseph W., 4,491,597, Cl. 426-103.000.

Scobie, William B., to Keystone International, Inc. Alignment maintaining apparatus for trunnion mounted valves. 4,496,135, 1-29-85, Cl. 251-308.000.

Scobie, William B., to Keystone International, Inc. Valve seat assembly and valve. 4,505,290, 3-19-85, Cl. 137-74.000.

Scocca, Peter M. Method for reduction of sulfur content in exit gases. 4,503,785, 3-12-85, Cl. 110-342.000.

Scoccia, Adelmo A.; and Schellin, Donald B., deceased (by Downes, Gene, administrator), to General Dynamics, Pomona Division. Zero insertion force connector. 4,533,189, 8-6-85, Cl. 339-17.0CF.

Scofield, Robert L.: *See—*
- Garnett, Willard R.; and Scofield, Robert L., 4,502,744, Cl. 339-14.00R.

Scolastico, Carlo: *See—*
- Gomarasca, Piero; Scolastico, Carlo; and Sirtori, Cesare, 4,559,345, Cl. 514-275.000.

Scondo, Christian: *See—*
- Muller, Johannes; Kunst, Helmut; and Scondo, Christian, 4,492,604, Cl. 148-15.500.

Scondo, Ludwig: *See—*
- Hampel, Hans-Joachim; Scondo, Ludwig; Stahl, Jurgen; Wegner, Wilhelm; and Bonne, Harry, 4,520,948, Cl. 222-103.000.

Scopas Technology Corporation: *See—*
- Rosenblatt, David H.; Rosenblatt, Aaron A.; and Knapp, Joseph E., 4,504,442, Cl. 422-37.000.

Scordato, Richard E., to Medical Laboratory Automation, Inc. Coagulation instrument for performing clotting tests. 4,497,774, 2-5-85, Cl. 422-73.000.

Scordialo, Angelo, to Rohm GmbH. Method for dehydrating sludge. 4,548,719, 10-22-85, Cl. 210-732.000.

Scordo, Dominick, to AT&T Bell Laboratories. Programmable audio mixer. 4,558,180, 12-10-85, Cl. 179-18.0BC

Scordo, Dominick: *See—*
- Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,529,839, Cl. 179-2.0TS.
- Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,529,840, Cl. 179-2.0TS.
- Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,531,024, Cl. 179-2.0TS.

Scortecci, Giuseppe: *See—*
- Bucefari, Massimo; and Scortecci, Giuseppe, 4,493,183, Cl. 59-16.000.

Scotese, Anthony C.; Morris, Robert L.; Santilli, Arthur A.; and Strike, Donald P., to American Home Products Corporation. Thiophene derivatives with antisecretory activity. 4,537,968, 8-27-85, Cl. 546-209.000.

Scotfoam Corporation: *See—*
- Triolo, Rocco P., 4,503,150, Cl. 435-41.000.

Scott, Alexander, to J & P Coats, Limited. Method for production of synthetic yarn and yarn-like structures. 4,497,099, 2-5-85, Cl. 28-220.000.

Scott Bader Company Limited: *See—*
- Alexander, Ian J., 4,530,962, Cl. 525-31.000.
- Goring, John O., 4,507,441, Cl. 525-438.000.

Scott, Brian L.; and Kirkwood, Wayne E., to Scott Instruments Corporation. Real time cochlear implant processor. 4,495,384, 1-22-85, Cl. 179-107.0FD.

Scott, Burton W., to Mead Corporation, The. Driving circuit for radio frequency dryer. 4,499,358, 2-12-85, Cl. 219-10.770.

Scott, Dale K.; and Calvert, Rodney K., to Mead Corporation, The. Locking mechanism for wrap-around cartons. 4,512,135, 4-23-85, Cl. 53-285.000.

Scott, Darwin H.: *See—*
- Thompson, David S.; and Scott, Darwin H., 4,554,131, Cl. 420-546.000.

Scott, Donald G.: *See—*
- Holcombe, Cressie E.; and Scott, Donald G., 4,528,939, Cl. 118-726.000.

Scott, Donald W. Reduced size heating assembly for an electric stove. 4,506,141, 3-19-85, Cl. 219-463.000.

Scott, Douglas. Printer stand including storage area for fanfold paper. 4,522,521, 6-11-85, Cl. 400-691.000.

Scott, Douglas R.: *See—*
- Frankenberg, Alfred A.; and Scott, Douglas R., 4,505,106, Cl. 60-286.000.

Scott, Doyce E. Three point bow sight. 4,494,313, 1-22-85, Cl. 33-265.000.

Scott, Eddie W.; and Seltzer, Errol N., to Collins & Aikman Corporation. High temperature resistant sewing thread and method of making. 4,523,426, 6-18-85, Cl. 57-247.000.

Scott, Edward. Bicycle brake mechanism. 4,511,018, 4-16-85, Cl. 188-24.120.

Scott, Edward A., to United States of America, Army. Thermal target display system. 4,524,386, 6-18-85, Cl. 358-113.000.

Scott, Edward L.; and Teague, Walter D., Jr. Hand-operated bicycle brake assembly. 4,553,641, 11-19-85, Cl. 188-24.220.

Scott, Edward S.: *See—*
- Polen, Karl L.; and Scott, Edward S., 4,503,921, Cl. 177-147.000.

Scott, Eric J. Y.: *See—*
- Bowes, Emmerson; Farcasiu, Malvina; and Scott, Eric J. Y., 4,548,709, Cl. 208-213.000.

Scott & Fetzer Company, The: *See—*
- Edwards, James D.; and Malone, Charles, 4,517,426, Cl. 200-38.00A.
- Ford, Roger S.; Shie, Herman J., III; and Baird, Thomas E., Sr., 4,514,199, Cl. 55-337.000.
- Kochte, Werner W.; and Nimon, Susan K., 4,554,702, Cl. 15-372.000.
- Quinn, Anthony W.; McKee, Donald S.; and Rader, Richard B., 4,530,389, Cl. 160-46.000.
- Sanders, Gary G., 4,539,562, Cl. 340-657.000.

Scott, Francis L.: *See—*
- Ogunbiyi, Lai; Scott, Francis L.; and Smith, Francis X., 4,537,746, Cl. 422-28.000.

Scott, Fred J.; and Walker, Gary W., to Sperry Corporation. Shielded connector shell for flat cable. 4,534,608, 8-13-85, Cl. 339-91.00R.

Scott, Gary L., to Western Geophysical Company of America. Optical seismic transducer. 4,500,979, 2-19-85, Cl. 367-149.000.

Scott, Gary W.; and Cox, Aaron J., to University of California. Piezoelectrically tuned short cavity dye laser. 4,556,979, 12-3-85, Cl. 372-20.000.

Scott, Gerald: *See—*
- Gilead, Dan; and Scott, Gerald, 4,519,161, Cl. 47-9.000.

Scott, Gordon C.: *See—*
- Brinkhoff, Carl H.; and Scott, Gordon C., 4,536,892, Cl. 2-424.000.

Scott, Graham W.; and Steven, James H., to Imperial Industries plc. Method of concentrating silica in an aqueous alkali metal silicate solution. 4,556,465, 12-3-85, Cl. 204-182.200.

Scott, Graham W.; and Steven, James H., to Imperial Chemical Industries PLC. Method of concentrating silica in an aqueous alkali metal silicate solution. 4,556,466, 12-3-85, Cl. 204-182.200.

Scott, Graham W.; and Steven, James H., to Imperial Chemical Industries PLC. Method of concentrating silka in an aqueous alkali metal silicate solution. 4,557,815, 12-10-85, Cl. 204-182.200.

Scott, Hubert D., to Schlumberger Technology Corporation. Methods and apparatus for investigating an earth formation and compensating for borehole environmental effects. 4,524,274, 6-18-85, Cl. 250-269.000.

Scott Instruments Corporation: *See—*
- Scott, Brian L.; and Kirkwood, Wayne E., 4,495,384, Cl. 179-107.0FD.

Scott Investment Partners: *See—*
- Scott, James J., 4,501,515, Cl. 405-259.000.

Scott, James B.; and Radd, Fred J., to Conoco Inc. Well completion system and process. 4,495,997, 1-29-85, Cl. 166-285.000.

Scott, James B.: *See—*
- Radd, Fred J.; Scott, James B.; and Pan, Robert B., 4,493,372, Cl. 166-285.000.

Scott, James J., to Scott Investment Partners. Dynamic rock stabilizing fixture. 4,501,515, 2-26-85, Cl. 405-259.000.

Scott, James P., to Rockwell International Corporation. Multiple disc brake. 4,529,067, 7-16-85, Cl. 188-18.00A.

Scott, James W.: *See—*
- Uppgren, John J.; and Scott, James W., 4,553,581, Cl. 164-16.000.

Scott, John H. Dog feeder. 4,505,228, 3-19-85, Cl. 119-62.000.

Scott, John H., to Boeing Company, The. Automatic trim system for hydrofoil craft. 4,524,710, 6-25-85, Cl. 114-275.000.

Scott, John R.: *See—*
- Calenoff, Emanuel; Tsay, Yuh-Geng; Jones, Ruth M.; and Scott, John R., 4,528,267, Cl. 435-7.000.

Scott, John T.; and King, Charles, to Metalcore Limited. Material for reinforcing core in a structure. 4,522,860, 6-11-85, Cl. 428-132.000.

Scott, John W.: *See*—
  Watkins, Paul; and Scott, John W., 4,542,003, Cl. 423-340.000.

Scott, Joseph A.: *See*—
  Alexander, Robert L.; Bequette, Robert J.; Kessler, Terry T.; and Scott, Joseph A., 4,537,883, Cl. 514-110.000.

Scott, Julian C., to Westinghouse Electric Corp. Liquid level indicator for a tilted container. 4,543,730, 10-1-85, Cl. 33-366.000.

Scott, Junius D., to FMC Corporation. Variable-frequency dual-motion feeder control using a single phase power source. 4,554,490, 11-19-85, Cl. 318-130.000.

Scott, Junius D.: *See*—
  Gotal, John D.; and Scott, Junius D., 4,517,500, Cl. 318-130.000.
  Gotal, John D.; and Scott, Junius D., 4,547,712, Cl. 318-128.000.

Scott, Keith T.: *See*—
  Woodhead, James L.; Scott, Keith T.; and Wilcockson, Alan, 4,548,832, Cl. 427-34.000.

Scott, Kenneth A.: *See*—
  Polleck, Richard E.; Scott, Kenneth A.; and Ledley, Robert E., 4,491,516, Cl. 208-248.000.

Scott, Kenneth W.: *See*—
  Bartok, Stephen; Stansbury, Benjamin H., Jr.; and Backus, Alan L., 4,535,931, Cl. 236-20.00R.

Scott, Larry. Quick-change tool holder and tool. 4,514,117, 4-30-85, Cl. 408-239.00R.

Scott, Laurie J.; Erickson, Robert E.; and Wallace, Theodore C., to Dow Chemical Company, The. Foamed polymeric materials. 4,529,739, 7-16-85, Cl. 521-72.000.

Scott, Lewis A.; Gibson, Duane M.; and Woodfill, Arthur J., to Omark Industries. Cutting tool with cutting tooth insert. 4,497,232, 2-5-85, Cl. 83-831.000.

Scott, Lewis A.; and Gibson, Duane M., to Omark Industries, Inc. Cutting tool with improved depth control. 4,501,184, 2-26-85, Cl. 83-834.000.

Scott, Lewis A., to Omark Industries, Inc. Circular saw blade. 4,515,055, 5-7-85, Cl. 83-835.000.

Scott, Lewis A.: *See*—
  Gibson, Duane M.; and Scott, Lewis A., 4,530,258, Cl. 76-25.00A.
  Gibson, Duane M.; and Scott, Lewis A., 4,535,667, Cl. 83-830.000.

Scott, Loren W., to Toro Company, The. Irrigation controller. 4,526,198, 7-2-85, Cl. 137-624.200.

Scott, Malcolm K., to McNeilab, Inc. Heteroaromatic derivatives of iminomethyl piperidines and use to inhibit gastric acid secretion. 4,528,293, 7-9-85, Cl. 514-323.000.

Scott, Mark P., to Keystone Industries, Inc. Lock and seal for hopper outlet. 4,534,298, 8-13-85, Cl. 105-282.00R.

Scott, Melvin: *See*—
  Brierley, John M.; and Scott, Melvin, 4,530,775, Cl. 252-128.000.
  Edge, David J.; Naik, Appaya R.; and Scott, Melvin, 4,537,709, Cl. 252-558.000.

Scott, Michael H.: *See*—
  Golobic, Robert A.; and Scott, Michael H., 4,519,715, Cl. 366-343.000.

Scott, Michael J.; Slater, Paul; and Brooshooft, Lawrence H., to Allflex International Limited. Applicator tool. 4,516,577, 5-14-85, Cl. 128-330.000.

Scott, Norma J. Apparatus for comforting an infant. 4,538,310, 9-3-85, Cl. 5-437.000.

Scott, Norman; and Hepworth, Paul, to Imperial Chemical Industries PLC. Aldehyde adducts and a process for separating aldehydes involving them. 4,523,038, 6-11-85, Cl. 568-492.000.

Scott, Norman R.: *See*—
  Sigrimis, Nick A.; and Scott, Norman R., 4,510,495, Cl. 340-825.540.

Scott Orthopedics, Inc.: *See*—
  Womack, Darryl L.; Noell, Ralph B.; and Bradshaw, Larry R., 4,554,913, Cl. 128-80.00C.

Scott Paper Company: *See*—
  Avis, Robert P., 4,557,801, Cl. 162-157.600.
  Buhayar, Eric S., 4,491,045, Cl. 83-341.000.
  Curran, John F.; and Kershaw, Thomas N., 4,533,437, Cl. 162-281.000.
  Freeman, Eben W., 4,560,578, Cl. 427-44.000.
  Laush, Frank I.; and Parker, Vernon L., 4,523,933, Cl. 55-97.000.
  Norton, Henry J.; and Union, Kenard E., 4,534,491, Cl. 221-63.000.
  Rizzo, Joseph P., Sr., 4,494,644, Cl. 198-409.000.
  Union, Kenard E.; and Bresser, Peter, 4,553,711, Cl. 242-55.300.

Scott, Paul F.: *See*—
  Braithwaite, David; Walker, Richard A.; Bystrianyk, Wasyl; Scott, Paul F.; and Douglas, Robert J., 4,557,746, Cl. 65-163.000.

Scott, Peter J. Apparatus for determining the position of a point on an object or the shape of a portion thereof. 4,498,777, 2-12-85, Cl. 356-376.000.

Scott, Peter T., to CertainTeed Corporation. Automated mineral wool roll-unit processing system. 4,550,550, 11-5-85, Cl. 53-529.000.

Scott, Raymond G., to Champion International Corporation. Reclosable packaging system and method for forming same. 4,498,588, 2-12-85, Cl. 206-526.000.

Scott, Raymond G.; and McNulty, Sherry M., to Champion International Corporation. Locking hinge for reclosable package. 4,498,589, 2-12-85, Cl. 206-526.000.

Scott, Raymond G.; and Sherwood, Irvin W. Overwrapped window carton and blank. 4,505,384, 3-19-85, Cl. 206-45.330.

Scott, Raymond P. W., to Perkin-Elmer Corporation, The. Multifunctional detector. 4,555,936, 12-3-85, Cl. 73-61.10C.

Scott, Richard: *See*—
  Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.

Scott, Richard D., to HR Textron Inc. Fluid delivery system incorporating elastomeric check valve. 4,526,189, 7-2-85, Cl. 137-68.00A.

Scott, Richard D., to HR Textron Inc. Fluid delivery system. 4,542,761, 9-24-85, Cl. 137-68.00A.

Scott, Robert J.: *See*—
  McNutt, James E.; Scott, Robert J.; and Welch, Charles W., 4,496,612, Cl. 427-310.000.

Scott, Robert T. Earplug. 4,537,187, 8-27-85, Cl. 128-151.000.

Scott, Samuel C. Headrest for sedentary traveler. 4,560,201, 12-24-85, Cl. 297-393.000.

Scott, Tommy L.; and Moss, Morris C. Security locking bolt. 4,537,543, 8-27-85, Cl. 411-371.000.

Scott, William A.; and Smith, Roger N., to Walbro Corporation. Fuel shut-off valve for internal combustion engines. 4,520,772, 6-4-85, Cl. 123-198.0DB.

Scott, William A.; and Penner, Bernard, to Keith Industries Incorporated. Straw chopper and spreader assembly. 4,526,180, 7-2-85, Cl. 130-27.00R.

Scott, William B.; and Ahmer, Bruce E., to W. A. Whitney Corp. Metal melting tool with improved stand-off means. 4,550,241, 10-29-85, Cl. 219-121.0LG.

Scott, William B.: *See*—
  Kindgren, Lee; Scott, William B.; and Voges, Robert W., 4,523,749, Cl. 269-32.000.

Scott, William J., to Ideal Industries, Inc. Cable tie. 4,532,679, 8-6-85, Cl. 24-16.0PB.

Scott, William J.: *See*—
  Masberts, Fred; Michaelis, Leonard H.; Scott, William J.; and Voss, Roy N., 4,549,038, Cl. 174-65.0SS.

Scott, William L., to Eli Lilly and Company. 3-mercaptomethyl-2-oxo-1-pyrrolidine acetic acids and use for hypertension. 4,552,889, 11-12-85, Cl. 514-424.000.

Scott, William L.: *See*—
  Di Martini, Carl R.; Howe, Herbert E.; Scott, William L.; and Bulvanoski, Leo J., 4,521,247, Cl. 75-77.000.

Scott, William R.; and Ih, Charles S., to United States of America, Navy. Laser generation of ultrasonic waveform reconstructions. 4,523,469, 6-18-85, Cl. 73-603.000.

Scott, William T.: *See*—
  Buckley, John J.; and Scott, William T., 4,534,538, Cl. 251-62.000.

Scotti, Carlo: *See*—
  Vanni, Sergio; Guidi, Loris; Vallini, Paolo; Pace, Renato C.; and Scotti, Carlo, 4,560,384, Cl. 8-94.210.

Scottish & Newcastle Breweries plc: *See*—
  Kesson, James, 4,550,590, Cl. 73-19.000.

Scotto, Dominick P., to Sperry Corporation. Stable plumb beam optical projector. 4,517,749, 5-21-85, Cl. 33-346.000.

Scourtelis, Nicolas. Room divider. 4,559,750, 12-24-85, Cl. 52-238.100.

Scovell, Edward G.: *See*—
  Birkett, Kevin; Scovell, Edward G.; and John, Glyn R., 4,493,876, Cl. 428-457.000.

Scovill Inc.: *See*—
  Armstrong, William E., 4,554,411, Cl. 179-37.000.
  Kuypers, Harold A., 4,506,695, Cl. 137-223.000.
  Kuypers, Harold A., 4,557,308, Cl. 152-427.000.
  Todhunter, Gordon R.; and Grim, James W., 4,539,928, Cl. 116-34.00R.

Scovill, John P.: *See*—
  Klayman, Daniel L.; Scovill, John P.; Bartosevich, Joseph F.; Mason, Carl J.; and Griffin, T. Scott, 4,493,930, Cl. 544-360.000.

Scoville, Robert E.: *See*—
  Bell, John R.; Scoville, Robert E.; and Whitt, Joade, 4,550,867, Cl. 222-607.000.

Scowen, Reginald V.: *See*—
  Lee, Robert S.; and Scowen, Reginald V., 4,514,185, Cl. 8-137.000.

Scozzafava, Michael; Chen, Chin H.; Reynolds, George A.; and Perlstein, Jerome H., to Eastman Kodak Company. 4H-thiopyran-1,1-dioxide and electrophotographic layers and elements comprising same. 4,514,481, 4-30-85, Cl. 430-58.000.

Scragg, Edgar P., to Prima Valves International (Proprietary) Limited. Plant watering device. 4,499,686, 2-19-85, Cl. 47-48.500.

Scragg, Edgar P. Separation of two liquids. 4,528,094, 7-9-85, Cl. 210-114.000.

Scrantom, DeHart G.; and Shealey, E. David, to AVX Corporation. Inserter device for electronic components. 4,539,740, 9-10-85, Cl. 29-564.100.

Scrantom, Dehart G., to AVX Corporation. Method for filling printed circuit boards. 4,558,514, 12-17-85, Cl. 29-838.000.

Scrantom, Dehart G.; and Hopkins, Lonnie, to AVX Corporation. Method of applying terminations to ceramic bodies. 4,561,954, 12-31-85, Cl. 204-192.00R.

Scranton, Robert A.: *See*—
  Chamer, Timothy J.; Scranton, Robert A.; and Worthington, Thomas K., 4,513,437, Cl. 382-3.000.

Scribner, Albert W., to Pitney Bowes Inc. Postage metering system having weight checking capability. 4,516,209, 5-7-85, Cl. 364-466.000.

Scribner, Albert W. Controls for duplex feeders. 4,531,662, 7-30-85, Cl. 226-159.000.

Scribner, Kenneth J., to United States of America, Energy. Extrusion cast explosive. 4,555,277, 11-26-85, Cl. 149-19.400.

- Scripps Clinic and Research Foundation: *See—*
  - Bittle, James L.; and Lerner, Richard A., 4,544,500, Cl. 260-112.50R.
  - Coppersmith, Ward J.; and La Motte, George B., III, 4,496,657, Cl. 435-287.000.
  - Goodman, Michael G.; and Weigle, William O., 4,539,205, Cl. 514-45.000.
  - Houghten, Richard A., 4,545,931, Cl. 260-112.50R.
- Scriptel Corporation: *See—*
  - Quayle, Stanley F.; and Schlosser, Philip A., 4,523,654, Cl. 178-19.000.
- Scripto, Inc.: *See—*
  - Jarvis, William A.; Kirby, John; Lane, Alan J.; Pokorski, John P.; and Sheffield, Wilbur L., 4,544,296, Cl. 401-73.000.
  - Lockwood, John C., 4,505,606, Cl. 401-55.000.
- Scrivan, Michel A.: *See—*
  - Otto, Stanley W.; Rhoads, Jack G.; and Scrivan, Michel A., 4,509,825, Cl. 350-259.000.
- Scriven, Roger L.: *See—*
  - Christenson, Roger M.; Scriven, Roger L.; Jerabek, Robert D.; Koren, Jeffrey G.; and Johnson, Mark W., 4,530,945, Cl. 523-400.000.
  - Christenson, Roger M.; Valko, Joseph T.; Plasynski, Joseph E.; and Scriven, Roger L., 4,560,717, Cl. 523-456.000.
- Scrivener, Stephen P.; Smith, Wallace D.; Mansell, Mark L.; and Campbell, Neville D., to Commissioner for Main Roads, The. Road testing apparatus. 4,502,327, 3-5-85, Cl. 73-146.000.
- Scrivener, Thomas F.; and Schoonover, Randall M., to Frazier Precision Instrument Company, Inc.; and Holometrics Inc. Load cell mass comparator. 4,523,653, 6-18-85, Cl. 177-147.000.
- Scrivens, George W., to Surgikos, Inc. Surgical gown. 4,523,335, 6-18-85, Cl. 2-51.000.
- Scrivens, Stephen J. Plant watering apparatus. 4,546,571, 10-15-85, Cl. 47-81.000.
- Scriver, Richard M.; and Stair, Wayne H., to Goodyear Tire & Rubber Company, The. Tire with tread rubber containing medium vinyl polybutadiene with clay and carbon black. 4,522,970, 6-11-85, Cl. 524-447.000.
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  - Armbruster, Robert G.; and Scriver, Richard M., 4,530,959, Cl. 524-526.000.
- Scrlac, Walter: *See—*
  - Witte, Klaus J.; Fill, Ernst; and Scrlac, Walter, 4,514,848, Cl. 372-25.000.
- Scrudato, Frederick, to Finast Marking Supplies Inc. Disposable ink cartridge. 4,556,012, 12-3-85, Cl. 118-268.000.
- Scruggs, David M., to Dresser Industries, Inc. Amorphous alloy plain bearings. 4,555,186, 11-26-85, Cl. 384-93.000.
- Scruggs, David M.: *See—*
  - Croopnick, Gerald A.; and Scruggs, David M., 4,529,668, Cl. 428-665.000.
- Scrutchin, Thomas W., Jr.: *See—*
  - Brownell, Kendrick C., Jr.; and Scrutchin, Thomas W., Jr., 4,531,120, Cl. 340-723.000.
- Scrymgeour, Andrew H.: *See—*
  - Gilbert, Clark J.; Hassialis, Menelaos D.; Scrymgeour, Andrew H.; and Vera, Samuel I., 4,512,610, Cl. 299-13.000.
- Scudo, Aldo: *See—*
  - Lewis, Arthur M.; and Scudo, Aldo, 4,539,568, Cl. 346-1.100.
- Scull, Herbert M.; and Laurent, Sebastian M., to Ethyl Corporation. Gas stream purification. 4,554,141, 11-19-85, Cl. 423-245.000.
- Scully, Charles N., to United States of America, Air Force. Laser target speckle eliminator. 4,511,220, 4-16-85, Cl. 350-403.000.
- Scuricini, Giovan B., to Comitato Nazionale per l'Energia Nucleare. Method and apparatus for dynamic balancing of rotating bodies. 4,543,463, 9-24-85, Cl. 219-121.0LH.
- SDS Biotech Corporation: *See—*
  - Cryberg, Richard L.; and Bimber, Russell M., 4,528,400, Cl. 568-314.000.
  - Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.
  - Pyne, William J.; Lowbridge, John; Chang, In-Kook; Knotz, Florian; and Powers, Larry J., 4,545,810, Cl. 71-92.000.
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  - Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,545,809, Cl. 71-92.000.
- SDS-Elektro GmbH: *See—*
  - Dietrich, Bernhard, 4,499,345, Cl. 200-67.00F.
  - Dietrich, Bernhard, 4,527,855, Cl. 339-104.000.
  - Matsushita, Hidetoshi, 4,509,026, Cl. 335-85.000.
  - Nagamoto, Mitsuki, 4,520,333, Cl. 335-129.000.
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- SDS-Relais AG: *See—*
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- Se, Kazunori: *See—*
  - Miyaki, Yoshiyuki; Fujita, Yoshitaka; Se, Kazunori; and Fujimoto, Teruo, 4,514,304, Cl. 210-638.000.
- Sea Co Services Limited: *See—*
  - Nessfield, Stanley, 4,546,945, Cl. 248-346.000.
- Sea-Land Corporation: *See—*
  - Van Iperen, Willem H. P., 4,538,738, Cl. 211-162.000.
- Sea-Land Industries, Inc.: *See—*
  - van Iperen, Willem H. P., 4,510,652, Cl. 24-68.0CD.
- Sea-Log Corporation: *See—*
  - Considine, Robert J.; Schirtzinger, Joseph F.; and Stiles, Kenneth M., 4,505,541, Cl. 350-96.230.
- Sea Savory, Inc.: *See—*
  - Reinke, Theodore S., 4,535,507, Cl. 17-48.000.
  - Tolley, Calvert B.; and Tolley, Andrew T., 4,494,277, Cl. 17-71.000.
- SEA Schleifmittel Entwicklung Anwendung GmbH: *See—*
  - Augustin, Rainer, 4,539,017, Cl. 51-293.000.
  - Elbel, Karl; and Augustin, Rainer, 4,541,843, Cl. 51-298.000.
- Sea World, Inc.: *See—*
  - Anderson, George B., 4,509,151, Cl. 367-118.000.
- Seaboard Wellhead Control, Inc.: *See—*
  - Freeman, John W., 4,519,582, Cl. 251-328.000.
- Seaborn Development, Inc.: *See—*
  - Seaborn, Paul E., 4,535,567, Cl. 51-140.000.
- Seaborn, Paul E., to Seaborn Development, Inc. Computer magnetic media burnisher. 4,535,567, 8-20-85, Cl. 51-140.000.
- Seaborne, Thomas L. Vacuum pulsator valves. 4,513,766, 4-30-85, Cl. 137-103.000.
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- Seabrook, Robert A.: *See—*
  - Turner, Robert; and Seabrook, Robert A., 4,507,982, Cl. 74-493.000.
- Seaburg, Duane M.: *See—*
  - Insley, Gene L.; Seaburg, Duane M.; and Pearce, Daniel S., 4,493,069, Cl. 369-75.100.
- Seaburg, Paul A.; and Mueller, Warren E., to Armco Inc. Clip connector for building panels having interlocked sections. 4,522,005, 6-11-85, Cl. 52-544.000.
- Seaford, F. Leo, to Wil-Mat Corporation. Molded shock-absorbing wheel assembly. 4,535,827, 8-20-85, Cl. 152-7.000.
- Seafreeze Limited Partnership: *See—*
  - Van Devanter, Douglas E.; Moore, Kelly R.; and Tomlin, James S., 4,557,019, Cl. 17-52.000.
- Seager, Nigel J., to Whatman Reeve Angel Public Limited Company. Filter paper. 4,524,103, 6-18-85, Cl. 428-338.000.
- Seager, Richard H., to Calumet Manufacturing Co. Dispensing package with applicator surface. 4,548,524, 10-22-85, Cl. 401-187.000.
- Seago, James L., to Du Pont de Nemours, E. I., and Company. Biological detection process using polymer-coated electrodes. 4,517,291, 5-14-85, Cl. 435-14.000.
- Seahorse Equipment Corporation: *See—*
  - Blandford, Joseph W., 4,558,973, Cl. 405-216.000.
- Seaks, Charles E., Jr., to Johnson Service Company. Control apparatus having modular construction. 4,516,189, 5-7-85, Cl. 361-426.000.
- Seal, Clinton D.: *See—*
  - Keller, Patrick N.; and Seal, Clinton D., 4,517,593, Cl. 358-107.000.
- Seal Company of New England, The: *See—*
  - Champlin, George B., 4,550,639, Cl. 87-7.000.
- Seal, Douglas T.; and Haynes, Charles A., to Carrier Corporation. Electrical resistance heating assembly. 4,528,441, 7-9-85, Cl. 219-532.000.
- Seal-Flex, Inc.: *See—*
  - Maxfield, Marvin L., 4,529,622, Cl. 427-136.000.
- Seal, William W.; and Basa, Laddie A., to Andrew Corporation. Coaxial transmission line having an expandable and contractible bellows. 4,543,548, 9-24-85, Cl. 333-243.000.
- Seale, Edward G.: *See—*
  - Carlson, Ronald L.; and Seale, Edward G., 4,542,676, Cl. 84-94.00C.
- Sealectro Corporation: *See—*
  - Carter, Clyde T., 4,527,850, Cl. 339-75.00M.
  - Dreyer, Charles W., 4,557,546, Cl. 339-177.00R.
- Sealed Power Corporation: *See—*
  - Mullally, Charles J.; Brown, Steven L.; Anderson, David L.; and Hitchcock, Robert F., 4,509,340, Cl. 62-503.000.
  - Provost, Lawrence A.; and Boyer, Robert D., 4,553,421, Cl. 72-402.000.
  - Warrick, Frank G., 4,556,085, Cl. 137-625.650.
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- Sealey, Graham P.; and Corney, Andrew C., to Tru Test Distributors Limited. Arrangement and method for liquid level measurement. 4,554,831, 11-26-85, Cl. 73-304.00R.
- Sealey, Harold D.: *See—*
  - Hardy, Brian E.; and Sealey, Harold D., 4,557,323, Cl. 165-163.000.
- Sealfon, Andrew; and Yurdin, Carl, to Repro-Med Systems, Inc. Spring-operated liquid-dispensing device. 4,557,728, 12-10-85, Cl. 604-134.000.
- Sealright Co., Inc.: *See—*
  - Richards, Frank P., 4,558,813, Cl. 229-4.500.
  - Smith, Ernest L., 4,493,432, Cl. 220-270.000.
- Seals Eastern Inc.: *See—*
  - Hertz, Daniel L., Jr., 4,524,982, Cl. 277-229.000.
- Sealtran Corporation: *See—*
  - Minkus, Morton; and Drower, Herbert M., 4,545,838, Cl. 156-220.000.
  - Rhyner, Edison L., 4,540,612, Cl. 428-35.000.
- Sealy, Incorporated: *See—*
  - Klancnik, Alvin R., 4,504,991, Cl. 5-459.000.
  - Wagner, Robert F., 4,535,978, Cl. 267-91.000.
- Sealy of Maryland and Virginia, Inc.: *See—*
  - Reiss, Bernard; and Ward, Irl E., 4,541,133, Cl. 5-13.000.

- Seaman, A. Matthew, to Cutters Exchange, Inc. Belt loop sewing apparatus. 4,502,399, 3-5-85, Cl. 112-121.270.
- Seaman Corporation: *See—*
  - Seaman, Richard N., 4,546,589, Cl. 52-518.000.
- Seaman, Richard N., to Seaman Corporation. Single-ply sealed membrane roofing system. 4,546,589, 10-15-85, Cl. 52-518.000.
- Seamans, Thomas F., to Ionics, Incorporated. Electrolytic process for desulphurization and seed regeneration in coal fired magnetohydrodynamic (MHD) power generation systems. 4,528,173, 7-9-85, Cl. 423-421.000.
- Seametrics, Inc.: *See—*
  - Sorrell, Furman Y.; Curtin, Thomas B.; and Feezor, Michael D., 4,543,822, Cl. 73-170.00A.
- Seamon, Glen R.: *See—*
  - Forbush, Donald C.; and Seamon, Glen R., 4,526,771, Cl. 423-543.000.
- Seaquist, James J.; and Harmon, Elred R., to Square D Company. High voltage terminal. 4,552,424, 11-12-85, Cl. 339-32.00R.
- Seaquist Valve Company: *See—*
  - Kinsley, John P., 4,545,495, Cl. 215-235.000.
- Searby, Anthony D.; and Walker, Ian C., to Quantel Limited. Computerized graphics system and method using an electronically synthesized palette. 4,524,421, 6-18-85, Cl. 364-521.000.
- Searcy, Albert P. Fishing line system. 4,547,991, 10-22-85, Cl. 43-18.100.
- Searfass, Harry I.: *See—*
  - Finn, William A.; and Searfass, Harry I., 4,528,236, Cl. 428-222.000.
- Searight, Edward F.: *See—*
  - Hurley, James R.; Searight, Edward F.; and Nunes, Maurice, 4,493,308, Cl. 126-41.00R.
- Searl, Alonzo H.; Hahn, Granville J.; and Rutledge, Raleigh N., to Cosden Technology, Inc. Process and apparatus for manufacturing flexible foamed articles. 4,526,736, 7-2-85, Cl. 264-53.000.
- Searl, Eugene P., to Rockwell International Corporation. Apparatus for enabling the duplex operation of a transmitter and receiver. 4,520,476, 5-28-85, Cl. 370-32.000.
- Searle, Kenneth G.: *See—*
  - Horner, David J.; Robertson, Robert B.; and Searle, Kenneth G., 4,529,009, Cl. 138-111.000.
- Searle, Richard J.: *See—*
  - Davis, Eugene E.; and Searle, Richard J., 4,541,536, Cl. 215-252.000.
- Searle, Robert F., to Vibrac Corporation. Fiber optic optical device. 4,503,326, 3-5-85, Cl. 250-227.000.
- Sears, Barry D., to Lipid Specialties, Inc. Magnetic compositions and magnetic memory devices prepared therefrom. 4,507,217, 3-26-85, Cl. 252-62.540.
- Sears, Barry D., to Lipid Specialties, Inc. Synthetic phospholipid compounds. 4,534,899, 8-13-85, Cl. 260-403.000.
- Sears, Billy D.; Holland, Gerald G.; Cazinha, John R.; and Reames, Donovan J., to United States of America, Navy. In-situ annular face grinder. 4,525,956, 7-2-85, Cl. 51-241.00S.
- Sears, I. Weir; Hostetler, John E.; and Hulsebusch, William H., to Apparel Form Company. Method of forming cloth into three-dimensional shapes and the articles produced by that method. 4,555,814, 12-3-85, Cl. 2-227.000.
- Sears, I. Weir: *See—*
  - Hostetler, John E.; Hulsebusch, William H.; and Sears, I. Weir, 4,559,094, Cl. 156-212.000.
- Sears, James T., to Ball Corporation. Thrust vector control actuator. 4,549,695, 10-29-85, Cl. 239-265.350.
- Sears, Jerome: *See—*
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- Sears, John T.; and Anada, Harish R., to Science Applications, Inc. System for recovery of CO_2 from flue gases containing SO_2. 4,510,124, 4-9-85, Cl. 423-437.000.
- Sears, Karl, to American Cyanamid Company. In-package insecticidal bait preparation utilizing microwave energy. 4,514,960, 5-7-85, Cl. 53-440.000.
- Sears, Lawrence M.; and Slaby, Terrance C., to Adams Manufacturing Company. Electrostatic air cleaner and high voltage power source therefor. 4,559,594, 12-17-85, Cl. 363-126.000.
- Sears Manufacturing Company: *See—*
  - Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., 4,501,541, Cl. 425-117.000.
  - Bethell, George L.; Burch, Donald F.; and Hinkhouse, Lysle R., 4,542,887, Cl. 264-46.400.
  - Hostetler, John E.; Hulsebusch, William H.; and Sears, I. Weir, 4,559,094, Cl. 156-212.000.
  - Hulsebusch, William H.; and Hinkhouse, Lysle R., 4,547,920, Cl. 5-468.000.
- Sears, Roebuck and Co.: *See—*
  - Gall, John C., 4,492,485, Cl. 400-697.100.
  - Gall, John C., 4,531,688, Cl. 242-107.300.
  - Gall, John C., 4,558,861, Cl. 272-73.000.
  - Meharg, Richard D.; and Singletary, Buckley A., 4,548,250, Cl. 160-331.000.
- Sears, Ronald E., to Transpec, Inc. Vehicle hatch mounting assembly. 4,495,731, 1-29-85, Cl. 49-402.000.
- Sears, Stephan B.: *See—*
  - Kyser, Edmond L.; Mitchell, Charles S.; and Sears, Stephan B., 4,506,276, Cl. 346-140.00R.
- Searson, Thomas E. Bathing spray apparatus. 4,545,083, 10-8-85, Cl. 4-615.000.
- Seaton, John: *See—*
  - Shah, Hemen V.; Mashikian, Victor; Seaton, John; and Keller, Gordon, 4,536,839, Cl. 364-200.000.
- Seaver, Randall J.: *See—*
  - Sankey, Edward M.; and Seaver, Randall J., 4,545,199, Cl. 60-226.200.
- Seaverns, Robert G.: *See—*
  - Hecht, Richard M.; and Seaverns, Robert G., 4,542,860, Cl. 242-72.00R.
  - Hecht, Richard M.; and Seaverns, Robert G., 4,553,713, Cl. 242-78.100.
- Seavey Engineering Associates, Inc.: *See—*
  - Seavey, John M., 4,504,836, Cl. 343-761.000.
- Seavey, John M., to Seavey Engineering Associates, Inc. Antenna feeding with selectively controlled polarization. 4,504,836, 3-12-85, Cl. 343-761.000.
- Seaward, William S.: *See—*
  - Ashbee, William H.; Janssen, Donovan M.; Martin, Ronald J.; and Seaward, William S., 4,511,242, Cl. 355-14.00C.
- Seawell, Jesse Q.: *See—*
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- Seay, James R.: *See—*
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- SEB S.A.: *See—*
  - Deville, Jean-Pierre, 4,508,100, Cl. 126-390.000.
  - Schwob, Pierre, 4,499,367, Cl. 219-421.000.
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- Sebag, Henri; and Vanlerberghe, Guy, to L'Oreal. Tensio-active polypod compounds, process for preparing them and compositions containing them. 4,499,070, 2-12-85, Cl. 424-70.000.
- Sebag, Henri; and Vanlerberghe, Guy, to L'Oreal. Surface-active polysiloxanes. 4,523,921, 6-18-85, Cl. 8-405.000.
- Sebag, Henri, to L'Oreal. Cosmetic compositions containing polyethylene glycol derivatives. 4,533,545, 8-6-85, Cl. 424-70.000.
- Sebag, Henri; and Zysman, Alexandre, to L'Oreal. Polyquaternary polysiloxane polymers. 4,533,714, 8-6-85, Cl. 528-27.000.
- Sebag, Henri: *See—*
  - Vanlerberghe, Guy; and Sebag, Henri, 4,491,534, Cl. 252-357.000.
  - Vanlerberghe, Guy; and Sebag, Henri, 4,515,775, Cl. 424-70.000.
  - Vanlerberghe, Guy; and Sebag, Henri, 4,532,125, Cl. 424-47.000.
- Sebald, Dorothy D., executrix: *See—*
  - Sebald, Joseph F., deceased, 4,519,444, Cl. 165-47.000.
- Sebald, Joseph F., deceased (by Sebald, Dorothy D., executrix), to Heat Power Products Corporation. Multi-unit sample cooler. 4,519,444, 5-28-85, Cl. 165-47.000.
- Sebastiano, Francesco, to Societa Italiana Vetro-SIV-S.p.A. Process for manufacturing a motor vehicle windshield. 4,541,881, 9-17-85, Cl. 156-99.000.
- Sebastiano, Francesco: *See—*
  - Pinelli, Tazio; and Sebastiano, Francesco, 4,514,040, Cl. 350-286.000.
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- Sebel Operations Pty. Ltd.: *See—*
  - Sheridan, Denise, 4,522,446, Cl. 297-377.000.
- Sebenik, Roger F.; LaValle, Pablo P.; Laferty, John M.; and May, William A., to Amax Inc. Recovery of metal values from spent hydrodesulfurization catalysts. 4,495,157, 1-22-85, Cl. 423-54.000.
- Sebenik, Roger F.; Baker, Jerry D.; and Laferty, John M., to Amax Inc. Recovery of molybdenum from spent catalyst solutions obtained from hydroperoxide epoxidations. 4,547,345, 10-15-85, Cl. 423-53.000.
- Seber, Gudula, legal representative: *See—*
  - Becker, Reinhard, deceased; Seber, Gudula, legal representative; Becker, Ulrich, legal representative; Becker, Hans C., legal representative; Becker, Gero, legal representative; Mussigmann, Artur; and Schurr, Anton, 4,553,811, Cl. 350-96.200.
- Seberg, Charles H.: *See—*
  - Genese, Joseph N.; and Seberg, Charles H., 4,496,348, Cl. 604-167.000.
- Sebest, Albert E., to Spectro Industries, Inc. Pillow bed mechanism. 4,535,492, 8-20-85, Cl. 5-68.000.
- Sebesta, Edward H., to Amdahl Corporation. Lift-off process for depositing metal on a substrate. 4,497,684, 2-5-85, Cl. 156-643.000.
- Sebesta, Gunter: *See—*
  - Gudat, Wolfgang; Klatt, Alfred; and Sebesta, Gunter, 4,523,513, Cl. 91-427.000.
  - Seegers, Gunter; Sebesta, Gunter; and Klatt, Alfred, 4,494,571, Cl. 137-596.160.
  - Stillfried, Rudiger F. V.; Seegers, Gunter; and Sebesta, Gunter, 4,493,244, Cl. 91-420.000.
- Sebestyen, Bela: *See—*
  - Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Solymossy, Bela, 4,498,391, Cl. 102-312.000.
  - Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Vida, Zoltan, 4,558,748, Cl. 175-57.000.
- Sebestyen, George; Sinclair, Ronald R.; Smith, John A.; Sands, Timothy B.; and Nussdorfer, Theodore J., to Sanders Associates, Inc. Canard control assembly for a projectile. 4,512,537, 4-23-85, Cl. 244-3.210.
- Sebestyen, Gyula: *See—*
  - Kulcsar, Gabor; Sebestyen, Gyula; David, Agoston; and Zilahi, Tibor, 4,501,732, Cl. 424-114.000.
- Sebrn Corporation: *See—*
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- Sebulke, Johannes: *See—*
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- Secans AG: *See—*
  - Schaefer, Helmut; and Schaefer, Philipp, 4,502,234, Cl. 36-28.000.
- Secher, David S. Assay for interferon. 4,514,507, 4-30-85, Cl. 436-518.000.
- Seco Industries, Inc.: *See—*
  - Moss, Theron C., 4,530,130, Cl. 15-229.00A.
- Seco/Warwick Corporation: *See—*
  - Ross, Robert H.; and Larko, Robert C., 4,540,363, Cl. 432-148.000.
- Secom Co., Ltd.: *See—*
  - Ebihara, Shigeto; Ohta, Atsuo; and Kuwabara, Kunikazu, 4,536,750, Cl. 340-539.000.
  - Shigemitsu, Mineo; Maruyama, Ichiyo; and Niimura, Shigeru, 4,536,751, Cl. 340-545.000.
  - Shirai, Shiro; Ogahara, Shunji; and Kubo, Miyuki, 4,536,749, Cl. 340-525.000.
  - Shiraiwa, Toshiyuki; and Ooba, Kaoru, 4,514,721, Cl. 340-527.000.
  - Sirai, Sirou, 4,499,564, Cl. 367-93.000.
  - Tani, Kozaburo; and Watanabe, Tsutomu, 4,559,526, Cl. 340-539.000.
- Secord, Nelson W., to Chrysler Corporation. Odometer reset mechanism. 4,507,549, 3-26-85, Cl. 235-96.000.
- Secord, Nelson W., to Chrysler Corporation. Mounting structure for throttle control cable. 4,546,666, 10-15-85, Cl. 74-501.00P.
- Secretary of State for Her Majesty's Government of the United Kingdom and Great Britain, The: *See—*
  - Chinn, Bryan P.; Armour, John S.; Watson, Peter M. F.; and Donne, Graham L., 4,492,244, Cl. 137-38.000.
- Secrist, Duane R.; and Clark, James M., to Great Lakes Carbon Corporation. Anode for molten salt electrolysis. 4,495,049, 1-22-85, Cl. 204-292.000.
- Secrist, Duane R.; Clark, James M.; and Landon, Thomas E., to Great Lakes Carbon Corporation. Cermet electrode assembly. 4,541,912, 9-17-85, Cl. 204-290.00R.
- Secrist, Duane R.: *See—*
  - Clark, James M.; and Secrist, Duane R., 4,491,510, Cl. 204-290.00R.
  - Clark, James M.; Secrist, Duane R.; Hardin, Scotty L.; and McEntyre, Stephen C., 4,500,401, Cl. 204-225.000.
  - Joo, Louis A.; Secrist, Duane R.; Clark, James M.; Tucker, Kenneth W.; and Shaner, Jay R., 4,529,494, Cl. 204-290.00R.
- Secton Pty. Ltd.: *See—*
  - Carroll, Noel; and Phelps, Colin J., 4,510,405. Cl. 310-76.000.
  - Carroll, William F., 4,534,395, Cl. 160-199.000.
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  - Jaskolski, Stanley V.; Schutten, Herman P.; Spellman, Gordon B.; Sedivy, Jan K.; and Jensen, Maurice W., 4,516,144, Cl. 357-27.000.
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  - Forgione, Peter S.; Singh, Balwant; and Sedlak, John A., 4,547,265, Cl. 162-164.600.
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  - Holzner, Peter; and Sedlmeier, Werner, 4,503,496, Cl. 364-200.000.
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  - McHenry, Robert J.; Seebohm, Robert; and Ryan, Martin A., 4,526,821, Cl. 428-35.000.
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- Seedhouse, Frederick A.: *See—*
  - Green, Frederick A.; and Seedhouse, Frederick A., 4,530,592, Cl. 355-11.000.
- Seefeld, Wayne F. Flotation device. 4,517,911, 5-21-85, Cl. 114-267.000.
- Seefeldt, Joachim, to Bielomatik Leuze GmbH & Co. Process and apparatus for transporting piles of sheets. 4,545,715, 10-8-85, Cl. 414-36.000.

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- Ernst, Hans-Hellmut; and Seel, Holger, 4,509,707, Cl. 242-107.40A.

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Seely, Earle S.; and LaValley, Roger O., to RFL Industries, Inc. Method and apparatus for degaussing magnetic storage media. 4,551,782, 11-5-85, Cl. 361-151.000.

Seely, James R., to Marketing Displays, Inc. Sign and attachment apparatus. 4,507,887, 4-2-85, Cl. 40-606.000.

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Seely, Neil G., to Eastman Kodak Company. Viewfinder for autofocus cameras. 4,557,578, 12-10-85, Cl. 354-400.000.

Seely, Robert J., to American Genetics International, Inc. Product and process for stimulating bacterial action in an anaerobic digestion system. 4,529,701, 7-16-85, Cl. 435-244.000.

Seeman, Jindrich: *See—*
- Valasek, Miloslav; Langer, Frantisek; Hradek, Jaroslav; and Seeman, Jindrich, 4,517,457, Cl. 250-239.000.

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- Schollmeyer, Thomas A.; and Elsmore, Jeffrey C., 4,504,153, Cl. 368-10.000.

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- Chiu, Te-Long, 4,490,900, Cl. 29-571.000.
- Gupta, Anil, 4,511,811, Cl. 307-463.000.
- Gupta, Anil; and Perlegos, George, 4,546,454, Cl. 365-200.000.
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- Smarandoiu, George; and Perlegos, George, 4,535,259, Cl. 307-530.000.
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Seer, Harold G., Jr., to RCA Corporation. Synchronously detected DC/DC converter for regulated power supply. 4,510,564, 4-9-85, Cl. 363-23.000.

Seese, Mark A.; and Chiang, Robert L., to W. R. Grace & Co. Co-gel catalyst manufacture. 4,499,197, 2-12-85, Cl. 502-65.000.

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- Morgenthaler, Eugen, 4,518,339, Cl. 425-367.000.

Seffernick, Lewis L.; and Trobridge, Gary W., to CTS Corporation. Machine insertion of circuit module terminals. 4,543,714, 10-1-85, Cl. 29-845.000.

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- Gangemi, Giovanni; and Sefusatti, Giuseppe, 4,540,890, Cl. 307-40.000.

Segal, Brahm R. High-fidelity audio frequency amplifier. 4,555,672, 11-26-85, Cl. 330-255.000.

Segal, David L., to United Kingdom Atomic Energy Authority. Process for producing aluminium containing sols. 4,532,072, 7-30-85, Cl. 252-313.100.

Segalla, Ruggero, to SKA S.p.A. Feeding trough for flying animals, particularly turkeys, capable of regulating the level of the feed. 4,552,095, 11-12-85, Cl. 119-53.000.

Segan, Marc C.; Swarztrauber, Sayre A.; and Patterson, Neil K., to Dakin, R. Squeeze switch particularly adapted for use with stuffed toys. 4,547,635, 10-15-85, Cl. 200-52.00R.

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Segarra, Gerard, to U.S. Philips Corporation. Error-protected data transmission device and communication network. 4,551,842, 11-5-85, Cl. 371-69.000.

Segaud, Christian, to Rhone-Poulenc Specialites Chimiques. Polymer/-filler molding compositions. 4,528,303, 7-9-85, Cl. 523-212.000.

Segawa, Hideo; Mori, Koji; Itagaki, Masanori; Sakurai, Kohichi; and Ishiwata, Tatsumi, to Ricoh Company, Ltd. Image sensing device. 4,499,384, 2-12-85, Cl. 250-578.000.

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Segawa, Hirohisa: *See—*
- Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, 4,553,018, Cl. 219-130.510.
- Ukai, Jun; Segawa, Hirohisa; and Ando, Haruki, 4,504,728, Cl. 219-125.100.

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Segawa, Makoto; and Ariizumi, Shoji, to Tokyo Shibaura Denki Kabushiki Kaisha. Static bootstrap semiconductor drive circuit. 4,554,469, 11-19-85, Cl. 307-482.000.

Segawa, Makoto: *See—*
- Ariizumi, Shoji; Segawa, Makoto; and Masuoka, Fujio, 4,535,426, Cl. 365-182.000.
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Segawa, Yasuhiko: *See—*
- Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, 4,526,735, Cl. 264-27.000.
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Seger, Fritz O., to Smith International, Inc. Low noise valve. 4,549,718, 10-29-85, Cl. 251-121.000.

Segers, Dennis L., to Mostek Corporation. Sense amplifier with time dependent sensitivity. 4,545,036, 10-1-85, Cl. 365-189.000.

- Segerson, Eugene E.; and Thomas, Floyd L., to Motorola, Inc. Connectorless fiber optic package. 4,533,209, 8-6-85, Cl. 350-96.200.
- Segesser, Bernhard: *See—*
  - Senn, Urs; and Segesser, Bernhard, 4,492,227, Cl. 128-165.000.
- Segev, Aharon: *See—*
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- Segler, Calvin A. Strength saver commode. 4,554,689, 11-26-85, Cl. 4-254.000.
- Segletes, Steven B., to United States of America, Army. Confinement fabrication technique for asymmetrically confined shaped-charge warheads. 4,513,666, 4-30-85, Cl. 102-476.000.
- Segonne, Jean-Marc, to Maco Meudon Chemin de Genas. Compressor servomechanical regulator. 4,515,515, 5-7-85, Cl. 417-26.000.
- Segre-Amar, Leonello. System and method for transmitting messages to a telephone set through the subscriber's line in a telephone system. 4,510,349, 4-9-85, Cl. 179-2.00A.
- Segu, Bruno: *See—*
  - Drisaldi, Giovanni; Fontana, Eugenio; Manetti, Virgilio; Segu, Franco; Segu, Sandro; and Segu, Bruno, 4,523,908, Cl. 433-8.000.
- Segu, Franco: *See—*
  - Drisaldi, Giovanni; Fontana, Eugenio; Manetti, Virgilio; Segu, Franco; Segu, Sandro; and Segu, Bruno, 4,523,908, Cl. 433-8.000.
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- Seguchi, Hiroshi: *See—*
  - Yoshida, Yasuharu; Seguchi, Hiroshi; and Tagashira, Yoshimi, 4,501,004, Cl. 375-102.000.
- Seguenot, Gabriel, to Societe Nouvelle Auxim (Societe Anonyme). Device providing an effective seal for a spherical rotary slide valve. 4,511,150, 4-16-85, Cl. 277-12.000.
- Seguin, Marc: *See—*
  - Dumoulin, Andre; Seguin, Marc; and Bouffard, Jean, 4,525,993, Cl. 57-58.520.
- Seguin, Marie-Christine; and Gueyne, Jean, to Societe dite: Exsymol S.A.M. Manufacture of non-saponifiable compounds from natural substances and the resulting products. 4,549,990, 10-29-85, Cl. 260-397.250.
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- Segutronica, S.A.: *See—*
  - Garcia, Antonio D., 4,514,001, Cl. 292-341.160.
- Seher, Fred H.: *See—*
  - Gioia, Norman F.; and Seher, Fred H., 4,547,698, Cl. 313-414.000.
- Seher, Gero: *See—*
  - Michel, Wolfgang; Paul, Heinz; Rummel, Andreas; Seher, Gero; Ossowski, Manfred; and Heberlein, Irmtrud, 4,533,438, Cl. 201-31.000.
- Sehmer, Robert W.: *See—*
  - Schubring, Allin W.; and Sehmer, Robert W., 4,535,310, Cl. 335-61.000.
- Sehnem, Hans P., to Bayer Aktiengesellschaft. Preparation of menthyl permethrate. 4,518,791, 5-21-85, Cl. 560-124.000.
- Sehnert, Steven D.; McClure, Gerald B.; and McPhee, William A., to Dresser Industries, Inc. Explosive safe/arm system for oil well perforating guns. 4,523,650, 6-18-85, Cl. 175-4.560.
- Sei, Kazuo: *See—*
  - Inoue, Hiroshi; Sezume, Tadashi; Isoi, Masaaki; Iwanami, Kunio; and Sei, Kazuo, 4,528,329, Cl. 525-74.000.
- Seib, Karl: *See—*
  - Straub, Ferdinand; Sanner, Axel; Seib, Karl; and Lang, Siegfried, 4,551,512, Cl. 526-264.000.
- Seibel, Robert V.: *See—*
  - Winschel, Richard E., deceased; Heil, Fred B.; and Seibel, Robert V., 4,504,217, Cl. 431-183.000.
- Seibert, Darrel L. Portable water filtration system for oil well fractionation. 4,534,869, 8-13-85, Cl. 210-788.000.
- Seibert, Karl; Neumann, Klaus; Spiess, Ernst; and Bruil, Hendrik G., to Akzona Incorporated. Thickening agent based on polyether derivatives. 4,521,326, 6-4-85, Cl. 252-174.210.
- Seid, Bernhard: *See—*
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- Seidel, Eberhard: *See—*
  - Armbruster, Gerhard; Schadlich, Fritz; and Seidel, Eberhard, 4,545,121, Cl. 30-374.000.
- Seidel, Hans: *See—*
  - Roder, Albert; Seidel, Hans; and Giffhorn, Friedrich, 4,550,079, Cl. 435-189.000.
- Seidel, Hans-Georg: *See—*
  - Schneider, Wilhelm; and Seidel, Hans-Georg, 4,528,018, Cl. 65-260.000.
- Seidel, Harry W.: *See—*
  - Remington, John L.; and Seidel, Harry W., 4,535,897, Cl. 211-70.600.
- Seidel, Hartmut; and Hammerschmidt, Winrich B., to NATEC Institut. Apparatus for making a one-piece, washable and sterilizable plastic shoe. 4,505,660, 3-19-85, Cl. 425-129.00S.
- Seidel, John C. Wind propulsion apparatus. 4,533,159, 8-6-85, Cl. 280-810.000.
- Seidel, Joseph, to Westinghouse Electric Corp. Control method for loading battery electrodes. 4,519,425, 5-28-85, Cl. 141-1.100.
- Seidel, Lawrence H.: *See—*
  - Schron, Jack H.; and Seidel, Lawrence H., 4,511,127, Cl. 269-32.000.
- Seidel, Michael: *See—*
  - Tamm, Franz; Horicke, Bernhard; Welfle, Kurt; Seidel, Michael; Tettke, Wolfgang; and Luckfiel, Karl-Heinz, 4,551,183, Cl. 148-12.00R.
- Seidel, Roland H., to AT&T Technologies, Inc. Connectorized cable and methods of making. 4,514,027, 4-30-85, Cl. 339-105.000.
- Seidel, William J.: *See—*
  - Pinede, Edourd; and Seidel, William J., 4,515,998, Cl. 179-146.00R.
- Seidel, Wolfgang; Kazda, Stanislav; and Knorr, Andreas, to Bayer Aktiengesellschaft. Vaso-dilating 1,4-dihydropyridine lactams. 4,558,055, 12-10-85, Cl. 514-291.000.
- Seiden, Myron A.: *See—*
  - Blakely, Linda L.; and Seiden, Myron A., 4,540,259, Cl. 354-109.000.
- Seidenfaden, Heinz, to Vereinigte Flugtechnische Werke GmbH. Tool for trimming of edges. 4,504,178, 3-12-85, Cl. 409-138.000.
- Seidenschnur, Ehrhardt: *See—*
  - Kebschull, Franz; and Seidenschnur, Ehrhardt, 4,492,861, Cl. 250-237.00G.
- Seidensticker, Jens; and Grosswendt, Werner, to Rheinmetall GmbH. Process for flight-attitude-adjustment of a flying body and/or activation of live load carried by the flying body and arrangement for carrying out the process. 4,557,437, 12-10-85, Cl. 244-3.210.
- Seidl, Gunther, to Zahnradfabrik Friedrichshafen AG. Regulatable vane pump. 4,536,133, 8-20-85, Cl. 417-307.000.
- Seidl, Jiri, to Bayerische Motoren Werke Aktiengesellschaft. Cylinder head for four-cycle internal combustion engines. 4,494,489, 1-22-85, Cl. 123-41.310.
- Seidl, Jiri, to Bayerische Motoren Werke AG. Two-cylinder, four-stroke-cycle, double-piston engine, especially air-flow-cooled for motorcycles. 4,558,676, 12-17-85, Cl. 123-432.000.
- Seidl, Josef, to Bayerische Motoren Werke AG. Rider ejector arrangement for a single track vehicle, such as a motorcycle. 4,560,185, 12-24-85, Cl. 280-748.000.
- Seidler, David, to Max Factor & Co. Adjustable product applicator. 4,498,490, 2-12-85, Cl. 132-88.500.
- Seidler, Klaus: *See—*
  - Fahrmbacher-Lutz, Ludwig; and Seidler, Klaus, 4,525,250, Cl. 204-58.500.
- Seidman, Abraham. Puzzle toy. 4,548,411, 10-22-85, Cl. 273-153.00R.
- Seifert, Dieter; Muller, Harald; Muller, Lothar; Pestel, Karl; and Geissler, Helmut, to VEB Kombinat Textima. Continuously-operating machine for the treatment of animal hides and skins. 4,519,224, 5-28-85, Cl. 69-30.000.
- Seifert, Helmut; and Mondel, Karl, to Repa Feinstanzwerk GmbH. Deflection device for safety belts. 4,508,286, 4-2-85, Cl. 242-107.000.
- Seifert, Hermann: *See—*
  - Feyen, Peter; Seifert, Hermann; and Kohler, Egon, 4,537,730, Cl. 260-989.000.
- Seifert, James F.: *See—*
  - Maier, Otto H.; Seifert, James F.; Ryder, John C.; and Grisez, William F., 4,513,853, Cl. 198-410.000.
- Seifert, Janice P. Process of inlaying a design in molded simulated marble. 4,554,118, 11-19-85, Cl. 264-73.000.
- Seifert, Jaroslav: *See—*
  - Flegel, Martin; Krojidlo, Milan; Kolinsky, Jiri; Masek, Karel; and Seifert, Jaroslav, 4,515,715, Cl. 260-112.50R.
- Seifert, Klaus, to Volkswagenwerk Aktiengesellschaft. Gear shift lever assembly. 4,527,913, 7-9-85, Cl. 384-215.000.
- Seifert, Kurt, to Robert Bosch GmbH. Fuel injection nozzle for internal combustion engines. 4,526,323, 7-2-85, Cl. 239-453.000.
- Seifert, Kurt; and Hofmann, Karl, to Robert Bosch GmbH. Fuel injection nozzle for internal combustion engines. 4,531,676, 7-30-85, Cl. 239-453.000.
- Seifert, Kurt: *See—*
  - Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, 4,516,729, Cl. 239-453.000.
- Seifert, William F. C.: *See—*
  - Stone, Carroll E.; and Seifert, William F. C., 4,511,545, Cl. 423-240.000.
- Seiferth, Oscar E.: *See—*
  - Brown, Richard K.; and Seiferth, Oscar E., 4,555,605, Cl. 219-10.55E.
- Seiffert, Edward J., to Du Pont de Nemours, E. I., and Company. Extrusion die. 4,518,343, 5-21-85, Cl. 425-466.000.
- Seiffert, Harry: *See—*
  - Muller, Alfred; and Seiffert, Harry, 4,543,780, Cl. 57-406.000.
- Seifried, Walter: *See—*
  - Walch, Axel; Seifried, Walter; Michel, Wolfgang; Kuhls, Jurgen; and Wildhardt, Jurgen, 4,499,211, Cl. 521-145.000.
  - Walch, Axel; Seifried, Walter; Michel, Wolfgang; Kuhls, Jurgen; and Wildhardt, Juergen, 4,524,155, Cl. 521-64.000.
  - Walch, Axel; Seifried, Walter; Michel, Wolfgang; Kuhls, Jurgen; and Wildhardt, Jurgen, 4,557,955, Cl. 428-35.000.
- Seifter, Eli; and Rettura, Giuseppe, to Albert Einstein College of Medicine of Yeshiva University. Reduction of high dose aspirin toxicity by dietary vitamin A. 4,491,574, 1-1-85, Cl. 424-10.000.
- Seigle, Sandra K.: *See—*
  - Anderson, James D.; and Seigle, Sandra K., 4,541,945, Cl. 252-149.000.

Seigneurin, Laurent: *See—*

Bergez, Pierre; Deguelte, Alain; and Seigneurin, Laurent, 4,545,964, Cl. 423-138.000.

Jacques, Roland; Reppelin, Michel; and Seigneurin, Laurent, 4,504,595, Cl. 502-224.000.

Seigneurin, Michel; and Blanc, Roger, to Micro-Mega. Device for dental massage to prevent tooth decay. 4,534,733, 8-13-85, Cl. 433-122.000.

Seigneurin, Michel: *See—*

Garcia, Philippe; and Seigneurin, Michel, 4,533,322, Cl. 433-29.000.

Seignier, Georges B.: *See—*

Sorba, Antoine; Attal, Gerard J.; Seignier, Georges B.; and Hamad, Ahmed M., 4,527,116, Cl. 324-77.00B.

Seikagaku Kogyo Co., Ltd.: *See—*

Nakahara, Chizuko; Tanaka, Shigenori; Tamura, Hiroshi; and Matsumoto, Akiyoshi, 4,495,294, Cl. 436-502.000.

Seike, Haruo: *See—*

Takagaki, Tokujiro; Sasaki, Tetsuo; and Seike, Haruo, 4,554,227, Cl. 429-178.000.

Seike, Stephen C.: *See—*

Lowenthal, Richard W.; Seike, Stephen C.; and Walsh, Gregory V., 4,502,038, Cl. 340-365.00S.

Seikel, Wolfgang: *See—*

Mathes, Josef; Abendroth, Paul; Holl, Roland; and Seikel, Wolfgang, 4,530,283, Cl. 101-230.000.

Seiken Kai Foundation Juridical Person: *See—*

Hata, Kosei, 4,521,515, Cl. 435-248.000.

Seiki Engineering & Research Co. Ltd.: *See—*

Yoshida, Yoshiichi, 4,516,927, Cl. 425-549.000.

Seiki, Hiromichi, to Idemitsu Kosan Company Limited. Lubricant for use at high temperature. 4,519,927, 5-28-85, Cl. 252-49.600.

Seiki, Kazuo; Suzuki, Yoshihisa; and Yasui, Yoshiharu, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for yarn piecing in fasciated yarn spinning unit. 4,543,776, 10-1-85, Cl. 57-261.000.

Seiki, Kazuo: *See—*

Horiuchi, Mitsunori; Suzuki, Yoshihisa; Yasui, Yoshiharu; and Seiki, Kazuo, 4,503,662, Cl. 57-261.000.

Morishita, Toshio; Yasui, Yoshiharu; Suzuki, Yoshihisa; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,557,022, Cl. 19-267.000.

Suzuki, Yoshihisa; Yasui, Yoshiharu; Seiki, Kazuo; and Takasu, Shigeru, 4,513,481, Cl. 19-244.000.

Tanaka, Akira; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,545,193, Cl. 57-261.000.

Tanaka, Akira; Tsunekawa, Takahiko; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,550,560, Cl. 57-261.000.

Seiki, Ryosaburo: *See—*

Ichinomiya, Toshio; Seiki, Ryosaburo; and Imai, Tatsuo, 4,554,214, Cl. 428-423.100.

Seiko Giken Kabushiki Kaisha: *See—*

Hori, Masaki, 4,504,035, Cl. 248-559.000.

Seiko Instruments & Electronics Ltd.: *See—*

Fujita, Sumio, 4,520,502, Cl. 381-51.000.

Hoshi, Hideo; and Kamamori, Hitoshi, 4,525,710, Cl. 340-784.000.

Ikehata, Yukio, 4,516,863, Cl. 368-157.000.

Ishida, Takashi; and Shida, Masaharu, 4,493,559, Cl. 368-74.000.

Itaya, Kingo; Shibayama, Kimio; Toshima, Shinobu; Ataka, Tatsuaki; and Iwasa, Koji, 4,498,739, Cl. 350-357.000.

Kawashima, Hirofumi, 4,525,646, Cl. 310-360.000.

Mitamura, Gen, 4,509,866, Cl. 368-296.000.

Sano, Yutaka; Iwasa, Koji; Kamamori, Hitoshi; Suginoya, Mitsuru; and Terada, Yumiko, 4,528,073, Cl. 204-15.000.

Suginoya, Mitsuru; Iwasa, Koji; Kamamori, Hitoshi; Sano, Yutaka; and Terada, Yumiko, 4,522,691, Cl. 204-18.100.

Suzuki, Hayao, 4,514,666, Cl. 318-293.000.

Takahashi, Kunihiro, 4,498,025, Cl. 310-312.000.

Takahashi, Kunihiro; and Matsuyama, Nobuyoshi, 4,540,909, Cl. 310-370.000.

Ueda, Makoto, 4,518,906, Cl. 318-696.000.

Ueda, Makoto, 4,529,322, Cl. 368-255.000.

Yokosuka, Koichi, 4,539,736, Cl. 24-644.000.

Seiko Kagaku Kogyo Co., Ltd.: *See—*

Yoshioka, Shigehiko; Yamada, Hideto; Goto, Kimihiko; Adachi, Yoshio; and Miyahana, Kazuo, 4,533,434, Cl. 162-124.000.

Seiko Koki Kabushiki Kaisha: *See—*

Nagaoka, Shinji; and Sato, Koji, 4,497,560, Cl. 354-403.000.

Seiko Seiki Kabushiki Kaisha: *See—*

Kogure, Toshiharu, 4,505,074, Cl. 51-165.770.

Komori, Haruyuki, 4,494,917, Cl. 418-69.000.

Seikoh Chemicals Co., Ltd.: *See—*

Ichinomiya, Toshio; Seiki, Ryosaburo; and Imai, Tatsuo, 4,554,214, Cl. 428-423.100.

Seikosha Co., Ltd.: *See—*

Hashimoto, Masao; and Kato, Katsumi, 4,508,459, Cl. 368-276.000.

Hayashi, Mikio, 4,553,864, Cl. 400-121.000.

Ikeda, Yoshiaki, 4,525,084, Cl. 400-55.000.

Ikeda, Yoshiaki, 4,526,487, Cl. 400-201.000.

Ikeda, Yoshiaki, 4,550,260, Cl. 307-106.000.

Owa, Yoshihito, 4,522,506, Cl. 368-75.000.

Tsumuraya, Kenichi; and Furuya, Toshiaki, 4,526,489, Cl. 400-693.000.

Seiler, Bernard C.: *See—*

Cook, Joel M.; Flamm, Daniel L.; Mayer, Edward H.; and Seiler, Bernard C., 4,554,047, Cl. 156-643.000.

Seiler, Claus-Dietrich; and Vahlensieck, Hans-Joachim, to Dynamit Nobel Aktiengesellschaft. Method of preparing 2-phenylethylchlorosilanes. 4,537,983, 8-27-85, Cl. 556-479.000.

Seiler, Claus-Dietrich; and Vahlensieck, Hans-Joachim, to Dynamit Nobel Aktiengesellschaft. Method for the preparation of mercapto alkyl silanes. 4,556,724, 12-3-85, Cl. 556-429.000.

Seiler, Ernst; and Lang, Wilhelm, to Fatzer AG. Method and apparatus for making stranded wires or cables. 4,530,205, 7-23-85, Cl. 57-9.000.

Seiler, Friedrich R.: *See—*

Knop, Jurgen; Sedlacek, Hans-Harald; and Seiler, Friedrich R., 4,510,129, Cl. 424-86.000.

Seiler, Herbert, and Hegar, Gert, to Ciba-Geigy Corporation. Fibre-reactive dyes, containing both chloro and fluoro triazine radicals. 4,507,236, 3-26-85, Cl. 534-634.000.

Seiler, Herbert, to Ciba-Geigy Corporation. Reactive dyes, process for their preparation and the use thereof. 4,545,785, 10-8-85, Cl. 8-549.000.

Seiler, Herbert: *See—*

Hegar, Gert; and Seiler, Herbert, 4,556,706, Cl. 534-618.000.

Seiler, James F. N., Jr., to United States of America, Army. Bond testing apparatus. 4,491,014, 1-1-85, Cl. 73-150.00A.

Seiler, James F. N., Jr., to United States of America, Army. Fluid safety valve. 4,494,563, 1-22-85, Cl. 137-496.000.

Seiler, Louis, Jr.; and Rosenbluth, Robert F., to Shiley Incorporated. Vascular graft prosthesis. 4,550,447, 11-5-85, Cl. 623-1.000.

Seiler, Nikolaus; and Sarhan, Shakir, to Merrell Dow Pharmaceuticals Inc. Treatment of seizure disorders and pharmaceutical compositions useful therein. 4,540,582, 9-10-85, Cl. 514-561.000.

Seiler, Wolfgang, to Fa. Oskar Schleicher. Single-leg hook for a double lift open shed Jacquard loom. 4,530,380. 7-23-85, Cl. 139-59.000.

Seilly, Alec H.; and Murray, Andrew E., to Lucas Industries Public Limited Company. Liquid fuel pumping apparatus. 4,523,569, 6-18-85, Cl. 123-458.000.

Seilly, Alec H.: *See—*

Best, Christopher H.; and Seilly, Alec H., 4,544,905, Cl. 336-136.000.

Seim, Albert D., II: *See—*

Dyett, Derek H.; Wood, Godfrey A.; and Seim, Albert D., II, 4,499,910, Cl. 131-95.000.

Seimi Chemical Co., Ltd.: *See—*

Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.

Seimiya, Ryubun; Tarumi, Noriyoshi; Kokiso, Masakazu; and Tsuchiya, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Intermediate transfer member for transferring toner image on a carrier. 4,511,622, 4-16-85, Cl. 428-323.000.

Seiner, Jerome A.: *See—*

Das, Suryya K.; Boberski, William G.; Greigger, Paul P.; Jones, James E.; Schappert, Raymond F.; and Seiner, Jerome A., 4,522,958, Cl. 523-212.000.

Das, Suryya K.; Greigger, Paul P.; Boberski, William G.; Jones, James E.; Schappert, Raymond F.; and Seiner, Jerome A., 4,526,910, Cl. 523-220.000.

Hodek, Robert B.; and Seiner, Jerome A., 4,501,821, Cl. 502-155.000.

Hodek, Robert B.; and Seiner, Jerome A., 4,508,646, Cl. 260-239.30R.

Ward, Thomas A.; Greer, Stanley T.; Boberski, William G.; and Seiner, Jerome A., 4,529,467, Cl. 156-307.300.

Seinera, Andre: *See—*

Jacquemin, Claude; Provost, Florent; and Seinera, Andre, 4,515,560, Cl. 432-80.000.

Seino, Junzaburo: *See—*

Hashimoto, Kiyoyasu; Yoshinaga, Kenji; Mori, Yoshio; Seino, Junzaburo; Kenmochi, Hirohito; and Sato, Katsunobu, 4,536,569, Cl. 534-575.000.

Seino, Kazuyuki: *See—*

Kamohara, Eiji; and Seino, Kazuyuki, 4,562,377, Cl. 313-402.000.

Seino, Shuichi: *See—*

Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.

Seino, Shunji: *See—*

Amano, Masahiro; Seino, Shunji; Nishiyama, Ryota; and Nozaki, Masaoki, 4,519,873, Cl. 162-138.000.

Seino, Tadashi: *See—*

Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, 4,552,312, Cl. 239-585.000.

Seipelt, Egon: *See—*

Hentschel, Peter; Meyl, Wolfgang; and Seipelt, Egon, 4,494,870, Cl. 356-152.000.

Seipenbusch, Jurgen: *See—*

Langhoff, Josef; and Seipenbusch, Jurgen, 4,514,191, Cl. 48-77.000.

Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, to Hoechst Aktiengesellschaft. Polypeptide having an action on the immunological system, process for its isolation and purification, its use, agents containing this compound, and its cleavage products, their use and agents containing these products. 4,500,450, 2-19-85, Cl. 260-112.00R.

Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, to Hoechst Aktiengesellschaft. Polypeptide having an action on the immunological system, processes for its isolation and purification, its use, agents containing this compound, and its cleavage products, their use and agents containing these products. 4,526,717, 7-2-85, Cl. 260-112.50R.

Seiren Co., Ltd.: *See—*

Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.

- Seisakusho Kabushiki Kaisha Toyoda Jidoshokki: *See—*
  - Honda, Hiroshi; and Hasegawa, Mitsuru, 4,494,888, Cl. 139-435.000.
  - Kodama, Ikuo; Muramatsu, Shigeru; Terasaki, Kazunori; and Morita, Takayuki, 4,498,283, Cl. 57-261.000.
  - Suzuki, Hajime; and Shiraki, Masao, 4,495,971, Cl. 139-435.000.
  - Suzuki, Hajime; and Iwano, Yoshimi, 4,502,512, Cl. 139-116.000.
- Seisan Nippon Sha, Ltd.: *See—*
  - Yano, Mitsuru, 4,555,282, Cl. 156-66.000.
- Seismograph Service Corporation: *See—*
  - Ziolkowski, Antoni M.; and Lerwill, William E., 4,500,978, Cl. 367-142.000.
- Seissl, Johann: *See—*
  - Krauss, Peter; Reinhardt, Jurgen; and Seissl, Johann, 4,509,074, Cl. 358-111.000.
- Seita, Toru: *See—*
  - Oogai, Michiharu; Seita, Toru; Takeshige, Kosuke; and Shuyama, Hideo, 4,537,910, Cl. 521-27.000.
- Seitchik, Jerold A.: *See—*
  - Closson, Thomas A.; Oxford, David B.; Schenck, Stephen R.; and Seitchik, Jerold A., 4,514,828, Cl. 365-8.000.
- Seite, Claude; Commereuc, Dominique; and Chauvin, Yves, to Institut Francais du Petrole. Process for homologating alcohols through the intermediate production of ketals with cobalt carbonyl complexes as catalysts. 4,511,743, 4-16-85, Cl. 568-814.000.
- Seitelman, Leon H.; and Kaveckas, Edward J., to United Technologies Corporation. Method for chamfering the edges of gear teeth. 4,548,531, 10-22-85, Cl. 409-9.000.
- Seiter, Charles R.: *See—*
  - Blevins, Milton L.; and Seiter, Charles R., 4,512,178, Cl. 72-393.000.
- Seiter, Wolfgang: *See—*
  - Koch, Otto; Reuter, Herbert; and Seiter, Wolfgang, 4,552,681, Cl. 252-140.000.
  - Reuter, Herbert; Seiter, Wolfgang; and Wegener, Ingo, 4,524,010, Cl. 252-135.000.
  - Schmid, Karl H.; Rommerskirchen, Hans J.; Reuter, Herbert; Seiter, Wolfgang; and Piorr, Robert, 4,495,092, Cl. 252-559.000.
- Seitetsu Kagaku Co., Ltd.: *See—*
  - Hayashi, Saburo; Tsuchiya, Hiroo; and Haruna, Kazuo, 4,529,412, Cl. 55-25.000.
  - Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,507,438, Cl. 525-119.000.
  - Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,541,871, Cl. 106-197.200.
- Seitz, Charles L.; Grunewald, Paul; Parker, Marshall M.; and Stafford, Irvin G., to Burroughs Corporation. Video synthesizer for a digital video display system employing a plurality of grayscale levels displayed in discrete steps of luminance. 4,513,278, 4-23-85, Cl. 340-347.0DA.
- Seitz, David M.; and Weinstein, Richard, to Champion Spark Plug Company. Protective housing for coating applicator. 4,520,949, 6-4-85, Cl. 222-108.000.
- Seitz Enzinger Noll Maschinenbau Aktiengesellschaft: *See—*
  - Ahlers, Egon, 4,509,565, Cl. 141-39.000.
  - Binnig, Rupert; Gerlach, Gunter; Nilles, Peter; and Pankatz, Jurgen, 4,512,811, Cl. 134-10.000.
  - Dennhardt, Werner, 4,506,709, Cl. 141-95.000.
  - Hoffmann, Karl; Krulitsch, Dieter; and Schwartz, Helmut, 4,543,184, Cl. 210-193.000.
- Seitz, Fred H.; and Jaschke, Max J., to Air Cabin Engineering. Magnetic target assembly. 4,524,976, 6-25-85, Cl. 273-388.000.
- Seitz, Georg: *See—*
  - Fischer, Wolfgang; Seitz, Georg; and Krenn, Karl-Dieter, 4,550,083, Cl. 436-42.000.
- Seitz, Hans; Frerichs, Udo; Rach, Heinz-Dieter; and Spendel, Siegmund, to Continental Gummi-Werke Aktiengesellschaft. Method of mounting a tire. 4,516,617, 5-14-85, Cl. 157-1.000.
- Seitz, Hans: *See—*
  - Funk, Heinrich; Pakur, Henryk; and Seitz, Hans, 4,509,575, Cl. 152-356.00R.
- Seitz, Helmut: *See—*
  - Dobler, Helmut; Zeller, Rolf; and Seitz, Helmut, 4,508,069, Cl. 123-192.00B.
- Seitz, James P.; and Zara, Rodger A., to NWL Transformers. Support assembly for a high voltage DC power supply. 4,527,221, 7-2-85, Cl. 361-379.000.
- Seitz, James P.; and Helmers, Michael, to NWL Transformers. Visible disconnect/ground switch. 4,536,659, 8-20-85, Cl. 307-41.000.
- Seitz, John E. Side view mirror truck windshield wiper. 4,527,301, 7-9-85, Cl. 15-250.00B.
- Seitz, John R. Bowling game. 4,501,426, 2-26-85, Cl. 273-277.000.
- Seitz, Max: *See—*
  - Blum, Rainer; Seitz, Max; and Kaczinski, Friedrich, 4,521,555, Cl. 524-63.000.
- Seitz, Michael E. A., to Standard Register Company, The. Color developers for pressure-sensitive or heat-sensitive recording papers. 4,531,139, 7-23-85, Cl. 346-201.000.
- Seitz, Rudolf, to Flabeg GmbH. Electrically heatable backing means for mirrors. 4,527,047, 7-2-85, Cl. 219-219.000.
- Seitz, Rudolf: *See—*
  - Hopkins, Tony A.; and Seitz, Rudolf, 4,560,386, Cl. 8-437.000.
- Seitz, William R.; and Zhujun, Zhang, to Allied Corporation. Fluorescent fluid determination method and apparatus. 4,548,907, 10-22-85, Cl. 436-163.000.
- Seiver, Robert L.; and Chianelli, Russell R., to Exxon Research & Engineering Co. Supported carbon-containing molybdenum and tungsten sulfide catalysts, their preparation and use. 4,540,482, 9-10-85, Cl. 208-215.000.
- Seiver, Robert L., to Exxon Research & Engineering Co. Composition and reforming process for the operation of a magnetically stabilized fluidized bed. 4,541,920, 9-17-85, Cl. 208-138.000.
- Seiver, Robert L.; and Gernand, Martin O., to Exxon Research & Engineering Co. Composition and hydrotreating process for the operation of a magnetically stabilized fluidized bed. 4,541,925, 9-17-85, Cl. 208-216.00R.
- Seiver, Robert L.; and Chianelli, Russell R., to Exxon Research & Engineering Co. Supported carbon-containing molybdenum and tungsten sulfide catalysts their preparation and use. 4,544,481, 10-1-85, Cl. 208-215.000.
- Seiwa Kagaku Kabushiki Kaisha: *See—*
  - Niibori, Kenji; and Suda, Hisao, 4,494,707, Cl. 242-67.200.
- Sejrsen, Kris: *See—*
  - Bauman, Dale E.; and Sejrsen, Kris, 4,521,409, Cl. 514-21.000.
- Sekellick, Ron S., to Mott Metallurgical Corporation. Pneumatic hydro-pulse filter system and method of operation. 4,552,669, 11-12-85, Cl. 210-798.000.
- Sekerich, Michael, to Grant Hardware Company. Cabinet door mounting mechanism. 4,516,813, 5-14-85, Cl. 312-323.000.
- Seki, Eiji; Tai, Ichiro; Shirayama, Shimpey; Itoh, Toshiaki; Endo, Yorimasa; and Fukushima, Toshiki, to Tokyo Shibaura Denki Kabushiki Kaisha. Preamplifier for a wide range neutron flux monitoring system. 4,493,811, 1-15-85, Cl. 376-254.000.
- Seki, Fumio, to Yoshida Kogyo K.K. Apparatus for orienting and placing a button for attachment to a garment. 4,493,448, 1-15-85, Cl. 227-119.000.
- Seki, Hirokazu: *See—*
  - Fujimoto, Michitaro; Ohde, Hironori; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,520,201, Cl. 548-342.000.
  - Fujimoto, Michitaro; Funazo, Giichi; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,560,764, Cl. 548-190.000.
- Seki, Kenji: *See—*
  - Izumi, Kazuo; Shimazaki, Kenji; and Seki, Kenji, 4,508,851, Cl. 502-426.000.
- Seki, Kimiaki; and Matsumoto, Akio, to Mitsubishi Denki Kabushiki Kaisha. Rotary blade pump having blades with wear resistant end surfaces. 4,518,333, 5-21-85, Cl. 418-152.000.
- Seki, Kimiaki, to Mitsubishi Denki Kabushiki Kaisha. Diaphragm type pump device. 4,560,326, 12-24-85, Cl. 417-480.000.
- Seki, Kisuke: *See—*
  - Miyatani, Takashi; Nakata, Junji; Seki, Kisuke; and Kageyama, Takafumi, 4,548,617, Cl. 51-293.000.
- Seki, Kunio; and Takeshita, Ritsuji, to Hitachi, Ltd. Transistor power amplifier circuit. 4,503,478, 3-5-85, Cl. 361-79.000.
- Seki, Kunio; and Takeshita, Ritsuji, to Hitachi, Ltd. Amplifier. 4,543,539, 9-24-85, Cl. 330-297.000.
- Seki, Masaki: *See—*
  - Kishi, Hajimu; and Seki, Masaki, 4,491,906, Cl. 364-191.000.
  - Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,506,331, Cl. 364-474.000.
  - Kishi, Hajimu; and Seki, Masaki, 4,510,568, Cl. 364-300.000.
  - Kishi, Hajimu; and Seki, Masaki, 4,523,270, Cl. 364-191.000.
  - Kishi, Hajimu; Seki, Masaki; and Kawasumi, Masashi, 4,533,286, Cl. 409-80.000.
  - Kishi, Hajimu; Tanaka, Kunio; and Seki, Masaki, 4,535,408, Cl. 364-475.000.
  - Kishi, Hajimu; and Seki, Masaki, 4,546,427, Cl. 364-168.000.
  - Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,555,590, Cl. 178-18.000.
  - Kishi, Hajimu; Seki, Masaki; Tanaka, Kunio; and Takegahara, Takashi, 4,556,833, Cl. 318-567.000.
  - Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,559,601, Cl. 364-475.000.
- Seki, Masayuki, to Nisshin Kogyo Kabushiki Kaisha. Disc brake with a pad retaining spring. 4,538,708, 9-3-85, Cl. 188-73.380.
- Seki, Megumi: *See—*
  - Takagiwa, Hiroyuki; Takahashi, Jiro; Shirose, Meizo; Inaba, Naomi; and Seki, Megumi, 4,557,991, Cl. 430-109.000.
- Seki, Mitsuaki; Tazaki, Shigemitsu; and Shirato, Yoshiaki, to Canon Kabushiki Kaisha. Recording apparatus. 4,492,966, 1-8-85, Cl. 346-33.00A.
- Seki, Mitsuaki: *See—*
  - Ayata, Naoki; Shirato, Yoshiaki; Takatori, Yasushi; and Seki, Mitsuaki, 4,520,373, Cl. 346-140.00R.
- Seki, Nagataka, to Tokyo Shibaura Denki Kabushiki Kaisha. Multiple inverters with overcurrent and shoot-through protection. 4,546,42 10-8-85, Cl. 363-56.000.
- Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, to Showa Denko Kabushiki Kaisha. Herbicidal 5-t-butyl-3-pyrazalylcarbamates and ureas. 4,501,606, 2-26-85, Cl. 71-92.000.
- Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, to Showa Denko Kabushiki Kaisha. Herbicidal 5-t-butyl-3-(N-alkanoylamino)pyrazoles. 4,505,739, 3-19-85, Cl. 71-92.000.
- Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, to SDS Biotech K.K. Herbicidal N-(5-t-butyl-3-pyrazolyl) carbamates. 4,545,809, 10-8-85, Cl. 71-92.000.
- Seki, Norio: *See—*
  - Sakaguchi, Haruo; Seki, Norio; Yamamoto, Shu; and Okada, Akira, 4,523,802, Cl. 350-96.120.

Seki, Shinichiro: *See—*

Shimamoto, Kunihiro; Hatanaka, Hiroshi; Seki, Shinichiro; and Orita, Ryozo, 4,493,938, Cl. 568-62.000.

Seki, Shinji: *See—*

Sakamoto, Keiji; and Seki, Shinji, 4,547,719, Cl. 318-723.000.

Seki, Tadashi: *See—*

Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, 4,518,353, Cl. 432-205.000.

Seki, Teruo; Yamauchi, Takahiko; and Aoyama, Keizo, to Fujitsu Limited. Constant operation speed logic circuit. 4,507,574, 3-26-85, Cl. 307-448.000.

Seki, Teruo: *See—*

Yamauchi, Takahiko; Seki, Teruo; and Aoyama, Keizo, 4,549,199, Cl. 357-68.000.

Seki, Tokahiro: *See—*

Okahata, Yoshio; and Seki, Tokahiro, 4,548,955, Cl. 521-53.000.

Seki, Tomoaki: *See—*

Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.

Seki, Yasutomo; Akiyama, Toshio; Nakabayashi, Norio; and Iizuka, Yutaka, to Nippon Kogaku K.K. Focusing screen of a camera. 4,519,686, 5-28-85, Cl. 354-200.000.

Seki, Yasuyuki: *See—*

Ohta, Tomohisa; Dobashi, Akihiko; Kanbara, Hisashige; and Seki, Yasuyuki, 4,554,174, Cl. 427-44.000.

Sekiba, Toshinobu, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device with sprayed metal layer. 4,542,401, 9-17-85, Cl. 357-71.000.

Sekibata, Masao: *See—*

Otsuka, Kanji; Mitsusada, Kazumichi; Sekibata, Masao; and Ohnishi, Shinji, 4,541,003, Cl. 357-74.000.

Sekida, Minoru: *See—*

Taniguchi, Nobuyuki; Hosomizu, Hiroshi; Inoue, Toru; Nakai, Masaaki; Omaki, Takanobu; Niwa, Masatake; and Sekida, Minoru, 4,514,073, Cl. 354-414.000.

Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,550,996, Cl. 354-416.000.

Taniguchi, Nobuyuki; Nakai, Masaaki; Omaki, Takanobu; Hosomizu, Hiroshi; Niwa, Masatake; Inoue, Toru; and Sekida, Minoru, 4,558,939, Cl. 354-416.000.

Sekido, Tetsuya: *See—*

Kokufukata, Seigo; and Sekido, Tetsuya, 4,494,145, Cl. 358-163.000.

Sekido, Yasuo: *See—*

Inoue, Akira; Takase, Shinji; Sekido, Yasuo; Mori, Masao; and Kubo, Tatsuki, 4,508,849, Cl. 502-263.000.

Sekigami, Kazuo: *See—*

Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.

Sekigawa, Tadahiko: *See—*

Kamegaya, Takeo; Sekigawa, Tadahiko; Kurakami, Hiroshi; and Suzuki, Yoshiro, 4,529,909, Cl. 313-584.000.

Sekigawa, Tatsuaki; Gotoh, Akio; Tsutsumi, Syuitsu; Marui, Kuniyoshi; and Honda, Naoto, to Toshiba Corporation. Wireless telephone apparatus with protection against power loss. 4,509,201, 4-2-85, Cl. 455-73.000.

Sekiguchi, Fumio: *See—*

Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, 4,527,208, Cl. 360-85.000.

Sekiguchi, Hiroshi: *See—*

Matumoto, Hiroaki; and Sekiguchi, Hiroshi, 4,514,675, Cl. 318-696.000.

Sekiguchi, Kanetaka: *See—*

Togashi, Seigo; and Sekiguchi, Kanetaka, 4,502,204, Cl. 29-571.000.

Sekiguchi, Katsumi: *See—*

Kawai, Yoichi; Gotoh, Yoshihisa; Yokote, Sachio; Maki, Masami; and Sekiguchi, Katsumi, 4,510,079, Cl. 252-511.000.

Sekiguchi, Kazuya: *See—*

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,516,596, Cl. 137-240.000.

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,539,903, Cl. 99-470.000.

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,559,963, Cl. 137-1.000.

Sekiguchi, Koichi; Takematsu, Hikaru; Yamamoto, Kazuyuki; and Kubo, Teruyuki, to Telegraph & Telephone Pub. Corp.; and Iwasaki Tsushinki Kabushiki Kaisha. Control signal transmission system for key telephone system. 4,551,583, 11-5-85, Cl. 179-99.00M.

Sekiguchi, Nobuhisa: *See—*

Yokoyama, Shigeki; Nakamura, Koki; Kouda, Jyounichi; and Sekiguchi, Nobuhisa, 4,555,480, Cl. 430-527.000.

Sekiguchi, Nobuo: *See—*

Harada, Kazuhiro; Tsuchiya, Yuzoh; Sekiguchi, Nobuo; and Ishikawa, Toshio, 4,508,251, Cl. 226-25.000.

Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, to Lion Corporation. Process for producing sulfonate of unsaturated fatty acid ester. 4,545,939, 10-8-85, Cl. 260-400.000.

Sekiguchi, Shizuo; Kitano, Kyozo; and Nagano, Katsumasa, to Lion Corporation. Surfactant composition. 4,561,999, 12-31-85, Cl. 252-557.000.

Sekiguchi, Shoichi: *See—*

Takafuji, Hideo; and Sekiguchi, Shoichi, 4,539,848, Cl. 73-599.000.

Sekiguchi, Tomozo: *See—*

Hashimoto, Junichi; and Sekiguchi, Tomozo, 4,504,163, Cl. 401-53.000.

Sekiguchi, Toru; and Sanguu, Isao, to Nippon Electric Co., Ltd. Scan tracking apparatus for helical scan video tape recorder. 4,520,410, 5-28-85, Cl. 360-77.000.

Sekiguchi, Yoshitoshi: *See—*

Okigami, Noboru; Hayasaka, Hiroshi; Sekiguchi, Yoshitoshi; and Tamura, Harushige, 4,496,306, Cl. 431-8.000.

Sekiguchi, Yuji: *See—*

Yamamoto, Tsutomu; Ashizawa, Masaaki; Nishimoto, Kazuo; and Sekiguchi, Yuji, 4,508,777, Cl. 428-280.000.

Sekihara, Kensuke: *See—*

Yamamoto, Etsuji; Sekihara, Kensuke; Kohno, Hideki; and Yamamoto, Shinji, 4,558,425, Cl. 364-555.000.

Sekikawa, Nobuyoshi; Katsuyama, Harumi; and Kondo, Asaji, to Fuji Shashin Film Kabushiki Kaisha. Integral multilayer analytical element for the analysis of ammonia or an ammonia forming substrate and a method for the detection thereof using the same. 4,548,906, 10-22-85, Cl. 436-113.000.

Sekimoto, Misao: *See—*

Matsuo, Seitaro; Kiuchi, Mikiho; and Sekimoto, Misao, 4,543,266, Cl. 427-38.000.

Yoshihara, Hideo; Ozawa, Akira; Sekimoto, Misao; and Ono, Toshiro, 4,515,876, Cl. 430-5.000.

Sekimoto, Souichi; and Kato, Ryoki, to Fuji Xerox Co., Ltd. One-dimensional liquid crystal scanner. 4,504,119, 3-12-85, Cl. 350-336.000.

Sekimoto, Yukihiko; and Okamoto, Osamu, to Nitto Kagaku Kogyo Kabushiki Kaisha. Equipment for dissolving polyacrylamide powder for obtaining an aqueous solution thereof for enhanced oil recovery. 4,518,261, 5-21-85, Cl. 366-150.000.

Sekimura, Nobuyuki, to Canon Kabushiki Kaisha. Liquid crystal display device with reflection preventive function. 4,505,547, 3-19-85, Cl. 350-339.00R.

Sekimura, Nobuyuki, to Canon Kabushiki Kaisha. Liquid crystal device with anti-reflection function in dielectric layer. 4,556,288, 12-3-85, Cl. 350-339.00R.

Sekimura, Nobuyuki, to Canon Kabushiki Kaisha. Liquid crystal device with anti-reflection function in electrode. 4,560,240, 12-24-85, Cl. 350-336.000.

Sekimura, Nobuyuki: *See—*

Kamiya, Osamu; and Sekimura, Nobuyuki, 4,522,485, Cl. 355-11.000.

Sekine, Hideo: *See—*

Dobashi, Akihiko; Ohta, Tomohisa; Himori, Hirotsugu; and Sekine, Hideo, 4,544,573, Cl. 427-44.000.

Sekine, Jiro: *See—*

Hara, Hiroshi; Tobioka, Takashi; Yoshino, Takeshi; Nishikawa, Tetuo; and Sekine, Jiro, 4,530,582, Cl. 354-203.000.

Sekine, Kazumi: *See—*

Kano, Kuniomi; Fushimoto, Hideo; Sekine, Kazumi; Miyagawa, Akira; Hirata, Osamu; and Nishimuro, Yoshiaki, 4,535,416, Cl. 364-715.000.

Sekine, Kunio; Kaneda, Michihiro; Shinokura, Kiichiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, to Nippon Infrared Industries Co., Ltd. Laser irradiating apparatus. 4,497,319, 2-5-85, Cl. 128-303.100.

Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, to Dowa Mining Co., Ltd.; and Unitika Ltd. Method of selective separation and concentration of gallium and/or indium from solutions containing low levels of them and high levels of other metal ions. 4,517,096, 5-14-85, Cl. 210-668.000.

Sekine, Makoto: *See—*

Okano, Haruo; Horiike, Yasuhiro; and Sekine, Makoto, 4,529,475, Cl. 156-643.000.

Sekine, Masao: *See—*

Hasegawa, Shin-ich; Takano, Eiji; and Sekine, Masao, 4,505,882, Cl. 423-261.000.

Sekine, Masaru: *See—*

Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, 4,526,131, Cl. 118-718.000.

Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, 4,546,725, Cl. 118-718.000.

Sekine, Mitsuo: *See—*

Hashimoto, Shingo; and Sekine, Mitsuo, 4,507,572, Cl. 307-296.00R.

Sekine, Youji: *See—*

Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.

Sekine, Yukio: *See—*

Yokoe, Kazuo; and Sekine, Yukio, 4,526,567, Cl. 493-381.000.

Sekino, Syoichi, to Hitachi Construction Machinery Co., Ltd. Operation system for hoisting device. 4,549,640, 10-29-85, Cl. 192-0.094.

Sekino, Takeo; and Takeda, Masashi, to Sony Corporation. Latched comparator circuit. 4,559,522, 12-17-85, Cl. 340-347.0AD.

Sekino, Takeo: *See—*

Yamada, Takaaki; and Sekino, Takeo, 4,533,903, Cl. 340-347.0AD.

Sekino, Teruyoshi: *See—*

Kada, Hironosuke; Sekino, Teruyoshi; Murayama, Hirogazu; Tatsumi, Iazuaki; and Murakami, Tsudoi, 4,541,062, Cl. 364-513.000.

Sekisui Kagaku Kogyo Kabushiki Kaisha: *See*—
  Hata, Hiroyoshi; Honda, Seiichirou; Hosokawa, Seiya; Kanki, Kazuhiko; Matsumiya, Toshiharu; and Sakamoto, Kazuo, 4,495,312, Cl. 523-105.000.
  Honda, Seiichirou; Ogawara, Hiroshi; and Fukuda, Mutsumi, 4,534,798, Cl. 106-266.000.
  Iwai, Noboru; Hirunuma, Masanori; and Kaneko, Junichi, 4,508,669, Cl. 264-36.000.
  Kishi, Takaji, 4,495,243, Cl. 428-352.000.
  Matsumura, Michio; Inoue, Takao; and Arai, Toshihiro, 4,510,031, Cl. 204-159.200.
  Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, 4,495,315, Cl. 523-125.000.
  Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, 4,517,318, Cl. 523-126.000.
  Nishizaki, Tomoyoshi; Miyamoto, Minoru; Miyamoto, Kazuaki; Yoshida, Ken; Yamaji, Katsuhiko; and Nakata, Yasushi, 4,523,635, Cl. 165-104.120.
  Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, 4,548,186, Cl. 123-556.000.
Sekisui Kaseihin Kogyo Kabushiki Kaisha: *See*—
  Hayashi, Motoshige; Kobayashi, Toshirou; Yoshii, Motokazu; Tsubone, Masahiro; and Ishikawa, Mikio, 4,536,357, Cl. 264-53.000.
  Hayashi, Motoshige; and Kobayashi, Toshiro, 4,548,775, Cl. 264-45.500.
  Komatsuzaki, Nobuyuki; Tsubone, Masahiro; and Machida, Bon, 4,528,221, Cl. 428-35.000.
  Morioka, Kazumasa; and Yoshimi, Toru, 4,534,927, Cl. 264-321.000.
  Taniuchi, Akira; Nishibori, Setsuo; Komori, Hirohito; and Hayashi, Motoshige, 4,530,880, Cl. 428-402.000.
Sekiuchi, Kazuto: *See*—
  Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, 4,557,871, Cl. 556-183.000.
Sekiya, Hideshi: *See*—
  Nameda, Naoyoshi; Surisawa, Yooji; Nakamoto, Yasunobu; and Sekiya, Hideshi, 4,505,263, Cl. 126-438.000.
Sekiya, Hiroshi: *See*—
  Kawate, Keiichi; and Sekiya, Hiroshi, 4,505,024, Cl. 29-571.000.
Sekiya, Masataka: *See*—
  Kobori, Yasunori; Okamoto, Kaneyuki; Fukushima, Isao; Sekiya, Masataka; Nishijima, Hideo; Kano, Kenji; and Sakae, Tetsuo, 4,543,516, Cl. 318-318.000.
Sekiya, Mutsuo: *See*—
  Tanaka, Hideharu; Sekiya, Mutsuo; and Uchikawa, Fusaoki, 4,523,662, Cl. 181-249.000.
Sekiya, Shin: *See*—
  Sugihara, Masahiro; Morishita, Etsuo; Hirai, Tetsuo; and Sekiya, Shin, 4,533,292, Cl. 415-2.00R.
Sekiya, Shinji, to Disco Co., Ltd. Wafer attracting and fixing device. 4,521,995, 6-11-85, Cl. 51-235.000.
Sekiya, Shinji; and Ono, Takatoshi, to Disco Co., Ltd. Grinding wheel for flat plates. 4,545,154, 10-8-85, Cl. 51-209.00R.
Sekiya, Takashi: *See*—
  Kamata, Nobuo; Sekiya, Takashi; Takeda, Kazutoshi; Hayasaka, Toyoo; and Yoshida, Tomohisa, 4,520,087, Cl. 429-219.000.
Sekiya, Takuro: *See*—
  Ebi, Yutaka; Fujii, Tadashi; Sekiya, Takuro; Horike, Masanori; Furukawa, Tatsuya; and Tachiki, Masaaki, 4,504,844, Cl. 346-140.00R.
  Horike, Masanori; Furukawa, Tatsuya; Sekiya, Takuro; Ebi, Yutaka; Isayama, Takuro; and Tachiki, Masaaki, 4,510,509, Cl. 346-140.00R.
Sekiya, Teruo: *See*—
  Hayashi, Masahiro; Shimizu, Makoto; Kobayashi, Kazuo; and Sekiya, Teruo, 4,522,051, Cl. 72-235.000.
Sekiya, Tetsuo: *See*—
  Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.
  Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, 4,524,401, Cl. 360-113.000.
Sekiya, Toshifumi: *See*—
  Takami, Akio; Matsuura, Toshitaka; Tanaka, Kazutoshi; and Sekiya, Toshifumi, 4,532,179, Cl. 428-335.000.
Sekiya, Toshiyuki: *See*—
  Nagano, Teruo; Nakakita, Eiji; and Sekiya, Toshiyuki, 4,557,994, Cl. 430-162.000.
Sekizaki, Satoshi; Hosoya, Eiji; and Takasu, Hotoyuki, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for attaching transmission casing and brake casing in motorized three-wheeled vehicle. 4,534,440, 8-13-85, Cl. 180-215.000.
Sekizawa, Hidekazu; Iwamoto, Akito; Togashi, Kousaku; and Fujie, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha; and Toshiba Machine Company, Ltd. Apparatus for measuring the area of image portion of image-bearing member. 4,510,866, 4-16-85, Cl. 101-365.000.
Sekizawa, Hidekazu: *See*—
  Iwamoto, Akito; and Sekizawa, Hidekazu, 4,560,280, Cl. 356-375.000.
Sekler, Jorg; Zumsteg, Alphonse E.; and Hintermann, Hans-Erich, to Laboratoire Suisse de Recherches Horlogeres. Piezoelectric contamination detector. 4,561,286, 12-31-85, Cl. 73-23.000.
Sekmakas, Kazys; and Shah, Raj, to DeSoto, Inc. Epoxy phosphate-carboxyl copolymers and aqueous coatings containing the same. 4,497,946, 2-5-85, Cl. 528-99.000.
Sekmakas, Kazys; Shah, Raj; Lewarchik, Ronald J.; and Murray, Kevin P., to DeSoto, Inc. Polyester oligomer and high solids thermosetting coatings. 4,518,746, 5-21-85, Cl. 525-443.000.
Sekmakas, Kazys; and Shah, Raj, to DeSoto, Inc. Thermosetting latex coating compositions produced by copolymerization in aqueous emulsion in the presence of water-insoluble polyhydric alcohol. 4,525,510, 6-25-85, Cl. 524-156.000.
Sekmakas, Kazys; and Murphy, Edward J., to DeSoto, Inc. Epoxy-free hydroxy functional polyether based on oleyl alcohol and solvent-soluble copolymers containing the same. 4,525,543, 6-25-85, Cl. 525-529.000.
Sekmakas, Kazys; and Shah, Raj, to DeSoto, Inc. Wet adhesion promoters for emulsion polymers. 4,526,915, 7-2-85, Cl. 524-83.000.
Sekmakas, Kazys; and Shah, Raj, to DeSoto, Inc. Wet adhesion promoters for emulsion polymers. 4,535,122, 8-13-85, Cl. 524-809.000.
Seko, Kiyoshi, to Fuji Machinery Co., Ltd. Timing adjusting device for packaging machines. 4,545,174, 10-8-85, Cl. 53-51.000.
Seko, Osamu: *See*—
  Moriya, Masaichi; and Seko, Osamu, 4,497,514, Cl. 292-336.300.
Seko, Yasutoshi; Yanagishima, Takayuki; and Inoue, Masami, to Nissan Motor Company, Limited. Drowsiness alarm system for a vehicle. 4,496,938, 1-29-85, Cl. 340-576.000.
Seko, Yasutoshi; Inoue, Masami; and Yanagishima, Takayuki, to Nissan Motor Company, Limited. Alarm system for preventing an automotive vehicle driver from dozing at the wheel. 4,509,040, 4-2-85, Cl. 340-576.000.
Seko, Yasutoshi; and Yanagishima, Takayuki, to Nissan Motor Company, Limited. Dozing warning device for a vehicle. 4,518,954, 5-21-85, Cl. 340-576.000.
Seko, Yasutoshi: *See*—
  Yanagishima, Takayuki; and Seko, Yasutoshi, 4,502,122, Cl. 364-424.000.
  Yanagishima, Takayuki; and Seko, Yasutoshi, 4,555,694, Cl. 340-524.000.
Sekoguchi, Kotohiko; and Sonoda, Yoshiteru, to Sekoguchi, Kotohiko; and Fujikin International, Inc. Precision pressure gauge. 4,537,078, 8-27-85, Cl. 73-744.000.
Sekozawa, Teruji: *See*—
  Miyaoka, Shinichiro; Sekozawa, Teruji; Funabashi, Motohisa; and Hayashi, Shinobu, 4,562,552, Cl. 364-510.000.
Sela, Richard, to ARR-Tech Manufacturing, Inc. Stacking apparatus for flexible, generally planar food products. 4,530,632, 7-23-85, Cl. 414-35.000.
Selby, Donald R.: *See*—
  Dahlgren, Harold P.; Taylor, James E.; Peters, Dwight W.; and Selby, Donald R., 4,532,735, Cl. 51-56.00R.
Selby, Donald W., to Square D Company. Watertight bushing and bolt mounting assembly. 4,492,817, 1-8-85, Cl. 174-152.00R.
Selby, Larry M.; and Beever, William H., to Phillips Petroleum Company. Polymer blends. 4,528,335, 7-9-85, Cl. 525-420.000.
Selca S.p.A.: *See*—
  Conte, Alberto, 4,504,832, Cl. 340-870.370.
Selchow & Righter Company: *See*—
  Reiner, Lawrence; Albert, Arthur; and Albert, Judy, 4,529,385, Cl. 434-171.000.
Selectiebedrijf Kooi Beheer B.V.: *See*—
  Kooi, Hessel; and Meijer, Sjoerd, 4,498,837, Cl. 414-664.000.
Selenia Industrie Eletroniche Associate, S.p.A.: *See*—
  Bagaglia, Adriano; Marchetti, Renato; and Penco, Eugenio, 4,546,482, Cl. 372-86.000.
Selenia, Industrie Elettroniche Associate, S.p.A.: *See*—
  Bettini, Giuliano; Penso, Luigi; and Rodriguez, Giuseppe, 4,496,949, Cl. 343-7.700.
  Bujatti, Marina; and Cetronio, Antonio, 4,559,238, Cl. 427-82.000.
  Farina, Alfonso, 4,549,183, Cl. 343-7.00A.
  Giubbolini, Marco; and Marziali, Walter, 4,523,291, Cl. 364-724.000.
  Giuli, Dino, 4,544,926, Cl. 343-18.00E.
  Marchetti, Renato; and Penco, Eugenio, 4,509,176, Cl. 372-86.000.
  Rocchi, Luigi, 4,538,907, Cl. 356-1.000.
Selenke, William M. Tissue grinding and transporting device. 4,505,433, 3-19-85, Cl. 241-46.00R.
Selenke, William M. Label with particular application to laboratory specimen container identification. 4,513,522, 4-30-85, Cl. 40-2.00R.
Selero Limited: *See*—
  Hofmann, Helmut J., 4,530,125, Cl. 15-1.700.
Selestam, Rune K.; and Nygren, Ingemar K. Horizontal-shaft wind turbine with few blades. 4,534,705, 8-13-85, Cl. 416-162.000.
Self, Michael A.: *See*—
  Mullins, Lance A.; and Self, Michael A., 4,535,326, Cl. 340-679.000.
Selflevel Covers (Jersey) Limited: *See*—
  Ferns, Derek, 4,498,804, Cl. 404-25.000.
  Ferns, Derek, 4,508,470, Cl. 404-25.000.
  Ferns, Derek, 4,549,833, Cl. 404-4.000.
Selick, Barbara: *See*—
  Nusbaum, Arthur, 4,558,546, Cl. 52-221.000.
  Nusbaum, Arthur, 4,559,749, Cl. 52-221.000.
Seliga, Gerald W. Pistol grips with counterbalancing platforms. 4,558,533, 12-17-85, Cl. 42-71.00P.
Seliger, Hartmut: *See*—
  Daum, Joachim; Siewert, Gerhard; Topert, Michael; and Seliger, Hartmut, 4,543,329, Cl. 435-69.000.

- Seliger, Robert L.: *See—*
  - McKenna, Charles M.; Clark, William M., Jr.; and Seliger, Robert L., 4,556,798, Cl. 250-492.200.
- Seligman, Marvin: *See—*
  - Lowell, Ross; Seligman, Marvin; and Calamai, Edward, 4,544,120, Cl. 248-122.000.
- Seligman, Peter: *See—*
  - Patrick, James F.; Seligman, Peter; Tong, Yit C.; and Clark, Graeme M., 4,515,158, Cl. 128-419.00R.
- Seligman, Peter M.: *See—*
  - Crosby, Peter A.; Daly, Christopher N.; Money, David K.; Patrick, James F.; Seligman, Peter M.; and Kuzma, Janusz A., 4,532,930, Cl. 128-419.00R.
- Selin, Johan; Huttunen, Jouko; Turunen, Olli; Eklund, Vidar; and Ekman, Kurt, to Neste Oy. Cellulose carbamate solutions. 4,526,620, 7-2-85, Cl. 106-203.000.
- Selin, Johan-Fredrik; Huttunen, Jouko; Turunen, Olli; Fors, Jan; Eklund, Vidar; and Ekman, Kurt, to Neste Oy. Method of producing cellulose carbamate fibers or films. 4,530,999, 7-23-85, Cl. 536-30.000.
- Selke, William A.; and Cartwright, William F., to Kimberly-Clark Corporation. Dry-forming of reconstituted tobacco and resulting product. 4,542,755, 9-24-85, Cl. 131-370.000.
- Sell, Gunther: *See—*
  - Leistner, Gerhard; Muller, Gerhard; Sell, Gunther; and Bauer, Alexander, 4,517,093, Cl. 210-629.000.
- Sell, James. Sewer outlet connecting and capping arrangement. 4,554,949, 11-26-85, Cl. 137-899.000.
- Sell, Jeffrey A.; Capehart, Tenneille W.; and Richter, Roy, to General Motors Corporation. Method of self-pressurizing a damper. 4,560,042, 12-24-85, Cl. 188-322.210.
- Sell, Richard W.: *See—*
  - Groat, Dennis E.; Sell, Richard W.; Kalish, Richard J.; and Melton, Horace E., 4,533,544, Cl. 424-52.000.
- Sell, William J.; Peisach, Joel M.; and Riege, David H., to Mast Immunosystems, Ltd. Photo chamber for recording chemical reactivity. 4,510,393, 4-9-85, Cl. 250-475.200.
- Sella, Claude; Tran-Khanh, Vien; and Martin, Jean-Claude, to Centre National de la Recherche Scientifique. Devices for preparing substrates coated with a thin layer of platinum oxide and substrates so coated. 4,511,451, 4-16-85, Cl. 204-298.000.
- Sellars, Graham P., to Burroughs Corporation. Servo-track position detection systems. 4,519,007, 5-21-85, Cl. 360-77.000.
- Sellars, Graham P., to Burroughs Corporation. Differential signal decoders. 4,546,395, 10-8-85, Cl. 360-77.000.
- Sellars, Graham P., to Burroughs Corporation. Track following code and track following system. 4,554,600, 11-19-85, Cl. 360-77.000.
- Selleck, Franklin G.: *See—*
  - Drinkuth, William H.; Bires, Robert J.; Miller, Robert J.; and Selleck, Franklin G., 4,501,095, Cl. 51-165.720.
- Sellers, Elisabeth A.: *See—*
  - Sellers, Richard K.; and Sellers, Elisabeth A., 4,508,520, Cl. 446-485.000.
- Sellers, Gregory J.: *See—*
  - Kavesh, Sheldon; Sellers, Gregory J.; and Witte, Wayne H., 4,495,487, Cl. 340-572.000.
- Sellers, John R., to Samcoe Holding Corporation. Apparatus for pad batch dyeing of tubular knitted cotton fabrics. 4,532,782, 8-6-85, Cl. 68-13.00R.
- Sellers, Ralph F.: *See—*
  - King, John J.; Sellers, Ralph F.; and Castonguay, Richard N., 4,500,582, Cl. 428-116.000.
- Sellers, Richard K.; and Sellers, Elisabeth A. Heart-shaped light-emitting novelty. 4,508,520, 4-2-85, Cl. 446-485.000.
- Sellett, Andrew J.; and Langham, J. Michael. Apparatus for determining the true cross slope of a blade. 4,545,439, 10-8-85, Cl. 172-430.000.
- Sellier, Michel. Implantable reservoir for automatic watering of plants. 4,527,354, 7-9-85, Cl. 47-81.000.
- Sellmaier, Franz: *See—*
  - Bone, Rainer; Boning, Bernward; Nagel, Rudolf; and Sellmaier, Franz, 4,491,110, Cl. 123-425.000.
- Sells, Donald E.: *See—*
  - Swaney, Gary; and Sells, Donald E., 4,506,522, Cl. 62-243.000.
- Sells, Paul S. Golfing aid. 4,544,159, 10-1-85, Cl. 273-183.00A.
- Sells, Richard L.; and Taylor, Mark L. Measurement of surface area for electrodeposition plating processes. 4,548,285, 10-22-85, Cl. 177-1.000.
- Sellschopp, Michael, to Leybold-Heraeus GmbH. Equipment for producing coatings having a rotationally symmetric thickness profile by cathodic evaporation. 4,548,698, 10-22-85, Cl. 204-298.000.
- Sellstedt, John H.: *See—*
  - Klaubert, Dieter H.; and Sellstedt, John H., 4,526,978, Cl. 548-251.000.
- Sellstrom, Kathy B.; and Speranza, George P., to Texaco Inc. Modified amine curing agents and epoxy resins cured therewith. 4,514,530, 4-30-85, Cl. 523-456.000.
- Sellstrom, Kathy B.; and Waddill, Harold G., to Texaco Inc. Extended amine curing agents and epoxy resins cured therewith. 4,552,933, 11-12-85, Cl. 525-454.000.
- Sellstrom, Kathy B.: *See—*
  - McEntire, Edward E.; Sellstrom, Kathy B.; Nieh, Edward C. Y and Livingston, David R., 4,492,801, Cl. 564-135.000.
  - McEntire, Edward E.; Knifton, John F.; Nieh, Edward C. Y.; and Sellstrom, Kathy B., 4,549,017, Cl. 544-168.000.
- Selman, Charles M.: *See—*
  - Parlman, Robert M.; and Selman, Charles M., 4,530,982, Cl. 526-115.000.
- Selman, Gordon L.: *See—*
  - Collier, Owen N.; and Selman, Gordon L., 4,493,738, Cl. 148-24.000.
- Selsing, Jorgen, to G & W Electric Company. Resistor and capacitor graded termination. 4,497,975, 2-5-85, Cl. 174-19.000.
- Selsted, Michael E.: *See—*
  - Lehrer, Robert I.; and Selsted, Michael E., 4,543,252, Cl. 514-12.000.
- Selter, Gustav: *See—*
  - Kretzschmar, Gisela; and Selter, Jutta, 4,501,133, Cl. 66-117.000.
- Selter, Jutta: *See—*
  - Kretzschmar, Gisela; and Selter, Jutta, 4,501,133, Cl. 66-117.000.
- Seltveit, Arne, to Sintef. Diffusion barrier for aluminium electrolysis furnaces. 4,536,273, 8-20-85, Cl. 204-243.00R.
- Seltz, Charles L., to King-Seeley Thermos Co. Dispensing stopper. 4,519,529, 5-28-85, Cl. 222 484.000.
- Seltzer, Edward; and Hamilton, William A., to Rutgers Research & Educational Foundation. Process for producing quick-cooking products. 4,495,214, 1-22-85, Cl. 426-557.000.
- Seltzer, Errol N.: *See—*
  - Scott, Eddie W.; and Seltzer, Errol N., 4,523,426, Cl. 57-247.000.
- Seltzer, Leonard W. Watering device for animals. 4,509,460, 4-9-85, Cl. 119-74.000.
- Seltzer, Raymond: *See—*
  - Steinberg, David H.; Seltzer, Raymond; Luzzi, John J.; and Cortolano, Frank P., 4,534,874, Cl. 252-51.50A.
- Seluga, David M.: *See—*
  - McGuire, Michael L.; Seluga, David M.; and Blum, Michael R., 4,501,628, Cl. 156-62.800.
- Selvaer, Ole-Kristian: *See—*
  - Boe, Jan; Haugland, Tor-Arvid; Selvaer, Ole-Kristian; and Kleiven, Atle, 4,552,086, Cl. 114-242.000.
- Selvage, Craig C.; and Ventura, Frank D., to CPG Products Corp. Rotatable cam for use in a toy construction set. 4,551,110, 11-5-85, Cl. 446-118.000.
- Selvaggi, Victor E. Brassiere. 4,552,144, 11-12-85, Cl. 128-510.000.
- Selvarajan, Radhakrishnan: *See—*
  - Connelly, Lawrence J.; and Selvarajan, Radhakrishnan, 4,545,902, Cl. 210-734.000.
- Selvi, Fabio. Transfer machine for overturning a textile tubular element for the sewing of the edges thereof and for the subsequent re-overturning and discharging. 4,519,327, 5-28-85, Cl. 112-121.150.
- Selvidge, Leroy. Dental tool for cleaning teeth interproximally. 4,522,595, 6-11-85, Cl. 433-142.000.
- Selvin, Gerald J., to International Telephone and Telegraph Corporation. Electrical connector grounding ring. 4,531,790, 7-30-85, Cl. 339-14.00R.
- Selvin, Gerald J.: *See—*
  - Goodman, David S.; and Selvin, Gerald J., 4,529,257, Cl. 339-94.00M.
  - Goodman, David S.; Selvin, Gerald J.; Naus, Hubert W.; Rofer, David; and McNutt, Randy A., 4,544,224, Cl. 339-89.00M.
- Selwitz, Charles M.: *See—*
  - Onopchenko, Anatoli; Sabourin, Edward T.; and Selwitz, Charles M., 4,560,721, Cl. 524-378.000.
- Selz, Alois, to Surculus Aktiengesellschaft. Valve. 4,529,515, 7-16-85, Cl. 210-234.000.
- Sem-Sandberg, Sverre G., to Telefonaktiebolaget LM Ericsson. Connecting unit for a ring bus. 4,514,841, 4-30-85, Cl. 370-55.000.
- Semanchik, Stephen; and Mezei, George. Walking aid. 4,493,334, 1-15-85, Cl. 135-75.000.
- Semanko, Mark. Method and apparatus for tying balloons and the like. 4,510,653, 4-16-85, Cl. 24-131.00C.
- Semar, Jim. Downhole well tool. 4,542,788, 9-24-85, Cl. 166-217.000.
- Semba, Hideo; Hori, Toshio; Sagawa, Noboru; and Nagano, Ryota, to Iseki & Co., Ltd. Transmission case for tractors. 4,528,867, 7-16-85, Cl. 74-606.00R.
- Semba, Katsumi: *See—*
  - Katano, Hiroki; Nishida, Hisato; Semba, Katsumi; Enomoto, Kouji; and Uchida, Kazu, 4,560,198, Cl. 296-185.000.
- Sembrowich, Walter L.: *See—*
  - Knudson, Mark B.; Sembrowich, Walter L.; and Guruswamy, Vinodhini, 4,549,951, Cl. 204-416.000.
- Semco Instruments, Inc.: *See—*
  - Moore, M. Samuel, 4,502,043, Cl. 340-588.000.
- Semedo, Anthony B.: *See—*
  - Hemmerich, Karl J.; Millerd, Donald L.; and Semedo, Anthony B., 4,515,591, Cl. 604-152.000.
- Semen, John: *See—*
  - Borman, Willem F. H.; and Semen, John, 4,530,878, Cl. 428-334.000.
- Semenets, Valery I.: *See—*
  - Baldenko, Dmitry F.; Gusman, Moisei T.; and Semenets, Valery I., 4,518,049, Cl. 175-107.000.
  - Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., 4,556,398, Cl. 464-16.000.
- Semenov, Alexandr V.: *See—*
  - Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.
- Semeny, Valery Y.: *See—*
  - Golik, Georgy A.; Demchenko, Yaroslav P.; Lozinsky, Miron O.; Malovik, Vladlen V.; and Semeny, Valery Y., 4,557,754, Cl. 71-98.000.

Semi-Bulk Systems, Inc.: *See—*
  Handleman, Avrom R., 4,521,165, Cl. 417-393.000.
Semiatin, Sheldon L.: *See—*
  Hoffmanner, Albert L.; Semiatin, Sheldon L.; and Podiak, Richard S., 4,526,551, Cl. 445-7.000.
Semiconductor Energy Laboratory Co., Ltd.: *See—*
  Yamazaki, Shunpei, 4,498,092, Cl. 357-2.000.
  Yamazaki, Shunpei, 4,518,815, Cl. 136-244.000.
  Yamazaki, Shunpei, 4,525,435, Cl. 429-111.000.
  Yamazaki, Shunpei, 4,525,436, Cl. 429-111.000.
  Yamazaki, Shunpei, 4,525,437, Cl. 429-111.000.
  Yamazaki, Shunpei, 4,527,006, Cl. 136-244.000.
  Yamazaki, Shunpei, 4,527,179, Cl. 357-17.000.
  Yamazaki, Shunpei, 4,528,065, Cl. 156-643.000.
  Yamazaki, Shunpei, 4,528,252, Cl. 429-111.000.
  Yamazaki, Shunpei, 4,529,829, Cl. 136-246.000.
  Yamazaki, Shunpei, 4,541,166, Cl. 29-571.000.
  Yamazaki, Shunpei, 4,549,889, Cl. 62-11.000.
  Yamazaki, Shunpei, 4,559,552, Cl. 357-58.000.
Semiconductor Research Foundation: *See—*
  Nishizawa, Jun-ichi; Ohmi, Tadahiro; Murakoshi, Makoto; and Shimanuki, Koji, 4,504,865, Cl. 358-213.000.
  Nishizawa, Jun-ichi; and Ohmi, Tadahiro, 4,506,281, Cl. 357-43.000.
  Nishizawa, Jun-ichi, 4,540,466, Cl. 156-643.000.
SEMIKRON Gesellschaft fur Gleichrichterbau und Elektronik mbH: *See—*
  Schafer, Horst, 4,525,924, Cl. 29-580.000.
  Schierz, Winfried; and Creutz, Helmut, 4,499,485, Cl. 357-74.000.
Seminski, Robert B.: *See—*
  Feitzinger, Eduard; and Seminski, Robert B., 4,512,654, Cl. 355-27.000.
Seminsky, George M.: *See—*
  Webster, Marvin K.; Flynn, Richard T.; Porter, Marion G.; and Seminsky, George M., 4,525,777, Cl. 364-200.000.
Semitros, Nicholas: *See—*
  Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.
Semmelrodt, Rolf: *See—*
  Hausner, Gerd; and Semmelrodt, Rolf, 4,519,202, Cl. 57-264.000.
Semon, Joseph R., to Casket Shells, Inc. Casket sealing gasket. 4,555,119, 11-26-85, Cl. 277-207.00R.
Semon, William J., to Casket Shells, Inc. Stamped casket. 4,523,358, 6-18-85, Cl. 27-6.000.
Semones, Burley C.; and Reiss, Leon G., to Kollmorgen Technologies Corporation. Rotor reluctance notch for cogging control. 4,504,755, 3-12-85, Cl. 310-156.000.
Semouha, Hertzl. Fastening mechanism. 4,507,878, 4-2-85, Cl. 36-50.000.
Semp, Bernard A.: *See—*
  Banyasz, Joseph L.; Owens, Cassandra D.; Mooz, Elizabeth D.; Lilly, A. Clifton, Jr.; Martin, Peter; Merritt, Henry B.; and Semp, Bernard A., 4,497,330, Cl. 131-291.000.
Semperit Aktiengesellschaft: *See—*
  Waniek, Kurt; and Tichy, Heinz, 4,513,046, Cl. 428-156.000.
Semperlux GmbH: *See—*
  Bansbach, Armin; and Senkel, Helmut, 4,554,619, Cl. 362-222.000.
Semple, Carol M.: *See—*
  Semple, Harry F., 4,530,318, Cl. 123-90.170.
Semple, Harry F., to Semple, Carol M. Intake and exhaust valve system for internal combustion engine. 4,530,318, 7-23-85, Cl. 123-90.170.
Semple, J. Edward: *See—*
  Gardner, Gary M.; and Semple, J. Edward, 4,534,787, Cl. 71-88.000.
Sempuku, Kenji; Shibata, Yoshihisa; and Ohgi, Tadaaki, to Nippon Shinyaku Co., Ltd. Triazine derivatives. 4,554,275, 11-19-85, Cl. 514-245.000.
Semrow, Carolyn M.; Kolstedt, Mark W.; and Dunn, William J., to Kendall Company, The. Temperature, pulse and respiration mouthpiece probe. 4,510,941, 4-16-85, Cl. 128-671.000.
Semrow, Carolyn M., to Kendall Company, The. Ultrasound acoustical coupling pad. 4,556,066, 12-3-85, Cl. 128-660.000.
Semsarzadeh, Mohammad A.: *See—*
  Hudgin, Donald E.; and Semsarzadeh, Mohammad A., 4,533,685, Cl. 523-457.000.
Sen Gupta, Achintya K., to Lever Brothers Company. Refining. 4,533,501, 8-6-85, Cl. 260-428.000.
Sen, Rajat K.: *See—*
  Hardee, Kenneth L.; Gordon, Arnold Z.; Pyle, Charles B.; and Sen, Rajat K., 4,501,824, Cl. 502-339.000.
Sena, Ted: *See—*
  Carter, James H.; Ledis, Stephen L.; Crews, Harold R.; Sena, Ted; and Larsen, Fred L., 4,528,274, Cl. 436-10.000.
Senak, Peter, Jr.: *See—*
  Borowy, Dennis M.; Crotty, Charles A.; Perrins, Allen R.; and Senak, Peter, Jr., 4,558,275, Cl. 324-103.00P.
Senapati, Nagabhusan; and Mangaraj, Duryodhan, to Battelle Memorial Institute. Ultrasonic vulcanization. 4,548,771, 10-22-85, Cl. 264-23.000.
Senapati, Nagabhusan: *See—*
  Muralidhara, Harapanahalli; Parekh, Bhupendra; and Senapati, Nagabhusan, 4,561,953, Cl. 204-182.300.
Senaratne, Gane W., to Airtec Industries. Vacuum device for lifting an article loosely wrapped in flexible film. 4,505,505, 3-19-85, Cl. 294-64.100.
Senatore, Guy: *See—*
  Sherk, Fred T.; Nesheiwat, Afif M.; and Senatore, Guy, 4,524,200, Cl. 528-388.000.
Senba, Katsuaki; and Warabi, Junichi, to Kabushiki Kaisha Meidensha. Vacuum interrupter. 4,528,432, 7-9-85, Cl. 200-144.00B.
Senco Products, Inc.: *See—*
  Becht, Carl T., 4,493,322, Cl. 128-334.00R.
  Morrell, Robert F., Jr., 4,524,896, Cl. 227-126.000.
  Vornberger, George F., 4,530,455, Cl. 227-130.000.
Sencore, Inc.: *See—*
  Graham, Timothy J., 4,562,469, Cl. 358-139.000.
Sencorp: *See—*
  Crutcher, John P., 4,519,535, Cl. 227-131.000.
  Warman, Thomas E.; Baker, Gordon P.; and Smith, James E., 4,544,090, Cl. 227-131.000.
Senda, Atsuo; Kasanami, Tohru; and Nakagawa, Takuji, to Murata Manufacturing Co., Ltd. Method for inhibiting oxidation of a copper film on ceramic body. 4,508,756, 4-2-85, Cl. 427-81.000.
Senda, Atsuo: *See—*
  Kanoh, Osamu; and Senda, Atsuo, 4,554,209, Cl. 428-334.000.
Senda, Kenichi; Ando, Masao; Nakamura, Kyoichi; and Nishida, Tatehiko, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Pre-expanded particle of polyolefine and process for preparing the same. 4,540,718, 9-10-85, Cl. 521-58.000.
Sendelbach, Lee A.: *See—*
  Dahl, Richard E.; Faflak, Daniel P.; and Sendelbach, Lee A., 4,555,701, Cl. 340-736.000.
Sendelweck, Gene K., to RCA Corporation. Automatic contrast reduction circuit for a teletext or monitor operation. 4,549,217, 10-22-85, Cl. 358-243.000.
Sendelweck, Gene K.: *See—*
  Norley, Ronald R.; Sendelweck, Gene K.; and Chen, Keming J., 4,549,218, Cl. 358-243.000.
Senders, John W.: *See—*
  Ginpil, Frederick D.; Milner, Morris; and Senders, John W., 4,547,918, Cl. 5-446.000.
Sendo, Takashi: *See—*
  Asaoka, Sachio; and Sendo, Takashi, 4,555,394, Cl. 423-626.000.
  Asaoka, Sachio; Sendo, Takashi; and Nakamura, Munekazu, 4,562,059, Cl. 423-626.000.
Sendzimir Engineering Corporation: *See—*
  Sendzimir, Tadeusz; and Gajda, Jacek Z., 4,505,438, Cl. 242-55.000.
Sendzimir, Michael G.: *See—*
  Turley, John W.; and Sendzimir, Michael G., 4,531,394, Cl. 72-238.000.
  Turley, John W.; and Sendzimir, Michael G., 4,551,878, Cl. 15-102.000.
Sendzimir, Tadeusz. Twin coil strip accumulator. 4,497,452, 2-5-85, Cl. 242-55.000.
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  Burgard, Michel; Piteau, Marc D.; Rollat, Alain J.; and Senet, Jean-Pierre G., 4,499,057, Cl. 423-8.000.
Senften, David A., to Architectural Control Systems Incorporated. Electrical operating means for door lock mechanisms. 4,529,234, 7-16-85, Cl. 292-169.150.
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Senga, Akihisa; Hidaka, Yoshiaki; and Tsuchiyama, Tadashi, to Honda Giken Kogyo Kabushiki Kaisha. Intake manifold structure for internal combustion engines. 4,513,698, 4-30-85, Cl. 123-52.0MV.
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SenGupta, Achintya K., to Lever Brothers Company. Separation process and products obtained thereby. 4,496,489, 1-29-85, Cl. 260-428.500.
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Oka, Yoshikazu, 4,559,361, Cl. 514-620.000.
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Bansbach, Armin; and Senkel, Helmut, 4,554,619, Cl. 362-222.000.
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Schmidt, Herbert; and Steinort, Hans, 4,494,265, Cl. 8-159.000.
Senko Medical Instrument Mfg. Co., Ltd.: *See—*
Nakanishi, Hikaru, 4,501,785, Cl. 428-195.000.
Phuc, Tran N., 4,537,188, Cl. 128-200.210.
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Senmed, Inc.: *See—*
Chow, Hector; and Melling, Hugh, 4,527,724, Cl. 227-8.000.
Favaron, James A., 4,549,544, Cl. 128-335.000.
Rothfuss, Robert G.; Kuhl, David K.; Bilotti, Federico; Melling, Hugh; and Mills, Earl J., 4,534,351, Cl. 128-334.00R.
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Senn, Urs; and Segesser, Bernhard, 4,492,227, Cl. 128-165.000.
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Sennett, Thomas; and Guetschow, Jimmy L., to Beloit Corporation. Positive lock foil blades. 4,559,105, 12-17-85, Cl. 162-352.000.
Sennewald, Jurgen: *See—*
Borner, Roland; Holstein, Herbert; and Sennewald, Jurgen, 4,495,733, Cl. 51-165.00R.
Senniger Irrigation, Inc.: *See—*
Healy, Mark; and Gerdes, Jerry D., 4,543,985, Cl. 137-505.250.
Seno, Eugene T.: *See—*
Baltz, Richard H.; Wild, Gene M.; and Seno, Eugene T., 4,537,957, Cl. 336-7.100.
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Misawa, Yoshihiko; Seno, Makito; and Fujiwara, Koji, 4,524,860, Cl. 198-740.000.
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Senoh, Yasutaka. Simplified electric switch construction. 4,525,607, 6-25-85, Cl. 200-16.00R.
Senoh, Yasutaka, to New Ohto Co., Ltd. Simplified electric switch construction. 4,539,444, 9-3-85, Cl. 200-5.00R.
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Nishi, Kazuro; Kurahashi, Koichiro; Hashimoto, Tsutomu; Senoo, Toshihiko; and Yamato, Shinji, 4,540,247, Cl. 350-3.710.
Senor, Ronald E., to Texas Instruments Incorporated. Integrated circuit mounting socket. 4,556,267, 12-3-85, Cl. 339-59.00M.
Sensabaugh, Andrew J., Jr.; Parks, Ronald L.; and Marsh, Arvol C., Jr., to R. J. Reynolds Tobacco Company. Process for producing moist snuff. 4,528,993, 7-16-85, Cl. 131-290.000.
Sensabaugh, Andrew J., Jr.; Crepps, Dewitt C.; Rice, William Y., Jr.; and Fearrington, George W., Jr., to R. J. Reynolds Tobacco Company. Tobacco product. 4,545,392, 10-8-85, Cl. 131-352.000.
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Mochizuki, Taketoshi; Kudo, Mituo; Senshu, Takao; and Kimura, Hideyuki, 4,528,823, Cl. 62-324.600.
Senso, Hitoshi: *See—*
Banno, Tsutomu; Hayashi, Michiaki; and Senso, Hitoshi, 4,549,120, Cl. 318-254.000.
Sensor Systems, Inc.: *See—*
Robin, Seymour; and Klein, Yosef, 4,509,053, Cl. 343-708.000.
Sensormatic Electronics Corporation: *See—*
Barrett, Raymond L., Jr.; and Gross, Thomas A. O., 4,519,066, Cl. 370-24.000.
Gillette, Dennis; and Gentzler, David, 4,519,507, Cl. 209-682.000.
Gross, Thomas A. O.; Barrett, Raymond L., Jr.; and Pfister, Henry F., 4,549,186, Cl. 343-748.000.
Sensormedics Corporation: *See—*
Luper, Charles R., 4,509,551, Cl. 137-554.000.
Luper, Charles R., 4,537,058, Cl. 73-1.00G.
Stupecky, Josef J., 4,546,793, Cl. 137-554.000.
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Harman, R. Keith; and Younge, Dale R., 4,562,428, Cl. 340-552.000.
Senta, Therese A.: *See—*
Rice, Thomas K.; and Senta, Therese A., 4,544,629, Cl. 435-7.000.
Sente, Hirohisa: *See—*
Kunii, Hiroyuki; Sente, Hirohisa; and Hironaka, Kouji, 4,553,016, Cl. 219-121.0LG.
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Knudson, Mark B.; Sembrowich, Walter L.; and Guruswamy, Vinodhini, 4,549,951, Cl. 204-416.000.
Sentementes, Thomas: *See—*
Bouchard, Andre C.; Maya, Jakob; and Sentementes, Thomas, 4,536,678, Cl. 313-493.000.
Sentementes, Thomas J.: *See—*
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Senter, Peter D.: *See—*
Blattler, Walter A.; Lambert, John M.; and Senter, Peter D., 4,542,225, Cl. 548-473.000.
Sentinger, Egon: *See—*
Molders, Werner; Langanke, Rolf; Sentinger, Egon; and Reuschenbach, Hermann, 4,513,953, Cl. 267-121.000.
Reuschenbach, Hermann; and Sentinger, Egon, 4,526,088, Cl. 92-12.000.
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Curatolo, Benedict S.; Sentman, Robert C.; and Coffey, Gerald P., 4,542,205, Cl. 528-336.000.
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McDougall, Gloria, 4,528,166, Cl. 423-23.000.
Sentrol, Inc.: *See—*
Abel, William E., 4,513,354, Cl. 361-399.000.
Abel, William E., 4,523,184, Cl. 340-539.000.
Holce, Thomas J.; and Huckins, Charles M., 4,525,018, Cl. 339-91.00R.
Holce, Thomas J.; and Huckins, Charles M., 4,536,754, Cl. 340-568.000.
Holce, Thomas J.; and Huckins, Charles M., 4,543,458, Cl. 200-61.700.
Sentronic of California Incorporated: *See—*
Gilman, Robert F.; and Schwarz, Claude R., 4,527,123, Cl. 324-254.000.
Sentry Technologies, Inc.: *See—*
Kallestad, Daniel R.; Kress, Bruce A.; and Satre, Kenneth L., 4,522,335, Cl. 236-44.00C.
Senuma, Akitaka; and Aizawa, Takao, to Union Carbide Corporation. Process and composition for producing open-cell cross linked polyolefin foam. 4,499,210, 2-12-85, Cl. 521-91.000.
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Senyek, Michael L.; and Kolaczewski, Mitchell S., to Goodyear Tire & Rubber Company, The. Continuous emulsion polymerization process for preparation of flame-retardant latex. 4,559,374, 12-17-85, Cl. 523-348.000.
Senyek, Michael L.: *See—*
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Seo, Yasutsugu, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic diagnostic equipment. 4,509,525, 4-9-85, Cl. 128-663.000.
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Kanner, Bernard; Hopper, Steven P.; and Sepelak, Dennis J., 4,496,754, Cl. 556-420.000.
Sepheriades, Jean; and Lecharpy, Joel. Non-skid device for motor-vehicle tires. 4,508,151, 4-2-85, Cl. 152-213.00A.
Sephton, Hugo H. Feed distribution method for vertical tube evaporation. 4,511,432, 4-16-85, Cl. 159-47.100.

- Sepp, Walter E., to RCA Corporation. Progressive scan speed-up processor. 4,550,336, 10-29-85, Cl. 358-11.000.
- Sepp, Walter E., to RCA Corporation. Circuit for coupling a three terminal filter to a signal path using one interface connection. 4,562,458, 12-31-85, Cl. 358-21.00R.
- Sepp, Walter E.: *See—*
  - Pritchard, Dalton H.; and Sepp, Walter E., 4,558,347, Cl. 358-11.000.
- Seppamaki, John W. Flue control device. 4,499,891, 2-19-85, Cl. 126-292.000.
- Seppanen, Olli; Punttila, Antero; and Sulku, Jukka, to Ekono, Inc. Heat regulation system and method for building structure. 4,505,259, 3-19-85, Cl. 126-429.000.
- Seppelt, Wolfgang: *See—*
  - Seufert, Walter; Varwig, Juergen; Husslein, Gerd; Seppelt, Wolfgang; and Adolphi, Heinrich, 4,512,984, Cl. 514-147.000.
  - Seufert, Walter; Varwig, Juergen; Seppelt, Wolfgang; and Adolphi, Heinrich, 4,537,884, Cl. 514-127.000.
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  - Brancq, Bernard; and Malandain, Michel, 4,513,019, Cl. 427-3.000.
- Sepponen, Raimo, to Instrumentarium Oy. Diagnosis apparatus and the determination of tissue structure and quality. 4,543,959, 10-1-85, Cl. 128-653.000.
- Seprodi, Janos: *See—*
  - Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.
- Sepso, Roger P., to Robertshaw Controls Company. Refrigeration system, control device therefor and methods of making the same. 4,530,216, 7-23-85, Cl. 62-89.000.
- Sepulveda, Domingo; and Striebel, Edmund E., to United Technologies Corporation. Method of distributing fuel flow to an annular burner for starting of a gas turbine engine. 4,548,032, 10-22-85, Cl. 60-39.060.
- Sepulveda, Domingo: *See—*
  - Striebel, Edmund E.; Matthews, John A.; Sepulveda, Domingo; and Pane, Francis C., Jr., 4,512,158, Cl. 60-740.000.
- Sepulveda, Frank J.; and Silva, Robert R., to Reid, Robert E., a part interest. Louvering overhead sectional door. 4,537,237, 8-27-85, Cl. 160-201.000.
- Sepulveda, Luis F., to Challenger Caribbean Corporation; Challenger Zinsco, Inc.; and Commander Electrical Equipment, Inc. Circuit breaker having an integrated power trap arm. 4,500,863, 2-19-85, Cl. 337-70.000.
- Sequeira, Hermann B.; and Taylor, Jay E., to University of Delaware. Direct modulation of injection lasers. 4,538,276, 8-27-85, Cl. 372-26.000.
- Sequeira, Joel A.; and Zupon, Michael A., to Schering Corporation. Stable pleasant-tasting albuterol sulfate pharmaceutical formulations. 4,499,108, 2-12-85, Cl. 514-653.000.
- Sequeira, Luis: *See—*
  - Paau, Alan; Platt, Steven G.; and Sequeira, Luis, 4,556,643, Cl. 436-501.000.
- Sequoia Systems, Inc.: *See—*
  - Stiffler, Jack J.; Budwey, Michael J.; and Nolan, James M., Jr., 4,541,094, Cl. 371-68.000.
- Ser, Jean-Claude: *See—*
  - Millet, Catherine; Ser, Jean-Claude; and N'Guyen, Quang L., 4,537,782, Cl. 514-774.000.
- Sera, Katsumi: *See—*
  - Nishijima, Hideo; Sera, Katsumi; Fukushima, Isao; and Kobori, Yasunori, 4,494,056, Cl. 318-269.000.
- Sera, Kiyoshi: *See—*
  - Couper, Robert A.; Lillie, Terrance L.; and Sera, Kiyoshi, 4,504,828, Cl. 340-735.000.
- Sera, Michitoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for encapsulating semiconductor devices. 4,554,126, 11-19-85, Cl. 264-272.170.
- Sera Solar Corporation: *See—*
  - Moddel, Garret R.; and Gibbons, James F., 4,539,431, Cl. 136-258.000.
- Serafin, Orest M.: *See—*
  - Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.
  - Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.
- Serafini, Giovanni. Sunshade fitting convertible into veranda curtain fitting. 4,509,576, 4-9-85, Cl. 160-66.000.
- Seragan Diagnostics Inc.: *See—*
  - Sokoloff, Roger L.; and Reno, John M., 4,536,478, Cl. 436-533.000.
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  - Marshall, David L., 4,530,900, Cl. 435-7.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Cigarette manufacturing machine. 4,499,909, 2-19-85, Cl. 131-84.00R.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Device for transferring bar shaped articles. 4,506,779, 3-26-85, Cl. 198-461.000.
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- Seragnoli, Enzo, to G.D. Societa per Azioni. Device for transferring and verifying batches of cigarettes. 4,511,045, 4-16-85, Cl. 209-535.000.
- Seragnoli, Enzo; and Mattei, Riccardo, to G.D. Societa per Azioni. Cutting device for continuous rods of cigarette. 4,517,871, 5-21-85, Cl. 83-677.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Spacer device for filter fitting machine. 4,519,405, 5-28-85, Cl. 131-94.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Device for dividing a stream of loose material. 4,522,295, 6-11-85, Cl. 198-493.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Cigarette-making machine with an auxiliary tobacco supply unit. 4,524,781, 6-25-85, Cl. 131-108.000.
- Seragnoli, Enzo; and Neri, Armando, to G.D. Societa per Azioni. Device for forming perforations in bar-shape articles. 4,524,784, 6-25-85, Cl. 131-281.000.
- Seragnoli, Enzo; and Neri, Armando, to G.D. Societa per Azioni. Method and apparatus for forming perforations in bar-like articles. 4,524,785, 6-25-85, Cl. 131-281.000.
- Seragnoli, Enzo; and Dall'Osso, Gastone, to G.D. Societa per Azioni. Device for forming groups of cigarettes in a cigarette packaging machine. 4,528,801, 7-16-85, Cl. 53-494.000.
- Seragnoli, Enzo; Mattei, Riccardo; and Dall'Osso, Gastone, to G.D. Societa per Azioni. Axial translation device for partly finished cigarettes. 4,531,629, 7-30-85, Cl. 198-458.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Feeding and cutting device for a continuous web. 4,534,253, 8-13-85, Cl. 83-336.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Method of automatically changing reels of strip material in packaging machines. 4,541,221, 9-17-85, Cl. 53-396.000.
- Seragnoli, Enzo; and Gamberini, Antonio, to G.D. Societa per Azioni. Device monitoring the quality of cigarettes in a packaging machine. 4,545,488, 10-8-85, Cl. 209-535.000.
- Seragnoli, Enzo, to G.D. Societa per Azioni. Machine for manufacturing continuous cigarette rods simultaneously. 4,557,277, 12-10-85, Cl. 131-84.300.
- Seraphim, Donald P.: *See—*
  - Canestaro, Michael J.; Kaschak, Ronald A.; McBride, Donald G.; and Seraphim, Donald P., 4,554,184, Cl. 427-345.000.
- Serban, Alexander; Watson, Keith G.; Bird, Graham J.; and Farquharson, Graeme J., to ICI Australia Limited. Cyclohexane-1,3-dione derivatives and their herbicidal compositions and methods. 4,511,391, 4-16-85, Cl. 71-88.000.
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- Serbent, Harry: *See—*
  - Formanek, Lothar; Hirsch, Martin; Serbent, Harry; Schnabel, Wolfram; Fritzsche, Klaus-Dietrich; Koenig, Heribert; and Rath, Gero, 4,551,172, Cl. 75-11.000.
  - Hirsch, Martin; Fischer, Peter; and Serbent, Harry, 4,540,432, Cl. 75-43.000.
- Serber, Hector. Mechanic's rest. 4,493,393, 1-15-85, Cl. 182-129.000.
- Serbin, David J.: *See—*
  - Gutierrez, Richard; Kay, Edward L.; and Serbin, David J., 4,530,995, Cl. 528-930.000.
- Serdjukov, Vilen I.: *See—*
  - Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.
- Sereda, Viktor G.: *See—*
  - Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.
- Sereg, S.A.: *See—*
  - Bertrand, Pierre C.; and De Paepe, Thijlbert C., 4,532,510, Cl. 340-870.390.
- Seregi, Andras: *See—*
  - Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
- Seremet, Louis J. Padlock shield. 4,535,612, 8-20-85, Cl. 70-56.000.
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- Serex, Vern L. Portable ski rest. 4,556,252, 12-3-85, Cl. 297-438.000.
- Sergeev, Jury N.: *See—*
  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
- Sergenian, Haig H.: *See—*
  - Rispoli, Joseph M.; Rogers, Morris A.; Sergenian, Haig H.; Swartley, John S.; and Topalian, Harry, 4,496,601, Cl. 426-554.000.

- Sergi, Joseph B., Jr.: *See—*
  - Siegel, Stefan A.; Patterson, David R.; Channin, Donald J.; Sergi, Joseph B., Jr.; and Viola, Jeffrey P., 4,558,465, Cl. 455-609.000.
- Sergienko, July M.: *See—*
  - Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny I.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., 4,491,314, Cl. 272-63.000.
- Sergio, Sala, to Telmec S.p.A. Machine for the continuous gold-plating of contact tabs. 4,554,062, 11-19-85, Cl. 204-206.000.
- Sergovic, John A.; and McClinton, John L., to Burns & Russell Company, The. Method and apparatus for in mold coating. 4,555,375, 11-26-85, Cl. 264-259.000.
- Serhan, Charles: *See—*
  - Samuelsson, Bengt; Serhan, Charles; and Hamberg, Mats, 4,560,514, Cl. 260-410.000.
- Sericol Group Limited: *See—*
  - Curtis, John R.; and Renwick, John D., 4,499,175, Cl. 430-253.000.
  - Curtis, John R.; and Renwick, John D., 4,499,176, Cl. 430-253.000.
  - Dickinson, Peter; and Ellwood, Michael, 4,548,890, Cl. 430-280.000.
- Serini, Volker; Schulte, Bernhard; Block, Hans-Dieter; and Freitag, Dieter, to Bayer Aktiengesellschaft. Polyphosphates and process of preparation. 4,491,656, 1-1-85, Cl. 528-167.000.
- Serini, Volker: *See—*
  - Nouvertne, Werner; Serini, Volker; Neuray, Dieter; Binsack, Rudolf; Gehrke, Hans-Georg; Rempel, Dieter; and Krishnan, Sivaram, 4,515,918, Cl. 524-504.000.
- Serinken, Nur M.; Calder, Iain D.; Gale, James; and Fletcher, Norman C., to Northern Telecom Limited. Interactive viewgraph system. 4,503,468, 3-5-85, Cl. 358-256.000.
- Serizawa, Hajime: *See—*
  - Harada, Susumu; Shimizu, Kiyoshi; and Serizawa, Hajime, 4,540,760, Cl. 526-211.000.
- Serizawa, Hiroyuki: *See—*
  - Tanaka, Tsutomu; Tsujimoto, Yoshinobu; Serizawa, Hiroyuki; and Hattori, Katsuji, 4,498,730, Cl. 350-96.160.
- Serizawa, Moriyoshi; and Hakamada, Haruo, to Konishiroku Photo Industry Co., Ltd. Photographic paper rolling apparatus. 4,504,026, 3-12-85, Cl. 242-71.100.
- Serizawa, Moriyoshi; and Hakamada, Haruo, to Konishiroku Photo Industry Co., Ltd. Photographic printing apparatus. 4,557,591, 12-10-85, Cl. 355-40.000.
- Sermatech International, Inc.: *See—*
  - Mosser, Mark F.; and Fabiny, William J., 4,532,289, Cl. 524-406.000.
  - Mosser, Mark F., 4,537,632, Cl. 106-14.120.
  - Mosser, Mark F.; and Eddinger, Kevin, 4,544,408, Cl. 106-14.120.
  - Mosser, Mark F.; and Fabiny, William J., 4,548,646, Cl. 106-14.120.
- Sermersheim, DeWayne T.; and Baxter, Jack L., to Cummins Engine Company, Inc. Idler mechanism. 4,500,303, 2-19-85, Cl. 474-112.000.
- Sernagiotto, Emilio: *See—*
  - Visconti, Alfonso; Sernagiotto, Emilio; and Sernagiotto, Raffaello M., 4,545,903, Cl. 210-96.100.
- Sernagiotto, Raffaello M.: *See—*
  - Visconti, Alfonso; Sernagiotto, Emilio; and Sernagiotto, Raffaello M., 4,545,903, Cl. 210-96.100.
- Seroka, Helmut: *See—*
  - Hein, Karl; Hubig, Markus; and Seroka, Helmut, 4,552,342, Cl. 266-175.000.
- Seroka, Karl-Heinz: *See—*
  - Rittmeister, Hubert; and Seroka, Karl-Heinz, 4,557,072, Cl. 49-27.000.
- Serono Pharmaceutical Partners: *See—*
  - Pelham, Russell W.; Redden, Charlotte S.; Eshkol, Aliza; and Stiles, Gerald E., 4,521,407, Cl. 424-95.000.
  - Wood, Grace; Duce, Benjamin R.; Pelham, Russell W.; and Woiszwillo, James, 4,540,410, Cl. 604-56.000.
- Serov, Petr G.: *See—*
  - Makarov, Viktor M.; Paton, Boris E.; Globin, Nikolai K.; Usenko, Viktor G.; Khismatulin, Enver R.; Ziselman, Boris G.; Serov, Petr G.; Shel, Marat M.; and Rozenberg, Ovshiya O., 4,505,417, Cl. 228-17.700.
- Serpa, Richard E., to Smith International, Inc. Prevention of cone seal failures in rock bits. 4,496,013, 1-29-85, Cl. 175-374.000.
- Serracant, Jose-Maria C.; and Serracant, Juan C. Machine for liquid treatment of fabrics. 4,558,575, 12-17-85, Cl. 68-181.00R.
- Serracant, Juan C.: *See—*
  - Serracant, Jose-Maria C.; and Serracant, Juan C., 4,558,575, Cl. 68-181.00R.
- Serrano, Arthur L., to Novation, Inc. Telephone line interface. 4,536,618, 8-20-85, Cl. 179-84.00R.
- Serrano, Francisco de Asis M.: *See—*
  - Lamy, Jacques E.; and Serrano, Francisco de Asis M., 4,556,004, Cl. 114-61.000.
- Serrano, Pedro, to AMP Incorporated. Insulating sleeve applying apparatus. 4,557,045, 12-10-85, Cl. 29-747.000.
- Serrao, Charles A., to Argentino, Giovanni. Restraint garment. 4,524,768, 6-25-85, Cl. 128-134.000.
- Serres, Bernard: *See—*
  - Cosse, Guy; and Serres, Bernard, 4,507,655, Cl. 340-641.000.
- Serres, Bernard M.; and Doucet, Joel R. System for managing a panel of objects such as keys. 4,549,170, 10-22-85, Cl. 340-568.000.
- Serrie, Gerard J. J.; and Huvet, Jean-Marie, to Claude, S.A. Domestic power line breaker. 4,544,980, 10-1-85, Cl. 361-45.000.
- Serrone, Michael J.: *See—*
  - Wagner, Gary L.; and Serrone, Michael J., 4,525,689, Cl. 333-104.000.
- Sers, Gilbert L. Fault detector test instrument. 4,544,807, 10-1-85, Cl. 179-175.110.
- Serta-Societe d'Etudes et de Realisations des Techniques d'Automatisme: *See—*
  - Bourgeois, Jacques, 4,549,863, Cl. 425-126.00R.
- Servadio, Robert. Punching bag rebound adjuster. 4,512,568, 4-23-85, Cl. 272-78.000.
- Servaes, Donald A.; and Reynolds, George O., to Honeywell Inc. Fiber optic condenser for an optical imaging system. 4,560,235, 12-24-85, Cl. 350-96.240.
- Servas, Francis M.: *See—*
  - Diettrich, Lambert J., Jr.; and Servas, Francis M., 4,556,489, Cl. 210-321.300.
- Servas, Frank; Lewin, John E.; Pavlov, Tudor; and Diettrich, Lambert J., Jr., to Shiley Incorporated. Heat exchanger for extracorporeal circuit. 4,559,999, 12-24-85, Cl. 165-156.000.
- Servas, Vladimiros; and Voors, Wilhelm P. H., to South African Inventions Development Corporation. Asphalt recycling. 4,540,287, 9-10-85, Cl. 366-7.000.
- SerVend International, Inc.: *See—*
  - Landers, Jerry L., 4,512,502, Cl. 222-413.000.
- Service Ideas, Inc.: *See—*
  - Collins, Harry F., 4,546,237, Cl. 219-331.000.
- Service National Electricite de France: *See—*
  - Bordet, Rene; Grovalet, Yves; Caudron, Lionel; and Diver, Marius, 4,555,881, Cl. 52-167.000.
  - Chabat-Courrede, Jean, 4,527,415, Cl. 73-4.00R.
  - Cormary, Yves; and Nicolas, Christian, 4,546,917, Cl. 236-44.00C.
  - Hamelin, Jean-Francois; and Combe, Michel, 4,547,879, Cl. 370-86.000.
- Servitova, Linda: *See—*
  - Simek, Petr; Barth, Tomislav; Brtnik, Frantisek; Jost, Karel; Machova, Alena; Servitova, Linda; and Slantinova, Jirina, 4,508,645, Cl. 260-112.50R.
- Servo Technology Corp.: *See—*
  - Sasso, Bill J., 4,510,420, Cl. 318-37.000.
- Servo-Tek Products Company: *See—*
  - Leach, Robert L.; and Wickens, Richard L., 4,550,283, Cl. 322-48.000.
- Servocavi S.p.A.: *See—*
  - Margaroli, Giovanni; and Gandini, Mario, 4,560,225, Cl. 339-97.00C.
- Servsteel, Inc.: *See—*
  - McQuillen, Albert L., Jr., 4,541,553, Cl. 222-591.000.
- Seshadri, Jayaram; and Neimy, Daniel T., to Thermo King Corporation. Truck transport refrigeration unit. 4,537,047, 8-27-85, Cl. 62-510.000.
- Seshimo, Yu: *See—*
  - Komatsu, Fumiaki; Saegusa, Kazuyuki; Seshimo, Yu; and Yamashita, Norio, 4,510,767, Cl. 62-200.000.
- Seshimoto, Osamu, to Fuji Photo Film Co., Ltd. Liquid transporting and distributing device and ionic activity measuring device using the same. 4,510,035, 4-9-85, Cl. 204-411.000.
- Seshimoto, Osamu, to Fuji Photo Film Co., Ltd. Ionic activity measuring device. 4,517,071, 5-14-85, Cl. 204-419.000.
- Seshimoto, Osamu: *See—*
  - Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, 4,528,085, Cl. 204-416.000.
  - Kitajima, Masao; Seshimoto, Osamu; and Mizutani, Shigemitsu, 4,555,274, Cl. 148-6.14R.
- Sessions, Robert W., to Ferris Manufacturing Corp. EKG electrode. 4,516,581, 5-14-85, Cl. 128-639.000.
- Sessler, Gerhard M.: *See—*
  - Lerch, Reinhard; and Sessler, Gerhard M., 4,558,249, Cl. 310-322.000.
- Sessoms, L. A. Bush ax sharpening holder and method of retaining. 4,497,142, 2-5-85, Cl. 51-218.00R.
- Sestak, Joseph T.; and Coon, Dennis C., to American Sterilizer Company. Temperature sensitive reclosure indicator. 4,539,929, 9-10-85, Cl. 116-221.000.
- Sestak, Joseph T.; and Kagan, Jonathan, to American Sterilizer Company. Indicator seal and sterilizer container. 4,562,047, 12-31-85, Cl. 422-300.000.
- Sestanj, Kazimir; Fung, Steven; Abraham, Nedumparambil A.; and Bellini, Francesco, to Ayerst, McKenna & Harrison, Inc. 5-methyl-1-(trifluoromethyl)-2-naphthatenol, process for its preparation and ethers thereof. 4,499,310, 2-12-85, Cl. 568-634.000.
- Sestini, Grazia: *See—*
  - Del Vecchio, Alfonso; and Sestini, Grazia, 4,562,287, Cl. 562-492.000.
- Sestito, William F.: *See—*
  - Rich, Hubert A.; Saffer, Gary M.; and Sestito, William F., 4,551,127, Cl. 493-462.000.
- Setala, Pekka T.: *See—*
  - Makipirtti, Simo A. I.; and Setala, Pekka T., 4,561,884, Cl. 75-21.000.
- Setescak, Linda L.: *See—*
  - Martin, Lawrence L.; and Setescak, Linda L., 4,496,580, Cl. 514-443.000.
  - Martin, Lawrence L.; and Setescak, Linda L., 4,514,411, Cl. 514-215.000.
  - Martin, Lawrence L.; and Setescak, Linda L., 4,515,946, Cl. 548-237.000.

Martin, Lawrence L.; and Setescak, Linda L., 4,526,891, Cl. 514-253.000.

Martin, Lawrence L.; and Setescak, Linda L., 4,560,701, Cl. 514-443.000.

Seth, Pyare, to Mepha AG. Gel-like ointment containing indometacin. 4,540,572, 9-10-85, Cl. 424-81.000.

Seth, Shivaji S.: *See—*

Brogli, Rudolf H.; Shamasunder, Bangalore I.; and Seth, Shivaji S., 4,547,334, Cl. 376-389.000.

Seth, Siya V., to U.S. Philips Corporation. Washing machine motor speed control circuit. 4,524,403, 6-18-85, Cl. 361-86.000.

Sethi, Amar J.: *See—*

Yong, Raymond N.; and Sethi, Amar J., 4,502,960, Cl. 210-728.000.

Yong, Raymond N.; and Sethi, Amar J., 4,502,961, Cl. 210-728.000.

Yong, Raymond N.; and Sethi, Amar J., 4,507,209, Cl. 210-728.000.

Yong, Raymond N.; and Sethi, Amar J., 4,508,627, Cl. 210-728.000.

Yong, Raymond N.; and Sethi, Amar J., 4,560,416, Cl. 127-33.000.

Sethi, Dalbir S., to FMC Corporation. Pregeneration of tetrahydroanthraquinones in a make-up solution to be added to a hydrogen peroxide working solution. 4,514,376, 4-30-85, Cl. 423-588.000.

Sethi, Dalbir S.; Meadow, Morton; and Scarito nee Bagnall, Elizabeth A., to FMC Corporation. Process for hydrogenating an alkylated anthraquinone. 4,539,196, 9-3-85, Cl. 423-588.000.

Sethi, Dalbir S.: *See—*

Lee, Nathan D.; and Sethi, Dalbir S., 4,544,543, Cl. 423-588.000.

Seto, Haruo: *See—*

Otake, Noboru; Seto, Haruo; Sasaki, Tetsuo; Sugita, Masanori; Natori, Yohei; and Sueda, Noriyoshi, 4,521,339, Cl. 260-239.30B.

Seto, Isao: *See—*

Sano, Shigehisa; Seto, Isao; Koseki, Hiroyuki; and Minomura, Mana, 4,508,152, Cl. 152-356.00R.

Seto, John Y. W.; and Su, Ken K. Y., to Fairchild Camera & Instrument Corporation. Method of fabricating polycrystalline silicon resistors in integrated circuit structures using outdiffusion. 4,502,894, 3-5-85, Cl. 148-1.500.

Seto, Junetsu: *See—*

Watanabe, Haruo; Seto, Junetsu; Suzuki, Kiyosuke; and Fukuma, Toshiaki, 4,542,084, Cl. 430-46.000.

Seto, Nobuo; Kamio, Takayoshi; and Aoki, Kozo, to Fuji Photo Film Co., Ltd. Color photographic light-sensitive material. 4,514,490, 4-30-85, Cl. 430-505.000.

Seto, Nobuo; Furutachi, Nobuo; Morigaki, Masakazu; and Nakazyo, Kiyoshi, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material containing stabilizer. 4,559,297, 12-17-85, Cl. 430-551.000.

Seto, Susumu; and Toriumi, Akihiko, to Canon Kabushiki Kaisha. Projection apparatus which compensates for the spectral sensitivity of an image receiving member. 4,505,569, 3-19-85, Cl. 355-3.00R.

Seto, Susumu, to Canon Kabushiki Kaisha. Image detecting device. 4,540,250, 9-10-85, Cl. 350-438.000.

Seto, Tadao; and Shimazaki, Yoshikazu, to Fuji Kagakushi Kogyo Co., Ltd. Heat-sensitive color transfer recording media. 4,503,095, 3-5-85, Cl. 427-265.000.

Seto, Toru: *See—*

Honda, Mitsuyasu; Hino, Masao; and Seto, Toru, 4,544,525, Cl. 422-171.000.

Seto, Toshiaki; Yamamoto, Hideo; and Kobayashi, Yoshiji, to Mikuni Kogyo Kabushiki Kaisha. Variable venturi type carburetor. 4,559,185, 12-17-85, Cl. 261-41.00D.

Seto, Yoshihiro, to Fuji Photo Film Co., Ltd. Roll package. 4,505,387, 3-19-85, Cl. 206-414.000.

Seton Company: *See—*

Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, 4,494,994, Cl. 106-308.00P.

Cioca, Gheorghe; Feeley, George F.; Brabson, Joseph B.; and Barth, Peter, 4,497,862, Cl. 428-220.000.

Cioca, Gheorghe, 4,515,637, Cl. 424-94.000.

Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, 4,557,855, Cl. 252-355.000.

Setra Systems, Inc.: *See—*

Lee, Shih-Ying; and Briefer, Dennis K., 4,513,831, Cl. 177-189.000.

Lee, Shih-Ying, 4,558,600, Cl. 73-862.640.

Setsune, Jun-ichiro: *See—*

Kitao, Teijiro; Setsune, Jun-ichiro; Ishihara, Shoichi; and Yamamoto, Ryoichi, 4,497,724, Cl. 252-70.000.

Settanni, Richard: *See—*

St. Jean, Herbert N.; and Settanni, Richard, 4,510,488, Cl. 340-567.000.

Setter, Gerald A., Jr.: *See—*

Dale, Steven M.; Paluch, Richard C.; and Setter, Gerald A., Jr., 4,527,909, Cl. 374-163.000.

Setterberg, John R., Jr., to Otis Engineering Corporation. Submersible pump. 4,502,536, 3-5-85, Cl. 166-105.500.

Settineri, William J.; Charles, John G.; Hinkel, Jerald J.; and Malone, Bradley P., to Dow Chemical Company, The. Method for removing or retarding paraffin buildup on surfaces in contact with natural gas. 4,536,222, 8-20-85, Cl. 134-5.000.

Settle, Alva R.: *See—*

Jable, Roger D.; and Settle, Alva R., 4,502,707, Cl. 280-682.000.

Setty, H. S. Nagaraja: *See—*

Ingle, William M.; Peffley, Marilyn S.; and Setty, H. S. Nagaraja, 4,526,769, Cl. 423-342.000.

Setzer, Helmut: *See—*

Pivit, Erich; Setzer, Helmut; Konig, Raimund; Distelrath, Peter; Hasse, Peter; and Zeidler, Manfred, 4,553,189, Cl. 361-119.000.

Setzer, Herbert J., to United Technologies Corporation. Steam reforming utilizing high activity catalyst. 4,503,029, 3-5-85, Cl. 423-652.000.

Setzer, Herbert J.; Bett, John A. S.; and Lesieur, Roger R., to United Technologies Corporation. Steam reforming utilizing iron oxide catalyst. 4,522,802, 6-11-85, Cl. 423-652.000.

Setzer, Russell G.: *See—*

Kaplan, Gerald S.; and Setzer, Russell G., 4,531,208, Cl. 370-7.000.

Seufert, Frederick B., to Texaco Development Corporation. Liquefaction of coal. 4,523,986, 6-18-85, Cl. 208-10.000.

Seufert, Frederick B., to Texaco Development Corporation. Integrated H-oil process including recovery and treatment of vent and purge gas streams and soot-naphtha stream. 4,526,676, 7-2-85, Cl. 208-58.000.

Seufert, Josef J., to Metallgesellschaft Aktiengesellschaft. Electrostatic precipitator having a sealing cover or roof. 4,508,547, 4-2-85, Cl. 55-101.000.

Seufert, Walter; Varwig, Juergen; Husslein, Gerd; Seppelt, Wolfgang; and Adolphi, Heinrich, to BASF Aktiengesellschaft. Difluoromethoxyphenyl thiophosphates as pesticides. 4,512,984, 4-23-85, Cl. 514-147.000.

Seufert, Walter; Varwig, Juergen; Seppelt, Wolfgang; and Adolphi, Heinrich, to BASF Aktiengesellschaft. 2-trifluoromethylphenyl (di)thiophosphates, and their use for pest control. 4,537,884, 8-27-85, Cl. 514-127.000.

Seufert, Walter; Varwig, Juergen; Husslein, Gerd; Seppelt, Wolfgang; and Adolphi, Heinrich, to BASF Aktiengesellschaft. Fluoroethoxyphenyl (di)thiophosphates, a process for their preparation and their use for controlling pests. 4,551,448, 11-5-85, Cl. 514-130.000.

Seufert, Walter: *See—*

Becker, Rainer; Theobald, Hans; Schirmer, Ulrich; Spiegler, Wolfgang; Seufert, Walter; and Wuerzer, Bruno, 4,500,340, Cl. 71-90.000.

Seufert, Wolf D.; and Cote, Roger A. Apparatus and method of line pattern analysis. 4,541,113, 9-10-85, Cl. 382-4.000.

Seuser, Ulrich H.: *See—*

Ullmann, Werner; Bantle, Max; Neumann, Harry; Seuser, Ulrich H.; and Mathys, Andre, 4,557,075, Cl. 51-58.000.

Seuter, Antonius M. J. H.; and van den Boom, Petrus F. J., to U.S. Philips Corporation. Low-pressure mercury vapor discharge lamp. 4,544,997, 10-1-85, Cl. 362-263.000.

Seuter, Friedel: *See—*

Mardin, Mithat; Busse, Wolf-Dieter; Hoffmeister, Friedrich; Seuter, Friedel; Perzborn, Elisabeth; Schlossmann, Klaus; Mayer, Dieter; and Fiedler, Volker, 4,540,707, Cl. 514-404.000.

Sevaille, Jean-Claude: *See—*

Bonnet, Bernard; Bressy, Roger; and Sevaille, Jean-Claude, 4,555,640, Cl. 307-115.000.

Sevald, William T.: *See—*

Vogt, Norman H., 4,557,014, Cl. 17-1.00R.

Vogt, Norman H., 4,558,487, Cl. 17-1.00R.

Sevastakis, Gus. Continuous casting apparatus. 4,493,361, 1-15-85, Cl. 164-443.000.

Sevastakis, Gus. Continuous casting apparatus. 4,535,832, 8-20-85, Cl. 164-421.000.

Sevastyanov, Viktor V.; Furman, Yakov A.; Grebenschikov, Anatoly P.; Lysov, Viktor F.; and Shalnov, Boris N., to Mezhkhozyaistvennoe Opytnokonstruktorskoe Bjuro Mariiskogo Respublicanskogo Proizvodstvennogo Obiedinenia "Mariiskmezhkhozkombikorm"; and Marisky Politekhnichesky Institut. Method for growth promotion in animals. 4,520,826, 6-4-85, Cl. 128-422.000.

Sevcik, Ladislav: *See—*

Svaty, Vladimir; and Sevcik, Ladislav, 4,494,577, Cl. 139-20.000.

Sevelinge, Gerard; and Pido, Jean-Claude, to Creusot-Loire. Support structure for solar collector. 4,558,551, 12-17-85, Cl. 52-646.000.

Seven Towns Limited: *See—*

Slade, Brian P., 4,521,024, Cl. 273-271.000.

Sevenson Company: *See—*

Steiner, Marvin B.; and Steiner, Roy I., 4,500,209, Cl. 366-157.000.

Sever, John I. Tractor-trailer coupling device. 4,556,232, 12-3-85, Cl. 280-432.000.

Severance, Wayne S., Jr.; and Rogers, George T., to Union Carbide Corporation. Plasma arc torch. 4,521,666, 6-4-85, Cl. 217-121.0PY.

Severens, Gerhard: *See—*

Keller, Walter; Kutz, Johannes; and Severens, Gerhard, 4,503,802, Cl. 118-249.000.

Severinsson, Anders S., to Telefonaktiebolaget LM Ericsson. Method of maintaining a predetermined beam direction in a laser pulse transmitter and an apparatus for carrying out the method. 4,498,180, 2-5-85, Cl. 372-29.000.

Severinsson, Anders S.: *See—*

Johansson, Karl H.; and Severinsson, Anders S., 4,552,455, Cl. 356-5.000.

Severinsson, Lars M.: *See—*

Stensson, Bo G.; Severinsson, Lars M.; and Lundstrom, Bo, 4,497,392, Cl. 188-59.000.

Severson, Roland G., Jr., to Procter & Gamble Company, The. Liquid detergents containing boric acid to stabilize enzymes. 4,537,706, 8-27-85, Cl. 252-545.000.

Severson, Roland G., Jr., to Procter & Gamble Company, The. Liquid detergents containing boric acid and formate to stabilize enzymes. 4,537,707, 8-27-85, Cl. 252-545.000.

Severson, Verne L.: *See—*

Ursin, Thomas N.; and Severson, Verne L., 4,491,933, Cl. 364-900.000.

Severson, Walter C.: *See—*

Uihlein, Robert E.; and Severson, Walter C., 4,542,604, Cl. 40-475.000.

Severwright, Jeremy S., to EMI Limited. Tactile array sensor. 4,549,093, 10-22-85, Cl. 307-147.000.

Severy, Steven E., to MDS Products, Inc. Use of cyanoacrylate compounds for dental modeling. 4,529,384, 7-16-85, Cl. 433-213.000.

Sevier, Peter E.: *See—*
- Dantzig, Jonathan A.; Sevier, Peter E.; and Ungarean, Gary L., 4,523,624, Cl. 164-454.000.
- Polan. Ned W.; Smialek, Raymond J.; Parthasarathi, Arvind; and Sevier, Peter E., 4,532,014, Cl. 204-28.000.

Seward, Irwin J., Jr.: *See—*
- Nafziger, John L.; Rader, Laura A.; and Seward, Irwin J., Jr., 4,554,378, Cl. 564-332.000.

Sewards, George R., to Linear Limited. Joining weatherstrippings. 4,505,780, 3-19-85, Cl. 156-507.000.

Sewell, James H.; Gaede, Hans; and Ritch, Curtis R., to Intech Corporation. Method for handling hosiery. 4,515,299, 5-7-85, Cl. 223-76.000.

Sewell, John H., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Composite materials. 4,533,589, 8-6-85, Cl. 428-174.000.

Sewell, John S.; McColl, Frederick A.; and Petkoff, Peter M., to Union Gas Limited. Apparatus for servicing gas lines. 4,497,332, 2-5-85, Cl. 137-15.000.

Sewell, Peter C.; Rundle, Gregory E.; and Hanson, Karl L., to Western Packaging Systems, Ltd. Automatic case erector and sealer. 4,553,954, 11-19-85, Cl. 493-309.000.

Sewell Plastics, Inc.: *See—*
- Hunter, Burnis L., 4,552,527, Cl. 425-535.000.
- Nickel, Gerhard E. B.; and Alberghini, Alfred C., 4,525,377, Cl. 427-12.000.

Sewell, Robert A.: *See—*
- Clifford, David P.; and Sewell, Robert A., 4,529,819, Cl. 564-44.000.

Sewell, Robert G. S.: *See—*
- Graham, Kenneth J.; and Sewell, Robert G. S., 4,543,872, Cl. 86-1.00B.

Sewerinson, Ake N., to AEL Microtel Limited. Coding for odd error multiplication in digital systems with differential coding. 4,530,094, 7-16-85, Cl. 371-43.000.

Sexton Can Company, Inc.: *See—*
- Mulawski, Walter J., 4,513,874, Cl. 220-89.00A.

Sexton, Daniel W., to General Electric Company. Sine wave generator. 4,542,353, 9-17-85, Cl. 331-143.000.

Sexton-Espec, Inc.: *See—*
- Hohman, John E., 4,550,574, Cl. 62-197.000.

Sexton, John M., to Pressure Systems, Inc. Air purification system monitor. 4,512,191, 4-23-85, Cl. 73-337.500.

Sexton, John S.; Stone, Brian J.; Howes, Trevor D.; and Andrew, Colin, to De Beers Industrial Diamond Division (Proprietary) Limited. Grinding wheel. 4,549,372, 10-29-85, Cl. 51-206.00R.

Sexton, Robert W.; and Smith, Richard L., to Allis-Chalmers Corporation. Evaporative gas treating system. 4,499,031, 2-12-85, Cl. 261-66.000.

Sexton, Rodney N.: *See—*
- Steele, Edward J.; and Sexton, Rodney N., 4,508,235, Cl. 215-307.000.

Sextro, Gunter: *See—*
- Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, 4,504,670, Cl. 549-347.000.

Seyama, Tuneo, to Kabushiki Kaisha Niida Seisakusho. Lock stitch type hand sewing machine. 4,501,211, 2-26-85, Cl. 112-169.000.

Seyb, Edgar J., Jr.; and Brown, Laurence A., to M&T Chemicals Inc. Control of anode gas evolution in trivalent chromium plating bath. 4,543,167, 9-24-85, Cl. 204-51.000.

Seyberlich, Alfred: *See—*
- Behre, Horst; Blank, Heinz U.; Seyberlich, Alfred; and Hagedorn, Ferdinand, 4,540,817, Cl. 564-218.000.

Seybold, Guenther, to BASF Aktiengesellschaft. Preparation of N,N-disubstituted 2-aminothiazoles. 4,560,751, 12-24-85, Cl. 544-60.000.

Seydel, Scott O.: *See—*
- Cutts, William H.; and Seydel, Scott O., 4,513,485, Cl. 28-181.000.

Seyer, Brenda J.: *See—*
- Seyer, Jerome J.; and Seyer, Brenda J., 4,549,737, Cl. 273-118.00R.

Seyer, Jerome J.; and Seyer, Brenda J. Pool-type marble game. 4,549,737, 10-29-85, Cl. 273-118.00R.

Seyerl, Joachim V., to SKW Trostberg Aktiengesellschaft. Process for manufacturing guanylurea sulfamate. 4,559,409, 12-17-85, Cl. 564-59.000.

Seyerle, Carl E., to Outboard Marine Corporation. Cutter blade for pneumatically transporting grass clippings. 4,559,769, 12-24-85, Cl. 56-295.000.

Seyferth, Dietmar: *See—*
- Fellmann, Jere D.; Garrou, Philip E.; Withers, Howard P., Jr.; and Seyferth, Dietmar, 4,536,589, Cl. 556-14.000.

Seyfried, Christoph: *See—*
- Hausberg, Hans-Heinrich; Uhl, Jurgen; Seyfried, Christoph; and Minck, Klaus-Otto, 4,500,541, Cl. 514-466.000.
- Hausberg, Hans-Heinrich; Prucher, Helmut; Uhl, Jurgen; Seyfried, Christoph; and Minck, Klaus, 4,508,732, Cl. 514-466.000.
- Hausberg, Hans-Heinrich; Bottcher, Henning; Gottschlich, Rudolf; Seyfried, Christoph; and Minck, Klaus-Otto, 4,547,576, Cl. 546-197.000.

Seyfried, Donald N.: *See—*
- Grow, Arthur L.; Gregorovich, Charles J.; and Seyfried, Donald N., 4,513,600, Cl. 72-345.000.
- Grow, Arthur L.; Gregorovich, Charles J.; and Seyfried, Donald N., 4,554,814, Cl. 72-345.000.

Seyfried, Philippe: *See—*
- Fiori, Robert; Seyfried, Philippe; and Symard, Jose, 4,535,666, Cl. 83-795.000.

Seyle, Robert A. Self propelled trench shield. 4,501,517, 2-26-85, Cl. 405-283.000.

Seyler, Edwin E. All-metal live trap. 4,546,568, 10-15-85, Cl. 43-61.000.

Seyler, Jay K.; Stahl, Glenn L.; and Orlowski, Ronald C., to Armour Pharmaceutical Company. 1A-endo-glycine-calcitonin. 4,497,732, 2-5-85, Cl. 260-112.50T.

Seyler, Jay K.: *See—*
- Orlowski, Ronald C.; and Seyler, Jay K., 4,495,097, Cl. 260-112.50T.
- Orlowski, Ronald C.; and Seyler, Jay K., 4,497,731, Cl. 260-112.50T.
- Orlowski, Ronald C.; and Seyler, Jay K., 4,537,716, Cl. 260-112.50T.

Seyler, Peter G., to Perfection Spring & Stamping Corp. Internal nut for adjusting the tension of a coil spring. 4,529,179, 7-16-85, Cl. 267-60.000.

Seyler, Peter G., to Perfection Spring & Stamping Corp. Method of making internal nut for adjusting the tension of a coil spring. 4,549,325, 10-29-85, Cl. 10-86.00R.

Seymour, Charles M. Retracting refuse can support. 4,513,938, 4-30-85, Cl. 248-507.000.

Seymour, David J.: *See—*
- Lehmann, Randall E.; Brehm, Gailon E.; and Seymour, David J., 4,525,678, Cl. 330-277.000.

Seymour, Edward A. Treating liquids in tanks. 4,541,928, 9-17-85, Cl. 210-177.000.

Seymour, Harlan R.: *See—*
- Chen, Lee; Khoury, Henri A.; and Seymour, Harlan R., 4,493,745, Cl. 156-626.000.

Seymour, John P.; and Gannon, John A., to Ciba-Geigy Corporation. Hydroxyl terminated polyfunctional epoxy curing agents. 4,526,940, 7-2-85, Cl. 525-526.000.

Seymour, Raymond K.; Palmieri, Joseph M.; Ashline, William J.; and Doughty, Dennis J., to General Electric Company. Automated Q-line circuit breaker. 4,513,268, 4-23-85, Cl. 335-35.000.

Seymour, Robert W.: *See—*
- Weemes, Doyle A.; and Seymour, Robert W., 4,510 205, Cl. 428-483.000.

Seymour, Shaun A.; and Greiner, James G., to Sperry Corporation. Bale unrolling apparatus. 4,498,830, 2-12-85, Cl. 414-24.600.

Seymour, Shaun A., to Sperry Corporation. Agricultural feed blending apparatus. 4,561,781, 12-31-85, Cl. 366-132.000.

Seymour-Sheridan, Inc.: *See—*
- Morgan, David L., 4,529,122, Cl. 236-52.000.

Seymour, Stephen R.; Guy, Robert K.; and Roberts, Paul N., to Rolls-Royce Limited. Sensing surges in gas turbine engines. 4,505,150, 3-19-85, Cl. 73-116.000.

Seynhaeve, Andre G., to Societe Delsey. Handle for wheeled suitcase. 4,544,050, 10-1-85, Cl. 190-115.000.

Seytre, Gerard: *See—*
- Camps, Marcel; Douillard, Alain; Dubois, Jean-Claude; Gazard, Maryse; Montheard, Jean-Pierre; Pascal, Thierry; and Seytre, Gerard, 4,508,639, Cl. 252-500.000.

Seyuin, Kenneth J.: *See—*
- Bennett, Jack L.; Wardynski, Wayne E.; and Seyuin, Kenneth J., 4,540,384, Cl. 464-111.000.

Sezaki, Masaji: *See—*
- Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, 4,548,816, Cl. 424-116.000.

Sezume, Tadashi: *See—*
- Inoue, Hiroshi; Sezume, Tadashi; Isoi, Masaaki; Iwanami, Kunio; and Sei, Kazuo, 4,528,329, Cl. 525-74.000.

Sfarti, Adrian, to Advanced Micro Devices, Inc. Stepper motor controller. 4,514,673, 4-30-85, Cl. 318-685.000.

SFE Technologies: *See—*
- Rosenberg, Michael A., 4,516,092, Cl. 333-184.000.
- Street, William D., 4,538,346, Cl. 29-602.00R.

Sferra, James P.: *See—*
- Ready, Robert J.; Whipple, Donald E.; and Sferra, James P., 4,512,098, Cl. 40-610.000.

Sfikas, Nicholas. Mini disk holder. 4,549,658, 10-29-85, Cl. 206-614.000.

Sfredda, Albert P. High ratio drive. 4,520,693, 6-4-85, Cl. 74-804.000.

Sgandurra, Vicente. Scoliosis frame. 4,505,268, 3-19-85, Cl. 128-69.000.

Sgourakes, George E.: *See—*
- Koziol, Stanislaw; and Sgourakes, George E., 4,520,678, Cl. 73-861.240.

Sgroi, Carl M.; and Hubner, Klaus M. Apparatus for the collection of solar heat energy and a solar collector. 4,515,149, 5-7-85, Cl. 126-442.000.

Sgroi, Nunzio: *See—*
- Sgroi, Nunzio B.; and Duffy, Patrick E., 4,494,533, Cl. 128-75.000.

Sgroi, Nunzio B.; and Duffy, Patrick E., to Sgroi, Nunzio. Asymetrically adjustable traction device. 4,494,533, 1-22-85, Cl. 128-75.000.

SGS-ATES Componenti Elettronici S.p.A.: *See—*
- Alzati, Angelo; Diazzi, Claudio; and Stefani, Fabrizio, 4,553,046, Cl. 307-289.000.
- Baldi, Livio; and Maggis, Aldo, 4,517,226, Cl. 427-90.000.
- Devecchi, Daniele; and Torelli, Guido, 4,555,644, Cl. 307-482.000.
- Palara, Sergio; and Torazzina, Aldo, 4,555,674, Cl. 330-267.000.
- Siligoni, Marco; and Rossetti, Nazareno, 4,501,933, Cl. 179-81.00R.

Siligoni, Marco; and Consiglio, Pietro, 4,502,016, Cl. 330-146.000.
Siligoni, Marco; and Rossetti, Nazzareno, 4,507,525, Cl. 179-81.00R
Stefani, Fabrizio; Cini, Carlo; and Diazzi, Claudio, 4,549,095, Cl. 307-254.000.

Sguazzi, Georges: *See—*
Bernou, Joseph; and Sguazzi, Georges, 4,506,821, Cl. 228-5.700.

Sguazzin, Aldo. Continuously deodorized toilet. 4,493,117, 1-15-85, Cl. 4-213.000.

Shaban, Atef M.: *See—*
Suciu, George D.; Kwon, Joon T.; and Shaban, Atef M., 4,496,777, Cl. 568-850.000.

Shabe, John: *See—*
Alvarez, Joseph A., III; Brennen, John F.; Krug, Robert W.; Gobioff, Bruce D.; and Shabe, John, 4,507,781, Cl. 370-104.000.

Shabel, Barrie S., to Aluminum Company of America. Rapid determination of metal strength from hardness tests. 4,530,235, 7-23-85, Cl. 73-81.000.

Shaber, Gary S.; and Buenzli, Charles W., Jr., to Probex, Inc. Film strip for rapid test of a film processor. 4,508,686, 4-2-85, Cl. 422-55.000.

Shabram, Lyle F., Jr.: *See—*
Shabram, Lyle F., Sr.; and Shabram, Lyle F., Jr., 4,558,806, Cl. 222-556.000.

Shabram, Lyle F., Sr.; and Shabram, Lyle F., Jr. Condiment cap. 4,558,806, 12-17-85, Cl. 222-556.000.

Shabushnig, John: *See—*
Hieftje, Gary M.; and Shabushnig, John, 4,492,322, Cl. 222-420.000.

Shachihata Industry Co., Ltd.: *See—*
Hirabayashi, Masao; and Mizutani, Takeshi, 4,529,329, Cl. 401-209.000.
Hirabayashi, Masao; and Mizutani, Takeshi, 4,531,853, Cl. 401-265.000.

Shachihata Kogyo K.K.: *See—*
Nagata, Sumio; Kanaiwa, Kazuhide; and Ichikawa, Takashi, 4,556,096, Cl. 164-79.000.

Shack, Roland V.: *See—*
Breckinridge, James B.; Page, Norman A.; Shack, Roland V.; and Shannon, Robert R., 4,497,540, Cl. 350-168.000.

Shackelford, Carl L.; and Rainin, Kenneth, to Rainin Instrument Co. Inc. Modular liquid chromatography column apparatus. 4,551,249, 11-5-85, Cl. 210-198.200.

Shackelford, G. Raymond, Sr. Automobile wheel lift for a tow truck. 4,534,579, 8-13-85, Cl. 280-402.000.

Shacket, Sheldon R. Ball and tube game apparatus and method. 4,506,892, 3-26-85, Cl. 273-153.00R.

Shackle, Dale R.; Cousin, Michael J.; and Pack, Gary D., to Mead Corporation, The. Method for producing microcapsules by interfacial photopolymerization and microcapsules formed thereby. 4,532,183, 7-30-85, Cl. 428-402.220.

Shackle, Peter W., to AT&T Bell Laboratories. Control circuitry for high voltage solid-state switches. 4,516,037, 5-7-85, Cl. 307-252.00A.

Shackle, Peter W.; and Pospisil, Robert S., to Harris Corporation. Integrated circuit switch using stacked SCRs. 4,528,461, 7-9-85, Cl. 307-252.00L.

Shackle, Peter W.; and Pospisil, Robert S., to Harris Corporation. Integrated circuit switch using stacked SCRs. 4,528,462, 7-9-85, Cl. 307-252.00L.

Shackleton, Craig, to Mead Corporation, The. Orifice plate for ink jet printer. 4,549,188, 10-22-85, Cl. 346-1.100.

Shackleton, Craig R., to Mead Corporation, The. Air piloted valve for controlling start/stop of an ink jet drop generator. 4,520,369, 5-28-85, Cl. 346-75.000.

Shacklette, Lawrence W., to Allied Corporation. Secondary battery containing organoborate electrolyte. 4,522,901, 6-11-85, Cl. 429-194.000.

Shacklette, Lawrence W.: *See—*
Wolf, James F.; Savner, Suzanne M.; Maxfield, MacRae; and Shacklette, Lawrence W., 4,528,254, Cl. 429-197.000.

Shada, Douglas M.: *See—*
Bauer, John F.; and Shada, Douglas M., 4,558,070, Cl. 514-557.000.

Shadbolt, Colin F.: *See—*
Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., 4,513,728, Cl. 123-527.000.

Shadbolt, Philip; and Cassey, Graham E., to Esselte Pendaflex Corporation. Transfer imaging systems. 4,542,052, 9-17-85, Cl. 428-40.000.

Shade, Edwin J., Jr. Workpiece holder. 4,540,164, 9-10-85, Cl. 269-88.000.

Shade, Floyd J.: *See—*
Goodnow, Robert A.; Shade, Floyd J.; and Sloboth, Thomas A., 4,530,832, Cl. 424-92.000.

Shadle, Barry L.: *See—*
Bennett, Terry A.; Zimmerman, William B.; and Shadle, Barry L., 4,529,433, Cl. 65-273.000.

Shadwick, David T., to International Business Machines Corporation. Ribbon feed cartridge. 4,523,868, 6-18-85, Cl. 400-208.000.

Shadzi, Bahram: *See—*
Ericson, Charles P.; and Shadzi, Bahram, 4,551,355, Cl. 427-48.000.

Shaefer, Robert R.; and Matthews, Kenneth J., to Nibco Inc. Plastic pipe elements and methods for making same. 4,514,244, 4-30-85, Cl. 156-158.000.

Shaer, Elias H., to Drackett Company, The. Aqueous compositions containing stabilized enzymes. 4,518,694, 5-21-85, Cl. 435-188.000.

Shaer, Elias H., to Drackett Company, The. Aqueous compositions containing stabilized enzymes. 4,548,727, 10-22-85, Cl. 252-171.000.

Shafai, Lotfollah: *See—*
Ittipiboon, Apisak; Shafai, Lotfollah; and Bridges, Ernest, 4,516,129, Cl. 343-772.000.

Shafco Industries Inc.: *See—*
Miller, Ivan O., 4,523,608, Cl. 137-315.000.

Shafer, Jules A. Accumulated thermal exposure responder and method of use. 4,533,640, 8-6-85, Cl. 436-2.000.

Shafer, Martha J.: *See—*
Brouillette, Bruce R.; and Shafer, Martha J., 4,518,734, Cl. 524-378.000.

Shafer, Ronald E.: *See—*
Molloy, Edward W.; and Shafer, Ronald E., 4,540,381, Cl. 464-29.000.

Shaffar, Mark R., to Abbott Laboratories. Fluorometric assay. 4,495,293, 1-22-85, Cl. 436-172.000.

Shaffer, David T.: *See—*
Galloway, Michael D.; Gingerich, David J.; and Shaffer, David T., 4,497,983, Cl. 200-5.00R.
Gingerich, David J.; Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,531,030, Cl. 200-68.200.
Meehan, Robert F.; Rose, William H.; and Shaffer, David T., 4,530,552, Cl. 339-17.0CF.
Rose, William H.; and Shaffer, David T., 4,496,802, Cl. 200-5.00R.
Rose, William H.; Rupnik, David W.; and Shaffer, David T., 4,506,124, Cl. 200-153.00J.

Shaffer, Donald J. Engine with additional shared flow control runner for two cylinders 4,553,507, 11-19-85, Cl. 123-52.00M.

Shaffer, Donald U. Ram construction for oil well blow out preventer apparatus. 4,550,895, 11-5-85, Cl. 251-1.300.

Shaffer, Elwood: *See—*
Fayerman, Peter; and Shaffer, Elwood, 4,502,720, Cl. 292-348.000.

Shaffer, Jack C.: *See—*
Schramm, Arthur G., deceased; Hardy, Doralyn A., personal representative; and Shaffer, Jack C., 4,510,010, Cl. 156-383.000.

Shaffer, Jacob E., Jr.; and Picarello, Joseph F., to Borg-Warner Corporation. Control system for electric water heater with heat pump external heat source. 4,540,874, 9-10-85, Cl. 219-279.000.

Shaffer, Jacob E., Jr.; Reier, John C.; and Tome, Frederick C., Jr., to Borg-Warner Corporation. Control system for water heater with external heat source. 4,543,468, 9-24-85, Cl. 219-279.000.

Shaffer, Jeffery J. Method of playing strategy game. 4,552,364, 11-12-85, Cl. 273-260.000.

Shaffer, Jesse S.: *See—*
Kent, Thomas A.; and Shaffer, Jesse S., 4,546,415, Cl. 361-433.000.

Shaffer, John W., to GTE Products Corporation. Life tungsten filament for incandescent lamp. 4,519,785, 5-28-85, Cl. 445-48.000.

Shaffer, John W.: *See—*
Bonazoli, Robert P.; and Shaffer, John W., 4,528,479, Cl. 315-73.000.

Shaffer, Robert H. Holder for vise parallels. 4,558,856, 12-17-85, Cl. 269-277.000.

Shaffer, Roy E.: *See—*
Gleason, James R.; Shaffer, Roy E.; and Awabdy, Issac A., 4,559,377, Cl. 524-44.000.

Shafii-Rad-G., Nader. Drawing aid with interchangeable insert. 4,505,044, 3-19-85, Cl. 33-174.00B.

Shafrir, Doron; and Tamir, Giora. Display module. 4,514,920, 5-7-85, Cl. 40-448.000.

Shafritz, David A., to Albert Einstein College of Medicine of Yeshiva Univ. Diagnostic test for hepatitis B virus. 4,562,159, 12-31-85, Cl. 436-501.000.

Shaginian, Albert S.: *See—*
Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.

Shah, Ajay: *See—*
Rowe, William; Dooley, Thomas; and Shah, Ajay, 4,559,401, Cl. 544-216.000.

Shah, Ashwin H., to Texas Instruments Incorporated. Power-down inverter circuit. 4,503,341, 3-5-85, Cl. 307-450.000.

Shah, Ashwin V.: *See—*
Bass, Leland J.; Quick, Roy F., Jr.; Shah, Ashwin V.; and Wickwire, Ralph O., 4,542,376, Cl. 340-724.000.
Bass, Leland J.; Shah, Ashwin V.; and Wickwire, Ralph O., 4,550,315, Cl. 340-703.000.
Bass, Leland J.; Quick, Roy F., Jr.; Shah, Ashwin V.; and Wickwire, Ralph O., 4,559,533, Cl. 340-724.000.

Shah, Atul: *See—*
Miller, William P.; and Shah, Atul, 4,522,435, Cl. 285-256.000.

Shah, Dhiraj M.: *See—*
Balko, Alexander B.; and Shah, Dhiraj M., 4,512,338, Cl. 128-1.00R.

Shah, Girish B.: *See—*
Zemke, Edward H., deceased; Pogue, Harold D.; Shah, Girish B.; and Bowles, Myron A., 4,544,146, Cl. 270-58.000.

Shah, Hemen V.; Mashikian, Victor; Seaton, John; and Keller, Gordon, to MAI Basic Four, Inc. Memory request arbitrator. 4,536,839, 8-20-85, Cl. 364-200.000.

Shah, Jayantkumar R.: *See—*
Brightman, Barrie; Elliott, George; Lenk, Pedro A.; Shah, Jayantkumar R.; and Stewart, William H., 4,555,595, Cl. 179-18.0ES.

Shah, Kirti C., to General Electric Company. Ultrasonic temperature sensor. 4,541,732, 9-17-85, Cl. 374-117.000.

- Shah, Kishore R., to Kendall Company, The. Water vapor permeable pressure sensitive adhesives incorporating modified acrylate copolymers. 4,510,197, 4-9-85, Cl. 428-220.000.
- Shah, Mahesh, to Northern Telecom Limited. Key telephone system signalling and control arrangement. 4,511,766, 4-16-85, Cl. 179-99.00A.
- Shah, Mahesh: *See—*
  - Wetzel, David L.; and Shah, Mahesh, 4,511,767, Cl. 179-99.00A.
- Shah, Mayur S.: *See—*
  - Iseler, Kenneth A.; Connolly, Joseph D.; and Shah, Mayur S., 4,529,757, Cl. 523-513.000.
- Shah, Navnit: *See—*
  - Behl, Charanjit; Beskid, George; Shah, Navnit; Tossounian, Jacques; and Unowsky, Joel, 4,525,339, Cl. 424-16.000.
- Shah, Nayan S.: *See—*
  - Pistillo, John, 4,526,196, Cl. 137-557.000.
- Shah, Nehal M.: *See—*
  - Bailey, Thomas F.; Campbell, John E.; Rives, Allen K.; and Shah, Nehal M., 4,533,003, Cl. 175-269.000.
- Shah, Nutan B., to Richardson-Vicks Inc. Method of cleaning dentures using aerated foams. 4,511,486, 4-16-85, Cl. 252-90.000.
- Shah, Pravinchandra K.; and Antlfinger, George J., to B. F. Goodrich Company, The. Latex containing odor inhibitor. 4,501,789, 2-26-85, Cl. 428-274.000.
- Shah, Raj: *See—*
  - Sekmakas, Kazys; and Shah, Raj, 4,497,946, Cl. 528-99.000.
  - Sekmakas, Kazys; Shah, Raj; Lewarchik, Ronald J.; and Murray, Kevin P., 4,518,746, Cl. 525-443.000.
  - Sekmakas, Kazys; and Shah, Raj, 4,525,510, Cl. 524-156.000.
  - Sekmakas, Kazys; and Shah, Raj, 4,526,915, Cl. 524-83.000.
  - Sekmakas, Kazys; and Shah, Raj, 4,535,122, Cl. 524-809.000.
- Shah, Rajiv R., to Texas Instruments Incorporated. Apparatus and method for photolithography with phase conjugate optics. 4,496,222, 1-29-85, Cl. 350-354.000.
- Shah, Ramesh C. R.; Clare, Hugh J.; and Berry, Ronald F., to Pilkington Brothers P.L.C. Handling sheets of material. 4,522,544, 6-11-85, Cl. 414-330.000.
- Shah, Ramesh M.; and Ridgway, Thomas H., to Data Chem., Inc. Controlled temperature blood warming apparatus. 4,532,414, 7-30-85, Cl. 219-308.000.
- Shah, Saresh: *See—*
  - Marks, Robert E.; Burton, James S.; Elvidge, John A.; and Shah, Saresh, 4,505,898, Cl. 514-18.000.
- Shah, Satish C., to Electronic Solutions. Frame for supporting circuit boards. 4,531,640, 7-30-85, Cl. 211-41.000.
- Shah, Shirish M., to Orr Felt Company, The. Method of marking papermakers' felt by transfer printing. 4,511,361, 4-16-85, Cl. 8-471.000.
- Shah, Shrenik K.: *See—*
  - Doherty, James B.; Ashe, Bonnie M.; Finke, Paul E.; Shah, Shrenik K.; Thompson, Kevan R.; and Zimmerman, Morris, 4,547,371, Cl. 514-200.000.
- Shahaney, Sunil: *See—*
  - Woodward, Antony I.; Clarke, David G.; and Shahaney, Sunil, 4,517,285, Cl. 430-538.000.
- Shahar, Gabriel: *See—*
  - Larom, Dov; and Shahar, Gabriel, 4,559,912, Cl. 123-350.000.
- Shahbaz, Zalmai S.; and Frielinghaus, Klaus H., to General Signal Corporation. Automatic counting system for passages. 4,528,679, 7-9-85, Cl. 377-6.000.
- Shahbazi, Samson: *See—*
  - Martin, F. Wayne; Shahbazi, Samson; and Schoonejongen, Ronald J., 4,535,012, Cl. 427-386.000.
- Shaheen, Joseph M.; and Yancey, Herbert W., to Rockwell International Corporation. Fiber optic cable. 4,496,215, 1-29-85, Cl. 350-96.230.
- Shaheen, Joseph M.: *See—*
  - Escallier, Edward A.; Dawson, Stanley R.; and Shaheen, Joseph M., 4,501,929, Cl. 174-117.00F.
  - Escallier, Edward A.; Dawson, Stanley R.; and Shaheen, Joseph M., 4,548,661, Cl. 156-52.000.
- Shaheen, Louis R. Wall support. 4,505,447, 3-19-85, Cl. 248-216.100.
- Shahidi, Fereidoon: *See—*
  - Rubin, Leon J.; Diosady, Levente L.; Shahidi, Fereidoon; and Wood, Darrell F., 4,559,234, Cl. 426-250.000.
- Shahrokh-Khani, Jane A., executor: *See—*
  - Weissenbach, Joseph, deceased; and Shahrokh-Khani, Jane A., executor, 4,499,885, Cl. 123-525.000.
- Shai, Michael C.: *See—*
  - Schutt, John B.; and Shai, Michael C., 4,518,722, Cl. 523-135.000.
- Shai, Yechiel: *See—*
  - Patchornik, Abraham; Shai, Yechiel; and Pass, Shimeon, 4,552,922, Cl. 525-54.110.
- Shaikh, Maqboolhusein G., to A. O. Smith Corporation. Power connection apparatus having integrated surge arrestor. 4,538,200, 8-27-85, Cl. 361-117.000.
- Shaikh, Maqboolhusein G., to A. O. Smith Corporation. Electric power supply connection for submersible capacitor-start motor apparatus. 4,546,300, 10-8-85, Cl. 318-786.000.
- Shaikh, Mujahid L.: *See—*
  - Jones, Howard; Magnien, Ernest; Musser, John H.; and Shaikh, Mujahid L., 4,552,876, Cl. 514-234.000.
- Shajenko, Peter, to United States of America, Navy. Optical sensing devices. 4,522,495, 6-11-85, Cl. 356-345.000.
- Shaked, Ze'ev; and Wolfe, Sidney N., to Cetus Corporation. Controlled oxidation of microbially produced cysteine-containing proteins. 4,530,787, 7-23-85, Cl. 260-112.00R.
- Shaken Co., Ltd.: *See—*
  - Fukuda, Shinichiro, 4,511,893, Cl. 340-747.000.
  - Fuse, Shigeru; Takashima, Masatake; Fukuda, Shinichiro; and Shibata, Hiroyuki, 4,542,412, Cl. 358-260.000.
- Shakertown Corporation: *See—*
  - Bockwinkel, Joe L.; and Pehl, Willis G., 4,499,701, Cl. 52-555.000.
- Shakespeare, Walter J.: *See—*
  - Mammel, Lewis H.; and Shakespeare, Walter J., 4,534,776, Cl. 55-136.000.
- Shakhmamedov, Rovshan I. O.: *See—*
  - Abdullaev, Gasan M. B. O.; Maxudov, Faramaz G. O.; Kasimov, Dzhangir A. K. O.; Mamedov, Bakhtiyar M. R. O.; Aliev, Gabil G.; Gadzhiev, Yashar A. O.; Shakhmamedov, Rovshan I. O.; and Iljushin, Alexei A., 4,493,140, Cl. 29-446.000.
- Shakib, Iraj D.: *See—*
  - Bobart, Kevin L.; Samson, Robert S.; and Shakib, Iraj D., 4,541,746, Cl. 400-144.200.
  - Field, Thomas R.; Hughes, Frank M.; Shakib, Iraj D.; and Vitek, Edward J., Jr., 4,525,086, Cl. 400-144.200.
- Shaklee Corporation: *See—*
  - Taracatac, Corazon A.; Flores, Luis; and Chaudhry, Viren, 4,495,177, Cl. 424-147.000.
- Shaklee, Kerry L.: *See—*
  - Whetstone, Albert L.; Shaklee, Kerry L.; and Modjallal, Khosrow, 4,514,726, Cl. 340-710.000.
  - Whetstone, Albert L.; and Shaklee, Kerry L., 4,550,316, Cl. 340-710.000.
- Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., to Ethicon, Inc. Copolymers of a 4,4'-(ethylenedioxy)bis benzoate, an alkylene diol and a (2-alkenyl or alkyl) succinic anhydride. 4,511,706, 4-16-85, Cl. 528-192.000.
- Shalaby, Shalaby W.; and Koelmel, Donald F., to Ethicon, Inc. Flexible copolymers of p-(hydroxyalkoxy)benozic acid and pliant surgical products, particularly monofilament surgical sutures, therefrom. 4,543,952, 10-1-85, Cl. 128-335.500.
- Shalaby, Shalaby W.; and Schipper, Edgar S., to Ethicon, Inc. Flexible monofilament surgical sutures comprising poly(polymethylene terephthalate, isophthalate or cyclohexane-1,4-dicarboxylate-co-dimerate). 4,550,730, 11-5-85, Cl. 128-335.500.
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  - Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,510,295, Cl. 525-437.000.
  - Bezwada, Rao S.; Shalaby, Shalaby W.; and Jamiolkowski, Dennis D., 4,532,928, Cl. 128-335.500.
  - Koelmel, Donald; and Shalaby, Shalaby W., 4,559,945, Cl. 128-335.500.
  - Koelmel, Donald F.; Jamiolkowski, Dennis D.; Shalaby, Shalaby W.; and Bezwada, Rao S., 4,546,152, Cl. 525-437.000.
- Shaldon, Stanley; Christopherson, Kjell H. I.; Falkvall, Thore E.; and Mattisson, Ulf K., to Gambro Lundia AB. Filtering device. 4,498,990, 2-12-85, Cl. 210-637.000.
- Shalek, Walter F., to Halliburton Company. Multiple flow rate formation testing device and method. 4,513,612, 4-30-85, Cl. 73-155.000.
- Shaler, John E.: *See—*
  - Ricketts, Thomas E.; and Shaler, John E., 4,513,665, Cl. 102-312.000.
- Shalhoob, William N.; and Kaspaul, Alfred F., to Hydromagnetics, Inc. Hydromagnetic apparatus for non-surgical in vivo removal of calcium deposits. 4,537,181, 8-27-85, Cl. 128-1.300.
- Shallcross, Frank V. L.: *See—*
  - Kosonocky, Walter F.; and Shallcross, Frank V. L., 4,548,671, Cl. 156-643.000.
- Shallenberger, John M.; and Ferlan, Stephen J., to Westinghouse Electric Corp. Removal and replacement of fuel rods in nuclear fuel assembly. 4,522,780, 6-11-85, Cl. 376-260.000.
- Shalnov, Boris N.: *See—*
  - Sevastyanov, Viktor V.; Furman, Yakov A.; Grebenschikov, Anatoly P.; Lysov, Viktor F.; and Shalnov, Boris N., 4,520,826, Cl. 128-422.000.
- Shalon, Tadmor: *See—*
  - Drews, Robert C.; Meyer, Danny D.; Shalon, Tadmor; and Pasternak, Eliezer, 4,508,532, Cl. 604-22.000.
- Shamasunder, Bangalore I.: *See—*
  - Brogli, Rudolf H.; Shamasunder, Bangalore I.; and Seth, Shivaji S., 4,547,334, Cl. 376-389.000.
- Shamauchi Kieki Kabushiki Kaisha: *See—*
  - Ito, Jiro; Kitano, Masuo; and Sakamoto, Kenji, 4,491,424, Cl. 368-157.000.
- Shamblee, Dwight A.: *See—*
  - Walsh, David A.; and Shamblee, Dwight A., 4,503,073, Cl. 514-539.000.
- Shambroom, John R.; and Sliski, Alan P., to Control Data Corporation. Capacitance height gage applied in reticle position detection system for electron beam lithography apparatus. 4,538,069, 8-27-85, Cl. 250-491.100.
- Shambroom, John R.; and Sliski, Alan P., to Control Data Corporation. Calibration apparatus for capacitance height gauges. 4,539,835, 9-10-85, Cl. 73-1.00J.
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  - Toropov, Gennady A.; Shamenko, Stepan P.; Didyk, Rostislav P.; and Toropov, Anatoly A., 4,491,002, Cl. 72-118.000.
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Shamie, Louis. Foldable baby carriage with security lock. 4,529,219, 7-16-85, Cl. 280-642.000.

Shamie, Louis. Double action crib drop side lock. 4,530,528, 7-23-85, Cl. 292-60.000.

Shamos, Morris: *See—*

Banko, William, 4,507,976, Cl. 73-861.540.

Shamov, Alexandr N.: *See—*

Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.

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Shamszadeh, Khosrow, to Nadalaan S.A. Construction element. 4,517,782, 5-21-85, Cl. 52-309.700.

Shan, Chen J. Writing implement and kit. 4,515,492, 5-7-85, Cl. 401-52.000.

Shanaberger, Jan L.: *See—*

Turner, Herman E., Jr.; and Shanaberger, Jan L., 4,547,120, Cl. 414-744.00R.

Shanbhag, Sudhakar P.: *See—*

El-Hag, Nabil A.; Cochran, Stuart A.; Schwabe, Kenneth R.; Carricato, Louis; and Shanbhag, Sudhakar P., 4,551,340, Cl. 426-437.000.

Shanel, Kathleen A. Holder for rubber dental dam. 4,512,742, 4-23-85, Cl. 433-136.000.

Shaner, Jay R.: *See—*

Joo, Louis A.; Secrist, Duane R.; Clark, James M.; Tucker, Kenneth W.; and Shaner, Jay R., 4,529,494, Cl. 204-290.00R.

Shaner, Kenneth: *See—*

French, Kenneth; Kocher, Robert C.; Piorkow, Alfred; Shaner, Kenneth; and Smith, J. Thomas, 4,533,251, Cl. 356-384.000.

Shanfield, Stanley R.: *See—*

Little, Roger G.; and Shanfield, Stanley R., 4,526,673, Cl. 204-192.00E.

Shani, Gad, to Ben-Gurion University of the Negev Research and Development Authority. Fast neutron radiography system. 4,535,246, 8-13-85, Cl. 250-390.000.

Shank, Brian E., to Kerr Glass Manufacturing Corporation. Tamper-evident closure and method of manufacture. 4,511,054, 4-16-85, Cl. 215-252.000.

Shank, Joseph L., to DynaGel Incorporated. Cross-linked protein composition using aluminum salts of acetic acid. 4,500,453, 2-19-85, Cl. 260-117.000.

Shank, Joseph L., to DynaGel Incorporated. Preparation of hydrolyzed collagen-containing products from non-gelled liquid hydrolyzed collagen concentrate and gelled products prepared therefrom. 4,528,204, 7-9-85, Cl. 426-576.000.

Shank, Wayne C.: *See—*

Edwards, Thomas C.; and Shank, Wayne C., 4,494,386, Cl. 62-402.000.

Shank, William E.; and Bercaw, Kenneth K., to Litton Industrial Products, Inc. Regulating wheelhead drive. 4,519,722, 5-28-85, Cl. 403-26.000.

Shank, William E., to Litton Industrial Products, Inc. Internal grinding machine. 4,527,357, 7-9-85, Cl. 51-105.0SP.

Shankar, Srinivasan, to Turbine Components Corporation. Methods of forming a protective diffusion layer on nickel, cobalt and iron base alloys. 4,501,776, 2-26-85, Cl. 427-253.000.

Shankar, Srinivasan; and Goward, G. William, to Turbine Components Corporation. Methods of forming a protective diffusion layer on nickel, cobalt, and iron base alloys. 4,526,814, 7-2-85, Cl. 427-253.000.

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Shanklin, Frank G.; and King, Francis X. (said Francis Xavier King, Jr. assors. to), 4,537,016, Cl. 53-493.000.

Shanklin, Donald J., to Superior Industries International, Inc. Fuel tank locking apparatus. 4,527,407, 7-9-85, Cl. 70-167.000.

Shanklin, Frank G.; and King, Francis X., to Shanklin Corporation, by said Francis Xavier King, Jr. Horizontal form, fill, seal machines. 4,537,016, 8-27-85, Cl. 53-493.000.

Shanklin, James R., Jr.; and Johnson, Christopher P., III, to A. H. Robins Company, Incorporated. Method of treating cardiac disorders with N-(aryloxyalkyl)-N′-(aminoalkyl)ureas. 4,500,529, 2-19-85, Cl. 514-235.000.

Shanklin, James R., Jr.; and Johnson, Christopher P., III, to A. H. Robins Company, Incorporated. N-(aryloxyalkyl)-N′-(aminoalkyl)-thioureas. 4,558,155, 12-10-85, Cl. 564-27.000.

Shanks, Bruce E., to General Electric Company. Sealed lamp. 4,544,998, 10-1-85, Cl. 362-267.000.

Shanks, Ian A.: *See—*

Glasper, John L.; Shanks, Ian A.; and Clark, Michael G., 4,527,863, Cl. 350-336.000.

Shanley, Charles W.; and Braun, William V., to Motorola, Inc. Simplex transceiver employing a common piezoelectric element for transmitting and receiving. 4,501,018, 2-19-85, Cl. 455-83.000.

Shanley, Robert L., II, to RCA Corporation. DC stabilization system. 4,549,203, 10-22-85, Cl. 358-34.000.

Shanley, Robert L., II; Yost, Thomas D.; and Lagoni, William A., to RCA Corporation. Keyed DC stabilization system with protection from error introduction during vertical sync interval. 4,554,577, 11-19-85, Cl. 358-34.000.

Shanley, Robert L., II, to RCA Corporation. Control system for luminance/chrominance signal processing circuits. 4,554,588, 11-19-85, Cl. 358-243.000.

Shanley, Robert L., II: *See—*

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Shanni International, Inc.: *See—*

Colvin, Harry, 4,545,171, Cl. 52-79.500.

Shannon, Bruce L., to Standard Oil Company, The. System to produce a brine-based drilling fluid. 4,518,568, 5-21-85, Cl. 422-261.000.

Shannon, Harry D.; and Lutts, William P., to Shannon, Harry D. Convertible amphibious aircraft wheel position warning system. 4,516,124, 5-7-85, Cl. 340-960.000.

Shannon, John K. Cable connector and method. 4,505,534, 3-19-85, Cl. 339-263.00R.

Shannon, John M., to U.S. Philips Corporation. Electron sources and equipment having electron sources. 4,506,284, 3-19-85, Cl. 357-52.000.

Shannon, John M.; Hoeberechts, Arthur M. E.; and Van Gorkom, Gerardus G. P., to U.S. Philips Corporation. Electron sources and equipment having electron sources. 4,516,146, 5-7-85, Cl. 357-52.000.

Shannon, John M., to U.S. Philips Corporation. Solid-state infrared radiation imaging devices having a radiation-sensitive portion with a superlattice structure. 4,561,005, 12-24-85, Cl. 357-24.000.

Shannon, Mark L., to Conoco Inc. Preparation of modified aromatic moiety-containing polymers. 4,529,778, 7-16-85, Cl. 525-196.000.

Shannon, Mark L.: *See—*

Mack, Mark P.; and Shannon, Mark L., 4,525,468, Cl. 502-104.000.

Shannon, Michael A.; and Howat, Robert J., to Northern Telecom Limited. Method for production of dielectric insulation layers upon electrical conductors. 4,514,435, 4-30-85, Cl. 427-8.000.

Shannon, Michael A., to Northern Telecom Limited. Monitoring magnetically permeable particles in admixture with a fluid carrier. 4,522,501, 6-11-85, Cl. 366-142.000.

Shannon, Michael A.; and McDade, John A., to Northern Telecom Limited. Production of dielectric insulation layers upon electrical conductors. 4,530,851, 7-23-85, Cl. 427-9.000.

Shannon, Michael A.: *See—*

Garner, John N.; and Shannon, Michael A., 4,515,826, Cl. 427-8.000.

Walling, Jorg-Hein; Shannon, Michael A.; and Arbuthnot, Gerald, 4,518,633, Cl. 427-120.000.

Walling, Jorg-Hein; Arbuthnot, Gerald; and Shannon, Michael A., 4,560,521, Cl. 264-24.000.

Shannon, Michael P.: *See—*

Coulter, James C.; and Shannon, Michael P., 4,508,046, Cl. 114-39.000.

Shannon, Patrick A.: *See—*

Fowler, Glenn D.; Shannon, Patrick A.; Stout, Ronald L.; and Yao, Jean, 4,502,116, Cl. 364-200.000.

Shannon, Paul J.: *See—*

Phan, Xuan T.; and Shannon, Paul J., 4,492,619, Cl. 204-158.00R.

Phan, Xuan T.; and Shannon, Paul J., 4,525,302, Cl. 260-239.30R.

Shannon, Robert R.: *See—*

Breckinridge, James B.; Page, Norman A.; Shack, Roland V.; and Shannon, Robert R., 4,497,540, Cl. 350-168.000.

Shannon, Suel G., to AMP Incorporated. Electrical connector having a coupling indicator. 4,497,530, 2-5-85, Cl. 339-89.00M.

Shannon, Suel G.: *See—*

Hall, Lawrence A.; Lightner, Linn S.; Long, William B.; Shannon, Suel G.; and Stahl, Daniel E., 4,493,525, Cl. 339-143.00R.

Shannon, William H.; and Sutton, Wesley D., Jr., to Game Time, Inc. Seat for recreational swing set. 4,524,966, 6-25-85, Cl. 272-85.000.

Shannon, William T.: *See—*

Decker, Ronald R.; and Shannon, William T., 4,533,962, Cl. 360-5.000.

Shanoski, Henry: *See—*

Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, 4,508,785, Cl. 428-424.400.

Cobbledick, David S.; Reichenbach, Donald F.; and Shanoski, Henry, 4,534,888, Cl. 252-511.000.

Shanton, Kenneth J., to Wiggins Teape Group Limited, The. Record material. 4,509,065, 4-2-85, Cl. 346-225.000.

Shanton, Kenneth J., to Wiggins Teape Group Limited, The. Process for the production of record material. 4,537,797, 8-27-85, Cl. 427-150.000.

Shap Kabushiki Kaisha: *See—*

Ohta, Kenji; Hirokane, Junji; Katayama, Hiroyuki; Takahashi, Akira; and Yamaoka, Hideyoshi, 4,544,443, Cl. 156-643.000.

Shape Inc.: *See—*

Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 4,506,846, Cl. 242-199.000.

Gelardi, Paul J.; and MacLeod, Robert B., Jr., 4,533,093, Cl. 242-197.000.

Gelardi, Paul J.; and MacLeod, Robert B., Jr., 4,540,090, Cl. 206-387.000.

Shapir, Ben A., to Avmat Computers Ltd. Page printer. 4,502,064, 2-26-85, Cl. 346-160.000.

Shapiro, Aron B.: *See—*

Antonov, Jury F.; Ioganson, Vadim I.; Tkachenko, Alexei S.; Chernyavsky, Vladimir P.; and Shapiro, Aron B., 4,496,870, Cl. 310-260.000.

Shapiro, Eugene; and Mandigo, Frank N., to Olin Corporation. Copper-tin alloys having improved wear properties. 4,511,410, 4-16-85, Cl. 148-13.200.

Shapiro, Jacov, to Beit Shemesh Engines Ltd. Gas turbine engines. 4,506,502, 3-26-85, Cl. 60-39.430.

Shapiro, Justin J.: *See—*

MacDermott, Bruce R.; and Shapiro, Justin J., 4,501,163, Cl. 73-864.130.

Shapiro, L. Dennis, to Lifeline Systems, Inc. Personal alarm system. 4,524,243, 6-18-85, Cl. 179-5.00R.

Shapiro, Rafael, to Du Pont de Nemours, E. I., and Company. Herbicidal ortho-(azinyl)-benzenesulfonamides. 4,494,980, 1-22-85, Cl. 71-92.000.

Shapiro, Rafael, to Du Pont de Nemours, E. I., and Company. Thiophene or furan herbicides. 4,547,217, 10-15-85, Cl. 71-93.000.

Shapiro, Seymour W., to Bivona Surgical Instruments, Inc. Tracheal tubes. 4,495,948, 1-29-85, Cl. 128-207.150.

Shapiro, Stanley: *See—*

Lee, Yung W.; Ling, Fu W.; and Shapiro, Stanley, 4,492,602, Cl. 148-11.50C.

Shapiro, Sumner, to Star Textile Research, Inc. Method and device for packaging and shipping high-loft batting. 4,522,556, 6-11-85, Cl. 414-786.000.

Shapiro, Theodore. Leg wrap. 4,538,602, 9-3-85, Cl. 128-132.000.

Shapiro, Wilbur; Graham, Richard W., II; and Anderson, Hugh G., Jr., to United States of America, Navy. Fluid equalized tilting pad thrust bearings. 4,544,285, 10-1-85, Cl. 384-99.000.

Shapland, Earl P.; and King, Patrick D., to USS Engineers & Consultants, Inc. Full throttle valve and method of tube and gate change. 4,545,512, 10-8-85, Cl. 222-600.000.

Shapland, Earl P., to Flo-Con Systems, Inc. Pressure fluid teeming valve and method. 4,556,157, 12-3-85, Cl. 222-600.000.

Shapland, James T., to Flo-Con Systems, Inc. Valve and replaceable collector nozzle. 4,561,573, 12-31-85, Cl. 222-600.000.

Shar Products Company: *See—*

Goldner, Richard, 4,506,582, Cl. 84-280.000.

Sharbaugh, Amandus H.: *See—*

Devins, John C.; and Sharbaugh, Amandus H., 4,522,065, Cl. 73-705.000.

Sharber, Jerry L., to Sheller-Globe Corporation. Bracket for securing adjustable shelving. 4,531,698, 7-30-85, Cl. 248-243.000.

Shariff, Sadiq A.; Bharteey, Brij M.; and Mehkri, Shahab A., to Westinghouse Electric Corp. Electric control center having integral air-ventilation system. 4,528,614, 7-9-85, Cl. 361-379.000.

Sharik, Clyde: *See—*

Le-Khac, Bi; and Sharik, Clyde, 4,522,983, Cl. 525-285.000.

Sharipov, Fyarit A.: *See—*

Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.

Sharkness, James E.: *See—*

Macur, George J.; Pratt, W. Robert; and Sharkness, James E., 4,512,900, Cl. 210-748.000.

Sharkozy, Frank L.; and Kiesler, James A., to Printing Developments, Inc. Photopolymer coated lithographic printing plate. 4,522,912, 6-11-85, Cl. 430-278.000.

Sharlow, Gary R.: *See—*

Niese, Leo J.; and Sharlow, Gary R., 4,520,853, Cl. 141-168.000.

Sharma, Ashok K. Fluorinated cellulose acetate polymers. 4,549,012, 10-22-85, Cl. 536-82.000.

Sharma, Bhavender P.: *See—*

Tennent, David L., and Sharma, Bhavender P., 4,522,924, Cl. 501-2.000.

Sharma, Devendra N. Reversible playing or performance area. 4,556,213, 12-3-85, Cl. 272-3.000.

Sharma, Gulab, to Beehive International. Cathode ray tube focusing circuitry. 4,555,649, 11-26-85, Cl. 315-382.000.

Sharma, Kris: *See—*

Kobiske, Michael; Voigt, William; and Sharma, Kris, 4,531,618, Cl. 188-321.110.

Sharma, Krishna R.: *See—*

Bhaduri, Sumit; Sharma, Krishna R.; and Kalpathi, Gopalkrishnan S., 4,491,670, Cl. 560-24.000.

Sharma, Rajeeva: *See—*

Stephansen, Erik; Sharma, Rajeeva; and Richie, Michael, 4,494,316, Cl. 34-68.000.

Sharma, Ram A., to General Motors Corporation. Decontamination of aluminum by chlorination. 4,525,212, 6-25-85, Cl. 75-68.00R.

Sharma, Shri C., to Warner-Lambert Company. Roasted coated nut product and process therefor. 4,522,833, 6-11-85, Cl. 426-93.000.

Sharman, Richard A.: *See—*

Watt, Peter B.; and Sharman, Richard A., 4,541,688, Cl. 350-171.000.

Sharon, Arie: *See—*

Melzi, Edward R.; and Sharon, Arie, 4,513,865, Cl. 206-508.000.

Melzi, Edward R.; and Sharon, Arie, 4,513,883, Cl. 222-83.000.

Sharon, Harold M., to United Technologies Corporation. Tool to produce a new angle on a fan blade. 4,550,497, 11-5-85, Cl. 30-169.000.

Sharon Manufacturing Company: *See—*

Hudson, Sharon J., Jr., 4,519,368, Cl. 123-468.000.

Sharp, Bernard C., to Parker-Hannifin Corporation. Wiper blade coupling structure. 4,503,580, 3-12-85, Cl. 15-250.320.

Sharp, Bernard C., to Parker-Hannifin Corporation. Rearview mirror positionable by remote control. 4,504,116, 3-12-85, Cl. 350-637.000.

Sharp, Bernard C., to Parker-Hannifin Corporation. Rear view mirror with reinforced ear member. 4,549,791, 10-29-85, Cl. 350-632.000.

Sharp, Bernard C.: *See—*

Viola, Frank J.; Schaub, Erwin L.; Sharp, Bernard C.; and Evans, Raymond J., 4,558,994, Cl. 417-295.000.

Sharp, Bruce R. External jacket system as secondary containment for storage tanks. 4,523,454, 6-18-85, Cl. 73-49.200.

Sharp, Bruce R. Storage tank systems. 4,524,609, 6-25-85, Cl. 73-49.200.

Sharp, Charles C.: *See—*

Jamison, Matthew; and Sharp, Charles C., 4,512,050, Cl. 6-1.000.

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Moran, David P. J.; and Sharp, David G., 4,513,017, Cl. 426-603.000.

Moran, David P. J.; and Sharp, David G., 4,515,825, Cl. 426-603.000.

Moran, David P. J.; Hepburn, John J.; and Sharp, David G., 4,555,411, Cl. 426-603.000.

Sharp, David L., to Simmonds Precision Products, Inc. Liquid level sensor using sonic methods. 4,545,245, 10-8-85, Cl. 73-290.00V.

Sharp Die & Mold Company, Inc., a subsidiary of R & R Plastic Material, Inc.: *See—*

Ruhl, Edward A., 4,500,275, Cl. 425-192.00R.

Sharp, Donald W., to Clack, Reynalda. Adjustable roof jack. 4,526,091, 7-2-85, Cl. 98-39.100.

Sharp, Gordon P.; Curtiss, William P.; and Yundt, George B., to IMEC Corporation. Fume hood controller. 4,528,898, 7-16-85, Cl. 98-115.300.

Sharp, H. Eugene; and Smither, Miles A., to NL Sperry-Sun, Inc. Borehole acoustic telemetry system with phase shifted signal. 4,562,559, 12-31-85, Cl. 367-82.000.

Sharp, Harper E., to Wilson Industries, Inc. Borehole survey instrument. 4,505,048, 3-19-85, Cl. 33-313.000.

Sharp, Harper E.; Spiegel, Leo; Masters, Richard M.; Frey, Elmer J.; Howatt, John R.; and Walker, Gary E., to Wilson Industries, Inc. Inertial borehole survey system. 4,537,067, 8-27-85, Cl. 73-151.000.

Sharp, James B.: *See—*

Lowrance, Thomas F.; and Sharp, James B., 4,513,856, Cl. 198-695.000.

Sharp, Jeffrey O.: *See—*

Rice, Paul D.; and Sharp, Jeffrey O., 4,557,095, Cl. 52-473.000.

Sharp, John, to Coal Industry (Patents) Limited. Mining installation equipment. 4,545,621, 10-8-85, Cl. 299-12.000.

Sharp, John B.: *See—*

Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., 4,512,016, Cl. 370-110.100.

Nici, Richard J.; Schramm, George W.; and Sharp, John B., 4,512,017, Cl. 370-110.100.

Peck, Stephen R.; and Sharp, John B., 4,534,023, Cl. 370-58.000.

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Aiba, Masahiko; Kuranishi, Masaaki; and Miyake, Hideyuki, 4,555,718, Cl. 346-140.00R.

Ando, Yuzi, 4,542,270, Cl. 219-10.55B.

Anzai, Shunju; and Imanaka, Yoshiaki, 4,542,981, Cl. 355-14.00E.

Arai, Nobushige, 4,495,939, Cl. 126-450.000.

Arai, Nobushige, 4,504,717, Cl. 219-10.55E.

Arai, Nobushige, 4,526,162, Cl. 126-450.000.

Arai, Nobushige, 4,560,620, Cl. 428-565.000.

Deguchi, Toshihisa; Ohta, Kenji; and Takahashi, Akira, 4,497,006, Cl. 360-114.000.

Fujiwara, Katsuyoshi, 4,547,062, Cl. 355-14.00R.

Funada, Fumiaki; and Shimizu, Keiichiro, 4,521,080, Cl. 350-341.000.

Funada, Fumiaki; Takamatsu, Toshiaki; Yasuda, Shuuhei; and Matsuura, Masataka, 4,549,174, Cl. 340-784.000.

Funada, Fumiaki; Matsura, Masataka; and Wada, Tomio, 4,556,287, Cl. 350-336.000.

Furubayashi, Hisatoshi; Tanaka, Junichi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,515,653, Cl. 156-643.000.

Furukawa, Toshio, 4,501,281, Cl. 128-680.000.

Furukawa, Toshio, 4,549,549, Cl. 128-680.000.

Hakaridani, Mitsuhiro; Iwahashi, Hiroyuki; and Nishioka, Yoshiki, 4,516,215, Cl. 364-513.500.

Hamada, Hiroshi; Take, Hiroshi; Yano, Kozo; and Inami, Yasuhiko, 4,505,021, Cl. 29-570.000.

Haneda, Isamu, 4,498,144, Cl. 364-900.000.

Haneda, Isamu; and Myooi, Tetsuo, 4,507,743, Cl. 364-709.000.

Haneda, Isamu; and Myooi, Tetsuo, 4,554,641, Cl. 364-710.000.

Hara, Takafumi, 4,511,906, Cl. 346-140.00R.

Hashimoto, Shintaro; Morimoto, Masafumi; Nakanishi, Tosaku; Yoshida, Hideo; and Yanagiuchi, Shigenobu, 4,493,050, Cl. 364-900.000.

Hashimoto, Shintaro; Masuzawa, Sigeaki; Shibata, Shinya; Tsuda, Hiroshi; and Nakano, Masahiro, 4,500,211, Cl. 368-63.000.

Hashimoto, Shintaro; Kotani, Yasuhiro; and Fujikawa, Yoshiyuki, 4,503,428, Cl. 340-792.000.

Hashimoto, Shintaro; and Tanimoto, Akira, 4,542,478, Cl. 364-900.000.

Hatta, Koichi; and Komeda, Kenichiro, 4,528,638, Cl. 364-709.000.

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Hayakawa, Toshiro; Miyauchi, Nobuyuki; Suyama, Takahiro; and Yano, Seiki, 4,545,057, Cl. 372-45.000.

Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,491,853, Cl. 346-76.0PH.

Hayashi, Motohiko; Karita, Toshiaki; Kotani, Matahira; and Sasaki, Hiromu, 4,560,992, Cl. 346-76.0PH.
Hibi, Hitoshi, 4,520,397, Cl. 358-168.000.
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Imanaka, Yoshiaki; and Kinashi, Hiroshi, 4,540,270, Cl. 355-3.00R.
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Ise, Masahiro; Tanaka, Hidehiko; and Machino, Katsuyuki, 4,528,677, Cl. 375-36.000.
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Ishii, Yutaka; Minezaki, Shigehiro; Kozaki, Shuichi; and Funada, Fumiaki, 4,528,115, Cl. 252-299.630.
Ishii, Yutaka; Funada, Fumiaki; Takamatsu, Toshiaki; and Tomio, Wada, 4,553,821, Cl. 350-339.00R.
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Kamuro, Setsufumi, 4,536,859, Cl. 365-154.000.
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Kanou, Ikuo; Yanagiuchi, Shigenobu; and Omori, Takuro, 4,541,069, Cl. 364-900.000.
Kasubuchi, Takeshi; Hara, Takeo; and Ozawa, Kaoru, 4,536,804, Cl. 360-4.000.
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Koyanagi, Katubumi; Take, Hiroshi; and Uede, Hisashi, 4,535,329, Cl. 340-785.000.
Kozaki, Shuichi; Ishii, Yutaka; and Funada, Fumiaki, 4,552,436, Cl. 350-337.000.
Masuda, Sinichi, 4,536,667, Cl. 307-592.000.
Minezaki, Shigehiro, 4,514,253, Cl. 156-659.100.
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Miyamae, Ryuichi, 4,510,943, Cl. 128-680.000.
Miyamae, Ryuichi; and Yasuda, Haruo, 4,558,707, Cl. 128-683.000.
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Miyoshi, Shuji; Sugihara, Takashi; and Hijikigawa, Masaya, 4,528,543, Cl. 338-35.000.
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Morino, Masuaki; Fujikawa, Yoshiyuki; Haneda, Isamu; and Myoi, Tetsuo, 4,531,194, Cl. 364-705.000.
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Nakamura, Takeshi; Okamoto, Seiji; and Hirayama, Kazuyoshi, 4,494,824, Cl. 350-334.000.
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Nishimura, Katsuji; and Yamamoto, Hachizou, 4,524,267, Cl. 235-379.000.
Nishimura, Katsuji; and Yamamoto, Hachizou, 4,532,417, Cl. 235-379.000.
Nishimura, Katsuji, 4,532,641, Cl. 377-14.000.
Nishimura, Toshio; and Morita, Akitaka, 4,523,858, Cl. 368-272.000.
Nishiyama, Haruo, 4,511,246, Cl. 355-75.000.
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Oka, Takashi, 4,520,583, Cl. 40-378.000.
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Sasaki, Takehiko; and Koyama, Tamotsu, 4,545,647, Cl. 350-331.00R.
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Takamatsu, Toshiaki; Funada, Fumiaki; Yasuda, Shuhei; and Matsuura, Masataka, 4,509,099, Cl. 361-413.000.
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Tanaka, Junichi; Furubayashi, Hisatoshi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,558,393, Cl. 361-286.000.
Tanaka, Shinichi; and Mineyama, Takitsugu, 4,533,837, Cl. 307-116.000.
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Washo, Junichi; Miyazaki, Takaaki; Ishii, Mitsuo; Nakayama, Muneo; Hashimoto, Akira; and Nishimura, Toshihiro, 4,527,865, Cl. 350-357.000.
Watanabe, Masanori; Furubayashi, Hisatoshi; Tanaka, Junichi; and Hijikigawa, Masaya, 4,496,931, Cl. 338-34.000.
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Yamauchi, Juichi, 4,547,643, Cl. 219-10.55R.
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Sharp, Larry L.; and Klosinski, Mark, to Illinois Tool Works Inc. Force transducer. 4,493,219, 1-15-85, Cl. 73-862.050.
Sharp, Leo A., Jr.: *See—*
  Mendelson, Richard N.; O'Neal, Douglas M.; and Sharp, Leo A., Jr., 4,514,823, Cl. 364-900.000.
Sharp, Lewis A., Jr.: *See—*
  Robinson, Thomas D.; Sharp, Lewis A., Jr.; and McAllister, George P., 4,491,990, Cl. 4-607.000.
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  Wilkinson, William R.; and Sharp, Russell G., 4,537,311, Cl. 206-529.000.
Sharp, Stanley O., to Schlumberger Technology Corporation. High density electronics packaging system for hostile environment. 4,547,833, 10-15-85, Cl. 361-386.000.
Sharp, William G., to Amerock Corporation. Remote window operating system. 4,544,865, 10-1-85, Cl. 318-53.000.
Sharp, William J.: *See—*
  Simashkevich, Richard M.; and Sharp, William J., 4,534,106, Cl. 29-613.000.
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  Wright, David B.; and Sharpe, Brian, 4,512,853, Cl. 204-1.00T.
Sharpe, Claude A.; and Ho, Cecil C., to Texas Instruments Incorporated. Automatic interference canceling apparatus. 4,539,566, 9-3-85, Cl. 343-389.000.
Sharpe, Jewett M. Endoscopic surgical instrument. 4,539,976, 9-10-85, Cl. 128-6.000.
Sharpe, Raymond; Griffiths, Trevor J.; and Hunt, Peter, to Lucas Industries Limited. Couplings. 4,537,578, 8-27-85, Cl. 464-31.000.
Sharpe, Robin, to U.S. Philips Corporation. Analog RC active filter. 4,560,963, 12-24-85, Cl. 333-172.000.
Sharper, Craig A., to AT&T Bell Laboratories. Digital code translator. 4,544,916, 10-1-85, Cl. 340-347.0DD.
Sharpless, Charles H.; and Van Slooten, Robert W., to AT&T Bell Laboratories. Parity checking arrangement. 4,546,475, 10-8-85, Cl. 371-49.000.
Sharpless, Charles H.: *See—*
  Chodrow, Mark M.; Sander, Bernard T., Jr.; Sharpless, Charles H.; and Theriot, Eugene J., 4,550,404, Cl. 370-110.100.
  Hudson, Robert C.; MacPherson, William F.; and Sharpless, Charles H., 4,499,532, Cl. 363-21.000.
Sharpless, John, to Nordson Corporation. Exteriorly mounted and positionable spray coating nozzle assembly. 4,543,909, 10-1-85, Cl. 118-326.000.

- Sharpless, John: *See—*
  - Kennon, James L.; Sieminski, Richard; Sharpless, John; and Scharf, Donald, 4,538,542, Cl. 118-302.000.
- Sharpless, Karl B.; and Johnson, Roy A., to Massachusetts Institute of Technology. Metal-mediated halohydrin formation. 4,560,811, 12-24-85, Cl. 568-848.000.
- Sharps, Gordon V., Jr., to Mobil Oil Corporation. Method of forming a blocked cross-plied polymer film. 4,496,413, 1-29-85, Cl. 156-244.130.
- Sharps, Gordon V., Jr., to Mobil Oil Corporation. Method and apparatus for the production of a high-strength, tear-resistant polymer composite. 4,519,860, 5-28-85, Cl. 156-161.000.
- Sharps, Gordon V., Jr., to Mobil Oil Corporation. Method for forming a laminated film containing different polymer layers. 4,522,675, 6-11-85, Cl. 156-244.110.
- Sharps, Gordon V., Jr., to Mobil Oil Corporation. Integral film tear strip. 4,522,854, 6-11-85, Cl. 428-43.000.
- Sharygin, Nikolai V.: *See—*
  - Gorodetsky, Alexandr A.; Gromov, Nikolai N.; Kulzhinsky, Vladimir L.; Marus, Rudolf A.; Ryskin, Solomon E.; Samoilov, Pavel B.; Shamov, Alexandr N.; Sharygin, Nikolai V.; and Kireev, Ivan N., 4,490,922, Cl. 34-1.000.
- Shasta Industries, Inc.: *See—*
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- Shatterproof Glass Corporation: *See—*
  - Innis, David T., 4,519,885, Cl. 204-192.00R.
  - McKelvey, Harold E., 4,545,882, Cl. 204-192.00R.
- Shattuck, Meredith D., to International Business Machines Corporation. Correctable thermal transfer printing ribbon. 4,547,088, 10-15-85, Cl. 400-241.100.
- Shaub, Melvin H.: *See—*
  - Ollinger, James C.; and Shaub, Melvin H., 4,554,718, Cl. 29-155.00R.
- Shauger, Herbert A., to Fischer & Porter Company. Computer data bus compatible current and frequency output system. 4,562,547, 12-31-85, Cl. 364-484.000.
- Shaulov, Avner, to North American Philips Corporation. Broad band pyroelectric infrared detector. 4,501,967, 2-26-85, Cl. 250-338.000.
- Shaulov, Avner: *See—*
  - Rao, N. Vasanth; and Shaulov, Avner, 4,495,441, Cl. 313-388.000.
- Shaver, Donald L.: *See—*
  - Muirhead, Robert C., Jr.; and Shaver, Donald L., 4,513,532, Cl. 47-58.000.
- Shaver, Larry D. Antenna luggage rack. 4,535,336, 8-13-85, Cl. 343-713.000.
- Shaver Manufacturing Co.: *See—*
  - Helmick, James L., 4,544,176, Cl. 280-481.000.
- Shaver, Marvin B.; and Guerguerian, Rhual L., to Dominion Engineering Works Limited. Mill load sensing system. 4,561,599, 12-31-85, Cl. 241-34.000.
- Shaver, Michael O., to BDM Corporation, The. Method and apparatus for data communications over local area and small area networks. 4,561,092, 12-24-85, Cl. 370-89.000.
- Shavit, Amos: *See—*
  - Gorney, Moshe; Lerner, Michael; and Shavit, Amos, 4,540,125, Cl. 239-232.000.
- Shaw, Arthur W.; and Gepner, Isadore, to Pittway Corporation. Security interface system for a door, window or the like. 4,556,765, 12-3-85, Cl. 200-61.710.
- Shaw, Charles R., to Esmet, Inc. Rope clamp construction. 4,509,233, 4-9-85, Cl. 24-136.00R.
- Shaw, Chia-Cheng: *See—*
  - Wolfe, Saul; and Shaw, Chia-Cheng, 4,514,333, Cl. 260-239.00A.
- Shaw, Chong-Kuang, to B. F. Goodrich Company, The. Purification of mercaptobenzothiazole. 4,515,957, 5-7-85, Cl. 548-177.000.
- Shaw, Daniel, to General Motors Corporation. Stationary continuous automatic pouring apparatus. 4,509,578, 4-9-85, Cl. 164-155.000.
- Shaw, Dave H.: *See—*
  - Arcuri, Kym B.; Mauldin, Charles H.; and Shaw, Dave H., 4,558,030, Cl. 502-325.000.
- Shaw, David G.: *See—*
  - Lee, Edward A.; and Shaw, David G., 4,523,311, Cl. 370-69.100.
- Shaw, David H.; and Hall, Ralph R., to Exxon Research & Engineering Co. Dewaxing waxy oil by dilution chilling employing static mixing means. 4,514,280, 4-30-85, Cl. 208-33.000.
- Shaw, David H.: *See—*
  - Achia, Biddanda U.; Shaw, David H.; and Bushnell, James D., 4,522,710, Cl. 208-349.000.
- Shaw, David N., to Dunham-Bush, Inc. Temperature and pressure actuated capacity control system for air conditioning system. 4,495,778, 1-29-85, Cl. 62-209.000.
- Shaw, David N., to Dunham-Bush, Inc. Oil atomizing compressor working fluid cooling system for gas/vapor/helical screw rotary compressors. 4,497,185, 2-5-85, Cl. 62-468.000.
- Shaw, Earl D.: *See—*
  - Patel, Chandra K. N.; and Shaw, Earl D., 4,529,942, Cl. 330-4.300.
- Shaw, Frank W.: *See—*
  - Thayer, Timothy Z.; and Shaw, Frank W., 4,501,118, Cl. 60-301.000.
  - Thayer, Timothy Z.; and Shaw, Frank W., 4,536,371, Cl. 422-171.000.
- Shaw, Gerard J.: *See—*
  - Mehrotra, Deepak; Shaw, Gerard J.; Go, Jok Y.; and Kant, Rajni, 4,512,076, Cl. 29-578.000.
- Shaw, Herbert J.; and Bergh, Ralph A., to Leland Stanford Junior University, The Board of Trustees of the. Fiber optic directional coupler. 4,493,528, 1-15-85, Cl. 350-96.150.
- Shaw, Herbert J.; Newton, Steven A.; Bowers, John E.; and Jackson, Kenneth P., to Leland Stanford Junior University, The Board of Trustees of the. Fiber optic word generator. 4,495,656, 1-22-85, Cl. 455-608.000.
- Shaw, Herbert J.; Chodorow, Marvin; and Digonnet, Michel J. F., to Leland Stanford Junior University, The Board of Trustees of the. Fiber optic amplifier. 4,515,431, 5-7-85, Cl. 350-96.150.
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- Shaw, Herbert J.; and Bergh, Ralph A., to Leland Stanford Junior University, The Board of Trustees of the. Method of manufacturing a fiber optic directional coupler. 4,536,058, 8-20-85, Cl. 350-320.000.
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- Shaw, Herbert J.: *See—*
  - Pavlath, George A.; and Shaw, Herbert J., 4,529,312, Cl. 356-350.000.
  - Stokes, Loren F.; Shaw, Herbert J.; and Chodorow, Marvin, 4,530,097, Cl. 372-6.000.
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- Shaw, Lendon J. Weathershield and safety screen for opening windows in buildings. 4,545,148, 10-8-85, Cl. 49-50.000.
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  - Anderton, Kenneth; Hall, Nigel; Parton, Brian; Renfrew, Andrew H. M.; and Shaw, Malcolm G., 4,512,773, Cl. 8-657.000.
- Shaw, Myron J. Firearm with interchangeable barrels. 4,519,156, 5-28-85, Cl. 42-77.000.
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- Shaw, Seth T., Jr. IUD arrangement. 4,495,934, 1-29-85, Cl. 128-130.000.
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- Shealy, James B., to Allied Corporation. Apparatus for removing cut staple. 4,535,663, 8-20-85, Cl. 83-100.000.
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- Sheets, Duane R., to Electronic Data Systems Corporation. Local area network. 4,513,373, 4-23-85, Cl. 364-200.000.
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  - Dejaifve, Pierre E.; and Quillaud, Gerard, 4,524,058, Cl. 423-656.000.
  - DerMott, Raymond W.; and Hartwein, Kenneth J., 4,496,009, Cl. 175-4.520.
  - Devlin, Barry R. J., 4,555,260, Cl. 71-88.000.
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  - Diaz, Zaida, 4,492,593, Cl. 62-18.000.
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  - Diaz, Zaida, 4,508,693, Cl. 423-236.000.
  - Diaz, Zaida, 4,515,764, Cl. 423-573.00R.
  - Diaz, Zaida, 4,518,576, Cl. 423-573.00R.
  - Diaz, Zaida, 4,547,619, Cl. 585-824.000.
  - Dilgren, Richard E.; and Ritter, Paul B., 4,532,993, Cl. 166-303.000.
  - Dodd, Paul L., 4,553,776, Cl. 285-212.000.
  - Dong, Walter; and Petty, Walter L., 4,554,102, Cl. 260-112.50R.
  - Drent, Eit, 4,536,354, Cl. 260-549.000.
  - Drent, Eit, 4,562,284, Cl. 562-406.000.
  - Dries, Hubertus W. A. A., 4,531,570, Cl. 165-1.000.
  - Drozd, Jan W.; and Bailey, Maureen L., 4,560,657, Cl. 435-123.000.
  - Durbin, Daniel P.; and Lutz, Robert G., 4,491,648, Cl. 525-89.000.
  - Durbin, Daniel P.; Lutz, Robert G.; and Danforth, Richard L., 4,493,919, Cl. 524-505.000.

Durbin, Daniel P.; and Korcz, William H., 4,511,696, Cl. 525-92.000.
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Goodall, Brian L.; and Job, Robert C., 4,548,915, Cl. 502-104.000.
Grondman, Alexander, 4,498,629, Cl. 239-434.500.
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Pilgram, Kurt H.; and Skiles, Richard D., 4,554,283, Cl. 514-364.000.
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Shemenski, Robert M.; Kim, Dong K.; and Starinshak, Thomas W., to Goodyear Tire & Rubber Company, The. Method of making and using ternary alloy coated steel wire. 4,545,834, 10-8-85, Cl. 156-124.000.

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Shemwell, David M., to Perkin-Elmer Corporation, The. Holographic figure sensor. 4,536,086, 8-20-85, Cl. 356-348.000.

Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P. Gold-plating electrolyte and process for preparing same. 4,497,696, 2-5-85, Cl. 204-46.00G.

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Shen, Ming; and McAfee, Richard C., to SWS Silicones Corporation. Process for preparing a one-component organopolysiloxane composition. 4,546,164, 10-8-85, Cl. 528-15.000.

Shen, Tsung-Ying; Jones, Howard; and Dorn, Conrad P., to Merck & Co., Inc. Anti-inflammatory 2-methyl-3-hydroxy-4-alkenoylthiomethyl-5-vinyl-pyridine derivatives. 4,546,106, 10-8-85, Cl. 514-345.000.

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Shenberger, Paul S.; Walker, James D.; and Campbell, Willis R., to Sperry Corporation. Twine cut and clamp mechanism for a roll baling machine. 4,505,197, 3-19-85, Cl. 100-5.000.

Sheng, Ping; and Stepleman, Robert S., to Exxon Research & Engineering Co. Solar cell with two-dimensional reflecting diffraction grating. 4,493,942, 1-15-85, Cl. 136-259.000.

Sheng, Ping; and Bloch, Aaron N., to Exxon Research & Engineering Co. Solar cell with two-dimensional hexagonal reflecting diffraction grating. 4,536,608, 8-20-85, Cl. 136-259.000.

Sheng, Shih Y.; and York, Ray A., to Parker-Hannifin Corporation. Force motor with ball mounted armature. 4,525,695, 6-25-85, Cl. 335-262.000.

Sheng, Wang. Stapling gun. 4,552,296, 11-12-85, Cl. 227-109.000.

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Shenoy, Thirthahalli A.; and Losin, Martha S., to Air Products and Chemicals, Inc. Split-column extractive distillation. 4,556,404, 12-3-85, Cl. 62-17.000.

Shenvi, Ashokkumar B.; and Kettner, Charles A., to Du Pont de Nemours, E. I., and Company. α-Aminoboronic acid peptides. 4,499,082, 2-12-85, Cl. 514-2.000.

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Pliskin, William A.; Riseman, Jacob; and Shepard, Joseph F., 4,506,435, Cl. 29-576.00W.

Shepard, Kenneth L., to Merck & Co., Inc. 5-[phenylsulfonyl(or sulfinyl)]thiophene-2-sulfonamides for the topical treatment of elevated intraocular pressure. 4,542,152, 9-17-85, Cl. 514-445.000.

Shepard, Kenneth L.; and Graham, Samuel L., to Merck & Co., Inc. 2-sulfamoylbenzo[b]furan derivatives for the treatment of elevated intraocular pressure. 4,544,667, 10-1-85, Cl. 514-470.000.

Shepard, Mark E.: *See—*

Kenny, Garry R.; Sommer, Edward J., Jr.; and Shepard, Mark E., 4,541,530, Cl. 209-571.000.

Shepard, Roderick C.: *See—*

Bethoon, Walter D.; and Shepard, Roderick C., 4,506,688, Cl. 135-107.000.

Shepard, Steve A.: *See—*

Haag, George A.; Fogg, O. Douglas; Greenley, Gordon A.; Shepard, Steve A.; and Terry, F. Duncan, 4,495,599, Cl. 364-900.000.

Sheperd, Ervin M.: *See—*

Dieringer, Andrew M.; and Sheperd, Ervin M., 4,538,793, Cl. 254-18.000.

Shephard, Robin G., to John Wyeth & Brother Limited. Process for preparing cyano derivatives of tetrahydroquinolines and related compounds. 4,529,798, 7-16-85, Cl. 546-93.000.

Shepherd, C. Barrett, to C. E. Shepherd Company, Inc. Shellfish trap. 4,509,288, 4-9-85, Cl. 43-102.000.

Shepherd, Charles E. Repair pad and nozzle for cooling tower. 4,501,708, 2-26-85, Cl. 261-111.000.

Shepherd, Charles G.; and Chapman, David, to Chas. Chapman Company Limited, The. Book holder. 4,561,623, 12-31-85, Cl. 248-447.000.

Shepherd, David, to Imperial Chemical Industries PLC. Chromatography columns. 4,497,711, 2-5-85, Cl. 210-656.000.

Shepherd, David, to Imperial Chemical Industries PLC. Feeder for centrifugal apparatus. 4,534,754, 8-13-85, Cl. 494-37.000.

Shepherd, Freeman D., Jr.; Pellegrini, Paul W.; Ludington, Charlotte E.; and Weeks, Melanie M., to United States of America, Air Force. Self-guarding Schottky barrier infrared detector array. 4,531,055, 7-23-85, Cl. 250-211.00J.

Shepherd, Gary D.: *See—*

Mullen, Charles K.; Shepherd, Gary D.; Fernandez, Ramon B.; and Bergren, Kenneth B., 4,507,272, Cl. 423-447.400.

Shepherd, John V., to Letraset Limited. Production of artwork. 4,544,430, 10-1-85, Cl. 156-235.000.

Shepherd, Lawrence H., Jr., to Ethyl Corporation. Caged compounds and their synthesis. 4,499,290, 2-12-85, Cl. 549-354.000.

Shepherd, Robert G. Fluid pressure repeating pistol with unitary barrel and hammer assembly. 4,531,503, 7-30-85, Cl. 124-76.000.

Shepherd, Robert G.; and Upeslacis, Janis, to American Cyanamid Company. Aralkanamidophenyl compounds. 4,536,346, 8-20-85, Cl. 260-465.00D.

Shepherd, Robin G., to John Wyeth & Brother Limited. Preparation of tetrahydroquinolines and related compounds. 4,526,970, 7-2-85, Cl. 546-169.000.

Shepherd, Thomas I.: *See—*

Bowersox, Bruce V.; and Shepherd, Thomas I., 4,512,430, Cl. 177-163.000.

Shepherd, Wayne P.: *See—*

Suarez, Jose I.; Irwin, James S.; and Shepherd, Wayne P., 4,559,505, Cl. 331-1.00A.

Shepler, Eric F.; and Knapp, Anthony W., to Allied Corporation. Anti-decoupling mechanism for an electrical connector assembly. 4,508,408, 4-2-85, Cl. 339-89.00M.

Shepler, Eric F.: *See—*

Brush, Robert W., Sr.; Luca, Vincent A., Jr.; and Shepler, Eric F., 4,502,748, Cl. 339-89.00M.

Brush, Robert W., Sr.; and Shepler, Eric F., 4,519,661, Cl. 339-89.00M.

Piscitelli, R. Amelia; Hemmer, Valentine J.; and Shepler, Eric F., 4,493,527, Cl. 339-258.00R.

Shepler, John E., to Sundstrand Corporation. Data converter and line driver for a digital data communication system. 4,543,496, 9-24-85, Cl. 307-261.000.

Sheppard, Christine M.; Puxley, David C.; Banks, Reginald G. S.; and McKenzie, Donald, to British Gas Corporation. Catalysts. 4,546,091, 10-8-85, Cl. 502-84.000.

Sheppard, Clyde H.: *See—*

Lubowitz, Hyman R.; and Sheppard, Clyde H., 4,536,559, Cl. 528-170.000.

Lubowitz, Hyman R.; and Sheppard, Clyde H., 4,547,553, Cl. 525-384.000.

Sheppard, Donald A.: *See—*

Prosan, Richard; Hair, James M., III; and Sheppard, Donald A., 4,525,805, Cl. 364-900.000.

Sheppard, Douglas P., to Mostek Corporation. Multi-bit read only memory circuit. 4,495,602, 1-22-85, Cl. 365-104.000.

Sheppard Douglas P., to Mostek Corporation. Method of making MOS read only memory by specified double implantation. 4,549,336, 10-29-85, Cl. 29-576.00B.

Sheppard, Howard H. Method and structure of individually shielded, relay, pickup and holding coils, to reduce the effects of external and internal transients. 4,556,859, 12-3-85, Cl. 335-301.000.

Sheppard, Ian J.: *See—*

Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., 4,513,728, Cl. 123-527.000.

Sheppard, John E., to Sperry Corporation. Method of forming a low temperature multilayer photoresist lift-off pattern. 4,533,624, 8-6-85, Cl. 430-312.000.

Sheppard, John P.: *See—*

McCaffrey, David J. A.; and Sheppard, John P., 4,528,107, Cl. 252-61.000.

Sheppard, Joseph R., to True Dimension Inc. Portable winch. 4,552,340, 11-12-85, Cl. 254-358.000.

Sheppard, Mark T.; and Timbers, Lynda J. Modified angle, bias crotch, front pocket pants. 4,494,250, 1-22-85, Cl. 2-227.000.

Sheppard, Peter H. Power steering gear with balanced valve. 4,513,654, 4-30-85, Cl. 91-378.000.

Sheppard, Roy J. P.; Thornhill, Howard S.; and Francis, Mark S., to Toronto General Burying Grounds, The Trustees of the. Monument foundation digger. 4,497,608, 2-5-85, Cl. 414-726.000.

Sheppard, William D.: *See—*

Walter, Gerard O.; and Sheppard, William D., 4,513,390, Cl. 364-900.000.

Sheps, Martin I.: *See—*

Castner, John F., Sr.; and Sheps, Martin I., 4,513,642, Cl. 81-52.000.

Shepter, Joseph J., to Scientific Circuitry, Inc. Logic circuit building block and systems constructed from same. 4,517,474, 5-14-85, Cl. 307-272.00R.

Sher, Arden; and Mooney, John B., to Savin Corporation. Lead-cadmium-sulphide solar cell. 4,529,832, 7-16-85, Cl. 136-260.000.

Sher, Frank T.: *See—*

Balchunis, Robert J.; and Sher, Frank T., 4,532,185, Cl. 428-447.000.

Sherburne, Arthur E.: *See—*

Blanchard, Robert L.; Sherburne, Arthur E.; and Williams, Robert A., 4,528,839, Cl. 73-1.00H.

Sherburne Corporation: *See—*

Avery, Joseph J., 4,516,722, Cl. 239-14.000.

Sherby, James E., to PPG Industries, Inc. Pattern cutter. 4,495,845, 1-29-85, Cl. 83-886.000.

Sherby, Oleg D.; and Oyama, Toshimasa, to Leland Stanford Junior University, The Board of Trustees of the. Ultra high carbon steel alloy and processing thereof. 4,533,390, 8-6-85, Cl. 75-126.00Q.

Sherby, Oleg D.: *See—*

Ruano, Oscar; Wadsworth, Jeffrey; and Sherby, Oleg D., 4,492,671, Cl. 419-48.000.

Sherer, Jimmie B.: *See—*

Westphal, Glenn H.; and Sherer, Jimmie B., 4,522,791, Cl. 422-249.000.

Sherer, Robert B.: *See—*

Brenner, Robert A.; and Sherer, Robert B., 4,555,919, Cl. 68-134.000.

Sherer, Roger L. Flowable material measuring apparatus. 4,507,604, 3-26-85, Cl. 324-71.100.

Sherer, William P.: *See—*

Haynes, Kenton L.; Sherer, William P.; Greene, Hugh W.; Holder, James D.; and Roberts, Thomas G., 4,514,684, Cl. 324-120.000.

Sherex Chemical Company, Inc.: *See—*

Earl, Gary W.; and Hickman, Howard M., 4,504,666, Cl. 546-345.000.

Keys, Robert O., 4,504,385, Cl. 209-166.000.

Widder, Charles R.; and Wozniak, Don S., 4,504,652, Cl. 528-480.000.

Shergov, Igor V.: *See—*

Voronin, Felix V.; Shergov, Igor V.; Gorb, Vyacheslav F.; and Sidorov, Viktor V., 4,491,715, Cl. 219-74.000.

Sheridan, Anthony A., to United States of America, Navy. Dual capability piezoelectric shaker. 4,495,433, 1-22-85, Cl. 310-329.000.

Sheridan, Dan P.: *See—*

McKinley, Mark J.; and Sheridan, Dan P., 4,500,670, Cl. 524-445.000.

Sheridan, Denise, to Sebel Operations Pty. Ltd. Article of furniture. 4,522,446, 6-11-85, Cl. 297-377.000.

Sheridan, Douglas: *See—*

Hamy, Norbert; Nutt, Phillip; and Sheridan, Douglas, 4,559,723, Cl. 36-102.000.

Sheridan, Richard B.; and Bogue, Robert W., to Gabriel Microwave Systems, Limited. Vibration sensing probe. 4,502,332, 3-5-85, Cl. 73-661.000.

Sheridan, Roger D.: *See—*

DeWerth, Douglas W.; and Sheridan, Roger D., 4,525,141, Cl. 431-347.000.

Sheridon, Nicholas K.; and Berkovitz, Michael A., to Xerox Corporation. Modulation structure for fluid jet assisted ion projection printing apparatus. 4,524,371, 6-18-85, Cl. 346-159.000.

Sheridon, Nicholas K., to Xerox Corporation. Fluid jet assisted ion projection and printing apparatus. 4,538,163, 8-27-85, Cl. 346-155.000.

Sherif, Fawzy G.; Majewski, Helmut W.; and Via, Francis A., to Stauffer Chemical Company. Dicalcium phosphate dihydrate having improved monofluorophosphate compatibility and process for the preparation thereof. 4,496,527, 1-29-85, Cl. 423-309.000.

Sherif, Fawzy G.; and Michaels, Edwin S., to Stauffer Chemical Company. Fast-setting cements from solid phosphorus pentoxide containing materials. 4,505,752, 3-19-85, Cl. 106-85.000.

Sheriff, Merle M., to Hydraulic Technology Corporation. Double acting telescopic cylinder construction. 4,516,468, 5-14-85, Cl. 91-169.000.

Sheriff, Merle M., to Hydraulic Technology Corporation. Telescopic cylinder construction. 4,541,325, 9-17-85, Cl. 92-52.000.

Sherk, Fred T.; and Inkrott, Janet L., to Phillips Petroleum Company. Diluent and inert gas recovery from a polymerization process. 4,501,885, 2-26-85, Cl. 528-501.000.

Sherk, Fred T.; Nesheiwat, Afif M.; and Senatore, Guy, to Phillips Petroleum Company. Granular poly(arylene sulfide) recovery using evaporation. 4,524,200, 6-18-85, Cl. 528-388.000.

Sherk, Fred T.: *See—*
- Cleary, James W.; Sherk, Fred T.; and Nesheiwat, Afif M., 4,510,316, Cl. 548-555.000.
- Nesheiwat, Afif M.; and Sherk, Fred T., 4,529,818, Cl. 562-553.000.

Sherlock, Margaret H., to Schering Corporation. 1-phenyl-1,8-naphthridin-2(1H)-ones. 4,492,702, 1-8-85, Cl. 424-256.000.

Sherlock, Margaret H., to Schering Corporation. Composition containing 1-phenyl-1,8-naphthridin-2(1H)-ones and a non-steroidal anti-inflammatory drug. 4,551,463, 11-5-85, Cl. 514-300.000.

Sherman, Benjamin F., Jr. Ball-like construction for a toy or the like. 4,551,111, 11-5-85, Cl. 446-120.000.

Sherman, Benjamin F., Jr.; and Francis, Samuel. Three-dimensional sliding element puzzle. 4,557,484, 12-10-85, Cl. 273-153.00S.

Sherman, Charles F., to Nielsen Moulding Design Corporation. Anti-theft frame hanging system. 4,499,679, 2-19-85, Cl. 40-152.100.

Sherman, Charles F., to Nielsen Moulding Design Corporation. Framing system. 4,547,986, 10-22-85, Cl. 40-155.000.

Sherman, Clarence A., to ZSI, Inc. Tubing clamp and method of making the same. 4,516,296, 5-14-85, Cl. 24-279.000.

Sherman, Daniel A. Tamper-proof rodent bait station. 4,541,198, 9-17-85, Cl. 43-131.000.

Sherman, David M., to John Fluke Mfg. Co., Inc. Apparatus for digitally controlled calibration of frequency response of amplifiers. 4,510,454, 4-9-85, Cl. 330-2.000.

Sherman, Earle C., to Manville Service Corporation. Method of gluing end flaps of a package in an in-line packaging machine. 4,503,659, 3-12-85, Cl. 53-491.000.

Sherman, Earle C.; and Green, James B. P., Jr., to Johns-Manville Corporation; and Southern Tool Company, Inc. Sleeve carton end panel and flap folding and sealing assembly. 4,519,181, 5-28-85, Cl. 53-374.000.

Sherman, Frank E. Hinge template guide with holding pins. 4,501,308, 2-26-85, Cl. 144-144.500.

Sherman, Guy J., to Sherman Laboratories, Inc. Soft contact lens preservative system, prophylactic cleaner and method. 4,510,065, 4-9-85, Cl. 252-106.000.

Sherman, Guy J., to Sherman Laboratories, Inc. Soft contact lens wetting solution containing preservative system and method. 4,529,535, 7-16-85, Cl. 252-106.000.

Sherman, Guy J., to Sherman Laboratories, Inc. Contact lens preservative system cleaner and method. 4,543,200, 9-24-85, Cl. 252-106.000.

Sherman, Guy J., to Sherman Laboratories, Inc. Soft contact lens ambient temperature disinfectant and rinsing solution and method. 4,551,461, 11-5-85, Cl. 514-275.000.

Sherman, Guy J., to Sherman Laboratories, Inc. Soft contact lens wetting solution and in-eye comfort solution containing preservative and method. 4,560,491, 12-24-85, Cl. 252-106.000.

Sherman, James E.: *See—*
- Barkhau, Marvin L.; Perry, Philip D.; Poundstone, Donald H.; and Sherman, James E., 4,515,614, Cl. 65-29.000.

Sherman, John D.: *See—*
- Chao, Chien C.; and Sherman, John D., 4,516,566, Cl. 127-46.300.
- Chao, Chien C.; and Sherman, John D., 4,544,778, Cl. 568-872.000.
- Ross, Ronald J.; and Sherman, John D., 4,556,550, Cl. 423-328.000.

Sherman Laboratories, Inc.: *See—*
- Sherman, Guy J., 4,510,065, Cl. 252-106.000.
- Sherman, Guy J., 4,529,535, Cl. 252-106.000.
- Sherman, Guy J., 4,543,200, Cl. 252-106.000.
- Sherman, Guy J., 4,551,461, Cl. 514-275.000.
- Sherman, Guy J., 4,560,491, Cl. 252-106.000.

Sherman, Leonard H.; Swartz, James R.; and Williams, James M., to Genentech, Inc. Computer controlled motor. 4,554,499, 11-19-85, Cl. 318-696.000.

Sherman, Michael I.; Elmore, Carl L.; and Brison, Robert J., to Kamyr, Inc. Leaching and washing a flocculated slurry having a fiber content. 4,501,721, 2-26-85, Cl. 423-27.000.

Sherman, Michael I., to Kamyr, Inc. Hot water drying of low rank coal. 4,536,969, 8-27-85, Cl. 34-9.000.

Sherman, Michael I.; and Phillips, Joseph R., to Kamyr, Inc. Method of withdrawing liquid from a pair of vertically spaced annular screens. 4,547,264, 10-15-85, Cl. 162-37.000.

Sherman, Michael I.; Elmore, Carl L.; and Brison, Robert J., to Kamyr, Inc. Leaching and washing a flocculated slurry having a fiber content. 4,557,905, 12-10-85, Cl. 423-27.000.

Sherman, Morton: *See—*
- Berry, James A.; and Sherman, Morton, 4,494,343, Cl. 52-309.110.
- Berry, James A.; Sherman, Morton; and Stevenson, John W., 4,516,879, Cl. 405-132.000.

Sherman, Ralph A., II; and Watson, Calvin R., to E-Z P.A.C., Inc. Reusable shipping box with cam tabs for release of closure interlock. 4,535,929, 8-20-85, Cl. 229-39.00R.

Sherman, Randy J.; and Hanson, Derald F., to Lincoln Laser Company. Optical beam pulse generator. 4,509,819, 4-9-85, Cl. 350-6.700.

Sherman, Randy J.; and Hanson, Derald F., to Lincoln Laser Company. Apparatus with two input beams for generating optical scans. 4,537,465, 8-27-85, Cl. 350-68.000.

Sherman, Richard H.: *See—*
- Gable, Melvin G.; Sherman, Richard H.; and Yuan, Fumin, 4,550,402, Cl. 370-85.000.

Sherman, Richard W. Radiator air intake filtering system. 4,505,330, 3-19-85, Cl. 165-119.000.

Sherman, Robert H.: *See—*
- McMullen, John W.; Wheeler, Michael G.; Cullingford, Hatice S.; and Sherman, Robert H., 4,497,775, Cl. 422-159.000.

Sherman, William E., II; and Behrmann, Edgar A., to Allied Corporation. Single pin universal joint. 4,560,368, 12-24-85, Cl. 464-112.000.

Shernoff, Donald, to Singer Company, The. Dither compensator for ring laser gyroscope. 4,536,087, 8-20-85, Cl. 356-350.000.

Sherrard, Muriel. Compact ornament. 4,537,806, 8-27-85, Cl. 428-7.000.

Sherrard, Perry O.: *See—*
- Bloom, Phyllis R.; and Sherrard, Perry O., 4,559,903, Cl. 119-19.000.

Sherrick, George O.; and Rosenthal, Joseph R., to Rockwell International Corporation. System and method for producing cured composites. 4,560,428, 12-24-85, Cl. 156-94.000.

Sherrill, Jimmy L., to Tutco, Inc. Insulator for an electric heater. 4,531,017, 7-23-85, Cl. 174-138.00J.

Sherrill, Jimmy L.: *See—*
- Howard, H. Keith; and Sherrill, Jimmy L., 4,559,412, Cl. 174-138.00J.

Sherritt Gordon Mines Limited: *See—*
- Bolton, Gerald L.; and Weir, Donald R., 4,510,028, Cl. 204-119.000.
- Silins, Vilnis; and Tameling, Jerome H., 4,547,985, Cl. 37-118.00R.
- Weir, Donald R.; Masters, Ian M.; and Bolton, Gerald L., 4,505,744, Cl. 75-120.000.
- Weir, Donald R.; Masters, Ian M.; Doyle, Barry N.; and Chalkley, Michael E., 4,545,963, Cl. 423-26.000.

Sherritt, William C.: *See—*
- Giles, George B.; Ross, Donald B.; McCallion, Joseph J.; and Sherritt, William C., 4,545,759, Cl. 431-344.000.

Sherrow, Lionel, to Budd Company, The. Emergency release handle. 4,497,512, 2-5-85, Cl. 292-92.000.

Sherry, Howard S.: *See—*
- Cambell, Thomas C.; Sherry, Howard S.; Schweiker, George C.; Falcone, James S., Jr.; and Sams, Robert H., deceased, 4,528,276, Cl. 502-62.000.

Sherva-Parker, Carole J. Amputation apparatus. 4,547,912, 10-22-85, Cl. 623-16.000.

Sherwin, Dewayne J., to Coburn Optical Industries, Inc. Lens finishing apparatus. 4,510,717, 4-16-85, Cl. 51-58.000.

Sherwin, James S., to National Semiconductor Corporation. Fiber optics heat formed assembly. 4,515,432, 5-7-85, Cl. 350-96.200.

Sherwin, Martin B.; and Blouin, John J., to W. R. Grace & Co. Process for preparing L-aspartic acid. 4,560,653, 12-24-85, Cl. 435-109.000.

Sherwin, Martin B.: *See—*
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,517,392, Cl. 568-948.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,517,393, Cl. 568-948.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,517,394, Cl. 568-948.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,524,226, Cl. 562-948.000.

Sherwin-Williams Company, The: *See—*
- D'Errico, Michael J., 4,522,785, Cl. 422-12.000.
- Druetzler, Thomas W., 4,560,494, Cl. 252-182.000.
- Mels, Sherman J.; Petrie, Brian C.; and Pokusa, Richard J., 4,561,952, Cl. 204-181.700.
- Pinto, Joseph G., 4,517,700, Cl. 15-105.000.

Sherwood, Bob E.: *See—*
- Revici, Emanuel; Sherwood, Bob E.; Benecke, Herman P.; Rice, John M.; and Geisler, Richard W., 4,513,008, Cl. 514-560.000.

Sherwood, Charles H., to Hughes Aircraft Company. Flexible air permeable non-woven fabric filters. 4,540,625, 9-10-85, Cl. 428-283.000.

Sherwood, Cy E.: *See—*
- Dyce, John W.; Waters, Edwin R.; and Sherwood, Cy E., 4,517,740, Cl. 29-857.000.

Sherwood, Donald G.: *See—*
- Meuschke, Robert E.; Sherwood, Donald G.; and Silverblatt, Bernard L., 4,519,519, Cl. 220-211.000.
- Veronesi, Luciano; and Sherwood, Donald G., 4,550,941, Cl. 294-86.400.

Sherwood, Edward F.; Orndorff, Karl B.; and Dillon, Charles M., to Westinghouse Electric Corp. Architrave. 4,514,946, 5-7-85, Cl. 52-211.000.

Sherwood, Irvin W.: *See—*
- Scott, Raymond G.; and Sherwood, Irvin W., 4,505,384, Cl. 206-45.330.

Sherwood, Kent. Method of manufacturing a surface-reinforced foam article. 4,510,105, 4-9-85, Cl. 264-46.600.

Sherwood Medical Company: *See—*
- Bodicky, Raymond O., 4,540,411, Cl. 604-169.000.
- Cornell, William D.; and Evans, Carnot, 4,503,856, Cl. 128-314.000.
- Gindler, E. Melvin, 4,497,792, Cl. 424-3.000.
- McCool, George W., 4,523,968, Cl. 156-73.500.

Sherwood, Richard C.: *See—*
- Bordelon, Chester M.; Chin, Gilbert Y.; Jin, Sungho; Sherwood, Richard C.; and Wernick, Jack H., 4,540,453, Cl. 148-31.550.

Sherwood Selpac Corp.: *See—*
- Trinkwalder, Joseph C., 4,491,149, Cl. 137-505.460.

Sherwood, William G.: *See—*
- Hodges, Donald R.; and Sherwood, William G., 4,517,058, Cl. 204-4.000.

Sherwood, William L. Continuous vacuum degassing and casting of steel. 4,541,865, 9-17-85, Cl. 75-46.000.

Sheth, Dilitkumar R.; and Durand, Kevin J., to Allied Corporation. Transformer core mandrel. 4,529,177, 7-16-85, Cl. 266-274.000.
Sheth, Harshad V.: *See—*
  Cordea, James N.; Jasper, Joseph C.; and Sheth, Harshad V., 4,502,886, Cl. 75-125.000.
Sheth, Jayesh V., to Burroughs Corporation. Automatic write system for peripheral-controller. 4,534,013, 8-6-85, Cl. 364-900.000.
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  Mortensen, David J.; and Sheth, Jayesh V., 4,542,457, Cl. 364-200.000.
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  Doorley, Richard B.; Henninger, Paul J.; Klages, Chester F., Jr.; and Shetter, Jerrold K., 4,556,127, Cl. 184-3.100.
Shettler, Carol A. Alphabet blocks. 4,508,347, 4-2-85, Cl. 273-157.00R.
Shetty, Jayarama K.; and Marshall, James J., to Miles Laboratories, Inc. Recovery of acid fungal protease. 4,532,213, 7-30-85, Cl. 435-225.000.
Sheu, Por-Jiy. Emergency descent device. 4,554,997, 11-26-85, Cl. 182-238.000.
Sheu, Roung-Hwang. Coupling device. 4,515,280, 5-7-85, Cl. 211-189.000.
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  Kadekodi, Narayan K.; Sheu, Shey-Ping L.; and Ibrahim, Abd-El-Fattah A., 4,528,594, Cl. 358-213.000.
Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., to Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut Po Ochikh Tke Tekhnologichesky Gazov, Stochnykh Vod I Ispolzovaniju Vtorichnykh Energoresursov Predpriyaty Chernoi Metallurgii Vnipichermetenergoochist Ka. Method and apparatus for supplying voltage to high-ohmic dust electrostatic precipitator. 4,536,698, 8-20-85, Cl. 323-237.000.
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  Alengoz, Anton S.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; and Shevchenko, Jury A., 4,52[illegible],758, Cl. 422-122.000.
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  Maltsev, Jury S.; Shevchenko, Viktor D.; and Chernin, Mikhail M., 4,509,134, Cl. 364-813.000.
Shevchuk, George J., to AT&T Bell Telephone Laboratories. Unitary construction circuit pack carrier. 4,509,647, 4-9-85, Cl. 211-41.000.
Shew, Jerry D., to Stewart-Warner Corporation. Lever operated lubricator. 4,560,095, 12-24-85, Cl. 222-256.000.
Shew, Shan W. Brightness and color regulatable lampshade. 4,539,630, 9-3-85, Cl. 362-318.000.
Shewchuk, W. Donald. Bag holder. 4,537,377, 8-27-85, Cl. 248-99.000.
Shewmake, Hollis G., Sr. Backup tong. 4,494,425, 1-22-85, Cl. 81-57.340.
Shia, George A., to Allied Corporation. Battery electrode and method of making. 4,556,618, 12-3-85, Cl. 429-217.000.
Shiau, David W.; and Smith, Eric, to Borden, Inc. Low formaldehyde emission urea-formaldehyde resins containing a melamine additive. 4,536,245, 8-20-85, Cl. 156-307.300.
Shiba, Haruo, to TDK Corporation. Tape guide for a magnetic tape cartridge and method of manufacturing the same. 4,491,891, 1-1-85, Cl. 360-130.210.
Shiba, Haruo; Sakata, Yoshiya; and Tanaka, Kimio, to TDK Corporation. Reel for a magnetic tape. 4,515,322, 5-7-85, Cl. 242-71.800.
Shiba, Haruo; and Takeda, Shigetomo, to TDK Corporation. Casing for a magnetic tape cassette. 4,545,483, 10-8-85, Cl. 206-387.000.
Shiba, Haruo; and Iizuka, Michio, to TDK Corporation. Magnetic tape cassette. 4,558,387, 12-10-85, Cl. 360-132.000.
Shiba, Haruo: *See—*
  Okamura, Masatoshi; and Shiba, Haruo, 4,504,027, Cl. 242-74.100.
Shiba, Kazuo; Takahashi, Masao; Kanai, Akira; and Koizumi, Kouichi, to Citizen Watch Co., Ltd. Micro-adjustable displacement and rotation setting apparatus. 4,504,048, 3-12-85, Cl. 269-71.000.
Shiba, Kazuo; and Miyashita, Masakazu, to Citizen Watch Co., Ltd. Measuring device for oblique angle. 4,543,724, 10-1-85, Cl. 33-1.00N.
Shiba, Kazuo; and Fuwa, Shigehiro, to Citizen Watch Co., Ltd. Grinding machine. 4,546,573, 10-15-85, Cl. 51-165.720.
Shiba, Kazuo: *See—*
  Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, 4,536,993, Cl. 51-165.800.
  Yoshioka, Junichi; Koizumi, Koichi; Kanai, Akira; and Shiba, Kazuo, 4,523,410, Cl. 51-166.00R.
Shiba, Keisuke; Yazawa, Hiromi; Ohishi, Chikashi; and Nakao, Sho, to Fuji Photo Film Co., Ltd. Electrophotographic process for producing printing plate and plate making machine. 4,500,618, 2-19-85, Cl. 430-49.000.
Shiba, Keisuke; Fuchizawa, Tetsuro; Nakao, Sho; and Ohishi, Chikashi, to Fuji Photo Film Co., Ltd. Process for preparing a lithographic printing plate. 4,555,461, 11-26-85, Cl. 430-49.000.
Shiba, Kunio: *See—*
  Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, 4,556,689, Cl. 525-54.100.
Shiba, Nobuyasu: *See—*
  Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.
Shibagaki, Kazuyoshi; Mori, Yoshihisa; and Moriuchi, Takahiko, to Nitto Electric Industrial Co., Ltd. Circuit substrate with resistance layer and process for producing the same. 4,532,186, 7-30-85, Cl. 428-457.000.
Shioahara, Hiroshi; and Tachibana, Hiromitsu, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Method for particulate production of condensate of aldehyde compound and phenol compound. 4,542,204, 9-17-85, Cl. 528-140.000.
Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Futkatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi. 1-oxadethiacephalosporin compound and antibacterial agent containing the same. 4,497,811, 2-5-85, Cl. 514-231.000.
Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Wakazawa, Tadashi; Niida, Taro; and Christensen, Burton G., to Merck & Co., Inc. 1-oxa-1-dethia-cephalosporin derivatives. 4,534,898, 8-13-85, Cl. 260-245.300.
Shibahara, Seiji; Okonogi, Tsuneo; Murai, Yasushi; Fukatsu, Shunzo; Niida, Taro; and Wakazawa, Tadashi, to Meiji Seika Kaisha Ltd. Process for the production of antibiotic 1-oxadethiacephalosporins, and intermediate. 4,556,513, 12-3-85, Cl. 260-239.00A.
Shibahara, Yoshihumi: *See—*
  Kawara, Toshio; and Shibahara, Yoshihumi, 4,494,022, Cl. 310-14.000.
Shibahashi, Yutaka: *See—*
  Kito, Tutomu; Nakasuji, Norikazu; Kataoka, Takashi; Inagaki, Hiroshi; and Shibahashi, Yutaka, 4,554,565, Cl. 346-201.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, to Nissan Motor Company, Limited. Automative compliance steering control supension. 4,519,627, 5-28-85, Cl. 280-701.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, to Nissan Motor Company, Limited. Steering control system for automotive vehicle or the like. 4,527,654, 7-9-85, Cl. 180-140.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, to Nissan Motor Company, Limited. Compliance steer control arrangement for automotive vehicle suspension. 4,534,435, 8-13-85, Cl. 180-140.000.
Shibahata, Yasuji; Irie, Namio; Ikawa, Kazuo; and Akatsu, Yohsuke, to Nissan Motor Company, Limited. Vehicle steering system. 4,540,059, 9-10-85, Cl. 180-141.000.
Shibahata, Yasuji, to Nissan Motor Company, Limited. Independent rear suspension system for automotive vehicle. 4,545,602, 10-8-85, Cl. 280-701.000.
Shibai, Hiroshiro: *See—*
  Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, 4,560,748, Cl. 536-24.000.
Shibaike, Narito; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; and Zaitsu, Osamu, to Matsushita Electric Industrial Co., Ltd. Magnetic recording and playback apparatus. 4,517,613, 5-14-85, Cl. 360-85.000.
Shibaike, Narito: *See—*
  Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, 4,491,885, Cl. 360-85.000.
Shibakawa, Riichiro: *See—*
  Celmer, Walter D.; Cullen, Walter P.; Watts, Paul C.; Shibakawa, Riichiro; and Tone, Junsuke, 4,496,546, Cl. 514-29.000.
  Celmer, Walter D.; Cullen, Walter P.; Shibakawa, Riichiro; and Tone, Junsuke, 4,533,553, Cl. 514-460.000.
Shibamoto, Norio; Yoshioka, Takeo; Fukagawa, Yasuo; and Ishikura, Tomoyuki, to Sanraku-Ocean Co., Ltd. Aminocarboxylic acid derivatives. 4,528,397, 7-9-85, Cl. 514-400.000.
Shibamoto, Takeshi: *See—*
  Sugiyama, Hiroyuki; Shibamoto, Takeshi; Sato, Hideo; Furuki, Tsuneo; Kubo, Mitsuo; and Tanaka, Koji, 4,554,597, Cl. 358-335.000.
  Takahashi, Nobuaki; and Shibamoto, Takeshi, 4,499,506, Cl. 358-343.000.
  Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; and Tanaka, Koji, 4,513,327, Cl. 358-310.000.
  Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.
Shibano, Fumehiko, to Iwatsu Electric Co., Ltd. Optoelectronic system for measuring electric or magnetic quantities utilizing a dual light beam of different wavelengths. 4,531,092, 7-23-85, Cl. 324-244.000.
Shibano, Kenji, to Fuji Jukogyo Kabushiki Kaisha. System for preventing the percolation of fuel in a carburetor. 4,499,032, 2-12-85, Cl. 261-72.00R.
Shibaoka, Kazuo; Onishi, Shunji; Miwa, Takao; and Akimoto, Toshio, to Nippon Sheet Glass Co., Ltd. Mold and method for producing molded glass articles. 4,548,634, 10-22-85, Cl. 65-79.000.

Shibasaki, Kazunori; and Sawatani, Kenji, to Mitsubishi Denki Kabushiki Kaisha. Thrust bearing supporting device for an electric rotary machine. 4,542,995, 9-24-85, Cl. 384-224.000.

Shibata, Akikazu: *See—*
- Hayafuji, Yoshinori; Sawada, Akashi; Usui, Setsuo; and Shibata, Akikazu, 4,549,913, Cl. 148-33.000.

Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, to Hitachi, Ltd. Picture reproducing apparatus in a helical scanning video tape recorder. 4,497,004, 1-29-85, Cl. 360-108.000.

Shibata, Akira, to Chugai Denki Kogyo K.K. Internally oxidized Ag-Sn-Bi alloy electrical contact materials. 4,514,238, 4-30-85, Cl. 148-431.000.

Shibata, Akira; Hirose, Koichi; and Yamamoto, Akihiro, to Hitachi, Ltd. Magnetic tape reproducing apparatus. 4,519,005, 5-21-85, Cl. 360-65.000.

Shibata, Akira; Komatsu, Keiichi; Kuroyanagi, Tomomitsu; and Kojima, Noboru, to Hitachi, Ltd. Chroma signal recording and reproducing circuit. 4,524,380, 6-18-85, Cl. 358-316.000.

Shibata, Akira; Wada, Isao; and Yoshioka, Atsushi, to Hitachi, Ltd. Magnetic recording apparatus with level adjusting means for mixed luminance, chrominance, audio and pilot signals. 4,533,961, 8-6-85, Cl. 358-315.000.

Shibata, Akira; Kojima, Noboru; and Kuroyanagi, Tomomitsu, to Hitachi, Ltd. Color video signal recording apparatus. 4,554,596, 11-19-85, Cl. 358-330.000.

Shibata, Akira, to Chugai Denki Koygo K.K. Method for preparing cores and the like made from metallic oxides. 4,556,435, 12-3-85, Cl. 148-6.350.

Shibata, Akira; and Komatsu, Keiichi, to Hitachi, Ltd. Magnetic recording/reproducing apparatus for video and sound. 4,556,917, 12-3-85, Cl. 358-343.000.

Shibata, Akira; and Ohashi, Shinichi, to Hitachi, Ltd.; and Hitachi Video Engineering Inc. Method and apparatus for a magnetic recording/reproducing. 4,558,378, 12-10-85, Cl. 360-19.100.

Shibata, Akira: *See—*
- Miura, Kuniaki; Shibata, Akira; Yamada, Jun; and Hazama, Katashi, 4,510,530, Cl. 358-314.000.
- Terada, Toshimichi; Komatsu, Keiichi; Shibata, Akira; and Satoh, Kenji, 4,497,000, Cl. 360-70.000.
- Terada, Toshimichi; Kuroyanagi, Tomomitsu; Kozima, Noboru; and Shibata, Akira, 4,550,345, Cl. 358-323.000.

Shibata, Akiyoshi: *See—*
- Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, 4,506,053, Cl. 524-405.000.
- Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; and Shibata, Akiyoshi, 4,526,921, Cl. 524-405.000.

Shibata, Atsushi; and Ueno, Yukichi, to Hitachi, Ltd. Beam scanning control device for ion implantation system. 4,494,005, 1-15-85, Cl. 250-492.200.

Shibata, Fumio; and Kawasaki, Shunzo, to Teijin Limited. High density, water-repellent textile fabric. 4,548,848, 10-22-85, Cl. 428-85.000.

Shibata, Fumio: *See—*
- Nakamura, Mamoru; and Shibata, Fumio, 4,547,549, Cl. 525-197.000.

Shibata, Haruo, to Tokyo Shibaura Denki Kabushiki Kaisha. Loading-/ejecting device for a magnetic disk. 4,562,498, 12-31-85, Cl. 360-97.000.

Shibata, Hideto: *See—*
- Watabe, Shin; and Shibata, Hideto, 4,534,410, Cl. 165-126.000.

Shibata, Hiroshi: *See—*
- Kohara, Masanobu; Nakao, Shin; and Shibata, Hiroshi, 4,561,011, Cl. 356-81.000.

Shibata, Hiroyuki: *See—*
- Fuse, Shigeru; Takashima, Masatake; Fukuda, Shinichiro; and Shibata, Hiroyuki, 4,542,412, Cl. 358-260.000.

Shibata, Katsuhiko; and Sato, Mitsuyoshi, to Sony Corporation. Overwrapping film. 4,507,352, 3-26-85, Cl. 428-201.000.

Shibata, Katsuji: *See—*
- Kanno, Tadaaki; Ukai, Takeshi; Akahoshi, Yutaka; and Shibata, Katsuji, 4,509,732, Cl. 270-37.000.

Shibata, Keiichi: *See—*
- Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.

Shibata, Kenichi: *See—*
- Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.

Shibata, Kenji: *See—*
- Inoue, Tomoyasu; and Shibata, Kenji, 4,498,226, Cl. 29-576.00B.
- Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,088, Cl. 204-182.500.
- Kaneda, Hiroshi; Shibata, Kenji; Nomura, Mitugu; and Sano, Fumihiko, 4,539,091, Cl. 204-301.000.

Shibata, Kiyoshi: *See—*
- Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
- Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.
- Motomura, Minoru; Shibata, Kiyoshi; Watanabe, Toshio; and Ohata, Yousuke, 4,521,102, Cl. 355-14.0CU.

Shibata, Komei: *See—*
- Shimazaki, Fumio; Asai, Koji; and Ohno, Jiro, 4,555,113, Cl. 273-80.00B.

Shibata, Makoto: *See—*
- Ikeda, Masami; Matsuda, Hiroto; Shibata, Makoto; and Takahashi, Hiroto, 4,536,250, Cl. 156-651.000.
- Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, 4,524,562, Cl. 53-409.000.

Shibata, Masaki: *See—*
- Tezuka, Shichigoro; Sato, Yoshinori; Shibata, Masaki; and Harikae, Nobuyuki, 4,514,423, Cl. 426-3.000.

Shibata, Masamichi: *See—*
- Kashima, Osamu; and Shibata, Masamichi, 4,557,229, Cl. 123-169.0EL.

Shibata, Minoru; Hayashi, Koichi; and Abe, Katsumi, to U.S. Philips Corporation. Automatically operating electric shaver. 4,531,287, 7-30-85, Cl. 30-43.600.

Shibata, Mitsuyoshi: *See—*
- Berry, Milton E.; and Shibata, Mitsuyoshi, 4,524,821, Cl. 164-482.000.

Shibata, Norio, to Victor Company of Japan, Ltd. Turntable device having rotary recording medium size changeover capability in a rotary recording medium reproducing apparatus. 4,493,072, 1-8-85, Cl. 369-271.000.

Shibata, Ryoichi, to Kabushiki Kaisha Kuken. Impact wrench. 4,557,337, 12-10-85, Cl. 173-93.500.

Shibata, Setsuo; Koshiba, Yukihiko; Hamamoto, Yoshito; Kugai, Katsutoshi; Kawashima, Akiro; and Fujisawa, Hiroshi, to JGC Corporation. Apparatus for filtration of a suspension. 4,540,490, 9-10-85, Cl. 210-323.200.

Shibata, Shin; Aoyama, Akira; and Mino, Tetsuya, to Kabushiki Kaisha Suwa Seikosha. Magnetic head for perpendicular magnetization recording. 4,513,337, 4-23-85, Cl. 360-121.000.

Shibata, Shinya: *See—*
- Hashimoto, Shintaro; Masuzawa, Sigeaki; Shibata, Shinya; Tsuda, Hiroshi; and Nakano, Masahiro, 4,500,211, Cl. 368-63.000.

Shibata, Shunichi, deceased (by Shibata, Towa, legal representative), to West Electric Company, Ltd. Illuminated finder. 4,527,875, 7-9-85, Cl. 354-225.000.

Shibata, Sueo: *See—*
- Yamazaki, Masami; and Shibata, Sueo, 4,519,747, Cl. 416-244.00A.

Shibata, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Stacked semiconductor device with sloping sides. 4,500,905, 2-19-85, Cl. 357-68.000.

Shibata, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing a semiconductor device. 4,528,744, 7-16-85, Cl. 29-571.000.

Shibata, Tadashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Dynamic semiconductor memory and manufacturing method thereof. 4,543,597, 9-24-85, Cl. 357-23.600.

Shibata, Takanori; Yoshikawa, Toshiharu; Isobe, Kenichi; and Ichinohe, Shoji, to Toyo Contact Lens Co., Ltd.; and Shin-Etsu Chemical Co., Ltd. Oxygen permeable soft contact lens composition. 4,525,563, 6-25-85, Cl. 526-279.000.

Shibata, Takanori; Yamanaka, Masashige; and Kako, Hiroyuki, to Toyo Contact Lens Co., Ltd. Water-absorptive contact lenses. 4,547,543, 10-15-85, Cl. 524-264.000.

Shibata, Takanori: *See—*
- Endo, Akira; Hasegawa, Akira; and Shibata, Takanori, 4,514,645, Cl. 307-10.00R.

Shibata, Takashi: *See—*
- Miyata, Toshihiko; and Shibata, Takashi, 4,534,057, Cl. 381-58.000.

Shibata, Takehiko, to Canon Kabushiki Kaisha. Loop transmission with back-up power supply for the interface. 4,541,044, 9-10-85, Cl. 364-200.000.

Shibata, Takehiko; and Yokomizo, Yoshikazu, to Canon Kabushiki Kaisha. Image reproduction device. 4,556,915, 12-3-85, Cl. 358-280.000.

Shibata, Takehiko: *See—*
- Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.

Shibata, Tomoyuki: *See—*
- Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, 4,552,873, Cl. 514-210.000.

Shibata, Toshihiro: *See—*
- Minagawa, Motonobu; Nakahara, Yutaka; Shibata, Toshihiro; and Tobita, Etsuo, 4,491,643, Cl. 524-96.000.
- Minagawa, Motonobu; Kubota, Naohiro; and Shibata, Toshihiro, 4,499,220, Cl. 524-102.000.
- Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,500,663, Cl. 524-101.000.
- Minagawa, Motonobu; Kubota, Naohiro; Shibata, Toshihiro; and Arata, Ryozo, 4,525,506, Cl. 524-102.000.

Shibata, Toshio; and Sakuma, Koichiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Microwave receiving apparatus using a waveguide filter. 4,547,901, 10-15-85, Cl. 455-300.000.

Shibata, Towa, legal representative: *See—*
- Shibata, Shunichi, deceased, 4,527,875, Cl. 354-225.000.

Shibata, Yoichi; Kimura, Ryosuke; Sumigama, Takashi; and Izumi, Masaro, to Nippon Kokan Kabushiki Kaisha. Simultaneous multipoint sounding apparatus. 4,515,350, 5-7-85, Cl. 266-92.000.

Shibata, Yoji: *See—*
- Nakajima, Hirohito; Haji, Katsumi; Shibata, Yoji; and Kosuge, Wataru, 4,538,176, Cl. 358-86.000.
- Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, 4,518,989, Cl. 358-86.000.

Shibata, Yoshiaki: *See—*
- Nakamura, Norihiko; Baika, Toyokazu; Shibata, Yoshiaki; and Miki, Toshio, 4,561,390, Cl. 123-90.150.

Shibata, Yoshihisa: *See—*
- Sempuku, Kenji; Shibata, Yoshihisa; and Ohgi, Tadaaki, 4,554,275, Cl. 514-245.000.

Shibata, Yoshikazu, to Japan Life Company Limited. Lid knob of pressure cooker. 4,548,156, 10-22-85, Cl. 116-70.000.

Shibata, Yoshitaka: *See—*
- Deguchi, Yutaka; Kouzuki, Rikuzou; Iinuma, Daiwa; Shiraki, Kenhachi; Sakamoto, Kiyoshi; Tsuboi, Kunio; and Shibata, Yoshitaka, 4,531,823, Cl. 355-3.00R.

Shibatani, Haruo; Takahashi, Kunimasa; and Kameda, Takashi, to Mitsubishi Petrochemical Co., Ltd. Process for producing mesophase pitch. 4,528,087, 7-9-85, Cl. 208-22.000.

Shibayama, Akinori; Fujinami, Minpei; and Yoda, Haruo, to Hitachi, Ltd.; and Nippon Telegraph & Telephone Public Corporation. Electron beam exposure system. 4,532,598, 7-30-85, Cl. 364-491.000.

Shibayama, Kimio: *See—*
- Itaya, Kingo; Shibayama, Kimio; Toshima, Shinobu; Ataka, Tatsuaki; and Iwasa, Koji, 4,498,739, Cl. 350-357.000.

Shibayama, Mathuo: *See—*
- Konishi, Sakuichi; Shingo, Naohito; and Shibayama, Mathuo, 4,528,318, Cl. 524-504.000.

Shibayama, Shigeki: *See—*
- Iwata, Kazuhide; Shibayama, Shigeki; Hidai, Yutaka; and Oyanagi, Shigeru, 4,514,826, Cl. 364-900.000.

Shibayama, Tooru; Kajiya, Hiroshi; and Takahashi, Mitsuharu, to Kabushiki Kaisha Sato. Continuous tag printing apparatus. 4,501,224, 2-26-85, Cl. 118-697.000.

Shibazaki, Kenji; Irie, Yutaka; Ito, Masazumi; and Murata, Tomoji, to Minolta Camera Kabushiki Kaisha. Copying magnification setting device for an electrophotographic copying apparatus. 4,543,643, 9-24-85, Cl. 364-900.000.

Shibazaki, Kenji: *See—*
- Sugiura, Masamichi; and Shibazaki, Kenji, 4,506,974, Cl. 355-14.00R.

Shibazaki, Takeyoshi: *See—*
- Kawakita, Shizuo; Shibazaki, Takeyoshi; and Mochida, Hiromi, 4,514,223, Cl. 75-77.000.

Shiber, Samuel. All terrain vehicle. 4,493,385, 1-15-85, Cl. 180-6.200.

Shiber, Samuel: *See—*
- Husted, Royce H., 4,493,678, Cl. 474-164.000.
- Husted, Royce H., 4,521,207, Cl. 474-56.000.

Shibley, Paul W. M.: *See—*
- Angelov, Georgi; and Shibley, Paul W. M., 4,498,971, Cl. 208-11.0LE.

Shibue, Toshiaki; and Nagayasu, Koichi, to Konishiroku Photo Industry Co., Ltd. Method of producing support for photographic paper. 4,554,175, 11-19-85, Cl. 427-44.000.

Shibukawa, Mitsuru; Shibuya, Chisei; and Ishii, Kunihiko, to Asahi Kasei Kogyo Kabushiki Kaisha. Secalonic acid derivatives as antitumor agents. 4,556,651, 12-3-85, Cl. 514-191.000.

Shibukawa, Suetaro; and Katada, Hiroshi, to Hitachi, Ltd. Ignition timing control apparatus for internal combustion engine. 4,503,823, 3-12-85, Cl. 123-418.000.

Shibuki, Masaru: *See—*
- Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Kouji; and Higashine, Seiji, 4,524,080, Cl. 426-236.000.
- Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, 4,557,939, Cl. 426-473.000.

Shibuya, Chisei: *See—*
- Shibukawa, Mitsuru; Shibuya, Chisei; and Ishii, Kunihiko, 4,556,651, Cl. 514-191.000.

Shibuya, Fukashi: *See—*
- Yamazaki, Kaoru; and Shibuya, Fukashi, 4,513,126, Cl. 526-87.000.

Shibuya, Hiroko: *See—*
- Sugiyama, Masami; Shibuya, Hiroko; and Kasahara, Yasushi, 4,551,272, Cl. 260-112.50R.

Shibuya, Hiromichi: *See—*
- Ouchi, Teruo; and Shibuya, Hiromichi, 4,495,134, Cl. 264-516.000.

Shibuya, Kenjiro: *See—*
- Ogata, Yohji; Aida, Isao; Murayama, Hirokazu; and Shibuya, Kenjiro, 4,532,409, Cl. 219-137.00R.

Shibuya, Kiyoshi; Kan, Takahiro; and Ito, Yo, to Kawasaki Steel Corporation. Method of and apparatus for producing thin metallic sheet by rapid cooling. 4,518,029, 5-21-85, Cl. 164-463.000.

Shibuya, Kiyoshi; Yukumoto, Masao; Kan, Takahiro; and Ito, Yo, to Kawasaki Steel Corporation. Process and apparatus for the production of rapidly solidified metallic tapes by double-roll system. 4,546,814, 10-15-85, Cl. 164-455.000.

Shibuya Kogyo Co., Ltd.: *See—*
- Konaka, Yukio, 4,507,168, Cl. 156-379.800.
- Miyashita, Yoshikazu; Muranaka, Shiaru; and Tanaka, Hideo, 4,554,774, Cl. 53-52.000.
- Tanaka, Hideo; and Muranaka, Shiaru, 4,535,583, Cl. 53-75.000.

Shibuya, Koji: *See—*
- Yamatani, Tetsuo; Hijiya, Toyoto; Takeda, Hideo; Shibuya, Koji; and Tanaka, Kiichiro, 4,508,912, Cl. 549-253.000.

Shibuya, Kunihiro: *See—*
- Yana, Masasumi; Nagato, Hitoshi; Yamada, Kiyoshi; Ueno, Shyoji; and Shibuya, Kunihiro, 4,552,470, Cl. 400-120.000.

Shibuya, Masanobu: *See—*
- Kawabata, Susumu; Inoue, Tetsuzo; Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,510,745, Cl. 57-415.000.
- Miyamoto, Noriaki; Shibuya, Masanobu; and Kaneko, Masashi, 4,539,808, Cl. 57-411.000.

Shibuya, Sadao: *See—*
- Fujimoto, Hirotsugu; Hosono, Tatsukuma; Kimura, Hiroshi; Shibuya, Sadao; and Naruse, Akisuke, 4,507,260, Cl. 376-249.000.

Shibuya, Takashi: *See—*
- Miyake, Toshio; Sakai, Shuzo; and Shibuya, Takashi, 4,521,252, Cl. 127-46.300.

Shibuya, Toshifumi: *See—*
- Kojima, Noboru; Watatani, Yoshizumi; Arai, Takao; Hoshino, Takashi; and Shibuya, Toshifumi, 4,491,880, Cl. 360-19.100.

Shibuya, Tsunenori; Ishizuka, Yutaka; and Nakamura, Teruo, to Diesel Kiki Co., Ltd. Vane compressor having rearwardly located suction connector and discharge connector. 4,502,854, 3-5-85, Cl. 418-15.000.

Shibuya, Tsunenori; and Nakamura, Teruo, to Diesel Kiki Co., Ltd. Vane compressor having drive shaft journalled by roller bearings. 4,507,065, 3-26-85, Cl. 418-15.000.

Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Variable capacity vane compressor capable of controlling back pressure acting upon vanes. 4,516,920, 5-14-85, Cl. 418-23.000.

Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Variable delivery vane compressor. 4,522,573, 6-11-85, Cl. 418-23.000.

Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Vane compressor having suction port and discharge port located at the same axial side thereof. 4,538,976, 9-3-85, Cl. 418-133.000.

Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Vane compressor with means for obtaining sufficient back pressure upon vanes at the start of compressor. 4,543,049, 9-24-85, Cl. 418-269.000.

Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Swash-plate type compressor. 4,544,331, 10-1-85, Cl. 417-269.000.

Shibuya, Tsunenori, to Diesel Kiki Co., Ltd. Double acting type compressor. 4,544,332, 10-1-85, Cl. 417-269.000.

Shibuya, Tsunenori: *See—*
- Ishizuka, Yutaka; and Shibuya, Tsunenori, 4,511,313, Cl. 417-270.000.
- Ishizuka, Yutaka; and Shibuya, Tsunenori, 4,549,855, Cl. 417-270.000.

Shibuya, Yoshimichi; Takahashi, Masami; and Ishibashi, Tadashi, to Hitachi, Ltd. Liquid crystal display element. 4,540,242, 9-10-85, Cl. 350-335.000.

Shichijo, Hisashi: *See—*
- Chatterjee, Pallab; Shichijo, Hisashi; and Leiss, John E., 4,545,034, Cl. 365-182.000.

Shichijo, Yoshiaki: *See—*
- Inukai, Yuzo; and Shichijo, Yoshiaki, 4,520,755, Cl. 118-629.000.

Shichiri, Motoaki: *See—*
- Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.

Shida, Atsuhiko: *See—*
- Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, 4,561,880, Cl. 71-92.000.

Shida, Masaharu: *See—*
- Ishida, Takashi; and Shida, Masaharu, 4,493,559, Cl. 368-74.000.

Shida, Masami: *See—*
- Tabuchi, Kenji; Shida, Masami; and Ishii, Toshio, 4,498,444, Cl. 123-478.000.

Shida, Mitsuzo: *See—*
- Adur, Ashok M.; Schmukler, Seymour; Maconis, John, Jr.; and Shida, Mitsuzo, 4,537,836, Cl. 428-522.000.

Shida, Takafumi: *See—*
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Shideler, Anthony; and Raddatz, Dwight B., to Ball Corporation. Sheet metal evaluator. 4,549,306, 10-22-85, Cl. 378-58.000.

Shideler, Ronald: *See—*
- Landa, Isaac J.; and Shideler, Ronald, 4,540,282, Cl. 356-328.000.

Shidemantle, David R.: *See—*
- Tommaney, Joseph W.; Shidemantle, David R.; and Bishop, Harry L., Jr., 4,529,442, Cl. 75-59.120.

Shidner, Morris C. Utility bag with sustained open configuration. 4,561,525, 12-31-85, Cl. 190-106.000.

Shidner, Morris I. Equidae coronet boot. 4,548,026, 10-22-85, Cl. 54-82.000.

Shie, Herman J., III: *See—*

Ford, Roger S.; Shie, Herman J., III; and Baird, Thomas E., Sr., 4,514,199, Cl. 55-337.000.

Shieh, Shin-Shi. Safety diving backpack. 4,498,878, 2-12-85, Cl. 441-80.000.

Shieh, Steve. Strap for use with diving goggles. 4,495,663, 1-29-85, Cl. 2-422.000.

Shiel, Leslie E.: *See—*

Vas, Gerson M. F.; and Shiel, Leslie E., 4,496,670, Cl. 523-205.000.

Shields, Curtis E.: *See—*

Andrew, Wesley A.; Shields, Curtis E.; Hindlin, Harry O.; and Hamilton, Robert, 4,533,333, Cl. 441-38.000.

Shields, D. Leet. Shear with cutting height adjustment. 4,497,230, 2-5-85, Cl. 83-600.000.

Shields, Dean W. Log handling and sawing system. 4,515,196, 5-7-85, Cl. 144-378.000.

Shields, Edward P.; and Bassler, Elmer A., Jr., to Westinghouse Electric Corp. Nuclear fuel rod bundle drive apparatus. 4,547,117, 10-15-85, Cl. 414-404.000.

Shields, Edward P., to Westinghouse Electric Corp. Multiple fuel rod gripper. 4,551,299, 11-5-85, Cl. 376-261.000.

Shields, Harper; and Lineberry, Roger D., to Kayser-Roth Hosiery, Inc. Cushion foot sock. 4,520,635, 6-4-85, Cl. 66-185.000.

Shields, Harper: *See—*

Casstevens, Arvil; Coble, William H.; Shields, Harper; Ferrell, Roscoe M.; and Jordan, Bobby R., 4,522,042, Cl. 66-140.00S.

Lineberry, Roger D.; and Shields, Harper, 4,522,044, Cl. 66-185.000.

Shields, Michael W., to United States of America, Air Force. Printed circuit balun with a dipole antenna. 4,495,505, 1-22-85, Cl. 343-821.000.

Shields, Ronald H.; and Pollen, Michael E., to Lynch Machinery. Variable index glass ware press with computer control. 4,554,001, 11-19-85, Cl. 65-160.000.

Shields, Ronald H.: *See—*

Hileman, Kenneth R.; Shields, Ronald H.; and Tobey, Lance M., 4,531,961, Cl. 65-164.000.

Shields, Thomas A., to USM Corporation. Blister package. 4,499,353, 2-12-85, Cl. 206-470.000.

Shields, William A., to General Motors Corporation. Vented fuel tank filler. 4,502,516, 3-5-85, Cl. 141-290.000.

Shiff, Max J.; and Davis, Gene, to Decor Noel Corporation. Decorative ornament having garland and a light string. 4,542,446, 9-17-85, Cl. 362-122.000.

Shiffer, Robert J., to McGraw-Edison Company. Die handling device. 4,518,185, 5-21-85, Cl. 294-67.100.

Shiflet, Roger T.: *See—*

Martinovich, Robert J.; Mathis, Ronald D.; and Shiflet, Roger T., 4,548,971, Cl. 524-101.000.

Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, to Sumitomo Chemical Company, Limited. Olefin polymerization catalysts and process for producing olefin polymers by using such catalysts. 4,504,637, 3-12-85, Cl. 526-119.000.

Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, to Sumitomo Chemical Company, Limited. Method for the production of solid titanium trichloride catalyst. 4,514,512, 4-30-85, Cl. 502-107.000.

Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, to Sumitomo Chemical Company, Limited. Catalyst and process using same for producing olefin polymer. 4,533,706, 8-6-85, Cl. 526-119.000.

Shiga, Akinobu; Kakugo, Masahiro; Kojima, Junpei; and Wakatsuki, Kizuku, to Sumitomo Chemical Company, Limited. Crystalline propylene polymer composition. 4,551,501, 11-5-85, Cl. 525-88.000.

Shiga, Akinobu; Sasaki, Toshio; Kojima, Junpei; and Nunose, Akira, to Sumitomo Chemical Company, Limited. Process for producing α-olefin polymers using novel catalyst system. 4,554,264, 11-19-85, Cl. 502-112.000.

Shiga, Koji, to Fuji Photo Film Co., Ltd. Sensitive material processing apparatus. 4,533,225, 8-6-85, Cl. 354-322.000.

Shiga, Masatoshi: *See—*

Fujii, Setsuro; Yasui, Bompei; Miyamoto, Tomohisa; Shiga, Masatoshi; Ando, Kazuko; Hashimoto, Iwao; Kawasaki, Masahiro; Kawai, Yoichiro; and Mino, Yuji, 4,503,045, Cl. 514-25.000.

Shiga, Minoru: *See—*

Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Kishi, Takamichi, 4,539,083, Cl. 204-98.000.

Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Yamada, Kiyoshi, 4,556,470, Cl. 204-266.000.

Shiga, Mitsuo, to Honda Giken Kogyo Kabushiki Kaisha. Three-wheeled motor vehicle. 4,535,866, 8-20-85, Cl. 180-215.000.

Shiga, Shoji; Suzuki, Satoshi; and Kiso, Nariyoshi, to Furukawa Electric Co., Ltd., The. Silver-coated electric composite materials. 4,529,667, 7-16-85, Cl. 428-646.000.

Shiga, Tatsuhide; Tanaka, Mikio; Doki, Yoshikuni; Tsuruoka, Yoshihiro; and Fujiwara, Masatoshi, to Yamatake-Honeywell Co., Ltd. Three force balanced mechanism. 4,502,333, 3-5-85, Cl. 73-701.000.

Shiga, Tetsuya; Okawa, Shinichi; Yoshida, Kenichi; and Hiramoto, Junichi, to Sumitomo Electric Industries, Ltd. Sensing device for cardio-pulmonary functions. 4,517,982, 5-21-85, Cl. 128-635.000.

Shiga, Tokio; and Saida, Keiichi, to Toyoda Koki Kabushiki Kaisha; and Kabushiki Kaisha Chubu Netsuren Kenkyusho. Working apparatus with track following motion. 4,548,536, 10-22-85, Cl. 414-225.000.

Shiga, Tsutomu, to Nippondenso Co., Ltd. Multi-path cooling in an AC generator for a vehicle. 4,549,103, 10-22-85, Cl. 310-60.00R.

Shigaki, Masanobu, to Kabushiki Kaisha Takuma. Incinerator and method of reducing NO_x emissions. 4,495,872, 1-29-85, Cl. 110-190.000.

Shigaki, Masanobu, to Kabushiki Kaisha Takuma. Stoker type firing equipment for use with city refuse incinerator. 4,510,873, 4-16-85, Cl. 110-289.000.

Shigaki, Masanobu, to Kabushiki Kaisha Takuma. City refuse incinerator for the prevention of clinker formation. 4,512,266, 4-23-85, Cl. 110-204.000.

Shigehiro, Koga; Yoshihisa, Kanazawa; Takeshi, Okamoto; Masafumi, Yamanouchi; and Kazumichi, Shudo, to Chisso Corporation. Soft vinyl chloride resin composition. 4,528,306, 7-9-85, Cl. 523-219.000.

Shigei, Tetsuro: *See—*

Ogawa, Hiroyasu; Shigei, Tetsuro; Takahashi, Hayashi; Okabe, Tetuya; and Miyatake, Fumio, 4,536,448, Cl. 428-394.000.

Shigeki, Kiyoshi; and Maeno, Kunio, to Toyoda Gosei Co., Ltd. Colored weather strip. 4,513,044, 4-23-85, Cl. 428-122.000.

Shigemasa, Masayoshi: *See—*

Akutagawa, Hitoshi; Shigemasa, Masayoshi; and Hayashi, Hiroaki, 4,541,503, Cl. 180-249.000.

Shigemasa, Saito, to Fuji Electric Co., Ltd. Method of joining electrically conductive members. 4,493,964, 1-15-85, Cl. 219-78.020.

Shigemasa, Takashi; and Ichikawa, Yoshinori, to Tokyo Shibaura Denki Kabushiki Kaisha. Digital PID process control apparatus. 4,539,633, 9-3-85, Cl. 364-162.000.

Shigematsu, Kaisaburo; Shigematsu, Nobuo; and Okubo, Yukio, to Shigematsu Works Co., Ltd. Mask. 4,501,272, 2-26-85, Cl. 128-206.150.

Shigematsu, Kazuo: *See—*

Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, 4,525,826, Cl. 369-46.000.

Tsunoda, Yoshito; Miyauchi, Toshimitsu; and Shigematsu, Kazuo, 4,556,965, Cl. 369-45.000.

Shigematsu, Nobuo: *See—*

Shigematsu, Kaisaburo; Shigematsu, Nobuo; and Okubo, Yukio, 4,501,272, Cl. 128-206.150.

Shigematsu, Takashi; and Watanabe, Tomoyuki, to Toyota Jidosha Kabushiki Kaisha. Control for vehicle provided with continuously variable speed system power transmission. 4,546,673, 10-15-85, Cl. 74-866.000.

Shigematsu, Takashi: *See—*

Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.

Ina, Toshikazu; Kawai, Hisasi; Kohama, Tokio; Obayashi, Hideki; Sawada, Daisaku; and Shigematsu, Takashi, 4,517,648, Cl. 364-431.010.

Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.

Shigematsu Works Co., Ltd.: *See—*

Shigematsu, Kaisaburo; Shigematsu, Nobuo; and Okubo, Yukio, 4,501,272, Cl. 128-206.150.

Shigemi, Igarashi, to Sato Koki Company Ltd. DC-DC converter circuit. 4,495,447, 1-22-85, Cl. 315-241.00P.

Shigemitsu, Hideyuki, to Mitsubishi Rayon Co., Ltd. Polyamide resin composition excellent in plate adhesion. 4,562,221, 12-31-85, Cl. 524-456.000.

Shigemitsu, Mineo; Maruyama, Ichiyo; and Niimura, Shigeru, to Secom Co., Ltd. System for detecting an alarm. 4,536,751, 8-20-85, Cl. 340-545.000.

Shigemizu, Akihiko, to Takachiho Kogyo Yuugen Kaisha; and Kabushiki Kaisha Kansai Kougu Seisakusho. Crusher for concrete structures. 4,512,524, 4-23-85, Cl. 241-101.700.

Shigemoto, Hiromi, to Mitsui Petrochemical Industries, Ltd. Film of polymer mixture containing 4-methyl-1-petene polymer. 4,546,150, 10-8-85, Cl. 525-240.000.

Shigemoto, Shigeru: *See—*

Ohmura, Yasuhiro; Maruyama, Seiichiro; and Shigemoto, Shigeru, 4,525,529, Cl. 525-64.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, to Mita Industrial Co., Ltd. Copying apparatus having a copy sheet sorter. 4,515,464, 5-7-85, Cl. 355-14.00R.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Satonaka, Shinobu; Kaminaga, Seiji; and Ishito, Mitsuya, to Mita Industrial Co., Ltd. Apparatus for regulating the movement of a movable member. 4,519,702, 5-28-85, Cl. 355-51.000.

Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, to Mita Industrial Co., Ltd. Electrostatic copying apparatus. 4,551,009, 11-5-85, Cl. 355-15.000.

Shigemura, Yutaka: *See—*

Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.

Irie, Yoichiro; Shigemura, Yutaka; and Namba, Satoshi, 4,540,279, Cl. 355-69.000.

Kimura, Hiroshi; Hisajima, Masahiko; and Shigemura, Yutaka, 4,505,571, Cl. 355-3.0SH.

Shigenobu, Hiromichi; Nakabayashi, Takao; Akiyama, Kitio; Miida, Masao; and Karasawa, Hisashi, to Toshiba Electric Appliances Co., Ltd. Beverage brewing apparatus. 4,506,596, 3-26-85, Cl. 99-289.00T.

Shigenobu, Michio, to Canon Kabushiki Kaisha. Fixing device. 4,533,231, 8-6-85, Cl. 355-3.0FU.

Shigenobu, Michio, to Canon Kabushiki Kaisha. Heating-fixing device. 4,541,708, 9-17-85, Cl. 355-3.0FU.

Shigenobu, Michio; and Satomura, Hiroshi, to Canon Kabushiki Kaisha. Heating device. 4,544,828, 10-1-85, Cl. 219-216.000.

Shigenobu, Michio: *See—*
  Takahashi, Tohru; Tajima, Hatsuo; Shigenobu, Michio; and Washiyama, Shigemichi, 4,511,778, Cl. 219-10.55A.

Shigeru, Iwakoshi: *See—*
  Teruyuki, Ohba; Kazuo, Arai; Atushi, Yahagi; and Shigeru, Iwakoshi, 4,560,109, Cl. 239-583.000.

Shigeta, Isamu: *See—*
  Izutani, Kouji; Shigeta, Isamu; Nara, Akio; and Hayashi, Hidetaka, 4,539,108, Cl. 210-104.000.

Shigeta, Kengo: *See—*
  Sato, Takeshi; Tsuji, Syogo; Shigeta, Kengo; and Uenishi, Akira, 4,497,577, Cl. 356-336.000.

Shigeta, Masao; and Ojima, Teruhiko, to TDK Corporation. Saturable core consisting of a thin strip of amorphous magnetic alloy and a method for manufacturing the same. 4,558,297, 12-10-85, Cl. 336-213.000.

Shigeta, Masatomo; Fukuda, Hiroyuki; Saitoh, Kuniyuki; and Kaji, Hisatsugu, to Kureha Kagaku Kogyo Kabushiki Kaisha. Multilayer fuel cell electrode substrate having elongated holes for feeding reactant gases. 4,522,895, 6-11-85, Cl. 429-44.000.

Shigeta, Masatomo; and Fukuda, Hiroyuki, to Kureha Kagaku Kogyo Kabushiki Kaisha. Ribbed substrate for fuel cell electrode. 4,547,418, 10-15-85, Cl. 428-167.000.

Shigeta, Sadaaki: *See—*
  Nemoto, Yuhei; Shigeta, Sadaaki; and Yokokawa, Yoshio, 4,5[illegible]8,889, Cl. 430-273.000.

Shigeta, Tatsuo, to Think Laboratory Co., Ltd. Apparatus for automatically attaching and detaching cassette-type rolls. 4,519,887, 5-28-85, Cl. 204-212.000.

Shigetomi, Masayoshi: *See—*
  Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
  Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.

Shigihara, Shigeyuki; and Tadokoro, Masahiro, to Shinko Electric Co., Ltd. Apparatus for and method of desulfurizing and heating molten metal. 4,512,801, 4-23-85, Cl. 75-58.000.

Shih, Arnold: *See—*
  Haas, George A.; Shih, Arnold; and Marrian, Christie R. K., 4,492,866, Cl. 250-305.000.

Shih, Chi-Kai: *See—*
  Hagman, John F.; and Shih, Chi-Kai, 4,520,169, Cl. 525-185.000.

Shih, Chien-Cheng J.: *See—*
  La Mori, Phillip N.; and Shih, Chien-Cheng J., 4,5[illegible],169, Cl. 423-231.000.

Shih, Hung-Dah: *See—*
  Saunier, Paul; and Shih, Hung-Dah, 4,558,337, Cl. 357-22.000.

Shih, Hung Y., to DeGeorge Ceilings, Inc. Ceiling fan. 4,515,538, 5-7-85, Cl. 417-572.000.

Shih, Kelvin: *See—*
  Hochstein, Peter A.; and Shih, Kelvin, 4,500,795, Cl. 307-141.000.

Shih, Kwang K.: *See—*
  Aviram, Ari; and Shih, Kwang K., 4,491,431, Cl. 400-241.100.
  Aviram, Ari; and Shih, Kwang K., 4,491,432, Cl. 400-241.100.

Shih, Stuart S., to Mobil Oil Corporation. Process for stabilizing hydroprocessed lubricating oil stocks by the a[illegible] of hydrogen sulfide. 4,549,955, 10-29-85, Cl. 208-59.000.

Shih, Tsung-Shen T.; and Becker, Eckhard R., to Atlantic Richfield Company. Separation of isopropyl alcohol from tertiary butyl alcohol by selective adsorption. 4,543,432, 9-24-85, Cl. 568-917.000.

Shih, Yen-Jer, to National Starch and Chemical Corporation. One-package aqueous latices containing alkaline-curable self-crosslinking polymers. 4,546,140, 10-8-85, Cl. 524-394.000.

Shihabi, David S., to Mobil Oil Corporation. Zeolite activation. 4,559,314, 12-17-85, Cl. 502-71.000.

Shii, Kazuo; Kobayashi, Hiroyuki; Kubozoe, Morioki; and Isakozawa, Shigeto, to Hitachi, Ltd. Image distortion-free, image rotation-free electron microscope. 4,494,000, 1-15-85, Cl. 250-311.000.

Shiiba, Minoru: *See—*
  Kohno, Atsuo; and Shiiba, Minoru, 4,557,574, Cl. 354-288.000.
  Ohmura, Hiroshi; Kohno, Atsuo; Shiiba, Minoru; and Tanaka, Tsutomu, 4,493,542, Cl. 354-82.000.

Shiibayashi, Masao, to Hitachi, Ltd. Scroll fluid apparatus with displaced centers for the scroll member end plates. 4,494,914, 1-22-85, Cl. 418-55.000.

Shiibayashi, Masao: *See—*
  Hazaki, Eiichi; Imai, Masaya; Tojo, Kenji; and Shiibayashi, Masao, 4,555,224, Cl. 418-55.000.
  Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.

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  Kawakami, Yukichika; Shiiki, Zenya; and Iizuka, Yo, 4,537,953, Cl. 528-388.000.

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  Ode, Sadao; Hatsuse, Toshikazu; and Shiina, Hiroshi, 4,543,692, Cl. 24-616.000.

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  Takano, Hiroshi; and Shiinoki, Kunikatsu, 4,555,241, Cl. 474-261.000.

Shiio, Tsuyoshi: *See—*
  Udaka, Shigezo; Miyashiro, Shigeyoshi; Shimizu, Eikou; and Shiio, Tsuyoshi, 4,507,282, Cl. 424-117.000.
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  Kaneko, Toshiaki; Takita, Ichiro; and Shikano, Hiroshi, 4,539,301, Cl. 501-99.000.

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  Kuroda, Nobuyuki; Nakamura, Toru; Shikatani, Yutaka; Matsuura, Kazuo; and Miyoshi, Mitsuji, 4,507,448, Cl. 526-125.000.
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Shike, Kazuyoshi: *See—*
  Kuwajima, Hideji; Shike, Kazuyoshi; and Watanabe, Takeyoshi, 4,491,618, Cl. 428-241.000.

Shike, Toyohiko: *See—*
  Yoshida, Kenji; Nakazawa, Makoto; Shike, Toyohiko; Tomida, Masayuki; Tsuda, Masataka; and Teraoka, Toru, 4,510,154, Cl. 514-365.000.

Shiken, Ltd.: *See—*
  Nakagawa, Yoshinori; Yoneda, Tsutomu; and Matsuda, Shoji, 4,526,570, Cl. 604-20.000.

Shikimi, Katsuji: *See—*
  Matsumoto, Takeshi; Yoshida, Shuji; and Shikimi, Katsuji, 4,506,757, Cl. 180-294.000.

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  Suso, Norimitsu, 4,526,211, Cl. 139-430.000.

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  Kobayashi, Hisamine; and Ishihara, Toshiro, 4,505,072, Cl. 51-164.200.
  Kobayashi, Hisamine; Ishiguro, Tomihiro; and Murata, Akio, 4,517,771, Cl. 51-163.200.

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  Sawa, Natsuo; Suzuki, Toshihiro; and Okazaki, Shinji, 4,514,556, Cl. 528-117.000.

Shikoku Electric Power Company, Inc.: *See—*
  Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.

Shikoku Kakooki Co., Ltd.: *See—*
  Joo, Katsuhiro, 4,504,350, Cl. 156-380.800.

Shiley Incorporated: *See—*
  Diettrich, Lambert J., Jr.; and Servas, Francis M., 4,556,489, Cl. 210-321.300.
  Seiler, Louis, Jr.; and Rosenbluth, Robert F., 4,550,447, Cl. 623-1.000.
  Servas, Frank; Lewin, John E.; Pavlov, Tudor; and Diettrich, Lambert J., Jr., 4,559,999, Cl. 165-156.000.
  Woodroof, E. Aubrey; and Yang, Philip S., 4,502,159, Cl. 3-1.400.

Shilling, Norman Z., to General Electric Environmental Services, Inc. High capacity gas filter system. 4,521,231, 6-4-85, Cl. 55-302.000.

Shillington, Richard A.; and Oberschmidt, Alec, to Med-Safe Systems, Inc. Locking closure for disposable containers. 4,502,606, 3-5-85, Cl. 215-274.000.

Shils, Alan J.; and Ianni, John P., Jr., to International Business Machines Corporation. Laser written chip identification method. 4,510,673, 4-16-85, Cl. 29-574.000.

Shilston, Norman L.: *See—*
- Clapp, Craig S. K.; Shilston, Norman L.; Jolivet, Jean-Claude R.; Devimeux, Daniel P.; and Riou, Armand, 4,562,466, Cl. 358-133.000.

Shim, Jaewon L., to Merck & Co., Inc. Gellan gum/gelatin blends. 4,517,216, 5-14-85, Cl. 426-573.000.

Shim, Jaewon L.: *See—*
- Baird, John K.; and Shim, Jaewon L., 4,503,084, Cl. 426-573.000.

Shim, Joosup, to Mobil Oil Corporation. Multifunctional additives. 4,511,481, 4-16-85, Cl. 252-32.500.

Shim, Peter B. S. Bi-directional feed dog mechanism for sewing machine. 4,539,925, 9-10-85, Cl. 112-314.000.

Shima, Atsushi: *See—*
- Nozawa, Ryoichiro; Nagamine, Tsuyoshi; and Shima, Atsushi, 4,550,378, Cl. 364-474.000.

Shima, Ichiji; Teshima, Hiroshi; Koizumi, Takayuki; and Usami, Teruo, to Mitsubishi Denki Kabushiki Kaisha; Shima, Ichiji; and Teshima, Hiroshi. Bearing failure judging apparatus. 4,493,042, 1-8-85, Cl. 364-507.000.

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- Shima, Masahiro, 4,510,775, Cl. 66-77.000.
- Shima, Masahiro, 4,526,017, Cl. 66-71.000.

Shima, Katsuhiko: *See—*
- Yamahira, Yoshiya; Shima, Katsuhiko; Matsusaka, Chikako; and Noguchi, Tetsuo, 4,514,386, Cl. 424-81.000.

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- Inaba, Hiromi; Shima, Seiya; Ando, Takeki; Kurosawa, Toshiaki; Katayama, Yasunori; Hatakeyama, Takanobu; and Hokari, Sadao, 4,553,640, Cl. 187-29.00R.
- Tsuboi, Nobuyoshi; Shima, Seiya; Kanasaki, Morio; and Nakazawa, Hayashi, 4,499,986, Cl. 198-322.000.

Shima, Tetsuo: *See—*
- Matsuzaki, Masatoshi; Yamazaki, Toshinori; Myokan, Isao; Shima, Tetsuo; and Nomori, Hiroyuki, 4,495,262, Cl. 430-58.000.
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- Kojima, Yasuo; and Shimada, Fumio, 4,547,456, Cl. 430-330.000.
- Nishi, Shinichi; Satoh, Taxey; Shimada, Fumio; and Takahashi, Toshiaki, 4,536,471, Cl. 430-495.000.
- Tsuchino, Hisanori; Teshima, Manami; Takeuchi, Hiroshi; and Shimada, Fumio, 4,507,379, Cl. 430-139.000.

Shimada, Haruo: *See—*
- Toyoda, Kazuhiro; and Shimada, Haruo, 4,536,860, Cl. 365-190.000.

Shimada, Hiroshi, to Fujitsu Limited. Level converter circuit. 4,538,076, 8-27-85, Cl. 307-475.000.

Shimada, Hiroshi, to Fujitsu Limited. Protective device for a semiconductor integrated circuit including double polysilicon resistor. 4,541,002, 9-10-85, Cl. 357-51.000.

Shimada, Hisashi; Arai, Tohru; and Endo, Junji, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Apparatus for physical vapor deposition. 4,514,275, 4-30-85, Cl. 204-298.000.

Shimada, Junichi: *See—*
- Kikuchi, Keisuke; Morikawa, Takitaro; Shimada, Junichi; and Sakurai, Kenjiro, 4,557,566, Cl. 350-413.000.
- Mitsuhashi, Yoshinobu; and Shimada, Junichi, 4,549,300, Cl. 372-50.000.

Shimada, Kazunari: *See—*
- Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, 4,528,251, Cl. 429-25.000.

Shimada, Keiichiro: *See—*
- Nakano, Kenji; Takahashi, Takao; Moriwaki, Hisayoshi; and Shimada, Keiichiro, 4,533,963, Cl. 360-19.100.

Shimada, Keizo; Sasaki, Hideharu; Mera, Hiroshi; Sawaki, Toru; and Aoki, Akihiro, to Teijin Limited. Wholly aromatic halogenated polyamide fiber and film. 4,507,467, 3-26-85, Cl. 528-348.000.

Shimada, Keizo: *See—*
- Aito, Yuzo; and Shimada, Keizo, 4,532,275, Cl. 523-468.000.
- Sasaki, Hideharu; and Shimada, Keizo, 4,498,957, Cl. 162-146.000.
- Tamura, Yorikazu; Aoki, Akihiro; and Shimada, Keizo, 4,529,763, Cl. 524-230.000.

Shimada, Kengo; Chiba, Yutaka; and Sanuki, Toshio, to Victor Company of Japan, Ltd. Just intonation electronic keyboard instrument. 4,498,363, 2-12-85, Cl. 84-1.010

Shimada, Kiyoshi: *See—*
- Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,531,484, Cl. 123-192.00R.
- Kimura, Akira; Ishihama, Masao; Abe, Toshiro; Shimada, Kiyoshi; and Matsui, Shinichi, 4,537,275, Cl. 180-300.000.

Shimada, Kiyotaka: *See—*
- Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.

Shimada, Masaru; and Sasaki, Masaomi, to Ricoh Company, Ltd. Aqueous ink composition. 4,500,355, 2-19-85, Cl. 106-22.000.

Shimada, Masayoshi; Iizuka, Yasuhiro; and Hukazu, Tetuo, to Toyo Boseki Kabushiki Kaisha. Electrode for flowcell. 4,496,637, 1-29-85, Cl. 429-44.000.

Shimada, Masayoshi; Komagata, Hideki; and Iizuka, Yasuhiro, to Toyo Boseki Kabushiki Kaisha. Metal-halogen secondary battery. 4,505,994, 3-19-85, Cl. 429-101.000.

Shimada, Masayoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Surface defect detecting apparatus. 4,507,564, 3-26-85, Cl. 250-563.000.

Shimada, Nobuyoshi: *See—*
- Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, 4,495,347, Cl. 536-24.000.
- Umezawa, Hamao; Takeuchi, Tomio; Ishizuka, Masaaki; Takita, Tomohisa; Shimada, Nobuyoshi; and Kato, Kuniki, 4,530,998, Cl. 536-24.000.

Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; and Nishihara, Motohisa, to Hitachi, Ltd. Capacitive pressure sensor. 4,495,820, 1-29-85, Cl. 73-724.000.

Shimada, Satoshi; Murayama, Ken; Kobori, Shigeyuki; and Kawakami, Kanji, to Hitachi, Ltd.; and Hitachi Construction Machinery Co., Ltd. Pressure sensor with improved semiconductor diaphragm. 4,511,878, 4-16-85, Cl. 338-4.000.

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- Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, 4,550,612, Cl. 73-727.000.

Shimada, Shigeru; Kuroda, Akira; Tomiuga, Junichi; and Ishikawa, Shinzi, to Hodogaya Chemical Co., Ltd. Water-base polyurethane emulsion. 4,507,430, 3-26-85, Cl. 524-839.000.

Shimada, Shigeru; Kakumoto, Shigeru; and Abe, Osamu, to Hitachi, Ltd. Line recognition. 4,550,434, 10-29-85, Cl. 382-9.000.

Shimada, Shigeru: *See—*
- Kubota, Yuichi; Nishimatsu, Masaharu; and Shimada, Shigeru, 4,559,265, Cl. 428-336.000.
- Nishimatsu, Masaharu; Kubota, Yuichi; Tamazaki, Kazunori; and Shimada, Shigeru, 4,560,617, Cl. 428-423.100.

Shimada, Shinichi: *See—*
- Nagase, Hidenobu; Suzuki, Shigeru; and Shimada, Shinichi, 4,519,371, Cl. 123-470.000.

Shimada, Takanobu: *See—*
- Hasegawa, Takanori; and Shimada, Takanobu, 4,505,199, Cl. 101-127.100.

Shimada, Takeo: *See—*
- Matsuura, Mitsuyuki; Kageyama, Yoshiteru; Hagiwara, Akito; and Shimada, Takeo, 4,530,983, Cl. 526-125.000.

Shimada, Takeshi: *See—*
- Miyatake, Kimio; Ishida, Kozo; Ebi, Hiroyuki; and Shimada, Takeshi, 4,499,378, Cl. 250-343.000.

Shimada, Toshiyuki, to Sony Corporation. Method and apparatus for encoding a digital signal with a low DC component. 4,499,454, 2-12-85, Cl. 340-347.0DD.

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Shimada, Yasuo: *See—*
- Wachi, Sadayuki; Ohiwa, Kenichi; Shimada, Yasuo; and Hino, Takao, 4,553,931, Cl. 432-246.000.

Shimada, Yoshio: *See—*
- Moteki, Murato; Shimada, Yoshio; Tanaka, Fumihiro; Watanabe, Fumio; and Komatsu, Kazuyuki, 4,540,992, Cl. 346-76.0PH.

Shimada, Yutaka; Mukasa, Koichi; Hatanai, Takashi; and Nakashima, Keishi, to Alps Electric Co., Ltd. Soft magnetic material. 4,557,769, 12-10-85, Cl. 148-31.550.

Shimada, Yuzo: *See—*
- Utsumi, Kazuaki; Shimada, Yuzo; Suzuki, Masanori; and Takamizawa, Hideo, 4,536,435, Cl. 428-209.000.

Shimadzu Corporation: *See—*
- Akiyama, Osamu, 4,540,281, Cl. 356-325.000.
- Fujinaga, Yasuhiro, 4,553,619, Cl. 177-185.000.

- Hishikawa, Yasuo; Mitani, Hisashi; and Ando, Masanao, 4,526,483, Cl. 384-106.000.
- Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito, 4,511,095, Cl. 242-18.00G.
- Kadota, Toshimi; Suzuki, Jugoro; and Matsui, Shigeki, 4,523,484, Cl. 73-864.120.
- Kawara, Toshio; and Shibahara, Yoshihumi, 4,494,022, Cl. 310-14.000.
- Komoto, Akira, 4,511,883, Cl. 340-347.0AD.
- Komoto, Akira, 4,542,799, Cl. 177-177.000.
- Komoto, Akira, 4,548,288, Cl. 177-180.000.
- Miki, Masayuki; and Tanigaki, Tetsuya, 4,506,590, Cl. 91-35.000.
- Nakamura, Kenji; and Ideno, Shigeru, 4,517,550, Cl. 340-347.0CC.
- Nakaoka, Eiichi, 4,507,610, Cl. 324-238.000.
- Okazaki, Nobuo, 4,508,449, Cl. 356-30.000.
- Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, 4,523,994, Cl. 210-500.200.
- Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, 4,554,362, Cl. 549-352.000.
- Yamamoto, Hiroshi, 4,544,271, Cl. 356-328.000.
- Yamauchi, Hiroshi, 4,546,254, Cl. 250-305.000.
- Yano, Shozo; Komoto, Akira; and Fujinaga, Yasuhiro, 4,493,384, Cl. 177-25.000.

Shimago, Kozo: *See—*
- Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,496,739, Cl. 548-321.000.
- Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,544,635, Cl. 435-121.000.
- Takahashi, Takeo; Shimago, Kozo; and Maeshima, Kaoru, 4,537,973, Cl. 548-303.000.

Shimakawa, Katsuhiko: *See—*
- Ohzeki, Osamu; Shimakawa, Katsuhiko; and Mashino, Zenichi, 4,539,012, Cl. 44-51.000.

Shimakawa, Yoshiaki: *See—*
- Otabe, Norio; Shimakawa, Yoshiaki; and Uematsu, Hiroshi, 4,492,042, Cl. 34-35.000.

Shimakura, Yoshiteru: *See—*
- Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, 4,539,230, Cl. 427-230.000.
- Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, 4,542,195, Cl. 526-62.000.

Shimalla, Charles J., to Chicopee. Extensible microfine fiber laminate. 4,555,811, 12-3-85, Cl. 2-51.000.

Shimamori, Toru; Hattori, Yoshinori; and Matsuo, Yasushi, to NGK Spark Plug Co., Ltd. Silicon nitride sintered products having high corrosion resistance and process for production thereof. 4,499,192, 2-12-85, Cl. 501-97.000.

Shimamoto, Akira: *See—*
- Matsui, Isamu; Yamamoto, Yoshio; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimamoto, Akira, 4,544,107, Cl. 242-35.50A.

Shimamoto, Hiroshi, to Namiki Precision Jewel Co., Ltd. Reproducing stylus and method of making same. 4,521,877, 6-4-85, Cl. 369-173.000.

Shimamoto, Ichiji: *See—*
- Kumokawa, Takashi; Tamada, Minoru; Shimamoto, Ichiji; and Uda, Kiyoko, 4,498,067, Cl. 336-65.000.
- Tamada, Minoru; Kumokawa, Takashi; and Shimamoto, Ichiji, 4,553,123, Cl. 336-83.000.

Shimamoto, Kunihiro; Hatanaka, Hiroshi; Seki, Shinichiro; and Orita, Ryozo, to Toyo Kasei Kogyo Co., Ltd. Method for the production of thioalkylene glycols. 4,493,938, 1-15-85, Cl. 568-62.000.

Shimamoto, Mamoru: *See—*
- Yamada, Takashi; and Shimamoto, Mamoru, 4,549,099, Cl. 307-359.000.

Shimamoto, Takeshi: *See—*
- Arai, Kazuo; and Shimamoto, Takeshi, 4,492,581, Cl. 434-128.000.

Shimamune, Takayuki: *See—*
- Asano, Hiroshi; Shimamune, Takayuki; and Goto, Toshiki, 4,498,942, Cl. 156-151.000.
- Asano, Hiroshi; Shimamune, Takayuki; and Hirao, Kazuhiro, 4,502,931, Cl. 204-192.00C.
- Asano, Hiroshi; Shimamune, Takayuki; Hirao, Kazuhiro; and Hirayama, Ryuta, 4,554,176, Cl. 427-125.000.
- Asano, Hisoshi; Shimamune, Takayuki; Goto, Toshiki; and Hosonuma, Masashi, 4,500,405, Cl. 204-290.00F.

Shimamura, Hayato; and Maeda, Osamitsu, to Misuzu Machineries & Engineering Ltd.; and Toner Tanker K.K. Ballast exhaust pipe closing appliance for a ship. 4,550,751, 11-5-85, Cl. 138-93.000.

Shimamura, Isao: *See—*
- Watanabe, Hiroshi; Shimamura, Isao; Abe, Masao; and Mizusawa, Masashi, 4,526,671, Cl. 204-37.600.

Shimamura, Morihiko, to Jidosha Kiki Co., Ltd. Brake power servo booster. 4,506,592, 3-26-85, Cl. 92-101.000.

Shimamura, Morihiko; and Uyama, Shintaro, to Jidosha Kiki Co., Ltd. Brake power servo booster. 4,508,009, 4-2-85, Cl. 91-376.00R.

Shimamura, Shin: *See—*
- Numura, Yoshihisa; and Shimamura, Shin, 4,549,104, Cl. 310-67.00R.

Shimamura, Takeo: *See—*
- Kurosawa, Ryoichi; and Shimamura, Takeo, 4,555,755, Cl. 363-160.000.

Shimamura, Toshikazu: *See—*
- Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi, 4,554,202, Cl. 428-225.000.

Shimano, Akira: *See—*
- Uchida, Hiroshi; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimano, Akira, 4,545,551, Cl. 242-35.50A.

Shimano Industrial Company Limited: *See—*
- Hamayasu, Norio, 4,503,634, Cl. 43-44.830.
- Hideo, Noda, 4,546,937, Cl. 242-219.000.
- Hitomi, Yasuhiro, 4,555,072, Cl. 242-84.50R.
- Hotta, Masashi, 4,509,645, Cl. 206-545.000.
- Matsushima, Shiro, 4,561,604, Cl. 242-84.20R.
- Morimoto, Shinichi, 4,558,828, Cl. 242-7.190.
- Nagano, Masashi, 4,507,101, Cl. 474-82.000.
- Nagano, Masashi, 4,519,791, Cl. 474-152.000.
- Nagano, Masashi, 4,522,610, Cl. 474-141.000.
- Nagano, Masashi, 4,528,865, Cl. 74-551.400.
- Nagano, Masashi, 4,530,677, Cl. 474-80.000.
- Nagano, Masashi, 4,532,825, Cl. 74-532.000.
- Nagano, Masashi, 4,543,847, Cl. 74-480.00R.
- Nagano, Masashi, 4,546,858, Cl. 188-24.190.
- Nagano, Masashi, 4,551,121, Cl. 474-140.000.
- Nakajima, Hideki, 4,544,111, Cl. 242-84.52B.
- Nakajima, Hideki, 4,561,605, Cl. 242-84.52B.
- Noda, Hideo, 4,548,370, Cl. 242-211.000.
- Sato, Jun, 4,512,536, Cl. 242-218.000.
- Sato, Jun, 4,513,930, Cl. 242-218.000.
- Sato, Jun; and Nakajima, Hideki, 4,522,354, Cl. 242-219.000.
- Shimano, Keizo, 4,503,729, Cl. 74-551.100.
- Shimano, Keizo, 4,523,492, Cl. 74-594.400.
- Takeda, Nobumi, 4,526,059, Cl. 74-594.400.
- Yoshikawa, Osamu, 4,529,142, Cl. 242-84.50A.

Shimano, Keizo, to Shimano Industrial Company Limited. Drop type handle for a bicycle. 4,503,729, 3-12-85, Cl. 74-551.100.

Shimano, Keizo, to Shimano Industrial Company Limited. Pedal for a bicycle. 4,523,492, 6-18-85, Cl. 74-594.400.

Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, to Nippon Kayaku Kabushiki Kaisha. Heterocyclic compound and a herbicidal composition containing said compound. 4,531,964, 7-30-85, Cl. 71-92.000.

Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, to Nippon Kayaku Kabushiki Kaisha. 1H[1,2,4]-triazolo[1,2-a]pyridazine-1,3-diones useful as herbicides. 4,561,880, 12-31-85, Cl. 71-92.000.

Shimano, Shizuo: *See—*
- Yoshida, Hiroshi; Koike, Kengo; Shimano, Shizuo; Nakagawa, Taizo; and Ohmori, Kaoru, 4,500,536, Cl. 514-397.000.

Shimanuki, Koji: *See—*
- Nishizawa, Jun-ichi; Ohmi, Tadahiro; Murakoshi, Makoto; and Shimanuki, Koji, 4,504,865, Cl. 358-213.000.
- Nishizawa, Junichi; Tamamushi, Takashige; Shimanuki, Koji; and Inuiya, Masafumi, 4,524,391, Cl. 358-213.000.
- Nishizawa, Junichi; Tamamushi, Takashige; Ando, Fumihiko; Yoshikawa, Shigeo; and Shimanuki, Koji, 4,525,742, Cl. 358-213.000.

Shimaoogi, Toshio: *See—*
- Shimoma, Taketoshi; Fukuda, Kumio; and Shimaoogi, Toshio, 4,495,439, Cl. 313-412.000.

Shimasaki, Keiichi: *See—*
- Takenaka, Akira; Shimasaki, Keiichi; and Kuwazuru, Yasumitsu, 4,509,803, Cl. 308-5.00R.

Shimase, Akira: *See—*
- Tamura, Hifumi; Okano, Hiroshi; Ishitani, Tohru; and Shimase, Akira, 4,560,907, Cl. 315-111.010.
- Yamaguchi, Hiroshi; Miyauchi, Tateoki; Shimase, Akira; and Hongo, Mikio, 4,503,329, Cl. 250-309.000.

Shimatani, Saburo: *See—*
- Hira, Yutaka; Ukai, Yoshitaka; Akuzawa, Yoshihide; Aoki, Osamu; and Shimatani, Saburo, 4,509,874, Cl. 400-691.000.

Shimauchi, Yasutaka: *See—*
- Yoshioka, Takeo; Yamamoto, Kenichi; Fukagawa, Yasuo; Shimauchi, Yasutaka; and Ishikura, Tomoyuki, 4,517,127, Cl. 260-245.20T.

Shimaya, Tetsushi: *See—*
- Mizukami, Akihiko; and Shimaya, Tetsushi, 4,553,530, Cl. 126-422.000.

Shimazaki, Fumio; Asai, Koji; and Ohno, Jiro, to Shibata, Komei. Shaft and a method for producing the same. 4,555,113, 11-26-85, Cl. 273-80.00B.

Shimazaki, Hiroshi: *See—*
- Ikeuchi, Satoru; Inaba, Yoshihiro; Shimazaki, Hiroshi; and Kobayashi, Tatsuhiko, 4,533,621, Cl. 430-213.000.
- Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,512,893, Cl. 210-500.200.
- Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,528,004, Cl. 55-158.000.

Shimazaki, Kenji: *See—*
- Izumi, Kazuo; Shimazaki, Kenji; and Seki, Kenji, 4,508,851, Cl. 502-426.000.
- Ogawa, Hiroyasu; Izumi, Kazuo; and Shimazaki, Kenji, 4,520,623, Cl. 57-236.000.

Shimazaki, Masahiro, to Mitsuboshi Belting Ltd. Ultrasonic working apparatus. 4,540,113, 9-10-85, Cl. 228-1.100.

Shimazaki, Norihiko: *See—*
- Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,493,832, Cl. 424-199.000.
- Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,562,179, Cl. 514-77.000.

Shimazaki, Taiichi; and Takenaka, Masahico, to Honda Giken Kogyo Kabushiki Kaisha. Parking lock device for motor tricycles. 4,534,439, 8-13-85, Cl. 180-215.000.

Shimazaki, Takashi; and Nagata, Niro, to Kabushiki Kaisha Toshiba. Developing apparatus. 4,528,936, 7-16-85, Cl. 118-653.000.

Shimazaki, Takeshi: *See*—

Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, 4,526,835, Cl. 428-413.000.

Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, 4,546,168, Cl. 528-107.000.

Shimazaki, Toru, to Yokogawa Medical Systems Limited. Phased-array receiver. 4,528,854, 7-16-85, Cl. 73-626.000.

Shimazaki, Yoshikazu: *See*—

Seto, Tadao; and Shimazaki, Yoshikazu, 4,503,095, Cl. 427-265.000.

Shimazu, Toshiaki, to Kabushiki Kaisha Daikin Seisakusho. Assistor for reducing stepping force. 4,553,470, 11-19-85, Cl. 91-6.000.

Shimba, Satoru: *See*—

Sugita, Hiroshi; Tsuda, Yasuo; Ito, Kenji; and Shimba, Satoru, 4,528,263, Cl. 430-544.000.

Shimbara, Hiroyuki, to Nissan Motor Company, Limited. Fuel pump control apparatus. 4,508,077, 4-2-85, Cl. 123-357.000.

Shimbara, Sakuzo, to Nifco Inc. Damper device. 4,542,810, 9-24-85, Cl. 188-290.000.

Shimbara, Sakuzo: *See*—

Sato, Youji; Omata, Nobuaki; and Shimbara, Sakuzo, 4,524,494, Cl. 24-453.000.

Shimbo, Masaru: *See*—

Furukawa, Kazuyoshi; Shimbo, Masaru; Fukuda, Kiyoshi; and Tanzawa, Katsujirou, 4,542,105, Cl. 501-22.000.

Shimbo, Osamu; Nguyen, Lan N.; and Dicks, Jack L., to International Telecommunications Satellite Organization. Equalizer for reducing crosstalk between two FDM/FM carriers in a satellite communications system. 4,500,984, 2-19-85, Cl. 370-6.000.

Shimeki, Yasuharu; Kato, Misao; Matsushima, Hiroshi; and Ishikawa, Toshiro, to Matsushita Electric Industrial Co., Ltd. Circuit arrangement and method for magnetic recording/reproducing. 4,525,753, 6-25-85, Cl. 360-45.000.

Shimeki, Yasuharu: *See*—

Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; Tsuji, Shiro; Kihara, Nobuyoshi; and Amano, Yoshinori, 4,544,962, Cl. 360-40.000.

Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; and Takeuchi, Kousou, 4,549,167, Cl. 340-347.0DD.

Shimer, Robert: *See*—

Hidler, Henry; Davey, Ernest; Hope, Lawrence L.; and Shimer, Robert, 4,544,091, Cl. 228-124.000.

Shimidzu, Yasutaka; Kenmochi, Hirohito; Ueno, Toshihiko; and Tani, Chizuka, to Sumitomo Chemical Company, Limited; and Nippon Electric Co., Ltd. Liquid crystal display device. 4,505,549, 3-19-85, Cl. 350-349.000.

Shimiya, Keiji: *See*—

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,507,563, Cl. 250-486.100.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,529,647, Cl. 428-323.000.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,536,436, Cl. 428-212.000.

Shimizu, Akihiko: *See*—

Inoue, Kiyoshi; and Shimizu, Akihiko, 4,527,034, Cl. 219-69.00G.

Inoue, Kiyoshi; Shimizu, Akihiko; and Yabe, Jinzo, 4,558,977, Cl. 409-80.000.

Shimizu, Akira: *See*—

Kasuga, Muneo; Shimizu, Akira; and Nishio, Tadashi, 4,500,199, Cl. 355-14.0CU.

Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.

Shimizu Construction Co., Ltd., The: *See*—

Tsubonuma, Yoshio; and Kawai, Tohru, 4,537,536, Cl. 405-267.000.

Shimizu, Eikou: *See*—

Udaka, Shigezo; Miyashiro, Shigeyoshi; Shimizu, Eikou; and Shiio, Tsuyoshi, 4,507,282, Cl. 424-117.000.

Shimizu, Etsuo: *See*—

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,507,563, Cl. 250-486.100.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,529,647, Cl. 428-323.000.

Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,536,436, Cl. 428-212.000.

Shimizu, Fumio, to Light Koki Co., Ltd. Waterproof bodytube for binoculars and the like. 4,502,763, 3-5-85, Cl. 350-582.000.

Shimizu, Fumio: *See*—

Yoshida, Mitsuaki; Sugano, Haruo; Shimizu, Fumio; and Imagawa, Kenichi, 4,525,300, Cl. 260-112.50R.

Shimizu, Goro; and Kitagawa, Yosuke, to Matsui Shikiso Chemical Co., Ltd. Method of flocking treatment. 4,560,604, 12-24-85, Cl. 428-87.000.

Shimizu, Haruo: *See*—

Tsukada, Masaharu; Kimizuka, Junichi; and Shimizu, Haruo, 4,496,238, Cl. 355-14.00D.

Shimizu, Hideki: *See*—

Omura, Satoshi; and Shimizu, Hideki, 4,503,152, Cl. 435-118.000.

Shimizu, Hideo: *See*—

Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, 4,527,208, Cl. 360-85.000.

Shimizu, Hirokazu; Itoh, Kunio; Sugino, Takashi; and Wada, Masaru, to Matsushita Electric Industrial Co., Ltd. Semiconductor laser. 4,546,478, 10-8-85, Cl. 372-36.000.

Shimizu, Hirokazu: *See*—

Sugino, Takashi; Itoh, Kunio; Wada, Masaru; and Shimizu, Hirokazu, 4,520,485, Cl. 372-48.000.

Shimizu, Hiromichi; Kuboshima, Akira; and Tanaka, Tadashi, to Daiwa Can Company, Limited. Method of multi-color printing on cylindrical container. 4,519,310, 5-28-85, Cl. 101-35.000.

Shimizu, Hiroshi, to Ushio Denki Kabushiki Kaisha. Method for heating semiconductor wafer by means of application of radiated light. 4,504,730, 3-12-85, Cl. 219-411.000.

Shimizu, Hiroshi, to Ushio Denki Kabushiki Kaisha. Radiant heating apparatus. 4,533,820, 8-6-85, Cl. 219-411.000.

Shimizu, Hiroshi; Abe, Masaki; and Sato, Akihiro, to Chisso Corporation. Catalyst component for α-olefin polymerization. 4,535,069, 8-13-85, Cl. 502-115.000.

Shimizu, Hiroshi, to Ushio Denki Kabushiki Kaisha. Method for heating semiconductor wafer by means of application of radiated light. 4,535,227, 8-13-85, Cl. 219-411.000.

Shimizu, Hiroshi; and Mizunuma, Yasuyuki, to NFC Corporation. High electromechanical-coupling coefficient surface acoustic wave device. 4,544,857, 10-1-85, Cl. 310-313.00B.

Shimizu, Hiroshi: *See*—

Arai, Tetsuji; Mimura, Yoshiki; and Shimizu, Hiroshi, 4,493,977, Cl. 219-411.000.

Arai, Tetsuji; and Shimizu, Hiroshi, 4,550,245, Cl. 219-405.000.

Mimura, Yoshiki; Arai, Tetsuji; Shimizu, Hiroshi; and Fukuda, Satoru, 4,535,228, Cl. 219-411.000.

Shimizu, Ikuo: *See*—

Yokoya, Satoshi; Numata, Norio; and Shimizu, Ikuo, 4,535,470, Cl. 381-15.000.

Shimizu, Isamu; and Arao, Kozo, to Canon Kabushiki Kaisha. Photoconductive member. 4,517,269, 5-14-85, Cl. 430-57.000.

Shimizu, Isamu: *See*—

Oshima, Noboru; Shimizu, Isamu; Yoshimura, Yoshito; Fujimaki, Tatsuo; and Tomita, Seisuke, 4,526,934, Cl. 525-332.900.

Oshima, Noboru; Shimizu, Isamu; and Yoshimura, Yoshito, 4,540,744, Cl. 525-332.900.

Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.

Shimizu, Isao, to Hitachi, Ltd. Emitter ballast resistor configuration. 4,500,900, 2-19-85, Cl. 357-36.000.

Shimizu, Isao: *See*—

Tsuji, Jiro; and Shimizu, Isao, 4,496,766, Cl. 568-346.000.

Shimizu, Isoo: *See*—

Yamazaki, Yasuo; Suzuki, Takehiko; Shimizu, Isoo; and Matsumura, Yasuo, 4,554,360, Cl. 549-261.000.

Shimizu, Iwao: *See*—

Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.

Shimizu, Junichi: *See*—

Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu, 4,556,429, Cl. 127-30.000.

Shimizu, Katsuhisa; and Magata, Yoshihiro, to Pioneer Electronic Corporation. Radio - cassette tape recorder/player system. 4,542,490, 9-17-85, Cl. 369-6.000.

Shimizu, Katsuichi: *See*—

Masuda, Shunichi; Shimizu, Katsuichi; Yagasaki, Toshiaki; and Sakamaki, Hisashi, 4,530,063, Cl. 364-518.000.

Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.

Shimizu, Katsumi: *See*—

Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi, 4,510,974, Cl. 138-137.000.

Shimizu, Katsunori: *See*—

Takada, Tadakazu; and Shimizu, Katsunori, 4,547,260, Cl. 156-643.000.

Shimizu, Kazufusa: *See*—

Minato, Hideo; Fujisaki, Tadashi; Shimizu, Kazufusa; and Koyanagi, Yoshiharu, 4,559,073, Cl. 71-9.000.

Shimizu, Kazuo; Masaoka, Yoshiji; and Takaoka, Mutsuro, to Sanyo-Kokusaku Pulp Co., Ltd. Film-forming composition comprising chlorinated polyalkylene glycol. 4,539,395, 9-3-85, Cl. 528-425.000.

Shimizu, Kazuo: *See*—

Hashimoto, Yasuyuki; and Shimizu, Kazuo, 4,544,295, Cl. 401-65.000.

Niwa, Shuichi; Imamura, Juichi; Mizukami, Fujio; Shimizu, Kazuo; and Orito, Yoshio, 4,495,373, Cl. 585-269.000.

Shimizu, Kazuyuki: *See*—

Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.

Tateishi, Terutaka; and Shimizu, Kazuyuki, 4,514,847, Cl. 371-51.000.

Shimizu, Keiichi: *See—*
- Kobayashi, Satoru; Masaki, Mikio; Sakuno, Hideaki; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,516,415, Cl. 70-252.000.
- Masaki, Mikio; Nara, Etuo; Shimizu, Keiichi; and Fukasawa, Takeshi, 4,495,786, Cl. 70-186.000.

Shimizu, Keiichiro: *See—*
- Funada, Fumiaki; and Shimizu, Keiichiro, 4,521,080, Cl. 350-341.000.
- Tanabe, Kenzo; and Shimizu, Keiichiro, 4,510,517, Cl. 357-34.000.

Shimizu, Keisuke: *See—*
- Kobayashi, Koji; and Shimizu, Keisuke, 4,548,333, Cl. 220-276.000.

Shimizu, Kenshi: *See—*
- Ishida, Takashi; Shimizu, Kenshi; and Kamiyama, Shuichi, 4,548,176, Cl. 123-342.000.

Shimizu, Kimiaki, to System Communications, Inc. Paper extractor. 4,519,911, 5-28-85, Cl. 210-478.000.

Shimizu, Kimihiro; Nakahara, Tsuguji; and Kinoshita, Taketoshi. Plasminogen activator derivatives. 4,495,285, 1-22-85, Cl. 435-215.000.

Shimizu, Kiyoshi: *See—*
- Harada, Susumu; and Shimizu, Kiyoshi, 4,528,347, Cl. 526-219.000.
- Harada, Susumu; Shimizu, Kiyoshi; and Serizawa, Hajime, 4,540,760, Cl. 526-211.000.
- Hayashi, Ikuo; Itikawa, Tadao; Ogihara, Keizo; and Shimizu, Kiyoshi, 4,525,576, Cl. 528-313.000.
- Hayashi, Ikuo; Ogihara, Keizo; Itikawa, Tadao; and Shimizu, Kiyoshi, 4,559,172, Cl. 260-112.50R.

Shimizu, Koichi: *See—*
- Kunimi, Nobuo; Shimizu, Koichi; and Suzuki, Toshiro, 4,538,114, Cl. 330-253.000.

Shimizu, Kouichi: *See—*
- Takakuwa, Eiji; Shimizu, Kouichi; and Kondo, Masahiro, 4,502,442, Cl. 123-417.000.

Shimizu, Kousaku: *See—*
- Tomioka, Shunzo; Nakano, Masaaki; Okano, Kinpei; Shimizu, Kousaku; and Yoda, Hiroaki, 4,545,741, Cl. 417-365.000.

Shimizu, Kunio, to Touto Denki Kabushiki Kaisha. Automatic stopping device of combustion fuel supply. 4,491,142, 1-1-85, Cl. 137-65.000.

Shimizu, Kunio; Kame, Yuichi; and Tsuji, Yoshimasa, to Asahi Kasei Kogyo Kabushiki Kaisha. Reflection preventive light-shielding screen and a process for producing the same. 4,506,953, 3-26-85, Cl. 350-276.00R.

Shimizu, Kyozo: *See—*
- Chiba, Fumitaka; and Shimizu, Kyozo, 4,525,809, Cl. 365-51.000.

Shimizu, Makoto, to Tokyo Shibaura Denki Kabushiki Kaisha. Image information registering/retrieving system. 4,544,956, 10-1-85, Cl. 358-296.000.

Shimizu, Makoto: *See—*
- Hayashi, Masahiro; Shimizu, Makoto; Kobayashi, Kazuo; and Sekiya, Teruo, 4,522,051, Cl. 72-235.000.
- Konishi, Hiroshi; and Shimizu, Makoto, 4,529,189, Cl. 271-22.000.

Shimizu, Masaaki; and Aihara, Akira, to Horizon Co., Ltd. Paper folding device. 4,518,380, 5-21-85, Cl. 493-420.000.

Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, to Terumo Corporation. Neem bark extracts. 4,515,785, 5-7-85, Cl. 424-195.100.

Shimizu, Masaki; and Nomura, Takeo, to Terumo Kabushiki Kaisha. Polysaccharides N9GI, their preparation and therapeutic compositions containing them. 4,536,496, 8-20-85, Cl. 514-54.000.

Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, to Terumo Kabushiki Kaisha. Hot-water extracts of neem bark. 4,537,774, 8-27-85, Cl. 424-195.100.

Shimizu, Masami; Omi, Junji; Watanabe, Kunio; Uchidoi, Masanori; and Aizawa, Hiroshi, to Canon Kabushiki Kaisha. Camera with printed circuit boards comprising resistance-conductor laminated constructions. 4,520,340, 5-28-85, Cl. 338-195.000.

Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, to Citizen Watch Co., Ltd. Grinding machine. 4,536,993, 8-27-85, Cl. 51-165.800.

Shimizu, Masami: *See—*
- Funyu, Yutaka; Okumura, Tadashi; Monno, Asao; and Shimizu, Masami, 4,491,731, Cl. 250-358.100.
- Matsuyama, Shinichi; and Shimizu, Masami, 4,538,891, Cl. 354-289.100.

Shimizu, Masao, to Takeda Riken Co., Ltd. Test pattern generating apparatus. 4,555,663, 11-26-85, Cl. 324-73.00R.

Shimizu, Masuto: *See—*
- Yaji, Motoyasu; Shimizu, Masuto; Yamanaka, Hiromitsu; and Koshikawa, Takao, 4,553,604, Cl. 164-453.000.

Shimizu, Motoharu; Noda, Noriyuki; and Noguchi, Yoshihiro, to Hitachi Metals, Ltd. Cylindrical permanent magnet and method of manufacturing. 4,547,758, 10-15-85, Cl. 335-302.000.

Shimizu, Motohiro; and Fujii, Shigeru, to Honda Giken Kogyo Kabushiki Kaisha. Automatic voltage regulating system for electric generator. 4,535,281, 8-13-85, Cl. 322-28.000.

Shimizu, Munetaka, to Copal Company Limited. Printing paper feed releasing device for printers. 4,533,270, 8-6-85, Cl. 400-636.000.

Shimizu, Mutsuhiro: *See—*
- Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, 4,511,631, Cl. 428-632.000.

Shimizu, Noboru: *See—*
- Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.

Shimizu, Nobuyoshi; Fujimoto, Terunori; Inui, Tsuneo; and Ishida, Masatoki, to Toyo Kohan Co., Ltd. Tin free steel having an excellent weldability and its production method. 4,508,790, 4-2-85, Cl. 428-632.000.

Shimizu, Nobuyoshi: *See—*
- Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, 4,511,631, Cl. 428-632.000.

Shimizu, Norihiko: *See—*
- Koide, Tsuyoshi; Shimizu, Norihiko; Komatsu, Yuichiro; and Maruyama, Toshio, 4,528,781, Cl. 51-281.00C.

Shimizu, Noriyuki: *See—*
- Oishi, Naoaki; Shimizu, Noriyuki; Shoji, Takashi; and Harada, Shoji, 4,492,730, Cl. 428-328.000.
- Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, 4,524,098, Cl. 428-156.000.
- Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, 4,524,100, Cl. 428-283.000.

Shimizu, Osamu; Goto, Hirofumi; and Matsukawa, Fumio, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha; and Mitsubishi Denki Kabushiki Kaisha. Display device with delay time compensation. 4,556,876, 12-3-85, Cl. 340-713.000.

Shimizu, Sakayu: *See—*
- Shiozaki, Shozo; Yamada, Hideaki; Tani, Yoshiki; and Shimizu, Sakayu, 4,562,149, Cl. 435-88.000.

Shimizu, Seiichi, to Canon Kabushiki Kaisha. Accessory holding device for optical instrument. 4,533,212, 8-6-85, Cl. 350-318.000.

Shimizu, Seiichi, to Canon Kabushiki Kaisha. Soft focusing lens assembly. 4,544,240, 10-1-85, Cl. 350-429.000.

Shimizu, Seiki: *See—*
- Arakawa, Hideo; Kuniya, Keiichi; Chiba, Akio; and Shimizu, Seiki, 4,497,875, Cl. 428-620.000.
- Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, 4,546,222, Cl. 200-144.00B.

Shimizu, Seizaburo: *See—*
- Kaneko, Nagao; Fujimori, Yoshinori; Shimizu, Seizaburo; and Obara, Shin, 4,549,107, Cl. 310-327.000.

Shimizu, Senzo; Nomura, Isao; Yamamiya, Kazuo; and Masuda, Tsuneaki, to Mitsubishi Gas Chemical Company, Inc. Resin composition for molding materials. 4,500,668, 2-19-85, Cl. 524-427.000.

Shimizu, Senzo: *See—*
- Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.

Shimizu, Shigeaki; Kubo, Yoshimi; Arai, Yoshio; Suzuki, Tetsuo; and Igarashi, Hitoshi, to NEC Corporation. Method of producing a porous body for electrolytic capacitor having a lead wire. 4,517,727, 5-21-85, Cl. 29-570.000.

Shimizu, Shigehisa: *See—*
- Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,508,438, Cl. 354-105.000.
- Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,519,701, Cl. 355-39.000.
- Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,544,259, Cl. 355-1.000.
- Kanaoka, Takeshi; Nakamura, Katutoshi; and Shimizu, Shigehisa, 4,548,492, Cl. 355-50.000.
- Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,553,833, Cl. 355-40.000.
- Kanaoka, Takeshi; and Shimizu, Shigehisa, 4,554,560, Cl. 346-108.000.

Shimizu, Shigemi, to Sanden Corporation. Scroll type fluid displacement apparatus and method of assembly. 4,552,517, 11-12-85, Cl. 418-55.000.

Shimizu, Shigemi, to Sanden Corporation. Lubricating mechanism for a scroll-type fluid displacement apparatus. 4,561,832, 12-31-85, Cl. 418-55.000.

Shimizu, Shigemi: *See—*
- Mabe, Atsushi; Shimizu, Shigemi; and Kawano, Akihiro, 4,547,138, Cl. 418-55.000.
- Sugimoto, Kazuo; Shimizu, Shigemi; and Terauchi, Kiyoshi, 4,545,746, Cl. 418-55.000.

Shimizu, Shigeo; and Kato, Toshio, to Victor Company of Japan, Ltd. Recording media comprising vertical magnetization layers essentially consisting of quaternary Co—Ni—Zn—P alloys. 4,517,257, 5-14-85, Cl. 428-694.000.

Shimizu, Shigeo: *See—*
- Koyama, Hiroaki; and Shimizu, Shigeo, 4,558,089, Cl. 524-509.000.

Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, to Chuo Yuka Co., Ltd.; Mitsui Toatsu Chemicals, Inc.; and Nippon Steel Corporation. Triurea grease compositions. 4,529,530, 7-16-85, Cl. 252-51.50A.

Shimizu, Shoichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Logic circuit using depletion mode field effect switching transistors. 4,491,747, 1-1-85, Cl. 307-446.000.

Shimizu, Shoichi: *See—*
- Yamada, Hisashi; and Shimizu, Shoichi, 4,542,370, Cl. 340-347.0AD.

Shimizu, Shoji, to Excell Corporation. Method for molding plastic products. 4,550,008, 10-29-85, Cl. 264-527.000.

Shimizu, Shoji; Asakawa, Shirow; Saito, Yukihiro; and Ito, Yoshimasa, to Matsushita Electric Industrial Co., Ltd.; and Osaka Gas Co., Ltd. High-temperature furnace having selectively permeable membranes for oxygen enrichment. 4,553,988, 11-19-85, Cl. 55-158.000.

Shimizu, Susumu: *See—*
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi;

- Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, to Nikkan Industries Co., Ltd. Board for additive circuits. 4,524,098, 6-18-85, Cl. 428-156.000.

Shimizu, Tadao; Shimizu, Noriyuki; and Harada, Shoji, to Nikkan Industries Co., Ltd. Inorganic composite and the preparation thereof. 4,524,100, 6-18-85, Cl. 428-283.000.

Shimizu, Takahiko; Fukui, Hishao; and Kohno, Tadashi, to Pentel Kabushiki Kaisha. Tubular writing tip having an outer reduced diameter portion. 4,525,092, 6-25-85, Cl. 401-265.000.

Shimizu, Takahiko: *See—*
- Saito, Sigeru; Shimizu, Takahiko; and Tamura, Takasi, 4,522,525, Cl. 401-258.000.

Shimizu, Takao: *See—*
- Nawa, Akiyoshi; and Shimizu, Takao, 4,493,971, Cl. 219-137.520.
- Nawa, Akiyoshi; Kato, Yoshiaki; and Shimizu, Takao, 4,531,040, Cl. 219-74.000.
- Segawa, Hirohisa; Kitani, Motoe; Shimizu, Takao; and Mizuno, Masanori, 4,560,857, Cl. 219-130.210.
- Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,494,954, Cl. 8-507.000.
- Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, 4,550,001, Cl. 264-2.600.
- Ukai, Jun; and Shimizu, Takao, 4,507,543, Cl. 219-137.0PS.

Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Automatic transmission for vehicles. 4,519,273, 5-28-85, Cl. 74-752.00A.

Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Vehicular automatic speed change gear assembly. 4,558,612, 12-17-85, Cl. 74-844.000.

Shimizu, Tasuku: *See—*
- Sugihara, Isao; Sagawa, Wataru; Ikegami, Tsukasa; and Shimizu, Tasuku, 4,505,763, Cl. 148-127.000.

Shimizu, Tohru; and Nakagawa, Junji, to Kyowa Gas Chemical Industry Co., Ltd. Plastic scintillator. 4,495,084, 1-22-85, Cl. 252-301.170.

Shimizu, Tohru: *See—*
- Uehara, Hiroshi; and Shimizu, Tohru, 4,504,616, Cl. 524-398.000.

Shimizu, Tokihiko: *See—*
- Hotta, Shu; Shimizu, Tokihiko; and Taguchi, Nobuyoshi, 4,541,830, Cl. 8-471.000.

Shimizu, Tokuzo, to Teac Corporation. Tape cassette having removable reels. 4,526,330, 7-2-85, Cl. 242-199.000.

Shimizu, Tokuzo. Reel supporting structure in open reel type tape cassette. 4,560,117, 12-24-85, Cl. 242-199.000.

Shimizu, Tooru: *See—*
- Yamaguchi, Keiki; Ogawa, Tadashi; Mitamura, Masayoshi; and Shimizu, Tooru, 4,532,644, Cl. 378-16.000.

Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, to Shin-Etsu Chemical Co., Ltd. Method for preventing deposition of polymer scale and a coating agent therefor. 4,539,230, 9-3-85, Cl. 427-230.000.

Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, to Shin-Etsu Chemical Co., Ltd. Method for preventing polymer scale deposition in the polymerization of an ethylenically unsaturated monomer. 4,542,195, 9-17-85, Cl. 526-62.000.

Shimizu, Toshihide: *See—*
- Koyanagi, Shunichi; Kitamura, Hajime; Shimizu, Toshihide; and Kaneko, Ichiro, 4,528,336, Cl. 526-62.000.
- Tsuchida, Michinori; Shimizu, Toshihide; Kaneko, Ichiro; and Abe, Tokuji, 4,543,382, Cl. 524-267.000.

Shimizu, Toshihiko, to Onoda Construction Materials Co., Ltd. Method for repairing and restoring deteriorated cement-containing inorganic material. 4,536,417, 8-20-85, Cl. 427-140.000.

Shimizu, Toshio; Satou, Takanori; Tsukui, Tsutomu; Doi, Ryouta; and Yamaguchi, Motoo, to Hitachi, Ltd. Liquid fuel cell. 4,562,123, 12-31-85, Cl. 429-27.000.

Shimizu, Toshio: *See—*
- Tsukui, Tsutomu; Shimizu, Toshio; Doi, Ryota; and Tsutsumi, Yasuyuki, 4,537,840, Cl. 429-33.000.

Shimizu, Tsuguo: *See—*
- Shintani, Yoichi; Wada, Kenichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,532,589, Cl. 364-200.000.
- Wada, Kenichi; Shintani, Yooichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,541,047, Cl. 364-200.000.

Shimizu, Tsutomu: *See—*
- Miyata, Jun; Yagii, Koji; and Shimizu, Tsutomu, 4,545,825, Cl. 148-3.000.

Shimizu, Wataru; and Yamashita, Akira, to Kabushiki Kaisha S G. Phase shift type linear position detection device. 4,556,886, 12-3-85, Cl. 340-870.320.

Shimizu, Yasumi; and Nakata, Tetsuya, to Osaka Soda Co., Ltd. Rubbery solid polymer or copolymer of glycidyl carboxylate and composition thereof. 4,530,994, 7-23-85, Cl. 525-403.000.

Shimizu, Yasuo; Asanuma, Nobuyoshi; and Kami, Yozo, to Honda Giken Kogyo Kabushiki Kaisha. Check valve in pressure control circuit. 4,504,081, 3-12-85, Cl. 280-714.000.

Shimizu, Yasuo, to Honda Giken Kogyo Kabushiki Kaisha. Variable ratio drive. 4,557,705, 12-10-85, Cl. 474-13.000.

Shimizu, Yoichi, to Kabushiki Kaisha Maruyama Seisakusho. Heddle frame. 4,506,707, 3-26-85, Cl. 139-91.000.

Shimizu, Yoichi, to Kabushiki Kaisha Maruyama Sessakusho. Apparatus for detection of end breakage in heddle frame. 4,523,614, 6-18-85, Cl. 139-355.000.

Shimizu, Yoshihiko: *See—*
- Senuma, Akitaka; Shimizu, Yoshihiko; and Tsukada, Kiroku, 4,501,711, Cl. 264-54.000.

Shimizu, Yoshihito, to Olympus Optical Co., Ltd. Leakage detector of endoscopes. 4,506,544, 3-26-85, Cl. 73-45.500.

Shimizu, Yoshiki: *See—*
- Ohmori, Akira; Tomih[illegible], N[illegible]uyuki; and Shimizu, Yoshiki, 4,529,785, Cl. 526-247 [illegible].
- Ohmori, Akira; Tomihas[illegible] Nob[illegible]yuki; Inukai, Hiroshi; and Shimizu, Yoshiki, 4,544,720, Cl. [illegible]-247.000.

Shimizu, Yoshimitsu: *See—*
- Maeda, Tetsuro; Okamoto, Akihiro; Shimizu, Yoshimitsu; and Nomoto, Takashi, 4,533,698, Cl. 525-73.000.

Shimizu, Yoshio; and Yokoya, Satoshi, to Sony Corporation. Pilot signal detecting circuit for AM stereo signals. 4,541,109, 9-10-85, Cl. 381-15.000.

Shimizu, Yukiharu: *See—*
- Niwa, Toshio; Hihara, Toshio; and Shimizu, Yukiharu, 4,500,455, Cl. 534-635.000.

Shimizu, Yutaka, to International Business Machines Corporation. Data processing system having shared memory. 4,491,909, 1-1-85, Cl. 364-200.000.

Shimizui, Tunehiko: *See—*
- Ayabe, Mitsukuni; Shimizui, Tunehiko; Kibayashi, Iwao; and Hirano, Hideki, 4,549,028, Cl. 548-308.000.

Shimkus, John W. X-ray film support. 4,507,799, 3-26-85, Cl. 378-177.000.

Shimmin, Bryan F.; and Pollard, James B., to Reed International P.L.C. Non-slip surface coatings. 4,518,641, 5-21-85, Cl. 428-150.000.

Shimoda, Hisanori: *See—*
- Suzuki, Jiro; Shimoda, Hisanori; and Kodama, Hisashi, 4,531,677, Cl. 239-520.000.

Shimoda, Ikuo: *See—*
- Izeki, Jiro; and Shimoda, Ikuo, 4,545,466, Cl. 188-268.000.
- Maeda, Katsutoshi; and Shimoda, Ikuo, 4,534,535, Cl. 248-636.000.

Shimoda, Michio; and Watanabe, Fumio, to Mitsubishi Denki Kabushiki Kaisha. Control system for strip configuration. 4,551,805, 11-5-85, Cl. 364-469.000.

Shimoda, Naokazu: *See—*
- Hasegawa, Yuzo; and Shimoda, Naokazu, 4,505,605, Cl. 400-208.000.

Shimoda, Shinichi: *See—*
- Murakami, Katsuyuki; Hirakata, Kaoru; Shimoda, Shinichi; and Itai, Reiichi, 4,495,048, Cl. 204-267.000.

Shimoda, Tatsuya: *See—*
- Okonogi, Itaru; and Shimoda, Tatsuya, 4,536,233, Cl. 148-101.000.

Shimoda, Teruhisa: *See—*
- Yamaoka, Hideyuki; Hatano, Michiharu; Miyazaki, Tomio; Shimoda, Teruhisa; and Oki, Koji, 4,504,043, Cl. 266-160.000.

Shimode, Shinichi; and Sato, Shigenori, to Hitachi, Ltd. Acoustical absorbing material. 4,559,255, 12-17-85, Cl. 428-138.000.

Shimofuri, Koichi, to Todo Seisakusho Ltd. Method and apparatus for automatically preparing flexible, disposable packing containers. 4,495,747, 1-29-85, Cl. 53-412.000.

Shimogawa, Toshiaki: *See—*
- Kuwakado, Satosi; Shimogawa, Toshiaki; Koide, Teruhiko; Kanada, Shigeyasu; and Iwatsuki, Masahiro, 4,556,177, Cl. 242-107.40A.
- Nishimura, Yuji; Fujiwara, Akinori; Kawaguchi, Teruhiko; Shimogawa, Toshiaki; and Sakakibara, Kazuo, 4,546,934, Cl. 242-107.000.
- Sakakibara, Kazuo; Shimogawa, Toshiaki; Kato, Masahiko; and Matsuoka, Fumio, 4,561,606, Cl. 242-107.000.

Shimogawara, Jun, to NEC Corporation. Character selecting and inked ribbon feeding mechanism for a serial printer. 4,509,872, 4-9-85, Cl. 400-144.100.

Shimohigashi, Katsuhiro; Masuda, Hiroo; Ikuzaki, Kunihiko; and Kawamoto, Hiroshi, to Hitachi, Ltd. Semiconductor memory. 4,539,658, 9-3-85, Cl. 365-207.000.

Shimohira, Takajiro: *See—*
- Makishima, Akio; Nagata, Tatsuya; and Shimohira, Takajiro, 4,530,909, Cl. 501-73.000.

Shimohiro, Yoshiyuki; Ogawa, Masazo; and Ohnishi, Tooru, to Dainippon Pharmaceutical Co., Ltd. Thickening agent for paste. 4,548,648, 10-22-85, Cl. 106-208.000.

Shimoie, Shizuo, to Kubota, Ltd. Method of remodeling control section of backhoe. 4,541,161, 9-17-85, Cl. 29-401.100.

Shimoji, Koji; Hangeisi, Suekiti; and Itou, Keiji, to Toyota Jidosha Kabushiki Kaisha. Muffler for internal combustion engines. 4,513,841, 4-30-85, Cl. 181-252.000.

Shimoji, Yasuo: *See—*
- Ikariishi, Koichi; Kitano, Toshiaki; Shinohara, Masanori; and Shimoji, Yasuo, 4,527,915, Cl. 384-480.000.

Shimojo, Hirokazu; and Inamura, Toshio, to Kabushiki Kaisha Sigma Electronics Planning. Ignition device for internal combustion engines. 4,506,650, 3-26-85, Cl. 123-620.000.

Shimojyo, Norio: *See—*
  Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, 4,492,906, Cl. 318-488.000.
Shimokawa, Fumitaka: *See—*
  Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.
Shimokawa, Hiroshi, to Kabushiki Kaisha Imamura Seisakusho. Method of collecting samples from material on a belt conveyor. 4,522,076, 6-11-85, Cl. 73-863.410.
Shimokawa, Kazuhiro: *See—*
  Takahara, Takao; and Shimokawa, Kazuhiro, 4,528,137, Cl. 260-397.400.
Shimokawa, Ryushi: *See—*
  Watanabe, Koji; Shiozawa, Kazuo; Suzuki, Kiziro; and Shimokawa, Ryushi, 4,492,450, Cl. 354-412.000.
Shimokobe, Hirokata; Saito, Sueo; Tomioka, Kentaro; Akahane, Shoji; and Hirota, Kazuo, to G-C Dental Industrial Corp. Dental cement. 4,524,824, 6-25-85, Cl. 106-35.000.
Shimokura, Akihiro, to Tokico Ltd. Hydraulic damper of adjustable damping force type. 4,535,877, 8-20-85, Cl. 188-319.000.
Shimoma, Takashi: *See—*
  Hara, Tomihiro; Adaniya, Takeshi; Sagiyama, Masaru; Watanabe, Tsutomu; Shimoma, Takashi; and Nabatame, Masaru, 4,543,300, Cl. 428-610.000.
Shimoma, Taketoshi; Fukuda, Kumio; and Shimaoogi, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Magnetic focusing type cathode ray tube. 4,495,439, 1-22-85, Cl. 313-412.000.
Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, to Hitachi, Ltd. Photoelectric conversion element. 4,554,478, 11-19-85, Cl. 313-366.000.
Shimomoto, Yasuharu: *See—*
  Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, 4,495,409, Cl. 250-211.00J.
Shimomura, Hiroshi; and Arai, Tatsuo, to Mitsubishi Kinzoku Kabushiki Kaisha. Insert cutter. 4,511,293, 4-16-85, Cl. 407-41.000.
Shimomura, Hiroshi; and Arai, Tatsuo, to Mitsubishi Kinzoku Kabushiki Kaisha. Cutter insert. 4,529,339, 7-16-85, Cl. 407-36.000.
Shimomura, Kenji, to Ikeda Bussan Co., Ltd. Method for manufacture of shaped article of polyurethane foam. 4,495,120, 1-22-85, Cl. 264-51.000.
Shimomura, Masaichi: *See—*
  Masumoto, Hisayuki; and Shimomura, Masaichi, 4,492,437, Cl. 350-428.000.
Shimomura, Setsuhiro; and Kishimoto, Yuuji, to Mitsubishi Denki Kabushiki Kaisha. Air-to-fuel ratio control system for internal combustion engine. 4,492,211, 1-8-85, Cl. 123-585.000.
Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, to Sumitomo Chemical Company, Limited. Process for producing semipermeable membrane. 4,511,711, 4-16-85, Cl. 528-489.000.
Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, to Sumitomo Chemical Company, Limited. Process for producing semipermeable membrane. 4,548,769, 10-22-85, Cl. 264-22.000.
Shimomura, Takeshi; Yamaguchi, Shuichiro; Ushizawa, Norihiko; and Oyama, Noboru, to Terumo Kabushiki Kaisha. Reference electrode. 4,507,194, 3-26-85, Cl. 204-435.000.
Shimomura, Takeshi: *See—*
  Aoyagi, Juuro; Ichikawa, Toshiji; Koide, Mikio; and Shimomura, Takeshi, 4,560,720, Cl. 524-288.000.
Shimomura, Yasunori: *See—*
  Kamada, Kazumasa; Tamai, Katsumi; Shimomura, Yasunori; and Abe, Kazunori, 4,509,163, Cl. 369-284.000.
  Kamata, Kazumasa; Nakai, Yoshio; and Shimomura, Yasunori, 4,558,098, Cl. 525-207.000.
Shimomura, Yasuo: *See—*
  Takeuchi, Kunihiko; Hayashi, Kiyoshi; and Shimomura, Yasuo, 4,528,491, Cl. 318-603.000.
Shimon, Dale H. Hay bale carrier. 4,549,743, 10-29-85, Cl. 280-47.13R.
Shimoni, Moshe: *See—*
  Cais, Michael; and Shimoni, Moshe, 4,510,058, Cl. 210-657.000.
Shimoni, Yair: *See—*
  Fenster, Paul; Netter, Zvi; and Shimoni, Yair, 4,555,728, Cl. 358-111.000.
Shimonosono, Hitoshi; Ogawa, Naoki; and Hirano, Yoshinori, to Nissan Motor Company, Limited. Cylinder block of internal combustion engine. 4,520,768, 6-4-85, Cl. 123-41.440.
Shimotake, Hiroshi: *See—*
  Knoedler, Reinhard; Nelson, Paul A.; Shimotake, Hiroshi; and Battles, James E., 4,508,797, Cl. 429-184.000.
Shimotori, Hitoshi: *See—*
  Ishikawa, Katsutoshi; Shimotori, Hitoshi; Iida, Noboru; Akihiro, Kazuo; and Ozawa, Shuji, 4,540,698, Cl. 514-270.000.
Shimotori, Kazuhiro; and Ozaki, Hideyuki, to Mitsubishi Denki Kabushiki Kaisha. Dram with polysi bit lines and added junction capacitance. 4,551,741, 11-5-85, Cl. 357-23.600.
Shimotori, Kazumi: *See—*
  Horie, Hiromichi; Shimotori, Kazumi; and Murabayashi, Hideki, 4,502,982, Cl. 252-513.000.
Shimotsuma, Wataru: *See—*
  Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, 4,500,459, Cl. 260-396.00N.
  Hotta, Shu; Hosaka, Tomiharu; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,501,686, Cl. 252-500.000.
  Hotta, Shu; Hosaka, Tomiharu; and Shimotsuma, Wataru, 4,510,089, Cl. 260-396.00N.
  Soga, Mamoru; Yubakami, Keiichi; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,519,931, Cl. 252-62.510.
Shimoyama, Haruo; Ohshima, Toshio; Nomoto, Shinobu; Hiraoka, Makoto; and Hanabata, Toshio, to Nippon Electric Co., Ltd.; Nippon Telegraph & Telephone Public Corporation; and Fujitsu Limited. Video/audio simultaneous transmission system. 4,542,406, 9-17-85, Cl. 358-141.000.
Shimoyama, Hiroshi: *See—*
  Gotoh, Isamu; Watanabe, Masaki; Wakatsuki, Goroei; Shimoyama, Hiroshi; and Matsuzawa, Masakazu, 4,529,055, Cl. 180-210.000.
Shimoyama, Mamoru; and Hoshina, Isamu. Packed bag cutter. 4,506,494, 3-26-85, Cl. 53-551.000.
Shimoyama, Yoshiaki; Miyoshi, Kunisuke; and Hiromae, Yoshitaka, to Nippon Steel Corporation. Process for producing a non-oriented electromagnetic steel sheet having excellent magnetic properties. 4,560,423, 12-24-85, Cl. 148-111.000.
Shimoyama, Yoshiaki: *See—*
  Takeshita, Takeaki; Oba, Katuyuki; Shimoyama, Yoshiaki; and Masuda, Takashi, 4,555,264, Cl. 75-49.000.
Shimoyama, Yoshifumi: *See—*
  Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.
Shimoyama, Yuji: *See—*
  Sato, Kuniaki; Muto, Shinichiro; Yanagishima, Fumiya; and Shimoyama, Yuji, 4,531,904, Cl. 431-10.000.
Shimozi, Kozi; and Teshima, Hitoshi, to Toyota Jidosha Kabushiki Kaisha. Catalytic converter secondary air supply pipe support. 4,511,536, 4-16-85, Cl. 422-171.000.
Shimp, Lawrence A., to FMC Corporation. Process for making sodium tripolyphosphate. 4,536,377, 8-20-85, Cl. 423-315.000.
Shimp, Richard L.; and Zimmerman, Dennis A., to ComSonics, Inc. Status monitor. 4,491,968, 1-1-85, Cl. 455-67.000.
Shimp, Richard L., to ComSonics, Inc. Segmented upstream management for cable television. 4,494,138, 1-15-85, Cl. 358-86.000.
Shimpo, Tetsuhiko; and Fujihata, Isao, to Nippon Chemi-Con Corporation. Power supply device. 4,538,101, 8-27-85, Cl. 323-272.000.
Shimrock, Thomas; Taylor, R. Dirk; and Collins, John M., Jr., to Engelhard Corporation. Method of impregnating ceramic monolithic structures with predetermined amounts of catalyst. 4,550,034, 10-29-85, Cl. 427-243.000.
Shimura, Akihiro: *See—*
  Itagaki, Takaharu; Ouchi, Hidenaga; and Shimura, Akihiro, 4,495,250, Cl. 428-520.000.
Shimura, Akira, to Ricoh Company, Ltd. Photoconductive element cleaning apparatus and residual toner collecting apparatus. 4,500,196, 2-19-85, Cl. 355-3.0DD.
Shimura, Akira, to Ricoh Company, Ltd. Photoconductive element cleaning apparatus and residual toner collecting apparatus. 4,501,484, 2-26-85, Cl. 355-15.000.
Shimura, Akira: *See—*
  Tomita, Satoru; Shimura, Akira; and Yokota, Takashi, 4,499,849, Cl. 118-652.000.
Shimura, Kazuhiro: *See—*
  Uehara, Masafumi; Yamazaki, Atsuo; and Shimura, Kazuhiro, 4,536,465, Cl. 430-192.000.
Shimura, Masuo. Water surface flotage suctioning apparatus. 4,530,760, 7-23-85, Cl. 210-242.300.
Shimura, Michio: *See—*
  Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, 4,528,575, Cl. 346-140.00R.
Shimura, Takaki: *See—*
  Klepper, John R.; Reid, John M.; Miwa, Hirohide; Shimura, Takaki; and Murakami, Keiichi, 4,534,220, Cl. 73-599.000.
  Miwa, Hirohide; Hayashi, Hajime; Shimura, Takaki; Iida, Atsuo; Namiki, Fumihiro; Kawabe, Kenji; and Nakao, Narutaka, 4,552,021, Cl. 73-644.000.
Shimura, Tastuo, to Hitachi, Ltd. Semiconductor integrated circuit with inversion preventing electrode. 4,520,382, 5-28-85, Cl. 357-53.000.
Shimura, Tatsuo, to Yasui Sangyo Co., Ltd. Portable hydraulic lifting jack. 4,509,723, 4-9-85, Cl. 254-93.00H.
Shimura, Yoshimasa; Kakiuchi, Hideyuki; Minamikawa, Yoshihisa; and Kawasaki, Katsuhiro, to Hitachi, Ltd. Charged particle beam apparatus. 4,524,277, 6-18-85, Cl. 250-397.000.
Shin, Chung T.: *See—*
  Geria, Navin; and Shin, Chung T., 4,511,554, Cl. 424-65.000.
Shin-Ei Kabushiki Kaisha: *See—*
  Agata, Akihiko, 4,556,018, Cl. 122-35.000.
Shin-Etsu Chemical Co., Ltd.: *See—*
  Endo, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Ueno, Susumu, 4,532,150, Cl. 427-39.000.
  Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,492,681, Cl. 423-345.000.
  Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,560,589, Cl. 427-249.000.
  Fukuda, Takeshi; and Yumoto, Satoshi, 4,528,156, Cl. 264-236.000.
  Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.

- Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.
- Itoh, Kunio; Oshima, Toshimichi; and Nakamura, Tsutomu, 4,533,687, Cl. 524-80.000.
- Kimura, Shigeo; Somezawa, Masashi; Hinoto, Yuji; and Yoshioka, Hiroshi, 4,501,801, Cl. 428-447.000.
- Kondo, Kiyohiro; Sugawara, Hiroshi; and Hasebe, Nobuyuki, 4,562,238, Cl. 528-18.000.
- Koyanagi, Shunichi; Kitamura, Hajime; Shimizu, Toshihide; and Kaneko, Ichiro, 4,528,336, Cl. 526-62.000.
- Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, 4,515,702, Cl. 252-49.600.
- Mori, Shigeru; Kudo, Yoshiaki; and Kuwata, Satoshi, 4,537,691, Cl. 252-49.600.
- Mori, Shigeru; and Tarumi, Yasuo, 4,560,784, Cl. 556-401.000.
- Nakamura, Tsutomu; and Itoh, Kunio, 4,560,719, Cl. 524-269.000.
- Okada, Fumio; Oba, Toshio; and Nakazato, Morizo, 4,496,687, Cl. 524-859.000.
- Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, 4,534,821, Cl. 156-617.0SP.
- Sakato, Naoyuki; and Kitagaki, Tetsuo, 4,496,506, Cl. 264-109.000.
- Shibata, Takanori; Yoshikawa, Toshiharu; Isobe, Kenichi; and Ichinohe, Shoji, 4,525,563, Cl. 526-279.000.
- Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, 4,539,230, Cl. 427-230.000.
- Shimizu, Toshihide; Kaneko, Ichiro; and Shimakura, Yoshiteru, 4,542,195, Cl. 526-62.000.
- Takago, Toshio; Sodeyama, Osamu; and Terashima, Masami, 4,497,943, Cl. 528-22.000.
- Takago, Toshio; and Arai, Masatoshi, 4,539,418, Cl. 556-451.000.
- Takamizawa, Minoru; Yamamoto, Akira; Ishihara, Toshinobu; and Ohshima, Mistuyoshi, 4,539,417, Cl. 556-435.000.
- Takamizawa, Minoru; Kobayashi, Taishi; Hayashida, Akira; and Takeda, Yoshihumi, 4,550,151, Cl. 528-7.000.
- Tanaka, Masaki, 4,495,227, Cl. 427-373.000.
- Tawara, Yoshio; and Ohashi, Ken, 4,497,672, Cl. 148-102.000.
- Toyoshima, Shigeshi; Kurono, Masayasu; Unno, Ryoichi; and Ito, Koichi, 4,560,679, Cl. 514-63.000.
- Tsuchida, Michinori; Abe, Tokuji; and Kitamura, Hajime, 4,497,722, Cl. 252-62.540.
- Tsuchida, Michinori; Shimizu, Toshihide; Kaneko, Ichiro; and Abe, Tokuji, 4,543,382, Cl. 524-267.000.
- Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Kenichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.
- Ueno, Susumu; and Kamata, Hideaki, 4,504,349, Cl. 156-272.600.
- Ueno, Susumu; Nomura, Hirokazu; and Imada, Kiyoshi, 4,548,867, Cl. 428-409.000.
- Ueno, Susumu; and Nomura, Hirokazu, 4,560,458, Cl. 204-165.000.
- Yamamoto, Akira; and Ishihara, Toshinobu, 4,529,825, Cl. 568-903.000.

Shin-Etsu Polymer Co., Ltd.: *See—*
- Morikawa, Yoshitsugu; Nomoto, Kiyoshi; and Okada, Kenichi, 4,527,021, Cl. 200-5.00A.
- Sado, Ryoichi; and Tahara, Kazutoki, 4,520,562, Cl. 29-878.000.
- Shiino, Mitsuo; and Nakamura, Akio, 4,519,659, Cl. 339-59.00M.

Shin-Ichiro, Kobayashi: *See—*
- Imai, Kazuhiro; Zenzo, Tamura; and Shin-Ichiro, Kobayashi, 4,540,548, Cl. 422-52.000.

Shin International, Inc.: *See—*
- Fearon, Edward R., 4,539,558, Cl. 340-572.000.
- Scarr, Roger; and Fearon, Edward R., 4,527,152, Cl. 340-572.000.

Shin, Kju H., to Ethyl Corporation. Method of preparing adenine. 4,511,716, 4-16-85, Cl. 544-277.000.

Shin, Kju Hi; and Tatum, Edward F., to Ethyl Corporation. Unsymmetrical diphenolic compounds. 4,554,389, 11-19-85, Cl. 568-722.000.

Shin-Kobe Electric Machinery Co., Ltd.: *See—*
- Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,499,929, Cl. 141-1.100.
- Shima, Toshiaki; Hamamuro, Naozi; Ikari, Shinichi; and Fuzishiro, Tuneo, 4,548,882, Cl. 429-211.000.

Shin Nihon Machine Manufacturing Co., Ltd.: *See—*
- Masuda, Fumihiko, 4,517,785, Cl. 53-116.000.

Shin Nikkei Company, Ltd.: *See—*
- Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, 4,545,292, Cl. 98-42.210.

Shin Nisso Kako Co., Ltd.: *See—*
- Okumura, Masatoshi, 4,560,526, Cl. 264-328.200.
- Tanino, Hiroshi; Okamoto, Tetsuhiko; Ueyama, Shinichiro; Fujikawa, Kazuhiko; and Tsumiyama, Takatoshi, 4,522,689, Cl. 203-52.000.
- Yahagi, Masakichi; Kinoshita, Kimiaki; and Enokiya, Masashi, 4,503,446, Cl. 346-209.000.

Shin-Shi, Steve S. Multi-section multi-purpose hand light. 4,530,039, 7-16-85, Cl. 362-158.000.

Shin-Shirasuna Electric Corp.: *See—*
- Otala, Matti N., 4,499,431, Cl. 330-296.000.

Shin, Yong W.; Wiedermann, Arne H.; and Ockert, Carl E., to United States of America, Energy. Shock wave absorber having apertured plate. 4,562,036, 12-31-85, Cl. 376-283.000.

Shin, Yoon K., to Mercury International Trading Corp. Shoe design. 4,498,251, 2-12-85, Cl. 36-30.00R.

Shinada, Kazuyoshi, to VLSI Technology Research Association. Method of making a bipolar transistor. 4,504,332, 3-12-85, Cl. 148-187.000.

Shinada, Kazuyoshi: *See—*
- Yogome, Yoshihiro; Kobashi, Yuuji; and Shinada, Kazuyoshi, 4,545,469, Cl. 192-51.000.

Shinada, Takeo: *See—*
- Ikoma, Mitsugi; Shinada, Takeo; and Nozaki, Hisashi, 4,503,081, Cl. 426-268.000.

Shinagawa, Akio: *See—*
- Hattori, Akira; Hayashi, Hiromu; Shinagawa, Akio; and Shinogi, Tsuyoshi, 4,517,640, Cl. 364-200.000.

Shinagawa, Hiroshi: *See—*
- Hidaka, Yoshiaki; and Shinagawa, Hiroshi, 4,538,565, Cl. 123-196.00R.
- Katoh, Hisashi; Shinagawa, Hiroshi; and Miura, Keiji, 4,502,424, Cl. 123-41.860.

Shinagawa Machinery Works Co., Ltd.: *See—*
- Zaitu, Eizo, 4,561,347, Cl. 99-352.000.

Shinagawa, Osamu: *See—*
- Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, 4,527,208, Cl. 360-85.000.

Shinagawa Shoko Co., Ltd.: *See—*
- Nakamura, Toshinobu, 4,556,181, Cl. 248-74.100.

Shinagawa, Susumu: *See—*
- Harada, Setsuo; Shinagawa, Susumu; and Kitano, Kazuaki, 4,521,340, Cl. 260-245.20T.
- Imada, Akira; Kintaka, Kazuhiko; and Shinagawa, Susumu, 4,504,655, Cl. 536-18.700.
- Kanamaru, Tsuneo; Shinagawa, Susumu; and Asai, Mitsuko, 4,521,432, Cl. 514-556.000.

Shinano Kenshi Kabushiki Kaisha: *See—*
- Tezuka, Katsue, 4,528,473, Cl. 310-256.000.

Shinbara, Seitaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Frequency modulator wherein modulation takes place in a feedback loop of an oscillator. 4,533,882, 8-6-85, Cl. 332-16.00T.

Shinbara, Seitaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Amplitude modulator with three differential transistor pairs. 4,547,752, 10-15-85, Cl. 332-31.00T.

Shinder, Ilya E.: *See—*
- Khramtsov, Alexandr A.; Tsyrkin, Mikhail I.; and Shinder, Ilya E., 4,510,849, Cl. 91-515.000.

Shindo, Katuji: *See—*
- Ozawa, Jun; Shindo, Katuji; and Shirakawa, Shingo, 4,502,089, Cl. 361-127.000.

Shindo, Masahiro: *See—*
- Kyomasu, Mikio; Araki, Toshiyuki; Fukunaga, Shinobu; and Shindo, Masahiro, 4,503,520, Cl. 365-177.000.

Shindo, Masanari; Sato, Shigeru; and Kaneko, Akinari, to Konishiroku Photo Industry Co., Ltd. Method for forming a compound semiconductor film. 4,534,840, 8-13-85, Cl. 204-192.00R.

Shindo, Minoru: *See—*
- Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.

Shindo, Mizuo; Yamamoto, Takashi; Fukunaga, Osamu; and Yamamori, Hisayoshi, to Mitsubishi Rayon Co., Ltd. Process for making microporous polyethylene hollow fibers. 4,530,809, 7-23-85, Cl. 264-210.700.

Shindo, Toshiki: *See—*
- Hayashi, Takehiko; Ikuta, Hiroyuki; and Shindo, Toshiki, 4,559,798, Cl. 72-81.000.

Shindow, Osamu: *See—*
- Hoshika, Shuji; Ishiai, Hideyuki; Nishikawa, Yukiyasu; Hara, Masato; Aiura, Hirochika; Okamoto, Ikuzo; and Shindow, Osamu, 4,540,253, Cl. 351-211.000.

Shindow, Yoshio; Tsutsumi, Masaya; Hotta, Wataru; and Miyauchi, Yujiro, to Nippon Steel Corporation. Method for producing a steel strip having an excellent phosphate-coating property. 4,522,892, 6-11-85, Cl. 428-628.000.

Shindow, Yoshio: *See—*
- Oka, Joji; Iwakura, Hideaki; Ando, Narumi; Iwasaki, Kiyotoshi; and Shindow, Yoshio, 4,524,111, Cl. 428-551.000.

Shingaki, Seiichi: *See—*
- Ohmi, Shigeaki; Shingaki, Seiichi; Sakai, Hiroyuki; and Asahara, Yoshiyuki, 4,525,189, Cl. 65-3.150.

Shingo, Naohito: *See—*
- Konishi, Sakuichi; Shingo, Naohito; and Shibayama, Mathuo, 4,528,318, Cl. 524-504.000.

Shingo, Yoshioki; Matsuda, Takao; Yoshino, Akira; Sunazuka, Hideo; Hasegawa, Masatake; and Kobayashi, Hirotada, to Fujikura Ltd. Flame-retardant cross-linked composition and flame-retardant cable using same. 4,549,041, 10-22-85, Cl. 174-113.00R.

Shingu, Hiroshi, to Epson Corporation. Liquid crystal composition and display element including same. 4,550,980, 11-5-85, Cl. 350-349.000.

Shingu, Shitta: *See—*
- Kido, Fusayoshi; Takahashi, Atsushi; Shingu, Shitta; Higuchi, Yoshinori; and Yamada, Akira, 4,553,227, Cl. 369-44.000.

Shingu, Tadashi; Tsutada, Tadakazu; Nishihara, Toshio; and Suzuki, Nobuo, to Teijin Limited. Structure of multilayered unit for windows. 4,520,611, 6-4-85, Cl. 52-789.000.

Shinhokoku Steel Corporation: *See—*
- Kunioka, Saburo; Okuma, Kiwamu; Haga, Tsunehiro; and Kawaguti, Hatsuo, 4,532,105, Cl. 420-451.000.

Shinji, Morozumi: *See—*
Tatsushi, Asakawa; and Shinji, Morozumi, 4,498,040, Cl. 323-299.000.

Shinjo, Goro; Makita, Mitsuyasu; and Tsuda, Shigenori, to Sumitomo Chemical Company, Limited. Insecticidal composition comprising synergistic combinations of 3-(2-methoxyphenyl)-5-methoxy-1,3,4-oxadiazol-2(3H)-one and pyrethroid type compounds. 4,562,062, 12-31-85, Cl. 424-45.000.

Shinjo, Katsumi, to Yugen Kaisha Shinjoseisakusho. Self-piercing nut holding device. 4,507,859, 4-2-85, Cl. 29-798.000.

Shinjo, Tuneo; Nakamura, Yoshiharu; and Chikaraishi, Takayo, to Nissan Motor Company, Limited. Body structure of automotive vehicle having front swinging door and rear sliding door and having no pillar between front and rear doors. 4,561,690, 12-31-85, Cl. 296-155.000.

Shinkai, Daisuke; Komoto, Haruo; and Hamada, Shigeharu, to Mitsubishi Denki Kabushiki Kaisha; and Nippon Steel Corporation. Plating current automatic switching method and apparatus. 4,497,695, 2-5-85, Cl. 204-28.000.

Shinkai, Hiroaki, to Toyota Jidosha Kabushiki Kaisha. Headlight for an automotive vehicle. 4,523,262, 6-11-85, Cl. 362-214.000.

Shinkai, Kenkichi: *See—*
Nagano, Mitsuo; Hirai, Koichi; Kitamura, Kouichi; Shinkai, Kenkichi; and Yasuda, Hiroshi, 4,545,942, Cl. 260-465.00D.

Shinkai, Kouki; Hagiwara, Naoki; and Nakano, Masaki, to Hitachi, Ltd. Fluorescent lamp and phosphor coating composition used therefor. 4,540,915, 9-10-85, Cl. 313-486.000.

Shinkai, Masaru: *See—*
Aramaki, Jun; and Shinkai, Masaru, 4,559,433, Cl. 219-69.00W.

Shinkawa, Hiroyasu: *See—*
Aoki, Katsumichi; Kanda, Yoichi; Satake, Keigo; and Shinkawa, Hiroyasu, 4,492,597, Cl. 71-92.000.
Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Shinkawa, Keiro: *See—*
Noda, Masaki; Shinkawa, Keiro; and Sodeyama, Chuichi, 4,491,809, Cl. 333-35.000.

Shinkawa Ltd.: *See—*
Suzuki, Yasunobu; Chiba, Seiichi; and Nishimura, Akihiro, 4,526,646, Cl. 156-361.000.

Shinkawa, Takao: *See—*
Tokiwai, Moriyasu; Moriguchi, Sakumi; and Shinkawa, Takao, 4,553,030, Cl. 250-307.000.

Shinki, Kiyoshi: *See—*
Nakada, Akiyoshi; Inoue, Toshitugu; Tada, Haruo; Shinki, Kiyoshi; Takezawa, Kuninori; and Doi, Makoto, 4,552,504, Cl. 414-735.000.

Shinki, Toshinori: *See—*
Okumura, Katsuya; Shinki, Toshinori; Sato, Takashi; and Ueda, Masaaki, 4,502,210, Cl. 29-591.000.

Shinko Denshi Company Limited: *See—*
Nishiguchi, Yuzuru; Uchiyama, Shigeru; and Kobayashi, Masaaki, 4,544,858, Cl. 310-321.000.

Shinko Electric Co., Ltd.: *See—*
Abe, Eiji; and Kanazawa, Junpei, 4,520,889, Cl. 180-168.000.
Fujiwara, Takahisa; Narihisa, Masaaki; and Tamai, Katsuyuki, 4,498,066, Cl. 335-281.000.
Kawai, Hirokazu; and Takahashi, Fumio, 4,496,824, Cl. 219-216.000.
Kawano, Junji; and Takahashi, Fumio, 4,502,057, Cl. 346-76.0PH.
Kubo, Takeshi; Kawano, Junji; Takahashi, Fumio; and Yamaguchi, Tsutomu, 4,551,729, Cl. 346-1.100.
Nakanishi, Sadao; Nakajima, Yoshihiro; Kawano, Hitoshi; Ihochi, Akihiko; Ogasawara, Takaaki; and Maruyama, Tokuji, 4,544,826, Cl. 219-137.0PS.
Shigihara, Shigeyuki; and Tadokoro, Masahiro, 4,512,801, Cl. 75-58.000.
Yamamoto, Kiwamu; and Tanaka, Tsuyoshi, 4,515,235, Cl. 180-168.000.

Shinko Electric Industries Co., Ltd.: *See—*
Hori, Kuniyuki; and Kitazawa, Kiyoshi, 4,545,885, Cl. 204-207.000.
Kobayashi, Hiroshi; Muramatsu, Shinichi; Ichikawa, Yoshiro; and Mitsui, Seizo, 4,553,501, Cl. 118-669.000.

Shinko Kikaikogyo Kabushiki Kaisha: *See—*
Takumi, Hiroshi, 4,503,694, Cl. 72-131.000.

Shinko Kosen Kogyo Kabushiki Kaisha: *See—*
Yoshida, Tatsuo; Fukuda, Kikuo; and Tomiguchi, Akihiko, 4,509,319, Cl. 57-218.000.

Shinko-Pfaudler Company, Ltd.: *See—*
Matsumoto, Tadao; and Inoue, Kazuo, 4,552,724, Cl. 422-138.000.

Shinmi, Akira; Fukui, Masahisa; Hara, Toshitami; Shirato, Yoshiaki; and Hajimoto, Yoshioki, to Canon Kabushiki Kaisha. Method for producing electro-thermal transducer. 4,545,881, 10-8-85, Cl. 204-192.0SP.

Shinmi, Akira: *See—*
Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto Hirokazu, 4,506,220, Cl. 324-252.000.

Shinmi, Hideo; and Kubota, Yoshitaka, to Toray Silicone Company, Ltd. Elastomer-coated cloth composite. 4,530,868, 7-23-85, Cl. 428-57.000.

Shinmura, Sadayuki: *See—*
Yoshida, Takumori; Yamada, Akira; and Shinmura, Sadayuki, 4,528,958, Cl. 123-442.000.
Yoshida, Takumori; Yamada, Akira; and Shinmura, Sadayuki, 4,550,700, Cl. 123-432.000.

Shinn, Calvin W.; and Terry, Robert G., to Dresser Industries, Inc. Roller ball retention of reamer cutter assembly. 4,548,284, 10-22-85, Cl. 175-346.000.

Shinn, Dennis B.: *See—*
Jenkins, Robert G.; and Shinn, Dennis B., 4,523,939, Cl. 65-32.000.

Shinn, Robert W.: *See—*
Lyons, James E.; Suld, George; and Shinn, Robert W., 4,504,672, Cl. 560-131.000.

Shinn, Stuart E.: *See—*
Hulme, James H.; and Shinn, Stuart E., 4,519,478, Cl. 182-178.000.

Shinneman, Harold C., Jr.; Rebish, Edward J.; and Shinneman, Harold C., Sr. Sharpening device. 4,532,736, 8-6-85, Cl. 51-218.00A.

Shinneman, Harold C., Sr.: *See—*
Shinneman, Harold C., Jr., Rebish, Edward J.; and Shinneman, Harold C., Sr., 4,532,736, Cl. 51-218.00A.

Shino, Akimitsu: *See—*
Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.
Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,551,849, Cl. 381-86.000.
Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, 4,550,428, Cl. 381-86.000.

Shino, Kunihiko; and Matoba, Tamiji. Method for making a sanitary drink. 4,512,983, 4-23-85, Cl. 424-195.100.

Shino, Shigenari: *See—*
Hiroyasu, Minoru; Yamashita, Hideo; Ohguro, Tamotsu; Yamagishi, Shigeru; and Shino, Shigenari, 4,555,205, Cl. 408-150.000.

Shinoda, Akibumi; Yoshioka, Yukio; and Kato, Akio, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Load lifting unit for a lift truck. 4,505,635, 3-19-85, Cl. 414-667.000.

Shinoda, Kazuo; and Kobayashi, Nobuyuki, to Toyota Jidosha Kabushiki Kaisha. Fuel injection device for internal combustion engine. 4,495,915, 1-29-85, Cl. 123-357.000.

Shinoda, Kazuo, to Toyota Jidosha Kabushiki Kaisha. Fuel injection pump control system in diesel engine. 4,495,916, 1-29-85, Cl. 123-387.000.

Shinoda, Kazuo; Miyaki, Masahiko; Masuda, Akira; and Koide, Hiroshi, to Toyota Jidosha Kabushiki Kaisha; and Nippondenso Co., Ltd. Fuel injection pump of the distributor type. 4,505,240, 3-19-85, Cl. 123-357.000.

Shinoda, Kazuo, to Toyota Jidosha Kabushiki Kaisha. Electronically controlled fuel injection system. 4,554,634, 11-19-85, Cl. 364-431.100.

Shinoda, Kazuo: *See—*
Abe, Seiko; Sakakibara, Yasuyuki; Tomita, Masahiro; and Shinoda, Kazuo, 4,553,059, Cl. 310-328.000.
Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, 4,546,749, Cl. 123-506.000.

Shinoda, Naoharu; Tatani, Atsushi; Ukawa, Naohiko; and Okino, Susumu, to Mitsubishi Jukogyo Kabushiki Kaisha. Exhaust fume desulfurization process. 4,533,531, 8-6-85, Cl. 423-242.000.

Shinoda, Naoharu; Tatani, Atsushi; Inoue, Kenji; and Okino, Susumu, to Mitsubishi Jukogyo Kabushiki Kaisha. Method for the treatment of exhaust gases. 4,539,190, 9-3-85, Cl. 423-240.000.

Shinoda, Noboru: *See—*
Watanabe, Akira; Takeuchi, Yoshimitsu; Shinoda, Noboru; Isono, Tetsusaburo; and Fujiwara, Kenji, 4,540,674, Cl. 501-97.000.

Shinoda, Nobuhiko; Sakurada, Nobuaki; Kawamura, Masaharu; Ito, Tadashi; Ito, Fumio; and Murakami, Hiroyashu, to Canon Kabushiki Kaisha. Camera system. 4,512,656, 4-23-85, Cl. 354-475.000.

Shinoda, Nobuhiko, to Canon Kabushiki Kaisha. Auto focus apparatus for a camera. 4,557,577, 12-10-85, Cl. 354-400.000.

Shinoda, Nobuhiko: *See—*
Kawabata, Takashi; Shinoda, Nobuhiko; and Sakai, Shinji, 4,522,480, Cl. 354-468.000.
Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, 4,547,663, Cl. 250-201.000.
Sakai, Shinji; Shinoda, Nobuhiko; Kinoshita, Takao; Hosoe, Kazuya; and Kawabata, Takashi, 4,496,832, Cl. 250-201.000.

Shinoda, Yoshio: *See—*
Kuno, Akira; and Shinoda, Yoshio, 4,501,284, Cl. 123-352.000.

Shinoda, Yuji: *See—*
Tsuchiya, Yutaka; Inuzuka, Eiji; and Shinoda, Yuji, 4,492,879, Cl. 307-248.000.

Shinogaya, Toshikazu: *See—*
Kitamura, Takashi; Fukuura, Yukio; Tanuma, Itsuo; Shinogaya, Toshikazu; and Noda, Yuji, 4,548,687, Cl. 204-159.170.

Shinogi, Tsuyoshi: *See—*
Hattori, Akira; Hayashi, Hiromu; Shinagawa, Akio; and Shinogi, Tsuyoshi, 4,517,640, Cl. 364-200.000.

- Shinogle, Ronald D.: *See—*
  - Gibson, Dennis H.; Shinogle, Ronald D.; and Stockner, Alan R., 4,528,965, Cl. 123-502.000.
- Shinohara, Hirofumi; Tomisawa, Osamu; Anami, Kenji; and Yoshimoto, Masahiko, to Mitsubishi Denki Kabushiki Kaisha. Differential amplifying circuit. 4,521,704, 6-4-85, Cl. 307-530.000.
- Shinohara, Hirofumi: *See—*
  - Anami, Kenji; Yoshimoto, Masahiko; Shinohara, Hirofumi; and Tomisawa, Osamu, 4,542,486, Cl. 365-230.000.
  - Yoshimoto, Masahiko; Yoshihara, Tsutomu; Anami, Kenji; and Shinohara, Hirofumi, 4,554,646, Cl. 365-189.000.
- Shinohara, Hironobu; Yamahara, Noboru; and Yoshida, Yoshinori, to Japan Synthetic Rubber Co., Ltd. Sulfonic acid compound having cyclopentadiene skeleton and composition comprising same and cement. 4,511,683, 4-16-85, Cl. 524-3.000.
- Shinohara, Hironobu; Kubota, Kiyonobu; and Yoshida, Yoshinori, to Japan Synthetic Rubber Co., Ltd. Slurry composition of solid fuel. 4,547,200, 10-15-85, Cl. 44-51.000.
- Shinohara, Hiroshi; and Nagai, Kiyoshi, to Taiyo Sanso Co., Ltd. Method and apparatus for vacuum sealing a vacuum container assembly. 4,527,042, 7-2-85, Cl. 219-121.0LC.
- Shinohara, Isao, to Matsushita Electric Industrial Co., Ltd. Cassette tape recorder. 4,511,939, 4-16-85, Cl. 360-93.000.
- Shinohara, Koichi: *See—*
  - Suzuki, Takashi; Shinohara, Koichi; Odagiri, Masaru; Fujita, Takashi; and Kawase, Shigeki, 4,514,451, Cl. 428-141.000.
  - Suzuki, Takashi; Hibino, Kunio; Murai, Mikio; Kawase, Shigeki; and Shinohara, Koichi, 4,540,618, Cl. 428-141.000.
- Shinohara, Kunio: *See—*
  - Hatakenaka, Toshiki; Akiyama, Tetsuo; Asada, Shinji; and Shinohara, Kunio, 4,561,800, Cl. 404-79.000.
- Shinohara, Masanao: *See—*
  - Nakayama, Yasuo; Miyazaki, Wasei; and Shinohara, Masanao, 4,545,988, Cl. 424-94.000.
- Shinohara, Masanori: *See—*
  - Ikariishi, Koichi; Kitano, Toshiaki; Shinohara, Masanori; and Shimoji, Yasuo, 4,527,915, Cl. 384-480.000.
- Shinohara, Masaru; Ueno, Makoto; and Sakata, Tsunetaka, to Iwasaki Tsushinki Kabushiki Kaisha. Facsimile connection system. 4,558,369, 12-10-85, Cl. 358-257.000.
- Shinohara, Satoru; Fujii, Noboru; Imada, Kiyohisa; Kadota, Genichi; and Ueno, Hideo. Aggregating polysaccharide derived from aureobacidium. 4,514,560, 4-30-85, Cl. 536-1.100.
- Shinohara, Shigeru: *See—*
  - Sakamoto, Junshin; and Shinohara, Shigeru, 4,556,831, Cl. 318-434.000.
- Shinohara, Shuichi, to Terumo Kabushiki Kaisha. Cannula device and medical bag having the same. 4,551,138, 11-5-85, Cl. 604-262.000.
- Shinohara, Shuichi, to Terumo Kabushiki Kaisha. Tube for medical instruments and medical bag device having the same. 4,551,140, 11-5-85, Cl. 604-262.000.
- Shinohara, Takanobu: *See—*
  - Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.
- Shinohara, Takeru: *See—*
  - Horiuchi, Shigenori; and Shinohara, Takeru, 4,549,789, Cl. 350-358.000.
- Shinohara, Tatsuoki, to Fuji Xerox Co., Ltd. Vocal indicating device of copying machine. 4,497,032, 1-29-85, Cl. 364-513.500.
- Shinohara, Toshihide; and Okazaki, Sakiho, to Kabushiki Kaisha Suwa Seikosha. Progressive multifocal ophthalmic lens. 4,537,479, 8-27-85, Cl. 351-169.000.
- Shinohara, Toshio: *See—*
  - Hokamura, Sadakazu; Shinohara, Toshio; Nomura, Ryoichi; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,505,954, Cl. 427-380.000.
  - Hokamura, Sadakazu; Shinohara, Toshio; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,508,767, Cl. 427-407.100.
  - Moriyama, Masakazu; Shinohara, Toshio; Hirano, Kazuo; and Makino, Fumio, 4,516,121, Cl. 340-825.050.
  - Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, 4,529,263, Cl. 350-96.200.
- Shinohara, Yoshiki: *See—*
  - Tsutsumikoshi, Shinobu; Goto, Akira; Murakami, Tsuyoshi; Takasaka, Masao; and Shinohara, Yoshiki, 4,535,869, Cl. 180-311.000.
- Shinohara, Yoshitsugu: *See—*
  - Ohmae, Kenichi; Tateisi, Kazuma; Shinohara, Yoshitsugu; and Ichihashi, Masazumi, 4,562,341, Cl. 235-379.000.
  - Tateisi, Kazuma; and Shinohara, Yoshitsugu, 4,562,340, Cl. 235-379.000.
- Shinokura, Kiichiro: *See—*
  - Sekine, Kunio; Kaneda, Michihiro; Shinokura, Kiichiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,497,319, Cl. 128-303.100.
- Shinomiya, Hiroaki; and Noguchi, Minetoshi, to Tokyo Juki Industrial Co., Ltd. Seam forming method and device for sewing machine for embroidery. 4,520,745, 6-4-85, Cl. 112-266.100.
- Shinomiya, Tsutomu; Mori, Shigeki; and Higuchi, Hiroshi, to Hokkai Can Co., Ltd. Slitter apparatus. 4,506,577, 3-26-85, Cl. 83-499.000.
- Shinopulos, George; Randlett, M. Ronald; and Bower, Terry F., to Kennecott Corporation. Hot mill self-centering roll design. 4,519,118, 5-28-85, Cl. 29-121.500.
- Shinosaki, Akira; and Amako, Shinji, to Kubota, Ltd. Process for producing walking bar members for continuous casting. 4,527,411, 7-9-85, Cl. 72-340.000.
- Shinoura, Osamu: *See—*
  - Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu. 4,511,629, Cl. 428-522.000.
  - Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.
- Shinozaki, Fumiaki: *See—*
  - Ishikawa, Shun-ichi; Nagano, Teruo; Tamoto, Koji; and Shinozaki, Fumiaki, 4,504,573, Cl. 430-288.000.
  - Iwasaki, Masayuki; Maeda, Minoru; Shinozaki, Fumiaki; and Kawamura, Kouichi, 4,548,892, Cl. 430-288.000.
  - Maeda, Minoru; Iwasaki, Masayuki; and Shinozaki, Fumiaki, 4,543,318, Cl. 430-288.000.
  - Takahashi, Yonosuke; Tachikawa, Hiromichi; Shinozaki, Fumiaki; and Ikeda, Tomoaki, 4,544,627, Cl. 430-325.000.
- Shinozaki, Kaoru: *See—*
  - Nakayama, Noritaka; Kawakatsu, Satoshi; Katoh, Katsunori; and Shinozaki, Kaoru, 4,548,899, Cl. 430-558.000.
- Shinozaki, Nozomu; Dohi, Takashi; Yamazaki, Shinji; and Neki, Shigeo, to Matsushita Electric Industrial Co., Ltd. Speed setting device for a sewing machine. 4,499,449, 2-12-85, Cl. 338-32.00R.
- Shinozaki, Nozomu: *See—*
  - Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, 4,516,061, Cl. 318-561.000.
  - Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, 4,516,514, Cl. 112-275.000.
  - Neki, Shigeo; Shinozaki, Nozomu; and Dohi, Takashi, 4,517,909, Cl. 112-275.000.
  - Neki, Shigeo; Shinozaki, Nozomu; and Morofuji, Takeshi, 4,556,001, Cl. 112-277.000.
- Shinozaki, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of making isolation grooves by over-filling with polycrystalline silicon having a difference in impurity concentration inside the grooves followed by etching off the overfill based upon this difference. 4,507,849, 4-2-85, Cl. 29-576.00W.
- Shinozaki, Satoshi: *See—*
  - Kameyama, Shuichi; Shinozaki, Satoshi; and Iwai, Hiroshi, 4,532,701, Cl. 29-576.00W.
- Shinozaki, Tadashi: *See—*
  - Okamoto, Yoshio; Iwai, Kazumi; Inoue, Hiroshi; Kunugi, Yoshifumi; and Shinozaki, Tadashi, 4,546,795, Cl. 137-624.150.
- Shinozaki, Takashi: *See—*
  - Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
  - Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516,015, Cl. 235-379.000.
- Shinozaki, Toshiaki; and Mori, Ichiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Fixed-slit type photoelectric microscope. 4,560,278, 12-24-85, Cl. 356-364.000.
- Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, to Kawasaki Steel Corporation; and Denka Consultant & Engineering Co., Ltd. Method of distributing and transporting powdered or granular material. 4,529,336, 7-16-85, Cl. 406-14.000.
- Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, to Onahama Sakai Kagaku Kabushiki Kaisha. Method of producing surface-treated barium sulfate. 4,505,755, 3-19-85, Cl. 106-308.00B.
- Shinozuka, Kiyoshi; Otu, Koichi; and Fukumoto, Hiroshi, to Onahama Sakai Kagaku Kabushiki Kaisha. Method of producing surface-treated barium sulfate. 4,551,497, 11-5-85, Cl. 524-423.000.
- Shinriki, Tatsuo, to Height Inc. Process of making encrusted bakery products. 4,515,819, 5-7-85, Cl. 426-297.000.
- Shinryo Air Conditioning Co., Ltd.: *See—*
  - Suzuki, Akira; Shioya, Yasumi; Watanabe, Norio; and Kimura, Keiichi, deceased, 4,500,427, Cl. 210-608.000.
- Shinryo Seikan Kabushiki Kaisha: *See—*
  - Tsuchiya, Toshiharu; and Iwata, Mamoru, 4,498,415, Cl. 118-712.000.
- Shinryo, Yuko; and Yamamoto, Takashi, to Mitsubishi Denki Kabushiki Kaisha. Preparation of laminated iron core of electric device. 4,536,952, 8-27-85, Cl. 29-596.000.
- Shinsei, Kiyoichi: *See—*
  - Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000.
- Shinsei Kogyo Co., Ltd.: *See—*
  - Kobayashi, Masao, 4,514,477, Cl. 429-98.000.
- Shinsen, Mitsuhisa, to Kabushiki Kaisha Komatsu Seisakusho. Coupling arrangement for rotating shafts. 4,518,369, 5-21-85, Cl. 464-101.000.
- Shinshu Seiki Kabushiki Kaisha: *See—*
  - Koto, Haruhiko, 4,502,058, Cl. 346-140.00R.
- Shinskey, Francis G., to Foxboro Company, The. Apparatus for the control of alcohol distillation. 4,502,921, 3-5-85, Cl. 202-154.000.
- Shintaku, Yoshishige, to Ibuki Kogyo Co., Ltd. Horn speaker with reduced magnetic flux leakage. 4,492,827, 1-8-85, Cl. 179-115.5SF.
- Shintani, Fumio: *See—*
  - Oka, Koichi; and Shintani, Fumio, 4,553,734, Cl. 251-58.000.
- Shintani, Koichi, to Colleen Pencil Co., Ltd. Felt pen having two end caps. 4,509,875, 4-9-85, Cl. 401-34.000.

- Shintani, Takashi: *See—*
  - Minamide, Hiroshi; Shintani, Takashi; and Murayama, Hiroshi, 4,533,525, Cl. 428-469.000.
- Shintani, Tetsuo: *See—*
  - Matsushita, Nobuo; Furukawa, Tokinobu; Shintani, Tetsuo; Sumitani, Tomoaki; and Oda, Chikao, 4,515,008, Cl. 73-53.000.
- Shintani, Yoichi; Wada, Kenichi; Shimizu, Tsuguo; and Yamaoka, Akira, to Hitachi, Ltd. Digital data processor with two operation units. 4,532,589, 7-30-85, Cl. 364-200.000.
- Shintani, Yooichi: *See—*
  - Wada, Kenichi; Shintani, Yooichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,541,047, Cl. 364-200.000.
- Shinto Paint Co., Ltd.: *See—*
  - Kubo, Akira; Ishii, Akihiko; Nishizaki, Ken; and Saito, Tomoharu, 4,499,225, Cl. 524-276.000.
- Shinya, Masuo: *See—*
  - Nishikawa, Eiichiro; Shinya, Masuo; Ueda, Kayako; and Kaneko, Katsumi, 4,551,556, Cl. 568-403.000.
- Shinya, Ryohei; Miura, Shin'ichi; and Aozuka, Rikio, to Ricoh Company, Ltd. Vacuum evaporation apparatus. 4,534,312, 8-13-85, Cl. 118-666.000.
- Shinzawa, Masayuki: *See—*
  - Koebisu, Mamoru; Shinzawa, Masayuki; and Murakami, Masatsugi, 4,522,887, Cl. 428-461.000.
- Shinzawa, Motohiro; Arai, Motomi; Roppongi, Shomatsu; Dozono, Kichihiko; and Hasegawa, Yoji, to Nissan Motor Company, Limited. Particle removing system for an internal combustion engine. 4,538,413, 9-3-85, Cl. 60-303.000.
- Shinzawa, Motohiro: *See—*
  - Hasegawa, Yoji; and Shinzawa, Motohiro, 4,522,027, Cl. 60-274.000.
  - Hasegawa, Yoji; and Shinzawa, Motohiro, 4,522,028, Cl. 60-277.000.
- Shioda, Masahiko: *See—*
  - Oaku, Takaaki; Shioda, Masahiko; Suzuki, Syunsuke; and Maki, Yoshihiro, 4,556,533, Cl. 419-11.000.
- Shioda, Seiji: *See—*
  - Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.
- Shioi, Keiko; and Nakanishi, Mikihiko, to Sakura Color Products Corp. Ink composition. 4,525,215, 6-25-85, Cl. 106-22.000.
- Shioi, Keiko; and Shoji, Yukito, to Sakura Color Products Corp. Writing implement containing dual color ink composition. 4,545,819, 10-8-85, Cl. 106-23.000.
- Shioi, Shunshuke; Takekawa, Yasuo; and Miyake, Makoto, to Kanzaki Paper Manufacturing Co., Ltd. Recording materials. 4,533,930, 8-6-85, Cl. 346-211.000.
- Shioi, Shunsuke; Matoba, Gensuke; and Miyake, Makoto, to Kanzaki Paper Manufacturing Co., Ltd. Method of preparing microcapsules. 4,525,520, 6-25-85, Cl. 524-512.000.
- Shioiri, Tomonori; and Ino, Takashi, to Research Association for Residual Oil Processing. Hydrocarbon conversion catalyst and process for preparing same. 4,515,902, 5-7-85, Cl. 502-64.000.
- Shioiri, Tomonori; and Ino, Takashi, to Research Association for Residual Oil Processing. Hydrocarbon conversion process and catalyst composition. 4,556,478, 12-3-85, Cl. 208-120.000.
- Shioji, Shorbu: *See—*
  - Takehara, Hidetoshi; Shioji, Shorbu; and Nakagawa, Yohichi, 4,500,693, Cl. 526-240.000.
- Shiojiri Kogyo Kabushiki Kaisha: *See—*
  - Fujimori, Motoyuki, 4,555,184, Cl. 368-88.000.
- Shiokama, Yoshiharu; and Suzuki, Shigeru, to Nippon Kogaku K.K. Motor-drivable photographing lens assembly. 4,525,053, 6-25-85, Cl. 354-400.000.
- Shiokawa, Hiroyuki: *See—*
  - Hiraishi, Hisashi; Nishihara, Hisakatsu; and Shiokawa, Hiroyuki, 4,561,890, Cl. 75-125.000.
- Shiokawa, Kozo; Moriya, Koichi; Goto, Toshio; Kamochi, Atsumi; and Kohama, Shigeo, to Nihon Tokushu Noyaku Seizo K.K. Substituted phenylsulfonyl guanidine herbicides and intermeditates therefor. 4,559,079, 12-17-85, Cl. 71-92.000.
- Shiokawa, Kozo: *See—*
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,500,342, Cl. 71-93.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; and Shiokawa, Kozo, 4,514,210, Cl. 71-92.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,545,944, Cl. 260-545.00R.
  - Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; and Kamochi, Atsumi, 4,500,346, Cl. 71-94.000.
- Shiokawa, Yoshiro, to Anelva Corporation. Analyzing apparatus capable of analyzing a surface at a high resolution. 4,562,352, 12-31-85, Cl. 250-305.000.
- Shioleno, Lewis J., to North American Philips Corporation. High value surface mounted capacitor. 4,499,524, 2-12-85, Cl. 361-404.000.
- Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, to Murata Kikai Kabushiki Kaisha. Material flow system for automatic warehouses. 4,534,692, 8-13-85, Cl. 414-282.000.
- Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, to Murata Kikai Kabushiki Kaisha. Automatic system for conveying works in a machine shop. 4,538,950, 9-3-85, Cl. 414-222.000.
- Shiomi, Tadataka; Nabika, Kouichi; and Kawagoe, Takashi, to Murata Kikai Kabushiki Kaisha. Automatic tool exchanging system. 4,547,955, 10-22-85, Cl. 29-568.000.
- Shiomi, Yasushi: *See—*
  - Miyazaki, Haruhiko; Shiomi, Yasushi; Fujitus, Satoru; Masunaga, Katsuro; and Yanagisawa, Hiroshi, 4,507,494, Cl. 560-193.000.
- Shiomi, Yozo: *See—*
  - Sawanishi, Shigeru; Shiomi, Yozo; and Yamane, Akira, 4,510,111, Cl. 264-177.00F.
- Shiomura, Yasuro: *See—*
  - Ogawa, Masaki; and Shiomura, Yasuro, 4,500,685, Cl. 525-343.000.
  - Ogawa, Masaki; and Shiomura, Yasuro, 4,535,003, Cl. 427-207.100.
- Shiono, Fusahiro: *See—*
  - Ohnishi, Souichi; and Shiono, Fusahiro, 4,502,120, Cl. 364-405.000.
- Shiono, Manzo; Fujita, Yoshiji; and Nishida, Takashi, to Kuraray Co., Ltd. 3,4-dihydro-2H-benzopyran derivative, a method of producing them, a method of using them as stabilizers for organic materials, and organic compositions containing such stabilizers. 4,523,024, 6-11-85, Cl. 549-407.000.
- Shiono, Shigeo: *See—*
  - Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.
- Shionogi & Co., Ltd.: *See—*
  - Adachi, Ikuo; Yamamori, Teruo; Ueda, Motohiko; and Doteuchi, Masami, 4,562,256, Cl. 546-120.000.
  - Ebata, Mitsuo; Miyake, Yukio; and Kawamura, Yoshimi, 4,497,797, Cl. 424-118.000.
  - Hirai, Kentaro, 4,492,794, Cl. 548-193.000.
  - Igarashi, Kikuo; and Honma, Tsunetoshi, 4,552,695, Cl. 260-239.30B.
  - Ikawa, Kenji; Tokuyama, Kanji; and Kiyokawa, Masumi, 4,491,668, Cl. 549-315.000.
  - Itoh, Shinji; and Moroji, Takashi, 4,552,865, Cl. 514-15.000.
  - Kamata, Susumu; Matsui, Takeaki; and Haga, Nobuhiro, 4,502,989, Cl. 260-239.570.
  - Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; and Takahashi, Toshio, 4,535,088, Cl. 514-370.000.
  - Matsumura, Hiromu; Yano, Toshisada; and Narisada, Masayuki, 4,529,722, Cl. 514-210.000.
  - Morihara, Kazuyuki; Oka, Tatsushi; and Tsuzuki, Hiroshige, 4,511,505, Cl. 260-112.700.
  - Nagata, Wataru; Nishitani, Yasuhiro; and Sato, Hisao, 4,508,909, Cl. 548-251.000.
  - Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, 4,529,721, Cl. 514-191.000.
  - Nagata, Wataru; and Aoki, Tsutomu, 4,555,578, Cl. 548-251.000.
  - Narisada, Masayuki; Onoue, Hiroshi; Ohtani, Mitsuaki; and Watanabe, Fumihiko, 4,504,658, Cl. 544-90.000.
  - Narisada, Masayuki; Watanabe, Fumihiko; Okada, Tetsuo; and Matsumura, Hiromu, 4,525,355, Cl. 514-210.000.
  - Ogawa, Yasunao; Noto, Akira; Mori, Sachio; and Yoshioka, Mitsuru, 4,552,841, Cl. 435-18.000.
  - Sakai, Makiko, 4,506,079, Cl. 548-503.000.
  - Sonoyama, Takayasu; Yagi, Shigeo; and Kageyama, Bunji, 4,543,331, Cl. 435-138.000.
  - Sugasawa, Tsutomu; Toyoda, Tatsuo; and Sasakura, Kazuyuki, 4,551,554, Cl. 568-322.000.
  - Sugasawa, Tsutomu; Adachi, Makoto; Sasakura, Kazuyuki; Matsushita, Akira; and Eigyo, Masami, 4,560,684, Cl. 514-221.000.
  - Tanaka, Kentaro; and Tsuji, Naoki, 4,556,517, Cl. 260-245.20T.
  - Tokuyama, Kanji; Nishitani, Yasuhiro; Tanaka, Mamoru; and Nagata, Wataru, 4,511,738, Cl. 568-14.000.
  - Totani, Tetsushi; Aono, Katsutoshi; and Komura, Michihiro, 4,560,781, Cl. 556-137.000.
  - Tsuji, Teruji; Sato, Hisao; and Hamashima, Yoshio, 4,491,547, Cl. 260-455.00R.
  - Tsuji, Teruji; Sato, Hisao; and Hamashima, Yoshio, 4,532,233, Cl. 514-63.000.
  - Yamamoto, Sadao; Itani, Hikaru; Takahashi, Hiromi; Tsuji, Teruji; and Nagata, Wataru, 4,539,148, Cl. 260-239.00A.
  - Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,504,659, Cl. 544-92.000.
  - Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,533,730, Cl. 544-92.000.
- Shionozaki, Yoshio, to Kabushiki Kaisha Suwa Seikosha. Ester-azoxy compounds. 4,518,226, 5-21-85, Cl. 350-350.00R.
- Shiota, Eiji: *See—*
  - Arika, Junji; Shiota, Eiji; and Yamamoto, Kazuaki, 4,554,211, Cl. 428-402.000.
- Shiota, Junji: *See—*
  - Kurachi, Hisao; Ito, Takeo; Iwase, Takayuki; and Shiota, Junji, 4,533,267, Cl. 400-214.000.
- Shiota, Katsuyuki; Tanaka, Kunihiko; and Minai, Masayoshi, to Sumitomo Chemical Company, Limited. Method for producing 2-cyclopentenones. 4,540,825, 9-10-85, Cl. 568-341.000.
- Shiota, Kazuo; and Akimoto, Taizo, to Fuji Photo Film Co., Ltd. Hue identifying apparatus. 4,535,413, 8-13-85, Cl. 364-526.000.
- Shiota, Kazuo; Suzuki, Kenji; and Fukui, Takashi, to Fuji Photo Film Co., Ltd. Method for detecting defocused photographic image. 4,542,984, 9-24-85, Cl. 355-68.000.
- Shiota, Kohei: *See—*
  - Wada, Hidekazu; Yoshino, Hironori; and Shiota, Kohei, 4,535,382, Cl. 361-319.000.

Shiota, Masahiko: *See—*

Oaku, Takaaki; Hokazono, Yasuzi; Shiota, Masahiko; and Maki, Yoshihiro, 4,561,889, Cl. 75-125.000.

Shiotari, Yoshihisa, to Tokyo Shibaura Denki Kabushiki Kaisha. CMOS device with high density wiring layout. 4,523,216, 6-11-85, Cl. 357-42.000.

Shiotsu, Osamu: *See—*

Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, 4,516,221, Cl. 364-900.000.

Nakata, Yukio; and Shiotsu, Osamu, 4,547,751, Cl. 332-16.00R.

Shioya, Toshio; and Kimura, Katsuhiko, to Honda Giken Kogyo Kabushiki Kaisha. Fuel feeding system for an internal combustion engine. 4,516,555, 5-14-85, Cl. 123-470.000.

Shioya, Tsunetoshi: *See—*

Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.

Shioya, Yasumi: *See—*

Suzuki, Akira; Shioya, Yasumi; Watanabe, Norio; and Kimura, Keiichi, deceased, 4,500,427, Cl. 210-608.000.

Shioya, Yoshimi: *See—*

Miyamoto, Hidekazu; Shioya, Yoshimi; Maeda, Mamoru; and Takagi, Mikio, 4,513,026, Cl. 427-85.000.

Shioyama, Giichi: *See—*

Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.

Shioyama, Tod K., to Phillips Petroleum Company. Alpha-olefin conversion. 4,507,506, 3-26-85, Cl. 568-401.000.

Shioyama, Tod K., to Phillips Petroleum Company. Catalysts. 4,550,212, 10-29-85, Cl. 568-401.000.

Shioyama, Tod K.; and Little, Robert A., to Phillips Petroleum Company. Process for producing aluminum citrate solutions. 4,560,783, 12-24-85, Cl. 556-183.000.

Shioyama, Tod K.: *See—*

Kukes, Simon G.; and Shioyama, Tod K., 4,532,362, Cl. 568-401.000.

Murtha, Timothy P.; and Shioyama, Tod K., 4,507,507, Cl. 568-401.000.

Shiozaki, Masakazu; and Nishimura, Hidetaro, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus and method for cutting a wiring pattern. 4,532,401, 7-30-85, Cl. 219-121.0LH.

Shiozaki, Shigeru: *See—*

Adachi, Tomio; Shiozaki, Shigeru; and Tomie, Takashi, 4,505,966, Cl. 428-141.000.

Shiozaki, Shozo; Yamada, Hideaki; Tani, Yoshiki; and Shimizu, Sakayu, to Nippon Zeon Co. Ltd. Yeast culture containing S-adenosyl methionine in high concentrations, and process for production of S-adenosyl methionine. 4,562,149, 12-31-85, Cl. 435-88.000.

Shiozaki, Syuji, to Fujitsu Ten Limited. Cassette tape reproduction control arrangement. 4,554,599, 11-19-85, Cl. 360-69.000.

Shiozaki, Tadakazu: *See—*

Koyanagi, Yuzo; Koike, Tetuo; Suzuki, Takayuki; and Shiozaki, Tadakazu, 4,527,531, Cl. 123-501.000.

Shiozaki, Takashi: *See—*

Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Shiozaki, Tsugio: *See—*

Horiya, Keiichi; Shiozaki, Tsugio; and Sato, Koichiro, 4,507,668, Cl. 346-76.0PH.

Miyazaki, Naoki; Horiya, Keiichi; Shiozaki, Tsugio; and Takahama, Kazuhide, 4,511,903, Cl. 346-76.0PH.

Shiozawa, Hiroaki: *See—*

Matsuzaka, Syoji; Koitabashi, Takeo; Haga, Yoshihiro; Suzuki, Akio; and Shiozawa, Hiroaki, 4,497,895, Cl. 430-569.000.

Shiozawa, Kazuo: *See—*

Watanabe, Koji; Shiozawa, Kazuo; Suzuki, Kiziro; and Shimokawa, Ryushi, 4,492,450, Cl. 354-412.000.

Shiozawa, Takao, to Konishiroku Photo Industry Co., Ltd. Paper feeding means for recording apparatus. 4,504,053, 3-12-85, Cl. 271-34.000.

Shiozawa, Takao, to Konishiroku Photo Industry Co., Ltd. Sheet feeding means. 4,509,737, 4-9-85, Cl. 271-125.000.

Shipchandler, Mohammed T.: *See—*

Kirkemo, Curtis L.; and Shipchandler, Mohammed T., 4,510,251, Cl. 436-536.000.

Shipley Company Inc.: *See—*

Abu-Moustafa, Magda; and Valayil, Silvester P., 4,539,044, Cl. 106-1.230.

Castner, B. Christian, 4,499,852, Cl. 118-690.000.

Christensen, Carl W.; and Isaacson, Calvin, 4,530,896, Cl. 430-155.000.

Christensen, Carl W.; and Isaacson, Calvin, 4,544,619, Cl. 430-258.000.

Deckert, Cheryl A.; Couble, Edward C.; and Bonetti, William F., 4,515,829, Cl. 427-97.000.

Gulla, Michael; Taylor, Paul; and Oddi, Michael J., 4,551,409, Cl. 430-192.000.

Orio, Alfred P.; Levy, Leonard R.; and Gulla, Michael, 4,511,403, Cl. 106-1.220.

Orio, Alfred P., 4,533,445, Cl. 204-159.190.

Valayil, Silvester; Abu-Moustafa, Magda; and Benjamin, Terry A., 4,512,818, Cl. 148-6.14R.

Valayil, Silvester P.; and Aronson, Vita, 4,525,759, Cl. 360-135.000.

Shipley, John F.: *See—*

Rudik, William J.; Schmitt, George P.; and Shipley, John F., 4,544,801, Cl. 174-68.500.

Shipley, John M.: *See—*

Buchanan, James E.; and Shipley, John M., 4,550,342, Cl. 358-153.000.

Shipley, Randall S., to Dow Chemical Company, The. High efficiency catalyst for polymerizing olefins. 4,496,661, 1-29-85, Cl. 502-115.000.

Shipman, Douglas L.: *See—*

Shukla, Rahul B.; and Shipman, Douglas L., 4,535,576, Cl. 51-413.000.

Shipman, Gene H., to Minnwesota Mining and Manufacturing Company. Microporous sheet material, method of making and articles made therewith. 4,539,256, 9-3-85, Cl. 428-315.500.

Shipos, Louis E.; and Tinker, Steven I., to NCR Corporation. Compact rotary knife mechanism. 4,525,088, 6-25-85, Cl. 400-621.000.

Shipp, Kenneth O., Jr.; Wood, Richard B.; and Repass, James T., to International Business Machines Corporation. Column layout reference area display management. 4,506,343, 3-19-85, Cl. 364-900.000.

Shipp, Kenneth O., Jr.: *See—*

Cuan, Victor; McCaskill, Rex A.; Repass, James T.; and Shipp, Kenneth O., Jr., 4,503,515, Cl. 364-900.000.

Shippey, Michael A., to Chevron Research Company. Ortho-carboxy phenylphenone lubricating oil additives. 4,548,723, 10-22-85, Cl. 252-39.000.

Shippey, Michael A., to Chevron Research Company. Overbased ortho-carboxy phenylphenone lubricating oil additives. 4,550,197, 10-29-85, Cl. 562-460.000.

Shiraga, Yusei: *See—*

Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.

Shiragami, Kazuharu: *See—*

Deguchi, Masahiro; Moriya, Mitsuro; Wakami, Noboru; Goto, Yasuhiro; and Shiragami, Kazuharu, 4,539,664, Cl. 369-44.000.

Shiragasawa, Tsuyoshi, to Matsushita Electric Industrial Co., Ltd. Semiconductor memory device. 4,541,090, 9-10-85, Cl. 371-21.000.

Shirahase, Ichiro: *See—*

Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.

Shirahata, Akihiko: *See—*

Sasaki, Shosaku; Kaiya, Nobuo; and Shirahata, Akihiko, 4,559,396, Cl. 528-15.000.

Shirahata, Kunikatsu: *See—*

Koguchi, Toshiro; Kase, Hiroshi; Kawamoto, Isao; Kasai, Masaji; Shirahata, Kunikatsu; Okachi, Ryo; and Nakayama, Kiyoshi, 4,522,812, Cl. 514-7.000.

Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.

Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, 4,511,560, Cl. 514-27.000.

Shirahata, Ryuji; Yamada, Yasuyuki; Kitamoto, Tatsuji; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Magnetic recording media. 4,503,119, 3-5-85, Cl. 428-336.000.

Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Magnetic recording medium manufacturing apparatus. 4,526,131, 7-2-85, Cl. 118-718.000.

Shirahata, Ryuji; Sekine, Masaru; and Akashi, Goro, to Fuji Photo Film Co., Ltd. Apparatus for manufacturing magnetic recording media. 4,546,725, 10-15-85, Cl. 118-718.000.

Shirahata, Ryuji: *See—*

Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, 4,557,948, Cl. 427-131.000.

Yanai, Akio; and Shirahata, Ryuji, 4,511,594, Cl. 427-38.000.

Shirai, Akira: *See—*

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Shirai, Ei: *See—*

Yoshida, Mamoru; Yokoo, Hidejiro; and Shirai, Ei, 4,496,585, Cl. 514-514.000.

Shirai, Eiichi: *See—*

Nakano, Hideaki; Ozu, Tadahiro; and Shirai, Eiichi, 4,517,930, Cl. 123-41.310.

Shirai, Hiroshi: *See—*

Mori, Teruo; Shirai, Hiroshi; Kakei, Tsutomu; Matsuhisa, Tsuneyasu; and Watanabe, Masaru, 4,502,933, Cl. 204-206.000.

Shirai, Hitoshi: *See—*

Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, 4,508,443, Cl. 354-402.000.

Shirai, Kazunari; and Tanaka, Izumi, to Fujitsu Limited. Semiconductor memory device and process for producing the same. 4,500,899, 2-19-85, Cl. 357-23.000.

Shirai, Kazuo, to Elco International K.K. Electrical connector. 4,560,231, 12-24-85, Cl. 339-258.0RR.

Shirai, Masanari: *See—*

Kashiwagi, Kazuo; and Shirai, Masanari, 4,496,117, Cl. 242-191.000.

Shirai, Mitsuru; Fukuda, Nobuo; Yamamoto, Akira; and Tsuji, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Heat exchanging device with heat exchanging plates. 4,549,603, 10-29-85, Cl. 165-104.330.

Shirai, Naoki: *See—*
- Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285. Cl. 350-600.000.

Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, to Canon Kabushiki Kaisha. Photoconductive member having an amorphous silicon layer. 4,501,807, 2-26-85, Cl. 430-57.000.

Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, to Canon Kabushiki Kaisha. Photoconductive member containing an amorphous boron layer. 4,525,442, 6-25-85, Cl. 430-57.000.

Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, to Canon Kabushiki Kaisha. Amorphous silicon photoconductive member. 4,539,283, 9-3-85, Cl. 430-61.000.

Shirai, Shigeru; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, to Canon Kabushiki Kaisha. Photoconductive member comprising silicon and oxygen. 4,547,448, 10-15-85, Cl. 430-84.000.

Shirai, Shigeru; Kanbe, Junichiro; and Fukuda, Tadaji, to Canon Kabushiki Kaisha. Photoconductive member having barrier layer and amorphous silicon charge generation and charge transport layers. 4,557,987, 12-10-85. Cl. 430-58.000.

Shirai, Shigeru: *See—*
- Kanbe, Junichiro; Shirai, Shigeru; Misumi, Teruo; Saitoh, Keishi; and Osato, Yoichi, 4,536,460, Cl. 430-57.000.
- Misumi, Teruo; Ogawa, Kyosuke; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Shirai, Shigeru, 4,536,459, Cl. 430-57.000.
- Ogawa, Kyosuke; Shirai, Shigeru; Kanbe, Junichiro; Saitoh, Keishi; Osato, Yoichi; and Misumi, Teruo, 4,522,905, Cl. 430-60.000.
- Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,529,679, Cl. 430-84.000.
- Ogawa, Kyosuke; Shirai, Shigeru; Saitoh, Keishi; Misumi, Teruo; and Kanbe, Junichiro, 4,555,465, Cl. 430-95.000.

Shirai, Shiro; Ogahara, Shunji; and Kubo, Miyuki, to Secom Co., Ltd. Security-ensuring apparatus having an operational guidance function. 4,536,749, 8-20-85, Cl. 340-525.000.

Shirai, Shoji: *See—*
- Yamauchi, Masaaki; Yabe, Minoru; Shirai, Shoji; Komoro, Hidemasa; and Matsuda, Kenichi, 4,498,026, Cl. 313-414.000.

Shirai, Shunichi: *See—*
- Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, 4,550,118, Cl. 514-383.000.

Shirai, Tamenori, to Mitutoyo Mfg. Co., Ltd. Micrometer head. 4,532,711, 8-6-85, Cl. 33-164.00R.

Shirai, Tetsuaki, to Kawasaki Jukogyo Kabushiki Kaisha. Air cleaner for an air-cooled engine. 4,537,160, 8-27-85, Cl. 123-41.580.

Shirai, Tomoyuki: *See—*
- Fukui, Tsutomu; and Shirai, Tomoyuki, 4,561,013, Cl. 358-22.000.

Shirai, Yuji; Otsuka, Kanji; Usami, Tamotsu; and Yamasaki, Yasuyuki, to Hitachi, Ltd. Wire bonding apparatus. 4,527,730, 7-9-85, Cl. 228-179.000.

Shiraimatsu Shinyaku Company Ltd.: *See—*
- Torii, Kuniyoshi; and Egma, Chikashi, 4,501,730, Cl. 424-76.000.

Shiraishi, Akiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Grounding device for preventing electrolytic corrosion in the bearings of rotary electric machines. 4,515,417, 5-7-85, Cl. 384-445.000.

Shiraishi, Hiroshi: *See—*
- Isobe, Asao; Makino, Daisuke; and Shiraishi, Hiroshi, 4,513,077, Cl. 430-270.000.

Shiraishi, Hiroyuki: *See—*
- Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, 4,536,211, Cl. 75-5.000.

Shiraishi, Hisashi: *See—*
- Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, 4,548,869, Cl. 428-474.700.
- Ogawa, Masashi; Shiraishi, Hisashi; and Ikeda, Teppei, 4,548,870, Cl. 428-474.700.

Shiraishi, Iwao: *See—*
- Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.

Shiraishi, Minoru; Numata, Yoshimi; Tano, Hiroshi; and Onaka, Tatsumi, to Hitachi Zosen Corporation. Apparatus for abrasive cleaning. 4,532,878, 8-6-85, Cl. 114-222.000.

Shiraishi, Mitsuru: *See—*
- Numata, Mitsuo; Minamida, Isao; Yamaoka, Masayoshi; Shiraishi, Mitsuru; and Miyawaki, Toshio, 4,517,361, Cl. 544-24.000.
- Terao, Shinji; Shiraishi, Mitsuru; and Kato, Kaneyoshi, 4,533,554, Cl. 514-464.000.

Shiraishi, Norihisa: *See—*
- Yoshida, Shigeru; Shiraishi, Norihisa; Asakawa, Chosei; and Sakaguchi, Morohira, 4,544,142, Cl. 266-252.000.

Shiraishi, Shiro: *See—*
- Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, 4,552,894, Cl. 514-464.000.

Shiraishi, Yasuhiro, to Nissan Motor Company, Limited. Automatic windshield wiper speed control with piezoelectric sensor. 4,527,105, 7-2-85, Cl. 318-444.000.

Shiraishi, Yasuhiro: *See—*
- Noso, Kazunori; Kishi, Norimasa; Futami, Toru; Nomura, Hiroyuki; and Shiraishi, Yasuhiro, 4,506,378, Cl. 381-43.000.

Shiraishi, Yoshinobu: *See—*
- Kamada, Kazumasa; Tamai, Katsumi; Abe, Kazunori; and Shiraishi, Yoshinobu, 4,525,537, Cl. 525-198.000.

Shiraishi, Yoshiro, to Eiko Shiraishi. Omnidirectional drive system. 4,519,466, 5-28-85, Cl. 180-7.100.

Shiraiwa, Michitaka: *See—*
- Hasegawa, Shumpei; and Shiraiwa, Michitaka, 4,558,682, Cl. 123-589.000.

Shiraiwa, Toshiyuki; and Ooba, Kaoru, to Secom Co., Ltd. Multi-operation mode type of security-ensuring apparatus. 4,514,721, 4-30-85, Cl. 340-527.000.

Shirakami, Toshiaki, to General Corporation, The. Chroma-key signal generator. 4,506,289, 3-19-85, Cl. 358-22.000.

Shirakawa, Isao: *See—*
- Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; and Shirakawa, Isao, 4,539,150, Cl. 260-239.30B.

Shirakawa, Kenzo: *See—*
- Yamamoto, Shigeo; Tanimizu, Makoto; Shirakawa, Kenzo; and Wataya, Hideji, 4,559,456, Cl. 307-66.000.

Shirakawa, Kiyoshi, to Sanyo-Kokusaku Pulp Co., Ltd. Bottom flap structure in paper box for liquids. 4,540,116, 9-10-85, Cl. 229-38.000.

Shirakawa, Masami, to Sony Corporation. Motor speed control circuit. 4,498,034, 2-5-85, Cl. 318-314.000.

Shirakawa, Shingo: *See—*
- Ozawa, Jun; Shindo, Katuji; and Shirakawa, Shingo, 4,502,089, Cl. 361-127.000.

Shirakawa, Yasuhiro: *See—*
- Takahara, Takeshi; Ishii, Tsutomu; and Shirakawa, Yasuhiro, 4,515,706, Cl. 252-301.40H.

Shiraki, Hiroyuki; and Abe, Tetsuro, to Takeda Chemical Industries, Ltd. Urethane acrylate compositions. 4,507,458, 3-26-85, Cl. 528-49.000.

Shiraki, Kenhachi: *See—*
- Deguchi, Yutaka; Kouzuki, Rikuzou; Iinuma, Daiwa; Shiraki, Kenhachi; Sakamoto, Kiyoshi; Tsuboi, Kunio; and Shibata, Yoshitaka, 4,531,823, Cl. 355-3.00R.

Shiraki, Kenji: *See—*
- Hareyama, Kyuichi; Shiraki, Kenji; and Ryu, Kazuo, 4,503,421, Cl. 340-347.0DA.

Shiraki, Manabu; Nakajima, Akihiro; and Miyazawa, Takashi, to Sinano Denki Kabushiki Kaisha. Disk type motor speed detecting device. 4,499,420, 2-12-85, Cl. 324-174.000.

Shiraki, Masao: *See—*
- Kodama, Ikuo; Inoue, Masaharu; Shiraki, Masao; and Suzuki, Hajime, 4,538,650, Cl. 139-452.000.
- Suzuki, Hajime; and Shiraki, Masao, 4,495,971, Cl. 139-435.000.
- Suzuki, Hajime; and Shiraki, Masao, 4,529,017, Cl. 139-452.000.

Shiraki, Masaru: *See—*
- Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.

Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for continuously polymerizing a block copolymer and the block copolymer mixture obtained therefrom. 4,530,966, 7-23-85, Cl. 525-89.000.

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Shirako, Hideo, to Olympus Optical Co., Ltd. Tape cassette liner sheet arrangement. 4,516,181, 5-7-85, Cl. 300-132.000.

Shirako, Hideo, to Olympus Optical Co., Ltd. Pad apparatus for magnetic tape cassette. 4,561,033, 12-24-85, Cl. 360-130.330.

Shirako, Hideo: *See—*
- Saito, Shoichi; and Shirako, Hideo, 4,492,417, Cl. 312-9.000.
- Saito, Shoichi; and Shirako, Hideo, 4,523,680, Cl. 206-387.000.

Shirakoshi, Hiroshi: *See—*
- Nagano, Fumikazu; and Shirakoshi, Hiroshi, 4,554,563, Cl. 346-154.000.

Shirakura, Masaru, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for controlling exhaust system of internal-combustion engine. 4,558,566, 12-17-85, Cl. 60-314.000.

Shirakura, Masaru: *See—*
- Honda, Shoich; Muto, Osamu; and Shirakura, Masaru, 4,559,909, Cl. 123-90.280.

Shirakura, Toshiharu: *See—*
- Kuwabara, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Sasaki, Kouji, 4,500,998, Cl. 372-61.000.
- Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, 4,541,097, Cl. 372-87.000.

Shiramizu, Takami, to Victor Company of Japan, Ltd. Electronic musical instrument having variable frequency dividers. 4,537,108, 8-27-85, Cl. 84-1.010.

Shirane, Hideto, to Fuji Photo Film Co., Ltd. Warning device for cameras. 4,538,894, 9-3-85, Cl. 354-467.000.

Shirano, Kenji: *See—*
- Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,496,714, Cl. 528-272.000.

Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.
Shirasaka, Masaru: *See—*
  Hagiwara, Hiroshi; Shirasaka, Masaru; and Nagayama, Hajime, 4,540,553, Cl. 423-230.000.
Shirasaka, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic pulse Doppler blood flow meter with provision to create ultrasonic test waves which, when reflected from a stationary object, result in echoes similar to those produced by a moving object. 4,554,926, 11-26-85, Cl. 128-663.000.
Shirasaka, Toshio: *See—*
  Saito, Kazuyoshi; Iida, Taketoshi; Shirasaka, Toshio; and Takemura, Yasuhiko, 4,541,435, Cl. 128-660.000.
Shirasaki, Masataka, to Fujitsu Limited. Optical device. 4,548,478, 10-22-85, Cl. 350-377.000.
Shirasaki, Yuichi: *See—*
  Iwamoto, Yoshinao; Shirasaki, Yuichi; Fujise, Masayuki; and Asakawa, Kenichi, 4,544,233, Cl. 350-96.200.
  Izawa, Toshio; Iwamoto, Yoshinao; Shirasaki, Yuichi; and Asakawa, Kenichi, 4,492,492, Cl. 405-160.000.
Shirasu, Hirotoshi: *See—*
  Amada, Eiichi; Kuwahara, Hiroshi; Shirasu, Hirotoshi; Suzuki, Taihei; and Morita, Takashi, 4,543,652, Cl. 370-66.000.
  Morikawa, Yuichi; Saito, Kazuo; Amada, Eiichi; and Shirasu, Hirotoshi, 4,558,185, Cl. 179-170.0NC.
Shirata, Shigenobu; and Kurihara, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for controlling output of alarm information. 4,543,567, 9-24-85, Cl. 340-519.000.
Shirataki, Kenji, to Tokai Shoji Co. Ltd. Apparatus for applying emulsion onto screen printing plate. 4,509,455, 4-9-85, Cl. 118-696.000.
Shiratani, Yuji, to Mitsubishi Denki Kabushiki Kaisha. Radio receiver. 4,525,867, 6-25-85, Cl. 455-194.000.
Shiratani, Yusuke: *See—*
  Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Hasegawa, Teruyuki; Nimura, Yoichi; and Hiraga, Noriyuki, 4,539,043, Cl. 266-265.000.
  Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, 4,560,405, Cl. 75-12.000.
Shirato, Moritoshi: *See—*
  Fujita, Kouichi; and Shirato, Moritoshi, 4,551,841, Cl. 371-66.000.
Shirato, Takehide, to Fujitsu Limited. Mask ROM-type semiconductor memory device. 4,500,975, 2-19-85, Cl. 365-104.000.
Shirato, Takehide, to Fujitsu Limited. Method of forming conductive channel extensions to active device regions in CMOS device. 4,530,150, 7-23-85, Cl. 29-576.00B.
Shirato, Takehide, to Fujitsu Limited. Read only memory. 4,542,482, 9-17-85, Cl. 365-182.000.
Shirato, Yoshiaki: *See—*
  Ayata, Naoki; Shirato, Yoshiaki; Takatori, Yasushi; and Seki, Mitsuaki, 4,520,373, Cl. 346-140.00R.
  Seki, Mitsuaki; Tazaki, Shigemitsu; and Shirato, Yoshiaki, 4,492,966, Cl. 346-33.00A.
  Shinmi, Akira; Fukui, Masahisa; Hara, Toshitami; Shirato, Yoshiaki; and Hajimoto, Yoshioki, 4,545,881, Cl. 204-192.0SP.
Shiratori, Masayuki: *See—*
  Katsura, Masaki; Harata, Mituo; Takikawa, Osamu; and Shiratori, Masayuki, 4,499,054, Cl. 422-98.000.
Shiratsuchi, Kouji, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle structure. 4,556,119, 12-3-85, Cl. 180-219.000.
Shiratsuki, Yoshiyuki, to Fuji Xerox Co., Ltd. Thermal printing head. 4,549,189, 10-22-85, Cl. 346-76.0PH.
Shirayama, Shimpey: *See—*
  Seki, Eiji; Tai, Ichiro; Shirayama, Shimpey; Itoh, Toshiaki; Endo, Yorimasa; and Fukushima, Toshiki, 4,493,811, Cl. 376-254.000.
Shirazawa, Takashi: *See—*
  Inoue, Takeo; and Shirazawa, Takashi, 4,519,970, Cl. 264-261.000.
Shirck, James R.: *See—*
  Jeffrey, Frank R., III; and Shirck, James R., 4,513,073, Cl. 430-65.000.
Shire, Steven J.: *See—*
  Jones, Andrew J. S.; Olson, Kenneth C.; and Shire, Steven J., 4,512,922, Cl. 260-112.00R.
Shirey, Richard, to Donn Incorporated. Screw slot runner system. 4,535,580, 8-20-85, Cl. 52-484.000.
Shirey, Richard, to Donn Incorporated. Expanded metal products. 4,545,170, 10-8-85, Cl. 52-670.000.
Shirinian, Grigory O.: *See—*
  Petrosian, Ashot G.; Kuzanian, Armen S.; Ovanesian, Karine L.; Butaeva, Tatyana I.; Shirinian, Grigory O.; and Avetisian, Ashot A., 4,543,342, Cl. 501-86.000.
Shirley, Arthur R., Jr.; and Carney, Frederick T., Jr., to Tennessee Valley Authority. Enhanced heat transfer process by forced gas recirculation. 4,506,453, 3-26-85, Cl. 34-12.000.
Shirley, Donald J.; and Owen, Thomas E., to Southwest Research Institute. Cylindrical bender-type vibration transducer. 4,525,645, 6-25-85, Cl. 310-337.000.
Shirley, Gaylord R.; and Chiodo, Daniel J., to Packaging Corporation International. Disposable automatic lancet. 4,539,988, 9-10-85, Cl. 128-314.000.
Shirley, Ian M.: *See—*
  Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., 4,524,198, Cl. 526-292.100.
  Ballard, Denis G. H.; Courtis, Andrew; and Shirley, Ian M., 4,536,555, Cl. 526-295.000.
  Ballard, Denis G. H.; Moran, Kenneth T.; and Shirley, Ian M., 4,548,737, Cl. 252-500.000.
Shirley, Steven E. Exercise apparatus. 4,534,553, 8-13-85, Cl. 272-73.000.
Shirn, George A.; and Pfister, William J., to Sprague Electric Company. Electrolytic capacitor containing a hydrochloric acid electrolyte. 4,531,177, 7-23-85, Cl. 361-433.000.
Shirogami, Tamotsu; and Ueno, Mitsushi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electrochemical power generator. 4,515,871, 5-7-85, Cl. 429-34.000.
Shirogami, Tamotsu: *See—*
  Ueno, Mitsushi; Shirogami, Tamotsu; and Mikogami, Yukihiro, 4,555,324, Cl. 204-284.000.
Shirogane, Yoshiji: *See—*
  Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.
Shiroi, Takashi: *See—*
  Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, 4,499,265, Cl. 544-16.000.
  Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, 4,532,077, Cl. 260-245.400.
Shiroishi, Yoshihiro: *See—*
  Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, 4,539,616, Cl. 360-125.000.
Shirokane, Yoshio: *See—*
  Nakajima, Motoo; Nakamura, Kazuo; Shirokane, Yoshio; and Mizusawa, Kiyoshi, 4,503,147, Cl. 435-25.000.
Shiroki, Hiroyuki: *See—*
  Yoshida, Mitsuo; and Shiroki, Hiroyuki, 4,496,453, Cl. 204-290.00R.
Shiroki Kinzoku Kogyo Kabushiki Kaisha: *See—*
  Fukuta, Kinsho; and Kanamaru, Makoto, 4,541,672, Cl. 297-367.000.
  Katsumoto, Naoaki; Ohshiro, Hideyuki; and Sakai, Masanori, 4,538,856, Cl. 297-367.000.
  Ohshiro, Hideyuki, 4,504,091, Cl. 297-362.000.
Shirokov, Anatoly I.: *See—*
  Bauer, Ivan K.; Malyshev, Vitaly P.; Abishev, Dzhantore N.; Belyaev, Sergei V.; Shirokov, Anatoly I.; Baltynova, Nazymkul; Alipchenko, Elena S.; Ekeibaev, Djusenkhan D.; and Abdulkhairov, Vakhit T., 4,494,930, Cl. 432-95.000.
Shirose, Haruya: *See—*
  Hara, Kenjiro; and Shirose, Haruya, 4,552,104, Cl. 123-192.00R.
Shirose, Meizo; Ito, Kunio; Takagiwa, Hiroyuki; Takahashi, Jiro; and Gunzi, Kouichi, to Konishiroku Photo Industry Co., Ltd. Method for the formation of images. 4,514,486, 4-30-85, Cl. 430-124.000.
Shirose, Meizo: *See—*
  Takagiwa, Hiroyuki; Takahashi, Jiro; Shirose, Meizo; Inaba, Naomi; and Seki, Megumi, 4,557,991, Cl. 430-109.000.
Shirota Denki Rozai Kabushiki Kaisha: *See—*
  Shirota, Kazunori, 4,534,150, Cl. 53-390.000.
Shirota, Kazunori, to Shirota Denki Rozai Kabushiki Kaisha. Tool for use with refilling empty ampules with dental impression materials. 4,534,150, 8-13-85, Cl. 53-390.000.
Shirota, Norihisa; and Abe, Takao, to Sony Corporation. Method and apparatus for N-to-M encoding. 4,517,552, 5-14-85, Cl. 340-347.0DD.
Shiroto, Yoshimi; Nakata, Shinichi; and Hashimoto, Hideki, to Chiyoda Chemical Engineering & Construction Co., Ltd. Method of converting heavy hydrocarbon oils into light hydrocarbon oils. 4,530,753, 7-23-85, Cl. 208-68.000.
Shiroto, Yoshimi; Nakata, Shinichi; and Hashimoto, Hideki, to Chiyoda Chemical Engineering & Construction Co., Ltd. Process for the conversion of heavy hydrocarbon oils into light hydrocarbon oils. 4,530,754, 7-23-85, Cl. 208-68.000.
Shiroyama, Shoichi; Yamashita, Kazuo; and Morishita, Katsuji, to Sumitomo Metal Industries, Ltd.; and Tokai Rubber Industries, Ltd. Shock absorber for vehicular couplers. 4,506,868, 3-26-85, Cl. 267-3.000.
Shiroyama, Tadayoshi, to Tachikawa Pin Seisakujo Co., Ltd. Magazine device of air nailer. 4,518,109, 5-21-85, Cl. 227-109.000.
Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., to United States of America, Interior. Recovery of titanium from perovskite using sulfuric acid leaching. 4,552,730, 11-12-85, Cl. 423-82.000.
Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., to United States of America, Interior. Recovery of titanium from perovskite by acid sulfation. 4,562,049, 12-31-85, Cl. 423-82.000.
Shirtum, Robert P.: *See—*
  Wernli, Walter L.; and Shirtum, Robert P., 4,558,116, Cl. 528-95.000.
Shiseido Company Ltd.: *See—*
  Kubo, Sanae; and Nakamura, Fumiaki, 4,547,365, Cl. 424-71.000.
  Kubo, Sanae; and Nakamura, Fumiaki, 4,548,811, Cl. 424-71.000.
  Kubo, Sanae; and Kawada, Emiko, 4,560,554, Cl. 424-71.000.
  Nara, Michiko; Yamazaki, Kazunori; and Akiyama, Yasuko, 4,536,405, Cl. 514-781.000.
  Taguchi, Toshio; Akino, Hisashi; and Nozawa, Takamitsu, 4,513,877, Cl. 220-335.000.
Shishido, Tomio: *See—*
  Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.
Shishido, Yoshio, to Olympus Optical Co., Ltd. Hardness measuring probe. 4,503,865, 3-12-85, Cl. 128-774.000.

Shishido, Yoshio, to Olympus Optical Co., Ltd. Focusing detecting device with coaxial source and detector. 4,538,062, 8-27-85, Cl. 250-201.000.

Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, to Olympus Optical Co., Ltd. Photosensor for optical observing or photographing devices. 4,556,787, 12-3-85, Cl. 250-201.000.

Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, to Showa Denko Kabushiki Kaisha; and Hitachi, Ltd. Secondary battery. 4,537,843, 8-27-85, Cl. 429-197.000.

Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, to Showa Denko Kabushiki Kaisha; and Hitachi, Ltd. Battery having electrode made of polymeric compound having conjugated double bonds. 4,544,615, 10-1-85, Cl. 429-194.000.

Shiuh, Jerome C.; and Tocci, Mario P., to Manville Service Corporation. Preparation and expansion of perlite ore fines. 4,557,883, 12-10-85, Cl. 264-43.000.

Shiurila, John; and Robert, Kenneth A., to Centronics Data Computer Corp. Venting and ink recycling device. 4,491,433, 1-1-85, Cl. 400-471.100.

Shive, William, to Clayton Foundation for Research. Assessment of nutritional status of individuals. 4,499,064, 2-12-85, Cl. 424-2.000.

Shively, Richard R.: *See—*
Robinson, William V., Jr.; and Shively, Richard R., 4,559,609, Cl. 364-784.000.

Shivers, Charles B., Jr. Carburetor for internal combustion engines. 4,547,325, 10-15-85, Cl. 261-65.000.

Shivers, Horace L. Container and closure with tamper indicating means. 4,545,493, 10-8-85, Cl. 215-230.000.

Shivers, Joe D.: *See—*
Porter, James A., Jr.; Shivers, Joe D.; Rozycki, Marek; and Johnston, Otis, 4,496,015, Cl. 180-9.260.

Shizawa, Masao, to Orion Kasei Kabushiki Kaisha. Process and apparatus for injection-molding foamed article. 4,507,255, 3-26-85, Cl. 264-45.100.

Shizuka, Masayuki; Ogasawara, Nobuhiko; Kanamaru, Hisanobu; and Tsuruoka, Kazuhiro, to Hitachi, Ltd. Fixed field inductor-type generator. 4,506,180, 3-19-85, Cl. 310-91.000.

Shkawrytko, Victor: *See—*
Wagner, Peter; and Shkawrytko, Victor, 4,510,350, Cl. 179-5.00P.

Shklyarman, Sergei S.: *See—*
Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Shkolnik, Alexander: *See—*
Borodulin, German; Shkolnik, Alexander; and Baron, Raphael, 4,552,125, Cl. 126-437.000.

Shlatz, Myron F.: *See—*
Gobran, Frederick S.; Grospin, Fred E.; Pittwood, Donald G.; and Shlatz, Myron F., 4,504,723, Cl. 219-85.00F.

Shlichta, Paul J., to United States of America, National Aeronautics and Space Administration. Method for growth of crystals by pressure reduction of supercritical or subcritical solution. 4,512,846, 4-23-85, Cl. 156-623.00Q.

Shlichta, Paul J., to United States of America, National Aeronautics and Space Administration. Method for minimizing convection during crystal growth from solution. 4,517,048, 5-14-85, Cl. 156-621.000.

Shmorgunenko, Nikolai S.: *See—*
Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Shmueli, Shmuel S. Three dimensional combination assembly game. 4,518,165, 5-21-85, Cl. 273-156.000.

Shmulovich, Joseph: *See—*
Berkstresser, George W.; Huo, Tai-Chan D.; and Shmulovich, Joseph, 4,550,256, Cl. 250-483.100.

Shneider, Benjamin L.: *See—*
Winzenburg, Mark L.; Fields, Ellis K.; and Shneider, Benjamin L., 4,536,560, Cl. 528-188.000.

Sho-Bond Construction Co., Ltd.: *See—*
Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.

Shoaf, Myron D.; and Pischke, La Monte D., to General Foods Corporation. Sweetening composition and method. 4,517,214, 5-14-85, Cl. 426-548.000.

Shoaf, Myron D.: *See—*
Sorge, Richard M.; Ponzoni, Ronald W.; and Shoaf, Myron D., 4,554,167, Cl. 426-285.000.

Shockley, Brett A.: *See—*
Skovran, Daniel G.; Shockley, Brett A.; and Chouanard, Harvey J., 4,519,014, Cl. 361-397.000.

Shoemaker, John R.: *See—*
Beck, Hoy S., Jr.; and Shoemaker, John R., 4,522,460, Cl. 339-99.00R.

Shoemaker, Leon H., to National Mine Service Company. Re-railing jack. 4,556,200, 12-3-85, Cl. 254-424.000.

Shoff, Bernell D., to U.S. Truck Cranes, Inc. Remote control apparatus for a machine such as a crane. 4,508,014, 4-2-85, Cl. 91-527.000.

Shoff, Daniel J.: *See—*
Chang, Richard S.; Ling, John Y.; and Shoff, Daniel J., 4,492,582, Cl. 434-169.000.

Shoffner, James P.: *See—*
Engel, Dusan J.; Malloy, Thomas P.; and Shoffner, James P., 4,503,269, Cl. 568-783.000.

Shofner, Frederick M., to PPM, Inc. Apparatus and methods for aeromechanical and electrodynamic release and separation of foreign matter from fiber. 4,512,060, 4-23-85, Cl. 19-200.000.

Shogren, David K.: *See—*
Zambelli, Robert G.; and Shogren, David K., 4,542,983, Cl. 355-55.000.

Shoham, Ilan. Cotton drying tower for ginneries. 4,535,510, 8-20-85, Cl. 19-0.270.

Shoher, Itzhak; and Whiteman, Aharon. Dental jacket crown, coping and method of construction. 4,492,579, 1-8-85, Cl. 433-222.000.

Shoichiro, Uyeo: *See—*
Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,504,659, Cl. 544-92.000.
Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,533,730, Cl. 544-92.000.

Shoji, Akio: *See—*
Murakami, Yoichi; Shoji, Akio; Takezawa, Shoichiro; Ishikawa, Noboru; and Morita, Toshiaki, 4,499,239, Cl. 525-111.000.

Shoji, Fusaji; Takemoto, Issei; Kataoka, Fumio; Yokono, Hitoshi; and Isogai, Tokio, to Hitachi, Ltd. Heat-resistant silicone block polymer. 4,513,132, 4-23-85, Cl. 528-21.000.

Shoji, Fusaji: *See—*
Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.

Shoji, Futoshi: *See—*
Nakamoto, Hiromasa; Natsuaki, Yukinobu; Michihira, Osamu; and Shoji, Futoshi, 4,561,527, Cl. 192-4.00C.

Shoji, Masakazu, to AT&T Bell Laboratories. Chipset synchronization arrangement. 4,514,647, 4-30-85, Cl. 307-269.000.

Shoji, Masakazu, to AT&T Bell Laboratories. VLSI chip with ground shielding. 4,514,749, 4-30-85, Cl. 357-68.000.

Shoji, Masakazu, to AT&T Bell Laboratories. Integrated circuit including logic array with distributed ground connections. 4,516,123, 5-7-85, Cl. 340-825.860.

Shoji, Masashi, to NEC Corporation. Comparator circuit having hysteresis voltage substantially independent of variation in power supply voltage. 4,556,805, 12-3-85, Cl. 307-359.000.

Shoji, Michihiro; and Mikiya, Toshio, to Nitto Kohki Co., Ltd. Drilling machine. 4,559,577, 12-17-85, Cl. 361-31.000.

Shoji, Saburo: *See—*
Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.

Shoji, Sadahiro: *See—*
Nomura, Yoshika; Sano, Susumu; and Shoji, Sadahiro, 4,559,103, Cl. 162-160.000.

Shoji, Tadao: *See—*
Sugimoto, Hachiro; Hamano, Sachiyuki; Shoji, Tadao; Kaneko, Takeru; and Uzuo, Takeshi, 4,493,837, Cl. 424-253.000.

Shoji, Takashi; and Ochiai, Kenji, to Showa Denko Kabushiki Kaisha. Electrically conductive pastes. 4,552,691, 11-12-85, Cl. 252-514.000.

Shoji, Takashi: *See—*
Oishi, Naoaki; Shimizu, Noriyuki; Shoji, Takashi; and Harada, Shoji, 4,492,730, Cl. 428-328.000.

Shoji, Takeshi: *See—*
Kubota, Michio; and Shoji, Takeshi, 4,526,103, Cl. 101-459.000.
Takahashi, Yoshio; and Shoji, Takeshi, 4,514,544, Cl. 525-327.400.

Shoji, Tetsuo: *See—*
Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, 4,518,464, Cl. 204-1.00T.

Shoji, Toshio: *See—*
Imamura, Eiji; and Shoji, Toshio, 4,527,229, Cl. 363-126.000.

Shoji, Yuji: *See—*
Moroishi, Taishi; Fujikawa, Hisao; Murayama, Junichiro; and Shoji, Yuji, 4,530,720, Cl. 75-128.00A.

Shoji, Yukito: *See—*
Shioi, Keiko; and Shoji, Yukito, 4,545,819, Cl. 106-23.000.

Shokestu Kinzoku Kogyo Kabushiki Kaisha: *See—*
Oneyama, Naotake; and Yoshikawa, Akihisa, 4,516,473, Cl. 91-462.000.

Shoketsu Kinzoku Kogyo Kabushiki Kaisha: *See—*
Takada, Susumu; and Sagara, Hisao, 4,495,794, Cl. 73-37.500.
Yamazaki, Masamichi, 4,533,020, Cl. 184-55.200.

Shoko Kiko Co., Ltd.: *See—*
Takami, Masaho, 4,559,767, Cl. 53-589.000.

Shomura, Eiichi: *See—*
Takenoya, Hideaki; and Shomura, Eiichi, 4,519,328, Cl. 112-158.00E.
Takenoya, Hideaki; and Shomura, Eiichi, 4,527,495, Cl. 112-264.100.

  Takenoya, Hideaki; Kuribayashi, Nobumitu; and Shomura, Eiichi, 4,530,296, Cl. 112-229.000.
Shomura, Takashi: *See—*
  Ito, Tatsuo; Oba, Kazunori; Fukuyasu, Harumi; Niwa, Tomizo; Shomura, Takashi; and Kazuno, Yuzo, 4,536,398, Cl. 514-43.000.
  Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, 4,548,816, Cl. 424-116.000.
Shon, Sam. Hair drying device. 4,542,595, 9-24-85, Cl. 34-95.000.
Shone, Edward B.; Wilson, Robert W.; and Cunningham, Gordon L., to Shell Oil Company. Apparatus for leakage detection of cryogenic materials. 4,501,124, 2-26-85, Cl. 62-129.000.
Shone, Michael F.; and Belt, Roger F., to Litton Systems, Inc. Compressed bismuth-containing garnet films of replicable low anisotropy field value and devices utilizing same. 4,544,239, 10-1-85, Cl. 350-376.000.
Shone, Robert L.: *See—*
  Miyano, Masateru; Villamil, Clara I.; and Shone, Robert L., 4,546,194, Cl. 549-401.000.
Shonetsugaku Kenkyusho Co., Ltd.: *See—*
  Uchida, Shiichiro, 4,532,720, Cl. 34-27.000.
Shonk, Phyllis: *See—*
  O'Boyle, Dolores; and Shonk, Phyllis, 4,519,137, Cl. 33-17.00R.
Shonka, Leonard G., to Systems and Methods, Inc. Pre-press make-ready scale for rotary presses. 4,505,046, 3-19-85, Cl. 33-184.500.
Shonley, Ivan T.; and Rock, Orville J. Lifesaver trolling motor mount. 4,498,872, 2-12-85, Cl. 440-63.000.
Shono, Tatsuya, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Process for preparing aryl acetic acid derivatives. 4,544,766, 10-1-85, Cl. 560-75.000.
Shono, Tatsuya, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Electrolytic process for preparation of α-alkylated acetic acid derivatives. 4,560,447, 12-24-85, Cl. 204-59.00R.
Shono, Tetsuji, to Asahi Kogaku Kogyo Kabushiki Kaisha. Device for adjusting the focusing detecting mechanism of a single-lens reflex camera. 4,536,070, 8-20-85, Cl. 354-402.000.
Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, to Shimadzu Corporation. Bis-crown-ether derivatives and their use. 4,523,994, 6-18-85, Cl. 210-500.200.
Shono, Toshiyuki; Kimura, Keiichi; and Maeda, Takumi, to Shimadzu Corporation. Bis-crown-ether derivatives and their use. 4,554,362, 11-19-85, Cl. 549-352.000.
Shonrock, Clinton O.; and Wambaugh, John O., to Schlumberger Technology Corporation. Apparatus for sealing a well casing. 4,554,973, 11-26-85, Cl. 166-192.000.
Shook, Donald P.: *See—*
  Silverman, Martin L.; and Shook, Donald P., 4,507,993, Cl. 82-36.00A.
Shook, Forrest A., to NLB Corp. Method and apparatus for cleaning welding electrode wheels with high pressure water. 4,536,635, 8-20-85, Cl. 219-83.000.
Shook, Forrest A., to NLB Corp. Method for cleaning weld smut from a surface. 4,537,639, 8-27-85, Cl. 134-10.000.
Shook, James M.: *See—*
  Edwards, Merle L.; Meyer, Wayne A.; and Shook, James M., 4,522,019, Cl. 56-202.000.
Shoop, James D.: *See—*
  Lankard, David R.; and Shoop, James D., 4,559,881, Cl. 109-83.000.
Shoor, Bernard A.; and Fulwyler, Mack J., to Becton, Dickinson and Company. Apparatus and method for sorting particles by gas actuation. 4,526,276, 7-2-85, Cl. 209-552.000.
Shop-Vac Corporation: *See—*
  Berfield, Robert C., 4,501,378, Cl. 220-324.000.
  Berfield, Robert C.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,508,550, Cl. 55-216.000.
  Berfield, Robert C., 4,512,713, Cl. 415-119.000.
  Berfield, Robert C., 4,547,927, Cl. 15-327.00F.
  Miller, Jonathan; Wacek, Rudolph W.; Berfield, Robert C.; Meland, Ronald F.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,538,971, Cl. 417-423.00A.
Shopsmith, Inc.: *See—*
  Bartlett, Robert L.; and McKee, Robert N., 4,510,980, Cl. 144-1.00C.
  Berkeley, James E., 4,538,655, Cl. 144-230.000.
  Folkerth, Harold E., 4,494,591, Cl. 144-286.00A.
  Legler, John G.; Bartlett, Robert L.; Haas, Charles J.; Woods, Garry W.; and Clark, John O., 4,548,246, Cl. 144-1.00C.
Shoptaugh, Philip L. Board game structure. 4,541,635, 9-17-85, Cl. 273-284.000.
Shor, Joel T.: *See—*
  Carey, A. Andrew; and Shor, Joel T., 4,540,503, Cl. 252-78.300.
Shore, Brian: *See—*
  Conrad, Marvin; Guttag, Karl M.; Schabowski, John V.; Roskell, Derek; Carey, Jim A.; and Shore, Brian, 4,544,851, Cl. 307-480.000.
  Roskell, Derek; Schabowski, John V.; Guttag, Karl M.; McDonough, Kevin C.; Shore, Brian; and Preston, Thomas, 4,532,587, Cl. 364-200.000.
Shore, David J., to Westinghouse Electric Corp. Thrust bearing starter apparatus. 4,492,481, 1-8-85, Cl. 384-228.000.
Shore, Jack. Cleaning of surface of an object. 4,547,401, 10-15-85, Cl. 427-161.000.
Shore, Sheldon G.; and Bhattacharyya, Alakananda, to Ohio State University Research Foundation, The. Ruthenium carbonylates and processes for their preparation. 4,496,532, 1-29-85, Cl. 423-417.000.
Shore, Sheldon G.; and Hsu, Wen-Liang, to Ohio State University Research Foundation, The. Synthesis of heteronuclear osmium carbonyl hydrides under gaseous hydrogen. 4,515,728, 5-7-85, Cl. 260-429.0CY.
Shores, David A.: *See—*
  Iacovangelo, Charles D.; and Shores, David A., 4,548,877, Cl. 429-41.000.
Shores, David H.; and Whiting, Mark, to Tektronix, Inc. Magnet assembly for a YIG tuned filter having adjustment means to elastically strain a pole piece. 4,506,240, 3-19-85, Cl. 333-202.000.
Shores, Marvin W., to General Dynamics, Pomona Division. Dielectric heat sensor. 4,540,293, 9-10-85, Cl. 374-130.000.
Shores, Marvin W., to General Dynamics, Pomona Division. Cable shield to connector termination device. 4,558,918, 12-17-85, Cl. 339-143.00R.
Shores, Marvin W., to General Dynamics, Pomona Division. Tracing aid for computer graphics. 4,561,183, 12-31-85, Cl. 33-1.00M.
Shores, William M.: *See—*
  Harshbarger, John H.; and Shores, William M., 4,518,995, Cl. 358-139.000.
  Harshbarger, John H.; and Shores, William M., 4,536,793, Cl. 358-150.000.
Short, Edward H., III, to BS&B Safety Systems, Inc. Reclosing rupture disk assembly. 4,549,565, 10-29-85, Cl. 137-71.000.
Short, Edward H., III, to BS&B Safety Systems, Inc. Rupturable pressure relief assembly. 4,553,559, 11-19-85, Cl. 137-68.100.
Short, Edward P.; and Bernardo, Gerald, to Alcan International Limited. Carrier for material during electrolytic finishing. 4,522,696, 6-11-85, Cl. 204-297.00W.
Short, Henry A., Sr. Hoop adapter assembly for powered lawn mower. 4,505,095, 3-19-85, Cl. 56-202.000.
Short, Henry A., Sr. Lamp assembly. 4,509,105, 4-2-85, Cl. 362-122.000.
Short, John P.; McLachlan, Craig J.; Messmer, Charles; and Reinecke, Paul S., to Harris Corporation. Electrochemical dielectric isolation technique. 4,554,059, 11-19-85, Cl. 204-129.300.
Short, Lewis A.; and Horne, Ottis J., to Atlantic Richfield Company. Silicon carbide whisker sheet composites. 4,532,182, 7-30-85, Cl. 428-367.000.
Short, Lot W., Jr., to NL Industries, Inc. PDC cutter and bit. 4,538,690, 9-3-85, Cl. 175-329.000.
Short, Robert S.; and Utter, Mark S. Sound inhibitor for audio transducers. 4,538,296, 8-27-85, Cl. 381-72.000.
Short, William T.; and Ottaviani, Robert A., to General Motors Corporation. Urea flow control agents for urethane paint prepared by reaction of an isocyanate-terminated prepolymer and an ethanolamine. 4,522,986, 6-11-85, Cl. 525-458.000.
Short, William T.; Ottaviani, Robert A.; and Hart, Donald J., to General Motors Corporation. Sag control of high solid polyurethane clearcoats by urea thixotrope/acrylic microgel systems. 4,540,734, 9-10-85, Cl. 524-507.000.
Short, William T.: *See—*
  Ottaviani, Robert A.; Short, William T.; and Hart, Donald J., 4,528,319, Cl. 524-540.000.
Shorter, Myron L., Jr. Pontoon. 4,559,891, 12-24-85, Cl. 114-263.000.
Shortridge, Timothy D. Ski caddy. 4,553,779, 11-19-85, Cl. 294-147.000.
Shortt, Alexandra B.; and Haag, William G., to Stauffer Chemical Company. Bis-alkylene trithiophosphonate insecticides. 4,548,930, 10-22-85, Cl. 514-103.000.
Shotaro, Yokoyama; and Takashi, Nishibe, to Fuji Electric Co., Ltd. Measuring circuit for photo-receiving intensity of photosensor. 4,556,789, 12-3-85, Cl. 250-206.000.
Shoup, Thomas E.; Maykut, Dennis J.; and Eagar, Thomas W., to TRW Inc. Large diameter stud and method and apparatus for welding same. 4,531,042, 7-23-85, Cl. 219-99.000.
Shoup, Thomas E., to TRW Inc. Stud welding tool. 4,562,328, 12-31-85, Cl. 219-98.000.
Shout, Robert S.: *See—*
  Paparizos, Christos; Shout, Robert S.; and Shaw, Wilfrid G., 4,499,308, Cl. 568-465.000.
  Paparizos, Christos; Shout, Robert S.; and Shaw, Wilfrid G., 4,536,585, Cl. 549-453.000.
  Paparizos, Christos; Shout, Robert S.; and Shaw, Wilfrid G., 4,558,029, Cl. 502-211.000.
Showa Aluminum Corporation: *See—*
  Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, 4,532,771, Cl. 62-6.000.
  Otsuka, Ryotatsu; Tanimoto, Sigemi; and Toyoda, Kazuo, 4,556,419, Cl. 75-68.00R.
Showa Aluminum Kabushiki Kaisha: *See—*
  Ejima, Tatsuhiko; Arai, Kozo; Isoyama, Eizo; and Fujihira, Tadao, 4,547,275, Cl. 204-129.750.
Showa Denko Kabushiki Kaisha: *See—*
  Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, 4,518,665, Cl. 429-153.000.
  Hirota, Kiwami; Tamano, Hideki; and Sakaguchi, Fumio, 4,552,930, Cl. 525-333.800.
  Horie, Shin'ichi; Matsuzaki, Yutaka; and Kagawa, Fumio, 4,555,250, Cl. 51-309.000.
  Iizuka, Eiichi; Sando, Tomoji; and Kashima, Shinji, 4,547,257, Cl. 156-603.000.
  Iizuka, Eiichi; Sando, Tomoji; Kashima, Shinji; and Maki, Masakazu, 4,551,195, Cl. 156-603.000.
  Iizuka, Eiichi, 4,551,316, Cl. 423-290.000.
  Ishikawa, Masayuki; Azuma, Hiroshi; Sugimoto, Akiko; Takahashi, Noriko; and Takashima, Yoshimi, 4,517,189, Cl. 514-259.000.
  Kamei, Ryosuke; Tanaka, Toyoaki; Sano, Takeshi; and Kotani, Masataka, 4,504,432, Cl. 264-177.00F.

Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi, 4,554,202, Cl. 428-225.000.
Kanda, Masahiro; Hatakeyama, Tetsuya; and Morito, Yusuke, 4,508,640, Cl. 252-503.000.
Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.
Kobayashi, Yukio; Kira, Masaaki; and Yamaguchi, Kinya, 4,496,640, Cl. 429-213.000.
Kobayashi, Yukio; Yamaguchi, Kinya; and Kira, Masaaki, 4,560,633, Cl. 429-213.000.
Kurosawa, Shigeru; and Ueshima, Takashi, 4,533,721, Cl. 528-174.000.
Maeda, Masahiko; Watanabe, Naotochi; and Fujitani, Kenji, 4,557,859, Cl. 252-511.000.
Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.
Oishi, Naoaki; Shimizu, Noriyuki; Shoji, Takashi; and Harada, Shoji, 4,492,730, Cl. 428-328.000.
Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,501,606, Cl. 71-92.000.
Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,505,739, Cl. 71-92.000.
Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,537,843, Cl. 429-197.000.
Shishikura, Toshikazu; Konuma, Hiroshi; Nakamura, Hidenori; and Kobayashi, Yukio, 4,544,615, Cl. 429-194.000.
Shoji, Takashi; and Ochiai, Kenji, 4,552,691, Cl. 252-514.000.
Yoshida, Haruo; Tagoshi, Hirotaka; Morohashi, Yasushi; and Tanikoshi, Toshiaki, 4,518,756, Cl. 526-313.000.
Yoshida, Mamoru; Yokoo, Hidejiro; and Shirai, Ei, 4,496,585, Cl. 514-514.000.
Showa Electric Wire & Cable Co.: *See—*
Harada, Kazuhiro; Tsuchiya, Yuzoh; Sekiguchi, Nobuo; and Ishikawa, Toshio, 4,508,251, Cl. 226-25.000.
Showa Highpolymer Co., Ltd.: *See—*
Yoshida, Haruo; Tagoshi, Hirotaka; Morohashi, Yasushi; and Tanikoshi, Toshiaki, 4,518,756, Cl. 526-313.000.
Showa Manufacturing Co., Ltd.: *See—*
Honma, Kenji; Asami, Toshio; Baba, Masayuki; and Nakayama, Sumio, 4,515,384, Cl. 280-276.000.
Ohma, Toshio, 4,493,490, Cl. 280-276.000.
Tanno, Satoru, 4,546,959, Cl. 267-64.150.
Showa Precision Machinery Co., Ltd.: *See—*
Murakami, Muneo; and Ishizaki, Zentaro, 4,495,855, Cl. 92-71.000.
Showa Seiki Kabushiki Kaisha: *See—*
Akashi, Yukimasa, 4,514,115, Cl. 408-139.000.
Takamura, Toshiro; and Kakumu, Muneharu, 4,560,844, Cl. 200-5.00A.
Takamura, Toshiro; and Kakumu, Muneharu, 4,560,845, Cl. 200-5.00A.
Showalter, Howard D. H.; Johnson, Judith L.; Werbel, Leslie M.; and Elslager, Edward F., to Warner-Lambert Company. Antimicrobial substituted anthra[1,9-cd]pyrazol-6(2H)-ones. 4,556,654, 12-3-85, Cl. 514-222.000.
Showalter, Merle R., to Automotive Engine Associates. Heat piped piston. 4,493,292, 1-15-85, Cl. 123-41.200.
Showalter, Merle R., to Automotive Engine Associates. Servo valve for ultra-fast pressure regulation with controlled system damping. 4,506,861, 3-26-85, Cl. 251-139.000.
Showalter, Merle R., to Automotive Engine Associates. Elastomerically supported pivoted pad bearing. 4,506,998, 3-26-85, Cl. 384-312.000.
Showalter, Merle R., to Automotive Engine Associates. Spherical valve lock-valve spring retainer assembly to minimize valve guide side loads. 4,527,774, 7-9-85, Cl. 251-337.000.
Showalter, Merle R., to Automotive Engine Associates. Combustion roughness servo control to control fuel/air metering or EGR metering to an internal combustion engine. 4,557,236, 12-10-85, Cl. 123-435.000.
Showalter, Thomas W.: *See—*
Gardner, John F.; and Showalter, Thomas W., 4,503,675, Cl. 60-527.000.
Gardner, John F.; and Showalter, Thomas W., 4,559,967, Cl. 137-340.000.
Showdown Electronics, Inc.: *See—*
Pearman, Bruce W.; Pelton, Clark; Roper, Todd K.; and Tivis, Layne C., 4,545,583, Cl. 273-311.000.
Showers, Steven J., to Draper Corporation. Carrier tape for shuttleless looms. 4,531,556, 7-30-85, Cl. 139-448.000.
Showers, Towanda S.: *See—*
Eagon, Vicki L.; and Showers, Towanda S., 4,555,022, Cl. 206-440.000.
Showman, Gerald. Fluid pump assembly. 4,553,512, 11-19-85, Cl. 123-196.00S.
Shows, Everett W., to General Motors Corporation. Transporter for linear pocket feeder. 4,502,827, 3-5-85, Cl. 414-217.000.
Shows, Everett W.: *See—*
Hitzelberger, Alan L.; and Shows, Everett W., 4,531,359, Cl. 60-39.270.
Showscan Film Corporation: *See—*
Trumbull, Douglas, 4,560,260, Cl. 352-40.000.
Shozen, Daisaku: *See—*
Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, 4,559,687, Cl. 29-157.00C.
Shpigelman, David. Dispensing device for cylindrical bodies, such as rolls of toilet paper, paper towels and the like. 4,520,968, 6-4-85, Cl. 242-55.300.
Shrawder, Carl F.; and Randall, Peter. Cable locking mechanism. 4,546,627, 10-15-85, Cl. 70-18.000.
Shrestha, Mukunda B.; and Mendenhall, Geoffrey N., to Broadcast Electronics, Inc. Impedance-matching device for power amplifier circuit. 4,558,285, 12-10-85, Cl. 330-53.000.
Shreve, Barbara B.; and Turner, Jan R., to Eli Lilly and Company. Method of producing antibacterial agents and bioconverting microorganism therefor. 4,522,919, 6-11-85, Cl. 435-119.000.
Shreve, James S., to United States of America, Army. Optical digital to analog converter. 4,542,367, 9-17-85, Cl. 340-347.0DA.
Shrivastava, Rituparna, to Mostek Corporation. Method of forming a MOSFET with both improved breakdown resistance and less hot-electron effects. 4,499,652, 2-19-85, Cl. 29-571.000.
Shriver, Ronald D., to Yellowstone Ltd. Control system for an automatic ladling apparatus. 4,558,421, 12-10-85, Cl. 364-477.000.
Shrock, Fred J. Vehicle seat-bed extender. 4,543,675, 10-1-85, Cl. 5-37.00R.
Shroff, Arvind: *See—*
Palluel, Pierre; and Shroff, Arvind, 4,494,035, Cl. 313-346.00R.
Shroff, James R.: *See—*
Loev, Bernard; Shroff, James R.; and Desai, Rohit, 4,500,527, Cl. 514-223.000.
Loev, Bernard; Jones, Howard; and Shroff, James R., 4,500,528, Cl. 514-228.000.
Shroot, Braham; and Maignan, Jean, to L'Oreal; and Groupement d'Interet Economique dit: Centre International de Recherches Dermatologiques C.I.R.D. Anti-acne use of derivatives of (5,4b)-isothiazolo pyridine-3-one. 4,548,942, 10-22-85, Cl. 514-301.000.
Shroot, Braham; Maignan, Jean; and Lang, Gerard, to Groupement d'Interet Economique dit: Centre International de Recherches Dermatologiques C.I.R.D. 1,8-dihydroxy-9-anthrones derivatives substituted in the 10-position by an unsaturated radical used in human medicine. 4,558,069, 12-10-85, Cl. 514-473.000.
Shroot, Braham: *See—*
Grollier, Jean F.; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,504,494, Cl. 514-544.000.
Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,495,203, Cl. 514-732.000.
Grollier, Jean-Francois; Rosenbaum, Georges; Allec, Josiane; and Shroot, Braham, 4,513,011, Cl. 514-730.000.
Maignan, Jean; and Shroot, Braham, 4,512,985, Cl. 514-301.000.
Shropshire, Lucius. Lockable hitch for trailers. 4,542,914, 9-24-85, Cl. 280-507.000.
Shroyer, David, to Lamb-Weston, Inc. Apparatus and method for aligning and packaging elongated articles. 4,514,959, 5-7-85, Cl. 53-428.000.
Shrum, Kenneth L.; and Heth, Edwin M., to Sun Studs, Inc. Veneer lathe. 4,506,714, 3-26-85, Cl. 144-209.00R.
Shrum, Kenneth L.; King, Lawrence G.; and Richert, Anton S., to Sun Studs, Inc. Block stabilizer for veneer lathe and method for operating same. 4,529,021, 7-16-85, Cl. 144-357.000.
Shrum, Kenneth L., to Sun Studs, Inc. Block stabilizer for veneer lathe. 4,557,304, 12-10-85, Cl. 144-213.000.
Shrum, William E.: *See—*
Im, Jang-hi; and Shrum, William E., 4,540,623, Cl. 428-220.000.
Shtandel, Stanislav K.: *See—*
Kulesh, Vladimir P.; Moskalik, Leonid M.; Orlov, Anatoly A.; Bliznjuk, Jury A.; and Shtandel, Stanislav K., 4,558,952, Cl. 356-349.000.
Shtarkman, Emile M., to Imperial Clevite Inc. Dry viscous spring damper. 4,504,044, 3-12-85, Cl. 267-35.000.
Shtarkman, Emile M., to Imperial Clevite Inc. Flexible wall spring damper. 4,509,730, 4-9-85, Cl. 267-35.000.
Shtarkman, Emile M., to Imperial Clevite Inc. Self-stabilizing dry viscous spring damper. 4,555,098, 11-26-85, Cl. 267-140.100.
Shtarkman, Emile M., to Imperial Clevite Inc. Dry viscous spring strut. 4,560,150, 12-24-85, Cl. 267-35.000.
Shtipelman, Boris A., to USM Corporation. Method of manufacturing large gears. 4,543,020, 9-24-85, Cl. 409-12.000.
Shtrikman, Shmuel; and Danziger, Menachem. Compressor unit in split cycle cryogenic coolers. 4,558,570, 12-17-85, Cl. 62-6.000.
Shtrikman, Shmuel: *See—*
Pundak, Nachman; and Shtrikman, Shmuel, 4,514,987, Cl. 62-6.000.
Shtyrin, Anatoly S.: *See—*
Strekalou, Genrikhn; Shtyrin, Anatoly S.; Matveen, Viktor I.; Maryanchik, Mikhail A.; and Garibov, Genrikh S., 4,492,848, Cl. 219-127.000.
Shu, Larry S.: *See—*
Derderian, Gregory; Orlandi, Robert D.; Shu, Larry S.; and Siadat, Bahram, 4,553,852, Cl. 374-1.000.
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  - Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., 4,533,243, Cl. 356-44.000.
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Ermolenko, Igor N.; Koshevar, Vasily D.; Nedzvetsky, Viktor S.; Savastenko, Galina N.; Siderko, Valentina M.; Kaputsky, Fedor N.; Komar, Valentina V.; and Nadievskaya, Juzefa I., 4,546,063, Cl. 430-269.000.

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Sidhu, Pawitter S.; and Delgado, Gary M. Spindle bearing assembly for disk drive unit. 4,539,612, 9-3-85, Cl. 360-99.000.

Sidhu, Pawitter S.; and Delgado, Gary M. Control rod for clutch actuator for floppy disk drive. 4,541,025, 9-10-85, Cl. 360-99.000.

Sidhwa, Feroze J., to Mobil Oil Corporation. Data transmission system for logging tools. 4,506,263, 3-19-85, Cl. 340-856.000.

Sidin, Philippe: *See—*
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Sidinter S.A.: *See—*
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Sidler, Hans: *See—*
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Stalder, Hans; and Sidler, Hans, 4,546,788, Cl. 137-242.000.

Sidler, Karl. Safe keeping box assembly. 4,493,268, 1-15-85, Cl. 109-52.000.

Sidley Diamond Tool Company: *See—*
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Sidline, George B., to Elkus, Eugene S. Magnetic card read-out and timing circuitry. 4,513,199, 4-23-85, Cl. 235-449.000.

Sidman, Michael, to Digital Equipment Corporation. Adaptive misposition correcting method and apparatus for magnetic disk servo system. 4,536,809, 8-20-85, Cl. 360-77.000.

Sidney, James T. Infant trainer seat. 4,503,571, 3-12-85, Cl. 4-254.000.

Sidney, LuAnn; and Ebner, Stephen R., to Minnesota Mining and Manufacturing Company. Electron-beam adhesion-promoting treatment of polyester film base for magnetic recording media. 4,543,268, 9-24-85, Cl. 427-44.000.

Sidney, LuAnn: *See—*
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Sidorenko, Georgy I.; Lopato, Georgy P.; Yakubovich, Vladimir M.; Nikitin, Yaroslav G.; Usachev, Oleg I.; and Vorobiev, Anatoly P., to Belorussky Nauchnoissledovatelsky Institut Kardiologii. Heart monitoring device. 4,499,904, 2-19-85, Cl. 128-703.000.

Sidorov, Anatoly S.: *See—*
Aspiotis, Evgeny K.; Vitjuk, Boris Y.; Malakhov, Evgeny I.; Danshin, Boris V.; Sokolov, Vladimir A.; Sidorov, Anatoly S.; and Volkov, Leonid V., 4,556,847, Cl. 324-307.000.

Sidorov, Evgeny P.: *See—*
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Sidorov, Jury P.: *See—*
Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.

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Sidorov, Viktor V.: *See—*
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Sie, Swan T.: *See—*
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Siebe Gorman & Company Limited: *See—*
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Sieben, Joannes H. F. C., to U.S. Philips Corporation. Magnetic-tape cassette with simplified reel brake. 4,496,119, 1-29-85, Cl. 242-198.000.

Sieben, Joannes H. F. C., to U.S. Philips Corporation. Storage case for a magnetic-tape cassette. 4,512,470, 4-23-85, Cl. 206-387.000.

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Sieben, Joannes H. F. C., to U.S. Philips Corporation. Magnetic-tape guide arrangement for a cassette and a magnetic-tape cassette apparatus. 4,541,024, 9-10-85, Cl. 360-85.000.

Sieben, Joannes H. F. C.: *See—*
Wolf, Joost M.; Post, Hendrik A.; Stigter, Willem H.; van der Brug, Gerard J.; and Sieben, Joannes H. F. C., 4,545,550, Cl. 242-200.000.

Siebenand, John F.: *See—*
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Sieber, Albrecht: *See—*
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Flaig, Ulrich; and Sieber, Albrecht, 4,528,952, Cl. 123-359.000.
Flaig, Ulrich; Grieshaber, Hermann; Sieber, Albrecht; and Wietelmann, Jurgen, 4,559,914, Cl. 123-359.000.

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Sieberkrob, James; and Campbell, Leo, to Morris Coupling Company. Coupling with outrigger parts. 4,502,189, 3-5-85, Cl. 24-279.000.

Siebert, Craig. Half block bearing assembly. 4,560,290, 12-24-85, Cl. 384-434.000.

Siebert, Edward T., to Perkin-Elmer Corporation, The. Analyzer for coherent radiation. 4,536,089, 8-20-85, Cl. 356-352.000.

Siebert, Elisabeth: *See—*
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Siebert, Hans-Joachim: *See—*
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Siebert, Oliver W., to Monsanto Company. Clad metal joint closure. 4,510,171, 4-9-85, Cl. 427-34.000.

Siebert, Robert M.; and Lahann, Richard W., to Conoco Inc. Determination of expandable clay minerals at well sites. 4,495,292, 1-22-85, Cl. 436-25.000.

Siebertz, Dietmar; and Siebertz, Stephan, to Siebertz, Dietmar. Process and apparatus for the covering of playing balls. 4,543,143, 9-24-85, Cl. 156-213.000.

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Siebke, Hans: *See—*
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Siebold, Horst: *See—*
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Siebourg, Wolfgang: *See—*
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- Siedel, Joachim: *See—*
  - Albert, Winfried; Ziegenhorn, Joachim; Siedel, Joachim; Batz, Hans-Georg; Lenz, Helmut; and Pautz, Brigitte, 4,543,325, Cl. 435-7.000.
- Sieder, Wolfgang: *See—*
  - Kizler, Wolfgang; Sieder, Wolfgang; Schopf, Hans-Joachim; Dobler, Helmut; and Gluck, Roland, 4,523,916, Cl. 464-98.000.
- Siedhoff, George H. High efficiency fluid heater. 4,548,163, 10-22-85, Cl. 122-13.00R.
- Siedle, Allen R., to Minnesota Mining and Manufacturing Company. Palladium (II) bis (hexafluoroacetylacetonate), adducts derived therefrom and uses thereof. 4,500,569, 2-19-85, Cl. 427-304.000.
- Siedle, Allen R., to Minnesota Mining and Manufacturing Company. Rhodium-and iridium-nitrogen complex catalysts. 4,549,018, 10-22-85, Cl. 544-225.000.
- Siedle, Allen R.; and Howells, Richard D., to Minnesota Mining and Manufacturing Company. Fluorochemical rhodium compounds. 4,556,720, 12-3-85, Cl. 556-22.000.
- Siedle, Allen R., to Minnesota Mining and Manufacturing Company. Method for preparing palladium(II)(hexafluoroacetylacetonate). 4,560,780, 12-24-85, Cl. 556-40.000.
- Siedle, Allen R.: *See—*
  - Palensky, Frederick J.; and Siedle, Allen R., 4,511,715, Cl. 544-225.000.
- Siedler, Hans J.: *See—*
  - Bertaud, Francois X.; and Siedler, Hans J., 4,494,663, Cl. 215-232.000.
- Siedow, Fred G.: *See—*
  - Wiltermood, Larry C.; Barich, David J.; and Siedow, Fred G., 4,521,968, Cl. 33-178.00E.
- Siefert, Gerhard: *See—*
  - Fischer, Alfred; Freimuth, Claus; Gerlach, Roland; and Siefert, Gerhard, 4,558,985, Cl. 415-74.000.
- Siefert, Roland: *See—*
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- Siefert, William J.: *See—*
  - Roeder, Charles L.; Siefert, William J.; and Theijsmeijer, Frederik, 4,515,832, Cl. 427-233.000.
- Sieg, George F.: *See—*
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- Siegal, Burton L.: *See—*
  - Varon, David; Dorner, Steven C.; and Siegal, Burton L., 4,535,525, Cl. 29-463.000.
- Siegel, Bernard: *See—*
  - Wyatt, Philip W.; Newsome, Allen L., Jr.; Bloom, William G.; Siegel, Bernard; and Lubov, Michael, 4,508,123, Cl. 128-692.000.
- Siegel, Carole E.: *See—*
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  - Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,552,899, Cl. 514-568.000.
  - Sunshine, Abraham; Laska, Eugene M.; and Siegel, Carole E., 4,558,051, Cl. 514-261.000.
- Siegel, Edward A. Windmill power system. 4,491,740, 1-1-85, Cl. 290-55.000.
- Siegel, Florence. Puzzle formed of geometric pieces having an even number of equilateral sides. 4,561,097, 12-24-85, Cl. 273-157.00R.
- Siegel, Hardo: *See—*
  - Degner, Dieter; Hannebaum, Heinz; Siegel, Hardo; and Gramlich, Walter, 4,539,081, Cl. 204-78.000.
  - Fischer, Rolf; Weitz, Hans-Martin; and Siegel, Hardo, 4,513,150, Cl. 568-385.000.
- Siegel, Harvey R.: *See—*
  - Eggeman, Vincent A.; Bubb, Jerome D.; Siegel, Harvey R.; and Wichman, Francis H., 4,527,684, Cl. 192-130.000.
- Siegel, Howard J.: *See—*
  - Adams, George B., III; and Siegel, Howard J., 4,523,273, Cl. 364-200.000.
- Siegel, Robert C., to University of California, The Regents of the. Synthesis of cross-links in the helical domain of collagen using pyridoxal 5-phosphate and copper or iron. 4,544,638, 10-1-85, Cl. 435-273.000.
- Siegel, Stefan A.; Patterson, David R.; Channin, Donald J.; Sergi, Joseph B., Jr.; and Viola, Jeffrey P., to RCA Corporation. Switched bias scheme for high speed laser transmitter. 4,558,465, 12-10-85, Cl. 455-609.000.
- Siegele, Dieter: *See—*
  - Scheicher, Hans; Siegele, Dieter; and Soltesz, Uwe, 4,525,145, Cl. 433-173.000.
- Siegell, Jeffrey H.; and Coulaloglou, Costas A., to Exxon Research & Engineering Co. Fluidity of a continuous transverse flow magnetically stabilized fluidized bed. 4,543,733, 10-1-85, Cl. 34-1.000.
- Siegell, Jeffrey H.: *See—*
  - Cahn, Robert P.; and Siegell, Jeffrey H., 4,546,552, Cl. 34-1.000.
- Siegemund, Gunter; and Schwertfeger, Werner, to Hoechst Aktiengesellschaft. Perfluorinated vinyl ethers containing a secondary hydrogen atom, polymers formed therefrom and a process for the preparation of the monomers. 4,532,366, 7-30-85, Cl. 568-615.000.
- Siegemund, Gunter: *See—*
  - Millauer, Hans; Siegemund, Gunter; and Schwertfeger, Werner, 4,524,031, Cl. 260-456.00F.
  - Muller, Thomas; and Siegemund, Gunter, 4,547,483, Cl. 502-226.000.
- Siegenthaler, Fritz, to Autelca AG. Coin collection box for automatic cashiers and coin changers. 4,553,694, 11-19-85, Cl. 232-7.000.
- Siegert GmbH Company: *See—*
  - Bergmann, Michael J.; Lederer, Armin; and Walliser, Norbert, 4,491,823, Cl. 338-174.000.
- Siegert, Gunter; and Rasch, Ulf, to SUDHAUS Schloss- und Beschlagtechnik GmbH & Co. Full-strap assembly for towing a wheeled suitcase. 4,508,202, 4-2-85, Cl. 190-115.000.
- Siegert, Hermann-Josef: *See—*
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- Siegfried Aktiengesellschaft: *See—*
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  - Meyer, Jacques; and Scharen, Walter, 4,531,965, Cl. 71-92.000.
  - Mixich, Georg; and Thiele, Kurt, 4,550,175, Cl. 548-341.000.
  - Molnar, Istvan; Thiele, Kurt; Geissmann, Felix; and Jahn, Ulrich, 4,526,898, Cl. 514-392.000.
  - Zirngibl, Ludwig; and Thiele, Kurt, 4,554,356, Cl. 548-341.000.
- Siegfried, Peter; and Wenger, Martin, to Kraftwerk Union Aktiengesellschaft. Process for the gasification of raw carboniferous materials. 4,500,323, 2-19-85, Cl. 48-197.00R.
- Siegfried, Peter; Brunner, Gerd; and Stutzer, Dieter, to Siegfried, Peter. Process for separating liquids from fine grained solids. 4,559,133, 12-17-85, Cl. 208-177.000.
- Siegfried, Schleicher: *See—*
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- Sieglen, Rolf: *See—*
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- Sieglen, Rolf A.: *See—*
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- Siegler, Marcel: *See—*
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  - Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, 4,557,855, Cl. 252-355.000.
- Siegling, Hans-Friedrich: *See—*
  - Meistring, Rolf; Siegling, Hans-Friedrich; and Pfahl, Siegfried, 4,516,831, Cl. 350-96.230.
- Siegmann, Robert L. Produce spin dryer. 4,493,156, 1-15-85, Cl. 34-8.000.
- Siegrist, Gary D.; and Blain, Edward S., to Sundstrand Corporation. Torsionally stiff lightweight refrigerator/freezer door. 4,536,990, 8-27-85, Cl. 49-501.000.
- Siegrist, Ronald, to Vickers, Incorporated. Relief valve arrangement. 4,501,291, 2-26-85, Cl. 137-529.000.
- Siegwart, Emil. Shutter for ventilation systems. 4,513,534, 4-30-85, Cl. 49-91.000.
- Sieja, James B., to Du Pont de Nemours, E. I., and Company. Carbonylation of olefinically unsaturated nitriles and acids using a sulfone solvent. 4,508,660, 4-2-85, Cl. 260-465.400.
- Sieke, Helmut. Apparatus for treating dispersions and the like with non-sinusoidal vibration. 4,556,174, 12-3-85, Cl. 241-1.000.
- Siekierski, Walter R.; and Sterling, Michael, to Video Turf Incorporated. Random number generating techniques and gaming equipment employing such techniques. 4,527,798, 7-9-85, Cl. 273-86.00R.
- Sielaff GmbH & Co. Automatenbau Herrieden: *See—*
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- Sielaff, Gunter: *See—*
  - Lundstrom, Kurt I.; Arwin, Hans R.; Rieke, Erwin; Sielaff, Gunter; and Hennrich, Norbert, 4,521,522, Cl. 436-525.000.
- Sielaff, Ulrich, to United Steel Products Company. Junction plate. 4,498,800, 2-12-85, Cl. 403-172.000.
- Sielaff, Ulrich. Voice communicator. 4,505,358, 3-19-85, Cl. 181-18.000.
- Sielaff, Ulrich, to United Steel Products Company. Hanger bracket and method of using same. 4,523,412, 6-18-85, Cl. 52-81.000.
- Sielfeld, Gilbert; and de Jong, Rudolf, to Chemische Werke Huels AG. Suspension polymerization of vinyl chloride wherein suspension agent is added after the monomer charge. 4,525,559, 6-25-85, Cl. 526-200.000.
- Sielfeld, Gilbert, to Chemische Werke Huels AG. Polymerization of vinyl chloride in the presence of a catalyst solubilized prior to exposure to monomer. 4,540,759, 9-10-85, Cl. 526-200.000.
- Sieling, Frederick W.: *See—*
  - Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., 4,513,045, Cl. 428-137.000.
  - Bondoc, Alfredo A.; Flood, Eugene J.; and Sieling, Frederick W., 4,543,158, Cl. 162-145.000.
- Sieloff, Ronald F.; and Kays, William A., to Owens-Corning Fiberglas Corporation. Blowing wool insulation. 4,555,447, 11-26-85, Cl. 428-392.000.
- Siemag Transplan GmbH: *See—*
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- Siemek, Stanislaw. Hamburger holder. 4,511,039, 4-16-85, Cl. 206-525.000.
- Siemens Aktiengesellschaft: *See—*
  - Acke, Edgar, 4,561,716, Cl. 339-177.00R.
  - Ahne, Hellmut; Kruger, Hans; and Rubner, Roland, 4,514,043, Cl. 350-341.000.
  - Aichinger, Horst; Marhoff, Paul; and Pfeiler, Manfred, 4,550,419, Cl. 378-099.000.
  - Aidn, Martin, 4,551,698, Cl. 335-78.000.
  - Albersdoerfer, Otto; Blankenfeld, Heinz; Kranz, Wolfgang; and Weckwerth, Wolfgang, 4,556,284, Cl. 350-174.000.
  - Amtmann, Heribert, 4,514,759, Cl. 358-111.000.
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Christopher, Hans-Gunther, 4,519,861, Cl. 156-172.000.
Ciszewski, Hans-Joachim; Pabst, Josef; and Weisser, Hans-Joerg, 4,545,956, Cl. 422-28.000.
Daar, Horst; and Alig, Franz, 4,521,223, Cl. 55-13.000.
Daar, Horst; and Alig, Franz, 4,521,228, Cl. 55-105.000.
Detterbeck, Max; and Dummler, Emil, 4,558,894, Cl. 289-1.500.
Diederichs, Arthur, 4,538,345, Cl. 29-596.000.
Diepers, Heinrich; and Schewe, Herbert, 4,495,434, Cl. 310-338.000.
Diepold-Scharnitzky, Rudolf; Lesche, Wolfgang; and Rindfleisch, Volker, 4,497,038, Cl. 364-900.000.
Dietze, Wolfgang; and Fenzl, Hans J., 4,532,090, Cl. 264-14.000.
Dondl, Peter, 4,502,051, Cl. 343-356.000.
Dotzer, Richard; and Lechner, Ernst-Friedrich, 4,495,378, Cl. 174-68.500.
Douklias, Nikolaos, 4,501,492, Cl. 356-73.100.
Douklias, Nikolaos; and Grabmaier, Josef, 4,537,611, Cl. 65-18.200.
Ebersberger, Hans, 4,504,965, Cl. 378-132.000.
Eckert, Alfred; Heilmeir, Ernst; and Hempen, Klaus, 4,499,537, Cl. 364-200.000.
Eggers, Harald, 4,510,678, Cl. 29-590.000.
Eichelberger, Leo; and Ciszewski, Hans-Joachim, 4,531,551, Cl. 138-129.000.
Einzinger, Richard, 4,506,285, Cl. 357-80.000.
Eith, Gerhard, 4,537,354, Cl. 239-102.000.
Elmqvist, Hakan; and Strandberg, Hans, 4,541,430, Cl. 128-419.0PG.
Ertl, Wilhelm, 4,498,232, Cl. 29-741.000.
Esterl, Robert; and Weiser, Josef, 4,540,963, Cl. 335-133.000.
Falckenberg, Richard; Foell, Helmut; and Grabmaier, Josef, 4,505,221, Cl. 118-101.000.
Falk, Gertrud, 4,551,609, Cl. 219-121.0PR.
Feigt, Ingmar; and Wersing, Wolfram, 4,541,017, Cl. 358-295.000.
Feigt, Ingmar; Heinrich, Hans; and Kempter, Karl, 4,554,453, Cl. 250-327.200.
Fenk, Josef, 4,504,794, Cl. 330-254.000.
Feuerbaum, Hans-Peter, 4,514,682, Cl. 324-71.300.
Feuerbaum, Hans-Peter; and Schmitt, Reinhold, 4,539,477, Cl. 250-310.000.
Finkenzeller, Johann; and Mittelstaedt, Wolfgang, 4,521,899, Cl. 378-40.000.
Finkenzeller, Johann; and Hubert, Gunter, 4,555,794, Cl. 378-187.000.
Fischer, Franz, 4,527,184, Cl. 357-67.000.
Fischer, Reinhard, 4,533,874, Cl. 329-50.000.
Fladerer, Heinrich, 4,500,992, Cl. 370-100.000.
Fladerer, Heinrich; and Magerl, Johann, 4,542,503, Cl. 370-100.000.
Fleischer, Wolfgang; Eichelberger, Leo; and Endress, Georg, 4,524,808, Cl. 138-103.000.
Foell, Helmut; Grabmaier, Josef; and Schneider, Juergen, 4,557,793, Cl. 156-608.000.
Foissner, Herbert; Krautwald, Herbert; and Minke, Lutz, 4,531,019, Cl. 174-163.00F.
Forster, Alfred, 4,536,673, Cl. 310-327.000.
Forster, Helmut; Siebold, Horst; and Heinzelmann, Karl-Georg, 4,560,933, Cl. 324-319.000.
Franetzki, Manfred; and Prestele, Karl, 4,511,355, Cl. 604-131.000.
Franetzki, Manfred; Gagneur, Klaus; and Prestele, Karl, 4,559,037, Cl. 604-151.000.
Franke, Kurt, 4,504,858, Cl. 358-111.000.
Freise, Werner, 4,550,280, Cl. 318-701.000.
Freller, Helmut; Horauf, Friedrich; Lorenz, Hans-Peter; and Mund, Konrad, 4,508,430, Cl. 350-351.000.
Freller, Helmut; and Mund, Konrad, 4,508,432, Cl. 350-357.000.
Freller, Helmut; Hassler, Heinrich; Schack, Peter; and Schultz, Ludwig, 4,532,174, Cl. 428-215.000.
Frieling, Focko; Michael, Ewald; and Nikutta, Wolfgang, 4,494,015, Cl. 307-268.000.
Fromm, Ingrid, 4,502,045, Cl. 340-671.000.
Fruhauf, Waldemar, 4,528,667, Cl. 371-55.000.
Fuchs, Peter; Mueller-Glaser, Klaus; Schuett, Dieter; and Wach, Wolfgang, 4,534,008, Cl. 364-716.000.
Futterer, Augustin, 4,560,951, Cl. 331-107.00A.
Geckeler, Siegfried; and Schicketanz, Dieter, 4,548,494, Cl. 356-73.100.
Geffcken, Walter; and Littwin, Burkhard, 4,527,100, Cl. 315-366.000.
Geiger, Gerhard; and Strafner, Michael, 4,493,052, Cl. 364-900.000.
Gfrerer, Manfred, 4,557,805, Cl. 202-270.000.
Glashauser, Walter, 4,528,071, Cl. 204-11.000.
Gobel, Herbert; and Kopl, Rupert, 4,562,585, Cl. 378-83.000.
Goepel, Ernst, 4,554,450, Cl. 250-231.0SE.
Goerne, Jan; and Toussaint, Hans-Norbert, 4,553,249, Cl. 375-25.000.
Grabmaier, Josef; Falckenberg, Richard; and Foll, Helmut, 4,533,428, Cl. 156-608.000.
Grabmaier, Josef; and Falckenberg, Richard, 4,554,203, Cl. 428-229.000.
Grallert, Hans-Joachim, 4,536,880, Cl. 375-30.000.
Grallert, Hans-Joachim, 4,540,973, Cl. 340-347.0DD.
Grallert, Hans-Joachim, 4,541,102, Cl. 375-30.000.
Grasser, Leo, 4,518,630, Cl. 427-93.000.
Grassme, Ulrich, 4,501,010, Cl. 378-38.000.
Grosse, Burkhard, 4,543,604, Cl. 358-111.000.
Grosse, Joachim; Hassler, Heinrich; and Tiefel, Gunter, 4,519,234, Cl. 72-258.000.
Grunberg, Kurt; Poth, Rainer; Werner, Peter; Koch, Kurt; Schweppe, Friedrich; and Voigtlander, Kurt, 4,523,253, Cl. 361-335.000.
Haendle, Joerg; and Maass, Wolfgang, 4,503,459, Cl. 358-111.000.
Haessler, Heinrich; and Kuhl, Wilfried, 4,542,266, Cl. 200-144.00B.
Hahn, Alfred; Rauch, Werner; and Barthelmes, Norbert, 4,542,521, Cl. 378-155.000.
Hahn, Helmuth; Cordt, Werner; and Borm, Winfried, 4,539,683, Cl. 371-15.000.
Hanni, Manfred; and Brusch, Josef, 4,514,852, Cl. 375-1.000.
Hanni, Manfred; and Brusch, Josef, 4,550,222, Cl. 179-1.50R.
Harle, Hans G., 4,556,868, Cl. 340-347.0DD.
Hassler, Dieter, 4,493,216, Cl. 73-861.250.
Hassler, Dieter; Kresse, Heinz; Reichenberger, Helmut; and Naser, Georg, 4,526,168, Cl. 128-303.00R.
Hassler, Dieter; and Mittelstaedt, Wolfgang, 4,541,436, Cl. 128-660.000.
Hassler, Heinrich; Muller, Reiner; Kippenberg, Horst; and Prolss, Norbert, 4,537,745, Cl. 420-590.000.
Hauptmann, Rudolf, 4,528,565, Cl. 343-17.10R.
Haussman, Wolfgang, 4,544,947, Cl. 358-65.000.
Haussmann, Wolfgang; and Luder, Rainer, 4,527,145, Cl. 358-19.000.
Heerlein, Manfred, 4,515,511, Cl. 416-131.000.
Heft, Josef, 4,528,749, Cl. 29-858.000.
Heidegger, Peter; and Kiefer, Jakob, 4,523,219, Cl. 357-79.000.
Heider, Ulrich; and Kern, Hans, 4,547,087, Cl. 400-144.200.
Heimlicher, Peter, 4,509,023, Cl. 331-176.000.
Heinzl, Joachim, 4,544,933, Cl. 346-140.00R.
Herberg, Helmut, 4,495,026, Cl. 156-652.000.
Herberg, Helmut, 4,500,902, Cl. 357-38.000.
Herberg, Helmut, 4,502,071, Cl. 357-38.000.
Herberg, Helmut, 4,502,072, Cl. 357-38.000.
Herbst, Heiner; and Koch, Rudolf, 4,547,806, Cl. 358-212.000.
Herget, Werner, 4,533,958, Cl. 358-280.000.
Hetz, Walter, 4,530,362, Cl. 128-660.000.
Hetz, Walter, 4,535,781, Cl. 128-660.000.

Hetz, Walter; and Weber, Peter, 4,545,386, Cl. 128-660.000.
Hetz, Walter, 4,561,446, Cl. 128-660.000.
Heynisch, Hinrich, 4,529,945, Cl. 330-149.000.
Heynisch, Hinrich; and Schmid, Eckart, 4,539,512, Cl. 315-5.350.
Hieber, Konrad; and Wieczorek, Claudia, 4,501,769, Cl. 427-95.000.
Hieber, Konrad; and Mayer, Norbert, 4,543,576, Cl. 340-870.170.
Hieber, Konrad; and Mayer, Norbert, 4,562,089, Cl. 427-10.000.
Hildebrand, Reinhard; and Waldmann, Bernd, 4,505,324, Cl. 165-42.000.
Hirschberg, Jakub, 4,560,157, Cl. 271-126.000.
Hoffmann, Kurt, 4,498,154, Cl. 365-149.000.
Hoffmann, Kurt, 4,549,096, Cl. 307-297.000.
Hohne, Karl; and Starbeck, Gerd, 4,520,081, Cl. 429-19.000.
Holzermer, Gunter, 4,514,859, Cl. 378-152.000.
Holzner, Peter; and Sedlmeier, Werner, 4,503,496, Cl. 364-200.000.
Holzner, Peter; and Sedlmeier, Werner, 4,558,410, Cl. 364-200.000.
Hopp, Werner; and Marlorny, Bertold, 4,542,572, Cl. 29-281.500.
Horbaschek, Heinz, 4,517,594, Cl. 358-111.000.
Huber, Jakob; Pettenpaul, Ewald; and Petz, Felix, 4,528,518, Cl. 330-277.000.
Huber, Peter; Stengl, Jens P.; and Tihanyi, Jeno, 4,497,109, Cl. 29-578.000.
Humbs, Rolf, 4,502,805, Cl. 400-647.100.
Hutter, Helmut; and Maier, Heinz, 4,558,379, Cl. 360-32.000.
Immler, Josef; and van der Sel, Cornelis, 4,538,072, Cl. 250-568.000.
Jacobs, Erwin, 4,511,996, Cl. 365-186.000.
Jacobs, Erwin P.; and Schwabe, Ulrich, 4,52[illegible],920, Cl. 29-571.000.
Jahrig, Siegfried; and Opitz, Wolfgang, 4,540,862, Cl. 200-144.00B.
Jung, Albert, 4,507,710, Cl. 361-428.000.
Kardinal, Hans-Joachim, 4,516,888, Cl. 406-182.000.
Kardinal, Hans-Joachim; Lehmann, Herbert; and Dziggel, Klaus-Peter, 4,552,072, Cl. 104-88.000.
Kattner, Erich; and Herzog, Kurt, 4,504,845, Cl. 346-140.00R.
Katzschner, Wolfgang, 4,503,437, Cl. 346-1.100.
Kausche, Helmold; Moeller, Matthias; and Fischer, Franz, 4,492,813, Cl. 136-256.000.
Kehl, Rainer, 4,507,645, Cl. 340-310.00A.
Kehrer, Hans-Peter; Villain, Juergen; and Reiff, Werner, 4,537,793, Cl. 427-35.000.
Keller, Wolfgang, 4,506,132, Cl. 219-10.790.
Keller, Wolfgang, 4,538,279, Cl. 373-139.000.
Kempter, Karl, 4,535,468, Cl. 378-31.000.
Kern, Hans, 4,538,096, Cl. 318-314.000.
Kerscher, Max; and Kroning, Armin, 4,562,383, Cl. 315-225.000.
Kersten, Ralf T.; Tietgen, Karl H.; and Schlaak, Helmut F., 4,492,425, Cl. 350-96.140.
Kessler, Claus, 4,516,188, Cl. 361-408.000.
Kimpel, Rolf-Dieter; Tamm, Horst; Hubner, Wolfgang; and Steiger, Erwin, 4,491,813, Cl. 335-187.000.
Kimpel, Rolf-Dieter; Rauterberg, Ulf; and Tamm, Horst, 4,509,025, Cl. 335-85.000.
Kimpel, Rolf-Dieter; Stadler, Heinz; and Heinzl, Alfred, 4,539,540, Cl. 335-125.000.
Kippenberg, Horst; Haessler, Heinrich; and Huehnlein, Manfred, 4,503,010, Cl. 419-27.000.
Kirner, Wilhelm, 4,500,894, Cl. 346-140.00R.
Klamt, Manfred, 4,562,527, Cl. 363-89.000.
Kleeberg, Wolfgang; Hauschildt, Klaus-Robert; Hacker, Heinz; and Kretzschmar, Klaus, 4,528,358, Cl. 528-94.000.
Knott, Joseph, 4,500,194, Cl. 355-3.0DD.
Knott, Joseph; and Kopp, Walter, 4,511,639, Cl. 430-108.000.
Knott, Joseph, 4,561,759, Cl. 355-3.0DD.
Kohlmuller, Hans; and Nippe, Waldemar, 4,559,165, Cl. 252-512.000.
Kolzer, Walter; and Reischer, Wilhelm, 4,540,926, Cl. 318-609.000.
Kopetzky, Horst, 4,492,821, Cl. 179-18.0FA.
Kopetzky, Horst; Nagler, Werner; and Ossler, Walter, 4,562,308, Cl. 179-18.0FA.
Koroncai, Adam I.; and Poetsch, Edmund R., 4,506,320, Cl. 363-141.000.
Koslar, Manfred, 4,527,118, Cl. 324-133.000.
Koszytorz, Gunther; Lucke, Herbert; Schlosser, Gerhard; and Vath, Joachim, 4,493,990, Cl. 250-201.000.
Kranzer, D[illegible]mar, 4,495,010, Cl. 148-175.000.
Kratzer, Wolfgang; and Thilo, Peer, 4,503,395, Cl. 324-253.000.
Kraus, Friedrich, 4,529,686, Cl. 430-314.000.
Krause, Norbert, 4,506,224, Cl. 324-319.000.
Krauss, Peter; Reinhardt, Jurgen; and Seissl, Johann, 4,509,074, Cl. 358-111.000.
Krec, Zdenek, 4,559,504, Cl. 337-194.000.
Kros, Rudolf; and Vetter, Harald, 4,495,542, Cl. 361-301.000.
Kruger, Hans; and Leenhouts, Frans, 4,529,272, Cl. 350-339.00R.
Krummel, Peter, 4,547,706, Cl. 315-226.000.
Kuelzer, Peter, 4,491,430, Cl. 400-208.000.
Kuhnke, Hermann; and Rattner, Manfred, 4,546,489, Cl. 378-103.000.
Kuhnlein, Hans; and Stark, Reinhard, 4,531,843, Cl. 374-40.000.
Kuntze, Rudolf, 4,554,637, Cl. 364-518.000.
Kunze, Dieter, 4,500,166, Cl. 350-96.200.
Kusmierz, Hans, 4,519,723, Cl. 403-33.000.
Lagger, Helmut; Schmid, Elisabeth; and Haider, Erich, 4,532,638, Cl. 375-17.000.
Lamatsch, Hans; and Rosen, Hans-Georg, 4,529,862, Cl. 219-121.0LD.
Lange, Gerhard; and Boy, Jurgen, 4,493,004, Cl. 361-120.000.
Lange, Gerhard, 4,493,005, Cl. 361-124.000.
Lange, Gerhard; Boy, Jurgen; Hoene, Ernst-Ludwig; and Sippekamp, Oskar, 4,493,006, Cl. 361-124.000.
Leenhouts, Frans; and Kruger, Hans, 4,521,079, Cl. 350-339.00R.
Leibenzeder, Siegfried; and Weyrich, Claus, 4,540,451, Cl. 148-173.000.
Leipold, Ludwig; Stengl, Jens P.; and Tihanyi, Jeno, 4,502,070, Cl. 357-38.000.
Leitgeb, Wilhelm, 4,494,049, Cl. 318-138.000.
Leitgeb, Wilhelm; and Schonwald, Siegfried, 4,516,912, Cl. 417-45.000.
Lenz, Michael, 4,496,911, Cl. 330-297.000.
Lenz, Michael, 4,539,529, Cl. 330-295.000.
Lerch, Reinhard; and Grabner, Gunther, 4,528,853, Cl. 73-624.000.
Lerch, Reinhard, 4,543,828, Cl. 73-626.000.
Lerch, Reinhard, 4,543,829, Cl. 73-626.000.
Lesche, Wolfgang; and Rindfleisch, Volker, 4,514,798, Cl. 364-188.000.
Lichti, Reiner, 4,535,346, Cl. 346-140.00R.
Lischke, Burkhard; Frosien, Juergen; Anger, Klaus; and Plies, Erich, 4,514,638, Cl. 250-492.200.
Lischke, Burkhard; and Plies, Erich, 4,551,625, Cl. 250-310.000.
Loeffler, Wilfried; Oppelt, Arnulf; and Siebold, Horst, 4,520,315, Cl. 324-309.000.
Loeffler, Wilfried; and Oppelt, Arnulf, 4,528,510, Cl. 324-309.000.
Lorenz, Dieter; and Olsen, Willi, 4,493,009, Cl. 361-341.000.
Lorenz, Dieter, 4,539,449, Cl. 200-146.00R.
Lorenz, Dieter; and Rehaag, Benno, 4,539,450, Cl. 200-148.00F.
Lorenz, Dieter; and Olsen, Willi, 4,559,424, Cl. 200-146.00R.
Lubke, Wilfried, 4,522,560, Cl. 415-210.000.
Lubke, Wilfried, 4,545,730, Cl. 417-68.000.
Luder, Rainer; and Haussmann, Wolfgang, 4,523,223, Cl. 358-27.000.
Lutz, Roman, 4,501,930, Cl. 178-4.000.
Maerkl, Michael; and Matzner, Joseph, 4,531,163, Cl. 360-49.000.
Magdefessel, Heinz, 4,534,708, Cl. 417-51.000.
Mahlein, Hans, 4,553,822, Cl. 350-377.000.
Mahrla, Peter, 4,511,912, Cl. 357-36.000
Manzer, Hans, 4,503,625, Cl. 34-78.000.
Martin, Erwin, 4,494,032, Cl. 310-324.000.
Mathyssek, Konrad; and Mahlein, Hans, 4,556,292, Cl. 350-394.000.
Merchant, Kamal; and Schmitt, Claude, 4,551,709, Cl. 340-347.0DA.
Metzner, Uwe, 4,549,133, Cl. 324-60.00R.
Meyer, Fritz, 4,507,621, Cl. 331-78.000.
Michel, Herbert; Rauscher, Walter; and Reichelt, Achim, 4,541,159, Cl. 29-418.000.
Moeller, Matthias; and Kausche, Helmold, 4,511,756, Cl. 136-258.000.
Moeller, Matthias; and Kausche, Helmold, 4,543,443, Cl. 136-256.000.
Moser, Otto W.; and Thilo, Peer, 4,517,554, Cl. 340-514.000.
Mueller, Erwin, 4,492,942, Cl. 335-202.000.
Muller, Erwin, 4,509,028, Cl. 335-202.000.
Muller, Erwin, 4,547,759, Cl. 336-192.000.
Mund, Konrad; Luft, Gunter; and Gebhardt, Ulrich, 4,505,784, Cl. 204-1.00T.
Nilsson, Kenth, 4,536,097, Cl. 400-126.000.
Nilsson, Kenth, 4,539,575, Cl. 346-140.00R.
Nusser, Alban, 4,527,884, Cl. 355-3.0DD.
Oberschmid, Raimund; and Feigt, Ingmar, 4,508,966, Cl. 250-327.200.
Oberstein, Karla; and Thilo, Peer, 4,514,720, Cl. 340-511.000.
Oberstein, Karla; and Thilo, Peer, 4,543,565, Cl. 340-506.000.
Oestreich, Ulrich; and Schubert, Werner, 4,496,214, Cl. 350-96.230.
Olsen, Willi; Padderatz, Heinz; Palm, Joachim; and Pircher, Christian, 4,514,783, Cl. 361-336.000.
Olsson, Sven-Gunnar; Jonson, Bjorn; and Neuman, Hanna, 4,526,188, Cl. 137-3.000.
Pachonik, Horst, 4,502,095, Cl. 361-273.000.
Peche, Gerhard; and Bialkowski, Gunter, 4,497,990, Cl. 200-144.00B.
Pfister, Hans; and Rupp, Gunter, 4,528,096, Cl. 210-222.000.
Pfleiderer, Hans-Joerg; and Herbst, Heiner, 4,496,980, Cl. 358-212.000.
Pfleiderer, Hans-Joerg; and Grassl, Gerhard, 4,517,672, Cl. 371-27.000.
Pfleiderer, Hans-Joerg; and Knauer, Karl, 4,539,537, Cl. 333-165.000.
Pierrel, Hans-Joachim, 4,560,841, Cl. 179-81.00R.
Pirschel, Joerg, 4,545,385, Cl. 128-660.000.
Plies, Erich, 4,507,559, Cl. 250-396.00R.
Plies, Erich; Weyl, Reinhard; and Lischke, Burkhard, 4,540,885, Cl. 250-310.000.
Pohlig, Dietmar; and Goepel, Ernst, 4,511,797, Cl. 250-231.0SE.
Pollerspock, Kurt, 4,543,455, Cl. 200-50.00B.
Pollok, Hans-Jurgen, 4,494,882, Cl. 384-307.000.
Pospischil, Reginhard, 4,562,422, Cl. 340-347.0DD.
Postl, Wolfgang, 4,495,491, Cl. 340-709.000.
Poth, Rainer, 4,507,641, Cl. 337-6.000.
Prestele, Karl, 4,559,831, Cl. 73-861.050.
Preuss, Bernhard; and Manthe, Karl-Heinz, 4,562,419, Cl. 335-195.000.
Quella, Ferdinand; and Steinwender, Bernd, 4,555,284, Cl. 156-79.000.
Raisig, Hermann; Unger, Gregor; and Wirbser, Oscar, 4,547,652, Cl. 219-121.0LD.

Ramlohr, Franz; and Spitaler, Wolfgang, 4,493,015, Cl. 363-63.000.
Ramlohr, Franz; Pohl, Werner; and Kolzer, Walter, 4,494,181, Cl. 363-63.000.
Rathgeber, Max, 4,492,953, Cl. 340-347.0AD.
Rehm, Hans; and Breitenfeld, Horst, 4,533,878, Cl. 330-261.000.
Reiner, Robert, 4,532,438, Cl. 307-362.000.
Rekewitz, Rudolf; and Wambach, Hermann, 4,537,521, Cl. 400-637.600.
Reng, Leonhard, 4,511,978, Cl. 364-480.000.
Riedl, Hermann, 4,510,448, Cl. 324-309.000.
Ries, Gunter, 4,559,576, Cl. 361-19.000.
Riha, Gerd, 4,520,330, Cl. 333-195.000.
Riha, Gerd; and Veith, Richard, 4,521,751, Cl. 333-151.000.
Rogier, Wolfgang; Markert, Helmut; Kretzschmar, Klaus; and Piecha, Gerhard, 4,562,227, Cl. 524-786.000.
Rottger, Klaus, 4,527,284, Cl. 455-33.000.
Ruhle, Wolfgang, 4,503,709, Cl. 73-727.000.
Rupp, Guenter, 4,544,482, Cl. 210-222.000.
Sachs, Bertram, 4,521,667, Cl. 219-121.0LJ.
Sarnezki, Herbert; and Hubner, Klemens, 4,552,418, Cl. 312-242.000.
Sauer, Anton; and Thinschmidt, Hans, 4,516,204, Cl. 364-200.000.
Schaller, Werner, 4,538,210, Cl. 361-401.000.
Schaller, Werner, 4,544,221, Cl. 339-60.00M.
Scheckel, Bruno; and Wittenzellner, Ernst, 4,516,113, Cl. 340-384.00E.
Schedele, Helmut, 4,523,165, Cl. 335-106.000.
Schedele, Helmut, 4,527,138, Cl. 335-81.000.
Scherl, Wolfgang; Abele, Ludwig; Wahl, Friedrich M.; and Fuchsberger, Hermann, 4,504,972, Cl. 382-51.000.
Scherl, Wolfgang, 4,513,442, Cl. 382-49.000.
Scherowsky, Gunther; Moller, Alexander; Heppke, Gerd; and Knippenberg, Burkhard, 4,491,532, Cl. 252-299.100.
Schierjott, Rudolf, 4,514,679, Cl. 323-222.000.
Schiffner, Gerhard, 4,556,321, Cl. 356-350.000.
Schlenk, Manfred, 4,533,865, Cl. 324-51.000.
Schmalzl, Dieter, 4,554,400, Cl. 174-35.0GC.
Schmid, Eberhard; and Brehler, Robert, 4,531,086, Cl. 323-222.000.
Schmid, Rudolf, 4,553,240, Cl. 372-61.000.
Schmidt, Dieter, 4,530,007, Cl. 358-111.000.
Schneider, Alfred, 4,499,461, Cl. 340-825.030.
Schneider, Hartmut, 4,547,210, Cl. 65-2.000.
Schneider, Hartmut; and Lebetzki, Egon, 4,557,561, Cl. 350-96.340.
Schneider, Wilfried, 4,534,931, Cl. 376-272.000.
Schoen, Siegfried, 4,543,451, Cl. 179-2.0EA.
Schonwald, Siegfried, 4,492,530, Cl. 417-271.000.
Schreiner, Horst; and Rothkegel, Bernhard, 4,543,223, Cl. 264-120.000.
Schreiner, Horst, 4,551,301, Cl. 419-21.000.
Schuh, Gottfried, 4,502,069, Cl. 357-23.400.
Schulz, Hans-Werner, 4,550,545, Cl. 52-799.000.
Schulz, Winfried, 4,539,448, Cl. 200-144.0AP.
Schuss, Werner, 4,498,868, Cl. 433-29.000.
Schuss, Werner; and Weber, Walter, 4,531,912, Cl. 433-80.000.
Schwabe, Ulrich; Neppl, Franz; Burker, Ulf; and Christoph, Werner, 4,505,027, Cl. 29-577.00C.
Schwabe, Ulrich; Neppl, Franz; and Hieber, Konrad, 4,510,670, Cl. 29-571.000.
Schwabe, Ulrich; Jacobs, Erwin P.; and Neppl, Franz, 4,525,378, Cl. 427-38.000.
Schwaertzel, Heinz; and Unterberger, Hans, 4,535,441, Cl. 370-4.000.
Schweiger, Josef; and Hering, Bernhard, 4,510,473, Cl. 335-86.000.
Schweiger, Josef; and Hering, Bernhard, 4,539,539, Cl. 335-78.000.
Sklebitz, Hartmut, 4,503,460, Cl. 358-111.000.
Slettenmark, Bruno, 4,553,147, Cl. 346-75.000.
Sohrt, Christian, 4,510,395, Cl. 290-3.000.
Stahl, Jochen, 4,501,990, Cl. 313-299.000.
Stebegg, Josef; and Becke, Gerhart, 4,501,463, Cl. 339-99.00R.
Stebegg, Josef; and Miek, Wolfgang, 4,552,967, Cl. 174-52.00R.
Steeger, Gerhard, 4,508,940, Cl. 179-107.0FD.
Steiger, Erwin; and Hering, Bernhard, 4,520,254, Cl. 219-121.00L.
Steinemer, Norbert, 4,550,234, Cl. 200-144.00B.
Steinmann, Peter; and Sutor, Norbert, 4,514,035, Cl. 350-96.230.
Steinmann, Peter; Engel, Reinhard; Parstorfer, Richard; Brugger, Rudolf; and Jonke, Gerhard, 4,548,669, Cl. 156-358.000.
Stockl, Klaus; and Engert, Reinhard, 4,505,514, Cl. 297-322.000.
Stockl, Klaus, 4,533,106, Cl. 248-421.000.
Stoeberl, Walter, 4,549,826, Cl. 400-708.000.
Stoerk, Peter; and Thom, Gunter, 4,548,467, Cl. 350-96.210.
Stoerk, Peter; and Thom, Gunter, 4,557,555, Cl. 350-96.200.
Stoisiek, Michael, 4,509,068, Cl. 357-38.000.
Stoisiek, Michael, 4,509,069, Cl. 357-38.000.
Strack, Helmut; and Tihanyi, Jeno, 4,543,596, Cl. 357-23.400.
Strandberg, Hans G.; and Andersen, Hans, 4,535,776, Cl. 128-419.0PG.
Thinschmidt, Hans; and Mittelmann, Rudolf, 4,561,118, Cl. 455-608.000.
Tihanyi, Jeno; and Stengl, Jens P., 4,561,003, Cl. 357-23.400.
Tilly, Bodo, 4,553,268, Cl. 455-607.000.
Torggler, Norbert; and Franz, Dietmar, 4,497,976, Cl. 178-3.000.
Troebel, Werner, 4,491,897, Cl. 361-353.000.
Trommer, Reiner, 4,505,765, Cl. 148-171.000.
Troukens, Theo; and Mattelin, Antoon, 4,539,481, Cl. 250-557.000.
Ullenboom, Hermann, 4,553,863, Cl. 400-121.000.
Vandamme, Detlef, 4,508,986, Cl. 310-67.00R.
Vanhumbeeck, Jacky; Danneels, Laurent; De Steur, Hubert; and Heyneman, Guido, 4,545,957, Cl. 422-81.000.
Vertenten, Edward; and Heft, Josef, 4,537,455, Cl. 339-99.00R.
Vetter, Harald, 4,504,884, Cl. 361-323.000.
Vite, Lutz; and Mews, Hannelore, 4,505,883, Cl. 423-335.000.
Vogelsberg, Dieter, 4,493,182, Cl. 57-293.000.
Vogelsberg, Dieter, 4,528,810, Cl. 57-294.000.
Von Gentzkow, Wolfgang; Schmiedel, Manfred; and Tussing, Reinhold, 4,550,204, Cl. 564-134.000.
von Pieverling, Klaus, 4,536,763, Cl. 343-9.00R.
Von Sichart, Frithjof; and Wiedeburg, Klaus, 4,547,765, Cl. 340-347.0DD.
von Tomkewitsch, Sybille; and Schmidt, Hans-Friedrich, 4,548,740, Cl. 252-511.000.
von Winnicki, Kalixt, 4,555,660, Cl. 323-224.000.
Wagner, Wolfgang, 4,498,176, Cl. 371-47.000.
Walling, Christian; and Schott, Helmut, 4,539,696, Cl. 378-181.000.
Weiser, Josef; Heinzl, Alfred; and Stadler, Heinz, 4,517,537, Cl. 335-187.000.
Weller, Gerhard; Rosenfeldt, Bernd; and Reis, Edmund, 4,491,981, Cl. 455-602.000.
Werner, Peter, 4,518,838, Cl. 200-303.000.
Wessely, Herrmann, 4,517,624, Cl. 361-387.000.
Wessely, Herrmann, 4,520,426, Cl. 361-386.000.
Wessely, Herrmann, 4,521,829, Cl. 361-387.000.
Westerberg, Hans; and Leandersson, Enar, 4,506,872, Cl. 269-322.000.
Weyrich, Claus; Ziegler, Guenther; Hoffmann, Ludwig; and Theis, Dietmar, 4,531,142, Cl. 357-17.000.
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Winzer, Gerhard; and Tomkewitsch, Romuald V., 4,498,731, Cl. 350-96.160.
Winzer, Gerhard, 4,540,237, Cl. 350-96.150.
Wirth, Wulf D., 4,538,152, Cl. 343-5.0VQ.
Witte, Hans-Hermann; and Moustakas, Steven, 4,491,942, Cl. 370-4.000.
Witte, Hans-Hermann; and Rohler, Manfred, 4,543,666, Cl. 455-612.000.
Wohlfart, Artur, 4,534,611, Cl. 339-217.00S.
Wohlgemuth, Juergen; and Hohmann, Eugen, 4,499,906, Cl. 128-776.000.
Wolf, Gerhard, 4,525,849, Cl. 375-118.000.
Wolfram, Roland, 4,542,581, Cl. 29-600.000.
Wolfram, Roland, 4,560,904, Cl. 315-3.500.
Wurz, Erwin, 4,532,538, Cl. 357-70.000.
Zehner, Bernd, 4,538,243, Cl. 365-49.000.
Zeitraeg, Rolf, 4,500,869, Cl. 340-347.0DD.
Ziegler, Alfred; and Musil, Gerhard, 4,507,568, Cl. 307-112.000.
Ziegler, Alfred, 4,562,401, Cl. 324-52.000.
Ziegler, Horst, 4,520,675, Cl. 73-718.000.
Ziegler, Horst, 4,539,850, Cl. 73-706.000.
Zirkl, Siegmar, 4,523,103, Cl. 307-141.000.
Zuckler, Karl, 4,504,711, Cl. 200-144.00B.
Zuckler, Karl, 4,508,945, Cl. 200-144.00B.
Zurinski, Viktor; Lucic, Ivan; and Barthelmes, Karlheinz, 4,542,747, Cl. 128-660.000.

Siemens Aktiengesellschaft Berlin & Munchen: *See—*
- Bajka, Imre; and Furrer, Robert, 4,501,770, Cl. 427-97.000.

Siemens-Albis AG: *See—*
- Fosco, Guido; and Schmutz, Karl, 4,507,623, Cl. 331-154.000.
- Hofstetter, Matthias, 4,495,574, Cl. 364-200.000.
- Nyffeler, Felix, 4,516,093, Cl. 333-193.000.

Siemens-Allis, Inc.: *See—*
- Barner, Gregory P.; and Hancock, Drew S., 4,517,623, Cl. 361-358.000.
- Culligan, John C.; Stich, Frederick A.; and Williams, Conrad F., 4,516,185, Cl. 361-154.000.
- Farag, Samir F.; Allen, Edgar W.; and Little, Thomas R., 4,513,180, Cl. 200-50.00R.
- Gallatin, Paul M.; Dyken, Henry J.; and Cvengros, Norbert F., 4,516,005, Cl. 200-147.00R.
- Ingram, Wayne A.; Johnson, Stephen L.; and Coleman, Thomas E., 4,536,823, Cl. 361-355.000.
- Luke, Roger D.; Ingram, Wayne A.; and Jarrell, Michael S., 4,492,396, Cl. 292-228.000.
- McClellan, David P.; and Kussy, Frank W., 4,513,267, Cl. 335-16.000.
- Stich, Frederick A., 4,539,618, Cl. 361-94.000.
- Wagner, Paul D.; and Cooney, Edward F., 4,538,819, Cl. 277-4.000.

Siemens Corporate Research & Support, Inc.: *See—*
- Binks, Ronald; Rehak, Anthony S.; and Sinberg, Howard, 4,533,792, Cl. 179-84.00C.
- Rhodes, Robert B.; and Paolantonio, James R., 4,535,453, Cl. 370-110.100.
- Ruell, Hartwig, 4,532,508, Cl. 340-825.340.
- Southard, Gary, 4,518,858, Cl. 250-227.000.
- Stockdale, Robert, 4,511,762, Cl. 179-9.000.
- Trischler, Erwin, 4,534,028, Cl. 371-25.000.
- Tsikos, Constantine, 4,547,668, Cl. 250-231.00P.
- Tsikos, Constantine J., 4,507,557, Cl. 250-341.000.
- Tsikos, Constantine J., 4,547,898, Cl. 382-4.000.
- Vander Meiden, Orrie J., 4,512,026, Cl. 375-114.000.

Siemens Corporation: *See—*
- Daniels, Stuart F., 4,493,078, Cl. 371-25.000.

Siemens Eammasonics, Inc.: *See—*
- Del Medico, Anthony P., 4,562,353, Cl. 250-363.00S.

- Siemens Gammasonics, Inc.: *See—*
  - Dirkse, Franciscus J.; and Kulberg, Gerardus H., deceased, 4,535,242, Cl. 250-363.00S.
  - Domnanovich, James R.; and Erwin, William D., 4,513,204, Cl. 250-496.100.
  - Groch, Mark W.; and Domnanovich, James R., 4,546,777, Cl. 128-715.000.
  - Groch, Mark W.; and Domnanovich, James R., 4,548,204, Cl. 128-700.000.
  - Groch, Mark W.; and Domnanovich, James R., 4,549,552, Cl. 128-700.000.
  - Meeder, Raymond L., 4,560,876, Cl. 250-363.00S.
  - Persyk, Dennis E., 4,523,091, Cl. 250-213.0VT.
- Siemens Medical Laboratories, Inc.: *See—*
  - Chamberlain, Jerry E., 4,514,633, Cl. 250-374.000.
- Siemensma, Sidonius V., to U.S. Philips Corporation. Filter device for making tea. 4,527,467, 7-9-85, Cl. 99-279.000.
- Siemer, Hans: *See—*
  - Figge, Dieter; Siemer, Hans; Artz, Gerd; and Philipp, Clemens, 4,544,018, Cl. 164-481.000.
- Siemers, Paul A.; Kopp, Robert W.; and Jackson, Melvin R., to General Electric Company. Method for controlling dimensions of RSPD articles. 4,537,742, 8-27-85, Cl. 419-8.000.
- Sieminski, Richard: *See—*
  - Kennon, James L.; Sieminski, Richard; Sharpless, John; and Scharf, Donald, 4,538,542, Cl. 118-302.000.
- Siemon Company, The: *See—*
  - Donais, Norman; and Nitowski, Ronald, 4,550,964, Cl. 339-44.00M.
  - Knickerbocker, Robert H., 4,533,195, Cl. 339-97.00P.
  - Pohl, Karl-Heinz, 4,533,202, Cl. 339-176.0MP.
  - Pohl, Karl-Heinz, 4,550,969, Cl. 339-98.000.
  - Pohl, Karl-Heinz, 4,558,919, Cl. 339-206.00R.
- Siems, Wolfgang, to Hauni-Werke Korber & Co. KG. Apparatus for testing cigarettes and the like. 4,528,841, 7-16-85, Cl. 73-38.000.
- Sienkiewicz, Joseph A. Fishing fly. 4,559,736, 12-24-85, Cl. 43-42.250.
- Sienkowski, Kenneth J.: *See—*
  - Bay, Paul G.; Boyer, Nicodemus E.; and Sienkowski, Kenneth J., 4,546,139, Cl. 524-367.000.
- Siepmann, Walter, to Siepmann-Werke GmbH & Co. KG. Check valve. 4,505,454, 3-19-85, Cl. 251-367.000.
- Siepmann-Werke GmbH & Co. KG: *See—*
  - Friedewald, Gunter, 4,544,010, Cl. 152-231.000.
  - Siepmann, Walter, 4,505,454, Cl. 251-367.000.
- Siepser, Steven B. Artificial intraocular lenses and method for their surgical implantation. 4,556,998, 12-10-85, Cl. 623-6.000.
- Sieracki, Leonard M.: *See—*
  - Durkan, Gerald; and Sieracki, Leonard M., 4,519,387, Cl. 128-204.230.
- Sieradzki, Ryszard. Remote station monitoring system. 4,549,168, 10-22-85, Cl. 340-525.000.
- Sierakoski, J. Michael: *See—*
  - Kordosky, Gary A.; Sudderth, R. Brantley; Sierakoski, J. Michael; and MacKay, Kenneth D., 4,544,532, Cl. 423-24.000.
- Sierakoski, Joseph M.: *See—*
  - Kordosky, Gary A.; MacKay, Kenneth D.; Sudderth, R. Brantley; and Sierakoski, Joseph M., 4,507,268, Cl. 423-24.000.
- Sieren, Gerald E., to Allis-Chalmers Corporation. Adjustable tractor grille shell. 4,491,191, 1-1-85, Cl. 180-69.200.
- Sieren, Gerald E., to Allis-Chalmers Corporation. Underhood muffler for tractor. 4,506,749, 3-26-85, Cl. 180-69.200.
- Sieswerda, Bauke: *See—*
  - Renardus, Max L. P.; and Sieswerda, Bauke, 4,546,284, Cl. 313-25.000.
- Sieveking, Robert. Hollow metal door mortiser and method of using same. 4,495,687, 1-29-85, Cl. 29-426.100.
- Sievers, Erich, to Kupfer, Manfred. Device for continuous application of foam onto a flat structure. 4,557,218, 12-10-85, Cl. 118-612.000.
- Sievers, Richard W., to Spiral Tubing Corporation. Multiple coil heat exchanger. 4,495,989, 1-29-85, Cl. 165-172.000.
- Sievers, Robert E.; and Gillis, John N., to University Patents, Inc. Oxygen sorbent. 4,514,522, 4-30-85, Cl. 521-53.000.
- Sievers, Willi; Schluter, Hartwig; and de Vries, Gerhard, to Continental Gummi-Werke Aktiengesellschaft. Extruder head for producing flat cohesive profiled webs from resilient mixtures of differing composition. 4,556,376, 12-3-85, Cl. 425-133.500.
- Sievert, James A., to Minnesota Mining and Manufacturing Company. Apparatus and method for sealing splices in insulated electrical cables. 4,501,927, 2-26-85, Cl. 174-93.000.
- Sievert, Steven A.: *See—*
  - Allen, Edwin M.; Foust, Eugene C.; Sievert, Steven A.; Fitzgerald, William C.; and Moffitt, Max L., 4,523,842, Cl. 356-124.000.
- Siewell, Gary: *See—*
  - Low, Robert N.; Cloutier, Frank L.; and Siewell, Gary, 4,509,062, Cl. 346-140.00R.
- Siewert, Gerhard: *See—*
  - Daum, Joachim; Siewert, Gerhard; Topert, Michael; and Seliger, Hartmut, 4,543,329, Cl. 435-69.000.
- Siewert, Robert L.; and Varnelis, Edmund K., to Clark Equipment Company. Pivot joint. 4,507,005, 3-26-85, Cl. 403-16.000.
- Siewert, Wolfgang: *See—*
  - Flucher, Wolfgang; and Siewert, Wolfgang, 4,557,826, Cl. 209-11.000.
  - Mayr, Hermann; Kahmann, Albrecht; Lambrecht, Gerhard; Heinbockel, Wolfgang; Siewert, Wolfgang; and Maier, Josef, 4,538,765, Cl. 241-21.000.
- Siff, Bradford E.; and Siff, Elliott J. Mail box. 4,509,675, 4-9-85, Cl. 232-17.000.
- Siff, Elliott J.: *See—*
  - Siff, Bradford E.; and Siff, Elliott J., 4,509,675, Cl. 232-17.000.
- Siffrin, Horst, to Walter Becker GmbH. Rail-mounted conveyance. 4,546,707, 10-15-85, Cl. 105-199.00R.
- SIG Schweizerische Industrie-Gesellschaft: *See—*
  - Auckenthaler, Robert, 4,505,769, Cl. 156-217.000.
  - Bolli, Hans-Ulrich, 4,519,495, Cl. 198-486.000.
  - Gasser, Markus, 4,499,988, Cl. 198-369.000.
  - Gasser, Markus, 4,553,658, Cl. 198-369.000.
  - Grundler, Bruno, 4,561,572, Cl. 222-410.000.
  - Knuchel, Max, 4,494,643, Cl. 198-392.000.
  - Meier, Siegfried, 4,519,179, Cl. 53-236.000.
  - Muller, Werner, 4,538,399, Cl. 53-512.000.
  - Rebsamen, August; and Low, Martin, 4,545,179, Cl. 53-443.000.
  - Steiner, Heinz; and Knoll, Fritz, 4,558,852, Cl. 267-137.000.
  - Walz, Theo, 4,522,294, Cl. 198-429.000.
  - Wehle, Peter, 4,533,425, Cl. 156-466.000.
- SIG Societe Industrielle Suisse: *See—*
  - Hurni, Hans, 4,502,391, Cl. 105-157.00R.
  - Jaquet, Andre, 4,531,053, Cl. 250-201.000.
  - Jaquet, Andre, 4,538,061, Cl. 250-201.000.
- SIG Swiss Industrial Company: *See—*
  - Datwyler, Walter; and Meister, Leo, 4,506,200, Cl. 318-493.000.
- Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, to Hitachi, Ltd. Rotor shaft and manufacturing method thereof. 4,497,670, 2-5-85, Cl. 148-12.00R.
- Siga, Masao: *See—*
  - Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.
- Sigel, Albert: *See—*
  - Maier, Peter; and Sigel, Albert, 4,543,866, Cl. 83-471.300.
- Sigel, Carl W.: *See—*
  - Duch, David S.; Nichol, Charles A.; and Sigel, Carl W., 4,512,992, Cl. 514-258.000.
- Sigelko, Wilmer L.: *See—*
  - Leng, Douglas E.; Sigelko, Wilmer L.; and Saunders, Frank L., 4,502,888, Cl. 106-170.000.
- Sigelman, Jesse L. Binocular ophthalmoscope. 4,538,888, 9-3-85, Cl. 351-205.000.
- Sigety, Stephen, Jr., to General Motors Corporation. Support device for a vehicle headlamp. 4,491,901, 1-1-85, Cl. 362-275.000.
- Sigety, Stephen, Jr., to General Motors Corporation. Vehicle hood support and secondary latch. 4,530,412, 7-23-85, Cl. 180-69.210.
- Sigg, Hans; and Staedeli, Otto, to Maag Gear-Wheel & Machine Company Limited. Clutch arrangement for power transmission, especially a reduction gear drive unit for marine vessels. 4,552,258, 11-12-85, Cl. 192-67.00A.
- Sigg, Hans: *See—*
  - Wegmann, Heinz; and Sigg, Hans, 4,538,449, Cl. 73-37.900.
- Sigismonde, Michael, to Guzowski, Christopher B., a part interest. Blizzardkoat. 4,532,654, 8-6-85, Cl. 2-69.500.
- Sigiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. System for pausing reproduction in rotary recording medium reproducing apparatus. 4,516,161, 5-7-85, Cl. 358-342.000.
- Sigl, Wayne C., to Kimberly-Clark Corporation. Elasticized garment and method for its manufacture. 4,527,990, 7-9-85, Cl. 604-385.00A.
- Sigma Chemical Company: *See—*
  - Crider, Quincy E., 4,539,118, Cl. 210-683.000.
- Sigma Ltd.: *See—*
  - Ireland, Eric, 4,520,569, Cl. 33-148.00E.
- Sigma Research Inc.: *See—*
  - McMillan, John D., 4,522,064, Cl. 73-592.000.
- Sigma-Tau Industrie Farmaceutiche Riunite S.p.A.: *See—*
  - Cavazza, Claudio; and Tinti, Maria O., 4,551,477, Cl. 514-547.000.
  - Tinti, Maria O.; Quaresima, Emma; Bagolini, Carlo; and de Witt, Paolo, 4,510,318, Cl. 560-147.000.
- Sigma Tool & Machine Limited: *See—*
  - Leistner, Herbert E., 4,508,478, Cl. 411-176.000.
- Sigmatron Associates: *See—*
  - Essinger, Walter F., 4,508,990, Cl. 313-50.000.
  - Rustomji, Sam H., 4,511.599, Cl. 427-66.000.
- Sigmatron Nova, Inc.: *See—*
  - Watkins, Randy W.; Bell, Robert J.; Martorano, Joseph A.; and Essinger, Walter F., 4,559,535, Cl. 340-793.000.
- Sigmon, Ned A.: *See—*
  - Hughes, Richard L.; and Sigmon, Ned A., 4,508,411, Cl. 339-99.00R.
- Sigmund, Adolf, to Sigri Elektrographit GmbH. Production line for graphite nipples. 4,507,860, 4-2-85, Cl. 29-825.000.
- Sigmund, Gunther: *See—*
  - Stolz, Albert; Volz, Wolfgang; and Sigmund, Gunther, 4,548,355, Cl. 236-37.000.
- Sigmund, Jerry A. Pin type fastener usable with swage collar to form a joint. 4,519,736, 5-28-85, Cl. 411-361.000.
- Sigmund, Jerry A., to Aerpat A.G. Multigrip fastener. 4,531,871, 7-30-85, Cl. 411-361.000.
- Signal Lux S.p.A.: *See—*
  - Gallone, Cesare, 4,532,390, Cl. 200-83.00B.
- Signal Research Laboratory: *See—*
  - Borish, Jeffrey G.; and Ewy, M. Dale, 4,535,474, Cl. 381-61.000.

- Signetics Corporation: *See—*
  - Blauschild, Robert A., 4,532,479, Cl. 330-261.000.
  - Blauschild, Robert A., 4,542,305, Cl. 307-353.000.
  - Boyer, Richard M., 4,542,331, Cl. 323-313.000.
  - Broadbent, Eliot K., 4,495,221, Cl. 427-88.000.
  - Broadbent, Eliot K., 4,517,225, Cl. 427-89.000.
  - Burgyan, Lajos, 4,524,330, Cl. 330-257.000.
  - Hiujsing, Johan H., 4,559,502, Cl. 330-294.000.
  - Huijsing, Johan H.; and van de Plassche, Rudy J., 4,555,673, Cl. 330-258.000.
  - Keshtbod, Parviz, 4,527,255, Cl. 365-154.000.
  - Lim, Sheldon C. P., 4,491,860, Cl. 357-68.000.
  - Puar, Deepraj S., 4,508,980, Cl. 307-530.000.
  - Smith, Douglas D., 4,491,743, Cl. 307-264.000.
  - Smith, Douglas D., 4,527,078, Cl. 307-475.000.
  - West, Jeffery A.; and Fletcher, Thomas D., 4,501,976, Cl. 307-456.000.
- Signode Corporation: *See—*
  - Klaus, Artur; and Wilhelm, Hans, 4,509,668, Cl. 227-8.000.
  - Klaus, Artur F., 4,558,811, Cl. 227-116.000.
  - Kobiella, Robert J., 4,512,844, Cl. 156-510.000.
  - Kobiella, Robert J., 4,533,343, Cl. 474-207.000.
  - Lems, Peter, 4,490,959, Cl. 53-459.000.
  - Nikolich, Milovan, 4,522,162, Cl. 123-46.50C.
  - Nikolich, Milovan, 4,549,344, Cl. 29-432.000.
  - Scheffers, Richard W., 4,517,788, Cl. 53-459.000.
  - Scheffers, Richard W., 4,522,017, Cl. 53-570.000.
  - Urban, Clement A.; and Huson, Gale W., 4,501,356, Cl. 206-83.500.
  - Urban, Clement A.; and Huson, Gale W., 4,520,720, Cl. 100-26.000.
  - Van Erden, Donald L.; Gould, Russell J.; and Matsunaga, Yukio A., 4,495,124, Cl. 264-130.000.
- Signode Paper Products Company: *See—*
  - Liebel, Henry L., 4,513,864, Cl. 206-396.000.
- Signorini, Ernesto: *See—*
  - Cecere, Mirella; Gozzo, Franco; and Signorini, Ernesto, 4,504,303, Cl. 71-76.000.
- Signs by Severson Rent A Sign, Inc.: *See—*
  - Uihlein, Robert E.; and Severson, Walter C., 4,542,604, Cl. 40-475.000.
- Signtech Inc.: *See—*
  - Gandy, James, 4,542,605, Cl. 40-574.000.
- Sigri Elektrographit GmbH: *See—*
  - Sigmund, Adolf, 4,507,860, Cl. 29-825.000.
- Sigrimis, Nick A.; and Scott, Norman R., to Cornell Research Foundation, Inc. Remote passive identification system. 4,510,495, 4-9-85, Cl. 340-825.540.
- Siguier, Max: *See—*
  - Benichou, Alain; and Siguier, Max, 4,530,206, Cl. 57-250.000.
- Sigvardt, Niels H.; and Baranski, Jan A., to Oce-Helioprint AS. Conveying device for sheets. 4,513,956, 4-30-85, Cl. 271-9.000.
- Sigwardt, Peter L., to Getty Oil Company. Flow rate controller. 4,512,187, 4-23-85, Cl. 73-198.000.
- Sigworth, Harrison W., Jr., to Chevron Research Company. Vacuum system for reducing heat loss. 4,496,001, 1-29-85, Cl. 166-387.000.
- Sih, John C.: *See—*
  - Aristoff, Paul A.; and Sih, John C., 4,533,749, Cl. 562-501.000.
- Siiberg, Hemming G., to Edison International Inc. Voltage and temperature compensated time delay relay. 4,517,542, 5-14-85, Cl. 337-92.000.
- Sijbrandij, George, to Gefra B.V. Support for a side guide of a conveying device. 4,502,594, 3-5-85, Cl. 198-836.000.
- Sika AG, vorm. Kaspar Winkler & Co.: *See—*
  - Burge, Theodor; and Bodenmann, Eugen, 4,507,154, Cl. 106-315.000.
  - Burge, Theodor A.; Widmer, Jurg; Meyer, Theodor; and Sulser, Ulrich, 4,501,839, Cl. 524-247.000.
  - Zabel, Lutz D.; Widmer, Jurg; and Sulser, Ueli, 4,504,647, Cl. 528-68.000.
- Sikanen, Pertti: *See—*
  - Puumalainen, Pertti; Rantanen, Rauno; and Sikanen, Pertti, 4,543,487, Cl. 250-493.100.
- Sikdar, Subhas K.; and Yeboah, Yaw D., to General Electric Company. Catalyzed interfacial polycondensation polycarbonate process. 4,515,936, 5-7-85, Cl. 528-200.000.
- Sikdar, Subhas K., to General Electric Company. Two phase interfacial polycondensation polycarbonate process. 4,558,118, 12-10-85, Cl. 528-196.000.
- Sikdar, Subhas K.: *See—*
  - Mendiratta, Ashok K.; and Sikdar, Subhas K., 4,546,207, Cl. 568-723.000.
- Sikes, C. Steven; and Wheeler, Alfred P., to University of South Alabama. Inhibition of inorganic or biological $CaCO_3$ deposition by poly amino acid derivatives. 4,534,881, 8-13-85, Cl. 252-180.000.
- Sikkema, Doetze J.: *See—*
  - Vrouenraets, Cornelius M. F.; and Sikkema, Doetze J., 4,493,870, Cl. 428-245.000.
- Sikkenga, David L., to Standard Oil Company (Indiana). Process to convert linear alkenes selectively using high concentrations of AMS-1B crystalline borosilicate catalyst. 4,503,282, 3-5-85, Cl. 585-671.000.
- Sikkenga, David L., to Standard Oil Company (Indiana). Non-aqueous exchange of acidic sites on molecular sieves. 4,550,091, 10-29-85, Cl. 502-62.000.
- Sikonia, John G.; and Bennett, Richard W., to UOP Inc. Multiple-stage catalytic reforming with gravity-flowing dissimilar catalyst particles. 4,498,973, 2-12-85, Cl. 208-63.000.
- Sikora, Helga: *See—*
  - Geissler, Ulrich; Herwig, Walter; and Sikora, Helga, 4,559,292, Cl. 430-256.000.
- Sikora, Joseph G. Mechanical-emergency system between vehicle service brake foot pedal and parking brake. 4,520,907, 6-4-85, Cl. 188-156.000.
- Sikorski, Charles F., to FMC Corporation. Oil well completion fluid. 4,521,316, 6-4-85, Cl. 252-8.55R.
- Sikorski, James A.; and Hoobler, Mary A., to Monsanto Company. Process for preparing thiosulfenamide derivatives of N-phosphonomethylglycinonitriles. 4,508,663, 4-2-85, Cl. 260-968.000.
- Sikorski, James A.; and Hoobler, Mary A., to Monsanto Company. Unsymmetrical aminosulfinamide derivatives of N-phosphonomethylglycine triesters, herbicidal compositions and use. 4,519,832, 5-28-85, Cl. 71-87.000.
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- Sikula, William J., Jr.: *See—*
  - Nelson, Leon F.; Montgomery, Dan T.; Wyffels, Michael K.; and Sikula, William J., Jr., 4,522,553, Cl. 414-526.000.
- SIL-FAB Corporation: *See—*
  - Russo, Ronald D., 4,523,920, Cl. 604-93.000.
- Silagi, Edward G., to Rockwell International Corporation. Phase adjusted feedforward system utilizing a single amplitude/phase equalizer. 4,532,478, 7-30-85, Cl. 330-151.000.
- Silber, Arthur L. Disconnectible section bandage. 4,526,166, 7-2-85, Cl. 128-156.000.
- Silber, Victor. Multi-positional chair. 4,491,366, 1-1-85, Cl. 297-329.000.
- Silberberg, Joseph: *See—*
  - Aliberto, Anthony C.; and Silberberg, Joseph, 4,517,339, Cl. 525-85.000.
- Silbering, Steven B.; and Sipos, Tibor, to Johnson & Johnson Products, Inc. Oral compositions comprising N^G-acyl derivatives of arginine. 4,499,067, 2-12-85, Cl. 424-52.000.
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- Silberline Manufacturing Company, Inc.: *See—*
  - Kern, George M., 4,544,600, Cl. 428-323.000.
- Silberman, Chaim: *See—*
  - Tessler, Moshe; Silberman, Chaim; and Zollman, Richard, 4,503,687, Cl. 63-28.000.
- Silberman, Ira J., to Diversified Products Corporation. Adjustable bench mounted leg lift exerciser. 4,546,968, 10-15-85, Cl. 272-117.000.
- Silberman, Ira J.: *See—*
  - Kelley, Robert C.; and Silberman, Ira J., 4,508,335, Cl. 272-145.000.
- Silbermann, Rainer: *See—*
  - Woest, Wolfgang; Silbermann, Rainer; and Hegner, Frank, 4,530,030, Cl. 361-286.000.
- Silchor: *See—*
  - Houle, Raymond T.; Kilbourn, Frederick A.; De Kraker, James E.; and Nilsson, Robert T., 4,546,506, Cl. 4-555.000.
- Silcox, William H., to Chevron Research Company. Pressurized gas filled tendons. 4,521,135, 6-4-85, Cl. 405-224.000.
- Silena S.p.A.: *See—*
  - Giardinelli, Silvano C., 4,491,799, Cl. 330-2.000.
- Silentnight Holdings PLC: *See—*
  - Woffendin, Arnold, 4,510,635, Cl. 5-247.000.
- Siler, G. Daniel, to Dayton Machine Tool Company. Apparatus for rotating a generally cylindrical heavy workpiece for treatment. 4,540,872, 9-10-85, Cl. 219-159.000.
- Silfvast, William T.: *See—*
  - Macklin, John J.; Silfvast, William T.; and Wood, Obert R., II, 4,498,182, Cl. 372-62.000.
  - Macklin, John J.; Silfvast, William T.; and Wood, Obert R., II, 4,504,955, Cl. 372-76.000.
- Silhavy, Thomas J.: *See—*
  - Berman, Michael L.; Silhavy, Thomas J.; and Weinstock, George M., 4,503,142, Cl. 435-6.000.
- Silicon Electro-Physics, Inc.: *See—*
  - Santini, William A., Jr., 4,547,259, Cl. 156-607.000.
- Silicon Technology Corporation: *See—*
  - Kachajian, George S.; Steere, Robert E., Jr.; and Charles, Wesley, 4,498,449, Cl. 125-15.000.
  - Steere, Robert E., Jr.; and Lewandowski, Thomas, 4,537,177, Cl. 125-13.00R.
- Silicon Valley Group, Inc.: *See—*
  - Tam, Johann; Ashjaee, Jalal; Kuwaki, Nobuo B.; Ngo, Tuan M.; and Kung, Susan W., 4,507,078, Cl. 432-11.000.
- Siliconix Incorporated: *See—*
  - Pitzer, Dorman C.; and Rice, Edward J., 4,561,168, Cl. 29-571.000.
- Siliconix Limited: *See—*
  - Jenkins, James O. M.; and Gardner, Nigel C., 4,535,203, Cl. 179-81.00R.
- Siligoni, Marco; and Rossetti, Nazareno, to SGS-ATES Componenti Elettronici S.p.A. Transistor bridge voltage rectifier circuit. 4,501,933, 2-26-85, Cl. 179-81.00R.
- Siligoni, Marco; and Consiglio, Pietro, to SGS-ATES Componenti Elettronici S.p.A. Final bridge stage for a receiver audio amplifier. 4,502,016, 2-26-85, Cl. 330-146.000.
- Siligoni, Marco; and Rossetti, Nazzareno, to SGS-ATES Componenti Elettronici S.p.A. Transistorized bridge rectifier circuit with overcurrent protection for use in telephones. 4,507,525, 3-26-85, Cl. 179-81.00R.

Silins, Vilnis; and Tameling, Jerome H., to Sherritt Gordon Mines Limited. Method of protecting a metallic surface susceptible to abrasion by rock-like material. 4,547,985, 10-22-85, Cl. 37-118.00R.
Silken, Howard. Radial arm saw. 4,553,462, 11-19-85, Cl. 83-471.300.
Silkman, Ronald W., to Eastman Kodak Company. Apparatus for reading encoded information on a carrier subject to non-uniform motion. 4,553,027, 11-12-85, Cl. 235-474.000.
Silkman, William D.: *See—*
  Krygowski, Matthew A.; Messina, Benedicto U.; and Silkman, William D., 4,503,497, Cl. 364-200.000.
Sill, Brian E.: *See—*
  Galus, Dean M.; and Sill, Brian E., 4,504,233, Cl. 434-45.000.
Sill, Marvin S. Vehicle lift device for tow trucks. 4,557,496, 12-10-85, Cl. 280-402.000.
Sillaba, Wilhelm: *See—*
  Ender, Hans G.; and Sillaba, Wilhelm, 4,502,491, Cl. 128-782.000.
Sillard, Gilles: *See—*
  Baril, Michel; and Sillard, Gilles, 4,507,632, Cl. 333-258.000.
Sillars, Ian M. Rotary apparatus for printing quasi random number tables. 4,541,333, 9-17-85, Cl. 101-76.000.
Siller, Curtis H.: *See—*
  Debus, Walter, Jr.; and Siller, Curtis H., 4,550,415, Cl. 375-14.000.
Silliker, John H.: *See—*
  Woodruff, Richard E.; and Silliker, John H., 4,522,835, Cl. 426-264.000.
Sillion, Bernard: *See—*
  Denis, Jacques; Sillion, Bernard; Damin, Bernard; and Leger, Robert, 4,511,369, Cl. 44-62.000.
  Denis, Jacques; Senneron, Michel; and Sillion, Bernard, 4,560,490, Cl. 252-51.50A.
Sillitto, Hillary G., to Ferranti plc. Optical elements. 4,554,448, 11-19-85, Cl. 250-216.000.
Sillivent, Bob; and Sillivent, Clifford, to Wright, Thomas J.; and Burns, Mike L. Conveyor belt cleaning methods and apparatuses therefor. 4,520,917, 6-4-85, Cl. 198-499.000.
Sillivent, Clifford: *See—*
  Sillivent, Bob; and Sillivent, Clifford, 4,520,917, Cl. 198-499.000.
Sillner, Georg. Device for retaping electrical components. 4,495,973, 1-29-85, Cl. 140-102.000.
Sills, David E.: *See—*
  Beckman, John A.; and Sills, David E., 4,552,544, Cl. 464-162.000.
Silman, Robert E., to AMB Systems Corp. Microorganism identification technique. 4,521,512, 6-4-85, Cl. 435-35.000.
Silman, Robert E., to AMB Systems Corp. Microorganism identification technique. 4,526,865, 7-2-85, Cl. 435-35.000.
Silmet Ltd.: *See—*
  Zaltsman, Saul, 4,526,472, Cl. 366-108.000.
Silva, Ethan A. Fluid intensifier. 4,523,895, 6-18-85, Cl. 417-225.000.
Silva, Raimund H.; and Smith, Roger A., to Du Pont de Nemours, E. I., and Company. Electrolytic cell with cation exchange membrane having high equivalent weight component. 4,544,471, 10-1-85, Cl. 204-252.000.
Silva, Raimund H.: *See—*
  Grot, Walther G.; Rivers, Joseph T.; and Silva, Raimund H., 4,518,650, Cl. 428-286.000.
Silva, Ralph: *See—*
  Mollman, Robert E.; and Silva, Ralph, 4,504,431, Cl. 264-105.000.
Silva, Robert R.: *See—*
  Sepulveda, Frank J.; and Silva, Robert R., 4,537,237, Cl. 160-201.000.
Silva, Rosemary A. Needle keeper device. 4,524,891, 6-25-85, Cl. 223-109.00R.
Silva, Roy F., to Stauffer Chemical Company. Fermentation aid for conventional baked goods. 4,500,548, 2-19-85, Cl. 426-19.000.
Silver, David M.; and Dehaas, Newman, to Johns Hopkins University, The. Cryogenic tank support system. 4,496,073, 1-29-85, Cl. 220-445.000.
Silver Engineering Works, Inc.: *See—*
  Vertenstein, Mathieu J.; and Amerigian, Albert A., 4,496,199, Cl. 384-474.000.
Silver, Frederick, to Fred Silver & Company, Inc. Light powered rotating detection mirror. 4,556,299, 12-3-85, Cl. 350-603.000.
Silver, Howard F.; and Miller, Ronald L., to In-Situ, Inc. Upgraded solvents in coal liquefaction processes. 4,537,675, 8-27-85, Cl. 208-8.0LE.
Silver, Jack: *See—*
  Hider, Robert C.; Kontoghiorghes, George; Silver, Jack; and Stockham, Michael A., 4,550,101, Cl. 514-188.000.
Silver Lake Corporation: *See—*
  Buttolph, John L., III, 4,540,875, Cl. 219-364.000.
Silver, Myron E.; and Wisdom, Lawrence W., to Frito-Lay, Inc. Fruit chip product and process for making same. 4,547,376, 10-15-85, Cl. 426-102.000.
Silver, Paul J.: *See—*
  Sulkowski, Theodore S.; Silver, Paul J.; Mascitti, Albert A.; and Bender, Reinhold H. W., 4,551,534, Cl. 546-123.000.
Silver Seiko Ltd.: *See—*
  Goto, Isamu, 4,557,119, Cl. 66-60.00H.
  Nagashima, Yoshimitsu, 4,538,931, Cl. 400-185.000.
  Nagashima, Yoshimitsu, 4,561,791, Cl. 400-208.000.
  Sawada, Kazuyoshi, 4,534,664, Cl. 400-110.000.
Silver, William, to Thomson-Leeds Company Inc. Modular shelf structure. 4,498,593, 2-12-85, Cl. 211-49.00D.
Silver, William, to Thomson-Leeds Company Inc. Rack module. 4,522,306, 6-11-85, Cl. 211-49.100.
Silverberg, Morton: *See—*
  Burger, William R.; Hutton, James E.; and Silverberg, Morton, 4,553,828, Cl. 355-3.0BE.
Silverblatt, Bernard L.: *See—*
  Meuschke, Robert E.; Sherwood, Donald G.; and Silverblatt, Bernard L., 4,519,519, Cl. 220-211.000.
Silverglate, David E., to Plantronics, Inc. Aspherical lens for concentrating diffuse optical radiation. 4,534,614, 8-13-85, Cl. 350-1.400.
Silveri, Luigi: *See—*
  Nanda, Ashok K.; Silveri, Luigi; and McCool, Michael A., 4,548,673, Cl. 162-4.000.
Silverio, Shaun: *See—*
  Leary, Burton; and Silverio, Shaun, 4,494,172, Cl. 361-400.000.
Silverio, Vincent J., to AT&T Bell Laboratories. Memory write protection using timers. 4,493,031, 1-8-85, Cl. 364-200.000.
Silverio, Vincent J.: *See—*
  Bennett, Joseph M.; Gordon, Alan M.; Silverio, Vincent J.; and Zydney, Herbert M., 4,506,346, Cl. 364-900.000.
Silverman, Daniel. Seismic wave generator. 4,497,044, 1-29-85, Cl. 367-41.000.
Silverman, Daniel. Method for determining the azimuth and length of a deep vertical fracture in the earth. 4,524,434, 6-18-85, Cl. 367-37.000.
Silverman, Harold; Ramsey, James S.; and Irvine, Robert, to Pitney Bowes Inc. Sheet processing apparatus. 4,524,557, 6-25-85, Cl. 53-55.000.
Silverman, Harold: *See—*
  Foster, Dean H.; and Silverman, Harold, 4,501,417, Cl. 271-124.000.
  Foster, Dean H.; Mersereau, Robert E.; and Silverman, Harold, 4,548,400, Cl. 271-226.000.
Silverman, Jerry E.: *See—*
  Altomare, Robert E.; Beale, Robert J.; Glicksman, Martin; Hegedus, Elizabeth; Schulman, Marvin; and Silverman, Jerry E., 4,526,794, Cl. 426-258.000.
  Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,503,083, Cl. 426-553.000.
  Glicksman, Martin; Frost, John R.; Silverman, Jerry E.; and Hegedus, Elizabeth, 4,526,799, Cl. 426-553.000.
Silverman, Lawrence H.: *See—*
  Rozario, Novellone; and Silverman, Lawrence H., 4,550,265, Cl. 307-494.000.
Silverman, Martin L.; and Shook, Donald P., to Warner & Swasey Company, The. Machine tool with two speed turret indexing. 4,507,993, 4-2-85, Cl. 82-36.00A.
Silverman, Martin L., to Warner & Swasey Company, The. Machine tool with chucking controls. 4,513,979, 4-30-85, Cl. 279-4.000.
Silverman, Michael A., to Tenneco Oil Company. Shale oil demetallization process. 4,534,855, 8-13-85, Cl. 208-253.000.
Silverman, Neil D.: *See—*
  Degironimo, Bruno; Silverman, Neil D.; Oliver, William R.; and Rideout, Eugene C., 4,502,488, Cl. 128-692.000.
Silverman, Richard B.: *See—*
  Flint, Dennis H.; and Silverman, Richard B., 4,528,028, Cl. 71-113.000.
Silverman, Seth A.: *See—*
  Scheuerman, Ronald F.; and Silverman, Seth A., 4,548,732, Cl. 252-8.55C.
Silvers, Kenneth W.: *See—*
  McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cullity, Joseph A.; and Stryzak, Bohdan, 4,546,382, Cl. 358-84.000.
Silverstein, Joseph D. Universal automotive battery holddown system. 4,515,233, 5-7-85, Cl. 180-68.500.
Silverstein, Paul: *See—*
  McKnight, James T.; and Silverstein, Paul, 4,561,435, Cl. 128-156.000.
Silverthorn, Charles R.; and Allhands, Marcus N., to A. O. Smith Harvestore Products, Inc. Conveyor construction for conveying materials to an elevated location. 4,534,461, 8-13-85, Cl. 198-592.000.
Silverton Tannery Limited: *See—*
  Roets, Sarel D., 4,559,146, Cl. 210-705.000.
Silverwater, Bernard, to Pall Corporation. Automatic reservoir bleed valve. 4,524,793, 6-25-85, Cl. 137-198.000.
Silvestri, George, Jr., to Westinghouse Electric Corp. Power plant feedwater system. 4,561,255, 12-31-85, Cl. 60-678.000.
Silvestri, George J., Jr., to Westinghouse Electric Corp. Moisture separating device. 4,527,396, 7-9-85, Cl. 60-685.000.
Silvestri, George J., Jr.; and Davids, Joseph, to Westinghouse Electric Corp. Single low pressure turbine with zoned condenser. 4,557,113, 12-10-85, Cl. 60-693.000.
Silvestri, Oreste, to Innse Innocenti Santeustacchio S.p.A. Revolving-ladle turret for continuous casting steel plants. 4,536,124, 8-20-85, Cl. 414-744.00R.
Silvestri, Victor; and Tang, D. Duan-Lee, to International Business Machines Corporation. Method for forming a void free isolation pattern utilizing etch and refill techniques. 4,526,631, 7-2-85, Cl. 148-175.000.
Silvestri, Victor J.: *See—*
  Beyer, Klaus D.; and Silvestri, Victor J., 4,528,047, Cl. 148-175.000.
Silvestrini, Bruno, to Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F. S.p.A. Use of bendazac and its salts in the treatment of retinitis pigmentosa. 4,554,288, 11-19-85, Cl. 514-418.000.
Silvestrini, Jesus A., to IMDEC s.r.l. Method for separating the pulp from the skin of tomatoes. 4,493,851, 1-15-85, Cl. 426-482.000.

Silvestrini, Jesus A.; and Morsucci, Juan C., to IMDEC s.r.l. Apparatus for moving and thermally conditioning cylindrical containers. 4,505,670, 3-19-85, Cl. 432-124.000.

Silvey, Elmer R. Saw chain depth gauge grinder. 4,522,087, 6-11-85, Cl. 76-25.00A.

Silvey, Trevor I.; and Merry, Peter J., to Plessey Overseas Limited. Stabilized underwater apparatus for being towed or tethered. 4,528,930, 7-16-85, Cl. 114-244.000.

Silvis, Salvatore J., to Colgate-Palmolive Company. Neutralization of organic sulfuric or sulfonic detergent acid to produce high solids concentration detergent salt. 4,544,493, 10-1-85, Cl. 252-89.100.

Sim, F. Thomas; Ancillai, Louis D.; and Leikam, Carson, to Croll-Reynolds Engineering Co., Inc. Heel recovery filtration process and apparatus. 4,547,296, 10-15-85, Cl. 210-778.000.

Sim, Malcolm F.; and Yates, David B., to Boots Company PLC, The. Method of treating heart disease. 4,552,884, 11-12-85, Cl. 514-312.000.

Sima Products Corporation: *See—*
Breslau, Steven M., 4,497,127, Cl. 40-367.000.

Simader, Fritz: *See—*
Petter, Helmut; Bildstein, Hubert; and Simader, Fritz, 4,516,255, Cl. 378-143.000.

Simak, Petr: *See—*
Naarmann, Herbert; Muench, Volker; Kohler, Gernot; and Simak, Petr, 4,518,535, Cl. 260-438.100.

Simard, Albert J.: *See—*
Blank, Richard W.; and Simard, Albert J., 4,521,120, Cl. 374-102.000.

Simard, Julien, to Hydro-Quebec. Current transformer protection device. 4,521,822, 6-4-85, Cl. 361-35.000.

Simard, Patrice. Safety valve for automatically stopping the flow of a fluid brought by a conduit to a reservoir. 4,524,798, 6-25-85, Cl. 137-448.000.

Simashkevich, Richard M.; and Sharp, William J., to Nordson Corporation. Method for replacing dielectric material at the high-value resistor of an electrostatic spray gun to prevent corona discharge. 4,534,106, 8-13-85, Cl. 29-613.000.

Simashkevich, Richard M.; and Sharp, William J., to Nordson Corporation. Liquid spray gun having quick change pattern control. 4,544,100, 10-1-85, Cl. 239-407.000.

Simazaki, Yuzuru: *See—*
Umeda, Takao; Simazaki, Yuzuru; Igawa, Tatsuo; Tanno, Seikichi; Sasaki, Ken; and Miyashita, Takao, 4,505,546, Cl. 350-334.000.

Simco Company, Inc., The: *See—*
Antonevich, John N., 4,558,309, Cl. 340-649.000.
Blitshteyn, Mark, 4,529,940, Cl. 324-458.000.

Simcoe, Kent W.: *See—*
Spangler, Richard M.; Burmeister, Eugene V.; Cada, Frank E.; Christopher, Chris J.; Covington, Wayne F.; Judd, Myles A.; Wenninger, Freddie W.; Watson, Robert E.; and Simcoe, Kent W., 4,546,448, Cl. 364-900.000.

Simek, Petr; Barth, Tomislav; Brtnik, Frantisek; Jost, Karel; Machova, Alena; Servitova, Linda; and Slantinova, Jirina, to Ceskoslovenska akademie ved. Analogs of neurohypophysial hormones with inhibition effects. 4,508,645, 4-2-85, Cl. 260-112.50R.

Simelunas, William J., to Nabisco Brands, Inc. High production apparatus for forming filled edible products. 4,528,900, 7-16-85, Cl. 99-450.700.

Simelunas, William J., to Nabisco Brands, Inc. Apparatus having shims underlying portions of a die. 4,534,726, 8-13-85, Cl. 425-363.000.

Simen, Rolf: *See—*
Maier, Peter; Schirrmacher, Roland; and Simen, Rolf, 4,555,199, Cl. 403-370.000.

Simer, Loren J.: *See—*
Steiner, Charles W.; and Simer, Loren J., 4,540,342, Cl. 417-40.000.

Simer Pump Company: *See—*
Steiner, Charles W.; and Simer, Loren J., 4,540,342, Cl. 417-40.000.

Simeri, Albert R.; and Simeri, Paul S., to Van Express, Inc. Removable van bench. 4,505,509, 3-19-85, Cl. 296-63.000.

Simeri, Paul S.: *See—*
Simeri, Albert R.; and Simeri, Paul S., 4,505,509, Cl. 296-63.000.

Simerman, John L. Nestable set of ladders. 4,542,807, 9-24-85, Cl. 182-178.000.

Simerman, Miguel O.: *See—*
Abileah, Adi; Gafni, Giora; and Simerman, Miguel O., 4,532,425, Cl. 250-363.00S.

Simes: *See—*
Vecchietti, Vittorio; Mussini, Emilio; and Ferrari, Giorgio, 4,507,307, Cl. 514-313.000.

Simes, Societa Italiana Medicinalle Sintetici: *See—*
Vecchietti, Vittorio; Ferrari, Giorgio; and Casagrande, Cesare, 4,528,296, Cl. 514-346.000.

Simeth, Claus, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Arrangement for securing skew adjustment of a plate cylinder in a sheet-fed rotary printing press. 4,491,071, 1-1-85, Cl. 101-248.000.

Simeth, Claus, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Inking or damping unit for rotary printing machines. 4,538,514, 9-3-85, Cl. 101-148.000.

Simeth, Claus: *See—*
Greiner, Harry M.; Fischer, Hermann; and Simeth, Claus, 4,553,478, Cl. 101-426.000.
Herzel, Joachim; Simeth, Claus; Mitze, Rudolf; and Ortner, Robert, 4,503,771, Cl. 101-247.000.

Simi, Victor M.; and Sublette, Jerry M., to International Business Machines Corporation. Isolated power supply feedback. 4,495,554, 1-22-85, Cl. 363-21.000.

Simich, Emil, to A.J. Gerrard & Company. Bale tie joining devices. 4,509,416, 4-9-85, Cl. 100-25.000.

Simig, Gyula: *See—*
Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.
Lempert, Karoly; Doleschall, Gabor; Fetter, Jozsef; Hornyak, Gyula; Nyitrai, Jozsef; Simig, Gyula; and Zauer, Karoly, 4,559,406, Cl. 549-291.000.

Siminerio, Andrew C.: *See—*
Fecik, Michael T.; Frank, Robert G.; Ewing, John J.; and Siminerio, Andrew C., 4,556,407, Cl. 65-289.000.

Simington, Jack F., to Simington Products Co. Saw chain sharpener. 4,539,871, 9-10-85, Cl. 76-42.000.

Simington, Jack F. Saw chain grinder. 4,559,851, 12-24-85, Cl. 76-40.000.

Simington Products Co.: *See—*
Simington, Jack F., 4,539,871, Cl. 76-42.000.

Siminoff, Roger H. Geared tuning machine. 4,515,059, 5-7-85, Cl. 84-306.000.

Simizu, Nobuo: *See—*
Tomiyori, Takashi; Fukuda, Misao; Yamashita, Iwao; Simizu, Nobuo; and Kumano, Takeshi, 4,505,073, Cl. 51-165.00R.

Simjian, Luther G., to Command Automation, Inc. Golf putting device. 4,494,757, 1-22-85, Cl. 273-183.00C.

Simjian, Luther G., to Command Automation, Inc. Chair with moving seat and moving mirror. 4,557,520, 12-10-85, Cl. 297-185.000.

Simkin, Ernst M.: *See—*
Kuznetsov, Oleg L.; Maxutov, Rafkhat A.; Malchenok, Vladimir O.; Mordukhaev, Khanuko M.; Ostrovsky, Anatoly P.; Rubtsov, Adolf E.; Simkin, Ernst M.; and Sokolov, Alexei V., 4,558,737, Cl. 166-60.000.

Simkin, Joseph, to Pennwalt Corporation. Microencapsulated naturally occuring pyrethrins. 4,497,793, 2-5-85, Cl. 424-32.000.

Simkins, Neil: *See—*
Magill, Robert J.; Gaiger, David J.; and Simkins, Neil, 4,531,534, Cl. 137-75.000.

Simko, Aladar O., to Ford Motor Company. Four valve per cylinder engine with single overhead camshaft. 4,561,391, 12-31-85, Cl. 123-90.270.

Simko, Aladar O.: *See—*
Schechter, Michael M.; and Simko, Aladar O., 4,541,394, Cl. 123-506.000.

Simko, Richard T., to Xicor, Inc. Integrated high voltage distribution and control systems. 4,520,461, 5-28-85, Cl. 365-184.000.

Simko, Richard T., to Xicor, Inc. Integrated circuit high voltage clamping systems. 4,533,846, 8-6-85, Cl. 307-550.000.

Simm, Hans-Peter: *See—*
Ahlf, Heinz-Jurgen; Guhne, Wieland; Wulf, Peter; and Simm, Hans-Peter, 4,538,322, Cl. 15-387.000.

Simm, Manfred: *See—*
Kuhnel, Werner; Putz, Peter; Simm, Manfred; and Spielau, Paul, 4,511,619, Cl. 428-215.000.

Simm, Walter: *See—*
Podszun, Wolfgang; Simm, Walter; Goossens, John; and Suling, Carlhans, 4,521,505, Cl. 430-112.000.

Simm, Wolfgang; and Steine, Hans-Theo, to Castolin S.A. Coating material for the formation of abrasion-resistant and impact-resistant coatings on workpieces. 4,507,151, 3-26-85, Cl. 75-251.000.

Simmel, Thomas L.: *See—*
Sansome, Terry; and Simmel, Thomas L., 4,537,577, Cl. 446-445.000.

Simmen, Christian, to Heberlein Maschinenfabrik AG. Jet texturing nozzle. 4,507,833, 4-2-85, Cl. 28-254.000.

Simmering-Graz-Pauker Aktiengesellschaft: *See—*
Raggam, Augustin; and Rabitsch, Hermann, 4,556,452, Cl. 162-233.000.

Simmler, Lawrence W.; and Carlson, John H., to Omco Inc. Sleeve barrel lock. 4,519,225, 5-28-85, Cl. 70-34.000.

Simmonds, Oliver E. Self locking nut including an axially extending reinforcement. 4,498,826, 2-12-85, Cl. 411-301.000.

Simmonds, Peter G.; and Moore, Robert E., to Sun Tech, Inc. Fluorocarbon tracers and tracing method. 4,520,109, 5-28-85, Cl. 436-56.000.

Simmonds Precision Products, Inc.: *See—*
Drexler, Rudolph A., 4,542,442, Cl. 361-413.000.
Franklin, Cecil, 4,526,027, Cl. 73-1.00H.
Powell, Fred D., 4,542,336, Cl. 324-71.00B.
Ramsdale, Kurt A.; and Harter, Richard M., 4,559,507, Cl. 331-183.000.
Sharp, David L., 4,545,245, Cl. 73-290.00V.

Simmonds, Robert C.; Gilbride, Andrew J.; and Martin, John F., to USM Corporation. Method of manufacturing a reinforced article. 4,528,710, 7-16-85, Cl. 12-146.00D.

Simmonds, Robert C., Jr.; Gilbride, Andrew J.; and Morse, Albert I., to USM Corporation. Method of applying a fusible powder. 4,540,608, 9-10-85, Cl. 427-282.000.

Simmons, Albert, to Molins PLC. Method and apparatus for determining the mass and moisture content of tobacco. 4,538,453, 9-3-85, Cl. 73-73.000.

Simmons, Billy R.: *See—*
Simmons, Harold J.; and Simmons, Billy R., 4,550,519, Cl. 43-15.000.

Simmons, Catherine J.: *See—*
Macedo, Pedro B.; Simmons, Catherine J.; Tran, Danh C.; Lagakos, Nicholas; and Simmons, Joseph, 4,528,011, Cl. 65-30.130.

Tran, Danh C.; Macedo, Pedro B.; Simmons, Joseph H.; Simmons, Catherine J.; and Lagakos, Nicholas, 4,544,499, Cl. 252-629.000.
Simmons, Clarke V. Polarizing retroreflecting prism. 4,525,034, 6-25-85, Cl. 350-395.000.
Simmons, David M.: *See—*
Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,529,839, Cl. 179-2.0TS.
Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,529,840, Cl. 179-2.0TS.
Colton, John R.; Scordo, Dominick; and Simmons, David M., 4,531,024, Cl. 179-2.0TS.
Simmons Fastener Corporation: *See—*
Hoen, Cuyler; and Pufpaff, Frederick J., 4,522,436, Cl. 292-113.000.
Simmons, Frederick J.: *See—*
Keller, Douglas V., Jr.; and Simmons, Frederick J., 4,515,602, Cl. 44-51.000.
Simmons, Gerald P.: *See—*
Eftefield, Larry G.; Simmons, Gerald P.; and Stone, Gregory L., 4,560,207, Cl. 299-10.000.
Riediger, Craig W.; Mangus, Ervin E.; Simmons, Gerald P.; and Knock, Anthony J., 4,541,497, Cl. 180-6.480.
Simmons, Harold J.; and Simmons, Billy R. Fishing rod holder with automatic hook setter. 4,550,519, 11-5-85, Cl. 43-15.000.
Simmons, Jerry C.: *See—*
Strickler, Steven E.; Simmons, Jerry C.; Golladay, James; and Goldstein, Andrew D., 4,523,460, Cl. 73-200.000.
Simmons, Joseph: *See—*
Macedo, Pedro B.; Simmons, Catherine J.; Tran, Danh C.; Lagakos, Nicholas; and Simmons, Joseph, 4,528,011, Cl. 65-30.130.
Simmons, Joseph H.: *See—*
Tran, Danh C.; Macedo, Pedro B.; Simmons, Joseph H.; Simmons, Catherine J.; and Lagakos, Nicholas, 4,544,499, Cl. 252-629.000.
Simmons, Lacy W. Poultry oil sac removal method and apparatus. 4,532,676, 8-6-85, Cl. 17-45.000.
Simmons, Lacy W. Poultry processing method and apparatus. 4,550,473, 11-5-85, Cl. 17-11.000.
Simmons, Lovel R. Ejector wagon. 4,516,904, 5-14-85, Cl. 414-517.000.
Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., to GTE Automatic Electric Laboratories Incorporated. Space stage arrangement for a T-S-T digital switching system. 4,520,478, 5-28-85, Cl. 370-63.000.
Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., to GTE Automatic Electric Laboratories Incorporated. Modular space stage arrangement for a T-S-T digital switching system. 4,524,441, 6-18-85, Cl. 370-63.000.
Simmons, Nathaniel; Puccini, Sergio E.; Magnusson, Stig E.; and Parikh, Kamal I., to GTE Automatic Electric Laboratories Incorporated. Modularly expandable space stage for a T-S-T digital switching system. 4,524,442, 6-18-85, Cl. 370-63.000.
Simmons, Nathaniel; and Parikh, Kamal I., to GTE Automatic Electric Laboratories Incorporated. Interface arrangement for buffering communication information between a transmitting and receiving stage of a time-space-time digital switching system. 4,525,831, 6-25-85, Cl. 370-63.000.
Simmons, Ralph F.: *See—*
Jackson, Bruce J.; Simmons, Ralph F.; and Covault, Mike L., 4,555,740, Cl. 360-113.000.
Simmons, Richard J., to Plastofilm Industries, Inc. Stackable shipping and display container. 4,550,837, 11-5-85, Cl. 211-126.000.
Simmons, Robert N. X-ray and photographic viewer. 4,550,515, 11-5-85, Cl. 40-362.000.
Simmons, Roy, to Rolls-Royce Limited. Turbine overspeed limiter for turbomachines. 4,505,104, 3-19-85, Cl. 60-39.091.
Simmons, Stanley J. Flexible brush. 4,554,699, 11-26-85, Cl. 15-201.000.
Simmons U.S.A. Corporation: *See—*
Dillon, Paul J.; and Stumpf, Walter, 4,519,107, Cl. 5-261.000.
Stumpf, Walter, 4,491,491, Cl. 156-73.300.
Stumpf, Walter; and Dillon, Paul, 4,523,344, Cl. 5-477.000.
Simmons Universal Corporation: *See—*
Martin, Kelly D., 4,534,077, Cl. 5-424.000.
Miller, Robert E.; Russo, Joseph L.; Sonder, Richard; and Soni, Abraham H., 4,494,259, Cl. 5-66.000.
Simmons, Walter J., to Du Pont de Nemours, E. I., and Company. Constant-flow-rate dual-unit pump. 4,543,044, 9-24-85, Cl. 417-342.000.
Simms, Charles C., to United States of America, Navy. Retrieval tool for socket contacts. 4,498,233, 2-12-85, Cl. 29-747.000.
Simms, Douglas P.; and Dobbs, Joseph M., to Mississippi Chemical Corporation. Coating agent for particulate materials. 4,521,239, 6-4-85, Cl. 71-27.000.
Simms, John A.: *See—*
Lindsey, Roland G.; and Simms, John A., 4,510,298, Cl. 526-87.000.
Simms, R. John; and Haney, Jerry D., to Oxbridge, Inc. Automatic optical inspection apparatus. 4,509,075, 4-2-85, Cl. 358-106.000.
Simms, Robert A. Polarized glass. 4,549,795, 10-29-85, Cl. 351-163.000.
Simnad, Massoud T., to GA Technologies Inc. Uranium thorium hydride nuclear fuel. 4,493,809, 1-15-85, Cl. 376-171.000.
Simnar, Inc.: *See—*
Molnar, Robert, 4,551,885, Cl. 17-59.000.
Simo, Jan: *See—*
Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.
Simo, Miroslav A. Arrowhead. 4,529,208, 7-16-85, Cl. 273-422.000.
Simo, Miroslav A. Archery bow. 4,530,342, 7-23-85, Cl. 124-24.00R.
Simo, Miroslav A. Laterally adjustable arrow rest for an archery bow. 4,548,188, 10-22-85, Cl. 124-41.00A.
Simo, Thomas; Eisenlohr, Karl-Heniz; and Puxbaumer, Hans-Hermann, to Metallgesellschaft Aktiengesellschaft. Process of converting nondistillable residues of mixed-base or paraffin-base crude hydrocarbon oils. 4,500,415, 2-19-85, Cl. 208-56.000.
Simojyo, Tetuzi: *See—*
Harada, Mineo; Simojyo, Tetuzi; and Furuya, Kaname, 4,548,522, Cl. 400-124.000.
Simon, Attila: *See—*
Gomory, Pal; Hegedus, Janos; Kiss, Ferenc; and Simon, Attila, 4,541,488, Cl. 166-307.000.
Simon, B. Kenneth. Package for hazardous materials. 4,560,069, 12-24-85, Cl. 206-591.000.
Simon, Clarence E.: *See—*
Anderson, Clifford E.; Simon, Clarence E.; and Barnes, Phillip E., 4,555,084, Cl. 248-460.000.
Simon, Daniel, to Jeumont-Schneider Corporation. Rotary optical connector. 4,530,567, 7-23-85, Cl. 350-96.200.
Simon, Donald J., to Maytag Company, The. Cooling system for an induction cooking cartridge. 4,549,052, 10-22-85, Cl. 219-10.49R.
Simon, Donald R., to Prutec Limited. Thin-film, high pressure fuel cell. 4,513,066, 4-23-85, Cl. 429-42.000.
Simon, Earl: *See—*
Black, John W.; Shupe, Richard D.; and Simon, Earl, 4,537,570, Cl. 425-450.100.
Simon Engineering Dudley Limited: *See—*
Ashworth, Denis H., 4,536,009, Cl. 280-755.000.
Simon, Frederick A.; and Forcey, Thomas H., to Ford Motor Company. Retainer for radio receiver. 4,550,944, 11-5-85, Cl. 296-70.000.
Simon, Frederick A.: *See—*
Hayosh, Robert J.; Lewis, Robert H.; and Simon, Frederick A., 4,508,280, Cl. 242-191.000.
Simon, Fritz; Korber, Klaus; Bandelow, Horst; Scherer, Michael; Wilke, Dieter; Thron, Werner; and Preuk, Gerhard, to VE Fleischkombinat Berlin. Method of treating pigskin. 4,554,707, 11-26-85, Cl. 17-47.000.
Simon, Gilbert I.; and Witkin, Roy T. Chemotherapeutic method for treating periodontal disease. 4,521,403, 6-4-85, Cl. 424-51.000.
Simon Greenberg Foundation, The: *See—*
Labows, John N., Jr.; Webster, Guy; and McGinley, Kenneth J., 4,542,097, Cl. 435-126.000.
Simon-Hartley Limited: *See—*
Atkinson, Bernard; Black, Geoffrey M.; Pinches, Anthony; and Lewis, Paul J. S., 4,498,985, Cl. 210-151.000.
Atkinson, Bernard; Black, Geoffrey M.; Pinches, Anthony; and Lewis, Paul J. S., 4,545,909, Cl. 210-618.000.
Simon, Jaime; Crump, Druce K.; and Wilson, David A., to Dow Chemical Company, The. Metal ion control compounds based on norbornane. 4,500,469, 2-19-85, Cl. 260-502.50E.
Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., to Dow Chemical Company, The. Radioactive metals complexed with phosphonate derivatives of bicycloheptane bis(alkylamines). 4,508,704, 4-2-85, Cl. 424-14.000.
Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., to Dow Chemical Company, The. Radioactive metals complexed with phosphonate derivatives of dicyclopentadienebis(methylamine). 4,515,767, 5-7-85, Cl. 424-1.100.
Simon, Jaime; Wilson, David A.; Volkert, Wynn A.; and Crump, Druce K., to Dow Chemical Company, The. Bone seeking Tc-99m complexes of phosphonate derivatives of bis(aminoalkyl)piperazine. 4,560,548, 12-24-85, Cl. 424-1.100.
Simon, Jaime: *See—*
Crump, Druce K.; Simon, Jaime; and Wilson, David A., 4,500,356, Cl. 106-90.000.
Simon, James D.: *See—*
Green, Robert H.; and Simon, James D., 4,522,240, Cl. 144-193.00E.
Simon, James F., to Raytheon Company. Connector holder assembly. 4,493,521, 1-15-85, Cl. 339-92.00M.
Simon, James F., to Raytheon Company. Temperature/pressure compensation structure. 4,531,468, 7-30-85, Cl. 114-21.00A.
Simon, James R.; and Welburn, David J., to CXA Ltd. Reinforced explosive shock tube. 4,493,261, 1-15-85, Cl. 102-331.000.
Simon, Joachim W., to Nixdorf Computer AG. PCM communication system and method of operation. 4,509,166, 4-2-85, Cl. 370-62.000.
Simon, John: *See—*
Sweatman, Ronald E.; Freeman, Earl R.; Gottschling, John; and Simon, John, 4,512,405, Cl. 166-278.000.
Simon-Johnson, Inc.: *See—*
Bonuchi, James A.; and Criscione, Frank J., II, 4,561,148, Cl. 17-11.000.
Simon, Jules A.; Young, John A.; Ford, Michael D.; and Bourgeois, Harold C., to Drilling Waste, Incorporated. Process for handling waste from oil well operations. 4,507,208, 3-26-85, Cl. 210-721.000.
Simon, Kalman: *See—*
Martinko, Matyas; Elekes, Andras; Simon, Kalman; Bohnert, Jozef; Nemeth, Janos; Bole, Karoly; and Ilyes, Zoltan, 4,547,098, Cl. 405-291.000.
Simon, Lionel N.: *See—*
Hadden, John W.; Simon, Lionel N.; and Giner-Sorolla, Alfredo, 4,510,144, Cl. 514-257.000.
Simon, Manfred; Spiess, Karl-Heinz; and Weiss, Richard, to Dynamit Nobel Aktiengesellschaft. Forgery-proof flat article of a synthetic resin, and process for the production thereof. 4,520,063, 5-28-85, Cl. 428-195.000.

Simon, Myron S.; and Waller, David P., to Polaroid Corporation. Photographic products and processes with color shifted dye. 4,535,051, 8-13-85, Cl. 430-222.000.
Simon, Paul R.: *See—*
  Flassayer, Claude; Le Grives, Bernard; and Simon, Paul R., 4,525,238, Cl. 156-645.000.
Simon, Phyllis M.: *See—*
  Beals, Penny L.; Simon, Phyllis M.; and Campbell, Bruce D., 4,557,550, Cl. 350-96.150.
Simon, Ralph, to Chevron Research Company. Miscible displacement drive for enhanced oil recovery in low pressure reservoirs. 4,512,400, 4-23-85, Cl. 166-245.000.
Simon, Udo. Device for storing and dispensing drug doses. 4,526,474, 7-2-85, Cl. 368-10.000.
Simon, Ulrich; and Beutel, Rainer, to Hoechst Aktiengesellschaft. Aqueous-alkaline solution and process for developing positive-working reproduction layers. 4,530,895, 7-23-85, Cl. 430-145.000.
Simon, Ulrich: *See—*
  Erdmann, Fritz; and Simon, Ulrich, 4,555,469, Cl. 430-168.000.
Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., to Thomas A. Schutz Co., Inc. Modular display for cigarette packs. 4,494,658, 1-22-85, Cl. 211-49.00R.
Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., to Thomas A. Schutz Co., Inc. Modular display for cigarette packs. 4,537,316, 8-27-85, Cl. 211-133.000.
Simon, Virgil S.; Gutowsky, Arthur C.; and Haluzak, Nestor T., to Thomas A. Schutz Co., Inc. Apparatus for mounting a device on a slotted post. 4,549,712, 10-29-85, Cl. 248-224.400.
Simon, Walter: *See—*
  Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., 4,524,695, Cl. 102-430.000.
Simon, William: *See—*
  Cantwell, Thomas; Simon, William; and Young, Bobby, 4,557,139, Cl. 73-40.700.
Simond, Jacques A. L.: *See—*
  Combourieu, Michel; Simond, Jacques A. L.; and Monteil, Andre J., 4,555,514, Cl. 514-343.000.
Simonds, Edward. Fuel impact device. 4,497,750, 2-5-85, Cl. 261-64.00C.
Simone, Andre A.: *See—*
  Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, 4,547,284, Cl. 208-50.000.
Simone, Dominic: *See—*
  Brauer, Melvin; and Simone, Dominic, 4,535,142, Cl. 528-75.000.
Simoneau, Raynald; Pelletier, Jean-Marc; Di Vincenzo, Antonio; and Boillot, Jean-Paul, to Hydro-Quebec. Protection circuit against electric shocks during welding. 4,514,615, 4-30-85, Cl. 219-132.000.
Simonelli, Robert J.: *See—*
  Russell, Frank S.; and Simonelli, Robert J., 4,524,597, Cl. 72-135.000.
  Russell, Frank S.; and Simonelli, Robert J., 4,528,831, Cl. 72-131.000.
Simonet, Guy; and Hay, Leon, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Adsorption processes. 4,512,778, 4-23-85, Cl. 55-26.000.
Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. 5-substituted-4-oxo-PGI_1 derivatives, PGI_1 compounds of similar structure, their pharmaceutical methods and process for the preparation of said compounds. 4,520,018, 5-28-85, Cl. 514-469.000.
Simonin, Philippe. Method of skin treatment and device for carrying out the said method. 4,522,210, 6-11-85, Cl. 128-421.000.
Simonnot, Jack: *See—*
  Jardinier, Pierre; and Simonnot, Jack, 4,515,308, Cl. 236-49.000.
Simons, Barbara B.: *See—*
  Halpern, Joseph Y.; Simons, Barbara B.; and Strong, Hovey R., 4,531,185, Cl. 364-200.000.
Simons, Michael J.: *See—*
  Clark, Bernard A.; Simons, Michael J.; and Holstead, Colin, 4,504,568, Cl. 430-203.000.
Simons, Peter W., to Orbital Engine Company Proprietary Limited. Control of fuel injection apparatus for internal combustion engines. 4,561,405, 12-31-85, Cl. 123-531.000.
Simons, Samuel, to Dana Corporation. Method of welding aluminum driveshaft components. 4,542,280, 9-17-85, Cl. 219-137.0WM.
Simons, Stephen W. Motorcycle fork. 4,561,669, 12-31-85, Cl. 280-276.000.
Simonsen, Knud; and Holan, Mirek. Vacuum agitator for meat products. 4,522,118, 6-11-85, Cl. 99-472.000.
Simonsen, Knud: *See—*
  Norrie, Lyle W.; Snider, Robert W.; and Simonsen, Knud, 4,498,378, Cl. 99-472.000.
Simonsen Laboratories, Inc.: *See—*
  Russell, James D., 4,554,158, Cl. 424-89.000.
Simonson, John L.: *See—*
  Marinak, Michael J.; and Simonson, John L., 4,497,955, Cl. 546-345.000.
  Marinak, Michael J.; and Simonson, John L., 4,507,486, Cl. 546-345.000.
  Marinak, Michael J.; and Simonson, John L., 4,515,953, Cl. 546-345.000.
  Marinak, Michael J.; and Simonson, John L., 4,517,369, Cl. 546-345.000.
Simonsson, Berit I.: *See—*
  Lundin, Claes O. A.; and Simonsson, Berit I., 4,499,250, Cl. 526-209.000.
  Lundin, Claes O. A.; and Simonsson, Berit I., 4,547,481, Cl. 502-160.000.
Simonton, Robert D. Primary flat cell. 4,505,996, 3-19-85, Cl. 429-162.000.
Simonton, Robert D. Connector aperture seal for a galvanic cell. 4,525,439, 6-25-85, Cl. 429-162.000.
Simonton, Robert D. Flat cell battery connector seal. 4,554,226, 11-19-85, Cl. 429-153.000.
Simonyi, Miklos: *See—*
  Kardos, Julianna; Maksay, Gabor; and Simonyi, Miklos, 4,528,131, Cl. 260-112.00R.
Simoulin, Danielle: *See—*
  Falgoux, Daniel; Simoulin, Danielle; and Pascal-Mousselard, Michel, 4,543,430, Cl. 568-678.000.
Simovits, Stephen S., Jr., to American Plasticraft Company. Variable resistance assembly with improved contactor knob. 4,492,950, 1-8-85, Cl. 338-162.000.
Simpkin, Dennis J.: *See—*
  Marsh, John F.; Cleverley, John A.; and Simpkin, Dennis J., 4,557,872, Cl. 260-504.00A.
Simpkins, F. Richard: *See—*
  Ziegler, Michael J.; and Simpkins, F. Richard, 4,553,999, Cl. 65-84.000.
Simpkins, Otto K. Electronic flow meter for measuring flow of bulk solids pneumatically conveyed through a hose. 4,519,257, 5-28-85, Cl. 73-861.040.
Simpkins, Terry J.: *See—*
  Leeper, Marvin A.; Turner, Richard L.; and Simpkins, Terry J., 4,516,805, Cl. 297-330.000.
Simplex Ceiling Corporation: *See—*
  Nassof, Martin, 4,549,375, Cl. 52-39.000.
Simplex-GE Limited: *See—*
  Ireland, Hugh C., 4,516,814, Cl. 339-7.000.
Simplex Time Recorder Co.: *See—*
  Golarz, Jeffrey, 4,542,286, Cl. 235-377.000.
Simplex Wire & Cable Company: *See—*
  Fontaine, Gregory N.; and Traut, Richard T., 4,504,695, Cl. 174-21.00R.
Simplicity Manufacturing, Inc.: *See—*
  Schemelin, Michael P.; Kaminski, Tony L.; and Shupert, Paul T., 4,532,755, Cl. 56-16.600.
Simplimatic Engineering Co.: *See—*
  Wiseman, John A., 4,543,767, Cl. 53-76.000.
Simpson, Anthony; Peterkin, Stuart M.; Brooksby, Brian T.; and Murray, Harold J., to Detras Training Aids Limited. Target apparatus for weapon fire training. 4,538,991, 9-3-85, Cl. 434-12.000.
Simpson, Anthony Y., to Textron, Inc. Surface effect ship stern seal. 4,494,473, 1-22-85, Cl. 114-67.00A.
Simpson, Buddy B. Sound level indicating devices. 4,509,189, 4-2-85, Cl. 381-56.000.
Simpson, Carolyn N.; and Perry, John A. Tamper-proof wrap. 4,516,679, 5-14-85, Cl. 206-459.000.
Simpson, Clyde B.: *See—*
  McKaba, William; and Simpson, Clyde B., 4,530,830, Cl. 424-71.000.
Simpson, Daniel G.: *See—*
  Canada, Ronald G.; Piety, Kenneth R.; Simpson, Daniel G.; and Pardue, E. Forrest, 4,520,674, Cl. 73-660.000.
Simpson, Donald C., to Dresser Industries, Inc. Electropneumatic transducer system. 4,527,583, 7-9-85, Cl. 137-82.000.
Simpson, Floyd H. Two-piece ear tag removing tool. 4,507,839, 4-2-85, Cl. 29-268.000.
Simpson, Frank F.: *See—*
  Flack, John H., deceased; and Simpson, Frank F., 4,497,380, Cl. 173-117.000.
Simpson, Grainger I., Jr.: *See—*
  Huerta, Jose L.; Rachui, Roy A.; Roberts, James E.; and Simpson, Grainger I., Jr., 4,511,135, Cl. 271-126.000.
Simpson, Harold, to Ashland Products Company. Latch for pivotal sash window. 4,553,353, 11-19-85, Cl. 49-161.000.
Simpson, Harold G.; and Hollman, Bert D., to Nucor Corporation. Standing seam metal roof assembly. 4,497,151, 2-5-85, Cl. 52-520.000.
Simpson, Harold G., to Encon Products, Inc. Structural bracing system. 4,503,653, 3-12-85, Cl. 52-664.000.
Simpson, Harold G., to Encon Products, Inc. Insulation and paneling apparatus and method. 4,516,371, 5-14-85, Cl. 52-269.000.
Simpson, Harold G.; and Neyer, Leo E., to Encon Products, Inc. Method for installing a roof system positionable over an existing roof structure. 4,520,610, 6-4-85, Cl. 52-745.000.
Simpson, Harold G., to Encon Products, Inc. Structural bracing system. 4,524,554, 6-25-85, Cl. 52-693.000.
Simpson, Harold G., to Encon Products, Inc. Support spacer apparatus for a built-up roof. 4,525,967, 7-2-85, Cl. 52-404.000.
Simpson, Harold G., to Encon Products, Inc. Method and apparatus for assembling standing seam roofs. 4,525,976, 7-2-85, Cl. 52-748.000.
Simpson, Harold G.; and Neyer, Leo E., to Nucor Corporation. Dual gutter assembly for prefabricated buildings. 4,528,784, 7-16-85, Cl. 52-14.000.
Simpson, Harold G., to Encon Products, Inc. Insulated roof system. 4,528,789, 7-16-85, Cl. 52-404.000.
Simpson, Harold G.; and Neyer, Leo E., to Encon Products, Inc. Adjustable roofing support spacer apparatus and erection method. 4,534,148, 8-13-85, Cl. 52-640.000.

- Simpson, Howard D.; Richardson, Ryden L.; and Baron, Kenneth, to Union Oil Company of California. Desulfurization catalyst and process. 4,500,424, 2-19-85, Cl. 208-216.0PP.
- Simpson, Howard D.; Richardson, Ryden L.; and Angmorter, Paul K., to Union Oil Company of California. Hydrotreating process. 4,540,483, 9-10-85, Cl. 208-216.0PP.
- Simpson, Howard D., to Union Oil Company of California. Hydrocarbon processing. 4,548,710, 10-22-85, Cl. 208-216.0PP.
- Simpson, Howard D.: *See*—
  - Angmorter, Paul K.; Simpson, Howard D.; and Richardson, Ryden L., 4,513,097, Cl. 502-211.000.
- Simpson Industries, Inc.: *See*—
  - Ferguson, Robert J., 4,551,115, Cl. 464-83.000.
- Simpson, Jack R., to Container Graphics Corporation. Rotary cutting die with scrap ejection. 4,499,802, 2-19-85, Cl. 83-117.000.
- Simpson, Jack R.: *See*—
  - Saunders, Philip G.; and Simpson, Jack R., 4,522,095, Cl. 83-116.000.
- Simpson, James E., to United States of America, Air Force. Bipolar digitizer having compression capability. 4,528,549, 7-9-85, Cl. 340-347.0AD.
- Simpson, James E.: *See*—
  - Bucksbaum, Arnold M.; and Simpson, James E., 4,511,779, Cl. 219-10.55E.
- Simpson, James K., to Gurtler, Hebert & Co., Inc. Anti-twist control system for deviated conductor driving systems. 4,497,372, 2-5-85, Cl. 166-381.000.
- Simpson, Jay P.: *See*—
  - Walker, Thad O.; Simpson, Jay P.; and Dearing, Harry L., 4,508,628, Cl. 252-8.50P.
- Simpson, Jay R.: *See*—
  - Ashkin, Arthur; Dziedzic, Joseph M.; Simpson, Jay R.; and Stolen, Rogers H., 4,529,262, Cl. 350-96.150.
  - Howard, Richard E.; Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,515,436, Cl. 350-96.330.
  - Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,529,426, Cl. 65-3.110.
- Simpson, John A.: *See*—
  - Botwin, Leo; and Simpson, John A., 4,502,649, Cl. 244-3.100.
- Simpson, Larry W.: *See*—
  - Bluestein, Leo I.; Crandell, Paul E.; Drake, David A.; Jedynak, Leo; and Simpson, Larry W., 4,531,021, Cl. 178-22.080.
  - Wechselberger, Anthony J.; Bluestein, Leo I.; Jedynak, Leo; Drake, David A.; and Simpson, Larry W., 4,531,020, Cl. 178-22.080.
- Simpson, Loran R.: *See*—
  - Barton, Delmar O.; and Simpson, Loran R., 4,511,130, Cl. 270-54.000.
- Simpson, Marc L.; and McNeilly, David R., to United States of America, Energy. Light-operated proximity detector with linear output. 4,516,020, 5-7-85, Cl. 250-214.00L.
- Simpson, Neville H.; Dosemagen, Thomas H.; and Dirks, David E., to AMSTED Industries Incorporated. Plastic encapsulated wire rope. 4,490,969, 1-1-85, Cl. 57-217.000.
- Simpson, Philip A., to Rolls-Royce Limited. Aeroengine test cells. 4,537,066, 8-27-85, Cl. 73-117.400.
- Simpson, Raymond A., Jr. Water driven scrubber for hand held shower head. 4,509,221, 4-9-85, Cl. 15-29.000.
- Simpson, Raymond W., to Prutec Limited. Manchester decoder. 4,525,848, 6-25-85, Cl. 375-87.000.
- Simpson, Richard D., to Texas Instruments Incorporated. Microcomputer with high speed program memory. 4,494,187, 1-15-85, Cl. 364-200.000.
- Simpson, Richard D. Level detector circuit for microcomputer devices. 4,558,232, 12-10-85, Cl. 307-351.000.
- Simpson, Robert A.; Trotter, Ralph R.; and Weber, Edward V., to International Business Machines Corporation. Alignment technique. 4,546,260, 10-8-85, Cl. 250-491.100.
- Simpson, Robert E., to United States of America, Interior. Machine for mixing and injecting water and grout into a roof bolt hole. 4,497,578, 2-5-85, Cl. 366-42.000.
- Simpson, Roger A., to Emhart Industries, Inc. Fire alarm pull station. 4,551,707, 11-5-85, Cl. 340-287.000.
- Simpson, Roger T.: *See*—
  - Rademacher, Darrell; Neville, Thomas; and Simpson, Roger T., 4,519,088, Cl. 377-16.000.
- Simpson, Roy G., to Adams Plastics, Inc. Control halter with sliding headpiece. 4,495,752, 1-29-85, Cl. 54-24.000.
- Simpson, Roy G., to Adams Plastics, Inc. Control halter. 4,495,753, 1-29-85, Cl. 54-24.000.
- Simpson, Scott S.; Yeznach, Anthony; and Barton, Carlos L., to Rogers Corporation. Epoxy foam. 4,546,118, 10-8-85, Cl. 521-130.000.
- Simpson Strong-Tie Company, Inc.: *See*—
  - Gilb, Tyrell T., 4,498,801, Cl. 403-232.100.
  - Gilb, Tyrell T., 4,560,301, Cl. 403-232.100.
- Simpson, Thomas K.: *See*—
  - von Lersner, Wolf A.; Cheeseman, Edward W.; Simpson, Thomas K.; and Weaver, George R., 4,554,955, Cl. 141-1.000.
- Simpson, Timothy J. Automatically opening decorative fire extinguisher cover. 4,548,274, 10-22-85, Cl. 169-51.000.
- Simpson, Verne G.: *See*—
  - Evans, Edwin R.; Pate, Kevin T.; Rattner, Jerome E.; and Simpson, Verne G., 4,529,774, Cl. 524-860.000.
- Simpson, Wayne F., to Shell Oil Company. Fireproof boom. 4,537,528, 8-27-85, Cl. 405-72.000.
- Simpson, William B., Jr.; Lundy, David F.; Parnell, R. L.; Snodgrass, Charles W.; Miller, Edward B.; and Harvey, John M., to Metro Materials Corporation. Composition and process to create foaming slag cover for molten steel. 4,528,035, 7-9-85, Cl. 75-257.000.
- Simpson, William E., Jr., to Lockheed Corporation. Flow limiting selector valve. 4,503,886, 3-12-85, Cl. 137-596.000.
- Sims, Bernard: *See*—
  - Chow, San-Laung; and Sims, Bernard, 4,515,810, Cl. 514-530.000.
- Sims, Cecil W.; and Hill, Arthur, to Sundstrand Corporation. Voltage regulator with independent peak and average voltage sensing. 4,559,487, 12-17-85, Cl. 322-24.000.
- Sims, Darrell E.: *See*—
  - Agius, Frank P.; and Sims, Darrell E., 4,533,284, Cl. 408-92.000.
- Sims, Dewey M., Jr., to Northern Telecom Limited. Switch and optical sensor assembly for recorder. 4,511,936, 4-16-85, Cl. 360-69.000.
- Sims, Dewey M., Jr., to Northern Telecom Limited. Method and an apparatus for extracting tape from a tape cartridge of the internal belt-drive type. 4,514,774, 4-30-85, Cl. 360-95.000.
- Sims, George J. Concrete form holders. 4,494,725, 1-22-85, Cl. 249-219.00R.
- Sims, James O. Method of manufacture of hydraulic cylinders utilizing bronze overlays for engaging surfaces. 4,494,294, 1-22-85, Cl. 29-412.000.
- Sims, James O. Rotary pump assembly container. 4,509,897, 4-9-85, Cl. 415-113.000.
- Sims, Larry A.: *See*—
  - Grossmann, Frederic; and Sims, Larry A., 4,545,371, Cl. 128-132.00D.
- Sims, Ronald I.: *See*—
  - Codd, Roger D.; Sims, Ronald I.; Olive, Robert B.; and Jobanputra, Amit S., 4,558,281, Cl. 324-433.000.
- Simshauser, Elvin D., to RCA Corporation. Stylus lapping control. 4,561,215, 12-31-85, Cl. 51-165.750.
- Simson, Dionizy, to Sulzer Brothers Limited. Apparatus for collecting waste from a textile machine. 4,532,860, 8-6-85, Cl. 100-90.000.
- Simula Inc.: *See*—
  - Desjardins, Stanley P.; and Warrick, James C., 4,509,621, Cl. 188-372.000.
- Sinano Denki Kabushiki Kaisha: *See*—
  - Shiraki, Manabu; Nakajima, Akihiro; and Miyazawa, Takashi, 4,499,420, Cl. 324-174.000.
- Sinar AG Schaffhausen: *See*—
  - Gfeller, Karl; and Datwyler, Peter, 4,523,824, Cl. 354-161.000.
- Sinberg, Howard: *See*—
  - Binks, Ronald; Rehak, Anthony S.; and Sinberg, Howard, 4,533,792, Cl. 179-84.00C.
- Sincerbox, Glenn T., to International Business Machines Corporation. Holographic optical head. 4,497,534, 2-5-85, Cl. 350-3.720.
- Sincerbox, Glenn T., to International Business Machines Corporation. Opto-optical light deflector/modulator. 4,540,244, 9-10-85, Cl. 350-354.000.
- Sincerbox, Glenn T.: *See*—
  - Bjorklund, Gary C.; and Sincerbox, Glenn T., 4,533,211, Cl. 350-162.120.
- Sinclair, A. Richard: *See*—
  - Graham, John W.; and Sinclair, A. Richard, 4,518,039, Cl. 166-276.000.
  - Graham, John W.; and Sinclair, A. Richard, 4,527,627, Cl. 166-280.000.
  - Graham, John W.; and Sinclair, A. Richard, 4,553,596, Cl. 166-295.000.
- Sinclair, Anthony P.: *See*—
  - Jones, James F.; Ashby, Ronald E.; and Sinclair, Anthony P., 4,528,837, Cl. 72-391.000.
- Sinclair, David P., to Standard Oil Company (Indiana). Copolymers of hydroxymethylbenzoic acid and lactam. 4,528,361, 7-9-85, Cl. 528-323.000.
- Sinclair, Franklin H.; and Glockner, Gary, to Westlock Controls Corporation. Indicator assembly. 4,494,565, 1-22-85, Cl. 137-555.000.
- Sinclair, Franklin H.; and Glockner, Gary, to Westlock Controls Corporation. Indicator assembly. 4,494,566, 1-22-85, Cl. 137-556.000.
- Sinclair, Graham R. Aircraft landing wheel rotating means. 4,491,288, 1-1-85, Cl. 244-103.00S.
- Sinclair, Iain. Electronic completing the square game. 4,513,973, 4-30-85, Cl. 273-237.000.
- Sinclair, J. Andrew, to Zimm Zamm AG. Shuttlecock. 4,538,818, 9-3-85, Cl. 273-417.000.
- Sinclair, Paul L., to Schlumberger Technology Corporation. Digital induction logging system including means for generating a plurality of transmitter frequencies. 4,499,421, 2-12-85, Cl. 324-339.000.
- Sinclair, Paul L., to Schlumberger Technology Corporation. Digital induction logging tool including means for compensating for phase shift errors. 4,499,422, 2-12-85, Cl. 324-339.000.
- Sinclair Research Limited: *See*—
  - Beesley, Graham E., 4,555,677, Cl. 330-302.000.
- Sinclair, Richard G.: *See*—
  - Erbstoesser, Steven R.; Cooke, Claude E., Jr.; Sinclair, Richard G.; and Epstein, Michael M., 4,526,695, Cl. 252-8.55R.
- Sinclair, Robert A.: *See*—
  - Brown-Wensley, Katherine A.; and Sinclair, Robert A., 4,537,942, Cl. 528-12.000.
- Sinclair, Robert I.: *See*—
  - Petcen, Donald H.; and Sinclair, Robert I., 4,540,532, Cl. 264-1.100.
- Sinclair, Ronald R.; and Nussdorfer, Theodore J., to Sanders Associates, Inc. Infrared target seeker for spinning projectile. 4,561,611, 12-31-85, Cl. 244-3.160.

- Sinclair, Ronald R.: *See—*
  - Sebestyen, George; Sinclair, Ronald R.; Smith, John A.; Sands, Timothy B.; and Nussdorfer, Theodore J., 4,512,537, Cl. 244-3.210.
- Sinclair & Rush, Inc.: *See—*
  - Ventimiglia, Joseph J.; and Diener, Lawrence R., 4,534,391, Cl. 150-52.00R.
- Sinclair, Stuart W., to Anderson, Clayton & Co. Load carrying clamp attachment for a lift truck. 4,556,359, 12-3-85, Cl. 414-621.000.
- Sinclair, Walter, to Lucas Industries Public Limited Company. Low current linear/high current chopper voltage regulator. 4,502,152, 2-26-85, Cl. 455-73.000.
- Sinclair, William Y., to Aries Electronics, Inc. Ejector socket for DIP jumpers. 4,531,795, 7-30-85, Cl. 339-45.00M.
- Sindall, John H.: *See—*
  - Atherton, John R.; Sindall, John H.; and Heathcock, Osmond R., 4,532,997, Cl. 169-56.000.
- Sindel, Allen W., to Combustion Engineering, Inc. Joining parallel faces of thick-walled structures by arc welding. 4,539,464, 9-3-85, Cl. 219-137.00R.
- Sinden, Leon. Portable wood splitter. 4,501,309, 2-26-85, Cl. 144-193.00A.
- Sindorf, Heinz: *See—*
  - Lennartz, Rudiger; Rott, Willi; and Sindorf, Heinz, 4,518,501, Cl. 210-411.000.
- Sindoris, Arthur R.: *See—*
  - Campi, Morris; and Sindoris, Arthur R., 4,521,781, Cl. 343-700.0MS.
- Sinelschikov, Andrei K.: *See—*
  - Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.
- Sines, John C.: *See—*
  - Peterson, William A.; and Sines, John C., 4,498,128, Cl. 363-21.000.
- Sines, Thomas E.; and Chermey, Yvette L. Battery-powered wheeled vehicle. 4,527,648, 7-9-85, Cl. 180-6.500.
- Sing Chuen, Johnny Y.: *See—*
  - D'Andrade, Bruce M.; and Sing Chuen, Johnny Y., 4,508,516, Cl. 446-443.000.
- Singer, Alfred R. E., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the, of Whitehall. Solid metal articles from built up splat particles. 4,515,864, 5-7-85, Cl. 428-546.000.
- Singer, Anthony E.: *See—*
  - Runkel, Manfred A.; Hsu, William W.; Singer, Anthony E.; and Zlotski, William J., 4,526,058, Cl. 74-531.000.
- Singer, Arnold J.: *See—*
  - Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, 4,491,576, Cl. 424-78.000.
  - Lover, Myron J.; Singer, Arnold J.; Lynch, Donald M.; and Rhodes, William E., III, 4,497,831, Cl. 514-717.000.
- Singer, Arnold M.: *See—*
  - Oliver, John E., Jr.; and Singer, Arnold M., 4,515,699, Cl. 252-8.55R.
  - Oliver, John E., Jr.; and Singer, Arnold M., 4,528,102, Cl. 210-705.000.
- Singer, Barry M.: *See—*
  - Arnold, Emil; and Singer, Barry M., 4,542,405, Cl. 358-111.000.
- Singer, Bernard S.: *See—*
  - Reinhard, George G.; Kinde, Ronald; and Singer, Bernard S., 4,517,926, Cl. 123-3.000.
- Singer Company, The: *See—*
  - Barrett, Michael E.; Koon, Randy G.; and Laughon, Thomas C., 4,510,404, Cl. 310-50.000.
  - Barthel, Richard C.; and Roy, Richard D., 4,521,722, Cl. 318-578.000.
  - Beller, Wilbert E.; and Mateja, Edward J., 4,526,041, Cl. 73-861.470.
  - Beller, Wilbert E.; Georgacakis, George D.; and Obermann, George, 4,533,803, Cl. 200-153.00K.
  - Blackwood, John; Graham, Thomas G.; and Brauch, Robert B., 4,499,839, Cl. 112-317.000.
  - Brauch, Robert B., 4,526,118, Cl. 112-315.000.
  - Brauch, Robert B.; and Mihovch, John, 4,553,491, Cl. 112-465.000.
  - Burns, Richard H.; Hall, William M.; and Hildebrand, Bernard P., 4,500,163, Cl. 350-3.700.
  - Cook, Albert N., 4,503,792, Cl. 112-220.000.
  - Cowdrey, Dennis A., 4,493,647, Cl. 434-2.000.
  - Creed, Gerald J., 4,515,099, Cl. 112-279.000.
  - Dicke, William C., 4,512,691, Cl. 408-201.000.
  - Dicke, William C., 4,527,360, Cl. 51-170.0TL.
  - Duve, John P., 4,536,627, Cl. 200-38.00R.
  - Fisher, Robert A.; and Peters, David L., 4,518,360, Cl. 434-20.000.
  - Fortunato, Alfred R.; Millard, Maurice; and Trzeciak, John R., 4,511,337, Cl. 434-43.000.
  - Frampton, Victor A.; Drake, James R.; and Slump, William R., 4,532,516, Cl. 343-17.700.
  - Franke, John M., Sr., 4,517,907, Cl. 112-121.150.
  - Franke, John M., Sr., 4,553,745, Cl. 270-45.000.
  - Galus, Dean M.; and Sill, Brian E., 4,504,233, Cl. 434-45.000.
  - Galuschak, George; and Stomber, Richard J., 4,512,086, Cl. 33-324.000.
  - Giaimo, Anthony; Larsen, Robert H.; and Rodda, Donald, 4,545,311, Cl. 112-254.000.
  - Glore, Thomas G., 4,498,682, Cl. 279-1.00K.
  - Greenwood, Ivan, 4,545,682, Cl. 356-350.000.
  - Herr, John A.; and Jaffe, Wolfgang, 4,495,430, Cl. 310-198.000.
  - Herron, William L.; and Speckman, John D., 4,527,494, Cl. 112-231.000.
  - Hicks, Irwin A.; and Albrecht, Charles W., 4,520,676, Cl. 73-281.000.
  - Hicks, Irwin A., 4,553,433, Cl. 73-273.000.
  - Houser, John, Jr.; and Laughon, Thomas C., 4,513,381, Cl. 364-475.000.
  - Howe, Clarice M.; and Mack, Audrey, 4,509,444, Cl. 112-262.100.
  - Jarvis, Kevin M., 4,545,765, Cl. 434-43.000.
  - Kerr, Alexander F.; and Kiyoshima, Hiroshi, 4,527,497, Cl. 112-313.000.
  - Ketterer, Stanley J., 4,522,133, Cl. 112-112.000.
  - Ketterer, Stanley J., 4,522,135, Cl. 112-199.000.
  - Ketterer, Stanley J., 4,535,711, Cl. 112-199.000.
  - Ketterer, Stanley J., 4,541,350, Cl. 112-254.000.
  - Killinger, Karl H., 4,497,268, Cl. 112-169.000.
  - Killinger, Karl H., 4,503,791, Cl. 112-199.000.
  - Killinger, Karl H., 4,505,213, Cl. 112-315.000.
  - Klopp, Jerome C.; and Willigman, John, 4,560,846, Cl. 200-38.00R.
  - Kuchuris, George F., 4,546,340, Cl. 336-192.000.
  - Laidig, Manfred R., 4,554,878, Cl. 112-235.000.
  - Laing, Gordon E.; Harbeck, Martin E.; Jones, John E.; Sumerau, William R.; and Glenn, William K., III, 4,512,057, Cl. 15-320.000.
  - Larsen, Robert H.; and Odermann, Charles R., 4,506,614, Cl. 112-228.000.
  - Laughon, Thomas C.; Haynes, H. Taylor; Klopach, Robert T.; and Warner, Richard C., 4,546,357, Cl. 343-702.000.
  - Ljung, Bo H. G.; and Stiles, John C., 4,503,543, Cl. 372-94.000.
  - Ljung, Bo H. G.; and Cohen, Hyman, 4,561,780, Cl. 356-350.000.
  - Meacham, Thomas E., Jr., 4,503,883, Cl. 137-458.000.
  - Odermann, Charles R., 4,493,279, Cl. 112-220.000.
  - Odermann, Charles R., 4,503,793, Cl. 112-262.100.
  - Orth, Charles D., 4,523,066, Cl. 200-83.00S.
  - Orth, Charles D.; and Torrence, Robert J., 4,542,852, Cl. 236-92.00B.
  - Pillari, Joseph C.; and Willging, Arthur W., 4,516,076, Cl. 324-418.000.
  - Rasmussen, Donald C., deceased; and Kozel, James A., deceased, 4,500,068, Cl. 251-205.000.
  - Reed, John T., 4,514,347, Cl. 264-32.000.
  - Rodda, Donald; and Odermann, Charles R., 4,524,708, Cl. 112-231.000.
  - Schindel, Arnold, 4,493,997, Cl. 250-231.0SE.
  - Schindel, Arnold; and Higgins, Edward, Jr., 4,536,064, Cl. 350-583.000.
  - Schneider, George W., Jr, 4,498,346, Cl. 73-861.010.
  - Sedlatschek, Robert; and McGann, Leo E., 4,493,808, Cl. 264-108.000.
  - Sedlatschek, Robert; and McGann, Leo E., 4,556,594, Cl. 428-83.000.
  - Shernoff, Donald, 4,536,087, Cl. 356-350.000.
  - Sumerau, William R.; and Laing, Gordon E., 4,514,200, Cl. 55-368.000.
  - Sumerau, William R., 4,516,289, Cl. 15-410.000.
  - Summerfield, Anthony J., 4,538,992, Cl. 434-38.000.
  - Szostak, Jan; Schaeflern, Henry; and Marsh, Walter H. W., 4,497,267, Cl. 112-158.00A.
  - Szostak, Jan; and Schaeflern, Henry, 4,530,298, Cl. 112-315.000.
  - Szostak, Jan; and Fennesz, Frank, Jr., 4,535,710, Cl. 112-459.000.
  - Tancs, Tibor L., 4,555,997, Cl. 112-121.110.
  - Vartoukian, Artin G.; and Moussaian, Gregoire G., 4,552,081, Cl. 112-258.000.
  - Voza, Alfonse N., 4,499,838, Cl. 112-266.100.
  - Wojtanek, Guy A., 4,500,212, Cl. 368-108.000.
  - Wojtanek, Guy A., 4,536,626, Cl. 200-35.00R.
  - Zylbert, Thaddeus J., 4,494,471, Cl. 112-235.000.
  - Zylbert, Thaddeus J.; Fuhrmann, Wolf-Dieter; Hammer, Hans; and Kappertz, Fritz, 4,519,330, Cl. 112-222.000.
  - Zylbert, Thaddeus J., 4,520,743, Cl. 112-255.000.
  - Zylbert, Thaddeus J., 4,559,886, Cl. 112-302.000.
- Singer, Debra L.; McCollum, Gregory J.; Dowbenko, Rostyslaw; and O'Dwyer, James B., to PPG Industries, Inc. Aromatic acid catalysts providing improved humidity resistance. 4,500,680, 2-19-85, Cl. 525-143.000.
- Singer, Debra L.; McCollum, Gregory J.; and Dowbenko, Rostyslaw, to PPG Industries, Inc. Aminoplast curable compositions containing disulfonic acid esters as latent acid catalysts. 4,501,854, 2-26-85, Cl. 525-162.000.
- Singer, Edouard. Portable DC device for verifying absence of voltage in high-tension AC conductors. 4,503,389, 3-5-85, Cl. 324-133.000.
- Singer, Erich: *See—*
  - Gassler, Hermann; Joos, Eugen; Jundt, Werner; Kubach, Hans; and Singer, Erich, 4,491,113, Cl. 123-490.000.
  - Gassler, Hermann; Joos, Eugen; Kubach, Hans; Maisch, Wolfgang; and Singer, Erich, 4,501,247, Cl. 123-453.000.
- Singer, Hans S., to Hans S. Singer Co., Inc. Creel component and creel consisting of several components. 4,545,547, 10-8-85, Cl. 242-131.000.
- Singer, Hans S., to Hans S. Singer Co., Inc. Holder for yarn package. 4,556,178, 12-3-85, Cl. 242-130.000.
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Sisti, Giorgio; and Verga, Giuseppe, to Carlo Erba Strumentazione S.p.A. Modified-flame thermionic detector for gas chromatographs and method for the identification of components in sample under analysis. 4,508,685, 4-2-85, Cl. 422-54.000.

Sisti, Giorgio; Trestianu, Sorin; and Riva, Ermete, to Carlo Erba Strumentazione S.p.A. Apparatus for chromatographic sample injection. 4,526,686, 7-2-85, Cl. 210-198.200.

Sisto, Alessandro; Verdini, Antonio S.; and Virdia, Antonino, to E.N.I. Ente Nazionale Idrocarburi. Retro-inverso analogues of the bradykinin potentiating peptide BPP_{5a} and methods for their preparation. 4,522,752, 6-11-85, Cl. 260-112.50R.

Sit, Song-P., to Zimpro Inc. Process for concurrent steam generation and metal recovery. 4,524,049, 6-18-85, Cl. 423-65.000.

Sita, Richard K.; Orr, John R.; and Waring, John L., to RCA Corporation. Rotating D.C. coupled record amplifier for digital magnetic recording. 4,561,027, 12-24-85, Cl. 360-39.000.

Site Microsurgical Systems, Inc.: *See—*
- Cook, Kenneth P., 4,493,695, Cl. 604-27.000.

Sitek, George J.; and Walker, Sherman L., to Leco Corporation. Proximate analyzer. 4,522,788, 6-11-85, Cl. 422-78.000.

Sitko, Jerry A.; Hrynkiw, John; and Brazeau, Marilyn I. Detachable cover for disposable drinking cups, container and the like. 4,503,992, 3-12-85, Cl. 220-90.400.

Sitrick, David H., to Arrhythmia Research Technology, Inc. System and method for predicting ventricular tachycardia by derivative analysis. 4,492,235, 1-8-85, Cl. 128-705.000.

Sitrick, David H. Video game including user visual image. 4,521,014, 6-4-85, Cl. 273-1.0GC.

Sitrin, Robert D.: *See—*
- Bowie, Betty A.; Newman, David J.; Shearer, Marcia C.; Sitrin, Robert D.; and Valenta, Joseph R., 4,548,974, Cl. 424-118.000.
- Chan, George W.; and Sitrin, Robert D., 4,521,335, Cl. 260-112.50R.

Sitt, Rudiger: *See—*
- Kabbe, Hans-Joachim; Krause, Hans-Peter; and Sitt, Rudiger, 4,510,156, Cl. 514-415.000.

Sitte, Hellmuth; and Kleber, Heinrich, to C. Reichert Optische Werke, AG. Apparatus for cooling a biological or medical specimen. 4,551,992, 11-12-85, Cl. 62-514.00R.

Sitte, Helmuth; Cooper, Terry W.; and Kleber, Heinrich, to C. Reichert Optische Werke AG. Microtome with specimen illumination system. 4,511,224, 4-16-85, Cl. 350-523.000.

Sittenthaler, Wilhelm; Sauter, Fritz; and Stanetty, Peter, to Consortium fur Elektrochemische Industrie GmbH. 4,4,4-trichloro-1-pyridyl-but-2-ene-1-ones and fungicides made therewith. 4,532,136, 7-30-85, Cl. 514-277.000.

Sitter, Erhard, to Robert Bosch GmbH. Fuel injection apparatus with pilot injection and main injection in internal combustion engines. 4,520,774, 6-4-85, Cl. 123-300.000.

Sitterding, Richard K.: *See—*
- Daniel, Winfield C.; and Sitterding, Richard K., 4,545,221, Cl. 68-181.00R.

Sitterle, George, to Frontier Contact Lenses of Florida, Inc. Soft toric contact lens. 4,508,436, 4-2-85, Cl. 351-160.00H.

Sittig, Roland, to BBC Brown, Boveri & Company, Limited. Asymmetrical thyristor with highly doped anode base layer region for optimized blocking and forward voltages. 4,517,582, 5-14-85, Cl. 357-38.000.

Sittig, Wolfgang: *See—*
- Fischer, Edgar; and Sittig, Wolfgang, 4,491,549, Cl. 261-36.00R.
- Prave, Paul; and Sittig, Wolfgang, 4,545,945, Cl. 261-36.00R.

Sitton, Willard J.; and Whaley, William L., to Joy Manufacturing Company. Valve seat structure 4,515,347, 5-7-85, Cl. 251-328.000.

Sitzmann, Michael E.; and Gilligan, William H., to United States of America, Navy. Derivatives of energetic orthoformates. 4,499,309, 2-12-85, Cl. 568-590.000.

Sitzmann, Michael E.; and Adolph, Horst G., to United States of America, Navy. 2,2-dinitrobutane-1,4-diol and monoesters. 4,546,200, 10-8-85, Cl. 560-222.000.

Sitzwohl, Kenneth J.: *See—*
- Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.

Siuta, Vincent P., to Du Pont de Nemours, E. I., and Company. Thick film conductor compositions. 4,514,321, 4-30-85, Cl. 252-512.000.

Siuta, Vincent P.; and Slutsky, Joel, to Du Pont de Nemours, E. I., and Company. Copper conductor compositions. 4,521,329, 6-4-85, Cl. 252-512.000.

Siuta, Vincent P., to Du Pont de Nemours, E. I., and Company. Thick film conductor compositions. 4,540,604, 9-10-85, Cl. 427-96.000.

Sivaco Quebec: *See—*
- Vider, Leslie, 4,560,349, Cl. 432-223.000.

Sivaslian, Armen H.: *See—*
- Bartholet, Stephen J.; and Sivaslian, Armen H., 4,503,924, Cl. 180-8.600.

Sivaslian, Lillian. Two piece juicer. 4,531,457, 7-30-85, Cl. 99-507.000.

Sivers, Rolf V.: *See—*
- Schutz, Matthias; Sivers, Rolf V.; Roesems, Dirk; and Rebman[illegible] Rolf, 4,535,964, Cl. 248-607.000.

Sivertson, Larry M.: *See—*
- Jarvis, George A.; and Sivertson, Larry M., 4,542,268, C[illegible] 219-10.55B.

Sivigny, Arthur L.: *See—*
- Fischer, William C.; Adams, Don L.; Wright, Stuart C.; Verzelia, David J.; and Sivigny, Arthur L., 4,528,628, Cl. 364-424.000.

Sivilotti, Olivo G., to Alcan International Limited. Metal production by electrolysis of a molten electrolyte. 4,514,269, 4-30-85, Cl. 204-69.000.

Sivilotti, Olivo G., to Alcan International Limited. Apparatus for metal production by electrolysis of a molten electrolyte. 4,518,475, 5-21-85, Cl. 204-247.000.

Sivilotti, Olivo G., to Alcan International Limited. Metal production by electrolysis of a molten electrolyte. 4,560,449, 12-24-85, Cl. 204-70.000.

Sivry, Bernard: *See—*
- Baciu, Antoine; Rius, Jean M.; and Sivry, Bernard, 4,522,778, Cl. 264-328.700.

Sivyer, Robert B. Thermowell apparatus. 4,510,343, 4-9-85, Cl. 136-242.000.

Sivyer Steel Corporation: *See—*
- Ceurvorst, Kenneth, 4,519,551, Cl. 241-194.000.

Siwersson, Olle L.; Wall, Arne E.; and Kristensson, Kent B. G., to AB Scaniainventor. Apparatus for spreading granular material. 4,561,596, 12-31-85, Cl. 239-687.000.

Siwiak, Kazimierz, to Motorola, Inc. Three element low profile antenna. 4,516,127, 5-7-85, Cl. 343-702.000.

Siwiak, Kazimierz: *See—*
- Garay, Oscar M.; Siwiak, Kazimierz; and Balzano, Quirino, 4,504,834, Cl. 343-749.000.

Siwon, Hans: *See—*
- Steinel, Heinrich W.; and Siwon, Hans, 4,493,972, Cl. 219-230.000.

Six, Jean-Claude G.; Claeys, Paul; and Guillaume, Michel, to U.S. Philips Corporation. Flame detection system with isolation between burner and electronic control device. 4,519,771, 5-28-85, Cl. 431-25.000.

Six, Jorg; and Kobarg, Gerd, to Paul Hellerman GmbH. Tie strap, particularly for tying elongated objects. 4,557,023, 12-10-85, Cl. 24-16.0PB.

Sixsmith, Herbert, to Creare Research & Development Inc. Gas thrust bearing. 4,557,611, 12-10-85, Cl. 384-124.000.

Sixt, Karl: *See—*
- Woltmann, Reinhard; and Sixt, Karl, 4,508,159, Cl. 164-306.000.

Sizelove, Cary L.: *See—*
- Dietrich, William J., Sr.; and Sizelove, Cary L., 4,546,832, Cl. 172-260.500.
- Dietrich, William J., Sr.; and Sizelove, Cary L., 4,548,277, Cl. 172-265.000.

Sizer, Phillip S.; Cox, Don C.; and Council, Malcolm N., to Otis Engineering Corporation. Apparatus and method for rotating coil tubing in a well. 4,515,220, 5-7-85, Cl. 166-384.000.

Sizer, Theodore, II: *See—*
- Mourou, Gerard; and Sizer, Theodore, II, 4,517,675, Cl. 372-53.000.

Sizyakov, Viktor M.: *See—*
- Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.
- Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Sjoberg, Eigel. Apparatus for hoof working. 4,560,006, 12-24-85, Cl. 168-48.00A.

Sjodin, Carl A., to Armerad Betong Vagforbattringar Aktiebolag. Method of recovering environment-detrimental material. 4,541,846, 9-17-85, Cl. 55-97.000.

Sjogren, C. Norman, to Belwith International, Ltd. Sliding door lock. 4,514,996, 5-7-85, Cl. 70-100.000.

Sjogren, Christer A.; McRae, John; and Reyes, Carlos, to Quipp, Incorporated. Inserted product newspaper sensor. 4,562,339, 12-31-85, Cl. 235-98.00R.

Sjolin, Conny: *See—*
- Lanner, Helmut F., 4,526,218, Cl. 160-374.100.

Sjolund, John R., to Sundstrand Corporation. Nozzle and flapper with squeeze film damping. 4,492,245, 1-8-85, Cl. 137-82.000.

- Sjonell, Goran. Method of mixing one substance with another substance. 4,509,861, 4-9-85, Cl. 366-131.000.
- Sjostrand, Sven E.: *See—*
  - Junggren, Ulf K.; and Sjostrand, Sven E., 4,508,905, Cl. 546-271.000.
- Sjostrom, Douglas D.: *See—*
  - Whipple, Terry L.; and Sjostrom, Douglas D., 4,522,206, Cl. 128-312.000.
- Sjuld, Tiiya-Maya F.: *See—*
  - Kiisler, Karl R.; Sjuld, Tiiya-Maya F.; Kristyanson, Peep G.; Kholm, Gunnar B.; Rokk, Juri K.; and Post, Kalju M., 4,518,453, Cl. 156-307.500.
- SKA S.p.A.: *See—*
  - Segalla, Ruggero, 4,552,095, Cl. 119-53.000.
- Skaar, Dean N.: *See—*
  - Oakley, Clyde G.; Guess, Joe F.; Robbins, Cheston W.; Kelly, Robert M.; Skaar, Dean N.; and Walker, Stephen D., 4,542,745, Cl. 252-312.000.
- Skach, Edward J., Jr., to Dow Chemical Company, The. Production of round salt coated metal granules. 4,500,349, 2-19-85, Cl. 75-0.50B.
- Skach, Edward J., Jr., to Dow Chemical Company, The. Rotary cooling table. 4,519,758, 5-28-85, Cl. 425-6.000.
- Skach, Edward J., Jr.; and Cobei, George B., to Dow Chemical Company, The. Salt-coated magnesium granules. 4,559,084, 12-17-85, Cl. 75-0.50B.
- Skaife, Vivian A.: *See—*
  - Skaife, William A., 4,528,774, Cl. 47-81.000.
- Skaife, William A., to Skaife, Vivian A. Plant and seed growing system. 4,528,774, 7-16-85, Cl. 47-81.000.
- Skakoon, James G.; Johanson, Donald L.; and Bonthron, Raymond J., to C. R. Bard, Inc. Battery operated miniature syringe infusion pump. 4,544,369, 10-1-85, Cl. 604-155.000.
- Skakoon, James G.: *See—*
  - Prosl, Frank R.; Skakoon, James G.; Carlozzi, Gerard S.; and Infusaid Corporation, 4,541,429, Cl. 604-249.000.
- Skala, Stephen F. Facsimile publishing system. 4,532,554, 7-30-85, Cl. 358-257.000.
- Skaletz, Heinz: *See—*
  - Riemann, Hanns-Helmut; Sonnenschein, Hans; and Skaletz, Heinz, 4,509,697, Cl. 241-72.000.
- Skalicky, Stanislav: *See—*
  - Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kenna, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.
- Skalski, Clement A.: *See—*
  - Doane, John C.; and Skalski, Clement A., 4,527,662, Cl. 187-29.00R.
- Skalski, John S.: *See—*
  - Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., 4,494,658, Cl. 211-49.00R.
  - Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., 4,537,316, Cl. 211-133.000.
- Skambraks, Raimund: *See—*
  - Kochendorfer, Heinrich; Lodige, Heinrich; Mohaupt, Hubert; Schempp, Roland; Schumacher, Werner; and Skambraks, Raimund, 4,542,678, Cl. 91-6.000.
- Skan-A-Matic Corp.: *See—*
  - Eastman, Jay M.; and Boles, John A., 4,560,862, Cl. 235-467.000.
- Skanemejerier Ek. For.: *See—*
  - Lindstam, Nils C., 4,547,385, Cl. 426-570.000.
- Skantek Corporation: *See—*
  - Plasencia, Armand J.; Tusso, Robert J.; and Gilson, Alan P., 4,558,373, Cl. 358-285.000.
- Skardal, Karl A. Vortex cleaner. 4,537,314, 8-27-85, Cl. 209-211.000.
- Skarka, Josef: *See—*
  - Junek, Jan; Skarka, Josef; Jaros, Frantisek; Hortlik, Frantisek; Hacova, Kveta; Vobornik, Vaclav; Ohlidal, Vladimi; and Lihtarova, Ludmila, 4,499,718, Cl. 57-301.000.
- Skarman, Bengt, to Saab-Scania Aktiebolag. Method and an apparatus for steering an aerodynamic body having a homing device. 4,529,151, 7-16-85, Cl. 244-3.150.
- Skarpness, Harold, to Gustafson, Inc. Pneumatic crosscut sampler. 4,538,472, 9-3-85, Cl. 73-863.550.
- Skarsten, Stephen R., to Skilten Tools Limited. Ladder safety device. 4,491,192, 1-1-85, Cl. 182-107.000.
- Skarvada, Thomas, to Crane Co. Modulator for anti-skid braking system. 4,562,542, 12-31-85, Cl. 364-426.000.
- Skarvada, Thomas: *See—*
  - Cook, Robert D.; and Skarvada, Thomas, 4,530,058, Cl. 364-426.000.
- Skeel, James C., to J. I. Case Company. Parking brake declutching system. 4,530,427, 7-23-85, Cl. 192-4.00A.
- Skeels, Anthony J., to Xerox Corporation. Device for transferring particulate material. 4,519,693, 5-28-85, Cl. 355-3.0DD.
- Skeels, Gary W.: *See—*
  - Breck, Donald W., deceased; Blass, Harold, executor; and Skeels, Gary W., 4,503,023, Cl. 423-328.000.
- Skeen, J. Hall: *See—*
  - Fuller, Oliver C.; Bennett, James R.; and Skeen, J. Hall, 4,531,666, Cl. 228-171.000.
- Skeist, S. Merrill; and Gross, Leo. Magnetic arc spreading fluorescent lamps. 4,514,662, 4-30-85, Cl. 315-57.000.
- Skelding, William T. H.: *See—*
  - Radvan, Bronislaw; Skelding, William T. H.; and Willis, Anthony J., 4,543,288, Cl. 428-297.000.
- Skelley, James H. Variable valve lift and timing mechanism. 4,502,426, 3-5-85, Cl. 123-90.150.
- Skelly, Jacinta; Howard, Colin R.; and Zuckerman, Arie J., to National Research Development Corporation. Hepatitis B vaccine. 4,554,157, 11-19-85, Cl. 424-89.000.
- Skelton, John: *See—*
  - Petterson, De Witt R.; Skelton, John; and Brookstein, David S., 4,497,866, Cl. 428-365.000.
- Skene, Paula H. Foil embossing method. 4,503,110, 3-5-85, Cl. 428-164.000.
- Skerjanec, Joze; and Pocivalnik, Stane, to Gorenje Tovarna Gospodinjske Opreme N.Sol. O. Velenje. Foil welding device. 4,561,925, 12-31-85, Cl. 156-379.600.
- Skerlos, Peter C., to Zenith Electronics Corporation. Dual mode UHF tuning system. 4,516,170, 5-7-85, Cl. 358-191.100.
- Sket, Boris: *See—*
  - Zupancic, Natasa; Sket, Boris; Zupet, Pavel; and Zupan, Marko, 4,551,525, Cl. 544-49.000.
- SKF GmbH: *See—*
  - Hans, Rudiger; Brandenstein, Manfred; Friedrich, Wolfgang; and Haas, Roland, 4,534,749, Cl. 474-174.000.
  - Walter, Lothar; and Reith, Walter, 4,511,188, Cl. 308-6.00C.
- SKF Industrial Trading & Development Company B.V.: *See—*
  - Bras, Johan C. M.; and Gabelli, Antonio, 4,545,692, Cl. 384-477.000.
  - Cuijpers, Mathias J. M., 4,544,164, Cl. 277-25.000.
  - Kumpar, Zvonimir Z., 4,549,872, Cl. 464-141.000.
  - Merkelbach, Boy, 4,550,237, Cl. 219-121.0LD.
  - van Nederveen, Hans B., 4,520,882, Cl. 175-410.000.
  - Vermeiren, Karel N.; and Dolfsma, Hendrik, 4,511,837, Cl. 324-61.00R.
- SKF Industries, Inc.: *See—*
  - Baile, George H.; and Johnson, John J., 4,492,415, Cl. 384-463.000.
  - Johnson, John H., 4,534,871, Cl. 252-12.000.
  - Tallian, Tibor E.; and Hingley, Colin G., 4,557,613, Cl. 384-568.000.
- SKF Kugellagerfabriken GmbH: *See—*
  - Bonengel, Roland; Dobhan, Herbert; Brandenstein, Manfred; Edelmann, Ludwig; Ernst, Horst M.; Kregler, Helmuth; Marx, Anton; Neder, Gunter; Mause, Elmar; Olschewski, Armin; Schurger, Rainer; and Stolz, Robert, 4,560,291, Cl. 384-533.000.
  - Brandenstein, Manfred; Hans, Rudiger; and Kiener, Heinz, 4,509,764, Cl. 277-166.000.
  - Brandenstein, Manfred; Haas, Roland; Edelmann, Ludwig; and Hans, Rudiger, 4,516,962, Cl. 474-112.000.
  - Brandenstein, Manfred, 4,524,855, Cl. 192-88.00A.
  - Brandenstein, Manfred; Haas, Roland; Friedrich, Wolfgang; and Hans, Rudiger, 4,525,082, Cl. 384-138.000.
  - Brandenstein, Manfred; Walter, Lothar; and Kiener, Heinz, 4,526,259, Cl. 192-91.00A.
  - Brandenstein, Manfred; and Hans, Rudiger, 4,537,270, Cl. 180-70.100.
  - Brandenstein, Manfred; Haas, Roland; Herrmann, Gerhard; and Hans, Rudiger, 4,557,708, Cl. 474-112.000.
  - Brandenstein, Manfred; Haas, Roland; and Hans, Rudiger, 4,558,768, Cl. 188-343.000.
  - Brandenstein, Manfred; Haas, Roland; and Hartmann, Hein, 4,560,051, Cl. 192-98.000.
  - Frase, Dietmar; Eisenkolb, Roland; Kiener, Heinz; and Harant, Guter, 4,526,485, Cl. 384-486.000.
  - Glock, Alfred, 4,510,645, Cl. 19-0.250.
  - Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.
  - Hans, Rudiger; and Brandenstein, Manfred, 4,511,192, Cl. 384-543.000.
  - Hans, Rudiger; and Friedrich, Wolfgang, 4,544,168, Cl. 277-84.000.
  - Hans, Rudiger; and Brandenstein, Manfred, 4,549,442, Cl. 74-110.000.
  - Haugwitz, Werner, 4,533,264, Cl. 384-472.000.
  - Kintzel, Gerhard; and Heilmann, Edmund, 4,510,829, Cl. 82-36.00R.
  - Meining, Hans; and Hans, Rudiger, 4,547,084, Cl. 384-576.000.
  - Meinlschmidt, Helmut, 4,558,962, Cl. 384-570.000.
  - Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.
  - Olschewski, Armin; Herrmann, Gerhard; and Bauer, Bernhard, 4,512,670, Cl. 384-147.000.
  - Olschewski, Armin; Herrmann, Gerhard; Bauer, Bernhard; and Zirk, Elisabeth, 4,512,672, Cl. 384-477.000.
  - Olschewski, Armin; Hetterich, Hermann; Horling, Peter; and Beyfuss, Berthold, 4,522,514, Cl. 384-569.000.
  - Olschewski, Armin; and Bauer, Bernhard, 4,534,095, Cl. 29-148.40C.
  - Olschewski, Armin; Laszlofalvi, Zoltan; and Kunkel, Heinrich, 4,541,818, Cl. 464-134.000.
  - Schard, Lothar, 4,541,740, Cl. 384-473.000.
  - Schutz, Karl H.; and Mauch, Gunter, 4,509,364, Cl. 73-118.000.
  - von Ronai-Horvath, Michael; and Schonung, Bernhard, 4,501,114, Cl. 57-81.000.
  - Walter, Lothar; and Reith, Walter, 4,514,017, Cl. 308-6.00C.
  - Walter, Lothar; and Reith, Walter, 4,550,479, Cl. 29-148.40C.
  - Walter, Lothar; Reith, Walter; and Winkler, Otmar, 4,553,796, Cl. 308-6.00C.
  - Winkler, Otmar, 4,511,345, Cl. 464-145.000.

SKF Nova AB: *See—*
- Asberg, Sture, 4,527,916, Cl. 384-513.000.
- Asberg, Sture, 4,527,924, Cl. 403-76.000.
- Asberg, Sture, 4,558,885, Cl. 280-674.000.
- Lundgren, Bengt, 4,557,652, Cl. 411-230.000.
- Nilsson, Sven W., 4,531,427, Cl. 74-675.000.
- Nilsson, Sven W., 4,559,843, Cl. 74-451.000.

SKF Steel Engineering AB: *See—*
- Eriksson, Sune; Santen, Sven; and Bjorling, Gotthard, 4,508,566, Cl. 75-88.000.
- Eriksson, Sune; and Santen, Sven, 4,526,612, Cl. 75-10.00R.
- Eriksson, Sune; Johansson, Borje; and Santen, Sven, 4,548,621, Cl. 55-72.000.
- Lund, Thore, 4,528,231, Cl. 428-148.000.
- Santen, Sven; and Thornblom, Jan, 4,508,040, Cl. 110-347.000.
- Santen, Sven; Mogensen, Palne; Kaij, Mats; and Thornblom, Jan, 4,543,470, Cl. 219-383.000.
- Santen, Sven O., 4,497,609, Cl. 414-786.000.

SKF Steel Hofors AB: *See—*
- Sundberg, Staffan; and Jonsson, Gote, 4,526,556, Cl. 464-182.000.

SKF (U.K.) Limited: *See—*
- Neal, Hubert W. T., 4,555,188, Cl. 384-482.000.
- Neal, Hubert W. T., 4,557,612, Cl. 384-488.000.
- Woodbridge, Keith W., 4,533,265, Cl. 384-477.000.
- Woodbridge, Keith W.; and Hjertzen, Derrick G., 4,541,741, Cl. 384-482.000.

Ski Pack International, Inc.: *See—*
- Amos, Jacquelyn V., 4,518,107, Cl. 224-215.000.

Skidanenko, Constantine V.; and McGibbon, Gregor D., to GTE Communication Systems Corporation. Floating dc current source for a subscriber loop circuit. 4,511,763, 4-16-85, Cl. 179-16.0AA.

Skidanenko, Constantine V.; and McGibbon, Gregor D., to GTE Communication Systems Corporation. Supervision and dial pulse detection circuit for a telephone subscriber line. 4,536,614, 8-20-85, Cl. 179-18.0FA.

Skidanenko, Constantine V.; and McGibbon, Gregor D., to GTE Lenkurt Inc. Apparatus for isolating the voice frequency path from the floating battery feed during signalling. 4,552,994, 11-12-85, Cl. 179-16.0AA.

Skiff, Ronald H.: *See—*
- Katz, Saul N.; and Skiff, Ronald H., 4,545,998, Cl. 426-424.000.

Skil Corporation: *See—*
- Hartmann, James R., 4,545,123, Cl. 30-393.000.

Skil Nederland B.V.: *See—*
- Houben, Jan P.; and Moolenaar, Antonie J., 4,539,500, Cl. 310-230.000.

Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, to USV Pharmaceutical Corporation. N-substituted-amido-amino acids. 4,496,542, 1-29-85, Cl. 514-2.000.

Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, to USV Pharmaceutical Corporation. N-substituted-amindo-amino acids. 4,558,038, 12-10-85, Cl. 514-20.000.

Skiles, Jerry W.: *See—*
- Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,507,312, Cl. 514-471.000.
- Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,548,928, Cl. 514-232.000.
- Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,549,992, Cl. 260-455.00R.
- Suh, John T.; Skiles, Jerry W.; Piwinski, John J.; Menard, Paul; and Jones, Howard, 4,556,652, Cl. 514-211.000.

Skiles, Richard D.: *See—*
- Pilgram, Kurt H.; and Skiles, Richard D., 4,550,121, Cl. 514-469.000.
- Pilgram, Kurt H.; and Skiles, Richard D., 4,554,283, Cl. 514-364.000.
- Pilgram, Kurt H.; and Skiles, Richard D., 4,558,040, Cl. 514-150.000.

Skilling, James: *See—*
- Sargent, Brian; and Skilling, James, 4,554,630, Cl. 364-200.000.

Skillman, David B.: *See—*
- Scanland, Joseph E.; and Skillman, David B., 4,514,967, Cl. 56-14.700.

Skillman, Harry L., Jr.: *See—*
- Meyers, Kevin O.; and Skillman, Harry L., Jr., 4,495,996, Cl. 166-279.000.

Skillmech AB: *See—*
- Vieglins, Dzintars, 4,541,600, Cl. 248-239.000.

Skilten Tools Limited: *See—*
- Skarsten, Stephen R., 4,491,192, Cl. 182-107.000.

Skinner, Christopher A., to Extracorporeal Medical Specialties Inc. Reverse osmosis water purification system. 4,498,982, 2-12-85, Cl. 210-96.200.

Skinner, David R.: *See—*
- Cuscino, Richard T.; Lee, Lester H.; Prohl, Melvin A.; Skinner, David R.; and Taylor, Thomas F., 4,552,292, Cl. 228-183.000.

Skinner, Dewey F.: *See—*
- Hill, Richard W.; Skinner, Dewey F.; and Thorsness, Charles B., 4,499,945, Cl. 166-50.000.

Skinner, Edward A., to Elopak Limited. Method of making a carton. 4,518,377, 5-21-85, Cl. 493-58.000.

Skinner, James L., to Atlantic Richfield Company. Method for deactivating and controlling the dusting tendencies of dried particulate lower rank coal. 4,498,905, 2-12-85, Cl. 44-1.00C.

Skinner, James L., to Atlantic Richfield Company. Method for discharging treated coal and controlling emissions from a heavy oil spray system. 4,547,198, 10-15-85, Cl. 44-1.00R.

Skinner, James T., Jr. Text comparator. 4,531,201, 7-23-85, Cl. 364-900.000.

Skinner, Neal G., to Halliburton Company. Battery housing. 4,505,993, 3-19-85, Cl. 429-100.000.

Skinner, Neal G., to Halliburton Company. Apparatus for placement and retrieval of downhole gauges. 4,506,731, 3-26-85, Cl. 166-113.000.

Skinner, Neal G.; and Wesson, David S., to Halliburton Company. Downhole tool and method of using the same. 4,508,174, 4-2-85, Cl. 166-373.000.

Skinner, Robert A. Package closure. 4,526,283, 7-2-85, Cl. 215-256.000.

Skinner, Robert T. J., to Lucas Industries Public Limited Company. Fuel injection pumps. 4,499,884, 2-19-85, Cl. 123-506.000.

Skinner, Robert T. J., to Lucas Industries Public Limited Company. Fuel injection nozzles. 4,509,691, 4-9-85, Cl. 239-533.900.

Skinner, Robert T. J., to Lucas Industries Inc. Fuel injection nozzle. 4,513,916, 4-30-85, Cl. 239-453.000.

Skinner, Robert T. J., to Lucas Industries Public Limited Company. Fuel injection nozzles. 4,535,939, 8-20-85, Cl. 239-533.300.

Skinner, Robert T. J., to Lucas Industries Public Limited Company. Fuel injection nozzles. 4,537,359, 8-27-85, Cl. 239-533.600.

Skinner, Robert V.: *See—*
- Shubow, Calvin; and Skinner, Robert V., 4,503,109, Cl. 428-161.000.

Skinner, Ronald W.; Tao, John C.; and Znaimer, Samuel, to International Coal Refining Company. Two-stage coal liquefaction process. 4,491,511, 1-1-85, Cl. 208-8.0LE.

Skinner, Ronald W.; Tao, John C.; and Znaimer, Samuel, to International Coal Refining Company. Coal liquefaction process. 4,510,040, 4-9-85, Cl. 208-10.000.

Skinner, Ronald W.: *See—*
- Bronfenbrenner, James C.; Skinner, Ronald W.; and Znaimer, Samuel, 4,536,275, Cl. 208-10.000.

Skinner, William H., Jr.: *See—*
- Jenczewski, Theodore J.; and Skinner, William H., Jr., 4,552,635, Cl. 204-182.400.

Skipka, Guido; Alles, Hans-Ulrich; Randau, Gert; and Niese, Manfred, to Bayer Aktiengesellschaft. Process for the preparation of 4-amino-3-methyl-phenol. 4,496,764, 1-29-85, Cl. 564-418.000.

Skipor, Eugene: *See—*
- Niemiro, Josef W.; and Skipor, Eugene, 4,493,690, Cl. 493-444.000.
- Niemiro, Josef W.; and Skipor, Eugene, 4,545,782, Cl. 493-425.000.

Skipor, Eugene, Jr.: *See—*
- Kiamco, Roberto C.; and Skipor, Eugene, Jr., 4,537,390, Cl. 270-53.000.

Skipper, John B., to Dunlop Limited. Reinforced connecting link means. 4,552,035, 11-12-85, Cl. 74-581.000.

Skipper, John D.: *See—*
- Higgins, Charles H.; and Skipper, John D., 4,546,343, Cl. 340-347.0AD.

Skischuhfabrik Dynafit Gesellschaft m.b.H.: *See—*
- Kopp, Ernst, 4,501,078, Cl. 36-121.000.
- Ribarits, Peter, 4,546,521, Cl. 24-70.0SK.

Skjaerpe, Finn. Microsurgical instrument. 4,501,274, 2-26-85, Cl. 128-305.000.

Skjaeveland, Magne, to Kverneland A/S. Multi-furrow plow assembly with adjustable plowshare mounts. 4,526,237, 7-2-85, Cl. 172-647.000.

Skjold, A. Christopher; Stover, Lonnie R.; and Trimmer, Robert W., to Miles Laboratories, Inc. Test for esterase activity in a liquid sample. 4,499,185, 2-12-85, Cl. 435-19.000.

Sklavounos, Constantine: *See—*
- Goldman, Irving M.; Kuhla, Donald E.; and Sklavounos, Constantine, 4,550,164, Cl. 544-291.000.

Sklebitz, Hartmut, to Siemens Aktiengesellschaft. X-ray diagnostic installation comprising an image intensifier television chain. 4,503,460, 3-5-85, Cl. 358-111.000.

Skloss, Louis C. Tortilla making apparatus. 4,504,209, 3-12-85, Cl. 425-397.000.

Skobel, Max. Releasable clasp. 4,534,090, 8-13-85, Cl. 24-625.000.

Skocpol, William J.: *See—*
- Damen, Theodoor C.; Duguay, Michael A.; Howard, Richard E.; Jackel, Lawrence D.; and Skocpol, William J., 4,550,249, Cl. 250-201.000.

Skoda, koncernova podnik: *See—*
- Altmann, Josef; Ratislav, Jaromir; and Ratislav, Jaromir, 4,561,866, Cl. 55-166.000.

Skogberg, Bo T.; and Romell, Gunnar V. R., to Atlas Copco Aktiebolag. Method of rock bolting and tube-formed expansion bolt. 4,509,889, 4-9-85, Cl. 411-19.000.

Skoge, Klaus: *See—*
- Montlick, Terry; Skoge, Klaus; Vetter, David C.; and Ahrens, Paul R., 4,520,499, Cl. 381-36.000.

Skogen, Kermit J. Chimney cleaner. 4,492,000, 1-8-85, Cl. 15-242.000.

Skogward, Kenneth O. E., to Husqvarna Aktiebolag. Feeding mechanism in a sewing machine. 4,512,273, 4-23-85, Cl. 112-315.000.

Skogward, Kenneth O. E., to Husqvarna Aktiebolag. Cloth feeder. 4,513,678, 4-30-85, Cl. 112-323.000.

Skolaude, Werner; and Eggendorfer, Gunnar, to Linde Aktiengesellschaft. Process and device for the production of gaseous oxygen at elevated pressure. 4,555,256, 11-26-85, Cl. 62-18.000.

Skolnick, Joel B. Book with puppet. 4,508,515, 4-2-85, Cl. 446-148.000.

Skolnick, Saul; and Goodman, Albert, to Southwest Energy Group, Ltd. Energy transfer through a multi-layer liner for shaped charges. 4,498,367, 2-12-85, Cl. 86-1.00R.

Skolnik, Arthur M. Toy vehicle. 4,526,390, 7-2-85, Cl. 280-87.04R.

Skopal, Judit: *See—*

  Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, 4,520,018, Cl. 514-469.000.

Skorecki, Jan, to National Research Development Corporation. Mounting for a vibrating system. 4,515,122, 5-7-85, Cl. 123-198.00E.

Skornscheck, Thomas E.: *See—*

  Kramer, Fritz; Skornscheck, Thomas E.; and Strauss, Ernest, 4,519,338, Cl. 118-305.000.

Skosey, John L.: *See—*

  Teodorescu, Marius C.; Gaspar, Alexander M.; Spear, Gregory T.; Ganea, Doina; and Skosey, John L., 4,499,186, Cl. 435-23.000.

Skotheim, Terje A., to United States of America, Energy. Method of synthesizing polymers from a solid electrolyte. 4,544,456, 10-1-85, Cl. 204-59.00R.

Skotheim, Terji, to United States of America, Energy. Rechargeable solid polymer electrolyte battery cell. 4,520,086, 5-28-85, Cl. 429-192.000.

Skotsch, Carlo; Baumert, Dietrich; Krahmer, Hansjorg; and Arndt, Friedrich, to Schering Aktiengesellschaft. Azolyl-pentene derivatives and biocidal compositions containing the same. 4,517,367, 5-14-85, Cl. 546-276.000.

Skov, Allan; and Rostrup-Nielsen, Jens R., to Haldor Topsoe A/S. Process for the preparation of synthetic hydrocarbons. 4,520,216, 5-28-85, Cl. 585-315.000.

Skov, Per S.; Norn, Svend; and Weeke, Bent. Method of detecting or determining histamine in histamine containing materials. 4,550,085, 10-29-85, Cl. 436-98.000.

Skovdal, Jorgen, to Clairol Incorporated. Vapor generating hair roller assembly. 4,520,832, 6-4-85, Cl. 132-33.00R.

Skovgaard, Leif O., to Gople-Pack and Industrial Marketing ApS. Carry-bag. 4,528,694, 7-9-85, Cl. 383-10.000.

Skovhoj, Jens B. Lawn and garden maintenance apparatus. 4,546,601, 10-15-85, Cl. 56-249.000.

Skovran, Daniel G.; Shockley, Brett A.; and Chouanard, Harvey J., to Magnetic Controls Company. Cable access assembly. 4,519,014, 5-21-85, Cl. 361-397.000.

Skovrinski, Adam L.: *See—*

  Birkmaier, Albert A.; Harpell, Gary A.; Kurtz, Bruce E.; Patel, Gordhanbhai N.; Poncha, Rustom P.; Skovrinski, Adam L.; and Lesco, James M., 4,505,786, Cl. 204-38.400.

Skowronek, Jerzy; and Persson, Jan O. Method for electroless copper-plating and a bath for carrying out the method. 4,520,052, 5-28-85, Cl. 427-443.100.

Skowronski, Michael J.: *See—*

  Hallmark, Richard K.; Skowronski, Michael J.; and Stephens, William D., 4,539,341, Cl. 521-172.000.

Skrabal, Walter F.: *See—*

  Sansevero, Vincent J., Jr.; and Skrabal, Walter F., 4,533,067, Cl. 222-135.000.

Skrabis, Thomas S.; and Jahn, Martin D., to Chicago Metallic Corporation. Metal building panels for wall applications. 4,538,391, 9-3-85, Cl. 52-478.000.

Skreba, Gerhard: *See—*

  Guntermann, Hans; and Skreba, Gerhard, 4,522,322, Cl. 222-597.000.

Skriba, Michael C.: *See—*

  Smeltzer, Eugene E.; and Skriba, Michael C., 4,530,723, Cl. 106-90.000.

Skripek, Milan R.: *See—*

  Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., 4,521,278, Cl. 201-17.000.

  Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., 4,545,859, Cl. 201-17.000.

Skrobul, Anthony P.: *See—*

  Schlicht, Raymond C.; and Skrobul, Anthony P., 4,512,903, Cl. 252-51.50A.

Skryantz, John S.: *See—*

  Johnson, Bryce V.; Karayannis, Nicholas M.; and Skryantz, John S., 4,526,882, Cl. 502-105.000.

Skrycki, Andrew R., to Ex-Cell-O Corporation. Mechanical fastener for intake manifold gasket. 4,505,486, 3-19-85, Cl. 277-235.00B.

Skrynecki, Robert: *See—*

  Morse, John H.; and Skrynecki, Robert, 4,523,258, Cl. 362-108.000.

Skrypek, John P.; Williams, Robert; Dominico, James W.; and Rohr, Albin, to Sun Chemical Corporation. Apparatus for printing frustoconical articles. 4,543,883, 10-1-85, Cl. 101-38.00A.

Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; Schillinger, Ekkehard; Mannesmann, Gerda; and Nieuweboer, Bob, to Schering Aktiengesellschaft. Carbacyclins, their preparation and pharmacological use. 4,497,830, 2-5-85, Cl. 514-277.000.

Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Mannesmann, Gerda; Nieuweboer, Bob; and Town, Michael H., to Schering Aktiengesellschaft. Novel carbacyclinamides, their preparation and use as medicinal agents. 4,552,875, 11-12-85, Cl. 514-234.000.

Skuballa, Werner; Raduechel, Bernd; Schwarz, Norbert; Vorbrueggen, Helmut; Elger, Walter; Loge, Olaf; and Town, Michael-Harold, to Schering Aktiengesellschaft. $\Delta^{8,9}$-prostaglandin derivatives, their preparation and use as medicinal agents. 4,560,786, 12-24-85, Cl. 560-55.000.

Skukowski, William T., to Tropicana Products, Inc. UPC Scannable marking composition and applications thereof. 4,513,027, 4-23-85, Cl. 427-162.000.

Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, to Upjohn Company, The. 6-Aryluracils. 4,495,349, 1-22-85, Cl. 544-97.000.

Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, to Upjohn Company, The. Process for the preparation of 1,3-oxazine-4-ones. 4,521,599, 6-4-85, Cl. 544-97.000.

Skupin, Georg: *See—*

  Hofmann, Hansdieter; Rothe, Hans-Jochen; Skupin, Georg; and Wolff, Konrad, 4,528,362, Cl. 528-336.000.

Skupsch, Jurgen: *See—*

  Grapentin, Joachim; Mahlkow, Hartmut; and Skupsch, Jurgen, 4,517,254, Cl. 428-626.000.

Skura, William A., to Uniroyal, Inc. Power transmission belt with fabric cover. 4,514,179, 4-30-85, Cl. 474-204.000.

Skutnik, Bolesh J., to Ensign-Bickford Industries, Inc. Composition having improved optical qualities. 4,511,209, 4-16-85, Cl. 350-96.340.

Skutta, Frank R.; and Klaus, Thomas R., to Motorola, Inc. Method and apparatus for eliminating interference due to spurious signals generated in synthesized receivers. 4,545,072, 10-1-85, Cl. 455-183.000.

Skvara, Frantisek; Kolar, Karel; Zadak, Zdenek; Friml, Zdenek; and Novotry, Jaroslay, to Ceskoslovenska akademie ved. Rapidly binding high-strength cement binding agent and a method of its preparation. 4,551,176, 11-5-85, Cl. 106-90.000.

SKW Trostberg Aktiengesellschaft: *See—*

  Behnke, Horst; Michaud, Horst; Seeholzer, Joseph; and Solansky, Svatoplug, 4,551,166, Cl. 71-30.000.

  Elischer, Stefan; Hobel, Hans-Gunther; Merkt, Robert; and Wagner, Fritz, 4,535,160, Cl. 544-191.000.

  Goll, Werner, 4,510,282, Cl. 524-337.000.

  Lugscheider, Walter; Riegler, Ernst; and Zajicek, Ernst, 4,518,419, Cl. 75-11.000.

  Michaud, Horst; and von Seyerl, Joachim, 4,492,679, Cl. 423-268.000.

  Schulze, Reinhold, 4,561,947, Cl. 204-109.000.

  Seyerl, Joachim V., 4,559,409, Cl. 564-59.000.

  Smutek, Gerhard; and Raveling, Hermann, 4,560,796, Cl. 564-104.000.

  Stahl, Egon; and Quirin, Karl-Werner, 4,548,755, Cl. 260-412.800.

  Vollbrecht, Heinz-Rudiger; Schutz, Erwin; and Sandner, Klaus, 4,511,508, Cl. 426-665.000.

  Vollbrecht, Heinz-Rudiger, 4,533,733, Cl. 544-190.000.

  von Seyerl, Joachim, 4,508,638, Cl. 252-401.000.

  Weber, Peter, 4,548,796, Cl. 423-175.000.

  Wolfsgruber, Friedrich; Weiser, Ernst A.; Gmohling, Werner; Kern, Hans; and Reifferscheid, Karl J., 4,540,436, Cl. 75-130.00A.

Skwor, Edward P., to Minnesota Mining and Manufacturing Company. Bone stapler. 4,500,025, 2-19-85, Cl. 227-19.000.

Skwor, Edward P.: *See—*

  Assell, Robert L.; and Skwor, Edward P., 4,527,726, Cl. 227-19.000.

Skyline Products, Inc.: *See—*

  Stadjuhar, Robert C.; and Renfro, Cecil S., 4,496,945, Cl. 340-764.000.

Skynar, Larry, to Ford Motor Company. Anti-splay shim for a two stage leaf spring assembly. 4,519,589, 5-28-85, Cl. 267-52.000.

Skyswitch Satellite Communications: *See—*

  Datta, Ravi, 4,491,969, Cl. 455-75.000.

Skytta, Osmo; and Sailas, Vaino, to Valmet Oy. Press roll and press in a paper making machine. 4,559,106, 12-17-85, Cl. 162-358.000.

SL Industries, Inc.: *See—*

  Banks, Charles A., 4,493,515, Cl. 339-14.00L.

  Hammill, S. Scott, 4,500,152, Cl. 339-61.00M.

Slaats, Mathew A.: *See—*

  Trinkel, Steven F.; Strange, Patrick E.; and Slaats, Mathew A., 4,494,721, Cl. 248-406.200.

Slabaugh, Edward J., to Comptech, Incorporated. Cyrogenic pump having maximum aperture throttled port. 4,531,372, 7-30-85, Cl. 62-55.500.

Slabaugh, Roger G.: *See—*

  Williamson, William H.; and Slabaugh, Roger G., 4,529,512, Cl. 210-120.000.

Slabinski, Chet J., to Babcock & Wilcox Company, The. Interpolating function generator for transmitter square root extraction. 4,503,549, 3-5-85, Cl. 377-49.000.

Slaby, Jan: *See—*

  Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Robalova, Alena, 4,528,133, Cl. 260-112.50R.

  Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Roubalova, Alena, 4,554,100, Cl. 260-112.50R.

Slaby, Terrance C.: *See—*

  Sears, Lawrence M.; and Slaby, Terrance C., 4,559,594, Cl. 363-126.000.

Slack, Douglas J., to Texas Instruments Incorporated. Motor starting device. 4,555,684, 11-26-85, Cl. 335-66.000.

Slack, John D., to Rolls-Royce Limited. Investment casting. 4,561,491, 12-31-85, Cl. 164-516.000.

Slade, A. MacDonald: *See—*

  Weatherly, Gilbert; and Slade, A. MacDonald, 4,501,782, Cl. 428-57.000.

Slade, Brian P., to Seven Towns Limited. Apparatus for playing a game. 4,521,024, 6-4-85, Cl. 273-271.000.

Slade Gorton & Co., Inc.: *See—*

  Wenstrom, Richard T.; and Gorton, Thomas S., Jr., 4,532,677, Cl. 17-74.000.

Slade, James R., Jr.; and Sterba, Richard F. System for weight lifting exercising. 4,527,797, 7-9-85, Cl. 272-123.000.

Slade, Mark N.: *See—*

Abbott, James B.; Kohn, Ernest O.; Berry, Christopher; and Slade, Mark N., 4,512,172, Cl. 72-68.000.

Slade, Paul G., to Westinghouse Electric Corp. Axial magnetic field vacuum-type circuit interrupter. 4,553,002, 11-12-85, Cl. 200-144.00B.

Sladek, Zdenek; Musil, Frantisek; Podmela, Ladislav; and Bursa, Miloslav, to Prvi brnenska strojirna, koncernovy podnik. Gear transmission. 4,542,664, 9-24-85, Cl. 74-804.000.

Sladky, Hans H. Flow-control system with pressure-responsive valve. 4,540,016, 9-10-85, Cl. 137-244.000.

Slager, James: *See—*

Louie, Glenn; Retter, Rafi; and Slager, James, 4,547,849, Cl. 364-200.000.

Slager, Mark T. Table upright connector member and process for making the same. 4,514,106, 4-30-85, Cl. 403-190.000.

Slagle, Frederick A. Training device for putting golf balls. 4,535,992, 8-20-85, Cl. 273-194.00A.

Slagle, Frederick A. Training method for putting golf balls. 4,540,179, 9-10-85, Cl. 273-186.00C.

Slagle, Richard M., to Joy Manufacturing Company. Control system and method for operating mining machine traction motors and the like. 4,549,119, 10-22-85, Cl. 318-11.000.

Slak, William M.: *See—*

Boettcher, Charles W., Jr.; Hamilton, Billy H.; Slak, William M.; and Zweig, Walter L., 4,520,437, Cl. 363-41.000.

Slamecka, Ernst. High-voltage gas-blast puffer type circuit-breaker. 4,524,257, 6-18-85, Cl. 200-148.00A.

Slaminski, J. Michael, to Slaminski, J. Michael; and Haefliger, William W., a part interest. Lightweight solar collector. 4,520,796, 6-4-85, Cl. 126-445.000.

Slana, Matthew F.: *See—*

Lehman, Harvey R.; and Slana, Matthew F., 4,547,877, Cl. 370-58.000.

Slantinova, Jirina: *See—*

Simek, Petr; Barth, Tomislav; Brtnik, Frantisek; Jost, Karel; Machova, Alena; Servitova, Linda; and Slantinova, Jirina, 4,508,645, Cl. 260-112.50R.

Slarve, Michael. Safety helmet. 4,559,586, 12-17-85, Cl. 362-106.000.

Slaten, Gary G., to Discovision Associates. Stamper and method for injection molding information bearing member. 4,500,392, 2-19-85, Cl. 204-5.000.

Slater, Christopher J., to Dunlop Limited. Flexible hose. 4,509,558, 4-9-85, Cl. 138-104.000.

Slater Electric Inc.: *See—*

Bowden, Wade R., Jr.; and Herzfeld, David, 4,505,403, Cl. 220-242.000.

Devitt, Charles J.; Freeman, LeRoy M.; and Slater, Saul I., 4,556,863, Cl. 340-81.00R.

Gallas, Gunter A., 4,513,492, Cl. 29-564.700.

Gallas, Gunter A., 4,536,613, Cl. 174-65.00R.

Meehan, James E., 4,500,746, Cl. 174-48.000.

Slater Gabriel, Nancy J.: *See—*

Tabatabaie-Alavi, Kamal; Choudhury, Abu N. M. M.; Slater Gabriel, Nancy J.; and Fonstad, Clifton G., 4,494,995, Cl. 148-1.500.

Slater, Glenn L.: *See—*

Fowles, Thomas A.; Slater, Glenn L.; and Winchell, David A., 4,511,529, Cl. 264-515.000.

Slater, Harry F. Differential flow hydraulic transmission. 4,493,189, 1-15-85, Cl. 60-489.000.

Slater, Michael: *See—*

Topol, Peter; and Slater, Michael, 4,531,114, Cl. 340-539.000.

Slater, Paul: *See—*

Scott, Michael J.; Slater, Paul; and Brooshooft, Lawrence H., 4,516,577, Cl. 128-330.000.

Slater, Robert A.: *See—*

Emmett, John C.; Slater, Robert A.; and Warrington, Brian H., 4,556,711, Cl. 544-357.000.

Slater, Saul I.: *See—*

Devitt, Charles J.; Freeman, LeRoy M.; and Slater, Saul I., 4,556,863, Cl. 340-81.00R.

Slattery, Gordon C., to Brunswick Corporation. Starting enrichment of alternate firing two cycle internal combustion engine. 4,509,472, 4-9-85, Cl. 123-179.00G.

Slattery, Gordon C., to Brunswick Corporation. Throttle and spark linkage for an outboard motor. 4,528,954, 7-16-85, Cl. 123-413.000.

Slattery, Gordon C., to Brunswick Corporation. Internal combustion engine with air-fuel mixture heating. 4,534,333, 8-13-85, Cl. 123-545.000.

Slattery, Gordon C., to Brunswick Corporation. Recoil starter lock and neutral gear throttle limit for marine drives. 4,534,739, 8-13-85, Cl. 440-84.000.

Slattery, Gordon C., to Brunswick Corporation. Outboard motor shift shaft connecting pin lock. 4,548,587, 10-22-85, Cl. 440-86.000.

Slattery, Ian, to Spencer Wright Industries, Inc. Tufting machines. 4,501,212, 2-26-85, Cl. 112-266.200.

Slattery, Ian, to Spencer Wright Industries, Inc. Cut/loop hook for tufting machines. 4,522,132, 6-11-85, Cl. 112-79.00R.

Slattery, Ian, to Spencer Wright Industries, Inc. Knife blocks. 4,528,921, 7-16-85, Cl. 112-79.00R.

Slattery, Ian: *See—*

Ingram, Gary L.; and Slattery, Ian, 4,557,208, Cl. 112-266.200.

Price, Herbert B.; and Slattery, Ian, 4,548,140, Cl. 112-79.00R.

Slattery, Walter T. Compact versatile portable cooker. 4,508,096, 4-2-85, Cl. 126-9.00R.

Slaugh, Lynn H., to Shell Oil Company. Process for producing wide pore catalyst supports. 4,559,321, 12-17-85, Cl. 502-263.000.

Slaugh, Lynn H.: *See—*

Lewis, Robert M.; and Slaugh, Lynn H., 4,497,908, Cl. 502-245.000.

Ryan, Robert C.; and Slaugh, Lynn H., 4,514,336, Cl. 260-413.000.

Slaughter, Grimes G. Signal detector. 4,504,786, 3-12-85, Cl. 324-78.00R.

Slaughter Knife Co., Inc.: *See—*

Slaughter, Richard L., 4,494,310, Cl. 30-155.000.

Slaughter, Richard L., to Slaughter Knife Co., Inc. Belt buckle knife. 4,494,310, 1-22-85, Cl. 30-155.000.

Slaughterbeck, Perry K. Protective sleeve for sphygmomanometer cuff. 4,548,249, 10-22-85, Cl. 150-52.00R.

Slavens, Clyde M., to Evans Pipeline Equipment Company. Internal pipe welding apparatus. 4,525,616, 6-25-85, Cl. 219-60.00R.

Slavik, Walter; and Rebsamen, Arthur, to Maschinenfabrik Schweiter AG. Traverse winding frame for producing the winding of a package. 4,515,320, 5-7-85, Cl. 242-18.0DD.

Slavik, William H., to Nuvatec, Inc. Recreational vehicle power control system. 4,499,385, 2-12-85, Cl. 307-10.00R.

Slavik, William H.; and Huber, William B., to Nuvatec, Inc. Intravenous set flow control device. 4,525,163, 6-25-85, Cl. 604-65.000.

Slavik, William H.; and Huber, William B., to Nuvatec, Inc. Intravenous set. 4,551,134, 11-5-85, Cl. 604-67.000.

Slavin, Martin J., to Intech Systems Corp. Differential doppler for blood flow measurement. 4,515,164, 5-7-85, Cl. 128-663.000.

Slavin, Michael; and Miller, Ellsworth S., to Lectron Products, Inc. Electric wiring terminal and method of making same. 4,538,045, 8-27-85, Cl. 219-91.210.

Slavin, Michael; and Miller, Ellsworth S., to Lectron Products, Inc. Electric wiring terminal and method of making same. 4,554,406, 11-19-85, Cl. 174-94.00R.

Slavin, Michael; Martus, Charles R.; and Miller, Ellsworth S., to Lectron Products, Inc. Turbo boost valve. 4,561,631, 12-31-85, Cl. 251-129.200.

Slavin, Sidney H. Spinning optics device. 4,522,474, 6-11-85, Cl. 351-203.000.

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Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., 4,531,934, Cl. 604-22.000.

Slawinski, Christopher; Doering, Robert R.; and Teng, Clarence W., to Texas Instruments Incorporated. Integrated circuit fabrication method utilizing selective etching and oxidation to form isolation regions. 4,561,172, 12-31-85, Cl. 29-576.00W.

Slawy, Serge; Louvet, Olivier F.; and Dauphin, Jean L. Time division switching system for circuit mode and packet mode channels. 4,494,231, 1-15-85, Cl. 370-60.000.

Slawyk, Wilhelm; Balle, Gerhard; Munzer, Manfred; and Wohnhas, Adolf, deceased (by Wohnhas, Hannelor R. I., legal representative), to Bayer Aktiengesellschaft. High-impact polymer alloys. 4,507,444, 3-26-85, Cl. 525-455.000.

Slechta, Leo J., Jr.: *See—*

Manning, Bennett W.; Slechta, Leo J., Jr.; and Wen, Kuo Y., 4,504,907, Cl. 364-200.000.

Sledmere, Alan B., to Klinger AG. Magnetically operated liquid level indicator. 4,512,190, 4-23-85, Cl. 73-319.000.

Slee, Robert K., to South London Electrical Equipment Company Limited. Apparatus for feeding components to a work station. 4,537,552, 8-27-85, Cl. 414-222.000.

Slee, Roger H., to AE PLC. Pistons for internal combustion engines. 4,510,895, 4-16-85, Cl. 123-48.00B.

Slee, Roger H., to AE PLC. Valve seat inserts. 4,522,161, 6-11-85, Cl. 123-41.850.

Sleeper & Hartley Corp.: *See—*

Russell, Frank S.; and Simonelli, Robert J., 4,524,597, Cl. 72-135.000.

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Slegeir, William A.; Healy, Francis E.; and Sapienza, Richard S., to United States of America, Energy. Low temperature aqueous desulfurization of coal. 4,561,859, 12-31-85, Cl. 44-1.0SR.

Sleger, Leon F.: *See—*

DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., 4,501,064, Cl. 29-832.000.

Slemmons, Arthur J.; and Newgard, Peter J., to SRI International. Fiber-reinforced concrete solar collector. 4,515,151, 5-7-85, Cl. 126-450.000.

Slemon, Clarke E.: *See—*

Bharucha, Kekhusroo R.; and Slemon, Clarke E., 4,547,271, Cl. 204-59.00R.

Slettenmark, Bruno, to Siemens Aktiengesellschaft. Method and a liquid jet printer for generating at least two separately disposed points on a recording medium. 4,553,147, 11-12-85, Cl. 346-75.000.

Slezak, Adolf: *See—*

Cech, Miloslav; Slezak, Adolf; and Vasicek, Vladimir, 4,494,578, Cl. 139-188.00A.

Slezak, Paul J., to KHD Canada, Inc. Hydrodynamic power transmission unit. 4,534,456, 8-13-85, Cl. 192-58.00A.

Slezak, Pavel J.: *See—*

Vosmeyer, Wilhelm; Cole, Roderick; and Slezak, Pavel J., 4,515,111, Cl. 123-41.610.

Slicker, James M., to Eaton Corporation. Pulse width modulation inverter with battery charger. 4,491,768, 1-1-85, Cl. 318-139.000.

Slidex Corporation: *See—*

Ozeki, Jiro, 4,533,048, Cl. 206-455.000.

Ozeki, Jiro, 4,533,049, Cl. 206-455.000.

- Sliemers, Francis A.: *See—*
  - McGinniss, Vincent C.; and Sliemers, Francis A., 4,491,653, Cl. 525-356.000.
- Slife, Fred W., to FBC Limited. Herbicidal mixtures. 4,517,009, 5-14-85, Cl. 71-90.000.
- Sliger, Boyd P.: *See—*
  - Wagner, Joseph P.; and Sliger, Boyd P., 4,548,354, Cl. 236-345.000.
- Sliger, David E., to Storage Technology Corporation. Write drive with current mirrors which reduce feed-through. 4,551,772, 11-5-85, Cl. 360-46.000.
- Slik Tripod Co., Ltd.: *See—*
  - Kosugi, Yoshinobu; and Tachibana, Kaoru, 4,525,052, Cl. 354-293.000.
- Sling-All Ltd.: *See—*
  - O'Neill, Hugh, 4,523,526, Cl. 108-149.000.
- Slingr, Jaroslav: *See—*
  - Stejskal, Alois; Havranek, Zdenek; Stepanek, Miroslac; Hrdina, Jan; Cada, Frantisek; Borovcova, Zelmira; and Slingr, Jaroslav, 4,527,384, Cl. 57-404.000.
- Slinn, David S. L.: *See—*
  - Lloyd, Harold; and Slinn, David S. L., 4,514,607, Cl. 200-150.00A.
- Slinsky, Albert. Drill bit sharpener. 4,520,599, 6-4-85, Cl. 51-219.00R.
- Sliski, Alan P.: *See—*
  - Shambroom, John R.; and Sliski, Alan P., 4,538,069, Cl. 250-491.100.
  - Shambroom, John R.; and Sliski, Alan P., 4,539,835, Cl. 73-1.00J.
- Sliva, Philip G.: *See—*
  - Ives, Donald T.; Madill, Michael J.; and Sliva, Philip G., 4,514,444, Cl. 427-242.000.
- Sliwa, John W., Jr., to Xerox Corporation. Interfacial blister bonding for microinterconnections. 4,535,219, 8-13-85, Cl. 219-121.0LC.
- Sloan, Albert H. Protective control system for engine. 4,502,090, 2-26-85, Cl. 361-153.000.
- Sloan, Albert H. Well point system and apparatus. 4,515,517, 5-7-85, Cl. 417-46.000.
- Sloan, Albert H. Sewerage pumping means for lift station. 4,529,359, 7-16-85, Cl. 417-34.000.
- Sloan, Jack: *See—*
  - Wilensky, Joseph, 4,553,397, Cl. 60-649.000.
- Sloan, Jack C.: *See—*
  - Wilensky, Joseph, 4,551,979, Cl. 60-648.000.
- Sloan, Jerry L.: *See—*
  - Julian, John C.; Sloan, Jerry L.; and Wheeler, Lee A., 4,523,503, Cl. 83-403.000.
- Sloan-Kettering Institute for Cancer Research: *See—*
  - Pukel, Clifford S.; Lloyd, Kenneth O.; Travassos, Luiz R.; Dippold, Wolfgang G.; Oettgen, Herbert F.; and Old, Lloyd J., 4,507,391, Cl. 436-504.000.
  - Real, Francisco X.; Mattes, M. Jules; Houghton, Alan N.; Livingston, Philip O.; Lloyd, Kenneth O.; Oettgen, Herbert F.; and Old, Lloyd J., 4,562,160, Cl. 436-539.000.
  - Warrell, Raymond P., Jr.; and Bockman, Richard S., 4,529,593, Cl. 424-127.000.
- Sloan, Mark L.: *See—*
  - Roesner, Raymond E.; and Sloan, Mark L., 4,507,552, Cl. 250-259.000.
- Sloan Valve Company: *See—*
  - Allen, Charles S.; Berg, Arthur A.; Schmitt, Eugene W.; Stoltenberg, Michael R.; and Lissau, Frederic, 4,544,132, Cl. 251-318.000.
  - Berg, Arthur A., 4,550,928, Cl. 280-421.000.
  - Billeter, Henry R., 4,494,631, Cl. 188-153.00R.
  - Lissau, Frederic, 4,533,115, Cl. 251-142.000.
  - Lissau, Frederic, 4,544,046, Cl. 188-79.50K.
- Sloane, Neil J. A.: *See—*
  - Conway, John H.; and Sloane, Neil J. A., 4,507,648, Cl. 340-347.0DD.
- Slob, Arie: *See—*
  - Scholten, Carel S.; Slob, Arie; and Jansen, Pierre G., 4,510,612, Cl. 375-106.000.
  - te Velde, Ties S.; and Slob, Arie, 4,528,583, Cl. 357-71.000.
  - te Velde, Ties S.; and Slob, Arie, 4,536,948, Cl. 29-577.00C.
- Slobodnik, Lev. Auto flow controller. 4,561,566, 12-31-85, Cl. 222-56.000.
- Sloboth, Thomas A.: *See—*
  - Goodnow, Robert A.; Shade, Floyd J.; and Sloboth, Thomas A., 4,530,832, Cl. 424-92.000.
- Slocomb Industries, Inc.: *See—*
  - Cunningham, Philip J.; and Slocomb, Leon F., Jr., 4,525,952, Cl. 49-449.000.
- Slocomb, Leon F., Jr.: *See—*
  - Cunningham, Philip J.; and Slocomb, Leon F., Jr., 4,525,952, Cl. 49-449.000.
- Slocum, Chester D.; and Batty, John R., Jr., to Cordis Corporation. Implant telemetry system. 4,494,545, 1-22-85, Cl. 128-419.00P.
- Slocum, Chester D., to Cordis Corporation. Apparatus and process for communicating an electrogram. 4,528,987, 7-16-85, Cl. 128-696.000.
- Slocum, Chester D.; and Cutolo, Vincent T., to Cordis Corporation. Analog telemetry system for biomedical implant. 4,543,953, 10-1-85, Cl. 128-419.0PT.
- Slocum, Chester D.: *See—*
  - Batty, John R., Jr.; and Slocum, Chester D., 4,550,732, Cl. 128-419.0PG.
- Slominski, John T.: *See—*
  - Bursh, Talmage P., Jr.; Davis, Dean I.; Slominski, John T.; and Swartz, Raymond K., 4,510,346, Cl. 174-36.000.
- Slomski, Bruce A.: *See—*
  - Ryan, Charles W.; and Slomski, Bruce A., 4,501,921, Cl. 564-99.000.
- Slongo, Mario; and Karrer, Friedrich, to Ciba-Geigy Corporation. Polyalkylpiperidinesulfonic acid esters. 4,537,923, 8-27-85, Cl. 524-100.000.
- Slonicki, Alex. Foot scrubber with soap dispenser for user who cannot reach his feet. 4,532,668, 8-6-85, Cl. 15-104.920.
- Slope Indicator Co.: *See—*
  - Twomey, James R.; McCutcheon, Hugh W.; and Harris, Richard K., 4,517,842, Cl. 73-701.000.
- Slosser, James D.: *See—*
  - Fogt, Kenneth E.; Slosser, James D.; Varos, John A.; and Radhakrishnan, Gopinath, 4,526,828, Cl. 428-229.000.
- Slotboom, Jan W.: *See—*
  - Harwig, Hendrik A.; Slotboom, Jan W.; and Pelgrom, Marcellinus J. M., 4,504,930, Cl. 365-238.000.
- Slotman, Wilhelmus: *See—*
  - Oppenlaender, Knut; Fikentscher, Rolf; Buettner, Egon; Slotman, Wilhelmus; Schwartz, Erich; and Mohr, Rudolf, 4,537,701, Cl. 252-344.000.
- Slottag, Mark J., to GCA Corporation. Microwave heating device with constant temperature control of the magnetron. 4,517,430, 5-14-85, Cl. 219-10.55B.
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  - Tkac, Alexander; and Cvengros, Jan, 4,504,361, Cl. 202-172.000.
- Slovenska vysoka skola technikav Bratislava: *See—*
  - Tkac, Alexander; and Cvengros, Jan, 4,500,390, Cl. 159-6.100.
- Slovinsky, Manuel: *See—*
  - Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., 4,507,470, Cl. 528-499.000.
  - Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., 4,529,794, Cl. 528-499.000.
- Sloviter, Henry A., to University of Pennsylvania, Trustees of the. Process for preparing perfluorochemical emulsion artificial blood. 4,497,829, 2-5-85, Cl. 514-672.000.
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  - Grainge, Richard W.; and Slow, Dennis, 4,494,830, Cl. 350-486.000.
- Slump, William R., to United States of America, Navy. Pulsewidth modulated, charge transfer, digital to analog converter. 4,516,111, 5-7-85, Cl. 340-347.0DA.
- Slump, William R.: *See—*
  - Frampton, Victor A.; Drake, James R.; and Slump, William R., 4,532,516, Cl. 343-17.700.
- Slungaard, Knut, deceased: *See—*
  - Nilsson, Rolf; Bjornfoth, Hakan; and Slungaard, Knut, deceased, 4,543,808, Cl. 72-137.000.
- Slusarchyk, William A.; and Kronenthal, David, to E. R. Squibb & Sons, Inc. 2-oxoazetidin-1-yloxymethyl sulfonic acid and analogs. 4,551,276, 11-5-85, Cl. 260-239.00A.
- Slusarchyk, William A.: *See—*
  - Sykes, Richard B.; Parker, William L.; Cimarusti, Christopher M.; Koster, William H.; and Slusarchyk, William A., 4,529,698, Cl. 435-121.000.
- Slusarek, Wojciech: *See—*
  - Sandefur, Louise O.; Slusarek, Wojciech; Wilson, Burton D.; and Maggiulli, Cataldo A., 4,515,947, Cl. 544-295.000.
- Slusher, Gary L.: *See—*
  - Daneshy, Abbas A.; Chisholm, Pat T.; Magee, Dan A.; and Slusher, Gary L., 4,529,036, Cl. 166-254.000.
- Slushnene, Iolita R.: *See—*
  - Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.
- Slutsky, Joel: *See—*
  - Siuta, Vincent P.; and Slutsky, Joel, 4,521,329, Cl. 252-512.000.
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- Slyman Manufacturing Corporation: *See—*
  - Buehl, Arnold L., 4,533,318, Cl. 431-328.000.
- SMA Controls Inc.: *See—*
  - Brennan, Albert T., 4,498,820, Cl. 409-179.000.
- SMA Schaut GmbH, Firma: *See—*
  - Schaut, Josef; Ruppel, Peter; and Hultner, Karl, 4,556,302, Cl. 354-83.000.
- SMAC Acieroid: *See—*
  - Marchais, Jean; and Netter, Michel, 4,558,550, Cl. 52-309.700.
  - Reneault, Patrick; and Ovaert, Francis, 4,551,958, Cl. 52-309.400.
- Smades, Jack E., to Sanders Associates, Inc. Precision wire grid glass digitizing tablets. 4,513,043, 4-23-85, Cl. 428-113.000.
- Smades, Jack E., to Sanders Associates, Inc. Precision wire grid glass digitizing tablets. 4,549,918, 10-29-85, Cl. 156-160.000.
- Smagiel, Gary S.: *See—*
  - Harter, James W.; and Smagiel, Gary S., 4,561,233, Cl. 52-588.000.
- Smagin, Vladimir I.: *See—*
  - Vinogradov, Viktor N.; and Smagin, Vladimir I., 4,503,901, Cl. 164-212.000.
- Smagner, John D. Trap boot. 4,505,064, 3-19-85, Cl. 43-96.000.

- Smagula, Michael S.: *See—*
  - Anderson, Noel E.; Fletcher, Donald E.; Smagula, Michael S.; and Parker, Darrell S., 4,554,169, Cl. 426-576.000.
- Smakman, Robert; and van den Berg, Gerrit H., to Organon Teknika B.V. Dialysis apparatus and process for controlling the phosphate level of blood. 4,542,015, 9-17-85, Cl. 424-79.000.
- Smakman, Theodorus H.: *See—*
  - Schlosser, Theodoor A. J.; and Smakman, Theodorus H., 4,556,987, Cl. 455-161.000.
- Smakula, Peter H. Truss rod apparatus. 4,508,003, 4-2-85, Cl. 84-293.000.
- Smalheiser, Lawrence A., to Stauffer Chemical Company. Process for absorption of SO_2 into phosphate absorbent. 4,519,994, 5-28-85, Cl. 423-242.000.
- Small, Augustus B.; Hughes, Vincent L.; and Benitez, Francisco M., to Exxon Research & Engineering Co. Process for preparing light colored petroleum resins and resins produced thereby. 4,562,233, 12-31-85, Cl. 526-76.000.
- Small, Augustus B.: *See—*
  - Evans, Morris L.; and Small, Augustus B., 4,558,107, Cl. 526-237.000.
- Small, Edward A., to British American Bank Note Inc. Plastic identification card having forgery protection with respect to embossed information. 4,511,908, 4-16-85, Cl. 346-206.000.
- Small, Edward A.; and Wright, Geoff C., to British American Bank Note Inc. Printed magnetic encoding panel. 4,522,428, 6-11-85, Cl. 283-82.000.
- Small, Hamish: *See—*
  - Miller, Theodore E., Jr.; and Small, Hamish, 4,532,811, Cl. 73-861.050.
- Small, Irvin L., to Horace Small Manufacturing Company. Adaptive ballistic panel carrying garment. 4,507,802, 4-2-85, Cl. 2-2.500.
- Small, LeRoy O. Variable position light stand. 4,523,256, 6-11-85, Cl. 362-11.000.
- Small, Maynard E. Bingo game involving promotional coupons. 4,509,759, 4-9-85, Cl. 273-269.000.
- Small Precision Tools, Inc.: *See—*
  - Ellett, Kenneth W.; and Glutz, Peter, 4,513,190, Cl. 219-56.210.
- Small, Richard D., Jr., to AT&T Technologies, Inc. Multilayer hybrid integrated circuit. 4,554,229, 11-19-85, Cl. 430-17.000.
- Small, Richard D., Jr.: *See—*
  - Ors, Jose A.; and Small, Richard D., Jr., 4,511,757, Cl. 174-68.500.
- Small, Tony M.: *See—*
  - Smith, Harry D., Jr.; Small, Tony M.; and Deaton, John G., 4,504,736, Cl. 250-256.000.
- Small, Vincent J., to Boeing Company, The. Digital conversion circuit and method for testing digital information transfer systems based on serial bit communication words. 4,513,419, 4-23-85, Cl. 371-29.000.
- Small Waters, Inc.: *See—*
  - Horton, Jerry L., 4,537,144, Cl. 114-61.000.
- Small, William M., to Phillips Petroleum Company. Baffle. 4,490,896, 1-1-85, Cl. 29-157.30R.
- Smallbrook, Henry C.; and Spicer, William E. Air brake slack adjustment and measurement tools. 4,550,460, 11-5-85, Cl. 7-164.000.
- Smallegan, Jon M., to Multifastener Corporation. Fastener installation apparatus. 4,505,416, 3-19-85, Cl. 227-120.000.
- Smalley, Daniel S. Induction furnace monitor. 4,525,665, 6-25-85, Cl. 324-52.000.
- Smalley, Ned J., to Owens-Illinois, Inc. Tamper indicating, non-resealable closure. 4,501,371, 2-26-85, Cl. 215-232.000.
- Smallwood, John W. Folder for papers. 4,561,794, 12-31-85, Cl. 402-75.000.
- Smarandoiu, George; and Perlegos, George, to Seeq Technology, Inc. Sense amplifier for use with a semiconductor memory array. 4,535,259, 8-13-85, Cl. 307-530.000.
- Smarandoiu, George; and Perlegos, George, to Seeq Technology, Inc. Enabling circuit for redundant word lines in a semiconductor memory array. 4,538,245, 8-27-85, Cl. 365-200.000.
- Smart, Colin: *See—*
  - Clarke, David E.; Davies, James F.; Smart, Colin; and Tune, John B., 4,555,354, Cl. 252-90.000.
- Smart, David C., to Eastman Kodak Company. Shutter mechanism. 4,497,553, 2-5-85, Cl. 354-135.000.
- Smart, Frederick R., to Huyck Corporation. Papermaker felt with a three-layered base fabric. 4,503,113, 3-5-85, Cl. 428-234.000.
- Smart, William A., Jr., to Bradley Corporation. Remotely controllable reset mechanism for a vacuum-actuated system. 4,552,331, 11-12-85, Cl. 251-95.000.
- Smart, William A., Jr.: *See—*
  - Barnum, Thomas G.; Smart, William A., Jr.; and Mullett, Donald H., 4,538,307, Cl. 4-427.000.
- Smart, William L.: *See—*
  - Woodruff, Frederick W.; Hughey, Daniel C.; and Smart, William L., 4,506,260, Cl. 340-649.000.
- Smarte Carte, Inc.: *See—*
  - Muellner, James M.; and Pastien, Eugene R., 4,518,072, Cl. 194-4.00D.
  - Pastien, Eugene R., 4,518,073, Cl. 194-4.00C.
- Smatana, Josef: *See—*
  - Rajsigl, Zdenek; Mladek, Milos; Blasko, Michal; and Smatana, Josef, 4,513,566, Cl. 57-406.000.
- Smead, Robert G.: *See—*
  - Demeny, Gary L.; and Smead, Robert G., 4,550,678, Cl. 118-630.000.
- Smearing, Robert W.; and Floryan, Daniel E., to General Electric Company. Foamable polyetherimide resin formulation. 4,543,368, 9-24-85, Cl. 521-90.000.
- Smeatham, Charles A.: *See—*
  - Cooke, Edward I.; Pinnington, Arthur J.; and Smeatham, Charles A., 4,541,979, Cl. 264-174.000.
- Smedberg, Olof R., to RY AB, Fack; and AB Wilh. Becker, Fack. Surface treatment of sheet material. 4,554,959, 11-26-85, Cl. 144-380.000.
- Smeets, Andreas L. M. T.: *See—*
  - van den Wildenberg, Adrianus M. M.; and Smeets, Andreas L. M. T., 4,524,747, Cl. 123-557.000.
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- Smeets, Frans H. M., to U.S. Philips Corporation. Inductive device. 4,517,509, 5-14-85, Cl. 323-362.000.
- Smeets, Louis M.: *See—*
  - Laarhoven, Johannes J.; van Dongeren, Jan P.; de Wit, Hendrik; and Smeets, Louis M., 4,492,867, Cl. 250-341.000.
- Smeiman, Wilfred. Process and apparatus for rejuvenating electrostatic copy machine toner. 4,537,850, 8-27-85, Cl. 430-137.000.
- Smejda, Richard K. Continuous system for treating fabrics. 4,494,389, 1-22-85, Cl. 68-5.00C.
- Smeltzer, Dennis V.: *See—*
  - Unger, Kim N.; Tibbals, Rory L.; and Smeltzer, Dennis V., 4,507,198, Cl. 209-166.000.
- Smeltzer, Eugene E.; Ichikawa, Yoshio; and Schneider, George N., Jr., to Westinghouse Electric Corp. Encapsulation of boric acid slurries. 4,504,317, 3-12-85, Cl. 106-90.000.
- Smeltzer, Eugene E.; and Skriba, Michael C., to Westinghouse Electric Corp. Encapsulation of ion exchange resins. 4,530,723, 7-23-85, Cl. 106-90.000.
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  - Kim, Kyong M.; Smetana, Pavel; and Schwuttke, Gunther H., 4,556,448, Cl. 156-605.000.
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  - Zwijsen, Wilhelmus A. J. M.; Duijndam, Cornelis P. J.; and Smeulers, Wouter, 4,520,393, Cl. 358-149.000.
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- Smiley, James B.: *See—*
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- Smillie, John G., to Aurora Industries, Inc. Apparatus and method for manufacturing cured resin-coated particles for use as a proppant. 4,494,318, 1-22-85, Cl. 34-112.000.
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  - Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
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- Smit, Hermanus, to U.S. Philips Corporation. Coaxial cable with a connector. 4,515,427, 5-7-85, Cl. 339-177.00E.
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  - de Greef, Magdel N.; and Smit, Ian D., 4,520,809, Cl. 128-200.240.
- Smit, Jacobus A. J.: *See—*
  - Poll, Ian; and Smit, Jacobus A. J., 4,519,321, Cl. 110-263.000.
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- Smith, Alan K.; and Alexander, Stephen R. Ambidextrous gun magazine release. 4,521,985, 6-11-85, Cl. 42-7.000.
- Smith, Alan M.; and Taylor, Peter J., to BICC Public Limited Company. Optical fiber duplex coupler. 4,530,566, 7-23-85, Cl. 350-96.200.
- Smith, Alan M.: *See—*
  - Pettigrew, Robert M.; Bradbrook, John D.; Smith, Alan M.; and Fisher, John H., 4,522,482, Cl. 355-3.00R.
- Smith, Albert W. Cylinder displaceable power swivel for a portable drilling apparatus and a process therefor. 4,496,006, 1-29-85, Cl. 173-28.000.
- Smith, Alexander B.: *See—*
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- Smith, Alfred A., to Guardian Products Company, Inc. Height adjustable crutch. 4,509,741, 4-9-85, Cl. 272-69.000.
- Smith, Alfred E.: *See—*
  - Bashleben, Christine P.; Shay, Gregory D.; and Smith, Alfred E., 4,529,767, Cl. 524-323.000.
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  - Zanavich, James K.; and Smith, Alfred M., 4,540,160, Cl. 256-19.000.
- Smith, Allen C., Jr., to Westinghouse Electric Corp. Discharge tube for inhibiting stratification in feedwater headers of a steam generator. 4,502,419, 3-5-85, Cl. 122-32.000.
- Smith, Arnold M. Ring joint gasket. 4,550,921, 11-5-85, Cl. 277-167.500.
- Smith, Arnold R., to AT&T Bell Laboratories. Automatic locking device. 4,534,586, 8-13-85, Cl. 292-228.000.
- Smith, Arnold R., to AT&T Bell Laboratories. Cable terminal pedestal. 4,540,846, 9-10-85, Cl. 174-38.000.
- Smith, Arthur B.: *See—*
  - Pytlewski, Louis L.; Krevitz, Kenneth; and Smith, Arthur B., 4,523,043, Cl. 568-840.000.
- Smith, Arthur J. Carburetor. 4,505,863, 3-19-85, Cl. 261-34.00A.
- Smith, B. Thomas: *See—*
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- Smith, Barry L.; Hoelscher, James R.; and Petit, William A., to General Signal Corporation. Microprocessor based track circuit for occupancy detection and bidirectional code communication. 4,498,650, 2-12-85, Cl. 246-122.00R.
- Smith, Barry L., to UMC Industries, Inc. Coin apparatus. 4,550,819, 11-5-85, Cl. 194-1.00N.
- Smith, Barry L.: *See—*
  - Schuller, James T.; Smith, Barry L.; and Griner, Paul K., 4,512,454, Cl. 194-1.00D.
- Smith, Benjamin V.: *See—*
  - Smith, Bobby E.; and Smith, Benjamin V., 4,493,497, Cl. 285-13.000.
- Smith Berger Marine, Inc.: *See—*
  - Bullock, Kenneth W.; and Story, Robert J., 4,535,509, Cl. 17-58.000.
- Smith, Bernard: *See—*
  - Branovich, Louis E.; Smith, Bernard; and Freeman, Gerard L., 4,544,535, Cl. 423-290.000.
- Smith, Bobby E.; and Smith, Benjamin V. Pipe connection assembly. 4,493,497, 1-15-85, Cl. 285-13.000.
- Smith, Boyd E.: *See—*
  - Haas, Louis M.; Williams, Joy L.; and Smith, Boyd E., 4,527,716, Cl. 222-83.500.
- Smith, Brendan E., to Penlon Limited. Gas humidifying apparatus and method. 4,541,966, 9-17-85, Cl. 261-27.000.
- Smith, Brian, to British Steel Corporation. Electrical steels. 4,529,441, 7-16-85, Cl. 75-53.000.
- Smith, Brian C. Exercise device for swimmers. 4,560,160, 12-24-85, Cl. 272-133.000.
- Smith, C. Bruce. Aquaculture harvester. 4,509,285, 4-9-85, Cl. 43-9.000.
- Smith, C. Byron: *See—*
  - Dechow, Fred J.; Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,522,836, Cl. 426-271.000.
  - Mitchell, Donald H.; Pearce, Richard M.; Smith, C. Byron; and Brown, Sand T., 4,514,427, Cl. 426-271.000.
- Smith, Carl L., Jr.: *See—*
  - McCan, Duane A.; and Smith, Carl L., Jr., 4,517,924, Cl. 119-98.000.
- Smith, Carl W. Cement injection device. 4,546,767, 10-15-85, Cl. 128-92.00E.
- Smith, Cecil R., Jr.: *See—*
  - Powell, Richard G.; and Smith, Cecil R., Jr., 4,532,327, Cl. 546-214.000.
- Smith, Charles E., to Xerox Corporation. Recirculative document duplex copying. 4,561,772, 12-31-85, Cl. 355-14.0SH.
- Smith, Charles F.: *See—*
  - Bowling, Donald R.; and Smith, Charles F., 4,503,406, Cl. 333-245.000.
- Smith, Charles L., to JBA Company. ATM enclosure. 4,561,704, 12-31-85, Cl. 312-222.000.
- Smith, Charles W., Jr., to Autoclave Engineers, Inc. Rapid cool autoclave furnace. 4,532,984, 8-6-85, Cl. 165-61.000.
- Smith, Christopher G.; and Peters, John F., to PQ Corporation. Composites utilizing fillers of surface modified hollow microspheres. 4,508,856, 4-2-85, Cl. 523-218.000.
- Smith, Clarence, Jr.: *See—*
  - Beard, Frederick H.; Moyer, Maynard M.; and Smith, Clarence, Jr., 4,516,307, Cl. 29-564.000.
- Smith, Clayton C.: *See—*
  - Barnett, Loren A.; and Smith, Clayton C., 4,538,387, Cl. 52-169.500.
- Smith, Clinton R.: *See—*
  - Henderson, Harry E.; and Smith, Clinton R., 4,533,778, Cl. 585-13.000.
- Smith, Craig A., to Xerox Corporation. Time to completion interaction for a copier. 4,511,243, 4-16-85, Cl. 355-14.0CU.
- Smith, Dale E.; and Pinter, Warren H., to United Technologies Corporation. Method of manufacturing a filament wound article. 4,529,139, 7-16-85, Cl. 242-7.020.
- Smith, Dan G., to Shell Oil Company. Borehole fracture detection using magnetic powder. 4,491,796, 1-1-85, Cl. 324-346.000.
- Smith, Daniel G., to Upright, Inc. Steering system. 4,504,074, 3-12-85, Cl. 280-93.000.
- Smith, Daniel J., to Ethicon, Inc. Hard tissue surgical needle. 4,513,747, 4-30-85, Cl. 128-339.000.
- Smith, Daniel J.; Glasscock, Jessie F., Jr.; Poska, Richard P.; and Kuder, Carl L., to Upjohn Company, The. Tablet hardness tester. 4,542,646, 9-24-85, Cl. 73-78.000.
- Smith, Daniel J.: *See—*
  - Gressett, Charles A., Jr.; and Smith, Daniel J., 4,549,460, Cl. 84-298.000.
- Smith, Darrel E., to Ingersoll Cutting Tool Company, The. Thread-cutting apparatus. 4,531,863, 7-30-85, Cl. 407-113.000.
- Smith, David A., to APV Company Limited. Valve operating cylinder unit. 4,523,515, 6-18-85, Cl. 92-59.000.

Smith, David B.; Miller, Randolph F.; and Moore, John M., to Precor Incorporated. Pedal-operated, stationary exercise device. 4,533,136, 8-6-85, Cl. 272-73.000.

Smith, David C.; and Noto, Richard, to United States of America, Army. Automatic layout program for hybrid microcircuits (HYPAR). 4,500,963, 2-19-85, Cl. 364-300.000.

Smith, David C. Compact attic mounted solar heating pack assembly. 4,502,467, 3-5-85, Cl. 126-429.000.

Smith, David C.: *See—*

Meyerand, Russell G., Jr.; and Smith, David C., 4,543,484, Cl. 250-423.00P.

Smith, David Charles: *See—*

Naylor, Dennis, 4,542,881, Cl. 254-88.000.

Smith, David E.: *See—*

Distin, Robert G., Jr.; Lang, Thomas J.; and Smith, David E., 4,554,846, Cl. 74-805.000.

Smith, David G., to Wetzikon Holdings Ltd. Hockey practice device. 4,491,320, 1-1-85, Cl. 273-1.00B.

Smith, David H., to Binks Manufacturing Company. Reversible airless spray nozzle. 4,513,913, 4-30-85, Cl. 239-119.000.

Smith, David H., to Binks Manufacturing Company. Bead dispenser for paint striper. 4,518,121, 5-21-85, Cl. 239-526.000.

Smith, David H.: *See—*

Walsh, Ray P.; and Smith, David H., 4,541,156, Cl. 26-81.000.

Smith, David L. O.; and Lohnes, Robert A., to Iowa State University Research Foundation, Inc. Triaxial apparatus for testing particulate material and method of using the same. 4,502,338, 3-5-85, Cl. 73-819.000.

Smith, David N. Bow motor assembly. 4,529,386, 7-16-85, Cl. 440-54.000.

Smith, David R., to Hesston Corporation. Flat fold implement frame. 4,512,416, 4-23-85, Cl. 172-776.000.

Smith, David R.; and Herron, Maynard M., to Hesston Corporation. Spring cushion chisel plow shank assembly. 4,520,878, 6-4-85, Cl. 172-705.000.

Smith, David T.: *See—*

Roberts, Graham S.; Smith, David T.; and Woolsey, Brian J., 4,506,595, Cl. 98-31.000.

Smith, David W., to National Distillers and Chemical Corporation. Manufacture of oxygenated compounds. 4,514,521, 4-30-85, Cl. 518-700.000.

Smith, David W.; and Wyatt, Richard, to British Telecommunications. Laser light sources. 4,556,980, 12-3-85, Cl. 372-28.000.

Smith, David W.: *See—*

Cammack, Michael A.; and Smith, David W., 4,561,593, Cl. 239-600.000.

Kerr, Ronald R., deceased; Smith, David W.; and Trenary, John M., 4,534,340, Cl. 128-66.000.

Smith, Dennis C.; and Maijer, Rolf, to Dennis Smith Consulting Ltd.; and Romada Holdings Ltd. Bonding to calcified tissues. 4,548,583, 10-22-85, Cl. 433-228.100.

Smith, Dennis W.: *See—*

Allen, Terry S.; Smith, Dennis W.; and Jacobson, Peter E., 4,541,739, Cl. 384-470.000.

Borrelli, Nicholas F.; Hares, George B.; Smith, Dennis W.; and Wedding, Brent M., 4,537,612, Cl. 65-30.110.

Smith, Dexter E.; Steward, William S.; and Funk, Gary L., to Phillips Petroleum Company. Generation of a set point for process control. 4,543,637, 9-24-85, Cl. 364-500.000.

Smith, Don L.; and Smith, Shirley J., to Smith, Don L.; and Smith, Shirley J. Yeast and dough condition compositions. 4,501,757, 2-26-85, Cl. 426-62.000.

Smith, Donald E., to Protective Treatments, Inc. Trim strip with positioning leg. 4,502,259, 3-5-85, Cl. 52-208.000.

Smith, Donald E.: *See—*

Colvin, Howard A.; Fiedler, Ronald D.; Muse, Joel, Jr.; and Smith, Donald E., 4,528,413, Cl. 585-440.000.

Smith, Donald F., Jr.: *See—*

Chow, Sui W.; and Smith, Donald F., Jr., 4,507,363, Cl. 428-418.000.

Corcoran, Richard J.; Kopf, Peter W.; and Smith, Donald F., Jr., 4,556,693, Cl. 525-162.000.

Weber, Robert J., Jr.; and Smith, Donald F., Jr., 4,504,635, Cl. 525-450.000.

Smith, Donald L., to Perkin-Elmer Corporation, The. Restricted ion source of high current density. 4,491,735, 1-1-85, Cl. 250-423.00R.

Smith, Donald L.; and Jones, David B., to Fairchild Camera & Instrument Corporation. Telephone regulator circuitry. 4,495,382, 1-22-85, Cl. 179-81.00R.

Smith, Donald L. Retractable conveyor belt. 4,523,669, 6-18-85, Cl. 198-313.000.

Smith, Donald L.: *See—*

Miller, Lee E.; Carr, Dennis D.; and Smith, Donald L., 4,517,264, Cl. 429-163.000.

Smith, Donald M., to Lubrizol Corporation, The. Sulfur-containing compounds and lubricants containing them. 4,519,925, 5-28-85, Cl. 252-48.600.

Smith, Donald P. Thermal treatment apparatus. 4,492,839, 1-8-85, Cl. 219-10.55R.

Smith, Donald P.; and Plumb, William W., to Smith, Donald P. High efficiency impingement heating and cooling apparatus. 4,523,391, 6-18-85, Cl. 34-225.000.

Smith, Donald R.: *See—*

Boyd, Mary G.; Smith, Donald R.; Imondi, Peter F.; Hiatt, Norman A.; Bauer, Fritz E.; Anemaet, John M.; and MacKenzie, Alfred K., 4,511,425, Cl. 156-493.000.

Geurtsen, Friedrich H. H.; Anemaet, John M.; Smith, Donald R.; and Boyd, Mary G., 4,555,436, Cl. 428-200.000.

Smith, Donald W., to Gala Industries, Inc. Underwater pelletizer with adjustable blade assembly. 4,500,271, 2-19-85, Cl. 425-67.000.

Smith, Douglas C., to AT&T Information Systems Inc. Resistive line circuit. 4,554,412, 11-19-85, Cl. 179-78.00R.

Smith, Douglas D., to Signetics Corporation. Voltage translator. 4,491,743, 1-1-85, Cl. 307-264.000.

Smith, Douglas D., to United States of America, Energy. Apparatus for accurately measuring high temperatures. 4,525,080, 6-25-85, Cl. 374-115.000.

Smith, Douglas D., to Signetics Corporation. Signal translator with supply voltage compensation particularly for use as interface between current tree logic and transistor-transistor logic. 4,527,078, 7-2-85, Cl. 307-475.000.

Smith, Douglas G.: *See—*

Al-Sheikh, Abdelraouf M.; Avci, Sakir T.; Kelso, Kenneth S.; Kwek, Seng H.; McBean, Lionel B.; Pugh, Stuart; and Smith, Douglas G., 4,544,178, Cl. 280-642.000.

Pugh, Stuart; Smith, Douglas G.; Lee, Chee M.; Parr, Leslie R.; Birkett, John N.; Stibbs, Richard G.; and Tai, Tet C., 4,515,333, Cl. 248-122.000.

Smith, Duaine W.: *See—*

Wyland, Alvin D.; Smith, Duaine W.; and Blackburn, Louis W., 4,521,658, Cl. 219-10.55B.

Smith, Durward A.: *See—*

Harris, Hubert; and Smith, Durward A., 4,524,681, Cl. 99-474.000.

Smith, Dwight, to Elkins, Marvin, a part interest. Stencilling device. 4,545,481, 10-8-85, Cl. 206-219.000.

Smith, Dwight D.; and Cranfill, Leonard J., to Stant Inc. Canister roll seam. 4,550,850, 11-5-85, Cl. 220-253.000.

Smith, Earnest L. Gourmet hot tamale machine. 4,498,377, 2-12-85, Cl. 99-450.700.

Smith, Edgar C.; and Campbell, James B., to Three Dimensional Photography Corp., The. Apparatus for stereoscopic photography. 4,494,864, 1-22-85, Cl. 355-22.000.

Smith, Edgar L. Device for extracting valve packing. 4,509,392, 4-9-85, Cl. 81-8.100.

Smith, Edgar M.: *See—*

Fitts, Robert W.; and Smith, Edgar M., 4,528,447, Cl. 250-213.0VT.

Smith, Edward D., to Cummins Engine Company, Inc. Fuel injection system. 4,505,244, 3-19-85, Cl. 123-447.000.

Smith, Edward D., to Cummins Engine Company, Inc. Solenoid operated unit injector having distinct timing, metering and injection periods. 4,531,672, 7-30-85, Cl. 239-89.000.

Smith, Edward D.: *See—*

Duggal, Vinod K.; Lyford-Pike, Edward J.; and Smith, Edward D., 4,553,504, Cl. 123-25.00J.

Smith, Edward F., III: *See—*

Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, 4,521,469, Cl. 428-35.000.

Butt, Sheldon H.; Smith, Edward F., III; and Gyurina, F. Dennis, 4,525,422, Cl. 428-418.000.

Haque, Reza; and Smith, Edward F., III, 4,524,089, Cl. 427-38.000.

Haque, Reza; Smith, Edward F., III; and Kadija, Igor V., 4,526,806, Cl. 427-41.000.

Smith, Edwin B.; and Fogleboch, John R., Sr., to United States of America, Air Force. PLL swept frequency generator with programmable sweep rate. 4,546,328, 10-8-85, Cl. 331-4.000.

Smith, Edwin D. Tubulating device and method of tubulation. 4,502,878, 3-5-85, Cl. 65-36.000.

Smith, Eileen; Timperley, Doreen A.; and Titchener, Dorothy M., to Interox Chemicals Limited. Aqueous bleach compositions. 4,497,725, 2-5-85, Cl. 252-102.000.

Smith, Eileen; Timperley, Doreen A.; and Titchener, Dorothy M., to Interox Chemicals Limited. Liquid detergent compositions. 4,525,291, 6-25-85, Cl. 252-95.000.

Smith, Elizabeth M.; Doll, Ronald J.; and Neustadt, Bernard R., to Schering Corporation. Tricyclic lactams and derivatives useful in increasing cardiac contractility. 4,511,569, 4-16-85, Cl. 514-290.000.

Smith Engineering: *See—*

Smith, Jay, III; and Karr, Gerald S., 4,500,879, Cl. 340-739.000.

Smith, Jay, III; and Karr, Gerald S., 4,504,062, Cl. 273-313.000.

Smith, Eric: *See—*

Shiau, David W.; and Smith, Eric, 4,536,245, Cl. 156-307.300.

Smith, Eric M. Method and apparatus for the producing of liquid hydrogen. 4,530,744, 7-23-85, Cl. 204-129.000.

Smith, Ernest L., to Sealright Co., Inc. Tamper evident closure. 4,493,432, 1-15-85, Cl. 220-270.000.

Smith, Eugene E.: *See—*

Ratliff, Raymond W.; and Smith, Eugene E., 4,502,691, Cl. 273-349.000.

Smith, Eugene F.; and Nguyen, Tuan A., to Ball Corporation. Increased strength for metal beverage closure through reforming. 4,559,801, 12-24-85, Cl. 72-348.000.

Smith, Francis H., to Vickers Limited. Measuring microscope. 4,492,470, 1-8-85, Cl. 356-372.000.

Smith, Francis X.: *See—*

Ogunbiyi, Lai; Scott, Francis L.; and Smith, Francis X., 4,537,746, Cl. 422-28.000.

Smith, Frank: *See—*

Jones, Frederick W. S.; and Smith, Frank, 4,543,244, Cl. 423-522.000.

Smith, Frank E.: *See—*

Brifman, Josef; Chacon, M. Frank; Schmerda, Richard F.; and Smith, Frank E., 4,556,882, Cl. 340-825.060.

Smith, Frank R. Automatic air brake control. 4,553,788, 11-19-85, Cl. 303-7.000.

Smith, Frank T. J.: *See*—
Lawrence, David J.; Abbas, Daniel C.; Phelps, Daniel J.; and Smith, Frank T. J., 4,495,514, Cl. 357-67.000.

Smith, Fred J., to Jayem Dialer Corp. Automatic calling systems for accessing communications networks. 4,513,175, 4-23-85, Cl. 179-18.0BA.

Smith, Fred J.: *See*—
Duel, Don M.; and Smith, Fred J., 4,559,708, Cl. 33-178.00R.

Smith, Fritz A.; and Tabak, Samuel A., to Mobil Oil Corporation. Upgrading Fischer-Tropsch olefins. 4,544,792, 10-1-85, Cl. 585-533.000.

Smith, Gareth J. Vehicle tailgate extension assembly. 4,531,773, 7-30-85, Cl. 296-26.000.

Smith, Gary F., to General Electric Company. Copolyetherester-dimer ester-block copolymers. 4,562,232, 12-31-85, Cl. 525-444.500.

Smith, Gary F.: *See*—
Fox, Daniel W.; Peters, Edward N.; and Smith, Gary F., 4,510,289, Cl. 525-148.000.
Fox, Daniel W.; Peters, Edward N.; and Smith, Gary F., 4,511,693, Cl. 525-67.000.

Smith, Gary R., to Kusel Equipment Company. Portable cheese press frame assembly. 4,493,250, 1-15-85, Cl. 99-456.000.

Smith, Gary R.; Rutter, Larry J.; and Amer, James E., to Smith R.P.M. Corporation. Anti-wrinkle device. 4,552,295, 11-12-85, Cl. 226-195.000.

Smith, Gary T., to Pennwalt Corporation. Box filling apparatus. 4,534,156, 8-13-85, Cl. 53-503.000.

Smith, Gehrard J.; and Holly, Kenneth, to Elxsi. I/O bus clock. 4,519,034, 5-21-85, Cl. 364-200.000.

Smith, Gene. Toilet seat lifter. 4,534,073, 8-13-85, Cl. 4-251.000.

Smith, George B., II, to Drug Concentrates, Inc. Openable flexible packet. 4,498,591, 2-12-85, Cl. 206-620.000.

Smith, George E., to Electro-Flow Controls, Inc. Ultrasonic densitometer for liquid slurries. 4,522,068, 6-11-85, Cl. 73-32.00A.

Smith, George E. Liquid differential pressure measurement using a vertical manifold. 4,561,307, 12-31-85, Cl. 73-438.000.

Smith, George E.: *See*—
Stone, Richard J.; Dunegan, Luther H.; and Smith, George E., 4,546,640, Cl. 73-19.000.

Smith, George O. Waterproof axle system for a boat trailer. 4,557,526, 12-10-85, Cl. 301-124.00R.

Smith, George R. Conditioned air vestibule for refrigerated warehouse doorway. 4,516,482, 5-14-85, Cl. 98-36.000.

Smith, Gerald D., Jr.: *See*—
Dorsett, Danny R.; and Smith, Gerald D., Jr., 4,523,259, Cl. 362-120.000.

Smith, Gerald G.: *See*—
Magyar, Arpad M.; and Smith, Gerald G., 4,501,825, Cl. 521-78.000.

Smith, Gerald M.: *See*—
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Smith, Gerald Z., Jr.: *See*—
Smith, R. Scott; and Smith, Gerald Z., Jr., 4,511,753, Cl. 585-856.000.

Smith, Gilbert L.; Swanson, David L.; and Trick, Gilbert. Baking oven. 4,503,837, 3-12-85, Cl. 126-190.000.

Smith, Glen H., to Consolidated Controls Corporation. Disconnectable valve motor drive. 4,541,609, 9-17-85, Cl. 251-129.030.

Smith, Glenn S., to Beebe International, Inc. Suspended load transport apparatus. 4,552,073, 11-12-85, Cl. 105-154.000.

Smith, Gordon E., to Quest Medical, Inc. Metering device for intravenous fluids. 4,493,709, 1-15-85, Cl. 604-246.000.

Smith, Gordon H.: *See*—
Baker, William; Smith, Gordon H.; Beach, Xiomara I.; Sallee, Gary F.; Stein, Jeffrey I.; and Charest, George E., 4,521,915, Cl. 455-165.000.

Smith, Gordon R.; Stewart, John H.; and Bagnall-Wild, Ralph H., to Barr & Stroud Limited. Gun fire control systems. 4,494,198, 1-15-85, Cl. 364-423.000.

Smith, Gray H., Jr. Waterbed with sound wave system. 4,507,816, 4-2-85, Cl. 5-451.000.

Smith, Gregory A., to Lyall Electric, Inc. Mold for grommet mounted connector. 4,556,190, 12-3-85, Cl. 249-99.000.

Smith, Gregory L. Cable release mechanism. 4,540,210, 9-10-85, Cl. 294-82.340.

Smith, Guy L. B.; Howard, Derik; and Goedhals, Anton B., to Grathnail Development Company Limited. Pressure monitor. 4,494,106, 1-15-85, Cl. 340-58.000.

Smith, Harold A.: *See*—
Brownlie, Alan; Crawford, Jeffrey D.; and Smith, Harold A., 4,561,693, Cl. 297-306.000.

Smith, Harrison C., to Tele-Drill, Inc. Toroidal coupled telemetry apparatus. 4,525,715, 6-25-85, Cl. 340-854.000.

Smith, Harry D., Jr., to Halliburton Company. Determining elemental concentrations and formation matrix type from natural gamma ray spectral logs. 4,492,863, 1-8-85, Cl. 250-256.000.

Smith, Harry D., Jr.; and Schultz, Ward E., to Texaco Inc. Neutron well logging. 4,492,864, 1-8-85, Cl. 250-259.000.

Smith, Harry D., Jr.; Arnold, Dan M.; and Schultz, Ward E., to Halliburton Company. Method for monitoring drilling materials for gamma ray activity. 4,493,998, 1-15-85, Cl. 250-252.100.

Smith, Harry D., Jr.; Small, Tony M.; and Deaton, John G., to Halliburton Company. Gamma ray spectral tool for borehole use. 4,504,736, 3-12-85, Cl. 250-256.000.

Smith, Harry D., Jr., to Halliburton Company. Earth formation density measurement from natural gamma ray spectral logs. 4,527,058, 7-2-85, Cl. 250-256.000.

Smith, Harry D., Jr.: *See*—
Paap, Hans J.; and Smith, Harry D., Jr., 4,524,272, Cl. 250-265.000.

Smith, Harry L. O., to Beattie Systems, Inc. Bright viewing and focusing screens. 4,558,922, 12-17-85, Cl. 350-127.000.

Smith, Henry E., to Xerox Corporation. Paper thickness adjusting mechanism for impact printer. 4,514,101, 4-30-85, Cl. 400-59.000.

Smith, Henry I.: *See*—
Geis, Michael W.; and Smith, Henry I., 4,562,106, Cl. 428-195.000.

Smith, Herman W., to Upjohn Company, The. Analogs of 5,6-dihydro PGI_2. 4,496,742, 1-29-85, Cl. 548-516.000.

Smith, Herman W.: *See*—
Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,495,349, Cl. 544-97.000.
Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,521,599, Cl. 544-97.000.

Smith, Howard W., to United States of America, Air Force. X-ray goniometer. 4,534,050, 8-6-85, Cl. 378-81.000.

Smith, Ian K., to Solmecs Corporation. Method and apparatus for converting thermal energy. 4,557,112, 12-10-85, Cl. 60-651.000.

Smith International, Inc.: *See*—
Alder, Robert L., 4,491,186, Cl. 175-26.000.
Alder, Robert L., 4,545,241, Cl. 73-151.000.
Barron, Charles D.; and Kuus, Felix, 4,524,834, Cl. 166-385.000.
Baugh, Benton F.; Henderson, Herman O., Jr.; Fowler, John H.; and Ahlstone, Arthur, 4,540,053, Cl. 166-348.000.
Coates, J. Randall, 4,513,829, Cl. 175-339.000.
Dailey, Patrick E., 4,515,225, Cl. 175-40.000.
Ecer, Gunes M., 4,533,815, Cl. 219-121.0LF.
Furley, Richard G.; and Fowler, John H., 4,540,013, Cl. 137-75.000.
Garrett, William R., 4,499,924, Cl. 138-110.000.
Geczy, Bela A., 4,501,521, Cl. 411-217.000.
Geczy, Bela A., 4,511,193, Cl. 384-611.000.
Geczy, Bela A., 4,560,014, Cl. 175-107.000.
Hart, Lawrence D., 4,497,384, Cl. 175-315.000.
Hertz, Daniel L., Jr., 4,524,981, Cl. 277-210.000.
Horton, Roger L., 4,505,826, Cl. 252-8.55R.
Kar, Nareshchandra J.; and Roth, Cary A., 4,560,175, Cl. 277-92.000.
Kellner, Jackson M.; and Garrett, William R., 4,522,234, Cl. 138-108.000.
Leicht, Frederick M.; Baugh, Benton F.; and Palany, Harish C., 4,548,273, Cl. 166-348.000.
Muma, Brian C., 4,538,928, Cl. 384-96.000.
Nimmagadda, Rao R., 4,540,596, Cl. 427-37.000.
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Seger, Fritz O., 4,549,718, Cl. 251-121.000.
Serpa, Richard E., 4,496,013, Cl. 175-374.000.
Underwood, Lance D., 4,501,338, Cl. 175-229.000.
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Smith, Ira A., Jr.: *See*—
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Smith, Irl W., to Raytheon Company. High efficiency polarizing beamsplitter. 4,504,123, 3-12-85, Cl. 350-394.000.

Smith, Irl W.; and Dorschner, Terry A., to Raytheon Company. Laser gyroscope system. 4,548,501, 10-22-85, Cl. 356-350.000.

Smith, Irving. Foldable display stand. 4,493,424, 1-15-85, Cl. 211-149.000.

Smith, Isaac L.; and Nelson, Gunner E., to Ethyl Corporation. Silane purification process. 4,532,120, 7-30-85, Cl. 423-347.000.

Smith, J. Thomas: *See*—
French, Kenneth; Kocher, Robert C.; Piorkow, Alfred; Shaner, Kenneth; and Smith, J. Thomas, 4,533,251, Cl. 356-384.000.

Smith, Jack D.: *See*—
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Smith, Jackie E., to Hughes Tool Company. Method of connecting joints of drill pipe. 4,506,432, 3-26-85, Cl. 29-458.000.

Smith, James, to U.S. Philips Corporation. Modular display apparatus with means for preventing brightness variations. 4,525,653, 6-25-85, Cl. 315-366.000.

Smith, James A.; and Murphy, Betty J., to Creative Products Resource Associates, Ltd. Floor cleaning and waxing composition. 4,537,914, 8-27-85, Cl. 521-111.000.

Smith, James A.; and Kellett, George W., Jr., to Creative Products Resource Associates, Ltd. Automatic dishwasher product in solid form. 4,545,917, 10-8-85, Cl. 252-90.000.

Smith, James A.; and Murphy, Betty J., to Creative Products Resource Associates, Ltd. Floor cleaning composition. 4,548,954, 10-22-85, Cl. 521-52.000.

Smith, James A., to Creative Products Resource Associates, Ltd. Cosmetic applicator useful for skin moisturizing and deodorizing. 4,550,035, 10-29-85, Cl. 427-398.100.

Smith, James A.; and Murphy, Betty J., to Creative Products Resource Associates, Ltd. Floor cleaning composition. 4,551,481, 11-5-85, Cl. 521-52.000.

Smith, James A.; and Reilly, James E., to Creative Products Resource Associates, Ltd. Cosmetic applicator useful for skin moisturizing. 4,559,157, 12-17-85, Cl. 252-90.000.
Smith, James C.: *See—*
  Rehman, William R.; and Smith, James C., 4,553,701, Cl. 239-432.000.
Smith, James E.; and Cage, Donald R., to Micro Motion, Inc. Parallel path Coriolis mass flow rate meter. 4,491,025, 1-1-85, Cl. 73-861.380.
Smith, James E.: *See—*
  Warman, Thomas E.; Baker, Gordon P.; and Smith, James E., 4,544,090, Cl. 227-131.000.
Smith, James J.: *See—*
  Hunter, James D.; and Smith, James J., 4,561,540, Cl. 206-305.000.
Smith, James L. Surface deformation image device. 4,494,826, 1-22-85, Cl. 350-360.000.
Smith, James O.; Vetter, Ronald F.; and Sieg, George F., to United States of America, Navy. Pyrogen igniter. 4,557,197, 12-10-85, Cl. 102-202.000.
Smith, James W., to Omnicom Engineering. Telephone line security apparatus. 4,520,233, 5-28-85, Cl. 179-1.50R.
Smith, James W.; and Ehlers, Jerry W., to Standard Oil Company, The. Method and apparatus for selecting inverse power weighting prior to vertically stacking acquired seismic data for suppressing noise. 4,561,075, 12-24-85, Cl. 367-46.000.
Smith, Jane E.; and Whitford, Rowland E., to Babcock & Wilcox Company, The. Control system for an electro-pneumatic converter. 4,509,547, 4-9-85, Cl. 137-85.000.
Smith, Janet C.: *See—*
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Smith, Jari K., to Dow Corning Corporation. Method for preparing silicone-treated starch. 4,495,226, 1-22-85, Cl. 427-326.000.
Smith, Jay, III; and Karr, Gerald S., to Smith Engineering. Circuitry for controlling a CRT beam. 4,500,879, 2-19-85, Cl. 340-739.000.
Smith, Jay, III; and Karr, Gerald S., to Smith Engineering. Digital watch having matrix display for arcade-like game playing. 4,504,062, 3-12-85, Cl. 273-313.000.
Smith, Jay G.: *See—*
  Reynolds, Gary R.; Gaynor, Thomas R.; Olivera, Raul; Ruthenberg, Ross E.; Smith, Jay G.; Kurby, Christopher N.; and Mansfield, Terry K., 4,491,806, Cl. 331-96.000.
Smith, Jeffrey C., to Branson Ultrasonics Corporation. Vapor degreaser apparatus. 4,510,053, 4-9-85, Cl. 210-175.000.
Smith, Jeffrey I. Apparatus for cooling beverage containers and the like. 4,549,409, 10-29-85, Cl. 62-381.000.
Smith, Jeremy G. B.: *See—*
  Ellis, David; Smith, Jeremy G. B.; and Halliday, Pieter S. J., 4,491,489, Cl. 149-109.600.
Smith, Jerry D.; and Szymczak, Edward J., to Cameron Iron Works, Inc. Wellhead assembly. 4,515,400, 5-7-85, Cl. 285-141.000.
Smith, Jimmy B.; and Liggett, Julian M., to Peabody Development Company. Formcoke process. 4,557,733, 12-10-85, Cl. 44-10.00C.
Smith-Johannsen, Robert, to Ramu International. Cross-country ski sole. 4,540,195, 9-10-85, Cl. 280-610.000.
Smith-Johannsen, Robert: *See—*
  Blasch, Earl; and Smith-Johannsen, Robert, 4,552,800, Cl. 428-212.000.
  Horsma, David A.; Lyons, Bernard J.; and Smith-Johannsen, Robert, 4,543,474, Cl. 219-553.000.
  van Konynenburg, Peter H.; Lyons, Bernard J.; Smith-Johannsen, Robert; and Moyer, Wendell W., 4,534,889, Cl. 252-511.000.
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Smith, John D.: *See—*
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  Yapp, Robert E.; and Smith, John D., 4,492,080, Cl. 60-388.000.
Smith, John H.: *See—*
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Smith, John L.; and Christiano, Vito F., to Technicon Instruments Corporation. Integral reagent dispenser. 4,515,753, 5-7-85, Cl. 422-102.000.
Smith, John L.; and Jenner, Frank H., to Marconi Instruments Limited. Electrical interface arrangements. 4,536,051, 8-20-85, Cl. 339-117.00P.
Smith, John M.: *See—*
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Smith, John R.: *See—*
  Smith, John T.; and Smith, John R., 4,517,689, Cl. 4-235.000.
Smith, John R. E., to Dresser Industries, Inc. Method and apparatus for combined cement bond and acoustic well logging. 4,495,606, 1-22-85, Cl. 367-86.000.
Smith, John R. E., to Dresser Industries, Inc. Electroacoustic transducer. 4,541,081, 9-10-85, Cl. 367-168.000.
Smith, John T.; and Smith, John R. Toilet seat. 4,517,689, 5-21-85, Cl. 4-235.000.
Smith, John W., to Memphis State University. Production of hydrocarbons. 4,504,282, 3-12-85, Cl. 48-197.00R.
Smith, John W., to Systems International, Inc. Frame and body repair apparatus. 4,530,232, 7-23-85, Cl. 72-447.000.
Smith, John W.: *See—*
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  Russ, James J.; and Smith, John W., 4,539,187, Cl. 423-132.000.
Smith, Jon D.; and Parker, Glenn T., to Dry Dock Industries, Inc. Anchoring retainer for threaded fasteners. 4,491,447, 1-1-85, Cl. 411-15.000.
Smith, Joseph E., Jr., to O & S Manufacturing Company. Spherical and cylindrical bearings and method of manufacturing. 4,493,512, 1-15-85, Cl. 308-2.00R.
Smith, Judson L. Vehicle scrubbing apparatus. 4,541,874, 9-17-85, Cl. 134-6.000.
Smith, Katherine R.: *See—*
  Wacksman, David, 4,553,916, Cl. 418-173.000.
Smith, Kendall A., to Technicare Corporation. Adaptable area for image storage. 4,533,947, 8-6-85, Cl. 358-111.000.
Smith, Kendall S., II: *See—*
  Kennedy, Robert J., Jr.; Smith, Kendall S., II; and Brown, Gregory N., 4,542,822, Cl. 206-45.330.
Smith, Kenneth B.; and Adams, Derek W., to Schlumberger Electronics (U.K.) Limited. Apparatus and method for measuring temperature profile. 4,502,793, 3-5-85, Cl. 374-124.000.
Smith, Kenneth C. A.; and Erasmus, Stephen J., to National Research Development Corporation. Scanning transmission electron microscopes. 4,514,629, 4-30-85, Cl. 250-311.000.
Smith, Kenneth G.; and Collings, John, to Thorn EMI Gas Appliances Limited. Gas fires. 4,542,735, 9-24-85, Cl. 126-129.000.
Smith, Kenneth M. Universal framing layout tool. 4,499,666, 2-19-85, Cl. 33-174.00B.
Smith, Kenneth M. Martial arts weapon. 4,543,721, 10-1-85, Cl. 30-287.000.
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  Adger, Brian M.; and O'Rourke, David J., 4,515,952, Cl. 546-329.000.
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  Brown, Thomas H.; and Ife, Robert J., 4,496,567, Cl. 514-272.000.
  Brown, Thomas H.; and Durant, Graham J., 4,521,418, Cl. 514-272.000.
  Brown, Thomas H.; and Young, Rodney C., 4,521,625, Cl. 564-461.000.
  Brown, Thomas H., 4,523,015, Cl. 544-320.000.
  Brown, Thomas H.; and Ife, Robert J., 4,539,207, Cl. 514-272.000.
  Brown, Thomas H.; and Rawlings, Derek A., 4,540,699, Cl. 514-272.000.
  Coates, William J., 4,514,568, Cl. 544-408.000.
  Coates, William J.; and Warrington, Brian H., 4,528,371, Cl. 544-239.000.
  Cooper, David G.; and Sach, George S., 4,551,466, Cl. 514-318.000.
  Durant, Graham J.; and Ganellin, Charon R., 4,499,101, Cl. 514-374.000.
  Durant, Graham J.; Emmett, John C.; and Ganellin, Charon R., 4,537,779, Cl. 514-275.000.
  Emmett, John C.; Slater, Robert A.; and Warrington, Brian H., 4,556,711, Cl. 544-357.000.
  Ganellin, Charon R.; Ife, Robert J.; and Owen, David A. A., 4,558,128, Cl. 544-320.000.
  Ife, Robert J., 4,532,246, Cl. 514-275.000.
  Ife, Robert J., 4,547,506, Cl. 514-272.000.
  Ife, Robert J., 4,548,940, Cl. 514-272.000.
  Jones, Martin; and Young, Rodney C., 4,547,512, Cl. 514-341.000.
  Roantree, Michael L.; and Young, Rodney C., 4,525,477, Cl. 514-333.000.
  Sach, George S., 4,532,252, Cl. 514-357.000.
  Sach, George S., 4,535,163, Cl. 546-300.000.
  Sach, George S., 4,537,890, Cl. 514-272.000.
  Sach, George S., 4,537,891, Cl. 514-272.000.
  Tovey, Geoffrey D., 4,493,822, Cl. 424-15.000.
Smith, L. G. Method for moving a grandstand and a hitch for connecting a tractor to an implement to be towed. 4,526,393, 7-2-85, Cl. 280-406.00R.
Smith, Lawrence A., Jr., to Chemical Research & Licensing Company. Deetherification process. 4,551,567, 11-5-85, Cl. 568-907.000.
Smith, Lawrence N., to Sperry Corporation. Method of manufacturing super-conductive tunnel junction devices with precise junction area control. 4,499,119, 2-12-85, Cl. 427-63.000.
Smith, Lawrence N., to Sperry Corporation. Superconductive tunneling junction resistor and method of fabrication. 4,536,780, 8-20-85, Cl. 357-5.000.
Smith, Lawrence N.: *See—*
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  Jillie, Don W., Jr.; and Smith, Lawrence N., 4,498,228, Cl. 29-577.00C.
  Kroger, Harry; Jillie, Don W.; and Smith, Lawrence N., 4,536,414, Cl. 427-38.000.
Smith, Lawther O.; Howard, Timothy L.; and Kautz, Franz A., to Fichtel & Sachs Industries, Inc. Redundant high-pressure seal for fluid spring. 4,548,389, 10-22-85, Cl. 267-64.110.
Smith, Lee M.: *See—*
  Andrade, Joseph D.; Triolo, Philip M.; Smith, Lee M.; and Miller, Frank J., 4,508,606, Cl. 204-169.000.
Smith, Leland B.; and Jackson, Jacqueline J., to HemoTec, Inc. Gas flow cartridge with improved coagulation detection and expanded analytical test capability. 4,534,939, 8-13-85, Cl. 422-61.000.

Smith, Leonard E.; and Johnson, James, to Immetec Inc. Device for exercise and/or therapy. 4,530,496, 7-23-85, Cl. 272-68.000.

Smith, Leonard S., to Century Mfg. Co. Protective sensing means for battery charging circuit. 4,546,302, 10-8-85, Cl. 320-25.000.

Smith, Leslie H.: *See—*
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Smith, Lilburn R.: *See—*
Cottle, Wilbur W., Jr.; and Smith, Lilburn R., 4,500,051, Cl. 244-3.160.

Smith, Lloyd H.; and Teplitz, Raymond L., to City of Hope. Method of testing for particular antibodies in the serum of a patient. 4,493,899, 1-15-85, Cl. 436-508.000.

Smith, Lonnie M., to Durbin-Durco, Inc. Adjustable load binder. 4,500,073, 2-19-85, Cl. 254-258.000.

Smith, Loren C.: *See—*
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Smith, Louis W.: *See—*
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Smith, Lyle B., to General Motors Corporation. Dual orifice control. 4,561,460, 12-31-85, Cl. 137-493.200.

Smith, Malcolm S., to Du Pont de Nemours, E. I., and Company. Tack-free polymer pellets. 4,510,281, 4-9-85, Cl. 524-229.000.

Smith, Marc L.: *See—*
Holzrichter, Edward J.; and Smith, Marc L., 4,520,188, Cl. 528-274.000.

Smith, Maurice D., to Whiting, Dennis W., a part interest. Small animal harness. 4,559,906, 12-24-85, Cl. 119-96.000.

Smith, Maurice R.; and Cochran, Harvey B., to Olin Corporation. Process for producing poly(dithiocarbamate) chelating resins. 4,518,760, 5-21-85, Cl. 528-48.000.

Smith, Max D., to Indian Industries, Inc. Yoke anchor for compound bows. 4,546,754, 10-15-85, Cl. 124-86.000.

Smith, Merrill M.; and Ferguson, Donald C., to American Biltrite, Inc. Method of forming a backing material. 4,496,414, 1-29-85, Cl. 156-246.000.

Smith Meter Inc.: *See—*
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Smith, Michael D., to Motorola, Inc. Frequency to voltage converter. 4,496,858, 1-29-85, Cl. 307-519.000.

Smith, Michael D.; Olesin, Andrew S.; and Whatley, Roger A., to Motorola, Inc. Input buffer circuit for receiving multiple level input voltages. 4,504,747, 3-12-85, Cl. 307-475.000.

Smith, Michael D.; and Whatley, Roger A., to Motorola, Inc. Amplifier circuit for minimizing output voltage power-up transients. 4,516,082, 5-7-85, Cl. 330-296.000.

Smith, Michael J.; and Soucie, Allen L., to Linatex Corporation of America. Teeter bed zone density control device and method. 4,533,464, 8-6-85, Cl. 209-158.000.

Smith, Michael J.: *See—*
Park, George; Smith, Michael J.; and Carrington, Harry, 4,511,194, Cl. 312-12.000.

Smith, Michael J. T., to Rolls-Royce Limited. Noise measurement. 4,522,283, 6-11-85, Cl. 181-175.000.

Smith, Monte E.: *See—*
Pusic, Vladi; George, Benjamin T.; Smith, Monte E.; and Johnson, Craig B., 4,506,323, Cl. 364-200.000.

Smith, Morley L.: *See—*
Allison, Philip J.; and Smith, Morley L., 4,509,226, Cl. 15-257.060.

Smith, Nathan L.: *See—*
Turanchik, Michael F.; Yeung, Kwok K.; and Smith, Nathan L., 4,547,466, Cl. 436-509.000.

Smith, Nathan R., to InTest Corporation. Electronic test head positioner for test systems. 4,527,942, 7-9-85, Cl. 414-590.000.

Smith, Nelson; and Stutts, Joseph W., to Ciba-Geigy Corporation. Preparation of Fe chelates. 4,558,145, 12-10-85, Cl. 556-148.000.

Smith and Nephew Associated Companies Limited: *See—*
Lloyd, Ronald, 4,540,408, Cl. 604-294.000.
Potter, William D., 4,534,355, Cl. 128-635.000.

Smith and Nephew Associated Companies p.l.c.: *See—*
Buchan, Ian A., 4,516,571, Cl. 128-132.00R.
Howes, John G. B., 4,504,405, Cl. 252-106.000.
Metcalfe, Peter J., 4,559,938, Cl. 128-156.000.
Webster, David F., 4,541,426, Cl. 128-156.000.

Smith, Nicholas K.: *See—*
Costello, Peter E.; Fossett, Lawrence D.; Lane, Michael S.; Quin, Terrence T.; and Smith, Nicholas K., 4,510,351, Cl. 179-27.00D.

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Magnus, George; Smith, Norman; and Keyes, Bonnie, 4,526,908, Cl. 521-172.000.

Smith, Norman A., to Ciba-Geigy AG. Substituted hydroquinones. 4,540,785, 9-10-85, Cl. 546-116.000.

Smith, Norman A.: *See—*
Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., 4,560,646, Cl. 430-566.000.

Smith, Orbert S., to Whirlpool Corporation. Electrical hose swivel connector for canister vacuum cleaner. 4,550,958, 11-5-85, Cl. 339-5.00R.

Smith, Patrick E.: *See—*
Roquemore, Glenn R.; Smith, Patrick E.; and Banks, Eric W., 4,540,315, Cl. 405-264.000.

Smith, Paul. Anti-arch vehicle suspension. 4,494,772, 1-22-85, Cl. 280-712.000.

Smith, Paul B., to Davco Manufacturing Corporation. Anti-theft lock device. 4,519,653, 5-28-85, Cl. 303-89.000.

Smith, Paul D.; and Martin, Joel L., to Phillips Petroleum Company. Supported vanadium dihalide-ether complex catalyst. 4,559,318, 12-17-85, Cl. 502-110.000.

Smith, Paul D.: *See—*
McDaniel, Max P.; Johnson, Marvin M.; Hawley, Gil R.; Westerman, John; and Smith, Paul D., 4,535,070, Cl. 502-208.000.

Smith, Paul F.; Schorman, Eric; Burke, Timothy M.; and Lynk, Charles N., Jr., to Motorola, Inc. Queued community repeater mobile. 4,553,263, 11-12-85, Cl. 455-54.000.

Smith, Paul F.; Schorman, Eric; Burke, Timothy M.; and Lynk, Charles N., Jr., to Motorola, Inc. Queued community repeater controller. 4,554,677, 11-19-85, Cl. 455-54.000.

Smith, Paul F.: *See—*
Burke, Timothy M.; Smith, Paul F.; Noble, Scott W.; and Schorman, Eric R., 4,495,647, Cl. 455-38.000.

Smith, Paul R., to General Motors Corporation. Electro-optical method and apparatus for measuring the fit of adjacent surfaces. 4,498,776, 2-12-85, Cl. 356-375.000.

Smith, Paul R.; and Froes, Francis H., to United States of America, Air Force. Titanium metal-matrix composites. 4,499,156, 2-12-85, Cl. 428-614.000.

Smith, Peter H., to General Electric Company. Touch control arrangement for data entry. 4,495,485, 1-22-85, Cl. 340-365.00C.

Smith, Peter H., to General Electric Company. Automatic fire detection for a microwave oven. 4,496,817, 1-29-85, Cl. 219-10.55M.

Smith, Peter H.; and Holub, Fred F., to General Electric Company. Food emission sensing. 4,507,529, 3-26-85, Cl. 219-10.55A.

Smith, Peter H., to General Electric Company. Automatic defrost sensing arrangement for microwave oven. 4,507,530, 3-26-85, Cl. 219-10.55B.

Smith, Peter H., to General Electric Company. Combination microwave and thermal self-cleaning oven with an automatic venting arrangement. 4,547,642, 10-15-85, Cl. 219-10.55B.

Smith, Peter J.: *See—*
Moss, Keith G.; Smith, Peter J.; and Woolhouse, Robin A., 4,523,984, Cl. 204-296.000.

Smith, Peter L.: *See—*
Gorman, Anthony G.; Smith, Peter L.; and Barrett, Paul Q., 4,513,413, Cl. 370-30.000.

Smith, Peter R., to Fairchild Camera & Instrument Corporation. Control of substrate injection in lateral bipolar transistors. 4,507,848, 4-2-85, Cl. 29-576.00B.

Smith, Peter W., to AT&T Bell Laboratories. Nonlinear all-optical time division multiplexer and demultiplexer. 4,507,776, 3-26-85, Cl. 370-4.000.

Smith, Peter W.; and Tomlinson, Walter J., III, to AT&T Bell Laboratories. Nonlinear and bistable optical waveguide devices. 4,515,429, 5-7-85, Cl. 350-96.130.

Smith, Peter W., to United Technologies Corporation. Monolithic polarizer grating. 4,551,692, 11-5-85, Cl. 333-21.00A.

Smith, Peter W.: *See—*
Chemla, Daniel S.; Miller, David A. B.; and Smith, Peter W., 4,528,464, Cl. 307-425.000.

Smith, Philip C., to Westinghouse Electric Corp. Device structures for high density integrated circuits. 4,533,934, 8-6-85, Cl. 357-23.700.

Smith, Philip C.: *See—*
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Smith, Philip S.; and Gallup, Michael G., to Motorola, Inc. Frequency generator circuit. 4,525,851, 6-25-85, Cl. 377-110.000.

Smith, Phillip R.: *See—*
Carlisle, Thomas A.; Smith, Phillip R.; and Thorn, Frank H., deceased, 4,504,286, Cl. 55-20.000.

Smith R.P.M. Corporation: *See—*
Smith, Gary R.; Rutter, Larry J.; and Amer, James E., 4,552,295, Cl. 226-195.000.

Smith, R. Scott; and Smith, Gerald Z., Jr., to Ethyl Corporation. Selective removal of vinylidene olefin from olefin mixtures. 4,511,753, 4-16-85, Cl. 585-856.000.

Smith, R. Scott: *See—*
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Smith, Rae; and Moratto, Patricia. Convertible garment. 4,559,647, 12-24-85, Cl. 2-158.000.

Smith, Randall C. Power amplifier capable of simultaneous operation in two classes. 4,532,476, 7-30-85, Cl. 330-123.000.

Smith, Raymond B.; and Tranter, Brian F., to Speedyplain Limited. Electronic musical chord calculator. 4,538,501, 9-3-85, Cl. 84-478.000.

Smith, Raymond C. Apparatus and method for force feeding air to a carburetor used with an internal combustion engine. 4,503,671, 3-12-85, Cl. 60-274.000.

Smith, Raymond H. Magnetic reciprocating motor. 4,523,114, 6-11-85, Cl. 310-24.000.

Smith, Raymond H. Electromagnetic turbine system. 4,526,007, 7-2-85, Cl. 60-698.000.

Smith, Raymond H. Fluid operating device. 4,534,714, 8-13-85, Cl. 417-416.000.

Smith, Reginald W.: *See—*
Hightower, Angus W.; Smith, Reginald W.; and Orcutt, John W., 4,495,376, Cl. 174-52.0FP.
Orcutt, John W.; Hightower, Angus W.; and Smith, Reginald W., 4,496,965, Cl. 357-70.000.

Smith, Richard: *See—*
  Alexander, Edward N.; and Smith, Richard, 4,511,463, Cl. 209-166.000.
Smith, Richard A.: *See—*
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Smith, Richard A. G., to Beecham Group p.l.c. Pharmacologically active compounds. 4,507,283, 3-26-85, Cl. 424-94.000.
Smith, Richard D. Treatment of water damaged cellulosic materials. 4,543,734, 10-1-85, Cl. 34-5.000.
Smith, Richard D., to Internationale Octrooi Maatschappij "Octropa" B.V. Hose end fitting. 4,544,187, 10-1-85, Cl. 285-256.000.
Smith, Richard D.; and Van Grouw, Samuel J. Clean burning solid fuel stove and method. 4,545,360, 10-8-85, Cl. 126-76.000.
Smith, Richard D.: *See—*
  Van Grouw, Samuel J.; and Smith, Richard D., 4,515,147, Cl. 126-163.00R.
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Smith, Richard J., to USM Corporation. Stroke control for press. 4,534,249, 8-13-85, Cl. 83-74.000.
Smith, Richard J.: *See—*
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Smith, Richard L.; and Van Allen, Kent, to Scans Associates, Inc. Two-directional switched driver. 4,491,773, 1-1-85, Cl. 318-257.000.
Smith, Richard L. Solution polymerization of conjugated dienes. 4,525,560, 6-25-85, Cl. 526-201.000.
Smith, Richard L., to Allis-Chalmers Corporation. Weather louver. 4,557,740, 12-10-85, Cl. 55-440.000.
Smith, Richard L.: *See—*
  Miller, Robert N.; and Smith, Richard L., 4,542,183, Cl. 524-714.000.
  Sexton, Robert W.; and Smith, Richard L., 4,499,031, Cl. 261-66.000.
Smith, Richard R.; and Wilson, John R., to Goodyear Tire & Rubber Company, The. Polyester melt blends having high gas barrier properties. 4,551,368, 11-5-85, Cl. 428-35.000.
Smith, Richard T.; and Osthues, Robert H., to Worcester Controls Corporation. Method for fabricating graphite filled sintered metal seats for ball valves. 4,531,273, 7-30-85, Cl. 29-157.10R.
Smith, Richard W., to Wangner Systems Corporation. Low permeability spiral fabric and method. 4,490,925, 1-1-85, Cl. 34-42.000.
Smith, Richard W., to Wangner Systems Corporation. Dryer fabric having reduced permeability in the area of the pintle joint. 4,500,590, 2-19-85, Cl. 428-222.000.
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  Woelfel, James A.; and Smith, Richard W., 4,514,013, Cl. 301-63.0PW.
Smith, Robert, to ITT Industries, Inc. Circuit for digital FM demodulation. 4,528,511, 7-9-85, Cl. 329-50.000.
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  Gloth, Richard E.; Tazuma, James J.; and Smith, Robert A., 4,537,952, Cl. 528-392.000.
  White, Mary A.; Beers, Melvin D.; Lucas, Gary M.; Smith, Robert A.; and Swiger, Roger T., 4,517,352, Cl. 528-18.000.
Smith, Robert B.: *See—*
  Schneider, William R.; and Smith, Robert B., 4,509,243, Cl. 29-402.020.
Smith, Robert C.; and Cox, A. Benns, II, to G. S. Blodgett Co., Inc. Dual flow heating apparatus. 4,516,012, 5-7-85, Cl. 219-400.000.
Smith, Robert C.; and Holman, George B., Jr., to Standard Oil Company, The. Low density spacer fluid. 4,530,402, 7-23-85, Cl. 166-291.000.
Smith, Robert D., to Scandpower, Inc. Power performance monitoring system for nuclear reactor fuel core. 4,512,949, 4-23-85, Cl. 376-247.000.
Smith, Robert D.: *See—*
  Crossley, Peter W.; and Smith, Robert D., 4,551,617, Cl. 219-464.000.
Smith, Robert E., to Burr-Brown Corporation. Bar code reading system and method. 4,528,443, 7-9-85, Cl. 235-462.000.
Smith, Robert E. Goggle with a renewable protective surface. 4,528,701, 7-16-85, Cl. 2-438.000.
Smith, Robert E. Heating equipment and method of operating same. 4,541,561, 9-17-85, Cl. 236-10.000.
Smith, Robert J., to Lucas Industries Public Limited Company. Dual brake valves. 4,498,710, 2-12-85, Cl. 303-6.00R.
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  Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,495,349, Cl. 544-97.000.
  Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,521,599, Cl. 544-97.000.
Smith, Robert L.; and Graham, Samuel L., to Merck & Co., Inc. 6(or 5)-hydroxybenzothiazole-2-sulfonamide-O-sulfate salts for the topical treatment of elevated intraocular pressure. 4,510,155, 4-9-85, Cl. 514-276.000.
Smith, Robert L. Roof ventilator. 4,530,273, 7-23-85, Cl. 98-42.010.
Smith, Robert L.: *See—*
  Hoffman, William F.; Lee, Ta-Jyh; Smith, Robert L.; and Willard, Alvin K., 4,503,072, Cl. 424-305.000.
  Raba, Carl F., Jr.; Smith, Robert L.; and Huang, Francis Y., 4,498,993, Cl. 210-710.000.
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Smith, Robert N., to Philip Morris Incorporated. Tobacco bale steam injection. 4,498,486, 2-12-85, Cl. 131-300.000.
Smith, Robert P.; Gillespie, William S.; Inglis, Hal L.; and Hoyne, Donald B., to American Can Company. Material handling method and apparatus therefor. 4,547,645, 10-15-85, Cl. 219-10.670.
Smith, Robert R.: *See—*
  Kapp, John P.; and Smith, Robert R., 4,554,914, Cl. 128-92.00C.
Smith, Robert S. Exerciser for runners. 4,494,750, 1-22-85, Cl. 272-93.000.
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  Bedell, John R.; Smith, Robert W.; and Liebermann, Howard H., 4,559,992, Cl. 164-463.000.
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  Jacobi, Cecil T., Jr.; Maupin, Charles G.; Woodsmall, James B.; Brown, William J.; Thomas, Bruce E.; Owens, Walton D.; Cunningham, Robert J.; and Smith, Rocky D., 4,501,072, Cl. 34-1.000.
Smith, Roderick L., to Energy-Adaptive Grinding, Inc. Control system for grinding apparatus. 4,492,061, 1-8-85, Cl. 51-325.000.
Smith, Roderick L., to Energy-Adaptive Grinding, Inc. Centerless grinding systems. 4,507,896, 4-2-85, Cl. 51-165.920.
Smith, Roderick L., to Energy-Adaptive Grinding, Inc. Grinding control methods and apparatus. 4,535,571, 8-20-85, Cl. 51-165.870.
Smith, Roderick L., to Energy-Adaptive Grinding, Inc. Grinding control methods and apparatus. 4,535,572, 8-20-85, Cl. 51-165.870.
Smith, Roderick L., to Energy-Adaptive Grinding, Inc. Grinding control methods and apparatus. 4,553,355, 11-19-85, Cl. 51-165.870.
Smith, Roderick L., to Energy-Adaptive Grinding, Inc. Method and apparatus for wheel conditioning in a grinding machine. 4,555,873, 12-3-85, Cl. 51-165.870.
Smith, Rodney D. Locksmith tool apparatus for determining length of locking elements in locks. 4,535,546, 8-20-85, Cl. 33-540.000.
Smith, Roger A.: *See—*
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Smith, Roger D., to Cincinnati Milacron Inc. Carrier with exchangeable chuck. 4,536,150, 8-20-85, Cl. 425-526.000.
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  Bolenbaugh, Daniel L.; Wegh, John R.; and Smith, Roger L., 4,560,039, Cl. 188-73.450.
  Schreiner, Peter; Wegh, John R.; and Smith, Roger L., 4,527,672, Cl. 188-264.00G.
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Smith, Roger R., to United States of America, Army. Road wheel mounting assembly. 4,548,290, 10-22-85, Cl. 180-9.100.
Smith, Roland, Jr. Photoflash detector. 4,494,852, 1-22-85, Cl. 354-467.000.
Smith, Ronald J.: *See—*
  Fogel, Arnold W.; and Smith, Ronald J., 4,559,226, Cl. 424-66.000.
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  Carpenter, James H.; Mullins, Ronald L.; and Smith, Ronald L., 4,561,220, Cl. 51-427.000.
  Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 4,510,642, Cl. 15-231.000.
Smith, Ronald T.: *See—*
  Chern, Mao-Jin; Smith, Ronald T.; and Peters, John W., 4,545,646, Cl. 350-162.200.
Smith, Ronald W. Cabinet. 4,507,893, 4-2-85, Cl. 47-74.000.
Smith, Roy E., to Urban Transportation Development Corporation Ltd. Powered radial truck. 4,542,699, 9-24-85, Cl. 105-99.000.
Smith, Roy E., to Urban Transportation Development Corporation Ltd. Three axle steered truck. 4,542,700, 9-24-85, Cl. 105-166.000.
Smith, Roy L.: *See—*
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  Koblitz, Francis F.; and Smith, Roy L., 4,491,453, Cl. 433-217.000.
  Koblitz, Francis F.; and Smith, Roy L., 4,553,940, Cl. 523-115.000.
Smith, Russell D., to Red Plastic Co., Inc. Spring assisted doors for sidewalk, pit and floor openings. 4,534,132, 8-13-85, Cl. 49-386.000.
Smith, Russell G. Fail safe actuator. 4,507,919, 4-2-85, Cl. 60-404.000.
Smith, Russell G. Seal with preformed V-shaped packing rings and method. 4,512,586, 4-23-85, Cl. 277-124.000.
Smith, Russell G., to Xomox Corporation. Plug valve for reduced leakage. 4,531,537, 7-30-85, Cl. 137-246.220.
Smith, Samuel W. Elastic hosiery applicator. 4,497,424, 2-5-85, Cl. 223-111.000.
Smith, Sanford N., to Phillips Petroleum Company. Method for separating particulate materials from fibrous materials during start-up of texturizing process. 4,502,195, 3-5-85, Cl. 28-255.000.
Smith, Scott D., to Schenectady Chemicals, Inc. Bondable polyamide. 4,505,978, 3-19-85, Cl. 428-379.000.
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  Walrath, George A.; and Smith, Scott D., 4,501,883, Cl. 528-340.000.

Smith, Shirley J.: *See—*
  Smith, Don L.; and Smith, Shirley J., 4,501,757, Cl. 426-62.000.
Smith, Somers H., III: *See—*
  McCarty, George W.; and Smith, Somers H., III, 4,527,110, Cl. 320-2.000.
  McCarty, George W.; Rebold, Jerome I.; and Smith, Somers H., III, 4,536,694, Cl. 320-2.000.
Smith, Stanley, to Rolls-Royce Limited. Bearing chamber pressurization system for a machine. 4,497,172, 2-5-85, Cl. 60-226.100.
Smith, Stanley, to Rolls-Royce Limited. Fuel/oil heat exchange system for an engine. 4,498,525, 2-12-85, Cl. 165-39.000.
Smith, Stanley, to Rolls-Royce Limited. Oil system for aircraft gas turbine engine. 4,531,358, 7-30-85, Cl. 60-39.080.
Smith, Stanley B., Jr.; Schleicher, Robert G.; and Waterman, Jon N., to Allied Corporation. Method of emission spectroanalysis. 4,531,836, 7-30-85, Cl. 356-316.000.
Smith, Stanley B., Jr., to Allied Corporation. Spectroanalysis system. 4,545,680, 10-8-85, Cl. 356-319.000.
Smith, Stanley K., to Eaton Corporation. Quality control method. 4,532,599, 7-30-85, Cl. 364-552.000.
Smith, Stanley K.; and Rozsi, Donald J., to Eaton Corporation. Tool wear sensors. 4,551,808, 11-5-85, Cl. 364-474.000.
Smith, Stanley W.: *See—*
  Vogel, Wolfgang M.; and Smith, Stanley W., 4,511,636, Cl. 429-41.000.
Smith, Stephen A.: *See—*
  Ward, Robert W.; Smith, Stephen A.; and Markwell, Roger E., 4,548,948, Cl. 514-422.000.
Smith, Stephen F., to Alpha-Omega Engineering, Inc. Circuit detector and noise reduction network with circuit detector. 4,517,534, 5-14-85, Cl. 333-14.000.
Smith, Stephen F., to United States of America, National Aeronautics and Space Administration. Automatic oscillator frequency control system. 4,550,292, 10-29-85, Cl. 331-2.000.
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Smith, Stephen R.: *See—*
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Smith, Stuart; Libertini, Louis J.; and Thompson, Betty J., to Children's Hospital Medical Center of Northern California. Detecting neoplastic mammary epithelial cells by detecting thioesterase II marker. 4,529,693, 7-16-85, Cl. 435-7.000.
Smith, Stuart B., to Thermocell Development, Ltd. High-modulus, flexible urethane coating and method of preparation. 4,520,042, 5-28-85, Cl. 427-209.000.
Smith, Stuart B., to Thermocell Development, Ltd. High tear strength flexible urethane foam composition and method of preparation. 4,525,490, 6-25-85, Cl. 521-124.000.
Smith, Stuart B., to Thermocell Development, Ltd. Sprayable urethane resin composition and method. 4,543,366, 9-24-85, Cl. 521-78.000.
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Smith, T. Basil, to Charles Stark Draper Laboratory, Inc., The. Multichannel redundant processing systems. 4,497,059, 1-29-85, Cl. 371-36.000.
Smith, Ted. Bow string release device. 4,527,536, 7-9-85, Cl. 124-35.00A.
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Smith, Teresa B.; and Smith, Philip C., to Westinghouse Electric Corp. Programmable redundancy circuit. 4,556,975, 12-3-85, Cl. 371-10.000.
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Smith, Theodore D. Metallized fabric. 4,508,776, 4-2-85, Cl. 428-248.000.
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  Kinsbron, Eliezer; Lynch, William T.; and Smith, Thomas E., 4,514,893, Cl. 29-571.000.
Smith, Thomas G., to Pneuveyor Systems Limited. Automatic pneumatic feeder. 4,501,518, 2-26-85, Cl. 406-25.000.
Smith, Thomas J., to TII Industries, Inc. Self-retaining electrical contacts. 4,529,260, 7-16-85, Cl. 339-217.00S.
Smith, Thomas J., to TII Industries, Inc. Shorting cage for protector wells. 4,533,971, 8-6-85, Cl. 361-119.000.
Smith, Thomas M. Infra-red generators and use. 4,500,283, 2-19-85, Cl. 431-328.000.
Smith, Thomas P.: *See—*
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Smith, Thomas V., to United States of America, Army. Portable orbiting grinding machine. 4,519,169, 5-28-85, Cl. 51-241.00S.
Smith, Thomas W.; Cheng, David; and Ward, Anthony T., to Xerox Corporation. Optical disk. 4,496,957, 1-29-85, Cl. 346-135.100.
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  Badesha, Santokh S.; and Smith, Thomas W., 4,548,800, Cl. 423-510.000.
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Smith, Wallace R. Monuments for graves. 4,550,537, 11-5-85, Cl. 52-103.000.
Smith, Walter E. Slide bar guitar. 4,509,400, 4-9-85, Cl. 84-293.000.
Smith, Walter E. Soft body guitar. 4,538,497, 9-3-85, Cl. 84-291.000.
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Smith, Walter P.; and Nacht, Sergio, to Richardson-Vicks Inc. Nail conditioner. 4,530,828, 7-23-85, Cl. 424-61.000.
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Smith, Wesley H.: *See—*
  Betts, William; and Smith, Wesley H., 4,517,680, Cl. 375-75.000.
Smith, Wilbur D.: *See—*
  Cullor, James S., 4,491,126, Cl. 128-1.00R.
Smith, Willard G., Jr. Fishing line agitator. 4,528,767, 7-16-85, Cl. 43-19.200.
Smith, William D., to Key Concepts, Incorporated. Data entry switch. 4,496,803, 1-29-85, Cl. 200-5.00A.
Smith, William E.; and Battista, Richard A., to General Electric Company. Catalytic process for preparation of ortho-alkylated phenols. 4,528,407, 7-9-85, Cl. 568-804.000.
Smith, William H., to Manville Service Corporation. Method for applying a layer of fiber on a surface. 4,547,403, 10-15-85, Cl. 427-196.000.
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Smith, William N., III. Human body activated switch. 4,517,423, 5-14-85, Cl. 200-52.00R.
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Smith, William R., to Aluminum Company of America. Apparatus for cleaning furnace walls. 4,539,725, 9-10-85, Cl. 15-93.00A.
Smith, William V., to Discovision Associates. Angularly multiplexed optical recording medium. 4,534,021, 8-6-85, Cl. 369-47.000.
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Smith, Yoav M., to Westinghouse Electric Corp. Data acquisition system and analog to digital converter therefor. 4,528,637, 7-9-85, Cl. 364-557.000.
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Smithberg, Dudley G., to Boeing Company, The. Honeycomb core cutting tool and method of using. 4,551,918, 11-12-85, Cl. 30-347.000.
Smither, Miles A., to AMF Incorporated. Hiline interference eliminator. 4,527,261, 7-2-85, Cl. 367-76.000.
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  Sharp, H. Eugene; and Smither, Miles A., 4,562,559, Cl. 367-82.000.
Smitherman, Robert A.; Staats, Thomas A.; and Hoover, William E. Furniture bolster. 4,561,137, 12-31-85, Cl. 5-12.00R.
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  Roder, Manfred, 4,505,446, Cl. 248-205.800.
Smithers, Richard; and May, Carl B., to Union Oil Company of California. Apparatus for continuously blending viscous liquids with particulate solids. 4,506,982, 3-26-85, Cl. 366-19.000.

- Smithgall, Brian: *See—*
  - Zwirn, Robert; Dragavon, Edward J.; and Smithgall, Brian, 4,517,599, Cl. 358-166.000.
- Smithgall, David H., Sr.: *See—*
  - Frazee, Ralph E., Jr.; Myers, Daryl L.; and Smithgall, David H., Sr., 4,545,542, Cl. 242-18.00A.
  - Frazee, Ralph E., Jr.; and Smithgall, David H., Sr., 4,553,706, Cl. 242-18.00A.
- SmithKline Beckman Corporation: *See—*
  - Bondinell, William E.; Lafferty, John J.; and Zirkle, Charles L., 4,514,414, Cl. 514-422.000.
  - Borowski, Stanley J.; and Post, Thomas A., 4,541,954, Cl. 260-239.0BB.
  - Bowie, Betty A.; Newman, David J.; Shearer, Marcia C.; Sitrin, Robert D.; and Valenta, Joseph R., 4,548,974, Cl. 424-118.000.
  - Callahan, James F.; Moore, Michael L.; and Yim, Nelson C., 4,543,349, Cl. 514-11.000.
  - Chambers, Pamela A.; and Weinstock, Joseph, 4,514,394, Cl. 514-213.000.
  - Chan, George W.; and Sitrin, Robert D., 4,521,335, Cl. 260-112.50R.
  - DeMarinis, Robert M.; Hieble, Jacob P.; and Matthews, William D., 4,496,558, Cl. 514-213.000.
  - DeMarinis, Robert M.; Hieble, Jacob P.; Kaiser, Carl; and Wilson, James W., 4,507,320, Cl. 514-605.000.
  - Faulkner, Albert A.; and Bouton, John C., 4,501,495, Cl. 356-244.000.
  - Frazee, James S.; Kaiser, Carl; and Kruse, Lawrence I., 4,532,331, Cl. 548-342.000.
  - Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., 4,533,747, Cl. 560-152.000.
  - Gleason, John G.; Hall, Ralph F.; and Ku, Thomas W., 4,552,893, Cl. 514-560.000.
  - Huffman, William F.; and Moore, Michael L., 4,542,124, Cl. 514-11.000.
  - Kaiser, Carl; and Tobia, Alfonso J., 4,529,604, Cl. 514-654.000.
  - Menon, Govind K.; and Sanders, Winfred J., 4,505,917, Cl. 514-347.000.
  - Rossignol, Jean F., 4,507,288, Cl. 514-143.000.
  - Rossignol, Jean F., 4,521,424, Cl. 514-314.000.
  - Stringer, Orum D.; and Weinstock, Joseph, 4,554,284, Cl. 514-367.000.
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  - Wasserman, Martin A.; and Weichman, Barry M., 4,536,510, Cl. 514-308.000.
  - Wert, Kathleen L.; and Tremper, Alan W., 4,540,819, Cl. 564-340.000.
- SmithKline Diagnostics, Inc.: *See—*
  - Jacke, Stanley E., 4,521,520, Cl. 436-66.000.
- Smiths Food Group B.V.: *See—*
  - Entes, Peter C., 4,549,478, Cl. 99-536.000.
- Smiths Industries Public Limited Company: *See—*
  - Baldwin, Graham J.; and McCann, Michael O., 4,509,096, Cl. 361-386.000.
  - Brazener, David J., 4,507,959, Cl. 73-182.000.
  - Capaldi, Nicholas R.; and Griffin, Brian W., 4,555,946, Cl. 73-517.00B.
  - Clinton, Peter, 4,525,792, Cl. 364-509.000.
  - Jones, Maurice S., 4,495,806, Cl. 73-182.000.
  - Lester, Graham G., 4,502,508, Cl. 137-625.690.
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  - Luke, Douglas V., 4,517,834, Cl. 73-146.500.
  - Masom, Ronald A., 4,521,088, Cl. 350-582.000.
  - Postbeschild, John W., 4,497,999, Cl. 219-365.000.
- Smithson, G. Ronald. Electronically controlled interconnection system. 4,539,564, 9-3-85, Cl. 340-825.790.
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  - Bunge, Richard H.; French, James C.; Hurley, Timothy R.; Smitka, Tim A.; and Tunac, Josefino B., 4,530,835, Cl. 424-117.000.
- Smitley, Bruce B., to Republic Steel Corporation. Shelf assembly. 4,549,665, 10-29-85, Cl. 211-191.000.
- Smits, Cornelis A.: *See—*
  - Kimmelaar, Rudolf J. A.; and Smits, Cornelis A., 4,547,997, Cl. 51-168.000.
- Smits, Jozef A. F.: *See—*
  - Aliani, Giorgio; Lechat, Jacques B.; and Smits, Jozef A. F., 4,497,941, Cl. 526-331.000.
- Smitt, Asbjorn, to Christian Rovsing A/S. Time multiplex controlled data system. 4,532,627, 7-30-85, Cl. 370-85.000.
- Smock, Alan L.: *See—*
  - Gresley, Ross A.; Leech, Howard E.; and Smock, Alan L., 4,540,962, Cl. 335-131.000.
- Smock, Steven W., to Emhart Industries, Inc. Housing arrangement for a timing mechanism. 4,491,710, 1-1-85, Cl. 200-303.000.
- Smola, Raymond L.: *See—*
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- Smolanoff, Joel R., to Rohm and Haas Company. Arthropod repellents. 4,507,291, 3-26-85, Cl. 514-278.000.
- Smolanoff, Joel R.; Fitzpatrick, J. Michael; and Ollinger, Janet, to Rohm and Haas Company. Pesticidal phosphoroamido (di) thioates. 4,544,553, 10-1-85, Cl. 514-92.000.
- Smolders, Franciscus J. B.: *See—*
  - Ponjee, Johannes J.; Smolders, Franciscus J. B.; and Verwijlen, Christiaan J. A., 4,529,618, Cl. 427-82.000.
- Smolen, Victor F.: *See—*
  - Cosgrove, Robert J., Jr.; and Smolen, Victor F., 4,533,346, Cl. 604-66.000.
- Smolik, Jiri: *See—*
  - Vitovec, Jaroslav; Cermak, Jan; and Smolik, Jiri, 4,528,006, Cl. 55-269.000.
- Smolik, John V.: *See—*
  - Adams, Gerald J.; Burkett, William L., Jr.; and Smolik, John V., 4,506,852, Cl. 244-158.00R.
- Smolik, Robert A. Electrical receptacle box assembly. 4,497,416, 2-5-85, Cl. 220-3.500.
- Smolik, Robert A. Magnetic template. 4,538,354, 9-3-85, Cl. 408-72.00B.
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  - Grunert, Heinz; Hahn, Fritz; Rall, Ulrich; Schumann, Klaus; Schwuger, Milan J.; and Smolka, Heinz G., 4,500,320, Cl. 8-442.000.
- Smolka, Heinz-Gerd: *See—*
  - Diekotter, Friedrich W.; Honges, Edgar; Just, Gunther; Smolka, Heinz-Gerd; and Wust, Willi, 4,545,969, Cl. 423-328.000.
- Smolnikov, Nikolai V.: *See—*
  - Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.
- Smolyanitsky, Boris N.: *See—*
  - Kostylev, Alexandr D.; Syryamin, Jury N.; Smolyanitsky, Boris N.; Boginsky, Vladimir P.; and Terskov, Alexei D., 4,516,662, Cl. 173-53.000.
- Smoot, Charles H.: *See—*
  - DeRoche, Terrance P.; Hollander, Thomas A.; and Smoot, Charles H., 4,529,281, Cl. 353-27.00A.
- Smoot, George W.; and Macnak, Philip P., to Motorola, Inc. Radio paging device including apparatus for preventing undesired device turn-off. 4,521,776, 6-4-85, Cl. 340-825.440.
- Smoot, Jeffrey B.: *See—*
  - Vitek, Richard K.; and Smoot, Jeffrey B., 4,556,914, Cl. 358-244.000.
- Smoot, Lanny S., to AT&T Bell Laboratories. Transimpedance amplifier for optical receivers. 4,498,001, 2-5-85, Cl. 250-214.00A.
- Smoot, Mark H. Energy efficient power driven marine vessel boat. 4,523,536, 6-18-85, Cl. 114-67.00R.
- Smorol, Michael E.; Wituszynski, Michael C.; and Woollis, Theodore L., to Carrier Corporation. Combination refrigerant circuit and hot water preheater. 4,492,092, 1-8-85, Cl. 62-181.000.
- Smoyer, Bruce A.: *See—*
  - Galla, Edward A.; and Smoyer, Bruce A., 4,525,316, Cl. 264-54.000.
- Smrek, Walter J.: *See—*
  - Boles, Sol; and Smrek, Walter J., 4,549,184, Cl. 343-11.00R.
- SMS Schloemann-Siemag Aktiengesellschaft: *See—*
  - Beerens, Hugo; Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; Kusel, Siegfried; Schlanzke, Claus G.; and Nobis, Dieter, 4,505,374, Cl. 198-448.000.
  - Bohnenkamp, Heinrich, 4,513,491, Cl. 29-527.700.
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  - Feldmann, Hugo; Hollmann, Friedrich; Beisemann, Gerd; and Gartner, Horst, 4,519,233, Cl. 72-247.000.
  - Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; and Stodt, Rolf, 4,554,813, Cl. 72-251.000.
  - Hild, Berthold; Braun, Martin; and Munker, Max, 4,530,224, Cl. 72-15.000.
  - Kutz, Heinrich; Ostlinning, Gunter; and Jung, Gerd, 4,492,105, Cl. 72-302.000.
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  - Rommen, Hans; and Frosch, Hans, 4,510,783, Cl. 72-200.000.
  - Stoy, Erich; and Rommen, Hans, 4,543,810, Cl. 72-245.000.
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  - Crates, Charles A., 4,549,822, Cl. 384-462.000.
  - Heffentrager, Joel L., 4,537,056, Cl. 72-238.000.
- Smucker, Willard. Implement for contact application of liquid herbicides to crops. 4,550,526, 11-5-85, Cl. 47-1.500.
- Smuckler, Jack H. Method of manufacturing a positive temperature coefficient resistive heating element. 4,560,524, 12-24-85, Cl. 264-105.000.
- Smuda, Robert T., to Combustion Engineering, Inc. Primary air duct cleaning apparatus for recovery boilers. 4,538,552, 9-3-85, Cl. 122-387.000.
- Smudin, David J.: *See—*
  - Loveless, Frederick C.; and Smudin, David J., 4,532,061, Cl. 252-58.000.
- Smutek, Gerhard; and Raveling, Hermann, to SKW Trostberg Aktiengesellschaft. Process for the modification of the crystal form of dicyandiamide. 4,560,796, 12-24-85, Cl. 564-104.000.
- Smutek, John M.; Wenig, Robert I.; Webb, Nancy J.; and Waisman, Amnon, to Wang Laboratories, Inc. Image storage and retrieval. 4,553,206, 11-12-85, Cl. 364-300.000.

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  Hiestand, Karl, 4,507,031, Cl. 409-234.000.
  Hiestand, Karl, 4,521,028, Cl. 279-1.00C.
  Hiestand, Karl, 4,527,808, Cl. 279-1.00J.
  Hiestand, Karl, 4,537,410, Cl. 279-4.000.
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Smyers, William H., Jr.: *See—*
  Greenberg, Mishel; Smyers, William H., Jr.; and Chernack, Milton, 4,499,905, Cl. 128-727.000.
Smyly, Harold M.; Miller, Charles D.; Cloyd, Richard A.; and Heller, Clarence, to United States of America, National Aeronautics and Space Administration. Space probe/satellite ejection apparatus for spacecraft. 4,554,905, 11-26-85, Cl. 124-56.000.
Smyth, Bruce E., to Itek Corporation. Printed circuit board defect detection of detecting maximum line width violations. 4,500,202, 2-19-85, Cl. 356-237.000.
Smyth, Donald N., to Sabco Limited. Brush with detergent feed. 4,532,666, 8-6-85, Cl. 15-22.00R.
Smyth, Donald N., to Sabco Limited. Quick release hose coupling. 4,541,657, 9-17-85, Cl. 285-305.000.
Smyth, Laurence C., to Norandex Inc. Process and apparatus for direct extrusion of thermal barrier profiles. 4,554,123, 11-19-85, Cl. 264-166.000.
Smyth, Patrick G.: *See—*
  Doll, Brian E.; and Smyth, Patrick G., 4,508,683, Cl. 422-7.000.
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Smyth, Robert R., to Eaton Corporation. Throttle modulation mechanism. 4,523,667, 6-18-85, Cl. 192-0.092.
Smyth, Robert R., to Eaton Corporation. Automatic transmission control method. 4,551,802, 11-5-85, Cl. 364-424.100.
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Smythe, Kenneth R., to Sale Tilney Technology Public Limited Company. Rotary atomizer for coating workpieces with a fine layer of liquid material, and a method of operating the said atomizer. 4,521,462, 6-4-85, Cl. 427-421.000.
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  Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,559,175, Cl. 260-349.000.
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Snaddon, Robert W. L.; and Dietz, Peter W., to Black & Decker Inc. Apparatus for removing respirable aerosols from air. 4,533,368, 8-6-85, Cl. 55-104.000.
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  Brackmann, Warren A.; and Snaidr, Stanislav M., 4,557,278, Cl. 131-109.100.
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  Fattore, Vittorio; Notari, Bruno; Paggini, Alberto; and Lagana, Vincenzo, 4,513,100, Cl. 502-303.000.
  Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,514,203, Cl. 62-17.000.
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  Gazzi, Luigi; Rescalli, Carlo; Scaramucci, Maria A.; and Ginnasi, Alessandro, 4,545,965, Cl. 423-229.000.
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  Gervasio, Vincenzo; and Dinelli, Dino, 4,513,206, Cl. 290-4.00C.
  Gervasio, Vincenzo; and Rossi, Antonio, 4,556,801, Cl. 290-44.000.
  Lagana, Vincenzo; and Cavallanti, Virginio, 4,500,734, Cl. 564-72.000.
  Lagano, Vincenzo; and Cavallanti, Virginio, 4,529,417, Cl. 55-84.000.
  Sandrin, Romedio, 4,513,153, Cl. 568-697.000.
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  Becker, Thomas P.; Stout, Christopher B.; and Hopp, Gene P., 4,503,509, Cl. 364-571.000.
  Bendickson, Roy B.; and Wridt, Alfred A., 4,498,244, Cl. 33-203.150.
  Bendickson, Roy B.; and Zuzinec, Raymond R., Sr., 4,502,664, Cl. 254-10.500.
  Christophersen, Steven L., 4,512,222, Cl. 81-464.000.
  Grover, Donald D., 4,493,208, Cl. 73-117.300.
  Herman, Timm R.; and Mikic, Frank, 4,508,005, Cl. 81-177.00G.
  Mikic, Frank; Fuhreck, John E.; and Pacetti, Larry D., 4,497,405, Cl. 206-378.000.
  Mikic, Frank; and Pagac, William T., 4,522,310, Cl. 220-4.00R.
  Nelsen, Richard C.; Wridt, Alfred A.; and Fuhreck, John E., 4,503,619, Cl. 33-181.0AT.
  Olson, Gene E.; Stout, Christopher B.; Grover, Donald D.; and Becker, Thomas P., 4,506,546, Cl. 73-119.00A.
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Snedden, William H.; and Safiuddin, Mohammed, to Westinghouse Electric Corp. Digital ramp function generator and motor drive system including the same. 4,520,450, 5-28-85, Cl. 364-607.000.
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Snee, David J., to Imperial Clevite Inc. Wear resistant insert for cast lightweighted pistons and method of casting. 4,491,168, 1-1-85, Cl. 164-98.000.
Sneed, Scott W.; Schwam, Bill R.; and Gregory, Paul E., Jr., to Procter & Gamble Company, The. Nonwoven fabric barrier layer. 4,517,714, 5-21-85, Cl. 28-103.000.
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Sneider, Vincent R. Valve control of nozzle flow from disposable syringe. 4,519,794, 5-28-85, Cl. 604-212.000.
Sneijers, Andreas P. E.; Claassens, Jacobus M. M.; and Van den Plas, Roger J. Q., to U.S. Philips Corporation. High pressure discharge lamp. 4,560,903, 12-24-85, Cl. 313-625.000.
Snell, Clarence G. Flow metering tube insert and method. 4,538,470, 9-3-85, Cl. 73-861.610.
Snell, Richard G.; and Loughridge, Fredrick A., to GTE Products Corporation. Solder glass and electrical device employing same. 4,492,814, 1-8-85, Cl. 174-50.640.
Snell, Richard G.; and Loughridge, Fredrick A., to GTE Products Corporation. Solder glass and electrical device employing same. 4,493,944, 1-15-85, Cl. 174-50.640.
Snell, Richard G.; and Loughridge, Fredrick A., to GTE Products Corporation. Solder glass and electrical device employing the same. 4,521,641, 6-4-85, Cl. 174-50.640.
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Snetsinger, David C.; Engster, Henry M.; and Stiebler, Dwaine D., to Ralston Purina Company. Feed intake control apparatus for animals. 4,516,531, 5-14-85, Cl. 119-18.000.
Snetting, Mark; West, Dan; and Hacker, John R., to Wagner Spray Tech Corporation. Seal for a power fed roller. 4,550,919, 11-5-85, Cl. 277-23.000.
SNIA Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A.: *See—*
  Mazzola, Massimo; and Cipriani, Aldo, 4,515,908, Cl. 521-182.000.
  Rossi, Pietro P.; and Anastasio, Maurizio, 4,491,528, Cl. 252-56.00S.
Snial Resine Poliestere S.p.A.: *See—*
  Arcuri, Luigi; Bertotti, Elvio; Carignani, Giancarlo; Cipriani, Aldo; Donato, Aldo; and Grossi, Giuseppe, 4,530,783, Cl. 252-628.000.
Snider, Bruno, to Sogimi s.r.l. Reactive polymers for dermal and transdermal therapy. 4,560,555, 12-24-85, Cl. 424-78.000.
Snider, David M.: *See—*
  Patrick, Michael J.; and Snider, David M., 4,542,453, Cl. 364-200.000.
Snider, Glenn R.: *See—*
  Spinks, R. Joe, Jr.; Snider, Glenn R.; and Deasy, Richard E., 4,545,059, Cl. 375-1.000.
Snider, Joel M.: *See—*
  Mueller, Dale E.; and Snider, Joel M., 4,533,126, Cl. 267-141.000.
Snider, Robert A. Seat frame. 4,502,731, 3-5-85, Cl. 297-452.000.

Snider, Robert W.: *See—*

Norrie, Lyle W.; Snider, Robert W.; and Simonsen, Knud, 4,498,378, Cl. 99-472.000.

Snider, Scott C.; and DeLeon, Alberto, to Celotex Corporation, The. Alkoxylated aromatic amine-aromatic polyester polyol blend and polyisocyanurate foam therefrom. 4,496,625, 1-29-85, Cl. 428-318.400.

Snider, Scott C.; and DeLeon, Alberto, to Celotex Corporation, The. Alkoxylated aromatic amine-aromatic polyester polyol blend and polyisocyanurate foam therefrom. 4,555,418, 11-26-85, Cl. 427-373.000.

Snider, Wendall L.; and Wagner, Edward A., to Berkeley Glasslab. Cantilever paddle for use with wafer boats. 4,516,897, 5-14-85, Cl. 414-180.000.

Snider, William R. Motorized collapsible golf cart. 4,522,281, 6-11-85, Cl. 180-208.000.

Snipes, Wallace: *See—*

Keith, Alec D.; and Snipes, Wallace, 4,492,685, Cl. 424-28.000.

Snitkin, Sidney R.: *See—*

Ginzburg, Vladimir B.; and Snitkin, Sidney R., 4,513,594, Cl. 72-8.000.

Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., to E. R. Squibb & Sons, Inc. Compositions of 7-oxabicycloheptane and 7-oxabicycloheptene compounds and a method for their use in inhibiting bronchoconstriction. 4,537,904, 8-27-85, Cl. 514-469.000.

Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane and 7-oxabicycloheptene compounds. 4,537,981, 8-27-85, Cl. 549-463.000.

Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane and 7-oxabicycloheptene compounds. 4,556,675, 12-3-85, Cl. 514-469.000.

Snively, Ross C., to Western Production Corporation. Organic growth inducing compound developed from coal and additives. 4,541,857, 9-17-85, Cl. 71-24.000.

Snodgrass, Charles W.: *See—*

Simpson, William B., Jr.; Lundy, David F.; Parnell, R. L.; Snodgrass, Charles W.; Miller, Edward B.; and Harvey, John M., 4,528,035, Cl. 75-257.000.

Snoe, Felix C.; and Spector, George. Soft drink can crusher. 4,561,350, 12-31-85, Cl. 100-98.00R.

Snook, Craig W.: *See—*

Swearingen, Loren L.; Heinsohn, Alfred W.; Snook, Craig W.; Embrey, Wallace E.; and McConchie, Garnet E., 4,559,110, Cl. 203-37.000.

Snook, Harvey: *See—*

Curtain, Cyril C.; and Snook, Harvey, 4,554,390, Cl. 568-870.000.

Snook, Randolph W., to Crown Union, Inc. Chimney lining system including frame-supported membrane. 4,519,303, 5-28-85, Cl. 98-58.000.

Snow, Arthur W.: *See—*

Kovacena, Thomas A.; DeMarco, Ronald A.; and Snow, Arthur W., 4,551,349, Cl. 427-255.600.

Kovacina, Thomas A.; DeMarco, Ronald A.; and Snow, Arthur W., 4,535,011, Cl. 427-255.600.

Snow, Bennie E.: *See—*

Martens, Alan; Hobbs, Milton M.; and Snow, Bennie E., 4,552,099, Cl. 122-451.100.

Snow Brand Milk Products Co., Ltd.: *See—*

Kobayashi, Koji; and Shimizu, Keisuke, 4,548,333, Cl. 220-276.000.

Snow, Corinne M. Solar collector assembly. 4,559,925, 12-24-85, Cl. 126-430.000.

Snow, Craig A.: *See—*

Dickinson, Robert V.; Galie, Louis M.; and Snow, Craig A., 4,499,553, Cl. 364-900.000.

Snow, Harold D.: *See—*

Rand, Robert W.; Snow, Harold D.; Elliott, David G.; and Haskins, Glenn M., 4,545,368, Cl. 128-1.300.

Snow, Howard R., to Brand-Rex Company. Power safety lock system. 4,542,946, 9-24-85, Cl. 339-40.000.

Snow, John P., to Lubriquip-Houdaille, Inc. Lubricant applying system and injector means. 4,520,902, 6-4-85, Cl. 184-7.400.

Snow, Kenneth T. Dialysis clamp. 4,557,262, 12-10-85, Cl. 128-325.000.

Snow, Richard F., to Cooper Industries, Inc. Adjustable lighting luminaire. 4,556,936, 12-3-85, Cl. 362-371.000.

Snow, Roger L., Sr.; and Atkinson, Thomas J. Pipe thread protector. 4,501,301, 2-26-85, Cl. 138-96.00T.

Snow, William E.: *See—*

Burton, William H.; and Snow, William E., 4,505,035, Cl. 29-843.000.

Snow, William R.: *See—*

Ellenberger, Charles E.; Bower, George L.; and Snow, William R., 4,500,563, Cl. 427-38.000.

Snowden, Roger L.: *See—*

Schulte-Elte, Karl-Heinrich; Snowden, Roger L.; and Muller, Bernard L., 4,543,431, Cl. 568-826.000.

Snowden, Wesley R.; and Walter, Erhard P., to Corvent International Limited. Hanging folder frame support. 4,526,277, 7-2-85, Cl. 211-46.000.

Snowdon, Brian, to Macawber Engineering Limited. Method and apparatus for unblocking conveying pipes for particulate material. 4,515,503, 5-7-85, Cl. 406-11.000.

Snyckers, Friedrich O.: *See—*

Fourie, Theunis G.; Dekker, Theodor G.; Snyckers, Friedrich O.; and van der Schyf, Cornelis J., 4,503,256, Cl. 568-331.000.

Snyder, Clair W., Jr.: *See—*

Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,506,940, Cl. 339-17.0LC.

Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,550,960, Cl. 339-14.00R.

Douty, George H.; Landis, John M.; and Snyder, Clair W., Jr., 4,537,454, Cl. 339-45.00M.

Snyder Corporation: *See—*

Beard, Frederick H.; Moyer, Maynard M.; and Smith, Clarence, Jr., 4,516,307, Cl. 29-564.000.

Snyder, Daniel D.: *See—*

Korte, Kevin R.; and Snyder, Daniel D., 4,517,992, Cl. 131-304.000.

Snyder, Daniel R.: *See—*

Whitehouse, Craig M.; Snyder, Daniel R.; and Luther, Ronald B., 4,559,043, Cl. 604-201.000.

Snyder, Daniel S., to Imperial Clevite Inc. Piezoelectric reed power supply for use in abnormal tire condition warning systems. 4,510,484, 4-9-85, Cl. 340-58.000.

Snyder, Daniel S.; and Benincasa, Timothy C., to Imperial Clevite Inc. Radio circuit tuned by adjustably deforming an inductance coil. 4,511,869, 4-16-85, Cl. 334-20.000.

Snyder, David E., to Axelson, Inc. Pressure controller. 4,523,602, 6-18-85, Cl. 137-467.000.

Snyder, Dennis L.: *See—*

Graves, Daniel F.; and Snyder, Dennis L., 4,544,537, Cl. 423-300.000.

Snyder, Evan S.: *See—*

Khanna, Pyare; Snyder, Evan S.; and Singh, Prithipal, 4,544,765, Cl. 560-29.000.

Snyder, Fred W.: *See—*

Turbak, Albin F.; Snyder, Fred W.; and Sandberg, Karen R., 4,500,546, Cl. 514-781.000.

Snyder General Corporation: *See—*

Hoeffken, Russell W., 4,510,660, Cl. 29-157.30D.

Hoeffken, Russell W.; and Wiese, John M., 4,538,338, Cl. 29-509.000.

Hoeffken, Russell W., 4,547,943, Cl. 29-157.30R.

Trigourea, Spiridon, 4,501,193, Cl. 98-33.100.

Snyder, Hal D. Venting device for gas-carrying systems. 4,549,475, 10-29-85, Cl. 98-122.000.

Snyder Industries, Inc.: *See—*

Hammond, Clifton E., 4,558,799, Cl. 220-343.000.

Snyder, Larry L., 4,504,535, Cl. 428-137.000.

Snyder, Irving F.; and Luebeck, Duane A., to Polaris Home Systems, Inc. Centrifugal sprayer having hollow cone feeder. 4,553,700, 11-19-85, Cl. 239-215.000.

Snyder, James K.: *See—*

Matteucci, John S.; Snyder, James K.; and Hahn, Robert E., 4,536,998, Cl. 52-171.000.

Snyder, John S., Jr., to Communications Satellite Corporation. Analog threshold decoder. 4,519,080, 5-21-85, Cl. 371-43.000.

Snyder, Kenneth L., Jr.; and Peters, James, to Dow Chemical Company, The. Water-based hydraulic fluids. 4,493,777, 1-15-85, Cl. 252-49.300.

Snyder, Kurt I.: *See—*

Christie, Alan M.; and Snyder, Kurt I., 4,500,487, Cl. 376-283.000.

Snyder Laboratories, Inc.: *See—*

Atkinson, Robert W.; Elliott, Joseph W.; and Johnson, Donald W., 4,519,385, Cl. 128-66.000.

Atkinson, Robert W., 4,555,645, Cl. 310-27.000.

Atkinson, Robert W., 4,561,431, Cl. 128-66.000.

Benjamin, Thomas A.; and Ransom, Dean A., 4,559,035, Cl. 604-73.000.

Todd, Edward P.; and Weilbacher, Eugene E. (said Eugene E. Weilbacher assors. to), 4,534,765, Cl. 604-321.000.

Weilbacher, Eugene E.; and Ransom, Dean A., 4,529,402, Cl. 604-133.000.

Snyder, Larry L., to Harrison Western Corporation. Shaft boring machine. 4,494,617, 1-22-85, Cl. 175-86.000.

Snyder, Larry L., to Harrison Western Corporation. Tunnel boring machine. 4,494,799, 1-22-85, Cl. 299-31.000.

Snyder, Larry L., to Snyder Industries, Inc. Fastening ring insert for a molded plastic article. 4,504,535, 3-12-85, Cl. 428-137.000.

Snyder, Larry L., to Harrison Western Corporation. Tunnel boring machine. 4,527,837, 7-9-85, Cl. 299-31.000.

Snyder, Mark A.: *See—*

Nafziger, John L.; Snyder, Mark A.; and Mobley, Larry W., 4,552,902, Cl. 521-129.000.

Nafziger, John L.; Snyder, Mark A.; and Mobley, Larry W., 4,552,903, Cl. 521-137.000.

Snyder, Nelson P.: *See—*

Snyder, William F.; and Snyder, Nelson P., 4,522,447, Cl. 297-452.000.

Snyder, Richard H.: *See—*

Draxler, James R.; and Snyder, Richard H., 4,539,452, Cl. 200-334.000.

Snyder, Robert G.: *See—*

Wierzba, Robert B.; Snyder, Robert G.; and Kleefisch, Blaise H., 4,545,411, Cl. 141-91.000.

Snyder, Solomon H.; and Gould, Robert J., to Johns Hopkins University, The. Assay method for organic calcium antagonist drugs and a kit for such an assay. 4,520,112, 5-28-85, Cl. 436-504.000.

Snyder, Stephen J.: *See—*

Marshall, G. June; and Snyder, Stephen J., 4,504,493, Cl. 514-738.000.

Snyder, Thomas S.: *See—*

Murray, Alexander P.; and Snyder, Thomas S., 4,537,666, Cl. 204-129.950.

Snyder, Walter W; and Dettmer, Dennis G., to National Can Corporation. Apparatus for producing seamless container bodies. 4,530,228, 7-23-85, Cl. 72-349.000.

Snyder, Walter W., to National Can Corporation. Cup feeding mechanism. 4,534,202, 8-13-85, Cl. 72-349.000.

Snyder, Walter W.; and Dettmer, Dennis G., to National Can Corporation. Method for producing seamless container bodies. 4,546,636, 10-15-85, Cl. 72-346.000.

Snyder, Warren E., to Dresser Industries, Inc. Method and apparatus for controlling air to gas ratio in gas engines. 4,512,304, 4-23-85, Cl. 123-344.000.

Snyder, Wayne E. Hand truck apparatus for elevating and transporting an object. 4,536,123, 8-20-85, Cl. 414-448.000.

Snyder, William B., Jr.: *See—*

Prakash, Sri; and Snyder, William B., Jr., 4,517,155, Cl. 419-19.000.

Snyder, William F.; and Snyder, Nelson P. Foam seat and back cushions. 4,522,447, 6-11-85, Cl. 297-452.000.

Snyder, William J.; Miller, Raymond H.; and Kobayashi, Hisashi, to Union Carbide Corporation. Flame signal enhancer for post-mixed burner. 4,525,138, 6-25-85, Cl. 431-187.000.

Snygg, Keijo K., to Lenox Machine Company, Inc. Method and apparatus for winding webs. 4,516,735, 5-14-85, Cl. 242-56.00R.

SO. CO. EN. s.r.l.: *See—*

Venturini, Andrea, deceased, 4,538,981, Cl. 431-190.000.

So, Edoy. Frequency compensating current circuit for a current comparator capacitance bridge. 4,528,498, 7-9-85, Cl. 324-59.000.

So, Eddy, to Canadian Patents & Development Limited. Replica circuit. 4,554,513, 11-19-85, Cl. 330-85.000.

SO.M.A. Europe Transmission: *See—*

Rogier, Leonce, 4,540,073, Cl. 192-4.00A.

So, Ying-Hung, to Dow Chemical Company, The. Electrochemical chlorination process. 4,495,036, 1-22-85, Cl. 204-59.00R.

So, Yuzo: *See—*

Suzuki, Koichi; Oose, Seiroku; So, Yuzo; and Hirao, Yasutaka, 4,509,104, Cl. 362-32.000.

Soares, Gloria M. G.: *See—*

Abdel-Hehim, Hossam A. A.; Coelho, Wagner C.; and Soares, Gloria M. G., 4,523,941, Cl. 71-37.000.

Sobajima, Yoshihiro: *See—*

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,504,617, Cl. 524-426.000.

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, 4,552,689, Cl. 252-511.000.

Sobczak, Isidore F.; Cleveland, William C., Jr.; and Pons, Robert L., to Ford Aerospace & Communications Corporation. Lightweight azimuth/elevation mount. 4,535,961, 8-20-85, Cl. 248-183.000.

Sobel, David D. Bracket for picture frame. 4,531,315, 7-30-85, Cl. 40-155.000.

Soberman, Robert K.: *See—*

Belsterling, Charles A.; and Soberman, Robert K., 4,536,690, Cl. 318-687.000.

Sobey, Arthur E., Jr., to LTV Aerospace and Defense Company. High speed erasing and rebiasing of thermoptic thin films in the medium and long-wave infrared. 4,545,641, 10-8-85, Cl. 350-1.100.

Sobin, Sidney S.; and Netto, Daniel J. Tapered torque strain relief coupling. 4,509,877, 4-9-85, Cl. 403-41.000.

Sobolev, Jury A.: *See—*

Kosolapov, Gennady M.; Revin, Alexandr A.; Komarov, Jury Y.; Umnyashkin, Vladimir A.; Kondrashkin, Alexandr S.; and Sobolev, Jury A., 4,536,041, Cl. 303-119.000.

Sobolewski, Barbara: *See—*

Lowd, David L.; Sobolewski, Gerald J.; Lowd, Lynne R.; and Sobolewski, Barbara, 4,531,245, Cl. 4-144.300.

Sobolewski, Gerald J.: *See—*

Lowd, David L.; Sobolewski, Gerald J.; Lowd, Lynne R.; and Sobolewski, Barbara, 4,531,245, Cl. 4-144.300.

Sobolewski, Robert, and Eberle, David N., to Republic Steel Corporation. Method and apparatus for alloying continuously cast steel products. 4,520,861, 6-4-85, Cl. 164-473.000.

Sobolewski, Robert: *See—*

Markarian, Kegham M.; and Sobolewski, Robert, 4,538,669, Cl. 164-451.000.

Sobon, Joseph T.: *See—*

Amendola, Albert; Schmeckenbecher, Arnold F.; and Sobon, Joseph T., 4,546,065, Cl. 430-313.000.

Amendola, Albert; Schmeckenbecher, Arnold F.; and Sobon, Joseph T., 4,552,615, Cl. 158-659.100.

Sobota, James J.; and Bradshaw, William G. Method and apparatus for cleaning printing presses. 4,534,291, 8-13-85, Cl. 101-426.000.

Soboul, Raymond: *See—*

Lehmann, Jean-Marc; Soboul, Raymond; and Macaire, Marcel, 4,546,221, Cl. 200-50.0AA.

Sobryco, Inc.: *See—*

Eriksen, Wilbur R.; and Payne, Harry E., Jr., 4,492,673, Cl. 422-85.000.

Soca, Serge: *See—*

Favreau, Michel; Bajon, Jean; and Soca, Serge, 4,499,486, Cl. 358-37.000.

Socapex: *See—*

Bricaud, Herve; and L'Henaff, Patrick, 4,555,153, Cl. 339-17.0CF.

Socha, Richard F.: *See—*

Chang, Clarence D.; Penick, Joe E.; and Socha, Richard F., 4,542,247, Cl. 585-254.000.

Sochor, Josef, to Robert Bosch GmbH. Two-channel transmission or storage method for digital color television signals. 4,491,861, 1-1-85, Cl. 358-13.000.

Sochor, Josef, to Robert Bosch GmbH. Method of recording digital audio and video signals in the same track. 4,547,816, 10-15-85, Cl. 360-19.100.

Sochor, Josef: *See—*

Schulz, Axel; and Sochor, Josef, 4,524,396, Cl. 360-67.000.

Sociaal Werkvoorzieningschap Zuidwest-Veluwe: *See—*

Veeze, Christiaan E., 4,531,296, Cl. 33-189.000.

Sociedad Minera Pudahuel Ltda., C.P.A.: *See—*

Domic, Esteban M.; and Hein, Hans C., 4,561,887, Cl. 75-65.00R.

Societa Cavi Pirelli S.p.A.: *See—*

Borroni, Andrea, 4,519,197, Cl. 57-64.000.

Dotti, Enrico; and Mariani, Beniamino, 4,497,164, Cl. 57-6.000.

Dotti, Enrico, 4,528,148, Cl. 264-1.500.

Giussani, Alberto, 4,536,610, Cl. 174-26.00R.

Lanfranconi, Gianmario; and Monti, Giuseppe, 4,498,812, Cl. 405-168.000.

Priaroggia, Paolo G., 4,540,889, Cl. 307-2.000.

Strada, Francesco; and Bazzi, Giuseppe, 4,523,648, Cl. 174-26.00R.

Vecellio, Bernardino, 4,491,684, Cl. 174-26.00R.

Vecellio, Bernardino, 4,556,756, Cl. 174-25.00R.

Societa' Impianti Elettrici Telefonici Telegrafici e Costruzioni Edili: *See—*

Greco, Claudio; and Blandino, Silvano, 4,536,139, Cl. 417-471.000.

Societa Italiana Lenti S.I.L.-s.r.l.: *See—*

Padoan, Giorgio M., 4,497,754, Cl. 264-1.400.

Societa Italiana Resine S.I.R.-S.p.A.: *See—*

Radici, Pierino, 4,530,980, Cl. 526-73.000.

Societa Italiana Vetro-SIV-S.p.A.: *See—*

Cestaro, Massimo; and De Lena, Oscar, 4,527,164, Cl. 343-713.000.

Massarelli, Liberto; and Capriotti, Luigi, 4,535,438, Cl. 369-264.000.

Pinelli, Tazio; and Sebastiano, Francesco, 4,514,040, Cl. 350-286.000.

Pinelli, Tazio; and Sebastiano, Francesco, 4,530,576, Cl. 350-452.000.

Sebastiano, Francesco, 4,541,881, Cl. 156-99.000.

Societa Italo-Britannica L. Mannetti-H. Roberts & C.: *See—*

Comi, Gaetano; and Pandolfi, Maurizio, 4,532,129, Cl. 424-94.000.

S.p.A. Giuseppe Olmo - Superflexite Italiana: *See—*

Melle, Bruno, 4,492,664, Cl. 264-46.200.

S.p.A. Luigi Rizzi & C.: *See—*

Repetto, Silvio, 4,549,416, Cl. 69-10.000.

Repetto, Silvio, 4,559,794, Cl. 69-43.000.

Societa Pneumatici Pirelli S.p.A.: *See—*

Caretta, Renato; and Colombani, Bruno, 4,529,461, Cl. 156-124.000.

Salvadori, Bruno, 4,515,541, Cl. 425-47.000.

Tavazza, Giuseppe; and Boiocchi, Maurizio, 4,502,521, Cl. 152-381.400.

Tavazza, Giuseppe; and Bottasso, Franco, 4,561,482, Cl. 152-381.400.

Societe A.C.B.: *See—*

Berthollet, Pierre, 4,494,325, Cl. 37-2.00R.

Societe a Responsabilite Limitee styled: Speri-France: *See—*

Guillaume, Jean-Luc, 4,537,817, Cl. 428-260.000.

Societe Alsacienne de Construction de Material Textile: *See—*

Juillard, Yves, 4,556,089, Cl. 139-453.000.

Societe Alsacienne de Construction de Materiel Textile: *See—*

Faessler, Rene , 4,499,719, Cl. 57-417.000.

Kiwior, Denis; and Riner, Victor, 4,497,347, Cl. 139-449.000.

Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,529,015, Cl. 139-435.000.

Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,544,001, Cl. 139-443.000.

Moessinger, Albert; Gosciniak, Guy; and Angebault, Joel, 4,553,570, Cl. 139-435.000.

Societe Alsacienne de Constructions Mecaniques de Mulhouse: *See—*

Gosciniak, Guy; Juillard, Yves; Menissier, Pierre; and Moessinger, Albert, 4,509,563, Cl. 139-443.000.

Scherrer, Pascal; and Juillard, Yves, 4,542,816, Cl. 139-448.000.

S.A. Arlux: *See—*

Batard, Denis; Freland, Jean-Claude; Wallez, Bernard; Desffains, Jean Paul; and Valle, Roger, 4,559,933, Cl. 128-78.000.

Societe Anonyme: Aussedat-Rey: *See—*

Riou, Claude R.; and Fayard, Jean F., 4,536,219, Cl. 106-21.000.

Societe Anonyme Automobiles Citroen: *See—*

Blion, Didier, 4,498,600, Cl. 220-255.000.

Bortolussi, Gerard, 4,497,289, Cl. 123-90.270.

Dore, Jacques P.; and Guerlet, Bernard G. J., 4,507,100, Cl. 464-111.000.

Dore, Jacques P., 4,559,025, Cl. 464-175.000.

Fefeu, Michel, 4,491,119, Cl. 123-557.000.

Ferrand, Michel; and Durupt, Maurice, 4,497,394, Cl. 188-322.150.

Harmand, Michel, 4,500,130, Cl. 296-65.00R.

Hulin, Rene; and Schuler, Daniel, 4,524,635, Cl. 74-476.000.

Largeteau, Pierre A., 4,516,359, Cl. 51-349.000.

Sedille, Marcel; and Le Creurer, Maurice, 4,519,211, Cl. 60-602.000.

Vilain, Claude; and Noel, Gapp, 4,550,932, Cl. 280-689.000.

Societe Anonyme Automobiles Peugeot: *See—*

Blion, Didier, 4,498,600, Cl. 220-255.000.

Bortolussi, Gerard, 4,497,289, Cl. 123-90.270.

Dore, Jacques P.; and Guerlet, Bernard G. J., 4,507,100, Cl. 464-111.000.

Dore, Jacques P., 4,559,025, Cl. 464-175.000.

Fefeu, Michel, 4,491,119, Cl. 123-557.000.
Ferrand, Michel; and Durupt, Maurice, 4,497,394, Cl. 188-322.150.
Harmand, Michel, 4,500,130, Cl. 296-65.00R.
Hulin, Rene; and Schuler, Daniel, 4,524,635, Cl. 74-476.000.
Largeteau, Pierre A., 4,516,359, Cl. 51-349.000.
Sedille, Marcel; and Le Creurer, Maurice, 4,519,211, Cl. 60-602.000.
Vilain, Claude; and Noel, Gapp, 4,550,932, Cl. 280-689.000.
Societe Anonyme: Compagnie Generale de Materiel Orthopedique: *See—*
Pecheux, Jean-Claude, 4,501,267, Cl. 128-84.00R.
Societe Anonyme: Construction Electriques R.V.: *See—*
Gaiffier, Albert, 4,552,528, Cl. 431-25.000.
Societe Anonyme D.B.A.: *See—*
Bailey, Ronald D.; Charbonnier, Jacques; and Chotard, Michel, 4,553,649, Cl. 188-340.000.
Carre, Jean-Jacques, 4,502,573, Cl. 188-79.50P.
Carre, Jean-Jacques; Pressaco, Pierre; and Mery, Jean-Claude, 4,503,949, Cl. 188-79.50P.
Carre, Jean-Jacques, 4,516,810, Cl. 303-24.00F.
Carre, Jean-Jacques; and Courbot, Pierre, 4,522,576, Cl. 418-194.000.
Carre, Jean-Jacques; Courbot, Pierre; and Mery, Jean-Claude, 4,533,023, Cl. 188-73.340.
Carre, Jean-Jacques, 4,533,025, Cl. 188-73.440.
Carre , Jean-Jacques; and Pressaco, Pierre, 4,553,646, Cl. 188-196.0BA.
Carre, Jean-Jacques; and Pressaco, Pierre, 4,560,209, Cl. 303-22.00R.
Courbot, Pierre, 4,527,667, Cl. 188-73.340.
Courbot, Pierre, 4,527,670, Cl. 188-73.440.
Deligny, Jean, 4,549,709, Cl. 248-56.000.
Escarabajal, Gislain; and Maligne, Jean-Charles, 4,515,249, Cl. 188-73.380.
Gerard, Jean-Louis; Le Marchand, Claude; and Raguier, Marcel, 4,560,038, Cl. 188-73.380.
Guidicelli, Charles, 4,494,719, Cl. 248-27.100.
Le Marchand, Claude, 4,527,664, Cl. 188-1.110.
Meynier, Guy, 4,534,170, Cl. 60-547.100.
Meynier, Guy, 4,540,067, Cl. 188-71.500.
Morin, Gerard, 4,491,058, Cl. 91-376.00R.
Morin, Gerard, 4,504,166, Cl. 403-147.000.
Morin, Gerard, 4,559,692, Cl. 29-441.00R.
Muterel, Roland, 4,505,519, Cl. 303-6.00A.
Pressaco, Pierre; and Carre, Jean-Jacques, 4,499,812, Cl. 91-376.00R.
Riquart, Christian; Volan, Gerard; and Pressaco, Pierre, 4,503,954, Cl. 188-331.000.
Tanguy, Christian, 4,499,922, Cl. 137-625.240.
Tanguy, Christian, 4,534,382, Cl. 137-627.500.
Tourneur, Roger, 4,560,036, Cl. 188-73.320.
Societe Anonyme DBA: *See—*
Mery, Jean-Claude, 4,553,645, Cl. 188-73.340.
Societe Anonyme de Recherche et d'Etudes Techniques: *See—*
Augier, Robert, 4,559,004, Cl. 425-261.000.
Societe Anonyme de Telecommunications: *See—*
ab der Halden, Charles H.; and Berenguier, Pierre H., 4,551,845, Cl. 375-40.000.
Beaudet, Didier, 4,504,976, Cl. 455-611.000.
Beynie, Claude P., 4,550,403, Cl. 370-110.100.
Bourdillot, Michel; Gauthier, Andre; Maille, Jacques; and Pitault, Bernard, 4,532,699, Cl. 29-572.000.
Delebecque, Robert P., 4,529,266, Cl. 350-96.230.
Levy, Pierre; and Robert, Andre, 4,540,139, Cl. 244-3.190.
Levy, Pierre; and Robert, Andre, 4,540,140, Cl. 244-3.190.
Missout, Bernard M., 4,548,567, Cl. 425-113.000.
Ouhayoun, Michel; and Robert, Alain, 4,551,843, Cl. 372-87.000.
Societe Anonyme de Vehicules Industriels et d'Equipements Mecaniques (SAVIEM): *See—*
Besson, Bernard; and Guernet, Jacques, 4,548,098, Cl. 74-687.000.
S.A. des Ateliers Houget Duesberg Bosson: *See—*
Kunig, Helmut, 4,503,589, Cl. 19-129.00R.
Kunig, Helmut, 4,532,678, Cl. 19-129.00R.
Societe Anonyme des Etablissements Jouvenel et Cordier: *See—*
Berte, Francois, 4,494,573, Cl. 137-625.500.
S.A. des Etablissements Staubli (France): *See—*
Froment, Jean P., 4,546,800, Cl. 139-66.00A.
Froment, Jean-Paul, 4,557,298, Cl. 139-71.000.
Palau, Joseph, 4,541,459, Cl. 139-88.000.
Societe Anonyme des Plieuses Automatiques: *See—*
Maure, Jean, 4,519,180, Cl. 53-234.000.
Societe Anonyme des Produits Ceramiques de Touraine: *See—*
Genetay, Michel; and Dangers, Gerard, 4,524,500, Cl. 29-157.00R.
Societe Anonyme des Usines Chausson: *See—*
Hoyer, Francis L. E., 4,501,387, Cl. 228-183.000.
Quercy, Alexandre, 4,494,792, Cl. 297-63.000.
Quercy, Alexandre P. L., 4,551,060, Cl. 414-541.000.
Societe Anonyme d'Etudes, de Recherches et de Productions d'Agents Chimiques: *See—*
Treyssac, Georges M.; and Morawek, Robert, 4,528,098, Cl. 210-414.000.
Societe Anonyme d'Explosifs et de Produits Chimiques: *See—*
Benichou, Alain; and Siguier, Max, 4,530,206, Cl. 57-250.000.
Murphy, John M.; Spensley, Robert H.; and Ellis, John, 4,558,781, Cl. 206-219.000.
Societe Anonyme dite: Ceraver: *See—*
Kaczerginski, Alexandre; and Kaminski, Jean-Jacques, 4,491,687, Cl. 174-178.000.
Societe Anonyme dite: Compagnie Generale d'Electricite: *See—*
Le Mehaute, Alain; and Belin, Claude, 4,495,258, Cl. 429-103.000.
Societe Anonyme dite: Delas-Weir: *See—*
Andrieux, Bernard, 4,559,996, Cl. 165-76.000.
Societe Anonyme dite: Elf France: *See—*
Hagenbach, Germain; Maldonado, Paul; and Maurice, Jacques, 4,554,313, Cl. 525-54.500.
Societe Anonyme dite: Etablissements: *See—*
Llorente, Jacques L., 4,548,319, Cl. 206-314.000.
Societe Anonyme dite: Etablissements Tourtellier S.A.: *See—*
Willmann, Claude, 4,520,733, Cl. 104-93.000.
Societe Anonyme dite: Etude et Realisation de Chaines Automatiques ERCA: *See—*
Hautemont, Jean-Claude H., 4,503,656, Cl. 53-396.000.
Hautemont, Jean-Claude H., 4,534,494, Cl. 222-148.000.
Societe Anonyme dite: Etudes et Fabrications Optiques: *See—*
Otto, Maurice J.; and Peridont, Jean-Pierre, 4,520,596, Cl. 51-55.000.
Societe Anonyme dite: Fast Lunch: *See—*
Marais, Jacques, 4,561,144, Cl. 15-302.000.
Societe Anonyme dite: Institut Merueux: *See—*
Montagnon, Bernard J.; and Fanget, Bernard J. C., 4,525,349, Cl. 424-89.000.
Societe Anonyme dite: Manufacture de Produits Chimiques Protex: *See—*
Balland, Jean, 4,547,196, Cl. 8-496.000.
Tesson, Gerard; and Joseph, Christian, 4,499,246, Cl. 525-486.000.
Societe anonyme dite: Prestinox S.A.: *See—*
Oury, Jean-Claude, 4,521,673, Cl. 219-230.000.
Societe Anonyme dite: SAFT: *See—*
Atkin, John; and Loustau, Marie-Therese, 4,514,473, Cl. 429-10.000.
Societe Anonyme dite: Societe Metallurgique Haut-Marnaise: *See—*
Picaud, Michel M. R., 4,556,080, Cl. 137-296.000.
Societe Anonyme dite: Union Chimique et Industrielle de l'Quest (U.C.I.O.-S.A.): *See—*
Moran, Francis, 4,562,042, Cl. 422-13.000.
S.A. Fouquet: *See—*
Arvai, Tibor, 4,538,488, Cl. 62-32.000.
Societe Anonyme Francaise du Ferodo: *See—*
Billet, Rene, 4,502,198, Cl. 29-402.080.
Cadars, Patrick, 4,534,409, Cl. 165-109.00T.
Societe Anonyme H.K. France: *See—*
Kinas, Henry, 4,551,046, Cl. 409-82.000.
S.A. Joy & Cie: *See—*
Joly, Arthur, 4,541,222, Cl. 53-399.000.
S.A. Labaz N.V.: *See—*
Rosseels, Gilbert; and Inion, Henri, 4,520,026, Cl. 514-299.000.
Societe Anonyme: Leisystem: *See—*
Maurin, Suzanne M., 4,503,797, Cl. 114-106.000.
S.A. Martin: *See—*
Berthelot, Daniel; and Girerd, Jean-Paul, 4,549,924, Cl. 156-470.000.
Capdebosco, Bernard; and Mion, Jean-Luc, 4,506,875, Cl. 271-99.000.
S.A. Panmedica: *See—*
Laruelle, Claude; Lepant, Marcel; and Raynier, Bernard, 4,518,587, Cl. 514-19.000.
S.A. Presure Granday: *See—*
Granday, Georges; and Jeandot, Marcel, 4,526,792, Cl. 426-56.000.
S.A. Robinetterie, S.F.R.: *See—*
Huveteau, Jean L., 4,543,988, Cl. 137-542.000.
Societe Anonyme S.T.A.S. Societe Technique d'Accessoires Specialises: *See—*
Archer, Michel, 4,502,337, Cl. 73-762.000.
Societe Anonyme Saunier Duval Eau Chaude Chauffage - S.D.E.C.C.: *See—*
Boulle, Franck; and Zveguintzoff, Michel, 4,519,540, Cl. 237-7.000.
Charron, Jean-Claude; Mulsant, Philippe; and Poujoulat, Yvan, 4,491,092, Cl. 122-18.000.
Societe Belge d'Exploitation de la Navigation Aerienne (SABENA): *See—*
Grognard, Leon L., 4,555,078, Cl. 244-54.000.
Societe Bourguignonne de Mercanique: *See—*
Juras, Martin, 4,531,844, Cl. 374-208.000.
Societe Carbochimique: *See—*
Lambert, Pierre M.; and De Aguirre-Otegui, Ignacio, 4,544,743, Cl. 544-64.000.
Societe Chimique de Charbonnages CdF Chimic: *See—*
Boutonnat, Maurice; and Marget, Christian, 4,538,448, Cl. 73-27.00R.
Courbon, Paul, 4,534,230, Cl. 73-863.230.
Ippolito, Serge; and Cagnioncle, Georges A., 4,535,853, Cl. 175-404.000.
Societe Chimique de la Grande Paroisse, Azote et Produits Chimiques: *See—*
Denise, Bernard; Hamon, Christian; Senes, Michel; and Sneeden, Raymond, 4,500,646, Cl. 502-78.000.
Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,505,879, Cl. 422-197.000.
Lhonore, Pierre; Quibel, Jacques; Jacquinot, Bernard; Jestin, Yvon; and Pelletier, Robert, 4,518,811, Cl. 568-943.000.

Societe Chimique des Charbonnages-CdF Chimie: *See—*
Avenel, Michel; Evrard, Paul; and Leca, Jean-Paul, 4,549,033, Cl. 136-251.000.
Bujadoux, Karel, 4,517,346, Cl. 526-153.000.
Bujadoux, Karel; and Neyer, Jean-Marie, 4,537,868, Cl. 502-104.000.
Grasset, Daniel; and Martinot, Bernard, 4,534,942, Cl. 422-117.000.
Mehalla, Hacene, 4,514,542, Cl. 525-193.000.
Meyer, Nicolas; and Cousin, Michel, 4,555,544, Cl. 524-595.000.
Pichat, Philippe; Niel, Michel; and Sinn, Robert, 4,523,954, Cl. 106-110.000.
Takayuki, Okada; Hisao, Tanaka; Ken-Ichi, Sawara; and Tsutomu, Konaka, 4,551,509, Cl. 526-68.000.
Societe Civile Bioprojet. *See—*
Roques, Bernard; Schwartz, Jean-Charles; and Lecomte, Jeanne-Marie, 4,513,009, Cl. 514-513.000.
Societe Civile Professionnelle Gazzano & Blais: *See—*
De Brossard, Philippe, 4,504,985, Cl. 4-506.000.
Societe Civile Styled: BMB: *See—*
Moiroux, Auguste, 4,513,697, Cl. 123-41.350.
Societe Cortial, S.A.: *See—*
Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, 4,497,812, Cl. 514-211.000.
Creuzet, Marie-Helene; Feniou, Claude; Jarry, Christian; Prat, Gisele; and Pontagnier, Henri, 4,499,090, Cl. 514-210.000.
Societe d'Applications Generales d'Electricite et de Mecanique Sagem: *See—*
Barriac, Jacques, 4,530,164, Cl. 33-324.000.
Barriac, Jacques, 4,530,237, Cl. 73-178.00R.
Barthelat, Rene ; and Dore, Alain, 4,491,397, Cl. 350-500.000.
Vegeais, Patrick; Brot, Michel; and Valet, Jean-Yves, 4,555,715, Cl. 346-76.0PH.
Societe d'Assistance Technique pour Produits Nestle S.A.: *See—*
Errass, Werner; and Waldmeier, Eduard, 4,497,843, Cl. 426-602.000.
Green, David; and Blanc, Maurice, 4,495,210, Cl. 426-422.000.
Green, David; and Blanc, Maurice, 4,508,743, Cl. 426-422.000.
Padly, Yvan; and Borgeaud, Roger, 4,511,589, Cl. 426-521.000.
Steinmetzer, Walter, 4,496,703, Cl. 562-443.000.
Societe de Conseils de Recherches et d'Applications Scientifiques: *See—*
Esanu, Andre, 4,492,701, Cl. 424-251.000.
Societe de Fabrication d'Instruments de Mesure: *See—*
Audren, Jean-Thierry; and Pelletier, Charlie, 4,546,292, Cl. 318-116.000.
Societe de Paris et du Rhone: *See—*
Mazzorana, Alfred B., 4,503,338, Cl. 290-38.00R.
Societe de Procedes et Etudes Soma Minerva: *See—*
Leboime, Pierre R., 4,546,672, Cl. 74-674.000.
Societe de Recherches et de Developpement Industriel S.A.: *See—*
Willot, Henri, 4,561,415, Cl. 125-11.00R.
Societe de Recherches Industrielles S.O.R.I.: *See—*
Majoie, Bernard; Bellamy, Francois; Dodey, Pierre; and Robin, Jacques, 4,528,294, Cl. 514-327.000.
Majoie, Bernard, 4,554,371, Cl. 560-52.000.
Societe de Transformation des Matieres Plastiques: *See—*
Heaume, Jean, 4,553,681, Cl. 220-72.000.
Societe de Vente de l'Aluminium Pechiney: *See—*
Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, 4,518,794, Cl. 560-192.000.
Boutevin, Bernard; Deiss, Willy-Jean; Maliszewicz, Marc; and Pietrasanta, Yves, 4,554,373, Cl. 560-192.000.
Cans, Yves; Gonda, Richard; and Tavernier, Marc, 4,523,627, Cl. 164-467.000.
Societe Degremont: *See—*
Durot, Jean; and Bernard, Jacques, 4,539,112, Cl. 210-219.000.
Societe d'Electronique Industrielle d'Elbeuf-Elindel: *See—*
Froeliger, Denis, 4,495,651, Cl. 455-158.000.
Societe Delsey: *See—*
Seynhaeve, Andre G., 4,544,050, Cl. 190-115.000.
Societe des Ateliers de Construction: *See—*
Haulotte, Georges, 4,498,596, Cl. 212-189.000.
Societe des Electrodes et Refractaires Savoie (SERS): *See—*
Dumas, Daniel; du Mesnildot, Bruno; and Michel, Christian, 4,544,641, Cl. 501-87.000.
Societe d'Etude du Radant: *See—*
Bolomey, Jean-Charles; and Michel, Yves, 4,552,151, Cl. 128-653.000.
Sadones, Henri, 4,518,966, Cl. 343-754.000.
Sadones, Henri, 4,531,126, Cl. 343-17.700.
Societe d'Etudes de Machines Thermiques SEMT: *See—*
Bonnaud, Pierre L., 4,513,572, Cl. 60-618.000.
Coulin, Jean-Paul, 4,550,647, Cl. 92-157.000.
Curtil, Remi, 4,561,253, Cl. 60-606.000.
Societe d'Etudes et Conselis A E R O: *See—*
Fourre, Remy; and de Langre, Bruno, 4,520,482, Cl. 371-68.000.
Societe d'Etudes et de Constructions Electriques et Mecaniques Secem: *See—*
Hartmann, Michel, 4,512,738, Cl. 432-247.000.
Societe d'Etudes et de Developpement des Aeroglisseurs Marins, Terrestres et Amphibies S.E.D.A.M.: *See—*
Duchateau, Claude M., 4,516,651, Cl. 180-127.000.
Societe d'Etudes et de Recherches de Ventilation et d'Aerauliques: *See—*
Jardinier, Pierre; and Simonnot, Jack, 4,515,308, Cl. 236-49.000.
Societe d'Etudes et Installations Industrielles CNUD S.A.: *See—*
Cemin, Hans, 4,534,780, Cl. 65-348.000.
Societe d'Etudes, Recherches et Constructions: *See—*
Fleurance, Claude; and Naudot, Jean-Claude, 4,549,285, Cl. 367-60.000.
Societe d'Etudes Scientifiques et Industrielles de l'Ile de France: *See—*
Perrot, Jacques; and Thominet, Michel, 4,550,179, Cl. 548-571.000.
Thominet, Michel L.; and Perrot, Jacques J., 4,499,019, Cl. 514-428.000.
Societe d'Exploitation Cooperative de la Manufacture d'Armes et Cycles de St. Etienne (S.C.O.P.D. Manufrance): *See—*
Chauvet, Pierre, 4,551,936, Cl. 42-42.00R.
Societe d'Exploitation des Machines Dubuit: *See—*
Rouly, Eric; and Douville, Jean-Pierre, 4,498,386, Cl. 101-40.000.
Rouly, Eric; Baquet, Philippe; and Dubuit, Jean-Louis, 4,520,726, Cl. 101-123.000.
Societe d'Exploitation des Procedes Marechal: *See—*
Le Magourou, Yves, 4,516,819, Cl. 339-46.000.
Le Magourou, Yves, 4,525,610, Cl. 200-51.130.
Societe d'Exploitation du Laboratoire Abadie: *See—*
Benquey, Jean; and Benquey, Louisa F., 4,551,790, Cl. 362-23.000.
Societe dite: Exsymol S.A.M.: *See—*
Seguin, Marie-Christine; and Gueyne, Jean, 4,549,990, Cl. 260-397.250.
Societe dite: Usines Beyer Freres: *See—*
Poulin, Jean L., 4,514,164, Cl. 425-208.000.
Societe ECA: *See—*
Darche, Michel J. P.; and Carlqvist, Stig, 4,498,297, Cl. 60-525.000.
Lauvray, Georges R. P. L.; and Darche, Michel J. P., 4,533,945, Cl. 358-109.000.
Societe en nom collectif TECHNOS et Compagnie: *See—*
Bizard, Andre , 4,523,634, Cl. 165-95.000.
Societe Europeenne de Propulsion: *See—*
Battarel, Andre P.; and Lequin, Claude G., 4,504,098, Cl. 308-10.000.
Brunet, Maurice, 4,500,142, Cl. 308-10.000.
Buttazzoni, Bernard, 4,544,599, Cl. 428-262.000.
Delle-Vedove, Daniel; Lallemand, Yves; and Hubert, Olivier, 4,537,201, Cl. 128-697.000.
Habermann, Helmut; and Brunet, Maurice, 4,561,313, Cl. 73-862.070.
Heraud, Louis, 4,514,240, Cl. 156-89.000.
Societe Europeenne des Produits Refractaires: *See—*
Blanchet, Pierre; and Recasens, Joseph, 4,497,628, Cl. 432-179.000.
Guigonis, Jacques, 4,506,023, Cl. 501-104.000.
Societe Francaise de l'Electro-Resistance: *See—*
Flassayer, Claude; Le Grives, Bernard; and Simon, Paul R., 4,525,238, Cl. 156-645.000.
Societe Francaise de Services S.A.: *See—*
Beaudoin, Paul; and Maronne, Pierre, 4,558,588, Cl. 73-54.000.
Societe Francaise de Stockage Geologique GEOSTOCK: *See—*
Colin, Pierre, 4,542,626, Cl. 62-45.000.
Societe Francaise des Produits pour Catalyse Pro-Catalyse: *See—*
Bournonville, Jean-Paul; and Dinh, Chan T., 4,548,918, Cl. 502-154.000.
Cosyns, Jean; and Boitiaux, Jean-Paul, 4,547,600, Cl. 585-259.000.
Toulhoat, Herve; Jacquin, Yves; and Dupin, Thierry, 4,499,203, Cl. 502-247.000.
Toulhoat, Herve; Plumail, Jean-Claude; Mercier, Marc; and Jacquin, Yves, 4,537,875, Cl. 502-314.000.
Toulhoat, Herve; Jacquin, Yves; and Dupin, Thierry, 4,552,650, Cl. 208-216.0PP.
Societe Francaise d'Etudes d'Installations Siderurgiques SOFRESID: *See—*
Andrier, Bernard, 4,505,620, Cl. 405-224.000.
Societe Francaise d'Organo-Synthese: *See—*
Proux, Yves; and Perron, Alain, 4,496,691, Cl. 525-73.000.
Societe Francaise d'Orthopodie: *See—*
Aigrefeuille, Charles V. Y., 4,548,563, Cl. 425-2.000.
Societe Francaise Helita: *See—*
Sautereau, Michel; Nicod, Roger; and Langlois, Pierre, 4,540,844, Cl. 174-3.000.
Societe Francaise Hoechst: *See—*
Chastrette, Francine; Bracoud, Corinne; and Chastrette, Maurice, 4,556,718, Cl. 549-449.000.
Christidis, Yani; and Vallejos, Jean-Claude, 4,515,970, Cl. 549-79.000.
Gallois, Philippe; and Christidis, Yani, 4,493,937, Cl. 562-444.000.
Schouteeten, Alain; and Christidis, Yani, 4,504,678, Cl. 562-470.000.
Schouteeten, Alain; and Christidis, Yani, 4,518,800, Cl. 562-459.000.
Societe Generale pour les Techniques Nouvelles S.G.N.: *See—*
Guilloteau, Rene, 4,510,832, Cl. 83-168.000.
Guilloteau, Rene, 4,511,500, Cl. 252-633.000.
Societe Industrielle Bertrand Faure: *See—*
Letournoux, Alain; and Courtois, Bernard, 4,523,786, Cl. 297-367.000.
Societe Industrielle de Liaisons Electriques: *See—*
Delebecque, Robert P., 4,529,266, Cl. 350-96.230.
Missout, Bernard M., 4,548,567, Cl. 425-113.000.
Societe Industrielle de Sonceboz S.A.: *See—*
Antognini, Luciano, 4,556,836, Cl. 318-696.000.
Pfister, Jean-Francois, 4,553,056, Cl. 310-80.000.
Societe Industrielle de Transports Automobiles "SITA" : *See—*
Demenais, Claude, 4,551,055, Cl. 414-293.000.

- Societe internationale de Puiicite et d'Agences commerciales, enabrege: "Sipac": *See—*
  - Petit, Leon; and De La Roche, Serge R., 4,495,080, Cl. 252-179.000.
- Societe J. Brochier & Fils: *See—*
  - Bompard, Bruno P.; and Bruyere, Alain, 4,536,930, Cl. 29-33.00K.
- Societe J. G. Allinquant: *See—*
  - Bich, Rene, 4,527,780, Cl. 267-64.120.
- Societe Labofina S.A.: *See—*
  - Espitalie, Jean; Madec, Marcel; Leplat, Paul; and Paulet, Jacques, 4,519,983, Cl. 422-78.000.
- Societe Laitiere de Veron: *See—*
  - Denisot, Bernard A., 4,523,439, Cl. 62-251.000.
- Societe Lorraine de Laminage Continu SOLLAC: *See—*
  - Druet, Jean-Pierre, 4,501,609, Cl. 75-5.000.
- Societe Lyonnaise des Applications Catalytiques: *See—*
  - Lacroix, Alain, 4,511,326, Cl. 431-53.000.
- Societe Manzoni-Bouchot: *See—*
  - Manzoni, Stephane, 4,512,633, Cl. 350-632.000.
  - Manzoni, Stephane, 4,523,736, Cl. 248-483.000.
  - Manzoni, Stephane, 4,558,840, Cl. 248-549.000.
- Societe Medi 2000 S.A.R.L.: *See—*
  - Pazzini, Norbert, 4,557,471, Cl. 269-325.000.
- Societe Miniere et Metallurgique de Penarroya: *See—*
  - Beutier, Didier; Bruvier, Hugues; and Palvadeau, Claude, 4,548,793, Cl. 423-92.000.
  - Palvadeau, Claude; and Scheidt, Claude, 4,507,182, Cl. 204-35.100.
- Societe National d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.": *See—*
  - Bezard, Jean-Yves L. N.; Brocard, Jean-Marie; and Parisel, Christian A. F., 4,561,470, Cl. 137-625.610.
  - Ruis, Jean-Pierre; and Soligny, Marcel R., 4,543,039, Cl. 415-190.000.
- Societe Nationale de l'Amiante: *See—*
  - Lalancette, Jean M.; Chevalier-Bultel, Jean P.; and Labonte, Normand, 4,519,811, Cl. 51-309.000.
  - Lalancette, Jean-Marc; Cossette, Marcel; and Delvaux, Pierre, 4,495,223, Cl. 427-215.000.
- Societe Nationale des Poudres et Explosifs: *See—*
  - Burgard, Michel; Piteau, Marc D.; Rollat, Alain J.; and Senet, Jean-Pierre G., 4,499,057, Cl. 423-8.000.
  - Chevallier, Sammy, 4,540,770, Cl. 528-248.000.
  - Delarche, Hubert; Brasquies, Alain; and Maures, Michel, 4,546,175, Cl. 536-35.000.
  - Lecolier, Serge L. M. B.; and Raynal, Serge F., 4,535,135, Cl. 526-174.000.
  - Lelu, Andre; Gonthier, Bruno; Grignon, Jean; and Tauzia, Jean-Michel, 4,536,235, Cl. 149-19.400.
  - Leneveu, Louis J. J.; and Treneules, Didier J., 4,519,855, Cl. 149-21.000.
  - Ropars, Marcel; and Bloch, Bertrand, 4,525,573, Cl. 528-232.000.
- Societe Nationale d'Etude et de Construction de Moteurs d'Aviation: *See—*
  - Cattaneo, Christian J.; Derouet, Patrick R. J.; and Laroche, Michel C. F., 4,508,295, Cl. 244-134.00A.
  - d'Agostino, Guy; Dhainaut, Andre; and Maillard, Claude M. J., 4,502,501, Cl. 137-487.000.
  - d'Agostino, Guy; Dhainaut, Andre; and Maillard, Claude M. J., 4,526,087, Cl. 91-61.000.
  - d'Agostino, Guy; Dhainaut, Andre; and Petiteau, Jacques A. A., 4,526,343, Cl. 251-367.000.
  - Debeneix, Pierre, 4,520,974, Cl. 244-54.000.
  - Fillion, Jean-Claude, 4,510,809, Cl. 73-457.000.
  - Forestier, Alexandre, 4,494,909, Cl. 416-190.000.
  - Forestier, Alexandre; Pluquet, Alain A.; Rosa, Roger A.; Tabet, Mansour; and Teysseyre, Pierre M., 4,525,135, Cl. 425-290.000.
  - Forestier, Alexandre; and Joubert, Raymond J. M., 4,527,952, Cl. 416-220.00R.
  - Francois, Yves-Marie M. R.; and Vergnes, Jean-Claude, 4,503,670, Cl. 60-39.281.
  - Girault, Daniel G., 4,502,274, Cl. 60-39.080.
  - Glowacki, Pierre A.; and Mandet, Gerard M. F., 4,522,562, Cl. 416-95.000.
  - Joubert, Raymond J. M., 4,508,270, Cl. 239-265.350.
  - Jourdain, Gerard E. A.; and Soligny, Marcel R., 4,541,567, Cl. 239-265.370.
  - Kebedjis, Georges, 4,502,841, Cl. 416-220.00R.
  - Kervistin, Robert; Lardellier, Alain M. J.; Mazeaud, Georges; and Crozet, Francois E. G., 4,500,143, Cl. 384-467.000.
  - Lesgourgues, Jacques; and Tirole, Jacques P. H., 4,507,051, Cl. 416-97.00R.
  - Levant, Jean M., 4,490,888, Cl. 24-20.00R.
  - Loisy, Jean M.; and Menioux, Claude C. F., 4,519,208, Cl. 60-262.000.
  - Marey, Daniel J., 4,514,141, Cl. 415-160.000.
  - Mouton, Pierre C., 4,512,722, Cl. 417-63.000.
  - Mouton, Pierre C., 4,531,451, Cl. 92-108.000.
  - Vaerman, Jean F., 4,536,654, Cl. 250-458.100.
- Societe Nationale d'Etude et de Construction de Moteurs d'Aviation "S.N.E.C.M.A.": *See—*
  - Bouiller, Jean G.; Delonge, Jean-Claude L.; Rigo, Marcel L. A.; and Zietek, Didier G., 4,516,910, Cl. 416-190.000.
  - Bouiller, Jean G.; and Soligny, Marcel R., 4,521,160, Cl. 416-218.000.
  - Bouiller, Jean G.; and Delonge, Jean-Claude L., 4,522,557, Cl. 415-115.000.
  - Bouiller, Jean G.; Buisson, Marc F. B.; Jourdain, Gerard E. A.; Sandelis, Denis J. M.; and Urruty, Yves R. A., 4,546,606, Cl. 60-262.000.
  - Bouiller, Jean G.; and Soligny, Marcel R., 4,558,564, Cl. 60-39.161.
  - Canivet, Guy M. C., 4,501,117, Cl. 60-235.000.
  - Charbonnel, Jean-Louis, 4,561,867, Cl. 55-202.000.
  - Fraignier, Bernard; and Gery, Daniel E., 4,550,617, Cl. 73-862.040.
  - Jumelle, Louis F.; and Soligny, Marcel R., 4,527,385, Cl. 60-39.070.
- Societe Nationale Elf Aquitaine: *See—*
  - Abou Chakra, Taher; and De Jaeger, Roger, 4,554,113, Cl. 260-927.00N.
  - Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,505,997, Cl. 429-192.000.
  - Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,542,081, Cl. 429-192.000.
  - Armand, Michel B.; and El Kadiri Cherkaoui el Moursli, Fouzia, 4,556,616, Cl. 429-192.000.
  - Basset, Jean M. M.; Leconte, Michel; Ollivier, Jean; and Quignard, Francoise, 4,550,216, Cl. 585-645.000.
  - Bauer, Denise; Komornicki, Jacques; and Tellier, Jacques, 4,555,343, Cl. 210-643.000.
  - Belouet, Christian, 4,520,752, Cl. 118-405.000.
  - Dupin, Thierry; and Voirin, Robert, 4,544,534, Cl. 423-230.000.
  - Fouletier, Mireille; Siebert, Elisabeth; and Le Moigne, Jacques, 4,526,674, Cl. 204-426.000.
  - Gautier, Jean C.; and Kamornicki, Jacques, 4,540,448, Cl. 148-6.15R.
  - Lazarre, Flavien, 4,508,354, Cl. 277-27.000.
  - Meunier, Gilles; and Vio, Lino, 4,532,046, Cl. 210-698.000.
  - Oliveau, Olivier; and Blanc, Claude, 4,519,991, Cl. 423-220.000.
  - Vio, Lino, 4,536,296, Cl. 252-8.50C.
- Societe Nationale Elf Aquitaine (Production): *See—*
  - Arretz, Emmanuel, 4,507,505, Cl. 568-62.000.
  - Cabrit, Philippe; Mourlevat, Jean; and de Saint-Palais, Jacques, 4,497,510, Cl. 285-18.000.
  - Capdeboscq, Andre; and Ferry, Jean-Claude, 4,494,602, Cl. 166-65.00R.
  - Castel, Yvon; and Iato, Michel, 4,501,056, Cl. 29-252.000.
  - Castel, Yvon; and Iato, Michel, 4,541,754, Cl. 405-168.000.
  - Castel, Yvon; and Iato, Michel, 4,541,755, Cl. 405-195.000.
  - Chauvin, Yves; Commereuc, Dominique; Hirschauer, Andre; Reffet, Dominique; and Stern, Robert, 4,533,500, Cl. 260-404.000.
  - Cordier, Bernard; and Berge, Christian, 4,520,665, Cl. 73-155.000.
  - Delourme, Raymond; Detienne, Jean-Louis; Komornicki, Jacques; and Tellier, Jacques, 4,526,696, Cl. 252-61.000.
  - Detienne, Jean-Louis; Levesque, Guy; and Tozzolino, Pierre, 4,521,301, Cl. 209-166.000.
  - Dubreuil, Jean-Pierre; Blazejczak, Jean; and Tramier, Bernard, 4,514,272, Cl. 204-186.000.
  - Favie, Claude; and Mercadier, Michel, 4,535,130, Cl. 525-327.300.
  - Hubert, Miffre, 4,513,816, Cl. 166-75.00R.
  - Maurice, Jacques; Guesnet, Patrice; Tozzolino, Pierre; and Muller, Guy, 4,554,137, Cl. 423-26.000.
  - Morin, Daniel; and Prechner, Roland, 4,549,584, Cl. 141-73.000.
- Societe Nationale Industrielle Aerospatiale: *See—*
  - Aubry, Jacques A., 4,491,342, Cl. 280-700.000.
- Societe Nationale Industrielle et Aerospatiale: *See—*
  - Abiven, Henri; Beheydt, Andre; Clermont, Michel; Delattre, Maurice; and Poubeau, Pierre, 4,502,349, Cl. 74-572.000.
  - Auberon, Marcel; Cabanel, Daniel; Dolbeau, Michel; Phan, Albert; Pillois, Philippe; Bournazel, Claude L.; and Huvey, Michel, 4,549,919, Cl. 156-172.000.
  - Barnoin, Pierre; Mens, Jacques M. N.; and Merle, Gilbert, 4,537,374, Cl. 244-102.00R.
  - Bernard, Louis A., 4,529,152, Cl. 244-116.000.
  - Bokalot, Jean, 4,552,326, Cl. 244-129.500.
  - Brunello, Alain M.; and Catani, Guy G., 4,528,891, Cl. 89-41.210.
  - Cahuzac, Georges J. J., 4,492,096, Cl. 66-11.000.
  - Cahuzac, Georges J. J., 4,555,918, Cl. 66-119.000.
  - Caye, Paul D.; Jamain, Patrice C.; and Weisser, Bernard G., 4,511,190, Cl. 308-10.000.
  - Chaussepied, Jacques E. C., 4,516,686, Cl. 220-85.00R.
  - Coffy, Rene L., 4,532,889, Cl. 118-718.000.
  - Devienne, Jules H. P., 4,512,538, Cl. 244-122.0AF.
  - Duwelz, Alain J., 4,500,057, Cl. 244-161.000.
  - Gaquere, Jean-Pierre, 4,526,067, Cl. 81-55.000.
  - Jardat, Alain; and Andre, Joel, 4,501,182, Cl. 83-177.000.
  - Jourdan, Jean-Marie; Betelle, Jean; and Bougon, Philippe M. M., 4,551,632, Cl. 307-9.000.
  - Jumel, Jean-Pierre, 4,555,967, Cl. 83-106.000.
  - Larribe, Andre P., 4,549,864, Cl. 425-145.000.
  - Laures, Pierre, 4,543,603, Cl. 358-109.000.
  - Mens, Jacques M. N.; Barnoin, Pierre; and Martin, Michel J. L., 4,558,837, Cl. 244-108.000.
  - Mouille, Rene L., 4,504,193, Cl. 416-140.000.
  - Mouille, Rene L.; and Leman, Jean-Luc M., 4,556,365, Cl. 416-134.00A.
  - Paseri, Jacques, 4,533,100, Cl. 244-158.00R.
  - Raynaud, Jacques; Darmois, Jean; Jolivet, Pierre; and Guillot, Jean, 4,531,693, Cl. 244-52.000.
  - Rinn, Christian; and Vezain, Gerard, 4,491,289, Cl. 244-158.00R.
  - Rinn, Christian; Marello, Georges; and Vezain, Gerard, 4,529,154, Cl. 244-158.00R.
  - Rodiere, Charles; and Crochet, Michel, 4,502,009, Cl. 324-337.000.
  - Rousseau, Gerard, 4,508,762, Cl. 427-228.000.

- Societe Normande de Recherches et de Participation: *See—*
  - Prevel, Pierre, 4,492,585, Cl. 8-493.000.
- Societe Nouvelle Auxim (Societe Anonyme): *See—*
  - Seguenot, Gabriel, 4,511,150, Cl. 277-12.000.
- Societe Nouvelle des Etablissements Dervaux: *See—*
  - Saint-Prix, Robert; and Montmartin, Henri, 4,511,280, Cl. 403-274.000.
- Societe Nouvelle Mecanique et Automobile: *See—*
  - Rogier, Leonce, 4,540,073, Cl. 192-4.00A.
- Societe Nouvelle Rockall France S.A.: *See—*
  - Porcher, Alain, 4,535,557, Cl. 40-300.000.
- Societe Nouvelle Terseram-Megras: *See—*
  - Verdenne, Jean, 4,530,281, Cl. 101-104.000.
- Societe Nouvelle Transfix: *See—*
  - Beisser, Jean-Claude, 4,542,362, Cl. 336-60.000.
- Societe Paris-Rhone: *See—*
  - Mazzorana, Alfred B., 4,553,442, Cl. 74-7.00A.
- Societe Parisienne d'Impression et de Cartonnage: *See—*
  - Chazal, Guy A.; and Bodet, Jean A., 4,533,065, Cl. 220-462.000.
  - Chazal, Guy A.; and Bodet, Jean A., 4,555,381, Cl. 264-516.000.
- Societe pour l'Étude et la Fabrication de Circuits Integres Speciaux E.F.C.I.S.: *See—*
  - Bertails, Jean C., 4,524,425, Cl. 364-825.000.
  - Brice, Jean-Michel, 4,512,029, Cl. 377-33.000.
  - Brice, Jean-Michel; and Maillart, Patrick, 4,541,073, Cl. 365-156.000.
  - Gris, Yvon; and Monroy, Agustin, 4,561,932, Cl. 156-643.000.
  - Sokoloff, Boris, 4,513,265, Cl. 333-214.000.
  - Sokoloff, Boris, 4,559,498, Cl. 328-127.000.
- Societe S.O.M.A.V.I.: *See—*
  - Pera, Jean; and Pera, Didier, 4,498,382, Cl. 100-117.000.
- Societe Scome-France: *See—*
  - Baranoff-Rossine, Dimitri, 4,495,526, Cl. 360-15.000.
- Societe Spart: *See—*
  - Chiotasso, Pierre; and Dostes, Jacques, 4,492,183, Cl. 119-51.130.
- Societe Staubli-Verdol: *See—*
  - Bastion, Patrick; Lhuillier, Francois; and Mutschler, Ulrich, 4,532,963, Cl. 139-59.000.
  - Magat, Henri; and Mouterde, Pierre, 4,529,011, Cl. 139-65.000.
- Societe Suisse pour l'Industrie Horlogere Management Services: *See—*
  - Gygax, Claude-Andre , 4,523,856, Cl. 368-72.000.
- Socimi, S.p.A.: *See—*
  - Cigognini, Silvio, 4,508,200, Cl. 188-264.00P.
- Soclof, Sidney I., to Rockwell International Corporation. Small area high value resistor with greatly reduced parasitic capacitance. 4,497,685, 2-5-85, Cl. 156-647.000.
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- Soclof, Sidney I., to Rockwell International Corporation. Method for producing PNP type lateral transistor separated from substrate by O.D.E. for minimal interference therefrom. 4,522,682, 6-11-85, Cl. 156-647.000.
- Socol, Michael. Fetal pulmonary maturity test. 4,547,464, 10-15-85, Cl. 436-2.000.
- Soda Aromatic Company, Limited: *See—*
  - Matsumoto, Yuuichi; Kawasaki, Kiyomitsu; and Ishitani, Masato, 4,492,644, Cl. 252-522.00A.
  - Matsumoto, Yuuichi, 4,511,496, Cl. 252-522.00A.
- Soda, Hiroshi: *See—*
  - Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.
- Soda, Kenji: *See—*
  - Ohshima, Toshihisa; and Soda, Kenji, 4,546,077, Cl. 435-26.000.
- Soda, Takashi: *See—*
  - Fukuda, Tomeichiro; Soda, Takashi; Furukawa, Ikuo; Hayashi, Takushi; Kumata, Fujio; and Nagano, Susumu, 4,548,777, Cl. 264-107.000.
- Soda, Yutaka: *See—*
  - Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.
  - Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, 4,524,401, Cl. 360-113.000.
- Sodal, Ingvar E.: *See—*
  - Bowman, Ronald R.; and Sodal, Ingvar E., 4,560,871, Cl. 250-288.000.
- Sodastream Limited: *See—*
  - Harris, Derek W., 4,518,541, Cl. 261-27.000.
  - Mabb, Kenneth G., 4,514,994, Cl. 62-389.000.
- Sodeco-Saia AG: *See—*
  - Gerber, Hermann; and Schmutz, Michel, 4,532,444, Cl. 310-41.000.
  - Jauch, Karl, 4,504,084, Cl. 283-94.000.
  - Portmann, Albert, 4,499,346, Cl. 200-67.00D.
  - Portmann, Albert, 4,544,815, Cl. 200-50.00C.
- Sodecom SA: *See—*
  - Dossekker, Bruno, 4,517,875, Cl. 84-383.00R.
- Soden, Laurence M.; and West, John B. Building structure. 4,536,996, 8-27-85, Cl. 52-67.000.
- Soder, Alfons: *See—*
  - Hinze, Heinz-Joachim; Soder, Alfons; and Popendiker, Kurt, 4,515,795, Cl. 514-263.000.
- Soder, Sven-Harry, to Harry Soder & Son Stenhuggeri AB. Device for supporting workpieces in different positions. 4,531,720, 7-30-85, Cl. 269-71.000.
- Soderberg, Jan: *See—*
  - Edgren, Anders; Soderberg, Jan; and Bergstrom, Bengt, 4,513,106, Cl. 521-58.000.
- Soderberg, John H.; Eckert, Alton B.; and McFiggans, Robert B., to Pitney Bowes Inc. Electronic postage meter having plural computing systems. 4,498,187, 2-5-85, Cl. 375-117.000.
- Soderberg, John H.; and Duwel, Edward C., to Pitney Bowes Inc. Postage meter with keyboard keys used for changing operating constants. 4,509,141, 4-2-85, Cl. 364-900.000.
- Soderberg, John H.; Eckert, Alton B.; and McFiggans, Robert B., to Pitney Bowes Inc. Electronic postage meter having plural computing system. 4,525,785, 6-25-85, Cl. 364-464.000.
- Soderberg, John H.; and Duwel, Edward C., to Pitney Bowes Inc. Customizing the firmware after assembly of an electronic postage meter. 4,528,644, 7-9-85, Cl. 364-900.000.
- Soderberg, John H.: *See—*
  - Crowley, Raymond R.; and Soderberg, John H., 4,525,786, Cl. 364-466.000.
  - Duwel, Edward C.; and Soderberg, John H., 4,506,329, Cl. 364-464.000.
  - Duwel, Edward C.; and Soderberg, John H., 4,535,421, Cl. 364-900.000.
  - Eckert, Alton B.; Soderberg, John H.; and Duwel, Edward C., 4,535,407, Cl. 364-464.000.
- Soderberg, Nils-Erik: *See—*
  - Brannstrom, Roine; and Soderberg, Nils-Erik, 4,552,529, Cl. 432-58.000.
- Soderberg, Paul B., to Soderberg Research & Development, Inc. Oil-well pump system and method. 4,540,348, 9-10-85, Cl. 417-383.000.
- Soderberg Research & Development, Inc.: *See—*
  - Soderberg, Paul B., 4,540,348, Cl. 417-383.000.
- Sodergard, Bengt: *See—*
  - Anden, Bengt; Ramstrom, Bengt; and Sodergard, Bengt, 4,503,942, Cl. 187-95.000.
- Sodergren, Jan H.; and Hales, James W., to Combustion Engineering, Inc. Mechanical tube plub. 4,513,786, 4-30-85, Cl. 138-89.000.
- Soderholm, Arne, to S.E.G. Resistor AB. Belt weighing device with individually adjustable reels. 4,557,341, 12-10-85, Cl. 177-16.000.
- Soderholm, Nils: *See—*
  - Salminen, Kari; and Soderholm, Nils, 4,496,429, Cl. 162-358.000.
- Soderkvist, Anton, to LKB-Produkter AB. Method in a microtome for creating the possibility that the slit between the knife edge and the specimen can be made extremely narrow. 4,532,838, 8-6-85, Cl. 83-13.000.
- Soderstrom, Sigvard V., to Aktiebolaget Electrolux. Activating apparatus in a liquid conveying system operated by vacuum, preferably a so-called vacuum sewage system. 4,511,117, 4-16-85, Cl. 251-73.000.
- Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., to Farmos Group Ltd. Alkane and alkene derivatives and their use. 4,556,677, 12-3-85, Cl. 514-651.000.
- Sodeyama, Chuichi: *See—*
  - Noda, Masaki; Shinkawa, Keiro; and Sodeyama, Chuichi, 4,491,809, Cl. 333-35.000.
- Sodeyama, Osamu: *See—*
  - Takago, Toshio; Sodeyama, Osamu; and Terashima, Masami, 4,497,943, Cl. 528-22.000.
- Sodic Societe Anonyme: *See—*
  - Klaschka, John T., 4,535,706, Cl. 110-245.000.
- Sodich, Ernest O.: *See—*
  - Wood, Edward T.; and Sodich, Ernest O., 4,527,625, Cl. 166-187.000.
- Sodini, Giancarlo: *See—*
  - Canella, Marco; Marghinotti, Daniele; Bernardi, Adriano; and Sodini, Giancarlo, 4,551,335, Cl. 426-44.000.
- Soederhuyzen, Eduard. Fluid distribution system. 4,513,767, 4-30-85, Cl. 137-119.000.
- Soederhuyzen, Eduard. Connecting pipe part of a resilient material. 4,547,005, 10-15-85, Cl. 285-58.000.
- Soeiinah, Edy, to Mobil Oil Corporation. Measuring torque and hook load during drilling. 4,549,431, 10-29-85, Cl. 73-151.000.
- Soejima, Shigeo: *See—*
  - Mase, Syunzo; and Soejima, Shigeo, 4,505,783, Cl. 204-1.00T.
  - Mase, Syunzo; and Soejima, Shigeo, 4,505,790, Cl. 204-130.000.
  - Mase, Syunzo; and Soejima, Shigeo, 4,505,802, Cl. 204-425.000.
  - Mase, Syunzo; and Soejima, Shigeo, 4,505,803, Cl. 204-425.000.
  - Mase, Syunzo; and Soejima, Shigeo, 4,505,804, Cl. 204-425.000.
  - Mase, Syunzo; and Soejima, Shigeo, 4,505,805, Cl. 204-425.000.
  - Mase, Syunzo; and Soejima, Shigeo, 4,507,394, Cl. 501-94.000.
  - Mase, Syunzo; and Soejima, Shigeo, 4,541,898, Cl. 204-1.00T.
  - Mase, Syunzo; and Soejima, Shigeo, 4,541,899, Cl. 204-1.00T.
  - Mase, Syunzo; and Soejima, Shigeo, 4,541,900, Cl. 204-1.00T.
  - Mase, Syunzo; and Soejima, Shigeo, 4,559,126, Cl. 204-425.000.
- Soejima, Tetsuo: *See—*
  - Murano, Kazuo; Soejima, Tetsuo; and Amemiya, Shigeo, 4,562,573, Cl. 370-85.000.
- Soejima, Tomohide: *See—*
  - Torizuka, Hideki; Soejima, Tomohide; and Hori, Shigekazu, 4,547,750, Cl. 331-99.000.
- Soelberg, Kenneth B.: *See—*
  - Stark, Marvin M.; Soelberg, Kenneth B.; and Pelzner, Roger B., 4,522,594, Cl. 433-141.000.

- Soennichsen, Rolf. Splicing apparatus for cross-flute corrugated board. 4,498,949, 2-12-85, Cl. 156-462.000.
- Soeno, Ko: *See—*
  - Onuki, Jin; Soeno, Ko; Morita, Keiichi; and Onodera, Hisakithi, 4,500,904, Cl. 357-67.000.
  - Tsuchiya, Masatoshi; Soeno, Ko; and Yoshida, Tomomasa, 4,499,774, Cl. 73-727.000.
- Soerens, Dave A., to Kimberly-Clark Corporation. Creping adhesives containing polyvinyl alcohol and cationic polyamide resins. 4,501,640, 2-26-85, Cl. 162-111.000.
- Soerensen, Gunnar; and Svendsen, Leo G., to A/S Neselco. Powder for use in dry sensitization for electroless plating. 4,495,216, 1-22-85, Cl. 427-25.000.
- Soeta, Muneo: *See—*
  - Takabayashi, Katsuyuki; Soeta, Muneo; and Nagasawa, Takeshi, 4,529,709, Cl. 436-111.000.
- Soeters, Raymond A., Jr., to Eaton Corporation. Supercharger carry-back pulsation damping means. 4,556,373, 12-3-85, Cl. 418-75.000.
- Sofec, Inc.: *See—*
  - Pedersen, Kristen I., 4,516,942, Cl. 441-5.000.
  - Pedersen, Kristen I., 4,530,302, Cl. 114-230.000.
- Sofen, Nancy M.: *See—*
  - Bartels-Keith, James R.; Boggs, Roger A.; Puttick, Anthony J.; and Sofen, Nancy M., 4,503,139, Cl. 430-219.000.
- Sofia, Santo J.: *See—*
  - Swank, Harry R.; Doggett, Fred F.; Huyler, Lee E.; and Sofia, Santo J., 4,544,955, Cl. 358-246.000.
- Sofianek, Joseph C.: *See—*
  - Crouch, Donald W.; and Sofianek, Joseph C., 4,492,837, Cl. 200-144.00B.
- Sofiltra Poelman: *See—*
  - Develle, Guy; and Martin, Gerard, 4,514,198, Cl. 55-337.000.
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  - Nakagawa, Shinichi; Ihara, Kiyohiko; and Sogabe, Toshio, 4,513,129, Cl. 526-249.000.
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  - Farnham, William B.; and Sogah, Dotsevi Y., 4,524,196, Cl. 526-190.000.
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  - Okahata, Yoshio; and Seki, Tokahiro, 4,548,955, Cl. 521-53.000.
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  - Mark, Seymour, 4,511,365, Cl. 44-51'.000.
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  - Strangfeld, Reiner, 4,557,000, Cl. 4-324.000.
- Sohne, Eric R.: *See—*
  - Costello, Samuel J.; and Sohne, Eric R., 4,509,255, Cl. 29-753.000.
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  - Bauer, Fritz; Bauer, Hans-Peter; and Bauer, Hans J., 4,527,925, Cl. 403-143.000.
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- Sohrt, Christian, to Siemens Aktiengesellschaft. Double-axle drive for electric self-propelled railway vehicle. 4,510,395, 4-9-85, Cl. 290-3.000.
- Sohyer, Jean-Pierre, to Essilor International (Compagnie Generale d'Optique). Eyeglass frame front with flexible ties. 4,527,871, 7-9-85, Cl. 351-106.000.
- Soika, Emil H., to Baxter Travenol Laboratories, Inc. Cannula support assembly and its method of manufacture. 4,496,352, 1-29-85, Cl. 604-263.000.
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  - Fortune, Douglas N.; and Ireland, Barry R., 4,538,625, Cl. 130-27.0JT.
- Soisson, Lawrence R.: *See—*
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  - Trager, Ulrich; Sojka, Bernward; and Lange, Hans, 4,492,754, Cl. 435-28.000.
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  - Kim, Yong-Wu; Coduti, Phillip L.; Sok, Brian A.; and Carter, William A., 4,500,561, Cl. 427-25.000.
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- Sokei, Hiroichi, to Hitachi, Ltd. Color television camera. 4,562,459, 12-31-85, Cl. 358-27.000.
- Sokira, Thomas J., to Anton/Bauer, Inc. Battery charging apparatus and method. 4,554,500, 11-19-85, Cl. 320-31.000.
- Sokol, David G., to Dickey-john Corporation. Modular vehicular monitoring system. 4,551,801, 11-5-85, Cl. 364-424.000.
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- Sokoloff, Roger L.; and Reno, John M., to Seragan Diagnostics Inc. Method for reducing non-specific interferences in agglutination immunoassays. 4,536,478, 8-20-85, Cl. 436-533.000.
- Sokolov, Alexei V.: *See—*
  - Kuznetsov, Oleg L.; Maxutov, Rafkhat A.; Malchenok, Vladimir O.; Mordukhaev, Khanuko M.; Ostrovsky, Anatoly P.; Rubtsov, Adolf E.; Simkin, Ernst M.; and Sokolov, Alexei V., 4,558,737, Cl. 166-60.000.
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Balinski, Ryszard; and Sokulski, Marek, 4,513,658, Cl. 99-485.000.
Sokulsky, Marvin N.: *See—*
Murphy, Richard D.; and Sokulsky, Marvin N., 4,519,626, Cl. 280-661.000.
Sol-Chem, Inc.: *See—*
Cutlip, Larry D., 4,551,987, Cl. 62-324.500.
Sola, Domenico: *See—*
Minucciani, Giorgio; and Sola, Domenico, 4,534,006, Cl. 364-513.000.
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Roscrow, Harold N.; Ewer, Ronald W.; and Squires, Philip H., 4,522,768, Cl. 264-2.200.
Solaja, Nikola. Grading and smoothing attachment for a loader bucket. 4,521,980, 6-11-85, Cl. 37-117.500.
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Behnke, Horst; Michaud, Horst; Seeholzer, Joseph; and Solansky, Svatoplug, 4,551,166, Cl. 71-30.000.
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Fyfe, Donald W.; and Hoyt, Franklin S., 4,527,618, Cl. 165-18.000.
Wurst, William C.; and Fyfe, Donald W., 4,494,526, Cl. 126-419.000.
Solar, Mladen. Method and apparatus for assisting human heart function. 4,546,759, 10-15-85, Cl. 128-1.00D.
Solar Power Laboratories, Ltd.: *See—*
Moravnik, Zvi, 4,550,712, Cl. 126-439.000.
Solar, Ronald J.: *See—*
Samson, Wilfred J.; and Solar, Ronald J., 4,554,929, Cl. 128-772.000.
Solar Turbines Incorporated: *See—*
Grosjean, William C., 4,537,024, Cl. 60-39.161.
Ogborne, Graham E.; and Hill, Frederick J., 4,506,503, Cl. 60-39.281.
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Francis, Robert W.; Napoli, Joseph D.; and Tsien, Hsue C., 4,542,258, Cl. 136-256.000.
Leas, James M., 4,511,600, Cl. 427-75.000.
Lindmayer, Joseph, 4,492,812, Cl. 136-256.000.
Mabie, Curtis P., Jr.; Busby, Robert L.; and Cliber, James A., 4,548,381, Cl. 249-114.00R.
Whitehouse, Daniel L., 4,496,398, Cl. 106-181.000.
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Moretti, Enrico; Zamboni, Valentino; Le Van Mao, Raymond; Padovan, Mario; and Solari, Marcello, 4,525,466, Cl. 502-63.000.
Solaroli, Sergio, to Finike Italiana Marposs S.p.A. Gauge for checking the clearance existing between the cams of a camshaft and the relevant valves. 4,521,863, 6-4-85, Cl. 364-561.000.
Solavolt International: *See—*
Ackerman, Charles B., 4,560,244, Cl. 350-486.000.
Bailey, William L.; and Kaszeta, William J., 4,544,876, Cl. 323-282.000.
Sarma, Kalluri R.; and Chanley, Charles S., 4,542,004, Cl. 423-342.000.
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Solc, Jitka, to Dow Chemical Company, The. Method of bonding magnetic particles to a resin particle. 4,532,153, 7-30-85, Cl. 427-131.000.
Solco Basel AG: *See—*
Fraefel, Wolfgang; and Tschannen, Roland, 4,544,552, Cl. 514-23.000.
Soldanski, Heinz-Dieter; and Holdt, Bernd-Dieter, to Henkel Kommanditgesellschaft auf Aktien. Liquid leather care compositions. 4,554,083, 11-19-85, Cl. 252-8.570.
Soldati, Gianfranco: *See—*
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Soldavini, Teodoro. Grass cutting apparatus. 4,512,144, 4-23-85, Cl. 56-202.000.
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Soled, Stuart L.; and Fiato, Rocco A., to Exxon Research & Engineering Co. Process for preparing high surface area iron/cobalt Fischer-Tropsch slurry catalysts. 4,518,707, 5-21-85, Cl. 502-174.000.
Soled, Stuart L.; Wold, Aaron; and Kershaw, Robert, to Exxon Research & Engineering Co. Reduction process for forming powdered alloys from mixed metal iron oxides. 4,525,206, 6-25-85, Cl. 75-0.5BA.
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Soled, Stuart L.: *See—*
Fiato, Rocco A.; Soled, Stuart L.; and Montagna, Angelo A., 4,537,867, Cl. 502-74.000.
Fiato, Rocco A.; and Soled, Stuart L., 4,544,672, Cl. 518-700.000.
Fiato, Rocco A.; Soled, Stuart L.; and Montagna, Angelo A., 4,544,674, Cl. 518-717.000.
Soleille, Louis: *See—*
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Bollinger, Karl, 4,519,475, Cl. 182-17.000.
Gouvenot, Daniel, 4,514,228, Cl. 106-98.000.
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Watanabe, Morio; and Nishimura, Sanji, 4,497,655, Cl. 75-34.000.
Solex (U.K.) Limited: *See—*
Pagdin, Brian C., 4,530,334, Cl. 123-494.000.
Pagdin, Brian C., 4,531,679, Cl. 239-585.000.
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Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., 4,513,728, Cl. 123-527.000.
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Solheim, Karsten. Golf club head. 4,527,799, 7-9-85, Cl. 273-164.000.
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Hoffman, Philip A., 4,531,083, Cl. 320-9.000.
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McCarty, George W.; and Smith, Somers H., III, 4,527,110, Cl. 320-2.000.
McCarty, George W.; Rebold, Jerome I.; and Smith, Somers H., III, 4,536,694, Cl. 320-2.000.
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Greene, Richard M., 4,518,879, Cl. 307-530.000.
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Conner, Jesse R., 4,518,508, Cl. 210-751.000.
Solie, Leland P., to Sperry Corporation. Three wave surface acoustic wave (SAW) signal processor. 4,556,949, 12-3-85, Cl. 364-821.000.
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Bouiller, Jean G.; and Soligny, Marcel R., 4,521,160, Cl. 416-218.000.
Bouiller, Jean G.; and Soligny, Marcel R., 4,558,564, Cl. 60-39.161.
Jourdain, Gerard E. A.; and Soligny, Marcel R., 4,541,567, Cl. 239-265.370.
Jumelle, Louis F.; and Soligny, Marcel R., 4,527,385, Cl. 60-39.070.
Ruis, Jean-Pierre; and Soligny, Marcel R., 4,543,039, Cl. 415-190.000.
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Koeppen, Peter L.; Rogers, Gerald; Brown, Sammy K.; and Solimeno, Duane, 4,491,907, Cl. 364-200.000.
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Diba, Keyvan T., 4,498,822, Cl. 410-2.000.
Solis, Charles R.: *See—*
Mittal, Faquir C.; and Solis, Charles R., 4,551,787, Cl. 361-387.000.
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Gazzarrini, Vinicio, 4,516,513, Cl. 112-262.200.
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Koch, Eckhard; Vogg, Gunter; and Soller, Jochen, 4,557,648, Cl. 410-78.000.
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Sollich, Helmut, 4,548,158, Cl. 118-24.000.
Sollich, Helmut. Tunnel for refrigerating, heating, or drying products of the foodstuffs and especially the confectionery industry. 4,532,857, 8-6-85, Cl. 99-483.000.
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- Sollott, Gilbert P.; and Gilbert, Everett E., to United States of America, Army. 1,4,6,9-Tetranitrodiamantane. 4,535,193, 8-13-85, Cl. 568-941.000.
- Solloway, Daniel S. Hand engageable aquatic exercise assembly. 4,521,011, 6-4-85, Cl. 272-116.000.
- Solloway, James H. Non-collapsible carrying kit. 4,538,727, 9-3-85, Cl. 206-223.000.
- Solmat Systems Ltd.: *See—*
  - Assaf, Gad; and Doron, Benjamin, 4,498,300, Cl. 60-641.800.
  - Assaf, Gad, 4,541,244, Cl. 60-641.800.
  - Assaf, Gad, 4,553,529, Cl. 126-415.000.
- Solmecs Corporation: *See—*
  - Smith, Ian K., 4,557,112, Cl. 60-651.000.
- Solna Offset AB: *See—*
  - Carlen, Bo R. J.; and Arwidsson, Sven A., 4,502,385, Cl. 101-218.000.
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- Solo, Alan J. Credit card provided with coded security means. 4,562,342, 12-31-85, Cl. 235-380.000.
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  - Clements, Jack D., 4,548,348, Cl. 229-1.50H.
- Soloco, Inc.: *See—*
  - Hebert, Francis A., 4,549,682, Cl. 227-119.000.
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  - Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.
  - Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M., 4,499,364, Cl. 219-161.000.
- Soloman, Leonard. Security attachment for electrical plug. 4,494,809, 1-22-85, Cl. 339-75.00P.
- Solomon, Arieh, to Damar Holdings B.V. Metering and dispensing unit. 4,557,404, 12-10-85, Cl. 222-325.000.
- Solomon, C. Ashley: *See—*
  - Cascone, Ronald F.; and Solomon, C. Ashley, 4,524,581, Cl. 60-39.020.
- Solomon, David H.; Ross, John B.; Girolamo, Mario; and Brett, Robert A. Banknotes and the like. 4,536,016, 8-20-85, Cl. 283-111.000.
- Solomon, Dennis R., to CQR Security Systems Limited. Audio-visual alarm device with translucent cover. 4,518,946, 5-21-85, Cl. 340-326.000.
- Solomon, Donald D.; McGary, Charles W.; and Pascarella, Vincent J., to Warner-Lambert Company. Covalent bonded antithrombogenic polyurethane material. 4,521,564, 6-4-85, Cl. 525-54.100.
- Solomon, Donald F., to Wetco, Inc. Purified water storage system. 4,552,656, 11-12-85, Cl. 210-137.000.
- Solomon, Frank, to Diamond Shamrock Chemicals Company. Three layer laminated matrix electrode. 4,500,647, 2-19-85, Cl. 502-101.000.
- Solomon, Frank; and Grun, Charles, to Eltech Systems Corporation. Three layer laminate. 4,518,705, 5-21-85, Cl. 502-101.000.
- Solomon, Jack, to Esselte Pendaflex Corporation. Expandable portable file. 4,505,388, 3-19-85, Cl. 206-425.000.
- Solomon, Joseph M.; and Varker, Kenneth J., to International Business Machines Corporation. System for repairing electrical short circuits between parallel printed circuits. 4,544,439, 10-1-85, Cl. 156-626.000.
- Solomon, Robert A., to Am Fab, Inc. Locking mechanism for vertically adjustable table. 4,492,170, 1-8-85, Cl. 108-148.000.
- Solomon, Stephen R.: *See—*
  - Del Tufo, Mark J.; Lake, Ralph J., Jr.; and Solomon, Stephen R., 4,498,802, Cl. 403-300.000.
  - Lake, Ralph J., Jr.; Steckowich, John, Jr.; and Solomon, Stephen R., 4,544,301, Cl. 403-300.000.
- Soloviev, Sergei L.: *See—*
  - Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.
- Solow, Joseph E., to Wolo Manufacturing Corporation. Automobile security device for steering column ignition locks. 4,494,391, 1-22-85, Cl. 70-428.000.
- Solow, Joseph E., to Wolo Manufacturing Corporation. Automobile security device for steering column ignition locks. 4,505,140, 3-19-85, Cl. 70-424.000.
- Soloway, Richard; and Capalvo, Enzo. Trap for flying insects. 4,493,161, 1-15-85, Cl. 43-107.000.
- Soloway, Samuel B.: *See—*
  - Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., 4,542,244, Cl. 568-825.000.
  - Payne, George B.; Soloway, Samuel B.; Powell, James E.; Roman, Steven A.; and Kollmeyer, Willy D., 4,554,366, Cl. 549-463.000.
- Soloy Conversions, Ltd.: *See—*
  - Soloy, Joe I., 4,531,694, Cl. 244-54.000.
- Soloy, Joe I., to Soloy Conversions, Ltd. Turbine engine drive and mounting assembly for fixed wing aircraft. 4,531,694, 7-30-85, Cl. 244-54.000.
- Solt, Clarence R., Jr., to McDonnell Douglas Corporation. Transducer multiplexer. 4,558,426, 12-10-85, Cl. 364-580.000.
- Solt, Paul E.: *See—*
  - DiBuo, Louis J.; Solt, Paul E.; and Souders, Marvyn L., 4,525,106, Cl. 406-60.000.
- Soltau, John P. Fuel flow measuring system for an internal combustion engine powered vehicle. 4,539,965, 9-10-85, Cl. 123-514.000.
- Soltesz, Uwe: *See—*
  - Scheicher, Hans; Siegele, Dieter; and Soltesz, Uwe, 4,525,145, Cl. 433-173.000.
- Soltrac, Inc.: *See—*
  - Jean, Benoit; Bergevin, Benoit; and Rheault, Fernand, 4,556,368, Cl. 417-208.000.
- Soltus, Michael; and Reese, James G., Jr., to RCA Corporation. Method for loading electron tubes in packages. 4,559,762, 12-24-85, Cl. 53-441.000.
- Solund, Jorgen, to ITS-Intern Transport System A/S. Junction diverter for a transport system. 4,555,010, 11-26-85, Cl. 198-361.000.
- Solvang, Egil S. Device on a valve for shutting off and/or controlling a flow of liquid. 4,493,337, 1-15-85, Cl. 137-449.000.
- Solvay & Cie: *See—*
  - Dumoulin, Joseph, 4,524,194, Cl. 526-84.000.
  - Dumoulin, Joseph; and De Berraly, Jean-Marie, 4,544,684, Cl. 523-136.000.
  - Lecloux, Andre; and Legrand, Franz, 4,542,245, Cl. 568-842.000.
  - Nicolas, Edgard; and Merckaert, Louis, 4,534,837, Cl. 204-129.000.
  - Nicolas, Edgard; and Merckaert, Louis, 4,555,317, Cl. 204-129.000.
  - Obsomer, Marc, 4,499,045, Cl. 264-532.000.
- Solvent Extractors Inc.: *See—*
  - Gramse, Jack A.; and Pierce, Jon C., 4,543,182, Cl. 210-95.000.
- Solver, Carl E.: *See—*
  - Collin, Thorbjorn; Erikmats, Borje; Forsberg, Svante; Goransson, Harry; Sander, Lars; and Solver, Carl E., 4,532,499, Cl. 340-644.000.
- Solvi, Marc: *See—*
  - Burton, Clement; Kremer, Andre; Stomp, Hubert; and Solvi, Marc, 4,492,342, Cl. 241-67.000.
- Solvik, R. Sven: *See—*
  - Carrick, Wayne L.; Solvik, R. Sven; and Kirch, William, 4,558,105, Cl. 526-68.000.
- Solymossy, Bela: *See—*
  - Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Solymossy, Bela, 4,498,391, Cl. 102-312.000.
- Solyntjes, Alan J.: *See—*
  - Nepper, Robert F.; and Solyntjes, Alan J., 4,494,860, Cl. 355-13.000.
  - Nepper, Robert F.; Solyntjes, Alan J.; and Abrahamson, Carl W., 4,523,836, Cl. 355-16.000.
- Soma, Kazunori; and Kasahara, Yasushi, to Fujizoki Pharmaceutical Co., Ltd. Anti immune complex antibody for determining SLE, rheumatoid arthritis or tetanus. 4,544,640, 10-1-85, Cl. 436-506.000.
- Soma, Masafumi; and Kohno, Yoshihiko, to Iwasaki Tsushinki Kabushiki Kaisha. Time interval measuring system. 4,523,289, 6-11-85, Cl. 364-569.000.
- Soma, Takao; and Matsui, Minoru, to NGK Insulators, Ltd. Ceramic testing method. 4,559,824, 12-24-85, Cl. 73-432.00R.
- Soma Traders Ltd.: *See—*
  - Law, Nin Y., 4,545,776, Cl. 446-443.000.
- Someno, Tetsuya; Kato, Kazuo; Saino, Tetsushi; Ishii, Shinichi; Takeuchi, Tomio; and Umezawa, Hamao, to Nippon Kayaku Kabushiki Kaisha. Water-insoluble biospecific absorbent containing argininal derivative. 4,525,465, 6-25-85, Cl. 502-7.000.
- Somerfield, Kenneth T.: *See—*
  - Atkinson, Alan W.; Hurst, David R.; and Somerfield, Kenneth T., 4,530,949, Cl. 523-512.000.
- Somerikko, Aarni: *See—*
  - Peltonen, Eero; Somerikko, Aarni; and Viitanen, Timo, 4,498,338, Cl. 73-432.00R.
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- Somers, Petrus A. A. M.: *See—*
  - Van Bochove, Gijsbertus F. J.; and Somers, Petrus A. A. M., 4,494,410, Cl. 73-644.000.
- Somers, Robert I., to Black & Decker Inc. Chuck key. 4,534,573, 8-13-85, Cl. 279-1.00K.
- Somerset Technologies, Inc.: *See—*
  - Aaron, Charles, 4,538,516, Cl. 101-219.000.
  - Pitigliano, Frank J.; and McGill, Paul E., 4,548,569, Cl. 425-133.100.
- Somerset Welding & Steel, Inc.: *See—*
  - Walker, Harold E., Jr., 4,542,931, Cl. 296-100.000.
- Somerville Belkin Industries Limited: *See—*
  - Zimmermann, John, 4,512,511, Cl. 229-15.000.
- Somerville, William M., to Northern Engineering Industries plc. Electrical generator control system. 4,511,807, 4-16-85, Cl. 290-44.000.

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- Vaughn, Herchel A.; and Someshwar, Ashok H., 4,519,033, Cl. 364-200.000.

Somet Societa' Meccanica Tessile S.p.A.: *See—*
- Viscardi, Ettore, 4,537,228, Cl. 139-453.000.

Someya, Hiromi; Aihara, Yoshihiko; Mizogui, Toyokazu; and Suzuki, Nobuyuki, to Canon Kabushiki Kaisha. Camera. 4,525,054, 6-25-85, Cl. 354-443.000.

Someya, Hiromi; Suzuki, Nobuyuki; and Mizogui, Toyokazu, to Canon Kabushiki Kaisha. Exposure control mode selection device for camera. 4,536,074, 8-20-85, Cl. 354-442.000.

Someya, Hiromi: *See—*
- Konishi, Yuichiro; Tsunekawa, Tokuichi; and Someya, Hiromi, 4,534,639, Cl. 354-432.000.

Someya, Nobuo. Composition for promotion of health. 4,540,584, 9-10-85, Cl. 424-156.000.

Someya, Riyouichi: *See—*
- Hoshino, Michio; and Someya, Riyouichi, 4,494,029, Cl. 310-239.000.

Someya, Yoshihiro. Line marking device. 4,551,922, 11-12-85, Cl. 33-414.000.

Somezawa, Masashi: *See—*
- Kimura, Shigeo; Somezawa, Masashi; Hinoto, Yuji; and Yoshioka, Hiroshi, 4,501,801, Cl. 428-447.000.
- Miyai, Seiichi; Nakajima, Kaoru; and Somezawa, Masashi, 4,503,198, Cl. 525-440.000.
- Ninomiya, Yoshinobu; Somezawa, Masashi; and Hashimoto, Akira, 4,521,486, Cl. 428-407.000.
- Takei, Yutaka; and Somezawa, Masashi, 4,508,752, Cl. 427-48.000.

Somfai, Eva: *See—*
- Huhn, Magda; Szabo, Gabor; Dvortsak, Peter; Karpati, Marianna; and Somfai, Eva, 4,508,658, Cl. 260-465.00D.

Somfy: *See—*
- Dussoliet, Jacques; and Dieupart, Michel, 4,519,554, Cl. 242-67.400.
- Florin, Guy, 4,519,487, Cl. 192-36.000.
- Jacquel, Dominique, 4,499,463, Cl. 340-825.520.

Somhegyi, Ivan: *See—*
- Hilgraf, Peter; and Somhegyi, Ivan, 4,529,337, Cl. 406-163.000.

Sominin, Mikhail A.; Surikov, Valery N.; Belokopytov, Jury A.; and Fesenko, Evgeny P. Method and automatic control apparatus for controlling a technological process. 4,545,008, 10-1-85, Cl. 364-148.000.

Somiver s.r.l.: *See—*
- Branca, Virgilio, 4,518,342, Cl. 425-435.000.

Somlo, Tibor; and Regli, Johann, to Ciba-Geigy AG. Process for purifying crude monochloro- and monobromoanthraquinone. 4,507,240, 3-26-85, Cl. 260-384.000.

Somlo, Tibor; and Regli, Johann, to Ciba-Geigy AG. Process for the preparation of bromoanthraquinones. 4,543,214, 9-24-85, Cl. 260-384.000.

Sommer, Alan C.: *See—*
- Kaya, Azmi; and Sommer, Alan C., 4,507,930, Cl. 62-129.000.

Sommer, August; Brucker, Rainer; Heitmann, Wilhelm; and Wozny, Norbert, to Chemische Werke Huels AG. Distillation process for the production of dehydrated ethanol. 4,541,897, 9-17-85, Cl. 203-19.000.

Sommer Co.: *See—*
- Sommer, Gordon M., 4,494,635, Cl. 192-12.00C.
- Sommer, Gordon M., 4,496,032, Cl. 188-180.000.
- Sommer, Gordon M., 4,506,772, Cl. 192-18.00A.
- Sommer, Gordon M., 4,527,681, Cl. 192-52.000.
- Sommer, Gordon M., 4,552,255, Cl. 192-18.00A.

Sommer, Edward J., Jr.; Kenny, Garry R.; and Roos, Charles E., to Magnetic Separation Systems, Inc. Rotary fuel homogenizer and use thereof. 4,533,054, 8-6-85, Cl. 209-687.000.

Sommer, Edward J., Jr.: *See—*
- Kenny, Garry R.; Sommer, Edward J., Jr.; and Roos, Charles E., 4,533,053, Cl. 209-636.000.
- Kenny, Garry R.; Sommer, Edward J., Jr.; and Shepard, Mark E., 4,541,530, Cl. 209-571.000.

Sommer, Friedhelm: *See—*
- Renner, Gunter; Wolff, Erich; Sommer, Friedhelm; Stark, Herbert; Stieler, Dieter; and Meier, Egon, 4,529,691, Cl. 430-556.000.

Sommer, Gerald, to International Shoe Machine Corporation. Device for toe and ball lasting of a shoe unit. 4,530,124, 7-23-85, Cl. 12-12.400.

Sommer, Gordon M., to Petroleum Recovery Systems, Inc. Oil well pump drive. 4,493,613, 1-15-85, Cl. 417-15.000.

Sommer, Gordon M., to Sommer Co. Inching drive for clutch/brake unit. 4,494,635, 1-22-85, Cl. 192-12.00C.

Sommer, Gordon M., to Sommer Co. Brake unit. 4,496,032, 1-29-85, Cl. 188-180.000.

Sommer, Gordon M., to Sommer Co. Modular accessories for clutch/-brake unit. 4,506,772, 3-26-85, Cl. 192-18.00A.

Sommer, Gordon M., to Sommer Co. Variable speed drive unit with graduated increasing and decreasing speed profile. 4,527,681, 7-9-85, Cl. 192-52.000.

Sommer, Gordon M., to Sommer Co. Multiple speed drive. 4,552,255, 11-12-85, Cl. 192-18.00A.

Sommer, Herbert; and Wohlfeil, Gerhard, to Jagenberg AG. Device for clamping and tensioning an elastic doctor blade. 4,553,498, 11-19-85, Cl. 118-126.000.

Sommer, Herbert; and Wohlfeil, Gerhard, to Jagenberg AG. Device for coating a continuous web. 4,558,658, 12-17-85, Cl. 118-411.000.

Sommer, Horst; and Gronle, Hansgeorg, to Elring Dichtungswerke GmbH. Reinforced support sheet and method for making same. 4,520,068, 5-28-85, Cl. 428-324.000.

Sommer, Karl; and Armbrecht, Norbert, to Hoechst Aktiengesellschaft. Water-soluble trisazo dyestuffs on the basis of a combination of naphthalene-, diphenylamine- and pyrazolone derivatives. 4,492,653, 1-8-85, Cl. 534-796.000.

Sommer, Karl; and Schickfluss, Rudolf, to Hoechst Aktiengesellschaft. Single-vessel process for preparing ring-substituted n-alkylanilines. 4,540,816, 9-10-85, Cl. 564-218.000.

Sommer, Karl H.; Sonntag, Alois; and Pikorz, Wolfgang, to Licentia Patent-Verwaltungs-GmbH. Thyristor having n^+- main and auxiliary emitters and a p^+ ring forming a p^+n^+ junction with the main emitter. 4,500,901, 2-19-85, Cl. 357-38.000.

Sommer, Peter, to Sommer, Schenk AG. Method and apparatus for cleaning a water tank. 4,518,437, 5-21-85, Cl. 134-18.000.

Sommer, Reinhold. Tennis racket frame. 4,550,909, 11-5-85, Cl. 273-73.00G.

Sommer, Robert: *See—*
- Ronco, Kenneth J.; Sommer, Robert; Nigel, Ken; Grimes, Donald; Zirbes, James A.; and Stacey, Robert E., 4,518,077, Cl. 198-731.000.

Sommer, Ronald G.; and Greenquist, Alfred C., to Miles Laboratories, Inc. Device and method for the quantitative determination of heparin in mammalian blood plasma. 4,543,335, 9-24-85, Cl. 436-69.000.

Sommer, Ronald G., to Miles Laboratories, Inc. Analytical element and method for preventing reagent migration. 4,562,148, 12-31-85, Cl. 435-7.000.

Sommer, Rudiger: *See—*
- Pointner, Martin; and Sommer, Rudiger, 4,540,151, Cl. 249-93.000.

Sommer, Schenk AG: *See—*
- Sommer, Peter, 4,518,437, Cl. 134-18.000.

Sommer, Werner, to T+F Kunststuffe fur Tecknik und Freizeit GmbH. Aqueous plastic molding compositions based on ceramic raw materials containing air-drying and sinterable additives. 4,521,361, 6-4-85, Cl. 264-126.000.

Sommercorn, Richard K.; and Quinton, Wayne E., to Quinton Instrument Company. Double lumen catheter tip. 4,543,087, 9-24-85, Cl. 604-43.000.

Sommerhoff, Gerd W. C., to Possum Controls Limited. Apparatus for forming moon characters for the visually handicapped. 4,559,706, 12-24-85, Cl. 33-23.00R.

Sommers, Hans; and Jannemann, Theo, to Ruhrgas Aktiengesellschaft. Heating system incorporating an absorption-type heat pump and methods for the operation thereof. 4,501,127, 2-26-85, Cl. 62-238.300.

Sommers, Hans; and Hanselmann, Dieter, to Ruhrgas Aktiengesellschaft. Cooking station for gas ranges. 4,541,407, 9-17-85, Cl. 126-39.00E.

Sommers, Hans: *See—*
- Altemark, Detlef; Sommers, Hans; and Weid, Manfred, 4,530,656, Cl. 431-8.000.
- Lorenz, Werner; Bathke, Heinz; and Sommers, Hans, 4,509,913, Cl. 431-90.000.

Sommers, Walter M.: *See—*
- Logan, Emanual L., Jr.; Sommers, Walter M.; and Walsh, J. William, 4,540,208, Cl. 292-341.190.

Sommerville, John A.: *See—*
- Coffee, Ronald A.; Bennett, Peter C.; Houghton, Leonard E.; Johnson, Graham C.; Sommerville, John A.; Boyce, Peter H.; and Currall, William J. P., 4,553,702, Cl. 239-690.000.

Somoano, Robert B.: *See—*
- Yen, Shiao-Ping S.; Carter, Boyd J.; Shen, David H.; and Somoano, Robert B., 4,550,064, Cl. 429-94.000.

Somodi, Gyula: *See—*
- Dozsa, Laszlo ; Pelencei, Jeno; and Somodi, Gyula, 4,548,460, Cl. 339-107.000.

Somorai, Tamas: *See—*
- Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.

Somorjai, Gabor A.; and Leygraf, Christofer H., to University of California, The Regents of the. Electrolytic photodissociation of chemical compounds by iron oxide photochemical diodes. 4,533,608, 8-6-85, Cl. 429-111.000.

Somorjai, Gabor A.: *See—*
- Colmenares, Carlos A.; Somorjai, Gabor A.; and Maj, Joseph J., 4,532,230, Cl. 502-344.000.

Son, Adelina J.; and Loftin, Royal E., to Halliburton Company. Method of preventing loss of an oil-base drilling fluid during the drilling of an oil or gas well into a subterranean formation. 4,525,285, 6-25-85, Cl. 252-8.50M.

Son, Adelina J.; Neal, Vernon S.; and Garvey, Christopher M., to Halliburton Company; and TXP Operating Co. Shale and salt stabilizing drilling fluid. 4,526,693, 7-2-85, Cl. 252-8.50B.

Son, Adelina J.; and Kuzlik, Mark S., to Halliburton Company. Corrosion inhibitor for heavy brines. 4,539,122, 9-3-85, Cl. 252-8.55R.

Son, Adelina J.: *See—*
- Loftin, Royal E.; and Son, Adelina J., 4,536,297, Cl. 252-8.50C.

Son, Pyong N.: *See—*
- Lai, John T.; and Son, Pyong N., 4,547,538, Cl. 524-100.000.

Son Su Kung: *See—*
- Hsie, C. H., 4,521,529, Cl. 502-217.000.

Son, Tae W.: *See—*
- Yoon, Han S.; and Son, Tae W., 4,511,623, Cl. 428-359.000.

Sona-Tool Development Ltd.: *See—*
- Kompanek, Harry W.; Ligman, James R.; and Plambeck, Eric D., 4,512,402, Cl. 166-249.000.

Sonat Offshore Drilling Inc.: *See—*
- Pease, Floyd T.; and Shelton, Joseph T., 4,509,448, Cl. 114-293.000.

Sonder, Richard: *See—*
  Miller, Robert E.; Russo, Joseph L.; Sonder, Richard; and Soni, Abraham H., 4,494,259, Cl. 5-66.000.
Sonderegger, Conrad; Sonderegger, Hans C.; and Boltshauser, Werner, to Kistler Instrumente A.G. Piezoelectric element for incorporation in pressure, force or acceleration transducers. 4,503,351, 3-5-85, Cl. 310-329.000.
Sonderegger, Hans C.: *See—*
  Sonderegger, Conrad; Sonderegger, Hans C.; and Boltshauser, Werner, 4,503,351, Cl. 310-329.000.
Sonderegger, Hans-Conrad; and Lutz, Eugen, to Kistler Instrumente A.G. High pressure transducer. 4,519,254, 5-28-85, Cl. 73-726.000.
Sonderegger, Henry R.; and Chatterley, Charles, to ITT Corporation. Butterfly valve, especially for dead-end service. 4,552,332, 11-12-85, Cl. 251-148.000.
Sondermann, Thomas: *See—*
  Dorr, Wolfgang; Gradel, Gerhard; Peehs, Martin; Schafer, Reinhard; and Sondermann, Thomas, 4,512,939, Cl. 264-0.500.
Sondhaus, Charles A., to Sondhaus, Charles A. Method of and device for irradiating animals. 4,521,690, 6-4-85, Cl. 250-455.100.
Sone, Isamu: *See—*
  Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.
Sone, Junichi, to Nippon Electric Co., Ltd. Pulse generation circuit using at least one Josephson junction device. 4,506,166, 3-19-85, Cl. 307-277.000.
Sone, Junichi, to Nippon Electric Co., Ltd. Circuit utilizing Josephson effect. 4,538,077, 8-27-85, Cl. 307-476.000.
Sone, Kohki: *See—*
  Kitahara, Tsuyoshi; Sone, Kohki; and Uchida, Masaaki, 4,494,374, Cl. 60-276.000.
  Okamura, Kenji; Nagaishi, Hatsuo; Kitahara, Tsuyoshi; Sone, Kohki; and Nakamura, Koyo, 4,507,986, Cl. 74-866.000.
Sone, Masazumi; Imai, Iwao; and Nagae, Hiromitsu, to Nissan Motor Company, Limited; and Hitachi, Ltd. Method of making radio frequency interference suppressing ignition distributor rotor. 4,516,319, 5-14-85, Cl. 29-877.000.
Sone, Masazumi: *See—*
  Endo, Hiroshi; Sone, Masazumi; Imai, Iwao; and Kasuya, Hideo, 4,495,421, Cl. 250-551.000.
  Ishikawa, Yasuki; Endo, Hiroshi; Sone, Masazumi; and Imai, Iwao, 4,510,915, Cl. 123-620.000.
  Ishikawa, Yasuki; Sone, Masazumi; and Kawai, Akio, 4,558,685, Cl. 123-620.000.
Sone, Takanori: *See—*
  Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide, 4,510,307, Cl. 544-283.000.
  Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, 4,525,589, Cl. 544-128.000.
  Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke, 4,560,755, Cl. 544-363.000.
  Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, 4,533,731, Cl. 544-140.000.
  Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori, 4,549,023, Cl. 546-199.000.
Sone, Toshinao: *See—*
  Tokita, Kiyoshi; Sone, Toshinao; and Nakamura, Michio, 4,535,907, Cl. 220-2.10A.
Sone, Yoshiaki: *See—*
  Ohkubo, Yoshio; Sone, Yoshiaki; Hashimoto, Susumu; Ishikawa, Kiyotsugu; Omae, Masanori; and Hiramoto, Masao, 4,551,757, Cl. 358-212.000.
Soneda, Mitsuo; and Maekawa, Toshikazu, to Sony Corporation. Solid state image pickup apparatus. 4,533,954, 8-6-85, Cl. 358-212.000.
Soneda, Mitsuo; Maekawa, Toshikazu; and Otsu, Kouji, to Sony Corporation. Shift register circuit with multiple, tapped outputs having pull-down transistors. 4,538,288, 8-27-85, Cl. 377-76.000.
Sonehara, Tomio; Murata, Masami; and Ota, Tadashi, to Kabushiki Kaisha Suwa Seikosha. Driving circuit for liquid crystal electro-optical device. 4,560,982, 12-24-85, Cl. 340-784.000.
Sonerud, John T. Pipelaying appliance. 4,515,522, 5-7-85, Cl. 414-747.000.
Soneta, Eietsu; and Urata, Tetsukazu, to Toyo Sanso Co., Ltd. Method of and apparatus for burning exhaust gases containing gaseous silane. 4,555,389, 11-26-85, Cl. 423-210.000.
Sonetaka, Kazunori; Nishino, Atsushi; and Suzuki, Tadashi, to Yatsushita Electric Industrial Company, Limited. Liquid fuel combustion apparatus. 4,518,347, 5-21-85, Cl. 431-325.000.
Sonetaka, Kazunori: *See—*
  Nishino, Atsushi; Kimura, Kunio; Sonetaka, Kazunori; and Iketani, Yukiyoshi, 4,519,807, Cl. 44-15.00R.
Song, Ho K. Adjustable handheld round sandwich holder. 4,494,785, 1-22-85, Cl. 294-1.00R.
Song, Sung T. Foldable vehicle cover storable on the vehicle. 4,519,644, 5-28-85, Cl. 296-136.000.
Song, W. R.: *See—*
  Johnston, John E.; Bloch, Ricardo; Ver Strate, Gary W.; and Song, W. R., 4,507,515, Cl. 585-12.000.
Soni, Abraham H.: *See—*
  Miller, Robert E.; Russo, Joseph L.; Sonder, Richard; and Soni, Abraham H., 4,494,259, Cl. 5-66.000.
Sonics Research Corporation: *See—*
  Colomb, Denis G., 4,511,928, Cl. 358-280.000.
Sonne, Leonard J., to HealthScan Inc. Pulmonary training method. 4,533,137, 8-6-85, Cl. 272-99.000.
Sonneborn, Hans H.; Schwulera, Udo; and Schleussner, Hans, to Biotest-Serum-Institut GmbH. Separation of interleukin-2 from phytohemagglutinin by dye matrix chromatography. 4,508,833, 4-2-85, Cl. 436-543.000.
Sonneborn, Lamburtus J., to Applied Power Inc. Single cylinder tilt-cab anti-torsion apparatus. 4,493,386, 1-15-85, Cl. 180-89.150.
Sonneborn, Lamburtus J., to Applied Power Inc. Seal for a rotary hydraulic valve. 4,545,408, 10-8-85, Cl. 137-625.460.
Sonneborn, Siegfried; Handel, Manfred; and Mack, Ernst, to Rasmussen Holding A/S. Flashing frame for the installation of adjacent roof windows. 4,543,753, 10-1-85, Cl. 52-15.000.
Sonnenberg, Bert. Cucumber harvester. 4,553,381, 11-19-85, Cl. 56-327.00R.
Sonnenberg, Gary N.: *See—*
  Borgmeyer, Virgil L.; Galloway, Dudley L.; Sonnenberg, Gary N.; Gruczka, Jan S.; and Owen, Timothy C., 4,533,786, Cl. 174-50.000.
Sonnenberg, Joseph, to Raychem Corporation. Flame retardants and compositions containing them. 4,535,170, 8-13-85, Cl. 548-462.000.
Sonnenberg, Sven: *See—*
  Hall, Richard W.; Sonnenberg, Sven; and Mahal, Harbhajan S., 4,555,220, Cl. 417-342.000.
Sonnenschein, Hans: *See—*
  Riemann, Hanns-Helmut; Sonnenschein, Hans; and Skaletz, Heinz, 4,509,697, Cl. 241-72.000.
Sonneville International Corporation: *See—*
  Sonneville, Roger P., 4,494,695, Cl. 238-265.000.
Sonneville, Roger P., to Sonneville International Corporation. Device for affixing a rail to a concrete support. 4,494,695, 1-22-85, Cl. 238-265.000.
Sonns, Eugen: *See—*
  Huckler, Volker; Sonns, Eugen; Schafer, Helmut; and Nobis, Dieter, 4,549,637, Cl. 192-3.630.
Sonntag, Alois: *See—*
  Sommer, Karl H.; Sonntag, Alois; and Pikorz, Wolfgang, 4,500,901, Cl. 357-38.000.
Sonntag, Patrick. Baling machine. 4,542,617, 9-24-85, Cl. 56-341.000.
Sono-Tek Corporation: *See—*
  Berger, Harvey L.; Ericson, A. Earle; and Levine, Carl, 4,541,564, Cl. 239-102.000.
Sonobe, Akihiro: *See—*
  Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, 4,533,232, Cl. 355-3.00R.
Sonobe, Hisao: *See—*
  Okada, Sadayuki; Sonobe, Hisao; and Mino, Tomoaki, 4,502,286, Cl. 62-119.000.
Sonobe, Toshimitsu, to Thomas & Betts Corporation. Jumper wire material. 4,556,266, 12-3-85, Cl. 339-29.00R.
Sonobe, Yougi, to Anritsu Electric Company Limited. Circuit for controlling the rotation angle of a motor. 4,549,125, 10-22-85, Cl. 318-663.000.
Sonobond Ultrasonics, Inc.: *See—*
  Irwin, Charles; Devine, Janet; and Kramer, Richard, 4,501,285, Cl. 134-58.00R.
Sonoco Products Company: *See—*
  Collins, Thomas D., 4,492,332, Cl. 229-15.000.
  Pilon, Terry C., 4,529,090, Cl. 206-554.000.
Sonoda, Hiroyoshi: *See—*
  Kurushima, Tadanori; Hidaka, Hideo; and Sonoda, Hiroyoshi, 4,505,101, Cl. 57-301.000.
Sonoda, Michiaki: *See—*
  Higashiguchi, Toshiaki; and Sonoda, Michiaki, 4,551,767, Cl. 358-257.000.
Sonoda, Nobuo: *See—*
  Hotta, Shu; Hosaka, Tomiharu; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,501,686, Cl. 252-500.000.
  Nishida, Mitsuhiro; Yamamoto, Sakuei; Sonoda, Nobuo; Okahashi, Kazuo; and Takagi, Shoji, 4,546,130, Cl. 523-459.000.
  Soga, Mamoru; Yubakami, Keiichi; Sonoda, Nobuc; and Shimotsuma, Wataru, 4,519,931, Cl. 252-62.510.
  Yamamoto, Sakuei; Nishida, Mitsuhiro; Tashiro, Noboru; and Sonoda, Nobuo, 4,496,866, Cl. 310-87.000.
Sonoda, Sakae; Nagae, Yoshio; and Kano, Seishi, to Parker Chemical Company. Process for the cold forming of iron and steel. 4,517,029, 5-14-85, Cl. 148-6.15Z.
Sonoda, Takenori: *See—*
  Tanaka, Masato; and Sonoda, Takenori, 4,520,407, Cl. 360-32.000.
Sonoda, Yoshiteru: *See—*
  Sekoguchi, Kotohiko; and Sonoda, Yoshiteru, 4,537,078, Cl. 73-744.000.
Sonoscan, Inc.: *See—*
  Kessler, Lawrence W.; and Yuhas, Donald E., 4,518,992, Cl. 358-112.000.
Sonoyama, Seiji: *See—*
  Fujiwara, Yukio; Sonoyama, Seiji; and Imataki, Mitsumasa, 4,507,701, Cl. 361-127.000.
Sonoyama, Takayasu; Yagi, Shigeo; and Kageyama, Bunji, to Shionogi & Co., Ltd. Fermentative or enzymatic production of 2-keto-L-gulonic acid. 4,543,331, 9-24-85, Cl. 435-138.000.
Sontheimer, Carl G. Method and apparatus for recording and retrieving video information in two modes on a single laser recording disc. 4,558,375, 12-10-85, Cl. 358-342.000.

Sonu, Gene H.; and Schneider, Richard C., to International Business Machines Corporation. Automatic amplitude equalizer based upon monitoring of channel power loss. 4,531,165, 7-23-85, Cl. 360-65.000.
Sonval S.A.: *See—*
  Wyser, Paul-Julian, 4,520,085, Cl. 429-174.000.
Sony Corporation: *See—*
  Abe, Fumiyoshi, 4,528,603, Cl. 360-70.000.
  Akagiri, Kenzo; and Katakura, Masayuki, 4,521,738, Cl. 330-134.000.
  Akutagawa, Tooru; and Machida, Yukihiko, 4,559,501, Cl. 330-293.000.
  Amano, Katutoshi; and Kakuta, Toshio, 4,509,811, Cl. 339-17.00F.
  Amano, Katutoshi; and Kakuta, Toshio, 4,547,964, Cl. 29-883.000.
  Amano, Toshio, 4,519,002, Cl. 358-335.000.
  Amano, Toshio; and Kozakai, Daisuke, 4,559,561, Cl. 358-192.100.
  Amano, Yoshifumi, 4,516,053, Cl. 313-584.000.
  Amano, Yoshifumi, 4,562,434, Cl. 340-775.000.
  Asaida, Takashi, 4,520,386, Cl. 358-13.000.
  Asami, Shojiro; Ozawa, Kazuo; and Sawa, Tetsuo, 4,510,546, Cl. 360-133.000.
  Asami, Shojiro; and Sumihiro, Hiroshi, 4,546,397, Cl. 360-99.000.
  Asano, Hisashi, 4,528,653, Cl. 369-41.000.
  Burns, William, 4,528,800, Cl. 53-492.000.
  Chiba, Tomosuke; Kato, Hiroshi; and Suganuma, Takashi, 4,543,510, Cl. 313-477.00R.
  Collins, Mark C.; and Ive, John G. S., 4,558,377, Cl. 360-10.100.
  Creed, David M.; and Ive, John G. S., 4,549,298, Cl. 371-40.000.
  Eguchi, Yasuhito; and Kariya, Izumi, 4,492,482, Cl. 400-120.000.
  Fujiie, Kazuhiko, 4,491,882, Cl. 360-53.000.
  Fujiie, Kazuhiko; and Nonaka, Chiaki, 4,497,047, Cl. 369-45.000.
  Fujiie, Kazuhiko, 4,539,667, Cl. 369-50.000.
  Fujimura, Yasushi; Okada, Takashi; Tanaka, Yutaka; and Ikeda, Yasunari, 4,509,071, Cl. 358-11.000.
  Fujimura, Yasushi; Okada, Takashi; and Yamagiwa, Kazuo, 4,533,949, Cl. 358-122.000.
  Fukasawa, Hideki, 4,518,925, Cl. 330-51.000.
  Fukuda, Joji; and Yamashiki, Yutaka, 4,497,021, Cl. 364-200.000.
  Fukuda, Shinichi; and Odaka, Kentaro, 4,523,237, Cl. 360-8.000.
  Furuya, Tsuneo; and Fukami, Tadashi, 4,532,629, Cl. 371-38.000.
  Furuya, Tsuneo; and Hori, Katsuya, 4,541,093, Cl. 371-40.000.
  Gohda, Seiichi; and Ishiguro, Mamoru, 4,499,509, Cl. 360-72.100.
  Guerrero, Manuel A., 4,511,937, Cl. 360-72.100.
  Guisinger, Barrett E., 4,510,459, Cl. 330-265.000.
  Guisinger, Barrett E., 4,521,818, Cl. 360-65.000.
  Guisinger, Barrett E., 4,561,028, Cl. 360-77.000.
  Hamada, Osamu, 4,511,966, Cl. 364-200.000.
  Hanajima, Mitsuru; Yamamoto, Yoshinori; and Matsumoto, Yasushi, 4,503,471, Cl. 360-69.000.
  Hara, Takeo; and Ito, Seiji, 4,506,857, Cl. 248-655.000.
  Hashimoto, Shunichi; and Ohno, Katsutoshi, 4,495,085, Cl. 252-301.40F.
  Hashimoto, Yoshitaka; and Eguchi, Takeo, 4,549,227, Cl. 358-328.000.
  Hayafuji, Yoshinori; Sawada, Akashi; Usui, Setsuo; and Shibata, Akikazu, 4,549,913, Cl. 148-33.000.
  Hayafuji, Yoshinori, 4,559,102, Cl. 156-605.000.
  Hayashi, Tsuneyuki, 4,507,637, Cl. 336-65.000.
  Hayashi, Yoshio; Aoyagi, Kouji; Sakurai, Toshio; Kashima, Tusnehiro; and Higeta, Koichi, 4,509,138, Cl. 364-900.000.
  Henmi, Fumiaki; and Aoki, Yoshio, 4,547,872, Cl. 369-45.000.
  Higashihara, Teruaki; Nonaka, Chiaki; Yoshida, Tadao; and Kawachi, Hideo, 4,519,057, Cl. 369-50.000.
  Higashihara, Teruaki; Yoshida, Tadao; Kawachi, Hideo; and Nonaka, Chiaki, 4,530,073, Cl. 369-50.000.
  Higashihara, Teruaki, 4,539,671, Cl. 369-213.000.
  Hirai, Jun; and Kaneko, Masayasu, 4,513,311, Cl. 358-40.000.
  Honda, Shigemichi; Hitachi, Akio; Suzuki, Kiyosuke; and Dochi, Kiyotaka, 4,498,090, Cl. 346-159.000.
  Honda, Sigemichi, 4,558,329, Cl. 346-76.0PH.
  Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,497,529, Cl. 339-75.00M.
  Hoshino, Mitsuo; Fukushima, Osamu; and Kakuta, Toshio, 4,501,465, Cl. 339-176.0MP.
  Hosoya, Mitsuru; Tsuchiya, Takao; and Toyoda, Naokuni, 4,559,558, Cl. 358-162.000.
  Ida, Mitsuru, 4,491,287, Cl. 242-200.000.
  Ida, Mitsuru, 4,511,941, Cl. 360-105.000.
  Ida, Mitsuru, 4,542,431, Cl. 360-137.000.
  Iga, Akira; Odaka, Kentaro; and Yasuda, Nobuyuki, 4,491,943, Cl. 370-13.000.
  Igarashi, Kimizo; Takigawa, Katsumi; Muchi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio, 4,526,601, Cl. 65-59.100.
  Ikeda, Yasunari, 4,521,802, Cl. 358-11.000.
  Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.
  Immink, Kornelis A.; Nijboer, Jakob G.; Ogawa, Hiroshi; and Odaka, Kentaro, 4,501,000, Cl. 375-25.000.
  Inoue, Norikatsu, 4,496,927, Cl. 336-208.000.
  Ishiguro, Mamoru; Matsuyama, Atsuo; and Yamamura, Kazumasa, 4,507,691, Cl. 360-14.300.
  Ishiguro, Mamoru; and Enomoto, Mitsutaka, 4,528,600, Cl. 360-14.100.
  Ishihara, Mitsugu, 4,542,424, Cl. 360-73.000.
  Ishikawa, Fumio, 4,540,902, Cl. 307-352.000.
  Ishikawa, Nobuyuki, 4,544,897, Cl. 331-116.00R.
  Isogai, Mitsuhiro, 4,536,772, Cl. 346-76.0PH.
  Ito, Kengo, 4,496,646, Cl. 430-271.000.
  Iwase, Seiichiro; and Komori, Shinichi, 4,538,172, Cl. 358-13.000.
  Iwase, Seiichiro; Asaida, Takashi; and Nagumo, Fumio, 4,547,796, Cl. 358-13.000.
  Kamai, Toshimitsu, 4,527,203, Cl. 360-19.100.
  Kariya, Izumi; and Eguchi, Yasuhito, 4,540,991, Cl. 346-76.0PH.
  Katakura, Masayuki; and Tenma, Takumi, 4,498,053, Cl. 330-261.000.
  Katakura, Masayuki, 4,516,081, Cl. 330-254.000.
  Katakura, Masayuki, 4,547,741, Cl. 330-149.000.
  Katsube, Kazuaki; and Kuwabara, Masami, 4,530,557, Cl. 339-75.00M.
  Katsuyama, Akira, 4,541,022, Cl. 360-72.200.
  Kimura, Shigeo; Somezawa, Masashi; Hinoto, Yuji; and Yoshioka, Hiroshi, 4,501,801, Cl. 428-447.000.
  Kimura, Shuichi; and Katsuyama, Akira, 4,495,608, Cl. 369-33.000.
  Kimura, Shuichi; and Katsuyama, Akira, 4,512,003, Cl. 369-45.000.
  Kishi, Yoshio, 4,535,434, Cl. 369-111.000.
  Kishimura, Masaaki; and Arakawa, Nobuyuki, 4,510,279, Cl. 524-144.000.
  Kobayashi, Naotake; Abe, Tetsuya; and Fujiwara, Yoshio, 4,522,881, Cl. 428-336.000.
  Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.
  Kono, Takashi; Minegishi, Akira; and Kamai, Toshimitsu, 4,492,986, Cl. 358-330.000.
  Kozakai, Daisuke; Amano, Toshio; and Nagai, Kunio, 4,527,204, Cl. 360-33.100.
  Kubota, Isao; Kobayashi, Kunio; and Miyao, Toshimi, 4,506,000, Cl. 430-39.000.
  Kubota, Shigeo, 4,501,493, Cl. 356-123.000.
  Kume, Hisao; and Sanma, Takahide, 4,495,437, Cl. 313-403.000.
  Machida, Yukihiko; Nakano, Kenji; and Takahashi, Takao, 4,551,771, Cl. 360-19.100.
  Maeyama, Sadao; Dochi, Kiyotaka; and Honda, Shigemichi, 4,496,955, Cl. 346-76.0PH.
  Majima, Osamu, 4,505,975, Cl. 428-336.000.
  Majima, Osamu; and Honda, Shigemichi, 4,547,392, Cl. 427-40.000.
  Maruichi, Takanori; and Hagita, Shoji, 4,559,567, Cl. 360-10.300.
  Matsumoto, Hiroyuki; and Kato, Toshio, 4,504,848, Cl. 357-24.000.
  Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.
  Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.
  Menezes, William A.; and Kuper, Douglas D., 4,532,502, Cl. 340-717.000.
  Mita, Michio; and Takayama, Jun, 4,503,470, Cl. 360-33.100.
  Miyai, Seiichi; Nakajima, Kaoru; and Somezawa, Masashi, 4,503,198, Cl. 525-440.000.
  Miyashita, Takao; and Sato, Toshio, 4,533,969, Cl. 360-132.000.
  Miyata, Katsuro; Asaida, Takashi; and Nagumo, Fumio, 4,516,172, Cl. 358-228.000.
  Miyata, Toshihiko; and Shibata, Takashi, 4,534,057, Cl. 381-58.000.
  Miyazaki, Takahiro, 4,539,266, Cl. 428-695.000.
  Mori, Toshio, 4,500,397, Cl. 204-181.00T.
  Mori, Yoshifumi; and Matsuda, Osamu, 4,503,539, Cl. 372-45.000.
  Mori, Yoshihisa; Kobayashi, Hachisiro; and Takashima, Mitsuru, 4,493,071, Cl. 369-146.000.
  Mori, Yoshihisa; and Takashima, Mitsuru, 4,547,874, Cl. 369-139.000.
  Morio, Minoru; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,542,419, Cl. 360-19.100.
  Morioka, Yoshihiro; and Sugimoto, Hiroyuki, 4,546,291, Cl. 315-382.000.
  Murakami, Yoshikazu; and Yamada, Hiromi, 4,547,754, Cl. 333-219.000.
  Nagumo, Fumio, 4,506,294, Cl. 358-50.000.
  Nagumo, Fumio; and Asaida, Takashi, 4,527,191, Cl. 358-30.000.
  Nagumo, Fumio, 4,558,366, Cl. 358-213.000.
  Nakajima, Kaoru; and Miyai, Seiichi, 4,520,079, Cl. 428-694.000.
  Nakajima, Kaoru, 4,556,611, Cl. 428-694.000.
  Nakamura, Masato; and Takemoto, Sohei, 4,549,224, Cl. 358-310.000.
  Nakamura, Takashi; and Morioka, Yoshihiro, 4,503,366, Cl. 315-370.000.
  Nakamura, Takashi; Yamaji, Kazunori; and Kihara, Taku, 4,503,456, Cl. 358-51.000.
  Nakamura, Takashi; and Yamaji, Kazunori, 4,553,073, Cl. 315-370.000.
  Nakamura, Toshiteru, 4,549,173, Cl. 340-726.000.
  Nakane, Yasuaki; Akamatsu, Junichi; Sakamoto, Susumu; and Kiyomiya, Tadashi, 4,525,412, Cl. 428-199.000.
  Nakano, Kenji, 4,509,083, Cl. 360-77.000.
  Nakano, Kenji; Takahashi, Takao; Moriwaki, Hisayoshi; and Shimada, Keiichiro, 4,533,963, Cl. 360-19.100.
  Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,549,229, Cl. 360-8.000.
  Nakazato, Kunio; and Ozawa, Kazuya, 4,533,218, Cl. 350-430.000.
  Nanjo, Yusuke, 4,537,476, Cl. 350-461.000.
  Narabu, Tadakuni, 4,542,301, Cl. 307-269.000.
  Narabu, Tadakuni; and Nakashio, Miaki, 4,558,341, Cl. 357-24.000.
  Narita, Takato, 4,551,749, Cl. 358-28.000.

Nemoto, Tsuneo; and Sugawara, Kokichi, 4,524,926, Cl. 242-198.000.
Ninomiya, Yoshinobu; Somezawa, Masashi; and Hashimoto, Akira, 4,521,486, Cl. 428-407.000.
Ninomiya, Yoshinobu; and Hashimoto, Akira, 4,529,661, Cl. 428-425.900.
Nitta, Yoshiro, 4,559,554, Cl. 358-44.000.
Nonaka, Chiaki, 4,512,004, Cl. 369-45.000.
Numata, Kiyoshi; Yoshida, Toshihiro; and Kokubo, Takashi, 4,556,283, Cl. 350-117.000.
Ochi, Shigeyuki; and Yamanaka, Seisuke, 4,541,016, Cl. 358-228.000.
Odaka, Kentaro, 4,544,958, Cl. 360-8.000.
Odaka, Kentaro, 4,549,230, Cl. 360-8.000.
Odaka, Kentaro; Sako, Yoichiro; Kojima, Yuichi; Nakano, Kenji; and Moriwaki, Hisayoshi, 4,562,578, Cl. 371-40.000.
Ogawa, Hiroshi; and Yamagami, Tamotsu, 4,539,691, Cl. 375-37.000.
Ogawa, Masumi; Kawakami, Hiromi; and Meguro, Toshiaki, 4,551,756, Cl. 358-197.000.
Ohira, Takao; Okihara, Daijiro; and Niiro, Makoto, 4,511,934, Cl. 360-55.000.
Ohkoshi, Akio; Ueno, Kiichi; Muchi, Tsuneo; Masatoki, Tamihaura; and Michiba, Isamu, 4,529,905, Cl. 313-35.000.
Ohkoshi, Akio; Toyama, Takashi; and Watanabe, Toshiro, 4,533,850, Cl. 313-36.000.
Ohkubo, Hiroyuki, 4,492,922, Cl. 324-207.000.
Ohsawa, Kenji; Ito, Takao; Ohsawa, Masayuki; and Kurata, Keiji, 4,528,064, Cl. 156-630.000.
Ohshima, Eiji, 4,520,411, Cl. 360-85.000.
Ohtsuki, Tadashi, 4,496,997, Cl. 360-13.000.
Ohwaki, Hirotsugu; and Yamashiki, Yutaka, 4,530,066, Cl. 364-708.000.
Okada, Hisao; Tanaka, Seiichiro; and Kawaberi, Seiji, 4,518,993, Cl. 358-114.000.
Okada, Takashi; Ikeda, Yasunari; and Tanaka, Yutaka, 4,524,379, Cl. 358-11.000.
Okanobu, Taiwa, 4,560,920, Cl. 323-315.000.
Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, 4,527,208, Cl. 360-85.000.
Okuyama, Yoshikazu; and Takeuchi, Hajime, 4,550,349, Cl. 360-10.200.
Onga, Makoto; Sase, Masatoshi; and Yamanaka, Seisuke, 4,527,190, Cl. 358-30.000.
Otsuka, Toru, 4,513,334, Cl. 360-75.000.
Ozawa, Kazuo; and Sawa, Tetsuo, 4,544,977, Cl. 360-133.000.
Quan, Ronald, 4,516,041, Cl. 307-494.000.
Quan, Ronald, 4,544,943, Cl. 358-25.000.
Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, 4,547,823, Cl. 360-90.000.
Saito, Akiro; Kamaya, Naoki; Endo, Junya; Ohba, Seisuke; Kumano, Akira; Ida, Yoshinori; and Horie, Hideo, 4,491,886, Cl. 360-85.000.
Saito, Etsuro, 4,511,944, Cl. 360-133.000.
Saito, Etsuro, 4,536,813, Cl. 360-137.000.
Sakamoto, Hitoshi, 4,549,234, Cl. 360-10.200.
Sakamoto, Hitoshi, 4,549,235, Cl. 360-10.200.
Sakamoto, Yasuhiro; Saita, Koji; and Kojima, Akihiro, 4,504,764, Cl. 313-403.000.
Sako, Yoichiro; and Odaka, Kentaro, 4,497,058, Cl. 371-39.000.
Sako, Yoichiro; and Odaka, Kentaro, 4,541,092, Cl. 371-39.000.
Sako, Yoichiro; and Odaka, Kentaro, 4,546,474, Cl. 371-39.000.
Sasaki, Shin, 4,507,692, Cl. 360-60.000.
Sasaki, Tadao, 4,558,349, Cl. 358-16.000.
Sase, Masatoshi; Onga, Makoto; and Yamanaka, Seisuke, 4,496,967, Cl. 358-44.000.
Sase, Masatoshi; and Yamanaka, Seisuke, 4,551,761, Cl. 358-213.000.
Sato, Seiji, 4,491,887, Cl. 360-90.000.
Sato, Seiji; and Takeuchi, Koichi, 4,510,538, Cl. 360-84.000.
Sekino, Takeo; and Takeda, Masashi, 4,559,522, Cl. 340-347.0AD.
Shibata, Katsuhiko; and Sato, Mitsuyoshi, 4,507,352, Cl. 428-201.000.
Shimada, Toshiyuki, 4,499,454, Cl. 340-347.0DD.
Shimada, Toshiyuki, 4,520,346, Cl. 340-347.0DD.
Shimizu, Yoshio; and Yokoya, Satoshi, 4,541,109, Cl. 381-15.000.
Shirakawa, Masami, 4,498,034, Cl. 318-314.000.
Shirota, Norihisa; and Abe, Takao, 4,517,552, Cl. 340-347.0DD.
Soneda, Mitsuo; and Maekawa, Toshikazu, 4,533,954, Cl. 358-212.000.
Soneda, Mitsuo; Maekawa, Toshikazu; and Otsu, Kouji, 4,538,288, Cl. 377-76.000.
Sugita, Junkichi; and Yada, Hiroaki, 4,543,531, Cl. 329-50.000.
Suzuki, Manabu, 4,524,308, Cl. 315-368.000.
Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, 4,500,822, Cl. 318-314.000.
Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, 4,506,202, Cl. 318-603.000.
Takahashi, Shiro, 4,523,245, Cl. 360-130.210.
Takamatsu, Ryoji, 4,527,210, Cl. 360-105.000.
Takeda, Masahiro, 4,532,419, Cl. 235-492.000.
Takeda, Masashi; and Iwasa, Masaru, 4,539,553, Cl. 340-347.0DA.
Takei, Yutaka; and Somezawa, Masashi, 4,508,752, Cl. 427-48.000.
Takeshita, Kaneyoshi, 4,518,978, Cl. 357-24.000.
Takeuchi, Hajime; and Okuyama, Yoshikazu, 4,539,603, Cl. 360-10.100.
Takeuchi, Tetsuo, 4,499,662, Cl. 29-622.000.
Tanaka, Masato; and Sonoda, Takenori, 4,520,407, Cl. 360-32.000.
Tanaka, Masato; Ohtsuki, Tadashi; and Tsuchiya, Yoshikazu, 4,562,581, Cl. 375-7.000.
Tanaka, Sadaaki, 4,558,354, Cl. 358-37.000.
Tanaka, Yutaka; and Okada, Takashi, 4,524,382, Cl. 358-31.000.
Tanaka, Yutaka; Ikeda, Yasunari; and Nakano, Hiroshi, 4,539,592, Cl. 358-140.000.
Terajima, Jiro; Suzuki, Tadahiko; and Nagasawa, Hisamichi, 4,531,026, Cl. 200-5.00R.
Teranishi, Hiroshi; Nakatsuyama, Takashi; and Inagaki, Masaomi, 4,549,233, Cl. 360-90.000.
Tsuji, Akira; Ito, Sadayuki; and Fujimoto, Kazumi, 4,517,617, Cl. 360-133.000.
Tsurushima, Katsuaki; Furuya, Tsuneo; and Fukami, Tadashi, 4,519,058, Cl. 369-53.000.
Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, 4,524,401, Cl. 360-113.000.
Ueda, Sachio; Toriyama, Shigehiro; and Matsushita, Yuichi, 4,524,402, Cl. 360-130.240.
Uedaira, Satoru; Yamanoi, Hiroshi; and Tamura, Hidemasa, 4,520,004, Cl. 423-598.000.
Uedaira, Satoru; Yamanoi, Hiroshi; Suzuki, Masayuki; Tamura, Hidemasa; and Suzuki, Hiroyuki, 4,547,355, Cl. 423-593.000.
Uehara, Seigo; Yamanouchi, Hiroshi; and Kuji, Mitsugu, 4,549,237, Cl. 360-71.000.
Uzuka, Mitsuo, 4,529,900, Cl. 310-43.000.
Wachi, Shigeaki, 4,539,666, Cl. 369-50.000.
Wachi, Shigeaki, 4,543,650, Cl. 369-43.000.
Wachi, Shigeaki, 4,551,661, Cl. 318-314.000.
Wakita, Toshiaki, 4,559,523, Cl. 340-347.0AD.
Watanabe, Haruo; Seto, Junetsu; Suzuki, Kiyosuke; and Fukuma, Toshiaki, 4,542,084, Cl. 430-46.000.
Watanabe, Kenji, 4,531,153, Cl. 358-141.000.
Watanabe, Nobuhiko; and Tanaka, Masato, 4,492,989, Cl. 360-32.000.
Watanabe, Nobuhiko; and Tanaka, Masato, 4,525,752, Cl. 360-13.000.
Watanabe, Nobuhiko, 4,541,089, Cl. 371-8.000.
Watanabe, Tetsu; and Tanaka, Masato, 4,559,568, Cl. 360-48.000.
Watanabe, Toshiaki; Uenishi, Toshifumi; Sahara, Hiroshi; and Yamaoka, Katsumi, 4,544,922, Cl. 340-728.000.
Yamada, Hisafumi; Saito, Junya; and Tsutsui, Ichiro, 4,517,601, Cl. 358-167.000.
Yamada, Takaaki; Tsuda, Yukio; and Yamakoshi, Akira, 4,521,744, Cl. 331-1.00A.
Yamada, Takaaki; and Sekino, Takeo, 4,533,903, Cl. 340-347.0AD.
Yamagiwa, Kazuo, 4,558,283, Cl. 328-160.000.
Yamaguchi, Tokundo; Kimizuka, Masanori; and Kawashima, Isao, 4,545,500, Cl. 220-4.00B.
Yamamoto, Kaichi, 4,509,016, Cl. 328-138.000.
Yamamoto, Kaichi; and Yonemitsu, Jun, 4,533,937, Cl. 358-22.000.
Yamanaka, Seisuke; Sase, Masatoshi; Yoshioka, Osamu; and Kajino, Isao, 4,556,912, Cl. 358-213.000.
Yamano, Yuzo; and Oozeki, Hikaru, 4,534,215, Cl. 73-862.440.
Yazawa, Kenji; and Baba, Kenichi, 4,539,264, Cl. 428-621.000.
Yazawa, Kenji, 4,539,265, Cl. 428-621.000.
Yazawa, Kenji; and Baba, Kenichi, 4,543,301, Cl. 428-621.000.
Yokoya, Satoshi, 4,525,686, Cl. 331-17.000.
Yokoya, Satoshi; Numata, Norio; and Shimizu, Ikuo, 4,535,470, Cl. 381-15.000.
Yoneyama, Shigeyuki; Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,542,418, Cl. 360-19.100.
Yoshida, Tadao, 4,500,982, Cl. 369-50.000.
Yoshioka, Osamu; Kajino, Isao; and Yamanaka, Seisuke, 4,553,169, Cl. 358-221.000.

Sony Magnescale Inc.: *See*—
  Narimatsu, Akihisa; and Ohkubo, Hiroyuki, 4,523,381, Cl. 33-125.00C.
  Yonemoto, Hiroshi; Narimatsu, Akihisa; and Suzuki, Nobuyuki, 4,558,312, Cl. 340-680.000.

Sony/Tektronix Corporation: *See*—
  Fukuta, Minoru, 4,516,119, Cl. 340-722.000.
  Miki, Yasuhiko, 4,538,266, Cl. 371-15.000.
  Sato, Keiichi; Takeuchi, Yoko; and Yanagisawa, Midori, 4,527,230, Cl. 364-130.000.
  Takita, Kentaro, 4,550,387, Cl. 364-900.000.

Sooch, Navdeep S., to AT&T Bell Laboratories. MOS cascode current mirror. 4,550,284, 10-29-85, Cl. 323-315.000.

Sood, Lal C., to Motorola, Inc. Method and apparatus for selectively precharging column lines of a memory. 4,520,465, 5-28-85, Cl. 365-203.000.

Sood, Lal C., to Motorola, Inc. Circuit for generating test equalization pulse. 4,549,101, 10-22-85, Cl. 307-443.000.

Sood, Raman R.: *See*—
  Huni, Jean-Paul R.; Hollingshead, Ethan A.; Edgeworth, Thomas G.; Sood, Raman R.; Dewing, Ernest W.; and Rogers, Charles J., 4,505,796, Cl. 204-243.00R.

Soodak, Charles I.: *See*—
  Gould, Gordon; Soodak, Charles I.; and Thompson, Robert E., 4,504,112, Cl. 350-96.230.
  Thompson, Robert E.; Gould, Gordon; and Soodak, Charles I., 4,522,464, Cl. 350-96.230.

Soos, Nicholas A.: *See—*
  Cuthbert, John D.; and Soos, Nicholas A., 4,510,176, Cl. 427-82.000.

Soos, Rudolf; Kolta, Rezso; Zoltan, Sandor; and Tary, Maria, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Process for the separation of esters. 4,521,612, 6-4-85, Cl. 560-124.000.

Soos, Rudolf: *See—*
  Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.

Sooudi, Saeed K.: *See—*
  Cooper, Stephen M.; and Sooudi, Saeed K., 4,550,976, Cl. 350-96.230.

Soper, Louis H. Solar heating panel. 4,498,458, 2-12-85, Cl. 126-429.000.

Soper, Peter H. H.; and Cammack, Andrew S., to Autoflow Engineering Limited. Apparatus for moving a tool in a controlled manner. 4,535,566, 8-20-85, Cl. 51-124.00L.

Soper, Quentin F.: *See—*
  Ho, Peter P. K.; and Soper, Quentin F., 4,552,891, Cl. 514-443.000.

Soper, Richard S.: *See—*
  McCabe, Dennis; and Soper, Richard S., 4,530,834, Cl. 424-93.000.

Sophus Berendsen Marine A/S: *See—*
  Jensen, Jens C., 4,541,149, Cl. 24-134.00R.

Sopp, Samuel W.: *See—*
  Howe, Michael W.; and Sopp, Samuel W., 4,512,823, Cl. 148-113.000.

Soquem-Societe Quebecoise d'Exploration Miniere: *See—*
  Biss, Rudy, 4,493,817, Cl. 423-62.000.

SOQUIP: *See—*
  Pronovost, Richard; Innis, Peter; and O'Rourke, Leo M., 4,505,127, Cl. 62-271.000.

Sorace, Joseph; and Wright, George, to Advanced Tech Tool, Ltd. High-speed indexing feed screw conveyer. 4,526,128, 7-2-85, Cl. 118-314.000.

Sorathia, Usman A. K.: *See—*
  Gagliani, John; Sorathia, Usman A. K.; and Lee, Raymond, 4,506,038, Cl. 521-103.000.
  Lee, Raymond; Sorathia, Usman A. K.; and Ferro, Gregory A., 4,535,101, Cl. 521-189.000.

Sorba, Antoine; Attal, Gerard J.; Seignier, Georges B.; and Hamad, Ahmed M., to Ecole Superieure d'Electricite and Enertec. Process and device for system characterization by spectral analysis. 4,527,116, 7-2-85, Cl. 324-77.00B.

Sorbe, Gunter: *See—*
  Westermann, Lothar; Wasel-Nielen, Horst-Dieter; and Sorbe, Gunter, 4,502,892, Cl. 134-6.000.

Sorbier, Jean-Pierre: *See—*
  Jerome, Denis; More, Claude; Roger, Guy-Roland; Sorbier, Jean-Pierre; Delrieu, Jean-Marc; Ribault, Michel; Fabre, Jean M.; Fournel, Andre; Giral, Louis; and Bechgaard, Klaus, 4,517,121, Cl. 260-239.00R.

Sorbo, Peter J.: *See—*
  Roule, Richard L.; Sorbo, Peter J.; and Kimball, John J., 4,533,586, Cl. 428-137.000.

Sorbonne, Robert L. Guard for venipuncture site and catheter retainer. 4,517,971, 5-21-85, Cl. 128-133.000.

Sord Computer Systems, Inc.: *See—*
  Hiroishi, Akihiko, 4,536,856, Cl. 364-900.000.

Sordi, Joseph J.: *See—*
  Shaw, Philip S.; Sordi, Joseph J.; and Traiger, Irving L., 4,506,326, Cl. 364-300.000.

Soref, Richard A.; and McMahon, Donald H., to Sperry Corporation. Electro-optical switch for unpolarized optical signals. 4,516,837, 5-14-85, Cl. 350-347.00V.

Soref, Richard A.: *See—*
  Spillman, William, Jr.; Soref, Richard A.; and Sanford, Norman A., 4,547,262, Cl. 156-659.100.

Sorelec: *See—*
  Djelouah, Salah, 4,498,302, Cl. 60-671.000.

Sorens, Dave A., to Kimberly-Clark Corporation. Creping adhesives containing polyvinyl alcohol and cationic polyamide resins. 4,528,316, 7-9-85, Cl. 524-503.000.

Sorensen, Ansgar C. H. Device for determining the concentration of an absorbable component in a gaseous mixture. 4,518,566, 5-21-85, Cl. 422-88.000.

Sorensen, Edward C., Jr. Means for controlling row planters. 4,516,670, 5-14-85, Cl. 192-48.800.

Sorensen, Gunnar; and Svendsen, Leo G., to A/S Neselco. Xerographic method for dry sensitization and electroless coating of an insulating surface and a powder for use with the method. 4,504,529, 3-12-85, Cl. 427-437.000.

Sorensen, Gunnar; and Svendsen, Leo, to NESELCO. Powder for use in dry sensitization for electroless plating. 4,518,738, 5-21-85, Cl. 524-435.000.

Sorensen, Ian W.; and Kiwak, Robert S., to Bendix Corporation, The. Method for making carbon microfibers. 4,555,393, 11-26-85, Cl. 423-447.100.

Sorensen, Ian W., to Allied Corporation. High conducting polymer-metal alloy blends. 4,557,857, 12-10-85, Cl. 252-503.000.

Sorensen, Jens O. Core stabilization by sequential injections. 4,508,676, 4-2-85, Cl. 264-328.800.

Sorensen, Jens O., to Primtec. Displaced snorkel sandwich molding. 4,539,171, 9-3-85, Cl. 264-328.800.

Sorensen, Jens O.: *See—*
  Kira, Gene S.; and Sorensen, Jens O., 4,490,980, Cl. 60-641.800.

Sorensen, Kim: *See—*
  Henrichsen, Frank; Hansen, Flemming A.; and Sorensen, Kim, 4,538,988, Cl. 433-84.000.

Sorensen, Maurice L. Chimney cleaning apparatus. 4,538,317, 9-3-85, Cl. 15-163.000.

Sorensen, Sven: *See—*
  Rishovd, Erik; and Sorensen, Sven, 4,513,765, Cl. 137-72.000.

Sorensen, Wayne E.; and Johnson, Larry E., to Herschel Corporation. Cutter guard. 4,520,618, 6-4-85, Cl. 56-310.000.

Sorensen, Wilfred. Heat actuated system for circulating heat transfer fluids. 4,552,208, 11-12-85, Cl. 165-104.220.

Sorenson, David A.: *See—*
  Pausch, Josef [illegible] Sorenson, David A., 4,556,173, Cl. 239-533.130.

Sorenson, Rich[illegible] W., to Carlingswitch, Inc. Three position switch construction. [illegible]524,25[illegible] 6-18-85, Cl. 200-68.200.

Sorenson, Richa[illegible] W., to Carlingswitch, Inc. Momentary switch. 4,562,318, 12-3[illegible] [illegible]. 200-73.000.

So[illegible]nson, Roderick [illegible] *See—*
  Connor, David T.; and Sorenson, Roderick J., 4,562,006, Cl. 260-410.000.

Sorg, James D.: *See—*
  Reed, Richard K.; Reed, James R.; and Sorg, James D., 4,518,235, Cl. 354-86.000.

Sorge, Richard M.; Ponzoni, Ronald W.; and Shoaf, Myron D., to General Foods Corporation. Method for agglomerating aspartame and acid-containing mixes. 4,554,167, 11-19-85, Cl. 426-285.000.

Sorger, Gunter U.; and Raicu, Dan, to Eaton Corporation. Magnetically tunable resonators and tunable devices such as filters and resonant circuits for oscillators using magnetically tuned resonators. 4,555,683, 11-26-85, Cl. 333-202.000.

Sorgi, Aladino D., to Cubic Corporation. Frequency generator using composite digitally controlled oscillators. 4,494,073, 1-15-85, Cl. 328-14.000.

Soriano, David S.; Demmin, Timothy R.; and Robinson, Martin A., to Allied Corporation. β-Oximinoalkylphosphonic acid esters. 4,507,251, 3-26-85, Cl. 260-944.000.

Soriano, David S.: *See—*
  Nalewajek, David; Soriano, David S.; and Borowski, Ralph J., 4,548,763, Cl. 260-989.000.

Sorich, Richard A., to CooperVision, Inc. Operative elliptical probe for ultrasonic surgical instrument and method of its use. 4,515,583, 5-7-85, Cl. 604-22.000.

Sorin Biomedica S.p.A.: *See—*
  Cerise, Osvaldo; Arru, Pietro; and Vallana, Franco, 4,495,039, Cl. 204-130.000.

Sorko-Ram, Paul O. Process for producing a device for reflecting electromagnetic energy and product produced thereby. 4,533,591, 8-6-85, Cl. 428-213.000.

Sorli, Duncan C.; and Keightley, John H., to Polaroid Corporation. Film processing apparatus including a vacuum pickup head for a film processing fluid container. 4,556,306, 12-3-85, Cl. 354-304.000.

Sorlie, Kjell: *See—*
  Mikkelsen, Jan; and Sorlie, Kjell, 4,491,195, Cl. 187-9.00R.

Sorlien, Mark D., to Minnesota Mining and Manufacturing Company. Cable sheath repair method. 4,497,760, 2-5-85, Cl. 264-36.000.

Sorlien, Mark D.; and Filreis, Manuel, to Minnesota Mining and Manufacturing Company. Cable shield connector. 4,561,708, 12-31-85, Cl. 339-14.00L.

Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, to Ceskoslovenska akademie ved. Liquid atomizer having a double-acting pump. 4,503,996, 3-12-85, Cl. 222-321.000.

SORMA s.r.l.: *See—*
  Pieri, Vincenzo, 4,537,006, Cl. 53-134.000.

Sornes, Tor, to TrioVing A/S. Electronic recodeable lock. 4,519,228, 5-28-85, Cl. 70-276.000.

Soroi, Kazunori: *See—*
  Nagato, Yoshio; and Soroi, Kazunori, 4,511,665, Cl. 501-96.000.

Sorokin, Alexandr I.: *See—*
  Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., 4,531,934, Cl. 604-22.000.

Sorrell, Furman Y.; Curtin, Thomas B.; and Feezor, Michael D., to Seametrics, Inc. Electromagnetic shearflowmeter for remote oceanic applications. 4,543,822, 10-1-85, Cl. 73-170.00A.

Sorrell, Theophilus: *See—*
  Neumann, Stephen M.; Pearce, Glenn T.; and Sorrell, Theophilus, 4,559,291, Cl. 430-214.000.

Sorrells, Frank D., to Cole National Corporation. Mounting apparatus for processing lens blanks. 4,535,575, 8-20-85, Cl. 51-216.0LP.

Sorrentino, Anthony A. Window-type air conditioner mounting assembly. 4,510,852, 4-16-85, Cl. 98-94.200.

Sorriero, Louis J.: *See—*
  Alexandrovich, Peter S.; Sorriero, Louis J.; and Sreekumar, Chandra, 4,547,449, Cl. 430-115.000.

Sortwell, Edwin T., to Diachem Industries, Inc. Method of rapidly dissolving polymers in water. 4,499,214, 2-12-85, Cl. 523-336.000.

Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., to Diatec Polymers. Method of rapidly dissolving polymers in water. 4,507,470, 3-26-85, Cl. 528-499.000.

Sortwell, Edwin T.; Slovinsky, Manuel; and Mikkelsen, Alan R., to Diatec Polymers. Method of rapidly dissolving polymers in water. 4,529,794, 7-16-85, Cl. 528-499.000.

Sosebee, B. Lamar: *See—*

Walker, Paul; Hamrick, Glen F.; and Sosebee, B. Lamar, 4,515,646, Cl. 156-78.000.

Soshin Onkyo Works, Ltd.: *See—*

Kashiwabara, Akihiko, 4,552,242, Cl. 181-144.000.

Sosnowski, John: *See—*

Ritchie, Joseph M.; Chang, Bong H.; and Sosnowski, John, 4,530,755, Cl. 208-96.000.

Sosta, Pierluigi: *See—*

Campello, Ugo; Racca, Enrico; Sosta, Pierluigi; and Baggiolini, Deris, 4,555,020, Cl. 206-235.000.

Sota, Kaoru: *See—*

Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, 4,557,871, Cl. 556-183.000.

Sotelo, James M.; and Porozoff, Peter J., to Plantronics, Inc. Speakerphone with wireless infrared microphone. 4,543,665, 9-24-85, Cl. 455-606.000.

Soth, Henry J.: *See—*

Kukowski, John A.; Soth, Henry J.; and Gay, William H., 4,507,862, Cl. 29-837.000.

Porterfield, Richard; Soth, Henry J.; and Biesecker, Douglas A., 4,543,705, Cl. 29-566.300.

Sotinee Tolvay, Marta: *See—*

Orban, Erno ; Borvendeg, Janos; Nagy, Laszlo; Sotinee Tolvay, Marta; and Bander, Erzsebet, 4,539,199, Cl. 424-22.000.

Sotirin, Barbara: *See—*

Stixrud, Thomas E.; and Sotirin, Barbara, 4,562,554, Cl. 364-900.000.

Sotnikov, Ivan A.: *See—*

Lipets, Adolf U.; Alexandrov, Boris I.; Kuznetsova, Svetlana M.; Okerblom, Jury I.; Ershov, Jury A.; Frolova, Nadezhda A.; Malkis, Valery A.; Sotnikov, Ivan A.; Fedosov, Alexei Z.; and Petrosyan, Robert A., 4,501,320, Cl. 165-144.000.

Soto, Jose M. P.; Noverola, Armando V.; Mauri, Jacinto M.; and Spickett, Robert G. W., to Fordonal, S.A. Piperidine derivatives. 4,550,116, 10-29-85, Cl. 514-327.000.

Sotobayashi, Hideto: *See—*

Asmussen, Frithjof; Sotobayashi, Hideto; Chen, Jiang-Tsun; and Schnabel, Wolfram, 4,551,414, Cl. 430-270.000.

Sotoma, Koichi: *See—*

Fujimura, Gen; Sotoma, Koichi; Kunikyo, Hiroshi; Hata, Masahito; and Inoue, Hidesuke, 4,534,284, Cl. 99-498.000.

Sottini, Stefano; Brenci, Massimo; Righini, Giancarlo; Falciai, Riccardo; Russo, Vera; and Scheggi, Verga A., to Consiglio Nazionale Delle Ricerche. High power laser radiation conveying device utilizing variable section fiber optics. 4,521,070, 6-4-85, Cl. 350-96.150.

Sottolana, Giulio. Shoe bottom for general footwear including heel, instep, plantar, support and insole. 4,499,671, 2-19-85, Cl. 36-24.500.

Sou, Teho. Bottom box for pet cage. 4,498,422, 2-12-85, Cl. 119-17.000.

Soubry, Garry V.; and MacFarlane, James L. Safety descent device. 4,523,664, 6-18-85, Cl. 182-233.000.

Souchi, Toshiyuki; and Todaka, Isoo, to Toyoda Gosei Co., Ltd. Device for attaching a hose joint. 4,532,687, 8-6-85, Cl. 29-235.000.

Souchi, Toshiyuki: *See—*

Kato, Taizo; and Souchi, Toshiyuki, 4,545,548, Cl. 242-156.000.

Soucie, Allen L.: *See—*

Smith, Michael J.; and Soucie, Allen L., 4,533,464, Cl. 209-158.000.

Soucie, William G.: *See—*

Chen, Wen-Sherng; and Soucie, William G., 4,559,233, Cl. 426-104.000.

Souda, Keiichi: *See—*

Suzuki, Akihiro; Souda, Keiichi; Kuno, Masao; and Ikuta, Hiroshi, 4,538,191, Cl. 360-88.000.

Soudbrase-Schweisstechnik GmbH: *See—*

Meier, Gudrun, 4,547,941, Cl. 29-156.40R.

Souders, Marvyn L.: *See—*

DiBuo, Louis J.; Solt, Paul E.; and Souders, Marvyn L., 4,525,106, Cl. 406-60.000.

Souders, Roger B. Weighted bat with weight securing means. 4,505,479, 3-19-85, Cl. 273-72.00A.

Sougawa, Masafumi, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Fuel control system for internal combustion engines. 4,554,896, 11-26-85, Cl. 123-179.00G.

Souji, Ichikawa, to Mitutoyo Mfg. Co., Ltd. Displacement measuring instrument. 4,549,353, 10-29-85, Cl. 33-125.00R.

Soukup, Milan: *See—*

Lukac, Teodor; Soukup, Milan; and Widmer, Erich, 4,532,358, Cl. 568-341.000.

Soukup, Robert J.: *See—*

Zanno, Paul R.; Parliment, Thomas H.; Soukup, Robert J.; and McNaught, Richard P., 4,493,852, Cl. 426-535.000.

Soukup, Thomas M. Carbon fiber pacing electrode. 4,534,366, 8-13-85, Cl. 128-786.000.

Soula, Gerard, to Rhone-Poulenc Specialites Chimiques. Process for alkylating halogenated and trifluoromethylated benzene compounds. 4,560,814, 12-24-85, Cl. 570-144.000.

Soula, Gerard: *See—*

Lepage, Jean-Luc; and Soula, Gerard, 4,548,917, Cl. 502-150.000.

Linguenheld, Louis; and Soula, Gerard, 4,504,682, Cl. 564-480.000.

Soulakis, George, to Eldon Industries, Inc. Systems in which one or more objects are supported by vertical standards. 4,535,705, 8-20-85, Cl. 108-152.000.

Soule Fer et Froid S.A.: *See—*

Huon de Kermadec, Jean, 4,512,259, Cl. 104-208.000.

Soules, Thomas F.; and Vukcevich, Milan R., to General Electric Company. Multiple headlamp system. 4,503,488, 3-5-85, Cl. 362-80.000.

Soultanian, Setrak D., to Wen Products, Inc. Electronic charging circuit for battery operated appliances. 4,560,915, 12-24-85, Cl. 320-35.000.

Soum, Rene P. Prestressed cable anchorage system. 4,510,723, 4-16-85, Cl. 52-223.00R.

Souma, Keinosuke: *See—*

Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,589, Cl. 144-213.000.

Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,590, Cl. 144-213.000.

Souma, Kenichi: *See—*

Azuhata, Shigeru; Arashi, Norio; Narato, Kiyoshi; Inada, Tooru; Souma, Kenichi; Ohtsuka, Keizou; Hishinuma, Yukio; and Masai, Tadahisa, 4,515,094, Cl. 110-347.000.

Souma, Masahiro: *See—*

Momono, Masakichi; Moriya, Hisanori; Souma, Masahiro; and Hamashima, Eiji, 4,520,962, Cl. 239-585.000.

Soumai, Masamichi: *See—*

Ogura, Shunichiro; and Soumai, Masamichi, 4,515,661, Cl. 203-60.000.

Ogura, Shunichiro; and Soumai, Masamichi, 4,555,312, Cl. 203-29.000.

Ogura, Shunichiro; and Soumai, Masamichi, 4,556,461, Cl. 203-29.000.

Soumar, Karel; and Erling, Earl. Hot tap saddle fitting. 4,541,447, 9-17-85, Cl. 137-15.000.

Soumiya, Norimasa, to Ricoh Company, Ltd. Electrophotographic copier with a phantom image suppression function. 4,538,901, 9-3-85, Cl. 355-14.00E.

Sounai, Atuo; and Murata, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Molten carbonate fuel cell. 4,554,225, 11-19-85, Cl. 429-34.000.

Sound Attenuators Limited: *See—*

Chaplin, George B. B.; Jones, Andrew; and Jones, Owen, 4,527,282, Cl. 381-71.000.

Sound Products Company L.P.: *See—*

Questo, Warren O., 4,505,156, Cl. 73-626.000.

Soundaranathan, Kasivisvanatha: *See—*

Gray, Bruce; Soundaranathan, Kasivisvanatha; and VanGieson, Franklin D., 4,536,945, Cl. 29-571.000.

Souquet, Jacques: *See—*

Harui, Norio; and Souquet, Jacques, 4,543,960, Cl. 128-660.000.

Souquet, Jean-Louis: *See—*

Carette, Brigitte; Kone, Ali; Souquet, Jean-Louis; Ribes, Michel; and Maurin, Maurice, 4,513,070, Cl. 429-193.000.

Sour Pliva farmaceutska, kemijska prehrambena i kozmeticka industrija, n.sol.o.: *See—*

Kobrehel, Gabrijela; and Djokic, Slobodan, 4,517,359, Cl. 536-7.400.

Souren, Hubertus J., to Grolsche Bierbrouwerij B.V. Stationary beer container. 4,560,091, 12-24-85, Cl. 222-155.000.

Sourirajan, Srinivasa: *See—*

Kutowy, Oleh; Thayer, William L.; and Sourirajan, Srinivasa, 4,496,502, Cl. 264-41.000.

Sousek, Eugene A., to Piper Industries, Inc. Adjustable multiple row harvester head assembly. 4,531,351, 7-30-85, Cl. 56-98.000.

Soussaline, Francoise: *See—*

Le Coq, Gerard; and Soussaline, Francoise, 4,539,639, Cl. 364-414.000.

Sousloff, Dimitri G., to Fenner America Inc. Method for anchoring a machine element coaxially on a rotary shaft. 4,543,704, 10-1-85, Cl. 29-458.000.

South African Inventions Development Corporation: *See—*

Galloway, Roy C.; Bones, Roger J.; Teagle, David A.; and Wright, Michael L., 4,529,676, Cl. 429-103.000.

Hourahane, Donald H.; and Strover, Angus E., 4,535,768, Cl. 128-305.100.

Hunt, Michael S., 4,534,169, Cl. 60-414.000.

Kolb, Peter J., 4,527,569, Cl. 128-660.000.

Mundell, Peter J., 4,506,681, Cl. 128-92.00D.

Polson, Alfred, 4,550,019, Cl. 424-85.000.

Servas, Vladimiros; and Voors, Wilhelm P. H., 4,540,287, Cl. 366-7.000.

Thackeray, Michael M.; and Goodenough, John B., 4,507,371, Cl. 429-191.000.

South American Placers, Inc.: *See—*

Vargas, Alfredo P., 4,515,688, Cl. 209-167.000.

South, Aubrey, Jr., to Phillips Petroleum Company. Polymer slurry preparation. 4,548,977, 10-22-85, Cl. 524-310.000.

South Dakota School of Mines and Technology: *See—*

Iyer, L. Srinivasa, 4,491,017, Cl. 73-432.100.

South Eastern Electricity Board: *See—*

Fielden, John S., 4,558,303, Cl. 340-347.0AD.

South London Electrical Equipment Company Limited: *See—*

Slee, Robert K., 4,537,552, Cl. 414-222.000.

South Louisiana Contractors Inc.: *See—*

Hebert, Francis A., 4,526,278, Cl. 212-242.000.

South, Robert E. Electrical outlet guard. 4,530,555, 7-23-85, Cl. 339-39.000.

Southard, Benny S.: *See—*

Matherly, James F.; and Southard, Benny S., 4,542,873, Cl. 248-218.400.

- **Southard, Gary**, to Siemens Corporate Research & Support, Inc. Fiber optic time standard. 4,518,858, 5-21-85, Cl. 250-227.000.
- **Southard, George L.**, to Vipont Laboratories, Inc. Plaque disclosing agent. 4,517,172, 5-14-85, Cl. 424-7.100.
- **Southard, James S.** Alternating current switching device. 4,525,634, 6-25-85, Cl. 307-115.000.
- **Southco, Inc.**: *See—*
  - Bisbing, Robert H., 4,556,244, Cl. 292-65.000.
  - Frame, William R.; and Vickers, James H., 4,540,206, Cl. 292-66.000.
  - Vickers, James H., 4,490,884, Cl. 16-338.000.
- **Southeastern Crane Fork**: *See—*
  - Fowler, Aubrey A., Jr., 4,549,759, Cl. 294-67.200.
- **Southeastern Technology, Inc.**: *See—*
  - Gaitten, Walden M., deceased, 4,522,239, Cl. 144-2.00Z.
- **Southerland, Ebbin R., Jr.**, to Texas Instruments Incorporated. Dynamic metal oxide semiconductor field effect transistor clocking circuit. 4,496,851, 1-29-85, Cl. 307-269.000.
- **Southern California Edison Company**: *See—*
  - Mansour, Mansour N., 4,505,665, Cl. 431-10.000.
  - Powell, John G., 4,558,656, Cl. 116-147.000.
- **Southern California Gas Co.**: *See—*
  - Griggs, Michael; Acton, Laurence L.; and Hall, Gordon D., 4,520,265, Cl. 250-338.000.
  - Teague, W. Dorwin, Jr., 4,497,362, Cl. 165-54.000.
- **Southern Case, Inc.**: *See—*
  - Rathgeber, Juergen; and Ward, William W., 4,522,312, Cl. 220-324.000.
- **Southern Chemical Products Company**: *See—*
  - Udall, Raymond E., 4,515,294, Cl. 222-105.000.
- **Southern Imperial, Inc.**: *See—*
  - Valiulis, Stanley C., 4,560,062, Cl. 206-44.00R.
- **Southern, John H.**: *See—*
  - Menezes, Edgar V.; Southern, John H.; Ballman, Richard L.; and Chamberlin, J. M., 4,522,773, Cl. 264-167.000.
- **Southern Pacific Land Company**: *See—*
  - Gallup, Darrell L.; and Featherstone, John L., 4,522,728, Cl. 210-714.000.
- **Southern Railway Company**: *See—*
  - Miller, John R.; and Stubbs, John L., 4,522,127, Cl. 104-17.00R.
  - Stubbs, John L.; and Loflin, Carl B., 4,534,296, Cl. 104-8.000.
- **Southern Research Institute**: *See—*
  - Shealy, Y. Fulmer; and O'Dell, C. Allen, 4,543,255, Cl. 514-258.000.
  - Temple, Carroll G.; Montgomery, John A.; and Elliott, Robert D., 4,526,964, Cl. 544-279.000.
  - Temple, Carroll G.; Montgomery, John A.; and Elliott, Robert D., 4,536,575, Cl. 544-279.000.
  - Temple, Carroll G., Jr.; Montgomery, John A.; Elliott, Robert D.; and Wheeler, Glynn P., 4,511,721, Cl. 546-308.000.
  - Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,530,840, Cl. 514-179.000.
  - Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,542,025, Cl. 424-78.000.
- **Southern Steel Company**: *See—*
  - Young, Quentin H., 4,509,347, Cl. 70-129.000.
- **Southern Tool Company, Inc.**: *See—*
  - Sherman, Earle C.; and Green, James B. P., Jr., 4,519,181, Cl. 53-374.000.
- **Southgate, John P.**: *See—*
  - Williams, Malcolm; Tingey, Albert R.; Southgate, John P.; and Russell, Steven J., 4,512,319, Cl. 123-492.000.
- **Southgate, Peter D.; Fairbanks, David W.; Davis, Richard B.; and Beltz, John P.**, to RCA Corporation. Automatic stripe width reader. 4,498,779, 2-12-85, Cl. 356-384.000.
- **Southgate, Peter D.**, to RCA Corporation. Thermally isolated imager. 4,547,809, 10-15-85, Cl. 358-229.000.
- **Southgate, Robert; and Brown, Pamela**, to Beecham Group p.l.c. Chemical process. 4,521,337, 6-4-85, Cl. 534-560.000.
- **Southland Instruments, Inc.**: *See—*
  - Lee, Peter F., 4,513,754, Cl. 128-753.000.
- **Southwell, Sandra R. H.** Disposable panty for menstrual wear. 4,560,381, 12-24-85, Cl. 604-396.000.
- **Southwell, William H.**, to Rockwell International Corporation. Transmissive phase retarder. 4,536,063, 8-20-85, Cl. 350-395.000.
- **Southwest Bailer Pump Company**: *See—*
  - Senghaas, Karl A.; and Senghaas, Peter, 4,516,911, Cl. 417-2.000.
- **Southwest Energy Group, Ltd.**: *See—*
  - Skolnick, Saul; and Goodman, Albert, 4,498,367, Cl. 86-1.00R.
- **Southwest Medical Products, Incorporated**: *See—*
  - Raymond, Leonard S., 4,510,436, Cl. 324-61.00P.
- **Southwest Microwave**: *See—*
  - Cheal, James; and Fitzsimons, James R., 4,536,752, Cl. 340-554.000.
- **Southwest Research Corporation**: *See—*
  - Sparks, Cecil R.; Edlund, Carl E.; and Brown, Morton E., 4,559,610, Cl. 364-803.000.
- **Southwest Research Institute**: *See—*
  - Baker, Quentin A., 4,543,930, Cl. 123-299.000.
  - Benson, Harvey S., 4,494,065, Cl. 324-61.00R.
  - De Los Santos, Armando; King, James D.; Rollwitz, William L.; Matzkanin, George A.; and Hornung, Phillip A., 4,514,691, Cl. 324-301.000.
  - Hall, Charles W.; and Anderson, Orin M., 4,524,466, Cl. 603-3.000.
  - King, James D.; and Riewerts, Erroll S., 4,536,711, Cl. 324-306.000.
  - Kwun, Hegeon; and Teller, Cecil M., II, 4,497,209, Cl. 73-601.000.
  - O'Neal, Glenn B., 4,546,735, Cl. 123-90.170.
  - Rollwitz, William L.; and King, James D., 4,531,093, Cl. 324-300.000.
  - Shirley, Donald J.; and Owen, Thomas E., 4,525,645, Cl. 310-337.000.
  - Singh, Gurvinder P.; and Cervantes, Richard A., 4,502,331, Cl. 73-627.000.
  - Tomlinson, Samuel J., Sr.; Dean, Edward E.; and Adams, Leon M., 4,562,212, Cl. 514-690.000.
  - Winn, Bryan D. C., 4,523,294, Cl. 364-900.000.
  - Winquist, Knut L., 4,546,924, Cl. 239-533.400.
- **Southwest Services, Inc.**: *See—*
  - Garwin, Leo, 4,525,186, Cl. 62-22.000.
- **Southwick, Everett W.**: *See—*
  - Williams, David L.; Southwick, Everett W.; and Houminer, Yoram, 4,535,791, Cl. 131-278.000.
- **Southwick, Theron E.; and Mitchell, John W.**, to G. A. Braun Inc. Wall adapter for tilt type washer-extractor machine. 4,561,268, 12-31-85, Cl. 68-210.000.
- **Southwire Company**: *See—*
  - Berry, Milton E.; and Shibata, Mitsuyoshi, 4,524,821, Cl. 164-482.000.
  - Powers, Frank M.; and Ogletree, Robert H., 4,509,728, Cl. 266-44.000.
  - Sanders, Eugene T., 4,550,583, Cl. 72-247.000.
  - Sinha, Uday K.; and Peacock, Frank A., 4,552,200, Cl. 164-454.000.
  - Staib, William G., 4,519,588, Cl. 266-220.000.
  - Starnes, R. Emory, Jr., 4,541,277, Cl. 73-432.00R.
  - Starnes, Ralph E., Jr.; and Carden, Danny P., 4,519,131, Cl. 29-825.000.
- **Southworth, Glen R.; and Johnson, Bruce F.**, to Colorado Video, Incorporated. Spectrum conservation in encoded color TV signals. 4,514,753, 4-30-85, Cl. 358-11.000.
- **Southworth, Peter R.; and Baxter, Gregory R.**, to Nacom Industries, Inc. Semiconductor wafer transport system. 4,540,326, 9-10-85, Cl. 414-217.000.
- **Souto, Alberto**: *See—*
  - Maniscalco, Jack E.; and Souto, Alberto, 4,527,827, Cl. 296-3.000.
- **Souza, David W.** Variable quantity dispensing device for granular material. 4,560,092, 12-24-85, Cl. 222-168.000.
- **Souza, Raymond L.**, to Corning Glass Works. Replaceable junctions for reference electrodes. 4,495,053, 1-22-85, Cl. 204-435.000.
- **Sova, Stanley G.**: *See—*
  - Chisvette, Dominick; Lattimore, James; and Sova, Stanley G., 4,522,654, Cl. 106-288.00Q.
- **SOVAM**: *See—*
  - Morin, Andre, 4,490,869, Cl. 14-71.500.
- **Sovey, James S.**: *See—*
  - Mirtich, Michael J.; Sovey, James S.; and Banks, Bruce A., 4,560,577, Cl. 427-38.000.
- **Sovia, Rene D.**: *See—*
  - Steiner, Charles W.; and Sovia, Rene D., 4,558,195, Cl. 200-83.00R.
- **Sovis, John F.; and Balch, John A.**, to Royal Appliance Mfg. Co. Vacuum cleaner. 4,547,206, 10-15-85, Cl. 55-255.000.
- **Sovis, Milo D., Jr.**: *See—*
  - Jasperse, Philip D.; Weis, Siegfried K.; and Sovis, Milo D., Jr., 4,530,609, Cl. 384-482.000.
- **Sovonics Solar Systems**: *See—*
  - Cannella, Vincent D., 4,544,798, Cl. 136-251.000.
  - Fournier, Eugene; and Doehler, Joachim, 4,515,107, Cl. 118-718.000.
  - Hack, Michael; and Guha, Subhendu, 4,547,621, Cl. 136-249.0TJ.
  - Izu, Masatsugu; and Cannella, Vincent D., 4,510,674, Cl. 29-574.000.
  - Izu, Masatsugu; and Cannella, Vincent D., 4,510,675, Cl. 29-574.000.
  - Izu, Masatsugu; Cannella, Vincent D.; and Ovshinsky, Stanford R., 4,519,339, Cl. 118-718.000.
  - Izu, Masatsugu; and Ovshinsky, Herbert C., 4,542,711, Cl. 118-718.000.
  - Izu, Masatsugu; and Gattuso, David A., 4,545,136, Cl. 34-155.000.
  - Nath, Prem; Hoffman, Kevin R.; and Laarman, Timothy D., 4,537,795, Cl. 427-39.000.
  - Ovshinsky, Herbert C.; and Izu, Masatsugu, 4,492,181, Cl. 118-718.000.
  - Ovshinsky, Stanford R.; and Izu, Masatsugu, 4,492,810, Cl. 136-255.000.
  - Ovshinsky, Stanford R.; Allred, David D.; Walter, Lee; and Hudgens, Stephen J., 4,517,223, Cl. 427-39.000.
  - Ovshinsky, Stanford R., 4,520,039, Cl. 427-35.000.
  - Ovshinsky, Stanford R.; and Madan, Arun, 4,520,380, Cl. 357-2.000.
  - Ovshinsky, Stanford R.; Hudgens, Stephen J.; and Kastner, Marc A., 4,521,447, Cl. 427-45.100.
  - Ovshinsky, Stanford R.; and Izu, Masatsugu, 4,522,663, Cl. 148-403.000.
- **Sowa, Kunihiro**, to Nippon Soken, Inc. Phosphor indication device. 4,536,656, 8-20-85, Cl. 250-463.100.
- **Sowards, Norman K.**, to Energy Products of Idaho. Fluidized bed charcoal particle production system. 4,510,021, 4-9-85, Cl. 201-4.000.
- **Sowell, Donald L.**: *See—*
  - Davies, Richard A.; Lee, Michael W.; Rodenberger, Frank A.; Hill, James R.; Kulavich, David P.; and Sowell, Donald L., 4,496,411, Cl. 156-136.000.
- **Sowell, Lyles H.**, to Du Pont de Nemours, E. I., and Company. Filter element. 4,494,921, 1-22-85, Cl. 425-198.000.

Sowell, Mark S., III: *See—*
  Cutchens, Charles E.; Mathews, Marion J., III; and Sowell, Mark S., III, 4,491,673, Cl. 564-492.000.
Sowman, Harold G.: *See—*
  Leitheiser, Melvin A.; and Sowman, Harold G., 4,518,397, Cl. 51-293.000.
Soxil S.p.A.: *See—*
  Rodari, Gianpiero S., 4,508,117, Cl. 128-204.210.
Soychak, Francis J.: *See—*
  Chesebro, Donald G.; and Soychak, Francis J., 4,519,128, Cl. 29-576.00W.
Soyer, Wolfgang: *See—*
  Kemmner, Ulrich; and Soyer, Wolfgang, 4,556,490, Cl. 210-349.000.
Soyez, Christian: *See—*
  Barathon, Jean-Claude; Moiny, Fernand; Soyez, Christian; and Soyez, Gerard, 4,494,361, Cl. 53-553.000.
Soyez FR. S.A.: *See—*
  Barathon, Jean-Claude; Moiny, Fernand; Soyez, Christian; and Soyez, Gerard, 4,494,361, Cl. 53-553.000.
Soyez, Gerard: *See—*
  Barathon, Jean-Claude; Moiny, Fernand; Soyez, Christian; and Soyez, Gerard, 4,494,361, Cl. 53-553.000.
SPA Societa Prodotti Antibiotici S.p.A.: *See—*
  Bruzzese, Tiberio; Dell'Acqua, Ernani; and Van Den Heuvel, Holger H., 4,562,203, Cl. 514-468.000.
Spaanderman Cornelis, to Internationale Octrooi Maatschappij "Octropa" B.V. Rotary weigh-sorter. 4,519,506, 5-28-85, Cl. 209-592.000.
Spaanenburg, Lambertus: *See—*
  Schimmelpennink, Laurens M. H.; and Spaanenburg, Lambertus, 4,524,288, Cl. 307-40.000.
Spaans, Leendert B.: *See—*
  Penny, Michael F.; Woodcock, Brian; Abbot, Ralph H.; Phillips, David M.; and Spaans, Leendert B., 4,518,254, Cl. 356-5.000.
Spaargaren, Klaas, to Shell Oil Company. Capacitive level gauge. 4,553,434, 11-19-85, Cl. 73 304.00C.
Spaargaren, Robert, to Bendix Corporation, The. Adjuster assembly for a nonservo drum brake. 4,502,574, 3-5-85, Cl. 188-79.50P.
Spaargaren, Robert, to Allied Corporation. Spring clutch for duo-servo drum brake. 4,515,250, 5-7-85, Cl. 188-79.5GT.
Spaargaren, Robert, to Allied Corporation. Wheel cylinder and torque plate construction. 4,553,647, 11-19-85, Cl. 188-206.00R.
Spacelabs, Inc.: *See—*
  Hochberg, Howard M., 4,549,553, Cl. 128-719.000.
Spacemaker Limited: *See—*
  Minshall, Michael; Park, Brian; Etchegoyen, Carlos; and Babrovniczky, Bert, 4,558,687, Cl. 126-59.000.
Spacesaver Corporation: *See—*
  Dahnert, Dean L., 4,557,534, Cl. 312-201.000.
  Peterman, Robert J., 4,523,794, Cl. 312-201.000.
  Sattel, John A., 4,559,027, Cl. 474-116.000.
  Schindler, Michael D., 4,549,777, Cl. 312-198.000.
Spackova, Daniela S.; and Chen, Richard M. Previewer. 4,539,585, 9-3-85, Cl. 358-93.000.
Spada, John A.: *See—*
  Ward, Charles S.; Laton, Richard W.; and Spada, John A., 4,535,302, Cl. 330-287.000.
Spademan, Richard G. Step-in side-clamp safety ski release system. 4,492,387, 1-8-85, Cl. 280-624.000.
Spademan, Richard G. Dynamic internal fitting system with a movable foot bed for a sport shoe. 4,494,324, 1-22-85, Cl. 36-119.000.
Spademan, Richard G. Tooth cleaning bristle and holder. 4,534,081, 8-13-85, Cl. 15-167.00R.
Spademan, Richard G. Shoe with shock absorbing and stabiizing means. 4,546,555, 10-15-85, Cl. 36-28.000.
Spaderna, Dieter W.: *See—*
  Reese, Edmund A.; Spaderna, Dieter W.; and Flannagan, Stephen T., 4,547,867, Cl. 365-189.000.
Spaeth, Hans, to Maag Gear-Wheel and Machine Company Limited. Double-flank composite error tester. 4,550,508, 11-5-85, Cl. 33-179.50C.
Spagnoli, Roberto: *See—*
  Cappelletti, Leonardo M.; Spagnoli, Roberto; and Toscano, Luciano, 4,560,662, Cl. 435-253.000.
Spahic, Bojana K.; and Green, George F., to Novacor Medical Corporation. Process for producing rubber laminates. 4,552,816, 11-12-85, Cl. 428-420.000.
Spain, Raymond G.; and Massie, James E., to Hitco. Method and resin solution for splicing carbonized polyacrylonitrile material. 4,499,216, 2-12-85, Cl. 523-437.000.
Spain, Raymond G., to Hitco. Non-ionic epoxy resin emulsion finishes for carbon fibers. 4,517,245, 5-14-85, Cl. 428-367.000.
Spain, Robin L. Solar energy operated irrigation surge valve. 4,535,813, 8-20-85, Cl. 137-625.500.
Spake, Ned B.: *See—*
  Rodriguez, Larry A.; Padilla, Antonio A.; and Spake, Ned B., 4,512,387, Cl. 165-1.000.
Spalding & Evenflo Companies, Inc.: *See—*
  Cone, Richard E., 4,521,052, Cl. 297-3.000.
Spalding, Peter S., to Alcan Aluminum Corporation. Liquid flow switch and method of using same. 4,533,802, 8-6-85, Cl. 200-81.90R.
Spalding, Willard P.: *See—*
  Hart, James E.; Spalding, Willard P.; and Kyllonen, Allen W., 4,557,181, Cl. 91-519.000.
Spaller, Albert E., to Eastman Kodak Company. Package wind cutter. 4,519,281, 5-28-85, Cl. 83-37.000.
Spalten, Robert. Osteoblastic stimulation implant. 4,558,701, 12-17-85, Cl. 128-419.00F.
Spamer, William S., to Mead Corporation, The. Gravity-feed shelf and components therefor. 4,496,037, 1-29-85, Cl. 193-2.00R.
Spamer, William S.; and Beerman, Ronald J., to Mead Corporation, The. Article dispenser. 4,530,548, 7-23-85, Cl. 312-45.000.
Span, Francis J.; Boland, Aloysius T. M.; and van Laarhoven, Albertus J. A. J., to U.S. Philips Corporation. Clamping mechanism. 4,511,275, 4-16-85, Cl. 403-33.000.
Span, Richard M.: *See—*
  Freeman, Willie B.; and Span, Richard M., 4,531,031, Cl. 200-82.00B.
Spanek, Denis, to Chicago Wirecraft, Inc., a part interest. Rack for cooking foods such as artichokes. 4,557,188, 12-10-85, Cl. 99-415.000.
Spang & Company: *See—*
  Huth, Joseph F., III, 4,523,170, Cl. 336-83.000.
  Olmsted, Robert W.; and Huth, Joseph F., III, 4,558,295, Cl. 336-83.000.
Spang Industries Inc.: *See—*
  Olmsted, Robert W.; and Huth, Joseph F., III, 4,511,872, Cl. 336-83.000.
Spangler, Glenn E.; and Cox, John N., to Allied Corporation. Ion mobility spectrometer system with improved specificity. 4,551,624, 11-5-85, Cl. 250-287.000.
Spangler, Richard A., to Procter & Gamble Company, The. Disposable bib having tape-tab fastener. 4,523,333, 6-18-85, Cl. 2-49.00R.
Spangler, Richard M.; Burmeister, Eugene V.; Cada, Frank E.; Christopher, Chris J.; Covington, Wayne F.; Judd, Myles A.; Wenninger, Freddie W.; Watson, Robert E.; and Simcoe, Kent W., to Hewlett-Packard Company. Programmable calculator including program variable initialization means and array definition means. 4,546,448, 10-8-85, Cl. 364-900.000.
Spanier, Barry, to Maui Harness Corporation. Sailboard harness. 4,508,045, 4-2-85, Cl. 114-39.000.
Spanjer, Keith G.: *See—*
  Dubois, Jerry M.; and Spanjer, Keith G., 4,510,519, Cl. 357-81.000.
  Du Bois, Jerry M.; and Spanjer, Keith G., 4,518,982, Cl. 357-74.000.
  Olsen, Dennis R.; and Spanjer, Keith G., 4,546,374, Cl. 357-71.000.
Spannehl, Hans-Peter: *See—*
  Prohl, Hans-Rudiger; Schmidt, Bernd; and Spannehl, Hans-Peter, 4,504,843, Cl. 346-138.000.
Spano, John D.: *See—*
  Voltmer, Helmut; Schwenzer, Alfred F.; and Spano, John D., 4,493,744, Cl. 156-568.000.
  Voltmer, Helmut; Schwenzer, Alfred F.; and Spano, John D., 4,521,271, Cl. 156-568.000.
Spanset Inter AG: *See—*
  van de Kamp, Dieter, 4,500,578, Cl. 428-36.000.
Spar Aerospace Limited: *See—*
  Ferguson, Robert C., 4,555,207, Cl. 411-366.000.
Sparano, Ottorino: *See—*
  Marelli, Ernesto, 4,492,338, Cl. 239-102.000.
Sparer, Randall V.; and Bhaskar, Ravi K., to Merck & Co., Inc. Variable permeability liquid crystalline membranes. 4,513,034, 4-23-85, Cl. 428-1.000.
Sparer, Randall V.; and Pogany, Stefano A., to Merck & Co., Inc. Bioerodible poly(ortho ester) thermoplastic elastomer from diketene diacetal. 4,549,010, 10-22-85, Cl. 528-361.000.
Spargo, John D., to United States of America, Navy. Pressure balanced floating seal. 4,494,760, 1-22-85, Cl. 277-30.000.
Sparkman, David M., to Thiokol Corporation. Method of and apparatus for grinding solid organic waste material encountered in sewage waste and waste water reclamation. 4,515,317, 5-7-85, Cl. 241-5.000.
Sparks, Cecil R.; Edlund, Carl E.; and Brown, Morton E., to Southwest Research Corporation. Gas pumping system analog. 4,559,610, 12-17-85, Cl. 364-803.000.
Sparks, Conrad. Taco board. 4,494,454, 1-22-85, Cl. 99-426.000.
Sparks, David J.; Whitefoot, Keith; and Knubley, John S., to Castrol Limited. Liquid dispensing system. 4,542,836, 9-24-85, Cl. 222-27.000.
Sparks, Gregory E.; and Larson, David A., to Deere & Company. Steering pressure responsive differential lock control system. 4,523,494, 6-18-85, Cl. 74-710.500.
Sparks, John E.: *See—*
  Horn, James L.; Schwartz, Robert C.; and Sparks, John E., 4,528,725, Cl. 19-200.000.
Sparks, Joseph B.: *See—*
  Jenkins, Scott A.; and Sparks, Joseph B., 4,560,304, Cl. 405-74.000.
Sparks, Moses, Jr.: *See—*
  Ehrhart, Wendell A.; Lenox, Ronald S.; and Sparks, Moses, Jr., 4,496,674, Cl. 523-500.000.
Sparre, Preben C.: *See—*
  Loegstrup, Joergen; and Sparre, Preben C., 4,534,612, Cl. 339-255.00P.
  Logstrup, Jorgen; and Sparre, Preben C., 4,559,413, Cl. 174-163.00R.
Sparrow, Alan W.: *See—*
  Dunn, Stephen J.; and Sparrow, Alan W., 4,548,127, Cl. 92-220.000.
Spars, Byron G.; Klett, Robert J.; and Wallman, P. Henrik, to Chevron Research Company. Coking contaminated oil shale or tar sand oil on retorted solid fines. 4,507,195, 3-26-85, Cl. 208-11.00R.
Spars, Byron G.; Klett, Robert J.; and Wallman, P. Henrik, to Chevron Research Company. Process for improving quality of pyrolysis oil from oil shales and tar sands. 4,521,292, 6-4-85, Cl. 208-11.00R.
Sparta, Inc.: *See—*
  Henshaw, Philip D., 4,513,441, Cl. 382-43.000.

Spartanics, Ltd.: *See—*

Mohan, William L.; and Willits, Samuel P., 4,542,470, Cl. 364-485.000.

Spastics Society, The: *See—*

Singleton, John M., 4,542,918, Cl. 280-650.000.

Spataro, Mario: *See—*

Galli, Paolo; and Spataro, Mario, 4,521,566, Cl. 525-247.000.

Spater, Stuart S.: *See—*

Kolton, Chester; and Spater, Stuart S., 4,512,093, Cl. 40-20.00R.

Spathis, George; and Korrasik, Anita C., to Clevepak Corporation. Adjustable pull bow. 4,528,217, 7-9-85, Cl. 428-5.000.

Spatz, David M., to Chevron Research Company. Certain N,N-di-substituted-pyridine carboxamides, fungicidal compositions and fungicidal method of use. 4,504,484, 3-12-85, Cl. 514-357.000.

Spatz, David M., to Chevron Research Company. N-substituted-N'-disubstituted glycinamide fungicides. 4,532,251, 7-30-85, Cl. 514-354.000.

Spatz, David M., to Chevron Research Company. N-substituted phenoxyacetamide fungicides. 4,535,087, 8-13-85, Cl. 514-352.000.

Spatz, Gunter: *See—*

Brandes, Carlos E.; and Spatz, Gunter, 4,511,053, Cl. 215-252.000.

Spaude, Heinz-Werner, to Daimler-Benz Aktiengesellschaft. Equipment for recognizing misfiring. 4,547,734, 10-15-85, Cl. 324-395.000.

Spaugh, Randall E. Highway warning device. 4,542,709, 9-24-85, Cl. 116-63.00P.

Spaulding, Carl P. Positional control system employing induction motor and electronic braking thereof. 4,547,692, 10-15-85, Cl. 318-592.000.

Spaulding, Gail E.: *See—*

Schulz, David W.; and Spaulding, Gail E., 4,500,033, Cl. 228-219.000.

Spaulding, George E., to Wittek Industries, Inc. Hose clamp. 4,528,730, 7-16-85, Cl. 24-274.00R.

Spaulding, Mark F.; and Goehring, Richard A., to Metco, Inc. Powder feed pickup device for thermal spray guns. 4,561,808, 12-31-85, Cl. 406-118.000.

Spaunhorst, Vernon R., to McGraw-Edison Company. Time delay electric fuse. 4,517,544, 5-14-85, Cl. 337-164.000.

Spaziante, Placido M., to Panclor S.A. Process for electrolysis of sea water. 4,510,026, 4-9-85, Cl. 204-95.000.

Spaziante, Placido M.: *See—*

de Nora, Oronzio; and Spaziante, Placido M., 4,536,263, Cl. 204-98.000.

Pellegri, Alberto; and Spaziante, Placido M., 4,519,889, Cl. 204-275.000.

Speaker, Kenneth W.: *See—*

Mason, Gary R.; Speaker, Kenneth W.; Macropol, James L.; McKie, Robert A.; and Bailin, Sidney C., 4,503,499, Cl. 364-200.000.

Speaker, Lois M., to Georgia Tech Research Corporation. Method of modifying membrane surface with oriented monolayers of amphiphilic compounds. 4,554,076, 11-19-85, Cl. 210-639.000.

Speakman, John G.: *See—*

Eve, Paul L.; and Speakman, John G., 4,517,345, Cl. 526-105.000.

Spear, Dean M.: *See—*

Raley, Garland E.; and Spear, Dean M., 4,541,794, Cl. 425-290.000.

Raley, Garland E.; and Spear, Dean M., 4,543,299, Cl. 428-596.000.

Spear, Gregory T.: *See—*

Teodorescu, Marius C.; Gaspar, Alexander M.; Spear, Gregory T.; Ganea, Doina; and Skosey, John L., 4,499,186, Cl. 435-23.000.

Spear Harvesters: *See—*

Lund, William J., 4,512,145, Cl. 56-327.00A.

Spear, John W.: *See—*

Clifton, John T.; and Spear, John W., 4,501,271, Cl. 128-205.130.

Spear, John William: *See—*

Clifton, John T.; and Spear, John W., 4,501,271, Cl. 128-205.130.

Spear, Woodrow. Overlay code selection system. 4,492,487, 1-8-85, Cl. 402-79.000.

Spearhead Industries, Inc.: *See—*

Margolis, Mark D., 4,498,199, Cl. 2-69.000.

Thill, Gerald D., 4,531,475, Cl. 118-503.000.

Spearin, Elliott Y.: *See—*

DuBroff, William; Kaegi, Dennis D.; Knoerzer, Jerome J.; and Spearin, Elliott Y., 4,528,069, Cl. 201-20.000.

Spears, Danny R., to AT&T Bell Laboratories. Delivery information packet switching system. 4,550,401, 10-29-85, Cl. 370-85.000.

Spears, Harry L. Fluid pump. 4,504,199, 3-12-85, Cl. 417-456.000.

Spears, Harry L. Fluid pump. 4,531,896, 7-30-85, Cl. 417-456.000.

Spears, James E.: *See—*

Fekete, Ferenc; and Spears, James E., 4,536,169, Cl. 446-461.000.

Spears, James R., to Beth Israel Hospital Association, The. Method of treatment of atherosclerosis and a balloon catheter for same. 4,512,762, 4-23-85, Cl. 604-21.000.

Spears, Richard L.: *See—*

Nordbrock, Raymond E.; and Spears, Richard L., 4,517,507, Cl. 322-28.000.

Spease, Arthur L.: *See—*

Bennett, William G.; and Spease, Arthur L., 4,499,785, Cl. 74-501.00R.

Speca, Anthony N., to National Distillers and Chemical Corporation. Intermetallic compounds of polymeric transition metal oxide alkoxides and catalytic use thereof. 4,513,095, 4-23-85, Cl. 502-111.000.

Speca, Anthony N., to National Distillers and Chemical Corporation. Intermetallic compounds of polymeric transition metal oxide alkoxides and catalytic use thereof. 4,536,487, 8-20-85, Cl. 502-119.000.

Speca, Anthony N.; and Laib, Roger D., to National Petro Chemicals Corporation. High pore volume, high purity alumina gels containing a chromium catalyst. 4,536,489, 8-20-85, Cl. 502-162.000.

Speca, Anthony N., to National Distillers and Chemical Corporation. Intermetallic compounds of polymeric transition metal oxide alkoxides and catalytic use thereof. 4,540,680, 9-10-85, Cl. 502-119.000.

Specht, Manfred, to Ytong AG. Method and device for the continuous application of a reinforcement layer onto a porous mineral building board. 4,503,096, 3-5-85, Cl. 427-359.000.

Specht, Theodore R.; and Cham, Edward J., to Westinghouse Electric Corp. Advance and retard phase-shift transformer. 4,500,829, 2-19-85, Cl. 323-215.000.

Specht, Theodore R.: *See—*

Cham, Edward J.; and Specht, Theodore R., 4,493,016, Cl. 363-126.000.

Novak, Paul G.; and Specht, Theodore R., 4,513,243, Cl. 323-361.000.

Specht, Victor J. Variable displacement gerotor pump. 4,492,539, 1-8-85, Cl. 418-19.000.

Specht, Viktor: *See—*

Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,510,068, Cl. 252-186.290.

Rohlfs, Hans-Adolf; Kling, Alfred; Raab, Guenter; Vogt, Michael; Specht, Viktor; and Schaetzke, Ulrike, 4,526,582, Cl. 8-107.000.

Specialty Manufacturing Co.: *See—*

Latta, Joseph E., Jr., 4,559,518, Cl. 340-130.000.

Specialty Packaging Products, Inc.: *See—*

Wiles, Laurence E.; and Page, Frank C., III, 4,519,518, Cl. 215-331.000.

Specialty Systems, Inc.: *See—*

Zinsmeyer, Herbert G., 4,535,592, Cl. 60-597.000.

Specie, Roy L. Dolly system for campgrounds. 4,505,489, 3-19-85, Cl. 280-47.13R.

Specified Ceiling Systems: *See—*

McCall, Francis L., 4,542,615, Cl. 52-729.000.

Speck, F. James. Electrical cable reel. 4,558,833, 12-17-85, Cl. 242-110.100.

Speck-Kolbenpumpen-Fabrik Otto Speck KG: *See—*

Wolff, Horst; and Hani, Franz, 4,561,828, Cl. 417-307.000.

Speck, Ulrich: *See—*

Pfeiffer, Heinrich; Muetzel, Wolfgang; and Speck, Ulrich, 4,547,357, Cl. 424-5.000.

Speckhart, Frank H. Infant health monitoring system. 4,492,279, 1-8-85, Cl. 177-45.000.

Speckhart, Max, to Bosch-Siemens Hausgerate GmbH. Electromotively driven household slicing machine for food. 4,520,703, 6-4-85, Cl. 83-478.000.

Speckman, John D.: *See—*

Herron, William L.; and Speckman, John D., 4,527,494, Cl. 112-231.000.

Spector, Abner. Effects box system and method. 4,509,190, 4-2-85, Cl. 381-61.000.

Spector, Donald. Aroma disc for table lamp. 4,493,011, 1-8-85, Cl. 362-96.000.

Spector, Donald. Sound tape player having an animated character. 4,521,205, 6-4-85, Cl. 446-302.000.

Spector, Donald. Aroma-dispensing cartridge and holder assembly for automobiles. 4,523,870, 6-18-85, Cl. 98-2.110.

Spector, Donald. Rechargeable sachet. 4,535,935, 8-20-85, Cl. 239-34.000.

Spector, Donald. Aroma-generating capsule. 4,544,592, 10-1-85, Cl. 428-68.000.

Spector, Donald. Night light assembly. 4,549,250, 10-22-85, Cl. 362-96.000.

Spector, Donald. Disc-playing aroma generator. 4,556,539, 12-3-85, Cl. 422-125.000.

Spector, Dov; and Spector, Yehiel. Fire and explosion detection and suppression system and actuation circuitry therefor. 4,499,952, 2-19-85, Cl. 169-61.000.

Spector, George; and Spector, Lesley. Heated glove. 4,535,482, 8-20-85, Cl. 2-160.000.

Spector, George: *See—*

Anderson, Alan; and Spector, George, 4,513,454, Cl. 2-246.000.

Baptista, Raymond J.; and Spector, George, 4,542,597, Cl. 36-2.00R.

Barfield, Michelle D.; and Spector, George, 4,513,035, Cl. 428-11.000.

Baxter, Otela; and Spector, George, 4,546,965, Cl. 272-56.50R.

Beasley, Gary; and Spector, George, 4,510,697, Cl. 34-1.000.

Berry, James B.; and Spector, George, 4,534,185, Cl. 63-1.00R.

Christian, Eric E.; and Spector, George, 4,531,712, Cl. 254-88.000.

Clements, Ivan C.; and Spector, George, 4,557,477, Cl. 272-76.000.

Diaz, Joe; and Spector, George, 4,524,649, Cl. 81-57.130.

Eby, Jeffrey; and Spector, George, 4,509,570, Cl. 141-390.000.

Guest, Donald K.; and Spector, George, 4,558,625, Cl. 84-273.000.

Jones, Arthur P., deceased; Pirrone, Francine V., executor; Jones, Arthur A., executor; and Spector, George, 4,529,388, Cl. 441-3.000.

Josyula, Bhagavan V.; and Spector, George, 4,547,091, Cl. 402-12.000.

Klutz, Nathaniel, Jr.; and Spector, George, 4,504,407, Cl. 252-162.000.

Labick, Richard A.; and Spector, George, 4,530,129, Cl. 15-184.000.

  - Lamphere, Carla A.; and Spector, George, 4,553,921, Cl. 425-279.000.
  - Leininger, Glenn; and Spector, George, 4,512,091, Cl. 37-278.000.
  - Maclean, Ewen M.; and Spector, George, 4,557,518, Cl. 296-156.000.
  - Mariano, Kenneth E.; and Spector, George, 4,550,534, Cl. 52-19.000.
  - McNeil, Reginald K.; and Spector, George, 4,525,939, Cl. 36-7.600.
  - Papadopulos, Demetrio I.; and Spector, George, 4,548,412, Cl. 273-156.000.
  - Pedrick, Joseph F.; and Spector, George, 4,513,801, Cl. 152-213.00R.
  - Polanco, Jose R.; and Spector, George, 4,493,461, Cl. 242-96.000.
  - Robinson, Vancortland T.; and Spector, George, 4,529,962, Cl. 340-321.000.
  - Snoe, Felix C.; and Spector, George, 4,561,350, Cl. 100-98.00R.
  - Trejo, Jesse; and Spector, George, 4,532,725, Cl. 37-243.000.
  - Turpin, Robert, Sr.; and Spector, George, 4,499,456, Cl. 340-576.000.
  - Wilhelm, Stanley R.; and Spector, George, 4,519,586, Cl. 256-51.000.
  - Yogi, Seigi; and Spector, George, 4,520,525, Cl. 15-104.920.

Spector, Gilbert: *See—*
  - Saferstein, Albert; and Spector, Gilbert, 4,502,498, Cl. 132-137.000.

Spector, Lesley: *See—*
  - Spector, George; and Spector, Lesley, 4,535,482, Cl. 2-160.000.

Spector, Marshall L.; and Hong, Sun-Nan, to Air Products and Chemicals, Inc. Process for the removal of ammoniacal nitrogen in the BOD sorption zone of a wastewater treatment plant. 4,552,663, 11-12-85, Cl. 210-605.000.

Spector, Marshall L.; Hong, Sun-Nan; and Seebohm, Robert P., to Air Products and Chemicals, Inc. Avoidance of rising sludge in biological wastewater treatment clarifiers. 4,556,491, 12-3-85, Cl. 210-608.000.

Spector, Richard; and Maulding, Donald R., to American Cyanamid Company. Hetero nitrogen containing compounds and polymerms light stabilized with said compounds. 4,555,537, 11-26-85, Cl. 524-97.000.

Spector, Yehiel; and Cohen, Ilan, to Spectronix Ltd. Discrimination circuitry for fire and explosion suppression apparatus. 4,509,601, 4-9-85, Cl. 169-61.000.

Spector, Yehiel: *See—*
  - Spector, Dov; and Spector, Yehiel, 4,499,952, Cl. 169-61.000.

Spectra-Physics, Inc.: *See—*
  - Bernhardt, Anthony F., 4,551,684, Cl. 330-4.300.
  - Gevler, Arthur H., Jr.; and Teach, Ted L., 4,526,201, Cl. 137-625.630.
  - Miller, Leslie A.; and McCall, Thomas J., 4,552,513, Cl. 417-18.000.
  - Rando, Joseph F., 4,544,228, Cl. 350-6.400.

Spectra-Symbol Corporation: *See—*
  - House, V. Dean, 4,494,105, Cl. 338-114.000.

Spectracom Corp.: *See—*
  - Hesselberth, Robert J.; Donaher, Thomas P.; and Sandahl, Joel E., 4,525,685, Cl. 331-10.000.

Spectral Sciences Incorporated: *See—*
  - Bernstein, Lawrence S.; Bien, Fritz; and Jamieson, John A., 4,496,839, Cl. 250-341.000.

Spectrascan, Inc.: *See—*
  - Stoller, Milton, 4,495,949, Cl. 128-664.000.

Spectro Industries, Inc.: *See—*
  - Sebest, Albert E., 4,535,492, Cl. 5-68.000.

Spectrolab, Incorporated: *See—*
  - Lawrence, Ivan R., 4,561,541, Cl. 206-332.000.

Spectron Development Laboratories, Inc.: *See—*
  - Hess, Cecil, 4,537,507, Cl. 356-336.000.

Spectron Glass and Electronics, Incorporated: *See—*
  - Beitzer, George W., 4,536,967, Cl. 33-366.000.

Spectronics, Inc.: *See—*
  - Biard, James R.; and Elmer, Ben R., 4,529,947, Cl. 330-259.000.
  - Biard, James R.; and Elmer, Ben R., 4,545,076, Cl. 455-612.000.

Spectronix Ltd.: *See—*
  - Spector, Yehiel; and Cohen, Ilan, 4,509,601, Cl. 169-61.000.

Spectrospin AG: *See—*
  - Allemann, Martin; and Kellerhals, Hanspeter, 4,500,782, Cl. 250-291.000.
  - Ernst, Richard R.; Wuthrich, Kurt; and Macura, Slobodan, 4,510,449, Cl. 324-309.000.
  - Ernst, Richard R., 4,513,247, Cl. 324-309.000.

Spectrum Control, Inc.: *See—*
  - Venable, Thomas L.; Robinson, Geoffrey C.; and Loeslein, Raymond D., 4,516,815, Cl. 339-14.00R.

Spectrum Manufacturing Inc.: *See—*
  - Morris, James A.; Hancock, Curtis L.; and Wiley, John L., 4,532,642, Cl. 377-15.000.

Spectrum Medical Industries, Inc.: *See—*
  - Bessman, Samuel P., 4,509,695, Cl. 241-2.000.

Spectrum Sports, Inc.: *See—*
  - Leighton, Kenneth B., 4,541,184, Cl. 36-44.000.

Spedding, Michael: *See—*
  - Gittos, Maurice W.; and Spedding, Michael, 4,529,733, Cl. 514-336.000.

Speed Cut, Inc.: *See—*
  - Germond, Henry S., 4,545,274, Cl. 83-486.100.

Speed-O-Print Business Machines Corp.: *See—*
  - Samuels, Abe; Yamashita, Keitaro; and Sasaki, Yoshitaka, 4,521,184, Cl. 432-60.000.

Speed Queen Company: *See—*
  - Fey, Robert M.; and Altnau, Ronald L., 4,526,020, Cl. 68-3.00R.
  - Fey, Robert M., 4,534,188, Cl. 68-3.00R.
  - Fey, Robert M.; Woehler, Harold L.; and Manthei, Philip J., 4,535,610, Cl. 68-3.00R.

Speedco, Incorporated: *See—*
  - Estes, Donald C., 4,510,883, Cl. 118-305.000.

Speedfam Corporation: *See—*
  - Cesna, Joseph V., 4,519,168, Cl. 51-216.0LP.

Speedgrip Chuck, Inc.: *See—*
  - Norton, Gerald W., 4,504,070, Cl. 279-1.00C.

Speedy Automatic Chimney Sweep, Inc.: *See—*
  - Boehland, Burnell G.; and Coutts, Donald G., 4,505,000, Cl. 15-249.000.
  - Boehland, Burnell G.; and Coutts, Donald G., 4,512,055, Cl. 15-249.000.

Speedyplain Limited: *See—*
  - Smith, Raymond B.; and Tranter, Brian F., 4,538,501, Cl. 84-478.000.

Speeflo Manufacturing Corporation: *See—*
  - Reeves, Clarence C., 4,491,276, Cl. 239-692.000.

Speegle, Robert W. Seam pulling tool for tearing out welded seams of containers. 4,550,634, 11-5-85, Cl. 81-418.000.

Speelman, Irving A., to Propper Manufacturing Co., Inc. Suture clip. 4,505,274, 3-19-85, Cl. 128-337.000.

Speelman, Paul G. Brace device for motor boat drive unit. 4,501,561, 2-26-85, Cl. 440-61.000.

Speelman, Paul L., to Eaton Corporation. Remote manual shifting mechanism. 4,493,224, 1-15-85, Cl. 74-473.00R.

Speer, Billy L.; Burris, Lee R.; and Rogers, Jerry W., to Dayco Corporation. Belt tensioner and method of making the same. 4,525,152, 6-25-85, Cl. 474-133.000.

Speer, Billy L. Hem folding machine. 4,546,713, 10-15-85, Cl. 112-141.000.

Speer, Billy L.: *See—*
  - Burris, Lee R.; Speer, Billy L.; and Gayer, Melvin D., 4,536,172, Cl. 474-135.000.

Speer, Lawrence L. Multiple filling method of repairing damaged material. 4,510,001, 4-9-85, Cl. 156-98.000.

Speer, Robert J.; and Stewart, David P., to Bristol-Myers Company. Antitumor platinum complexes. 4,562,275, 12-31-85, Cl. 556-7.000.

Speer, Spencer J., to General Dynamics, Pomona Division. Pivotal pistol grip firing mechanism. 4,491,054, 1-1-85, Cl. 89-1.814.

Speers, Jerry M.: *See—*
  - Evans, John L.; Gehrig, George F.; and Speers, Jerry M., 4,553,429, Cl. 73-155.000.

Speers, Leonard E.; Inhofer, John D.; and Redenbarger, Philip D., to J. I. Case Company. Fan-shroud structure. 4,522,160, 6-11-85, Cl. 123-41.490.

Spees, Arthur T., to Visu-Flex Company. Compressor for microfiche cards and the like. 4,494,659, 1-22-85, Cl. 211-51.000.

Speich, Francisco, to Textilma AG. Coupling arrangement usable in a textile machine. 4,493,346, 1-15-85, Cl. 139-76.000.

Speich, Francisco, to Textilma AG. Gear unit transforming a uniform driver to a non-uniform power take-off. 4,509,380, 4-9-85, Cl. 74-394.000.

Speich, Francisco, to Textilma AG. Drive assembly for producing a nonuniform output from a uniform input. 4,518,020, 5-21-85, Cl. 139-55.100.

Speicher, Charles G.: *See—*
  - Acciai, Michael; Pigos, Charles R.; and Speicher, Charles G., 4,502,063, Cl. 346-155.000.

Speicher, Edwin W., to M. E. Cunningham Company. Multiple movement marking machine. 4,557,191, 12-10-85, Cl. 101-4.000.

Speidel, Joachim, to Tekade Felten & Guillaume Fernmeldeanlagen GmbH. Automatic and adaptive digital nonlinear decision feedback equalizer. 4,539,690, 9-3-85, Cl. 375-14.000.

Speidell, James L.: *See—*
  - Cuomo, Jerome J.; Harper, James M. E.; Kaufman, Harold R.; and Speidell, James L., 4,523,971, Cl. 156-345.000.
  - Di Milia, Vincent; Maldonado, Juan R.; Speidell, James L.; and Warlaumont, John M., 4,551,192, Cl. 156-345.000.

Speigel, Kenneth, to North American Philips Consumer Electronics Corp. Negative-working dichromate photoresist composition, process for applying it to a polymethyl methacrylate surface, and article produced. 4,556,626, 12-3-85, Cl. 430-274.000.

Speit, Burkhard; Mennemann, Karl; and Gliemeroth, Georg, to Schott Glaswerke. High absorbance Pb-containing glass for cathode ray tube picture screen. 4,520,115, 5-28-85, Cl. 501-60.000.

Speit, Burkhard: *See—*
  - Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,508,834, Cl. 501-73.000.
  - Mennemann, Karl; Gliemeroth, Georg; Ross, Ludwig; Speit, Burkhard; Geiler, Volkmar; Krolla, Hans-Georg; and Meckel, Lothar, 4,562,161, Cl. 501-59.000.

Spekner, Fritz, to Steyr-Daimler-Puch Aktiengesellschaft. Two-wheeled vehicle. 4,529,216, 7-16-85, Cl. 280-281.00R.

Spektor, Jury N.; Gaponov, Valery M.; and Masovich, Felix Z., to Gosudarstvenny Proektno-Konstruktorsky I Experimentalny Institut Ugolnogo Mashinostroenia. Mining machine for extraction of minerals. 4,508,391, 4-2-85, Cl. 299-43.000.

Spelber, Leonard G.: *See—*
  - Tucker, Abraham I.; and Spelber, Leonard G., 4,553,560, Cl. 137-218.000.

- Speldrich, Werner: *See—*
  - Morz, Gunter; and Speldrich, Werner, 4,533,887, Cl. 333-256.000.
- Spellar, Peter C.: *See—*
  - Murphy, David A.; and Spellar, Peter C., 4,516,914, Cl. 417-282.000.
  - Murphy, David A.; and Spellar, Peter C., 4,519,748, Cl. 417-45.000.
  - Murphy, David A.; and Spellar, Peter C., 4,548,549, Cl. 417-53.000.
- Speller, David J.: *See—*
  - Ross, Richard J.; and Speller, David J., 4,498,536, Cl. 166-250.000.
  - Ross, Richard J.; and Speller, David J., 4,552,218, Cl. 166-319.000.
- Spellman, Gordon B.: *See—*
  - Cartz, Louis; Weiss, Arnold; Schutten, Herman P.; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,504,964, Cl. 378-119.000.
  - Jaskolski, Stanley V.; Schutten, Herman P.; Spellman, Gordon B.; Sedivy, Jan K.; and Jensen, Maurice W., 4,516,144, Cl. 357-27.000.
  - Lade, Robert W.; Jaskolski, Stanley V.; Schutten, Herman P.; and Spellman, Gordon B., 4,529,998, Cl. 357-38.000.
  - Weiss, Arnold; Schutten, Herman P.; Cartz, Louis; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,536,884, Cl. 378-119.000.
- Spellman, Stanley. Refuse bag frame for vacuum cleaners. 4,531,258, 7-30-85, Cl. 15-327.00R.
- Spence, David C.; and Schwartz, William A., to Air Products and Chemicals, Inc. Heat balance control in catalytic dehydrogenation of isobutane. 4,560,824, 12-24-85, Cl. 585-662.000.
- Spence, David C.: *See—*
  - Gussow, Stanley; Spence, David C.; and Schwartz, William A., 4,558,168, Cl. 585-324.000.
- Spence Engineering Company: *See—*
  - Hoffmann, Rudolf H., 4,561,458, Cl. 137-2.000.
- Spence, J. Ronald, to Phillips Petroleum Company. Stirred vortex tank reactor and method of CO_2 addition for producing overbased petroleum sulfonate. 4,541,940, 9-17-85, Cl. 252-33.000.
- Spence, J. Ronald; and Jack, Douglas S., to Phillips Petroleum Company. Precarbonation in overbasing calcium petroleum sulfonates. 4,543,194, 9-24-85, Cl. 252-33.000.
- Spence, John R.; and Yamamura, Michael M., to Rockwell International Corporation. Clocked tri-state driver circuit. 4,504,745, 3-12-85, Cl. 307-473.000.
- Spence, John R., to Rockwell International Corporation. MOS voltage comparator and method. 4,549,100, 10-22-85, Cl. 307-362.000.
- Spence, Lewis C., to Ohl, John P. Internal combustion engine. 4,552,106, 11-12-85, Cl. 123-198.00A.
- Spence, Randy D.: *See—*
  - Hexamer, Donald L.; Spence, Randy D.; and Hesselberg, Johnny, 4,498,047, Cl. 324-158.00F.
- Spence, Robert L. Spool retaining device. 4,534,522, 8-13-85, Cl. 242-172.000.
- Spencer, Alwyn, to Ciba-Geigy Corporation. Process for the preparation of styrene derivatives and/or stilbene derivatives. 4,533,505, 8-6-85, Cl. 260-465.00R.
- Spencer, Arthur T.: *See—*
  - Brown, George L.; and Spencer, Arthur T., 4,547,535, Cl. 523-404.000.
  - Chu, Shaw C.; and Spencer, Arthur T., 4,501,831, Cl. 523-412.000.
- Spencer, Billie M.: *See—*
  - Pike, Lawrence W.; Zscheile, John W., Jr.; and Spencer, Billie M., 4,513,285, Cl. 343-5.0PN.
- Spencer, Byron A. T., to Lucas Industries Inc. Devices for controlling flow of fluid under pressure. 4,519,417, 5-28-85, Cl. 137-501.000.
- Spencer, David E., to Square D Company. Self-anchoring poke-thru wiring device. 4,496,790, 1-29-85, Cl. 174-48.000.
- Spencer, Donald M.: *See—*
  - Wieland, Kurt H.; Spencer, Donald M.; and Kinsell, Robert C., 4,503,683, Cl. 62-86.000.
- Spencer, Douglas A.: *See—*
  - Hartmann, Philip W.; Kohs, Dwight W.; Spencer, Douglas A.; and Turnbow, Garry V., 4,510,596, Cl. 370-58.000.
- Spencer, Dudley W. C., to Du Pont de Nemours, E. I., and Company. Sterile docking process, apparatus and system. 4,507,119, 3-26-85, Cl. 604-280.000.
- Spencer, Dudley W. C. Sterile docking process, apparatus and system. 4,516,971, 5-14-85, Cl. 604-280.000.
- Spencer, Harvey J., to Paper Converting Machine Company. Method and apparatus for manufacturing a product having elastic means disposed in a direction transverse to product movement. 4,523,969, 6-18-85, Cl. 156-161.000.
- Spencer, Harvey J.: *See—*
  - Ecker, Harold; and Spencer, Harvey J., 4,520,728, Cl. 101-248.000.
- Spencer, Herbert J. C., to Telspec Limited. Sealing of electrical cable joints, equipment housings, or the like. 4,527,804, 7-9-85, Cl. 277-1.000.
- Spencer, John E.; Greene, Reginald S.; and Fisher, Terrence L., to Eastman Kodak Company. Camera mechanism. 4,492,443, 1-8-85, Cl. 354-121.000.
- Spencer, Joseph, to Cardiac Recorders Limited. Cardiac defibrillator. 4,510,935, 4-16-85, Cl. 128-419.00D.
- Spencer, Kenneth B.: *See—*
  - Caner, Ali R.; and Spencer, Kenneth B., 4,542,029, Cl. 426-127.000.
- Spencer, Kenneth E.; and Schmitt, Dallas L., to Lukens General Industries, Inc. Means for supporting third rail collector gear and the like on inside bearing railway trucks. 4,526,108, 7-2-85, Cl. 105-182.00E.
- Spencer, Kenneth E.: *See—*
  - Schmitt, Dallas L.; and Spencer, Kenneth E., 4,554,875, Cl. 105-221.00R.
- Spencer, Phillip B.: *See—*
  - Drutchas, Gilbert H.; and Spencer, Phillip B., 4,516,918, Cl. 418-15.000.
- Spencer, Robert A., Jr., to Surface Technology, Inc. Electroless metal coatings incorporating particulate matter of varied nominal sizes. 4,547,407, 10-15-85, Cl. 427-367.000.
- Spencer, Robert E.; and Clarke, Donald L., to Owens-Corning Fiberglas Corporation. Low tantalum content cobalt-base alloy. 4,497,771, 2-5-85, Cl. 420-440.000.
- Spencer-Watkins, Harry C.: *See—*
  - Stratford, Michael G.; and Spencer-Watkins, Harry C., 4,550,745, Cl. 137-99.500.
- Spencer, William; and Jackovich, Melvin C., to Sundstrand Corporation. Detector for shorted rotating diode of a brushless alternator. 4,528,493, 7-9-85, Cl. 322-99.000.
- Spencer, William; and Jackovich, Melvin C., to Sundstrand Corporation. Detector for shorted rotating diode of a brushless alternator. 4,559,486, 12-17-85, Cl. 322-99.000.
- Spencer, William H.; and Anderberg, Thomas E., to Bell & Howell Company. Bus system architecture and microprocessor system. 4,514,799, 4-30-85, Cl. 364-200.000.
- Spencer Wright Industries, Inc.: *See—*
  - Aldridge, R. Warren, Jr., 4,523,499, Cl. 82-4.00A.
  - Beverly, Ian, 4,522,139, Cl. 112-273.000.
  - Ingram, Gary L., 4,499,835, Cl. 112-79.00R.
  - Ingram, Gary L., 4,515,096, Cl. 112-79.00R.
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  - Ingram, Gary L.; and Slattery, Ian, 4,557,208, Cl. 112-266.200.
  - Ingram, Gray L., 4,491,078, Cl. 112-79.00R.
  - Price, Herbert B.; and Slattery, Ian, 4,548,140, Cl. 112-79.00R.
  - Slattery, Ian, 4,501,212, Cl. 112-266.200.
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  - Slattery, Ian, 4,528,921, Cl. 112-79.00R.
- Spendel, Siegmund: *See—*
  - Seitz, Hans; Frerichs, Udo; Rach, Heinz-Dieter; and Spendel, Siegmund, 4,516,617, Cl. 157-1.000.
- Spendel, Wolfgang U., to Procter & Gamble Company, The. Packaged detergent composition with instructions for use in a laundering process. 4,555,019, 11-26-85, Cl. 206-223.000.
- Spengler, Adolf; and Hasenhundl, Josef, to Eirich, Hubert; Eirich, Paul; and Eirich, Walter. Apparatus for closing a discharge opening in a rotary table. 4,516,859, 5-14-85, Cl. 366-77.000.
- Spengler, Charles W. Free-standing environmental chambers supported by plenum. 4,528,941, 7-16-85, Cl. 119-15.000.
- Spengler, Ernst M., to Stanztechnik GmbH R & S. System for manufacturing three-dimensional work pieces. 4,508,499, 4-2-85, Cl. 425-88.000.
- Spengler, Ernst M., to Stanztechnik GmbH R & S. Apparatus for manufacturing three-dimensional work pieces. 4,519,766, 5-28-85, Cl. 425-302.100.
- Spengler, Walter. Apparatus for conditioning a space by gas ionization. 4,528,612, 7-9-85, Cl. 361-213.000.
- Spengler, Walter, to Electronova S.A. Printing unit with an electrostatic printing aid comprising electrodes contained in a lid structure. 4,539,908, 9-10-85, Cl. 101-426.000.
- Spengler, William E.; and Ramsey, William C., to Tolco Corporation. Portable pressure sprayer. 4,537,334, 8-27-85, Cl. 222-401.000.
- Speno International S.A.: *See—*
  - Panetti, Romolo, 4,492,059, Cl. 51-178.000.
  - Panetti, Romolo, 4,531,837, Cl. 356-376.000.
  - Panetti, Romolo, 4,541,182, Cl. 33-560.000.
  - Panetti, Romolo, 4,548,070, Cl. 73-105.000.
- Spensley, Robert H.: *See—*
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- Speraggi, Marcello, to Honeywell Information Systems Italia. Serial printer provided with cutter. 4,504,162, 3-12-85, Cl. 400-621.000.
- Speranza, Donald, to Eaton Corporation. Low-power acoustic injector drive circuit with enhanced turn-on. 4,537,353, 8-27-85, Cl. 239-102.000.
- Speranza, George P.; and Grigsby, Robert A., Jr., to Texaco Inc. Water soluble polyethylene terephthalate derivatives. 4,503,197, 3-5-85, Cl. 525-437.000.
- Speranza, George P.; and Grigsby, Robert A., Jr., to Texaco Inc. Ultraviolet light stabilizing sterically hindered polyoxyalkylene amines. 4,526,972, 7-2-85, Cl. 546-191.000.
- Speranza, George P.; and Cuscurida, Michael, to Texaco Inc. Polyether polyols from mixed initiators. 4,528,112, 7-9-85, Cl. 252-182.000.
- Speranza, George P.; Cuscurida, Michael; and Dominguez, Richard J. G., to Texaco Inc. Rim elastomers made from terephthalate polyester polyol derived polymer polyols. 4,540,768, 9-10-85, Cl. 528-79.000.
- Speranza, George P.: *See—*
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  - Cuscurida, Michael; and Speranza, George P., 4,525,488, Cl. 521-164.000.
  - Grigsby, Robert A., Jr.; Speranza, George P.; Brennan, Michael E.; and Yeakey, Ernest L., 4,536,522, Cl. 521-172.000.
  - Sellstrom, Kathy B.; and Speranza, George P., 4,514,530, Cl. 523-456.000.
- Speranzin, Claudio: *See—*
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  - Bertoli, Luciano; Badiali, Roberto; and Speranzin, Claudio, 4,545,191, Cl. 57-22.000.
- Sperber, Franz: *See—*
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- Sperber, Henry. Reduced fiber insulation nozzle. 4,530,468, 7-23-85, Cl. 239-419.300.
- Sperinde, Johnie M.; Goldring, Stanley D.; and Miller, Dean T., to Oximetrix, Inc. Apparatus for determining oxygen saturation levels in blood. 4,523,279, 6-11-85, Cl. 364-416.000.
- Sperner, Franz: *See—*
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- Speronello, Barry K.: *See—*
  - Andrews, Robert W.; Himpsl, Francis L.; Horvath, Eugene B.; and Speronello, Barry K., 4,520,119, Cl. 502-67.000.
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- Sperry Corporation: *See—*
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  - Andersen, David P.; Hedin, Raymond C.; and Siebenand, John F., 4,550,425, Cl. 381-30.000.
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  - Bennett, Donald B.; Thorsrud, Lee T.; and Petschauer, Thomas W., 4,500,988, Cl. 370-85.000.
  - Bennett, Donald B.; and Esch, John W., 4,506,325, Cl. 364-200.000.
  - Benrud, Vernal M., 4,498,058, Cl. 330-300.000.
  - Berger, John G., 4,530,027, Cl. 361-92.000.
  - Blakeslee, Edward A., 4,512,140, Cl. 56-11.600.
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  - Blakeslee, Edward A., 4,522,018, Cl. 56-181.000.
  - Buckner, Arthur B.; Davies, Michael L.; and Weber, Lawrence W., 4,517,880, Cl. 98-1.000.
  - Burns, Gary D.; and Schaber, Scott D., 4,523,314, Cl. 371-38.000.
  - Burns, Gary D.; Mackenthun, Donald W.; and Schaber, Scott D., 4,528,665, Cl. 371-51.000.
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  - Campbell, Steven J.; Stickley, Keith A.; and Klingensmith, David R., 4,505,279, Cl. 130-27.00T.
  - Campbell, Willis R.; Hunt, Larry J.; and Waldrop, T. William, 4,508,359, Cl. 280-463.000.
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  - Campbell, Willis R.; and Walker, James D., 4,517,890, Cl. 100-5.000.
  - Carnewal, Jose A. C. L.; and Van Overschelde, Daniel M., 4,552,547, Cl. 474-101.000.
  - Champagne, Patrick J.; and Caletti, Robert H., 4,529,324, Cl. 384-518.000.
  - Chase, Karl L., 4,524,353, Cl. 340-732.000.
  - Chen, Tsu F.; and Phillips, Edwin R., 4,507,834, Cl. 29-26.00R.
  - Chi, Chao S., 4,544,961, Cl. 360-40.000.
  - Clark, Thomas E.; and Burilla, Charles T., 4,513,025, Cl. 427-68.000.
  - Clark, Thomas R.; and Griffith, Carl D., 4,551,804, Cl. 364-434.000.
  - Cloke, Robert L., 4,506,236, Cl. 333-19.000.
  - Cohn, Martin; Jacoby, George V.; and Vinding, Jorgen P., 4,551,773, Cl. 360-40.000.
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  - Crocker, David R.; Stelling, Desi D.; and Larson, Francis W., 4,524,443, Cl. 370-112.000.
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  - Currie, Thomas P.; and Zbinden, Terry B., 4,504,156, Cl. 374-45.000.
  - Currie, Thomas P., 4,561,006, Cl. 357-28.000.
  - Davidson, Dale D., 4,536,689, Cl. 318-565.000.
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  - DeCoene, Frans J. G. C., 4,520,721, Cl. 100-88.000.
  - DeCoene, Frans J. G. C., 4,549,480, Cl. 100-88.000.
  - de Jong, Joannes N. M.; and Earle, Richard L., 4,551,699, Cl. 336-135.000.
  - DeKarske, Clarence W.; and Wilcoski, Thomas M., 4,560,939, Cl. 328-72.000.
  - Dekeyzer, Marcel A., 4,510,948, Cl. 130-27.00R.
  - Dettmer, Jay R., 4,553,214, Cl. 364-521.000.
  - De Vilder, Rudy J. C.; and Gryspeerdt, Jose G. T., 4,531,348, Cl. 56-11.600.
  - Devriese, Thierry E. G., 4,510,947, Cl. 130-27.00B.
  - Duncan, Damon H., 4,498,340, Cl. 73-504.000.
  - Ehrhart, Philip J.; Makofka, Stanley J.; and McLean, Kenneth W., 4,531,349, Cl. 56-13.600.
  - Fabian, Walter; and Spooner, Frank H., 4,499,656, Cl. 29-576.00E.
  - Fagnani, Matthew V., Jr.; and Martenas, Wayne B., 4,506,840, Cl. 241-101.700.
  - Fedde, George A.; and Kirk, Kenneth H., 4,510,683, Cl. 29-701.000.
  - Fisher, Paul A., 4,532,504, Cl. 340-739.000.
  - Frew, John W.; and Robbins, Kenneth W., 4,516,861, Cl. 368-120.000.
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  - Gaglione, Stanley; and Stangel, John J., 4,532,518, Cl. 343-372.000.
  - Gershenson, Meir, 4,509,018, Cl. 330-61.00R.
  - Greiner, James G.; and Priepke, Edward H., 4,495,756, Cl. 56-364.000.
  - Grothe, Steven P., 4,511,892, Cl. 340-739.000.
  - Hamstra, James R.; and Swenson, Robert E., 4,530,054, Cl. 364-200.000.
  - Hamstra, James R.; and Hanson, Merlin L., 4,530,055, Cl. 364-200.000.
  - Hamstra, James R.; and Moulton, Robert K., 4,530,088, Cl. 370-110.100.
  - Hanson, David G.; and Francis, Robert E., 4,504,827, Cl. 340-723.000.
  - Harkness, John C., 4,494,064, Cl. 323-277.000.
  - Heidel, Jeffrey C.; and Swartz, Harold L., 4,531,300, Cl. 33-366.000.
  - Heidel, Jeffrey C.; Hoogervorst, Thomas R.; Lane, Lynn R.; and Swartz, Harold L., 4,547,972, Cl. 33-366.000.
  - Henry, James W., 4,517,891, Cl. 100-88.000.
  - Hyman, Myles; Sheehan, Ronald T.; and Rowland-Hill, E. William, 4,557,276, Cl. 130-27.0AE.
  - Isenberg, Gerry E.; Forshey, Terry L.; and Keller, Robert D., Jr., 4,515,353, Cl. 266-236.000.
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  - Jacoby, George V.; and Schwartz, Allan A., 4,544,963, Cl. 360-40.000.
  - Jillie, Don W.; and Smith, Lawrence N., 4,554,567, Cl. 357-5.000.
  - Jillie, Don W., Jr.; and Smith, Lawrence N., 4,498,228, Cl. 29-577.00C.
  - Josephs, Richard M.; and Wang, Tsing-Chow, 4,501,975, Cl. 307-277.000.
  - Kanamuller, Franz X.; and Phillips, Edwin R., 4,493,993, Cl. 250-222.100.
  - Kersch, Dennis R.; and Mitchell, Don E., 4,506,108, Cl. 174-52.0FP.
  - Kline, Charles M., 4,519,209, Cl. 60-433.000.
  - Kline, Charles M., 4,527,655, Cl. 180-246.000.
  - Koch, Earl E., 4,558,560, Cl. 56-228.000.
  - Kregness, Glen R., 4,523,210, Cl. 364-760.000.
  - Kregness, Glen R.; Criswell, Peter B.; and DeKarske, Clarence W., 4,556,978, Cl. 371-49.000.
  - Kritz, Jacob A., 4,551,826, Cl. 367-150.000.
  - Kroger, Harry; Jillie, Don W.; and Smith, Lawrence N., 4,536,414, Cl. 427-38.000.
  - Kroger, Harry, 4,536,781, Cl. 357-5.000.
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  - Kush, Stephen T.; and Meffe, Marc E., 4,525,626, Cl. 250-227.000.
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  - Lee, Patrick G.; Bean, Donald E.; and Jones, Randy T., 4,517,567, Cl. 343-17.700.
  - Lefevre, Donald K.; Dennis, Patrick W.; and Seegmiller, Dennis F., 4,513,290, Cl. 343-745.000.
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  - Liepa, Arnolds E., 4,520,439, Cl. 364-200.000.
  - Liesegang, Terrence R., 4,531,081, Cl. 318-632.000.
  - Lieu, Dennis K.; and Cooper, Larry, 4,499,736, Cl. 62-3.000.
  - Lindblom, Curtis H., 4,558,608, Cl. 74-376.000.
  - Linde, Gilbert W., 4,555,061, Cl. 239-675.000.
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  - Lustig, Claude D., 4,509,045, Cl. 340-794.000.
  - Lustig, Claude D., 4,553,143, Cl. 340-719.000.
  - Maine, Reuben E., 4,532,637, Cl. 375-10.000.
  - Mann, Harry F., 4,527,381, Cl. 56-209.000.
  - Manning, Bennett W.; Slechta, Leo J., Jr.; and Wen, Kuo Y., 4,504,907, Cl. 364-200.000.
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  - McDorman, Thomas W.; and Myers, David K., 4,561,035, Cl. 360-137.000.
  - McLean, Kenneth W., 4,499,711, Cl. 56-13.600.
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  - McMahon, Donald H.; and Spillman, William B., Jr., 4,518,857, Cl. 250-225.000.
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  - Mick, Perry J., 4,547,797, Cl. 358-27.000.
  - Miller, Harry, 4,494,210, Cl. 364-567.000.
  - Mittal, Faquir C.; and Solis, Charles R., 4,551,787, Cl. 361-387.000.
  - Moore, David J.; Byers, Larry L.; Kurth, Duane G.; Bordsen, Donald T.; Honkomp, John R.; Todd, Bruce C.; and Malek, Robert M., 4,546,430, Cl. 364-200.000.
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Sasscer, Lawrence D., 4,523,206, Cl. 364-200.000.
Schaefer, Martin A.; and Sawayda, David J., 4,542,433, Cl. 361-92.000.
Scheuneman, James H., 4,531,213, Cl. 371-3.000.
Schomburg, John R., 4,549,280, Cl. 364-738.000.
Schultz, Dale E., 4,554,664, Cl. 371-25.000.
Scott, Fred J.; and Walker, Gary W., 4,534,608, Cl. 339-91.00R.
Scotto, Dominick P., 4,517,749, Cl. 33-346.000.
Seymour, Shaun A.; and Greiner, James G., 4,498,830, Cl. 414-24.600.
Seymour, Shaun A., 4,561,781, Cl. 366-132.000.
Sheehan, Ronald T.; Rowland-Hill, E. William; and Bohman, Carl E., 4,527,241, Cl. 364-424.000.
Sheehan, Ronald T.; and Hyman, Myles, 4,548,214, Cl. 130-27.0AE.
Shelly, Randolph D., 4,536,733, Cl. 336-182.000.
Shenberger, Paul S.; Walker, James D., and Campbell, Willis R., 4,505,197, Cl. 100-5.000.
Sheppard, John E., 4,533,624, Cl. 430-312.000.
Smith, Lawrence N., 4,499,119, Cl. 427-63.000.
Smith, Lawrence N., 4,536,780, Cl. 357-5.000.
Solie, Leland P., 4,556,949, Cl. 364-821.000.
Soref, Richard A.; and McMahon, Donald H., 4,516,837, Cl. 350-347.00V.
Spillman, William, Jr.; Soref, Richard A.; and Sanford, Norman A., 4,547,262, Cl. 156-659.100.
Spillman, William B., Jr., 4,556,791, Cl. 250-225.000.
Steele, Thomas S., 4,540,228, Cl. 339-74.00R.
Strubbe, Gilbert J. I., 4,513,562, Cl. 56-10.200.
Swartz, Harold L.; Hoogervorst, Thomas R.; and Lane, Lynn R., 4,503,622, Cl. 33-366.000.
Swenson, Robert E.; Sasscer, Lawrence D.; and Robinson, Don M., 4,523,275, Cl. 364-200.000.
Tarbuck, Robert R., 4,548,111, Cl. 83-196.000.
Teyssier, Emil G., Jr., 4,494,948, Cl. 493-11.000.
Underhill, Kenneth R., 4,514,968, Cl. 56-341.000.
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Wahlquist, Clayton C., 4,516,118, Cl. 340-703.000.
Walker, James D.; Underhill, Kenneth R.; and Campbell, Willis R., 4,517,889, Cl. 100-5.000.
Walker, James D., 4,530,279, Cl. 100-5.000.
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Webster, Emmett G.; and McLean, Kenneth W., 4,519,188, Cl. 56-16.400.
Welch, Terry A., 4,558,302, Cl. 340-347.0DD.
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Witdoek, Daniel C.; and Dhont, Andre G. J., 4,511,348, Cl. 474-109.000.
Wronski, Steve; Albright, John E.; and Carlson, Jeffrey J., 4,502,823, Cl. 409-134.000.
Young, Peter L., 4,496,648, Cl. 430-312.000.
Zbinden, Terry B., 4,504,782, Cl. 324-73.0PC.
Zbinden, Terry B., 4,527,075, Cl. 307-265.000.

Sperry-Sun, Inc.: *See—*
  Jackson, Joshua M., 4,505,155, Cl. 73-151.000.

Sperzel, Wolfgang; and Sturmer, Johann, to Leybold-Heraeus GmbH. Auxiliary-voltage source for supplying electric circuits which are at a high potential. 4,525,652, 6-25-85, Cl. 315-307.000.

Speth, Peter J. Windshield wiper adapter. 4,553,283, 11-19-85, Cl. 15-250.320.

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  Morrow, Robert J. P., 4,519,705, Cl. 356-138.000.

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  Strekalou, Genrikhn; Shtyrin, Anatoly S.; Matveen, Viktor I.; Maryanchik, Mikhail A.; and Garibov, Genrikh S., 4,492,848, Cl. 219-127.000.

Spetsialnoe Konstruktorskoe Bjuro Seismicheskoi Tekhniki: *See—*
  Gnatchenko, Viktor V.; Makarov, Nikolai P.; Shaginian, Albert S.; Asan-Dzhalalov, Alexei G.; Pevnev, Anatoly A.; Panteleev, Valery A.; Androsenko, Alexandr P.; Davidenko, Nikolai I.; Mochalova, Zoya N.; and Palkin, Leonid N., 4,515,045, Cl. 81-429.000.

Spetsialnoe Konstruktorskoe Bjuro "Transprogress": *See—*
  Alexandrov, Adolf M.; Bulginov, Evgeny F.; Yashin, Jury A.; and Kiselev, Igor V., 4,547,099, Cl. 406-149.000.

Spetsialnoe Proektno-Konstruktorskoe I Tekhnologiches-Koe Bjuro: *See—*
  Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.

Spevack, Jerome S. Heat conversion system. 4,519,441, 5-28-85, Cl. 165-1.000.
Spevack, Jerome S. System for producing steam and mechanical energy from a hydrothermal flow. 4,530,211, 7-23-85, Cl. 60-641.500.
Spevack, Jerome S., to Deuterium Corporation. Purification of geothermal steam containing boron, arsenic or mercury. 4,532,114, 7-30-85, Cl. 423-210.000.

Spevak, Frank: *See—*
  O'Brien, James W.; and Spevak, Frank, 4,495,252, Cl. 428-555.000.

Spica S.p.A.: *See—*
  Nierga, Manuel R., 4,505,247, Cl. 123-500.000.
  Roca-Nierga, Manuel; and Lenzi, Giuliano, 4,502,445, Cl. 123-458.000.
  Roca Nierga, Manuel, 4,535,745, Cl. 123-502.000.
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Spicar, Erich: *See—*
  Persson, Bo G.; and Spicar, Erich, 4,552,990, Cl. 174-117.0FF.

Spicer, Denis F., to Texas Instruments Incorporated. Magnetic quadripole. 4,538,127, 8-27-85, Cl. 335-210.000.
Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., to United States of America, Energy. Method of detecting sulfur dioxide. 4,499,190, 2-12-85, Cl. 436-122.000.
Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., to United States of America, Energy. Method of using a nuclear magnetic resonance spectroscopy standard. 4,529,710, 7-16-85, Cl. 436-173.000.

Spicer, William E.: *See—*
  Smallbrook, Henry C.; and Spicer, William E., 4,550,460, Cl. 7-164.000.

Spickett, Robert G. W.; Mauri, Jacinto M.; and Puchades, Jesus E. B., to Anphar S.A. Basic aluminum magnesium carbonate. 4,560,545, 12-24-85, Cl. 423-430.000.

Spickett, Robert G. W.: *See—*
  Soto, Jose M. P.; Noverola, Armando V.; Mauri, Jacinto M.; and Spickett, Robert G. W., 4,550,116, Cl. 514-327.000.

Spider Staging, Inc.: *See—*
  Fisher, Harry S., 4,496,027, Cl. 182-142.000.
  Leivestad, Ole E., 4,538,705, Cl. 182-142.000.

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  Chabrier, Gilbert, 4,514,245, Cl. 156-161.000.

Spiegal, Arnold, to Polaroid Corporation. Photographic products and processes providing a negative image. 4,530,898, 7-23-85, Cl. 430-403.000.

Spiegel, Erwin: *See—*
  Kloppe, Herbert; Spiegel, Erwin; and Vogt, Hans, 4,559,274, Cl. 428-594.000.

Spiegel, Leo: *See—*
  Sharp, Harper E.; Spiegel, Leo; Masters, Richard M.; Frey, Elmer J.; Howatt, John R.; and Walker, Gary E., 4,537,067, Cl. 73-151.000.
  Walker, Gary E.; Spiegel, Leo; Shuman, Anthony J.; and Kirtley, James L., Jr., 4,550,228, Cl. 179-115.00V.

Spiegel, Martin A.; and Roberts, Franklin D., to Mr. Gasket Company. Steel wheel with decorative cover. 4,511,183, 4-16-85, Cl. 301-37.00S.
Spiegel, Martin A.; and Weld, Greg, to Mr. Gasket Company. Non-ferrous wheel center with chromed steel cover. 4,530,542, 7-23-85, Cl. 301-37.00R.

Spiegel, Nikolaus: *See—*
  Fischer, Rudolf; and Spiegel, Nikolaus, 4,499,760, Cl. 73-159.000.

Spiegler, Wolfgang: *See—*
  Becker, Rainer; Theobald, Hans; Schirmer, Ulrich; Spiegler, Wolfgang; Seufert, Walter; and Wuerzer, Bruno, 4,500,340, Cl. 71-90.000.
  Jahn, Dieter; Becker, Rainer; Keil, Michael; Spiegler, Wolfgang; and Wuerzer, Bruno, 4,545,806, Cl. 71-88.000.
  Rentzea, Costin; Spiegler, Wolfgang; and Jung, Johann, 4,515,616, Cl. 71-76.000.

Spieker, David A.: *See—*
  Neet, Thomas E.; and Spieker, David A., 4,505,973, Cl. 428-317.900.

Spiel, Albert, to Nabisco Brands, Inc. Rye flavoring. 4,560,573, 12-24-85, Cl. 426-622.000.

Spielau, Paul; Fassbender, Helmut; and Weiss, Richard, to Dynamit Nobel Aktiengesellschaft. Laminate based on epoxy resin for printed circuits. 4,550,051, 10-29-85, Cl. 428-285.000.
Spielau, Paul: *See—*
Kuhnel, Werner; Putz, Peter; Simm, Manfred; and Spielau, Paul, 4,511,619, Cl. 428-215.000.
Neuschaeffer, Karl H.; Spielau, Paul; Zoche, Gunter; and Engels, Hans-Werner, 4,533,393, Cl. 106-18.120.
Spielberger, Richard K.: *See—*
Dunaway, Thomas J.; Spielberger, Richard K.; and Wittenberger, John C., 4,528,446, Cl. 250-216.000.
Spieldiener, Reinhold: *See—*
Spieldiener, Robert; Spieldiener, Reinhold; and Saiko, Alfons, 4,516,943, Cl. 441-35.000.
Spieldiener, Robert; Spieldiener, Reinhold; and Saiko, Alfons, 4,543,886, Cl. 104-53.000.
Spieldiener, Robert; Spieldiener, Reinhold; and Saiko, Alfons. Amusement ride raft. 4,516,943, 5-14-85, Cl. 441-35.000.
Spieldiener, Robert; Spieldiener, Reinhold; and Saiko, Alfons, to Intamin Inc. Amusement ride including a rotating loading terminal. 4,543,886, 10-1-85, Cl. 104-53.000.
Spielman, Rick B.: *See—*
Vigil, Samuel A.; and Spielman, Rick B., 4,516,043, Cl. 310-11.000.
Spielmann, Norbert; and Bauer, Hermann, to FAG Kugelfischer Georg Schafer (KAaA). Lock for transmitter cylinder of hydraulic system. 4,531,452, 7-30-85, Cl. 92-168.000.
Spielmann, Norbert: *See—*
Dirauf, Otmar; and Spielmann, Norbert, 4,491,204, Cl. 188-73.380.
Spielvogel, Bernard F.: *See—*
McPhail, Andrew T.; Spielvogel, Bernard F.; and Hall, Iris H., 4,550,186, Cl. 556-8.000.
Spiertz, Elisabeth J.: *See—*
Vollenbroek, Franciscus A.; and Spiertz, Elisabeth J., 4,499,177, Cl. 430-311.000.
Spies, Alfons, to Dr. Johannes Heidenhain GmbH. Error correction system for position measuring instruments. 4,490,914, 1-1-85, Cl. 33-125.00R.
Spies, Heinz-Hermann: *See—*
Minner, Willy; Spies, Heinz-Hermann; and Domland, Christoph, 4,558,675, Cl. 123-427.000.
Spies, Volker: *See—*
Jorgensen, Peter; Molbaek, Jens J.; Spies, Volker; Dyhr-Mikkelsen, Poul C.; and Dam, Poul S., 4,527,595, Cl. 138-43.000.
Spiesman, Robert L.: *See—*
Kozlik, Tony J.; and Spiesman, Robert L., 4,542,420, Cl. 360-42.000.
Spiess, Ernst: *See—*
Seibert, Karl; Neumann, Klaus; Spiess, Ernst; and Bruil, Hendrik G., 4,521,326, Cl. 252-174.210.
Spiess, Karl-Heinz: *See—*
Simon, Manfred; Spiess, Karl-Heinz; and Weiss, Richard, 4,520,063, Cl. 428-195.000.
Spieth, Manfred: *See—*
Rumpp, Gerhard; Spieth, Manfred; and Scholz, Dieter, 4,491,444, Cl. 409-234.000.
Spietschka, Ernst; and Urban, Manfred, to Hoechst Aktiengesellschaft. Process for the preparation of perylene-3,4,9,10-tetracarboxylic acid N,N'-dialkyldiimide pigments. 4,496,731, 1-29-85, Cl. 546-37.000.
Spietschka, Ernst; and Troster, Helmut, to Hoechst Aktiengesellschaft. Monoalkali metal salts of perylene-3,4,9,10-tetracarboxylic acid monoanhydride and process for their manufacturing. 4,501,906, 2-26-85, Cl. 549-232.000.
Spiewak, John W.: *See—*
Page, Geoffrey A.; Tokoli, Emery G.; Cosgrove, Robert T.; and Spiewak, John W., 4,557,868, Cl. 260-245.890.
Spiewok, Leonhard: *See—*
Hoffmann, Ernst H.; Arendt, Hans F.; Spiewok, Leonhard; and Rettich, Jakob, 4,517,695, Cl. 8-158.000.
Rettich, Jakob; and Spiewok, Leonhard, 4,513,464, Cl. 8-159.000.
Spigarelli, Donald J.; Peck, Douglas J.; Hall, Walter J.; and Finney, James L., to HTC Corporation, The. Method and apparatus for solder removal. 4,541,358, 9-17-85, Cl. 118-58.000.
Spigarelli, Donald J.: *See—*
Peck, Douglas J.; and Spigarelli, Donald J., 4,558,524, Cl. 34-78.000.
Spikes, Warren W. Big bale retriever and stacker. 4,498,829, 2-12-85, Cl. 414-24.500.
Spilde, Rodney L. Livestock confinement building wall-vent controller. 4,534,278, 8-13-85, Cl. 98-37.000.
Spilhaus, Athelstan. Geographical sundial. 4,520,572, 6-4-85, Cl. 33-270.000.
Spiliadis, Apostol: *See—*
Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, 4,494,994, Cl. 106-308.00P.
Cioca, Gheorghe; Siegler, Marcel; and Spiliadis, Apostol, 4,557,855, Cl. 252-355.000.
Spilker, Harry; and Einfeld, Klaus, to Deutsche Gesellschaft fur Wiederaufarbeitung von Kernbrennstoffen mbH. Dry storage facility for irradiated nuclear reactor fuel elements. 4,525,324, 6-25-85, Cl. 376-272.000.
Spilker, Harry: *See—*
Dyck, Hans-Peter; Janberg, Klaus; Richter, Wolfgang; and Spilker, Harry, 4,498,011, Cl. 250-507.100.
Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, 4,527,066, Cl. 250-507.100.
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Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, 4,527,068, Cl. 250-507.100.
Dyck, Hans-Peter; Spilker, Harry; and Gregor, Heinz-Dieter, 4,532,428, Cl. 250-507.100.
Spilker, Susanne: *See—*
Wendel, Rainer, 4,497,463, Cl. 248-95.000.
Spilkin, Gordon; Eichler, Jack H.; and Kos, Peter, to Dorr-Oliver Incorporated. Pressure filter. 4,528,103, 7-9-85, Cl. 210-791.000.
Spiller, Peter O.: *See—*
Holroyd, Ralph; and Spiller, Peter O., 4,520,782, Cl. 123-450.000.
Spiller, Robert S. Disposable or reusable animal trap. 4,550,523, 11-5-85, Cl. 43-61.000.
Spillers, Frank W.: *See—*
Dang, Hiep D.; Beaver, Richard N.; Spillers, Frank W.; and Hazelrigg, Mark J., Jr., 4,497,112, Cl. 29-825.000.
Spillman, William, Jr.; Soref, Richard A.; and Sanford, Norman A., to Sperry Corporation. Method for forming thin film passive light waveguide circuit. 4,547,262, 10-15-85, Cl. 156-659.100.
Spillman, William B., Jr., to Sperry Corporation. Photoelastic sensor using a variable intensity light source as a feedback means. 4,556,791, 12-3-85, Cl. 250-225.000.
Spillman, William B., Jr.: *See—*
McMahon, Donald H.; and Spillman, William B., Jr., 4,518,857, Cl. 250-225.000.
Spils, Richard W. Valve having a movable interface isolating an actuating mechanism. 4,494,731, 1-22-85, Cl. 251-355.000.
Spils, Richard W. Angle globe valve. 4,503,884, 3-12-85, Cl. 137-553.000.
Spils, Richard W. Multiple stage valve. 4,504,040, 3-12-85, Cl. 251-121.000.
Spinal Dynamics, Inc.: *See—*
Morrow, Winston G., 4,494,261, Cl. 5-436.000.
Morrow, Winston G., 4,502,170, Cl. 5-431.000.
Spindebock, Wolf-Dieter: *See—*
Melzer, Hans-Harald; and Spindebock, Wolf-Dieter, 4,555,904, Cl. 60-605.000.
Spindeler, Heinrich; Wackerbarth, Folkard; and Althous, Horst, to Dr. C. Otto & Comp. G.m.b.H. Apparatus for leveling coal in a coke oven chamber. 4,491,505, 1-1-85, Cl. 202-270.000.
Spindelfabrik Sussen, Schurr, Stahlecker & Grill GmbH: *See—*
Barauke, Norbert, 4,519,199, Cl. 57-87.000.
Spindler, Carl: *See—*
Spindler, Carl A., 4,502,243, Cl. 43-137.000.
Spindler, Carl A., to Spindler, Carl. Insect hammer. 4,502,243, 3-5-85, Cl. 43-137.000.
Spindler, Manfred: *See—*
Bolze, Rudolf; Geiger, Friedhelm; Spindler, Manfred; and Tanner, Herbert, 4,518,801, Cl. 562-559.000.
Spinelli, Gene A. Exercise device. 4,537,395, 8-27-85, Cl. 272-123.000.
Spinelli, Richard A.: *See—*
Ritter, Joachim A.; Bock, Edward C.; Spinelli, Richard A.; and Dennis, John R., 4,537,499, Cl. 355-58.000.
Spinelli, Thomas S.; Manns, William G.; and Weirauch, Donald F., to Texas Instruments Incorporated. Electronic circuit interconnection system. 4,546,406, 10-8-85, Cl. 361-386.000.
Spinello, Ronald P. Dental device and method for gingival retraction and conditioning. 4,531,914, 7-30-85, Cl. 433-136.000.
Spiniello Construction Company: *See—*
Donnelly, Frank, 4,506,624, Cl. 118-105.000.
Spinks, Anne E.: *See—*
Whyzmuzis, Paul D.; and Spinks, Anne E., 4,508,868, Cl. 524-607.000.
Spinks, R. Joe, Jr.; Snider, Glenn R.; and Dessy, Richard E., to Rockwell International Corporation. Antenna coupler system. 4,545,059, 10-1-85, Cl. 375-1.000.
Spinks, Raleigh J., Jr.; Edwards, Richard C.; and Dahm, Joseph J., to Rockwell International Corporation. Broadband vertical dipole antenna. 4,496,953, 1-29-85, Cl. 343-792.000.
Spinnbau GmbH: *See—*
Schmiedgen, Hans; Bernhardt, Siegfried; Strobl, Otto; and Menzel, Dietrich, 4,523,350, Cl. 19-98.000.
Spinner, Georg; and Pitschi, Franz X., to Spinner GmbH Elektrotechnische Fabrik. High frequency waveguide. 4,494,094, 1-15-85, Cl. 333-239.000.
Spinner, Georg; and Pitschi, Franz X., to Spinner GmbH Elektrotechnische Fabrik. Plug inner conductor for HF coaxial cables. 4,496,208, 1-29-85, Cl. 339-177.00R.
Spinner, Georg; Lang, Manfred; and Pautz, Anton, to Spinner GmbH Elektrotechnische Fabrik. Light-rotation coupling for a plurality of channels. 4,519,670, 5-28-85, Cl. 350-96.150.
Spinner GmbH Elektrotechnische Fabrik: *See—*
Spinner, Georg; and Pitschi, Franz X., 4,494,094, Cl. 333-239.000.
Spinner, Georg; and Pitschi, Franz X., 4,496,208, Cl. 339-177.00R.
Spinner, Georg; Lang, Manfred; and Pautz, Anton, 4,519,670, Cl. 350-96.150.
Spinner, Joseph R., to King-Seeley Thermos Co. Ice making apparatus. 4,525,073, 6-25-85, Cl. 366-323.000.
Spinner, Joseph R., to King-Seeley Thermos Co. Ice making apparatus. 4,533,310, 8-6-85, Cl. 425-376.00R.
Spinnett, Raymond G., to KDI American Products, Inc. Retrofit pulsator apparatus and method for an air/water mixer of a swimming pool, therapy tub, spa or the like. 4,508,665, 4-2-85, Cl. 261-93.000.

- Spinnett, Raymond G., to KDI American Products, Inc. Anti-backflow valve for therapy tubs and the like. 4,510,967, 4-16-85, Cl. 137-389.000.
- Spinning, Richard R. Adjustable radial curve. 4,532,714, 8-6-85, Cl. 33-177.000.
- Spinnler, Fritz: *See*—
  - Komauer, Christian; Spinnler, Fritz; and Kollbrunner, Tony, 4,529,060, Cl. 181-227.000.
  - Mayer, Andreas; El-Nashar, Ibrahim; and Spinnler, Fritz, 4,517,950, Cl. 123-559.000.
- Spinnler, Fritz W.: *See*—
  - Jaussi, Francois A.; Mayer, Andreas; and Spinnler, Fritz W., 4,561,407, Cl. 123-559.000.
- Spinoglio, M. Mario: *See*—
  - Bournier, Edgard, 4,557,937, Cl. 426-241.000.
- Spinosa, Dominic J.; and Knoll, Frank, to East/West Industries, Inc. Restraining fittings. 4,496,271, 1-29-85, Cl. 410-105.000.
- Spinosa, Dominic J.; and Knoll, Frank, to East/West Industries, Inc. Fluid hose connectors. 4,506,862, 3-26-85, Cl. 251-149.500.
- Spira, Joel S.: *See*—
  - Capewell, Dennis; Luchaco, David G.; and Spira, Joel S., 4,527,099, Cl. 315-291.000.
- Spira Patententwicklung-und Beteiligungsgegesellschaft mbH: *See*—
  - Nurk, Siegfried, 4,516,738, Cl. 242-152.100.
- Spiral Binding Company, Inc.: *See*—
  - Henes, Martin E.; and Roth, George, 4,545,603, Cl. 281-21.00A.
- Spiral Drilling Systems, Inc.: *See*—
  - Frear, Lawrence, 4,552,232, Cl. 175-337.000.
- Spiral System Instruments, Inc.: *See*—
  - Schalkowsky, Samuel; and Schalkowsky, Ellen R., 4,514,495, Cl. 435-32.000.
  - Schalkowsky, Samuel; and Pepper, William, Jr., 4,517,292, Cl. 435-32.000.
- Spiral Tubing Corporation: *See*—
  - Sievers, Richard W., 4,495,989, Cl. 165-172.000.
- Spirax Sarco, Inc.: *See*—
  - Jiandani, Niranjan T., 4,549,691, Cl. 236-58.000.
  - Jiandani, Niranjan T., 4,560,105, Cl. 236-58.000.
- Spire Corporation: *See*—
  - Little, Roger G.; and Shanfield, Stanley R., 4,526,673, Cl. 204-192.00E.
  - Spitzer, Mark B.; and Little, Roger G., 4,509,248, Cl. 29-572.000.
- Spires, Dewayne A., to AT&T Bell Laboratories. Line circuit with flux compensation and active impedance termination. 4,503,289, 3-5-85, Cl. 179-16.00F.
- Spires, Dewayne A., to AT&T Bell Laboratories. Relay driver. 4,510,550, 4-9-85, Cl. 361-152.000.
- Spirk, John W., Jr.; and Nottingham, John R. Animated coin sorting bank. 4,511,341, 4-16-85, Cl. 446-9.000.
- Spiro, Clifford L.; and Lamby, Edward J., to General Electric Company. Water soluble resols and method for producing them. 4,499,311, 2-12-85, Cl. 568-660.000.
- Spiro, Clifford L., to General Electric Company. Supermicronized process for coal comminution. 4,546,925, 10-15-85, Cl. 241-1.000.
- Spiro, Clifford L.: *See*—
  - McKee, Douglas W.; Spiro, Clifford L.; and Kosky, Philip G., 4,558,027, Cl. 502-181.000.
- Spiro-Gills, Incorporated: *See*—
  - Benard, Jacques A. V., 4,514,900, Cl. 29-727.000.
- Spiro, Vladimir: *See*—
  - Kammerer, Walter; and Spiro, Vladimir, 4,545,049, Cl. 370-16.000.
- Spisak, Andrew J.: *See*—
  - Humphries, Benjamin T.; and Spisak, Andrew J., 4,525,642, Cl. 310-260.000.
- Spisarenko, Dmitry U.: *See*—
  - Medovar, Boris I.; Andreev, Vladimir P.; Kozik, Vladimir V.; Shevchenko, Nikolai T.; Spisarenko, Dmitry U.; Malevanny, Vladimir P.; Karpov, Vladimir F.; Chernykh, Viktor V.; Chepurnoi, Anatoly D.; Matsegora, Evgeny A.; and Shuruev, Lev A., 4,495,395, Cl. 219-73.100.
- Spisz, Albert S., to Burroughs Corporation. Coupled drive shaft. 4,551,118, 11-5-85, Cl. 464-182.000.
- Spit Pit, Inc.: *See*—
  - Dawson, Patricia S., 4,503,572, Cl. 4-258.000.
- Spitaler, Engelbert; Oberleitner, Gerhard; Svoboda, Josef; Nitschko, Theodor; and Riss, Wilfried, to TMC Corporation. Safety ski binding. 4,545,598, 10-8-85, Cl. 280-612.000.
- Spitaler, Engelbert, to TMC Corporation. Safety ski binding release mechanism. 4,548,424, 10-22-85, Cl. 280-612.000.
- Spitaler, Engelbert, to TMC Corporation. Safety ski binding. 4,561,672, 12-31-85, Cl. 280-618.000.
- Spitaler, Engelbert: *See*—
  - Riss, Wilfried; Nitschko, Theodor; Spitaler, Engelbert; and Oberleitner, Gerhard, 4,516,791, Cl. 280-612.000.
- Spitaler, Wolfgang: *See*—
  - Ramlohr, Franz; and Spitaler, Wolfgang, 4,493,015, Cl. 363-63.000.
- Spiteri, Pierre: *See*—
  - Picard, Gerard; Flament, Thierry; Tremillon, Bernard; Saint-Paul, Pierre; and Spiteri, Pierre, 4,559,993, Cl. 165-1.000.
- Spitsbergen, Merlin D., to Centronics Data Computer Corp. Web loop control apparatus and method. 4,513,898, 4-30-85, Cl. 226-44.000.
- Spittka, Horst; Eckardt, Rudolf; and Neuendorf, Cristoph, to Flachglas Aktiengesellschaft. Method of and apparatus for quench-tempering shaped glass. 4,519,829, 5-28-85, Cl. 65-114.000.
- Spitz, Melvin P., to Bedline Manufacturing Company. Mattress support mechanism for folding sofa-bed. 4,504,987, 3-19-85, Cl. 5-13.000.
- Spitz, William. Collapsible turbulator. 4,502,509, 3-5-85, Cl. 138-37.000.
- Spitzer, Hermann: *See*—
  - Derfler, Heinrich; Perchermeier, Jurgen; and Spitzer, Hermann, 4,559,281, Cl. 428-687.000.
- Spitzer, Mark B.; and Little, Roger G., to Spire Corporation. Encapsulation of solar cells. 4,509,248, 4-9-85, Cl. 29-572.000.
- Spitzer, Wayne A., to Eli Lilly and Company. Antiviral benzimidazoles. 4,492,708, 1-8-85, Cl. 424-273.00B.
- Spitzer, Wayne A.; and Goodson, Theodore, Jr., to Eli Lilly and Company. Preparation of 4-fluoroazetidinones using $FClO_3$. 4,500,456, 2-19-85, Cl. 260-239.00A.
- Spitzer, Wayne A., to Eli Lilly and Company. Inotropic agents. 4,537,889, 8-27-85, Cl. 514-243.000.
- Spitzer, Wayne A.: *See*—
  - Hall, David A.; and Spitzer, Wayne A., 4,525,304, Cl. 260-245.400.
  - Spry, Douglas O.; and Spitzer, Wayne A., 4,521,598, Cl. 544-16.000.
- Spitzner, Jerome G.; and Stoudt, Michael D., to Eastman Kodak Company. Apparatus and method for forming multicolor electrophotographic images. 4,518,246, 5-21-85, Cl. 355-4.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Substituted (4-hydroxyphenylthio) succinic anhydride or succinate stabilizers. 4,497,959, 2-5-85, Cl. 549-253.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Dioxasilepin and dioxasilocin stabilizers. 4,503,243, 3-5-85, Cl. 556-427.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. S-(4-hydroxyphenyl)thiocarboxylic ester antioxidants. 4,508,865, 4-2-85, Cl. 524-283.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Thiocarbamate stabilizers. 4,521,320, 6-4-85, Cl. 252-47.500.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Primary or secondary amino substituted dibenzo dioxaphosphepins and dioxaphosphocins. 4,524,166, 6-18-85, Cl. 524-117.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Polymeric hindered phosphonate stabilizers. 4,524,167, 6-18-85, Cl. 524-121.000.
- Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, to Ciba-Geigy Corporation. 1H-polyalkyl-phosphorinanes. 4,539,421, 9-3-85, Cl. 560-105.000.
- Spivack, John D.; Pastor, Stephen D.; and Odorisio, Paul, to Ciba-Geigy Corporation. Alkylated S-(hydroxyphenylthio) alkanoates. 4,540,732, 9-10-85, Cl. 524-289.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Substituted (4-hydroxyphenylthio) succinic anhydride or succinate stabilizers. 4,547,539, 10-15-85, Cl. 524-112.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Substituted 4-hydroxyphenylthio benzoate stabilizers. 4,552,926, 11-12-85, Cl. 524-219.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. 4-hydroxyphenylthio substituted stabilizers for polymers. 4,559,379, 12-17-85, Cl. 524-289.000.
- Spivack, John D.; and Pastor, Stephen D., to Ciba-Geigy Corporation. Tri- and tetra-(substituted hydroxyphenylthio) alkane and cycloalkane stabilizers and stabilized compositions. 4,560,799, 12-24-85, Cl. 568-47.000.
- Spivack, John D.: *See*—
  - Reid, William J.; Zappia, Jean M.; Capocci, Gerald A.; and Spivack, John D., 4,555,541, Cl. 524-180.000.
- Spletzer, Barry; Swiatlowski, George J.; and Brandt, Maurice W., to Gerber Products Company. Baby bottle cap assembler. 4,523,377, 6-18-85, Cl. 29-773.000.
- Spletzer, Barry L.; and Swiatlowski, George, to Gerber Products Company. Retort crate loader and unloader. 4,561,817, 12-31-85, Cl. 414-119.000.
- Spliethoff, Heinz, to Saarbergwerke Aktiengesellschaft. Method for supplying remote heating circuits with heat from a thermal power plant. 4,492,084, 1-8-85, Cl. 60-648.000.
- Spliethoff, Heinz, to Saarbergwerke Aktiengesellschaft. Method and apparatus for reducing the initial start-up and subsequent stabilization period losses, for increasing the usable power and for improving the controllability of a thermal power plant. 4,549,401, 10-29-85, Cl. 60-652.000.
- Splinter, Bob C., to Peckson USA Corp. Inner and outer waste storage vaults with leak-testing accessibility. 4,513,205, 4-23-85, Cl. 250-507.100.
- SPM Instruments U.S. Inc.: *See*—
  - Sohoel, Eivind O., 4,528,852, Cl. 73-593.000.
- SPM S.p.A.: *See*—
  - Berutti, Giampiero, 4,491,438, Cl. 404-10.000.
- Spoeth, Carl R.: *See*—
  - Dobson, William C.; and Spoeth, Carl R., 4,528,429, Cl. 200-50.00B.
- SPOFA, spojene podniky pro zdravotnickou vyrobu: *See*—
  - Flegel, Martin; Pospisek, Jan; Picha, Josef; Pichova, Drahomira; Krojidlo, Milan; and Kolinsky, Jiri, 4,512,923, Cl. 260-112.5LH.
  - Flegel, Martin; Krojidlo, Milan; Kolinsky, Jiri; Masek, Karel; and Seifert, Jaroslav, 4,515,715, Cl. 260-112.50R.
  - Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Robalova, Alena, 4,528,133, Cl. 260-112.50R.
  - Kasafirek, Evzen; Fric, Premysl; Slaby, Jan; and Roubalova, Alena, 4,554,100, Cl. 260-112.50R.
  - Wichterle, Otto, 4,512,461, Cl. 206-5.100.
- Spohn, Ralph J.: *See*—
  - Liu, Huei-Cheng; and Spohn, Ralph J., 4,499,317, Cl. 585-438.000.

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Sponer, Gisbert: *See—*
- Wiedemann, Fritz; Kampe, Wolfgang; Thiel, Max; Sponer, Gisbert; Roesch, Egon; and Dietmann, Karl, 4,503,067, Cl. 514-411.000.

Spong, Richard V.: *See—*
- Bonifanti, George; Jackson, Mark F.; Letsch, Karl H.; Longenecker, Bruce C.; Loomis, Phillip E.; Nguyen, Hung T.; Schuppert, Leo V., Jr.; Spong, Richard V.; and Paukovits, Edward J., Jr., 4,551,901, Cl. 29-564.600.
- Crowman, Stanley W. T.; Dornes, Bryan J.; Paukovits, Edward J., Jr.; Spong, Richard V.; and Talarico, Robert J., 4,557,044, Cl. 29-741.000.

Sponhnholtz, Michael A.: *See—*
- Darland, Michael L.; Stoner, Donald L.; Baker, James W., Jr.; and Sponhnholtz, Michael A., 4,500,751, Cl. 179-2.0DP.

Sponseller, David L.; and Straatmann, John A., to Amax Inc. Tubular high strength low alloy steel for oil and gas wells. 4,533,405, 8-6-85, Cl. 148-36.000.

Spooner, Frank H.: *See—*
- Fabian, Walter; and Spooner, Frank H., 4,499,656, Cl. 29-576.00E.

Spooner, Jerrold C., to General Electric Company. Method of tool recovery in threadcutting apparatus. 4,513,380, 4-23-85, Cl. 364-474.000.

Spooner, Peter D.: *See—*
- Bryant, Greyham F.; Spooner, Peter D.; and Pearson, William K. J., 4,537,050, Cl. 72-8.000.

Spooner, Robert J.; and Dillon, Oscar W., to Cashin Systems Corp. Apparatus for stacking and weighing sliced food products. 4,545,447, 10-8-85, Cl. 177-165.000.

Spooner, Thomas H., to Olin Corporation. Method of halogenating isocyanuric acid. 4,542,218, 9-17-85, Cl. 544-190.000.

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- Blum, Rainer; Spoor, Herbert; Holtmann, Gerhard; and Osterloh, Rolf, 4,507,456, Cl. 528-45.000.
- Blum, Rainer; Spoor, Herbert; Osterloh, Rolf; Mosler, Gerhard; and Rubbert, Bernhard, 4,525,570, Cl. 528-75.000.
- Heil, Guenter; Spoor, Herbert; Lenz, Werner; Kovacs, Jenoe; Grau, Werner; Balz, Werner; and Lehner, August, 4,559,118, Cl. 204-159.140.

Spoormaker, Hendrik J. Air conditioning system. 4,531,454, 7-30-85, Cl. 98-38.00F.

Spoors, Gerald; and Pearce, Kenneth W., to Steetley Refractories Limited. Manufacture of magnesium hydroxide. 4,497,781, 2-5-85, Cl. 423-164.000.

Sporkenbach, Gustav-Adolf; and Suetterlin, Dieter, to Keller Holding AG, and Sporkenbach, Gustav-Adolf, a part interest. Method and oven for manufacturing a light construction element, particularly a cover plate. 4,493,805, 1-15-85, Cl. 264-25.000.

Sporn, Anthony J.: *See—*
- Stoffel, Hans F.; Saunders, William T.; and Sporn, Anthony J., 4,527,412, Cl. 72-349.000.

Sportelli, Frank A. Printing screen and method of making same. 4,495,517, 1-22-85, Cl. 358-75.000.

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Sportoletti, Giancarlo; Pagella, Piergiuseppe; and Cremonesi, Pietro, to Italfarmaco S.p.A. Bio-available succinylated protein-iron derivatives which do not cause gastric lesions, method of preparation and related pharmaceutical compounds. 4,493,829, 1-15-85, Cl. 424-177.000.

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- Cremonesi, Pietro; and Sportoletti, Giancarlo, 4,507,205, Cl. 210-638.000.

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- Vacanti, Eugene J., 4,512,037, Cl. 2-2.000.

Sposini, Maurizio: *See—*
- Bella, Luigi; Brignolo, Roberto; Barberis, Giulio; and Sposini, Maurizio, 4,542,499, Cl. 370-85.000.
- Gabrielli, Luciano; and Sposini, Maurizio, 4,521,882, Cl. 370-85.000.
- Gabrielli, Luciano; and Sposini, Maurizio, 4,538,263, Cl. 370-86.000.

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- Goldmann, Gerd; Spott, Georg; and Frohlich, Christian, 4,533,432, Cl. 159-47.100.

Spottiswood, David J.: *See—*
- Bull, William R.; and Spottiswood, David J., 4,529,507, Cl. 209-166.000.

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- Adamowicz, John A.; Schlup, John R.; and Spotz, Mark S., 4,549,931, Cl. 162-145.000.

Spouse, Keith G.: *See—*
- Cutler, David S.; and Spouse, Keith G., 4,540,920, Cl. 318-7.000.

Spraco, Inc.: *See—*
- Huffman, David C., 4,504,013, Cl. 239-424.000.
- Huffman, David C., 4,505,431, Cl. 239-428.000.

Spradling, Gene V.; and Stanek, Terrence L., to Emerson Electric Co. Means for reversing operation of a motor. 4,555,654, 11-26-85, Cl. 318-751.000.

Sprague, David L.: *See—*
- Christopher, Lauren A.; and Sprague, David L., 4,507,725, Cl. 364-724.000.

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- McIntyre, Allan E., 4,552,480, Cl. 403-76.000.

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- Allen, Michael D.; and Van Voorhis, John E., 4,517,626, Cl. 361-433.000.
- Avery, Grant D., 4,518,918, Cl. 324-208.000.
- Bernard, Walter J.; and Millard, Richard J., 4,508,563, Cl. 75-0.5BB.
- Buczkowski, Gary J.; and Fresia, E. James, 4,535,389, Cl. 361-433.000.
- Burn, Ian, 4,510,175, Cl. 427-79.000.
- Childs, John J., 4,554,612, Cl. 361-306.000.
- Coleman, James H., 4,513,350, Cl. 361-321.000.
- Efford, Thomas W.; and Moresi, Joseph A., Jr., 4,547,829, Cl. 361-306.000.
- Finkelstein, Manuel; and Ross, Sidney D., 4,509,094, Cl. 361-314.000.
- Gontowski, Walter S., Jr.; and Rollins, George E., 4,494,088, Cl. 331-111.000.
- Harland, Gary D.; and Brownell, Dean B., 4,517,144, Cl. 264-28.000.
- Hebert, John R., Jr., 4,533,989, Cl. 363-132.000.
- Lucey, Michael F., 4,514,468, Cl. 428-418.000.
- Maher, Galeb H., 4,500,368, Cl. 148-431.000.
- Maher, Galeb H., 4,533,974, Cl. 361-320.000.
- Montgomery, William P., 4,538,212, Cl. 361-433.000.
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- Novacek, William G., 4,537,664, Cl. 204-28.000.
- Puppolo, Henry F., 4,509,100, Cl. 361-433.000.
- Richards, Oliver L., Jr., 4,538,300, Cl. 455-161.000.
- Rogers, Donald G., 4,523,255, Cl. 361-433.000.
- Ross, Sidney D.; and Finkelstein, Manuel, 4,541,037, Cl. 361-433.000.
- Schroeder, Walter W., 4,494,174, Cl. 361-433.000.
- Shirn, George A.; and Pfister, William J., 4,531,177, Cl. 361-433.000.

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Sprague, Peter W.; and Heikes, James E., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptaine prostaglandin intermediates and method for preparing same. 4,500,723, 2-19-85, Cl. 549-459.000.

Sprague, Peter W.; and Heikes, James E., to E. R. Squibb & Sons, Inc. 7-oxabicycloheptane prostaglandin intermediates. 4,503,241, 3-5-85, Cl. 549-459.000.

Sprague, Peter W.; Loots, Melanie J.; and Haslanger, Martin F., to E. R. Squibb & Sons, Inc. Method of use of bicycloheptane substituted prostaglandin analogs as cardiovascular agents. 4,542,160, 9-17-85, Cl. 514-569.000.

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- Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,537,981, Cl. 549-463.000.
- Snitman, David L.; Haslanger, Martin F.; and Sprague, Peter W., 4,556,675, Cl. 514-469.000.
- Sundeen, Joseph E.; Haugwitz, Rudiger D.; and Sprague, Peter W., 4,536,501, Cl. 514-225.000.

Sprague, Robert A., to Xerox Corporation. Direct read after write optical disk system. 4,517,667, 5-14-85, Cl. 369-122.000.

Sprague, Robert A.; and Turner, William D., to Xerox Corporation. Conformable electrodes for proximity coupled electro-optic devices. 4,538,883, 9-3-85, Cl. 350-356.000.

Sprague, Robert A., to Xerox Corporation. Two dimensional electro-optic modulator for optical processing. 4,557,563, 12-10-85, Cl. 350-162.120.

Sprague, Robert A., to Xerox Corporation. Two dimensional electro-optic modulator for printing. 4,560,994, 12-24-85, Cl. 346-108.000.

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- Scifres, Donald R.; and Sprague, Robert A., 4,530,574, Cl. 350-420.000.

Sprague, Robert S. Flip card apparatus for forming units of speech. 4,515,566, 5-7-85, Cl. 434-172.000.

Sprague, William H. Wall-contained electric water heating tank. 4,551,612, 11-5-85, Cl. 219-312.000.

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- Allen, Richard M.; Arnold, Jeffrey M.; Field, Joseph J.; and Spraker, Terry E., 4,536,770, Cl. 346-29.000.

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Spratt, Brendan J.; Pryor, David J.; Jones, James B., Jr.; Davis, Dennis W.; and Frazier, Richard V., Jr., to Allied Corporation. Range processor for DME. 4,554,547, 11-19-85, Cl. 343-7.300.

Spratt, James P., to Science Applications, Inc. Contact-charge motor and generator. 4,504,757, 3-12-85, Cl. 310-308.000.

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- Crisp, Eric H., 4,515,072, Cl. 98-115.200.

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- Haruch, James, 4,540,124, Cl. 239-223.000.

Spraymation, Inc.: *See—*
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Spreadbury, Robert J., to Cooper Industries, Inc. Ballast modifying device and lead-type ballast for programming and controlling the operating performance of an hid sodium lamp. 4,501,994, 2-26-85, Cl. 315-307.000.

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- Schaad, Walter; and Kull, Peter, 4,513,187, Cl. 200-144.0AP.
- Sturzenegger, Christian; and Blatter, Johann, 4,497,991, Cl. 200-148.00A.
- Wallimann, Hubert; and Blatter, Johann, 4,535,208, Cl. 200-82.00B.

Sprecker, Mark A.; Klemarczyk, Philip T.; and Belko, Robert P., to International Flavors & Fragrances Inc. Organoleptic use of cyclohexenyl-alpha-alkyl acrolein derivatives. 4,492,645, 1-8-85, Cl. 252-522.00R.

Sprecker, Mark A.; Belko, Robert P.; and Greene, Roger E., to International Flavors & Fragrances Inc. Organoleptic use of isopropyl tetramethylindanes. 4,493,790, 1-15-85, Cl. 252-522.00R.

Sprecker, Mark A., to International Flavors & Fragrances Inc. Norbornyl esters and uses thereof in augmenting or enhancing the organoleptic properties of a consumable material and process for preparing same. 4,502,494, 3-5-85, Cl. 131-276.000.

Sprecker, Mark A.; and Hanna, Marie R., to International Flavors & Fragrances Inc. Process for augmenting or enhancing the aroma of perfume compositions, colognes and perfumed articles with 1-phenyl-penten-4-one-1 and methyl homologues thereof. 4,507,225, 3-26-85, Cl. 252-522.00R.

Sprecker, Mark A., to International Flavors & Fragrances Inc. Flavoring with norbornyl esters. 4,517,213, 5-14-85, Cl. 426-538.000.

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Sprecker, Mark A., to International Flavors & Fragrances Inc. Norbornyl esters and uses thereof in augmenting or enhancing the organoleptic properties of a consumable material and process for preparing same. 4,532,050, 7-30-85, Cl. 252-8.600.

Sprecker, Mark A.; Wiegers, Wilhelmus J.; Belko, Robert P.; and Boden, Richard M., to International Flavors & Fragrances Inc. Uses of para-acyloxycyclohexyl alkylcarboxylates in augmenting or enhancing the organoleptic properties of consumable materials. 4,534,890, 8-13-85, Cl. 252-522.00R.

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Sprecker, Mark A.: *See—*
- Hall, John B.; and Sprecker, Mark A., 4,503,258, Cl. 568-376.000.
- Hall, John B.; and Sprecker, Mark A., 4,541,951, Cl. 252-522.00R.
- Hall, John B.; Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,549,982, Cl. 252-522.00R.
- van Loveren, Augustinus G.; Sprecker, Mark A.; Whelan, Patrick; and Hanna, Marie R., 4,532,357, Cl. 568-327.000.
- Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,512,918, Cl. 252-522.00R.
- Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,524,021, Cl. 252-522.00R.
- Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,546,208, Cl. 568-814.000.
- Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,549,983, Cl. 252-522.00R.
- Wiegers, Wilhelmus J.; and Sprecker, Mark A., 4,554,096, Cl. 252-522.00R.

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- Niemann, Hans-Joachim; and Sprehe, Josef, 4,512,957, Cl. 423-3.000.

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Sprenger, Glenn R.: *See—*
- Knudtson, Lynn A.; and Sprenger, Glenn R., 4,524,628, Cl. 73-863.430.

Sprenger, Walter. Cable protection device. 4,530,865, 7-23-85, Cl. 428-36.000.

Sprenger, Wilh., to General Motors Corporation. Device for securing a motor vehicle window pane. 4,561,689, 12-31-85, Cl. 296-84.00A.

Sprengling, Gerhard R., to Westinghouse Electric Corp. Method for impregnating resin powder directly into a laminate lay up. 4,496,415, 1-29-85, Cl. 156-283.000.

Sprenkle, George J., to Burroughs Corporation. Insertion device for an electronic circuit package assembly. 4,507,861, 4-2-85, Cl. 29-741.000.

Sprenkle, George J., to Burroughs Corporation. Device for the controlled extraction of electronic circuit components. 4,521,959, 6-11-85, Cl. 29-741.000.

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SPRI Limited: *See—*
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Sprick, Theo, to Preformed Line Products Company. Method and apparatus for connecting branch circuits to cores of a live electrical cable. 4,527,854, 7-9-85, Cl. 339-98.000.

Spring, Gorden: *See—*
- Iseki, Takeo; Nuttall, Michael W.; Spring, Gorden; and Weiland, Herbert, 4,529,207, Cl. 273-357.000.

Spring-Mornne, Inc.: *See—*
- Malak, Stephen P., 4,518,855, Cl. 250-201.000.

Spring, Robert P. Reversible numeric color-coded labels. 4,544,182, 10-1-85, Cl. 283-81.000.

Spring Water Brew International: *See—*
- Coleman, Henry E., 4,528,200, Cl. 426-74.000.

Spring, William A.: *See—*
- Peterson, Francis C.; Rodseth, William G.; and Spring, William A., 4,523,883, Cl. 411-171.000.

Springen, Clyde H.: *See—*
- Bennett, Ross L.; Price, Robert B.; Springen, Clyde H.; and Kilbourn, Harlan C., 4,517,652, Cl. 364-513.000.
- Clearman, Melvin R.; and Springen, Clyde H., 4,539,703, Cl. 382-28.000.

Springer, Charles S., Jr.; Pike, Martin M.; Balschi, James A.; Yarmush, David M.; and Chu, Simon C. K., to Research Foundation of State University of New York, The. Biological uses of shift reagents for the nuclear magnetic resonance of physiological metal cations. 4,532,217, 7-30-85, Cl. 436-79.000.

Springer, Earl W. Tester for aircraft altitude reporting system. 4,531,127, 7-23-85, Cl. 343-17.700.

Springer, Engelbert: *See—*
- Hillmann, Hans; and Springer, Engelbert, 4,501,062, Cl. 29-599.000.

Springer, Gilbert D., to Ferix Corporation. Differential-permeability field-concentrating magnetic read/write head. 4,494,125, 1-15-85, Cl. 346-74.500.

Springer, Gilbert D. Thin-film, compliant, non-pressure-point-telegraphing, electromagnetic read/write head structure. 4,503,439, 3-5-85, Cl. 346-74.500.

Springer, Gilbert D. Thin-film magnetic writing head with anti-saturation back-gap layer. 4,503,440, 3-5-85, Cl. 346-74.500.

Springer, Gilbert D., to Ferix Corporation. Toner transfer apparatus with slip action. 4,527,169, 7-2-85, Cl. 346-74.200.

Springer, Gilbert D., to Ferix Corporation. Method for creating magnetic toner images having controlled toner distribution. 4,539,280, 9-3-85, Cl. 430-39.000.

Springer, Gilbert D., to Ferix Corporation. Multi-directional field annealing of a thin-film electromagnetic read/write head. 4,544,421, 10-1-85, Cl. 148-103.000.

Springer, Helmut: *See—*
- Bernhagen, Wolfgang; Falk, Volker; Springer, Helmut; Weber, Jurgen; Wiebus, Ernst; and Kniep, Claus, 4,515,986, Cl. 564-471.000.

Springer, Jeffery T.: *See—*
- Teach, Eugene G.; and Springer, Jeffery T., 4,509,975, Cl. 71-100.000.
- Teach, Eugene G.; and Springer, Jeffery T., 4,557,756, Cl. 71-118.000.

Springer, John A.: *See—*
- Greer, Charles B.; Keehan, Donald W.; and Springer, John A., 4,554,648, Cl. 367-49.000.

Springer, Richard E.; and Baxter, Gary R., to Crosby Group, Inc., The. Trunnion for hook and block assembly. 4,549,829, 10-29-85, Cl. 403-57.000.

Springs Industries, Inc.: *See—*
- Daniels, John Y., 4,562,107, Cl. 428-196.000.
- Hendrix, James E.; and Daniels, John Y., 4,507,350, Cl. 428-196.000.
- Hendrix, James E.; Daniels, John Y.; and Jackson, Bobby D., 4,530,874, Cl. 428-266.000.
- Hendrix, James E.; Daniels, John Y.; and White, Taryn M., 4,549,880, Cl. 8-115.520.
- Lowery, Jack R., Sr.; and Payet, George L., 4,496,407, Cl. 156-73.300.
- Payet, George L.; and Ballard, Stephen C., 4,534,819, Cl. 156-515.000.
- Payet, George L.; Hendrix, James E.; and Lowery, Jack R., Sr., 4,542,771, Cl. 139-302.000.

Springstead, Thomas H.: *See—*
- Kent, Gary D.; Intorp, Norbert B.; and Springstead, Thomas H., 4,498,935, Cl. 148-6.15Z.

Springthorpe, Anthony J., to Northern Telecom Limited. Diffusion equipment. 4,493,287, 1-15-85, Cl. 118-719.000.

Sprinkle, Danny R.: *See—*
- Singh, Jag J.; and Sprinkle, Danny R., 4,538,446, Cl. 73-3.000.

Sprinkle, Robert S., III: *See—*
- Coghill, Everett C.; and Sprinkle, Robert S., III, 4,505,282, Cl. 131-334.000.

Sprinter System AB: *See—*
- Persson, Karl R., 4,533,079, Cl. 229-31.00R.

Sprinter Systems Incorporated: *See—*
- Stannard, Charles G., 4,522,618, Cl. 493-143.000.

Sproat, William B., Jr. Multipurpose material working tool. 4,497,353, 2-5-85, Cl. 144-1.00R.

Sproston, Robert L., Jr.: *See—*
- Hendrickson, Melvin C.; and Sproston, Robert L., Jr., 4,558,360, Cl. 358-120.000.

Sproul, William W., III, to International Business Machines Corporation. Interrupt processor. 4,498,136, 2-5-85, Cl. 364-200.000.

Sproull, James F., to PPG Industries, Inc. Fiber glass composition. 4,542,106, 9-17-85, Cl. 501-38.000.

Sprouse, Kenneth M.; Schuman, Merlin D.; and Combs, L. Paul, to Rockwell International Corporation. Production of acetylene from coal by contact with a combustion gas. 4,536,603, 8-20-85, Cl. 585-539.000.

Spruck, George T. Device for determining time of sunrise and sunset. 4,551,027, 11-5-85, Cl. 368-15.000.

Sprung, Louis H.: *See—*
- Gamze, Maurice G.; and Sprung, Louis H., 4,510,433, Cl. 322-32.000.

Sprunt, Katherine: *See—*
- Hodes, David S.; Leidy, Grace; Sprunt, Katherine; and Weldy, Piper, 4,513,083, Cl. 435-68.000.

Spruth, Wilhelm G.: *See—*
- Bahr, Dietrich J.; Burckardt, Karl-Heinz; Goldrian, Gottfried; Rudolph, Volker; and Spruth, Wilhelm G., 4,536,769, Cl. 346-1.100.

Spry, Douglas O.; and Spitzer, Wayne A., to Eli Lilly and Company. 3-azidocephalosporins. 4,521,598, 6-4-85, Cl. 544-16.000.

Spry, Douglas O., to Eli Lilly and Company. N-ethylidene azetidinones. 4,533,497, 8-6-85, Cl. 260-239.00A.

Spry, Douglas O., to Eli Lilly and Company. Cephem-3-imidates and 3-amidines. 4,560,749, 12-24-85, Cl. 544-16.000.

SPS Technologies, Inc.: *See—*
- Matheny, William F., III; Bernard, Clay, II; and Angell, William M., 4,561,820, Cl. 414-331.000.

Spurlin, Stanford R.; and Yeung, Edward S., to Iowa State University Research Foundation, Inc. Sulfide chemiluminescence detection. 4,555,491, 11-26-85, Cl. 436-120.000.

Spurlin, William V., to Syn-Energy, Inc. Center flow feeder and vibratory conveyor. 4,530,431, 7-23-85, Cl. 198-534.000.

Spurling, Robert A.; Davis, Burton I.; and Taylor, Norman G., to Rockwell International Corporation. Device for preparing thin specimens. 4,513,537, 4-30-85, Cl. 51-71.000.

Spurlock, Richard: *See—*
- Christianson, Charles L.; and Spurlock, Richard, 4,524,279, Cl. 250-497.100.

Spurr, Orson K., to Union Carbide Corporation. Curable epoxy resin containing molding compositions. 4,532,274, 7-30-85, Cl. 523-457.000.

Spurrier, Francis R.; DeZubay, Egon A.; Murray, Alexander P.; and Vidt, Edward J., to United States of America, Energy. Slab reformer. 4,504,447, 3-12-85, Cl. 422-204.000.

Spurrier, Francis R.: *See—*
- Lance, Joseph R.; and Spurrier, Francis R., 4,548,875, Cl. 429-26.000.

Spurway Cooke Industries Pty., Ltd.: *See—*
- Elias, Anthony J., 4,546,637, Cl. 72-391.000.

Sputtered Films, Inc.: *See—*
- Dimock, Jack A.; and Clarke, Peter J., 4,522,697, Cl. 204-298.000.
- Dimock, Jack A., 4,523,985, Cl. 204-298.000.

Spy Mirrors, Inc.: *See—*
- Harris, Richard J., Jr., 4,549,790, Cl. 350-624.000.

Spykerman, Scott A.: *See—*
- Cody, Michael J.; and Spykerman, Scott A., 4,521,051, Cl. 296-97.00H.

Square D Company: *See—*
- Buchanan, James D., 4,514,601, Cl. 200-5.00E.
- Carpenter, Peter E. G.; and Baker, Andrew P., 4,496,916, Cl. 337-6.000.
- Chabot, Ferdinand E.; and Wong, Tak M., 4,491,709, Cl. 200-153.0SC.
- Chabot, Ferdinand E., 4,524,339, Cl. 335-22.000.
- Curran, Earl J., Jr., 4,520,304, Cl. 318-800.000.
- Kuckuk, William R., 4,502,130, Cl. 365-52.000.
- Legatti, R. H., Jr.; Woolner, H. R.; and Cushing, R. J., Jr., 4,552,018, Cl. 73-431.000.
- Maulandi, Aymon A., 4,514,025, Cl. 339-64.00M.
- Moore, Prentice G., 4,498,138, Cl. 364-483.000.
- Nichols, Edward L., III; and Harrison, Edward A., 4,542,432, Cl. 361-44.000.
- Profio, Mark V., 4,509,088, Cl. 361-29.000.
- Rice, Paul D.; and Sharp, Jeffrey O., 4,557,095, Cl. 52-473.000.
- Rickmann, Bernard C., 4,491,896, Cl. 361-339.000.
- Rickmann, Bernard C., 4,531,174, Cl. 361-339.000.
- Schubring, Allin W.; and Sehmer, Robert W., 4,535,310, Cl. 335-61.000.
- Schubring, Allin W., 4,553,117, Cl. 335-61.000.
- Schwartz, Wesley W., 4,560,130, Cl. 248-297.200.
- Seaquist, James J.; and Harmon, Elred R., 4,552,424, Cl. 339-32.00R.
- Selby, Donald W., 4,492,817, Cl. 174-152.00R.
- Spencer, David E., 4,496,790, Cl. 174-48.000.
- Wong, Tak M., 4,506,246, Cl. 335-164.000.
- Zylstra, Henry J.; and Jansen, Harley W., 4,538,194, Cl. 361-42.000.

Squicciarini, Gaetano N., to AT&T Information Systems Inc. Digital terminal keyboard dialing. 4,535,198, 8-13-85, Cl. 179-2.0DP.

Squier, William H. R., to A W Squier Limited. Device for separating clods and stone from the soil. 4,548,275, 10-22-85, Cl. 171-14.000.

Squire, Alan Bruce: *See—*
- Phong-Anant, Dheera, 4,506,631, Cl. 122-2.000.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. Oligomers of perfluoro(2,2-dimethyl-1,3-dioxole) and their fluorination products. 4,496,749, 1-29-85, Cl. 549-448.000.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. Optical fibers comprising cores clad with amorphous copolymers of perfluoro-2,2-dimethyl-1,3-dioxole. 4,530,569, 7-23-85, Cl. 350-96.340.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. 4,5-dichloro-2,2,4,5,-tetrafluoro-1,3-dioxolane. 4,533,741, 8-6-85, Cl. 549-455.000.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. Fluorodioxoles. 4,535,175, 8-13-85, Cl. 549-455.000.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. Oligomers of prefluoro(2,2-dimethyl-1,3-dioxole) and their fluorination products. 4,540,799, 9-10-85, Cl. 549-448.000.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. Perfluorodioxole and its polymers. 4,558,141, 12-10-85, Cl. 549-455.000.

Squire, Edward N., to Du Pont de Nemours, E. I., and Company. Oligomers of perfluoro(2,2-dimethyl-1,3-dioxole) and their fluorination products. 4,560,778, 12-24-85, Cl. 549-455.000.

Squire, John S., to Tulin Corporation. Stepper motor damping circuit and a method therefor. 4,510,429, 4-9-85, Cl. 318-696.000.

Squire, William: *See—*
- Whitley, George J.; Rayl, Martin; and Squire, William, 4,520,549, Cl. 29-566.300.

Squires, Philip H.: *See—*
- Roscrow, Harold N.; Ewer, Ronald W.; and Squires, Philip H., 4,522,768, Cl. 264-2.200.

Squires, Thomas G.: *See—*
- Aida, Tetsuo; Squires, Thomas G.; and Venier, Clifford G., 4,497,636, Cl. 44-15.00R.

Squires, V. Alan, to Cooper Industries, Inc. Wedge lock valve retainer. 4,532,955, 8-6-85, Cl. 137-15.000.

Squirt & Company: *See—*
- Kryger, Allen C., 4,534,991, Cl. 426-592.000.
- Kryger, Allen C., 4,547,384, Cl. 426-548.000.
- Kryger, Allen C., 4,562,087, Cl. 426-599.000.

Squitieri, Vincent: *See—*
- Genova, Anthony T.; Squitieri, Vincent; and Lionetta, William G., Jr., 4,497,533, Cl. 339-143.00R.

Squyres, Bobby R. Bicycle tube repair device. 4,502,355, 3-5-85, Cl. 81-15.200.

Sr-Kone Oy: *See—*
- Sarja, Asko, 4,545,946, Cl. 264-70.000.

Srajer, Reinhard, to Woodford Manufacturing Company. Dock seal with adjustable top seal. 4,554,768, 11-26-85, Cl. 52-173.0DS.

Sreekumar, Chandra: *See—*
- Alexandrovich, Peter S.; Sorriero, Louis J.; and Sreekumar, Chandra, 4,547,449, Cl. 430-115.000.

Sremac, Steve. Voice or blow-controlled switchboard. 4,562,432, 12-31-85, Cl. 340-706.000.

Sresty, Guggilam C.: *See—*
- Bridges, Jack E.; Taflove, Allen; and Sresty, Guggilam C., 4,524,827, Cl. 166-248.000.

SRI International: *See—*
- Bartlett, Robert W., 4,514,580, Cl. 136-250.000.
- Brodie, Ivor; and Thackray, Malcolm, 4,503,551, Cl. 378-28.000.
- Byrne, George C., 4,527,151, Cl. 340-554.000.
- Crane, Hewitt D.; and Kelly, Donald H., 4,544,246, Cl. 351-211.000.
- Dawson, Marcia I.; and Chan, Rebecca L. S., 4,518,609, Cl. 514-448.000.
- Dawson, Marcia I.; Chan, Rebecca L. S.; and Hobbs, Peter D., 4,526,787, Cl. 514-255.000.
- Dawson, Marcia I.; and Hobbs, Peter D., 4,529,600, Cl. 514-529.000.
- Dawson, Marcia I.; and Hobbs, Peter D., 4,532,343, Cl. 514-543.000.
- DeGraw, Joseph I.; Kelly, Lawrence F.; and Sirotnak, Francis M., 4,532,241, Cl. 514-258.000.
- Helwing, Robert F., 4,532,335, Cl. 549-335.000.
- Ng, Steven Y.; Penhale, Donald W.; and Heller, Jorge, 4,513,143, Cl. 549-335.000.
- Rambo, William R., 4,499,606, Cl. 455-277.000.
- Sancier, Kenneth M., 4,529,576, Cl. 423-350.000.
- Slemmons, Arthur J.; and Newgard, Peter J., 4,515,151, Cl. 126-450.000.
- Vickers, Roger S., 4,495,500, Cl. 343-5.0CM.
- Weaver, Charles S., 4,503,510, Cl. 364-715.000.
- Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., 4,533,692, Cl. 524-417.000.
- Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., 4,533,693, Cl. 524-417.000.
- Wolfe, James F.; Sybert, Paul D.; Sybert, Joanne R.; and Wilson, Blake, 4,533,724, Cl. 528-313.000.
- Wood, Bernard J.; Brittain, Robert D.; and Sancier, Kenneth M., 4,551,155, Cl. 48-197.00R.

Sridhar, Bettadapur N.: *See—*
- Fischer, Larry E.; Sridhar, Bettadapur N.; and Bean, Jackie E., 4,518,559, Cl. 376-230.000.

Srikrishnan, Kris V.: *See—*
- Kumar, Ananda H.; and Srikrishnan, Kris V., 4,493,856, Cl. 427-57.000.

Srinivasan, Gurumakonda R.: *See—*

Bhatia, Harsaran S.; Dorler, Jack A.; Gaur, Santosh P.; Lechaton, John S.; Mosley, Joseph M.; and Srinivasan, Gurumakonda R., 4,535,531, Cl. 29-577.00C.

Lechaton, John S.; Malaviya, Shashi D.; Schepis, Dominic J.; and Srinivasan, Gurumakonda R., 4,502,913, Cl. 156-643.000.

Srinivasan, Seshadri: *See—*

Olinger, John L.; and Srinivasan, Seshadri, 4,526,597, Cl. 65-1.000.

Sriram, Sambamurthy; Steinbruegge, Kenneth; and Supertzi, Emmanuel, to Westinghouse Electric Corp. Wire grid polarizer. 4,512,638, 4-23-85, Cl. 350-372.000.

Srivastava, Gopal K., to Zenith Electronics Corporation. Self-gated AGC detector. 4,507,662, 3-26-85, Cl. 358-178.000.

Srivastava, Gopal K.: *See—*

Lai, Stephen H.; and Srivastava, Gopal K., 4,525,682, Cl. 330-288.000.

Srivastava, Prem C.: *See—*

Robins, Roland K.; and Srivastava, Prem C., 4,531,001, Cl. 536-55.000.

Srivastava, Suresh C.; Fawwaz, Rashid A.; and Richards, Powell, to United States of America, Energy. Radionuclide labeled lymphocytes for therapeutic use. 4,500,508, 2-19-85, Cl. 424-1.100.

Srivastava, Suresh C.; Meinken, George E.; and Richards, Powell, to United States of America, Energy. Tin-117m-labeled stannic (Sn^{4+}) chelates. 4,533,541, 8-6-85, Cl. 424-1.100.

SRP, Inc.: *See—*

Baillod, Frederic, 4,491,225, Cl. 206-583.000.

Srubar, Jiri : *See—*

Hau, Antonin; Srubar, Jiri ; Esenovskij-Laskov, Jurij K.; and Giruckij, Olgert I., 4,545,264, Cl. 74-688.000.

SS Pharmaceutical Co., Ltd.: *See—*

Honda, Haruyoshi; Sato, Susumu; Isomae, Kazuo; Ookawa, Junji; and Kuwamura, Tsukasa, 4,560,785, Cl. 560-52.000.

Satoh, Susumu; Mogi, Kinichi; Murakami, Saburo; and Nakashima, Toshiaki, 4,548,753, Cl. 260-410.000.

Yokoi, Koichi; Tachibana, Koichi; Isomae, Kazuo; and Nakashima, Toshiaki, 4,501,752, Cl. 514-414.000.

SSAC, Inc.: *See—*

Rolland, Gerard T., 4,518,849, Cl. 219-492.000.

SSIH Equipment S.A.: *See—*

Bovay, Jean-Pierre, 4,523,204, Cl. 346-107.00B.

SSK Enterprises, Inc.: *See—*

Kara, Stephen, 4,558,386, Cl. 360-128.000.

SSP Pumps Limited: *See—*

Ellis, Bryan E., 4,511,316, Cl. 418-150.000.

Sta-Rite Industries, Inc.: *See—*

Argiropoulos, George D.; and Sahachaisere, Somchai, 4,537,681, Cl. 210-317.000.

Ehret, Gordon F., 4,543,623, Cl. 362-267.000.

Staab, Donald C.; and Farley, Clayton E., to MU, Inc. Pavement grinding apparatus. 4,516,808, 5-14-85, Cl. 299-39.000.

Staack, Gerald F.: *See—*

Ford, James A.; Staack, Gerald F.; and Waite, Phillip, 4,557,414, Cl. 229-5.500.

Staalkat B.V.: *See—*

van der Schoot, Jelle, 4,553,661, Cl. 198-428.000.

Staar, Marcel J., to Staar S.A. Helicoidal loading and unloading mechanism for disc player apparatus. 4,513,409, 4-23-85, Cl. 369-77.100.

Staar, Marcel J. H., to Staar S.A. Record loading apparatus for a slot type record player. 4,523,306, 6-11-85, Cl. 369-77.100.

Staar S.A.: *See—*

d'Alayer de Costemore d'Arc, Stephane, 4,520,470, Cl. 369-72.000.

d'Alayer de Costemore d'Arc, Stephane A. M., 4,553,231, Cl. 369-263.000.

d'Alayer de Costemore d'Arc, Stephane M., 4,497,049, Cl. 369-50.000.

d'Alayer de Costemore d'Arc, Stephane M. A., 4,527,264, Cl. 369-77.100.

D'Alayer de Costemore d'Arc, Stephane M. A., 4,527,265, Cl. 369-244.000.

d'Alayer de Costemore d'Arc, Stephane M. A., 4,529,149, Cl. 242-199.000.

d'Alayer de Costemore d'Arc, Stephane M. A., 4,530,014, Cl. 360-33.100.

Denis, Philippe V., 4,519,059, Cl. 369-74.000.

Schatteman, Etienne A., 4,498,162, Cl. 369-77.100.

Schatteman, Etienne A., 4,510,591, Cl. 369-77.100.

Schatteman, Etienne A., 4,546,396, Cl. 360-96.500.

Staar, Marcel J., 4,513,409, Cl. 369-77.100.

Staar, Marcel J. H., 4,523,306, Cl. 369-77.100.

Staat, Karl-Hans; and Moltner, Hermann, to Kocks Technik GmbH & Co. Rolling mill plants. 4,501,134, 2-26-85, Cl. 72-8.000.

Staats, Gotthard: *See—*

Eschmann, Friedrich; Gelsdorf, Gunter; Nold, Peter; Staats, Gotthard; and Subat, Gerhard, 4,508,504, Cl. 432-217.000.

Staats, James E., to General Electric Company. Microwave oven door seal. 4,523,069, 6-11-85, Cl. 219-10.55D.

Staats, Jean B. C. H.; and Declerck, Gabriel D., to U.S. Philips Corporation. Resistor having a positive temperature coefficient. 4,492,947, 1-8-85, Cl. 338-22.00R.

Staats, Thomas A.: *See—*

Smitherman, Robert A.; Staats, Thomas A.; and Hoover, William E., 4,561,137, Cl. 5-12.00R.

Staba, E. John; and MacCarthy, Jean J., to University of Minnesota, Regents of the. Steroidal glycosides produced by Yucca tissue culture. 4,562,250, 12-31-85, Cl. 536-6.000.

Staba, E. John: *See—*

Zito, Santo W.; and Staba, E. John, 4,525,455, Cl. 435-135.000.

Stabeg Apparatebaugesellschaft m.b.H.: *See—*

Salansky, Werner, 4,551,791, Cl. 362-296.000.

Stabenow, Joachim: *See—*

Marosi, Laszlo; Schlimper, Hans-Ulrich; Schwarzmann, Matthias; and Stabenow, Joachim, 4,551,321, Cl. 423-329.000.

Stabilimento Industriale s.r.l.: *See—*

Primati, Marco; and Calderini, Leonardo, 4,553,343, Cl. 38-33.000.

Stabilus GmbH: *See—*

Reuschenbach, Hermann; and Sentinger, Egon, 4,526,088, Cl. 92-12.000.

Stablein, Bruno: *See—*

Reinlein, Karl-Heinz; and Stablein, Bruno, 4,534,311, Cl. 118-630.000.

Stabler, Manfred: *See—*

Borst, Erich; Schadlich, Fritz; and Stabler, Manfred, 4,516,045, Cl. 310-68.00E.

Stace-Allen Chuck, Inc.: *See—*

Allen, Joseph S., 4,497,499, Cl. 279-119.000.

Stace, Richard J. L., to Ford Motor Company. Internal combustion engine and cylinder head therefor. 4,513,709, 4-30-85, Cl. 123-306.000.

Stacey, Albert B., Jr., to United States of America, National Aeronautics and Space Administration. Mechanical fastener. 4,520,601, 6-4-85, Cl. 52-127.700.

Stacey, Joseph M., to United States of America, National Aeronautics and Space Administration. Method of measuring sea surface water temperature with a satellite including wideband passive synthetic-aperture multichannel receiver. 4,499,470, 2-12-85, Cl. 343-352.000.

Stacey, Robert E., to Micro Spray (Australia) Pty. Ltd. Agricultural spraying device. 4,542,855, 9-24-85, Cl. 239-690.000.

Stacey, Robert E.: *See—*

Ronco, Kenneth J.; Sommer, Robert; Nigel, Ken; Grimes, Donald; Zirbes, James A.; and Stacey, Robert E., 4,518,077, Cl. 198-731.000.

Stach, Heinrich: *See—*

Elter, Claus; Schneider, Karl U.; Schoning, Josef; Stach, Heinrich; and Stracke, Wilfried, 4,504,439, Cl. 376-391.000.

Stach, Joseph: *See—*

Tressler, Richard E.; Stach, Joseph; and Baeten, Roger L., 4,518,349, Cl. 432-11.000.

Stach, Leonard J., to Velsicol Chemical Corporation. Herbicidal oxime esters of 2-methoxy-3,6-dichlorobenzoic acid. 4,491,469, 1-1-85, Cl. 71-121.000.

Stach, Leonard J., to Velsicol Chemical Corporation. Method of increasing the recoverable sugar from sugar beets. 4,536,210, 8-20-85, Cl. 71-118.000.

Stach, Leonard J.: *See—*

Luteri, George F.; Stach, Leonard J.; and Nickell, Louis G., 4,546,196, Cl. 560-65.000.

Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., 4,540,431, Cl. 71-107.000.

Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., 4,545,813, Cl. 71-107.000.

Nickell, Louis G.; and Stach, Leonard J., 4,559,080, Cl. 71-92.000.

Stache, Detlev: *See—*

Krautkremer, Franz; Lais, Siegfried; Knecht, Reinhold; and Stache, Detlev, 4,519,335, Cl. 114-144.00R.

Stacher, Miguel A.: *See—*

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Stachura, Victor J., to American Precision Industries, Inc. Heat exchanger. 4,548,260, 10-22-85, Cl. 165-78.000.

Stack, Eugene V., to Dow Chemical Company, The. Plastic lined diaphragm valve. 4,538,638, 9-3-85, Cl. 137-375.000.

Stack, Gary P.; and Moyer, John A., to American Home Products Corporation. β-Carboline anticonvulsants. 4,539,407, 9-3-85, Cl. 546-87.000.

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Stackhouse, Bill L., to General Electric Company. Voice-responsive mobile status unit. 4,525,793, 6-25-85, Cl. 364-513.500.

Stackhouse, James L., Jr., to Emerson Electric Co. Saw blade guard. 4,532,841, 8-6-85, Cl. 83-102.100.

Stackhouse, Kenneth B.; and Hill, William D., to General Electric Company. Testable time delay. 4,519,090, 5-21-85, Cl. 377-29.000.

Stackhouse, Kenneth B.: *See—*

Dennis, Ulric E.; Hollenbeck, Dennis W.; Kirtland, John A.; Stackhouse, Kenneth B.; Wilson, Patricia A.; Hill, William D.; Akers, David D.; and Hill, Elmer D., 4,517,154, Cl. 376-259.000.

Stackhouse, Wells F., to American Locker Security Systems, Inc. Coin counting and release mechanism. 4,513,851, 4-30-85, Cl. 194-51.000.

Stackhouse, Wells F., to American Locker Security Systems, Inc. Coin operated lock unit. 4,557,365, 12-10-85, Cl. 194-1.00G.

Stacklies, Horst: *See—*

Machler, Meinrad; Sachse, Richard; Stacklies, Horst; and Schindler, Achim, 4,496,416, Cl. 156-293.000.

Stackling, Hakan, to Aktiebolaget SKF. Multiple-row roller bearing with a guiding ring. 4,530,610, 7-23-85, Cl. 384-560.000.

Stackman, Robert W.; Summerville, Richard H., deceased, and Summerville, James E., Jr., heir, to Celanese Corporation. Production of N-vinyl carboxylic acid amides. 4,554,377, 11-19-85, Cl. 564-205.000.

Stackpole Limited: *See—*
King, George W., 4,544,431, Cl. 156-256.000.

Staco Stapelmann GmbH: *See—*
Pinger, Egon; and Stapelmann, Jan W., 4,539,457, Cl. 219-58.000.

Stacpoole, Peter W., to University of Florida. Treatment of metabolic disorders with dichloroacetate-thiamine preparations. 4,558,050, 12-10-85, Cl. 514-252.000.

Stacy, George F., to HSS Industries, Inc. Rotary post office box and equipment enclosure. 4,509,676, 4-9-85, Cl. 232-43.400.

Stade, Kurt, to AUTOMATIK Apparate-Maschinenbau H. Hench GmbH. Multishafted, continuous mixing and kneading of plastifiable materials. 4,534,652, 8-13-85, Cl. 366-85.000.

Stade, Kurt: *See—*
Blach, Josef A.; and Stade, Kurt, 4,527,899, Cl. 366-79.000.

Stadelhofer, Jurgen: *See—*
Grigoleit, Georg; Oberkobusch, Rudolf; Stadelhofer, Jurgen; and Matern, Kurt, 4,523,016, Cl. 546-252.000.

Stadelmaier, Hans H.; and ElMasry, Nadia A., to North Carolina State University. Method of producing high performance permanent magnets. 4,541,877, 9-17-85, Cl. 148-101.000.

Stadelmaier, Robert A.: *See—*
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Stadjuhar, Robert C.; and Renfro, Cecil S., to Skyline Products, Inc. Method and apparatus for symbol display device. 4,496,945, 1-29-85, Cl. 340-764.000.

Stadler, Eberhard: *See—*
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Knothe, Erich; Eger, Matthias; Stadler, Eberhard; and Engelhardt, Herbert, 4,542,800, Cl. 177-211.000.

Stadler, Ewald: *See—*
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Stadler, Heinz: *See—*
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Stadler nee Szoke, Agnes: *See—*
Szejtli, Jozsef; Stadler nee Szoke, Agnes; Vikmon nee Kiraly, Maria; Korbonits, Dezso; Virag, Sandor; Turcsan, Istvan; and Kiss, Pal, 4,518,588, Cl. 514-58.000.
Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.

Stadler, Siegmund: *See—*
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Stadtfeld, Gerhard: *See—*
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Staedeli, Otto: *See—*
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Staeheli, Paul: *See—*
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Staehle, Bruce E.: *See—*
Frame, Robert R.; Johnson, Russell W.; and Staehle, Bruce E., 4,502,949, Cl. 208-207.000.

Staehli, Urs, to Rieter Machine Works, Ltd. Grating arrangement for an opening roller for fibers. 4,505,005, 3-19-85, Cl. 19-200.000.

Staehli, Urs, to Rieter Machine Works, Ltd. Cleaning machine for fiber material. 4,507,827, 4-2-85, Cl. 19-200.000.

Staehlin, John H., to Westinghouse Electric Corp. Antenna stow mechanism. 4,538,154, 8-27-85, Cl. 343-705.000.

Staehr, Peter R.: *See—*
Claren, Jan S.; Jeppsson, Jan-Bertil; and Staehr, Peter R., 4,535,635, Cl. 73-756.000.

Staendeke, Horst; Dany, Franz-Josef; and Kandler, Joachim, to Hoechst Aktiengesellschaft. Polyol pre-mixture for making flame-retardant poly-urethane foam plastics. 4,505,849, 3-19-85, Cl. 252-609.000.

Staendeke, Horst; Dany, Franz-Josef; and Kandler, Joachim, to Hoechst Aktiengesellschaft. Particulate material reducing the ignitability of combustible substances. 4,514,328, 4-30-85, Cl. 252-609.000.

Staendeke, Horst: *See—*
Maurer, Alexander; and Staendeke, Horst, 4,515,632, Cl. 106-18.160.

Staerzl, Richard E., to Brunswick Corporation. Electrode apparatus for cathodic protection. 4,492,877, 1-8-85, Cl. 307-95.000.

Staerzl, Richard E., to Brunswick Corporation. Fuel flow monitor for an electronic fuel injection circuit. 4,523,572, 6-18-85, Cl. 123-494.000.

Staerzl, Richard E., to Brunswick Corporation. Cathodic protection controller. 4,528,460, 7-9-85, Cl. 307-95.000.

Staerzl, Richard E., to Brunswick Corporation. Binary and proportional control for a feedback carburetor. 4,532,903, 8-6-85, Cl. 123-436.000.

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Staffa, Karl-Heinz: *See—*
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Humpolik, Bohumil; and Staffa, Karl-Heinz, 4,513,587, Cl. 62-515.000.

Staffeld, Stanley E. Connector and insertion tool. 4,507,817, 4-2-85, Cl. 7-158.000.

Staffin, H. Kenneth; Roaper, Robert B.; and Bickford, Karin S., to Procedyne Corp. Method and apparatus for thermal testing. 4,519,718, 5-28-85, Cl. 374-45.000.

Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., to Procedyne Corp. Method for metal treatment using a fluidized bed. 4,512,821, 4-23-85, Cl. 148-16.500.

Staffin, Robert; Girrell, Carol A.; and Fronzoni, Mario A., to Procedyne Corp. Apparatus for metal treatment. 4,524,957, 6-25-85, Cl. 266-252.000.

Stafford, Charles W.: *See—*
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Stafford, Donald C.: *See—*
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Stafford, Donald W.: *See—*
Bartlett, John C.; Bohnhoff, Alan E.; Croley, Donald F.; Dyer, Stanley; Edds, Kenneth E.; Horlander, Frank J.; and Stafford, Donald W., 4,545,693, Cl. 400-120.000.

Stafford, George C.; Kelley, Paul E.; and Stephens, David R., to Finnigan Corporation. Method of mass analyzing a sample by use of a quadrupole ion trap. 4,540,884, 9-10-85, Cl. 250-282.000.

Stafford, Irvin G.: *See—*
Seitz, Charles L.; Grunewald, Paul; Parker, Marshall M.; and Stafford, Irvin G., 4,513,278, Cl. 340-347.0DA.

Stafford, John P.: *See—*
DuPont, Preston S.; Ritter, Robert E.; and Stafford, John P., 4,534,998, Cl. 427-122.000.

Stafford, Lawrence R. Safety device for scaffold. 4,516,661, 5-14-85, Cl. 182-82.000.

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Stafford, Richard J., 4,493,202, Cl. 72-353.000.

Stafford, Richard J., to Stafford Rail Products, Inc. Railroad spike forging machine. 4,493,202, 1-15-85, Cl. 72-353.000.

Stafford, Rita A.: *See—*
Garley, Anthony M.; and Stafford, Rita A., 4,510,876, Cl. 112-262.100.

Stafford, Sally S.: *See—*
Forsythe, Jesse G., Jr.; and Stafford, Sally S., 4,549,655, Cl. 206-569.000.

Stageman, John F., to Imperial Chemical Industries PLC. Extraction process. 4,562,245, 12-31-85, Cl. 528-361.000.

Stager, Daniel J. Welding rod package. 4,497,407, 2-5-85, Cl. 206-443.000.

Stager, David N.: *See—*
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Stagg, George A., Jr., to Pentad Corp. Device for randomly selecting numbers. 4,545,578, 10-8-85, Cl. 273-144.00B.

Staggs, Michael J.; and Starnes, Gary D. Refrigerant recovery and charging device. 4,539,817, 9-10-85, Cl. 62-149.000.

Stahel, Alwin J., to Drag Specialties, Inc. Anti-slip handlebar grip. 4,535,649, 8-20-85, Cl. 74-551.900.

Stahel, Nancy G., to Land O'Lakes, Inc. Method of treating oilseed material. 4,543,264, 9-24-85, Cl. 426-629.000.

Stahel, Paul: *See—*
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Staheli, Werner: *See—*
Meier, Hans; and Staheli, Werner, 4,505,186, Cl. 92-5.00R.

Stahl, Alan L.: *See—*
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Stahl, Andre; Munier, Daniel; and Bertrand, Andre, to Quartz & Electronique Alcatel. Support for an oscillator. 4,502,022, 2-26-85, Cl. 331-68.000.

Stahl, Benedict J.; and Hierman, Thomas L., to Stahl, Benedict J. Multiple-unit mail box. 4,557,416, 12-10-85, Cl. 232-24.000.

Stahl, Bernhard; and Bohm, Horst, to Optima-Spanntechnik GmbH, Firma. Bracing device for machine tools. 4,503,725, 3-12-85, Cl. 74-424.80B.

Stahl, Charles R.; and Perugi, Archie H., to General Electric Company. Gas turbine power plant. 4,492,085, 1-8-85, Cl. 60-649.000.

Stahl, Charles R., to General Electric Company. Closed-cycle gas turbine chemical processor. 4,528,811, 7-16-85, Cl. 60-39.070.

Stahl, Daniel E.: *See—*
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Hamsher, Wilbur A., Jr.; and Stahl, Daniel E., 4,491,381, Cl. 339-107.000.

Stahl, Douglas C., to GTE Automatic Electric Laboratories Incorporated. Single power supply battery feed circuit. 4,558,186, 12-10-85, Cl. 179-170.0NC.

Stahl, Edward L.: *See—*
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Stahl, Egon; and Quirin, Karl-Werner, to SKW Trostberg Aktiengesellschaft. Process for the extractive production of valuable natural waxes. 4,548,755, 10-22-85, Cl. 260-412.800.

Stahl, G. Allan: *See—*
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Stahl, Glenn L.: *See—*
Orlowski, Ronald C.; Stahl, Glenn L.; and Colescott, Robert L., 4,528,132, Cl. 260-112.50T.

Seyler, Jay K.; Stahl, Glenn L.; and Orlowski, Ronald C., 4,497,732, Cl. 260-112.50T.
Stahl, Gunther: *See—*
Ramcke, Bernd; and Stahl, Gunther, 4,508,210, Cl. 198-627.000.
Stahl, Gunther R., to General Electric Company. Tool holder clamping means. 4,499,800, 2-19-85, Cl. 82-36.00R.
Stahl, Hans V., to Saab-Scania Aktiebolag. Method of preventing erroneous gear selection in a vehicle transmission. 4,495,457, 1-22-85, Cl. 364-424.100.
Stahl, Hans V.: *See—*
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Stahl, Howard D.: *See—*
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Stahl, Jochen, to Siemens Aktiengesellschaft. Electron tube, especially transmitting tube, with a device for eliminating interfering retarding-field effects. 4,501,990, 2-26-85, Cl. 313-299.000.
Stahl, Jurgen: *See—*
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Stahl, Karl-Heinz; and Fend, Fritz, to Stahl, Karl Heinz. Control valve for a burner with shutoff characteristics. 4,504,214, 3-12-85, Cl. 431-121.000.
Stahl, Karl-Heinz. Resonant burner and starting mechanism therefor. 4,556,383, 12-3-85, Cl. 431-1.000.
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Stahl, Karl-Heinz; and Fend, Fritz, 4,504,214, Cl. 431-121.000.
Stahl, Konrad; Theiss, Josef; and Weber, Jochen, to Licentia Patent-Verwaltungs-GmbH. Radiation receiver and method of manufacturing such a receiver. 4,491,729, 1-1-85, Cl. 250-336.100.
Stahl, Kurt. Carrier body for a disc brake pad. 4,552,252, 11-12-85, Cl. 188-73.100.
Stahl, Philip; Fuller, Dudley D.; and Rippel, Harry C., to Ferrofluidics Corporation. Ferrofluid thrust and radial bearing assembly. 4,526,484, 7-2-85, Cl. 384-133.000.
Stahl, Steven B.; Bakhshi, Shiv K.; and Naul, George M., to Owens-Corning Fiberglas Corporation. Molding of glass wool with wrinkle-free surface. 4,508,673, 4-2-85, Cl. 264-120.000.
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Stahl, Werner; and Muller, Jurgen, to AGFA-Gevaert, A.G. Apparatus for manipulating stacked X-ray sheets or the like. 4,509,736, 4-9-85, Cl. 271-11.000.
Stahl, Werner; and Muller, Jurgen, to AGFA-Gevaert, A.G. Method and apparatus for singularizing stacked X-ray films or the like. 4,516,763, 5-14-85, Cl. 271-11.000.
Stahl, Werner. Decanter-type separating apparatus. 4,517,092, 5-14-85, Cl. 210-512.100.
Stahl, Werner; and Barten, Axel. Work-holding fixture for metal power saws. 4,553,460, 11-19-85, Cl. 83-113.000.
Stahl, William L., Jr.: *See—*
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Kraft, Wayne R.; Moore, Victor S.; Stahl, William L., Jr.; and Thoma, Nandor G., 4,531,068, Cl. 307-473.000.
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Stahlcord Betriebsgesellschaft m.b.H.: *See—*
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Stahle, Martin. Open-type centrifugal pump with single-blade impeller. 4,540,334, 9-10-85, Cl. 415-72.000.
Stahlecker, Fritz; and Braxmeier, Hans, to Stahlecker, Fritz; and Stahlecker, Hans. Apparatus and method for forming a wrapped yarn. 4,495,758, 1-29-85, Cl. 57-19.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Pneumatic cleaning apparatus for open end friction spinning machines. 4,514,972, 5-7-85, Cl. 57-301.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Mobile cleaning device for open end friction spinning machines. 4,514,973, 5-7-85, Cl. 57-301.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Open end friction spinning machine. 4,514,974, 5-7-85, Cl. 57-401.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Friction roller arrangement for open end friction spinning machine. 4,514,975, 5-7-85, Cl. 57-401.000.
Stahlecker, Fritz; and Raasch, Hans, to Stahlecker, Fritz; and Stahlecker, Hans. Open end yarn spinning apparatus. 4,516,396, 5-14-85, Cl. 57-407.000.
Stahlecker, Fritz, to Stahlecker, Hans, a part interest. Wrapped yarn spinning machine with several spinning places. 4,519,196, 5-28-85, Cl. 57-18.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Open end friction spinning machine. 4,522,023, 6-11-85, Cl. 57-401.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Adjustable bearing support for open-end friction spinning rollers. 4,537,022, 8-27-85, Cl. 57-401.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Fiber feed arrangement. 4,539,806, 9-10-85, Cl. 57-400.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Open end friction spinning apparatus. 4,539,807, 9-10-85, Cl. 57-401.000.
Stahlecker, Fritz; and Lang, Kurt, to Stahlecker, Hans; and Stahlecker, Fritz. Spinning aggregate for wrapped yarn. 4,558,562, 12-17-85, Cl. 57-18.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Yarn piecing arrangement for an open-end friction spinning machine. 4,559,774, 12-24-85, Cl. 57-263.000.
Stahlecker, Fritz, to Stahlecker, Hans; and Stahlecker, Fritz. Start spinning arrangement for an open end friction spinning machine. 4,561,242, 12-31-85, Cl. 57-263.000.
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Stahlhofen, Paul, to Hoechst Aktiengesellschaft. Light-sensitive mixture based on O-naphthoquinone-diazides, and light-sensitive copying material prepared therefrom. 4,517,275, 5-14-85, Cl. 430-165.000.
Stahlhofen, Paul, to Hoechst Aktiengesellschaft. Light-sensitive, positive-working copying material having a rough surface provided by pigments in light-sensitive layer. 4,560,636, 12-24-85, Cl. 430-165.000.
Stahlhut, Leo G., to Emerson Electric Co. Monolithic ceiling modules and ceiling system. 4,493,171, 1-15-85, Cl. 52-28.000.
Stahli, Peter, to E. Frohlich AG. Process for preparation of a row of two different and alternating types of drop wires, and an assembly resulting from such process. 4,549,333, 10-29-85, Cl. 28-205.000.
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Stahly, Barbara C.; and Stahly, G. Patrick, to Ethyl Corporation. Nucleophilic substitution process. 4,499,026, 2-12-85, Cl. 260-465.00R.
Stahly, Barbara C.; and Stahly, G. Patrick, to Ethyl Corporation. Nucleophilic substitution process. 4,502,995, 3-5-85, Cl. 260-465.00G.
Stahly, Barbara C.; and Stahly, G. Patrick, to Ethyl Corporation. Nucleophilic substitution process. 4,502,998, 3-5-85, Cl. 260-465.00R.
Stahly, Barbara C.: *See—*
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Stahly, G. Patrick, to Ethyl Corporation. Nucleophilic substitution process. 4,502,996, 3-5-85, Cl. 260-465.00G.
Stahly, G. Patrick; and Stahly, Barbara C., to Ethyl Corporation. Nucleophilic substitution process. 4,511,729, 4-16-85, Cl. 560-020.000.
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  - Stahly, Barbara C.; and Stahly, G. Patrick, 4,499,026, Cl. 260-465.00R.
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  - Thibonnet, Bernard, 4,534,408, Cl. 165-108.000.
- Staib, William G., to Southwire Company. Molten copper oxygenation apparatus. 4,519,588, 5-28-85, Cl. 266-220.000.
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- Stalder, Martin: *See—*
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- Stallard, Paul: *See—*
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  - van de Leemput, Lambertus J. M. A.; Nooijen, Godefridus A. H.; and van der Loo, Hendrikus W., 4,504,592, Cl. 502-104.000.
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Hensley, Albert L., Jr.; and Quick, Leonard M., 4,493,761, Cl. 208-10.000.
Hensley, Albert L., Jr.; and Quick, Leonard M., 4,495,062, Cl. 208-111.000.
Hoekstra, George R.; and Forgac, John M., 4,532,991, Cl. 166-261.000.
Hopkins, P. Donald; Nevitt, Thomas D.; and Unmuth, Eugene E., 4,560,469, Cl. 208-110.000.
Howe, Arthur T., 4,492,743, Cl. 429-111.000.
Howe, Arthur T., 4,521,800, Cl. 357-67.000.
Howe, Arthur T., 4,534,099, Cl. 29-572.000.
Jageler, Alfred H., 4,535,843, Cl. 166-250.000.
Johnson, Bryce V.; Karayannis, Nicholas M.; and Skryantz, John S., 4,526,882, Cl. 502-105.000.
Kelterborn, Jeffrey C.; and Stone, Richard A., 4,539,097, Cl. 208-11.0LE.
Kilner, Peter H.; Egan, Joseph P., Jr.; Ceisel, Stephen G.; and Schammel, Wayne P., 4,537,978, Cl. 549-245.000.
Klotz, Marvin R.; and Peters, Edwin F., 4,499,325, Cl. 585-671.000.
Lautzenhiser, Theodore V., 4,513,618, Cl. 73-382.00G.
Maas, Edward T., Jr.; and Kalina, Davida W., 4,526,774, Cl. 423-573.00R.
Mahoney, John A.; Helstrom, John J.; and Tait, A. Martin, 4,514,279, Cl. 208-10.000.
Mahoney, John A.; Pellet, Regis J.; and Helstrom, John J., 4,526,675, Cl. 208-10.000.
Melquist, John L., 4,499,326, Cl. 585-671.000.
Michel, Frederick A., 4,492,562, Cl. 431-177.000.
Miller, Jeffrey T.; and Nevitt, Thomas D., 4,496,785, Cl. 585-640.000.
Miller, Jeffrey T.; and Nevitt, Thomas D., 4,507,399, Cl. 502-63.000.
Miller, Jeffrey T.; and Nevitt, Thomas D., 4,507,400, Cl. 502-63.000.
Miller, Jeffrey T.; and Hensley, Albert L., Jr., 4,551,572, Cl. 585-454.000.
Miller, Jeffrey T.; and Hensley, Albert L., Jr., 4,559,363, Cl. 518-711.000.
Nimry, Tayseer S.; and Fields, Ellis K., 4,507,186, Cl. 204-158.00R.
Nimry, Tayseer S.; and Fields, Ellis K., 4,508,605, Cl. 204-158.00R.
O'Grady, Thomas M.; Tatterson, David F.; and Coates, Ronald, 4,536,277, Cl. 208-11.00R.
Palm, John W.; and Kunkel, Lorenz V., 4,526,590, Cl. 55-27.000.
Papadopoulos, Christos G.; and Calamur, Narasimhan, 4,548,706, Cl. 208-130.000.
Pellet, Regis J., 4,518,709, Cl. 502-254.000.
Petty-Weeks, Bruce C.; and Zeitlin, Martin A., 4,500,732, Cl. 562-486.000.
Pillsbury, Dale G., 4,526,724, Cl. 556-43.000.
Pocock, John F. E.; Cole, Charles A.; Villanueva, James G.; Matlack, John D.; and Lewis, Shelton E., 4,534,995, Cl. 427-38.000.
Poppe, Wassily; Chen, Yu-Tsai; and Autry, Larry W., 4,495,328, Cl. 524-606.000.
Prater, Keith B.; Thrash, Robert J.; and Connolly, John F., 4,520,083, Cl. 429-101.000.
Puri, Rajen, 4,537,252, Cl. 166-245.000.
Puskas, Imre, 4,514,516, Cl. 502-202.000.
Puskas, Imre; and Schmitt, Marshall, 4,537,985, Cl. 560-96.000.
Reed, Robert L., 4,507,275, Cl. 423-574.00R.
Reed, Robert L., 4,508,698, Cl. 423-574.00R.
Schneider, Daniel J.; and Reiter, Jeffrey S., 4,547,412, Cl. 428-35.000.
Sikkenga, David L., 4,503,282, Cl. 585-671.000.
Sikkenga, David L., 4,550,091, Cl. 502-62.000.
Sinclair, David P., 4,528,361, Cl. 528-323.000.
Stephens, James R., 4,500,701, Cl. 528-363.000.
Stephens, James R., 4,501,880, Cl. 528-322.000.
Tatterson, David F.; O'Grady, Thomas M.; and Coates, Ronald, 4,536,278, Cl. 208-11.00R.
Tinker, Lawrence A.; and Harkness, Allan C., 4,520,084, Cl. 429-101.000.
Udovich, Carl A.; and Edwards, Robert C., 4,510,259, Cl. 502-209.000.
Vasalos, Iacovos, 4,511,434, Cl. 202-99.000.
Venardos, Dean G.; and Grieves, Colin G., 4,495,056, Cl. 208-11.00R.
Walker, Donald C.; and Ginsburgh, Irwin, 4,505,308, Cl. 141-59.000.
Watson, George H.; McWhorter, David B.; and Brown, Adrian, 4,529,497, Cl. 208-11.00R.
Wennerberg, Arnold N., 4,518,488, Cl. 208-216.00R.
West, C. Thomas; and Basalay, Robert J., 4,500,439, Cl. 252-46.400.
Winzenburg, Mark L.; Fields, Ellis K.; and Shneider, Benjamin L., 4,536,560, Cl. 528-188.000.
Standard Oil Company (Ohio), The: *See—*
Basol, Bulent M.; Tseng, Eric S.; and Lo, Dennis S., 4,548,681, Cl. 204-2.100.
Callahan, James L.; Shaw, Wilfrid G.; and Miller, Arthur F., 4,528,398, Cl. 562-534.000.
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Harris, Jonathan H.; Tenhover, Michael A.; Grasselli, Robert K.; and Ward, Michael D., 4,560,454, Cl. 204-128.000.
Pesa, Frederick A.; and Graham, Anne M., 4,510,320, Cl. 560-265.000.
Pesa, Frederick A.; and Haase, Thomas A., 4,536,597, Cl. 562-522.000.
Pesa, Frederick A.; and Graham, Anne M., 4,551,442, Cl. 502-178.000.
Tenhover, Michael A.; Henderson, Richard S.; and Grasselli, Robert K., 4,537,624, Cl. 75-0.50B.
Tenhover, Michael A.; Henderson, Richard S.; and Fox, Joseph R., 4,537,625, Cl. 75-0.50A.
Vukanovic, Vladimir; Butler, Susannah M.; Fazekas, George; and Miller, John R., 4,505,947, Cl. 427-34.000.
Vukanovic, Vladimir, 4,536,640, Cl. 219-121.0PR.
Standard Precision, Inc.: *See—*
Papp, John E.; and Reed, Antony S., 4,549,773, Cl. 308-3.800.
Papp, John E.; and Reed, Antony S., 4,560,212, Cl. 308-3.800.
Standard Products Company, The: *See—*
Nussbaum, Joel H., 4,497,678, Cl. 156-244.110.
Nussbaum, Joel H., 4,515,649, Cl. 156-244.110.
Standard Register Company, The: *See—*
Maierson, Theodore, 4,556,687, Cl. 524-333.000.
Seitz, Michael E. A., 4,531,139, Cl. 346-201.000.
Vath, F. Leo, 4,524,903, Cl. 229-73.000.
Standard Societe Anonyme: *See—*
Van de Moortele, Guido, 4,522,229, Cl. 137-460.000.
Standard Telephones and Cables plc: *See—*
Adams, Graham L.; Briscoe, Peter F.; and Dyson, Arthur F., 4,545,108, Cl. 29-570.000.
Alexander, John H., 4,525,767, Cl. 361-321.000.
Gray, Edmund, 4,539,620, Cl. 361-275.000.
Howard, Kenneth G.; and Little, Ian E., 4,555,257, Cl. 65-13.000.
Jones, Stephen R., 4,525,312, Cl. 264-1.500.
Rokos, George H. S.; and Wilson, James S., 4,560,959, Cl. 331-176.000.
Sarson, Gary A., 4,541,088, Cl. 370-110.200.
Titchmarsh, James G.; and Hale, Peter G., 4,552,433, Cl. 350-96.230.
Wheeler, Jennifer M., 4,525,768, Cl. 361-321.000.
Wheeler, Jennifer M.; and Jackson, Dawn A., 4,536,821, Cl. 361-321.000.
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Standard-Thomson Corporation: *See—*
Duprez, Wayne R., 4,502,450, Cl. 123-516.000.
Duprez, Wayne R., 4,502,451, Cl. 123-516.000.
Duprez, Wayne R., 4,537,346, Cl. 236-34.500.
Wong, Backman, 4,524,907, Cl. 236-34.500.
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Gigli, Giuseppe, 4,540,303, Cl. 401-258.000.
Standex International Corporation: *See—*
Ekholm, Carl R., 4,523,581, Cl. 128-70.000.
Kowalski, Frank P., 4,520,800, Cl. 128-72.000.
Waterman, George W.; and Dionne, Arthur F., 4,496,129, Cl. 248-527.000.
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Standley, Paul M., to Dayco Corporation. Endless power transmission belt construction and method and apparatus for making the same. 4,511,521, 4-16-85, Cl. 264-24.000.
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Standley, Paul M.: *See—*
Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,494,947, Cl. 474-251.000.
Miranti, Joseph P., Jr.; Foley, Mark P.; Hollaway, Gerald C.; Oliver, Larry R.; Standley, Paul M.; and Lewis, James A., 4,559,029, Cl. 474-251.000.
Quick, Terrence R.; Standley, Paul M.; Foley, Mark P.; Howerton, Anderson W.; Miranti, Joseph P., Jr.; Oliver, Larry R.; Holloway, Gerald C., Jr.; and Richmond, Kenneth D., 4,525,150, Cl. 474-93.000.
Standley, Rosalie K. Rosette bow. 4,525,394, 6-25-85, Cl. 428-26.000.
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Prince, Jack A.; and Standridge, Bobby D., 4,516,731, Cl. 241-24.000.
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Donnelly, Albert J., 4,494,010, Cl. 307-33.000.
Stanefski, Eugene F.: *See—*
Sabatino, Anthony; Stanefski, Eugene F.; Romanchuk, Ronald N.; and Schaumburg, Edward G., 4,509,252, Cl. 29-623.100.

Schaumburg, Edward G.; and Stanefski, Eugene F., 4,515,187, Cl. 141-1.000.
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  Vernon, Caroline L.; and Stanek, Earl A., 4,557,960, Cl. 428-40.000.
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  Bloeck, Siegfried; and Stanek, Oldrich, 4,529,468, Cl. 156-320.000.
Stanek, Terrence L.: *See—*
  Spradling, Gene V.; and Stanek, Terrence L., 4,555,654, Cl 318-751.000.
Stanescu, Mircea S.; and Crouch, E. Donald, Jr., to BOC Group, Inc., The. Processes for heat treating ferrous material. 4,549,911, 10-29-85, Cl. 148-16.000.
Stanescu, Mircea S.: *See—*
  Kurie, John R.; and Stanescu, Mircea S., 4,540,362, Cl. 432-65.000.
Staneshin, Anatoly V.: *See—*
  Nosal, Vsevolod V.; Rybakov, Jury V.; Golovkin, Viktor T.; Novokreschenov, Mikhail M.; Lysikov, Boris V.; and Staneshin, Anatoly V., 4,538,350, Cl. 29-825.000.
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  Sittenthaler, Wilhelm; Sauter, Fritz; and Stanetty, Peter, 4,532,136, Cl. 514-277.000.
Stanfield, Alvin M., Jr. Shutter construction. 4,509,290, 4-9-85, Cl 49-92.000.
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  Still, Richard H.; Cawse, John L.; and Stanford, John L., 4,496,751, Cl. 549-472.000.
Stanford, Roy E., Jr. Toothbrushes for cleaning sulcular areas of the teeth. 4,517,701, 5-21-85, Cl. 15-106.000.
Stanford University: *See—*
  Linvill, John G., 4,491,760, Cl. 310-334.000.
  Tobagi, Fouad A.; Fratta, Luigi; and Borgonovo, Flaminio, 4,503,533, Cl. 370-85.000.
Stang, Hans-Peter; and Fischer, Dieter. Thread feed mechanism and method for textile machines. 4,504,022, 3-12-85, Cl. 242-47.010.
Stang, Howard D.: *See—*
  Salser, Winston A.; Cline, Martin J., and Stang, Howard D., 4,497,796, Cl. 424-95.000.
Stang Hydronics Inc.: *See—*
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Stang, John H.: *See—*
  Reichenbach, Dean H.; Stang, John H.; Cummings, Lewis W.; Glasson, Richard E.; and Ruthmansdorfer, David A., 4,520,627, Cl. 60-599.000.
Stange, Klaus K., to Xerox Corporation. Moving magnet cleaner. 4,547,063, 10-15-85, Cl. 355-15.000.
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Stangeland, Kjell-Egil, to Kverneland A/S. Plow assembly with turn limiter. 4,502,544, 3-5-85, Cl. 172-283.000.
Stangl, Kurt, to Voest-Alpine Aktiengesellschaft. Apparatus for a controlled supply of powder to a mold for continuous casting. 4,502,615, 3-5-85, Cl. 222-199.000.
Stangroom, James E., to National Research Development Corporation. Electro-rheological transducer. 4,493,615, 1-15-85, Cl. 417-48.000.
Stangroom, James E., to National Research Development Corporation. Electroviscous fluids. 4,502,973, 3-5-85, Cl. 252-73.000.
Stangroom, James E., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Fluid-powered actuators. 4,532,853, 8-6-85, Cl. 91-165.000.
Stanhope, Harry W.: *See—*
  Bell, Gilbert C.; and Stanhope, Harry W., 4,516,394, Cl. 57-234.000.
Stanich, Judith A. Padlock cover. 4,534,190, 8-13-85, Cl. 70-54.000.
Stanich, Judith A. Padlock cover. 4,555,920, 12-3-85, Cl. 70-54.000.
Stanich, Mikel J.: *See—*
  Higgins, Robert C.; Stanich, Mikel J.; and Wolfe, Larry L., 4,538,895, Cl. 355-3.00R.
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  Cogswell, Frederic N.; and Staniland, Philip A., 4,541,884, Cl. 156-166.000.
Stanislowski, Anna G.; and Wiersema, Richard J., to Clorox Company, The. Cooperative enzymes comprising alkaline or mixtures of alkaline and neutral proteases without stabilizers. 4,511,490, 4-16-85, Cl. 252-174.120.
Stankard, James M., to White Consolidated Industries, Inc. Split system air conditioner. 4,554,796, 11-26-85, Cl. 62-326.000.
Stanko, Ronald T., to Montefiore Hospital. Method for preventing body fat deposition in mammals. 4,548,937, 10-22-85, Cl. 514-251.000.
Stanland, Andrew J.: *See—*
  Chamberland, Roger R.; and Stanland, Andrew J., 4,498,491, Cl. 137-72.000.
  Olesen, Ralph C.; Sainati, Robert A.; Gropelli, John J., Jr.; and Stanland, Andrew J., 4,554,554, Cl. 343-895.000.
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Stanley, Arthur T.: *See—*
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Stanley Aviation Corporation: *See—*
  Valentine, Gordon A.; and Gale, Edwin J., 4,522,433, Cl 285-93.000.
Stanley, Bedford F. Portable water conditioner having separate containers for different conditioning materials. 4,541,926, 9-17-85, Cl 210-87.000.
Stanley, Carol A. J.; and Miller, Kim C., to Stash, Inc. Protective glove for maximized tactilegnosis. 4,561,122, 12-31-85, Cl. 2-20.000.
Stanley, Chester A.: *See—*
  Vukmanic, Ronald W.; Borucki, John S.; and Stanley, Chester A., 4,525,973, Cl. 52-667.000.
  Vukmanic, Ronald W.; Borucki, John S.; and Stanley, Chester A., 4,549,383, Cl. 52-667.000.
Stanley, Deryl B., to Cole-Parmer Instrument Company. Peristaltic pump. 4,552,516, 11-12-85, Cl. 417-477.000.
Stanley, Donald O.: *See—*
  Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,491,836, Cl. 340-747.000.
  Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,492,956, Cl. 340-723.000.
  Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,496,944, Cl. 340-723.000.
Stanley, Edwin L.: *See—*
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  Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,513,360, Cl. 363-20.000.
  Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,524,413, Cl. 363-127.000.
  Kajita, Masaki; Nakaya, Tomio; Hasegawa, Shinichi; and Fujita, Hisanori, 4,510,515, Cl. 357-17.000.
  Naete, Hidehiko; Funaoka, Chihiro; Augello, Daniel; and Coste, Jean-Claude, 4,560,885, Cl. 307-10.00R.
  Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased; Wada, Masami, heir; and Makuta, Yuri, heiress, 4,556,286, Cl. 350-335.000.
  Yasui, Masaru; and Kato, Kazuhisa, 4,532,196, Cl. 430-31.000.
Stanley, Frederick W., Jr., to Dow Chemical Company, The. Water-in-oil emulsions of hydrophobe association polymers. 4,524,175, 6-18-85, Cl. 524-831.000.
Stanley, Frederick W., Jr.: *See—*
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Stanley, Haydn T.; and Drake, Derek J., to Willards Foods Limited. Method of producing corrugated crisps. 4,530,849, 7-23-85, Cl. 426-439.000.
Stanley, John H., to Goodyear Tire & Rubber Company, The. Hose coupling crimper and method of crimping. 4,515,006, 5-7-85, Cl 72-402.000.
Stanley, Keith D.: *See—*
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Stanley, Louis, to Card-O-Matic Pty. Limited. Punch and winding machine. 4,507,947, 4-2-85, Cl. 72-130.000.
Stanley, Mary M.: *See—*
  Adair, Paul C.; Duda, Homer G.; Burkholder, Amy L.; Wright, Richard F.; and Stanley, Mary M., 4,507,381, Cl. 430-246.000.
Stanley, Mervin D.: *See—*
  Daghe, Joseph L.; Humes, Dennis W. and Stanley, Mervin D., 4,554,944, Cl. 137-296.000.
Stanley, Philip E.; and Szorc, Piotr, to Honeywell Information Systems Inc. Stack mechanism with the ability to dynamically alter the size of a stack in a data processing system. 4,524,416, 6-18-85, Cl 364-200.000.
Stanley, Philip E.: *See—*
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Stanley, Richard L.; and Henry, George R., to United States of America, Air Force. Fuel pump vent drain system. 4,539,809, 9-10-85, Cl. 60-39.094.
Stanley, Roderic K.; Milewits, Marvin; Knauer, Robert C., Jr.; and Bradfield, James E., to PA Incorporated. Magnetic flux method for measuring tubular wall thickness. 4,555,665, 11-26-85, Cl 324-229.000.
Stanley, Smith B.; and Alroy, Yoram A., to Alroy & Stanley Associates, Inc. Spectacles with extractable temples. 4,560,258, 12-24-85, Cl 351-115.000.
Stanley, Thomas R., to Teepak, Inc. Meat stuffing apparatus. 4,534,084, 8-13-85, Cl. 17-39.000.
Stanley Tools Limited: *See—*
  Gibbs, Andrew R., 4,522,539, Cl. 408-72.00R.
Stanley, W. Kent; and Tibbetts, George C., to Tibbetts Industries, Inc. Transducer with translationally adjustable armature. 4,518,831, 5-21-85, Cl. 179-119.00A.
Stanley, William W.; and Mikyska, Glenn E., to Cymatics, Inc. Electric control circuit. 4,543,493, 9-24-85, Cl. 307-126.000.
Stanley Works, The: *See—*
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  Remington, John L.; and Seidel, Harry W., 4,535,897, Cl 211-70.600.
  West, Robert F., 4,524,518, Cl. 30-330.000.
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Stannard, Charles G., to Sprinter Systems Incorporated. Mechanism for assembling tapered, nested containers. 4,522,618, 6-11-85, Cl 493-143.000.
Stannard, Ivan C.: *See—*
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Stanner, Donald; and Hughes, Walton, to General Motors Corporation. Cut out device. 4,540,331, 9-10-85, Cl. 414-730.000.
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Stansbury, Benjamin H., Jr., to McKesson Corporation. Adjustable safety spectacle. 4,544,245, 10-1-85, Cl. 351-120.000.
Stansbury, Benjamin H., Jr.: *See—*
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Stansel, F. Harrison: *See—*
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Stansfield, James F.; Toole, James; and Topham, Arthur, to Imperial Chemical Industries PLC. Dispersing agent for solids in polar organic liquids. 4,518,435, 5-21-85, Cl. 106-308.00N.
Stant Inc.: *See—*
  Harris, Robert S., 4,497,290, Cl. 123-179.00G.
  Harris, Robert S., 4,497,714, Cl. 210-788.000.
  Harris, Robert S., 4,498,493, Cl. 137-469.000.
  Reitzel, Henry M., 4,497,419, Cl. 220-302.000.
  Smith, Dwight D.; and Cranfill, Leonard J., 4,550,850, Cl. 220-253.000.
  Szlaga, Emil, 4,543,938, Cl. 123-514.000.
Stanton, Austin N. Building element for heat storage and transfer. 4,526,225, 7-2-85, Cl. 165-104.11A.
Stanton, Austin N. Watercraft having water jet lift. 4,541,357, 9-17-85, Cl. 114-67.00R.
Stanton, David J., to Medtronic, Inc. Fail-safe muscle stimulator device. 4,539,993, 9-10-85, Cl. 128-421.000.
Stanton, George E., to NuJack Oil Pump Corporation. Pump jack. 4,501,119, 2-26-85, Cl. 60-398.000.
Stanton, George E., to Nujack Oil Pump Corporation. Method for pumping a liquid from a well and apparatus for use. 4,526,048, 7-2-85, Cl. 74-53.000.
Stanton, George E., to Nujack Oil Pump Corporation. Method for pumping a liquid from a well and apparatus for use therein. 4,545,737, 10-8-85, Cl. 417-53.000.
Stanton, Joseph J.: *See—*
  Bishop, Timothy E.; Stanton, Joseph J.; Pasternack, George; and Cutler, Orvid R., Jr., 4,514,037, Cl. 350-96.230.
Stanton Magnetics, Inc.: *See—*
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Stanton, Norman C., to Tualatin Sleep Products, Inc. System for mounting a mattress cover to a mattress core. 4,490,866, 1-1-85, Cl. 5-471.000.
Stanton, Paul N.: *See—*
  Hibbs, David A.; Rickey, Wynn P.; and Stanton, Paul N., 4,549,578, Cl. 137-624.110.
Stanton, Philip H., to California Institute of Technology. Omnidirectional, circularly polarized, cylindrical microstrip antenna. 4,527,163, 7-2-85, Cl. 343-700.0MS
Stanton, Robert M.: *See—*
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Stanton and Staveley Limited: *See—*
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Stants, Richard O. Method and apparatus for controlling the loads or a plurality of units on a shared source. 4,520,274, 5-28-85, Cl. 307-39.000.
Stanuch, Edward S., to Federal Signal Corporation. Twin oscillating light. 4,511,880, 4-16-85, Cl. 340-84.000.
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  Spengler, Ernst M., 4,519,766, Cl. 425-302.100.
Stapelmann, Jan W.: *See—*
  Pinger, Egon; and Stapelmann, Jan W., 4,539,457, Cl. 219-58.000.
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  Schnellmann, Klaus, 4,545,234, Cl. 72-410.000.
Stapleford, Gary N.; and Borsa, Andrew J., to Wang Laboratories, Inc. Data communication system with increased effective bandwidth. 4,521,881, 6-4-85, Cl. 370-72.000.
Staples, Paul R., to E.M.B. Corporation. Door operated switch assembly. 4,514,603, 4-30-85, Cl. 200-61.620.
Staples, Thomas L.: *See—*
  Evani, Syamalarao; Oswald, James H.; Staples, Thomas L.; and Polak, Brent T., 4,535,098, Cl. 521-149.000.
Stapleton, Thomas T., to General Motors Corporation. Distinctness of image meter. 4,527,898, 7-9-85, Cl. 356-446.000.
Stapley, Edward O., to Merck & Co., Inc. Antibiotics-859A and production thereof. 4,521,408, 6-4-85, Cl. 424-115.000.
Staplin, Theodore R., Jr.; Bradley, John J.; King, Richard L.; Miller, Robert C.; Miu, Ming T.; and Shen, Jian-Kuo, to Honeywell Information Systems Inc. Data processing system having synchronous bus wait/retry cycle. 4,495,571, 1-22-85, Cl. 364-200.000.
Stapp, Paul R., to Phillips Petroleum Company. Oil recovery with surfactant flooding. 4,491,525, 1-1-85, Cl. 252-8.55D.
Stapp, Paul R.; and Chaney, Mary B., to Phillips Petroleum Company. Urea as a cosurfactant in enhanced oil recovery processes. 4,493,370, 1-15-85, Cl. 166-273.000.
Stapp, Paul R., to Phillips Petroleum Company. Surfactant and process for enhanced oil recovery. 4,504,399, 3-12-85, Cl. 252-8.55D.
Stapp, Paul R., to Phillips Petroleum Company. Dearsenating of shale oil with polyacrylamides. 4,541,918, 9-17-85, Cl. 208-87.000.
Stapp, Paul R., to Phillips Petroleum Company. Viscosity enhancement system. 4,542,789, 9-24-85, Cl. 166-274.000.
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  Shaw, James E.; and Stapp, Paul R., 4,494,604, Cl. 166-273.000.
  Wu, Yulin; and Stapp, Paul R., 4,556,111, Cl. 166-310.000.
Stappaerts, Eddy A., to Northrop Corporation. Uniform-field electrode. 4,523,320, 6-11-85, Cl. 372-87.000.
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  Haines, Robert E., 4,492,391, Cl. 285-114.000.
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  Corbett, Colin D.; Milloch, Robert L.; and Sarno, Felicisimo S., 4,508,741, Cl. 426-303.000.
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Star Textile Research, Inc.: *See—*
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Starbeck, Gerd: *See—*
  Hohne, Karl; and Starbeck, Gerd, 4,520,081, Cl. 429-19.000.
Stargardter, Hans, to United Technologies Corporation. Tandem fan stage for gas turbine engines. 4,512,718, 4-23-85, Cl. 416-231.00B.
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  Shemenski, Robert M.; Kim, Dong K.; and Starinshak, Thomas W., 4,545,834, Cl. 156-124.000.
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Stark, Glenn; and Barton, David M., to Victor Technologies Inc. Method and apparatus for improving disk storage capacity. 4,514,771, 4-30-85, Cl. 360-73.000.
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Stark, Josef: *See—*
  Gossmann, Willi; Pape, Gebhard; Klupfel, Norbert; Ludwig, Emil; Stark, Josef; Bauer, Bernhard; and Freund, Hans, 4,558,502, Cl. 29-434.000.
Stark, Marvin M.; Soelberg, Kenneth B.; and Pelzner, Roger B., to Marvin M. Stark Research Foundation. Light shield for a dental handpiece. 4,522,594, 6-11-85, Cl. 433-141.000.
Stark, Raymond L., to Alcon Laboratories, Inc. Aqueous antimicrobial ophthalmic solutions. 4,525,346, 6-25-85, Cl. 424-80.000.
Stark, Reimund: *See—*
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  Kuhnlein, Hans; and Stark, Reinhard, 4,531,843, Cl. 374-40.000.
Stark, Sven O. S.; and Andersson, Lars-Olof, to Tetra Pak International AB. Edge-bonding of sheet material. 4,544,093, 10-1-85, Cl. 229-43.000.
Stark, Terrence L., to General Motors Corporation. Diesel exhaust cleaner and burner system with multi-point igniters. 4,502,278, 3-5-85, Cl. 60-303.000.
Stark, Terrence L.; and Ludecke, Otto A., to General Motors Corporation. Diesel exhaust cleaner with glow plug igniters and flow limiting valve. 4,503,672, 3-12-85, Cl. 60-286.000.
Stark, Terrence L.: *See—*
  Ludecke, Otto A.; and Stark, Terrence L., 4,531,363, Cl. 60-303.000.
Stark, Terry R., to Williams Lumber Yard. Boat construction and method. 4,495,884, 1-29-85, Cl. 114-357.000.
Stark, Virgil; and Genequand, Pierre, to North American Utility Construction Corporation. Solar energy concentrating slat arrangement and collector. 4,520,794, 6-4-85, Cl. 126-438.000.
Stark, Walter. Housing for cross flow heat exchanger. 4,512,397, 4-23-85, Cl. 165-166.000.
Stark, William C. Paint shield holder and shielding method. 4,559,245, 12-17-85, Cl. 427-282.000.
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Starkenberg, John J.; and Gibbons, Gould, Jr., to United States of America, Army. Emulsion synthesized composite high explosives. 4,545,829, 10-8-85, Cl. 149-109.600.
Starkey, Stanley V.: *See—*
  Applegate, Barry G.; and Starkey, Stanley V., 4,503,965, Cl. 198-347.000.
Starkie, Alan H.: *See—*
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  Lipton, Lenny; Starks, Michael R.; Stewart, James D.; and Meyer, Lawrence D., 4,523,226, Cl. 358-88.000.
Starkston, Robert; Luce, Mark C.; and Homsy, Robert V., to Chevron Research Company. Method for removing sulfides from industrial gas. 4,539,189, 9-3-85, Cl. 423-220.000.

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  Rapp, Werner, 4,539,544, Cl. 335-296.000.
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Starmer, John E., to Metro Products (Accessories & Leisure) Limited. Tire pressure indicating device. 4,545,246, 10-8-85, Cl. 116-315.000.
Starmer, Philip H., to B. F. Goodrich Company, The. Carboxylated rubber composition containing scorch inhibitor. 4,529,766, 7-16-85, Cl. 524-310.000.
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  Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,533,900, Cl. 340-52.00R.
  Schweiger, Erwin; Starmuhler, Erwin; and Temmesfeld, Axel, 4,510,893, Cl. 123-41.020.
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Starnes, Gary D.: *See—*
  Staggs, Michael J.; and Starnes, Gary D., 4,539,817, Cl. 62-149.000.
Starnes, Peter E., to Bestobell (U.K.) Limited. Particle size analysis. 4,526,029, 7-2-85, Cl. 73-61.00R.
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Starnes, Ralph E., Jr.; and Carden, Danny P., to Southwire Company. Method and apparatus for stripping multiplex wire and cable. 4,519,131, 5-28-85, Cl. 29-825.000.
Starnes, Roger A. Serving dish with heating means. 4,493,978, 1-15-85, Cl. 219-438.000.
Staro, Giorgio. Device for tensioning material on frames. 4,549,596, 10-29-85, Cl. 160-374.100.
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  Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,506,940, Cl. 339-17.0LC.
  Asick, John C.; Douty, George H.; Landis, John M.; Snyder, Clair W., Jr.; and Staron, James S., 4,550,960, Cl. 339-14.00R.
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  Rice, Thomas E.; and Staropoli, Paul R., 4,537,452, Cl. 312-314.000.
Staroselsky, Naum; and Mirsky, Saul, to Compressor Controls Corporation. Method and apparatus for controlling a multicompressor station. 4,494,006, 1-15-85, Cl. 290-4.000.
Starostin, Alexandr M.; Malakhov, Alexei M.; Chertilina, Tamara A.; Ponomar, Vladislav I.; Postolaty, Nikolai I.; Kuchuk-Yatsenko, Sergei I.; Peretrukhin, Filipp I.; Gluschenko, Anatoly D.; Solodovnikov, Sergei A.; Shvets, Jury G.; and Serafin, Orest M. Resistance welding apparatus for joining pipes end to end. 4,499,364, 2-12-85, Cl. 219-161.000.
Starp, Franz; and Deisenroth, Werner. Mechanism for indicating and setting the parameters of exposure aperture and/or exposure time for photographic cameras. 4,514,066, 4-30-85, Cl. 354-273.000.
Starr, James A., to Atasi Corporation. Payload-protecting shipping container. 4,522,303, 6-11-85, Cl. 206-588.000.
Starr, James B., to Honeywell Inc. Semiconductor pressure transducer. 4,530,244, 7-23-85, Cl. 73-727.000.
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  Fox, Daniel W.; Kaduk, Bruce A.; and Starr, John B., Jr., 4,507,442, Cl. 525-439.000.
  Jones, James F.; and Starr, John B., Jr., 4,550,155, Cl. 528-176.000.
Starr, Maurice, to American Monitor Corporation. Reagent dispensing system. 4,503,012, 3-5-85, Cl. 422-100.000.
Starr, Thomas J. J., to AT&T Bell Laboratories. Method and apparatus for bus fault location. 4,514,845, 4-30-85, Cl. 371-15.000.
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Starski, Wojciech, to RCA Corporation. Component lead processing apparatus. 4,557,043, 12-10-85, Cl. 29-741.000.
Starta, Daniel G.; and Hood, Richard W., to Elliott Turbomachinery Co., Inc. Thrust bearing scraping tool. 4,495,842, 1-29-85, Cl. 82-4.00R.
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Stasiek, Jan S.; and Deyhimy, Ira, to J. S. Technology, Inc. Digital indicating torque wrench. 4,558,601, 12-17-85, Cl. 73-862.230.
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  Valentine, Al L., 4,529,182, Cl. 269-34.000.
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  Denton, Donald W., 4,527,543, Cl. 126-361.000.
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State of Israel, Ministry of Agriculture: *See—*
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  Sandine, William E.; and Huggins, Alan R., 4,528,269, Cl. 435-34.000.
  Sandine, William E.; and Heatherbell, David A., 4,547,373, Cl. 426-15.000.
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  Landa, Vaclav; and Blazek, Zdenek, 4,536,230, Cl. 148-31.570.
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  Muskulus, Willi, 4,544,315, Cl. 414-115.000.
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  Burckhardt, Christophe W.; Fournier, Jacques; and Stauber, Phillippe, 4,543,526, Cl. 324-61.00R.
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- Staudenmaier, Paul: *See—*
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- Staudenmayer, Ralph: *See—*
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- Staudenrausch, Georg; Abt, Franz; Kern, Manfred; and Zinser, Georg, to Albert Handtmann Maschinenfabrik GmbH & Co., KG. Apparatus for automatic delivery from a receiver of adjacently hanging loops of sausages. 4,547,931, 10-22-85, Cl. 17-1.00F.
- Stauder, Ernst; and Hoffe, Gerhard, to Johs. Girmes & Co. AG. Pile fabric with pile-free positions. 4,548,850, 10-22-85, Cl. 428-88.000.
- Staudinger, Gernot: *See—*
  - Schrofelbauer, Herbert; Kakl, Josef; Staudinger, Gernot; and Filipot, Hermann, 4,509,436, Cl. 110-345.000.
  - Schrofelbauer, Herbert; and Staudinger, Gernot, 4,519,995, Cl. 423-244.000.
- Staudte, Juergen H., to Piezoelectric Technology Investors, Limited. Vibratory angular rate sensor system. 4,524,619, 6-25-85, Cl. 73-505.000.
- Staudte, Juergen H.: *See—*
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- Stauffer Chemical Company: *See—*
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  - Aliberto, Ellen S.; Corbett, Constance R.; and McIntyre, Randall S., 4,504,510, Cl. 426-553.000.
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  - Baker, Don R.; and Tam, Teresa M., 4,521,243, Cl. 71-100.000.
  - Band, Elliot I., 4,506,029, Cl. 502-111.000.
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  - Bender, Fredric G.; Everson, Charles W.; and Swartz, William E., 4,500,559, Cl. 426-646.000.
  - Brokke, Mervin E.; and Magee, Walter L., Jr., 4,524,214, Cl. 560-51.000.
  - Brotsky, Eugene, 4,543,260, Cl. 426-266.000.
  - Bufalini, Angelo J.; and Gaughan, Edmund J., 4,545,805, Cl. 71-87.000.
  - Bunker, Nathan S., 4,552,896, Cl. 514-550.000.
  - Burks, William M., Jr.; Doane, Elliott P.; Campbell, Ramsey G.; and Velez, Emilio S., 4,533,473, Cl. 210-754.000.
  - Carter, Charles G., 4,507,148, Cl. 71-94.000.
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  - Chang, Pei K., 4,500,454, Cl. 260-123.500.
  - Chang, Pei K., 4,530,788, Cl. 260-123.500.
  - Chavdarian, Charles G.; and Haag, William G., 4,544,651, Cl. 514-120.000.
  - Chin, Hsiao-Ling M., 4,506,088, Cl. 560-12.000.
  - Deatcher, John H.; and Goswami, Jagadish C., 4,496,628, Cl. 428-337.000.
  - DiSalvo, Anthony L.; and Tsai, Chung-Chieh, 4,504,633, Cl. 525-438.000.
  - DiSalvo, Anthony L.; and Kim, Ki-Soo, 4,557,860, Cl. 252-512.000.
  - Edging, Thomas E., 4,500,557, Cl. 426-563.000.
  - Estes, William E., 4,521,391, Cl. 423-307.000.
  - Estes, William E., 4,552,737, Cl. 423-307.000.
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  - Fancher, Llewellyn W.; and Scher, Herbert B., 4,515,813, Cl. 514-563.000.
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  - Felix, Raymond A., 4,525,311, Cl. 260-940.000.
  - Felix, Raymond A., 4,534,902, Cl. 260-465.400.
  - Felix, Raymond A., 4,535,181, Cl. 560-172.000.
  - Felix, Raymond A., 4,552,968, Cl. 548-112.000.
  - Felix, Raymond A.; and Hsu, Joanna K., 4,559,082, Cl. 71-98.000.
  - Fesman, Gerald, 4,514,524, Cl. 521-107.000.
  - Fesman, Gerald, 4,544,678, Cl. 521-107.000.
  - Giolito, Silvio L., 4,492,660, Cl. 260-966.000.
  - Giolito, Silvio L.; and Mirviss, Stanley B., 4,559,184, Cl. 260-974.000.
  - Goodman, Nelson; and Cunningham, Brian C., 4,506,010, Cl. 435-32.000.
  - Goswami, Jagadish C., 4,560,618, Cl. 428-500.000.
  - Gray, Reed A.; and Joo, Grant K., 4,509,974, Cl. 71-100.000.
  - Gray, Reed A., 4,554,008, Cl. 71-83.000.
  - Green, Laddie L., 4,515,627, Cl. 71-95.000.
  - Green, Laddie L., 4,531,966, Cl. 71-93.000.
  - Haag, William G.; and Chavdarian, Charles G., 4,552,870, Cl. 514-89.000.
  - Heather, James B.; and Kanne, David B., 4,514,215, Cl. 71-107.000.
  - Hsu, Joanna K.; and Gutman, Arnold D., 4,540,429, Cl. 71-90.000.
  - Hyzak, Daniel L.; Pallos, Ferenc M.; and Hsu, Joanna K., 4,546,199, Cl. 560-165.000.
  - Jacobs, Barry A.; and Fesman, Gerald, 4,535,096, Cl. 521-107.000.
  - Jacobs, Barry A., 4,544,680, Cl. 521-128.000.
  - Jacobs, Barry A.; and Reale, Michael J., 4,547,528, Cl. 521-121.000.
  - James, Donald R., 4,549,901, Cl. 71-94.000.
  - Knudtson, Lynn A.; and Sprenger, Glenn R., 4,524,628, Cl. 73-863.430.
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  - Large, George B.; and Buren, Lawrence L., 4,525,202, Cl. 71-86.000.
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  - Leone-Bay, Andrea; and Timony, Peter E., 4,556,412, Cl. 71-92.000.
  - Lobo, Brian J., 4,507,252, Cl. 260-986.000.
  - Michel, Christian G.; Schachter, Rozalie; Kuck, Mark A.; Baumann, John A.; and Raccah, Paul M., 4,508,931, Cl. 136-255.000.
  - Mirviss, Stanley B., 4,501,903, Cl. 549-29.000.
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  - Padovani, Frank L., 4,529,531, Cl. 252-56.00S.
  - Pallos, Ferenc M., 4,495,365, Cl. 564-91.000.
  - Pallos, Ferenc M., 4,497,653, Cl. 71-100.000.
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  - Pallos, Ferenc M.; DeBaun, Jack R.; and Teach, Eugene G., 4,532,348, Cl. 564-27.000.
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  - Scher, Herbert B., 4,500,494, Cl. 423-24.000.
  - Sherif, Fawzy G.; Majewski, Helmut W.; and Via, Francis A., 4,496,527, Cl. 423-309.000.
  - Sherif, Fawzy G.; and Michaels, Edwin S., 4,505,752, Cl. 106-85.000.
  - Shortt, Alexandra B.; and Haag, William G., 4,548,930, Cl. 514-103.000.
  - Silva, Roy F., 4,500,548, Cl. 426-19.000.
  - Smalheiser, Lawrence A., 4,519,994, Cl. 423-242.000.
  - Swartz, William E.; Everson, Charles W.; and Bender, Fredric G., 4,556,571, Cl. 426-265.000.
  - Tam, Teresa M.; and Baker, Don R., 4,544,398, Cl. 71-88.000.
  - Teach, Eugene G.; and Springer, Jeffery T., 4,509,975, Cl. 71-100.000.
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  - Thiele, Gerald H.; and Stamp, David L., 4,505,737, Cl. 71-86.000.
  - Timony, Peter E., 4,530,772, Cl. 252-56.00S.
  - Uhing, Eugene H., 4,540,526, Cl. 260-936.000.
  - Via, Francis A., 4,519,883, Cl. 204-159.150.
  - Walker, Francis H., 4,512,796, Cl. 71-88.000.
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- Stauffer, Norman L., to Honeywell Inc. Vision illumination system for range finder. 4,501,961, 2-26-85, Cl. 250-201.000.
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- Stauffer, Robert E., to Dresser Industries, Inc. Front wheel assist drive for a vehicle machine. 4,546,844, 10-15-85, Cl. 180-243.000.
- Staugaitis, Charles L.: *See—*
  - Chu, Huai-Pu; and Staugaitis, Charles L., 4,552,784, Cl. 427-192.000.
- Stauter, John C.: *See—*
  - Baldwin, Roger A.; Stauter, John C.; Kauffman, Jim W.; and Laughlin, William C., 4,519,913, Cl. 210-611.000.
- Staveley, John: *See—*
  - Lucas, Peter; and Staveley, John, 4,560,096, Cl. 224-42.420.
- Staveley Machine Tools Limited: *See—*
  - Archibald, Ronald L., 4,501,092, Cl. 51-165.00R.
- Stavis, Hillel: *See—*
  - Bell, George M., 4,533,104, Cl. 248-245.000.
- Stavlo, Lars G., to AGA Aktiebolag. Delivery system and method for pressurized gas. 4,542,774, 9-24-85, Cl. 141-1.000.
- Stavrov, Leonid P.: *See—*
  - Ivanov, Andrei B.; Schegolev, Vladimir I.; Rudakov, Viktor A.; Kosarev, Sergei P.; Grigorieva, Elizaveta A.; Podanenko, Alexandr T.; Romanenko, Oleg N.; Stavrov, Leonid P.; Kondratenko, Anatoly B.; Muzhzhavlev, Konstantin D.; Ovcharenko, Vladimir G.; Khristjuk, Grigory P.; Vasiliev, Alexei V.; Garkavy, Anatoly L.; Gachegov, Ivan G., deceased; and Gachegova, Lidia T., administrator, 4,526,761, Cl. 422-224.000.

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- Stawitz, Josef, to Bayer Aktiengesellschaft. Process for preparing 4,4'-dibenzoylaminodianthrimidecarbazole. 4,520,202, 5-28-85, Cl. 548-416.000.
- Stawski, Karl-Heinz; and Jensen, Philip W., to P D Manufacturing, Inc. Portable battery powered blower apparatus for fanning charcoal or other fuel. 4,516,561, 5-14-85, Cl. 126-25.00B.
- Stay, Kevin E.; and Munch, John E., Jr., to Modine Manufacturing Company. Tank-header plate connection. 4,531,578, 7-30-85, Cl. 165-175.000.
- Ste d'Application Platique Mecanique et Electronicque Plastimechanique S.A.: *See—*
  - Dronet, Jean-Marc; and Resseguier, Jacques, 4,512,734, Cl. 425-305.100.
- Ste Francaise des Produits pour Catalyse chez Institut Francais du Petrole: *See—*
  - Boitiaux, Jean-Paul; and Oosyns, Jean, 4,533,779, Cl. 585-259.000.
- Ste Francaise des Produits pour Catalyse Pro-Catalyse chez Institut Francais du Petrole: *See—*
  - Toulhoat, Herve; Plumail, Jean-Claude; Mercier, Marc; and Jacquin, Yves, 4,510,255, Cl. 502-10.000.
- Ste. Gaz de France: *See—*
  - Bras, Jean, 4,545,205, Cl. 60-525.000.
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  - Bernard, Jean; Beyl, Jean J. A.; Campillo, Christian; and le Faou, Daniel, 4,533,154, Cl. 280-615.000.
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  - Beyl, Jean; Bernard, Jean; Guerreau, Rene; le Faou, Daniel; and Peyre, Henri, 4,508,360, Cl. 280-605.000.
  - Beyl, Jean J. A.; Buzon, Philippe; Campillo, Christian; Cursillat, Jackie; le Faou, Daniel; and Peyre, Henri, 4,494,769, Cl. 280-630.000.
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  - Guitel, Jean-Claude; and le Faou, Daniel, 4,558,884, Cl. 280-620.000.
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- Steacy, Paul C., to UOP Inc. Dehydrocyclodimerization process. 4,548,619, 10-22-85, Cl. 55-16.000.
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  - Breidenbach, Heribert; and Strauss, Udo, 4,509,437, Cl. 110-345.000.
  - Kampmann, Harry, 4,548,517, Cl. 374-143.000.
- Steam Systems and Services, Incorporated: *See—*
  - Schoonover, Kevin G., 4,512,520, Cl. 239-440.000.
- Stearley, John W.; and Woodard, Tony O., to Eaton Corporation. Pushbutton switch with remotely controlled operating attachment. 4,520,334, 5-28-85, Cl. 335-186.000.
- Stearman, William L., to UOP Inc. Corrosion prevention and cleaning of air-cooled heat exchangers. 4,551,181, 11-5-85, Cl. 134-22.110.
- Stearns & Foster Company, The: *See—*
  - Gilmore, Thomas F.; and Ratliff, Hershel E., 4,540,616, Cl. 428-131.000.
- Stearns Manufacturing Company: *See—*
  - Evert, Karla R., 4,498,882, Cl. 441-116.000.
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- Stearns, Stanley D. Variable tensioning system for shear seal valves. 4,550,742, 11-5-85, Cl. 137-14.000.
- Stearns, William P.: *See—*
  - Penz, Perry A.; Petcavich, Robert J.; Stearns, William P.; and Sanders, Larry W., 4,533,214, Cl. 350-334.000.
- Stebbins, Edwin E.: *See—*
  - Crooke, Arthur W.; and Stebbins, Edwin E., 4,555,765, Cl. 364-571.000.
- Stebbins, Leslie F.: *See—*
  - Su, Kai C.; Stebbins, Leslie F.; and Bhatia, Rajkumar P., 4,493,783, Cl. 252-174.230.
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- Stebegg, Josef; and Miek, Wolfgang, to Siemens Aktiengesellschaft. Initiator for a contactless switch. 4,552,987, 11-12-85, Cl. 174-52.00R.
- Stebles, Malcolm R.: *See—*
  - Chaudhuri, Dwaipayan; and Stebles, Malcolm R., 4,508,705, Cl. 424-47.000.
- Stechschulte, Theodore J.: *See—*
  - Keglewitsch, Josef; and Stechschulte, Theodore J., 4,500,161, Cl. 339-242.000.
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- Steck, George L., to Steck Manufacturing Co., Inc. Dolly. 4,538,796, 9-3-85, Cl. 269-17.000.
- Steck, George L.; Steck, Raymond E.; and Steck, Laurence D., to Steck Manufacturing Co., Inc. Mechanism for checking three-dimensional bodies. 4,558,521, 12-17-85, Cl. 33-533.000.
- Steck, Laurence D.: *See—*
  - Steck, George L.; Steck, Raymond E.; and Steck, Laurence D., 4,558,521, Cl. 33-533.000.
- Steck Manufacturing Co., Inc.: *See—*
  - Steck, George L., 4,526,066, Cl. 81-486.000.
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- Steck, Raymond E.: *See—*
  - Steck, George L.; Steck, Raymond E.; and Steck, Laurence D., 4,558,521, Cl. 33-533.000.
- Steck, Werner; Kovacs, Jenoe; Mueller, Norbert; and Jakusch, Helmut, to BASF Aktiengesellschaft. Acicular ferromagnetic chromium dioxide particles. 4,495,246, 1-22-85, Cl. 428-403.000.
- Stecker, Earl M.; and Plamann, Richard C., to Stoelting, Inc. Flavor decanter and pump. 4,502,617, 3-5-85, Cl. 222-385.000.
- Steckhan, Eberhard; and Wienkamp, Rainer, to BASF Aktiengesellschaft. Electrochemical hydrogenation of nicotinamide adenine dinucleotide. 4,526,661, 7-2-85, Cl. 204-73.00R.
- Steckler, Steven A.; and Balaban, Alvin R., to RCA Corporation. Digital television receivers. 4,502,078, 2-26-85, Cl. 358-188.000.
- Steckler, Steven A.: *See—*
  - Balaban, Alvin R.; and Steckler, Steven A., 4,514,760, Cl. 358-143.000.
  - Balaban, Alvin R.; and Steckler, Steven A., 4,517,586, Cl. 358-13.000.
- Steckowich, John, Jr.: *See—*
  - Lake, Ralph J., Jr.; Steckowich, John, Jr.; and Solomon, Stephen R., 4,544,301, Cl. 403-300.000.
- Stecura, Stephan, to United States of America, National Aeronautics and Space Administration. Thermal barrier coating system. 4,535,033, 8-13-85, Cl. 428-633.000.
- Stedham, Yolanda. Pet repellent device. 4,552,307, 11-12-85, Cl. 239-57.000.
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  - Cole, Tyler L., 4,555,428, Cl. 428-102.000.
  - Odham, Carl J., 4,553,412, Cl. 66-207.000.
- Stednitz, Denis P., to ACE Orthopedic Company. Adjustable intramedullar rod. 4,522,200, 6-11-85, Cl. 128-92.0BC.
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- Steeger, Gerhard, to Siemens Aktiengesellschaft. Device for the compensation of hearing impairments. 4,508,940, 4-2-85, Cl. 179-107.0FD.
- Steel Handlers' Manual and Steel Handloaders' Components, Inc.: *See—*
  - Vizecky, Donald F., 4,516,460, Cl. 83-861.000.
- Steel Heddle Manufacturing Company: *See—*
  - Bowen, James B.; and Kramer, Charles F., 4,508,145, Cl. 139-92.000.
  - Kramer, Charles F., 4,492,256, Cl. 139-92.000.
  - Kramer, Charles F., 4,503,890, Cl. 139-92.000.
  - Rast, John L.; Hall, Wayne A.; Kramer, Charles F.; and Stenhouse, William L., 4,529,014, Cl. 139-435.000.
- Steel, Henry J. Combination weighing machines and method. 4,534,430, 8-13-85, Cl. 177-25.000.
- Steelcase Inc.: *See—*
  - Kolk, Stephen B., 4,558,553, Cl. 52-829.000.
  - Raftery, William B., 4,498,702, Cl. 297-312.000.
  - Roossien, Charles P.; Chambers, Brian; and Hiemstra, Bruce, 4,494,795, Cl. 297-355.000.
  - Whitwam, Ronald L., 4,519,651, Cl. 297-455.000.
- Steele, David C., to Moose Products, Inc. Printed circuit board for activating and deactivating alarm systems. 4,547,767, 10-15-85, Cl. 340-500.000.
- Steele, Edward J.; and Sexton, Rodney N., to Runglin Co. Inc. Beverage cup cover. 4,508,235, 4-2-85, Cl. 215-307.000.
- Steele, James R.: *See—*
  - Mark, John G.; Steele, James R.; and Hansen, Craig C., 4,495,475, Cl. 331-12.000.
- Steele, Raymond; Wong, Wai C.; and Xydeas, Costas S., to AT&T Bell Laboratories. Transmitting data on the phase of speech. 4,495,620, 1-22-85, Cl. 370-118.000.
- Steele, Robert B.: *See—*
  - Babbel, John H.; Russell, William A.; and Steele, Robert B., 4,521,870, Cl. 364-900.000.
- Steele, Robert E., to General Motors Corporation. Duplex communication on a single optical fiber. 4,516,828, 5-14-85, Cl. 350-96.160.
- Steele, Robert E.; Tailor, Dilip K.; and Lakhani, Rajni R., to Shaw Industries Limited. Heat shrinkable covering. 4,532,168, 7-30-85, Cl. 428-99.000.
- Steele, Robert E., to General Motors Corporation. Lamp monitor with latch circuit. 4,550,303, 10-29-85, Cl. 340-80.000.
- Steele, S. Robert: *See—*
  - Varteresian, Michael G.; and Steele, S. Robert, 4,499,659, Cl. 29-589.000.
- Steele, Stanley O. Miniature wind sock assembly. 4,561,301, 12-31-85, Cl. 73-188.000.

Steele, Thomas S., to Sperry Corporation. Low insertion force connector with improved cam actuator. 4,540,228, 9-10-85, Cl. 339-74.00R.

Steeman, Peter K. R. M.: *See—*

Op De Beeck, Herbert K. M.; Peeters, Joannes M. T.; and Steeman, Peter K. R. M., 4,527,083, Cl. 313-25.000.

Steen, Adam: *See—*

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Steen, Conrad, to Crown Zellerbach Corporation. Paper stock diffuser system. 4,534,399, 8-13-85, Cl. 162-212.000.

Steen, Gunnar, to Stifab AB. Measurement unit for determining gas flow through a conduit and measuring means designed to be included in such a measuring unit. 4,523,481, 6-18-85, Cl. 73-861.610.

Steen, Hans F.: *See—*

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Steen, Robert A.: *See—*

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Steenbergen, Anne: *See—*

Willemsen, Stephanus; Weening, Willem E.; and Steenbergen, Anne, 4,557,967, Cl. 428-224.000.

Steenbergen, Christiaan: *See—*

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Steenbergen, Suzanna M.: *See—*

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Yeung, Edward E.; Steenhoek, Larry E.; Woodruff, Steven D.; and Kuo, Jeng-Chung, 4,498,774, Cl. 356-368.000.

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Steenson, Thomas W.; and Paton, William D. Method of exposing aggregate in a poured concrete panel. 4,496,504, 1-29-85, Cl. 264-69.000.

Steer, David C.: *See—*

Cox, Roger B.; and Steer, David C., 4,506,044, Cl. 524-27.000.

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Steer, John E.; and Crumb, Donald A., to Allied Corporation. Master cylinder. 4,559,781, 12-24-85, Cl. 60-562.000.

Steer, Peter L.; and Edwards, John V., to Craig Medical Products Limited. Drainage bag assembly with drip tray. 4,496,354, 1-29-85, Cl. 604-322.000.

Steer, Peter L.; and Edwards, John V., to Kingsdown Medical Consultants, Limited. Interdigitated coupling for an ostomy bag. 4,518,389, 5-21-85, Cl. 604-339.000.

Steer, Peter L.; and Edwards, John V., to Craig Medical Products Limited. Drainage bag for urine and support therefor. 4,534,766, 8-13-85, Cl. 604-323.000.

Steer, Peter L., to Craig Medical Products Limited. Coupling for an ostomy bag. 4,559,048, 12-17-85, Cl. 604-338.000.

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Steere, Robert E., Jr.: *See—*

Kachajian, George S.; Steere, Robert E., Jr.; and Charles, Wesley, 4,498,449, Cl. 125-15.000.

Steers, Michel; Hazan, Jean-Pierre; and Courdille, Michel, to U.S. Philips Corporation. Door-open alarm device for a refrigerating appliance. 4,528,558, 7-9-85, Cl. 340-686.000.

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Steeves, John K., Jr., to Tele-Lite, Inc. Knuckled lamp head bracket mount for generator. 4,544,994, 10-1-85, Cl. 362-192.000.

Stefan, Alexander. Earth boring machine and working crane. 4,550,787, 11-5-85, Cl. 175-88.000.

Stefanescu, Doru M.; and Martinez, Freddy, to University of Alabama, The. Compacted graphite cast irons in the iron-carbon-aluminum system. 4,501,612, 2-26-85, Cl. 75-124.000.

Stefani, Fabrizio; Cini, Carlo; and Diazzi, Claudio, to SGS-ATES Componenti Elettronici S.p.A. Control circuit for switching inductive loads. 4,549,095, 10-22-85, Cl. 307-254.000.

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Suciu, George D.; Stefani, Giancarlo; and Fumagalli, Carlo, 4,511,670, Cl. 502-209.000.

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Stefansson, Rafn, to Bell & Howell Company. Sheet feeder systems. 4,522,385, 6-11-85, Cl. 271-10.000.

Stefansson, Rafn, to Bell & Howell Company. Information printing methods and apparatus. 4,556,333, 12-3-85, Cl. 400-58.000.

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Steffan, Leonard D.; and Kohler, Robert D., to Owens-Illinois, Inc. Apparatus for controlling a valve. 4,499,920, 2-19-85, Cl. 137-624.150.

Steffel, Steve, to Ferguson, Frank Warren. Mechanical assembly for audio-visual teaching machines. 4,552,535, 11-12-85, Cl. 434-315.000.

Steffen, David E., to Dickey-john Corporation. High rate seed sensor. 4,555,624, 11-26-85, Cl. 250-223.00R.

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Buchschmid, Emil; Gademann, Lothar; Hirt, Adam; Huttinger, Manfred; Jahn, Hans P.; Orova, Josef; Schmid, Hans-Dieter; and Steffen, Horst-Gunter, 4,561,410, Cl. 123-599.000.

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Steffen, Peter. Selectable filter assembly. 4,504,390, 3-12-85, Cl. 210-333.100.

Steffen, Peter: *See—*

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Steffens, Bert. Method and apparatus for separating the components of cellulose sanitary articles. 4,500,040, 2-19-85, Cl. 241-14.000.

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Andrea, Tariq A.; John, William W.; and Steffens, James J., 4,494,981, Cl. 71-93.000.

Steffensen, Bjarne T., to Colortronic Reinhard & Co. KG. Cutting mill for the comminution of synthetic material bodies such as runners, injection moulding parts, blown moulding parts and the like. 4,545,539, 10-8-85, Cl. 241-73.000.

Steffes, Helmut, to ITT Industries, Inc. Control arrangement for a vehicular brake system with hydraulic brake booster. 4,530,209, 7-23-85, Cl. 60-547.100.

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Burgdorf, Jochen; and Steffes, Helmut, 4,543,791, Cl. 6-550.000.

Steffes, William J., to Coleman Company, Inc., The. Multiple use shelf for cooler. 4,515,421, 5-7-85, Cl. 312-351.000.

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Kuhle, Engelbert; Stegelmeier, Hartmut; Brandes, Wilhelm; and Hanssler, Gerd, 4,529,735, Cl. 514-407.000.

Stegenga, Philip D.: *See—*

Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.

Steger, James O., to Gilbarco, Inc. Intrinsically safe signal coupler. 4,556,927, 12-3-85, Cl. 361-215.000.

Steger, John J.: *See—*

Tauster, Samuel J.; Vaughan, David E. W.; and Steger, John J., 4,552,856, Cl. 502-74.000.

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Stegmaier, Alwain: *See—*

Feder, Meinrad; and Stegmaier, Alwain, 4,535,816, Cl. 137-625.650.

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Cooke, Michael W.; Arriola, Arturo; Stegman, Julius M.; and Collins, Kenneth D., 4,495,849, Cl. 89-1.140.

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Stehning, Werner, to Gottfried Bischoff Bau Kompl. Gasreinigungs- und Wasserruckkuhlanlagen GmbH & Co. Kommanditgesellschaft. Scrubber operating method for the desulfurization of flue gases. 4,526,764, 7-2-85, Cl. 423-242.000.

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Stehr, Franz, to Eumuco Aktiengesellschaft fur Maschinenbau. Die ejector assembly for multi-stage forming machines. 4,552,525, 11-12-85, Cl. 425-422.000.

Steibel, James P. Combustible newspaper log. 4,560,389, 12-24-85, Cl. 44-1.00R.

Steidel, Clinton F., to Transco Products, Inc. Rotary actuator for a microwave switch. 4,520,331, 5-28-85, Cl. 335-125.000.

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Casper, Mark S.; Downing, Richard S.; Steidel, Leonard R.; and Braungart, Robert E., 4,529,114, Cl. 225-100.000.

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Steidl, Larry E.: *See*—
Nixon, Bryan E.; Steidl, Larry E.; Amano, Itaru; Fujieda, Yasuhiko; Onishi, Hisaaki; and Miyauchi, Hideo, 4,548,564, Cl. 425-32.000.

Steidle, Alfons: *See*—
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Steidle, Gerhard: *See*—
Boll, Rudi; Tetzlaff, Arno; and Steidle, Gerhard, 4,526,427, Cl. 312-111.000.

Steidle-Sailer, Manfred; and Andres, Matthias, to Emil Steidle GmbH & Co. Wood beam. 4,525,974, 7-2-85, Cl. 52-693.000.

Steierman, Herbert L., to Northern Telecom Limited. Data format converter. 4,545,052, 10-1-85, Cl. 370-68.000.

Steigauf, William A. Apparatus for driving nails using an impact hammer. 4,519,536, 5-28-85, Cl. 227-147.000.

Steiger, Anton, to Sulzer Brothers Limited. Drive for an oscillatory mechanical system. 4,535,817, 8-20-85, Cl. 137-625.650.

Steiger, Erwin; and Hering, Bernhard, to Siemens Aktiengesellschaft. Method and apparatus for the adjustment of contact springs in a relay. 4,520,254, 5-28-85, Cl. 219-121.00L.

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Kimpel, Rolf-Dieter; Tamm, Horst; Hubner, Wolfgang; and Steiger, Erwin, 4,491,813, Cl. 335-187.000.

Steigerwald, Carl J., to Kendall Company, The. Liquid drainage system with a guidable valve element. 4,511,357, 4-16-85, Cl. 604-323.000.

Steigerwald, Carl J., to Kendall Company, The. Liquid drainage system with hinged cup-shaped valve. 4,521,213, 6-4-85, Cl. 604-323.000.

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Steigerwald, Robert L.: *See*—
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Steigmeier, Edgar F.; and Auderset, Heinrich, to RCA Corporation. Method for determining the phase of phase transformable light scattering material. 4,526,468, 7-2-85, Cl. 356-338.000.

Steilen, Ronald M.: *See*—
Rettig, Vernon E.; Bigbee, Marvin L.; Steilen, Ronald M.; and Head, Glenn D., Jr., 4,518,046, Cl. 172-311.000.

Steiman, Nancy. Maternity bathing suit. 4,494,546, 1-22-85, Cl. 128-431.000.

Steimel, Johannes: *See*—
Seeger, G. Hans J.; Giesenberg, Peter; and Steimel, Johannes, 4,519,291, Cl. 89-1.806.

Steimel, Ronald W.: *See*—
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Hwang, Yong Y., 4,548,191, Cl. 126-21.00A.
Miller, Michael E.; and Fetzer, Fred, 4,505,593, Cl. 366-152.000.

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Nguyen-Thanh, Thong, 4,505,329, Cl. 165-81.000.
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Stein, Jeffrey A.: *See*—
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Stein, Jeffrey I.: *See*—
Baker, William; Smith, Gordon H.; Beach, Xiomara I.; Sallee, Gary F.; Stein, Jeffrey I.; and Charest, George E., 4,521,915, Cl. 455-165.000.

Stein, Joseph H.: *See*—
Fenton, Edward A., Jr.; Lakin, Ira W.; Stein, Joseph H.; Lohr, John R.; and Schreiber, David A., 4,501,539, Cl. 425-84.000.

Stein, Joseph L.; and Maskell, Thomas J., to General Refractories Company. Method of manufacturing a slide gate. 4,554,035, 11-19-85, Cl. 156-89.000.

Stein, Leonard, deceased: *See*—
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Stein, Marcel, to Marbor Engineering Associates. Valve ring arrangements in metallic valves, control valves, condensate removal devices, and other means for the prevention of leakages due to corrosion. 4,542,879, 9-24-85, Cl. 251-360.000.

Stein, Martin L.: *See*—
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Kutz, Heinrich; Grube, Dietrich; Eggert, Georg; and Stein, Rolf, 4,497,193, Cl. 72-302.000.

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Stein, Theodor, to Schering Aktiengesellschaft. Process for aeration of effluents in equalizing and reservoir basins. 4,548,715, 10-22-85, Cl. 210-614.000.

Stein, Vera, executrix: *See*—
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Eisele, Hermann; and Stein, Volkhard, 4,510,908, Cl. 123-449.000.

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Steinbaugh, Gary, to General Signal Corporation. Magnetic read/write circuit. 4,533,965, 8-6-85, Cl. 360-62.000.

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Steinberg, Albert H.; Petraccelli, Frank; Lucas, Mariann E.; and Zlatkevich, Lev, to Allied Corporation. Rotational molding multilayered articles. 4,548,779, 10-22-85, Cl. 264-255.000.

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Steinberg, Janee D.: *See*—
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Steinberg, Meyer, to United States of America, Energy. Portland cement for SO_2 control in coal-fired power plants. 4,555,392, 11-26-85, Cl. 423-244.000.

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Peterson, Richard L.; Johnson, James A.; Scheurer, Roger J.; and Steinberg, Richard W., 4,560,011, Cl. 172-194.000.

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Steinberger, Josef; and Muller, Wilhelm, to Paul Forkardt GmbH & Co. KG. Chuck. 4,560,179, 12-24-85, Cl. 279-15.000.

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Parzefall, Walter; Pflugner, Wolfgang; and Steinberger, Wolfgang, 4,544,212, Cl. 308-6.00R.

Steinbiss, Eberhard; Herchenbach, Horst; Ramesohl, Hubert; and Wolter, Albrecht, to Klockner-Humboldt-Deutz AG. Method and apparatus for burning fine grained material, particularly raw cement meal. 4,496,396, 1-29-85, Cl. 106-100.000.

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Kollmannsberger, Otto; and Schmid, Martin, 4,542,374, Cl. 340-648.000.

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Quist, Frederick F., Jr.; and Steinbrecher, Marc L., 4,556,924, Cl. 360-106.000.

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Steinel, Heinrich W.; and Siwon, Hans. Electrically heated apparatus employing a PTC heater for liquifying a rod of binding material. 4,493,972, 1-15-85, Cl. 219-230.000.
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Steinemer, Norbert, to Siemens Aktiengesellschaft. Vacuum circuit breaker with two switching tubes connected in series for each pole. 4,550,234, 10-29-85, Cl. 200-144.00B.
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Steiner, Alois, to Sulzer-Ruti Machinery Works Limited. Multiple longitudinal traversing shed weaving machine containing a weaving rotor. 4,498,501, 2-12-85, Cl. 139-28.000.
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Steiner, Charles W.; and Simer, Loren J., to Simer Pump Company. Hydraulic switch. 4,540,342, 9-10-85, Cl. 417-40.000.
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Steiner, Heinz; and Knoll, Fritz, to SIG Schweizerische Industrie-Gesellschaft. Vibration damper with linearly reciprocating mass. 4,558,852, 12-17-85, Cl. 267-137.000.
Steiner, Hermann; and Schonherr, Walter, to Patent-Treuhand Gesellschaft fur Elektrische Gluhlampen mbH. Dual filament halogen cycle automotive-type incandescent lamp. 4,492,893, 1-8-85, Cl. 313-318.000.
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Steininger, David A., to Electric Power Research Institute, Inc. Method of cleaning corroded metal articles by induction heating. 4,511,407, 4-16-85, Cl. 134-1.000.
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Steinke, Kurt E., to Sundstrand Data Control, Inc. Accelerometer pendulum support assembly. 4,495,814, 1-29-85, Cl. 73-514.000.
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Steinman, Arnold J.: *See—*
  Gehlke, Scott J. S.; Yost, Michael G.; and Steinman, Arnold J., 4,542,434, Cl. 361-231.000.
Steinman, Kenneth. Tamper proof reel package for a fishing rod. 4,493,416, 1-15-85, Cl. 206-315.110.
Steinman, LeRoy F., Jr. Combination smoke and burglar alarm. 4,533,904, 8-6-85, Cl. 340-521.000.
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Steinmann, Helmut, to Robert Bosch GmbH. Sawtooth voltage generator. 4,495,476, 1-22-85, Cl. 331-111.000.

- Steinmann, Helmut, to Robert Bosch GmbH. Ventilating arrangement. 4,508,021, 4-2-85, Cl. 98-2.010.
- Steinmann, Peter; and Sutor, Norbert, to Siemens Aktiengesellschaft. Cable with an outer jacket of gnaw resistant material. 4,514,035, 4-30-85, Cl. 350-96.230.
- Steinmann, Peter; Engel, Reinhard; Parstorfer, Richard; Brugger, Rudolf; and Jonke, Gerhard, to Siemens Aktiengesellschaft. Light waveguide welding device. 4,548,669, 10-22-85, Cl. 156-358.000.
- Steinmetz, Alan L.: *See—*
  - Krinski, Thomas L.; and Steinmetz, Alan L., 4,554,337, Cl. 527-201.000.
- Steinmetz, Anthony; Arnold, Jacobus J.; Verweg, Fransiscus G. C.; and Groeneboer, Hendrik, to U.S. Philips Corporation. Electric connecting means. 4,498,727, 2-12-85, Cl. 339-278.00C.
- Steinmetzer, Walter, to Societe d'Assistance Technique pour Produits Nestle S.A. Process for recovering amino acids from protein hydrolysates. 4,496,703, 1-29-85, Cl. 562-443.000.
- Steinort, Hans: *See—*
  - Schmidt, Herbert; and Steinort, Hans, 4,494,265, Cl. 8-159.000.
- Steinrucken, Heinrich: *See—*
  - Romann, Peter; Sauer, Rudolf; and Steinrucken, Heinrich, 4,500,866, Cl. 338-126.000.
- Steins, Wilfried: *See—*
  - Weishaupt, Walter; and Steins, Wilfried, 4,493,102, Cl. 381-2.000.
- Steinwender, Bernd: *See—*
  - Quella, Ferdinand; and Steinwender, Bernd, 4,555,284, Cl. 156-79.000.
- Steipe, Othmar: *See—*
  - Lugscheider, Walter; Steipe, Othmar; Riegler, Ernst; and Zajicek, Ernst, 4,504,307, Cl. 75-10.00R.
- Steiss, William C.: *See—*
  - Bork, Carl R., Jr.; Steiss, William C.; Tobbe, William P.; Shufflebarger, Earl D.; Matousek, Stephen; and Gardner, Thomas J., 4,530,373, Cl. 137-516.290.
- Stejskal, Alois; Havranek, Zdenek; Stepanek, Miroslac; Hrdina, Jan; Cada, Frantisek; Borovcova, Zelmira; and Slingr, Jaroslav, to Vyzkumny ustav bavlnarsky. Method of and apparatus for producing multicomponent spun-twisted yarns by open-end spinning. 4,527,384, 7-9-85, Cl. 57-404.000.
- Steklenski, David J.; Upson, Donald A.; and Low, Howard M., to Eastman Kodak Company. Acrylonitrile copolymers as protective overcoats in photographic elements. 4,507,385, 3-26-85, Cl. 430-523.000.
- Steklenski, David J.; and Littman, Jon E., to Eastman Kodak Company. Antistatic compositions comprising polymerized alkylene oxide and alkali metal salts and elements thereof. 4,542,095, 9-17-85, Cl. 430-527.000.
- Steklenski, David J.: *See—*
  - Upson, Donald A.; and Steklenski, David J., 4,526,706, Cl. 252-500.000.
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  - Cooper, David C.; and Bouchard, Kenneth J., 4,509,220, Cl. 10-86.00A.
  - Kelly, John H., 4,533,642, Cl. 436-78.000.
  - LaPointe, Raymond L.; and Olmsted, John D., 4,549,269, Cl. 364-472.000.
- Stell, Douglas E., to Digital Equipment Corporation. Apparatus for combining a video signal with graphics and text from a computer. 4,498,098, 2-5-85, Cl. 358-22.000.
- Stella, Joseph A.; and Wright, Joseph H., to Polaroid Corporation. Disk camera using single format film unit having multiple images. 4,561,742, 12-31-85, Cl. 354-86.000.
- Stella, Leo, to Torrington Company, The. Bearing with a lubrication fitting. 4,523,861, 6-18-85, Cl. 384-475.000.
- Stellaccio, Robert J., to Texaco Inc. High turn down burner for partial oxidation of slurries of solid fuel. 4,525,175, 6-25-85, Cl. 48-86.00R.
- Stellar Energy Systems, Inc.: *See—*
  - Townsend, Donald W.; and Routery, Edward E., 4,538,886, Cl. 350-630.000.
- Stellberger, Karl-Heinz, to Hulsbeck & Furst GmbH & Co. KG. Electronic locking device having key and lock parts interacting via electrical pulses. 4,509,093, 4-2-85, Cl. 361-172.000.
- Stelling, Desi D.: *See—*
  - Crocker, David R.; Stelling, Desi D.; and Larson, Francis W., 4,524,443, Cl. 370-112.000.
- Stelling, Horst: *See—*
  - Heinen, Raymond; and Stelling, Horst, 4,506,227, Cl. 328-33.000.
- Stelling, Otto: *See—*
  - Hoppe, Udo; Wittern, Klaus-Peter; Sauermann, Gerhard; Stelling, Otto; and Rockl, Manfred, 4,547,307, Cl. 252-107.000.
- Stellmach, Dieter: *See—*
  - Madge, Werner; Vogelhuber, Peter; Stellmach, Dieter; and Hauger, Josef, 4,531,852, Cl. 400-692.000.
- Stellram GmbH: *See—*
  - Dehn, Dieter, 4,500,233, Cl. 408-182.000.
  - Grunsky, Manfred; Sussmuth, Reiner; and Ischen, Gunter, 4,511,294, Cl. 408-232.000.
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  - Grunsky, Manfred; Sussmuth, Reiner; Dehn, Dieter; and Ischen, Gunter, 4,493,596, Cl. 408-233.000.
- Steltenkamp, Michael S., to St. Regis Paper Company. Kraft pulping process. 4,507,172, 3-26-85, Cl. 162-30.110.
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- Stelter, Norbert: *See—*
  - Bofinger, Gerd; Stelter, Norbert; and Wuest, Rainer, 4,553,654, Cl. 192-0.076.
- Stelzenmuller, William K.: *See—*
  - Lasher, Dana A.; and Stelzenmuller, William K., 4,517,604, Cl. 358-262.000.
- Stelzer, Gary J.; and Harmon, Calvin, III, to Goodyear Tire & Rubber Company, The. Composite rubber-urethane tank track pads to improve service life. 4,505,984, 3-19-85, Cl. 428-424.700.
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  - Kleinert, Michael; Moller, Rainer; and Stelzer, Horst, 4,509,456, Cl. 118-715.000.
- Stelzer, Jack C.; and Fritsch, Joseph E. Control handle extension. 4,535,648, 8-20-85, Cl. 74-544.000.
- Stelzer, Roland: *See—*
  - Egli, Walter; Ragaller, Klaus; Schade, Ekkehard; and Stelzer, Roland, 4,556,767, Cl. 200-148.00A.
- Stemberger, Ivan. Continuous travel hand wrench. 4,517,861, 5-21-85, Cl. 81-57.290.
- Stemer, Jacques: *See—*
  - Bouzard, Daniel; Weber, Abraham; and Stemer, Jacques, 4,504,657, Cl. 544-30.000.
- Stemig, Heinz: *See—*
  - Stoldt, August; Stemig, Heinz; Breidohr, Hans-Gunther; and Martin, Manfred, 4,559,884, Cl. 112-262.100.
- Stemmer, Gottfried; and Pohl, Claus, to Geimuplast Peter Mundt GmbH & Co KG. Device for manually inserting a slide into a slide frame. 4,528,795, 7-16-85, Cl. 53-266.00R.
- Stemmle, Denis J., to Xerox Corporation. Single pivot bin sorter. 4,558,860, 12-17-85, Cl. 271-293.000.
- Stemmler, Bruno; and Zeilinger, Hans, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method for conveying and treating a gas employed for the coating of workpieces by means of a chemical, heterogeneous vapor-phase reaction. 4,525,389, 6-25-85, Cl. 427-255.100.
- Stemmler, Herbert, to BBC Brown, Boveri & Company, Limited. Converter with fast-acting overvoltage protection. 4,553,197, 11-12-85, Cl. 363-37.000.
- Stemmler, Kurt, to Winkler & Dunnebier Maschinenfabrik und Eisengiesserei GmbH & Co. KG. Absorbent hygienic article and method of manufacture. 4,560,379, 12-24-85, Cl. 604-368.000.
- Stempfhuber, Lorenz: *See—*
  - D'Antonio, Nicholas F.; Knabel, Walter; and Stempfhuber, Lorenz, 4,496,168, Cl. 280-612.000.
- Stempin, John L.; and Wexell, Dale R., to Corning Glass Works. Spontaneously-formed machinable glass-ceramics. 4,536,452, 8-20-85, Cl. 428-433.000.
- Stempin, John L.: *See—*
  - Flannery, James E.; Stempin, John L.; and Wexell, Dale R., 4,536,480, Cl. 501-32.000.
  - Flannery, James E.; Stempin, John L.; and Wexell, Dale R., 4,536,481, Cl. 501-32.000.
- Stempniak, Martin J. Adapter for refuse compacting vehicle. 4,531,881, 7-30-85, Cl. 414-572.000.
- Stenberg, Erik G., to KMW Aktiebolag. Method and apparatus for detecting and counteracting a deformation of the stock discharge gap in a headbox of a paper machine. 4,539,074, 9-3-85, Cl. 162-198.000.
- Stenberg, Inga E. Bath-tub tray. 4,525,882, 7-2-85, Cl. 4-559.000.
- Stenberg, Johan E.: *See—*
  - Nygren, B. Hakan; Sandstrom, E. Torbjorn; Stenberg, Johan E.; and Stiblert, Lars B., 4,558,012, Cl. 436-501.000.
- Stenberg, Roger A.: *See—*
  - Stohlquist, Roger H.; and Stenberg, Roger A., 4,545,183, Cl. 53-566.000.
- Stenbock, Roger M., to Tektronix, Inc. Automatic trigger sensitivity adjustment circuit. 4,562,362, 12-31-85, Cl. 307-290.000.
- Stencel Aero Engineering Corporation: *See—*
  - Duncan, James W., 4,501,362, Cl. 206-525.000.
- Stencel, Edgar L., to VSI Corporation. Pin and process for its manufacture. 4,544,312, 10-1-85, Cl. 411-3.000.
- Stendal, Wilhelm: *See—*
  - von Bittera, Miklos; Dorn, Hubert; Schapel, Dietmar; Stendal, Wilhelm; Voege, Herbert; Federman, Manfred; and von Gizycki, Ulrich, 4,544,547, Cl. 424-14.000.
- Stendardo, William J. Apparatus for remote control of volume and power on electronic equipment possessing an audio output. 4,549,179, 10-22-85, Cl. 340-825.690.
- Stendel, Joachim: *See—*
  - Rottgen, Karl; Stendel, Joachim; and Diskowski, Herbert, 4,537,756, Cl. 423-323.000.
- Stendel, Wilhelm: *See—*
  - Fuchs, Rainer; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,491,585, Cl. 424-263.000.
  - Fuchs, Rainer; Klauke, Erich; Hammann, Ingeborg; Homeyer, Bernhard; and Stendel, Wilhelm, 4,529,557, Cl. 260-465.00D.

Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.

Kruger, Bernd-Wieland; Homeyer, Bernhard; Hammann, Ingeborg; and Stendel, Wilhelm, 4,548,931, Cl. 514-141.000.

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Steneck, Walter G.: *See—*

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McMath, Henry G.; and Stenerson, Gary K., 4,514,168, Cl. 432-14.000.

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Stengel, Robert E.; and Nejdi, Charles W., to Motorola, Inc. Planar inductors. 4,494,100, 1-15-85, Cl. 336-200.000.

Stenger, Richard J., to Sun Tech, Inc. Filling material for electric cable. 4,509,821, 4-9-85, Cl. 350-96.230.

Stenger, Vernon A.: *See—*

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Stengl, Jens P.: *See—*

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Leipold, Ludwig; Stengl, Jens P.; and Tihanyi, Jeno, 4,502,070, Cl. 357-38.000.

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Stengle, Barry J.: *See—*

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Stenglein, Paul R., to Carrier Corporation. Door latch. 4,493,499, 1-15-85, Cl. 292-158.000.

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Rast, John L.; Hall, Wayne A.; Kramer, Charles F.; and Stenhouse, William L., 4,529,014, Cl. 139-435.000.

Stening, Goran B.: *See—*

Hagberg, Curt-Erik; Johansson, Karl N.; Kovacs, Zsuzsanna M. I.; and Stening, Goran B., 4,495,190, Cl. 514-262.000.

Helgstrand, Ake J. E.; Johansson, Karl N. G.; Misiorny, Alfons; Noren, Jan O.; and Stening, Goran B., 4,536,400, Cl. 514-120.000.

Stenkvist, Sven E.: *See—*

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Stenkvist, Sven-Einar, to ASEA Aktiebolag. Ladle furnace with DC heating. 4,528,673, 7-9-85, Cl. 373-108.000.

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Rappinger, Bo; and Stenkvist, Sven-Einar, 4,541,099, Cl. 373-72.000.

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Stenner, John W., to Kurt H. Volk, Inc. Method of making direct mail article with reply envelope and detachable reply devices visible within reply envelope. 4,543,082, 9-24-85, Cl. 493-216.000.

Stensele Mekaniska Verkstad AB: *See—*

Hedberg, Allan, 4,530,266, Cl. 83-801.000.

Stensland, Leif: *See—*

Thylen, Lars; Stensland, Leif; and Arvidsson, Gunnar, 4,511,206, Cl. 350-96.110.

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Stentz, Frankie B.; Wright, Reba K.; and Kitabchi, Abbas E., to University of Tennessee Research Corporation. Method of separating A_{14}-^{125}I-insulin from heterogeneously labeled insulin molecules for biological studies. 4,528,134, 7-9-85, Cl. 260-112.700.

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Stenz, Paul; Rubroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, to C. A. Weidmuller GmbH & Co. Clamping connector for electrical conductors. 4,529,261, 7-16-85, Cl. 339-272.00R.

Stenzel, Gerhard, to GAO Gesellschaft fur Automation und Organisation mbH. Token such as credit or identification card and an apparatus for testing the token or card. 4,527,051, 7-2-85, Cl. 235-380.000.

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Stenzel, Wallace I.; and Payne, Kenneth R., to Waukee Engineering Company. Meter monitor apparatus. 4,550,314, 10-29-85, Cl. 340-623.000.

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Roth, Siegfried; and Stenzenberger, Horst, 4,555,426, Cl. 428-113.000.

Step Enterprises: *See—*

Merrel, Richard C., 4,493,204, Cl. 72-389.000.

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Magnus, George, 4,521,611, Cl. 560-91.000.

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Wood, Robert J., 4,529,744, Cl. 521-131.000.

Stepan, Walter, to Uvex Winter Optik GmbH. Visor for a protective helmet. 4,507,809, 4-2-85, Cl. 2-424.000.

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Stepan, William E., to GTE Automatic Electric Laboratories Incorporated. Method of producing fine line conductive/resistive patterns on an insulating coating. 4,508,753, 4-2-85, Cl. 427-53.100.

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Stephan, George P., to Kollmorgen Technologies Corporation. Control systems for AC induction motors. 4,559,485, 12-17-85, Cl. 318-802.000.

Stephan, Gerard, to Nadella. Prestressed rolling bearing device. 4,505,523, 3-19-85, Cl. 384-445.000.

Stephan, Gunter; and Schundehutte, Karl Heinz, to Bayer Aktiengesellschaft. Process for the preparation of benzene compounds. 4,550,207, 10-29-85, Cl. 564-311.000.

Stephan, Guy: *See—*

Caugant, Jean; and Stephan, Guy, 4,559,641, Cl. 378-181.000.

Stephan, Hans: *See—*

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Stephan, Hans-Werner: *See—*

Gradl, Reinhard; Stephan, Hans-Werner; Heymer, Gero; and Schimmel, Gunther, 4,540,558, Cl. 423-321.00R.

Jodden, Klaus; Heymer, Gero; and Stephan, Hans-Werner, 4,517,163, Cl. 423-75.000.

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Stephan, John T.: *See—*

Stephan, Kurt F.; and Stephan, John T., 4,540,820, Cl. 564-38.000.

Stephan, Karl D.: *See—*

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- Stephan, Kurt F.; and Stephan, John T., to Moorman Manufacturing Company. Production of animal feed grade biuret. 4,540,820, 9-10-85, Cl. 564-38.000.
- Stephan, Peter, to Bergwerksverband GmbH. Roof support for tunnel excavator. 4,525,104, 6-25-85, Cl. 405-290.000.
- Stephan, Wolfgang: *See—*
  - Kotitschke, Ronald; and Stephan, Wolfgang, 4,503,039, Cl. 424-101.000.
- Stephanoff, Nicholas N., deceased; and Page, Raymond S., III, executor. Jet-type grinding mill. 4,526,324, 7-2-85, Cl. 241-5.000.
- Stephans, Joseph P.: *See—*
  - Riggins, Oral L.; Mills, Sherry J.; Warkentin, John H.; Stephans, Joseph P.; and Wisdom, Clancy O., 4,528,433, Cl. 200-150.00C.
- Stephansen, Erik; Sharma, Rajeeva; and Richie, Michael, to Impact Systems, Inc. Apparatus for drying a moving web. 4,494,316, 1-22-85, Cl. 34-68.000.
- Stephansen, Erik, to Impact Systems, Inc. Method and apparatus for drying a moving web. 4,509,270, 4-9-85, Cl. 34-4.000.
- Stephansen, Erik W., to Impact Systems, Inc. Apparatus for drying a moving web having movable dryer modules. 4,514,913, 5-7-85, Cl. 34-48.000.
- Stephanus, Donald J.: *See—*
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- Stephens, Ronald R.: *See—*
  - Abrams, Richard L.; Henderson, David M.; Pinnow, Douglas A.; and Stephens, Ronald R., 4,494,827, Cl. 350-385.000.
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  - Eby, Robert S.; Stephenson, Michael J.; Andrews, Deborah H.; and Hamilton, Thomas H., 4,546,611, Cl. 62-54.000.
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  - Bryant, Robert J., 4,495,353, Cl. 546-178.000.
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  - Harrison, Thomas S., 4,550,855, Cl. 221-63.000.
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  - Paikoff, Myron, 4,522,302, Cl. 206-570.000.
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  - De Vita, Joseph P.; Mulder, Thomas J.; O'Mohundro, Kenneth J.; Wellington, Leslie J.; Deeter, Wayne R.; and Sternaman, Larry D., 4,547,880, Cl. 370-91.000.
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- Stevens, Glenn G.; and Kennedy, Roger C., to Boeing Company, The. Liquid storage gauging method and apparatus. 4,553,216, 11-12-85, Cl. 364-558.000.
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- Stevens, Harry. Synchronized jump rope device. 4,529,195, 7-16-85, Cl. 272-75.000.
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- Stevens, Julius J., to Teledyne Industries, Inc. Starter motor housing. 4,506,163, 3-19-85, Cl. 290-38.00R.
- Stevens, Keith D.; Harrison, John; and Kaye, Stanley B., to Cableform Limited. High power semiconductor heat sink assembly. 4,538,171, 8-27-85, Cl. 357-81.000.
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- Stevenson, Charles K., to Midland Gas Extractors, Inc. Gas extractor. 4,512,783, 4-23-85, Cl. 55-160.000.
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- Stevenson, John S., to Texaco Inc. Dry feeder for finely divided solids into high pressure atmosphere. 4,557,403, 12-10-85, Cl. 222-252.000.
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- Stevenson, Michael J. Method for use of pattern transfers in rotomolding. 4,519,972, 5-28-85, Cl. 264-245.000.
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- Stevenson, Paul D., to General Motors Corporation. Transmission shift control. 4,513,640, 4-30-85, Cl. 74-870.000.
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  Homan, Gary R.; and Stickles, David L., 4,530,882, Cl. 428-452.000.
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  Campbell, Steven J.; Stickley, Keith A.; and Klingensmith, David R., 4,505,279, Cl. 130-27.00T.
Stickney, Truman M., to Rosemount Inc. Flow data sensor duct system. 4,549,706, 10-29-85, Cl. 244-1.00R.
Stidham, Mark A., to Atwood Vacuum Machine Company. Swivel. 4,533,276, 8-6-85, Cl. 403-165.000.
Stiebler, Dwaine D.: *See—*
  Snetsinger, David C.; Engster, Henry M.; and Stiebler, Dwaine D., 4,516,531, Cl. 119-18.000.
Stiefel, Edward I.; Pan, Wie-Hin; and Chianelli, Russell R., to Exxon Research & Engineering Co. Self-promoted molybdenum and tungsten sulfide hydrotreating catalysts from bis(tetrathiometallate) precursors. 4,510,260, 4-9-85, Cl. 502-219.000.
Stiefel, Edward I.; Pan, Wie-Hin; and McKenna, Stephen, to Exxon Research & Engineering Co. Compounds containing the $[Co(MoS_4)_2]^{3-}$ trianion and their preparation. 4,547,321, 10-15-85, Cl. 556-14.000.
Stiefel Laboratories, Inc.: *See—*
  Stiefel, Werner K.; and Nicolai, Daniel W., 4,551,480, Cl. 514-680.000.
Stiefel, Werner K.; and Nicolai, Daniel W., to Stiefel Laboratories, Inc. Compositions for the treatment of psoriasis. 4,551,480, 11-5-85, Cl. 514-680.000.
Stieg, Richard F.; Dolan, John P.; Worley, W. Spencer; and Juergens, Tristan, to Gates Rubber Company, The. Variable speed, belt driven transmission system, speed sensing driver pulley and method. 4,493,221, 1-15-85, Cl. 474-14.000.
Stieg, Richard F., to Gates Rubber Company, The. Alternating rotary to reciprocating actuator. 4,534,232, 8-13-85, Cl. 74-89.200.
Stieg, Richard F.; Dolan, John P.; Worley, W. Spencer; and Gerbert, Goran, to Gates Rubber Company, The. Variable speed belt driven transmission system and method. 4,534,748, 8-13-85, Cl. 474-17.000.
Stiegler, Hartmut, to Buderus Aktiengesellschaft. Muffle oven for heating foodstuffs. 4,512,327, 4-23-85, Cl. 126-21.00A.
Stiegler, Karl Heinz: *See—*
  Schulze, Ehrhart; and Bochtler, Franz, 4,518,378, Cl. 493-204.000.
Stiegler, Reinhard. Apparatus for relieving psychological stress. 4,553,534, 11-19-85, Cl. 128-24.100.
Stiekel, Jan J.; Hagen, Marinus; Prins, Klaas H.; and Gerson, Philips M., to Texas Instruments Incorporated. Thermostat. 4,528,540, 7-9-85, Cl. 337-102.000.
Stieler, Dieter: *See—*
  Renner, Gunter; Wolff, Erich; Sommer, Friedhelm; Stark, Herbert; Stieler, Dieter; and Meier, Egon, 4,529,691, Cl. 430-556.000.
Stienstra, Albert J.: *See—*
  Claasen, Theodoor A. C. M.; Stienstra, Albert J.; and van Roermund, Arthur H. M., 4,517,655, Cl. 364-703.000.
Stier, Kenneth. Slats for vertical venetian blinds. 4,519,435, 5-28-85, Cl. 160-166.00A.
Stierlen-Maquet AG: *See—*
  Schnelle, Eberhard; Jung, Hans-Ulrich; and Hetzel, Werner, 4,552,346, Cl. 269-322.000.
Stifab AB: *See—*
  Steen, Gunnar, 4,523,481, Cl. 73-861.610.
Stiff, Anthony J.: *See—*
  Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., 4,541,835, Cl. 44-53.000.
  Norton, John H. R.; Rebello, Peter R.; Kavonic, Clifford M.; and Stiff, Anthony J., 4,541,837, Cl. 44-53.000.

Stiff, Omar L.: *See—*
  Miller, William D.; Stiff, Omar L.; and Mercurio, Benardo, 4,553,900, Cl. 414-745.000.
Stiff, Rodney A.; and Baker, Malcolm J., to Versatile Corporation. Billet planter. 4,530,293, 7-23-85, Cl. 111-2.000.
Stiff, Rodney A., to Toft Bros. Industries Ltd. Sugar cane harvesting method and apparatus. 4,550,552, 11-5-85, Cl. 56-13.900.
Stiff, Rodney A.; Baker, Malcolm J.; and Lester, Leslie J., to Versatile Corporation. Cane harvester. 4,555,896, 12-3-85, Cl. 56-13.900.
Stiffey, Arthur V.: *See—*
  Hannan, Patrick J.; Stiffey, Arthur V.; Jarvis, N. Lynn; and Wohltjen, Henry, 4,513,280, Cl. 340-632.000.
Stiffler, Jack J.; Budwey, Michael J.; and Nolan, James M., Jr., to Sequoia Systems, Inc. Self-checking computer circuitry. 4,541,094, 9-10-85, Cl. 371-68.000.
Stifter, Francis J., to Electronic Specialists. Oscillator phase lock system. 4,500,853, 2-19-85, Cl. 331-18.000.
Stifter, Francis J. Uninterruptible power supply. 4,553,039, 11-12-85, Cl. 307-66.000.
Stig G. Carlqvist Motor Consultant (CMC) AB: *See—*
  Carlqvist, Stig G., 4,520,628, Cl. 60-616.000.
Stiga AB: *See—*
  Johansson, Soren; Andersson, Roger; and Jonsson, Lennart, 4,537,581, Cl. 474-123.000.
Stigebrandt, Ake. Device for separating solid substances from liquids. 4,492,635, 1-8-85, Cl. 210-519.000.
Stiggelbout, William A., to Hewlett-Packard Company. Method of making flexible circuit connections. 4,551,914, 11-12-85, Cl. 29-837.000.
Stigter, Jan, to IHC Holland N.V. Split hopper vessel. 4,505,215, 3-19-85, Cl. 114-29.000.
Stigter, Willem H.: *See—*
  Wolf, Joost M.; Post, Hendrik A.; Stigter, Willem H.; van der Brug, Gerard J.; and Sieben, Joannes H. F. C., 4,545,550, Cl. 242-200.000.
Stihl, Andreas: *See—*
  Nitschmann, Karl; Linke, Wilfried; Dietzsch, Gunter; Hartmann, Werner; Kaiser, Hans-Georg; Meyle, Werner; and Dolata, Hans, 4,558,621, Cl. 83-834.000.
  Zerrer, Gerhard, 4,529,099, Cl. 220-315.000.
Stik-Trim Industries, Incorporated: *See—*
  Rothenberg, Irwin P., 4,555,441, Cl. 428-284.000.
Stiksack STS S.A.: *See—*
  Cowan, Michael A., 4,560,598, Cl. 428-35.000.
Stikvoort, Eduard F., to U.S. Philips Corporation. Digital dynamic range converter. 4,562,591, 12-31-85, Cl. 381-106.000.
Stiles, Alvin B., to Alberta Gas Chemicals Ltd. Catalyst for the production of alkanols. 4,562,174, 12-31-85, Cl. 502-174.000.
Stiles, Carl A., to Dayco Corporation. Belt construction, transverse belt element therefor and method of making the same. 4,541,822, 9-17-85, Cl. 474-201.000.
Stiles, David V.: *See—*
  Fraser, Teresa M.; and Stiles, David V., 4,544,643, Cl. 501-127.000.
Stiles, Gerald E.: *See—*
  Pelham, Russell W.; Redden, Charlotte S.; Eshkol, Aliza; and Stiles, Gerald E., 4,521,407, Cl. 424-95.000.
Stiles, Jack L. Air conditioning system. 4,537,035, 8-27-85, Cl. 62-89.000.
Stiles, John C.: *See—*
  Ljung, Bo H. G.; and Stiles, John C., 4,503,543, Cl. 372-94.000.
Stiles, Kenneth M.: *See—*
  Considine, Robert J.; Schirtzinger, Joseph F.; and Stiles, Kenneth M., 4,505,541, Cl. 350-96.230.
Stilin, John J., to Falk Corporation, The. Two speed gear drive with reversible input and unidirectional output. 4,501,169, 2-26-85, Cl. 74-812.000.
Still, David W.; and Economopoulos, Peter C., to Honeywell Information Systems Inc. Programmable logic array with dynamic test capability in the unprogrammed state. 4,499,579, 2-12-85, Cl. 371-15.000.
Still, David W.; and Economopoulos, Peter C., to Honeywell Information Systems Inc. Programmable logic array with test capability in the unprogrammed state. 4,525,714, 6-25-85, Cl. 340-825.830.
Still GmbH: *See—*
  Kremer, Manfred, 4,524,286, Cl. 290-45.000.
Still, Richard H.; Cawse, John L.; and Stanford, John L., to University of Manchester Institute of Science & Technology, The. Difunctional furan derivatives. 4,496,751, 1-29-85, Cl. 549-472.000.
Still, Robert D., Jr.; and Boeke, Paul J., to Phillips Petroleum Company. Stampable sheets of bonded laminate of metal sheet and fiber mat reinforced poly(arylene sulfide) and method of preparation using radio frequency energy. 4,522,875, 6-11-85, Cl. 428-285.000.
Still, Samuel A., Jr. Realtor sign system. 4,524,533, 6-25-85, Cl. 40-607.000.
Stille, John K., to Polymer Science. Low molecular weight aromatic polymers with biphenylene end groups. 4,507,462, 3-26-85, Cl. 528-125.000.
Stiller, Alfred H., to West Virginia University. Electrochemical neutralization of acid electrolyte. 4,561,948, 12-31-85, Cl. 204-129.000.
Stiller, Thomas M.: *See—*
  Lewis, Henry G., Jr.; and Stiller, Thomas M., 4,544,945, Cl. 358-30.000.
  Lewis, Henry G., Jr.; and Stiller, Thomas M., 4,555,768, Cl. 364-757.000.
Stillfried, Rudiger F. V.; Seegers, Gunter; and Sebesta, Gunter, to WABCO Fahrzeugbremsen GmbH. Pneumatic door operator. 4,493,244, 1-15-85, Cl. 91-420.000.
Stilling, Johann. Sign structure. 4,516,343, 5-14-85, Cl. 40-574.000.
Stilling, Johann. Sign structure. 4,547,987, 10-22-85, Cl. 40-574.000.
Stilling, Johann. Sign with flexible face. 4,554,754, 11-26-85, Cl. 40-603.000.
Stilling, Ludwig. Composite molding structure. 4,491,615, 1-1-85, Cl. 428-33.000.
Stillman, Theodore. Vitamin E compositions and methods. 4,551,332, 11-5-85, Cl. 424-195.100.
Stilwell, George R., Jr.: *See—*
  Bahl, Andrew L.; Stilwell, George R., Jr.; Uberbacher, Edward C.; and Williamson, Charles A., 4,553,814, Cl. 350-96.210.
  Kekas, Dennis H.; Stilwell, George R., Jr.; Walsh, Robert M.; and Williams, Roger C., 4,527,285, Cl. 455-607.000.
Stine, Edward V. Apparatus for measuring refractive properties of lenses and other transmissive devices. 4,514,086, 4-30-85, Cl. 356-124.000.
Stinebaugh, Donald E. Internal combustion engine. 4,553,508, 11-19-85, Cl. 123-58.0AA.
Stinebaugh, Donald E. Supercharged engine. 4,558,671, 12-17-85, Cl. 123-317.000.
Stinessen, Bernardus J.: *See—*
  Arets, Jan W.; and Stinessen, Bernardus J., 4,562,563, Cl. 369-79.000.
Sting, Donald W.: *See—*
  Fouss, James L.; Parker, John J.; Child, James L., Jr.; and Sting, Donald W., 4,523,613, Cl. 138-121.000.
Stinger, Walter E., Jr. Direct digital loudspeaker. 4,515,997, 5-7-85, Cl. 179-111.00R.
Stinglwagner, Andrea: *See—*
  Kurz, Josef; and Stinglwagner, Andrea, 4,556,160, Cl. 225-67.000.
Stinson, Walter J.; and Phillips, Larry J., to General Signal Corporation. Valve operator control system. 4,518,146, 5-21-85, Cl. 251-28.000.
Stinson, Walter J.: *See—*
  Jandrasi, Frank J.; Pampell, Davy G.; and Stinson, Walter J., 4,512,363, Cl. 137-375.000.
Stinton, Robert T.: *See—*
  Long, Richard W.; and Stinton, Robert T., 4,502,817, Cl. 405-186.000.
  Long, Richard W.; and Stinton, Robert T., 4,547,904, Cl. 2-2.10R.
Stipanovic, Arthur J., to Texaco Inc. Method for oil recovery using a polymer containing fluid. 4,548,268, 10-22-85, Cl. 166-270.000.
Stirbis, James S., to Adolph Coors Company. Print cylinder assembly and mounting and tightening apparatus therefor. 4,491,068, 1-1-85, Cl. 101-40.000.
Stirbis, James S., to Adolph Coors Company. Cam assembly for skip-print mandrel wheel assembly. 4,498,387, 2-12-85, Cl. 101-40.000.
Stirbis, James S., to Adolph Coors Company. Disk transfer system. 4,509,555, 4-9-85, Cl. 137-625.110.
Stirco Inc.: *See—*
  Neier, Benjamin R.; and Stirling, Donald L., 4,506,990, Cl. 366-299.000.
Stirling, Donald L.: *See—*
  Neier, Benjamin R.; and Stirling, Donald L., 4,506,990, Cl. 366-299.000.
Stirling, Irene; Bruton, Gordon; Calvert, Stephen H.; and Clarke, Brian P., to Beecham Group p.l.c. β-Lactam compounds. 4,524,073, 6-18-85, Cl. 514-80.000.
Stirling, Irene: *See—*
  Clarke, Brian P.; Harbridge, John B.; and Stirling, Irene, 4,539,202, Cl. 424-114.000.
  Harbridge, John B.; and Stirling, Irene, 4,562,182, Cl. 514-210.000.
Stirling Technology, Inc.: *See—*
  Chagnot, Bruce J.; and Wood, James G., 4,553,392, Cl. 60-517.000.
Stirling Thermal Motors, Inc.: *See—*
  Meijer, Roelf J.; and Ziph, Benjamin, 4,523,636, Cl. 165-104.260.
  Meijer, Roelf J.; Ziph, Benjamine; and Godett, Ted M., 4,532,855, Cl. 92-71.000.
Stirrat, John C.; Hurley, Kenneth L.; and Whittaker, Brian F., to Delphax Systems. Toner feeder system. 4,548,490, 10-22-85, Cl. 355-3.0DD.
Stisen, Borge. Straw fuel briquette press. 4,519,808, 5-28-85, Cl. 44-10.00A.
Stites, Alfred W. Swimmer exercising apparatus. 4,529,192, 7-16-85, Cl. 272-71.000.
Stites, David G., to Bell & Howell Company. Dove prism for convergent light paths. 4,514,050, 4-30-85, Cl. 350-444.000.
Stites, Francis H., to GTE Automatic Electric Laboratories Incorporated. Solid state transmit/receive switch. 4,525,863, 6-25-85, Cl. 455-83.000.
Stits, Raymond M. High tenacity polyester filament fabric. 4,559,975, 12-24-85, Cl. 139-420.00R.
Stitt, Edward M., to Allenberg, Sam. Pressure sensitive label with surface conforming lobes. 4,547,001, 10-15-85, Cl. 283-81.000.
Stitt, Thomas D.: *See—*
  Brown, Herbert J.; and Stitt, Thomas D., 4,524,316, Cl. 318-809.000.
Stivala, Oscar G. Sutureless closure system. 4,539,990, 9-10-85, Cl. 128-335.000.
Stiwa-Fertigungstechnik Sticht Gesellschaft m.b.H.: *See—*
  Sticht, Walter, 4,515,264, Cl. 198-344.000.
  Sticht, Walter; and Schwankhart, Gerhard, 4,523,447, Cl. 72-144.000.
  Sticht, Walter, 4,530,287, Cl. 104-168.000.

Stix, Wolfgang; Bottenbruch, Ludwig; and Neuray, Dieter, to Bayer Aktiengesellschaft. Polycarbonates having terminal groups which contain conjugated double bonds. 4,518,747, 5-21-85, Cl. 525-462.000.

Stix, Wolfgang: *See—*
  Nouvertne , Werner; and Stix, Wolfgang, 4,539,370, Cl. 525-67.000.

Stixrud, Thomas E.; and Sotirin, Barbara, to United States of America, Navy. Universal microcomputer for individual sensors. 4,562,554, 12-31-85, Cl. 364-900.000.

Stoakley, Diane M.: *See—*
  St. Clair, Anne K.; Stoakley, Diane M.; St. Clair, Terry L.; and Singh, Jag J., 4,510,277, Cl. 523-454.000.

Stobb, Anton R., deceased (by Stobb, Walter J., executor), to Stobb, Inc. Method and apparatus for separating signatures from a stack. 4,555,101, 11-26-85, Cl. 270-58.000.

Stobb, Inc.: *See—*
  Lukas, David C.; Moser, James R.; and Schlough, James R., 4,531,724, Cl. 271-166.000.
  Moser, James R., 4,518,156, Cl. 270-54.000.
  Stobb, Anton R., deceased, 4,555,101, Cl. 270-58.000.
  Stobb, Walter J., 4,496,140, Cl. 270-54.000.
  Stobb, Walter J., 4,502,828, Cl. 414-226.000.
  Stobb, Walter J., 4,509,415, Cl. 100-2.000.
  Stobb, Walter J., 4,518,157, Cl. 270-58.000.
  Stobb, Walter J., 4,519,740, Cl. 414-71.000.
  Stobb, Walter J., 4,540,168, Cl. 271-101.000.
  Thumm, Klaus A., 4,554,867, Cl. 100-3.000.

Stobb, Walter J., to Stobb, Inc. Apparatus for handling a signature. 4,496,140, 1-29-85, Cl. 270-54.000.

Stobb, Walter J., to Stobb, Inc. Automated sheet-moving system. 4,502,828, 3-5-85, Cl. 414-226.000.

Stobb, Walter J., to Stobb, Inc. Method and apparatus for supplying strap to an item. 4,509,415, 4-9-85, Cl. 100-2.000.

Stobb, Walter J., to Stobb, Inc. Method for trimming a signature held in a rotary clamp. 4,518,157, 5-21-85, Cl. 270-58.000.

Stobb, Walter J., to Stobb, Inc. Apparatus and method for palletizing bundles of sheets. 4,519,740, 5-28-85, Cl. 414-71.000.

Stobb, Walter J., to Stobb, Inc. Method and apparatus for removing sheets from a stack. 4,540,168, 9-10-85, Cl. 271-101.000.

Stobb, Walter J., executor: *See—*
  Stobb, Anton R., deceased, 4,555,101, Cl. 270-58.000.

Stobbe, Jens M. D. Suspension rack for bags and sacks, in particular refuse disposal bags for domestic purposes. 4,538,783, 9-3-85, Cl. 248-99.000.

Stobbe, Lev G.: *See—*
  Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.

Stoberl, Walter: *See—*
  Behrens, Martin; and Stoberl, Walter, 4,561,792, Cl. 400-618.000.

Stocco, Sam; and Davis, Stanley, to Thiele Engineering Company. Rotary pick and placement machine. 4,516,765, 5-14-85, Cl. 271-95.000.

Stock, Horst: *See—*
  Lossl, Gunter; Zauhar, Helmut; and Stock, Horst, 4,513,544, Cl. 51-283.00R.

Stock, Hugh J., to Pacer Technology and Resources, Inc. Dropper for cyanoacrylate adhesives. 4,498,609, 2-12-85, Cl. 222-420.000.

Stock, Norman A.: *See—*
  Wisnia, Jack; and Stock, Norman A., 4,538,769, Cl. 241-179.000.

Stock, Robert A.; and Hayskar, Robert A., to Xerox Corporation. Label scanner assembly for labelling machines. 4,557,786, 12-10-85, Cl. 156-350.000.

Stock, Rodney D.; and Newman, Gary H., to Lucasfilm Ltd. Universal circuit prototyping board. 4,524,240, 6-18-85, Cl. 174-68.500.

Stock, Terence P.: *See—*
  Barnard, Richard H.; and Stock, Terence P., 4,561,310, Cl. 73-861.020.

Stock, William H., to Rockwell International Corporation. Method and system for store rack carriage. 4,543,873, 10-1-85, Cl. 89-1.590.

Stockbridge, Bruce W., to Eastman Kodak Company. Dowel-aligned multiple plate stuffer box crimper construction for filter tow. 4,521,944, 6-11-85, Cl. 28-264.000.

Stockburger, Dieter: *See—*
  Wintermantel, Klaus; Stockburger, Dieter; and Fuchs, Hugo, 4,493,719, Cl. 62-572.000.

Stockburger, Hermann; and Winderlich, Hans-Georg. Method and device for identifying data supports. 4,493,107, 1-8-85, Cl. 382-58.000.

Stockburger, Hermann; and Winderlich, Hans-Georg. Method and apparatus for aligning flat data supports. 4,501,959, 2-26-85, Cl. 235-485.000.

Stockburger, Hermann; and Bauer, Siegfried. Device for feeding data supports in a processing arrangement. 4,505,471, 3-19-85, Cl. 271-251.000.

Stockburger, Hermann; and Winderlich, Hans-Georg. Method for operating automatic devices such as cash registers or the like and a device for carrying out the method. 4,518,852, 5-21-85, Cl. 235-381.000.

Stockburger, Hermann; Winderlich, Hans-Georg; Bauer, Siegfried; and Adamovic, Zeljko H. Method and device for registering the use of copying machines. 4,533,237, 8-6-85, Cl. 355-40.000.

Stockburger, Hermann; and Winderlich, Hans-Georg. Data carrier controlled data processing. 4,535,418, 8-13-85, Cl. 364-900.000.

Stockburger, Hermann; and Winderlich, Hans-Georg. Method of producing a controlled number of authorization members. 4,542,465, 9-17-85, Cl. 364-468.000.

Stockburger, Hermann; and Bauer, Siegfried. Method for protecting against the re-transfer of uniquely recorded information on a data carrier and apparatus for recording and/or reading re-transfer-protected information. 4,546,242, 10-8-85, Cl. 235-454.000.

Stockdale, Robert, to Siemens Corporate Research & Support, Inc. Overload detection and control system for a telecommunications exchange. 4,511,762, 4-16-85, Cl. 179-9.000.

Stockdale, Trevor J.; and Churchill, John E., to U.S. Philips Corporation. Automatic sampling arrangement. 4,501,164, 2-26-85, Cl. 73-864.250.

Stockdale, Trevor J., to U.S. Philips Corporation. Atomic absorption spectrophotometer. 4,508,451, 4-2-85, Cl. 356-315.000.

Stockdale, Trevor J.: *See—*
  Churchill, John E.; and Stockdale, Trevor J., 4,541,291, Cl. 73-864.250.

Stockdale, Wendell B.: *See—*
  Breuninger, Robert E., 4,520,753, Cl. 118-500.000.

Stockel, Dieter: *See—*
  Geibig, Karl F.; Schwab, Adolf; and Stockel, Dieter, 4,553,063, Cl. 313-325.000.

Stockel, Richard F.; and Jelling, Murray. Anti-microbial compositions and associated methods for preparing the same and for the disinfecting of various objects. 4,499,077, 2-12-85, Cl. 424-149.000.

Stockel, Richard F. Animal litter. 4,506,628, 3-26-85, Cl. 119-1.000.

Stockel, Richard F.; and Dumas, Philip E. Selenium-containing platinum compound. 4,536,571, 8-20-85, Cl. 536-23.000.

Stocker, Bruce A. D., to Leland Stanford Junior University, The Board of Trustees of the. Non-reverting salmonella. 4,550,081, 10-29-85, Cl. 435-253.000.

Stocker, Hans-Werner: *See—*
  Volpert, Fritz; and Stocker, Hans-Werner, 4,557,956, Cl. 428-35.000.

Stocker, John, to Hoffmann-La Roche Inc. Antibody/antigen determination method. 4,560,647, 12-24-85, Cl. 435-5.000.

Stocker, Lajos: *See—*
  Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.

Stocker, Lester H., to Bell & Howell Company. Document handling machine with double collector and method of operation. 4,502,676, 3-5-85, Cl. 270-45.000.

Stocker, Raymond, to Ford Motor Company. Throttle valve linkage adjustment gauge and method therefor. 4,505,045, 3-19-85, Cl. 33-181.0AT.

Stockham, Michael A.: *See—*
  Hider, Robert C.; Kontoghiorghes, George; Silver, Jack; and Stockham, Michael A., 4,550,101, Cl. 514-188.000.

Stockhausen, Philip J. Sailboard cargo carrier. 4,545,772, 10-8-85, Cl. 441-74.000.

Stocking, George E.; and Pohl, Walter J., to General Electric Company. Air conditioning apparatus. 4,534,179, 8-13-85, Cl. 62-128.000.

Stocking, William B. Propulsion plant for air-cushioned vehicles. 4,534,434, 8-13-85, Cl. 180-120.000.

Stockinger, Friedrich; and Haug, Theobald, to Ciba-Geigy Corporation. Phenol-novolaks containing amino groups. 4,500,691, 2-19-85, Cl. 525-503.000.

Stockinger, Friedrich; Lohse, Friedrich; and Moser, Roland, to Ciba-Geigy Corporation. Cyanoacylamide compounds. 4,529,821, 7-16-85, Cl. 564-105.000.

Stockinger, Friedrich; Lohse, Friedrich; and Zondler, Helmut, to Ciba-Geigy Corporation. Process for the preparation of N-substituted N-cyancarboxylic acid amides. 4,550,203, 10-29-85, Cl. 564-105.000.

Stockinger, Friedrich: *See—*
  Haug, Theobald; and Stockinger, Friedrich, 4,518,748, Cl. 525-481.000.
  Haug, Theobald; and Stockinger, Friedrich, 4,552,935, Cl. 525-488.000.

Stockl, Klaus; and Engert, Reinhard, to Siemens Aktiengesellschaft. Chair for dental patients. 4,505,514, 3-19-85, Cl. 297-322.000.

Stockl, Klaus, to Siemens Aktiengesellschaft. Lifting device for a dentist chair. 4,533,106, 8-6-85, Cl. 248-421.000.

Stockl, Klaus: *See—*
  Behringer, Wolfgang; Stockl, Klaus; and Weiland, Rolf-Juergen, 4,527,976, Cl. 433-33.000.

Stockle, Bernd; and Pfendler, Klaus, to International Standard Electric Corporation. Apparatus for synchronizing the slats of motor driven window blinds. 4,492,908, 1-8-85, Cl. 318-663.000.

Stockman, James J., to Shaw Industries Limited. Method and apparatus for applying a coating material to a pipe. 4,544,426, 10-1-85, Cl. 156-73.600.

Stockman, Robert M., to American Radionic Co., Inc. Capacitor unit with multiple selectable capacitance values. 4,558,394, 12-10-85, Cl. 361-306.000.

Stockmann, Michael: *See—*
  Auracher, Franz; Buerk, Hermann; Keil, Rudolf; Stockmann, Michael; Weingand, Kaspar; and Zeitler, Karl-Heinz, 4,505,539, Cl. 350-96.150.
  Auracher, Franz; and Stockmann, Michael, 4,548,464, Cl. 350-96.140.

Stockmaster, Edward F.: *See—*
  Richman, Lonnie J.; and Stockmaster, Edward F., 4,561,558, Cl. 220-203.000.

Stockmeyer, Rolf, to Kernforschungsanlage Julich Gesellschaft mit beschrankter Haftung. Methane storage for methane-powered vehicles. 4,495,900, 1-29-85, Cl. 123-1.00A.

Stockner, Alan R.: *See—*

Bailey, John M.; Gibson, Dennis H.; Hackett, David E.; Stockner, Alan R.; and Waldman, Donald J., 4,531,494, Cl. 123-450.000.

Gibson, Dennis H.; Shinogle, Ronald D.; and Stockner, Alan R., 4,528,965, Cl. 123-502.000.

Gibson, Dennis H.; and Stockner, Alan R., 4,530,331, Cl. 123-450.000.

Gibson, Dennis H.; Stockner, Alan R.; and Waldman, Donald J., 4,554,901, Cl. 123-450.000.

Stockrail Services Limited: *See—*

Duce, Edward, 4,561,359, Cl. 104-94.000.

Stockton, Dean B.: *See—*

Gini, Donald; and Stockton, Dean B., 4,518,634, Cl. 427-128.000.

Stockton, James G., to NL Industries, Inc. System for detecting blow out and lost circulation in a borehole. 4,527,425, 7-9-85, Cl. 73-155.000.

Stockton, Neville R. T. Conveyor belt scraper. 4,541,523, 9-17-85, Cl. 198-499.000.

Stockton, Thomas R., to Ford Motor Company. Drive system for automotive power steering pump. 4,505,350, 3-19-85, Cl. 180-143.000.

Stockton, Thomas R., to Ford Motor Company. Steering gear control valve for variable displacement pump. 4,522,565, 6-11-85, Cl. 417-220.000.

Stockton, Thomas R., to Ford Motor Company. Four-wheel drive clutch lubrication system. 4,560,056, 12-24-85, Cl. 192-113.00B.

Stockton, William W., to United States of America, Air Force. Asymmetric thrust warning system for dual engine aircraft. 4,546,353, 10-8-85, Cl. 340-966.000.

Stoddard, John P., to Ford Motor Company. Flip-down pushbutton end caps for a radio tuner. 4,555,958, 12-3-85, Cl. 74-10.330.

Stoddart, Raymond, to Gilkey, Edward L. Baggage claim ticket holder. 4,531,312, 7-30-85, Cl. 40-10.00D.

Stodieck, Robert W.: *See—*

McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,542,365, Cl. 338-20.000.

McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,549,161, Cl. 338-20.000.

McTavish, Mary S.; Stodieck, Robert W.; and Doljack, Frank A., 4,550,301, Cl. 338-20.000.

Stodolka, Mark J., to Occidental Chemical Corporation. Process for cleaning vessels containing sulfur dichloride. 4,545,822, 10-8-85, Cl. 134-10.000.

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Feldmann, Hugo; Gipperich, Theodor; Kirchhoff, Hans; and Stodt, Rolf, 4,554,813, Cl. 72-251.000.

Stodulka, Jan: *See—*

Voss, Jurgen; Dombkowski, Otto; Kudlich, Walter; and Stodulka, Jan, 4,555,024, Cl. 206-454.000.

Stoeberl, Walter, to Siemens Aktiengesellschaft. Paper feed apparatus for typewriters or business machines having a paper levelling gap disposed in the paper guidance channel. 4,549,826, 10-29-85, Cl. 400-708.000.

Stoechio-Matic AG: *See—*

Frick, Adolf, 4,509,914, Cl. 431-121.000.

Stoeckel, Dieter: *See—*

Tautzenberger, Peter; Schneider, Friedrich; and Stoeckel, Dieter, 4,554,027, Cl. 148-11.50R.

Stoecker, Alberto: *See—*

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Stoeckli, Oscar W.; and Berry, David J., to General Foods Corporation. Aromatizing method. 4,496,596, 1-29-85, Cl. 426-388.000.

Stoehr, Herbert M.; and Toben, John J., to Artos Engineering Company. Apparatus for producing elongated workpieces of predetermined transverse profile. 4,553,418, 11-19-85, Cl. 72-132.000.

Stoelting, Inc.: *See—*

Stecker, Earl M.; and Plamann, Richard C., 4,502,617, Cl. 222-385.000.

Stoepel, Kurt: *See—*

Wehinger, Egbert; Meyer, Horst; Bossert, Friedrich; Vater, Wulf; Towart, Robertson; Stoepel, Kurt; and Kazda, Stanislav, 4,510,310, Cl. 546-321.000.

Wehinger, Egbert; Bossert, Friedrich; Vater, Wulf; and Stoepel, Kurt, 4,551,467, Cl. 514-334.000.

Stoerk, Peter; and Thom, Gunter, to Siemens Aktiengesellschaft. Releasable optical fiber connector having flexible webs and undersized grooves. 4,548,467, 10-22-85, Cl. 350-96.210.

Stoerk, Peter; and Thom, Gunter, to Siemens Aktiengesellschaft. Switch for optical light waveguides. 4,557,555, 12-10-85, Cl. 350-96.200.

Stoermer, Ralph T., III; and Darner, James C., to Becton, Dickinson and Company. Generation of anaerobic or microaerophilic atmosphere. 4,562,051, 12-31-85, Cl. 423-219.000.

Stoerr, Jacques, to Essilor International (Compagnie Generale d'Optique). Measurement method and device for facilitating the mounting of corrective glasses on a spectacle frame. 4,531,297, 7-30-85, Cl. 33-200.000.

Stoessel, Armin: *See—*

Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,491,637, Cl. 502-66.000.

Hartig, Juergen; Stoessel, Armin; Herrmann, Guenter; and Marosi, Laszlo, 4,543,427, Cl. 568-342.000.

Stoessel, John: *See—*

Ibanez, Paul; Stoessel, John; and Barrett, Donald C., 4,560,016, Cl. 177-210.00R.

Stoesser, Klaus; and Vinson, Heinz, to Battelle-Institut e.V. Circuit arrangement for the electronic code locking of locks. 4,499,462, 2-12-85, Cl. 340-825.310.

Stoetzer, Steven R., to Acheson Industries, Inc. Nickel coating composition for shielding electronic equipment and the like. 4,517,118, 5-14-85, Cl. 252-513.000.

Stoetzer, Steven R., to Acheson Industries, Inc. Silver coating composition for use in electronic applications and the like. 4,518,524, 5-21-85, Cl. 252-514.000.

Stoff, William G.: *See—*

Rea, Gerald M.; Stoff, William G.; and Zens, John F., 4,521,050, Cl. 296-192.000.

Stoffel, Hans F.; Saunders, William T.; and Sporri, Anthony J., to Stoffel Technologies, Inc. Method for making a necked container. 4,527,412, 7-9-85, Cl. 72-349.000.

Stoffel, James C., to Xerox Corporation. Raster input/output scanner. 4,496,984, 1-29-85, Cl. 358-293.000.

Stoffel, James C., to Xerox Corporation. Multi-mode scanner. 4,536,077, 8-20-85, Cl. 355-8.000.

Stoffel, James C.; and Ramchandani, Chander B. Bandwidth efficient multipoint data communication system. 4,536,874, 8-20-85, Cl. 370-85.000.

Stoffel, James C.: *See—*

Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., 4,506,301, Cl. 358-280.000.

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Stoffel, Hans F.; Saunders, William T.; and Sporri, Anthony J., 4,527,412, Cl. 72-349.000.

Stoffelsma, Jan U., to Wavin B.V. Method for coloring polyvinylchloride. 4,495,128, 1-22-85, Cl. 264-211.000.

Stofko, John, to Carbocol Inc. Apparatus for converting a conduction press for consolidation of products by heat and pressure to a convection press. 4,504,205, 3-12-85, Cl. 425-181.000.

Stogner, Clarence H.; and Koerner, David J., to Xomox Corporation. Apparatus for moving a controlled member to a predetermined position. 4,527,769, 7-9-85, Cl. 251-14.000.

Stogner, Claude R.: *See—*

Walter, Jerry D.; and Stogner, Claude R., 4,523,864, Cl. 384-613.000.

Stohl, Frances V.: *See—*

Dosch, Robert G.; Stephens, Howard P.; and Stohl, Frances V., 4,511,455, Cl. 208-10.000.

Stohlquist, Roger H., to APV Anderson Bros. Inc. Packaging apparatus for stick confections. 4,530,435, 7-23-85, Cl. 209-592.000.

Stohlquist, Roger H.; and Stenberg, Roger A., to APV Anderson Bros. Inc. Packaging machine. 4,545,183, 10-8-85, Cl. 53-566.000.

Stohr, Frank-Michael; and Nickel, Horst, to Bayer Aktiengesellschaft. Piperazinyl-triazinylnaphtholsulphonic acid azo dyes. 4,544,737, 10-1-85, Cl. 534-605.000.

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Beck, Ulrich; Stohr, Frank-Michael; and Nickel, Horst, 4,521,217, Cl. 8-639.000.

Kunde, Klaus; and Stohr, Frank-Michael, 4,517,357, Cl. 534-605.000.

Wild, Peter; and Stohr, Frank-Michael, 4,509,948, Cl. 8-539.000.

Stohrer, Charles E., Jr., to Harper-Wyman Company. Two-way adjustable grate and method for adjusting the length and width. 4,553,523, 11-19-85, Cl. 126-9.00B.

Stoisiek, Michael, to Siemens Aktiengesellschaft. Thyristor with controllable emitter short circuits and trigger amplification. 4,509,068, 4-2-85, Cl. 357-38.000.

Stoisiek, Michael, to Siemens Aktiengesellschaft. Light triggerable thyristor with controllable emitter-short circuit and trigger amplification. 4,509,069, 4-2-85, Cl. 357-38.000.

Stojanovski, Stojan. Indexable ball nose end mill. 4,525,110, 6-25-85, Cl. 407-40.000.

Stojek, Dieter, to Ford Motor Company. Carburetor with a slidable throttle member controlling the air induction passage. 4,551,284, 11-5-85, Cl. 261-44.00B.

Stoka, Roberto; and Haar, Lucas H., to ITT Industries, Inc. Floating-caliper spot-type disc brake. 4,494,630, 1-22-85, Cl. 188-71.800.

Stoka, Roberto, to ITT Industries, Inc. Spot-type disc brake for automotive vehicles. 4,537,288, 8-27-85, Cl. 188-71.800.

Stoka, Roberto: *See—*

Burgdorf, Jochen; and Stoka, Roberto, 4,552,253, Cl. 188-73.380.

Stoker, Albert, to U.S. Philips Corporation. Audio-amplifier arrangement. 4,544,895, 10-1-85, Cl. 330-273.000.

Stokes, Brian: *See—*

Barclay, John L.; Stevens, Geoffrey C.; Stokes, Brian; and Ward, Denis S., 4,557,637, Cl. 406-153.000.

Stokes, Bruce G.: *See—*

Sheldon, Donald A.; Stokes, Bruce G.; Weber, Robert E.; and Greenman, Edwin G., 4,522,967, Cl. 524-377.000.

Stokes, Gilbert A. Ball feeder for throwing machine. 4,502,455, 3-5-85, Cl. 124-50.000.

Stokes, Keith J., to James Chemical Engineering Inc. Process for treatment of urea plant process condensate. 4,552,979, 11-12-85, Cl. 564-69.000.

Stokes, Kenneth B., to Medtronic, Inc. Drug dispensing body implantable lead. 4,506,680, 3-26-85, Cl. 128-786.000.

Stokes, Konrad H., to International Business Machines Corporation. Method for controlling contamination in a clean room. 4,530,272, 7-23-85, Cl. 98-34.500.

- Stokes, Larry W.: *See—*
  - Yerushalmy, Yosef; and Stokes, Larry W., 4,517,437, Cl. 219-121.0PP.
- Stokes, Loren F.; Shaw, Herbert J.; and Chodorow, Marvin, to Leland Stanford Junior University, The Board of Trustees of the. Brillouin ring laser. 4,530,097, 7-16-85, Cl. 372-6.000.
- Stokes, Loren F.: *See—*
  - Shaw, Herbert J.; Chodorow, Marvin; and Stokes, Loren F., 4,530,603, Cl. 356-345.000.
- Stokes, Olen L., Jr.: *See—*
  - Cato, Robert T.; Dickson, LeRoy D.; and Stokes, Olen L., Jr., 4,548,463, Cl. 350-3.710.
- Stokes, Robert B.; Yen, Kuo-Hsiung; Lau, Kei-Fung; Kagiwada, Reynold S.; and Delaney, Michael J., to TRW Inc. Surface acoustic wave spectrum analyzer. 4,499,393, 2-12-85, Cl. 310-313.00A.
- Stokes, Robert B.: *See—*
  - Yen, Kuo-Hsiung; Stokes, Robert B.; Lau, Kei-Fung; Kong, Alvin M.; and Kagiwada, Reynold S., 4,513,261, Cl. 333-194.000.
- Stokes, Scott. Solar drying device and method for drying. 4,490,926, 1-1-85, Cl. 34-76.000.
- Stokes, Vijay K., to General Electric Company. Double beam motor vehicle bumpers. 4,533,166, 8-6-85, Cl. 293-120.000.
- Stokes, Vijay K., to General Electric Company. Molded commutator and method of manufacture. 4,559,464, 12-17-85, Cl. 310-233.000.
- Stokes, Walter S. Centrifugal fan impeller. 4,531,890, 7-30-85, Cl. 416-187.000.
- Stol, Israel, to Invocas, Inc. Anchor bolt with mechanical keys deployed by internal pressurization. 4,511,296, 4-16-85, Cl. 411-20.000.
- Stol, Israel, to Invocas, Inc. Fastener improvement including introduction of selected capsule of adhesive into porous basket hung in bore for activation by fastener installation. 4,514,125, 4-30-85, Cl. 411-82.000.
- Stol, Israel, to Westinghouse Electric Corp. Pressure-differential method for sleeve-to-tube joining. 4,514,614, 4-30-85, Cl. 219-125.110.
- Stol, Israel. Surface-fastened frangible adhesive capsule. 4,519,866, 5-28-85, Cl. 156-295.000.
- Stol, Israel, to Westinghouse Electric Corp. High reliability double-chambered shielding system for welding. 4,528,436, 7-9-85, Cl. 219-74.000.
- Stol, Israel. Splatter arrester for surface-fastened frangible adhesive capsule. 4,529,466, 7-16-85, Cl. 156-295.000.
- Stol, Israel, to Westinghouse Electric Corp. Method and apparatus for arc welding. 4,547,654, 10-15-85, Cl. 219-137.0PS.
- Stol, Israel. Helical elevating dispenser for round objects such as candies. 4,560,086, 12-24-85, Cl. 221-24.000.
- Stolarczyk, Larry G.; and Owerko, John R., to A. R. F. Products. Security system with infrared optical position detector. 4,507,654, 3-26-85, Cl. 340-545.000.
- Stolarz, Zofia: *See—*
  - Dabrowski, Roman; Dziaduszek, Jerzy; Szczucinski, Tomasz; Stolarz, Zofia; Zielinski, Jerzy; and Kenig, Krystyna, 4,528,116, Cl. 252-299.630.
- Stolberg, Hermann J.: *See—*
  - Muller, Rudolf; and Stolberg, Hermann J., 4,527,773, Cl. 251-306.000.
- Stoldt, August; Stemig, Heinz; Breidohr, Hans-Gunther; and Martin, Manfred, to Akzo N.V. Hollow thread bundle and method of its manufacture. 4,559,884, 12-24-85, Cl. 112-262.100.
- Stolen, Rogers H.: *See—*
  - Ashkin, Arthur; Dziedzic, Joseph M.; Simpson, Jay R.; and Stolen, Rogers H., 4,529,262, Cl. 350-96.150.
  - Howard, Richard E.; Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,515,436, Cl. 350-96.330.
  - Pleibel, William; Simpson, Jay R.; and Stolen, Rogers H., 4,529,426, Cl. 65-3.110.
- Stolfa, Frank: *See—*
  - White, John B., Jr.; McHarg, Robert E.; and Stolfa, Frank, 4,536,280, Cl. 208-106.000.
- Stolhand, James E.: *See—*
  - Cantu, Lisa A.; Yost, Marvin E.; Coffee, Robert L.; and Stolhand, James E., 4,527,626, Cl. 166-275.000.
- Stolk, Gerritt: *See—*
  - Hensley, Gary L.; Van Dokkum, Jan; Groeneweg, Adrianus; and Stolk, Gerritt, 4,557,142, Cl. 73-153.000.
- Stoll, Andy J., III, to Owens-Illinois, Inc. Parrot-beakable freestanding plastic drum assemblage for handling heavy materials. 4,500,007, 2-19-85, Cl. 220-71.000.
- Stoll, Bradley G.: *See—*
  - Dalke, Charles A.; and Stoll, Bradley G., 4,548,783, Cl. 376-204.000.
- Stoll, Donald H.: *See—*
  - Woodward, Stewart A.; Hilty, Ronald L.; and Stoll, Donald H., 4,512,199, Cl. 73-725.000.
- Stoll GmbH and Company: *See—*
  - Stoll, Thomas; Ploppa, Jurgen; and Goller, Ernst, 4,549,412, Cl. 66-149.00R.
- Stoll, Kurt. Three-way air valve. 4,499,921, 2-19-85, Cl. 137-627.500.
- Stoll, Kurt; and Glattli, Hans-Heinrich. Adapter formed from a composite foamed adapter block having fluid channels and a process for its manufacture. 4,507,345, 3-26-85, Cl. 428-137.000.
- Stoll, Kurt. Control valve unit for the cylinder of a fluid actuator. 4,518,011, 5-21-85, Cl. 137-596.170.
- Stoll, Kurt. Solenoid valve. 4,519,421, 5-28-85, Cl. 137-596.160.
- Stoll, Kurt; and Glattli, Hans-Heinrich. Adapter block and a mold for producing such blocks by foam molding. 4,520,061, 5-28-85, Cl. 428-137.000.
- Stoll, Kurt; and Rudle, Manfred. Spool valve. 4,524,803, 6-25-85, Cl. 137-625.640.
- Stoll, Kurt; and Glattli, Hans-Heinrich. Process and apparatus for producing adapter blocks for systems working with fluid under pressure. 4,526,827, 7-2-85, Cl. 428-137.000.
- Stoll, Kurt. Valve assembly. 4,527,589, 7-9-85, Cl. 137-596.000.
- Stoll, Kurt; and Glattli, Hans-Heinrich. Gasket. 4,529,214, 7-16-85, Cl. 277-212.00F.
- Stoll, Kurt. Plug connection system. 4,530,618, 7-23-85, Cl. 403-322.000.
- Stoll, Kurt; and Hihn, Gerhard. Braking device for a fluid power actuator. 4,537,113, 8-27-85, Cl. 92-24.000.
- Stoll, Kurt; and Glattli, Hans-Heinrich. Choke unit. 4,544,130, 10-1-85, Cl. 251-208.000.
- Stoll, Kurt. Electro-fluidic circuit board assembly with fluid ducts and electrical connections. 4,549,248, 10-22-85, Cl. 361-400.000.
- Stoll, Kurt. Electric linear drive with an external rotor electric motor 4,560,894, 12-24-85, Cl. 310-67.00R.
- Stoll, Martin. Cutting segment with porous center section. 4,505,251, 3-19-85, Cl. 125-15.000.
- Stoll, Paul W.: *See—*
  - Brady, C. Eugene; Gottsche, Marcus J.; and Stoll, Paul W., 4,493,617, Cl. 417-214.000.
- Stoll, Robert W.; MacLaury, Michael R.; and Wilson, Ronald H., to General Electric Company. Enhancing the selectivity of tungsten deposition on conductor and semiconductor surfaces. 4,552,783, 11-12-85, Cl. 427-91.000.
- Stoll, Robert W.; and MacLaury, Michael R., to General Electric Company. Method for treating fumed silica. 4,554,147, 11-19-85, Cl. 423-335.000.
- Stoll, Rudi. Safety lock for automobiles. 4,541,257, 9-17-85, Cl. 70-247.000.
- Stoll, Thomas; Ploppa, Jurgen; and Goller, Ernst, to Stoll GmbH and Company. Fabric take-down device for knitting machines. 4,549,412, 10-29-85, Cl. 66-149.00R.
- Stoll, Ulrich W. Method and apparatus for measuring the strength of hardened concrete. 4,538,467, 9-3-85, Cl. 73-803.000.
- Stoll, Wolfgang; and Ennerst, Karl, to Alkem GmbH. Method for reprocessing a nuclear reactor fuel rod. 4,514,364, 4-30-85, Cl. 423-4.000.
- Stoll, Wolfgang: *See—*
  - Ledebrink, Friedrich-Wilhelm; Rosenkranz, Wolfgang; and Stoll, Wolfgang, 4,528,130, Cl. 252-643.000.
- Stollberg, Theodore A.: *See—*
  - Bergeron, Ned; and Stollberg, Theodore A., 4,499,846, Cl. 116-272.000.
- Stolle Corporation, The: *See—*
  - Kaminski, Elton G., 4,495,706, Cl. 33-333.000.
  - Kaminski, Elton G.; and McEldowney, Carl F., 4,530,631, Cl. 413-12.000.
  - Kaminski, Elton G., 4,536,765, Cl. 343-704.000.
- Stolle Research and Development Corporation, The: *See—*
  - Meyers, William E.; and Beck, Lee R., 4,546,083, Cl. 435-240.000.
  - Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,530,840, Cl. 514-179.000.
  - Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., 4,542,025, Cl. 424-78.000.
- Stoller Enterprises, Inc.: *See—*
  - Stoller, Jerry H., 4,547,213, Cl. 71-53.000.
- Stoller, Herbert I.: *See—*
  - Feinberg, Irving; Kraus, Charles J.; and Stoller, Herbert I., 4,546,413, Cl. 361-410.000.
  - Kraus, Charles J.; Stoller, Herbert I.; and Wu, Leon L., 4,535,388, Cl. 361-414.000.
- Stoller, Jerry H., to Stoller Enterprises, Inc. Rock phosphate/sulfur fertilizer composition. 4,547,213, 10-15-85, Cl. 71-53.000.
- Stoller, Kenneth P.; and Taff, Barry E. Method and apparatus for detecting body illness, dysfunction, disease and/or pathology. 4,557,271, 12-10-85, Cl. 128-734.000.
- Stoller, Kenneth P.; and Taff, Barry E. Method and apparatus for detecting ovulation. 4,557,273, 12-10-85, Cl. 128-738.000.
- Stoller, Milton, to Spectrascan, Inc. Transillumination method. 4,495,949, 1-29-85, Cl. 128-664.000.
- Stolov, Adi: *See—*
  - Stolov, Michael; and Stolov, Adi, 4,560,241, Cl. 350-339.00R.
- Stolov, Michael; and Stolov, Adi. Liquid crystal device for multicolor images comprising thin protective glass plate. 4,560,241, 12-24-85, Cl. 350-339.00R.
- Stolpen, Alan H.: *See—*
  - Kelly, Austin T.; Stolpen, Alan H.; and Emile, Philip, Jr., 4,520,310, Cl. 324-115.000.
- Stolpp, Siegfried, to ALB Klein GmbH & Co. KG. Load pressure feedback system having at least one control valve for controlling an apparatus. 4,516,894, 5-14-85, Cl. 414-5.000.
- Stolt, Lars: *See—*
  - Tove, Per-Arne; Bohlin, Kjell; Stolt, Lars; and Norde, Herman, 4,554,569, Cl. 357-15.000.
- Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, to Bayer Aktiengesellschaft. 3-nitro-5-amide-1,4-dihydropyridines with positive inotropic activity. 4,540,684, 9-10-85, Cl. 514-32.000.
- Stoltefuss, Jurgen: *See—*
  - Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.

  - Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, 4,492,703, Cl. 424-266.000.
  - Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,537,881, Cl. 514-25.000.
- Stoltenberg, Michael R.: *See—*
  - Allen, Charles S.; Berg, Arthur A.; Schmitt, Eugene W.; Stoltenberg, Michael R.; and Lissau, Frederic, 4,544,132, Cl. 251-318.000.
- Stoltman, Donald: *See—*
  - Kabasin, Daniel F.; and Stoltman, Donald, 4,502,453, Cl. 123-575.000.
- Stoltman, Donald D.; and Nichols, Gary A., to General Motors Corporation. Fuel supply system for an internal combustion engine. 4,499,879, 2-19-85, Cl. 123-480.000.
- Stoltman, Donald D., to General Motors Corporation. Pressure regulator. 4,513,775, 4-30-85, Cl. 137-491.000.
- Stoltz, John W.: *See—*
  - Davis, Albert P., Jr.; Knight, Orien M.; and Stoltz, John W., 4,506,729, Cl. 166-65.00M.
- Stoltzmann, David E., to United States of America, Army. Wide angle lens for the infrared dedicatory clause. 4,542,954, 9-24-85, Cl. 350-1.300.
- Stolyarenko, Georgy E.: *See—*
  - Kossovsky, Leopold V.; Kravchuk, Jury K.; Boiko, Alexandr V.; Slavinsky, Zinovy M.; Stolyarenko, Georgy E.; Kossovskaya, Irina L.; and Sorokin, Alexandr I., 4,531,934, Cl. 604-22.000.
- Stolz, Albert, to Daimler-Benz Aktiengesellschaft. Motor vehicle with an internal-combustion engine and with means for heating a payload space. 4,537,349, 8-27-85, Cl. 237-12.30C.
- Stolz, Albert; Volz, Wolfgang; and Sigmund, Gunther, to Daimler-Benz Aktiengesellschaft. Device for regulating heating capacity of a heat exchanger. 4,548,355, 10-22-85, Cl. 236-37.000.
- Stolz, Albert: *See—*
  - Waldmann, Heinrich; Halder, Prasanta; Volz, Wolfgang; and Stolz, Albert, 4,559,994, Cl. 165-41.000.
- Stolz, Hermann, to Mato Maschinen-und Metallwarenfabrik Curt Matthaei GmbH & Co KG. Apparatus for pressing-in belt connectors. 4,522,329, 6-11-85, Cl. 227-153.000.
- Stolz, Richard J.: *See—*
  - Muhle, Mike E.; Stolz, Richard J.; and Wright, Cecil W., 4,508,859, Cl. 523-346.000.
  - Muhle, Mike E.; Stolz, Richard J.; and Wright, Cecil W., 4,510,271, Cl. 523-346.000.
- Stolz, Robert: *See—*
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- Stolz, Ronald D.; Dillon, Benny N.; and Weihs, Frederick H., to Masstron Scale Inc. Scale assembly with improved platform. 4,529,051, 7-16-85, Cl. 177-134.000.
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- Stolzenberg, Konrad: *See—*
  - Glaser, Herbert; and Stolzenberg, Konrad, 4,534,949, Cl. 423-445.000.
- Stolzenburg, Rudolf; Bergthaller, Peter; Wolfrum, Gerhard; and Strauss, Jurgen, to AGFA-Gevaert, A.G. Monoazo pyridinol dyes chelated or capable of being chelated with metal ions and their use for image production. 4,521,506, 6-4-85, Cl. 430-241.000.
- Stolzenburg, Rudolf: *See—*
  - Bergthaller, Peter; Stolzenburg, Rudolf; Marx, Paul; and Hamprecht, Rainer, 4,524,124, Cl. 430-241.000.
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- Stolzer, Rainer: *See—*
  - Lotter, Manfred; and Stolzer, Rainer, 4,546,692, Cl. 92-12.200.
- Stomber, Richard J.: *See—*
  - Galuschak, George; and Stomber, Richard J., 4,512,086, Cl. 33-324.000.
- Stomp, Hubert. Safety device for the cover of a metallurgical vessel. 4,526,353, 7-2-85, Cl. 266-282.000.
- Stomp, Hubert: *See—*
  - Burton, Clement; Kremer, Andre; Stomp, Hubert; and Solvi, Marc, 4,492,342, Cl. 241-67.000.
  - Mailliet, Pierre; Andonov, Radomir; Stomp, Hubert; and Monai, Jean, 4,533,125, Cl. 266-226.000.
- Stone, Alan M., to Ok Tedi Mining Limited. Elution process and apparatus and extraction of particulate material from a vessel. 4,555,385, 11-26-85, Cl. 423-30.000.
- Stone, Alan M.: *See—*
  - Hawkins, Albert P.; Boyle, Alan; and Stone, Alan M., 4,549,659, Cl. 209-3.200.
- Stone, Albert; Pyde, Edwin; and Carveth, Peter, to Baxter Travenol Laboratories, Inc. Multiple chamber container with inner diaphragm and intermediate chamber. 4,496,046, 1-29-85, Cl. 206-219.000.
- Stone, Albert; Pyde, Edwin; and Carveth, Peter, to Baxter Travenol Laboratories, Inc. Container having a selectively openable seal line and peelable barrier means. 4,519,499, 5-28-85, Cl. 206-219.000.
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  - Rudzena, William L.; Frederick, Warren P.; and Stone, Albert, 4,504,265, Cl. 604-86.000.
- Stone, Anthony B.: *See—*
  - Turner, Robert C.; Stone, Anthony B.; and Holman, Rury R., 4,498,904, Cl. 604-211.000.
- Stone, Brian J.: *See—*
  - Sexton, John S.; Stone, Brian J.; Howes, Trevor D.; and Andrew, Colin, 4,549,372, Cl. 51-206.00R.
- Stone, Carroll E.; and Seifert, William F. C., to American Engineering Group International, Inc. Process for treating overspray gas from glass coating operation with metal recovery. 4,511,545, 4-16-85, Cl. 423-240.000.
- Stone Construction Equipment, Inc.: *See—*
  - DeNise, Richard A., 4,557,336, Cl. 173-90.000.
- Stone, David A., to Stone Fly Products. Applicator for fishing line dressing composition. 4,501,222, 2-26-85, Cl. 118-234.000.
- Stone, David R.: *See—*
  - Boehm, Russell W.; Rippstein, Robert P.; and Stone, David R., 4,515,544, Cl. 425-129.00R.
- Stone, Emory B. Nut harvester. 4,499,713, 2-19-85, Cl. 56-328.00R.
- Stone, Emory B. Climbing animal barrier. 4,555,866, 12-3-85, Cl. 47-23.000.
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  - Stone, David A., 4,501,222, Cl. 118-234.000.
- Stone, Gary H.: *See—*
  - Stone, Joel R.; and Stone, Gary H., 4,519,631, Cl. 283-70.000.
  - Stone, Joel R.; and Stone, Gary H., 4,549,750, Cl. 283-79.000.
- Stone, George C.; and Ross, Stuart E., to CBS Inc. Manual controller for video system. 4,501,424, 2-26-85, Cl. 273-148.00B.
- Stone, Gregory L.: *See—*
  - Eftefield, Larry G.; Simmons, Gerald P.; and Stone, Gregory L., 4,560,207, Cl. 299-10.000.
- Stone, Harvey: *See—*
  - Daly, Richard T.; Rhoades, Walter; Stone, Harvey; and Kaplan, Robert A., 4,507,789, Cl. 372-92.000.
- Stone International Limited: *See—*
  - Virr, Michael J.; and Burrows, Richard, 4,528,945, Cl. 122-4.00D.
- Stone, Joel R.; and Stone, Gary H. System for providing updated product and pricing information for retailer. 4,519,631, 5-28-85, Cl. 283-70.000.
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- Stone, Julian, to AT&T Bell Laboratories. Raman gain medium. 4,523,315, 6-11-85, Cl. 372-3.000.
- Stone, Julian, to AT&T Bell Laboratories. Dispersion determining method and apparatus. 4,556,314, 12-3-85, Cl. 356-73.100.
- Stone, Julian: *See—*
  - Burrus, Charles A., Jr.; and Stone, Julian, 4,515,612, Cl. 65-3.120.
- Stone, Kenneth. Diffusion device for flash gun. 4,539,624, 9-3-85, Cl. 362-16.000.
- Stone, Kenton A. Portable jack for small tractors and like vehicles. 4,549,721, 10-29-85, Cl. 254-126.000.
- Stone Manufacturing & Supply Co.: *See—*
  - Allen, Gary D., 4,532,707, Cl. 30-200.000.
- Stone, Mark L.: *See—*
  - Johnson, Timothy W.; and Stone, Mark L., 4,527,219, Cl. 361-323.000.
  - Johnson, Timothy W.; and Stone, Mark L., 4,540,620, Cl. 428-195.000.
- Stone, Milton. Sun sensing control device. 4,516,565, 5-14-85, Cl. 126-419.000.
- Stone, Orison W., to Pack Image, Inc. Apparatus for erecting a bottle carrier. 4,512,755, 4-23-85, Cl. 493-92.000.
- Stone, Philip J. Keyboards including color coding and one handed operation. 4,555,193, 11-26-85, Cl. 400-486.000.
- Stone, Richard A.: *See—*
  - Kelterborn, Jeffrey C.; and Stone, Richard A., 4,539,097, Cl. 208-11.0LE.
- Stone, Richard J.; Dunegan, Luther H.; and Smith, George E. Positive air gas detector. 4,546,640, 10-15-85, Cl. 73-19.000.
- Stone, Richard M.: *See—*
  - Walczak, Thomas J.; Stone, Richard M.; and Cristiano, Gary M., 4,523,155, Cl. 330-279.000.
- Stone, Robert A., to United Technologies Corporation. Freewheel ramp/roller clutch with positive lock-out. 4,531,620, 7-30-85, Cl. 192-45.000.
- Stone, Robert P., to RCA Corporation. Arc-suppression means for an electron gun having a split electrode. 4,514,661, 4-30-85, Cl. 315-3.000.
- Stone, Robert P., to RCA Corporation. Electron gun having arc suppression means. 4,531,075, 7-23-85, Cl. 315-3.000.
- Stone Safety Corporation: *See—*
  - Prete, Ralph, 4,500,949, Cl. 363-28.000.
- Stone, Selden A. Convertible boat and luggage carrier. 4,522,145, 6-11-85, Cl. 114-352.000.
- Stone, Spencer A. End elevation adjustment of material separating tables. 4,521,302, 6-4-85, Cl. 209-441.000.
- Stone, Theodore M. Multiposition level. 4,545,129, 10-8-85, Cl. 33-390.000.
- Stone, Thomas W., to Universal Electric Company. Electric motor. 4,504,754, 3-12-85, Cl. 310-90.000.

- Stone, Walter H.: *See—*
  - Wilson, Michael E.; Olson, David R.; Stone, Walter H.; and MacDonald, Robin B., 4,502,956, Cl. 210-248.000.
- Stone, Wayne B., Jr., to Wood Manufacturing Co., Inc. Decanter for reducing oxidation and evaporation of coffee. 4,526,797, 7-2-85, Cl. 426-520.000.
- Stone, Wayne B., Jr., to Wood Manufacturing Co., Inc. Coffee making. 4,550,027, 10-29-85, Cl. 426-433.000.
- Stone & Webster Engineering Corporation: *See—*
  - Bhojwani, Arju H.; and Woebcke, Herman N., 4,550,769, Cl. 165-1.000.
  - Gartside, Robert J.; and Woebcke, Herman N., 4,544,480, Cl. 208-127.000.
  - Gartside, Robert J.; Johnson, Axel R.; and Ross, Joseph L., 4,552,645, Cl. 208-80.000.
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  - Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., 4,492,624, Cl. 208-78.000.
  - Johnson, Axel R.; and Woebcke, Herman N., 4,497,638, Cl. 48-197.00R.
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  - Norenburg, Johannes, 4,496,381, Cl. 62-30.000.
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- Stone, William J., to United States of America, Energy. Front lighted optical tooling method and apparatus. 4,523,849, 6-18-85, Cl. 356-369.000.
- Stoneburner, James D.: *See—*
  - Barmatz, Martin B.; Stoneburner, James D.; Jacobi, Nathan; and Wang, Taylor G., 4,523,682, Cl. 209-638.000.
- Stoneham, Jeffrey R.: *See—*
  - Daniels, Steven D.; Stoneham, Jeffrey R.; and Erickson, John K., 4,507,254, Cl. 264-1.900.
- Stoner, David A.: *See—*
  - Lackey, Stanley A.; Meinerth, Kim A.; and Stoner, David A., 4,509,116, Cl. 364-200.000.
- Stoner, Donald L.: *See—*
  - Darland, Michael L.; Stoner, Donald L.; Baker, James W., Jr.; and Sponhnholtz, Michael A., 4,500,751, Cl. 179-2.0DP.
- Stoner, Graham A.: *See—*
  - Freedenthal, Carol B.; Meyers, Marion D.; and Stoner, Graham A., 4,505,734, Cl. 71-67.000.
- Stoner, Richard J., Jr.: *See—*
  - Schoer, Steven M.; and Stoner, Richard J., Jr., 4,514,930, Cl. 47-60.000.
- Stonestreet, Paul R.; Williams, David; Anderson, Kenneth; and Butcher, Peter J. L., to VG Instruments Group Limited. Sources used in molecular beam epitaxy. 4,550,411, 10-29-85, Cl. 373-134.000.
- Stong, Linda J.: *See—*
  - Nix, Paul T.; Goldfarb, Rebecca D.; Stong, Linda J.; Sulick, Lorraine E.; Trivedi, Ramesh C.; and Morgenstern, Stanley W., 4,505,756, Cl. 127-29.000.
- Stonkus, Donald J.: *See—*
  - Filter, Reinhard; and Stonkus, Donald J., 4,516,823, Cl. 339-111.000.
- Stonner, Hans-Martin; and Marschner, Friedemann, to Metallgesellschaft Aktiengesellschaft. Process for heating hydrogen. 4,491,573, 1-1-85, Cl. 423-652.000.
- Stonner, Hans-Martin: *See—*
  - Hochgesand, Gerhard; Kahles, Heinz; Wiesner, Paul; and Stonner, Hans-Martin, 4,522,730, Cl. 210-750.000.
- Stopansko Obedinenie "Quarz": *See—*
  - Lyutzkanov, Stoyan S.; and Bojkov, Dimiter K., 4,555,995, Cl. 110-335.000.
- Stopinc Aktiengesellschaft: *See—*
  - Bachmann, Herbert, 4,524,956, Cl. 266-236.000.
  - Bachmann, Herbert, 4,557,462, Cl. 251-184.000.
  - Zaugg, Robert; and Keller, Werner, 4,500,018, Cl. 222-598.000.
- Stopke, J. Lawrence: *See—*
  - Gruich, Peter; and Stopke, J. Lawrence, 4,554,989, Cl. 180-65.400.
- Stopp, Gerhard; Karkossa, Horst; and Trescher, Viktor, to Bayer Aktiengesellschaft. Process for the preparation of aromatic hydroxycarboxylic acids. 4,508,920, 4-2-85, Cl. 562-423.000.
- Stopp, Gerhard; Karkossa, Horst; and Trescher, Viktor, to Bayer Aktiengesellschaft. Process for preparing aromatic hydroxycarboxylic acids. 4,529,817, 7-16-85, Cl. 562-423.000.
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- Stopper, Howard R., to Drackett Company, The. Non-flammable aerosol propellant microemulsion system. 4,536,323, 8-20-85, Cl. 252-305.000.
- Stops, Peter: *See—*
  - Kummer, Rudolf; Richter, Wolfgang; Schwirten, Kurt; and Stops, Peter, 4,533,757, Cl. 568-454.000.
- Storace, Anthony; and Ketchman, Jeffery, to AMF Incorporated. Method and apparatus for the simulation of the build up of the tread on a tire carcass. 4,551,806, 11-5-85, Cl. 364-473.000.
- Storace, Louis: *See—*
  - Magee, Thomas A.; Battershell, Robert D.; Limpel, Lawrence E.; Ho, Andrew W.; Friedman, Arthur W.; Corkins, H. Glenn; Brand, William W.; Buchman, Russell; Storace, Louis; and Osgood, Edmond R., 4,548,929, Cl. 514-85.000.
- Storage Technology Corporation: *See—*
  - Anderson, Robert L., 4,507,592, Cl. 318-268.000.
  - Anderson, Robert L., 4,531,166, Cl. 360-73.000.
  - Billington, Robert L., 4,523,243, Cl. 360-113.000.
  - Bowers, Stephen G.; Trueblood, Tim B.; and Cabiedes, Anthony, 4,541,076, Cl. 365-190.000.
  - Coulson, Richard L.; Blickenstaff, Ronald L.; Dodd, P. David; Moreno, Robert J.; and Kinard, Dean P., 4,503,501, Cl. 364-300.000.
  - Dodd, P. David; Blickenstaff, Ronald L.; Coulson, Richard L.; Moreno, Robert J.; and Trede, Brian E., 4,536,836, Cl. 364-200.000.
  - Fitzpatrick, William B., 4,538,189, Cl. 360-40.000.
  - Georgis, Steven P., 4,533,991, Cl. 364-164.000.
  - Hill, John P.; and Touchton, James J., 4,502,021, Cl. 330-279.000.
  - Hill, John P.; and Touchton, James J., 4,539,608, Cl. 360-77.000.
  - Huffman, James; Brandt, Kim; and Doutre, Alton G., 4,553,892, Cl. 414-121.000.
  - Komonytsky, Donald, 4,519,078, Cl. 371-25.000.
  - Permut, Ronald; Cope, Robert; Apple, James; Epina, August P.; and Munro, Frederick G., 4,550,884, Cl. 242-189.000.
  - Reishus, Terry, 4,557,435, Cl. 242-190.000.
  - Sliger, David E., 4,551,772, Cl. 360-46.000.
  - Van Pelt, Richard, 4,494,711, Cl. 242-184.000.
  - Yeakley, Lester M., 4,535,372, Cl. 360-77.000.
  - Zweighaft, James; and Georgis, Steven P., 4,502,647, Cl. 242-191.000.
- Storage Technology Partners: *See—*
  - Chang, Jenq S.; and Chang, Tung S., 4,516,145, Cl. 357-42.000.
  - Cooke, Laurence H.; Feretich, Robert A.; and Boyle, Richard F., 4,540,903, Cl. 307-465.000.
  - Hug, Paul; and Tavares, Antonio, 4,526,313, Cl. 228-180.100.
  - Hug, Paul, 4,561,584, Cl. 228-19.000.
  - Zasio, John; Elvey, Dwight; and Tanizawa, Ronald, 4,504,783, Cl. 324-73.00R.
  - Zasio, John J., 4,495,628, Cl. 377-70.000.
  - Zasio, John J.; and Cooke, Larry, 4,495,629, Cl. 377-70.000.
  - Zasio, John J.; and Cooke, Larry, 4,553,236, Cl. 371-15.000.
- Storage Technology Partners II: *See—*
  - Baer, James R.; Manes, Kenneth; and Lunka, Harold, 4,545,045, Cl. 369-77.200.
  - Glover, Neal; O'Keeffe, Michael J.; and Perera, S. Robert, 4,562,577, Cl. 371-38.000.
  - Manes, Kenneth L.; and Hart, William D., 4,502,099, Cl. 361-383.000.
  - Pelkey, Kathleen; and Kalk, Franklin, 4,556,968, Cl. 369-287.000.
  - Rickert, David W.; Wilkinson, Richard A., Jr.; and Hunt, William C., 4,502,136, Cl. 369-271.000.
  - Rickert, David W., 4,545,047, Cl. 369-290.000.
  - Wilkinson, Richard A., Jr., 4,498,165, Cl. 369-270.000.
  - Wilkinson, Richard A., Jr.; Hunt, William C.; and Rickert, David W., 4,542,426, Cl. 360-97.000.
  - Yeakley, Lester M.; and Fitzgerald, Karen M., 4,497,465, Cl. 248-466.000.
  - Ziegler, William R. A.; and MacAnally, Richard B., 4,542,495, Cl. 369-273.000.
- Storandt, Ralf; and Mettenleiter, Karl, to Geze GmbH. Door holder-closer having a control signal operated hold-open function and a mechanical override facility. 4,536,916, 8-27-85, Cl. 16-48.500.
- Storch, Helmut: *See—*
  - Meiller, Hermann; and Storch, Helmut, 4,544,598, Cl. 428-246.000.
- Storck, Robert C.: *See—*
  - Foley, Robert W.; Storck, Robert C.; Mickus, Donald J., deceased; and Pastors, Debbie, executrix, 4,554,979, Cl. 172-813.000.
- Stordahl, Calmer M.: *See—*
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- Storebraten, Sverre: *See—*
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- Storen, Harald, to Norsk Hydro a.s. Method of cleaning dust-containing gas mixtures from a urea plant. 4,507,129, 3-26-85, Cl. 55-70.000.
- Storen, Harald, to Norsk Hydro a.s. Method of transport, cooling and compression of nitrogen oxide-containing gases. 4,518,438, 5-21-85, Cl. 134-22.100.
- Storey, Robert B., to BSP International Foundations Limited. Valve for a hydraulic ram. 4,559,863, 12-24-85, Cl. 91-165.000.
- Storimans, Franciscus J. A., to Frank Storimans Limited. Electronic component transporter wheel. 4,529,083, 7-16-85, Cl. 198-480.000.
- Stork Brabant B.V.: *See—*
  - Blaak, Cornelis; and van Mondfrans, Gerardus H., 4,510,863, Cl. 101-119.000.
  - Vertegaal, Jacobus G., 4,509,454, Cl. 118-681.000.
- Stork, Gilbert: *See—*
  - Evers, William J.; Stork, Gilbert; Mookherjee, Braja D.; and Heinsohn, Howard H., Jr., 4,504,398, Cl. 252-8.600.
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- Stork, Karl: *See—*
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- Stork PMT B.V.: *See—*
  - van Mil, Martinus P. G., 4,510,886, Cl. 119-82.000.
  - van Mil, Martinus P. G., 4,516,290, Cl. 17-11.000.
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- Stork, Willem H. J.: *See—*
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- Storm, Joe. Wind turbine apparatus. 4,545,729, 10-8-85, Cl. 416-132.00B.
- Storm, Linda W., to Babies by Storm, Inc. Sling-type infant carrier. 4,492,326, 1-8-85, Cl. 224-160.000.
- Stormberg, Hans P.: *See—*
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- Stormont, Richard W.; and Eriss, Lawrence, to Mobil Solar Energy Corporation. Apparatus for growing tubular crystalline bodies. 4,544,528, 10-1-85, Cl. 422-246.000.
- Storms, William J., to Du Pont Canada Inc. Pouches of ethylene/octene-1 copolymer film containing a flowable material. 4,521,437, 6-4-85, Cl. 426-130.000.
- Storni, Angelo, to Ciba-Geigy Corporation. Carboxamides. 4,559,349, 12-17-85, Cl. 514-318.000.
- Storni, Angelo: *See—*
  - Blattner, Hans; and Storni, Angelo, 4,492,691, Cl. 424-244.000.
- Storr, Harald: *See—*
  - Gehring, Fritz; Arndt, Stephan; and Storr, Harald, 4,558,722, Cl. 139-446.000.
- Story, Allan. Apparatus for facilitating visual meter readings. 4,515,437, 5-7-85, Cl. 350-114.000.
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  - Cooks, Graham; Story, Michael S.; Jung, Gerhard; and Dobberstein, Peter, 4,536,652, Cl. 250-281.000.
- Story, Robert J.: *See—*
  - Bullock, Kenneth W.; and Story, Robert J., 4,535,509, Cl. 17-58.000.
- Stoss, Peter; and Leitold, Matyas, to Heinrich Mack Nachf. Dihydropyridine derivatives of 1,4:3,6-dianhydrohexitols. 4,559,351, 12-17-85, Cl. 514-338.000.
- Stothers, William R. Extraction of elemental sulphur from sulphur compound gases. 4,504,459, 3-12-85, Cl. 423-573.00G.
- Stotler, David V.; and Coffey, Fred S., to Owens-Corning Fiberglas Corporation. Method and apparatus for producing a continuous glass filament mat. 4,515,613, 5-7-85, Cl. 65-4.400.
- Stott, Edward J.; Thomas, Lewis H.; and Jebbett, Norma J., to National Research Development Corporation. Production of viral antigens. 4,517,304, 5-14-85, Cl. 436-518.000.
- Stottlemyer, William O.: *See—*
  - Gorman, Patrick R.; and Stottlemyer, William O., 4,497,980, Cl. 179-81.00B.
- Stottmann, Richard L.; and Dietz, Timothy J., to Huffy Corporation. Bicycle chainguard. 4,507,105, 3-26-85, Cl. 474-144.000.
- Stotz, Manfred: *See—*
  - Scheurenbrand, Dieter; Stotz, Manfred; Distel, Manfred; and Kleinschmit, Einhard, 4,518,091, Cl. 220-5.00A.
- Stotz, Wolf-Gunter: *See—*
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  - Volz, Karl; Link, Christoph; Stotz, Wolf-Gunter; and Heitmann, Peter, 4,509,237, Cl. 29-116.0AD.
- Stoudt, George W.: *See—*
  - Boone, Jacob J.; and Stoudt, George W., 4,542,045, Cl. 427-236.000.
- Stoudt, Michael D., to Eastman Kodak Company. Apparatus and method for electrophotographically producing copy having continuous-tone and other content. 4,537,490, 8-27-85, Cl. 355-3.00R.
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- Stouffer Corporation, The: *See—*
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- Stouffer, Ronald D., to Bowles Fluidics Corporation. Liquid oscillator device. 4,508,267, 4-2-85, Cl. 239-11.000.
- Stouffer, Ronald D., to Bowles Fluidics Corporation. Sweeping air stream apparatus and method. 4,517,881, 5-21-85, Cl. 98-208.000.
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- Stough, Donald M.: *See—*
  - Nelson, Robert L.; and Stough, Donald M., 4,553,924, Cl. 431-12.000.
- Stoughton, Alan M.; Hansen, Charles C., Sr.; Leahy, John P.; and Millar, Robert F., to Danyl Corporation. Event counter and access controller. 4,531,826, 7-30-85, Cl. 355-14.0CU.
- Stoughton, John W.; and Willis, Donald H., to RCA Corporation. Beam current limiting arrangement for a digital television system. 4,521,811, 6-4-85, Cl. 358-243.000.
- Stout, Charles E., Jr.: *See—*
  - Cushman, Robert H.; and Stout, Charles E., Jr., 4,523,972, Cl. 156-617.0SP.
- Stout, Christopher B.: *See—*
  - Becker, Thomas P.; Stout, Christopher B.; and Hopp, Gene P., 4,503,509, Cl. 364-571.000.
  - Olson, Gene E.; Stout, Christopher B.; Grover, Donald D.; and Becker, Thomas P., 4,506,546, Cl. 73-119.00A.
- Stout, David M.; and Yamamoto, Diane M., to American Hospital Supply Corporation. 5-heteroarylimidazol-2-ones having cardiotonic activity. 4,532,250, 7-30-85, Cl. 514-341.000.
- Stout, David M.; Yamamoto, Diane M.; and Barcelon-Yang, Cynthia, to American Hospital Supply Corporation. Pyridone esters as inotropic agents. 4,555,517, 11-26-85, Cl. 514-336.000.
- Stout, David M.; and Matier, William L., to American Hospital Supply Corporation. Aminomethyl benzanilides. 4,562,201, 12-31-85, Cl. 514-422.000.
- Stout, Garry A.; and Ray, Donald L., to Emhart Industries, Inc. Timer with improved switch blade arrangement. 4,531,028, 7-23-85, Cl. 200-38.00R.
- Stout, Garry A.: *See—*
  - Zink, David E.; and Stout, Garry A., 4,497,986, Cl. 200-38.00R.
- Stout, Gregg W., to Baker Oil Tools, Inc. Perforating gun pressure activated sliding sleeve. 4,515,217, 5-7-85, Cl. 166-297.000.
- Stout, Gregg W., to Baker Oil Tools, Inc. Rotational alignment method and apparatus for tubing conveyed perforating guns. 4,523,649, 6-18-85, Cl. 175-4.510.
- Stout, Gregg W., to Baker Oil Tools, Inc. Releasable coupling for tubing conveyed subterranean well perforating gun. 4,526,233, 7-2-85, Cl. 166-377.000.
- Stout, Gregg W.; and Nelson, John A., to Baker Oil Tools, Inc. Method of detachably securing an explosive charge container in a hollow carrier for a perforating device. 4,543,700, 10-1-85, Cl. 29-426.400.
- Stout, Gregg W., to Baker Oil Tools, Inc. Well perforating method and apparatus. 4,557,331, 12-10-85, Cl. 166-297.000.
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  - Wetzel, Rodney J.; and Stout, Gregg W., 4,541,486, Cl. 166-297.000.
  - Wetzel, Rodney J.; and Stout, Gregg W., 4,543,703, Cl. 29-455.00R.
- Stout, Larry E. Method of construction of skirt for fishing lures. 4,536,986, 8-27-85, Cl. 43-42.270.
- Stout, Robert L., to Enzyme Technology Company. Catalyzed colorimetric and fluorometric substrates for peroxidase enzyme determinations. 4,521,511, 6-4-85, Cl. 435-28.000.
- Stout, Roger P., to Motorola, Inc. Voice coil linear motor with integral capacitor. 4,498,023, 2-5-85, Cl. 310-14.000.
- Stout, Ronald L.: *See—*
  - Fowler, Glenn D.; Shannon, Patrick A.; Stout, Ronald L.; and Yao, Jean, 4,502,116, Cl. 364-200.000.
- Stout, Thomas R., to Safety Cross Mirror Co., Inc. Mounting assembly for school bus mirror. 4,512,634, 4-23-85, Cl. 350-632.000.
- Stoutamire, Donald W., to Shell Oil Company. Preparation of optically-active alpha-substituted carboxylic esters and acids. 4,529,810, 7-16-85, Cl. 560-105.000.
- Stoutamire, Donald W., to Shell Oil Company. Asymmetric synthesis of esters and acids. 4,546,198, 10-8-85, Cl. 560-105.000.
- Stoutamire, Donald W.; and Tieman, Charles H., to Shell Oil Company. Preparation of optically-active cyanomethyl esters. 4,560,515, 12-24-85, Cl. 260-465.00D.
- Stoutamore, James F.: *See—*
  - Woodworth, Raymond D.; Stoutamore, James F.; and Vanderhoek, Philip S., 4,550,747, Cl. 137-487.500.
- Stoutjesdijk, Pieter G.: *See—*
  - Jansma, Wytze; Mars, Jan; Stoutjesdijk, Pieter G.; and Vegter, Herman J., 4,494,530, Cl. 127-69.000.
- Stover, Harris A., to United States of America, Army. Communications network status information system. 4,532,625, 7-30-85, Cl. 370-58.000.
- Stover, Johannes H.; and Van Leeuwen, Johannes A., to U.S. Philips Corporation. Method of manufacturing a display tube. 4,498,884, 2-12-85, Cl. 445-45.000.
- Stover, Kenneth W., to Bunn-O-Matic Corporation. Apparatus for dissolving soluble coffee. 4,493,249, 1-15-85, Cl. 99-275.000.
- Stover, Kenneth W., to Bunn-O-Matic Corporation. Beverage brewing apparatus with constant temperature water reservoir. 4,531,046, 7-23-85, Cl. 219-297.000.
- Stover, Lonnie R.: *See—*
  - Skjold, A. Christopher; Stover, Lonnie R.; and Trimmer, Robert W., 4,499,185, Cl. 435-19.000.
- Stover, William A.: *See—*
  - Cormier, William E., Jr.; Pasquale, Gary M.; and Stover, William A., 4,508,840, Cl. 502-70.000.
- Stoverock, Paul H., to Harris Corporation. Bushing for use between a control knob and a housing. 4,495,547, 1-22-85, Cl. 361-400.000.
- Stovin, Garfield W.: *See—*
  - Ayers, Ralph L.; Stovin, Garfield W.; and Szabo, Robert J., 4,549,378, Cl. 52-169.120.
- Stow & Davis Furniture Company: *See—*
  - Gzym, Larry P.; Ritzema, Lloyd G.; and Haadsma, David K., Jr., 4,555,880, Cl. 52-126.400.
- Stowe, David W., to Gould Inc. Quadrature fiber-optic interferometer matrix. 4,514,054, 4-30-85, Cl. 350-96.150.
- Stowe, David W., to Gould Inc. Evanescent-wave star coupler on a substrate. 4,533,208, 8-6-85, Cl. 350-96.160.
- Stowe, Lawrence R.; and Johnson, Warren F., to Mobil Oil Corporation. Controlled pulse fracturing. 4,548,252, 10-22-85, Cl. 166-299.000.
- Stowe, Lawrence R.; and Strubhar, Malcolm K., to Mobil Oil Corporation. Hydraulic fracturing method employing special sand control technique. 4,549,608, 10-29-85, Cl. 166-280.000.
- Stower, James F.: *See—*
  - Goldberger, Robert D.; and Stower, James F., 4,514,434, Cl. 426-646.000.
  - Goldberger, Robert D.; and Stower, James F., 4,516,291, Cl. 17-32.000.

- Stoy, Erich; and Rommen, Hans, to SMS Schloemann-Siemag Aktiengesellschaft. Six-high rolling stand. 4,543,810, 10-1-85, Cl. 72-245.000.
- Straalsund, Jerry L.: *See—*
  - Bauer, Roger E.; Straalsund, Jerry L.; and Chin, Bryan A., 4,507,227, Cl. 252-626.000.
- Straatmann, John A.: *See—*
  - Sponseller, David L.; and Straatmann, John A., 4,533,405, Cl. 148-36.000.
- Straayer, Robert O., to Evolution Enterprises, Inc. Hand carried portable weeder convertible to a cultivator apparatus. 4,501,332, 2-26-85, Cl. 172-41.000.
- Strachan, Bruce D.: *See—*
  - Holland, Scott B.; Greene, Edward S.; Kowalski, David A.; and Strachan, Bruce D., 4,517,832, Cl. 73-118.000.
  - Holland, Scott B.; and Strachan, Bruce D., 4,550,286, Cl. 324-51.000.
- Strachan, Dawne C., executrix: *See—*
  - Kawate, Keith W.; and Strachan, Richard W., deceased, 4,496,895, Cl. 318-781.000.
- Strachan, Donald C. Mattress carrying harness. 4,553,780, 11-19-85, Cl. 294-152.000.
- Strachan, Gray, to Stranco Products, Inc. Multiple unit tape dispenser. 4,527,722, 7-9-85, Cl. 225-106.000.
- Strachan, Richard W., deceased: *See—*
  - Kawate, Keith W.; and Strachan, Richard W., deceased, 4,496,895, Cl. 318-781.000.
- Strachan, William S.; and Brodie, Alastair C., to Glaxo Group Limited. Manufacture of antibiotics. 4,510,312, 4-9-85, Cl. 548-194.000.
- Stracher, Alfred: *See—*
  - Platt, Herbert; and Stracher, Alfred, 4,510,130, Cl. 514-2.000.
- Strack, Hans; Kleinschmit, Peter; and Parr, Ehrfried, to Degussa Aktiengesellschaft. Zeolite granulate, process for its production. 4,542,115, 9-17-85, Cl. 502-64.000.
- Strack, Hans; Roebke, Wolfgang; Kneitel, Dieter; and Parr, Ehrfried, to Degussa Aktiengesellschaft; and Henkel Kommanditgesellschaft auf Aktien. Process for preparing zeolite powder of type A (IV). 4,551,322, 11-5-85, Cl. 423-329.000.
- Strack, Helmut; and Tihanyi, Jeno, to Siemens Aktiengesellschaft. Insulated-gate field-effect transistor (IGFET) with injector zone. 4,543,596, 9-24-85, Cl. 357-23.400.
- Stracke, Wilfried: *See—*
  - Elter, Claus; Schneider, Karl U.; Schoning, Josef; Stach, Heinrich; and Stracke, Wilfried, 4,504,439, Cl. 376-391.000.
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- Strada, Francesco; and Bazzi, Giuseppe, to Societa Cavi Pirelli S.p.A. Sheathed, multi-core, oil filled, electric cable with oil duct exterior to the cores. 4,523,648, 6-18-85, Cl. 174-26.00R.
- Stradella, Fabio. Level gauge for liquefied gas tanks, with dial-and-hand indicator actuated by an axially movable drive coupled with a single internal magnet. 4,507,961, 4-2-85, Cl. 73-317.000.
- Straehle, Wolfgang; Denni, Raymond; and Marx, Matthias, to BASF Aktiengesellschaft. Process for purification of crude polyether polyols. 4,507,475, 3-26-85, Cl. 536-120.000.
- Strafner, Michael: *See—*
  - Geiger, Gerhard; and Strafner, Michael, 4,493,052, Cl. 364-900.000.
- Strage, Jan W.: *See—*
  - Edlund, Olof A.; Enser, Mats A.; Strage, Jan W.; Thunberg, Svante B.; and Wallmark, Erik I., 4,513,393, Cl. 364-900.000.
- Strahle, Fritz: *See—*
  - Muchel, Franz; and Strahle, Fritz, 4,518,231, Cl. 350-516.000.
- Strahorn, Francis W.: *See—*
  - Cochran, Stanley R.; and Strahorn, Francis W., 4,500,278, Cl. 425-445.000.
- Strahs, Martin P.; and Vosbikian, John, to Quickie Manufacturing Corporation. Self contained broom hanging system. 4,524,938, 6-25-85, Cl. 248-110.000.
- Strahs, Martin P., to Quickie Manufacturing Corporation. Spring clip for push broom. 4,550,829, 11-5-85, Cl. 206-361.000.
- Strain, Don R., to Hydro-Dri Systems, Inc. Moisture control device. 4,536,198, 8-20-85, Cl. 55-33.000.
- Strain, Robert J.: *See—*
  - Anand, Kranti; and Strain, Robert J., 4,559,696, Cl. 29-576.00B.
- Strait, Richard T.: *See—*
  - Sabatino, Anthony; Schaumburg, Edward G.; Recht, Peter A.; Olszewski, Douglas J.; and Strait, Richard T., 4,510,682, Cl. 29-623.100.
- Straith, Richard E. Airway. 4,553,540, 11-19-85, Cl. 128-200.260.
- Straits Steel & Wire Co.: *See—*
  - King, Clarence J., 4,560,073, Cl. 211-184.000.
- Strametz, Helmut: *See—*
  - Mayer, Gunter; Fischer, Eberhard; and Strametz, Helmut, 4,529,795, Cl. 528-501.000.
- Strammello, Peter, to Zenith Electronics Corporation. Switching diplexer for single antenna input television receivers. 4,499,495, 2-12-85, Cl. 358-188.000.
- Stran Corporation: *See—*
  - Brazelton, Carl L., 4,522,502, Cl. 366-160.000.
- Stranahan, Michael: *See—*
  - Lew, Hyok S.; and Stranahan, Michael, 4,546,792, Cl. 137-527.000.
  - Lew, Hyok S.; and Stranahan, Michael, 4,547,929, Cl. 16-286.000.
  - Lew, Hyok S.; and Stranahan, Michael, 4,560,986, Cl. 340-870.380.
  - Lew, Hyok S.; and Stranahan, Michael, 4,561,132, Cl. 4-420.000.
- Stranco Products, Inc.: *See—*
  - Strachan, Gray, 4,527,722, Cl. 225-106.000.
- Strand, David A., to Energy Conversion Devices, Inc. Apparatus for making a stamping master for video disk replication. 4,537,670, 8-27-85, Cl. 204-224.00R.
- Strand, Glen L., to TCI, Inc. Hydraulic cylinder safety lock. 4,529,215, 7-16-85, Cl. 280-43.230.
- Strand, Mette, to Johns Hopkins University, The. Diagnosis and treatment of fluke infections with monoclonal antibodies. 4,530,908, 7-23-85, Cl. 436-536.000.
- Strand, Sten T.: *See—*
  - Francke, Kurt O.; and Strand, Sten T., 4,506,559, Cl. 74-439.000.
- Strandberg, Charles F., Jr.; and Strandberg, Robert C., to Strandberg Engineering Laboratories, Inc. Moisture monitoring dryer control apparatus. 4,525,937, 7-2-85, Cl. 34-48.000.
- Strandberg Engineering Laboratories, Inc.: *See—*
  - Strandberg, Charles F., Jr.; and Strandberg, Robert C., 4,525,937, Cl. 34-48.000.
- Strandberg, Gustaf S.: *See—*
  - Dyren, Karl E. A.; and Strandberg, Gustaf S., 4,504,386, Cl. 209-254.000.
- Strandberg, Hans: *See—*
  - Elmqvist, Hakan; and Strandberg, Hans, 4,541,430, Cl. 128-419.0PG.
- Strandberg, Hans G.; and Andersen, Hans, to Siemens Aktiengesellschaft. Cardiac pacemaker with two unipolar electrodes. 4,535,776, 8-20-85, Cl. 128-419.0PG.
- Strandberg, Robert C.: *See—*
  - Strandberg, Charles F., Jr.; and Strandberg, Robert C., 4,525,937, Cl. 34-48.000.
- Strande, Per: *See—*
  - Benneche, Tore; Strande, Per; and Undheim, Kjell, 4,539,324, Cl. 514-274.000.
- Strandgren, Carl B. Wheel intended to work with a fluid. 4,507,049, 3-26-85, Cl. 416-51.000.
- Strandwitz, Peter: *See—*
  - McMillin, John R.; and Strandwitz, Peter, 4,560,089, Cl. 222-14.000.
- Strang, Donald P., to McGraw-Edison Company. Energy saving wound core transformer. 4,504,813, 3-12-85, Cl. 336-216.000.
- Strang, Hans-Erik: *See—*
  - Gustafsson, Bert; and Strang, Hans-Erik, 4,534,144, Cl. 52-169.600.
- Strange, Anthony E. J.: *See—*
  - Benedini, Giorgio; and Strange, Anthony E. J., 4,529,568, Cl. 264-262.000.
- Strange, Carl P.; Martin, Harold B., Jr.; and Tsang, Albert C., to Dow Chemical Company, The. Process for preparing cellulose ethers. 4,537,958, 8-27-85, Cl. 536-85.000.
- Strange, Patrick E.: *See—*
  - Trinkel, Steven F.; Strange, Patrick E.; and Slaats, Mathew A., 4,494,721, Cl. 248-406.200.
- Strange, Victor E., to BL Technology Limited. Fluid flow control valve. 4,505,293, 3-19-85, Cl. 137-117.000.
- Strangfeld, Reiner, to Rost, Georg; and Sohne Armaturenfabrik GmbH & Co. KG. Toilet-tank discharge valve. 4,557,000, 12-10-85, Cl. 4-324.000.
- Strangio, Vincent A.: *See—*
  - Riegel, Herbert; Huang, Chiung-Yuan; and Strangio, Vincent A., 4,558,167, Cl. 570-238.000.
- Strangward, William J., to Langenau Manufacturing Company, The. Method and apparatus of making double reverse corrugated material. 4,510,786, 4-16-85, Cl. 72-326.000.
- Stransky, Werner: *See—*
  - Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,509,972, Cl. 71-92.000.
  - Mengel, Rudolf; Schroder, Ludwig; Stransky, Werner; Linden, Gerbert; Schneider, Gerhart; and Lust, Sigmund, 4,523,945, Cl. 71-92.000.
- Strapex AG: *See—*
  - Fischer, Charles, 4,554,779, Cl. 53-589.000.
  - Kuhnert, Volker; and Niedrig, Franklin, 4,533,046, Cl. 206-389.000.
- Strasek, Frank M.: *See—*
  - Fredrickson, James C.; Noga, Patricia J.; and Strasek, Frank M., 4,495,715, Cl. 36-113.000.
- Strasser, Rudolf: *See—*
  - Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, 4,528,174, Cl. 423-488.000.
  - Schmidhammer, Ludwig; Dummer, Gerhard; Haselwarter, Klaus; and Strasser, Rudolf, 4,540,837, Cl. 570-211.000.
- Strasser, Thomas. Desk lock system. 4,514,020, 4-30-85, Cl. 312-220.000.
- Strassle, Warren F.: *See—*
  - Iadarola, Ralph E.; Strassle, Warren F.; and Russo, Gene W., 4,543,715, Cl. 29-852.000.
- Strassler, Sigfrid: *See—*
  - Troup, Alan; Strassler, Sigfrid; Guttinger, Hannes; and Pfister, Gustav, 4,543,815, Cl. 73-28.000.
- Straszewski, Klaus; Ender, Erhard; and Krutzfeldt, Herbert, to Autoflug-Stakupress GmbH & Co. Buckle for a safety belt. 4,527,317, 7-9-85, Cl. 24-641.000.
- Straszewski, Klaus: *See—*
  - Zeumer, Monika; and Straszewski, Klaus, 4,560,204, Cl. 297-483.000.
- Strata Bit Corporation: *See—*
  - Dennis, Mahlon D., 4,538,691, Cl. 175-393.000.
  - Morris, Wilford V., 4,533,005, Cl. 175-393.000.
  - Radtke, Robert P., 4,494,618, Cl. 175-393.000.

- Radtke, Robert P., 4,499,795, Cl. 76-108.00A.
- Radtke, Robert P.; and Morris, Wilford V., 4,499,958, Cl. 175-329.000.
- Stratford, Graham: *See—*
  - Gesing, Adam J.; and Stratford, Graham, 4,500,643, Cl. 501-96.000.
- Stratford, Michael G.; and Spencer-Watkins, Harry C., to Burroughs Wellcome Co. Device for discharging a mixture of two liquids. 4,550,745, 11-5-85, Cl. 137-99.500.
- Strathman, Lyle R.: *See—*
  - Swanson, Ronald L.; and Strathman, Lyle R., 4,496,976, Cl. 358-147.000.
- Stratman, Bill D.: *See—*
  - Utton, Charles G.; and Stratman, Bill D., 4,509,709, Cl. 244-118.100.
- Stratmann, Wilhelm: *See—*
  - Schmidt, Werner J.; Dijkshoorn, Willem; Stratmann, Wilhelm; and Vermaas, Leo F., 4,510,167, Cl. 426-607.000.
- Stratoflex, Inc.: *See—*
  - Cooke, Horise M., 4,498,691, Cl. 285-12.000.
  - Cooke, Horise M., 4,537,427, Cl. 285-305.000.
- Stratton, Harry M. Floating-brush assembly for use with floor-scrubbing and polishing machines. 4,490,873, 1-1-85, Cl. 15-49.00R.
- Stratton, Joseph F.: *See—*
  - Murphy, Arthur J.; and Stratton, Joseph F., 4,554,446, Cl. 235-487.000.
- Stratton, Leo M.; Sipple, Kenneth J.; and Tatonetti, Mario B., to Columbia Research Laboratories, Inc. Mass and coil arrangement for use in an accelerometer. 4,495,815, 1-29-85, Cl. 73-517.00B.
- Stratton, Leo M.; Sipple, Kenneth J.; and Tatonetti, Mario B., to Columbia Research Laboratories, Inc. Detector for determining both forces on and positions of a host device. 4,507,965, 4-2-85, Cl. 73-517.00B.
- Stratton, William P. Baseball batting trainer. 4,516,772, 5-14-85, Cl. 273-26.00R.
- Stratz, Willard W.: *See—*
  - Wauhop, Billy J., Jr.; and Stratz, Willard W., 4,531,304, Cl. 34-30.000.
- Straub, Albert M.; Mabrey, Theodore R.; and Vokovich, Daniel L., to Northern Telecom Limited. Mechanism for extracting tape from a tape carrier. 4,517,614, 5-14-85, Cl. 360-85.000.
- Straub, Ferdinand; Sanner, Axel; Seib, Karl; and Lang, Siegfried, to BASF Aktiengesellschaft. Water-soluble polymers having a low hygroscopicity. 4,551,512, 11-5-85, Cl. 526-264.000.
- Straub, Gerald J. Fluid circuit means for elevating the rear end of an air ride truck trailer. 4,558,886, 12-17-85, Cl. 280-711.000.
- Straub, Harry: *See—*
  - Brady, Joseph H.; Koenig, Albert A.; and Straub, Harry, 4,538,834, Cl. 285-10.000.
  - Richards, William D. C.; and Straub, Harry, 4,518,175, Cl. 285-47.000.
- Straub, Richard L.: *See—*
  - Pou, Frederick M.; and Straub, Richard L., 4,516,497, Cl. 101-240.000.
  - Pou, Frederick M.; and Straub, Richard L., 4,533,269, Cl. 400-582.000.
- Straub, Robert P. Motor vehicle camping device. 4,504,049, 3-12-85, Cl. 296-165.000.
- Straube, Peter: *See—*
  - Hahn, Ulrich; Straube, Peter; and Koch, Michael, 4,509,425, Cl. 101-216.000.
- Straubel, Max, to Robert Bosch GmbH. Control apparatus for internal combustion engines. 4,505,242, 3-19-85, Cl. 123-383.000.
- Straubel, Max; Eisele, Hermann; Leblanc, Jean; and Pigeroulet, Jean, to Robert Bosch GmbH. Fuel injection pump. 4,538,580, 9-3-85, Cl. 123-494.000.
- Straubel, Max; and Zimmermann, Klaus-Dieter, to Robert Bosch GmbH. Fuel injection apparatus for injecting a fuel mixture comprising at least two components. 4,554,903, 11-26-85, Cl. 123-575.000.
- Straubel, Max: *See—*
  - Eheim, Franz; Hofer, Gerald; Konrath, Karl; and Straubel, Max, 4,519,352, Cl. 123-373.000.
  - Guntert, Josef; Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,150, Cl. 123-447.000.
  - Hafele, Walter; Pfeifle, Helmut; Schwartz, Reinhard; and Straubel, Max, 4,526,149, Cl. 123-447.000.
  - Hofer, Gerald; Straubel, Max; and Eheim, Franz, 4,512,308, Cl. 123-383.000.
  - Laufer, Helmut; Pfeifle, Helmut; and Straubel, Max, 4,535,742, Cl. 123-447.000.
  - Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, 4,501,252, Cl. 123-502.000.
- Strauch, Heinz, deceased: *See—*
  - Kliesch, Wilfried; Koch, Friedrich-Otto; Wahl, Hans-Jurgen; Krebs, Rolf; Schorr, Peter; and Strauch, Heinz, deceased, 4,535,215, Cl. 219-61.500.
- Strauch, Ruth, Christel Strauch, legal representatives: *See—*
  - Kliesch, Wilfried; Koch, Friedrich-Otto; Wahl, Hans-Jurgen; Krebs, Rolf; Schorr, Peter; and Strauch, Heinz, deceased, 4,535,215, Cl. 219-61.500.
- Strauchler, Irving D.: *See—*
  - Alexander, Harold; Parsons, John R.; Strauchler, Irving D.; and Weiss, Andrew B., 4,512,038, Cl. 3-1.900.
- Straughn, Roy D. Speaker enclosure. 4,509,192, 4-2-85, Cl. 381-90.000.
- Straus, Albert E. Swing control hinge. 4,494,273, 1-22-85, Cl. 16-50.000.
- Straus, Stephen H. Battery carrier. 4,527,823, 7-9-85, Cl. 294-16.000.
- Strausfeld, Hermann, to Emi Electrola Gesellschaft mit beschrankter Haftung. Disc record press forming. 4,496,300, 1-29-85, Cl. 425-408.000.
- Strausfeld, Hermann; and Kroenchen, Theo, to Emi Electrola Gesellschaft mit beschrankter Haftung. Disc record stamper alignment. 4,527,971, 7-9-85, Cl. 425-409.000.
- Strausheim, Myron A., to American Desk Mfg. Co. Adjustable divider strip mounting for plastic trays. 4,499,128, 2-12-85, Cl. 428-35.000.
- Strauss, Edgars H., deceased: *See—*
  - Langen, Marinus J. M.; Strauss, Edgars H., deceased; and Strauss, Leida, administrator, 4,510,620, Cl. 383-14.000.
- Strauss, Ernest: *See—*
  - Kramer, Fritz; Skornscheck, Thomas E.; and Strauss, Ernest, 4,519,338, Cl. 118-305.000.
- Strauss, Franz: *See—*
  - Baum, Helmut; Pfizenmaier, Heinz; Schmidt, Ewald; and Strauss, Franz, 4,536,719, Cl. 331-37.000.
- Strauss, Georg: *See—*
  - Pietzarka, Wilhelm F.; Malten, Albrecht; and Strauss, Georg, 4,508,666, Cl. 264-12.000.
- Strauss, Hans: *See—*
  - Weber, Adolf; Strauss, Hans; and Pauly, Hans, 4,534,292, Cl. 102-241.000.
- Strauss, Harry W.: *See—*
  - Castronovo, Frank P.; Strauss, Harry W.; and Potsaid, Majic S., 4,515,766, Cl. 424-1.100.
- Strauss, Helmut, to Hudson Universal Ltd. Display rack for sunglasses or similar articles. 4,541,534, 9-17-85, Cl. 211-13.000.
- Strauss, Jurgen: *See—*
  - Stolzenburg, Rudolf; Bergthaller, Peter; Wolfrum, Gerhard; and Strauss, Jurgen, 4,521,506, Cl. 430-241.000.
- Strauss, Leida, administrator: *See—*
  - Langen, Marinus J. M.; Strauss, Edgars H., deceased; and Strauss, Leida, administrator, 4,510,620, Cl. 383-14.000.
- Strauss, Paul, to Zenith Electronics Corporation. Tension mask registration and supporting system. 4,547,696, 10-15-85, Cl. 313-407.000.
- Strauss, Paul, to Zenith Electronics Corporation. Apparatus for mounting a touch control panel assembly to a CRT. 4,553,142, 11-12-85, Cl. 340-712.000.
- Strauss, Peter: *See—*
  - Horbelt, Michael; Schnurle, Hans; Strauss, Peter; and Werner, Peter, 4,549,519, Cl. 123-493.000.
- Strauss, Richard H. Earplugs. 4,552,137, 11-12-85, Cl. 128-152.000.
- Strauss, Theodore R., to Pennwalt Corporation. Check valve for ammonia injector apparatus. 4,497,749, 2-5-85, Cl. 261-64.00B.
- Strauss, Udo: *See—*
  - Breidenbach, Heribert; and Strauss, Udo, 4,509,437, Cl. 110-345.000.
- Strauss, Walter C. Leaf spring diffuser with amplitude limit. 4,495,114, 1-22-85, Cl. 261-81.000.
- Strauss, Werner, to Klockner-Humboldt-Deutz AG. Short, broad jigging machine, particularly for finest grain sizing of minerals. 4,559,135, 12-17-85, Cl. 209-455.000.
- Straussberger, Herbert: *See—*
  - More, Anton; Lang, Winfried; Riedle, Rudolf; Straussberger, Herbert; and Streckel, Willi, 4,534,791, Cl. 75-10.00R.
- Strautins, Vilnis: *See—*
  - Bauer, James J.; and Strautins, Vilnis, 4,495,834, Cl. 74-493.000.
- Strautz, Michael G.: *See—*
  - Baker, Paul A.; and Strautz, Michael G., 4,511,201, Cl. 339-75.0MP.
- Stravitz, David M., to Lebo/Peerless Corp. Cassette storage device. 4,512,468, 4-23-85, Cl. 206-387.000.
- Stravitz, David M.; and Johnson, Gary D., to Johnson, Gary D. Blow dart game including hollow tube and dart with target impacting member and shock-absorbing portion. 4,537,176, 8-27-85, Cl. 124-62.000.
- Straw, Robert D.: *See—*
  - Yannopoulos, Lymperios N.; Straw, Robert D.; and Philips, D. Colin, 4,520,157, Cl. 524-462.000.
- Straw, Robert L.: *See—*
  - Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.
- Straw, Timothy B.: *See—*
  - Danforth, Philip G.; Bucko, Thomas G.; Galliher, Kenneth R.; Lucia, Joseph T.; Miller, Richard L.; and Straw, Timothy B., 4,518,915, Cl. 324-158.00R.
- Strawczynski, Leo: *See—*
  - Weirich, Andreas H.; and Strawczynski, Leo, 4,542,516, Cl. 375-30.000.
  - Weirich, Andreas H.; Strawczynski, Leo; and Munter, Ernst A., 4,549,304, Cl. 375-27.000.
- Strayer Coin Bag Co. Inc.: *See—*
  - Bonner, Cletus D., 4,494,592, Cl. 383-5.000.
- Strayer, James G., to Schering Corporation. Gentamicin-gleptoferron compositions. 4,493,826, 1-15-85, Cl. 424-118.000.
- Straznickas, Donald A.: *See—*
  - Hucker, David J.; and Straznickas, Donald A., 4,517,483, Cl. 310-156.000.
- Streater, August L.; and Dwyer, Daniel T., to Franklin Electric Co., Inc. Electrical power matching system. 4,494,180, 1-15-85, Cl. 363-37.000.

Streater, Richard W.: *See—*
Este, Grantley O.; Suthers, Mark S.; and Streater, Richard W., 4,539,502, Cl. 310-313.00B.

Streatfield, Roy; and Wilson, Francis D., to British Gas Corporation. Replacement of mains. 4,505,302, 3-19-85, Cl. 138-97.000.

Strebel, Bernhard; and Bachus, Ernst-Jurgen, to Heinrich Hertz Institut fuer Nachrichten technik. Communications network with optical channels. 4,530,084, 7-16-85, Cl. 370-3.000.

Strebkov, Dmitry S.: *See—*
Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V., 4,491,683, Cl. 136-259.000.

Streck, Roland: *See—*
Kampf, Wolfgang; Streck, Roland; and Haag, Horst G., 4,512,926, Cl. 260-398.000.

Streckel, Willi: *See—*
More, Anton; Lang, Winfried; Riedle, Rudolf; Straussberger, Herbert; and Streckel, Willi, 4,534,791, Cl. 75-10.00R.

Strecker, Helmut: *See—*
Timpl, Rupert; Brocks, Dietrich; Neubauer, Horst; and Strecker, Helmut, 4,504,587, Cl. 436-538.000.

Strecker, William D.; Buzynski, John E.; and Thompson, David, to Digital Equipment Corporation. Dual-count, round-robin distributed arbitration technique for serial buses. 4,560,985, 12-24-85, Cl. 340-825.500.

Strecker, William D.: *See—*
Dickman, Lloyd I.; and Strecker, William D., 4,556,951, Cl. 364-900.000.

Streckert, Holger H.: *See—*
Ellis, Arthur B.; and Streckert, Holger H., 4,543,511, Cl. 315-169.300.

Streckmann, George L.; and Harris, Ralph A., to Texas Instruments Incorporated. Compound floating point amplifier. 4,535,299, 8-13-85, Cl. 330-279.000.

Streckmann, George L., to Texas Instruments Incorporated. Extended range sample and hold circuit. 4,535,300, 8-13-85, Cl. 330-279.000.

Streefkerk, Willem L.: *See—*
Koudstaal, Willem; and Streefkerk, Willem L., 4,556,349, Cl. 410-140.000.

Street, David G.: *See—*
Dones, Roberto; and Street, David G., 4,504,699, Cl. 174-84.00R.

Street, Graham S. B. Method and apparatus for use in producing autostereoscopic images. 4,552,442, 11-12-85, Cl. 354-112.000.

Street, Jeffrey B., to Verbatim Corporation. Magnetic head cleaning diskette. 4,516,176, 5-7-85, Cl. 360-75.000.

Street, Kenneth: *See—*
Brotherton, William A.; and Street, Kenneth, 4,520,427, Cl. 361-389.000.

Street, Norman: *See—*
Henderson, Deborah; and Street, Norman, 4,510,931, Cl. 128-202.280.

Street, Ramon L.: *See—*
Dove, Derek B.; Makowka, Claus D.; and Street, Ramon L., 4,557,616, Cl. 400-120.000.

Street, William D., to SFE Technologies. Method for manufacture of selectively coated carrier plate. 4,538,346, 9-3-85, Cl. 29-602.00R.

Streeter, Bert E.; Streeter, Mary M.; and Robinson, Larry G. Display sign. 4,507,886, 4-2-85, Cl. 40-447.000.

Streeter, Bert E.; and Robinson, Larry G. Display sign including changeable numeral characters. 4,542,603, 9-24-85, Cl. 40-447.000.

Streeter, Mary M.: *See—*
Streeter, Bert E.; Streeter, Mary M.; and Robinson, Larry G., 4,507,886, Cl. 40-447.000.

Streeter, Terry L.: *See—*
Samuels, George J.; Schmitkons, Thomas A.; Streeter, Terry L.; and Murray, Royce W., 4,524,114, Cl. 429-42.000.

Streetman, William E., to American Cyanamid Company. Method for the production of melamine/aldehyde filaments. 4,497,934, 2-5-85, Cl. 525-58.000.

Streetman, William E.; and Daftary, Shashikumar H., to American Cyanamid Company. Melt-spun acrylonitrile polymer fiber of improved properties. 4,524,105, 6-18-85, Cl. 428-364.000.

Streetman, William E.: *See—*
De Maria, Francesco; and Streetman, William E., 4,515,859, Cl. 428-398.000.

Strege, Gary: *See—*
Karst, Daniel; Strege, Gary; and Larsen, E. Richard, 4,541,409, Cl. 126-299.00D.

Strehlow, Robert J.: *See—*
Tamura, Paul S.; and Strehlow, Robert J., 4,523,084, Cl. 219-497.000.
Tamura, Paul S.; and Strehlow, Robert J., 4,549,073, Cl. 219-497.000.

Strehlow, Robert W., to Mixer Systems, Inc. Pan type mixing machine. 4,506,984, 3-26-85, Cl. 366-65.000.

Streib, Stephen F., to Chevron Research Company. Ultrasensitive apparatus and monitoring method for detecting change in fluid flow. 4,494,112, 1-15-85, Cl. 340-606.000.

Streib, Stephen F., to Chevron Research Company. Ultrasensitive apparatus and positioning method for detecting change in fluid flow conditions in relief flowlines associated with a chemical or refinery complex. 4,495,488, 1-22-85, Cl. 340-606.000.

Streiber, Ronald W., to General Instrument Corporation. Static load for high voltage driver. 4,496,853, 1-29-85, Cl. 307-270.000.

Streicher, Manfred. Stricture pump. 4,540,350, 9-10-85, Cl. 417-475.000.

Streicher, William L.; and Propster, Mark A., to Owens-Corning Fiberglas Corporation. Apparatus and method for removing gaseous inclusions from molten material. 4,549,896, 10-29-85, Cl. 65-135.000.

Streicher, Wolfgang: *See—*
Loibner, Hans; Streicher, Wolfgang; and Stutz, Peter, 4,503,046, Cl. 514-40.000.

Streif AG: *See—*
Meickl, Gerhard, 4,558,968, Cl. 403-174.000.

Streifer, William: *See—*
Burnham, Robert D.; Scifres, Donald R.; and Streifer, William, 4,546,480, Cl. 372-45.000.
Scifres, Donald R.; Streifer, William; and Burnham, Robert D., 4,555,785, Cl. 372-8.000.

Streiff, Felix, to Sulzer Brothers Limited. Corrugated sheet packing and method of making. 4,497,753, 2-5-85, Cl. 261-95.000.

Streiff, Werner: *See—*
Zihlmann, Siegfried; and Streiff, Werner, 4,553,321, Cl. 29-598.000.

Streit, Dwight C.: *See—*
Allen, Frederick G.; Streit, Dwight C.; and Metzger, Robert A., 4,559,091, Cl. 148-174.000.

Streit, Werner; Witt, Linda; and Angstmann, Heinz-Dieter, to BASF Aktiengesellschaft. Aqueous suspensions of peroxydisulfates and their use as oxidative desizing agents for textile goods sized with starch. 4,507,220, 3-26-85, Cl. 252-186.100.

Streitenberger, Walter: *See—*
Achinger, Michael; Jaeger, Erhard; Lipp, Reinhold; and Streitenberger, Walter, 4,537,238, Cl. 164-169.000.

Strekalou, Genrikhn; Shtyrin, Anatoly S.; Matveen, Viktor I.; Maryanchik, Mikhail A.; and Garibov, Genrikh S., to Spetsialnoe Konstruktorsko-Tekhnologicheskoe Bjuro "Energostalproekt". Spot arc welding apparatus. 4,492,848, 1-8-85, Cl. 219-127.000.

Streller, Jorg: *See—*
Hagenlocher, Walter; Rapp, Lutz; Eschen, Werner; Ragaly, Istvan; Scharpf, Heinz; Streller, Jorg; Weigand, Johann; and Winkler, Klaus, 4,540,907, Cl. 310-68.00D.

Strelnikov, Alexandr A.: *See—*
Uretsky, Yan S.; Kajumov, Rashid R.; Bashirov, Zaur A.; Bashirova, Alfia G.; and Strelnikov, Alexandr A., 4,513,620, Cl. 73-664.000.

Stremmel, Gerd: *See—*
Evans, Elfed H.; Hirte, Klaus; and Stremmel, Gerd, 4,549,978, Cl. 252-109.000.

Strempel, Hans-Jurgen; Diehl, Manfred; and Bergmann, Roland, to Degussa Aktiengesellschaft. Scouring powder. 4,506,633, 4-2-85, Cl. 252-135.000.

Strenge, Marvin L.: *See—*
Nelson, Craig E.; and Strenge, Marvin L., 4,561,285, Cl. 73-1.00B.

Strepelis, John J.: *See—*
Berenato, Joseph W., III; Raivel, Earl L., Jr.; and Strepelis, John J., 4,555,209, Cl. 414-163.000.

Strepparola, Ezio: *See—*
Moggi, Giovanni; Flabbi, Luciano; and Strepparola, Ezio, 4,530,969, Cl. 525-180.000.

Stresau Laboratory, Inc.: *See—*
Norton, Jeffery R., 4,493,240, Cl. 89-1.140.

Streschnak, Benno: *See—*
Puchta, Rolf; Nusslein, Hans; Boeck, Alexander; and Streschnak, Benno, 4,526,694, Cl. 252-8.800.

Stretch Devices, Inc.: *See—*
Newman, Don, 4,525,909, Cl. 29-121.100.

Stretch Emballering AB: *See—*
Back, Karl J., 4,553,372, Cl. 53-411.000.

Streusand, Marie J.; Getson, John C.; and McAfee, Richard C., to SWS Silicones Corporation. Silicone elastomers having thermally conductive properties. 4,544,696, 10-1-85, Cl. 524-428.000.

Strick, Nathan: *See—*
Neurath, A. Robert; and Strick, Nathan, 4,495,296, Cl. 436-530.000.

Stricker, John G. Transverse waterjet propulsion with auxiliary inlets and impellers. 4,531,920, 7-30-85, Cl. 440-47.000.

Stricker, Kevin L.: *See—*
Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.

Strickland, Brian R.: *See—*
Edlin, George R.; Shumpert, Thomas H.; and Strickland, Brian R., 4,546,358, Cl. 343-703.000.

Strickland, James C. Pre-amplifier having improved sonic performance. 4,496,910, 1-29-85, Cl. 330-279.000.

Strickland, James K.; and Ivey, H. Grady, to Strickland Systems, Inc. Inside corner concrete form unit. 4,519,570, 5-28-85, Cl. 249-194.000.

Strickland, John I., to Canadian Patents & Development Limited. Radiometer. 4,527,162, 7-2-85, Cl. 343-351.000.

Strickland, John J.: *See—*
Sugalski, Raymond K.; and Strickland, John J., 4,559,700, Cl. 29-623.100.

Strickland, Reid A.; and Roller, Timothy J. Slide valve for controlling fluid flow. 4,493,476, 1-15-85, Cl. 251-176.000.

Strickland, Robert M., Jr.: *See—*
Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael, Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.

Strickland Systems, Inc.: *See—*
Strickland, James K.; and Ivey, H. Grady, 4,519,570, Cl. 249-194.000.
Strickland, Thomas H.: *See—*
Musser, Harry R.; Strickland, Thomas H.; and Zannucci, Joseph S., 4,524,165, Cl. 524-99.000.
Strickland, Wilbur C., Jr.: *See—*
Brown, Bruce; and Strickland, Wilbur C., Jr., 4,558,471, Cl. 4-228.000.
Stricklen, Phil M.: *See—*
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Strickler, Rainer: *See—*
Baur, Richard; Oppenlander, Knut; Strickler, Rainer; and Barthold, Klaus, 4,546,151, Cl. 525-430.000.
Strickler, Robert E.: *See—*
Bettencourt, George S.; and Strickler, Robert E., 4,552,426, Cl. 339-75.00M.
Strickler, Steven E.; Simmons, Jerry C.; Golladay, James; and Goldstein, Andrew D., to Montech Systems Incorporated. Fluid measuring, testing and accounting system. 4,523,460, 6-18-85, Cl. 73-200.000.
Stricklin, Douglas K.: *See—*
Young, Roy E.; Stricklin, Douglas K.; and Givens, Henry M. W., 4,498,554, Cl. 180-236.000.
Strid, Kent: *See—*
Ragnegard, Samuel; Strid, Kent; and Sundkvist, Goran, 4,519,910, Cl. 210-327.000.
Striebel, Edmund E.; Matthews, John A.; Sepulveda, Domingo; and Pane, Francis C., Jr., to United Technologies Corporation. High blockage diffuser with means for minimizing wakes. 4,512,158, 4-23-85, Cl. 60-740.000.
Striebel, Edmund E.: *See—*
Sepulveda, Domingo; and Striebel, Edmund E., 4,548,032, Cl. 60-39.060.
Striegel, William H.; and Schmitz, Willard H., to Kohler Co. Railing for spa or the like. 4,512,042, 4-23-85, Cl. 4-496.000.
Striepeke, Wilhelm: *See—*
Hofmann, Heinz; Striepeke, Wilhelm; Werner, Manfred; Kleinherne, Herbert; and Zillessen, Christoph, 4,507,021, Cl. 405-288.000.
Strietzel, Rainer, to Brown, Boveri & Cie AG. Transmitting and receiving circuit for an apparatus for the automatic identification of objects and/or living organisms. 4,556,883, 12-3-85, Cl. 340-825.540.
Strietzel, Rainer: *See—*
Berthold, Rainer; and Strietzel, Rainer, 4,506,148, Cl. 235-380.000.
Koerner, Hans-Gerhard; Lang, Helmut; Berthold, Rainer; Strietzel, Rainer; and Melchior, Friedrich, 4,495,851, Cl. 89-6.500.
Strifler, Paul, to Daimler-Benz Aktiengesellschaft. Fuel-consumption monitoring system for motor vehicles with manually-shifted transmissions. 4,494,404, 1-22-85, Cl. 73-113.000.
Stright, Ramon L. Water hose fitting tool. 4,553,280, 11-19-85, Cl. 7-157.000.
Strik, Francis B.: *See—*
Van Den Berg, Jacob; Van Lent, Johannes G.; and Strik, Francis B., 4,496,641, Cl. 430-23.000.
Strike, Donald P.: *See—*
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Striker, Richard A.: *See—*
Eckberg, Richard P.; Striker, Richard A.; and Modic, Frank J., 4,558,147, Cl. 556-427.000.
Striker, Richard P.: *See—*
Dunn, James C.; Hardee, Harry C.; and Striker, Richard P., 4,547,080, Cl. 374-135.000.
Strimling, Walter E. Pump adaptable for use as an artificial heart. 4,512,726, 4-23-85, Cl. 417-412.000.
Strimling, Walter E. Implantable heart pump. 4,547,911, 10-22-85, Cl. 623-3.000.
Stringer, Carl: *See—*
LaForce, Jean, 4,491,716, Cl. 219-101.000.
Stringer, Carl Thomas: *See—*
LaForce, Jean, 4,491,716, Cl. 219-101.000.
Stringer, Jackie D.; and Dobesh, Eugene L., to F. H. Maloney Company. Pig detector. 4,491,018, 1-1-85, Cl. 73-432.00R.
Stringer Oil & Gas Co.: *See—*
LaForce, Jean, 4,491,716, Cl. 219-101.000.
Stringer, Orum D.; and Weinstock, Joseph, to SmithKline Beckman Corporation. 7-(2-aminoethyl)-1,3-benzthia- or oxa-zol-2(3H)-ones. 4,554,284, 11-19-85, Cl. 514-367.000.
Stringer, Orum D.; and Weinstock, Joseph, to SmithKline Beckman Corporation. Antihypertensive 7-[2-(dialkylamino)ethyl]-4-hydroxy-1,3-benzimidazol-2-ones. 4,554,287, 11-19-85, Cl. 514-387.000.
Stringer, Robert A., to Textron, Inc. Surface effect ship air cushion seal system. 4,543,901, 10-1-85, Cl. 114-67.00A.
Stringfellow, Dale A.; and Fast, Patricia E., to Upjohn Company, The. Method for immunoregulation with 6-aryl pyrimidine compounds. 4,543,248, 9-24-85, Cl. 514-272.000.
Stringfield, Ray M., Jr.: *See—*
Stallings, Charles H.; Schneider, Richard L.; Childers, Frederick K.; Matthews, Stephen M.; Roth, Ian S.; Helava, Heikki I.; and Stringfield, Ray M., Jr., 4,494,043, Cl. 315-111.410.
Stritzel, Gene A., to Gleason Works, The. Differential assembly having means for accommodating angular misalignments of axle segments. 4,491,036, 1-1-85, Cl. 74-715.000.
Stritzel, Gene A., to Gleason Works, The. Differential assembly having means for locking and positioning axle shafts therein. 4,512,211, 4-23-85, Cl. 74-745.000.
Strnad, Frank F. Sound attachment for a reed instrument. 4,497,234, 2-5-85, Cl. 84-1.040.
Strnad, Frank F. Sound attachment for a reed instrument. 4,545,277, 10-8-85, Cl. 84-1.040.
Strobel, Alfons; Wagner, Hans; and Hauser, Georg, to J. Strobel & Sohne GmbH & Co. Fur sewing machine with heated air blower. 4,557,205, 12-10-85, Cl. 112-20.000.
Strobel, Gary A.; Gavlak, Andrea H.; and Jaynes, Jesse M., to Research and Development Institute, Inc. at Montana State University. Compositions containing and methods of use of an infectivity-cured Hr plasmid-bearing microorganism. 4,517,008, 5-14-85, Cl. 71-77.000.
Strobel, Klaus; and Geiger, Klaus, to Hutschenreuther AG. Method for molding a ceramic article. 4,501,714, 2-26-85, Cl. 264-245.000.
Strobel, Klaus: *See—*
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Buhler, Eugen; Strobel, Klaus; and Schwarzmeier, Karl, 4,560,336, Cl. 425-78.000.
Stroberg, Rolf: *See—*
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Strobert, Samuel S.: *See—*
Mastromoro, John F., 4,508,935, Cl. 179-2.0EA.
Strobl, Otto; Blien, Harry; and Uliczka, Wolfgang. Apparatus for producing a wide fibrous web. 4,553,289, 11-19-85, Cl. 19-161.100.
Strobl, Otto: *See—*
Schmiedgen, Hans; Bernhardt, Siegfried; Strobl, Otto; and Menzel, Dietrich, 4,523,350, Cl. 19-98.000.
Stroem, Sigmunn; and Mowill, Rolf J., to A/S Kongsberg Vapenfabrikk. High area ratio, variable entrance geometry compressor diffuser. 4,549,847, 10-29-85, Cl. 415-182.000.
Stroezel, Manfred: *See—*
Laas, Harald; Tavs, Peter; Hannebaum, Heinz; and Stroezel, Manfred, 4,562,277, Cl. 556-34.000.
Stroffolino, Leon C., to Paolantonio, Vito J. Umbrella silk screening fixture. 4,509,420, 4-9-85, Cl. 101-35.000.
Stroh, Alvin L., to McMillin Wire and Plating, Inc. Plastic bag rack for checkstand. 4,512,540, 4-23-85, Cl. 248-95.000.
Stroh Brewery Company, The: *See—*
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Strohl, Robert L.: *See—*
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Strohl, Roderick G., Jr.: *See—*
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Strohl, Willi; and Jauch, Gerhard, to Robert Bosch GmbH. Pressure control valve. 4,559,968, 12-24-85, Cl. 137-510.000.
Strohl, Willi: *See—*
Maisch, Wolfgang; Nusser, Hermann; Peters, Klaus-Jurgen; and Strohl, Willi, 4,530,329, Cl. 123-447.000.
Strohmaier, Alfred J., to Du Pont de Nemours, E. I., and Company. Method for applying liquid to a yarn. 4,526,808, 7-2-85, Cl. 427-57.000.
Strohmaier, Ernst, to Kaltenbach & Voigt GmbH & Co. Dental handpiece. 4,514,169, 4-30-85, Cl. 433-29.000.
Strohmaier, Ernst; Reich, Heinrich; and Wagner, Bernd, to Kaltenbach & Voigt GmbH & Co. Dental handpiece. 4,519,780, 5-28-85, Cl. 433-29.000.
Strohmaier, Ernst, to Kaltenbach & Voigt GmbH & Co. Dental handpiece. 4,534,732, 8-13-85, Cl. 433-29.000.
Strohmaier, Ernst: *See—*
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Schmidt, Andreas R.; Strohmayer, Herbert F.; Sibral, Walter; and Milligan, Barton, 4,519,432, Cl. 152-357.00A.
Strohmeyer, Charles, Jr., to Electrodyne Research Corporation. Unfired drying and sorting apparatus for preparation of solid fuel. 4,505,209, 3-19-85, Cl. 110-245.000.
Strohmeyer, Charles, Jr., to Electrodyne Research Corporation. Unfired drying and sorting apparatus for preparation of solid fuel and other solid material. 4,506,608, 3-26-85, Cl. 110-245.000.
Strohschein, Rudy. Non-flooding distilling column. 4,511,435, 4-16-85, Cl. 202-158.000.
Strojny, Lawrence J.: *See—*
Froehling, Paul H.; Anders, Jude R.; Strojny, Lawrence J.; and Rehberger, James M., 4,497,031, Cl. 364-505.000.
Strole, Ulrich: *See—*
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Strolle, Clifford H.: *See—*
Cluff, Stephen L.; and Strolle, Clifford H., 4,504,620, Cl. 524-602.000.
Cluff, Stephen L.; Strolle, Clifford H.; and Breazeale, Robert D., 4,548,963, Cl. 523-427.000.
Strom, Alice M.; Herr, R. Wilbur; and Martin, Sylvia, to OMI International Corporation. Acid zinc and zinc alloy electroplating solution and process. 4,515,663, 5-7-85, Cl. 204-44.200.
Strom Corporation: *See—*
Strom, Larry O.; and Guex, Betty S., 4,508,107, Cl. 128-54.000.

Strom, E. Thomas, to Mobil Oil Corporation. Identification of carbon-containing ions adsorbed on ion-exchange resins by nuclear magnetic resonance spectroscopy. 4,532,218, 7-30-85, Cl. 436-82.000.

Strom, Erkki: *See—*
- Lindberg, Jarl J.; Era, Vaino ; and Strom, Erkki, 4,556,425, Cl. 106-14.230.

Strom, Johan P., to U.S. Philips Corporation. Bi-axial supporting arrangement which can withstand high acceleration forces. 4,558,325, 12-10-85, Cl. 343-765.000.

Strom, Larry O.; and Guex, Betty S., to Strom Corporation. Pneumatic percussor. 4,508,107, 4-2-85, Cl. 128-54.000.

Stroman, Fritz: *See—*
- Engel, Jurgen; Kleemann, Axel; Posselt, Klaus; Stroman, Fritz; and Thiemer, Klaus, 4,542,159, Cl. 514-653.000.

Stromberg-Carlson Corp.: *See—*
- Brightman, Barrie; Elliott, George; Lenk, Pedro A.; Shah, Jayantkumar R.; and Stewart, William H., 4,555,595, Cl. 179-18.0ES.
- Bull, John; Croft, Leon; DeVaney, David B.; Davis, Russell R.; Hinshaw, David L.; Jotwani, Haresh C.; Kandell, Ronald J.; Kurtz, Richard F.; Lee, Ernest O., Jr.; Neumeier, Gunter F.; Richards, Glenn L.; and Scott, Richard, 4,523,308, Cl. 370-56.000.
- Nguyen, Chien, 4,535,282, Cl. 323-269.000.

Stromberg, Clinton V., to American Motors Corporation. Adjustable steering column assembly and mechanism therefor. 4,561,323, 12-31-85, Cl. 74-493.000.

Stromberg, James L., to Halliburton Company. Quick connect coupler. 4,522,430, 6-11-85, Cl. 285-24.000.

Stromberg, Lars A., to Studsvik Energiteknik AB. Fast fluidized bed boiler and a method of controlling such a boiler. 4,538,549, 9-3-85, Cl. 122-4.00D.

Stromberg, Paul C.; and Luoma, Van A. Stick type drumstick. 4,535,671, 8-20-85, Cl. 84-422.00S.

Stromberg, Rolf. Image-stabilized optical instrument, such as telescope and cameras. 4,542,962, 9-24-85, Cl. 350-500.000.

Strome, Forrest C., Jr.: *See—*
- Gupta, Mool C.; Wrobel, Joseph J.; and Strome, Forrest C., Jr., 4,527,173, Cl. 346-135.100.

Stromquist, Donald M. Method and apparatus for conveying slurry explosives. 4,542,941, 9-24-85, Cl. 299-12.000.

Stromvall, Sten K.: *See—*
- Kohler, Hans O.; and Stromvall, Sten K., 4,511,917, Cl. 358-84.000.

Strong, Douglas H.: *See—*
- Frey, Gary T.; Strong, Douglas H.; and Urbanski, Janet B., 4,555,445, Cl. 428-340.000.

Strong, Hovey R.: *See—*
- Halpern, Joseph Y.; Simons, Barbara B.; and Strong, Hovey R., 4,531,185, Cl. 364-200.000.

Strong, John C. Self-cleaning furnace filter construction. 4,521,230, 6-4-85, Cl. 55-274.000.

Strong, John R., to Paccar Inc. Sway bag suspension system. 4,504,079, 3-12-85, Cl. 280-683.000.

Strong, John R., to Paccar Inc. Apparatus and method for a suspension system. 4,535,977, 8-20-85, Cl. 267-64.150.

Strong, Les O.: *See—*
- Hanson, Oliver D.; Nicolai, Donald R.; and Strong, Les O., 4,537,194, Cl. 128-399.000.

Strong, Robert T.: *See—*
- Boston, William G.; and Strong, Robert T., 4,539,102, Cl. 209-38.000.

Strong, Samuel Z., Jr. Bicycle gear shift unit. 4,548,092, 10-22-85, Cl. 74-475.000.

Strong, William K., to Restaurant Technology, Inc. Method and apparatus for holding freshly prepared fried food products. 4,499,818, 2-19-85, Cl. 99-483.000.

Strope, Douglas H.; and Wray, Thomas E., to International Business Machines Corporation. Method for monitoring deposition rate using an eddy current detector. 4,556,845, 12-3-85, Cl. 324-230.000.

Strope, Douglas H.: *See—*
- Engel, Peter A.; Strope, Douglas H.; and Wray, Thomas E., 4,514,752, Cl. 357-72.000.

Strosberg, Arthur M.: *See—*
- Kluge, Arthur F.; Strosberg, Arthur M.; Whiting, Roger L.; and Christie, George A., 4,497,818, Cl. 514-397.000.
- Kluge, Arthur F.; Clark, Robin D.; and Strosberg, Arthur M., 4,558,129, Cl. 544-377.000.

Strothers, John. Vehicle seat harness. 4,509,798, 4-9-85, Cl. 297-487.000.

Strothmann, Rolf; and Dohmer, Rolf, to Unitron Industries Ltd. Plugs, receptacles and hearing aids. 4,539,439, 9-3-85, Cl. 179-107.00R.

Stroud, Lebern W. Dual alternator system. 4,509,005, 4-2-85, Cl. 320-68.000.

Stroud, Lebern W. Four-five alternator coil winding. 4,549,106, 10-22-85, Cl. 310-184.000.

Stroup, Larry J. Dead bolt and night chain combination. 4,493,500, 1-15-85, Cl. 292-262.000.

Stroup, Steven L. Apparatus for cutting tubing into predetermined lengths. 4,552,047, 11-12-85, Cl. 82-102.000.

Stroupe, Stephen D.: *See—*
- Wang, Chao-Huei J.; Stroupe, Stephen D.; and Jolley, Michael E., 4,492,762, Cl. 436-537.000.

Strouss, Oran L. Pan release agent and its preparation. 4,547,388, 10-15-85, Cl. 426-609.000.

Strout, Russell B.; and Golner, Jerold J., to Borden, Inc. Portable, manually operable dispenser for stretch film and the like, and process of applying. 4,522,348, 6-11-85, Cl. 242-96.000.

Strover, Angus E.: *See—*
- Hourahane, Donald H.; and Strover, Angus E., 4,535,768, Cl. 128-305.100.

Strowik, Willibald: *See—*
- Kluting, Bernd; Ebeling, Peter; and Strowik, Willibald, 4,530,481, Cl. 248-394.000.

Stroz, John J.; and Mackay, Donald A. M., to Nabisco Brands, Inc. Method of reducing dental caries. 4,508,713, 4-2-85, Cl. 514-60.000.

Stroz, John J.: *See—*
- D'Amelia, Ronald P.; Stroz, John J.; and White, Roy, 4,525,363, Cl. 426-3.000.

Strozier, Robert W.: *See—*
- Hsu, Wen-Liang; Maly, Neil A.; Matrana, Barry A.; Strozier, Robert W.; and Wideman, Lawson G., 4,524,233, Cl. 585-606.000.

Strub, Jean-Claude, to Luk Lamellen und Kupplungsbau GmbH. Multi-stage clutch disc arrangement with dished clutch disc, friction generating means, and load friction unit. 4,520,915, 6-4-85, Cl. 192-106.200.

Strub, Jean-Claude, to Luk Lamellen und Kupplungsbau GmbH. Clutch disc assembly including a flange on the clutch disc, the flange extending through one guide plate and a friction disc. 4,520,916, 6-4-85, Cl. 192-106.200.

Strubbe, Gilbert J. I., to Sperry Corporation. Combine ground speed control system. 4,513,562, 4-30-85, Cl. 56-10.200.

Strubbe, Gilbert J. I.: *See—*
- Decoene, Frans J. G. C.; Strubbe, Gilbert J. I.; and Todd, Robert R., 4,510,946, Cl. 130-27.00T.

Strubhar, Malcolm K.: *See—*
- Fitch, John L.; and Strubhar, Malcolm K., 4,515,214, Cl. 166-250.000.
- Stowe, Lawrence R.; and Strubhar, Malcolm K., 4,549,608, Cl. 166-280.000.

Struck, Bernd D.; Dias, Francisco J.; Luhleich, Hartmut; and Paffen nee Siebert, Ursula, to Kernforschungsanlage Julich GmbH. Method of producing an electrode usable as a flow-through anode. 4,512,858, 4-23-85, Cl. 204-104.000.

Struck, Bernd-Dieter; Biallas, Bernd; and Schulten, Rudolf, to Kernforschungsanlage Julich GmbH. Process for obtaining hydrogen and oxygen from water. 4,544,459, 10-1-85, Cl. 204-103.000.

Struck, Carl-Heinz; Schumacher, Ralf; Kohler, Ingomar; and Leppert, Gerd-Ullrich, to Dr. C. Otto & Comp. G.m.b.H. Transfer flue with means for improving the flow of gases. 4,561,843, 12-31-85, Cl. 432-214.000.

Struck, Helmut; Richter, Karl H.; Klein, Michael; Ruth, Ulrich; and Ulke, Walter, to Daimler-Benz Aktiengesellschaft. Steerable wheel suspension arrangement. 4,522,418, 6-11-85, Cl. 280-95.00A.

Structural Fibers, Inc.: *See—*
- Bliley, Ward L., 4,504,530, Cl. 428-35.000.

Struger, Odo J.; and Sammons, Barry E., to Allen-Bradley Company. Multiplexed data handler for programmable controller. 4,553,224, 11-12-85, Cl. 364-900.000.

Struger, Odo J.: *See—*
- Galdun, Daniel J.; Struger, Odo J.; Grants, Valdis; and Brown, Ronald A., 4,527,250, Cl. 364-900.000.

Strumbos, William P. Multiple heat-range spark plug. 4,491,101, 1-1-85, Cl. 123-169.00C.

Strumbos, William P. Vacuum cleaner universal nozzle. 4,553,284, 11-19-85, Cl. 15-414.000.

Strunck, Theo; and Fricke, Erich, to Gewerkschaft Eisenhutte Westfalia. Method of applying a corrosion-proof and wear-resistant coating to a workpiece. 4,557,808, 12-10-85, Cl. 204-29.000.

Strung, Norman. Portable mirror blind. 4,506,467, 3-26-85, Cl. 43-1.000.

Strunk, Richard D.; Kasten, Robert E.; and Monopoli, Richard V., deceased (by Monopoli, Eileen F., executrix), to Deere & Company. Model reference adaptive implement control. 4,495,577, 1-22-85, Cl. 364-424.000.

Strunk, William R.: *See—*
- O'Brien, Larry S.; and Strunk, William R., 4,530,660, Cl. 432-32.000.

Strupczewski, Joseph T., to Hoechst-Roussel Pharmaceuticals Inc. 3-(4-piperidinyl)-1,2-benzisothiazoles. 4,524,074, 6-18-85, Cl. 514-321.000.

Strupczewski, Joseph T., to Hoechst-Roussel Pharmaceuticals Inc. Antihypertensive 1,2-benzisothiazole piperidines. 4,528,292, 7-9-85, Cl. 514-321.000.

Strupczewski, Joseph T.; Gardner, Beth A.; and Allen, Richard C., to Hoechst-Roussel Pharmaceuticals Inc. 3-(4-piperidyl)-1,2-benzisoxazoles. 4,528,376, 7-9-85, Cl. 546-198.000.

Strupczewski, Joseph T., to Hoechst-Roussel Pharmaceuticals Inc. Analgesic 3-(4-piperidinyl)-1,2-benzisothiazoles. 4,558,056, 12-10-85, Cl. 514-321.000.

Struthers, Ralph C. Boron monoxide-hydrogen peroxide fuel cell. 4,492,741, 1-8-85, Cl. 429-34.000.

Struthers, Ralph C. Fuel cell electrode. 4,503,132, 3-5-85, Cl. 429-40.000.

Struthers, Ralph C. Fuel cell electrolyte supply system and apparatus. 4,510,211, 4-9-85, Cl. 429-18.000.

Struthers, Ralph C. Fuel cell catholyte regenerating apparatus. 4,528,250, 7-9-85, Cl. 429-19.000.

Strutt, Derek W., to Ford Motor Company. Adjustable steering column mounting. 4,541,298, 9-17-85, Cl. 74-493.000.

Strutt, John R.; and Bhagwat, Anil G., to Xerox Corporation. Sheet transport. 4,523,832, 6-18-85, Cl. 355-3.0SH.

Strutz, Winfried: *See—*
- Marsoner, Hermann; Ritter, Christoph; Kleinhappl, Erich; and Strutz, Winfried, 4,512,953, Cl. 422-67.000.

Struve, Klaus-Dieter: *See—*
  Haas, Heinz, and Struve, Klaus-Dieter, 4,554,194, Cl. 428-40.000.

Struzik, Lawrence F.: *See—*
  Livorsi, Carl F.; Wucik, Joseph A., Jr.; Dorrian, Philip J.; and Struzik, Lawrence F., 4,508,315, Cl. 251-173.000.

Stry-Lenkoff Co.: *See—*
  Lenkoff, Leon G., 4,514,177, Cl. 434-328.000.

Stryer, Lubert; Glazer, Alexander N.; and Oi, Vernon T., to Leland Stanford Junior University, The Board of Trustees of the. Fluorescent immunoassay employing a phycobiliprotein labeled ligand or receptor. 4,520,110, 5-28-85, Cl. 436-501.000.

Stryer, Lubert; and Glazer, Alexander N., to Leland Stanford Junior University, The Board of Trustees of the. Phycobiliprotein fluorescent conjugates. 4,542,104, 9-17-85, Cl. 436-536.000.

Stryjewski, Walter A., to Eastman Kodak Company. Member of compliant material. 4,501,482, 2-26-85, Cl. 355-3.0FU.

Stryker Corporation: *See—*
  Richmond, James W., 4,509,516, Cl. 128-303.00R.

Stryker, Howard Y.: *See—*
  Callahan, David J.; Mazzawy, Robert S.; Stryker, Howard Y.; and Kelly, James B., 4,550,564, Cl. 60-39.093.

Stryzak, Bohdan: *See—*
  McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cu[illegible]ity, Joseph A.; and Stryzak, Bohdan, 4,546,382, Cl. 358-84.000.

Strzegowski, Joseph C., Jr.: *See—*
  Turner, Edward W.; Blake, Peter J.; and Strzegowski, Joseph C., Jr., 4,553,464, Cl. 83-865.000.

Strzelecki, Stanislaus. Method of and apparatus for forming ideograms. 4,498,143, 2-5-85, Cl. 364-900.000.

Stuaffer Chemical Company: *See—*
  Alesandrini, Carlo G., Jr.; and Nady, Louie A., 4,551,325, Cl. 423-488.000.

Stuart, Clifton F. Gravity self-aligning article mount. 4,522,363, 6-11-85, Cl. 248-225.200.

Stuart, Frank A.: *See—*
  Tyson, William H.; and Stuart, Frank A., 4,501,670, Cl. 210-770.000.
  Tyson, William H.; and Stuart, Frank A., 4,544,491, Cl. 210-772.000.

Stuart, Ian C. E.: *See—*
  Heathcoat, Michael J.; Jackson, Douglas H.; Jowitt, Frederick W.; Madley, Jack R.; and Stuart, Ian C. E., 4,515,677, Cl. 204-300.0EC.

Stuart, James G.: *See—*
  Bucha, Robert M.; Dzermejko, Albert J.; and Stuart, James G., 4,511,264, Cl. 374-135.000.

Stuart, James M., to Malvern Scale Company. Weighing scale with adjustable suspension and thermal compensation. 4,519,464, 5-28-85, Cl. 177-244.000.

Stuart, James M., to Malvern Scale Company. Electronic scale with non-parallel capacitance means. 4,524,840, 6-25-85, Cl. 177-210.00C.

Stuart, James M., to Malvern Scale Company. Electronic scale with counterbalance. 4,544,043, 10-1-85, Cl. 177-194.000.

Stuart, James M., to Malvern Scale Company. Torsion load cell. 4,561,511, 12-31-85, Cl. 177-225.000.

Stuart, Marion W. Educational device. 4,493,654, 1-15-85, Cl. 434-347.000.

Stuart, Robert A., to Rotaflex plc. Electrical supply systems. 4,492,420, 1-8-85, Cl. 339-22.00R.

Stuart, Robert A., to Rotaflex plc. Connector for electrical supply system. 4,557,547, 12-10-85, Cl. 339-184.00R.

Stuart, Thomas G., to Applied Power Inc. Latch mechanism for a tilt-cab truck. 4,509,6[illegible], 4-9-85, Cl. 180-89.140.

Stubb, Paul R. Method and apparatus for electrodeposition of materials. 4,492,621, 1-8-85, Cl. 204-261.000.

Stubb, Paul R. Method for electrodeposition of materials. 4,545,865, 10-8-85, Cl. 204-23.000.

Stubblefield, Jerry D., to Pensa, Inc. Basketball shoe sole. 4,546,556, 10-15-85, Cl. 36-32.00R.

Stubblefield, Jerry D., to Pensa, Inc. Basketball shoe sole. 4,550,510, 11-5-85, Cl. 36-32.00R.

Stubbmann, Albert, to Shelcore, Inc. Rockable toy with a reflecting mirror. 4,522,604, 6-11-85, Cl. 446-219.000.

Stubbs, James A.; and Gumplo, Eugene L. Paper tape rewinding device. 4,494,708, 1-22-85, Cl. 242-67.30R.

Stubbs, John K.: *See—*
  Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,515,799, Cl. 514-341.000.
  Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,539,322, Cl. 514-253.000.
  Campbell, Simon F.; Cross, Peter E.; and Stubbs, John K., 4,547,502, Cl. 514-253.000.

Stubbs, John L.; and Loflin, Carl B., to Southern Railway Company. Rail gauger. 4,534,296, 8-13-85, Cl. 104-8.000.

Stubbs, John L.: *See—*
  Miller, John R.; and Stubbs, John L., 4,522,127, Cl. 104-17.00R.

Stubbs, John L., Jr.: *See—*
  Cawlfield, David W.; Moore, William M.; and Stubbs, John L., Jr., 4,537,937, Cl. 525-417.000.

Stubbs, Peter W. R., to BL Technology Limited. Constant mesh gearboxes. 4,528,861, 7-16-85, Cl. 74-364.000.

Stubenrauch, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Pommer, Ernst-Heinrich, to BASF Aktiengesellschaft. Process for preparing 1,2,4-triazole derivatives. 4,496,738, 1-29-85, Cl. 548-262.000.

Stuber, Fred A.: *See—*
  Frulla, Floro F.; Stuber, Fred A.; and Whitman, Peter J., 4,550,188, Cl. 560-24.000.

Stuber, Wayne G.: *See—*
  Newton, Charles L.; and Stuber, Wayne G., 4,504,296, Cl. 62-31.000.
  Newton, Charles L.; Stuber, Wayne G.; and Patterson, Michael A., 4,541,852, Cl. 62-11.000.

Stuchlik, Terry L.: *See—*
  Bankar, Vilas G.; Stuchlik, Terry L.; and Werny, Frank, 4,492,731, Cl. 428-362.000.

Stuck, Earl N.; and Zackay, Victor F., to Teledyne Industries, Inc. Casting and coating with metallic particles. 4,539,930, 9-10-85, Cl. 118-300.000.

Stucke, Walter, to Mannesmann Aktiengesellschaft. Method of jacketing steel pipes. 4,510,007, 4-9-85, Cl. 156-244.120.

Stucke, Walter: *See—*
  Landgraf, Helmut; and Stucke, Walter, 4,519,863, Cl. 156-244.120.

Stuckey, William C. Post and cantelevered ring plant/vine support structure. 4,503,636, 3-12-85, Cl. 47-44.000.

Stuckey, William C. Vertical plant support with horizontal hoops. 4,519,162, 5-28-85, Cl. 47-47.000.

Stuckey, William C. Plant support. 4,534,129, 8-13-85, Cl. 47-47.000.

Stuckey, William C. Compact torque converter tool. 4,545,268, 10-8-85, Cl. 81-57.310.

Stuckey, William C. Universal ratcheting wrench. 4,546,678, 10-15-85, Cl. 81-90.600.

Stucki, Peter: *See—*
  Butera, William J.; and Stucki, Peter, 4,530,612, Cl. 400-232.000.

Stucki, Samuel: *See—*
  Killer, Eric; Scherer, Gunther; and Stucki, Samuel, 4,546,010, Cl. 427-96.000.

Stuckmayer, Jack. Farm game. 4,557,486, 12-10-85, Cl. 273-278.000.

Stude, Michael E. Marker attachment for rules. 4,507,869, 4-2-85, Cl. 33-42.000.

Studer, Philip A.: *See—*
  Evans, Jack; and Studer, Philip A., 4,500,265, Cl. 417-417.000.

Studer, Robert L.; and Schourup, William E. Method and apparatus for repairing water leaks. 4,508,130, 4-2-85, Cl. 137-15.000.

Studer, Rolf: *See—*
  Felix, Arthur M.; Gillessen, Dieter; Studer, Rolf; Meienhofer, Johannes A.; and Trzeciak, Arnold, 4,504,415, Cl. 260-112.50R.

Studiecentrum voor Kernenergie, S.C.K.: *See—*
  Binard, Luc Andre M. G., 4,552,134, Cl. 128-1.500.

Studiengesellschaft Kohle mbH: *See—*
  Bogdanovic, Borislav, 4,554,152, Cl. 423-647.000.
  Bogdanovic, Borislav, 4,554,153, Cl. 423-647.000.
  Bonnemann, Helmut; and Bogdanovic, Borislav, 4,556,719, Cl. 556-13.000.

Studniarz, Stanley A.: *See—*
  Dakin, Thomas W.; Studniarz, Stanley A.; and Chenoweth, Terrence E., 4,537,803, Cl. 427-385.500.

Studsvik Energiteknik AB: *See—*
  Stromberg, Lars A., 4,538,549, Cl. 122-4.00D.

Studt, William L.; and Zimmerman, Harry K., to William H. Rorer, Inc. 1-pyridylmethyl-3-acyl guanidines. 4,496,573, 1-29-85, Cl. 514-344.000.

Studt, William L.; Dodson, Stuart A.; Zimmerman, Harry K.; and Barnes, James L., to William H. Rorer, Inc. Method of treating coccidiosis with acyl guanidines. 4,544,670, 10-1-85, Cl. 514-617.000.

Studt, William L.: *See—*
  Campbell, Henry F.; Kuhla, Donald E.; Studt, William L.; and Dodson, Stuart A., 4,520,025, Cl. 514-275.000.
  Kuhla, Donald E.; Campbell, Henry F.; and Studt, William L., 4,529,723, Cl. 514-212.000.
  Kuhla, Donald E.; Campbell, Henry F.; and Studt, William L., 4,543,352, Cl. 514-212.000.
  Kuhla, Donald E.; Studt, William L.; Campbell, Henry F.; and Yelnosky, John, 4,562,188, Cl. 514-245.000.

Studtmann, George H., to Borg-Warner Corporation. Control and stabilizing system for damperless synchronous motor. 4,511,834, 4-16-85, Cl. 318-700.000.

Studtmann, George H., to Borg-Warner Corporation. Voltage-controlled, inverter-motor system. 4,511,835, 4-16-85, Cl. 318-700.000.

Stuermer, Burkhard: *See—*
  Deininger, Horst; and Stuermer, Burkhard, 4,545,203, Cl. 60-468.000.

Stuetz, Gerhard: *See—*
  Martin, Hans; and Stuetz, Gerhard, 4,556,138, Cl. 192-58.00B.

Stuff, Alfred O. Golf club head. 4,530,505, 7-23-85, Cl. 273-164.000.

Stuhldreher, Terrence M.; and Rockarts, Rene L., to B. F. Goodrich Company, The. Apparatus for making improved tire curing bladders. 4,531,902, 7-30-85, Cl. 425-408.000.

Stuhler, Herbert; and Krempl, Engelbert, to Hoechst Aktiengesellschaft. Process for the purification of esters. 4,521,595, 6-4-85, Cl. 536-127.000.

Stuhler, Herbert, to Hoechst Aktiengesellschaft. Process for the preparation of polyglycerols. 4,551,561, 11-5-85, Cl. 568-619.000.

Stuhler, Herbert, to Hoechst Aktiengesellschaft. Process for preparing carboxylic acid esters of hexitols. 4,562,007, 12-31-85, Cl. 260-410.600.

Stuhler, Rolf: *See—*
  Majthan, Rudolf; Stuhler, Rolf; Parsonage, Raymond G.; and Packham, Charles C., 4,514,618, Cl. 219-370.000.

Stuhlmann, Wolfgang, to Westinghouse FANAL-Schaltgeraete GmbH. Pressure sensor. 4,541,283, 9-17-85, Cl. 73-724.000.

Stuhmeier, Gunter; and Holzinger, Karl, to Herbert Kannegiesser GmbH & Co. Method for dewatering items of washed laundry. 4,525,935, 7-2-85, Cl. 34-14.000.

Stuhr, Hans-Waldemar, to Linde Aktiengesellschaft. Hydrostatic drive systems. 4,528,814, 7-16-85, Cl. 60-419.000.

Stuhrmann, Heinz, to Deere & Company. Vehicle-mounted apparatus for supporting ballast weights and for elevating the weights. 4,518,305, 5-21-85, Cl. 414-719.000.

Stulen, Richard H.: *See—*
Haney, Steven J.; Stulen, Richard H.; and Toly, Norman F., 4,538,068, Cl. 250-443.100.

Stulik, Jiri: *See—*
Scheinecker, Alois; Stulik, Jiri; and Hargassner, Reinhard, 4,529,031, Cl. 164-478.000.

Stull, Gene. Tamper-evident closure cap construction. 4,546,893, 10-15-85, Cl. 215-252.000.

Stull, Keefer S., Jr.: *See—*
Jensen, Arthur S.; and Stull, Keefer S., Jr., 4,492,882, Cl. 307-497.000.

Stultz, Peter F.: *See—*
Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., 4,532,194, Cl. 429-99.000.
Liautaud, James P.; Stultz, Peter F.; Maloney, David L.; and Westberg, John K., II, 4,558,270, Cl. 320-2.000.

Stumfall, David M., to Printronix, Inc. Electronic apparatus having low radio frequency interference from system clock signal. 4,507,796, 3-26-85, Cl. 375-106.000.

Stumm, Wolfgang, to Institut Dr. Friedrich Forster Prufgeratebau GmbH & Co. Method and apparatus for scanning the surface of an object. 4,562,349, 12-31-85, Cl. 250-234.000.

Stump, Charles J., Jr.: *See—*
Nicholson, Nicholas; Dowdy, Edward J.; Holt, David M.; and Stump, Charles J., Jr., 4,497,769, Cl. 376-257.000.

Stump, Lee E., to Timesavers, Inc. Endless abrasive belts. 4,512,110, 4-23-85, Cl. 51-141.000.

Stump, Lee E.; David, Eugene C.; and Boehne, Dale, to Timesavers, Inc. Segmented platen with diaphragm cylinder control. 4,527,359, 7-9-85, Cl. 51-138.000.

Stump, Paul O.; and Taylor, Calvin G., to Eaton Corporation. Wafer transport system. 4,534,695, 8-13-85, Cl. 414-749.000.

Stumpe, Werner, to Robert Bosch GmbH. Electro-pneumatic brake system. 4,557,527, 12-10-85, Cl. 303-15.000.

Stumpe, Werner: *See—*
Grauel, Ingolf; Hofer, Gerald; Kulke, Gunter; and Stumpe, Werner, 4,496,192, Cl. 303-13.000.

Stumpf, Gunter O. Apparatus for laying web material. 4,516,760, 5-14-85, Cl. 270-31.000.

Stumpf, Richard A.: *See—*
Higgins, Philip M.; MacKenna, William B.; Sickels, Lawrence G.; and Stumpf, Richard A., 4,491,917, Cl. 364-424.000.

Stumpf, Walter, to Simmons U.S.A. Corporation. Ultrasonic separation apparatus. 4,491,491, 1-1-85, Cl. 156-73.300.

Stumpf, Walter; and Dillon, Paul, to Simmons U.S.A. Corporation. Independent block assembly of springs. 4,523,344, 6-18-85, Cl. 5-477.000.

Stumpf, Walter: *See—*
Dillon, Paul J.; and Stumpf, Walter, 4,519,107, Cl. 5-261.000.

Stumpf, William E.; and Chadwick, Donald T., to Herman Miller, Inc. One-piece shell chair. 4,529,247, 7-16-85, Cl. 297-301.000.

Stumpfi, Werner; Bettinger, Gunter; Engel, Friedrich; Fitterer, Horst; Kreimes, Norbert; Pfefferkorn, Dietmar; Schaffer, Norbert; and Schmidts, Kurt, to BASF Aktiengesellschaft. Hub for magnetic tape cassettes, especially compact cassettes, and magnetic tape cassette possessing one or more such hubs. 4,515,331, 5-7-85, Cl. 242-199.000.

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Stumpp, Gerhard; Vogtmann, Hans-Jorg; Fussner, Paul; Schwarz, Manfred; Hofer, Gerald; Konrath, Karl; Straubel, Max; and Faupel, Werner, to Robert Bosch GmbH. Fuel injection pump. 4,501,252, 2-26-85, Cl. 123-502.000.

Stumpp, Gerhard: *See—*
Buck, Rainer; Kull, Hermann; Piwonka, Fridolin; Sieber, Albrecht; Stumpp, Gerhard; and Wessel, Wolf, 4,515,125, Cl. 123-359.000.
Kull, Hermann; Wessel, Wolf; and Stumpp, Gerhard, 4,509,480, Cl. 123-359.000.

Stuntz, Gordon F.; and Schucker, Robert C., to Exxon Research & Engineering Co. Passivation of metal contaminants in cat cracking. 4,504,379, 3-12-85, Cl. 208-113.000.

Stuntz, Gordon F.; and Reid, Terry A., to Exxon Research & Engineering Co. Passivation of metal contaminants in cat cracking. 4,504,380, 3-12-85, Cl. 208-113.000.

Stuntz, Gordon F.: *See—*
Bearden, Roby; and Stuntz, Gordon F., 4,537,676, Cl. 208-251.00R.

Stunzi, Joseph M., to Westinghouse Electric Corp. Cable operated tap changer for a three-phase transformer. 4,504,811, 3-12-85, Cl. 336-10.000.

Stupak, Adam E. Well safety valve. 4,516,598, 5-14-85, Cl. 137-318.000.

Stupak, Joseph J., Jr., to Ibis Systems, Inc. Linear motor. 4,518,881, 5-21-85, Cl. 310-13.000.

Stupak, Rimma I.: *See—*
Axenov, Ivan I.; Bren, Viktor G.; Padalka, Valentin G.; Sablev, Leonid P.; Stupak, Rimma I.; and Khoroshikh, Vladimir M., 4,551,221, Cl. 204-298.000.
Kljuchko, Gennady V.; Padalka, Valentin G.; Sablev, Leonid P.; and Stupak, Rimma I., 4,492,845, Cl. 219-121.00P.

Stuparits, Jeffrey J.; and Cramer, Russell L., to General Telephone of Michigan. Arrangement for subscriber line ring testing. 4,544,809, 10-1-85, Cl. 179-175.20R.

Stuparits, Jeffrey J.; and Cramer, Russell L. Arrangement for line jumper testing. 4,558,188, 12-10-85, Cl. 179-175.20D.

Stupecky, Josef J., to Sensormedics Corporation. Breath switch. 4,546,793, 10-15-85, Cl. 137-554.000.

Stupnik, Vyacheslav D.: *See—*
Gross, Valery N.; and Stupnik, Vyacheslav D., 4,534,647, Cl. 356-344.000.

Stupp, Edward H.; and Fellows, Mark W., to North American Philips Corporation. Variable frequency current control device for discharge lamps. 4,498,031, 2-5-85, Cl. 315-307.000.

Stupp, Edward H.; Fellows, Mark W.; and Steneck, Walter G., to North American Philips Corporation. High-frequency oscillator-inverter ballast circuit for discharge lamps. 4,560,908, 12-24-85, Cl. 315-219.000.

Sturans, Maris A.: *See—*
Langner, Gunther O.; Pfeiffer, Hans C.; and Sturans, Maris A., 4,544,846, Cl. 250-396.0ML.

Sturdevant, Eugene J., to Proctor-Silex, Inc. Enhanced heat and mass transfer apparatus. 4,496,827, 1-29-85, Cl. 219-399.000.

Sturdevant, Eugene J., to Proctor-Silex, Inc. Mechanical electrode. 4,501,954, 2-26-85, Cl. 219-399.000.

Sturdevant, Eugene J. Electrode shield device. 4,523,082, 6-11-85, Cl. 219-399.000.

Sturdevant, Eugene J.; and Daniels, John F., to Harry Hill Associates. Heating structure for an oven. 4,558,208, 12-10-85, Cl. 219-399.000.

Sturdevant, Norman J., Jr.: *See—*
Pacini, Dino J.; Miceli, Edward C.; and Sturdevant, Norman J., Jr., 4,554,416, Cl. 179-170.0NC.

Sturdivan, James R., to Hallmark Cards, Inc. Multi-leaved tablet and method of forming same. 4,558,980, 12-17-85, Cl. 412-2.000.

Sturdy, Harry D., to Sturdy Truck Equipment, Inc. Road and engine speed governor. 4,523,564, 6-18-85, Cl. 123-361.000.

Sturdy, Harry D., to Sturdy Truck Equipment, Inc. Engine governor with reference position for throttle limiter. 4,531,489, 7-30-85, Cl. 123-320.000.

Sturdy, Harry D., to Sturdy Truck Equipment, Inc. Engine governor with fast reference positioning and slow opening and closing movement of throttle limiter. 4,532,901, 8-6-85, Cl. 123-333.000.

Sturdy, Harry D., to Sturdy Truck Equipment, Inc. Cable transfer device with lost motion coupling for governors. 4,543,932, 10-1-85, Cl. 123-342.000.

Sturdy Truck Equipment, Inc.: *See—*
Sturdy, Harry D., 4,523,564, Cl. 123-361.000.
Sturdy, Harry D., 4,531,489, Cl. 123-320.000.
Sturdy, Harry D., 4,532,901, Cl. 123-333.000.
Sturdy, Harry D., 4,543,932, Cl. 123-342.000.

Sturgeon, Bennett: *See—*
Gray, George W.; Lacey, David; Pellatt, Martin G.; and Sturgeon, Bennett, 4,542,230, Cl. 560-01.000.

Sturgeon, Roger: *See—*
Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,491,836, Cl. 340-747.000.
Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,492,956, Cl. 340-723.000.
Collmeyer, Arthur J.; Hoel, Jeffrey H.; King, Paul F.; Stanley, Donald O.; and Sturgeon, Roger, 4,496,944, Cl. 340-723.000.

Sturges, Fred D., to Borg-Warner Corporation. Control system for controlling the engagement of a pressure-operated actuator. 4,535,879, 8-20-85, Cl. 192-52.000.

Sturges, Fred D., to Borg-Warner Corporation. Temperature control system for internal combustion engine. 4,546,742, 10-15-85, Cl. 123-41.050.

Sturges, Fred D., to Borg-Warner Corporation. Coolant/refrigerant temperature control system. 4,555,910, 12-3-85, Cl. 62-184.000.

Sturges, Robert H., Jr., to Westinghouse Electric Corp. Apparatus for mapping and identifying an element within a field of elements. 4,503,506, 3-5-85, Cl. 364-513.000.

Sturges, Robert H., Jr.; Birsa, Joseph J.; Dawson, Paul H.; and Byford, Roger G., to Westinghouse Electric Corp. Manipulator control system and apparatus for decontaminating nuclear steam generators. 4,521,844, 6-4-85, Cl. 364-167.000.

Sturgess, Michael G.: *See—*
Ring, John; French, David; Hickling, Michael; and Sturgess, Michael G., 4,508,765, Cl. 427-386.000.

Sturgill, Dennis T., to Owens-Illinois, Inc. Cogeneration from glass furnace waste heat recovery. 4,528,012, 7-9-85, Cl. 65-135.000.

Sturgill, James D.: *See—*
Appleman, William S.; and Sturgill, James D., 4,521,044, Cl. 294-82.240.

Sturm, James E.; and Peterson, Colleen S., to Motorola, Inc. Method for coupling an electronic device into an electrical circuit. 4,527,330, 7-9-85, Cl. 29-827.000.

Sturm, Michael: *See—*
Kirsch, Jerome; Kopsco, M. Alan; Markow, Edward; and Sturm, Michael, 4,505,441, Cl. 244-3.150.
Kirsch, Jerome; Kopsco, M. Alan; Markow, Edward; and Sturm, Michael, 4,505,442, Cl. 244-3.150.

Sturm, Warren A.: *See—*
Klima, Frank J., 4,552,233, Cl. 175-371.000.

- Sturm, Wolfgang; Mansfeld, Gerd; and Reindl, Hans, to Haarmann & Reimer GmbH. Aliphatic dicarboxylic acid esters as scents. 4,528,124, 7-9-85, Cl. 252-522.00R.
- Sturman, Barry T., to Varian Techtron Pty Limited. Gas/liquid separator and atomization cell. 4,559,808, 12-24-85, Cl. 73-23.000.
- Sturman, Oded E.; Grill, Benjamin; and Harrison, Lynn. Pressure regulating mechanically and electrically operable shut off valves. 4,501,290, 2-26-85, Cl. 137-495.000.
- Sturman, Oded E.; Grill, Benjamin; and Harrison, Lynn. Pressure regulating valves. 4,516,600, 5-14-85, Cl. 137-495.000.
- Sturman, Oded E.; Grill, Benjamin; and Harrison, Lynn. Pressure regulators. 4,541,454, 9-17-85, Cl. 137-505.410.
- Sturmer, Johann: *See—*
  - Sperzel, Wolfgang; and Sturmer, Johann, 4,525,652, Cl. 315-307.000.
- Sturmer, Marian: *See—*
  - Gerber, Hans; Hidveghy, Ivan; Schaal, Gunter; Sturmer, Marian; Vogel, Eberhard; and Wessel, Claude, 4,503,425, Cl. 340-680.000.
- Sturnick, Gerard R., to Xerox Corporation. Sheet feeding and registration apparatus. 4,529,188, 7-16-85, Cl. 271-10.000.
- Sturtevant, Inc.: *See—*
  - Saverse, Ronald R.; and Jones, Harold T., 4,551,241, Cl. 209-148.000.
- Sturtevant-Stuart, Ronald M.: *See—*
  - Bond, Charles R.; and Sturtevant-Stuart, Ronald M., 4,562,495, Cl. 360-78.000.
- Sturtz, Georges: *See—*
  - Guerin, Bernard; Poisson, Pierre; and Sturtz, Georges, 4,495,111, Cl. 260-932.000.
- Sturtz, Gregory P.: *See—*
  - Stamerjohn, David M.; Norton, Richard V.; and Sturtz, Gregory P., 4,543,163, Cl. 203-37.000.
- Sturtz, Terry L.: *See—*
  - Newendorp, Bruce C.; Sturtz, Terry L.; and Anderson, Lawrence V., 4,559,847, Cl. 74-710.500.
- Sturzenegger, Christian; and Blatter, Johann, to Sprecher & Schuh AG. Gas-blast switch. 4,497,991, 2-5-85, Cl. 200-148.00A.
- Stuska, Gotthard: *See—*
  - Ripberger, Emil; and Stuska, Gotthard, 4,534,274, Cl. 92-187.000.
- Stussi, Rudolf: *See—*
  - Mayer, Andreas; and Stussi, Rudolf, 4,557,226, Cl. 123-41.860.
- Stut, Hans, to Fuji Electronic Components Ltd. Microwave power generator with dual coaxial lines connected to transistor. 4,504,801, 3-12-85, Cl. 331-117.00D.
- Stutenkemper, Paul; Rest, Heinz; and Kloppe, Herbert, to Ford Motor Company. Fastening device. 4,518,138, 5-21-85, Cl. 248-73.000.
- Stutsman, Richard R., to Vertx Corporation. Article dispensing machine with anti-theft structure. 4,494,675, 1-22-85, Cl. 221-13.000.
- Stuttgen, Friedel: *See—*
  - Ippen, Jakob; and Stuttgen, Friedel, 4,493,355, Cl. 152-329.000.
  - Ippen, Jakob; and Stuttgen, Friedel, 4,531,561, Cl. 152-510.000.
  - Ippen, Jakob; and Stuttgen, Friedel, 4,534,393, Cl. 152-524.000.
- Stutts, Joseph W.: *See—*
  - Smith, Nelson; and Stutts, Joseph W., 4,558,145, Cl. 556-148.000.
- Stutz, Anton, to Sandoz Ltd. Silyl-alkyn-en-ylamine derivatives. 4,542,022, 9-17-85, Cl. 514-63.000.
- Stutz, Hansruedi, to Loepfe Brothers Limited. Electronic scanner for monitoring running threads at a multitude of locations in a textile machine. 4,512,028, 4-16-85, Cl. 377-16.000.
- Stutz, Hansruedi, to Loepfe Brothers Limited. Apparatus for measuring the length of filamentary material, such as yarn or thread wound-up at individual winding or spinning locations of a textile machine. 4,549,268, 10-22-85, Cl. 364-470.000.
- Stutz, Hansruedi: *See—*
  - Glockner, Rolf; and Stutz, Hansruedi, 4,511,253, Cl. 356-385.000.
- Stutz, Herbert; and Eckert, Gunter, to BASF Aktiengesellschaft. Preparation of crosslinked polyurethane ionomer dispersions. 4,507,431, 3-26-85, Cl. 524-840.000.
- Stutz, Herbert: *See—*
  - Tesch, Helmut; Henne, Andreas; Heym, Manfred; and Stutz, Herbert, 4,559,398, Cl. 528-94.000.
- Stutz, Peter: *See—*
  - Bolliger, Georg; and Stutz, Peter, 4,547,500, Cl. 514-250.000.
  - Loibner, Hans; Streicher, Wolfgang; and Stutz, Peter, 4,503,046, Cl. 514-40.000.
- Stutzel, Bernhard, to Chemische Werke Huels AG. Highly transparent, impact-resistant modified polyvinyl chloride molding compositions. 4,536,548, 8-20-85, Cl. 525-227.000.
- Stutzer, Dieter: *See—*
  - Siegfried, Peter; Brunner, Gerd; and Stutzer, Dieter, 4,559,133, Cl. 208-177.000.
- Stutzinger, Ferdinand: *See—*
  - Bottcher, Wolfgang; Juttner, Heinz; Maurer, Albrecht; and Stutzinger, Ferdinand, 4,509,295, Cl. 51-49.000.
- Stutzman, Ellis D. Weather seal with wide range of flexure. 4,525,953, 7-2-85, Cl. 49-488.000.
- Styer, Fred W.: *See—*
  - Cochrane, Douglas A., Jr.; and Styer, Fred W., 4,535,430, Cl. 367-133.000.
- Styer, Richard D.: *See—*
  - Heidler, Lester D.; Styer, Richard D.; and Hunsberger, Enos R., 4,541,930, Cl. 210-344.000.
- Stypher Corporation: *See—*
  - Moxon, Edwin C., 4,503,484, Cl. 361-395.000.
  - Moxon, Edwin C., 4,516,164, Cl. 360-53.000.
- Stypulkowski, Paul H.: *See—*
  - van den Honert, Christopher; and Stypulkowski, Paul H., 4,535,785, Cl. 128-746.000.
- Styrna, Zbigniew B., to Mitel Corporation. Loudspeaking telephone. 4,527,014, 7-2-85, Cl. 179-81.00B.
- Su, Dean T., to Colgate-Palmolive Company. Gels formed from anionic and cationic polymers. 4,501,834, 2-26-85, Cl. 524-28.000.
- Su, Dean T., to Colgate-Palmolive Company. Shaving cream gel containing interpolymer reaction product of selected cationic polymers and anionic polymers. 4,528,111, 7-9-85, Cl. 252-107.000.
- Su, Hsueh-Ling: *See—*
  - Chang, Ching-Te; Lee, Lian-Tze; and Su, Hsueh-Ling, 4,508,654, Cl. 260-429.00R.
- Su, Kai C.; Stebbins, Leslie F.; and Bhatia, Rajkumar P., to Alcon Laboratories, Inc. Cleaning agent for optical surfaces. 4,493,783, 1-15-85, Cl. 252-174.230.
- Su, Kai C., to Ciba-Geigy Corporation. Tinted contact lenses and a method for their preparation. 4,553,975, 11-19-85, Cl. 8-507.000.
- Su, Kai C., to Ciba-Geigy Corporation. Tinted contact lenses and a method for their preparation. 4,559,059, 12-17-85, Cl. 9-507.000.
- Su, Ken K. Y.: *See—*
  - Seto, John Y. W.; and Su, Ken K. Y., 4,502,894, Cl. 148-1.500.
- Su, Taian: *See—*
  - Tarbox, Bruce H.; Rathbun, Donald J.; and Su, Taian, 4,554,598, Cl. 360-48.000.
- Su, Wen-Kuang. Foldable clock dial. 4,494,880, 1-22-85, Cl. 368-232.000.
- Suarez, Adoracion F.: *See—*
  - Manderino, George L.; and Suarez, Adoracion F., 4,515,890, Cl. 435-7.000.
- Suarez, Benjamin D. Baseball game. 4,516,775, 5-14-85, Cl. 273-89.000.
- Suarez, Diego R. Container and handling apparatus therefor. 4,527,939, 7-9-85, Cl. 414-382.000.
- Suarez, Jose I.; Irwin, James S.; and Shepherd, Wayne P., to Motorola, Inc. Frequency synthesizer with improved priority channel switching. 4,559,505, 12-17-85, Cl. 331-1.00A.
- Suarez, Jose I.: *See—*
  - Popek, Marc H.; and Suarez, Jose I., 4,494,090, Cl. 332-16.00T.
- Suave Shoe Corporation: *See—*
  - Pita, Frank J.; and Pineda, Noel R., 4,529,369, Cl. 425-119.000.
- Subat, Gerhard: *See—*
  - Eschmann, Friedrich; Gelsdorf, Gunter; Nold, Peter; Staats, Gotthard; and Subat, Gerhard, 4,508,504, Cl. 432-217.000.
- Subich, Vadim N.: *See—*
  - Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.
- Sublett, Michael D.: *See—*
  - Blewett, Charles W.; and Sublett, Michael D., 4,496,758, Cl. 560-112.000.
- Sublette, Jerry M.: *See—*
  - Simi, Victor M.; and Sublette, Jerry M., 4,495,554, Cl. 363-21.000.
- Sublette, John D., to GTE Business Communication Systems Inc. Current regulated pulse dialer with memory retention circuit. 4,527,016, 7-2-85, Cl. 179-90.00B.
- Submicron, Inc.: *See—*
  - Czerlinski, George H., 4,520,249, Cl. 219-10.49R.
- Subramanian, Naranammalpuram S. Pressure cookers having vent means. 4,534,485, 8-13-85, Cl. 220-203.000.
- Subramanian, Narayanan S., to Du Pont de Nemours, E. I., and Company. Process for making random ethylene/alkyl acrylate copolymers. 4,520,183, 5-28-85, Cl. 526-318.000.
- Subramanyam, Vinayakam; and Rajeckas, Algis, to Du Pont de Nemours, E. I., and Company. Cationic cyanato and thiocyanato complexes useful as radiodiagnostic agents. 4,526,776, 7-2-85, Cl. 424-1.100.
- Subrick, Joseph: *See—*
  - Korpela, Thomas; and Subrick, Joseph, 4,498,816, Cl. 405-259.000.
- Subsara, William P.; and Levonius, Michael R., to Gam Rad, Inc. Ion responsive probe. 4,543,175, 9-24-85, Cl. 204-400.000.
- Subscan Systems Ltd.: *See—*
  - Douglas, Brian, 4,537,136, Cl. 104-138.00G.
- Suburban Tool, Inc.: *See—*
  - Bailey, Donald H., 4,542,473, Cl. 364-560.000.
- Suburban Welders Supply Co., Inc.: *See—*
  - Worsely, Paul A., 4,491,720, Cl. 219-136.000.
- Sucato, Edward. Baffle for canteens to prevent liquid splashing sounds. 4,550,848, 11-5-85, Cl. 220-22.000.
- Such, Christopher H.: *See—*
  - Irvine, Antony J.; Leary, Bruce; and Such, Christopher H., 4,504,618, Cl. 524-457.000.
- Suchdev, Jagan N., to General Motors Corporation. Piston cooling oil delivery tube assembly. 4,508,065, 4-2-85, Cl. 123-41.350.
- Sucheski, Matthew M.: *See—*
  - Kandybowski, Steven J.; and Sucheski, Matthew M., 4,536,055, Cl. 339-258.00R.
- Suchomel, Robert R.: *See—*
  - Rigby, Eugene B.; Scheidecker, Ralph W.; and Suchomel, Robert R., 4,552,710, Cl. 264-64.000.

- Suchy, Milos: *See—*
  - Dorn, Franz; Montavon, Francois; and Suchy, Milos, 4,556,661, Cl. 514-277.000.
  - Frater, Georg, Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,526,609, Cl. 71-118.000.
  - Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,545,807, Cl. 71-92.000.
  - Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,556,413, Cl. 71-94.000.
- Suciu, Gabriel L.: *See—*
  - Mortimer, Thomas P.; and Suciu, Gabriel L., 4,546,605, Cl. 60-226.100.
- Suciu, George D.; Kwon, Joon T.; and Shaban, Atef M., to Lummus Company, The. Production of halohydrins. 4,496,777, 1-29-85, Cl. 568-850.000.
- Suciu, George D.; and Kwon, Joon T., to Lummus Company, The. Hydrolysis of nitriles to amides with quaternary ammonium hydroxide. 4,503,231, 3-5-85, Cl. 546-317.000.
- Suciu, George D.; Stefani, Giancarlo; and Fumagalli, Carlo, to Lummus Company, The; and Alusuisse Italia S.p.A. Catalysts containing mixed oxides of vanadium and phosphorus. 4,510,258, 4-9-85, Cl. 502-209.000.
- Suciu, George D.; Stefani, Giancarlo; and Fumagalli, Carlo, to Lummus Company, The; and Alusuisse Italia S.p.A. Catalysts containing mixed oxides of vanadium, phosphorus, and aluminum and/or boron. 4,511,670, 4-16-85, Cl. 502-209.000.
- Suciu, George D.: *See—*
  - Chen, Jamin; Khonsari, Ali M.; and Suciu, George D., 4,504,364, Cl. 203-45.000.
  - Khonsari, Ali M.; and Suciu, George D., 4,532,012, Cl. 203-53.000.
  - Kwon, Joon T.; and Suciu, George D., 4,496,753, Cl. 549-521.000.
- Suckow, Klaus, to Stahlkonstruktionen Suckow & Fischer. Releasable resilient mounting assembly for panel members. 4,520,607, 6-4-85, Cl. 52-489.000.
- Suconick, David J.: *See—*
  - Gantley, Francis C.; Chervenic, Jack; and Suconick, David J., 4,558,171, Cl. 174-52.0FP.
- Sucro, Jost S.; Moyer, Ted A.; and Shufflebarger, William S., to General Motors Corporation. Windshield wiper transmission. 4,520,689, 6-4-85, Cl. 74-595.000.
- Sucrow, Wolfgang; Schatull, Wolfgang; and Fuss, Peter, to Merck Patent Gesellschaft mit beschrankter Haftung. Liquid crystalline piperidine derivatives. 4,537,698, 8-27-85, Cl. 252-299.610.
- Sud Chemie Aktiengesellschaft: *See—*
  - Buckl, Hans, 4,508,838, Cl. 502-62.000.
  - Schneider, Michael; Kochloefl, Karel; and Ladebeck, Jurgen, 4,535,071, Cl. 502-342.000.
- Sud, Rahul; and Hardee, Kim C., to Inmos Corporation. Bootstrap driver circuits for an MOS memory. 4,500,799, 2-19-85, Cl. 307-449.000.
- Sud, Rahul: *See—*
  - Hardee, Kim C.; and Sud, Rahul, 4,494,221, Cl. 365-203.000.
- Suda, Hideaki: *See—*
  - Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, 4,542,067, Cl. 428-237.000.
- Suda, Hisao: *See—*
  - Niibori, Kenji; and Suda, Hisao, 4,494,707, Cl. 242-67.200.
- Suda, Kaoru: *See—*
  - Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, 4,516,221, Cl. 364-900.000.
- Suda, Kazuyoshi: *See—*
  - Hoshino, Yuji; Endou, Hajime; and Suda, Kazuyoshi, 4,558,568, Cl. 60-641.500.
- Suda, Kenichi; Tamaki, Katsuyuki; Tateishi, Kazushi; and Abe, Kohichiroh, to Tokyo Shibaura Denki Kabushiki Kaisha; and Teac Corporation. Video tape recorder. 4,492,994, 1-8-85, Cl. 360-85.000.
- Suda, Masaru: *See—*
  - Uchida, Katsutoshi; Izumida, Hisashi; Kawana, Kofu; and Suda, Masaru, 4,529,960, Cl. 338-309.000.
- Suda, Masashi: *See—*
  - Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.
  - Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.
- Suda, Michael: *See—*
  - Kwentus, Gerald K.; and Suda, Michael, 4,501,907, Cl. 549-259.000.
- Suda, Seiji: *See—*
  - Amano, Matsuo; Sakamoto, Shinichi; Miki, Masayuki; Sasayama, Takao; Suda, Seiji; Mouri, Yasunori; and Ishii, Toshio, 4,523,284, Cl. 364-431.120.
- Suda, Tatsuo: *See—*
  - Takayama, Hiroaki; Yamada, Sachiko; Nakayama, Keiko; and Suda, Tatsuo, 4,517,125, Cl. 260-397.200.
- Suda, Teruo: *See—*
  - Akiba, Yutaka; Futami, Toshio; and Suda, Teruo, 4,546,210, Cl. 174-114.00R.
- Suda, Toshi: *See—*
  - Ninomiya, Masakazu; Suda, Toshi; Omori, Norio; Akiyama, Susumu; and Fukaya, Hiroyasu, 4,510,910, Cl. 123-486.000.
- Suda, Tsuyoshi: *See—*
  - Yamada, Shunsuke; Kawate, Kenji; Ono, Takashi; Arakawa, Hideo; and Suda, Tsuyoshi, 4,496,312, Cl. 432-11.000.
- Suda, Yasuo; Alyfuku, Kiyoshi; Sunouchi, Akio; and Suzuki, Nobuyuki, to Canon Kabushiki Kaisha. Light measurement compensation device for camera. 4,552,446, 11-12-85, Cl. 354-429.000.
- Suda, Yasuo; Akashi, Akira; Ishizaki, Akira; Hiramatsu, Akira; and Ohtaka, Keiji, to Canon Kabushiki Kaisha. Focus detecting device for a camera. 4,555,169, 11-26-85, Cl. 354-407.000.
- Suda, Yoshiyuki; Yokoyama, Katsunori; and Tanuma, Chiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Piezoelectric displacing device. 4,510,412, 4-9-85, Cl. 310-328.000.
- Suda, Yoshiyuki: *See—*
  - Tanuma, Chiaki; Yokoyama, Katsunori; and Suda, Yoshiyuki, 4,554,586, Cl. 358-213.000.
- Sudbeck, Rainer; and Baumgartner, Hans, to Pierburg GmbH & Co., KG. Rotary vane pump with clutch. 4,514,153, 4-30-85, Cl. 418-69.000.
- Sudbeck, Rainer; Baumgartner, Hans; and Brandstadter, Manfred, to Pierburg GmbH & Co., KG. Rotary spiral wall pump with pivotably connected guide means and associated method. 4,526,521, 7-2-85, Cl. 418-55.000.
- Sudbeck, Rainer; Baumgartner, Hans; and Brandstadter, Manfred, to Pierburg GmbH & Co., KG. Positive displacement rotary gas compressor pump. 4,531,899, 7-30-85, Cl. 418-59.000.
- Sudbeck, Rainer: *See—*
  - Baumgartner, Hans; and Sudbeck, Rainer, 4,508,089, Cl. 123-559.000.
- Sudbury, Barry A.: *See—*
  - Choy, Clement K.; and Sudbury, Barry A., 4,561,993, Cl. 252-174.250.
- Sudderth, R. Brantley: *See—*
  - Kordosky, Gary A.; MacKay, Kenneth D.; Sudderth, R. Brantley; and Sierakoski, Joseph M., 4,507,268, Cl. 423-24.000.
  - Kordosky, Gary A.; Sudderth, R. Brantley; Sierakoski, J. Michael; and MacKay, Kenneth D., 4,544,532, Cl. 423-24.000.
- Suddeutsche Kuhlerfabrik Julius Fr. Behr GmbH & Co. KG: *See—*
  - Ingelmann, Hans-Joachim; and Kampf, Hans, 4,543,802, Cl. 62-525.000.
  - Waldmann, Heinrich; Halder, Prasanta; Volz, Wolfgang; and Stolz, Albert, 4,559,994, Cl. 165-41.000.
- SUDHAUS Schloss- und Beschlagtechnik GmbH & Co.: *See—*
  - Siegert, Gunter; and Rasch, Ulf, 4,508,202, Cl. 190-115.000.
- Sudo, Chuzo: *See—*
  - Tsukamoto, Takashi; Sudo, Chuzo; Aihara, Kenji; and Nishimura, Syozi, 4,525,598, Cl. 174-128.00R.
- Sudo, Fumio; Fujii, Tetsuya; Kato, Yoshiei; Yamada, Sumio; and Emoto, Kanji, to Kawasaki Steel Corporation. Process of making steel in converter using a great amount of iron-bearing cold material. 4,543,125, 9-24-85, Cl. 75-51.500.
- Sudo, Fumio: *See—*
  - Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.
- Sudo, Kunikane: *See—*
  - Yamamoto, Toshiki; Kiriu, Yukio; Tsuneoka, Akira; and Sudo, Kunikane, 4,556,099, Cl. 164-451.000.
- Sudo, Masatoshi; Hori, Hiromi; Iwai, Takafusa; Ohtomo, Akinori; and Takai, Denei, to Kabushiki Kaisha Kobe Seiko Sho. High strength steel plate and method for manufacturing same. 4,501,626, 2-26-85, Cl. 148-36.000.
- Sudo, Tadashi: *See—*
  - Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, 4,515,785, Cl. 424-195.100.
  - Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, 4,537,774, Cl. 424-195.100.
- Sudo, Takeshi: *See—*
  - Uehara, Makoto; Sudo, Takeshi; and Kanatani, Fujio, 4,558,949, Cl. 356-152.000.
- Sudo, Yoshimi: *See—*
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,601, Cl. 521-58.000.
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,653, Cl. 528-491.000.
- Sudoh, Chuzoh; Hagita, Hyoji; Asakawa, Motoo; Nagai, Hiroshi; and Aihara, Kenji, to Sumitomo Metal Industries, Ltd. Apparatus for dry type continuous wire drawing. 4,545,227, 10-8-85, Cl. 72-12.000.
- Sudoh, Chuzoh; Hagita, Hyoji; and Fujii, Satoru, to Sumitomo Metal Industries, Ltd. Dry type continuous wire drawing process. 4,553,416, 11-19-85, Cl. 72-40.000.
- Sudrabin, David A., to Fibrestone Incorporated. Horizontally poured Fibrestone building construction. 4,554,124, 11-19-85, Cl. 264-263.000.
- Sudreau, Bernard: *See—*
  - de Sivry, Bruno; Sudreau, Bernard; Jegousse, Michel; and Le Hir, Yves, 4,493,966, Cl. 219-121.0EC.
- Sudweeks, E. M.: *See—*
  - Moon, Nancy J.; Ely, Lane O.; and Sudweeks, E. M., 4,528,199, Cl. 426-53.000.
- Sudweeks, Walter B.: *See—*
  - Lawrence, Larry D.; Sudweeks, Walter B.; and Larsen, Raymond D., 4,526,633, Cl. 149-109.600.
- Sue, Takaji; and Sugie, Masatoshi, to Richo Company, Ltd. Recording paper feeding apparatus. 4,560,990, 12-24-85, Cl. 346-17.000.
- Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, to Canon Kabushiki Kaisha. Image information transmission system. 4,549,219, 10-22-85, Cl. 358-257.000.

Sue, Yasuhiko: *See—*
- Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, 4,547,628, Cl. 178-2.00B.

Sueda, Noriyoshi: *See—*
- Otake, Noboru; Seto, Haruo; Sasaki, Tetsuo; Sugita, Masanori; Natori, Yohei; and Sueda, Noriyoshi, 4,521,339, Cl. 260-239.30B.
- Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.

Sueddeutsche Kuehlerfabrik Julius Fr. Behr GmbH & Co. KG: *See—*
- Hummel, Karl-Ernst; Humpolik, Bohumil; Ingelmann, Hans-Joachim; and Staffa, Karl-Heinz, 4,524,823, Cl. 165-174.000.
- Humpolik, Bohumil; and Staffa, Karl-Heinz, 4,513,587, Cl. 62-515.000.
- Humpolik, Bohumil; and Kluna, Vlastimil, 4,531,577, Cl. 165-150.000.
- Lenz, Werner, 4,540,044, Cl. 165-149.000.
- Martin, Hans, 4,505,367, Cl. 192-58.00B.
- Martin, Hans; and Stuetz, Gerhard, 4,556,138, Cl. 192-58.00B.
- Nonnenmann, Manfred; Hesse, Wolfgang; Haller, Klaus; and Bardong, Helmut, 4,519,120, Cl. 29-157.00R.
- Winterer, Wilfried, 4,502,297, Cl. 62-515.000.

SueddeutscheKuhlerfabrik Julius Fr. Behr GmbH & Co. KG: *See—*
- Nonnenmann, Manfred; Oltmanns, Heinrich; and Hohhausel, Manfred, 4,521,947, Cl. 29-157.00R.

Suefuji, Kazutaka: *See—*
- Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.

Suefuji, Masahiro: *See—*
- Misaki, Susumu; Ishii, Sadamu; and Suefuji, Masahiro, 4,524,032, Cl. 260-465.00F.

Suehiro, Hiroshi: *See—*
- Kozima, Yasuyuki; Sato, Kunio; Tadauchi, Masaharu; Suehiro, Hiroshi; and Inoue, Yasuo, 4,543,644, Cl. 364-900.000.

Suehiro, Tetsuro: *See—*
- Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.

Suehiro, Tsutomu: *See—*
- Itatani, Hiroshi; Kashima, Mikito; and Suehiro, Tsutomu, 4,539,423, Cl. 560-204.000.

Suehisa, Shiro; and Kajiwara, Hideki, to Joto Chemical Company, Ltd. Mixing device. 4,545,685, 10-8-85, Cl. 366-144.000.

Sueishi, Motoharu; and Nakamura, Mitsuo, to Nippondenso Co., Ltd. Fuel injection system for internal combustion engine. 4,503,827, 3-12-85, Cl. 123-478.000.

Suek, Edmond L., to Mobil Oil Corporation. Blends of polyvinyl chloride and copolymers containing para-methyl styrene and acrylonitrile having improved clarity. 4,507,435, 3-26-85, Cl. 525-86.000.

Suekane, Yasuhiro: *See—*
- Noda, Ichiro; Suekane, Yasuhiro; and Nakao, Hisao, 4,512,889, Cl. 210-225.000.

Suematsu, Koshi: *See—*
- Imai, Eiichi; Takenouchi, Masanori; Uchiyama, Masaki; and Suematsu, Koshi, 4,554,234, Cl. 430-122.000.

Suematsu, Koushi: *See—*
- Hasegawa, Tetsuo; and Suematsu, Koushi, 4,555,467, Cl. 430-110.000.
- Ohsaki, Ichiro; Hasegawa, Tetsuo; and Suematsu, Koushi, 4,533,616, Cl. 430-110.000.

Suematsu, Toshio: *See—*
- Ito, Yoshiyasu; Suematsu, Toshio; Takeda, Yuji; and Anzai, Katsushi, 4,545,349, Cl. 123-339.000.

Suemitsu, Yukimasa; Nakajima, Kazutsugu; Naka, Ryoichi; and Goshi, Hiroo, to Nippon Steel Corporation. Process for electrolytically removing metal deposit from a non-plated surface of a single surface-plated metal strip. 4,548,685, 10-22-85, Cl. 204-146.000.

Suenaga, Hideo: *See—*
- Sugiyama, Toshio; Suenaga, Hideo; and Fukui, Yukio, 4,525,823, Cl. 369-44.000.
- Sugiyama, Toshio; and Suenaga, Hideo, 4,532,619, Cl. 369-106.000.

Suenaga, Kazuyuki, to Victor Company of Japan, Ltd. FM demodulating circuit having an insensitive frequency point. 4,559,566, 12-17-85, Cl. 358-342.000.

Suenaga, Kazuyuki: *See—*
- Aoike, Hitoshi; Machida, Toyotaka; Kumazaki, Toshimasa; and Suenaga, Kazuyuki, 4,491,876, Cl. 358-330.000.

Suenaga, Masahide; Chida, Kousaku; and Ohura, Masaki, to Hitachi, Ltd. Magnetoresistive head. 4,556,925, 12-3-85, Cl. 360-113.000.

Suenaga, Masahide: *See—*
- Kawakami, Kanji; Narishige, Shinji; and Suenaga, Masahide, 4,503,394, Cl. 324-252.000.

Suenaga, Nobuyuki: *See—*
- Inoue, Hitosi; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,535,458, Cl. 372-25.000.
- Sekine, Kunio; Kaneda, Michihiro; Shinokura, Kiichiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,497,319, Cl. 128-303.100.
- Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,532,400, Cl. 219-121.0LS.
- Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,550,240, Cl. 219-121.0LS.

Suenaga, Norihiro: *See—*
- Inoue, Hitosi; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,535,458, Cl. 372-25.000.
- Sekine, Kunio; Kaneda, Michihiro; Shinokura, Kiichiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,497,319, Cl. 128-303.100.
- Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,532,400, Cl. 219-121.0LS.
- Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, 4,550,240, Cl. 219-121.0LS.

Suenaga, Takashi: *See—*
- Aramaki, Minoru; Kobayashi, Yoshiyuki; Nakamura, Tamio; Nakano, Hisaji; and Suenaga, Takashi, 4,543,242, Cl. 423-406.000.

Suerken, Hans-Peter: *See—*
- Amort, Jurgen; Hanisch, Horst; Klapdor, Ute; van der Maas, Hendrikus; and Suerken, Hans-Peter, 4,540,777, Cl. 536-102.000.

Sues, John M.; and Cupani, Carmine, to Inteleplex Corporation. The Transparent secondary information transmission system for an information transmission system. 4,493,948, 1-15-85, Cl. 179-2.00A.

Sueshige, Hiroshi: *See—*
- Ogano, Takeo; Sueshige, Hiroshi; and Hatakeyama, Sakichi, 4,514,917, Cl. 37-249.000.

Suetomo, Shigeru: *See—*
- Azuma, Noriharu; and Suetomo, Shigeru, 4,540,480, Cl. 208-44.000.

Suetterlin, Dieter: *See—*
- Sporkenbach, Gustav-Adolf; and Suetterlin, Dieter, 4,493,805, Cl. 264-25.000.

Suetterlin, Norbert; Arndt, Peter J.; Heil, Ernst; Siol, Werner; Tilch, Willi; and Wopker, Wilhelm, to Rohm GmbH. Emulsion polymers for modifying impact strength. 4,513,118, 4-23-85, Cl. 525-81.000.

Suetterlin, Norbert: *See—*
- Fink, Herbert; Huebner, Klaus; Markert, Gerhard; and Suetterlin, Norbert, 4,542,175, Cl. 524-516.000.
- Siol, Werner; Klesse, Wolfgang; Suetterlin, Norbert; and Rauch, Hubert, 4,539,361, Cl. 524-458.000.

Suevia Haiges GmbH & Co.: *See—*
- Haiges, Adolf, 4,561,633, Cl. 251-339.000.
- Haiges, Frank, 4,494,483, Cl. 119-77.000.

Sueyasu, Masanobu: *See—*
- Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; Furujho, Sakae; Okane, Kohji; and Anezaki, Shoji, 4,522,650, Cl. 75-48.000.
- Okane, Kohji; Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; and Manago, Takashi, 4,541,617, Cl. 266-65.000.
- Tanoue, Toyosuke; Sueyasu, Masanobu; Fukuda, Mitsuichiro; and Matsuo, Tohru, 4,545,786, Cl. 48-92.000.

Sueyasu, Seisuke: *See—*
- Yoda, Yasutada; Sueyasu, Seisuke; and Futamura, Shoji, 4,553,918, Cl. 425-46.000.

Sueyoshi, Masahiko: *See—*
- Fukamachi, Masaaki; and Sueyoshi, Masahiko, 4,506,216, Cl. 324-166.000.

Sueyoshi, Susumu: *See—*
- Ozawa, Akio; Sueyoshi, Susumu; Sato, Keishi; Ishikawa, Kikuo; Yatsuhashi, Kiyomi; Ishii, Satoshi; and Yumino, Masamichi, 4,540,951, Cl. 330-267.000.

Suezawa, Mitsuru: *See—*
- Kitamura, Kazuo; and Suezawa, Mitsuru, 4,551,516, Cl. 528-18.000.

Suffa, Hilmar, to Dorst Maschinen-und Anlagenbau Otto Dorst und Dipl.-Ing. Walter Schlegel & Co. Press for manufacturing plates, etc. 4,518,341, 5-21-85, Cl. 425-405.00H.

Suffi, Louis; Golden, James E.; and Jaycox, Donald F., to Northern Telecom Limited. Aerial cable terminal. 4,513,171, 4-23-85, Cl. 174-41.000.

Suga, Akira: *See—*
- Hashimoto, Seiji; Tanaka, Nobuyoshi; Suga, Akira; and Kuwayama, Tetsuro, 4,500,913, Cl. 358-44.000.
- Hashimoto, Seiji; Suga, Akira; and Tanaka, Nobuyoshi, 4,525,737, Cl. 358-44.000.

Suga, Hiroyuki: *See—*
- Ohashi, Shigeo; and Suga, Hiroyuki, 4,535,534, Cl. 29-832.000.

Suga, Masaaki, to Nissan Motor Company, Limited. Hydraulically controlled automatic transmission. 4,531,433, 7-30-85, Cl. 74-869.000.

Suga, Masaaki; Morimoto, Yoshiro; Hamada, Hideo; Futagi, Masaaki; and Suzuki, Tadashi, to Nissan Motor Company, Limited. Lock-up control system for lock-up type automatic transmission. 4,539,869, 9-10-85, Cl. 74-866.000.

Suga, Masaaki: *See—*
- Murasugi, Takashi; Morimoto, Yoshiro; Suga, Masaaki; and Niikura, Yasuhiro, 4,560,043, Cl. 192-3.310.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Futagi, Masaaki, 4,499,979, Cl. 192-3.310.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,503,956, Cl. 192-3.310.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,509,124, Cl. 364-424.100.
- Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, 4,539,643, Cl. 364-431.090.

Suga, Michihisa; and Tsuzuki, Mitsuo, to Nippon Electric Co., Ltd. Printer head for an ink-on-demand type ink-jet printer. 4,514,742, 4-30-85, Cl. 346-140.00R.

Suga, Noriyoshi: *See—*
- Andow, Fumio; Okita, Yuji; and Suga, Noriyoshi, 4,507,700, Cl. 361-80.000.

Suga, Shigeru. Device for testing combustability. 4,519,716, 5-28-85, Cl. 374-8.000.

Suga, Shigeru. Apparatus for testing light fastness of a material. 4,544,995, 10-1-85, Cl. 362-225.000.

Suga, Tateo; Tamura, Hiroshi; Taguchi, Masaaki; and Suzuki, Tokio, to Yokogawa Hokushin Electric Corporation. Recorder with self loading feed. 4,560,995, 12-24-85, Cl. 346-136.000.

Suga, Tetsuo: *See—*

Kobayashi, Minoru; Sakai, Yoshiya; Minato, Shoji; Ooe, Tsuguo; Arai, Katsumi; and Suga, Tetsuo, 4,510,374, Cl. 219-146.100.

Suga, Yoshinori: *See—*

Kakogawa, Genjiro; Hasuo, Masayoshi; Suga, Yoshinori; and Kojima, Kazuhisa, 4,507,450, Cl. 526-128.000.

Sugahara, Kenshi; Yasuda, Kazuo; and Mori, Junji, to Hitachi, Ltd. Liquid film type, anion-selective electrode. 4,519,891, 5-28-85, Cl. 204-418.000.

Sugahara, Takayuki: *See—*

Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.

Sugai, Hiroshi: *See—*

Ninomiya, Hisakazu; Ibori, Satoshi; Nagase, Hiroshi; Igarashi, Sadayuki; and Sugai, Hiroshi, 4,516,065, Cl. 318-811.000.

Sugai, Kazuyoshi: *See—*

Mikoshiba, Nobuo; Tsubouchi, Kazuo; and Sugai, Kazuyoshi, 4,511,816, Cl. 310-313.00A.

Mikoshiba, Nobuo; Tsubouchi, Kazuo; and Sugai, Kazuyoshi, 4,516,049, Cl. 310-313.00A.

Sugai, Makio: *See—*

Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.

Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.

Sugai, Manabu; Kagohashi, Yasuyoshi; and Aoki, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Magnetic recording and reproducing apparatus. 4,541,589, 9-17-85, Cl. 242-200.000.

Sugai, Toshiji: *See—*

Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.

Sugalski, Raymond K., to General Electric Company. Rechargeable electrochemical cell having improved current collector means. 4,529,675, 7-16-85, Cl. 429-94.000.

Sugalski, Raymond K., to General Electric Company. Means for presenting an electrode of a rechargeable electrochemical cell to a winding arbor. 4,539,746, 9-10-85, Cl. 29-730.000.

Sugalski, Raymond K.; and Strickland, John J., to General Electric Company. Method for winding an electrode assembly. 4,559,700, 12-24-85, Cl. 29-623.100.

Sugama, Toshifumi; Kukacka, Lawrence E.; and Horn, William H., to United States of America, Energy. Electropositive bivalent metallic ion unsaturated polyester complexed polymer concrete. 4,540,726, 9-10-85, Cl. 523-505.000.

Sugamori, Shigeru, to Takeda Riken Co., Ltd. IC tester. 4,497,056, 1-29-85, Cl. 371-25.000.

Sugano, Haruo: *See—*

Yoshida, Mitsuaki; Sugano, Haruo; Shimizu, Fumio; and Imagawa, Kenichi, 4,525,300, Cl. 260-112.50R.

Sugano, Hiroshi: *See—*

Yamaguchi, Nobuyuki; and Sugano, Hiroshi, 4,540,335, Cl. 415-129.000.

Sugano, Katsumi: *See—*

Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, 4,504,208, Cl. 425-589.000.

Sugano, Kazuhiko, to Nissan Motor Company, Limited. Hydraulic control system for automatic transmission. 4,501,174, 2-26-85, Cl. 74-869.000.

Sugano, Kazuhiko, to Nissan Motor Company, Limited. Hydraulic control system for automatic transmission. 4,532,829, 8-6-85, Cl. 74-869.000.

Sugano, Kazuhiko, to Nissan Motor Company, Limited. Hydraulic control system for automatic transmission. 4,539,870, 9-10-85, Cl. 74-869.000.

Sugano, Kazuhiko, to Nissan Motor Company, Limited. Hydraulic control system for automatic transmission with shockless 4–3 shifting as well as shockless 2–3 shifting. 4,555,964, 12-3-85, Cl. 74-869.000.

Sugano, Kazuhiko, to Nissan Motor Company, Limited. Lock-up clutch control valve assembly. 4,561,528, 12-31-85, Cl. 192-0.052.

Sugano, Motoshi: *See—*

Ohta, Tomozo; Tsutsumi, Yoshio; and Sugano, Motoshi, 4,531,148, Cl. 358-21.00R.

Sugano, Shunji; Hagiwara, Koichi; Miura, Isao; and Honto, Akira, to Negami Chemical Industrial Co., Ltd.; and Toshiba Silicone Co., Ltd. Primer composition. 4,543,404, 9-24-85, Cl. 528-26.000.

Suganuma, Nobuo; Tanaka, Kensuke; Takada, Nobuyuki; and Ichikawa, Hiromichi, to Lion Corporation. Toothpaste composition. 4,556,553, 12-3-85, Cl. 424-52.000.

Suganuma, Saburo; and Kataoka, Hiroyuki, to Fuji Xerox Co., Ltd. Apparatus for combining information from different forms to generate composite slips. 4,521,096, 6-4-85, Cl. 355-3.00R.

Suganuma, Saburo; Kataoka, Hiroyuki; and Arai, Yoshio, to Fuji Xerox Co., Ltd. Method of processing documents. 4,542,378, 9-17-85, Cl. 340-734.000.

Suganuma, Tadao, to Elionix, Inc. Method and apparatus for handling charged particle beam. 4,554,452, 11-19-85, Cl. 250-310.000.

Suganuma, Takashi: *See—*

Chiba, Tomosuke; Kato, Hiroshi; and Suganuma, Takashi, 4,543,510, Cl. 313-477.00R.

Suganuma, Testuya: *See—*

Kazuoka, Koji; Suganuma, Testuya; Motooka, Naoki; and Kuroishi, Nobuhito, 4,546,737, Cl. 123-188.00S.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; and Okujo, Takeshi, to Toyota Jidosha Kabushiki Kaisha. Anti-wear sintered alloy and manufacturing process thereof. 4,491,477, 1-1-85, Cl. 75-230.000.

Suganuma, Tetsuya; and Kazuoka, Koji, to Toyota Jidosha Kabushiki Kaisha. Method for manufacturing a slide member. 4,518,563, 5-21-85, Cl. 419-29.000.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi, to Toyota Jidosha Kabushiki Kaisha. Method for manufacturing a cam-cam shaft assembly. 4,524,046, 6-18-85, Cl. 419-8.000.

Suganuma, Tsuneo: *See—*

Matsumura, Hiroyoshi; Katsuyama, Toshio; and Suganuma, Tsuneo, 4,505,729, Cl. 65-3.110.

Sugar, Joseph, to Hughes Aircraft Company. Surface-metalized, bonded fuse with mechanically-stabilized end caps. 4,540,969, 9-10-85, Cl. 337-232.000.

Sugar Research Limited: *See—*

Reichard, Stefan R., 4,538,451, Cl. 73-61.00R.

Sugarbaker, Daniel L.: *See—*

LaSarge, Eugene A.; Schermers, Franciscus; and Sugarbaker, Daniel L., 4,507,737, Cl. 364-453.000.

Sugars, John A., to International Telephone and Telegraph Corporation. Electrical connector contact retention assembly. 4,555,154, 11-26-85, Cl. 339-59.00R.

Sugasawa, Tsutomu; Toyoda, Tatsuo; and Sasakura, Kazuyuki, to Shionogi & Co., Ltd. Process for production of 2-haloacetylphenols. 4,551,554, 11-5-85, Cl. 568-322.000.

Sugasawa, Tsutomu; Adachi, Makoto; Sasakura, Kazuyuki; Matsushita, Akira; and Eigyo, Masami, to Shionogi & Co., Ltd. 1,4-benzodiazepine derivatives. 4,560,684, 12-24-85, Cl. 514-221.000.

Sugavanam, Balasubramanyan, to Imperial Chemical Industries PLC. Triazole and imidazole compounds useful as fungicides and plant growth regulators. 4,507,140, 3-26-85, Cl. 71-76.000.

Sugawara, Akinobu: *See—*

Tanaka, Kenji; Sugawara, Akinobu; and Yamawaki, Takashi, 4,550,143, Cl. 525-240.000.

Sugawara, Fukuo, to Alps Electric Co., Ltd. Multi-color pen recording device. 4,517,576, 5-14-85, Cl. 346-139.00R.

Sugawara, Fukuo; and Iwane, Yasuhiko, to Alps Electric Co., Ltd. Printer with multiple type groups. 4,560,294, 12-24-85, Cl. 400-145.000.

Sugawara, Hiroshi: *See—*

Kondo, Kiyohiro; Sugawara, Hiroshi; and Hasebe, Nobuyuki, 4,562,238, Cl. 528-18.000.

Sugawara, Hiroyuki: *See—*

Kuwabara, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Sasaki, Kouji, 4,500,998, Cl. 372-61.000.

Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, 4,541,097, Cl. 372-87.000.

Ouhata, Koukichi; and Sugawara, Hiroyuki, 4,503,357, Cl. 315-1.000.

Sugawara, Katuo: *See—*

Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.

Sugawara, Kazunori: *See—*

Toriyabe, Tetsuo; Ooya, Kunihiko; Nogami, Akira; and Sugawara, Kazunori, 4,531,626, Cl. 198-347.000.

Sugawara, Kokichi: *See—*

Nemoto, Tsuneo; and Sugawara, Kokichi, 4,524,926, Cl. 242-198.000.

Sugawara, Koko: *See—*

Kawaguchi, Hiroshi; Konishi, Masataka; Sugawara, Koko; and Tomita, Koji, 4,533,631, Cl. 435-70.000.

Konishi, Masataka; Sugawara, Koko; Miyaki, Takeo; and Kawaguchi, Hiroshi, 4,518,589, Cl. 514-27.000.

Sugawara, Mitsutoshi; Tokuda, Kazuo; and Sawataishi, Tokio, to NEC Corporation. Oscillator synchronized to a pulse. 4,562,412, 12-31-85, Cl. 331-53.000.

Sugawara, Norio; Nawa, Motoyuki; and Takahashi, Yutaka, to Matsushita Electric Industrial Co. Ltd. Flow direction controller. 4,556,172, 12-3-85, Cl. 239-590.500.

Sugawara, Saburo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Photometric device. 4,527,881, 7-9-85, Cl. 354-432.000.

Sugawara, Saburo, to Asahi Kogaku Kogyo Kabushiki Kaisha. Automatic focusing device for camera. 4,534,636, 8-13-85, Cl. 354-403.000.

Sugawara, Sakuo: *See—*

Hara, Masanori; Sugawara, Sakuo; Yamazaki, Kisuke; and Kasagi, Hiroshi, 4,557,247, Cl. 126-99.00R.

Hara, Masanori; and Sugawara, Sakuo, 4,561,422, Cl. 126-110.00R.

Sugawara, Shigeru, to Tenyo Company, Ltd. Penetration-through-wall magic set. 4,552,355, 11-12-85, Cl. 272-8.00R.

Sugawara, Shinichi: *See—*

Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, 4,552,873, Cl. 514-210.000.

- Sugawara, Shuji: *See—*
  - Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji. 4,506,266, Cl. 343-715.000.
- Sugawara, Shungo: *See—*
  - Hoshino, Mitsutoshi; Terada, Akira; and Sugawara, Shungo. 4,529,659, Cl. 428-422.000.
- Sugawara, Syohel: *See—*
  - Takagi, Akihiro; Yamada, Shinichi; and Sugawara, Syohel. 4,543,574, Cl. 340-825.500.
- Sugawara, Takeshi: *See—*
  - Urano, Shigeru; Yamamoto, Kiyoshi; Takagi, Yoshiaki; and Sugawara, Takeshi. 4,505,988, Cl. 428-569.000.
- Sugawara, Toru; and Ito, Yasuyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Ion source apparatus. 4,506,160, 3-19-85, Cl. 250-427.000.
- Sugawara, Tsutomu, to Tokyo Shibaura Denki Kabushiki Kaisha. Sampling circuit. 4,559,457, 12-17-85, Cl. 307-352.000.
- Sugawara, Yoshitaka, to Hitachi, Ltd. High voltage resistance element. 4,553,125, 11-12-85, Cl. 338-283.000.
- Sugaya, Masami; Sawada, Daisaku; and Okawa, Susumu, to Toyota Jidosha Kabushiki Kaisha. Hydraulic apparatus for a continuously variable transmission. 4,551,119, 11-5-85, Cl. 474-28.000.
- Sugaya, Toshihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. System for detecting position of a read-write head in seek operation on a disk memory having data servo sectors. 4,499,511, 2-12-85, Cl. 360-78.000.
- Sugden, David B.; Waddell, Bruce A.; Kindsvater, James P.; and Moffat, Robert B., to Robbins Company, The. Mobile mining machine and method. 4,548,442, 10-22-85, Cl. 299-10.000.
- Sugerman, Gerald; and Monte, Salvatore J., to Kenrich Petrochemicals, Inc. Pyrophosphato titanate adducts. 4,512,928, 4-23-85, Cl. 260-410.90R.
- Suggitt, Robert M., to Texaco Development Corporation. Low ash pelleted carbon and process of preparation. 4,532,227, 7-30-85, Cl. 502-180.000.
- Suggs, Louis F. Wave and tide powered generation apparatus. 4,539,484, 9-3-85, Cl. 290-53.000.
- Sugherificio P. Careddu S.p.A.: *See—*
  - Careddu, Franco. 4,521,266, Cl. 156-242.000.
- Sugi, Hideki: *See—*
  - Matsumoto, Mutsumi; and Sugi, Hideki. 4,530,916, Cl. 502-209.000.
- Sugi, Hidekuni: *See—*
  - Kanayama, Kenji; and Sugi, Hidekuni. 4,500,806, Cl. 310-198.000.
- Sugi, Hikaru: *See—*
  - Fujiwara, Kenichi; Sugi, Hikaru; and Hasada, Eiichi. 4,545,213, Cl. 6 R-158.000.
- Sugi, Hiromi; Furumura, Kyozaburo; and Asai, Hiromitsu, to Nippon Seiko Kabushiki Kaisha. Construction of the mating sliding members in a linear feeding means. 4,491,373, 1-1-85, Cl. 308-5.00R.
- Sugi, Nagatoshi: *See—*
  - Kitahara, Shizuo; and Sugi, Nagatoshi. 4,525,541, Cl. 525-337.000.
  - Kitahara, Shizuo; Fujii, Toshihiro; and Sugi, Nagatoshi. 4,542,190, Cl. 525-332.600.
- Sugibuchi, Hiroyuki: *See—*
  - Akiba, Juji; Kobayashi, Satoru; and Sugibuchi, Hiroyuki. 4,549,171, Cl. 340-605.000.
- Sugie, Akihiko: *See—*
  - Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki. 4,493,846, Cl. 424-308.000.
  - Ono, Keiichi; Sugie, Akihiko; Muraoka, Masami; and Yamamoto, Michihiro. 4,537,989, Cl. 562-501.000.
- Sugie, Mamoru; Toyooka, Takashi; and Aoki, Hirokazu, to Hitachi, Ltd. Magnetic bubble memory device. 4,530,070, 7-16-85, Cl. 365-15.000.
- Sugie, Mamoru: *See—*
  - Toyooka, Takashi; Aoki, Hirokazu; and Sugie, Mamoru. 4,519,049, Cl. 365-12.000.
  - Toyooka, Takashi; Hirokazu, Aoki; Sugie, Mamoru; and Sugita, Yutaka. 4,538,242, Cl. 365-8.000.
- Sugie, Masatoshi, to Ricoh Company, Ltd. Facsimile communication method with anti-echo strategy. 4,519,081, 5-21-85, Cl. 371-57.000.
- Sugie, Masatoshi: *See—*
  - Sue, Takaji; and Sugie, Masatoshi. 4,560,990, Cl. 346-17.000.
- Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, to Toshiba Ceramics Co., Ltd.; and Nippon Steel Corporation. Porous ceramic structure. 4,530,864, 7-23-85, Cl. 428-35.000.
- Sugie, Toshinori; Ishikawa, Ryoichi; and Kobata, Fumihiro, to Dainippon Ink and Chemicals, Inc. Resin composition. 4,528,346, 7-9-85, Cl. 525-523.000.
- Sugie, Toshinori: *See—*
  - Kawabata, Juheiji; Inoue, Toshio; Sugie, Toshinori; and Kobata, Fumihiro. 4,507,468, Cl. 528-388.000.
- Sugie, Yutaka: *See—*
  - Furukawa, Genzo; Sugie, Yutaka; and Fujii, Masami. 4,507,015, Cl. 404-103.000.
  - Imahori, Jumpei; and Sugie, Yutaka. 4,523,542, Cl. 118-663.000.
- Sugier, Andre; Audibert, Francois; and Van Landeghem, Hugo, deceased (by Van Landeghem-Heynderickx, Renate, legal representative), to Institut Francais du Petrole. Process for operating highly exothermic reactions. 4,529,738, 7-16-85, Cl. 518-700.000.
- Sugier, Andre: *See—*
  - Quang, Dang V.; Sugier, Andre; Commereuc, Dominique; and Chauvin, Yves. 4,497,910, Cl. 518-700.000.
- Sugihara, Atsushi: *See—*
  - Suzuki, Masamichi; Sugihara, Atsushi; Sano, Tadaaki; and Suzuki, Toshihiro. 4,499,123, Cl. 427-282.000.
  - Yamawaki, Satoshi; Sugihara, Atsushi; Kobayashi, Yasushi; Ishida, Hiroshi; Kuramasu, Yukio; and Gotoh, Ichisei. 4,556,165, Cl. 228-223.000.
- Sugihara, Hironobu, to Kabushiki Kaisha AG. Radio controlled yacht and sail for the latter. 4,551,113, 11-5-85, Cl. 446-154.000.
- Sugihara, Hirosada; Nishikawa, Kohei; and Ito, Katsumi, to Takeda Chemical Industries, Ltd. 3-amino-4-oxo-2,3,4,5-tetrahydro-1,5-benzoxazepine derivatives. 4,548,932, 10-22-85, Cl. 514-211.000.
- Sugihara, Hirosada; Watanabe, Masazumi; Kawada, Mitsuru; and Imada, Isuke, to Takeda Chemical Industries, Ltd. Spirobenzofuranones and their use in treating peptic ulcers. 4,558,068, 12-10-85, Cl. 514-462.000.
- Sugihara, Hiroshi: *See—*
  - Kohmoto, Osamu; Takasugi, Yasufumi; Sugihara, Hiroshi; and Nishimatsu, Masaharu. 4,537,832, Cl. 428-216.000.
  - Saito, Seitoku; Izumi, Toshiaki; Kobuke, Takayoshi; and Sugihara, Hiroshi. 4,520,076, Cl. 428-611.000.
- Sugihara, Isao; Sagawa, Wataru; Ikegami, Tsukasa; and Shimizu, Tasuku, to Hitachi, Ltd. Heat-treating method of weld portion of piping system and heating coil for the heat treatment. 4,505,763, 3-19-85, Cl. 148-127.000.
- Sugihara, Kazuyoshi: *See—*
  - Tojo, Toru; and Sugihara, Kazuyoshi. 4,532,423, Cl. 250-310.000.
- Sugihara, Kunihiko: *See—*
  - Yoneda, Kenji; Sugihara, Kunihiko; and Ushimura, Sh[illegible]. 4,506,833, Cl. 239-533.400.
  - Yoneda, Kenji; and Sugihara, Kunihiko. 4,540,126, Cl. 239-533.400.
- Sugihara, Masahiro; Morishita, Etsuo; Hirai, Tetsuo; and Sekiya, Shin, to Mitsubishi Denki Kabushiki Kaisha. Turbine rotatable in one direction in a reciprocating flow. 4,533,292, 8-6-85, Cl. 415-2.00R.
- Sugihara, Masahiro: *See—*
  - Morishita, Etsuo; Sugihara, Masahiro; Inaba, Tsutomu; and Nakamura, Toshiyuki. 4,553,913, Cl. 418-55.000.
- Sugihara, Masanori, to Pioneer Electronic Corporation. Device for automatically stopping a tape recorder. 4,500,049, 2-19-85, Cl. 242-186.000.
- Sugihara, Masanori, to Pioneer Electronic Corporation. Mode switch operating device for tape recorder. 4,554,601, 11-19-85, Cl. 360-90.000.
- Sugihara, Taisuke: *See—*
  - Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide. 4,510,307, Cl. 544-283.000.
  - Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke. 4,525,589, Cl. 544-128.000.
  - Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; and Sugihara, Taisuke. 4,560,755, Cl. 544-363.000.
  - Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori. 4,533,731, Cl. 544-140.000.
  - Ibuki, Tadayuki; Sugihara, Taisuke; Kawakubo, Hiromu; and Sone, Takanori. 4,549,023, Cl. 546-199.000.
- Sugihara, Taizo; and Aoki, Tsuyoshi, to Chisso Corporation. Process for the production of pile-surfaced textile structures. 4,495,133, 1-22-85, Cl. 264-504.000.
- Sugihara, Takashi: *See—*
  - Miyoshi, Shuji; Sugihara, Takashi; Jinda, Akihito; and Hijikigawa, Masaya. 4,520,341, Cl. 338-35.000.
  - Miyoshi, Shuji; Sugihara, Takashi; and Hijikigawa, Masaya. 4,528,543, Cl. 338-35.000.
  - Miyoshi, Shuji; Sugihara, Takashi; and Hijikigawa, Masaya. 4,529,642, Cl. 428-201.000.
- Sugii, Hiroshi: *See—*
  - Ito, Kathuhiko; Sugii, Hiroshi; Takata, Yukito; and Kokubu, Kyoichiro. 4,526,765, Cl. 423-306.000.
- Sugii, Toshihiro: *See—*
  - Ito, Takashi; Sugii, Toshihiro; Fukano, Tetsu; and Horie, Hiroshi. 4,545,114, Cl. 29-579.000.
- Sugimori, Fumio; Nishino, Chikae; and Harao, Norio, to Tokyo Shibaura Denki Kabushiki Kaisha. Vacuum container of radiation image multiplier tube and method of manufacturing the same. 4,516,715, 5-14-85, Cl. 228-208.000.
- Sugimori, Hideo. Non-continuous sensing apparatus for a temperature control. 4,546,239, 10-8-85, Cl. 219-497.000.
- Sugimori, Masahiro: *See—*
  - Kishida, Kazuo; Hasegawa, Akira; and Sugimori, Masahiro. 4,508,875, Cl. 525-308.000.
  - Kishida, Kazuo; Sasaki, Isao; Kushi, Kenji; and Sugimori, Masahiro. 4,518,472, Cl. 204-159.150.
- Sugimori, Masamichi: *See—*
  - Terashima, Shiro; Tamoto, Katsumi; and Sugimori, Masamichi. 4,495,103, Cl. 260-351.100.
- Sugimori, Masaru; Sanji, Koichiro; Tomoyasu, Hirohide; and Sakakibara, Toshimori, to Sunstar Giken Kabushiki Kaisha. Epoxy resin composition and method for the preparation of the same. 4,501,853, 2-26-85, Cl. 525-122.000.
- Sugimori, Masaru; and Sanji, Koichiro, to Sun Star Giken Kabushiki Kaisha. Polyurethane resin composition. 4,555,561, 11-26-85, Cl. 528-26.000.
- Sugimori, Seiji: *See—*
  - Matsuoka, Toshio; Kurozu, Shinichi; and Sugimori, Seiji. 4,547,219, Cl. 75-29.000.

Sugimori, Shigeru; and Kojima, Tetsuhiko, to Chisso Corporation. High temperature liquid-crystalline ester compounds. 4,502,974, 3-5-85, Cl. 252-299.630.

Sugimori, Shigeru; Kojima, Tetsuhiko; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, to Chisso Corporation. 4-unsubstituted or substituted-4 cyanotercyclohexane derivatives. 4,534,883, 8-13-85, Cl. 252-299.630.

Sugimori, Shigeru; Kojima, Tetsuhiko; Goto, Yasuyuki; Isoyama, Toyoshiro; and Nigorikawa, Kazunori, to Chisso Corporation. Fluorobenzene derivatives and liquid crystal compositions containing the same. 4,536,321, 8-20-85, Cl. 252-299.630.

Sugimori, Shigeru; and Kojima, Tetsuhiko, to Chisso Corporation. 2,4-difluorobenzene derivatives. 4,548,731, 10-22-85, Cl. 252-299.630.

Sugimori, Sigemi: *See—*
- Yamawaki, Takeshi; Saitou, Tatuya; and Sugimori, Sigemi, 4,516,804, Cl. 296-214.000.

Sugimori, Teruhiko; and Habara, Hideaki, to Mitsubishi Rayon Co., Ltd. Method for treating emulsified latex. 4,491,658, 1-1-85, Cl. 528-486.000.

Sugimori, Yoshiaki: *See—*
- Kitayama, Masayasu; Sugimori, Yoshiaki; and Ohta, Schunich, 4,535,072, Cl. 502-411.000.

Sugimori, Yoshio: *See—*
- Nakagawa, Koichi; Sugimori, Yoshio; Kimata, Yoshihide; Araki, Yosai; and Arai, Tomoji, 4,535,356, Cl. 358-145.000.

Sugimoto, Akiko: *See—*
- Ishikawa, Masayuki; Azuma, Hiroshi; Sugimoto, Akiko; Takahashi, Noriko; and Takashima, Yoshimi, 4,517,189, Cl. 514-259.000.

Sugimoto, Akinori; and Sugimoto, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Electric dynamometer. 4,509,374, 4-9-85, Cl. 73-862.170.

Sugimoto, Goro: *See—*
- Matsuno, Sadayuki; Itoh, Hiroshi; Nishikawa, Isamu; Awazu, Tatsuo; Matsunaga, Toshio; Kitaoka, Yoshitaka; Sugimoto, Goro; and Nishinaka, Hiroki, 4,501,223, Cl. 118-668.000.

Sugimoto, Gunji; Arakawa, Hideo; Ishihara, Toshikazu; Sugiura, Masahiro; and Takahashi, Katsuhiko, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Fluctuating drive system. 4,495,560, 1-22-85, Cl. 364-154.000.

Sugimoto, Hachiro; Hamano, Sachiyuki; Shoji, Tadao; Kaneko, Takeru; and Uzuo, Takeshi, to Eisai Co., Ltd. Theobromine derivatives. 4,493,837, 1-15-85, Cl. 424-253.000.

Sugimoto, Hachiro: *See—*
- Kaneko, Takeru; Ozaki, Satoru; Takizawa, Kimie; and Sugimoto, Hachiro, 4,543,254, Cl. 514-253.000.

Sugimoto, Hiroaki: *See—*
- Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,503,005, Cl. 264-102.000.
- Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,542,203, Cl. 528-126.000.
- Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,560,740, Cl. 528-125.000.

Sugimoto, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Manipulator for shifting speed changing gears in automotive vehicles. 4,495,801, 1-29-85, Cl. 73-117.000.

Sugimoto, Hiroshi; and Satoh, Kozo, to Tokyo Shibaura Denki Kabushiki Kaisha. Nuclear magnetic resonance diagnostic apparatus. 4,509,011, 4-2-85, Cl. 324-309.000.

Sugimoto, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Nuclear magnetic resonance diagnostic apparatus. 4,516,074, 5-7-85, Cl. 324-309.000.

Sugimoto, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Computerized tomography apparatus. 4,542,519, 9-17-85, Cl. 378-19.000.

Sugimoto, Hiroshi; and Naruse, Yujiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Two-dimensional radiation detecting apparatus. 4,547,670, 10-15-85, Cl. 250-370.000.

Sugimoto, Hiroshi; and Fukada, Koichi, to Mitsubishi Denki Kabushiki Kaisha. Abnormal noise detector for inspecting gear units. 4,550,604, 11-5-85, Cl. 73-587.000.

Sugimoto, Hiroshi: *See—*
- Fukada, Koichi; and Sugimoto, Hiroshi, 4,550,603, Cl. 73-587.000.
- Sugimoto, Akinori; and Sugimoto, Hiroshi, 4,509,374, Cl. 73-862.170.

Sugimoto, Hiroyuki: *See—*
- Fujita, Kazunori; Nishimura, Shigeoki; Sugimoto, Hiroyuki; Ebato, Noboru; and Matsuda, Shinpei, 4,518,665, Cl. 429-153.000.
- Morioka, Yoshihiro; and Sugimoto, Hiroyuki, 4,546,291, Cl. 315-382.000.
- Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.

Sugimoto, Hitoshi: *See—*
- Abe, Yoshiaki; Nishimura, Yutaka; and Sugimoto, Hitoshi, 4,516,543, Cl. 123-179.00H.

Sugimoto, Kaname, to Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo. Process for the production of human urokinase. 4,537,852, 8-27-85, Cl. 435-215.000.

Sugimoto, Kazuo; Shimizu, Shigemi; and Terauchi, Kiyoshi, to Sanden Corporation. Rotation-preventing device for an orbiting piston-type fluid displacement. 4,545,746, 10-8-85, Cl. 418-55.000.

Sugimoto, Kenichi: *See—*
- Yamaguchi, Keizaburo; Sugimoto, Kenichi; Tanabe, Yoshimitsu; Kawashima, Saburo; and Yamaguchi, Akihiro, 4,540,818, Cl. 564-330.000.

Sugimoto, Kenji; and Isozaki, Osamu, to Taisei Corporation; and Kansai Paint Co., Ltd. Process for the preparation of electron beam curing gypsum panel. 4,514,471, 4-30-85, Cl. 428-703.000.

Sugimoto, Kinji: *See—*
- Nakajima, Jun; Araya, Takeshi; Aso, Tadashi; Kawamata, Kiyoshi; and Sugimoto, Kinji, 4 27,045, Cl. 219-130.310.

Sugimoto, Kiyoshi: *See—*
- Miyake, Kimio; and Sugimoto, Kiyoshi, 4,502,235, Cl. 37-127.000.

Sugimoto, Koichi, to Hitachi, Ltd. Parabolic position and attitude interpolation for a robot hand. 4,550,383, 10-29-85, Cl. 364-513.000.

Sugimoto, Koichi: *See—*
- Kohno, Michinaga; Sugimoto, Koichi; and Nakagawa, Yasuo, 4,527,326, Cl. 29-705.000.

Sugimoto, Makoto: *See—*
- Sakai, Masao; Suzuki, Yasuhiko; and Sugimoto, Makoto, 4,504,411, Cl. 252-506.000.

Sugimoto, Masatoshi: *See—*
- Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.

Sugimoto, Naohiko; and Kojima, Tetsuro, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material. 4,551,420, 11-5-85, Cl. 430-505.000.

Sugimoto, Noboru; Matsumoto, Yoshio; Takahashi, Michio; Kohno, Michinaga; and Sakaue, Shiyuki, to Hitachi, Ltd. Articulated industrial robot. 4,507,046, 3-26-85, Cl. 414-735.000.

Sugimoto, Norihiko; Hamada, Nobuhiro; Masuda, Ikuro; and Sakurai, Jinichi, to Hitachi, Ltd. Plant control system. 4,500,951, 2-19-85, Cl. 364-186.000.

Sugimoto, Norihiko: *See—*
- Hamada, Nobuhiro; Sugimoto, Norihiko; and Nawa, Masumi, 4,517,644, Cl. 364-200.000.

Sugimoto, Osamu; and Akagawa, Masaki, to Kabushiki Kaisha Nippon Coinco. Vend possible judgement device for a vending machine. 4,499,982, 2-19-85, Cl. 194-1.00N.

Sugimoto, Shigeo: *See—*
- Miyoshi, Nobutaka; Sugimoto, Shigeo; and Aizawa, Michihiko, 4,551,991, Cl. 62-476.000.
- Yokoyama, Eiji; Kaneko, Tadao; Amano, Yoshiaki; and Sugimoto, Shigeo, 4,554,223, Cl. 429-20.000.

Sugimoto, Tadao; and Ikeda, Hideo, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials. 4,506,008, 3-19-85, Cl. 430-502.000.

Sugimoto, Tadao; Ikeda, Hideo; Mifune, Hiroyuki; and Nakamura, Koki, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials. 4,521,508, 6-4-85, Cl. 430-567.000.

Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, to Fuji Photo Film Co., Ltd. Method of developing silver halide photographic material. 4,551,419, 11-5-85, Cl. 430-445.000.

Sugimoto, Tadao; Ikeda, Hideo; and Nakamura, Koki, to Fuji Photo Film Co., Ltd. Silver halide photographic materials. 4,551,421, 11-5-85, Cl. 430-509.000.

Sugimoto, Tadao: *See—*
- Takagi, Yoshihiro; Hirano, Shigeo; and Sugimoto, Tadao, 4,540,655, Cl. 430-410.000.

Sugimoto, Takao: *See—*
- Kinoshita, Masao; Yamanaka, Teruo; Hayakawa, Kizo; and Sugimoto, Takao, 4,545,238, Cl. 73-117.300.

Sugimoto, Tatsuyoshi: *See—*
- Kurono, Hitoshi; Taninaka, Kuniaki; Sugimoto, Tatsuyoshi; and Katoh, Minoru, 4,535,075, Cl. 514-96.000.

Sugimoto, Tosio: *See—*
- Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, 4,532,308, Cl. 525-482.000.

Sugimoto, Yasuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Voltage controlled oscillator with linear characteristic. 4,492,934, 1-8-85, Cl. 331-117.00R.

Sugimoto, Yasuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Variable gain control circuit. 4,499,429, 2-12-85, Cl. 330-254.000.

Sugimoto, Yasuhiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Gamma correction circuit. 4,558,363, 12-10-85, Cl. 358-164.000.

Sugimoto, Yoshifumi: *See—*
- Yokogi, Masanobu; Sugimoto, Yoshifumi; and Ono, Yotsuo, 4,535,028, Cl. 428-398.000.

Sugimoto, Yukihiro: *See—*
- Hara, Yoshio; and Sugimoto, Yukihiro, 4,536,067, Cl. 354-180.000.

Sugimoto, Yukio: *See—*
- Noguchi, Toyota; Okamoto, Michio; Nishimura, Tadafumi; Sugimoto, Yukio; Kaneko, Mamoru; and Nakayama, Kenjiro, 4,498,170, Cl. 370-110.100.

Sugimoto, Yutaka; Taira, Kenji; and Fukushima, Akira, to Kabushiki Kaisha Komatsu Seisakusho. Noise suppressing, air cooled enclosure for an engine. 4,503,931, 3-12-85, Cl. 181-204.000.

Sugimoto, Yutaka: *See—*
- Fukushima, Akira; and Sugimoto, Yutaka, 4,537,268, Cl. 180-9.100.

Sugimura, Kazuo; and Sugimura, Nobuyuki. Pulsation absorption device for high pressure liquid. 4,526,205, 7-2-85, Cl. 138-30.000.

Sugimura, Masao: *See—*
- Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; Sugimura, Masao; and Takahashi, Fumitaka, 4,494,116, Cl. 340-995.000.
- Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Sugimura, Masao, 4,535,335, Cl. 340-995.000.

Sugimura, Masaru: *See—*
- Takano, Motoharu; Sugimura, Masaru; Kushima, Keiichi; and Ezaki, Atae, 4,547,343, Cl. 422-304.000.

Sugimura, Minoru: *See—*
- Hirota, Ken; Fujimoto, Yoshiaki; Watanabe, Kouichi; and Sugimura, Minoru, 4,521,323, Cl. 252-62.590.

- Sugimura, Noboru: *See*—
  - Makino, Shigeo; and Sugimura, Noboru, 4,495,976, Cl. 152-354.00R.
- Sugimura, Nobuyuki. Accumulator. 4,509,557, 4-9-85, Cl. 138-30.000.
- Sugimura, Nobuyuki: *See*—
  - Sugimura, Kazuo; and Sugimura, Nobuyuki, 4,526,205, Cl. 138-30.000.
- Sugimura, Yukio: *See*—
  - Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, 4,552,873, Cl. 514-210.000.
- Suginaka, Shunji: *See*—
  - Kobayashi, Tatsuhiko; Ikeuchi, Satoru; Watanabe, Kazumasa; and Suginaka, Shunji, 4,520,095, Cl. 430-223.000.
  - Watanabe, Kazumasa; Deguchi, Hidetaka; and Suginaka, Shunji, 4,499,181, Cl. 430-558.000.
- Sugino, Kenji; and Nagata, Yukiaki, to Sugino Machine Limited. Variable pressure and displacement reciprocating pump. 4,500,262, 2-19-85, Cl. 417-214.000.
- Sugino, Kenji; and Nagata, Yukiaki, to Sugino Machine Limited. Underwater hydraulic motor. 4,505,638, 3-19-85, Cl. 415-113.000.
- Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, to Sugino Machine Limited. Surgical nozzle apparatus. 4,560,373, 12-24-85, Cl. 604-30.000.
- Sugino, Kenji: *See*—
  - Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.
- Sugino Machine Limited: *See*—
  - Sugino, Kenji; and Nagata, Yukiaki, 4,500,262, Cl. 417-214.000.
  - Sugino, Kenji; and Nagata, Yukiaki, 4,505,638, Cl. 415-113.000.
  - Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.
- Sugino, Michael D.: *See*—
  - Lund, Clarence A.; and Sugino, Michael D., 4,503,451, Cl. 357-50.000.
- Sugino, Shigemi; Sasaki, Kenichi; and Iwasa, Yoshio, to Nissan Motor Company, Limited. Compression control system for an internal combustion engine and control method therefor. 4,538,569, 9-3-85, Cl. 123-316.000.
- Sugino, Takashi; Itoh, Kunio; Wada, Masaru; and Shimizu, Hirokazu, to Matsushita Electric Industrial Co., Ltd. Semiconductor device. 4,520,485, 5-28-85, Cl. 372-48.000.
- Sugino, Takashi: *See*—
  - Shimizu, Hirokazu; Itoh, Kunio; Sugino, Takashi; and Wada, Masaru, 4,546,478, Cl. 372-36.000.
- Sugino, Toshiya; Nohara, Fujio; Fujinawa, Tomoaki; Ogawa, Kazuo; Mizukami, Teruo; and Shirai, Shunichi, to Ikeda Mohando Co., Ltd.; and Otsuka Pharmaceutical Co., Ltd. Heterocyclic compounds. 4,550,118, 10-29-85, Cl. 514-383.000.
- Sugino, Yoshihide; Tsumura, Takashi; Nakamura, Junnosuke; and Yamaki, Kazuyoshi, to Yamatake-Honeywell Co., Ltd. Robot machines. 4,505,636, 3-19-85, Cl. 414-736.000.
- Sugino, Yoshihiro: *See*—
  - Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.
- Suginoya, Mitsuru; Iwasa, Koji; Kamamori, Hitoshi; Sano, Yutaka; and Terada, Yumiko, to Seiko Instruments & Electronics Ltd. Method for manufacturing a multicolor filter and a multicolor display device. 4,522,691, 6-11-85, Cl. 204-18.100.
- Suginoya, Mitsuru: *See*—
  - Sano, Yutaka; Iwasa, Koji; Kamamori, Hitoshi; Suginoya, Mitsuru; and Terada, Yumiko, 4,528,073, Cl. 204-15.000.
- Suginuma, Atsushi: *See*—
  - Hayase, Isao; Suginuma, Atsushi; and Kishi, Atsuo, 4,507,068, Cl. 418-150.000.
  - Hayase, Isao; Suginuma, Atsushi; Kishi, Atsuo; and Kawashima, Kenichi, 4,515,514, Cl. 418-150.000.
- Sugio, Akitoshi; Masu, Masanobu; and Matunaga, Masatugu, to Mitsubishi Gas Chemical Company, Inc. Curable resin composition. 4,496,695, 1-29-85, Cl. 525-391.000.
- Sugio, Akitoshi; Masu, Masanobu; Matunaga, Masatugu; and Kimpara, Hidenori, to Mitsubishi Gas Chemical Company, Inc. Curable resin composition. 4,503,186, 3-5-85, Cl. 525-63.000.
- Sugio, Akitoshi; and Okabe, Masao, to Mitsubishi Gas Chemical Company, Inc. Polyphenylene ether resin composition. 4,532,306, 7-30-85, Cl. 525-397.000.
- Sugio, Akitoshi; Masu, Masanobu; and Kobayashi, Toshihiko, to Mitsubishi Gas Chemical Company, Inc. Polyphenylene ether resin composition. 4,556,685, 12-3-85, Cl. 524-141.000.
- Sugio, Takashi; Ohata, Makoto; and Ito, Shotaro, to Matsushita Electric Industrial Co., Ltd. Impeller for cross-flow fan. 4,538,963, 9-3-85, Cl. 416-203.000.
- Sugioka, Shinji, to Ushio Denki Kabushiki Kaisha. Photochemical vapor deposition apparatus. 4,516,527, 5-14-85, Cl. 118-723.000.
- Sugioka, Shinji, to Ushio Denki Kabushiki Kaisha. Photochemical vapor deposition apparatus. 4,525,382, 6-25-85, Cl. 427-54.100.
- Sugioka, Shinji: *See*—
  - Tanaka, Kazuya; and Sugioka, Shinji, 4,525,381, Cl. 427-54.100.
- Sugioka, Takami: *See*—
  - Miyake, Yuzuru; Sugioka, Takami; Murakami, Shoichi; and Ibuki, Hideaki, 4,494,702, Cl. 242-18.00R.
- Sugioka, Yukio; and Kono, Masami, to Kabushiki Kaisha Ishida Koki Seisakusho. Dispersing supply apparatus in automatic weighing system. 4,561,510, 12-31-85, Cl. 177-84.000.
- Sugisaki, Mutsuo: *See*—
  - Itoh, Kazuhiro; Sugisaki, Mutsuo; and Tanaka, Hiroshi, 4,532,685, Cl. 29-156.40R.
- Sugisaki, Mutuo: *See*—
  - Tanaka, Hiroshi; Sugisaki, Mutuo; and Itoh, Kazuhiro, 4,539,895, Cl. 92-249.000.
- Sugisaki, Toshihiko: *See*—
  - Yamanari, Shozo; Horiuchi, Tetsuo; Sugisaki, Toshihiko; and Tominaga, Kenji, 4,526,743, Cl. 376-283.000.
- Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, to House Food Industrial Company Limited. System for cleaning a three-way valve. 4,516,596, 5-14-85, Cl. 137-240.000.
- Sugisawa, Ko; Matsumura, Yasushi; and Taga, Kazumitsu, to House Food Industrial Company Limited. Process for drying foods under reduced pressure. 4,520,574, 6-4-85, Cl. 34-5.000.
- Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Kouji; and Higashine, Seiji, to House Food Industrial Company Limited. Method of improving quality of wheat flour. 4,524,080, 6-18-85, Cl. 426-236.000.
- Sugisawa, Ko; Matsumura, Yasushi; Taga, Kazumitsu; Sengoku, Kouji; and Nagatome, Yoshiaki, to House Food Industrial Company Limited. Process for preparing retort tofu. 4,537,789, 8-27-85, Cl. 426-634.000.
- Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, to House Food Industrial Company Limited. Filling apparatus. 4,539,903, 9-10-85, Cl. 99-470.000.
- Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, to House Food Industrial Company Limited. Method for improving a hardly soluble gelling agent. 4,557,939, 12-10-85, Cl. 426-473.000.
- Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, to House Food Industrial Company Limited. System for feeding liquid substances. 4,559,963, 12-24-85, Cl. 137-1.000.
- Sugisawa, Taijiro; and Tanase, Teruyoshi, to Mitsubishi Kinzoku Kabushiki Kaisha. Surface coated Sialon-base ceramic materials for tools. 4,539,251, 9-3-85, Cl. 428-216.000.
- Sugisawa, Yasuhiko, to Terumo Corporation. Intravascular catheter assembly. 4,493,708, 1-15-85, Cl. 604-165.000.
- Sugishita, Nobuyuki: *See*—
  - Tosaki, Hiromi; Tanei, Hirayoshi; Ikegami, Akira; and Sugishita, Nobuyuki, 4,547,625, Cl. 174-68.500.
- Sugishita, Susumu: *See*—
  - Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,548,558, Cl. 418-83.000.
  - Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,551,896, Cl. 29-156.40R.
  - Sakamaki, Hiroshi; Sugishita, Susumu; and Horikoshi, Yukio, 4,561,835, Cl. 418-173.000.
- Sugita, Hiroshi; Tsuda, Yasuo; Ito, Kenji; and Shimba, Satoru, to Konishiroku Photo Industry Co., Ltd. Light-sensitive silver halide color photographic material. 4,528,263, 7-9-85, Cl. 430-544.000.
- Sugita, Hiroshi: *See*—
  - Hiramitsu, Tetsushi; Sugita, Hiroshi; Ono, Satoshi; and Murase, Zenzaburo, 4,561,324, Cl. 74-498.000.
  - Ono, Satoshi; Sugita, Hiroshi; and Hiramitsu, Tetsushi, 4,541,301, Cl. 74-484.00R.
  - Sato, Ryosuke; Kato, Katsunori; Sasaki, Takashi; and Sugita, Hiroshi, 4,554,244, Cl. 430-552.000.
- Sugita, Junkichi; and Yada, Hiroaki, to Sony Corporation. Digital data detecting apparatus. 4,543,531, 9-24-85, Cl. 329-50.000.
- Sugita, Junkichi: *See*—
  - Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.
  - Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, 4,524,401, Cl. 360-113.000.
- Sugita, Katsuhiko, to Tsudakoma Kogyo Kabushiki Kaisha. Mass driver circuit for weaving looms. 4,503,371, 3-5-85, Cl. 318-443.000.
- Sugita, Kazuhiko: *See*—
  - Suzuki, Hiroshi; Tsuboi, Akira; and Sugita, Kazuhiko, 4,506,935, Cl. 308-5.00R.
- Sugita, Masanori: *See*—
  - Otake, Noboru; Seto, Haruo; Sasaki, Tetsuo; Sugita, Masanori; Natori, Yohei; and Sueda, Noriyoshi, 4,521,339, Cl. 260-239.30B.
- Sugita, Masao: *See*—
  - Kajikawa, Hiromi; and Sugita, Masao, 4,535,519, Cl. 26-157.10R.
- Sugita, Masatoshi: *See*—
  - Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.
- Sugita, Naoki: *See*—
  - Masuda, Senichi; and Sugita, Naoki, 4,509,958, Cl. 55-132.000.
- Sugita, Ryuji; and Kunieda, Toshiaki, to Matsushita Electric Industrial Co., Ltd. Method for manufacturing magnetic recording medium. 4,547,398, 10-15-85, Cl. 427-132.000.
- Sugita, Shoji: *See*—
  - Tajima, Yoshio; Miyoshi, Mituji; Sugita, Shoji; Kawabe, Kiyoshi; and Matsuura, Kazuo, 4,525,555, Cl. 526-125.000.

Sugita, Toshiaki: *See—*
- Nakagawa, Masao; Mori, Kiyoshi; and Sugita, Toshiaki, 4,560,735, Cl. 526-232.300.

Sugita, Toshio; and Kamiyama, Masahide. Process for accumulating and storing light energy and releasing the same therefrom for utilization. 4,507,561, 3-26-85, Cl. 250-484.100.

Sugita, Yoshiaki: *See—*
- Genma, Hideyuki; and Sugita, Yoshiaki, 4,521,049, Cl. 296-185.000.

Sugita, Yutaka; Suzuki, Ryo; Kodama, Naoki; Takeshita, Masatoshi; and Ikeda, Tadashi, to Hitachi, Ltd. Magnetic bubble memory device. 4,528,645, 7-9-85, Cl. 365-36.000.

Sugita, Yutaka: *See—*
- Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, 4,556,582, Cl. 427-38.000.
- Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Ohta, Norio; and Sugita, Yutaka, 4,556,583, Cl. 427-38.000.
- Kodama, Naoki; Takeuchi, Teruaki; Suzuki, Ryo; Takeshita, Masatoshi; and Sugita, Yutaka, 4,507,755, Cl. 365-36.000.
- Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,525,808, Cl. 365-36.000.
- Kodama, Naoki; Takeshita, Masatoshi; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,547,865, Cl. 365-12.000.
- Ohta, Norio; Ando, Keikichi; Hosoe, Yuzuru; Sugita, Yutaka; and Ishida, Fumihiko, 4,532,180, Cl. 428-336.000.
- Sato, Toshihiro; Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; and Sugita, Yutaka, 4,559,617, Cl. 365-36.000.
- Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; Kodama, Naoki; and Sugita, Yutaka, 4,494,216, Cl. 365-36.000.
- Suzuki, Ryo; Hiroshima, Minoru; Takeshita, Masatoshi; and Sugita, Yutaka, 4,502,129, Cl. 365-8.000.
- Suzuki, Ryo; Takeuchi, Teruaki; Kodama, Naoki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,546,452, Cl. 365-36.000.
- Takeshita, Masatoshi; Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,510,231, Cl. 430-312.000.
- Toyooka, Takashi; Hirokazu, Aoki; Sugie, Mamoru; and Sugita, Yutaka, 4,538,242, Cl. 365-8.000.
- Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.
- Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yoozi; and Sugita, Yutaka, 4,502,916, Cl. 156-643.000.
- Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yooji; and Sugita, Yutaka, 4,503,517, Cl. 365-36.000.

Sugitani, Hiroshi; Inamoto, Tadayoshi; and Yokota, Masami, to Canon Kabushiki Kaisha. Ink jet recording head with delaminating feature. 4,509,063, 4-2-85, Cl. 346-140.00R.

Sugitani, Hiroshi; Matsuda, Hiroto; and Ikeda, Masami, to Canon Kabushiki Kaisha. Liquid jet recording head. 4,558,333, 12-10-85, Cl. 346-140.00R.

Sugitani, Hiroshi: *See—*
- Yokota, Masami; Sugitani, Hiroshi; and Inamoto, Tadayoshi, 4,521,787, Cl. 346-140.00R.

Sugitani, Junichi: *See—*
- Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.
- Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, 4,555,948, Cl. 73-640.000.

Sugitani, Masami, to Murata Manufacturing Co., Ltd. Noise eliminator. 4,493,007, 1-8-85, Cl. 361-307.000.

Sugitani, Sinzi: *See—*
- Yoshikawa, Isao; Tanimizu, Tooru; and Sugitani, Sinzi, 4,504,885, Cl. 361-342.000.

Sugitani, Tohru: *See—*
- Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, 4,491,592, Cl. 424-318.000.

Sugitani, Yuji; and Kobayashi, Yukio, to Nippon Kokan Kabushiki Kaisha. Rotary arc-welding apparatus. 4,517,438, 5-14-85, Cl. 219-125.120.

Sugiuchi, Masami; and Imai, Atsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid-electrolyte cell. 4,496,638, 1-29-85, Cl. 429-192.000.

Sugiura, Hajime: *See—*
- Koike, Takashi; and Sugiura, Hajime, 4,494,215, Cl. 364-900.000.

Sugiura, Hiroaki: *See—*
- Kinoshita, Harumi; Kushida, Hideo; Itakura, Takeshi; Akutsu, Masao; Takada, Takuzo; and Sugiura, Hiroaki, 4,496,517, Cl. 264-521.000.

Sugiura, Katsuhiko, to Fuji Jukogyo Kabushiki Kaisha. System for controlling the ignition timing of an engine. 4,499,874, 2-19-85, Cl. 123-407.000.

Sugiura, Katsuhiko, to Fuji Jukogyo Kabushiki Kaisha. System for controlling the ignition timing of an engine. 4,541,381, 9-17-85, Cl. 123-407.000.

Sugiura, Katsuhiko, to Fuji Jukogyo Kabushiki Kaisha. System for controlling a carburetor of an internal combustion engine. 4,556,031, 12-3-85, Cl. 123-437.000.

Sugiura, Masahiro: *See—*
- Sugimoto, Gunji; Arakawa, Hideo; Ishihara, Toshikazu; Sugiura, Masahiro; and Takahashi, Katsuhiko, 4,495,560, Cl. 364-154.000.

Sugiura, Masami, to Tokyo Petcage Co., Ltd. Collapsible animal cage. 4,527,512, 7-9-85, Cl. 119-19.000.

Sugiura, Masamichi; and Kitagawa, Tsuneo, to Minolta Camera Kabushiki Kaisha. Preset counter apparatus for copying machines and the like. 4,491,827, 1-1-85, Cl. 340-365.00R.

Sugiura, Masamichi; and Shibazaki, Kenji, to Minolta Camera Kabushiki Kaisha. Copying machine. 4,506,974, 3-26-85, Cl. 355-14.00R.

Sugiura, Masamichi, to Minolta Camera Kabushiki Kaisha. Control system for scanning arrangement. 4,561,764, 12-31-85, Cl. 355-8.000.

Sugiura, Masamichi, to Minolta Camera Kabushiki Kaisha. System for controlling the reciprocation of a scanning apparatus. 4,561,771, 12-31-85, Cl. 355-14.00R.

Sugiura, Masaru: *See—*
- Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, 4,502,975, Cl. 252-315.100.

Sugiura, Muneharu, to Canon Kabushiki Kaisha. Zoom lens. 4,518,228, 5-21-85, Cl. 350-427.000.

Sugiura, Muneharu: *See—*
- Fujibayashi, Kazuo; Sugiura, Muneharu; and Tsuji, Sadahiko, 4,525,036, Cl. 350-427.000.

Sugiura, Noboru; and Okado, Terumi, to Hitachi, Ltd. Ignition timing retard angle control apparatus for internal combustion engine. 4,495,918, 1-29-85, Cl. 123-425.000.

Sugiura, Noboru, to Hitachi, Ltd. Knock control system. 4,528,955, 7-16-85, Cl. 123-425.000.

Sugiura, Noboru: *See—*
- Abe, Osamu; Mouri, Yasunori; and Sugiura, Noboru, 4,549,514, Cl. 123-425.000.
- Ishii, Toshio; and Sugiura, Noboru, 4,513,718, Cl. 123-425.000.
- Okado, Terumi; and Sugiura, Noboru, 4,558,674, Cl. 123-425.000.

Sugiura, Nobuo: *See—*
- Yanaihara, Noboru; Sugiura, Nobuo; and Hiyama, Takashi, 4,517,180, Cl. 514-16.000.
- Yanaihara, Noboru; Sugiura, Nobuo; and Kashimoto, Kazuhisa, 4,530,836, Cl. 514-16.000.

Sugiura, Ryuzo: *See—*
- Kikuchi, Junzo; Sugiura, Ryuzo; Yamamoto, Mutsuhiro; and Yoshida, Toshiro, 4,514,597, Cl. 179-99.00M.

Sugiura, Sabro; Fujita, Senji; Kanada, Kenji; Demukai, Noboru; and Okamoto, Tetuo, to Daido Tokushuko Kabushiki Kaisha. Method of and apparatus for melting scrap. 4,531,971, 7-30-85, Cl. 75-13.000.

Sugiura, Susumu; Sato, Tadashi; and Nakajima, Norio, to Canon Kabushiki Kaisha. System for storage and printing a plurality of images. 4,505,576, 3-19-85, Cl. 355-14.00R.

Sugiura, Susumu; and Kohzato, Yasuo, to Canon Kabushiki Kaisha. Color image processing apparatus. 4,533,928, 8-6-85, Cl. 346-140.00R.

Sugiura, Susumu: *See—*
- Toda, Katsuhiko; and Sugiura, Susumu, 4,558,356, Cl. 358-75.000.
- Toda, Katuhiko; and Sugiura, Susumu, 4,534,624, Cl. 350-429.000.

Sugiura, Tsutomu: *See—*
- Bunno, Masayasu; Sugiura, Tsutomu; Tsuji, Masao; Harada, Hidemi; and Ichihara, Yoshihiro, 4,520,102, Cl. 435-61.000.

Sugiura, Yasuyuki: *See—*
- Mizunoya, Nobuyuki; Kohama, Hajime; and Sugiura, Yasuyuki, 4,540,462, Cl. 156-630.000.
- Morinaga, Shigeki; Miyashita, Kunio; and Sugiura, Yasuyuki, 4,511,827, Cl. 318-254.000.

Sugiura, Yoichi: *See—*
- Kobayashi, Nobuyuki; Ito, Hiroshi; and Sugiura, Yoichi, 4,543,634, Cl. 364-431.070.

Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, to Canon Kabushiki Kaisha. Reflection mirror for optical instrument. 4,556,285, 12-3-85, Cl. 350-600.000.

Sugiyama, Akihiko: *See—*
- Tanaka, Tatsuo; Itoh, Hiroshi; and Sugiyama, Akihiko, 4,495,779, Cl. 62-211.000.

Sugiyama, Hiroaki, to Ricoh Company, Ltd. Opening means for powder vessel. 4,520,695, 6-4-85, Cl. 81-3.070.

Sugiyama, Hiroyuki, to Victor Company of Japan, Ltd. Color video signal reproducing apparatus. 4,496,992, 1-29-85, Cl. 358-326.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. Rotary recording medium. 4,496,993, 1-29-85, Cl. 358-335.000.

Sugiyama, Hiroyuki; Abe, Ryozo; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. Apparatus for playing back video signals recorded on a rotary recording medium on several quasi-slow motion reproduction modes. 4,499,505, 2-12-85, Cl. 358-342.000.

Sugiyama, Hiroyuki, to Victor Company of Japan, Ltd. Jitter compensation system in a rotary recording medium reproducing apparatus. 4,500,981, 2-19-85, Cl. 369-43.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. Rotary recording medium reproducing apparatus. 4,500,983, 2-19-85, Cl. 369-77.200.

Sugiyama, Hiroyuki; and Ishida, Masaaki, to Komori Printing Machinery Co., Ltd. Impression cylinder device of sheet-fed printing press with turn-over mechanism. 4,506,602, 3-26-85, Cl. 101-230.000.

Sugiyama, Hiroyuki, to Victor Company of Japan, Ltd. Rotary recording medium and reproducing apparatus thereof. 4,510,531, 4-9-85, Cl. 358-342.000.

Sugiyama, Hiroyuki, to Victor Company of Japan, Ltd. Signal pickup device. 4,519,062, 5-21-85, Cl. 369-126.000.

Sugiyama, Hiroyuki; Abe, Ryozo; Yusa, Yasuhiro; Sakurai, Masaki; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. Signal pickup device in a rotary recording medium reproducing apparatus. 4,520,473, 5-28-85, Cl. 369-126.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. Special reproducing system for reproducing a rotary recording medium. 4,530,013, 7-16-85, Cl. 358-335.000.

Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, to Victor Company of Japan, Ltd. System for reproducing an address signal from each track turn during a search mode operation of a reproducing apparatus. 4,550,393, 10-29-85, Cl. 369-32.000.

Sugiyama, Hiroyuki; Shibamoto, Takeshi; Sato, Hideo; Furuki, Tsuneo; Kubo, Mitsuo; and Tanaka, Koji, to Victor Company of Japan, Ltd. Memory utilization control system for compressed digital picture data transmission system. 4,554,597, 11-19-85, Cl. 358-335.000.

Sugiyama, Hiroyuki, to Victor Company of Japan, Ltd. Digital video signal transmitting apparatus. 4,558,362, 12-10-85, Cl. 358-138.000.

Sugiyama, Hiroyuki: *See—*

Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.

Sugiyama, Keiichi, to Yamaha Hatsudoki Kabushiki Kaisha. Intake control system for multi-valve type internal combustion engine. 4,512,311, 4-23-85, Cl. 123-432.000.

Sugiyama, Kenji; and Miyazaki, Takeshi, to Toyoda Gosei Co., Ltd. Process for manufacturing a hose mouthpiece. 4,513,489, 4-30-85, Cl. 29-520.000.

Sugiyama, Kunio: *See—*

Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.

Sugiyama, Makoto: *See—*

Yoshinari, Osamu; Sugiyama, Makoto; and Nakai, Hideki, 4,543,241, Cl. 423-447.700.

Sugiyama, Masahiko; and Nishio, Kenichi, to Toyota Jidosha Kabushiki Kaisha. Piston head structure. 4,506,593, 3-26-85, Cl. 92-212.000.

Sugiyama, Masahiko: *See—*

Hashimoto, Kametaro; Ushitani, Kenji; Noda, Fumiyoshi; Sugiyama, Masahiko; and Murachi, Mikio, 4,533,579, Cl. 428-36.000.

Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.

Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, 4,544,338, Cl. 418-63.000.

Sugiyama, Masami; Shibuya, Hiroko; and Kasahara, Yasushi, to Fujirebio Kabushiki Kaisha. Derivatives of dipeptide and their use in determining the activity of carboxypeptidase A. 4,551,272, 11-5-85, Cl. 260-112.50R.

Sugiyama, Sakae, to Hitachi, Ltd. Method of detecting a leakage of fluid. 4,543,817, 10-1-85, Cl. 73-40.50A.

Sugiyama, Shinichi; Chujo, Yoshiki; and Yaegashi, Takehisa, to Toyota Jidosha Kogyo Kabushiki Kaisha. Method and apparatus for controlling the air fuel ratio in an internal combustion engine. 4,491,921, 1-1-85, Cl. 364-431.050.

Sugiyama, Shizuo: *See—*

Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.

Kobayashi, Masahito; Maeda, Narimichi; Hagiwara, Yoshimune; Akazawa, Takashi; and Sugiyama, Shizuo, 4,534,010, Cl. 364-748.000.

Sugiyama, Tadashi: *See—*

Iwaoka, Hideto; Fujino, Kenji; Sugiyama, Tadashi; and Matsuura, Hiroyuki, 4,536,712, Cl. 324-309.000.

Sugiyama, Takahiro, to Asahi Kogaku Kogyo Kabushiki Kaisha. Objective lens for use with information storage disks. 4,556,296, 12-3-85, Cl. 350-475.000.

Sugiyama, Takao: *See—*

Ichikawa, Tomohiko; Sugiyama, Takao; and Manaka, Masao, 4,541,441, Cl. 130-27.00T.

Sugiyama, Takashi, to Minolta Camera Kabushiki Kaisha. Blade cleaning apparatus. 4,498,760, 2-12-85, Cl. 355-15.000.

Sugiyama, Takashi, to Yoshida Industry Co., Ltd. Retractable-type cosmetic container with removable base. 4,505,607, 3-19-85, Cl. 401-78.000.

Sugiyama, Terumasa: *See—*

Suzuki, Takanobu; Nakayama, Kenichiro; Takahashi, Izumi; and Sugiyama, Terumasa, 4,554,662, Cl. 371-20.000.

Takahashi, Izumi; Nakayama, Kenichiro; Sugiyama, Terumasa; and Suzuki, Takanobu, 4,499,580, Cl. 371-17.000.

Sugiyama, Tomokazu: *See—*

Kurata, Hidenori; Inaba, Kazuo; Sugiyama, Tomokazu; and Hirata, Tomio, 4,547,655, Cl. 219-204.000.

Sugiyama, Toshio; Suenaga, Hideo; and Fukui, Yukio, to Hitachi, Ltd. Optical tracking system. 4,525,823, 6-25-85, Cl. 369-44.000.

Sugiyama, Toshio; and Suenaga, Hideo, to Hitachi, Ltd. Method and apparatus for reducing semiconductor laser optical noise. 4,532,619, 7-30-85, Cl. 369-106.000.

Sugiyama, Toshio; and Yamane, Yoshio, to Hitachi, Ltd. Two dimensional actuator for moving optical medium of scanning device. 4,547,871, 10-15-85, Cl. 369-44.000.

Sugiyama, Yasunori: *See—*

Moriya, Takeo; Yamagata, Toshio; and Sugiyama, Yasunori, 4,559,293, Cl. 430-271.000.

Sugizaki, Iwao: *See—*

Mizuno, Ichiro; and Sugizaki, Iwao, 4,527,336, Cl. 33-172.00R.

Yamamoto, Takeshi; Sakata, Hideo; and Sugizaki, Iwao, 4,561,190, Cl. 33-561.000.

Sugizaki, Takashi; and Sakamoto, Yoshisuke, to Toyo Seikan Kaisha, Ltd. Squeezable container for dispensing foamed sol. 4,509,661, 4-9-85, Cl. 222-190.000.

Sugizaki, Yasushi: *See—*

Onodera, Hiromi; Wakabayashi, Noriaki; Yamada, Kiichiro; and Sugizaki, Yasushi, 4,504,750, Cl. 310-12.000.

Suglia, Jean-Claude: *See—*

Herve, Jean-Jacques; Suglia, Jean-Claude; and Meinard, Colette, 4,492,687, Cl. 424-174.000.

Sugloba, Alexandr I.: *See—*

Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.

Sugo, Takanobu: *See—*

Ishigaki, Isao; Sugo, Takanobu; and Okamoto, Jiro, 4,539,277, Cl. 429-249.000.

Sugo, Yasuhisa; and Takeshima, Tohru, to Fujitsu Limited. Semiconductor memory device. 4,538,244, 8-27-85, Cl. 365-155.000.

Sugrue, John C.: *See—*

Jahnke, William R.; Rockel, Bruce H.; Brown, Barry J.; Hawley, Floyd E.; Pennella, Andrew J.; Sugrue, John C.; and Wiggins, William R., 4,534,093, Cl. 29-26.00A.

Suguro, Yoshihiro; and Nagamoto, Masanaka, to Ricoh Company, Ltd. Diazo-type thermosensitive recording material. 4,542,394, 9-17-85, Cl. 346-209.000.

Suh, John T.; Barton, Jeffrey N.; and Regan, John R., to USV Pharmaceutical Corporation. Therapeutic dipeptides. 4,500,713, 2-19-85, Cl. 546-165.000.

Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, to USV Pharmaceutical Corporation. Antihypertensive amides. 4,507,312, 3-26-85, Cl. 514-471.000.

Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, to USV Pharmaceutical Co. Antihypertensive amides. 4,548,928, 10-22-85, Cl. 514-232.000.

Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, to USV Pharmaceutical Corporation. Antihypertensive amides. 4,549,992, 10-29-85, Cl. 260-455.00R.

Suh, John T.; Regan, John R.; Piwinski, John J.; Menard, Paul; and Jones, Howard, to USV Pharmaceutical Corporation. Antihypertensive spiro-cyclic compounds. 4,555,508, 11-26-85, Cl. 514-211.000.

Suh, John T.; Skiles, Jerry W.; Piwinski, John J.; Menard, Paul; and Jones, Howard, to USV Pharmaceutical Corporation. Antihypertensive spiro-amidoamino compounds. 4,556,652, 12-3-85, Cl. 514-211.000.

Suh, John T.: *See—*

Loev, Bernard; Jones, Howard; and Suh, John T., 4,491,582, Cl. 424-250.000.

Loev, Bernard; Jones, Howard; and Suh, John T., 4,500,532, Cl. 514-256.000.

Loev, Bernard; Jones, Howard; and Suh, John T., 4,505,920, Cl. 514-341.000.

Loev, Bernard; Jones, Howard; and Suh, John T., 4,520,131, Cl. 514-156.000.

Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, 4,496,542, Cl. 514-2.000.

Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, 4,558,038, Cl. 514-20.000.

Suh, Kyung W.: *See—*

Hurps, Richard L.; and Suh, Kyung W., 4,559,367, Cl. 521-79.000.

Park, Chung P.; and Suh, Kyung W., 4,532,265, Cl. 521-147.000.

Park, Chung P.; and Suh, Kyung W., 4,535,094, Cl. 521-79.000.

Suh, Nam P.; and Rinderle, James R., to Massachusetts Institute of Technology. Injection molding method. 4,548,773, 10-22-85, Cl. 264-40.600.

Suh, Sung S.: *See—*

Moon, Sang H.; Park, Jae M.; and Suh, Sung S., 4,493,725, Cl. 71-62.000.

Suhadolnik, Robert J.; Wu, Joseph M.; Doetsch, Paul; and Henderson, Earl E., to Research Corporation. (2′-5′)-oligo (3′-deoxyandenylate) and derivatives thereof. 4,539,313, 9-3-85, Cl. 514-47.000.

Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, to UBE Industries, Ltd.; and Nissan Motor Company, Limited. Polyamide composition. 4,543,378, 9-24-85, Cl. 524-100.000.

Suhara, Hideo: *See—*

Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.

Suhara, Manabu; Sajima, Yasuo; Ito, Hiroaki; and Arai, Kiyotaka, to Asahi Glass Company Ltd. Electrolytic cell for the electrolysis of an alkali metal chloride and process of using said cell. 4,561,946, 12-31-85, Cl. 204-98.000.

Suhh, Jay Y. Oil mop. 4,493,576, 1-15-85, Cl. 401-283.000.

Suhr, Heinz P.: *See—*

Wiesmann, Herbert L.; and Suhr, Heinz P., 4,509,793, Cl. 297-355.000.

Suhr, Olaf: *See—*

Gawer, Klaus-Peter; and Suhr, Olaf, 4,542,766, Cl. 137-559.000.

Suhrbier, Rolf: *See—*

Vick, Walter; and Suhrbier, Rolf, 4,528,901, Cl. 99-488.000.

Vick, Walter; and Suhrbier, Rolf, 4,539,904, Cl. 99-618.000.

Suhre, Dennis R., to Westinghouse Electric Corp. Gain tuned laser resonator. 4,502,144, 2-26-85, Cl. 372-23.000.

Sui, Akira: *See—*

Yokoshima, Naohiko; Masumoto, Nobuyoshi; and Sui, Akira, 4,517,726, Cl. 29-527.400.

- Suica, David E.: *See—*
  - Hennekes, Daniel M.; Suica, David E.; and Beckman, Robert F., 4,500,065, Cl. 248-542.000.
  - Hennekes, Daniel M.; Kolde, Richard A.; and Suica, David E., 4,512,709, Cl. 414-729.000.
- Suied, Joseph P. Boring devices. 4,503,919, 3-12-85, Cl. 175-269.000.
- Suinat, Jean-Pierre A.; and Suinat, Rene P. J., to Anciens Ateliers Macler P. Suinat & Cie Srs. Hooded stopper. 4,546,894, 10-15-85, Cl. 215-354.000.
- Suinat, Rene P. J.: *See—*
  - Suinat, Jean-Pierre A.; and Suinat, Rene P. J., 4,546,894, Cl. 215-354.000.
- Suisaku Kabushiki Kaisha: *See—*
  - Ogawa, Yonekichi, 4,552,657, Cl. 210-169.000.
  - Ogawa, Yonekichi, 4,556,485, Cl. 210-169.000.
- Suisman, A. Eileen: *See—*
  - Burke, William L., Sr.; Marple, Elwood; and Suisman, A. Eileen, 4,550,602, Cl. 73-428.000.
- Suissa, Moshe. Cleaning apparatus. 4,520,577, 6-4-85, Cl. 34-76.000.
- Suizu, Yohji: *See—*
  - Ueno, Kazunori; and Suizu, Yohji, 4,546,580, Cl. 52-126.100.
- Sujaku, Jiro, to Mitsubishi Denki Kabushiki Kaisha. Initial program load system. 4,491,914, 1-1-85, Cl. 364-200.000.
- Sujaku, Takamichi; Aoyama, Shuki; and Fukasawa, Takaaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Microwave oven having specially-positioned electric components. 4,506,128, 3-19-85, Cl. 219-10.55F.
- Sujansky, Daniel J.; and Rancourt, Martha W., to Ortho Diagnostic Systems Inc. Detecting intracellular antigens in swelled and fixed cells with labeled antibody. 4,499,183, 2-12-85, Cl. 435-6.000.
- Sujansky, Vladimir; Tribuzio, Sergio; and Paull, Jolanta, to ICI Australia Limited. Nitric ester explosive compositions. 4,507,161, 3-26-85, Cl. 149-21.000.
- Suk, Laddie E.: *See—*
  - Herr, Diane E.; Suk, Laddie E.; and Winchell, David F., 4,540,850, Cl. 179-2.0DP.
  - Herr, Diane E.; Suk, Laddie E.; and Winchell, David F., 4,544,804, Cl. 179-18.0BC.
- Suk, Suh Kyung: *See—*
  - Hong, Won P., 4,537,633, Cl. 106-96.000.
- Sukegawa, Ken: *See—*
  - Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, 4,511,642, Cl. 430-161.000.
- Sukegawa, Tsuneo: *See—*
  - Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Sukegawa, Tsuneo, 4,554,587, Cl. 358-228.000.
- Sukekawa, Masayuki: *See—*
  - Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, 4,505,232, Cl. 122-511.000.
- Sukenari, Gunzo: *See—*
  - Eguchi, Jyutaro; Kashino, Shinzo; Odahara, Tetsuichi; and Sukenari, Gunzo, 4,497,162, Cl. 56-14.600.
- Sukenik, Robert J., to Corrugating Roll Corporation. Single facer corrugating machine. 4,531,996, 7-30-85, Cl. 156-472.000.
- Sukenik, Robert J., to Corrugating Roll Corporation. Corrugating roller. 4,542,566, 9-24-85, Cl. 29-125.000.
- Sukhodolets, Vadim K.: *See—*
  - Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.
- Sukhov, Leonid V.: *See—*
  - Sidorov, Viktor V.; Tselniker, Efim Y.; Sidorov, Evgeny P.; Sukhov, Leonid V.; Gorb, Vyacheslav F.; and Bairakovsky, Gennady M., 4,495,401, Cl. 219-136.000.
- Sukimoto, Yasuyuki; and Nagao, Toshiaki, to Omron Tateisi Electronics Co. Temperature control device. 4,504,010, 3-12-85, Cl. 236-46.00F.
- Sukonick, Josef; and Fjallstam, Bjorn M., to Cadtrak Corporation. Graphics display system with viewports of arbitrary location and content. 4,533,910, 8-6-85, Cl. 340-721.000.
- Sukonick, Josef, to Cadtrak Corporation. Graphics data handling system for CAD workstation. 4,549,275, 10-22-85, Cl. 364-521.000.
- Sukornick, Bernard: *See—*
  - Nalewajek, David; Eibeck, Richard E.; and Sukornick, Bernard, 4,548,881, Cl. 429-194.000.
- Sukumar, Subramaniam: *See—*
  - Hall, Laurance D.; and Sukumar, Subramaniam, 4,520,316, Cl. 324-309.000.
- Sul, Yun T. Lift for vehicle maintenance. 4,545,462, 10-8-85, Cl. 187-8.410.
- Sulc, Josef M. Dental attachment structure. 4,540,367, 9-10-85, Cl. 433-181.000.
- Sulcek, Charles E.; and Miller, Frank E., to Whirlpool Corporation. Support and leveling system for refuse compactor. 4,518,142, 5-21-85, Cl. 248-649.000.
- Sulcon, Inc.: *See—*
  - Yarbrough, Roger L., 4,518,548, Cl. 264-32.000.
- Suld, George: *See—*
  - Lyons, James E.; Suld, George; and Shinn, Robert W., 4,504,672, Cl. 560-131.000.
- Sule, Akos. Pinch valve assembly. 4,496,133, 1-29-85, Cl. 251-7.000.
- Sulek, Stanislaw: *See—*
  - Mittleman, Herbert; and Sulek, Stanislaw, 4,534,764, Cl. 604-81.000.
- Suleske, Aaron A.: *See—*
  - Coles, Russell I.; Griest, Norman J.; Marando, Raoul J.; and Suleske, Aaron A., 4,547,164, Cl. 441-84.000.
- Sulick, Lorraine E.: *See—*
  - Nix, Paul T.; Goldfarb, Rebecca D.; Stong, Linda J.; Sulick, Lorraine E.; Trivedi, Ramesh C.; and Morgenstern, Stanley W., 4,505,756, Cl. 127-29.000.
- Suling, Carlhans: *See—*
  - Brauer, Wolfgang; Korte, Siegfried; Neukam, Theo; and Suling, Carlhans, 4,535,139, Cl. 526-287.000.
  - Konig, Joachim; Suling, Carlhans; and Korte, Siegfried, 4,501,865, Cl. 526-71.000.
  - Podszun, Wolfgang; Simm, Walter; Goossens, John; and Suling, Carlhans, 4,521,505, Cl. 430-112.000.
  - Waniczek, Helmut; Lindner, Christian; Suling, Carlhans; Bartl, Herbert; and Uerdingen, Walter, 4,506,045, Cl. 524-31.000.
- Sulitzeanu, Bernard, to Teva Pharmaceutical Industries Ltd. Method and kit for pregnancy detection. 4,50[illegible] 85, Cl. 436-510.000.
- Sulkowski, Alfred. Heat exchange system with space heating, space cooling and hot water generating cycles. 4,514,990, 5-7-85, Cl. 62-238.700.
- Sulkowski, Theodore S.; Silver, Paul J.; [illegible]citti, Albert A.; and Bender, Reinhold H. W., to American Home Products Corporation. Aralkyl or aryloxyalkyl 1,7-naphthyridine-3-carboxylic acid esters. 4,551,534, 11-5-85, Cl. 546-123.000.
- Sulku, Jukka: *See—*
  - Seppanen, Olli; Punttila, Antero; and Sulku, Jukka, 4,505,259, Cl. 126-429.000.
- Sullair Technology AB: *See—*
  - Schibbye, (Lars) Lauritz B.; and Englund, Rolf A., 4,498,849, Cl. 417-299.000.
- Sullivan, Ann C.: *See—*
  - Hamilton, James G.; Sullivan, Ann C.; Tobias, Lawrence D.; and Triscari, Joseph, 4,500,540, Cl. 514-397.000.
- Sullivan, Ashley H. Mouth splint. 4,519,386, 5-28-85, Cl. 128-136.000.
- Sullivan, Charles I.: *See—*
  - Jasne, Stanley J.; Schwarzel, William C.; Sullivan, Charles I.; and Taylor, Lloyd D., 4,547,451, Cl. 430-215.000.
- Sullivan, Dale W.; Janssen, Kermit W.; and Mitchell, Andrew, to CertainTeed Corporation. Well screen. 4,550,778, 11-5-85, Cl. 166-234.000.
- Sullivan, Daniel S.: *See—*
  - Haslegrave, John A.; and Sullivan, Daniel S., 4,515,708, Cl. 252-390.000.
- Sullivan, Dennis K.: *See—*
  - Thedford, Guy N.; Fachini, Robert M.; and Sullivan, Dennis K., 4,501,112, Cl. 56-13.300.
- Sullivan, Don A., to Shell Oil Company. Oilseed extraction process. 4,515,726, 5-7-85, Cl. 260-412.400.
- Sullivan, Donald B.: *See—*
  - Thorley, Graham R.; and Sullivan, Donald B., 4,556,128, Cl. 187-9.00R.
- Sullivan, Donald E. Dual flush system for controlling flush water in water closet. 4,497,076, 2-5-85, Cl. 4-392.000.
- Sullivan, Donald F. Printed wiring board. 4,506,004, 3-19-85, Cl. 430-312.000.
- Sullivan, Donald F. Printed wiring boards with solder mask over bare copper wires having large area thickened circuit pad connections. 4,528,259, 7-9-85, Cl. 430-312.000.
- Sullivan, Donald F. Photoprinting process and apparatus for exposing photopolymers. 4,544,626, 10-1-85, Cl. 430-311.000.
- Sullivan, Donald F. Transferring polymer from thin plastic films to photodevelop insulation patterns on printed wiring boards. 4,556,627, 12-3-85, Cl. 430-312.000.
- Sullivan, Donald F. Reusable phototransparency image forming tools for direct contact printing. 4,560,639, 12-24-85, Cl. 430-273.000.
- Sullivan, Donald K.: *See—*
  - Bland, Gerald F.; and Sullivan, Donald K., 4,518,363, Cl. 440-89.000.
- Sullivan, Hack A., to Sullivan Mfg. & Sales Corp. Flocking apparatus. 4,534,511, 8-13-85, Cl. 239-336.000.
- Sullivan, Jack M.; Kim, Yong K.; and Waerstad, Kjell R., to Tennessee Valley Authority. Acid type solid urea-nitric fertilizer. 4,507,139, 3-26-85, Cl. 71-50.000.
- Sullivan, Jack W. Ball and socket linkage and bearing assembly. 4,514,015, 4-30-85, Cl. 308-2.00R.
- Sullivan, James B.: *See—*
  - Fox, Richard B.; and Sullivan, James B., 4,538,787, Cl. 249-112.000.
- Sullivan, James H.: *See—*
  - Wrobley, A. Ray; and Sullivan, James H., 4,497,117, Cl. 33-276.000.
- Sullivan, James J. Manually mountable tamper evident oral liquid dose viral and seal assembly. 4,522,308, 6-11-85, Cl. 215-253.000.
- Sullivan, James W.; and Lewis, Robert T., to Brown & Williamson Tobacco Corporation. Apparatus and method for applying plasticizers to fibrous filter material. 4,497,276, 2-5-85, Cl. 118-694.000.
- Sullivan, James W.: *See—*
  - Porenski, Harry S.; and Sullivan, James W., 4,527,570, Cl. 131-94.000.
- Sullivan, John: *See—*
  - Lillibridge, Harold R.; and Sullivan, John, 4,531,038, Cl. 219-10.810.
- Sullivan, John M.: *See—*
  - Brahm, David J.; Grinn, James M.; Hepler, Edward L.; and Sullivan, John M., 4,494,193, Cl. 364-200.000.

- Sullivan, Lawrence B.; and Lo, Charng-Wen M., to Texas Instruments Incorporated. Seismic cable assembly having improved transducers. 4,536,862, 8-20-85, Cl. 367-153.000.
- Sullivan, Leroy J., to Chartered Industries of Singapore Private Ltd. Firearms bolt carrier assembly. 4,502,367, 3-5-85, Cl. 89-181.000.
- Sullivan, Leroy J., to Chartered Industries of Singapore Private Ltd. Firearm trigger mechanism. 4,505,182, 3-19-85, Cl. 89-132.000.
- Sullivan, Leroy J., to Chartered Industries of Singapore Private Ltd. Gun hammer mechanism. 4,522,106, 6-11-85, Cl. 89-140.000.
- Sullivan Mfg. & Sales Corp.: *See—*
    - Sullivan, Hack A., 4,534,511, Cl. 239-336.000.
- Sullivan, Michael D.; Murtfeldt, Robert L.; and Yelsey, Arthur R., to American Hospital Supply Corporation. Temperature monitoring catheter. 4,497,324, 2-5-85, Cl. 128-736.000.
- Sullivan, Michael T., to Exanno Products Limited. Duct joining system. 4,537,430, 8-27-85, Cl. 285-364.000.
- Sullivan, Nadine M.: *See—*
    - Wilkins, Tracy D.; and Sullivan, Nadine M., 4,530,833, Cl. 424-92.000.
- Sullivan, Paul A., to NCR Corporation. Method of making CMOS by twin-tub process integrated with a vertical bipolar transistor. 4,507,847, 4-2-85, Cl. 29-576.00B.
- Sullivan, Paul A.; and Collins, George J., to NCR Corporation. Process for fabricating a bipolar transistor with a thin base and an abrupt base-collector junction. 4,523,370, 6-18-85, Cl. 29-576.00B.
- Sullivan, Paul E.; and Peppel, George W., to Lockheed Corporation. Symmetrically loaded flexible connector having multiple passageways. 4,515,399, 5-7-85, Cl. 285-95.000.
- Sullivan, Richard E., to Critikon, Inc. Moisture detector for respiratory monitoring systems. 4,546,778, 10-15-85, Cl. 128-718.000.
- Sullivan, Sean; and Edwards, Roger A., to Rediffusion Simulation Limited. Acousto-optic scanners. 4,541,694, 9-17-85, Cl. 350-371.000.
- Sullivan, Thomas A.; and Witterholt, Vincent G., to Du Pont de Nemours, E. I., and Company. Process for the preparation of 2-hydroxybenzenesulfonamide. 4,556,733, 12-3-85, Cl. 564-89.000.
- Sullivan, Thomas M.: *See—*
    - Glasrud, Peder A.; and Sullivan, Thomas M., 4,529,061, Cl. 184-103.00R.
- Sullivan, Timothy A.; Morgan, Gregory L.; and Warner, Arthur S., to Owens-Corning Fiberglas Corporation. Apparatus for producing glass fibers. 4,541,853, 9-17-85, Cl. 65-12.000.
- Sullivan, William B. Mechanical stabilizer. 4,516,749, 5-14-85, Cl. 248-56.000.
- Sullivan, William B., Jr., to Raytheon Company. Radio frequency receiver. 4,535,286, 8-13-85, Cl. 324-79.00R.
- Sullivan, William E.; and Fore, Joseph M., to Risdon Enterprises, Inc. Device for dispensing of volatile substance and method for making the device. 4,529,124, 7-16-85, Cl. 239-56.000.
- Sullivan, William E., to Risdon Enterprises, Inc. Device for dispensing of volatile substance and method for making the device. 4,529,125, 7-16-85, Cl. 239-56.000.
- Sullivan, William H.: *See—*
    - Field, Michael E.; and Sullivan, William H., 4,495,807, Cl. 73-290.00R.
- Sullivan, William N., to United States of America, Energy. Wind turbine spoiler. 4,500,257, 2-19-85, Cl. 416-32.000.
- Sullivan, Woodard R. Rear axle bearing puller. 4,542,571, 9-24-85, Cl. 29-256.000.
- Sulouff, Robert E.; Hartin, Sam S.; Cook, Koy B.; Kerns, David V., Jr.; Davidson, Jimmy L.; and Warren, Keith O., to Insouth Microsystems, Inc. Electromechanical transducer strain sensor arrangement and construction. 4,522,072, 6-11-85, Cl. 73-765.000.
- Sulpice, Andre: *See—*
    - Chaussy, Jacques; Genicon, Jean-Louis; Mazuer, Jean; Pilon, Jean; and Sulpice, Andre, 4,558,512, Cl. 29-599.000.
- Sulser, Ueli: *See—*
    - Zabel, Lutz D.; Widmer, Jurg; and Sulser, Ueli, 4,504,647, Cl. 528-68.000.
- Sulser, Ulrich: *See—*
    - Burge, Theodor A.; Widmer, Jurg; Meyer, Theodor; and Sulser, Ulrich, 4,501,839, Cl. 524-247.000.
- Sulzer Brothers Limited: *See—*
    - Ammann, Heinz, 4,524,727, Cl. 122-235.00A.
    - Ammann, Heinz, 4,546,731, Cl. 122-367.00R.
    - Breisinger, Otto; and Burgbacher, Herbert, 4,537,284, Cl. 184-7.400.
    - Brunner, Alfred, 4,516,750, Cl. 248-58.000.
    - Flaschel, Erwin; and Renken, Albert, 4,493,735, Cl. 134-25.100.
    - Frey, Otto, 4,523,587, Cl. 128-92.00C.
    - Frey, Otto, 4,528,702, Cl. 623-23.000.
    - Frey, Otto, 4,530,116, Cl. 623-23.000.
    - Grether, Paul; Brader, Kurt; and Keller, Bruno, 4,545,160, Cl. 52-172.000.
    - Grotloh, Karl H., 4,552,330, Cl. 251-30.010.
    - Hintsch, Otto; and Julich, Werner, 4,497,346, Cl. 139-66.00R.
    - Hintsch, Otto, 4,508,146, Cl. 139-196.200.
    - Hintsch, Otto; and Schmitz, Gerd, 4,518,019, Cl. 139-1.00R.
    - Hofstetter, Josef, 4,557,877, Cl. 261-97.000.
    - Holik, Herbert; and Kurtz, Rudiger, 4,551,204, Cl. 162-336.000.
    - Huber, Max, 4,497,752, Cl. 261-95.000.
    - Julich, Werner, 4,542,769, Cl. 139-66.00R.
    - Lincke, Paul, 4,491,158, Cl. 139-439.000.
    - Lincke, Paul; Kohlhaas, Oswin; and Wahhoud, Adnan, 4,505,306, Cl. 139-435.000.
    - Lincke, Paul, 4,513,792, Cl. 139-439.000.
    - Lincke, Paul, 4,532,965, Cl. 139-435.000.
    - Mandrin, Charles, 4,504,460, Cl. 423-580.000.
    - Meier, Bruno, 4,519,272, Cl. 74-752.00R.
    - Meier, Hans; and Staheli, Werner, 4,505,186, Cl. 92-5.00R.
    - Obrist, Albert; and Gadgill, Balkrishna B., 4,508,690, Cl. 423-173.000.
    - Pfarrwaller, Erwin, 4,534,386, Cl. 139-114.000.
    - Pluss, Raymond, 4,496,498, Cl. 261-95.000.
    - Pluss, Raymond, 4,497,751, Cl. 261-94.000.
    - Pluss, Raymond, 4,532,086, Cl. 261-94.000.
    - Rees, Karl, 4,537,156, Cl. 122-6.00A.
    - Rohr, Willy; Wollgarten, Kurt; and Vogel, Rudolf, 4,520,851, Cl. 139-448.000.
    - Russak, Steffen P., 4,513,943, Cl. 251-31.000.
    - Ruzek, Wolfgang, 4,494,484, Cl. 122-34.000.
    - Schreiber, Adam; and Hilaire, Jacob, 4,519,101, Cl. 3-1.912.
    - Simson, Dionizy, 4,532,860, Cl. 100-90.000.
    - Steiger, Anton, 4,535,817, Cl. 137-625.650.
    - Streiff, Felix, 4,497,753, Cl. 261-95.000.
    - Vezzu, Danilo; Moser, Walter; and Riesen, Peter, 4,546,799, Cl. 139-1.00C.
    - Walch, Hansjorg, 4,527,598, Cl. 139-435.000.
    - Weber, Bernhard G.; and Frey, Otto, 4,531,243, Cl. 623-22.000.
    - Weber, Max, 4,552,211, Cl. 165-160.000.
    - Zabelka, Jaroslav, 4,493,291, Cl. 122-7.00R.
    - Ziegler, Georg, 4,535,727, Cl. 122-32.000.
- Sulzer-Escher Wyss AG: *See—*
    - Faltys, Jan, 4,558,986, Cl. 415-150.000.
- Sulzer-Escher Wyss GmbH: *See—*
    - Dahl, Hans; Holik, Herbert; Kurtz, Rudiger; and Stotz, Wolf-Gunter, 4,556,454, Cl. 162-358.000.
    - Wuhrer, Wolfgang, 4,509,925, Cl. 440-67.000.
- Sulzer-Escher Wyss Ltd.: *See—*
    - Holliger, Karl, 4,545,726, Cl. 415-26.000.
    - Kubr, Vaclav; Mulhaupt, Bruno; and Paschedag, Hansjoachim, 4,493,768, Cl. 210-360.200.
    - Oertle, Jakob; and Mulhaupt, Bruno, 4,519,899, Cl. 208-179.000.
    - Paschedag, Hansjoachim; Mulhaupt, Bruno; and Kubr, Vaclav, 4,493,769, Cl. 210-360.200.
    - Rettich, Jakob; and Spiewok, Leonhard, 4,513,464, Cl. 8-159.000.
    - Schlatter, Beat; and Schnyder, Eugen, 4,530,227, Cl. 72-241.000.
    - Schlatter, Beat; and Schnyder, Eugen, 4,552,008, Cl. 72-243.000.
    - Winkler, Robert, 4,547,197, Cl. 23-302.00T.
- Sulzer Morat GmbH: *See—*
    - Leins, Eberhard; and Walter, Manfred, 4,539,826, Cl. 66-64.000.
    - Leins, Eberhard, 4,559,792, Cl. 66-125.00R.
    - Seidel, Adolf; Artzt, Peter; Egbers, Gerhard; Grimm, Helmut; Kunde, Klaus; and Schenek, Anton, 4,546,622, Cl. 66-9.00B.
- Sulzer-Ruti Machinery Works Limited: *See—*
    - Steiner, Alois, 4,492,254, Cl. 139-11.000.
    - Steiner, Alois, 4,492,255, Cl. 139-11.000.
    - Steiner, Alois, 4,498,501, Cl. 139-28.000.
    - Steiner, Alois, 4,531,553, Cl. 139-28.000.
- Sulzle, Walther, to Sulzle, Wilhelm. Apparatus for securing connectors to a fabric. 4,517,737, 5-21-85, Cl. 29-798.000.
- Sulzle, Wilhelm: *See—*
    - Sulzle, Walther, 4,517,737, Cl. 29-798.000.
- Sumal, Jaihind S., to Robert Bosch GmbH. Method for measuring air flow. 4,510,795, 4-16-85, Cl. 73-118.000.
- Sumal, Jaihind S., to Robert Bosch GmbH. Apparatus for measuring the mass of a flowing medium. 4,515,014, 5-7-85, Cl. 73-202.000.
- Sumal, Jaihind S., to Robert Bosch GmbH. Device for measuring the mass of a flowing medium. 4,554,829, 11-26-85, Cl. 73-204.000.
- Sumal, Jaihind S., to Robert Bosch GmbH. Method for measuring the flow rate of pulsating medium having a backflow. 4,555,937, 12-3-85, Cl. 73-118.000.
- Sumal, Jaihind S.; and Gneiss, Heinz, to Robert Bosch GmbH. Air flow rate meter. 4,561,302, 12-31-85, Cl. 73-202.000.
- Sumal, Jaihind S.: *See—*
    - Gneiss, Heinz; and Sumal, Jaihind S., 4,538,457, Cl. 73-204.000.
    - Gneiss, Heinz; Sumal, Jaihind S.; and Wunsch, Werner, 4,549,433, Cl. 73-204.000.
- Suman, Michael J.; and Clark, Russell L., to Prince Corporation. Visor pivot mount. 4,529,157, 7-16-85, Cl. 248-289.100.
- Sumansky, L. Walter, to United States Steel Corporation. Cleaning method for removing sulfur containing deposits from coke oven gas lines. 4,509,989, 4-9-85, Cl. 134-22.120.
- Sumegi, Gabor: *See—*
    - Ducza, Lajos; Jagicza, Laszlo ; Jaki, Laszlo ; Jodal, Sandor; Mandzsu, Jozsef; and Sumegi, Gabor, 4,528,932, Cl. 116-204.000.
- Sumerau, William R.; and Laing, Gordon E., to Singer Company, The. Filter bag for floor care appliance. 4,514,200, 4-30-85, Cl. 55-368.000.
- Sumerau, William R., to Singer Company, The. Handle construction for floor care appliance. 4,516,289, 5-14-85, Cl. 15-410.000.
- Sumerau, William R.: *See—*
    - Laing, Gordon E.; Harbeck, Martin E.; Jones, John E.; Sumerau, William R.; and Glenn, William K., III, 4,512,057, Cl. 15-320.000.
- Sumi, Akiyasu; and Kawai, Tohru, to Canon Kabushiki Kaisha. Filter mounting mechanism for an optical assembly. 4,536,057, 8-20-85, C 350-318.000.
- Sumi, Akiyasu: *See—*
    - Inaba, Hiroyoshi; Sumi, Akiyasu; Notagashira, Hidefumi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, 4,491,401, Cl. 354-271.100.
- Sumi, Koji: *See—*
    - Matsuzaki, Tadashi; and Sumi, Koji, 4,516,183, Cl. 361-71.000.

Sumi, Yasuo, to Nissan Motor Company, Limited. Supercharger for an engine with an engine-powered auxiliary device. 4,530,338, 7-23-85, Cl. 123-559.000.

Sumida, Atsushi; Ozaki, Keiichiro; and Watanabe, Shizuo, to Toray Industries, Inc. Method of producing carbon fibers. 4,517,169, 5-14-85, Cl. 423-447.400.

Sumida, Atsushi; and Watanabe, Shizuo, to Toray Industries, Inc. Carbon fiber and process for preparing same. 4,555,446, 11-26-85, Cl. 428-367.000.

Sumida, Atsushi: *See—*
- Torigata, Hajime; Sumida, Atsushi; and Matsubara, Nobuyuki, 4,552,743, Cl. 423-447.700.
- Yoshinaga, Minoru; and Sumida, Atsushi, 4,496,671, Cl. 523-206.000.

Sumida, Shizuo: *See—*
- Nagaoka, Mitsuru; Oda, Kazuya; and Sumida, Shizuo, 4,519,484, Cl. 192-3.580.

Sumida, Takenori: *See—*
- Miura, Yoshikazu; Horimoto, Koji; and Sumida, Takenori, 4,510,273, Cl. 523-406.000.

Sumida, Yuzo: *See—*
- Yamasaki, Harumasa; Kobayashi, Takatoshi; and Sumida, Yuzo, 4,497,930, Cl. 524-556.000.

Sumigama, Takashi: *See—*
- Shibata, Yoichi; Kimura, Ryosuke; Sumigama, Takashi; and Izumi, Masaro, 4,515,350, Cl. 266-92.000.

Sumigawa, Yukio, to Sanshin Kogyo Kabushiki Kaisha. Propeller for marine propulsion device. 4,552,511, 11-12-85, Cl. 416-242.000.

Sumihiro, Hiroshi: *See—*
- Asami, Shojiro; and Sumihiro, Hiroshi, 4,546,397, Cl. 360-99.000.

Sumino, Fumio: *See—*
- Ishikawa, Shozo; Toma, Hitoshi; and Sumino, Fumio, 4,535,043, Cl. 430-58.000.

Sumino, Shin. Rear dump truck with sieving device. 4,552,653, 11-12-85, Cl. 209-421.000.

Sumino, Toshihiko: *See—*
- Komatsu, Tatsuyoshi; Numata, Shigeaki; Hioki, Katsuhiko; and Sumino, Toshihiko, 4,530,745, Cl. 204-130.000.
- Komatsu, Tatsuyoshi; Numata, Shigeaki; Sumino, Toshihiko; Matsuzaki, Katsumi; Narita, Masao; and Hioki, Katsuhiko, 4,536,337, Cl. 260-396.00R.

Sumino, Yoichi; and Enjoji, Susumu, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasound diagnostic apparatus. 4,511,984, 4-16-85, Cl. 364-415.000.

Sumino, Yoichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic diagnosis apparatus using reduced numbers of photo transmission lines. 4,519,250, 5-28-85, Cl. 73-626.000.

Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, to Japan Synthetic Rubber Co., Ltd.; and Ricky Contact Lens Research Institute Inc. Process for producing colored contact lens. 4,494,954, 1-22-85, Cl. 8-507.000.

Suminoe, Taro; Ito, Tetsuo; Kiyomatsu, Yasuhiro; and Shimizu, Takao, to Japan Synthetic Rubber Co., Ltd.; and Ricky Contact Lens Research Institute Inc. Process for producing shaped articles having improved surfaces. 4,550,001, 10-29-85, Cl. 264-2.600.

Sumita, Manabu; and Yamashita, Toshiaki, to Murata Manufacturing Co., Ltd. Parallel type piezoelectric bimorph vibrator. 4,496,871, 1-29-85, Cl. 310-324.000.

Sumita, Osao: *See—*
- Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Sumita, Osao; and Itow, Hisao, 4,514,270, Cl. 204-151.000.
- Furutani, Yasumasa; Hira, Yasuo; Hasegawa, Takashi; Minato, Akira; Shoji, Saburo; and Sumita, Osao, 4,544,462, Cl. 204-129.000.

Sumitani, Katsuyoshi, to Sumitomo Gomu Kogyo Kabushiki Kaisha. Rubber tube for dredging work. 4,537,223, 8-27-85, Cl. 138-139.000.

Sumitani, Katsuyoshi; and Takehara, Yasuo, to Sumitomo Gomu Kogyo Kabushiki Kaisha. Rubber tube for dredging work. 4,537,224, 8-27-85, Cl. 138-139.000.

Sumitani, Koji; Sakai, Tokuji; Yamasaki, Yasuo; and Onodera, Tamio, to Teijin Petrochemical Industries Ltd. Production of crystalline zeolites. 4,557,919, 12-10-85, Cl. 423-329.000.

Sumitani, Koji: *See—*
- Onodera, Tamio; Sakai, Tokuji; Yamasaki, Yasuo; and Sumitani, Koji, 4,524,055, Cl. 423-328.000.

Sumitani, Sinya: *See—*
- Miyaki, Masahiko; Matsumura, Toshimi; Masuda, Akira; Sumitani, Sinya; Hasegawa, Takashi; and Hayakawa, Takahiro, 4,503,821, Cl. 123-357.000.

Sumitani, Tomoaki: *See—*
- Matsushita, Nobuo; Furukawa, Tokinobu; Shintani, Tetsuo; Sumitani, Tomoaki; and Oda, Chikao, 4,515,008, Cl. 73-53.000.

Sumitani, Toshihiko; and Komeda, Kenichiro, to Sharp Kabushiki Kaisha. Game calculating apparatus. 4,511,138, 4-16-85, Cl. 273-1.00E.

Sumito, Mitsuo: *See—*
- Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.

Sumitomo Aluminium Smelting Company, Ltd.: *See—*
- Yamada, Koichi; Mouri, Masahide; and Nomura, Yoshisaburo, 4,562,040, Cl. 419-23.000.

Sumitomo Bakelite Company Limited: *See—*
- Yanagida, Tomomi; Ajiki, Mitunori; and Suzuki, Shigeru, 4,499,145, Cl. 428-418.000.

Sumitomo Cement Co., Ltd.: *See—*
- Takagi, Shigehide; Yokota, Norio; Sato, Syohei; and Nishi, Toshihiro, 4,560,413, Cl. 106-120.000.

Sumitomo Chemical Company, Limited: *See—*
- Abe, Yasuaki; Hayashi, Mikio; Asagi, Kousaku; Morii, Akira; and Fujimura, Kazutoshi, 4,495,017, Cl. 156-181.000.
- Aratani, Tadatoshi; Yoshihara, Hiroshi; and Susukamo, Gohfu, 4,552,972, Cl. 556-35.000.
- Fujimoto, Keimei; Ohno, Nobuo; Okuno, Yoshitoshi; Mizutani, Toshio; Ohno, Isao; Hirano, Masachika; Itaya, Nobushige; and Matsuo, Takashi, 4,531,008, Cl. 549-447.000.
- Fukushima, Nobuo; Kitagawa, Yoshihiko; Okumura, Takuzo; and Sakakura, Kazuaki, 4,522,955, Cl. 521-143.000.
- Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,542,061, Cl. 428-220.000.
- Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,560,609, Cl. 428-220.000.
- Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, 4,522,966, Cl. 524-114.000.
- Funaki, Yuji; Oshita, Hirofumi; Yamamoto, Shigeo; Tanaka, Shizuya; and Kato, Toshiro, 4,554,007, Cl. 71-076.000.
- Furukawa, Hiroshi; and Saito, Yuichi, 4,521,587, Cl. 526-340.200.
- Furuzawa, Kunihiko; Funaki, Yuji; Hisada, Yoshio; and Izumi, Kazuo, 4,493,842, Cl. 424-273.00R.
- Hanji, Katsumi; and Kawai, Kiyoshi, 4,497,906, Cl. 502-110.000.
- Hanji, Katsumi; and Kawai, Kiyoshi, 4,550,094, Cl. 502-110.000.
- Hashimoto, Kiyoyasu; Yoshinaga, Kenji; Mori, Yoshio; Seino, Junzaburo; Kenmochi, Hirohito; and Sato, Katsunobu, 4,536,569, Cl. 534-575.000.
- Hattori, Makoto; Taguma, Akihiro; and Takeshita, Akira, 4,510,087, Cl. 260-371.000.
- Hattori, Makoto; Taguma, Akihiro; Morimitsu, Toshihiko; and Takeshita, Akira, 4,519,947, Cl. 260-371.000.
- Hirano, Masachika; Ohno, Isao; Ohno, Nobuo; and Mine, Akihiko, 4,503,071, Cl. 514-521.000.
- Horikiri, Shozo; Kadokura, Hidekimi; Harakawa, Masaji; Saegusa, Kunio; and Yamagiwa, Masao, 4,495,121, Cl. 264-56.000.
- Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, 4,507,417, Cl. 524-101.000.
- Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, 4,511,491, Cl. 252-404.000.
- Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, 4,507,303, Cl. 514-255.000.
- Ishizumi, Kikuo; Ohashi, Naohito; and Muramatsu, Michihisa, 4,540,695, Cl. 514-239.000.
- Ishizumi, Kikuo; Antoku, Fujio; and Asami, Yukio, 4,543,355, Cl. 514-253.000.
- Ishizumi, Kikuo; Muramatsu, Michihisa; Sato, Hiromi; Tanno, Norihiko; and Yoshida, Noboru, 4,545,936, Cl. 260-377.000.
- Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.
- Kadokura, Hidekimi; and Umezaki, Hiroshi, 4,498,931, Cl. 106-307.000.
- Kamio, Kunimasa; Takagishi, Hisao; and Kanagawa, Shuichi, 4,529,790, Cl. 528-107.000.
- Kasamatsu, Kiyoshi; and Konishi, Hiroyuki, 4,518,594, Cl. 514-155.000.
- Kato, Toshiro; Takahashi, Junya; and Kamoshita, Katsuzo, 4,501,756, Cl. 514-120.000.
- Kawai, Kiyoshi; Kokubo, Toshiyuki; and Miyoshi, Yoshihiro, 4,556,648, Cl. 502-112.000.
- Kayane, Yutaka; Omura, Takashi; Otake, Katsumasa; and Takeshita, Akira, 4,511,507, Cl. 534-629.000.
- Kayane, Yutaka; and Harada, Naoki, 4,548,612, Cl. 8-524.000.
- Kohsaka, Hideo; Sasaki, Mitsuru; and Ishiguri, Yukio, 4,522,817, Cl. 514-95.000.
- Kohsaka, Hideo; Mitsuru, Sasaki; and Ishiguri, Yukio, 4,522,942, Cl. 514-95.000.
- Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,540,824, Cl. 568-45.000.
- Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,545,812, Cl. 71-103.000.
- Masuko, Fujio; and Katsura, Tadashi, 4,536,599, Cl. 564-124.000.
- Matsui, Masanao; Chun-Eng, Liau; Kogami, Kunio; Yano, Toshihiko; and Matsuo, Noritada, 4,496,586, Cl. 514-531.000.
- Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzaki, Takuya; and Imai, Kazuyoshi, 4,517,246, Cl. 428-407.000.
- Minai, Masayoshi; and Katsura, Tadashi, 4,496,767, Cl. 568-346.000.
- Minai, Masayoshi; and Katsura, Tadashi, 4,511,655, Cl. 435-149.000.
- Minai, Masayoshi; and Katsura, Tadashi, 4,535,182, Cl. 560-231.000.
- Minai, Masayoshi; Katsura, Tadashi; Hamada, Kazuhiko; and Suzukamo, Gohfu, 4,542,235, Cl. 562-401.000.
- Mitsuno, Tatsuyuki; and Yamamoto, Masashi, 4,521,487, Cl. 428-407.000.
- Mori, Kenji; and Uematsu, Tamon, 4,511,726, Cl. 549-283.000.
- Mori, Tadashi; and Nakajima, Teruo, 4,529,603, Cl. 514-565.000.
- Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, 4,556,689, Cl. 525-54.100.
- Nagasawa, Takashi; and Nakata, Tiaki, 4,496,685, Cl. 524-708.000.

Nakayama, Koji; Yoshida, Ryo; and Matsumoto, Hiroshi, 4,508,562, Cl. 71-94.000.
Narabayashi, Hirotaro; Kondo, Tomoyoshi; Hayashi, Akira; and Suzuki, Tomokazu, 4,497,826, Cl. 514-567.000.
Nishida, Sumio; Matsuo, Noritada; Tsushima, Kazunori; Hatakoshi, Makoto; and Hirano, Masachika, 4,562,213, Cl. 514-721.000.
Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,496,739, Cl. 548-321.000.
Ohashi, Naohito; Shimago, Kozo; Ikeda, Takaharu; and Ishizumi, Kikuo, 4,544,635, Cl. 435-121.000.
Ohashi, Naohito; Nagata, Shoji; and Ishizumi, Kikuo, 4,562,263, Cl. 548-479.000.
Ohsumi, Tadashi; Inoue, Satoru; and Maeda, Kiyoto, 4,511,581, Cl. 514-617.000.
Ohsumi, Tadashi; Hatakoshi, Makoto; and Kisida, Hirosi, 4,514,406, Cl. 514-352.000.
Oi, Naobumi; and Kitahara, Hajimu, 4,512,898, Cl. 210-656.000.
Okamoto, Hideho; Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,515,866, Cl. 428-614.000.
Okamoto, Hideho; and Nishio, Ken-ichi, 4,544,610, Cl. 428-611.000.
Omura, Takashi; Takahashi, Mikoto; Harada, Naoki; and Takeshita, Akira, 4,505,714, Cl. 8-549.000.
Omura, Takashi; Harada, Naoki; and Tezuka, Yasuo, 4,530,996, Cl. 534-642.000.
Ono, Keiichi; Sugie, Akihiko; Kawakami, Hajime; Sami, Shunsuke; Kojima, Atsuyuki; and Katsube, Junki, 4,493,846, Cl. 424-308.000.
Ono, Keiichi; Sugie, Akihiko; Muraoka, Masami; and Yamamoto, Michihiro, 4,537,989, Cl. 562-501.000.
Otake, Katsumasa; Omura, Takashi; Kayane, Yutaka; and Imada, Kunihiko, 4,540,418, Cl. 8-524.000.
Otake, Katsumasa; Ikeda, Takashi; Omura, Takashi; and Imada, Kunihiko, 4,551,150, Cl. 8-496.000.
Saegusa, Takeo; Kobayashi, Shiro; and Moriuchi, Yasuhiro, 4,540,747, Cl. 525-410.000.
Sagou, Masakazu, 4,544,773, Cl. 568-487.000.
Saita, Kenji; and Fujioka, Syozo, 4,556,501, Cl. 252-70.000.
Saito, Kenji; and Yamachika, Hiroshi, 4,510,329, Cl. 568-310.000.
Saji, Ikutaro; Sato, Renzo; Hanma, Noritaka; and Motoike, Yasuo, 4,526,983, Cl. 548-341.000.
Sasaki, Mitsuru; and Ishiguri, Yukio, 4,544,652, Cl. 514-127.000.
Sasaki, Mitsuru; and Ishiguri, Yukio, 4,554,111, Cl. 260-502.40R.
Sasakura, Masaaki; and Imada, Kunihiko, 4,557,731, Cl. 8-531.000.
Sato, Hiroshi; Ishii, Norio; and Nakamura, Shyuzo, 4,499,321, Cl. 585-486.000.
Sato, Hiroshi; and Nakamura, Shuzo, 4,551,568, Cl. 568-939.000.
Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, 4,504,637, Cl. 526-119.000.
Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, 4,514,512, Cl. 502-107.000.
Shiga, Akinobu; Sasaki, Toshio; and Kojima, Junpei, 4,533,706, Cl. 526-119.000.
Shiga, Akinobu; Kakugo, Masahiro; Kojima, Junpei; and Wakatsuki, Kizuku, 4,551,501, Cl. 525-88.000.
Shiga, Akinobu; Sasaki, Toshio; Kojima, Junpei; and Nunose, Akira, 4,554,264, Cl. 502-112.000.
Shimidzu, Yasutaka; Kenmochi, Hirohito; Ueno, Toshihiko; and Tani, Chizuka, 4,505,549, Cl. 350-349.000.
Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, 4,511,711, Cl. 528-489.000.
Shimomura, Takatoshi; Fujita, Fumio; and Hirakawa, Manabu, 4,548,769, Cl. 264-22.000.
Shinjo, Goro; Makita, Mitsuyasu; and Tsuda, Shigenori, 4,562,062, Cl. 424-45.000.
Shiota, Katsuyuki; Tanaka, Kunihiko; and Minai, Masayoshi, 4,540,825, Cl. 568-341.000.
Sunagawa, Makoto; Matsumura, Haruki; Inoue, Takaaki; and Hirohashi, Toshiyuki, 4,536,334, Cl. 260-239.00A.
Sunagawa, Makoto; Goda, Koshiro; Enomoto, Masao; and Sasaki, Akira, 4,556,514, Cl. 260-239.00A.
Suzukamo, Gohfu; Tamura, Mitsuhisa; and Fukao, Masami, 4,547,586, Cl. 560-211.000.
Tagami, Manabu; Urayama, Kenzi; Ooishi, Tadashi; Okamoto, Yukikazu; and Tsuji, Kozo, 4,536,498, Cl. 514-147.000.
Takahashi, Takeo; Shimago, Kozo; and Maeshima, Kaoru, 4,537,973, Cl. 548-303.000.
Takahashi, Yukoh; Yachigo, Shinichi; and Ishii, Tamaki, 4,539,355, Cl. 524-131.000.
Takahashi, Yukoh; Terada, Yutaka; Yachigo, Shinichi; and Ishii, Tamaki, 4,562,281, Cl. 560-104.000.
Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.
Terashima, Shiro; Tamoto, Katsumi; and Sugimori, Masamichi, 4,495,103, Cl. 260-351.100.
Terashima, Shiro; Tamoto, Katsumi; and Koga, Kenji, 4,501,700, Cl. 260-351.500.
Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,503,005, Cl. 264-102.000.
Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,542,203, Cl. 528-126.000.
Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, 4,560,740, Cl. 528-125.000.
Umemura, Takeaki; Inoue, Ayumu; and Mitsuda, Satoshi, 4,552,703, Cl. 260-466.000.
Yachigo, Shinichi; Ishii, Tamaki; Takahashi, Yukoh; and Terada, Yutaka, 4,525,514, Cl. 524-291.000.
Yamachika, Hiroshi; and Nakanishi, Hirotoshi, 4,500,721, Cl. 549-362.000.
Yamada, Yoshimi; Ooishi, Tadashi; Kato, Toshiro; and Mukai, Kunio, 4,507,284, Cl. 514-140.000.
Yamahira, Yoshiya; Shima, Katsuhiko; Matsusaka, Chikako; and Noguchi, Tetsuo, 4,514,386, Cl. 424-81.000.
Yamamoto, Kazuhito; and Takenaka, Toshio, 4,515,917, Cl. 524-178.000.
Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.
Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,526,841, Cl. 428-614.000.
Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,547,435, Cl. 428-614.000.

Sumitomo Corporation: *See—*
- Hirano, Yutaka; and Kawai, Hiroki, 4,552,601, Cl. 156-79.000.

Sumitomo Durez Company, Ltd.: *See—*
- Nakamura, Masayuki; Tsuriya, Masaaki; and Funabashi, Masahiko, 4,501,836, Cl. 524-66.000.
- Nishimura, Toshiaki, 4,539,343, Cl. 523-145.000.
- Saeki, Yukio, 4,529,751, Cl. 523-145.000.

Sumitomo Electric Industries, Ltd.: *See—*
- Abe, Hiroshi; Sato, Nobuhiro; Ono, Kimizo; and Hirano, Kazuo, 4,513,751, Cl. 128-666.000.
- Chigusa, Yoshiki, 4,553,995, Cl. 65-4.200.
- Daiguji, Hisashi; and Tanaka, Ikuo, 4,557,007, Cl. 14-22.000.
- Doi, Yoshihiko; Maeda, Yoshiki; and Kobayashi, Mitsunori, 4,507,189, Cl. 204-192.00N.
- Edahiro, Takao; Inagaki, Nobuo; and Kurosaki, Shiro, 4,528,010, Cl. 65-18.100.
- Hara, Akio; Miyake, Masaya; and Yazu, Shuji, 4,492,846, Cl. 219-121.0LC.
- Hayashi, Hideki; and Kikuchi, Kenichi, 4,521,888, Cl. 372-50.000.
- Hibino, Yutaka, 4,552,819, Cl. 428-516.000.
- Itaka, Koshi; and Hara, Takushi, 4,496,789, Cl. 174-22.00C.
- Iwata, Hitoshi; Hashimoto, Yoshihiro; and Yamada, Katsuhiko, 4,526,627, Cl. 148-12.00B.
- Kakii, Toshiaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi; and Matsumoto, Michito, 4,526,732, Cl. 264-2.700.
- Kamijo, Eiji; and Higuchi, Matsuo, 4,556,416, Cl. 75-0.50B.
- Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Miyake, Masayoshi, 4,511,624, Cl. 428-379.000.
- Kawasaki, Akihisa; Tada, Kohji; Kotani, Toshihiro; and Miyazawa, Shintaro, 4,537,652, Cl. 156-617.0SP.
- Kazuoka, Koji; Suganuma, Testuya; Motooka, Naoki; and Kuroishi, Nobuhito, 4,546,737, Cl. 123-188.00S.
- Kita, Yasuo; Moriya, Michio; and Yoshida, Kenichi, 4,512,615, Cl. 303-97.000.
- Kobayashi, Yoshinobu; Ueno, Tamio; and Kanagawa, Kozi, 4,491,967, Cl. 455-41.000.
- Kodama, Hiroaki; Kubo, Tetsuo; and Miwa, Sinkichi, 4,555,799, Cl. 382-8.000.
- Koshino, Yoshinori; and Nakajima, Shiro, 4,548,301, Cl. 188-196.00C.
- Masuda, Shigeo; and Katsuda, Morihiko, 4,552,599, Cl. 156-50.000.
- Mitsui, Tsutomu; Tada, Konji; Kuhara, Yoshiki; and Tatsumi, Masami, 4,560,932, Cl. 324-244.000.
- Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, 4,545,801, Cl. 65-157.000.
- Miyake, Masayoshi; Ueoka, Isao; Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Yamamoto, Teruyuki, 4,508,779, Cl. 428-383.000.
- Miyazawa, Shintaro; Nanishi, Yasushi; Tada, Kohji; Kawasaki, Akihisa; and Kotani, Toshihiro, 4,528,061, Cl. 156-605.000.
- Moriya, Michio, 4,492,411, Cl. 303-6.00C.
- Moriya, Michio, 4,553,787, Cl. 303-6.00C.
- Moriyama, Masakazu; Shinohara, Toshio; Hirano, Kazuo; and Makino, Fumio, 4,516,121, Cl. 340-825.050.
- Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, 4,529,263, Cl. 350-96.200.
- Murakami, Kazuhito; and Takahashi, Kenichi, 4,521,073, Cl. 350-96.340.
- Murakami, Kazuhito; and Takahashi, Kenichi, 4,552,434, Cl. 350-96.300.
- Nagasaki, Shoji; Kojima, Keiichi; and Ueno, Keiji, 4,540,597, Cl. 427-44.000.
- Nakai, Ryusuke, 4,556,784, Cl. 219-425.000.
- Nakai, Tetsuo; and Yazu, Shuji, 4,505,746, Cl. 75-243.000.
- Negishi, Yukiyasu; Ishida, Yukinori; Saito, Yasunori; and Tanaka, Shigeru, 4,491,386, Cl. 350-96.230.
- Nishiwaki, Yoshikazu, 4,508,420, Cl. 350-3.600.
- Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Okamoto, Kenji, 4,560,249, Cl. 350-162.170.
- Okamoto, Kenji; Nishiwaki, Yoshikazu; Matsuoka, Shunji; and Nishiura, Yozo, 4,517,280, Cl. 430-321.000.
- Okita, Koichi; and Asako, Shigeru, 4,496,507, Cl. 264-127.000.
- Okita, Koichi, 4,533,369, Cl. 55-158.000.
- Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, 4,506,109, Cl. 174-128.00S.
- Ono, Kimizo, 4,548,505, Cl. 356-445.000.
- Ono, Kimizo; and Tsuno, Koichi, 4,557,598, Cl. 356-241.000.
- Saegusa, Yasuyoshi, 4,504,202, Cl. 418-150.000.
- Saegusa, Yasuyoshi, 4,518,332, Cl. 418-150.000.
- Saito, Shigeo; and Nagata, Masayuki, 4,537,642, Cl. 148-11.50Q.

- Sato, Ken-ichi; Takano, Satoshi; and Miyazaki, Kenji, 4,556,609, Cl. 428-659.000.
- Sato, Kenichi; Takano, Satoshi; and Miyazaki, Kenji, 4,552,788, Cl. 427-374.500.
- Sato, Mitomu; Nakatani, Toshikazu; Yamashita, Katsumi; and Ogata, Terumi, 4,541,145, Cl. 24-19.000.
- Satoh, Koji; Ooka, Akihiro; and Wada, Yutaka, 4,542,526, Cl. 382-13.000.
- Shiga, Tetsuya; Okawa, Shinichi; Yoshida, Kenichi; and Hiramoto, Junichi, 4,517,982, Cl. 128-635.000.
- Sunago, Katsuyoshi; and Iwamoto, Tomio, 4,492,230, Cl. 128-303.100.
- Sunago, Katsuyoshi; and Takenaka, Shinya, 4,517,973, Cl. 128-303.100.
- Sunago, Katsuyoshi, 4,545,657, Cl. 350-600.000.
- Tada, Hideaki; and Aoki, Yoshiaki, 4,491,476, Cl. 75-124.000.
- Takemoto, Akira, 4,507,594, Cl. 318-615.000.
- Takenaka, Shinya; and Sunago, Katsuyoshi, 4,538,609, Cl. 128-303.100.
- Toda, Yuichi; Sakamoto, Katsuji; Tanaka, Shigeru; and Kameo, Yuji, 4,549,391, Cl. 57-13.000.
- Tomita, Kazuichi; Mano, Hiroshi; Matsuyama, Fumio; and Isomura, Akihiko, 4,539,113, Cl. 210-323.200.
- Tsuji, Kazuo, 4,544,540, Cl. 423-446.000.
- Tsukamoto, Shinya; Takahashi, Kunihiro; and Doi, Akira, 4,501,717, Cl. 419-58.000.
- Tsuno, Koichi, 4,522,113, Cl. 92-113.000.
- Ueba, Yoshinobu; and Miyake, Shinichi, 4,505,543, Cl. 350-96.340.
- Yamamoto, Susumu; and Sato, Kazuyoshi, 4,537,808, Cl. 428-36.000.
- Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, 4,512,281, Cl. 118-627.000.
- Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, 4,539,219, Cl. 427-32.000.
- Yokota, Minoru; Murakami, Kazuhito; and Takahashi, Kenichi, 4,504,298, Cl. 65-3.110.
- Yoshida, Kenichi; Ono, Kimizo; and Iwamoto, Tomio, 4,494,823, Cl. 350-96.220.
- Yoshida, Kenichi; Yokohara, Takashi; Ono, Kimizo; Nishiwaki, Yoshikazu; and Tsuno, Koichi, 4,547,072, Cl. 356-350.000.
- Yuto, Masao; and Suzuki, Yoichi, 4,547,328, Cl. 264-45.900.

Sumitomo Gomu Kogyo Kabushiki Kaisha: *See—*

- Furukawa, Genzo; Sugie, Yutaka; and Fujii, Masami, 4,507,015, Cl. 404-103.000.
- Imahori, Jumpei; and Sugie, Yutaka, 4,523,542, Cl. 118-663.000.
- Nagao, Masatoshi, 4,546,856, Cl. 182-228.000.
- Saito, Ryosuke, 4,494,474, Cl. 114-219.000.
- Sumitani, Katsuyoshi, 4,537,223, Cl. 138-139.000.
- Sumitani, Katsuyoshi; and Takehara, Yasuo, 4,537,224, Cl. 138-139.000.

Sumitomo Heavy Industries, Ltd.: *See—*

- Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, 4,536,211, Cl. 75-5.000.
- Kanamori, Toshio, 4,537,241, Cl. 164-442.000.
- Kato, Hisanori; and Takagi, Tomio, 4,502,591, Cl. 198-621.000.
- Kato, Hisanori; and Okawa, Masao, 4,542,660, Cl. 74-27.000.
- Matsuoka, Toshio; Kurozu, Shinichi; and Sugimori, Seiji, 4,547,219, Cl. 75-29.000.
- Minegishi, Kiyoji, 4,561,833, Cl. 418-61.00B.
- Nishiike, Naritoshi; Nishimaki, Takashi; Miura, Yasushi; and Kumamura, Masaaki, 4,555,228, Cl. 425-185.000.
- Okawa, Masao, 4,511,029, Cl. 198-621.000.
- Yamaji, Hiromasa; and Kobayashi, Yuji, 4,494,905, Cl. 414-584.000.

Sumitomo, Hiroyuki: *See—*

- Uehara, Haruo; and Sumitomo, Hiroyuki, 4,492,268, Cl. 165-166.000.
- Yamada, Ken'ichi; Sumitomo, Hiroyuki; Horiguchi, Akira; and Masutani, Kenzo, 4,509,592, Cl. 165-166.000.

Sumitomo Kinzoku Kogyo Kabushiki Kaisha: *See—*

- Kondo, Katsuya; and Tajima, Shigeru, 4,506,197, Cl. 318-34.000.
- Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.

Sumitomo Light Metal Industries, Ltd.: *See—*

- Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, 4,547,274, Cl. 204-129.400.
- Tanabe, Zenichi; Itoh, Katsuhisa; and Watanabe, Yoshiaki, 4,521,284, Cl. 204-71.000.
- Yoshida, Masahiro; and Inumaru, Susumu, 4,558,730, Cl. 164-487.000.

Sumitomo Metal Industries, Ltd.: *See—*

- Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, 4,536,211, Cl. 75-5.000.
- Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.
- Hayashi, Chihiro; and Nakasuji, Kazuyuki, 4,510,787, Cl. 72-368.000.
- Hayashi, Chihiro; and Nakasuji, Kazuyuki, 4,512,177, Cl. 72-368.000.
- Hiraoka, Bunsho; Tanaka, Tsutomu; and Okane, Koji, 4,559,062, Cl. 48-92.000.
- Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, 4,512,368, Cl. 137-561.00A.
- Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, 4,523,530, Cl. 110-264.000.
- Masui, Takeshi; and Nakano, Junsuke, 4,528,830, Cl. 72-16.000.
- Matsuda, Yukio; Tachibana, Kenzo; and Ueno, Tsutomu, 4,555,921, Cl. 72-224.000.
- Moroishi, Taishi; Fujikawa, Hisao; Murayama, Junichiro; and Shoji, Yuji, 4,530,720, Cl. 75-128.00A.
- Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; Furujho, Sakae; Okane, Kohji; and Anezaki, Shoji, 4,522,650, Cl. 75-48.000.
- Nakate, Hiroshi; Kondo, Masatoshi; and Gosho, Nobuyuki, 4,523,072, Cl. 219-67.000.
- Nakazato, Takuzo; Okuto, Koichiro; and Kai, Toshio, 4,534,678, Cl. 405-204.000.
- Okane, Kohji; Nakajima, Hidemasa; Okamura, Shozo; Sueyasu, Masanobu; and Manago, Takashi, 4,541,617, Cl. 266-65.000.
- Shiroyama, Shoichi; Yamashita, Kazuo; and Morishita, Katsuji, 4,506,868, Cl. 267-3.000.
- Sudoh, Chuzoh; Hagita, Hyoji; Asakawa, Motoo; Nagai, Hiroshi; and Aihara, Kenji, 4,545,227, Cl. 72-12.000.
- Sudoh, Chuzoh; Hagita, Hyoji; and Fujii, Satoru, 4,553,416, Cl. 72-40.000.
- Tanoue, Toyosuke; Sueyasu, Masanobu; Fukuda, Mitsuichiro; and Matsuo, Tohru, 4,545,786, Cl. 48-92.000.
- Tsukamoto, Takashi; Sudo, Chuzo; Aihara, Kenji; and Nishimura, Syozi, 4,525,598, Cl. 174-128.00R.
- Wachi, Sadayuki; Ohiwa, Kenichi; Shimada, Yasuo; and Hino, Takao, 4,553,931, Cl. 432-246.000.
- Yamaoka, Hideyuki; Hatano, Michiharu; Miyazaki, Tomio; Shimoda, Teruhisa; and Oki, Koji, 4,504,043, Cl. 266-160.000.

Sumitomo Metal Mining Company Limited: *See—*

- Kato, Yoshihisa, 4,523,218, Cl. 357-70.000.
- Miyazaki, Shu, 4,512,843, Cl. 156-644.000.
- Nakahira, Hiroshi; and Kubo, Shigeki, 4,532,112, Cl. 423-87.000.
- Yasukawa, Motohiro; Ishikawa, Yukio; Ojima, Yasuo; Harada, Hiromi; and Mori, Yoshiaki, 4,525,208, Cl. 75-25.000.

Sumitomo Naugatuck Co., Ltd.: *See—*

- Sakano, Hajime; Ito, Akitoshi; Yano, Motoichi; Honda, Yasuhiro; and Fujiwara, Takayoshi, 4,554,316, Cl. 525-71.000.

Sumitomo Rubber Industries, Inc.: *See—*

- Kurahashi, Koichiro, 4,504,520, Cl. 427-44.000.
- Tominaga, Ichiro; and Sasaki, Teruo, 4,543,827, Cl. 73-602.000.

Sumitomo Rubber Industries, Ltd.: *See—*

- Arimatsu, Toshio, 4,542,466, Cl. 364-473.000.
- Furukawa, Hiroshi; and Saito, Yuichi, 4,521,587, Cl. 526-340.200.
- Nakada, Shinichi, 4,526,375, Cl. 273-235.00R.
- Oiwa, Isao, 4,512,664, Cl. 366-76.000.
- Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.
- Tominaga, Ichiro; and Nakahara, Akihiro, 4,556,220, Cl. 273-218.000.
- Tominaga, Ichiro; and Nakahara, Akihiro, 4,561,657, Cl. 273-218.000.
- Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.

Sumitomo Special Metals Co., Ltd.: *See—*

- Endo, Masaji; and Hikone, Takami, 4,496,402, Cl. 148-31.570.

- Sumiya, Kenji; Togawa, Fumio; and Saito, Osamu, to Hitachi Maxell, Ltd. Magnetic recording medium. 4,536,444, 8-20-85, Cl. 428-340.000.
- Sumiya, Koji; and Kuramochi, Kojiro, to Aisin Warner Kabushiki Kaisha; and Toyota Jidosha Kogyo Kabushiki Kaisha. Hydraulic pressure regulating system for a vehicle automatic transmission. 4,509,391, 4-9-85, Cl. 74-869.000.

Sumiya, Mitsuo: *See—*

- Kamiya, Masashi; Ueda, Katsunobu; Sumiya, Mitsuo; and Tsukada, Tameyasu, 4,512,626, Cl. 350-6.800.
- Kamiya, Masashi; Sumiya, Mitsuo; and Yamaguchi, Ryoji, 4,538,081, Cl. 310-90.000.

- Sumiyoshi, Kikuo; Sato, Eiji; Kojima, Masamitsu; Izumi, Masayoshi; and Miyasaka, Kingo, to Oiles Industry Co., Ltd. Heat-resistant shift member. 4,547,434, 10-15-85, Cl. 428-609.000.
- Sumiyoshi, Kikuo; Sato, Eiji; Hirai, Kazuo; Miyasaka, Kingo; and Izumi, Masayoshi, to Oiles Industry Co., Ltd. Heat-resistant shift member. 4,551,393, 11-5-85, Cl. 428-609.000.
- Sumiyoshi, Kikuo; and Miyasaka, Kingo, to Oiles Industry Co., Ltd. Sliding member. 4,559,248, 12-17-85, Cl. 428-36.000.

Sumiyoshi, Kikuo: *See—*

- Arigaya, Hideto; Katsui, Yoshihiro; Sumiyoshi, Kikuo; Sato, Eiji; and Miyasaka, Kingo, 4,559,249, Cl. 428-36.000.

Sumka, Elmer H.: *See—*

- De Lorenzi, John J.; and Sumka, Elmer H., 4,499,973, Cl. 187-29.000.
- Shea, Henry J.; and Sumka, Elmer H., 4,491,199, Cl. 187-29.00R.

Summagraphics Corporation: *See—*

- Ferrara, Daniel A., 4,546,948, Cl. 248-454.000.
- Whetstone, Albert L., 4,514,688, Cl. 324-208.000.

- Summerfield, Anthony J., to Singer Company, The. Image pick-up assembly for a vehicle training simulator. 4,538,992, 9-3-85, Cl. 434-38.000.
- Summers, Anthony C., to General Signal Corporation. Extended hub valve closure member. 4,491,299, 1-1-85, Cl. 251-308.000.
- Summers, Christopher P., to U.S. Philips Corporation. Electrical data pulse processing. 4,503,547, 3-5-85, Cl. 375-76.000.

- Summers, David P., to Forerank, Inc. Pipe coupling. 4,531,768, 7-30-85, Cl. 285-338.000.
- Summers, David P., to Forerank, Inc. Valve incorporating deformable valve body. 4,534,541, 8-13-85, Cl. 251-331.000.
- Summers, Frank V.; Meissner, David C.; and Brown, Ronald, to Midrex International BV Rotterdam, Zurich Branch. Apparatus for generating a reducing gas. 4,553,742, 11-19-85, Cl. 266-156.000.
- Summers, James H.: *See—*
  - Peek, Charles L.; Richey, Phillip C.; and Summers, James H., 4,559,614, Cl. 364-900.000.
- Summers, Kenneth L.; and Baughman, Gary M., to Rieke Corporation. Snap-on, tamper-evident container closure. 4,534,481, 8-13-85, Cl. 215-253.000.
- Summers, Mark A.; Eimerl, David; and Boyd, Robert D., to United States of America, Energy. Optical harmonic generator. 4,510,402, 4-9-85, Cl. 307-427.000.
- Summers, Mark A.; Hagen, Wilhelm F.; and Boyd, Robert D., to United States of America, Energy. Scattering apodizer for laser beams. 4,537,475, 8-27-85, Cl. 350-448.000.
- Summers, Mark A., to United States of America, Energy. Reflex ring laser amplifier system. 4,549,144, 10-22-85, Cl. 330-4.300.
- Summerville, Don S.: *See—*
  - King, Eddie W.; Duke, Herman K.; and Summerville, Don S., 4,554,419, Cl. 200-5.00A.
- Summerville, James E., Jr., heir: *See—*
  - Stackman, Robert W.; Summerville, Richard H., deceased; and Summerville, James E., Jr., heir, 4,554,377, Cl. 564-205.000.
- Summerville, Richard H., deceased: *See—*
  - Stackman, Robert W.; Summerville, Richard H., deceased; and Summerville, James E., Jr., heir, 4,554,377, Cl. 564-205.000.
- Sumner, Anthony J. M., to Apsley Metals Limited. Apparatus for the manufacture of tires. 4,561,927, 12-31-85, Cl. 156-406.200.
- Sumner, Cyril R.: *See—*
  - Regalbuto, John A.; Patton, James B.; and Sumner, Cyril R., 4,512,418, Cl. 175-4.560.
- Sumner, Earl C., to Duriron Company, Inc., The. Method of joining materials by mechanical interlock and article. 4,560,607, 12-24-85, Cl. 428-141.000.
- Sumner, Emmons F.: *See—*
  - Cairns, Thomas M.; Dewar, John H.; and Sumner, Emmons F., 4,531,808, Cl. 339-258.00S.
- Sumner, John H.: *See—*
  - Allen, Danny H.; and Sumner, John H., 4,498,504, Cl. 139-302.000.
- Sumner, Leslie, to Gallaher Limited. Material handling device. 4,519,298, 5-28-85, Cl. 92-103.00F.
- Sumner, Maurice N., to McNally Pittsburg, Inc. Conveyor shifting apparatus and process. 4,538,722, 9-3-85, Cl. 198-861.200.
- Sumner, William C., Jr.; Hoyer, Gale G.; and Kozak, William G., to Dow Chemical Company, The. Method of removing water from alkali metal hydroxide solutions. 4,505,885, 3-19-85, Cl. 423-592.000.
- Sump, Cord H., to Combustion Engineering, Inc. Process for bonding refractory to surfaces. 4,504,440, 3-12-85, Cl. 419-3.000.
- Sumpter, Irvin L.: *See—*
  - Peters, Donald L.; Rathman, John R.; and Sumpter, Irvin L., 4,510,116, Cl. 264-529.000.
- Sumrall, Calhoun W.: *See—*
  - Bains, William R.; and Sumrall, Calhoun W., 4,522,357, Cl. 244-3.220.
- Sumrall, Howell M. Impelling mechanism. 4,536,142, 8-20-85, Cl. 418-227.000.
- Sumskoi Filial Kharkovskogo Politekhnicheskogo Instituta: *See—*
  - Kholin, Boris G., 4,501,257, Cl. 124-81.000.
- Sumtak Corporation: *See—*
  - Kano, Takao; and Makino, Katsuhiko, 4,556,792, Cl. 250-231.0SE.
  - Suzuki, Masato, 4,559,524, Cl. 340-347.00P.
- Sun, Anthony M. F.: *See—*
  - Goosen, Mattheus F. A.; and Sun, Anthony M. F., 4,492,684, Cl. 424-19.000.
- Sun Arrow Koeki Company Ltd.: *See—*
  - Kato, Yoshinobu, 4,491,702, Cl. 200-5.00A.
- Sun, Ben. Fluid tap. 4,529,005, 7-16-85, Cl. 137-625.320.
- Sun Carriers, Inc.: *See—*
  - Hepp, Peter S., 4,545,710, Cl. 410-32.000.
- Sun Chemical Corporation: *See—*
  - Chamberlain, Terence R., 4,508,899, Cl. 544-225.000.
  - Comerford, John J.; and Lupoli, Peter J., 4,527,048, Cl. 219-269.000.
  - Floyd, William C.; and North, Bernard F., 4,505,712, Cl. 8-186.000.
  - Floyd, William C., 4,537,634, Cl. 106-214.000.
  - Floyd, William C., 4,547,580, Cl. 549-379.000.
  - Horwitt, Laurence G., 4,497,226, Cl. 81-474.000.
  - Hui, Sai H., 4,544,609, Cl. 428-507.000.
  - Kovalsky, Stephen J., 4,523,952, Cl. 106-20.000.
  - Lupoli, Peter J., 4,537,049, Cl. 70-277.000.
  - Mattis, Donald J., 4,498,726, Cl. 339-182.00R.
  - Skrypek, John P.; Williams, Robert; Dominico, James W.; and Rohr, Albin, 4,543,883, Cl. 101-38.00A.
  - Wieme, Samuel P.; and Williams, Robert, 4,544,915, Cl. 340-347.00P.
- Sun Coast Plastics, Inc.: *See—*
  - Dutt, Herbert V.; and Santostasi, Paul A., 4,526,282, Cl. 215-252.000.
  - Dutt, Herbert V.; and Santostasi, Paul A., 4,552,328, Cl. 249-67.000.
  - Dutt, Herbert V., 4,560,077, Cl. 215-307.000.
  - Santostasi, Paul A.; Dutt, Herbert V.; and Pirkau, Arno F., 4,534,480, Cl. 215-252.000.
- Sun Dengyosha Company, Limited: *See—*
  - Fukushima, Toshitsugi, 4,496,813, Cl. 200-314.000.
- Sun-Diamond Growers of California: *See—*
  - Gunnerson, Robert E., 4,554,168, Cl. 426-473.000.
- Sun, Eleanor: *See—*
  - Holmes, Rory A.; and Sun, Eleanor, 4,501,792, Cl. 428-299.000.
- Sun Electric Corporation: *See—*
  - Swis, Philip E.; and DiFonzo, Anthony E., 4,518,268, Cl. 374-144.000.
- Sun-Flo International, Inc.: *See—*
  - Cabus, Marcello M.; Howard, Billy D.; Colt, James W.; and Tuft, Edward S., 4,534,118, Cl. 34-34.000.
- Sun, Franklin K.: *See—*
  - Lewis, George K.; Sun, Franklin K.; Keene, Douglas L.; and Fidel, Howard F., 4,492,120, Cl. 73-625.000.
- Sun Longitude Corporation: *See—*
  - Hsi-Shan, Chen, 4,494,275, Cl. 16-314.000.
- Sun Microsystems, Inc.: *See—*
  - Bechtolsheim, Andreas, 4,550,368, Cl. 364-200.000.
  - Bechtolsheim, Andreas V., 4,527,232, Cl. 364-200.000.
- Sun, Ming, to Abbott Laboratories. Stabilized peroxidase compositions. 4,504,579, 3-12-85, Cl. 435-28.000.
- Sun Refining and Marketing Company: *See—*
  - Hsu, Chao-Yang; Lyons, James E.; and Ellis, Paul E., Jr., 4,542,242, Cl. 568-454.000.
  - Hsu, Chao-Yang; and Ellis, Paul E., Jr., 4,551,559, Cl. 568-454.000.
  - Polleck, Richard E.; Scott, Kenneth A.; and Ledley, Robert E., 4,491,516, Cl. 208-248.000.
- Sun, Shan C., to Westinghouse Electric Corp. Frequency modulation or pulse modulation demodulator. 4,510,453, 4-9-85, Cl. 329-106.000.
- Sun, Shan C.; and McGivern, James P., to Westinghouse Electric Corp. Signal quality monitor for protective relay system. 4,524,446, 6-18-85, Cl. 371-22.000.
- Sun, Shan C.; and Garitty, James P., to Westinghouse Electric Corp. Protective relay apparatus and method for providing single-pole tripping. 4,538,196, 8-27-85, Cl. 361-64.000.
- Sun Star Giken Kabushiki Kaisha: *See—*
  - Sugimori, Masaru; and Sanji, Koichiro, 4,555,561, Cl. 528-26.000.
- Sun Studs, Inc.: *See—*
  - Berry, Larry R.; and Richert, Anton S., 4,494,588, Cl. 144-209.00R.
  - Shrum, Kenneth L.; and Heth, Edwin M., 4,506,714, Cl. 144-209.00R.
  - Shrum, Kenneth L.; King, Lawrence G.; and Richert, Anton S., 4,529,021, Cl. 144-357.000.
  - Shrum, Kenneth L., 4,557,304, Cl. 144-213.000.
- Sun Tech, Inc.: *See—*
  - Hsu, Chao-Yang; and Lyons, James E., 4,519,948, Cl. 260-396.00R.
  - Hsu, Chao-Yang; and Lyons, James E., 4,522,757, Cl. 260-396.00R.
  - Hsu, Chao-Yang; Lyons, James E.; and Ellis, Paul E., Jr., 4,524,142, Cl. 502-153.000.
  - Hsu, Chao-Yang, 4,528,278, Cl. 502-153.000.
  - Hsu, Chao-Yang; and Ellis, Paul E., Jr., 4,542,119, Cl. 502-153.000.
  - Hsu, Chao-Yang; and Ellis, Paul E., Jr., 4,542,120, Cl. 502-153.000.
  - Simmonds, Peter G.; and Moore, Robert E., 4,520,109, Cl. 436-56.000.
  - Stenger, Richard J., 4,509,821, Cl. 350-96.230.
- Sun, Ting-Zui. Roller for sugar cane squeezing mills. 4,561,156, 12-31-85, Cl. 29-121.600.
- Sun, Yun C., to Dow Chemical Company, The. Rubber-modified, impact-resistant polymeric compositions. 4,524,180, 6-18-85, Cl. 525-71.000.
- Sunada, Imao, to Noburu Onuki. Detector for diagnosing dental caries. 4,537,573, 8-27-85, Cl. 433-32.000.
- Sunada, Satoshi. Gas-liquid contacting device. 4,522,766, 6-11-85, Cl. 261-91.000.
- Sunada, Takuya, to Casio Computer Co., Ltd. Touch response apparatus for electronic keyboard musical instrument. 4,506,581, 3-26-85, Cl. 84-1.100.
- Sunaga, Mitsuo: *See—*
  - Kondo, Kazuo; Imamura, Seiji; Saito, Shigemasa; Akimoto, Mamoru; and Sunaga, Mitsuo, 4,523,711, Cl. 228-198.000.
- Sunaga, Tetsuro: *See—*
  - Asano, Masao; Sunaga, Tetsuro; Murata, Hideki; and Matsumoto, Kazumasa, 4,546,044, Cl. 428-413.000.
- Sunaga, Yasumasa, to Fuji Photo Optical Co., Ltd. Lens adapter for endoscopes. 4,501,477, 2-26-85, Cl. 350-560.000.
- Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Kido, Keishiro; Iijima, Toshio; and Nozaki, Nobuharu, to Fuji Photo Film Co., Ltd. Electrophotographic light-sensitive material. 4,559,289, 12-17-85, Cl. 430-66.000.
- Sunagawa, Hiroshi: *See—*
  - Kido, Keishiro; Sunagawa, Hiroshi; Kawajiri, Kazuhiro; Iijima, Toshio; and Nozaki, Nobuharu, 4,555,464, Cl. 430-67.000.
- Sunagawa, Makoto; Matsumura, Haruki; Inoue, Takaaki; and Hirohashi, Toshiyuki, to Sumitomo Chemical Company, Limited. Preparation of β-lactam derivatives. 4,536,334, 8-20-85, Cl. 260-239.00A.
- Sunagawa, Makoto; Goda, Koshiro; Enomoto, Masao; and Sasaki, Akira, to Sumitomo Chemical Company, Limited. 4-Carboxy azetidinone compounds and production thereof from diketene and a Schiff base. 4,556,514, 12-3-85, Cl. 260-239.00A.
- Sunago, Katsuyoshi; and Iwamoto, Tomio, to Sumitomo Electric Industries, Ltd. Extension mechanism of adaptor for laser scalpel. 4,492,230, 1-8-85, Cl. 128-303.100.
- Sunago, Katsuyoshi; and Takenaka, Shinya, to Sumitomo Electric Industries, Ltd. Laser scalpel. 4,517,973, 5-21-85, Cl. 128-303.100.

- Sunago, Katsuyoshi, to Sumitomo Electric Industries, Ltd. Laser beam scanning mirror finely adjusted via joystick. 4,545,657, 10-8-85, Cl. 350-600.000.
- Sunago, Katsuyoshi: *See*—
  - Takenaka, Shinya; and Sunago, Katsuyoshi, 4,538,609, Cl. 128-303.100.
- Sunahara, Kimihisa: *See*—
  - Kirita, Yasuzo; Kawahashi, Masaru; Kariu, Keiki; Sunahara, Kimihisa; and Naito, Hidemune, 4,559,034, Cl. 604-52.000.
- Sunakawa, Kiyoshi; and Maruyama, Shinichi, to Toshiba Kikai Kabushiki Kaisha; and Netsu Kogyo Kabushiki Kaisha. Drying apparatus with deodorizing system for a printing machine. 4,504,220, 3-12-85, Cl. 432-72.000.
- Sunakawa, Makoto: *See*—
  - Hori, Yutaka; Sunakawa, Makoto; Takayama, Kikuo; Matsuoka, Naoki; and Moroishi, Yutaka, 4,500,683, Cl. 524-533.000.
  - Okuno, Toshimitsu; Hori, Yutaka; Sunakawa, Makoto; and Inagaki, Sadayuki, 4,510,181, Cl. 427-142.000.
- Sunami, Hideo; Kuguminato, Hideo; Izumiyama, Yoshio; Yanagishima, Fumiya; Obara, Takashi; and Mochizuki, Kazuo, to Kawasaki Steel Corporation. Method of manufacturing T-3 grade low temper black plates. 4,561,909, 12-31-85, Cl. 148-12.00D.
- Sunami, Hideo: *See*—
  - Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, 4,498,951, Cl. 156-612.000.
- Sunamura, Kazuhiro: *See*—
  - Yuzawa, Haruo; and Sunamura, Kazuhiro, 4,505,248, Cl. 123-519.000.
- Sunano, Naomasa; Asahi, Naotatsu; and Yoshida, Toshio. Gas sensor with improved perovskite type material. 4,507,643, 3-26-85, Cl. 338-34.000.
- Sunaoka, Seiichi. Multi-bobbin wire coiling machine and jig mounting mechanism therefor. 4,558,835, 12-17-85, Cl. 242-7.090.
- Sunazuka, Hideo: *See*—
  - Shingo, Yoshioki; Matsuda, Takao; Yoshino, Akira; Sunazuka, Hideo; Hasegawa, Masatake; and Kobayashi, Hirotada, 4,549,041, Cl. 174-113.00R.
- Sunbeam Corporation: *See*—
  - Crowley, George C., 4,547,658, Cl. 219-539.000.
  - Crowley, George C.; Carlson, Gordon S.; and Woznicki, Michael, 4,550,358, Cl. 361-42.000.
- Sunbeam Plastics Corporation: *See*—
  - Bush, Randall G., 4,511,032, Cl. 206-1.500.
  - Luker, Edward, 4,540,098, Cl. 215-216.000.
  - Montgomery, Gary V., 4,537,318, Cl. 215-232.000.
  - Montgomery, Gary V., 4,548,331, Cl. 220-253.000.
- Sunbelt Plastics, a Division of Sunbelt Manufacturing, Inc.: *See*—
  - Jackson, John C., II; and Schendle, Robert N., 4,519,502, Cl. 206-390.000.
- Sunburst Laboratories, Inc.: *See*—
  - Ehrlichmann, Merlin W., 4,515,089, Cl. 110-235.000.
- Suncast Corporation: *See*—
  - Garcia, George L.; Recker, Richard D.; and Tisbo, Thomas A., 4,506,698, Cl. 137-355.260.
  - Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, 4,512,361, Cl. 137-355.270.
  - Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, 4,542,938, Cl. 297-445.000.
  - Tisbo, Thomas A.; and Garcia, George L., 4,531,645, Cl. 211-131.000.
- Suncoast Medical Manufacturing Co.: *See*—
  - Johns, David L., 4,516,194, Cl. 362-202.000.
- Suncom, Incorporated: *See*—
  - Cecchi, Marino; Borucki, Gregory J.; and Happ, Lawrence R., 4,533,092, Cl. 242-186.000.
- Suncor, Inc.: *See*—
  - Tchernyak, Shimon S., 4,549,935, Cl. 196-14.520.
  - Yong, Raymond N.; and Sethi, Amar J., 4,502,960, Cl. 210-728.000.
  - Yong, Raymond N.; and Sethi, Amar J., 4,502,961, Cl. 210-728.000.
  - Yong, Raymond N.; and Sethi, Amar J., 4,507,209, Cl. 210-728.000.
  - Yong, Raymond N.; and Sethi, Amar J., 4,508,627, Cl. 210-728.000.
  - Yong, Raymond N.; and Sethi, Amar J., 4,560,416, Cl. 127-33.000.
- Sund-Hagelberg, Anna C.: *See*—
  - Gadd, Rolf K.; and Sund-Hagelberg, Anna C., 4,503,017, Cl. 423-87.000.
- Sund, Lloyd P. Pickup roller spreader. 4,492,074, 1-8-85, Cl. 56-364.000.
- Sund, Rune: *See*—
  - Wallqvist, Sven; and Sund, Rune, 4,510,379, Cl. 235-95.00C.
- Sundahl, James G., to Bell Helmets Inc. Helmet system. 4,549,541, 10-29-85, Cl. 128-201.190.
- Sunday, Brooks R.: *See*—
  - Witkowski, Joseph T.; and Sunday, Brooks R., 4,528,291, Cl. 514-301.000.
- Sundberg, Ake; and Lindmark, Gunnar, to Aktiebolaget Iggesunds Bruk. Device for use in wood chippers. 4,545,413, 10-8-85, Cl. 144-176.000.
- Sundberg, Donald C.; Bishop, Paul L.; and McBee, David G., to University of New Hampshire. Method and apparatus for reducing levels of organics in liquids. 4,534,865, 8-13-85, Cl. 210-692.000.
- Sundberg, Erik, to Waller Innovation AB of Falufagen 22. Arrangement in log-feeding apparatus. 4,505,377, 3-19-85, Cl. 198-624.000.
- Sundberg, Erik G. Thin tubular positive electrodes for lead-acid batteries and method of making same. 4,537,842, 8-27-85, Cl. 429-140.000.
- Sundberg, Erik G. Sealed lead-acid storage cells. 4,546,053, 10-8-85, Cl. 429-57.000.
- Sundberg, Hardy. Gas combustion control apparatus. 4,492,560, 1-8-85, Cl. 431-12.000.
- Sundberg, Jack G.; Schaffner, John P.; and Conlon, Daniel J., to Chandler Evans Inc. Rotary pump having brake means with thermal fuse. 4,500,268, 2-19-85, Cl. 418-1.000.
- Sundberg, Jack G., to Chandler Evans Inc. Vane pump having spokes with channel-shaped vanes. 4,529,361, 7-16-85, Cl. 417-204.000.
- Sundberg, Jack G.: *See*—
  - Noell, Godwin L.; and Sundberg, Jack G., 4,553,914, Cl. 418-69.000.
- Sundberg, Staffan; and Jonsson, Gote, to SKF Steel Hofors AB. Device for connecting two shafts. 4,526,556, 7-2-85, Cl. 464-182.000.
- Sundeen, Joseph E.; Haugwitz, Rudiger D.; and Sprague, Peter W., to E. R. Squibb & Sons, Inc. Substituted 4-phenoxy or 4-phenylthio prolines. 4,536,501, 8-20-85, Cl. 514-225.000.
- Sunder, Shyam: *See*—
  - Peet, Norton P.; and Sunder, Shyam, 4,526,890, Cl. 514-248.000.
  - Peet, Norton P.; and Sunder, Shyam, 4,526,979, Cl. 548-251.000.
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- Sunderhaus, Charles A., to Dover Corporation. Retainer ring for the spout of a fluid dispensing nozzle. 4,557,302, 12-10-85, Cl. 141-207.000.
- Sunderland & South Shields Water Company: *See*—
  - Redshaw, Norman L., 4,539,557, Cl. 340-539.000.
- Sundermann, Rudolf: *See*—
  - Mardin, Mithat; Sundermann, Rudolf; Hoffmeister, Friedrich; Busse, Wolf-Dieter; Horstmann, Harald; and Raddatz, Siegfried, 4,552,874, Cl. 514-222.000.
- Sundermeier, Gunter; and Waltemate, Dieter, to Paul Hettich & Co. Cabinet with double door consisting of an inner door and an outer door. 4,514,021, 4-30-85, Cl. 312-291.000.
- Sundet, Sherman A., to Du Pont de Nemours, E. I., and Company. Production of composite membranes. 4,520,044, 5-28-85, Cl. 427-244.000.
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- Sundet, Sherman A., to Du Pont de Nemours, E. I., and Company. Reverse osmosis membrane quenching. 4,544,484, 10-1-85, Cl. 210-500.200.
- Sundholm, Goran. Connection for joining a pipe having a flared end to a fixed connection piece, such as a pump. 4,538,835, 9-3-85, Cl. 285-12.000.
- Sundin, Kjell H.: *See*—
  - Lindh, Kjell E.; and Sundin, Kjell H., 4,523,394, Cl. 36-89.000.
- Sundkvist, Goran: *See*—
  - Ragnegard, Samuel; Strid, Kent; and Sundkvist, Goran, 4,519,910, Cl. 210-327.000.
- Sundman, Frey, to A. Ahlstrom Osakeyhtio. Apparatus for washing fibre stock. 4,557,120, 12-10-85, Cl. 68-58.000.
- Sundman, Frey, to A. Ahlstrom Osakeyhtio. Process for washing fibre stock. 4,558,477, 12-17-85, Cl. 8-156.000.
- Sundquist, Carl R. Solar collector. 4,538,592, 9-3-85, Cl. 126-450.000.
- Sundquist, Mark L., to National Electrostatics Corporation. Vibration isolator for cryopump. 4,539,822, 9-10-85, Cl. 62-55.500.
- Sunds Defibrator Aktiebolag: *See*—
  - Nasman, Lars E.; and Lindstrom, Alf I., 4,531,892, Cl. 417-205.000.
- Sundstrand Corporation: *See*—
  - Aldrich, Allyn M., 4,533,097, Cl. 244-78.000.
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  - Aleem, Mohd A.; Lobsinger, James L.; and Wefel, Jerry D., 4,510,679, Cl. 29-598.000.
  - Aleem, Mohd A.; and Krinickas, Alexander, Jr., 4,517,479, Cl. 310-54.000.
  - Anderson, Wayne R., 4,537,220, Cl. 137-625.640.
  - Baldwin, Jeffrey D., 4,492,887, Cl. 310-68.00R.
  - Bateman, Charles D., 4,495,483, Cl. 340-970.000.
  - Beck, Richard, Jr., 4,550,645, Cl. 91-499.000.
  - Blain, Edward S., 4,534,718, Cl. 418-55.000.
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  - Bland, Timothy J.; and Niggemann, Richard E., 4,494,171, Cl. 361-386.000.
  - Burandt, Wesley A.; and Aldrich, Allyn M., 4,555,978, Cl. 91-506.000.
  - Chapman, John R., 4,556,131, Cl. 192-7.000.
  - Chetty, P. R. K.; Dhyanchand, John; and Thollot, Pierre, 4,542,440, Cl. 361-111.000.
  - Chheda, Nemjee R., 4,527,580, Cl. 137-1.000.
  - Glennon, Timothy F., 4,502,106, Cl. 363-56.000.
  - Glennon, Timothy F., 4,507,724, Cl. 363-98.000.
  - Glennon, Timothy F., 4,516,038, Cl. 307-264.000.
  - Glennon, Timothy F., 4,519,022, Cl. 363-41.000.
  - Glennon, Timothy F., 4,520,279, Cl. 307-254.000.
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  - Glennon, Timothy F., 4,532,443, Cl. 307-575.000.
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  - Glover, John H., 4,545,019, Cl. 364-463.000.
  - Grimm, Duane H., 4,545,470, Cl. 192-56.00R.
  - Hagshenas, Behzad; Butler, Donald W.; and Coolidge, Anson S., 4,491,374, Cl. 384-471.000.
  - Hansen, Wayne W., 4,513,218, Cl. 310-270.000.

  - Hucker, David J.; and Straznickas, Donald A., 4,517,483, Cl. 310-156.000.
  - Hucker, David J., 4,542,451, Cl. 363-132.000.
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  - Kintz, Lawrence J., Jr.; and Rossie, Joseph F., 4,531,071, Cl. 310-156.000.
  - Linton, David J., 4,521,060, Cl. 303-71.000.
  - Linton, David J., 4,545,202, Cl. 60-420.000.
  - Lutfy, Gary J., 4,559,580, Cl. 361-385.000.
  - Mehl, Byron R., 4,523,267, Cl. 363-87.000.
  - Niggemann, Richard E., 4,516,987, Cl. 55-52.000.
  - Niggemann, Richard E., 4,527,514, Cl. 122-31.00R.
  - Olson, Raymond N., 4,514,652, Cl. 310-54.000.
  - Peterson, William J.; and Faulkner, Dennis T., 4,546,293, Cl. 318-254.000.
  - Pollman, Frederic W.; Reynolds, David W.; and Heiser, Richard, 4,537,364, Cl. 242-86.510.
  - Reynolds, Richard W., 4,542,722, Cl. 123-179.00E.
  - Reynolds, Richard W., 4,557,160, Cl. 74-687.000.
  - Shepler, John E., 4,543,496, Cl. 307-261.000.
  - Siegrist, Gary D.; and Blain, Edward S., 4,536,990, Cl. 49-501.000.
  - Sims, Cecil W.; and Hill, Arthur, 4,559,487, Cl. 322-24.000.
  - Sjolund, John R., 4,492,245, Cl. 137-82.000.
  - Spencer, William; and Jackovich, Melvin C., 4,528,493, Cl. 322-99.000.
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  - Sutrina, Thomas, 4,562,512, Cl. 361-386.000.
  - Vaidya, Jayant G., 4,550,267, Cl. 310-184.000.
  - Weber, Kent, 4,496,862, Cl. 310-56.000.
  - Williams, Keith R., 4,512,723, Cl. 417-222.000.
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  - Bateman, Charles D., 4,506,328, Cl. 364-463.000.
  - Bateman, Charles D., 4,507,742, Cl. 364-567.000.
  - Hanson, Richard A.; and Foote, Steven A., 4,555,944, Cl. 73-517.00B.
  - Hanson, Richard A., 4,555,945, Cl. 73-517.00B.
  - Lee, Charles K.; Peters, Rex B.; and Gogic, Aleksandar M., 4,541,105, Cl. 377-19.000.
  - Molnar, Daniel O., 4,542,647, Cl. 73-151.000.
  - Paterson, Noel S., 4,551,723, Cl. 340-946.000.
  - Peters, Rex B., 4,510,802, Cl. 73-505.000.
  - Peters, Rex B., 4,512,192, Cl. 73-505.000.
  - Peters, Rex B.; Tonn, Jeffrey F.; Malametz, Arnold; Hilliker, Richard A.; and Corey, Victor B., 4,517,841, Cl. 73-517.0AV.
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  - Pulk, Brian E.; and Bateman, Charles D., 4,550,385, Cl. 364-558.000.
  - Steinke, Kurt E., 4,495,814, Cl. 73-514.000.
- Sundstrand Heat Transfer, Inc.: *See—*
  - Sweedyk, James M., 4,557,249, Cl. 126-110.00R.
- Sundstrom, Erik W., to Santrade Ltd. Chain saw bar. 4,506,444, 3-26-85, Cl. 30-122.000.
- Sundt, Peter C., to Metrix Instrument Co. Geophone having a non-conductive coilform. 4,504,932, 3-12-85, Cl. 367-183.000.
- Sundvall, Kenneth, to Forenade Fabriksverken. Arrangement in a fuse for projectiles with explosive charge for changing over between direct and delayed ignition of the explosive charge. 4,515,081, 5-7-85, Cl. 102-266.000.
- Sung, Rodney L.; and Karol, Thomas J., to Texaco Inc. Middle distillate fuel oil of improved storage stability containing condensate of Mannich base and alkenyl succinic acid anhydride. 4,501,595, 2-26-85, Cl. 44-57.000.
- Sung, Rodney L., to Texaco Inc. Corrosion inhibited motor fuel. 4,504,278, 3-12-85, Cl. 44-53.000.
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- Sung, Rodney L.; Kaufman, Benjamin J.; and Dorn, Peter, to Texaco Inc. Fuel compositions containing N-alkyl glycyl imidazoline. 4,518,782, 5-21-85, Cl. 548-353.000.
- Sung, Rodney L.; Sweeney, William M.; and Kaufman, Benjamin J., to Texaco Inc. Di-hydrocarbyl phosphate quaternary amine salts with an amide of an amino carboxylic acid. 4,530,802, 7-23-85, Cl. 260-925.000.
- Sung, Rodney L.; and Karol, Thomas J., to Texaco Inc. Middle distillate containing storage stability additive. 4,533,361, 8-6-85, Cl. 44-73.000.
- Sung, Rodney L., to Texaco Inc. Corrosion inhibitor and motor fuel composition containing the same. 4,536,189, 8-20-85, Cl. 44-56.000.
- Sung, Rodney L.; and Davis, Marshall E., to Texaco Inc. Gasoline containing as additive poly(oxyethylene) poly(oxypropylene) poly-(oxyethylene) polyol to reduce octane requirement increase. 4,548,616, 10-22-85, Cl. 44-77.000.
- Sung, Rodney L., to Texaco Inc. Alcohol fuel anti-wear additive. 4,551,152, 11-5-85, Cl. 44-78.000.
- Sung, Rodney L.; Zoleski, Benjamin H.; Sweeney, William M.; and Crawford, Wheeler C., to Texaco Inc. Crankcase lubricant. 4,557,848, 12-10-85, Cl. 252-51.50R.
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  - Davis, Marshall F.; and Sung, Rodney L., 4,561,861, Cl. 44-51.000.
  - Karol, Thomas J.; and Sung, Rodney L., 4,501,597, Cl. 44-63.000.
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  - Kaufman, Benjamin J.; Liu, Christopher S.; and Sung, Rodney L., 4,500,440, Cl. 252-51.50A.
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- Sunkara, Sai P.; and Prakash, Nellikunja J., to Merrell Dow Pharmaceuticals Inc. Process for treating diseases with ODC inhibitors. 4,499,072, 2-12-85, Cl. 424-85.000.
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  - Molnar, Francois; Szabo, Suzanne; Statkov, Peter R.; Armijo, Manuel; Sunkel, Carlos; and Cillero, Fernando, 4,532,249, Cl. 514-324.000.
- Sunkist Growers, Inc.: *See—*
  - Miller, Dennis H.; and Mutka, Jerry R., 4,499,112, Cl. 426-276.000.
- Sunline Hardware, Inc.: *See—*
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- Sunnen Products Company: *See—*
  - Sunnen, Robert M., 4,505,076, Cl. 51-206.500.
  - Sunnen, Robert M.; and Estes, Morton B., 4,524,549, Cl. 51-347.000.
  - Sunnen, Robert M.; and Woltjen, Duane W., 4,555,875, Cl. 51-331.000.
  - Vanderwal, Frank E., Jr.; and Davis, James K., 4,512,116, Cl. 51-347.000.
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- Sunnen, Robert M.; and Estes, Morton B., to Sunnen Products Company. Honing head construction. 4,524,549, 6-25-85, Cl. 51-347.000.
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  - Minet, Ronald G.; Dente, Mario; Ranzi, Eliseo; and Sunny H. K., 4,520,217, Cl. 585-415.000.
- Sunohara, Akira, to Nissan Shatai Company, Limited. Method for masking in painting process and masking tool therefor. 4,548,838, 10-22-85, Cl. 427-282.000.
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  - Fujino, Masahisa; Sunouchi, Akio; Suzuki, Ryuji; and Konno, Tatsuo, 4,494,844, Cl. 354-241.000.
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- Sunpower, Inc.: *See—*
  - Wood, James G., 4,546,663, Cl. 74-40.000.
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- Sunstar Giken Kabushiki Kaisha: *See—*
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- Sunsweet Growers of California: *See—*
  - Walsh, Richard J.; and Gyles, Darrell D., 4,511,046, Cl. 209-539.000.
- Suntech, Inc.: *See—*
  - Lyons, James E.; Suld, George; and Shinn, Robert W., 4,504,672, Cl. 560-131.000.
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  - Taguchi, Haruyoshi; Tsujimura, Hideo; and Imanishi, Masamichi, 4,516,687, Cl. 220-94.00R.
  - Ueda, Toshihiro; Imanishi, Masamichi; and Miyano, Takayoshi, 4,494,681, Cl. 222-485.000.
  - Yoshizumi, Hajime; Toyoshima, Kumao; Hakura, Akira; and Nakanishi, Toshihiro, 4,497,799, Cl. 514-9.000.
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  - Fisher, D. Larry, 4,495,937, Cl. 126-430.000.
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- Supafit Gymnasium Equipment Pty. Ltd.: *See—*
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- Super Fuel Systems Incorporated: *See—*
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- Super Glue Corporation: *See—*
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- Super, Scott S.: *See—*
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- Super-Truss Building Systems, Inc.: *See—*
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- Superfos A/S: *See—*
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- Superior Electric Company, The: *See—*
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- Superior Graphite Co.: *See—*
  - Goldberger, William M., 4,543,240, Cl. 423-346.000.
  - Goldberger, William M.; and Reed, Allen K., 4,547,430, Cl. 428-404.000.
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- Superior Industries International, Inc.: *See—*
  - Shanklin, Donald J., 4,527,407, Cl. 70-167.000.
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  - Whitford, Alan, 4,550,831, Cl. 206-439.000.
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- Suppan, Anton, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Bulk-handling belt conveyor. 4,535,884, 8-20-85, Cl. 198-626.000.
- Supper, Ottmar: *See—*
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- Surana, Bhupendra S.: *See—*
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- Surbiton Pty, Ltd.: *See—*
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- Surdilla, Silverio B. Variable ratio liquid metering dispenser. 4,515,296, 5-7-85, Cl. 222-134.000.
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- Surgical Design Corporation: *See—*
  - Banko, Anton, 4,496,342, Cl. 604-27.000.
- Surgidev Corporation: *See—*
  - Drake, Anthony F.; Masse, Fernard J.; and Grendahl, Dennis T., 4,543,673, Cl. 623-6.000.
  - Karickhoff, John R., 4,491,398, Cl. 351-211.000.
- Surgidyne Inc.: *See—*
  - McNeil, Charles B., 4,551,141, Cl. 604-317.000.
- Surgikos, Inc.: *See—*
  - Morris, Henrietta K., 4,553,539, Cl. 128-132.00D.
  - Scrivens, George W., 4,523,335, Cl. 2-51.000.
- Suriano, Francis J.: *See—*
  - Klaass, Reinhard M.; and Suriano, Francis J., 4,502,795, Cl. 384-103.000.
  - Klaass, Reinhard M.; and Suriano, Francis J., 4,555,187, Cl. 384-103.000.
- Surikov, Valery N.: *See—*
  - Sominin, Mikhail A.; Surikov, Valery N.; Belokopytov, Jury A.; and Fesenko, Evgeny P., 4,545,008, Cl. 364-148.000.
- Surisawa, Yooji: *See—*
  - Nameda, Naoyoshi; Surisawa, Yooji; Nakamoto, Yasunobu; and Sekiya, Hideshi, 4,505,263, Cl. 126-438.000.
- Surjaatmadja, Jim B.: *See—*
  - Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Penn, Jack C., 4,495,639, Cl. 381-51.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Gallup, Jeffrey M., 4,525,804, Cl. 364-900.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; McLawhon, George B.; and Penn, Jack C., 4,531,189, Cl. 364-550.000.
  - Mosier, John E.; Surjaatmadja, Jim B.; Penn, Jack C.; and Moon, John J., 4,551,766, Cl. 358-256.000.
- Surman, William K. Station locking rotary indexing table. 4,512,214, 4-23-85, Cl. 74-820.000.
- Suroff, Leonard W.: *See—*
  - Kolt, Stanley, 4,501,389, Cl. 236-49.000.
  - Kolt, Stanley, 4,507,922, Cl. 60-531.000.
  - Kolt, Stanley, 4,520,959, Cl. 236-49.000.
  - Kolt, Stanley, 4,557,183, Cl. 98-42.160.
- Surprenant, Richard P., to General Electric Company. Composition for promoting adhesion of curable silicones to substrates. 4,525,400, 6-25-85, Cl. 428-54.000.
- Surtani, Kishin: *See—*
  - Culley, Bobby G.; and Surtani, Kishin, 4,501,471, Cl. 350-334.000.
- Surtees, Leo: *See—*
  - Jones, Tristan; and Surtees, Leo, 4,541,356, Cl. 114-61.000.
- Survival Technology, Inc.: *See—*
  - Reinhold, Herbert E., Jr.; and Auerbach, Albert A., 4,531,527, Cl. 128-696.000.
  - Tarello, William R.; Lopez, Claudio; Gordon, Linda A.; Whalen, Thomas D.; and Harvey, William B., 4,518,384, Cl. 604-61.000.
- Susa, Ermanno: *See—*
  - Mayr, Adolfe; Susa, Ermanno; Leccese, Antonio; Davoli, Velmore; and Giachetti, Ettore, 4,544,717, Cl. 526-125.000.
  - Mayr, Adolfo; Susa, Ermanno; and Giachetti, Ettore, 4,495,338, Cl. 526-125.000.
  - Mayr, Adolfo; Giannini, Umberto; Susa, Ermanno; Longi, Paolo; Giachetti, Ettore; and DeLuca, Domenico, 4,542,198, Cl. 526-125.000.

- Susaki, Wataru: *See—*
  - Hirano, Ryoichi; Namizaki, Hirofumi; Susaki, Wataru; and Tanaka, Toshio, 4,504,328, Cl. 148-171.000.
  - Namizaki, Hirofumi; Hirano, Ryoichi; Higuchi, Hideyo; Oomura, Etsuji; Sakakibara, Yasushi; and Susaki, Wataru, 4,561,096, Cl. 372-46.000.
- Susami, Larry: *See—*
  - Hauck, Robert B.; and Susami, Larry, 4,501,011, Cl. 378-196.000.
- Susemihl, Rolf. Warning device using power tool residual kinetic energy. 4,528,488, 7-9-85, Cl. 318-382.000.
- Sushko, Roman V.: *See—*
  - Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.
- Susi, Michael F.: *See—*
  - Leunig, Carl V.; and Susi, Michael F., 4,524,614, Cl. 73-147.000.
- Susi, Roger E. Reset circuit. 4,520,418, 5-28-85, Cl. 361-92.000.
- Suslov, Alexandr D.: *See—*
  - Voronin, Grigory I.; Suslov, Alexandr D.; Chizhikov, Jury V.; Ivanov, Sergei V.; and Voronin, Valentin G., 4,531,371, Cl. 62-5.000.
- Susman, Samuel E.: *See—*
  - Hirschbuehler, Kevin; and Susman, Samuel E., 4,533,686, Cl. 523-468.000.
- Susman, Sherman; Boehm, Leah; Volin, Kenneth J.; and Delbacq, Charles J., to United States of America, Energy. Glass capable of ionic conduction and method of preparation. 4,542,108, 9-17-85, Cl. 501-40.000.
- Suso, Norimitsu, to Shikishima Boseki Kabushiki Kaisha. Fabric selvage end cut prevention cutter guide. 4,526,211, 7-2-85, Cl. 139-430.000.
- Susor, Rita M., executor: *See—*
  - Susor, William C., deceased, 4,492,280, Cl. 177-211.000.
- Susor, William C., deceased (by Susor, Rita M., executor), to Masstron Scale Inc. Weighing apparatus including load cells with intrinsic safety barrier. 4,492,280, 1-8-85, Cl. 177-211.000.
- Suss, Naomi R.; and Porter, Samuel, Jr., to PPG Industries, Inc. High-solids coating composition for improved rheology control containing organo-modified clay. 4,558,075, 12-10-85, Cl. 523-216.000.
- Sussman, Howard. Plant-watering device. 4,524,944, 6-25-85, Cl. 251-6.000.
- Sussman, Howard. Combination bath and shower accessory. 4,541,131, 9-17-85, Cl. 4-596.000.
- Sussmuth, Reiner: *See—*
  - Grunsky, Manfred; Sussmuth, Reiner; Dehn, Dieter; and Ischen, Gunter, 4,493,596, Cl. 408-233.000.
  - Grunsky, Manfred; Sussmuth, Reiner; and Ischen, Gunter, 4,511,294, Cl. 408-232.000.
- Sussner, Heinrich: *See—*
  - Homola, Andrew M.; and Sussner, Heinrich, 4,542,071, Cl. 428-428.000.
- Suste, Joseph T., to Intertate Electronics Corporation. System for driving AC plasma display panel. 4,496,879, 1-29-85, Cl. 315-169.400.
- Sustek, Alvin J., Jr.: *See—*
  - Brown, Alfred; Grimm, Henry J.; and Sustek, Alvin J., Jr., 4,491,180, Cl. 166-272.000.
- Suster, Mary E., to General Electric Company. Conductive ink for flashlamp array circuit. 4,493,639, 1-15-85, Cl. 431-359.000.
- Susukamo, Gohfu: *See—*
  - Aratani, Tadatoshi; Yoshihara, Hiroshi; and Susukamo, Gohfu, 4,552,972, Cl. 556-35.000.
- Susuki, Tosaku: *See—*
  - Chiba, Kazumasa; Kobayashi, Kazuhiko; and Susuki, Tosaku, 4,507,465, Cl. 528-312.000.
- Susumi, Sadao: *See—*
  - Kawahara, Tetsuo; Mizokami, Hiroshi; Mizuno, Kyosuke; and Susumi, Sadao, 4,515,714, Cl. 260-112.00R.
- Susumu Jatsumura: *See—*
  - Matsumura, Susumu; Yano, Masao; Sashida, Nobuo; and Yamamoto, Yoshihiko, 4,536,816, Cl. 361-91.000.
- Susz, Dietfried, to U.S. Philips Corporation. Circuit arrangement for generating an actuating signal for a piezo-electric element of a positioning device. 4,514,773, 4-30-85, Cl. 360-77.000.
- Sutch, Brian L. C. Lid and container having tamperproof means. 4,560,082, 12-24-85, Cl. 220-270.000.
- Sutch, George T., to Bingham, Lawrence K., a part interest. Hay drying facility. 4,561,194, 12-31-85, Cl. 34-229.000.
- Sutcliffe, John W., to United Technologies Corporation. Method for the machining of composite materials. 4,519,732, 5-28-85, Cl. 408-1.00R.
- Suter, Walter. Apparatus for folding a running web with folding roller and adjustable paralleling bar. 4,533,130, 8-6-85, Cl. 270-41.000.
- Sutherland, Charles A.: *See—*
  - Musser, John H.; and Sutherland, Charles A., 4,530,931, Cl. 514-312.000.
  - Musser, John H.; and Sutherland, Charles A., 4,547,509, Cl. 514-311.000.
- Sutherland, David T.: *See—*
  - Tenedini, Kenneth J.; and Sutherland, David T., 4,547,977, Cl. 34-46.000.
- Sutherland, Donald. Playground carrousel. 4,519,602, 5-28-85, Cl. 272-33.00R.
- Sutherland, George H., to General Electric Company. Fixed track chain drive. 4,498,890, 2-12-85, Cl. 474-140.000.
- Sutherland, George K.: *See—*
  - Zelinka, Richard J.; Sutherland, George K.; and Thielen, Thomas J., 4,540,877, Cl. 219-497.000.
- Sutherland, Jack L.: *See—*
  - Motiwala, M. Arif; and Sutherland, Jack L., 4,511,862, Cl. 332-16.00R.
- Sutherland, Lynne: *See—*
  - Cirjak, Larry M.; and Sutherland, Lynne, 4,504,371, Cl. 204-158.00R.
- Sutherland, Ray, to Rockwell International Corporation. Tamperproof, moisture proof readout enclosure. 4,520,423, 5-28-85, Cl. 361-380.000.
- Sutherland, Robert L., to Federal Paper Board Co., Inc. Lock arrangement between two carton closure panels. 4,498,618, 2-12-85, Cl. 229-40.000.
- Sutherland, Robert L., to Federal Paper Board Co., Inc. Lock arrangement for cartons. 4,526,316, 7-2-85, Cl. 229-40.000.
- Suthers, Mark S.: *See—*
  - Este, Grantley O.; Suthers, Mark S.; and Streater, Richard W., 4,539,502, Cl. 310-313.00B.
- Sutkin, Seymour: *See—*
  - Meltzer, Leonard A.; and Sutkin, Seymour, 4,543,549, Cl. 333-256.000.
- Sutliff, Wayne N., to Downen, Jim L. Oil well jar. 4,524,838, 6-25-85, Cl. 175-297.000.
- Suto, Anthony J., to Fairchild Camera & Instrument Corporation. Current probe signal processing circuit employing sample and hold technique to locate circuit faults. 4,517,511, 5-14-85, Cl. 324-52.000.
- Suto, Emiko: *See—*
  - Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
- Sutoh, Satoshi: *See—*
  - Honaga, Susumu; and Sutoh, Satoshi, 4,505,655, Cl. 418-133.000.
- Sutoh, Shinji; Hara, Toshizo; and Takahashi, Akiyoshi, to Diesel Kiki Kabushiki Kaisha. Window pane defroster device with vehicle air conditioning apparatus. 4,519,443, 5-28-85, Cl. 165-17.000.
- Sutoh, Shinji: *See—*
  - Suzuki, Nobuhiko; Sutoh, Shinji; and Sasaki, Masaya, 4,507,932, Cl. 62-180.000.
- Sutor, Norbert: *See—*
  - Steinmann, Peter; and Sutor, Norbert, 4,514,035, Cl. 350-96.230.
- Sutor, Peter T., to Dresser Industries, Inc. Insulating refractories. 4,495,301, 1-22-85, Cl. 501-124.000.
- Sutphin, Eldon M., Jr., to RCA Corporation. Commutating filter passing only the fundamental frequency and odd harmonics thereof. 4,518,936, 5-21-85, Cl. 333-173.000.
- Sutrina, Thomas, to Sundstrand Corporation. Multiple semiconductor containing package having a heat sink core. 4,562,512, 12-31-85, Cl. 361-386.000.
- Sutryn, Caroll S.; and Maietta, Michael G., to West Company, The. Multicompartment medicament container. 4,550,825, 11-5-85, Cl. 206-222.000.
- Sutt, Robert F., Jr., to Calgon Carbon Corporation. Carbon molecular sieves and a process for their preparation and use. 4,526,887, 7-2-85, Cl. 502-420.000.
- Sutt, Robert F., Jr., to Calgon Carbon Corporation. Carbon molecular sieves and a process for their preparation and use. 4,528,281, 7-9-85, Cl. 502-402.000.
- Sutt, Robert F., Jr., to Calgon Carbon Corporation. Carbon molecular sieves and a process for their preparation and use. 4,540,678, 9-10-85, Cl. 502-5.000.
- Sutter, David L.; Furbish, Ivan J.; Ferguson, Roland C.; Berry, Richard L.; and Barrows, Douglas P., to Hussey Manufacturing Company. Bench type seating modules. 4,490,949, 1-1-85, Cl. 52-9.000.
- Sutter, Donald W.: *See—*
  - Renick, William A.; and Sutter, Donald W., 4,527,405, Cl. 70-14.000.
- Sutter, Franz, to Institute Straumann AG. Device including a screw pin and a driven member for screwing the pin into a tooth. 4,553,942, 11-19-85, Cl. 433-225.000.
- Sutter, Jean: *See—*
  - Peroux, Bernard; Santy, Jean; and Sutter, Jean, 4,510,965, Cl. 137-375.000.
- Sutter, Leroy V., Jr., to Hughes Aircraft Company. Pulsed rf pumped waveguide laser. 4,494,236, 1-15-85, Cl. 372-25.000.
- Sutter, Leroy V., Jr.: *See—*
  - Bancroft, Charles F.; Brown, Thomas B.; Bullock, Peter W.; and Sutter, Leroy V., Jr., 4,523,071, Cl. 219-56.220.
- Sutter, Orlin: *See—*
  - Provost, Alfred M., 4,497,077, Cl. 4-628.000.
- Sutter, Robert E. Fireplace shovel assembly for removing and transporting ashes. 4,536,023, 8-20-85, Cl. 294-9.000.
- Suttles, James M., to Mead Corporation, The. Base element connection for sheet metal furniture. 4,518,279, 5-21-85, Cl. 403-231.000.
- Suttles, James M., to Mead Corporation, The. System of shelving. 4,535,704, 8-20-85, Cl. 108-108.000.
- Sutton, Bill E. Precision saw. 4,503,742, 3-12-85, Cl. 83-781.000.
- Sutton, David; and Neill, Jimmie, to Burroughs Corporation. Pixel correction logic circuit. 4,491,961, 1-1-85, Cl. 382-41.000.
- Sutton, David A., to DMA Systems. Self-timed runout correction pattern. 4,530,020, 7-16-85, Cl. 360-77.000.
- Sutton, David A.: *See—*
  - Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.

Sutton, David L.; and Walker, Michael L., to Halliburton Company. Environmentally compatible high density drill mud or blow-out control fluid. 4,519,922, 5-28-85, Cl. 252-8.50B.

Sutton, Ernest S.: *See—*
- Biddle, Richard A.; and Sutton, Ernest S., 4,527,389, Cl. 60-207.000.

Sutton, Gerald E.: *See—*
- Engelke, Claude W.; Sutton, Gerald E.; and Potter, Steven E., 4,521,354, Cl. 264-46.600.

Sutton, John H., III; and Chulay, Steven J., to Beckman Instruments, Inc. Centrifuge rotor and method of assembly. 4,548,596, 10-22-85, Cl. 494-20.000.

Sutton, John R., to Marine Concepts, Inc. Drydocking device having a moment resisting arrangement. 4,509,446, 4-9-85, Cl. 114-45.000.

Sutton Laboratories, Inc.: *See—*
- Berke, Philip A.; and Rosen, William E., 4,525,480, Cl. 514-544.000.

Sutton, Leroy A., to Zenith Electronics Corporation. Horizontal phase shifter. 4,536,683, 8-20-85, Cl. 315-401.000.

Sutton, Leroy A., to Zenith Electronics Corporation. Video system with automatic power up. 4,553,166, 11-12-85, Cl. 358-190.000.

Sutton, Roger D.: *See—*
- Parmelee, William H.; and Sutton, Roger D., 4,504,267, Cl. 604-134.000.

Sutton, Steven R.; Hagen, Michael S.; Chapman, David D.; Gombert, Glenn S.; and Palmquist, Steven R., to Tektronix, Inc. Apparatus including a programmable set-up and hold feature. 4,541,100, 9-10-85, Cl. 375-10.000.

Sutton, Tonja R.; and Hughes, David W., to Dow Chemical Company, The. Reaction injection molded polyurethanes, polyureas and polyurea-urethanes employing thiapolycyclic polyisocyanates. 4,495,309, 1-22-85, Cl. 521-51.000.

Sutton, Wesley D., Jr., to Game Time, Inc. Resilient support for playground seat. 4,516,766, 5-14-85, Cl. 272-52.000.

Sutton, Wesley D., Jr.: *See—*
- Shannon, William H.; and Sutton, Wesley D., Jr., 4,524,966, Cl. 272-85.000.

Sutz, Richard K., to Wind Baron Corporation. Push-pull windmill head having double beam pumping jack. 4,507,060, 3-26-85, Cl. 417-336.000.

Suur-Askola, Seppo: *See—*
- Makinen, Heimo; and Suur-Askola, Seppo, 4,499,972, Cl. 187-29.00R.
- Makinen, Heimo; and Suur-Askola, Seppo, 4,518,062, Cl. 187-29.00R.

Suurkuusk, Jaak: *See—*
- Wadso, Ingemar; Suurkuusk, Jaak; and Taylor, Robert L., 4,492,480, Cl. 374-33.000.

Suverison, Lyle B.: *See—*
- Gladd, Joseph H.; Plyler, Robert G.; and Suverison, Lyle B., 4,491,376, Cl. 339-9.00E.

Suwa, Kaname, to Canon Kabushiki Kaisha. Electronic equipment having key input function. 4,532,575, 7-30-85, Cl. 361-413.000.

Suwa, Kaname, to Canon Kabushiki Kaisha. Electronic unit. 4,533,976, 8-6-85, Cl. 361-395.000.

Suwa, Kyoichi; Kuramochi, Kazuo; and Nakazawa, Kiwao, to Nippon Kogaku K.K. Positioning method. 4,531,060, 7-23-85, Cl. 250-548.000.

Suwabe, Hirohisa: *See—*
- Furuichi, Shinji; Morita, Shigetoshi; Taka, Shunichi; and Suwabe, Hirohisa, 4,506,308, Cl. 360-121.000.

Suyama, Hideo: *See—*
- Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.

Suyama, Satoshi; Uehira, Kiyotaka; Sanpei, Kenji; Sakamoto, Kenichi; and Nakagawa, Koichiro, to Matsushita Electric Industrial Co., Ltd. Loading apparatus for a recording medium. 4,539,613, 9-3-85, Cl. 360-99.000.

Suyama, Satoshi, to Tsurumi-Seiko Co., Ltd., The. Sensor for currentmeter. 4,552,016, 11-12-85, Cl. 73-170.00A.

Suyama, Satoshi: *See—*
- Nakagawa, Koichiro; Suyama, Satoshi; Yanagi, Masahiro; and Nakajima, Yasutaka, 4,525,758, Cl. 360-133.000.

Suyama, Tadakazu: *See—*
- Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.
- Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-317.000.
- Uemura, Yahiro; Arimura, Hirofumi; Morise, Hiroshi; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,526,782, Cl. 424-85.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,526,969, Cl. 546-164.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,534,978, Cl. 514-429.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,542,147, Cl. 514-411.000.

Suyama, Takahiro: *See—*
- Hayakawa, Toshiro; Miyauchi, Nobuyuki; Suyama, Takahiro; and Yano, Seiki, 4,545,057, Cl. 372-45.000.

Suyama, Tomio; and Osawa, Kazuya, to Hoshizaki Electric Co., Ltd. Water spray unit for ice product making machine. 4,526,014, 7-2-85, Cl. 62-347.000.

Suyderhoud, Henri G.: *See—*
- Virupaksha, Krishnamoorthy; and Suyderhoud, Henri G., 4,500,842, Cl. 328-150.000.

Suyehiro, Hito: *See—*
- Yoshii, Osamu, 4,505,673, Cl. 433-6.000.

Suzaki, Masayuki; and Kanno, Tetuo, to Ricoh Company, Ltd. Printer carriage and hammer assembly. 4,501,509, 2-26-85, Cl. 400-157.200.

Suzaki, Masayuki; and Kanno, Tetuo, to Ricoh Company, Ltd. Printer cartridge and cartridge retaining means. 4,512,674, 4-23-85, Cl. 400-208.000.

Suzaki, Masayuki; and Kanno, Tetuo, to Ricoh Company, Ltd. Printer carriage and hammer assembly. 4,552,475, 11-12-85, Cl. 400-144.200.

Suzaki, Takuya: *See—*
- Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzaki, Takuya; and Imai, Kazuyoshi, 4,517,246, Cl. 428-407.000.

Suzansky, Vasily G.: *See—*
- Lyakhevich, Genrikh D.; Suzansky, Vasily G.; and Kovalerchik, Vulf P., 4,499,218, Cl. 524-79.000.
- Lyakhevich, Genrikh D.; Khimanych, Anatoly P.; Suzansky, Vasily G.; and Kovalerchik, Vulf P., 4,552,621, Cl. 202-84.000.

Suzuawa, Osamu: *See—*
- Hoshikawa, Jun; Iwashita, Yukihiro; and Suzuawa, Osamu, 4,526,818, Cl. 428-1.000.

Suzue, Seigo: *See—*
- Irikura, Tsutomu; Suzue, Seigo; and Okada, Kodo, 4,556,715, Cl. 546-322.000.
- Irikura, Tsutomu; Suzue, Seigo; Okubo, Hideo; and Awano, Katsuya, 4,559,402, Cl. 546-121.000.

Suzue, Seisuke: *See—*
- Suzuki, Takeshi; and Suzue, Seisuke, 4,548,986, Cl. 525-66.000.

Suzuhiro U.S.A., Inc.: *See—*
- Okada, Minoru, 4,559,236, Cl. 426-643.000.

Suzuka, Kazuo: *See—*
- Matsuoka, Hironao; and Suzuka, Kazuo, 4,556,989, Cl. 455-183.000.

Suzuka, Susumu: *See—*
- Gonda, Michihiro; Kitsukawa, Katsumasa; Suzuka, Susumu; Kanasugi, Mikiko; Sato, Yutaka; and Otomo, Kikuo, 4,550,329, Cl. 346-214.000.
- Kaneko, Kazuo; Gonda, Michihiro; Suzuka, Susumu; and Kitsukawa, Katsumasa, 4,539,577, Cl. 346-207.000.
- Okazaki, Hideo; Imagome, Hiroshi; Suzuka, Susumu; and Sakai, Kiyoshi, 4,521,605, Cl. 548-440.000.

Suzukamo, Gohfu; Tamura, Mitsuhisa; and Fukao, Masami, to Sumitomo Chemical Company, Limited. Preparation of 2-isopropenyl-or 2-isopropylidenyl-3-hexenoates from chrysanthemic acid esters. 4,547,586, 10-15-85, Cl. 560-211.000.

Suzukamo, Gohfu: *See—*
- Minai, Masayoshi; Katsura, Tadashi; Hamada, Kazuhiko; and Suzukamo, Gohfu, 4,542,235, Cl. 562-401.000.

Suzuki, Akihiro; Souda, Keiichi; Kuno, Masao; and Ikuta, Hiroshi, to Nippondenso Co., Ltd. Magnetic card reader. 4,538,191, 8-27-85, Cl. 360-88.000.

Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, to Hitachi, Ltd. Air conditioner. 4,502,290, 3-5-85, Cl. 62-229.000.

Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, to Hitachi, Ltd. Method of manufacturing fan guard. 4,509,354, 4-9-85, Cl. 72-294.000.

Suzuki, Akio: *See—*
- Matsuzaka, Syoji; Koitabashi, Takeo; Haga, Yoshihiro; Suzuki, Akio; and Shiozawa, Hiroaki, 4,497,895, Cl. 430-569.000.
- Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Suzuki, Akira; Shioya, Yasumi; Watanabe, Norio; and Kimura, Keiichi, deceased (by Kimura, Kazuyoshi, Toshi Kimura, heirs), to Shinryo Air Conditioning Co., Ltd. Activated-sludge process for wastewater treatment. 4,500,427, 2-19-85, Cl. 210-608.000.

Suzuki, Akira, to Hitachi, Ltd. Single-stage oilless screw compressor system. 4,529,363, 7-16-85, Cl. 417-295.000.

Suzuki, Akira; Oumi, Takeharu; Takamiya, Sanshiro; and Nakazawa, Hideo, to Aisin Seiki Kabushiki Kaisha. Artificial heart driving apparatus. 4,546,760, 10-15-85, Cl. 128-1.00D.

Suzuki, Akira: *See—*
- Mitsui, Kenji; and Suzuki, Akira, 4,554,409, Cl. 178-19.000.
- Ogiso, Osamu; Yamamoto, Hisao; and Suzuki, Akira, 4,552,671, Cl. 252-8.900.
- Takamiya, Sanshiro; Yoshizawa, Michisuke; and Suzuki, Akira, 4,556,997, Cl. 623-3.000.
- Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.

Suzuki, Akiyoshi; Sato, Hirosi; Omata, Takashi; and Kosugi, Masao, to Canon Kabushiki Kaisha. Exposure apparatus. 4,521,082, 6-4-85, Cl. 350-405.000.

Suzuki, Arata; and Allardice, William D., Jr., to Capintec Inc. Method and apparatus usable with a calibration device for measuring the radioactivity of a sample. 4,506,155, 3-19-85, Cl. 250-252.100.

Suzuki, Arata, to Capintec Inc. Radiation shield in light detector and/or assembly. 4,555,626, 11-26-85, Cl. 250-239.000.

Suzuki, Atsushi; Yamada, Hiromichi; Uchida, Yoko; Kohno, Hideki; and Yoshida, Minoru, to Hitachi Medical Corporation. Radiation detector. 4,492,869, 1-8-85, Cl. 250-367.000.

Suzuki, Atsushi; Ninomiya, Masakazu; and Maeda, Katuya, to Nippondenso Co., Ltd. Air-fuel ratio control for an internal combustion engine. 4,538,578, 9-3-85, Cl. 123-478.000.

Suzuki, Atsushi; Ninomiya, Masakazu; Maeda, Katsuya; and Kawashima, Yutaka, to Nippondenso Co., Ltd. Air-fuel ratio control in an internal combustion engine. 4,550,701, 11-5-85, Cl. 123-436.000.

Suzuki, Atsushi: *See—*
- Ninomiya, Masakazu; Suzuki, Atsushi; and Kawashima, Yutaka, 4,503,824, Cl. 123-436.000.

Suzuki, Eiichi, to Canon Kabushiki Kaisha. Ink-jet recording method. 4,533,920, 8-6-85, Cl. 346-1.100.

Suzuki, Eiichi, to Canon Kabushiki Kaisha. Ink-jet recording method. 4,533,923, 8-6-85, Cl. 346-1.100.

Suzuki, Eiichi, to Canon Kabushiki Kaisha. Ink-jet recording method. 4,551,736, 11-5-85, Cl. 346-140.00R.

Suzuki, Etsuji; Uno, Shinichi; Chiyoda, Kiyomu; and Douji, Ryuhachirou, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for examining printed circuit board provided with miniaturized electronic parts. 4,549,206, 10-22-85, Cl. 358-106.000.

Suzuki, Etsuji: *See—*
- Kashihara, Tomio; Tsuruta, Toshiro; Yamaguchi, Masayoshi; Yokoi, Kiyotachi; and Suzuki, Etsuji, 4,516,673, Cl. 198-341.000.

Suzuki, Fujio: *See—*
- Kidoh, Kunizoh; Wakamori, Hideki; Suzuki, Fujio; and Iwasaki, Takao, 4,501,870, Cl. 526-344.100.
- Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; and Tanaka, Koji, 4,513,327, Cl. 358-310.000.
- Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.

Suzuki, Fuminori, to Citizen Watch Co., Ltd. Frequency-selectable signal generator. 4,508,000, 4-2-85, Cl. 84-1.010.

Suzuki, Fumio; Ohnuma, Toshio; Koga, Kazuyuki; and Watanabe, Tatsuya, to Fujikura Ltd. System for automatically arranging ends of wires of connector cable in predetermined order. 4,557,046, 12-10-85, Cl. 29-749.000.

Suzuki, Go; and Michishita, Kazuo, to NGK Insulators, Ltd. Ceramic body having a metallized layer. 4,513,062, 4-23-85, Cl. 428-565.000.

Suzuki, Hajime. Terrestrial globe. 4,493,648, 1-15-85, Cl. 434-136.000.

Suzuki, Hajime; Matsuyama, Shinichiro; and Arakawa, Akio, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for correcting the deviation of a predetermined stop position in a loom. 4,494,203, 1-15-85, Cl. 364-470.000.

Suzuki, Hajime; and Shiraki, Masao, to Seisakusho Kabushiki Kaisha Toyoda Jidoshokki. Weft inserting device for a jet loom. 4,495,971, 1-29-85, Cl. 139-435.000.

Suzuki, Hajime; and Iwano, Yoshimi, to Seisakusho Kabushiki Kaisha Toyoda Jidoshokki. Method for treating a weft yarn upon stoppage of a shuttleless loom and device for effecting the same. 4,502,512, 3-5-85, Cl. 139-116.000.

Suzuki, Hajime; and Iwano, Yoshimi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for disposal of defective weft yarn in a fluid jet loom. 4,520,849, 6-4-85, Cl. 139-116.000.

Suzuki, Hajime; and Shiraki, Masao, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Apparatus for measuring the length of weft yarn for a loom. 4,529,017, 7-16-85, Cl. 139-452.000.

Suzuki, Hajime. Food processor. 4,546,928, 10-15-85, Cl. 241-95.000.

Suzuki, Hajime: *See—*
- Arita, Koichiro; and Suzuki, Hajime, 4,555,566, Cl. 528-323.000.
- Kodama, Ikuo; Inoue, Masaharu; Shiraki, Masao; and Suzuki, Hajime, 4,538,650, Cl. 139-452.000.
- Takahashi, Akira; Matsui, Kenji; and Suzuki, Hajime, 4,559,461, Cl. 310-49.00R.

Suzuki, Haruo; and Hashimoto, Shigeyoshi, to Nippondenso Co., Ltd. Die-casting method. 4,497,359, 2-5-85, Cl. 164-120.000.

Suzuki, Haruo: *See—*
- Endoh, Kazunori; and Suzuki, Haruo, 4,512,237, Cl. 91-369.00A.
- Kawai, Toshikazu; Suzuki, Haruo; and Kaneda, Shouzou, 4,523,041, Cl. 568-755.000.

Suzuki, Hayao, to Seiko Instruments & Electronics Ltd. Pulse width modulation d.c. servo motor driving circuit. 4,514,666, 4-30-85, Cl. 318-293.000.

Suzuki, Hayao, to Kabushiki Kaisha Daini Seikosha. Controlling apparatus for positioning. 4,520,301, 5-28-85, Cl. 318-609.000.

Suzuki, Hayao, to Kabushiki Kaisha Daini Seikosha. System for positioning an object at a predetermined point for a digital servo device. 4,540,924, 9-10-85, Cl. 318-568.000.

Suzuki, Hazime: *See—*
- Aoki, Yoshiaki; Suzuki, Hazime; and Hirota, Tatsuya, 4,516,335, Cl. 34-133.000.

Suzuki, Hideo, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument using large-capacity recording medium. 4,508,001, 4-2-85, Cl. 84-1.010.

Suzuki, Hideo; Ohtsuka, Kanji; and Adachi, Masami, to Nissan Chemical Industries Ltd. Dicyclopentadiene dicarboxylic acid derivatives and process for their preparation. 4,524,213, 6-18-85, Cl. 549-235.000.

Suzuki, Hideo: *See—*
- Tomisawa, Norio; Uchiyama, Yasuji; and Suzuki, Hideo, 4,524,668, Cl. 84-1.240.
- Tomisawa, Norio; and Suzuki, Hideo, 4,558,624, Cl. 84-1.260.

Suzuki, Hidetaka: *See—*
- Tanaka, Haruto; Yamaki, Kiyoshi; and Suzuki, Hidetaka, 4,543,572, Cl. 340-723.000.
- Yamaki, Kiyoshi; Suzuki, Hidetaka; Tanaka, Haruto; and Takeuchi, Yasuhisa, 4,527,155, Cl. 340-727.000.

Suzuki, Hidetoshi: *See—*
- Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; Koumura, Noboru; and Kazuma, Koji, 4,521,805, Cl. 358-75.000.
- Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,527,885, Cl. 355-3.00R.
- Koumura, Noboru; Ayata, Naoki; Saito, Seiji; Suzuki, Hidetoshi; and Ozawa, Kunitaka, 4,500,918, Cl. 358-75.000.
- Saito, Seiji; Ayata, Naoki; Suzuki, Hidetoshi; Ozawa, Kunitaka; and Koumura, Noboru, 4,538,182, Cl. 358-280.000.

Suzuki, Hidetsugu: *See—*
- Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.

Suzuki, Hikoshiro: *See—*
- Ichikawa, Isamu; Fukushi, Yutaka; Kamata, Keiji; and Suzuki, Hikoshiro, 4,553,696, Cl. 236-49.000.

Suzuki, Hiro. Bung for jars. 4,515,283, 5-7-85, Cl. 215-270.000.

Suzuki, Hiroaki; and Misono, Shinji, to Tokai Carbon Co., Ltd. Rubber composition comprising furnace carbon black. 4,500,672, 2-19-85, Cl. 524-496.000.

Suzuki, Hiroaki: *See—*
- Sasaki, Itsuo; and Suzuki, Hiroaki, 4,520,283, Cl. 307-520.000.
- Sasaki, Itsuo; Suzuki, Hiroaki; and Kamichika, Masakazu, 4,532,494, Cl. 340-347.0AD.

Suzuki, Hirofumi; Waki, Masahiko; and Harada, Kunimitsu, to Citizen Watch Co., Ltd. Impact dot printing head. 4,544,288, 10-1-85, Cl. 400-121.000.

Suzuki, Hirohisa: *See—*
- Ono, Shigetoshi; Harada, Toru; Suzuki, Hirohisa; Tanaka, Mitsugu; and Nakamura, Shigeru, 4,533,626, Cl. 430-562.000.

Suzuki, Hirokazu; and Kokado, Masayuki, to Fujitsu Limited. ECL circuit for forcibly setting a high level output. 4,546,272, 10-8-85, Cl. 307-455.000.

Suzuki, Hirokazu; and Satoh, Kozo, to Tokyo Shibaura Denki Kabushiki Kaisha. Nuclear magnetic resonance diagnostic apparatus. 4,549,137, 10-22-85, Cl. 324-309.000.

Suzuki, Hirokazu: *See—*
- Takeda, Hirofumi; and Suzuki, Hirokazu, 4,551,639, Cl. 307-455.000.

Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, to Hitachi, Ltd.; and Hitachi Chemical Company, Ltd. Semiconductor memories with α shield. 4,494,217, 1-15-85, Cl. 365-53.000.

Suzuki, Hiroshi; Tsuboi, Akira; and Sugita, Kazuhiko, to Toyoda Koki Kabushiki Kaisha. Bar-type slide guiding apparatus with hydrostatic bearings. 4,506,935, 3-26-85, Cl. 308-5.00R.

Suzuki, Hiroshi; Gama, Yasuo; and Miyazaki, Shoji, to Agency of Industrial Science and Technology. Rust preventive agent of hydroxypolybasic acid salt type. 4,517,110, 5-14-85, Cl. 252-180.000.

Suzuki, Hiroshi, to Tachikawa Spring Co., Ltd. Headrest device for a vehicle seat. 4,540,217, 9-10-85, Cl. 297-391.000.

Suzuki, Hiroshi; Natsuhara, Masao; and Kurusu, Chisato, to Matsushita Electronics Corporation. Cathode ray tube. 4,542,320, 9-17-85, Cl. 315-15.000.

Suzuki, Hiroshi: *See—*
- Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, 4,559,973, Cl. 138-138.000.
- Kasahara, Hideo; Suzuki, Hiroshi; and Umeda, Noriaki, 4,543,392, Cl. 525-90.000.
- Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shun-ichiro; and Suzuki, Hiroshi, 4,511,705, Cl. 528-26.000.
- Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shun-ichiro; and Suzuki, Hiroshi, 4,511,705, Cl. 528-26.000.
- Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.
- Yoshida, Jituo; Okuyama, Shigeaki; and Suzuki, Hiroshi, 4,519,193, Cl. 56-328.00R.

Suzuki, Hiroshige; and Hase, Teizo, to Suzuki, Hiroshige. Finely divided silicon carbide having a high content of 2H-type silicon carbide and method of producing the same. 4,517,305, 5-14-85, Cl. 501-89.000.

Suzuki, Hirosuke; and Sato, Yoshiaki, to Junkosha Company Ltd. Fluororesin formed body and method for producing the same. 4,517,247, 5-14-85, Cl. 428-421.000.

Suzuki, Hirosuke; and Ohki, Hajime, to Junkosha Company Ltd. Transmission line of unsintered PTFE having sintered high density portions. 4,525,693, 6-25-85, Cl. 333-236.000.

Suzuki, Hirosuke, to Junkosha Company Ltd. Compression resistant expanded, porous polytetrafluoroethylene composite. 4,547,424, 10-15-85, Cl. 428-316.600.

Suzuki, Hirosuke, to Junkosha Company Ltd. Resin material in sheet form. 4,559,254, 12-17-85, Cl. 428-131.000.

Suzuki, Hiroyoshi; and Washino, Shoichi, to Mitsubishi Denki Kabushiki Kaisha. Combustion device for a car. 4,547,147, 10-15-85, Cl. 431-265.000.
Suzuki, Hiroyuki: *See—*
  Uedaira, Satoru; Yamanoi, Hiroshi; Suzuki, Masayuki; Tamura, Hidemasa; and Suzuki, Hiroyuki, 4,547,355, Cl. 423-593.000.
Suzuki, Hisao: *See—*
  Horie, Motonobu; Hirabayashi, Toshiyasu; and Suzuki, Hisao, 4,550,821, Cl. 198-416.000.
Suzuki, Hitoshi: *See—*
  Koga, Noritaka; Suzuki, Takanori; Nakamura, Kenji; Suzuki, Hitoshi; and Ogano, Takeo, 4,513,702, Cl. 123-193.00H.
  Morikawa, Kouji; and Suzuki, Hitoshi, 4,494,493, Cl. 123-52.00M.
Suzuki, Ichiro; Motonami, Masanao; Yamada, Makoto; and Yoshitsugu, Noritada, to Toyota Jidosha Kabushiki Kaisha. Guiding device for front seat belts. 4,546,998, 10-15-85, Cl. 280-807.000.
Suzuki Iron Works Co., Ltd.: *See—*
  Suzuki, Masakazu, 4,558,854, Cl. 269-93.000.
Suzuki, Isamu; and Hattori, Yoshio, to Toyo Electric Co., Ltd. Driving circuit for brushless D.C. motor. 4,535,274, 8-13-85, Cl. 318-254.000.
Suzuki, Isao; Arai, Yoshio; and Kataoka, Hiroyuki, to Fuji Xerox Co., Ltd. Rectangular pattern recognition apparatus. 4,504,969, 3-12-85, Cl. 382-10.000.
Suzuki, Isao; and Abe, Kenichi, to Jidosha Kiki Co., Ltd. Exhaust brake apparatus of sliding type. 4,553,648, 11-19-85, Cl. 188-273.000.
Suzuki, Isao: *See—*
  Munekata, Kenichi; Doi, Yoshio; Suzuki, Isao; and Doi, Shigeru, 4,513,366, Cl. 364-167.000.
  Munekata, Kenichi; Suzuki, Isao; and Yamakage, Tetsuro, 4,530,046, Cl. 364-191.000.
Suzuki Jidosha Kogyo Kabushiki Kaisha: *See—*
  Ishida, Tokuzi; and Aono, Kiyotaka, 4,520,776, Cl. 123-308.000.
  Namba, Yuzuru; and Aoyagi, Kenichi, 4,530,325, Cl. 123-308.000.
  Namba, Yuzuru; Aoyagi, Kenichi; and Yokoyama, Hiroshi, 4,553,514, Cl. 123-308.000.
Suzuki, Jiro; Shimoda, Hisanori; and Kodama, Hisashi, to Matsushita Electric Industrial Co., Ltd. Atomizer. 4,531,677, 7-30-85, Cl. 239-520.000.
Suzuki, Jugoro: *See—*
  Kadota, Toshimi; Suzuki, Jugoro; and Matsui, Shigeki, 4,523,484, Cl. 73-864.120.
Suzuki, Jun: *See—*
  Nagatomo, Hiroto; Maejima, Hisashi; Suzuki, Jun; and Fujikawa, Keishin, 4,544,318, Cl. 414-222.000.
Suzuki, Junichi; Maruta, Keiji; Noborimoto, Kazutaka; and Hineno, Satoshi. Optical track scanner. 4,507,765, 3-26-85, Cl. 369-45.000.
Suzuki, Junichiro: *See—*
  Yamamoto, Yoshihiro; Suzuki, Junichiro; and Nakamura, Minoru, 4,521,248, Cl. 75-238.000.
Suzuki, Junji: *See—*
  Tanabe, Kenzo; and Suzuki, Junji, 4,513,209, Cl. 307-350.000.
Suzuki, Junpei: *See—*
  Motoda, Masanori; Fujikawa, Atsunobu; Shuzuki, Shigeki; Suzuki, Junpei; and Nojima, Masahiro, 4,559,252, Cl. 428-57.000.
Suzuki, Kaichiro; Nakaya, Keiichi; Gotoh, Tomohiro; Kitasako, Masayuki; and Iwasaki, Masaharu, to Asahi Glass Company Ltd. Process for producing hydrogen fluoride. 4,491,571, 1-1-85, Cl. 423-485.000.
Suzuki, Katsuhiko; and Naganuma, Seihachi, to Mitsubishi Denki Kabushiki Kaisha; Tokyo Rope Mfg., Co., Ltd.; and Hakko Kouyu Co., Ltd. Traction type elevator system. 4,501,115, 2-26-85, Cl. 57-220.000.
Suzuki, Katsumi; and Yoshizawa, Shuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Film depositing apparatus and a film depositing method. 4,501,766, 2-26-85, Cl. 427-38.000.
Suzuki, Katsumi: *See—*
  Ueno, Tsuyoshi; Suzuki, Katsumi; and Hirose, Masataka, 4,532,199, Cl. 430-128.000.
Suzuki, Katsunori: *See—*
  Honbu, Mitsuyuki; Matsuda, Yasuo; Suzuki, Katsunori; and Kajita, Yoshiki, 4,549,258, Cl. 363-71.000.
Suzuki, Kazuhiro, to Ricoh Company, Ltd. Apparatus for processing image into binary data. 4,549,220, 10-22-85, Cl. 358-283.000.
Suzuki, Kazuhiro; and Murayama, Noboru, to Ricoh Company, Ltd. Conversion of multilevel digital data to binary data. 4,562,486, 12-31-85, Cl. 358-282.000.
Suzuki, Kazuhiro: *See—*
  Ohkouchi, Fusakichi; and Suzuki, Kazuhiro, 4,517,607, Cl. 358-284.000.
Suzuki, Kazuma, to Kabushiki Kaisha Riken. Solar heat collector. 4,527,547, 7-9-85, Cl. 126-444.000.
Suzuki, Kazumasa: *See—*
  Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu, 4,556,429, Cl. 127-30.000.
Suzuki, Kazumoto: *See—*
  Saito, Takashi; Suzuki, Kazumoto; and Naganuma, Yoshihiro, 4,525,432, Cl. 428-653.000.
Suzuki, Keiichiro: *See—*
  Ashida, Hisashi; and Suzuki, Keiichiro, 4,505,572, Cl. 355-3.00R.
Suzuki, Keizo: *See—*
  Ninomiya, Ken; Suzuki, Keizo; and Nishimatsu, Shigeru, 4,522,674, Cl. 156-345.000.
  Ninomiya, Ken; Nishimatsu, Shigeru; Suzuki, Keizo; Okudaira, Sadayuki; and Ogawa, Yoshifumi, 4,559,100, Cl. 156-345.000.
Suzuki, Kenichi, to Canon Kabushiki Kaisha. X-ray apparatus. 4,495,634, 1-22-85, Cl. 378-173.000.
Suzuki, Kenichi; and Yamada, Kazunari, to Kazunari Yamada. Detectable element and sensor. 4,527,153, 7-2-85, Cl. 340-572.000.
Suzuki, Kenichi, to Oki Electric Industry Co., Ltd. Method of manufacturing semiconductor integrated circuit devices having dielectric isolation regions. 4,546,538, 10-15-85, Cl. 29-576.00W.
Suzuki, Kenichi: *See—*
  Inoue, Yoichi; Matsumoto, Toshio; Niwa, Hirosuke; Suzuki, Kenichi; and Hoshide, Yasuo, 4,495,356, Cl. 546-268.000.
Suzuki, Kenji, to Canon Kabushiki Kaisha. Focus detection apparatus. 4,497,561, 2-5-85, Cl. 354-406.000.
Suzuki, Kenji, to Canon Kabushiki Kaisha. Focus detecting system using light from an imaging optical system for focus detection. 4,559,446, 12-17-85, Cl. 250-204.000.
Suzuki, Kenji: *See—*
  Kanai, Tamaki; Yoshikawa, Hirofumi; Yamagishi, Takashi; Suzuki, Kenji; and Ohta, Yoshikatsu, 4,492,719, Cl. 427-171.000.
  Kitagishi, Nozomu; Suzuki, Kenji; and Sakai, Shinji, 4,536,073, Cl. 354-406.000.
  Matsumura, Susumu; Suzuki, Takashi; and Suzuki, Kenji, 4,560,863, Cl. 250-201.000.
  Shiota, Kazuo; Suzuki, Kenji; and Fukui, Takashi, 4,542,984, Cl. 355-68.000.
  Yokoyama, Yasuyuki; Hatano, Takayoshi; Suzuki, Kenji; and Fujioka, Koichiro, 4,557,592, Cl. 355-51.000.
Suzuki, Kensuke, to Hitachi, Ltd. High switching speed semiconductor device containing graded killer impurity. 4,551,744, 11-5-85, Cl. 357-64.000.
Suzuki, Kisaku. Food shaping apparatus. 4,548,571, 10-22-85, Cl. 425-297.000.
Suzuki, Kisaku. Food shaping apparatus. 4,552,523, 11-12-85, Cl. 425-225.000.
Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, to Victor Company of Japan, Ltd.; and Mitsubishi Mining and Cement Co., Ltd. Loudspeaker diaphragm made of a molded, sintered ceramic body. 4,550,797, 11-5-85, Cl. 181-167.000.
Suzuki, Kiyoshi: *See—*
  Kawanami, Hisashi; Suzuki, Kiyoshi; and Kawauchi, Akihiro, 4,544,999, Cl. 362-298.000.
Suzuki, Kiyosuke: *See—*
  Honda, Shigemichi; Hitachi, Akio; Suzuki, Kiyosuke; and Dochi, Kiyotaka, 4,498,090, Cl. 346-159.000.
  Watanabe, Haruo; Seto, Junetsu; Suzuki, Kiyosuke; and Fukuma, Toshiaki, 4,542,084, Cl. 430-46.000.
Suzuki, Kiziro: *See—*
  Watanabe, Koji; Shiozawa, Kazuo; Suzuki, Kiziro; and Shimokawa, Ryushi, 4,492,450, Cl. 354-412.000.
Suzuki, Kohji; Yoo, Hideo; and Takamiya, Yoshio, to Ricoh Company, Ltd. Photoconductor cleaning apparatus. 4,502,780, 3-5-85, Cl. 355-15.000.
Suzuki, Kohji, to Ricoh Company, Ltd. Magnet brush cleaning apparatus for electrophotographic copying machine. 4,515,467, 5-7-85, Cl. 355-15.000.
Suzuki, Kohji: *See—*
  Oda, Yoshio; Morimoto, Takeshi; and Suzuki, Kohji, 4,533,453, Cl. 204-252.000.
Suzuki, Koichi; Oose, Seiroku; So, Yuzo; and Hirao, Yasutaka, to Dainichi-Nippon Cables, Ltd.; and Kurosaki Refractories Co., Ltd. High temperature resistant lighting device. 4,509,104, 4-2-85, Cl. 362-32.000.
Suzuki, Koichi: *See—*
  Kawai, Shinji; Yamaguchi, Yuji; Suzuki, Koichi; and Takeda, Hisanobu, 4,551,868, Cl. 4-443.000.
Suzuki, Koji; Kuroda, Kouki; and Nagahira, Jyoji, to Canon Kabushiki Kaisha. Electrostatic recording apparatus. 4,511,240, 4-16-85, Cl. 355-14.00R.
Suzuki, Koji: *See—*
  Aoki, Harumi; Morisawa, Tahei; Suzuki, Koji; and Ogawa, Kimiaki, 4,553,170, Cl. 358-225.000.
  Kawasaki, Masahiro; Aoki, Harumi; and Suzuki, Koji, 4,544,848, Cl. 250-578.000.
Suzuki, Kuniaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Printing head driving apparatus. 4,514,737, 4-30-85, Cl. 346-76.0PH.
Suzuki, Kuniaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal printing system. 4,539,571, 9-3-85, Cl. 346-76.0PH.
Suzuki, Kunihiko, to Nissan Motor Company, Limited. Four-wheel drive system with deceleration-responsive center differential control. 4,538,700, 9-3-85, Cl. 180-248.000.
Suzuki, Kunihiko, to Nissan Motor Company, Limited. Four-wheel drive system with center differential lock control responsive to rpm difference. 4,552,241, 11-12-85, Cl. 180-249.000.
Suzuki, Kunihiko; and Enomoto, Koji, to Nissan Motor Company, Limited. Part-time four-wheel drive system having locking clutches between wheel and axle shaft. 4,560,025, 12-24-85, Cl. 180-247.000.
Suzuki, Kunio: *See—*
  Kasuga, Takuzo; Takahashi, Katsuhiko; and Suzuki, Kunio, 4,511,708, Cl. 528-274.000.
  Kasuga, Takuzo; Ikenaga, Yukio; and Suzuki, Kunio, 4,555,357, Cl. 252-511.000.
  Shima, Yoshihiro; Kashioka, Seiji; Uno, Takeshi; and Suzuki, Kunio, 4,494,139, Cl. 358-101.000.
Suzuki, Makoto; Takimoto, Toshiyuki; Yoshioka, Mamoru; and Masui, Takatoshi, to Toyota Jidosha Kabushiki Kaisha. Method and appara-

tus for controlling fuel injection for an internal combustion engine. 4,527,529, 7-9-85, Cl. 123-478.000.

Suzuki, Makoto: *See—*

Gotoh, Hideo; Fukao, Satoshi; and Suzuki, Makoto, 4,528,428, Cl. 200-5.00A.

Onuma, Kazuhiko; Kageyama, Yoichi; Kobayashi, Hiromu; Matsuki, Akihiro; and Suzuki, Makoto, 4,508,841, Cl. 502-73.000.

Yamamoto, Takemi; and Suzuki, Makoto, 4,527,918, Cl. 400-82.000.

Suzuki, Mamoru; and Tanaka, Hiromoto, to Tokyo Electric Power Company Inc., The; and Mitsubishi Denki Kabushiki Kaisha. Training simulator for training an operator in the operation of an electric power system. 4,538,994, 9-3-85, Cl. 434-219.000.

Suzuki, Mamoru; and Tanaka, Hiromoto, to Tokyo Electric Power Company Inc., The; and Mitsubishi Denki Kabushiki Kaisha. Training operation system and simulator for training in electric power system. 4,545,767, 10-8-85, Cl. 434-224.000.

Suzuki, Manabu, to Sony Corporation. Circuits for accomplishing electron beam convergence in color cathode ray tubes. 4,524,308, 6-18-85, Cl. 315-368.000.

Suzuki, Masaaki: *See—*

Ogawa, Hiroshi; Mizuno, Chiaki; Masaki, Kouichi; Suzuki, Masaaki; and Tamai, Yasuo, 4,500,599, Cl. 428-336.000.

Suzuki, Masaharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus and method for examining an object by nuclear magnetic resonance. 4,549,138, 10-22-85, Cl. 324-309.000.

Suzuki, Masahiko: *See—*

Kuroyanagi, Masatoshi; and Suzuki, Masahiko, 4,537,171, Cl. 123-449.000.

Mizuno, Shigeru; Suzuki, Masahiko; Mizuno, Haruki; and Katsu, Masutaro, 4,508,567, Cl. 75-231.000.

Suzuki, Masakazu, to Suzuki Iron Works Co., Ltd. Step block. 4,558,854, 12-17-85, Cl. 269-93.000.

Suzuki, Masaki; and Hasegawa, Mikio, to Matsushita Electric Industrial Company, Ltd. Method of correcting unbalance of a rotating body. 4,545,021, 10-1-85, Cl. 364-571.000.

Suzuki, Masami: *See—*

Tanikawa, Minoru; Imaizumi, Yutaka; Suzuki, Masami; Aiba, Kazumi, Sato, Minoru; and Takahashi, Mineo, 4,550,480, Cl. 29-156.40R.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.

Suzuki, Masamichi; Sugihara, Atsushi; Sano, Tadaaki; and Suzuki, Toshihiro, to Alcan International Limited. Process for coating aluminum with zinc. 4,499,123, 2-12-85, Cl. 427-282.000.

Suzuki, Masanori: *See—*

Utsumi, Kazuaki; Shimada, Yuzo; Suzuki, Masanori; and Takamizawa, Hideo, 4,536,435, Cl. 428-209.000.

Suzuki, Masaru; Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Column mounted switching device for automobiles. 4,496,810, 1-29-85, Cl. 200-61.540.

Suzuki, Masaru, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Opposed contact switch. 4,501,940, 2-26-85, Cl. 200-16.00A.

Suzuki, Masaru, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Motor controlling switch device. 4,543,515, 9-24-85, Cl. 318-293.000.

Suzuki, Masaru, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Memory reset arrangement for mirror. 4,544,871, 10-1-85, Cl. 318-568.000.

Suzuki, Masaru, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Motor controlling switch device. 4,551,660, 11-5-85, Cl. 318-293.000.

Suzuki, Masato, to Sumtak Corporation. Rotary encoder. 4,559,524, 12-17-85, Cl. 340-347.00P.

Suzuki, Masatoshi: *See—*

Harada, Takashi; Kobayashi, Akio; Honda, Masakazu; Harada, Susumu; Fujimoto, Masaya; and Suzuki, Masatoshi, 4,543,176, Cl. 204-406.000.

Hayashi, Masayuki; and Suzuki, Masatoshi, 4,527,377, Cl. 53-167.000.

Suzuki, Masayoshi; and Saigo, Kazuhide, to NEC Corporation. Method of forming patterns in manufacturing microelectronic devices. 4,551,417, 11-5-85, Cl. 430-316.000.

Suzuki, Masayoshi: *See—*

Wakamori, Fumio; Noma, Toshiyuki; Adachi, Masao; Funabashi, Motohisa; and Suzuki, Masayoshi, 4,522,534, Cl. 405-37.000.

Suzuki, Masayuki; Yamamichi, Masayoshi; and Ohara, Tsunemasa, to Canon Kabushiki Kaisha. Light shielding device in single lens reflex camera. 4,498,750, 2-12-85, Cl. 354-154.000.

Suzuki, Masayuki, to Sanshin Kogyo Kabushiki Kaisha. Four-stroke internal combustion engine for outboard motors. 4,523,556, 6-18-85, Cl. 123-196.00W.

Suzuki, Masayuki: *See—*

Hiramatsu, Akira; Tosaka, Yoichi; and Suzuki, Masayuki, 4,529,284, Cl. 354-234.100.

Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, 4,508,439, Cl. 354-154.000.

Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, 4,534,633, Cl. 354-237.000.

Uedaira, Satoru; Yamanoi, Hiroshi; Suzuki, Masayuki; Tamura, Hidemasa; and Suzuki, Hiroyuki, 4,547,355, Cl. 423-593.000.

Suzuki, Masuo: *See—*

Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.

Suzuki, Michihiko; Kawaguchi, Katsukiyo; and Kojima, Yoshihiko, to Aichi Steel Works, Ltd. Method for coating metal with a dissimilar metal. 4,505,946, 3-19-85, Cl. 427-29.000.

Suzuki, Michio: *See—*

Sakura, Yasuhiro; Takai, Yoshihiro; and Suzuki, Michio, 4,500,893, Cl. 346-76.0PH.

Suzuki, Mieko: *See—*

Kumakura, Minoru; Kaetsu, Isao; Suzuki, Mieko; and Adachi, Masakazu, 4,552,633, Cl. 204-159.210.

Suzuki, Migaku; Ochi, Mitsuzo; and Nozaki, Satoshi, to Uni-Charm Corporation. Method for attaching elastic band to sanitary articles. 4,525,229, 6-25-85, Cl. 156-161.000.

Suzuki, Migaku; Kobayashi, Toshio; Sasaki, Satoshi; and Imai, Shigeo, to Uni-Charm Corporation. Fibre-implanted nonwoven fabric. 4,532,173, 7-30-85, Cl. 428-218.000.

Suzuki, Minoru: *See—*

Horie, Motonobu; Suzuki, Minoru; and Ogura, Shinji, 4,556,072, Cl. 131-282.000.

Mori, Kenzo; Yasuda, Hyo; and Suzuki, Minoru, 4,510,498, Cl. 343-435.000.

Suzuki, Misao: *See—*

Tomozaki, Ryozo; Uchita, Takeshi; Ide, Hideo; and Suzuki, Misao, 4,502,532, Cl. 165-79.000.

Suzuki, Mitsuo: *See—*

Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.

Matsuoka, Shigeru; Yamauchi, Koji; Tadokoro, Hiroyuki; Yonekura, Seiji; and Suzuki, Mitsuo, 4,549,092, Cl. 307-116.000.

Suzuki, Motomu: *See—*

Toraichi, Kazuo; Otsu, Nobuyuki; and Suzuki, Motomu, 4,538,227, Cl. 364-414.000.

Suzuki Motor Company Limited: *See—*

Genma, Hideyuki; and Sugita, Yoshiaki, 4,521,049, Cl. 296-185.000.

Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, 4,541,371, Cl. 123-65.0PE.

Tsutsumikoshi, Shinobu; Goto, Akira; Murakami, Tsuyoshi; Takasaka, Masao; and Shinohara, Yoshiki, 4,535,869, Cl. 180-311.000.

Suzuki, Motoyoshi: *See—*

Noda, Munetaka; Muto, Takahiko; Suzuki, Motoyoshi; and Ninoyu, Yutaka, 4,560,024, Cl. 180-176.000.

Suzuki, Motoyuki: *See—*

Hosogoe, Junichi; Suzuki, Motoyuki; and Ida, Yuichi, 4,562,314, Cl. 200-5.00R.

Oku, Masuo; Yamashita, Masami; Miura, Yoshio; and Suzuki, Motoyuki, 4,541,084, Cl. 369-45.000.

Suzuki, Munehiro: *See—*

Kimpara, Masaomi; and Suzuki, Munehiro, 4,525,200, Cl. 71-76.000.

Suzuki, Naomichi: *See—*

Tamaru, Munetaka; and Suzuki, Naomichi, 4,550,324, Cl. 346-76.0PH.

Suzuki, Noboru: *See—*

Hakuraku, Yoshinori; Ogata, Hisanao; Daikoku, Takahiro; and Suzuki, Noboru, 4,532,770, Cl. 62-3.000.

Suzuki, Nobuhiko; Sutoh, Shinji; and Sasaki, Masaya, to Diesel Kiki Co., Ltd. Control system for air conditioning systems. 4,507,932, 4-2-85, Cl. 62-180.000.

Suzuki, Nobuhiko, to Diesel Kiki Co., Ltd. Control method for air conditioning systems for vehicles. 4,510,764, 4-16-85, Cl. 62-133.000.

Suzuki, Nobuhiko; and Sasaki, Masaya, to Diesel Kiki Co., Ltd. Energy-saving air conditioning system for vehicles. 4,546,617, 10-15-85, Cl. 62-180.000.

Suzuki, Nobuhiko: *See—*

Araki, Shigeru; and Suzuki, Nobuhiko, 4,504,910, Cl. 364-424.000.

Suzuki, Nobuo, to Technical Incorporated. Pulley cam for a tape cassette drive which moves axially of the driving gear. 4,491,883, 1-1-85, Cl. 360-74.200.

Suzuki, Nobuo, to Technical Incorporated. Compact cassette tape recorder with mechanical soft touch operating and switching mechanism. 4,531,168, 7-23-85, Cl. 360-96.100.

Suzuki, Nobuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Image-sensing charge-coupled device with both high-speed and low-speed read-outs. 4,540,901, 9-10-85, Cl. 307-311.000.

Suzuki, Nobuo: *See—*

Shingu, Tadashi; Tsutada, Tadakazu; Nishihara, Toshio; and Suzuki, Nobuo, 4,520,611, Cl. 52-789.000.

Suzuki, Nobuyoshi: *See—*

Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio, 4,548,259, Cl. 165-14.000.

Suzuki, Nobuyuki: *See—*

Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, 4,501,481, Cl. 354-413.000.

Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, 4,541,703, Cl. 354-415.000.

Someya, Hiromi; Aihara, Yoshihiko; Mizogui, Toyokazu; and Suzuki, Nobuyuki, 4,525,054, Cl. 354-443.000.

Someya, Hiromi; Suzuki, Nobuyuki; and Mizogui, Toyokazu, 4,536,074, Cl. 354-442.000.

Suda, Yasuo; Alyfuku, Kiyoshi; Sunouchi, Akio; and Suzuki, Nobuyuki, 4,552,446, Cl. 354-429.000.

Yonemoto, Hiroshi; Narimatsu, Akihisa; and Suzuki, Nobuyuki, 4,558,312, Cl. 340-680.000.

Suzuki, Norihito: *See—*
- Iwaki, Akio; Suzuki, Norihito; Yamamoto, Takeshi; and Aoki, Toru, 4,522,891, Cl. 428-626.000.
- Yamamoto, Takeshi; Suzuki, Norihito; Aoki, Toru; and Iwaki, Akio, 4,492,740, Cl. 428-629.000.

Suzuki, Norimoto; and Inoue, Shunji, to Dai Nippon Insatsu Kabushiki Kaisha. Plastic relief card having metallic luster. 4,499,126, 2-12-85, Cl. 428-13.000.

Suzuki, Norio, to Nippon Electric Co., Ltd. System comprising a preliminary processing device controlled in accordance with an amount of information stored in a buffer. 4,517,596, 5-14-85, Cl. 358-133.000.

Suzuki, Norio; Kajikawa, Hiroshi; and Nishikawa, Tadashi, to Kabushiki Kaisha Kobe Seiko Sho. Method and apparatus of ultrasonic flaw detection. 4,524,622, 6-25-85, Cl. 73-620.000.

Suzuki, Norio: *See—*
- Boigegrain, Robert; Maffrand, Jean-Pierre; Suzuki, Norio; Matsubayachi, Kynichi; and Ashida, Shinichiro, 4,515,951, Cl. 546-114.000.
- Nagasawa, Kouichi; Ikeda, Shuji; Suzuki, Norio; and Sakai, Yoshio, 4,549,340, Cl. 29-571.000.
- Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.

Suzuki, Osamu; Morita, Takayuki; Muramatsu, Shigeru; and Asai, Isao, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method of transferring yarn packages in a spinning frame. 4,541,577, 9-17-85, Cl. 242-35.50A.

Suzuki, Osamu: *See—*
- Komiyama, Choji; Oishi, Kengo; Suzuki, Osamu; and Iyota, Yasumasa, 4,557,380, Cl. 206-387.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,496,118, Cl. 242-198.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,497,009, Cl. 360-133.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,500,050, Cl. 242-198.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,513,929, Cl. 242-198.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,518,134, Cl. 242-199.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,536,812, Cl. 360-133.000.
- Oishi, Kengo; Komiyama, Choji; and Suzuki, Osamu, 4,544,976, Cl. 360-132.000.
- Oishi, Kengo; and Suzuki, Osamu, 4,549,922, Cl. 156-293.000.

Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; Kodama, Naoki; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble memory device. 4,494,216, 1-15-85, Cl. 365-36.000.

Suzuki, Ryo; Hiroshima, Minoru; Takeshita, Masatoshi; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble detector. 4,502,129, 2-26-85, Cl. 365-8.000.

Suzuki, Ryo; Takeuchi, Teruaki; Kodama, Naoki; Takeshita, Masatoshi; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble device. 4,546,452, 10-8-85, Cl. 365-36.000.

Suzuki, Ryo: *See—*
- Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, 4,556,582, Cl. 427-38.000.
- Kodama, Naoki; Takeuchi, Teruaki; Suzuki, Ryo; Takeshita, Masatoshi; and Sugita, Yutaka, 4,507,755, Cl. 365-36.000.
- Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,525,808, Cl. 365-36.000.
- Kodama, Naoki; Takeshita, Masatoshi; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,547,865, Cl. 365-12.000.
- Sato, Toshihiro; Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; and Sugita, Yutaka, 4,559,617, Cl. 365-36.000.
- Sugita, Yutaka; Suzuki, Ryo; Kodama, Naoki; Takeshita, Masatoshi; and Ikeda, Tadashi, 4,528,645, Cl. 365-36.000.
- Takeshita, Masatoshi; Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,510,231, Cl. 430-312.000.
- Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.

Suzuki, Ryoichi; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Indicating apparatus for camera. 4,500,193, 2-19-85, Cl. 354-471.000.

Suzuki, Ryoichi; and Yamaguchi, Yoshio, to Janome Sewing Machine Co. Ltd. Instant thread dyeing method for sewing machine. 4,501,588, 2-26-85, Cl. 8-444.000.

Suzuki, Ryoichi; and Yamaguchi, Yoshio, to Janome Sewing Machine Co. Ltd. Instant thread dyeing method for sewing machines. 4,501,590, 2-26-85, Cl. 8-495.000.

Suzuki, Ryoichi; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Battery check device for camera. 4,502,774, 3-5-85, Cl. 354-403.000.

Suzuki, Ryoichi; Matsumoto, Seiichi; Amikura, Takashi; Tsunekawa, Tokuichi; and Uchiyama, Takashi, to Canon Kabushiki Kaisha. Liquid crystal display system. 4,516,835, 5-14-85, Cl. 350-336.000.

Suzuki, Ryoichi; and Uchiyama, Takashi, to Canon Kabushiki Kaisha. Camera having solid state diaphragm device. 4,526,454, 7-2-85, Cl. 354-227.100.

Suzuki, Ryoichi; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Automatic focusing device. 4,537,489, 8-27-85, Cl. 354-403.000.

Suzuki, Ryoichi; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Shutter release device. 4,542,970, 9-24-85, Cl. 354-400.000.

Suzuki, Ryoichi; and Tokuda, Ryuji, to Canon Kabushiki Kaisha. Battery voltage checking apparatus. 4,547,770, 10-15-85, Cl. 340-636.000.

Suzuki, Ryoichi: *See—*
- Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, 4,519,685, Cl. 354-154.000.
- Namai, Akihiro; and Suzuki, Ryoichi, 4,560,266, Cl. 354-400.000.

Suzuki, Ryuji: *See—*
- Fujino, Masahisa; Sunouchi, Akio; Suzuki, Ryuji; and Konno, Tatsuo, 4,494,844, Cl. 354-241.000.
- Sunouchi, Akio; Suzuki, Ryuji; Fujino, Masahisa; and Konno, Tatsuo, 4,500,186, Cl. 354-234.000.

Suzuki, Ryushi; and Yamaga, Joji, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Device for separating dissolved gases and entrained bubbles from liquid. 4,548,622, 10-22-85, Cl. 55-204.000.

Suzuki, Saburo: *See—*
- Hirai, Osamu; Kobayashi, Tetsuo; Kuwatsuka, Shunichiro; and Suzuki, Saburo, 4,550,353, Cl. 360-125.000.

Suzuki, Satoru. Boosting apparatus for turbo-jet engine. 4,551,971, 11-12-85, Cl. 60-39.530.

Suzuki, Satoshi: *See—*
- Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, 4,511,877, Cl. 338-2.000.
- Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, 4,543,610, Cl. 358-213.000.
- Shiga, Shoji; Suzuki, Satoshi; and Kiso, Nariyoshi, 4,529,667, Cl. 428-646.000.

Suzuki, Seigo, to Tokyo Shibaura Denki Kabushiki Kaisha. Signal synthesizer apparatus. 4,509,188, 4-2-85, Cl. 381-53.000.

Suzuki, Seiichi; and Tomita, Eihachiro, to Kureha Kagaku Kogyo Kabushiki Kaisha; and Radio Research Technical, Inc. Capacitor discharge circuit. 4,504,773, 3-12-85, Cl. 320-1.000.

Suzuki, Seiichi: *See—*
- Jikihara, Tetsuo; Oda, Masatsugu; Natsume, Bunji; Watanabe, Hisao; and Suzuki, Seiichi, 4,536,209, Cl. 71-96.000.

Suzuki, Seikou: *See—*
- Miki, Masayuki; Suzuki, Seikou; and Sasayama, Takao, 4,499,880, Cl. 123-489.000.
- Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; and Nishihara, Motohisa, 4,495,820, Cl. 73-724.000.
- Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; Kobori, Shigeyuki; and Nishihara, Motohisa, 4,527,428, Cl. 73-721.000.

Suzuki, Shigemasa; and Takai, Toshiyuki, to Chuo Kagaku Co., Ltd. Production of resin foam by aqueous medium. 4,506,037, 3-19-85, Cl. 521-82.000.

Suzuki, Shigemi; and Mizukane, Masahiro, to Toto Ltd. Sliding guide. 4,512,616, 4-23-85, Cl. 308-3.00R.

Suzuki, Shigeo: *See—*
- Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
- Kataoka, Masao; Oshima, Yujiro; Noda, Takashi; and Suzuki, Shigeo, 4,543,929, Cl. 123-263.000.

Suzuki, Shigeru; and Tsutsumi, Kazumasu, to Nippon Gakki Seizo Kabushiki Kaisha. Apparatus for controlling braking operation of a magnetic tape transport. 4,527,206, 7-2-85, Cl. 360-71.000.

Suzuki, Shigeru: *See—*
- Nagase, Hidenobu; Suzuki, Shigeru; and Shimada, Shinichi, 4,519,371, Cl. 123-470.000.
- Sakatani, Takenobu; and Suzuki, Shigeru, 4,540,499, Cl. 252-8.750.
- Shiokama, Yoshiharu; and Suzuki, Shigeru, 4,525,053, Cl. 354-400.000.
- Yanagida, Tomomi; Ajiki, Mitunori; and Suzuki, Shigeru, 4,499,145, Cl. 428-418.000.

Suzuki, Shigeto; Kurkov, Victor P.; Schroeder, Albert H.; and Denisevich, Peter, Jr., to Chevron Research Company. Heterodiazole electroactive polymers. 4,505,843, 3-19-85, Cl. 252-500.000.

Suzuki, Shigeto, to Chevron Research Company. Process for the preparation of 2,6-dialkylaniline from 1-nitroalkene. 4,506,098, 3-19-85, Cl. 564-305.000.

Suzuki, Shigeto: *See—*
- Denisevich, Peter, Jr.; Suzuki, Shigeto; Kurkov, Victor P.; and Schroeder, Albert H., 4,502,980, Cl. 252-500.000.
- Kurkov, Victor P.; Schroeder, Albert H.; Denisevich, Peter, Jr.; and Suzuki, Shigeto, 4,505,842, Cl. 252-500.000.
- Schroeder, Albert H.; Denisevich, Peter, Jr.; Suzuki, Shigeto; and Kurkov, Victor P., 4,519,940, Cl. 252-500.000.

Suzuki, Shigeyasu: *See—*
- Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, 4,502,290, Cl. 62-229.000.

Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, to Mitsubishi Paper Mills, Ltd.; and Dainippon Screen Seizo Kabushiki Kaisha. Liquid developing apparatus for electrophotography. 4,521,101, 6-4-85, Cl. 355-10.000.

Suzuki, Shigeyoshi: *See—*
- Senga, Takao; Suzuki, Shigeyoshi; Yamada, Jun; and Kuriu, Sadao, 4,502,677, Cl. 271-104.000.
- Senga, Takao; Yamada, Jun; and Suzuki, Shigeyoshi, 4,520,088, Cl. 430-49.000.

Suzuki, Shingo: *See—*
- Inoue, Masao; Suzuki, Shingo; and Gotoh, Hajime, 4,525,029, Cl. 350-128.000.
- Inoue, Masao; Suzuki, Shingo; and Saito, Syozo, 4,548,469, Cl. 350-128.000.
- Inoue, Masao; and Suzuki, Shingo, 4,550,977, Cl. 350-128.000.

Suzuki, Shinichi; Sasaki, Masayuki; Moriyasu, Toshinori; and Arakawa, Takao, to Tokyo Shibaura Denki Kabushiki Kaisha. Picture blur-alarm device for a camera. 4,492,452, 1-8-85, Cl. 354-430.000.

Suzuki, Shinichi: *See—*
Kobayashi, Hisao; Ohno, Makoto; and Suzuki, Shinichi, 4,507,059, Cl. 417-270.000.
Suzuki, Shinji: *See—*
Kawabata, Yasuhiro; Kadokawa, Yoshio; Mori, Nobuyuki; and Suzuki, Shinji, 4,517,854, Cl. 74-492.000.
Miyake, Toshio; Hijiya, Hiromi; Suzuki, Shinji; and Matsumoto, Teruo, 4,557,927, Cl. 424-48.000.
Suzuki, Shintaro; Fujita, Hirotsugu; Asami, Yoshiaki; and Homma, Fumiko, to Toshiba Battery Co., Ltd. Flat cell. 4,548,880, 10-22-85, Cl. 429-162.000.
Suzuki, Shintaro: *See—*
Takano, Katsuhiro; Koma, Yoshishige; Hagiwara, Masaru; and Suzuki, Shintaro, 4,497,654, Cl. 75-0.5AA.
Suzuki, Shizuo: *See—*
Takayanagi, Takeshi; Suzuki, Shizuo; Minowa, Susumu; and Nozaki, Yoshihiko, 4,557,316, Cl. 164-517.000.
Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Suzuki, Shizuo; Sirasaki, Yuichi; and Asakawa, Kenichi, 4,540,942, Cl. 324-326.000.
Suzuki, Shoichi; Ohta, Wataru; Sakurai, Noriaki; and Yamashita, Michio, to Yokohama Rubber Co., Ltd., The. Caisson for underwater structures. 4,521,133, 6-4-85, Cl. 405-195.000.
Suzuki, Shoji; and Ishiwata, Ichiro, to Nippon Air Brake Co., Ltd. Brake holder. 4,540,072, 9-10-85, Cl. 192-4.00A.
Suzuki, Shuichi: *See—*
Hayase, Shuzi; Onishi, Yasunobu; and Suzuki, Shuichi, 4,495,042, Cl. 204-159.140.
Suzuki, Shun: *See—*
Kimura, Kazuo; Taneda, Yukinori; Tsuyuki, Shinichi; Suzuki, Shun; Hashimoto, Yoshio; and Sakamoto, Shinichi, 4,520,965, Cl. 242-7.05B.
Suzuki, Shunsuke; Mori, Masanobu; and Miyata, Takeshi, to Nissan Motor Company, Limited. Die casting process and apparatus therefor. 4,512,383, 4-23-85, Cl. 164-35.000.
Suzuki, Sigeru: *See—*
Hashiura, Masayoshi; Okazaki, Akiyasu; and Suzuki, Sigeru, 4,527,043, Cl. 219-121.0LQ.
Suzuki, Sobei: *See—*
Nishizawa, Junichi; Suzuki, Sobei; and Tamamushi, Takashige, 4,536,946, Cl. 29-571.000.
Suzuki, Sohbe: *See—*
Nishizawa, Jun-ichi; Suzuki, Sohbe; Tamamushi, Takashige; and Arisawa, Yasuo, 4,531,156, Cl. 358-213.000.
Suzuki, Soubei: *See—*
Nishizawa, Junichi; Suzuki, Soubei; and Tamamushi, Takashige, 4,499,654, Cl. 29-571.000.
Nishizawa, Junichi; Suzuki, Soubei; and Tamamushi, Takashige, 4,502,203, Cl. 29-571.000.
Suzuki, Syunsuke: *See—*
Oaku, Takaaki; Shioda, Masahiko; Suzuki, Syunsuke; and Maki, Yoshihiro, 4,556,533, Cl. 419-11.000.
Suzuki, Tadaaki: *See—*
Matsunaga, Shigeo; Iizuka, Yoshio; and Suzuki, Tadaaki, 4,543,612, Cl. 358-261.000.
Suzuki, Tadahiko: *See—*
Terajima, Jiro; Suzuki, Tadahiko; and Nagasawa, Hisamichi, 4,531,026, Cl. 200-5.00R.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Futagi, Masaaki, to Nissan Motor Company, Limited. Lock-up control system for lock-up torque converter for lock-up type automatic transmission. 4,499,979, 2-19-85, Cl. 192-3.310.
Suzuki, Tadashi; and Kishi, Norimasa, to Nissan Motor Company, Limited. Hydraulic pressure control system for automatic transmission. 4,502,354, 3-5-85, Cl. 74-866.000.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, to Nissan Motor Company, Limited. Lock-up control device and method for lock-up type automatic transmission. 4,503,956, 3-12-85, Cl. 192-3.310.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, to Nissan Motor Company, Limited. Lock-up control system for lock-up type automatic transmission. 4,509,124, 4-2-85, Cl. 364-424.100.
Suzuki, Tadashi; Morimoto, Yoshiro; Hamada, Hideo; Suga, Masaaki; and Murasugi, Takashi, to Nissan Motor Company, Limited. Fuel cut-off control system in fuel injection internal combustion engine with automatic power transmission. 4,539,643, 9-3-85, Cl. 364-431.090.
Suzuki, Tadashi: *See—*
Asano, Tadashi; Suzuki, Tadashi; and Fujii, Tadatsugu, 4,506,521, Cl. 62-238.700.
Honma, Toshio; Takeda, Hiroaki; and Suzuki, Tadashi, 4,542,985, Cl. 355-69.000.
Sonetaka, Kazunori; Nishino, Atsushi; and Suzuki, Tadashi, 4,518,347, Cl. 431-325.000.
Suga, Masaaki; Morimoto, Yoshiro; Hamada, Hideo; Futagi, Masaaki; and Suzuki, Tadashi, 4,539,869, Cl. 74-866.000.
Takeuchi, Yasuhisa; Morimoto, Yoshiro; and Suzuki, Tadashi, 4,515,040, Cl. 74-866.000.
Suzuki, Taihei: *See—*
Amada, Eiichi; Kuwahara, Hiroshi; Shirasu, Hirotoshi; Suzuki, Taihei; and Morita, Takashi, 4,543,652, Cl. 370-66.000.
Suzuki, Takanobu; Nakayama, Kenichiro; Takahashi, Izumi; and Sugiyama, Terumasa, to Fuji Xerox Co., Ltd. Input signal testing device for electronic copier. 4,554,662, 11-19-85, Cl. 371-20.000.
Suzuki, Takanobu: *See—*
Takahashi, Izumi; Nakayama, Kenichiro; Sugiyama, Terumasa; and Suzuki, Takanobu, 4,499,580, Cl. 371-17.000.
Suzuki, Takanori: *See—*
Koga, Noritaka; Suzuki, Takanori; Nakamura, Kenji; Suzuki, Hitoshi; and Ogano, Takeo, 4,513,702, Cl. 123-193.00H.
Suzuki, Takashi; Yamagata, Syuzi; and Osako, Jyunji, to Nissan Motor Company, Limited. Front brake tube retaining structure for automotive vehicle. 4,505,354, 3-19-85, Cl. 180-297.000.
Suzuki, Takashi; Kimura, Tetsuo; and Tanaka, Seiichi, to Nittan Company, Limited. Temperature sensor. 4,505,600, 3-19-85, Cl. 374-170.000.
Suzuki, Takashi; Shinohara, Koichi; Odagiri, Masaru; Fujita, Takashi; and Kawase, Shigeki, to Matsushita Electric Industrial Co., Ltd. Polyester substrate for magnetic recording medium having oligomer protrusions thereon. 4,514,451, 4-30-85, Cl. 428-141.000.
Suzuki, Takashi, to Canon Kabushiki Kaisha. Method for making a member having microstructure elements arranged thereon. 4,523,807, 6-18-85, Cl. 350-128.000.
Suzuki, Takashi; Matsumura, Susumu; and Ohtaka, Keiji, to Canon Kabushiki Kaisha. Camera with active optical range finder. 4,534,637, 8-13-85, Cl. 354-403.000.
Suzuki, Takashi; Hibino, Kunio; Murai, Mikio; Kawase, Shigeki; and Shinohara, Koichi, to Matsushita Electric Industrial Co., Ltd. Magnetic recording medium. 4,540,618, 9-10-85, Cl. 428-141.000.
Suzuki, Takashi, to Canon Kabushiki Kaisha. Beam splitter for a single lens reflex camera. 4,557,580, 12-10-85, Cl. 354-406.000.
Suzuki, Takashi: *See—*
Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,525,700, Cl. 340-518.000.
Matsumura, Susumu; Suzuki, Takashi; and Suzuki, Kenji, 4,560,863, Cl. 250-201.000.
Tanaka, Hiroshi; Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,518,952, Cl. 340-514.000.
Suzuki, Takatoshi; Tachikawa, Hideo; and Moriyama, Shigeo, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Process for ion nitriding of aluminum or an aluminum alloy and apparatus therefor. 4,522,660, 6-11-85, Cl. 148-20.300.
Suzuki, Takaya: *See—*
Soga, Tasao; Suzuki, Takaya; Okamura, Masahiro; Gooda, Masahiro; and Kobayashi, Fumiyuki, 4,491,562, Cl. 420-589.000.
Suzuki, Takayuki: *See—*
Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, 4,541,371, Cl. 123-65.0PE.
Koyanagi, Yuzo; Koike, Tetuo; Suzuki, Takayuki; and Shiozaki, Tadakazu, 4,527,531, Cl. 123-501.000.
Suzuki, Takehiko: *See—*
Yamazaki, Yasuo; Suzuki, Takehiko; Shimizu, Isoo; and Matsumura, Yasuo, 4,554,360, Cl. 549-261.000.
Suzuki, Takeo; Matsumoto, Itsuro; Yurita, Yoshihiro; and Zenpo, Hideharu, to Kabushiki Kaisha Yaskawa Denki Seisakusho. Arm operating device in automatic operating machine. 4,503,722, 3-12-85, Cl. 74-96.000.
Suzuki, Takeo; Yurita, Yoshihiro; and Zenpo, Hideharu, to Yaskawa Electric Mfg. Co., Ltd. Cable support of a robot. 4,507,042, 3-26-85, Cl. 414-680.000.
Suzuki, Takeo; Yurita, Yoshihiro; and Zenpo, Hideharu, to Yaskawa Electric Mfg. Co., Ltd. Cable support of a robot. 4,529,352, 7-16-85, Cl. 414-680.000.
Suzuki, Takeomi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Method of focus detection. 4,491,402, 1-1-85, Cl. 354-406.000.
Suzuki, Takeomi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Wavefront light beam splitter. 4,531,054, 7-23-85, Cl. 250-201.000.
Suzuki, Takeomi; Ishibashi, Kenzo; and Hashimoto, Isamu, to Asahi Kogaku Kogyo Kabushiki Kaisha. Photosensor apparatus with light integration control. 4,547,676, 10-15-85, Cl. 250-578.000.
Suzuki, Takeomi. Proper focusing state detecting device. 4,548,495, 10-22-85, Cl. 356-123.000.
Suzuki, Takeshi; Murao, Mikio; Uchida, Masahiro; Kumagai, Chikanori; and Yotsui, Yasuhiko, to Kawasaki Jukogyo Kabushiki Kaisha. Calcining system provided with a planetary cooler. 4,492,570, 1-8-85, Cl. 432-106.000.
Suzuki, Takeshi; and Suzue, Seisuke, to Daikin Kogyo Co., Ltd. Undercoating composition. 4,548,986, 10-22-85, Cl. 525-66.000.
Suzuki, Takeshi: *See—*
Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, 4,491,592, Cl. 424-318.000.
Nishida, Toyomi; Suzuki, Takeshi; Hatamori, Takashi; and Terada, Sei, 4,504,020, Cl. 241-121.000.
Okano, Masami; Tanaka, Akimasa; Suzuki, Takeshi; Ishida, Akira; and Miyazaki, Tatsuo, 4,531,039, Cl. 219-60.00R.
Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajiwara, Akiharu; and Ota, Kiichiro, 4,522,759, Cl. 260-404.000.
Suzuki, Tamio: *See—*
Kato, Yasuyuki; Kasuga, Kentaro; Taniyama, Yoshitaka; Ichihara, Masuji; and Suzuki, Tamio, 4,529,747, Cl. 523-108.000.
Suzuki, Tamotsu; Nishikawa, Sumio; and Tatsuta, Sumitaka, to Fuji Photo Film Co., Ltd. Photographic silverhalide material containing two subbing layers. 4,542,093, 9-17-85, Cl. 430-523.000.
Suzuki, Taro: *See—*
Tsunemi, Kazumasa; Suzuki, Taro; and Yamamoto, Yoshiichi, 4,504,636, Cl. 526-67.000.
Suzuki, Teisuke, to JAC Creative Foods, Inc. Fish slurry processing method. 4,557,940, 12-10-85, Cl. 426-513.000.

Suzuki, Tenji: *See—*

Yamamoto, Keniti; Suzuki, Tenji; and Sanada, Yukitomo, 4,541,302, Cl. 74-501.00R.

Suzuki, Tetsuo, to Tokyu Musashi Mfg. Co., Ltd. Algal culturing reef unit, artificial reef unit and artificial culturing and fishing field unit. 4,508,057, 4-2-85, Cl. 119-3.000.

Suzuki, Tetsuo; and Tazaki, Shigemitsu, to Canon Kabushiki Kaisha. Ink jet recording apparatus. 4,551,735, 11-5-85, Cl. 346-140.00R.

Suzuki, Tetsuo: *See—*

Shimizu, Shigeaki; Kubo, Yoshimi; Arai, Yoshio; Suzuki, Tetsuo; and Igarashi, Hitoshi, 4,517,727, Cl. 29-570.000.

Suzuki, Togi: *See—*

Kunugi, Katsuo; Suzuki, Togi; Konishi, Tadashi; and Ohwaki, Shinji, 4,513,114, Cl. 524-706.000.

Suzuki, Tokio: *See—*

Suga, Tateo; Tamura, Hiroshi; Taguchi, Masaaki; and Suzuki, Tokio, 4,560,995, Cl. 346-136.000.

Suzuki, Tokuo. Pocket structure in a sock or the like. 4,532,656, 8-6-85, Cl. 2-247.000.

Suzuki, Tomio; and Morimoto, Kotaro, to Kobe Steel, Limited. Method for controlling combustion in industrial furnaces. 4,498,861, 2-12-85, Cl. 431-12.000.

Suzuki, Tomio: *See—*

Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Itoh, Yasuo; Kato, Hideo; Ogawa, Nobuo; Koshinaka, Eiichi; Suzuki, Tomio; and Yagi, Noriyuki, 4,528,287, Cl. 514-254.000.

Morimoto, Kotaro; and Suzuki, Tomio, 4,515,553, Cl. 431-8.000.

Suzuki, Tomokazu: *See—*

Narabayashi, Hirotaro; Kondo, Tomoyoshi; Hayashi, Akira; and Suzuki, Tomokazu, 4,497,826, Cl. 514-567.000.

Suzuki, Tomonori; and Toyohara, Makoto, to Yamaha Hatsudoki Kabushiki Kaisha. Water-cooled, four-cycle internal combustion engine for outboard motors. 4,545,332, 10-8-85, Cl. 123-41.010.

Suzuki, Toru; Sano, Eiichi; and Hanamura, Yoshihiko, to Tokyo Kogaku Kikai Kabushiki Kaisha. Eye fundus camera. 4,526,450, 7-2-85, Cl. 351-206.000.

Suzuki, Toshiaki; and Horikawa, Kazuo, to Fuji Photo Film Co., Ltd. Radiation image read-out method and apparatus. 4,527,060, 7-2-85, Cl. 250-327.200.

Suzuki, Toshihiro: *See—*

Sawa, Natsuo; Suzuki, Toshihiro; and Okazaki, Shinji, 4,514,556, Cl. 528-117.000.

Suzuki, Masamichi; Sugihara, Atsushi; Sano, Tadaaki; and Suzuki, Toshihiro, 4,499,123, Cl. 427-282.000.

Suzuki, Toshimitsu: *See—*

Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.

Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,497,178, Cl. 62-55.000.

Suzuki, Toshinori; and Ozawa, Minoru. Video tape recorder with record review mode for editing signals recorded on magnetic tape. 4,520,406, 5-28-85, Cl. 360-14.200.

Suzuki, Toshio; Watanabe, Hiroshi; and Tsushima, Rikio, to Kao Corporation. Foaming liquid detergent composition having a stably dispersed water-insoluble fine powder. 4,534,892, 8-13-85, Cl. 252-545.000.

Suzuki, Toshio, to Kao Corporation. Pearlescent liquid suspension. 4,544,498, 10-1-85, Cl. 252-547.000.

Suzuki, Toshio, to Toray Silicone Company, Ltd. Transparent organopolysiloxane compositions. 4,560,711, 12-24-85, Cl. 523-212.000.

Suzuki, Toshio: *See—*

Mine, Katsutoshi; Suzuki, Toshio; and Hanada, Tsuneo, 4,517,238, Cl. 428-212.000.

Suzuki, Toshiro: *See—*

Kunimi, Nobuo; Shimizu, Koichi; and Suzuki, Toshiro, 4,538,114, Cl. 330-253.000.

Takatori, Hiroshi; and Suzuki, Toshiro, 4,500,999, Cl. 375-16.000.

Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, to Kanzaki Paper Manufacturing Co., Ltd.; and Sanko Kaihatsu Kagaku Kenkyusho. Heat-sensitive recording material. 4,514,745, 4-30-85, Cl. 346-216.000.

Suzuki, Toshitake; Hayashi, Ryuzo; Arai, Naoto; and Oeda, Yoshitaka, to Kanzaki Paper Manufacturing Co., Ltd. Heat-sensitive recording materials. 4,523,205, 6-11-85, Cl. 346-208.000.

Suzuki, Toshitake; Arai, Naoto; Aoyagi, Shoji; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, to Kanzaki Paper Manufacturing Co., Ltd.; and Sanko Kaihatsu Kagaku Kenkyusho. Heat-sensitive recording material. 4,531,140, 7-23-85, Cl. 346-209.000.

Suzuki, Toshitake: *See—*

Arai, Naoto; Murakami, Takeshi; Suzuki, Toshitake; Saito, Toranosuke; Kitani, Masakatu; and Ishibashi, Takashi, 4,535,190, Cl. 568-721.000.

Saito, Toranosuke; Kitani, Masakatu; Ishibashi, Takashi; Arai, Naoto; Murakami, Takeshi; and Suzuki, Toshitake, 4,542,395, Cl. 346-216.000.

Suzuki, Toshitatsu: *See—*

Yamane, Satoshi; and Suzuki, Toshitatsu, 4,527,892, Cl. 356-1.000.

Suzuki, Toshiyasu: *See—*

Kurihara, Norimitsu; Suzuki, Toshiyasu; Iwanaga, Takashi; and Hisadomi, Masaru, 4,535,547, Cl. 33-356.000.

Suzuki, Toshiyuki; Nakamura, Tohru; and Tsutsumi, Hisao, to Kao Soap Co., Ltd. Emulsifying agent and emulsified cosmetics. 4,536,519, 8-20-85, Cl. 514-785.000.

Suzuki, Toshiyuki; and Tsukakoshi, Hiroshi. High speed plating apparatus. 4,543,172, 9-24-85, Cl. 204-224.00R.

Suzuki, Tsutai: *See—*

Kashiwagi, Yoshiyuki; and Suzuki, Tsutai, 4,500,383, Cl. 156-285.000.

Suzuki, Tsutomu, to Pioneer Electronic Corporation. Video format signal recording and reproduction system. 4,499,503, 2-12-85, Cl. 358-316.000.

Suzuki, Tutomu: *See—*

Oya, Akiyoshi; Nakada, Akira; and Suzuki, Tutomu, 4,492,142, Cl. 84-1.030.

Suzuki, Yasoji; Matsuo, Kenji; and Yamaguchi, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Analog switch device having threshold change reducing means. 4,529,897, 7-16-85, Cl. 307-571.000.

Suzuki, Yasoji; Sasaki, Itsuo; and Abou, Shouji, to Tokyo Shibaura Denki Kabushiki Kaisha. Analog signal power amplifier circuit. 4,546,327, 10-8-85, Cl. 330-253.000.

Suzuki, Yasoji; and Matsuo, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Complementary MOSFET logic circuit. 4,558,234, 12-10-85, Cl. 307-446.000.

Suzuki, Yasuaki: *See—*

Suzuki, Yasuo; Hirao, Hiroshi; and Suzuki, Yasuaki, 4,558,241, Cl. 307-530.000.

Suzuki, Yasuhiko: *See—*

Esaki, Michiru; and Suzuki, Yasuhiko, 4,528,845, Cl. 73-119.00A.

Sakai, Masao; Suzuki, Yasuhiko; and Sugimoto, Makoto, 4,504,411, Cl. 252-506.000.

Yamanaka, Teruo; Hayakawa, Kizo; Suzuki, Yasuhiko; and Esaki, Michiru, 4,492,114, Cl. 73-117.300.

Suzuki, Yasunobu; Chiba, Seiichi; and Nishimura, Akihiro, to Shinkawa Ltd. Inner lead bonder. 4,526,646, 7-2-85, Cl. 156-361.000.

Suzuki, Yasuo, to Omron Tateisi Electronics Co. Transaction processing apparatus for storing and/or calculating costs, sales, deductions, number of sales, cost multiplier, and profit, in a departmentalized format. 4,503,503, 3-5-85, Cl. 364-405.000.

Suzuki, Yasuo; Hirao, Hiroshi; and Nagasawa, Masanori, to Fujitsu Limited. Buffer circuit for driving a C-MOS inverter. 4,518,873, 5-21-85, Cl. 307-451.000.

Suzuki, Yasuo; Hirao, Hiroshi; and Suzuki, Yasuaki, to Fujitsu Limited. Sense amplifier. 4,558,241, 12-10-85, Cl. 307-530.000.

Suzuki, Yasuo: *See—*

Aihara, Katsuzo; Tada, Naofumi; Suzuki, Yasuo; Ishihara, Joo; and Ogawa, Toshio, 4,560,404, Cl. 75-0.50C.

Kishi, Masakazu; and Suzuki, Yasuo, 4,504,722, Cl. 219-69.00P.

Matsumoto, Kenji; and Suzuki, Yasuo, 4,553,579, Cl. 152-450.000.

Niimura, Isao; Maeda, Shigeo; Okazaki, Hideo; Mochida, Ei; Suzuki, Yasuo; Ohnishi, Haruo; and Kosuzume, Hiroshi, 4,507,237, Cl. 260-157.000.

Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,534,966, Cl. 424-94.000.

Ohnishi, Haruo; Kosuzume, Hiroshi; Suzuki, Yasuo; and Mochida, Ei, 4,540,569, Cl. 424-94.000.

Saito, Hiraku; Suzuki, Yasuo; Fujii, Katsumi; Miyazaki, Kaoru; and Horio, Takekazu, 4,507,233, Cl. 260-115.000.

Yomogida, Toshihiko; Suzuki, Yasuo; and Ito, Kyoji, 4,510,580, Cl. 364-900.000.

Suzuki, Yasuro: *See—*

Asano, Etuo; Suzuki, Yasuro; and Midou, Nobuo, 4,492,884, Cl. 310-45.000.

Tsuchimoto, Hiroshi; Suzuki, Yasuro; and Owada, Takeyoshi, 4,547,689, Cl. 310-71.000.

Suzuki, Yasutoshi; Hara, Kunihiko; and Sato, Ryo, to Nippondenso Co., Ltd. Mirror. 4,499,451, 2-12-85, Cl. 340-98.000.

Suzuki, Yasutoshi: *See—*

Itoh, Hiroyasu; Suzuki, Yasutoshi; Horiuchi, Yasuhiro; and Hara, Kunihiko, 4,551,669, Cl. 323-268.000.

Suzuki, Yoichi: *See—*

Yuto, Masao; and Suzuki, Yoichi, 4,547,328, Cl. 264-45.900.

Suzuki, Yoji; Imaizumi, Atsushi; Yamaguchi, Hisao; Kanesaki, Masaharu; and Ono, Shoji, to Teijin Limited. Culturing Bordetella in media containing etherified cyclodextrin. 4,500,639, 2-19-85, Cl. 435-244.000.

Suzuki, Yoshiaki, to Nippon Gakki Seizo Kabushiki Kaisha. Vibration system of pickup cartridge of record player. 4,495,611, 1-22-85, Cl. 369-170.000.

Suzuki, Yoshiharu; Fukagawa, Hitoshi; Komoda, Yoshiyuki; and Tanaka, Osamu, to Matsushita Electric Works, Ltd. Data transmission system utilizing power line of 3-phase alternating current. 4,514,719, 4-30-85, Cl. 340-310.00R.

Suzuki, Yoshiharu: *See—*

Fukagawa, Hitoshi; Suzuki, Yoshiharu; and Komoda, Yoshiyuki, 4,556,865, Cl. 340-310.00R.

Hotta, Hiroshi; and Suzuki, Yoshiharu, 4,525,261, Cl. 204-192.0EC.

Kida, Koichi; Kawai, Yoshio; Tamura, Yutaka; and Suzuki, Yoshiharu, 4,536,605, Cl. 585-640.000.

Suzuki, Yoshihiro; Kinoshita, Hiroo; Sato, Masayasu; and Ohara, Masanori, to Toyota Jidosha Kogyo Kabushiki Kaisha; and Cataler Industrical Co. Ltd. Monolithic catalyst for exhaust gas purification. 4,528,279, 7-9-85, Cl. 502-200.000.

Suzuki, Yoshihiro: *See—*

Kurihara, Yasutoshi; Suzuki, Yoshihiro; Ooue, Michio; Hachino, Hiroaki; and Yanagi, Mitsuo, 4,556,899, Cl. 357-80.000.

Suzuki, Yoshihisa; Yasui, Yoshiharu; and Takasu, Shigeru, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Drafting apparatus in a spinning frame. 4,498,216, 2-12-85, Cl. 19-244.000.

Suzuki, Yoshihisa; Yasui, Yoshiharu; Seiki, Kazuo; and Takasu, Shigeru, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Easily displaceable bottom tenser. 4,513,481, 4-30-85, Cl. 19-244.000.

Suzuki, Yoshihisa: *See—*
- Anahara, Meiji; and Suzuki, Yoshihisa, 4,497,089, Cl. 19-288.000.
- Horiuchi, Mitsunori; Suzuki, Yoshihisa; Yasui, Yoshiharu; and Seiki, Kazuo, 4,503,662, Cl. 57-261.000.
- Mori, Mitsuo; Suzuki, Yoshihisa; Muramatsu, Shigeru; and Takasu, Shigeru, 4,510,648, Cl. 19-266.000.
- Morishita, Toshio; Yasui, Yoshiharu; Suzuki, Yoshihisa; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,557,022, Cl. 19-267.000.
- Seiki, Kazuo; Suzuki, Yoshihisa; and Yasui, Yoshiharu, 4,543,776, Cl. 57-261.000.

Suzuki, Yoshiji: *See—*
- Takagi, Toshihiko; Kobayashi, Yoshikazu; Suzuki, Yoshiji; and Hara, Tsutomu, 4,519,064, Cl. 369-275.000.

Suzuki, Yoshikuni: *See—*
- Koyama, Hiroyasu; Tsuji, Masahiro; and Suzuki, Yoshikuni, 4,517,365, Cl. 546-142.000.
- Tahara, Yoshiyuki; Takahashi, Toshihiro; Koyama, Hiroyasu; Suzuki, Yoshikuni; and Yasuda, Masatoshi, 4,555,365, Cl. 260-404.000.
- Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.

Suzuki, Yoshio: *See—*
- Aoshima, Atsushi; Suzuki, Yoshio; and Nakamura, Mikihiko, 4,518,462, Cl. 203-39.000.
- Aoshima, Atsushi; Suzuki, Yoshio; Yamamatsu, Setsuo; and Yamaguchi, Tatsuo, 4,518,796, Cl. 560-208.000.
- Morimoto, Junichi; Kawamura, Fumio; Watanabe, Akira; Suzuki, Yoshio; and Kawamura, Masamichi, 4,539,282, Cl. 430-59.000.
- Nakamura, Kazuharu; Matsumoto, Motoki; Niha, Osamu; and Suzuki, Yoshio, 4,528,974, Cl. 126-202.000.
- Okada, Hisafumi; Suzuki, Yoshio; and Takenaka, Shigeo, 4,537,322, Cl. 220-2.10A.

Suzuki, Yoshiro: *See—*
- Kamegaya, Takeo; Sekigawa, Tadahiko; Kurakami, Hiroshi; and Suzuki, Yoshiro, 4,529,909, Cl. 313-584.000.

Suzuki, Yoshitaka: *See—*
- Ochiai, Akira; and Suzuki, Yoshitaka, 4,544,198, Cl. 296-155.000.

Suzuki, Yoshitomo: *See—*
- Hattori, Noboru; and Suzuki, Yoshitomo, 4,495,962, Cl. 137-117.000.

Suzuki, Yosihide, to Komori Printing Machinery Co., Ltd. Paper discharge apparatus for use in paper folders of rotary presses. 4,524,961, 6-25-85, Cl. 270-4.000.

Suzuki, Yuichi: *See—*
- Watanabe, Yasushi; Suzuki, Yuichi; Nagata, Yukihiro; and Hoshino, Kiyotaka, 4,498,519, Cl. 164-417.000.

Suzuki, Yuji: *See—*
- Urata, Koichi; Takaishi, Naotake; Inamoto, Yoshiaki; and Suzuki, Yuji, 4,543,258, Cl. 514-772.000.

Suzuki, Yujiro: *See—*
- Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,507,563, Cl. 250-486.100.
- Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,529,647, Cl. 428-323.000.
- Maeoka, Hidehiko; Shimizu, Etsuo; Suzuki, Yujiro; Shimiya, Keiji; and Miura, Norio, 4,536,436, Cl. 428-212.000.

Suzuki, Yukiji: *See—*
- Obara, Masaaki; Tajima, Yoshio; and Suzuki, Yukiji, 4,495,236, Cl. 428-172.000.

Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, to Toyota Jidosha Kabushiki Kaisha. Fuel-injection control in an internal-combustion engine. 4,515,131, 5-7-85, Cl. 123-491.000.

Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, to Toyota Jidosha Kabushiki Kaisha. Fuel injection control in internal combustion engine. 4,523,570, 6-18-85, Cl. 123-478.000.

Suzuki, Yukio: *See—*
- Matsuo, Takeshi; and Suzuki, Yukio, 4,560,634, Cl. 430-84.000.
- Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, 4,499,882, Cl. 123-492.000.
- Sakamaki, Hiroshi; and Suzuki, Yukio, 4,498,853, Cl. 418-268.000.

Suzuki, Yutaka: *See—*
- Ito, Osamu; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; and Hasegawa, Takashi, 4,494,511, Cl. 123-463.000.
- Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, 4,503,830, Cl. 123-501.000.
- Nishimura, Hiroaki; and Suzuki, Yutaka, 4,529,961, Cl. 340-58.000.
- Yano, Kiyotoshi; Suzuki, Yutaka; and Yamada, Yoshichika, 4,522,372, Cl. 251-141.000.

Suzumura, Nobuyasu; Umebayashi, Kazuyuki; and Yamada, Takahiro, to Aisin Seiki Kabushiki Kaisha. Attitude controlling device for a steering wheel. 4,503,504, 3-5-85, Cl. 364-425.000.

Suzuno, Yoshiro: *See—*
- Ohkoshi, Masayoshi; and Suzuno, Yoshiro, 4,498,437, Cl. 123-373.000.

Svab, Eugen, to Ford Motor Company. Infinitely variable transmission for a vehicle. 4,502,352, 3-5-85, Cl. 74-689.000.

Svab, Eugen; van Deursen, Petrus H.; and Cadee, Theodorus P. M., to Ford-Werke Aktiengesellschaft; and Van Doorne's Transmissie B.V. Clutch assembly for a planetary forward reverse gear set. 4,543,852, 10-1-85, Cl. 74-695.000.

Svab, Eugen: *See—*
- van Deursen, Petrus H.; Svab, Eugen; and Abromeit, Gerhard, 4,528,870, Cl. 74-701.000.

Svarc, Stefan: *See—*
- Kung, Walter; and Svarc, Stefan, 4,549,582, Cl. 139-430.000.

Svartz, Bjorn O. Juvenile vehicle. 4,541,642, 9-17-85, Cl. 280-3.000.

Svatek, Thomas A., to Polaroid Corporation. Compact video slide projector. 4,494,148, 1-15-85, Cl. 358-226.000.

Svaty, Vladimir; and Sevcik, Ladislav, to Elitex, koncern textilniho strojirenstvi. Weft inserting device for jet looms. 4,494,577, 1-22-85, Cl. 139-20.000.

Svay, Leng; Moriguchi, Haruhiko; and Inui, Toshiharu, to Fuji Xerox Co., Ltd. Heat-sensitive recording head. 4,513,296, 4-23-85, Cl. 346-76.0PH.

Sve, Charles; and Muntz, Eric P., to United States of America, Air Force. Void detection and composition measurements in composite wires. 4,550,255, 10-29-85, Cl. 250-359.100.

Svecia Silkscreen Maskiner AB: *See—*
- Ericsson, Sylve J. D., 4,516,495, Cl. 101-129.000.
- Ericsson, Sylve J. D., 4,538,358, Cl. 34-4.000.
- Ericsson, Sylve J. D., 4,545,131, Cl. 34-4.000.
- Ericsson, Sylve J. D., 4,551,925, Cl. 34-4.000.

Svedberg, Per, to ASEA Aktiebolag. Two-pole overcurrent protection device. 4,509,089, 4-2-85, Cl. 361-100.000.

Svedberg, Per, to ASEA Aktiebolag. Two-pole overcurrent protection device. 4,546,401, 10-8-85, Cl. 361-91.000.

Sveds, Paul, to Groen Division/Dover Corporation. Liquid level control. 4,491,146, 1-1-85, Cl. 137-341.000.

Sveinsbo, Gunnar: *See—*
- Gismervik, Jan E.; and Sveinsbo, Gunnar, 4,499,348, Cl. 200-84.00C.

Svendsen, Find. Device for heating the bitumen layer of rolled roofing material. 4,547,152, 10-15-85, Cl. 432-229.000.

Svendsen, John A., to Minnesota Mining and Manufacturing Company. Device for processing thermally developable films and papers. 4,518,845, 5-21-85, Cl. 219-216.000.

Svendsen, Leo: *See—*
- Sorensen, Gunnar; and Svendsen, Leo, 4,518,738, Cl. 524-435.000.

Svendsen, Leo G.: *See—*
- Soerensen, Gunnar; and Svendsen, Leo G., 4,495,216, Cl. 427-25.000.
- Sorensen, Gunnar; and Svendsen, Leo G., 4,504,529, Cl. 427-437.000.

Svendsen, Robert A., to Marine Construction & Design Co. Powered net hauling block with tilt mechanism for net balancing. 4,490,936, 1-1-85, Cl. 43-8.000.

Svendsen, Robert A., to Marine Construction & Design Co. Deepwater king crab pot line hauler. 4,511,122, 4-16-85, Cl. 254-332.000.

Svengren, Anders G., to Nestec S.A. Method of and a machine for disintegrating materials. 4,509,700, 4-9-85, Cl. 241-280.000.

Svens, Runar, to AB Nordstroms Linbanor. Feeding device for a vertical tube conveyor. 4,492,302, 1-8-85, Cl. 198-671.000.

Svensen, Ottar H.: *See—*
- Eilertsen, Odd J.; and Svensen, Ottar H., 4,507,636, Cl. 336-12.000.

Svenska Lantmannens Riksforbund, Forening u.p.a: *See—*
- Baeling, Peter; and Ehnstrom, Lars (said Lars Ehnstrom assors. to), 4,552,775, Cl. 426-624.000.

Svenska Rotor Maskiner Aktiebolag: *See—*
- Forslund, Lennart; and Nilsson, Orjan, 4,523,894, Cl. 417-161.000.

Svenska Sockerfabriks AB: *See—*
- Dahmen, Jan E.; Magnusson, Hans G.; and Martensson, Kaj B., 4,521,592, Cl. 536-4.100.

Svenska Traforskningsinstitutet: *See—*
- Karlsson, Hakan I.; and Pettersson, Jan G. T., 4,514,257, Cl. 162-49.000.
- Pettersson, Jan G. T.; and Karlsson, Hakan I., 4,529,309, Cl. 356-335.000.

Svenson, Bert N. Centralizer for well casings. 4,520,869, 6-4-85, Cl. 166-241.000.

Svensson, Bengt T.: *See—*
- Josefsson, Lars G.; Svensson, Bengt T.; and Moeschlin, Lars F., 4,494,083, Cl. 333-33.000.

Svensson, Claes G. S.: *See—*
- Henriksson, Sven-Erik D.; Ahrel, Bo A.; Svensson, Claes G. S.; and Franzen, Torsten A. H., 4,537,655, Cl. 162-23.000.

Svensson, Erik W., Sr.: *See—*
- Varone, Richard B.; and Svensson, Erik W., Sr., 4,536,047, Cl. 339-75.00M.

Svensson, Hakan: *See—*
- Persson, Bert; and Svensson, Hakan, 4,556,010, Cl. 116-22.00R.

Svensson, Lars-Erik: *See—*
- Tengzelius, Jan R.; Blande, Carl-Axel; and Svensson, Lars-Erik, 4,518,427, Cl. 75-251.000.

Svensson, Lars T. E., to Telefonaktiebolaget LM Ericsson. Apparatus for connecting digital terminals to a digital exchange. 4,553,235, 11-12-85, Cl. 370-94.000.

Svensson, Lars T. E.: *See—*
- Carlqvist, Bengt R.; and Svensson, Lars T. E., 4,539,674, Cl. 370-32.000.

Svensson, Rolf. Method and a device for expelling liquid by squeezing of masses having great liquid content. 4,543,880, 10-1-85, Cl. 100-37.000.

Svensson, Sven A.; Oledal, Bo J. M.; and Lofgren, Stig-Gunnar E., to KMW Aktiebolag. Barking drum with at least one bearing ring. 4,559,986, 12-24-85, Cl. 144-208.00B.

Svensson, Sven A. T., to Duni Bila AB. Absorption pad. 4,524,474, 6-25-85, Cl. 5-484.000.

Svetlik, Harvey E., to Phillips Petroleum Company. Heat transfer device and method of manufacture. 4,509,590, 4-9-85, Cl. 165-104.270.

Sviniin, Mikhail P.: *See—*
  Dmitriev, Stanislav P.; Ivanov, Andrei S.; Sviniin, Mikhail P.; and Fedotov, Mikhail T., 4,492,873, Cl. 250-492.300.

Svirin, Jury A.: *See—*
  Belyavsky, Alexandr D.; Borozdinov, Gennady M.; Vasiliev, Vitaly M.; Kalognomos, Viktor I.; Komov, Nikolai A.; Pavlov, Gennady A.; Persits, Evgeny L.; Sergienko, July M.; Svirin, Jury A.; and Titov, Boris V., 4,491,314, Cl. 272-63.000.

Svistunov, Vladimir E.: *See—*
  Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S., Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Svob, Gerald J.: *See—*
  Bills, Kenneth W., Jr.; and Svob, Gerald J., 4,523,475, Cl. 73-781.000.

Svoboda, Edward J., to Midas International Corporation. Tubing expander apparatus. 4,494,398, 1-22-85, Cl. 72-393.000.

Svoboda Entwicklungs KG: *See—*
  Svoboda, Rudolf, 4,550,666, Cl. 108-96.000.
  Svoboda, Rudolf, 4,560,137, Cl. 248-652.000.

Svoboda, George: *See—*
  Dines, David R.; Svoboda, George; and Workman, Robert G., 4,535,535, Cl. 29-845.000.

Svoboda, Josef, to TMC Corporation. Ski brake. 4,500,106, 2-19-85, Cl. 280-605.000.

Svoboda, Josef; and Szabo, Emilie, to TMC Corporation. Ski brake. 4,500,107, 2-19-85, Cl. 280-605.000.

Svoboda, Josef; Nitschko, Theodor; and Wittmann, Heinz, to TMC Corporation. Safety ski binding. 4,508,361, 4-2-85, Cl. 280-628.000.

Svoboda, Josef, to TMC Corporation. Device for cross-country skiing. 4,513,988, 4-30-85, Cl. 280-615.000.

Svoboda, Josef; Himmetsberger, Alois; and Szabo, Emilie, to TMC Corporation. Adjusting mechanism. 4,524,990, 6-25-85, Cl. 280-633.000.

Svoboda, Josef; Krob, Erwin; and Bauer, Helmut, to TMC Corporation. Ski binding. 4,531,758, 7-30-85, Cl. 280-628.000.

Svoboda, Josef, to TMC Corporation. Ski brake. 4,544,177, 10-1-85, Cl. 280-605.000.

Svoboda, Josef, to TMC Corporation. Safety ski binding. 4,552,378, 11-12-85, Cl. 280-632.000.

Svoboda, Josef: *See—*
  Spitaler, Engelbert; Oberleitner, Gerhard; Svoboda, Josef; Nitschko, Theodor; and Riss, Wilfried, 4,545,598, Cl. 280-612.000.

Svoboda, Rudolf, to Svoboda Entwicklungs KG. Equipment stand. 4,550,666, 11-5-85, Cl. 108-96.000.

Svoboda, Rudolf, to Svoboda Entwicklungs KG. Positioning device for a supported article. 4,560,137, 12-24-85, Cl. 248-652.000.

Svozil, Zdenek: *See—*
  Husak, Zdenek; Svozil, Zdenek; Mazak, Ivan; Lehky, Josef; Hora, Josef; Smid, Zdenek; and Kebrle, Ondrej, 4,549,742, Cl. 280-11.180.

Svyatsky, Eduard; and Rabindran, K. George, to Bell & Howell Company. Rotatable print mechanism for printing on front or back of media. 4,561,352, 12-31-85, Cl. 101-2.000.

SW Daniel, Inc.: *See—*
  Atchisson, Maxwell G., 4,522,105, Cl. 89-139.000.
  Daniel, Wayne, 4,530,417, Cl. 181-223.000.

SW Industries, Inc.: *See—*
  Hamed, Parviz, 4,530,[illegible]4, Cl. 523-335.000.

Swafford, Charles V.: *See—*
  Becker, Billy G.; and Swafford, Charles V., 4,508,166, Cl. 166-117.500.

Swagert, Dean R.: *See—*
  Reslow, Leif F.; Nieman, Mark D.; and Swagert, Dean R., 4,512,254, Cl. 101-157.000.

Swaim, Robert J.: *See—*
  Buckley, John D.; Swaim, Robert J.; Fox, Robert L.; and Johnston, David F., 4,521,659, Cl. 219-10.770.

Swain, Dwight P. Protective holder for binoculars. 4,556,159, 12-3-85, Cl. 224-257.000.

Swain, James C.; and Thomas, David L., to Diesel Kiki Co., Ltd. Wobble plate piston pump. 4,492,527, 1-8-85, Cl. 417-222.000.

Swain, James C.; and Yates, Jan B., to Diesel Kiki Co., Ltd. Variable capacity wobble plate compressor capable of controlling angularity of wobble plate with high responsiveness. 4,526,516, 7-2-85, Cl. 417-222.000.

Swain, James C., to Borg-Warner Corporation. Power transmission chain and link therefor. 4,526,560, 7-2-85, Cl. 474-242.000.

Swain, James C.; and Thomas, David L., to Diesel Kiki Co., Ltd. Variable capacity wobble plate compressor with prompt capacity control. 4,533,299, 8-6-85, Cl. 417-222.000.

Swain, James C.; and Thomas, David L., to Diesel Kiki Co., Ltd. Variable capacity wobble plate compressor with high stability of capacity control. 4,553,905, 11-19-85, Cl. 417-222.000.

Swain, R. L. Bibb. Vapor compression distillation system. 4,539,076, 9-3-85, Cl. 202-154.000.

Swain, Roy D.: *See—*
  Goodwin, Anton E.; Marton, Janet L.; Owens, Robert M.; Whisenhunt, Jackie W.; and Swain, Roy D., 4,528,162, Cl. 422-101.000.

Swain, Roy E.; and Clark, William E., to Carrier Corporation. Subzone diverter control. 4,527,734, 7-9-85, Cl. 236-49.000.

Swain, Thomas L., to Monolithic Memories, Inc. Integrated circuit package magazine and receptacle. 4,533,043, 8-6-85, Cl. 206-328.000.

Swallert, Sven A. Coffin. 4,517,713, 5-21-85, Cl. 27-4.000.

Swallow, Nancy A.: *See—*
  Leshik, Richard R.; Swallow, Nancy A.; Leusner, Steven J.; and DiGiovacchino, David J., 4,546,002, Cl. 426-576.000.

Swallow, Roger T.; Jackson, William R.; and Pierce, Jack D., to Rampon Products, Inc. Support stocking product or the like. 4,502,301, 3-5-85, Cl. 66-178.00A.

Swallow, Roger T.; Jackson, William R.; and Pierce, Jack D., to Rampon Products, Inc. Program-controlled knitting machine, method and products thereof. 4,527,402, 7-9-85, Cl. 66-55.000.

Swan, Charles A., to Windows, Inc. Shallow double hung window. 4,503,641, 3-12-85, Cl. 49-445.000.

Swan, Clarence B.: *See—*
  Bosch, Fridolin L.; and Swan, Clarence B., 4,539,686, Cl. 372-26.000.

Swan Corporation, The: *See—*
  Moore, John W., 4,539,721, Cl. 4-613.000.

Swan, Henry B.: *See—*
  Bauer, Gerald; and Swan, Henry B., 4,543,942, Cl. 126-314.000.

Swan, Paul J.: *See—*
  Rabe, Robert L.; and Swan, Paul J., 4,558,237, Cl. 307-475.000.

Swan, Thomas C. Fastening device for flexible sheets. 4,534,089, 8-13-85, Cl. 24-559.000.

Swander, Robert E.: *See—*
  Hyde, Rebecca A.; Krimminger, Kenneth R.; and Swander, Robert E., 4,522,616, Cl. 493-44.000.

Swaney, Gary; and Sells, Donald E., to Aero Engineering Corporation. Helicopter air conditioner compressor driving and mounting apparatus. 4,506,522, 3-26-85, Cl. 62-243.000.

Swaniger, James R.; and Goth, Paul R., to American Hospital Supply Corporation. Instrument for ophthalmic laser surgery. 4,520,824, 6-4-85, Cl. 128-395.000.

Swank, Harry R.; Doggett, Fred F.; Huyler, Lee E.; and Sofia, Santo J., to General Electric Company. Implosion resistant cathode ray tubes. 4,544,955, 10-1-85, Cl. 358-246.000.

Swann, David A.: *See—*
  Donahoe, Patricia K.; Budzik, Gerald P.; and Swann, David A., 4,510,131, Cl. 424-105.000.

Swann, Wayne E., to Genex Corporation. Vermiculite as a carrier support for immobilized biological materials. 4,504,582, 3-12-85, Cl. 435-108.000.

Swanson, Arthur P. Golf club. 4,498,673, 2-12-85, Cl. 273-172.000.

Swanson, Barry J.; and Shubkin, Ronald L., to Ethyl Corporation. Process for making meta- and para-alkylphenols. 4,532,368, 7-30-85, Cl. 568-791.000.

Swanson, Barry J.: *See—*
  Koch, Tad H.; and Swanson, Barry J., 4,505,792, Cl. 204-159.110.

Swanson, C. D., to Chemstyle, Inc. Interior window cover assembly for selective insulating sealable closure of a window opening. 4,531,562, 7-30-85, Cl. 160-26.000.

Swanson, Carl A. Reversible drill and drive tool holder. 4,512,693, 4-23-85, Cl. 408-239.00R.

Swanson, Carl D.: *See—*
  Hagstrom, Arthur A.; and Swanson, Carl D., 4,496,200, Cl. 312-208.000.

Swanson, Carl I., to Kidde, Inc. Multiple redundant suppression devices with provision of supervision and fault correction. 4,520,348, 5-28-85, Cl. 340-508.000.

Swanson, David L.: *See—*
  Smith, Gilbert L.; Swanson, David L.; and Trick, Gilbert, 4,503,837, Cl. 126-190.000.

Swanson, Dennis E.; and Lerum, Robert D. Apparatus for applying liquid coatings. 4,540,301, 9-10-85, Cl. 401-146.000.

Swanson, Eric J., to AT&T Bell Laboratories. Gate-coupled field-effect transistor pair amplifier. 4,518,926, 5-21-85, Cl. 330-253.000.

Swanson, Eric J., to AT&T Bell Laboratories. Switched capacitor feedback sample-and-hold circuit. 4,542,304, 9-17-85, Cl. 307-353.000.

Swanson, Harley D.; McAninch, Terry L.; and Conner, J. Keith, to Birko Corporation. Depilating composition and method. 4,548,608, 10-22-85, Cl. 8-94.160.

Swanson, Hilmer I., to Harris Corporation. PDM amplifier having distortion reduction circuit. 4,510,456, 4-9-85, Cl. 330-10.000.

Swanson, James L.; and Bendure, Raymond L., to Procter & Gamble Company, The. Individually packaged disposable absorbent article. 4,556,146, 12-3-85, Cl. 206-440.000.

Swanson, Larry: *See—*
  Evans, Ronald M.; Swanson, Larry; Vale, Wylie W., Jr.; Rosenfeld, Michael G.; Amara, Susan G.; Brown, Marvin R.; and Rivier, Jean E. F., 4,530,838, Cl. 514-11.000.

Swanson, Mark, to GenRad, Inc. Method of computerized in-circuit testing of electrical components and the like with automatic spurious signal suppression. 4,555,783, 11-26-85, Cl. 371-15.000.

Swanson, Mervin D. Penetration seal. 4,498,692, 2-12-85, Cl. 285-20.000.

Swanson, Richard G., to Esco Design, Inc. Electromechanical linear actuator. 4,500,805, 2-19-85, Cl. 310-80.000.

Swanson, Robert R., to AT&T Technologies, Inc. Methods of securing an adhesive strip to a carrier. 4,557,782, 12-10-85, Cl. 156-250.000.

Swanson, Ronald C. Measuring tool. 4,513,510, 4-30-85, Cl. 33-419.000.

Swanson, Ronald L.; and Strathman, Lyle R., to Rockwell International Corporation. Reduced memory graphics-to-raster scan converter. 4,496,976, 1-29-85, Cl. 358-147.000.

Swanson, Roy T., to S&C Electric Company. Pressure-operated switch for a high-voltage interrupting module. 4,499,446, 2-12-85, Cl. 337-30.000.

Swanson, Russell K. Display fixture with removable arm for use with perforated board. 4,502,602, 3-5-85, Cl. 211-59.100.

Swanson, Sigurd A.: *See—*

Grab, George P.; Hood, Grant W., Jr.; Swanson, Sigurd A.; and Nemeth, Bela J., 4,491,559, Cl. 419-36.000.

Swanson, Steven E., to GTE Products Corporation. Fiber optic drawer connector assembly. 4,518,220, 5-21-85, Cl. 350-96.200.

Swanson, Wesley S., to Eaton Corporation. Electrically actuated valve assembly. 4,502,661, 3-5-85, Cl. 251-30.000.

Swanson, Wilbur M., to Dynatek, Inc. Accelerated heart valve testing apparatus and methods. 4,546,642, 10-15-85, Cl. 73-37.000.

Swanson, William E., to GTI Corporation. Matrix multiplier with normalized output. 4,553,220, 11-12-85, Cl. 364-715.000.

Swanson, William E.: *See—*

Emmons, Daniel R.; and Swanson, William E., 4,561,066, Cl. 364-736.000.

Swaringen, Roy A.: *See—*

Wisowaty, James C.; Swaringen, Roy A.; and Yeowell, David A., 4,500,711, Cl. 544-258.000.

Swaringen, Roy A., Jr.: *See—*

El-Sayad, Hassan A.; Swaringen, Roy A., Jr.; and Yeowell, David A., 4,491,665, Cl. 546-140.000.

Swart, Daniel J.: *See—*

Kruper, William J., Jr.; and Swart, Daniel J., 4,500,704, Cl. 528-405.000.

Swarthout, Richard L., to United States of America, Army. Ammunition locking mechanism. 4,508,215, 4-2-85, Cl. 206-3.000.

Swartley, John S.: *See—*

Rispoli, Joseph M.; Rogers, Morris A.; Sergenian, Haig H.; Swartley, John S.; and Topalian, Harry, 4,496,601, Cl. 426-554.000.

Swartz, Franklin J.; and Anatolev, Alex. Police baton. 4,522,398, 6-11-85, Cl. 273-84.00R.

Swartz, Harold L.; Hoogervorst, Thomas R.; and Lane, Lynn R., to Sperry Corporation. Precision inclinometer with digital numerical readout. 4,503,622, 3-12-85, Cl. 33-366.000.

Swartz, Harold L.: *See—*

Heidel, Jeffrey C.; and Swartz, Harold L., 4,531,300, Cl. 33-366.000.

Heidel, Jeffrey C.; Hoogervorst, Thomas R.; Lane, Lynn R.; and Swartz, Harold L., 4,547,972, Cl. 33-366.000.

Neis, Thomas W.; and Swartz, Harold L., 4,521,974, Cl. 33-379.000.

Swartz, Harold S. R.; and Arthurs, Trudy. Sportcycle. 4,546,992, 10-15-85, Cl. 280-282.000.

Swartz, Henry D.; and Miller, Alan H., to Anechoic Systems Company, Inc. Acoustic panel and enclosure. 4,550,798, 11-5-85, Cl. 181-201.000.

Swartz, James R.: *See—*

Sherman, Leonard H.; Swartz, James R.; and Williams, James M., 4,554,499, Cl. 318-696.000.

Swartz, Jerome; Barkan, Edward; and Harrison, Shelley A., to Symbol Technologies, Inc. Portable laser scanning system and scanning methods. 4,496,831, 1-29-85, Cl. 235-472.000.

Swartz, Raymond K.: *See—*

Bursh, Talmage P., Jr.; Davis, Dean I.; Slominski, John T.; and Swartz, Raymond K., 4,510,346, Cl. 174-36.000.

Swartz, Robert G.: *See—*

Finegan, Sean N.; McFee, James H.; and Swartz, Robert G., 4,492,852, Cl. 219-405.000.

Jarvis, John F.; Swartz, Robert G.; and Wooley, Bruce A., 4,539,554, Cl. 345-365.00A.

Swartz, William E.; Everson, Charles W.; and Bender, Fredric G., to Stauffer Chemical Company. Use of soy products having a reduced beany flavor in meat and other food products. 4,556,571, 12-3-85, Cl. 426-265.000.

Swartz, William E.: *See—*

Bender, Fredric G.; Everson, Charles W.; and Swartz, William E., 4,500,559, Cl. 426-646.000.

Swartzbaugh, Peter T.; and Hehl, Edward M., to Owens-Illinois, Inc. Tamper indicating package with large diameter opening. 4,503,985, 3-12-85, Cl. 215-252.000.

Swartzbaugh, Peter T., to Owens-Illinois, Inc. Tamper indicating package. 4,527,704, 7-9-85, Cl. 215-252.000.

Swartzbaugh, Peter T.; and Hehl, Edward M., to Owens-Illinois, Inc. Tamper indicating package. 4,527,706, 7-9-85, Cl. 215-252.000.

Swartzbaugh, Peter T.; and Hehl, Edward M., to Owens-Illinois, Inc. Tamper indicating package. 4,540,099, 9-10-85, Cl. 215-252.000.

Swartzendruber, James A., to Deere & Company. Continuous gauge wheel arm adjustment device with scissors action locking. 4,496,005, 1-29-85, Cl. 172-395.000.

Swartzendruber, Ray E., to Chore-Time Equipment, Inc. Feed distribution apparatus. 4,495,894, 1-29-85, Cl. 119-51.00R.

Swarztrauber, Sayre A.: *See—*

Segan, Marc C.; Swarztrauber, Sayre A.; and Patterson, Neil K., 4,547,635, Cl. 200-52.00R.

Swasey, Archie N., to USM Corporation. Converted temperature control roll. 4,506,727, 3-26-85, Cl. 165-90.000.

Swatty, Gene: *See—*

Brundage, Robert W.; and Swatty, Gene, 4,553,732, Cl. 251-30.010.

Sweany, Louis P.: *See—*

Black, Donald E.; Sweany Louis P., and Pirtle, James D., 4,558,305, Cl. 340-384.00E.

Swearingen, Judson S. Fluid handling method with improved purification. 4,495,035, 1-22-85, Cl. 203-23.000.

Swearingen, Judson S. Method for nozzle clamping force control. 4,502,836, 3-5-85, Cl. 415-150.000.

Swearingen, Judson S. Process of purifying a recirculating working fluid. 4,512,851, 4-23-85, Cl. 203-88.000.

Swearingen, Loren L.; and LaTulip, Randy J., to Dow Chemical Company, The. Hydroxystyrylazapolymers. 4,515,938, 5-7-85, Cl. 528-252.000.

Swearingen, Loren L.; Heinsohn, Alfred W.; Snook, Craig W.; Embrey, Wallace E.; and McConchie, Garnet E., to Dow Chemical Company, The. Acetophenone recovery and purification. 4,559,110, 12-17-85, Cl. 203-37.000.

Swearingen, Loren L.: *See—*

Treybig, Duane S.; and Swearingen, Loren L., 4,543,388, Cl. 524-597.000.

Swearingen, Ralph M. Lock system for removable automobile roof panel. 4,540,215, 9-10-85, Cl. 296-218.000.

Swearingin, David. Nipple feeder for dispensing dry feed. 4,508,061, 4-2-85, Cl. 119-51.00R.

Sweat, William T., to ASARCO Incorporated. Non-polluting heat recuperative sintering method and apparatus. 4,501,412, 2-26-85, Cl. 266-178.000.

Sweatman, Ronald E.; Freeman, Earl R. Gottschling, John; and Simon, John, to Hughes Tool Company. Pneumatic transfer of solids into wells. 4,512,405, 4-23-85, Cl. 166-278.000.

Sweazey, Donald G.; and Gallaugher, Glenn B., Jr. Parking lot fee box. 4,491,269, 1-1-85, Cl. 232-43.200.

Sweda International, Inc.: *See—*

Melys, Aleksandras A., 4,497,987, Cl. 200-42.00R.

Swedberg, Valter: *See—*

Andersson, Jan; Swedberg, Valter; Trok, Benjamin; and Paulsson, Kurt, 4,529,841, Cl. 179-18.0BE.

Swede, Harald G.: *See—*

Edebo, Lars B.; Swede, Harald G.; and Tornqvist, Nils-Erik, 4,503,873, Cl. 134-104.000.

Swedish Institute for Silicate Research: *See—*

Pompe, Robert, 4,492,665, Cl. 264-65.000.

Swedish Rail System AB SRS: *See—*

Borup, Alf L.; and Astrom, Erik G., 4,520,901, Cl. 184-3.100.

Swedlow, Inc.: *See—*

Ashlock, L. T.; Mukamal, Harold; and White, William H., 4,500,669, Cl. 524-440.000.

Ashlock, Lysander T.; Mukamal, Harold; and White, William H., 4,540,634, Cl. 428-451.000.

Swedo, Raymond J.; and House, David W., to UOP Inc. Electrically conducting aromatic azopolymers and method of preparation. 4,511,492, 4-16-85, Cl. 252-500.000.

Swedo, Raymond J.: *See—*

House, David W.; and Swedo, Raymond J., 4,505,846, Cl. 252-500.000.

Malloy, Thomas P.; and Swedo, Raymond J., 4,501,675, Cl. 252-8.55D.

Malloy, Thomas P.; and Swedo, Raymond J., 4,536,301, Cl. 252-8.55D.

Sweedyk, James M., to Sundstrand Heat Transfer, Inc. Compact high efficiency furnace. 4,557,249, 12-10-85, Cl. 126-110.00R.

Sweeney, Cecilia: *See—*

Wittes, James M.; and Sweeney, Cecilia, 4,557,825, Cl. 209-3.000.

Sweeney, Charles T.; and Bird, John K., to Tetravalent Inc. Desulfurization of coal. 4,496,441, 1-29-85, Cl. 204-98.000.

Sweeney, Dennis A.; and Sanders, David E., to E-Systems, Inc. Method and apparatus for baseband generation of a spread spectrum reference signal for use in an LMS adaptive array processor. 4,528,674, 7-9-85, Cl. 375-1.000.

Sweeney, Donald W.; Gallagher, Neal C.; and Christensen, Charles R., to United States of America, Army. Scanning beam beamrider missile guidance system. 4,516,743, 5-14-85, Cl. 244-3.130.

Sweeney, Gerald T., to Tigre Tierra, Inc. Apparatus for driving an elongated piece into and/or out of the ground. 4,544,040, 10-1-85, Cl. 173-91.000.

Sweeney, Lawrence E., Jr.: *See—*

Weaver, Charles S.; LeBlanc, Robert A.; and Sweeney, Lawrence E., Jr., 4,546,342, Cl. 340-347.0DD.

Sweeney, Richard F.: *See—*

Lewis, James M.; Owens, Robert A.; Sweeney, Richard F.; Wake, Ronald W.; and Rinehart, Robert E., 4,526,856, Cl. 430-191.000.

Sweeney, Theodore J., to Theodore Sweeney & Co. Adhesively securable fastener. 4,555,206, 11-26-85, Cl. 411-23.000.

Sweeney, William A., to Chevron Research Company. Purification of olefins by boron trifluoride-alcohol treatment. 4,527,004, 7-2-85, Cl. 585-851.000.

Sweeney, William A., to Chevron Research Company. Substituted succinic anhydride/emulsifier composition. 4,545,855, 10-8-85, Cl. 162-158.000.

Sweeney, William A., to Chevron Research Company. Stable substituted succinic anhydride/ether ester emulsifier composition and methods for its use. 4,545,856, 10-8-85, Cl. 162-158.000.

Sweeney, William J., to Engelhard Corporation. Animal litter container. 4,534,315, 8-13-85, Cl. 119-1.000.

Sweeney, William M., to Texaco Inc. Process for treating gasoline or gasohol by contact with KF or K_2CO_3. 4,539,013, 9-3-85, Cl. 44-56.000.

Sweeney, William M., to Texaco Inc. Low flash point diesel fuel of increased conductivity containing amyl alcohol. 4,539,014, 9-3-85, Cl. 44-56.000.

Sweeney, William M.: *See—*

Lu-Dai Sung, Rodney; Sweeney, William M.; and Zoleski, Benjamin H., 4,514,311, Cl. 252-32.500.

Sung, Rodney L.; Sweeney, William M.; and Kaufman, Benjamin J., 4,530,802, Cl. 260-925.000.

Sung, Rodney L.; Zoleski, Benjamin H.; Sweeney, William M.; and Crawford, Wheeler C., 4,557,848, Cl. 252-51.50R.

Sweeney, William T.: *See—*

Oda, Ronald L.; and Sweeney, William T., 4,541,850, Cl. 55-204.000.

Sweeny, Norman P.; Relyea, Keith E.; and Brusted, Wayne L., to Minnesota Mining and Manufacturing Company. Fragrance-releasing microcapsules on a see-through substrate. 4,493,869, 1-15-85, Cl. 428-201.000.

Sweeny, Norman P., to Minnesota Mining and Manufacturing Company. Stretchable microfragrance delivery article. 4,528,226, 7-9-85, Cl. 428-40.000.

Sweet, Edmund G. F., to Ontario Research Foundation. Method and apparatus for soil mechanics measurements of filter cakes. 4,548,080, 10-22-85, Cl. 73-432.0SD.

Sweet, George W., to Mead Corporation, The. Fluid jet print head having baffle means therefor. 4,528,571, 7-9-85, Cl. 346-75.000.

Sweet, Ian J. H.: *See—*

Rigden, Sydney A. R.; and Sweet, Ian J. H., 4,506,194, Cl. 315-200.00R.

Sweet, Richard C.: *See—*

Bronnes, Robert L.; McKinlay, James K.; Sweet, Richard C.; and Zwicker, Walter K., 4,559,280, Cl. 428-633.000.

Sweet, Richard H.; Baker, Thomas J.; Stickel, Erick E.; and Gauthier, Emile. Jewelry clasp. 4,527,315, 7-9-85, Cl. 24-615.000.

Sweet, Steven W. Heat circulating fireplace grate assembly for gas fired logs. 4,512,329, 4-23-85, Cl. 126-121.000.

Sweet, Welby C., to Marathon Oil Company. Process for devolatilizing natural gas liquids. 4,509,967, 4-9-85, Cl. 62-17.000.

Sweet, Welby C., to Marathon Oil Company. Process for devolatilizing natural gas liquids. 4,559,070, 12-17-85, Cl. 62-17.000.

Sweetana, Andrew S., Jr.: *See—*

Gupta, Tapan K.; Carlson, William G.; Osterhout, Joseph C.; Boyette, Gerald B.; and Sweetana, Andrew S., Jr., 4,549,981, Cl. 252-518.000.

Sweetapple, Gary G.: *See—*

Covitch, Michael J.; and Sweetapple, Gary G., 4,540,716, Cl. 521-28.000.

Sweeting, Charles W.: *See—*

Bello, Vincent G.; and Sweeting, Charles W., 4,536,700, Cl. 323-285.000.

Bello, Vincent G.; and Sweeting, Charles W., 4,546,421, Cl. 363-21.000.

Sweetland, Roger D.: *See—*

Webster, Timothy P.; Bush, Ervin E.; and Sweetland, Roger D., 4,552,662, Cl. 210-232.000.

Sweetman, James E.: *See—*

Miller, Alexander; Sweetman, James E.; and McDougall, Douglas J., 4,532,743, Cl. 52-207.000.

Sweeton, David C., to Allen-Bradley Company. Communications network with stations that detect and automatically bypass faults. 4,527,270, 7-2-85, Cl. 371-11.000.

Swenck, George F., to Reynolds Metals Company. Method for recycling cans. 4,505,370, 3-19-85, Cl. 194-4.00C.

Swengel, Robert C., Jr., to AMP Incorporated. Shunted electrical connectors. 4,552,423, 11-12-85, Cl. 339-19.000.

Swensen, Michael W., to Texas Instruments Incorporated. Data display keyboard with angular positioning. 4,527,149, 7-2-85, Cl. 340-365.00R.

Swenson, Hilmer W.: *See—*

Heath, James E.; and Swenson, Hilmer W., 4,517,464, Cl. 250-370.000.

Swenson, Kirk A.; and Swenson, Robert E. Roll container. 4,537,366, 8-27-85, Cl. 242-137.000.

Swenson, Paul F.: *See—*

Hise, Ralph E.; and Swenson, Paul F., 4,510,756, Cl. 60-659.000.

Swenson, Paul F., Jr.: *See—*

Gerstmann, Joseph; Hauck, William M.; Raymond, Robert; and Swenson, Paul F., Jr., 4,501,253, Cl. 123-527.000.

Swenson, Paul M.: *See—*

Devellian, Richard D.; and Swenson, Paul M., 4,500,279, Cl. 425-548.000.

Swenson, Richard C., to United States of America, Navy. Safety mooring line. 4,534,262, 8-13-85, Cl. 87-6.000.

Swenson, Robert E.; Sasscer, Lawrence D.; and Robinson, Don M., to Sperry Corporation. Cache/disk subsystem with floating entry. 4,523,275, 6-11-85, Cl. 364-200.000.

Swenson, Robert E.: *See—*

Hamstra, James R.; and Swenson, Robert E., 4,530,054, Cl. 364-200.000.

Swenson, Kirk A.; and Swenson, Robert E., 4,537,366, Cl. 242-137.000.

Swenson, Roy S.: *See—*

Brandon, Ralph E.; Davis, Charles J.; Ring, Michael; and Swenson, Roy S., 4,512,849, Cl. 162-157.200.

Swenson Spreader Company: *See—*

Manon, Kenneth P., 4,549,697, Cl. 239-681.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. Novel aryl phosphoric triamide and aryl phosphorodiamidate urease and nitrification inhibitors and urease and nitrification inhibited urea and reduced nitrogen based fertilizer compositions. 4,517,004, 5-14-85, Cl. 71-28.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. Phosphoroamide urease inhibitors and urease inhibited urea based fertilizer compositions. 4,517,007, 5-14-85, Cl. 71-28.000.

Swerdloff, Michael D.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. Poly-phosphorodiamide urease inhibitors and urease inhibited urea based fertilizer compositions. 4,518,413, 5-21-85, Cl. 71-28.000.

Swerdloff, Michael D.; Van Der Puy, Michael; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., to Allied Corporation. Urease inhibited urea based fertilizer compositions containing N-aryl-N-aliphatic phosphorotriamide compounds. 4,539,037, 9-3-85, Cl. 71-28.000.

Swerdloff, Michael D.: *See—*

Anello, Louis G.; Van Der Puy, Michael; Hendrickson, Larry L.; Rogic, Milorad M.; Swerdloff, Michael D.; and Kolc, Jaroslav F., 4,517,002, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,003, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,517,005, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,528,020, Cl. 71-28.000.

Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; Hendrickson, Larry L.; and Van Der Puy, Michael, 4,530,714, Cl. 71-28.000.

Van Der Puy, Michael; Kolc, Jaroslav F.; Anello, Louis G.; Hendrickson, Larry L.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,537,614, Cl. 71-28.000.

Van Der Puy, Michael; Hendrickson, Larry L.; Kolc, Jaroslav F.; Rogic, Milorad M.; and Swerdloff, Michael D., 4,540,428, Cl. 71-28.000.

Swersey, Burt L.; and Fried, Peter I., to Cobe ASDT, Inc. Scale of flat construction. 4,551,882, 11-12-85, Cl. 16-226.000.

Swessel, John A., Jr.: *See—*

Link, Donald A.; Swessel, John A., Jr.; and Theisen, Peter J., 4,511,772, Cl. 200-144.00R.

Link, Donald A.; Swessel, John A., Jr.; and Theisen, Peter J., 4,527,027, Cl. 200-144.00R.

Swessel, Michael A.; and Hahn, Norbert, to Rite-Hite Corporation. Dockboard assembly. 4,531,248, 7-30-85, Cl. 14-71.300.

Swetnam, Larry D.; Casada, James H.; and Walton, Linus R., to University of Kentucky Research Foundation, The. Cultivating attachment for crop harvester support vehicle. 4,540,054, 9-10-85, Cl. 172-292.000.

Swetnam, Norman T., to General Electric Company. Wiring device covers. 4,541,538, 9-17-85, Cl. 220-3.800.

Swett, H. Darwin: *See—*

Schafer, Tony L.; Schafer, Stephen A.; Schafer, Gregory L.; and Swett, H. Darwin, 4,548,194, Cl. 126-110.00R.

Swett, Richard E.: *See—*

Swett, Robert C.; and Swett, Richard E., 4,523,757, Cl. 273-63.00E.

Swett, Robert C.; and Swett, Richard E. Bowling ball weight exchanger. 4,523,757, 6-18-85, Cl. 273-63.00E.

SWF Auto-Electric GmbH: *See—*

Bauer, Kurt; Edele, Reinhard; Epple, Anton; Trube, Hans; Pfeiffer, Martin; and Berger, Josef, 4,559,663, Cl. 15-250.350.

Swiatkowski, Piotr; and Wiklund, Thomas, to KenoGard AB. Flotation collector composition and its use. 4,514,290, 4-30-85, Cl. 209-166.000.

Swiatlowski, George: *See—*

Spletzer, Barry L.; and Swiatlowski, George, 4,561,817, Cl. 414-119.000.

Swiatlowski, George J.: *See—*

Spletzer, Barry; Swiatlowski, George J.; and Brandt, Maurice W., 4,523,377, Cl. 29-773.000.

Swiatosz, Edmund; Grimmer, Paul D.; and Sciascia, Rocco M., to United States of America, Navy. Simulated oxygen breathing apparatus. 4,539,986, 9-10-85, Cl. 128-205.130.

Swiatosz, Edmund; and Grimmer, Paul D., to United States of America, Navy. Portable smoke generator. 4,547,656, 10-15-85, Cl. 219-300.000.

Swick, E. Grant: *See—*

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Swick, Edwin G., to Illinois Tool Works Inc. Fastener assembly for thermal insulation end panel for a paper machine dryer cylinder. 4,506,459, 3-26-85, Cl. 34-110.000.

Swick, Edwin G.: *See—*

Ruehl, William E.; Heidorn, Richard H.; and Swick, Edwin G., 4,554,609, Cl. 361-119.000.

Swick, Robert H., to W. L. Gore & Associates, Inc. Apparatus for the separation of hydrogen sulfide from a gas mixture. 4,493,716, 1-15-85, Cl. 55-158.000.

Swider, Robert A.; and Horsch, Martha E., to Ford Motor Company. Self-crosslinkable electrocoat resins prepared by room temperature reactions of epoxy resins and polyamines containing primary and tertiary amine groups. 4,515,911, 5-7-85, Cl. 523-414.000.

- Swiderski, Paul R.: *See—*
  - Blevins, Theodore J.; and Swiderski, Paul R., 4,494,258, Cl. 5-29.000.
  - Blevins, Theodore J.; and Swiderski, Paul R., 4,509,216, Cl. 5-13.000.
- Swidwa, Kenneth J.; Hornak, Leonard P.; and Kowalski, Edward F., to Westinghouse Electric Corp. Transfer of nuclear reactor component assemblies. 4,511,531, 4-16-85, Cl. 376-262.000.
- Swieboda, Michael A.: *See—*
  - Johnston, George C.; and Swieboda, Michael A., 4,518,642, Cl. 428-172.000.
- Swierczek, Zbignew: *See—*
  - Mueller, Bruce M.; and Swierczek, Zbignew, 4,552,279, Cl. 215-318.000.
- Swift, Allan W., to E. J. Brooks Company. Seal of the padlock type. 4,500,124, 2-19-85, Cl. 292-318.000.
- Swift, Allan W., to E. J. Brooks Company. Security seal and tag holder. 4,506,415, 3-26-85, Cl. 24-16.0PB.
- Swift, Allan W., to E. J. Brooks Company. Security seal. 4,506,921, 3-26-85, Cl. 292-318.000.
- Swift, Allan W.; and Rivara, Sarah B. S., to E. J. Brooks Company. Connection nut seal. 4,544,190, 10-1-85, Cl. 292-307.00B.
- Swift & Company: *See—*
  - Johnson, Gary M.; and Heuberger, Glen L., 4,531,518, Cl. 128-303.100.
- Swift, Graham: *See—*
  - Baus, Richard E.; and Swift, Graham, 4,501,845, Cl. 524-460.000.
  - Hughes, Kathleen A.; and Swift, Graham, 4,547,556, Cl. 526-75.000.
- Swift, Gregory W.; Migliori, Albert; and Wheatley, John C., to United States of America, Energy. Microchannel crossflow fluid heat exchanger and method for its fabrication. 4,516,632, 5-14-85, Cl. 165-167.000.
- Swift, Gregory W.: *See—*
  - Migliori, Albert; and Swift, Gregory W., 4,560,849, Cl. 219-10.510.
  - Wheatley, John C.; Swift, Gregory W.; and Migliori, Albert, 4,538,464, Cl. 73-646.000.
- Swift, Harold E.: *See—*
  - Innes, Robert A.; and Swift, Harold E., 4,545,943, Cl. 260-465.300.
- Swift, Joseph A.: *See—*
  - Franks, William S., Jr.; Randall, John M.; and Swift, Joseph A., 4,553,191, Cl. 361-212.000.
- Swift, Joseph E. Continuous flow fuel injection system. 4,509,486, 4-9-85, Cl. 123-453.000.
- Swift, Peter J.: *See—*
  - Snarey, Michael; Swift, Peter J.; and Witty, Michael J., 4,562,197, Cl. 514-343.000.
- Swift, Stephen: *See—*
  - Money, David K.; Swift, Stephen; MacLaurin, Andrew; and Frost, John G., 4,509,529, Cl. 128-708.000.
- Swift, Stephen D.: *See—*
  - Gifford, Peter E.; and Swift, Stephen D., 4,490,983, Cl. 62-6.000.
- Swift, Steven G.: *See—*
  - McFarlane, Glenton P.; and Swift, Steven G., 4,550,743, Cl. 137-68.100.
- Swiger, Roger T.; and Hallgren, John E., to General Electric Company. Scavengers for one component alkoxy-functional RTV compositions. 4,523,001, 6-11-85, Cl. 528-18.000.
- Swiger, Roger T.: *See—*
  - White, Mary A.; Beers, Melvin D.; Lucas, Gary M.; Smith, Robert A.; and Swiger, Roger T., 4,517,352, Cl. 528-18.000.
- Swihart, Terence J.; and Jones, James E., to Dow Corning Corporation. Polydimethylsiloxanes having improved thermal stability. 4,528,313, 7-9-85, Cl. 524-397.000.
- Swihart, Terence J.: *See—*
  - Blizzard, John D.; and Swihart, Terence J., 4,495,340, Cl. 528-15.000.
  - Blizzard, John D.; and Swihart, Terence J., 4,537,829, Cl. 428-429.000.
- Swimaid, Inc.: *See—*
  - Henson, James H., 4,525,272, Cl. 210-149.000.
- Swincicki, Edmund J. Container for produce, fruits groceries and the like. 4,561,554, 12-31-85, Cl. 220-4.00F.
- Swindler, Dan E., to Texas Instruments Incorporated. Four-way key switch control mechanism. 4,520,240, 5-28-85, Cl. 200-5.00R.
- Swindler, Danny E., to Texas Instruments Incorporated. Electronic printer mechanism with movable printhead assembly. 4,500,217, 2-19-85, Cl. 400-320.000.
- Swinehart, Frank, to E. F. Johnson Company. Adjustable multiturn air dielectric capacitor. 4,550,361, 10-29-85, Cl. 361-295.000.
- Swinehart, Steven L.; and Kuhn, Werner H., to Nisus Video Incorporated. Device for continuously varying the shutter speed of a video tape camera. 4,545,659, 10-8-85, Cl. 352-216.000.
- Swinehart, Steven L., to Nisus Video Incorporated. Shutter for a video tape camera. 4,547,051, 10-15-85, Cl. 352-216.000.
- Swinehart, Steven L.; and Kuhn, Werner H., to Nisus Video Incorporated. Diagonal sweep shutter mechanism for video tape camera. 4,551,763, 11-5-85, Cl. 358-225.000.
- Swiney, Charles E.: *See—*
  - Williams, Dean T.; and Swiney, Charles E., 4,532,407, Cl. 219-125.100.
- Swinfield, Reginald E., to Westland plc. Composite helicopter fuselage. 4,531,695, 7-30-85, Cl. 244-119.000.
- Swing Stage Limited: *See—*
  - Vandelinde, Henry, 4,513,952, Cl. 254-285.000.
- Swingle, James C.: *See—*
  - George, E. Victor; and Swingle, James C., 4,529,943, Cl. 330-4.300.
- Swingley, Harold E., Jr., to Menasha Corporation. Tote box. 4,499,997, 2-19-85, Cl. 206-509.000.
- Swingley, Harold E., Jr., to Menasha Corporation. Precision tote box insert for holding and locating printed circuit boards or the like. 4,527,222, 7-2-85, Cl. 361-415.000.
- Swingley, Harold E., Jr., to Menasha Corporation. Container with sling divider. 4,529,092, 7-16-85, Cl. 206-593.000.
- Swingline, Inc.: *See—*
  - Olesen, Paul; Lensky, Albert; and Pendzich, Richard J., 4,542,844, Cl. 227-7.000.
- Swinkels, Godefridus M.: *See—*
  - Boateng, Daniel A. D.; Ball, Donald L.; and Swinkels, Godefridus M., 4,525,332, Cl. 423-89.000.
- Swint, Ronnie K., to Kansa Corporation. Insert mechanism for flexible multiple sheet tabloid and advertising publications. 4,526,356, 7-2-85, Cl. 270-55.000.
- Swis, Philip E.; and DiFonzo, Anthony E., to Sun Electric Corporation. Diesel engine diagnostic system. 4,518,268, 5-21-85, Cl. 374-144.000.
- Swisher, Gregory M.; and Mathis, Ronald D. Polymer blend composition exhibiting impact resistance. 4,530,968, 7-23-85, Cl. 525-96.000.
- Swisher, James A. Key for a lock of the plunger operated type. 4,492,100, 1-8-85, Cl. 70-34.000.
- Swisher, James A. Plunger operated lock. 4,543,807, 10-1-85, Cl. 70-34.000.
- Swisher, Steven L., to Brunswick Corporation. Drag adjustment click spring assembly. 4,522,347, 6-11-85, Cl. 242-84.50A.
- Swisher, Steven L., to Brunswick Corporation. Anti-reverse mechanism. 4,523,726, 6-18-85, Cl. 242-84.20R.
- Swisher, Steven L.: *See—*
  - Councilman, Richard R.; Swisher, Steven L.; and Carpenter, Robert L., 4,509,705, Cl. 242-84.21R.
- Swiss Aluminium Ltd.: *See—*
  - Bjarnason, Gudmundur; and Eggertsson, Thorsteinn, 4,498,818, Cl. 406-137.000.
  - Bloeck, Siegfried; and Stanek, Oldrich, 4,529,468, Cl. 156-320.000.
  - Bucher, Anton, 4,497,260, Cl. 108-56.100.
  - Haller, Walter, 4,512,386, Cl. 164-467.000.
  - Hershey, Robert E., 4,494,735, Cl. 266-218.000.
  - Jaggi, Ernst, 4,525,105, Cl. 406-50.000.
  - Kesting, Marinus C., 4,521,663, Cl. 219-76.140.
  - Kugler, Tibor, 4,511,398, Cl. 75-63.000.
  - Maly, Zdenek, 4,534,834, Cl. 204-28.000.
  - Mittelmann, Gerhard, 4,497,525, Cl. 312-321.000.
  - Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,492,670, Cl. 419-9.000.
  - Mizrah, Tiberiu; Hoffmann, Matthias; Kaser, Peter; and Heilig, Klemens, 4,544,524, Cl. 419-9.000.
  - Molnar, Sandor, 4,511,449, Cl. 204-243.00R.
  - Paulet, Jean-Francois; and Eisenlohr, Othmar, 4,498,967, Cl. 204-272.000.
  - Rieger, Wolfhart; Gauckler, Ludwig; Kampfer, Konrad; Maurer, Albert; Dellapina, Marco; and Nobbe, Volker, 4,528,099, Cl. 210-489.000.
  - Roggen, Rolf, 4,540,434, Cl. 75-93.00R.
  - Sautebin, Raoul, 4,508,160, Cl. 164-467.000.
  - Scharpey, Wilhelm, 4,548,692, Cl. 204-243.00R.
  - Schwellinger, Pius; Ried, Alois; Timm, Jurgen; and Heckler, Manfred, 4,525,326, Cl. 420-535.000.
  - Vire, Sylvestre; and Gauckler, Ludwig, 4,552,637, Cl. 204-243.00R.
  - Wagner, Alfred; and Ames, Adolf, 4,557,131, Cl. 72-273.000.
  - Wulff, Gunther, 4,539,561, Cl. 340-675.000.
  - Zollinger, Max; and Jemec, Raoul, 4,537,671, Cl. 204-243.00R.
  - Zu'auf, Herbert, 4,545,419, Cl. 164-111.000.
- Swiss-Tex, Incorporated: *See—*
  - Graham, John W., 4,524,484, Cl. 16-115.000.
- Swisstronic (Proprietary) Limited: *See—*
  - Zibung, Rene A., 4,540,232, Cl. 339-198.00G.
- Swithenbank, Colin: *See—*
  - Bayer, Horst O.; Swithenbank, Colin; and Yih, Roy Y., 4,515,988, Cl. 568-586.000.
- Switsen, Henry N. Video tape recorder R.F. signal processor. 4,543,608, 9-24-85, Cl. 358-153.000.
- Switzer, Jay A., to Union Oil Company of California. Heterojunction photovoltaic device. 4,492,811, 1-8-85, Cl. 136-255.000.
- Switzer, Jay A., to Union Oil Company of California. Electrode containing thallium (III) oxide. 4,495,046, 1-22-85, Cl. 204-242.000.
- Switzer, Jay A., to Union Oil Company of California. Highly conductive photoelectrochemical electrodes and uses thereof. 4,521,499, 6-4-85, Cl. 429-111.000.
- Switzer, Robert D. Modular cartridge loading board system. 4,492,051, 1-8-85, Cl. 42-87.000.
- Switzgable, Harold. Thermally broken insulation support structure. 4,548,015, 10-22-85, Cl. 52-729.000.
- Swoboda, Gary L.: *See—*
  - Caudel, Edward R.; Swoboda, Gary L.; Magar, Surendar S.; McDonough, Kevin C.; and Leigh, Antony W., 4,514,801, Cl. 364-200.000.
  - McDonough, Kevin C.; Swoboda, Gary L.; and Magar, Surendar S., 4,514,805, Cl. 364-200.000.

- Swoboda, Johann: *See—*
  - Hambrecht, Juergen; Reffert, Rudi W.; Echte, Adolf; and Swoboda, Johann, 4,496,679, Cl. 524-111.000.
  - Hambrecht, Juergen; Reffert, Rudi W.; Minges, Peter; and Swoboda, Johann, 4,536,567, Cl. 528-486.000.
- Swoboda, Thomas J., to Du Pont de Nemours, E. I., and Company. Phosphorous-doped tin oxide powder. 4,514,322, 4-30-85, Cl. 252-518.000.
- Sword, Anthony J.: *See—*
  - Hill, John W.; and Sword, Anthony J., 4,535,405, Cl. 364-400.000.
- Sword, Edward L., Jr. Web position indicator. 4,493,065, 1-8-85, Cl. 367-96.000.
- Swords, Richard J.: *See—*
  - Parker, Richard L.; Swords, Richard J.; and Griffin, Larry E., 4,553,698, Cl. 239-3.000.
- Swoveland, Jack E., to Dana Corporation. Mounting bracket for a steering column control stalk. 4,513,632, 4-30-85, Cl. 74-484.00R.
- SWS Incorporated: *See—*
  - Nilsen, Carl J., 4,497,995, Cl. 219-121.0LC.
- SWS Silicones Corporation: *See—*
  - Bennington, Lester D.; and McAfee, Richard C., 4,526,955, Cl. 528-33.000.
  - Martin, Eugene R., 4,511,727, Cl. 556-418.000.
  - Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., 4,520,176, Cl. 524-598.000.
  - Martin, Eugene R.; Ansel, David S.; and Manis, Paul A., 4,551,350, Cl. 427-389.900.
  - McAfee, Richard C., 4,558,109, Cl. 528-15.000.
  - Sanders, Albert J., Jr.; and Larson, Michael J., 4,509,981, Cl. 106-3.000.
  - Shen, Ming; and McAfee, Richard C., 4,546,164, Cl. 528-15.000.
  - Streusand, Marie J.; Getson, John C.; and McAfee, Richard C., 4,544,696, Cl. 524-428.000.
- SXD Refractories, Inc.: *See—*
  - Frey, David J.; and Wier, Keith E., 4,531,903, Cl. 425-429.000.
- Sxoma-Energie: *See—*
  - Redele, Jean E. A., 4,519,358, Cl. 123-557.000.
- Sybel, Randall; and Schwarzkopf, Daniel, to Prime Computer, Inc. Serial comparison flag detector. 4,524,345, 6-18-85, Cl. 340-146.200.
- Sybert, Edward M.: *See—*
  - Keggins, Kathleen M.; Davis, Ann C.; Sybert, Edward M.; Mays, Thomas D.; and Milch, Robert A., 4,544,637, Cl. 435-253.000.
  - Milch, Robert A.; Guerry-Kopecko, Patricia; Koeble-Smith, Carol; and Sybert, Edward M., 4,547,226, Cl. 127-41.000.
- Sybert, Joanne R.: *See—*
  - Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., 4,533,692, Cl. 524-417.000.
  - Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., 4,533,693, Cl. 524-417.000.
  - Wolfe, James F.; Sybert, Paul D.; Sybert, Joanne R.; and Wilson, Blake, 4,533,724, Cl. 528-313.000.
- Sybert, Paul D.: *See—*
  - Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., 4,533,692, Cl. 524-417.000.
  - Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., 4,533,693, Cl. 524-417.000.
  - Wolfe, James F.; Sybert, Paul D.; Sybert, Joanne R.; and Wilson, Blake, 4,533,724, Cl. 528-313.000.
- Sybron Chemicals Inc.: *See—*
  - Moran, James C., 4,555,348, Cl. 252-1.000.
- Sybron Corporation: *See—*
  - Kidd, Patrick D.; Sterrett, Terry L.; and Andreiko, Craig A., 4,533,321, Cl. 433-18.000.
  - Kidd, Patrick D.; and Sterrett, Terry L., 4,554,336, Cl. 526-301.000.
  - Maizenberg, Leonid I., 4,536,157, Cl. 433-129.000.
  - Olsen, Robert A., 4,541,802, Cl. 433-126.000.
  - Olsen, Robert A., 4,553,938, Cl. 433-126.000.
  - Pillis, Lewis J.; and Davis, Lois T., 4,556,638, Cl. 435-253.000.
  - Probst, Robert L.; and Groves, William A., 4,557,376, Cl. 206-219.000.
  - Walsh, William J., 4,504,733, Cl. 219-521.000.
- Sychenkov, Vladimir V.: *See—*
  - Kalakutsky, Lev I.; Sychenkov, Vladimir V.; Vlasov, Vladimir B.; and Dubrovsky, Adolf V., deceased, 4,556,849, Cl. 324-464.000.
- Sychev, Anatoly P.; Sannikov, Jury I.; Grinin, Jury A.; Polyakov, Ivan P.; and Abdeev, Jury M., to Vsesojuzny Nauchno-Issledovatelsky Institut Tsvetnoi Metallurgii. Method of processing lead sulphide or lead-zinc sulphide ores, or sulphide concentrates, or mixtures thereof. 4,519,836, 5-28-85, Cl. 75-25.000.
- Sychev, Anatoly P.: *See—*
  - Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav P.; and Toguzov, Mels Z., 4,521,245, Cl. 75-21.000.
- Sycon Corporation: *See—*
  - Kelly, Austin T.; Stolpen, Alan H.; and Emile, Philip, Jr., 4,520,310, Cl. 324-115.000.
- Sydansk, Robert D., to Marathon Oil Company. Process for improving vertical conformance in a near well bore environment. 4,494,606, 1-22-85, Cl. 166-295.000.
- Sydansk, Robert D., to Marathon Oil Company. Process for utilizing a silicate/silica cement in oil field applications. 4,505,751, 3-19-85, Cl. 106-84.000.
- Sydenham, Peter E.: *See—*
  - Molloy, James O.; Sydenham, Peter E.; and Hulejczuk, Roman A., 4,560,007, Cl. 169-54.000.
- Sydlowski, William E.; and Trent, Harold A., to Rule Industries, Inc. Boring bit and method for manufacture thereof. 4,527,449, 7-9-85, Cl. 76-108.00R.
- Sydnor, Richard L., to United States of America, National Aeronautics and Space Administration. Maser cavity servo-tuning system. 4,517,530, 5-14-85, Cl. 331-3.000.
- Syed, Asif A., to General Electric Company. Acoustic impedance measurement. 4,537,630, 8-27-85, Cl. 73-589.000.
- Sygnator, Henry A., to Illinois Tool Works Inc. Method of manufacturing a drill screw. 4,532,663, 8-6-85, Cl. 10-10.00R.
- Sykes, Donald J.; and Gendron, Gary E., to Marpac Industries, Inc. Drum containers. 4,555,023, 11-26-85, Cl. 206-446.000.
- Sykes, Huey P.; and Brainard, Richard H. Current interrupting lightning arrester isolator. 4,503,414, 3-5-85, Cl. 337-31.000.
- Sykes, Philip K., to Blackbourn, Inc. Video cassette carrier. 4,496,048, 1-29-85, Cl. 206-387.000.
- Sykes, Richard B.; and Parker, William L., to E. R. Squibb & Sons, Inc. Antibiotic cepacin. 4,503,218, 3-5-85, Cl. 549-320.000.
- Sykes, Richard B.; Parker, William L.; Cimarusti, Christopher M.; Koster, William H.; and Slusarchyk, William A., to E. R. Squibb & Sons, Inc. Process for preparing a 2-oxo-1-azetidinesulfonic acid salt. 4,529,698, 7-16-85, Cl. 435-121.000.
- Sykes, Robert C.; Connelly, Lawrence J.; and Roe, William J., to Nalco Chemical Company. Selective flocculation of coal. 4,555,329, 11-26-85, Cl. 209-5.000.
- Sykora, James H. Deep water hydrostatic head control. 4,495,999, 1-29-85, Cl. 166-364.000.
- Syler, Rodney R., to Apcom, Inc. Water heater construction with sediment removal means. 4,505,231, 3-19-85, Cl. 122-159.000.
- Sylvan R. Shemitz and Associates, Inc.: *See—*
  - Shemitz, Sylvan R., 4,549,249, Cl. 362-33.000.
- Sylvania Electric Products Inc.: *See—*
  - Hileman, Ronald E., 4,545,061, Cl. 375-119.000.
- Sylven, Hans; Ennerdal, Leif; and Berg, Lars-Eije, to AB Stil-Industri. Arrangement in a loop fitting or locking tongue for retractor-type safety belts. 4,527,313, 7-9-85, Cl. 24-464.000.
- Sylven, Hans C. Inertia sensor in belt reels for vehicle belts. 4,534,521, 8-13-85, Cl. 242-107.40A.
- Sylvernale, Ensi P.: *See—*
  - Levy-Navarro, Bernardo; and Sylvernale, Ensi P., 4,547,764, Cl. 340-347.0DD.
- Sylvester, Gordon C.; and Alexander, George E., to Wehr Corporation. Adjustable slot diffuser. 4,491,062, 1-1-85, Cl. 98-40.160.
- Sylvester, John D., to Amscomatic, Inc. Method of folding T-shirts and folded shirt arrangement resulting therefrom. 4,512,464, 4-23-85, Cl. 206-292.000.
- Sylvester, Mark W.: *See—*
  - Ares, Roland A.; and Sylvester, Mark W., 4,502,292, Cl. 62-238.600.
- Sym-Tek Systems, Inc.: *See—*
  - O'Connor, Bruce, 4,506,213, Cl. 324-73.0AT.
- Symard, Jose: *See—*
  - Fiori, Robert; Seyfried, Philippe; and Symard, Jose, 4,535,666, Cl. 83-795.000.
- Symbex Corporation: *See—*
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- Symbol Technologies, Inc.: *See—*
  - Swartz, Jerome; Barkan, Edward; and Harrison, Shelley A., 4,496,831, Cl. 235-472.000.
- Symborski, Alex P.: *See—*
  - Frailey, Richard C.; and Symborski, Alex P., 4,551,160, Cl. 65-2.000.
- Syme, Duncan C., to Vermont Castings, Inc. Method and apparatus for improved construction of fuel burning heating assemblies. 4,499,889, 2-19-85, Cl. 126-75.000.
- Symietz, Detlef, to USM Corporation. Adhesive containing zinc powder. 4,507,421, 3-26-85, Cl. 524-425.000.
- Symmons, George R.: *See—*
  - Hashmi, Mohammed S. J.; and Symmons, George R., 4,549,421, Cl. 72-41.000.
- Symons Corporation: *See—*
  - Connors, Frank T., 4,553,729, Cl. 249-40.000.
- Symons, Edward A.; Rolston, John H.; Clermont, Michel J.; and Paterson, Linda M., to Atomic Energy of Canada Limited. Process for the exchange of hydrogen isotopes between streams of liquid water and gaseous halohydrocarbon and an apparatus therefor. 4,514,377, 4-30-85, Cl. 423-648.00A.
- Symons, Robert S., to Varian Associates, Inc. Linear beam tube with reflected electron trap. 4,506,190, 3-19-85, Cl. 315-5.350.
- Symons, Robert S.: *See—*
  - Evans, Steven J.; and Symons, Robert S., 4,531,103, Cl. 331-83.000.
- Syn-Energy, Inc.: *See—*
  - Spurlin, William V., 4,530,431, Cl. 198-534.000.
- Synectics, Inc.: *See—*
  - Sarbacher, Robert I.; and Fechter, Harry R., 4,491,624, Cl. 429-27.000.
- Synek, Ervin H.; and Volejnicek, David. Table with a mechanism for automatically varying the size of the tabletop. 4,494,466, 1-22-85, Cl. 108-85.000.
- Synektron Corporation: *See—*
  - Blom, Hans A., 4,540,906, Cl. 310-67.00R.
- Synfina, S.A.: *See—*
  - Louvier, Yvon, 4,504,436, Cl. 264-321.000.
- Syntex Corporation: *See—*
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- Syntex, Inc.: *See—*
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- Syntex Pharmaceuticals International Limited: *See—*
  - Schloemer, George C., 4,542,237, Cl. 562-466.000.
  - Tsuchihashi, Gen-Ichi; Mitamura, Shuichi; and Kitajima, Koji, 4,539,420, Cl. 560-056.000.
- Syntex (U.S.A.) Inc.: *See—*
  - Abubakari, Allassan; and Holstein, Alfred H., 4,532,318, Cl. 528-483.000.
  - Armenta, Richard, 4,560,648, Cl. 435-7.000.
  - Briggs, Jonathan, 4,560,881, Cl. 250-458.100.
  - Broadhead, James H., 4,492,407, Cl. 297-78.000.
  - Broadhead, James H.; Wilbur, Lawrence A.; and Sams, Ivan F., 4,541,671, Cl. 297-330.000.
  - Broadhead, James H., 4,551,973, Cl. 60-477.000.
  - Clark, Robin D., 4,542,027, Cl. 514-459.000.
  - Eppstein, Deborah A.; Fraser-Smith, Elizabeth B.; and Matthews, Thomas R., 4,522,811, Cl. 514-2.000.
  - Gallop, Paul M.; and Korb, Donald R., 4,543,371, Cl. 523-106.000.
  - Gould, Dennis R.; and Zuk, Robert F., 4,552,839, Cl. 435-7.000.
  - Hu, Mae W.; and Singh, Prithipal, 4,496,479, Cl. 260-112.00R.
  - Jones, Gordon H.; Venuti, Michael C.; Alvarez, Robert; and Bruno, John J., 4,551,459, Cl. 514-267.000.
  - Khanna, Pyare L.; and Colvin, Floyd W., 4,518,701, Cl. 436-500.000.
  - Kluge, Arthur F.; Strosberg, Arthur M.; Whiting, Roger L.; and Christie, George A., 4,497,818, Cl. 514-397.000.
  - Kluge, Arthur F.; and Clark, Robin D., 4,499,100, Cl. 514-321.000.
  - Kluge, Arthur F.; Clark, Robin D.; and Strosberg, Arthur M., 4,558,129, Cl. 544-377.000.
  - Li, Tsung-Tee; and Marx, Michael, 4,552,898, Cl. 514-561.000.
  - Liu, Yen-Ping; Ullman, Edwin F.; and Becker, Martin J., 4,550,017, Cl. 424-11.000.
  - Muchowski, Joseph M.; and Guzman, Angel, 4,496,577, Cl. 514-392.000.
  - Muchowski, Joseph M.; and Greenhouse, Robert, 4,505,927, Cl. 514-413.000.
  - Muchowski, Joseph M.; and Guzman, Angel, 4,532,138, Cl. 514-369.000.
  - Muchowski, Joseph M.; Greenhouse, Robert; Ackrell, Jack; Li, Tsung-Tee; and Pfister, Jurg R., 4,548,949, Cl. 514-422.000.
  - Muchowski, Joseph M.; and Ackrell, Jack, 4,548,951, Cl. 514-522.000.
  - Muchowski, Joseph M.; and Unger, Stefan H., 4,560,699, Cl. 514-413.000.
  - Nash, John E., 4,527,977, Cl. 433-120.000.
  - Nelson, Peter H., 4,497,827, Cl. 514-381.000.
  - Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., 4,512,990, Cl. 514-225.000.
  - Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., 4,536,503, Cl. 514-255.000.
  - Nestor, John J.; and Vickery, Brian H., 4,530,920, Cl. 514-15.000.
  - Nestor, John J., Jr.; Moffatt, John G.; and Chan, Hardy W., 4,493,795, Cl. 260-112.50E.
  - Patterson, John W., Jr.; and Pfister, Jurg R., 4,515,727, Cl. 260-413.000.
  - Pirio, Marcel R.; and Singh, Prithipal, 4,551,275, Cl. 260-239.00D.
  - Verheyden, Julien P. H.; and Martin, John C., 4,507,305, Cl. 514-262.000.
  - Verheyden, Julien P. H.; and Martin, John C., 4,556,659, Cl. 514-262.000.
  - Vickery, Brian H., 4,553,972, Cl. 604-892.000.
  - Walker, Keith A. M., 4,518,607, Cl. 514-399.000.
  - Walker, Keith A. M., 4,522,948, Cl. 514-396.000.
  - Waterbury, L. David, 4,558,066, Cl. 514-422.000.
- Synthelabo: *See—*
  - Bertin, Jean; and Frost, Jonathan R., 4,503,058, Cl. 514-214.000.
  - Bigg, Dennis; and Menin, Jacques, 4,559,356, Cl. 514-401.000.
  - Caillot, Luc; and Chopin, Claude, 4,537,190, Cl. 128-204.220.
  - Cavero, Icilio; and Langer, Salomon, 4,520,030, Cl. 514-629.000.
  - Kaplan, Jean-Pierre; George, Pascal; and Bernardon, Jean-Michel, 4,492,695, Cl. 424-246.000.
  - Kaplan, Jean-Pierre; and George, Pascal, 4,501,745, Cl. 514-222.000.
  - Kaplan, Jean-Pierre, 4,521,619, Cl. 514-315.000.
  - Kaplan, Jean-Pierre, 4,558,062, Cl. 514-400.000.
  - Obitz, Daniel, 4,530,843, Cl. 514-416.000.
  - Porges, Etienne, 4,559,053, Cl. 604-408.000.
  - Purcell, Thomas A., 4,492,709, Cl. 424-273.00R.
  - Schneider, Roland; Warolin, Christian; and Bigg, Dennis, 4,529,730, Cl. 514-319.000.
  - Wick, Alexander E.; and Binet, Jean, 4,515,814, Cl. 514-652.000.
- Synthes AG: *See—*
  - Klaue, Kaj, 4,513,744, Cl. 128-92.00D.
- Synthes Ltd. (U.S.A.): *See—*
  - Klaue, Kaj, 4,493,317, Cl. 128-92.00D.
- Synthese et Creation: *See—*
  - Thomas, Jacques; and Raval, Claude, 4,542,825, Cl. 206-363.000.
- Synthesis Engineering Ltd.: *See—*
  - Corma, Avelino C.; Mifsud, Amparo C.; and Perez, Joaquin P., 4,542,002, Cl. 423-331.000.
- Synthetic Breakwater: *See—*
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- SyQuest Technology: *See—*
  - Nigam, Anil, 4,503,474, Cl. 360-133.000.
  - Toldi, George; Nigam, Anil; and Crain, Ronald A., 4,504,879, Cl. 360-105.000.
- Syra Company: *See—*
  - Khanna, Pyare; Snyder, Evan S.; and Singh, Prithipal, 4,544,765, Cl. 560-29.000.
- Syracuse University: *See—*
  - Heise, Michael S.; Tucker, Christopher S.; and Schwarz, James A., 4,522,941, Cl. 502-333.000.
  - Schwarz, James A.; and Pasco, Robert W., 4,525,734, Cl. 357-67.000.
- Syrbius, Gerhard: *See—*
  - Koch, Klaus; and Syrbius, Gerhard, 4,503,764, Cl. 100-117.000.
  - Koch, Klaus; Schaeffer, Hans-Joachim; and Syrbius, Gerhard, 4,509,419, Cl. 100-117.000.
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- Syrier, Johannes L. M.: *See—*
  - van Helden, Robert; Baardman, Frank; and Syrier, Johannes L. M., 4,533,379, Cl. 71-88.000.
- Syrinek, Allen R.: *See—*
  - Giddings, David M.; Ries, Donald G.; and Syrinek, Allen R., 4,502,964, Cl. 252-8.50C.
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  - Markowitz, Harold T.; Rueter, John C.; and Syring, Gary J., 4,503,858, Cl. 128-419.0PT.
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  - Salmela, Jouko J.; Hietanen, Jukka; and Syrjanen, Timo, 4,494,480, Cl. 118-411.000.
- Syrop, Alan N.: *See—*
  - Temple, Stephen; Jones, Nigel J.; and Syrop, Alan N., 4,550,472, Cl. 17-1.00R.
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  - Kostylev, Alexandr D.; Syryamin, Jury N.; Smolyanitsky, Boris N.; Boginsky, Vladimir P.; and Terskov, Alexei D., 4,516,662, Cl. 173-53.000.
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  - Zelinka, Richard J.; Sutherland, George K.; and Thielen, Thomas J., 4,540,877, Cl. 219-497.000.
- Syscon Corporation: *See—*
  - deButts, Harry A., II, 4,544,124, Cl. 248-552.000.
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  - Broadhurst, John H.; and Bacaner, Marvin B., 4,558,223, Cl. 250-374.000.
- System Communications, Inc.: *See—*
  - Shimizu, Kimiaki, 4,519,911, Cl. 210-478.000.
- System Development Corporation: *See—*
  - Dickinson, Robert V.; and Galie, Louis M., 4,495,566, Cl. 364-200.000.
- System-Finanz Anlagenberatungsgesellschaft m.b.H.: *See—*
  - Bajtala, Ladislav; and Puskin, Pavel (said Ladislav Bajtala assors. to), 4,556,154, Cl. 221-147.000.
- System Homes Company Ltd.: *See—*
  - Yoshino, Hozo, 4,507,936, Cl. 62-235.100.
- System Industries, Inc.: *See—*
  - Kyser, Edmond L.; Mitchell, Charles S.; and Sears, Stephan B., 4,506,276, Cl. 346-140.00R.
- Systemkiki Co., Ltd.: *See—*
  - Kato, Takaaki; Kato, Takeshi; and Yoshizawa, Yoshikazu, 4,497,037, Cl. 364-900.000.
- Systems Engineering & Manufacturing Corp.: *See—*
  - Fishman, Herbert; and Rogers, Alvin J., 4,539,069, Cl. 156-640.000.
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  - Smith, John W., 4,530,232, Cl. 72-447.000.
- Systems and Methods, Inc.: *See—*
  - Shonka, Leonard G., 4,505,046, Cl. 33-184.500.
- Systems Research Laboratories, Inc.: *See—*
  - Ballard, Paul T.; and Little, Gordon R., 4,515,478, Cl. 356-345.000.
- Systems and Support, Incorporated: *See—*
  - Jahr, Ronald S.; and Cowell, Thomas H., 4,504,831, Cl. 340-870.030.
- Systron Donner Corp.: *See—*
  - Flanner, Philip D.; Morris, Harold D.; and Newell, Gerald R., 4,538,203, Cl. 361-159.000.

- Sytek, Incorporated: *See—*
  - Biba, Kenneth J.; and Picazo, Jose J., Jr., 4,521,891, Cl. 375-8.000.
- Sytykh, Stanislav P.: *See—*
  - Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.
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  - Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; Toya, Ichizo; and Syuto, Sadanobu, 4,510,235, Cl. 430-574.000.
- Syva Company: *See—*
  - Gibbons, Ian; Rowley, Gerald L.; and Ullman, Edwin F., 4,501,692, Cl. 260-112.00B.
  - Khanna, Pyare, 4,504,413, Cl. 260-112.00R.
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  - Yoshida, Robert A., 4,508,892, Cl. 536-51.000.
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  - Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.
- Szablak, Michael J.; and Tomblin, Glen E., to Rubbermaid Commercial Products Inc. Rotary needle and syringe destructor. 4,531,437, 7-30-85, Cl. 83-165.000.
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  - Luhmann, Erhard; Hoppe, Lutz; Szablikowski, Klaus; and Lampert, Friedrich-Karl, 4,517,324, Cl. 524-27.000.
- Szabo, Andras I.: *See—*
  - Hwang, Eddie Y.; Szabo, Andras I.; and Shung, Wu-Shi, 4,554,788, Cl. 60-646.000.
- Szabo, Bela: *See—*
  - Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.
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- Szabo, Emilie: *See—*
  - Svoboda, Josef; and Szabo, Emilie, 4,500,107, Cl. 280-605.000.
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- Szabo, Georges: *See—*
  - Bourgogne, Michel; Guth, Jean-Louis; Szabo, Georges; and Wey, Raymond, 4,496,528, Cl. 423-328.000.
- Szabo, Josef: *See—*
  - Zverina, Karel; Tluchor, Denek; Szabo, Josef; Polidor, Jaromir; and Kroupa, Petr, 4,531,043, Cl. 219-121.0PP.
- Szabo, Lajos: *See—*
  - Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Zajer nee Balazs, Maria; Kiss, Bela; Ezer, Elemer; Karpati, Egon; and Szporny, Laszlo, 4,549,020, Cl. 546-51.000.
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- Szabo, Laszlo. Portable lawn and garden sprinkler system. 4,519,544, 5-28-85, Cl. 239-279.000.
- Szabo, Laszlo; and Schunemann, Klaus, to International Standard Electric Corporation. Diode oscillator with independently variable frequency and power. 4,538,122, 8-27-85, Cl. 331-96.000.
- Szabo, Laszlo, to International Standard Electric Corporation. Transmitter-receiver module. 4,541,120, 9-10-85, Cl. 455-86.000.
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  - Schlienkamp, Hubert, 4,519,962, Cl. 264-40.700.
- Szabo nee Mogyorosi, Katalin: *See—*
  - Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.
- Szabo, Robert J.: *See—*
  - Ayers, Ralph L.; Stovin, Garfield W.; and Szabo, Robert J., 4,549,378, Cl. 52-169.120.
- Szabo, Sandor P.: *See—*
  - Joo, Istvan; Schutz, Lajos; Sarosi, Jozsef; Szabo, Sandor P.; Taal, Janos; and Szebenyi, Otto , 4,543,635, Cl. 364-474.000.
- Szabo, Steve B.: *See—*
  - Wells, Calvin G.; and Szabo, Steve B., 4,492,019, Cl. 29-447.000.
  - Wells, Calvin G.; and Szabo, Steve B., 4,498,709, Cl. 301-5.0VH.
- Szabo, Suzanne: *See—*
  - Molnar, Francois; Szabo, Suzanne; Statkov, Peter R.; Armijo, Manuel; Sunkel, Carlos; and Cillero, Fernando, 4,532,249, Cl. 514-324.000.
- Szabo, Tibor: *See—*
  - Wiedenhofer, Heinrich; and Szabo, Tibor, 4,559,001, Cl. 425-114.000.
- Szabo, Zsolt, to Labor Muszeripari Muvek. Bistable valve. 4,544,127, 10-1-85, Cl. 251-9.000.
- Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, to Egyt Gyogyszervegyeszeti Gyar. Process for the preparation of 5-(2-bromovinyl)-uridine. 4,544,740, 10-1-85, Cl. 536-23.000.
- Szabolcs, Otto, to Isovolta Osterreichische Isolierstoffwerke Aktiengesellschaft. Condensation process. 4,503,266, 3-5-85, Cl. 568-719.000.
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  - Ackley, Mark W.; and Szafranski, Brian D., 4,543,112, Cl. 55-316.000.
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- Szajani, Bela; Kiss, Janosne; Ivony, Jozsefne; Huber, Iren; Boros, Laszlo; and Daroczi, Ivan, to Reanal Finomvegyszergyar. Method for isolation of aminoacylase. 4,532,214, 7-30-85, Cl. 435-228.000.
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- Szajna, John L., to Continental Plastic Containers, Inc. Bulge resistant bottle bottom. 4,502,607, 3-5-85, Cl. 220-70.000.
- Szakasits, Julius J.; and Robinson, Robert E., to Shell Oil Company. Reformer process analyzer. 4,534,207, 8-13-85, Cl. 73-23.100.
- Szala, Lawrence E.: *See—*
  - Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,512,946, Cl. 264-332.000.
  - Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,515,746, Cl. 264-332.000.
  - Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,539,141, Cl. 252-516.000.
  - Brun, Milivoj K.; Lee, Minyoung; and Szala, Lawrence E., 4,539,299, Cl. 501-96.000.
  - Lee, Minyoung; Reed, William R., Jr.; and Szala, Lawrence E., 4,539,875, Cl. 82-1.00C.
- Szalanski, Scott E., to Rexnord Inc. Convertible vertical shaft impact crusher. 4,560,113, 12-24-85, Cl. 241-275.000.
- Szalvay, Laszlo: *See—*
  - Kruger, Franz J.; and Szalvay, Laszlo, 4,559,283, Cl. 429-174.000.
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- Szantho, Charles F.; and Riordan, Edward D., to Joyal Products, Inc. Fusing machine. 4,504,724, 3-12-85, Cl. 219-86.250.
- Szantho, Charles F.; and Riordan, Edward D., to Joyal Products, Inc. Fusing machine. 4,510,370, 4-9-85, Cl. 219-86.250.
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  - Langner, Carl; Poran, Michael; and Szarka, Geza, 4,518,074, Cl. 198-425.000.
- Szarka, Jay R. Environmental control system and method. 4,514,729, 4-30-85, Cl. 340-825.060.
- Szayer, Geza J.: *See—*
  - Finch, Harry E.; and Szayer, Geza J., 4,546,590, Cl. 52-520.000.
- Szcupak, Peter, to Chicago Rawhide Manufacturing Company. Multi-function fluid seal for dampers and the like. 4,508,020, 4-2-85, Cl. 92-168.000.
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- Szczepanek, Thaddeus J., to Universal Tool Company, Inc. Handcuff lock construction. 4,509,346, 4-9-85, Cl. 70-16.000.
- Szczepanski, Henry, to Ciba-Geigy Corporation. Oxime derivatives for protecting plant crops. 4,497,648, 2-5-85, Cl. 71-88.000.
- Szczepanski, Henry, to Ciba-Geigy Corporation. N-(cyclopropyl-triazinyl-n'-(arylsulfonyl) ureas having herbicidal activity. 4,515,626, 5-7-85, Cl. 71-93.000.
- Szczepanski, Henry, to Ciba-Geigy Corporation. Herbicidal ethynyl-phenylureas. 4,519,834, 5-28-85, Cl. 71-100.000.
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- Szczepanski, Henry, to Ciba-Geigy Corporation. Oxime derivatives for protecting plant crops. 4,532,732, 8-6-85, Cl. 47-57.600.
- Szczepanski, Henry: *See—*
  - Brunner, Hans-Georg; Schurter, Rolf; and Szczepanski, Henry, 4,508,560, Cl. 71-94.000.
- Szczesny, Adolf; Kleinert, Reiner; Jedo, Antoni; and Gutorski, Zygmunt, to Centrum Mechanizacji Gornictwa "Komag" . Dehydrating centrifugal sieve. 4,514,300, 4-30-85, Cl. 210-342.000.
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  - Dabrowski, Roman; Dziaduszek, Jerzy; Szczucinski, Tomasz; Stolarz, Zofia; Zielinski, Jerzy; and Kenig, Krystyna, 4,528,116, Cl. 252-299.630.
- Szczupak, David T.; Walsham, Brian E.; Hooley, Desmond J.; Flaxington, David; McKean, Peter S.; and Wescott, John D., to Holset Engineering Company Limited. Turbocharger having a variable inlet area turbine. 4,499,732, 2-19-85, Cl. 60-602.000.

Szczupak, David T., to Helset Engineering Company Limited. Variable inlet area turbine. 4,557,665, 12-10-85, Cl. 415-158.000.
Szczypiorski, Wojtek: *See*—
  Platek, Stanley W.; Desautels, S. Jerry; and Szczypiorski, Wojtek, 4,545,423, Cl. 164-481.000.
Sze, Morgan C.; Bennett, Thomas M.; Simone, Andre A.; Ogren, Dennis F.; Nakaniwa, Mikio; and Furukawa, Kenji, to Lummus Crest, Inc.; and Maruzen Petrochemical Co., Ltd. Coke production. 4,547,284, 10-15-85, Cl. 208-50.000.
Szebenyi, Otto : *See*—
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Szeberenyi, Szabolcs: *See*—
  Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,504,481, Cl. 514-255.000.
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Szejtli, Jozsef; Stadler nee Szoke, Agnes; Vikmon nee Kiraly, Maria; Korbonits, Dezso; Virag, Sandor; Turcsan, Istvan; and Kiss, Pal, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Process for the preparation of an inclusion complex of N-1-phenylethyl)-3,3-diphenylpropylamine and the hydrochloride thereof respectively with cyclodextrin. 4,518,588, 5-21-85, Cl. 514-58.000.
Szejtli, Jozsef; Budai, Zsuzsanna; Radvany nee Hegedus, Erzsebet; Papp, Laszlo; Kormoczy, Gyorgy; and Pap nee Imrenyi, Gabriella, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Cyclodextrin inclusion complex of piperonyl butoxide. 4,524,068, 6-18-85, Cl. 514-58.000.
Szejtli, Jozsef; and Tardy nee Lengyel, Marta, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Honey powder preserving its natural aroma components. 4,529,608, 7-16-85, Cl. 426-96.000.
Szejtli, Jozsef; Fenyvesi, Eva; Zsadon, Bela; Szilasi, Maria; and Decsei, Lajos, to Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Water soluble cyclodextrin polymers substituted by ionic groups and process for the preparation thereof. 4,535,152, 8-13-85, Cl. 536-103.000.
Szejtli, Jozsef; Liptak, Andras; Nanasi, Pal; Fugedi, Peter; Jodal, Ildiko; Kandra, Lili; and Janossy, Lorant, to Consortium fur Elektrochemische Industrie GmbH. Process for the manufacture of heptakis-[2,6-di-O-methyl]-beta-cyclodextrin. 4,542,211, 9-17-85, Cl. 536-103.000.
Szejtli, Jozsef: *See*—
  Fenyvesi, Eva; Szejtli, Jozsef; Zsadon, Bela; Antal, Balazs; and Wagner nee Kohary, Ildiko , 4,547,572, Cl. 536-103.000.
  Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.
Szekely, Eva; and Szekely, Roza, to Magyar Szenhidrogenipari Kutato-Fejleszto Intezet. Fire-fighting powders. 4,560,485, 12-24-85, Cl. 252-7.000.
Szekely, Paul: *See*—
  Hesford, Frank W.; Lampe, Jerome L.; and Szekely, Paul, 4,506,144, Cl. 219-497.000.
Szekely, Roza: *See*—
  Szekely, Eva; and Szekely, Roza, 4,560,485, Cl. 252-7.000.
Szekely, Tamas; Csanda, Ferenc; Nagy, Gabor; and Czerny, Gyozo, to Magyar Tudomanyos Akademia Termeszettudomanyi Kutato Laboratorium; and Foldmero es Talajvizsgalo Vallalat. Process for stabilizing aqueous solutions used in the preparation of hydrophilic polymeric gels. 4,492,494, 1-8-85, Cl. 405-264.000.
Szekeres, Gabor L.: *See*—
  Klein, Howard J.; and Szekeres, Gabor L., 4,511,052, Cl. 215-230.000.
Szekeres, Laszlo: *See*—
  Rakoczi, Jozsef; Berenyi nee Poldermann, Edit; Fekete, Bela; Szekeres, Laszlo; Papp, Gyula; and Keszthelyi nee Udvary, Eva, 4,530,923, Cl. 514-183.000.
Szelagowski, Peter; and Motzkau, Siegfried, to Kernforschungszentrum Karlsruhe GmbH. Apparatus for the coating of workpieces by flame spraying. 4,516,521, 5-14-85, Cl. 118-50.000.
Szelenyi, Istvan: *See*—
  Schickaneder, Helmut; Morsdorf, Peter; Postius, Stefan; Szelenyi, Istvan; Herter, Rolf; Hansen, Herbert; and Ahrens, Kurt H., 4,559,344, Cl. 514-269.000.
Szell, Andras: *See*—
  Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.
Szemeredi, Robert S.; Tarnay, Matthew G.; and Lee, Kenneth, to Price Pfister, Inc. Washer and nut combination for locking plumbing fixtures to a sink deck or the like. 4,502,165, 3-5-85, Cl. 4-192.000.
Szemzo, Attila: *See*—
  Szabolcs nee Borbas, Anna; Otvos, Laszlo ; Sagi, Janos; Szemzo, Attila; Peredy nee Kajtar, Maria; Horvath, Istvan; Koczka, Istvan; Rethati, Csilla; Ivan, Pal; Fritzsche nee Lukacs, Ildiko ; and Nagy, Janos, 4,544,740, Cl. 536-23.000.
Szenbanyak, Mecseki: *See*—
  Gergo, Gyorgy; Nemeth, Jozsef; Sebestyen, Bela; and Vida, Zoltan, 4,558,748, Cl. 175-57.000.
Szendrei, Kalman; Minker, Emil; Rozsa, Zsuzsanna; Koch, Lehel; and Wolf, Lajos, to Kozponti Valto-es Hitelbank Rt. InnovacioAlap. Biologically active polysaccharide concentrates and process for production of preparates containing such substances. 4,511,559, 4-16-85, Cl. 514-54.000.
Szenger, Franz, to Carl-Zeiss-Stiftung. Guide means for rolling elements of a ball-race device. 4,497,522, 2-5-85, Cl. 308-6.00C.
Szenger, Franz, to Carl-Zeiss-Stiftung, Heidenheim/Brenz. Plain bearing. 4,515,415, 5-7-85, Cl. 308-6.00R.
Szenger, Franz: *See*—
  Herzog, Klaus; and Szenger, Franz, 4,509,871, Cl. 384-502.000.
  Herzog, Klaus; Szenger, Franz; and Gentner, Gabriele, 4,520,700, Cl. 82-31.000.
  Werner, Walter; Herzog, Klaus; and Szenger, Franz, 4,523,382, Cl. 33-169.00R.
Szentmiklosi, Peter: *See*—
  Meszaros, Zoltan; Knoll, Jozsef; Szentmiklosi, Peter; Hermecz, Istvan; Horvath, Agnes; Virag, Sandor; Vasvari, Lelle; and David, Agoston, 4,495,189, Cl. 514-258.000.
Szepesi, Tamas S., to National Semiconductor Corporation. Regulated switched power circuit with resonant load. 4,535,399, 8-13-85, Cl. 363-41.000.
Szepesvary nee Toth, Klara: *See*—
  Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, 4,531,007, Cl. 549-351.000.
Szerdahelyi, Lajos: *See*—
  Muranyi, Istvan; Balazs, Laszlone; Molnar, Jozsef; Burda, Ferencne; Metzler, Maria; and Szerdahelyi, Lajos, 4,533,638, Cl. 435-288.000.
Szerenyi, Peter; and Ringleib, Colin J., to PepsiCo Inc. Carbonation measuring system and process. 4,517,135, 5-14-85, Cl. 261-104.000.
Szeto, Whalun: *See*—
  Schlienger, Max P.; and Szeto, Whalun, 4,510,368, Cl. 219-69.00M.
Szigeti, Peter R.: *See*—
  Hanstein, Friedrich; and Szigeti, Peter R., 4,490,948, Cl. 51-358.000.
Szijjarto, Emilia; and Raskai, Magda, to Human Oltoanyagtermelo es Kutato Intezet. Composition for the treatment of epithelial injuries and process for the preparation thereof. 4,503,037, 3-5-85, Cl. 424-94.000.
Sziklavaris, Istvan: *See*—
  Toth, Lajos; Tolnay, Lajos; Kiss, Laszlo ; Sziklavaris, Istvan; Aranyosi, Miklos; Zsiros, Laszlo ; Kiss, Ferenc; and Kiss, Lajos, 4,545,815, Cl. 75-49.000.
Szikora, Bela: *See*—
  Boday, Otto ; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, 4,509,434, Cl. 110-238.000.
Szilagyi, Geza: *See*—
  Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.
Szilagyi, Ildiko: *See*—
  Simonidesz, Vilmos; Ivanics, Jozsef; Galambos, Geza; Papp nee Behr, Agnes; Kovacs, Gabor; Skopal, Judit; and Szilagyi, Ildiko, 4,520,018, Cl. 514-469.000.
Szilasi, Maria: *See*—
  Szejtli, Jozsef; Fenyvesi, Eva; Zsadon, Bela; Szilasi, Maria; and Decsei, Lajos, 4,535,152, Cl. 536-103.000.
Szippl, Andrew F.: *See*—
  Unnewehr, Lewis E.; Walker, Robert B.; and Szippl, Andrew F., 4,496,897, Cl. 322-25.000.
Szirmai, Endre: *See*—
  Boday, Otto ; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, 4,509,434, Cl. 110-238.000.
Szirmay, Leslie. Gaseous separation apparatus and process. 4,529,415, 7-16-85, Cl. 55-62.000.
Szkaradek, Edward J., to Morehouse Industries, Inc. Sand mill rotor discs. 4,513,917, 4-30-85, Cl. 241-46.110.
Szklarczyk, Marek: *See*—
  Bockris, John O.; Szklarczyk, Marek; and Contractor, Aliasgar Q., 4,501,804, Cl. 429-111.000.
Szlaga, Emil, to Stant Inc. In-line fuel reservoir. 4,543,938, 10-1-85, Cl. 123-514.000.
Szlam, Aleksander; and Quinn, Chester P., to Melita Electronic Labs, Inc. Detecting signals within a passband on a telephone line. 4,540,855, 9-10-85, Cl. 179-84.00R.
Szmadzinski, John A.: *See*—
  Wiersema, Delbert; and Szmadzinski, John A., 4,550,893, Cl. 248-222.400.
Szmuilowicz, Yehuda I.: *See*—
  Ray, Valton O.; Roeland, Robert H.; Potter, Carl H.; and Szmuilowicz, Yehuda I., 4,492,557, Cl. 425-72.00S.
Szmuszkovicz, Jacob, to Upjohn Company, The. 2-(phenylmethylene)-cycloalkylamines and -azetidines. 4,540,690, 9-10-85, Cl. 514-210.000.
Szodfridt, Imre, to Dr. Ing. h.c.F. Porsche AG. Gear-type change-speed transmission for motor vehicles. 4,558,607, 12-17-85, Cl. 74-339.000.
Szofran, Frank R.: *See*—
  Lehoczky, Sandor L.; and Szofran, Frank R., 4,545,848, Cl. 156-616.00R.
Szoke, Abraham; and Prosnitz, Donald, to United States of America, Energy. Multifrequency, single pass free electron laser. 4,500,843, 2-19-85, Cl. 330-4.300.
Szoke, Abraham: *See*—
  Prosnitz, Donald; and Szoke, Abraham, 4,506,229, Cl. 330-4.300.
  Schlitt, Leland G.; and Szoke, Abraham, 4,511,850, Cl. 330-4.300.

Szoke, Attila: *See—*
Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.

Szoke, Balazs: *See—*
Antoni, Ferenc; Erchegyi, Judit; Horvath, Aniko; Keri, Gyorgi; Mezo, Imre; Nikolics, Karoly; Seprodi, Janos; Szell, Andras; Szoke, Balazs; and Teplan, Istvan, 4,552,864, Cl. 514-15.000.

Szolgyen, Csaba: *See—*
Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.

Szonn, Bodo; Schafer, Karl; and Malskeit, Alfred, to Beiersdorf Aktiengesellschaft. Elastic diaper-pants fastening. 4,522,853, 6-11-85, Cl. 428-40.000.

Szonnell, Henry H. Beach erosion prevention jetty configuration. 4,498,806, 2-12-85, Cl. 405-34.000.

Szonntagh, Eugene L.: *See—*
Castleman, Bruce W.; McQuire, David P.; and Szonntagh, Eugene L., 4,534,777, Cl. 55-181.000.

Szopko, Mihaly: *See—*
Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.

Szorc, Piotr: *See—*
Stanley, Philip E.; and Szorc, Piotr, 4,524,416, Cl. 364-200.000.

Szostak, Jan; Schaeflern, Henry; and Marsh, Walter H. W., to Singer Company, The. Low torque pattern selecting mechanism for a sewing machine. 4,497,267, 2-5-85, Cl. 112-158.00A.

Szostak, Jan; and Schaeflern, Henry, to Singer Company, The. Arrangement for suppressing noise and preventing faulty stitch formation in a sewing machine. 4,530,298, 7-23-85, Cl. 112-315.000.

Szostak, Jan; and Fennesz, Frank, Jr., to Singer Company, The. Stabilizing arrangement for a sewing machine cam post. 4,535,710, 8-20-85, Cl. 112-459.000.

Szostak, Tadeusz, to Thomas & Betts Corporation. Method and apparatus for cleaving optical fibers. 4,552,290, 11-12-85, Cl. 225-2.000.

Szostak, Tadeusz: *See—*
Garner, Peter; Stancati, Nicholas T.; and Szostak, Tadeusz, 4,503,744, Cl. 83-879.000.

Szporny, Laszlo: *See—*
Machovich, Raymund; Nagy, Miklos; Gyorgyi nee Edelenyi, Judit; Horvath, Istvan; Low, Miklos; Csomor, Katalin; Karpati, Egon; Szporny, Laszlo; and Kisfaludy, Lajos, 4,530,964, Cl. 525-61.000.
Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Zajer nee Balazs, Maria; Kiss, Bela; Ezer, Elemer; Karpati, Egon; and Szporny, Laszlo, 4,549,020, Cl. 546-51.000.
Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,504,481, Cl. 514-255.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,510,338, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,551,465, Cl. 514-317.000.

Sztuka, Stanley. Height measurement gage for multifocal lenses. 4,505,043, 3-19-85, Cl. 33-174.00A.

Szu, Harold H. Synergistic quasi-free electron laser. 4,538,275, 8-27-85, Cl. 372-4.000.

Szu, Harold H.: *See—*
Blodgett, Jerry A.; Szu, Harold H.; Giles, C. Lee; and Athale, Ravindra, 4,505,544, Cl. 350-162.130.

Szucs, Laszlo; and Tasnadi, Csaba, to Energiagazdalkodasi Intezet. Heat engineering apparatus for carrying out thermodynamical processes comprising a pair of mutually opposite phase transitions of a work medium. 4,497,689, 2-5-85, Cl. 202-174.000.

Szucs, Robert J.; and McNicholas, Sandra M., to Ingersoll Products Corp. Fluted coulter blade. 4,538,688, 9-3-85, Cl. 172-555.000.

Szuminski, Gary F.; Nightingale, Douglas J.; and Tape, Robert F., to Rolls-Royce Inc. Turbomachine ejector nozzle and thrust reverser. 4,502,638, 3-5-85, Cl. 239-265.290.

Szuminski, Gary F.; and Nightingale, Douglas J., to Rolls-Royce Inc. Turbomachine ejector nozzle. 4,502,639, 3-5-85, Cl. 239-265.310.

Szuminski, Gary F.; and Jones, Thomas J., to Rolls-Royce Inc.; and Rolls-Royce Limited. Vectorable nozzles for turbomachines. 4,519,543, 5-28-85, Cl. 239-265.190.

Szuminski, Gary F.; and Tape, Robert F., to Rolls-Royce Inc. Turbo machine nozzle with thrust reverser. 4,529,130, 7-16-85, Cl. 239-265.290.

Szuminski, Gary F., to Rolls-Royce Inc. Streamlined nozzle for turbomachines. 4,550,877, 11-5-85, Cl. 239-265.350.

Szuminski, Gary F.; and Jones, Thomas J., to Rolls-Royce Inc.; and Rolls-Royce Limited. Variable geometry nozzles for turbomachines. 4,552,309, 11-12-85, Cl. 239-265.190.

Szuminski, Gary F.: *See—*
Nightingale, Douglas J.; and Szuminski, Gary F., 4,502,636, Cl. 239-265.170.

Szwarc, Raphael, to United States of America, Energy. Method of gas purification and system therefor. 4,512,960, 4-23-85, Cl. 423-219.000.

Szweda, Andrew: *See—*
Butler, Edwin G.; and Szweda, Andrew, 4,506,020, Cl. 501-97.000.

Szycher, Michael, to Thermedics, Inc. Extrudable polyurethane for prosthetic devices prepared from a diisocyanate, a polytetramethylene ether polyol, and 1,4-butane diol. 4,523,005, 6-11-85, Cl. 528-76.000.

Szymanski, Chester D.; and Neigel, Dennis, to National Starch and Chemical Corporation. Process for reacting quaternary ammonium monomer in the presence of anionic polymers. 4,517,351, 5-14-85, Cl. 527-312.000.

Szymanski, Michael E.: *See—*
Hancock, Harvey G.; and Szymanski, Michael E., 4,503,283, Cl. 174-22.00R.

Szymanski, Michael J.: *See—*
Weber, Harold J.; Kuehnle, Manfred R.; Compton, James C.; Poulakis, John N.; Szymanski, Michael J.; Lindblom, Kenneth A.; and Cleveland, Donald S., 4,547,061, Cl. 355-10.000.

Szymaszek, Jan W.: *See—*
Heft, Eldon B.; Huseby, Irvin C.; and Szymaszek, Jan W., 4,511,773, Cl. 200-144.00C.

Szymaszek, Paul G.: *See—*
Kocher, Erich J.; Szymaszek, Paul G.; and Nikolaus, John G., 4,507,064, Cl. 418-15.000.

Szymczak, Edward J.: *See—*
Smith, Jerry D.; and Szymczak, Edward J., 4,515,400, Cl. 285-141.000.

T.A.D. Avanti, Inc.: *See—*
Bond, Raymond G., 4,525,603, Cl. 179-84.00R.
Bond, Raymond G., 4,558,179, Cl. 179-6.030.
Bond, Raymond G.; and Batla, Masroor A., 4,560,832, Cl. 179-2.0EA.
Lyle, Stephen V., 4,499,335, Cl. 179-6.030.
Lyle, Stephen V., 4,536,624, Cl. 179-170.0NC.
Martinez, Arthur T.; and Kilstofte, Richard B., 4,492,828, Cl. 200-5.00R.
Martinez, Arthur T., 4,527,209, Cl. 360-96.500.
Mock, Gerald L.; and Hanscom, Bradford E., 4,549,046, Cl. 179-6.110.

T.A.S., Inc.: *See—*
Sayler, William H.; and White, Justin C., 4,531,461, Cl. 110-106.000.

T/B & H Home Video: *See—*
Coy, Don R., Jr.; and Giannis, Peter M., 4,512,534, Cl. 242-198.000.

T-Bar Incorporated: *See—*
Wakuluk, Augustine, 4,504,102, Cl. 339-18.00R.

T. D. Williamson, Inc.: *See—*
Baudoux, Richard; and Webb, Anthony J., 4,515,287, Cl. 220-316.000.
Ver Nooy, Burton, 4,522,063, Cl. 73-579.000.

T. Giusti & Son Ltd.: *See—*
Giusti, Glyn R., 4,559,980, Cl. 141-11.000.
Giusti, Raolo B., 4,525,072, Cl. 366-168.000.

'T Hoen, Pieter J., to North American Philips Corporation. Piezoelectric apodized ultrasound transducers. 4,518,889, 5-21-85, Cl. 310-357.000.

T. J. Electronics, Inc.: *See—*
Holman, Howard E.; and Turner, Roy D., 4,525,014, Cl. 339-14.00R.
Holman, Howard E.; and Turner, Roy D., 4,541,684, Cl. 339-14.00L.

T.M.B. Fertilizer Pumps Ltd.: *See—*
Ruttenberg, Alexander; and Zur, Alexander, 4,548,551, Cl. 417-393.000.

T&N Materials Research Limited: *See—*
Atkinson, Alan W.; Hurst, David R.; and Somerfield, Kenneth T., 4,530,949, Cl. 523-512.000.
Atkinson, Alan W.; Dearden, Katryna J.; and Lancaster, Janet M., 4,534,922, Cl. 264-119.000.
Hargreaves, Brian; Lancaster, Robert A.; McKenzie, Noel C.; and Crabtree, John D., 4,529,653, Cl. 428-450.000.
Laflin, Philip; Eddleston, Ian; and Hepworth, Mathew A., 4,548,678, Cl. 162-146.000.
Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, 4,529,662, Cl. 428-450.000.
Lancaster, Robert A.; McKenzie, Noel C.; and Hargreaves, Brian, 4,529,663, Cl. 428-450.000.

T. O. Plastics, Inc.: *See—*
Kraft, Howard R., 4,533,588, Cl. 428-167.000.

T & R Chemicals, Inc.: *See—*
Arias-Alvarez, Antonio J., 4,532,131, Cl. 424-162.000.
Martin, Bernard K., 4,555,522, Cl. 514-449.000.

T.R.E.G.I.E.: *See—*
Bronoel, Guy, 4,517,258, Cl. 429-21.000.

T. S. Simms & Co. Limited: *See—*
Allison, Philip J.; and Smith, Morley L., 4,509,226, Cl. 15-257.060.
Allison, Philip J., 4,541,140, Cl. 15-230.110.

T. Sendzimir, Inc.: *See—*
Turley, John W.; and Sendzimir, Michael G., 4,531,394, Cl. 72-238.000.

T. T. Boughton & Sons, Ltd.: *See—*
Boughton, Thomas T., 4,537,540, Cl. 410-82.000.

Ta-Ming Wu, Allen: *See—*
Phelps, Andrew E.; and Ta-Ming Wu, Allen, 4,512,018, Cl. 370-112.000.

Taal, Janos: *See—*
Joo, Istvan; Schutz, Lajos; Sarosi, Jozsef; Szabo, Sandor P.; Taal, Janos; and Szebenyi, Otto , 4,543,635, Cl. 364-474.000.

Taarning, Claus E.: *See—*
Henriksen, Henrik; Nielsen, Torben G.; and Taarning, Claus E., 4,503,477, Cl. 361-2.000.
TAB Leasing: *See—*
Nelson, Craig E., 4,559,826, Cl. 73-632.000.
Nelson, Craig E.; and Strenge, Marvin L., 4,561,285, Cl. 73-1.00B.
Tabacchi, Vittorio, to Safilo, S.p.A. Hinge for the pivoting of an elastically divertible tempie piece to an eyeglass frame. 4,494,834, 1-22-85, Cl. 351-153.000.
Tabacco, Alessandro; and Meiattini, Franco, to Sclavo. Urea determination method. 4,507,388, 3-26-85, Cl. 435-12.000.
Tabacek, Joseph A.: *See—*
Vogel, Roger F.; Rennard, Raymond J.; and Tabacek, Joseph A., 4,547,487, Cl. 502-351.000.
Tabajdi, Gabor: *See—*
Vajda, Gabor; Ravasz, Laszlo; Karacsonyi, Bela; and Tabajdi, Gabor, 4,493,853, Cl. 426-582.000.
Tabak, Samuel A.; Wright, Bernard S.; and Owen, Hartley, to Mobil Oil Corporation. Catalytic conversion of olefins to heavier hydrocarbons. 4,504,693, 3-12-85, Cl. 585-520.000.
Tabak, Samuel A., to Mobil Oil Corporation. Olefin oligomerization using extracted feed for production of heavy hydrocarbons. 4,513,156, 4-23-85, Cl. 585-329.000.
Tabak, Samuel A., to Mobil Oil Corporation. Reactor sequencing system for converting oxygenates to hydrocarbons. 4,547,602, 10-15-85, Cl. 585-314.000.
Tabak, Samuel A., to Mobil Oil Corporation. Production of lubricant and/or heavy distillate range hydrocarbons by light olefin upgrading. 4,547,612, 10-15-85, Cl. 585-533.000.
Tabak, Samuel A., to Mobil Oil Corporation. Catalytic conversion with catalyst regeneration sequence. 4,560,536, 12-24-85, Cl. 422-116.000.
Tabak, Samuel A., to Mobil Oil Corporation. Multistage process for converting oxygenates to hydrocarbons. 4,560,537, 12-24-85, Cl. 422-190.000.
Tabak, Samuel A.: *See—*
Chester, Arthur W.; Garwood, William E.; Lucki, Stanley J.; and Tabak, Samuel A., 4,524,232, Cl. 585-517.000.
Gould, Ronald M.; and Tabak, Samuel A., 4,543,435, Cl. 585-330.000.
Holland, Robert E.; and Tabak, Samuel A., 4,547,601, Cl. 585-310.000.
Owen, Hartley; Tabak, Samuel A.; and Wright, Bernard S., 4,520,215, Cl. 585-255.000.
Smith, Fritz A.; and Tabak, Samuel A., 4,544,792, Cl. 585-533.000.
Tabakoff, Boris. Composition and method for reducing blood acetaldehyde levels. 4,528,295, 7-9-85, Cl. 514-345.000.
Taban, Charles H. Pessary. 4,516,570, 5-14-85, Cl. 128-130.000.
Tabara, Takashi, to Olympus Optical Co., Ltd. Method for measuring an electrolyte in an automatic biochemical analyzing apparatus wherein a flame photometer is assembled. 4,493,897, 1-15-85, Cl. 436-47.000.
Tabarelli, Werner; and Lobach, Ernst W. Apparatus for the photolithographic manufacture of integrated circuit elements. 4,509,852, 4-9-85, Cl. 355-30.000.
Tabares, Gilbert, to Xerox Corporation. Dual-axis positioning apparatus adjusting the angular position of an optical element. 4,522,365, 6-11-85, Cl. 248-466.000.
Tabaru, Kazunori; Aoyama, Takafumi; and Kumakura, Toshio. Magnetic toner. 4,554,232, 11-19-85, Cl. 430-106.600.
Tabasa, Fujio: *See—*
Ishikawa, Hiroshi; Tabasa, Fujio; and Nakagawa, Kazuyuki, 4,544,747, Cl. 546-156.000.
Tabata, Akira: *See—*
Goto, Hiroshi; and Tabata, Akira, 4,509,249, Cl. 29-576.00W.
Tabata, George K.; and Yardy, Raymond, to Discovision Associates. Signal conditioning method and apparatus for FM code signal. 4,510,536, 4-9-85, Cl. 360-65.000.
Tabata, Itsuo; and Watanabe, Seiichi, to Denki Kagaku Kogyo Kabushiki Kaisha. Process for producing chloroprene. 4,510,341, 4-9-85, Cl. 570-229.000.
Tabata, Junichi; Torii, Masahiro; Oikawa, Hiroshi; Sawada, Minoru; and Masui, Yasuyuki, to Kabushiki Kaisha Daini Seikosha. Heartbeat rate indicator. 4,513,753, 4-30-85, Cl. 128-706.000.
Tabata, Junichi, to Kabushiki Kaisha Daini Seikosha. Pulse detector. 4,519,397, 5-28-85, Cl. 128-706.000.
Tabata, Kengo: *See—*
Kojima, Takemasa; Tabata, Kengo; Yanaki, Toshio; and Mitani, Mitsuaki, 4,505,757, Cl. 127-36.000.
Tabata, Kuniaki: *See—*
Machida, Tetsuo; Tsuhara, Susumu; Tabata, Kuniaki; and Okada, Yasuyuki, 4,511,962, Cl. 364-200.000.
Tabata, Masaaki; and Miyabayashi, Katsuyuki, to Toyota Jidosha Kabushiki Kaisha. Vehicle door handle sealing system. 4,511,172, 4-16-85, Cl. 296-146.000.
Tabata, Mitsuo; Kidode, Masatsugu; and Yamaguchi, Noboru, to Tokyo Shibaura Denki Kabushiki Kaisha. Image processing system. 4,545,068, 10-1-85, Cl. 382-41.000.
Tabata, Noboru: *See—*
Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, 4,547,372, Cl. 426-11.000.
Tabata, Norikazu; Nakayama, Shigeki; Namba, Keisuke; and Yamauchi, Shiro, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for elimination of biofouling. 4,552,659, 11-12-85, Cl. 210-177.000.
Tabata, Norikazu: *See—*
Yagi, Shigenori; Ogawa, Shuji; Kuzumoto, Masaki; and Tabata, Norikazu, 4,507,537, Cl. 219-121.0LA.
Tabata, Toshio, to Pioneer Electronic Corporation. Counter circuit having improved output response. 4,558,457, 12-10-85, Cl. 377-107.000.
Tabata, Yasushi; Ogawa, Kimiaki; and Takahashi, Toshimitsu, to Asahi Kogaku Kogyo Kabushiki Kaisha. Erroneous release preventing device for camera. 4,534,634, 8-13-85, Cl. 354-268.000.
Tabata, Youichiro: *See—*
Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, 4,553,018, Cl. 219-130.510.
Tabata, Yukio: *See—*
Kawanishi, Toshiyuki; and Tabata, Yukio, 4,536,437, Cl. 428-212.000.
Tabatabaie-Alavi, Kamal; Choudhury, Abu N. M. M.; Slater Gabriel, Nancy J.; and Fonstad, Clifton G., to United States of America, Navy. Dual species ion implantation of ternary compounds based on In-Ga-As. 4,494,995, 1-22-85, Cl. 148-1.500.
Tabe, Takayuki: *See—*
Ohno, Akira; Itakura, Yasushi; Tabe, Takayuki; and Hiromoto, Shuji, 4,546,958, Cl. 267-47.000.
Tabe, Tsutomu: *See—*
Omori, Norio; Tabe, Tsutomu; Ito, Katsunori; and Hayashi, Shuukichi, 4,501,250, Cl. 123-486.000.
Tabei, Masatoshi, to Fuji Photo Film Co., Ltd. Solid-state color imager with two layer three story structure. 4,514,755, 4-30-85, Cl. 358-44.000.
Tabei, Tooru: *See—*
Sato, Giichi; Matuo, Tadashi; and Tabei, Tooru, 4,514,559, Cl. 534-690.000.
Tabereaux, Alton T., to Reynolds Metals Company. Alumina reduction cell. 4,498,966, 2-12-85, Cl. 204-243.00R.
Tabereaux, Alton T.: *See—*
Stewart, Douglas V.; and Tabereaux, Alton T., 4,561,958, Cl. 204-243.00R.
Tabet, Mansour: *See—*
Forestier, Alexandre; Pluquet, Alain A.; Rosa, Roger A.; Tabet, Mansour; and Teysseyre, Pierre M., 4,525,135, Cl. 425-290.000.
Tabet, Michael A. Rotatable split handled cooking utensil. 4,497,417, 2-5-85, Cl. 220-94.00R.
Tabet, Michael A. Golfer's wind indicator and ball retriever. 4,509,751, 4-9-85, Cl. 273-32.00H.
Tabet, Michael J. Adjustable golf ball tee. 4,516,780, 5-14-85, Cl. 273-202.000.
Tabin, Clifford J.: *See—*
Weinberg, Robert A.; Tabin, Clifford J.; and Bradley, Scott M., 4,535,058, Cl. 435-6.000.
Tabler, Donald C., to Phillips Petroleum Company. Reclaiming used lubricating oil. 4,502,948, 3-5-85, Cl. 208-183.000.
Tabler, Donald C., to Phillips Petroleum Company. Filtration of oil. 4,522,729, 6-11-85, Cl. 210-727.000.
Tabler, Donald C.: *See—*
Nowack, Gerhard P.; Johnson, Marvin M.; and Tabler, Donald C., 4,503,249, Cl. 564-385.000.
Tabler, William R. Adjustable holster. 4,544,089, 10-1-85, Cl. 224-192.000.
Taboada, John; and Altschuler, Bruce R., to United States of America, Air Force. Method and apparatus for generating a structured light beam array. 4,523,809, 6-18-85, Cl. 350-163.000.
Taboola Pty. Ltd.: *See—*
Preddey, Brian F.; and Mills, Laurence P., 4,498,327, Cl. 72-341.000.
Tabor, Edward; and Gerety, Robert J., to United States of America, Health and Human Services. Hepatitis B core antigen vaccine. 4,547,367, 10-15-85, Cl. 424-89.000.
Tabor, Edward; and Gerety, Robert J., to United States of America, Health and Human Services. Hepatitis B core antigen vaccine made by recombinant DNA. 4,547,368, 10-15-85, Cl. 424-89.000.
Tabuchi, Akiko, to Kazuhisa Tabuchi. Reclining bed for childbirth. 4,541,622, 9-17-85, Cl. 269-325.000.
Tabuchi, Hiroshi: *See—*
Oshima, Masanao; Narita, Hitoshi; Yashima, Nobuyoshi; and Tabuchi, Hiroshi, 4,519,728, Cl. 405-224.000.
Tabuchi, Kazuhiro: *See—*
Kaneki, Satoru; and Tabuchi, Kazuhiro, 4,556,608, Cl. 428-629.000.
Tabuchi, Kenji; Shida, Masami; and Ishii, Toshio, to Hitachi, Ltd. Method of controlling engine. 4,498,444, 2-12-85, Cl. 123-478.000.
Tabuchi, Kenji: *See—*
Wada, Kenichi; Oka, Tateki; and Tabuchi, Kenji, 4,514,480, Cl. 430-30.000.
Tabuchi, Sadao: *See—*
Arita, Yosihumi; Katsuki, Kosuke; and Tabuchi, Sadao, 4,561,601, Cl. 242-35.50R.
Tabuchi, Takahisa: *See—*
Asari, Akira; Tsuzuki, Hidehiro; Inoue, Yoichi; and Tabuchi, Takahisa, 4,537,569, Cl. 425-405.00H.
Tabuchi, Toyoji; and Hikita, Mitsutaka, to Hitachi, Ltd. Electrode structure for saw device. 4,507,581, 3-26-85, Cl. 310-313.00B.
Tabuchi, Yoshinobu: *See—*
Mouri, Akihiko; Tabuchi, Yoshinobu; Tsuda, Akira; Tatsumi, Masahiro; and Ikeda, Kazushige, 4,552,503, Cl. 414-687.000.
Tabuse, Katsuyoshi: *See—*
Zenitani, Toshio; and Tabuse, Katsuyoshi, 4,494,539, Cl. 128-303.100.

- Tacheny, John C.; and Schema, Anthony C., to Truth Incorporated. Chain operator for a window. 4,521,993, 6-11-85, Cl. 49-325.000.
- Tachi, Kunio: *See—*
  - Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, 4,514,787, Cl. 361-420.000.
- Tachi, Ryosuke: *See—*
  - Matsui, Takeski; Ohyama, Hideo; Tachi, Ryosuke; Ito, Teruyoshi; and Kawai, Motoshi, 4,519,038, Cl. 364-431.030.
- Tachi, Shinichi: *See—*
  - Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.
- Tachi, Susumu: *See—*
  - Kaneko, Makoto; Tachi, Susumu; and Komoriya, Kiyoshi, 4,558,215, Cl. 250-222.100.
- Tachibana, Akifumi, to Kabushiki Kaisha Morita Seisakusho. Dental handpiece having non-contact rotational speed detection device. 4,493,643, 1-15-85, Cl. 433-27.000.
- Tachibana, Akira; Fujiki, Norio; Endo, Hiroshi; Yamaki, Kiyoshi; and Kishi, Norimasa, to Nissan Motor Company, Limited. Moving obstacle detection system for a vehicle. 4,543,577, 9-24-85, Cl. 340-904.000.
- Tachibana, Akira; and Kiyoto, Masami, to Nissan Motor Company, Limited. Moving obstacle detection system for a vehicle. 4,549,181, 10-22-85, Cl. 340-904.000.
- Tachibana, Eiichi; Murayama, Koushou; and Isumi, Kenzo, to Dai Nippon Insatsu Kabushiki Kaisha. Sleeve-type gravure printing cylinder and method and apparatus for its assembly. 4,549,923, 10-29-85, Cl. 156-423.000.
- Tachibana, Hajime: *See—*
  - Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.
- Tachibana, Hiromitsu: *See—*
  - Shibahara, Hiroshi; and Tachibana, Hiromitsu, 4,542,204, Cl. 528-140.000.
- Tachibana, Kaoru: *See—*
  - Kosugi, Yoshinobu; and Tachibana, Kaoru, 4,525,052, Cl. 354-293.000.
- Tachibana, Kenzo: *See—*
  - Matsuda, Yukio; Tachibana, Kenzo; and Ueno, Tsutomu, 4,555,921, Cl. 72-224.000.
- Tachibana, Koichi: *See—*
  - Yokoi, Koichi; Tachibana, Koichi; Isomae, Kazuo; and Nakashima, Toshiaki, 4,501,752, Cl. 514-414.000.
- Tachibana, Kouji, to Hitachi, Ltd. Controller with programmer for selectively providing programs to operate controller. 4,528,623, 7-9-85, Cl. 364-191.000.
- Tachibana, Kunitaka: *See—*
  - Minowa, Nobuto; Fukatsu, Shunzo; Tachibana, Kunitaka; Niida, Taro; and Mase, Sadaaki, 4,499,027, Cl. 260-502.50G.
  - Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,583, Cl. 71-86.000.
  - Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,584, Cl. 71-86.000.
- Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi, to Eisai Co., Ltd. Analgesic peptide and process for the preparation thereof. 4,551,273, 11-5-85, Cl. 260-112.50E.
- Tachibana, Tamotsu, to Tomy Kogyo Company, Incorporated. Articulated toy capable of retracting driving wheels upon articulation. 4,540,379, 9-10-85, Cl. 446-448.000.
- Tachibana, Yoshinori: *See—*
  - Kitajima, Nobuyuki; Tachibana, Yoshinori; Muraki, Asashi; and Kuzuoka, Shinichi, 4,521,355, Cl. 264-60.000.
- Tachibana, Zenpei: *See—*
  - Yonehana, Kiyoshi; and Tachibana, Zenpei, 4,561,473, Cl. 139-21.000.
- Tachihara, Satoru, to Asahi Optical Co., Ltd. Small size telephoto lens. 4,550,987, 11-5-85, Cl. 350-454.000.
- Tachika, Tetsuji; Sakamaki, Hisashi; and Hattori, Hiroyuki, to Canon Kabushiki Kaisha. Copying apparatus. 4,494,861, 1-22-85, Cl. 355-14.00R.
- Tachikawa Blind Kogyo Kabushiki Kaisha: *See—*
  - Tachikawa, Takeyoshi, 4,525,907, Cl. 29-24.500.
- Tachikawa Corporation: *See—*
  - Tomita, Katsuaki, 4,538,662, Cl. 160-107.000.
- Tachikawa, Hideo: *See—*
  - Suzuki, Takatoshi; Tachikawa, Hideo; and Moriyama, Shigeo, 4,522,660, Cl. 148-20.300.
- Tachikawa, Hiromichi: *See—*
  - Takahashi, Yonosuke; Tachikawa, Hiromichi; Shinozaki, Fumiaki; and Ikeda, Tomoaki, 4,544,627, Cl. 430-325.000.
- Tachikawa, Kyoji: *See—*
  - Wada, Hitoshi; Tachikawa, Kyoji; Yamada, Yutaka; and Murase, Satoru, 4,508,578, Cl. 148-11.50F.
- Tachikawa Pin Seisakujo Co., Ltd.: *See—*
  - Shiroyama, Tadayoshi, 4,518,109, Cl. 227-109.000.
- Tachikawa, Shoji: *See—*
  - Kanemura, Shinji; and Tachikawa, Shoji, 4,545,455, Cl. 180-197.000.
- Tachikawa Spring Co., Ltd.: *See—*
  - Abe, Tadafumi; and Takahashi, Isao, 4,534,595, Cl. 297-452.000.
  - Aoki, Akira; and Ito, Kunihiko, 4,514,869, Cl. 5-472.000.
  - Horii, Hitoshi; and Oonishi, Yutaka, 4,523,075, Cl. 219-88.000.
  - Ino, Kenji, 4,529,249, Cl. 297-474.000.
  - Isikawa, Yasuo, 4,557,522, Cl. 297-452.000.
  - Kitamura, Masahiro, 4,545,618, Cl. 297-410.000.
  - Mouri, Hideto; and Inoue, Nobuhiro, 4,561,694, Cl. 297-379.000.
  - Natori, Takashi, 4,558,905, Cl. 297-452.000.
  - Nemoto, Akira, 4,555,141, Cl. 297-452.000.
  - Nishino, Takaichi, 4,520,982, Cl. 248-430.000.
  - Nishino, Takaichi, 4,549,766, Cl. 297-396.000.
  - Ohnishi, Yutaka, 4,550,872, Cl. 228-48.000.
  - Sakamoto, Takao; and Abe, Tadafumi, 4,521,473, Cl. 428-82.000.
  - Sakamoto, Takao, 4,550,949, Cl. 297-284.000.
  - Sakurada, Kenichi; and Nishino, Takaichi, 4,536,030, Cl. 297-284.000.
  - Suzuki, Hiroshi, 4,540,217, Cl. 297-391.000.
  - Takagi, Genjiro, 4,509,796, Cl. 297-452.000.
  - Takagi, Genziro, 4,556,185, Cl. 248-421.000.
  - Takagi, Genziro, 4,556,251, Cl. 297-284.000.
  - Takagi, Genziro, 4,558,903, Cl. 297-408.000.
  - Urai, Muneharu; Abe, Tadafumi; Haraguchi, Youichirou; Hayashi, Koji; and Kon, Shigeki, 4,519,862, Cl. 156-219.000.
  - Urai, Muneharu, 4,561,917, Cl. 156-73.100.
  - Yokoyama, Sho, 4,558,901, Cl. 297-113.000.
- Tachikawa, Takeyoshi, to Tachikawa Blind Kogyo Kabushiki Kaisha. Device for assembling blinds. 4,525,907, 7-2-85, Cl. 29-24.500.
- Tachiki, Masaaki: *See—*
  - Ebi, Yutaka; Fujii, Tadashi; Sekiya, Takuro; Horike, Masanori; Furukawa, Tatsuya; and Tachiki, Masaaki, 4,504,844, Cl. 346-140.00R.
  - Horike, Masanori; Furukawa, Tatsuya; Sekiya, Takuro; Ebi, Yutaka; Isayama, Takuro; and Tachiki, Masaaki, 4,510,509, Cl. 346-140.00R.
- Tachita, Ryobun; Yano, Tsutomu; Fukukita, Hiroshi; Fukaya, Kuniaki; and Fukumoto, Akira, to Matsushita Electric Industrial Company, Ltd. Ultrasonic diagnostic apparatus using Doppler effect. 4,552,152, 11-12-85, Cl. 128-663.000.
- Tachovsky, Otto H.: *See—*
  - Ross, Steven L.; and Tachovsky, Otto H., 4,517,751, Cl. 34-10.000.
- Tack, Paul G.: *See—*
  - Hill, Terry E.; Riley, George R.; Linse, Vonne D.; Green, Sheryll C.; and Tack, Paul G., 4,552,298, Cl. 228-2.500.
- Tack, Robert D.: *See—*
  - Rossi, Albert; Rehrer, David H.; Oswald, Alexis A.; Lewtas, Kenneth; and Tack, Robert D., 4,546,137, Cl. 524-217.000.
- Tacke, Peter; Korber, Helmut; Merten, Josef; and Neuray, Dieter, to Bayer Aktiengesellschaft. Polycarbonate-polyolefin moulding compositions. 4,499,237, 2-12-85, Cl. 525-67.000.
- Tacker, Willis A., Jr.; Bourland, Joe D.; Babbs, Charles F.; and Geddes, Leslie A., to Purdue Research Foundation. Sequential-pulse, multiple pathway defibrillation method. 4,548,203, 10-22-85, Cl. 128-419.00D.
- Tackles, George, to Oakley, Inc. Sunglasses. 4,515,448, 5-7-85, Cl. 351-41.000.
- Tacklind, Christopher A., to Hewlett-Packard Company. Method and apparatus for generating a gray scale with a high speed thermal ink jet printer. 4,503,444, 3-5-85, Cl. 346-140.00R.
- Taco Operations, Incorporated: *See—*
  - Bernal, Eddie L., 4,491,601, Cl. 426-421.000.
- Taco Products, Incorporated: *See—*
  - Finn, Arnold H., 4,505,313, Cl. 145-29.00R.
  - Finn, Arnold H., 4,516,615, Cl. 81-20.000.
- Tada, Akira; and Tanigawa, Koichi, to O-M Limited. Apparatus for folding jacket material. 4,559,030, 12-17-85, Cl. 493-252.000.
- Tada, Atuki: *See—*
  - Ishibashi, Masaya; and Tada, Atuki, 4,538,253, Cl. 369-34.000.
  - Ishibashi, Masaya; Tada, Atuki; and Kanda, Jun, 4,539,663, Cl. 369-34.000.
- Tada, Haruo: *See—*
  - Nakada, Akiyoshi; Inoue, Toshitugu; Tada, Haruo; Shinki, Kiyoshi; Takezawa, Kuninori; and Doi, Makoto, 4,552,504, Cl. 414-735.000.
- Tada, Hideaki; and Aoki, Yoshiaki, to Sumitomo Electric Industries, Ltd. Boron-containing steel and a process for producing the same. 4,491,476, 1-1-85, Cl. 75-124.000.
- Tada, Hiroshi: *See—*
  - Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.
- Tada, Ikuo, to Alps Electric Co., Ltd. Impact dot printing head. 4,493,567, 1-15-85, Cl. 400-124.000.
- Tada, Kohji: *See—*
  - Kawasaki, Akihisa; Tada, Kohji; Kotani, Toshihiro; and Miyazawa, Shintaro, 4,537,652, Cl. 156-617.0SP.
  - Miyazawa, Shintaro; Nanishi, Yasushi; Tada, Kohji; Kawasaki, Akihisa; and Kotani, Toshihiro, 4,528,061, Cl. 156-605.000.
- Tada, Konji: *See—*
  - Mitsui, Tsutomu; Tada, Konji; Kuhara, Yoshiki; and Tatsumi, Masami, 4,560,932, Cl. 324-244.000.
- Tada, Kuniyuki: *See—*
  - Iwayama, Kazuyoshi; Kamano, Takao; Tada, Kuniyuki; and Inoue, Takehisa, 4,511,547, Cl. 423-329.000.
- Tada, Naofumi: *See—*
  - Aihara, Katsuzo; Tada, Naofumi; Suzuki, Yasuo; Ishihara, Joo; and Ogawa, Toshio, 4,560,404, Cl. 75-0.50C.

Tada, Satomi: *See—*
  Kumasaka, Sadao; Tada, Satomi; Horikoshi, Shigeo; Kamanaka, Tamaki; and Taniguchi, Hiroshi, 4,517,312, Cl. 521-47.000.
  Kumasaka, Sadao; and Tada, Satomi, 4,520,141, Cl. 521-126.000.
Tada, Seiichi, to Du Pont-Mitsui Polychemicals Co., Ltd. Polymer composition. 4,517,317, 5-14-85, Cl. 521-95.000.
Tada, Seiichi, to Du Pont-Mitsui Polychemicals Co., Ltd. Polymer composition. 4,532,307, 7-30-85, Cl. 525-451.000.
Tada, Sugihiko: *See—*
  Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.
Tada, Tetsuya, to Canyon Corporation. Dispenser with an air pump mechanism. 4,492,320, 1-8-85, Cl. 222-398.000.
Tada, Tetsuya, to Canyon Corporation. Dispenser. 4,524,888, 6-25-85, Cl. 222-153.000.
Tada, Tetsuya; Kawamoto, Kazuyuki; and Yamada, Akihiko, to Canyon Corporation. Trigger-type sprayer with integrally formed housing, trigger, nozzle and cylinder. 4,558,821, 12-17-85, Cl. 239-333.000.
Tada, Tetsuya: *See—*
  Kumagai, Naotake; Saga, Ikuo; Tatemoto, Minoru; and Tada, Tetsuya, 4,556,877, Cl. 340-713.000.
Tada, Yoshikazu, to Hayashikane Shipbuilding & Engineering Co. Ltd. Control apparatus for dental gas burner. 4,504,212, 3-12-85, Cl. 431-86.000.
Tada, Yoshimitsu: *See—*
  Matsushita, Susumu; Tada, Yoshimitsu; Ikushige, Tetsuo; and Baba, Nobuyuki, 4,556,538, Cl. 422-70.000.
Tada, Yoshinori: *See—*
  Hiroshima, Koichi; and Tada, Yoshinori, 4,495,086, Cl. 252-314.000.
Tada, Yukio: *See—*
  Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.
Tadakuma, Susumu: *See—*
  Tanaka, Shigeru; and Tadakuma, Susumu, 4,529,925, Cl. 323-207.000.
Tadanobu, Yamazawa; and Kentaro, Inoue, to Sanyo Electric Co., Ltd.; and Tottori Sanyo Electric Co., Ltd. Gallium phosphide light-emitting diode. 4,562,378, 12-31-85, Cl. 313-499.000.
Tadashi, Ii; and Saichi, Egusa, to Kabushikikaisha Kyowa Chuzosho; Yugengaisha Kyowa Chuzosho; Otsuka Chemical Co., Ltd.; and Ando Parachemie Co., Ltd. Cast iron alloy and method for producing same. 4,517,018, 5-14-85, Cl. 75-129.000.
Tadauchi, Masaharu: *See—*
  Kozima, Yasuyuki; Sato, Kunio; Tadauchi, Masaharu; Suehiro, Hiroshi; and Inoue, Yasuo, 4,543,644, Cl. 364-900.000.
Taddei, Alessandro: *See—*
  Mancini, Paolo; Taddei, Alessandro; Macerata, Alberto; and Marchesi, Carlo, 4,537,202, Cl. 128-712.000.
Tadlock, John W.: *See—*
  Regunathan, Perialwar; Tadlock, John W.; and Jarog, Dean J., 4,548,227, Cl. 137-268.000.
Tadmor, Zehev: *See—*
  Mehta, Pradip S.; Valsamis, Lefteris N.; and Tadmor, Zehev, 4,529,320, Cl. 366-75.000.
Tadokoro, Eiichi: *See—*
  Ryoke, Katsumi; Yamaguchi, Nobutaka; Yoneyama, Takashi; and Tadokoro, Eiichi, 4,497,864, Cl. 428-323.000.
  Ryoke, Katsumi; Masuyama, Kenichi; Yoneyama, Takashi; Nasu, Norio; and Tadokoro, Eiichi, 4,539,257, Cl. 428-323.000.
  Ryoke, Katsumi; Abe, Yasuhiro; Iida, Shinobu; and Tadokoro, Eiichi, 4,552,798, Cl. 428-194.000.
  Ryoke, Katsumi; Iida, Shinobu; Fujiyama, Masaaki; and Tadokoro, Eiichi, 4,552,799, Cl. 428-194.000.
  Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.
  Yamaguchi, Nobutaka; Iida, Shinobu; Okutu, Toshimitu; Miyoshi, Takahito; Tadokoro, Eiichi; and Fujiyama, Masaaki, 4,544,601, Cl. 428-330.000.
  Yamaguchi, Nobutaka; Fujiyama, Masaaki; Ryoke, Katsumi; and Tadokoro, Eiichi, 4,546,038, Cl. 428-323.000.
  Yamaguchi, Nobutaka; Iida, Shinobu; Utsumi, Masahiro; Okutu, Toshimitu; Masuyama, Kenichi; and Tadokoro, Eiichi, 4,551,386, Cl. 428-323.000.
Tadokoro, Hideo, to Oki Electric Industry Co., Ltd. Method and apparatus for drying semiconductor wafers. 4,559,718, 12-24-85, Cl. 34-8.000.
Tadokoro, Hiroyuki: *See—*
  Matsuoka, Shigeru; Yamauchi, Koji; Tadokoro, Hiroyuki; Yonekura, Seiji; and Suzuki, Mitsuo, 4,549,092, Cl. 307-116.000.
  Yamauchi, Koji; Ito, Shoichi; and Tadokoro, Hiroyuki, 4,527,093, Cl. 315-307.000.
Tadokoro, Kazushige: *See—*
  Uchida, Susumu; and Tadokoro, Kazushige, 4,504,883, Cl. 361-119.000.
Tadokoro, Masahiro: *See—*
  Shigihara, Shigeyuki; and Tadokoro, Masahiro, 4,512,801, Cl. 75-58.000.
Tadokoro, Tomoo; and Akagi, Toshimichi, to Mazda Motor Corporation. Intake system for multiple cylinder internal combustion engine. 4,502,435, 3-5-85, Cl. 123-198.00F.
Tadokoro, Tomoo; Okimoto, Haruo; and Matsuda, Ikuo, to Toyo Kogyo Co., Ltd. Multiple port intake means for rotary piston engines. 4,513,707, 4-30-85, Cl. 123-242.000.
TAFA Incorporated: *See—*
  Harrington, Kent W.; Stevens, John L.; and Thorpe, Merle L., 4,492,337, Cl. 239-81.000.
Tafara, Peter T. Method of making a filter bag assembly. 4,545,833, 10-8-85, Cl. 156-93.000.
Tafel, William G. Archery quiver and method. 4,522,187, 6-11-85, Cl. 124-24.00A.
Taff, Barry E.: *See—*
  Stoller, Kenneth P.; and Taff, Barry E., 4,557,271, Cl. 128-734.000.
  Stoller, Kenneth P.; and Taff, Barry E., 4,557,273, Cl. 128-738.000.
Taff, Douglas C.; and Holdridge, Robert B. Modular passive solar energy heating unit employing phase change heat storage material which is clearly transparent when in its high-stored-energy liquid state. 4,532,917, [illegible] Cl. 126-430.000.
Taflove, Allen: S[illegible]
  Bridges, Jac[illegible] E.; T[illegible]love, Allen; and Sresty, Guggilam C., 4,524,827, C[illegible] 166-2[illegible].000.
  Bridges, Jack [illegible] Taflove, Allen, 4,545,435, Cl. 166-248.000.
Taft-Peirce Supfina Machine Company, Inc.: *See—*
  MacLeod, Roderick B.; and Mandeville, Paul J., 4,558,537, Cl. 51-66.000.
Taft, Phillip A., to Lucas Industries Limited. Power valve for a vehicle braking system. 4,559,780, 12-24-85, Cl. 60-548.000.
Taft, Phillip A.: *See—*
  Reynolds, Desmond H.; and Taft, Phillip A., 4,501,451, Cl. 303-6.00A.
  Reynolds, Desmond H. J.; and Taft, Phillip A., 4,508,012, Cl. 91-512.000.
  Reynolds, Desmond H. J.; and Taft, Phillip A., 4,541,610, Cl. 251-129.210.
Tag, Arne; Petterson, Bjorn R.; and Nygaard, Erik C., to Norsk Hydro a.s. Emulsion explosive. 4,500,369, 2-19-85, Cl. 149-2.000.
Taga Electric Company Ltd.: *See—*
  Mishiro, Shoji; and Hamada, Seiji, 4,562,413, Cl. 331-116.00R.
Taga, Kazumitsu: *See—*
  Sugisawa, Ko; Matsumura, Yasushi; and Taga, Kazumitsu, 4,520,574, Cl. 34-5.000.
  Sugisawa, Ko; Matsumura, Yasushi; Taga, Kazumitsu; Sengoku, Kouji; and Nagatome, Yoshiaki, 4,537,789, Cl. 426-634.000.
Taga, Tokio, to Nippon Telegraph & Telephone Public Corporation. Directivity diversity communication system with microstrip antenna. 4,538,153, 8-27-85, Cl. 343-700.0MS.
Taga, Yasunori; and Sawada, Yutaka, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Infrared shielding lamination. 4,504,109, 3-12-85, Cl. 350-1.600.
Taga, Yasunori; and Sawada, Yutaka, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Heat wave shielding lamination. 4,507,547, 3-26-85, Cl. 219-543.000.
Taga, Yutaka: *See—*
  Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.
Tagai, Hideo: *See—*
  Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.
Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; Sugimura, Masao; and Takahashi, Fumitaka, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for visually indicating a current travel route of a vehicle. 4,494,116, 1-15-85, Cl. 340-995.000.
Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for visually indicating the travel route of an automotive vehicle. 4,531,123, 7-23-85, Cl. 340-995.000.
Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for visually indicating the travel route of an automotive vehicle. 4,535,334, 8-13-85, Cl. 340-995.000.
Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Sugimura, Masao, to Honda Giken Kogyo Kabushiki Kaisha. Fixed range indicating system for use in a vehicle travel path indicating apparatus. 4,535,335, 8-13-85, Cl. 340-995.000.
Tagami, Katsutoshi: *See—*
  Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,517,565, Cl. 340-995.000.
  Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,521,777, Cl. 340-995.000.
  Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,524,357, Cl. 340-995.000.
Tagami, Manabu; Urayama, Kenzi; Ooishi, Tadashi; Okamoto, Yukikazu; and Tsuji, Kozo, to Sumitomo Chemical Company, Limited. Fungicidal composition. 4,536,498, 8-20-85, Cl. 514-147.000.
Tagashira, Yoshimi: *See—*
  Atobe, Masaaki; and Tagashira, Yoshimi, 4,525,676, Cl. 329-50.000.
  Yoshida, Yasuharu; Seguchi, Hiroshi; and Tagashira, Yoshimi, 4,501,004, Cl. 375-102.000.
Tagata, Nobuo: *See—*
  Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.

Tagawa, Kenichi: *See—*

Hagiwara, Zenji; Ohki, Hideo; Hoshino, Shigetaka; Nohara, Saburo; Ida, Shunya; and Tagawa, Kenichi, 4,525,410, Cl. 428-198.000.

Tagawa, Kiyoharu: *See—*

Eguchi, Mitsuo; Tagawa, Kiyoharu; Ogawa, Hitoshi; Bandai, Mikio; and Nagashima, Nobuharu, 4,523,829, Cl. 354-406.000.

Tagawa, Shigetaro: *See—*

Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.

Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, 4,544,338, Cl. 418-63.000.

Tagawa, Yoshiteru: *See—*

Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

Tagaya, Nobuaki: *See—*

Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, 4,513,166, Cl. 585-832.000.

Tagaya, Ryosaku, to Eisai Co., Ltd. Testing method by a spectroscopic photometry using three wavelengths of light and a device for said method. 4,551,022, 11-5-85, Cl. 356-406.000.

Taggart, Kenneth J.; and Traub, Kevin W., to K-D Tools, Inc. Automatic torque wrench tester. 4,517,821, 5-21-85, Cl. 73-1.00C.

Taggents, Inc.: *See—*

Dempsey, John C., 4,493,207, Cl. 73-40.700.

Taggert, Russell H. Current detector in combination with an electrical apparatus. 4,493,983, 1-15-85, Cl. 219-494.000.

Tagliafico, Carlo, to Costruzioni Elettromagnetiche Industriali di Tagliafico Carlo. Solenoid with internally located switch contacts. 4,520,332, 5-28-85, Cl. 335-126.000.

Tagliarino, Joseph. Plug for test tee. 4,542,642, 9-24-85, Cl. 73-40.50R.

Taglieber, Volker: *See—*

Kummer, Rudolf; Schneider, Heinz-Walter; Taglieber, Volker; and Weiss, Franz-Josef, 4,523,027, Cl. 560-191.000.

Tagnon, Luc; and Wajs, Georges, to Essilor International (Compagnie Generale d'Optique). Apparatus for circulating and regenerating a degradable solution such as a saturable absorber for a laser. 4,494,569, 1-22-85, Cl. 137-563.000.

Tagnon, Luc, to Essilor International (Compagnie Generale d'Optique). Ophthalmic surgical laser apparatus. 4,517,980, 5-21-85, Cl. 128-395.000.

Tagnon, Luc, to Essilor International (Compagnie Generale d'Optique). Laser ophthalmological surgical device. 4,554,917, 11-26-85, Cl. 128-303.100.

Tago, Toshifumi: *See—*

Masaki, Katsumi; and Tago, Toshifumi, 4,546,449, Cl. 364-900.000.

Tago, Yoshiaki: *See—*

Odawara, Kazuharu; and Tago, Yoshiaki, 4,555,716, Cl. 346-137.000.

Tagoku, Izumi, to Ricoh Company, Ltd. Electrophotographic copying apparatus. 4,556,311, 12-3-85, Cl. 355-14.00R.

Tagoshi, Hirotaka: *See—*

Yoshida, Haruo; Tagoshi, Hirotaka; Morohashi, Yasushi; and Tanikoshi, Toshiaki, 4,518,756, Cl. 526-313.000.

Taguchi, Atsushi; and Ohmiya, Takeo, to Daicel Chemical Industries, Ltd. Sodium carboxymethylcellulose. 4,525,585, 6-25-85, Cl. 536-98.000.

Taguchi, Eiji: *See—*

Nomura, Toshio; Taguchi, Eiji; and Aoi, Tomio, 4,538,577, Cl. 123-452.000.

Taguchi, Gyota; and Sato, Toshiji, to Nisshin Oil Mills, Ltd. Process for the production of soya protein flakes. 4,534,992, 8-13-85, Cl. 426-656.000.

Taguchi, Haruyoshi; Tsujimura, Hideo; and Imanishi, Masamichi, to Suntory Limited. Handle for a vessel. 4,516,687, 5-14-85, Cl. 220-94.00R.

Taguchi, Hiroaki: *See—*

Takase, Akio; Ogawa, Kohji; Tsutsumi, Takao; Yasuda, Yoshinori; and Taguchi, Hiroaki, 4,542,906, Cl. 273-185.00R.

Taguchi, Hiromi, to Nissan Motor Co., Ltd. Mounting setup of governor shaft. 4,559,842, 12-24-85, Cl. 74-336.500.

Taguchi, Kazuo: *See—*

Ebizawa, Akio; Taguchi, Kazuo; and Okumura, Toshio, 4,507,191, Cl. 204-427.000.

Taguchi, Keiji: *See—*

Hachisu, Takeshi; Taguchi, Keiji; Sasaki, Toshimi; Matsumoto, Tetsuo; and Hidao, Nobuyoshi, 4,509,995, Cl. 148-143.000.

Taguchi, Masaaki: *See—*

Suga, Tateo; Tamura, Hiroshi; Taguchi, Masaaki; and Suzuki, Tokio, 4,560,995, Cl. 346-136.000.

Taguchi, Masahiro; Kuwakado, Satosi; and Tsuge, Noboru, to Nippon Soken, Inc. Exhaust gas purifier for a diesel engine. 4,510,749, 4-16-85, Cl. 60-286.000.

Taguchi, Masahiro: *See—*

Tsuge, Noboru; Taguchi, Masahiro; and Kuwakado, Satosi, 4,511,097, Cl. 242-55.000.

Tsuge, Noboru; Taguchi, Masahiro; Kato, Masanori; and Kuwakado, Satosi, 4,537,169, Cl. 123-325.000.

Tsuge, Noboru; and Taguchi, Masahiro, 4,553,625, Cl. 180-268.000.

Taguchi, Masao: *See—*

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,516,596, Cl. 137-240.000.

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,539,903, Cl. 99-470.000.

Sugisawa, Ko; Sekiguchi, Kazuya; Taguchi, Masao; Nakatani, Masayuki; and Iwata, Hitoshi, 4,559,963, Cl. 137-1.000.

Taguchi, Masayuki, to Amada Company, Limited. Method and apparatus for controlling the feeding of a bandsaw blade in bandsaw machines. 4,534,247, 8-13-85, Cl. 83-13.000.

Taguchi, Michihiro, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Shaft connecting device for boat propellers. 4,493,662, 1-15-85, Cl. 440-83.000.

Taguchi, Minoru; and Sasaki, Gen, to Kabushiki Kaisha Toshiba. Method of selectively etching high impurity concentration semiconductor layer. 4,554,046, 11-19-85, Cl. 156-637.000.

Taguchi, Minoru: *See—*

Kanzaki, Koichi; and Taguchi, Minoru, 4,539,742, Cl. 29-576.00W.

Taguchi, Mitsukuni, to Takara Nakajima Co., Ltd. Dental syringe. 4,531,913, 7-30-85, Cl. 433-80.000.

Taguchi, Nobuyoshi: *See—*

Hotta, Shu; Shimizu, Tokihiko; and Taguchi, Nobuyoshi, 4,541,830, Cl. 8-471.000.

Taguchi, Sadanori; Aida, Toshiyuki; Yamamoto, Shigehiko; and Honda, Yukio, to Hitachi, Ltd. Impregnated cathode. 4,518,890, 5-21-85, Cl. 313-346.00R.

Taguchi, Shinichiro; Nagao, Nobuya; and Ogihara, Yutaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Signal sampling gate circuit. 4,500,931, 2-19-85, Cl. 358-310.000.

Taguchi, Shunichi; Ohkawa, Shuji; Watanabe, Mitsuru; and Kikuchi, Itsuo, to Hitachi Heating Appliances Co., Ltd. High frequency heating apparatus with wireless temperature probe. 4,518,839, 5-21-85, Cl. 219-10.55B.

Taguchi, Shunichi: *See—*

Ishihara, Masahiro; Watanabe, Mitsuru; Ohkawa, Shuji; Taguchi, Shunichi; and Kikuchi, Itsuo, 4,520,250, Cl. 219-10.55B.

Taguchi, Takashi: *See—*

Sato, Susumu; Hattori, Tadashi; Ueno, Yoshiki; and Taguchi, Takashi, 4,556,599, Cl. 428-216.000.

Taguchi, Tetsuya: *See—*

Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, 4,496,227, Cl. 354-289.120.

Taguchi, Toshimichi, to Sharp Kabushiki Kaisha. Membrane keyboard. 4,555,601, 11-26-85, Cl. 200-5.00A.

Taguchi, Toshio; Akino, Hisashi; and Nozawa, Takamitsu, to Shiseido Company Ltd.; and Yoshino Kogyosho Co., Ltd. Container having spring biased hinge. 4,513,877, 4-30-85, Cl. 220-335.000.

Taguchi, Toshio: *See—*

Yanagi, Kenichi; Taguchi, Toshio; Wada, Tetsuyoshi; Furukawa, Heisaburo; and Wake, Kanji, 4,552,092, Cl. 118-718.000.

Taguma, Akihiro: *See—*

Hattori, Makoto; Taguma, Akihiro; and Takeshita, Akira, 4,510,087, Cl. 260-371.000.

Hattori, Makoto; Taguma, Akihiro; Morimitsu, Toshihiko; and Takeshita, Akira, 4,519,947, Cl. 260-371.000.

Tahara, Hiroshi: *See—*

Kakuhashi, Takeshi; and Tahara, Hiroshi, 4,495,524, Cl. 338-314.000.

Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, 4,517,546, Cl. 338-320.000.

Kakuhashi, Takeshi; Tahara, Hiroshi; and Mori, Yoshihisa, 4,540,463, Cl. 156-630.000.

Tahara, Iwao, to Casio Computer Co., Ltd. Sound generating device for jogger. 4,510,485, 4-9-85, Cl. 340-323.00R.

Tahara, Kazutoki: *See—*

Sado, Ryoichi; and Tahara, Kazutoki, 4,520,562, Cl. 29-878.000.

Tahara, Susumu: *See—*

Inaba, Yukio; Igarashi, Taisei; Tahara, Susumu; and Miyatake, Takashi, 4,540,800, Cl. 549-462.000.

Tahara, Tetsuya; Arita, Masafumi; and Kuroda, Tsuyoshi, to Yoshitomi Pharmaceutical Industries, Ltd. 1,4-methano-2-benzazepine derivatives useful as cerebal dysfunction-improving drugs, anti-convulsant, anti-epileptic or anti-anxiety drugs. 4,546,107, 10-8-85, Cl. 514-411.000.

Tahara, Tetsuya: *See—*

Nakao, Toru; Ikebe, Tsuguo; Tahara, Tetsuya; Maruyama, Yutaka; and Yaoka, Osamu, 4,543,354, Cl. 514-238.000.

Tahara, Toshiyuki; Uehara, Hironobu; Hamazato, Kazuo; and Hayashi, Toshio, to Nippon Telegraph & Telephone Public Corporation. Hybrid circuit in a telephone subscriber interface circuit. 4,491,700, 1-1-85, Cl. 179-170.0NC.

Tahara, Yoshitaka, to Mazda Motor Corporation. Engine knocking detecting means. 4,552,111, 11-12-85, Cl. 123-425.000.

Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, to Nisshin Flour Milling Co., Ltd. Isoprenylamine derivatives. 4,514,573, 4-30-85, Cl. 564-387.000.

Tahara, Yoshiyuki; Takahashi, Toshihiro; Koyama, Hiroyasu; Suzuki, Yoshikuni; and Yasuda, Masatoshi, to Nisshin Flour Milling Co., Ltd. Isoprenylic acid amide derivatives. 4,555,365, 11-26-85, Cl. 260-404.000.

Tahara, Yoshiyuki: *See—*

Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.

- Tahata, Michio: *See—*
  - Zaita, Katsuyuki; and Tahata, Michio, 4,500,477, Cl. 261-44.00B.
- Tahayeri, Akbar: *See—*
  - Weiss, Lawrence H.; and Tahayeri, Akbar, 4,558,315, Cl. 340-802.000.
- Tahim, Raghbir S.; Hayashibara, George M.; and Chang, Kai, to TRW Inc. Suspended stripline varactor-tuned Gunn oscillator. 4,521,747, 6-4-85, Cl. 331-107.0SL.
- Tahka Oy: *See—*
  - Lehtola, Erkki T., 4,499,989, Cl. 198-407.000.
- Tahlmore, Claude D.: *See—*
  - Liebermann, Howard H.; and Tahlmore, Claude D., 4,522,331, Cl. 228-263.180.
- Tai, Anthony M.; and Aleksoff, Carl C., to Environmental Research Institute of Michigan. Incoherent optical processor. 4,556,950, 12-3-85, Cl. 364-827.000.
- Tai, Ho T., to Lever Brothers Company. Fabric softening composition. 4,497,716, 2-5-85, Cl. 252-8.800.
- Tai, Ichiro: *See—*
  - Seki, Eiji; Tai, Ichiro; Shirayama, Shimpey; Itoh, Toshiaki; Endo, Yorimasa; and Fukushima, Toshiki, 4,493,811, Cl. 376-254.000.
- Tai, King L.; and Vratny, Frederick, to AT&T Bell Laboratories. Method for fabricating devices with DC bias-controlled reactive ion etching. 4,496,448, 1-29-85, Cl. 204-192.00E.
- Tai, Masahiko: *See—*
  - Ideno, Eizo; Fukushi, Shinichi; Tai, Masahiko; Nakazawa, Koji; and Fujita, Toshihito, 4,511,095, Cl. 242-18.00G.
- Tai, Tadashi: *See—*
  - Irie, Reiko F.; Tai, Tadashi; Morton, Donald L.; Cahan, Leslie D.; and Paulson, James C., 4,557,931, Cl. 424-88.000.
- Tai, Tet C.: *See—*
  - Pugh, Stuart; Smith, Douglas G.; Lee, Chee M.; Parr, Leslie R.; Birkett, John N.; Stibbs, Richard G.; and Tai, Tet C., 4,515,333, Cl. 248-122.000.
- Tai, Wun T.; and Phillips, Kenneth G., to Nalco Chemical Company. Tire tread adhesives. 4,497,927, 2-5-85, Cl. 524-475.000.
- Taig, Alistair G., to Allied Corporation. Mechanical brake control device. 4,533,028, 8-6-85, Cl. 192-13.00A.
- Taig, Alistair G., to Allied Corporation. Mechanical brake control device. 4,538,710, 9-3-85, Cl. 192-13.00A.
- Taig, Alistair G., to Allied Corporation. Centering device for a constant velocity joint. 4,540,383, 9-10-85, Cl. 464-110.000.
- Taig, Alistair G.: *See—*
  - Parks, Kevin B.; Jordan, David D.; and Taig, Alistair G., 4,553,949, Cl. 464-153.000.
- Taihei Chemical Industrial Co., Ltd.: *See—*
  - Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, 4,532,055, Cl. 252-28.000.
- Taihei Kinzoku Kogyo Co., Ltd.: *See—*
  - Maeda, Keikichi; Iijima, Takahiro; and Sato, Eiichi, 4,536,455, Cl. 428-629.000.
- Taiho Industries Co. Ltd.: *See—*
  - Manabe, Nobuyuki; and Goto, Takahiro, 4,515,312, Cl. 239-227.000.
- Taiho Kogyo Co., Ltd.: *See—*
  - Kaku, Yoshihiro; and Otsu, Keiichiro, 4,512,175, Cl. 72-360.000.
  - Kutsuna, Tomoharu; Ohtani, Shinzi; and Kondo, Kunimasa, 4,520,045, Cl. 427-294.000.
  - Nozue, Shigehiro; and Fukuoka, Tatsuhiko, 4,522,513, Cl. 384-368.000.
  - Takenaka, Akira; Shimasaki, Keiichi; and Kuwazuru, Yasumitsu, 4,509,803, Cl. 308-5.00R.
- Taiho Pharmaceutical Company Limited: *See—*
  - Fujii, Setsuro; Unemi, Norio; and Takeda, Setsuo, 4,507,301, Cl. 514-274.000.
  - Fujimura, Hajime; Hiramatsu, Yasuzo; Yamazaki, Tomio; Yamada, Shozo; and Honna, Takaji, 4,518,712, Cl. 514-255.000.
  - Ito, Toshio, 4,505,891, Cl. 424-28.000.
  - Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.
  - Matsushita, Yoh-ichi; Hasegawa, Etsuo; Eshima, Kiyoshi; and Tsuchida, Eishun, 4,530,794, Cl. 260-245.910.
  - Micetich, Ronald G.; Yamabe, Shigeru; Hirata, Shoji; and Ishida, Naobumi, 4,496,484, Cl. 260-245.20R.
  - Micetich, Ronald G.; Yamabe, Shigeru; Yamazaki, Tomio; Ishida, Naobumi; and Ishizawa, Takeshi, 4,529,592, Cl. 424-114.000.
  - Micetich, Ronald G.; Yamabe, Shigeru; Tanaka, Motoaki; Kajitani, Makoto; Yamazaki, Tomio; and Ishida, Naobumi, 4,562,073, Cl. 424-114.000.
  - Micetich, Ronald J.; Yamabe, Shigeru; Ueda, Shuichi; Ishida, Naobumi; and Ishizawa, Takeshi, 4,507,239, Cl. 260-245.20R.
- Taiho Seiki Kabushiki Kaisha: *See—*
  - Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,501,352, Cl. 198-775.000.
- Taihoo Seiki Co., Ltd.: *See—*
  - Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,523,670, Cl. 198-403.000.
- Taillandier, Jean-Michel. Self-orientable barrier fence. 4,549,724, 10-29-85, Cl. 256-12.500.
- Taillens, Jean-Francois; and Lechner, Heinz, to 3S S.A. Surveillance apparatus. 4,540,977, 9-10-85, Cl. 340-552.000.
- Taillet, Joseph; and Larigaldie, Serge, to Office National d'Etudes et de Recherches Aerospatiales. Apparatus for separating particles in suspension in a gas. 4,544,382, 10-1-85, Cl. 55-107.000.
- Tailor, Dilip K.: *See—*
  - Steele, Robert E.; Tailor, Dilip K.; and Lakhani, Rajni R., 4,532,168, Cl. 428-99.000.
- Taino, Kazuo: *See—*
  - Nakata, Takeshi; Horinouchi, Atsushi; and Taino, Kazuo, 4,553,011, Cl. 219-10.55B.
- Taipale, Dale L.: *See—*
  - Flaig, John D.; and Taipale, Dale L., 4,559,908, Cl. 123-41.280.
- Taira, Akio: *See—*
  - Koike, Takaharu; and Taira, Akio, 4,547,047, Cl. 350-514.000.
  - Mihara, Shin-ichi; Imai, Toshihiro; Nakahashi, Ken-ichi; Iba, Youichi; Imaizumi, Masaki; and Taira, Akio, 4,562,344, Cl. 250-201.000.
- Taira, Kazuo; Morofuji, Akihiko; Ueno, Hiroshi; and Kobayashi, Seishichi, to Toyo Seikan Kaisha, Ltd. Hot-melt adhesive of a copolyester of a dibasic acid with a polyhydric alcohol. 4,500,575, 2-19-85, Cl. 428-35.000.
- Taira, Kazuo; Morofuji, Akihiko; Kobayashi, Seishichi; and Ueno, Hiroshi, to Toyo Seikan Kaisha, Ltd. Metal vessel having circumferential side seam and adhesive primer for use in production thereof. 4,556,151, 12-3-85, Cl. 220-67.000.
- Taira, Kazuo: *See—*
  - Imazu, Katsuhiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,541,546, Cl. 220-456.000.
  - Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.
- Taira, Kenji: *See—*
  - Sugimoto, Yutaka; Taira, Kenji; and Fukushima, Akira, 4,503,931, Cl. 181-204.000.
- Taira, Shigeo, to Diesel Kiki Co., Ltd. Fuel injection valve with variable lifting amount of the nozzle needle. 4,501,245, 2-26-85, Cl. 123-446.000.
- Taisan Industrial Co., Ltd.: *See—*
  - Toyoda, Akira; and Chiba, Yasutsune, 4,504,198, Cl. 417-417.000.
- Taisei Corporation: *See—*
  - Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.
  - Ito, Yasuro; Higuchi, Yoshiro; and Aida, Seiichi, 4,547,975, Cl. 34-8.000.
  - Sugimoto, Kenji; and Isozaki, Osamu, 4,514,471, Cl. 428-703.000.
  - Yamaguchi, Tadashi; Ono, Takayuki; Hirata, Michitoshi; and Yokoyama, Toshihiko, 4,537,645, Cl. 149-3.000.
- Taisei Kako Kabushiki Kaisha: *See—*
  - Kai, Hisao, 4,543,279, Cl. 428-35.000.
- Taisei Kensetsu Kabushiki Kaisha: *See—*
  - Kitamura, Hiroshi; Nishikawa, Kaoru; and Naito, Masamitsu, 4,558,543, Cl. 52-2.000.
- Taisho Pharmaceutical Co., Ltd.: *See—*
  - Adachi, Takashi; Morimoto, Shigeo; Takahashi, Yoko; Watanabe, Yoshiaki; and Omura, Sadafumi, 4,496,717, Cl. 536-7.200.
  - Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, 4,557,871, Cl. 556-183.000.
  - Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-317.000.
  - Tamai, Masaharu; Adachi, Takashi; Oguma, Kiyoshi; Hanada, Kazunori; Omura, Sadafumi; and Katunuma, Nobuhiko, 4,507,232, Cl. 260-112.50R.
  - Tomisawa, Kazuyuki; Kameo, Kazuya; Matsunaga, Toru; Saito, Shiuji; Nakashima, Yoshimoto; and Sata, Kaoru, 4,541,959, Cl. 260-455.00R.
- Tait, A. Martin: *See—*
  - Mahoney, John A.; Helstrom, John J.; and Tait, A. Martin, 4,514,279, Cl. 208-10.000.
- Tait, William C.; and Harklau, Lanny L., to Minnesota Mining and Manufacturing Company. Method of constructing an LC network. 4,555,291, 11-26-85, Cl. 156-250.000.
- Taitel, Charles M. Passive-type treadmill. 4,544,152, 10-1-85, Cl. 272-69.000.
- Taito Co., Ltd.: *See—*
  - Kojima, Takemasa; Tabata, Kengo; Yanaki, Toshio; and Mitani, Mitsuaki, 4,505,757, Cl. 127-36.000.
- Taito Kabushiki Kaisha: *See—*
  - Nakasone, Seiken; Miyagi, Sadao; Aragaki, Takehiko; and Higa, Yasusi, 4,492,601, Cl. 127-48.000.
- Taito, Yoshinori: *See—*
  - Ochiai, Masahiko; and Taito, Yoshinori, 4,505,036, Cl. 30-34.100.
  - Ochiai, Masahiko; and Taito, Yoshinori, 4,549,352, Cl. 30-41.500.
- Taiyo Fishery Co., Ltd.: *See—*
  - Aoki, Shigetada; Usui, Masahiko; and Kitano, Kojuro, 4,558,572, Cl. 62-378.000.
- Taiyo Ltd.: *See—*
  - Izume, Masayuki, 4,500,082, Cl. 270-20.100.
- Taiyo Musen Co. Ltd.: *See—*
  - Mori, Kenzo; and Ozawa, Mikio, 4,507,663, Cl. 343-440.000.
  - Mori, Kenzo; Yasuda, Hyo; and Suzuki, Minoru, 4,510,498, Cl. 343-435.000.
- Taiyo Sanso Co., Ltd.: *See—*
  - Shinohara, Hiroshi; and Nagai, Kiyoshi, 4,527,042, Cl. 219-121.0LC.
- Taiyo Sanso Kabushiki Kaisha: *See—*
  - Kawaguchi, Takehiko, 4,511,167, Cl. 294-28.000.

- Taiyo Yuden Co., Ltd.: *See—*
  - Masuyama, Masaru; Hirooka, Susumu; and Yamaoka, Nobutatsu, 4,545,929, Cl. 252-520.000.
  - Masuyama, Masaru; Hirooka, Susumu; and Yamaoka, Nobutatsu, 4,547,314, Cl. 252-520.000.
  - Matuki, Shouzo, 4,554,703, Cl. 15-424.000.
  - Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, 4,541,974, Cl. 264-61.000.
- Taiyo Yuden Kabushiki Kaisha: *See—*
  - Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.
  - Iida, Hideyo; Kato, Koumei; Mishuku, Toshio; and Fujimaki, Yukiko, 4,510,195, Cl. 428-215.000.
  - Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, 4,519,942, Cl. 252-520.000.
- Taizo Ayukawa: *See—*
  - Ayukawa, Taizo, 4,508,707, Cl. 424-70.000.
- Tajana, Alberto: *See—*
  - Nardi, Dante; Catto, Alberto; Tajana, Alberto; Cazzulani, Pietro; and Graziani, Gabriele, 4,510,140, Cl. 544-360.000.
  - Nardi, Dante; Tajana, Alberto; Pennini, Renzo; Cazzulani, Pietro; Graziani, Gabriele; and Casadio, Silvano, 4,550,115, Cl. 514-320.000.
- Tajana, Franco: *See—*
  - Ballarati, Vito; and Tajana, Franco, 4,537,227, Cl. 139-420.00R.
- Tajima, Akira. Method of widening the angular field of a photographic objective lens. 4,518,227, 5-21-85, Cl. 350-422.000.
- Tajima, Akira: *See—*
  - Kitagishi, Nozomu; and Tajima, Akira, 4,500,188, Cl. 354-406.000.
  - Takahashi, Sadatoshi; Tsuji, Sadahiko; Tajima, Akira; Asano, Toshiaki; and Minami, Setsuo, 4,515,446, Cl. 350-427.000.
- Tajima, Fujio; and Hirai, Hiromu, to Hitachi, Ltd. Tape transport control unit. 4,525,654, 6-25-85, Cl. 318-7.000.
- Tajima, Hatsuo; Takahashi, Tohru; and Hosono, Nagao, to Canon Kabushiki Kaisha. Unit for an image formation apparatus and image formation apparatus provided with the same unit. 4,538,896, 9-3-85, Cl. 355-3.00R.
- Tajima, Hatsuo, to Canon Kabushiki Kaisha. Apparatus for fixing images. 4,542,980, 9-24-85, Cl. 355-14.0FU.
- Tajima, Hatsuo: *See—*
  - Kan, Fumitaka; Egami, Hidemi; Hosoi, Atsushi; Tajima, Hatsuo; Nakamura, Shunji; and Nakahata, Kimio, 4,559,899, Cl. 118-657.000.
  - Takahashi, Tohru; Tajima, Hatsuo; Shigenobu, Michio; and Washiyama, Shigemichi, 4,511,778, Cl. 219-10.55A.
- Tajima, Hiroto; Kawakami, Hironori; Mashino, Zenichi; Hayami, Seinoshin; and Ohzeki, Osamu, to Chiyoda Chemical Engineering & Construction Co., Ltd.; and Nikka Chemical Industry Co., Ltd. Method for the preparation of pitch-in-water slurry. 4,537,600, 8-27-85, Cl. 44-51.000.
- Tajima, Hiroyuki: *See—*
  - Rokunohe, Mitsuru; Nakajima, Toshiyuki; Iwata, Kansei; and Tajima, Hiroyuki, 4,549,175, Cl. 340-794.000.
- Tajima, Ikuo, to Tokai Kogyo Mishin Kabushiki Kaisha. Embroidery machine. 4,495,876, 1-29-85, Cl. 112-103.000.
- Tajima, Ikuo, to Tokai Industrial Sewing Machine Co., Ltd. Embroidery sewing machine. 4,513,672, 4-30-85, Cl. 112-100.000.
- Tajima, Koichi: *See—*
  - Yamamoto, Masao; Yebisuya, Takashi; Kawai, Mituo; and Tajima, Koichi, 4,493,733, Cl. 75-126.00B.
- Tajima, Masaru: *See—*
  - Muramatsu, Kazuhiro; Watari, Yuuzi; Tajima, Masaru; and Nakaju, Isamu, 4,552,754, Cl. 424-70.000.
- Tajima, Michio, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for determining impurities in epitaxial silicon crystals. 4,492,871, 1-8-85, Cl. 250-459.100.
- Tajima, Noriyasu: *See—*
  - Sakura, Yasuhiro; Nakajima, Yasushi; Tajima, Noriyasu; and Nimura, Hitoshi, 4,516,208, Cl. 364-466.000.
- Tajima, Osamu, to Victor Company of Japan, Ltd. Device for feedback controlling focus of an optical system in an information recording/reproducing apparatus. 4,504,938, 3-12-85, Cl. 369-45.000.
- Tajima, Osamu: *See—*
  - Nakayama, Michio; Tajima, Osamu; Matsui, Seiji; Yoshikoshi, Hideyuki; and Fukuyo, Hiroshi, 4,515,351, Cl. 266-177.000.
- Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, to Sony Corporation. Digital capstan servo circuit. 4,500,822, 2-19-85, Cl. 318-314.000.
- Tajima, Shigeru; Okada, Hiroshi; and Nakano, Kenji, to Sony Corporation. Digital servo circuit. 4,506,202, 3-19-85, Cl. 318-603.000.
- Tajima, Shigeru: *See—*
  - Kondo, Katsuya; and Tajima, Shigeru, 4,506,197, Cl. 318-34.000.
- Tajima, Shinobu; Umeda, Yasukazu; and Kamohara, Toshiyuki, to Mitsubishi Denki Kabushiki Kaisha. Computer control system for selecting a desired control program from a plurality of control programs. 4,509,143, 4-2-85, Cl. 364-900.000.
- Tajima, Tetsuya: *See—*
  - Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, 4,491,592, Cl. 424-318.000.
- Tajima, Yoshio; Miyoshi, Mituji; Sugita, Shoji; Kawabe, Kiyoshi; and Matsuura, Kazuo, to Nippon Oil Co., Ltd. Process for preparing polyolefins. 4,525,555, 6-25-85, Cl. 526-125.000.
- Tajima, Yoshio: *See—*
  - Obara, Masaaki; Tajima, Yoshio; and Suzuki, Yukiji, 4,495,236, Cl. 428-172.000.
- Tajima, Yusuke; and Platzker, Aryeh, to Raytheon Company. Hybrid coupler having interlaced coupling conductors. 4,532,484, 7-30-85, Cl. 333-116.000.
- Tajiri, Norikiyo: *See—*
  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,525,824, Cl. 369-45.000.
  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,539,662, Cl. 369-13.000.
  - Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Shigeru, 4,549,287, Cl. 369-45.000.
  - Kanai, Mikio; Hatano, Hideki; Tajiri, Norikiyo; Otaki, Sakashi; and Kato, Sigeru, 4,554,651, Cl. 369-13.000.
- Tajiri, Tadaaki; and Nishizawa, Hitoshi, to Kimura Chemical Plants Co., Ltd. Process for removal of hydrogen sulfide from gases. 4,532,118, 7-30-85, Cl. 423-226.000.
- Tajiri, Yoshinobu: *See—*
  - Yoshinaga, Sadao; Tajiri, Yoshinobu; and Mashine, Hiroyoshi, 4,502,465, Cl. 126-409.000.
- Taka, Hideo; and Andresen, Bernhard H., to Texas Instruments Incorporated. Automatic exposure control for a camera shutter. 4,544,257, 10-1-85, Cl. 354-460.000.
- Taka, Hideo: *See—*
  - Kimura, Hiroyuki; Yazaki, Mutsunobu; Taka, Hideo; and Masunaga, Makoto, 4,494,842, Cl. 354-173.110.
  - Masunaga, Makoto; and Taka, Hideo, 4,523,827, Cl. 354-400.000.
  - Masunaga, Makoto; and Taka, Hideo, 4,533,241, Cl. 356-1.000.
  - Yamada, Tateo; Kimura, Hiroyuki; and Taka, Hideo, 4,542,865, Cl. 242-205.000.
- Taka, Shunichi: *See—*
  - Furuichi, Shinji; Morita, Shigetoshi; Taka, Shunichi; and Suwabe, Hirohisa, 4,506,308, Cl. 360-121.000.
- Taka, Yuichi: *See—*
  - Iwata, Masahiro; Miyashita, Yushi; and Taka, Yuichi, 4,557,618, Cl. 401-34.000.
- Takabayashi, Katsuyuki; Soeta, Muneo; and Nagasawa, Takeshi, to Nitto Boseki Co. Ltd. Method for determination of 5-aminosalicylic acid. 4,529,709, 7-16-85, Cl. 436-111.000.
- Takabayashi, Katsuyuki: *See—*
  - Nagasawa, Takeshi; Kuroiwa, Katsumasa; and Takabayashi, Katsuyuki, 4,520,100, Cl. 435-13.000.
- Takabe, Katsunori, to Mitsubishi Denki Kabushiki Kaisha. Supervisory apparatus for elevators. 4,503,941, 3-12-85, Cl. 187-29.00R.
- Takabe, Noboru: *See—*
  - Kondo, Tatsuhei; Takabe, Noboru; and Horiba, Takeshi, 4,543,350, Cl. 514-18.000.
- Takabe, Ryoji: *See—*
  - Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.
- Takabe, Seiichi: *See—*
  - Matsumoto, Kazuo; Takabe, Seiichi; and Takashima, Kohki, 4,535,089, Cl. 514-374.000.
- Takach, Eugene J., Jr., to Honeywell Inc. Data distribution apparatus. 4,542,372, 9-17-85, Cl. 340-500.000.
- Takachiho Kogyo Yuugen Kaisha: *See—*
  - Shigemizu, Akihiko, 4,512,524, Cl. 241-101.700.
- Takacs, Istvan; Kerey, Gyorgy; Illes, Janos; Rudolf, Peter; Gere, Pal; Czebe, Laszlo; and Neszmelyi, Erzsebet, to Richter Gedeon Vegyeszeti Gyar Rt. Process for the production of heparin-containing particulate products. 4,518,771, 5-21-85, Cl. 536-21.000.
- Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, to Richter Gedeon Vegyeszeti Gyar Rt. Extraction apparatus. 4,539,111, 9-3-85, Cl. 210-179.000.
- Takada, Akira: *See—*
  - Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, 4,547,823, Cl. 360-90.000.
- Takada, Daizo: *See—*
  - Ito, Hirosato; and Takada, Daizo, 4,493,635, Cl. 431-90.000.
- Takada, Hiroaki: *See—*
  - Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000.
- Takada, Isao: *See—*
  - Kawasaki, Tatsuo; Takada, Isao; and Ohtsubo, Hiroshi, 4,533,806, Cl. 219-8.500.
- Takada, Juichiro. Seat belt retractor with an automatically memorized tensionless position. 4,494,709, 1-22-85, Cl. 242-107.600.
- Takada, Juichiro. Drive device for passive vehicle occupant restraint belt system. 4,498,690, 2-12-85, Cl. 280-804.000.
- Takada, Juichiro, to Takata Kogyo Co., Ltd. Lockable moving belt anchor for passive vehicle occupant restraint belt systems. 4,502,710, 3-5-85, Cl. 280-804.000.
- Takada, Juichiro, to Takata Corporation. Lockable moving belt anchor for passive vehicle occupant restraint belt systems. 4,521,034, 6-4-85, Cl. 280-804.000.
- Takada, Juichiro. Seatbelt clamp. 4,552,407, 11-12-85, Cl. 297-476.000.
- Takada, Junji; Minamitake, Masayuki; and Tamegai, Satoshi, to Tokyo Shibaura Denki Kabushiki Kaisha; and Toshiba Components Co. Voltage detecting circuit with hysteresis characteristic and high noise immunity. 4,558,226, 12-10-85, Cl. 250-551.000.

Takada, Kazuo; and Saito, Seitoku, to TDK Electronics Co., Ltd. Magnetic recording medium. 4,542,062, 9-17-85, Cl. 428-336.000.

Takada, Kazuya; Toyama, Shigeyuki; and Numata, Yoshihiko, to Tokuyama Soda Kabushiki Kaisha. Basic aluminum sulfate and process for production thereof. 4,526,772, 7-2-85, Cl. 423-556.000.

Takada, Keisuke; and Okuhara, Hiroo, to Tokyo Shibaura Denki Kabushiki Kaisha. Computer process control system. 4,533,990, 8-6-85, Cl. 364-160.000.

Takada, Masaki: *See*—

Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, 4,517,296, Cl. 435-119.000.

Takada, Masazumi. Endoscope. 4,561,427, 12-31-85, Cl. 128-4.000.

Takada, Minoru, to Honda Giken Kogyo Kabushiki Kaisha. Wheel for a vehicle. 4,518,204, 5-21-85, Cl. 301-63.00R.

Takada, Minoru, to Honda Giken Kogyo Kabushiki Kaisha. Frame for automated two-wheel vehicles, and method for its manufacture. 4,561,670, 12-31-85, Cl. 280-281.00R.

Takada, Noboru: *See*—

Matsuda, Tadashi; Mizuno, Tsuneo; Takada, Noboru; Araki, Shin; Shimura, Michio; and Kutami, Michinori, 4,528,575, Cl. 346-140.00R.

Takada, Nobuyuki: *See*—

Suganuma, Nobuo; Tanaka, Kensuke; Takada, Nobuyuki; and Ichikawa, Hiromichi, 4,556,553, Cl. 424-52.000.

Takada, Norihisa: *See*—

Nelson, Philip E.; and Takada, Norihisa, 4,557,799, Cl. 159-44.000.

Takada, Shigetoshi, to Kabushiki Kaisha Shinwa Giken. Power factor regulating method for connection of a capacitor to a line and apparatus embodying the method. 4,529,926, 7-16-85, Cl. 323-210.000.

Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, to Konishiroku Photo Industry Co., Ltd. Silver halide photographic light-sensitive material. 4,526,864, 7-2-85, Cl. 430-551.000.

Takada, Shun; Onodera, Kaoru; and Kadowaki, Takashi, to Konishiroku Photo Industry Co., Ltd. Silver halide photographic light-sensitive material. 4,537,857, 8-27-85, Cl. 430-549.000.

Takada, Shunji: *See*—

Mihayashi, Keiji; Takada, Shunji; and Kobayashi, Hidetoshi, 4,526,863, Cl. 430-505.000.

Takada, Susumu; and Sagara, Hisao, to Shoketsu Kinzoku Kogyo Kabushiki Kaisha. Automatic on-off valve for use with a pneumatic micrometer. 4,495,794, 1-29-85, Cl. 73-37.500.

Takada, Tadakazu, to Fujitsu Limited. Etching method for semiconductor devices. 4,545,851, 10-8-85, Cl. 156-643.000.

Takada, Tadakazu; and Shimizu, Katsunori, to Fujitsu Limited. Process for fabricating a wiring layer of aluminum or aluminum alloy on semiconductor devices. 4,547,260, 10-15-85, Cl. 156-643.000.

Takada, Takuzo, to Yoshino Kogyosho Co., Ltd. Apparatus for biaxial-blow-molding hollow bottle-shaped container of synthetic resin and method of biaxial-blow-molding the same container. 4,547,333, 10-15-85, Cl. 264-532.000.

Takada, Takuzo: *See*—

Kinoshita, Harumi; Kushida, Hideo; Itakura, Takeshi; Akutsu, Masao; Takada, Takuzo; and Sugiura, Hiroaki, 4,496,517, Cl. 264-521.000.

Takada, Toshio: *See*—

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,529,524, Cl. 252-62.590.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,539,129, Cl. 252-62.630.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,548,801, Cl. 423-594.000.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,561,988, Cl. 252-62.590.

Takada, Toshiyuki; and Tamba, Shinichi, to Kawasaki Jukogyo Kabushiki Kaisha. Liquid-cooled internal combustion engine. 4,494,491, 1-22-85, Cl. 123-41.720.

Takada, Yoshiyasu: *See*—

Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.

Takada, Yusaku: *See*—

Katayama, Hajime; Nitanda, Hiroshi; Nagaoka, Tateki; Kishi, Hirotoshi; Takada, Yusaku; Iida, Noriyoshi; Inuzuka, Tsuneki; and Komiya, Yutaka, 4,521,099, Cl. 355-8.000.

Takafuji, Hideo; and Sekiguchi, Shoichi, to Nippon Steel Corporation. Method of determining grain size using ultrasonic waves. 4,539,848, 9-10-85, Cl. 73-599.000.

Takafuji, Hideo; Minamida, Katsuhiro; and Yamaguchi, Shigehiro, to Nippon Steel Corporation. Method for joining of articles by energy beam and apparatus for controlling said method. 4,560,855, 12-24-85, Cl. 219-121.0LD.

Takagaki, Hidetsugu; Nakanishi, Shigenori; Tanaka, Yasuyuki; Watanabe, Michihiro; and Yonehara, Yoriko, to Dainippon Ink and Chemicals, Inc. Process for preparation of steroids. 4,525,303, 6-25-85, Cl. 260-239.55R.

Takagaki, Tokujiro; Sasaki, Tetsuo; and Seike, Haruo, to Japan Storage Battery Company Limited. Alkaline battery. 4,554,227, 11-19-85, Cl. 429-178.000.

Takagaki, Yoshio: *See*—

Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.

Takagi, Akihiro; Yamada, Shinichi; and Sugawara, Syohel, to Nippon Telegraph & Telephone Public Corporation. System for resolving collision in local network. 4,543,574, 9-24-85, Cl. 340-825.500.

Takagi, Fumio: *See*—

Hanamoto, Keiji; and Takagi, Fumio, 4,545,752, Cl. 425-112.000.

Takagi, Fusao: *See*—

Ohta, Hideo; Hakuzen, Tatuzo; Ito, Yasunori; and Takagi, Fusao, 4,512,829, Cl. 156-659.100.

Takagi, Genjiro, to Tachikawa Spring Co., Ltd. Seat frame for vehicle seat. 4,509,796, 4-9-85, Cl. 297-452.000.

Takagi, Genziro, to Tachikawa Spring Co., Ltd. Seat frame for a vehicle seat. 4,556,185, 12-3-85, Cl. 248-421.000.

Takagi, Genziro, to Tachikawa Spring Co., Ltd. Lumbar support device. 4,556,251, 12-3-85, Cl. 297-284.000.

Takagi, Genziro, to Tachikawa Spring Co., Ltd. Angle adjustment device of a movable body for a vehicle seat. 4,558,903, 12-17-85, Cl. 297-408.000.

Takagi, Hirofumi; Kunugita, Kiyohiko; Sawai, Hideki; and Kariyone, Kazuo, to Fujisawa Pharmaceutical Co., Ltd. Animal growth promotant and method of use for animal growth. 4,504,471, 3-12-85, Cl. 514-18.000.

Takagi, Hiroshi: *See*—

Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, 4,541,473, Cl. 164-444.000.

Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, 4,506,220, Cl. 324-252.000.

Takagi, Hiroyoshi, to Hitachi Maxell, Ltd. Recording tape cartridge. 4,553,717, 11-19-85, Cl. 242-198.000.

Takagi, Hiroyoshi; Amaike, Toshiyuki; and Mizutani, Hikaru, to Hitachi, Maxell Ltd. Magnetic recording tape cartridge. 4,556,153, 12-3-85, Cl. 220-334.000.

Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Circuit for integrating analog signal and converting it into digital signal. 4,562,424, 12-31-85, Cl. 340-347.0NT.

Takagi, Kazuhiro: *See*—

Uchida, Yukio; Takagi, Kazuhiro; Katayama, Kiichiro; and Kawase, Hisao, 4,546,051, Cl. 428-653.000.

Takagi, Kazumasa; and Yamaguchi, Yasuyuki, to Nissan Motor Company, Limited. Warning system for indicating absence of emergency spare tire from a spare tire container. 4,531,116, 7-23-85, Cl. 340-568.000.

Takagi, Kenji: *See*—

Miyamori, Hideaki; Takagi, Kenji; Sato, Shigeru; Takahashi, Fujio; and Ozawa, Mikio, 4,511,784, Cl. 219-123.000.

Takagi, Kiyotaka: *See*—

Abe, Hiroshi; Shichiri, Motoaki; Kawamori, Ryuzo; Ichoh, Tasuku; Iwatani, Kenji; Higuchi, Mamoru; Takagi, Kiyotaka; Okamoto, Norihiko; and Okudaira, Toshiyuki, 4,515,584, Cl. 604-66.000.

Takagi, Kunihiko: *See*—

Sakamoto, Izumi; and Takagi, Kunihiko, 4,536,387, Cl. 424-14.000.

Sakamoto, Izumi; and Takagi, Kunihiko, 4,539,234, Cl. 427-393.500.

Takagi, Masahiro: *See*—

Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, 4,539,669, Cl. 369-75.200.

Takagi, Masashi: *See*—

Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, 4,537,042, Cl. 62-208.000.

Nishi, Yasuyuki; Sakurai, Masao; and Takagi, Masashi, 4,539,823, Cl. 62-228.500.

Nishi, Yasuyuki; Takagi, Masashi; and Sakurai, Masao, 4,561,260, Cl. 62-115.000.

Nishizawa, Kazutoshi; Takagi, Masashi; and Nishi, Yasuyuki, 4,547,133, Cl. 417-270.000.

Takagi, Masasi: *See*—

Nishi, Yasuyuki; Takagi, Masasi; and Sakurai, Masao, 4,531,378, Cl. 62-217.000.

Takagi, Masatoshi; and Annaka, Wataru, to Honda Giken Kogyo Kabushiki Kaisha. Internal combustion engine of motorcycle. 4,497,293, 2-5-85, Cl. 123-196.00A.

Takagi, Masayuki; Mugiya, Hiroshi; and Komaju, Shigeru, to Fujitsu Limited. Power supply circuit. 4,538,102, 8-27-85, Cl. 323-349.000.

Takagi, Masayuki: *See*—

Narishige, Shinji; Yoshinari, Tsuneo; Sato, Mituo; Takagi, Masayuki; and Yoshida, Toshihiro, 4,516,180, Cl. 360-126.000.

Takagi, Michiyuki: *See*—

Iino, Toshiki; Kaneko, Hiromi; Takagi, Michiyuki; and Komatsu, Kazuhiro, 4,493,610, Cl. 415-104.000.

Takagi, Mikio; Takasaki, Kanetake; and Koyama, Kenji, to Fujitsu Limited. Vapor phase growth method. 4,539,068, 9-3-85, Cl. 156-614.000.

Takagi, Mikio: *See*—

Kamioka, Hajime; Takagi, Mikio; Sato, Noriaki; Nakano, Motoo; and Iwai, Takashi, 4,503,315, Cl. 219-121.0LE.

Miyamoto, Hidekazu; Shioya, Yoshimi; Maeda, Mamoru; and Takagi, Mikio, 4,513,026, Cl. 427-85.000.

Takasaki, Kanetake; Takagi, Mikio; and Koyama, Kenji, 4,532,022, Cl. 204-192.00D.

Takagi, Mitiro: *See*—

Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Takagi, Satoshi: *See*—

Hayashi, Hideki; Endo, Sadayoshi; Ito, Yukio; and Takagi, Satoshi, 4,497,001, Cl. 360-74.200.

- Hayashi, Hideki; Takagi, Satoshi; Ito, Yukio; and Endo, Sadayoshi, 4,538,753, Cl. 226-199.000.
- Ito, Yukio; Takai, Kazuki; and Takagi, Satoshi, 4,523,241, Cl. 360-105.000.
- Itoh, Yukio; Takai, Kazuki; and Takagi, Satoshi, 4,519,269, Cl. 74-483.00R.

Takagi, Seiichi: *See*—
- Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.

Takagi, Seiji: *See*—
- Hidaka, Hiroyoshi; Sone, Takanori; Sasaki, Yasuharu; Sugihara, Taisuke; Takagi, Seiji; and Sako, Kiyohide, 4,510,307, Cl. 544-283.000.

Takagi, Shigehide; Yokota, Norio; Sato, Syohei; and Nishi, Toshihiro, to Sumitomo Cement Co., Ltd. Gamma-dicalcium silicate-containing cement composition. 4,560,413, 12-24-85, Cl. 106-120.000.

Takagi, Shigeru; and Hayashi, Nobutoshi, to Nippon Soken, Inc. Method and apparatus for detecting degree of clogging in particle trapping member of internal combustion engine. 4,492,079, 1-8-85, Cl. 60-274.000.

Takagi, Shigeru; and Tomita, Masahiro, to Nippon Soken, Inc. Electrical heater retained in a porous ceramic structure. 4,523,935, 6-18-85, Cl. 55-282.000.

Takagi, Shigeru; and Tomita, Masahiro, to Nippon Soken, Inc. Dust collecting filter. 4,528,008, 7-9-85, Cl. 55-485.000.

Takagi, Shigeru: *See*—
- Tomita, Masahiro; and Takagi, Shigeru, 4,540,535, Cl. 264-44.000.
- Yoshida, Hitoshi; Tomita, Masahiro; and Takagi, Shigeru, 4,535,589, Cl. 60-303.000.

Takagi, Shoji: *See*—
- Nishida, Mitsuhiro; Yamamoto, Sakuei; Sonoda, Nobuo; Okahashi, Kazuo; and Takagi, Shoji, 4,546,130, Cl. 523-459.000.

Takagi, Shoyo: *See*—
- Kobashi, Toshiyuki; and Takagi, Shoyo, 4,540,754, Cl. 526-88.000.

Takagi, Shozo. Mold supporting arrangement. 4,553,795, 11-19-85, Cl. 308-6.00R.

Takagi, Syoji, to Tokyo Shibaura Denki Kabushiki Kaisha. Coffee making apparatus. 4,510,853, 4-16-85, Cl. 99-286.000.

Takagi, Tadao: *See*—
- Hakamata, Kazuo; Takagi, Tadao; and Hyodo, Yukio, 4,510,411, Cl. 310-316.000.

Takagi, Takeji: *See*—
- Nishikawa, Masaji; Takagi, Takeji; and Ueki, Masao, 4,522,866, Cl. 428-216.000.

Takagi, Tomio: *See*—
- Kato, Hisanori; and Takagi, Tomio, 4,502,591, Cl. 198-621.000.

Takagi, Toshihiko; Kobayashi, Yoshikazu; Suzuki, Yoshiji; and Hara, Tsutomu, to Nippon Columbia Kabushiki Kaisha. Optical record disc. 4,519,064, 5-21-85, Cl. 369-275.000.

Takagi, Toshijiro; and Watanabe, Eiji, to Jeol Ltd. Scanning electron microscope with an optical microscope. 4,537,477, 8-27-85, Cl. 350-507.000.

Takagi, Toshinori: *See*—
- Morimoto, Kiyoshi; and Takagi, Toshinori, 4,500,741, Cl. 136-206.000.
- Morimoto, Kiyoshi; and Takagi, Toshinori, 4,500,742, Cl. 136-206.000.
- Morimoto, Kiyoshi; and Takagi, Toshinori, 4,523,211, Cl. 357-4.000.
- Morimoto, Kiyoshi; and Takagi, Toshinori, 4,535,195, Cl. 136-261.000.
- Morimoto, Kiyoshi; and Takagi, Toshinori, 4,539,054, Cl. 148-403.000.
- Morimoto, Kiyoshi; and Takagi, Toshinori, 4,559,901, Cl. 118-723.000.

Takagi, Toshio: *See*—
- Funabashi, Kiyomi; Takagi, Toshio; Kawamura, Fumio; and Kikuchi, Makoto, 4,524,153, Cl. 521-26.000.
- Funabashi, Kiyomi; Kawamura, Fumio; Takagi, Toshio; Urata, Megumu; and Fukasawa, Tetsuo, 4,543,085, Cl. 494-30.000.

Takagi, Tsuneo; and Yonehara, Hiroyuki, to Dainippon Screen Seizo Kabushiki Kaisha. Method for controlling an exposure time in consideration of the reciprocity law failure of a photosensitive material. 4,525,065, 6-25-85, Cl. 355-77.000.

Takagi, Yoshiaki: *See*—
- Urano, Shigeru; Yamamoto, Kiyoshi; Takagi, Yoshiaki; and Sugawara, Takeshi, 4,505,988, Cl. 428-569.000.

Takagi, Yoshihiro; Hirano, Shigeo; and Sugimoto, Tadao, to Fuji Photo Film Co., Ltd. Method of processing a direct positive silver halide photographic light-sensitive material. 4,540,655, 9-10-85, Cl. 430-410.000.

Takagi, Yukio, to Meinan Machinery Works, Inc. Veneer splicing apparatus. 4,510,009, 4-9-85, Cl. 156-353.000.

Takagishi, Hisao: *See*—
- Kamio, Kunimasa; Takagishi, Hisao; and Kanagawa, Shuichi, 4,529,790, Cl. 528-107.000.

Takagiwa, Hiroyuki; Matsuo, Syunji; and Tomono, Makoto, to Konishiroku Photo Industry Co., Ltd. Toner image pressure fixing method. 4,543,311, 9-24-85, Cl. 430-98.000.

Takagiwa, Hiroyuki; Takahashi, Jiro; Shirose, Meizo; Inaba, Naomi; and Seki, Megumi, to Konishiroku Photo Industry Co., Ltd. Toner for development of electrostatic image containing binder resin and wax. 4,557,991, 12-10-85, Cl. 430-109.000.

Takagiwa, Hiroyuki: *See*—
- Kasuya, Takahira; Morita, Hideaki; Takagiwa, Hiroyuki; and Yamakawa, Goichi, 4,514,487, Cl. 430-137.000.
- Shirose, Meizo; Ito, Kunio; Takagiwa, Hiroyuki; Takahashi, Jiro; and Gunzi, Kouichi, 4,514,486, Cl. 430-124.000.
- Wada, Tsuneo; Tamaki, Kiyoshi; Murata, Hideki; Terada, Sadatugu; and Takagiwa, Hiroyuki, 4,507,378, Cl. 430-137.000.

Takago, Toshio; Sodeyama, Osamu; and Terashima, Masami, to Shin-Etsu Chemical Co., Ltd. Organocyclopolysiloxane and a room temperature curable composition containing same. 4,497,943, 2-5-85, Cl. 528-22.000.

Takago, Toshio; and Arai, Masatoshi, to Shin-Etsu Chemical Co., Ltd. Method for the preparation of pentamethylcyclotrisiloxane. 4,539,418, 9-3-85, Cl. 556-451.000.

Takahama, Itsuro. Prosthetic device with a knee mechanism. 4,549,318, 10-29-85, Cl. 623-44.000.

Takahama, Kazuhide: *See*—
- Miyazaki, Naoki; Horiya, Keiichi; Shiozaki, Tsugio; and Takahama, Kazuhide, 4,511,903, Cl. 346-76.0PH.

Takahara, Kazuhiro; Kurahashi, Keizo; Gondo, Hiroyuki; Oki, Kenichi; and Miura, Shoshin, to Fujitsu Limited. El display device. 4,523,189, 6-11-85, Cl. 340-781.000.

Takahara, Kazuhiro: *See*—
- Yamaguchi, Hisashi; Asano, Toru; Takahara, Kazuhiro; Kurahashi, Keizo; and Andoh, Shizuo, 4,550,310, Cl. 340-365.00C.

Takahara, Takao; and Shimokawa, Kazuhiro, to Daikin Kogyo Co., Ltd. Process for preparing fluorine-containing steroids. 4,528,137, 7-9-85, Cl. 260-397.400.

Takahara, Takao; and Hisanaga, Yorisato, to Daikin Kogyo Co., Ltd. Fluorine-containing uridine derivative and preparation and use thereof. 4,542,209, 9-17-85, Cl. 536-23.000.

Takahara, Takeshi; Ishii, Tsutomu; and Shirakawa, Yasuhiro, to Kabushiki Kaisha Toshiba. Rare earth oxyfluoride barium fluoride halide phosphor. 4,515,706, 5-7-85, Cl. 252-301.40H.

Takahara, Yoshimasa: *See*—
- Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.
- Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.

Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, to Hitachi, Ltd. Multi-layer printed circuit board and process for production thereof. 4,526,835, 7-2-85, Cl. 428-413.000.

Takahashi, Akio; Shimazaki, Takeshi; Wajima, Motoyo; and Morishita, Hirosada, to Hitachi, Ltd. Thermosetting resin composition comprising (1) dicyanamide, (2) polyvalent imide and (3) polymerizable compound. 4,546,168, 10-8-85, Cl. 528-107.000.

Takahashi, Akio: *See*—
- Kambara, Shu; Arakawa, Tatsumi; and Takahashi, Akio, 4,537,950, Cl. 528-380.000.

Takahashi, Akira, to Ricoh Company, Ltd. Distance measurement system. 4,518,253, 5-21-85, Cl. 356-4.000.

Takahashi, Akira; Kasahara, Shinju; and Hosokawa, Toshiaki, to Jeco Company Limited. Pulse generators combined with micromotors. 4,529,903, 7-16-85, Cl. 310-156.000.

Takahashi, Akira, to Ricoh Company, Ltd. Distance measuring circuit. 4,533,227, 8-6-85, Cl. 354-403.000.

Takahashi, Akira; Matsui, Kenji; and Suzuki, Hajime, to Jeco Company Limited. Stepping motor. 4,559,461, 12-17-85, Cl. 310-49.00R.

Takahashi, Akira: *See*—
- Deguchi, Toshihisa; Ohta, Kenji; and Takahashi, Akira, 4,497,006, Cl. 360-114.000.
- Komatsubara, Masahiro; Kamimura, Tetsuro; Inanaga, Takugi; and Takahashi, Akira, 4,527,756, Cl. 242-68.300.
- Nishi, Kohichi; and Takahashi, Akira, 4,550,997, Cl. 354-459.000.
- Ohta, Kenji; Hirokane, Junji; Katayama, Hiroyuki; Takahashi, Akira; and Yamaoka, Hideyoshi, 4,544,443, Cl. 156-643.000.

Takahashi, Akiyoshi: *See*—
- Sutoh, Shinji; Hara, Toshizo; and Takahashi, Akiyoshi, 4,519,443, Cl. 165-17.000.

Takahashi, Asao: *See*—
- Yokogawa, Akira; Takahashi, Asao; Maruyama, Isao; and Hosaka, Takao, 4,522,688, Cl. 203-28.000.

Takahashi, Atsushi: *See*—
- Kido, Fusayoshi; Takahashi, Atsushi; Shingu, Shitta; Higuchi, Yoshinori; and Yamada, Akira, 4,553,227, Cl. 369-44.000.

Takahashi, Eisaku: *See*—
- Ohsugi, Katsuhisa; Ichida, Junji; and Takahashi, Eisaku, 4,542,154, Cl. 514-475.000.

Takahashi, Fujio: *See*—
- Miyamori, Hideaki; Takagi, Kenji; Sato, Shigeru; Takahashi, Fujio; and Ozawa, Mikio, 4,511,784, Cl. 219-123.000.

Takahashi, Fuminobu: *See*—
- Hori, Yuji; Nishimura, Yoshichika; and Takahashi, Fuminobu, 4,519,923, Cl. 252-8.50C.
- Tsuchita, Kenji; Domon, Kozo; and Takahashi, Fuminobu, 4,531,413, Cl. 73-637.000.

Takahashi, Fumio: *See*—
- Kawai, Hirokazu; and Takahashi, Fumio, 4,496,824, Cl. 219-216.000.
- Kawano, Junji; and Takahashi, Fumio, 4,502,057, Cl. 346-76.0PH.
- Kubo, Takeshi; Kawano, Junji; Takahashi, Fumio; and Yamaguchi, Tsutomu, 4,551,729, Cl. 346-1.100.

- Takahashi, Fumitaka: *See—*
  - Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; Sugimura, Masao; and Takahashi, Fumitaka, 4,494,116, Cl. 340-995.000.
- Takahashi, Haruo: *See—*
  - Kimura, Shogo; and Takahashi, Haruo, 4,502,844, Cl. 417-275.000.
- Takahashi, Hayashi: *See—*
  - Ogawa, Hiroyasu; Shigei, Tetsuro; Takahashi, Hayashi; Okabe, Tetuya; and Miyatake, Fumio, 4,536,448, Cl. 428-394.000.
- Takahashi, Hideaki; Hayakawa, Kiyoharu; Kondo, Haruyoshi; and Takeuchi, Takashi, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Oxygen sensor with heater. 4,500,412, 2-19-85, Cl. 204-425.000.
- Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, to Kabushiki Kaisha Toshiba; Hideaki Takahashi; and Tetsuo Shoji. Method of detecting embrittlement of heat-resisting steel. 4,518,464, 5-21-85, Cl. 204-1.00T.
- Takahashi, Hideaki: *See—*
  - Takeuchi, Takashi; Takahashi, Hideaki; Saji, Keiichi; Kondo, Haruyoshi; and Hayakawa, Kiyoharu, 4,510,036, Cl. 204-425.000.
  - Takeuchi, Takashi; Takahashi, Hideaki; and Kondo, Haruyoshi, 4,524,264, Cl. 219-497.000.
- Takahashi, Hidehiko, to Yakurigaku Chuo Kenkyusho. Pyranone compounds and skin-lightening cosmetic preparations or local demelanizing agents containing the same. 4,545,982, 10-8-85, Cl. 424-62.000.
- Takahashi, Hideki: *See—*
  - Mitsue, Naoki; and Takahashi, Hideki, 4,516,783, Cl. 277-50.000.
- Takahashi, Hidenori: *See—*
  - Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,500,544, Cl. 514-543.000.
  - Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,542.143, Cl. 514-356.000.
- Takahashi, Hideo; and Nakatani, Mitsuo, to Hitachi, Ltd. Dispersion type electroluminescent element with liquid dielectric and jelling agent. 4,517,490, 5-14-85, Cl. 313-502.000.
- Takahashi, Hideyuki; and Ishikawa, Shozo, to Canon Kabushiki Kaisha. Electrophotographic photosensitive member comprising disazo compound. 4,495,264, 1-22-85, Cl. 430-58.000.
- Takahashi, Hideyuki; Kenmotsu, Isami; and Okajima, Takahiro, to Pioneer Electronic Corporation. Automatic record loading player. 4,497,051, 1-29-85, Cl. 369-77.100.
- Takahashi, Hideyuki; Komatsu, Toshio; and Inoue, Yoshiaki, to Mitsubishi Gas Chemical Company, Inc. Oxygen absorbent. 4,524,015, 6-18-85, Cl. 252-188.280.
- Takahashi, Hideyuki: *See—*
  - Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, 4,551,404, Cl. 430-59.000.
  - Inaba, Shizuo; Sato, Kiyoshi; Takahashi, Yoshio; and Takahashi, Hideyuki, 4,539,670, Cl. 369-77.100.
- Takahashi, Hiromi: *See—*
  - Yamamoto, Sadao; Itani, Hikaru; Takahashi, Hiromi; Tsuji, Teruji; and Nagata, Wataru, 4,539,148, Cl. 260-239.00A.
- Takahashi, Hiroshi; and Goto, Teruhisa, to Mitsubishi Petrochemical Co., Ltd. Process for preparing heat-resistant resins. 4,503,194, 3-5-85, Cl. 525-329.500.
- Takahashi, Hiroshi, to Nippon Electric Co., Ltd. Digital television special effect waveform generator. 4,520,398, 5-28-85, Cl. 358-183.000.
- Takahashi, Hiroshi; Nishioka, Akira; Tokunaga, Fumihiro; Aotani, Yoshimasa; and Aono, Koichiro, to Fuji Photo Film Co., Ltd. Negative working diazo light-sensitive composition with oxonol dye and lithographic printing plate using the same. 4,542,085, 9-17-85, Cl. 430-158.000.
- Takahashi, Hiroshi, to Canon Kabushiki Kaisha. Battery voltage detector. 4,544,893, 10-1-85, Cl. 324-433.000.
- Takahashi, Hiroshi, to Canon Kabushiki Kaisha. Ink jet printer. 4,558,332, 12-10-85, Cl. 346-140.00R.
- Takahashi, Hiroshi: *See—*
  - Kobayashi, Takashi; Inagaki, Takeshi; Takahashi, Hiroshi; and Ohisa, Takayuki, 4,494,843, Cl. 354-214.000.
  - Sato, Kunihiko; and Takahashi, Hiroshi, 4,548,178, Cl. 123-478.000.
- Takahashi, Hirotake: *See—*
  - Uchibaba, Kouichi; Takahashi, Hirotake; and Uchiyama, Chiyomitsu, 4,560,049, Cl. 192-85.00R.
- Takahashi, Hiroto: *See—*
  - Ikeda, Masami; Matsuda, Hiroto; Shibata, Makoto; and Takahashi, Hiroto, 4,536,250, Cl. 156-651.000.
- Takahashi, Hiroyoshi: *See—*
  - Yamamoto, Jun; Hayashida, Hajime; and Takahashi, Hiroyoshi, 4,524,669, Cl. 84-433.000.
- Takahashi, Hiroyuki; and Ogata, Tomohiro, to Kanto Special Steel Works Ltd. Apparatus for rotary casting ingots. 4,493,360, 1-15-85, Cl. 164-286.000.
- Takahashi, Hisamitsu: *See—*
  - Kimura, Minoru; and Takahashi, Hisamitsu, 4,502,032, Cl. 336-58.000.
- Takahashi, Hisashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for discriminating a paper-like material. 4,550,433, 10-29-85, Cl. 382-7.000.
- Takahashi, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, to Fujitsu Limited. Multiplexing input circuit. 4,551,634, 11-5-85, Cl. 307-243.000.
- Takahashi, Hitoshi: *See—*
  - Takaishi, Naotake; Takahashi, Hitoshi; and Inamoto, Yoshiaki, 4,533,770, Cl. 568-817.000.
- Takahashi, Ikuo, to Hitachi, Ltd. Fuel pumping apparatus. 4,492,200, 1-8-85, Cl. 123-450.000.
- Takahashi, Ikuo: *See—*
  - Sano, Yukinori; Hoshi, Yoshikazu; and Takahashi, Ikuo, 4,552,114, Cl. 123-481.000.
- Takahashi, Isao, to Hitachi, Ltd. Circuit breaker. 4,550,356, 10-29-85, Cl. 361-9.000.
- Takahashi, Isao: *See—*
  - Abe, Tadafumi; and Takahashi, Isao, 4,534,595, Cl. 297-452.000.
  - Kato, Toshiyuki; Takahashi, Isao; Irie, Toshio; and Ogawa, Yozo, 4,561,910, Cl. 148-12.400.
- Takahashi, Iwashige: *See—*
  - Nishikawa, Yoshinori; and Takahashi, Iwashige, 4,525,706, Cl. 340-679.000.
- Takahashi, Izumi; Nakayama, Kenichiro; Sugiyama, Terumasa; and Suzuki, Takanobu, to Fuji Xerox Co., Ltd. Output check apparatus for electrophotographic copier. 4,499,580, 2-12-85, Cl. 371-17.000.
- Takahashi, Izumi: *See—*
  - Moriki, Yasumitsu; Sato, Tadashi; Yamamoto, Kazuyoshi; and Takahashi, Izumi, 4,543,818, Cl. 73-49.800.
  - Suzuki, Takanobu; Nakayama, Kenichiro; Takahashi, Izumi; and Sugiyama, Terumasa, 4,554,662, Cl. 371-20.000.
- Takahashi, Jiro; Komamura, Tawara; Sawada, Kiyoshi; Sasaki, Ssamu; Goto, Satoshi; and Kinoshita, Akira, to Konishiroku Photo Industry Co., Ltd. Electrophotographic substituted p,p′-bisazo diphenyl acrylonitrile compounds for photoreceptors. 4,495,261, 1-22-85, Cl. 430-58.000.
- Takahashi, Jiro; Sawada, Kiyoshi; Kinoshita, Akira; Komamura, Tawara; Goto, Satoshi; and Sasaki, Osamu, to Konishiroku Photo Industry Co., Ltd. Disazo photoreceptors for electrophotography. 4,537,847, 8-27-85, Cl. 430-58.000.
- Takahashi, Jiro: *See—*
  - Shirose, Meizo; Ito, Kunio; Takagiwa, Hiroyuki; Takahashi, Jiro; and Gunzi, Kouichi, 4,514,486, Cl. 430-124.000.
  - Takagiwa, Hiroyuki; Takahashi, Jiro; Shirose, Meizo; Inaba, Naomi; and Seki, Megumi, 4,557,991, Cl. 430-109.000.
- Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, to Matsushita Electric Industrial Co., Ltd.; and Toyota Jidosha Kabushiki Kaisha. Knocking sensor. 4,497,198, 2-5-85, Cl. 73-35.000.
- Takahashi, Junya: *See—*
  - Kato, Toshiro; Takahashi, Junya; and Kamoshita, Katsuzo, 4,501,756, Cl. 514-120.000.
- Takahashi, Katsuaki: *See—*
  - Mimura, Tomonori; Sagusa, Hisayuki; Satou, Takehide; and Takahashi, Katsuaki, 4,543,238, Cl. 422-63.000.
- Takahashi, Katsuhiko: *See—*
  - Kasuga, Takuzo; Takahashi, Katsuhiko; and Suzuki, Kunio, 4,511,708, Cl. 528-274.000.
  - Kasuga, Takuzo; and Takahashi, Katsuhiko, 4,533,680, Cl. 523-220.000.
  - Sugimoto, Gunji; Arakawa, Hideo; Ishihara, Toshikazu; Sugiura, Masahiro; and Takahashi, Katsuhiko, 4,495,560, Cl. 364-154.000.
- Takahashi, Katsuhiro; Watanabe, Keiichi; Hoshihara, Naoto; and Jinbo, Hiroyuki, to Matsushita Electric Industrial Co., Ltd. Method for fabricating electrodes for use in lead storage batteries. 4,548,835, 10-22-85, Cl. 427-123.000.
- Takahashi, Katsutoshi: *See—*
  - Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,500,452, Cl. 260-112.50R.
  - Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,529,549, Cl. 260-404.500.
  - Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,537,880, Cl. 514-19.000.
  - Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,556,735, Cl. 564-157.000.
- Takahashi, Katsuyu: *See—*
  - Fujimura, Takashi; Takahashi, Katsuyu; and Nishizawa, Masahiro, 4,535,234, Cl. 250-238.000.
- Takahashi, Kazue; Okuna, Kenzi; Nakajima, Isao; Harada, Mineo; and Kako, Yutaka, to Hitachi, Ltd. Cancel type printing head. 4,511,269, 4-16-85, Cl. 400-124.000.
- Takahashi, Kazukiyo, to NEC Corporation. High speed comparator circuit with input-offset compensation function. 4,553,052, 11-12-85, Cl. 307-494.000.
- Takahashi, Kazuo, to Canon Kabushiki Kaisha. Semiconductor printing apparatus with multiple independent temperature control. 4,503,335, 3-5-85, Cl. 250-548.000.
- Takahashi, Kazuo: *See—*
  - Ihara, Hiroyuki; Takahashi, Kazuo; Matsubara, Michiro; Kumata, Fumio; and Sanami, Yoshitomo, 4,495,089, Cl. 252-364.000.
- Takahashi, Keietsu: *See—*
  - Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, 4,556,689, Cl. 525-54.100.
- Takahashi, Kenichi; Hirano, Koichi; and Futamura, Shoji, to Bridgestone Tire Company Limited; and Institute of Technology Precision Electrical Discharge Works. Tire manufacturing mold. 4,543,050, 9-24-85, Cl. 425-28.00D.
- Takahashi, Kenichi: *See—*
  - Harigane, Kotaro; Tando, Shuichi; Takahashi, Kenichi; and Shudo, Hirokazu, 4,520,557, Cl. 29-740.000.
  - Murakami, Kazuhito; and Takahashi, Kenichi, 4,521,073, Cl. 350-96.340.

Murakami, Kazuhito; and Takahashi, Kenichi, 4,552,434, Cl. 350-96.300.

Yokota, Minoru; Murakami, Kazuhito; and Takahashi, Kenichi, 4,504,298, Cl. 65-3.110.

Takahashi, Kenji; Nagahara, Shusaku; Ozawa, Naoki; Kudo, Koji; and Hirano, Chikafusa, to Hitachi, Ltd.; and Hitachi Denshi Kabushiki Kaisha. Solid state imaging device. 4,527,200, 7-2-85, Cl. 358-213.000.

Takahashi, Kenji; and Nakamura, Takashi, to Fuji Photo Film Co., Ltd. Radiation image recording and reproducing method. 4,535,237, 8-13-85, Cl. 250-327.200.

Takahashi, Kenji; and Nakamura, Takashi, to Fuji Photo Film Co., Ltd. Radiation image recording and reproducing method. 4,535,238, 8-13-85, Cl. 250-327.200.

Takahashi, Kenji; Ishibashi, Shizuka; Kudo, Koji; Masuda, Yukihiro; and Kodama, Takuma, to Hitachi, Ltd.; and Hitachi Denshi Kabushiki Kaisha. Circuit for generating signal for correcting deflection of electron beam. 4,549,117, 10-22-85, Cl. 315-371.000.

Takahashi, Kenji: *See—*

Arakawa, Satoshi; Nakamura, Takashi; and Takahashi, Kenji, 4,534,884, Cl. 252-301.40H.

Arakawa, Satoshi; and Takahashi, Kenji, 4,547,672, Cl. 250-483.100.

Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.

Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.

Kohda, Katsuhiro; and Takahashi, Kenji, 4,539,137, Cl. 252-301.40H.

Miyahara, Junji; Nakamura, Takashi; and Takahashi, Kenji, 4,539,138, Cl. 252-301.40H.

Nakamura, Takashi; and Takahashi, Kenji, 4,532,071, Cl. 252-301.40H.

Okamura, Shigeo; Sato, Yoshihiro; and Takahashi, Kenji, 4,530,140, Cl. 29-110.000.

Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.

Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, 4,543,610, Cl. 358-213.000.

Sato, Kazuhiro; Izumita, Morishi; Takahashi, Kenji; Akiyama, Toshiyuki; and Nishizawa, Shigeki, 4,498,106, Cl. 358-213.000.

Umemoto, Chiyuki; and Takahashi, Kenji, 4,505,989, Cl. 428-691.000.

Takahashi, Kihei, to Yoshida Kogyo K.K. Clamping unit. 4,510,658, 4-16-85, Cl. 29-33.200.

Takahashi, Kihei; and Sassa, Yusei, to Yoshida Kogyo K.K. Apparatus for pairing two rows of slide fastener zigzag coupling elements. 4,520,559, 6-4-85, Cl. 29-766.000.

Takahashi, Kimio: *See—*

Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,507,942, Cl. 68-20.000.

Hirose, Etsuro; Takahashi, Kimio; Mori, Toshiro; and Kaito, Haruyuki, 4,551,996, Cl. 68-20.000.

Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285, Cl. 350-600.000.

Takahashi, Kiyofumi: *See—*

Tomibe, Shinji; Gomibuchi, Reizo; and Takahashi, Kiyofumi, 4,556,507, Cl. 252-518.000.

Takahashi, Kiyoshi; Konagai, Makoto; Yoshitomi, Toshihiko; and Omori, Takeshi, to Mitsubishi Chemical Industries Limited. Substrate for amorphous silicon semiconductor material. 4,551,575, 11-5-85, Cl. 136-255.000.

Takahashi, Kohki; Kondoh, Takeo; Koga, Masao; and Nishiwaki, Kenichiro, to Denki Kagaku Kogyo Kabushiki Kaisha. Rubbery polymer composition. 4,517,348, 5-14-85, Cl. 526-273.000.

Takahashi, Kohtei, to Nissan Motor Company, Limited. Reverse gear selector mechanism with means for preventing transmission slipping out of reverse gear. 4,531,425, 7-30-85, Cl. 74-477.000.

Takahashi, Koji: *See—*

Hiroyasu, Minoru; Yamagishi, Shigeru; Yamashita, Hideo; Yamada, Susumu; and Takahashi, Koji, 4,545,706, Cl. 408-1.0BD.

Takahashi, Kotei, to Nissan Motor Company, Limited. Shift fork. 4,495,831, 1-29-85, Cl. 74-473.00R.

Takahashi, Kotei, to Nissan Motor Company, Limited. Automotive manual transmission. 4,519,267, 5-28-85, Cl. 74-473.00R.

Takahashi, Kotei, to Nissan Motor Company, Limited. Shift control mechanism of an automotive manual transmission. 4,520,685, 6-4-85, Cl. 74-473.00R.

Takahashi, Kotei, to Nissan Motor Company, Limited. Shift control mechanism of an automotive manual transmission. 4,539,858, 9-10-85, Cl. 74-475.000.

Takahashi, Kotei, to Nissan Motor Co., Ltd. Shift control mechanism of an automotive manual transmission. 4,558,610, 12-17-85, Cl. 74-473.00R.

Takahashi, Kouichi: *See—*

Nagao, Akihito; Takahashi, Kouichi; Masuda, Shunji; Fujimoto, Misao; and Nishikawa, Toshio, 4,552,112, Cl. 123-432.000.

Takahashi, Kozo: *See—*

Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Takahashi, Kunihiro, to Seiko Instruments & Electronics Ltd. Tuning fork. 4,498,025, 2-5-85, Cl. 310-312.000.

Takahashi, Kunihiro; and Matsuyama, Nobuyoshi, to Seiko Instruments & Electronics Ltd. Tuning fork type quartz crystal resonator with variable width base. 4,540,909, 9-10-85, Cl. 310-370.000.

Takahashi, Kunihiro: *See—*

Tsukamoto, Shinya; Takahashi, Kunihiro; and Doi, Akira, 4,501,717, Cl. 419-58.000.

Takahashi, Kunimasa: *See—*

Shibatani, Haruo; Takahashi, Kunimasa; and Kameda, Takashi, 4,528,087, Cl. 208-22.000.

Takahashi, Kunio; Oda, Noriyuki; Kido, Nobuyuki; and Muramatsu, Keizi, to Asahi Glass Company Ltd. Sand-filled sealing structure between at least one tube and a tube support plate. 4,540,184, 9-10-85, Cl. 277-12.000.

Takahashi, Makoto, to TDK Corporation. Rectifier circuit with two rectifiers. 4,555,753, 11-26-85, Cl. 363-126.000.

Takahashi, Masaaki; Hattori, Yuji; and Igarashi, Yuriko, to Kureha Kagaku Kogyo Kabushiki Kaisha. Microencapsulated agricultural chemical and process of preparation thereof. 4,557,755, 12-10-85, Cl. 71-100.000.

Takahashi, Masaaki: *See—*

Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.

Takahashi, Masahiro; Hagiwara, Toshio; Kakei, Tsutomu; and Oda, Kazutaka, to Fuji Photo Film Co., Ltd.; and Nippon Light Metal Company Ltd. Web conveying method. 4,518,466, 5-21-85, Cl. 204-28.000.

Takahashi, Masahiro; Hagiwara, Toshio; Nishizaki, Takao; and Niizeki, Kinya, to Nippon Light Metal Company Ltd. Cold storage body. 4,523,433, 6-18-85, Cl. 62-60.000.

Takahashi, Masahiro: *See—*

Hamada, Takuji; Takahashi, Masahiro; Mizokawa, Sadao; Fushimi, Hitoshi; and Yasumoto, Seiichi, 4,530,085, Cl. 370-15.000.

Masuda, Takanori; Kakei, Tsutomu; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,536,264, Cl. 204-129.430.

Oda, Kazutaka; Ohba, Hisao; Miyashita, Teruo; Morita, Akira; and Takahashi, Masahiro, 4,533,444, Cl. 204-129.430.

Takahashi, Masami: *See—*

Shibuya, Yoshimichi; Takahashi, Masami; and Ishibashi, Tadashi, 4,540,242, Cl. 350-335.000.

Takahashi, Masanori; and Tateishi, Terutaka, to Fujitsu Limited. Error processing system using two different types of replace logic. 4,507,729, 3-26-85, Cl. 364-200.000.

Takahashi, Masao: *See—*

Ida, Jinsei; Hagimoto, Yosio; Takahashi, Masao; and Azuma, Saburo, 4,494,282, Cl. 29-33.00P.

Shiba, Kazuo; Takahashi, Masao; Kanai, Akira; and Koizumi, Kouichi, 4,504,048, Cl. 269-71.000.

Takeuchi, Fumio; Takahashi, Masao; Hattori, Katsuhide; and Sakai, Hiroshi, 4,534,809, Cl. 149-3.000.

Takeuchi, Fumio; Takahashi, Masao; and Sakai, Hiroshi, 4,547,234, Cl. 149-3.000.

Takahashi, Masaru, to Mitsubishi Denki Kabushiki Kaisha. Control center having cabinet with improved lateral strength and safety. 4,502,097, 2-26-85, Cl. 361-342.000.

Takahashi, Masashi; and Yamada, Minoru, to Nihon Sanso Kabushiki Kaisha; and Yamada, Minoru. Method and apparatus for producing vortex rings of a gas in a liquid. 4,534,914, 8-13-85, Cl. 261-64.00B.

Takahashi, Masayoshi: *See—*

Eguchi, Yasukata; Nomoto, Reishi; and Takahashi, Masayoshi, 4,527,564, Cl. 128-339.000.

Nomoto, Reishi; Takahashi, Masayoshi; and Ebata, Yoshikazu, 4,553,544, Cl. 128-340.000.

Takahashi, Michio: *See—*

Sugimoto, Noboru; Matsumoto, Yoshio; Takahashi, Michio; Kohno, Michinaga; and Sakaue, Shiyuki, 4,507,046, Cl. 414-735.000.

Takahashi, Mikio: *See—*

Nojima, Kazuhiro; Fujimoto, Hiroyuki; and Takahashi, Mikio, 4,515,833, Cl. 427-362.000.

Takahashi, Mikoto: *See—*

Omura, Takashi; Takahashi, Mikoto; Harada, Naoki; and Takeshita, Akira, 4,505,714, Cl. 8-549.000.

Takahashi, Mineo: *See—*

Tanikawa, Minoru; Imaizumi, Yutaka; Suzuki, Masami; Aiba, Kazumi; Sato, Minoru; and Takahashi, Mineo, 4,550,480, Cl. 29-156.40R.

Takahashi, Minoru, to TDK Corporation. LC-switched transistor oscillator for vibrator excitation. 4,510,464, 4-9-85, Cl. 331-116.00R.

Takahashi, Mitsuharu: *See—*

Shibayama, Tooru; Kajiya, Hiroshi, and Takahashi, Mitsuharu, 4,501,224, Cl. 118-697.000.

Takahashi, Motohiko: *See—*

Nakane, Masao; Takahashi, Motohiko; and Ogawa, Takaki, 4,511,974, Cl. 364-463.000.

Takahashi, Naoki, to Kabushiki Kaisha Ishida Koki Seisakusho. Printer comprising spring biased print head and roller platen 4,560,292, 12-24-85, Cl. 400-59.000.

Takahashi, Naoyuki: *See—*

Kamimura, Yoshihiko; Okamoto, Toshiro; Takahashi, Naoyuki; Makihara, Hiroshi; and Oshima, Michio, 4,520,224, Cl. 585-648.000.

Takahashi, Nobuaki; and Shibamoto, Takeshi, to Victor Company of Japan, Ltd. Video signal recording and/or reproducing system. 4,499,506, 2-12-85, Cl. 358-343.000.

Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; and Tanaka, Koji, to Victor Company of Japan, Ltd. Digital signal recording system and reproducing apparatus. 4,513,327, 4-23-85, Cl. 358-310.000.

Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, to Victor Company of Japan, Ltd. Digital video signal recording system and reproducing apparatus. 4,520,401, 5-28-85, Cl. 358-310.000.

Takahashi, Nobuaki: *See—*
- Masuda, Isao; Takahashi, Nobuaki; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Ueno, Shoji, 4,516,163, Cl. 360-32.000.
- Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, 4,561,083, Cl. 369-59.000.

Takahashi, Nobuo: *See—*
- Watanabe, Shotaro; Tomono, Makoto; Yamakawa, Goichi; Nishimura, Takeo; and Takahashi, Nobuo, 4,518,674, Cl. 430-108.000.

Takahashi, Noriko: *See—*
- Ishikawa, Masayuki; Azuma, Hiroshi; Sugimoto, Akiko; Takahashi, Noriko; and Takashima, Yoshimi, 4,517,189, Cl. 514-259.000.

Takahashi, Norimichi: *See—*
- Kitazawa, Toshiyuki; Morisawa, Tahei; and Takahashi, Norimichi, 4,560,264, Cl. 354-219.000.
- Takaoka, Yukio; Morizumi, Masaaki; and Takahashi, Norimichi, 4,525,046, Cl. 354-149.110.

Takahashi, Norio: *See—*
- Iyori, Yusuke; and Takahashi, Norio, 4,543,343, Cl. 501-87.000.

Takahashi, Noriyoshi: *See—*
- Kitabayashi, Yukio; Takahashi, Noriyoshi; Watanabe, Masatoshi; Okuyama, Toshiaki; and Tanaka, Yoji, 4,503,377, Cl. 318-807.000.
- Kitabayashi, Yukio; Takahashi, Noriyoshi; Okuyama, Toshiaki; Watanabe, Masatoshi; and Ohura, Hitoshi, 4,562,397, Cl. 318-814.000.

Takahashi, Osamu; Yamamura, Nobuo; Mukunoki, Yasuo; Ogawa, Shungi; and Nakagawa, Yutaka, to Fuji Photo Film Co., Ltd. Process for preparing aqueous dispersion of pigment. 4,500,362, 2-19-85, Cl. 106-309.000.

Takahashi, Osamu; and Tanaka, Mitsugu, to Fuji Photo Film Co., Ltd. Photographic element for color diffusion transfer process containing hydroquinone sulfonates. 4,533,622, 8-6-85, Cl. 430-218.000.

Takahashi, Osamu: *See—*
- Nanjo, Hirotoshi; Satou, Hiroo; and Takahashi, Osamu, 4,520,778, Cl. 123-352.000.
- Okamura, Hisashi; Sakaguchi, Shinji; Takahashi, Osamu; and Murai, Ashita, 4,511,644, Cl. 430-219.000.
- Toya, Ichizo; and Takahashi, Osamu, 4,542,092, Cl. 430-510.000.

Takahashi, Reijiro: *See—*
- Ito, Tosikazu; and Takahashi, Reijiro, 4,513,808, Cl. 165-43.000.

Takahashi, Ryo: *See—*
- Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.

Takahashi, Ryousuke: *See—*
- Ueda, Masanori; Takahashi, Ryousuke; and Takeuchi, Hidemaro, 4,494,998, Cl. 148-2.000.

Takahashi, Sadahiro: *See—*
- Yagi, Eiji; Kobari, Yuji; and Takahashi, Sadahiro, 4,518,055, Cl. 180-142.000.

Takahashi, Sadatoshi; Tsuji, Sadahiko; Tajima, Akira; Asano, Toshiaki; and Minami, Setsuo, to Canon Kabushiki Kaisha. Zoom objective. 4,515,446, 5-7-85, Cl. 350-427.000.

Takahashi, Sadatoshi; and Tateoka, Masamichi, to Canon Kabushiki Kaisha. Uniform speed scanning lens having a high resolving power. 4,527,858, 7-9-85, Cl. 350-6.800.

Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, to NEC Corporation. Multilayer electrostrictive element which withstands repeated application of pulses. 4,523,121, 6-11-85, Cl. 310-334.000.

Takahashi, Sankichi: *See—*
- Okouchi, Isao; Takahashi, Sankichi; Izumi, Kenkichi; Miyai, Masahiko; and Otake, Katsumoto, 4,543,188, Cl. 210-304.000.

Takahashi, Seigo: *See—*
- Nishina, Shingo; Takahashi, Seigo; and Ohtani, Shigeru, 4,492,034, Cl. 33-170.000.

Takahashi, Seikichi: *See—*
- Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.
- Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.

Takahashi, Shinji: *See—*
- Kawarabashi, Tsukasa; and Takahashi, Shinji, 4,541,578, Cl. 242-35.50A.

Takahashi, Shinobu: *See—*
- Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.

Takahashi, Shiro, to Sony Corporation. Sliding member. 4,523,245, 6-11-85, Cl. 360-130.210.

Takahashi, Shiro, to Nitto Kohki Co., Ltd. Drilling machine. 4,555,203, 11-26-85, Cl. 408-119.000.

Takahashi, Shuichi; Kondo, Mitsuru; and Yuasa, Kazuhiro, to Ricoh Company, Ltd. Image signal processing with a variable threshold. 4,539,600, 9-3-85, Cl. 358-282.000.

Takahashi, Shuichi: *See—*
- Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.
- Yuasa, Kazuhiro; Takahashi, Shuichi; and Kondo, Mitsuru, 4,496,987, Cl. 358-283.000.

Takahashi, Shunetsu, to Epson Corporation. Mechanism for selecting pen in an X-Y plotter. 4,533,924, 8-6-85, Cl. 346-49.000.

Takahashi, Shuzou; and Toda, Hiroaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Gas-insulated bushing. 4,523,052, 6-11-85, Cl. 174-16.0BH.

Takahashi, Sumio: *See—*
- Kushida, Hideo; Takahashi, Sumio; and Koshio, Shuichi, 4,501,781, Cl. 428-35.000.

Takahashi, Susumu, to Olympus Optical Co., Ltd. Illuminating optical system for endoscopes. 4,500,181, 2-19-85, Cl. 350-574.000.

Takahashi, Susumu, to Niigata Engineering Co., Ltd. Emergency disconnector for fluid loading and unloading lines. 4,512,369, 4-23-85, Cl. 137-614.040.

Takahashi, Susumu, to Niigata Engineering Co., Ltd. Emergency disconnector for fluid loading and unloading lines. 4,519,411, 5-28-85, Cl. 137-68.00R.

Takahashi, Susumu: *See—*
- Miyazaki, Masaru; Takahashi, Susumu; Kohashi, Takahiro; and Ueyanagi, Kiichi, 4,561,169, Cl. 29-571.000.
- Shishido, Yoshio; Nishigaki, Shinichi; Kato, Shinichi; Matsuo, Kazumasa; Miyazaki, Atsushi; Takahashi, Susumu; Nakamura, Takeaki; and Ishikawa, Akibumi, 4,556,787, Cl. 250-201.000.
- Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,519,690, Cl. 354-324.000.
- Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,559,295, Cl. 430-325.000.
- Ueyanagi, Kiichi; Takahashi, Susumu; Umemoto, Yasunari; and Nakamura, Michiharu, 4,503,599, Cl. 29-571.000.
- Ueyanagi, Kiichi; Umemoto, Yasunari; Takahashi, Susumu; and Nakamura, Michiharu, 4,546,540, Cl. 29-579.000.

Takahashi, Tadashi: *See—*
- Hayashida, Hiroshi; Takahashi, Tadashi; and Miyashita, Kunio, 4,558,265, Cl. 318-561.000.
- Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.

Takahashi, Takao: *See—*
- Machida, Yukihiko; Nakano, Kenji; and Takahashi, Takao, 4,551,771, Cl. 360-19.100.
- Nakano, Kenji; Takahashi, Takao; Moriwaki, Hisayoshi; and Shimada, Keiichiro, 4,533,963, Cl. 360-19.100.
- Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,549,229, Cl. 360-8.000.
- Onishi, Kimimasa; Takahashi, Takao; and Koriyama, Masayuki, 4,516,610, Cl. 139-435.000.
- Yoneyama, Shigeyuki; Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, 4,542,418, Cl. 360-19.100.

Takahashi, Takashi: *See—*
- Imai, Motomasa; Takahashi, Takashi; Furukawa, Osamu; and Kanai, Hideyuki, 4,516,105, Cl. 338-21.000.
- Kanai, Hideyuki; Furukawa, Osamu; Imai, Motomasa; and Takahashi, Takashi, 4,527,146, Cl. 338-20.000.
- Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; and Furukawa, Osamu, 4,535,314, Cl. 338-21.000.
- Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.
- Yamashita, Youhachi; Takahashi, Takashi; and Harata, Mituo, 4,544,644, Cl. 501-134.000.

Takahashi, Takehiko: *See—*
- Nakamura, Hiromi; Takahashi, Takehiko; Narazaki, Norio; Yamamoto, Kazuo; and Sayama, Norio, 4,537,023, Cl. 60-39.050.

Takahashi, Takeo; Shimago, Kozo; and Maeshima, Kaoru, to Sumitomo Chemical Company, Limited. Process for preparing biotin. 4,537,973, 8-27-85, Cl. 548-303.000.

Takahashi, Takeshi: *See—*
- Fujiya, Sigeru; Tsubaki, Tohru; Amano, Naoki; Yaginuma, Kyuzi; Kayaba, Hitoshi; Aiko, Yoriyuki; and Takahashi, Takeshi, 4,503,481, Cl. 361-341.000.
- Yamaoka, Yukinori; and Takahashi, Takeshi, 4,535,383, Cl. 361-341.000.

Takahashi, Tastuo: *See—*
- Takakuwa, Shilo; Kobayashi, Isao; Takahashi, Tastuo; and Imamizu, Shige, 4,516,311, Cl. 29-568.000.

Takahashi, Tetsuro: *See—*
- Ishida, Kenichi; and Takahashi, Tetsuro, 4,510,668, Cl. 29-561.000.

Takahashi, Thuneo: *See—*
- Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.

Takahashi, Tohru; Tajima, Hatsuo; Shigenobu, Michio; and Washiyama, Shigemichi, to Canon Kabushiki Kaisha. Image fixing device utilizing a high frequency wave. 4,511,778, 4-16-85, Cl. 219-10.55A.

Takahashi, Tohru: *See*—

Kaneko, Shuzo; Tamura, Yasuyuki; and Takahashi, Tohru, 4,493,882, Cl. 430-97.000.

Tajima, Hatsuo; Takahashi, Tohru; and Hosono, Nagao, 4,538,896, Cl. 355-3.00R.

Takahashi, Tokuyuki: *See*—

Kuramochi, Koujiro; and Takahashi, Tokuyuki, 4,499,789, Cl. 74-740.000.

Takahashi, Tomohiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Recording apparatus. 4,511,904, 4-16-85, Cl. 346-134.000.

Takahashi, Tomohiko, to Kabushiki Kaisha Toshiba. Image forming device. 4,532,525, 7-30-85, Cl. 346-76.0PH.

Takahashi, Tomohiko: *See*—

Murakami, Reiji; Uchida, Kohachi; Nakatomi, Yoshitsugu; and Takahashi, Tomohiko, 4,506,972, Cl. 355-3.0DD.

Takahashi, Tomonori: *See*—

Matsui, Minoru; and Takahashi, Tomonori, 4,542,112, Cl. 501-120.000.

Matsui, Minoru; and Takahashi, Tomonori, 4,543,346, Cl. 501-120.000.

Takahashi, Toru; and Ueno, Takashi, to Nissan Motor Company, Limited. Method of feedback controlling engine idle speed. 4,492,195, 1-8-85, Cl. 123-339.000.

Takahashi, Toru, to Iwatsu Electric Co., Ltd. Cathode ray oscilloscope with a dual control knob assembly for easy zero level adjustment. 4,544,885, 10-1-85, Cl. 324-121.00R.

Takahashi, Toru: *See*—

Iwakura, Mitsuo; Takahashi, Toru; and Ono, Kensaku, 4,542,339, Cl. 324-121.00R.

Takahashi, Toshiaki: *See*—

Momose, Haruhiko; Takahashi, Toshiaki; Hoshino, Yasushi; Matsushima, Kohji; and Yagi, Michio, 4,541,702, Cl. 354-400.000.

Nishi, Shinichi; Satoh, Taxey; Shimada, Fumio; and Takahashi, Toshiaki, 4,536,471, Cl. 430-495.000.

Takahashi, Toshihiko, to Takenaka Engineering Co., Ltd. Optical system for intruder detecting device. 4,514,630, 4-30-85, Cl. 250-342.000.

Takahashi, Toshihiko: *See*—

Muroi, Katsumi; Yamamoto, Akio; Nakamura, Yoichi; Takahashi, Toshihiko; and Maruko, Morihisa, 4,559,060, Cl. 44-23.000.

Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, to Nisshin Flour Milling Co., Ltd. Isocarbostyril derivatives. 4,526,893, 7-2-85, Cl. 514-309.000.

Takahashi, Toshihiro: *See*—

Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, 4,514,573, Cl. 564-387.000.

Tahara, Yoshiyuki; Takahashi, Toshihiro; Koyama, Hiroyasu; Suzuki, Yoshikuni; and Yasuda, Masatoshi, 4,555,365, Cl. 260-404.000.

Takahashi, Toshikatsu; and Murata, Nobuo, to Fuji Xerox Co., Ltd. Original plate scanning device. 4,561,774, 12-31-85, Cl. 355-75.000.

Takahashi, Toshikatsu: *See*—

Ishitate, Yoshiyuki; and Takahashi, Toshikatsu, 4,545,674, Cl. 355-75.000.

Takahashi, Toshimitsu: *See*—

Tabata, Yasushi; Ogawa, Kimiaki; and Takahashi, Toshimitsu, 4,534,634, Cl. 354-268.000.

Takahashi, Toshinori: *See*—

Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.

Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.

Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, 4,549,201, Cl. 358-13.000.

Takahashi, Toshio, to Eisai Co., Ltd. Method of detecting foreign matters mixed in a liquid contained in transparent receptacles and apparatus relevant thereto. 4,492,475, 1-8-85, Cl. 356-427.000.

Takahashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. System for diagnosing a device of an internal combustion engine. 4,509,363, 4-9-85, Cl. 73-118.000.

Takahashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. System for diagnosing an internal combustion engine. 4,527,424, 7-9-85, Cl. 73-119.00A.

Takahashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. System for diagnosing an internal combustion engine. 4,534,214, 8-13-85, Cl. 73-118.000.

Takahashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. System for diagnosing an internal combustion engine. 4,546,646, 10-15-85, Cl. 73-117.300.

Takahashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. System for diagnosing an internal combustion engine. 4,546,647, 10-15-85, Cl. 73-118.000.

Takahashi, Toshio: *See*—

Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; and Takahashi, Toshio, 4,535,088, Cl. 514-370.000.

Takahashi, Toshiro: *See*—

Kobayashi, Hidetoshi; Takahashi, Toshiro; Hirano, Shigeo; Hirose, Takeshi; and Adachi, Keiichi, 4,518,682, Cl. 430-543.000.

Takahashi, Toshiyuki: *See*—

Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, 4,500,761, Cl. 200-84.00C.

Takahashi, Tsuneo: *See*—

Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,517,565, Cl. 340-995.000.

Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,521,777, Cl. 340-995.000.

Nakamura, Yukinobu; Tagami, Katsutoshi; and Takahashi, Tsuneo, 4,524,357, Cl. 340-995.000.

Tagami Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; Sugimura, Masao; and Takahashi, Fumitaka, 4,494,116, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,531,123, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,535,334, Cl. 340-995.000.

Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Sugimura, Masao, 4,535,335, Cl. 340-995.000.

Takahashi, Wataru: *See*—

Genji, Nobuo; Takahashi, Wataru; Nakamura, Masatatsu; and Kawai, Yoichi, 4,553,413, Cl. 68-12.00R.

Takahashi, Yasuo: *See*—

Ichikawa, Masashi; Takahashi, Yasuo; and Saito, Tohru, 4,561,561, Cl. 220-270.000.

Takahashi, Yasushi: *See*—

Nagano, Katsuyuki; Takahashi, Yasushi; Takasaki, Yoshitaka; and Tanaka, Mitsuo, 4,504,943, Cl. 370-79.000.

Yoshine, Hiroki; Takasaki, Yoshitaka; Takahashi, Yasushi; Yamada, Mitsuo; and Nagano, Katsuyuki, 4,503,546, Cl. 375-37.000.

Takahashi, Yoichi: *See*—

Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi; Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro, 4,556,619, Cl. 430-17.000.

Takahashi, Yoko: *See*—

Adachi, Takashi; Morimoto, Shigeo; Takahashi, Yoko; Watanabe, Yoshiaki; and Omura, Sadafumi, 4,496,717, Cl. 536-7.200.

Omura, Satoshi; Tanaka, Yoshitake; Iwai, Yuzuru; Takahashi, Yoko; and Nakagawa, Akira, 4,493,845, Cl. 424-279.000.

Takahashi, Yonosuke; Tachikawa, Hiromichi; Shinozaki, Fumiaki; and Ikeda, Tomoaki, to Fuji Photo Film Co., Ltd. Negative image forming process in o-quinone diazide layer utilizing laser beam. 4,544,627, 10-1-85, Cl. 430-325.000.

Takahashi, Yonosuke: *See*—

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,499,178, Cl. 430-495.000.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,500,889, Cl. 346-1.100.

Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, 4,529,991, Cl. 346-76.00L.

Takahashi, Yoshinobu, to Toyota Jidosha Kabushiki Kaisha. Electrode for cationic electrodeposition coating. 4,515,674, 5-7-85, Cl. 204-292.000.

Takahashi, Yoshio; and Shoji, Takeshi, to Mitsubishi Oil Company, Limited. Paper sizing agent comprised of reaction product of maleic anhydride and propylene oligomers. 4,514,544, 4-30-85, Cl. 525-327.400.

Takahashi, Yoshio: *See*—

Inaba, Shizuo; Sato, Kiyoshi; Takahashi, Yoshio; and Takahashi, Hideyuki, 4,539,670, Cl. 369-77.100.

Sakurai, Satoshi; Takahashi, Yoshio; and Abe, Kunio, 4,530,081, Cl. 369-75.200.

Umezawa, Hamao; Oono, Masaji; Ishihama, Hiroshi; Kyotani, Yoshinori; and Takahashi, Yoshio, 4,511,509, Cl. 260-239.00A.

Takahashi, Yoshitaka: *See*—

Hisatake, Michio; Yamamoto, Kazuji; Hyodo, Toru; and Takahashi, Yoshitaka, 4,524,309, Cl. 318-434.000.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; and Okujo, Takeshi, 4,491,477, Cl. 75-230.000.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi, 4,524,046, Cl. 419-8.000.

Takahashi, Yoshiteru; and Ogawa, Masataka, to Fuji Photo Film Co., Ltd. Disc type brushless motor. 4,551,645, 11-5-85, Cl. 310-46.000.

Takahashi, Yosuke: *See*—

Amemori, Koichi; Kawabe, Toshihiko; and Takahashi, Yosuke, 4,515,120, Cl. 123-368.000.

Amemori, Koichi; Takahashi, Yosuke; Miyazaki, Manabu; Tsukahara, Hiroaki; Kawabe, Toshihiko; and Banba, Toshio, 4,557,235, Cl. 123-367.000.

Takahashi, Yuichiro. Composition for improving strength of soft ground containing organic matter, and method of improving strength of soft ground by utilizing said composition. 4,540,316, 9-10-85, Cl. 405-264.000.

Takahashi, Yuji; Masaki, Hisaji; Adachi, Muneo; and Igarashi, Masaru, to Canon Kabushiki Kaisha. Collator having a transfer capability. 4,501,419, 2-26-85, Cl. 271-288.000.

Takahashi, Yuji, to Canon Kabushiki Kaisha. Recording apparatus. 4,541,711, 9-17-85, Cl. 355-14.00R.

Takahashi, Yuji, to Canon Kabushiki Kaisha. Sheet conveying device. 4,542,896, 9-24-85, Cl. 271-111.000.

Takahashi, Yukio: *See*—

Tobita, Tomoyuki; Yamamoto, Yoshimi; Nagasu, Akira; and Takahashi, Yukio, 4,546,653, Cl. 73-720.000.

Takahashi, Yukoh; Yachigo, Shinichi; and Ishii, Tamaki, to Sumitomo Chemical Company, Limited. Phosphorus-containing compounds,

their production and their use as antioxidants. 4,539,355, 9-3-85, Cl. 524-131.000.
- Takahashi, Yukoh; Terada, Yutaka; Yachigo, Shinichi; and Ishii, Tamaki, to Sumitomo Chemical Company, Limited. Production of bisphenol derivatives. 4,562,281, 12-31-85, Cl. 560-104.000.
- Takahashi, Yukoh: *See—*
  - Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, 4,507,417, Cl. 524-101.000.
  - Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, 4,511,491, Cl. 252-404.000.
  - Yachigo, Shinichi; Ishii, Tamaki; Takahashi, Yukoh; and Terada, Yutaka, 4,525,514, Cl. 524-291.000.
- Takahashi, Yutaka: *See—*
  - Sato, Ken; Takahashi, Yutaka; Tsukava, Takashi; Kato, Shinichi; and Hattori, Shinichiro, 4,561,429, Cl. 128-6.000.
  - Sugawara, Norio; Nawa, Motoyuki; and Takahashi, Yutaka, 4,556,172, Cl. 239-590.500.
- Takahasi, Kenichiro, to Hitachi, Ltd. Output control device for light detectors for photometers. 4,537,510, 8-27-85, Cl. 356-435.000.
- Takahasi, Toshinori: *See—*
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.
- Takahasi, Yasuie; and Haga, Shozi, to Toyota Jidosha Kabushiki Kaisha. Totally synchronized manual transmission units for use in a vehicle. 4,531,418, 7-30-85, Cl. 74-339.000.
- Takahaski, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, to Fujitsu Limited. Boosting circuit. 4,550,264, 10-29-85, Cl. 307-264.000.
- Takahata, Kei; Murasawa, Sadao; Ichida, Hiroshi; Okada, Mizuho; and Nakayama, Takao, to Ishihara Sangyo Kaisha, Ltd. Multicolor electrophotographic process using TiO_2. 4,525,441, 6-25-85, Cl. 430-46.000.
- Takahata, Kyoya: *See—*
  - Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.
  - Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.
- Takahata, Masaya: *See—*
  - Akiyama, Masaru; Yamada, Jotaro; and Takahata, Masaya, 4,548,774, Cl. 264-44.000.
- Takahata, Naomi: *See—*
  - Masuda, Shunichi; Furuichi, Katsushi; and Takahata, Naomi, 4,540,170, Cl. 271-259.000.
- Takahata, Satoru: *See—*
  - Kobayashi, Waichi; and Takahata, Satoru, 4,551,211, Cl. 204-37.600.
- Takahata, Shiro: *See—*
  - Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
- Takahata, Yoshiro, to Honda Denshi Giken Co., Ltd. Optical switch for an automatic door. 4,539,474, 9-3-85, Cl. 250-221.000.
- Takahori, Hiroyuki: *See—*
  - Nishioka, Akira; Kawanabe, Yoshihiro; Takahori, Hiroyuki; and Fujimoto, Hideki, 4,539,491, Cl. 307-297.000.
- Takai, Akira: *See—*
  - Nishimura, Hirofumi; Oda, Hiroyuki; Kaneko, Tadashi; Takai, Akira; and Takeuchi, Nobuo, 4,522,179, Cl. 123-481.000.
- Takai, Denei: *See—*
  - Sudo, Masatoshi; Hori, Hiromi; Iwai, Takafusa; Ohtomo, Akinori; and Takai, Denei, 4,501,626, Cl. 148-36.000.
- Takai, Kazuki; Hakumoto, Mitsuhiro; and Yamada, Yasuo, to Clarion Co., Ltd. Head shift mechanism. 4,525,756, 6-25-85, Cl. 360-75.000.
- Takai, Kazuki, to Clarion Co., Ltd. Pack guide mechanism. 4,539,610, 9-3-85, Cl. 360-93.000.
- Takai, Kazuki: *See—*
  - Ito, Yukio; Takai, Kazuki; and Takagi, Satoshi, 4,523,241, Cl. 360-105.000.
  - Itoh, Yukio; Takai, Kazuki; and Takagi, Satoshi, 4,519,269, Cl. 74-483.00R.
  - Yamaguchi, Katsumi; Takai, Kazuki; and Okada, Hitoshi, 4,511,940, Cl. 360-96.600.
- Takai, Mitsuo: *See—*
  - Tanahashi, Takashi; Takai, Mitsuo; and Uemura, Masahito, 4,559,651, Cl. 4-443.000.
- Takai, Sakan; Iida, Takenori; and Kaneko, Keiichi, to Fujitsu Limited. Magnetic bubble memory system. 4,549,282, 10-22-85, Cl. 365-1.000.
- Takai, Toshiyuki: *See—*
  - Suzuki, Shigemasa; and Takai, Toshiyuki, 4,506,037, Cl. 521-82.000.
- Takai, Yoshihiro: *See—*
  - Sakura, Yasuhiro; Takai, Yoshihiro; and Suzuki, Michio, 4,500,893, Cl. 346-76.0PH.
- Takaichi, Tsuyoshi: *See—*
  - Kawamoto, Yoshifumi; Kawakami, Hiroshi; Kure, Tokuo; Tachi, Shinichi; Hashimoto, Norikazu; and Takaichi, Tsuyoshi, 4,529,476, Cl. 156-643.000.
- Takaishi, Hiroshi. Massager. 4,495,940, 1-29-85, Cl. 128-55.000.
- Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, to Kabushiki Kaisha Kobe Seiko Sho. Method and apparatus for produced stepped tubes. 4,534,199, 8-13-85, Cl. 72-276.000.
- Takaishi, Naotake; Inamoto, Yoshiaki; Urata, Kouichi; Kawano, Junichi; and Tsutsumi, Hisao, to Kao Soap Co., Ltd. 2,3-dialkoxypropyl glyceryl ether and its preparation process as well as cosmetic composition containing same. 4,504,464, 3-12-85, Cl. 424-63.000.
- Takaishi, Naotake; Takahashi, Hitoshi; and Inamoto, Yoshiaki, to Kao Corporation. 2-exo-hydroxy-endo-tricyclo[6.2.1.$0^{2,7}$]undecane. 4,533,770, 8-6-85, Cl. 568-817.000.
- Takaishi, Naotake: *See—*
  - Urata, Koichi; Takaishi, Naotake; Inamoto, Yoshiaki; and Suzuki, Yuji, 4,543,258, Cl. 514-772.000.
- Takaishi, Tatsuo: *See—*
  - Tateishi, Mataji; Kunimoto, Etsuo; and Takaishi, Tatsuo, 4,526,151, Cl. 123-468.000.
- Takaishi, Tatsuyuki: *See—*
  - Kagiyama, Tsutomu; and Takaishi, Tatsuyuki, 4,520,914, Cl. 192-71.000.
  - Moriya, Masaichi; Takaishi, Tatsuyuki; Mochida, Haruo; and Takeda, Yoshimitsu, 4,530,185, Cl. 49-280.000.
- Takaji Kogya Kabushiki Kaisha: *See—*
  - Takayama, Chitoshi; Hirao, Hideo; Yokouchi, Hideya; and Iida, Teruhiko, 4,494,159, Cl. 360-78.000.
- Takajo, Shigeaki, to Kawasaki Steel Corporation. Alloy steel powder for high strength sintered parts. 4,561,893, 12-31-85, Cl. 75-251.000.
- Takajoh, Toshi: *See—*
  - Izumitani, Tetsuro; Takajoh, Toshi; and Kinjo, Iwao, 4,549,895, Cl. 65-134.000.
- Takaki, Akira; and Hosoi, Hideki, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Graft copolymer useful as reinforcements for vinyl chloride polymers and process for preparing the same. 4,508,876, 4-2-85, Cl. 525-310.000.
- Takaki, Hideki; Hayashi, Hiroshi; Ono, Shigetoshi; and Okamura, Hisashi, to Fuji Photo Film Co., Ltd. Diffusion transfer photographic elements with polymer grafted pigment. 4,506,002, 3-19-85, Cl. 430-215.000.
- Takaki, Masamitsu: *See—*
  - Tatematsu, Hiroyuki; Kusakabe, Haruhiko; Takaki, Masamitsu; Kojima, Gendai; and Miyamoto, Sigeru, 4,531,555, Cl. 139-429.000.
- Takaku, Hiroshi; and Noda, Takeshi, to Sankyo Chemical Company, Limited. Process for the synthesis of 4′,5′-unsaturated nucleosides. 4,552,955, 11-12-85, Cl. 536-24.000.
- Takaku, Kazuo; Naruse, Akisuke; Fujimoto, Hirotsugu; and Kimura, Hiroshi, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Rail apparatus around nuclear reactor pressure vessel and method of installing the same. 4,518,560, 5-21-85, Cl. 376-245.000.
- Takaku, Kazuo: *See—*
  - Kajiyama, Shigeru; Takaku, Kazuo; Naruse, Akisuke; and Akasu, Akira, 4,531,663, Cl. 228-29.000.
- Takaku, Masaaki: *See—*
  - Tsuneno, Tatsuro; and Takaku, Masaaki, 4,515,725, Cl. 260-410.700.
- Takakura, Yutaka: *See—*
  - Ueda, Akiyoshi; Nagasaki, Humiko; Takakura, Yutaka; and Kojima, Shigeru, 4,532,363, Cl. 568-424.000.
- Takakuwa, Eiji; Shimizu, Kouichi; and Kondo, Masahiro, to Nippondenso Co., Ltd. Optimum ignition and A/F control for internal-combustion engine. 4,502,442, 3-5-85, Cl. 123-417.000.
- Takakuwa, Sadao: *See—*
  - Tanaka, Motomu; Osuka, Masanari; Kuri, Takeshi; and Takakuwa, Sadao, 4,518,764, Cl. 528-271.000.
- Takakuwa, Shilo; Kobayashi, Isao; Takahashi, Tastuo; and Imamizu, Shige, to Kabushiki Kaisha Miyano Tekkosho. Machining centers. 4,516,311, 5-14-85, Cl. 29-568.000.
- Takalo, Pasi: *See—*
  - Kylmanen, Pasi; and Takalo, Pasi, 4,536,120, Cl. 414-173.000.
- Takama, Kenichirou: *See—*
  - Oishi, Kiyohiko; Ishida, Yasuhiko; and Takama, Kenichirou, 4,538,412, Cl. 60-288.000.
  - Oishi, Kiyohiko; Kobashi, Kiyoshi; and Takama, Kenichirou, 4,549,398, Cl. 60-286.000.
- Takamatsu Electric Works, Ltd.: *See—*
  - Ishigure, Masao; Ota, Mitsuo; Takaoka, Naotoshi; and Kudomi, Mitsuharu, 4,559,530, Cl. 340-664.000.
  - Kato, Kazuaki; and Washizu, Tomio, 4,540,968, Cl. 337-31.000.
  - Kato, Kazuaki; and Nishi, Yuzo, 4,542,363, Cl. 337-31.000.
- Takamatsu, Hidetoshi: *See—*
  - Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.
- Takamatsu, Hiroshi: *See—*
  - Furukawa, Yoshimi; Sano, Shoichi; Takamatsu, Hiroshi; and Sato, Makoto, 4,553,768, Cl. 280-91.000.
  - Furukawa, Yoshimi; Sano, Shoichi; and Takamatsu, Hiroshi, 4,558,877, Cl. 280-91.000.
- Takamatsu, Iwao: *See—*
  - Hayashi, Hideo; Takamatsu, Iwao; and Nakai, Ikuo, 4,491,705, Cl. 200-147.00R.
- Takamatsu, Masanori: *See—*
  - Uno, Toshio; Takamatsu, Masanori; Iuchi, Koji; and Tsukamoto, Goro, 4,530,930, Cl. 514-312.000.
- Takamatsu, Ryoji, to Sony Corporation. Mode selecting mechanism for magnetic tape recording and/or reproducing apparatus. 4,527,210, 7-2-85, Cl. 360-105.000.
- Takamatsu, Satoru: *See—*
  - Chibata, Ichiro; Tosa, Tetsuya; and Takamatsu, Satoru, 4,526,867, Cl. 435-178.000.
- Takamatsu, Shuhei: *See—*
  - Fujimoto, Michitaro; Ohde, Hironori; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,520,201, Cl. 548-342.000.

- Fujimoto, Michitaro; Funazo, Giichi; Seki, Hirokazu; Takamatsu, Shuhei; and Sakai, Takeshi, 4,560,764, Cl. 548-190.000.

Takamatsu, Shuichi, to Daikin Kogyo Co., Ltd. Process for preparing 1,1,2-trifluoro-2-chloroethyl difluoromethyl ether. 4,504,686, 3-12-85, Cl. 568-684.000.

Takamatsu, Shunicti, to Itoki Kosakusho Co., Ltd. Article automatic storage and retrieval system. 4,515,508, 5-7-85, Cl. 414-280.000.

Takamatsu, Takashi; and Ohnuki, Tetsuo, to Tokyo Keiki Company, Ltd. Gerotor power steering apparatus with driven rotary sleeve valve. 4,514,152, 4-30-85, Cl. 418-61.00B.

Takamatsu, Takeshi: *See—*
- Hattori, Shinichiro; Hosoda, Seiichi; and Takamatsu, Takeshi, 4,524,761, Cl. 128-6.000.

Takamatsu, Takeshi, deceased: *See—*
- Tsukaya, Takashi; and Takamatsu, Takeshi, deceased, 4,503,841, Cl. 128-4.000.

Takamatsu, Tokuyuki, legal representative: *See—*
- Tsukaya, Takashi; and Takamatsu, Takeshi, deceased, 4,503,841, Cl. 128-4.000.

Takamatsu, Toshiaki; Funada, Fumiaki; Yasuda, Shuhei; and Matsuura, Masataka, to Sharp Kabushiki Kaisha. Electronic component with plurality of terminals thereon. 4,509,099, 4-2-85, Cl. 361-413.000.

Takamatsu, Toshiaki; and Nonomura, Keisaku, to Sharp Kabushiki Kaisha. Curved electrode pattern in a liquid crystal color display cell. 4,511,217, 4-16-85, Cl. 350-336.000.

Takamatsu, Toshiaki; Funada, Fumiaki; Ishii, Yutaka; and Wada, Tomio, to Sharp Kabushiki Kaisha. Seal for dynamic scattering-twisted nematic liquid crystal display. 4,536,060, 8-20-85, Cl. 350-343.000.

Takamatsu, Toshiaki: *See—*
- Funada, Fumiaki; Takamatsu, Toshiaki; Yasuda, Shuuhei; and Matsuura, Masataka, 4,549,174, Cl. 340-784.000.
- Ishii, Yutaka; Funada, Fumiaki; Takamatsu, Toshiaki; and Tomio, Wada, 4,553,821, Cl. 350-339.00R.

Takamatsu, Yoshikazu: *See—*
- Kondo, Hiroshi; Nadamoto, Hiroyasu; and Takamatsu, Yoshikazu, 4,557,324, Cl. 165-174.000.

Takami, Akio; Matsuura, Toshitaka; Tanaka, Kazutoshi; and Sekiya, Toshifumi, to NGK Spark Plug Co., Ltd. Metal-ceramic bonded material. 4,532,179, 7-30-85, Cl. 428-335.000.

Takami, Akira, to Mitsubishi Denki Kabushiki Kaisha. Centrifugal spark-advance controlling device. 4,535,737, 8-20-85, Cl. 123-420.000.

Takami, Masaho, to Shoko Kiko Co., Ltd. Apparatus for regulating the tension of a strap in a package strapping machine. 4,559,767, 12-24-85, Cl. 53-589.000.

Takami, Osamu: *See—*
- Honda, Michitaka; and Takami, Osamu, 4,562,586, Cl. 378-108.000.

Takami, Satoshi; and Kuroki, Yoshifumi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Aperture value control device utilizing frequency signal from flash unit for camera. 4,521,094, 6-4-85, Cl. 354-423.000.

Takami, Toru: *See—*
- Ohashi, Hiroyuki; Ohara, Ikuo; and Takami, Toru, 4,499,076, Cl. 424-143.000.

Takami, Toshihiro; and Isobe, Masahiro, to Toyota Jidosha Kabushiki Kaisha. Sealing device for timing belt cover and engine mount bracket. 4,508,072, 4-2-85, Cl. 123-195.00C.

Takamisawa Electric Co., Ltd.: *See—*
- Fujii, Kunihisa; Tomono, Noboru; Watanabe, Hajime; and Miyakoshi, Yasushi, 4,516,099, Cl. 335-135.000.
- Fujii, Kunishisa; Yoshino, Kosei; and Nakazawa, Masami, 4,539,543, Cl. 335-281.000.

Takamiya, Bonnosuke: *See—*
- Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,519,273, Cl. 74-752.00A.
- Shimizu, Takeo; Hiramatsu, Takeo; Takamiya, Bonnosuke; and Fukuchi, Hiroshi, 4,558,612, Cl. 74-844.000.

Takamiya, Kikuzo; and Todoroki, Hiroshi, to Bridgestone Cycle Co., Ltd. Bicycle frame. 4,541,648, 9-17-85, Cl. 280-281.00R.

Takamiya, Sanshiro; Yoshizawa, Michisuke; and Suzuki, Akira, to Aisin Seiki Kabushiki Kaisha. Apparatus for driving medical appliances. 4,556,997, 12-10-85, Cl. 623-3.000.

Takamiya, Sanshiro: *See—*
- Suzuki, Akira; Oumi, Takeharu; Takamiya, Sanshiro; and Nakazawa, Hideo, 4,546,760, Cl. 128-1.00D.

Takamiya, Shigeo; and Furuta, Toshio, to Mitsui Kensetsu Kabushiki Kaisha. Shield machine. 4,558,906, 12-17-85, Cl. 299-31.000.

Takamiya, Takehisa: *See—*
- Katakabe, Noboru; Watanabe, Shuichi; Takamiya, Takehisa; Takase, Hiroaki; and Yoshii, Orio, 4,558,964, Cl. 400-144.100.

Takamiya, Yoshio: *See—*
- Suzuki, Kohji; Yoo, Hideo; and Takamiya, Yoshio, 4,502,780, Cl. 355-15.000.

Takamizawa, Hideo: *See—*
- Utsumi, Kazuaki; Shimada, Yuzo; Suzuki, Masanori; and Takamizawa, Hideo, 4,536,435, Cl. 428-209.000.

Takamizawa, Kinya, to Tokyo Shibaura Denki Kabushiki Kaisha. Ultrasonic diagnostic apparatus. 4,542,746, 9-24-85, Cl. 128-660.000.

Takamizawa, Masae; Kan, Shigenobu; and Mukainakano, Masato, to Honda Giken Kogyo Kabushiki Kaisha. Control lever assembly in a self-propelled lawn mower. 4,538,401, 9-3-85, Cl. 56-11.800.

Takamizawa, Minoru; Yamamoto, Akira; Ishihara, Toshinobu; and Ohshima, Mistuyoshi, to Shin-Etsu Chemical Co., Ltd. Poly(dimethylsilmethylene) methylacetylene compound and a method for the preparation thereof. 4,539,417, 9-3-85, Cl. 556-435.000.

Takamizawa, Minoru; Kobayashi, Taishi; Hayashida, Akira; and Takeda, Yoshihumi, to Shin-Etsu Chemical Co., Ltd. Organoborosilicon polymer and a method for the preparation thereof. 4,550,151, 10-29-85, Cl. 528-7.000.

Takamizawa, Minoru: *See—*
- Endo, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Ueno, Susumu, 4,532,150, Cl. 427-39.000.
- Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,492,681, Cl. 423-345.000.
- Endou, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Kobayashi, Taishi, 4,560,589, Cl. 427-249.000.

Takamori, Kazuo: *See—*
- Morishita, Tatsuo; Funakoshi, Fumio; Nakamura, Kenichi; and Takamori, Kazuo, 4,517,564, Cl. 340-825.690.

Takamoto, Kiichi: *See—*
- Omata, Fujio; and Takamoto, Kiichi, 4,550,258, Cl. 260-505.100.

Takamura, Koji; Ishii, Fumiaki; Nakajima, Yukio; Yabe, Hisao; Sasa, Hiroyuki; and Nakamura, Takeaki, to Olympus Optical Co., Ltd. Method of cleaning endoscope channels. 4,526,622, 7-2-85, Cl. 134-21.000.

Takamura, Koji: *See—*
- Ishii, Fumiaki; Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Takamura, Koji; and Nakamura, Takeaki, 4,526,623, Cl. 134-21.000.
- Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Ishii, Fumiaki; Takamura, Koji; and Nakamura, Takeaki, 4,525,220, Cl. 134-21.000.

Takamura, Kozo: *See—*
- Kondo, Ryoji; Takamura, Kozo; and Higuchi, Kanji, 4,540,910, Cl. 313-11.500.

Takamura, Masayuki; and Kurahashi, Kazuo, to Nippon Gakki Seizo Kabushiki Kaisha. Eyeglass-frame. 4,494,832, 1-22-85, Cl. 351-41.000.

Takamura, Masayuki; and Kurahashi, Kazuo, to Nippon Gakki Seizo Kabushiki Kaisha. Eyeglass-frame. 4,494,833, 1-22-85, Cl. 351-41.000.

Takamura, Toshiro; and Kakumu, Muneharu, to Brother Kogyo Kabushiki Kaisha; and Showa Seiki Kabushiki Kaisha. Key-holding structure of a keyboard with curved operating surface of keys. 4,560,844, 12-24-85, Cl. 200-5.00A.

Takamura, Toshiro; and Kakumu, Muneharu, to Brother Kogyo Kabushiki Kaisha; and Showa Seiki Kabushiki Kaisha. Keyboard. 4,560,845, 12-24-85, Cl. 200-5.00A.

Takamura, Yoshio; and Nakajima, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Multiple step-up rectifier circuit. 4,561,048, 12-24-85, Cl. 363-60.000.

Takamura, Yoshiyuki: *See—*
- Chino, Koichi; Kudo, Kazuhiko; Oda, Akira; Mura, Hideichi; and Takamura, Yoshiyuki, 4,526,713, Cl. 252-632.000.

Takanashi, Akihiro: *See—*
- Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, 4,504,726, Cl. 219-121.0LH.

Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, to Victor Company of Japan, Ltd. Thermal transfer printing employing a binder. 4,527,171, 7-2-85, Cl. 346-76.0PH.

Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, to Victor Company of Japan, Ltd. Apparatus and method for thermal ink transfer printing. 4,555,714, 11-26-85, Cl. 346-76.0PH.

Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, to Victor Company of Japan, Ltd. High resolution thermal ink transfer printer. 4,558,328, 12-10-85, Cl. 346-76.0PH.

Takanashi, Masami: *See—*
- Yashima, Michio; Komatsu, Akihiro; Takanashi, Masami; Hirose, Masashi; and Nakayama, Kengo, 4,508,944, Cl. 200-61.850.

Takanashi, Nobuyasu, to Terumo Corporation. Package for storage of medical container. 4,497,406, 2-5-85, Cl. 206-438.000.

Takanashi, Nobuyasu, to Terumo Kabushiki Kaisha. Package for storage of medical container. 4,537,305, 8-27-85, Cl. 206-438.000.

Takanashi, Shigeru: *See—*
- Kaiho, Shin-ichi; Mizuno, Koji; Hata, Shun-ichi; Koizumi, Masuo; Honda, Masamitsu; Murakami, Yasushi; Takanashi, Shigeru; and Shindo, Minoru, 4,507,309, Cl. 514-379.000.

Takanashi, Yukio: *See—*
- Nakayama, Shouji; Takanashi, Yukio; Higuchi, Toshiharu; and Yakabe, Touru, 4,524,296, Cl. 313-270.000.

Takano, Akira: *See—*
- Kubota, Hirotoshi; Takano, Akira; Arai, Isao; and Matsuzaka, Masayoshi, 4,501,397, Cl. 244-75.00R.

Takano, Eiji: *See—*
- Hasegawa, Shin-ich; Takano, Eiji; and Sekine, Masao, 4,505,882, Cl. 423-261.000.
- Tanaka, Shoichi; Tanaka, Yoshiharu; and Takano, Eiji, 4,501,691, Cl. 252-631.000.

Takano, Hiroji: *See—*
- Hara, Yoshihumi; Takano, Hiroji; Kabashima, Shoshi; and Hasegawa, Mikio, 4,524,507, Cl. 29-564.200.

Takano, Hiroshi, to Mitsuboshi Belting Ltd. Reinforced cog belt. 4,493,681, 1-15-85, Cl. 474-265.000.

Takano, Hiroshi; Yokoyama, Hiroshi; and Mizuno, Takahide, to Mitsuboshi Belting Ltd. Belt sleeve manufacturing method and apparatus. 4,510,113, 4-9-85, Cl. 264-257.000.

Takano, Hiroshi; and Shiinoki, Kunikatsu, to Mitsuboshi Belting Ltd. Reinforced drive belt structure. 4,555,241, 11-26-85, Cl. 474-261.000.

Takano, Isamu; and Ohta, Norihisa, to Nippon Electric Co., Ltd.; and Nippon Telegraph & Telephone Public Corporation. Negative feed-

back amplifier having GaAs FET's. 4,496,908, 1-29-85, Cl. 330-277.000.
Takano, Katsuhiro; Koma, Yoshishige; Hagiwara, Masaru; and Suzuki, Shintaro, to Kanto Denka Kogyo Co., Ltd. Ferromagnetic metallic powders useful for magnetic recording and processes for producing said metallic powders. 4,497,654, 2-5-85, Cl. 75-0.5AA.
Takano, Katuto, to Toei Optical Industries Co. Ltd. Focus adjusting device for binocular. 4,545,656, 10-8-85, Cl. 350-552.000.
Takano, Kazukiyo; and Koga, Keigi, to Hitachi, Ltd. Retail terminal. 4,493,037, 1-8-85, Cl. 364-405.000.
Takano, Masaharu: *See—*
  Ruest, Dennis A.; Takano, Masaharu; and Wolf, Lawrence R., 4,524,077, Cl. 514-557.000.
Takano, Masamitu: *See—*
  Matsunaga, Atsushi; Kusayanagi, Sampo; Takano, Masamitu; and Kato, Yutaka, 4,542,246, Cl. 585-6.600.
Takano, Masao, to Fuji Photo Film Co., Ltd. Method of and cassette for taking X-ray photograph. 4,521,904, 6-4-85, Cl. 378-185.000.
Takano, Masashi: *See—*
  Sawano, Kiyohito; Kouichi, Ryujiro; Oota, Hideaki; Takano, Masashi; and Moroe, Michio, 4,515,909, Cl. 523-102.000.
Takano, Motoharu; and Kushima, Keiichi, to Q. P. Corporation. Continuous sterilizing apparatus using hot water. 4,499,056, 2-12-85, Cl. 422-299.000.
Takano, Motoharu, to Kewpie Kabushiki Kaisha. Method and apparatus for cutting off top seal parts of containers made of synthetic resin. 4,538,489, 9-3-85, Cl. 82-71.000.
Takano, Motoharu; Sugimura, Masaru; Kushima, Keiichi; and Ezaki, Atae, to Q. P. Corporation. Sterilizer. 4,547,343, 10-15-85, Cl. 422-304.000.
Takano, Osamu; and Fujiwara, Koji, to Kabushiki Kaisha Takuma. Velocity controlling apparatus and method to be used with a stoker type burning apparatus. 4,519,323, 5-28-85, Cl. 110-281.000.
Takano, Sakuharu: *See—*
  Nishibori, Toshiki; Kita, Sumio; and Takano, Sakuharu, 4,518,159, Cl. 271-103.000.
Takano, Satoshi: *See—*
  Sato, Ken-ichi; Takano, Satoshi; and Miyazaki, Kenji, 4,556,609, Cl. 428-659.000.
  Sato, Kenichi; Takano, Satoshi; and Miyazaki, Kenji, 4,552,788, Cl. 427-374.500.
Takano, Seigo: *See—*
  Takiguchi, Kiyoaki; and Takano, Seigo, 4,535,895, Cl. 209-683.000.
Takano, Shigemasa: *See—*
  Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
Takano, Shouji, to Tokyo Shibaura Denki Kabushiki Kaisha. Image density detecting unit for image formation apparatus. 4,544,258, 10-1-85, Cl. 355-1.000.
Takano, Shouji: *See—*
  Miura, Kunihiko; Takano, Shouji; and Kimura, Masashi, 4,534,642, Cl. 355-14.00E.
Takano, Teruhisa; and Ueda, Shigeki, to Matsushita Electric Industrial Co., Ltd. Voice actuated heating apparatus. 4,506,142, 3-19-85, Cl. 219-490.000.
Takano, Teruhisa: *See—*
  Ueda, Shigeki; and Takano, Teruhisa, 4,513,189, Cl. 219-10.55B.
Takano, Toshio; and Mura, Shinichiro, to Fuji Jukogyo Kabushiki Kaisha. Parking lock mechanism for a shift lever. 4,493,403, 1-15-85, Cl. 192-4.00A.
Takano, Toshio; and Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha. Electro-magnetic clutch control system for automobiles. 4,494,639, 1-22-85, Cl. 192-0.052.
Takano, Toshio; and Sakakiyama, Ryuzo, to Fuji Jukogyo Kabushiki Kaisha. Control system for an electromagnetic clutch for automobiles. 4,515,257, 5-7-85, Cl. 192-0.075.
Takano, Toshio; and Kobayashi, Toshio, to Fuji Jukogyo Kabushiki Kaisha. Automatic transmission for automotive vehicles. 4,552,036, 11-12-85, Cl. 74-705.000.
Takano, Toshio, to Fuji Jukogyo Kabushiki Kaisha. Power transmission system for a four-wheel drive vehicle. 4,556,134, 12-3-85, Cl. 192-103.00F.
Takano, Tsunesuke, to Kabushiki Kaisha T AN T. Compact fuse block assembly. 4,544,907, 10-1-85, Cl. 337-262.000.
Takano, Yoshikazu: *See—*
  Nakamura, Kosei; and Takano, Yoshikazu, 4,534,686, Cl. 409-135.000.
Takano, Yoshiya, to Hitachi, Ltd. Fuel injection pump. 4,508,081, 4-2-85, Cl. 123-450.000.
Takano, Yoshiya; and Hoshi, Yoshikazu. Fuel injection pump. 4,517,946, 5-21-85, Cl. 123-450.000.
Takano, Yuuichi: *See—*
  Bessho, Hironori; Takano, Yuuichi; and Aoyama, Katsuhiko, 4,528,963, Cl. 123-491.000.
Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, to Sumitomo Chemical Company, Limited; and Sumitomo Rubber Industries, Ltd. Diene rubber composition, method of preparing the same and tire employing said composition. 4,537,936, 8-27-85, Cl. 525-236.000.
Takao, Hisashi, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Process for purifying aminosulfenylcarbamate derivatives. 4,532,339, 7-30-85, Cl. 549-470.000.
Takao, Hisashi, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Sulfenyl carbamate derivatives and insecticidal compositions containing the same. 4,540,708, 9-10-85, Cl. 514-469.000.
Takao Kawamura: *See—*
  Kawamura, Takao; and Yoshida, Masazumi, 4,491,626, Cl. 430-69.000.
Takao, Masayasu, to Q.P. Corporation; and Nitto Hogei Co., Ltd., a part interest. Refined fish oils and the process for production thereof. 4,554,107, 11-19-85, Cl. 260-421.000.
Takao, Mitsunori, to Nippondenso Co., Ltd. Method and apparatus for controlling internal combustion engines. 4,499,881, 2-19-85, Cl. 123-492.000.
Takao, Mitsunori; and Mizuno, Toshiaki, to Nippondenso Co., Ltd. Method and apparatus for controlling internal combustion engines. 4,508,075, 4-2-85, Cl. 123-339.000.
Takao, Mitsunori; and Kimura, Takahiko, to Nippondenso Co., Ltd. Idle operation control for internal combustion engines. 4,509,477, 4-9-85, Cl. 123-339.000.
Takao, Mitsunori; and Ban, Toshika, to Nippondenso Co., Ltd. A/D conversion period control for internal combustion engines. 4,510,569, 4-9-85, Cl. 364-431.120.
Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuji, to Nippondenso Co., Ltd. Air flow control apparatus for internal combustion engine. 4,522,176, 6-11-85, Cl. 123-339.000.
Takao, Mitsunori; and Kimura, Takahiko, to Nippondenso Co., Ltd. Closed-loop mixture controlled fuel injection system. 4,545,355, 10-8-85, Cl. 123-489.000.
Takao, Mitsunori; Kimura, Takahiko; and Hirabayashi, Yuzi, to Nippondenso Co., Ltd. Intake air amount control apparatus of internal combustion engine. 4,549,512, 10-29-85, Cl. 123-339.000.
Takao, Mitsunori; Kimura, Takahiko; and Omori, Norio, to Nippondenso Co., Ltd. Air-fuel ratio control for an exhaust gas recirculation engine. 4,553,518, 11-19-85, Cl. 123-478.000.
Takao, Seiji: *See—*
  Kobashi, Toshiyuki; and Takao, Seiji, 4,535,027, Cl. 428-364.000.
Takao, Shoichi: *See—*
  Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.
Takaoka, Akio: *See—*
  Ishikawa, Nobuo; and Takaoka, Akio, 4,540,524, Cl. 260-465.400.
  Ishikawa, Nobuo; and Takaoka, Akio, 4,552,694, Cl. 260-239.0BD.
Takaoka, Daizo, to Sanyo Electric Co., Ltd. Sunlight-into-energy conversion apparatus. 4,493,940, 1-15-85, Cl. 136-248.000.
Takaoka, Hideo: *See—*
  Yamaguchi, Isao; Sasamori, Yusuke; and Takaoka, Hideo, 4,561,770, Cl. 355-57.000.
Takaoka, Hiroshi; Furukawa, Toshiki; and Fukuda, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Load control system and method of combined cycle turbine plants. 4,532,761, 8-6-85, Cl. 60-39.130.
Takaoka, Hiroshi: *See—*
  Ishikawa, Nobumitsu; Takaoka, Hiroshi; and Fukuda, Hiroshi, 4,491,737, Cl. 290-40.00R.
Takaoka, Kazuhiko: *See—*
  Ishizuka, Kohei; Kita, Yasuhiro; Maeda, Narimichi; Koya, Masahiro; Takaoka, Kazuhiko; and Kokuryo, Yoshiro, 4,531,089, Cl. 324-99.00D.
Takaoka, Michio; Moutai, Tsuneaki; and Miura, Isao, to Fujikura Cable Works, Limited, The. Insulating paper sheet of synthetic resin flakes and natural fibers. 4,507,358, 3-26-85, Cl. 428-298.000.
Takaoka, Mutsuro: *See—*
  Shimizu, Kazuo; Masaoka, Yoshiji; and Takaoka, Mutsuro, 4,539,395, Cl. 528-425.000.
Takaoka, Naotoshi: *See—*
  Ishigure, Masao; Ota, Mitsuo; Takaoka, Naotoshi; and Kudomi, Mitsuharu, 4,559,530, Cl. 340-664.000.
Takaoka, Saburo; Naito, Ryuichi; Yokogawa, Fumihiko; and Ogawa, Youichi, to Pioneer Electronic Corporation. Digital modulation signal reading device. 4,540,897, 9-10-85, Cl. 307-268.000.
Takaoka, Shozo; and Hirasako, Akio, to Wakayama Iron Works, Ltd. Apparatus for clarifying and circulating hot air for heat-treating textile fabrics. 4,516,332, 5-14-85, Cl. 34-79.000.
Takaoka, Takashi; Mochizuki, Masahiko; Yamashita, Mitsuo; and Miura, Tadao, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical disk with narrow guide tracks. 4,517,668, 5-14-85, Cl. 369-111.000.
Takaoka, Yuichi: *See—*
  Shikama, Takashi; Yamamoto, Tomoyuki; and Takaoka, Yuichi, 4,504,817, Cl. 338-23.000.
Takaoka, Yukio; Morizumi, Masaaki; and Takahashi, Norimichi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Caseless camera. 4,525,046, 6-25-85, Cl. 354-149.110.
Takara Co., Ltd.: *See—*
  Matsuda, Takashi, 4,543,073, Cl. 446-230.000.
  Obara, Hiroyuki, 4,516,948, Cl. 446-95.000.
  Ohno, Kouzin, 4,530,670, Cl. 446-94.000.
  Satoh, Hirohisa, 4,545,777, Cl. 446-457.000.
  Terui, Masumi, 4,493,672, Cl. 446-464.000.
  Terui, Masumi, 4,496,330, Cl. 446-464.000.
Takara Company, New York, Inc.: *See—*
  Fujiyama, Kunio; Okamoto, Kei; and Yoshikawa, Noriyuki, 4,515,406, Cl. 297-409.000.
Takara Kogyo Co., Ltd.: *See—*
  Ueda, Yoshihiko, 4,556,487, Cl. 210-267.000.
Takara Nakajima Co., Ltd.: *See—*
  Taguchi, Mitsukuni, 4,531,913, Cl. 433-80.000.

- Takara Shuzo Co., Ltd.: *See—*
  - Sano, Susumu; Ikai, Katsushige; Kuroda, Hiroyuki; Nakamura, Teruya; Enomoto, Hiroshi; and Ezure, Yoji, 4,554,289, Cl. 514-450.000.
- Takasa, Kenji; and Nakamura, Masakatsu, to Asahi Kasei Kogyo Kabushiki Kaisha. Pressure-resistant paper vessel. 4,525,396, 6-25-85, Cl. 428-35.000.
- Takasago Electric Industry Co., Ltd.: *See—*
  - Hamano, Junichi, 4,560,161, Cl. 273-85.0CP.
- Takasago, Masahiro; Maeda, Takeshi; Uno, Motoo; and Mizoguchi, Yasumitsu, to Hitachi, Ltd. Optical information disc apparatus with autofocusing servo system. 4,542,491, 9-17-85, Cl. 369-45.000.
- Takasago, Masahiro: *See—*
  - Maeda, Takeshi; Mizoguchi, Yasumitsu; Takasago, Masahiro; Kaneda, Tokuya; and Tsunoda, Yoshito, 4,523,089, Cl. 250-205.000.
  - Maeda, Takeshi; Uno, Motoo; and Takasago, Masahiro, 4,541,083, Cl. 369-44.000.
  - Maeda, Takeshi; Takasago, Masahiro; and Tsunoda, Yoshito, 4,550,394, Cl. 369-46.000.
  - Maeda, Takeshi; Tsunoda, Yoshito; Huno, Takakazu; Takasago, Masahiro; and Mizoguchi, Yasumitsu, 4,554,652, Cl. 369-44.000.
- Takasago Perfumery Co., Ltd.: *See—*
  - Minagawa, Motoi, 4,499,620, Cl. 8-158.000.
  - Mitsuhashi, Shigeru; Kumobayashi, Hidenori; and Akutagawa, Susumu, 4,520,212, Cl. 568-875.000.
- Takasago USA, Inc.: *See—*
  - Harden, Theodore A., 4,512,933, Cl. 261-30.000.
- Takasaka, Masao: *See—*
  - Tsutsumikoshi, Shinobu; Goto, Akira; Murakami, Tsuyoshi; Takasaka, Masao; and Shinohara, Yoshiki, 4,535,869, Cl. 180-311.000.
- Takasaka, Yuko: *See—*
  - Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
- Takasaki, Junsuke; Sato, Hirotake; and Yasuda, Akira, to Kawasaki Steel Corporation. Method of manufacturing cold rolled steel sheets for extra deep drawing with an excellent press formability. 4,517,031, 5-14-85, Cl. 148-12.00C.
- Takasaki, Kanetake; Takagi, Mikio; and Koyama, Kenji, to Fujitsu Limited. Process of producing a semiconductor device. 4,532,022, 7-30-85, Cl. 204-192.00D.
- Takasaki, Kanetake: *See—*
  - Takagi, Mikio; Takasaki, Kanetake; and Koyama, Kenji, 4,539,068, Cl. 156-614.000.
- Takasaki, Kazuhiro: *See—*
  - Kimura, Toshihiro; Takasaki, Kazuhiro; Harima, Hiroshi; and Yoshioka, Yoshihiro, 4,532,298, Cl. 525-96.000.
- Takasaki, Kunihiko, to Takigen Seizou Co., Ltd. Door handle unit. 4,508,377, 4-2-85, Cl. 292-166.000.
- Takasaki, Kunihiko, to Takigen Seizou Co., Ltd. Handle device for doors. 4,546,628, 10-15-85, Cl. 70-92.000.
- Takasaki, Kunuhiko, to Takigen Seizou Co., Ltd. Lock for refrigerator or the like which can be unlocked from inside thereof. 4,547,008, 10-15-85, Cl. 292-341.150.
- Takasaki, Mitsuhiro: *See—*
  - Murakami, Hiroya; and Takasaki, Mitsuhiro, 4,543,071, Cl. 445-66.000.
- Takasaki, Shuichi, to Matsushita Electric Works, Ltd. Construction of a connection for flat cables. 4,551,579, 11-5-85, Cl. 174-88.00R.
- Takasaki, Yasufumi: *See—*
  - Fukui, Osamu; Inuizawa, Yoshihiro; Hinenoya, Saburo; and Takasaki, Yasufumi, 4,562,230, Cl. 525-74.000.
- Takasaki, Yoshitaka: *See—*
  - Nagano, Katsuyuki; Takahashi, Yasushi; Takasaki, Yoshitaka; and Tanaka, Mitsuo, 4,504,943, Cl. 370-79.000.
  - Yoshine, Hiroki; Takasaki, Yoshitaka; Takahashi, Yasushi; Yamada, Mitsuo; and Nagano, Katsuyuki, 4,503,546, Cl. 375-37.000.
- Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Process for liquefaction of starch. 4,529,696, 7-16-85, Cl. 435-99.000.
- Takasaki, Yoshiyuki: *See—*
  - Yamanobe, Takashi; Mitsuishi, Yasushi; and Takasaki, Yoshiyuki, 4,562,150, Cl. 435-99.000.
- Takasaki, Yukio: *See—*
  - Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,816, Cl. 313-366.000.
  - Kusano, Chushirou; Ishioka, Sachio; Imamura, Yoshinori; Takasaki, Yukio; Ogawa, Hirofumi; Makishima, Tatsuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,817, Cl. 313-371.000.
  - Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, 4,554,478, Cl. 313-366.000.
- Takasawa, Yoshio: *See—*
  - Yoshimoto, Takeo; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,497,828, Cl. 514-603.000.
  - Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,551,478, Cl. 514-603.000.
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- Takase, Hiroaki: *See—*
  - Katakabe, Noboru; Watanabe, Shuichi; Takamiya, Takehisa; Takase, Hiroaki; and Yoshii, Orio, 4,558,964, Cl. 400-144.100.
- Takase, Hiroshi: *See—*
  - Kurita, Hiroyuki; Kobayashi, Yuko; Dosaka, Shinichi; Kikuchi, Juro; Takase, Hiroshi; and Harada, Kenichi, 4,533,220, Cl. 350-507.000.
- Takase, Junji: *See—*
  - Mita, Tetsuo; Nakanishi, Hirotazu; Takase, Junji; Isayama, Katsuhiko; and Tani, Nobutaka, 4,507,469, Cl. 528-425.000.
- Takase, Muneaki: *See—*
  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,501,736, Cl. 424-195.000.
  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,528,188, Cl. 424-116.000.
- Takase, Sadao; and Hosaka, Akio, to Nissan Motor Company, Limited. Fuel injection control system. 4,495,923, 1-29-85, Cl. 123-478.000.
- Takase, Sadao; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, to Nissan Motor Company, Limited. Engine speed sensing device. 4,527,248, 7-2-85, Cl. 364-565.000.
- Takase, Sadao: *See—*
  - Ueno, Takashi; and Takase, Sadao, 4,495,924, Cl. 123-478.000.
- Takase, Shinji: *See—*
  - Inoue, Akira; Takase, Shinji; Sekido, Yasuo; Mori, Masao; and Kubo, Tatsuki, 4,508,849, Cl. 502-263.000.
- Takase, Toshio: *See—*
  - Watanabe, Masaru; Sakai, Toshihide; and Takase, Toshio, 4,517,882, Cl. 98-6.000.
- Takase, Yoshiyuki; Furuta, Ryuji; Kawata, Shigeo; Naruto, Shunsuke; Nakamura, Shinichi; and Minami, Akira, to Dainippon Pharmaceutical Co., Ltd. Glucosaminyl muramyl peptide derivatives. 4,545,932, 10-8-85, Cl. 260-112.50R.
- Takase, Yoshiyuki: *See—*
  - Yokogawa, Kanae; Kotani, Shozo; Kawata, Shigeo; and Takase, Yoshiyuki, 4,515,891, Cl. 435-69.000.
- Takashi, Morihiko: *See—*
  - Matsuda, Toshihiko; Takashi, Morihiko; and Yoshida, Mistuo, 4,507,693, Cl. 360-72.200.
- Takashi, Nishibe: *See—*
  - Shotaro, Yokoyama; and Takashi, Nishibe, 4,556,789, Cl. 250-206.000.
- Takashi, Takano: *See—*
  - Sasaki, Akihiko; Arai, Kouji; Takashi, Takano; and Namiki, Yasuomi, 4,520,405, Cl. 360-10.300.
- Takashi, Takuma: *See—*
  - Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, 4,519,839, Cl. 75-242.000.
- Takashi, Yokata: *See—*
  - Kaneko, Yutaka; and Takashi, Yokata, 4,494,130, Cl. 346-160.000.
- Takashima, Hiroaki: *See—*
  - Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Kato, Osamu, 4,521,294, Cl. 208-23.000.
  - Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Katoh, Osamu, 4,533,535, Cl. 423-447.400.
- Takashima, Hiroyuki: *See—*
  - Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, 4,512,368, Cl. 137-561.00A.
  - Kaminaka, Motofumi; Takashima, Hiroyuki; and Kaburagi, Katsuhiko, 4,523,530, Cl. 110-264.000.
- Takashima, Kohki: *See—*
  - Matsumoto, Kazuo; Takabe, Seiichi; and Takashima, Kohki, 4,535,089, Cl. 514-374.000.
- Takashima, Masaru. Method for the gunning of refractories. 4,541,971, 9-17-85, Cl. 264-30.000.
- Takashima, Masatake: *See—*
  - Fuse, Shigeru; Takashima, Masatake; Fukuda, Shinichiro; and Shibata, Hiroyuki, 4,542,412, Cl. 358-260.000.
- Takashima, Mitsuru: *See—*
  - Mori, Yoshihisa; Kobayashi, Hachisiro; and Takashima, Mitsuru, 4,493,071, Cl. 369-146.000.
  - Mori, Yoshihisa; and Takashima, Mitsuru, 4,547,874, Cl. 369-139.000.
- Takashima, Ryokichi; Goko, Nobuaki; Uehara, Yumito; Nishihara, Yasuhiro; and Yamamoto, Hidetoshi, to Mitsubishi Chemical Industries Limited. Process for continuously producing propylene-ethylene block copolymer. 4,492,787, 1-8-85, Cl. 525-53.000.
- Takashima, Seiichi: *See—*
  - Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; and Tanaka, Koji, 4,513,327, Cl. 358-310.000.
  - Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hirovuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.
- Takashima, Susumu; Kanke, Takao; Inagaki, Naoki; and Fukushima, Kazumasa, to Casio Computer Co., Ltd. LSP voice synthesizer. 4,541,111, 9-10-85, Cl. 381-51.000.
- Takashima, Toshiyuki: *See—*
  - Kondo, Kiyoshi; Takashima, Toshiyuki; and Tunemoto, Daiei, 4,526,987, Cl. 549-305.000.
- Takashima, Yoshie: *See—*
  - Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, 4,533,514, Cl. 376-308.000.
- Takashima, Yoshimi: *See—*
  - Ishikawa, Masayuki; Azuma, Hiroshi; Sugimoto, Akiko; Takahashi, Noriko; and Takashima, Yoshimi, 4,517,189, Cl. 514-259.000.

- Takashimaya Nippatsu Kogyo Co., Ltd.: *See—*
  - Kawamura, Reiki; Tanaka, Takuo; Asano, Toshio; and Sawada, Yasuhiro, 4,526,420, Cl. 297-218.000.
- Takasu, Hotoyuki: *See—*
  - Sekizaki, Satoshi; Hosoya, Eiji; and Takasu, Hotoyuki, 4,534,440, Cl. 180-215.000.
- Takasu, Ryo; and Nakao, Makoto, to Bridgestone Tire Company Limited. Method for controlling tire vulcanization. 4,517,146, 5-14-85, Cl. 264-40.600.
- Takasu, Shigeru: *See—*
  - Mori, Mitsuo; Suzuki, Yoshihisa; Muramatsu, Shigeru; and Takasu, Shigeru, 4,510,648, Cl. 19-266.000.
  - Suzuki, Yoshihisa; Yasui, Yoshiharu; and Takasu, Shigeru, 4,498,216, Cl. 19-244.000.
  - Suzuki, Yoshihisa; Yasui, Yoshiharu; Seiki, Kazuo; and Takasu, Shigeru, 4,513,481, Cl. 19-244.000.
- Takasu, Yasuhito: *See—*
  - Hosoe, Katsuharu; Takasu, Yasuhito; and Iwata, Toshiharu, 4,541,382, Cl. 123-425.000.
  - Inoue, Shingo; Iwata, Toshiharu; and Takasu, Yasuhito, 4,517,944, Cl. 123-425.000.
- Takasu, Yoshio: *See—*
  - Hiro, Masaaki; Takasu, Yoshio; Ishikawa, Shozo; Katagiri, Kazuharu; and Takahashi, Hideyuki, 4,551,404, Cl. 430-59.000.
  - Katagiri, Kazuharu; Oguchi, Yoshihiro; and Takasu, Yoshio, 4,548,886, Cl. 430-70.000.
- Takasugi, Hisashi: *See—*
  - Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,493,833, Cl. 424-246.000.
  - Takaya, Takao; Takasugi, Hisashi; Tsuji, Kiyoshi; and Chiba, Toshiyuki, 4,496,562, Cl. 514-207.000.
  - Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, 4,499,088, Cl. 514-202.000.
  - Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tsuji, Kiyoshi, 4,507,293, Cl. 516-226.000.
  - Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, 4,515,788, Cl. 514-202.000.
  - Takaya, Takao; Takasugi, Hisashi; Murata, Masayoshi; and Yoshioka, Akiteru, 4,529,802, Cl. 548-194.000.
  - Takaya, Takao; Inoue, Yoshikazu; Murata, Masayoshi; and Takasugi, Hisashi, 4,533,738, Cl. 548-194.000.
  - Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, 4,544,653, Cl. 514-202.000.
  - Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tozuka, Zenzaburo, 4,544,751, Cl. 548-127.000.
  - Takaya, Takao; Takasugi, Hisashi; Yamanaka, Hideaki; Miyai, Kenji; and Inoue, Yoshikazu, 4,546,101, Cl. 514-253.000.
  - Takaya, Takao; Takasugi, Hisashi; Masugi, Takashi; Yamanaka, Hideaki; and Kawabata, Kohji, 4,559,334, Cl. 514-202.000.
  - Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.
- Takasugi, Kazuhiko: *See—*
  - Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, 4,543,378, Cl. 524-100.000.
- Takasugi, Tsuneji: *See—*
  - Waki, Masahiko; Umezawa, Seiji; Takasugi, Tsuneji; Koide, Hiroshi; and Kasai, Takao, 4,496,248, Cl. 368-280.000.
- Takasugi, Wasao, to Hitachi, Ltd. Control circuit for controlling light source in optical disc device. 4,507,767, 3-26-85, Cl. 369-54.000.
- Takasugi, Yasufumi: *See—*
  - Kohmoto, Osamu; Takasugi, Yasufumi; Sugihara, Hiroshi; and Nishimatsu, Masaharu, 4,537,832, Cl. 428-216.000.
- Takata Corporation: *See—*
  - Takada, Juichiro, 4,521,034, Cl. 280-804.000.
- Takata, Harry H., to Ag-Chem Equipment Co., Inc. Liquid waste application system with sludge gun. 4,515,311, 5-7-85, Cl. 239-172.000.
- Takata, Harry H., to Ag-Chem Equipment Co., Inc. Modular low pressure strip spraying apparatus and system. 4,518,118, 5-21-85, Cl. 239-163.000.
- Takata Kogyo Co., Ltd.: *See—*
  - Takada, Juichiro, 4,502,710, Cl. 280-804.000.
- Takata, Mamoru: *See—*
  - Nakano, Jiro; Ishibashi, Takao; Akatsuka, Takao; and Takata, Mamoru, 4,561,402, Cl. 123-489.000.
- Takata, Manabu; Inoue, Shojiro; and Mori, Keiichi, to Matsushita Electric Industrial Co., Ltd. Cooker with heating control system. 4,492,336, 1-8-85, Cl. 236-20.00A.
- Takata, Masahiro: *See—*
  - Sato, Takahisa; Takata, Masahiro; Ueshima, Michio; and Nagai, Isao, 4,537,874, Cl. 502-311.000.
- Takata, Minoru: *See—*
  - Matsuo, Kenji; and Takata, Minoru, 4,527,076, Cl. 307-362.000.
- Takata, Naoto: *See—*
  - Kanazawa, Hirotaka; Takatani, Teruhiko; and Takata, Naoto, 4,552,239, Cl. 180-140.000.
- Takata, Satoru: *See—*
  - Miura, Shigetaka; Igawa, Junichi; and Takata, Satoru, 4,496,902, Cl. 324-150.000.
- Takata, Terasu; and Inoue, Haruo, to Ogura Clutch Co. Ltd. Power transmission device easy to mount on a driver. 4,538,711, 9-3-85, Cl. 192-18.00R.
- Takata, Yoshinori: *See—*
  - Karasawa, Yoshiharu; and Takata, Yoshinori, 4,547,280, Cl. 204-403.000.
- Takata, Yukito: *See—*
  - Ito, Kathuhiko; Sugii, Hiroshi; Takata, Yukito; and Kokubu, Kyoichiro, 4,526,765, Cl. 423-306.000.
- Takatani, Teruhiko: *See—*
  - Kanazawa, Hirotaka; Takatani, Teruhiko; and Takata, Naoto, 4,552,239, Cl. 180-140.000.
- Takatori, Hiroshi; and Suzuki, Toshiro, to Hitachi, Ltd. Line equalizer. 4,500,999, 2-19-85, Cl. 375-16.000.
- Takatori Machinery Mfg. Co., Ltd.: *See—*
  - Horita, Teruyuki; and Kawamura, Keiji, 4,541,351, Cl. 112-262.200.
- Takatori Machinery Works Ltd.: *See—*
  - Nishikawa, Masao; and Ashida, Takahiro, 4,543,768, Cl. 53-117.000.
- Takatori, Yasushi; Yano, Yasuhiro; and Hattori, Yoshifumi, to Canon Kabushiki Kaisha. Liquid jet recording device. 4,499,480, 2-12-85, Cl. 346-140.00R.
- Takatori, Yasushi: *See—*
  - Ayata, Naoki; Shirato, Yoshiaki; Takatori, Yasushi; and Seki, Mitsuaki, 4,520,373, Cl. 346-140.00R.
- Takats, Gilbert; and Dumay, Gerald, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Apparatus for the control and monitoring of power supply sources for data processing systems. 4,495,568, 1-22-85, Cl. 364-200.000.
- Takatsu, Haruyoshi; and Sato, Hisato, to Dainippon Ink and Chemicals, Inc. Nematic liquid crystalline compounds. 4,558,151, 12-10-85, Cl. 560-118.000.
- Takawashi, Tamio; Sakakibara, Toshimitsu; and Yamada, Shigeo, to Mitsubishi Denki Kabushiki Kaisha. Electrospark machining control device. 4,554,428, 11-19-85, Cl. 219-69.00G.
- Takaya, Haruo: *See—*
  - Okado, Hideo; Hashimoto, Kazuo; Kawamura, Kichinari; Yamazaki, Yasuyoshi; and Takaya, Haruo, 4,544,793, Cl. 585-640.000.
- Takaya, Katsuhiko: *See—*
  - Sakurai, Hisaya; Ikegami, Tadashi; Miya, Masayoshi; and Takaya, Katsuhiko, 4,526,941, Cl. 526-127.000.
- Takaya, Matsuhiko: *See—*
  - Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,545,070, Cl. 382-48.000.
  - Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,555,801, Cl. 382-44.000.
- Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, to Fujisawa Pharmaceutical Co., Ltd. Aminoglycoside derivatives. 4,493,831, 1-15-85, Cl. 424-180.000.
- Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, to Fujisawa Pharmaceutical Co., Ltd. Syn-isomer of 3,7-disubstituted-3-cephem-4-carboxylic acid compounds. 4,493,833, 1-15-85, Cl. 424-246.000.
- Takaya, Takao; Inoue, Yoshikazu; Yasuda, Nobuyoshi; and Murata, Masayoshi, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds. 4,493,834, 1-15-85, Cl. 424-246.000.
- Takaya, Takao; Takasugi, Hisashi; Tsuji, Kiyoshi; and Chiba, Toshiyuki, to Fujisawa Pharmaceutical Co., Ltd. 7-substituted-3-cephem-4-carboxylic acid esters. 4,496,562, 1-29-85, Cl. 514-207.000.
- Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds. 4,499,088, 2-12-85, Cl. 514-202.000.
- Takaya, Takao; Masugi, Takashi; Ogino, Takashi; and Tsuji, Kiyoshi, to Fujisawa Pharmaceutical Co., Ltd. Thiinyl and oxothiolyl derivatives. 4,500,709, 2-19-85, Cl. 544-58.100.
- Takaya, Takao; Tsutsumi, Hideo; Yasuda, Nobuyuki; and Matsuda, Keiji, to Fujisawa Pharmaceutical Co., Ltd. 1,4-diaminocyclitol derivatives. 4,504,472, 3-12-85, Cl. 514-36.000.
- Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tsuji, Kiyoshi, to Fujisawa Pharmaceutical Co., Ltd. Antimicrobial cephem compounds. 4,507,293, 3-26-85, Cl. 516-226.000.
- Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds. 4,515,788, 5-7-85, Cl. 514-202.000.
- Takaya, Takao; Takasugi, Hisashi; Murata, Masayoshi; and Yoshioka, Akiteru, to Fujisawa Pharmaceutical Co., Ltd. Intermediates for preparing new cephem compounds. 4,529,802, 7-16-85, Cl. 548-194.000.
- Takaya, Takao; Inoue, Yoshikazu; Murata, Masayoshi; and Takasugi, Hisashi, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds and processes for preparation thereof. 4,533,738, 8-6-85, Cl. 548-194.000.
- Takaya, Takao; Masugi, Takashi; Takasugi, Hisashi; and Kochi, Hiromu, to Fujisawa Pharmaceutical Co., Ltd. Syn-isomer of 3,7-disubstituted-3-cephem-4-carboxylic acid compounds and processes for the preparation thereof. 4,544,653, 10-1-85, Cl. 514-202.000.
- Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tozuka, Zenzaburo, to Fujisawa Pharmaceutical Co., Ltd. Thiadiazole derivatives. 4,544,751, 10-1-85, Cl. 548-127.000.
- Takaya, Takao; Takasugi, Hisashi; Yamanaka, Hideaki; Miyai, Kenji; and Inoue, Yoshikazu, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds useful for treating infectious diseases in human being and animals and processes for preparation thereof. 4,546,101, 10-8-85, Cl. 514-253.000.
- Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, to Fujisawa Pharmaceutical Co., Ltd. Kasugamycin derivatives, pharmaceutical compositions and method of use. 4,554,269, 11-19-85, Cl. 514-35.000.
- Takaya, Takao; and Tozuka, Zenzaburo, to Fujisawa Pharmaceutical Co., Ltd. 3,5-di hydroxy morpholine derivatives and pharmaceutical compositions. 4,558,047, 12-10-85, Cl. 514-229.000.

- Takaya, Takao; Takasugi, Hisashi; Masugi, Takashi; Yamanaka, Hideaki; and Kawabata, Kohji, to Fujisawa Pharmaceutical Co., Ltd. 7-substituted-3-vinyl-3-cephem compounds and processes for production of the same. 4,559,334, 12-17-85, Cl. 514-202.000.
- Takaya, Takao: *See—*
  - Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, 4,518,774, Cl. 544-22.000.
- Takaya, Yoshikazu: *See—*
  - Tsubai, Yasuo; Takaya, Yoshikazu; and Kanada, Eiji, 4,510,228, Cl. 430-204.000.
- Takayama, Chitoshi; Hirao, Hideo; Yokouchi, Hideya; and Iida, Teruhiko, to Kabushiki Kaisha Suwa Seikosha; and Takaji Kogya Kabushiki Kaisha. Magnetic head-positioning device for magnetic disc drive. 4,494,159, 1-15-85, Cl. 360-78.000.
- Takayama, Hiroaki; Yamada, Sachiko; Nakayama, Keiko; and Suda, Tatsuo, to Chugai Seiyaku Kabushiki Kaisha. Novel vitamin D_3 derivatives and process for producing the same. 4,517,125, 5-14-85, Cl. 260-397.200.
- Takayama, Hiroshi: *See—*
  - Tanaka, Koichi; Takayama, Hiroshi; Amagai, Yoshimi; Aonuma, Shigeo; and Fukase, Yasuji, 4,504,563, Cl. 430-109.000.
- Takayama, Jun: *See—*
  - Mita, Michio; and Takayama, Jun, 4,503,470, Cl. 360-33.100.
- Takayama, Kazuo, to Fujitsu Ten Limited. High frequency amplifier circuit. 4,535,301, 8-13-85, Cl. 330-279.000.
- Takayama, Kikuo: *See—*
  - Hori, Yutaka; Sunakawa, Makoto; Takayama, Kikuo; Matsuoka, Naoki; and Moroishi, Yutaka, 4,500,683, Cl. 524-533.000.
- Takayama, Makoto; Muramoto, Tomotaka; and Nishimura, Akimasa, to Canon Kabushiki Kaisha. Camera operable with flash and in daylight and tungsten modes. 4,499,487, 2-12-85, Cl. 358-41.000.
- Takayama, Makoto: *See—*
  - Fujiki, Makoto; and Takayama, Makoto, 4,507,688, Cl. 360-13.000.
  - Fujiki, Makoto; and Takayama, Makoto, 4,549,236, Cl. 360-19.100.
  - Kozuki, Susumu; and Takayama, Makoto, 4,544,959, Cl. 360-33.100.
- Takayama, Nobutoshi: *See—*
  - Edakubo, Hiroo; Takayama, Nobutoshi; and Takimoto, Hiroyuki, 4,558,382, Cl. 360-77.000.
- Takayama, Seizo, to UBE Industries, Ltd. Vent-type plastication molding machine. 4,511,319, 4-16-85, Cl. 425-145.000.
- Takayama, Shigehiko; Maruyama, Masanori; and Fukushima, Masakazu, to Hitachi, Ltd. Electron beam focusing lens. 4,560,899, 12-24-85, Cl. 313-449.000.
- Takayama, Shinji: *See—*
  - Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.
- Takayama, Shoichiro, to Oki Electric Industry Co., Ltd. Common controlled facsimile system. 4,491,873, 1-1-85, Cl. 358-256.000.
- Takayama, Suguru; Noguchi, Kiyoshi; and Kobayashi, Kouji, to TDK Corporation. Magnetic recording medium. 4,550,062, 10-29-85, Cl. 428-611.000.
- Takayama, Suguru: *See—*
  - Kobayashi, Koji; Noguchi, Kiyoshi; and Takayama, Suguru, 4,540,600, Cl. 427-130.000.
  - Kobayashi, Kouji; Noguchi, Kiyoshi; and Takayama, Suguru, 4,548,871, Cl. 428-593.000.
- Takayama, Syuichi, to Olympus Optical Co., Ltd. Endoscope system with an electric bending mechanism. 4,499,895, 2-19-85, Cl. 128-6.000.
- Takayama, Syuichi, to Olympus Optical Co., Ltd. Endoscope apparatus with electric deflection mechanism. 4,503,842, 3-12-85, Cl. 128-4.000.
- Takayama, Syuichi, to Olympus Optical Co., Ltd. Calculus disintegrating apparatus. 4,535,771, 8-20-85, Cl. 128-328.000.
- Takayama, Syuichi, to Olympus Optical Co., Ltd. Endoscope apparatus with motor-driven bending mechanism. 4,559,928, 12-24-85, Cl. 128-6.000.
- Takayama, Toshio; Ando, Hiromi; and Endou, Mitsuhiro, to Tokico Ltd. Pneumatic servo booster. 4,535,680, 8-20-85, Cl. 91-376.00R.
- Takayama, Yasuharu: *See—*
  - Kuwabara, Yoshiharu; Takayama, Yasuharu; and Hamada, Hiroyoshi, 4,521,113, Cl. 356-387.000.
- Takayama, Yoshihisa; Gotoh, Kunihiko; Ito, Akihiko; Yamamura, Takeshi; and Fujita, Kazuyoshi, to Fujitsu Limited. Method for fabricating an integrated circuit with multi-layer wiring having opening for fuse. 4,536,949, 8-27-85, Cl. 29-578.000.
- Takayama, Yukio; Noguchi, Akio; and Matsushita, Takao, to Kanzaki Paper Manufacturing Co., Ltd. Heat-sensitive recording material. 4,513,301, 4-23-85, Cl. 346-200.000.
- Takayanagi, Noriyasu: *See—*
  - Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.
- Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, to Kabushiki Kaisha Toyota Chuo Kenkyusho; and Toyota Jidosha Kabushiki Kaisha. Apparatus for measuring tire uniformity. 4,501,141, 2-26-85, Cl. 73-146.000.
- Takayanagi, Shinji: *See—*
  - Iwai, Kazuhiro; Masuda, Tatsuo; and Takayanagi, Shinji, 4,541,502, Cl. 180-217.000.
- Takayanagi, Takashi: *See—*
  - Kiritani, Masataka; Asao, Yasuzi; and Takayanagi, Takashi, 4,543,269, Cl. 427-44.000.
- Takayanagi, Takeshi; Suzuki, Shizuo; Minowa, Susumu; and Nozaki, Yoshihiko, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for manufacture of investment shell mold suitable for casting grain-oriented super alloy. 4,557,316, 12-10-85, Cl. 164-517.000.
- Takayasu, Hidekazu, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Multi-fuel carburetor. 4,518,540, 5-21-85, Cl. 261-18.00B.
- Takayasu, Makoto: *See—*
  - Friedlaender, Fritz J.; Takayasu, Makoto; Hwang, Jiann-Yang; and Petrakis, Leon, 4,526,681, Cl. 209-214.000.
  - Friedlaender, Fritz J.; and Takayasu, Makoto, 4,560,484, Cl. 210-796.000.
- Takayuki, Okada; Hisao, Tanaka; Ken-Ichi, Sawara; and Tsutomu, Konaka, to Societe Chimique des Charbonnages-CdF Chimie. Process for manufacturing homopolymers and copolymers of ethylene. 4,551,509, 11-5-85, Cl. 526-68.000.
- Takazawa, Yosuke: *See—*
  - Mukai, Yasuo; and Takazawa, Yosuke, 4,526,836, Cl. 428-421.000.
- Takazoe, Ichiro; Ohta, Kosei; Shimizu, Junichi; Suzuki, Kazumasa; Iwakura, Tatsuya; and Nakajima, Yoshikazu, to Mitsui Sugar Co., Ltd. Low-cariogenic sweeteners. 4,556,429, 12-3-85, Cl. 127-30.000.
- Take, Hiroshi: *See—*
  - Hamada, Hiroshi; Take, Hiroshi; Yano, Kozo; and Inami, Yasuhiko, 4,505,021, Cl. 29-570.000.
  - Koyanagi, Katuhumi; Take, Hiroshi; and Uede, Hisashi, 4,535,329, Cl. 340-785.000.
- Take, Shigeo: *See—*
  - Asaumi, Hiroshi; Take, Shigeo; Akase, Masazumi; and Terada, Isao, 4,533,581, Cl. 428-64.000.
- Take, Takao; Kaneko, Katuaki; and Otozaki, Sigeo, to Onoda Cement Co., Ltd. Gypsum board manufacturing method. 4,544,424, 10-1-85, Cl. 156-39.000.
- Takebayashi, Masahiro; Sakazume, Akio; Iwata, Hiroshi; Sugiyama, Masahiko; Murata, Mitsuru; and Tagawa, Shigetaro, to Hitachi, Ltd. Oil feeder means for use in a horizontal type rotary compressor. 4,544,338, 10-1-85, Cl. 418-63.000.
- Takebayashi, Masahiro: *See—*
  - Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.
- Takebayashi, Norie: *See—*
  - Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, 4,533,232, Cl. 355-3.00R.
- Takebe, Kaoru: *See—*
  - Tanaka, Susumu; and Takebe, Kaoru, 4,525,447, Cl. 430-122.000.
  - Tanaka, Susumu; and Takebe, Kaoru, 4,539,281, Cl. 430-45.000.
  - Tanaka, Susumu; and Takebe, Kaoru, 4,562,129, Cl. 430-42.000.
- Takebe, Katuhiko, to Rhythm Watch Company Limited. Vocal announcing device for electronic timepiece. 4,525,076, 6-25-85, Cl. 368-63.000.
- Takebe, Yasushi; Iuchi, Koji; and Tsukamoto, Goro, to Kanebo, Ltd. 4-chloro-4-methyl-5-methylene-1,3-dioxolane-2-one. 4,554,358, 11-19-85, Cl. 549-229.000.
- Takeda, Akira: *See—*
  - Tokumori, Yutaka; Mokuda, Osamu; Ikeda, Tadasu; Takeda, Akira; Tominaga, Masato; and Mashiba, Hiroto, 4,562,071, Cl. 424-94.000.
- Takeda Chemical Industries, Ltd.: *See—*
  - Fujino, Masahiko; and Kitada, Chieko, 4,559,324, Cl. 514-14.000.
  - Furukawa, Yoshiyasu, 4,504,662, Cl. 544-255.000.
  - Goto, Jugo; and Kubota, Tsutomu, 4,552,920, Cl. 525-58.000.
  - Harada, Setsuo; Tsubotani, Shigetoshi; and Asai, Mitsuko, 4,497,742, Cl. 260-245.20T.
  - Harada, Setsuo; and Okada, Junya. 4,497,803, Cl. 514-450.000.
  - Harada, Setsuo; Shinagawa, Susumu; and Kitano, Kazuaki, 4,521,340, Cl. 260-245.20T.
  - Hasegawa, Toru; Muroi, Masayuki; and Tanida, Seiichi, 4,512,975, Cl. 424-121.000.
  - Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, 4,542,219, Cl. 546-22.000.
  - Hozumi, Motoo; Tsushima, Susumu; and Yoshioka, Yoshio, 4,544,512, Cl. 260-925.000.
  - Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, 4,551,532, Cl. 546-22.000.
  - Igarashi, Sachio; and Yamazaki, Kyuya, 4,503,189, Cl. 525-104.000.
  - Imada, Akira; Kintaka, Kazuhiko; and Shinagawa, Susumu, 4,504,655, Cl. 536-18.700.
  - Imada, Akira; Harada, Setsuo; and Asai, Mitsuko, 4,518,529, Cl. 260-245.20T.
  - Imada, Isuke; Okutani, Tetsuya; and Watanabe, Masazumi, 4,495,104, Cl. 260-396.00R.
  - Imada, Isuke; and Watanabe, Masazumi, 4,514,420, Cl. 514-689.000.
  - Iwasa, Susumu; Yoshida, Isamu; and Kondo, Koichi, 4,517,290, Cl. 435-7.000.
  - Kamatani, Yoshio; and Sakamoto, Takurou, 4,546,153, Cl. 525-453.000.
  - Kanamaru, Tsuneo; Shinagawa, Susumu; and Asai, Mitsuko, 4,521,432, Cl. 514-556.000.
  - Kawaguchi, Toshihiro; Ishizaka, Mineo; and Doi, Hiyoshi, 4,509,568, Cl. 141-129.000.
  - Kikuchi, Masakazu; Hayakawa, Takaki; and Kida, Makoto, 4,518,698, Cl. 435-317.000.
  - Kondo, Koichi; Iwasa, Susumu; and Yoshida, Isamu, 4,496,658, Cl. 436-510.000.
  - Kudo, Shiro; and Mukaiyama, Megumi, 4,504,514, Cl. 426-634.000.
  - Kudo, Shiro; and Akaba, Kunihisa, 4,557,936, Cl. 426-104.000.

- Matsuo, Taisuke; Kishimoto, Shoji; and Ochiai, Michihiko, 4,550,105, Cl. 514-210.000.
- Matsuo, Taisuke, deceased; Ochiai, Michihiko; and Kishimoto, Shoji, 4,560,508, Cl. 260-239.00A.
- Matsuura, Kazumi; and Wada, Takeo, 4,512,962, Cl. 423-331.000.
- Misaki, Yoshiki; and Owashi, Seiji, 4,549,205, Cl. 358-106.000.
- Miyashiro, Yutaka; Ogawa, Masao; Yamazaki, Yoshio; and Igarasi, Seizi, 4,493,894, Cl. 435-178.000.
- Morimoto, Hiroshi; Imada, Isuke; Watanabe, Masazumi; and Kawada, Mitsuru, 4,525,361, Cl. 514-689.000.
- Nakabayashi, Masamitsu; Miyaji, Masuo; and Kamatani, Yoshio, 4,495,020, Cl. 156-314.000.
- Nara, Kiyoshi; Katamoto, Kazuyoshi; and Ohta, Kazuhiko, 4,535,155, Cl. 544-20.000.
- Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, 4,500,327, Cl. 55-72.000.
- Nishino, Hiroshi; and Aibe, Toshio, 4,532,115, Cl. 423-210.000.
- Nishino, Hiroshi; Aibe, Toshio; and Noguchi, Katsuya, 4,556,547, Cl. 423-230.000.
- Nohara, Akira; and Kuzuna, Seiji, 4,539,326, Cl. 514-285.000.
- Nojima, Shoshichi; and Nomura, Hiroaki, 4,562,005, Cl. 260-403.000.
- Numata, Mitsuo; Minamida, Isao; Yamaoka, Masayoshi; Shiraishi, Mitsuru; and Miyawaki, Toshio, 4,517,361, Cl. 544-24.000.
- Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, 4,510,138, Cl. 514-206.000.
- Ochiai, Michihiko; Okada, Taiiti; Aki, Osami; Morimoto, Akira; Kawakita, Kenji; and Matsushita, Yoshihiro, 4,514,565, Cl. 544-25.000.
- Ochiai, Michihiko; Morimoto, Akira; and Matsushita, Yoshihiro, 4,520,194, Cl. 544-22.000.
- Ogawa, Hiroe; and Imamura, Yoshisuke, 4,547,377, Cl. 426-268.000.
- Oka, Yoshikazu; Nishikawa, Kohei; and Miyake, Akio, 4,521,607, Cl. 549-39.000.
- Okada, Yoshiyuki; Inoue, Yoshihiro; and Iwanaga, Koichi, 4,531,005, Cl. 548-116.000.
- Okutani, Tetsuya, 4,536,504, Cl. 514-270.000.
- Okutani, Tetsuya; and Goto, Giichi, 4,559,177, Cl. 260-396.00R.
- Shiraki, Hiroyuki; and Abe, Tetsuro, 4,507,458, Cl. 528-49.000.
- Sugihara, Hirosada; Nishikawa, Kohei; and Ito, Katsumi, 4,548,932, Cl. 514-211.000.
- Sugihara, Hirosada; Watanabe, Masazumi; Kawada, Mitsuru; and Imada, Isuke, 4,558,068, Cl. 514-462.000.
- Tanida, Seiichi; Muroi, Masayuki; and Hasegawa, Toru, 4,540,517, Cl. 260-239.30B.
- Terao, Shinji; and Nishikawa, Kohei, 4,518,602, Cl. 514-332.000.
- Terao, Shinji; Okazaki, Hisayoshi; and Imada, Isuke, 4,526,719, Cl. 260-346.00R.
- Terao, Shinji; Shiraishi, Mitsuru; and Kato, Kaneyoshi, 4,533,554, Cl. 514-464.000.
- Uda, Yoshiaki; and Yashiki, Takatsuka, 4,504,470, Cl. 514-19.000.
- Yamazaki, Kyuya; and Igarashi, Sachio, 4,507,447, Cl. 525-528.000.
- Yoshida, Kokichi; Niinobe, Takao; and Baba, Takashi, 4,505,788, Cl. 204-74.000.
- Yoshimura, Yoshinobu; Hamaguchi, Naoru; and Yashiki, Takatsuka, 4,497,809, Cl. 514-206.000.
- Yoshioka, Kouichi; and Ochiai, Michihiko, 4,533,495, Cl. 260-239.00A.

Takeda, Hideichiro: *See—*
- Kuroda, Koji; and Takeda, Hideichiro, 4,505,983, Cl. 428-423.100.

Takeda, Hideo; and Sato, Tsunehiko, to Fuji Photo Film Co., Ltd. Coating solution metering method and apparatus. 4,518,637, 5-21-85, Cl. 427-359.000.

Takeda, Hideo, to Fuji Photo Film Co., Ltd. Coating method and apparatus. 4,521,459, 6-4-85, Cl. 427-359.000.

Takeda, Hideo, to Fuji Photo Film Co., Ltd. Coating method and apparatus. 4,537,801, 8-27-85, Cl. 427-356.000.

Takeda, Hideo: *See—*
- Yamatani, Tetsuo; Hijiya, Toyoto; Takeda, Hideo; Shibuya, Koji; and Tanaka, Kiichiro, 4,508,912, Cl. 549-253.000.

Takeda, Hiroaki; Tanaka, Kano; and Murata, Shinji, to Canon Kabushiki Kaisha. Image forming apparatus. 4,519,697, 5-28-85, Cl. 355-14.00R.

Takeda, Hiroaki: *See—*
- Honma, Toshio; Takeda, Hiroaki; and Suzuki, Tadashi, 4,542,985, Cl. 355-69.000.
- Ishida, Masato; and Takeda, Hiroaki, 4,512,655, Cl. 355-55.000.

Takeda, Hirofumi; and Suzuki, Hirokazu, to Fujitsu Limited. Emitter coupled logic circuit controlled by a set input signal. 4,551,639, 11-5-85, Cl. 307-455.000.

Takeda, Hirro, to Nippon Oil Co., Ltd. Method of heat-treating particles and apparatus therefor. 4,547,151, 10-15-85, Cl. 432-14.000.

Takeda, Hisanobu: *See—*
- Kawai, Shinji; Yamaguchi, Yuji; Suzuki, Koichi; and Takeda, Hisanobu, 4,551,868, Cl. 4-443.000.

Takeda, Hisao; and Taniguchi, Yasunori, to American Colloid Company. Production process for highly water absorbable polymer. 4,525,527, 6-25-85, Cl. 524-831.000.

Takeda, Jun: *See—*
- Kojiro, Tetsuya; and Takeda, Jun, 4,553,812, Cl. 350-96.200.

Takeda, Kazuo: *See—*
- Funakoshi, Tadayoshi; and Takeda, Kazuo, 4,493,611, Cl. 415-199.100.

Takeda, Kazutoshi: *See—*
- Kamata, Nobuo; Sekiya, Takashi; Takeda, Kazutoshi; Hayasaka, Toyoo; and Yoshida, Tomohisa, 4,520,087, Cl. 429-219.000.

Takeda, Keiso, to Toyota Jidosha Kabushiki Kaisha. Air intake device of an internal combustion engine. 4,538,556, 9-3-85, Cl. 123-52.0MB.

Takeda, Keisou; and Hirata, Toshiyuki, to Toyota Jidosha Kabushiki Kaisha. Heater coolant circulation system for vehicle providing matched heating for intake system and passenger compartment. 4,508,264, 4-2-85, Cl. 237-12.30B.

Takeda, Keisou; and Hirata, Toshiyuki, to Toyota Jidosha Kabushiki Kaisha. Fuel injection device for motor vehicle. 4,513,720, 4-30-85, Cl. 123-470.000.

Takeda, Kenji; and Arai, Yoshinao, to Hitachi, Ltd. Robot control data processing apparatus. 4,503,507, 3-5-85, Cl. 364-513.000.

Takeda, Kenji: *See—*
- Aoki, Takao; Inoue, Takahiro; Goto, Masahiro; and Takeda, Kenji, 4,494,856, Cl. 355-3.00R.
- Inagaki, Mitsuo; Ito, Seitoku; Takeda, Kenji; and Kurokawa, Yoshiki, 4,557,670, Cl. 417-299.000.
- Ohno, Akio; and Takeda, Kenji, 4,549,803, Cl. 355-14.0FU.

Takeda, Koichiro, to Fujitsu Limited. Phase lock loop PSK demodulator with sweep control circuit. 4,547,736, 10-15-85, Cl. 329-50.000.

Takeda, Koji; Akahane, Masao; Mukaiyama, Fumiaki; and Kudo, Yasuhiko, to Kabushiki Kaisha Suwa Seikosha. FSK demodulation circuit. 4,551,846, 11-5-85, Cl. 375-82.000.

Takeda, Kunihiko, to Asahi Kasei Kogyo Kabushiki Kaisha. Basic compound, its polymer, a process for the preparation thereof and its use as ion exchange resin. 4,533,678, 8-6-85, Cl. 521-389.000.

Takeda, Masahiro, to Sony Corporation. Memory card having static electricity protection. 4,532.419, 7-30-85, Cl. 235-492.000.

Takeda, Masami: *See—*
- Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, 4,513,130, Cl. 526-283.000.
- Mizui, Kinya; Takeda, Masami; and Iwata, Tadao, 4,533,700, Cl. 525-285.000.

Takeda, Masaru: *See—*
- Kawahara, Masakatsu; and Takeda, Masaru, 4,509,404, Cl. 91-388.000.

Takeda, Masashi; and Iwasa, Masaru, to Sony Corporation. Digital-to-analog converter of the current-adding type. 4,539,553, 9-3-85, Cl. 340-347.0DA.

Takeda, Masashi: *See—*
- Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, 4,514,787, Cl. 361-420.000.
- Sekino, Takeo; and Takeda, Masashi, 4,559,522, Cl. 340-347.0AD.

Takeda, Masatoshi, to Mitsubishi Denki Kabushiki Kaisha. Device having thyristors connected in series. 4,540,895, 9-10-85, Cl. 307-252.00Q.

Takeda, Mikio: *See—*
- Oh-ishi, Tokuro; Takeda, Mikio; Nakajima, Hiromichi; and Nagao, Taku, 4,521,430, Cl. 514-211.000.

Takeda, Mutsumi, to Hitachi Koki Haramachi Works, Ltd. Safety device for a meat slicer. 4,499,804, 2-19-85, Cl. 83-399.000.

Takeda, Nobumi, to Shimano Industrial Company Limited. Pedal for a bicycle. 4,526,059, 7-2-85, Cl. 74-594.400.

Takeda Riken Co., Ltd.: *See—*
- Hayashi, Mishio, 4,523,288, Cl. 364-569.000.
- Hayashi, Mishio, 4,544,884, Cl. 324-78.00R.
- Kitayoshi, Hitoshi, 4,539,518, Cl. 324-77.00B.
- Kurihara, Takenori; Tojo, Shigeki; and Hirakoso, Yohei, 4,513,256, Cl. 331-4.000.
- Nakagomi, Koji; Aoki, Tetsuo; and Nakajima, Takayuki, 4,495,621, Cl. 371-6.000.
- Nishiura, Junji, 4,553,100, Cl. 328-63.000.
- Shimizu, Masao, 4,555,663, Cl. 324-73.00R.
- Sugamori, Shigeru, 4,497,056, Cl. 371-25.000.
- Takeuchi, Kunio, 4,523,312, Cl. 371-1.000.
- Yada, Eiichi, 4,559,521, Cl. 340-347.0NT.
- Yoshida, Kenji, 4,504,749, Cl. 307-590.000.

Takeda, Seiichiro: *See—*
- Kubota, Kanya; Yamana, Hajimu; and Takeda, Seiichiro, 4,526,658, Cl. 203-13.000.

Takeda, Setsuo: *See—*
- Fujii, Setsuro; Unemi, Norio; and Takeda, Setsuo, 4,507,301, Cl. 514-274.000.

Takeda, Shigeru: *See—*
- Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.

Takeda, Shigetomo: *See—*
- Fujii, Tatsuo; and Takeda, Shigetomo, 4,555,021, Cl. 206-387.000.
- Shiba, Haruo; and Takeda, Shigetomo, 4,545,483, Cl. 206-387.000.

Takeda, Shiro; and Nakajima, Minoru, to Fujitsu Limited. Silicone-type coating resin solution. 4,510,283, 4-9-85, Cl. 524-356.000.

Takeda, Shuji, to Tanac Engineering Kabushiki Kaisha. Magnetic tensioning device. 4,526,329, 7-2-85, Cl. 242-155.00M.

Takeda, Susumu; Mann, Allen W.; Goodrich, David G.; and Zinniger, Theodore C., to Kaiser Aluminum & Chemical Corporation. Molten metal level control in continuous casting. 4,498,521, 2-12-85, Cl. 164-453.000.

Takeda, Takeshi; Machida, Yasuhiko; Kudoh, Yasuo; and Ikegaya, Kazutoshi, to Matsushita Electric Industrial Co., Ltd. Heat storage materials. 4,508,632, 4-2-85, Cl. 252-70.000.

Takeda, Toshihide: *See—*
Nishida, Takeshi; Yamagami, Yousuke; Takeda, Toshihide; and Saito, Toshio, 4,547,906, Cl. 2-93.000.
Takeda, Tsunesi: *See—*
Kuroda, Muthmi; Murata, Moriyasu; Takeda, Tsunesi; and Tamura, Junich, 4,526,698, Cl. 252-99.000.
Takeda, Yasuo: *See—*
Takeshita, Kazuhisa; and Takeda, Yasuo, 4,539,056, Cl. 156-183.000.
Takeda, Yasuyuki: *See—*
Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, 4,547,565, Cl. 528-232.000.
Takeda, Yoshihumi: *See—*
Takamizawa, Minoru; Kobayashi, Taishi; Hayashida, Akira; and Takeda, Yoshihumi, 4,550,151, Cl. 528-7.000.
Takeda, Yoshimitsu: *See—*
Moriya, Masaichi; Takaishi, Tatsuyuki; Mochida, Haruo; and Takeda, Yoshimitsu, 4,530,185, Cl. 49-280.000.
Takeda, Yoshio: *See—*
Washizuka, Isamu; and Takeda, Yoshio, 4,533,213, Cl. 350-332.000.
Takeda, Yuji: *See—*
Ito, Yoshiyasu; Suematsu, Toshio; Takeda, Yuji; and Anzai, Katsushi, 4,545,349, Cl. 123-339.000.
Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, to Hitachi, Ltd. Sintered aluminum nitride and semi-conductor device using the same. 4,540,673, 9-10-85, Cl. 501-96.000.
Takeda, Yukio: *See—*
Maeda, Kunihiro; Usami, Katsuhisa; Takeda, Yukio; Ogihara, Satoru; and Asai, Osamu, 4,561,891, Cl. 75-238.000.
Ogihara, Satoru; Takeda, Yukio; Maeda, Kunihiro; Nakamura, Kousuke; and Ura, Mitsuru, 4,561,010, Cl. 357-74.000.
Takefuta, Hideyasu: *See—*
Moriya, Kouichi; Iwata, Kouki; and Takefuta, Hideyasu, 4,546,736, Cl. 123-179.00G.
Takegahara, Takashi: *See—*
Kishi, Hajimu; Seki, Masaki; Tanaka, Kunio; and Takegahara, Takashi, 4,556,833, Cl. 318-567.000.
Takegami, Yoshinobu; and Inui, Tomoyuki. Method for supporting metal and/or metal oxide on a crystalline aluminosilicate zeolite catalyst. 4,526,878, 7-2-85, Cl. 502-65.000.
Takegawa, Takafumi: *See—*
Oie, Naoyuki; Koyama, Hiromichi; and Takegawa, Takafumi, 4,541,847, Cl. 55-124.000.
Takegawa, Yujiro, to Tsudakoma Kogyo Kabushiki Kaisha. Weft reservoir controller used for freely changeable alternate weaving on a fluid-jet loom. 4,530,381, 7-23-85, Cl. 139-452.000.
Takegawa, Yujiro; and Tsuji, Kanji, to Tsudakoma Kogyo Kabushiki Kaisha. Weft reservoir for fluid jet looms. 4,531,557, 7-30-85, Cl. 139-452.000.
Takehara, Hideaki, to Victor Company of Japan, Ltd. Stylus having a graphite electrode. 4,535,436, 8-13-85, Cl. 369-173.000.
Takehara, Hideaki, to Victor Company of Japan, Ltd. Pickup stylus having fused diamond and ceramic bodies with conductive surfaces for capacitance disk records. 4,542,493, 9-17-85, Cl. 369-126.000.
Takehara, Hideaki: *See—*
Wada, Yoshiyo; and Takehara, Hideaki, 4,495,610, Cl. 369-126.000.
Wada, Yoshiyo; Goto, Kunio; and Takehara, Hideaki, 4,503,529, Cl. 369-126.000.
Takehara, Hidetoshi; Shioji, Shorbu; and Nakagawa, Yohichi, to Nippon Shokubai Kagaku Kogyo Co., Ltd. Water soluble copolymer method for manufacture therefore and use thereof. 4,500,693, 2-19-85, Cl. 526-240.000.
Takehara, Isamu: *See—*
Ichihara, Noboru; and Takehara, Isamu, 4,496,887, Cl. 318-254.000.
Takehara, Nobuo, to Kabushiki Kaisha Takuma. Device to force out incineration ash. 4,520,738, 6-4-85, Cl. 110-171.000.
Takehara, Yasuo: *See—*
Sumitani, Katsuyoshi; and Takehara, Yasuo, 4,537,224, Cl. 138-139.000.
Takei, Haruo: *See—*
Inoue, Noriyuki; Okazaki, Masaki; Yamamuro, Kiyohiko; and Takei, Haruo, 4,555,482, Cl. 430-574.000.
Kamei, Sadao; Ohashi, Yuichi; Ukai, Toshinao; Yamamuro, Kiyohiko; and Takei, Haruo, 4,546,074, Cl. 430-573.000.
Toya, Ichizo; Mihara, Yuji; and Takei, Haruo, 4,552,828, Cl. 430-217.000.
Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; Toya, Ichizo; and Syuto, Sadanobu, 4,510,235, Cl. 430-574.000.
Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; and Toya, Ichizo, 4,555,481, Cl. 430-550.000.
Takei, Humihiko: *See—*
Omori, Mamoru; and Takei, Humihiko, 4,502,983, Cl. 252-516.000.
Takei, Katsumori; and Nakamura, Haruo, to Kabushiki Kaisha Suwa Seikosha. Liquid crystal composition. 4,559,161, 12-17-85, Cl. 252-299.630.
Takei, Kenji; and Akabane, Yukihiro, to Nippon Seiko Kabushiki Kaisha. Rolling bearings for strut-type suspensions. 4,552,467, 11-12-85, Cl. 384-615.000.
Takei, Masahiro: *See—*
Maeda, Masaya; and Takei, Masahiro, 4,556,920, Cl. 360-77.000.
Takei, Masaki: *See—*
Matsushita, Yoshikazu; Takei, Masaki; Yonekubo, Masatoshi; and Nishiwaki, Tsutomu, 4,556,891, Cl. 346-76.0PH.
Takei, Narimichi: *See—*
Motoyama, Shimesu Kurita, Kaora; Sakashita, Shizuka; Takei, Narimichi; and O[illegible]o, Shigeru, 4,556,175, Cl. 241-57.000.
Takei, Ryutaro: *See—*
Gunjima, Tomoki; and Takei, Ryutaro, 4,514,044, Cl. 350-350.00R.
Takei, Shushi; and Onuki, Akio, to Tokyo Shibaura Denki Kabushiki Kaisha. Combination magnetic head. 4,531,170, 7-23-85, Cl. 360-119.000.
Takei, Shushi: *See—*
Fujioka, Yoshiharu; Onuki, Akio; and Takei, Shushi, 4,562,503, Cl. 360-123.000.
Takei, Sumiaki: *See—*
Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, 4,514,646, Cl. 307-200.00B.
Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, to Nippondenso Co., Ltd. Electrically operated fuel pump device. 4,493,620, 1-15-85, Cl. 417-366.000.
Takei, Toshihiro; Goshima, Takahiro; Hattori, Yoshiyuki; and Matsui, Kazuma, to Nippondenso Co., Ltd. Power transmission device for vehicles. 4,494,943, 1-22-85, Cl. 474-28.000.
Takei, Toshihiro; Hattori, Yoshiyuki, and Ohnishi, Shunsaku, to Nippondenso Co., Ltd. Fuel pump having regenerative section provided with vent housing for voltex flow. 4,538,958, 9-3-85, Cl. 415-53.00T.
Takei, Toshihiro: *See—*
Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,492,515, Cl. 415-53.00T.
Takei, Yoshiaki: *See—*
Fujimaki, Yoshihide; Takei, Yoshiaki; and Nomori, Hiroyuki, 4,540,651, Cl. 430-72.000.
Takei, Yutaka; and Somezawa, Masashi, to Sony Corporation. Method for manufacturing a magnetic recording medium. 4,508,752, 4-2-85, Cl. 427-48.000.
Takeichi, Hideo: *See—*
Tanuma, Itsuo; Takeichi, Hideo; Fukuura, Yukio; Ohyachi, Tomio; and Naito, Kazuo, 4,511,627, Cl. 428-429.000.
Takekawa, Hiroshi: *See—*
Banno, Taiichi; Hijikata, Kazuo; and Takekawa, Hiroshi, 4,498,780, Cl. 356-414.000.
Takekawa, Junjiro: *See—*
Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.
Takekawa, Yasuo: *See—*
Shioi, Shunshuke; Takekawa, Yasuo; and Miyake, Makoto, 4,533,930, Cl. 346-211.000.
Takekida, Yoshisuke, to NEC Corporation. Development apparatus of latent electrostatic images. 4,493,550, 1-15-85, Cl. 355-10.000.
Takekoshi, Yashitaka: *See—*
Amemiya, Yoichi; Ishida, Hiroshi; Takekoshi, Yashitaka; and Ushiyama, Shigeyuki, 4,551,676, Cl. 324-208.000.
Takemae, Mikio: *See—*
Maida, Osamu; Takemae, Mikio; and Okubo, Yuji, 4,509,847, Cl. 354-442.000.
Takemae, Yoshihiro; Nozaki, Shigeki; Kabashima, Katsuhiko; and Enomoto, Seiji, to Fujitsu Limited. Semiconductor circuit for enabling a quick rise of the potential on the word line for driving a clock signal line. 4,496,850, 1-29-85, Cl. 307-269.000.
Takemae, Yoshihiro; Ohira, Tsuyoshi; and Enomoto, Seiji, to Fujitsu Limited. Dynamic semiconductor memory device. 4,504,929, 3-12-85, Cl. 365-210.000.
Takemae, Yoshihiro, to Fujitsu Limited. Semiconductor memory device and process for producing the same. 4,513,304, 4-23-85, Cl. 357-23.600.
Takemae, Yoshihiro; Nakano, Tomio; and Ohira, Tsuyoshi, to Fujitsu Limited. Semiconductor memory device. 4,532,613, 7-30-85, Cl. 365-230.000.
Takemae, Yoshihiro; and Kabashima, Katsuhiko, to Fujitsu Limited. Dynamic semiconductor memory device. 4,551,822, 11-5-85, Cl. 365-222.000.
Takemae, Yoshihiro: *See—*
Kabashima, Katsuhiko; Takemae, Yoshihiro; Nozaki, Shigeki; Ohira, Tsuyoshi; Miyahara, Hatsuo; Kanai, Masakazu; and Enomoto, Seiji, 4,550,289, Cl. 324-158.00R.
Nozaki, Shigeki; Takemae, Yoshihiro; and Nakano, Tomio, 4,511,997, Cl. 365-189.000.
Nozaki, Shigeki; and Takemae, Yoshihiro, 4,546,457, Cl. 365-230.000.
Takemasa, Kaoru, to Pioneer Electronic Corporation. Tape recording machine. 4,499,783, 2-19-85, Cl. 74-411.000.
Takematsu, Hikaru: *See—*
Sekiguchi, Koichi; Takematsu, Hikaru; Yamamoto, Kazuyuki; and Kubo, Teruyuki, 4,551,583, Cl. 179-99.00M.
Takematsu, Noburu: *See—*
Nagamune, Teruyuki; Inoue, Ichiro; and Takematsu, Noburu, 4,561,779, Cl. 356-442.000.
Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, to Kuraray Co., Ltd. Substituted phenyl (thiono)carbamates, herbicidal compositions containing the same as active ingredient and method of controlling weeds. 4,491,465, 1-1-85, Cl. 71-88.000.
Takematsu, Tetsuo; Kikkawa, Nobuyuki; and Ogawa, Hidcaki, to Idemitsu Kosan Company Limited. N-(α,α-dialkylbenzyl)-phenylacetamide compounds and herbicidal compositions containing said compounds. 4,502,883, 3-5-85, Cl. 71-118.000.

Takematsu, Tetsuo; Nakaya, Mitihiko; Moriyasu, Koichi; and Komoto, Nobuo, to Mitsui Toatsu Chemicals, Inc. 2-methyl-4'-isopropyl-2-pentenoyl anilide. 4,517,381, 5-14-85, Cl. 564-207.000.

Takematsu, Tetsuo; Konnai, Makoto; Hosogai, Takeo; and Nishida, Takashi, to Kuraray Co., Ltd. Subsututed phenyl carbamates, herbicidal compositions containing the same as active ingredient and method of controlling weeds. 4,521,242, 6-4-85, Cl. 71-94.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yunji; and Nakanishi, Akira, to Toyo Soda Manufacturing Co., Ltd. Metamethoxy aryl carbamate derivatives and herbicides. 4,551,169, 11-5-85, Cl. 71-94.000.

Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, to Meiji Seika Kaisha Ltd. Herbicidal compositions. 4,552,583, 11-12-85, Cl. 71-86.000.

Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, to Meiji Seika Kaisha Ltd. Herbicidal composition and herbicidal processes. 4,552,584, 11-12-85, Cl. 71-86.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, to Toyo Soda Manufacturing Co., Ltd. Aryl N-alkyl-N-(pyridyl or pyrimidyl) carbamate. 4,554,012, 11-19-85, Cl 71-92.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, to Toyo Soda Manufacturing Co., Ltd. Herbicides. 4,554,015, 11-19-85, Cl. 71-100.000.

Takematsu, Yoshiyuki, to Fuji Koeki Kabushiki Kaisha. Photometric circuit in a photographic flash device. 4,509,844, 4-9-85, Cl. 354-416.000.

Takematsu, Yoshiyuki, to Fuji Koeki Kabushiki Kaisha, a part interest. Grip-type photographic flash discharge device. 4,510,419, 4-9-85, Cl. 315-241.00P.

Takemori, Satoshi: *See—*

Kuwabara, Kouji; Sasaki, Kouji; Sugawara, Hiroyuki; Shirakura, Toshiharu; Kawakubo, Yukio; and Takemori, Satoshi, 4,541,097, Cl. 372-87.000.

Takemoto, Akira, to Sumitomo Electric Industries, Ltd. DC servomotor position control. 4,507,594, 3-26-85, Cl. 318-615.000.

Takemoto, Hisao: *See—*

Harada, Tsuneo; Takemoto, Hisao; and Igarashi, Tatsuo, 4,506,011, Cl. 435-70.000.

Takemoto, Issei: *See—*

Shoji, Fusaji; Takemoto, Issei; Kataoka, Fumio; Yokono, Hitoshi; and Isogai, Tokio, 4,513,132, Cl. 528-21.000.

Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, to Hitachi, Ltd. Solid-state imaging device. 4,551,742, 11-5-85, Cl. 357-31.000.

Takemoto, Iwao: *See—*

Koike, Norio; Takemoto, Iwao; Ohba, Shinya; Masuhara, Toshiaki; and Kubo, Masaharu, 4,514,766, Cl. 358-213.000.

Ozaki, Toshifumi; Ohba, Shinya; Takemoto, Iwao; Nakai, Masaaki; Ando, Haruhisa; Nagahara, Shusaku; Imaide, Takuya; Takahashi, Kenji; and Akiyama, Toshiyuki, 4,532,549, Cl. 358-213.000.

Ozawa, Naoki; Nagahara, Shusaku; Takahashi, Kenji; Takemoto, Iwao; Nishizawa, Shigeki; Sato, Masanori; and Suzuki, Satoshi, 4,543,6 0, Cl. 358-213.000.

Takemoto, Masao: *See—*

Kaifu, Masaharu; Takigawa, Jun; Fujimoto, Hideo; Nishimura, Tomohiro; and Takemoto, Masao, 4,560,625, Cl. 428-654.000.

Takemoto, Shizume: *See—*

Okuyama, Genichiro; Takemoto, Shizume; and Otani, Yasuhisa, 4,507,279, Cl. 424-63.000.

Takemoto, Sohei: *See—*

Nakamura, Masato; and Takemoto, Sohei, 4,549,224, Cl. 358-310.000.

Takemoto, Tadashi; Hijiya, Toyoto; and Yamatani, Tetsuo, to Ajinomoto Co., Inc. Method for manufacture of N-formylaspartic anhydride. 4,550,180, 10-29-85, Cl. 549-253.000.

Takemoto, Takeshi, to Ricoh Company, Ltd. Hammer device of printer. 4,505,604, 3-19-85, Cl. 400-144.200.

Takemoto, Takeshi: *See—*

Kaneko, Nobuo; Takemoto, Takeshi; and Yasuda, Hiroshi, 4,530,280, Cl. 101-93.020.

Takemoto, Toyoki: *See—*

Inoue, Michihiro; Matsuzawa, Akira; and Takemoto, Toyoki, 4,496,935, Cl. 340-347.0AD.

Takemoto, Yoshinori: *See—*

Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, 4,495,192, Cl. 514-318.000.

Takemoto Yushi Kabushiki Kaisha: *See—*

Noda, Ippei; and Ogiso, Osamu, 4,502,968, Cl. 252-8.800.

Ogiso, Osamu; Yamamoto, Hisao; and Suzuki, Akira, 4,552,671, Cl. 252-8.900.

Yamamoto, Hisao; and Kogiso, Osamu, 4,505,956, Cl. 427-393.100.

Yamamoto, Hisao; Kimura, Fumihiko; and Ogiso, Osamu, 4,561,987, Cl. 252-8.900.

Takemura, Akira: *See—*

Itoh, Akira; and Takemura, Akira, 4,497,894, Cl. 430-522.000.

Takemura, Hiroshi: *See—*

Aihara, Hiroshi; Matumura, Akira; Takemura, Hiroshi; Kobashi, Rikiya; Satomi, Keisuke; and Ishibashi, Hiroe, 4,498,033, Cl. 318-261.000.

Takemura, Kaoru: *See—*

Kubo, Yoshiaki; Takemura, Kaoru; and Kouno, Shuichiro, 4,536,206, Cl. 71-3.000.

Takemura, Makoto: *See—*

Wakayama, Masao; Takemura, Makoto; and Kasagi, Takao, 4,500,360, Cl. 106-286.500.

Takemura, Michio: *See—*

Okada, Tokio; Makino, Tsutomu; and Takemura, Michio, 4,546,675, Cl. 81-9.510.

Takemura, Yasuhiko: *See—*

Saito, Kazuyoshi; Iida, Taketoshi; Shirasaka, Toshio; and Takemura, Yasuhiko, 4,541,435, Cl. 128-660.000.

Takemura, Yasuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid-state color television camera. 4,513,312, 4-23-85, Cl. 358-44.000.

Takemura, Yukihito; and Niimi, Tomohide, to Toyota Jidosha Kabushiki Kaisha. Lock mechanism for the glovebox door of an automobile. 4,534,193, 8-13-85, Cl. 70-218.000.

Takenaga, Hideo: *See—*

Imai, Yougo; and Takenaga, Hideo, 4,511,935, Cl. 360-66.000.

Takenaga, Motoi: *See—*

Iino, Shinji; Maruyama, Kensaku; Takenaga, Motoi; Muramoto, Kazuhiko; and Tsuhako, Mitsutomo, 4,542,001, Cl. 423-311.000.

Takenaka, Akihiko; Arakawa, Miyao; Sato, Masahiro; and Yamaguchi, Toshiyuki, to Nippondenso Co., Ltd. Electromagnetic rotation detecting apparatus. 4,513,609, 4-30-85, Cl. 73-116.000.

Takenaka, Akihiko: *See—*

Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, 4,519,362, Cl 123-414.000.

Takenaka, Akira; Shimasaki, Keiichi; and Kuwazuru, Yasumitsu, to Taiho Kogyo Co., Ltd. Sliding member having a novel pore structure on the sliding surface thereof. 4,509,803, 4-9-85, Cl. 308-5.00R.

Takenaka Doboku Co., Ltd.: *See—*

Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl 106-90.000.

Takenaka Engineering Co., Ltd.: *See—*

Takahashi, Toshihiko, 4,514,630, Cl. 250-342.000.

Takenaka, Kazuhiro: *See—*

Hoshino, Shigeo; Takenaka, Kazuhiro; and Muro, Hideo, 4,507,705, Cl. 361-283.000.

Takenaka Komuten Co., Ltd.: *See—*

Isogai, Sakichi; Mizuhata, Teruo; Takahashi, Masaaki; Imai, Takayoshi; Nakanishi, Kazuyoshi; Ito, Takefumi; and Koshihara, Atsuo, 4,505,397, Cl. 212-232.000.

Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl 106-90.000.

Takenaka, Masahico: *See—*

Shimazaki, Taiichi; and Takenaka, Masahico, 4,534,439, Cl 180-215.000.

Takenaka, Masahiko, to Honda Giken Kogyo Kabushiki Kaisha. Trunk storage system for small vehicles. 4,522,442, 6-11-85, Cl. 296-37.100.

Takenaka, Masahiko: *See—*

Yagasaki, Akio; and Takenaka, Masahiko, 4,531,255, Cl 15-250.010.

Takenaka, Shigeo: *See—*

Okada, Hisafumi; Suzuki, Yoshio; and Takenaka, Shigeo, 4,537,322, Cl. 220-2.10A.

Takenaka, Shinya; and Sunago, Katsuyoshi, to Sumitomo Electric Industries, Ltd. Manipulator for laser knife. 4,538,609, 9-3-85, Cl 128-303.100.

Takenaka, Shinya: *See—*

Sunago, Katsuyoshi; and Takenaka, Shinya, 4,517,973, Cl 128-303.100.

Takenaka, Toichi: *See—*

Imai, Kazuo; Niigata, Kunihiro; Fujikura, Takashi; Hashimoto, Shinichi; and Takenaka, Toichi, 4,558,156, Cl. 564-85.000.

Takenaka, Toshio: *See—*

Yamamoto, Kazuhito; and Takenaka, Toshio, 4,515,917, Cl 524-178.000.

Takenaka, Yuji, to Fuji Photo Film Co., Ltd. Trimming area control system in photo-printing. 4,496,983, 1-29-85, Cl. 358-287.000.

Takeno, Hidekazu: *See—*

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,497,729, Cl. 260-112.50R.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.

Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Takeno, Shozo: *See*—

Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, 4,511,677, Cl. 338-2.000.

Takenobu, Shinya, to Mitsubishi Denki Kabushiki Kaisha. Light source cathode ray tube. 4,506,191, 3-19-85, Cl. 315-14.000.

Takenouchi, Hiroo; Ishida, Hideaki; and Hiyama, Kunio, to Hitachi, Ltd. Text mailing system using a telephone line. 4,506,111, 3-19-85, Cl. 179-2.00A.

Takenouchi, Masanori: *See*—

Imai, Eiichi; Takenouchi, Masanori; Uchiyama, Masaki; and Suematsu, Koshi, 4,554,234, Cl. 430-122.000.

Ushiyama, Hisayuki; Ohsaki, Ichiro; Takenouchi, Masanori; and Nakahara, Toshiaki, 4,497,885, Cl. 430-106.600.

Takenouchi, Mutsuo; Ozawa, Takashi; Hamano, Toshihisa; Fuse, Mario; Nakamura, Takeshi; and Itoh, Hisao, to Fuji Xerox Co., Ltd. Image pick-up apparatus with folding optics. 4,560,866, 12-24-85, Cl. 250-216.000.

Takenouchi, Osamu; Nguyen Chanh, Khe; Kawara, Tatsuo; and Tanaka, Hisami, to Dainippon Ink and Chemicals, Inc. Electrophotoconductor for electrophotography comprising a disazo compound. 4,504,560, 3-12-85, Cl. 430-72.000.

Takenouchi, Tomoo: *See*—

Iwanami, Yoshiyuki; Taniguchi, Kozo; Funazaki, Mitsunori; and Takenouchi, Tomoo, 4,502,524, Cl. 164-66.100.

Takenouchi, Tsutomu; Nagasawa, Tsunehiko; and Nanasawa, Masatada, to Toshiba-EMI Limited. Method of recording and reproducing visual information in audio recording medium and audio recording medium recorded with visual information. 4,519,008, 5-21-85, Cl. 360-79.000.

Takenoya, Hideaki; and Shomura, Eiichi, to Janome Sewing Machine Co. Ltd. Electronic sewing machine with control detecting device. 4,519,328, 5-28-85, Cl. 112-158.00E.

Takenoya, Hideaki; Fujimura, Toshiro; Hara, Masanori; and Tonomura, Yoshinobu, to Janome Sewing Machine Co. Ltd. Method of producing stitch patterns in an electronic sewing machine. 4,522,137, 6-11-85, Cl. 112-266.100.

Takenoya, Hideaki; and Inamori, Mikio, to Janome Sewing Machine Co. Ltd. Method of preparing intercharacter control data for use in sewing machines. 4,522,138, 6-11-85, Cl. 112-266.100.

Takenoya, Hideaki; and Mishima, Fumiyuki, to Janome Sewing Machine Co. Ltd. Device for adjusting printing paper tension in a printer. 4,522,520, 6-11-85, Cl. 400-636.100.

Takenoya, Hideaki; and Shomura, Eiichi, to Janome Sewing Machine Industry Co., Ltd. Buttonhole stitching process. 4,527,495, 7-9-85, Cl. 112-264.100.

Takenoya, Hideaki; Kuribayashi, Nobumitu; and Shomura, Eiichi, to Janome Sewing Machine Industry Co., Ltd. Lower thread tension adjusting device of sewing machines. 4,530,296, 7-23-85, Cl. 112-229.000.

Takenoya, Hideaki; and Mishima, Fumiyuki, to Janome Sewing Machine Industry Co., Ltd. Wire-dot impact type printer. 4,538,932, 9-3-85, Cl. 400-185.000.

Takenoya, Hideaki; and Honda, Kazunori, to Janome Sewing Machine Industry Co., Ltd. Feed reference point balancing device of sewing machine. 4,541,354, 9-17-85, Cl. 112-314.000.

Takenoya, Hideaki; and Mishima, Fumiyuki, to Janome Sewing Machine Industry Co., Ltd. Impact type color printer. 4,553,870, 11-19-85, Cl. 400-662.000.

Takenoya, Hideaki: *See*—

Eguchi, Yasukata; Hanyu, Susumu; Takenoya, Hideaki; and Inamori, Mikio, 4,520,987, Cl. 248-635.000.

Hanyu, Susumu; Takenoya, Hideaki; and Kato, Shinichi, 4,522,134, Cl. 112-453.000.

Takeo, Tadashi; Yamamoto, Toru; and Yamashita, Sachihiro, to Honda Giken Kogyo Kabushiki Kaisha. Welding torch apparatus. 4,515,521, 5-7-85, Cl. 414-735.000.

Takeoka, Tomihiko: *See*—

Tsuchie, Masahiro; Takeoka, Tomihiko; and Nomura, Takanobu, 4,491,844, Cl. 343-713.000.

Takesako, Yoshinobu: *See*—

Irie, Hiroyuki; Ide, Susumu; Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,542,322, Cl. 315-366.000.

Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,493,666, Cl. 445-24.000.

Takeshi, Okamoto: *See*—

Shigehiro, Koga; Yoshihisa, Kanazawa; Takeshi, Okamoto; Masafumi, Yamanouchi; and Kazumichi, Shudo, 4,528,306, Cl. 523-219.000.

Takeshige, Kosuke: *See*—

Oogai, Michiharu; Seita, Toru; Takeshige, Kosuke; and Shuyama, Hideo, 4,537,910, Cl. 521-27.000.

Takeshima, Hideo: *See*—

Umezawa, Iwao; Komiyama, Kanki; and Takeshima, Hideo, 4,512,976, Cl. 424-122.000.

Takeshima, Sadao; and Ohe, Takeshi, to Jidosha Kiki Co., Ltd. Power steering apparatus. 4,549,627, 10-29-85, Cl. 180-142.000.

Takeshima, Sadao; and Ohe, Takeshi, to Jidosha Kiki Co., Ltd. Power steering apparatus. 4,552,240, 11-12-85, Cl. 180-142.000.

Takeshima, Sadao: *See*—

Okada, Kunio; Takeshima, Sadao; and Tashiro, Shuichirow, 4,502,504, Cl. 137-544.000.

Takeshima, Takahiko; Akemoto, Haruo; and Iwai, Hideki, to UBE Industries, Ltd. Gas venting arrangement incorporated into a mold. 4,538,666, 9-3-85, Cl. 164-305.000.

Takeshima, Tohru: *See*—

Sugo, Yasuhisa; and Takeshima, Tohru, 4,538,244, Cl. 365-155.000.

Takeshita, Akira: *See*—

Hashimoto, Kiyoyasu; Murata, Akira; Kojima, Kiyoteru; Nakamatzu, Toshio; and Takeshita, Akira, 4,529,406, Cl. 8-691.000.

Hattori, Makoto; Taguma, Akihiro; and Takeshita, Akira, 4,510,087, Cl. 260-371.000.

Hattori, Makoto; Taguma, Akihiro; Morimitsu, Toshihiko; and Takeshita, Akira, 4,519,947, Cl. 260-371.000.

Kayane, Yutaka; Omura, Takashi; Otake, Katsumasa; and Takeshita, Akira, 4,511,507, Cl. 534-629.000.

Omura, Takashi; Takahashi, Mikoto; Harada, Naoki; and Takeshita, Akira, 4,505,714, Cl. 8-549.000.

Takeshita, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Control system in a test device for testing a manual speed change unit. 4,493,209, 1-15-85, Cl. 73-118.000.

Takeshita, Isao: *See*—

Ando, Eiji; Goto, Yoshiki; Moriyama, Kumiko; Takeshita, Isao; and Hirao, Kunio, 4,557,850, Cl. 252-68.000.

Takeshita, Kaneyoshi, to Sony Corporation. Solid state image sensor. 4,518,978, 5-21-85, Cl. 357-24.000.

Takeshita, Kazuhisa; and Takeda, Yasuo, to Ajinomoto Co., Inc.; and Nippon Printing Co., Ltd. Release sheet and a method for making thereof. 4,539,056, 9-3-85, Cl. 156-183.000.

Takeshita, Masajiro: *See*—

Hiraoka, Takeshi; Urano, Shigeru; Takeshita, Masajiro; and Nakamura, Keiji, 4,526,617, Cl. 75-236.000.

Takeshita, Masaru; Tokunaga, Toshio; and Ogawa, Yuichiro, to Bridgestone Tire Company Limited. Apparatus for cutting an elongate rubbery strip. 4,516,451, 5-14-85, Cl. 83-171.000.

Takeshita, Masatoshi; Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, to Hitachi, Ltd. Method for manufacturing a magnetic bubble memory. 4,510,231, 4-9-85, Cl. 430-312.000.

Takeshita, Masatoshi: *See*—

Kodama, Naoki; Takeuchi, Teruaki; Suzuki, Ryo; Takeshita, Masatoshi; and Sugita, Yutaka, 4,507,755, Cl. 365-36.000.

Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,525,808, Cl. 365-36.000.

Kodama, Naoki; Takeshita, Masatoshi; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,547,865, Cl. 365-12.000.

Sato, Toshihiro; Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; and Sugita, Yutaka, 4,559,617, Cl. 365-36.000.

Sugita, Yutaka; Suzuki, Ryo; Kodama, Naoki; Takeshita, Masatoshi; and Ikeda, Tadashi, 4,528,645, Cl. 365-36.000.

Suzuki, Ryo; Ikeda, Tadashi; Takeshita, Masatoshi; Kodama, Naoki; and Sugita, Yutaka, 4,494,216, Cl. 365-36.000.

Suzuki, Ryo; Hiroshima, Minoru; Takeshita, Masatoshi; and Sugita, Yutaka, 4,502,129, Cl. 365-8.000.

Suzuki, Ryo; Takeuchi, Teruaki; Kodama, Naoki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,546,452, Cl. 365-36.000.

Takeshita, Osamu, to Dainippon Screen Mfg. Co., Ltd. Handling system for IC device. 4,531,909, 7-30-85, Cl. 432-37.000.

Takeshita, Ritsuji: *See*—

Seki, Kunio; and Takeshita, Ritsuji, 4,503,478, Cl. 361-79.000.

Seki, Kunio; and Takeshita, Ritsuji, 4,543,539, Cl. 330-297.000.

Takeshita, Shigeki, to Mitsubishi Denki Kabushiki Kaisha. Maximum demand meter. 4,559,494, 12-17-85, Cl. 324-103.00R.

Takeshita, Takeaki; Oba, Katuyuki; Shimoyama, Yoshiaki; and Masuda, Takashi, to Nippon Steel Corporation. Process for producing steel for an electrical steel sheet. 4,555,264, 11-26-85, Cl. 75-49.000.

Takesue, Masahiko: *See*—

Katayama, Takao; and Takesue, Masahiko, 4,501,678, Cl. 252-32.70E.

Taketoshi, Kazuhisa; and Ogusu, Chihaya, to Nippon Hoso Kyokai. TV camera tube. 4,492,981, 1-8-85, Cl. 358-217.000.

Takeuchi, Akira: *See*—

Aoyama, Youichi; Takeuchi, Akira; Ohmuro, Masaru; and Ichimura, Yasuo, 4,523,164, Cl. 335-38.000.

Takeuchi, Bunzi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for scribing semiconductor wafer with laser beam. 4,543,464, 9-24-85, Cl. 219-121.0LH.

Takeuchi, Chifumi, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument with key touch detector and operator member. 4,552,051, 11-12-85, Cl. 84-1.240.

Takeuchi, Chikao: *See*—

Gounji, Takashi; Kawatsu, Teruo; Kasai, Yoshihiko; and Takeuchi, Chikao, 4,555,682, Cl. 333-189.000.

Takeuchi, Eiichi; and Hara, Kazuya, to Casio Computer Co., Ltd. Sheet-like compact electronic equipment. 4,558,427, 12-10-85, Cl. 364-708.000.

Takeuchi, Eiji. Saber saw blade. 4,492,141, 1-8-85, Cl. 83-852.000.

Takeuchi, Fumio; Takahashi, Masao; Hattori, Katsuhide; and Sakai, Hiroshi, to Nippon Oil and Fats Co., Ltd. Water-in-oil emulsion explosive composition. 4,534,809, 8-13-85, Cl. 149-3.000.

Takeuchi, Fumio; Takahashi, Masao; and Sakai, Hiroshi, to Nippon Oil and Fats Co., Ltd. Explosive composition. 4,547,234, 10-15-85, Cl. 149-3.000.

Takeuchi, Hajime; and Okuyama, Yoshikazu, to Sony Corporation. Video signal reproducing device. 4,539,603, 9-3-85, Cl. 360-10.100.

Takeuchi, Hajime: *See—*
  Okuyama, Yoshikazu; and Takeuchi, Hajime, 4,550,349, Cl. 360-10.200.
Takeuchi, Haruo, to Olympus Optical Co., Ltd. Connecting mechanism of light source device for endoscope. 4,537,453, 8-27-85, Cl. 339-33.000.
Takeuchi, Hideaki: *See—*
  Nakayama, Satoshi; Takeuchi, Hideaki; Murota, Junichi; Hurukado, Tatuhiko; Takeda, Shigeru; Suzuki, Masuo; Kurokawa, Harushige; and Ikeda, Humihide, 4,503,807, Cl. 118-719.000.
Takeuchi, Hidemaro: *See—*
  Ueda, Masanori; Takahashi, Ryousuke; and Takeuchi, Hidemaro, 4,494,998, Cl. 148-2.000.
Takeuchi, Hideo; Kaneko, Toshihisa; and Ikeda, Satoshi, to Dai Nippon Insatsu Kabushiki Kaisha. System for automatically removing dust from plate cylinders of printing press. 4,499,827, 2-19-85, Cl. 101-425.000.
Takeuchi, Hironori: *See—*
  Imose, Kazuo; Yamamuro, Kiyoshi; Takeuchi, Hironori; and Misawa, Takashi, 4,518,962, Cl. 340-870.280.
Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, to Nissin Kogyo Kabushiki Kaisha. Vacuum booster device. 4,522,108, 6-11-85, Cl. 91-376.00R.
Takeuchi, Hiroo, to Nissin Kogyo Kabushiki Kaisha. Vacuum booster device. 4,526,089, 7-2-85, Cl. 92-98.00D.
Takeuchi, Hiroo, to Nissan Kogyo Kabushiki Kaisha. Vacuum booster device. 4,542,680, 9-24-85, Cl. 91-369.00A.
Takeuchi, Hiroo; and Miyazaki, Kazuo, to Nissin Kogyo Kabushiki Kaisha; and Honda Giken Kogyo Kabushiki Kaisha. Vacuum source device for vacuum booster for vehicles. 4,554,786, 11-26-85, Cl. 60-397.000.
Takeuchi, Hiroo; Hachiro, Nobuaki; and Miyazaki, Yoshihisa, to Nissin Kogyo Kabushiki Kaisha. Vacuum booster device. 4,557,179, 12-10-85, Cl. 91-369.00A.
Takeuchi, Hirosato; and Mikiya, Toshio, to Nitto Kohki Co., Ltd. Retaining device for an inner tube of an evacuated double-tubing type solar heat collector. 4,508,104, 4-2-85, Cl. 126-443.000.
Takeuchi, Hiroshi; and Maruno, Yoshiaki, to Matsushita Electric Industrial Co., Ltd. Diaphragm for loudspeakers. 4,512,435, 4-23-85, Cl. 181-170.000.
Takeuchi, Hiroshi, to Kabushiki Kaisha Daikin Seisakusho. Damper disc assembly for clutch. 4,557,702, 12-10-85, Cl. 464-68.000.
Takeuchi, Hiroshi: *See—*
  Tsuchino, Hisanori; Teshima, Manami; Takeuchi, Hiroshi; and Shimada, Fumio, 4,507,379, Cl. 430-139.000.
  Yoneda, Kiyoshi; and Takeuchi, Hiroshi, 4,536,842, Cl. 364-424.000.
Takeuchi, Hiroyasu: *See—*
  Niwa, Shigeo; Sawai, Kazuhiko; Takahashi, Shinobu; Ono, Mikiya; Fukuda, Yoshiaki; Takeuchi, Hiroyasu; and Tagai, Hideo, 4,497,075, Cl. 3-1.900.
Takeuchi, Hisaharu: *See—*
  Miyaguchi, Hiroshi; and Takeuchi, Hisaharu, 4,510,578, Cl. 364-725.000.
Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, to Kikkoman Corporation; and Nada-Gogo Sake Brewers Common Facility Corporation. Method for brewing Sake . 4,547,372, 10-15-85, Cl. 426-11.000.
Takeuchi, Jimmy S.: *See—*
  Vacanti, David C.; Read, John C.; and Takeuchi, Jimmy S., 4,559,489, Cl. 333-1.100.
Takeuchi, Kano: *See—*
  Miyake, Toshio; Yoshida, Mikihiko; and Takeuchi, Kano, 4,518,581, Cl. 424-48.000.
Takeuchi, Keiji: *See—*
  Imai, Hiroshi; Takeuchi, Keiji; Azuma, Kenichi; and Ozaki, Hironori, 4,529,052, Cl. 180-6.480.
Takeuchi, Kiyoshi, to Nissan Motor Company, Limited. Pressure sensor. 4,524,625, 6-25-85, Cl. 73-754.000.
Takeuchi, Koichi: *See—*
  Sato, Seiji; and Takeuchi, Koichi, 4,510,538, Cl. 360-84.000.
  Shimizu, Shirow; Takahashi, Shuichi; Kato, Kazuo; Takeuchi, Koichi; Iwasaki, Kozo; Kurahashi, Motofumi; and Ichimaru, Tetsuo, 4,529,530, Cl. 252-51.50A.
Takeuchi, Koji; Abe, Masahiro; Ito, Nobuo; and Hirai, Kiyomiki, to Ajinomoto Co., Inc. Latent curing agents for epoxy resins. 4,542,202, 9-17-85, Cl. 528-96.000.
Takeuchi, Koji: *See—*
  Hirai, Kiyomiki; Takeuchi, Koji; Ito, Nobuo; and Abe, Masahiro, 4,530,991, Cl. 528-123.000.
  Hirai, Kiyomiki; Takeuchi, Koji; Abe, Masahiro; and Ito, Nobuo, 4,544,733, Cl. 528-123.000.
  Hirose, Takeshi; Ito, Nobuo; Hirai, Kiyomiki; and Takeuchi, Koji, 4,546,155, Cl. 525-504.000.
Takeuchi, Kousou: *See—*
  Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; and Takeuchi, Kousou, 4,549,167, Cl. 340-347.0DD.
Takeuchi, Kunihiko; Hayashi, Kiyoshi; and Shimomura, Yasuo, to Tokyo Keiki Company, Ltd. Pulse motor control apparatus. 4,528,491, 7-9-85, Cl. 318-603.000.
Takeuchi, Kunio, to Takeda Riken Co., Ltd. IC tester. 4,523,312, 6-11-85, Cl. 371-1.000.
Takeuchi, Masaharu: *See—*
  Kondo, Haruyoshi; Tsukada, Koji; and Takeuchi, Masaharu, 4,494,409, Cl. 73-651.000.
Takeuchi, Masato; Tobita, Hiroshi; Okabe, Sigeru; Okada, Hideo; and Tonami, Munehiko, to Hitachi, Ltd. Fuel cell. 4,542,079, 9-17-85, Cl. 429-39.000.
Takeuchi, Mikio, to Nissan Motor Company, Limited. Rearward obstruction sensing system for automotive vehicle. 4,528,563, 7-9-85, Cl. 340-903.000.
Takeuchi, Naoki: *See—*
  Kurumaji, Masanobu; Takeuchi, Naoki; Kondo, Hiroaki; Akita, Toshiaki; Sano, Tsutomu; and Sugano, Katsumi, 4,504,208, Cl. 425-589.000.
  Murase, Kazuo; Watanabe, Toshihiko; Takeuchi, Naoki, and Maruyama, Tokuji, 4,503,316, Cl. 219-130.320.
Takeuchi, Naoyuki. Deodorized formalin. 4,526,998, 7-2-85, Cl. 568-422.000.
Takeuchi, Nobuo; Kaneko, Tadashi; Nakazumi, Tadataka; and Yokooku, Katsuhiko, to Mazda Motor Corporation. Electrically operated engine throttle valve actuating device. 4,508,078, 4-2-85, Cl. 123-399.000.
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  Nishimura, Hirofumi; Oda, Hiroyuki; Kaneko, Tadashi; Takai, Akira; and Takeuchi, Nobuo, 4,522,179, Cl. 123-481.000.
Takeuchi, Ryoichi: *See—*
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Takeuchi, Seizi: *See—*
  Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,493,879, Cl. 429-41.000.
  Kahara, Toshiki; Matsuda, Shinpei; Ishii, Kenzo; Takeuchi, Seizi; Imahashi, Jinichi; and Honji, Akio, 4,529,671, Cl. 429-41.000.
Takeuchi, Shigekazu: *See—*
  Yoshida, Seiichi; and Takeuchi, Shigekazu, 4,542,060, Cl. 428-287.000.
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  Sakaguchi, Keizo; and Takeuchi, Shigeru, 4,562,030, Cl. 264-173.000.
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Takeuchi, Takashi; Kobayashi, Syoji; Ootani, Tsuyoshi; and Imamura, Tetsuya, to Kao Corporation. Magnetic recording medium. 4,501,795, 2-26-85, Cl. 428-329.000.
Takeuchi, Takashi; Takahashi, Hideaki; Saji, Keiichi; Kondo, Haruyoshi; and Hayakawa, Kiyoharu, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Limiting electric current type oxygen sensor with heater and limiting electric current type oxygen concentration detecting device using the same. 4,510,036, 4-9-85, Cl. 204-425.000.
Takeuchi, Takashi; Takahashi, Hideaki; and Kondo, Haruyoshi, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Temperature control apparatus. 4,524,264, 6-18-85, Cl. 219-497.000.
Takeuchi, Takashi; Kobayashi, Shoji; Ohtani, Tsuyoshi; and Imamura, Tetusya, to Kao Corporation. Magnetic recording medium. 4,529,649, 7-16-85, Cl. 428-328.000.
Takeuchi, Takashi: *See—*
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  Ito, Hiroshi; Hasegawa, Kyusei; Takeuchi, Takashi; and Ikenaga, Takayuki, 4,528,105, Cl. 252-8.55D.
  Kimura, Hiroyuki; Iso, Yoshimi; Inoue, Shigeki; Takeuchi, Takashi; and Ohashi, Shin-ichi, 4,532,561, Cl. 360-73.000.
  Takahashi, Hideaki; Hayakawa, Kiyoharu; Kondo, Haruyoshi; and Takeuchi, Takashi, 4,500,412, Cl. 204-425.000.
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  Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, 4,556,582, Cl. 427-38.000.
  Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Ohta, Norio; and Sugita, Yutaka, 4,556,583, Cl. 427-38.000.
  Kodama, Naoki; Takeuchi, Teruaki; Suzuki, Ryo; Takeshita, Masatoshi; and Sugita, Yutaka, 4,507,755, Cl. 365-36.000.
  Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,525,808, Cl. 365-36.000.
  Kodama, Naoki; Takeshita, Masatoshi; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,547,865, Cl. 365-12.000.
  Suzuki, Ryo; Takeuchi, Teruaki; Kodama, Naoki; Takeshita, Masatoshi; and Sugita, Yutaka, 4,546,452, Cl. 365-36.000.
  Takeshita, Masatoshi; Kodama, Naoki; Suzuki, Ryo; Takeuchi, Teruaki; and Sugita, Yutaka, 4,510,231, Cl. 430-312.000.
Takeuchi, Tetsuo, to Sony Corporation. Injection molding method for making a switch. 4,499,662, 2-19-85, Cl. 29-622.000.
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  Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, 4,495,347, Cl 536-24.000.

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.

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Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,529,549, Cl. 260-404.500.

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Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.

Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi, and Imoto, Masaya, 4,550,159, Cl. 536-6.400.

Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,556,735, Cl. 564-157.000.

Umezawa, Hamao; Takeuchi, Tomio; and Ishizuka, Masaaki, 4,559,362, Cl. 514-674.000.

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Takeuchi, Tooru; Nakamura, Masaru; and Aoishi, Eiji, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Polyvinyl chloride resinous molded sheet product. 4,510,201, 4-9-85, Cl. 428-285.000.

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Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, 4,519,690, Cl. 354-324.000.

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Takeuchi, Yasuhisa; Morimoto, Yoshiro; and Suzuki, Tadashi, to Nissan Motor Company, Limited. Control apparatus and method for engine-continuously variable transmission. 4,515,040, 5-7-85, Cl. 74-866.000.

Takeuchi, Yasuhisa: *See—*

Yamaki, Kiyoshi; Suzuki, Hidetaka; Tanaka, Haruto; and Takeuchi, Yasuhisa, 4,527,155, Cl. 340-727.000.

Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, to Bridgestone Tire Company Limited; and Japan Synthetic Rubber Co., Ltd. Polybutadiene rubber compositions having improved green strength. 4,533,711, 8-6-85, Cl. 526-340.400.

Takeuchi, Yo: *See—*

Toma, Ken; Iida, Masanao; and Takeuchi, Yo, 4,511,632, Cl. 428-654.000.

Takeuchi, Yoko: *See—*

Sato, Keiichi; Takeuchi, Yoko; and Yanagisawa, Midori, 4,527,230, Cl. 364-130.000.

Takeuchi, Yoshimitsu: *See—*

Watanabe, Akira; Takeuchi, Yoshimitsu; Shinoda, Noboru; Isono, Tetsusaburo; and Fujiwara, Kenji, 4,540,674, Cl. 501-97.000.

Takeuchi, Yukihisa; and Tomita, Masahiro, to Nippondenso Co., Ltd.; and Nippon Soken, Inc. Exhaust gas cleaning device. 4,505,726, 3-19-85, Cl. 55-282.000.

Takeuchi, Yukihisa; and Tomita, Masahiro, to Nippondenso Co., Ltd.; and Nippon Soken, Inc. Carbon particulates cleaning device. 4,516,993, 5-14-85, Cl. 55-283.000.

Takeuchi, Yukihisa; and Fujita, Tadashi, to NGK Insulators, Ltd. Multi-channel body. 4,533,584, 8-6-85, Cl. 428-116.000.

Takeuchi, Yukihisa, to NGK Insulators, Ltd. Process of manufacturing ceramic circuit board. 4,551,357, 11-5-85, Cl. 427-96.000.

Takeuchi, Yukihisa: *See—*

Sato, Susumu; Takeuchi, Yukihisa; and Tomita, Masahiro, 4,535,588, Cl. 60-286.000.

Takeuji, Koichi, to Sharp Kabushiki Kaisha. Oven door with integral choke mechanism and microwave absorber. 4,559,428, 12-17-85, Cl. 219-10.55D.

Takeya, Yasuo: *See—*

Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; and Takeya, Yasuo, 4,542,633, Cl. 68-12.00R.

Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; Takeya, Yasuo; and Nagai, Satoshi, 4,554,805, Cl. 68-12.00R.

Takeya, Yasushi: *See—*

Okumura, Mitsuhiro; Naya, Eizo; Yorita, Mitsumasa; and Takeya, Yasushi, 4,540,861, Cl. 200-144.00B.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.

Takeyama, Akira; Tazaki, Kenshi; Nojima, Satoshi; Aritaka, Norihiro; and Mita, Teruyoshi, to Fujitsu Limited. Loop transmission system and method of controlling the loop-back condition thereof. 4,542,496, 9-17-85, Cl. 370-16.000.

Takeyasu, Yoshiyuki, to NEC Corporation. Klystron tuning control system. 4,527,129, 7-2-85, Cl. 330-45.000.

Takeyuki, Mizuno, to NGK Insulators, Ltd. Radial type ceramic turbine rotor and method of producing the same. 4,552,510, 11-12-85, Cl. 416-241.00B.

Takezawa, Keiji, to Alps Electric Co., Ltd. Sliding rheostat with slider element having calibration means. 4,539,546, 9-3-85, Cl. 338-176.000.

Takezawa, Keiji, to Alps Electric Co., Ltd. Slide type variable resistor assembly and method of producing same. 4,559,515, 12-17-85, Cl. 338-128.000.

Takezawa, Kuninori: *See—*

Inoue, Toshitsugu; Nakada, Akiyoshi; Kaji, Haruo; Doi, Makoto; and Takezawa, Kuninori, 4,522,555, Cl. 414-733.000.

Nakada, Akiyoshi; Inoue, Toshitsugu; Tada, Haruo; Shinki, Kiyoshi; Takezawa, Kuninori; and Doi, Makoto, 4,552,504, Cl. 414-735.000.

Takezawa, Shoichiro: *See—*

Murakami, Yoichi; Shoji, Akio; Takezawa, Shoichiro; Ishikawa, Noboru; and Morita, Toshiaki, 4,499,239, Cl. 525-111.000.

Takezawa, Susumu; Ikebe, Ken'ichi; Ayada, Haruki; Fukui, Tatsuyuki; and Okada, Munenori, to NEC Corporation. Nutation damper system comprising a control member for varying a natural frequency of a pendulum. 4,516,746, 5-14-85, Cl. 244-170.000.

Takezawa, Taihei: *See—*

Togawa, Hideo; Takezawa, Taihei; Watanabe, Masazumi; Hayashi, Kazuya; and Okuhara, Akira, 4,505,938, Cl. 426-46.000.

Takezoe, Fumihiko; and Fujii, Junichi, to Fuji Facom Corporation; and Fuji Electric Co., Ltd. Data transfer abnormality processing system. 4,500,953, 2-19-85, Cl. 364-200.000.

Takhedmit, Tahar: *See—*

Renoulin, Roger J.; Lefranc, Jean P.; and Takhedmit, Tahar, 4,549,291, Cl. 370-89.000.

Taki, Hirokazu: *See—*

Fujiwara, Kunio; Katoo, Hisashi; Satoo, Fumihide; and Taki, Hirokazu, 4,554,498, Cl. 318-640.000.

Taki, Hiromitsu: *See—*

Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, 4,510,179, Cl. 427-96.000.

Honjo, Katsuhiko; Taki, Hiromitsu; and Sato, Noriya, 4,559,279, Cl. 428-632.000.

Mihara, Toshihiro; Kusuda, Takao; Noma, Koichi; and Taki, Hiromitsu, 4,504,218, Cl. 431-326.000.

Taki, Kiyozi, to Kabushiki Kaisha Miura Kumihimo Kogyo. Plastic slide bearing. 4,509,870, 4-9-85, Cl. 384-296.000.

Taki, Yoshihiro: *See—*

Miyakawa, Susumu; Fukuta, Toshiaki; Akado, Hajime; and Taki, Yoshihiro, 4,498,989, Cl. 210-450.000.

Takigami, Katsuhiko; and Tokushuku, Keiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Pressure-applied type semiconductor device. 4,500,907, 2-19-85, Cl. 357-79.000.

Takigawa, Jun: *See—*

Kaifu, Masaharu; Takigawa, Jun; Fujimoto, Hideo; Nishimura, Tomohiro; and Takemoto, Masao, 4,560,625, Cl. 428-654.000.

Takigawa, Katsumi: *See—*

Igarashi, Kimizo; Takigawa, Katsumi; Muchi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio, 4,526,601, Cl. 65-59.100.

Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, to Ricoh Company, Ltd. Heat-sensitive transfer medium. 4,538,164, 8-27-85, Cl. 346-209.000.

Takigawa, Nobuhiro: *See—*

Kubo, Keishi; Watanabe, Hideo; Takigawa, Nobuhiro; Hagiri, Minoru; and Kawasaki, Kanjiro, 4,500,896, Cl. 346-204.000.

Watanabe, Hideo; Takigawa, Nobuhiro; Hakiri, Minoru; Kawasaki, Kanjirou; and Kubo, Keishi, 4,529,993, Cl. 346-208.000.

Watanabe, Hideo; Hakiri, Minoru; Kawasaki, Kanjirou; Kubo, Keishi; and Takigawa, Nobuhiro, 4,562,448, Cl. 346-208.000.

Takigawa, Tadahiro; and Kawauchi, Yasunobu, to Tokyo Shibaura Denki Kabushiki Kaisha; and Toshiba Machine Company, Ltd. Exposure method utilizing an energy beam. 4,530,064, 7-16-85, Cl. 364-523.000.

Takigen Seizou Co., Ltd.: *See—*

Takasaki, Kunihiko, 4,508,377, Cl. 292-166.000.

Takasaki, Kunihiko, 4,546,628, Cl. 70-92.000.

Takasaki, Kunuhiko, 4,547,008, Cl. 292-341.150.

Takiguchi, Kiyoaki; and Takano, Seigo, to Computer Services Corporation. Sorting device. 4,535,895, 8-20-85, Cl. 209-683.000.

Takiguchi, Masahiro, to Sharp Kabushiki Kaisha. Print control system in a color image printer. 4,516,139, 5-7-85, Cl. 346-140.00R.

Takiguchi, Michitaka: *See—*

Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, 4,495,878, Cl. 112-158.00B.

Asai, Yoshimi; Takiguchi, Michitaka; and Horie, Fujio, 4,502,401, Cl. 112-158.00B.

Yoshimura, Motokazu; Takiguchi, Michitaka; Horie, Fujio; and Hirata, Koichi, 4,498,078, Cl. 340-679.000.

Takiguchi, Tetsuo, to Kabushiki Kaisha Yanagiya Tekkosho. Producing apparatus for fish meat processed food. 4,494,356, 1-22-85, Cl. 53-122.000.

Takihara, Yukio, to Hosiden Electronics Co., Ltd. Jack. 4,534,610, 8-13-85, Cl. 339-206.00P.

Takikawa, Osamu: *See—*
Katsura, Masaki; Harata, Mituo; Takikawa, Osamu; and Shiratori, Masayuki, 4,499,054, Cl. 422-98.000.
Takimoto, Hiroyuki; Kuniyoshi, Takashi; and Ushiro, Tatsuzo, to Canon Kabushiki Kaisha. Video camera image tube burn-in prevention apparatus. 4,492,982, 1-8-85, Cl. 358-228.000.
Takimoto, Hiroyuki, to Canon Kabushiki Kaisha. Video tape recorder with delayed control signal recording upon restart. 4,496,998, 1-29-85, Cl. 360-33.100.
Takimoto, Hiroyuki, to Canon Kabushiki Kaisha. Rotation control system. 4,517,501, 5-14-85, Cl. 318-314.000.
Takimoto, Hiroyuki: *See—*
Edakubo, Hiroo; Takayama, Nobutoshi; and Takimoto, Hiroyuki, 4,558,382, Cl. 360-77.000.
Kozuki, Susumu; Maeda, Masaya; and Takimoto, Hiroyuki, 4,495,527, Cl. 360-33.100.
Kozuki, Susumu; Takimoto, Hiroyuki; and Maeda, Masaya, 4,507,689, Cl. 360-33.100.
Maeda, Masaya; Takimoto, Hiroyuki; and Kozuki, Susumu, 4,531,164, Cl. 360-33.100.
Takimoto, Koichi: *See—*
Ueda, Ikuo; Morino, Daizo; and Takimoto, Koichi, 4,540,701, Cl. 514-357.000.
Takimoto, Masaaki; Saida, Takashi; and Murata, Masataka, to Fuji Photo Film Co., Ltd. Photosensitive materials having improved antistatic property. 4,495,276, 1-22-85, Cl. 430-527.000.
Takimoto, Masahiro; and Ota, Satoshi, to Toyoda Gosei Co., Ltd. Steering wheel for a vehicle. 4,522,084, 6-11-85, Cl. 74-557.000.
Takimoto, Masatami: *See—*
Nakamura, Norihiko; Itou, Takaaki; Katou, Takashi; Takimoto, Masatami; and Teramura, Mitsuyoshi, 4,512,312, Cl. 123-439.000.
Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.
Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,562,012, Cl. 261-44.00C.
Takimoto, Toshiyuki; and Aoki, Keiji, to Toyota Jidosha Kabushiki Kaisha. Electronic fuel injecting method and device for internal combustion engine. 4,493,305, 1-15-85, Cl. 123-490.000.
Takimoto, Toshiyuki: *See—*
Suzuki, Makoto; Takimoto, Toshiyuki; Yoshioka, Mamoru; and Masui, Takatoshi, 4,527,529, Cl. 123-478.000.
Takimura, Keisuke; and Hamano, Hideo, to Toyota Jidosha Kabushiki Kaisha. Differential gear for automotive vehicles. 4,513,635, 4-30-85, Cl. 74-713.000.
Takino, Hiroshi: *See—*
Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.
Takino, Kenichi; Yamasaki, Eiji; and Murakami, Kenji, to Sharp Kabushiki Kaisha. Vaporizing type fuel combustion apparatus with tar removal device. 4,533,316, 8-6-85, Cl. 431-32.000.
Takino, Shigekatsu: *See—*
Kondo, Hirokazu; and Takino, Shigekatsu, 4,532,869, Cl. 104-166.000.
Takiron Co., Ltd.: *See—*
Miki, Shinji; Nishio, Toyokazu; Matsuyama, Shinzo; and Yamazaki, Shinichi, 4,523,874, Cl. 405-43.000.
Takishima, Shoko: *See—*
Honda, Masamitsu; Nagai, Hideaki; Takishima, Shoko; Kawamura, Akinori; Kawamura, Noriko; Dan, Takashi; Koizumi, Masuo; Murakami, Yasushi; Hinohara, Yoshikazu; Nakano, Hideki; and Takagaki, Yoshio, 4,500,714, Cl. 546-309.000.
Takita, Ichiro: *See—*
Kaneko, Toshiaki; Takita, Ichiro; and Shikano, Hiroshi, 4,539,301, Cl. 501-99.000.
Takita, Kentaro, to Sony/Tektronix Corporation. Circuit for detecting the occurrence of a plurality of signals in a predetermined sequence. 4,550,387, 10-29-85, Cl. 364-900.000.
Takita, Masaaki: *See—*
Kakimoto, Atsushi; Takita, Masaaki; and Watanabe, Shinichi, 4,505,469, Cl. 271-91.000.
Kakimoto, Atsushi; and Takita, Masaaki, 4,517,575, Cl. 346-138.000.
Takita, Naka: *See—*
Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
Takita, Nobuhiro: *See—*
Taniguchi, Hiroshi; Takita, Nobuhiro; Nomura, Norimasa; and Mizuta, Masaji, 4,527,878, Cl. 354-298.000.
Takita, Tomohisa: *See—*
Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, 4,495,347, Cl. 536-24.000.
Umezawa, Hamao; Takeuchi, Tomio; Ishizuka, Masaaki; Takita, Tomohisa; Shimada, Nobuyoshi; and Kato, Kuniki, 4,530,998, Cl. 536-24.000.
Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.
Takitani, Masaru; Tomiyasu, Shizuo; and Baba, Keikichi, to Toyo Stauffer Chemical Co., Ltd. Catalytic component for polymerization of α-olefin and method for homo- or co-polymerization of α-olefin. 4,525,558, 6-25-85, Cl. 526-142.000.
Takizawa, Kimie: *See—*
Kaneko, Takeru; Ozaki, Satoru; Takizawa, Kimie; and Sugimoto, Hachiro, 4,543,254, Cl. 514-253.000.
Takizawa, Masaaki: *See—*
Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.
Takizawa, Satoshi: *See—*
Yamaguchi, Hiroshi; Sawamoto, Kunifumi; Sanbuichi, Hiroshi; Morita, Tatsuo; and Takizawa, Satoshi, 4,556,029, Cl. 123-41.150.
Takizawa, Shozo: *See—*
Kobayashi, Kazuyoshi; and Takizawa, Shozo, 4,534,580, Cl. 280-712.000.
Takizawa, Syoichi: *See—*
Morita, Masahiko; Mano, Junichi; Nishida, Minoru; Tanaka, Tomoo; Aoyagi, Nobuo; and Takizawa, Syoichi, 4,502.897, Cl. 148-12.00F.
Takizawa, Teruo: *See—*
Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.
Takizawa, Tozo: *See—*
Hatanaka, Koji; and Takizawa, Tozo, 4,549,071, Cl. 219-270.000.
Takizawa, Yoshiyuki: *See—*
Aizawa, Koki; Takizawa, Yoshiyuki; Haeno, Akira; and Motoyama, Akira, 4,558,213, Cl. 250-214.00R.
Sato, Tetsuo; Kominami, Yasuo; Takizawa, Yoshiyuki; and Haeno, Akira, 4,510,458, Cl. 330-260.000.
Takken, Hendrik J.: *See—*
Kaufhold, Manfred; and Takken, Hendrik J., 4,506,102, Cl. 568-667.000.
Takoushian, John. Portable canine commode. 4,555,132, 11-26-85, Cl. 294-1.500.
Takubo, Hiroichi; and Sasaki, Hiroshi, to Mazda Motor Corporation. Exhaust port structure for rotary piston engines. 4,543,926, 10-1-85, Cl. 123-242.000.
Takubo, Takayuki; and Otake, Yoshichi, to Victor Company of Japan, Ltd. Image pickup device having a holding part. 4,531,159, 7-23-85, Cl. 358-229.000.
Takumi, Hiroshi, to Shinko Kikaikogyo Kabushiki Kaisha. Spring manufacturing machine equipped with two motors. 4,503,694, 3-12-85, Cl. 72-131.000.
Takumi, Horiuchi: *See—*
Toshimasa, Kuroda; Akio, Kimura; Takumi, Horiuchi; Koki, Sasaki; and Terukuni, Ikuta, 4,534,164, Cl. 57-290.000.
Takumi, Nobusuke: *See—*
Honma, Ichiro; Koyama, Arata; Amano, Masatoshi; and Takumi, Nobusuke, 4,551,327, Cl. 423-594.000.
Takumi, Shigeji: *See—*
Watanabe, Toshimitu; Sakai, Masayuki; Minami, Kazutoshi; and Takumi, Shigeji, 4,512,239, Cl. 98-2.030.
Takusagawa, Takashi: *See—*
Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, 4,527,606, Cl. 152-209.00R.
Takushima, Takashi: *See—*
Futatsuishi, Shunichi; Fujita, Shozo; and Takushima, Takashi, 4,495,719, Cl. 40-590.000.
Takuya, Suzuki, to Nippon Gakki Seizo Kabushiki Kaisha. Acoustic resistor in an electroacoustic transducer. 4,525,817, 6-25-85, Cl. 367-140.000.
Talalay, Anselm. Tab applying method and apparatus. 4,504,336, 3-12-85, Cl. 156-64.000.
Talarico, Robert J.: *See—*
Crowman, Stanley W. T.; Dornes, Bryan J.; Paukovits, Edward J., Jr.; Spong, Richard V.; and Talarico, Robert J., 4,557,044, Cl. 29-741.000.
Dornes, Bryan J.; and Talarico, Robert J., 4,555,847, Cl. 29-739.000.
Talavera Corporation: *See—*
Talavera, Victor T., 4,509,725, Cl. 254-212.000.
Talavera, Victor T., to Talavera Corporation. Carpet repair mechanism. 4,509,725, 4-9-85, Cl. 254-212.000.
Talbert, Sherwood G.; Flanigan, Lawrence J.; Corliss, John M.; Hagopian, John G.; and Nunheimer, Thomas P., to Atlantic Richfield Company. Solar collector employing conventional siding, and air distribution system therefor. 4,557,253, 12-10-85, Cl. 126-429.000.
Talbot, Christopher G.: *See—*
Grimbleby, James B.; and Talbot, Christopher G., 4,510,384, Cl. 250-201.000.
Talbot, George M., to Atlantic Control Systems, Inc. Rotary numbering machine. 4,528,905, 7-16-85, Cl. 101-76.000.
Talbot, Marcel G.: *See—*
Plugge, Jerome R., 4,505,490, Cl. 280-63.000.
Talbot, Marie L. C. Egg cracking device. 4,542,584, 9-24-85, Cl. 30-120.100.
Talbot, Robert D., to Harris Corporation. Secure mobile telephone system. 4,555,805, 11-26-85, Cl. 455-26.000.
Talbott, Gene B. Seed germinating apparatus and method. 4,495,725, 1-29-85, Cl. 47-85.000.
Talcott, Thomas D., to Innovative Surgical Products, Inc. Correction of defects in the eye and compositions therefor. 4,537,943, 8-27-85, Cl. 528-15.000.

- Talcott, Thomas D., to Boehringer Mannheim Corporation. Low oiling gel filled articles, siloxane gels and liquids therefor, and methods for producing same. 4,558,112, 12-10-85, Cl. 528-31.000.
- Talibdzhanov, Zakhidzhan S.: *See—*
  - Eschenko, Vladislav Y.; Musaev, Irsali K.; Talibdzhanov, Zakhidzhan S.; Leonov, Viktor A.; Bobrov, Anatoly D.; Kirovsky, Efim I.; Gritsenko, Vladimir A.; and Golovanov, Alexandr V., 4,500,282, Cl. 431-184.000.
- Talish, Roger J.; and Banko, Victor F., to Electro-Biology, Inc. Electromagnetic coil insert for an orthopedic cast or the like. 4,550,714, 11-5-85, Cl. 128-1.500.
- Talke, Frank E.: *See—*
  - Chee-Shuen Lee, Francis; Mills, Ross N.; and Talke, Frank E., 4,499,479, Cl. 346-140.00R.
  - Lee, Francis C.; Mills, Ross N.; Niweigha, Tiefs K.; and Talke, Frank E., 4,492,968, Cl. 346-140.00R.
  - Lee, Francis C.; Mills, Ross N.; Payne, Robert N.; and Talke, Frank E., 4,513,299, Cl. 346-140.00R.
- Talkies International Corp.: *See—*
  - Sadorus, George P., 4,541,188, Cl. 40-152.100.
- Talkington, Howard R.: *See—*
  - Flood, Robert A.; Talkington, Howard R.; Wheelock, Richard A.; and Watts, Robert L., 4,494,938, Cl. 441-33.000.
- Tallant, James C., II, to RCA Corporation. Automatic bias control system with compensated sense point. 4,523,233, 6-11-85, Cl. 358-242.000.
- Tallant, James C., II: *See—*
  - Naimpally, Saiprasad V.; and Tallant, James C., II, 4,494,146, Cl. 358-184.000.
- Tallard, Gilbert R. Underground leachate barrier and method of making same. 4,543,016, 9-24-85, Cl. 405-267.000.
- Talley, John J., to General Electric Company. Method of producing 2,3,6 trimethylphenol. 4,503,270, 3-5-85, Cl. 568-783.000.
- Talley, John J., to General Electric Company. Catalytic hydrodealkylation of alkylated phenols. 4,533,767, 8-6-85, Cl. 568-805.000.
- Talley, John J., to General Electric Company. Zinc oxide catalyzed dealkylation of alkylated phenols. 4,533,768, 8-6-85, Cl. 568-805.000.
- Talley, John J., to General Electric Company. Method of making methylated phenol from methylated cyclohexeneone. 4,533,769, 8-6-85, Cl. 568-806.000.
- Talley, John J., to General Electric Company. Method for making polymethylated phenols. 4,551,563, 11-5-85, Cl. 568-804.000.
- Talley, John J.; Evans, Irene A.; and Lewis, Michael D., to General Electric Company. Catalytic dealkylation of alkylated phenols. 4,560,810, 12-24-85, Cl. 568-805.000.
- Talley, John J.: *See—*
  - Mendiratta, Ashok K.; and Talley, John J., 4,547,596, Cl. 568-751.000.
- Talley, Robert L.: *See—*
  - Hahn, William F.; McAdams, Hiramie T.; and Talley, Robert L., 4,544,101, Cl. 241-24.000.
- Tallian, Tibor E.; and Hingley, Colin G., to SKF Industries, Inc. Spherical roller bearing having reciprocal crowning for skew control. 4,557,613, 12-10-85, Cl. 384-568.000.
- Tallis, Allen A.: *See—*
  - Marzec, Willy; and Tallis, Allen A., 4,548,365, Cl. 242-4.00R.
- Tallman, William R.; McDevitt, Steven C.; and Delancey, Warren H., to Yukon Energy Corporation. Gas-fired condensing mode furnace. 4,515,145, 5-7-85, Cl. 126-99.00A.
- Tallon, Jacques: *See—*
  - Morel, Jacques; and Tallon, Jacques, 4,510,792, Cl. 73-40.700.
- Talmadge, Thomas E.: *See—*
  - Clapper, David D.; and Talmadge, Thomas E., 4,497,147, Cl. 52-105.000.
- Talo, Arnold T. Retracting and locking animal leash. 4,501,230, 2-26-85, Cl. 119-109.000.
- Talo, Leslie C.: *See—*
  - Fellner, Theodore F.; and Talo, Leslie C., 4,513,858, Cl. 198-812.000.
- Talon, Inc.: *See—*
  - Fisher, Harry M.; and Fisher, Stuart N., 4,557,027, Cl. 29-33.200.
  - Moertel, George B., 4,536,143, Cl. 425-115.000.
- Talsma, Robert C.: *See—*
  - Kosrow, Robert L.; and Talsma, Robert C., 4,519,331, Cl. 112-262.300.
- TAM Ceramics, Inc.: *See—*
  - Chu, Mike S. H.; Hodgkins, Charles E.; and Rose, Daniel C., 4,540,676, Cl. 501-138.000.
  - Hodgkins, Charles E.; Rose, Daniel C.; and Coller, Dana L., 4,506,026, Cl. 501-135.000.
- Tam, James P.; Heath, William F., Jr.; and Merrifield, Robert B., to Research Corporation. Peptide synthesis reagents and method of use. 4,507,230, 3-26-85, Cl. 260-112.50R.
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  - Iwamoto, Hiromu; and Tamada, Haruo, 4,544,912, Cl. 340-347.0AD.
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  - Kumokawa, Takashi; Tamada, Minoru; Shimamoto, Ichiji; and Uda, Kiyoko, 4,498,067, Cl. 336-65.000.
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  - Cannata, Vincenzo; and Tamagnone, Gian F., 4,557,866, Cl. 260-239.30P.
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  - Kamada, Kazumasa; Tamai, Katsumi; Shimomura, Yasunori; and Abe, Kazunori, 4,509,163, Cl. 369-284.000.
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  - Fujiwara, Takahisa; Narihisa, Masaaki; and Tamai, Katsuyuki, 4,498,066, Cl. 335-281.000.
- Tamai, Keiko: *See—*
  - Tanihara, Koichi; Tamai, Keiko; and Yasuda, Seiji, 4,530,768, Cl. 210-719.000.
- Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, to Toyama Chemical Co., Ltd. Process for preparing substance having carcinostatic and immunostimulating activity. 4,547,462, 10-15-85, Cl. 435-72.000.
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  - Kamisaka, Makoto; Okamoto, Toshiro; Ohshima, Michio; and Tamai, Mamoru, 4,527,002, Cl. 585-648.000.
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- Tamai, Masayoshi: *See—*
  - Iyoda, Tetsuo; and Tamai, Masayoshi, 4,504,839, Cl. 346-75.000.
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  - Anonuma, Masashi; Tamai, Yasuo; Sato, Tsunehiko; Funabashi, Shinichi; and Ogawa, Hiroshi, 4,511,484, Cl. 252-62.540.
  - Ogawa, Hiroshi; and Tamai, Yasuo, 4,492,734, Cl. 428-424.200.
  - Ogawa, Hiroshi; and Tamai, Yasuo, 4,492,735, Cl. 428-424.200.
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  - Ogawa, Hiroshi; Mizuno, Chiaki; and Tamai, Yasuo, 4,510,203, Cl. 428-425.900.
- Tamai, Yoshin: *See—*
  - Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.
- Tamaki, Hajime: *See—*
  - Wada, Hiroshi; Kawamori, Masatoshi; Tamaki, Hajime; and Onoda, Yuichi, 4,529,602, Cl. 514-569.000.
- Tamaki, Hiroaki; and Nakamura, Joji, to Kabushiki Kaisha Komatsu Seisakusho. Method and apparatus for driving hollow piles into the ground. 4,494,613, 1-22-85, Cl. 173-74.000.
- Tamaki, Hiroshi: *See—*
  - Minami, Masana; Tamaki, Hiroshi; Sasaki, Tsuneo; and Kimura, Kazuaki, 4,507,647, Cl. 340-347.00P.
- Tamaki, Katsuyuki: *See—*
  - Suda, Kenichi; Tamaki, Katsuyuki; Tateishi, Kazushi; and Abe, Kohichiroh, 4,492,994, Cl. 360-85.000.

- Tamaki, Kiyoshi: *See—*
  - Wada, Tsuneo; Tamaki, Kiyoshi; Murata, Hideki; Terada, Sadatugu; and Takagiwa, Hiroyuki, 4,507,378, Cl. 430-137.000.
  - Yamazaki, Hiroshi; and Tamaki, Kiyoshi, 4,520,090, Cl. 430-106.600.
- Tamaki, Makoto: *See—*
  - Sato, Jinichi; Kurusu, Toshiro; Kondo, Naoyoshi; and Tamaki, Makoto, 4,560,571, Cl. 426-594.000.
- Tamaki, Shigeo: *See—*
  - Hozumi, Kazuhiro; and Tamaki, Shigeo, 4,534,381, Cl. 137-625.650.
- Tamamura, Junichi: *See—*
  - Aoki, Shigeo; Tamamura, Junichi; Ukai, Yasuhiro; and Morita, Hideo, 4,497,543, Cl. 350-337.000.
- Tamamura, Toshiaki; and Niwa, Osamu, to Nippon Telegraph & Telephone Public Corporation. Electrically conducting polymer film and method of manufacturing the same. 4,559,112, 12-17-85, Cl. 204-12.000.
- Tamamura, Toshiaki: *See—*
  - Morita, Masao; Tanaka, Akinobu; Imamura, Saburo; Tamamura, Toshiaki; and Kogure, Osamu, 4,507,384, Cl. 430-311.000.
- Tamamushi, Takashige: *See—*
  - Nishizawa, Jun-ichi; Suzuki, Sohbe; Tamamushi, Takashige; and Arisawa, Yasuo, 4,531,156, Cl. 358-213.000.
  - Nishizawa, Junichi; Suzuki, Soubei; and Tamamushi, Takashige, 4,499,654, Cl. 29-571.000.
  - Nishizawa, Junichi; Suzuki, Soubei; and Tamamushi, Takashige, 4,502,203, Cl. 29-571.000.
  - Nishizawa, Junichi; Tamamushi, Takashige; Shimanuki, Koji; and Inuiya, Masafumi, 4,524,391, Cl. 358-213.000.
  - Nishizawa, Junichi; Tamamushi, Takashige; Ando, Fumihiko; Yoshikawa, Shigeo; and Shimanuki, Koji, 4,525,742, Cl. 358-213.000.
  - Nishizawa, Junichi; Suzuki, Sobei; and Tamamushi, Takashige, 4,536,946, Cl. 29-571.000.
- Tamano, Hideki: *See—*
  - Hirota, Kiwami; Tamano, Hideki; and Sakaguchi, Fumio, 4,552,930, Cl. 525-333.800.
- Tamaoki, Eiki: *See—*
  - Kouchi, Takashi; and Tamaoki, Eiki, 4,511,826, Cl. 318-98.000.
- Tamaoki, Tatsuya: *See—*
  - Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, 4,511,560, Cl. 514-27.000.
- Tamaqua Cable Products Corporation: *See—*
  - French, Terry M., 4,508,500, Cl. 425-388.000.
- Tamarack Scientific Co., Inc.: *See—*
  - Sheets, Ronald E.; Barbas, George A.; Doering, Howard W., Jr.; and Bjorkman, John R., 4,555,630, Cl. 250-492.100.
- Tamari, Nobuyuki: *See—*
  - Ebata, Yoshihiro; Tamari, Nobuyuki; Toibana, Yasuo; and Hayami, Ryozo, 4,525,387, Cl. 427-190.000.
- Tamaru, Munetaka; and Suzuki, Naomichi, to Citizen Watch Co., Ltd. Ink transfer thermal printer. 4,550,324, 10-29-85, Cl. 346-76.0PH.
- Tamaru, Shigemi: *See—*
  - Kodera, Toshihiko; Eguchi, Kiyoshi; Ishikawa, Takayoshi; Genba, Yasushi; Tamaru, Shigemi; and Satou, Susumu, 4,497,992, Cl. 200-153.0SC.
  - Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.
- Tamaru, Sinji: *See—*
  - Tsunoda, Takahiro; Yamaoka, Tsuguo; Ohmori, Akira; Tomihashi, Nobuyuki; and Tamaru, Sinji, 4,529,783, Cl. 526-246.000.
- Tamary, Ernest J., to Eastman Kodak Company. Fuser apparatus. 4,496,235, 1-29-85, Cl. 355-3.0FU.
- Tamashasky, Joseph A.: *See—*
  - Fegley, Charles R.; and Tamashasky, Joseph A., 4,513,852, Cl. 198-399.000.
- Tamasovics, John F.: *See—*
  - Balkwill, G. Russell; Robinet, Jules P.; and Tamasovics, John F., 4,496,792, Cl. 174-65.00R.
- Tamatani, Masaaki; Tsuda, Nobuyuki; Koike, Norio; and Ajiro, Sakae, to Tokyo Shibaura Denki Kabushiki Kaisha. Projection type green cathode ray tube, method for manufacturing phosphor screen for the same, and projection video device using the same. 4,518,985, 5-21-85, Cl. 358-60.000.
- Tamate, Masazi: *See—*
  - Kubota, Toru; Tamate, Masazi; and Sauzu, Masaaki, 4,492,955, Cl. 340-636.000.
- Tamatoshi Industries Ltd.: *See—*
  - Itagaki, Takafumi, 4,531,331, Cl. 52-38.000.
- Tamazaki, Kazunori: *See—*
  - Nishimatsu, Masaharu; Kubota, Yuichi; Tamazaki, Kazunori; and Shimada, Shigeru, 4,560,617, Cl. 428-423.100.
- Tamba, Shinichi; Sato, Masato; Watanabe, Kozo; and Yamashita, Masanobu, to Kawasaki Jukogyo Kabushiki Kaisha. Suction air passage of internal combustion engine. 4,548,167, 10-22-85, Cl. 123-41.560.
- Tamba, Shinichi; and Mitadera, Takashi, to Kawasaki Jukogyo Kabushiki Kaisha. Breathing device for four stroke engine. 4,549,520, 10-29-85, Cl. 123-572.000.
- Tamba, Shinichi; and Fukui, Noboru, to Kawasaki Jukogyo Kabushiki Kaisha. Fan housing for engine. 4,561,386, 12-31-85, Cl. 123-41.700.
- Tamba, Shinichi: *See—*
  - Fujikawa, Tetsuzo; Tamba, Shinichi; and Miyake, Hitomi, 4,531,487, Cl. 123-198.0DC.
  - Takada, Toshiyuki; and Tamba, Shinichi, 4,494,491, Cl. 123-41.720.
- Tambo, William: *See—*
  - Coleman, Larry M.; and Tambo, William, 4,519,999, Cl. 423-337.000.
- Tamboers, Gerhard: *See—*
  - Cyriax, Wilhelm; Tamboers, Gerhard; and Holzschuh, Johannes, 4,500,274, Cl. 425-185.000.
- Tamburelli, Giovanni, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Equalizer for the correction of digital signals. 4,504,958, 3-12-85, Cl. 375-12.000.
- Tamburrino, Richard A., to North American Philips Consumer Electronics Corp. Cathode ray tube internal shielding means. 4,517,487, 5-14-85, Cl. 313-407.000.
- Tamburrino, Richard A.: *See—*
  - Pawlikowski, Stanley L.; and Tamburrino, Richard A., 4,524,298, Cl. 313-405.000.
- Tamburro, Peter J., to AT&T Bell Laboratories. Coaxial cable connector. 4,494,816, 1-22-85, Cl. 339-177.00R.
- Tamegai, Satoshi: *See—*
  - Takada, Junji; Minamitake, Masayuki; and Tamegai, Satoshi, 4,558,226, Cl. 250-551.000.
- Tamehiro, Hiroshi; Mazuda, Hiroo; Ohashi, Mamoru; and Onoe, Yasumitsu, to Nippon Steel Corporation. Method of making wrought high tension steel having superior low temperature toughness. 4,521,258, 6-4-85, Cl. 148-12.00F.
- Tameling, Jerome H.: *See—*
  - Silins, Vilnis; and Tameling, Jerome H., 4,547,985, Cl. 37-118.00R.
- Tamer, Gregory G., to RCA Corporation. Synchronization input for television receiver on-screen alphanumeric display. 4,524,387, 6-18-85, Cl. 358-154.000.
- Tames, Esther R. Disposable floor mop. 4,523,347, 6-18-85, Cl. 15-104.940.
- Tamfelt Oy AB: *See—*
  - Lundstrom, Kristian, 4,500,588, Cl. 428-212.000.
  - Lundstrom, Kristian, 4,529,643, Cl. 428-234.000.
  - Lundstrom, Kristian, 4,555,306, Cl. 162-205.000.
  - Lundstrom, Kristian V., 4,540,469, Cl. 162-199.000.
- Tamir, Giora: *See—*
  - Shafrir, Doron; and Tamir, Giora, 4,514,920, Cl. 40-448.000.
- Tamiya, Yoshimichi; and Eguchi, Yasukata, to Janome Sewing Machine Co. Ltd. Sewing machine with an automatic buttonhole stitching device. 4,509,441, 4-9-85, Cl. 112-158.00B.
- Tamm, Franz; Horicke, Bernhard; Welfle, Kurt; Seidel, Michael; Tettke, Wolfgang; and Luckfiel, Karl-Heinz, to VEB Stahl-und Walzwerk "Wilhelm Florin". Method for improving the straightness of rolled steel. 4,551,183, 11-5-85, Cl. 148-12.00R.
- Tamm, Horst: *See—*
  - Kimpel, Rolf-Dieter; Tamm, Horst; Hubner, Wolfgang; and Steiger, Erwin, 4,491,813, Cl. 335-187.000.
  - Kimpel, Rolf-Dieter; Rauterberg, Ulf; and Tamm, Horst, 4,509,025, Cl. 335-85.000.
- Tamm, Rolf G. A.; and Tomoff, Toma, to Bodenseewerk Perkin-Elmer & Co., GmbH. Device for atomizing a sample in flameless atomic absorption spectroscopy. 4,534,646, 8-13-85, Cl. 356-312.000.
- Tamm, Rolf G. A.: *See—*
  - Huber, Bernhard; Tamm, Rolf G. A.; Tomoff, Toma; and Gonner, Winfried, 4,548,497, Cl. 356-312.000.
- Tamminen, Pentti J., to LTH Associates, Ltd. Electrochemical generators and method for the operation thereof. 4,521,497, 6-4-85, Cl. 429-27.000.
- Tamoto, Katsumi: *See—*
  - Terashima, Shiro; Tamoto, Katsumi; and Sugimori, Masamichi, 4,495,103, Cl. 260-351.100.
  - Terashima, Shiro; Tamoto, Katsumi; and Koga, Kenji, 4,501,700, Cl. 260-351.500.
- Tamoto, Koji; Umehara, Akira; Nagano, Teruo; Iwasaki, Masayuki; and Aotani, Yoshimasa, to Fuji Photo Film Co., Ltd. Photopolymerizable compositions. 4,505,793, 3-19-85, Cl. 204-159.160.
- Tamoto, Koji: *See—*
  - Ishikawa, Shun-ichi; Nagano, Teruo; Tamoto, Koji; and Shinozaki, Fumiaki, 4,504,573, Cl. 430-288.000.
  - Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, 4,511,645, Cl. 430-276.000.
- Tamplen, Jack W., to Otis Engineering Corporation. Pulling tool. 4,558,895, 12-17-85, Cl. 294-86.180.
- TAMPOflex GmbH: *See—*
  - Reinhold, Holger, 4,545,301, Cl. 101-163.000.
- Tamukai, Tadao, to Alps Electric Co., Ltd. Method of initializing pen recorder carriage position. 4,503,441, 3-5-85, Cl. 346-139.00R.
- Tamukai, Tadao: *See—*
  - Hori, Fumihisa; Tamukai, Tadao; and Miyajima, Mikio, 4,512,675, Cl. 400-328.000.
- Tamura, Akihiko: *See—*
  - Motohashi, Mitsuo; Nemoto, Mitsugu; and Tamura, Akihiko, 4,536,082, Cl. 355-3.0SH.
- Tamura, Atuyoshi: *See—*
  - Nakashima, Hiroyuki; Tamura, Atuyoshi; Kanbara, Yoichi; and Fujii, Masaharu, 4,559,268, Cl. 428-397.000.
- Tamura Electric Works, Ltd.: *See—*
  - Kaneko, Satoshi, 4,531,050, Cl. 235-1.00D.
  - Kikuchi, Junzo; Sugiura, Ryuzo; Yamamoto, Mutsuhiro; and Yoshida, Toshiro, 4,514,597, Cl. 179-99.00M.
- Tamura, Gakuzo: *See—*
  - Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,500,544, Cl. 514-543.000.

Hosokawa, Tomoyoshi; Matsuura, Ikutoshi; Takahashi, Hidenori; Ando, Kunio; and Tamura, Gakuzo, 4,542,143, Cl. 514-356.000.

Tamura, Harushige: *See*—

Okigami, Noboru; Hayasaka, Hiroshi; Sekiguchi, Yoshitoshi; and Tamura, Harushige, 4,496,306, Cl. 431-8.000.

Tamura, Hidemasa: *See*—

Uedaira, Satoru; Yamanoi, Hiroshi; and Tamura, Hidemasa, 4,520,004, Cl. 423-598.000.

Uedaira, Satoru; Yamanoi, Hiroshi; Suzuki, Masayuki; Tamura, Hidemasa; and Suzuki, Hiroyuki, 4,547,355, Cl. 423-593.000.

Tamura, Hifumi; Okano, Hiroshi; Ishitani, Tohru; and Shimase, Akira, to Hitachi, Ltd. Ion source. 4,560,907, 12-24-85, Cl. 315-111.010.

Tamura, Hifumi: *See*—

Izumi, Eiichi; and Tamura, Hifumi, 4,510,387, Cl. 250-309.000.

Noda, Tamotsu; Tamura, Hifumi; and Okano, Hiroshi, 4,551,650, Cl. 313-362.100.

Tamura, Hiroshi: *See*—

Nakahara, Chizuko; Tanaka, Shigenori; Tamura, Hiroshi; and Matsumoto, Akiyoshi, 4,495,294, Cl. 436-502.000.

Suga, Tateo; Tamura, Hiroshi; Taguchi, Masaaki; and Suzuki, Tokio, 4,560,995, Cl. 346-136.000.

Tamura, Jun; Matsui, Takahiro; and Hozumi, Kazuo, to Kabushiki Kaisha Morita Seisakusho. Balancing device for dental arm. 4,501,557, 2-26-85, Cl. 433-79.000.

Tamura, Jun: *See*—

Kaneko, Kazuyoshi; and Tamura, Jun, 4,500,134, Cl. 297-170.000.

Tamura, Junich: *See*—

Kuroda, Muthmi; Murata, Moriyasu; Takeda, Tsunesi; and Tamura, Junich, 4,526,698, Cl. 252-99.000.

Tamura, Kaoru, to Fuji Photo Film Co., Ltd. Daylight film loading method and apparatus. 4,531,878, 7-30-85, Cl. 414-412.000.

Tamura, Kaoru, to Fuji Photo Film Co., Ltd. Daylight film loading method and apparatus, film and film package used for same. 4,537,307, 8-27-85, Cl. 206-455.000.

Tamura, Kaoru; and Ogo, Yoshimasa, to Tokyo Shibaura Denki Kabushiki Kaisha. X-ray film-holding device with convex cushion members. 4,538,294, 8-27-85, Cl. 378-187.000.

Tamura, Kaoru; and Sakamoto, Kiichiro, to Fuji Photo Film Co., Ltd. Apparatus for mounting a recording medium. 4,540,167, 9-10-85, Cl. 271-11.000.

Tamura, Kaoru; and Yamada, Sadami, to Fuji Photo Film Co., Ltd. Daylight film loading method and apparatus. 4,555,213, 11-26-85, Cl. 414-412.000.

Tamura, Katsumi: *See*—

Fuyama, Moriaki; Tamura, Katsumi; Morijiri, Makoto; Sawahata, Mamoru; and Hachino, Hiroaki, 4,543,573, Cl. 340-781.000.

Tamura, Kazuhisa; and Koshimo, Masahiko, to Kabushiki Kaisha Daikin Seisakusho. Vibration damper assembly. 4,493,674, 1-15-85, Cl. 464-68.000.

Tamura, Kazuhisa; Iida, Kazumi; and Koshimo, Masahiko, to Kabushiki Kaisha Daikin Seisakusho. Vibration damper assembly. 4,559,024, 12-17-85, Cl. 464-63.000.

Tamura, Kohki: *See*—

Horiba, Tatsuo; Iwamoto, Kazuo; Kawana, Hidejiro; Fujita, Kazunori; and Tamura, Kohki, 4,493,878, Cl. 429-12.000.

Horiba, Tatsuo; Fujita, Kazunori; Matsuda, Shinpei; and Tamura, Kohki, 4,550,067, Cl. 429-213.000.

Kahara, Toshiki; Mori, Toshikatsu; Imahashi, Jinichi; Honji, Akio; and Tamura, Kohki, 4,555,452, Cl. 429-13.000.

Tamura, Koichi, to Tokico Ltd. Disc brake subassembly having friction pad retaining means. 4,498,564, 2-12-85, Cl. 188-73.320.

Tamura, Koichi, to Tokico Ltd. Friction pad assembly for a disc brake. 4,537,292, 8-27-85, Cl. 188-73.390.

Tamura, Kouji: *See*—

Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.

Tamura, Kunimitsu; and Hosonuma, Kunihiko, to Nippon Mining Co., Ltd.; and Mitsui Engineering & Shipbuilding Co., Ltd. Lubricating oil for diesel engines. 4,513,155, 4-23-85, Cl. 585-13.000.

Tamura, Kunio, to Pioneer Electronic Corporation. Tracking servo system. 4,562,565, 12-31-85, Cl. 369-44.000.

Tamura, Manabu: *See*—

Kondo, Tatsuo; Tamura, Manabu; Tanimura, Masayuki; and Kamemura, Yoshiki, 4,556,423, Cl. 75-125.000.

Tamura, Masami, to Nippondenso Co., Ltd. Heat exchanger with adhesive seals. 4,546,822, 10-15-85, Cl. 165-149.000.

Tamura, Masamitsu: *See*—

Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.

Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, to Hitachi, Ltd. Method of manufacturing single-crystal film. 4,498,951, 2-12-85, Cl. 156-612.000.

Tamura, Masao: *See*—

Takemoto, Iwao; Ohba, Shiya; Aoki, Masakazu; Ando, Haruhisa; Nakai, Masaaki; Ozaki, Toshifumi; Tamura, Masao; and Miyao, Masanobu, 4,551,742, Cl. 357-31.000.

Tamura, Masaru: *See*—

Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.

Tamura, Masuhiko: *See*—

Kitamura, Takanori; Matsumoto, Mitsuo; and Tamura, Masuhiko, 4,500,727, Cl. 560-179.000.

Matsumoto, Mitsuo; Yoshimura, Noriaki; and Tamura, Masuhiko, 4,510,332, Cl. 568-454.000.

Yoshimura, Noriaki; and Tamura, Masuhiko, 4,510,331, Cl. 568-450.000.

Tamura, Mitsuhisa: *See*—

Suzukamo, Gohfu; Tamura, Mitsuhisa; and Fukao, Masami, 4,547,586, Cl. 560-211.000.

Tamura, Mitsuo: *See*—

Ida, Jinsei; Fujita, Tsutomu; Matsuo, Kenzaburo; Higuchi, Fumio; and Tamura, Mitsuo, 4,503,596, Cl. 29-568.000.

Tamura, Morio: *See*—

Hashimoto, Hisayoshi; and Tamura, Morio, 4,517,878, Cl. 91-396.000.

Tamura, Naoyuki: *See*—

Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, 4,542,712, Cl. 118-726.000.

Tamura, Paul S.; and Strehlow, Robert J., to Oximetrix, Inc. Controller for resistive heating element. 4,523,084, 6-11-85, Cl. 219-497.000.

Tamura, Paul S.; and Strehlow, Robert J., to Oximetrix, Inc. Current controller for resistive heating element. 4,549,073, 10-22-85, Cl. 219-497.000.

Tamura, Raymond M. Pollution reducing aircraft propulsion. 4,519,563, 5-28-85, Cl. 244-208.000.

Tamura, Sadahiro; and Nishikawa, Toshio, to Murata Manufacturing Co., Ltd. Apparatus for detecting variation of electrostatic capacitance. 4,528,655, 7-9-85, Cl. 369-126.000.

Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, to Kabushiki Kaisha Kobe Seiko Sho. Pulverizing, drying and transporting system for injecting a pulverized fuel into a blast furnace. 4,541,572, 9-17-85, Cl. 241-31.000.

Tamura, Shingo: *See*—

Hattori, Osamu; and Tamura, Shingo, 4,538,254, Cl. 369-43.000.

Kadono, Motoaki; and Tamura, Shingo, 4,514,446, Cl. 428-35.000.

Nishiguchi, Takashi; and Tamura, Shingo, 4,504,940, Cl. 369-126.000.

Tamura, Shohei; Sasaki, Sadamitsu; Sasaki, Takeshi; Ichinose, Hisashi; Nakamoto, Keiji; Abe, Masao; and Nakazawa, Hitoshi, to Nitto Electric Industrial Co., Ltd. Electroconductive porous film and process for producing same. 4,556,623, 12-3-85, Cl. 430-83.000.

Tamura, Shuichi: *See*—

Harigaya, Isao; Tamura, Shuichi; Matsuda, Mutsuhide; Hirohata, Michio; Ito, Fumio; and Taguchi, Tetsuya, 4,496,227, Cl. 354-289.120.

Ogawa, Masahiko; Tamura, Shuichi; Matsuda, Mutsuhide; and Kinoshita, Takao, 4,529,304, Cl. 356-1.000.

Tamura, Tadashi; Nakao, Etsuro; and Yamazaki, Hiroaki, to Carl Freudenberg, Firma. Electrode separator for an electric cell. 4,551,402, 11-5-85, Cl. 429-254.000.

Tamura, Tadashi: *See*—

Kondo, Kouichi; and Tamura, Tadashi, 4,507,666, Cl. 346-76.0PH.

Tamura, Takahiro; Kuno, Hiroaki; Uchikawa, Naoshi; Murayama, Akira; and Mizuno, Takao, to Hitachi, Ltd. Scroll-type compressor. 4,545,747, 10-8-85, Cl. 418-55.000.

Tamura, Takahiro: *See*—

Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, 4,551,082, Cl. 418-55.000.

Mizuno, Takao; Uchikawa, Naoshi; Murayama, Akira; and Tamura, Takahiro, 4,518,324, Cl. 417-366.000.

Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.

Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, 4,560,330, Cl. 418-55.000.

Tamura, Takashi; and Kawata, Shun, to Konishiroku Photo Industry Co., Ltd. Toner dispensing apparatus. 4,491,161, 1-1-85, Cl. 141-364.000.

Tamura, Takashi, to Konishiroku Photo Industry Co., Ltd. Paper feeding device. 4,516,764, 5-14-85, Cl. 271-34.000.

Tamura, Takashi, to Konishiroku Photo Industry Co., Ltd. Apparatus for driving optical system for exposure of a copying machine. 4,540,273, 9-10-85, Cl. 355-8.000.

Tamura, Takashi; and Ikeda, Masami, to Sanyo Electric Co., Ltd. Infrared detector and method of producing the same. 4,542,294, 9-17-85, Cl. 250-338.000.

Tamura, Takasi: *See*—

Saito, Sigeru; Shimizu, Takahiko; and Tamura, Takasi, 4,522,525, Cl. 401-258.000.

Tamura, Teizo: *See*—

Shibata, Akira; Konosu, Makoto; Tamura, Teizo; Hirose, Koichi; Miura, Kuniaki; Kojima, Noboru; and Komatsu, Keiichi, 4,497,004, Cl. 360-108.000.

Tamura, Tetsuomi: *See*—

Kodama, Hisashi; Hamamoto, Tooru; Tamura, Tetsuomi; Sato, Katsujiro; and Yamada, Kazuharu, 4,535,734, Cl. 123-90.580.

Tamura, Tooru: *See*—

Ito, Akio; Matsuda, Shunsuke; Murakami, Yoshinobu; and Tamura, Tooru, 4,536,267, Cl. 204-159.230.

Mochizuki, Hideaki; and Tamura, Tooru, 4,555,746, Cl. 361-323.000.

Tamura, Toshifumi: *See*—

Ozeki, Takeshi; and Tamura, Toshifumi, 4,511,208, Cl. 350-96.160.

- Tamura, Yasuji, to Sanden Corporation. Capacity control device for controlling a variable displacement compressor in an air conditioning system. 4,539,821, 9-10-85, Cl. 62-228.500.
- Tamura, Yasuyuki, to Canon Kabushiki Kaisha. Image making system and apparatus therefor. 4,514,081, 4-30-85, Cl. 355-14.00R.
- Tamura, Yasuyuki; Nakaoka, Masaki; Miyagi, Ken; Nogashima, Nao; Sue, Yasuhiko; Suda, Masashi; and Ariga, Masao, to Canon Kabushiki Kaisha. Data transmission system. 4,547,628, 10-15-85, Cl. 178-2.00B.
- Tamura, Yasuyuki, to Canon Kabushiki Kaisha. Image processing method and apparatus. 4,561,024, 12-24-85, Cl. 358-287.000.
- Tamura, Yasuyuki: *See—*
  - Kaneko, Shuzo; Tamura, Yasuyuki; and Takahashi, Tohru. 4,493,882, Cl. 430-97.000.
  - Kaneko, Shuzo; and Tamura, Yasuyuki, 4,547,787, Cl. 346-160.000.
  - Sue, Yasuhiko; Ariga, Masao; Tamura, Yasuyuki; Nagashima, Nao; Miyagi, Ken; Nakaoka, Masaki; and Suda, Masashi, 4,549,219, Cl. 358-257.000.
- Tamura, Yorikazu; Aoki, Akihiro; and Shimada, Keizo, to Teijin Limited. Aromatic polyamide composition and processes for preparing film and fiber therefrom. 4,529,763, 7-16-85, Cl. 524-230.000.
- Tamura, Yorikazu; Sadanobu, Jiro; and Nakamura, Tsutomu, to Teijin Limited. Dimensionally stable poly-m-phenylene isophthalamide film. 4,539,393, 9-3-85, Cl. 528-348.000.
- Tamura, Yoshiharu, to Nippon Electric Co., Ltd. Miniaturized antenna duplexer using SAW filter. 4,509,165, 4-2-85, Cl. 370-38.000.
- Tamura, Yoshiharu, to NEC Corporation. Output power control circuit for power amplifier. 4,510,460, 4-9-85, Cl. 330-285.000.
- Tamura, Yoshio; Ito, Takaaki; and Morino, Toshiharu, to Toyota Jidosha Kabushiki Kaisha; and Aisan Industry Co., Ltd. Variable venturi-type carburetor. 4,508,664, 4-2-85, Cl. 261-44.00C.
- Tamura, Yoshio: *See—*
  - Arika, Junji; Itabashi, Keiji; and Tamura, Yoshio, 4,530,824, Cl. 423-328.000.
- Tamura, Yoshitomo: *See—*
  - Yoshida, Muneo; and Tamura, Yoshitomo. 4,557,816, Cl. 204-255.000.
- Tamura, Yukio; Kaminishi, Masashi; and Kato, Yutaka, to Kabushiki Kaisha Komatsu Seisakusho. Track-type vehicle undercarriage. 4,522,451, 6-11-85, Cl. 305-18.000.
- Tamura, Yukio; and Kaminishi, Masashi, to Kabushiki Kaisha Komatsu Seisakusho. Track-type vehicle undercarriage. 4,555,146, 11-26-85, Cl. 305-10.000.
- Tamura, Yutaka: *See—*
  - Kida, Koichi; Kawai, Yoshio; Tamura, Yutaka; and Suzuki, Yoshiharu, 4,536,605, Cl. 585-640.000.
- Tan, Archie; and Fencl, Vernon R., to Grotnes Metalforming Systems, Inc. Machine for welding automotive wheel rim blanks. 4,562,326, 12-31-85, Cl. 219-59.100.
- Tan, Ewe-Hong: *See—*
  - Wolff, Siegfried; and Tan, Ewe-Hong, 4,517,336, Cl. 524-571.000.
- Tan, Kok K., to Everbloom Mushrooms. Mushroom cultivation. 4,542,608, 9-24-85, Cl. 47-1.100.
- Tan, Larry K. Vending machine with dispensing operating system movable in X-Y coordinate axes. 4,560,088, 12-24-85, Cl. 221-75.000.
- Tan, Sing L.: *See—*
  - Jackson, Richard N.; and Tan, Sing L., 4,520,385, Cl. 358-12.000.
- Tan, Swie-In: *See—*
  - Ainslie, Norman G.; and Tan, Swie-In, 4,534,811, Cl. 156-73.100.
- Tan, Tai Ho; and Williams, Arthur H., to United States of America, Energy. Apparatus for recording emissions from a rapidly generated plasma from a single plasma producing event. 4,542,290, 9-17-85, Cl. 250-213.0VT.
- Tan, Toshimi: *See—*
  - Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
  - Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.
- Tan, Yoichi, to Fuji Xerox Co., Ltd. Digital signal transmitting method. 4,502,137, 2-26-85, Cl. 370-85.000.
- Tan, Yoichi, to Fuji Xerox Co., Ltd. Digital transmission system. 4,507,778, 3-26-85, Cl. 370-94.000.
- Tan, Yoichi, to Fuji Xerox Co., Ltd. Digital signal transmission system. 4,510,600, 4-9-85, Cl. 370-94.000.
- Tan, Yoichi; and Miyao, Fumio, to Fuji Xerox Co., Ltd. Carrier wave reproducing circuit in synchronized detection system of medium speed facsimile. 4,517,531, 5-14-85, Cl. 331-14.000.
- Tan, Yoichi; and Miyao, Fumio, to Fuji Xerox Co., Ltd. Digital signal transmission system. 4,525,837, 6-25-85, Cl. 370-85.000.
- Tan, Yoichi, to Fuji Xerox Co., Ltd. Digital signal repeating system. 4,535,450, 8-13-85, Cl. 370-94.000.
- Tan, Yoichi: *See—*
  - Kume, Hiroshi; and Tan, Yoichi, 4,516,240, Cl. 370-85.000.
  - Kume, Hiroshi; and Tan, Yoichi, 4,536,875, Cl. 370-85.000.
- Tanabashi, Toshifumi: *See—*
  - Itoh, Senji; Tanabashi, Toshifumi; and Ishibashi, Kazuhisa, 4,552,605, Cl. 156-273.300.
- Tanabe, Eizo: *See—*
  - Kina, Hideki; Iijima, Toshiyuji; Tanabe, Eizo; Kazama, Toyoki; and Namba, Masaharu, 4,522,904, Cl. 430-54.000.
- Tanabe, Hideo: *See—*
  - Kumada, Masaharu; Tanabe, Hideo; Yuhara, Katsuo; Misumi, Akira; and Kawasaki, Hiroshi, 4,543,441, Cl. 136-249.000.
  - Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, 4,544,591, Cl. 428-65.000.
- Tanabe, Hiroshi: *See—*
  - Mori, Haruo; Ohno, Yasuo; Ohta, Yutaka; Tanabe, Hiroshi; and Kato, Kotaro, 4,530,001, Cl. 357-49.000.
- Tanabe, Hisaki: *See—*
  - Umemoto, Hirotoshi; Tanabe, Hisaki; Yamada, Mitsuo; and Nakano, Shinji, 4,501,863, Cl. 525-443.000.
  - Umemoto, Hirotoshi; Tanabe, Hisaki; and Nakano, Shinji, 4,535,128, Cl. 525-162.000.
- Tanabe, Kenzo; and Shimizu, Keiichiro, to Matsushita Electric Industrial Co., Ltd. Electronically controlled variable semiconductor resistor. 4,510,517, 4-9-85, Cl. 357-34.000.
- Tanabe, Kenzo; and Suzuki, Junji, to Matsushita Electric Industrial Co., Ltd. Level detector. 4,513,209, 4-23-85, Cl. 307-350.000.
- Tanabe, Masao: *See—*
  - Terasaka, Yoshiyasu; Tanabe, Masao; and Hori, Masanori, 4,549,079, Cl. 250-339.000.
- Tanabe, Minoru, to Matsushita Electric Industrial Co., Ltd. Automatic cassette loading apparatus. 4,561,031, 12-24-85, Cl. 360-96.500.
- Tanabe, Osami; Aoki, Kozo; Ogawa, Akira; and Umemoto, Makoto, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,552,836, 11-12-85, Cl. 430-549.000.
- Tanabe, Osami: *See—*
  - Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, 4,500,635, Cl. 430-552.000.
  - Aoki, Kozo; Ogawa, Akira; and Tanabe, Osami, 4,557,999, Cl. 430-385.000.
  - Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, 4,513,081, Cl. 430-550.000.
  - Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; and Ukai, Toshinao, 4,552,837, Cl. 430-550.000.
- Tanabe Seiyaku Co., Ltd.: *See—*
  - Chibata, Ichiro; Yamada, Shigeki; Hongo, Chikara; and Yoshioka, Ryuzo, 4,519,955, Cl. 260-501.120.
  - Chibata, Ichiro; Tosa, Tetsuya; and Takamatsu, Satoru, 4,526,867, Cl. 435-178.000.
  - Matsumoto, Kazuo; Takabe, Seiichi; and Takashima, Kohki, 4,535,089, Cl. 514-374.000.
  - Oh-ishi, [illegible]; Takeda, Mikio; Nakajima, Hiromichi; and Nagao, Taku, 4,521,430, Cl. [illegible].
  - Oine, Toyonari; Yamada, Yoshihisa; Wagatsuma, Mitsuyoshi; Yamaguchi, Totaro; and Ohshima, Satoshi, 4,547,494, Cl. 514-204.000.
  - Samejima, Masayoshi; Hirata, Goichi; and Ishibashi, Takashi, 4,542,042, Cl. 427-213.360.
  - Wada, Hiroshi; Kawamori, Masatoshi; Tamaki, Hajime; and Onoda, Yuichi, 4,529,602, Cl. 514-569.000.
  - Yoneda, Naoto; Kato, Jyoji; Hayashi, Kimiaki; Ochiai, Takashi; and Kinashi, Keizo, 4,508,727, Cl. 514-398.000.
- Tanabe, Sohei: *See—*
  - Nakayama, Masahiro; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
- Tanabe, Takeshi: *See—*
  - Sakamoto, Yukio; and Tanabe, Takeshi, 4,514,782, Cl. 361-306.000.
  - Sakamoto, Yukio; and Tanabe, Takeshi, 4,532,573, Cl. 361-307.000.
- Tanabe, Toshio; and Kita, Masakazu, to Matsushita Electric Works, Ltd. Electric shaver having improved shaving characteristics. 4,512,077, 4-23-85, Cl. 30-43.000.
- Tanabe, Toshio: *See—*
  - Ando, Hiroyuki; Tanabe, Toshio; and Ihara, Shinji, 4,555,849, Cl. 30-388.000.
  - Tanahashi, Masao; Tanabe, Toshio; and Otsuka, Kiyotaka, 4,493,149, Cl. 30-43.920.
- Tanabe, Toshiyuki, to Kabushiki Kaisha Komatsu Seisakusho. Apparatus for angularly positioning a rotary member. 4,499,792, 2-19-85, Cl. 74-825.000.
- Tanabe, Yoshiaki: *See—*
  - Hasegawa, Hiroshi; Nakano, Yoshiyuki; and Tanabe, Yoshiaki, 4,491,404, Cl. 354-416.000.
- Tanabe, Yoshimitsu: *See—*
  - Yamaguchi, Keizaburo; Sugimoto, Kenichi; Tanabe, Yoshimitsu; Kawashima, Saburo; and Yamaguchi, Akihiro, 4,540,818, Cl. 564-330.000.
- Tanabe, Yoshio, to Alps Electric Co., Ltd. Snap action slide switch with wiping action. 4,506,119, 3-19-85, Cl. 200-16.00C.
- Tanabe, Zenichi; Itoh, Katsuhisa; and Watanabe, Yoshiaki, to Sumitomo Light Metal Industries, Ltd. Electrolytic method of producing a high purity aluminum-lithium mother alloy. 4,521,284, 6-4-85, Cl. 204-71.000.
- Tanabe, Zenichi: *See—*
  - Ohashi, Azusa; Sakaki, Hirokazu; Nakanishi, Haruo; Tanabe, Zenichi; Tsuchida, Shin; and Hayashi, Yoshikatsu, 4,547,274, Cl. 204-129.400.
- Tanac Engineering Kabushiki Kaisha: *See—*
  - Takeda, Shuji, 4,526,329, Cl. 242-155.00M.
- Tanagho, Emil A.: *See—*
  - Schmidt, Richard A.; and Tanagho, Emil A., 4,520,821, Cl. 128-334.00R.
- Tanahashi, Ichiroh: *See—*
  - Nishino, Atsushi; Yoshida, Akihiko; and Tanahashi, Ichiroh, 4,562,511, Cl. 361-324.000.

Tanahashi, Masao; Tanabe, Toshio; and Otsuka, Kiyotaka, to Matsushita Electric Works, Ltd. Reciprocal blade assembly of electric shaver. 4,493,149, 1-15-85, Cl. 30-43.920.

Tanahashi, Takashi; Takai, Mitsuo; and Uemura, Masahito, to Matsushita Electric Industrial Co., Ltd. Hot-water washing apparatus for personal hygiene. 4,559,651, 12-24-85, Cl. 4-443.000.

Tanahashi, Toru, to Mitsubishi Denki Kabushiki Kaisha. Safety apparatus for elevator. 4,519,479, 5-28-85, Cl. 187-29.00R.

Tanahashi, Toshifumi; and Itoh, Senji, to Toyo Seikan Kaisha, Ltd. Composite material for packaging containers. 4,533,576, 8-6-85, Cl. 428-35.000.

Tanaka, Akihiko: *See*—
- Ohkuma, Takeo; and Tanaka, Akihiko, 4,505,484, Cl. 277-94.000.

Tanaka, Akimasa: *See*—
- Okano, Masami; Tanaka, Akimasa; Suzuki, Takeshi; Ishida, Akira; and Miyazaki, Tatsuo, 4,531,039, Cl. 219-60.00R.

Tanaka, Akinobu: *See*—
- Morita, Masao; Tanaka, Akinobu; Imamura, Saburo; Tamamura, Toshiaki; and Kogure, Osamu, 4,507,384, Cl. 430-311.000.

Tanaka, Akio. Apparatus and method for the combustion of water-in-oil emulsion fuels. 4,519,769, 5-28-85, Cl. 431-4.000.

Tanaka, Akio; and Kamo, Yasuo, to Kabushiki Kaisha Hosokawa Funtai Kogaku Kenkyusho. Vertical type pulverizing and classifying apparatus. 4,550,879, 11-5-85, Cl. 241-52.000.

Tanaka, Akira; Seiki, Kazuo; and Nakamura, Haruyoshi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for piecing fasciated yarn. 4,545,193, 10-8-85, Cl. 57-261.000.

Tanaka, Akira; Tsunekawa, Takahiko; Seiki, Kazuo; and Nakamura, Haruyoshi, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Method for piecing fasciated yarn. 4,550,560, 11-5-85, Cl. 57-261.000.

Tanaka, Akira: *See*—
- Fukuroi, Takeo; Omori, Shigenori; and Tanaka, Akira, 4,494,922, Cl. 425-324.100.
- Kamei, Seisuke; Tanaka, Toshiaki; Hayashi, Kazutoshi; Tanaka, Akira; and Kinoshita, Ryohei, 4,529,849, Cl. 200-5.00A.
- Mizuhara, Hisayoshi; Omori, Shigenori; and Tanaka, Akira, 4,501,547, Cl. 425-391.000.
- Saikawa, Masahiko; Kanada, Eiji; Tanaka, Akira; and Endo, Kazunaka, 4,501,811, Cl. 430-204.000.
- Ziv, Avraham; and Tanaka, Akira, 4,492,348, Cl. 242-107.200.

Tanaka, Atsuo: *See*—
- Donomoto, Tadashi; and Tanaka, Atsuo, 4,492,265, Cl. 164-493.000.
- Donomoto, Tadashi; Tatematsu, Yoshiaki; and Tanaka, Atsuo, 4,530,875, Cl. 428-283.000.
- Funatani, Kiyoshi; Donomoto, Tadashi; Tanaka, Atsuo; and Tatematsu, Yoshiaki, 4,548,253, Cl. 164-80.000.
- Okumura, Kunio; Fukuyama, Yasuo; and Tanaka, Atsuo, 4,517,719, Cl. 29-124.000.

Tanaka, Atsuyuki, to Minolta Camera Kabushiki Kaisha. Computerized information processing system equipped with copying apparatus. 4,494,862, 1-22-85, Cl. 355-14.00C.

Tanaka, Fujio: *See*—
- Tanaka, Shinsuke; Tanaka, Fujio; Nagao, Yasuyuki; Imamura, Nobutake; and Ota, Chuichi, 4,559,573, Cl. 360-131.000.

Tanaka, Fumihiro: *See*—
- Moteki, Murato; Shimada, Yoshio; Tanaka, Fumihiro; Watanabe, Fumio; and Komatsu, Kazuyuki, 4,540,992, Cl. 346-76.0PH.

Tanaka, Fuminari; and Iwamoto, Yoshihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Dynamic read only memory. 4,532,612, 7-30-85, Cl. 365-227.000.

Tanaka, Fusatoshi, to Mazda Motor Corporation. Cam shaft holding system for internal combustion engine. 4,534,325, 8-13-85, Cl. 123-90.270.

Tanaka, Goro: *See*—
- Suzuki, Hiroshi; Tanaka, Goro; Nishikawa, Akio; Mukai, Junji; Sato, Mikio; Makino, Daisuke; and Wakashima, Yoshiaki, 4,494,217, Cl. 365-53.000.

Tanaka, Haruhiko: *See*—
- Kongoh, Takeshi; and Tanaka, Haruhiko, 4,532,876, Cl. 112-454.000.
- Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, 4,539,669, Cl. 369-75.200.

Tanaka, Harumi; and Iwata, Takashi, to Minolta Camera Kabushiki Kaisha. Exposure control shutter of a camera. 4,527,876, 7-9-85, Cl. 354-229.000.

Tanaka, Haruto; Yamaki, Kiyoshi; and Suzuki, Hidetaka, to Nissan Motor Company, Limited. Road map display system with indications of a vehicle position and destination. 4,543,572, 9-24-85, Cl. 340-723.000.

Tanaka, Haruto: *See*—
- Kuroki, Junsuke; Irie, Namio; and Tanaka, Haruto, 4,518,169, Cl. 280-6.00R.
- Yamaki, Kiyoshi; Suzuki, Hidetaka; Tanaka, Haruto; and Takeuchi, Yasuhisa, 4,527,155, Cl. 340-727.000.

Tanaka, Hideaki; Fujita, Kunihiro; and Ushiroda, Mitsuhiro, to Mitsuboshi Belting Ltd. Power transmission belt. 4,504,258, 3-12-85, Cl. 474-263.000.

Tanaka, Hideharu; Sekiya, Mutsuo; and Uchikawa, Fusaoki, to Mitsubishi Denki Kabushiki Kaisha. Muffler for exhaust gas from an internal combustion engine. 4,523,662, 6-18-85, Cl. 181-249.000.

Tanaka, Hidehiko: *See*—
- Ise, Masahiro; Machino, Katsuyuki; Tanaka, Hidehiko; and Matsubara, Toshiyuki, 4,517,548, Cl. 340-310.00R.
- Ise, Masahiro; Tanaka, Hidehiko; and Machino, Katsuyuki, 4,528,677, Cl. 375-36.000.
- Ise, Masahiro; Tanaka, Hidehiko; Machino, Katsuyuki; Matsubara, Toshiyuki; and Terasaka, Teiji, 4,554,532, Cl. 340-501.000.

Tanaka, Hideki; Kamimura, Masanori; Horikawa, Koji; and Kawasaki, Katsuyuki, to Mazda Motor Corporation. Belt-pulley drive mechanism. 4,525,158, 6-25-85, Cl. 474-167.000.

Tanaka, Hideki: *See*—
- Oda, Tatsuro; Tanaka, Hideki; Yoshioka, Sadashichi; and Yokooku, Katsuhiko, 4,508,076, Cl. 123-339.000.

Tanaka, Hideo; and Muranaka, Shiaru, to Shibuya Kogyo Co., Ltd. Rotary type capping apparatus. 4,535,583, 8-20-85, Cl. 53-75.000.

Tanaka, Hideo: *See*—
- Miyashita, Yoshikazu; Muranaka, Shiaru; and Tanaka, Hideo, 4,554,774, Cl. 53-52.000.
- Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, 4,499,265, Cl. 544-16.000.
- Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, 4,532,077, Cl. 260-245.400.

Tanaka, Hideshi, to Victor Company of Japan, Ltd. Tone control for thermal ink-transfer printing apparatus. 4,532,523, 7-30-85, Cl. 346-76.0PH.

Tanaka, Hideshi, to Victor Company of Japan, Ltd. Heating control device for a thermal ink-transfer type printing apparatus. 4,536,771, 8-20-85, Cl. 346-76.0PH.

Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, to Victor Company of Japan, Ltd. Circuit arrangement for digitizing and storing color video signal. 4,549,201, 10-22-85, Cl. 358-13.000.

Tanaka, Hideshi: *See*—
- Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.
- Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.
- Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.

Tanaka, Hidetake, to Ricoh Company, Ltd. Method and apparatus for adjusting operation time of servosystem. 4,532,463, 7-30-85, Cl. 318-616.000.

Tanaka, Hideto, to Alps Electric Co., Ltd. Linearly parallel multipen recorder. 4,533,922, 8-6-85, Cl. 346-1.100.

Tanaka, Hidetoshi: *See*—
- Aoki, Tomohiro; and Tanaka, Hidetoshi, 4,561,767, Cl. 355-26.000.

Tanaka, Hideyo; and Harada, Mineo, to Hitachi, Ltd. Serial printer with dot matrix type print head. 4,543,001, 9-24-85, Cl. 400-212.000.

Tanaka, Hiroaki; and Akita, Shigeyuki, to Nippon Soken, Inc. Capacitive-type incremental and reference angular rotation detecting apparatus. 4,499,465, 2-12-85, Cl. 340-870.370.

Tanaka, Hiroaki, to Sharp Kabushiki Kaisha. Polarizer with electrode thereon in a liquid crystal display. 4,514,041, 4-30-85, Cl. 350-337.000.

Tanaka, Hiroaki; and Akita, Shigeyuki, to Nippon Soken, Inc. Rotational direction and angle detecting apparatus. 4,523,195, 6-11-85, Cl. 340-870.370.

Tanaka, Hirohisa: *See*—
- Hamada, Tooru; Tanaka, Hirohisa; and Ishihara, Tomoo, 4,527,679, Cl. 192-3.580.

Tanaka, Hirokazu: *See*—
- Ikushima, Koichi; Tanaka, Hirokazu; Osamu, Ohe; Kino, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; Arakawa, Akira; and Imanaka, Hiroshi, 4,530,845, Cl. 514-453.000.
- Katagi, Takashi; Makino, Shigeru; Tanaka, Hirokazu; and Kobayashi, Yuji, 4,506,270, Cl. 343-914.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,504,584, Cl. 435-253.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; and Hashimoto, Masashi, 4,512,980, Cl. 514-18.000.
- Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Aratani, Matsuhiko; Takeno, Hidekazu; Okada, Satoshi; Tanaka, Hirokazu; Hashimoto, Masashi; Kuroda, Yoshio; Iguchi, Eiko; Kohsaka, Masanobu; Aoki, Hatsuo; and Imanaka, Hiroshi, 4,539,155, Cl. 260-112.50R.

Tanaka, Hiroki: *See*—
- Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, 4,532,771, Cl. 62-6.000.

Tanaka, Hiromichi; Kimura, Hiroyuki; Noda, Tsutomu; Arai, Takao; Kobayashi, Masaharu; and Inoue, Shigeki, to Hitachi, Ltd. Digital player using a pulse width detector. 4,562,549, 12-31-85, Cl. 364-486.000.

Tanaka, Hiromoto: *See*—
- Suzuki, Mamoru; and Tanaka, Hiromoto, 4,538,994, Cl. 434-219.000.
- Suzuki, Mamoru; and Tanaka, Hiromoto, 4,545,767, Cl. 434-224.000.

Tanaka, Hiroshi. Device for detecting aging of developer for automatic film developing apparatus. 4,505,565, 3-19-85, Cl. 354-299.000.

Tanaka, Hiroshi; and Iwata, Yoshitaka, to Mitsubishi Keikinzoku Kogyo Kabushiki Kaisha. Mirrors and method of manufacturing the same. 4,508,425, 4-2-85, Cl. 350-641.000.

Tanaka, Hiroshi; and Yamamoto, Yoshihiro. Manufacturing process for sintered ceramic body for cutting tools. 4,518,398, 5-21-85, Cl. 51-309.000.

Tanaka, Hiroshi; Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, to Nittan Company, Limited. Sensor test circuit of an alarm system. 4,518,952, 5-21-85, Cl. 340-514.000.

Tanaka, Hiroshi; Sugisaki, Mutuo; and Itoh, Kazuhiro, to Honda Giken Kogyo Kabushiki Kaisha. Sealing device. 4,539,895, 9-10-85, Cl. 92-249.000.

Tanaka, Hiroshi: *See*—
  Itoh, Kazuhiro; Sugisaki, Mutsuo; and Tanaka, Hiroshi, 4,532,685, Cl. 29-156.40R.
  Kumazawa, Toshiaki; Oiji. Yoshimasa; Tanaka, Hiroshi; and Shuto, Katsuichi, 4,547,496, Cl. 514-218.000.
  Ohtake, Yasuhisa; Tanaka, Hiroshi; and Oka, Koichiro, 4,536,226, Cl. 148-12.00C.

Tanaka, Hirotoshi: *See*—
  Harada, Yutaka; Yamashita, Kunio; Kotera, Nobuo; and Tanaka, Hirotoshi, 4,518,868, Cl. 307-306.000.

Tanaka, Hiroyuki: *See*—
  Tokutake, Kunihiko; Mizokami, Nobuo; and Tanaka, Hiroyuki, 4,510,807, Cl. 73-432.00R.
  Tomoda, Masayasu; Kawachi, Shoji; and Tanaka, Hiroyuki, 4,491,536, Cl. 252-511.000.

Tanaka, Hisami: *See*—
  Takenouchi, Osamu; Nguyen Chanh, Khe; Kawara, Tatsuo; and Tanaka, Hisami, 4,504,560, Cl. 430-72.000.

Tanaka, Hitoshi: *See*—
  Miyazaki, Tomohiro; Tanaka, Hitoshi; Matsumoto, Goro; Matsuhisa, Noboru; and Omatoi, Susumu, 4,544,605, Cl. 428-404.000.

Tanaka, Hozumi: *See*—
  Ogata, Naoya; Sanui, Kohei; Azuma, Chiaki; Tanaka, Hozumi; Oguchi, Kiyoshi; Takahashi, Yoichi; and Nakada, Tomihiro, 4,556,619, Cl. 430-17.000.

Tanaka, Ichiro: *See*—
  Noh, Akihiko; Saijo, Yoshiaki; Sato, Shinichi; and Tanaka, Ichiro, 4,543,970, Cl. 134-62.000.

Tanaka, Ikuo: *See*—
  Daiguji, Hisashi; and Tanaka, Ikuo, 4,557,007, Cl. 14-22.000.

Tanaka, Isamu; Kikuchi, Hiroshi; Tomizawa, Akira; and Oka, Hitoshi, to Hitachi, Ltd. Epoxy resin composition. 4,555,532, 11-26-85, Cl. 523-400.000.

Tanaka, Isao; and Inaba, Takao, to Pilot Ink Co., Ltd. Writing pen with space behind nib. 4,496,258, 1-29-85, Cl. 401-206.000.

Tanaka, Itsuo: *See*—
  Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,507,539, Cl. 219-121.0PY.
  Sando, Yoshikazu; Goto, Tokuju; Tanaka, Itsuo; Ishidoshiro, Hiroshi; and Minakata, Matsuo, 4,550,578, Cl. 68-5.00E.

Tanaka, Izumi: *See*—
  Shirai, Kazunari; and Tanaka, Izumi, 4,500,899, Cl. 357-23.000.

Tanaka, John S. Smoke mask. 4,498,472, 2-12-85, Cl. 128-205.170.

Tanaka, Junichi; Furubayashi, Hisatoshi; Watanabe, Masanori; and Hijikigawa, Masaya, to Sharp Kabushiki Kaisha. Moisture sensor. 4,558,393, 12-10-85, Cl. 361-286.000.

Tanaka, Junichi: *See*—
  Furubayashi, Hisatoshi; Tanaka, Junichi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,515,653, Cl. 156-643.000.
  Watanabe, Masanori; Furubayashi, Hisatoshi; Tanaka, Junichi; and Hijikigawa, Masaya, 4,496,931, Cl. 338-34.000.

Tanaka, Junkichi, to Tanaka Shikan Kabushiki Kaisha. Method of making a paper tube. 4,504,261, 3-12-85, Cl. 493-273.000.

Tanaka, Junzo: *See*—
  Hirai, Masayoshi; Tanaka, Junzo; and Ueda, Katsuroh, 4,521,183, Cl. 432-37.000.

Tanaka, Kano; Ando, Yoshio; and Yasagawa, Hitoshi, to Canon Kabushiki Kaisha. Apparatus for retrieving information. 4,514,641, 4-30-85, Cl. 250-570.000.

Tanaka, Kano: *See*—
  Takeda, Hiroaki; Tanaka, Kano; and Murata, Shinji, 4,519,697, Cl. 355-14.00R.

Tanaka, Katsuhiko; and Sakatani, Ikunori, to Nippon Seiko Kabushiki Kaisha. Dynamic pressure type fluid bearing. 4,547,081, 10-15-85, Cl. 384-107.000.

Tanaka, Katsushi: *See*—
  Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Tanaka, Katsuto: *See*—
  Kandachi, Takayoshi; Okino, Seiki; Yanai, Toshiharu; and Tanaka, Katsuto, 4,521,454, Cl. 427-168.000.

Tanaka, Kazuhiko, to Nippon Thompson Co., Ltd. Infinite circuit using rolling bearings for providing rectilinear motion. 4,505,522, 3-19-85, Cl. 308-6.00C.

Tanaka, Kazuhiko: *See*—
  Kubota, Yasuo; Tanaka, Kazuhiko; and Kikushima, Kazuyuki, 4,514,767, Cl. 358-280.000.

Tanaka, Kazuhiro; Kawakami, Ken-ichi; and Yoshii, Toshiya, to Toray Industries, Inc. Magnetic recording disk. 4,514,452, 4-30-85, Cl. 428-141.000.

Tanaka, Kazuhiro: *See*—
  Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, 4,497,865, Cl. 428-336.000.
  Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, 4,546,030, Cl. 428-220.000.

Tanaka, Kazunobu: *See*—
  Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.

Tanaka, Kazunori; and Yoshikawa, Mitsuru, to Duplo Seizo Kabushiki Kaisha. Double-feed prevention device in paper feeding apparatus. 4,552,353, 11-12-85, Cl. 271-124.000.

Tanaka, Kazuo; Motonaga, Kenjiro; and Tanaka, Kozo, to Kobe Steel, Limited. Method for controlling the pulverization and dryness of flammable materials passing through a pulverizer, and method of controlling the pulverizing rate of the pulverizer. 4,518,123, 5-21-85, Cl. 241-18.000.

Tanaka, Kazuo; and Tsuji, Sadahiko, to Canon Kabushiki Kaisha. Optical system for camera with a viewfinder. 4,544,250, 10-1-85, Cl. 354-199.000.

Tanaka, Kazuo: *See*—
  Tanaka, Toru; Hataya, Masanori; Tanaka, Kazuo; Sakai, Yukio; and Hamada, Yasufumi, 4,500,730, Cl. 562-416.000.

Tanaka, Kazurou, to Nippon Gakki Seizo Kabushiki Kaisha. Method of processing data for musical score display system. 4,506,587, 3-26-85, Cl. 84-462.000.

Tanaka, Kazushi: *See*—
  Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.
  Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.

Tanaka, Kazutoshi: *See*—
  Takami, Akio; Matsuura, Toshitaka; Tanaka, Kazutoshi; and Sekiya, Toshifumi, 4,532,179, Cl. 428-335.000.

Tanaka, Kazuya; and Sugioka, Shinji, to Ushio Denki Kabushiki Kaisha. Photochemical vapor deposition apparatus. 4,525,381, 6-25-85, Cl. 427-54.100.

Tanaka, Kazuyuki, to Matsushita Electric Industrial Co., Ltd. Device for displaying characters and graphs in superposed relation. 4,491,832, 1-1-85, Cl. 340-721.000.

Tanaka, Kazuyuki, to Matsushita Electric Industrial Co., Ltd. Display system. 4,527,154, 7-2-85, Cl. 340-221.000.

Tanaka, Kazuyuki, to Matsushita Electric Industrial Co., Ltd. Display apparatus. 4,546,350, 10-8-85, Cl. 340-750.000.

Tanaka, Kazuyuki, to Matsushita Electric Industrial Co., Ltd. Video display apparatus. 4,556,879, 12-3-85, Cl. 340-750.000.

Tanaka, Keihachiro; and Yoshii, Shigekazu, to Nippon Sheet Glass Co., Ltd. Process for producing fine fibers from viscous materials. 4,548,632, 10-22-85, Cl. 65-5.000.

Tanaka, Kenji; and Endo, Shigeru, to Nisshin Flour Milling Co., Ltd. Agents for improving bread in quality and bread containing same. 4,500,551, 2-19-85, Cl. 426-62.000.

Tanaka, Kenji, to Pioneer Electronic Corporation. Disc clamping mechanism. 4,541,086, 9-10-85, Cl. 369-271.000.

Tanaka, Kenji; Sugawara, Akinobu; and Yamawaki, Takashi, to Idemitsu Petrochemical Co., Ltd. Composition comprising ethylene-based polymers. 4,550,143, 10-29-85, Cl. 525-240.000.

Tanaka, Kenji, to Nippon Seiko Kabushiki Kaisha. Clutch release bearing device. 4,561,788, 12-31-85, Cl. 384-513.000.

Tanaka, Kenji: *See*—
  Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.

Tanaka, Kensuke: *See*—
  Suganuma, Nobuo; Tanaka, Kensuke; Takada, Nobuyuki; and Ichikawa, Hiromichi, 4,556,553, Cl. 424-52.000.

Tanaka, Kentaro; and Tsuji, Naoki, to Shionogi & Co., Ltd. Carbapenem derivatives. 4,556,517, 12-3-85, Cl. 260-245.20T.

Tanaka, Kiichiro: *See*—
  Yamatani, Tetsuo; Hijiya, Toyoto; Takeda, Hideo; Shibuya, Koji; and Tanaka, Kiichiro, 4,508,912, Cl. 549-253.000.

Tanaka, Kimio: *See*—
  Shiba, Haruo; Sakata, Yoshiya; and Tanaka, Kimio, 4,515,322, Cl. 242-71.800.

Tanaka, Kivokazu: *See*—
  Satake, Jiro; Arai, Tetsuzo; Tanaka, Kivokazu; Mikami, Eiji; Moriyasu, Tsuneo; and Nakagawa, Tadasu, 4,500,577, Cl. 428-36.000.

Tanaka, Ko, to Yamaha Hatsudoki Kabushiki Kaisha. Offroad auto tricycle. 4,496,019, 1-29-85, Cl. 180-215.000.

Tanaka Kogyo Company, Ltd.: *See*—
  Ishida, Shigetoshi, 4,509,496, Cl. 123-651.000.

Tanaka, Koichi; Takayama, Hiroshi; Amagai, Yoshimi; Aonuma, Shigeo; and Fukase, Yasuji, to Fuji Xerox Co., Ltd. Toner for developing electrostatic latent image containing copolymer of vinyl compound and acid monomer. 4,504,563, 3-12-85, Cl. 430-109.000.

Tanaka, Koji, to Japan Exlan Company Limited. Filter for removing water from water-containing oil and method for the same. 4,493,772, 1-15-85, Cl. 210-799.000.

Tanaka, Koji; and Ueda, Minoru, to Japan Exlan Company Limited. Water-removing material usable for hydrophobic liquids and process for producing the same. 4,507,204, 3-26-85, Cl. 210-497.010.

Tanaka, Koji: *See*—
  Sugiyama, Hiroyuki; Shibamoto, Takeshi; Sato, Hideo; Furuki, Tsuneo; Kubo, Mitsuo; and Tanaka, Koji, 4,554,597, Cl. 358-335.000.

  - Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; and Tanaka, Koji, 4,513,327, Cl. 358-310.000.
  - Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.
  - Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
- Tanaka, Kozo: *See*—
  - Tamura, Setsuo; Motonaga, Kenjiro; Mizokawa, Takumi; Tanaka, Kozo; Kawashima, Katsumi; Hiwatashi, Takaaki; and Sugahara, Takayuki, 4,541,572, Cl. 241-31.000.
  - Tanaka, Kazuo; Motonaga, Kenjiro; and Tanaka, Kozo, 4,518,123, Cl. 241-18.000.
- Tanaka, Kunihiko: *See*—
  - Kamiya, Takashi; Tanaka, Kunihiko; Teraji, Tsutomu; and Nakai, Yoshiharu, 4,506,076, Cl. 548-119.000.
  - Kamiya, Takashi; Tanaka, Kunihiko; Nakai, Yoshiharu; and Sakane, Kazuo, 4,560,765, Cl. 548-194.000.
  - Shiota, Katsuyuki; Tanaka, Kunihiko; and Minai, Masayoshi, 4,540,825, Cl. 568-341.000.
- Tanaka, Kunihiro; and Futagami, Nobuhiro, to Kawasaki Steel Corporation. Ignition device for sintering machine. 4,547,146, 10-15-85, Cl. 431-180.000.
- Tanaka, Kunio: *See*—
  - Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,506,331, Cl. 364-474.000.
  - Kishi, Hajimu; Tanaka, Kunio; and Seki, Masaki, 4,535,408, Cl. 364-475.000.
  - Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,555,590, Cl. 178-18.000.
  - Kishi, Hajimu; Seki, Masaki; Tanaka, Kunio; and Takegahara, Takashi, 4,556,833, Cl. 318-567.000.
  - Kishi, Hajimu; Seki, Masaki; and Tanaka, Kunio, 4,559,601, Cl. 364-475.000.
- Tanaka, Kyoichi; Tsuzuki, Akira; and Hioki, Shunichi, to Toyo Contact Lens Co., Ltd. Contact lens cleaning and storage composition. 4,500,441, 2-19-85, Cl. 252-89.100.
- Tanaka, Kyugo: *See*—
  - Kabashima, Kazuo; and Tanaka, Kyugo, 4,521,793, Cl. 346-201.000.
- Tanaka, Mamoru: *See*—
  - Kawakami, Kouichi; and Tanaka, Mamoru, 4,517,852, Cl. 74-89.150.
  - Tokuyama, Kanji; Nishitani, Yasuhiro; Tanaka, Mamoru; and Nagata, Wataru, 4,511,738, Cl. 568-14.000.
- Tanaka, Masaaki: *See*—
  - Yagi, Shigenori; Kuzumoto, Masaki; Tanaka, Masaaki; and Ogawa, Shuji, 4,510,606, Cl. 372-25.000.
- Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, to Neturen Co., Ltd.; Asahi Kasei Kogyo Kabushiki Kaisha; and Hiraoka & Co. Method and apparatus for forming reinforcing cage for prestressed concrete pile. 4,538,042, 8-27-85, Cl. 219-58.000.
- Tanaka, Masakatsu, to Nippon Air Brake Co., Ltd. Air dryer device for compressed air system of vehicle. 4,544,385, 10-1-85, Cl. 55-208.000.
- Tanaka, Masaki, to Shin-Etsu Chemical Co., Ltd. Foamable silicone-containing composition for treatment of fabric materials. 4,495,227, 1-22-85, Cl. 427-373.000.
- Tanaka, Masaki: *See*—
  - Nakazawa, Yuzo; Ono, Kazuo; Tanaka, Masaki; Morita, Takao; and Kurosaki, Takefumi, 4,542,356, Cl. 333-195.000.
- Tanaka, Masami: *See*—
  - Fukui, Masahiro; Kitano, Kisei; Tanaka, Masami; and Goto, Yasuyuki, 4,533,488, Cl. 252-299.610.
- Tanaka, Masanobu: *See*—
  - Fukumura, Naoe; Hasegawa, Shunji; and Tanaka, Masanobu, 4,549,270, Cl. 364-474.000.
- Tanaka, Masanori; and Endoh, Kenjiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Condenser microphone. 4,491,697, 1-1-85, Cl. 179-111.00E.
- Tanaka, Masanori, to Hosiden Electronics Co., Ltd. Connector with a locking mechanism. 4,526,433, 7-2-85, Cl. 339-75.0MP.
- Tanaka, Masanori, to Hosiden Electronics Co., Ltd. Telephone connector. 4,556,264, 12-3-85, Cl. 339-17.0LC.
- Tanaka, Masanori: *See*—
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,509,064, Cl. 346-207.000.
  - Usui, Koichi; Sato, Teiji; and Tanaka, Masanori, 4,527,178, Cl. 346-207.000.
  - Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, 4,544,604, Cl. 428-402.000.
- Tanaka, Masaru, to Horiba, Ltd. Analyzer compensation circuit. 4,502,784, 3-5-85, Cl. 356-222.000.
- Tanaka, Masaru; Noguchi, Naoki; Yoshino, Kenji; and Saitoh, Osamu, to Horiba, Ltd. Optical absorption analyzer. 4,525,069, 6-25-85, Cl. 356-435.000.
- Tanaka, Masashi: *See*—
  - Konno, Kunio; Tanaka, Masashi; and Ohki, Hiroshi, 4,531,815, Cl. 350-475.000.
- Tanaka, Masato; and Sonoda, Takenori, to Sony Corporation. Recording and/or reproducing apparatus for a multi-channel digital signal. 4,520,407, 5-28-85, Cl. 360-32.000.
- Tanaka, Masato; Ohtsuki, Tadashi; and Tsuchiya, Yoshikazu, to Sony Corporation. Digital signal transmitting and receiving system for serial data which can be easily decoded. 4,562,581, 12-31-85, Cl. 375-7.000.
- Tanaka, Masato: *See*—
  - Kobayashi, Toshiaki; and Tanaka, Masato, 4,503,232, Cl. 546-336.000.
  - Watanabe, Nobuhiko; and Tanaka, Masato, 4,492,989, Cl. 360-32.000.
  - Watanabe, Nobuhiko; and Tanaka, Masato, 4,525,752, Cl. 360-13.000.
  - Watanabe, Tetsu; and Tanaka, Masato, 4,559,568, Cl. 360-48.000.
- Tanaka, Masayuki; Morioka, Katsuharu; and Kishimoto, Akihiko, to Toray Industries, Inc. Antistatic resinous compositions. 4,543,390, 9-24-85, Cl. 525-63.000.
- Tanaka, Masayuki: *See*—
  - Mashimo, Satoshi; Tanaka, Masayuki; and Kinoshita, Takashi, 4,498,891, Cl. 474-205.000.
  - Mashimo, Satoshi; Tanaka, Masayuki; and Yamaguchi, Yoshio, 4,518,375, Cl. 474-205.000.
- Tanaka, Megumi; and Naito, Ryuichi, to Pioneer Electronic Corporation. Focus servo control device for an optical system having an initial focus locking operation. 4,544,837, 10-1-8[illegible] Cl. 2[illegible]-201.000.
- Tanaka, Megumu: *See*—
  - Akita, Shinji; and Tanaka, Megumu, 4,498,324, [illegible]-208.000.
- Tanaka, Mikio: *See*—
  - Shiga, Tatsuhide; Tanaka, Mikio; Doki, Yoshikuni; Tsuruoka, Yoshihiro; and Fujiwara, Masatoshi, 4,502,333, Cl. 73-701.000.
- Tanaka, Minako: *See*—
  - Fujiwara, Masami; Fukuda, Hidenori; and Tanaka, Minako, 4,536,324, Cl. 252-311.000.
- Tanaka, Minoru; Kawabe, Tadashi; and Kobune, Masafumi, to Tateho Kagaku Kogyo Kabushiki Kaisha. Method of manufacturing crystalline silicon carbide. 4,504,453, 3-12-85, Cl. 423-345.000.
- Tanaka, Minoru; and Kawabe, Tadashi, to Tateho Kagaku Kogyo Kabushiki Kaisha. Method of manufacturing crystalline silicon nitride and method of separation thereof. 4,525,335, 6-25-85, Cl. 423-344.000.
- Tanaka, Minoru; Nakamura, Hideo; and Mizuguchi, Shunji. Method for producing a composite sheet material. 4,535,009, 8-13-85, Cl. 427-246.000.
- Tanaka, Minoru, to Kabushiki Kaisha Kumahira Seisakusho. Key-exchangeable lock. 4,561,269, 12-31-85, Cl. 70-339.000.
- Tanaka, Minoru: *See*—
  - Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, 4,492,456, Cl. 355-3.0DD.
  - Haneda, Satoshi; Itaya, Masahiko; and Tanaka, Minoru, 4,500,616, Cl. 430-45.000.
  - Kubota, Hitoshi; Tanaka, Minoru; and Aiuchi, Susumu, 4,536,419, Cl. 427-255.500.
  - Terahara, Akira; and Tanaka, Minoru, 4,517,373, Cl. 549-292.000.
  - Terahara, Akira; and Tanaka, Minoru, 4,537,859, Cl. 435-146.000.
- Tanaka, Mitsuaki: *See*—
  - Asami, Kazuto; Baba, Takao; Nakamura, Minoru; and Tanaka, Mitsuaki, 4,554,775, Cl. 53-64.000.
- Tanaka, Mitsugu: *See*—
  - Ono, Shigetoshi; Harada, Toru; Suzuki, Hirohisa; Tanaka, Mitsugu; and Nakamura, Shigeru, 4,533,626, Cl. 430-562.000.
  - Takahashi, Osamu; and Tanaka, Mitsugu, 4,533,622, Cl. 430-218.000.
- Tanaka, Mitsuhiro: *See*—
  - Akiyama, Junichiro; Tanaka, Mitsuhiro; and Moriuchi, Yoshihisa, 4,504,215, Cl. 431-168.000.
- Tanaka, Mitsuo; and Kozakae, Kunitoshi, to Bridgestone Cycle Co., Ltd. Power transmission mechanism. 4,501,576, 2-26-85, Cl. 474-141.000.
- Tanaka, Mitsuo: *See*—
  - Nagano, Katsuyuki; Takahashi, Yasushi; Takasaki, Yoshitaka; and Tanaka, Mitsuo, 4,504,943, Cl. 370-79.000.
- Tanaka, Motoaki; Toyama, Takanori; Ohba, Hitoshi; and Yamaguchi, Osamu, to Wako Pure Chemical Industries, Ltd. Process for producing aqueous suspension containing organic azo compound as polymerization initiator. 4,500,649, 2-19-85, Cl. 502-167.000.
- Tanaka, Motoaki; Toyama, Takanori; Oba, Hitoshi; and Yamaguchi, Osamu, to Wako Pure Chemical Industries, Ltd. Azo polymerization initiator composition. 4,533,652, 8-6-85, Cl. 502-167.000.
- Tanaka, Motoaki: *See*—
  - Micetich, Ronald G.; Yamabe, Shigeru; Tanaka, Motoaki; Kajitani, Makoto; Yamazaki, Tomio; and Ishida, Naobumi, 4,562,073, Cl. 424-114.000.
- Tanaka, Motoharu: *See*—
  - Kobayashi, Hiroshi; Machida, Hazime; and Tanaka, Motoharu, 4,544,602, Cl. 428-336.000.
  - Machida, Hazime; and Tanaka, Motoharu, 4,562,105, Cl. 428-161.000.
- Tanaka, Motomu; Osuka, Masanari; Kuri, Takeshi; and Takakuwa, Sadao, to Osaka Soda Co. Ltd. Diallyl terephthalate copolymer and composition comprising said copolymer. 4,518,764, 5-21-85, Cl. 528-271.000.
- Tanaka, Munekazu: *See*—
  - Igarashi, Kazumasa; Yamaguchi, Katsuhiko; and Tanaka, Munekazu, 4,499,252, Cl. 528-38.000.
- Tanaka, Naoki: *See*—
  - Imanishi, Masami; and Tanaka, Naoki, 4,498,310, Cl. 62-211.000.
- Tanaka, Nobuhiro, to Kao Corporation. Case feeder. 4,529,081, 7-16-85, Cl. 198-429.000.

Tanaka, Nobuyasu; Ohashi, Mitunari; and Iwamoto, Shohzoh, to Fuji Electric Co., Ltd. Commodity rack for automatic vending machines. 4,498,569, 2-12-85, Cl. 193-27.000.

Tanaka, Nobuyoshi; and Kinoshita, Takao, to Canon Kabushiki Kaisha. Solid state image sensing device. 4,499,496, 2-12-85, Cl. 358-213.000.

Tanaka, Nobuyoshi: *See—*

- Hashimoto, Seiji; Tanaka, Nobuyoshi; Suga, Akira; and Kuwayama, Tetsuro, 4,500,913, Cl. 358-44.000.
- Hashimoto, Seiji; Suga, Akira; and Tanaka, Nobuyoshi, 4,525,737, Cl. 358-44.000.
- Hashimoto, Seiji; and Tanaka, Nobuyoshi, 4,559,559, Cl. 358-167.000.
- Kuwayama, Tetsuro; Tanaka, Nobuyoshi; and Hashimoto, Seiji, 4,517,588, Cl. 358-44.000.

Tanaka, Noriaki: *See—*

- Kosaka, Akira; Murao, Sawao; Hirano, Kenichi; Tanaka, Noriaki; and Matsunaga, Kuniyoshi, 4,554,249, Cl. 435-10.000.

Tanaka, Norihiko: *See—*

- Murakami, Katsuo; Yamazaki, Hitoshi; Tanaka, Norihiko; and Ito, Hiroshi, 4,559,470, Cl. 313-487.000.

Tanaka, Norio; Miura, Takeo; and Miyata, Jiro, to Honda Giken Kogyo Kabushiki Kaisha. Front leg shield for a motor scooter. 4,536,005, 8-20-85, Cl. 280-289.00S.

Tanaka, Norio, to Honda Giken Kogyo Kabushiki Kaisha. Steering system for motorized cycles. 4,540,189, 9-10-85, Cl. 280-270.000.

Tanaka, Norio; Taniguchi, Masakazu; Baba, Masatoshi; Ikai, Takashi; Nawamaki, Tsutomu; and Matsunaga, Masaji, to Nissan Chemical Industries Ltd. Herbicidal 4-benzoyl-1-methyl-5-phenylalkoxy pyrazoles. 4,557,753, 12-10-85, Cl. 71-92.000.

Tanaka, Norio: *See—*

- Fujii, Takayuki; and Tanaka, Norio, 4,498,700, Cl. 296-78.100.

Tanaka, Osamu; Watanabe, Noboru; and Iiyama, Hiroshi, to Jeco Company Limited. Inclinometer. 4,492,029, 1-8-85, Cl. 33-366.000.

Tanaka, Osamu; and Yata, Noboru, to Wakunaga Yakuhin Kabushiki Kaisha. Promotion of absorption of drugs administered through the alimentary system. 4,501,734, 2-26-85, Cl. 514-198.000.

Tanaka, Osamu; Iijima, Hiroshi; Ito, Masayoshi; and Okigawa, Etsumi, to Kanagawa Rehabilitation Center. Wheelchair. 4,519,649, 5-28-85, Cl. 297-316.000.

Tanaka, Osamu; Nakashima, Shozaburo; Nagano, Takashi; Kumano, Tomoji; and Hiromae, Yoshitaka, to Nippon Steel Corporation. Process for producing grain-oriented electrical steel sheet having both improved magnetic properties and properties of glass film. 4,543,134, 9-24-85, Cl. 148-113.000.

Tanaka, Osamu: *See—*

- Suzuki, Yoshiharu; Fukagawa, Hitoshi; Komoda, Yoshiyuki; and Tanaka, Osamu, 4,514,719, Cl. 340-310.00R.

Tanaka, Ryohei: *See—*

- Tayama, Toshiyuki; and Tanaka, Ryohei, 4,530,952, Cl. 524-159.000.

Tanaka, Ryoichi; and Sakurai, Yasuhiko, to Nippondenso Co., Ltd. Flasher device for automotive vehicle. 4,546,265, 10-8-85, Cl. 307-10.0CS.

Tanaka, Sadaaki, to Sony Corporation. Delay circuit. 4,558,354, 12-10-85, Cl. 358-37.000.

Tanaka, Satoru: *See—*

- Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, 4,540,704, Cl. 514-389.000.

Tanaka, Seiichi: *See—*

- Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,525,700, Cl. 340-518.000.
- Suzuki, Takashi; Kimura, Tetsuo; and Tanaka, Seiichi, 4,505,600, Cl. 374-170.000.
- Tanaka, Hiroshi; Kimura, Tetsuo; Tanaka, Seiichi; and Suzuki, Takashi, 4,518,952, Cl. 340-514.000.

Tanaka, Seiichiro: *See—*

- Okada, Hisao; Tanaka, Seiichiro; and Kawaberi, Seiji, 4,518,993, Cl. 358-114.000.

Tanaka, Seiitch; and Inoue, Akitoshi, to Anritsu Electric Company Limited. Plating apparatus. 4,511,448, 4-16-85, Cl. 204-198.000.

Tanaka, Seizou, to Nippon Seiko Kabushiki Kaisha. Antireverse means for an odometer. 4,543,475, 9-24-85, Cl. 235-96.000.

Tanaka, Shigenori; and Tomia, Kouji, to Nissan Motor Co., Ltd. Control arrangement for weaving loom or the like. 4,556,088, 12-3-85, Cl. 139-452.000.

Tanaka, Shigenori; and Tomita, Kouji, to Nissan Motor Co., Ltd. Sensor for controlling the supply of weft yarn or the like. 4,558,723, 12-17-85, Cl. 139-452.000.

Tanaka, Shigenori: *See—*

- Nakahara, Chizuko; Tanaka, Shigenori; Tamura, Hiroshi; and Matsumoto, Akiyoshi, 4,495,294, Cl. 436-502.000.

Tanaka, Shigeo: *See—*

- Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.
- Kagawa, Nobuaki; Fujimori, Noboru; Tanaka, Shigeo; and Onodera, Kaoru, 4,517,284, Cl. 430-591.000.
- Nakashima, Kazuhide; Saito, Takayuki; Nakahara, Takeshi; and Tanaka, Shigeo, 4,492,789, Cl. 525-531.000.

Tanaka, Shigeru, to Tokyo Shibaura Denki Kabushiki Kaisha. Failure detection circuit for an X-ray tube. 4,520,495, 5-28-85, Cl. 378-117.000.

Tanaka, Shigeru; and Tadakuma, Susumu, to Tokyo Shibaura Denki Kabushiki Kaisha. Reactive power compensating cycloconverter. 4,529,925, 7-16-85, Cl. 323-207.000.

Tanaka, Shigeru: *See—*

- Negishi, Yukiyasu; Ishida, Yukinori; Saito, Yasunori; and Tanaka, Shigeru, 4,491,386, Cl. 350-96.230.
- Nogi, Hiroyoshi; and Tanaka, Shigeru, 4,556,212, Cl. 271-315.000.
- Toda, Yuichi; Sakamoto, Katsuji; Tanaka, Shigeru; and Kameo, Yuji, 4,549,391, Cl. 57-13.000.
- Yoshimura, Shingo; Ito, Katsumi; and Tanaka, Shigeru, 4,545,453, Cl. 180-131.000.

Tanaka Shikan Kabushiki Kaisha: *See—*

- Tanaka, Junkichi, 4,504,261, Cl. 493-273.000.

Tanaka, Shinichi; Matsuda, Ikuo; Hirose, Namio; and Kobayashi, Kazutsugu, to Matsushita Electric Industrial Co., Ltd. Optical signal reproducing apparatus. 4,504,934, 3-12-85, Cl. 369-18.000.

Tanaka, Shinichi; and Mineyama, Takitsugu, to Sharp Kabushiki Kaisha. Keyboard-equipped apparatus such as an electronic calculator with battery throw means for enabling a power supply circuit. 4,533,837, 8-6-85, Cl. 307-116.000.

Tanaka, Shinichi; and Hirose, Namio, to Matsushita Electric Industrial Co., Ltd. Two-dimensional suspension. 4,538,882, 9-3-85, Cl. 350-255.000.

Tanaka, Shinichiro: *See—*

- Aoki, Keiji; and Tanaka, Shinichiro, 4,501,137, Cl. 73-35.000.

Tanaka, Shinsuke; Tanaka, Fujio; Nagao, Yasuyuki; Imamura, Nobutake; and Ota, Chuichi, to Kokusai Denshin Denwa Kabushiki Kaisha. Magneto-optical recording medium. 4,559,573, 12-17-85, Cl. 360-131.000.

Tanaka, Shizuya: *See—*

- Funaki, Yuji; Oshita, Hirofumi; Yamamoto, Shigeo; Tanaka, Shizuya; and Kato, Toshiro, 4,554,007, Cl. 71-076.000.

Tanaka, Shoichi; Tanaka, Yoshiharu; and Takano, Eiji, to Mitsubishi Kinzoku Kabushiki Kaisha. Process for treating a radioactive liquid waste. 4,501,691, 2-26-85, Cl. 252-631.000.

Tanaka, Shuhei, to Hitachi Denshi Kabushiki Kaisha. Photodetector output circuit. 4,535,231, 8-13-85, Cl. 250-201.000.

Tanaka, Shuji; Nakamura, Shigehira; Sakamoto, Tuneaki; Hirakata, Yoshiaki; and Yamagata, Tetsuo, to Honda Giken Kogyo Kabushiki Kaisha. Audio apparatus for vehicle. 4,558,460, 12-10-85, Cl. 381-86.000.

Tanaka, Shuji: *See—*

- Aoki, Matsuyuki; and Tanaka, Shuji, 4,551,002, Cl. 355-3.0DD.
- Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.
- Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.
- Moriga, Hiroyuki; Uchida, Masao; Iwashita, Koichi; and Tanaka, Shuji, 4,497,720, Cl. 252-52.00A.

Tanaka, Shun-ichiro; Mizunoya, Nobuyuki; and Abe, Shigeo, to Kabushiki Kaisha Toshiba. Ceramic bonded structure and method of manufacturing the same. 4,542,073, 9-17-85, Cl. 428-446.000.

Tanaka, Shunpei; and Kimura, Kenji, to Olympus Optical Co., Ltd. Video signal recording/reproducing apparatus with crosstalk and tracking error elimination. 4,554,595, 11-19-85, Cl. 358-328.000.

Tanaka, Shuntaro: *See—*

- Kawai, Kensuke; and Tanaka, Shuntaro, 4,550,379, Cl. 364-494.000.

Tanaka, Sotaro: *See—*

- Aoyagi, Yukio; Izumi, Eiki; Yamaguchi, Takeshi; and Tanaka, Sotaro, 4,561,250, Cl. 60-430.000.
- Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,504,185, Cl. 414-700.000.
- Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,534,268, Cl. 91-6.000.

Tanaka, Sumio; and Watanabe, Shigeyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Nonvolatile read only memory device. 4,494,219, 1-15-85, Cl. 365-189.000.

Tanaka, Sumio: *See—*

- Watanabe, Shigeyoshi; and Tanaka, Sumio, 4,531,202, Cl. 365-104.000.

Tanaka, Susumu; and Ito, Ryosuke, to Sansui Electric Co., Ltd. Amplifier circuit driven by ground isolated power supply. 4,517,528, 5-14-85, Cl. 330-297.000.

Tanaka, Susumu; and Takebe, Kaoru, to Minolta Camera Kabushiki Kaisha. Image forming method using three component developer. 4,525,447, 6-25-85, Cl. 430-122.000.

Tanaka, Susumu; and Takebe, Kaoru, to Minolta Camera Kabushiki Kaisha. Method of forming dichromatic copy images. 4,539,281, 9-3-85, Cl. 430-45.000.

Tanaka, Susumu; and Takebe, Kaoru, to Minolta Camera Kabushiki Kaisha. Method of forming monochromatic or dichromatic copy images. 4,562,129, 12-31-85, Cl. 430-42.000.

Tanaka, Syouji: *See—*

- Yasuda, Takashi; Inoue, Naoyuki; and Tanaka, Syouji, 4,534,180, Cl. 62-141.000.

Tanaka, Tadaaki: *See—*

- Yamada, Yasuyuki; Tanaka, Tadaaki; Tukahara, Ryoichi; and Nishizawa, Tsutomu, 4,555,355, Cl. 252-299.100.

Tanaka, Tadashi: *See—*

- Shimizu, Hiromichi; Kuboshima, Akira; and Tanaka, Tadashi, 4,519,310, Cl. 101-35.000.

- Tanaka, Takashi: *See—*
  - Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, 4,533,232, Cl. 355-3.00R.
  - Ikuta Yoshiaki; and Tanaka, Takashi, 4,558,711, Cl. 133-3.00F.
  - Ono, Yoshio; and Tanaka, Takashi, 4,519,337, Cl. 118-33.000.
- Tanaka, Takeshi: *See—*
  - Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.
  - Ishimitsu, Ikuo; Tokunaga, Toshimichi; Tanaka, Takeshi; and Anan, Yoshiaki, 4,555,126, Cl. 280-707.000.
- Tanaka, Taku; Maruyama, Hitoshi; Okaya, Takuji; and Kajitani, Koichi, to Kuraray Co., Ltd. Binder for obtaining a ceramic molded green body. 4,492,783, 1-8-85, Cl. 524-430.000.
- Tanaka, Takumi: *See—*
  - Arai, Yoshihiro; and Tanaka, Takumi, 4,520,174, Cl. 525-438.000.
  - Arai, Yoshihiro; and Tanaka, Takumi, 4,520,175, Cl. 525-438.000.
  - Arai, Yoshihiro; Tanaka, Takumi; and Kamiyama, Kenji, 4,529,779, Cl. 525-438.000.
  - Arai, Yoshihiro; and Tanaka, Takumi, 4,543,396, Cl. 525-440.000.
- Tanaka, Takuo: *See—*
  - Kawamura, Reiki; Tanaka, Takuo; Asano, Toshio; and Sawada, Yasuhiro, 4,526,420, Cl. 297-218.000.
- Tanaka, Taro: *See—*
  - Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, 4,499,878, Cl. 123-478.000.
  - Igashira, Toshihiko; Tanaka, Taro; and Sakakibara, Yasuyuki, 4,535,743, Cl. 123-472.000.
- Tanaka, Tatsumi; Hikita, Kiyoshi; Furuhashi, Masaru; Hatada, Toshio; Nakano, Katsuzi; and Arai, Akira, to Hitachi, Ltd. Heat exchanger coated with aqueous coating composition. 4,503,907, 3-12-85, Cl. 165-133.000.
- Tanaka, Tatsuo; Itoh, Hiroshi; and Sugiyama, Akihiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Air conditioner. 4,495,779, 1-29-85, Cl. 62-211.000.
- Tanaka, Tatsuo; and Kawamura, Toshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Refrigerating systems having differential valve to control condenser outflow. 4,507,934, 4-2-85, Cl. 62-210.000.
- Tanaka, Tatsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Variable resistance circuit. 4,540,896, 9-10-85, Cl. 307-264.000.
- Tanaka, Tatsuo, to Tokyo Shibaura Denki Kabushiki Kaisha. Charging-/discharging circuit. 4,555,655, 11-26-85, Cl. 320-1.000.
- Tanaka, Tatsuo, to Kabushiki Kaisha Toshiba. Differential amplifier. 4,555,670, 11-26-85, Cl. 330-252.000.
- Tanaka, Tatsuo, to Kabushiki Kaisha Toshiba. Signal processing circuit. 4,558,287, 12-10-85, Cl. 330-257.000.
- Tanaka, Teruaki: *See—*
  - Ehiro, Takashi; Tanaka, Teruaki; and Yamanaka, Eisuke, 4,550,582, Cl. 72-234.000.
- Tanaka, Teruo: *See—*
  - Hoshino, Kazuo; Tanaka, Teruo; and Ito, Kenjiro, 4,550,487, Cl. 29-527.700.
  - Miyadera, Tetsuo; Sugimura, Yukio; Hashimoto, Toshihiko; Tanaka, Teruo; Iino, Kimio; Shibata, Tomoyuki; and Sugawara, Shinichi, 4,552,873, Cl. 514-210.000.
- Tanaka, Tetsuo: *See—*
  - Ogura, Takashi; Hirohara, Toshihide; Matsunaga, Masaaki; Kamiya, Kiyoshi; and Tanaka, Tetsuo, 4,561,044, Cl. 362-84.000.
- Tanaka, Tetsuro: *See—*
  - Inoue, Tadashi; and Tanaka, Tetsuro, 4,549,947, Cl. 204-182.400.
- Tanaka, Tomiho; and Osujo, Masahide, to Kubota, Ltd. Steering system of a vehicle. 4,548,291, 10-22-85, Cl. 180-321.000.
- Tanaka, Tomoo: *See—*
  - Morita, Masahiko; Mano, Junichi; Nishida, Minoru: Tanaka, Tomoo; Aoyagi, Nobuo; and Takizawa, Syoichi, 4,502,897, Cl. 148-12.00F.
- Tanaka, Torata, to Nikku Industry Co., Ltd. Method of manufacturing carbon electrode. 4,536,359, 8-20-85, Cl. 264-102.000.
- Tanaka, Toru; Hataya, Masanori; Tanaka, Kazuo; Sakai, Yukio; and Hamada, Yasufumi, to Mitsubishi Gas Chemical Company, Inc. Process for producing aromatic polycarboxylic acid. 4,500,730, 2-19-85, Cl. 562-416.000.
- Tanaka, Toru; Gohko, Nobuaki; Kishiro, Osamu; and Murakami, Atsushi, to Mitsubishi Chemical Industries Limited. Process for producing polyolefin. 4,511,704, 4-16-85, Cl. 526-125.000.
- Tanaka, Toru; Iwatani, Kazutoshi; Enokido, Nobuo; Murakami, Atsushi; and Yamaguchi, Yukio, to Mitsubishi Chemical Industries Limited. Process for polymerizing olefin. 4,525,554, 6-25-85, Cl. 526-124.000.
- Tanaka, Toshiaki; Fukai, Masao; Onuma, Tatsuro; and Kinoshita, Ryohei, to Fujitsu Limited. Item input device for a data processing system. 4,498,256, 2-12-85, Cl. [illegible]0-475.000.
- Tanaka, Toshiaki; Miyazaki, Hiroaki; Etoh, Yukihiro; Kanesaki, Nobukazu; and Iijima, Akihiro, to Nissan Motor Company, Limited. Fuel injection pump for an internal combustion engine. 4,530,324, 7-23-85, Cl. 123-300.000.
- Tanaka, Toshiaki, to Nissan Motor Company, Limited. Diesel engine swirl chamber having improved multiple transfer passage arrangement. 4,541,375, 9-17-85, Cl. 123-261.000.
- Tanaka, Toshiaki: *See—*
  - Etoh, Yukihiro; Tanaka, Toshiaki; Kanesaki, Nobukazu; and Miyazaki, Hiroaki, 4,557,230, Cl. 123-263.000.
  - Iiyama, Akihiro; Miyazaki, Hiroaki; Etoh, Yukihiro; and Tanaka, Toshiaki, 4,531,491, Cl. 123-357.000.
  - Kamei, Seisuke; Tanaka, Toshiaki; Hayashi, Kazutoshi; Tanaka, Akira; and Kinoshita, Ryohei, 4,529,849, Cl. 200-5.00A.
  - Kawamura, Yoshihisa; and Tanaka, Toshiaki, 4,531,488, Cl. 123-300.000.
- Tanaka, Toshie, to Nifco Inc. Removable two-piece retaining means. 4,499,636, 2-19-85, Cl. 24-289.000.
- Tanaka, Toshie, to Nifco Inc. Plate clamping device. 4,517,711, 5-21-85, Cl. 24-453.000.
- Tanaka, Toshie, to Nifco Inc. Hinged mirror image plastic fastener for quick assembly to threaded male members. 4,521,148, 6-4-85, Cl. 411-182.000.
- Tanaka, Toshie, to Nifco Inc. Lid lock structure. 4,525,004, 6-25-85, Cl. 292-171.000.
- Tanaka, Toshie, to Nifco Inc. Latch device for door or lid. 4,527,821, 7-9-85, Cl. 292-19.000.
- Tanaka, Toshiharu: *See—*
  - Usami, Toshimasa; Tanaka, Toshiharu; and Satomura, Masato, 4,529,681, Cl. 430-138.000.
- Tanaka, Toshihide: *See—*
  - Isobe, Mitsuo; Kutsuki, Tetsuo; Yamaguchi, Namio; and Tanaka, Toshihide, 4,524,389, Cl. 358-188.000.
- Tanaka, Toshihiro, to Kabushiki Kaisha Komatsu Seisakusho. Finger apparatus for an idle station in a transfer press. 4,557,370, 12-10-85, Cl. 198-621.000.
- Tanaka, Toshimitsu; Abe, Ryoji; and Asanomi, Koji, to Mazda Motor Corporation. Breather arrangement for internal combustion engine. 4,541,399, 9-17-85, Cl. 123-573.000.
- Tanaka, Toshinori; and Morishita, Akira, to Mitsubishi Denki Kabushiki Kaisha. Starter. 4,507,978, 4-2-85, Cl. 74-7.00E.
- Tanaka, Toshinori, to Mitsubishi Denki Kabushiki Kaisha. Starter motor for an internal combustion engine. 4,525,632, 6-25-85, Cl. 290-38.00R.
- Tanaka, Toshinori, to Mitsubishi Denki Kabushiki Kaisha. Magneto-type D-C electric motor. 4,538,085, 8-27-85, Cl. 310-239.000.
- Tanaka, Toshinori, to Mitsubishi Denki Kabushiki Kaisha. Accessory carrying type starting motor. 4,559,455, 12-17-85, Cl. 290-38.00R.
- Tanaka, Toshinori: *See—*
  - Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,497,291, Cl. 123-179.0BG.
  - Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; and Tanaka, Toshinori, 4,500,794, Cl. 290-38.00C.
  - Hamano, Isao; Yabunaka, Kiyoshi; Akae, Yoshifumi; Tanaka, Toshinori; Gotou, Takeo; and Matsumoto, Kouichi, 4,543,923, Cl. 123-179.00F.
  - Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,553,441, Cl. 74-7.00R.
  - Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Nishimura, Youji; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,558,992, Cl. 417-250.000.
  - Morishita, Akira; Tanaka, Toshinori; Matsumoto, Kouichi; and Gotou, Takeo, 4,495,905, Cl. 123-179.00F.
- Tanaka, Toshio; Miyanaka, Motoshi; and Kochiyama, Shigekichi, to Hitachi, Ltd. Flame detector for pulse combustion apparatus. 4,494,924, 1-22-85, Cl. 431-78.000.
- Tanaka, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Control system for a disc player apparatus. 4,507,770, 3-26-85, Cl. 369-77.200.
- Tanaka, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Motor drive apparatus. 4,507,771, 3-26-85, Cl. 369-77.200.
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  - Hirano, Ryoichi; Namizaki, Hirofumi; Susaki, Wataru; and Tanaka, Toshio, 4,504,328, Cl. 148-171.000.
- Tanaka, Toyoaki: *See—*
  - Kamei, Ryosuke; Tanaka, Toyoaki; Sano, Takeshi; and Kotani, Masataka, 4,504,432, Cl. 264-177.00F.
- Tanaka, Toyomi: *See—*
  - Kojima, Katsuhiko; Tanaka, Toyomi; and Nakajima, Shigeo, 4,498,509, Cl. 141-10.000.
- Tanaka, Tsuneo: *See—*
  - Nakamura, Yukio; and Tanaka, Tsuneo, 4,499,136, Cl. 428-206.000.
- Tanaka, Tsutomu; Tsujimoto, Yoshinobu; Serizawa, Hiroyuki; and Hattori, Katsuji, to Matsushita Electric Industrial Co., Ltd. Optical switching device. 4,498,730, 2-12-85, Cl. 350-96.160.
- Tanaka, Tsutomu; Yahagi, Mitsuhisa; and Watanabe, Shuichi, to Bridgestone Corporation. Pneumatic tires. 4,508,153, 4-2-85, Cl. 152-362.0CS.
- Tanaka, Tsutomu: *See—*
  - Hiraoka, Bunsho; Tanaka, Tsutomu; and Okane, Koji, 4,559,062, Cl. 48-92.000.
  - Nishikubo, Yasuhiko; Fujikawa, Toyoharu; and Tanaka, Tsutomu, 4,549,818, Cl. 374-178.000.
  - Ohmura, Hiroshi; Kohno, Atsuo; Shiiba, Minoru; and Tanaka, Tsutomu, 4,493,542, Cl. 354-82.000.
  - Yahagi, Mitsuhisa; Masunaga, Mikio; Watanabe, Shuichi; and Tanaka, Tsutomu, 4,549,593, Cl. 152-330.00R.
- Tanaka, Tsuyoshi; and Yoshikawa, Kazuhisa, to Kabushiki Kaisha Kobe Seiko Sho. Compression crusher having an optimized jaw configuration. 4,509,699, 4-9-85, Cl. 241-268.000.
- Tanaka, Tsuyoshi: *See—*
  - Yamamoto, Kiwamu; and Tanaka, Tsuyoshi, 4,515,235, Cl. 30-168.000.
- Tanaka, Wataru: *See—*
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.

- Tanaka, Yasuhiko: *See—*
  - Kimura, Yoshiaki; Nozu, Taketo; and Tanaka, Yasuhiko, 4,521,788, Cl. 346-140.00R.
  - Kimura, Yoshiaki; and Tanaka, Yasuhiko, 4,558,326, Cl. 346-1.100.
  - Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio, 4,548,259, Cl. 165-14.000.
- Tanaka, Yasuhiro: *See—*
  - Asaka, Urataro; Kanai, Shigeo; Tanaka, Yasuhiro; and Iwamoto, Kazuya, 4,551,074, Cl. 417-366.000.
- Tanaka, Yasuhito: *See—*
  - Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,521,415, Cl. 514-252.000.
  - Katakami, Tsutomu; Fukazawa, Nobuyuki; Iizuka, Hajime; Nishina, Takashi; Kamiya, Joji; Tanaka, Yasuhito; and Nakano, Takuo, 4,523,011, Cl. 544-238.000.
- Tanaka, Yasuo: *See—*
  - Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, 4,495,409, Cl. 250-211.00J.
  - Imamura, Yoshinori; Ataka, Saburo; Takasaki, Yukio; Tanaka, Yasuo; Hirai, Tadaaki; and Maruyama, Eiichi, 4,556,816, Cl. 313-366.000.
  - Kusui, Akio; Morita, Shuji; Kudoh, Toshio; Tanaka, Yasuo; and Itoh, Hirotaka, 4,508,414, Cl. 339-143.00R.
  - Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, 4,554,478, Cl. 313-366.000.
- Tanaka, Yasushi: *See—*
  - Ishii, Yoshiya; Hachitani, Shuji; and Tanaka, Yasushi, 4,495,914, Cl. 123-357.000.
  - Ogawa, Hisashi; Tanaka, Yasushi; and Sato, Yoshimitsu, 4,550,923, Cl. 280-5.00A.
  - Watanabe, Hiroyuki; and Tanaka, Yasushi, 4,511,176, Cl. 296-204.000.
  - Watanabe, Hiroyuki; and Tanaka, Yasushi, 4,514,008, Cl. 296-204.000.
  - Watanabe, Hiroyuki; Osaka, Kuniaki; and Tanaka, Yasushi, 4,545,589, Cl. 280-5.00A.
- Tanaka, Yasuyuki: *See—*
  - Takagaki, Hidetsugu; Nakanishi, Shigenori; Tanaka, Yasuyuki; Watanabe, Michihiro; and Yonehara, Yoriko, 4,525,303, Cl. 260-239.55R.
- Tanaka, Yoichi: *See—*
  - Masuda, Toshiro; and Tanaka, Yoichi, 4,553,215, Cl. 364-525.000.
- Tanaka, Yoji: *See—*
  - Kitabayashi, Yukio; Takahashi, Noriyoshi; Watanabe, Masatoshi; Okuyama, Toshiaki; and Tanaka, Yoji, 4,503,377, Cl. 318-807.000.
- Tanaka, Yoko: *See—*
  - DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,500,460, Cl. 260-397.200.
  - DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,502,991, Cl. 260-397.200.
  - DeLuca, Hector F.; Schnoes, Heinrich K.; Sicinski, Rafal R.; and Tanaka, Yoko, 4,505,906, Cl. 514-167.000.
  - DeLuca, Hector F.; Tanaka, Yoko; Ikekawa, Nobuo; and Kobayashi, Yoshiro, 4,552,698, Cl. 260-397.200.
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- Tanaka, Yoshiaki: *See—*
  - Hayakawa, Isao; and Tanaka, Yoshiaki, 4,539,401, Cl. 544-101.000.
  - Inami, Mamoru; Tanaka, Yoshiaki; and Ohtsuki, Zenju, 4,492,917, Cl. 324-77.00A.
  - Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,510,840, Cl. 84-477.00R.
  - Inami, Mamoru; Ohtsuki, Zenju; Tanaka, Yoshiaki; Mori, Tomohiro; and Hasegawa, Akio, 4,553,179, Cl. 360-66.000.
  - Kitamura, Masatsugu; Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,504,870, Cl. 360-25.000.
- Tanaka, Yoshiharu, to Mansei Kogyo Kabushiki Kaisha. Focussing lens operating device. 4,511,212, 4-16-85, Cl. 350-255.000.
- Tanaka, Yoshiharu, to Mitsui Engineering & Shipbuilding Co., Ltd. Waste heat recovery system for an internal combustion engine. 4,516,403, 5-14-85, Cl. 60-667.000.
- Tanaka, Yoshiharu: *See—*
  - Tanaka, Shoichi; Tanaka, Yoshiharu; and Takano, Eiji, 4,501,691, Cl. 252-631.000.
- Tanaka, Yoshikazu; Yamamuro, Sigeaki; Hirano, Hiroyuki; and Morimoto, Yoshiro, to Nissan Motor Company, Limited. Method and system for controlling continuously variable v-belt transmission. 4,512,751, 4-23-85, Cl. 474-28.000.
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- Tanaka, Yoshikazu: *See—*
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,533,340, Cl. 474-28.000.
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,545,265, Cl. 74-868.000.
  - Hirano, Hiroyuki; Yamamuro, Sigeaki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,494,942, Cl. 474-28.000.
  - Kano, Yoshiharu; Fujisawa, Makoto; Nojiri, Shoji; and Tanaka, Yoshikazu, 4,512,015, Cl. 370-110.100.
  - Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,510,822, Cl. 74-733.000.
  - Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,519,790, Cl. 474-18.000.
  - Yamamuro, Sigeaki; Kumura, Haruyoshi; Tanaka, Yoshikazu; Abo, Keiju; and Hirano, Hiroyuki, 4,542,665, Cl. 74-866.000.
  - Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,543,077, Cl. 474-12.000.
- Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, to Nissan Motor Company, Limited; and Kabushiki Kaisha Riken. Heat-resisting spheroidal graphite cast iron. 4,528,045, 7-9-85, Cl. 148-35.000.
- Tanaka, Yoshimasa: *See—*
  - Kikuchi, Yasuyuki; Matsumoto, Eiichi; and Tanaka, Yoshimasa, 4,550,695, Cl. 123-41.120.
- Tanaka, Yoshio; Nishikawa, Yasuhisa; Hasumi, Ryoichi; and Koizumi, Takashi, to Clarion Co., Ltd. Clutch interlocking mechanism. 4,532,818, 8-6-85, Cl. 74-10.330.
- Tanaka, Yoshitake: *See—*
  - Omura, Satoshi; Tanaka, Yoshitake; Iwai, Yuzuru; Takahashi, Yoko; and Nakagawa, Akira, 4,493,845, Cl. 424-279.000.
- Tanaka, Yoshito; Ichiryu, Ken; and Iwata, Naohiko, to Hitachi, Ltd. Fluid leakage detecting element. 4,500,865, 2-19-85, Cl. 338-13.000.
- Tanaka, Yoshito; and Ichiryu, Ken, to Hitachi, Ltd. Fluid leakage detecting apparatus. 4,529,974, 7-16-85, Cl. 340-605.000.
- Tanaka, Yoshito: *See—*
  - Nakayama, Koichi; and Tanaka, Yoshito, 4,531,065, Cl. 307-200.00A.
- Tanaka, Yoshiyuki, to Nissan Motor Company, Limited. Lock cylinder attaching device for vehicle movable closure locks. 4,492,101, 1-8-85, Cl. 70-370.000.
- Tanaka, Yukio; and Chigodo, Yoshikazu, to Murata Manufacturing Co., Ltd. Multi-layer ceramic capacitor. 4,556,929, 12-3-85, Cl. 361-321.000.
- Tanaka, Yukio: *See—*
  - Banno, Takashi; Seki, Tadashi; Kawaguchi, Masafumi; Tanaka, Yukio; Iwasaki, Morikatsu; and Nagasawa, Toshio, 4,518,353, Cl. 432-205.000.
- Tanaka, Yukiyasu: *See—*
  - Noguchi, Masaaki; Tanaka, Yukiyasu; and Igarashi, Isao, 4,491,096, Cl. 123-51.00B.
- Tanaka, Yutaka; and Okada, Takashi, to Sony Corporation. Filter circuits. 4,524,382, 6-18-85, Cl. 358-31.000.
- Tanaka, Yutaka; Ikeda, Yasunari; and Nakano, Hiroshi, to Sony Corporation. Double-scanning non-interlace television receiver. 4,539,592, 9-3-85, Cl. 358-140.000.
- Tanaka, Yutaka: *See—*
  - Fujimura, Yasushi; Okada, Takashi; Tanaka, Yutaka; and Ikeda, Yasunari, 4,509,071, Cl. 358-11.000.
  - Nishizawa, Taiji; and Tanaka, Yutaka, 4,551,753, Cl. 358-140.000.
  - Okada, Takashi; Ikeda, Yasunari; and Tanaka, Yutaka, 4,524,379, Cl. 358-11.000.
  - Sato, Keishi; Nishida, Takeshi; Kamiya, Toji; and Tanaka, Yutaka, 4,539,255, Cl. 428-252.000.
- Tanaka, Yuzuru: *See—*
  - Tsuchida, Tsuyoshi; Kido, Yoshinobu; Kakumoto, Hideki; and Tanaka, Yuzuru, 4,512,313, Cl. 123-440.000.
- Tanase, Teruyoshi; Nishigaki, Kenichi; and Ajima, Tatsuro, to Mitsubishi Kinzoku Kabushiki Kaisha. Sialon-base ceramic materials excellent in wear resistance. 4,547,470, 10-15-85, Cl. 501-87.000.
- Tanase, Teruyoshi: *See—*
  - Sugisawa, Taijiro; and Tanase, Teruyoshi, 4,539,251, Cl. 428-216.000.
- Tanazawa, Hisaji. Method of manufacturing a printed circuit board. 4,545,119, 10-8-85, Cl. 29-839.000.
- Tanba, Yoshihiro: *See—*
  - Kogame, Kunio; Tanba, Yoshihiro; and Makimura, Masaru, 4,515,854, Cl. 428-288.000.
- Tanck, Elinor J., to Xidex Corporation. Transparent ink jet recording medium. 4,555,437, 11-26-85, Cl. 428-212.000.
- Tancrede, Jean M.; and Berejka, Anthony J., to Exxon Research & Engineering Co. Elastomer-ethylene copolymer hot melt systems. 4,497,936, 2-5-85, Cl. 525-222.000.
- Tancs, Tibor L., to Singer Company, The. Semi-automatic sewing machine control system. 4,555,997, 12-3-85, Cl. 112-121.110.
- Tanczyn, Harry: *See—*
  - Schumacher, William J.; and Tanczyn, Harry, 4,494,988, Cl. 75-128.00A.
- Tanda, Toshikuni: *See—*
  - Yonezawa, Kazuma; Tanda, Toshikuni; and Ishitobi, Hirotake, 4,548,868, Cl. 428-446.000.
- Tandberg Data A/S: *See—*
  - Lia, Herman, 4,547,818, Cl. 360-46.000.
  - Rudi, Guttorm, 4,491,890, Cl. 360-106.000.
- Tandeski, David A.: *See—*
  - Utter, Robert P.; and Tandeski, David A., 4,497,184, Cl. 62-354.000.

Tandler, Peter: *See—*
Schopper, Bernd; and Tandler, Peter, 4,493,508, Cl. 303-6.00C.
Tando, Shuichi: *See—*
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Tandon Corporation: *See—*
Bygdnes, Perry A., 4,562,500, Cl. 360-105.000.
Jepsen, David B., 4,524,399, Cl. 360-97.000.
Tandy Corporation: *See—*
Berger, Michael F., 4,545,016, Cl. 364-200.000.
Leininger, Steven, 4,500,956, Cl. 364-200.000.
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Rozporka, Richard E., 4,549,669, Cl. 220-306.000.
Schreiber, Paul T., 4,503,429, Cl. 340-799.000.
Taneda, Yukinori: *See—*
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Toyoshi, Seiji; Tanegawa, Tetsuo; Saeki, Masaru; and Kawakita, Tetsuya, 4,523,999, Cl. 210-639.000.
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Tosaki, Hiromi; Tanei, Hirayoshi; Ikegami, Akira; and Sugishita, Nobuyuki, 4,547,625, Cl. 174-68.500.
Tanemura, Hatsumi; Ukai, Toshinao; Okazaki, Masaki; Deguchi, Naoyasu; Fujita, Munehisa; and Yamamuro, Kiyohiko, to Fuji Photo Film Co., Ltd. Silver halide color light-sensitive materials. 4,556,633, 12-3-85, Cl. 430-573.000.
Tang, Charlene. Method for coating and infusing nut products with honey-sucrose solution for roasting. 4,515,820, 5-7-85, Cl. 426-309.000.
Tang, Chaucer C., to Du Pont de Nemours, E. I., and Company. Conjugated dienols. 4,526,993, 7-2-85, Cl. 549-445.000.
Tang, Ching-Chiang, to Amdahl Corporation. Reusable fixture for holding a segment of a flexible strip. 4,547,794, 10-15-85, Cl. 357-70.000.
Tang, Ching W.: *See—*
VanSlyke, Steven A.; and Tang, Ching W., 4,539,507, Cl. 313-504.000.
Tang, Chung L.: *See—*
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Tang, D. Duan-Lee: *See—*
Silvestri, Victor; and Tang, D. Duan-Lee, 4,526,631, Cl. 148-175.000.
Tang, David Y., to Occidental Chemical Corporation. Process for the preparation of 4-fluorophthalic anhydride. 4,517,372, 5-14-85, Cl. 549-246.000.
Tang, David Y.: *See—*
Cotter, Byron R.; and Tang, David Y., 4,500,471, Cl. 260-544.00D.
Tang, Kuo-Chang; and Berkowitz, Phillip T., to Olin Corporation. Process for trimerizing organic polyisocyanates. 4,503,226, 3-5-85, Cl. 544-193.000.
Tang, Robert H., to PPG Industries, Inc. Dicyanomethyl ethyl peroxy dicarbonate polymerization initiators. 4,492,656, 1-8-85, Cl. 260-453.0RZ.
Tang, Robert H., to PPG Industries, Inc. Peroxide composition. 4,515,929, 5-7-85, Cl. 526-228.000.
Tang, Robert H., to PPG Industries, Inc. Method for polymerizing ethylenically unsaturated monomer with novel organic percarbonates. 4,522,991, 6-11-85, Cl. 526-230.500.
Tang, Robert H., to PPG Industries, Inc. Tertiaryalkyl peroxycarbonates. 4,526,726, 7-2-85, Cl. 260-463.000.
Tang, Robert H.: *See—*
Black, Donald J.; and Tang, Robert H., 4,552,682, Cl. 252-186.260.
Tang, Wai-Cheung: *See—*
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Tangney, Thomas J.; and Ziemelis, Maris J., to Dow Corning Corporation. Silicones bearing acylated diaminohydrocarbyl radicals and method therefor. 4,507,455, 3-26-85, Cl. 528-26.000.
Tangorra, Giorgio, to Industrie Pirelli S.p.A. Driving belt. 4,543,080, 9-24-85, Cl. 474-204.000.
Tangorra, Giorgio; Robecchi, Edoardo; and Magnabosco, Lino, to Industrie Pirelli S.p.A. Transmission joint. 4,547,175, 10-15-85, Cl. 464-56.000.
Tangorra, Giorgio; Cicognani, Mario; and Macchiarulo, Vincenzo, to Industrie Pirelli S.p.A. Toothed-belt and toothed-pulley transmission. 4,553,952, 11-19-85, Cl. 474-153.000.
Tanguy, Christian, to Societe Anonyme D.B.A. Rotary distributor for a hydraulic servo-mechanism. 4,499,922, 2-19-85, Cl. 137-625.240.
Tanguy, Christian, to Societe Anonyme D.B.A. Three-way solenoid valve. 4,534,382, 8-13-85, Cl. 137-627.500.
Tani, Chizuka: *See—*
Shimidzu, Yasutaka; Kenmochi, Hirohito; Ueno, Toshihiko; and Tani, Chizuka, 4,505,549, Cl. 350-349.000.
Tani, Haruhisa: *See—*
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Tani, Hideo: *See—*
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Tani, Hirozi: *See—*
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Tani, Hoshiro: *See—*
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Tani, Katsya: *See—*
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Tani, Keizo; and Ogasawara, Masahiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Method of producing a semiconductor device. 4,558,510, 12-17-85, Cl. 29-588.000.
Tani, Kenroku: *See—*
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Tani, Kozaburo; and Watanabe, Tsutomu, to Secom Co., Ltd. Security alarm system. 4,559,526, 12-17-85, Cl. 340-539.000.
Tani, Masanori; Eto, Shin'ichi; and Funakoshi, Takeshi, to Mitsubishi Jidosha Kogyo Kabushiki Kaisha. Brake system for vehicles. 4,560,210, 12-24-85, Cl. 303-22.00R.
Tani, Nobutaka: *See—*
Mita, Tetsuo; Nakanishi, Hirotazu; Takase, Junji; Isayama, Katsuhiko; and Tani, Nobutaka, 4,507,469, Cl. 528-425.000.
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Yamauchi, Masakatu, 4,512,865, Cl. 204-271.000.
Tanida, Masashi: *See—*
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- Ueda, Ikuo; Taniguchi, Kiyoshi; and Katsura, Yousuke, 4,562,190, Cl. 514-254.000.

Taniguchi, Koichi: *See—*
- Okatsuka, Hisashi; Taniguchi, Koichi; Konno, Mitsuo; and Narita, Ryuho, 4,504,718, Cl. 219-10.55B.
- Okatsuka, Hisashi; Taniguchi, Koichi; and Kakizawa, Toshio, 4,549,056, Cl. 219-10.770.

Taniguchi, Kozo: *See—*
- Iwanami, Yoshiyuki; Taniguchi, Kozo; Funazaki, Mitsunori; and Takenouchi, Tomoo, 4,502,524, Cl. 164-66.100.

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- Tomioka, Susumu; and Taniguchi, Masahiko, 4,500,384, Cl. 156-290.000.

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- Tanaka, Norio; Taniguchi, Masakazu; Baba, Masatoshi; Ikai, Takashi; Nawamaki, Tsutomu; and Matsunaga, Masaji, 4,557,753, Cl. 71-92.000.

Taniguchi, Masato: *See—*
- Umeda, Tadashi; Miyoshi, Hideo; Kishimoto, Keiichi; Iida, Kazumi; Akiyama, Kazunori; Abe, Yuji; and Taniguchi, Masato, 4,520,354, Cl. 340-679.000.

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Taniguchi, Motoya; Ikeda, Minoru; and Komeyama, Yoshihiro, to Hitachi, Ltd. Precision parallel translation system. 4,492,356, 1-8-85, Cl. 248-346.000.

Taniguchi, Motoya: *See—*
- Komeyama, Yoshihiro; and Taniguchi, Motoya, 4,516,254, Cl. 378-34.000.

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Taniguchi, Nobuyuki; Ishikawa, Norio; Akada, Yasuaki; Egawa, Takeshi; and Kawamura, Kunio, to Minolta Camera Kabushiki Kaisha. Camera system capable of focus detection through an interchangeable objective lens. 4,509,842, 4-9-85, Cl. 354-402.000.

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- Kobori, Toshio; Taniguchi, Nobuyuki; Omaki, Takanobu; and Nakai, Masaaki, 4,529,290, Cl. 354-442.000.
- Matsumoto, Toshiaki; and Taniguchi, Nobuyuki, 4,540,261, Cl. 354-173.110.
- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,509,846, Cl. 354-442.000.
- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,529,288, Cl. 354-442.000.
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- Nakai, Masaaki; Sahara, Masayoshi; and Taniguchi, Nobuyuki, 4,560,267, Cl. 354-412.000.

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- Nagasawa, Shiro; Morimoto, Naruaki; Fujimura, Toshio; Itoh, Masayuki; and Taniguchi, Shinya, 4,542,730, Cl. 123-489.000.

Taniguchi, Toshiaki: *See—*
- Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Taniguchi, Tsutomu: *See—*
- Sato, Ryuichi; Taniguchi, Tsutomu; and Ohba, Masatoshi, 4,520,289, Cl. 310-316.000.

Taniguchi, Yasumaru: *See—*
- Miyamoto, Hirofumi; Kaitatsu, Nobuaki; Sugitani, Junichi; Taniguchi, Yasumaru; and Kaji, Tetsuo, 4,555,948, Cl. 73-640.000.

Taniguchi, Yasunori: *See—*
- Takeda, Hisao; and Taniguchi, Yasunori, 4,525,527, Cl. 524-831.000.

Taniguchi, Yousuke: *See—*
- Yamasaki, Syuichi; Yamaguchi, Hiroshi; and Taniguchi, Yousuke, 4,559,200, Cl. 420-492.000.

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- Horikawa, Kazuo; and Taniguchi, Yutaka, 4,546,250, Cl. 250-227.000.
- Sakaino, Michio; Igarashi, Hisashi; and Taniguchi, Yutaka, 4,495,904, Cl. 123-179.00G.

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Tanii, Shigetaka; and Sasaki, Hisao, to Toyama Machine Works, Ltd. Robot hand driving mechanism. 4,492,510, 1-8-85, Cl. 414-733.000.

Tanikawa, Keiichi; Fujii, Masahiro; and Kanno, Hideo, to Nippon Steel Corporation. Aqueous solution for cooling cold-rolled steel strip in a continuous annealing process. 4,561,911, 12-31-85, Cl. 148-18.000.

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Tanikawa, Kunihiro; and Ohtsuki, Osamu, to Fujitsu Limited. Charge coupled device having meandering channels. 4,562,452, 12-31-85, Cl. 357-24.000.

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Tanikawa, Shoji: *See—*
- Enomoto, Ryo; Yamauchi, Hidetoshi; and Tanikawa, Shoji, 4,499,147, Cl. 428-428.000.

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- Yoshida, Haruo; Tagoshi, Hirotaka; Morohashi, Yasushi; and Tanikoshi, Toshiaki, 4,518,756, Cl. 526-313.000.

Tanimizu, Makoto: *See—*
- Yamamoto, Shigeo; Tanimizu, Makoto; Shirakawa, Kenzo; and Wataya, Hideji, 4,559.456, Cl. 307-66.000.

Tanimizu, Tooru: *See—*
- Yoshikawa, Isao; Tanimizu, Tooru; and Sugitani, Sinzi, 4,504,885, Cl. 361-342.000.

Tanimoto, Akira: *See—*
- Hashimoto, Shintaro; and Tanimoto, Akira, 4,542,478, Cl. 364-900.000.

- Tanimoto, Fumio: *See—*
  - Inoue, Yoshiharu; Tanimoto, Fumio; and Kitano, Hisao, 4,524,017, Cl. 252-522.00R.
- Tanimoto, Hirotoshi: *See—*
  - Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, 4,521,631, Cl. 568-478.000.
- Tanimoto, Iwao: *See—*
  - Kako, Hiroyoshi; Kobayashi, Nobuo; Tanimoto, Iwao; and Aiba, Shigeo, 4,539,857, Cl. 74-422.000.
- Tanimoto, Koji: *See—*
  - Nosaki, Takefumi; Tanimoto, Koji; and Hosoya, Masahiro, 4,558,941, Cl. 355-3.0DD.
- Tanimoto, Masahiro, to Horiba, Ltd. Gas doser. 4,553,423, 11-19-85, Cl. 73-1.00G.
- Tanimoto, Masahiro: *See—*
  - Hosokawa, Yoshinori; Tanimoto, Masahiro; and Tsuji, Katsuya, 4,510,610, Cl. 373-118.000.
  - Yamada, Takeshi; Ohashi, Hideki; and Tanimoto, Masahiro, 4,559,201, Cl. 422-63.000.
- Tanimoto, Sigemi: *See—*
  - Otsuka, Ryotatsu; Tanimoto, Sigemi; and Toyoda, Kazuo, 4,556,419, Cl. 75-68.00R.
- Tanimoto, Yasufumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Two speed step motor driving apparatus for copying machines. 4,540,927, 9-10-85, Cl. 318-696.000.
- Tanimoto, Yasufumi; and Ogura, Masahiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Pulse motor-driving circuit. 4,549,126, 10-22-85, Cl. 318-696.000.
- Tanimoto, Yasufumi: *See—*
  - Nawata, Yoshiaki; and Tanimoto, Yasufumi, 4,555,653, Cl. 318-696.000.
- Tanimoto, Yoshio: *See—*
  - Aizawa, Makoto; Kishimoto, Tsuneo; and Tanimoto, Yoshio, 4,501,790, Cl. 428-283.000.
- Tanimura, Keizo: *See—*
  - Kasuga, Takuzo; Ikenaga, Yukio; Yamawaki, Masami; and Tanimura, Keizo, 4,559,380, Cl. 524-317.000.
- Tanimura, Masayuki: *See—*
  - Kondo, Tatsuo; Tamura, Manabu; Tanimura, Masayuki; and Kamemura, Yoshiki, 4,556,423, Cl. 75-125.000.
- Tanimura, Nobuyoshi; Yamamoto, Sho; Yoshizaki, Kazuo; and Akima, Isao, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. High speed semiconductor memory device having a high gain sense amplifier. 4,509,147, 4-2-85, Cl. 365-190.000.
- Tanimura, Nobuyoshi; and Yasui, Tokumasa, to Hitachi, Ltd. Method of making semiconductor memory device. 4,554,729, 11-26-85, Cl. 29-577.00C.
- Tanimura, Nobuyoshi: *See—*
  - Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu, 4,507,759, Cl. 365-189.000.
- Taninaka, Kuniaki: *See—*
  - Kurono, Hitoshi; Taninaka, Kuniaki; Sugimoto, Tatsuyoshi; and Katoh, Minoru, 4,535,075, Cl. 514-96.000.
- Tanino, Hiroshi; Okamoto, Tetsuhiko; Ueyama, Shinichiro; Fujikawa, Kazuhiko; and Tsumiyama, Takatoshi, to Shin Nisso Kako Co., Ltd. Process for purifying phosphonitrile chlorides. 4,522,689, 6-11-85, Cl. 203-52.000.
- Tanino, Katsumi; Fujiki, Satoshi; and Okamoto, Shinzi, to Toyama Prefecture; and Hokuriku Electric Industry Co., Ltd. Conductive paint. 4,499,010, 2-12-85, Cl. 252-512.000.
- Tanioku, Shozo: *See—*
  - Mikita, Muneharu; Tanioku, Shozo; and Touda, Takayasu, 4,552,938, Cl. 526-240.000.
- Tanisake, Hiroka: *See—*
  - Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.
- Taniuchi, Akira; Nishibori, Setsuo; Komori, Hirohito; and Hayashi, Motoshige, to Sekisui Kaseihin Kogyo Kabushiki Kaisha; and Dai-Ichi Kogyo Seiyaku Co., Ltd. Granular organohalide flame retardant additive. 4,530,880, 7-23-85, Cl. 428-402.000.
- Taniuchi, Akira: *See—*
  - Fujita, Takeshi; Mori, Shigeo; Kataoka, Hironori; and Taniuchi, Akira, 4,521,586, Cl. 528-297.000.
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- Taniuchi, Masahiko: *See—*
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- Taniuchi, Tetsuo; and Tsujimoto, Yoshinobu, to Matsushita Electric Industrial Co., Ltd. Fiber optic magnetic field sensor. 4,554,449, 11-19-85, Cl. 250-227.000.
- Taniyama, Yoshitaka: *See—*
  - Kato, Yasuyuki; Kasuga, Kentaro; Taniyama, Yoshitaka; Ichihara, Masuji; and Suzuki, Tamio, 4,529,747, Cl. 523-108.000.
- Tanizaki, Hiroyuki; Ebihara, Sakae; Hatanaka, Akimitsu; Ogawa, Takayoshi; and Kanazawa, Yuzo, to Nissan Motor Company, Limited; Aichi Machine Industry Company, Limited; and Ikeda Bussan Co., Ltd. Seat device. 4,496,189, 1-29-85, Cl. 297-63.000.
- Tanizaki, Hiroyuki: *See—*
  - Ebihara, Sakae; Tanizaki, Hiroyuki; Sato, Kazuma; and Kanazawa, Yuzo, 4,541,667, Cl. 297-64.000.
- Tanizawa, Ronald: *See—*
  - Zasio, John; Elvey, Dwight; and Tanizawa, Ronald, 4,504,783, Cl. 324-73.00R.
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- Tanizawa, Tetsu, to Fujitsu Limited. Transistor-transistor logic circuit with improved switching times. 4,535,258, 8-13-85, Cl. 307-454.000.
- Tanizawa, Tetsu, to Fujitsu Limited. TTL circuit in which transient current is prevented from flowing therethrough. 4,562,364, 12-31-85, Cl. 307-454.000.
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- Tank, Eggert: *See—*
  - Wiegard, Klaus; Kinast, Karlheinz; Kleinekathofer, Wolfgang; and Tank, Eggert, 4,551,396, Cl. 428-678.000.
- Tank, Gene F.; Dawson, Samuel O.; and Barnett, Phillip R., to Nordson Corporation. Apparatus for filtering air for a powder spray booth. 4,498,913, 2-12-85, Cl. 55-356.000.
- Tanken Seiko Corp.: *See—*
  - Nagai, Yataro; and Fukuoka, Kazuya, 4,545,588, Cl. 277-93.0SD.
- Tann-Papier Gesellschaft m.b.H.: *See—*
  - Hollinetz, Walter, 4,501,953, Cl. 219-384.000.
- Tannahill, Clifton A., to Union Oil Company of California. Method of fabricating a broad-based submersible structure. 4,556,342, 12-3-85, Cl. 405-203.000.
- Tannenlaufer, Gerd; Frank, Julius; and Forsting, Bernhard, to Ford Motor Company. Arrangement for controlling an air duct. 4,541,611, 9-17-85, Cl. 251-228.000.
- Tanner, Bertrand D.: *See—*
  - Campbell, Gaylon S.; Tanner, Bertrand D.; and Gauthier, Robert V., 4,526,034, Cl. 73-336.500.
- Tanner Chaplin Tracks Ltd.: *See—*
  - Tanner, Peter R.; and Chaplin, Eric, 4,547,030, Cl. 339-21.00R.
- Tanner Companies, The: *See—*
  - Gillen, Orval D.; and Healey, John G., Jr., 4,519,711, Cl. 366-4.000.
- Tanner, Dale. Metering device for fluids. 4,518,102, 5-21-85, Cl. 222-61.000.
- Tanner, David P., to Atlantic Richfield Company. Process for forming microcrystalline silicon material and product. 4,492,736, 1-8-85, Cl. 428-446.000.
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- Tanner, Douglas J., to General Signal Corporation. Valve actuator coupling. 4,558,605, 12-17-85, Cl. 74-102.000.
- Tanner, Hans, to George Fischer Limited. Process and apparatus for packing granular foundry materials. 4,505,316, 3-19-85, Cl. 164-37.000.
- Tanner, Herbert: *See—*
  - Bolze, Rudolf; Geiger, Friedhelm; Spindler, Manfred; and Tanner, Herbert, 4,518,801, Cl. 562-559.000.
- Tanner, Howard M. C., to HGM, Inc. Disposable hand piece for surgical lasers. 4,517,974, 5-21-85, Cl. 128-303.100.
- Tanner, Howard M. C., to HGM, Inc. Detachable laser optical fiber assembly and method of adjustment. 4,526,170, 7-2-85, Cl. 128-303.100.
- Tanner, Howard M. C., to HGM, Inc. Laser endocoagulator apparatus. 4,537,193, 8-27-85, Cl. 128-303.100.
- Tanner, Howard M. C., to HGM, Inc. Optical shutter. 4,549,787, 10-29-85, Cl. 350-315.000.
- Tanner, Jesse H. Omnidirectional approach slope indicator system. 4,532,512, 7-30-85, Cl. 340-950.000.
- Tanner, John G., to Boeing Company, The. Shield stripper for electrical wiring. 4,557,163, 12-10-85, Cl. 81-9.440.
- Tanner, Mark. Pollution inhibitor packing nut. 4,553,637, 11-19-85, Cl. 184-15.100.
- Tanner, Murray Q., III: *See—*
  - Mason, Edward M.; Tanner, Murray Q., III; and Finley, Michael J., 4,501,414, Cl. 269-325.000.
- Tanner, Peter R.; and Chaplin, Eric, to Tanner Chaplin Tracks Ltd. Electrical distribution system. 4,547,030, 10-15-85, Cl. 339-21.00R.
- Tanner, Robert M., to Leland Stanford Junior University, The Board of Trustees of the. Error detecting and correcting memories. 4,547,882, 10-15-85, Cl. 371-38.000.
- Tanner, Sally A.: *See—*
  - Garcia, Carlos N.; Rigg, Bryan C.; and Tanner, Sally A., 4,514,489, Cl. 430-327.000.
- Tanner, William M.: *See—*
  - Lee, David N.; and Tanner, William M., 4,549,761, Cl. 296-206.000.
- Tanno, Norihiko: *See—*
  - Ishizumi, Kikuo; Muramatsu, Michihisa; Sato, Hiromi; Tanno, Norihiko; and Yoshida, Noboru, 4,545,936, Cl. 260-377.000.
- Tanno, Satoru, to Showa Manufacturing Co., Ltd. Shock absorber having adjustable damping means including an auxiliary oil tank. 4,546,959, 10-15-85, Cl. 267-64.150.

Tanno, Seikichi: *See—*
  - Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, 4,523,668, Cl. 192-107.00M.
  - Umeda, Takao; Simazaki, Yuzuru; Igawa, Tatsuo; Tanno, Seikichi; Sasaki, Ken; and Miyashita, Takao, 4,505,546, Cl. 350-334.000.

Tanno, Shogo, to Dainichi-Nippon Cables, Ltd. Apparatus for electrically testing multi-core cables. 4,510,435, 4-9-85, Cl. 324-52.000.

Tano, Eiichi; Kobayashi, Takeo; and Negishi, Kiyoshi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Photographing mode display switching circuit. 4,557,575, 12-10-85, Cl. 354-289.100.

Tano, Eiichi; Kobayashi, Takeo; and Negishi, Kiyoshi, to Asahi Kogaku Kogyo Kabushiki Kaisha. Manual aperture value setting circuit for camera. 4,558,940, 12-17-85, Cl. 354-455.000.

Tano, Eiichi: *See—*
  - Negishi, Kiyoshi; Kawasaki, Masahiro; and Tano, Eiichi, 4,514,075, Cl. 354-446.000.
  - Wakui, Yoshio; Negishi, Kiyoshi; and Tano, Eiichi, 4,555,170, Cl. 354-470.000.

Tano, Hiroshi: *See—*
  - Shiraishi, Minoru; Numata, Yoshimi; Tano, Hiroshi; and Onaka, Tatsumi, 4,532,878, Cl. 114-222.000.

Tano, Kazuo; Sato, Keiichi; and Okoshi, Toru, to Mitsubishi Chemical Industries Limited. Hydroformylation process for preparation of aldehydes and alcohols. 4,528,403, 7-9-85, Cl. 568-454.000.

Tano, Tetsuo; and Hayashi, Akira, to Lion Corporation. High concentration surfactant slurry. 4,507,223, 3-26-85, Cl. 252-353.000.

Tanonis, David R.; and Darbut, Alexander L., to Rubbermaid Incorporated; and Polymer Engineering Inc. Microwave browning wares and method for the manufacture thereof. 4,542,271, 9-17-85, Cl. 219-10.55E.

Tanoue, Tomonori: *See—*
  - Sakaki, Hiroyuki; Tanoue, Tomonori; and Nojiri, Hidetoshi, 4,553,317, Cl. 29-572.000.

Tanoue, Toyosuke; Sueyasu, Masanobu; Fukuda, Mitsuichiro; and Matsuo, Tohru, to Sumitomo Metal Industries, Ltd. Apparatus for gasifying solid carbonaceous materials. 4,545,786, 10-8-85, Cl. 48-92.000.

Tanoue, Yasuhiro: *See—*
  - Terada, Akira; and Tanoue, Yasuhiro, 4,560,511, Cl. 260-396.00R.

Tanoue, Yoriko: *See—*
  - Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, 4,495,315, Cl. 523-125.000.
  - Miyoshi, Hiroshi; Mori, Hirohumi; and Tanoue, Yoriko, 4,517,318, Cl. 523-126.000.

Tansei, Hikaru: *See—*
  - Maeda, Muneyoshi; Endo, Kazuyuki; and Tansei, Hikaru, 4,526,217, Cl. 152-527.000.

Tansuwan, Chusak, to ACF Industries, Incorporated. Spark control apparatus. 4,512,309, 4-23-85, Cl. 123-425.000.

Tantawi, Ahmed M. Safety case for the medical glass thermometer. 4,560,287, 12-24-85, Cl. 374-194.000.

Tantillo, Donnie J.; Kratochvil, David F.; Moore, Robert G.; and Browne, Edward M., to Geosource Inc. Electronic roll-a-long switch. 4,519,052, 5-21-85, Cl. 367-79.000.

Tanuma, Chiaki; Yokoyama, Katsunori; and Suda, Yoshiyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Solid state image sensing device. 4,554,586, 11-19-85, Cl. 358-213.000.

Tanuma, Chiaki: *See—*
  - Suda, Yoshiyuki; Yokoyama, Katsunori; and Tanuma, Chiaki, 4,510,412, Cl. 310-328.000.

Tanuma, Itsuo; Takeichi, Hideo; Fukuura, Yukio; Ohyachi, Tomio; and Naito, Kazuo, to Bridgestone Tire Company Limited. Sandwich glasses. 4,511,627, 4-16-85, Cl. 428-429.000.

Tanuma, Itsuo: *See—*
  - Kitamura, Takashi; Fukuura, Yukio; Tanuma, Itsuo; Shinogaya, Toshikazu; and Noda, Yuji, 4,548,687, Cl. 204-159.170.

Tanuma, Jiro: *See—*
  - Kikuchi, Hiroshi; Tanuma, Jiro; Koshida, Yoshinori; and Itaya, Takashi, 4,526,486, Cl. 400-185.000.

Tanz, Heiner: *See—*
  - Eisenlohr, Karl-Heinz; Gaensslen, Hans; Kriebel, Manfred; and Tanz, Heiner, 4,515,604, Cl. 48-197.00R.

Tanzawa, Katsujirou: *See—*
  - Furukawa, Kazuyoshi; Shimbo, Masaru; Fukuda, Kiyoshi; and Tanzawa, Katsujirou, 4,542,105, Cl. 501-22.000.

Tanzman, Allan: *See—*
  - Kryskow, J. Michael, Jr.; and Tanzman, Allan, 4,506,360, Cl. 370-85.000.

Tao, Deh C.: *See—*
  - Evans, Julie F.; Findlay, Hugh T.; Popyach, Stephen A.; and Tao, Deh C., 4,504,840, Cl. 346-76.0PH.

Tao, John C.: *See—*
  - Roberts, George W.; and Tao, John C., 4,534,847, Cl. 208-8.0LE.
  - Skinner, Ronald W.; Tao, John C.; and Znaimer, Samuel, 4,491,511, Cl. 208-8.0LE.
  - Skinner, Ronald W.; Tao, John C.; and Znaimer, Samuel, 4,510,040, Cl. 208-10.000.

Tao, Luh C.; and Blease, James W., to University of Nebraska, The Board of Regents of the. Water separation process. 4,492,637, 1-8-85, Cl. 210-711.000.

Tao, Muneo; and Migaki, Fumihiko, to Matsushita Electric Industrial Co., Ltd. Burner apparatus. 4,519,775, 5-28-85, Cl. 431-344.000.

Tao, Thomas, to James River-Dixie/Northern, Inc. Fiber moisture control in the formation of dry-laid webs. 4,533,507, 8-6-85, Cl. 261-153.000.

Taoda, Hiroshi: *See—*
  - Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, 4,502,930, Cl. 204-160.100.

Taoda, Kiyomichi: *See—*
  - Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.

Taoka Chemical Company, Limited: *See—*
  - Nagasawa, Takashi; and Nakata, Tiaki, 4,496,685, Cl. 524-708.000.

Taomo, Toshio: *See—*
  - Nagashima, Akira; and Taomo, Toshio, 4,543,915, Cl. 123-41.650.

Tapco Products Company, Inc.: *See—*
  - Break, Douglas G., 4,557,132, Cl. 72-319.000.
  - Rhoades, James J., 4,493,200, Cl. 72-319.000.
  - Rhoades, James J., 4,494,397, Cl. 72-320.000.
  - Rhoades, James J., 4,512,174, Cl. 72-319.000.

Tape, Robert F.: *See—*
  - Szuminski, Gary F.; Nightingale, Douglas J.; and Tape, Robert F., 4,502,638, Cl. 239-265.290.
  - Szuminski, Gary F.; and Tape, Robert F., 4,529,130, Cl. 239-265.290.

Tapeswitch Corporation of America: *See—*
  - Koenig, Robert H.; and Lovell, Walter, 4,551,595, Cl. 200-86.00R.

Tapia, Graciano J.; and Martinez, Oscar G., to Alcudia, Empresa Para la Industria Quimica, S.A. Polymeric covering materials for growing plants or crops. 4,559,381, 12-17-85, Cl. 524-405.000.

Taplin, John F. Pilot operated supply and waste control valve. 4,516,604, 5-14-85, Cl. 137-596.150.

Taplin, John F. Four-way control valve. 4,516,605, 5-14-85, Cl. 137-596.150.

Taplin, John F. Supply control valve with integral pressure limiter. 4,540,020, 9-10-85, Cl. 137-596.150.

Taplin, Lael B., to Vickers, Incorporated. Power transmission. 4,502,708, 3-5-85, Cl. 280-755.000.

Taplin, Lael B.: *See—*
  - Delmege, Arthur H.; El-Ibiary, Yehia M.; Rode, Melvin A.; and Taplin, Lael B., 4,502,109, Cl. 364-174.000.

Tapmatic Corporation: *See—*
  - Johnson, Allan S., 4,531,865, Cl. 408-139.000.

Tapner, Peter N.: *See—*
  - Collett, Geoffrey K.; Martin-Jones, Christopher B.; Tapner, Peter N.; Commander, David J.; Gilbey, Mark S.; and Berks, Robert S., 4,553,490, Cl. 112-38.000.
  - Corbett, John; Brown, Edric M. E.; Tapner, Peter N.; and Commander, David J., 4,561,367, Cl. 112-38.000.

Tappan Company, The: *See—*
  - Harris, Stephen K.; and Miller, Wiley W., 4,499,630, Cl. 16-121.000.

Tappan, Pam R.: *See—*
  - Tappan, R. Warner; and Tappan, Pam R., 4,508,319, Cl. 256-19.000.

Tappan, R. Warner; and Tappan, Pam R. Bender board mounting system. 4,508,319, 4-2-85, Cl. 256-19.000.

Tappe, Horst: *See—*
  - Buhler, Ulrich; Ribka, Joachim; Tappe, Horst; and Roth, Kurt, 4,505,856, Cl. 534-753.000.
  - Buhler, Ulrich; Kuhlein, Klaus; Tappe, Horst; Kallay, Maria; Kosubek, Uwe; and Lowenfeld, Rudolf, 4,552,953, Cl. 534-886.000.

Taprogge Gesellschaft mbH: *See—*
  - Bochinski, Rolf; Eimer, Klaus; Lange, Alois; and Nghiem, Xuan L., 4,554,965, Cl. 165-95.000.
  - Bochinski, Rolf; Eimer, Klaus; Lange, Alois; and Nghiem, Xuan L., 4,556,102, Cl. 165-95.000.
  - Goldberg, Gerhard; and Lange, Alois, 4,544,027, Cl. 165-95.000.
  - Patzig, Dieter, 4,539,115, Cl. 210-409.000.
  - Schmitz, Gunther, 4,550,466, Cl. 15-104.06R.

Tapscott, Donald A., to General Foods Inc. Apparatus and method for testing for leakages in hermetically-sealed packages. 4,517,827, 5-21-85, Cl. 73-45.400.

Tar, Csaba: *See—*
  - Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.

Tar Heel Technologies, Inc.: *See—*
  - Fahey, Dennis M., 4,556,338, Cl. 404-28.000.

Tar, Sandor: *See—*
  - Banfi, Andras; Leibinger, Janos; Molnar, Laszlo; Nadori nee Kozel, Gizella; and Tar, Sandor, 4,503,047, Cl. 424-195.100.

Tarabout, Alain: *See—*
  - Grauel, Christoph; Duplessis, Philippe; and Tarabout, Alain, 4,551,852, Cl. 455-33.000.

Taracatac, Corazon A.; Flores, Luis; and Chaudhry, Viren, to Shaklee Corporation. Gel tableting agent. 4,495,177, 1-22-85, Cl. 424-147.000.

Tarachand, Kishore. Composite magnet and magnetic circuit. 4,544,904, 10-1-85, Cl. 335-302.000.

Tarahelm Limited: *See—*
  - Apellaniz, Ramon, 4,501,259, Cl. 126-263.000.

Tarantino, Elia R. J.: *See—*
  - Hanlet, Jacques M.; and Tarantino, Elia R. J., 4,554,908, Cl. 126-443.000.

Tarantino, Jeffrey W., to Friendly Ice Cream Corporation. Stratified chromatically distinct sherbet confection and method of making same. 4,507,326, 3-26-85, Cl. 426-101.000.

Tarao, Ryokichi: *See—*
  - Yemoto, Jiichiro; Tarao, Ryokichi; and Yamamoto, Yoshio, 4,500,725, Cl. 556-482.000.

Yemoto, Jiichiro; Tarao, Ryokichi; and Yamamoto, Yoshio, 4,524,018, Cl. 252-522.00A.

Tarayre, Jean-Pierre: *See—*
  Cousse, Henri; Mouzin, Gilbert; Tarayre, Jean-Pierre; and Rieu, Jean-Pierre, 4,510,142, Cl. 514-255.000.

Tarbell, Robert J. Piano truck. 4,491,334, 1-1-85, Cl. 280-47.120.

Tarbouriech, Francois: *See—*
  Athenes, Claude; Tarbouriech, Francois; and Poux, Gerard, 4,491,837, Cl. 340-825.020.

Tarbox, Bruce H.; Rathbun, Donald J.; and Su, Taian, to Honeywell Information Systems Inc. Single revolution disk sector formatter. 4,554,598, 11-19-85, Cl. 360-48.000.

Tarbox, Bruce H.: *See—*
  Bruce, Kenneth E.; Lombardo, Ralph M., Jr.; Tarbox, Bruce H.; and Conway, John W., 4,521,848, Cl. 364-200.000.

Tarbox, Gary L.: *See—*
  Barnes, Stephen R.; Tarbox, Gary L.; Huntsman, Lee L.; and McLaren, Barry D., 4,509,526, Cl. 128-663.000.

Tarbox, Inc.: *See—*
  Tarbox, Max R.; and Rosales, Nancy, 4,556,215, Cl. 272-119.000.

Tarbox, Max R.; and Rosales, Nancy, to Tarbox, Inc. Hand exercise weights. 4,556,215, 12-3-85, Cl. 272-119.000.

Tarbuck, Robert R., to Sperry Corporation. Spiral orbital shear apparatus. 4,548,111, 10-22-85, Cl. 83-196.000.

Tarcisio, Re, to Victor Slicing Systems s.r.l. Automatic sausage slicing machine for salami and like products. 4,512,228, 4-23-85, Cl. 83-355.000.

Tarcsay, Lajos: *See—*
  Hartmann, Albert; Wacker, Oskar; Baschang, Gerhard; and Tarcsay, Lajos, 4,548,923, Cl. 514-8.000.

Tardif, Jean, to Maisons Phenix. Means and method for preventing cracks from developing in an industrialized house. 4,507,009, 3-26-85, Cl. 403-306.000.

Tardivel, Georges M., to Tardivel, Monique M. Rope climbing exercise apparatus. 4,512,570, 4-23-85, Cl. 272-112.000.

Tardivel, Georges M.; and Tardivel, Monique M. Inflatable ship interior simulating play tent. 4,556,391, 12-3-85, Cl. 446-7.000.

Tardivel, Georges M.: *See—*
  Tardivel, Monique M., 4,513,461, Cl. 5-413.000.

Tardivel, Monique M., to Tardivel, Georges M. Sleeping bag with removable sheet. 4,513,461, 4-30-85, Cl. 5-413.000.

Tardivel, Monique M.: *See—*
  Tardivel, Georges M., 4,512,570, Cl. 272-112.000.
  Tardivel, Georges M.; and Tardivel, Monique M., 4,556,391, Cl. 446-7.000.

Tardy, John, to AT&T Technologies, Inc. Apparatus for testing the integrity of an electrical coil as it is wound. 4,538,771, 9-3-85, Cl. 242-7.120.

Tardy nee Lengyel, Marta: *See—*
  Szejtli, Jozsef; and Tardy nee Lengyel, Marta, 4,529,608, Cl. 426-96.000.

Tarello, William R.; Lopez, Claudio; Gordon, Linda A.; Whalen, Thomas D.; and Harvey, William B., to Survival Technology, Inc. Multiple medicament cartridge clip and medicament discharging device therefor. 4,518,384, 5-21-85, Cl. 604-61.000.

Targan, Ronald G. Process for producing black barley malt extract. 4,496,605, 1-29-85, Cl. 426-655.000.

Targosz, Thomas C., to K. J. Law Engineers, Inc. Fully automatic penetration hardness tester. 4,534,212, 8-13-85, Cl. 73-83.000.

Targowski, Roger: *See—*
  Hill, Harold I.; Norem, Stanley D.; and Targowski, Roger, 4,537,572, Cl. 432-55.000.

Tarjan, Peter P., to Cordis Corporation. Carbon coating of grafts or catheters. 4,537,791, 8-27-85, Cl. 427-2.000.

Tarjan, Peter P., to Cordis Corporation. Method for lead introduction and fixation. 4,538,624, 9-3-85, Cl. 128-784.000.

Tarjan, Peter P.; Miller, Sandra L.; and Martin, John, to Cordis Corporation. Implantable lead. 4,549,556, 10-29-85, Cl. 128-785.000.

Tark, Sung Y.: *See—*
  Lipson, Melvin A.; Derrico, Gene A.; Tark, Sung Y.; and Yamazaki, Toshio, 4,539,286, Cl. 430-277.000.

Tarkan, Yusaf: *See—*
  Lichti, Robert D., 4,559,660, Cl. 14-71.500.

Tarkett AB: *See—*
  Grimhall, Carl G.; and Hoel, Olav, 4,516,614, Cl. 144-364.000.

Tarleton, George K., to GTE Automatic Electric Laboratories Incorporated. Race condition mediator circuit. 4,544,850, 10-1-85, Cl. 307-269.000.

Tarnay, Denes, to General Electric Company. Lamp unit having glass reflector member with recessed base end. 4,499,526, 2-12-85, Cl. 362-263.000.

Tarnay, Matthew G.: *See—*
  Szemeredi, Robert S.; Tarnay, Matthew G.; and Lee, Kenneth, 4,502,165, Cl. 4-192.000.

Tarng, Ming L.; and Romito, William S., to RCA Corporation. Method for determining the integrity of passivant coverage over rectifying junctions in semiconductor devices. 4,520,312, 5-28-85, Cl. 324-158.00D.

Tarnoff, Sherwin S.; and Sano, Mikio. Recoil reducer. 4,534,264, 8-13-85, Cl. 89-14.300.

Tarnowski, Andrew A.; and Anderson, Brian G., to Image Graphics, Incorporated. Method and apparatus for correcting image distortions. 4,518,898, 5-21-85, Cl. 315-371.000.

Tarozzi, R. A.; and Formhals, C., to King-Seeley Thermos Co. Leakproof dispensing container. 4,550,864, 11-5-85, Cl. 222-209.000.

Tarplee, Michael K., to Lucas Industries Public Limited Company. Master cylinder assembly for a vehicle braking system. 4,516,400, 5-14-85, Cl. 60-535.000.

Tarpley, Robert S.: *See—*
  Dyer, Richard J.; and Tarpley, Robert S., 4,532,880, Cl. 114-298.000.

Tarquinio, William R. Golf practice game. 4,522,406, 6-11-85, Cl. 273-197.00A.

Tarr, Henry, to Auto-Tint, Inc. Multicolor tinter tank system. 4,556,011, 12-3-85, Cl. 118-46.000.

Tarrant, Thomas G. Three part diskette labeling system. 4,507,883, 4-2-85, Cl. 40-2.00R.

Tarsia, Joseph; Ross, Alexander S.; and Gertsek, Marina, to Kenro Corporation. Slide supporting assembly for color-slide duplicator. 4,497,574, 2-5-85, Cl. 355-76.000.

Tartaglia, John A. Medicine container having lyophilized powder and diluent stored in separate sealed chambers. 4,518,386, 5-21-85, Cl. 604-89.000.

Tartaglino, Jerry J. Selective zone isolation for HVAC system. 4,522,116, 6-11-85, Cl. 98-39.100.

Tartar, Andre: *See—*
  Duflot, Anabela; Gras, Helene; Tartar, Andre; Duflot, Edith; and Boquet, Patrice, 4,499,080, Cl. 514-12.000.

Tartois, Claude: *See—*
  Hajj Chehade, Mohammed; Lecat, Jean; and Tartois, Claude, 4,535,296, Cl. 329-103.000.

Tarui, Yuichi; and Obayashi, Toshio, to Marusho Industrial Co., Ltd. Protective coating stripping apparatus. 4,508,589, 4-2-85, Cl. 156-584.000.

Tarumi, Niro; Okubo, Yoichi; and Yoshimoto, Seiichi, to Hoya Lens Corporation. Plastic lens. 4,528,351, 7-9-85, Cl. 526-314.000.

Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Electrostatic reproducing apparatus. 4,495,508, 1-22-85, Cl. 346-159.000.

Tarumi, Noriyoshi; Okamoto, Yukio; Kimura, Kiyoshi; Fukuchi, Masakazu; Miwa, Tadashi; and Ito, Kunio, to Konishiroku Photo Industry Co., Ltd. Recording apparatus. 4,518,976, 5-21-85, Cl. 346-153.100.

Tarumi, Noriyoshi; Kimura, Kiyoshi; and Iwahashi, Haruo, to Konishiroku Photo Industry Co., Ltd. Method and apparatus for improved retention copying. 4,531,827, 7-30-85, Cl. 355-14.00R.

Tarumi, Noriyoshi; Kimura, Kiyoshi; and Gunji, Kouichi, to Konsihiroku Photo Industry Co., Ltd. Image reproducing apparatus with high-speed transfer mechanism. 4,542,978, 9-24-85, Cl. 355-3.0TR.

Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, to Konishiroku Photo Industry Co., Ltd. Ion modulating electrode. 4,562,447, 12-31-85, Cl. 346-159.000.

Tarumi, Noriyoshi: *See—*
  Itaya, Masahiko; Haneda, Satoshi; Tarumi, Noriyoshi; and Tomono, Makoto, 4,530,595, Cl. 355-15.000.
  Miwa, Tadashi; Kimura, Kiyoshi; Okamoto, Yukio; and Tarumi, Noriyoshi, 4,531,825, Cl. 355-3.0TR.
  Seimiya, Ryubun; Tarumi, Noriyoshi; Kokiso, Masakazu; and Tsuchiya, Hiroshi, 4,511,622, Cl. 428-323.000.

Tarumi, Yasuo: *See—*
  Mori, Shigeru; and Tarumi, Yasuo, 4,560,784, Cl. 556-401.000.

Tarusawa, Tetsunobu; Kawada, Shoiti; and Senzai, Ryosuke, to CKD Corporation. Miniature solenoid valve. 4,552,179, 11-12-85, Cl. 137-625.650.

Tarutani, Takashi: *See—*
  Ishii, Taiji; and Tarutani, Takashi, 4,505,968, Cl. 428-172.000.

Tarver, Wilson B., Jr.: *See—*
  Kusenberger, Felix N.; Lozano, Albert S.; and Tarver, Wilson B., Jr., 4,531,091, Cl. 324-242.000.

Tary, Maria: *See—*
  Soos, Rudolf; Kolta, Rezso; Zoltan, Sandor; and Tary, Maria, 4,521,612, Cl. 560-124.000.

Tarzaiski, Richard J., to RCA Corporation. Dynamic record level control for optical disc recorder. 4,516,235, 5-7-85, Cl. 369-116.000.

Tarzia, Giorgio: *See—*
  Mariani, Luigi; and Tarzia, Giorgio, 4,508,730, Cl. 514-218.000.

Tasai, Masaaki: *See—*
  Hamane, Tokuhito; Tasai, Masaaki; and Kubota, Tadashi, 4,497,111, Cl. 29-734.000.

Tasaka, Mitsuyuki: *See—*
  Ueno, Masato; Sato, Masayoshi; Tasaka, Mitsuyuki; and Naito, Tatsuro, 4,556,389, Cl. 433-206.000.

Tasaka, Yoshihiro; Nakamichi, Toshihiro; and Katsuhara, Yutaka, to Central Glass Company, Limited. Dehydrating decomposition process for preparing carbonyl compound. 4,554,382, 11-19-85, Cl. 568-404.000.

Tasaka, Yoshihiro: *See—*
  Sawai, Mithio; Tasaka, Yoshihiro; Kawai, Toshikazu; and Katsuhara, Yutaka, 4,544,772, Cl. 568-411.000.

Tasc Ltd.: *See—*
  Fry, Bradley; and Wexler, Alvin, 4,539,640, Cl. 364-414.000.

Tasch, Al F., Jr.: *See—*
  Houston, Theodore W.; Tasch, Al F., Jr.; Darley, Henry M.; and Fu, Horng S., 4,553,316, Cl. 29-571.000.

Taschner, Heinz: *See—*
  Breustedt, Alfred; Taschner, Heinz; Korf, Rainer; and Lorenz, Renate, 4,523,912, Cl. 433-202.000.

Taschner, Walter: *See—*
  Fastner, Thorwald; Mayrhofer, Max; and Taschner, Walter, 4,493,452, Cl. 228-158.000.

Tashiro, Chiaki; Kawakita, Takeshi; Horii, Ichiro; and Anami, Koretake, to Yoshitomi Pharmaceutical Industries Ltd. Hydrouracil compounds. 4,514,403, 4-30-85, Cl. 514-274.000.

Tashiro, Noboru: *See*—

Yamamoto, Sakuei; Nishida, Mitsuhiro; Tashiro, Noboru; and Sonoda, Nobuo, 4,496,866, Cl. 310-87.000.

Yamamoto, Sakuei; Nishida, Mitsuhiro; Inao, Hiroshi; Tashiro, Noboru; and Hani, Kiyoshi, 4,549,105, Cl. 310-87.000.

Tashiro, Shuichirow: *See*—

Masuda, Kosaku; and Tashiro, Shuichirow, 4,505,649, Cl. 417-300.000.

Okada, Kunio; Takeshima, Sadao; and Tashiro, Shuichirow, 4,502,504, Cl. 137-544.000.

Tashiro, Tsuneo: *See*—

Nagashima, Masayoshi; Yamane, Hiroshi; Nonoyama, Makoto; and Tashiro, Tsuneo, 4,542,387, Cl. 346-76.0PH.

Tashiro, Yasuhisa; and Aoki, Shigeru, to Nippon Kayaku Kabushiki Kaisha. Process for preparing optically active phenylalanine. 4,542,236, 9-17-85, Cl. 562-401.000.

Tasi, Laszlo : *See*—

Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.

Task, Harry L., to United States of America, Air Force. Diffuse incandescent runway marker light apparatus for overt/covert operation. 4,554,544, 11-19-85, Cl. 340-953.000.

Task, Harry L.: *See*—

Wyatt, Ivan S.; and Task, Harry L., 4,554,543, Cl. 340-948.000.

Taskinen, Pekka M.: *See*—

Jarvinen, Erkki J.; Taskinen, Pekka M.; Pullo, Jarmo J.; Kinnunen, Seppo T.; and Andersson, Arvo E., 4,540,290, Cl. 366-286.000.

Taskovic, Boris. Adjustable width luggage carrier apparatus. 4,545,592, 10-8-85, Cl. 280-35.000.

Tasma, Gerald W. Tamperproof packaging. 4,546,881, 10-15-85, Cl. 206-459.000.

Tasnadi, Csaba: *See*—

Szucs, Laszlo; and Tasnadi, Csaba, 4,497,689, Cl. 202-174.000.

Tasnadi, Marta: *See*—

Gorog, Katalin; Dudar, Erzebet; Gardi, Ivan; Kocsis, Maria; Gaal Sandor; and Tasnadi, Marta, 4,511,714, Cl. 548-215.000.

Tasset, Emmett L.; Dallessandro, Susan M.; and Richey, Warren F., to Dow Chemical Company, The. Flux removal solvent blend. 4,524,011, 6-18-85, Cl. 252-171.000.

Tasset, Emmett L., to Dow Chemical Company, The. Quantitative test for residual rosin on cleaned circuit boards. 4,530,601, 7-23-85, Cl. 356-36.000.

Tasset, Emmett L.: *See*—

Ishibe, Nobuyuki; Thomas, Renard L.; and Tasset, Emmett L., 4,533,653, Cl. 502-242.000.

Tassicker, Owen J., to Electric Power Research Institute, Inc. Vertically tiered particle filtering apparatus. 4,525,184, 6-25-85, Cl. 55-302.000.

Tassin, Myron J., Jr. Blood withdrawal apparatus and method of using same. 4,509,534, 4-9-85, Cl. 128-764.000.

Tassler, Milford C.: *See*—

Hsu, Oscar H. H.; and Tassler, Milford C., 4,514,532, Cl. 524-14.000.

Tassoff, James A.: *See*—

Chandra, Grish; Kohl, Gretchen S.; and Tassoff, James A., 4,559,227, Cl. 424-70.000.

Tassone, Joseph V., to Dayco Corporation. Method and apparatus for making a polymeric coated layer. 4,521,362, 6-4-85, Cl. 264-136.000.

Tassone, Joseph V.; and Candor, James T., to Dayco Corporation. Method for making a layer of reinforced polymeric material. 4,559,188, 12-17-85, Cl. 264-24.000.

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Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.

Tatani, Atsushi: *See*—

Shinoda, Naoharu; Tatani, Atsushi; Ukawa, Naohiko; and Okino, Susumu, 4,533,531, Cl. 423-242.000.

Shinoda, Naoharu; Tatani, Atsushi; Inoue, Kenji; and Okino, Susumu, 4,539,190, Cl. 423-240.000.

Tatano, Masayoshi: *See*—

Irie, Taisuke; Nakagawa, Yoshitaka; Tatano, Masayoshi; Watanabe, Koichi; and Watanabe, Eiji, 4,508,600, Cl. 204-27.000.

Tatara, Yoshikuni, to Ricoh Company, Ltd. Semiautomatic paper setting system. 4,498,795, 2-12-85, Cl. 400-637.100.

Tataria, Harshad: *See*—

Arenas, Alvaro; Box, John W.; Davis, Joseph H.; and Tataria, Harshad, 4,544,078, Cl. 220-256.000.

Tate Architectural Products, Inc.: *See*—

Gladden, Robert S., Jr.; Johnson, Richard J.; Kidd, John C.; and Younkin, Robert A., 4,561,232, Cl. 52-385.000.

Tate, Clarence R., to Thalatta, Inc. Color changeable fabric containing micromagnets adhered to a substrate. 4,528,237, 7-9-85, Cl. 428-240.000.

Tate, Harold, Jr.: *See*—

Cook, John, 4,510,358, Cl. 200-81.00R.

Cook, John; Tate, Harold, Jr.; and Graves, J. W., 4,545,343, Cl. 123-198.00B.

Tate, John L., Jr. Knotting device. 4,525,003, 6-25-85, Cl. 289-17.000.

Tate & Lyle Public Limited Company: *See*—

Beyts, Pamela K.; and Latymer, Zdenek, 4,495,170, Cl. 424-48.000.

Caus, Frans, 4,534,217, Cl. 73-178.00R.

Tate, Ralph, Jr.; and Woods, John T., to Whirlpool Corporation. Center rail assembly for refrigerator. 4,550,576, 11-5-85, Cl. 62-441.000.

Tate, Takao: *See*—

Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, 4,513,945, Cl. 251-129.000.

Tate, William G., to Arlco PTY Limited. Attachment to improve wire or other coathangers. 4,529,110, 7-16-85, Cl. 223-85.000.

Tateho Kagaku Kogyo Kabushiki Kaisha: *See*—

Tanaka, Minoru; Kawabe, Tadashi; and Kobune, Masafumi, 4,504,453, Cl. 423-345.000.

Tanaka, Minoru; and Kawabe, Tadashi, 4,525,335, Cl. 423-344.000.

Tateishi, Hiroshi: *See*—

Inomata, Koichiro; Tateishi, Hiroshi; Higashinakagawa, Emiko; and Sato, Kanemitsu, 4,504,327, Cl. 148-31.550.

Onishi, Toshitada; Tateishi, Hiroshi; Koyama, Kenichi; Saito, Shigeo; and Nagata, Masayuki, 4,506,109, Cl. 174-128.00S.

Tateishi, Kazushi: *See*—

Suda, Kenichi; Tamaki, Katsuyuki; Tateishi, Kazushi; and Abe, Kohichiroh, 4,492,994, Cl. 360-85.000.

Tateishi, Mataji; Kunimoto, Etsuo; and Takaishi, Tatsuo, to Mitsubishi Jukogyo Kabushiki Kaisha. Fuel injection device. 4,526,151, 7-2-85, Cl. 123-468.000.

Tateishi, Mitsuru: *See*—

Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,544,657, Cl. 514-253.000.

Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,559,403, Cl. 546-144.000.

Tateishi, Terutaka; and Shimizu, Kazuyuki, to Fujitsu Limited. Key storage error processing system. 4,514,847, 4-30-85, Cl. 371-51.000.

Tateishi, Terutaka: *See*—

Nishida, Hidehiko; Koshino, Minoru; Tateishi, Terutaka; and Hattori, Akira, 4,547,848, Cl. 364-200.000.

Takahashi, Masanori; and Tateishi, Terutaka, 4,507,729, Cl. 364-200.000.

Tateisi, Kazuma; and Shinohara, Yoshitsugu, to Omron Tateisi Electronics Co. Terminal device for making payments for credit transactions. 4,562,340, 12-31-85, Cl. 235-379.000.

Tateisi, Kazuma: *See*—

Ohmae, Kenichi; Tateisi, Kazuma; Shinohara, Yoshitsugu; and Ichihashi, Masazumi, 4,562,341, Cl. 235-379.000.

Tatekura, Koichi; Yamamoto, Hitoshi; Nunokawa, Makoto; and Ejiri, Yoshihiro, to Kokusai Denshin Denwa Kabushiki Kaisha. Method and apparatus for core alignment of optical fibers. 4,506,947, 3-26-85, Cl. 350-96.210.

Tatekura, Koichi: *See*—

Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, 4,505,540, Cl. 350-96.200.

Tatematsu, Hiroyuki; Kusakabe, Haruhiko; Takaki, Masamitsu; Kojima, Gendai; and Miyamoto, Sigeru, to Toray Industries, Inc. Yarn cutter for shuttleless loom. 4,531,555, 7-30-85, Cl. 139-429.000.

Tatematsu, Takashi, to Kabushiki Kaisha Ishida Koki Seisakusho. Article discharge apparatus in automatic weighing system. 4,553,617, 11-19-85, Cl. 177-25.000.

Tatematsu, Yoshiaki: *See*—

Donomoto, Tadashi; Tatematsu, Yoshiaki; and Tanaka, Atsuo, 4,530,875, Cl. 428-283.000.

Funatani, Kiyoshi; Donomoto, Tadashi; Tanaka, Atsuo; and Tatematsu, Yoshiaki, 4,548,253, Cl. 164-80.000.

Tatemichi, Takaomi: *See*—

Saito, Yasuhiro; and Tatemichi, Takaomi, 4,497,977, Cl. 178-19.000.

Tatemoto, Masayoshi; Oka, Masahiko; Kano, Hideo; Tomoda, Masayasu; and Ueta, Yutaka, to Daikin Kogyo Co., Ltd. Cross linkable fluorine-containing polymer. 4,501,869, 2-26-85, Cl. 526-249.000.

Tatemoto, Masayoshi; Furukawa, Yasuyoshi; Tomoda, Masayasu; Oka, Masahiko; and Morita, Shigeru, to Daikin Kogyo Co., Ltd. Fluoride-containing polymer and composition containing same. 4,530,972, 7-23-85, Cl. 525-276.000.

Tatemoto, Minoru: *See*—

Kumagai, Naotake; Tatemoto, Minoru; Itoh: Yoji; and Inuzuka, Tokushige, 4,516,545, Cl. 123-192.00R.

Kumagai, Naotake; Saga, Ikuo; Tatemoto, Minoru; and Tada, Tetsuya, 4,556,877, Cl. 340-713.000.

Tateno, Haruo, to Tokyo Shibaura Denki Kabushiki Kaisha. Instruction prefetch system. 4,561,052, 12-24-85, Cl. 364-200.000.

Tateno, Kenichi: *See*—

Fujii, Hiroyuki; Tateno, Kenichi; and Nishikawa, Mikio, 4,507,675, Cl. 357-70.000.

Tateno, Shinya: *See*—

Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.

Tateoka, Masamichi; and Ogata, Yukihiko, to Canon Kabushiki Kaisha. Apparatus for reading an original surface by illuminating it with a slit-like beam. 4,514,626, 4-30-85, Cl. 250-235.000.

Tateoka, Masamichi; Asano, Junichi; Kurata, Mitsuru; and Yokomizo, Yoshikazu, to Canon Kabushiki Kaisha. Original reading device. 4,543,491, 9-24-85, Cl. 250-578.000.

Tateoka, Masamichi: *See—*
Takahashi, Sadatoshi; and Tateoka, Masamichi, 4,527,858, Cl. 350-6.800.
Tateosian, Louis H.; and Wilson, W. Donald, to Dentsply Research & Development Corp. Interpenetrating polymer network compositions. 4,551,486, 11-5-85, Cl. 523-212.000.
Tateosian, Louis H.: *See—*
Dougherty, Emery W.; Heyde, John B.; Bennett, Richard J.; Smith, Roy L.; Tateosian, Louis H.; and Eden, George T., 4,514,174, Cl. 433-226.000.
Gonser, Donald I.; Eden, George T.; and Tateosian, Louis H., 4,546,261, Cl. 250-492.100.
Tatevosian, Ruben A.: *See—*
Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K. Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl 324-65.00R.
Tatham, Edward J.; Kravits, Richard; Clymer, John C.; and Hoffman, Carvel D., to Bethlehem Steel Corporation. Radiation scanning and measuring device. 4,511,801, 4-16-85, Cl. 250-394.000.
Tatin, Gerard, to Atochem. Bath and method for the simultaneous desizing and bleaching of fabrics. 4,536,182, 8-20-85, Cl. 8-107.000.
Tatin, Gerard: *See—*
Dubreux, Bernard; Emeraud, Jackie; Tatin, Gerard; and Schirmann, Jean-Pierre, 4,552,563, Cl. 8-107.000.
Tatlow, John C.; Plevey, Raymond G.; Wotton, David E. M.; and Sargent, Colin R., to I.S.C. Chemicals Limited. Perfluoro-1-azabicyclo(5,3,0)decane compounds useful as blood substitutes. 4,562,183, 12-31-85, Cl. 514-214.000.
Tatonetti, Mario B.: *See—*
Stratton, Leo M.; Sipple, Kenneth J.; and Tatonetti, Mario B., 4,495,815, Cl. 73-517.00B.
Stratton, Leo M.; Sipple, Kenneth J.; and Tatonetti, Mario B., 4,507,965, Cl. 73-517.00B.
Tatsuguchi, Mikio: *See—*
Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.
Tatsukawa, Sachiko: *See—*
Izawa, Masao; and Tatsukawa, Sachiko, 4,556,639, Cl. 435-284.000.
Tatsuki, Tokuji, to Kabushiki Kaisha Dunlop Home Products. Head cooling implement. 4,552,149, 11-12-85, Cl. 128-402.000.
Tatsumi, Hisao; and Kawano, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Vacuum insulated heat pot with removable electrically heated reservoir tank. 4,517,445, 5-14-85, Cl. 219-297.000.
Tatsumi, Iazuaki: *See—*
Kada, Hironosuke; Sekino, Teruyoshi; Murayama, Hirogazu; Tatsumi, Iazuaki; and Murakami, Tsudoi, 4,541,062, Cl. 364-513.000.
Tatsumi, Kazuaki: *See—*
Murakami, Tsudoi; Nasu, Shoji; Tatsumi, Kazuaki; and Nagahama, Yasuhide, 4,508,953, Cl. 219-125.100.
Tatsumi, Masami: *See—*
Mitsui, Tsutomu; Tada, Konji; Kuhara, Yoshiki; and Tatsumi, Masami, 4,560,932, Cl. 324-244.000.
Tatsumi, Shuhei: *See—*
Nakaoji, Kazuhiko; Kamao, Mitsugu; Itoh, Hayami; Tatsumi, Shuhei; and Takao, Shoichi, 4,500,041, Cl. 241-16.000.
Tatsumi, Takumi, to Mitsubishi Denki Kabushiki Kaisha. Speed change control unit of automatic transmission for automobiles. 4,501,175, 2-26-85, Cl. 74-869.000.
Tatsumi, Takumi, to Mitsubishi Denki Kabushiki Kaisha. Torque measuring apparatus. 4,520,680, 6-4-85, Cl. 73-862.190.
Tatsumi, Takumi, to Mitsubishi Denki Kabushiki Kaisha. Speed change control unit of automatic transmission for automobiles utilizing fluid flow rate. 4,524,645, 6-25-85, Cl. 74-866.000.
Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, to Hitachi, Ltd.; and Hitachi Koki Co., Ltd. Apparatus for driving a semiconductor laser for use in a laser-beam printer. 4,513,300, 4-23-85, Cl. 346-160.000.
Tatsuno, Kimio; and Saito, Susumu, to Hitachi, Ltd.; and Hitachi Koki Co., Ltd. Two-beam scanning optical system. 4,525,024, 6-25-85, Cl. 350-6.500.
Tatsuno, Kimio: *See—*
Kataoka, Keiji; Saito, Susumu; Arimoto, Akira; Hashimoto, Akira; and Tatsuno, Kimio, 4,561,717, Cl. 350-6.800.
Tatsuno, Koji, to Uryu Seisaku, Ltd. Oil pressure type pneumatic torque wrench. 4,553,948, 11-19-85, Cl. 464-25.000.
Tatsuno, Tsuneo: *See—*
Honma, Katsuhiko; Tatsuno, Tsuneo; and Okada, Hiroshi, 4,541,975, Cl. 264-62.000.
Tatsuo, Inada: *See—*
Noboru, Nasu; and Tatsuo, Inada, 4,494,740, Cl. 270-31.000
Tatsushi, Asakawa; and Shinji, Morozumi, to Kabushiki Kaisha Suwa Seikosha. Reference voltage circuit. 4,498,040, 2-5-85, Cl. 323-299.000.
Tatsuta, Sumitaka: *See—*
Suzuki, Tamotsu; Nishikawa, Sumio; and Tatsuta, Sumitaka, 4,542,093, Cl. 430-523.000.
Tattersall, Edward G., to Vosper Hovermarine Limited. Fluid flow control systems. 4,529,054, 7-16-85, Cl. 180-118.000.
Tatterson, David F.; O'Grady, Thomas M.; and Coates, Ronald, to Standard Oil Company (Indiana). Shale oil stabilization with a hydrogen donor quench. 4,536,278, 8-20-85, Cl. 208-11.00R.
Tatterson, David F.: *See—*
O'Grady, Thomas M.; Tatterson, David F.; and Coates, Ronald, 4,536,277, Cl. 208-11.00R.
Tatton, James P.; and Brownlie, James, to Anderson Strathclyde PLC. Haulage drive. 4,501,447, 2-26-85, Cl. 299-43.000.
Tatum, Edward F.: *See—*
Shin, Kju Hi; and Tatum, Edward F., 4,554,389, Cl. 568-722.000.
Tatum, O. Hilt, Jr. Dental implant. 4,511,335, 4-16-85, Cl. 433-173.000.
Tatum, O. Hilt, Jr. Dental implant. 4,531,915, 7-30-85, Cl. 433-173.000.
Tau, Ralph. Two-way level. 4,531,301. 7-30-85, Cl. 33-382.000.
Tau-Tron, Inc.: *See—*
Richards, Edward W.; and Chang, Paul T., 4,495,468, Cl. 328-155.000.
Taub, Alan I., to General Electric Company. Dynamic annealing method for optimizing the magnetic properties of amorphous metals. 4,512,824, 4-23-85, Cl. 148-121.000.
Taub, Alan I.; Frischmann, Peter G.; and Cline, Harvey E., to General Electric Company. Stress assisted cutting of high temperature embrittled materials. 4 562,333, 12-31-85, Cl. 219-121.0LJ.
Taub, Ronald H. Display hanger. 4,520,978, 6-4-85, Cl. 248-220.400.
Taub, Stanley. Method and apparatus for cleaning disks containing encoded information. 4,490,870, 1-1-85, Cl. 15-1.50A.
Taube, Thomas; and Lauterbach-Dammler, Inge, to Arc Technologies Systems Ltd. Electrode for electric arc furnaces. 4,532,634, 7-30-85, Cl. 373-93.000.
Taube, Thomas: *See—*
Lades, Hans; Fink, Friedrich; Liebel, Siegfried; Lauterbach, Inge; Taube, Thomas; and Zollner, Dieter, 4,509,178, Cl. 373-93.000.
Zollner, Dieter; Lauterbach-Dammler, Inge; Taube, Thomas; Lades, Hans; Liebel, Siegfried; and Bauer, Hanns-Georg, 4,531,219, Cl. 373-101.000.
Taubenmann, Peter: *See—*
Ihbe, Jorg; Taubenmann, Peter; Thiele, Heino; and Zettler, Hans-Dieter, 4,505,592, Cl. 366-134.000.
Thiele, Heino; Weber, Werner; and Taubenmann, Peter, 4,526,907, Cl. 521-133.000.
Tauber, Norbert: *See—*
Guse, Rolf; and Tauber, Norbert, 4,497,086, Cl. 19-105.000.
Tauber, Richard J.; and Rosborg, Daniel J., to Cooper Industries, Inc. Airport runway/taxiway edge light fixture. 4,499,527, 2-12-85, Cl. 362-267.000.
Taubert, Hubert; and Webendoerfer, Rudolf, to Conti Fasteners AG. Method of making screws and dies therefor. 4,561,277, 12-31-85, Cl. 72-88.000.
Taubitz, Christof: *See—*
Vyvial, Rudolf; Taubitz, Christof; Schlemmer, Lothar; Bleckmann, Gerhard; Zuerger, Manfred; Krieger, Heinrich; and Thiele, Heino, 4,493,807, Cl. 264-101.000.
Taur, Yuan, to International Business Machines Corporation. Single mask process for fabricating CMOS structure. 4,509,991, 4-9-85, Cl. 148-1.500.
Taura, Mitsuharu; and Mizuno, Toshiaki, to Toyota Jidosha Kabushiki Kaisha. Method and apparatus for controlling air-fuel ratio in internal combustion engine. 4,535,736, 8-20-85, Cl. 123-344.000.
Taura, Mitsuharu: *See—*
Abe, Shinichi; Taura, Mitsuharu; Amano, Hidetoshi; and Mizuno, Toshiaki, 4,512,320, Cl. 123-492.000.
Amano, Hidetoshi; Abe, Shinichi; Taura, Mitsuharu; and Mizuno, Toshiaki, 4,543,937, Cl. 123-491.000.
Taureg, Herbert: *See—*
Petrzelka, Miloslav; and Taureg, Herbert, 4,512,679, Cl. 403-57.000.
Taus, Christian: *See—*
Rau, Willy; and Taus, Christian, 4,509,438, Cl. 111-13.000.
Tauschel, Horst-Dietmar: *See—*
Barth, Hubert; Hartenstein, Johannes; Satzinger, Gerhard; Fritschi, Edgar; Ganser, Volker; Tauschel, Horst-Dietmar; and Wolf, Gunter, 4,499,089, Cl. 514-222.000.
Tausheck, Russell. Apparatus for cutting laminated glass. 4,558,622, 12-17-85, Cl. 83-885.000.
Tauster, Samuel J.; Vaughan, David E. W.; and Steger, John J., to Exxon Research & Engineering Co. Zeolite catalyst and preparation thereof. 4,552,856, 11-12-85, Cl. 502-74.000.
Tautfest, Rexford L. Grain drill with sealed bin air-powered distribution. 4,503,786, 3-12-85, Cl. 111-86.000.
Tautliner Inc.: *See—*
Broadbent, Edward G., 4,545,611, Cl. 296-181.000.
Tautzenberger, Peter; Schneider, Friedrich; and Stoeckel, Dieter, to G. Rau GmbH & Co. Shaped part made of a composite material and a process for its production. 4,554,027, 11-19-85, Cl. 148-11.50R.
Tauzia, Jean-Michel: *See—*
Lelu, Andre; Gonthier, Bruno; Grignon, Jean; and Tauzia, Jean-Michel, 4,536,235, Cl. 149-19.400.
Tavares, Antonio: *See—*
Hug, Paul; and Tavares, Antonio, 4,526,313, Cl. 228-180.100.
Tavares, Luiz M. C. Magnetic seal system for belt conveyor rollers. 4,557,490, 12-10-85, Cl. 277-80.000.
Tavazza, Giuseppe; and Boiocchi, Maurizio, to Societa Pneumatici Pirelli S.p.A. Mounting-rim for tires and its assembly with corresponding tire. 4,502,521, 3-5-85, Cl. 152-381.400.
Tavazza, Giuseppe; and Bottasso, Franco, to Societa Pneumatici Pirelli S.p.A. Anti-bead unseating mounting-rim for vehicle tires. 4,561,482, 12-31-85, Cl. 152-381.400.
Taverna, Arthur R.; and Thompson, Warren S., to United States of America. Air Force. Erosion-resistant nosetip construction. 4,515,847, 5-7-85, Cl. 428-107.000.

Tavernier, Marc: *See—*
- Cans, Yves; Gonda, Richard; and Tavernier, Marc, 4,523,627, Cl. 164-467.000.

Tavernier, Serge M.: *See—*
- De Roo, Pierre R.; and Tavernier, Serge M., 4,525,445, Cl. 430-109.000.

Tavin, Gerard, to Hutchinson. Devices for manufacturing annular frames for seals and to the corresponding frames and seals. 4,516,421, 5-14-85, Cl. 72-354.000.

Tavs, Peter: *See—*
- Goetz, Norbert; Laas, Harald; Tavs, Peter; Hupfer, Leopold; and Baer, Karl, 4,538,009, Cl. 568-799.000.
- Laas, Harald; Tavs, Peter; Hannebaum, Heinz; and Stroezel, Manfred, 4,562,277, Cl. 556-34.000.

Tawada, Yoshihisa: *See—*
- Hamakawa, Yoshihiro; and Tawada, Yoshihisa, 4,491,682, Cl. 136-256.000.
- Hamakawa, Yoshihiro; and Tawada, Yoshihisa, 4,499,331, Cl. 136-258.000.
- Tsuge, Kazunori; Tawada, Yoshihisa; and Hamakawa, Yoshihiro, 4,544,423, Cl. 148-174.000.

Tawara, Katsuya: *See—*
- Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; and Takahashi, Toshio, 4,535,088, Cl. 514-370.000.

Tawara, Yoshio; and Ohashi, Ken, to Shin-Etsu Chemical Co., Ltd. Method for the preparation of a rare earth-cobalt based permanent magnet. 4,497,672, 2-5-85, Cl. 148-102.000.

Tay, Ching-Hua; and Fairchild, Raymond S., to Abitibi-Price Inc. Tin compounds for brightness improvement of jack pine ultra high yield pulp. 4,549,929, 10-29-85, Cl. 162-78.000.

Taya, Akira; Narita, Kazuo; Asada, Masao; and Kimura, Yoshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Blue-green emitting halophosphate phosphor. 4,500,443, 2-19-85, Cl. 252-301.40P.

Taya, Akira; Narita, Kazuo; Akiyama, Jun-etsu; Asada, Masao; and Nira, Hisami, to Tokyo Shibaura Denki Kabushiki Kaisha. Fluorescent lamp. 4,527,087, 7-2-85, Cl. 313-487.000.

Taya, Akira: *See—*
- Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, 4,534,622, Cl. 350-334.000.

Taya, Tosiki: *See—*
- Kondo, Makoto; Nagasaku, Eiichi; Yamamoto, Yuuji; and Taya, Tosiki, 4,526,524, Cl. 418-255.000.
- Yokoyama, Masato; Nagasaku, Eiichi; Taya, Tosiki; and Kato, Toshiyuki, 4,560,332, Cl. 418-83.000.

Tayama, Suehiro; and Kusakawa, Norihisa, to Mitsubishi Rayon Co., Ltd. Flame resistant acrylic resin composition and process for its production. 4,533,689, 8-6-85, Cl. 524-130.000.

Tayama, Toshiyuki; and Tanaka, Ryohei, to Mitsubishi Petrochemical Co., Ltd. Polyphenylene ether composition improved in processability. 4,530,952, 7-23-85, Cl. 524-159.000.

Tayco Developments, Inc.: *See—*
- Ebert, Edward A., 4,535,764, Cl. 128-92.00B.
- Taylor, Douglas P., 4,532,856, Cl. 92-168.000.
- Taylor, Douglas P., 4,558,767, Cl. 188-282.000.
- Taylor, Paul H., 4,535,876, Cl. 188-311.000.
- Taylor, Paul H., 4,548,041, Cl. 60-632.000.

Taylor, Allan H.: *See—*
- Jackson, L. Robert; Davis, Randall C.; and Taylor, Allan H., 4,512,699, Cl. 411-368.000.
- Jackson, L. Robert; and Taylor, Allan H., 4,557,444, Cl. 244-172.000.

Taylor, Alwyn H.; Lees, Wayne L.; and Cook, Michael L., to Duracell Inc. Resistant glass in glass-metal seal and cell terminal structure for lithium electrochemical cells. 4,556,613, 12-3-85, Cl. 429-101.000.

Taylor, Andrew J.; and McGillvray, Philip J., to Electronic Designs (I.W.) Limited. Battery charging. 4,549,127, 10-22-85, Cl. 320-21.000.

Taylor, Andrew W.; and Cook, Richard T., to Beecham Group p.l.c. β-Lactam antibacterial agents and compositions containing them. 4,537,886, 8-27-85, Cl. 514-193.000.

Taylor, Arthur F. D. S., to Flexible Laser Systems Limited. Laser material processor. 4,542,278, 9-17-85, Cl. 219-121.0LV.

Taylor, Barry E., to Du Pont de Nemours, E. I., and Company. Thick film conductor composition. 4,532,075, 7-30-85, Cl. 252-514.000.

Taylor, Benson T., Jr.; and Hawkins, Ralph G., to General Electric Company. Door latch and method of assembly. 4,504,719, 3-12-85, Cl. 219-10.55C.

Taylor, Brian E.: *See—*
- Lindstrom, Gerald D.; Eckhart, Clifford F.; Farthing, George A., Jr.; Muckley, James J.; and Taylor, Brian E., 4,519,322, Cl. 110-264.000.

Taylor, Calvin G.: *See—*
- Stump, Paul O.; and Taylor, Calvin G., 4,534,695, Cl. 414-749.000.

Taylor, Carol O., Sr., to Texas Instruments Incorporated. Pneumatically controlled split cycle cooler. 4,526,008, 7-2-85, Cl. 62-6.000.

Taylor, Chandler R., Jr., to A. H. Robins Company, Incorporated. Aryl substituted pyrido[1,4]benzodiazepines for treatment of depression. 4,495,183, 1-22-85, Cl. 514-220.000.

Taylor, Chandler R., Jr.; and Stauffer, Harold F., Jr., to A. H. Robins Company, Incorporated. Aryloxymethylpyrrolidinols and piperidinols having antidepressant, antiarrhythmic or hypotensive activity. 4,508,724, 4-2-85, Cl. 514-317.000.

Taylor, Chandler R., Jr., to A. H. Robins Company, Incorporated. Aryl substituted pyrido[1,4]benzodiazepines and their use as antidepressives. 4,556,667, 12-3-85, Cl. 514-352.000.

Taylor, Chandler R., Jr.; and Lo, Young S., to A. H. Robins Company, Incorporated. Nitro, amino and aroylamino-N-phenylpyridinamines in a process for preparing pyrido[1,4]benzodiazepines. 4,558,132, 12-10-85, Cl. 546-262.000.

Taylor, Chandler R., Jr.: *See—*
- Lo, Young S.; and Taylor, Chandler R., Jr., 4,518,603, Cl. 514-352.000.

Taylor, Charles E.; Gattiker, Anton; and Krantz, Gary B., to Phase One Products Corporation. Combined photographic enlarger and print developing tray. 4,515,468, 5-7-85, Cl. 355-27.000.

Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; and Gattiker, Anton, to Phase One Products Corporation. Photographic print making and developing tray assembly. 4,518,240, 5-21-85, Cl. 354-312.000.

Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; Krantz, Gary B.; and Malinowski, Dean S., to Phase One Products Corporation. Combination shipping carton and light-tight photographic film loading station. 4,529,296, 7-16-85, Cl. 355-21.000.

Taylor, Charles H.: *See—*
- Merritt, Francis L.; and Taylor, Charles H., 4,510,377, Cl. 219-550.000.

Taylor, Christopher J.: *See—*
- Wiggs, Christopher C.; and Taylor, Christopher J., 4,553,754, Cl. 273-153.00S.

Taylor, Christopher J. C.: *See—*
- Wiggs, Christopher C.; and Taylor, Christopher J. C., 4,521,204, Cl. 446-198.000.

Taylor, Colin: *See—*
- Harris, David L.; and Taylor, Colin, 4,560,281, Cl. 366-15.000.

Taylor, Dale F.; and Sammler, Louis S., to General Electric Company. Sintered ceramic article with porous region. 4,500,413, 2-19-85, Cl. 204-435.000.

Taylor, David H., to Thermo King Corporation. Transport refrigeration air system. 4,553,403, 11-19-85, Cl. 62-239.000.

Taylor, Derek; Howlett, Stephen P.; Farr, Howard J.; and Tickle, Barbara L., to Doulton Industrial Products Limited. Ceramics compact. 4,495,302, 1-22-85, Cl. 501-125.000.

Taylor, Derek A. Vertical axis wind turbines. 4,561,826, 12-31-85, Cl. 416-19.000.

Taylor, Donald K.; Rogers, William; McGary, Vernon; and Lenart, Peter, to C.S.E. Automation Engineering Services, Inc. Pilot control relay valve apparatus. 4,559,970, 12-24-85, Cl. 137-557.000.

Taylor, Douglas P., to Tayco Developments, Inc. End cap for fluid cylinder. 4,532,856, 8-6-85, Cl. 92-168.000.

Taylor, Douglas P., to Tayco Developments, Inc. Fluid amplified shock absorber with rebound stiffening construction. 4,558,767, 12-17-85, Cl. 188-282.000.

Taylor, Douglas R.; and Pearce, David W., to Marconi Avionics Limited. Inductive coupler systems. 4,543,556, 9-24-85, Cl. 336-210.000.

Taylor, Edward C.: *See—*
- Greene, James M.; Lavagnino, Edward R.; Pike, Andrew J.; and Taylor, Edward C., 4,552,967, Cl. 546-307.000.

Taylor, Edward F., to General Motors Corporation. Aerodynamic rear view mirror. 4,538,851, 9-3-85, Cl. 296-1.00S.

Taylor, Edward S.; and Bengtsson, Leif W., to Pyropower Corporation. Fluidized bed combustion boiler. 4,522,154, 6-11-85, Cl. 122-4.00D.

Taylor, Eric, to Paterson Product Ltd. Apparatus for developing photographic material. 4,492,447, 1-8-85, Cl. 354-312.000.

Taylor, Frances H. Disposable relief container. 4,553,969, 11-19-85, Cl. 604-355.000.

Taylor, Francis M. Method and apparatus for optically measuring the distance to a workpiece. 4,527,893, 7-9-85, Cl. 356-4.000.

Taylor, Frank; and Maurer, Klemens, to Monitronik Ltee. Self-supporting element for mosaic display panel. 4,514,104, 4-30-85, Cl. 403-14.000.

Taylor, Frank J. P. Non-electric portable dishwasher. 4,535,795, 8-20-85, Cl. 134-93.000.

Taylor Freezer Company: *See—*
- Frazer, John M., 4,544,085, Cl. 222-146.400.

Taylor, Gary N., to AT&T Bell Laboratories. Process of making solid state devices using silicon containing organometallic plasma developed resists. 4,500,628, 2-19-85, Cl. 430-311.000.

Taylor, Gene W.; and Roybal, Herman E., to United States of America, Energy. Fluorinated diamond particles bonded in a filled fluorocarbon resin matrix. 4,511,373, 4-16-85, Cl. 51-298.000.

Taylor, Glenn A.; and Wolf, Philip F., to Union Carbide Corporation. Hydrolysis of alkylene carbonates to alkylene glycols. 4,524,224, 6-18-85, Cl. 568-858.000.

Taylor, Glenn N., to Neomed Inc. Hand-controllable switching device for electrosurgical instruments. 4,492,832, 1-8-85, Cl. 200-52.00R.

Taylor, Graham: *See—*
- Jones, Robert A.; Jones, Frank; and Taylor, Graham, 4,554,091, Cl. 252-187.250.

Taylor, Harold M.: *See—*
- Hirsch, Kenneth S.; Jones, Charles D.; Taylor, Harold M.; and Winter, Mark A., 4,560,695, Cl. 514-372.000.

Taylor, Henry B., III: *See—*
- Christen, Jimmie D.; and Taylor, Henry B., III, 4,521,548, Cl. 521-167.000.

Taylor, Henry D.: *See—*
- Breeden, Robert H.; and Taylor, Henry D., 4,498,370, Cl. 91-171.000.

Taylor, Henry F.; Goldberg, Lew; Rauscher, Christen; and Weller, Joseph F., to United States of America, Navy. Optical injection locking of solid-state oscillators by frequency-multiplexed injection-locked, laser diodes. 4,503,403, 3-5-85, Cl. 331-37.000.

Taylor, Henry F. Fiber optic magnetic field sensor. 4,516,021, 5-7-85, Cl. 250-227.000.

Taylor, Henry F.: *See—*

Giallorenzi, Thomas G.; Sheem, Sang K.; and Taylor, Henry F., 4,552,457, Cl. 356-345.000.

Taylor, Jack R.: *See—*

Kelm, James S.; Vickers, Edward C.; Williams, Jesse J.; and Taylor, Jack R., 4,534,166, Cl. 60-39.230.

Taylor, Jake E. Universal trailer hitch. 4,546,994, 10-15-85, Cl. 280-423.00R.

Taylor, James A., Jr.: *See—*

Eckelt, Peter; and Taylor, James A., Jr., 4,513,647, Cl. 83-203.000.

Taylor, James C.: *See—*

Hamlin, Humphrey A. S.; and Taylor, James C., 4,543,109, Cl. 55-25.000.

Taylor, James E.: *See—*

Dahlgren, Harold P.; Taylor, James E.; and Peters, Dwight W., 4,527,471, Cl. 101-148.000.

Dahlgren, Harold P.; Taylor, James E.; and Peters, Dwight W., 4,527,479, Cl. 101-450.100.

Dahlgren, Harold P.; Taylor, James E.; Peters, Dwight W.; and Selby, Donald R., 4,532,735, Cl. 51-56.00R.

Dahlgren, Harold P.; Gardiner, John W.; and Taylor, James E., 4,533,563, Cl. 427-387.000.

Taylor, James H. Ski rope handle assembly. 4,540,371, 9-10-85, Cl. 441-69.000.

Taylor, James L., to Standard Oil Company, The; and Gulf Oil Corporation. Polar solvent extraction and dedusting process. 4,544,477, 10-1-85, Cl. 208-11.00R.

Taylor, James M.: *See—*

Tomlinson, Andrew; and Taylor, James M., 4,562,313, Cl. 179-175.000.

Taylor, Jay E.: *See—*

Sequeira, Hermann B.; and Taylor, Jay E., 4,538,276, Cl. 372-26.000.

Taylor, Jeffrey L., to Standard Textile Co., Inc. Launderable cloth-like product for surgical use and method of making the same. 4,561,434, 12-31-85, Cl. 128-132.00D.

Taylor, John A.; and Fridhandler, Robert M., to St. Regis Paper Company. Apparatus for and a method of metering of coating on a moving web. 4,532,158, 7-30-85, Cl. 427-355.000.

Taylor, John H., to McGard, Inc. Locking valve construction. 4,495,910, 1-29-85, Cl. 123-198.00B.

Taylor, John H., to McGard, Inc. Venting fuel valve for diesel engine fuel supply system. 4,522,569, 6-11-85, Cl. 417-434.000.

Taylor, John H., to McGard, Inc. Locking valve construction. 4,549,569, 10-29-85, Cl. 137-382.500.

Taylor, John L. Rotary internal combustion engine. 4,515,123, 5-7-85, Cl. 123-222.000.

Taylor, Julian D.: *See—*

Puresevic, Peter J.; and Taylor, Julian D., 4,523,688, Cl. 215-220.000.

Taylor, Julian S. Engine oil sampling device. 4,524,811, 6-25-85, Cl. 141-325.000.

Taylor, Julius E., Jr. Apparatus for aligning abutting pipes. 4,496,093, 1-29-85, Cl. 228-49.00B.

Taylor, Junius E.: *See—*

Acker, Loren C.; Taylor, Junius E.; and Minney, Stephen C., 4,496,819, Cl. 219-10.810.

Taylor, Kennard W., to Cameron Iron Works, Inc. Choke valve. 4,503,878, 3-12-85, Cl. 137-315.000.

Taylor, Kenneth E.: *See—*

Reiner, Martin J.; and Taylor, Kenneth E., 4,548,255, Cl. 164-361.000.

Taylor, Kevin D.; and Nichols, Galen N., to TNF Enterprises. Face and nose wiper holding device for skiers. 4,536,889, 8-27-85, Cl. 2-160.000.

Taylor, Leonard S., to Research Corporation. Microwave coagulating scalpel. 4,534,347, 8-13-85, Cl. 128-303.100.

Taylor, Lloyd D., to Polaroid Corporation. Polymerization of monomeric hydrogen-blocked oxime derivatives. 4,510,294, 4-9-85, Cl. 525-369.000.

Taylor, Lloyd D., to Polaroid Corporation. β-Eliminating polymers for diffusion control in photographic products. 4,522,996, 6-11-85, Cl. 526-256.000.

Taylor, Lloyd D., to Polaroid Corporation. Temporary polymeric mordants containing acetoxybenzyl substituted quaternary ammonium groups. 4,539,383, 9-3-85, Cl. 526-304.000.

Taylor, Lloyd D., to Polaroid Corporation. Eliminating polymers useful in diffusion control layers. 4,546,159, 10-8-85, Cl. 526-286.000.

Taylor, Lloyd D.: *See—*

Jaane, Stanley J.; Schwarzel, William C.; Sullivan, Charles I.; and Taylor, Lloyd D., 4,547,451, Cl. 430-215.000.

Kolesinski, Henry S.; and Taylor, Lloyd D., 4,548,981, Cl. 524-555.000.

Mehta, Avinash C.; and Taylor, Lloyd D., 4,543,317, Cl. 430-219.000.

Taylor, Lyle H.; and Kasner, William H., to Westinghouse Electric Corp. Operation of a two-photon three level laser. 4,510,604, 4-9-85, Cl. 372-4.000.

Taylor Machine Works, Inc.: *See—*

Walker, Evo M., 4,493,604, Cl. 414-622.000.

Taylor, Mark L.: *See—*

Sells, Richard L.; and Taylor, Mark L., 4,548,285, Cl. 177-1.000.

Taylor, Mark P., to Corning Glass Works. Fiber-reinforced composites. 4,511,663, 4-16-85, Cl. 501-4.000.

Taylor, Mark P.: *See—*

Beall, George H.; MacDowell, John F.; and Taylor, Mark P., 4,519,828, Cl. 65-33.000.

Chyung, Kenneth; Schultz, Peter C.; and Taylor, Mark P., 4,554,197, Cl. 428-113.000.

Taylor, Mary J.: *See—*

Childs, Jerry D.; Sabins, Fred; and Taylor, Mary J., 4,515,216, Cl. 166-293.000.

Taylor, Maurice. Wheel having adjustment for axial position of rim relative to disc. 4,515,411, 5-7-85, Cl. 301-9.0TV.

Taylor, Michael A., to Polysar Limited. Chemical/steam stripping. 4,529,753, 7-16-85, Cl. 523-328.000.

Taylor, Michael N.; and Reid, Timothy H., to Weyerhaeuser Company. Pressing process for composite wood panels. 4,517,147, 5-14-85, Cl. 264-83.000.

Taylor, Monroe F., to W. R. Grace & Co., Cryovac Div. Product indexing device. 4,532,752, 8-6-85, Cl. 53-451.000.

Taylor, Noel R.; and Taylor, Paul A., to Taylor, Noel R.; and Taylor, Paul A. Automatic load seeking control for a pumpjack motor. 4,508,487, 4-2-85, Cl. 417-12.000.

Taylor, Norman G.: *See—*

Spurling, Robert A.; Davis, Burton I.; and Taylor, Norman G., 4,513,537, Cl. 51-71.000.

Taylor, Norman J., to Varian Associates, Inc. Multi-gap magnetic imaging lens for charged particle beams. 4,544,847, 10-1-85, Cl. 250-396.0ML.

Taylor, Paul: *See—*

Gulla, Michael; Taylor, Paul; and Oddi, Michael J., 4,551,409, Cl. 430-192.000.

Taylor, Paul A.: *See—*

Taylor, Noel R.; and Taylor, Paul A., 4,508,487, Cl. 417-12.000.

Taylor, Paul D.; and Mocella, Michael T., to Atlantic Richfield Company. Oxidation of hydrocarbons. 4,508,923, 4-2-85, Cl. 568-311.000.

Taylor, Paul D.; and Mocella, Michael T., to Atlantic Richfield Company. Decomposition of hydroperoxides in the presence of homogeneous binary catalysts. 4,551,553, 11-5-85, Cl. 568-311.000.

Taylor, Paul H., to Tayco Developments, Inc. Shock absorber construction. 4,535,876, 8-20-85, Cl. 188-311.000.

Taylor, Paul H., to Tayco Developments, Inc. Electrically operated valve, piston and cylinder assembly incorporating said valve, and self-contained system including pressurized fluid and hydraulic actuator. 4,548,041, 10-22-85, Cl. 60-632.000.

Taylor, Peter; and Levy, Alan A., to Richardson-Vicks Ltd. Pharmaceutical preparation for the topical treatment of acne. 4,505,924, 3-19-85, Cl. 514-399.000.

Taylor, Peter J.: *See—*

Smith, Alan M.; and Taylor, Peter J., 4,530,566, Cl. 350-96.200.

Taylor, Philip A.: *See—*

Johnson, Neil A.; and Taylor, Philip A., 4,533,423, Cl. 156-359.000.

Taylor, R. Dirk: *See—*

Shimrock, Thomas; Taylor, R. Dirk; and Collins, John M., Jr., 4,550,034, Cl. 427-243.000.

Taylor, Reginald M.; and Brock, Alan J. Pharmaceutical compound zinc glycerolate complex prepared by reacting zinc oxide and glycerol. 4,544,761, 10-1-85, Cl. 556-130.000.

Taylor, Richard J., to EMI Limited. Proximity responsive apparatus. 4,497,252, 2-5-85, Cl. 102-214.000.

Taylor, Richard J.; Kellar, Paul R. N.; and Greenhalgh, Stephen P., to Quantel Limited. Video processors. 4,543,607, 9-24-85, Cl. 358-140.000.

Taylor, Robert F. Orthodontic appliance. 4,547,153, 10-15-85, Cl. 433-11.000.

Taylor, Robert L.: *See—*

Wadso, Ingemar; Suurkuusk, Jaak; and Taylor, Robert L., 4,492,480, Cl. 374-33.000.

Taylor, Robert R. Valved access fitting. 4,546,789, 10-15-85, Cl. 137-245.500.

Taylor, Robert R.; Bowen, Billy C.; and Emery, John H., to Bell Helicopter Textron Inc. IR light for use with night vision goggles. 4,547,701, 10-15-85, Cl. 313-500.000.

Taylor, Roderick: *See—*

Gulley, Brian W.; Williamson, Gilbert J.; Carmichael, Richard Q.; Cooke, David F.; and Taylor, Roderick, 4,561,860, Cl. 44-10.00R.

Taylor, Ronald P.; Cekoric, Mark E.; Dewhurst, John E.; and Abouzahr, Saad M., to Mobay Chemical Corporation. Internal mold release agent for use in reaction injection molding. 4,519,965, 5-28-85, Cl. 264-51.000.

Taylor, Ronald T., to Mostek Corporation. MOS output driver circuit avoiding hot-electron effects. 4,521,698, 6-4-85, Cl. 307-450.000.

Taylor, Russell H.: *See—*

Hendriks, Ferdinand; and Taylor, Russell H., 4,544,889, Cl. 324-158.00P.

Taylor, Scott L.: *See—*

Bennett, John A.; and Taylor, Scott L., 4,542,550, Cl. 15-3.000.

Taylor, Sharon E. Bottle cover. 4,526,280, 7-2-85, Cl. 215-100.500.

Taylor, Stephen A., to United Kingdom Atomic Energy Authority. Fluidic devices. 4,549,574, 10-29-85, Cl. 137-565.000.

Taylor, Stephen C., to Imperial Chemical Industries PLC. Biochemical process. 4,508,822, 4-2-85, Cl. 435-155.000.

Taylor, Thomas E. Fireplace heat transfer apparatus. 4,519,377, 5-28-85, Cl. 126-121.000.

Taylor, Thomas F.: *See—*

Cuscino, Richard T.; Lee, Lester H.; Prohl, Melvin A.; Skinner, David R.; and Taylor, Thomas F., 4,552,292, Cl. 228-183.000.

- Taylor, Thomas H.: *See—*
  - Hartman, William L.; O'Brien, David A.; and Taylor, Thomas H., 4,552,680, Cl. 252-102.000.
- Taylor, Thomas M.: *See—*
  - Giacopelli, James N.; McElroy, James D.; and Taylor, Thomas M., 4,539,437, Cl. 179-18.0ES.
- Taylor, Thomas N.; Ellis, John R.; and Hubler, Lawrence C., to Xerox Corporation. Compatible copying of computer form documents. 4,526,309, 7-2-85, Cl. 226-33.000.
- Taylor, Thomas V.; and Neilson, James M., to University of Edinburgh, The University Court of the. Therapeutic device and method of inducing thrombosis in a blood vessel. 4,522,205, 6-11-85, Cl. 128-303.170.
- Taylor, Tillman F., Jr.: *See—*
  - Schoonover, David J.; and Taylor, Tillman F., Jr., 4,557,899, Cl. 422-55.000.
- Taylor, Walt S.: *See—*
  - Rennecker, David B.; and Taylor, Walt S., 4,554,698, Cl. 15-339.000.
- Taylor, Wilhelm, to Xanar, Inc. Beam directing micromanipulator for laser device. 4,526,447, 7-2-85, Cl. 350-636.000.
- Taylor, William, Jr.: *See—*
  - Golant, Victor; Hsia, David; and Taylor, William, Jr., 4,532,155, Cl. 427-213.000.
- Taylor, William E.: *See—*
  - Levie, Stephen A.; and Taylor, William E., 4,504,767, Cl. 315-101.000.
- Taylor, William H., to Kollmorgen Technologies Corporation. Optical scanner. 4,538,181, 8-27-85, Cl. 358-208.000.
- Taylor, William L., to Knickerbocker Company, The. Load rotating attachment for lift trucks. 4,540,330, 9-10-85, Cl. 414-641.000.
- Taylor, William M.; and Williams, Bolie C., III, to Cameron Iron Works, Inc. Ram-type blowout preventer. 4,508,312, 4-2-85, Cl. 251-1.00A.
- Taylor, William R., to Hal Johnston Pty. Limited. Decontamination apparatus. 4,552,728, 11-12-85, Cl. 422-300.000.
- Taylor-Winfield Corporation, The: *See—*
  - Challenger, Richard; and Mullane, William E., 4,528,057, Cl. 156-273.700.
- Tayot, Jean L.; and Veron, Jean L. B., to Institut Merieux. Process for preparing globin from haemoglobin and globin obtained by this process. 4,543,209, 9-24-85, Cl. 260-112.00B.
- Tazaki, Kenshi: *See—*
  - Takeyama, Akira; Tazaki, Kenshi; Nojima, Satoshi; Aritaka, Norihiro; and Mita, Teruyoshi, 4,542,496, Cl. 370-16.000.
- Tazaki, Saburo; and Ide, Akifumi, to Matsushita Electric Industrial Co., Ltd. Method and apparatus for producing a binary information for an information transmission. 4,523,181, 6-11-85, Cl. 340-347.0DD.
- Tazaki, Shigemitsu, to Canon Kabushiki Kaisha. Electronic apparatus with printer. 4,517,578, 5-14-85, Cl. 346-140.00R.
- Tazaki, Shigemitsu, to Canon Kabushiki Kaisha. Ink jet printer vacuum purging system. 4,518,973, 5-21-85, Cl. 346-140.00R.
- Tazaki, Shigemitsu, to Canon Kabushiki Kaisha. Electronic equipment with a printer. 4,542,384, 9-17-85, Cl. 346-33.00R.
- Tazaki, Shigemitsu; and Kyogoku, Hiroshi, to Canon Kabushiki Kaisha. Electronic apparatus with printer. 4,543,590, 9-24-85, Cl. 346-140.00R.
- Tazaki, Shigemitsu: *See—*
  - Seki, Mitsuaki; Tazaki, Shigemitsu; and Shirato, Yoshiaki, 4,492,966, Cl. 346-33.00A.
  - Suzuki, Tetsuo; and Tazaki, Shigemitsu, 4,551,735, Cl. 346-140.00R.
- Tazawa, Hiroaki: *See—*
  - Mori, Teijiro; Wada, Yuichi; Nishisako, Shizutaka; Tazawa, Hiroaki; and Masuda, Shigeru, 4,539,451, Cl. 200-147.00R.
- Tazawa, Souichi, to Brother Kogyo Kabushiki Kaisha. Work-feed mechanism for a sewing machine. 4,527,498, 7-9-85, Cl. 112-323.000.
- Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, to Sanyo Electric Co., Ltd.; and Tokyo Sanyo Electric Co., Ltd. Induction heating cooking apparatus. 4,536,631, 8-20-85, Cl. 219-10.770.
- Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, to Sanyo Electric Co., Ltd.; and Tokyo Sanyo Electric Co., Ltd. Induction heating cooking apparatus. 4,556,770, 12-3-85, Cl. 219-10.49R.
- Tazuki, Shoji; and Toyama, Koji, to Mitsubishi Paper Mills, Ltd. Electrophotographic offset masters. 4,520,089, 5-28-85, Cl. 430-49.000.
- Tazuma, James J.: *See—*
  - Gloth, Richard E.; Tazuma, James J.; and Smith, Robert A., 4,537,952, Cl. 528-392.000.
- TBL Development Corporation: *See—*
  - Towns, Edward J.; and Brown, Edward M., 4,558,794, Cl. 215-250.000.
- TBT Tiefbohrtechnik GmbH & Co. KG: *See—*
  - Weiblen, Richard, 4,548,530, Cl. 408-79.000.
- Tchernev, Dimiter I. Integrated solar collector. 4,556,049, 12-3-85, Cl. 126-429.000.
- Tchernyak, Shimon S., to Suncor, Inc. Conditioning drum for a tar sands hot water extraction process. 4,549,935, 10-29-85, Cl. 196-14.520.
- Tchorbajian, Nichan: *See—*
  - Bellin, Howard T.; Fellner, Donald; and Tchorbajian, Nichan, 4,546,776, Cl. 128-704.000.
- Tchuempe-Tchuente, Germain. Mechanical support module for nucleic acid. 4,507,089, 3-26-85, Cl. 434-279.000.
- TCI, Inc.: *See—*
  - Strand, Glen L., 4,529,215, Cl. 280-43.230.
- TDK Corporation: *See—*
  - Adachi, Shichiro; and Kotani, Sho, 4,544,829, Cl. 219-237.000.
  - Ezaki, Joichiro; Kanai, Hiroshi; and Kitahara, Yoshimi, 4,562,502, Cl. 360-114.000.
  - Fujii, Tatsuo; and Takeda, Shigetomo, 4,555,021, Cl. 206-387.000.
  - Harigane, Kotaro; Tando, Shuichi; Takahashi, Kenichi; and Shudo, Hirokazu, 4,520,557, Cl. 29-740.000.
  - Hirayama, Hiromitsu; and Ebina, Hisashi, 4,547,705, Cl. 315-219.000.
  - Horimoto, Rioichi, 4,532,566, Cl. 360-132.000.
  - Ishino, Ken; Hashimoto, Yasuo; Ichihara, Kenichi; and Narumiya, Yoshikazu, 4,515,850, Cl. 428-225.000.
  - Ishino, Ken; and Hashimoto, Yasuo, 4,525,614, Cl. 219-10.55D.
  - Ishino, Ken; Hashimoto, Yasuo; and Narumiya, Yoshikazu, 4,539,433, Cl. 174-35.0MS.
  - Kawakami, Yoshio, 4,524,108, Cl. 428-480.000.
  - Kobayashi, Koji; Noguchi, Kiyoshi; and Takayama, Suguru, 4,540,600, Cl. 427-130.000.
  - Kobayashi, Kouji; Noguchi, Kiyoshi; and Takayama, Suguru, 4,548,871, Cl. 428-593.000.
  - Kohmoto, Osamu; Takasugi, Yasufumi; Sugihara, Hiroshi; and Nishimatsu, Masaharu, 4,537,832, Cl. 428-216.000.
  - Kubota, Yuichi; Nishimatsu, Masaharu; and Shimada, Shigeru, 4,559,265, Cl. 428-336.000.
  - Mitsui, Tadashi; and Wasaki, Masaru, 4,549,158, Cl. 336-83.000.
  - Moriya, Shigeru, 4,516,848, Cl. 355-3.0CH.
  - Nakayama, Masatoshi; and Izumi, Toshiaki, 4,548,864, Cl. 428-336.000.
  - Nishimatsu, Masaharu; Ide, Toshiaki; Arioka, Hiroyuki; and Kubota, Yuichi, 4,547,419, Cl. 428-212.000.
  - Nishimatsu, Masaharu; Kubota, Yuichi; Tamazaki, Kazunori; and Shimada, Shigeru, 4,560,617, Cl. 428-423.100.
  - Nunokawa, Eiichi; Ishida, Toshihiko; and Ohira, Yasuo, 4,511,099, Cl. 242-71.800.
  - Okamura, Masatoshi; and Shiba, Haruo, 4,504,027, Cl. 242-74.100.
  - Okamura, Masatoshi; and Ishida, Toshihiko, 4,546,936, Cl. 242-198.000.
  - Shiba, Haruo, 4,491,891, Cl. 360-130.210.
  - Shiba, Haruo; Sakata, Yoshiya; and Tanaka, Kimio, 4,515,322, Cl. 242-71.800.
  - Shiba, Haruo; and Takeda, Shigetomo, 4,545,483, Cl. 206-387.000.
  - Shiba, Haruo; and Iizuka, Michio, 4,558,387, Cl. 360-132.000.
  - Shigeta, Masao; and Ojima, Teruhiko, 4,558,297, Cl. 336-213.000.
  - Takahashi, Makoto, 4,555,753, Cl. 363-126.000.
  - Takahashi, Minoru, 4,510,464, Cl. 331-116.00R.
  - Takayama, Suguru; Noguchi, Kiyoshi; and Kobayashi, Kouji, 4,550,062, Cl. 428-611.000.
  - Yoshizawa, Keiichi, 4,501,359, Cl. 206-387.000.
- TDK Electronics Co., Ltd.: *See—*
  - Adachi, Hiromi; and Iwaya, Shoichi, 4,517,496, Cl. 315-227.00R.
  - Aoi, Toshiki; and Nakagawa, Shiro, 4,530,080, Cl. 369-45.000.
  - Fukuda, Kazumasa; and Kitahara, Yoshimi, 4,533,603, Cl. 428-458.000.
  - Irisawa, Naoshi, 4,548,910, Cl. 501-137.000.
  - Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.
  - Nakagawa, Shiro; and Kuroiwa, Akihiko, 4,516,234, Cl. 369-109.000.
  - Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.
  - Saito, Seitoku; Izumi, Toshiaki; Kobuke, Takayoshi; and Sugihara, Hiroshi, 4,520,076, Cl. 428-611.000.
  - Takada, Kazuo; and Saito, Seitoku, 4,542,062, Cl. 428-336.000.
- Te Ka De Felten & Guilleaume Fernmeldeanlagen GmbH: *See—*
  - Bader, Edgar; Rohrbach, Gerd; Petersen, Jurgen; and Kittel, Ludwig, 4,514,840, Cl. 370-29.000.
  - Robra, Joerg; and Goschin, Hans, 4,525,602, Cl. 179-16.00F.
- Tea Industries, Inc.: *See—*
  - James, Max F., 4,554,039, Cl. 156-213.000.
- Teac Corporation: *See—*
  - Kudo, Tomio, 4,514,777, Cl. 360-128.000.
  - Shimizu, Tokuzo, 4,526,330, Cl. 242-199.000.
  - Suda, Kenichi; Tamaki, Katsuyuki; Tateishi, Kazushi; and Abe, Kohichiroh, 4,492,994, Cl. 360-85.000.
- Teach, Eugene G.; and Springer, Jeffery T., to Stauffer Chemical Company. Meta-anilide and meta-anilide urea herbicidal compounds and methods of use. 4,509,975, 4-9-85, Cl. 71-100.000.
- Teach, Eugene G.; and Springer, Jeffery T., to Stauffer Chemical Company. Meta-anilide and meta-anilide urea herbicidal compounds and methods of use. 4,557,756, 12-10-85, Cl. 71-118.000.
- Teach, Eugene G.: *See—*
  - Pallos, Ferenc M.; DeBaun, Jack R.; and Teach, Eugene G., 4,532,348, Cl. 564-27.000.
- Teach, Ted L.: *See—*
  - Geyler, Arthur H., Jr.; and Teach, Ted L., 4,526,201, Cl. 137-625.630.
- Teachout, Paul H. Foldable dolly. 4,537,421, 8-27-85, Cl. 280-654.000.
- Teagan, William P., to Arthur D. Little, Inc. Integral storage solar heating system. 4,539,975, 9-10-85, Cl. 126-439.000.
- Teagle, David A.: *See—*
  - Bones, Roger J.; Galloway, Roy C.; Coetzer, Johan; and Teagle, David A., 4,560,627, Cl. 429-103.000.
  - Coetzer, Johan; Galloway, Roy C.; Bones, Roger J.; Teagle, David A.; and Moseley, Patrick T., 4,546,055, Cl. 429-103.000.

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Teagno, Vladimiro; and Chiusa, Alessandro, to AMP Incorporated. Workpiece feeding apparatus. 4,552,260, 11-12-85, Cl. 198-345.000.
Teague, Catherine E.: *See—*
  Vayenas, Costas G.; and Teague, Catherine E., 4,512,964, Cl. 423-403.000.
Teague, E. Clayton: *See—*
  Scire, Fredric E.; and Teague, E. Clayton, 4,559,717, Cl. 33-568.000.
Teague, James R.: *See—*
  Dragoo, Robert E.; Teague, James R.; Burberry, Lee M.; Bailey, David C.; Bardos, Andrew M.; and Grossman, Barry G., 4,551,829, Cl. 370-3.000.
Teague, W. Dorwin, Jr., to Southern California Gas Co. Regenerative room air exchanger. 4,497,362, 2-5-85, Cl. 165-54.000.
Teague, Walter D., Jr.: *See—*
  Scott, Edward L.; and Teague, Walter D., Jr., 4,553,641, Cl. 188-24.220.
Team Cruiser Conversion Co., Inc.: *See—*
  Gellenbeck, Thomas C., 4,511,175, Cl. 296-190.000.
Team, Inc.: *See—*
  Harrison, George W., 4,520,051, Cl. 427-387.000.
  Harrison, George W.; Holder, Robert L.; and Kearns, John P., 4,529,167, Cl. 251-144.000.
Teaneck Graphics Corp.: *See—*
  Hliboki, Joseph G.; and Staudenmaier, Paul. 4,536,085, Cl. 355-93.000.
Teasdale, Robert D.: *See—*
  Bouvet, Jean; and Teasdale, Robert D., 4,509,509, Cl. 128-24.100.
Teass, Horace A., Jr. Salinity indicator system. 4,549,141, 10-22-85, Cl. 324-441.000.
Teater, Albert: *See—*
  James, Miranda L.; and Teater, Albert, 4,492,823, Cl. 179-81.00R.
Teater, Albert G., to GTE Communication Systems Corporation. Subscriber's telephone circuit arranged to present constant impedance to a telephone line. 4,550,226, 10-29-85, Cl. 179-81.00R.
Tebbe, Frederick N.: *See—*
  Peet, William G.; and Tebbe, Frederick N., 4,510,327, Cl. 568-1.000.
Tebel Machinefabrieken B.V.: *See—*
  van der Velde, Ype Y.; and Zantinge, Jan, 4,537,787, Cl. 426-478.000.
Tech Development Inc.: *See—*
  Coons, Terry L., 4,507,047, Cl. 415-9.000.
  Coons, Terry L., 4,518,310, Cl. 415-36.000.
  Linsker, Eugene, 4,509,896, Cl. 415-9.000.
  Stein, Robert A., 4,494,499, Cl. 123-179.00F.
Teche, Andre: *See—*
  Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,513,139, Cl. 546-196.000.
  Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,536,345, Cl. 260-465.00D.
  Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,540,797, Cl. 549-302.000.
  Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,542,142, Cl. 514-345.000.
  Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,547,522, Cl. 514-531.000.
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  Dyer, David; and Wise, James L., 4,522,035, Cl. 62-79.000.
  Roth, Reinhold C.; and Terra, Richard F., 4,498,864, Cl. 432-8.000.
Technar, Incorporated: *See—*
  Bell, Lon E.; and Gruber, William P., 4,541,731, Cl. 374-117.000.
  Diller, Robert W., 4,536,629, Cl. 200-61.45R.
Techne Corporation: *See—*
  de Bruyne, Norman A., 4,498,785, Cl. 366-274.000.
  de Bruyne, Norman A., 4,534,656, Cl. 366-247.000.
Technic, Inc.: *See—*
  Johnson, Frank; Reese, Dieter; and Hirbour, Louis, 4,508,611, Cl. 204-202.000.
  Johnson, Frank; Reese, Dieter; and Hirbour, Louis, 4,534,843, Cl. 204-202.000.
Technical Arts Corporation: *See—*
  White, Steven J., 4,498,778, Cl. 356-376.000.
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  Crawford, John S., 4,521,825, Cl. 361-253.000.
Technical Incorporated: *See—*
  Suzuki, Nobuo, 4,491,883, Cl. 360-74.200.
  Suzuki, Nobuo, 4,531,168, Cl. 360-96.100.
Technical Processing Inc.: *See—*
  Aguirre, Juan E., 4,534,799, Cl. 106-270.000.
Technical Research Associates, Inc.: *See—*
  Baker, Charles D., 4,554,686, Cl. 623-16.000.
Technical Support Services, Inc.: *See—*
  McLaughlin, Thomas F.; and Diaz, Gerard J., 4,512,092, Cl. 40-2.00R.
Technicare Corporation: *See—*
  Buffington, Ralph M.; Kaminski, Perry; and Larson, Eugene A., 4,557,146, Cl. 73-642.000.
  Carlson, Roland W.; and Blaskis, Edward A., 4,501,566, Cl. 445-28.000.
  Dietz, Dennis R., 4,537,074, Cl. 73-625.000.
  Dulapa, Mark J.; and Glenn, William M., Jr., 4,492,119, Cl. 73-621.000.
  Dulapa, Mark J., 4,549,210, Cl. 358-112.000.
  Fife, Michael J.; Diaz, Paul T.; and Dietz, Dennis R., 4,534,221, Cl. 73-626.000.
  Flynn, Michael J., 4,506,374, Cl. 378-2.000.
  Guess, Joe F.; and Pearce, Thomas, 4,492,317, Cl. 222-39.000.
  Kovacs, Richard M., Jr.; Senger, Eugene J.; and Wake, Robert H., 4,503,331, Cl. 250-363.00S.
  Oakley, Clyde G.; Guess, Joe F.; Robbins, Cheston W.; Kelly, Robert M.; Skaar, Dean N.; and Walker, Stephen D., 4,542,745, Cl. 252-312.000.
  Richey, Joseph B.; Wake, Robert H.; Walters, Ronald G.; Hunt, Willard F.; and Cool, Steven L., 4,547,892, Cl. 378-8.000.
  Robbins, Cheston W.; and Kelly, Robert M., 4,493,653, Cl. 434-262.000.
  Smith, Kendall A., 4,533,947, Cl. 358-111.000.
Technicon Instruments Corporation: *See—*
  Burns, Donald A.; Margoshes, Marvin; and Cassaday, Michael M., 4,526,754, Cl. 422-82.000.
  Klotzsch, Sigrid G.; and Vadaszy, Richard, 4,543,337, Cl. 436-108.000.
  Saros, Stephen, 4,517,302, Cl. 436-180.000.
  Smith, John L.; and Christiano, Vito F., 4,515,753, Cl. 422-102.000.
  Yun, Shyun-long; Leon, Luis P.; and Ahmad, Syed I., 4,503,146, Cl. 435-19.000.
Technicorp: *See—*
  Tomasulo, Walter, 4,542,345, Cl. 324-451.000.
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  Liebel, Gerhard, 4,521,719, Cl. 315-111.810.
  Liebel, Gerhard; and Kegel, Bert, 4,559,099, Cl. 156-345.000.
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  Cooper, Emanuel; and Kohn, David H., 4,528,164, Cl. 423-1.000.
  Lavie, Ram, 4,537,760, Cl. 423-359.000.
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  Cais, Michael; and Shimoni, Moshe, 4,510,058, Cl. 210-657.000.
  Etsion, Izhak, 4,543,037, Cl. 415-90.000.
  Tur-Kaspa, Yosef; and Lenz, Ehud, 4,500,126, Cl. 294-86.00R.
  Yarnitzky, Chaim N., 4,500,411, Cl. 204-413.000.
Technique et Esthetique pour l'Industrie et la Distribution: *See—*
  Ducros, Guy, 4,534,377, Cl. 137-212.000.
Techniques Girodin: *See—*
  Girodin, Marius G., 4,516,913, Cl. 417-243.000.
Technische Hogeschool Delft: *See—*
  Schijve, Jacobus; Vogelesang, Laurens B.; and Marissen, Roelof, 4,500,589, Cl. 428-213.000.
Techniservice Division, Textured Yarn Company: *See—*
  Schwartz, Nathan G., 4,542,619, Cl. 57-210.000.
Technitrol, Inc.: *See—*
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Technobal S.A.: *See—*
  Cornu, Roger; and Meier, Pierre-Andre, 4,560,926, Cl. 324-158.00P.
Technochemie GmbH-Verfahrenstechnik: *See—*
  Roth, Siegfried; and Stenzenberger, Horst, 4,555,426, Cl. 428-113.000.
Technochemie Kessler & Co. GmbH: *See—*
  Fleischer, Wolfgang; Eichelberger, Leo; and Endress, Georg, 4,524,808, Cl. 138-103.000.
Technology Application Services Corporation: *See—*
  Camacho, Salvador L.; and Camacho, David P., 4,549,065, Cl. 219-121.0PM.
Technology Consulting Corporation: *See—*
  Steiner, Erwin; and Stahlecker, Peter H., 4,507,832, Cl. 28-248.000.
  Steiner, Erwin, 4,513,514, Cl. 34-24.000.
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  Canada, Ronald G.; Piety, Kenneth R.; Simpson, Daniel G.; and Pardue, E. Forrest, 4,520,674, Cl. 73-660.000.
Technology Marketing, Inc.: *See—*
  Kraemer, Alan D.; and Kane, James A., 4,521,858, Cl. 364-200.000.
Technology Unlimited, Inc.: *See—*
  Geho, W. Blair; and Lau, John R., 4,501,728, Cl. 424-38.000.
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  Kunst, Hermann, 4,502,062, Cl. 346-155.000.
Technomex Development, Ltd.: *See—*
  Bardina, Juan; and Gonzalez, Mikel, 4,560,417, Cl. 134-1.000.
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Technovators, Inc.: *See—*
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  Fisher, Glen W., 4,560,285, Cl. 366-341.000.
Techplastics, Inc.: *See—*
  Holdredge, Ernest C., Jr., 4,548,776, Cl. 264-50.000.
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Teck Corporation: *See—*
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  Downs, David A.; and Tecle, Haile, 4,540,780, Cl. 544-129.000.
Tecnol, Inc.: *See—*
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- Tecnoma: *See—*
  - Ballu, Patrick J. M., 4,512,516, Cl. 239-168.000.
  - Ballu, Patrick J. M., 4,518,122, Cl. 239-530.000.
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- Tecnomagnetica di Cardone, Grandini, Zaramella & C. S.a.s.: *See—*
  - Cardone, Michele; Grandini, Angelo; and Zaramella, Bruno, 4,507,635, Cl. 335-291.000.
- Tecnomare, S.p.A.: *See—*
  - Macchi, Carla; and Nicolussi, Franco, 4,547,095, Cl. 405-206.000.
  - Vielmo, Paolo; Brighenti, Attilio; and Blandino Alamia, Antonio, 4,531,063, Cl. 290-53.000.
- Tecstor, Inc.: *See—*
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- Tectron (Eng) Ltd.: *See—*
  - Needham, Arthur M.; and Helyer, Laurie E., 4,495,967, Cl. 137-614.060.
  - Needham, Arthur M., 4,559,815, Cl. 73-119.00A.
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  - Campen, Kenneth W., 4,550,697, Cl. 123-149.00D.
  - Hermanson, William O., 4,519,486, Cl. 192-3.00S.
  - Kandler, William C., 4,507,917, Cl. 60-323.000.
  - Kaufman, Vernon R., 4,494,286, Cl. 29-156.50A.
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  - Kessler, Donald L., 4,559,686, Cl. 29-156.50R.
  - Lowery, David C.; and Alyea, Robert W., 4,538,701, Cl. 181-274.000.
  - Morse, Robert L.; and Hagan, Russell M., 4,506,519, Cl. 62-190.000.
  - Pirkey, Robert J.; and Ditter, Stephen D., 4,517,942, Cl. 123-376.000.
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- Tedeschi, Robert J.; and Diuguid, Lincoln I. Burning efficiency enhancement method. 4,539,015, 9-3-85, Cl. 44-77.000.
- Tedesco, Jack, to Econolite Control Products, Inc. Power supply voltage monitor and control system. 4,510,549, 4-9-85, Cl. 361-86.000.
- Tedhams, Michael H.: *See—*
  - Overley, Ronald V.; Tedhams, Michael H.; and Atzbach, Carl L., 4,554,907, Cl. 126-191.000.
- Tee, Victor G., to De La Rue Systems Limited. Apparatus for detecting the thickness of sheets. 4,550,252, 10-29-85, Cl. 250-223.00R.
- Teege, Gernot: *See—*
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- Teel, Patrick. Trigger actuator. 4,514,923, 5-7-85, Cl. 42-69.00R.
- Teepak, Inc.: *See—*
  - Arnold, Lionel C., 4,536,175, Cl. 493-308.000.
  - Hendriks, Ivo G. M.; and Stals, Theo, 4,535,506, Cl. 17-45.000.
  - Liekens, J. Alfons F.; and Hendriks, Ivo G. M., 4,524,561, Cl. 53-397.000.
  - Martinek, Thomas W., 4,557,018, Cl. 17-49.000.
  - Martinek, Thomas W., 4,558,488, Cl. 17-41.000.
  - Stanley, Thomas R., 4,534,084, Cl. 17-39.000.
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- Teerman, Richard F.; Bosch, Russell H.; and Wirth, Ricky C., to General Motors Corporation. Electromagnetic unit fuel injector with piston assist solenoid actuated control valve. 4,550,875, 11-5-85, Cl. 239-88.000.
- Teeter, Brent A., to United States of America, Navy. Video target track valid indicator. 4,555,726, 11-26-85, Cl. 358-93.000.
- Teeter, Roger C. Load centering boot for inverse suspension. 4,515,152, 5-7-85, Cl. 128-75.000.
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  - Heber, Helmut; Eberle, Reinhard; and Teetz, Volker, 4,508,644, Cl. 260-112.50R.
  - Henning, Rainer; Urbach, Hansjorg; Geiger, Rolf; Teetz, Volker; and Scholkens, Bernward, 4,515,803, Cl. 514-338.000.
  - Urbach, Hansjorg; Henning, Rainer; Teetz, Volker; Wissmann, Hans; and Becker, Reinhard, 4,562,202, Cl. 514-423.000.
- Tefft, Ronald E.: *See—*
  - Worrall, James D.; and Tefft, Ronald E., 4,520,059, Cl. 428-109.000.
- Tefft, Stephen W.: *See—*
  - Fishter, Robert E.; McDaniel, Paul L.; and Tefft, Stephen W., 4,534,823, Cl. 156-626.000.
- Tefka, Edward E. Fire and smoke protection device for use in buildings. 4,539,555, 9-3-85, Cl. 340-500.000.
- Tegal Corporation: *See—*
  - Lachenbruch, Roger B.; and Zajac, John P., 4,547,248, Cl. 156-345.000.
  - Warenback, Douglas H.; Rathmann, Thomas M.; and Mirkovich, Ninko T., 4,547,247, Cl. 156-345.000.
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  - Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, 4,505,774, Cl. 156-499.000.
- Tegel, Othmar; and Gill, Hardial S., to ANT Nachrichtentechnik GmbH. Cavity-stabilized microwave oscillator. 4,560,952, 12-24-85, Cl. 331-107.0DP.
- Tegeler, John J.; and Diamond, Craig J., to Hoechst-Roussel Pharmaceuticals Inc. Substituted 8-phenylisoxazolo[4,3-e][1,4]diazepin-5-ones. 4,514,410, 4-30-85, Cl. 514-221.000.
- Tegeler, John J.; and Diamond, Craig J., to Hoechst-Roussel Pharmaceuticals Inc. Isoxazole intermediates. 4,544,753, 10-1-85, Cl. 548-245.000.
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- Tegethoff, Ronald H., to AT&T Bell Laboratories. Echo suppressor for improving echo canceler performance. 4,546,216, 10-8-85, Cl. 179-170.200.
- Tegman, Ragnar: *See—*
  - Larker, Hans; and Tegman, Ragnar, 4,491,540, Cl. 252-628.000.
- Tehrani, Abolghassem Y.; Jones, John N.; and Allington, Robert W., to ISCO, Inc. Apparatus for reducing tailing in a liquid chromatograph. 4,545,904, 10-8-85, Cl. 210-96.100.
- Tehsildar, Tehmtan J.; and Colbert, Robert R., to Boyertown Casket Company. Casket stay mechanism. 4,524,496, 6-25-85, Cl. 27-18.000.
- Teich, Christian M., to Deere & Company. Flip-up shield assembly for tractor power take-off. 4,553,950, 11-19-85, Cl. 464-176.000.
- Teich, Michael: *See—*
  - Schafer, Helmut; Huckler, Volker; and Teich, Michael, 4,517,856, Cl. 74-528.000.
- Teich, Wesley W.; and Adamski, Joseph R., to Raytheon Company. Regulated microwave oven and method, using uniformly spaced, integral cycle control. 4,507,531, 3-26-85, Cl. 219-10.55B.
- Teichman, James E.: *See—*
  - Church, William H.; and Teichman, James E., 4,507,041, Cl. 414-641.000.
- Teichman, Robert L.: *See—*
  - Bernhard, Dennis P.; Rowles, Howard C.; and Teichman, Robert L., 4,519,825, Cl. 62-28.000.
- Teichmann, Paul, to Trutzschler GmbH & Co. KG. Waste collector for a card. 4,527,307, 7-9-85, Cl. 19-105.000.
- Teijin Limited: *See—*
  - Adachi, Tomio; Shiozaki, Shigeru; and Tomie, Takashi, 4,505,966, Cl. 428-141.000.
  - Aito, Yuzo; and Shimada, Keizo, 4,532,275, Cl. 523-468.000.
  - Aoki, Akihiro; Hiratsuka, Shozaburo; Yamaguchi, Norihisa; and Makino, Shoji, 4,525,384, Cl. 427-174.000.
  - Hirakawa, Tadashi; and Yoshida, Makoto, 4,501,641, Cl. 162-164.300.
  - Imose, Kazuo; Yamamuro, Kiyoshi; Takeuchi, Hironori; and Misawa, Takashi, 4,518,962, Cl. 340-870.280.
  - Ishizuka, Seiichi; and Kubo, Junji, 4,511,564, Cl. 514-167.000.
  - Iwata, Kaoru; Hagiwara, Tsuneo; and Matsuzawa, Hiroshi, 4,495,343, Cl. 528-292.000.
  - Kadokura, Sadao; Tomie, Takashi; and Naoe, Masahiko, 4,507,364, Cl. 428-457.000.
  - Kanai, Tamaki; Yoshikawa, Hirofumi; Yamagishi, Takashi; Suzuki, Kenji; and Ohta, Yoshikatsu, 4,492,719, Cl. 427-171.000.
  - Kato, Yoshinori; Umemoto, Naoji; Saito, Masahiko; and Hara, Takeshi, 4,507,234, Cl. 260-121.000.
  - Kato, Yoshinori; Umemoto, Naoji; Hara, Takeshi; Tsukada, Yutaka; and Hirai, Hidematsu, 4,543,211, Cl. 260-112.00B.
  - Kiriyama, Tsutomu; Horie, Shigeru; Ichihashi, Tetsuo; and Oshida, Masahiro, 4,539,389, Cl. 528-272.000.
  - Kunugi, Katsuo; Suzuki, Togi; Konishi, Tadashi; and Ohwaki, Shinji, 4,513,114, Cl. 524-706.000.
  - Matsumura, Shunichi; and Inata, Hiroo, 4,517,315, Cl. 521-64.000.
  - Minemura, Norihiro; Kimura, Takeo; and Mitsui, Yoshiaki, 4,497,095, Cl. 26-2.00R.
  - Moriga, Hiroyuki; Uchida, Masao; Iwashita, Koichi; and Tanaka, Shuji, 4,497,720, Cl. 252-52.00A.
  - Norota, Susumi; Kiriyama, Tsutomu; Imoto, Tadashi; and Azumi, Toshinori, 4,521,364, Cl. 264-176.00F.
  - Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, 4,526,735, Cl. 264-27.000.
  - Norota, Susumu; Segawa, Yasuhiko; and Emi, Shingo, 4,552,810, Cl. 428-398.000.
  - Nouda, Hiroshi; Hasegawa, Kinji; and Hosoi, Masahiro, 4,557,982, Cl. 428-694.000.
  - Ogawa, Yoshinari; Sakai, Kouichi; and Akagi, Noriyuki, 4,506,043, Cl. 523-523.000.
  - Ogawa, Yoshinari; and Akagi, Noriyuki, 4,536,531, Cl. 524-135.000.
  - Sasaki, Hideharu; and Shimada, Keizo, 4,498,957, Cl. 162-146.000.
  - Sasaki, Yasusuke, 4,552,313, Cl. 242-18.00A.
  - Sasaki, Yoshiyuki; Kobayashi, Shigenobu; Okamoto, Tetsuo; and Minemura, Norihiro, 4,539,242, Cl. 428-92.000.
  - Shibata, Fumio; and Kawasaki, Shunzo, 4,548,848, Cl. 428-85.000.
  - Shimada, Keizo; Sasaki, Hideharu; Mera, Hiroshi; Sawaki, Toru; and Aoki, Akihiro, 4,507,467, Cl. 528-348.000.
  - Shingu, Tadashi; Tsutada, Tadakazu; Nishihara, Toshio; and Suzuki, Nobuo, 4,520,611, Cl. 52-789.000.

Suzuki, Yoji; Imaizumi, Atsushi; Yamaguchi, Hisao; Kanesaki, Masaharu; and Ono, Shoji, 4,500,639, Cl. 435-244.000.
Tamura, Yorikazu; Aoki, Akihiro; and Shimada, Keizo, 4,529,763, Cl. 524-230.000.
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Toshimasa, Kuroda; Akio, Kimura; Takumi, Horiuchi; Koki, Sasaki; and Terukuni, Ikuta, 4,534,164, Cl. 57-290.000.
Ueda, Fumio; Hashimoto, Eiichi; Yamada, Takeyoshi; and Mori, Koh, 4,493,714, Cl. 55-16.000.
Yamamoto, Tamio; Kobayashi, Tsukasa; Hirakawa, Tadashi; Yoshida, Makoto; and Okumura, Masumi, 4,496,583, Cl. 428-288.000.
Yoshida, Makoto; and Hirakawa, Tadashi, 4,529,481, Cl. 162-157.300.
Yoshimoto, Masato; and Ohwaki, Shinji, 4,546,043, Cl. 428-397.000.
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Teijin Petrochemical Industries Ltd.: *See—*
Onodera, Tamio; Sakai, Tokuji; Yamasaki, Yasuo; and Sumitani, Koji, 4,524,055, Cl. 423-328.000.
Sumitani, Koji; Sakai, Tokuji; Yamasaki, Yasuo; and Onodera, Tamio, 4,557,919, Cl. 423-329.000.

Teijin Seiki Company Limited: *See—*
Miyake, Yuzuru; Sugioka, Takami; Murakami, Shoichi; and Ibuki, Hideaki, 4,494,702, Cl. 242-18.00R.
Moriyama, Yukinori; and Ozaki, Tsukasa, 4,523,449, Cl. 72-421.000.
Yamamoto, Shigeru; Miyake, Yuzuru; and Nohara, Isao, 4,498,637, Cl. 242-18.100.

Teiken, Gerald W.: *See—*
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Teikoku Oil Co., Ltd.: *See—*
Ito, Hiroshi; Hasegawa, Kyusei; Takeuchi, Takashi; and Ikenaga, Takayuki, 4,528,105, Cl. 252-8.55D.

Teikoku Piston Ring Co., Ltd.: *See—*
Kubo, Yukihiko, 4,522,412, Cl. 277-138.000.

Teikoku Sen-I Co., Ltd.: *See—*
Kawanishi, Toshio; and Hareyama, Satoshi, 4,540,617, Cl. 428-137.000.

Teisan Kabushiki Kaisha: *See—*
Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.
Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,497,178, Cl. 62-55.000.

Teitel, Sidney: *See—*
Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,544,657, Cl. 514-253.000.
Bruderer, Hans; Kierstead, Richard W.; Mullin, John G., Jr.; Nakamura, Keiji; Tateishi, Mitsuru; Teitel, Sidney; and O'Brien, Jay P., 4,559,403, Cl. 546-144.000.

Teitelbaum, Heshel, to Canadian Patents & Development Limited. Method and apparatus for measuring density gradient. 4,547,071, 10-15-85, Cl. 356-344.000.

Tek-Matik, Inc.: *See—*
Bolle, Fred; Herronen, John R.; and Wright, Joseph M., 4,508,212, Cl. 198-781.000.

Tekade Felten & Guillaume Fernmeldeanlagen GmbH: *See—*
Speidel, Joachim, 4,539,690, Cl. 375-14.000.

Tekcast Industries, Inc.: *See—*
Schaer, Leonard S., 4,519,971, Cl. 264-311.000.

Tekippe, Vincent J., to Gould Inc. Optical pressure sensor. 4,495,819, 1-29-85, Cl. 73-705.000.

Tekirdaglis, Aris. Photoelectric instrument for observing a viewing corridor of interest. 4,498,002, 2-5-85, Cl. 250-221.000.

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Horimatsu, Kazuo, 4,519,730, Cl. 405-258.000.

Tekna: *See—*
Osterhout, Ralph F.; Burr, John D.; and Larson, Eric R., 4,523,379, Cl. 30-151.000.

Tekna Limited: *See—*
Tremblay, Paul, 4,513,503, Cl. 30-289.000.

Teknar, Inc.: *See—*
Head, Kenneth O.; and Bollinger, Arthur E., 4,543,649, Cl. 367-96.000.

Teknetics, Inc.: *See—*
Payne, George C., 4,507,612, Cl. 324-329.000.

Tekniska Rontgencentralen AB: *See—*
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Tekron Licensing B.V.: *See—*
Evans, Harold R., 4,540,172, Cl. 272-133.000.

Tektronix, Inc.: *See—*
Andrews, Gary D., 4,532,542, Cl. 358-31.000.
Andrews, Roland E., 4,495,586, Cl. 364-487.000.
Andrews, Roland E.; and Addis, John L., 4,551,636, Cl. 307-264.000.
Barrett, Ronald A., 4,495,471, Cl. 330-151.000.
Bateman, Glenn, 4,507,615, Cl. 328-142.000.
Bateman, Glenn; and DuPuy, Richard E., Jr., 4,546,321, Cl. 328-142.000.
Beazley, Todd M.; and Diller, Calvin D., 4,547,724, Cl. 324-57.00R.
Biggs, Lawrence G.; and Radochonski, Pierre, 4,540,997, Cl. 346-140.00R.
Bristol, L. Rodney, 4,553,091, Cl. 324-74.000.
Bristol, Lloyd R., 4,495,470, Cl. 330-9.000.
Bruce, Robert A., 4,540,938, Cl. 324-121.00R.
Bruning, John W.; and Fuller, Stephen C., 4,542,390, Cl. 346-140.00R.
Buzak, Thomas S., 4,541,691, Cl. 350-335.000.
Cabot, Richard C., 4,546,270, Cl. 307-353.000.
Cabot, Richard C., 4,560,950, Cl. 331-1.00A.
Cabot, Richard C., 4,560,957, Cl. 331-135.000.
Causley, Gary C.; and Rosback, Martin D., 4,551,734, Cl. 346-140.00R.
Collier, Warren, 4,534,045, Cl. 377-16.000.
Correll, Ronald E., 4,507,586, Cl. 315-3.000.
Culter, Robert G., 4,558,372, Cl. 358-264.000.
Dagostino, Thomas P.; and Trudel, John D., 4,510,571, Cl. 364-487.000.
Deleganes, Sam M.; and Den Beste, Steven C., 4,561,049, Cl. 364-130.000.
Den Beste, Steven C.; Boyce, Douglas G.; Blattner, John D.; and Hillen, Kenneth K., 4,558,422, Cl. 364-480.000.
Dickes, Eric J.; Hill, Thomas C., III; and Flegal, Robert T., 4,510,461, Cl. 331-1.00A.
Easton, Thomas C., 4,532,839, Cl. 83-29.000.
Eriksen, Joern B.; and Radochonski, Pierre, 4,499,501, Cl. 358-302.000.
Griffith, Joseph W., 4,559,437, Cl. 219-86.210.
Gross, Winthrop A., 4,528,515, Cl. 330-254.000.
Harris, David L., 4,544,902, Cl. 333-250.000.
Helton, Raymond L.; Trobough, Douglas W.; and McPherson, Marianne, 4,496,438, Cl. 204-44.000.
Hill, Thomas C., III, 4,528,516, Cl. 330-254.000.
Hoeren Gerd H.; and Palmquist, Steven R., 4,493,044, Cl. 364-579.000.
Hofer, Bruce E., 4,560,958, Cl. 331-135.000.
Hoffman, Gilbert A., 4,520.325, Cl. 330-302.000.
Irvin, Darrell B., 4,562,402, Cl. 328-63.000.
Jackson, Ronald M., 4,554,536, Cl. 340-747.000.
Jackson, Ronald M.; Olin, Daniel C.; and Anderson, Russell Y., 4,560,981, Cl. 340-747.000.
Jaeger, Charles W.; Titterington, Donald R.; and Hue, Le P., 4,503,111, Cl. 428-195.000.
Jalovec, Lee J., 4,540,982, Cl. 340-743.000.
Jones, Roydn; Dagostino, Thomas P.; and Navarro, Luis J., 4,562,363, Cl. 307-351.000.
Koller, Thomas J., 4,511,235, Cl. 355-1.000.
Lamb, James S.; and Wimmer, Warren K., 4,513,417, Cl. 371-12.000.
Lavoie, Marvin E., 4,529,915, Cl. 315-382.000.
Liepe, Steven F.; Radochonski, Pierre; and Johnson, Glenn R., 4,528,591, Cl. 358-160.000.
Luka, Robert E., 4,543,717, Cl. 30-90.600.
McClanahan, John B.; LaVoie, Marvin E.; Kelsoe, Wayne E.; and Wrobel, James, 4,510,482, Cl. 338-24.000.
McCracken, David R.; and Larson, Robin R., 4,507,576, Cl. 307-475.000.
McKibben, Barry A., 4,554,489, Cl. 315-399.000.
Metz, Arthur J.; and Schlotzhauer, Kenneth G., 4,491,803, Cl. 330-261.000.
Metz, Arthur J.; and Schlotzhauer, Kenneth G., 4,536,666, Cl. 307-494.000.
Metz, Arthur J., 4,551,656, Cl. 315-392.000.
Miles, Frank, 4,517,523, Cl. 330-126.000.
Miles, Frank, 4,523,161, Cl. 333-81.00R.
Mitch, John H., 4,520,355, Cl. 340-709.000.
Morgan, David W.; and Andrews, Roland E., 4,527,117, Cl. 324-121.00R.
Mossaides, Paula X., 4,509,043, Cl. 340-721.000.
Murphy, Desmond L., 4,495,458, Cl. 324-57.00R.
Murphy, Desmond L.; and Wimmer, Warren K., 4,525,688, Cl. 333-81.00R.
Nakamura, Michael D., 4,516,042, Cl. 307-546.000.
Navarro, Luis J.; Peter, Joseph R.; and Blair, Bruce W., 4,536,760, Cl. 340-722.000.
Nelson, Theodore G., 4,507,618, Cl. 330-126.000.
Odenthal, Conrad J.; and Askew, Dennis D., 4,500,809, Cl. 313-444.000.
Olmstead, Harold W.; Andrews, Gary D.; and Walquist, Clayton C., 4,501,995, Cl. 315-371.000.
Pak, Jungho; and Navia, Jaime A., 4,562,480, Cl. 358-248.000.
Payne, David G., 4,514,022, Cl. 339-17.00F.
Penney, Bruce J., 4,535,319, Cl. 340-347.0AD.
Penney, Bruce J., 4,535,357, Cl. 358-150.000.
Philipp, Harald, 4,497,575, Cl. 356-73.100.
Radochonski, Pierre; Kniffin, John M.; Eriksen, Joern B.; Rogers, Jerrold J.; and Gellatly, William W., 4,560,989, Cl. 346-1.100.
Rath, Dale R., 4,547,695, Cl. 313-406.000.
Reiney, Michael G., 4,527,272, Cl. 371-25.000.
Rogers, Jerrold J.; and Sirotiak, Judd L., 4,529,928, Cl. 323-280.000.
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Schlotzhauer, Kenneth G.; and Metz, Arthur J., 4,499,386, Cl. 307-260.000.
Schlotzhauer, Kenneth G., 4,528,517, Cl. 330-256.000.
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  - Sutton, Steven R.; Hagen, Michael S.; Chapman, David D.; Gombert, Glenn S.; and Palmquist, Steven R., 4,541,100, Cl. 375-10.000.
  - Tran, Ry M.; Stevens, Floyd E.; Turk, Donald L.; and Chun, Kwang S., 4,561,281, Cl. 72-389.000.
  - Van Domelen, Joseph D., 4,541,683, Cl. 339-126.00R.
  - Wahlquist, Clayton C., 4,495,519, Cl. 358-139.000.
  - Wahlquist, Clayton C., 4,524,307, Cl. 315-368.000.
  - Waller, William G., 4,528,642, Cl. 364-900.000.
  - Waller, William G., 4,532,605, Cl. 364-900.000.
  - Wimmer, Guenther W., 4,560,998, Cl. 346-140.00R.
  - Zandonatti, Raymond A., 4,491,788, Cl. 324-72.500.
- Tekudaiya Kabushiki Kaisha: *See—*
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- Tel Data Group Limited Partnership: *See—*
  - Barnich, Richard G.; Ferguson, Michael H.; and McGregor, Charles K., 4,525,601, Cl. 179-7.0MM.
- Telander, Lee W. Pipe thread protector. 4,553,567, 11-19-85, Cl. 138-96.00T.
- Telang, Anil, to Becton, Dickinson and Company. One-piece disposable collection bag having a rigid cover for a suction canister unit. 4,516,973, 5-14-85, Cl. 604-319.000.
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  - Gerdes, Donald F.; and Telchuk, Steve E., 4,521,227, Cl. 55-225.000.
- Telco Systems, Inc.: *See—*
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- TELDEC Telefunken-Decca-Schallplatten GmbH: *See—*
  - Borchard, Heinz; Knothe, Herbert; and Rybka, Bruno, 4,515,843, Cl. 428-64.000.
  - Knothe, Herbert; and Roschmann, Klaus, 4,512,007, Cl. 369-127.000.
  - Redlich, Horst, 4,525,827, Cl. 369-72.000.
  - Redlich, Horst; and Stahlbaum, Heinz, 4,531,207, Cl. 369-173.000.
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- Teldix GmbH: *See—*
  - Auer, Werner, 4,492,131, Cl. 74-574.000.
  - Auer, Werner, 4,558,604, Cl. 74-5.440.
  - Kranz, Jakob; Kaiser, Joachim; Wiegemann, Hans-Bertram; and Baron, Klaus U., 4,556,320, Cl. 356-350.000.
- Tele-Drill, Inc.: *See—*
  - McDonald, William J.; Maurer, William C.; and Nagel, David D., 4,496,174, Cl. 285-53.000.
  - Smith, Harrison C., 4,525,715, Cl. 340-854.000.
- Tele-Lite, Inc.: *See—*
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- Telease, Inc.: *See—*
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- Telecommunications Radioelectriques et Telephoniques: *See—*
  - Guidoux, Loic B. Y., 4,549,049, Cl. 179-175.31E.
- Telecommunications Radioelectriques et Telephoniques T.R.T.: *See—*
  - Boudault, Robert, 4,516,086, Cl. 332-16.00R.
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  - Brie, Richard; and Guidoux, Loic B. Y., 4,531,220, Cl. 375-14.000.
  - Combier, Michel, 4,549,048, Cl. 179-170.200.
  - Flocon, Alain, 4,502,753, Cl. 350-96.160.
  - Raulin, Jean M.; and Bonnerot, Georges, 4,520,491, Cl. 375-27.000.
- Teleconferencing Systems International, Inc.: *See—*
  - Deinzer, Gerald J., 4,555,592, Cl. 179-2.00E.
- Telectronics Pty. Ltd.: *See—*
  - Daly, Christopher N.; and Money, David K., 4,533,988, Cl. 363-127.000.
  - Ibrahim, Ibrahim H.; and Daly, Christopher N., 4,541,431, Cl. 128-419.0PT.
  - Kelly, P. Richard; and Pedersen, John N., 4,549,546, Cl. 128-419.00F.
  - Money, David K.; Swift, Stephen; MacLaurin, Andrew; and Frost, John G., 4,509,529, Cl. 128-708.000.
  - Money, David K., 4,513,212, Cl. 307-575.000.
  - Money, David K., 4,527,133, Cl. 332-11.00D.
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  - Acker, Richard C., 4,506,693, Cl. 137-116.300.
  - Allen, Kenneth D.; Brogdon, James W.; Barton, John S.; and Hicks, Raymond J., 4,542,658, Cl. 73-862.310.
  - Cammack, Michael A.; and Smith, David W., 4,561,593, Cl. 239-600.000.
  - Cummins, William T.; and Lobdell, Wallace A., 4,546,807, Cl. 152-41.000.
  - Eucken, Craig M., 4,521,259, Cl. 148-20.300.
  - Haglund, Richard A.; and Tupack, Robert E., 4,543,677, Cl. 14-71.500.
  - Hunter, Charles L.; Fuller, Payton D.; and Mutchler, David K., 4,556,484, Cl. 210-90.000.
  - Johnson, Donald L.; and Lingenfelter, Lowell R., 4,555,152, Cl. 339-17.00L.
  - Johnson, Donald L.; and Kordis, Thomas F., 4,555,157, Cl. 339-75.0MP.
  - Kaufmann, William A., 4,540,870, Cl. 219-126.000.
  - Kerr, Ronald R., deceased; Smith, David W.; and Trenary, John M., 4,534,340, Cl. 128-66.000.
  - Leonard, John, Jr., 4,531,866, Cl. 408-158.000.
  - Miller, Robert F., 4,521,664, Cl. 219-76.140.
  - Rezy, Bernard J., 4,539,812, Cl. 60-304.000.
  - Rogo, Casimir; and Lenz, Herman N., 4,544,325, Cl. 415-150.000.
  - Rogo, Casimir; and Lenz, Herman N., 4,552,308, Cl. 239-457.000.
  - Schuler, John G.; and Lingenfelter, Lowell R., 4,511,196, Cl. 339-14.00R.
  - Stevens, Julius J., 4,506,163, Cl. 290-38.00R.
  - Stuck, Earl N.; and Zackay, Victor F., 4,539,930, Cl. 118-300.000.
  - Ward, John W., 4,509,531, Cl. 128-736.000.
  - Ward, John W., 4,515,169, Cl. 128-746.000.
  - Wilkinson, Ronald E., 4,542,719, Cl. 123-41.350.
  - Zackay, Victor F.; and Rowe, Donald R., 4,521,530, Cl. 502-218.000.
- Teledyne Republic Manufacturing: *See—*
  - Acker, Richard C., 4,538,640, Cl. 137-596.000.
- Teleflex Incorporated: *See—*
  - Bennett, William G.; and Spease, Arthur L., 4,499,785, Cl. 74-501.00R.
  - Carlson, John A., 4,547,239, Cl. 156-73.500.
  - Irvin, John E., 4,503,730, Cl. 74-566.000.
  - Mucha, Basil, 4,517,765, Cl. 49-3.000.
  - Pritchard, Robert J.; and Lindenmuth, Kevin, 4,535,260, Cl. 310-12.000.
  - Tschanz, August E.; and Geiger, Robert W., 4,509,387, Cl. 74-505.000.
- Teleflex Morse Limited: *See—*
  - Hemens, James F., 4,519,294, Cl. 91-374.000.
- Teleflora, Inc.: *See—*
  - Murray, John F., 4,521,990, Cl. 47-41.120.
- Telefonaktiebolaget LM Ericsson: *See—*
  - Andersson, Folke O. A.; and Larsson, Hakan A., 4,556,269, Cl. 339-75.00M.
  - Andersson, Hans O. V.; Rundkvist, Kjell D.; and Samsioe, Per E., 4,528,608, Cl. 361-18.000.
  - Carlqvist, Bengt R.; and Svensson, Lars T. E., 4,539,674, Cl. 370-32.000.
  - Forsberg, Gunnar; and Ingre, Lars, 4,521,920, Cl. 455-619.000.
  - Ingre, Lars P., 4,550,483, Cl. 29-416.000.
  - Jaki, Ivan, 4,539,443, Cl. 179-170.00D.
  - Johansson, Karl H.; and Severinsson, Anders S., 4,552,455, Cl. 356-5.000.
  - Josefsson, Lars G.; Svensson, Bengt T.; and Moeschlin, Lars F., 4,494,083, Cl. 333-33.000.
  - Lahti, Mauritz J. B., 4,536,872, Cl. 370-82.000.
  - Lenell, Lars A., 4,560,843, Cl. 179-170.0NC.
  - Lofmark, Bengt G., 4,498,018, Cl. 307-17.000.
  - Nilsson, Kurt A. I., 4,547,740, Cl. 330-2.000.
  - Roos, Sture G.; Fagerstedt, Nils U. H.; and Pehrson, Jens E., 4,559,624, Cl. 370-56.000.
  - Schmidt, Henning M.; Malmkvist, Hans G.; Aksberg, Arvi J.; and Johansson, Jan H., 4,542,264, Cl. 179-111.00E.
  - Sem-Sandberg, Sverre G., 4,514,841, Cl. 370-55.000.
  - Severinsson, Anders S., 4,498,180, Cl. 372-29.000.
  - Sterner, Bengt J., 4,558,407, Cl. 363-132.000.
  - Svensson, Lars T. E., 4,553,235, Cl. 370-94.000.
  - Thyni, Thomas, 4,556,971, Cl. 370-58.000.
  - Ulming, Lennart E., 4,559,969, Cl. 137-540.000.
  - Vacha, Lubos J. B.; and Lindborg, Ulf H., 4,532,160, Cl. 427-434.500.
  - Wall, Lars E.; and Jonsson, John E., 4,551,752, Cl. 358-113.000.
- Telefonbau und Normalzeit GmbH: *See—*
  - Geppert, Fritz, 4,533,793, Cl. 179-99.00R.
  - Stalzer, Kurt, 4,503,413, Cl. 336-192.000.
- Telefongyar: *See—*
  - Dozsa, Laszlo ; Pelencei, Jeno; and Somodi, Gyula, 4,548,460, Cl. 339-107.000.
- Telefunken Electronic GmbH: *See—*
  - Burgeth, Heinz; Leitner, Georg; and Wolf, Joachim, 4,558,191, Cl. 200-5.00A.
  - Colquhoun, Alexander; and Kohn, Erhard, 4,541,000, Cl. 357-15.000.
  - Gillessen, Klaus; Mischel, Peter; and Malinowski, Christopher, 4,504,740. Cl. 250-578.000.
  - Gochermann, Hans; Schmidt, Wilfried; Rasch, Klaus-Dieter; and Tentscher, Karl-Heinz, 4,540,843, Cl. 136-251.000.
  - Kohn, Erhard, 4,494,132, Cl. 357-30.000.
  - Kohn, Erhard, 4,499,651, Cl. 29-571.000.
  - Krumrein, Gerhard, 4,504,820, Cl. 340-81.00R.
  - Maier, Herbert, 4,493,143, Cl. 29-590.000.
  - Minner, Willy; Krappel, Alfred; and Guggenmos, Johannes, 4,509,482, Cl. 123-418.000.
  - Minner, Willy; Spies, Heinz-Hermann; and Domland, Christoph, 4,558,675, Cl. 123-427.000.
  - Pschunder, Willi, 4,525,594, Cl. 136-256.000.
  - Rasch, Klaus-Dieter; and Flodl, Helmut, 4,543,444, Cl. 136-256.000.
  - Rinderle, Heinz, 4,494,076, Cl. 330-284.000.

  - Rodenheber, Rainer, 4,538,572, Cl. 123-418.000.
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  - Sekiguchi, Koichi; Takematsu, Hikaru; Yamamoto, Kazuyuki; and Kubo, Teruyuki, 4,551,583, Cl. 179-99.00M.
- Teleky, Walter. Security lock box with removable key plug. 4,539,828, 9-10-85, Cl. 70-369.000.
- Telescope Folding Furniture Co. Inc., The: *See—*
  - Vanderminden, Robert D.; and Parker, Paul, 4,514,009, Cl. 297-27.000.
  - Vanderminden, Robert D., 4,541,666, Cl. 297-16.000.
- Telesis Controls Corporation: *See—*
  - Robertson, John A., 4,506,999, Cl. 400-121.000.
- Teletoken Ltd.: *See—*
  - Weinberger, Zvi, 4,505,498, Cl. 283-91.000.
- Telettra-Telefonia Elettronica e Radio S.p.A.: *See—*
  - Zingrini, Carlo; and Oreglio, Maurizio, 4,504,107, Cl. 339-125.00R.
- Teletype Corporation: *See—*
  - Hagstrom, Arthur A.; and Swanson, Carl D., 4,496,200, Cl. 312-208.000.
  - McGovern, William E.; and Tsao, Kuey Y., 4,498,767, Cl. 356-121.000.
- Telford, Peter, to Marconi Company Limited, The. Ear defenders. 4,529,057, 7-16-85, Cl. 181-129.000.
- Telford, Thomas M.; and Haase, James W., to Warn Industries, Inc. Winch power transmission. 4,545,567, 10-8-85, Cl. 254-344.000.
- Telis, Alexandr I.; Epishin, Pavel P.; Korzhov, Viktor I.; Makarov, Gennady A.; Kotlyarenko, Iosif Y.; and Grischenko, Nikolai V., to Ukrainsky Nauchno-Issledovatelsky Institut Stankov I Instrumentov. Automatic temperature control device. 4,506,143, 3-19-85, Cl. 219-497.000.
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  - Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
- Tell, Joseph M., to Carpenter Paper Company. Pollinating bag. 4,554,761, 11-26-85, Cl. 47-1.410.
- Tell, Lars E. K. A.; and Johannesson, Carl C. E., to KMW Aktiebolag. Method and apparatus for reducing the energy consumed when drying a paper web. 4,560,438, 12-24-85, Cl. 162-194.000.
- Tella, Richard P. Robotic wrist. 4,557,623, 12-10-85, Cl. 403-31.000.
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  - Fuss, Peter S.; and Kosner, Jerry J., 4,498,123, Cl. 361-427.000.
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  - Brinkwerth, Wolfgang; Huffer, Wolfgang; Raue, Roderich; Schieder, Rudolf; and Telle, Helmut, 4,551,265, Cl. 252-301.170.
- Telle, Otto: *See—*
  - Hausmann, Heinz; Niessen, Heinz J.; Telle, Otto; and Neumaier, Hermann, 4,500,348, Cl. 71-103.000.
- Teller, Aaron J., to Teller Environmental Systems, Inc. Control of dioxin emissions from incineration. 4,502,396, 3-5-85, Cl. 110-346.000.
- Teller, Cecil M., II: *See—*
  - Kwun, Hegeon; and Teller, Cecil M., II, 4,497,209, Cl. 73-601.000.
  - Moyer, Mark C.; Petersen, Clifford W.; Kusenberger, Felix N.; Perry, William D.; Balter, Floyd A.; and Teller, Cecil M., II, 4,503,393, Cl. 324-235.000.
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  - Teller, Aaron J., 4,502,396, Cl. 110-346.000.
- Tellert, Rudy, to Sachs-Systemtechnik GmbH. Automatic friction clutches and controls therefor. 4,509,625, 4-9-85, Cl. 192-0.033.
- Tellier, Jacques: *See—*
  - Bauer, Denise; Komornicki, Jacques; and Tellier, Jacques, 4,555,343, Cl. 210-643.000.
  - Delourme, Raymond; Detienne, Jean-Louis; Komornicki, Jacques; and Tellier, Jacques, 4,526,696, Cl. 252-61.000.
- Tellis, Cyril: *See—*
  - Ream, Bernard C.; and Tellis, Cyril, 4,540,552, Cl. 423-226.000.
- Tellis, Cyril B.: *See—*
  - Garska, Daniel C.; and Tellis, Cyril B., 4,499,316, Cl. 585-415.000.
- Tellkamp, Robert G.: *See—*
  - Temple, Russell A.; Wesseler, Martin G.; Harper, David C.; Eiland, Harry F.; and Tellkamp, Robert G., 4,523,837, Cl. 355-51.000.
- Tellman, Stephen J.: *See—*
  - Bower, Richard K.; and Tellman, Stephen J., 4,557,779, Cl. 156-219.000.
- Tellone, Mauro, to CSELT Centro Studi e Laboratori Telecomunicazioni S.p.A. Device for the automatic computer-control of the operation of a plurality of videorecorders. 4,516,166, 5-7-85, Cl. 360-72.100.
- Telly, Gary R.; and Telly, Scott R. Ultrasonic welding system and method employing a reduced number of power supplies. 4,549,684, 10-29-85, Cl. 228-110.000.
- Telly, Reginald O. Ball case for storing and organizing gage balls. 4,515,268, 5-7-85, Cl. 206-305.000.
- Telly, Scott R.: *See—*
  - Telly, Gary R.; and Telly, Scott R., 4,549,684, Cl. 228-110.000.
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  - Asakawa, Teruo, 4,535,278, Cl. 318-687.000.
  - Asakawa, Teruo, 4,555,650, Cl. 318-135.000.
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  - Sergio, Sala, 4,554,062, Cl. 204-206.000.
- Telpac Company Limited: *See—*
  - Glen, John D.; and Glen, Rose-Mary M., 4,554,114, Cl. 261-95.000.
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- Telschow, Jeffrey E.; and Weil, Edward D., to Stauffer Chemical Company. Preparation of substituted phthalic anhydrides. 4,560,772, 12-24-85, Cl. 549-240.000.
- Telschow, Jeffrey E., to Stauffer Chemical Company. Process for preparing substituted phthalic anhydrides. 4,560,773, 12-24-85, Cl. 549-240.000.
- Telsco Industries, Inc.: *See—*
  - Whitten, Robert E. L., Jr., 4,503,295, Cl. 200-35.00R.
- Telsonic AG fur Elektronische Entwicklung und Fabrikation: *See—*
  - Frei, Karl, 4,537,511, Cl. 366-127.000.
- Telspec Limited: *See—*
  - Hackett-Jones, Francis C.; and Kiko, Frederick H., 4,555,599, Cl. 179-170.00R.
  - Spencer, Herbert J. C., 4,527,804, Cl. 277-1.000.
- Temco Home Health Care Products, Inc.: *See—*
  - Hatala, John, 4,520,515, Cl. 4-579.000.
- Temelli, Sedat, to Vereinigte Kesselwerke AG. Garbage incinerator. 4,538,529, 9-3-85, Cl. 110-244.000.
- Temes, Gabor C.; and Martin, Kenneth W., to Regeants of University of Calif., The. Offset compensated switched capacitor circuits. 4,543,534, 9-24-85, Cl. 330-9.000.
- Temes, Steven D.: *See—*
  - Boden, Richard M.; Temes, Steven D.; Tyszkiewicz, Theodore J.; and Hanna, Marie R., 4,534,891, Cl. 252-522.00R.
- Temme, Helmut, to Gewerkschaft Eisenhutte Westfalia. Scrapers for scraper-chain conveyors. 4,505,379, 3-19-85, Cl. 198-731.000.
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- Temmesfeld, Axel: *See—*
  - Schweiger, Erwin; Starmuhler, Erwin; and Temmesfeld, Axel, 4,510,893, Cl. 123-41.020.
- Temnikov, Eduard M.: *See—*
  - Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.
- Temp Badge Security Systems, Inc.: *See—*
  - Haas, David J., 4,542,982, Cl. 355-40.000.
- Temp Tech, Inc.: *See—*
  - Anderson, John W., 4,543,471, Cl. 219-387.000.
- Tempel, Christel: *See—*
  - Nachbur, Hermann; and Tempel, Christel, 4,536,779, Cl. 346-212.000.
- Temper-Ring Equipment Corporation: *See—*
  - Rode, John E., 4,492,018, Cl. 29-437.000.
- Temperilli, Aldemio: *See—*
  - Bernardi, Luigi; Temperilli, Aldemio; Ruggieri, Daniela; Arcari, Giuliana; and Salvati, Patricia, 4,500,712, Cl. 546-67.000.
  - Salvati, Patricia; Caravaggi, Anna M.; Temperilli, Aldemio; Bosisio, Germano; Sapini, Osvaldo; and di Salle, Enrico, 4,526,892, Cl. 514-288.000.
- Temperley, Harry D.; and Joynes, Brian, to Automotive Products Limited. Hydraulic master cylinder. 4,497,175, 2-5-85, Cl. 60-581.000.
- Temple, Arthur, III: *See—*
  - Schmidt, Charles J., 4,554,958, Cl. 144-4.000.
- Temple, Carroll G.; Montgomery, John A.; and Elliott, Robert D., to Southern Research Institute. 2,4-diamino-6-(hydroxymethyl)-pyrido[2,3-d]pyrimidine. 4,526,964, 7-2-85, Cl. 544-279.000.
- Temple, Carroll G.; Montgomery, John A.; and Elliott, Robert D., to Southern Research Institute. 2-amino-4(3H)-oxopyrido[2,3-d]pyrimidino. 4,536,575, 8-20-85, Cl. 544-279.000.
- Temple, Carroll G., Jr.; Montgomery, John A.; Elliott, Robert D.; and Wheeler, Glynn P., to Southern Research Institute. Intermediate for preparing antifungal 1,2-dihydropyrido[3,4-b]-pyrazines. 4,511,721, 4-16-85, Cl. 546-308.000.
- Temple, Chester S.: *See—*
  - Hsu, Edward C.; and Temple, Chester S., 4,536,446, Cl. 428-392.000.
- Temple, Davis L., Jr.: *See—*
  - Covington, Robert R.; Temple, Davis L., Jr.; and Yevich, Joseph P., 4,491,587, Cl. 424-269.000.
  - Nair, Xina; and Temple, Davis L., Jr., 4,540,581, Cl. 514-415.000.
- Temple, John D., to ASE (UK) Limited. Adjustable seat belt anchorage. 4,508,363, 4-2-85, Cl. 280-808.000.
- Temple, Michael D.: *See—*
  - Mayer, Thomas; Temple, Michael D.; Boling, Norman L.; and Rancourt, James D., 4,492,718, Cl. 427-160.000.
- Temple, Robert E.: *See—*
  - DaSilva, Marcus K.; Whipple, David P.; and Temple, Robert E., 4,546,331, Cl. 332-19.000.
- Temple, Russell A.; Wesseler, Martin G.; Harper, David C.; Eiland, Harry F.; and Tellkamp, Robert G., to Xerox Corporation. Document handling system to enable large document copying on a standard office copier. 4,523,837, 6-18-85, Cl. 355-51.000.
- Temple, Stephen; Jones, Nigel J.; and Syrop, Alan N., to Devro, Inc. Apparatus for and method of shirring a tubular casing. 4,550,472, 11-5-85, Cl. 17-1.00R.
- Templeman, Arthur R., to Peterson Mfg. Co. Mirror assembly. 4,520,983, 6-4-85, Cl. 248-481.000.
- Templeton Coal Company, Inc.: *See—*
  - Kraft, Jack A.; and Kraft, Harold D., 4,502,342, Cl. 74-26.000.

Templeton, James H., to Texaco Development Corporation. Process for the simultaneous production of 2-(2-aminoalkoxy)alkanol and morpholine. 4,508,896, 4-2-85, Cl. 544-106.000.
Templeton, James H.: *See—*
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Templeton Kenly & Company: *See—*
Leong, David S., 4,500,072, Cl. 254-95.000.
Templin, Frank C., to Zenith Electronics Corporation. Stack memory tuning. 4,525,866, 6-25-85, Cl. 455-186.000.
Templin, Philip R.; and Fareri, Elizabeth L., to Gulf Research & Development Company. Wax-impregnated fire kindling sticks. 4,518,394, 5-21-85, Cl. 44-38.000.
Tempmaster Corporation: *See—*
Humphreys, Norman G.; and Dean, Raymond H., 4,513,574, Cl. 62-59.000.
Reese, James A.; and Dean, Raymond H., 4,500,034, Cl. 236-49.000.
Tempo, Inc.: *See—*
Pote, Robert L., Jr., 4,511,142, Cl. 273-87.400.
Tempo Sanys: *See—*
Caumont, Jean-Francois, 4,558,619, Cl. 83-685.000.
Temptronic Corporation: *See—*
Demand, Erhart E., 4,491,173, Cl. 165-11.00R.
Tenax Corporation: *See—*
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TenBarge, John S.: *See—*
Lardner, George S.; and TenBarge, John S., 4,505,312, Cl. 141-326.000.
Mackal, Glenn H.; and TenBarge, John S., 4,498,605, Cl. 222-5.000.
Tenberg, Werner; and Kolb, Gustav, to Mannesmann Aktiengesellschaft; and Kolb, Gustav. Device for measuring the level of the interface between a slag layer and a bath of molten metal in a metallurgical vessel. 4,544,140, 10-1-85, Cl. 266-99.000.
ten Broeke, Klaas E.; and Kohler, Manfred R., to American Pecco Corporation. Tower crane with overbooming protection. 4,524,874, 6-25-85, Cl. 212-197.000.
Tench, Orren K., Jr., to Canberra Industries, Inc. Convertible cryostat. 4,510,758, 4-16-85, Cl. 62-45.000.
Tencor Instruments: *See—*
Galbraith, Lee K.; and Pecen, Jiri, 4,512,659, Cl. 356-243.000.
Tencza, Thomas M.; and Patell, Mahesh K., to Bristol-Myers Company. Analgesic capsule. 4,507,276, 3-26-85, Cl. 424-37.000.
Tendler, Robert K. Wall hanger. 4,498,655, 2-12-85, Cl. 248-467.000.
Tenedini, Kenneth J.; and Sutherland, David T., to VirTis Company, Inc., The. Freeze dryer with improved temperature control. 4,547,977, 10-22-85, Cl. 34-46.000.
Ten Eyck, Monika O.; Kasprzyk, Martin R.; and Tressler, Richard E., to Kennecott Corporation. Foam semiconductor dopant carriers. 4,526,826, 7-2-85, Cl. 428-131.000.
Ten Eyck, Monika O.: *See—*
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Teng, Chuan C., to Dailey Petroleum Services Corp. Well jar incorporating elongate resilient vibration snubbers and mounting apparatus therefor. 4,498,548, 2-12-85, Cl. 175-299.000.
Teng, Clarence: *See—*
Pollack, Gordon P.; Teng, Clarence; and Hunter, William R., 4,538,343, Cl. 29-576.00W.
Teng, Clarence W.: *See—*
Slawinski, Christopher; Doering, Robert R.; and Teng, Clarence W., 4,561,172, Cl. 29-576.00W.
Teng, Daniel M., to Philip Morris Incorporated. Air-cured bright tobacco filler, blends and smoking articles. 4,516,590, 5-14-85, Cl. 131-352.000.
Teng, Edward F.: *See—*
Lin, Yeong S.; Ballard, Nathan T.; Lee, John T.; and Teng, Edward F., 4,552,820, Cl. 428-611.000.
Teng, Lin-nar L., to Research Corporation. Orally administered heparin. 4,510,135, 4-9-85, Cl. 514-56.000.
Teng, Lina C.: *See—*
Wright, George J.; and Teng, Lina C., 4,505,907, Cl. 514-210.000.
Teng, Yu-Ling; and Mayernik, Richard, to Kollmorgen Technologies Corporation. Method for depositing a metal on a surface. 4,511,597, 4-16-85, Cl. 427-53.100.
Teng, Yu-Ling; McCoy, Charles; DeFalco, Francis; and Mayernick, Richard, to Kollmorgen Technologies Corporation. Electrodeposition composition, process for providing a Zn/Si/P coating on metal substrates and articles so coated. 4,533,606, 8-6-85, Cl. 428-658.000.
Tengler, John: *See—*
Morgan, Thomas E.; and Tengler, John, 4,547,028, Cl. 339-14.00R.
Tengler, John N., to Associated Enterprises, Inc. Wire stripper and method. 4,490,908, 1-1-85, Cl. 30-90.400.
Tengzelius, Jan R.; Blande, Carl-Axel; and Svensson, Lars-Erik, to Hoganas AB. Iron or steel powder, a process for its manufacture and press-sintered products made therefrom. 4,518,427, 5-21-85, Cl. 75-251.000.
Tenhagen, Rolf: *See—*
Anderka, Gerold; and Tenhagen, Rolf, 4,549,828, Cl. 401-258.000.
Hojer, Anke; Bockmann, Jurgen; Hofmann, Harald; Mikuteit, Axel; Ritter, Hans-Joachim; and Tenhagen, Rolf, 4,548,325, Cl. 211-69.500.
Tenhover, Michael A.; Henderson, Richard S.; and Grasselli, Robert K., to Standard Oil Company (Ohio), The. Amorphous metal alloy powders and synthesis of same by solid state decomposition reactions. 4,537,624, 8-27-85, Cl. 75-0.50B.
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Tenhover, Michael A.; Henderson, Richard S.; and Grasselli, Robert K., to Standard Oil Company, The. Bulk amorphous metal alloy objects and process for making the same. 4,557,766, 12-10-85, Cl. 148-11.50P.
Tenhover, Michael A.: *See—*
Harris, Jonathan H.; Tenhover, Michael A.; Grasselli, Robert K.; and Ward, Michael D., 4,560,454, Cl. 204-128.000.
Tenjinbayashi, Koji: *See—*
Kohno, Tsuguo; Yoshida, Yoshitaro; Tenjinbayashi, Koji; and Okazaki, Yuichi, 4,561,333, Cl. 82-1.00C.
Tenma, Takumi: *See—*
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Tenn, Faozy E., to Nabisco Brands, Inc. Fruit filler for pastry products and process for its preparation. 4,562,080, 12-31-85, Cl. 426-94.000.
Tennant, Chris B.: *See—*
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Tennant, Clarence L.: *See—*
DeVall, Donald L.; DeVall, Hu D.; and Tennant, Clarence L., 4,506,501, Cl. 59-7.000.
Tennant-Company: *See—*
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Tennant Radiant Heat Limited: *See—*
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Tennant, William A.: *See—*
Kudert, Frederick G.; Latreille, Maurice G.; Tennant, William A.; and Tung, Thomas T., 4,497,621, Cl. 425-145.000.
Kudert, Frederick G.; Latreille, Maurice G.; and Tennant, William A., 4,511,528, Cl. 264-328.800.
Kudert, Frederick G.; Tennant, William A.; and Tung, Thomas T., 4,512,730, Cl. 425-130.000.
Latreille, Maurice G.; and Tennant, William A., 4,518,344, Cl. 425-570.000.
Tennant, William M.: *See—*
Flotow, Richard A.; and Tennant, William M., 4,549,643, Cl. 192-111.00A.
Tenneco Inc.: *See—*
McCoy, James J., Jr., 4,492,516, Cl. 415-53.00T.
Petrak, Harry A., 4,557,358, Cl. 192-35.000.
Tenneco Oil Company: *See—*
Silverman, Michael A., 4,534,855, Cl. 208-253.000.
Tenneco Polymers, Inc.: *See—*
Park, Im K., 4,543,289, Cl. 428-304.400.
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Jones, Thomas M.; and Kendrick, Lucian A., Jr., 4,511,388, Cl. 71-34.000.
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Moss, Robert D., 4,531,571, Cl. 165-1.000.
Shirley, Arthur R., Jr.; and Carney, Frederick T., Jr., 4,506,453, Cl. 34-12.000.
Sullivan, Jack M.; Kim, Yong K.; and Waerstad, Kjell R., 4,507,139, Cl. 71-50.000.
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Tenney, William L., to London Fog, Inc. Gas compressor. 4,536,132, 8-20-85, Cl. 417-237.000.
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Tenold, Robert A., to Cutter Laboratories, Inc. Intravenously injectable immune serum globulin. 4,499,073, 2-12-85, Cl. 424-85.000.
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Tenser, Adrian; Prizlow, Alfred J.; and Peters, Gerald I., to Global Upholstery Company Limited. Office panelling system. 4,535,577, 8-20-85, Cl. 52-221.000.
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Kurosawa, Tadashi, 4,497,313, Cl. 128-24.100.
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Hiersteiner, Walter, 4,545,521, Cl. 229-68.00R.
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Graham, Wayne B.; and Bonn, John, 4,554,743, Cl. 33-172.00R.
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  - Huwiler, Alfred; and Tenud, Leander, 4,503,234, Cl. 548-194.000.
  - Previdoli, Felix; and Tenud, Leander, 4,545,934, Cl. 260-239.00E.
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  - Kato, Hideo, 4,557,476, Cl. 272-8.00N.
  - Sugawara, Shigeru, 4,552,355, Cl. 272-8.00R.
- Tenzer, Abraham I., to Bio-Organics, Inc. Microbial plant growth promoter. 4,551,164, 11-5-85, Cl. 71-6.000.
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- Tepley, Judy M.: *See*—
  - Johnson, Carter F.; Larson, Cheryl L.; and Tepley, Judy M., 4,550,758, Cl. 160-271.000.
- Teplitz, Raymond L.: *See*—
  - Smith, Lloyd H.; and Teplitz, Raymond L., 4,493,899, Cl. 436-508.000.
- Teppichfabrik Karl Eybl Gesellschaft mbH: *See*—
  - Schmidt, Walter R., 4,490,995, Cl. 66-191.000.
- Teppichwerk Neumunster GmbH: *See*—
  - Haas, Heinz; and Struve, Klaus-Dieter, 4,554,194, Cl. 428-40.000.
- te Raa, Gerhardus A.: *See*—
  - Magendans, Frederik; te Raa, Gerhardus A.; and van Rheenen, Bernhard J. P., 4,534,993, Cl. 427-34.000.
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  - Miwa, Kiyoshi; Terabe, Mahito; Ito, Koichi; Ishida, Masaaki; Matsui, Kazuhiko; Makamori, Shigeru; and Sano, Konosuke, 4,514,502, Cl. 435-253.000.
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- Terachi, Junichi: *See*—
  - Murata, Shirou; Yoshiyasu, Hajimu; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,002, Cl. 200-144.00C.
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- Terada, Akira; and Tanoue, Yasuhiro, to Kyushu Institute of Technology. Method of producing shikonin. 4,560,511, 12-24-85, Cl. 260-396.00R.
- Terada, Akira: *See*—
  - Hoshino, Mitsutoshi; Terada, Akira; and Sugawara, Shungo, 4,529,659, Cl. 428-422.000.
- Terada, Hirokiyo: *See*—
  - Atsumi, Akira; Oguni, Kensaku; Senshu, Takao; Terada, Hirokiyo; and Yoshioka, Kazuo, 4,551,983, Cl. 62-174.000.
- Terada, Hiroshi: *See*—
  - Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, 4,491,885, Cl. 360-85.000.
  - Shibaike, Narito; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; and Zaitsu, Osamu, 4,517,613, Cl. 360-85.000.
- Terada, Isao: *See*—
  - Asaumi, Hiroshi; Take, Shigeo; Akase, Masazumi; and Terada, Isao, 4,533,581, Cl. 428-64.000.
- Terada, Matsuaki: *See*—
  - Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, 4,516,221, Cl. 364-900.000.
- Terada, Sadatugu: *See*—
  - Wada, Tsuneo; Tamaki, Kiyoshi; Murata, Hideki; Terada, Sadatugu; and Takagiwa, Hiroyuki, 4,507,378, Cl. 430-137.000.
- Terada, Sei: *See*—
  - Nishida, Toyomi; Suzuki, Takeshi; Hatamori, Takashi; and Terada, Sei, 4,504,020, Cl. 241-121.000.
- Terada, Shigeru: *See*—
  - Okamoto, Masaya; and Terada, Shigeru, 4,505,111, Cl. 60-431.000.
- Terada, Takami; Nawa, Hiroshi; and Kawamura, Reiki, to Aisin Seiki Kabushiki Kaisha; and Toyota Jidosha Kabushiki Kaisha. Seat back frame assembly for automobile seats. 4,519,650, 5-28-85, Cl. 297-452.000.
- Terada, Takami; and Harada, Kuniyoshi, to Aisin Seiki Kabushiki Kaisha. Seat structure for an automotive vehicle. 4,529,159, 7-16-85, Cl. 248-421.000.
- Terada, Takami: *See*—
  - Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, 4,537,444, Cl. 297-284.000.
- Terada, Toshimichi; Komatsu, Keiichi; Shibata, Akira; and Satoh, Kenji, to Hitachi, Ltd. Magnetic recording/reproducing apparatus. 4,497,000, 1-29-85, Cl. 360-70.000.
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- Terada, Tsutomu: *See*—
  - Yoshimura, Tatsushiro; Terada, Tsutomu; and Nakayama, Shozo, 4,503,179, Cl. 524-262.000.
- Terada, Yasuo: *See*—
  - Tomita, Takao; Akiba, Masahiro; Toyota, Hideki; and Terada, Yasuo, 4,522,029, Cl. 60-314.000.
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- Terada, Yumiko: *See*—
  - Sano, Yutaka; Iwasa, Koji; Kamamori, Hitoshi; Suginoya, Mitsuru; and Terada, Yumiko, 4,528,073, Cl. 204-15.000.
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  - Takahashi, Yukoh; Terada, Yutaka; Yachigo, Shinichi; and Ishii, Tamaki, 4,562,281, Cl. 560-104.000.
  - Yachigo, Shinichi; Ishii, Tamaki; Takahashi, Yukoh; and Terada, Yutaka, 4,525,514, Cl. 524-291.000.
- Teradata Corporation: *See*—
  - Neches, Philip M., 4,543,630, Cl. 364-200.000.
- Teradyne, Inc.: *See*—
  - Johnson, Lennart B., 4,538,866, Cl. 339-17.0LM.
- Teragakiuchi, Akira: *See*—
  - Mouri, Yasunori; Abe, Osamu; and Teragakiuchi, Akira, 4,532,593, Cl. 364-431.110.
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- Terahara, Akira; and Tanaka, Minoru, to Sankyo Company Limited. Process for preparing 3-hydroxy-ML-236B derivatives known as M-4 and M-4'. 4,537,859, 8-27-85, Cl. 435-146.000.
- Terahata, Masahiro: *See*—
  - Aoki, Haruo; and Terahata, Masahiro, 4,494,845, Cl. 354-297.000.
- Terai, Ryohei: *See*—
  - Wakabayashi, Hajimu; Terai, Ryohei; Yamanaka, Hiroshi; and Hara, Shigeo, 4,514,329, Cl. 252-629.000.
- Teraishi, Katsuhiro, to Kabushiki Kaisha Suwa Seikosha. Synthesis of beryl crystals. 4,537,653, 8-27-85, Cl. 156-620.000.
- Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, to Fujisawa Pharmaceutical Co., Ltd. Certain glycerol-phosphoryl choline derivatives, compositions containing same and method of using same. 4,493,832, 1-15-85, Cl. 424-199.000.
- Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds. 4,495,182, 1-22-85, Cl. 514-226.000.
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- Teraji, Tsutomu; Sakane, Kazuo; and Goto, Jiro, to Fujisawa Pharmaceutical Co., Ltd. Cephem compounds. 4,550,102, 10-29-85, Cl. 514-206.000.
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- Teraji, Tsutomu: *See*—
  - Kamiya, Takashi; Tanaka, Kunihiko; Teraji, Tsutomu; and Nakai, Yoshiharu, 4,506,076, Cl. 548-119.000.
- Terajima, Jiro; Suzuki, Tadahiko; and Nagasawa, Hisamichi, to Sony Corporation. Multiple switch assembly having pulsating secondary contacts. 4,531,026, 7-23-85, Cl. 200-5.00R.
- Terajima, Tsuneo: *See*—
  - Yamaguchi, Terumoto; and Terajima, Tsuneo, 4,506,722, Cl. 164-130.000.
- Terajima, Yoshimi; Akitoshi, Hiroshi; and Nagatani, Nobuaki, to Toyo Seikan Kaisha, Ltd. Bag-shaped container with a straw insert hole formed and method of producing the same. 4,553,693, 11-19-85, Cl. 229-7.00S.
- Teraki, Yoshinori: *See*—
  - Nagashima, Masayoshi; Yamane, Hiroshi; Kikkawa, Shigeru; and Teraki, Yoshinori, 4,527,172, Cl. 346-76.0PH.
- Terakura, Yukio: *See*—
  - Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, 4,503,957, Cl. 192-4.00C.
  - Ikemoto, Kazuhito; Terakura, Yukio; Miyake, Takashi; and Yamamoto, Takashi, 4,509,381, Cl. 74-413.000.
  - Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, 4,530,253, Cl. 74-440.000.
- Teramachi, Hiroshi. Linear slide bearing and linear slide table using this bearing. 4,496,196, 1-29-85, Cl. 308-6.00C.
- Teramachi, Hiroshi. Linear slide roller bearing unit. 4,505,521, 3-19-85, Cl. 308-6.00C.
- Teramachi, Hiroshi. Linear slide bearing and linear slide table unit employing the same. 4,514,018, 4-30-85, Cl. 308-6.00C.
- Teramachi, Hiroshi. Linear slide bearing. 4,515,413, 5-7-85, Cl. 308-6.00C.
- Teramachi, Hiroshi. Linear slide bearing. 4,515,416, 5-7-85, Cl. 308-6.00C.
- Teramachi, Hiroshi. Linear slide roller bearing unit. 4,518,206, 5-21-85, Cl. 308-6.00C.
- Teramachi, Hiroshi. Linear slide ball bearing and production thereof and linear slide table using this ball bearing. 4,527,841, 7-9-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Construction for adjusting clearance in linear slide bearing. 4,527,842, 7-9-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Linear slide bearing. 4,531,788, 7-30-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Rotary-to-linear converter with rolling balls, and two-speed feed mechanism incorporating the same. 4,542,661, 9-24-85, Cl. 74-424.8NA.

Teramachi, Hiroshi. Cross-linear slide bearing having reduced thickness for use in X-Y table. 4,547,024, 10-15-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Linear slide bearing. 4,549,772, 10-29-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Method of making a linear slide ball bearing. 4,551,895, 11-12-85, Cl. 29-148.40R.

Teramachi, Hiroshi. Recirculating-ball linear bearing with a guide rail. 4,553,793, 11-19-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Linear slide roller bearing unit. 4,553,794, 11-19-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Linear slide bearing and linear slide table using this bearing. 4,555,149, 11-26-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Rotary-to-linear converter with rolling balls, and feed mechanisms incorporating the same. 4,557,156, 12-10-85, Cl. 74-459.000.

Teramachi, Hiroshi. Curvilinear bearing unit. 4,557,532, 12-10-85, Cl. 308-6.00C.

Teramachi, Hiroshi. Linear slide roller bearing unit. 4,558,910, 12-17-85, Cl. 308-6.00C.

Teramachi, Kazuo: *See—*
  Kayanoki, Katsuhiko; Teramachi, Kazuo; Ono, Seigo; and Hashimoto, Yasuyuki, 4,560,054, Cl. 192-106.200.

Teramoto, Kazuyoshi: *See—*
  Tsuchihashi, Akira; and Teramoto, Kazuyoshi, 4,517,653, Cl. 364-513.000.

Teramoto, Yoshikichi: *See—*
  Nakamura, Ken'ichi; Sakagami, Teruo; Teramoto, Yoshikichi; and Obara, Hiroshi, 4,543,293, Cl. 428-421.000.
  Sakagami, Teruo; Arakawa, Noriyuki; Teramoto, Yoshikichi; and Nakamura, Kenichi, 4,554,335, Cl. 526-249.000.

Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, to Toyota Jidosha Kabushiki Kaisha; and Aisan Industry Co., Ltd. Variable venturi type carburetor. 4,500,476, 2-19-85, Cl. 261-44.00C.

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Teramura, Mitsuyoshi: *See—*
  Nakamura, Norihiko; Itou, Takaaki; Katou, Takashi; Takimoto, Masatami; and Teramura, Mitsuyoshi, 4,512,312, Cl. 123-439.000.

Teranishi, Hiroshi; Nakatsuyama, Takashi; and Inagaki, Masaomi, to Sony Corporation. Position control system. 4,549,233, 10-22-85, Cl. 360-90.000.

Teranishi, Nobukazu: *See—*
  Ishihara, Yasuo; Oda, Eiji; and Teranishi, Nobukazu, 4,527,182, Cl. 357-24.000.

Teranishi, Takao: *See—*
  Nishimura, Yutaka; Kuroiwa, Hiroshi; Oyama, Yoshishige; and Teranishi, Takao, 4,558,678, Cl. 123-494.000.

Terano, Minoru; Soga, Hirokazu; Inoue, Masuo; and Miyoshi, Katsuyoshi, to Toho Titanium Co., Ltd. Catalyst component for the polymerization of olefins and catalyst therefor. 4,547,476, 10-15-85, Cl. 502-127.000.

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Terao, Shinji; and Nishikawa, Kohei, to Takeda Chemical Industries, Ltd. Vinyl carboxylic acid derivatives, their production and use as inhibitors of thromboxane synthetase. 4,518,602, 5-21-85, Cl. 514-332.000.

Terao, Shinji; Okazaki, Hisayoshi; and Imada, Isuke, to Takeda Chemical Industries, Ltd. Benzoquinone derivatives and production thereof. 4,526,719, 7-2-85, Cl. 260-346.00R.

Terao, Shinji; Shiraishi, Mitsuru; and Kato, Kaneyoshi, to Takeda Chemical Industries, Ltd. Quinone derivatives and use. 4,533,554, 8-6-85, Cl. 514-464.000.

Teraoka, Kazuharu, to Teraoka Seikosho Co., Ltd. Printing control apparatus for a label printer, method of using the apparatus, and a label used in conjunction with the apparatus. 4,544,287, 10-1-85, Cl. 400-120.000.

Teraoka, Masanori, to Fuji Photo Film Co., Ltd. Radiation image storage panel. 4,491,736, 1-1-85, Cl. 250-484.100.

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Teraoka Seiko Co., Ltd.: *See—*
  Kawahara, Kazuto, 4,551,962, Cl. 53-131.000.
  Matsuura, Yoshikazu, 4,548,287, Cl. 177-25.000.

Teraoka Seikosho Co., Ltd.: *See—*
  Teraoka, Kazuharu, 4,544,287, Cl. 400-120.000.

Teraoka, Toru: *See—*
  Yoshida, Kenji; Nakazawa, Makoto; Shike, Toyohiko; Tomida, Masayuki; Tsuda, Masataka; and Teraoka, Toru, 4,510,154, Cl. 514-365.000.

Terasaka, Teiji: *See—*
  Ise, Masahiro; Tanaka, Hidehiko; Machino, Katsuyuki; Matsubara, Toshiyuki; and Terasaka, Teiji, 4,554,532, Cl. 340-501.000.

Terasaka, Yoshiyasu; Tanabe, Masao; and Hori, Masanori, to Chugai Ro Kogyo Co., Ltd. Apparatus for measuring thickness of paint coating. 4,549,079, 10-22-85, Cl. 250-339.000.

Terasaki, Kazunori: *See—*
  Kodama, Ikuo; Muramatsu, Shigeru; Terasaki, Kazunori; and Morita, Takayuki, 4,498,283, Cl. 57-261.000.

Terasawa, Hidenori, to Nippon Kogaku K.K. Projection lens. 4,560,243, 12-24-85, Cl. 350-469.000.

Terasawa, Hideo: *See—*
  Kikuta, Makoto; and Terasawa, Hideo, 4,539,931, Cl. 118-404.000.

Terasawa, Koji, to Canon Kabushiki Kaisha. Capping device for a multi-ink jet head. 4,492,969, 1-8-85, Cl. 346-140.00R.

Terasawa, Koji, to Canon Kabushiki Kaisha. Nozzle-restoring suction device for ink jet printer. 4,506,277, 3-19-85, Cl. 346-140.00R.

Terasawa, Koji, to Canon Kabushiki Kaisha. Inkjet printer. 4,510,510, 4-9-85, Cl. 346-140.00R.

Terasawa, Koji, to Canon Kabushiki Kaisha. Capping device for ink jet nozzle. 4,543,589, 9-24-85, Cl. 346-140.00R.

Terasawa, Koji, to Canon Kabushiki Kaisha. Suction recovery apparatus. 4,543,591, 9-24-85, Cl. 346-140.00R.

Terasawa, Koji, to Canon Kabushiki Kaisha. Ink-jet type printer and a function restoration suction device. 4,556,894, 12-3-85, Cl. 346-140.00R.

Terasawa, Michio: *See—*
  Arizono, Kenzo; Terasawa, Michio; and Nobutoki, Michiharu, 4,525,348, Cl. 424-81.000.

Terasawa, Tsuneo: *See—*
  Hosaka, Sumio; Takanashi, Akihiro; Kurosaki, Toshiei; Kuniyoshi, Shinji; Kawamura, Yoshio; and Terasawa, Tsuneo, 4,504,726, Cl. 219-121.0LH.

Terasawa, Yoshio: *See—*
  Miyata, Kenji; Terasawa, Yoshio; Oikawa, Saburo; Murakami, Susumu; and Okamura, Masahiro, 4,514,747, Cl. 357-38.000.

Terashima, Isamu: *See—*
  Tatsuno, Kimio; Saito, Susumu; Ito, Shoichi; Terashima, Isamu; Homma, Yoshifumi; Asano, Mitsugu; and Ono, Yoshifumi, 4,513,300, Cl. 346-160.000.

Terashima, Kazutaka; and Fukuda, Tsuguo, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for manufacture of III–V compound semiconducting single crystal. 4,496,424, 1-29-85, Cl. 156-601.000.

Terashima, Masami: *See—*
  Takago, Toshio; Sodeyama, Osamu; and Terashima, Masami, 4,497,943, Cl. 528-22.000.

Terashima, Masayuki: *See—*
  Ashikaga, Tadashi; and Terashima, Masayuki, 4,510,430, Cl. 318-800.000.
  Ohnishi, Kouhei; Ashikaga, Tadashi; and Terashima, Masayuki, 4,509,003, Cl. 318-800.000.

Terashima, Shiro; Tamoto, Katsumi; and Sugimori, Masamichi, to Sumitomo Chemical Company, Limited. Preparation of optically active 4-demethoxydaunomycinone. 4,495,103, 1-22-85, Cl. 260-351.100.

Terashima, Shiro; Tamoto, Katsumi; and Koga, Kenji, to Sumitomo Chemical Company, Limited. Preparation of optically active 4-demethoxydaunomycinone. 4,501,700, 2-26-85, Cl. 260-351.500.

Teratani, Tatsuo; and Kodera, Masao, to Toyota Jidosha Kabushiki Kaisha; and Nippon Soken, Inc. High frequency current inducing apparatus. 4,547,731, 10-15-85, Cl. 324-58.00R.

Teratuote Oy: *See—*
  Tuomaala, Jorma A. K., 4,524,664, Cl. 83-840.000.

Terauchi, Isamu, to Kabushiki Kaisha Kindai. Slitter device. 4,512,224, 4-23-85, Cl. 82-48.000.

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  Iimori, Takayuki; Terauchi, Kiyoshi; and Sakamoto, Seiichi, 4,492,543, Cl. 418-55.000.
  Sakamoto, Seiichi; and Terauchi, Kiyoshi, 4,512,729, Cl. 418-55.000.
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  - Nojiri, Tadao; Asada, Hiroshige; and Teraura, Nobuyuki, 4,530,110, Cl. 381-43.000.
  - Sakai, Toshiyasu; Hara, Masahiro; and Teraura, Nobuyuki, 4,538,060, Cl. 235-472.000.
- Terayama, Fusaji; Kohzai, Tetsuo; and Murai, Naoyuki, to Morita Fire Pump Mfg. Co., Ltd. Revolving block for high place working vehicle. 4,523,685, 6-18-85, Cl. 212-247.000.
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  - Fukushima, Nobuo; Kitamura, Shuji; Nakae, Kiyohiko; Kotani, Kozo; Terazawa, Takayuki; and Nakarai, Toyoaki, 4,542,061, Cl. 428-220.000.
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- Terazono, Masami: *See—*
  - Hasegawa, Mineo; Yoshida, Kazuya; Miyauchi, Sakae; and Terazono, Masami, 4,504,583, Cl. 435-206.000.
- Terbrack, William H., to Hughes Aircraft Company. Phase locked crystal oscillator implemented with digital logic elements. 4,513,255, 4-23-85, Cl. 331-1.00A.
- Terbrack, William H., to Hughes Aircraft Company. Low input voltage precision DC-to-DC voltage converter circuit. 4,542,330, 9-17-85, Cl. 323-222.000.
- Terenyi, Gyula: *See—*
  - Czegledi, Bela; Csovari, Mihaly; Erdelyi, Miklos; Illi, Jozsef; Stocker, Lajos; Szoke, Attila; Szabo nee Mogyorosi, Katalin; Riederauer, Szilard; Ormossy, Miklos; Terenyi, Gyula; and Csurgai, Istvan, 4,530,819, Cl. 423-112.000.
- Tereschenko, Lev A.: *See—*
  - Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl. 324-65.00R.
- Terhune, James H., to General Electric Company. Magnetostrictive pressure detector. 4,495,821, 1-29-85, Cl. 73-753.000.
- Terhune, James H., to General Electric Company. Method and apparatus for detecting hydrogen, oxygen and water vapor concentrations in a host gas. 4,520,654, 6-4-85, Cl. 73-24.000.
- Terhune, James H.; and Neissel, John P., to General Electric Company. Liquid level sensor. 4,521,373, 6-4-85, Cl. 376-258.000.
- Teringer, Imre: *See—*
  - Kovari, Pal; Galambos, Tibor; Bogisich, Ferenc; and Teringer, Imre, 4,553,885, Cl. 409-201.000.
- Terlecky, Boris S.: *See—*
  - Brodeur, Rene H.; and Terlecky, Boris S. 4,545,304, Cl. 105-3.000.
- Terlouw, Teunis: *See—*
  - Boom, Johannes; and Terlouw, Teunis, 4,506,704, Cl. 137-883.000.
  - Boom, Johannes; Terlouw, Teunis; and Visser, Pieter, deceased, 4,538,735, Cl. 209-691.000.
- Termet, Pierre. Apparatus with multiple propulsion charges for slaughtering animals. 4,531,322, 7-30-85, Cl. 42-1.00M.
- Terminal Data Corporation: *See—*
  - Therien, Robert D.; Langford, Forrest L.; Motamed, Armond; and Williams, Robert D., 4,498,761, Cl. 355-24.000.
- Terminal Tactics, Inc.: *See—*
  - Schaefers, Elvin J., 4,528,772, Cl. 43-54.100.
- Termine, Enrico J.; and Ginter, Sally P., to Dow Chemical Company, The. Flame retardant for use in rigid polyurethane foams. 4,511,688, 4-16-85, Cl. 524-380.000.
- Termofrost Sweden AB: *See—*
  - Lindgren, Bengt, 4,562,509, Cl. 361-104.000.
- Termolar S/A: *See—*
  - DeFreitas, Elias M., 4,506,812, Cl. 222-536.000.
- Ternan, Marten; and Parsons, Basil I., to Canada, Her Majesty the Queen in right of, as represented by the Minister of Energy and Natural Resources. High porosity catalyst. 4,558,031, 12-10-85, Cl. 502-355.000.
- Ternes, Mark P.; and Kedl, Robert J., to United States of America, Energy. Gas hydrate cool storage system. 4,540,501, 9-10-85, Cl. 252-70.000.
- Ternes, Norman A. Apparatus for producing lithographic plates. 4,529,303, 7-16-85, Cl. 355-91.000.
- Terneu, Robert: *See—*
  - Van Laethem, Robert; Van Cauter, Albert; and Terneu, Robert, 4,536,204, Cl. 65-60.400.
- Terni - Societa per l'Industria e l'Elettricita S.p.A.: *See—*
  - Marini, Paolo; and Candiotti, Marcello, 4,554,213, Cl. 428-418.000.
- Tero, Brian A., to Lintvalve Electronic Systems Limited. Apparatus for detecting leaks in steam raising boilers. 4,502,322, 3-5-85, Cl. 73-40.50A.
- Teroson GmbH: *See—*
  - Reich, Karl, 4,517,133, Cl. 260-545.00R.
  - Schenker, Achim; Schutz, Jurgen; and Schneider, Jurgen, 4,491,480, Cl. 106-90.000.
- Terp, Leslie S., to Garrett Corporation, The. Stabilization of automotive vehicle. 4,560,121, 12-24-85, Cl. 244-3.220.
- Terra, Richard F.: *See—*
  - Roth, Reinhold C.; and Terra, Richard F., 4,498,864, Cl. 432-8.000.
- Terra Technology Corp.: *See—*
  - Hernandez, E. Norman; and Hammerquist, Eric M., 4,492,918, Cl. 324-83.00R.
- Terra Tek, Inc.: *See—*
  - Jones, Arfon H.; and Cutler, Raymond A., 4,547,468, Cl. 501-33.000.
- Terradex Corporation: *See—*
  - Alter, H. Ward; and Oswald, Richard A., 4,518,860, Cl. 250-253.000.
- Terradyne Limited: *See—*
  - Roe, Jonas L., 4,516,338, Cl. 37-4.000.
- Terraillon, Marc; and Mazzucco, Daniel. Electric fabric steaming appliance having a detachable metallic sole-plate. 4,532,411, 7-30-85, Cl. 219-245.000.
- Terrana, Donald B.: *See—*
  - Folling, Norman D.; and Terrana, Donald B., 4,544,319, Cl. 414-505.000.
- Terranova, Joseph C., III: *See—*
  - Gattu, Narahari; and Terranova, Joseph C., III, 4,496,062, Cl. 212-189.000.
- Terreault, Gerard: *See—*
  - Dinh, Chom T. L.; Garceau, Roger; Pastor, Marc; and Terreault, Gerard, 4,562,470, Cl. 358-167.000.
- Terrell, Jamie B.; and Pratt, Donna K., to Gearhart Industries, Inc. Through tubing bridge plug. 4,491,178, 1-1-85, Cl. 166-192.000.
- Terrell, Jamie B.: *See—*
  - Pratt, Donna K.; and Terrell, Jamie B., 4,494,601, Cl. 166-55.000.
- Terrels, Joseph L. Paint cup for sprayer. 4,501,500, 2-26-85, Cl. 366-250.000.
- Terrenzio, Gabriel M., to Acrowood Corporation. Feed arrangement for a centrifugal rock crusher. 4,513,919, 4-30-85, Cl. 241-275.000.
- Terrier, Gerard, to Merlin Gerin. Remote controlled circuit breaker. 4,532,486, 7-30-85, Cl. 335-13.000.
- Territorialnoe Geolgicheskoe Upravlenie Tsentralnykh Raionov: *See—*
  - Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl. 324-65.00R.
- Terrones, Johnny; and Kennard, Walter E. Seismic actuated shut-off valve. 4,535,796, 8-20-85, Cl. 137-45.000.
- Terrot Strickmaschinen GmbH: *See—*
  - Schindele, Alfred; and Lotze, Herbert, 4,541,254, Cl. 66-223.000.
- Terry, David E.; and Christian, Donald K. Coin insert for vending machine. 4,546,867, 10-15-85, Cl. 194-1.00D.
- Terry, Erwin N., to Byk Gulden Lomberg Chemische Fabrik GmbH. Combining an anionic blocking agent with dyphylline. 4,535,082, 8-13-85, Cl. 514-264.000.
- Terry, F. Duncan: *See—*
  - Buck, Roy T.; Cloutier, Frank L.; Erni, R. Ernst; Low, Robert N.; and Terry, F. Duncan, 4,500,895, Cl. 346-140.00R.
  - Haag, George A.; Fogg, O. Douglas; Greenley, Gordon A.; Shepard, Steve A.; and Terry, F. Duncan, 4,495,599, Cl. 364-900.000.
- Terry, John B.: *See—*
  - Mein, Gordon F.; Terry, John B.; and Hicks, Gregory F., 4,528,676, Cl. 375-14.000.
- Terry, John F., Jr.: *See—*
  - Christine, David R.; and Terry, John F., Jr., 4,492,490, Cl. 404-108.000.
- Terry, Lynn E.; and Schoeppel, Roger J. Power cycles based upon cyclical hydriding and dehydriding of a material. 4,537,031, 8-27-85, Cl. 60-649.000.
- Terry, Peter L.: *See—*
  - Dettling, Charles J.; and Terry, Peter L., 4,505,992, Cl. 429-36.000.
  - Kaufman, Arthur; and Terry, Peter L., 4,526,843, Cl. 429-26.000.
- Terry, Reese S., Jr.: *See—*
  - Calfee, Richard V.; Bertasz, Robert N.; Terry, Reese S., Jr.; Gordon, Pat L.; and Baker, Ross G., Jr., 4,539,992, Cl. 128-419.0PG.
- Terry, Robert E.: *See—*
  - Alford, James L.; and Terry, Robert E., 4,554,552, Cl. 343-786.000.
- Terry, Robert G.: *See—*
  - Shinn, Calvin W.; and Terry, Robert G., 4,548,284, Cl. 175-346.000.
- Terry, Ruel C., to In Situ Technology, Inc. Initiating production of methane from wet coal beds. 4,544,037, 10-1-85, Cl. 166-369.000.
- Tershak, Andrew T.; and Thieneman, Michael D., to Whirlpool Corporation. Adaptive demand defrost control for a refrigerator. 4,528,821, 7-16-85, Cl. 62-153.000.
- Terskov, Alexei D.: *See—*
  - Kostylev, Alexandr D.; Syryamin, Jury N.; Smolyanitsky, Boris N.; Boginsky, Vladimir P.; and Terskov, Alexei D., 4,516,662, Cl. 173-53.000.
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  - Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.
- Terui, Masumi, to Takara Co., Ltd. Toy vehicle assembly. 4,493,672, 1-15-85, Cl. 446-464.000.
- Terui, Masumi, to Takara Co., Ltd. Miniature toy vehicle assembly. 4,496,330, 1-29-85, Cl. 446-464.000.
- Terui, Nobuhiko, to Nippon Kogaku K.K. Camera system. 4,537,488, 8-27-85, Cl. 354-402.000.
- Terui, Sadao: *See—*
  - Ono, Tetsuji; Ichihara, Shoichi; Ohata, Tomohisa; and Terui, Sadao, 4,504,598, Cl. 502-303.000.
- Terukuni, Ikuta: *See—*
  - Toshimasa, Kuroda; Akio, Kimura; Takumi, Horiuchi; Koki, Sasaki; and Terukuni, Ikuta, 4,534,164, Cl. 57-290.000.
- Terumo Corporation: *See—*
  - Isono, Keinosuke, 4,560,382, Cl. 604-408.000.

  - Shimizu, Masaki; Sudo, Tadashi; and Nomura, Takeo, 4,515,785, Cl. 424-195.100.
  - Sugisawa, Yasuhiko, 4,493,708, Cl. 604-165.000.
  - Takanashi, Nobuyasu, 4,497,406, Cl. 206-438.000.
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  - Aoyagi, Juuro; Ichikawa, Toshiji; Koide, Mikio; and Shimomura, Takeshi, 4,560,720, Cl. 524-288.000.
  - Hanzawa, Yoshiki, 4,509,943, Cl. 604-31.000.
  - Ichikawa, Toshiji; Ohhachi, Yoshinori; and Kanda, Zensho, 4,547,191, Cl. 604-251.000.
  - Ishizaka, Hideo, 4,541,734, Cl. 374-169.000.
  - Iwamoto, Tomiyuki; Hayakawa, Naoki; Honda, Haruo; and Maruyama, Teppei, 4,548,605, Cl. 604-410.000.
  - Kasai, Masaaki; Ichikawa, Toshiji; and Kosegaki, Kimiho, 4,507,415, Cl. 524-101.000.
  - Kobayashi, Susumu; Muramoto, Yutaka; Ishizaka, Hideo; and Ishii, Yoshinori, 4,556,837, Cl. 320-2.000.
  - Muramoto, Yutaka; and Ikegami, Taketoshi, 4,549,819, Cl. 374-178.000.
  - Murase, Masakazu, 4,537,518, Cl. 374-188.000
  - Murase, Masakazu, 4,559,954, Cl. 128-736.000.
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  - Shimomura, Takeshi; Yamaguchi, Shuichiro; Ushizawa, Norihiko; and Oyama, Noboru, 4,507,194, Cl. 204-435.000.
  - Shinohara, Shuichi, 4,551,138, Cl. 604-262.000.
  - Shinohara, Shuichi, 4,551,140, Cl. 604-262.000.
  - Takanashi, Nobuyasu, 4,537,305, Cl. 206-438.000.
  - Yoshida, Takao, 4,507,123, Cl. 604-408.000.
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- Tervamaki, Jukka; Fagerstedt, Mikael; Kukka, Aarre; and Kaski, Erkki, to Labsystems Oy. Pipette with adjustable volume. 4,554,134, 11-19-85, Cl. 422-100.000.
- Tervcon Limited: *See—*
  - Grewe, Gunter P., 4,507,702, Cl. 361-161.000.
- Terwedow, Henry A., Jr.: *See—*
  - Barer, Sol J.; and Terwedow, Henry A., Jr., 4,525,362, Cl. 514-712.000.
- Terwilliger, Richard A., to Diasonics, Inc. Transducer drive assembly. 4,524,623, 6-25-85, Cl. 73-633.000.
- Terwoerds, Francis J.: *See—*
  - Cochran, Stephen C.; and Terwoerds, Francis J., 4,559,846, Cl. 74-665.0GA.
- Terzian, Rouben T.; and Herbstler, Horst-Dieter, to Marvin Glass & Associates. Skating doll with legs having angled pivot axes. 4,507,098, 3-26-85, Cl. 446-288.000.
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  - Burckhardt, Christophe W.; Fournier, Jacques; and Stauber, Phillippe, 4,543,526, Cl. 324-61.00R.
- Tesar, Delbert, to University of Florida. Control-in-the-small system for precision, under load control of robot manipulator. 4,505,166, 3-19-85, Cl. 74-479.000.
- Tesch, Guenter H. Process for the preparation of fiber-reinforced flat bodies containing a hardenable binder. 4,495,235, 1-22-85, Cl. 428-137.000.
- Tesch, Gunter H. Heat pack and process for the preparation of a heat pack. 4,530,869, 7-23-85, Cl. 428-69.000.
- Tesch, Helmut; Henne, Andreas; Heym, Manfred; and Stutz, Herbert, to BASF Aktiengesellschaft. Curable epoxy resins. 4,559,398, 12-17-85, Cl. 528-94.000.
- Teschemacher, Hansjorg: *See—*
  - Brantl, Victor; Teschemacher, Hansjorg; Henschen, Agnes; and Lottspeich, Friedrich, 4,555,403, Cl. 514-17.000.
- Teschendorf, Hans-Juergen: *See—*
  - Steiner, Gerd; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Lenke, Dieter, 4,548,933, Cl. 514-255.000.
  - Treiber, Hans J.; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Traut, Martin, 4,499,087, Cl. 514-211.000.
- Tescher, Andrew G., to Compression Labs, Inc. Video bandwidth reduction system employing interframe block differencing and transform domain coding. 4,541,012, 9-10-85, Cl. 358-133.000.
- Tesco Engineering Company: *See—*
  - Miller, Sheldon M., 4,497,045, Cl. 367-78.000.
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- Teshima, Hiromi: *See—*
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- Teshima, Hiroshi: *See—*
  - Shima, Ichiji; Teshima, Hiroshi; Koizumi, Takayuki; and Usami, Teruo, 4,493,042, Cl. 364-507.000.
- Teshima, Hitoshi, to Toyota Jidosha Kabushiki Kaisha. Exhaust support system. 4,550,795, 11-5-85, Cl. 180-296.000.
- Teshima, Hitoshi: *See—*
  - Shimozi, Kozi; and Teshima, Hitoshi, 4,511,536, Cl. 422-171.000.
- Teshima, Iwao: *See—*
  - Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, 4,528,045, Cl. 148-35.000.
- Teshima, Kenzo: *See—*
  - Hatakeyama, Yoshiharu; and Teshima, Kenzo, 4,495,125, Cl. 264-132.000.
  - Hatakeyama, Yoshiharu; Ishikawa, Tatsuo; and Teshima, Kenzo, 4,518,554, Cl. 264-262.000.
- Teshima, Koichi: *See—*
  - Kanto, Masaharu; Kihara, Hisato; Teshima, Koichi; and Inaba, Michihiko, 4,558,252, Cl. 313-402.000.
- Teshima, Manami: *See—*
  - Tsuchino, Hisanori; Teshima, Manami; Takeuchi, Hiroshi; and Shimada, Fumio, 4,507,379, Cl. 430-139.000.
- Teshima, Takashi: *See—*
  - Honda, Nobuyasu; Matsui, Toshikazu; Fushida, Akira; Ikeda, Toshimitsu; Takahashi, Kenji; Fukuda, Hideo; Kamezaki, Yasushi; and Teshima, Takashi, 4,540,645, Cl. 430-122.000.
- Teshima, Toru: *See—*
  - Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased; Wada, Masami, heir; and Makuta, Yuri, heiress, 4,556,286, Cl. 350-335.000.
- Teshima, Tsunehiko: *See—*
  - Nishijima, Hideo; Fukushima, Isao; Teshima, Tsunehiko; Kobori, Yasunori; and Ito, Takayasu, 4,503,369, Cl. 318-254.000.
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  - Oono, Hiroshi; and Teshima, Tsutomu, 4,498,005, Cl. 250-327.200.
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- Teske, Lothar. Bulk-storage apparatus with unloader. 4,492,508, 1-8-85, Cl. 414-304.000.
- Teske, Lothar. Rotary arm-type unloader for bulk-storage bin. 4,496,272, 1-29-85, Cl. 414-323.000.
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  - Janda, Jiri; and Hrdlicka, Karel, 4,514,838, Cl. 369-254.000.
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- Teslenko, Leonard: *See—*
  - Hull, Richard W.; and Teslenko, Leonard, 4,519,086, Cl. 375-120.000.
- Tesmann, Holger: *See—*
  - Hempel, Hans-Ulrich; Grunert, Margarete; Tesmann, Holger; and Muller, Heinz, 4,504,410, Cl. 252-358.000.
- Tessarzik, Juergen M.; Myers, Albert; and Yuille, James D., to General Electric Company. Probe mounting system. 4,495,810, 1-29-85, Cl. 73-432.00R.
- Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, to Roussel Uclaf. 3-(1,2-propadienyl)-cyclopropane:carboxylates. 4,537,897, 8-27-85, Cl. 514-351.000.
- Tessier, Jean; Demoute, Jean-Pierre; and Cadiergue, Joseph, to Roussel Uclaf. Cyclopropane carboxylic acid derivatives. 4,556,666, 12-3-85, Cl. 514-351.000.
- Tessier, Jean: *See—*
  - Martel, Jacques; Tessier, Jean; and Demoute, Jean-Pierre, 4,500,720, Cl. 549-313.000.
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  - Martel, Jacques; Tessier, Jean; and Teche, Andre, 4,513,139, Cl. 546-196.000.
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  - Nezot, Francois; Girault, Pierre; Tessier, Jean; and Martel, Jacques, 4,501,894, Cl. 548-186.000.
- Tessitore, Pietro T. Hydroxybenzenesulfonic acid salts of 5-(o-chlorobenzyl)-4,5,6,7-tetrahydrothiene [3,2-c] pyridine useful in inhibiting blood-platelet aggregation. 4,554,278, 11-19-85, Cl. 514-301.000.
- Tessler, Martin M.; Dirscherl, Teresa A.; and Wurzburg, Otto B., to National Starch and Chemical Corporation. Sulfosuccinate, alkyl- and alkenyl sulfosuccinate, sulfomaleate, and disulfosuccinate half-esters of polygalactomannans. 4,540,778, 9-10-85, Cl. 536-114.000.
- Tessler, Moshe; Silberman, Chaim; and Zollman, Richard. Means for and processes of mounting gem stone clusters. 4,503,687, 3-12-85, Cl. 63-28.000.
- Tesson, Gerard; and Joseph, Christian, to Societe Anonyme dite: Manufacture de Produits Chimiques Protex. Epoxy resins containing as a latent catalyst/accelerator halogenobisphenates of tertiary amines. 4,499,246, 2-12-85, Cl. 525-486.000.
- Test, Dan, to C & K Components, Inc. Switch lock. 4,558,193, 12-10-85, Cl. 200-43.050.
- Test Point 1, Inc.: *See—*
  - Douglas, Bruce S.; and Westergart, Chester V., 4,538,104, Cl. 324-158.00F.

- Testa, Raymond T.: *See—*
  - Labeda, David P.; Goodman, Joseph J.; Borders, Donald B.; Testa, Raymond T.; and Martin, John H. E. J., deceased, 4,534,970, Cl. 424-122.000.
  - Lee, May D.; Martin, John H.; Borders, Donald B.; Yao, Raymond C.; and Testa, Raymond T., 4,499,075, Cl. 424-118.000.
  - Lee, May D.; Borders, Donald B.; Labeda, David P.; Fantini, Amedeo A.; and Testa, Raymond T., 4,503,044, Cl. 514-2.000.
  - Lee, Taikwang M.; Borders, Donald B.; Goodman, Joseph J.; Testa, Raymond T.; Maiese, William M.; and Labeda, David P., 4,551,533, Cl. 546-35.000.
  - Martin, John H. E. J.; Kirby, Jane P.; Borders, Donald B.; Fantini, Amedeo A.; and Testa, Raymond T., 4,552,867, Cl. 514-18.000.
- Testa, Rodolfo: *See—*
  - Nardi, Dante; Motta, Gianni; Testa, Rodolfo; Graziani, Gabriele; and Casadio, Silvano, 4,507,308, Cl. 514-313.000.
- Testamatic, Incorporated: *See—*
  - Geisel, Donald J., 4,507,605, Cl. 324-73.0PC.
  - Rogers, David P.; and Geisel, Donald J., 4,527,119, Cl. 324-158.00F.
- Testerman, Reeves E., to United States of America, Transportation. Fifth wheel lifter/protector. 4,549,747, 10-29-85, Cl. 280-446.00R.
- Testore, Guido, to ORMIG S.p.A. Mobile yard crane for handling containers. 4,519,741, 5-28-85, Cl. 414-738.000.
- Testrac, Inc.: *See—*
  - Faul, Donald; Broussard, Paul P.; and Granger, Donald W., 4,523,453, Cl. 73-40.700.
- Testud, Jean-Louis: *See—*
  - Aucel, Jean-Claude; and Testud, Jean-Louis, 4,527,231, Cl. 364-149.000.
- Testut-Aequitas: *See—*
  - Langlais, Jacques F.; and Brisset, Gilbert C., 4,531,600, Cl. 177-185.000.
- Tetenbaum, Marvin T.; and Crowley, Burlon C., to NL Industries, Inc. Water dispersible, modified polyurethane and a thickened aqueous composition containing it. 4,499,233, 2-12-85, Cl. 524-591.000.
- Tetenborg, Konrad; and Eschmann, Heinz, to Windmoller & Holscher. Bag-filling apparatus. 4,537,013, 8-27-85, Cl. 53-570.000.
- Tetra Pak Developpement S.A.: *See—*
  - Cheever, Richard N., 4,496,881, Cl. 315-357.000.
  - Jacobsson, Kenth, 4,522,305, Cl. 206-632.000.
  - Nilsson, Erling I., 4,559,257, Cl. 428-152.000.
  - Rausing, Anders R., 4,512,838, Cl. 156-203.000.
  - Rausing, Anders R.; and Nilsson, Erling I., 4,557,888, Cl. 264-230.000.
  - Rausing, Hans, 4,512,832, Cl. 156-86.000.
  - Rausing, Hans; and Rauser, Marita, 4,560,570, Cl. 426-564.000.
  - Rausing, Hans A., 4,560,567, Cl. 426-399.000.
  - Reil, Wilhelm; Deutschbein, Ulrich; and Wallich, Manfred, 4,525,318, Cl. 264-259.000.
  - Reil, Wilhelm, 4,526,314, Cl. 229-3.100.
  - Reil, Wilhelm, 4,546,592, Cl. 53-373.000.
  - Reil, Wilhelm, 4,548,110, Cl. 83-176.000.
- Tetra Pak International AB: *See—*
  - Andersson, Thorbjorn, 4,534,248, Cl. 83-24.000.
  - Bernle, Gote L., 4,493,687, Cl. 493-310.000.
  - Cetrelli, Renato, 4,559,259, Cl. 428-167.000.
  - Hilmersson, Anders; Lagerstedt, Jan; and Andersson, Helge, 4,512,935, Cl. 261-79.00A.
  - Jarund, Erik, 4,512,472, Cl. 206-443.000.
  - Lagerstedt, Jan. E. R.; and Andersson, Helge, 4,559,068, Cl. 55-399.000.
  - Lothman, Stig A., 4,510,732, Cl. 53-168.000.
  - Nilsson, Thorsten, 4,534,498, Cl. 226-181.000.
  - Ott, Horst, 4,528,803, Cl. 53-563.000.
  - Palm, Lars-Erik, 4,524,565, Cl. 53-449.000.
  - Rauser, Jan A. I.; and Cetrelli, Renato, 4,511,078, Cl. 229-17.00R.
  - Rausing, Hans A., 4,541,463, Cl. 141-147.000.
  - Stark, Sven O. S.; and Andersson, Lars-Olof, 4,544,093, Cl. 229-43.000.
  - Tsubota, Nobutaka, 4,535,584, Cl. 53-128.000.
  - Viberg, Rolf; Harrysson, Goran; and Kjelgaard, Tom, 4,495,016, Cl. 156-152.000.
- Tetra Systems, Inc.: *See—*
  - Grubb, James R., 4,502,733, Cl. 299-2.000.
  - Hutchins, John S.; and DeFours, Mervyn A., 4,495,992, Cl. 166-250.000.
- Tetra Tech, Inc.: *See—*
  - Braun, Steve W., 4,554,511, Cl. 330-9.000.
- Tetragenics, Inc.: *See—*
  - Cookson, John A.; Schatzka, Richard L.; Echard, Richard A.; and Scheer, Gary W., 4,551,718, Cl. 340-825.160.
- Tetrahedron Associates, Inc.: *See—*
  - Noto, Vincent H.; and Yalof, Stanley, 4,543,147, Cl. 156-288.000.
  - Yalof, Stanley; and Van Doren, Lawrence, 4,491,027, Cl. 73-862.520.
- Tetras S.A.: *See—*
  - Hoffman, Lionel B., 4,536,075, Cl. 355-3.0DD.
- Tetrault, Leonard P.: *See—*
  - Rossi, Vince; Miller, James R.; Tetrault, Leonard P.; and Tripodi, Robert R., 4,505,426, Cl. 236-47.000.
- Tetravalent Inc.: *See—*
  - Sweeney, Charles T.; and Bird, John K., 4,496,441, Cl. 204-98.000.
- Tetro, Roland G., to Delaval Turbine Inc. Flexible means for measuring liquid level. 4,536,660, 8-20-85, Cl. 307-118.000.
- Tetsudo Kizai Kogyo Company Limited: *See—*
  - Matsuo, Yoshio; and Matsubara, Kentaro, 4,505,428, Cl. 238-349.000.
- Tetsuishi, Yoshinori: *See—*
  - Matsuda, Naotoshi; Tetsuishi, Yoshinori; and Higuchi, Kazuaki, 4,512,912, Cl. 252-301.60S.
- Tetsuo Shoji: *See—*
  - Takahashi, Hideaki; Shoji, Tetsuo; Saitoh, Kiyoshi; Muramatsu, Masamitsu; and Kimura, Kazushige, 4,518,464, Cl. 204-1.00T.
- Tetsuta, Setsuya: *See—*
  - Najima, Tetsuo; Tetsuta, Setsuya; Sawata, Yukitaka; and Yamagishi, Masahiro, 4,508,620, Cl. 209-500.000.
- Tetsutani, Nobuji: *See—*
  - Ochi, Hiroshi; and Tetsutani, Nobuji, 4,547,811, Cl. 358-280.000.
- Tetsutani, Takashi: *See—*
  - Imamura, Tetsuya; Takeuchi, Takashi; Tetsutani, Takashi; and Yasuda, Shinichiro, 4,530,894, Cl. 430-106.600.
- Tetsuya, Iwao; Reiji, Hirai; and Yoshinori, Ashida, to Mitsui Toatsu Chemicals, Inc. Process for preparing silicon hydrides. 4,542,005, 9-17-85, Cl. 423-347.000.
- Tettke, Wolfgang: *See—*
  - Tamm, Franz; Horicke, Bernhard; Welfle, Kurt; Seidel, Michael; Tettke, Wolfgang; and Luckfiel, Karl-Heinz, 4,551,183, Cl. 148-12.00R.
- Tetzlaff, Arno: *See—*
  - Boll, Rudi; Tetzlaff, Arno; and Steidle, Gerhard, 4,526,427, Cl. 312-111.000.
- Teubel, Johannes: *See—*
  - Kinder, Reiner; Teubel, Johannes; Schuster, Herbert; and Fanslau, Christine, 4,544,650, Cl. 502-424.000.
- Teubner, Herbert; Kramer, Axel; Weuffen, Wolfgang; Schrotter, Eberhard; and Grubel, Gerhard, to VEB Jenapharm. Antimicrobially effective derivatives of phenol and methods for their production. 4,532,367, 7-30-85, Cl. 568-745.000.
- Teuling, Dirk J. A., to U.S. Philips Corporation. Circuit for generating a sawtooth-shaped current. 4,513,228, 4-23-85, Cl. 315-408.000.
- Teuling, Dirk J. A., to U.S. Philips Corporation. Circuit for simultaneous cut-off of two series connected high voltage power switches. 4,540,933, 9-10-85, Cl. 323-271.000.
- Teulings, Wilhelmus A., to Hollandse Signaalapparaten B.V. Radar systems employing two kinds of pulses. 4,524,361, 6-18-85, Cl. 343-17.2PC.
- Teumer, Henry E. Top-entry check valve. 4,508,139, 4-2-85, Cl. 137-315.000.
- Teumer, Roger G.; and Attridge, David M., to Xerox Corporation. Inverter-reverser for a reproduction machine. 4,493,483, 1-15-85, Cl. 271-186.000.
- Teuscher, Othmar: *See—*
  - Bisquolm, Werner; Burki, Jorg; and Teuscher, Othmar, 4,513,480, Cl. 19-113.000.
- Teutelink, Bernard C.: *See—*
  - Raisin, Helmut; and Teutelink, Bernard C., 4,553,976, Cl. 8-639.000.
- Teutsch, Jean G.; Deraedt, Roger; and Benzoni, Josette, to Roussel Uclaf. Steroids. 4,515,787, 5-7-85, Cl. 514-180.000.
- Teutsch, Jean G.; Costerousse, Germain; Philibert, Daniel; and Deraedt, Roger, to Roussel Uclaf. Steroids. 4,519,946, 5-28-85, Cl. 260-239.55R.
- Teutsch, Jean G.: *See—*
  - Philibert, Daniel; Teutsch, Jean G.; Costerousse, Germain; and Deraedt, Roger, 4,540,686, Cl. 514-179.000.
- Teutsch, Jean-Georges; Torelli, Vesperto; Deraedt, Roger; and Philibert, Daniel, to Roussel Uclaf. Novel 11β-substituted-19-nor-steroids. 4,547,493, 10-15-85, Cl. 514-179.000.
- Teva Pharmaceutical Industries Ltd.: *See—*
  - Sulitzeanu, Bernard, 4,508,829, Cl. 436-510.000.
- te Velde, Ties S., to U.S. Philips Corporation. Passive display device. 4,519,676, 5-28-85, Cl. 350-269.000.
- te Velde, Ties S.; and Slob, Arie, to U.S. Philips Corporation. Programmable semiconductor device and method of manufacturing same. 4,528,583, 7-9-85, Cl. 357-71.000.
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- te Velde, Ties S., to U.S. Philips Corporation. Method of manufacturing a wiring system. 4,561,173, 12-31-85, Cl. 29-577.00C.
- Tevopharm Schiedam B.V.: *See—*
  - Van Maanen, Johannes D., 4,561,237, Cl. 53-548.000.
- Tew, Sydney K.; and Bauer, Dan O. Direct drive servovalve and fuel control system incorporating same. 4,530,487, 7-23-85, Cl. 251-138.000.
- Tewari, Krishna: *See—*
  - Bronfenbrenner, James C.; Foster, Edward P.; and Tewari, Krishna, 4,555,248, Cl. 44-78.000.
- Tewari, Krishna C.; and Foster, Edward P., to International Coal Refining Company. SRC residual fuel oils. 4,547,201, 10-15-85, Cl. 44-51.000.
- Tewes, Udo; and Roeschlein, Rolf, to Nixdorf Computer AG. Circuit carrier connector. 4,542,949, 9-24-85, Cl. 339-75.00M.
- Tewes, Udo: *See—*
  - Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,497,588, Cl. 400-645.100.
  - Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, 4,504,161, Cl. 400-605.000.
- Tewfik, Farouk F. Liquid volume indicator. 4,549,164, 10-22-85, Cl. 340-59.000.

- Tewksbury, Ted L.: *See—*
  - Attia, Yosry A.; and Tewksbury, Ted L., 4,512,879, Cl. 209-3.000.
- Tews, Paul: *See—*
  - Pavelic, Vjekoslav; and Tews, Paul, 4,561,914, Cl. 148-26.000.
- Tex-Tech Industries: *See—*
  - Leunig, Carl V.; and Susi, Michael F., 4,524,614, Cl. 73-147.000.
- Texaco Canada Resources Ltd.: *See—*
  - Bialek, Rene F., 4,498,958, Cl. 196-46.000.
  - Toma, Petre; Redford, David A.; Livesey, Declan B.; and Coates, Roy M., 4,532,994, Cl. 166-303.000.
- Texaco Development Corporation: *See—*
  - Jahnke, Frederick C.; and Crouch, William B., 4,533,363, Cl. 48-197.00R.
  - Jahnke, Frederick C., 4,547,145, Cl. 431-76.000.
  - Jahnke, Frederick C., 4,547,203, Cl. 48-197.00R.
  - Knifton, John F., 4,540,810, Cl. 560-226.000.
  - Reich, Erwin A., 4,494,963, Cl. 48-69.000.
  - Seufert, Frederick B., 4,523,986, Cl. 208-10.000.
  - Seufert, Frederick B., 4,526,676, Cl. 208-58.000.
  - Suggitt, Robert M., 4,532,227, Cl. 502-180.000.
  - Templeton, James H., 4,508,896, Cl. 544-106.000.
- Texaco Inc.: *See—*
  - Alexander, David C.; Knifton, John F.; and Unvert, Susan D., 4,503,217, Cl. 528-392.000.
  - Alexander, David C.; and Knifton, John F., 4,511,740, Cl. 568-454.000.
  - Ang, Peter G. P.; and Sammells, Anthony F., 4,523,981, Cl. 204-72.000.
  - Arnold, Dan M., 4,501,964, Cl. 250-270.000.
  - Ashrawi, Samir S.; and Prukop, Gabriel, 4,559,148, Cl. 252-8.55D.
  - Bordages, John W., 4,499,799, Cl. 81-446.000.
  - Brennan, Michael E., 4,500,655, Cl. 521-163.000.
  - Brennan, Michael E.; and Speranza, George P., 4,506,090, Cl. 560-91.000.
  - Brennan, Michael E.; Templeton, James H.; and Yeakey, Ernest L., 4,547,591, Cl. 564-479.000.
  - Brown, Alfred; Grimm, Henry J.; and Sustek, Alvin J., Jr., 4,491,180, Cl. 166-272.000.
  - Brown, Alfred; Huang, Wann-Sheng; and Shum, Yick-Mow, 4,495,994, Cl. 166-261.000.
  - Brown, Alfred; Huang, Wann-Sheng; and Shum, Yick-Mow, 4,535,845, Cl. 166-272.000.
  - Burns, Simon P.; Walton, John M.; and McEntire, Edward E., 4,552,958, Cl. 544-177.000.
  - Chafetz, Harry, 4,532,058, Cl. 252-51.50A.
  - Chou, Kechia J.; and Valkovich, Phillip B., 4,510,063, Cl. 252-51.50R.
  - Crone, John M., Jr.; Kuhlmann, Erven J.; and McMahon, Matthew A., 4,553,499, Cl. 118-428.000.
  - Curran, Paul F.; and Marshall, Hubert T., II, 4,524,615, Cl. 73-181.000.
  - Cuscurida, Michael; Waddill, Harold G.; and Peterson, Bruce W., 4,518,720, Cl. 521-156.000.
  - Cuscurida, Michael, 4,518,778, Cl. 544-398.000.
  - Cuscurida, Michael; and Peterson, Bruce W., 4,521,572, Cl. 525-507.000.
  - Cuscurida, Michael; and Klein, Howard P., 4,523,025, Cl. 560-26.000.
  - Cuscurida, Michael; and Speranza, George P., 4,525,488, Cl. 521-164.000.
  - Cuscurida, Michael; and Waddill, Harold G., 4,535,133, Cl. 525-504.000.
  - Cuscurida, Michael, 4,535,189, Cl. 568-620.000.
  - Cuscurida, Michael; Yeakey, Ernest L.; and Peterson, Bruce W., 4,539,339, Cl. 521-137.000.
  - Cuscurida, Michael; and Yeakey, Ernest L., 4,539,378, Cl. 525-407.000.
  - Darden, Jerome W., 4,561,990, Cl. 252-75.000.
  - Davis, Lorne A., Jr.; and Haskin, Helen K., 4,519,982, Cl. 422-68.000.
  - Davis, Lorne A., Jr., 4,543,821, Cl. 73-153.000.
  - Davis, Lorne A., Jr.; and Haskin, Helen K., 4,560,002, Cl. 166-252.000.
  - Davis, Marshall E.; and Sung, Rodney L., 4,561,861, Cl. 44-51.000.
  - Day, Frederic F.; Powers, William J., III; Ewen, Eric D.; and Piper, Gerald L., 4,548,754, Cl. 260-410.90R.
  - Dominguez, Richard J. G.; McEntire, Edward E.; and Naylor, Carter G., 4,499,254, Cl. 528-49.000.
  - Dominguez, Richard J. G., 4,513,133, Cl. 528-49.000.
  - Dominguez, Richard J. G.; and Cuscurida, Michael, 4,521,581, Cl. 528-57.000.
  - Dowling, Donald J.; Richter, Albert P., Jr.; Warren, Wayne F.; and Arnold, Dan M., 4,495,805, Cl. 73-155.000.
  - Duranleau, Roger G.; and Lambert, Clifford L., Jr., 4,529,822, Cl. 564-132.000.
  - Elattar, Azza A., 4,515,901, Cl. 502-63.000.
  - Elattar, Azza A., 4,545,797, Cl. 65-19.000.
  - Espedal, Michael L., 4,527,997, Cl. 48-86.00R.
  - Frazier, Terry L.; Grimm, Henry J.; Rooney, John F.; Allen, Richard S.; Brown, Alfred; and Mims, Donald S., 4,501,325, Cl. 166-250.000.
  - Grigsby, Robert A., Jr.; Speranza, George P.; Brennan, Michael E.; and Yeakey, Ernest L., 4,536,522, Cl. 521-172.000.
  - Grigsby, Robert A., Jr.; and Knifton, John F., 4,558,072, Cl. 518-701.000.
  - Haag, James W., 4,533,374, Cl. 62-18.000.
  - Hawkins, Jeffrey T.; and Gassmann, Zean Z., 4,540,049, Cl. 166-272.000.
  - Headley, James A., 4,554,080, Cl. 252-8.50A.
  - Helms, David A.; Hatton, Gregory J.; and Williams, Thomas M., 4,499,418, Cl. 324-58.50A.
  - Hermes, Chester E.; and Huang, Wann-Sheng, 4,515,215, Cl. 166-272.000.
  - Higgs, Kenneth O.; and Everett, Jimmy D., 4,559,811, Cl. 73-59.000.
  - Howlett, Donald L.; Meyer, Herbert J.; and Zimmer, Stanley F., 4,528,650, Cl. 367-79.000.
  - Huang, Wann-Sheng; Gassmann, Zean Z.; Hawkins, Jeffrey T.; Schievelbein, Vernon H.; and Hall, Wilbur L., 4,540,050, Cl. 166-272.000.
  - Huang, Wann-Sheng; and Brown, Alfred, 4,553,595, Cl. 166-278.000.
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  - Jahnke, Frederick C.; Crouch, William B.; and Gulko, George M., 4,502,869, Cl. 48-197.00R.
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  - Karol, Thomas J.; and Sung, Rodney L., 4,501,597, Cl. 44-63.000.
  - Karol, Thomas J., 4,521,318, Cl. 252-46.700.
  - Karol, Thomas J.; Sung, Rodney L.; and Kaufman, Benjamin J., 4,548,724, Cl. 252-51.50A.
  - Karol, Thomas J.; and Magaha, Harold S., 4,554,086, Cl. 252-49.600.
  - Kaufman, Benjamin J.; and Sung, Rodney L., 4,496,368, Cl. 44-63.000.
  - Kaufman, Benjamin J.; Liu, Christopher S.; and Sung, Rodney L., 4,500,440, Cl. 252-51.50A.
  - Kaufman, Benjamin J.; and Sung, Rodney L., 4,508,541, Cl. 44-71.000.
  - Knifton, John F., 4,518,715, Cl. 518-700.000.
  - Knifton, John F.; and Alexander, David C., 4,543,411, Cl. 544-178.000.
  - Knifton, John F., 4,554,383, Cl. 568-428.000.
  - Knifton, John F., 4,556,734, Cl. 564-132.000.
  - Koog, Wolfgang; and Estabrook, Lawrence E., 4,525,176, Cl. 48-197.00R.
  - Kuhlmann, Erven J., 4,551,224, Cl. 208-10.000.
  - Kuntschik, Lawrence F.; and Dowe, Claudia L., 4,543,199, Cl. 252-75.000.
  - Lambert, Clifford L., Jr.; and Duranleau, Roger G., 4,510,326, Cl. 564-132.000.
  - Larkin, John M.; Yeakey, Ernest L.; and Watts, Lewis W., Jr., 4,540,821, Cl. 564-473.000.
  - Larkin, John M., 4,552,862, Cl. 502-306.000.
  - Lewis, Paul H., 4,536,486, Cl. 502-74.000.
  - Lin, Jiang-Jen; and Duranleau, Roger G., 4,519,956, Cl. 260-549.000.
  - Lin, Jiang-Jen; and Knifton, John F., 4,525,481, Cl. 518-700.000.
  - Lin, Jiang-Jen; and Sanderson, John R., 4,526,992, Cl. 549-430.000.
  - Lin, Jiang-Jen; and Knifton, John F., 4,529,808, Cl. 549-475.000.
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  - Lin, Jiang-Jen; and Brader, Walter H., Jr., 4,533,756, Cl. 568-454.000.
  - Lin, Jiang-Jen; and Alexander, David C., 4,536,604, Cl. 585-601.000.
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  - Lin, Jiang-Jen, 4,554,374, Cl. 560-204.000.
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  - Litzinger, Ronald L., 4,526,679, Cl. 209-3.000.
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  - Looney, Mark D.; and Savage, Kerry D., 4,553,592, Cl. 166-248.000.
  - Lu-Dai Sung, Rodney; Sweeney, William M.; and Zoleski, Benjamin H., 4,514,311, Cl. 252-32.500.
  - MacLean, John P.; Bittensky, Joel S.; and Colvert, James H., 4,539,303, Cl. 502-39.000.
  - Maddox, Jim, Jr., 4,513,820, Cl. 166-266.000.
  - Maddox, Jim, Jr., 4,516,635, Cl. 166-266.000.
  - Maddox, Jim, Jr.; and Schievelbein, Vernon H., 4,518,038, Cl. 166-266.000.
  - McCoy, David R., 4,491,538, Cl. 252-541.000.
  - McCoy, David R.; and Naylor, Carter G., 4,524,023, Cl. 252-548.000.
  - McCoy, David R.; and Naylor, Carter G., 4,558,159, Cl. 564-233.000.
  - McDaniel, Kenneth G., 4,499,264, Cl. 536-50.000.
  - McEntire, Edward E.; Sellstrom, Kathy B.; Nieh, Edward C. Y.; and Livingston, David R., 4,492,801, Cl. 564-135.000.
  - McEntire, Edward E.; Neville, Gordon H.; and Nieh, Edward C. Y., 4,547,304, Cl. 252-79.100.
  - McEntire, Edward E.; Knifton, John F.; Nieh, Edward C. Y.; and Sellstrom, Kathy B., 4,549,017, Cl. 544-168.000.
  - McEntire, Edward E., 4,552,957, Cl. 544-177.000.
  - Mead, Theodore C.; and Wright, James H., 4,504,376, Cl. 208-25.000.
  - Meador, Richard A., 4,514,693, Cl. 324-338.000.
  - Mims, Donald S.; and Allen, Richard S., 4,508,172, Cl. 166-303.000.
  - Mims, Donald S., 4,511,000, Cl. 166-303.000.

Mims, Donald S.; and Widmyer, Richard H., 4,532,986, Cl. 166-50.000.
Mims, Donald S.; and Frazier, Terry L., 4,542,993, Cl. 374-42.000.
Morduchowitz, Abraham; and Yaghmaie, Farrokh, 4,541,937, Cl. 252-8.55D.
Morduchowitz, Abraham; and Sammells, Anthony F., 4,560,450, Cl. 204-75.000.
Morris-Sherwood, Betty J.; Brink, Edward C., Jr.; McCoy, David R.; and McEntire, Edward E., 4,548,726, Cl. 252-75.000.
Morris-Sherwood, Betty J.; and Brink, Edward C., Jr., 4,552,686, Cl. 252-392.000.
Mott, George E.; and Levert, Frederick J., Jr., 4,519,725, Cl. 405-195.000.
Mourao, Antonio M.; and Faist, Clifford H., 4,522,631, Cl. 44-57.000.
Mourao, Antonio M., 4,549,884, Cl. 44-57.000.
Naylor, Carter G.; and McCoy, David R., 4,507,211, Cl. 252-8.55D.
Naylor, Carter G., 4,524,022, Cl. 252-548.000.
Niccum, Phillip K.; and Bunn, Dorrance P., Jr., 4,514,285, Cl. 208-148.000.
Paap, Hans J.; and Smith, Harry D., Jr., 4,524,272, Cl. 250-265.000.
Paap, Hans J., 4,539,847, Cl. 73-579.000.
Pehler, Rebecca C. C.; Whiteman, James R.; and Witte, Arnold C., Jr., 4,536,308, Cl. 252-32.70E.
Powell, Justin C.; and Levine, Stephen A., 4,495,077, Cl. 252-51.50A.
Powell, Justin C., 4,496,746, Cl. 549-255.000.
Renken, Terry L.; and Sanderson, John R., 4,532,324, Cl. 544-106.000.
Richter, Albert P., Jr.; Campsey, Ronald L.; Paap, Hans J.; and Bussian, Alfred E., 4,514,627, Cl. 250-255.000.
Richter, Albert P., Jr.; and Peelman, Harold E., 4,517,459, Cl. 250-261.000.
Rome, Gerald F.; and Lankford, Frank L., Jr., 4,524,952, Cl. 254-269.000.
Rowe, Edward H.; and Parcell, Lloyd J., 4,510,057, Cl. 210-612.000.
Rundell, Herbert A.; and Savage, Kerry D., 4,513,815, Cl. 166-57.000.
Rundell, Herbert A., 4,527,818, Cl. 285-174.000.
Rundell, Herbert A., 4,533,162, Cl. 285-27.000.
Rutherford, David A.; and Albers, Gerard P., 4,527,928, Cl. 405-211.000.
Sammells, Anthony F.; and Pa Ang, Peter G., 4,545,872, Cl. 204-72.000.
Sanderson, John R.; Watts, Lewis W., Jr.; and Renken, Terry L., 4,517,374, Cl. 549-533.000.
Sanderson, John R.; Watts, Lewis W., Jr.; Vanderpool, Steven H.; and Renken, Terry L., 4,521,609, Cl. 549-533.000.
Sanderson, John R.; and Watts, Lewis W., Jr., 4,528,396, Cl. 560-256.000.
Sanderson, John R.; Keating, Kenneth P.; Marquis, Edward T.; and Vanderpool, Steven H., 4,547,598, Cl. 568-922.000.
Sanderson, John R.; Yeakey, Ernest L.; and Lin, Jiang-Jen, 4,554,364, Cl. 549-453.000.
Sanderson, John R.; Nieh, Edward C. Y.; and Watts, Lewis W., Jr., 4,556,730, Cl. 560-256.000.
Savage, Kerry D., 4,524,826, Cl. 166-248.000.
Sayles, Scott M.; and Castagnos, Leonce F., Jr., 4,556,542, Cl. 422-147.000.
Schlicht, Raymond C.; and Skrobul, Anthony P., 4,512,903, Cl. 252-51.50A.
Schlicht, Raymond C., 4,525,288, Cl. 252-32.70E.
Schlicht, Raymond C., 4,559,152, Cl. 252-32.70E.
Schlinger, Warren G., 4,491,456, Cl. 48-197.00R.
Sellstrom, Kathy B.; and Speranza, George P., 4,514,530, Cl. 523-456.000.
Sellstrom, Kathy B.; and Waddill, Harold G., 4,552,933, Cl. 525-454.000.
Smith, Harry D., Jr.; and Schultz, Ward E., 4,492,864, Cl. 250-259.000.
Speranza, George P.; and Grigsby, Robert A., Jr., 4,503,197, Cl. 525-437.000.
Speranza, George P.; and Grigsby, Robert A., Jr., 4,526,972, Cl. 546-191.000.
Speranza, George P.; and Cuscurida, Michael, 4,528,112, Cl. 252-182.000.
Speranza, George P.; Cuscurida, Michael; and Dominguez, Richard J. G., 4,540,768, Cl. 528-79.000.
Stellaccio, Robert J., 4,525,175, Cl. 48-86.00R.
Stevenson, John S., 4,549,886, Cl. 48-197.00R.
Stevenson, John S., 4,557,403, Cl. 222-252.000.
Stipanovic, Arthur J., 4,548,268, Cl. 166-270.000.
Sung, Rodney L.; and Karol, Thomas J., 4,501,595, Cl. 44-5[illegible].000.
Sung, Rodney L., 4,504,278, Cl. 44-53.000.
Sung, Rodney L., 4,505,717, Cl. 44-53.000.
Sung, Rodney L.; Zoleski, Benjamin H.; Herbstman, Sheldon; and Dorn, Peter, 4,505,835, Cl. 252-51.50A.
Sung, Rodney L.; Kaufman, Benjamin J.; and Dorn, Peter, 4,518,782, Cl. 548-353.000.
Sung, Rodney L.; Sweeney, William M.; and Kaufman, Benjamin J., 4,530,802, Cl. 260-925.000.
Sung, Rodney L.; and Karol, Thomas J., 4,533,361, Cl. 44-73.000.
Sung, Rodney L., 4,536,189, Cl. 44-56.000.
Sung, Rodney L.; and Davis, Marshall E., 4,548,616, Cl. 44-77.000.
Sung, Rodney L., 4,551,152, Cl. 44-78.000.
Sung, Rodney L.; Zoleski, Benjamin H.; Sweeney, William M.; and Crawford, Wheeler C., 4,557,848, Cl. 252-51.50R.
Sweeney, William M., 4,539,013, Cl. 44-56.000.
Sweeney, William M., 4,539,014, Cl. 44-56.000.
Unvert, Susan D.; Vanderpool, Steven H.; and Knifton, John F., 4,550,209, Cl. 564-479.000.
Valone, Frederick W.; and Rutledge, Joseph, 4,499,006, Cl. 252-392.000.
Vanderpool, Steven H., 4,524,143, Cl. 502-208.000.
Vanderpool, Steven H., 4,540,822, Cl. 564-479.000.
Vanderpool, Steven H., 4,555,582, Cl. 564-479.000.
Vasconcellos, Stephen R.; Yaghmaie, Farrokh; and Howe, Paul E., 4,525,280, Cl. 210-728.000.
Vuong, Dinh-Cuong, 4,500,324, Cl. 48-197.00R.
Waddill, Harold G.; and Schulze, Heinz, 4,518,749, Cl. 525-504.000.
Waddill, Harold G., 4,528,308, Cl. 523-466.000.
Waddill, Harold G., 4,528,345, Cl. 525-523.000.
Waddill, Harold G., 4,533,719, Cl. 528-111.000.
Walker, Clarence O., 4,494,610, Cl. 166-301.000.
Whiteman, James R.; Edwards, Robert S.; and Perciful, Jerry C., 4,505,832, Cl. 252-42.100.
Wiechel, John F.; French, Charles R.; and Hall, Wilbur L., 4,494,605, Cl. 166-288.000.
Yaghmaie, Farrokh; and McKeon, Ronald J., 4,502,868, Cl. 44-51.000.
Yeakey, Ernest L.; and Watts, Lewis W., Jr., 4,536,600, Cl. 564-153.000.
Yeakey, Ernest L.; and Sanderson, John R., 4,550,184, Cl. 549-453.000.

Texaco Limited: *See*—
  Knowles, John P.; Wheeler, Steven A.; and Mitchell, Stewart D., 4,519,726, Cl. 405-195.000.
  Mitchell, Stewart D.; and Wheeler, Steven A., 4,519,727, Cl. 405-204.000.
Texacone Company: *See*—
  Wheeler, John H., 4,526,385, Cl. 277-153.000.
Texas A&M University: *See*—
  Bockris, John O.; Szklarczyk, Marek; and Contractor, Aliasgar Q., 4,501,804, Cl. 429-111.000.
  Bockris, John O'M.; and Ottagawa, Takaaki, 4,497,698, Cl. 204-129.000.
  Cummins, Joseph M., 4,497,795, Cl. 424-85.000.
  Fenn, Lloyd B., 4,500,335, Cl. 71-28.000.
  Fincher, Jeffrey L., 4,533,827, Cl. 250-211.00K.
Texas A&M University System, The: *See*—
  Chiou, George C. Y.; and Liu, Hsin-Kuang, 4,521,414, Cl. 514-229.000.
  Clearfield, Abraham; and Jerus, Paul, 4,512,905, Cl. 252-62.200.
  Rhee, Khee C.; and Lusas, E. W., 4,546,004, Cl. 426-656.000.
Texas Alkyls, Inc.: *See*—
  Malpass, Dennis B.; and Webb, Dale W., 4,547,477, Cl. 502-153.000.
Texas Eastern Engineering Ltd.: *See*—
  Buls, Ronald L.; and Gilcrease, James P., 4,519,815, Cl. 55-46.000.
Texas Gas Development Corporation: *See*—
  Darilek, Glenn T.; and Cooper, Edward H., Jr., 4,542,344, Cl. 324-326.000.
Texas Independent Tools and Unlimited Service, Inc.: *See*—
  Weeks, Benjamin R., 4,496,000, Cl. 166-382.000.
Texas Industries, Inc.: *See*—
  Harris, Philip H., 4,508,573, Cl. 106-100.000.
  Johnson, Joseph A., 4,495,132, Cl. 264-293.000.
Texas Instruments: *See*—
  Kuo, Chang-Kiang; and Tsaur, Shyh-Chang, 4,561,004, Cl. 357-23.500.
Texas Instruments Deutschland GmbH: *See*—
  Gotz, Laslo, 4,511,923, Cl. 358-191.100.
  Gotz, Laszlo; and Kowatsch, Hermann, 4,531,097, Cl. 330-254.000.
Texas Instruments Incorporated: *See*—
  Adams, Anthony L., 4,514,750, Cl. 357-70.000.
  Agrawal, Mahendra P., 4,507,745, Cl. 364-709.000.
  Amin, Pravin T., 4,556,806, Cl. 307-475.000.
  Andresen, Bernhard H.; Schenck, Stephen R.; and Kennedy, Nathan R., 4,496,914, Cl. 331-110.000.
  Andresen, Bernhard H., 4,511,234, Cl. 354-428.000.
  Andrews, Peter J., 4,536,835, Cl. 363-163.000.
  Barnett, Howard S.; Cochran, Michael J.; and Poland, Sid, 4,562,537, Cl. 364-200.000.
  Bayraktaroglu, Burhan, 4,525,732, Cl. 357-13.000.
  Bayraktaroglu, Burhan; Kim, Bumman; and Frensley, William, 4,539,528, Cl. 330-287.000.
  Beck, Jeffrey D.; Schaake, Herbert F.; Tregilgas, John H.; and Kinch, Michael A., 4,507,160, Cl. 148-191.000.
  Bedenbender, John W., 4,519,053, Cl. 367-190.000.
  Bellay, Jeffrey D., 4,527,234, Cl. 364-200.000.
  Bellay, Jeffrey D.; and Thaden, Robert C., 4,545,038, Cl. 365-230.000.
  Benitez, Willie B., III; and Masten, Billy R., 4,517,455, Cl. 235-463.000.
  Bennett, Ross L.; Price, Robert B.; Springen, Clyde H.; and Kilbourn, Harlan C., 4,517,652, Cl. 364-513.000.
  Berdanier, Barry N., 4,542,986, Cl. 356-5.000.
  Bonifield, Thomas D.; and Purdes, Andrew J., 4,512,283, Cl. 118-723.000.
  Bosserhoff, Hartmut; Steinhagen, Wolfgang; and Joeres, Ulrich, 4,524,346, Cl. 340-347.0CC.
  Breedlove, Paul S.; and Moore, James H., 4,516,260, Cl. 381-51.000.

Brehm, Gailon E.; and Lehmann, Randall E., 4,549,197, Cl. 357-41.000.
Calder, Powell L., 4,549,263, Cl. 364-200.000.
Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,495,592, Cl. 364-754.000.
Caldwell, David; and Agrawal, Mahendra P., 4,511,987, Cl. 364-715.000.
Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,519,045, Cl. 364-709.000.
Caldwell, David; Ferrio, Linda J.; and Hunter, Arthur C., 4,521,868, Cl. 364-753.000.
Calenda, Ciro; De Filippis, Pietro; and Salvatore, Amedeo, 4,498,069, Cl. 337-354.000.
Carter, Duane E.; and Jucha, Rhett B., 4,502,915, Cl. 156-643.000.
Caudel, Edward R.; Magar, Surendar S.; and Leigh, Antony W., 4,491,910, Cl. 364-200.000.
Caudel, Edward R., 4,498,135, Cl. 364-200.000.
Caudel, Edward R.; Swoboda, Gary L.; Magar, Surendar S.; McDonough, Kevin C.; and Leigh, Antony W., 4,514,801, Cl. 364-200.000.
Chatterjee, Pallab; Shichijo, Hisashi; and Leiss, John E., 4,545,034, Cl. 365-182.000.
Chatterjee, Pallab K., 4,554,572, Cl. 357-42.000.
Childers, Jimmie D., 4,509,142, Cl. 364-900.000.
Childers, Jimmie D.; and Hyslop, Adin E., 4,547,868, Cl. 365-203.000.
Chiu, Te-Long; and Lien, Jih-Chang, 4,514,897, Cl. 29-578.000.
Clearman, Melvin R.; and Springen, Clyde H., 4,539,703, Cl. 382-28.000.
Cline, James H.; and Chastain, David M., 4,528,666, Cl. 371-51.000.
Closson, Thomas A.; Oxford, David B.; Schenck, Stephen R.; and Seitchik, Jerold A., 4,514,828, Cl. 365-8.000.
Coats, Robert P., 4,556,808, Cl. 307-571.000.
Coleman, Donald J., Jr.; Haken, Roger A.; and Wang, Chung S., 4,521,446, Cl. 427-86.000.
Conrad, Marvin; Guttag, Karl M.; Schabowski, John V.; Roskell, Derek; Carey, Jim A.; and Shore, Brian, 4,544,851, Cl. 307-480.000.
Cottle, Wilbur W., Jr.; and Smith, Lilburn R., 4,500,051, Cl. 244-3.160.
Culley, Bobby G.; and Surtani, Kishin, 4,501,471, Cl. 350-334.000.
Curran, Patrick A., 4,546,370, Cl. 357-43.000.
De Filippis, Pietro; Salvatore, Amedeo; Calenda, Ciro; and Notaro, Giuseppe, 4,527,142, Cl. 337-105.000.
Dittakavi, Ashok, 4,549,867, Cl. 434-337.000.
Dix, Robert M.; Ellis, Timothy A.; and Andrews, Gary W., 4,520,629, Cl. 62-6.000.
Doering, Robert R.; and Armstrong, Gregory J., 4,561,170, Cl. 29-571.000.
Doherty, John, Jr., 4,514,717, Cl. 337-365.000.
Dromsky, John A.; and Zenuk, Charles H., 4,559,089, Cl. 148-11.50Q.
Dyer, Lawrence D.; and McGregor, Anderson D., 4,498,345, Cl. 73-849.000.
Dyer, Lawrence D.; and McGregor, Anderson D., 4,501,258, Cl. 125-13.00R.
Dyer, Lawrence D., 4,502,459, Cl. 125-13.00R.
Ehni, George J., 4,500,845, Cl. 330-86.000.
Erickson, Donald A., 4,516,223, Cl. 365-175.000.
Evans, Thomas E., 4,523,378, Cl. 29-881.000.
Farrell, Charles F., 4,524,249, Cl. 200-5.00A.
Fischer, Georg, 4,498,574, Cl. 198-380.000.
Frantz, Gene A.; and Lin, Kun-Shan, 4,507,750, Cl. 364-900.000.
Fuller, Gene E.; and Lin, Yi-Ching, 4,557,797, Cl. 156-643.000.
Gasparri, Alfred, Jr., 4,497,066, Cl. 382-48.000.
Gilbert, Don M., 4,498,791, Cl. 400-124.000.
Giolma, William H.; and Morgan, John D., 4,498,020, Cl. 307-261.000.
Grenier, Aime J., 4,502,033, Cl. 337-75.000.
Grenier, Aime J.; and McBride, Lyle E., 4,533,888, Cl. 335-131.000.
Guttag, Karl M., 4,521,852, Cl. 364-200.000.
Guttag, Karl M., 4,521,853, Cl. 364-200.000.
Hahn, Larry A., 4,520,277, Cl. 307-252.00C.
Haken, Roger A.; and Feger, William E., 4,524,431, Cl. 365-222.000.
Hamilton, Stephen P.; and McFarland, Harry G., 4,503,494, Cl. 364-200.000.
Hamilton, Stephen P., 4,516,218, Cl. 364-900.000.
Hanson, Kerry A., 4,519,083, Cl. 375-9.000.
Hansson, Jan I., 4,553,436, Cl. 73-517.00R.
Havemann, Robert H.; and Pollack, Gordon P., 4,541,167, Cl. 29-576.00W.
Henry, Raymond W., 4,498,151, Cl. 364-900.000.
Hightower, Angus W.; Smith, Reginald W.; and Orcutt, John W., 4,495,376, Cl. 174-52.0FP.
Hinkle, Robert W.; and O'Hagan, Michael, 4,547,778, Cl. 343-456.000.
Hochschild, James R., 4,538,282, Cl. 375-9.000.
Hochschild, James R., 4,559,634, Cl. 375-9.000.
Houston, Theodore W.; Tasch, Al F., Jr.; Darley, Henry M.; and Fu, Horng S., 4,553,316, Cl. 29-571.000.
Huse, Horst; and Elmer, Werner, 4,536,738, Cl. 340-146.200.
Jelks, Edward C., 4,505,949, Cl. 427-38.000.
Joyner, Keith A.; and Foster, Ronald B., 4,507,851, Cl. 29-590.000.
Kaldas, George A., 4,507,734, Cl. 364-419.000.
Kawate, Keith W.; and Strachan, Richard W., deceased, 4,496,895, Cl. 318-781.000.
Koeppen, Peter L.; Rogers, Gerald; Brown, Sammy K.; and Solimeno, Duane, 4,491,907, Cl. 364-200.000.
Kuo, Chang-Kiang, 4,554,643, Cl. 365-104.000.
Kwan, Stephen C., 4,507,577, Cl. 307-494.000.
Lau, Chi K., 4,545,116, Cl. 29-591.000.
Leach, Jerald G., 4,491,938, Cl. 365-222.000.
Leach, Jerald G., 4,495,426, Cl. 307-453.000.
Leach, Jerald G., 4,535,465, Cl. 377-46.000.
Leach, Jerald G., 4,560,954, Cl. 331-108.00B.
Lehmann, Randall E.; Brehm, Gailon E.; and Seymour, David J., 4,525,678, Cl. 330-277.000.
Leigh, Antony W., 4,506,322, Cl. 364-200.000.
Levine, Jules D., 4,521,640, Cl. 136-250.000.
Lisauskas, Richard J., 4,499,517, Cl. 361-24.000.
Logan, Russell H.; and Poradish, Frank J., 4,521,861, Cl. 364-517.000.
Magar, Surendar; and Gass, Wanda K., 4,519,031, Cl. 364-200.000.
Magar, Surendar S., 4,503,500, Cl. 364-200.000.
Magar, Surendar S., 4,507,727, Cl. 364-200.000.
Magar, Surendar S.; and Caudel, Edward R., 4,533,992, Cl. 364-200.000.
Magar, Surendar S., 4,538,239, Cl. 364-759.000.
Malhi, Satwinder, 4,502,202, Cl. 29-571.000.
Malhi, Satwinder D. S., 4,555,843, Cl. 29-571.000.
Martin, Robert C., 4,536,664, Cl. 307-475.000.
McAdams, Hugh P., 4,561,702, Cl. 307-475.000.
McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,533,843, Cl. 307-530.000.
McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,543,500, Cl. 307-530.000.
McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,543,501, Cl. 307-530.000.
McDavid, James M., 4,507,853, Cl. 29-591.000.
McDonough, Kevin C., 4,495,563, Cl. 364-200.000.
McDonough, Kevin C.; Swoboda, Gary L.; and Magar, Surendar S., 4,514,805, Cl. 364-200.000.
McDonough, Kevin C.; and Magar, Surendar S., 4,528,625, Cl. 364-200.000.
McDonough, Kevin C.; Laffitte, David S.; and Hughes, John M., 4,562,435, Cl. 340-798.000.
McElroy, David J., 4,491,857, Cl. 357-23.000.
McElroy, David J., 4,493,057, Cl. 365-182.000.
McElroy, David J., 4,503,524, Cl. 365-218.000.
McElroy, David J., 4,507,756, Cl. 365-104.000.
McElroy, David J., 4,507,757, Cl. 365-104.000.
McPherson, Roger K., 4,502,208, Cl. 29-584.000.
Meador, Charles G.; and Breashears, Eddie H., 4,544,416, Cl. 148-1.500.
Mohan Rao, G. R., 4,498,155, Cl. 365-189.000.
Noble, Robert T., 4,521,775, Cl. 340-784.000.
Oliver, Arthur B., 4,549,150, Cl. 331-111.000.
Orcutt, John W.; Hightower, Angus W.; and Smith, Reginald W., 4,496,965, Cl. 357-70.000.
Orcutt, John W., 4,504,435, Cl. 264-272.170.
Papamichalis, Panos E.; and Doddington, George R., 4,536,886, Cl. 381-41.000.
Patrick, Michael J.; and Snider, David M., 4,542,453, Cl. 364-200.000.
Patrick, Thomas R.; Powell, Richard; and Berdanier, Barry N., 4,561,775, Cl. 356-5.000.
Pejouhy, Radi, 4,536,817, Cl. 361-105.000.
Pejouhy, Radi; and Cardin, Wilfred W., 4,555,686, Cl. 337-102.000.
Penn, Thomas C., 4,535,401, Cl. 364-132.000.
Penz, Perry A.; and Sampsell, Jeffrey B., 4,500,171, Cl. 350-320.000.
Penz, Perry A., 4,523,812, Cl. 350-334.000.
Penz, Perry A.; Petcavich, Robert J.; Stearns, William P.; and Sanders, Larry W., 4,533,214, Cl. 350-334.000.
Phillips, Jesse C., 4,503,548, Cl. 377-39.000.
Pollack, Gordon P.; Teng, Clarence; and Hunter, William R., 4,538,343, Cl. 29-576.00W.
Poteet, Ken A., 4,555,777, Cl. 365-205.000.
Prater, Cordell E., 4,553,051, Cl. 307-475.000.
Purdes, Andrew J.; and Bonifield, Thomas D., 4,513,021, Cl. 427-38.000.
Purdes, Andrew J., 4,521,275, Cl. 156-643.000.
Ragan, Lawrence H., 4,513,260, Cl. 333-165.000.
Reddy, Chitranjan N.; and Rao, G. R. Mohan, 4,494,223, Cl. 365-233.000.
Reddy, Chitranjan N., 4,508,978, Cl. 307-482.000.
Reddy, Chitranjan N., 4,521,701, Cl. 307-482.000.
Reid, Lee R., 4,535,424, Cl. 365-63.000.
Roberts, Charles G.; and Hall, Joseph E., 4,538,287, Cl. 377-60.000.
Rogers, Gerald D.; Koeppen, Peter L.; Brown, Sammy K.; and Solimeno, Duane, 4,530,047, Cl. 364-200.000.
Roskell, Derek; Schabowski, John V.; Guttag, Karl M.; McDonough, Kevin C.; Shore, Brian; and Preston, Thomas, 4,532,587, Cl. 364-200.000.
Saunier, Paul; and Shih, Hung-Dah, 4,558,337, Cl. 357-22.000.
Schaake, Herbert F.; Tregilgas, John H.; and Beck, Jeffrey D., 4,504,334, Cl. 148-191.000.
Senor, Ronald E., 4,556,267, Cl. 339-59.00M.
Shah, Ashwin H., 4,503,341, Cl. 307-450.000.
Shah, Rajiv R., 4,496,222, Cl. 350-354.000.
Sharpe, Claude A.; and Ho, Cecil C., 4,539,566, Cl. 343-389.000.

  - Simpson, Richard D., 4,494,187, Cl. 364-200.000.
  - Slack, Douglas J., 4,555,684, Cl. 335-66.000.
  - Slawinski, Christopher; Doering, Robert R.; and Teng, Clarence W., 4,561,172, Cl. 29-576.00W.
  - Solimeno, Duane; Koeppen, Peter L.; Rogers, Gerald; and Brown, Sammy K., 4,517,656, Cl. 364-900.000.
  - Southerland, Ebbin R., Jr., 4,496,851, Cl. 307-269.000.
  - Spicer, Denis F., 4,538,127, Cl. 335-210.000.
  - Spinelli, Thomas S.; Manns, William G.; and Weirauch, Donald F., 4,546,406, Cl. 361-386.000.
  - Stiekel, Jan J.; Hagen, Marinus; Prins, Klaas H.; and Gerson, Philips M., 4,528,540, Cl. 337-102.000.
  - Streckmann, George L.; and Harris, Ralph A., 4,535,299, Cl. 330-279.000.
  - Streckmann, George L., 4,535,300, Cl. 330-279.000.
  - Sullivan, Lawrence B.; and Lo, Charng-Wen M., 4,536,862, Cl. 367-153.000.
  - Swensen, Michael W., 4,527,149, Cl. 340-365.00R.
  - Swindler, Dan E., 4,520,240, Cl. 200-5.00R.
  - Swindler, Danny E., 4,500,217, Cl. 400-320.000.
  - Taka, Hideo; and Andresen, Bernhard H., 4,544,257, Cl. 354-460.000.
  - Taylor, Carol O., Sr., 4,526,008, Cl. 62-6.000.
  - Thompson, Barbara J., 4,505,682, Cl. 434-335.000.
  - Thompson, E. Earle, 4,516,200, Cl. 364-200.000.
  - Thompson, E. Earle, 4,519,029, Cl. 364-200.000.
  - Thompson, Raymond W.; Kalidas, Navinchandra; Abbott, John H.; and Laffitte, David S., 4,540,226, Cl. 339-17.0CF.
  - Tregilgas, John H.; Beck, Jeffrey D.; Kinch, Michael A.; and Schaake, Herbert F., 4,501,625, Cl. 148-20.300.
  - Trenkler, George; and Cooper, Lawrence E., 4,507,639, Cl. 336-115.000.
  - Trenkler, George; and Delagi, Richard G., 4,538,756, Cl. 228-118.000.
  - Trotta, Patrick A.; and Zak, Paul A., 4,492,763, Cl. 501-40.000.
  - Ty, Henry, 4,502,627, Cl. 236-93.00R.
  - Ty, Henry; and White, Alfred J., 4,537,365, Cl. 242-107.600.
  - Van Der Ploeg, Arie; Jansen, Wim; and Gerson, Philips, 4,501,255, Cl. 123-557.000.
  - Vandierendonck, Jerry L., 4,503,511, Cl. 364-716.000.
  - Vincent, Geoffrey P. F.; Ing-Simmons, Nicholas K. D.; McGrath, John; and Conrad, Marvin C., 4,562,535, Cl. 364-200.000.
  - Walstra, Hidde, 4,496,496, Cl. 261-39.00E.
  - Walstra, Hidde, 4,555,687, Cl. 337-370.000.
  - Wand, Martin A., 4,558,304, Cl. 340-347.0SY.
  - Westphal, Glenn H.; and Sherer, Jimmie B., 4,522,791, Cl. 422-249.000.
  - White, Lionel S.; and Rao, G. R. Mohan, 4,494,222, Cl. 365-222.000.
  - White, William A.; and Namordi, Mooshi R., 4,558,235, Cl. 307-450.000.
  - Witter, David E.; and Bawa, Mohendra S., 4,547,258, Cl. 156-605.000.
- Texas Oil Spill Control, Inc.: *See—*
  - Rymal, Theodore R., Jr., 4,492,630, Cl. 210-117.000.
- Texas Processed Plastics, Inc.: *See—*
  - Powell, Bert R.; and Collins, Albert L., 4,553,352, Cl. 47-71.000.
- Texas Recreation Corporation: *See—*
  - Hancock, Kendal, 4,556,375, Cl. 425-127.000.
  - Scheurer, Stephen M., 4,510,665, Cl. 29-460.000.
- Texas Turbine, Inc.: *See—*
  - Giroux, Claude, 4,544,167, Cl. 277-82.000.
- Texasgulf Inc.: *See—*
  - Carr, Jesse M., Jr.; Sheler, Raymond E.; Richards, Frank J.; and Kelder, Eric, 4,547,295, Cl. 210-777.000.
- Texo Corporation: *See—*
  - Kinkelaar, Edmund W.; and Pekar, Howard G., 4,550,037, Cl. 427-443.100.
- Texon Incorporated: *See—*
  - Bodendorf, Warren J., 4,529,677, Cl. 429-252.000.
- Texor Corporation: *See—*
  - Aggeler, Michael J., 4,510,542, Cl. 360-98.000.
- Texpa-Arbter Maschinenbaugesellschaft mbH: *See—*
  - Ziegler, Hans; Henze, Siegfried; Dippert, Rainer; Schnaus, Martin; and Golda, Horst, 4,493,234, Cl. 83-175.000.
- Texstyrene Plastics, Inc.: *See—*
  - Harrison, James M., 4,560,705, Cl. 521-60.000.
- Textile Products, Incorporated: *See—*
  - Curzio, Frederick H., 4,539,249, Cl. 428-175.000.
  - Rheaume, Walter A., 4,510,198, Cl. 428-246.000.
- Textilma AG: *See—*
  - Durville, Gerard A.; and Bucher, Robert R., 4,515,186, Cl. 139-455.000.
  - Mueller, Jakob, 4,502,513, Cl. 139-383.00R.
  - Muller, Jakob; and Diesner, Ferdinand, 4,531,554, Cl. 139-116.000.
  - Speich, Francisco, 4,493,346, Cl. 139-76.000.
  - Speich, Francisco, 4,509,380, Cl. 74-394.000.
  - Speich, Francisco, 4,518,020, Cl. 139-55.100.
  - Villa, Carlo, 4,541,461, Cl. 139-442.000.
- Textilmaschinenfabrik Dr. Ernst Fehrer Aktiengesellschaft: *See—*
  - Feyerl, Gunther; Minichshofer, Klaus; and Pum, Hans G., 4,536,927, Cl. 28-110.000.
  - Fuchs, Helmut, 4,502,272, Cl. 57-401.000.
  - Fuchs, Helmut, 4,537,020, Cl. 57-263.000.
- Textrix Corporation: *See—*
  - McGuire, Richard; and Donhowe, Herbert M., 4,497,027, Cl. 364-471.000.
- Textron, Inc.: *See—*
  - Bert, Stephen F., 4,503,665, Cl. 59-82.000.
  - Bieschke, Martin, 4,492,422, Cl. 339-95.00R.
  - Chaplin, John B.; and Ganczak, Edward G., 4,498,873, Cl. 440-82.000.
  - Chaplin, John B., 4,506,618, Cl. 114-67.00A.
  - DeCaro, Charles J., 4,491,443, Cl. 408-239.00A.
  - DeCaro, Charles J., 4,550,476, Cl. 29-26.00A.
  - Dulin, Kerry, 4,500,936, Cl. 361-152.000.
  - Dulin, Kerry, 4,500,938, Cl. 361-153.000.
  - Flatau, Carl R., 4,507,043, Cl. 414-719.000.
  - Flatau, Carl R., 4,512,710, Cl. 414-735.000.
  - Jahnke, William R.; Rockel, Bruce H.; Brown, Barry J.; Hawley, Floyd E.; Pennella, Andrew J.; Sugrue, John C.; and Wiggins, William R., 4,534,093, Cl. 29-26.00A.
  - Jones, Paul W., 4,532,399, Cl. 219-117.100.
  - Klein, Gregory L.; and Burton, C. Leonard, 4,521,121, Cl. 384-100.000.
  - Kucera, Helmut W.; and Saad, Samy K., 4,540,633, Cl. 428-423.100.
  - Lemont, Harold E., 4,506,849, Cl. 244-17.210.
  - Matuschek, Josip, 4,518,295, Cl. 411-291.000.
  - Miller, Thomas P., 4,538,586, Cl. 123-620.000.
  - Murphy, Milford R.; and Haskins, Delbert E., 4,542,679, Cl. 91-363.00A.
  - Nelson, Alfred W., 4,501,404, Cl. 248-503.100.
  - Potter, E. L., 4,506,565, Cl. 76-25.00A.
  - Simpson, Anthony Y., 4,494,473, Cl. 114-67.00A.
  - Stringer, Robert A., 4,543,901, Cl. 114-67.00A.
  - Yax, Michael J., 4,503,613, Cl. 51-284.00E.
- Textured Yarn Company, Inc.: *See—*
  - Schwartz, Ira; and Wyatt, William K., 4,528,809, Cl. 57-207.000.
- Teysseyre, Pierre M.: *See—*
  - Forestier, Alexandre; Pluquet, Alain A.; Rosa, Roger A.; Tabet, Mansour; and Teysseyre, Pierre M., 4,525,135, Cl. 425-290.000.
- Teyssier, Emil G., Jr., to Sperry Corporation. Air controlled paper stacker. 4,494,948, 1-22-85, Cl. 493-11.000.
- Tezucar, Okan K.; and Parisi, David A., to Burroughs Corporation. Gas-filled dot matrix display panel and operating system. 4,533,913, 8-6-85, Cl. 340-805.000.
- Tezuka, Chikao: *See—*
  - Mori, Masahiko; Arai, Kenichiro; and Tezuka, Chikao, 4,534,665, Cl. 400-145.200.
- Tezuka, Hisao: *See—*
  - Kanno, Masayuki; Tezuka, Hisao; Izawa, Kouji; and Kamiyama, Tadanobu, 4,538,183, Cl. 358-280.000.
- Tezuka, Katsue, to Shinano Kenshi Kabushiki Kaisha. Permanent magnet type step motor. 4,528,473, 7-9-85, Cl. 310-256.000.
- Tezuka, Masayoshi: *See—*
  - Kitakami, Hazime; Ishikawa, Hiroshi; Tezuka, Masayoshi; Adachi, Susumu; and Makinouchi, Akifumi, 4,497,039, Cl. 364-900.000.
- Tezuka, Nobuo, to Canon Kabushiki Kaisha. Spring installing device. 4,509,240, 4-9-85, Cl. 29-227.000.
- Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio, to Olympus Optical Co., Ltd. Liquid containing vessel with temperature control device. 4,548,259, 10-22-85, Cl. 165-14.000.
- Tezuka, Shichigoro; Sato, Yoshinori; Shibata, Masaki; and Harikae, Nobuyuki, to Lotte Co., Ltd. Process of preparing an improved bubble chewing gum. 4,514,423, 4-30-85, Cl. 426-3.000.
- Tezuka, Toshiro: *See—*
  - Abe, Masaru; Miyoshi, Isao; Tezuka, Toshiro; and Yoshimoto, Toshio, 4,506,718, Cl. 152-361.00R.
- Tezuka, Yasuo: *See—*
  - Omura, Takashi; Harada, Naoki; and Tezuka, Yasuo, 4,530,996, Cl. 534-642.000.
- Tezuka, Yoshitomo, to Aida Engineering Ltd. Concrete reinforcing steel fibers. 4,559,276, 12-17-85, Cl. 428-599.000.
- Tezuka, Yoshitomo; Nakagawa, Takeo; and Kobayashi, Kazusuke, to Aida Engineering Ltd. Steel fiber for reinforcing concrete and production thereof. 4,560,622, 12-24-85, Cl. 428-599.000.
- T+F Kunststuffe fur Tecknik und Freizeit GmbH: *See—*
  - Sommer, Werner, 4,521,361, Cl. 264-126.000.
- TG Strips, Inc.: *See—*
  - Granryd, Thorvald G., 4,508,150, Cl. 152-169.000.
- Th. Goldschmidt AG: *See—*
  - Bade, Volkbert, 4,497,825, Cl. 514-556.000.
  - Fink, Hans-Ferdi; Koerner, Gotz; and Freiberger, Rolf, 4,501,616, Cl. 106-38.220.
  - Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, 4,520,173, Cl. 525-403.000.
  - Fock, Jurgen; and Schedlitzki, Dietmar, 4,537,934, Cl. 525-123.000.
  - Gruning, Burghard; Holtschmidt, Ulrich; and Koerner, Gotz, 4,537,595, Cl. 8-115.600.
  - Koerner, Gotz; and Weitemeyer, Christian, 4,501,911, Cl. 556-446.000.
  - Kollmeier, Hans-Joachim; and Langenhagen, Rolf-Dieter, 4,529,743, Cl. 521-112.000.
  - Weitemeyer, Christian, 4,533,723, Cl. 528-303.000.
- Th. Kieserling & Albrecht: *See—*
  - Lorenz, Horst; and Schulte, Richard, 4,508,255, Cl. 228-5.100.
- Thacker, Gary W. Self aligning crop spraying apparatus. 4,521,988, 6-11-85, Cl. 47-1.700.

- Thacker, Kipling: *See—*
  - Bracke, James W.; and Thacker, Kipling, 4,517,295, Cl. 435-101.000.
- Thackeray, James W.: *See—*
  - Campbell, John R.; and Thackeray, James W., 4,533,722 Cl. 528-199.000.
- Thackeray, Michael M.; and Goodenough, John B., to South African Inventions Development Corporation. Solid state cell wherein an anode, solid electrolyte and cathode each comprise a cubic-close-packed framework structure. 4,507,371, 3-26-85, Cl. 429-191.000.
- Thackray, Malcolm: *See—*
  - Brodie, Ivor; and Thackray, Malcolm, 4,503,551, Cl. 378-28.000.
- Thackrey, James D. Teeth-held head tilt alarm. 4,555,697, 11-26-85, Cl. 340-575.000.
- Thaden, Robert C.: *See—*
  - Bellay, Jeffrey D.; and Thaden, Robert C., 4,545,038, Cl. 365-230.000.
- Thaden, Theron J.: *See—*
  - Watts, George T.; and Thaden, Theron J., 4,550,827, Cl. 206-304.000.
- Thais, William; and Kauth, William. Shoe with ankle protector. 4,547,981, 10-22-85, Cl. 36-89.000.
- Thakkar, Arvind L.: *See—*
  - Zimmerman, Ronald E.; Burck, Philip J.; Jones, C. David; and Thakkar, Arvind L., 4,493,699, Cl. 604-55.000.
- Thakoor, Anilkumar P.: *See—*
  - Khanna, Satish K.; Thakoor, Anilkumar P.; and Williams, Roger M., 4,522,844, Cl. 427-38.000.
- Thalatta, Inc.: *See—*
  - Tate, Clarence R., 4,528,237, Cl. 428-240.000.
- Thalenfeld, David R., to Trion Industries, Inc. Merchandise display hook. 4,512,481, 4-23-85, Cl. 211-57.100.
- Thaler, Arnold; Friedson, David; and Kin, Lai, to Windmere Corporation. Retractable curling brush. 4,492,241, 1-8-85, Cl. 132-37.00R.
- Thaler, Arnold; and Kin, Lai, to Windmere Corporation. Electrical appliance with delayed warning alarm. 4,542,284, 9-17-85, Cl. 219-506.000.
- Thaler, Arnold: *See—*
  - Friedson, Belvin F.; Thaler, Arnold; and Saud, Ivan, 4,513,735, Cl. 128-24.200.
- Thaler, Heinrich: *See—*
  - Prager, Bernhard C.; Punk, Peter; and Thaler, Heinrich, 4,562,253, Cl. 544-19.000.
- Thaler, Rainer: *See—*
  - Schadlich, Fritz; Rieker, Werner; Thaler, Rainer; and Klingenstein, Klaus, 4,515,303, Cl. 227-131.000.
- Thaler, Warren A.; Turner, S. Richard; and Lundberg, Robert D., to Exxon Research & Engineering Co. Preparation of sulfonated copolymers by suspension copolymerization. 4,552,939, 11-12-85, Cl. 526-287.000.
- Thaler, Warren A.: *See—*
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  - Peiffer, Dennis G.; Lundberg, Robert D.; Duvdevani, Ilan; and Thaler, Warren A., 4,520,158, Cl. 524-481.000.
  - Sartori, Guido; and Thaler, Warren A., 4,525,294, Cl. 252-182.000.
- Thalheimer, Albert J.: *See—*
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- Thallinger, Daniel J. Foldable composite panel including means for rendering it rigid. 4,559,253, 12-17-85, Cl. 428-65.000.
- Thallmeier, Manfred: *See—*
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- Thalman, Bernal C.: *See—*
  - Artinano, Antonio T.; Jimenez, Hernan N.; Thalman, Bernal C.; and Vasquez, Marco A. E., 4,539,480, Cl. 250-551.000.
- Thalmann, Alfred; and Reich, Fritz, to George Fischer Limited. Molded connection piece. 4,515,177, 5-7-85, Cl. 137-318.000.
- Thalmann, Alfred, to Georg Fischer Aktiengesellschaft. Arrangement for welding together thermoplastic molded members. 4,536,644, 8-20-85, Cl. 219-535.000.
- Thanawala, Hemesh L., to Associated Electrical Industries Limited. Static reactive compensator. 4,503,380, 3-5-85, Cl. 323-206.000.
- Thanh, Vo V.: *See—*
  - McKee, Kenneth E.; Meitl, Harold G.; Thanh, Vo V.; and Bixler, Craig A., 4,527,444, Cl. 74-493.000.
- Thanner, Otto: *See—*
  - Huber, Johann; and Thanner, Otto, 4,500,325, Cl. 51-298.000.
  - Huber, Johann; and Thanner, Otto, 4,538,384, Cl. 51-322.000.
- Thannheiser, Axel, to Trutzschler GmbH & Co. KG. Spinning preparation system and method for air-conditioning the same. 4,527,306, 7-9-85, Cl. 19-66.0CC.
- Thapar, Hemant K., to AT&T Information Systems. Method and apparatus for coding a binary signal. 4,534,040, 8-6-85, Cl. 375-39.000.
- Tharel, Morene J., to Flare Products, Inc. Disposable therapy diaper. 4,560,380, 12-24-85, Cl. 604-385.00R.
- Tharp, Charles P.: *See—*
  - Riley, Thomas C., Jr.; Tharp, Charles P.; and Lapka, Galen G., 4,551,148, Cl. 604-890.000.
- Tharp, Emery C. Reciprocating backhoe bucket. 4,537,556, 8-27-85, Cl. 414-725.000.
- Thatcher, Arthur K.; and McCarter, Ed R., deceased (by McCarter, Rebecca A., executrix), to Arthur K. Thatcher Revokable Trust. Sonic dispersion unit and control system therefor. 4,520,786, 6-4-85, Cl. 123-536.000.
- Thatcher, David R. P.: *See—*
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- Thatcher, Gordon: *See—*
  - Duncombe, Edward; and Thatcher, Gordon, 4,527,955, Cl. 417-50.000.
- Thatcher, John B. Swimming pool alarm. 4,533,907, 8-6-85, Cl. 340-565.000.
- Thatcher, Richard E. Paper dispensing apparatus. 4,502,621, 3-5-85, Cl. 225-16.000.
- Thate, Kurt; Farber, Heinrich; and Muller, Jurgen, to AGFA-Gevaert, A.G. Arrangement for supplying unexposed X-ray films to a handling apparatus. 4,496,273, 1-29-85, Cl. 414-411.000.
- Thayer, David N.: *See—*
  - Lloyd, Harry J., Jr.; Huggins, Hoyt W.; Lyon, Michael R.; Thayer, David N.; and McGovney, William E., 4,542,808, Cl. 186-56.000.
- Thayer, John R. Protective helmet with dual adjustment illumination means. 4,521,831, 6-4-85, Cl. 362-32.000.
- Thayer, LeRoy E.: *See—*
  - Lo, Peter Y. K.; Thayer, LeRoy E.; and Wright, Antony P., 4,562,096, Cl. 427-208.800.
- Thayer, Stevan J.: *See—*
  - Hwang, Jong-Yeong H.; Thayer, Stevan J.; and Zimmer, Bonnie A., 4,498,186, Cl. 37[illegible]
- Thayer, Steven R.: *See—*
  - Hoffman, Joseph H., and Thayer, Steven R., 4,526,510, Cl. 415-175.000.
- Thayer, Timothy Z.; and Shaw, Frank W., to Arvin Industries, Inc. Catalytic converter housing. 4,501,118, 2-26-85, Cl. 60-301.000.
- Thayer, Timothy Z.; and Shaw, Frank W., to Arvin Industries, Inc. Catalytic converter divider. 4,536,371, 8-20-85, Cl. 422-171.000.
- Thayer, William L.: *See—*
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- Thayne, Stephen W., to Computer Election Systems. Dual throat data registering apparatus and card therefor. 4,504,735, 3-12-85, Cl. 235-50.00A.
- The, Hans L.: *See—*
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- The, Paul J.: *See—*
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  - Pearson, Alan; and The, Paul J., 4,519,989, Cl. 423-121.000.
- Thebault, Claude, to KIS France. Device for simultaneously printing and developing photographs. 4,547,065, 10-15-85, Cl. 355-28.000.
- Thedford, Guy N.; Fachini, Robert M.; and Sullivan, Dennis K., to International Harvester Company. Cotton harvesting machine pneumatic duct system. 4,501,112, 2-26-85, Cl. 56-13.300.
- Theeuwes, Felix, to ALZA Corporation. Parenteral delivery system utilizing a hollow fiber cellular unit. 4,511,351, 4-16-85, Cl. 604-56.000.
- Theeuwes, Felix; and Urquhart, John, to ALZA Corporation. Parenteral delivery system with in-line container. 4,511,352, 4-16-85, Cl. 604-56.000.
- Theeuwes, Felix, to ALZA Corporation. Intravenous system for delivering a beneficial agent. 4,511,353, 4-16-85, Cl. 604-85.000.
- Theeuwes, Felix, to ALZA Corporation. Parenteral agent dispensing equipment. 4,521,211, 6-4-85, Cl. 604-85.000.
- Theeuwes, Felix, to ALZA Corporation. Parenteral dispensing system with programmable drug administration. 4,540,403, 9-10-85, Cl. 604-85.000.
- Theeuwes, Felix, to ALZA Corporation. Parenteral agent dispensing equipment. 4,548,598, 10-22-85, Cl. 604-85.000.
- Theeuwes, Felix, to ALZA Corporation. System for intravenous delivery of a beneficial agent. 4,552,555, 11-12-85, Cl. 604-56.000.
- Theeuwes, Felix: *See—*
  - Edgren, David; Wong, Patrick S. L.; and Theeuwes, Felix, 4,503,030, Cl. 424-15.000.
  - Urquhart, John; and Theeuwes, Felix, 4,493,702, Cl. 604-80.000.
  - Urquhart, John; and Theeuwes, Felix, 4,515,585, Cl. 604-85.000.
  - Urquhart, John; and Theeuwes, Felix, 4,525,162, Cl. 604-56.000.
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  - Wolfe, Allan M.; Davenport, James M.; Theeuwes, Felix; and Yum, Su I., 4,533,348, Cl. 604-85.000.
- Theien, Clarence M., to Superior Machinery Inc. Method for high tooth equalization of cutters. 4,512,114, 4-23-85, Cl. 51-288.000.
- Theijsmeijer, Frederik: *See—*
  - Roeder, Charles L.; Siefert, William J.; and Theijsmeijer, Frederik, 4,515,832, Cl. 427-233.000.
- Theilacker, Klaus, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Stripper for a roller cleaning device. 4,537,130, 8-27-85, Cl. 101-425.000.
- Theilig, Arthur W.; and Poplis, John, to Marmon Group, Inc., The. Egg holding flat. 4,558,661, 12-17-85, Cl. 119-43.000.
- Theis, Christoph; and Prange, Uwe, to Dynamit Nobel Aktiengesellschaft. Method of preparing 3-alkoxy acrylonitriles. 4,525,310, 6-25-85, Cl. 260-465.600.
- Theis, Christoph; and Fickert, Gudrun, to Dynamit Nobel Aktiengesellschaft. Method for preparing cyanacetaldehyde acetals. 4,541,960, 9-17-85, Cl. 260-464.000.
- Theis, Christoph: *See—*
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- Theis, Dietmar: *See—*
  - Weyrich, Claus; Ziegler, Guenther; Hoffmann, Ludwig; and Theis, Dietmar, 4,531,142, Cl. 357-17.000.
- Theis, Peter F. Programmed conversation recording system. 4,539,436, 9-3-85, Cl. 179-6.040.
- Theis, Peter F.; and Buchberger, Gregory D., to Morgan Industries, Inc. Telephone line activity monitor. 4,559,416, 12-17-85, Cl. 179-7.10R.
- Theis, Ulrich: *See—*
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- Theisen, Peter J.; and Chen, C. Gregory, to Eaton Corporation. D.C. power controller, with fuse protection. 4,536,814, 8-20-85, Cl. 361-7.000.
- Theisen, Peter J.: *See—*
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  - Link, Donald A.; Swessel, John A., Jr.; and Theisen, Peter J., 4,511,772, Cl. 200-144.00R.
  - Link, Donald A.; Swessel, John A., Jr.; and Theisen, Peter J., 4,527,027, Cl. 200-144.00R.
- Theiss, Josef: *See—*
  - Stahl, Konrad; Theiss, Josef; and Weber, Jochen, 4,491,729, Cl. 250-336.100.
- Theissen, Robert J., to Rhone-Poulenc, Inc. 2-nitro-5(substituted-phenoxy) benzoyl derivatives as herbicides. 4,517,010, 5-14-85, Cl. 71-90.000.
- Theissen, Robert J., to Rhone-Poulenc, Inc. 2-nitro-5-(substituted-phenoxy) phenylalkanone oxime and imine derivatives as herbicides. 4,551,171, 11-5-85, Cl. 71-121.000.
- Theissig, Werner: *See—*
  - Klueber, Wilhelm; Bloeckinger, Peter; and Theissig, Werner, 4,529,044, Cl. 173-48.000.
- Thelander, Sidsel: *See—*
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- Thelen, Josef: *See—*
  - Hinssen, Hans-Klemens; Katscher, Werner; Loenissen, Karl-Josef; Moormann, Rainer; Seeboth, Heinz; Stauch, Bernhard; and Thelen, Josef, 4,507,267, Cl. 423-4.000.
- Thelen, Robert L.: *See—*
  - Rouse, Michael W.; and Thelen, Robert L., 4,560,112, Cl. 241-236.000.
  - Rouse, Michael W.; and Thelen, Robert L., 4,561,467, Cl. 137-624.180.
- Thelen, Werner: *See—*
  - Schulz, Joachim; and Thelen, Werner, 4,560,103, Cl. 236-13.000.
- Thelen, William: *See—*
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- Thelen, William G., to Aeroquip Corporation. Vibration attenuating coupling. 4,491,348, 1-1-85, Cl. 285-49.000.
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  - Trost, Nikolaus B.; and Groos, Heinz, 4,549,419, Cl. 72-4.000.
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  - Schuler, Bernhard; Schuller, Ferdinand; and Wohlgemuth, Werner, 4,548,056, Cl. 66-121.000.
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  - Van Pelt, Christopher K., 4,538,801, Cl. 271-251.000.
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  - Thorn, John E., 4,550,540, Cl. 52-309.400.
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  - Rosencwaig, Allan, 4,513,384, Cl. 364-563.000.
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  - Eastman, George Y., 4,547,130, Cl. 417-53.000.
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  - Hatch, Bruce O., 4,558,201, Cl. 219-121.0PM.
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- Thermal Power Corporation: *See—*
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  - Jordan, William D.; Hundt, Roger C.; and Pritchett, James D., 4,521,827, Cl. 361-386.000.
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  - Szycher, Michael, 4,523,005, Cl. 528-76.000.
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  - Birkner, Joseph R.; Nunes, Maurice; and Hurley, James R., 4,552,123, Cl. 126-369.000.
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  - Hanson, Jay L., 4,493,191, Cl. 62-126.000.
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  - Seshadri, Jayaram; and Neimy, Daniel T., 4,537,047, Cl. 62-510.000.
  - Taylor, David H., 4,553,403, Cl. 62-239.000.
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  - Hansen, Helge, 4,525,961, Cl. 52-208.000.

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  - Fussell, Theodore J., 4,554,927, Cl. 128-670.000.
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  - Plessers, Jacques J.; and Theuwis, Alfons L., 4,557,152, Cl. 73-864.550.
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  - Pierrey, Jean-Louis; and Thevenin, Michel, 4,560,530, Cl. 376-290.000.
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- Thibault, William C.; and Pate, Paul E., to General Electric Company. Method for sealing a rechargable cell. 4,523,376, 6-18-85, Cl. 29-623.200.
- Thibault, William C.; and Fowler, Robert C., to General Electric Company. Resealable vent valve for a rechargeable battery. 4,556,612, 12-3-85, Cl. 429-54.000.
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  - Thibaut, Bernard, 4,551,902, Cl. 29-568.000.
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- Thibodeaux, Patricia T. Hair curler with retractable retaining band. 4,515,171, 5-7-85, Cl. 132-42.00R.
- Thibodeaux, Robert: *See—*
  - Thibodeaux, Emile; and Thibodeaux, Robert, 4,509,883, Cl. 405-232.000.
- Thibonnet, Bernard, to Thibonnet, Bernard; Staib, Philippe H.; and Babet, Jean-Michel. Induction device fitted inside a tank for drawing in fluids such as liquid fuels. 4,534,408, 8-13-85, Cl. 165-108.000.
- Thiebaut, Bernard A., to Inmont Corporation. Lithographic water based fountain solution concentrates. 4,548,645, 10-22-85, Cl. 106-2.000.
- Thieken, Michael L.: *See—*
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- Thiel, Max: *See—*
  - Bosies, Elmar; Kampe, Wolfgang; Thiel, Max; Bicker, Uwe; and Boerner, Dietmar, 4,517,183, Cl. 514-183.000.
  - Wiedemann, Fritz; Kampe, Wolfgang; Thiel, Max; Sponer, Gisbert; Roesch, Egon; and Dietmann, Karl, 4,503,067, Cl. 514-411.000.
- Thiel, Philip P.: *See—*
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  - Stocco, Sam; and Davis, Stanley, 4,516,765, Cl. 271-95.000.
- Thiele, Gerald H.; and Stamp, David L., to Stauffer Chemical Company. Synergistic herbicidal compositions. 4,505,737, 3-19-85, Cl. 71-86.000.
- Thiele, Gerd: *See—*
  - Bube, Carsten; Thiele, Gerd; and Zeller, Hans, 4,504,732, Cl. 219-497.000.
- Thiele, Heino; Weber, Werner; and Taubenmann, Peter, to BASF Aktiengesellschaft. Process and device for the preparation of a reaction mixture of at least two components for the production of foams. 4,526,907, 7-2-85, Cl. 521-133.000.
- Thiele, Heino: *See—*
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  - vonBebenburg, Walter, deceased; Heese, Joachim; Engel, Jurgen; and Thiele, Kurt, 4,554,281, Cl. 514-353.000.
  - Zirngibl, Ludwig; and Thiele, Kurt, 4,554,356, Cl. 548-341.000.
- Thiele, Wolfgang: *See—*
  - Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.
- Thielemann, Klaus; and Trabandt, Hagen, to Continental Gummi-Werke Aktiengesellschaft. Tread for pneumatic vehicle tires. 4,542,778, 9-24-85, Cl. 152-209.00R.
- Thielemans, Kristiaan: *See—*
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- Thielen, Gerd: *See—*
  - Gerarts, Wilhelm; Thielen, Gerd; and Derichs, Eberhard, 4,498,527, Cl. 165-89.000.
- Thielen, Thomas J.: *See—*
  - Zelinka, Richard J.; Sutherland, George K.; and Thielen, Thomas J., 4,540,877, Cl. 219-497.000.

- Thielenhaus, Ernst, to Ernst Thielenhaus KG. Method of and apparatus for holding a shaft during finish grinding. 4,519,170, 5-28-85, Cl. 51-289.00R.
- Thieler, Wolfgang: *See—*
  - Lutz, Dieter; and Thieler, Wolfgang, 4,501,348, Cl. 192-106.100.
- Thielscher-Electronic GmbH: *See—*
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- Thiem, Carol J.; Lavering, Gordon R.; and Valier, Gerald A., to Varian Associates, Inc. Fast-acting tuner for multiple-channel klystrons. 4,546,325, 10-8-85, Cl. 330-45.000.
- Thiem, Karl W.; and Vanderpool, Daniel P., to Mobay Chemical Corporation. Process for the production of 5-nitro-acet-2,4-xylidine. 4,552,981, 11-12-85, Cl. 564-146.000.
- Thiemann, Karl-Heinz; Weinert, Hans-Juergen; and Rauchle, Wilfried, to Daimler-Benz Aktiengesellschaft. Soldering foil for stress-free joining of ceramic bodies to metal. 4,562,121, 12-31-85, Cl. 428-607.000.
- Thieme, Thomas R.: *See—*
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- Thiemer, Heinz: *See—*
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- Thiemer, Klaus: *See—*
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- Thienel, Bernhard. Safety fuse cartridge. 4,527,143, 7-2-85, Cl. 337-242.000.
- Thieneman, Michael D.: *See—*
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- Thierbach, Mark E., to AT&T Bell Laboratories. Microprocessor with PLA adapted to implement subroutines. 4,493,029, 1-8-85, Cl. 364-200.000.
- Thiermann, William E., Sr., to Racine Federated Inc. Remote control handle assembly. 4,527,651, 7-9-85, Cl. 180-19.200.
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- Thierstein, Hans, to Grapha-Holding AG. Apparatus for temporary storage of paper sheets. 4,528,794, 7-16-85, Cl. 53-118.000.
- Thies GmbH & Co.: *See—*
  - Eckrodt, Gunter, 4,495,785, Cl. 68-62.000.
- Thies, Peter: *See—*
  - Fudickar, Harald; and Thies, Peter, 4,554,043, Cl. 156-502.000.
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- Thies, Peter W.; and David, Samuel, to Kali-Chemie Aktiengesellschaft. 2,6-dioxa-bicyclo-[2,2,2]-octane-7-yl-acetaldehydes. 4,526,991, 7-2-85, Cl. 549-363.000.
- Thigpen, Ben B., to Western Geophysical Company of America. Marine streamer cable recovery system. 4,541,079, 9-10-85, Cl. 367-19.000.
- Thigpen, David R.: *See—*
  - Lawson, Jimmie B.; and Thigpen, David R., 4,502,541, Cl. 166-275.000.
  - Reisberg, Joseph; Bielamowicz, Lawrence J.; and Thigpen, David R., 4,493,371, Cl. 166-274.000.
- Thigpen, Hubert H.; and Clos, Richard J., to Celanese Corporation. Method of manufacture for paraformaldehyde prills. 4,550,213, 10-29-85, Cl. 568-458.000.
- Thigpen, Lawrence E., to Polaroid Corporation. Polarized optical fiber and method of forming same. 4,557,742, 12-10-85, Cl. 65-2.000.
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- Thijssen, Henricus A. C.; and van der Malen, Bernardus G. M., to Douwe Egberts Koninklijke Tabaksfabriek-Koffiebranderijen-Theehandel B.V. Process for countercurrent crystallization with recirculation. 4,508,553, 4-2-85, Cl. 62-541.000.
- Thill, Fernand: *See—*
  - Goedert, Jean; Thill, Fernand; Henrion, Romain; Klein, Henri; Liesch, Jean-Francois; and Peckels, Jean, 4,524,958, Cl. 266-272.000.
- Thill, Gerald D., to Spearhead Industries, Inc. Article decorating device. 4,531,475, 7-30-85, Cl. 118-503.000.
- Thillays, Jacques C., to U.S. Philips Corporation. Light-emitting device having at least two semiconductor crystals. 4,560,901, 12-24-85, Cl. 313-499.000.
- Thillen, Guy: *See—*
  - Legille, Edouard; Bernard, Gilbert; Cimenti, Giovanni; and Thillen, Guy, 4,526,536, Cl. 432-238.000.
- Thilly, William G.: *See—*
  - Crespi, Charles L.; and Thilly, William G., 4,532,204, Cl. 435-29.000.
- Thilo, Peer: *See—*
  - Kratzer, Wolfgang; and Thilo, Peer, 4,503,395, Cl. 324-253.000.
  - Moser, Otto W.; and Thilo, Peer, 4,517,554, Cl. 340-514.000.
  - Oberstein, Karla; and Thilo, Peer, 4,514,720, Cl. 340-511.000.
  - Oberstein, Karla; and Thilo, Peer, 4,543,565, Cl. 340-506.000.
- Thim, Stig, to A-Betong AB; and Sabema Material AB. Method of manufacturing concrete sleeper blocks. 4,495,127, 1-22-85, Cl. 264-157.000.
- Thim, Stig, to A-Betong AB; and Sabema Material AB. Matrix array for manufacturing concrete sleeper blocks. 4,522,367, 6-11-85, Cl. 249-86.000.
- Thimel-Baumer, Heidi. Preparation of anti-T-lymphocyte globulin. 4,541,953, 9-17-85, Cl. 260-112.00B.
- Thimsen, James A.: *See—*
  - Caspari, Richard B.; Whipple, Terry L.; and Thimsen, James A., 4,549,540, Cl. 128-133.000.
- Think Laboratory Co., Ltd.: *See—*
  - Shigeta, Tatsuo, 4,519,887, Cl. 204-212.000.
- Thinschmidt, Hans; and Mittelmann, Rudolf, to Siemens Aktiengesellschaft. Bus system with optical waveguides having collision detection. 4,561,118, 12-24-85, Cl. 455-608.000.
- Thinschmidt, Hans: *See—*
  - Sauer, Anton; and Thinschmidt, Hans, 4,516,204, Cl. 364-200.000.
- Thiokol Corporation: *See—*
  - Barnes, Michael W.; Kristofferson, Clifford E.; and Manzara, Anthony P., 4,506,069, Cl. 528-232.000.
  - Bell, Frank H., 4,495,870, Cl. 102-511.000.
  - Bell, Frank H., 4,515,080, Cl. 102-205.000.
  - Biddle, Richard A.; and Sutton, Ernest S., 4,527,389, Cl. 60-207.000.
  - Bolieau, Christopher W., 4,503,773, Cl. 102-202.000.
  - Chu, Yuan C., 4,507,188, Cl. 204-159.230.
  - Faupell, Lawrence C., 4,506,832, Cl. 239-265.350.
  - Grey, James T., Jr., 4,500,114, Cl. 280-742.000.
  - Hamel, Roger G.; and Poulin, Susan B., 4,491,554, Cl. 264-141.000.
  - Hessler, Richard O., 4,506,539, Cl. 73-4.00R.
  - Inman, Frank S.; Giedt, Donald C.; and Lushis, Donald V., 4,519,290, Cl. 87-7.000.
  - Inman, Frank S., 4,525,999, Cl. 60-407.000.
  - Johnson, Dell A.; and Bolieau, Christopher W., 4,495,763, Cl. 60-242.000.
  - Junior, Kenneth E.; and Byrd, James D., 4,492,779, Cl. 523-138.000.
  - Melas, Andreas A.; and O'Grady, John W., Jr., 4,506,815, Cl. 222-630.000.
  - Sparkman, David M., 4,515,317, Cl. 241-5.000.
  - White, C. Max, 4,498,292, Cl. 60-256.000.
  - Youngkeit, Dean, 4,530,855, Cl. 427-175.000.
- Thiotech, Inc.: *See—*
  - Tibbals, Rory L.; and Unger, Kim N., 4,530,758, Cl. 209-166.000.
  - Unger, Kim N.; Tibbals, Rory L.; and Smeltzer, Dennis V., 4,507,198, Cl. 209-166.000.
- Thir, Basil: *See—*
  - Camp, Ronald L.; Dexheimer, Edward M.; and Thir, Basil, 4,496,632, Cl. 428-395.000.
- Thirouard, Michel; and Arquie , Louis, to Thomson-CSF. Optical device containing a semiconductor laser. 4,562,350, 12-31-85, Cl. 250-239.000.
- Thirumalachar, Mandayam J.; Narasimhan, Mandayam J.; and Thirumalachar, Mandayam J. K., to Phyton/AG, Inc. Chemotherapeutic agents for the control of plant diseases. 4,544,666, 10-1-85, Cl. 514-460.000.
- Thirumalachar, Mandayam J. K.: *See—*
  - Thirumalachar, Mandayam J.; Narasimhan, Mandayam J.; and Thirumalachar, Mandayam J. K., 4,544,666, Cl. 514-460.000.
- Thiry, William; Westlund, Arnold E., Jr.; and Puckett, Clarence D., to GTE Products Corporation. Par spot lamp. 4,506,316, 3-19-85, Cl. 362-309.000.
- Thise-Fourgon, Marie-Rita, to Goodyear Tire & Rubber Company, The. Woven wire fabric and a tire having a tread reinforcing ply made thereof. 4,506,717, 3-26-85, Cl. 152-358.000.
- Thissen, Christopher P., to Walker Process Corporation. Water treatment apparatus. 4,522,714, 6-11-85, Cl. 210-150.000.
- Thissen, Christopher P., to Walker Process Corporation. Rotary biological contactor. 4,537,678, 8-27-85, Cl. 210-150.000.
- Thistleton, John S., to Clayton Dewandre Co., Ltd. Reciprocating exhauster. 4,525,128, 6-25-85, Cl. 417-550.000.
- Thobe, Nicholas D.: *See—*
  - Luebrecht, Donald; and Thobe, Nicholas D., 4,543,031, Cl. 414-631.000.
- Thoemel, Frank; and Hoffmann, Werner, to BASF Aktiengesellschaft. Preparation of 2,3,5-trimethyl-p-benzoquinone. 4,491,545, 1-1-85, Cl. 260-396.00R.
- Thoeny, Theodore T. Method for forming structures. 4,550,544, 11-5-85, Cl. 52-741.000.
- Thoese, Klaus, to Hoechst Aktiengesellschaft. Drafting film. 4,500,598, 2-19-85, Cl. 428-331.000.
- Thoese, Klaus, to Hoechst Aktiengesellschaft. Plastic film. 4,543,285, 9-24-85, Cl. 428-201.000.
- Thoese, Klaus, to Hoechst Aktiengesellschaft. Drafting material. 4,543,316, 9-24-85, Cl. 430-162.000.
- Tholander, Lars H. G., to Aktiebolaget IRO. Weft yarn storing, feeding and measuring device, preferably for jet weaving machines. 4,541,462, 9-17-85, Cl. 139-452.000.
- Tholen, Leo: *See—*
  - Aretz, Ulrich; Knors, Herbert; Maassen, Wilhelm; Reiners, Franz-Josef; and Tholen, Leo, 4,558,829, Cl. 242-35.50A.
- Thollot, Pierre: *See—*
  - Chetty, P. R. K.; Dhyanchand, John; and Thollot, Pierre, 4,542,440, Cl. 361-111.000.
- Thom, Elmar: *See—*
  - Fischer, Willy G.; and Thom, Elmar, 4,498,842, Cl. 416-155.000.

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Thompson, Thomas L., 4,555,292, Cl. 156-279.000.
Thompson, Thomas L., 4,559,894, Cl. 114-45.000.
Thoma, Friedrich X., to Dieter Graesslin Feinwerktechnik. Magnetically retentive programmable switching control device. 4,549,154, 10-22-85, Cl. 335-87.000.
Thoma, Friedrich X., to Dieter Graesslin Feinwerktechnik. Multi-range timer switch device. 4,558,192, 12-10-85, Cl. 200-35.00R.
Thoma, Fritz, to Dieter Graesslin Feinwerktechnik. Module unit time switch disk assembly. 4,507,526, 3-26-85, Cl. 200-38.00R.
Thoma, Klemens: *See—*
von der Bey, Thomas; Jankowski, Detlef; Schmidt, Hartmut; Thoma, Klemens; and Volker, Wolfgang, 4,532,779, Cl. 62-514.00R.
Thoma, Martin, to MTU Motoren-und Turbinen-Union Munchen GmbH. Method for recognizing structural inhomogeneities in titanium alloy test samples including welded samples. 4,551,434, 11-5-85, Cl. 436-5.000.
Thoma, Matthias, to Industrie Chemie Thoma GmbH & Co Produktions KG. Process for the production of guanidine nitrate from a mixture of urea and ammonium nitrate. 4,535,185, 8-13-85, Cl. 564-242.000.
Thoma, Nandor G.: *See—*
Cases, Moises; Kraft, Wayne R.; Stahl, William L., Jr.; and Thoma, Nandor G., 4,500,800, Cl. 307-468.000.
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Thoma, Peter, to Maag Gear-Wheel & Machine Company Limited. Control arrangement for a gear testing machine. 4,498,335, 2-12-85, Cl. 73-162.000.
Thoma, Richard: *See—*
Pipper, Gunter; Schmidt, Franz; Theysohn, Rainer; Riegger, Siegfried; Heil, Eduard; Fischer, Hermann; Thoma, Richard; and Matthies, Paul, 4,540,772, Cl. 528-335.000.
Thoma, Wilhelm; Langel, Rolf; Schmitz, Anton; and Schroer, Walter, to Bayer Aktiengesellschaft. Process for the preparation of coating compositions, aqueous dispersions of PU reactive systems and their use for coating. 4,507,413, 3-26-85, Cl. 524-42.000.
Thoma, Wilhelm; Nachtkamp, Klaus; Schroer, Walter; and Langel, Rolf, to Bayer Aktiengesellschaft. Aqueous polyurethane compositions containing crosslinking agents and their use for heat-active one-coat reverse coating. 4,543,144, 9-24-85, Cl. 156-230.000.
Thoma, Wilhelm: *See—*
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Thomann, Roland; and Amann, Markus, to Polydrain, Inc. Slotted drainage grate with support. 4,515,498, 5-7-85, Cl. 404-4.000.
Thomann, Roland; and Amann, Markus, to Polydrain, Inc. Slotted drainage grate with support. 4,553,874, 11-19-85, Cl. 404-4.000.
Thomas, A. Lynn, to Thomas Tree Stand Co., Inc. Portable hunter tree stand. 4,552,246, 11-12-85, Cl. 182-116.000.
Thomas A. Schutz Co., Inc.: *See—*
Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., 4,494,658, Cl. 211-49.00R.
Simon, Virgil S.; Adenau, Marvin L.; and Skalski, John S., 4,537,316, Cl. 211-133.000.
Simon, Virgil S.; Gutowsky, Arthur C.; and Haluzak, Nestor T., 4,549,712, Cl. 248-224.400.
Thomas, Alan; and Glaze, Stanley G., to Lucas Industries Inc. Valve arrangement for regulating vehicle suspension damping pressures. 4,511,022, 4-16-85, Cl. 188-299.000.
Thomas, Alan D.: *See—*
Jackman, Peter R.; and Thomas, Alan D., 4,533,801, Cl. 200-61.45R.
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Morris, Anthony F.; Delay, Francois; Gautschi, Fritz; Thomas, Alan F.; Giersch, Wolfgang K.; and Boschung, Andre, 4,543,429, Cl. 568-446.000.
Thomas, Alfonso. Air heating and filtering apparatus. 4,539,896, 9-10-85, Cl. 98-1.000.
Thomas, Alun. Internal combustion engine. 4,541,376, 9-17-85, Cl. 123-280.000.
Thomas, Andre: *See—*
Zumbrunn, Jean-Pierre; Levielle, Jean; Thomas, Andre; and Grangette, Francoise, 4,536,907, Cl. 8-149.100.
Thomas, Anthony J.: *See—*
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Thomas & Betts Corporation: *See—*
Apodaca, Jeffrey S., 4,513,170, Cl. 174-36.000.
Bawa, Jaspal S.; Couto, Luis R.; Rapacki, Edward S.; Wood, Alfred; and Pobuta, Walter A., deceased, 4,549,037, Cl. 174-65.0SS.
Bethurum, Gary C., 4,512,621, Cl. 339-99.00R.
Biswas, Ranjit, 4,519,658, Cl. 339-17.0CF.
Brandeau, Edward P., 4,518,216, Cl. 339-97.00P.
Brandeau, Edward P., 4,524,510, Cl. 29-861.000.
Brandeau, Edward P., 4,532,691, Cl. 29-566.400.
Christensen, Gordon D.; and Donaher, Charles J., 4,496,205, Cl. 339-74.00R.
Dienes, Zoltan B., 4,511,415, Cl. 156-48.000.
Dienes, Zoltan B.; and Mineur, Thomas L., 4,545,830, Cl. 156-48.000.
Fortsch, William A., 4,542,871, Cl. 248-73.000.
Garner, Peter; Stancati, Nicholas T.; and Szostak, Tadeusz, 4,503,744, Cl. 83-879.000.
Greenwood, William S., 4,504,698, Cl. 174-66.000.
Greenwood, William S., 4,521,969, Cl. 33-180.00R.
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Siano, Frank S., 4,560,217, Cl. 339-14.00R.
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Thomas, Bobby J.; and Heath, Billy J., to Conoco Inc. Seismic vibrator control system. 4,493,067, 1-8-85, Cl. 367-189.000.
Thomas, Bobby J.: *See—*
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Thomas, Calvin J.; and Day, William J., to Raytheon Company. Microprocessor controlled electric range. 4,527,049, 7-2-85, Cl. 219-449.000.
Thomas, Calvin J.; and Hurley, James E., to Raytheon Company. Air flow system for common cavity oven. 4,555,606, 11-26-85, Cl. 219-10.55R.
Thomas, Calvin J., to Raytheon Company. Microwave feed for common cavity oven. 4,556,771, 12-3-85, Cl. 219-10.55F.
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Thomas, Charles H., to Westinghouse Electric Corp. Low cost polyester modified phenolic resin containing a combination of long and short chain alkylphenols. 4,500,689, 2-19-85, Cl. 525-442.000.
Thomas, Charles L.: *See—*
Little, Victor, Jr.; and Thomas, Charles L., 4,536,152, Cl. 431-159.000.
Thomas, Charles P.: *See—*
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Thomas, Charles R. Therapeutic pillow. 4,513,462, 4-30-85, Cl. 5-442.000.
Thomas, Christian, to La Telemecanique Electrique. Contactor apparatus comprising means for automatically opening power circuits and a local control device. 4,495,538, 1-22-85, Cl. 361-115.000.
Thomas, Christopher L., to Intergraph Corporation. Switching circuit. 4,556,825, 12-3-85, Cl. 315-408.000.
Thomas, Cornelia; and Wingert, Rachel T. Hair curling device. 4,502,496, 3-5-85, Cl. 132-40.000.
Thomas, David; and Briggs, Eugene C., to Koehring Company. Portable LP space heater. 4,532,914, 8-6-85, Cl. 126-110.00C.
Thomas, David A. Battery shock eliminator. 4,506,748, 3-26-85, Cl. 180-68.500.
Thomas, David L.: *See—*
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Swain, James C.; and Thomas, David L., 4,533,299, Cl. 417-222.000.
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Thomas, David R.; and Tien, Paul C., to International Business Machines Corporation. FET memory with drift reversal. 4,534,017, 8-6-85, Cl. 365-149.000.
Thomas, Dean G.; and Kopnicky, Robert J., to Bethlehem Steel Corporation. Contact thermocouple assembly. 4,558,959, 12-17-85, Cl. 374-141.000.
Thomas, Delbert D. Apparatus for the selective retorting of carbonaceous materials. 4,501,644, 2-26-85, Cl. 202-99.000.
Thomas, Donald A.: *See—*
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Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., to Coulter Systems Corporation. Optical system for imaging an electrophotographic member. 4,493,549, 1-15-85, Cl. 355-3.00R.
Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., to Coulter Systems Corporation. Digital plate maker system and method. 4,504,126, 3-12-85, Cl. 350-469.000.
Thomas, Earl M. Anti-chatter assembly. 4,505,361, 3-19-85, Cl. 188-26.000.
Thomas, Edward B.; and Peters, Mark C., to Crepaco, Inc. Vertically extending heat exchanger. 4,535,836, 8-20-85, Cl. 165-86.000.
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- Thomas, Erwin: *See—*
  - Grosskinsky, Otto-Alfred; Frommer, Elmar; Ritz, Josef; Thomas, Erwin; and Weiss, Franz-Josef, 4,551,318, Cl. 423-265.000.
  - Rapp, Gunther; Thomas, Erwin; Muenster, Rolf; Caffall, Brodus E.; Cyr, Philip A.; and Jones, Thomas M., 4,491,567, Cl. 423-387.000.
  - Van Deyck, Frans; Weiss, Franz-Josef; Verberckt, Roger; Thomas, Erwin; Mangelschots, Benedikt; and Pijl, Paul, 4,507,271, Cl. 423-387.000.
- Thomas, Eugene W.: *See—*
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- Thomas, Evan G., to Allied Corporation. Brown stain suppressing phenol free and chlorinated hydrocarbons free photoresist stripper. 4,491,530, 1-1-85, Cl. 252-143.000.
- Thomas, Evan G.: *See—*
  - Hopkins, Ronald J.; Thomas, Evan G.; and Kieta, Harold J., 4,517,106, Cl. 252-79.400.
- Thomas, Floyd L.: *See—*
  - Segerson, Eugene E.; and Thomas, Floyd L., 4,533,209, Cl. 350-96.200.
- Thomas, Francis J. Vehicle lighting system. 4,495,444, 1-22-85, Cl. 315-82.000.
- Thomas, Frank O. Emergency medical pack. 4,513,866, 4-30-85, Cl. 206-570.000.
- Thomas, Gareth J.: *See—*
  - Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,515,969, Cl. 549-39.000.
  - Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,518,784, Cl. 549-39.000.
  - Broadhurst, Michael J.; Hassall, Cedric H.; and Thomas, Gareth J., 4,526,960, Cl. 536-6.400.
- Thomas, Geoffrey N.: *See—*
  - Cross, Peter E.; Dickinson, Roger P.; and Thomas, Geoffrey N., 4,551,468, Cl. 514-339.000.
- Thomas, Gerald A.; and Askins, William E., to Woodstream Corporation. Padded leghold trap. 4,557,068, 12-10-85, Cl. 43-90.000.
- Thomas, Gerald S.; Punshon, John; and Barr, John A., to Lucas Industries Inc. Fuel injection pumps. 4,531,496, 7-30-85, Cl. 123-495.000.
- Thomas, Gilles R., to International Paper Company. Interlocking corner structure on tray for frozen fruits and vegetables. 4,537,344, 8-27-85, Cl. 229-34.00R.
- Thomas, Glenn R.: *See—*
  - Mrenna, Stephen A.; Thomas, Glenn R.; and Haugh, Charles E., 4,503,408, Cl. 335-35.000.
  - Wallace, James B.; and Thomas, Glenn R., 4,516,100, Cl. 335-160.000.
- Thomas, Graham Edward: *See—*
  - Green, Kenneth, 4,512,251, Cl. 99-472.000.
- Thomas, Gunter: *See—*
  - Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
  - Goldmann, Siegfried; Boshagen, Horst; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Kazda, Stanislav, 4,492,703, Cl. 424-266.000.
  - Goldmann, Siegfried; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,789, Cl. 546-274.000.
  - Goldmann, Siegfried; Bossert, Friedrich; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,555,512, Cl. 514-302.000.
  - Heiker, Fred R.; Stoltefuss, Jurgen; Franckowiak, Gerhard; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,537,881, Cl. 514-25.000.
  - Stoltefuss, Jurgen; Franckowiak, Gerhard; Boshagen, Horst; Goldmann, Siegfried; Schramm, Matthias; Thomas, Gunter; and Gross, Rainer, 4,540,684, Cl. 514-32.000.
- Thomas, Harvel W.: *See—*
  - Thomas, Philip D.; and Thomas, Harvel W., 4,533,118, Cl. 254-202.000.
  - Thomas, Philip D.; and Thomas, Harvel W., 4,560,146, Cl. 254-202.000.
- Thos. Hill & Company Limited: *See—*
  - Preedy, John R., 4,508,208, Cl. 198-751.000.
- Thomas Industries, Inc.: *See—*
  - Hesprich, Donald N.; and Ware, William P., 4,529,148, Cl. 242-159.000.
  - LaBelle, Charles E., 4,545,405, Cl. 137-524.000.
- Thomas, Iran L.; and Lai, Chung J., to Occidental Research Corporation. Densification of phosphatic wastes and phosphoric acid slimes and solvent recovery. 4,530,764, 7-23-85, Cl. 210-637.000.
- Thomas J. Lipton, Inc.: *See—*
  - Binley, Gary N., 4,504,511, Cl. 426-565.000.
  - Blemlek, William A., 4,525,371, Cl. 426-557.000.
  - Butcher, Ian; Carrick, Gordon S.; and Hillman, Kevin P., 4,542,028, Cl. 426-100.000.
  - Tresser, David, 4,560,563, Cl. 426-101.000.
- Thomas, Jacques; and Raval, Claude, to Synthese et Creation. Packaging and handling device for an item that is to remain protected from any direct manual contact, and set including such a device and such and item. 4,542,825, 9-24-85, Cl. 206-363.000.
- Thomas, Jean-Claude, to Aluminium Pechiney. Heating apparatus for circulatory-firing open baking furnaces and process for use of the apparatus. 4,504,219, 3-12-85, Cl. 432-4.000.
- Thomas Jefferson University: *See—*
  - Katz, Philip; Brenman, Henry S.; Lowry, Louis D.; and Schwartz, Harold, 4,502,150, Cl. 381-70.000.
  - Katz, Philip; Brenman, Henry S.; Lowry, Louis D.; and Schwartz, Harold, 4,539,698, Cl. 381-70.000.
  - Katz, Philip; Brenman, Henry S.; Lowry, Louis D.; and Schwartz, Harold, 4,539,699, Cl. 381-70.000.
  - Katz, Philip; Brenman, Henry S.; Lowry, Louis D.; and Schwartz, Harold, 4,550,427, Cl. 381-70.000.
  - Osterholm, Jewell L., 4,532,591, Cl. 364-414.000.
- Thomas, John. Nail guide and set. 4,493,353, 1-15-85, Cl. 145-46.000.
- Thomas, John E.; Gretz, Ronald D.; and Tippins, George W., to Tippins Machinery Company, Inc. Apparatus for thermomechanically rolling hot strip product to a controlled microstructure. 4,505,141, 3-19-85, Cl. 72-38.000.
- Thomas, John E., to Tippins Machinery Company, Inc. Three stand mini mill method and apparatus. 4,522,050, 6-11-85, Cl. 72-229.000.
- Thomas, John E.; Gretz, Ronald D.; and Tippins, George W., to Tippins Machinery Company, Inc. Method for thermomechanically rolling hot strip product to a controlled microstructure. 4,537,643, 8-27-85, Cl. 148-12.00R.
- Thomas, John E.: *See—*
  - Anglin, Jeanne M.; Edwards, Richard R.; and Thomas, John E., 4,542,056, Cl. 428-116.000.
  - Ginzburg, Vladimir B.; and Thomas, John E., 4,491,006, Cl. 72-202.000.
- Thomas, John F., Jr.; and Morgan, Cleon C., to Donnelly Corporation. Sliding vent window. 4,502,248, 3-5-85, Cl. 49-374.000.
- Thomas, John F., Jr.: *See—*
  - Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.
- Thomas, John H., to Kerotest Manufacturing Corp. Pneumatic shut-off valve. 4,526,341, 7-2-85, Cl. 251-63.500.
- Thomas, John H.: *See—*
  - Owoc, James R.; Thomas, John H.; and Conley, Richard W., 4,513,779, Cl. 137-556.000.
- Thomas, John J., to American Greetings Corporation. Hand puppet with detachable facial elements. 4,504,240, 3-12-85, Cl. 446-100.000.
- Thomas, John M.: *See—*
  - Ballantine, James A.; Purnell, John H.; and Thomas, John M., 4,499,319, Cl. 585-467.000.
- Thomas, John S.: *See—*
  - Peppiatt, Harry R.; and Thomas, John S., 4,550,439, Cl. 383-8.000.
- Thomas Jourdan PLC: *See—*
  - Varndell, Sydney A.; Lawson, Douglas R.; and Fountain, Michael W., 4,536,906, Cl. 5-468.000.
- Thomas, Larry C., to State of Oregon acting by and through the State Board of Higher Education on behalf of Oregon State University, The. Gas chromatograph detector. 4,541,269, 9-17-85, Cl. 73-23.100.
- Thomas, Leslie D., to Westinghouse Electric Corp. Transmission system for TV signals. 4,492,978, 1-8-85, Cl. 358-134.000.
- Thomas, Leslie P., to Diamond Automations, Inc. Egg transfer system. 4,505,373, 3-19-85, Cl. 198-432.000.
- Thomas, Leslie P., to Diamond Automations, Inc. Egg transfer system. 4,519,505, 5-28-85, Cl. 209-513.000.
- Thomas, Leslie P.: *See—*
  - McEvoy, John C.; and Thomas, Leslie P., 4,519,494, Cl. 198-448.000.
- Thomas, Lewis H.: *See—*
  - Stott, Edward J.; Thomas, Lewis H.; and Jebbett, Norma J., 4,517,304, Cl. 436-518.000.
- Thomas, Lowell E.: *See—*
  - Volpe, Luke; and Thomas, Lowell E., 4,534,814, Cl. 156-300.000.
- Thomas, Lowell S.; and Paige, William P., to Dow Chemical Company, The. System for bonding additives to resin particles and resulting composition. 4,497,920, 2-5-85, Cl. 524-57.000.
- Thomas, Lowell S., to Dow Chemical Company, The. Carbonate polymer containing an ignition depressant composition. 4,558,081, 12-10-85, Cl. 524-100.000.
- Thomas, Mark S.: *See—*
  - Thomas, Stephen E.; and Thomas, Mark S., 4,539,496, Cl. 310-68.00B.
- Thomas, Michael: *See—*
  - Bergmann, Udo; Hansen, Guenter; Lach, Dietrich; Thomas, Michael; and Zeidler, Georg, 4,491,543, Cl. 534-677.000.
- Thomas, Michael J.; and McDonald, David B., to General Motors Corporation. Air valve. 4,513,771, 4-30-85, Cl. 137-315.000.
- Thomas, Mit. Fishing hook system having a sealed bait container, and method of making same. 4,554,756, 11-26-85, Cl. 43-44.990.
- Thomas, Monica C.: *See—*
  - Pandey, Ramesh C.; Toussaint, Margaret W.; McGuire, Jeffrey C.; and Thomas, Monica C., 4,501,699, Cl. 260-351.100.
- Thomas, Norman S., to Fairclough Civil Engineering Limited. Tunnel linings. 4,515,501, 5-7-85, Cl. 405-153.000.
- Thomas, Paul E.; and Raley, Garland E., to Ethyl Corporation. Perforated film. 4,535,020, 8-13-85, Cl. 428-131.000.
- Thomas, Paul M.; and Abrahamson, Daniel P., to Builders Equipment Company. High speed pusher. 4,492,503, 1-8-85, Cl. 414-152.000.
- Thomas, Perry W. Microwave clothes dryer. 4,490,923, 1-1-85, Cl. 34-1.000.
- Thomas, Philip D.; and Thomas, Harvel W. Stripper assembly for removing carpet. 4,533,118, 8-6-85, Cl. 254-202.000.
- Thomas, Philip D.; and Thomas, Harvel W. Stripper assembly for removing carpet. 4,560,146, 12-24-85, Cl. 254-202.000.

- Thomas R. Kelly, M.D., Inc.: *See—*
  - Kelly, Thomas R., 4,547,187, Cl. 604-49.000.
- Thomas, Ralph D. Snap on device for hardcover ring binder. 4,524,991, 6-25-85, Cl. 281-20.000.
- Thomas, Ralph H., Sr.: *See—*
  - Agbay, Albert J.; and Thomas, Ralph H., Sr., 4,512,485, Cl. 215-225.000.
  - Agbay, Albert J.; and Thomas, Ralph H., Sr., 4,519,514, Cl. 215-225.000.
- Thomas, Rees D., to Reese Scientific Corporation. High speed test tube agitator apparatus. 4,555,183, 11-26-85, Cl. 366-208.000.
- Thomas, Renard L.: *See—*
  - Ishibe, Nobuyuki; Thomas, Renard L.; and Tasset, Emmett L., 4,533,653, Cl. 502-242.000.
- Thomas, Richard C., to Upjohn Company, The. Analogs of the antibiotic spectinomycin. 4,523,022, 6-11-85, Cl. 549-354.000.
- Thomas, Richard H., to Marquip, Inc. Web cutting. 4,548,112, 10-22-85, Cl. 83-345.000.
- Thomas, Robert C.; Caldwell, Robert D.; and Doner, Douglas E., to Dow Chemical Company, The. Ruthenium coated electrodes. 4,507,183, 3-26-85, Cl. 204-98.000.
- Thomas, Robert F.: *See—*
  - Purves, Edward R.; and Thomas, Robert F., 4,524,085, Cl. 426-601.000.
- Thomas, Robert J.: *See—*
  - Anderson, Alfred J.; and Thomas, Robert J., 4,502,200, Cl. 29-526.00R.
- Thomas, Robert L., to Westinghouse Electric Corp. Vacuum interrupter contact structure and method of fabrication. 4,513,186, 4-23-85, Cl. 200-144.00B.
- Thomas, Robert T.: *See—*
  - Frost, Paul T.; and Thomas, Robert T., 4,499,376, Cl. 250-341.000.
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- Thomas, Rudy V., to Allied Corporation. Safety belt system with tension eliminating mechanism. 4,509,706, 4-9-85, Cl. 242-107.40A.
- Thomas, Rudy V., to Allied Corporation. Lock-up mechanism for a vehicle sensitive automotive seat belt retractor. 4,537,363, 8-27-85, Cl. 242-107.40A.
- Thomas, Rudy V., to Allied Corporation. Safety belt system for childs chair. 4,540,218, 9-10-85, Cl. 297-467.000.
- Thomas, Rudy V., to Allied Corporation. Pillar integrated web guide. 4,549,749, 10-29-85, Cl. 280-808.000.
- Thomas, Rudy V.: *See—*
  - Narayan, Surendra D.; and Thomas, Rudy V., 4,551,889, Cl. 24-196.000.
- Thomas, Samuel J.; Robich, James M.; and Hayes, Robert L., to Kendall Company, The. Pipe coating. 4,523,141, 6-11-85, Cl. 324-54.000.
- Thomas, Stanley N., to Pacific Power Control, Inc. Fluorescent-lighting-system voltage controller. 4,513,224, 4-23-85, Cl. 315-141.000.
- Thomas, Stephen E. Method and apparatus for transmitting from within a pneumatic wheel assembly. 4,531,112, 7-23-85, Cl. 340-58.000.
- Thomas, Stephen E.; and Thomas, Mark S. Externally mounted generators for pneumatic wheels. 4,539,496, 9-3-85, Cl. 310-68.00B.
- Thomas, Stephen J.: *See—*
  - Dowbenko, Rostyslaw; Stewart, Raymond S.; Hartman, Marvis E.; Gorman, Barbara; and Thomas, Stephen J., 4,499,150, Cl. 428-447.000.
  - Dowbenko, Rostyslaw; Stewart, Raymond S.; Hartman, Marvis E.; Gorman, Barbara; and Thomas, Stephen J., 4,499,151, Cl. 428-447.000.
- Thomas, Stephen R.: *See—*
  - Ackerman, Jerome L.; Clark, Leland C., Jr.; and Thomas, Stephen R., 4,558,279, Cl. 324-315.000.
- Thomas Swan & Co. Ltd.: *See—*
  - Richardson, Frank B., 4,526,721, Cl. 260-404.500.
- Thomas, Terence M.: *See—*
  - Pitts, John R.; Thomas, Terence M.; and Czanderna, Alvin W., 4,547,432, Cl. 428-448.000.
- Thomas, Terence N.; and Hogeboom, John G., to Northern Telecom Limited. Phase locked loop variable oscillator with switched capacitors. 4,539,531, 9-3-85, Cl. 331-11.000.
- Thomas, Thomas J.: *See—*
  - Morris, Susan M.; Thomas, Thomas J.; and Kalz, Dietmar, 4,549,980, Cl. 252-301.230.
- Thomas, Tommy; and West, John W., to Canada Cup, Inc. Injection blow molding process and apparatus. 4,540,543, 9-10-85, Cl. 264-526.000.
- Thomas Tree Stand Co., Inc.: *See—*
  - Thomas, A. Lynn, 4,552,246, Cl. 182-116.000.
- Thomas, Walter; and Lucatuorto, Peter, to Lik-Nu Porcelain, Inc. Repair laminate sheet for acrylic and fiberglass tubs. 4,511,621, 4-16-85, Cl. 428-285.000.
- Thomas, Walter M.: *See—*
  - Wang, David W.; Fisher, Michael M.; and Thomas, Walter M., 4,562,246, Cl. 528-423.000.
- Thomas, Wilbur R.: *See—*
  - Marchetti, Joseph R.; and Thomas, Wilbur R., 4,501,787, Cl. 428-236.000.
- Thomas Willett & Co. Ltd.: *See—*
  - Walton, Francis R., 4,545,736, Cl. 417-63.000.
- Thomas, William L., III: *See—*
  - Melton, Donald L.; and Thomas, William L., III, 4,542,897, Cl. 272-73.000.
- Thomas, William M.: *See—*
  - Moore, John W.; and Thomas, William M., 4,508,206, Cl. 198-365.000.
- Thomas, William R., to Baxter Travenol Laboratories, Inc. Process for making novel blood clotting enzyme compositions. 4,495,278, 1-22-85, Cl. 435-5.000.
- Thomas, William R.: *See—*
  - Nimke, Helmut E.; and Thomas, William R., 4,549,752, Cl. 285-55.000.
- Thomas, Willie J.: *See—*
  - Varga, Sandor I.; Dougherty, Richard L.; Dandy, Donny C.; and Thomas, Willie J., 4,511,158, Cl. 280-292.000.
- Thomaschewski, Hubertus P.: *See—*
  - Harms, Engelbert G.; Schmeitz, Axel W.; and Thomaschewski, Hubertus P., 4,551,362, Cl. 427-180.000.
- Thomassen & Drijver-Verblifa N.V.: *See—*
  - Dijkman, Berend J., 4,555,892, Cl. 53-142.000.
  - Kleinnibbelink, Gerrit J.; and Timmer, Anton O., 4,542,296, Cl. 250-359.100.
  - Post, Willem P., 4,510,830, Cl. 83-114.000.
- Thomassen, Hans R.: *See—*
  - Pedersen, Jack R.; Thomassen, Hans R.; and Henriksen, Svein, 4,547,626, Cl. 174-107.000.
- Thomassen International B.V.: *See—*
  - Alink, Aloysius J. W. O.; and van Marle, Berend P., 4,512,759, Cl. 494-14.000.
  - Alink, Aloysius J. W. O., 4,529,409, Cl. 48-211.000.
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- Thomasson, James T.: *See—*
  - Allen, Robert E.; and Thomasson, James T., 4,496,865, Cl. 310-80.000.
- Thomasson, William R., to Coles Cranes Limited. Booms for cranes or the like. 4,494,351, 1-22-85, Cl. 52-690.000.
- Thomasson, William R., to Coles Cranes Limited. Safe load indicator. 4,509,376, 4-9-85, Cl. 73-862.560.
- Thomasson, William R., to Coles Cranes Limited. Booms for cranes and the like. 4,518,090, 5-21-85, Cl. 212-189.000.
- Thomaswick, Ronald J.; and Rowley, James R., to PPG Industries, Inc. Adjustable shipping container for frangible sheet-like units. 4,512,473, 4-23-85, Cl. 206-454.000.
- Thome, Paul. Method and device for the automatic checking of the soundness of the welds of mechano-weld assemblies. 4,506,549, 3-26-85, Cl. 73-582.000.
- Thomerson, Clarence, to Regal International, Inc. Protector clamp for well control lines. 4,543,998, 10-1-85, Cl. 138-110.000.
- Thometz, Steve P. Multi-colored airbrush attachment system having a spiral mixing chamber and a wrist/arm-mounted paint reservoir. 4,546,922, 10-15-85, Cl. 239-304.000.
- Thomey, Henry W., to Dyneer Corporation. Belt tensioner. 4,551,120, 11-5-85, Cl. 474-135.000.
- Thomey, Henry W., to Dyneer Corporation. Belt tensioner. 4,557,707, 12-10-85, Cl. 474-101.000.
- Thominet, Michel: *See—*
  - Perrot, Jacques; and Thominet, Michel, 4,550,179, Cl. 548-571.000.
- Thominet, Michel L.; and Perrot, Jacques J., to Societe d'Etudes Scientifiques et Industrielles de l'Ile de France. N-(1-allyl-2-pyrrolidylmethyl)-2,3-dimethoxy-5-sulfamoylbenzamide and derivatives thereof and method for treating hot flushes associated with natural or surgical menopause. 4,499,019, 2-12-85, Cl. 514-428.000.
- Thommen, Werner F., to U.S. Philips Corporation. Method of and circuit arrangement for controlling the torque of a stepping motor. 4,506,206, 3-19-85, Cl. 318-696.000.
- Thompson, Alan D.: *See—*
  - Wakeling, Antony J.; and Thompson, Alan D., 4,494,110, Cl. 340-365.00R.
- Thompson, Alan E., to Expand-A-Line, Incorporated. Method and apparatus for replacing buried pipe. 4,507,019, 3-26-85, Cl. 405-154.000.
- Thompson, Albert N. Knee padding for work pants. 4,561,124, 12-31-85, Cl. 2-23.000.
- Thompson, Barbara J., to Texas Instruments Incorporated. Learning aid with match and compare mode of operation. 4,505,682, 3-19-85, Cl. 434-335.000.
- Thompson, Betty J.: *See—*
  - Smith, Stuart; Libertini, Louis J.; and Thompson, Betty J., 4,529,693, Cl. 435-7.000.
- Thompson, Bradley G.; and Jack, Thomas R., to Nova/Husky Research Corporation Ltd. Method of enhancing oil recovery by use of exopolymer-producing micro-organisms. 4,561,500, 12-31-85, Cl. 166-246.000.
- Thompson, Brian K.: *See—*
  - Belanger, James A.; Calvin, Douglas J.; and Thompson, Brian K., 4,552,297, Cl. 227-120.000.
- Thompson, Callie R.: *See—*
  - Clause, Marvin B., Jr.; and Thompson, Callie R., 4,542,893, Cl. 270-52.500.
- Thompson, Charles E.; Mooney, John J.; Keith, Carl D.; and Mannion, William A., to Engelhard Corporation. Polyfunctional catalysts and method of use. 4,552,733, 11-12-85, Cl. 423-213.500.

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Thompson, Clifford F.; and Thompson, Lawrence F., to Cliffside Pipelayers. Clamping apparatus for plastic pipe. 4,556,207, 12-3-85, Cl. 269-41.000.

Thompson, Craig D., to Minnesota Mining and Manufacturing Company. Cable tie. 4,498,507, 2-12-85, Cl. 140-93.200.

Thompson, Craig R.; Carnes, Ronald C.; and Naumann, Ted F., Jr., to General Electric Company. Ultrasonic sector scanner having fluid replacement capability. 4,517,840, 5-21-85, Cl. 73-644.000.

Thompson, Craig R.; and Naumann, Ted F., Jr., to General Electric Company. Ultrasonic scanning apparatus and positioning system. 4,548,374, 10-22-85, Cl. 248-123.100.

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Thompson, David A., to Corning Glass Works. Volatile metal complexes. 4,500,722, 2-19-85, Cl. 549-429.000.

Thompson, David A., to Corning Glass Works. Method for making a volatile cerium diketonate compound. 4,511,515, 4-16-85, Cl. 260-429.200.

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Miller, Stephen B.; Stewart, Ronald L.; and Thompson, David A., 4,501,602, Cl. 65-18.200.

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Thompson, David J.: *See—*

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Newton, David F.; and Thompson, David J., 4,493,785, Cl. 252-299.100.

Thompson, David L. Motorcycle power transmission and brake assembly. 4,494,622, 1-22-85, Cl. 180-227.000.

Thompson, David L.; Roline, Glenn M.; and Harrington, Richard J., to Medtronic, Inc. Digital circuit for control of gradual turn-on of electrical tissue stimulators. 4,520,825, 6-4-85, Cl. 128-422.000.

Thompson, David L.; Bennett, Robert M.; and Roline, Glenn M., to Medtronic, Inc. Telemetry system for a medical device. 4,556,063, 12-3-85, Cl. 128-419.0PT.

Thompson, David L.: *See—*

McDonald, Ray S.; Thompson, David L.; Rossing, Martin A.; and Hartlaub, Jerome T., 4,515,159, Cl. 128-419.0PG.

Thompson, David S.; and Scott, Darwin H., to United States of America, Energy. Aluminum battery alloys. 4,554,131, 11-19-85, Cl. 420-546.000.

Thompson, Dennis J., to AT&T Bell Laboratories. Multi-device apparatus synchronized to the slowest device. 4,493,053, 1-8-85, Cl. 364-900.000.

Thompson, Dennis J., to AT&T Bell Laboratories. Computer memory address matcher and process. 4,495,565, 1-22-85, Cl. 364-200.000.

Thompson, Dennis R., to Reliance Electric Company. Shaft bushing and hub assembly. 4,494,889, 1-22-85, Cl. 403-4.000.

Thompson, Donald R.: *See—*

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Thompson, Douglas K., to General Motors Corporation. End seal for turbine blade bases. 4,507,052, 3-26-85, Cl. 416-193.00A.

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Thompson, E. Earle, to Texas Instruments Incorporated. Data communications system with automatic communications mode. 4,519,029, 5-21-85, Cl. 364-200.000.

Thompson, Elmer E. Wiener roaster. 4,517,885, 5-21-85, Cl. 99-421.0HV.

Thompson, Ernest R. Pipe closure device. 4,506,705, 3-26-85, Cl. 138-89.000.

Thompson, Farish R. Charge placement device. 4,546,703, 10-15-85, Cl. 102-333.000.

Thompson, Floyd M., to Crutcher Resources Corporation. Method and apparatus for positioning a welding torch in automatic electric welding. 4,495,400, 1-22-85, Cl. 219-125.120.

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Thompson, Gary J. Decorative light display. 4,561,043, 12-24-85, Cl. 362-32.000.

Thompson, George H. B., to ITT Industries, Inc. Photodetector. 4,517,581, 5-14-85, Cl. 357-30.000.

Thompson, Herbert E., to Drivetec, Inc. Magnetic record/playback head positioning apparatus. 4,528,607, 7-9-85, Cl. 360-106.000.

Thompson, Herbert E., to Drivetec, Inc. Flexible magnetic disk clamping an injector mechanism. 4,539,614, 9-3-85, Cl. 360-99.000.

Thompson, Hubert R.: *See—*

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Thompson, Ivey G.: *See—*

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Thompson, James E.; and Broaddus, Charles D., to Procter & Gamble Company, The. Peroxygen bleach activators and bleaching compositions. 4,539,130, 9-3-85, Cl. 252-94.000.

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Thompson, James O. Featured price card holder. 4,557,064, 12-10-85, Cl. 40-10.00R.

Thompson, James P.: *See—*

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Thompson, Jeffrey W.: *See—*

Lewarchik, Ronald J.; and Thompson, Jeffrey W., 4,560,728, Cl. 525-123.000.

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Thompson, John A., to Henkel Corporation. Leather treatment composition. 4,491,645, 1-1-85, Cl. 524-112.000.

Thompson, John A., to Exxon Research & Engineering Co. Selective extraction solvent recovery using regenerated cellulose membrane under reverse osmosis conditions. 4,510,047, 4-9-85, Cl. 208-321.000.

Thompson, John A., to Henkel Corporation. Leather treatment composition and leather treating. 4,514,184, 4-30-85, Cl. 8-94.210.

Thompson, John A. Process for producing alkali metal ferrates utilizing hematite and magnetite. 4,545,974, 10-8-85, Cl. 423-594.000.

Thompson, John A. Process for preparing alkali metal ferrates. 4,551,326, 11-5-85, Cl. 423-594.000.

Thompson, John M.: *See—*

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Thompson, John S., to AT&T Bell Laboratories. Distributed timing system. 4,503,490, 3-5-85, Cl. 364-200.000.

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Thompson, Joseph V., Jr., to E-Zee Company. Non-tangling trot-line spooling apparatus. 4,546,569, 10-15-85, Cl. 43-57.300.

Thompson, Kathryn L.; Zambias, Robert A.; Hammond, Milton L.; and Chang, Michael N., to Merck & Co., Inc. Phenylthiomethyl-6-hydroxy-2,3-dihydrobenzo-pyran and analogs thereof useful as anti-inflammatory agents. 4,558,067, 12-10-85, Cl. 514-458.000.

Thompson, Kenneth J.; Rosenquist, Joel C.; and Foster, Wayne G., to Consolidated Foods Corporation. Material handling system. 4,550,670, 11-5-85, Cl. 112-121.110.

Thompson, Kenneth P.; and Ihde, Richard C., to Champion International Corporation. Barrier laminates for containment of essential oils and flavors and cartons made therefrom. 4,513,036, 4-23-85, Cl. 428-35.000.

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- Thompson, Lincoln. Hose end spray nozzle. 4,508,272, 4-2-85, Cl. 239-318.000.
- Thompson, Lionel D.; Jenkins, Harold E.; Hickerson, Richard A.; and Weaver, Russell E., to Mack Trucks, Inc. Engine control. 4,493,303, 1-15-85, Cl. 123-357.000.
- Thompson, Malcolm J.: *See—*
  - Nemanich, Robert J.; and Thompson, Malcolm J., 4,529,619, Cl. 427-86.000.
- Thompson, Marion E. Light bulb attached sign assembly. 4,517,758, 5-21-85, Cl. 40-431.000.
- Thompson, Marion E. Solar battery energizer. 4,539,516, 9-3-85, Cl. 320-48.000.
- Thompson, Mark S.; and Adams, Charles T., to Shell Oil Company. Hydrodenitrification catalyst. 4,548,920, 10-22-85, Cl. 502-219.000.
- Thompson, Matthew V.: *See—*
  - Ren, Chung-Li; Thompson, Matthew V.; and Wang, Han-Chiu, 4,500,859, Cl. 333-208.000.
- Thompson, Maynard L., to Honeywell Inc. Method of spacing the folds of a folded filter media. 4,547,950, 10-22-85, Cl. 29-445.000.
- Thompson, Michael D., to Advanced Micro Devices, Inc. Integrated circuit device accepting inputs and providing outputs at the levels of different logic families. 4,527,079, 7-2-85, Cl. 307-475.000.
- Thompson, Michael L.: *See—*
  - Forte, Don A.; and Thompson, Michael L., 4,496,905, Cl. 324-414.000.
- Thompson, Monty R. Manual work-feeding device and guard body for shaping machines. 4,499,933, 2-19-85, Cl. 144-134.00A.
- Thompson, Morice W.: *See—*
  - Davies, Stephen P.; and Thompson, Morice W., 4,539,362, Cl. 524-458.000.
- Thompson, Mortimer S., to Tri-Tech Systems International Inc. Multi-container carrier package and a method of assembly therefor. 4,509,639, 4-9-85, Cl. 206-159.000.
- Thompson, Neil E. S.; Redmore, Derek; Oude Alink, Bernardus A.; and Outlaw, Benjamin T., to Petrolite Corporation. Pyrimidines containing sulfur and amino groups as corrosion inhibitors. 4,539,404, 9-3-85, Cl. 544-335.000.
- Thompson, Neil E. S.: *See—*
  - Hausler, Rudolf H.; and Thompson, Neil E. S., 4,495,336, Cl. 252-8.55E.
- Thompson, Norman C.; and Poole, Steven J., to Plessey Overseas Limited. Adjustable ratio divider. 4,495,630, 1-22-85, Cl. 377-110.000.
- Thompson, Paul D., to DEC International, Inc. Teat cup inflation. 4,530,307, 7-23-85, Cl. 119-14.490.
- Thompson, Paul D., to DEC International, Inc. Milking claw. 4,537,152, 8-27-85, Cl. 119-14.540.
- Thompson, Paul J.: *See—*
  - Remes, R. Scott; and Thompson, Paul J., 4,548,335, Cl. 220-466.000.
- Thompson, Philip A.: *See—*
  - Meier, Gerd E. A.; and Thompson, Philip A., 4,522,183, Cl. 123-558.000.
- Thompson, R. Bruce, to United States of America, Energy. Method and apparatus for measuring stress. 4,522,071, 6-11-85, Cl. 73-597.000.
- Thompson, Ralph A., to General Motors Corporation. Bidirectional one-half rate counter. 4,532,643, 7-30-85, Cl. 377-45.000.
- Thompson, Ralph B., to PPG Industries, Inc. Method for producing esters from highly hindered carboxylic acids or their salts, and carbonates. 4,513,146, 4-23-85, Cl. 560-231.000.
- Thompson, Randall, Jr. Tide activated generator. 4,541,242, 9-17-85, Cl. 60-506.000.
- Thompson, Randall D.: *See—*
  - Carlin, John A.; Mesch, William G.; Mobeck, William L.; Thompson, Randall D.; Henthorn, Jules B.; and Lopez, Benjamin L., 4,551,719, Cl. 340-825.360.
- Thompson, Raymond W.; Kalidas, Navinchandra; Abbott, John H.; and Laffitte, David S., to Texas Instruments Incorporated. Intelligent electronic connection socket. 4,540,226, 9-10-85, Cl. 339-17.0CF.
- Thompson, Richard J.: *See—*
  - Hoffmeister, Lawrence D.; and Thompson, Richard J., 4,556,438, Cl. 156-79.000.
  - Hoffmeister, Lawrence D.; Madderra, Jimmy M.; and Thompson, Richard J., 4,561,568, Cl. 222-130.000.
- Thompson, Richard T.; Hinkle, Philip; and Carroll, Robert B., to Loctite Corporation. Article containing a thixotropic additive and cyanoacrylate monomer employed for developing latent fingerprints. 4,550,041, 10-29-85, Cl. 428-35.000.
- Thompson, Richard W.: *See—*
  - Kerko, David J.; Morgan, David W.; and Thompson, Richard W., 4,550,087, Cl. 501-13.000.
- Thompson, Robert E.; Gould, Gordon; and Soodak, Charles I., to Chevron Research Company. Armored cable containing a hermetically sealed tube incorporating an optical fiber. 4,522,464, 6-11-85, Cl. 350-96.230.
- Thompson, Robert E., to Chevron Research Company. Armored optical fiber cable. 4,523,804, 6-18-85, Cl. 350-96.230.
- Thompson, Robert E.: *See—*
  - Gould, Gordon; Soodak, Charles I.; and Thompson, Robert E., 4,504,112, Cl. 350-96.230.
- Thompson, Robert P., to RCA Corporation. Image display including a light-absorbing matrix of zinc-iron sulfide and method of preparation. 4,556,620, 12-3-85, Cl. 430-25.000.
- Thompson, Robert P., to RCA Corporation. Image display including a light-absorbing matrix of zinc-iron sulfide. 4,556,820, 12-3-85, Cl. 313-470.000.
- Thompson, Robert W.: *See—*
  - Pyatt, Lawrence A.; and Thompson, Robert W., 4,527,122, Cl. 324-226.000.
- Thompson, Roger A., to Adolph Coors Company. Photomultiplier tube assembly. 4,501,366, 2-26-85, Cl. 209-556.000.
- Thompson, Sharon E.; and Eastmond, Bruce C., to Motorola, Inc. Noise blanking arrangement to minimize blanker splatter. 4,510,624, 4-9-85, Cl. 455-223.000.
- Thompson, Stanley P. Flighting for horizontal dryers. 4,549,699, 10-29-85, Cl. 241-91.000.
- Thompson, Steven J.: *See—*
  - Hester, Troy L.; Thompson, Steven J.; and Long, James R., 4,547,974, Cl. 33-537.000.
- Thompson, Steven M.: *See—*
  - Mortvedt, Raymond L.; and Thompson, Steven M., 4,531,738, Cl. 273-73.00C.
- Thompson, Thomas D., III, to Georgia Kaolin Company, Inc. Organoclay antiozonant complex. 4,532,285, 7-30-85, Cl. 524-255.000.
- Thompson, Thomas L., to Thom-McI, Inc. Fiber-cement/plywood walking surface. 4,517,239, 5-14-85, Cl. 428-307.300.
- Thompson, Thomas L., to Thom-McI, Inc. Method of forming a non-skid surface wood panel. 4,555,292, 11-26-85, Cl. 156-279.000.
- Thompson, Thomas L., to Thom-McI, Inc. Fiber-cement deck structure. 4,559,894, 12-24-85, Cl. 114-45.000.
- Thompson, Thomas W., to Sanders Associates, Inc. Electric motor adapted to permit translational motion between field and armature. 4,556,828, 12-3-85, Cl. 318-254.000.
- Thompson, Timothy H.: *See—*
  - Bauers, Barton M.; Raudat, John L.; Ehlers, Raymond C.; and Thompson, Timothy H., 4,522,011, Cl. 53-55.000.
  - Raudat, John L.; and Thompson, Timothy H., 4,552,261, Cl. 198-425.000.
- Thompson, Timothy J., to Marathon Oil Company. Skimmer for floating roof tanks. 4,512,883, 4-23-85, Cl. 210-123.000.
- Thompson, Tommy L., to University of Arizona Foundation. Two stage cooling system. 4,532,777, 8-6-85, Cl. 62-434.000.
- Thompson, Warren S.: *See—*
  - Taverna, Arthur R.; and Thompson, Warren S., 4,515,847, Cl. 428-107.000.
- Thompson, William E. Windshield wiper. 4,490,880, 1-1-85, Cl. 15-250.420.
- Thompson, William E. Ball valve having improved seal means. 4,524,946, 6-25-85, Cl. 251-88.000.
- Thompson, William E.: *See—*
  - Perrella, Guido; and Thompson, William E., 4,553,583, Cl. 164-458.000.
- Thompson, William I.; Welter, Mark F.; and Jodry, Dean L., to Schlindler Haughton Elevator Corp. Locking mechanism for an elevator car door. 4,491,200, 1-1-85, Cl. 187-61.000.
- Thompson, William J., to Rockwell International Corporation. PLL phase error alarm related to associated receiver. 4,499,434, 2-12-85, Cl. 331-17.000.
- Thompson, William J., to Rockwell International Corporation. Third order PLL with increased high frequency gain. 4,506,232, 3-19-85, Cl. 331-16.000.
- Thompson, William J., to Rockwell International Corporation. Second or higher order PLL with increased low and medium frequency gain. 4,514,706, 4-30-85, Cl. 331-16.000.
- Thompson, William L., to Babcock & Wilcox Company, The. Dedicated correlator. 4,494,213, 1-15-85, Cl. 364-604.000.
- Thompson, William L.: *See—*
  - Ghering, Walter L.; and Thompson, William L., 4,512,200, Cl. 73-861.040.
  - Keyes, Marion A.; and Thompson, William L., 4,509,041, Cl. 340-578.000.
  - Keyes, Marion A., IV; and Thompson, William L., 4,511,882, Cl. 340-347.0DD.
  - Keyes, Marion A., IV; and Thompson, William L., 4,561,311, Cl. 73-861.220.
- Thoms, Roland, to Buckbee Mears Company. Television picture tube with aperture mask having recesses therein. 4,518,892, 5-21-85, Cl. 313-403.000.
- Thomsen, Arne: *See—*
  - Ransheim, Anders P.; Thomsen, Arne; and Holmgren, Per, 4,517,845, Cl. 73-861.050.
- Thomsen, Bernard D.; and Thomsen, Kenneth L. Transverse joint cell for concrete structures. 4,522,531, 6-11-85, Cl. 404-2.000.
- Thomsen, Jack W. Faucet device with replaceable valve cartridge. 4,516,753, 5-14-85, Cl. 251-346.000.
- Thomsen, Joelle R.; and Fagerburg, David R., to Eastman Kodak Company. Polyesters and their manufacture from acids and glycol carbonates. 4,521,585, 6-4-85, Cl. 528-271.000.
- Thomsen, Karl V.; and Radler, Richard W., to Xerox Corporation. Welding of web materials. 4,532,166, 7-30-85, Cl. 428-57.000.
- Thomsen, Kenneth L.: *See—*
  - Thomsen, Bernard D.; and Thomsen, Kenneth L., 4,522,531, Cl. 404-2.000.
- Thomsen, Peter: *See—*
  - Morner, Bengt; Vollertsen, Otto; and Thomsen, Peter, 4,560,040, Cl. 188-77.00R.
- Thomsen, Svend E.; and Kyster, Erik, to Danfoss A/S. Hydraulic control apparatus particularly steering apparatus. 4,505,109, 3-19-85, Cl. 60-386.000.
- Thomsen, Svend E.; and Christensen, Thorkild, to Danfoss A/S. Hydraulic control apparatus for a servo-motor, particularly for vehicle steering. 4,535,678, 8-20-85, Cl. 91-29.000.

- Thomsen, Svend E.; and Christensen, Thorkild, to Danfoss A/S. Hydraulic control apparatus for a servomotor. 4,548,035, 10-22-85, Cl. 60-384.000.
- Thomsen, Svend E.: *See—*
  - Petersen, Hans C.; and Thomsen, Svend E., 4,502,855, Cl. 418-15.000.
  - Petersen, Hans C.; Kyster, Erik; and Thomsen, Svend E., 4,533,303, Cl. 418-61.00B.
  - Petersen, Hans C.; Kyster, Erik; and Thomsen, Svend E., 4,557,676, Cl. 418-61.00B.
- Thomsen, Torben H., to Dalso Maskinfabrik AF 1976 A/S. Woodburning stove, fireplace or the like. 4,561,420, 12-31-85, Cl. 126-77.000.
- Thomsen, Uwe H.: *See—*
  - Klocke, Harald; and Thomsen, Uwe H., 4,561,344, Cl. 91-358.00A.
- Thomson, Alasdair I.; and King, Frank, to Johnson Matthey Public Limited Company. Catalytic selective hydrogenation of aliphatic unsaturation in copolymers. 4,501,685, 2-26-85, Cl. 502-167.000.
- Thomson, Alexander: *See—*
  - Roach, Peter F.; Caldwell-Nichols, Christopher J.; and Thomson, Alexander, 4,507,603, Cl. 324-61.00P.
- Thomson-Brandt: *See—*
  - Binder, Germaine; and Kremer, Bernard, 4,524,241, Cl. 174-119.00R.
  - Bouchant, Jean C., 4,491,974, Cl. 455-159.000.
  - Henrard, Jose ; Jacquemin, Marie-Noelle; and Leduc, Michel, 4,503,299, Cl. 200-61.520.
  - Moraillon, Jean-Yves, 4,553,159, Cl. 358-44.000.
  - Pissot, Guy, 4,496,177, Cl. 292-87.000.
- Thomson-CGR: *See—*
  - Caugant, Jean; and Stephan, Guy, 4,559,641, Cl. 378-181.000.
- Thomson-CSF: *See—*
  - Albarello, Alain; Roullet, Andre; and Pimentel, Alberto, 4,492,936, Cl. 332-19.000.
  - Alet, Robert; and Vignault, Eric, 4,496,323, Cl. 434-29.000.
  - Arditty, Herve; Bourbin, Yannic; Dubos, Jacques; Gautnier, Francis; and Graindorge, Philippe, 4,509,968, Cl. 65-10.100.
  - Arditty, Herve; and Rollin, Michel, 4,542,338, Cl. 324-117.00R.
  - Arditty, Herve; and Graindorge, Philippe, 4,547,650, Cl. 219-121.0LE.
  - Arditty, Herve; and Graindorge, Philippe, 4,548,631, Cl. 65-3.100.
  - Arnould, Jacques; and Tonnel, Eugene, 4,520,552, Cl. 29-571.000.
  - Arques, Marc, 4,554,571, Cl. 357-24.000.
  - Artigalas, Max, 4,500,871, Cl. 340-347.0DD.
  - Baer, Jean-Michel, 4,554,518, Cl. 333-33.000.
  - Ballegeer, Jean C.; and Nguyen, Duyet H., 4,495,573, Cl. 364-200.000.
  - Ballegeer, Jean C.; and Nguyen, Duyet H., 4,541,043, Cl. 364-200.000.
  - Baril, Michel; and Sillard, Gilles, 4,507,632, Cl. 333-258.000.
  - Beal, Gerard; and Coutures, Jean-Louis, 4,562,417, Cl. 333-165.000.
  - Berger, Jean-Luc; and Descure, Patrick, 4,506,299, Cl. 358-213.000.
  - Bert, Alain, 4,528,524, Cl. 331-56.000.
  - Blanchandin, Monique; Girardat, Roland; and Vanestrenvord, Jean-Michel, 4,555,675, Cl. 330-289.000.
  - Blanchard, Pierre, 4,553,113, Cl. 333-122.000.
  - Blum, Guy, 4,541,121, Cl. 455-103.000.
  - Bossaert, Jean, 4,551,679, Cl. 324-309.000.
  - Boubouleix, Albert, 4,491,843, Cl. 343-702.000.
  - Bouhelier, Francis; and Vialatte, Claude, 4,553,223, Cl. 364-900.000.
  - Boutrois, Guy, 4,494,691, Cl. 235-470.000.
  - Bricot, Claude, 4,513,407, Cl. 369-44.000.
  - Bricot, Claude; Gerard, Jean-Louis; and Audoin, Michel, 4,535,431, Cl. 369-44.000.
  - Bricot, Claude; Berthet, Pierre; Mertz, Bruno; and Gerard, Jean-Louis, 4,556,966, Cl. 369-52.000.
  - Bricot, Claude; Berthet, Pierre; and Gerard, Jean-Louis, 4,562,564, Cl. 369-44.000.
  - Briere, Pierre, 4,505,022, Cl. 29-571.000.
  - Broussoux, Dominique; Facoetti, Hugues; Ravinet, Pierre; Bernard, Daniel; and Micheron, Francois, 4,500,377, Cl. 156-164.000.
  - Broussoux, Dominique; Facoetti, Hugues; and Micheron, Francois, 4,508,668, Cl. 264-22.000.
  - Broussoux, Dominique; Facoetti, Hugues; Micheron, Francois; and Monnerie, Lucien, 4,521,322, Cl. 252-62.900.
  - Buhart, Andre, 4,509,152, Cl. 367-123.000.
  - Bui-Hai, Nhu, 4,507,665, Cl. 343-786.000.
  - Bui-Hai, Nhu, 4,546,359, Cl. 343-781.00R.
  - Bui-Hai, Nhu, 4,546,471, Cl. 370-123.000.
  - Bursztejn, Jacques; and Part, Michel, 4,559,499, Cl. 329-50.000.
  - Bursztejn, Jacques; and Babany, Lucien, 4,562,307, Cl. 179-2.00E.
  - Caillat, Pierre, 4,511,870, Cl. 335-213.000.
  - Camps, Marcel; Douillard, Alain; Dubois, Jean-Claude; Gazard, Maryse; Montheard, Jean-Pierre; Pascal, Thierry; and Seytre, Gerard, 4,508,639, Cl. 252-500.000.
  - Carpe, Michel; Collin, Claude; and Pontif, Marc, 4,509,206, Cl. 455-245.000.
  - Catros, Jean Y., 4,519,085, Cl. 375-27.000.
  - Catros, Jean-Yves, 4,558,361, Cl. 358-136.000.
  - Caugant, Jean; and Dale, Jacques, 4,510,613, Cl. 378-152.000.
  - Caugant, Jean; and Dale, Jacques, 4,541,293, Cl. 74-89.180.
  - Chambron, Edmond, 4,545,571, Cl. 269-322.000.
  - Chanrion, Jean C., 4,560,960, Cl. 331-178.000.
  - Charavit, Jean-Claude; and Vandroux, Michele, 4,511,858, Cl. 331-10.000.
  - Charruau, Stephane, 4,495,622, Cl. 371-20.000.
  - Charruau, Stephane, 4,514,786, Cl. 361-413.000.
  - Chautemps, Jacques; and Descure, Pierrick, 4,553,168, Cl. 358-213.000.
  - Chomiki, Michel, 4,491,931, Cl. 364-861.000.
  - Collumeau, Yoland, 4,510,677, Cl. 29-588.000.
  - Contartese, Giulio; and Dietz, Joachim, 4,513,782, Cl. 137-625.630.
  - Cornet, Jean, 4,517,574, Cl. 346-135.100.
  - Cornet, Jean; Lange, Francois; Le Carvennec, Francois; Lehureau, Jean-Claude; and Rascle, Roger, 4,551,733, Cl. 346-137.000.
  - Coutures, Jean L., 4,513,211, Cl. 307-530.000.
  - Coutures, Jean-Louis, 4,543,640, Cl. 364-604.000.
  - Croset, Michel; and Mercandalli, Louis, 4,521,951, Cl. 29-571.000.
  - Croset, Michel; Dieumegard, Dominique; and Pribat, Didier, 4,540,452, Cl. 148-175.000.
  - d'Auria, Luigi; Auvray, Gerard; and Desormiere, Bernard, 4,529,986, Cl. 343-433.000.
  - de Chambost, Emmanuel; and Trotel, Jacques, 4,492,870, Cl. 250-398.000.
  - Delgrange, Louis, 4,546,289, Cl. 315-169.400.
  - Deman, Pierre; and Potage, Jean, 4,551,853, Cl. 455-72.000.
  - Deman, Pierre; and Butin, Henri, 4,554,668, Cl. 375-1.000.
  - Deman, Pierre; and Butin, Henri, 4,554,669, Cl. 375-1.000.
  - Deman, Pierre; and Potage, Jean, 4,562,571, Cl. 370-7.000.
  - Demeure, Alain, 4,542,455, Cl. 364-200.000.
  - Demuth, Dietmar, 4,499,902, Cl. 128-660.000.
  - Depey, Maurice, 4,550,491, Cl. 29-577.00C.
  - de Riviere, Charles, 4,511,864, Cl. 332-41.000.
  - Descamps, Bernard, 4,495,513, Cl. 357-43.000.
  - Devolder, Claude; and Gaultier, Gerard, 4,529,984, Cl. 343-5.0VQ.
  - Di Forte Poisson, Marie-Antoinette; Hirtz, Jean-Pierre; Duchemin, Jean-Pascal; and de Cremoux, Baudouin, 4,494,237, Cl. 372-45.000.
  - Doriath, Gerard; and Gaudry, Roger, 4,516,073, Cl. 324-244.000.
  - Douziech, Patrick; and Imbert, Michel, 4,553,156, Cl. 358-24.000.
  - Douziech, Patrick; and Imbert, Michel, 4,561,014, Cl. 358-25.000.
  - Drabowitch, Serge, 4,513,291, Cl. 343-771.000.
  - Drabowitch, Serge; and Leterrier, Guy, 4,544,925, Cl. 343-18.00E.
  - Dubois, Jean C.; Tourillon, Gerard; and Garnier, Francis, 4,543,306, Cl. 429-194.000.
  - Dubois, Jean-Claude; Ravaux, Gilles; and Le Barny, Pierre, 4,545,921, Cl. 252-299.620.
  - Dumont, Bernard; Proponet, Christian; Bancelin, Bernard; Brucker, Roland; Bories, Jean-Louis; and Klein, Christiane, 4,547,834, Cl. 361-386.000.
  - Dupressoir, Albert; and Salvat, Francois, 4,502,053, Cl. 343-727.000.
  - Dupressoir, Albert; and Devis, Georges, 4,529,989, Cl. 343-756.000.
  - Duret, Robert; and Henry, Dominique, 4,559,474, Cl. 315-3.600.
  - Elcrin, Alain; and Chambron, Edmond, 4,561,798, Cl. 403-109.000.
  - Eouzan, Jean Y.; and Boyer, Robert, 4,562,471, Cl. 358-172.000.
  - Eouzan, Jean-Yves, 4,528,595, Cl. 358-213.000.
  - Epsztein, Bernard; and Guyot, Lucien, 4,517,603, Cl. 358-213.000.
  - Estang, Bernard, 4,491,847, Cl. 343-765.000.
  - Estang, Bernard, 4,512,448, Cl. 188-378.000.
  - Favreau, Michel; Bajon, Jean; and Soca, Serge, 4,499,486, Cl. 358-37.000.
  - Fleuret, Daniel, 4,553,304, Cl. 29-25.420.
  - Fleury, Georges, 4,549,112, Cl. 315-3.600.
  - Fraise, Pierre, 4,516,271, Cl. 455-327.000.
  - Ganem, Herve, 4,493,111, Cl. 455-79.000.
  - Gauthier, Francis; and Gombert, Jean, 4,493,720, Cl. 65-3.120.
  - Gauthier, Francis; and Dubos, Jacques, 4,504,300, Cl. 65-10.100.
  - Gazard, Maryse; Tourillon, Gerard; and Garnier, Francis, 4,502,934, Cl. 204-242.000.
  - Gerard, Jean-Louis; Bricot, Claude; and Berthet, Pierre, 4,553,228, Cl. 369-46.000.
  - Gerard, Jean-Louis; Berthet, Pierre; Bricot, Claude; and Audoin, Michel, 4,561,082, Cl. 369-45.000.
  - Gimel, Bernard; and DeFay, Christian, 4,500,891, Cl. 346-76.0PH.
  - Graindorge, Philippe; and Arditty, Herve, 4,536,861, Cl. 367-149.000.
  - Graindorge, Philippe; and Arditty, Herve, 4,542,955, Cl. 350-3.630.
  - Grall, Georges; Joseph, Jacques; and Lemoine, Claude, 4,510,586, Cl. 367-87.000.
  - Grimberg, Martine; and Berard, Alain, 4,520,442, Cl. 364-414.000.
  - Guidevaux, Jacques, 4,551,693, Cl. 333-22.00R.
  - Hareng, Michel; and Moutou, Paul, 4,500,878, Cl. 340-713.000.
  - Hareng, Michel; Hehlen, Robert; Marcenac, Philippe; Le Berre, Serge; Leclerc, Pierre; and Perbet, Jean-Noel, 4,525,708, Cl. 340-713.000.
  - Hareng, Michel; Perbet, Jean-Noel; and Defrance, Michel, 4,525,709, Cl. 340-719.000.
  - Hareng, Michel; Perbet, Jean-Noel; and Graciet, Michel, 4,535,327, Cl. 340-719.000.
  - Hartemann, Pierre; Meunier, Paul-Louis; and Jacobelli, Alain, 4,515,016, Cl. 73-517.00R.
  - Heitzmann, Michel, 4,502,023, Cl. 331-107.00R.
  - Hetyei, Joseph, 4,518,964, Cl. 343-7.300.
  - Hetyei, Joseph; and Letocquart, Bruno, 4,559,538, Cl. 343-412.000.
  - Houdart, Michel; Arruberrenal, Edouard; and Maurette, Frederic, 4,523,163, Cl. 333-218.000.
  - Huignard, Jean P., 4,527,132, Cl. 332-7.510.
  - Huignard, Jean-Pierre, 4,491,867, Cl. 358-113.000.
  - Huignard, Jean-Pierre; Herriau, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, 4,492,468, Cl. 356-347.000.

- Huignard, Jean-Pierre; and Marrakchi El Fellah, Abdellatif, 4,505,536, Cl. 350-3.640.
- Huignard, Jean-Pierre; and Malard, Marcel, 4,520,484, Cl. 372-24.000.
- Huignard, Jean Pierre; and LeDu, Bertrand, 4,543,662, Cl. 455-600.000.
- Jay, Paul R.; and Rumelhard, Christian, 4,529,997, Cl. 357-22.000.
- Kaire, Jean C., 4,536,616, Cl. 179-81.00A.
- Labb, Georges, 4,553,164, Cl. 358-163.000.
- Lacoste, Jean P., 4,504,863, Cl. 358-167.000.
- Lacour, Clement F.; and Latouche, Yannick, 4,541,124, Cl. 455-327.000.
- Lamboley, Jean J., 4,518,867, Cl. 307-252.00B.
- Lange, Francois; and Cornet, Jean, 4,536,868, Cl. 369-284.000.
- Lassallette, Jean L.; Lepere, Guy; and Rotat, Gerard, 4,531,124, Cl. 343-5.0DP.
- Le Berre, Serge; and Hareng, Michel, 4,499,458, Cl. 340-713.000.
- Le Guen, Jacques; Delair, Jacques; and Plessis, Andre, 4,559,640, Cl. 378-113.000.
- Le Ny, Jacques; and Val, Christian, 4,518,818, Cl. 174-52.0FP.
- Le Parquier, Guy; and Puech, Claude, 4,502,037, Cl. 340-347.0AD.
- Leterme, Dominique; and Le Merer, Jean-Pierre, 4,542,492, Cl. 369-46.000.
- Lorieux, Roland, 4,538,118, Cl. 330-286.000.
- Louet, Daniel; and Darnois, Gilbert, 4,507,631, Cl. 333-222.000.
- Luginbuhl, Pierre; Parniere, Alain; and Argintaru, Lazare, 4,509,200, Cl. 455-12.000.
- Maerfeld, Charles; Josserand, Michel; and Gragnolati, Claude, 4,547,870, Cl. 367-155.000.
- Malbec, Yves; Boisot, Yves; Bontemps, Daniel; and Duhamel, Georges, 4,500,760, Cl. 200-83.00C.
- Malissin, Roland; and Monlouis, Claude, 4,554,653, Cl. 369-45.000.
- Moreau, Jean M., 4,543,522, Cl. 323-303.000.
- Mourier, Georges, 4,549,111, Cl. 315-4.000.
- Nuzillat, Gerard; and Bert, Georges, 4,514,649, Cl. 307-450.000.
- Palluel, Pierre; and Shroff, Arvind, 4,494,035, Cl. 313-346.00R.
- Papuchon, Michel; Arditty, Herve; and Puech, Claude, 4,560,867, Cl. 250-225.000.
- Parniere, Alain; and Bazenant, Dominique, 4,554,517, Cl. 332-18.000.
- Penhard, Serge J., 4,513,287, Cl. 343-5.0CF.
- Peynaud, Francois; Gosselin, Jean; Farcy, Andre; and Grandvaux, Bernard, 4,516,226, Cl. 367-6.000.
- Pham Ngu, Tung, 4,513,398, Cl. 365-189.000.
- Pham van Cang, Luc, 4,538,268, Cl. 371-20.000.
- Pham van Cang, Luc, 4,544,952, Cl. 358-210.000.
- Pham van Cang, Luc, 4,554,663, Cl. 371-20.000.
- Pichon, Laurence; and Huignard, Jean P., 4,514,038, Cl. 350-162.130.
- Pinsard, Herve; Collin, Claude; and Faydit, Joel, 4,561,101, Cl. 375-108.000.
- Plouviez, Eric, 4,504,800, Cl. 331-1.00A.
- Porrot, Pascal; and Rougeolle, Daniel, 4,506,333, Cl. 364-487.000.
- Potage, Jean; and Sidin, Philippe, 4,541,101, Cl. 375-28.000.
- Rascle, Roger; and Lange, Francois, 4,500,486, Cl. 264-335.000.
- Ravinet, Pierre; and Micheron, Francois, 4,518,555, Cl. 264-292.000.
- Ravinet, Pierre; Claudepierre, Christian; Guillou, Denis; and Micheron, Francois, 4,535,205, Cl. 179-110.00A.
- Resneau, Jean C.; Puyhaubert, Jean; Da Silva, Evelyne; and Lamontagne, Claude, 4,510,470, Cl. 333-142.000.
- Reymond, Jean C., 4,550,984, Cl. 350-404.000.
- Reymond, Jean-Claude; Bertrand, Gilles; and Gabanou, Roland, 4,494,201, Cl. 364-449.000.
- Richard, Christian; and Catros, Jean Y., 4,498,102, Cl. 358-133.000.
- Rouge, Jean, 4,501,150, Cl. 73-628.000.
- Rougeolle, Daniel; and Porrot, Pascal, 4,503,453, Cl. 358-13.000.
- Rougeolle, Daniel; and Porrot, Pascal, 4,541,009, Cl. 358-13.000.
- Thirouard, Michel; and Arquie , Louis, 4,562,350, Cl. 250-239.000.
- Tinet, Claude, 4,491,940, Cl. 364-46.000.
- Trong, Linh N.; and Chevrier, Jean, 4,539,501, Cl. 310-313.00A.
- Val, Christian, 4,559,579, Cl. 361-220.000.
- van Cang, Luc P., 4,559,553, Cl. 358-10.000.
- Van Den Driessche, Michel, 4,494,048, Cl. 315-408.000.

Thomson-CSF Broadcast, Inc.: *See—*
- Kruger, Robert A.; and Bateman, Wayne, 4,536,790, Cl. 358-111.000.
- McMann, Renville H., Jr., 4,536,799, Cl. 358-219.000.

Thomson-CSF Telephone: *See—*
- Athenes, Claude; Tarbouriech, Francois; and Poux, Gerard, 4,491,837, Cl. 340-825.020.
- Le Creff, Michel; Guillou, Francoise; and Buhagiar, Francois, 4,562,309, Cl. 179-90.00R.
- Nicolas, Alain; and Chapelain, Jean-Pierre, 4,493,022, Cl. 364-200.000.
- Nicolas, Alain; and Chapelain, Jean-Pierre, 4,511,959, Cl. 364-200.000.

Thomson, Daniel C. Marine door lockset. 4,536,020, 8-20-85, Cl. 292-173.000.

Thomson, David J., to AT&T Bell Laboratories. Clock phase control with time distribution of phase corrections. 4,493,094, 1-8-85, Cl. 375-119.000.

Thomson, David J., to AT&T Bell Laboratories. Multi-function data signal processing method and apparatus. 4,556,869, 12-3-85, Cl. 340-347.0DD.

Thomson, David S.: *See—*
- Marsham, Peter R.; and Thomson, David S., 4,520,027, Cl. 514-354.000.

Thomson, David W.; and Trimble, Donald E., to Harris Corporation. System for linearizing sweep of voltage controlled oscillator. 4,499,435, 2-12-85, Cl. 331-44.000.

Thomson, Ian D. M., to Arbonite Corporation. Coated pipe and method of making same. 4,493,864, 1-15-85, Cl. 428-36.000.

Thomson, Ian M., to Cable Belt Limited. Cables and process for forming cables. 4,550,559, 11-5-85, Cl. 57-223.000.

Thomson Industries, Inc.: *See—*
- Mugglestone, Peter; and Cline, John, 4,527,840, Cl. 308-6.00C.

Thomson, John G., to Gall Thomson Maritime Limited. Breakaway coupling. 4,501,287, 2-26-85, Cl. 137-68.00R.

Thomson-Leeds Company Inc.: *See—*
- Silver, William, 4,498,593, Cl. 211-49.00D.
- Silver, William, 4,522,306, Cl. 211-49.100.

Thomson, Matthew W. S.: *See—*
- Goldman, Stuart O.; Lissakers, Erik A.; and Thomson, Matthew W. S., 4,562,572, Cl. 370-80.000.

Thomson, Meredith C.: *See—*
- Loichinger, Fred A.; and Thomson, Meredith C., 4,501,196, Cl. 99-461.000.

Thomson, Timothy; and Glomski, Ronald L., to Dow Chemical Company, The. Dispersants for aqueous slurries. 4,541,965, 9-17-85, Cl. 260-505.00C.

Thone, Heinrich; Hargassner, Reinhard; Deibl, Gottfried; and Holleis, Gunter, to Voest-Alpine Aktiengesellschaft. Plate mould of a continuous casting plant. 4,516,622, 5-14-85, Cl. 164-416.000.

Thone, Heinrich: *See—*
- Schubert, Hermann; and Thone, Heinrich, 4,505,320, Cl. 164-440.000.
- Schubert, Hermann; Thone, Heinrich; and Kasmader, Richard, 4,541,478, Cl. 164-440.000.

Thoni, Werner; Huber, Peter; and Hohenegger, Karl, to Balzers Aktiengesellschaft. Optical element. 4,498,728, 2-12-85, Cl. 350-1.700.

Thoone, Martinus L. G.; Khoe, Giok D.; Kuppers, Dieter; and Gustin, Pol A. G. J., to U.S. Philips Corporation. Device for the optical scanning of a document. 4,495,412, 1-22-85, Cl. 250-227.000.

Thor, Charles C. Coupling system for power take-off shafts. 4,492,292, 1-8-85, Cl. 192-67.00R.

Thorandt, Herbert: *See—*
- Schiess, Wolfgang; and Thorandt, Herbert, 4,535,633, Cl. 73-706.000.

Thoratec Laboratories Corporation: *See—*
- Affeld, Klaus; Mohnhaupt, Axel; and Jorn, Frank, 4,559,648, Cl. 623-3.000.
- Miles, Clive, 4,540,406, Cl. 604-269.000.
- Miles, Clive; and Schneiderman, Gary, 4,551,131, Cl. 604-31.000.

Thoraval, Yvon, to Schlumberger Technology Corporation. Electromagnetic logging sonde having improved housing. 4,511,843, 4-16-85, Cl. 324-338.000.

Thoraval, Yvon, to Schlumberger Technology Corporation. Amplitude and phase measurement in electromagnetic logging. 4,547,733, 10-15-85, Cl. 324-338.000.

Thordarson, Gunnar G., to U.S. Philips Corporation. Electromagnetic proximity fuse. 4,503,775, 3-12-85, Cl. 102-214.000.

Thore, Thomas J., to Glenoit Mills, Inc. Pile fabric method and apparatus. 4,554,801, 11-26-85, Cl. 66-9.00B.

Thoren, Stellan, to ASEA Aktiebolag. Sound damping devices. 4,558,296, 12-10-85, Cl. 336-100.000.

Thorley, Graham R.; and Sullivan, Donald B., to Lift-U-Inc. Wheelchair lift. 4,556,128, 12-3-85, Cl. 187-9.00R.

Thorn, Carl L., Ernest F. Thorn, Alexandra L. Thorn, heirs: *See—*
- Carlisle, Thomas A.; Smith, Phillip R.; and Thorn, Frank H., deceased, 4,504,286, Cl. 55-20.000.

Thorn EMI Domestic Appliances Limited: *See—*
- Buttery, Michael H. C., 4,551,616, Cl. 219-460.000.
- Crossley, Peter W.; and Smith, Robert D., 4,551,617, Cl. 219-464.000.
- Frost, Kenneth S.; Halberstadt, Alex L.; and Letchford, John A., 4,556,786, Cl. 219-464.000.

Thorn EMI Ferguson Limited: *See—*
- Brooks, David, 4,543,616, Cl. 358-335.000.

Thorn EMI Gas Appliances Limited: *See—*
- Smith, Kenneth G.; and Collings, John, 4,542,735, Cl. 126-129.000.

Thorn EMI Instruments Limited: *See—*
- Marsh, Hugh R., 4,535,325, Cl. 340-636.000.

Thorn EMI plc: *See—*
- Chapman, John M.; and Antonis, Basil, 4,549,251, Cl. 362-216.000.
- Coaton, James R.; and Hussey, Douglas, 4,507,584, Cl. 313-624.000.
- Connor, Ian; and Crawshaw, Paul V., 4,532,455, Cl. 313-579.000.
- Denbigh, Paul L.; Seddon, Richard J.; and Jones, Bryan F., 4,539,511, Cl. 313-624.000.
- Hall, Robert; and Ainsworth, Thomas S., 4,542,316, Cl. 313-318.000.

Thorn, Frank H., deceased: *See—*
- Carlisle, Thomas A.; Smith, Phillip R.; and Thorn, Frank H., deceased, 4,504,286, Cl. 55-20.000.

Thorn, John E., to Therma-Tru Corp. Compression molded door assembly. 4,550,540, 11-5-85, Cl. 52-309.400.

Thorn, Joseph H.; and Prusak, John J., to RCA Corporation. Disc turnover device. 4,512,455, 4-23-85, Cl. 198-404.000.

Thorn, Joseph H.: *See—*
- Prusak, John J.; Lock, Brian E.; and Thorn, Joseph H., 4,503,806, Cl. 118-712.000.

Thorn, Richard P.; and Gupta, Bhagwati P., to Lord Corporation. Spring-like material formed of compressed metallic wire. 4,514,458, 4-30-85, Cl. 428-222.000.

Thornblom, Jan: *See—*
Santen, Sven; and Thornblom, Jan, 4,508,040, Cl. 110-347.000.
Santen, Sven; Mogensen, Palne; Kaij, Mats; and Thornblom, Jan, 4,543,470, Cl. 219-383.000.

Thorne, Gary H., to National Mine Service Company. Rock duster apparatus. 4,538,941, 9-3-85, Cl. 406-143.000.

Thorne, Keith. Fishing rod indicator. 4,507,890, 4-2-85, Cl. 43-17.000.

Thorne, Mark W. Invalid transfer means. 4,510,633, 4-16-85, Cl. 5-81.00R.

Thorne, William D., to International Business Machines Corporation. Bar band intersectional matrix printer. 4,540,296, 9-10-85, Cl. 400-121.000.

Thorne, William D.; and Sedgwick, David M., to International Business Machines Corporation. Printer having drive and control system for metal band holding print elements. 4,546,699, 10-15-85, Cl. 101-93.140.

Thornhill, Howard S.: *See—*
Sheppard, Roy J. P.; Thornhill, Howard S.; and Francis, Mark S., 4,497,608, Cl. 414-726.000.

Thornley, Derek; and Braithwaite, Jack, to Lucas Industries Inc. Relay circuit and relay therefor. 4,532,570, 7-30-85. Cl. 361-93.000.

Thornley, W. Ray; Wiser, James G.; and Lundahl, E. Cordell, to Ezra C. Lundahl, Inc. Automatic sonar activated height control for a header. 4,507,910, 4-2-85, Cl. 56-10.200.

Thornley, W. Ray: *See—*
Lundahl, E. Cordell; Wiser, James G.; Thornley, W. Ray; and Jensen, Laurel H., 4,550,554, Cl. 56-294.000.

Thornquist, Steven C.: *See—*
Bukhman, Yefim, and Thornquist, Steven C., 4,560,436, Cl. 156-643.000.

Thornton, Donald I.; and Peyton, Richard H., to Allied Corporation. Pump valve for liquid separator. 4,500,425, 2-19-85, Cl. 210-136.000.

Thornton, Douglas M.; and Mathis, Logan H., to Ross Operating Valve Company. Monitor for double safety valves. 4,542,767, 9-24-85, Cl. 137-596.160.

Thornton, F. James: *See—*
Pay, Clifford R.; and Thornton, F. James, 4,552,231, Cl. 175-330.000.

Thornton, Henry M.; and Thornton, John S., to Ashcombe Products Company. Gang cutting tool assembly and method of forming same. 4,491,295, 1-1-85, Cl. 249-53.00R.

Thornton, Ian; DeWitt, Kenneth W.; and Robertson, Simon A., to Keebler Company. Method of preparing a biscuit or cookie product. 4,517,209, 5-14-85, Cl. 426-383.000.

Thornton, John S.: *See—*
Thornton, Henry M.; and Thornton, John S., 4,491,295, Cl. 249-53.00R.

Thornton, Ken O. Irrigation system. 4,538,377, 9-3-85, Cl. 47-1.00R.

Thornton, Martin Q.: *See—*
Caverly, Lendall R., Jr.; Gleason, Robert F.; Hadfield, Don A.; McNerney, Norman E.; Meade, Daniel A.; Richardson, Alfred G.; Semitros, Nicholas; and Thornton, Martin Q., 4,541,970, Cl. 264-1.500.

Thornton, Max C., Jr.; Kuntz, Paul; Meyer, Russell L.; and Rosier, Kenneth M., to Harris Corporation. Pulsed linear integrated circuit tester. 4,528,504, 7-9-85, Cl. 324-158.00T.

Thornton, Michael G.; and Clark, Benton C., III, to Martin Marietta Corporation. Self-metering semi-automatic quantitative filtration assembly. 4,555,331, 11-26-85, Cl. 210-99.000.

Thornton, Paul A.: *See—*
Houlbrook, Kenneth; and Thornton, Paul A., 4,508,245, Cl. 222-327.000.

Thornton, Peter B.; Cone, Stanley H.; and Booz, George W., to Stern & Stern Textiles, Inc. Directional electrostatic dissipating fabric and method. 4,557,968, 12-10-85, Cl. 428-229.000.

Thornton, Raymond A.: *See—*
Allen, Wade H.; Cory, Theodore M.; and Thornton, Raymond A., 4,556,959, Cl. 364-900.000.

Thornton, Richard D.: *See—*
Matthias, Dan W.; and Thornton, Richard D., 4,507,000, Cl. 400-144.200.

Thorogood, Peter B. Prevention of thrombolic disorder with imidazole derivatives and salts thereof. 4,525,475, 6-25-85, Cl. 514-304.000.

Thorogood, Peter B. Imidazole derivatives and salts thereof, their synthesis and intermediates and pharmaceutical formulations. 4,528,195, 7-9-85, Cl. 514-396.000.

Thorogood, Peter B.; and Vinter, Jeremy G. Imidazole derivatives, compositions and use. 4,562,199, 12-31-85, Cl. 514-399.000.

Thorpe, Allan C.: *See—*
Evans, Vaughn R.; Harris, Richard H.; Thorpe, Allan C.; and Watts, John E., 4,561,790, Cl. 400-124.000.

Thorpe, Beatrice E.: *See—*
Walker, Stephen L.; and Thorpe, Beatrice E., 4,526,847, Cl. 430-18.000.

Thorpe, J. Derle: *See—*
Richardson, Gary H.; and Thorpe, J. Derle, 4,542,645, Cl. 73-64.100.

Thorpe, Merle L.: *See—*
Harrington, Kent W.; Stevens, John L.; and Thorpe, Merle L., 4,492,337, Cl. 239-81.000.

Thorpe, William, to British Telecommunications. Radio frequency alternate-path phase switch. 4,496,918, 1-29-85, Cl. 333-164.000.

Thorsbakken, Arden L. Tamper indicating container safety cover. 4,553,678, 11-19-85, Cl. 215-218.000.

Thorschmidt, Donald, to Acebee Manufacturing Co., a part interest. Method and apparatus for forming notches for gussets for expandable envelopes. 4,540,390, 9-10-85, Cl. 493-23.000.

Thorsen, Thomas A.: *See—*
Greenwood, Leon D.; and Thorsen, Thomas A., 4,492,190, Cl. 123-185.00A.

Thorsen Tool Company: *See—*
Konecny, James W., 4,524,653, Cl. 81-63.000.
Wenzel, Kenneth G.; and Duke, Jerry R., 4,524,652, Cl. 81-63.000.

Thorsett, Eugene D.: *See—*
Harris, Elbert E.; and Thorsett, Eugene D., 4,520,021, Cl. 514-212.000.

Thorsheim, Howard I.; and Roberts, Bruce B. Educational book with interactive elements. 4,537,576, 8-27-85, Cl. 434-404.000.

Thorsness, Charles B.: *See—*
Hill, Richard W.; Skinner, Dewey F.; and Thorsness, Charles B., 4,499,945, Cl. 166-50.000.

Thorsrud, Agmund K., to Phillips Petroleum Company. Method of making lightweight thermoplastic elastomer and product thereof. 4,556,603, 12-3-85, Cl. 428-283.000.

Thorsrud, Lee T.: *See—*
Bennett, Donald B.; Thorsrud, Lee T.; and Petschauer, Thomas W., 4,500,988, Cl. 370-85.000.

Thorsson, Conny R.; and Viira, Indrek J., to Alfa-Laval AB. Production of ethanol. 4,522,920, 6-11-85, Cl. 435-161.000.

Thorsted, Kenneth G.; and Pennington, John W., to United States of America, Navy. Erodale spin turbine for tube-launched missiles. 4,497,460, 2-5-85, Cl. 244-3.300.

Thorvaldsen, Sverre L. Device for a casting float. 4,534,127, 8-13-85, Cl. 43-41.200.

Thoseby, Michael R.: *See—*
Dobinson, Bryan; and Thoseby, Michael R., 4,540,769, Cl. 528-90.000.

Thottathil, John K.; Moniot, Jerome L.; Floyd, David; and Brandt, Steven, to E. R. Squibb & Sons, Inc. Method for making substituted prolines. 4,501,901, 2-26-85, Cl. 548-532.000.

Thouvenot, Roger: *See—*
Achard, Georges; Menault, Jacques; and Thouvenot, Roger, 4,529,768, Cl. 524-365.000.

Thrall Car Manufacturing Company: *See—*
Baker, William R., 4,543,887, Cl. 105-355.000.
Biegel, Robert A., 4,508,197, Cl. 188-47.000.

Thrash, Robert J.: *See—*
Prater, Keith B.; Thrash, Robert J.; and Connolly, John F., 4,520,083, Cl. 429-101.000.

Thrasher, David L.: *See—*
Tullis, Barclay J.; Parikh, Mihir; Thrasher, David L.; and Johnston, Mark E., 4,532,970, Cl. 141-98.000.

3-D Enterprises, Inc.: *See—*
Delso, James A., 4,502,250, Cl. 51-80.00A.

Three Dimensional Photography Corp., The: *See—*
Smith, Edgar C.; and Campbell, James B., 4,494,864, Cl. 355-22.000.

3-J-Co., Inc.: *See—*
Bennett, Jackie D.; Bennett, Johnnie R.; and Bennett, Jimmie D., Jr., 4,509,536, Cl. 130-30.00R.

Three Sisters Ranch Enterprises: *See—*
Bullock, Joseph J., III, 4,496,066, Cl. 215-320.000.
Bullock, Joseph J., III, 4,506,797, Cl. 215-256.000.

Threewitt, N. Bruce: *See—*
Breich, Joseph A.; Levy, Roy J.; Madewell, Jimmy; and Threewitt, N. Bruce, 4,542,454, Cl. 364-200.000.

Throckmorton, Morford C., to Goodyear Tire & Rubber Company, The. Process for nonaqueous dispersion polymerization of butadiene in the presence of polymeric dispersing agents. 4,508,881, 4-2-85, Cl. 526-201.000.

Throckmorton, Peter E.: *See—*
Goel, Anil B.; and Throckmorton, Peter E., 4,507,243, Cl. 260-410.500.

Thron, Werner: *See—*
Simon, Fritz; Korber, Klaus; Bandelow, Horst; Scherer, Michael; Wilke, Dieter; Thron, Werner; and Preuk, Gerhard, 4,554,707, Cl. 17-47.000.

Thrum, Edmund Arthur: *See—*
Laursen, Donald, Jr., 4,534,559, Cl. 273-113.000.

Thrush Incorporated: *See—*
Roberts, Peter, 4,537,280, Cl. 181-243.000.

Thrush, Roger L., to White Consolidated Industries, Inc. Rotary selector switch. 4,495,387, 1-22-85, Cl. 200-6.00B.

Thrush, Roger L., to AMP Incorporated. Edge connector for chip carrier. 4,557,548, 12-10-85, Cl. 339-258.00P.

Thrush, Roger L.: *See—*
Coller, James R.; and Thrush, Roger L., 4,558,912, Cl. 339-64.00M.

Thuasne-Paris: *See—*
Picolet, Jean-Pierre; Rudloff, Jean-Loup; and Courtet, Francois, 4,492,225, Cl. 128-87.00R.

Thubeauville, Heinz, to Dr. C. Otto & Comp. G.m.b.H. Stack cooler for dry quenching of coke. 4,497,691, 2-5-85, Cl. 202-228.000.

Thudt, Hubert; and Winkler, Harald, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Roller guide device for use on a vehicle. 4,554,874, 11-26-85, Cl. 104-247.000.

Thuen, Judy: *See—*
Hinrichs, Richard J.; and Thuen, Judy, 4,515,545, Cl. 425-143.000.
Hinrichs, Richard J.; and Thuen, Judy, 4,559,810, Cl. 73-54.000.

Thuer, Markus: *See—*
  Jehle, Nikolaus; Thuer, Markus; and Losert, Ewald, 4,502,957, Cl. 210-690.000.
Thuis, Robbert C.: *See—*
  Nieveen van Dijkum, Adalbertus H. J.; Thuis, Robbert C.; and Zandveld, Paul, 4,546,371, Cl. 357-51.000.
Thukral, Prem S.: *See—*
  Cayless, Richard A.; and Thukral, Prem S., 4,536,225, Cl. 148-6.15R.
Thul, James L., to Press, Inc., The. Tear-off pad rail clip. 4,537,310, 8-27-85, Cl. 206-526.000.
Thum, Oskar: *See—*
  von Torklus, Detlef; Thum, Oskar; and Wilharm, Friedrich, 4,532,921, Cl. 128-80.00C.
Thumm, Hans: *See—*
  Hartmann, Achim; and Thumm, Hans, 4,521,384, Cl. 423-72.000.
Thumm, Klaus A., to Stobb, Inc. Method and apparatus for handling a stack of sheets. 4,554,867, 11-26-85, Cl. 100-3.000.
Thummel, Rudolph C.; and Fory, Werner, to Ciba-Geigy Corporation. N-azidophenylsulfonyl-N'-pyrimidinyl ureas. 4,555,262, 11-26-85, Cl. 71-92.000.
Thummel, Rudolph C.: *See—*
  Riebli, Peter; Fischer, Hanspeter; Thummel, Rudolph C.; and Hubele, Adolf, 4,508,731, Cl. 514-472.000.
Thummler, Ursus: *See—*
  Kuxdorf, Bernhard; Luhr, Peter; Werner, Hugo; Thummler, Ursus; and Dorn, Friedrich-Wilhelm, 4,525,329, Cl. 422-202.000.
Thumser, Udo: *See—*
  Veith, Gustav G.; Schonenberger, Rolf; Thumser, Udo; and Ziegler, Georg, 4,527,484, Cl. 104-89.000.
Thun, Niels: *See—*
  Beierholm, Hans M.; and Thun, Niels, 4,547,842, Cl. 363-35.000.
Thun, Wayne E.: *See—*
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Thunberg, Allen L.: *See—*
  LaRossa, Denise D.; Thunberg, Allen L.; Norton, Gary E.; and Dappen, Glen M., 4,555,484, Cl. 435-21.000.
Thunberg, John Y. L.: *See—*
  Lindahl, Ulf P. F.; Backstrom, Gudrun E.; and Thunberg, John Y. L., 4,496,550, Cl. 514-54.000.
Thunberg, Svante B.: *See—*
  Edlund, Olof A.; Enser, Mats A.; Strage, Jan W.; Thunberg, Svante B.; and Wallmark, Erik I., 4,513,393, Cl. 364-900.000.
Thunder Bay Northland Machinery Inc.: *See—*
  Berglund, Norman, 4,543,179, Cl. 209-30.000.
Thune-Eureka A/S: *See—*
  Eriksen, Gunnar, 4,495,714, Cl. 34-111.000.
  Eriksen, Gunnar, 4,504,359, Cl. 162-274.000.
Thuot, Michael E.: *See—*
  Longmire, Jerry L.; Thuot, Michael E.; and Warren, David S., 4,510,451, Cl. 328-130.100.
Thurber, Charles H., Jr.; Behrens, Frederick A.; and Hunton, John H., to E-Systems, Inc. Ordnance delivery system and method including remotely piloted or programmable aircraft with yaw-to-turn guidance system. 4,530,476, 7-23-85, Cl. 244-3.210.
Thurber, Robert E.: *See—*
  Prengaman, Richard J.; Thurber, Robert E.; Phipps, Joe; Greenberg, Ronald I.; Hom, Wai L.; Jaworski, James F.; and Riffle, Guy W., 4,550,318, Cl. 343-5.0PD.
Thurber, Robert J., to Wahl Clipper Corporation. Cushioned massager. 4,513,736, 4-30-85, Cl. 128-41.000.
Thurber, Scott W., to Air Products and Chemicals, Inc. Method of interference-fitting male and female members. 4,555,839, 12-3-85, Cl. 29-450.000.
Thuries, Edmond, to Alsthom-Atlantique. Circuit breaker with incorporated current transformer. 4,521,657, 6-4-85, Cl. 200-148.00R.
Thuries, Edmond, to Alsthom-Atlantique. Puffer-type gas-blast circuit-breaker. 4,553,004, 11-12-85, Cl. 200-148.00A.
Thurlow, Heida L. Cookware with covers having metal handles. 4,494,274, 1-22-85, Cl. 16-110.00A.
Thurlow, John F., to Dennison Manufacturing Company. Transfer coating methods, compositions and products. 4,523,936, 6-18-85, Cl. 106-243.000.
Thurlow, Norman C.; Hayter, Walter R.; and Schockner, Richard C., to Westinghouse Electric Corp. Seismic restraint means. 4,536,653, 8-20-85, Cl. 250-390.000.
Thurman, Robert L.; and Williamson, Jimmie R., Jr., to Otis Engineering Corporation. Well system. 4,502,542, 3-5-85, Cl. 166-325.000.
Thurman, Robert L.: *See—*
  Williams, Charles R.; Yonker, John H.; and Thurman, Robert L., 4,494,608, Cl. 166-317.000.
Thurman, Truman D. Snap cravet necktie and knot form. 4,538,302, 9-3-85, Cl. 2-150.000.
Thurnau, Vernon L.; and Mariano, Arturo, to Butler Manufacturing Company. Deformable centering sleeve for tab of roof panel attachment clip unit. 4,557,098, 12-10-85, Cl. 52-712.000.
Thurne Engineering Company Limited: *See—*
  Antonissen, Peter, 4,531,436, Cl. 83-68.000.
  Antonissen, Peter, 4,532,840, Cl. 83-71.000.
  Hoyland, Trevor B., 4,534,149, Cl. 53-76.000.
  Hoyland, Trevor B., 4,537,005, Cl. 53-131.000.
Thurston, John F., to Garrett Corporation, The. Fuel mass flow measurement and control system. 4,508,127, 4-2-85, Cl. 137-8.000.
Thurston, Kurt W. Road barricade flasher light combination. 4,516,109, 5-7-85, Cl. 340-114.00B.
Thurston, Larry R.: *See—*
  Will, Neal; and Thurston, Larry R., 4,541,128, Cl. 2-84.000.
Thurston, Marlin O., to R. H. Burton Company. Refractor with optically encoded cylinder axis position. 4,523,822, 6-18-85, Cl. 351-234.000.
Thut, Robert S.: *See—*
  Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,498,956, Cl. 162-101.000.
  Cheshire, James O.; Lindgren, Douglas L.; Marinack, Robert J.; Janda, Bruce W.; Thut, Robert S.; Larkey, John T.; and Jostad, Ray E., 4,543,156, Cl. 162-101.000.
Thyes, Marco: *See—*
  Ostersehlt, Bernd; Franke, Albrecht; Frickel, Fritz-Frieder; Thyes, Marco; Friedrich, Ludwig; Gries, Josef; and Lenke, Dieter, 4,514,413, Cl. 514-397.000.
  Rossy, Phillip A.; Thyes, Marco; Franke, Albrecht; Koenig, Horst; Gries, Josef; Lehmann, Hans D.; and Lenke, Dieter, 4,544,562, Cl. 514-247.000.
Thygesen, Soren. Method for applying a screed coat to a roof surface. 4,491,608, 1-1-85, Cl. 427-186.000.
Thylen, Lars; Stensland, Leif; and Arvidsson, Gunnar, to Institutet for Optisk Forskning. Lensless spectrum analyzer. 4,511,206, 4-16-85, Cl. 350-96.110.
Thyni, Thomas, to Telefonaktiebolaget LM Ericsson. Apparatus for loading memories in a telecommunication exchange. 4,556,971, 12-3-85, Cl. 370-58.000.
Thys, Carl J.: *See—*
  Bauer, Martin W.; Thys, Carl J.; Fredriksen, Peter A.; Robin, David J.; and Schaar, Richard J., 4,562,595, Cl. 455-345.000.
Thysen, Albert A. P.; and Timmermans, Gilbert L. J., to ITT Industries, Inc. Laundry handling machine, rotational speed reduction arrangement and rinsing device. 4,498,317, 2-12-85, Cl. 68-12.00R.
Thyssen Aktiengesellschaft vorm. August Thyssen-Hutte: *See—*
  Bauer, Gerhard; Hees, Eckart; and Beckers, Karl-Dieter, 4,508,241, Cl. 222-600.000.
  Reizig, Hans-Jurgen; Meuters, Friedrich; and Louen, Hans-Richard, 4,497,192, Cl. 72-203.000.
  Rellermeyer, Heinrich; and Kaas, Werner, 4,533,384, Cl. 75-0.5BA.
Thyssen-Bornemisza Inc.: *See—*
  Choinski, Graydon J.; and Brooks, Dave W., 4,508,018, Cl. 92-128.000.
  Neff, Steven W.; and Borsh, Richard J., 4,494,779, Cl. 285-159.000.
  Pate, Harold T.; Laney, William R.; and Shell, Donald H., 4,495,970, Cl. 138-148.000.
Thyssen Industrie Aktiengesellschaft: *See—*
  Bornemann, Hans-Joachim; and Zlab, Horst, 4,518,262, Cl. 366-156.000.
  Eisenacher, Heinz, 4,528,879, Cl. 83-278.000.
  Harder, Helmut, 4,553,720, Cl. 244-137.00P.
  Piepenbreier, Ernst, 4,498,562, Cl. 188-58.000.
  Wcislo, Manfred; Breitenbach, Otto; Schatz, Friedrich; and Riepling, Ulrich, 4,557,038, Cl. 29-596.000.
Thyssen Nordseewerke GmbH: *See—*
  Waas, Heinrich; Freitas, Ayres; Schultz, Jurgen; and Varges, Gunter, 4,506,617, Cl. 114-41.000.
Thyssengas GmbH: *See—*
  Flockenhaus, Claus; Hackler, Erich; and Lommerzheim, Werner, 4,539,016, Cl. 48-197.00R.
TI (Group Services) Limited: *See—*
  Graham, William R., 4,517,721, Cl. 29-157.30C.
  Mumford, John L. C.; and Price, Roger F., 4,555,415, Cl. 427-193.000.
Ti Russell Hobbs Limited: *See—*
  Inskip, Michael; and Warren, Alan, 4,510,375, Cl. 219-328.000.
  Marchant, David J., 4,558,640, Cl. 99-307.000.
TIBA AG Kochherdfabrik und Apparatebau: *See—*
  Brunner, Ernst, 4,537,141, Cl. 110-300.000.
Tibbals, Rory L.; and Unger, Kim N., to Thiotech, Inc. Ore flotation method. 4,530,758, 7-23-85, Cl. 209-166.000.
Tibbals, Rory L.: *See—*
  Unger, Kim N.; Tibbals, Rory L.; and Smeltzer, Dennis V., 4,507,198, Cl. 209-166.000.
Tibbet Incorporated: *See—*
  Bechstein, Bradley L., 4,553,365, Cl. 52-483.000.
Tibbetts, Gary G., to General Motors Corporation. Ferric nitrate treatment for nucleating graphite fiber growth by methane pyrolysis. 4,491,569, 1-1-85, Cl. 423-447.300.
Tibbetts, Gary G.: *See—*
  Bradley, John R.; Burkstrand, James M.; and Tibbetts, Gary G., 4,497,788, Cl. 423-447.300.
Tibbetts, George C.: *See—*
  Stanley, W. Kent; and Tibbetts, George C., 4,518,831, Cl. 179-119.00A.
Tibbetts Industries, Inc.: *See—*
  Stanley, W. Kent; and Tibbetts, George C., 4,518,831, Cl. 179-119.00A.
Tibbits, John L.: *See—*
  Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John C.; Frank, Gary L.; and Lawson, John A., 4,493,549, Cl. 355-3.00R.
  Thomas, E. Raymond; Cahill, Lysle D.; Tibbits, John L.; Fraser, Kenneth D.; Keane, John F.; Harting, Stanley C.; Kramer, George H.; Duke, Ronald J.; Kessis, Theodore A.; Butler, John

  C.; Frank, Gary L.; and Lawson, John A., 4,504,126, Cl. 350-469.000.
Tibbs, Lilburn E. Can holder. 4,491,293, 1-1-85, Cl. 248-211.000.
Tiberend, Harvey L. Hay bale cover. 4,521,997, 6-11-85, Cl. 52-3.000.
Tiberg, Lars: *See—*
  Fredriksson, Hasse; and Tiberg, Lars, 4,493,363, Cl. 164-476.000.
  Fredriksson, Hasse; and Tiberg, Lars, 4,519,439, Cl. 164-476.000.
Tibolla, Julius F.: *See—*
  Fiumefreddo, John; and Tibolla, Julius F., 4,504,108, Cl. 339-128.000.
Tiburtius, Christoph: *See—*
  Zabrocki, Karl; Tiburtius, Christoph; Doring, Joachim; and Richter, Klaus, 4,547,533, Cl. 523-206.000.
Tice, Gregory, to Becton, Dickinson and Company. System for controlling septum damage. 4,517,851, 5-21-85, Cl. 73-864.910.
Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., to Stolle Research and Development Corporation, The; and Southern Research Institute. Injectable, long-acting microparticle formulation for the delivery of anti-inflammatory agents. 4,530,840, 7-23-85, Cl. 514-179.000.
Tice, Thomas R.; Lewis, Danny H.; Cowsar, Donald R.; and Beck, Lee R., to Stolle Research and Development Corporation, The; and Southern Research Institute. Injectable, long-acting microparticle formulation for the delivery of anti-inflammatory agents. 4,542,025, 9-17-85, Cl. 424-78.000.
Tice, Victor M.: *See—*
  Ronemus, DeHertburn N.; and Tice, Victor M., 4,538,040, Cl. 200-159.00A.
Tichy, Heinz: *See—*
  Waniek, Kurt; and Tichy, Heinz, 4,513,046, Cl. 428-156.000.
Tichy, James B. Down hole pump. 4,534,716, 8-13-85, Cl. 417-469.000.
Tick, Paul A., to Corning Glass Works. Metal fluoride glasses in the CdF_2-PbF_2-AlF_3-(LiF) system. 4,537,864, 8-27-85, Cl. 501-30.000.
Ticker, Arthur: *See—*
  Preiser, Herman S.; Ticker, Arthur; and Hatley, Kenneth J., 4,522,882, Cl. 428-351.000.
Tickle, Barbara L.: *See—*
  Taylor, Derek; Howlett, Stephen P.; Farr, Howard J.; and Tickle, Barbara L., 4,495,302, Cl. 501-125.000.
Tidball, Keith A.: *See—*
  Carr, Jay R., 4,503,399, Cl. 340-573.000.
Tidd, Kenneth: *See—*
  Petty, Michael H.; and Tidd, Kenneth, 4,491,077, Cl. 110-278.000.
Tiddy, Gordon J. T.: *See—*
  Blackmore, Eunice S.; Peterson, Gordon C.; and Tiddy, Gordon J. T., 4,556,502, Cl. 252-8.800.
Tideswell, Richard B.; Nodelman, Neil H.; and Phillips, Barry A., to Mobay Chemical Corporation. Polyol blend and polyisocyanurate foam produced therefrom. 4,544,679, 10-1-85, Cl. 521-116.000.
Tidmarsh, David. Cargo container lift device. 4,549,842, 10-29-85, Cl. 414-391.000.
Tidwell, Doyle A. Birdhouse with cylindrical compartments. 4,561,383, 12-31-85, Cl. 119-23.000.
Tie Down Engineering, Inc.: *See—*
  Wilson, Richard C., 4,514,970, Cl. 56-400.120.
Tie-Tite Products, Incorporated: *See—*
  Blum, Ronald D., 4,545,138, Cl. 36-51.000.
  Blum, Ronald D., 4,553,293, Cl. 24-119.000.
Tiedeman, C. John, Jr.: *See—*
  Dizek, Frederick A.; Vogel, Eric S.; Tiedeman, C. John, Jr.; and Herold, Robert A., 4,515,629, Cl. 75-0.50B.
Tiedemann, George V. Three-in-one work station. 4,523,617, 6-18-85, Cl. 144-286.00A.
Tiedemann, Wolfgang O., to Vico Kemisk Tekniska Fabrik AB. Drying of solvent-treated objects. 4,530,165, 7-23-85, Cl. 34-32.000.
Tiedje, J. Thomas; Morel, Don L.; and Abeles, Benjamin, to Exxon Research & Engineering Co. High-mobility amorphous silicon displaying non-dispersive transport properties. 4,546,009, 10-8-85, Cl. 427-39.000.
Tiedje, Thomas; and Abeles, Benjamin, to Exxon Research & Engineering Co. Optical absorption enhancement in amorphous silicon deposited on rough substrate. 4,514,582, 4-30-85, Cl. 136-256.000.
Tiefel, Gunter: *See—*
  Grosse, Joachim; Hassler, Heinrich; and Tiefel, Gunter, 4,519,234, Cl. 72-258.000.
Tiefel, Thomas H.: *See—*
  Jin, Sungho; and Tiefel, Thomas H., 4,536,229, Cl. 148-31.550.
Tiegel Manufacturing Company: *See—*
  Tiegel, Ralph G., 4,546,812, Cl. 164-130.000.
  Wegner, Paul C., 4,524,509, Cl. 29-623.500.
Tiegel, Ralph G., to Tiegel Manufacturing Company. Method and apparatus for improving the densities of cast parts. 4,546,812, 10-15-85, Cl. 164-130.000.
Tieke, Bernd, to Ciba-Geigy Corporation. Polymerisable composition comprising conjugated diacetylenic compounds, material coated therewith and the use thereof. 4,562,141, 12-31-85, Cl. 430-281.000.
Tieleman, Edward J. Stretching mechanism of a device for cutting slaughtered poultry. 4,505,002, 3-19-85, Cl. 17-11.000.
Tielens, Arthur J.: *See—*
  Pohland, Horst; and Tielens, Arthur J., 4,512,959, Cl. 423-121.000.
Tieman, Charles H.: *See—*
  Sanborn, James R.; and Tieman, Charles H., 4,537,780, Cl. 514-464.000.
  Stoutamire, Donald W.; and Tieman, Charles H., 4,560,515, Cl. 260-465.00D.
Tiemann, Jerome J.; and Engeler, William E., to General Electric Company. System for encoding and decoding video signals. 4,533,936, 8-6-85, Cl. 358-12.000.
Tiemann, Jerome J.; Cutler, Scott E.; and Welles, Kenneth B., II, to General Electric Company. System for encoding and decoding video signals. 4,533,960, 8-6-85, Cl. 358-310.000.
Tiemens, Ulf: *See—*
  Weiss, Hermann; Linde, Rolf; Tiemens, Ulf; and Klotz, Erhard, 4,513,433, Cl. 378-2.000.
Tien, Paul C.: *See—*
  Thomas, David R.; and Tien, Paul C., 4,534,017, Cl. 365-149.000.
Tien, Tseng-Ying, to Board of Regents acting for and on behalf of the University of Michigan, The. Ceramic compositions. 4,533,647, 8-6-85, Cl. 501-105.000.
Tienkamp, Engbert: *See—*
  Breimer, Hendrik; Van Roessel, Frederik J.; and Tienkamp, Engbert, 4,513,319, Cl. 358-163.000.
Tiep, Brian L.; Phillips, Robert E.; and Otsap, Ben A. Oxygen delivery apparatus. 4,535,767, 8-20-85, Cl. 128-207.180.
Tiesman, Randy J., to Champion International Corporation. Article display package and blank therefor. 4,549,654, 10-29-85, Cl. 206-486.000.
Tietgen, Karl H.: *See—*
  Kersten, Ralf T.; Tietgen, Karl H.; and Schlaak, Helmut F., 4,492,425, Cl. 350-96.140.
Tietje, Andreas, to Ensign-Bickford Industries, Inc. Corona discharge device. 4,556,795, 12-3-85, Cl. 250-324.000.
Tietjens, Eduard W.: *See—*
  Groothuis, Gerrit J.; de Haan, Atze; Poel, Hendrik; Tietjens, Eduard W.; and de Vries, Jochem J., 4,510,687, Cl. 30-34.200.
Tietz, Ernst: *See—*
  Werkmeister, Johannes; and Tietz, Ernst, 4,557,165, Cl. 82-2.700.
Tietze, Guenter: *See—*
  Kretschmer, Horst; Tietze, Guenter; Beiermann, Norbert; Schingnitz, Manfred; and Goehler, Peter, 4,501,156, Cl. 73-861.040.
  Kretschmer, Horst; Tietze, Guenter; Noack, Juergen; Schweigel, Hans-Joachim; Schingnitz, Manfred; Werner, Klaus; and Kirsch, Bernd, 4,521,139, Cl. 406-19.000.
Tietze, Lutz-Friedjan; and Fischer, Roland, to Bayer Aktiengesellschaft. Process for the preparation of 1,1′-diacetals. 4,524,202, 6-18-85, Cl. 536-18.500.
Tietze, Thomas N., to Panhandle Eastern Pipe Line Company. E-Log I field computer. 4,511,844, 4-16-85, Cl. 324-425.000.
Tifa Limited: *See—*
  Livingston, Arnold M., 4,526,548, Cl. 434-226.000.
Tiger Products, Inc.: *See—*
  Prawdzik, Joseph F., 4,521,019, Cl. 273-49.000.
Tighe, Brian J.; and Gee, Howard J., to Kelvin Lenses Limited. Fluorine-containing hydrogel-forming polymeric materials. 4,493,910, 1-15-85, Cl. 523-108.000.
Tighe, Leon. Replacement edge drafting apparatus. 4,531,302, 7-30-85, Cl. 33-483.000.
Tigler, Dieter H.: *See—*
  Grossa, Mario; Tigler, Dieter H.; and Weinert, Hubert, 4,539,287, Cl. 430-300.000.
Tigre Tierra, Inc.: *See—*
  Sweeney, Gerald T., 4,544,040, Cl. 173-91.000.
Tihanyi, Bela: *See—*
  Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August, 4,510,182, Cl. 427-162.000.
  Cornils, Boy; Weber, Jurgen; Tihanyi, Bela; and DeWin, Werner, 4,511,439, Cl. 204-37.100.
  Erben, Edwin; Muhlratzer, August; Bertinger, Roland; Cornils, Boy; Tihanyi, Bela; and DeWin, Werner, 4,551,328, Cl. 423-607.000.
Tihanyi, George, to Northern Telecom Limited. Arc percussion welding a plated pin to a thin tab of dissimilar metal. 4,544,823, 10-1-85, Cl. 219-121.0PK.
Tihanyi, Jeno; and Stengl, Jens P., to Siemens Aktiengesellschaft. Field effect transistor. 4,561,003, 12-24-85, Cl. 357-23.400.
Tihanyi, Jeno: *See—*
  Baumgartner, Werner; Krockow, Dieter; and Tihanyi, Jeno, 4,524,375, Cl. 357-30.000.
  Huber, Peter; Stengl, Jens P.; and Tihanyi, Jeno, 4,497,109, Cl. 29-578.000.
  Leipold, Ludwig; Stengl, Jens P.; and Tihanyi, Jeno, 4,502,070, Cl. 357-38.000.
  Strack, Helmut; and Tihanyi, Jeno, 4,543,596, Cl. 357-23.400.
Tihonovich, Walter. Hinged hair curling roller. 4,513,760, 4-30-85, Cl. 132-40.000.
TII Industries, Inc.: *See—*
  Smith, Thomas J., 4,529,260, Cl. 339-217.00S.
  Smith, Thomas J., 4,533,971, Cl. 361-119.000.
Tiit, Valdur M.: *See—*
  Denisov, Roman A.; Tiit, Valdur M.; and Feldbakh, Eduard K., 4,546,256, Cl. 250-372.000.
Tiitinen, Esko: *See—*
  Schneck, Hans; and Tiitinen, Esko, 4,534,151, Cl. 53-415.000.
Tijburg, Rudolf P.: *See—*
  dePoorter, Johannes A.; deWaard, Peter J.; Tijburg, Rudolf P.; and Dinghs, Gerardus L., 4,558,448, Cl. 372-44.000.
Tijssen, Jan; and van der Loos, Jozef L. M., to Stamicarbon B.V. Process for the preparation of a copolymer comprising alpha-methylstyrene and acrylonitrile. 4,536,556, 8-20-85, Cl. 526-342.000.

- Tijssen, Zwier: *See—*
  - deVreeze, Joop J.; Tijssen, Zwier; and Doorley, Daniel, 4,555,195, Cl. 401-218.000.
- Tikhnova, Galina V.: *See—*
  - Rabinovich, Lev M.; Jurovsky, Albert Y.; Brodkin, Jury M.; Puginsky, Viktor A.; Iordan, Georgy G.; Serdjukov, Vilen I.; Sukhodolets, Vadim K.; Tikhnova, Galina V.; and Golikova, Galina M., 4,535,283, Cl. 323-365.000.
- Tikhonov, Vladimir I.: *See—*
  - Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.
- Tikka, Kyosti, to A. Ahlstrom Osakeyhtio. Sliding two-piece box with tear strip. 4,524,901, 6-25-85, Cl. 229-19.000.
- Tilbor, Neil: *See—*
  - Mucaro, Salvatore A.; and Tilbor, Neil, 4,513,966, Cl. 273-68.00B.
- Tilch, Willi: *See—*
  - Suetterlin, Norbert; Arndt, Peter J.; Heil, Ernst; Siol, Werner; Tilch, Willi; and Wopker, Wilhelm, 4,513,118, Cl. 525-81.000.
- Tildeblad, Bernhard. Optical aiming device. 4,536,965, 8-27-85, Cl. 33-233.000.
- Tile Council of America, Inc.: *See—*
  - Chesney, Joseph J., Jr.; Broney, Scott C.; and Ely, George A., 4,556,426, Cl. 106-18.320.
- Till, Heinz; and Till, Volker. Process for cleaning a barrel. 4,501,623, 2-26-85, Cl. 134-22.180.
- Till, Henry R.: *See—*
  - Folkins, Jeffrey J.; Haque, Shahid; Loeb, Alfred M.; and Till, Henry R., 4,492,179, Cl. 118-689.000.
- Till, Volker: *See—*
  - Till, Heinz; and Till, Volker, 4,501,623, Cl. 134-22.180.
- Tillbrook, Anthony A. C. Protective clothing. 4,494,246, 1-22-85, Cl. 2-2.10R.
- Tiller, Charles R.: *See—*
  - Koehl, Stephen E.; and Tiller, Charles R., 4,558,280, Cl. 324-399.000.
- Tillery, Thomas H. Golf ball teeing apparatus. 4,541,632, 9-17-85, Cl. 273-201.000.
- Tillery, Thomas H. Golf practice cage. 4,556,219, 12-3-85, Cl. 273-181.00F.
- Tilley, Alec R.: *See—*
  - Wright, Michael L.; and Tilley, Alec R., 4,492,021, Cl. 29-623.100.
- Tilley, George L.; and Doty, Allen W., to Union Oil Company of California. Production of rare earth compounds. 4,497,785, 2-5-85, Cl. 423-263.000.
- Tilley, Jefferson W., to Hoffmann-La Roche Inc. Pyrido[2,1-b]quinazoline derivatives useful as agents for treatment of allergic conditions and vascular disorders involving thrombosis. 4,551,460, 11-5-85, Cl. 514-267.000.
- Tillich, Peter, to Olympia Werke AG. Method of typing scripts whose characters are arranged next to one another in rows or underneath one another in columns. 4,560,980, 12-24-85, Cl. 340-727.000.
- Tillman, James J.: *See—*
  - Burzynski, Alfred J.; and Tillman, James J., 4,547,397, Cl. 427-164.000.
  - Burzynski, Alfred J.; and Tillman, James J., 4,551,361, Cl. 427-164.000.
- Tillman, Willie, to Phillips Petroleum Company. Changing oil tubes in a carbon black reactor. 4,500,491, 2-19-85, Cl. 422-150.000.
- Tillotson, Harry T.: *See—*
  - Mackin, Steven J.; and Tillotson, Harry T., 4,522,081, Cl. 74-473.00R.
- Tillotson, John D., to Elco Corporation. Mass termination electrical connector. 4,512,620, 4-23-85, Cl. 339-97.00P.
- Tillotson, John D., to Elco Corporation. Multipin connector and method of reducing EMI by use thereof. 4,519,664, 5-28-85, Cl. 339-143.00R.
- Tillotson, John G. Method for forming a layer of blown cellular urethane on a carpet backing. 4,512,831, 4-23-85, Cl. 156-78.000.
- Tilly, Adolphe J. G., to Conma, N.V. Method of controlling the fuel supply and burner for liquid fuel. 4,543,055, 9-24-85, Cl. 431-12.000.
- Tilly, Bodo, to Siemens Aktiengesellschaft. Circuit arrangement with a laser diode for transmission of communication signals through a light waveguide. 4,553,268, 11-12-85, Cl. 455-607.000.
- Tillyard, Malcolm: *See—*
  - Hanson, Raymond; and Tillyard, Malcolm, 4,500,773, Cl. 219-215.000.
  - Hanson, Raymond; and Tillyard, Malcolm, 4,553,341, Cl. 34-236.000.
  - Price, Frank C.; Tout, Nigel R.; Hanson, Raymond; and Tillyard, Malcolm, 4,517,442, Cl. 219-215.000.
- Tilson, Alan L.; Quay, Earl R.; and Knight, John C., to Mayer, Wildman Industries, Inc. Pneumatic fiber recovery and redistribution system for sliver high pile fabric knitting machines. 4,532,780, 8-6-85, Cl. 66-9.00B.
- Tilson, Alan L.: *See—*
  - Quay, Earl R.; and Tilson, Alan L., 4,510,773, Cl. 66-9.00B.
- Tilston, Stephen E.: *See—*
  - Tilston, William V.; and Tilston, Stephen E., 4,491,849, Cl. 343-791.000.
- Tilston, William V.; and Tilston, Stephen E. Radio antenna. 4,491,849, 1-1-85, Cl. 343-791.000.
- Timari, Jali. Automatic hand firearm operating and safety handle. 4,555,973, 12-3-85, Cl. 89-148.000.
- Timbers, Lynda J.: *See—*
  - Sheppard, Mark T.; and Timbers, Lynda J., 4,494,250, Cl. 2-227.000.
- Time Manufacturing Company: *See—*
  - Smith, Van Z., 4,534,444, Cl. 182-2.000.
- Times Fiber Communications, Inc.: *See—*
  - Miller, Gary E.; Mesiya, Mohammed F.; and Deichmiller, Arthur C., 4,545,075, Cl. 155-612.000.
  - Pinnow, Douglas A.; and Miller, Gary F., 4,491,983, Cl. 455-612.000.
- Times Mirror Company: *See—*
  - Marcroft, Brian J., 4,491,213, Cl. 194-1.00D.
- Timesavers, Inc.: *See—*
  - Cothrell, LeRoy E.; and Fair, Raymond G., 4,525,955, Cl. 51-135.00R.
  - Stump, Lee E., 4,512,110, Cl. 51-141.000.
  - Stump, Lee E.; David, Eugene C.; and Boehne, Dale, 4,527,359, Cl. 51-138.000.
- Timetco Corporation: *See—*
  - Bush, Elmer R., 4,511,898, Cl. 343-736.000.
- Timex Corporation: *See—*
  - D'Onofrio, Anthony; and Kitik, Walter, 4,534,743, Cl. 445-24.000.
  - Kindlmann, Peter J., 4,527,096, Cl. 315-169.300.
  - Leibowitz, Marshall; and George, Douglas A., 4,500,173, Cl. 350-345.000.
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  - Zukowski, Raymond W., 4,532,395, Cl. 200-314.000.
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  - Fraden, Jacob, 4,509,527, Cl. 128-671.000.
- Timian, Steven S.: *See—*
  - Moody, Roy A.; Bulanda, John J.; Levin, Robert F.; Timian, Steven S.; and Waltasti, Stephen A., 4,498,506, Cl. 140-93.200.
- Timken Company, The: *See—*
  - Cameron, Robert W., 4,512,525, Cl. 241-207.000.
  - Leibensperger, Robert L.; and Reed, Karl W., 4,541,738, Cl. 384-470.000.
- Timkin, Alexei F.: *See—*
  - Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.
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- Timm, Gerald W.; Sandford, Donald L.; and Claude, Timothy J., to Dacomed Corporation. Penile prosthesis. 4,517,967, 5-21-85, Cl. 128-79.000.
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- Timm, Hans; and Griesbach, Heinz, to GKSS-Forschungszentrum Geesthacht GmbH. Apparatus for filtering and separating liquid and gaseous media. 4,556,488, 12-3-85, Cl. 210-321.100.
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  - Schwellinger, Pius; Ried, Alois; Timm, Jurgen; and Heckler, Manfred, 4,525,326, Cl. 420-535.000.
- Timmele Laminering AB: *See—*
  - Ahlm, Lars, 4,520,517, Cl. 5-481.000.
- Timmer, Anton O.: *See—*
  - Kleinnibbelink, Gerrit J.; and Timmer, Anton O., 4,542,296, Cl. 250-359.100.
- Timmermans, Francis, to Jeumont-Schneider Corporation. Double shut-off valve which provides perfectly tight sealing. 4,529,168, 7-16-85, Cl. 251-210.000.
- Timmermans, Franciscus W. A.; and Van Roessel, Frederik J., to U.S. Philips Corporation. Television line deflection circuit. 4,551,655, 11-5-85, Cl. 315-370.000.
- Timmermans, Gilbert L. J.: *See—*
  - Thysen, Albert A. P.; and Timmermans, Gilbert L. J., 4,498,317, Cl. 68-12.00R.
- Timmington, David A. Chains. 4,510,032, 4-9-85, Cl. 204-197.000.
- Timmons, Gloria A.: *See—*
  - Timmons, John W.; and Timmons, Gloria A., 4,559,941, Cl. 128-207.180.
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- Timms, Richard H., to Rohr Industries, Inc. Aircraft thrust reverser mechanism. 4,519,561, 5-28-85, Cl. 244-110.00B.
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  - Musin, Rafail M.; Gryaznov, Mikhail I.; and Timofeev, Dmitry A., 4,503,544, Cl. 375-10.000.
  - Musin, Rafail M.; Gryaznov, Mikhail I.; Timofeev, Dmitry A.; Filatov, Nikolai Y.; and Andreeva, Tamara S., 4,541,070, Cl. 364-900.000.
- Timony, Peter E., to Stauffer Chemical Company. Method of electrical contact lubrication. 4,530,772, 7-23-85, Cl. 252-56.00S.
- Timony, Peter E.: *See—*
  - Leone-Bay, Andrea; and Timony, Peter E., 4,556,412, Cl. 71-92.000.
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  Bely, Diamar I.; Mardanov, Valentin P.; Meschanov, Gennady I.; Peshkov, Izyaslav B.; Povelichenko, Anatoly P.; and Timoshin, Jury M., 4,497,867, Cl. 428-385.000.
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  Smith, Eileen; Timperley, Doreen A.; and Titchener, Dorothy M., 4,497,725, Cl. 252-102.000.
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  Harms, Orville L., 4,500,123, Cl. 292-259.00A.
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Timtner, Karlheinz: *See—*
  Weiler, Rolf; Boehm, Peter; Haar, Lucas H.; and Timtner, Karlheinz, 4,492,081, Cl. 60-547.100.
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  Gamble, Ronald C.; Tin, George W.; and Williams, Lawrence E., 4,497,791, Cl. 424-1.100.
Tin, Kam B., to AEL Microtel Limited. Memory access control circuit. 4,549,273, 10-22-85, Cl. 364-200.000.
Tincher, Cline A.: *See—*
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Tincher, Jon D., to General Motors Corporation. Rotary weld gun support with electrical coupling. 4,500,769, 2-19-85, Cl. 219-86.330.
Tindall, Frank A. Ice cream can filling machine with content varigator. 4,515,190, 5-7-85, Cl. 141-131.000.
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Tindall, Gary W., to Deere & Company. Instrument panel cover assembly. 4,549,625, 10-29-85, Cl. 180-90.000.
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Tinet, Claude, to Thomson-CSF. System for reproducing pulse time modulated waveforms stored along a diffractive track. 4,491,940, 1-1-85, Cl. 364-46.000.
Ting Enterprises, Inc.: *See—*
  Evans, Jeffrey L., 4,503,836, Cl. 126-135.000.
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  Tsai, Ying-Ming; Chen, Hsiao-Ming; and Ting, Gann, 4,544,530, Cl. 423-10.000.
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  Axelrod, Robert J.; Campbell, John R.; and Ting, Sai-Pei, 4,507,436, Cl. 525-92.000.
Tingey, Albert R.: *See—*
  Williams, Malcolm; Tingey, Albert R.; Southgate, John P.; and Russell, Steven J., 4,512,319, Cl. 123-492.000.
Tingley, James E., to American Sterilizer Company. Washing machine container coupling apparatus. 4,554,936, 11-26-85, Cl. 134-146.000.
Tinholt, Thomas H., to Eaton Corporation. Torsion damping mechanism with a viscous coupling. 4,557,357, 12-10-85, Cl. 192-3.210.
Tinios, Pantelis G.: *See—*
  Husson, Alan L.; and Tinios, Pantelis G., 4,547,732, Cl. 324-166.000.
  Lawrence, Fitzroy L.; and Tinios, Pantelis G., 4,503,939, Cl. 187-29.00R.
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  Campbell, David S.; Tinker, Andrew J.; and Mente, Peter G., 4,501,860, Cl. 525-359.400.
Tinker, Charles L., to Peabody ABC Corporation. Ventilation fan with noise-attenuating housing. 4,508,486, 4-2-85, Cl. 415-119.000.
Tinker, Craig S., to Pall Corporation. Microcomputer control system for desiccant dryer. 4,546,442, 10-8-85, Cl. 364-500.000.
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  Wener, Kenneth R.; and Tinkle, Anthony R., 4,516,227, Cl. 367-15.000.
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  Ishimitsu, Kichio K.; and Tinoco, Edward N., 4,519,560, Cl. 244-45.00R.
Tinson, Christopher M.: *See—*
  Wood, John; Tinson, Christopher M.; and Jenkins, Stuart M., 4,516,899, Cl. 414-330.000.
Tinti, Maria O.; Quaresima, Emma; Bagolini, Carlo; and de Witt, Paolo, to Sigma-Tau Industrie Farmaceutiche Riunite S.p.A. Dithiodiacyl carnitines. 4,510,318, 4-9-85, Cl. 560-147.000.
Tinti, Maria O.: *See—*
  Cavazza, Claudio; and Tinti, Maria O., 4,518,613, Cl. 514-513.000.
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Tio, Cesario O.: *See—*
  Musser, John H.; and Tio, Cesario O., 4,550,172, Cl. 548-180.000.
Tiomkin, Michael: *See—*
  Bar-Nefy, Simcha; and Tiomkin, Michael, 4,491,053, Cl. 89-1.130.
Tiomkin, Michael V.: *See—*
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  Hudson, William G., 4,507,273, Cl. 423-558.000.
Tip-N-Wrap, Inc.: *See—*
  Griggs, Gloria D., 4,552,160, Cl. 132-73.000.
Tipper Tie, Inc.: *See—*
  Gallion, James A.; and Tomczak, Roman M., 4,525,398, Cl. 24-30.50W.
Tippins, George W.; and Ginzburg, Vladimir B., to Tippins Machinery Company, Inc. Method for hot rolling slabs. 4,503,697, 3-12-85, Cl. 72-202.000.
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  Thomas, John E.; Gretz, Ronald D.; and Tippins, George W., 4,505,141, Cl. 72-38.000.
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  Ginzburg, Vladimir B.; and Thomas, John E., 4,491,006, Cl. 72-202.000.
  Ginzburg, Vladimir B.; and Snitkin, Sidney R., 4,513,594, Cl. 72-8.000.
  Ginzburg, Vladimir B., 4,555,922, Cl. 72-229.000.
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Tippmann, Eugene R., to Lakeview Window Corporation. Removable sash guide for window frames. 4,547,995, 10-22-85, Cl. 49-457.000.
Tipton, Larry J.; and Alfermann, Larry D., to Bastian Advanced Systems, Inc. Knockdown shelving assembly. 4,527,490, 7-9-85, Cl. 108-111.000.
Tircot, Michel, to Commissariat a l'Energie Atomique. Apparatus for continuously metering vapors contained in the atmosphere. 4,506,510, 3-26-85, Cl. 62-3.000.
Tirendi, Frank: *See—*
  Michaud, Mark D.; Michaud, Robert G.; Tirendi, Frank; and Zobbi, Robert G., 4,491,500, Cl. 156-628.000.
Tirole, Jacques P. H.: *See—*
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Tirtaatmadja, Viyada: *See—*
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Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, to Suncast Corporation. Hose storage apparatus. 4,512,361, 4-23-85, Cl. 137-355.270.
Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Richard D.; and Heggeland, Bruce, to Suncast Corporation. Flexible chair. 4,542,938, 9-24-85, Cl. 297-445.000.
Tisbo, Thomas A.; and Garcia, George L., to Suncast Corporation. Portable storage console. 4,531,645, 7-30-85, Cl. 211-131.000.
Tisbo, Thomas A.: *See—*
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Tischer, James C.; and Utter, Robert E., to American Standard Inc. Scroll machine using discharge pressure for axial sealing. 4,522,575, 6-11-85, Cl. 418-55.000.
Tischer, Kurt M.; Voigt, Klaus-Peter; and Zondler, Rolf, to International Standard Electric Corporation. Method of manufacturing display structures. 4,505,685, 3-19-85, Cl. 445-24.000.
Tischer, Werner; Liebert, Karl-Heinz; and Fassbender, Rolf, to Zahnradfabrik Friedrichshafen, AG. Booster power steering. 4,495,769, 1-29-85, Cl. 60-451.000.
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- Tischler, Heinrich: *See—*
  - Maier, Gernot; Tischler, Heinrich; Wohr, Rolf; and Schwarzhoff, Wolfgang, 4,545,632, Cl. 339-18.00R.
- Tisdale, Glenn E.; and Lindemann, Harley B., to Westinghouse Electric Corp. Target recognition system enhanced by active signature measurements. 4,497,065, 1-29-85, Cl. 382-1.000.
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  - Bupp, James R.; Lemon, Gary K.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., 4,554,182, Cl. 427-304.000.
  - King, David E.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., 4,534,797, Cl. 106-1.230.
- Tishken Products Co.: *See—*
  - Lash, Edward G.; Levy, Roger; and Nickels, Charles J., 4,557,129, Cl. 72-176.000.
- Tishken Products, Inc.: *See—*
  - Granzow, Carl F.; Lash, Edward G.; Gleason, Everett; and Kubiak, Jerome, 4,530,226, Cl. 72-171.000.
- Tishkoff, Garson H.; and Estry, Douglas W. Treatment of disparate bleeding disorders with factor X zymogen. 4,501,731, 2-26-85, Cl. 424-101.000.
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  - Tisma, Steven, 4,491,267, Cl. 229-37.00R.
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- Tisserat, Craig R., to Rain Bird Consumer Products Mfg. Corp. Quick connect coupling. 4,561,682, 12-31-85, Cl. 285-305.000
- Tisseyre, Jean-Paul: *See—*
  - Le Foyer de Costil, Carol; Ayache, Liliane; and Tisseyre, Jean-Paul, 4,545,990, Cl. 514-557.000.
- Tissot, Raymond, to Robert Bosch GmbH. Fuel injection pump. 4,498,442, 2-12-85, Cl. 123-447.000.
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  - Scherschlicht, Richard R.; and Tissot, Rene, 4,496,545, Cl. 514-16.000.
- Tisue, Gil, to Fuji Photo Film Co., Ltd. Image sensing device having on-chip fixed-pattern noise reducing circuit. 4,556,910, 12-3-85, Cl. 358-212.000.
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  - McKean, John A., 4,513,643, Cl. 81-53.200.
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  - Malcolm, David H., 4,508,276, Cl. 239-691.000.
- Titanseal Corporation: *See—*
  - McLaughlin, James A., 4,490,943, Cl. 49-478.000.
- Titchenal, Oliver R., to Basic Packaging Systems, Inc. Square ended bag. 4,524,459, 6-18-85, Cl. 383-37.000.
- Titchener, Dorothy M.: *See—*
  - Smith, Eileen; Timperley, Doreen A.; and Titchener, Dorothy M., 4,497,725, Cl. 252-102.000.
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- Titeflex Corporation: *See—*
  - Desilets, Norman H.; Gazda, Chester T.; and Zamachaj, Richard A., 4,527,819, Cl. 285-287.000.
- Tito Manzini & Figli S.p.A.: *See—*
  - Sassi, Carlo, 4,524,563, Cl. 53-426.000.
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  - Eberling, Igor L.; Tereschenko, Lev A.; Nikolaev, Nikolai I.; Yakovlev, Arian M.; Kovalenko, Vitaly I.; Lipatov, Nikolai K.; Tatevosian, Ruben A.; and Titov, Mikhail Y., 4,524,319, Cl. 324-65.00R.
- Titsworth, Raymond; and Lill, Melvin H., to FMC Corporation. Determining toe of rear and front vehicle wheels. 4,523,844, 6-18-85, Cl. 356-152.000.
- Titterington, Donald R.: *See—*
  - Jaeger, Charles W.; Titterington, Donald R.; and Hue, Le P., 4,503,111, Cl. 428-195.000.
- Tittert, Curt, to Braun Aktiengesellschaft. Temperature controlled fuel gas throughflow valve. 4,539,974, 9-10-85, Cl. 126-409.000.
- Titterton, John D. Convertible freight car. 4,497,259, 2-5-85, Cl. 105-359.000.
- Tittes, Allan F.; Larson, Kenneth H.; and Britton, Kennith L., to Inspiration Consolidated Copper Company. Circumferential sealing assembly. 4,534,571, 8-13-85, Cl. 277-128.000.
- Tittmann, Frederick R. Doctor apparatus for coating machine. 4,508,050, 4-2-85, Cl. 118-118.000.
- Titus, Charles H.; Wittle, John K.; and Bell, Christy W., to Electro-Petroleum, Inc. Apparatus for passing electrical current through an underground formation. 4,495,990, 1-29-85, Cl. 166-65.00R.
- Titus, Charles H.; and Wittle, John K., to Electro-Petroleum, Inc. Tubular member. 4,516,608, 5-14-85, Cl. 138-140.000.
- Titus, Charles H. System for disconnecting an electrical power source from a load. 4,525,764, 6-25-85, Cl. 361-42.000.
- Titus, Robert D.; and Kornfeld, Edmund C., to Eli Lilly and Company. Octahydrothiazolo[4,5-g]quinolines and use as prolactin secretion inhibitors. 4,537,893, 8-27-85, Cl. 514-293.000.
- Titus, Robert D.: *See—*
  - Bach, Nicholas J.; Kornfeld, Edmund C.; and Titus, Robert D., 4,500,545, Cl. 514-619.000.
- Titz, Siegfried; Langel, Matthias; Wissinger, Waldemar; and Kurth, Josef, to Dynamit Nobel Aktiengesellschaft. Die for extruder. 4,504,210, 3-12-85, Cl. 425-461.000.
- Tiuri, Martti: *See—*
  - Heikkila, Sakari; and Tiuri, Martti, 4,514,680, Cl. 324-58.50A.
- Tivis, Layne C.: *See—*
  - Pearman, Bruce W.; Pelton, Clark; Roper, Todd K.; and Tivis, Layne C., 4,545,583, Cl. 273-311.000.
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  - George, Benjamin B., 4,544,996, Cl. 362-238.000.
- Tiwari, Sandip, to International Business Machines Corporation. Method for fabricating a gallium arsenide semiconductor device. 4,558,509, 12-17-85, Cl. 29-576.00B.
- Tiwi, Peter: *See—*
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  - Goldstein, Gideon; Heavner, George; Audhya, Tapan; and Tjoeng, Foe-Siong, 4,547,489, Cl. 514-11.000.
- Tjurkina, Ljudmila P.: *See—*
  - Motov, David L.; Tjurkina, Ljudmila P.; Godneva, Maria M.; Kolesnikova, Nina I.; Yakusheva, Galina G.; Ivanovich, Metelkin A., deceased; and Fedorovna, Chibisova N., administrator, 4,504,271, Cl. 8-94.250.
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  - Antonov, Jury F.; Ioganson, Vadim I.; Tkachenko, Alexei S.; Chernyavsky, Vladimir P.; and Shapiro, Aron B., 4,496,870, Cl. 310-260.000.
- Tkachuk, Peter R., to United States of America, Navy. Dynamic pressure test unit-ratio method. 4,553,425, 11-19-85, Cl. 73-37.000.
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  - Abramov, Vsevolod V.; Kuznetsov, Vsevolod V.; Veselov, Alexandr V.; Tkhai, Vitaly S.; Rysin, Nikolai I.; and Gerasimov, Vasily I., 4,501,549, Cl. 425-542.000.
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  - Trechsel, Hans W.; Larson, Allan B.; and Ryerse, John A., 4,508,148, Cl. 141-147.000.
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- Tlaker, Erich, to Fellows Corporation. Automatic calibration of sensor circuits in gear shapers. 4,542,638, 9-24-85, Cl. 73-1.00R.
- Tloczysnki, James J.: *See—*
  - Brubaker, Ronald L.; Tloczysnki, James J.; Budzol, Melvin; Ahola, Clifford J.; Boyle, Frederick P.; Parkinson, Truman D.; and Rine, James C., 4,535,941, Cl. 241-21.000.
- Tluchor, Denek: *See—*
  - Zverina, Karel; Tluchor, Denek; Szabo, Josef; Polidor, Jaromir; and Kroupa, Petr, 4,531,043, Cl. 219-121.0PP.
- TLV Co., Ltd.: *See—*
  - Yumoto, Hideaki, 4,545,397, Cl. 137-192.000.
- TMC Corporation: *See—*
  - Gertsch, Ulrich, 4,505,494, Cl. 280-618.000.
  - Gertsch, Ulrich, 4,533,156, Cl. 280-629.000.
  - Krob, Erwin; Leichtfried, Friedrich; and Bauer, Helmut, 4,496,167, Cl. 280-605.000.
  - Krob, Erwin; and Bauer, Helmut, 4,506,905, Cl. 280-633.000.
  - Krob, Erwin; and Bauer, Helmut, 4,533,155, Cl. 280-628.000.
  - Muad, Al-Madhi, 4,512,698, Cl. 411-337.000.
  - Riss, Wilfried; Nitschko, Theodor; Spitaler, Engelbert; and Oberleitner, Gerhard, 4,516,791, Cl. 280-612.000.
  - Spitaler, Engelbert; Oberleitner, Gerhard; Svoboda, Josef; Nitschko, Theodor; and Riss, Wilfried, 4,545,598, Cl. 280-612.000.
  - Spitaler, Engelbert, 4,548,424, Cl. 280-612.000.
  - Spitaler, Engelbert, 4,561,672, Cl. 280-618.000.
  - Svoboda, Josef, 4,500,106, Cl. 280-605.000.
  - Svoboda, Josef; and Szabo, Emilie, 4,500,107, Cl. 280-605.000.
  - Svoboda, Josef; Nitschko, Theodor; and Wittmann, Heinz, 4,508,361, Cl. 280-628.000.
  - Svoboda, Josef, 4,513,988, Cl. 280-615.000.
  - Svoboda, Josef; Himmetsberger, Alois; and Szabo, Emilie, 4,524,990, Cl. 280-633.000.
  - Svoboda, Josef; Krob, Erwin; and Bauer, Helmut, 4,531,758, Cl. 280-628.000.
  - Svoboda, Josef, 4,544,177, Cl. 280-605.000.
  - Svoboda, Josef, 4,552,378, Cl. 280-632.000.
- TMCI, Inc.: *See—*
  - Nellen, William J., 4,497,331, Cl. 131-353.000.

- TNF Enterprises: *See—*
  - Taylor, Kevin D.; and Nichols, Galen N., 4,536,889, Cl. 2-160.000.
- TNI Pharmaceuticals, Inc.: *See—*
  - Plotnikoff, Nicholas P., 4,537,878, Cl. 514-2.000.
- Toa Grout Kogyo Co., Ltd.: *See—*
  - Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,514,112, Cl. 405-269.000.
  - Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,545,702, Cl. 405-269.000.
- Toa Medical Electronic Co., Ltd.: *See—*
  - Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, 4,495,149, Cl. 422-65.000.
  - Iwata, Toyotaro; Nakajima, Kunio; and Otsuki, Hiroyuki, 4,557,154, Cl. 74-89.210.
  - Okada, Tokuhiro; and Hayashi, Masayoshi, 4,491,926, Cl. 364-555.000.
- Toa Nenryo Kogyo Kabushiki Kaisha: *See—*
  - Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,550,095, Cl. 502-119.000.
  - Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; and Ueno, Hiroshi, 4,551,440, Cl. 502-119.000.
  - Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,552,858, Cl. 502-112.000.
  - Inoue, Hiroshi; Sezume, Tadashi; Isoi, Masaaki; Iwanami, Kunio; and Sei, Kazuo, 4,528,329, Cl. 525-74.000.
  - Itoh, Takuji; and Akitsuki, Ikuo, 4,497,909, Cl. 502-262.000.
  - Izumi, Takayuki, 4,511,456, Cl. 208-44.000.
  - Izumi, Takayuki; Naito, Tsutomu; and Igarashi, Seiko, 4,533,461, Cl. 208-44.000.
  - Izumi, Takayuki; Naito, Tsutomu; and Nakamura, Tomoo, 4,534,850, Cl. 208-22.000.
  - Nishikawa, Eiichiro; Shinya, Masuo; Ueda, Kayako; and Kaneko, Katsumi, 4,551,556, Cl. 568-403.000.
  - Nomura, Takeshi; Maruyama, Kouji; Ueno, Hiroshi; and Inaba, Naomi, 4,544,648, Cl. 502-119.000.
  - Okumura, Yoshiharu; Kamiyama, Setsuo; Hosokawa, Toshihiro; and Kaneko, Katsumi, 4,499,313, Cl. 568-897.000.
  - Okumura, Yoshiharu; Kamiyama, Setsuo; Furukawa, Hiroshi; and Kaneko, Katsumi, 4,507,512, Cl. 568-897.000.
  - Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, 4,513,166, Cl. 585-832.000.
- Toagosei Chemical Industry Co., Ltd.: *See—*
  - Okazaki, Toshimasa; Sakata, Akihiro; Nagai, Kyozi; and Nakashima, Kazuo, 4,496,442, Cl. 204-129.000.
  - Okazaki, Toshimasa; and Nakagawa, Shuta, 4,560,461, Cl. 204-252.000.
- Toba, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus and method for forward/reverse slow motion video reproduction. 4,491,878, 1-1-85, Cl. 360-10.100.
- Toba, Hirotaka; Mikumo, Masatoshi; and Asami, Masahiro, to Daicel Chemical Industries, Ltd. Aqueous dispersion. 4,521,565, 6-4-85, Cl. 525-64.000.
- Toba, Yasuo, to Mitsubishi Denki Kabushiki Kaisha. Transformer winding. 4,492,944, 1-8-85, Cl. 336-69.000.
- Tobacco Research & Development Institute Limited: *See—*
  - Meiring, Willem J., 4,509,609, Cl. 177-1.000.
- Tobagi, Fouad A.; Fratta, Luigi; and Borgonovo, Flaminio, to Stanford University. Local area communication network utilizing a round robin access scheme with improved channel utilization. 4,503,533, 3-5-85, Cl. 370-85.000.
- Tobbe, William P.: *See—*
  - Bork, Carl R., Jr.; Steiss, William C.; Tobbe, William P.; Shufflebarger, Earl D.; Matousek, Stephen; and Gardner, Thomas J., 4,530,373, Cl. 137-516.290.
- Tobe, Akihiro: *See—*
  - Kikumoto, Ryoji; Tobe, Akihiro; Tonomura, Shinji; and Ikoma, Hidenobu, 4,562,211, Cl. 514-648.000.
- Tobe, Kazumitsu, to Canon Kabushiki Kaisha. Video signal recording apparatus. 4,554,602, 11-19-85, Cl. 360-14.200.
- Tobe, Seiichi: *See—*
  - Kameda, Eiichi; and Tobe, Seiichi, 4,562,301, Cl. 174-68.500.
- Tobe, Yukio: *See—*
  - Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.
- Toben, John J.: *See—*
  - Stoehr, Herbert M.; and Toben, John J., 4,553,418, Cl. 72-132.000.
- Toben, Michael P.: *See—*
  - Martin, James L.; McCaskie, John E.; and Toben, Michael P., 4,545,868, Cl. 204-47.000.
- Tober, Edward: *See—*
  - Moore, William H.; Mandel, Alan F.; Trosky, William J.; Eichler, Kenneth M.; Tomas, Stephen P.; Tober, Edward; and Vasold, Thomas A., 4,512,442, Cl. 187-29.00R.
- Tobert, Jonathan A.: *See—*
  - Blaine, Edward H.; Cragoe, Edward J., Jr.; Hirschmann, Ralph F.; Nancarrow, John F., deceased; Nancarrow, Elisabeth M., executrix; and Tobert, Jonathan A., 4,510,322, Cl. 514-255.000.
- Tobery, Edward W.; and Parker, Stephen R., to Westinghouse Electric Corp. Turbine combustor having enhanced wall cooling for longer combustor life at high combustor outlet gas temperatures. 4,527,397, 7-9-85, Cl. 60-757.000.
- Tobey, Lance M.: *See—*
  - Hileman, Kenneth R.; Shields, Ronald H.; and Tobey, Lance M., 4,531,961, Cl. 65-164.000.
- Tobey, William H.; Coyner, John V.; and Gardner, William J., to Martin Marietta Corporation. Deployable truss. 4,527,362, 7-9-85, Cl. 52-71.000.
- Tobey, William H.; Thomas, Donald A.; and Gardner, William J., to Martin Marietta Corporation. Hinge assembly with over-center latch. 4,532,674, 8-6-85, Cl. 16-295.000.
- Tobia, Alfonso J.: *See—*
  - Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,571, Cl. 544-286.000.
  - Kaiser, Carl; and Tobia, Alfonso J., 4,529,604, Cl. 514-654.000.
  - Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,555,570, Cl. 544-286.000.
  - Kanojia, Ramesh M.; Bandurco, Victor T.; Levine, Seymour D.; Mulvey, Dennis M.; and Tobia, Alfonso J., 4,556,739, Cl. 564-443.000.
- Tobias, John D. Pipe rack. 4,517,993, 5-21-85, Cl. 131-329.000.
- Tobias, Lawrence D.: *See—*
  - Hamilton, James G.; Sullivan, Ann C.; Tobias, Lawrence D.; and Triscari, Joseph, 4,500,540, Cl. 514-397.000.
- Tobias, Michael A.: *See—*
  - Lynch, Conrad L.; and Tobias, Michael A., 4,540,751, Cl. 525-517.500.
- Tobias, Philip E. Plate scanner for printing plates. 4,512,662, 4-23-85, Cl. 356-380.000.
- Tobias, Russell H.; and Hutchings, David A., to Owens-Corning Fiberglas Corporation. Conductive polymers. 4,556,860, 12-3-85, Cl. 338-22.0SD.
- Tobiasz, Chester C.: *See—*
  - Poran, Michael; Langner, Carl; and Tobiasz, Chester C., 4,516,624, Cl. 164-418.000.
- Tobiasz, Henry: *See—*
  - Fowles, Tom A.; Lee, Robert; Richmond, Frank M.; and Tobiasz, Henry, 4,497,104, Cl. 29-419.00R.
- Tobin, Albert G., to Grumman Aerospace Corporation. Hydrogen permeation protection for metals. 4,555,275, 11-26-85, Cl. 148-6.300.
- Tobin-Arp Manufacturing Company: *See—*
  - Flaten, James F., 4,509,267, Cl. 33-185.00R.
- Tobin, David: *See—*
  - Armold, Clark W.; Huebner, Michael B.; and Tobin, David, 4,541,933, Cl. 210-780.000.
- Tobin, Joseph M., deceased: *See—*
  - Kochka, Edgar L.; Tobin, Joseph M., deceased; and Neve, Arlene F., administratrix, 4,495,140, Cl. 376-207.000.
- Tobin, Patrick L.; Green, Joseph W.; and Lerohl, John A. Game apparatus for use in backgammon-like games. 4,549,739, 10-29-85, Cl. 273-248.000.
- Tobin, Philip J., to Motorola, Inc. Surface denuding of silicon wafer. 4,548,654, 10-22-85, Cl. 148-1.500.
- Tobioka, Takashi: *See—*
  - Hara, Hiroshi; Tobioka, Takashi; Nishizawa, Tetuo; and Yoshino, Takeshi, 4,505,562, Cl. 354-203.000.
  - Hara, Hiroshi; Tobioka, Takashi; Yoshino, Takeshi; Nishikawa, Tetuo; and Sekine, Jiro, 4,530,582, Cl. 354-203.000.
- Tobise, Masahiro, to Hitachi, Ltd. Insulation resistance measurement in static leonard apparatus. 4,562,390, 12-31-85, Cl. 318-490.000.
- Tobishi Industries Ltd.: *See—*
  - Hosoya, Toshiro, 4,496,869, Cl. 310-172.000.
  - Hosoya, Toshiro, 4,514,655, Cl. 310-218.000.
- Tobita, Chuo, to Amada Company, Limited. Shearing machine. 4,506,573, 3-26-85, Cl. 83-153.000.
- Tobita, Etsuo: *See—*
  - Minagawa, Motonobu; Nakahara, Yutaka; Shibata, Toshihiro; and Tobita, Etsuo, 4,491,643, Cl. 524-96.000.
- Tobita, Hiroshi: *See—*
  - Takeuchi, Masato; Tobita, Hiroshi; Okabe, Sigeru; Okada, Hideo; and Tonami, Munehiko, 4,542,079, Cl. 429-39.000.
- Tobita, Katsumi, to Alps Electric Co., Ltd. Pay television channel selector. 4,517,595, 5-14-85, Cl. 358-114.000.
- Tobita, Katsumi: *See—*
  - Noji, Tasuku; and Tobita, Katsumi, 4,514,757, Cl. 358-86.000.
- Tobita, Tomoyuki; Yamamoto, Yoshimi; Nagasu, Akira; and Takahashi, Yukio, to Hitachi, Ltd. Semiconductor differential pressure transducer. 4,546,653, 10-15-85, Cl. 73-720.000.
- Tobita, Youichi, to Mitsubishi Denki Kabushiki Kaisha. Semiconductor memory. 4,513,399, 4-23-85, Cl. 365-189.000.
- Tobler, Andreas: *See—*
  - Baier, Manfred; and Tobler, Andreas, 4,511,873, Cl. 336-90.000.
- Tobler, Hans; and Hoegerle, Karl, to Ciba-Geigy Corporation. 2,4-diamino-6-halo-5-trifluoromethylpyrimidines having herbicidal activity. 4,507,146, 3-26-85, Cl. 71-92.000.
- Tobler, Hans: *See—*
  - Hoegerle, Karl; and Tobler, Hans, 4,560,402, Cl. 71-092.000.
- Tobler, Paul: *See—*
  - Punzar, Marianne; Marti, Franz; Mercier, Robert; Tobler, Paul; and Buttiker, Rudolf, 4,552,959, Cl. 544-190.000.
- Tobler, Werner, to Novoflex Fotogeratebau Karl Muller, Firma. Bellows assembly for photographic cameras. 4,547,053, 10-15-85, Cl. 354-187.000.
- Tobolt, Michael J. Receptacle having a plug closure. 4,491,238, 1-1-85, Cl. 220-[illegible]
- Tobukuro, Kuniaki: *See—*
  - Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, 4,532,308, Cl. 525-482.000.
- Tocchio, Louis A., to Reece Corporation, The. Machine for making a fly structure. 4,543,895, 10-1-85, Cl. 112-104.000.

Tocci, Leonard R., to Rockwell International Corporation. Chevron detector expander for magnetic bubble domain system. 4,52[illegible],300, 6-11-85, Cl. 365-43.000.

Tocci, Mario P.: *See—*

Shiuh, Jerome C.; and Tocci, Mario P., 4,557,883, Cl. 264-43.000.

Tocci, Richard M. Rack. 4,497,413, 2-5-85, Cl. 211-202.000.

Tocco, Inc.: *See—*

Anderson, Keith, 4,549,057, Cl. 219-10.790.

Carter, Michael J., 4,535,211, Cl. 219-10.49R.

Sheetz, Richard S.; and Cachat, John F., 4,535,212, Cl. 219-10.770.

Toch, Theodore H.: *See—*

Castle, Craig A.; Benson, Jon M.; and Toch, Theodore H., 4,502,151, Cl. 381-70.000.

Toche, Calvin A.: *See—*

Cox, David L.; Ross, William E.; and Toche, Calvin A., 4,550,389, Cl. 365-37.000.

Tochigi, Kenji; Hanyu, Yoshiaki; and Hiratsuka, Yutaka, to Hitachi, Ltd. Laser Raman spectrophotometry system and adjustment thereof. 4,505,586, 3-19-85, Cl. 356-301.000.

Tochikubo, Osamu: *See—*

Torii, Yoshihiko; and Tochikubo, Osamu, 4,519,248, Cl. 73-223.000.

Tochimoto, Kunio: *See—*

Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.

Tochtermann, Henry, to Video Design Pty. Ltd. Airjet label applicator. 4,526,648, 7-2-85, Cl. 156-497.000.

Tockey, Darwin R., Jr. Worm carriers. 4,527,350, 7-9-85, Cl. 43-55.000.

Tocksfors Verkstads AB: *See—*

Ahs, Vilgot, 4,546,238, Cl. 219-497.000.

Tocom, Inc.: *See—*

Campbell, John G.; Schoeneberger, Carl F.; Bundens, Allan B.; Fogle, Richard M.; and Lemburg, John R., 4,536,791, Cl. 358-122.000.

Tod, Roger J.: *See—*

Bellis, Robert D.; Tod, Timothy W.; and Tod, Roger J., 4,535,794, Cl. 133-8.00E.

Tod, Timothy W.: *See—*

Bellis, Robert D.; Tod, Timothy W.; and Tod, Roger J., 4,535,794, Cl. 133-8.00E.

Toda, Akira: *See—*

Ogawa, Naoki; and Toda, Akira, 4,492,189, Cl. 123-90.380.

Toda, Akitoshi; and Mimura, Yoshiyuki, to Olympus Optical Co., Ltd. Developing apparatus for electrophotographic copying machines. 4,546,722, 10-15-85, Cl. 118-657.000.

Toda, Akitoshi: *See—*

Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,492,745, Cl. 430-67.000.

Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,537,845, Cl. 430-58.000.

Mimura, Yoshiyuki; Okada, Takao; and Toda, Akitoshi, 4,537,846, Cl. 430-58.000.

Okada, Takao; Toda, Akitoshi; and Mimura, Yoshiyuki, 4,526,848, Cl. 430-55.000.

Toda, Hideo: *See—*

Kihara, Kunio; Toda, Hideo; Mori, Motokuni; and Morooka, Koji, 4,557,930, Cl. 424-79.000.

Toda, Hiroaki: *See—*

Takahashi, Shuzou; and Toda, Hiroaki, 4,523,052, Cl. 174-16.0BH.

Toda, Junzo; and Hiyane, Masao, to Fujitsu Limited. Perpendicular magnetic recording and reproducing head. 4,546,398, 10-8-85, Cl. 360-126.000.

Toda, Katsuhiko; and Sugiura, Susumu, to Canon Kabushiki Kaisha. Color printer. 4,558,356, 12-10-85, Cl. 358-75.000.

Toda, Katuhiko; and Sugiura, Susumu, to Canon Kabushiki Kaisha. Construction of lens barrel operated by electromagnetic induction. 4,534,624, 8-13-85, Cl. 350-429.000.

Toda, Kenji: *See—*

Drzewiecki, Tadeusz M.; Toda, Kenji; and Gurney, John, 4,512,371, Cl. 137-828.000.

Toda Kogyo Corp.: *See—*

Mishima, Akio; Okuda, Yoshiro; Harada, Tosiharu; Mukaizaka, Akira; and Imai, Tomoyuki, 4,514,216, Cl. 75-0.5AA.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,529,524, Cl. 252-62.590.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,539,129, Cl. 252-62.630.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,548,801, Cl. 423-594.000.

Nagai, Norimichi; Horiishi, Nanao; Kiyama, Masao; and Takada, Toshio, 4,561,988, Cl. 252-62.590.

Okuda, Yoshiro; and Harada, Tosiharu, 4,495,164, Cl. 423-266.000.

Toda, Shozo; Yasuda, Kenji; and Kokubo, Shozo, to Tokyo Ohka Kogyo Kabushiki Kaisha. Apparatus for separation of immiscible liquids. 4,525,276, 6-25-85, Cl. 210-433.200.

Toda, Takao: *See—*

Kashiwagi, Kazuo; and Toda, Takao, 4,519,694, Cl. 355-5.000.

Toda, Tetsuo: *See—*

Nonaka, Toshihiko; and Toda, Tetsuo, 4,559,868, Cl. 98-2.080.

Toda, Toshiharu, to Reliance Electric Company. Gas filled surge arrester. 4,491,893, 1-1-85, Cl. 361-120.000.

Toda, Toshiharu: *See—*

Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,509,090, Cl. 361-119.000.

Kawanami, Norihide; Miyake, Yukinori; Kawamura, Kenji; and Toda, Toshiharu, 4,544,984, Cl. 361-119.000.

Toda, Toshimasa; and Kurumada, Tomoyuki, to Sankyo Company Limited. Tris(piperidylaminotriazylamino) compounds, their preparation and their use as polymer stabilizers. 4,533,688, 8-6-85, Cl. 524-100.000.

Toda, Tsuneo: *See—*

Matsumoto, Hiroshi; Nawata, Yoshiaki; and Toda, Tsuneo, 4,502,776, Cl. 355-14.0SH.

Toda, Yoshihide: *See—*

Miki, Toshio; Toda, Yoshihide; and Horii, Kenichi, 4,522,515, Cl. 384-571.000.

Toda, Yoshio: *See—*

Nagumo, Shinichi; Toda, Yoshio; Nakajima, Yasuo; and Hase, Yoshifumi, 4,545,333, Cl. 123-41.020.

Toda, Yuichi; Sakamoto, Katsuji; Tanaka, Shigeru; and Kameo, Yuji, to Sumitomo Electric Industries, Ltd. Wire-like structure twisting machine. 4,549,391, 10-29-85, Cl. 57-13.000.

Toda, Yuichi: *See—*

Kakii, Toshiaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi, and Matsumoto, Michito, 4,526,732, Cl. 264-2.700.

Todaka, Isoo: *See—*

Souchi, Toshiyuki; and Todaka, Isoo, 4,532,687, Cl. 29-235.000.

Todaka, Yoshihiro: *See—*

Hanma, Kentaro; Murakami, Toshio; and Todaka, Yoshihiro, 4,500,925, Cl. 358-227.000.

Todd, Alec: *See—*

Baker, Stephen R.; Jamieson, William B.; Ross, William J.; and Todd, Alec, 4,513,005, Cl. 514-451.000.

Todd, Anthony G.; and Wickenden, Dennis K., to General Electric Company, p.l.c., The. Semiconductor device with a tantalum iridium barrier layer contact structure. 4,546,[illegible], 10-8-85, Cl. 357-67.000.

Todd, Bradley L., to Halliburton Company. Sludge lance with multiple nozzle jet head. 4,498,427, 2-12-85, Cl. 122-379.000.

Todd, Bruce C.: *See—*

Moore, David J.; Byers, Larry L.; Kurth, Duane G.; Bordsen, Donald T.; Honkomp, John R.; Todd, Bruce C.; and Malek, Robert M., 4,546,430, Cl. 364-200.000.

Todd, Carl D., to Gateway Scientific, Inc. Smoke alarm activated light. 4,524,304, 6-18-85, Cl. 315-156.000.

Todd, Dale, to Bert Moore Sales, Inc. Hopper cover. 4,502,610, 3-5-85, Cl. 220-346.000.

Todd, David B., to Shell Oil Company. Submersible pump. 4,537,257, 8-27-85, Cl. 166-369.000.

Todd, Edward P.; and Weilbacher, Eugene E., to Snyder Laboratories, Inc., by said Eugene E. Weilbacher. Modular drainage apparatus having excess negativity control. 4,534,765, 8-13-85, Cl. 604-321.000.

Todd, Elizabeth A.: *See—*

Reusser, Robert E.; Murtha, Timothy P.; and Todd, Elizabeth A., 4,491,563, Cl. 422-5.000.

Reusser, Robert E.; Kenton, Joseph R.; and Todd, Elizabeth A., 4,520,222, Cl. 585-526.000.

Todd, Julian B.; and Webb, Roger J. Heat regenerator. 4,522,588, 6-11-85, Cl. 432-181.000.

Todd, Robert J.: *See—*

Reynolds, Gordon S.; Todd, Robert J.; and Russell, Edward J., 4,557,269, Cl. 128-675.000.

Todd, Robert R.: *See—*

Decoene, Frans J. G. C.; Strubbe, Gilbert J. I.; and Todd, Robert R., 4,510,946, Cl. 130-27.00T.

Todd, Robert W. Wide span overhead door. 4,545,417, 10-8-85, Cl. 160-207.000.

Todhunter, Gordon R.; and Grim, James W., to Scovill Inc. Tire equalizer and indicator. 4,539,928, 9-10-85, Cl. 116-34.00R.

Todisco, Joseph, to Marson Corporation. Paper and tape dispensing apparatus. 4,525,235, 6-25-85, Cl. 156-511.000.

Todo, Akira: *See—*

Sakashita, Takeshi; Inagaki, Hajime; Todo, Akira; and Nakano, Takayuki, 4,526,920, Cl. 524-850.000.

Todo, Eishiro: *See—*

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,493,832, Cl. 424-199.000.

Teraji, Tsutomu; Todo, Eishiro; Shimazaki, Norihiko; Oku, Teruo; and Namiki, Takayuki, 4,562,179, Cl. 514-77.000.

Todo Seisakusho Ltd.: *See—*

Shimofuri, Koichi, 4,495,747, Cl. 53-412.000.

Todoh, Hidemasa, to Fuji Xerox Co., Ltd. Thermal recording head drive device. 4,494,126, 1-15-85, Cl. 346-76.0PH.

Todoh, Hidemasa, to Fuji Xerox Co., Ltd. Thermal printer capable of reproducing halftone image. 4,516,135, 5-7-85, Cl. 346-76.0PH.

Todoh, Hidemasa, to Fuji Xerox Co., Ltd. Head for electrostatic recording. 4,546,364, 10-8-85, Cl. 346-155.000.

Todoh, Hidemasa: *See—*

Kimoto, Toshifumi; Todoh, Hidemasa; Itami, Teruhiko; and Saitoh, Koichi, 4,554,557, Cl. 346-74.400.

Todoko, Masaaki; and Watanabe, Hiroyuki, to Toyo Soda Manufacturing Co., Ltd. Process for producing a high purity cyclized polymer of isoprene. 4,508,877, 4-2-85, Cl. 525-333.100.

Todokoro, Hideo; and Fukuhara, Satoru, to Hitachi, Ltd. Potential analyzer. 4,554,455, 11-19-85, Cl. 250-305.000.

Todokoro, Masatoshi. Toy motorcycle. 4,531,751, 7-30-85, Cl. 280-1.11R.

Todokoro, Shigeru; Nakane, Hiroshi; and Maeda, Satoru, to Tokyo Shibaura Denki Kabushiki Kaisha. Tracking servo system for optical-disc information reproducing apparatus. 4,520,469, [illegible]-28-85, Cl. 369-44.000.

- Todoroki, Hiroshi: *See—*
  - Takamiya, Kikuzo; and Todoroki, Hiroshi, 4,541,648, Cl. 280-281.00R.
- Todoroki, Masao: *See—*
  - Kubota, Kazuho; and Todoroki, Masao, 4,541,605, Cl. 249-142.000.
- Todoroki, Tsunehiko; Hayakumo, Tadahiko; and Fukuda, Katsumi, to Matsushita Electric Industrial Co., Ltd. Thermally actuated devices. 4,531,988, 7-30-85, Cl. 148-402.000.
- Todoroki, Tsunehiko: *See—*
  - Fukuda, Katsumi; Ebihara, Masaharu; Hayakumo, Tadahiko; and Todoroki, Tsunehiko, 4,541,326, Cl. 98-40.250.
- Todorova, Yasmina S.: *See—*
  - Koev, Koycho G.; Nedelcheva, Aneliya A.; Todorova, Yasmina S.; and Uzunova, Iglika T., 4,505,432, Cl. 241-29.000.
- Todt, Klaus H.; and Castenmiller, Wilhelmus A. M., to Lever Brothers Company. Edible emulsions containing Amadori rearrangement products. 4,547,387, 10-15-85, Cl. 426-602.000.
- Todt, William H.: *See—*
  - Underwood, Richard H.; and Todt, William H., 4,504,437, Cl. 376-153.000.
- Todtenhaupt, Dieter: *See—*
  - Meuer, Johannes; Nemack, Christian; and Todtenhaupt, Dieter, 4,556,766, Cl. 200-81.90R.
- Toei Denki Kabushiki Kaisha: *See—*
  - Ono, Tadahiro, 4,529,922, Cl. 318-603.000.
- Toei Optical Industries Co. Ltd.: *See—*
  - Takano, Katuto, 4,545,656, Cl. 350-552.000.
- Toepel, Richard R., to General Motors Corporation. Two-cycle diesel engine and method for methanol and like fuel operation. 4,539,948, 9-10-85, Cl. 123-65.0BA.
- Toepert, Michael: *See—*
  - Annen, Klaus; Laurent, Henry; Hofmeister, Helmut; Wiechert, Rudolf; Toepert, Michael; and Wendt, Hans, 4,555,507, Cl. 514-172.000.
- Toeppen, John S., to Bell & Howell Company. Dual lens image rotation system. 4,494,840, 1-22-85, Cl. 353-101.000.
- Toet, Wilhelmina K.: *See—*
  - van de Pas, Johannes C.; van Voorst Vader, Frederik; and Toet, Wilhelmina K., 4,530,780, Cl. 252-528.000.
- Toffolon, Joseph F., to Progressive Machinery Sales, Inc. Bar puller. 4,522,091, 6-11-85, Cl. 82-38.00R.
- Toft Bros. Industries Ltd.: *See—*
  - Stiff, Rodney A., 4,550,552, Cl. 56-13.900.
- Toftness, Irwing N., to Toftness Post-Graduate School of Chiropratic Inc. Antenna structure for collection and detection of radiation. 4,545,383, 10-8-85, Cl. 128-653.000.
- Toftness Post-Graduate School of Chiropratic Inc.: *See—*
  - Toftness, Irwing N., 4,545,383, Cl. 128-653.000.
- Tofukuji, Ikuo: *See—*
  - Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, 4,508,443, Cl. 354-402.000.
- Toga, Yuzo: *See—*
  - Kanno, Tatsuya; and Toga, Yuzo, 4,522,913, Cl. 430-285.000.
- Togano, Shigeo: *See—*
  - Matsufuji, Yohji; Togano, Shigeo; and Ichihashi, Hiroo, 4,499,478, Cl. 346-140.00R.
- Toganoh, Shigeo; and Arai, Ryuichi, to Canon Kabushiki Kaisha. Recording medium. 4,542,059, 9-17-85, Cl. 428-141.000.
- Toganoh, Shigeo; Matsufuji, Yohji; and Ichihashi, Hiroo, to Canon Kabushiki Kaisha. Ink jet recording device modular frame. 4,559,543, 12-17-85, Cl. 346-140.00R.
- Toganoh, Shigeo: *See—*
  - Arai, Ryuichi; and Toganoh, Shigeo, 4,550,053, Cl. 428-304.400.
  - Haruta, Masahiro; Hamamoto, Takashi; and Toganoh, Shigeo, 4,544,580, Cl. 427-261.000.
- Togari, Hisashi, to Nippon Electric Co., Ltd. Single-ended push-pull circuit having a small through-current. 4,508,979, 4-2-85, Cl. 307-513.000.
- Togari, Hisashi; and Miyata, Shinji, to Nippon Electric Co., Ltd. Gain control circuit for obtaining a constant output signal amplitude by attenuating an input signal amplitude. 4,540,953, 9-10-85, Cl. 330-284.000.
- Togari, Satoshi: *See—*
  - Koizumi, Hajime; Ohara, Shumpei; Kouda, Kiyoshi; Nagatomo, Muneshige; Sagara, Noriyasu; Togari, Satoshi; and Izumiyama, Hiroo, 4,522,254, Cl. 165-34.000.
- Togashi, Fusao: *See—*
  - Sakurada, Kazuyuki; Funyu, Yutaka; Togashi, Fusao; Kanno, Toyoji; and Masuda, Toshikazu, 4,506,531, Cl. 72-8.000.
- Togashi, Kousaku: *See—*
  - Sekizawa, Hidekazu; Iwamoto, Akito; Togashi, Kousaku; and Fujie, Hideo, 4,510,866, Cl. 101-365.000.
- Togashi, Minoru; Kato, Kenshiro; and Furuya, Shin-ichi, to Bridgestone Tire Company Limited. Reduced rolling resistance pneumatic radial tire and method of manufacturing the same. 4,513,802, 4-30-85, Cl. 152-353.00R.
- Togashi, Minoru: *See—*
  - Kita, Toshio; Ikeda, Nobumasa; Takusagawa, Takashi; Goto, Yoshiharu; Hayakawa, Hiroshi; and Togashi, Minoru, 4,527,606, Cl. 152-209.00R.
- Togashi, Mokichi. Ignition plug with air passage and double check valve. 4,513,220, 4-23-85, Cl. 313-120.000.
- Togashi, Seigo; and Sekiguchi, Kanetaka, to Citizen Watch Co., Ltd. Method of manufacturing insulated gate thin film field effect transistors. 4,502,204, 3-5-85, Cl. 29-571.000.
- Togawa, Fumio: *See—*
  - Sumiya, Kenji; Togawa, Fumio; and Saito, Osamu, 4,536,444, Cl. 428-340.000.
- Togawa, Hideo; Takezawa, Taihei; Watanabe, Masazumi; Hayashi, Kazuya; and Okuhara, Akira, to Kikkoman Corporation; and Mann's Wine Co., Ltd. Process for producing a seasoning. 4,505,938, 3-19-85, Cl. 426-46.000.
- Togawa, Shingo: *See—*
  - Okumura, Ryuichi; Dohi, Hidemi; and Togawa, Shingo, 4,541,748, Cl. 400-470.000.
- Togawa, Tsuneo: *See—*
  - Nakajima, Taiji; Togawa, Tsuneo; and Koike, Masao, 4,542,031, Cl. 426-307.000.
- Togelang, Emy: *See—*
  - Bredereck, Karl; and Togelang, Emy, 4,491,661, Cl. 536-84.000.
- Togino, Takayoshi, to Olympus Optical Co., Ltd. Microscope objective. 4,521,083, 6-4-85, Cl. 350-414.000.
- Togino, Takayoshi, to Olympus Optical Co., Ltd. Objective lens system for microscopes. 4,540,248, 9-10-85, Cl. 350-414.000.
- Tognoli, Piero: *See—*
  - Migliacci, Antonio; Bono, Giancarlo; and Tognoli, Piero, 4,526,739, Cl. 264-228.000.
- Togo Japan Inc.: *See—*
  - Yamada, Kazuo, 4,531,459, Cl. 104-53.000.
  - Yamada, Kazuo, 4,548,136, Cl. 105-91.000.
  - Yamada, Kazuo, 4,561,514, Cl. 180-8.600.
- Toguzov, Mels Z.: *See—*
  - Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav F.; and Toguzov, Mels Z., 4,521,245, Cl. 75-21.000.
- Tohda, Hiroyuki: *See—*
  - Aoyama, Toshimi; Tohda, Hiroyuki; Kato, Kazuo; and Nakane, Hisashi, 4,557,996, Cl. 430-324.000.
- Tohda, Takao: *See—*
  - Fujita, Yosuke; Tohda, Takao; Matsuoka, Tomizo; Abe, Atsushi; and Nitta, Tsuneharu, 4,547,703, Cl. 313-509.000.
- Tohge, Takeya, to Nippon Yakin Kogyo Kabushiki Kaisha. Process for the decarburization of molten metal. 4,512,802, 4-23-85, Cl. 75-60.000.
- Tohkai, Masaie: *See—*
  - Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.
  - Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, 4,501,428, Cl. 277-12.000.
- Tohkairin, Akira: *See—*
  - Kanamaru, Hisanobu; Tohkairin, Akira; and Kurosawa, Takuzo, 4,541,315, Cl. 82-40.00R.
- Toho Beslon Co., Ltd.: *See—*
  - Izumi, Kazuo; Shimazaki, Kenji; and Seki, Kenji, 4,508,851, Cl. 502-426.000.
  - Minamisawa, Tsuyoshi; Kogo, Yasuo; and Nagata, Yasuhisa, 4,500,660, Cl. 523-428.000.
  - Ogawa, Hiroyasu; Izumi, Kazuo; and Shimazaki, Kenji, 4,520,623, Cl. 57-236.000.
  - Ogawa, Hiroyasu; Shigei, Tetsuro; Takahashi, Hayashi; Okabe, Tetuya; and Miyatake, Fumio, 4,536,448, Cl. 428-394.000.
  - Yoshinari, Osamu; Kawakatsu, Yoshifumi; and Fukuizumi, Hideaki, 4,522,801, Cl. 423-447.400.
  - Yoshinari, Osamu; Sugiyama, Makoto; and Nakai, Hideki, 4,543,241, Cl. 423-447.700.
- Toho-Polymer Kabushika Kaisha: *See—*
  - Nishikawa, Yoshikazu, 4,500,218, Cl. 400-490.000.
- Toho Tekko Co., Ltd.: *See—*
  - Sawabe, Mitsuo; and Imai, Kouichi, 4,523,374, Cl. 29-597.000.
- Toho Titanium Co., Ltd.: *See—*
  - Terano, Minoru; Soga, Hirokazu; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,547,476, Cl. 502-127.000.
  - Terano, Minoru; Kimura, Kouhei; Murai, Atsushi; Inoue, Masuo; and Miyoshi, Katsuyoshi, 4,562,173, Cl. 502-127.000.
- Toho Zinc Co., Ltd.: *See—*
  - Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, 4,526,611, Cl. 75-0.50B.
- Tohoku Metal Industries, Ltd.: *See—*
  - Nemoto, Michio; Yoshida, Kiyokazu; and Baba, Tetsuro, 4,516,101, Cl. 335-208.000.
  - Yamaguchi, Tadashi; Ono, Takayuki; Hirata, Michitoshi; and Yokoyama, Toshihiko, 4,537,645, Cl. 149-3.000.
- Tohoku Mikuni Kogyo Kabushiki Kaisha: *See—*
  - Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, 4,552,312, Cl. 239-585.000.
- Tohoku Ricoh Co. Ltd.: *See—*
  - Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,513,360, Cl. 363-20.000.
  - Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,524,413, Cl. 363-127.000.
- Tohoku University: *See—*
  - Inaba, Humio; Ito, Hiromasa; and Ogawa, Yoh, 4,521,681, Cl. 250-205.000.
  - Tsuya, Noboru; Arai, Kenichi; and Takeuchi, Toshio, 4,523,966, Cl. 148-171.000.

- Tohyama, Atsuko: *See—*
  - Nishimura, Shigeoki; Fujita, Kazunori; Sugimoto, Hiroyuki; Tohyama, Atsuko; Ebato, Noboru; and Matsuda, Shinpei, 4,559,284, Cl. 429-213.000.
- Tohyama, Yoshikuni: *See—*
  - Kanemitsu, Shinji; and Tohyama, Yoshikuni, 4,544,262, Cl. 355-3.0TR.
- Toibana, Yasuo; and Ueno, Kazuo, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Ceramics containing fibers of silicon carbide. 4,507,224, 3-26-85, Cl. 252-516.000.
- Toibana, Yasuo: *See—*
  - Ebata, Yoshihiro; Tamari, Nobuyuki; Toibana, Yasuo; and Hayami, Ryozo, 4,525,387, Cl. 427-190.000.
- Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, to Nippon Infrared Industries Co., Ltd. Laser irradiating apparatus. 4,532,400, 7-30-85, Cl. 219-121.0LS.
- Toida, Masahiro; Suenaga, Norihiro; and Suenaga, Nobuyuki, to Nippon Infrared Industries Co., Ltd. Laser irradiating apparatus. 4,550,240, 10-29-85, Cl. 219-121.0LS.
- Toida, Takashi: *See—*
  - Nakata, Toshikazu; and Toida, Takashi, 4,546,376, Cl. 357-23.700.
- Toillie, Alain; and Wolff, Michel, to Kuhn, S.A. Mower, and method of manufacturing its transmission shaft. 4,557,104, 12-10-85, Cl. 56-13.600.
- Toishi, Yoshiyuki, to Yoshida Kogyo K.K. Method for securing bottom end stop to fastener chain. 4,494,292, 1-22-85, Cl. 29-408.000.
- Toishi, Yoshiyuki, to Yoshida Kogyo K.K. Apparatus for securing bottom end stop to fastener chain. 4,549,348, 10-29-85, Cl. 29-767.000.
- Toivio, Ilkka; and Toivio, Terttu. Device for the improving of the starting of an engine. 4,522,166, 6-11-85, Cl. 123-196.00A.
- Toivio, Terttu: *See—*
  - Toivio, Ilkka; and Toivio, Terttu, 4,522,166, Cl. 123-196.00A.
- Toivola, Reijo J.: *See—*
  - Sodervall, Marja-Liisa; Kurkela, Kauko O. A.; Karjalainen, Arto J.; Toivola, Reijo J.; Kangas, Lauri V. M.; and Blanco, Guillermo L., 4,556,677, Cl. 514-651.000.
- Toivola, Tuomo: *See—*
  - Kainulainen, Raimo; Sipponen, Antti; and Toivola, Tuomo, 4,539,241, Cl. 428-71.000.
- Tojo, Kenji: *See—*
  - Arai, Nobukatsu; Machida, Shigeru; Sato, Eiji; Tojo, Kenji; and Uchikawa, Naoshi, 4,496,296, Cl. 418-55.000.
  - Hazaki, Eiichi; Imai, Masaya; Tojo, Kenji; and Shiibayashi, Masao, 4,555,224, Cl. 418-55.000.
- Tojo, Shigeki: *See—*
  - Kurihara, Takenori; Tojo, Shigeki; and Hirakoso, Yohei, 4,513,256, Cl. 331-4.000.
- Tojo, Toru; and Sugihara, Kazuyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. IC tester using an electron beam capable of easily setting a probe card unit for wafers & packaged IC's to be tested. 4,532,423, 7-30-85, Cl. 250-310.000.
- Tojo, Toru: *See—*
  - Gotou, Mineo; Yoshikawa, Ryoichi; Tojo, Toru; and Wada, Hirotsugu, 4,558,225, Cl. 250-491.100.
- Tokai Carbon Co., Ltd.: *See—*
  - Akiyama, Masaru; Yamada, Jotaro; and Takahata, Masaya, 4,548,774, Cl. 264-44.000.
  - Suzuki, Hiroaki; and Misono, Shinji, 4,500,672, Cl. 524-496.000.
  - Yamamoto, Akira, 4,500,504, Cl. 423-345.000.
- Tokai Electric Wire Company Limited: *See—*
  - Ito, Katsuya, 4,556,226, Cl. 277-207.00A.
  - Saijo, Eiji; and Wakata, Shigekazu, 4,540,233, Cl. 339-258.00R.
- Tokai Industrial Sewing Machine Co., Ltd.: *See—*
  - Tajima, Ikuo, 4,513,672, Cl. 112-100.000.
- Tokai Kogyo Mishin Kabushiki Kaisha: *See—*
  - Tajima, Ikuo, 4,495,876, Cl. 112-103.000.
- Tokai Rubber Industries, Ltd.: *See—*
  - Kakimoto, Toshihiko; Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,491,304, Cl. 267-140.100.
  - Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,553,744, Cl. 267-140.100.
  - Morita, Yasuhiro; and Tsukamoto, Yoshikazu, 4,513,990, Cl. 280-725.000.
  - Shiroyama, Shoichi; Yamashita, Kazuo; and Morishita, Katsuji, 4,506,868, Cl. 267-3.000.
- Tokai, Shigeru: *See—*
  - Tomioka, Kunio; Tokai, Shigeru; and Tsuchida, Tatsuo, 4,510,789, Cl. 72-442.000.
- Tokai Shoji Co. Ltd.: *See—*
  - Shirataki, Kenji, 4,509,455, Cl. 118-696.000.
- Tokai TRW & Co. Ltd.: *See—*
  - Abe, Michio; and Maeda, Naoyuki, 4,499,964, Cl. 180-142.000.
  - Abe, Michio; Maeda, Naoyuki; and Lynas, Robert M., 4,512,367, Cl. 137-554.000.
  - Abe, Michio, 4,521,141, Cl. 409-48.000.
  - Abe, Michio; Maeda, Naoyuki; and Tokunaga, Shigemitsu, 4,549,628, Cl. 180-143.000.
- Tokaichi, Tetsuro: *See—*
  - Ichimura, Yoshiaki; Noda, Atsuhito; Tokaichi, Tetsuro; and Umesato, Shoji, 4,519,660, Cl. 339-75.00M.
- Tokar, Boris I.: *See—*
  - Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.
- Tokar, Joseph C., to Donaldson Company, Inc. Air cleaner and deflecting intake tube. 4,491,460, 1-1-85, Cl. 55-337.000.
- Tokarzewski, Richard J.; and Schreiber, William L., to International Flavors & Fragrances Inc. Acetyl dimethylbutylcyclohexene and organoleptic uses thereof. 4,533,492, 8-6-85, Cl. 252-522.00R.
- Toke, Laszlo; Agai, Bela; Bitter, Istvan; Pungor, Erno; Szepesvary nee Toth, Klara; Lindner, Erno; Horvath, Maria; and Havas, Jeno, to Magyar Tudomanyos Akademia. Crown ether compounds, process for the preparation of the crown ether complex forming agents and ion-selective membrane electrodes containing the same. 4,531,007, 7-23-85, Cl. 549-351.000.
- Toke, Laszlo: *See—*
  - Fogassy, Elemer; Toke, Laszlo; Faigl, Ferenc; Soos, Rudolf; Bozzay, Jozsef; Kolta, Rezso; Nemes, Jozsef; and Bencsik, Peter, 4,508,919, Cl. 562-401.000.
- Tokes, Zoltan A.: *See—*
  - Shell, William E.; Burnam, Michael H.; and Tokes, Zoltan A., 4,492,753, Cl. 435-17.000.
- Tokhunts, Roman D.: *See—*
  - Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and Levin, Sofia N., administratrix, 4,494,925, Cl. 431-158.000.
- Toki, Susumu; and Nagahiro, Kenichi, to Honda Giken Kogyo Kabushiki Kaisha. Blow-by gas passage system for internal combustion engines. 4,501,234, 2-26-85, Cl. 123-41.860.
- Toki, Tsukasa: *See—*
  - Yoshinaka, Shigeo; Toki, Tsukasa; Tsuji, Tomoji; and Uchiyama, Seiji, 4,507,510, Cl. 568-811.000.
- Tokico Kabushiki Kaisha: *See—*
  - Ishida, Kunio; and Kaneko, Shinji, 4,544,144, Cl. 267-64.150.
- Tokico Ltd.: *See—*
  - Imaizumi, Tomio, 4,503,951, Cl. 188-280.000.
  - Kiba, Hiroshi; Itoh, Yoshimasa; and Kiryu, Kiyuji, 4,498,414, Cl. 118-663.000.
  - Kiryu, Kyuji; and Aizawa, Kensuke, 4,546,724, Cl. 118-669.000.
  - Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, 4,500,761, Cl. 200-84.00C.
  - Miura, Ieaki, 4,512,447, Cl. 188-322.150.
  - Muto, Toshiaki; and Goto, Akio, 4,495,790, Cl. 72-326.000.
  - Sawano, Susumu; Gofuku, Yoshihiro; Hashimoto, Junji; and Ando, Takayuki, 4,524,851, Cl. 188-134.000.
  - Shimokura, Akihiro, 4,535,877, Cl. 188-319.000.
  - Takayama, Toshio; Ando, Hiromi; and Endou, Mitsuhiro, 4,535,680, Cl. 91-376.00R.
  - Tamura, Koichi, 4,498,564, Cl. 188-73.320.
  - Tamura, Koichi, 4,537,292, Cl. 188-73.390.
  - Tsuge, Kazuo, 4,492,533, Cl. 417-372.000.
- Tokieda, Naomitsu. Lamp ribbon. 4,514,791, 4-30-85, Cl. 362-249.000.
- Tokiguchi, Katsumi: *See—*
  - Itoh, Haruo; Tokiguchi, Katsumi; Warabisako, Terunori; Saitoh, Tadashi; and Tokuyama, Takashi, 4,533,831, Cl. 250-492.200.
  - Sakudo, Noriyuki; Abe, Katsunobu; Tokiguchi, Katsumi; Koike, Hidemi; and Okada, Osami, 4,543,465, Cl. 219-121.0PD.
- Tokita, Kiyoshi; Sone, Toshinao; and Nakamura, Michio, to Tokyo Shibaura Denki Kabushiki Kaisha. Cathode-ray tube. 4,535,907, 8-20-85, Cl. 220-2.10A.
- Tokita, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Cathode-ray tube. 4,537,321, 8-27-85, Cl. 220-2.10A.
- Tokita, Susumu: *See—*
  - Inoue, Hiromichi; Fukui, Masahiro; Goto, Yasuyuki; and Tokita, Susumu, 4,507,222, Cl. 252-299.630.
- Tokitsu, Naoki; Fujiwara, Toshitaka; Kato, Toranosuke; and Uno, Toshihiko, to Nippondenso Co., Ltd.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Automotive driving instruction system. 4,500,868, 2-19-85, Cl. 340-52.00F.
- Tokiwa Kanpo Pharmaceutical Co., Ltd.: *See—*
  - Iwamura, Junichi, 4,548,831, Cl. 426-634.000.
- Tokiwa, Toru, to Amada Company, Limited. Method and apparatus for detecting the cutting resistance in bandsaw machines. 4,557,168, 12-10-85, Cl. 83-56.000.
- Tokiwado Kaminari Okoshi Co., Ltd.: *See—*
  - Koyama, Sadao, 4,548,830, Cl. 426-620.000.
- Tokiwai, Moriyasu; Moriguchi, Sakumi; and Shinkawa, Takao, to Jeol Ltd.; and Central Research Institute of Electric Power Industry. Method for automatic analysis of electron beam diffraction pattern. 4,553,030, 11-12-85, Cl. 250-307.000.
- Tokizaki, Hisashi; and Sato, Hironobu, to Sanyo Electric Co., Ltd.; and Tokyo Sanyo Electric Co., Ltd. Control device for brushless motor. 4,495,450, 1-22-85, Cl. 318-138.000.
- Toko, Inc.: *See—*
  - Endoh, Kunihisa; and Hayakawa, Yasumitsu, 4,506,238, Cl. 333-138.000.
  - Nakayama, Koichi; and Tanaka, Yoshito, 4,531,065, Cl. 307-200.00A.
  - Sakai, Koichi, 4,517,508, Cl. 323-352.000.
- Toko Kabushiki Kaisha: *See—*
  - Sakai, Koichi, 4,546,274, Cl. 307-494.000.
- Toko Yakuhin Industry Co., Ltd.: *See—*
  - Kamishita, Takuzo, 4,543,251, Cl. 424-81.000.
  - Kamishita, Takuzo, 4,545,992, Cl. 514-161.000.

- Tokoli, Emery G.; Horgan, Anthony M.; and Carmichael, Kathleen M., to Xerox Corporation. Process for the preparation of high purity phthalocyanine pigments. 4,508,650, 4-2-85, Cl. 260-245.860.
- Tokoli, Emery G.: *See*—
  - Page, Geoffrey A.; Tokoli, Emery G.; Cosgrove, Robert T.; and Spiewak, John W., 4,557,868, Cl. 260-245.890.
- Tokoro, Setsuo: *See*—
  - Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.
- Tokuda, Hiroshi: *See*—
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,147, Cl. 514-274.000.
  - Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.
- Tokuda, Kazuo. *See*—
  - Sugawara, Mitsutoshi; Tokuda, Kazuo; and Sawataishi, Tokio, 4,562,412, Cl. 331-53.000.
- Tokuda, Kuniaki: *See*—
  - Yamazato, Fujio; Tokuda, Kuniaki; and Oda, Toshihiko, 4,503,156, Cl. 436-79.000.
- Tokuda, Ryuji, to Canon Kabushiki Kaisha. Exposure control device for camera. 4,512,643, 4-23-85, Cl. 354-21.000.
- Tokuda, Ryuji: *See*—
  - Egawa, Akira; and Tokuda, Ryuji, 4,544,254, Cl. 354-403.000.
  - Ohtsuka, Masanori; and Tokuda, Ryuji, 4,550,992, Cl. 354-173.110.
  - Suzuki, Ryoichi; and Tokuda, Ryuji, 4,500,193, Cl. 354-471.000.
  - Suzuki, Ryoichi; and Tokuda, Ryuji, 4,502,774, Cl. 354-403.000.
  - Suzuki, Ryoichi; and Tokuda, Ryuji, 4,537,489, Cl. 354-403.000.
  - Suzuki, Ryoichi; and Tokuda, Ryuji, 4,542,970, Cl. 354-400.000.
  - Suzuki, Ryoichi; and Tokuda, Ryuji, 4,547,770, Cl. 340-636.000.
- Tokuda, Yoshiaki: *See*—
  - Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, 4,561,509, Cl. 177-25.000.
- Tokuhara, Mitsuhiro; Torigai, Akiyoshi; and Morikawa, Teruo, to Canon Kabushiki Kaisha. Variable magnification optical apparatus. 4,497,573, 2-5-85, Cl. 355-58.000.
- Tokuhara, Mitsuhiro, to Canon Kabushiki Kaisha. Projection device. 4,536,084, 8-20-85, Cl. 355-55.000.
- Tokuhara, Mitsuhiro; and Yamada, Yu, to Canon Kabushiki Kaisha. Variable magnification optical system. 4,560,242, 12-24-85, Cl. 350-425.000.
- Tokuhara, Mitsuhiro, to Canon Kabushiki Kaisha. Printer head and electrophotographic printer utilizing the same. 4,560,999, 12-24-85, Cl. 346-160.000.
- Tokui, Masaaki; Masaoka, Toshika; and Ota, Atsushi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Vertical type pressure casting method. 4,505,318, 3-19-85, Cl. 164-113.000.
- Tokumaru, Hisashi, to Minolta Camera Kabushiki Kaisha. Zoom lens system. 4,516,839, 5-14-85, Cl. 350-426.000.
- Tokumitsu, Jun; and Minoura, Kazuo, to Canon Kabushiki Kaisha. Original reading apparatus 4,512,632, 4-23-85, Cl. 350-167.000.
- Tokumitsu, Junsuke, to Victor Company of Japan, Ltd. Video insert editing with control signals derived off tape or from the insert. 4,510,535, 4-9-85, Cl. 360-14.200.
- Tokumitsu, Junsuke, to Victor Company of Japan, Ltd. Noise control circuit for slow-motion/still-motion video reproduction system. 4,531,162, 7-23-85, Cl. 360-10.300.
- Tokumitsu, Kiyonori, to Mitsubishi Denki Kabushiki Kaisha. Liquid-seal type motor having insulating oil pressure compensation. 4,558,246, 12-10-85, Cl. 310-87.000.
- Tokumitsu, Kiyonori: *See*—
  - Yamamoto, Sakuei; and Tokumitsu, Kiyonori, 4,558,247, Cl. 310-87.000.
- Tokumo, Akio, to Pioneer Electronic Corporation. Voltage-controlled attenuator. 4,496,860, 1-29-85, Cl. 307-542.000.
- Tokumori, Yutaka; Mokuda, Osamu; Ikeda, Tadasu; Takeda, Akira; Tominaga, Masato; and Mashiba, Hiroto, to Eisai Co., Ltd. Method of treating diabetic nephropathy. 4,562,071, 12-31-85, Cl. 424-94.000.
- Tokunaga, Fumihiro: *See*—
  - Takahashi, Hiroshi; Nishioka, Akira; Tokunaga, Fumihiro; Aotani, Yoshimasa; and Aono, Koichiro, 4,542,085, Cl. 430-158.000.
- Tokunaga, Hiroshi: *See*—
  - Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,495,508, Cl. 346-159.000.
  - Tarumi, Noriyoshi; Iwahashi, Haruo; Matsunawa, Masahiko; and Tokunaga, Hiroshi, 4,562,447, Cl. 346-159.000.
- Tokunaga, Isao: *See*—
  - Nakagawa, Junyo; Yamaguchi, Shinji; Hirakawa, Kiyoshi; Tokunaga, Isao; and Ito, Masaaki, 4,514,459, Cl. 428-229.000.
- Tokunaga, Shigemitsu: *See*—
  - Abe, Michio; Maeda, Naoyuki; and Tokunaga, Shigemitsu, 4,549,628, Cl. 180-143.000.
- Tokunaga, Toshihide: *See*—
  - Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, 4,493,530, Cl. 350-96.340.
  - Kajioka, Hiroshi; Tokunaga, Toshihide; and Nakagawa, Junkichi, 4,500,168, Cl. 350-96.340.
- Tokunaga, Toshimichi: *See*—
  - Ishimitsu, Ikuo; Tokunaga, Toshimichi; Tanaka, Takeshi; and Anan, Yoshiaki, 4,555,126, Cl. 280-707.000.
- Tokunaga, Toshio: *See*—
  - Takeshita, Masaru; Tokunaga, Toshio; and Ogawa, Yuichiro, 4,516,451, Cl. 83-171.000.
- Tokunaga, Yoshikuni; and Yamada, Masato, to Nippon Steel Corporation. Method for the production of cold rolled steel sheet having super deep drawability. 4,504,326, 3-12-85, Cl. 148-12.00C.
- Tokunaga, Yoshikuni: *See*—
  - Akisue, Osamu; Yamada, Teruaki; Ueda, Shigeru; Tokunaga, Yoshikuni; and Yamada, Masato, 4,551,182, Cl. 148-12.00C.
- Tokuno, Masateru; and Sawata, Tetsuya, to Rengo Co., Ltd. Surface winder. 4,508,279, 4-2-85, Cl. 242-56.00R.
- Tokuno, Masateru; Sawata, Tetsuya; and Mori, Yasuharu, to Rengo Co., Ltd. Web printing apparatus with printing plate cylinder and web speed control. 4,541,335, 9-17-85, Cl. 101-181.000.
- Tokuno, Masateru; Sawata, Tetsuya; and Mori, Yasuharu, to Rengo Co., Ltd. Apparatus for positioning tools. 4,548,109, 10-22-85, Cl. 83-71.000.
- Tokura, Kimihide: *See*—
  - Kurafuzi, Takamasa; and Tokura, Kimihide, 4,495,532, Cl. 360-71.000.
- Tokura, Naomi; and Hasegawa, Yoji, to Nissan Motor Company, Limited. Exhaust purification apparatus. 4,541,239, 9-17-85, Cl. 60-286.000.
- Tokura, Nobuyuki; Hakamata, Yoshiro; and Oguchi, Kimio, to Nippon Telegraph & Telephone Public Corporation. Burst signal receiving apparatus. 4,562,582, 12-31-85, Cl. 375-87.000.
- Tokura, Norihito; Kawai, Hisasi; Kohama, Tokio; and Kanehara, Kenji, to Nippon Soken, Inc. Signal converting apparatus. 4,550,308, 10-29-85, Cl. 340-347.0NT.
- Tokura, Norihito: *See*—
  - Kanehara, Kenji; Kohama, Tokio; Kawai, Hisasi; and Tokura, Norihito, 4,537,172, Cl. 123-527.000.
- Tokusen Kogyo Kabushiki Kaisha: *See*—
  - Miyauchi, Toshiaki; and Yoneda, Osamu, 4,506,500, Cl. 57-212.000.
  - Yoneda, Osamu, 4,509,318, Cl. 57-212.000.
- Tokushuku, Keiko: *See*—
  - Takigami, Katsuhiko; and Tokushuku, Keiko, 4,500,907, Cl. 357-79.000.
- Tokusima, Akira; and Inaba, Ritsuo, to Matsushita Electric Industrial Co., Ltd. Piezoelectric motor. 4,562,373, 12-31-85, Cl. 310-328.000.
- Tokutake, Kunihiko; Mizokami, Nobuo; and Tanaka, Hiroyuki, to Kabushiki Kaisha Kobe Seiko Sho. Diagnosis method of rotary kiln interior. 4,510,807, 4-16-85, Cl. 73-432.00R.
- Tokuume, Yoshihiro; and Sato, Hideaki, to Canon Kabushiki Kaisha. Information recording and reproducing apparatus. 4,546,392, 10-8-85, Cl. 360-30.000.
- Tokuyama, Akio: *See*—
  - Furuno, Nobuo; Ota, Yoshio; Itai, Masahiro; Tokuyama, Akio; and Nakano, Eiichi, 4,501,649, Cl. 204-181.00R.
- Tokuyama, Kanji; Nishitani, Yasuhiro; Tanaka, Mamoru; and Nagata, Wataru, to Shionogi & Co., Ltd. Process for preparing phosphine oxides. 4,511,738, 4-16-85, Cl. 568-14.000.
- Tokuyama, Kanji: *See*—
  - Ikawa, Kenji; Tokuyama, Kanji; and Kiyokawa, Masumi, 4,491,668, Cl. 549-315.000.
- Tokuyama, Keiichi; Naito, Shotaro; and Watanabe, Shizuhisa, to Hitachi, Ltd. Power source system for vehicular electronic device. 4,553,196, 11-12-85, Cl. 363-21.000.
- Tokuyama Sekisui Industry Corporation, Ltd.: *See*—
  - Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.
- Tokuyama Sekisui Kogyo Kabushiki Kaisha: *See*—
  - Hata, Akio; and Tanga, Michifumi, 4,517,350, Cl. 526-344.200.
- Tokuyama Soda Kabushiki Kaisha: *See*—
  - Kusumoto, Koshi; Kawaguchi, Toshio; and Ogata, Takayuki, 4,533,701, Cl. 525-370.000.
  - Kusumoto, Koshi; Kawaguchi, Toshio; Nakahara, Takeshi; and Kunimoto, Shinichiro, 4,535,102, Cl. 523-116.000.
  - Takada, Kazuya; Toyama, Shigeyuki; and Numata, Yoshihiko, 4,526,772, Cl. 423-556.000.
- Tokuyama, Takashi: *See*—
  - Itoh, Haruo; Tokiguchi, Katsumi; Warabisako, Terunori; Saitoh, Tadashi; and Tokuyama, Takashi, 4,533,831, Cl. 250-492.200.
  - Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, 4,498,951, Cl. 156-612.000.
- Tokuyama, Yoshio, to Victor Company of Japan, Ltd. System for reproducing a video signal in a slow motion or still picture reproduction. 4,510,533, 4-9-85, Cl. 360-10.200.
- Tokuyama, Yoshio, to Victor Company of Japan, Ltd. D.C. motor driving circuit. 4,514,668, 4-30-85, Cl. 318-294.000.
- Tokuyama, Yoshio, to Victor Company of Japan, Ltd. Reproducing apparatus capable of performing high-speed reproduction of a video signal. 4,521,815, 6-4-85, Cl. 360-10.200.
- Tokyo Denpa Kabushiki Kaisha: *See*—
  - Ishigami, Sumiyuki; and Sato, Mitsuru, 4,550,475, Cl. 29-25.350.
- Tokyo Denshi Kagaku Co., Ltd.: *See*—
  - Nakayama, Muneo, 4,542,710, Cl. 118-52.000.
- Tokyo Denshi Kagaku Kabushiki Kaisha: *See*—
  - Nakayama, Muneo, 4,528,934, Cl. 118-52.000.
  - Uehara, Akira, Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,239, Cl. 219-121.0PG.

Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, 4,550,242, Cl. 219-121.0PG.
Tokyo Electric Co., Ltd.: *See*—
Hira, Yutaka; Ukai, Yoshitaka; Akuzawa, Yoshihide; Aoki, Osamu; and Shimatani, Saburo, 4,509,874, Cl. 400-691.000.
Horiya, Keiichi; Shiozaki, Tsugio; and Sato, Koichiro, 4,507,668, Cl. 346-76.0PH.
Horiya, Keiichi; and Miyazaki, Naoki, 4,524,367, Cl. 346-76.0PH.
Kawaguchi, Yukio, deceased; and Kawaguchi, Nobuichi, legal representative, 4,511,833, Cl. 318-696.000.
Kimura, Tutomu; Tsuge, Takeyoshi; Torisawa, Yoshihiro; and Makino, Ayumu, 4,562,446, Cl. 346-140.00R.
Kubota, Hiromi; and Kambe, Toshiyuki, 4,551,588, Cl. 200-33.00R.
Maekawa, Motoi, 4,556,332, Cl. 400-3.000.
Miyazaki, Naoki; Horiya, Keiichi; Shiozaki, Tsugio; and Takahama, Kazuhide, 4,511,903, Cl. 346-76.0PH.
Nishikawa, Hisashi; Suzuki, Satoshi; Hirata, Masanobu; Sakamoto, Koichiro; Fujisawa, Ikuo; and Takeno, Shozo, 4,511,877, Cl. 338-2.000.
Ochiai, Kuniaki; and Komakine, Shigeo, 4,537,520, Cl. 400-124.000.
Ochiai, Kuniaki; Norigoe, Takashi; and Iinuma, Masayuki, 4,547,085, Cl. 400-124.000.
Ochiai, Kuniaki, 4,555,192, Cl. 400-124.000.
Saito, Shunji, 4,547,820, Cl. 360-71.000.
Sakura, Yasuhiro; Takai, Yoshihiro; and Suzuki, Michio, 4,500,893, Cl. 346-76.0PH.
Sakura, Yasuhiro; Nakajima, Yasushi; Tajima, Noriyasu; and Nimura, Hitoshi, 4,516,208, Cl. 364-466.000.
Tsuge, Takeyoshi; Torisawa, Yoshihiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,469, Cl. 400-119.000.
Tsuge, Takeyoshi; Torisawa, Yoshiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,472, Cl. 400-124.000.
Tokyo Electric Power Co., Inc.: *See*—
Maeda, Takafumi; and Mine, Setsurou, 4,546,303, Cl. 323-210.000.
Suzuki, Mamoru; and Tanaka, Hiromoto, 4,538,994, Cl. 434-219.000.
Suzuki, Mamoru; and Tanaka, Hiromoto, 4,545,767, Cl. 434-224.000.
Tokyo Gas Co., Ltd.: *See*—
Kamuro, Takashi; Ootsuga, Hisao; Saito, Isao; and Koga, Motoyuki, 4,556,580, Cl. 427-8.000.
Tokyo Institute of Technology: *See*—
Minami, Kazuo, 4,495,442, Cl. 315-3.000.
Yamamoto, Takakazu; Yamamoto, Akio; and Sanechika, Kenichi, 4,521,589, Cl. 528-380.000.
Tokyo Juki Industrial Co., Ltd.: *See*—
Barozzi, Gian P.; and Horeschi, Giancarlo, 4,527,922, Cl. 400-637.500.
Horeschi, Giancarlo; and Barozzi, Gian P., 4,552,474, Cl. 400-310.000.
Ohchi, Torao; and Yasui, Hideo, 4,538,533, Cl. 112-239.000.
Shinomiya, Hiroaki; and Noguchi, Minetoshi, 4,520,745, Cl. 112-266.100.
Tokyo Kagaku Kikai K.K.: *See*—
Minami, Masana; Tamaki, Hiroshi; Sasaki, Tsuneo; and Kimura, Kazuaki, 4,507,647, Cl. 340-347.00P.
Tokyo Keiki Company, Ltd.: *See*—
Ito, Koji; Onishi, Masanori; and Hayashi, Hisao, 4,527,283, Cl. 382-9.000.
Matsushima, Yoshiaki; Chiaki, Nobutaka; Kato, Kuniaki; and Horikiri, Toshihiko, 4,561,628, Cl. 251-30.010.
Takamatsu, Takashi; and Ohnuki, Tetsuo, 4,514,152, Cl. 418-61.00B.
Takeuchi, Kunihiko; Hayashi, Kiyoshi; and Shimomura, Yasuo, 4,528,491, Cl. 318-603.000.
Tokyo Kogaku Kikai Kabushiki Kaisha: *See*—
Fumio, Ohtomo, 4,560,271, Cl. 356-5.000.
Komura, Seiichi, 4,544,121, Cl. 248-331.000.
Komura, Seiichi, 4,548,373, Cl. 248-122.000.
Minami, Masana; Kimura, Kazuaki; Kondo, Masayuki; and Sasaki, Tsuneo, 4,529,964, Cl. 340-347.00P.
Nunokawa, Kazuo; and Masuyama, Masayuki, 4,511,227, Cl. 351-208.000.
Nunokawa, Kazuo, 4,544,248, Cl. 354-62.000.
Nunokawa, Kazuo, 4,558,932, Cl. 351-206.000.
Ohtomo, Fumio, 4,531,833, Cl. 356-5.000.
Sasaki, Tsuneo; Ohtomo, Fumio; Yokokura, Takashi; and Kondo, Fumitomo, 4,547,667, Cl. 250-231.0SE.
Suzuki, Toru; Sano, Eiichi; and Hanamura, Yoshihiko, 4,526,450, Cl. 351-206.000.
Tokyo Kogyo Kabushiki Kaisha: *See*—
Yoshihara, Tetsuya, 4,498,611, Cl. 222-599.000.
Tokyo Land Corporation: *See*—
Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, 4,545,292, Cl. 98-42.210.
Tokyo Medical and Dental University: *See*—
Inaba, Yutaka, 4,510,926, Cl. 128-20.000.
Tokyo Ohka Kogyo Co., Ltd.: *See*—
Washo, Junichi; Miyazaki, Takaaki; Ishii, Mitsuo; Nakayama, Muneo; Hashimoto, Akira; and Nishimura, Toshihiro, 4,527,865, Cl. 350-357.000.
Tokyo Ohka Kogyo Kabushiki Kaisha: *See*—
Toda, Shozo; Yasuda, Kenji; and Kokubo, Shozo, 4,525,276, Cl. 210-433.200.
Tokyo Petcage Co., Ltd.: *See*—
Sugiura, Masami, 4,527,512, Cl. 119-19.000.
Tokyo Printing Ink Mfg. Co., Ltd.: *See*—
Yamane, Toshihiro; Ohashi, Kenzi; and Sakaguchi, Toshiharu, 4,525,297, Cl. 252-511.000.
Tokyo Rope Mfg., Co., Ltd.: *See*—
Suzuki, Katsuhiko; and Naganuma, Seihachi, 4,501,115, Cl. 57-220.000.
Tokyo Sanyo Electric Co., Ltd.: *See*—
Kusakabe, Hiroyoshi; Ishiko, Hideo; Okumura, Takeshi; Izumi, Masashi; and Furukawa, Masahiro, 4,505,123, Cl. 62-148.000.
Sakamoto, Junji; and Kishi, Hiroyasu, 4,496,978, Cl. 358-155.000.
Sato, Takehisa, 4,510,563, Cl. 363-20.000.
Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,536,631, Cl. 219-10.770.
Tazima, Yoshihisa; Morishima, Masayuki; Okumura, Hiroshi; and Kasahara, Shin-ichi, 4,556,770, Cl. 219-10.49R.
Tokizaki, Hisashi; and Sato, Hironobu, 4,495,450, Cl. 318-138.000.
Tokyo Seat Co., Ltd.: *See*—
Munakata, Shunsaku; Ukai, Hitoshi; Noguchi, Mitsuru; and Sawai, Shinichi, 4,555,380, Cl. 264-510.000.
Tokyo Shibaura Denki Kabushiki Kaisha: *See*—
Abe, Takahiko, 4,520,395, Cl. 358-163.000.
Abou, Shouji; and Sasaki, Itsuo, 4,524,328, Cl. 330-253.000.
Abuyama, Yasuo, 4,540,274, Cl. 355-14.0FU.
Aida, Satoshi; and Itoh, Ayao, 4,558,709, Cl. 128-719.000.
Aizawa, Yukio, 4,513,362, Cl. 363-41.000.
Ajima, Takashi; Ohshima, Jiro; and Koshino, Yutaka, 4,515,642, Cl. 148-1.500.
Anbe, Yoshiharu, 4,506,532, Cl. 72-8.000.
Ando, Hideo, 4,517,666, Cl. 369-45.000.
Ando, Hideo, 4,521,680, Cl. 250-201.000.
Ando, Hideo, 4,546,460, Cl. 369-45.000.
Andow, Fumio; Okita, Yuji; and Suga, Noriyoshi, 4,507,700, Cl. 361-80.000.
Andow, Fumio, and Nakashima, Masuo, 4,511,981, Cl. 364-492.000.
Andow, Fumio; Yamaura, Mitsuru; and Kondow, Ryotaro, 4,541,058, Cl. 364-483.000.
Andow, Fumio; and Inagaki, Junichi, 4,561,120, Cl. 455-612.000.
Aoki, Masayuki, 4,524,258, Cl. 219-10.55B.
Aoyama, Masaharu; Hiraki, Shunichi; and Yonezawa, Toshio, 4,507,673, Cl. 357-23.00R.
Aoyama, Masaharu; Abe, Masahiro; Ajima, Takashi; and Yonezawa, Toshio, 4,520,041, Cl. 427-88.000.
Aoyama, Shuki, 4,497,993, Cl. 219-10.55C.
Aoyama, Shuki, 4,549,054, Cl. 219-10.55R.
Arabori, Yoshinari; and Sato, Hisao, 4,501,945, Cl. 219-10.55F.
Arai, Kazuhiro, 4,519,127, Cl. 29-571.000.
Ariga, Yoshio; Miyano, Toshiyuki; and Wakisaka, Yukinori, 4,501,418, Cl. 271-187.000.
Ariizumi, Shoji, 4,527,213, Cl. 361-56.000.
Ariizumi, Shoji; Segawa, Makoto; and Masuoka, Fujio, 4,535,426, Cl. 365-182.000.
Ariizumi, Shoji; and Segawa, Makoto, 4,539,490, Cl. 307-296.00R.
Ariizumi, Shoji; and Segawa, Makoto, 4,541,006, Cl. 357-41.000.
Ariizumi, Shoji; and Segawa, Makoto, 4,544,941, Cl. 357-71.000.
Ariizumi, Syoji; Fukatsu, Yasushi; and Masuoka, Fujio, 4,558,343, Cl. 357-51.000.
Arita, Masataka; and Matsubara, Mitsuyoshi, 4,520,494, Cl. 378-108.000.
Asano, Masamichi; and Iwahashi, Hiroshi, 4,506,350, Cl. 365-191.000.
Asano, Masamichi; and Iwahashi, Hiroshi, 4,509,148, Cl. 365-230.000.
Bannai, Akira, 4,517,643, Cl. 364-200.000.
Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.
Dobashi, Yoshitomi; Asakura, Masahiko; and Kohmoto, Kohtaro, 4,562,379, Cl. 313-619.000.
Donuma, Kenichi; Ohashi, Makoto; and Ozeki, Takeshi, 4,539,476, Cl. 250-227.000.
Egawa, Hideharu; Nishi, Yoshio; and Maeguchi, Kenji, 4,491,856, Cl. 357-4.000.
Egawa, Hideharu, 4,547,681, Cl. 307-279.000.
Egawa, Hideharu, 4,547,790, Cl. 357-42.000.
Eguchi, Kazutoshi, 4,495,575, Cl. 364-200.000.
Eguchi, Kazutoshi, 4,502,115, Cl. 364-200.000.
Emoto, Takao; and Nagata, Yoshitaka, 4,527,717, Cl. 222-593.000.
Endo, Tamotu, 4,535,378, Cl. 361-18.000.
Endoh, Naoki, 4,553,131, Cl. 340-347.0DD.
Enjoji, Susumu; and Saito, Koji, 4,548,210, Cl. 128-660.000.
Etou, Kazumi; and Komoto, Tetsuo, 4,512,162, Cl. 62-298.000.
Fujii, Takashi; Ushizawa, Jisaburo; and Watanabe, Masayuki, 4,533,822, Cl. 219-553.000.
Fujiki, Masao, 4,524,398, Cl. 360-78.000.
Fujiki, Masao, 4,539,607, Cl. 360-77.000.
Fujimori, Yasutomo, 4,492,469, Cl. 356-361.000.
Fujimoto, Shigeru, 4,517,769, Cl. 51-105.00R.
Fujinami, Yoshio; Itoyama, Katumi; and Ochiai, Hiroshi, 4,533,805, Cl. 200-304.000.
Fujinuma, Makoto; Futatsudera, Masaomi; and Harigae, Makoto, 4,491,763, Cl. 313-405.000.
Fujioka, Yoshiharu; Onuki, Akio; and Sakamoto, Tomio, 4,509,084, Cl. 360-84.000.
Fujioka, Yoshiharu; Onuki, Akio; and Takei, Shushi, 4,562,503, Cl. 360-123.000.
Fujita, Katsuji, 4,543,593, Cl. 357-48.000.

Fujita, Yasuhiko; and Masuda, Eiji, 4,539,551, Cl. 340-347.0AD.
Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki, 4,514,234, Cl. 148-11.50P.
Fukatsu, Kunio, 4,510,381, Cl. 235-379.000.
Fukatsu, Kunio, 4,524,268, Cl. 235-379.000.
Fukuda, Hirokazu; and Hashimoto, Masaru, 4,498,054, Cl. 330-261.000.
Fukuhara, Yoshio; and Koizumi, Hideo, 4,531,227, Cl. 378-144.000.
Fukumitsu, Akira; and Sagara, Shigetoshi, 4,507,769, Cl. 369-77.200.
Fukuoka, Yoshitaka; and Komine, Toshiaki, 4,517,738, Cl. 29-840.000.
Fukushi, Yukihiro, 4,557,589, Cl. 355-14.0SH.
Furukawa, Kazuyoshi; Shimbo, Masaru; Fukuda, Kiyoshi; and Tanzawa, Katsujirou, 4,542,105, Cl. 501-22.000.
Futaki, Kenji; and Dekura, Hitoshi, 4,500,971, Cl. 364-513.500.
Goto, Kuniaki, 4,547,743, Cl. 330-254.000.
Gotou, Mineo; Yoshikawa, Ryoichi; Tojo, Toru; and Wada, Hirotsugu, 4,558,225, Cl. 250-491.100.
Gupta, Nand K., 4,543,490, Cl. 250-578.000.
Haginomori, Eiichi, 4,493,008, Cl. 361-341.000.
Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, 4,503,136, Cl. 430-106.600.
Harada, Koosuke; and Murata, Katsuaki, 4,553,199, Cl. 363-75.000.
Harada, Nozomu, 4,492,980, Cl. 358-213.000.
Harada, Nozomu; Ito, Hiroshi; and Adachi, Toshikazu, 4,523,544, Cl. 118-702.000.
Harada, Nozomu; Oana, Yasuhisa; Ogi, Keisuke; Izawa, Koji; Taya, Akira; and Sakamoto, Masanori, 4,534,622, Cl. 350-334.000.
Harada, Nozomu; and Yoshida, Okio, 4,535,363, Cl. 358-213.000.
Harada, Nozomu; Endo, Yukio; Yoshida, Okio; and Matsunaga, Yoshiyuki, 4,543,489, Cl. 250-578.000.
Harada, Nozomu; and Yoshida, Okio, 4,543,601, Cl. 358-213.000.
Haramaki, Toshio, 4,525,059, Cl. 355-8.000.
Harata, Mituo; Hiraki, Hideaki; Uno, Shigeki; Sakuma, Kazuo; and Matsunaga, Kiyosi, 4,509,035, Cl. 338-35.000.
Haruki, Kazuhito; Kohno, Takeshi; and Nagase, Yasuo, 4,507,739, Cl. 364-478.000.
Hasegawa, Masumi, 4,543,046, Cl. 418-63.000.
Hasegawa, Masumi, 4,543,047, Cl. 418-63.000.
Hasegawa, Masumi, 4,557,677, Cl. 418-63.000.
Hashizume, Kenichi, 4,498,456, Cl. 126-425.000.
Hattori, Motoichi; and Ishigo, Hideyasu, 4,514,593, Cl. 179-2.00A.
Hayase, Shuzi; Onishi, Yasunobu; and Suzuki, Shuichi, 4,495,042, Cl. 204-159.140.
Hayashi, Masakazu, 4,554,580, Cl. 358-107.000.
Hayashi, Yasunori, 4,560,889, Cl. 307-290.000.
Hibi, Toshio, 4,502,050, Cl. 340-870.010.
Hidaka, Kazutaka, 4,518,965, Cl. 343-742.000.
Hidaka, Yoshiharu, 4,499,350, Cl. 200-144.0AP.
Hideyama, Shozo; Ishizawa, Akio; Kumagai, Katuya; and Hashimoto, Minoru, 4,511,617, Cl. 428-212.000.
Higashinakagawa, Emiko; Sato, Kanemitsu; Inaba, Michihiko; Ohtake, Yasuhisa; Kantou, Masaharu; and Itoh, Masayuki, 4,528,246, Cl. 428-596.000.
Higashiyama, Yasushi; Chiba, Shu; and Sawazaki, Norikazu, 4,525,828, Cl. 369-111.000.
Hiraki, Shunichi; Kinoshita, Hiroshi; Kumamaru, Kuniaki; Koguchi, Shigeo; and Yonezawa, Toshio, 4,521,256, Cl. 148-1.500.
Hiraki, Shunichi; Kumamaru, Kuniaki; Koshino, Yutaka; and Yonezawa, Toshio, 4,542,400, Cl. 357-54.000.
Hirata, Akio, 4,550,281, Cl. 318-723.000.
Hirata, Hidetoshi, 4,542,273, Cl. 219-10.770.
Hirose, Kenji, 4,555,803, Cl. 382-61.000.
Hitomi, Hisakazu, 4,492,914, Cl. 323-313.000.
Hongo, Hironobu, 4,501,277, Cl. 128-660.000.
Horie, Hiromichi; Shimotori, Kazumi; and Murabayashi, Hideki, 4,502,982, Cl. 252-513.000.
Horie, Hiromichi; Morita, Mikio; and Arima, Itsuo, 4,543,208, Cl. 252-62.540.
Horii, Tetsuo; and Kohno, Takeshi, 4,494,655, Cl. 209-569.000.
Hoshino, Isao; and Murakami, Teruo, 4,530,018, Cl. 360-73.000.
Hosoya, Masahiro; and Ueno, Tsuyoshi, 4,498,756, Cl. 355-3.0DD.
Hosoya, Masahiro; and Ueno, Tsuyoshi, 4,521,098, Cl. 355-3.0DD.
Ichikawa, Kentaro, 4,547,123, Cl. 415-24.000.
Ichinose, Kazuaki, 4,532,496, Cl. 340-347.0DA.
Iida, Kazuhiko, 4,503,427, Cl. 340-731.000.
Iida, Kazuhiko, 4,517,658, Cl. 364-900.000.
Iida, Kazuhiko, 4,520,399, Cl. 358-287.000.
Iida, Kazuhiko, 4,554,638, Cl. 364-521.000.
Iida, Tetsuya; and Sakaue, Tatsuo, 4,528,684, Cl. 377-60.000.
Iimori, Akiro, 4,549,805, Cl. 355-3.0SH.
Iizuka, Tetsuya; and Hara, Hisashi, 4,497,043, Cl. 365-182.000.
Iizuka, Tetsuya, 4,532,609, Cl. 365-154.000.
Iizuka, Tetsuya; and Hara, Hisashi, 4,559,548, Cl. 357-23.600.
Ikeda, Takashi; and Odawara, Masachika, 4,545,725, Cl. 415-180.000.
Ikeda, Yoshio, 4,495,784, Cl. 68-23.600.
Ikeda, Yoshio, 4,522,311, Cl. 220-254.000.
Ikegaki, Makoto; Nakanishi, Masayuki; Sato, Humiyuki; and Hashimoto, Tokuo, 4,560,900, Cl. 313-479.000.
Ikekame, Hiroo; and Karasawa, Yasuo, 4,494,173, Cl. 361-429.000.
Imai, Motomasa; Takahashi, Takashi; Furukawa, Osamu; and Kanai, Hideyuki, 4,516,105, Cl. 338-21.000.
Imanishi, Kazuo; Hashimoto, Masaru; and Mori, Makoto, 4,538,198, Cl. 361-86.000.
Inagaki, Taizo; Ichikawa, Kentaro; Kido, Hitoshi; and Kawase, Yozo, 4,514,138, Cl. 415-1.000.
Inokuchi, Haruhisa; and Sakai, Takami, 4,494,179, Cl. 363-35.000.
Inokuchi, Haruhisa; and Sakai, Takami, 4,543,492, Cl. 307-82.000.
Inomata, Koichiro; Tateishi, Hiroshi; Higashinakagawa, Emiko; and Sato, Kanemitsu, 4,504,327, Cl. 148-31.550.
Inomata, Koichiro; and Murata, Shinichi, 4,517,017, Cl. 75-123.00B.
Inomata, Koichiro; and Murata, Shinichi, 4,537,517, Cl. 374-21.000.
Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.
Inoue, Tomoyasu; and Shibata, Kenji, 4,498,226, Cl. 29-576.00B.
Ishida, Katsuyuki; and Ikeda, Naotaka, 4,545,220, Cl. 68-133.000.
Ishida, Tsuyoshi, 4,518,919, Cl. 324-228.000.
Ishida, Tsuyoshi, 4,536,709, Cl. 324-239.000.
Ishihara, Atsushi, 4,513,406, Cl. 369-32.000.
Ishihara, Atsushi, 4,530,083, Cl. 369-267.000.
Ishii, Akira, 4,519,255, Cl. 73-727.000.
Ishikawa, Mitsuaki, 4,524,280, Cl. 250-548.000.
Ishikawa, Nobumitsu; Takaoka, Hiroshi; and Fukuda, Hiroshi, 4,491,737, Cl. 290-40.00R.
Ishizawa, Toshimichi, 4,514,768, Cl. 358-296.000.
Iwabuchi, Masaburo, 4,502,252, Cl. 51-118.000.
Iwahashi, Hiroshi; Asano, Masamichi; Yoskikawa, Kuniyoshi; and Mito, Masazi, 4,495,693, Cl. 29-571.000.
Iwahashi, Hiroshi, 4,503,518, Cl. 365-104.000.
Iwahashi, Hiroshi; and Asano, Masamichi, 4,542,485, Cl. 365-230.000.
Iwahashi, Hiroshi; and Ochii, Kiyofumi, 4,546,455, Cl. 365-200.000.
Iwahashi, Hiroshi; and Asano, Masamichi, 4,556,961, Cl. 365-194.000.
Iwai, Hiroshi, 4,491,486, Cl. 148-105.000.
Iwai, Hiroshi, 4,500,615, Cl. 430-30.000.
Iwai, Hiroshi, 4,532,696, Cl. 29-571.000.
Iwamoto, Akito; and Sekizawa, Hidekazu, 4,560,280, Cl. 356-375.000.
Iwamura, Jun, 4,491,749, Cl. 307-473.000.
Iwasaki, Kenji, 4,534,615, Cl. 350-6.100.
Iwata, Kazuhide; Shibayama, Shigeki; Hidai, Yutaka; and Oyanagi, Shigeru, 4,514,826, Cl. 364-900.000.
Izume, Takatomo; and Okado, Chihiro, 4,499,363, Cl. 219-130.210.
Izumi, Yutaka; and Kawakami, Hiroshi, 4,539,668, Cl. 369-75.200.
Jingu, Masaharu, 4,491,137, Cl. 128-660.000.
Kakumu, Masakazu, 4,536,943, Cl. 29-571.000.
Kamata, Isao, 4,513,208, Cl. 307-139.000.
Kamei, Taketo; and Osada, Kimio, 4,503,358, Cl. 315-58.000.
Kameyama, Shuichi; Shinozaki, Satoshi; and Iwai, Hiroshi, 4,532,701, Cl. 29-576.00W.
Kamimaru, Nobuyuki, 4,545,063, Cl. 377-52.000.
Kamiya, Masashi; Ueda, Katsunobu; Sumiya, Mitsuo; and Tsukada, Tameyasu, 4,512,626, Cl. 350-6.800.
Kamiya, Masashi; Sumiya, Mitsuo; and Yamaguchi, Ryoji, 4,538,081, Cl. 310-90.000.
Kamohara, Eiji, 4,503,355, Cl. 313-402.000.
Kamohara, Eiji, 4,540,374, Cl. 445-37.000.
Kamohara, Eiji; and Seino, Kazuyuki, 4,562,377, Cl. 313-402.000.
Kanai, Hideyuki; Furukawa, Osamu; Imai, Motomasa; and Takahashi, Takashi, 4,527,146, Cl. 338-20.000.
Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; and Furukawa, Osamu, 4,535,314, Cl. 338-21.000.
Kanai, Hideyuki; Takahashi, Takashi; Imai, Motomasa; Furukawa, Osamu; Endo, Hiroshi; Hirao, Osamu; and Hayashi, Masaru, 4,540,971, Cl. 338-21.000.
Kanda, Shuhei, 4,535,367, Cl. 360-10.200.
Kaneko, Nagao; Fujimori, Yoshinori; Shimizu, Seizaburo; and Obara, Shin, 4,549,107, Cl. 310-327.000.
Kanno, Masayuki; Tezuka, Hisao; Izawa, Kouji; and Kamiyama, Tadanobu, 4,538,183, Cl. 358-280.000.
Kanto, Masaharu; Kihara, Hisato; Teshima, Koichi; and Inaba, Michihiko, 4,558,252, Cl. 313-402.000.
Kanuma, Akira, 4,546,450, Cl. 364-900.000.
Kanzaki, Koichi; and Taguchi, Minoru, 4,539,742, Cl. 29-576.00W.
Kariatsumari, Keiichiro; and Hirai, Kenji, 4,514,699, Cl. 330-53.000.
Kasagi, Yoshitaka, 4,491,801, Cl. 330-69.000.
Kasagi, Yoshitaka; and Aketagawa, Tokio, 4,546,377, Cl. 358-23.000.
Kashihara, Tomio; Tsuruta, Toshiro; Yamaguchi, Masayoshi; Yokoi, Kiyotachi; and Suzuki, Etsuji, 4,516,673, Cl. 198-341.000.
Katahira, Shunsuke, 4,553,150, Cl. 346-154.000.
Kato, Masaaki, 4,553,130, Cl. 340-347.0DD.
Kato, Taketoshi; and Onoe, Akira, 4,521,801, Cl. 357-71.000.
Katsumata, Kenichiro; and Nobuta, Yasuo, 4,558,458, Cl. 378-20.000.
Katsura, Masaki; Harata, Mituo; Takikawa, Osamu; and Shiratori, Masayuki, 4,499,054, Cl. 422-98.000.
Kawabuchi, Katsuhiro, 4,514,233, Cl. 148-1.500.
Kawachi, Tatsuhiko, 4,545,384, Cl. 128-653.000.
Kawai, Kensuke; and Tanaka, Shuntaro, 4,550,379, Cl. 364-494.000.
Kawakami, Hiroshi; and Torii, Shigeyoshi, 4,553,186, Cl. 360-130.210.
Kawakatsu, Akira; and Yamamoto, Fumio, 4,524,410, Cl. 362-255.000.
Kawashima, Kazue, 4,525,612, Cl. 200-147.00R.
Kawate, Keiichi; and Sekiya, Hiroshi, 4,505,024, Cl. 29-571.000.

Kido, Fusayoshi; Takahashi, Atsushi; Shingu, Shitta; Higuchi, Yoshinori; and Yamada, Akira, 4,553,227, Cl. 369-44.000.
Kihara, Jyun-ichi, 4,502,117, Cl. 364-200.000.
Kimoto, Katsumi, 4,509,154, Cl. 369-33.000.
Kimoto, Katsumi; and Ishihara, Atsushi, 4,519,056, Cl. 369-43.000.
Kimura, Mitsutoshi; and Morita, Masayuki, 4,550,27[illegible], Cl. 315-86.000.
Kirita, Kei; and Koike, Katuo, 4,496,843, Cl. 250-426.000.
Kitagawa, Kazuo; Endoh, Kenjiro; and Kira, Hideshi, 4,496,937, Cl. 340-347.0SH.
Kiyotomo, Tsutomu, 4,555,086, Cl. 249-67.000.
Kizu, Shuji; Ikeda, Tsutomu; and Iwamoto, Masanori, 4,516,265, Cl. 382-48.000.
Kobayashi, Akio; Mizoguchi, Hitoshi; Ikeda, Hisatoshi; and Mayama, Hidekiyo, 4,516,006, Cl. 200-148.00A.
Kobayashi, Atsushi; Moriya, Yoshiaki; and Mitani, Ryo, 4,529,890, Cl. 307-270.000.
Kobayashi, Yoshikata, 4,516,472, Cl. 91-392.000.
Kohno, Takeshi; Haruki, Kazuhito; and Nagase, Yasuo, 4,503,977, Cl. 209-564.000.
Kohyama, Mitsuaki, 4,508,052, Cl. 118-651.000.
Kohyama, Mitsuaki, 4,515,106, Cl. 118-651.000.
Kohyama, Mitsuaki; and Toshimitsu, Kenshi, 4,519,698, Cl. 355-15.000.
Koike, Hideharu, 4,491,746, Cl. 307-296.00R.
Koike, Hideharu, 4,499,416, Cl. 323-303.000.
Koike, Hideharu, 4,501,977, Cl. 307-469.000.
Koike, Hideharu, 4,532,439, Cl. 307-450.000.
Koike, Hideharu, 4,554,465, Cl. 307-269.000.
Koike, Norio; Ito, Takeo; Watanabe, Shingo; and Ikari, Kunihiro, 4,491,629, Cl. 430-176.000.
Kojima, Masakatu, 4,497,777, Cl. 422-249.000.
Komakine, Takashi, 4,499,944, Cl. 165-104.160.
Komatsu, Shigeru; and Inoue, Hiroshi, 4,516,147, Cl. 357-59.000.
Komatsubara, Yoshiaki; Ide, Kyozoh; and Munakata, Eiko, 4,519,678, Cl. 350-338.000.
Komeya, Katsutoshi; Tsuge, Akihiko; Inoue, Hiroshi; and Ohta, Hiroyasu, 4,539,298, Cl. 501-89.000.
Komuro, Isaku; Mori, Hideyasu; and Sano, Yoshikazu, 4,559,417, Cl. 179-99.0LS.
Kondo, Hirofumi, 4,540,545, Cl. 376-364.000.
Kondo, Takeo, 4,533,932, Cl. 357-13.000.
Kondo, Takeo, 4,549,198, Cl. 357-42.000.
Konishi, Satoshi, 4,494,020, Cl. 307-530.000.
Konishi, Satoshi, 4,499,387, Cl. 307-443.000.
Konishi, Satoshi, 4,533,841, Cl. 307-468.000.
Kosaka, Takashi; Koga, Takamasa; and Konishi, Kuniyoshi, 4,527,277, Cl. 375-82.000.
Koyama, Kiyomi, 4,531,191, Cl. 364-491.000.
Koyama, Kiyomi, 4,538,232, Cl. 364-491.000.
Koyama, Toshihiro; Anbe, Yoshiharu; and Funahashi, Takuo, 4,507,946, Cl. 72-17.000.
Koyama, Yoshio, 4,491,817, Cl. 336-60.000.
Kubo, Osamu; Ido, Tadashi; Nomura, Tutomu; and Maeda, Tatsumi, 4,493,874, Cl. 428-403.000.
Kuno, Nobuyoshi; and Honda, Kiyokazu, 4,496,872, Cl. 313-113.000.
Kurafuji, Takamasa, 4,495,534, Cl. 360-74.100.
Kurafuzi, Takamasa; and Tokura, Kimihide, 4,495,532, Cl. 360-71.000.
Kurihara, Teruo; and Oowa, Takeshi, 4,519,093, Cl. 378-132.000.
Kurihara, Tetsuro, 4,544,949, Cl. 358-111.000.
Kurihara, Tetsuro, 4,562,464, Cl. 358-111.000.
Kurokawa, Koji, 4,509,739, Cl. 271-176.000.
Kuromaru, Akira, 4,539,582, Cl. 357-71.000.
Kurosawa, Kei, 4,497,108, Cl. 29-576.00W.
Kurosawa, Kei, 4,504,333, Cl. 148-187.000.
Kurosawa, Kei; and Horiguchi, Fumio, 4,505,025, Cl. 29-576.00W.
Kurosawa, Ryoichi, 4,527,120, Cl. 324-166.000.
Kurosawa, Ryoichi; and Shimamura, Takeo, 4,555,755, Cl. 363-160.000.
Kurosawa, Ryoichi, 4,556,885, Cl. 340-870.250.
Kusakabe, Hiromi; and Ogawa, Atsushi, 4,492,926, Cl. 329-205.00R.
Kusakabe, Hiromi, 4,529,946, Cl. 330-257.000.
Kuwahara, Hisao, 4,498,041, Cl. 323-316.000.
Kuze, Takashi, 4,492,603, Cl. 148-31.500.
Kuze, Takashi, 4,546,049, Cl. 428-621.000.
Mabuchi, Sadaaki, 4,536,734, Cl. 336-196.000.
Machida, Kaoru, 4,537,203, Cl. 128-734.000.
Maeda, Ken-ichi, 4,543,660, Cl. 382-34.000.
Maeda, Kenichi, 4,503,557, Cl. 382-34.000.
Maeda, Satoshi; and Iwai, Hiroshi, 4,560,421, Cl. 148-1.500.
Maeguchi, Kenji, 4,498,224, Cl. 29-571.000.
Maruyama, Jisaburou; Fukayama, Sumio; Miyake, Masanobu; Watanabe, Yoshimi; and Eguchi, Yoshinori, 4,536,676, Cl. 313-318.000.
Masaki, Nobuo, 4,517,405, Cl. 174-68.00B.
Masuda, Eiji; and Matsuo, Kenji, 4,518,880, Cl. 307-577.000.
Masuda, Eiji; and Matsuo, Kenji, 4,524,327, Cl. 330-253.000.
Masuda, Eiji; Matsuo, Kenji; and Fujita, Yasuhiko, 4,560,890, Cl. 307-355.000.
Masuda, Hisaki, 4,549,180, Cl. 340-870.040.
Masuko, Akinori, 4,512,000, Cl. 367-93.000.
Masuoka, Fujio, 4,525,811, Cl. 365-154.000.
Masuoka, Fujio; and Iizuka, Hisakazu, 4,531,203, Cl. 365-218.000.
Matsuda, Susumu, 4,561,065, Cl. 364-724.000.
Matsuda, Waka; and Kagawa, Tatsuo, 4,557,890, Cl. 376-282.000.
Matsui, Toshiro, 4,512,954, Cl. 422-106.000.
Matsumoto, Hiroshi; Nawata, Yoshiaki; and Toda, Tsuneo, 4,502,776, Cl. 355-14.0SH.
Matsumoto, Hiroshi; and Nawata, Yoshiaki, 4,512,565, Cl. 271-294.000.
Matsumoto, Hiroshi; and Watanabe, Junji, 4,522,483, Cl. 355-3.00R.
Matsumoto, Hiroshi; Ishikawa, Yuji; and Nakamine, Chosin, 4,559,519, Cl. 340-286.00M.
Matsumoto, Mitsuo, 4,539,521, Cl. 324-244.000.
Matsumoto, Shuji, 4,501,613, Cl. 75-240.000.
Matsunaga, Junichi, 4,539,580, Cl. 357-23.000.
Matsuo, Kenji; and Masuda, Eiji, 4,511,814, Cl. 307-572.000.
Matsuo, Kenji; and Takata, Minoru, 4,527,076, Cl. 307-362.000.
Matsuo, Kenji; and Yamaguchi, Akira, 4,535,305, Cl. 331-111.000.
Matsuo, Kenji; and Abou, Shouji, 4,551,683, Cl. 328-167.000.
Matsuo, Shu[illegible]su; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.
Matsuo, Takeshi; and Suzuki, Yukio, 4,560,634, Cl. 430-84.000.
Matsushima, Kazufumi, 4,517,428, Cl. 219-10.55B.
Mihara, Yuji; and Gamo, Ryoji, 4,532,600, Cl. 364-565.000.
Mihara, Yuji, 4,534,046, Cl. 377-21.000.
Minami, Kenji; Katagiri, Masaru; and Noguchi, Hideo, 4,509,067, Cl. 357-13.000.
Minami, Masana; Kimura, Kazuaki; Kondo, Masayuki; and Sasaki, Tsuneo, 4,529,964, Cl. 340-347.00P.
Minami, Yuji; Kamiyama, Hisashi; and Tomita, Toshihide, 4,560,501, Cl. 252-628.000.
Mine, Susumu; and Ishizaka, Takao, 4,549,156, Cl. 335-216.000.
Minekane, Tomiharu; Yokotani, Noboru; and Onuma, Takehiko, 4,549,809, Cl. 356-436.000.
Misawa, Norio, 4,522,487, Cl. 355-15.000.
Mitani, Ryo; Moriya, Yoshiaki; and Kobayashi, Atsushi, 4,538,145, Cl. 340-805.000.
Miura, Kunihiko; Takano, Shouji; and Kimura, Masashi, 4,534,642, Cl. 355-14.00E.
Miyaguchi, Hiroshi; and Takeuchi, Hisaharu, 4,510,578, Cl. 364-725.000.
Miyake, Setsuo, 4,558,258, Cl. 315-5.390.
Miyamura, Masataka; Sakamoto, Masanori; and Nakajima, Yuko, 4,537,826, Cl. 428-328.000.
Miyano, Toshiyuki; and Ohmura, Hideo, 4,492,072, Cl. 53-586.000.
Miyano, Toshiyuki; and Ohmura, Hideo, 4,499,709, Cl. 53-589.000.
Miyano, Toshiyuki; and Ohmura, Hideo, 4,539,789, Cl. 53-131.000.
Miyatani, Takashi; Nakata, Junji; Seki, Kisuke; and Kageyama, Takafumi, 4,548,617, Cl. 51-293.000.
Miyauchi, Masami; and Itoh, Masayuki, 4,517,158, Cl. 420-584.000.
Miyazawa, Yoshiaki, 4,562,357, Cl. 307-66.000.
Miyoshi, Motosuke; and Sano, Tetsuya, 4,538,065, Cl. 250-310.000.
Mizobuchi, Norihiro; Furukawa, Keiji; and Motoyama, Takeshi, 4,513,581, Cl. 62-197.000.
Mizuide, Yasuo, 4,506,170, Cl. 307-355.000.
Mizunoya, Nobuyuki; Kohama, Hajime; and Sugiura, Yasuyuki, 4,540,462, Cl. 156-630.000.
Mizutani, Yoshihisa, 4,506,279, Cl. 357-23.110.
Mochizuki, Toru, 4,533,935, Cl. 357-51.000.
Moizumi, Ken'ichi, 4,503,686, Cl. 62-467.000.
Monden, Tsuneo; Ozu, Masao; and Ikegami, Satoshi, 4,508,495, Cl. 418-63.000.
Mori, Leo; Aoba, Takashi; and Tominaga, Mamoru, 4,502,755, Cl. 350-128.000.
Mori, Leo; Tominaga, Mamoru; and Aoba, Takashi, 4,538,216, Cl. 362-311.000.
Mori, Masafumi, 4,547,038, Cl. 350-6.500.
Morinaga, Kaoru, 4,499,573, Cl. 369-270.000.
Morinaga, Kaoru, 4,509,157, Cl. 369-75.200.
Morinaga, Kaoru; Kawakami, Hiroshi; and Kotoda, Yoshihiro, 4,562,497, Cl. 360-96.300.
Morishita, Tatsuo; Funakoshi, Fumio; Nakamura, Kenichi; and Takamori, Kazuo, 4,517,564, Cl. 340-825.690.
Mosholder, Michael, 4,553,826, Cl. 355-3.0FU.
Motoyama, Takeshi; Onishi, Toshiyuki; and Yokoyama, Kunio, 4,499,738, Cl. 62-155.000.
Munetsugu, Eiichi, 4,519,044, Cl. 364-709.000.
Murakami, Kenji, 4,551,743, Cl. 357-50.000.
Murakami, Reiji; Uchida, Kohachi; Nakatomi, Yoshitsugu; and Takahashi, Tomohiko, 4,506,972, Cl. 355-3.0DD.
Murakami, Teruo; and Hoshino, Isao, 4,512,006, Cl. 369-50.000.
Muranaka, Yuuichi, 4,537,199, Cl. 128-660.000.
Murao, Yutaka; and Nishizono, Taira, 4,521,763, Cl. 340-347.0AD.
Murase, Koji, 4,550,509, Cl. 34-133.000.
Murayama, Masaki; and Iida, Manjiro, 4,514,808, Cl. 364-200.000.
Nagakubo, Yoshihide, 4,523,369, Cl. 29-576.00W.
Nagano, Katsumi, 4,506,208, Cl. 323-314.000.
Nagano, Katsumi, 4,507,573, Cl. 307-297.000.
Nagano, Katsumi, 4,510,486, Cl. 340-347.0DA.
Nagano, Katsumi, 4,511,991, Cl. 364-814.000.
Nagano, Katsumi, 4,524,292, Cl. 307-494.000.
Nagano, Katsumi, 4,529,893, Cl. 307-361.000.
Nagano, Katsumi, 4,536,701, Cl. 323-315.000.
Nagano, Katsumi, 4,536,702, Cl. 323-316.000.
Nagasaka, Syuichi; and Kaneko, Siyoukichi, 4,546,726, Cl. 118-719.000.
Nagasawa, Hiroshi, 4,529,907, Cl. 313-499.000.

Nagashima, Masayoshi, 4,511,902, Cl. 346-76.0PH.
Nagashima, Masayoshi; and Yamane, Hiroshi, 4,517,590, Cl. 358-75.000.
Nagashima, Masayoshi; Yamane, Hiroshi; and Yamashita, Mitsuo, 4,517,591, Cl. 358-75.000.
Nagashima, Masayoshi; Yamane, Hiroshi; Kikkawa, Shigeru; and Teraki, Yoshinori, 4,527,172, Cl. 346-76.0PH.
Nagashima, Masayoshi; Yamane, Hiroshi; Nonoyama, Makoto; and Tashiro, Tsuneo, 4,542,387, Cl. 346-76.0PH.
Nagashima, Masayoshi; and Yamane, Hiroshi, 4,562,444, Cl. 346-76.0PH.
Nagato, Hitoshi; Izawa, Koji; and Hirahara, Shuzo, 4,514,738, Cl. 346-76.0PH.
Nagoh, Chiaki, 4,495,521, Cl. 358-256.000.
Nagumo, Masahide; Inagawa, Jun; and Kojima, Tadashi, 4,498,175, Cl. 371-37.000.
Nakagawa, Akira, 4,527,263, Cl. 369-46.000.
Nakagawa, Akira, 4,532,621, Cl. 369-111.000.
Nakagome, Hideki; and Yasuda, Satoshi, 4,509,334, Cl. 62-6.000.
Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.
Nakamura, Kunihiko, 4,518,161, Cl. 271-303.000.
Nakamura, Yasushi, 4,538,290, Cl. 378-44.000.
Nakane, Hiroshi, 4,531,099, Cl. 330-267.000.
Nakanishi, Masayuki; Tsuruzoe, Hirohisa; Sato, Humiyuki; and Hashimoto, Tokuo, 4,504,763, Cl. 313-318.000.
Nakano, Teruo; and Hirata, Akio, 4,496,893, Cl. 318-721.000.
Nakasuji, Mamoru; and Wada, Hirotsugu, 4,543,512, Cl. 315-382.000.
Nakata, Junji, 4,545,155, Cl. 51-320.000.
Nakatomi, Yoshisugu; Uchida, Kohachi; and Hashimoto, Shinichi, 4,551,014, Cl. 355-75.000.
Nakaya, Shyunichi; and Nakamura, Hiroyuki, 4,516,599, Cl. 137-375.000.
Nakayama, Shouji; Takanashi, Yukio; Higuchi, Toshiharu; and Yakabe, Touru, 4,524,296, Cl. 313-270.000.
Nakayama, Yasunobu; Sato, Yasuji; and Kunii, Takeshi, 4,511,764, Cl. 179-90.0AN.
Nakayama, Yasunobu; Kunii, Takeshi; and Sato, Yasuji, 4,532,378, Cl. 179-2.0DP.
Namba, Hiromi, 4,512,032, Cl. 382-9.000.
Nambu, Shigeo, 4,546,351, Cl. 340-825.500.
Nameda, Naoyoshi; Surisawa, Yooji; Nakamoto, Yasunobu; and Sekiya, Hideshi, 4,505,263, Cl. 126-438.000.
Nara, Seietsu, 4,520,447, Cl. 364-478.000.
Narabayashi, Tadashi, 4,562,584, Cl. 378-54.000.
Nawata, Yoshiaki, 4,518,900, Cl. 318-102.000.
Nawata, Yoshiaki; and Tanimoto, Yasufumi, 4,555,653, Cl. 318-696.000.
Nawata, Yoshiaki; and Oushiden, Hideshi, 4,561,758, Cl. 355-8.000.
Naya, Masaru; and Ikeda, Tsuneichi, 4,508,023, Cl. 99-279.000.
Nemoto, Yoichi, 4,532,583, Cl. 363-96.000.
Nicda, Yasuhiro; and Honda, Kiyokazu, 4,513,357, Cl. 362-228.000.
Nii, Riro; Toyoda, Nobuyuki; and Hojo, Akimichi, 4,503,600, Cl. 29-571.000.
Nishikawa, Meisei; Nakamura, Yukio; and Kojima, Tadashi, 4,495,474, Cl. 331-11.000.
Nishikawa, Meisei; Nagumo, Masahide; and Kojima, Tadashi, 4,502,024, Cl. 332-9.00R.
Nishimura, Fuminobu, 4,560,268, Cl. 355-3.00R.
Nishizawa, Hiroshi; Sato, Tadayuki; and Ishikawa, Takashi, 4,493,858, Cl. 427-104.000.
Noh, Akihiko; Saijo, Yoshiaki; Sato, Shinichi; and Tanaka, Ichiro, 4,543,970, Cl. 134-62.000.
Noji, Takashi; Obata, Yoshiharu; and Higashi, Takayoshi, 4,504,738, Cl. 250-483.100.
Noji, Takashi; Harao, Norio; and Obata, Yoshiharu, 4,528,210, Cl. 427-70.000.
Noma, Akira, 4,523,098, Cl. 250-492.200.
Nozaki, Hidetoshi; Kamimura, Takaaki; Hatayama, Tamothu; and Utagawa, Tadashi, 4,500,744, Cl. 136-258.000.
Obara, Ken, 4,507,580, Cl. 310-214.000.
Ochiai, Nobuo; and Tsumagari, Takashi, 4,535,570, Cl. 51-165.770.
Ochii, Kiyofumi; and Iwahashi, Hiroshi, 4,528,646, Cl. 365-203.000.
Ochii, Kiyofumi; Masuda, Masami; and Kondo, Takeo, 4,535,255, Cl. 307-264.000.
Oda, Goro, 4,501,620, Cl. 134-6.000.
Odawara, Kazuharu, 4,504,842, Cl. 346-137.000.
Odawara, Kazuharu; and Tago, Yoshiaki, 4,555,716, Cl. 346-137.000.
Odawara, Masachika, 4,509,900, Cl. 416-198.00A.
Ogawa, Atsushi, 4,551,691, Cl. 331-111.000.
Ogawa, Atsushi, 4,553,107, Cl. 330-288.000.
Ogishima, Kiichiro, 4,553,184, Cl. 360-103.000.
Ogura, Kunio, 4,527,461, Cl. 91-519.000.
Ogura, Masahiko, 4,503,407, Cl. 355-14.00C.
Ogura, Masahiko, 4,510,422, Cl. 318-254.000.
Ogura, Mitsugi, 4,492,973, Cl. 357-23.000.
Ohba, Hiroshi; and Horino, Shigeo, 4,519,523, Cl. 221-129.000.
Ohhashi, Akinami, 4,495,645, Cl. 382-6.000.
Ohhashi, Masahide, 4,498,178, Cl. 371-37.000.
Ohhashi, Masahide, 4,507,749, Cl. 364-757.000.
Ohmura, Yamichi; and Matsushita, Yoshiaki, 4,500,388, Cl. 156-603.000.
Ohno, Junichi; and Ohta, Takao, 4,494,996, Cl. 148-1.500.
Ohno, Junichi, 4,507,846, Cl. 29-571.000.
Ohno, Junichi; and Konishi, Satoshi, 4,513,310, Cl. 357-68.000.
Ohno, Yoshio; Koyama, Katsuhiko; and Nishio, Kohsaku, 4,544,247, Cl. 352-62.000.
Ohta, Takao; and Ohno, Junichi, 4,523,963, Cl. 148-1.500.
Ohtombe, Ko, 4,524,276, Cl. 250-338.000.
Ohtombe, Ko; Ishida, Tsuyoshi; Osawa, Hideo; and Nagahashi, Kenji, 4,547,896, Cl. 382-7.000.
Ohuchi, Kazunori, 4,503,343, Cl. 307-482.000.
Oida, Yoshio, 4,529,891, Cl. 307-355.000.
Oida, Yoshio, 4,560,888, Cl. 307-272.00A.
Okabe, Yoshie, 4,527,897, Cl. 356-407.000.
Okada, Hisafumi; Suzuki, Yoshio; and Takenaka, Shigeo, 4,537,322, Cl. 220-2.10A.
Okada, Tokio; Makino, Tsutomu; and Takemura, Michio, 4,546,675, Cl. 81-9.510.
Okado, Chihiro, 4,546,422, Cl. 363-41.000.
Okado, Takeshi, 4,541,434, Cl. 128-660.000.
Okamura, Yoshio, 4,511,780, Cl. 219-10.55C.
Okano, Haruo; and Horiike, Yasuhiro, 4,492,610, Cl. 156-643.000.
Okano, Haruo; Yamazaki, Takashi; Horiike, Yasuhiro; and Horie, Hiromichi, 4,526,643, Cl. 156-345.000.
Okatsuka, Hisashi; Taniguchi, Koichi; Konno, Mitsuo; and Narita, Ryuho, 4,504,718, Cl. 219-10.55B.
Okatsuka, Hisashi; Taniguchi, Koichi; and Kakizawa, Toshio, 4,549,056, Cl. 219-10.770.
Okazaki, Kiyoshi, 4,544,948, Cl. 358-111.000.
Okumura, Katsuya; Shinki, Toshinori; Sato, Takashi; and Ueda, Masaaki, 4,502,210, Cl. 29-591.000.
Okumura, Katsuya; and Ueda, Masaaki, 4,538,344, Cl. 29-589.000.
Okumura, Katsuya; and Miyoshi, Motosuke, 4,562,455, Cl. 357-71.000.
Omori, Shozo, 4,540,614, Cl. 428-57.000.
Ono, Masahiko, 4,547,762, Cl. 340-347.0DA.
Onoda, Izumi, 4,526,522, Cl. 418-63.000.
Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Mori, Yoshio, 4,527,189, Cl. 358-29.000.
Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Sukegawa, Tsuneo, 4,554,587, Cl. 358-228.000.
Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.
Owada, Fumio; and Yamaguchi, Yoshiko, 4,544,934, Cl. 346-154.000.
Ozaki, Takayuki, 4,543,659, Cl. 382-8.000.
Ozeki, Takeshi; and Tamura, Toshifumi, 4,511,208, Cl. 350-96.160.
Ozono, Jiro, 4,550,565, Cl. 60-39.182.
Ozu, Masao, 4,522,038, Cl. 62-228.500.
Ramamurti, Krishnamurti, 4,560,870, Cl. 250-237.00G.
Rokutanda, Takashi; and Nakamura, Hiroshi, 4,550,369, Cl. 364-200.000.
Saito, Kazuyoshi; Iida, Taketoshi; Shirasaka, Toshio; and Takemura, Yasuhiko, 4,541,435, Cl. 128-660.000.
Saito, Tamio, 4,525,383, Cl. 427-89.000.
Saito, Tomotaka; and Nagao, Kenichi, 4,551,716, Cl. 340-711.000.
Sakai, Takami, 4,517,634, Cl. 363-35.000.
Sakata, Hirotsugu; and Nagatomo, Shigemi, 4,558,997, Cl. 418-55.000.
Sakata, Tomio, 4,535,473, Cl. 381-46.000.
Sanbayashi, Takeshi; and Matsumoto, Hiroshi, 4,551,813, Cl. 364-569.000.
Sangu, Akio, 4,523,234, Cl. 358-293.000.
Sano, Tetsuo; Orita, Susumu; Yamazaki, Masaya; and Moriyama, Kazuhiro, 4,519,214, Cl. 62-156.000.
Sano, Yoshikazu; Mori, Hideyasu; and Sato, Yasuji, 4,491,693, Cl. 179-99.00R.
Sasaki, Gen, 4,512,074, Cl. 29-576.00W.
Sasaki, Gen; and Kameyama, Shuichi, 4,551,911, Cl. 29-576.00W.
Sasaki, Itsuo; Suzuki, Hiroaki; and Kamichika, Masakazu, 4,532,494, Cl. 340-347.0AD.
Sasaki, Itsuo, 4,550,295, Cl. 333-19.000.
Sasaki, Itsuo; and Matsuo, Kenji, 4,558,292, Cl. 333-173.000.
Sasaki, Minoru; and Kamiya, Toshiharu, 4,499,459, Cl. 340-752.000.
Sasaki, Takafumi, 4,497,513, Cl. 292-217.000.
Sasaki, Takafumi, 4,509,779, Cl. 292-254.000.
Sasaki, Yoshitaka, 4,521,448, Cl. 427-88.000.
Sato, Fumitaka, 4,491,911, Cl. 364-200.000.
Sato, Fumitaka, 4,513,369, Cl. 364-200.000.
Sato, Shinsaku; and Yamagata, Ichiro, 4,502,831, Cl. 415-1.000.
Satoh, Saburoh; Gotoh, Tatumi; Horii, Kenji; and Akiyama, Hidenori, 4,507,266, Cl. 422-186.150.
Satou, Kouichirou, 4,542,379, Cl. 340-758.000.
Satou, Kouzou, 4,532,571, Cl. 361-93.000.
Sawa, Buntaro; and Honda, Naoto, 4,500,851, Cl. 331-2.000.
Sawayama, Yoshihiko; and Mishima, Katsuhiko, 4,491,783, Cl. 324-57.00N.
Sawazaki, Norikazu, 4,530,016, Cl. 360-55.000.
Sawazaki, Norikazu, 4,535,369, Cl. 360-55.000.
Segawa, Makoto; and Ariizumi, Shoji, 4,504,746, Cl. 307-475.000.
Segawa, Makoto; and Ariizumi, Shoji, 4,549,102, Cl. 307-578.000.
Segawa, Makoto; and Ariizumi, Shoji, 4,554,469, Cl. 307-482.000.
Seki, Eiji; Tai, Ichiro; Shirayama, Shimpey; Itoh, Toshiaki; Endo, Yorimasa; and Fukushima, Toshiki, 4,493,811, Cl. 376-254.000.
Seki, Nagataka, 4,546,423, Cl. 363-56.000.
Sekiba, Toshinobu, 4,542,401, Cl. 357-71.000.

Sekizawa, Hidekazu; Iwamoto, Akito; Togashi, Kousaku; and Fujie, Hideo, 4,510,866, Cl. 101-365.000.
Seo, Yasutsugu, 4,501,279, Cl. 128-663.000.
Seo, Yasutsugu, 4,509,525, Cl. 128-663.000.
Sera, Michitoshi, 4,554,126, Cl. 264-272.170.
Shibata, Haruo, 4,562,498, Cl. 360-97.000.
Shibata, Tadashi, 4,500,905, Cl. 357-68.000.
Shibata, Tadashi, 4,528,744, Cl. 29-571.000.
Shibata, Tadashi, 4,543,597, Cl. 357-23.600.
Shibata, Toshio; and Sakuma, Koichiro, 4,547,901, Cl. 455-300.000.
Shigemasa, Takashi; and Ichikawa, Yoshinori, 4,539,633, Cl. 364-162.000.
Shikata, Hiroshi, 4,507,023, Cl. 407-103.000.
Shikata, Hiroshi, 4,543,019, Cl. 408-57.000.
Shimada, Masayoshi, 4,507,564, Cl. 250-563.000.
Shimizu, Makoto, 4,544,956, Cl. 358-296.000.
Shimizu, Shoichi, 4,491,747, Cl. 307-446.000.
Shimoma, Taketoshi; Fukuda, Kumio; and Shimaoogi, Toshio, 4,495,439, Cl. 313-412.000.
Shinbara, Seitaro, 4,533,882, Cl. 332-16.00T.
Shinbara, Seitaro, 4,547,752, Cl. 332-31.00T.
Shinozaki, Satoshi, 4,507,849, Cl. 29-576.00W
Shinozaki, Toshiaki; and Mori, Ichiro, 4,560,278, Cl. 356-364.000.
Shiotari, Yoshihisa, 4,523,216, Cl. 357-42.000.
Shiozaki, Masakazu; and Nishimura, Hidetaro, 4,532,401, Cl. 219-121.0LH.
Shirasaka, Toshio, 4,554,926, Cl. 128-663.000.
Shirata, Shigenobu; and Kurihara, Kiyoshi, 4,543,567, Cl. 340-519.000.
Shirogami, Tamotsu; and Ueno, Mitsushi, 4,515,871, Cl. 429-34.000.
Sounai, Atuo; and Murata, Kenji, 4,554,225, Cl. 429-34.000.
Suda, Kenichi; Tamaki, Katsuyuki; Tateishi, Kazushi; and Abe, Kohichiroh, 4,492,994, Cl. 360-85.000.
Suda, Yoshiyuki; Yokoyama, Katsunori; and Tanuma, Chiaki, 4,510,412, Cl. 310-328.000.
Sugawara, Toru; and Ito, Yasuyuki, 4,506,160, Cl. 250-427.000.
Sugawara, Tsutomu, 4,559,457, Cl. 307-352.000.
Sugaya, Toshihiro, 4,499,511, Cl. 360-78.000.
Sugimori, Fumio; Nishino, Chikae; and Harao, Norio, 4,516,715, Cl. 228-208.000.
Sugimoto, Hiroshi; and Satoh, Kozo, 4,509,011, Cl. 324-309.000.
Sugimoto, Hiroshi, 4,516,074, Cl. 324-309.000.
Sugimoto, Hiroshi, 4,542,519, Cl. 378-19.000.
Sugimoto, Hiroshi; and Naruse, Yujiro, 4,547,670, Cl. 250-370.000.
Sugimoto, Yasuhiro, 4,492,934, Cl. 331-117.00R.
Sugimoto, Yasuhiro, 4,499,429, Cl. 330-254.000.
Sugimoto, Yasuhiro, 4,558,363, Cl. 358-164.000.
Sugiuchi, Masami; and Imai, Atsuo, 4,496,638, Cl. 429-192.000.
Sujaku, Takamichi; Aoyama, Shuki; and Fukasawa, Takaaki, 4,506,128, Cl. 219-10.55F.
Sumino, Yoichi; and Enjoji, Susumu, 4,511,984, Cl. 364-415.000.
Sumino, Yoichi, 4,519,250, Cl. 73-626.000.
Suzuki, Etsuji; Uno, Shinichi; Chiyoda, Kiyomu; and Douji, Ryuhachirou, 4,549,206, Cl. 358-106.000.
Suzuki, Hirokazu; and Satoh, Kozo, 4,549,137, Cl. 324-309.000.
Suzuki, Katsumi; and Yoshizawa, Shuji, 4,501,766, Cl. 427-38.000.
Suzuki, Kuniaki, 4,514,737, Cl. 346-76.0PH.
Suzuki, Kuniaki, 4,539,571, Cl. 346-76.0PH.
Suzuki, Masaharu, 4,549,138, Cl. 324-309.000.
Suzuki, Nobuo, 4,540,901, Cl. 307-311.000.
Suzuki, Seigo, 4,509,188, Cl. 381-53.000.
Suzuki, Shinichi; Sasaki, Masayuki; Moriyasu, Toshinori; and Arakawa, Takao, 4,492,452, Cl. 354-430.000.
Suzuki, Yasoji; Matsuo, Kenji; and Yamaguchi, Akira, 4,529,897, Cl. 307-571.000.
Suzuki, Yasoji; Sasaki, Itsuo; and Abou, Shouji, 4,546,327, Cl. 330-253.000.
Suzuki, Yasoji; and Matsuo, Kenji, 4,558,234, Cl. 307-446.000.
Tabata, Mitsuo; Kidode, Masatsugu; and Yamaguchi, Noboru, 4,545,068, Cl. 382-41.000.
Taguchi, Shinichiro; Nagao, Nobuya; and Ogihara, Yutaka, 4,500,931, Cl. 358-310.000.
Takada, Junji; Minamitake, Masayuki; and Tamegai, Satoshi, 4,558,226, Cl. 250-551.000.
Takada, Keisuke; and Okuhara, Hiroo, 4,533,990, Cl. 364-160.000.
Takagi, Syoji, 4,510,853, Cl. 99-286.000.
Takahashi, Hisashi, 4,550,433, Cl. 382-7.000.
Takahashi, Shuzou; and Toda, Hiroaki, 4,523,052, Cl. 174-16.0BH.
Takahashi, Tomohiko, 4,511,904, Cl. 346-134.000.
Takamizawa, Kinya, 4,542,746, Cl. 128-660.000.
Takamura, Yoshio; and Nakajima, Akira, 4,561,048, Cl. 363-60.000.
Takano, Shouji, 4,544,258, Cl. 355-1.000.
Takaoka, Hiroshi; Furukawa, Toshiki; and Fukuda, Hiroshi, 4,532,761, Cl. 60-39.130.
Takaoka, Takashi; Mochizuki, Masahiko; Yamashita, Mitsuo; and Miura, Tadao, 4,517,668, Cl. 369-111.000.
Takei, Shushi; and Onuki, Akio, 4,531,170, Cl. 360-119.000.
Takemura, Yasuo, 4,513,312, Cl. 358-44.000.
Takeuchi, Bunzi, 4,543,464, Cl. 219-121.0LH.
Takigami, Katsuhiko; and Tokushuku, Keiko, 4,500,907, Cl. 357-79.000.
Takigawa, Tadahiro; and Kawauchi, Yasunobu, 4,530,064, Cl. 364-523.000.
Tamatani, Masaaki; Tsuda, Nobuyuki; Koike, Norio; and Ajiro, Sakae, 4,518,985, Cl. 358-60.000.
Tamura, Kaoru; and Ogo, Yoshimasa, 4,538,294, Cl. 378-187.000.
Tanaka, Fuminari; and Iwamoto, Yoshihiro, 4,532,612, Cl. 365-227.000.
Tanaka, Masanori; and Endoh, Kenjiro, 4,491,697, Cl. 179-111.00E.
Tanaka, Shigeru, 4,520,495, Cl. 378-117.000.
Tanaka, Shigeru; and Tadakuma, Susumu, 4,529,925, Cl. 323-207.000.
Tanaka, Sumio; and Watanabe, Shigeyoshi, 4,494,219, Cl. 365-189.000.
Tanaka, Tatsuo; Itoh, Hiroshi; and Sugiyama, Akihiko, 4,495,779, Cl. 62-211.000.
Tanaka, Tatsuo; and Kawamura, Toshiaki, 4,507,934, Cl. 62-210.000.
Tanaka, Tatsuo, 4,540,896, Cl. 307-264.000.
Tanaka, Tatsuo, 4,555,655, Cl. 320-1.000.
Tanaka, Toshio, 4,507,770, Cl. 369-77.200.
Tanaka, Toshio, 4,507,771, Cl. 369-77.200.
Tani, Keizo; and Ogasawara, Masahiro, 4,558,510, Cl. 29-588.000.
Tanimoto, Yasufumi, 4,540,927, Cl. 318-696.000.
Tanimoto, Yasufumi; and Ogura, Masahiko, 4,549,126, Cl. 318-696.000.
Tanuma, Chiaki; Yokoyama, Katsunori; and Suda, Yoshiyuki, 4,554,586, Cl. 358-213.000.
Tateno, Haruo, 4,561,052, Cl. 364-200.000.
Tatsumi, Hisao; and Kawano, Takashi, 4,517,445, Cl. 219-297.000.
Taya, Akira; Narita, Kazuo; Asada, Masao; and Kimura, Yoshio, 4,500,443, Cl. 252-301.40P.
Taya, Akira; Narita, Kazuo; Akiyama, Jun-etsu; Asada, Masao; and Nira, Hisami, 4,527,087, Cl. 313-487.000.
Toba, Akira, 4,491,878, Cl. 360-10.100.
Todokoro, Shigeru; Nakane, Hiroshi; and Maeda, Satoru, 4,520,469, Cl. 369-44.000.
Tojo, Toru; and Sugihara, Kazuyoshi, 4,532,423, Cl. 250-310.000.
Tokita, Kiyoshi; Sone, Toshinao; and Nakamura, Michio, 4,535,907, Cl. 220-2.10A.
Tokita, Kiyoshi, 4,537,321, Cl. 220-2.10A.
Tomikawa, Masataka, 4,516,122, Cl. 340-825.500.
Tomita, Seiji; and Yokoyama, Hideo, 4,492,995, Cl. 360-96.500.
Tomita, Seiji, 4,532,565, Cl. 360-106.000.
Tomita, Seiji; Morinaga, Kaoru; and Kotoda, Yoshihiro, 4,542,430, Cl. 360-106.000.
Tomita, Toyofumi, 4,538,468, Cl. 73-861.170.
Tomita, Toyofumi, 4,545,257, Cl. 73-861.170.
Torizuka, Hideki; Soejima, Tomohide; and Hori, Shigekazu, 4,547,750, Cl. 331-99.000.
Toshimitsu, Kenshi, 4,550,334, Cl. 355-3.00R.
Toyoda, Nobuyuki; and Hojo, Akimichi, 4,518,871, Cl. 307-443.000.
Toyoda, Shinjiro, 4,504,926, Cl. 364-900.000.
Tsuaki, Hajime, 4,546,916, Cl. 236-44.00A.
Tsubo, Shuzo, 4,556,209, Cl. 271-10.000.
Tsuboi, Kiyoshi, 4,507,667, Cl. 346-76.0PH.
Tsuge, Akihiko; Komatsu, Michiyasu; Inoue, Hiroshi; and Komeya, Katsutoshi, 4,511,525, Cl. 264-65.000.
Tsujii, Tatsuo; and Okino, Takaaki, 4,510,577, Cl. 364-563.000.
Tsukakoshi, Tsuneo; and Ohashi, Hiromichi, 4,546,369, Cl. 357-39.000.
Tsuneki, Yukio, 4,506,201, Cl. 318-603.000.
Tsunoda, Sachio; and Sato, Shinsaku, 4,537,558, Cl. 415-1.000.
Uchida, Kohachi, 4,533,235, Cl. 355-15.000.
Uchida, Kuniharu; Nagai, Satoshi; Komura, Ichiroh; and Hirasawa, Taiji, 4,497,210, Cl. 73-602.000.
Uchida, Kuniharu; Nagai, Satoshi; and Komura, Ichiroh, 4,545,251, Cl. 73-631.000.
Uchida, Yukimasa, 4,517,583, Cl. 357-41.000.
Uchida, Yukimasa, 4,532,607, Cl. 365-96.000.
Uchino, Hiroshi; Nakajima, Kihei; and Kurosawa, Ryoichi, 4,517,636, Cl. 363-138.000.
Ueno, Tsuyoshi; Hashimoto, Shinichi; Matsuyama, Kouzou; and Wakao, Nobutaka, 4,494,857, Cl. 355-3.0CH.
Ueno, Tsuyoshi; Suzuki, Katsumi; and Hirose, Masataka, 4,532,199, Cl. 430-128.000.
Umezu, Kenji, 4,517,812, Cl. 62-228.500.
Uno, Shigeki; Harata, Mituo; Sakuma, Kazuo; and Hiraki, Hideaki, 4,529,540, Cl. 252-518.000.
Wada, Hitoshi; Tachikawa, Kyoji; Yamada, Yutaka; and Murase, Satoru, 4,508,578, Cl. 148-11.50F.
Wakahara, Yasushi, 4,533,259, Cl. 374-166.000.
Washizuka, Syoichi; Ushizawa, Jisaburo; Kokubun, Yoshihiro; and Fukuda, Tsuguo, 4,539,067, Cl. 156-601.000.
Watanabe, Fumio, 4,533,457, Cl. 204-411.000.
Watanabe, Junji, 4,498,665, Cl. 271-289.000.
Watanabe, Junji, 4,519,601, Cl. 271-114.000.
Watanabe, Junji, 4,534,643, Cl. 355-3.0SH.
Watanabe, Junji; and Nawata, Yoshiaki, 4,561,762, Cl. 355-3.00R.
Watanabe, Shigeyoshi; and Tanaka, Sumio, 4,531,202, Cl. 365-104.000.
Watanabe, Shingo; and Itou, Takeo, 4,501,806, Cl. 430-25.000.
Watanabe, Shingo; and Itou, Takeo, 4,526,854, Cl. 430-176.000.
Watanabe, Susumu, 4,511,980, Cl. 364-491.000.
Watanabe, Yoshihiro, 4,533,824, Cl. 235-379.000.
Watanabe, Yoshihiro, 4,542,287, Cl. 235-379.000.
Yamada, Hisashi; and Shimizu, Shoichi, 4,542,370, Cl. 340-347.0AD.
Yamada, Noboru; and Nakamura, Kunihiko, 4,511,136, Cl. 271-187.000.
Yamagami, Nobuhiko, 4,538,144, Cl. 340-747.000.

Yamagata, Ichiro, 4,502,835, Cl. 415-104.000.
Yamagata, Ichiro; and Sato, Shinsaku, 4,538,957, Cl. 415-1.000.
Yamakawa, Tsutomu; Nishikawa, Mineki; and Kihara, Tomohiko, 4,516,025, Cl. 250-252.100.
Yamakawa, Tsutomu; and Yoshizawa, Hirokatsu, 4,529,883, Cl. 250-363.00S.
Yamamoto, Kazuhiko, 4,491,874, Cl. 358-296.000.
Yamamoto, Kazuhiko, 4,506,342, Cl. 364-900.000.
Yamamoto, Masao; Yebisuya, Takashi; Kawai, Mituo; and Tajima, Koichi, 4,493,733, Cl. 75-126.00B.
Yamamoto, Toshio, 4,542,438, Cl. 361-403.000.
Yamanaka, Junichi; and Nishino, Taizou, 4,506,287, Cl. 358-21.00R.
Yamanaka, Junichi; and Kusaka, Masataka, 4,540,918, Cl. 315-371.000.
Yamashita, Kiyoshi, 4,555,984, Cl. 99-286.000.
Yamashita, Mitsuo; Oda, Goro; and Kamiya, Masashi, 4,523,800, Cl. 350-6.700.
Yamashita, Mitsuo; Oda, Goro; and Tomimori, Kiyoshi, 4,552,417, Cl. 308-10.000.
Yamashita, Youhachi; Takahashi, Takashi; and Harata, Mituo, 4,544,644, Cl. 501-134.000.
Yamauchi, Masahide; and Fukatsu, Kunio, 4,516,866, Cl. 400-25.000.
Yamauchi, Toshiaki; Hibi, Tsuneo; Sasano, Kiyomi; and Hayashi, Yoshiki, 4,516,331, Cl. 34-77.000.
Yana, Masasumi, 4,505,603, Cl. 400-120.000.
Yana, Masasumi, 4,517,573, Cl. 346-76.0PH.
Yana, Masasumi; and Ohno, Tadayoshi, 4,532,524, Cl. 346-76.0PH.
Yana, Masasumi; Nagato, Hitoshi; Yamada, Kiyoshi; Ueno, Shyoji; and Shibuya, Kunihiro, 4,552,470, Cl. 400-120.000.
Yanagida, Seiichi; and Kobayashi, Naoki, 4,530,015, Cl. 360-33.100.
Yasuda, Hiroshi; and Marui, Kuniyoshi, 4,558,178, Cl. 179-2.00E.
Yasuhara, Hiroshi; Fujita, Hitoshi; and Okazaki, Kiyoshi, 4,533,946, Cl. 358-111.000.
Yokoo, Makoto; Nakatomi, Yoshitsugu; and Hashimoto, Shinichi, 4,523,831, Cl. 355-3.00R.
Yokota, Tsuneshi, 4,499,571, Cl. 369-54.000.
Yokota, Tsuneshi, 4,503,324, Cl. 250-201.000.
Yokota, Tsuneshi, 4,516,242, Cl. 372-29.000.
Yokota, Tsuneshi; and Nakagawa, Akira, 4,558,441, Cl. 369-59.000.
Yokoyama, Hideo; Tomita, Seiji; and Yamada, Shigeo, 4,519,558, Cl. 242-186.000
Yoneda, Hitoshi, 4,515,462, Cl. 355-4.000.
Yoneda, Kiyoshi; and Takeuchi, Hiroshi, 4,536,842, Cl. 364-424.000.
Yonezawa, Toshio; and Aoyama, Masaharu, 4,561,009, Cl. 357-67.000.
Yoshida, Nobuyuki, 4,532,585, Cl. 364-200.000.
Yoshida, Yoshihiro; and Aoki, Hidehiko, 4,536,716, Cl. 330-69.000.
Yoshihara, Setsuo; Otsubo, Yorihumi; and Kobayashi, Takashi, 4,496,830, Cl. 235-458.000.
Yoshihisa, Kozo; and Okui, Isamu, 4,494,075, Cl. 330-254.000.
Yoshihisa, Kozo; and Okui, Isamu, 4,511,849, Cl. 329-103.000.
Yoshikawa, Ryoichi, 4,559,603, Cl. 364-491.000.
Yoshimaru, Tomohisa; and Yamamoto, Kazuki, 4,498,107, Cl. 358-256.000.
Yoshimaru, Tomohisa, 4,500,926, Cl. 358-256.000.
Yoshimura, Tooru, 4,491,965, Cl. 382-57.000.
Yoshizawa, Shuji, 4,526,805, Cl. 427-38.000.
Zaitsu, Hirohachi, 4,545,668, Cl. 355-3.00R.
Zeidman, Gordon G., 4,526,460, Cl. 355-3.0FU.

Tokyo Sintered Metal Co., Ltd.: *See—*
Hirabayashi, Masao, 4,524,899, Cl. 228-173.200.

Tokyo Tatsuno Co., Ltd.: *See—*
Endo, Keizo; Matsumura, Hiroshi; Hasunuma, Yoshifumi; Masai, Siro; and Oguma, Noboru, 4,522,237, Cl. 141-95.000.

Tokyu Musashi Mfg. Co., Ltd.: *See—*
Suzuki, Tetsuo, 4,508,057, Cl. 119-3.000.

Tol-O-Matic, Inc.: *See—*
Lieberman, Walter G., 4,545,290, Cl. 92-88.000.

Toland, David A. Aerodynamic braking device for downhill skiing. 4,531,763, 7-30-85, Cl. 280-810.000.

Toland, Richard H.: *See—*
Kulkarni, Satish V.; Christensen, Richard M.; and Toland, Richard H., 4,537,091, Cl. 74-572.000.

Tolasch, Gerhard: *See—*
Baese, Horst; and Tolasch, Gerhard, 4,507,040, Cl. 414-403.000.

Tolbert, Thomas W.: *See—*
Kutnyak, Thomas A.; and Tolbert, Thomas W., 4,547,029, Cl. 339-16.00R.

Tolbert, William R.; Feder, Joseph; and Lewis, Charles, Jr., to Monsanto Company. Static cell culture maintenance system. 4,537,860, 8-27-85, Cl. 435-240.000.

Tolbert, William R.: *See—*
Lewis, Charles, Jr.; Olander, Jitka V.; and Tolbert, William R., 4,533,496, Cl. 260-112.00R.

Tolco Corporation: *See—*
Spengler, William E.; and Ramsey, William C., 4,537,334, Cl. 222-401.000.

Tolcon Steel Corporation: *See—*
Willoughby, Marshall O., 4,553,479, Cl. 102-430.000.

Toldi, George; Nigam, Anil; and Crain, Ronald A., to SyQuest Technology. Disc drive arrangement with door actuated magnetic head movement linkage. 4,504,879, 3-12-85, Cl. 360-105.000.

Toldy, Lajos: *See—*
Horvath, Istvan; Lang, Tibor; Pongo, Laszlo ; Reiter, Jozsef; Somorai, Tamas; Szilagyi, Geza; and Toldy, Lajos, 4,537,899, Cl. 514-384.000.

Toledo-Pereyra, Luis H., to Mount Carmel Research and Education Corporation. Organ hypothermic storage unit. 4,502,295, 3-5-85, Cl. 62-463.000.

Toledo Transducers, Inc.: *See—*
Seed, Aniese E., 4,558,756, Cl. 177-211.000.

Tolentino, John, to Chicago Cutlery Consumer Products, Inc. Display case. 4,511,040, 4-16-85, Cl. 206-553.000.

Tolentino, Luisito A., to General Electric Company. Method for preparing acrylic functional halosilanes and halosiloxanes. 4,558,111, 12-10-85, Cl. 528-26.000.

Tolfsen, Ulf, to Loyd's Industri A/S Boks 609. Fastening means for safety belts. 4,492,007, 1-8-85, Cl. 24-461.000.

Tolgyesi, Eva: *See—*
Bresak, Ann F.; and Tolgyesi, Eva, 4,542,014, Cl. 424-70.000.

Tolhurst, Gary A.; and Haugse, Albert L., to Ashland Oil, Inc. Flexibilized polyurethane pipe coating. 4,542,049, 9-17-85, Cl. 427-388.100.

Toliusis, Vytautas J., to Humphrey Products Company. Snap-together modular manifold construction. 4,524,807, 6-25-85, Cl. 137-884.000.

Toliusis, Vytautas J.: *See—*
Klimowicz, Michael A.; Toliusis, Vytautas J.; and Loveless, Stanley M., 4,501,299, Cl. 137-625.650.

Toll, Ian C., to Futaire Limited. Aircraft seating. 4,498,649, 2-12-85, Cl. 244-118.600.

Tolle, Hans; Frech, Karl; and Ludke, Hartmut, to Carl Kurt Walther GmbH & Co. KG; and Theodor Heimeier Metallwerk GmbH. Process of deburring moldings made from granular material. 4,560,586, 12-24-85, Cl. 427-134.000.

Tolley, Andrew T.: *See—*
Tolley, Calvert B.; and Tolley, Andrew T., 4,494,277, Cl. 17-71.000.

Tolley, Calvert B.; and Tolley, Andrew T., to Sea Savory, Inc. Crab holder for processing machine. 4,494,277, 1-22-85, Cl. 17-71.000.

Tolley, Derek C. Sun beds. 4,525,884, 7-2-85, Cl. 5-423.000.

Tolliver, Peter M. Lateral view extender device. 4,493,538, 1-15-85, Cl. 351-57.000.

Tolmachev, Alexei I.: *See—*
Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.

Tolman, Glen L.: *See—*
Kang, Jemo; and Tolman, Glen L., 4,529,796, Cl. 536-29.000.

Tolnay, Lajos: *See—*
Toth, Lajos; Tolnay, Lajos; Kiss, Laszlo ; Sziklavaris, Istvan; Aranyosi, Miklos; Zsiros, Laszlo ; Kiss, Ferenc; and Kiss, Lajos, 4,545,815, Cl. 75-49.000.

Tolochko, Alexei I.: *See—*
Kudinov, Gennady A.; Kasyanov, Grigory I.; Lysenko, Evgeny E.; Tolochko, Alexei I.; Yazev, Vasily A.; and Antonov, Vladimir M., 4,561,639, Cl. 266-193.000.

Tolok, Vladimir T.: *See—*
Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.

Tolokan, Robert P.: *See—*
Erickson, Arnold R.; Panzera, Carlino; and Tolokan, Robert P., 4,530,884, Cl. 428-608.000.

Toly, Norman F.: *See—*
Haney, Steven J.; Stulen, Richard H.; and Toly, Norman F., 4,538,068, Cl. 250-443.100.

Tom David, Inc.: *See—*
David, Tom, 4,509,698, Cl. 241-169.100.

Tom, Glenn M., to Hercules Incorporated. Dicyclopentadiene thermoset polymer. 4,507,453, 3-26-85, Cl. 526-283.000.

Tom Sawyer Supply & Equipment: *See—*
Sawyer, Robert D.; and Fohl, Michael W., 4,536,145, Cl. 425-289.000.

Toma, Hitoshi: *See—*
Hirooka, Masaaki; Toma, Hitoshi; and Kondo, Hideyo, 4,559,260, Cl. 428-215.000.
Ishikawa, Shozo; Toma, Hitoshi; and Sumino, Fumio, 4,535,043, Cl. 430-58.000.

Toma, Ken; Iida, Masanao; and Takeuchi, Yo, to Mitsubishi Aluminum Kabushiki Kaisha. Aluminum alloy clad sheet having excellent high-temperature sagging resistance and thermal conductivity. 4,511,632, 4-16-85, Cl. 428-654.000.

Toma, Petre; Redford, David A.; Livesey, Declan B.; and Coates, Roy M., to Texaco Canada Resources Ltd. Well with sand control and stimulant deflector. 4,532,994, 8-6-85, Cl. 166-303.000.

Toma, Shouji: *See—*
Matsui, Shigetomo; Atsuta, Toshio; and Toma, Shouji, 4,542,846, Cl. 228-112.000.

Tomac, Zeljko. Device for the thermal treatment of products, especially food and beverages. 4,544,022, 10-1-85, Cl. 165-47.000.

Tomahawk Industries, Inc.: *See—*
McDaniel, Thomas I., 4,547,013, Cl. 296-1.00S.

Tomaiuolo, Frank G.; and Lang, John G., to Rotesco Inc. Method and apparatus for non-destructive testing of magnetically permeable bodies using a first flux to saturate the body and a second flux oppos-

ing the first flux to produce a measurable flux. 4,495,465, 1-22-85, Cl. 324-232.000.
Tomala, Ambrose: *See—*
Brooks, Mark A.; Tomala, Ambrose; and Casey, Gary L., 4,545,339, Cl. 123-145.00A.
Buike, James W.; and Tomala, Ambrose, 4,530,413, Cl. 180-79.100.
Tomalia, Donald A.; and Dewald, James R., to Dow Chemical Company, The. Dense star polymers having core, core branches, terminal groups. 4,507,466, 3-26-85, Cl. 528-332.000.
Tomalia, Donald A.; and Wilson, Larry R., to Dow Chemical Company, The. Cyclic peptides. 4,517,122, 5-14-85, Cl. 260-239.30R.
Tomalia, Donald A.; and Buchholz, Fredric L., to Dow Chemical Company, The. Process for preparing imidazolinium compounds. 4,529,803, 7-16-85, Cl. 548-354.000.
Tomalia, Donald A.; and Dewald, James R., to Dow Chemical Company, The. Dense star polymer. 4,558,120, 12-10-85, Cl. 528-363.000.
Toman, George M., to Union Special Corporation. Force transfer means. 4,523,533, 6-18-85, Cl. 112-199.000.
Toman, George M.: *See—*
Bernstein, Benjamin T.; Bock, Thomas J.; Toman, George M.; and Bhatia, Chandrakant, 4,516,512, Cl. 112-165.000.
Bernstein, Benjamin T.; and Toman, George M., 4,528,777, Cl. 51-40.000.
Bhatia, Chandrakant; Toman, George M.; and Bock, Thomas J., 4,513,674, Cl. 112-220.000.
Tomar, Julius, to Home of Champions, S.A. Process for coating ball cores. 4,498,667, 2-12-85, Cl. 273-60.00B.
Tomarikawa, Kazuyuki: *See—*
Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.
Tomarin, Seymour A. Synthetic turf carpet game playing surface. 4,497,853, 2-5-85, Cl. 428-17.000.
Tomas, Stephen P.: *See—*
Moore, William H.; Mandel, Alan F.; Trosky, William J.; Eichler, Kenneth M.; Tomas, Stephen P.; Tober, Edward; and Vasold, Thomas A., 4,512,442, Cl. 187-29.00R.
Tomasello, Carl A., Jr., to Orion Automation Industries. Automatic storage and distribution system. 4,527,937, 7-9-85, Cl. 414-273.000.
Tomasetti, Charles M.: *See—*
Savoye, Eugene D.; and Tomasetti, Charles M., 4,547,957, Cl. 29-572.000.
Tomashauser, Josef: *See—*
Buchholz, Rainer; Tomashauser, Josef; Zodrow, Rudolf; and Mohn, Hans-Werner, 4,536,247, Cl. 156-477.100.
Tomasi, Jean P., to U.S. Philips Corporation. Range measurement by means of frequency modulated continuous wave radar. 4,503,433, 3-5-85, Cl. 343-7.500.
Tomasi, Jean-Pierre, to U.S. Philips Corporation. Radar system operating by means of frequency modulated pulsed waves. 4,558,322, 12-10-85, Cl. 343-17.20R.
Tomasi, Mauro: *See—*
Perazzolo, Eugenio; and Tomasi, Mauro, 4,538,493, Cl. 83-530.000.
Tomason, Garry. Prefabricated panel for roof or siding construction. 4,544,595, 10-1-85, Cl. 428-116.000.
Tomassetti, Paola: *See—*
Marlettini, Maria G.; DeNovellis, Michelangelo; Labriola, Ernesto; Salomone, Teresa; and Tomassetti, Paola, 4,522,827, Cl. 514-671.000.
Tomassi, Roberto; and Martin, Claude, to Mead Corporation, The. Article carrier. 4,498,582, 2-12-85, Cl. 206-427.000.
Tomasson, Tom: *See—*
Brynielsson, Thore; Tomasson, Tom; Ahlberg, Leif; and Johansson, Magnus, 4,536,004, Cl. 280-166.000.
Tomasulo, Walter, to Technicorp. Multi-element thermoelectric nondestructive testing device and method. 4,542,345, 9-17-85, Cl. 324-451.000.
Tomaszewski, Walter, to Firestone Tire & Rubber Company, The. Channel connector. 4,512,680, 4-23-85, Cl. 403-313.000.
Tomaszewski, Walter; and Yang, James H. C., to Firestone Tire & Rubber Company, The. Channel end cap. 4,531,339, 7-30-85, Cl. 52-716.000.
Tomaszewski, Walter: *See—*
Beneze, Heinz W.; and Tomaszewski, Walter, 4,532,744, Cl. 52-222.000.
Yang, James H. C.; and Tomaszewski, Walter, 4,516,874, Cl. 403-313.000.
Yang, James H. C.; Tomaszewski, Walter; and Beneze, Heinz W., 4,534,145, Cl. 52-222.000.
Tomati, Umberto: *See—*
Grappelli, Adriana; Tomati, Umberto; and Palma, Grazio, 4,552,726, Cl. 422-184.000.
Tomazic, Gerd: *See—*
Schreier, Kurt; Bartsch, Karl; Knoll, Helmut; and Tomazic, Gerd, 4,554,041, Cl. 156-276.000.
Tomblin, Glen E.: *See—*
Szablak, Michael J.; and Tomblin, Glen E., 4,531,437, Cl. 83-165.000.
Tombrello, Thomas A.; Qiu, Yuanxun; and Mendenhall, Marcus H., to California Institute of Technology. Enhanced adhesion of films to semiconductors or metals by high energy bombardment. 4,526,624, 7-2-85, Cl. 148-1.500.
Tomburo, Anthony F.; and Kachur, Nicholas W., to Gibson Associates, Inc. Sealed propulsion mechanism for a stick-deodorant or the like container. 4,521,127, 6-4-85, Cl. 401-68.000.
Tomcik, James D., to AT&T Bell Laboratories. Adaptive bit allocator. 4,535,472, 8-13-85, Cl. 381-31.000.
Tomcik, James D.: *See—*
Ching, Yau-Chau; and Tomcik, James D., 4,516,258, Cl. 381-31.000.
Tomcufcik, Andrew S.; Meyer, Walter E.; and Eudy, Nancy H., to American Cyanamid Company. 2-(pyridyl)imidazolyl ketones. 4,499,097, 2-12-85, Cl. 514-341.000.
Tomcufcik, Andrew S.; Meyer, Walter E.; and Tseng, Shin S., to American Cyanamid Company. Pyrazolylpiperazines. 4,562,189, 12-31-85, Cl. 514-252.000.
Tomcufcik, Andrew S.: *See—*
Dusza, John P.; Tomcufcik, Andrew S.; and Albright, Jay D., 4,521,422, Cl. 514-258.000.
Wright, William B., Jr.; Press, Jeffery B.; and Tomcufcik, Andrew S., 4,542,145, Cl. 514-383.000.
Tomczak, Roman M.: *See—*
Gallion, James A.; and Tomczak, Roman M., 4,525,898, Cl. 24-30.50W.
Tomczak, Stanislaus: *See—*
Weiss, Gunther; Worz, Paul; and Tomczak, Stanislaus, 4,509,033, Cl. 336-107.000.
Tomczak, Walter F., to MacGregor Sporting Goods, Inc. Chest protector with rigid plates. 4,525,875, 7-2-85, Cl. 2-2.000.
Tome, Frederick C., Jr.: *See—*
Shaffer, Jacob E., Jr.; Reier, John C.; and Tome, Frederick C., Jr., 4,543,468, Cl. 219-279.000.
Tome, James J.: *See—*
Schaefer, Richard M.; and Tome, James J., 4,557,505, Cl. 283-81.000.
Tomei Sangyo Kabushiki Kaisha: *See—*
Yamauchi, Masakatu, 4,512,865, Cl. 204-271.000.
Tomeraasen, Paul L.: *See—*
Davis, Thomas J.; and Tomeraasen, Paul L., 4,528,506, Cl. 324-225.000.
Tomesko, Charles L., to Automated Optics, Inc. Method and apparatus for adhering a workpiece to a support block. 4,502,909, 3-5-85, Cl. 156-356.000.
Tomforde, Johann: *See—*
Gallitzendorfer, Josef; Gotz, Hans; Pfeiffer, Peter; and Tomforde, Johann, 4,541,664, Cl. 296-213.000.
Gallitzendorfer, Joseph; Pfeiffer, Peter; Tomforde, Johann; Parisch, Jochen; and Zweigart, Gerhard, 4,518,197, Cl. 296-213.000.
Tomia, Kouji: *See—*
Tanaka, Shigenori; and Tomia, Kouji, 4,556,088, Cl. 139-452.000.
Tomibe, Shinji; Gomibuchi, Reizo; and Takahashi, Kiyofumi, to Nihon Sanmo Dyeing Co., Ltd. Electrically conducting material and method of preparing same. 4,556,507, 12-3-85, Cl. 252-518.000.
Tomibe, Shinji; and Murasaki, Norio, to Nihon Sanmo Dyeing Co., Ltd. Electrically conducting material and process of preparing same. 4,556,508, 12-3-85, Cl. 252-518.000.
Tomich, Michael J., to General Electric Company. Blade containment structure. 4,534,698, 8-13-85, Cl. 415-9.000.
Tomida, Masayuki: *See—*
Yoshida, Kenji; Nakazawa, Makoto; Shike, Toyohiko; Tomida, Masayuki; Tsuda, Masataka; and Teraoka, Toru, 4,510,154, Cl. 514-365.000.
Tomie, Takashi: *See—*
Adachi, Tomio; Shiozaki, Shigeru; and Tomie, Takashi, 4,505,966, Cl. 428-141.000.
Kadokura, Sadao; Tomie, Takashi; and Naoe, Masahiko, 4,507,364, Cl. 428-457.000.
Tomiguchi, Akihiko: *See—*
Yoshida, Tatsuo; Fukuda, Kikuo; and Tomiguchi, Akihiko, 4,509,319, Cl. 57-218.000.
Tomihashi, Nobuyuki: *See—*
Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.
Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, 4,500,694, Cl. 526-245.000.
Ohmori, Akira; and Tomihashi, Nobuyuki, 4,504,642, Cl. 526-246.000.
Ohmori, Akira; Tomihashi, Nobuyuki; and Shimizu, Yoshiki, 4,529,785, Cl. 526-247.000.
Ohmori, Akira; Tomihashi, Nobuyuki; Inukai, Hiroshi; and Shimizu, Yoshiki, 4,544,720, Cl. 526-247.000.
Ohmori, Akira; Tomihashi, Nobuyuki; and Kitahara, Takahiro, 4,557,562, Cl. 350-96.340.
Tsunoda, Takahiro; Yamaoka, Tsuguo; Ohmori, Akira; Tomihashi, Nobuyuki; and Tamaru, Sinji, 4,529,783, Cl. 526-246.000.
Tomihira, Shigeru: *See—*
Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,515,922, Cl. 525-99.000.
Takeuchi, Yasumasa; Sakakibara, Mitsuhiko; Tagata, Nobuo; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,533,711, Cl. 526-340.400.
Tomiita, Kazuo: *See—*
Negishi, Takao; Kojima, Teiryo; and Tomiita, Kazuo, 4,523,428, Cl. 57-288.000.
Tomikawa, Koichi: *See—*
Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.
Tomikawa, Masataka, to Tokyo Shibaura Denki Kabushiki Kaisha. Communication system with collision detection and forced collision. 4,516,122, 5-7-85, Cl. 340-825.500.

Tomimatsu, Noriyuki: *See—*
  Fukushima, Nobuo; and Tomimatsu, Noriyuki, 4,498,081, Cl. 340-793.000.
Tomimori, Kiyoshi: *See—*
  Yamashita, Mitsuo; Oda, Goro; and Tomimori, Kiyoshi, 4,552,417, Cl. 308-10.000.
Tominaga, Akira, to Kansai Paint Co., Ltd. Heat-curable resin coating composition. 4,528,363, 7-9-85, Cl. 528-370.000.
Tominaga, Hiroshi, to Fuji Electric Co., Ltd. Height adjusting lifter for hospital bed. 4,556,198, 12-3-85, Cl. 254-122.000.
Tominaga, Ichiro; and Sasaki, Teruo, to Sumitomo Rubber Industries, Inc. Method for measuring physical properties of material. 4,543,827, 10-1-85, Cl. 73-602.000.
Tominaga, Ichiro; and Nakahara, Akihiro, to Sumitomo Rubber Industries, Ltd. Solid golf balls. 4,556,220, 12-3-85, Cl. 273-218.000.
Tominaga, Ichiro; and Nakahara, Akihiro, to Sumitomo Rubber Industries, Ltd. Golf ball. 4,561,657, 12-31-85, Cl. 273-218.000.
Tominaga, Jiro; Yada, Hiroshi; and Honda, Mitsuo, to Nippon Steel Corporation. High-tension high-toughness steel having excellent resistance to delayed fracture and method for producing the same. 4,537,644, 8-27-85, Cl. 148-36.000.
Tominaga, Kenji: *See—*
  Yamanari, Shozo; Horiuchi, Tetsuo; Sugisaki, Toshihiko; and Tominaga, Kenji, 4,526,743, Cl. 376-283.000.
Tominaga, Mamoru: *See—*
  Mori, Leo; Aoba, Takashi; and Tominaga, Mamoru, 4,502,755, Cl. 350-128.000.
  Mori, Leo; Tominaga, Mamoru; and Aoba, Takashi, 4,538,216, Cl. 362-311.000.
Tominaga, Masahiro; Nakamura, Kenichi; and Mishima, Kunio, to Toyoda Gosei Co., Ltd. Weather strip for automobiles. 4,495,234, 1-22-85, Cl. 428-122.000.
Tominaga, Masato: *See—*
  Tokumori, Yutaka; Mokuda, Osamu; Ikeda, Tadasu; Takeda, Akira; Tominaga, Masato; and Mashiba, Hiroto, 4,562,071, Cl. 424-94.000.
Tominaga, Michiaki; Yang, Yung-hsiung; Ogawa, Hidenori; and Nakagawa, Kazuyuki, to Otsuka Pharmaceutical Co., Ltd. Carbostyril derivatives. 4,514,401, 4-30-85, Cl. 514-253.000.
Tominaga, Shigetake: *See—*
  Yoshimura, Tatsushiro; and Tominaga, Shigetake, 4,521,596, Cl. 524-406.000.
Tominaga, Shinya: *See—*
  Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.
Tominaga, Yasuhiro. Ball game apparatus. 4,521,016, 6-4-85, Cl. 273-29.00A.
Tominaga, Yasunori: *See—*
  Suzuki, Akio; Akiyama, Mitsuo; Kashiwazaki, Susumu; Suzuki, Shigeyasu; Tominaga, Yasunori; and Arakawa, Michihisa, 4,502,290, Cl. 62-229.000.
Tominaga, Yoichi: *See—*
  Okada, Masashi; Nishigakiuchi, Yasushi; and Tominaga, Yoichi, 4,529,447, Cl. 106-287.240.
Tominari, Noboru, to Tominari, Noboru; and Mikuni Kogyo Co., Ltd. Circuit device for driving electromagnetically movable unit at high speed with single power source. 4,516,184, 5-7-85, Cl. 361-152.000.
Tominari, Noboru; and Ishida, Takashi, to Mikuni Kogyo Kabushiki Kaisha; and Tominari, Noboru. Electronic control fuel injection system for spark ignition internal combustion engine. 4,524,745, 6-25-85, Cl. 123-478.000.
Tomino, Tadashi; and Higuchi, Masayuki, to Sharp Kabushiki Kaisha. Integrated circuit package and display panel. 4,508,402, 4-2-85, Cl. 339-17.0CF.
Tomio, Wada: *See—*
  Ishii, Yutaka; Funada, Fumiaki; Takamatsu, Toshiaki; and Tomio, Wada, 4,553,821, Cl. 350-339.00R.
Tomioka, Isao: *See—*
  Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
Tomioka, Kenichi: *See—*
  Murase, Kiyoshi; Mase, Toshiyasu; and Tomioka, Kenichi, 4,497,817, Cl. 548-150.000.
Tomioka, Kentaro: *See—*
  Shimokobe, Hirokata; Saito, Sueo; Tomioka, Kentaro; Akahane, Shoji; and Hirota, Kazuo, 4,524,824, Cl. 106-35.000.
Tomioka, Kunio; Tokai, Shigeru; and Tsuchida, Tatsuo, to Kabushiki Kaisha Komatsu Seisakusho. Press brake. 4,510,789, 4-16-85, Cl. 72-442.000.
Tomioka, Mitsuharu; and Imajima, Mitsuhiro, to Matsushita Electric Industrial Co., Ltd. Liquid fuel combustion device. 4,525,137, 6-25-85, Cl. 431-76.000.
Tomioka, Shigeo, to Minnesota Mining and Manufacturing Company. Plastic core for an elastically shrinkable tubular cover. 4,503,105, 3-5-85, Cl. 428-36.000.
Tomioka, Shunzo; Nakano, Masaaki; Okano, Kinpei; Shimizu, Kousaku; and Yoda, Hiroaki, to Hitachi, Ltd. Vertical motor pump. 4,545,741, 10-8-85, Cl. 417-365.000.
Tomioka, Shunzo: *See—*
  Nii, Katsutoshi; Okano, Kinpei; and Tomioka, Shunzo, 4,529,209, Cl. 277-3.000.
Tomioka, Susumu; and Taniguchi, Masahiko, to Chisso Corporation. Process for producing a non-woven fabric of hot-melt-adhered composite fibers. 4,500,384, 2-19-85, Cl. 156-290.000.
Tomioka, Toshikazu: *See—*
  Nukina, Yasuyuki; Namikawa, Syunji; Tomioka, Toshikazu; Yamamoto, Takehiko; and Oi, Susumu, 4,540,666, Cl. 435-167.000.
Tomisaka, Yasushi, to Kabushiki Kaisha Kobe Seiko Sho. Air fractionation method. 4,507,134, 3-26-85, Cl. 62-30.000.
Tomisawa, Kazuyuki; Kameo, Kazuya; Matsunaga, Toru; Saito, Shiuji; Nakashima, Yoshimoto; and Sata, Kaoru, to Taisho Pharmaceutical Co., Ltd. Diphenylsulfide derivatives. 4,541,959, 9-17-85, Cl. 260-455.00R.
Tomisawa, Naoki, to Japan Electronic Control Systems Company, Limited. Electronically controlled fuel injection system for internal combustion engine. 4,512,315, 4-23-85, Cl. 123-478.000.
Tomisawa, Norio; Uchiyama, Yasuji; and Suzuki, Hideo, to Nippon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument capable of performing natural slur effect. 4,524,668, 6-25-85, Cl. 84-1.240.
Tomisawa, Norio; and Suzuki, Hideo, to Nippon Gakki Seizo Kabushiki Kaisha. Effect imparting device in an electronic musical instrument. 4,558,624, 12-17-85, Cl. 84-1.260.
Tomisawa, Osamu: *See—*
  Anami, Kenji; Yoshimoto, Masahiko; Shinohara, Hirofumi; and Tomisawa, Osamu, 4,542,[illegible], Cl. [illegible]65-230.000.
  Shinohara, Hirofumi; Tomisawa, Osamu; Anami, Kenji; and Yoshimoto, Masahiko, 4,521,7[illegible] 307-530.000.
Tomisawa, Yoshiaki; Kinoda, Seiji; Fujita, Eiji; Murata, Masanori; Takeuchi, Toshio; and Ogawa, Ken, to Hitachi Chemical Company, Ltd. Process for developing or peeling alkali-type photosensitive film and apparatus used therein. 4,517,282, 5-14-85, Cl. 430-399.000.
Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, to Hitachi Chemical Company, Ltd. Process for developing or peeling alkali-type photosensitive film and apparatus used therein. 4,519,690, 5-28-85, Cl. 354-324.000.
Tomisawa, Yoshiaki; Takeuchi, Toshio; Honda, Keijiro; Takahashi, Susumu; and Kinoda, Seiji, to Hitachi Chemical Company, Ltd. Process for regenerating solution for developing or peeling alkali-type photosensitive film. 4,559,295, 12-17-85, Cl. 430-325.000.
Tomishima, Hitoshi: *See—*
  Matsumura, Toshimi; Miyaki, Masahiko; Tomishima, Hitoshi; and Masuda, Akira, 4,495,920, Cl. 123-436.000.
Tomishima, Takeshi: *See—*
  Gotah, Eizo; Tomishima, Takeshi; Tsutsumi, Tadao; and Komuro, Yoshiyuki, 4,546,171, Cl. 528-310.000.
Tomishima, Yoshio: *See—*
  Toyooka, Eietsu; Tomishima, Yoshio; and Nojima, Yasuhiro, 4,555,555, Cl. 526-62.000.
Tomita, Akira: *See—*
  Nanpei, Masaru; Tomita, Akira; Fujimura, Toshiaki; and Etoh, Kuniomi, 4,544,624, Cl. 430-281.000.
Tomita, Eihachiro: *See—*
  Suzuki, Seiichi; and Tomita, Eihachiro, 4,504,773, Cl. 320-1.000.
Tomita, Fusao; Tamaoki, Tatsuya; Shirahata, Kunikatsu; Iida, Takao; Morimoto, Makoto; and Fujimoto, Kazuhisa, to Kyowa Hakko Kogyo Co., Ltd. Antibiotic substances DC-45, and their use as medicaments. 4,511,560, 4-16-85, Cl. 514-27.000.
Tomita, Haruo; and Yonezawa, Kazuya, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Epoxy resin and process for preparing the same. 4,540,802, 9-10-85, Cl. 549-557.000.
Tomita, Hiroyuki: *See—*
  Igarashi, Sadayuki; Nagase, Hiroshi; Ninomiya, Hisakazu; Kobayashi, Sumio; and Tomita, Hiroyuki, 4,532,464, Cl. 318-807.000.
Tomita, Hitoshi: *See—*
  Ochiai, Kouji; and Tomita, Hitoshi, 4,509,492, Cl. 123-569.000.
Tomita, Katsuaki, to Tachikawa Corporation. Window having double-glazed sliding doors and blinds. 4,538,662, 9-3-85, Cl. 160-107.000.
Tomita, Katsuhiko: *See—*
  Miyatake, Kimio; and Tomita, Katsuhiko, 4,499,379, Cl. 250-343.000.
Tomita, Kazuichi; Mano, Hiroshi; Matsuyama, Fumio; and Isomura, Akihiko, to Sumitomo Electric Industries, Ltd. Fluororesin filter. 4,539,113, 9-3-85, Cl. 210-323.200.
Tomita, Kazuo: *See—*
  Igarashi, Kouhei; and Tomita, Kazuo, 4,492,112, Cl. 73-117.300.
Tomita, Kimio, to Nissan Motor Company, Limited. Vacuum actuator with fail-safe system. 4,541,324, 9-17-85, Cl. 91-392.000.
Tomita, Koji: *See—*
  Hanada, Minoru; Tsunakawa, Mitsuaki; Tomita, Koji; Tsukiura, Hiroshi; and Kawaguchi, Hiroshi, 4,504,580, Cl. 435-74.000.
  Kawaguchi, Hiroshi; Konishi, Masataka; Sugawara, Koko; and Tomita, Koji, 4,533,631, Cl. 435-70.000.
Tomita, Kouji: *See—*
  Tanaka, Shigenori; and Tomita, Kouji, 4,558,723, Cl. 139-452.000.
Tomita, Masahiro; and Takagi, Shigeru, to Nippon Soken, Inc. Method for producing a ceramic filter for cleaning exhaust gases from a diesel engine. 4,540,535, 9-10-85, Cl. 264-44.000.
Tomita, Masahiro: *See—*
  Abe, Seiko; Sakakibara, Yasuyuki; Tomita, Masahiro; and Shinoda, Kazuo, 4,553,059, Cl. 310-328.000.
  Sato, Susumu; Takeuchi, Yukihisa; and Tomita, Masahiro, 4,535,588, Cl. 60-286.000.
  Takagi, Shigeru; and Tomita, Masahiro, 4,523,935, Cl. 55-282.000.
  Takagi, Shigeru; and Tomita, Masahiro, 4,528,008, Cl. 55-485.000.
  Takeuchi, Yukihisa; and Tomita, Masahiro, 4,505,726, Cl. 55-282.000.
  Takeuchi, Yukihisa; and Tomita, Masahiro, 4,516,993, Cl. 55-283.000.
  Yoshida, Hitoshi; Tomita, Masahiro; and Takagi, Shigeru, 4,535,589, Cl. 60-303.000.

Tomita, Masami: *See—*
  Inoue, Satoru; Uchida, Mitsuru; Yamaguchi, Kimitoshi; Aoki, Mitsuo; Tomita, Masami; and Uematsu, Chiaki, 4,562,136, Cl. 430-107.000.
Tomita, Masao, to Matsushita Electric Industrial Co., Ltd. Eliminating the low-frequency chrominance signal for tracking in a video tape recorder. 4,549,226, 10-22-85, Cl. 358-328.000.
Tomita, Masao: *See—*
  Honjo, Masahiro; and Tomita, Masao, 4,542,416, Cl. 360-10.300.
Tomita, Masayoshi, to Fujitsu Limited. Method for constructing delay circuits in a master slice IC. 4,516,312, 5-14-85, Cl. 29-571.000.
Tomita, Naotaka; and Watanabe, Toshiyuki, to Bridgestone Tire Company Limited. Method and apparatus for detecting sound source. 4,532,807, 8-6-85, Cl. 73-602.000.
Tomita, Osamu; Murase, Yoshihiko; and Nishimura, Seiya, to Nippon Gakki Seizo Kabushiki Kaisha. Wood-type golf club head. 4,545,580, 10-8-85, Cl. 273-167.00R.
Tomita, Osamu: *See—*
  Fujii, Yoshihiko; Tomita, Osamu; Taniguchi, Itaru; and Saiwai, Kazuhiko, 4,520,370, Cl. 346-76.00L.
Tomita, Rioe. Magnetic door catch. 4,505,502, 3-19-85, Cl. 292-251.500.
Tomita, Sadami: *See—*
  Watanabe, Ryuji; Iwashita, Kiyoji; Tomita, Sadami; Kuniya, Keiichi; and Tsuda, Hideaki, 4,547,639, Cl. 200-144.00B.
Tomita, Satoru; Shimura, Akira; and Yokota, Takashi, to Ricoh Company, Ltd. Apparatus for cleaning a recording medium. 4,499,849, 2-19-85, Cl. 118-652.000.
Tomita, Satoru: *See—*
  Nagayama, Haruhiko; and Tomita, Satoru, 4,547,059, Cl. 355-3.0BE.
Tomita, Seiji; and Yokoyama, Hideo, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape cassette loading and ejection device. 4,492,995, 1-8-85, Cl. 360-96.500.
Tomita, Seiji, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape recorder. 4,532,565, 7-30-85, Cl. 360-106.000.
Tomita, Seiji; Morinaga, Kaoru; and Kotoda, Yoshihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape recorder. 4,542,430, 9-17-85, Cl. 360-106.000.
Tomita, Seiji: *See—*
  Yokoyama, Hideo; Tomita, Seiji; and Yamada, Shigeo, 4,519,558, Cl. 242-186.000.
Tomita, Seisuke: *See—*
  Itoh, Michio; Tsukamoto, Takehiro; Watanabe, Shuichi; Kinoshita, Takeshi; and Tomita, Seisuke, 4,545,416, Cl. 152-539.000.
  Oshima, Noboru; Shimizu, Isamu; Yoshimura, Yoshito; Fujimaki, Tatsuo; and Tomita, Seisuke, 4,526,934, Cl. 525-332.900.
  Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.
Tomita, Shuichi, to Pioneer Electronic Corporation. Mount for loudspeaker on vehicle panel. 4,550,796, 11-5-85, Cl. 181-141.000.
Tomita, Syuji: *See—*
  Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.
Tomita, Takao; Akiba, Masahiro; Toyota, Hideki; and Terada, Yasuo, to Honda Giken Kogyo Kabushiki Kaisha. Control system of exhaust for internal combustion engine. 4,522,029, 6-11-85, Cl. 60-314.000.
Tomita, Takao; Tottori, Takumi; Terada, Yasuo; Toyota, Hideki; and Akiba, Masahiro, to Honda Giken Kogyo Kabushiki Kaisha. Exhaust system control apparatus in an internal combustion engine. 4,539,813, 9-10-85, Cl. 60-314.000.
Tomita, Toshihide: *See—*
  Minami, Yuji; Kamiyama, Hisashi; and Tomita, Toshihide, 4,560,501, Cl. 252-628.000.
Tomita, Toyofumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electromagnetic flowmeter. 4,538,468, 9-3-85, Cl. 73-861.170.
Tomita, Toyofumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electromagnetic flow meter. 4,545,257, 10-8-85, Cl. 73-861.170.
Tomita, Tsutomu; Horio, Kimihide; and Naganawa, Tadahisa, to Toyota Jidosha Kabushiki Kaisha. Timing adjustment mechanism in wrapping connector driving device. 4,525,151, 6-25-85, Cl. 474-101.000.
Tomita, Yasuo, to Canon Kabushiki Kaisha. System for recording patterns of magnetically recorded information by utilizing the magneto-optic effect. 4,558,440, 12-10-85, Cl. 369-13.000.
Tomita, Yoshifumi: *See—*
  Norogaki, Saburo; Hayashi, Nobuaki; and Tomita, Yoshifumi, 4,537,851, Cl. 430-144.000.
  Odaka, Yoshiyuki; Nakazato, Kouichi; and Tomita, Yoshifumi, 4,542,038, Cl. 427-68.000.
Tomita, Yoshikatsu: *See—*
  Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.
Tomite, Tosio, to Hitachi, Ltd. Direct current dynamoelectric machine of permanent magnet type. 4,491,756, 1-1-85, Cl. 310-154.000.
Tomite, Tosio, to Hitachi, Ltd. Permanent magnet type motor having improved pole structure. 4,510,407, 4-9-85, Cl. 310-154.000.
Tomiuga, Junichi: *See—*
  Shimada, Shigeru; Kuroda, Akira; Tomiuga, Junichi; and Ishikawa, Shinzi, 4,507,430, Cl. 524-839.000.
Tomiyama, Hideki; and Satake, Masaki, to Fuji Photo Film Co., Ltd. Photographic element for color diffusion transfer with two neutralizing layers. 4,551,410, 11-5-85, Cl. 430-215.000.
Tomiyama, Shigefumi: *See—*
  Tamai, Takashi; Tomiyama, Shigefumi; and Ohshima, Nobumasa, 4,520,661, Cl. 73-129.000.
Tomiyama, Shunsuke: *See—*
  Nishimura, Nobuo; Itami, Teruhiko; Kimoto, Toshifumi; Tomiyama, Shunsuke; and Saitoh, Koichi, 4,525,723, Cl. 346-74.400.
Tomiyama, Tadao, to Mitsubishi Denki Kabushiki Kaisha. Pressure density equalizing apparatus for two vessels. 4,513,213, 4-23-85, Cl. 310-156.000.
Tomiyama, Tsuyoshi, to Kotobuki Seiyaku Co., Ltd. Farnesene derivatives, mucosal stabilizing compositions and method of manufacturing the same. 4,520,029, 5-28-85, Cl. 514-479.000.
Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, to Kawasaki Steel Corporation; and Denka Consultant & Engineering Co., Ltd. Flow changeover valve for the blowing of fluids into molten metal vessel. 4,552,334, 11-12-85, Cl. 251-240.000.
Tomiyasu, Shizuo: *See—*
  Takitani, Masaru; Tomiyasu, Shizuo; and Baba, Keikichi, 4,525,558, Cl. 526-142.000.
Tomiyori, Takashi; Fukuda, Misao; Yamashita, Iwao; Simizu, Nobuo; and Kumano, Takeshi, to Mitsuboshi Belting Ltd. Apparatus for sorting power transmission belts. 4,505,073, 3-19-85, Cl. 51-165.00R.
Tomizawa, Akimori; and Osaka, Hiroshi, to Clarion Co., Ltd. AGC arrangement for a television system. 4,500,921, 2-19-85, Cl. 358-174.000.
Tomizawa, Akira: *See—*
  Tanaka, Isamu; Kikuchi, Hiroshi; Tomizawa, Akira; and Oka, Hitoshi, 4,555,532, Cl. 523-400.000.
Tomizawa, Hiroshi: *See—*
  Mizokawa, Sadao; Hamada, Takuji; Tomizawa, Hiroshi; and Fushimi, Hitoshi, 4,510,494, Cl. 340-825.050.
Tomizawa, Takashi: *See—*
  Tsunekawa, Yuzo; and Tomizawa, Takashi, 4,524,596, Cl. 72-133.000.
Tomizu, Motoyuki: *See—*
  Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, 4,551,592, Cl. 200-67.00D.
  Nishi, Hiroyuki; Hayashi, Mitsuji; and Tomizu, Motoyuki, 4,561,045, Cl. 362-368.000.
Tomizuka, Katsushige: *See—*
  Ukai, Norio; and Tomizuka, Katsushige, 4,539,805, Cl. 57-290.000.
Tomka, Ivan: *See—*
  Wittwer, Fritz; and Tomka, Ivan, 4,539,060, Cl. 156-275.100.
Tomkewitsch, Romuald V.: *See—*
  Winzer, Gerhard; and Tomkewitsch, Romuald V., 4,498,731, Cl. 350-96.160.
Tomkins Co., The: *See—*
  Tompkins, Roy J., Jr., 4,513,797, Cl. 141-198.000.
Tomko, Bela; Marai, Geza; and Karacsonyi, Bela. Phosphorous-nitroferous solid fodder composition and process for its production. 4,499,110, 2-12-85, Cl. 426-69.000.
Tomlin, James S.: *See—*
  Van Devanter, Douglas E.; Moore, Kelly R.; and Tomlin, James S., 4,557,019, Cl. 17-52.000.
Tomlin, Jerry B.; Levey, Gustave S.; and O'Neil, Michael A., to Koomey, Inc. Seal for an underwater connector. 4,519,636, 5-28-85, Cl. 285-95.000.
Tomlinson, Andrew; and Taylor, James M., to Raychem Corporation. Electrical systems comprising temperature-sensitive devices. 4,562,313, 12-31-85, Cl. 179-175.000.
Tomlinson, Christopher J.: *See—*
  Isaman, David L.; Perloff, Ronald S.; and Tomlinson, Christopher J., 4,549,292, Cl. 370-89.000.
Tomlinson, Harold W., Jr.: *See—*
  Beall, Donald L.; Tomlinson, Harold W., Jr.; and Hart, William G., Jr., 4,493,105, Cl. 382-21.000.
Tomlinson, James E., to Anderson Strathclyde PLC. A.F.C. drive gearbox. 4,503,731, 3-12-85, Cl. 74-606.00R.
Tomlinson, Ronald S.; and Trent, Bryan O., to Heil-Quaker Corporation. Condensate handling means for condensing furnace. 4,543,892, 10-1-85, Cl. 110-203.000.
Tomlinson, Ronald S.: *See—*
  Trent, Bryan O.; and Tomlinson, Ronald S., 4,542,734, Cl. 126-110.00R.
Tomlinson, Samuel J., Sr.; Dean, Edward E.; and Adams, Leon M., to Southwest Research Institute. Method for repelling birds, especially woodpeckers. 4,562,212, 12-31-85, Cl. 514-690.000.
Tomlinson, Thomas L. Wire caddy. 4,548,368, 10-22-85, Cl. 242-129.600.
Tomlinson, Walter J., III: *See—*
  Smith, Peter W.; and Tomlinson, Walter J., III, 4,515,429, Cl. 350-96.130.
Tommaney, Joseph W.; and Bishop, Harry L., Jr., to Allegheny Ludlum Steel Corporation. Method for producing steel in a top-blown vessel. 4,514,220, 4-30-85, Cl. 75-60.000.
Tommaney, Joseph W.; Shidemantle, David R.; and Bishop, Harry L., Jr., to Allegheny Ludlum Steel Corporation. Method for producing steel in a top oxygen blown vessel. 4,529,442, 7-16-85, Cl. 75-59.120.
Tommaney, Joseph W., to Allegheny Ludlum Steel Corporation. System and method for producing steel in a top-blown vessel. 4,529,443, 7-16-85, Cl. 75-59.120.
Tommasi, Marcello: *See—*
  Falzone, Vincenzo; and Tommasi, Marcello, 4,535,444, Cl. 370-58.000.

Tommis, Norman, to AE PLC. Surface treatment of metal rings. 4,531,985, 7-30-85, Cl. 148-16.600.

Tomoda, Masayasu; Kawachi, Shoji; and Tanaka, Hiroyuki, to Daikin Kogyo Co., Ltd. Carbon fiber-containing fluoroelastomer composition. 4,491,536, 1-1-85, Cl. 252-511.000.

Tomoda, Masayasu: *See—*
- Tatemoto, Masayoshi; Oka, Masahiko; Kano, Hideo; Tomoda, Masayasu; and Ueta, Yutaka, 4,501,869, Cl. 526-249.000.
- Tatemoto, Masayoshi; Furukawa, Yasuyoshi; Tomoda, Masayasu; Oka, Masahiko; and Morita, Shigeru, 4,530,972, Cl. 525-276.000.

Tomoda, Tetsuya: *See—*
- Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.

Tomoegawa Paper Manufacturing Co., Ltd.: *See—*
- Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, 4,511,642, Cl. 430-161.000.
- Morimoto, Junichi; Kawamura, Fumio; Watanabe, Akira; Suzuki, Yoshio; and Kawamura, Masamichi, 4,539,282, Cl. 430-59.000.

Tomoff, Toma: *See—*
- Huber, Bernhard; Tamm, Rolf G. A.; Tomoff, Toma; and Gonner, Winfried, 4,548,497, Cl. 356-312.000.
- Tamm, Rolf G. A.; and Tomoff, Toma, 4,534,646, Cl. 356-312.000.

Tomofuji, Yoshiaki; and Maeda, Takayoshi, to Matsushita Electric Works, Ltd. Power supply system. 4,533,987, 8-6-85, Cl. 363-36.000.

Tomohiro, Yoshitaka: *See—*
- Hagiwara, Michiaki; and Tomohiro, Yoshitaka, 4,495,074, Cl. 210-695.000.

Tomono, Hiroshi: *See—*
- Hara, Senri; Tomono, Hiroshi; Kimura, Tomohiko; Inoue, Kunio; Sato, Takayuki; and Okada, Yoshio, 4,538,667, Cl. 164-418.000.

Tomono, Kiyohisa: *See—*
- Nakajima, Toyohei; and Tomono, Kiyohisa, 4,539,967, Cl. 123-585.000.

Tomono, Kunisaburo: *See—*
- Mandai, Harufumi; and Tomono, Kunisaburo, 4,543,553, Cl. 336-83.000.

Tomono, Makoto: *See—*
- Haneda, Satoshi; Itaya, Masahiko; and Tomono, Makoto, 4,499,169, Cl. 430-102.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,491,083, Cl. 118-657.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,525,056, Cl. 355-3.0DD.
- Itaya, Masahiko; Haneda, Satoshi; Tarumi, Noriyoshi; and Tomono, Makoto, 4,530,595, Cl. 355-15.000.
- Itaya, Masahiko; Haneda, Satoshi; and Tomono, Makoto, 4,553,500, Cl. 118-657.000.
- Takagiwa, Hiroyuki; Matsuo, Syunji; and Tomono, Makoto, 4,543,311, Cl. 430-98.000.
- Watanabe, Shotaro; Tomono, Makoto; Yamakawa, Goichi; Nishimura, Takeo; and Takahashi, Nobuo, 4,518,674, Cl. 430-108.000.

Tomono, Noboru: *See—*
- Fujii, Kunihisa; Tomono, Noboru; Watanabe, Hajime; and Miyakoshi, Yasushi, 4,516,099, Cl. 335-135.000.

Tomori, Katsuhiko: *See—*
- Hashimoto, Hideo; Tomori, Katsuhiko; and Sano, Yuji, 4,547,854, Cl. 364-474.000.

Tomori, Yasumasa, to Asahi Kogaku Kogyo Kabushiki Kaisha. Intermediate adapter for camera. 4,518,239, 5-21-85, Cl. 354-286.000.

Tomori, Yasumasa, to Asahi Kogaku Kogyo Kabushiki Kaisha. Zoom lens barrel for macrofocusing. 4,523,815, 6-18-85, Cl. 350-430.000.

Tomosada, Masahiro; Maeshima, Katsuyoshi; Inuzuka, Tsuneki; and Sakamaki, Hisashi, to Canon Kabushiki Kaisha. Variable magnification apparatus with lens position control. 4,552,450, 11-12-85, Cl. 355-14.00R.

Tomosada, Masahiro, to Canon Kabushiki Kaisha. Image forming apparatus having a cleaning member. 4,557,588, 12-10-85, Cl. 355-14.00R.

Tomoshige, Shozo: *See—*
- Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, 4,517,096, Cl. 210-668.000.

Tomosy, Geza: *See—*
- Dee, Richard D.; DiGiacomo, Louis A.; and Tomosy, Geza, 4,505,198, Cl. 101-40.000.

Tomoyasu, Hirohide: *See—*
- Sugimori, Masaru; Sanji, Koichiro; Tomoyasu, Hirohide; and Sakakibara, Toshimori, 4,501,853, Cl. 525-122.000.

Tomoyori, Makoto; and Fuse, Masashi, to Alps Electric Co., Ltd. Course guidance and display apparatus for vehicles. 4,543,578, 9-24-85, Cl. 340-995.000.

Tomozaki, Ryozo; Uchita, Takeshi; Ide, Hideo; and Suzuki, Misao, to Hitachi, Ltd. Fin-and-tube type heat exchanger. 4,502,532, 3-5-85, Cl. 165-79.000.

Tompkins Bros. Co. Inc.: *See—*
- Savage, William E., 4,522,043, Cl. 66-80.000.

Tompkins, David E.: *See—*
- Beny, Janos; and Tompkins, David E., 4,546,644, Cl. 73-65.000.

Tompkins, L. Kirk, to Global Manufacturing Co. Inc. Multiple blast aerator system. 4,496,076, 1-29-85, Cl. 222-3.000.

Tompkins, Roy J., Jr., to Tomkins Co., The. One-piece liquid filler tube. 4,513,797, 4-30-85, Cl. 141-198.000.

Tompkins, Terry C.: *See—*
- Clecak, Nicholas J.; McKean, Dennis R.; Miller, Robert D.; Tompkins, Terry C.; and Willson, Carlton G., 4,522,911, Cl. 430-192.000.

Tompkins, Thomas M.: *See—*
- Korthoff, Herbert W.; and Tompkins, Thomas M., 4,522,327, Cl. 227-19.000.

Toms, Thomas M., II, to Troxler Electronic Laboratories, Inc. Methods and apparatus for surveying roof moisture content. 4,542,472, 9-17-85, Cl. 364-556.000.

Tomsa, Vladimir, to Allied Corporation. Electrical connector assembly having means for shielding electromagnetic interference. 4,512,623, 4-23-85, Cl. 339-143.00R.

Tomsa, Vladimir, to Allied Corporation. Electrical connector assembly having locking means. 4,531,802, 7-30-85, Cl. 339-90.00R.

Tomsa, Vladimir, to Allied Corporation. Connector assembly and coupling ring. 4,534,607, 8-13-85, Cl. 339-89.00R.

Tomsa, Vladimir, to Allied Corporation. Electrical connector assembly having locking means. 4,542,952, 9-24-85, Cl. 339-90.00R.

Tomsu, David L.: *See—*
- Williams, V. Harold; and Tomsu, David L., 4,494,806, Cl. 312-333.000.

Tomsyck, John P.; and Zohn, Thomas J., to Minnesota Mining and Manufacturing Company. Video cassette time left gauge. 4,501,396, 2-26-85, Cl. 242-199.000.

Tomuro, Jinichi: *See—*
- Koyama, Syuntaro; Tomuro, Jinichi; Miyamoto, Tomohiko; Noguchi, Yoshiki; and Hishinuma, Yukio, 4,531,949, Cl. 48-202.000.

Tomuro, Noboru: *See—*
- Kashima, Masao; and Tomuro, Noboru, 4,522,927, Cl. 501-139.000.

Tomy Kogyo Company, Incorporated: *See—*
- Ajiro, Yutaka; and Kozuka, Michihiro, 4,519,788, Cl. 446-356.000.
- Hamano, Nobuo; and Matsumoto, Kazumi, 4,561,723, Cl. 350-331.00R.
- Hoshino, Shiro; and Nikaido, Teruo, 4,529,391, Cl. 446-356.000.
- Ikeda, Masaki, 4,541,813, Cl. 446-429.000.
- Iseki, Takeo; Nuttall, Michael W.; Spring, Gorden; and Weiland, Herbert, 4,529,207, Cl. 273-357.000.
- Kanno, Hideyuki, 4,504,056, Cl. 273-88.000.
- Katsumata, Fuyuki, 4,541,812, Cl. 446-91.000.
- Kobayashi, Nobuo, 4,522,409, Cl. 273-316.000.
- Kozuka, Michihiro; and Tonokura, Masayuki, 4,515,571, Cl. 446-90.000.
- Nikaido, Teruo, 4,555,237, Cl. 446-355.000.
- Tachibana, Tamotsu, 4,540,379, Cl. 446-448.000.
- Weiland, Herbert; Nuttall, Michael; and Kozuka, Michihiro, 4,553,947, Cl. 446-443.000.
- Yoneda, Yosuke, 4,530,672, Cl. 446-324.000.

Tomy Kogyo Kabushiki Kaisha: *See—*
- Itou, Susumu; Abe, Kishirou; and Kunou, Morishi, 4,561,275, Cl. 72-70.000.

Tomyn, Walter W., to Michigan Disposal, Inc. Apparatus for the treatment of waste sludge. 4,504,151, 3-12-85, Cl. 366-156.000.

Tonal S.a.S. di Furnari Giuseppe & C.: *See—*
- Furnari, Giuseppe, 4,502,216, Cl. 30-50.000.

Tonami, Munehiko: *See—*
- Takeuchi, Masato; Tobita, Hiroshi; Okabe, Sigeru; Okada, Hideo; and Tonami, Munehiko, 4,542,079, Cl. 429-39.000.

Tonan Kaihatsu Kogyo Co., Ltd.: *See—*
- Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,514,112, Cl. 405-269.000.
- Sano, Sakae; Kitajima, Hisashi; Iimori, Hiroshi; and Nishio, Tadashi, 4,545,702, Cl. 405-269.000.

Toncelli, Marcello; and Cado, Walter, to Breton S.p.A. Blade-carrying frame for machines for cutting marble, granite and hard stone. 4,559,920, 12-24-85, Cl. 125-17.000.

Tonda, Masao: *See—*
- Nakano, Yoshio; and Tonda, Masao, 4,528,262, Cl. 430-325.000.

Tondre, Stephen L.; and Lunk, Hans E., to Raychem Corporation. Electrical insulation. 4,521,485, 6-4-85, Cl. 428-383.000.

Tone, Junsuke: *See—*
- Celmer, Walter D.; Cullen, Walter P.; Watts, Paul C.; Shibakawa, Riichiro; and Tone, Junsuke, 4,496,546, Cl. 514-29.000.
- Celmer, Walter D.; Cullen, Walter P.; Shibakawa, Riichiro; and Tone, Junsuke, 4,533,553, Cl. 514-460.000.
- Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,543,334, Cl. 435-253.000.
- Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,547,523, Cl. 514-375.000.
- Celmer, Walter D.; Cullen, Walter P.; Maeda, Hiroshi; and Tone, Junsuke, 4,552,843, Cl. 435-76.000.

Tone, Masayuki; Yano, Tsutomu; and Saito, Koetsu, to Matsushita Electric Industrial Co., Ltd. Piezoelectric ultrasonic transducers having acoustic impedance-matching layers. 4,523,122, 6-11-85, Cl. 310-334.000.

Tone, Richard D. Archery arrow with freely rotational broad blade arrowhead to avoid windplaning. 4,534,568, 8-13-85, Cl. 273-421.000.

Tone, Syoichi; Deno, Koji; and Matsushima, Akio, to Murata Kikai Kabushiki Kaisha. Bunch winding device in winding machine. 4,496,108, 1-29-85, Cl. 242-18.0PW.

Tone, Syoiti; and Kubota, Norio, to Murata Kikai Kabushiki Kaisha. Doffing control system in automatic winder. 4,512,526, 4-23-85, Cl. 242-36.000.

Tonellato, Sylvain, to Fuller Company. Pressure relief device for pipes. 4,528,999, 7-16-85, Cl. 137-70.000.

Tonello, Marc, to Compagnie Europeenne de Teletransmission C.E.T.T. Process for protecting a remote monitoring system against sabotage and a system using this process. 4,536,748, 8-20-85, Cl. 340-506.000.

Toner, John L.; and Daniel, Daniel S., to Eastman Kodak Company. Sodium-selective compositions and electrodes containing same. 4,505,800, 3-19-85, Cl. 204-418.000.

Toner Tanker K.K.: *See—*
Shimamura, Hayato; and Maeda, Osamitsu, 4,550,751, Cl. 138-93.000.

Tong, Curtis M.: *See—*
Pedersen, David R.; and Tong, Curtis M., 4,523,464, Cl. 73-216.000.

Tong, David P. Process for the production of alginate fibre material and products made therefrom. 4,562,110, 12-31-85, Cl. 428-284.000.

Tong, Francis F.; and Vaughter, Harmon P., to Zenith Electronics Corporation. UHF RF amplifier and AGC system. 4,509,207, 4-2-85, Cl. 455-251.000.

Tong, Hua S., to Revere Copper and Brass Incorporated. Aluminum-manganese-tin alloys with improved pitting corrosion resistance. 4,499,050, 2-12-85, Cl. 420-528.000.

Tong, Hua S., to Revere Copper and Brass Incorporated. Pitting resistant aluminum alloys. 4,499,051, 2-12-85, Cl. 420-540.000.

Tong, Jerry E.: *See—*
Oison, Donald M.; Jackson, Norman L.; and Tong, Jerry E., 4,557,657, Cl. 414-180.000.

Tong, Mathias: *See—*
Boissel, Pierre; and Tong, Mathias, 4,508,967, Cl. 250-396.00R.

Tong, Po: *See—*
Berlekamp, Elwyn R.; and Tong, Po, 4,559,625, Cl. 371-2.000.

Tong-Shen, Hsieh. Automatic liquid-crystal light shutter. 4,491,390, 1-1-85, Cl. 350-331.00R.

Tong, Yit C.: *See—*
Patrick, James F.; Seligman, Peter; Tong, Yit C.; and Clark, Graeme M., 4,515,158, Cl. 128-419.00R.

Tong, Yulan C., to Dow Chemical Company, The. Certain phenoxy-pyridine-carbonitriles having antiviral activity. 4,558,134, 12-10-85, Cl. 514-344.000.

Tong, Yulan C.: *See—*
Markley, Lowell D.; Tong, Yulan C.; and Wood, Steven G., 4,505,929, Cl. 514-520.000.

Tongue, John R. Orthopedic surgery drill guide apparatus. 4,522,201, 6-11-85, Cl. 128-92.0EB.

Tonjes, Heinz: *See—*
Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, 4,495,351, Cl. 544-234.000.

Tonn, Jeffrey F.: *See—*
Peters, Rex B.; Tonn, Jeffrey F.; Malametz, Arnold; Hilliker, Richard A.; and Corey, Victor B., 4,517,841, Cl. 73-517.0AV.

Tonne, Peter: *See—*
Jaedicke, Hagen; and Tonne, Peter, 4,493,802, Cl. 260-507.00R.

Tonnel, Eugene: *See—*
Arnould, Jacques; and Tonnel, Eugene, 4,520,552, Cl. 29-571.000.

Tonneson, Ronald J.: *See—*
Morey, William A.; and Tonneson, Ronald J., 4,507,656, Cl. 340-739.000.

Tonnesson, Thorstein: *See—*
Wiik, Tore H.; Pettersen, Arild; and Tonnesson, Thorstein, 4,562,343, Cl. 235-382.500.

Tonniges, Heinz, to Deutsche Fibrit Gesellschaft Ebers & Dr. Muller mbH. Process for preparing flat articles based on defibrated components of wood. 4,525,321, 6-25-85, Cl. 264-517.000.

Tonnius, Dietrich; Weiss, Wolfgang; Orth, Winfried; Miele, Heinrich; and Pastorek, Emmerich, to Rutgerswerke Aktiengesellschaft. Method for the production of phenanthrenequinone. 4,510,090, 4-9-85, Cl. 260-396.00R.

Tonobayashi, Hidemi: *See—*
Sawai, Katsumi; Komon, Koichi; Matsuoka, Isamu; Tonobayashi, Hidemi; Fujimura, Masaaki; Ito, Shiro; and Seino, Shuichi, 4,527,507, Cl. 118-314.000.

Tonokawa, Hiroshi; and Nakamura, Masao, to Dow Chemical Company, The. Directional flexibilization of expanded thermoplastic foam sheet for low temperature insulation. 4,510,268, 4-9-85, Cl. 521-146.000.

Tonoki, Satoshi: *See—*
Hirobe, Kazushi; Tonoki, Satoshi; and Nishigaki, Masahiko, 4,493,913, Cl. 523-205.000.

Tonokura, Masayuki: *See—*
Kozuka, Michihiro; and Tonokura, Masayuki, 4,515,571, Cl. 446-90.000.

Tonomura, Akira: *See—*
Nomura, Setsuo; Tonomura, Akira; Hamamoto, Nobuo; and Fukuhara, Akira, 4,532,422, Cl. 250-306.000.

Tonomura, Shinji: *See—*
Kikumoto, Ryoji; Tobe, Akihiro; Tonomura, Shinji; and Ikoma, Hidenobu, 4,562,211, Cl. 514-646.000.

Tonomura, Yoshinobu: *See—*
Miyamoto, Koichi; and Tonomura, Yoshinobu, 4,501,490, Cl. 355-55.000.
Takenoya, Hideaki; Fujimura, Toshiro; Hara, Masanori; and Tonomura, Yoshinobu, 4,522,137, Cl. 112-266.100.

Tonon, Giancarlo: *See—*
Giani, Roberto; Parini, Ettore; and Tonon, Giancarlo, 4,556,653, Cl. 514-220.000.

Tonouchi, Akira: *See—*
Hara, Tomihiro; Adaniya, Takeshi; and Tonouchi, Akira, 4,519,878, Cl. 204-28.000.
Miwa, Hiroshi; Kaneko, Toshio; Tonouchi, Akira; and Anan, Tatsuro, 4,505,785, Cl. 204-28.000.

Tontarelli, Sergio. Cap for the temporary hermetic closure of cylindrical tin cans with pull-off opening tab. 4,511,057, 4-16-85, Cl. 220-306.000.

Tonus, Egidio L., to California Artichoke and Vegetable Growers Corp. Product tying machine. 4,561,234, 12-31-85, Cl. 53-399.000.

Toohey, William J.: *See—*
Franco-Ferreira, Edgard A.; and Toohey, William J., 4,547,653, Cl. 219-124.340.

Tooka, Takuzo, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Apparatus for sliver can controlling in a spinning mill. 4,537,018, 8-27-85, Cl. 57-90.000.

Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Pre-opening device for a carding machine. 4,542,560, 9-24-85, Cl. 19-98.000.

Toole, James: *See—*
Stansfield, James F.; Toole, James; and Topham, Arthur, 4,518,435, Cl. 106-308.00N.

Tooley, Mark A.: *See—*
Corrie, John D.; and Tooley, Mark A., 4,494,717, Cl. 246-28.00F.

Toolmark Co.: *See—*
Holdahl, Robert A., 4,491,162, Cl. 142-7.000.

Toombs, Chauncey E. Lubricating oil salvaging block assembly. 4,499,969, 2-19-85, Cl. 184-106.000.

Toomey, Robert D.: *See—*
Neelameggham, Ramaswami; Priscu, John C.; and Toomey, Robert D., 4,510,029, Cl. 204-130.000.

Toon, John J. Process for blending fibers and textiles obtained from the fiber blends. 4,519,201, 5-28-85, Cl. 57-252.000.

Toon, Michael B., to Mobil Oil Corporation. Gas chromatograph for researching a sample into pure components. 4,536,199, 8-20-85, Cl. 55-67.000.

Toor, Yair: *See—*
George, Harvey F.; and Toor, Yair, 4,504,354, Cl. 156-639.000.

Tooson, Ronald: *See—*
Maher, Robert J.; and Tooson, Ronald, 4,551,016, Cl. 355-91.000.

Toothaker, David L., to Tweco Products, Inc. Welding conduit stop. 4,554,433, 11-19-85, Cl. 219-137.630.

Tooyama, Hiroshi: *See—*
Horikoshi, Tatsuo; Yonezawa, Seiji; Tsuyoshi, Toshiaki; Tooyama, Hiroshi; and Otake, Masatoshi, 4,541,082, Cl. 369-44.000.

Top-Scor Products, Inc.: *See—*
Forsythe, Curtis J., 4,544,569, Cl. 426-653.000.

Topalian, Harry: *See—*
Rispoli, Joseph M.; Rogers, Morris A.; Sergenian, Haig H.; Swartley, John S.; and Topalian, Harry, 4,496,601, Cl. 426-554.000.

Topalian, Joan A.; and Izen, Ronald L. Support for a premature infant. 4,516,282, 5-14-85, Cl. 5-72.000.

Topert, Michael: *See—*
Daum, Joachim; Siewert, Gerhard; Topert, Michael; and Seliger, Hartmut, 4,543,329, Cl. 435-69.000.

Topfl, Rosemarie: *See—*
Abel, Heinz; and Topfl, Rosemarie, 4,559,162, Cl. 252-321.000.

Topfl, Werner: *See—*
Kristinsson, Haukur; and Topfl, Werner, 4,521,597, Cl. 544-3.000.
Maier, Ludwig; Meyer, Willy; Oertle, Konrad; Roloff, Achim; and Topfl, Werner, 4,559,078, Cl. 71-87.000.
Meyer, Willy; Fory, Werner; and Topfl, Werner, 4,518,776, Cl. 544-206.000.
Meyer, Willy; Gass, Karl; Topfl, Werner; Schurter, Rolf; and Pissiotas, Georg, 4,551,531, Cl. 544-320.000.
Meyer, Willy; Topfl, Werner; Kristinsson, Haukur; and Eckhardt, Wolfgang, 4,562,210, Cl. 514-604.000.

Topham, Arthur: *See—*
Stansfield, James F.; Toole, James; and Topham, Arthur, 4,518,435, Cl. 106-308.00N.

Topholm, Christian, to Topholm & Westermann I/S. In-the-ear hearing aid. 4,550,227, 10-29-85, Cl. 179-107.00E.

Topholm & Westermann I/S: *See—*
Topholm, Christian, 4,550,227, Cl. 179-107.00E.

Topic, Nicola: *See—*
Molzer, Peter; Pollner, Jurgen; Topic, Nicola; Trummer, Gregor; and Zurek, Rudolf, 4,512,560, Cl. 269-20.000.

Topinka, George F., to Carter Controls, Inc. Hydraulically actuated pump. 4,514,148, 4-30-85, Cl. 417-403.000.

Topits, John. Push peg game apparatus. 4,535,993, 8-20-85, Cl. 273-241.000.

Toplak, Ernst: *See—*
Gillhaus, Horst; Hegewaldt, Fritz; Faber, Wolfgang; Baer, Jurgen; and Toplak, Ernst, 4,518,352, Cl. 432-199.000.

Topliffe, Douglas A.: *See—*
Funke, Michael J.; Topliffe, Douglas A.; and Rathbun, Donald J., 4,534,044, Cl. 375-120.000.

Topline Automotive Engineering Inc.: *See—*
Miller, Thomas J., 4,524,734, Cl. 123-196.00S.

Topliss, John G.: *See—*
Sircar, Ila; Cain, Michael H.; and Topliss, John G., 4,508,718, Cl. 514-238.000.

Topol, Peter; and Slater, Michael, to Safety Intelligence Systems. Intelligent fire safety system. 4,531,114, 7-23-85, Cl. 340-539.000.

- Topp-Jorgensen, Jorgen, to Haldor Topsoe A/S. Process for the preparation of catalysts for use in ether synthesis. 4,536,485, 8-20-85, Cl. 502-62.000.
- Toppan Printing Co., Ltd.: *See—*
  - Igarashi, Makoto; Kumagami, Naoki; and Okano, Kiichiro, 4,553,079, Cl. 318-626.000.
  - Iwasawa, Nobuyuki; and Kazato, Keiji, 4,497,856, Cl. 428-35.000.
  - Kitajima, Nobuyuki; Tachibana, Yoshinori; Muraki, Asashi; and Kuzuoka, Shinichi, 4,521,355, Cl. 264-60.000.
  - Masuda, Toshiro; and Tanaka, Yoichi, 4,553,215, Cl. 364-525.000.
- Topper International Enterprises: *See—*
  - Kinney, Roger D.; and Federowicz, Raymond J., 4,519,409, Cl. 135-88.000.
- Topper, Robert J.: *See—*
  - Dischert, Robert A.; and Topper, Robert J., 4,499,494, Cl. 358-164.000.
- Topperwien, Bernd; and Krause, Lothar, to Maschinenfabrik Goebel GmbH. Perforating device. 4,548,113, 10-22-85, Cl. 83-345.000.
- Topping, Donald G. Mounting means for bow stabilizers. 4,553,522, 11-19-85, Cl. 124-89.000.
- Topping, Joseph R.; and Jones, John D., to British Aerospace Public Limited Company. Teaching robots. 4,506,448, 3-26-85, Cl. 33-185.00R.
- Topping, Terry M.: *See—*
  - Fischer, Robert L.; Pulcrano, Frank C.; Coldiron, Lee C.; Topping, Terry M.; Potter, J. H.; and Owens, Robert H., 4,557,661, Cl. 414-730.000.
- Topps Chewing Gum, Incorporated: *See—*
  - Samala, Fred, 4,526,790, Cl. 426-5.000.
- Topre Corporation: *See—*
  - Ichikawa, Isamu; Fukushi, Yutaka; Kamata, Keiji; and Suzuki, Hikoshiro, 4,553,696, Cl. 236-49.000.
  - Nishizawa, Toshio; Kamata, Keiji; Nonomura, Osamu; and Fukushi, Yutaka, 4,491,061, Cl. 98-34.600.
- Tops, Martinus J.: *See—*
  - Van Rooy, Henricus J.; and Tops, Martinus J., 4,520,291, Cl. 313-365.000.
- Topy Industries Limited: *See—*
  - Osawa, Shigeru, 4,530,387, Cl. 152-410.000.
  - Osawa, Shigeru; and Yamoto, Hisayoshi, 4,554,961, Cl. 152-410.000.
- Toraason, Clifford M., Jr.: *See—*
  - Sargisson, Donald F.; and Toraason, Clifford M., Jr., 4,556,366, Cl. 416-155.000.
- Toraichi, Kazuo; Otsu, Nobuyuki; and Suzuki, Motomu, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Medical image processor. 4,538,227, 8-27-85, Cl. 364-414.000.
- Toratani, Hisayoshi: *See—*
  - Nakajima, Sadahiro; Kanamori, Chiemi; and Toratani, Hisayoshi, 4,547,402, Cl. 427-169.000.
- Toray Industries, Inc.: *See—*
  - Abe, Koichi; Kawakami, Kenichi; Yoshii, Toshiya; and Inoue, Toshihide, 4,539,260, Cl. 428-336.000.
  - Adachi, Yasuo; and Nabae, Kiyoyuki, 4,496,631, Cl. 428-394.000.
  - Arita, Yosihumi; Murakami, Yukihiro; and Yuasa, Miyabi, 4,545,762, Cl. 432-59.000.
  - Arita, Yosihumi; Katsuki, Kosuke; and Tabuchi, Sadao, 4,561,601, Cl. 242-35.50R.
  - Chiba, Kazumasa; Kobayashi, Kazuhiko; and Susuki, Tosaku, 4,507,465, Cl. 528-312.000.
  - Gotah, Eizo; Tomishima, Takeshi; Tsutsumi, Tadao; and Komuro, Yoshiyuki, 4,546,171, Cl. 528-310.000.
  - Higuchi, Akira; and Okamoto, Miyoshi, 4,525,169, Cl. 8-485.000.
  - Hiramoto, Hiroo; and Eguchi, Masuichi, 4,547,455, Cl. 430-325.000.
  - Hosoi, Kazuo; and Ozawa, Hitoshi, 4,541,952, Cl. 260-112.00R.
  - Inoue, Takehisa; and Miwa, Kishio, 4,515,605, Cl. 55-26.000.
  - Inoue, Toshihide; and Komatsu, Hideo, 4,531,009, Cl. 560-65.000.
  - Iwayama, Kazuyoshi; Kamano, Takao; Tada, Kuniyuki; and Inoue, Takehisa, 4,511,547, Cl. 423-329.000.
  - Kadoi, Sho; and Aya, Toshihiko, 4,539,392, Cl. 528-336.000.
  - Kajita, Koji; Nakayama, Takashi; and Yamagata, Seiichi, 4,509,321, Cl. 57-328.000.
  - Kamaishi, Tadami; and Kitagawa, Takao, 4,500,587, Cl. 428-204.000.
  - Kataoka, Mutsuo, 4,518,675, Cl. 430-256.000.
  - Kato, Hiroyasu; Yagi, Kenkichi; and Okamoto, Miyoshi, 4,519,804, Cl. 8-485.000.
  - Katsuki, Kosuke; Nishioka, Youiti; and Nomura, Susumu, 4,521,931, Cl. 8-149.200.
  - Katsuki, Kosuke; and Murakami, Yukihiro, 4,559,010, Cl. 432-59.000.
  - Kawabe, Norio; Tsuda, Mikio; and Kobashi, Sadao, 4,496,647, Cl. 430-303.000.
  - Kitamura, Kazuo; and Suezawa, Mitsuru, 4,551,516, Cl. 528-18.000.
  - Koebisu, Mamoru; Shinzawa, Masayuki; and Murakami, Masatsugi, 4,522,887, Cl. 428-461.000.
  - Komatsu, Hideo; Harada, Hiroyuki; and Matsuki, Tomiji, 4,555,542, Cl. 524-178.000.
  - Kurihara, Masaru; Watanabe, Tetsuo; and Inoue, Tetsuo, 4,557,949, Cl. 427-244.000.
  - Matsumoto, Tadayuki; Imaeda, Kozo; Mineo, Masatoshi; and Nakagawa, Kiyoshi, 4,557,026, Cl. 28-258.000.
  - Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, 4,497,865, Cl. 428-336.000.
  - Minami, Satoyuki; Tanaka, Kazuhiro; and Nishioka, Takeshi, 4,546,030, Cl. 428-220.000.
  - Miura, Yasuki; Motegi, Masahiko; and Okabe, Kazuo, 4,508,782, Cl. 428-409.000.
  - Miyoshi, Takehiko; Matsumoto, Tadayuki; and Sano, Keizo, 4,526,738, Cl. 264-176.00F.
  - Murakami, Yukihiro; Murakami, Shigeomi; and Maeda, Katsunosuke, 4,523,321, Cl. 373-110.000.
  - Naka, Yasushi; and Kawakami, Kiyoshi, 4,560,611, Cl. 428-266.000.
  - Nakayama, Takashi; Kajita, Kohji; and Yamagata, Selichi, 4,495,761, Cl. 57-328.000.
  - Negishi, Takao; and Kojima, Teiryo, 4,513,565, Cl. 57-236.000.
  - Negishi, Takao; Kojima, Teiryo; and Tomiita, Kazuo, 4,523,428, Cl. 57-288.000.
  - Nishioka, Takeshi; Nakamura, Akira; and Yabe, Kenji, 4,542,164, Cl. 521-135.000.
  - Ohuchi, Shigehiro; and Kataoka, Masao, 4,522,868, Cl. 428-224.000.
  - Oka, Ken-ichiro; Mineo, Masatoshi; and Ono, Terumichi, 4,517,149, Cl. 264-210.800.
  - Okamoto, Miyoshi, 4,496,619, Cl. 428-224.000.
  - Okamoto, Miyoshi; Iijima, Hiromichi; and Miyoshi, Akito, 4,557,972, Cl. 428-373.000.
  - Ono, Masaaki; Motegi, Masahiko; and Okabe, Kazuo, 4,548,855, Cl. 428-147.000.
  - Ono, Masaaki; Miura, Yasuki; Motegi, Masahiko; and Okabe, Kazuo, 4,550,049, Cl. 428-141.000.
  - Otaki, Toshihiro; Nagata, Ryuichi; and Yoshii, Toshiya, 4,561,724, Cl. 350-334.000.
  - Saito, Isoo; Fujioka, Kotaro; Arai, Hajime; and Saruyama, Hideo, 4,491,657, Cl. 528-308.100.
  - Sakai, Masaaki; Sato, Kenji; and Yamagata, Seiichi, 4,546,020, Cl. 428-16.000.
  - Sato, Tadahide; Tobukuro, Kuniaki; Sugimoto, Tosio; and Kanayama, Kaoru, 4,532,308, Cl. 525-482.000.
  - Sumida, Atsushi; Ozaki, Keiichiro; and Watanabe, Shizuo, 4,517,169, Cl. 423-447.400.
  - Sumida, Atsushi; and Watanabe, Shizuo, 4,555,446, Cl. 428-367.000.
  - Tanaka, Kazuhiro; Kawakami, Ken-ichi; and Yoshii, Toshiya, 4,514,452, Cl. 428-141.000.
  - Tanaka, Masayuki; Morioka, Katsuharu; and Kishimoto, Akihiko, 4,543,390, Cl. 525-63.000.
  - Tatematsu, Hiroyuki; Kusakabe, Haruhiko; Takaki, Masamitsu; Kojima, Gendai; and Miyamoto, Sigeru, 4,531,555, Cl. 139-429.000.
  - Torigata, Hajime; Sumida, Atsushi; and Matsubara, Nobuyuki, 4,552,743, Cl. 423-447.700.
  - Uemura, Tadahiro; and Kurihara, Masaru, 4,559,139, Cl. 210-490.000.
  - Yamane, Toshihiro; Ohashi, Kenzi; and Sakaguchi, Toshiharu, 4,525,297, Cl. 252-511.000.
  - Yasuhara, Yutaka; Nishino, Masaki; and Matsuhisa, Seikichi 4,508,918, Cl. 560-241.000.
  - Yokota, Mitsuru; Fujioka, Shuji; Goshima, Tsutomu; Kenjo, Hideki; and Komaki, Kazushige, 4,548,983, Cl. 524-726.000.
  - Yoshida, Shusuke; Nakajima, Tamotsu; and Okamoto, Miyoshi, 4,517,715, Cl. 28-144.000.
  - Yoshinaga, Minoru; and Sumida, Atsushi, 4,496,671, Cl. 523-206.000.
  - Yoshinaga, Minoru; Matsubara, Nobuyuki; and Yamamoto, Ryuichi, 4,534,920, Cl. 264-29.200.
  - Yoshinaga, Minoru; and Matsubara, Nobuyuki, 4,544,113, Cl. 242-178.000.
- Toray Silicone Company, Ltd.: *See—*
  - Fukano, Yoshimasa; and Wada, Susumu, 4,529,711, Cl. 436-177.000.
  - Fukayama, Miyoji; and Ichijo, Chikara, 4,515,834, Cl. 427-387.000.
  - Hamada, Mitsuo; and Yasuda, Sadami, 4,534,815, Cl. 156-307.500.
  - Harashima, Asao; Nakamura, Takashi; and Kishimoto, Keiichi, 4,517,150, Cl. 264-300.000.
  - Kadono, Motoaki; and Tamura, Shingo, 4,514,446, Cl. 428-35.000.
  - Kadono, Motoaki, 4,545,506, Cl. 222-95.000.
  - Kageyama, Katsuaki; and Adachi, Ysushi, 4,518,244, Cl. 355-3.0FU.
  - Kobayashi, Hideki; and Hamada, Mitsuo, 4,500,447, Cl. 252-511.000.
  - Kobayashi, Hideki, 4,505,848, Cl. 252-511.000.
  - Kondo, Hidetoshi; and Koshii, Taro, 4,535,109, Cl. 524-188.000.
  - Koshii, Taro; and Yamashita, Mitsugu, 4,492,775, Cl. 521-77.000.
  - Mikami, Ryuzo; and Saruyama, Toshio, 4,552,919, Cl. 524-860.000.
  - Mine, Katsutoshi; Suzuki, Toshio; and Hanada, Tsuneo, 4,517,238, Cl. 428-212.000.
  - Ona, Isao; and Ozaki, Masaru, 4,541,936, Cl. 252-8.600.
  - Ona, Isao; Ozaki, Masaru; and Usui, Katsutoshi, 4,557,887, Cl. 264-216.000.
  - Ryuzo, Mikami; and Nakasuji, Katsuyoshi, 4,546,018, Cl. 427-407.200.
  - Saruyama, Toshio; and Mikami, Ryuzo, 4,555,560, Cl. 528-17.000.
  - Sasaki, Shosaku; and Kaiya, Nobuo, 4,535,123, Cl. 524-862.000.
  - Sasaki, Shosaku; Kaiya, Nobuo; and Shirahata, Akihiko, 4,559,396, Cl. 528-15.000.
  - Shinmi, Hideo; and Kubota, Yoshitaka, 4,530,868, Cl. 428-57.000.
  - Suzuki, Toshio, 4,560,711, Cl. 523-212.000.
- Torazzina, Aldo: *See—*
  - Palara, Sergio; and Torazzina, Aldo, 4,555,674, Cl. 330-267.000.
- Torbeck, Daniel J., to Monarch Marking Systems, Inc. Hand-held electrically selectable labeler. 4,556,442, 12-3-85, Cl. 156-350.000.

Torbin, Sergei N.: *See—*
Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.
Torborg, Ralph H.: *See—*
Dietiker, Paul; Olson, Elwyn H.; and Torborg, Ralph H., 4,547,144, Cl. 431-20.000.
Torbov, Tsvetan I.; Offen, George R.; and Denike, Stuart K., to Acurex Corp. Method for reduction of sulfur products in the exhaust gases of a combustion chamber. 4,555,996, 12-3-85, Cl. 110-345.000.
Torbus, Marek, to Huttenes-Albertus Chemische Werke GmbH. Mould material binding agent system which cold-hardens with formation of polyurethane. 4,558,074, 12-10-85, Cl. 523-142.000.
Torbus, Marek A.; and Vujevic, Aleksandar, to Huettenes-Albertus Chemische Werke GmbH. Bonding agent cold-hardening under the formation of polyurethane for molded parts, its manufacture and its application. 4,507,408, 3-26-85, Cl. 523-143.000.
Torchet, Bernard: *See—*
Delmulle, Jean P.; and Torchet, Bernard, 4,546,645, Cl. 73-74.000.
Torelli, Guido: *See—*
Devecchi, Daniele; and Torelli, Guido, 4,555,644, Cl. 307-482.000.
Torelli, Vesperto: *See—*
Teutsch, Jean-Georges; Torelli, Vesperto; Deraedt, Roger; and Philibert, Daniel, 4,547,493, Cl. 514-179.000.
Torenbeek, Reinder, to Akzo N.V. Aqueous emulsion of tertiary butyl hydroperoxide. 4,547,308, 10-15-85, Cl. 252-186.260.
Torftech Limited: *See—*
Dodson, Christopher E., 4,559,719, Cl. 34-10.000.
Torgersen, Robert H., to Automation Industries, Inc. Sonic water jet nozzle. 4,546,920, 10-15-85, Cl. 239-102.000.
Torggler, Norbert; and Franz, Dietmar, to Siemens Aktiengesellschaft. Method for emitting additional information in conjunction with message signals to be transmitted over a data switching center. 4,497,976, 2-5-85, Cl. 178-3.000.
Torick, Emil L., to CBS Inc. Triphonic sound system. 4,516,257, 5-7-85, Cl. 381-4.000.
Torigai, Akiyoshi: *See—*
Tokuhara, Mitsuhiro; Torigai, Akiyoshi; and Morikawa, Teruo, 4,497,573, Cl. 355-58.000.
Torigai, Katsumi; and Oka, Akio, to Sanshin Kogyo Kabushiki Kaisha. Mixture-warming device for a two-stroke internal combustion engine using a lower quality fuel. 4,543,921, 10-1-85, Cl. 123-73.00A.
Torigata, Hajime; Sumida, Atsushi; and Matsubara, Nobuyuki, to Toray Industries, Inc. Process for producing carbon fiber. 4,552,743, 11-12-85, Cl. 423-447.700.
Torigoe, Masaaki: *See—*
Ohmura, Kunioki; Torigoe, Masaaki; Itoh, Isamu; and Hayashi, Katsumi, 4,500,632, Cl. 430-428.000.
Torigoe, Taisuke: *See—*
Fujiwara, Mitsuru; and Torigoe, Taisuke, 4,560,333, Cl. 418-180.000.
Torii, Akio: *See—*
Edamura, Kohji; Torii, Akio; Hattori, Katsuhide; and Sakai, Hiroshi, 4,543,136, Cl. 149-21.000.
Edamura, Koji; Torii, Akio; Sato, Kazuyuki; and Sakai, Hiroshi, 4,543,137, Cl. 149-21.000.
Torii & Co. Ltd.: *See—*
Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Nunomura, Shigeki; Sakurai, Yojiro; and Okutome, Toshiyuki, 4,496,584, Cl. 514-510.000.
Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Sakurai, Yojiro; Nunomura, Shigeki; and Okutome, Toshiyuki, 4,514,416, Cl. 549-442.000.
Fujii, Setsuro; Okutome, Toshiyuki; Nakayama, Toyoo; Yaegashi, Takashi; and Kurumi, Masateru, 4,532,255, Cl. 514-466.000.
Torii, Kuniyoshi; and Egma, Chikashi, to Shiraimatsu Shinyaku Company Ltd. Deodorant compositions. 4,501,730, 2-26-85, Cl. 424-76.000.
Torii, Masahiro: *See—*
Tabata, Junichi; Torii, Masahiro; Oikawa, Hiroshi; Sawada, Minoru; and Masui, Yasuyuki, 4,513,753, Cl. 128-706.000.
Torii, Masakatsu, to Saitama Kako Co., Ltd. Spring type leg exercising device. 4,522,392, 6-11-85, Cl. 272-142.000.
Torii, Michiaki: *See—*
Hirooka, Seiji; and Torii, Michiaki, 4,507,516, Cl. 585-14.000.
Torii, Michihiro; Kosaka, Tomoyoshi; Maeda, Takeo; and Rikukawa, Hiroshi, to Fuji Electrochemical Co., Ltd. Low temperature sinterable oxide magnetic material. 4,540,500, 9-10-85, Cl. 252-62.580.
Torii, Nobutoshi; and Nihei, Ryo, to Fanuc Ltd. Automatic hand changing device for industrial robots. 4,549,846, 10-29-85, Cl. 414-729.000.
Torii, Nobutoshi: *See—*
Inaba, Hajimu; and Torii, Nobutoshi, 4,492,301, Cl. 198-472.000.
Inaba, Hajimu; Sakakibara, Shinsuke; Inagaki, Shigemi; and Torii, Nobutoshi, 4,495,453, Cl. 318-568.000.
Nakashima, Seiichiro; Torii, Nobutoshi; and Hamura, Masayuki, 4,557,660, Cl. 414-730.000.
Torii, Shigeyoshi: *See—*
Kawakami, Hiroshi; and Torii, Shigeyoshi, 4,553,186, Cl. 360-130.210.
Torii, Shuichi: *See—*
Takagi, Katsuaki; Kita, Yuzo; Hagiwara, Yoshimune; Torii, Shuichi; and Ogawa, Kazuyoshi, 4,562,424, Cl. 340-347.0NT.
Torii, Shunichi: *See—*
Nagashima, Shigeo; Torii, Shunichi; Omoda, Koichiro; and Inagami, Yasuhiro, 4,541,046, Cl. 364-200.000.
Omoda, Koichiro; Inagami, Yasuhiro; Torii, Shunichi; and Nagashima, Shigeo, 4,525,796, Cl. 364-730.000.
Torii, Sigeru; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; Saito, Norio; and Sasaoka, Michio, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Process for preparing 3-exo-methylenecepham derivatives. 4,499,265, 2-12-85, Cl. 544-16.000.
Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, to Otsuka Kagaku Yakuhin Kabushiki Kaisha. Thiazolineazetidinone-type compounds. 4,532,077, 7-30-85, Cl. 260-245.400.
Torii, Yoshihiko; and Tochikubo, Osamu, to Kabushiki Kaisha Vine. Device for measuring a whole day urinary output. 4,519,248, 5-28-85, Cl. 73-223.000.
Torikata, Akio: *See—*
Haneishi, Tatsuo; Okazaki, Takao; Torikata, Akio; Nakajima, Mutsuo; Enokita, Ryuzou; Katayama, Toshiaki; and Iwado, Seigo, 4,557,933, Cl. 424-118.000.
Torimoto, Koichi, to Mitsubishi Denki Kabushiki Kaisha. Combustion apparatus for vehicle. 4,557,108, 12-10-85, Cl. 60-286.000.
Torin Corporation: *See—*
Lampietti, Bernard P., 4,520,644, Cl. 72-131.000.
Torino, Albert L.: *See—*
Gupta, Omkarnath R.; and Torino, Albert L., 4,529,237, Cl. 294-86.400.
Torino, Arthur J., Jr.; Bouchard, George A.; and Keane, Philip A., to Raytheon Company. Method of producing velocity-aided range gates. 4,499,466, 2-12-85, Cl. 343-7.300.
Torisawa, Yoshihiro: *See—*
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Tsuge, Takeyoshi; Torisawa, Yoshihiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,469, Cl. 400-119.000.
Torisawa, Yoshiro: *See—*
Tsuge, Takeyoshi; Torisawa, Yoshiro; Makino, Ayumu; and Kimura, Tsutomu, deceased, 4,552,472, Cl. 400-124.000.
Torisu, Yoshio: *See—*
Sakurai, Shigenori; Kamo, Takashi; Furutani, Toshinobu; Kimura, Shirou; Torisu, Yoshio; and Okazaki, Mari, 4,514,277, Cl. 204-424.000.
Toriuchi, Masaharu; and Ono, Shigetoshi, to Fuji Photo Film Co., Ltd. Color photographic light-sensitive material. 4,560,645, 12-24-85, Cl. 430-562.000.
Toriuchi, Masaharu: *See—*
Koyama, Koichi; Noguchi, Yasuhiro; and Toriuchi, Masaharu, 4,551,423, Cl. 430-559.000.
Toriumi, Akihiko: *See—*
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Toriyabe, Tetsuo; Ooya, Kunihiko; Nogami, Akira; and Sugawara, Kazunori, to Hokkai Can Co., Ltd. Process for distributing disks and apparatus therefor. 4,531,626, 7-30-85, Cl. 198-347.000.
Toriyama, Shigehiro: *See—*
Ueda, Sachio; Toriyama, Shigehiro; and Matsushita, Yuichi, 4,524,402, Cl. 360-130.240.
Torizuka, Hideki; Soejima, Tomohide; and Hori, Shigekazu, to Tokyo Shibaura Denki Kabushiki Kaisha. FET oscillator exhibiting negative resistance due to high impedance at the source of an FET thereof. 4,547,750, 10-15-85, Cl. 331-99.000.
Torizuka, Keizi, to Diesel Kiki Co., Ltd. Fuel injection pump for internal combustion engines, free from erosion of the pump housing. 4,494,513, 1-22-85, Cl. 123-495.000.
Torizuka, Keizi, to Diesel Kiki Co., Ltd. In-line type fuel injection pump for internal combustion engines. 4,530,335, 7-23-85, Cl. 123-495.000.
Tork, Leo: *See—*
Kolb, Gunter, deceased; Tork, Leo; and Hohne, Wolfgang, 4,510,302, Cl. 526-264.000.
Torkelson, John; and Sanders, Weldon A., Jr., to BancTec, Incorporated. Video data compression system and method. 4,536,801, 8-20-85, Cl. 358-280.000.
Torkelson, John: *See—*
LeBrun, Thomas Q.; Torkelson, John; Dempster, Roy E.; and Van Tyne, Richard G., 4,510,619, Cl. 382-57.000.
Torley, Jozsef: *See—*
Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,504,481, Cl. 514-255.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,510,338, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, 4,551,465, Cl. 514-317.000.
Tornblom, Lars: *See—*
Ode, Bengt; and Tornblom, Lars, 4,500,261, Cl. 417-203.000.
Torneman, Bjorn, to IPS Interproject Service AB. Apparatus for gasification of carbon. 4,496,369, 1-29-85, Cl. 48-92.000.
Torneng, Eyvin: *See—*
Hansen, Helge; Nystrom, Borje; and Torneng, Eyvin, 4,534,976, Cl. 514-169.000.

- Torning, Ralph R., to Safeway Products Inc. Heating shelf. 4,517,446, 5-14-85, Cl. 219-386.000.
- Tornqvist, Nils-Erik: *See—*
  - Edebo, Lars B.; Swede, Harald G.; and Tornqvist, Nils-Erik, 4,503,873, Cl. 134-104.000.
- Toro Company, The: *See—*
  - Doup, Leonard W., 4,506,702, Cl. 137-624.200.
  - Horner, Herbert F., Jr.; Zenner, Michael M.; Nowack, Daniel P.; and Christopherson, Herman P., 4,558,558, Cl. 56-11.300.
  - Hunter, Edwin J., 4,501,391, Cl. 239-97.000.
  - Oberg, Gary R., 4,524,515, Cl. 30-276.000.
  - Scott, Loren W., 4,526,198, Cl. 137-624.200.
- Toro, Henry D.; and Valle, Erick. Cooler assembly. 4,531,381, 7-30-85, Cl. 62-372.000.
- Torobin, Leonard B. Producing metal and metal glass microfilaments. 4,525,314, 6-25-85, Cl. 264-9.000.
- Torobin, Leonard B. Method for producing plastic microfilaments. 4,536,361, 8-20-85, Cl. 264-167.000.
- Torobin, Leonard B. Solar collector comprising transparent hollow plastic microspheres as insulation material. 4,548,196, 10-22-85, Cl. 126-443.000.
- Toroid Transformator AB: *See—*
  - Waldemar, Anders, 4,551,700, Cl. 336-192.000.
- Toronto General Burying Grounds, The Trustees of the: *See—*
  - Sheppard, Roy J. P.; Thornhill, Howard S.; and Francis, Mark S., 4,497,608, Cl. 414-726.000.
- Toropov, Anatoly A.: *See—*
  - Toropov, Gennady A.; Shamenko, Stepan P.; Didyk, Rostislav P.; and Toropov, Anatoly A., 4,491,002, Cl. 72-118.000.
- Toropov, Gennady A.; Shamenko, Stepan P.; Didyk, Rostislav P.; and Toropov, Anatoly A. Method for forming on workpiece resilient thread having closed helical cavity inside the thread. 4,491,002, 1-1-85, Cl. 72-118.000.
- Toropov, Gennady A.; and Shamenko, Stepan P. Thread-rolling tool. 4,498,322, 2-12-85, Cl. 72-118.000.
- Torr, Terry A.: *See—*
  - Fedak, John F.; Findley, Gerald I.; and Torr, Terry A., 4,555,802, Cl. 382-56.000.
- Torrance, Donald M., to Torrance, Donald MacNeil; and Barbour, Mathew. Liquid transfer device. 4,545,145, 10-8-85, Cl. 47-48.500.
- Torrance, Donald MacNeil: *See—*
  - Torrance, Donald M., 4,545,145, Cl. 47-48.500.
- Torras, Robert M., to Kut-Kwick Corporation. Self-leveling vehicle seat mount. 4,515,337, 5-7-85, Cl. 248-371.000.
- Torras, Robert M., to Kut-Kwick Corporation. Slope mower. 4,515,392, 5-7-85, Cl. 280-755.000.
- Torre, Francesco. Machine for packaging products in heat-shrinkable film. 4,555,895, 12-3-85, Cl. 53-557.000.
- Torremans, Joseph L. G.: *See—*
  - Janssens, Frans E.; Torremans, Joseph L. G.; Hens, Jozef F.; and Van Offenwert, Theophilus T. J. M., 4,556,660, Cl. 514-272.000.
- Torrence, Paul F.; Johnston, Margaret I.; and Imai, Jiro, to United States of America, Health and Human Services. 2′,5′-riboadenylate-morpholinoadenylate nucleotides. 4,515,781, 5-7-85, Cl. 514-46.000.
- Torrence, Robert J.: *See—*
  - Orth, Charles D.; and Torrence, Robert J., 4,542,852, Cl. 236-92.00B.
- Torres, Anibal: *See—*
  - Stephens, Charles R., Jr.; and Torres, Anibal, 4,536,396, Cl. 514-2.000.
- Torres, John R.; and Albano, Rocco V., to United Technologies Corporation. Power loss analyzer circuit. 4,531,214, 7-23-85, Cl. 371-66.000.
- Torretta, Roberto: *See—*
  - Ruscitti, Tomaso; Albini, Giovanni; Torretta, Roberto; and Incerti Baldi, Andrea, 4,511,064, Cl. 222-153.000.
- Torri, G., to Dragerwerk Aktiengesellschaft. Anesthetic respiratory system. 4,552,141, 11-12-85, Cl. 128-205.120.
- Torrington Company, The: *See—*
  - Condon, Charles E., Jr.; and Malik, J. Peter, 4,512,673, Cl. 384-569.000.
  - Cuozzo, Anthony; and Achee, John D., 4,523,362, Cl. 29-148.40A.
  - De Bisschop, James; Neri, Anthony A.; and Williams, Thomas J., 4,535,645, Cl. 74-492.000.
  - Linnemeier, Elmer H., 4,512,209, Cl. 74-492.000.
  - McGuffie, Michael J., 4,533,263, Cl. 384-454.000.
  - Pastor, William, 4,498,888, Cl. 464-112.000.
  - Stella, Leo, 4,523,861, Cl. 384-475.000.
- Torrini, Franco, to Torrini G. S.p.A. Button-cover. 4,539,731, 9-10-85, Cl. 24-92.000.
- Torrini G. S.p.A.: *See—*
  - Torrini, Franco, 4,539,731, Cl. 24-92.000.
- Tort O., Alejandro, to F.I.P., S.A. De C.V. Expanding gate valve. 4,531,710, 7-30-85, Cl. 251-167.000.
- Torterotot, Roland, to Pak Pro International, N.V. Device for sterilizing a thermoplastic strip used for the hot-forming of sterile containers and sterile packaging installation using the device. 4,512,133, 4-23-85, Cl. 53-167.000.
- Torti, Anthony: *See—*
  - Comeau, Paul E.; and Torti, Anthony, 4,495,671, Cl. 16-87.00R.
- Tortorello, Anthony J.; Hansen, Nestor P.; and Jarocki, Kathryn M., to DeSoto, Inc. Imidazolidine-blocked amine polymers. 4,533,682, 8-6-85, Cl. 523-414.000.
- Tortrix A/S: *See—*
  - Pedersen, Jan B., 4,513,920, Cl. 242-4.00B.
  - Pedersen, Jan B., 4,548,364, Cl. 242-4.00B.
- Tosa, Tetsuya: *See—*
  - Chibata, Ichiro; Tosa, Tetsuya; and Takamatsu, Satoru, 4,526,867, Cl. 435-178.000.
- Tosaka, Yoichi: *See—*
  - Haraguchi, Shosuke; and Tosaka, Yoichi, 4,500,185, Cl. 354-209.000.
  - Hiramatsu, Akira; Tosaka, Yoichi; and Suzuki, Masayuki, 4,529,284, Cl. 354-234.100.
- Tosaki, Hiromi; Tanei, Hirayoshi; Ikegami, Akira; and Sugishita, Nobuyuki, to Hitachi, Ltd. Glass multilayer wiring board and method for its manufacture. 4,547,625, 10-15-85, Cl. 174-68.500.
- Tosaki, Satoshi: *See—*
  - Ohi, Nobukazu; Ohno, Koji; and Tosaki, Satoshi, 4,526,619, Cl. 106-35.000.
- Toscano, Luciano, to Pierrel S.p.A. Fluorinated erythromycin compounds and a process for preparation. 4,514,562, 4-30-85, Cl. 536-7.200.
- Toscano, Luciano; and Cappelletti, Leonardo M., to Pierrel S.p.A. Semisynthetic macrolidic antibiotics, intermediate compounds for their preparation and related pharmaceutical compositions containing compounds for their preparation and related pharmaceutical compositions containing them. 4,540,662, 9-10-85, Cl. 435-74.000.
- Toscano, Luciano: *See—*
  - Cappelletti, Leonardo M.; Spagnoli, Roberto; and Toscano, Luciano, 4,560,662, Cl. 435-253.000.
- Tosco Corporation: *See—*
  - Carlson, Franklin B.; and Hall, Robert N., 4,509,589, Cl. 165-95.000.
- Tosh, Douglas J., to Sternson Limited. Alkanolamine linked epoxy-urethanes. 4,520,185, 5-28-85, Cl. 528-65.000.
- Toshiba Battery Co., Ltd.: *See—*
  - Nagamine, Akio; Hayashi, Akira; Yoshida, Kazumasa; and Miyasaka, Kojiro, 4,500,614, Cl. 429-206.000.
  - Suzuki, Shintaro; Fujita, Hirotsugu; Asami, Yoshiaki; and Homma, Fumiko, 4,548,880, Cl. 429-162.000.
- Toshiba Ceramics Co., Ltd.: *See—*
  - Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.
  - Kagami, Toshiro; and Watanabe, Kuniaki, 4,510,191, Cl. 428-36.000.
  - Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.
  - Reiji, Oguma; and Akihiro, Hirai, 4,500,642, Cl. 501-54.000.
  - Saito, Hajime; and Urakawa, Tetsuro, 4,521,393, Cl. 423-344.000.
  - Sugie, Masuo; Kurihara, Koji; Aiba, Yoshiro; Komatsu, Nobiru; Ootuka, Haruo; and Nishikido, Kaoru, 4,530,864, Cl. 428-35.000.
  - Yamura, Hitoo; Ikeda, Kakuro; and Sakai, Yuhichi, 4,556,202, Cl. 266-242.000.
- Toshiba Chemical Products Co., Ltd.: *See—*
  - Mayama, Toshio; and Iwase, Hidehiro, 4,530,779, Cl. 252-507.000.
- Toshiba Components Co.: *See—*
  - Takada, Junji; Minamitake, Masayuki; and Tamegai, Satoshi, 4,558,226, Cl. 250-551.000.
- Toshiba Corporation: *See—*
  - Fukatsu, Kunio, 4,540,106, Cl. 221-13.000.
  - Sekigawa, Tatsuaki; Gotoh, Akio; Tsutsumi, Syuitsu; Marui, Kuniyoshi; and Honda, Naoto, 4,509,201, Cl. 455-73.000.
- Toshiba Electric Appliances Co., Ltd.: *See—*
  - Katagiri, Nobuhiko; Matsubara, Hidenobu; and Iida, Akio, 4,520,864, Cl. 165-60.000.
  - Shigenobu, Hiromichi; Nakabayashi, Takao; Akiyama, Kitio; Miida, Masao; and Karasawa, Hisashi, 4,506,596, Cl. 99-289.00T.
- Toshiba Electric Equipment Corporation: *See—*
  - Kawanami, Hisashi; Suzuki, Kiyoshi; and Kawauchi, Akihiro, 4,544,999, Cl. 362-298.000.
- Toshiba-EMI Limited: *See—*
  - Takenouchi, Tsutomu; Nagasawa, Tsunehiko; and Nanasawa, Masatada, 4,519,008, Cl. 360-79.000.
- Toshiba Kikai Kabushiki Kaisha: *See—*
  - Hashimoto, Yutaka, 4,557,291, Cl. 137-596.130.
  - Hashimoto, Yutaka, 4,561,462, Cl. 137-596.130.
  - Iguchi, Katsuhiko; Wada, Hidemi; and Wakita, Ryuichi, 4,514,348, Cl. 264-40.100.
  - Iwamoto, Norihiro, 4,495,828, Cl. 74-110.000.
  - Morita, Seiichiro; Yuasa, Akihiko; and Arai, Takao, 4,509,236, Cl. 29-26.00A.
  - Motomura, Noriyuki; Tsuboi, Hiroyuki; and Yamada, Sadayoshi, 4,559,991, Cl. 164-457.000.
  - Nagashima, Kazuo, 4,516,212, Cl. 364-475.000.
  - Nakamura, Hiromi; Mochizuki, Zenichi; Motomura, Noriyuki; and Yamada, Sadayoshi, 4,510,371, Cl. 219-121.0LM.
  - Ono, Tadahiro, 4,529,922, Cl. 318-603.000.
  - Sasaki, Tamotsu; and Tsuchiya, Yutaka, 4,558,266, Cl. 318-571.000.
  - Sunakawa, Kiyoshi; and Maruyama, Shinichi, 4,504,220, Cl. 432-72.000.
  - Toyama, Fumiyasu; Murakoshi, Masaaki; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, 4,550,366, Cl. 364-136.000.
  - Watanabe, Koya; Yamazaki, Katuo; and Hayama, Sadaji, 4,548,532, Cl. 409-233.000.
- Toshiba Machine Company, Ltd.: *See—*
  - Sekizawa, Hidekazu; Iwamoto, Akito; Togashi, Kousaku; and Fujie, Hideo, 4,510,866, Cl. 101-365.000.

Takigawa, Tadahiro; and Kawauchi, Yasunobu, 4,530,064, Cl. 364-523.000.
Toshiba Shibaura Denki Kabushiki Kaisha: *See—*
Ohshima, Jiro; Abe, Masahiro; and Koshino, Yutaka, 4,502,207, Cl. 29-576.00B.
Toshiba Silicone Co., Ltd.: *See—*
Endo, Isao; and Kuniya, Joji, 4,559,387, Cl. 525-102.000.
Imai, Takafumi; and Kobayashi, Fumihiko, 4,537,944, Cl. 528-18.000.
Kimura, Hiroshi, 4,528,390, Cl. 556-450.000.
Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, 4,555,545, Cl. 524-858.000.
Kimura, Hiroshi; Mori, Ikurou; and Murai, Bunjirou, 4,555,559, Cl. 528-16.000.
Kurita, Akitsugu, 4,502,889, Cl. 106-287.120.
Kurita, Akitsugu; and Fujimoto, Tetsuo, 4,559,319, Cl. 502-156.000.
Kurita, Atsushi, 4,496,696, Cl. 525-479.000.
Otsuki, Masaaki; and Kida, Shinji, 4,515,979, Cl. 556-445.000.
Sakamoto, Ryuji; and Yamazaki, Taro, 4,552,688, Cl. 252-511.000.
Sugano, Shunji; Hagiwara, Koichi; Miura, Isao; and Honto, Akira, 4,543,404, Cl. 528-26.000.
Toshiba Tungaloy Co., Ltd.: *See—*
Hirano, Shin-ichi; and Naka, Shigeharu, 4,545,968, Cl. 423-290.000.
Toshihiko, Fukuhara, to Kabushiki Kaisha Komatsu Seisakusho. Stress distribution measuring instrument. 4,541,059, 9-10-85, Cl. 364-508.000.
Toshima, Akira, to Kabushiki Kaisha Toshiba. Thermal transfer type printing apparatus. 4,531,135, 7-23-85, Cl. 346-76.0PH.
Toshima, Shinobu: *See—*
Itaya, Kingo; Shibayama, Kimio; Toshima, Shinobu; Ataka, Tatsuaki; and Iwasa, Koji, 4,498,739, Cl. 350-357.000.
Toshimasa, Kuroda; Akio, Kimura; Takumi, Horiuchi; Koki, Sasaki; and Terukuni, Ikuta, to Teijin Limited. Textured yarn and method and apparatus for producing the same. 4,534,164, 8-13-85, Cl. 57-290.000.
Toshimitsu, Kenshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for forming an image by the use of an image carrier. 4,550,334, 10-29-85, Cl. 355-3.00R.
Toshimitsu, Kenshi: *See—*
Kohyama, Mitsuaki; and Toshimitsu, Kenshi, 4,519,698, Cl. 355-15.000.
Toshimitsu, Naohiko; and Fujimura, Masayuki, to Canon Denshi Kabushiki Kaisha. Magnetic head. 4,523,244, 6-11-85, Cl. 360-129.000.
Toshinai, Akio: *See—*
Fujino, Sigeo; Hase, Takashi; and Toshinai, Akio, 4,510,414, Cl. 313-468.000.
Tosi, Bruno: *See—*
Munari, Fausto; Ostan, Giovanni; Saravalle, Carlo; Tosi, Bruno; and Trestianu, Sorin, 4,559,063, Cl. 55-67.000.
Tosi, Riccardo, to Merisinter S.p.A. Twin element, cylindrically disassembably hinged tool. 4,536,958, 8-27-85, Cl. 30-120.300.
Tosima, Soitiro: *See—*
Harada, Shigeo; and Tosima, Soitiro, 4,491,412, Cl. 356-36.000.
Toska Co., Ltd.: *See—*
Kato, Masami, 4,503,006, Cl. 264-148.000.
Toso Kabushiki Kaisha: *See—*
Fukada, Hiroo, 4,525,893, Cl. 16-102.000.
Mase, Ryoichi, 4,498,517, Cl. 160-294.000.
Mase, Ryoichi, 4,513,805, Cl. 160-299.000.
Tossounian, Jacques: *See—*
Behl, Charanjit; Beskid, George; Shah, Navnit; Tossounian, Jacques, and Unowsky, Joel, 4,525,339, Cl. 424-16.000.
Tosti, Luigi. Child's chariot. 4,506,901, 3-26-85, Cl. 280-242.0WC.
Total Engineering and Research Company: *See—*
Mauleon, Jean-Louis; Newman, Robert J.; and Black, Alan J., 4,556,479, Cl. 208-164.000.
Totani Giken Kogyo Kabushiki Kaisha: *See—*
Totani, Mikio, 4,505,699, Cl. 493-196.000.
Totani, Mikio, to Totani Giken Kogyo Kabushiki Kaisha. Apparatus for making envelopes from a continuous film sheet. 4,505,699, 3-19-85, Cl. 493-196.000.
Totani, Nagao: *See—*
Muramatsu, Toshio; Totani, Nagao; and Mangold, Helmut K., 4,517,297, Cl. 435-128.000.
Totani, Shinzo: *See—*
Minami, Kazuaki; Totani, Shinzo; Miura, Kunio; Akutsu, Kazushi; and Ohyama, Shinji, 4,502,123, Cl. 364-424.000.
Totani, Tetsushi; Aono, Katsutoshi; and Komura, Michihiro, to Shionogi & Co., Ltd. Glycolic acid platinum complexes. 4,560,781, 12-24-85, Cl. 556-137.000.
'totes' incorporated: *See—*
Allen, James H., 4,542,824, Cl. 206-287.100.
Phillips, Bradford E., 4,542,757, Cl. 135-16.000.
Toth Aluminum Corporation: *See—*
Wyndham, Ronald, 4,514,373, Cl. 423-495.000.
Toth, David M.: *See—*
Toth, Leo A.; and Toth, David M., 4,524,630, Cl. 74-110.000.
Toth, Dennis A., to Foster Wheeler Energy Corporation. Gas injection method for improving the operation of a fluidized bed reactor. 4,519,324, 5-28-85, Cl. 110-347.000.
Toth, Douglas J., to Under Sea Industries, Inc. Diaphragm assembly for scuba diving regulator. 4,508,118, 4-2-85, Cl. 128-204.260.
Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, to Richter Gedeon Vegyeszeti Gyar Rt. Benzhydrylpiperazine derivatives, process for their preparation and pharmaceutical compositions containing them. 4,504,481, 3-12-85, Cl. 514-255.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, to Richter Gedeon Vegyeszeti Gyar Rt. 4-hydroxy-benzhydrols, process for their preparation and pharmaceutical compositions containing them. 4,508,926, 4-2-85, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, to Richter Gedeon Vegyeszeti Gyar Rt. Resorcin derivatives, process for their preparation and pharmaceutical compositions containing them. 4,510,338, 4-9-85, Cl. 568-766.000.
Toth, Edit; Torley, Jozsef; Palosi, Eva; Szeberenyi, Szabolcs; Szporny, Laszlo; Gorog, Sandor; and Hajdu, Istvan, to Richter Gedeon Vegyeszeti Gyar Rt. Piperidine derivatives and pharmaceutical compositions containing them. 4,551,465, 11-5-85, Cl. 514-317.000.
Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, to Eszakmagyarorszagi Vegyimuvek. Plant growth regulating method. 4,493,727, 1-15-85, Cl. 71-088.000.
Toth, Istvan: *See—*
Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.
Deur, Michel; and Toth, Istvan, 4,549,026, Cl. 548-257.000.
Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252. Cl. 435-240.000.
Mogyorodi, Ferenc; Koppany, Eniko; Bodi, Tibor; Balogh, Karoly; Toth, Istvan; Bognar, Rezso; Makleit, Sandor; Litkei, Gyorgy; Rakosi, Miklos; and Dinya, Zoltan, 4,511,736, Cl. 564-214.000.
Toth, James E.: *See—*
Elsenbaumer, Ronald L.; Miller, Granville G.; and Toth, James E., 4,526,708, Cl. 252-518.000.
Toth, John F.: *See—*
Fassett, Matthew; Toth, John F.; Lewis, Michael L.; and Miccioli, William F., 4,554,549, Cl. 343-700.0MS.
Toth, John T.: *See—*
Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.
Toth, Lajos; Tolnay, Lajos; Kiss, Laszlo ; Sziklavaris, Istvan; Aranyosi, Miklos; Zsiros, Laszlo ; Kiss, Ferenc; and Kiss, Lajos, to Lenin Kohaszati Muvek. Process for the production of steels of low carbon content wherein the carbon end point and blow temperature are controlled. 4,545,815, 10-8-85, Cl. 75-49.000.
Toth, Laszlo. Local heating installation. 4,526,319, 7-2-85, Cl. 237-50.000.
Toth, Leo A.; and Toth, David M. Mechanical force amplifier. 4,524,630, 6-25-85, Cl. 74-110.000.
Toth nee Pecsi, Erzsebet: *See—*
Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
Toth, Tibor, to Behringwerke Aktiengesellschaft. Anti-streptolysin O latex reagent and process for the preparation thereof. 4,508,831, 4-2-85, Cl. 436-512.000.
Toth, William D., to Pitney Bowes Inc. Mailing machine tape knife. 4,493,236, 1-15-85, Cl. 83-440.100.
Toti, Andrew J. Patterned metal blind slat and method and apparatus for producing the same. 4,499,938, 2-19-85, Cl. 160-236.000.
Toti, Andrew J. Apparatus for forming elongated sheet metal panels. 4,526,024, 7-2-85, Cl. 72-177.000.
Totman, Millard C. Acid catalyzed combustion. 4,530,340, 7-23-85, Cl. 123-669.000.
Toto Ltd.: *See—*
Suzuki, Shigemi; and Mizukane, Masahiro, 4,512,616, Cl. 308-3.00R.
Tsutsui, Osamu; Murakami, Shusaku; Kuwahara, Hidehiko; and Yasunaga, Shigefumi, 4,501,261, Cl. 126-351.000.
Totoku Co., Ltd.: *See—*
Morimoto, Tsuyoshi, 4,508,321, Cl. 256-65.000.
Totsu, Katsuyuki, to Hios Inc. Riveting motor tool. 4,541,266, 9-17-85, Cl. 72-391.000.
Totsuka, Mikio: *See—*
Maeda, Minoru; Iwasaki, Masayuki; Inoue, Noriyuki; and Totsuka, Mikio, 4,547,450, Cl. 430-202.000.
Maeda, Minoru; Inoue, Noriyuki; and Totsuka, Mikio, 4,560,637, Cl. 430-202.000.
Totten, George E.; and Williams, Thomas C., to Union Carbide Corporation. Liquid crystal silanes. 4,496,482, 1-29-85, Cl. 534-577.000.
Totten, Thomas B., to Flexillume Canada Ltd. Lighting fixture. 4,549,253, 10-22-85, Cl. 362-364.000.
Tottori Sanyo Electric Co., Ltd.: *See—*
Okumura, Ryuichi; Dohi, Hidemi; and Togawa, Shingo, 4,541,748, Cl. 400-470.000.
Tadanobu, Yamazawa; and Kentaro, Inoue, 4,562,378, Cl. 313-499.000.

- Tottori, Takumi: *See—*
  - Tomita, Takao; Tottori, Takumi; Terada, Yasuo; Toyota, Hideki; and Akiba, Masahiro, 4,539,813, Cl. 60-314.000.
- Tou, Jacob S.; and Schleppnik, Alfred A., to Monsanto Company. Cyano-polycarboxylates. 4,514,340, 4-30-85, Cl. 260-465.00D.
- Tou, Jacob S.; and Schleppnik, Alfred A., to Monsanto Company. Cyano-dicarboxylate. 4,521,344, 6-4-85, Cl. 260-465.00D.
- Toub, Samuel G.; Gilliland, James L., Jr.; and Holder, Homer W. Oil collection/recirculation for vapor-compression refrigeration system. 4,534,182, 8-13-85, Cl. 62-193.000.
- Touch-On, Inc.: *See—*
  - Benedict, Ralph H., Jr., 4,507,716, Cl. 362-295.000.
- Touchais, Maurice; and Djelalian, Madeleine. Method and device for collecting and exploiting solar radiation. 4,496,787, 1-29-85, Cl. 136-248.000.
- Touchais, Thierry: *See—*
  - Franckx, Joris R. I.; Mendes, Luiz N.; Van Noten, Lodewijk; and Touchais, Thierry, 4,560,828, Cl. 174-71.00R.
- Touchon, Pierre: *See—*
  - Aubry, Claude; Chaumette, Jacques; and Touchon, Pierre, 4,508,783, Cl. 428-410.000.
- Touchton, James J.: *See—*
  - Hill, John P.; and Touchton, James J., 4,502,021, Cl. 330-279.000.
  - Hill, John P.; and Touchton, James J., 4,539,608, Cl. 360-77.000.
- Touda, Takayasu: *See—*
  - Mikita, Muneharu; Tanioku, Shozo; and Touda, Takayasu, 4,552,938, Cl. 526-240.000.
- Toudo, Kenzi; and Miyanaka, Motoshi, to Hitachi, Ltd. Digital control circuit. 4,522,337, 6-11-85, Cl. 236-46.00F.
- Toudo, Kenzi: *See—*
  - Miyanaka, Motoshi; Toudo, Kenzi; and Sagawa, Toshiaki, 4,527,125, Cl. 328-6.000.
- Touhalisky, John: *See—*
  - Derkacs, Thomas; Matay, Istvan M.; Murphy, Stephan D.; and Touhalisky, John, 4,523,468, Cl. 73-598.000.
- Toukhy, Medhat A., to Philip A. Hunt Chemical Corporation. Positive photoresist composition with cresol-formaldehyde novolak resins. 4,529,682, 7-16-85, Cl. 430-190.000.
- Toulhoat, Herve; Plumail, Jean-Claude; Billon, Alain; and Quignard, Alain, to Institut Francais du Petrole. Hydrotreatment process for converting a heavy hydrocarbon fraction containing sulfur impurities and metal impurities to a lighter oil, in at least two steps. 4,498,972, 2-12-85, Cl. 208-59.000.
- Toulhoat, Herve; Jacquin, Yves; and Dupin, Thierry, to Societe Francaise des Produits pour Catalyse Pro-Catalyse. Supported catalyst of increased resistance to poisons, useful for hydrotreating metal-containing oil fractions. 4,499,203, 2-12-85, Cl. 502-247.000.
- Toulhoat, Herve; Plumail, Jean-Claude; Mercier, Marc; and Jacquin, Yves, to Ste Francaise des Produits pour Catalyse Pro-Catalyse chez Institut Francais du Petrole. Process for manufacturing a supported catalyst for the hydrotreatment of hydrocarbon oils. 4,510,255, 4-9-85, Cl. 502-10.000.
- Toulhoat, Herve; Plumail, Jean-Claude; Mercier, Marc; and Jacquin, Yves, to Societe Francaise des Produits pour Catalyse Pro-Catalyse. Crushed catalysts containing alumina, silica or silica-alumina, and process for their manufacture. 4,537,875, 8-27-85, Cl. 502-314.000.
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- Toulhoat, Herve: *See—*
  - Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, 4,510,042, Cl. 208-59.000.
  - Billon, Alain; Jacquin, Yves; Peries, Jean-Pierre; and Toulhoat, Herve, 4,511,458, Cl. 208-59.000.
- Touma, Teruo: *See—*
  - Kumasaka, Osamu; and Touma, Teruo, 4,554,655, Cl. 369-275.000.
- Toung, Wen H. Collapsible globe assembly. 4,493,649, 1-15-85, Cl. 434-138.000.
- Tourillon, Gerard: *See—*
  - Dubois, Jean C.; Tourillon, Gerard; and Garnier, Francis, 4,543,306, Cl. 429-194.000.
  - Gazard, Maryse; Tourillon, Gerard; and Garnier, Francis, 4,502,934, Cl. 204-242.000.
- Tourle, Peter: *See—*
  - Ball, Cyril T.; Tourle, Peter; and Wright, Robert L., 4,558,257, Cl. 315-5.380.
- Tournemine, Colette: *See—*
  - Clemence, Francois; Medici, Italo; Fournex, Robert; and Tournemine, Colette, 4,501,740, Cl. 514-283.000.
- Tourneur, Auburt, deceased (by Tourneur, Monique, legal representative), to Appareillages et Materiels de Servitudes. Process and apparatus for recovering energy, in the form of electric energy, from a motor test bench. 4,538,097, 8-27-85, Cl. 318-490.000.
- Tourneur, Christian, to Freyssinet International (STUP). Processes and devices for greasing the ends of prestress reinforcements. 4,561,226, 12-31-85, Cl. 52-223.00L.
- Tourneur, Monique, legal representative: *See—*
  - Tourneur, Auburt, deceased, 4,538,097, Cl. 318-490.000.
- Tourneur, Roger, to Societe Anonyme D.B.A. Disc brake. 4,560,036, 12-24-85, Cl. 188-73.320.
- Tournier, Herve; Johansson, Allan A.; Sachetto, Jean-Pierre; Armanet, Jean-Michel; Michel, Jean-Pierre; and Roman, Alain, to Battelle Memorial Institute. Method for the simultaneous delignification of wood and other ligno-cellulosic materials and hydrolysis of the hemicellulose component thereof. 4,511,433, 4-16-85, Cl. 162-16.000.
- Tournier, Michel, to Esso Societe Anonyme Francaise. Method and device for evaluation and indication of wear condition of motor lubrication. 4,497,200, 2-5-85, Cl. 73-64.000.
- Tourre, Bernard: *See—*
  - Ohayon, Gerard; Reverchon, Bernard; Tourre, Bernard; and Vigier, Serge, 4,493,271, Cl. 110-262.000.
- Tourtellier, Jean-Louis; and Schoen, Roger, to Etablissements Tourtellier S.A. Modular rail member for the translation of load-bearing carriages on an overhead track. 4,524,698, 6-25-85, Cl. 104-107.000.
- Tourtellotte, Raymond E.: *See—*
  - Brown, Clyde O.; and Tourtellotte, Raymond E., 4,507,538, Cl. 219-121.00L.
- Toussaint, Francois; and Hoyois, Jean-Claude, to Glaverbel. Electrochromic display devices. 4,505,538, 3-19-85, Cl. 350-357.000.
- Toussaint, Hans-Norbert: *See—*
  - Goerne, Jan; and Toussaint, Hans-Norbert, 4,553,249, Cl. 375-25.000.
- Toussaint, Herbert; and Pander, Hans J., to BASF Aktiengesellschaft. Preparation of 3-cyano-2-alkylalkanals. 4,532,082, 7-30-85, Cl. 260-465.100.
- Toussaint, Margaret W.: *See—*
  - Pandey, Ramesh C.; Toussaint, Margaret W.; McGuire, Jeffrey C.; and Thomas, Monica C., 4,501,699, Cl. 260-351.100.
- Tout, Nigel R.; and Hanson, Raymond, to USM Corporation. Treatment of articles having a coating of a moisture-curable composition. 4,509,271, 4-9-85, Cl. 34-12.000.
- Tout, Nigel R.: *See—*
  - Price, Frank C.; Tout, Nigel R.; Hanson, Raymond; and Tillyard, Malcolm, 4,517,442, Cl. 219-215.000.
- Toutant, Roland J. Porting system for pneumatic impact hammer. 4,530,408, 7-23-85, Cl. 173-17.000.
- Touto Denki Kabushiki Kaisha: *See—*
  - Shimizu, Kunio, 4,491,142, Cl. 137-65.000.
- Toux, Jacques: *See—*
  - Gervais, Alain; Vermeire, Daniel; Cerf, Olivier; and Toux, Jacques, 4,535,621, Cl. 73-59.000.
- Touyer, Gaetan: *See—*
  - Jouquey, Alain; and Touyer, Gaetan, 4,529,713, Cl. 436-545.000.
- Touzani, William. Collapsible bottle. 4,492,313, 1-8-85, Cl. 215-1.00C.
- Tovalin, Jose L. L.: *See—*
  - Martinez-Vera, Enrique; Guerra-Garcia, Gilberto; and Tovalin, Jose L. L., 4,498,498, Cl. 137-613.000.
- Tovarny strojirenske techniky: *See—*
  - Valasek, Miloslav; Langer, Frantisek; Hradek, Jaroslav; and Seeman, Jindrich, 4,517,457, Cl. 250-239.000.
- Tove, Per-Arne; Bohlin, Kjell; Stolt, Lars; and Norde, Herman. Integrated electron circuits having Schottky field effect transistors of P- and N-type. 4,554,569, 11-19-85, Cl. 357-15.000.
- Tovenrath, Claus; and Windischbauer, Florian, to Lindauer Dornier Gesellschaft mbH. Device for drawing warp threads into readied heddles and drop wires. 4,525,906, 7-2-85, Cl. 28-205.000.
- Tovenrath, Claus; and Tovenrath, Frank, to Lindauer Dornier Gesellschaft mbH. Device for individually separating and readying warp threads for threading into heddles and drop wires. 4,545,099, 10-8-85, Cl. 28-202.000.
- Tovenrath, Frank: *See—*
  - Tovenrath, Claus; and Tovenrath, Frank, 4,545,099, Cl. 28-202.000.
- Tovey, Geoffrey D., to Smith Kline & French Laboratories Limited. Dosage units. 4,493,822, 1-15-85, Cl. 424-15.000.
- Tovey, Hugh J.: *See—*
  - Aranyi, Ernie; Ihasz, Richard; Gravener, Roy D.; and Tovey, Hugh J., 4,513,746, Cl. 128-334.00C.
- Towa Glove Co., Ltd.: *See—*
  - Watanabe, Hiroshi, 4,497,072, Cl. 2-161.00A.
- Towae, Friedrich: *See—*
  - Mattner, Otto; Merger, Franz; and Towae, Friedrich, 4,530,796, Cl. 260-453.00P.
  - Merger, Franz; and Towae, Friedrich, 4,497,963, Cl. 560-115.000.
  - Merger, Franz; Nestler, Gerhard; and Towae, Friedrich, 4,537,960, Cl. 544-86.000.
- Towart, Robertson: *See—*
  - Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
  - Wehinger, Egbert; Meyer, Horst; Bossert, Friedrich; Vater, Wulf; Towart, Robertson; Stoepel, Kurt; and Kazda, Stanislav, 4,510,310, Cl. 546-321.000.
- Tower, John R., to RCA Corporation. Electro-optical CCD transversal filter with analog reference weights. 4,514,821, 4-30-85, Cl. 364-862.000.
- Tower, John R., to RCA Corporation. Reducing noise in introducing bias charge into charge transfer devices. 4,541,068, 9-10-85, Cl. 364-825.000.
- Tower, Steven A.; and Greenspan, Jay S., to Isotronics, Inc. Method and apparatus for reducing package height for microcircuit packages. 4,547,624, 10-15-85, Cl. 174-52.0FP.
- Towers, Edward F.: *See—*
  - Bilbrey, Robert A.; and Koball, Bruce R., 4,543,571, Cl. 340-710.000.
- Towers, James A.: *See—*
  - Chang, Franklin S.; and Towers, James A., 4,503,099, Cl. 428-425.800.
- Towersey, Peter J.; Longton, John; and Cockram, Geoffrey N., to Ranks Hovis McDougall Ltd. Production of edible protein-containing substances. 4,501,765, 2-26-85, Cl. 426-656.000.

- Towfiq, Farhad: *See—*
  - Barnes, Casper W.; and Towfiq, Farhad, 4,542,744, Cl. 128-660.000.
- Towle, Alan L.; and Towle, Milton A., to Sure Stop Manufacturing, Inc. Target for projectiles. 4,546,984, 10-15-85, Cl. 273-404.000.
- Towle, Michael: *See—*
  - English, Raymond; and Towle, Michael, 4,549,315, Cl. 2-2.000.
- Towle, Milton A.: *See—*
  - Towle, Alan L.; and Towle, Milton A., 4,546,984, Cl. 273-404.000.
- Towle, Theodore: *See—*
  - Petersen, Oscar J.; Barton, Ross J.; Dalke, Jack E.; Sheffield, Gerald W.; and Towle, Theodore, 4,537,384, Cl. 251-83.000.
- Towler Hydraulics, Inc.: *See—*
  - Hall, Richard W.; Sonnenberg, Sven; and Mahal, Harbhajan S., 4,555,220, Cl. 417-342.000.
- Towmotor Corporation: *See—*
  - Haffer, John J.; and Fredrick, Alan T., 4,503,935, Cl. 187-9.00E.
  - Johannson, Richard J., 4,497,607, Cl. 414-664.000.
  - Johannson, Richard J., 4,498,838, Cl. 414-664.000.
  - Johannson, Richard J., 4,526,251, Cl. 187-9.00R.
  - Leskovec, Edward V., 4,506,750, Cl. 180-69.210.
  - Liljequist, Lawrence A.; Wible, John E.; and Schwehr, Richard A., 4,520,986, Cl. 248-585.000.
  - Melocik, Grant C.; and Wible, John E., 4,496,896, Cl. 320-2.000.
  - Melocik, Grant C.; and Pickering, William, 4,508,999, Cl. 318-331.000.
  - Melocik, Grant C.; and Pickering, William, 4,511,947, Cl. 361-191.000.
  - Melocik, Grant C.; and Pickering, William, 4,514,665, Cl. 318-139.000.
  - Melocik, Grant C.; and Pickering, William, 4,518,902, Cl. 318-373.000.
  - Melocik, Grant C.; and Pickering, William, 4,521,885, Cl. 371-29.000.
  - Melocik, Grant C.; and Pickering, William, 4,529,919, Cl. 318-373.000.
  - Melocik, Grant C.; and Pickering, William, 4,555,651, Cl. 318-341.000.
  - Mikkelsen, Jan; and Sorlie, Kjell, 4,491,195, Cl. 187-9.00R.
  - Pickering, William, 4,557,343, Cl. 180-142.000.
  - Reeves, Jerry L., 4,509,409, Cl. 92-80.000.
  - Reeves, Jerry L., 4,523,886, Cl. 414-641.000.
  - Rice, Bradley A., 4,503,936, Cl. 187-9.00R.
  - Wible, John E., 4,531,615, Cl. 187-9.00E.
  - Wiblin, Wayne T., 4,558,194, Cl. 200-61.890.
- Town, Michael H.: *See—*
  - Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Mannesmann, Gerda; Nieuweboer, Bob; and Town, Michael H., 4,552,875, Cl. 514-234.000.
- Town, Michael-Harold: *See—*
  - Skuballa, Werner; Raduechel, Bernd; Schwarz, Norbert; Vorbrueggen, Helmut; Elger, Walter; Loge, Olaf; and Town, Michael-Harold, 4,560,786, Cl. 560-55.000.
- Towns, Edward J.; and Brown, Edward M., to TBL Development Corporation. Container with vessel for retention of telltales. 4,558,794, 12-17-85, Cl. 215-250.000.
- Townsend, D. Ronald: *See—*
  - Campbell, R. Clark; and Townsend, D. Ronald, 4,522,533, Cl. 405-36.000.
- Townsend, Dana R.: *See—*
  - Faure, Louis H.; Townsend, Dana R.; and Walsh, Thomas J., 4,554,506, Cl. 324-158.00P.
- Townsend, Donald W.; and Routery, Edward E., to Stellar Energy Systems, Inc. Circular arc solar concentrator. 4,538,886, 9-3-85, Cl. 350-630.000.
- Townsend, Douglas W.: *See—*
  - Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., 4,526,911, Cl. 523-445.000.
  - Boxall, Larry G.; Buchta, William M.; Cooke, Arthur V.; Nagle, Dennis C.; and Townsend, Douglas W., 4,544,469, Cl. 204-243.00R.
- Townsend, Ellsworth D., to Industrial Engraving and Manufacturing Corp. Turret arrangement for continuous web rewinder. 4,516,742, 5-14-85, Cl. 242-64.000.
- Townsend Engineering Company: *See—*
  - Townsend, Ray T., 4,549,458, Cl. 83-42.000.
- Townsend, Greg M., to Motorola, Inc. Method and apparatus for the selection of redundant system modules. 4,562,575, 12-31-85, Cl. 371-9.000.
- Townsend, Greg M.: *See—*
  - Maher, John W.; and Townsend, Greg M., 4,514,703, Cl. 330-279.000.
  - Marten, Russell A.; and Townsend, Greg M., 4,554,658, Cl. 370-85.000.
- Townsend, Herbert E.: *See—*
  - Hart, Robert G.; and Townsend, Herbert E., 4,500,399, Cl. 204-181.00C.
- Townsend, Keith G.: *See—*
  - Keel, Frederick; Townsend, Keith G.; and Carter, Marshall C., 4,502,299, Cl. 66-14.000.
- Townsend, Lionel B. K.; and Townsend, Mary D., to Brydor Limited. Controlled power line filters for suppressing interference. 4,544,899, 10-1-85, Cl. 333-17.00R.
- Townsend, Mary D.: *See—*
  - Townsend, Lionel B. K.; and Townsend, Mary D., 4,544,899, Cl. 333-17.00R.
- Townsend, Max F., to Economatics (Education) Limited. Computer controlled mobile device. 4,548,584, 10-22-85, Cl. 434-118.000.
- Townsend, Ray T., to Townsend Engineering Company. Method and means of apportioning and cutting meat. 4,549,458, 10-29-85, Cl. 83-42.000.
- Townsend, Ray T. Skinning machine having feed device and method for using same. 4,561,150, 12-31-85, Cl. 17-50.000.
- Townsend, Rodney: *See—*
  - Markham, Peter G.; Townsend, Rodney; and Davies, Jeffrey W., 4,517,177, Cl. 424-93.000.
- Townsend, Rodney C., to Mine Support Systems (Proprietary) Ltd. Elongate compression bearing member. 4,520,980, 6-4-85, Cl. 248-351.000.
- Townsend, Wesley P.: *See—*
  - Dorey, John K., II; Schmidt, Steven L.; and Townsend, Wesley P., 4,537,799, Cl. 427-259.000.
- Townsley, Malcolm G.: *See—*
  - Loshaek, Samuel; and Townsley, Malcolm G., 4,549,794, Cl. 351-161.000.
- Townsley, Phillip M.: *See—*
  - Coulthard, T. Lionel; Townsley, Phillip M.; and Saben, Hugh S., 4,512,103, Cl. 47-1.100.
- Townson, Jimmy D., to Freeman, Kenneth A. Hydraulic straight hole drill collar. 4,493,380, 1-15-85, Cl. 175-61.000.
- Toy, Frank C. Information monitoring and notification method and apparatus. 4,554,418, 11-19-85, Cl. 179-2.0DP.
- Toy, Lester T., to Raychem Corporation. Elastomer based adhesive compositions. 4,497,926, 2-5-85, Cl. 524-271.000.
- Toy, Lester T., to Raychem Corporation. Process for manufacturing sealant coated articles. 4,523,970, 6-18-85, Cl. 156-244.110.
- Toy, Lester T., to Raychem Corporation. Elastomer based adhesive compositions. 4,536,445, 8-20-85, Cl. 428-349.000.
- Toy, Malcolm D. Method and apparatus for displaying garments. 4,545,514, 10-8-85, Cl. 223-66.000.
- Toy, Wing N.: *See—*
  - Gallaher, Lee E.; Toy, Wing N.; and Zee, Benjamin, 4,504,902, Cl. 364-200.000.
- Toya, Ichizo, to Fuji Photo Film Co., Ltd. Color diffusion transfer photographic element. 4,511,643, 4-16-85, Cl. 430-212.000.
- Toya, Ichizo; and Takahashi, Osamu, to Fuji Photo Film Co., Ltd. Color diffusion transfer element with spacer layer containing pigment and scavenger for oxidized developing agent. 4,542,092, 9-17-85, Cl. 430-510.000.
- Toya, Ichizo, to Fuji Photo Film Co., Ltd. Color diffusion transfer photographic element with sufinic acid. 4,547,452, 10-15-85, Cl. 430-216.000.
- Toya, Ichizo; Mihara, Yuji; and Takei, Haruo, to Fuji Photo Film Co., Ltd. Direct positive silver halide photographic emulsion. 4,552,828, 11-12-85, Cl. 430-217.000.
- Toya, Ichizo: *See—*
  - Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; Toya, Ichizo; and Syuto, Sadanobu, 4,510,235, Cl. 430-574.000.
  - Ukai, Toshinao; Okazaki, Masaki; Takei, Haruo; and Toya, Ichizo, 4,555,481, Cl. 430-550.000.
- Toya, Shigeo; Abe, Koichi; and Zobuchi, Mitsumasa, to Hitachi Cable Ltd. Optical fiber joints and method of joining optical fibers. 4,529,265, 7-16-85, Cl. 350-96.210.
- Toya, Syouichi, to Sanyo Electric Co., Ltd. Combined structure of hand-held cordless vacuum cleaner and flashlight. 4,513,470, 4-30-85, Cl. 15-328.000.
- Toyama Chemical Co., Ltd.: *See—*
  - Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.
- Toyama, Fumiyasu; Murakoshi, Masaaki; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, to Toshiba Kikai Kabushiki Kaisha. Programmable sequence controller and system. 4,550,366, 10-29-85, Cl. 364-136.000.
- Toyama, Haruji: *See—*
  - Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.
- Toyama, Hiroshige; Mizuno, Yoshiyuki; Yamamoto, Yoshimi; and Kato, Mitsuru, to Fuji Kiko Company, Limited. Emergency lock safety belt retractor with lock-up release mechanism. 4,560,115, 12-24-85, Cl. 242-107.40A.
- Toyama, Jun. Support device. 4,496,130, 1-29-85, Cl. 248-585.000.
- Toyama, Koji: *See—*
  - Tazuki, Shoji; and Toyama, Koji, 4,520,089, Cl. 430-49.000.
- Toyama, Kunio: *See—*
  - Yamashita, Izumi; and Toyama, Kunio, 4,558,119, Cl. 528-215.000.
- Toyama Machine Works, Ltd.: *See—*
  - Tani, Shigetaka; and Nagahara, Toshio, 4,517,853, Cl. 74-89.150.
  - Tanii, Shigetaka; and Sasaki, Hisao, 4,492,510, Cl. 414-733.000.
- Toyama, Masamichi, to Canon Kabushiki Kaisha. Automatic focus adjusting device. 4,518,242, 5-21-85, Cl. 354-403.000.
- Toyama, Masamichi, to Canon Kabushiki Kaisha. Automatic focus adjusting device. 4,550,995, 11-5-85, Cl. 354-403.000.
- Toyama Prefecture: *See—*
  - Tanino, Katsumi; Fujiki, Satoshi; and Okamoto, Shinzi, 4,499,010, Cl. 252-512.000.
- Toyama, Shigeyuki: *See—*
  - Takada, Kazuya; Toyama, Shigeyuki; and Numata, Yoshihiko, 4,526,772, Cl. 423-556.000.

Toyama, Shozo; and Yatabe, Fumio, to Honda Giken Kogyo Kabushiki Kaisha. Air intake side secondary air supply system for an internal combustion engine equipped with exhaust gas recirculation system. 4,559,917, 12-24-85, Cl. 123-571.000.

Toyama, Tadao: *See—*
- Koike, Mitsuru; Kobayashi, Kesanao; Toyama, Tadao; Misu, Hiroshi; Tamoto, Koji; and Iwasaki, Masayuki, 4,511,645, Cl. 430-276.000.

Toyama, Takanori: *See—*
- Tanaka, Motoaki; Toyama, Takanori; Ohba, Hitoshi; and Yamaguchi, Osamu, 4,500,649, Cl. 502-167.000.
- Tanaka, Motoaki; Toyama, Takanori; Oba, Hitoshi; and Yamaguchi, Osamu, 4,533,652, Cl. 502-167.000.

Toyama, Takashi: *See—*
- Ohkoshi, Akio; Toyama, Takashi; and Watanabe, Toshiro, 4,533,850, Cl. 313-36.000.

Toyama, Tatsuro; and Fujiwara, Masayuki, to Nippon Chemi-Con Corporation; and Hitachi, Ltd. Electrolytic capacitor and a process for producing the same. 4,558,399, 12-10-85, Cl. 361-433.000.

Toyama, Tatsuro: *See—*
- Yuhara, Akitsuna; Nate, Kazuo; Toyama, Tatsuro; and Yamada, Jun, 4,510,410, Cl. 310-313.00D.

Toyama, Teruhiko: *See—*
- Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.

Toyamasanki Co. Ltd.: *See—*
- Sato, Takeshi, 4,560,434, Cl. 156-474.000.

Toybox Corporation: *See—*
- Matsumoto, Hajime; and Abe, Yoichi, 4,512,748, Cl. 446-354.000.

Toyko Shibaura Electric Co., Ltd.: *See—*
- Yonezawa, Toshio; Ajima, Takashi; Hiraki, Shunichi; Koshino, Yutaka; and Oka, Yoshitami, 4,560,642, Cl. 430-313.000.

Toyne, Kenneth J.: *See—*
- Abdullah, Hilal M.; Constant, Jennifer; Gray, George W.; McDonnell, Damien G.; and Toyne, Kenneth J., 4,544,497, Cl. 252-299.500.

Toyo Aerosol Industry Co., Ltd.: *See—*
- Hirao, Katsumi; and Sasaki, Akira, 4,550,865, Cl. 222-402.210.

Toyo Aluminium Kabushiki Kaisha: *See—*
- Mehada, Masashi; Yoshimura, Shozo; Yamaguchi, Kenshiro; and Iwao, Osamu, 4,510,207, Cl. 428-607.000.

Toyo Boseki Kabushiki Kaisha: *See—*
- Imai, Fusao; and Okumura, Norio, 4,525,420, Cl. 428-372.000.
- Kobayashi, Takuma; Kitagawa, Hironobu; and Kobayashi, Shigeo, 4,500,686, Cl. 525-408.000.
- Kurita, Kazuo; and Ishihara, Hideaki, 4,496,630, Cl. 428-364.000.
- Kurita, Kazuo; and Ishihara, Hideaki, 4,504,545, Cl. 428-364.000.
- Mitomi, Takeshi; Yoshimura, Eiji; and Komagata, Hideki, 4,500,581, Cl. 428-85.000.
- Nanpei, Masaru; Tomita, Akira; Fujimura, Toshiaki; and Etoh, Kuniomi, 4,544,624, Cl. 430-281.000.
- Nanri, Shosuke; and Tsuchida, Kazuyoshi, 4,537,822, Cl. 428-212.000.
- Okudaira, Tadashi; Tsuboi, Akio; Hama, Yoshihisa; and Hara, Mamoru, 4,535,901, Cl. 215-1.00C.
- Saitoh, Minoru; Arimatsu, Yoshikazu; Tani, Katsuya; and Mitamura, Hideyuki, 4,499,221, Cl. 524-109.000.
- Sakamoto, Junichi; Fujimoto, Hiroshi; and Miyake, Hideo, 4,551,215, Cl. 204-159.230.
- Shimada, Masayoshi; Iizuka, Yasuhiro; and Hukazu, Tetuo, 4,496,637, Cl. 429-44.000.
- Shimada, Masayoshi; Komagata, Hideki; and Iizuka, Yasuhiro, 4,505,994, Cl. 429-101.000.
- Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, 4,562,239, Cl. 528-65.000.
- Yasuda, Kazuo; Funabashi, Kyo; and Chiyoda, Akiyoshi, 4,504,541, Cl. 428-264.000.

Toyo Bussan Kabushiki Kaisha: *See—*
- Hoshino, Takahiro, 4,533,335, Cl. 441-102.000.

Toyo Communication Equipment Co., Ltd.: *See—*
- Nakazawa, Yuzo; Ono, Kazuo; Tanaka, Masaki; Morita, Takao; and Kurosaki, Takefumi, 4,542,356, Cl. 333-195.000.

Toyo Contact Lens Co., Ltd.: *See—*
- Kato, Yasuyuki; Kasuga, Kentaro; Taniyama, Yoshitaka; Ichihara, Masuji; and Suzuki, Tamio, 4,529,747, Cl. 523-108.000.
- Shibata, Takanori; Yoshikawa, Toshiharu; Isobe, Kenichi; and Ichinohe, Shoji, 4,525,563, Cl. 526-279.000.
- Shibata, Takanori; Yamanaka, Masashige; and Kako, Hiroyuki, 4,547,543, Cl. 524-264.000.
- Tanaka, Kyoichi; Tsuzuki, Akira; and Hioki, Shunichi, 4,500,441, Cl. 252-89.100.

Toyo Denki Seizo Kabushiki Kaisha: *See—*
- Muraoka, Kimihiro, 4,528,745, Cl. 29-576.00E.

Toyo Electric Co., Ltd.: *See—*
- Suzuki, Isamu; and Hattori, Yoshio, 4,535,274, Cl. 318-254.000.

Toyo Element Kogyo Kabushiki Kaisha: *See—*
- Kuwajima, Soichi; and Sakamoto, Naojiro, 4,522,719, Cl. 210-457.000.

Toyo Engineering Corporation: *See—*
- Ando, Toshihiko; Ito, Norifumi; Matsubara, Tetsuyuki; Ichikawa, Kozo; Fukawa, Susumu; and Maeda, Tetsuo, 4,537,954, Cl. 528-481.000.
- Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, 4,504,679, Cl. 564-67.000.
- Konoki, Keizo; Shinohara, Takanobu; Kochi, Ikuyoshi; Shibata, Keiichi; Nishihara, Hisakatsu; Morichika, Toshiaki; Sugitani, Junichi; and Tsuchida, Koji, 4,510,988, Cl. 164-102.000.
- Matsumiya, Saburo; Uehara, Katsuya; Saito, Keiji; Michiki, Hideyuki; and Yaginuma, Kenichi, 4,549,904, Cl. 75-7.000.
- Nioh, Susumu; Hirayama, Hiroshi; Honda, Tetsuzo; Ishida, Koji; and Naruo, Masaki, 4,501,773, Cl. 427-213.000.
- Ohsaki, Kozo; Kikuchi, Katsutoshi; and Hirota, Yoshitsugu, 4,525,482, Cl. 518-707.000.

Toyo Gomu Kogyo Kabushiki Kaisha: *See—*
- Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, 4,491,429, Cl. 384-221.000.

Toyo Ink Manufacturing Co., Ltd.: *See—*
- Kaiho, Keisuke; and Nagata, Hidetoshi, 4,528,234, Cl. 428-216.000.
- Kakuta, Atsushi; Oka, Hiroyuki; Suzuki, Shigeo; Araya, Kotaro; Mori, Yasuki; Morishita, Hirosada; Takano, Shigemasa; Sawada, Manabu; and Kumano, Isao, 4,507,374, Cl. 430-56.000.
- Konno, Ryozo; Sugai, Makio; Kubota, Yuichi; Nishimatsu, Masaharu; Isobe, Yukihiro; Tanaka, Kazushi; and Shinoura, Osamu, 4,511,629, Cl. 428-522.000.
- Ohtsuki, Akira; Konno, Ryozo; Sugai, Makio; Nishimatsu, Masaharu; Kubota, Yuichi; Tanaka, Kazushi; and Shinoura, Osamu, 4,526,837, Cl. 428-425.900.

Toyo Jozo Kabushiki Kaisha: *See—*
- Fujiwara, Tatsuro; Watanabe, Hideyuki; Hirano, Takao; and Sakakibara, Hideo, 4,515,941, Cl. 536-7.100.
- Imamura, Shigeyuki; Misaki, Hideo; Ishikawa, Hidehiko; and Matsuura, Kazuo, 4,491,631, Cl. 435-4.000.
- Imamura, Shigeyuki; Misaki, Hideo; and Muto, Naoki, 4,525,458, Cl. 435-196.000.
- Misaki, Hideo; and Taniuchi, Masahiko, 4,556,634, Cl. 435-25.000.
- Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.
- Ohyama, Kunio; Nakagawa, Nobuaki; and Watanabe, Susumu, 4,495,151, Cl. 422-102.000.
- Sakakibara, Hideo; Awata, Masashi; Satoi, Shuzo; Mutoh, Naoki; Takada, Masaki; and Hayashi, Mitsuo, 4,517,296, Cl. 435-119.000.
- Yoshino, Eiichi; Matsuura, Kazuo; and Misaki, Hideo, 4,496,655, Cl. 435-191.000.

Toyo Kako Kabushiki Kaisha: *See—*
- Nakada, Morihito, 4,553,562, Cl. 137-375.000.

Toyo Kasei Kogyo Co., Ltd.: *See—*
- Shimamoto, Kunihiro; Hatanaka, Hiroshi; Seki, Shinichiro; and Orita, Ryozo, 4,493,938, Cl. 568-62.000.

Toyo Kogyo Co., Ltd.: *See—*
- Fujii, Hiroshi; and Sakamoto, Toshiharu, 4,513,696, Cl. 123-41.020.
- Hattori, Toshihiko; Akagi, Yuji; and Kohara, Hideo, 4,509,906, Cl. 418-152.000.
- Kishino, Kohji, 4,511,129, Cl. 296-146.000.
- Tadokoro, Tomoo; Okimoto, Haruo; and Matsuda, Ikuo, 4,513,707, Cl. 123-242.000.
- Tsuchie, Masahiro; Takeoka, Tomihiko; and Nomura, Takanobu, 4,491,844, Cl. 343-713.000.

Toyo Kohan Co., Ltd.: *See—*
- Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, 4,511,631, Cl. 428-632.000.
- Kanda, Katsumi; Okamura, Takaaki; Minamigi, Takashi; Inui, Tsuneo; and Kondo, Yoshikazu, 4,517,255, Cl. 428-626.000.
- Nemoto, Tadashi; Fukumoto, Ryoichi; Kawamura, Hiroaki; Kondo, Yoshikazu; and Inui, Tsuneo, 4,508,601, Cl. 204-38.500.
- Shimizu, Nobuyoshi; Fujimoto, Terunori; Inui, Tsuneo; and Ishida, Masatoki, 4,508,790, Cl. 428-632.000.

Toyo Linoleum Company, Limited: *See—*
- Hiragami, Yoshiaki; Yabu, Mikio; and Kawaguchi, Yozi, 4,501,783, Cl. 428-147.000.

Toyo Machinery Co., Ltd.: *See—*
- Miyai, Masuo, 4,545,516, Cl. 226-20.000.

Toyo Polymer Co., Ltd.: *See—*
- Midorikawa, Yoshio, 4,540,300, Cl. 401-107.000.

Toyo Rubber Chemical Industry Co., Ltd.: *See—*
- Kumasaka, Sadao; Tada, Satomi; Horikoshi, Shigeo; Kamanaka, Tamaki; and Taniguchi, Hiroshi, 4,517,312, Cl. 521-47.000.
- Kumasaka, Sadao; and Tada, Satomi, 4,520,141, Cl. 521-126.000.

Toyo Rubber Industry Co., Ltd., The: *See—*
- Kan, Masanori; Okazaki, Takuya; and Sakashita, Tatsuo, 4,558,088, Cl. 524-505.000.
- Kishida, Katsuji; Ueno, Tetsuto; Onishi, Masakazu; and Oda, Keijiro, 4,510,984, Cl. 152-362.0CS.
- Oohara, Riichiro, 4,550,147, Cl. 525-332.600.

Toyo Sanso Co., Ltd.: *See—*
- Soneta, Eietsu; and Urata, Tetsukazu, 4,555,389, Cl. 423-210.000.

Toyo Seikan Kaisha, Ltd.: *See—*
- Imatani, Tsuneo; Yasumuro, Hisakazu; Watanabe, Michio; Kurashima, Hideo; and Ishibashi, Kazuhisa, 4,536,243, Cl. 156-274.600.
- Imazu, Katsuhiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,541,546, Cl. 220-456.000.
- Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.

- Itoh, Senji; Tanabashi, Toshifumi; and Ishibashi, Kazuhisa, 4,552,605, Cl. 156-273.300.
- Katsura, Tadahiko; Hirota, Kazumi; and Ueno, Hiroshi, 4,501,375, Cl. 220-270.000.
- Kawaguchi, Kiyoshi; and Yamada, Muneki, 4,519,977, Cl. 264-550.000.
- Kobayashi, Hiroshi; and Kousaka, Michio, 4,512,486, Cl. 215-249.000.
- Kobayashi, Seishichi; Miyazawa, Tetsuo; and Ueno, Hiroshi, 4,525,497, Cl. 523-400.000.
- Kumasaka, Hideo; and Fujisawa, Kazuo, 4,508,569, Cl. 106-14.120.
- Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,500,677, Cl. 525-57.000.
- Maruhashi, Yoshitsugu; and Hirata, Sadao, 4,551,366, Cl. 428-35.000.
- Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,562,118, Cl. 428-412.000.
- Matsuno, Kenji; and Funamoto, Hiroyuki, 4,517,256, Cl. 428-629.000.
- Matsuno, Kenji; and Kuse, Kazuma, 4,559,431, Cl. 219-64.000.
- Miura, Hideo, 4,492,571, Cl. 432-225.000.
- Miyamatsu, Yasunori; Kaga, Yasuo; Aizawa, Masanori; Ishibashi, Kazuhisa; and Ueno, Hiroshi, 4,526,287, Cl. 220-260.000.
- Nishikawa, Horotaka, 4,538,441, Cl. 72-349.000.
- Nohara, Shigezo, 4,534,930, Cl. 264-513.000.
- Obata, Saburo; and Ito, Kazuo, 4,533,273, Cl. 401-190.000.
- Sugizaki, Takashi; and Sakamoto, Yoshisuke, 4,509,661, Cl. 222-190.000.
- Taira, Kazuo; Morofuji, Akihiko; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,500,575, Cl. 428-35.000.
- Taira, Kazuo; Morofuji, Akihiko; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,556,151, Cl. 220-67.000.
- Tanahashi, Toshifumi; and Itoh, Senji, 4,533,576, Cl. 428-35.000.
- Terajima, Yoshimi; Akitoshi, Hiroshi; and Nagatani, Nobuaki, 4,553,693, Cl. 229-7.00S.
- Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,553,682, Cl. 220-75.000.
- Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,556,354, Cl. 413-15.000.
- Watanabe, Michio; Ishibashi, Kazuhisa; Yasumuro, Hisakazu; Kurashima, Hideo; and Imatani, Tsuneo, 4,560,430, Cl. 156-285.000.
- Yamada, Muneki; and Sakamoto, Akira, 4,528,219, Cl. 428-35.000.
- Yamanashi, Shigeaki, 4,557,397, Cl. 220-270.000.
- Yazaki, Jinichi; and Sakano, Kozaburo, 4,511,610, Cl. 428-35.000.
- Yazaki, Jinichi; Sakano, Kozaburo; and Matsuo, Junichi, 4,548,985, Cl. 525-65.000.

Toyo Shokuhin Kikai Kabushiki Kaisha: *See—*

- Yamanashi, Yoshihiro; Okuma, Minoru; Hata, Masahito; and Nishihara, Toshio, 4,557,711, Cl. 474-900.000.
- Yoshida, Toshio, 4,495,584, Cl. 364-479.000.

Toyo Soda Manufacturing Co., Ltd.: *See—*

- Akazawa, Michihiro; and Kawasaki, Nobuhiro, 4,519,888, Cl. 204-252.000.
- Arika, Junji; Itabashi, Keiji; and Tamura, Yoshio, 4,530,824, Cl. 423-328.000.
- Arika, Junji; Shiota, Eiji; and Yamamoto, Kazuaki, 4,554,211, Cl. 428-402.000.
- Arika, Junji; Miyazaki, Hiroshi; Igawa, Kazushige; and Itabashi, Keiji, 4,562,055, Cl. 423-329.000.
- Ariyoshi, Takashi; Emura, Noriaki; and Sakanaka, Yasuhiro, 4,511,679, Cl. 521-83.000.
- Fujimoto, Teruo; Isono, Yoshinobu; and Miyaki, Yoshiyuki, 4,554,376, Cl. 562-554.000.
- Harada, Tsuneo; Takemoto, Hisao; and Igarashi, Tatsuo, 4,506,011, Cl. 435-70.000.
- Koyama, Kenji; Ohno, Syotaro; and Fukuda, Mitsutoshi, 4,522,725, Cl. 210-639.000.
- Kumoi, Sadakatsu; Mitarai, Keiji; and Tsutsumi, Yukihiro, 4,492,803, Cl. 564-486.000.
- Matsushita, Susumu; Tada, Yoshimitsu; Ikushige, Tetsuo; and Baba, Nobuyuki, 4,556,538, Cl. 422-70.000.
- Minamide, Hiroshi; Shintani, Takashi; and Murayama, Hiroshi, 4,533,525, Cl. 428-469.000.
- Miyaki, Yoshiyuki; Fujita, Yoshitaka; Se, Kazunori; and Fujimoto, Teruo, 4,514,304, Cl. 210-638.000.
- Miyanaga, Akiyoshi; and Kurihara, Yukitada, 4,500,431, Cl. 210-656.000.
- Narui, Mamoru; Nakagawa, Tatsushi; and Sakanaka, Yasuhiro, 4,544,709, Cl. 525-344.000.
- Nomura, Akihiko; and Fujii, Masahiko, 4,559,384, Cl. 524-612.000.
- Oogai, Michiharu; Seita, Toru; Takeshige, Kosuke; and Shuyama, Hideo, 4,537,910, Cl. 521-27.000.
- Oyama, Kiyotaka; Irino, Shigeaki; Harada, Tsuneo; and Nakamura, Masao, 4,521,514, Cl. 435-70.000.
- Oyama, Kiyotaka; and Harada, Tuneo, 4,534,909, Cl. 260-465.00G.
- Oyama, Kiyotaka; and Harada, Tuneo, 4,536,342, Cl. 260-465.00G.
- Sakamoto, Teruhisa; and Nakamura, Shigeo, 4,504,677, Cl. 562-534.000.
- Sakamoto, Teruhisa; Ishida, Satoshi; Hironaka, Toshio; and Tsutsumi, Yukihiro, 4,528,410, Cl. 568-897.000.
- Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yunji; and Nakanishi, Akira, 4,551,169, Cl. 71-94.000.
- Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.
- Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.
- Todoko, Masaaki; and Watanabe, Hiroyuki, 4,508,877, Cl. 525-333.100.
- Tsuzuki, Kenji; and Morinaka, Hideo, 4,560,762, Cl. 546-297.000.
- Yamaoka, Tsuguo; and Fukuda, Mitsutoshi, 4,515,886, Cl. 430-270.000.

Toyo Stauffer Chemical Co., Ltd.: *See—*

- Takitani, Masaru; Tomiyasu, Shizuo; and Baba, Keikichi, 4,525,558, Cl. 526-142.000.
- Yamamoto, Hisashi, 4,556,515, Cl. 260-239.00B.

Toyo Tanso Co., Ltd.: *See—*

- Hoshikawa, Toru; and Osaki, Yoshihiko, 4,503,304, Cl. 219-10.49R.

Toyo Tire & Rubber Co., Ltd.: *See—*

- Iwama, Satoshi; and Hashiyama, Mitsuaki, 4,550,135, Cl. 524-495.000.
- Nagata, Takayoshi; and Hashiyama, Mitsuaki, 4,548,980, Cl. 524-495.000.
- Otani, Kozo; Yamada, Yoshio; and Okumura, Hiroyuki, 4,504,648, Cl. 528-76.000.
- Otani, Kozo; and Yamada, Yoshio, 4,515,981, Cl. 560-50.000.
- Otani, Kozo; and Yamada, Yoshio, 4,537,945, Cl. 528-68.000.
- Yoshie, Atsuyoshi; and Karasawa, Hiroyuki, 4,528,052, Cl. 156-117.000.

Toyoaki, Ishibachi; Minoru, Yoshihara; Takashi, Takuma; Yasunori, Fuke; and Masayuki, Maeda, to Furukawa Electric Co., Ltd., The; Kanto Denka Kogyo Co., Ltd.; and Fujidie Co., Ltd. Sintered high vanadium high speed steel and method of making same. 4,519,839, 5-28-85, Cl. 75-242.000.

Toyoda, Akira; and Chiba, Yasutsune, to Taisan Industrial Co., Ltd. Electromagnetic pump. 4,504,198, 3-12-85, Cl. 417-417.000.

Toyoda Gosei Co., Ltd.: *See—*

- Hayashi, Chikahisa; and Kanayama, Masakatsu, 4,553,212, Cl. 364-507.000.
- Hiramitsu, Tetsushi; Sugita, Hiroshi; Ono, Satoshi; and Murase, Zenzaburo, 4,561,324, Cl. 74-498.000.
- Hori, Yoshimi; Ishida, Takashi; and Hayashi, Keizo, 4,493,632, Cl. 425-393.000.
- Itoh, Masaru, 4,544,339, Cl. 425-174.80R.
- Itoh, Toshiyasu; and Mori, Takaaki, 4,537,814, Cl. 428-217.000.
- Kai, Tooru; and Hayashi, Chikahisa, 4,543,602, Cl. 358-106.000.
- Kasugai, Joji; and Nakagami, Akihiro, 4,540,103, Cl. 220-203.000.
- Kato, Taizo; and Souchi, Toshiyuki, 4,545,548, Cl. 242-156.000.
- Kuniyoshi, Toru; and Okumoto, Ryoji, 4,501,432, Cl. 277-168.000.
- Mabuchi, Akira, 4,542,166, Cl. 521-176.000.
- Nagata, Masanori, 4,558,900, Cl. 296-152.000.
- Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.
- Ono, Satoshi; Sugita, Hiroshi; and Hiramitsu, Tetsushi, 4,541,301, Cl. 74-484.00R.
- Ozawa, Isao; Aono, Yukio; and Ueno, Masato, 4,492,366, Cl. 267-140.100.
- Sakai, Hiromu; Ezaki, Sazo; and Kikuchi, Atsuo, 4,523,448, Cl. 72-185.000.
- Shigeki, Kiyoshi; and Maeno, Kunio, 4,513,044, Cl. 428-122.000.
- Souchi, Toshiyuki; and Todaka, Isoo, 4,532,687, Cl. 29-235.000.
- Sugiyama, Kenji; and Miyazaki, Takeshi, 4,513,489, Cl. 29-520.000.
- Takimoto, Masahiro; and Ota, Satoshi, 4,522,084, Cl. 74-557.000.
- Tominaga, Masahiro; Nakamura, Kenichi; and Mishima, Kunio, 4,495,234, Cl. 428-122.000.

Toyoda Gosei Kabushiki Kaisha: *See—*

- Manabe, Katsuhide; and Tsutsui, Masatoshi, 4,551,387, Cl. 428-336.000.

Toyoda, Ippei: *See—*

- Hikawa, Masanori; and Toyoda, Ippei, 4,543,119, Cl. 71-90.000.

Toyoda, Kazuhiro; and Ono, Chikai, to Fujitsu Limited. Semiconductor memory device. 4,525,812, 6-25-85, Cl. 365-155.000.

Toyoda, Kazuhiro; and Shimada, Haruo, to Fujitsu Limited. Random access memory device. 4,536,860, 8-20-85, Cl. 365-190.000.

Toyoda, Kazuhiro: *See—*

- Yamada, Katuyuki; and Toyoda, Kazuhiro, 4,520,462, Cl. 365-189.000.

Toyoda, Kazuo: *See—*

- Otsuka, Ryotatsu; Tanimoto, Sigemi; and Toyoda, Kazuo, 4,556,419, Cl. 75-68.00R.

Toyoda, Kenji; Naito, Kaoru; and Yamamura, Norio, to Nippon Kogaku K.K. Method and apparatus for recording color images as color transfer superimposed laminations. 4,504,837, 3-12-85, Cl. 346-1.100.

Toyoda Koki Kabushiki Kaisha: *See—*

- Doi, Yoshio; Yamakage, Tetsuro; Nakashima, Kunimichi; and Matsuura, Akihiro, 4,538,341, Cl. 29-568.000.
- Fujiwara, Hidetoshi, 4,545,449, Cl. 180-69.300.
- Fujiwara, Hidetoshi; and Sato, Akihiko, 4,549,566, Cl. 137-117.000.
- Hayashi, Takehiko; Ikuta, Hiroyuki; and Ohta, Takanori, 4,554,811, Cl. 72-110.000.
- Hayashi, Takehiko; Ikuta, Hiroyuki; and Shindo, Toshiki, 4,559,798, Cl. 72-81.000.
- Honaga, Susumu; and Sutoh, Satoshi, 4,505,655, Cl. 418-133.000.
- Koide, Tsuyoshi; Maruyama, Toshio; and Tsujiuchi, Toshio, 4,497,140, Cl. 51-101.00R.
- Koide, Tsuyoshi; Shimizu, Norihiko; Komatsu, Yuichiro; and Maruyama, Toshio, 4,528,781, Cl. 51-281.00C.
- Koide, Tsuyoshi; and Maruyama, Toshio, 4,530,187, Cl. 51-165.870.

  - Munekata, Kenichi; Doi, Yoshio; Suzuki, Isao; and Doi, Shigeru, 4,513,366, Cl. 364-167.000.
  - Munekata, Kenichi; Suzuki, Isao; and Yamakage, Tetsuro, 4,530,046, Cl. 364-191.000.
  - Nakamura, Keiichi; Inaguma, Yoshiharu; and Mori, Yutaka, 4,496,288, Cl. 417-213.000.
  - Noda, Shigeo; Yamashita, Yasuhiro; and Imamura, Kosei, 4,543,636, Cl. 364-474.000.
  - Nomura, Kenji; Yamakage, Tetsuro; and Noro, Katsuyoshi, 4,498,571, Cl. 198-339.000.
  - Sakamoto, Shinichiro, 4,509,235, Cl. 29-26.00A.
  - Shiga, Tokio; and Saida, Keiichi, 4,548,536, Cl. 414-225.000.
  - Suzuki, Hiroshi; Tsuboi, Akira; and Sugita, Kazuhiko, 4,506,935, Cl. 308-5.00R.
  - Tsujimura, Isao; and Yoshimi, Takani, 4,514,892, Cl. 29-568.000.
  - Tsujiuchi, Toshio; Yoneda, Takao; and Ohta, Norio, 4,490,946, Cl. 51-165.880.
  - Unno, Kunihiko; Tsujiuchi, Toshio; and Oda, Yukio, 4,502,458, Cl. 125-11.00R.
  - Unno, Kunihiko; Tsujiuchi, Toshio; and Oda, Yukio, 4,551,950, Cl. 51-165.870.
  - Yamamoto, Katsumi; Komatsu, Yuichiro; and Hamada, Ikuro, 4,498,259, Cl. 51-165.710.
  - Yomogida, Toshihiko; Suzuki, Yasuo; and Ito, Kyoji, 4,510,580, Cl. 364-900.000.
  - Yoneda, Takao; and Sakakibara, Yasuji, 4,502,125, Cl. 364-474.000.
  - Yoneda, Takao; and Sakakibara, Yasuji, 4,510,719, Cl. 51-289.00R.
- Toyoda Machine Works, Ltd.: *See—*
  - Yomogida, Toshihiko; Sakurai, Itaru; Yokota, Tsuyoshi; and Kato, Sadamu, 4,504,900, Cl. 364-140.000.
- Toyoda, Mitsuo: *See—*
  - Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, 4,552,414, Cl. 303-115.000.
  - Fujii, Etsuo; Satoh, Makoto; and Toyoda, Mitsuo, 4,561,701, Cl. 303-119.000.
- Toyoda, Naokuni: *See—*
  - Hosoya, Mitsuru; Tsuchiya, Takao; and Toyoda, Naokuni, 4,559,558, Cl. 358-162.000.
- Toyoda, Nobuyuki; and Hojo, Akimichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Ga/As NOR/NAND gate circuit using enhancement mode FET's. 4,518,871, 5-21-85, Cl. 307-443.000.
- Toyoda, Nobuyuki: *See—*
  - Nii, Riro; Toyoda, Nobuyuki; and Hojo, Akimichi, 4,503,600, Cl. 29-571.000.
- Toyoda, Noriyuki: *See—*
  - Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,737, Cl. 514-167.000.
- Toyoda, Shigehiro: *See—*
  - Uzaki, Nagato; Matui, Kazuharu; Toyoda, Shigehiro; and Hikita, Katuro, 4,531,565, Cl. 164-160.100.
  - Uzaki, Nagato; Komori, Toshihisa; Matui, Kazuharu; and Toyoda, Shigehiro, 4,538,665, Cl. 164-160.100.
- Toyoda, Shinjiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Mode setting control system. 4,504,926, 3-12-85, Cl. 364-900.000.
- Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, to Toyota Jidosha Kabushiki Kaisha. Fastening device for tiltable steering assembly. 4,530,254, 7-23-85, Cl. 74-493.000.
- Toyoda, Shuhei: *See—*
  - Sato, Hiroki; Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,538,478, Cl. 74-493.000.
- Toyoda, Tatsuo: *See—*
  - Sugasawa, Tsutomu; Toyoda, Tatsuo; and Sasakura, Kazuyuki, 4,551,554, Cl. 568-322.000.
- Toyoda, Toshiyuki: *See—*
  - Makino, Kenya; Sakurai, Hideo; Toyoda, Toshiyuki, and Matsuo, Yoshitaka, 4,506,061, Cl. 526-142.000.
- Toyoda, Yoshiaki; Wakimura, Kazuo; Hase, Tadaharu; and Arashiba, Nobumasa, to Mitsui Toatsu Chemicals, Inc. Preparation process for glyoxal. 4,555,583, 11-26-85, Cl. 568-473.000.
- Toyohara, Kenichi: *See—*
  - Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.
- Toyohara, Makoto: *See—*
  - Suzuki, Tomonori; and Toyohara, Makoto, 4,545,332, Cl. 123-41.010.
- Toyohisa, Shirou: *See—*
  - Fujita, Kiyoshi; Toyohisa, Shirou; Katou, Osamu; and Ishimaru, Kenji, 4,498,988, Cl. 210-397.000.
- Toyokawa, Kazuharu: *See—*
  - Ohtani, Hiroko; and Toyokawa, Kazuharu, 4,539,506, Cl. 313-467.000.
- Toyokawa, Yasufumi: *See—*
  - Motojima, Kenji; Miyazawa, Takeshige; Toyokawa, Yasufumi; Matsuzawa, Masafumi; Hokari, Hiroshi; and Kusano, Shoji, 4,560,403, Cl. 71-106.000.
- Toyokoki Co., Ltd.: *See—*
  - Nagakura, Seiju, 4,498,328, Cl. 72-482.000.
- Toyokuni, Kazuo: *See—*
  - Yukishige, Yoshifumi; Toyokuni, Kazuo; and Kuroiwa, Yoshizo, 4,546,840, Cl. 180-169.000.
- Toyokura, Nobuo: *See—*
  - Kato, Takashi; and Toyokura, Nobuo, 4,495,219, Cl. 427-82.000.
  - Ogawa, Tetsuya; and Toyokura, Nobuo, 4,506,434, Cl. 29-571.000.
- Toyomura, Shigeru: *See—*
  - Fushimoto, Hideo; Toyomura, Shigeru; Nishimuro, Yoshiaki; Asakura, Osamu; and Rachi, Masahiro, 4,517,660, Cl. 364-708.000.
- Toyonaga, Noriyasu, to Fujitsu Limited. Data transmitting-receiving system. 4,521,878, 6-4-85, Cl. 370-19.000.
- Toyono, Tsutomu; and Onoda, Shigeyoshi, to Canon Kabushiki Kaisha. Process kit and image forming apparatus using such kit. 4,540,268, 9-10-85, Cl. 355-3.00R.
- Toyooka, Eietsu; Tomishima, Yoshio; and Nojima, Yasuhiro, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Process for polymerizing vinyl chloride with a scale prevention compound coated on a reaction surface. 4,555,555, 11-26-85, Cl. 526-62.000.
- Toyooka, Takashi; Aoki, Hirokazu; and Sugie, Mamoru, to Hitachi, Ltd. Magnetic bubble memory having auxiliary storage loops. 4,519,049, 5-21-85, Cl. 365-12.000.
- Toyooka, Takashi; Hirokazu, Aoki; Sugie, Mamoru; and Sugita, Yutaka, to Hitachi, Ltd. Signal processing circuit for magnetic bubble memory devices. 4,538,242, 8-27-85, Cl. 365-8.000.
- Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Method of controlling stop operation of rotating magnetic field for magnetic bubble memory device. 4,550,388, 10-29-85, Cl. 365-6.000.
- Toyooka, Takashi: *See—*
  - Sugie, Mamoru; Toyooka, Takashi; and Aoki, Hirokazu, 4,530,070, Cl. 365-15.000.
- Toyoshi, Seiji; Tanegawa, Tetsuo; Saeki, Masaru; and Kawakita, Tetsuya, to Ajinomoto Co., Inc. Ultrafiltration method. 4,523,999, 6-18-85, Cl. 210-639.000.
- Toyoshima, Kumao: *See—*
  - Yoshizumi, Hajime; Toyoshima, Kumao; Hakura, Akira; and Nakanishi, Toshihiro, 4,497,799, Cl. 514-9.000.
- Toyoshima, Shigeshi; Kurono, Masayasu; Unno, Ryoichi; and Ito, Koichi, to Sanwa Kagaku Kenkyusho Co. Ltd.; and Shin-Etsu Chemical Co., Ltd. Organosilicon compounds and antitumor agents containing the compound as effective component. 4,560,679, 12-24-85, Cl. 514-63.000.
- Toyosu, Yasuhiro; and Akamatsu, Norio. Electrode sets with resiliently mounted pin electrodes. 4,517,983, 5-21-85, Cl. 128-639.000.
- Toyosu, Yasuhiro: *See—*
  - Akamatsu, Norio; and Toyosu, Yasuhiro, 4,550,735, Cl. 128-639.000.
- Toyota, Akinori; and Kashiwa, Norio, to Mitsui Petrochemical Industries, Ltd. Process for producing a chemically blended propylene polymer composition and the composition produced by said process. 4,547,552, 10-15-85, Cl. 525-247.000.
- Toyota, Hideki: *See—*
  - Tomita, Takao; Akiba, Masahiro; Toyota, Hideki; and Terada, Yasuo, 4,522,029, Cl. 60-314.000.
  - Tomita, Takao; Tottori, Takumi; Terada, Yasuo; Toyota, Hideki; and Akiba, Masahiro, 4,539,813, Cl. 60-314.000.
- Toyota Jidosha Kabushiki Kaisha: *See—*
  - Abe, Shinichi; Taura, Mitsuharu; Amano, Hidetoshi; and Mizuno, Toshiaki, 4,512,320, Cl. 123-492.000.
  - Akashi, Teruo; Ito, Hiroshi; and Yamada, Shigemichi, 4,548,101, Cl. 74-720.000.
  - Amano, Hidetoshi; Abe, Shinichi; Taura, Mitsuharu; and Mizuno, Toshiaki, 4,543,937, Cl. 123-491.000.
  - Aoki, Keiji; and Tanaka, Shinichiro, 4,501,137, Cl. 73-35.000.
  - Aoki, Keiji; and Ikeda, Shinji, 4,556,035, Cl. 123-488.000.
  - Aoki, Masahiro; Nakamura, Junichi; Ida, Masatoshi; Oinoue, Kenichi; and Hayashi, Asao, 4,562,345, Cl. 250-201.000.
  - Aoyama, Yasuaki, 4,543,811, Cl. 72-332.000.
  - Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,531,420, Cl. 74-467.000.
  - Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,531,623, Cl. 192-82.00R.
  - Arai, Hajime; Haga, Shozi; and Nozaki, Tadashi, 4,539,859, Cl. 74-475.000.
  - Arai, Shigeharu, 4,537,381, Cl. 248-559.000.
  - Asano, Masumi; Ugajin, Mitsuyuki; and Isogai, Kiyoshi, 4,523,763, Cl. 277-1.000.
  - Bessho, Hironori; Takano, Yuuichi; and Aoyama, Katsuhiko, 4,528,963, Cl. 123-491.000.
  - Chujo, Yoshiki; and Noguchi, Hiroshi, 4,538,575, Cl. 123-440.000.
  - Chuwman, Tsutomu; Hagino, Tetsu; and Tsuchida, Shozaburo, 4,512,446, Cl. 188-73.380.
  - Donomoto, Tadashi; and Tanaka, Atsuo, 4,492,265, Cl. 164-493.000.
  - Donomoto, Tadashi; Tatematsu, Yoshiaki; and Tanaka, Atsuo, 4,530,875, Cl. 428-283.000.
  - Donomoto, Tadashi; Koyama, Mototsugu; Fuwa, Yoshio; Miura, Nobuhiro; and Sakakibara, Tatsuo, 4,548,126, Cl. 92-213.000.
  - Fujimura, Kazushiro; and Ito, Toshimitsu, 4,519,355, Cl. 123-491.000.
  - Fujiwara, Kousyun, 4,508,254, Cl. 227-116.000.
  - Fukuta, Kinsho, 4,522,078, Cl. 74-89.150.
  - Fukuta, Kinsho; and Kanamaru, Makoto, 4,541,672, Cl. 297-367.000.
  - Funatani, Kiyoshi; Donomoto, Tadashi; Tanaka, Atsuo; and Tatematsu, Yoshiaki, 4,548,253, Cl. 164-80.000.
  - Habu, Nobuo, 4,539,868, Cl. 74-864.000.
  - Habu, Nobuo; Osawa, Kouichi; Kato, Yuuichi; Furuhashi, Michio; Kawai, Taiyo; Saiki, Junichi; Ito, Toshio; and Nakamura, Tsutomu, 4,559,599, Cl. 364-424.100.

Hamada, Eiichi; and Hamada, Kouzou, 4,519,642, Cl. 292-247.000.
Hamada, Makoto; Hasegawa, Junji; and Oosaka, Kuniaki, 4,550,948, Cl. 296-202.000.
Hamano, Hideo, 4,554,844, Cl. 74-606.00R.
Hanaoka, Masanori, 4,561,796, Cl. 403-4.000.
Hattori, Takashi, 4,561,400, Cl. 123-478.000.
Hayashi, Kunihisa; and Nogami, Takahiro, 4,519,469, Cl. 180-169.000.
Horii, Kingo; and Masui, Takatoshi, 4,506,638, Cl. 123-325.000.
Ido, Akinori; and Uchida, Goro , 4,545,526, Cl. 237-12.30A.
Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,491,815, Cl. 335-229.000.
Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,533,847, Cl. 310-181.000.
Idogaki, Takaharu; Hayashi, Ikuo; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,561,629, Cl. 251-65.000.
Igarashi, Kouhei; and Tomita, Kazuo, 4,492,112, Cl. 73-117.300.
Igashira, Toshihiko; Kawai, Hisasi; Tanaka, Takeshi; Iwamoto, Kenzi; Abe, Seiko; and Hashimoto, Eiji, 4,512,307, Cl. 123-383.000.
Igashira, Toshihiko; Sakakibara, Yasuyuki; Abe, Seiko; Koide, Hiroshi; and Shinoda, Kazuo, 4,546,749, Cl. 123-506.000.
Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, 4,503,957, Cl. 192-4.00C.
Ikemoto, Kazuhito; Terakura, Yukio; Miyake, Takashi; and Yamamoto, Takashi, 4,509,381, Cl. 74-413.000.
Ikemoto, Kazuhito; Terakura, Yukio; and Miyake, Takashi, 4,530,253, Cl. 74-440.000.
Imamura, Toshio; Kobayashi, Syouzo; and Hirano, Yukihisa, 4,538,559, Cl. 123-90.600.
Imayoshi, Kiyoyuki, 4,519,123, Cl. 29-434.000.
Ina, Toshikazu; Obayashi, Hideki; Kawai, Hisasi; Kohama, Tokio; Sawada, Daisaku; and Shigematsu, Takashi, 4,513,721, Cl. 123-478.000.
Inagaki, Takafumi; and Ueda, Masahiro, 4,531,432, Cl. 74-866.000.
Inui, Masaki; and Yasui, Yasuyoshi, 4,494,419, Cl. 74-477.000.
Inui, Masaki; and Yasui, Yasuyoshi, 4,509,385, Cl. 74-477.000.
Inui, Masaki, 4,510,818, Cl. 74-477.000.
Inui, Masaki, 4,510,819, Cl. 74-477.000.
Inui, Masaki, 4,519,264, Cl. 74-409.000.
Inui, Masaki; and Yasui, Yasuyoshi, 4,543,844, Cl. 74-473.00R.
Inui, Masaki; and Yasui, Yasuyoshi, 4,543,846, Cl. 74-477.000.
Ishida, Yasuhiko; Mori, Taiichi; Hikita, Shigeyuki; and Horiba, Tamotsu, 4,548,625, Cl. 55-282.000.
Isobe, Toshiaki; and Fukuda, Teruo, 4,520,784, Cl. 123-492.000.
Ito, Hiroshi, 4,495,576, Cl. 364-424.100.
Ito, Takaaki; and Kato, Takashi, 4,519,957, Cl. 261-44.00C.
Ito, Toshimitsu; and Norota, Kazuhiko, 4,508,086, Cl. 123-492.000.
Ito, Toshimitsu; and Isobe, Toshiaki, 4,512,318, Cl. 123-492.000.
Ito, Toshimitsu; and Isobe, Toshiaki, 4,517,949, Cl. 123-489.000.
Ito, Toshimitsu; and Kobayashi, Nobuyuki, 4,539,958, Cl. 123-440.000.
Ito, Toshimitsu; and Kobayashi, Nobuyuki, 4,556,033, Cl. 123-440.000.
Ito, Toshimitsu, 4,557,234, Cl. 123-339.000.
Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, 4,519,353, Cl. 123-359.000.
Ito, Yoshiyasu; Kobayashi, Fumiaki; and Miyagi, Hideo, 4,520,780, Cl. 123-359.000.
Ito, Yoshiyasu; Suematsu, Toshio; Takeda, Yuji; and Anzai, Katsushi, 4,545,349, Cl. 123-339.000.
Ito, Yuji, 4,520,543, Cl. 29-227.000.
Itou, Takaaki; Katou, Takashi; and Morino, Toshiharu, 4,495,112, Cl. 261-41.00D.
Itou, Zyouzi, 4,542,851, Cl. 236-44.00C.
Itou, Zyouzi; and Akiyama, Synith, 4,544,380, Cl. 55-80.000.
Iwata, Minoru, 4,519,370, Cl. 123-432.000.
Kako, Hiroyoshi; Kobayashi, Nobuo; and Kaneyuki, Toshiaki, 4,501,540, Cl. 425-116.000.
Kako, Hiroyoshi; Kobayashi, Nobuo; Tanimoto, Iwao; and Aiba, Shigeo, 4,539,857, Cl. 74-422.000.
Kakuda, Yosiro, 4,503,487, Cl. 362-80.000.
Kanai, Takao, 4,552,032, Cl. 74-473.00R.
Kanaya, Takakuni; Kudo, Isao; and Yokota, Seiji, 4,541,299, Cl. 74-493.000.
Kanda, Mutsumi; Nakanishi, Kiyoshi; Inoue, Tokuta; and Nakajima, Mikio, 4,499,868, Cl. 123-188.00M.
Kanda, Mutsumi; Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,505,233, Cl. 123-41.350.
Kanda, Mutsumi; Inoue, Tokuta; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,506,632, Cl. 123-41.350.
Kanda, Mutsumi; Matsushita, Souichi; and Nakanishi, Kiyoshi, 4,530,312, Cl. 123-41.350.
Kanda, Tikara; and Igarashi, Toru, 4,528,755, Cl. 33-172.00R.
Kashiwagi, Hiroo, 4,498,243, Cl. 33-203.120.
Katayama, Nobuaki, 4,543,842, Cl. 74-473.00P.
Kato, Takaaki; Hirano, Yoshio; Ochiai, Takeshi; Ishikawa, Seizi; and Sakai, Kazunori, 4,497,057, Cl. 371-29.000.
Katoh, Kenji; and Chujo, Yoshiki, 4,528,961, Cl. 123-489.000.
Katoh, Yuuichi; Matsuoka, Hiroki; and Iwata, Minoru, 4,519,354, Cl. 123-472.000.
Katou, Takashi; and Itou, Takaaki, 4,506,644, Cl. 123-439.000.
Kawaguchi, Hiroshi; and Nishina, Shuho, 4,519,270, Cl. 74-535.000.
Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.
Kawai, Taiyo; Habu, Nobuo; and Matsumoto, Shinichi, 4,548,175, Cl. 123-308.000.
Kawai, Yukio; Ogawa, Toshihisa; and Yoshida, Seietsu, 4,492,199, Cl. 123-440.000.
Kawamura, Reiki; Tanaka, Takuo; Asano, Toshio; and Sawada, Yasuhiro, 4,526,420, Cl. 297-218.000.
Kawamura, Setuo, 4,494,559, Cl. 137-116.500.
Kitagawa, Katsutoshi; Isogai, Kiyoshi; Ohmori, Nobuo; Takita, Naka; Okamoto, Makoto; Koga, Itsuo; and Ito, Kazuo, 4,500,099, Cl. 277-228.000.
Kobayashi, Hideo; Kashiwagi, Takao; Yoshimura, Kunimasa; and Mae, Hisao, 4,539,942, Cl. 123-41.100.
Kobayashi, Nobuyuki; and Hattori, Takashi, 4,495,926, Cl. 123-486.000.
Kobayashi, Nobuyuki; and Ito, Hiroshi, 4,503,822, Cl. 123-416.000.
Kobayashi, Nobuyuki; Ito, Hiroshi; and Ohkawa, Nobuhisa, 4,513,710, Cl. 123-339.000.
Kobayashi, Nobuyuki; Ito, Hiroshi; and Sugiura, Yoichi, 4,543,634, Cl. 364-431.070.
Kobayashi, Nobuyuki; and Hattori, Takashi, 4,561,399, Cl. 123-478.000.
Kobayashi, Tatsuo, 4,513,717, Cl. 123-425.000.
Kobayashi, Tatsuo, 4,523,566, Cl. 123-425.000.
Kobuki, Shinzo; Kubota, Hazime; and Miyamaru, Tsuneo, 4,494,723, Cl. 248-635.000.
Kohama, Tokio; Obayashi, Hideki; Kawai, Hisasi; Ina, Toshikazu; Shigematsu, Takashi; and Tokoro, Setsuo, 4,532,798, Cl. 73-116.000.
Koide, Hiroshi, 4,491,117, Cl. 123-541.000.
Komoda, Norio, 4,533,012, Cl. 180-68.300.
Kondo, Hiroyuki; Yoshimura, Yoshikane; and Nomura, Yoshihisa, 4,527,709, Cl. 220-22.000.
Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, 4,553,018, Cl. 219-130.510.
Kozakai, Asao; Watanabe, Shingo; and Nakanishi, Nobuyasu, 4,492,414, Cl. 303-116.000.
Kuramochi, Koujiro; and Takahashi, Tokuyuki, 4,499,789, Cl. 74-740.000.
Kurusu, Toshiro; and Ishii, Hakumi, 4,538,477, Cl. 74-493.000.
Mae, Hisao; and Miyauchi, Kazuo, 4,546,732, Cl. 123-1.00A.
Maeda, Takao, 4,562,104, Cl. 428-148.000.
Maeda, Yorishige, 4,548,416, Cl. 277-140.000.
Matoba, Taketo; Morita, Yasuhiro; Arai, Noritoshi; Ishigaki, Masahiro; and Harada, Hiroshi, 4,491,429, Cl. 384-221.000.
Matsuoka, Hiroki; and Murai, Toshimi, 4,522,180, Cl. 123-489.000.
Matsushita, Souichi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,520,783, Cl. 123-492.000.
Matsuura, Tsuyoshi, 4,494,289, Cl. 29-227.000.
Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,508,682, Cl. 420-590.000.
Miura, Hirohisa; Satou, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,526,610, Cl. 75-0.5BC.
Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,382, Cl. 75-0.50C.
Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,383, Cl. 75-0.50C.
Miura, Hirohisa; Sato, Hiroshi; Natsume, Toshio; and Katagiri, Hidenori, 4,533,413, Cl. 148-420.000.
Mizuno, Hiroshi; and Ito, Hiroshi, 4,532,902, Cl. 123-417.000.
Mizutani, Shinichi; and Ajiki, Harumi, 4,523,363, Cl. 29-235.000.
Morisawa, Kunio, 4,537,092, Cl. 74-695.000.
Morita, Yasuhiro; and Tsukamoto, Yoshikazu, 4,512,990, Cl. 280-725.000.
Moriyama, Masakazu; and Saito, Takao, 4,550,317, Cl. 340-995.000.
Motoda, Masanori; Fujikawa, Atsunobu; Shuzuki, Shigeki; Suzuki, Junpei; and Nojima, Masahiro, 4,559,252, Cl. 428-57.000.
Motonami, Masanao; Yamada, Makoto; and Ogawa, Hisashi, 4,557,523, Cl. 297-468.000.
Naganawa, Tadahisa; and Matsuda, Yoshihiko, 4,559,915, Cl. 123-406.000.
Nagase, Masaomi; and Miyagi, Hideo, 4,502,439, Cl. 123-357.000.
Nakagawa, Norihisa, 4,517,941, Cl. 123-336.000.
Nakagawa, Takayoshi; and Hasegawa, Tadao, 4,545,334, Cl. 123-41.330.
Nakamata, Hideo, 4,524,503, Cl. 29-407.000.
Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; Ota, Yozo; and Morino, Toshiharu, 4,493,804, Cl. 261-44.00C.
Nakamura, Norihiko; Baika, Toyokazu; Miki, Toshio; and Kohigashi, Minoru, 4,494,495, Cl. 123-90.150.
Nakamura, Norihiko; and Baika, Toyokazu, 4,494,496, Cl. 123-90.150.
Nakamura, Norihiko; and Baika, Toyokazu, 4,498,431, Cl. 123-90.150.
Nakamura, Norihiko; Itou, Takaaki; Katou, Takashi; Takimoto, Masatami; and Teramura, Mitsuyoshi, 4,512,312, Cl. 123-439.000.
Nakamura, Norihiko; and Kato, Takashi, 4,545,350, Cl. 123-439.000.
Nakamura, Norihiko; Baika, Toyokazu; Shibata, Yoshiaki; and Miki, Toshio, 4,561,390, Cl. 123-90.150.
Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.
Nakano, Jiro; Ishibashi, Takao; Akatsuka, Takao; and Takata, Mamoru, 4,561,402, Cl. 123-489.000.
Nakasima, Mikio, 4,491,102, Cl. 123-188.00M.

Niimi, Yukihide; Yoshida, Seietsu; and Ohnaka, Hidemi, 4,501,242, Cl. 123-440.000.

Niimi, Yukihide; Kinoshita, Kenzi; and Urushidani, Masahiro, 4,501,243, Cl. 123-440.000.

Niwa, Takao; Gono, Takeshi; and Osanai, Akinori, 4,561,327, Cl. 74-866.000.

Noda, Munetaka; Tobe, Yukio; Taga, Yutaka; Nakamura, Shinya; Nakamura, Kazumasa; Inagaki, Takafumi; and Ito, Hiroshi, 4,523,281, Cl. 364-424.100.

Nogami, Takahiro; Akahori, Shigetaka; Oohori, Harumi; and Nakanishi, Nobuyasu, 4,497,395, Cl. 192-4.00A.

Nomura, Yoshihisa; Watanabe, Shingo; and Yamamoto, Shoichi, 4,541,788, Cl. 417-471.000.

Nomura, Yoshihisa; Katagiri, Masayoshi; and Sakakibara, Shigemi, 4,548,093, Cl. 74-512.000.

Nouno, Yasushi; Konishi, Masami; and Sasaki, Yoshio, 4,539,952, Cl. 123-90.360.

Ogata, Masami; and Mizuno, Toshiaki, 4,528,956, Cl. 123-440.000.

Ogawa, Hisashi; Tanaka, Yasushi; and Sato, Yoshimitsu, 4,550,923, Cl. 280-5.00A.

Ogawa, Toshihisa; Miyagi, Hideo; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,522,168, Cl. 123-198.00D.

Ogino, Shigeru, 4,541,392, Cl. 123-502.000.

Ohumi, Takeharu; Kurahashi, Yasuo; Hattori, Kyo; and Sakurai, Kazuhiro, 4,535,815, Cl. 137-625.480.

Oishi, Kiyohiko; Ishida, Yasuhiko; and Takama, Kenichirou, 4,538,412, Cl. 60-288.000.

Okawa, Susumu; Matsui, Hideaki; Jufuku, Yasunobu; and Kato, Toshimi, 4,525,160, Cl. 474-242.000.

Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.

Okumura, Takeshi; Nakanishi, Kiyoshi; and Inoue, Tokuta, 4,502,432, Cl. 123-188.00M.

Okumura, Takeshi; Nakanishi, Kiyoshi; Kanda, Mutsumi; Kotani, Takeshi; and Inoue, Tokuta, 4,503,819, Cl. 123-188.00M.

Okumura, Takeshi; Nakanishi, Kiyoshi; and Nakajima, Mikio, 4,516,544, Cl. 123-188.00M.

Okumura, Takeshi; Warashina, Tomio; and Nakanishi, Kiyoshi, 4,550,699, Cl. 123-308.000.

Onitsuka, Masaaki; and Fujiwara, Kazuyuki, 4,560,186, Cl. 280-752.000.

Onuma, Masashi, 4,506,708, Cl. 141-4.000.

Oonaka, Hidemi; and Uchitani, Nobuki, 4,527,519, Cl. 123-188.00M.

Ootani, Hisao; and Maruyamano, Satoru, 4,549,641, Cl. 192-106.200.

Otsuki, Hiromi; Kondo, Takashi; Kondo, Yoshiaki; Obata, Haruyuki; Tate, Takao; and Ishikawa, Norikatu, 4,513,945, Cl. 251-129.000.

Ozaki, Tadashi; Hattori, Tadashi; Miura, Kazuhiko; Hanaoka, Masanori; and Hashiguchi, Yukihide, 4,492,109, Cl. 73-35.000.

Saito, Kimitaka; Kohama, Tokio; Egami, Tsuneyuki; Saito, Tsutomu; Nogami, Susumu; and Suzuki, Yukio, 4,499,882, Cl. 123-492.000.

Saito, Tadashi, 4,501,167, Cl. 74-467.000.

Saito, Taiji; Kato, Mitsuhisa; and Yasunaga, Kimioki, 4,503,679, Cl. 60-605.000.

Sakakibara, Kazuo; Shimogawa, Toshiaki; Kato, Masahiko; and Matsuoka, Fumio, 4,561,606, Cl. 242-107.000.

Sakakibara, Shigemi, 4,557,354, Cl. 188-73.450.

Sakurai, Shigenori; Kamo, Takashi; Furutani, Toshinobu; Kimura, Shirou; Torisu, Yoshio; and Okazaki, Mari, 4,514,277, Cl. 204-424.000.

Sakurai, Shigenori; Kamo, Takashi; and Furutani, Toshinobu, 4,540,479, Cl. 204-427.000.

Sakurai, Shigenori; Kamo, Takashi; and Kimura, Shirou, 4,553,424, Cl. 73-27.00R.

Sasaki, Yoshio; and Saito, Kazuyuki, 4,539,953, Cl. 123-90.410.

Sato, Hiroki; Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,538,478, Cl. 74-493.000.

Sato, Kunihiko, 4,498,438, Cl. 123-418.000.

Sato, Kunihiko; and Takahashi, Hiroshi, 4,548,178, Cl. 123-478.000.

Shigematsu, Takashi; and Watanabe, Tomoyuki, 4,546,673, Cl. 74-866.000.

Shimoji, Koji; Hangeisi, Suekiti; and Itou, Keiji, 4,513,841, Cl. 181-252.000.

Shimozi, Kozi; and Teshima, Hitoshi, 4,511,536, Cl. 422-171.000.

Shinkai, Hiroaki, 4,523,262, Cl. 362-214.000.

Shinoda, Kazuo; and Kobayashi, Nobuyuki, 4,495,915, Cl. 123-357.000.

Shinoda, Kazuo, 4,495,916, Cl. 123-387.000.

Shinoda, Kazuo; Miyaki, Masahiko; Masuda, Akira; and Koide, Hiroshi, 4,505,240, Cl. 123-357.000.

Shinoda, Kazuo, 4,554,634, Cl. 364-431.100.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; and Okujo, Takeshi, 4,491,477, Cl. 75-230.000.

Suganuma, Tetsuya; and Kazuoka, Koji, 4,518,563, Cl. 419-29.000.

Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi, 4,524,046, Cl. 419-8.000.

Sugaya, Masami; Sawada, Daisaku; and Okawa, Susumu, 4,551,119, Cl. 474-28.000.

Sugiyama, Masahiko; and Nishio, Kenichi, 4,506,593, Cl. 92-212.000.

Suzuki, Ichiro; Motonami, Masanao; Yamada, Makoto; and Yoshitsugu, Noritada, 4,546,998, Cl. 280-807.000.

Suzuki, Makoto; Takimoto, Toshiyuki; Yoshioka, Mamoru; and Masui, Takatoshi, 4,527,529, Cl. 123-478.000.

Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, 4,515,131, Cl. 123-491.000.

Suzuki, Yukio; Sato, Kunihiko; and Muramatsu, Motoyasu, 4,523,570, Cl. 123-478.000.

Tabata, Masaaki; and Miyabayashi, Katsuyuki, 4,511,172, Cl. 296-146.000.

Takahashi, Juhei; Miura, Kenzo; Asano, Shogo; Sugiyama, Kunio; Kaji, Kiyokane; and Ohta, Jun, 4,497,198, Cl. 73-35.000.

Takahashi, Yoshinobu, 4,515,674, Cl. 204-292.000.

Takahasi, Yasuie; and Haga, Shozi, 4,531,418, Cl. 74-339.000.

Takami, Toshihiro; and Isobe, Masahiro, 4,508,072, Cl. 123-195.00C.

Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, 4,501,141, Cl. 73-146.000.

Takeda, Keiso, 4,538,556, Cl. 123-52.0MB.

Takeda, Keisou; and Hirata, Toshiyuki, 4,508,264, Cl. 237-12.30B.

Takeda, Keisou; and Hirata, Toshiyuki, 4,513,720, Cl. 123-470.000.

Takemura, Yukihito; and Niimi, Tomohide, 4,534,193, Cl. 70-218.000.

Takimoto, Toshiyuki; and Aoki, Keiji, 4,493,305, Cl. 123-490.000.

Takimura, Keisuke; and Hamano, Hideo, 4,513,635, Cl. 74-713.000.

Tamura, Yoshio; Ito, Takaaki; and Morino, Toshiharu, 4,508,664, Cl. 261-44.00C.

Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,516,652, Cl. 180-177.000.

Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,537,272, Cl. 180-176.000.

Taura, Mitsuharu; and Mizuno, Toshiaki, 4,535,736, Cl. 123-344.000.

Terada, Takami; Nawa, Hiroshi; and Kawamura, Reiki, 4,519,650, Cl. 297-452.000.

Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,500,476, Cl. 261-44.00C.

Teramura, Mitsuyoshi; Takimoto, Masatami; Nakamura, Norihiko; Itoh, Takaaki; Katou, Takashi; and Isoya, Yukinori, 4,562,012, Cl. 261-44.00C.

Teratani, Tatsuo; and Kodera, Masao, 4,547,731, Cl. 324-58.00R.

Teshima, Hitoshi, 4,550,795, Cl. 180-296.000.

Tomita, Tsutomu; Horio, Kimihide; and Naganawa, Tadahisa, 4,525,151, Cl. 474-101.000.

Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,530,254, Cl. 74-493.000.

Tsuchiya, Yasuhiro; and Ozawa, Hitoshi, 4,515,112, Cl. 123-41.840.

Tsukamoto, Keisuke; Nagase, Masaomi; and Matsuno, Kiyotaka, 4,561,397, Cl. 123-357.000.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,510,396, Cl. 290-30.00R.

Ueda, Masahiro, 4,550,596, Cl. 73-117.300.

Ujihashi, Michiaki; and Saiki, Junichi, 4,541,388, Cl. 123-486.000.

Urushidani, Masahiro, 4,516,551, Cl. 123-407.000.

Watanabe, Atsushi, 4,539,810, Cl. 60-39.161.

Watanabe, Hiroyuki; Osaka, Kuniaki; and Tanaka, Yasushi, 4,545,589, Cl. 280-5.00A.

Watanabe, Toshimitu; Sakai, Masayuki; Minami, Kazutoshi; and Takumi, Shigeji, 4,512,239, Cl. 98-2.030.

Yamada, Makoto; Kubota, Tatsushi; and Kojima, Ikuzo, 4,518,173, Cl. 280-806.000.

Yamaguchi, Hitohisa; Fuse, Kenichiro; and Yoshida, Takeshi, 4,516,650, Cl. 180-68.300.

Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, 4,530,041, Cl. 362-268.000.

Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, 4,542,448, Cl. 362-268.000.

Yamawaki, Takeshi; and Nishiyama, Kunio, 4,493,505, Cl. 296-63.000.

Yamawaki, Takeshi; Saitou, Tatuya; and Sugimori, Sigemi, 4,516,804, Cl. 296-214.000.

Yamawaki, Takesi, deceased; Kusuhara, Masakazu; and Saitou, Tatuya, 4,536,025, Cl. 296-37.160.

Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,501,352, Cl. 198-775.000.

Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,523,670, Cl. 198-403.000.

Yoneda, Tetsuzo; and Sato, Masanori, 4,539,865, Cl. 74-606.00R.

Yoshida, Hatsuyoshi; Fukutome, Michio; Ohuchi, Makoto; and Ohta, Jyun, 4,524,254, Cl. 200-83.00R.

Yoshida, Seiki, 4,553,896, Cl. 414-495.000.

Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, 4,535,735, Cl. 123-310.000.

Yoshitsugu, Noritada, 4,560,187, Cl. 280-804.000.

Toyota Jidosha Kogyo Kabushiki Kaisha: *See*—

- Akagi, Motonobu; Kawabata, Yasuhiro; and Hattori, Kyo, 4,530,374, Cl. 137-625.300.
- Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,553,208, Cl. 364-431.050.
- Akiyama, Susumu; Ito, Kenzo; Fukaya, Hiroyasu; Ogiso, Haruhiko; Hirabayashi, Yuji; and Kawamura, Takahide, 4,558,417, Cl. 364-431.110.
- Gomi, Koichi; and Nishio, Shigeru, 4,540,153, Cl. 251-11.000.
- Hamano, Hideo; and Koga, Yasunori, 4,516,443, Cl. 74-711.000.

- Hashimoto, Kametaro; Ushitani, Kenji; Noda, Fumiyoshi; Sugiyama, Masahiko; and Murachi, Mikio, 4,533,579, Cl. 428-36.000.
- Hattori, Takemi; and Esaki, Kozo, 4,491,364, Cl. 297-284.000.
- Idogaki, Takaharu; Kawai, Hisasi; Hattori, Kyo; and Sakurai, Kazuhiro, 4,496,134, Cl. 251-65.000.
- Idogaki, Takaharu; Kawai, Hisasi; Kosuda, Tooru; Hattori, Kyo; and Sakurai, Kazuhiro, 4,546,338, Cl. 335-229.000.
- Ikumi, Yasumasa, 4,556,150, Cl. 220-4.00B.
- Ito, Toshimitsu; Isobe, Toshiaki; and Hattori, Takashi, 4,550,373, Cl. 364-431.040.
- Katagiri, Masayoshi; and Kondo, Toshio, 4,498,559, Cl. 188-1.110.
- Kinbara, Hiroji; Matsui, Kazuma; Hattori, Yoshiyuki; Hayakawa, Hideyuki; Takizawa, Masaaki; Tamura, Masaru; and Jufuku, Yasunobu, 4,515,575, Cl. 474-13.000.
- Kitagawa, Junji; Akita, Shigeyuki; Kasegawa, Norimichi; and Nakamura, Akira, 4,522,278, Cl. 180-79.100.
- Kobayashi, Nobuyuki; and Ito, Hiroshi, 4,491,922, Cl. 364-431.070.
- Komoda, Takao, 4,554,900, Cl. 123-418.000.
- Konomi, Toshiaki; and Ishiyama, Shinobu, 4,525,781, Cl. 364-431.010.
- Kubo, Seitoku; Kuramochi, Koujiro; and Arai, Hajime, 4,528,869, Cl. 74-695.000.
- Maruyama, Katsuaki; Oishi, Yaichi; Noda, Norio; Terada, Takami; and Hyodo, Motoi, 4,537,444, Cl. 297-284.000.
- Masuda, Yoshihiko, 4,497,335, Cl. 137-244.000.
- Matsunami, Muneharu; Tsuge, Hiroshi; Kubota, Tatsushi; and Ogawa, Hisashi, 4,536,010, Cl. 280-802.000.
- Mizuno, Masataka; Ito, Tatsuo; Sugawara, Shuji; Moriyama, Masakazu; Muto, Masahito; and Nakane, Shuji, 4,506,266, Cl. 343-715.000.
- Morisawa, Kunio, 4,537,095, Cl. 74-868.000.
- Moriyama, Masakazu; and Saito, Takao, 4,493,100, Cl. 381-43.000.
- Moriyama, Masakazu; and Saito, Takao, 4,496,996, Cl. 360-12.000.
- Moriyama, Masakazu; and Saito, Takao, 4,516,207, Cl. 364-424.000.
- Moriyama, Masakazu; and Saito, Takao, 4,528,552, Cl. 340-525.000.
- Moriyama, Masakazu; Shinohara, Toshio; Hayashi, Kyozo; Noda, Shigeru; and Sakamoto, Fukuma, 4,529,263, Cl. 350-96.200.
- Motosugi, Katsuhiko; and Sasaki, Yoshio, 4,523,560, Cl. 123-308.000.
- Nagasaka, Yasumasa, 4,536,937, Cl. 29-460.000.
- Nakamura, Norihiko; Itoh, Takaaki; and Morino, Toshiharu, 4,491,550, Cl. 261-44.00C.
- Nakanishi, Kiyoshi; and Okumura, Takeshi, 4,519,346, Cl. 123-188.00M.
- Noguchi, Masaaki; Tanaka, Yukiyasu; and Igarashi, Isao, 4,491,096, Cl. 123-51.00B.
- Numazawa, Akio; Sakai, Ichio; Kumagai, Tadanobu; and Nishikawa, Seiichi, 4,508,522, Cl. 464-11.000.
- Oishi, Kiyohiko; Kobashi, Kiyoshi; and Takama, Kenichirou, 4,549,398, Cl. 60-286.000.
- Ootuka, Takayuki; and Murai, Toshiyuki, 4,550,703, Cl. 123-478.000.
- Sawabe, Masaki; and Kumagai, Tadanobu, 4,541,817, Cl. 464-111.000.
- Sugiyama, Shinichi; Chujo, Yoshiki; and Yaegashi, Takehisa, 4,491,921, Cl. 364-431.050.
- Sumiya, Koji; and Kuramochi, Kojiro, 4,509,391, Cl. 74-869.000.
- Suzuki, Yoshihiro; Kinoshita, Hiroo; Sato, Masayasu; and Ohara, Masanori, 4,528,279, Cl. 502-200.000.
- Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,864, Cl. 180-177.000.
- Tanigawa, Kou; Masuda, Jiro; Nakamura, Kazumasa; and Hayashi, Kazuhiko, 4,535,865, Cl. 180-177.000.
- Tokitsu, Naoki; Fujiwara, Toshitaka; Kato, Toranosuke; and Uno, Toshihiko, 4,500,868, Cl. 340-52.00F.
- Tokui, Masaaki; Masaoka, Toshika; and Ota, Atsushi, 4,505,318, Cl. 164-113.000.
- Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,494,497, Cl. 123-179.00B.
- Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, 4,555,006, Cl. 192-0.084.
- Watanabe, Hiroyuki; and Ohashi, Mikio, 4,494,337, Cl. 49-374.000.
- Watanabe, Hiroyuki; and Tanaka, Yasushi, 4,511,176, Cl. 296-204.000.
- Watanabe, Hiroyuki; and Tanaka, Yasushi, 4,514,008, Cl. 296-204.000.
- Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, 4,506,545, Cl. 73-119.00A.
- Yamamoto, Keniti; Suzuki, Tenji; and Sanada, Yukitomo, 4,541,302, Cl. 74-501.00R.
- Yamazaki, Masami; and Shibata, Sueo, 4,519,747, Cl. 416-244.00A.
- Yasue, Hideki; and Fukumura, Kagenori, 4,495,830, Cl. 74-467.000.
- Yokoyama, Masato; Nagasaku, Eiichi; Taya, Tosiki; and Kato, Toshiyuki, 4,560,332, Cl. 418-83.000.

Toyota, Koji: *See—*

- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,530,322, Cl. 123-188.0AA.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,897, Cl. 123-188.0AA.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,554,898, Cl. 123-188.0AA.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, 4,556,022, Cl. 123-188.0AA.

Toyota Motor Corporation: *See—*

- Kazuoka, Koji; Suganuma, Testuya; Motooka, Naoki; and Kuroishi, Nobuhito, 4,546,737, Cl. 123-188.00S.
- Moriyama, Masakazu; Shinohara, Toshio; Hirano, Kazuo; and Makino, Fumio, 4,516,121, Cl. 340-825.050.
- Naruse, Kazuo; Yokoi, Koji; and Kurokawa, Yoshiaki, 4,556,783, Cl. 219-388.000.
- Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, 4,517,030, Cl. 148-6.15R.

Toyota, Shigekata: *See—*

- Satake, Mitsuo; and Toyota, Shigekata, 4,561,084, Cl. 369-75.200.

Toyotomi Kogyo Co., Ltd.: *See—*

- Nakamura, Kazuharu; and Nakanishi, Yutaka, 4,498,862, Cl. 431-88.000.
- Nakamura, Kazuharu; Matsumoto, Motoki; Niha, Osamu; and Suzuki, Yoshio, 4,528,974, Cl. 126-202.000.
- Nakamura, Kazuharu; Matsumoto, Motoki; and Yoshino, Tooru, 4,543,057, Cl. 431-208.000.
- Nakamura, Kazuharu; and Matsumoto, Motoki, 4,544,349, Cl. 431-258.000.
- Nakamura, Kazuharu; Matsumoto, Motoki; Yoshino, Tooru; and Tsuboi, Yoshimasa, 4,545,758, Cl. 431-208.000.
- Nakamura, Kazuharu; Tsuboi, Yoshimasa; and Kondo, Akinobu, 4,550,709, Cl. 126-96.000.
- Nakamura, Kazuharu; and Tsuboi, Yoshimasa, 4,561,840, Cl. 431-22.000.

Toyozawa, Yukio: *See—*

- Sakamoto, Keiji; and Toyozawa, Yukio, 4,521,724, Cl. 318-762.000.

Toyu Food Co-Operative Corporation: *See—*

- Hosaka, Yaoji, 4,525,373, Cl. 426-634.000.

Tozawa, Takashi; Endo, Masahiro; and Eiraku, Yukio, to Mitsubishi Chemical Industries Limited. Method for reducing the phytotoxicity of agricultural machine oil and a composition useful for the method. 4,541,859, 9-17-85, Cl. 71-88.000.

Tozier, John E.; Anouchi, Abraham; and Critchlow, Richard, to Bacharach Instrument Company. Constant temperature catalytic gas detection instrument. 4,541,988, 9-17-85, Cl. 422-94.000.

Tozuka, Zenzaburo: *See—*

- Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tozuka, Zenzaburo, 4,544,751, Cl. 548-127.000.
- Takaya, Takao; and Tozuka, Zenzaburo, 4,558,047, Cl. 514-229.000.

Tozzi, Michael A.: *See—*

- Mauger, David W.; Lawrie, James W.; McCarthy, John T.; and Tozzi, Michael A., 4,527,376, Cl. 53-113.000.

Tozzolino, Pierre: *See—*

- Detienne, Jean-Louis; Levesque, Guy; and Tozzolino, Pierre, 4,521,301, Cl. 209-166.000.
- Maurice, Jacques; Guesnet, Patrice; Tozzolino, Pierre; and Muller, Guy, 4,554,137, Cl. 423-26.000.

TP Industrial, Inc.: *See—*

- Fairchild, Meredith H., 4,505,836, Cl. 252-174.140.
- Hackett, Walter J.; and Galena, Peter E., 4,526,815, Cl. 427-355.000.

TP Laboratories, Inc.: *See—*

- Hall, Arthur B., 4,516,938, Cl. 433-215.000.
- Kesling, Peter C., 4,498,867, Cl. 433-16.000.

Tra, Josef: *See—*

- Musselmann, Walter; Kinzler, Herbert; and Tra, Josef, 4,493,766, Cl. 209-362.000.

Trabandt, Hagen: *See—*

- Thielemann, Klaus; and Trabandt, Hagen, 4,542,778, Cl. 152-209.00R.

Trabbic, Thomas D. Hydraulic device. 4,507,923, 4-2-85, Cl. 60-583.000.

Traber, Walter: *See—*

- Gehret, Jean-Claude; and Traber, Walter, 4,559,357, Cl. 514-423.000.

Trabert, Ludwig: *See—*

- Lindner, Christian; Uerdingen, Walter; Hinz, Jurgen; and Trabert, Ludwig, 4,522,964, Cl. 524-71.000.

Trac 4 Inc.: *See—*

- Jones, Donald D., 4,545,458, Cl. 180-255.000.

Trace Athletic Corporation: *See—*

- Kelly, Michael J., 4,494,247, Cl. 2-24.000.

Trace Systems, Inc.: *See—*

- Hovey, Dean A.; Grundstrom, Douglas R.; and Yurchenco, James R., 4,562,347, Cl. 250-221.000.

Tracer Technologies, Inc.: *See—*

- Crouse, Dennis N.; Reynolds, James C.; and Walsh, Fraser M., 4,510,214, Cl. 429-43.000.

Tracez, Jean C.: *See—*

- Brouard, Rene A.; and Tracez, Jean C., 4,561,900, Cl. 106-246.000.

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- Fussner, Paul; Hofmann, Karl; Komaroff, Iwan; Itoh, Katsuoki; Seifert, Kurt; Trachte, Dietrich; Vogel, Wilhelm; and Vogtmann, Hans-Jorg, 4,516,729, Cl. 239-453.000.
- Hofmann, Karl; and Trachte, Dietrich, 4,545,530, Cl. 239-73.000.

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- Conn, Andrew F.; Lindenmuth, William T.; and Frederick, Gary S., 4,508,577, Cl. 134-1.000.

Tracor, Inc.: *See—*

- Klein, Elias; and Beach, Douglas J., 4,495,067, Cl. 210-87.000.

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- Dissett, Walter L.; and Bawks, James R., 4,557,158, Cl. 74-650.000.
- Neumann, Lawrence T.; and Dissett, Walter L., 4,524,640, Cl. 74-650.000.

- Traction Research, Inc.: *See—*
  - Johnson, Neil M., 4,502,736, Cl. 305-9.000.
- Tracton, Arthur A.; and Guidice, John N., to National Starch and Chemical Corporation. Process for preparing fiberboard. 4,517,240, 5-14-85, Cl. 428-326.000.
- Tracy, John A., to Alcan International Limited. Apparatus for joining lengths of metal strip. 4,534,092, 8-13-85, Cl. 29-21.100.
- Tracy, John M.: *See—*
  - Gunning, William J., III; and Tracy, John M., 4,508,964, Cl. 250-201.000.
- Tracy, Richard J. Stretchable tie-down device. 4,559,677, 12-24-85, Cl. 24-300.000.
- Tracy, Terry G.: *See—*
  - Phillips, Kevin J.; and Tracy, Terry G., 4,504,032, Cl. 244-170.000.
- Tracy, Wayne R., to Incom International Inc. Chain assembly with plug-in module. 4,501,351, 2-26-85, Cl. 198-648.000.
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  - Ku, Ming-ho, 4,559,583, Cl. 362-32.000.
- Tradigo, Angelo; and Tradigo, Francesco, to Giovanni Tradigo S.n.c. Extensible shoe shaper. 4,554,694, 11-26-85, Cl. 12-136.00B.
- Tradigo, Francesco: *See—*
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- Traenckner, Hans-Joachim: *See—*
  - Rauleder, Gebhard; Waldmann, Helmut; Bottenbruch, Ludwig; Traenckner, Hans-Joachim; and Gau, Wolfgang, 4,562,274, Cl. 549-525.000.
- Traficante, Daniel, to Exxon Research & Engineering Co. Cryogenic production of ammonia synthesis gas. 4,544,390, 10-1-85, Cl. 62-20.000.
- Tragatschnig, Jorg: *See—*
  - Hochreuther, Karl; and Tragatschnig, Jorg, 4,522,061, Cl. 73-431.000.
- Trage, Burghard; Hintzen, Franz-Josef; and Leitz, Richard, to Balcke-Duerr AG. Forced-air cooled condenser system. 4,550,570, 11-5-85, Cl. 60-693.000.
- Trager, Louis: *See—*
  - Rao, Srinivas T.; and Trager, Louis, 4,551,212, Cl. 204-52.00R.
- Trager, Seymour F.; and Chylinski, Victoria S., to Ketchum & Co. Inc. Imidazolidinyl urea and derivatives thereof for use in opthalmic solutions. 4,539,330, 9-3-85, Cl. 514-398.000.
- Trager, Seymour F.; and Chylinski, Victoria S. Injectionable viscoelastic ophthalmic gel. 4,540,568, 9-10-85, Cl. 424-81.000.
- Trager, Ulrich; Sojka, Bernward; and Lange, Hans, to Boehringer Mannheim GmbH. Composition and method for the determination of hydrogen peroxide. 4,492,754, 1-8-85, Cl. 435-28.000.
- Trahan, Fred. Crab meat extracting device. 4,513,478, 4-30-85, Cl. 17-71.000.
- Trahan, Wilson J. Wireline catcher. 4,498,563, 2-12-85, Cl. 188-65.100.
- Traiger, Irving L.: *See—*
  - Shaw, Philip S.; Sordi, Joseph J.; and Traiger, Irving L., 4,506,326, Cl. 364-300.000.
- Trail, George C., Jr., to Celanese Corporation. Apparatus for measuring the tension in an endless elongate member. 4,561,580, 12-31-85, Cl. 226-45.000.
- Trail, Mel. Valve enclosure. 4,549,568, 10-29-85, Cl. 137-382.000.
- Trail, Melvin P.: *See—*
  - Davis, Clint A.; and Trail, Melvin P., 4,561,059, Cl. 364-477.000.
- Trail-R-Van Inc.: *See—*
  - Lake, W. H. Russell, 4,533,171, Cl. 296-173.000.
- Trailigaz, Compagnie Generale de l'Ozone: *See—*
  - Marets, Maurice, 4,495,043, Cl. 204-176.000.
- Train-A-Mation, Inc.: *See—*
  - Off, Joseph W. A.; and Ferguson, Vivian, 4,534,303, Cl. 112-114.000.
- Traina, Anthony: *See—*
  - Bertellotti, Ansano; and Traina, Anthony, 4,538,211, Cl. 361-415.000.
- Trainer, Peter C. Scaffold clamp. 4,534,448, 8-13-85, Cl. 403-396.000.
- Trainor, Donna R., to W. R. Grace & Co. Foamable hot melt polymer compositions. 4,529,740, 7-16-85, Cl. 521-84.000.
- Trainor, James E.: *See—*
  - West, John D.; Trainor, James E.; and Karman, James D., 4,550,244, Cl. 219-158.000.
- Trainor, Lawrence W., deceased: *See—*
  - Mai, Anh; Kaczynski, Donald J.; and Trainor, Lawrence W., deceased, 4,510,048, Cl. 209-3.000.
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  - Zuber, Thierry; and Traiteur, Rene, 4,550,688, Cl. 122-360.000.
- Traitler, Helmut: *See—*
  - Ingenbleek, Yves; Traitler, Helmut; and Wessely, Jean-Yves, 4,526,793, Cl. 426-72.000.
- Trajin, Jean-Paul: *See—*
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  - Doorley, Richard B.; Henninger, Paul J.; Klages, Chester F., Jr.; and Shetter, Jerrold K., 4,556,127, Cl. 184-3.100.
- Trakas, Theodore C. Overlay for cathode ray tube display. 4,562,481, 12-31-85, Cl. 358-252.000.
- Tramier, Bernard: *See—*
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- Trammell, Earl M., Jr., to Idea Pioneer, Inc. Fuse puller. 4,541,311, 9-17-85, Cl. 81-3.800.
- Tramontana, Joseph C.: *See—*
  - Ridder, Robert A.; and Tramontana, Joseph C., 4,550,333, Cl. 357-81.000.
- Trampnau, Ulrich. Warning device for helicopters. 4,528,564, 7-9-85, Cl. 340-946.000.
- Tramposch, Herbert, to Pitney Bowes Inc. Load cell scale of unitized construction. 4,561,512, 12-31-85, Cl. 177-229.000.
- Tran, Danh C., to United States of America, Navy. Optical fibers having a fluoride glass cladding and method of making. 4,519,826, 5-28-85, Cl. 65-3.110.
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- Tran, Danh C.: *See—*
  - Macedo, Pedro B.; Simmons, Catherine J.; Tran, Danh C.; Lagakos, Nicholas; and Simmons, Joseph, 4,528,011, Cl. 65-30.130.
- Tran, Dat M.: *See—*
  - Kamionka, Harvey E.; Pence, Jerry W.; and Tran, Dat M., 4,528,624, Cl. 364-200.000.
- Tran-Khanh, Vien: *See—*
  - Sella, Claude; Tran-Khanh, Vien; and Martin, Jean-Claude, 4,511,451, Cl. 204-298.000.
- Tran, Roger T.: *See—*
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zisiis, Paul M., 4,500,960, Cl. 364-200.000.
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- Trane Company, The: *See—*
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  - Han, Doyoung, 4,501,125, Cl. 62-175.000.
- Tranoco, Inc.: *See—*
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- Trans-Canada Resources Ltd.: *See—*
  - Brown, Mark H., 4,528,842, Cl. 73-61.400.
- Trans-Cryption, Inc.: *See—*
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- Trans-Texas Energy, Inc.: *See—*
  - Moorehead, Robert M.; Eppler, Susan G.; and Anderson, Mardis V., 4,507,735, Cl. 364-422.000.
- Trans-World Manufacturing Corporation: *See—*
  - Franklin, Robert P., 4,561,550, Cl. 211-184.000.
  - Lasky, Richard J., 4,500,088, Cl. 272-8.00M.
- Transac-Alcatel: *See—*
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- Transaction Security, Inc.: *See—*
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- Transamerica DeLaval Inc.: *See—*
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  - Gartmann, Russell J.; and Brown, James S., 4,510,755, Cl. 60-657.000.
  - Hong Le, Da, 4,505,157, Cl. 73-756.000.
  - Jacobs, John H., 4,505,551, Cl. 350-384.000.
  - Maddox, James P.; Jolley, Jack, Jr.; Drobnick, Louis W.; and Amend, William E., 4,502,839, Cl. 415-202.000.
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  - Milish, William P., 4,537,070, Cl. 73-313.000.
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  - Samek, Norbert E., 4,533,217, Cl. 350-392.000.
  - Zajac, Chester J., 4,505,148, Cl. 73-49.200
- Transco Products, Inc.: *See—*
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- TRANSCODAN, Sven Husted-Andersen GmbH & Co. KG: *See—*
  - Forberg, Hans J., 4,540,027, Cl. 137-848.000.
- Transconsultants AB: *See—*
  - Igielska, Jadwiga, 4,530,628, Cl. 410-40.000.
- Transcopy, Inc.: *See—*
  - Burwasser, Herman, 4,528,242, Cl. 428-413.000.
- Transducers, Inc.: *See—*
  - Van Over, William E., 4,543,832, Cl. 73-720.000.
- Transensory Devices, Inc.: *See—*
  - Petersen, Kurt E., 4,525,766, Cl. 361-283.000.
  - Petersen, Kurt E.; Allen, Henry V.; and Knutti, James W., 4,543,457, Cl. 200-83.00N.

- Transfer Print Foils, Inc.: *See—*
  - Parker, Harry A., 4,535,024, Cl. 428-200.000.
- Transformatoren Union Aktiengesellschaft: *See—*
  - Altmann, Gerhard; Alber, Friedrich; and Brzuska, Lothar, 4,523,171, Cl. 336-96.000.
  - Altmann, Gerhard; Bendel, Wolfgang; Dedelmahr, Rudolf; and Pfeiffer, Richard, 4,540,536, Cl. 264-102.000.
  - Brandes, Donald, 4,531,108, Cl. 336-5.000.
  - Broszat, Gottfried, 4,510,475, Cl. 336-60.000.
  - Reiplinger, Erich, 4,497,387, Cl. 181-202.000.
- TransFRESH Corporation: *See—*
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- Transilwrap Company, Inc.: *See—*
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- Transinvest B.V.: *See—*
  - Bertels, Augustinus W. M., 4,550,259, Cl. 290-55.000.
- Transkinetics Systems, Inc.: *See—*
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- Transkrit Corporation: *See—*
  - Dicker, David, 4,492,334, Cl. 229-69.000.
- Transmation, Inc.: *See—*
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- Transmed Corporation: *See—*
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- Transnuklear GmbH: *See—*
  - Christ, Richard; Muller, Erhard; Knackstedt, Hans-Gunther; and Laug, Reiner, 4,521,691, Cl. 250-506.100.
  - Diem, Hans, 4,543,488, Cl. 250-507.100.
- Transpec, Inc.: *See—*
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  - Sears, Ronald E., 4,495,731, Cl. 49-402.000.
- Transpo Industries: *See—*
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- Transrack: *See—*
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- Transtech Industrial Corporation: *See—*
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  - Jow, Long S.; and Jow, Long J., 4,518,067, Cl. 192-0.090.
- Transworld Drilling Company: *See—*
  - Johnson, Jerry R., 4,538,939, Cl. 405-205.000.
- Tranter, Brian F.: *See—*
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- Trapanese, Salvatore P.: *See—*
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- Trapp, Turner J.: *See—*
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- Trask, Barbara J.: *See—*
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- Trassare, Anthony, Jr.: *See—*
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- Trassl, Werner, to Kraftwerk Union Aktiengesellschaft. Electrohydraulic control actuator for turbine valves. 4,500,066, 2-19-85, Cl. 251-26.000.
- Trateknik Centrum: *See—*
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- Traub, Kevin W.: *See—*
  - Taggart, Kenneth J.; and Traub, Kevin W., 4,517,821, Cl. 73-1.00C.
- Traub, Stefan, to Hewlett-Packard GmbH. Modified bridge circuit for measurement purposes. 4,528,499, 7-9-85, Cl. 324-62.000.
- Traub, Zeno P., to Eaton-Leonard Corporation. Multiple curvature bender. 4,495,788, 1-29-85, Cl. 72-157.000.
- Traugott, Stephen C.: *See—*
  - Djordjevic, Borislav B.; and Traugott, Stephen C., 4,507,969, Cl. 73-644.000.
- Traugott, Tom D.: *See—*
  - Koster, Robert A.; and Traugott, Tom D., 4,530,973, Cl. 525-310.000.
- Traumuller, Otfried; and Weinberg, Gerd, to Furnier- u. Sperrholzwerk; and J. F. Werz Jr. KG Werzalit-Pressholzwerk. Stackable box with adjustable cover. 4,550,832, 11-5-85, Cl. 206-509.000.
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- Traunecker, Werner; Frolke, Wilhelm; Kreuzer, Heinrich; and Kollmer, Hans P., to Boehringer Ingelheim KG. Lipolytic composition and method of treating obesity. 4,499,106, 2-12-85, Cl. 514-603.000.
- Traunecker, Werner: *See—*
  - Renth, Ernst-Otto; Mentrup, Anton; Schromm, Kurt; Traunecker, Werner; and Reichl, Richard, 4,546,102, Cl. 514-259.000.
- Traut, G. Robert, to Rogers Corporation. Dielectric material and method of making the dielectric material. 4,518,737, 5-21-85, Cl. 524-413.000.
- Traut, Martin: *See—*
  - Kubinyi, Hugo; Traut, Martin; and Gries, Josef, 4,500,467, Cl. 514-2.000.
  - Treiber, Hans J.; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Traut, Martin, 4,499,087, Cl. 514-211.000.
- Traut, Richard T.: *See—*
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- Trautman, Robert D., to Boeing Company, The. Retractable vertical restraint mechanism for an aircraft cargo system. 4,498,823, 2-12-85, Cl. 410-84.000.
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- Trautwein, Dieter: *See—*
  - Gerber, Richard; and Trautwein, Dieter, 4,562,317, Cl. 200-19.0DR.
- Travale, Samuel: *See—*
  - Wignall, Robert A.; and Travale, Samuel, 4,540,530, Cl. 261-92.000.
- Travassos, Luiz R.: *See—*
  - Pukel, Clifford S.; Lloyd, Kenneth O.; Travassos, Luiz R.; Dippold, Wolfgang G.; Oettgen, Herbert F.; and Old, Lloyd J., 4,507,391, Cl. 436-504.000.
- Traver, Darwin G.; Anderson, Carl M.; and Abdelhamid, Amr N., to Carrier Corporation. Pressure variation absorber. 4,504,188, 3-12-85, Cl. 415-1.000.
- Traver, Frank J., to General Electric Company. Water based resin emulsions. 4,518,727, 5-21-85, Cl. 524-35.000.
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  - Traver, Jack L.; Palmer, C. Dale; and Hughes, Richard, 4,509,593, Cl. 166-63.000.
- Travers, Christine; Chan, Trinh D.; Snappe, Roger; and Bournonville, Jean-Paul, to Institut Francais du Petrole. Process for manufacturing a catalyst comprising rhodium and at least one metal selected from the group consisting of tin, germanium and lead and the catalyst produced by the process. 4,514,515, 4-30-85, Cl. 502-154.000.
- Travers, Christine: *See—*
  - Courty, Philippe; Durand, Daniel; Travers, Christine; Chaumette, Patrick; and Forestiere, Alain, 4,552,861, Cl. 502-302.000.
- Travers, Mark D.: *See—*
  - Karagoz, Berch Y.; Turban, Martin M.; Moore, Lyman T.; and Travers, Mark D., 4,513,425, Cl. 373-88.000.
- Traversoni, Mario: *See—*
  - Neri, Carlo; Giroldini, Villiam; Traversoni, Mario; Guizzi, Guido; Perrotti, Emilio; and Rinaldi, Antonio, 4,562,266, Cl. 549-462.000.
- Travis, E. Clayton. Wall ornament for shower and bathtub enclosures. 4,536,423, 8-20-85, Cl. 428-14.000.
- Travis, James, to University of Georgia Research Foundation, Inc. Determination of oxidized α-1-proteinase inhibitor in serum or plasma. 4,493,891, 1-15-85, Cl. 435-23.000.
- Travlos, Constantine M.; Henderson, James A.; and Weixel, Mark. Contact insertion and wire lay robotic end effector apparatus. 4,549,347, 10-29-85, Cl. 29-749.000.
- Trawoger, Werner. Valve for supplying, controlling and taking out a medium contained in an implanted container. 4,534,759, 8-13-85, Cl. 604-117.000.
- Traxler, Peter, to Ciba-Geigy Corporation. Rifamycin hydrazones, pharmaceutical compositions containing them and their use. 4,551,450, 11-5-85, Cl. 514-183.000.
- Trayco Inc.: *See—*
  - Whitney, Thomas H., 4,551,869, Cl. 4-592.000.
- Trayford, Charles, III; and Petrizzi, Jeffrey M., to Environmental Safety Products, Inc. Filter cassette. 4,544,386, 10-1-85, Cl. 55-270.000.
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- Traynor, Lee, to B. F. Goodrich Company, The. Electrically conductive pyrrole polymers. 4,543,402, 9-24-85, Cl. 526-258.000.
- Traynor, Sean G.: *See—*
  - Cherney, Leon; Gorman, Charles R.; Traynor, Sean G.; and Cardenas, Carlos G., 4,533,751, Cl. 564-408.000.
- TRE Semiconductor Equipment Corporation: *See—*
  - Meshman, Boris; Kerekes, Thomas A.; Green, Lawrence S.; and Karlinsky, David, 4,550,374, Cl. 364-490.000.
  - Van Peski, Christian K.; and Meisenheimer, William L., 4,521,114, Cl. 356-401.000.
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  - Treace, Harry T.; and Griggs, Calvin, 4,510,627, Cl. 3-1.000.
- Treacy, Richard H.: *See—*
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- Treadgold, Richard C., to Dow Corning Limited. Silylation process. 4,518,787, 5-21-85, Cl. 556-442.000.
- Treadway, John E. Attachment for pneumatic hammers for punching holes of varying size. 4,545,440, 10-8-85, Cl. 173-132.000.

- Treadwell, Mark C.: *See—*
  - Harwood, Jon W.; Clegg, Michael W.; and Treadwell, Mark C., 4,537,027, Cl. 60-323.000.
- Treadwell, Stephen S.; and Isett, Donald D., to Microdynamics, Inc. Method and apparatus for accurately controlling the seam margins produced by a semi-automatic sewing machine. 4,545,310, 10-8-85, Cl. 112-121.110.
- Treadwell, Stephen S.: *See—*
  - Martell, Charles R. Leslie, Elmer N.; and Treadwell, Stephen S., 4,509,443, Cl. 112-262.100.
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- Treadwell, William A., to Eaton Corporation. Vehicle speed control. 4,513,836, 4-30-85, Cl. 180-177.000.
- Treaster, Mahlon L. Archery sights. 4,552,121, 11-12-85, Cl. 124-87.000.
- Treat, Michael R. Bipolar electrocautery surgical snare. 4,493,320, 1-15-85, Cl. 128-303.150.
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- Trebes, Fred W.: *See—*
  - Leighton, Francis; and Trebes, Fred W., 4,519,580, Cl. 251-223.000.
- Trebillon, Emile, to Rhone-Poulenc Specialites Chimiques. Preparation of ultrapure boehmites and/or pseudo-boehmites. 4,492,682, 1-8-85, Cl. 423-626.000.
- Trecan, Ltd.: *See—*
  - Turecek, Bozena, 4,503,784, Cl. 110-176.000.
- Trechsel, Hans W.; Larson, Allan B.; and Ryerse, John A., to TL Systems Corporation. Pharmaceutical filler apparatus. 4,508,148, 4-2-85, Cl. 141-147.000.
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  - Dodd, P. David; Blickenstaff, Ronald L.; Coulson, Richard L.; Moreno, Robert J.; and Trede, Brian E., 4,536,836, Cl. 364-200.000.
- Treen, Kevin L., to Codex Corporation. Multiprocessor/multimemory control system. 4,495,567, 1-22-85, Cl. 364-200.000.
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  - Pilboue, Pierre, 4,522,345, Cl. 242-55.000.
- Tregilgas, John H.; Beck, Jeffrey D.; Kinch, Michael A.; and Schaake, Herbert F., to Texas Instruments Incorporated. Method of producing homogeneously doped HgCdTe which contains a fast diffusing dopant impurity. 4,501,625, 2-26-85, Cl. 148-20.300.
- Tregilgas, John H.: *See—*
  - Beck, Jeffrey D.; Schaake, Herbert F.; Tregilgas, John H.; and Kinch, Michael A., 4,507,160, Cl. 148-191.000.
  - Schaake, Herbert F.; Tregilgas, John H.; and Beck, Jeffrey D., 4,504,334, Cl. 148-191.000.
- Trego, Brian R.: *See—*
  - Flackett, Dale R.; Jonas, Reinhard; and Trego, Brian R., 4,546,017, Cl. 427-387.000.
- Tregonning, Geoffrey R., to Westinghouse Brake and Signal Co., Ltd. Piston sealing arrangement. 4,541,640, 9-17-85, Cl. 277-152.000.
- Treharne, Richard W.; McKibben, Charlton K.; and Moles, Donald R., to Battelle Development Corporation. Arc reactor for fertilizer manufacture. 4,559,206, 12-17-85, Cl. 422-186.240.
- Treharne, Timothy J., to Pemberton Sintermatic S.A. Corrosion inhibition in sintered stainless steel. 4,536,228, 8-20-85, Cl. 148-6.15R.
- Trehin, Jacques L.: *See—*
  - Ferry, Michel F. M. S.; and Trehin, Jacques L., 4,562,525, Cl. 363-45.000.
- Treiber, Fritz F.; and Bowers, Russell F., to Hobart Corporation. Wrapping control system for film wrapping machine. 4,501,106, 2-26-85, Cl. 53-66.000.
- Treiber, Fritz F., to Hobart Corporation. Film and package handling apparatus for wrapping machine. 4,507,904, 4-2-85, Cl. 53-203.000.
- Treiber, Fritz F., to Hobart Corporation. Jam detection and removal for wrapping machine. 4,513,558, 4-30-85, Cl. 53-77.000.
- Treiber, Fritz F., to Hobart Corporation. Label applicator and method of label application. 4,561,921, 12-31-85, Cl. 156-297.000.
- Treiber, Fritz F.: *See—*
  - Rogers, Robert M.; Treiber, Fritz F.; and Bowers, Russell F. 4,501,105, Cl. 53-64.000.
- Treiber, Hans J.; Hofmann, Hans P.; Kreiskott, Horst; Teschendorf, Hans-Juergen; and Traut, Martin, to BASF Aktiengesellschaft. 7-phenyl-7-phenoxymethyl-hexahydro-1,4-oxazepines and their use. 4,499,087, 2-12-85, Cl. 514-211.000.
- Treiber, Helmut: *See—*
  - Bickl, Horst; Findeis, Gunter; and Treiber, Helmut, 4,492,458, Cl. 355-38.000.
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- Treichel, Richard; and Johnson, Daniel M., to Deere & Company. Control linkage. 4,506,560, 3-26-85, Cl. 74-473.00R.
- Treise, Jan E., to Rockwell International Corporation. Digital phase shifting apparatus which compensates for change of frequency of an input signal to be phase shifted. 4,495,473, 1-22-85, Cl. 331-10.000.
- Treise, Jan E., to Rockwell International Corporation. Range reply search apparatus. 4,555,704, 11-26-85, Cl. 343-7.300.
- Trejo, Jesse; and Spector, George. Combined snow plow, grass cutter & tiller with adjustable chair. 4,532,725, 8-6-85, Cl. 37-243.000.
- Treloar, Howard A.; and Gilbert, Robert W., to Mining Supplies (MINSUP) Pty. Ltd. Sealing assembly in fluid coupling. 4,502,701, 3-5-85, Cl. 277-92.000.
- Tremain, David L.; Beach, Burt L.; and Rimington, David J., to Houdaille Industries, Inc. Liquid sight gage cover. 4,561,305, 12-31-85, Cl. 73-323.000.
- Tremblay, Gerald J. Solar heating apparatus and method. 4,519,381, 5-28-85, Cl. 126-424.000.
- Tremblay, Paul, to Tekna Limited. Wire cutting tool. 4,513,503, 4-30-85, Cl. 30-289.000.
- Tremblay, Phillip G. L.: *See—*
  - Jarvi, Reino E.; and Tremblay, Phillip G. L., 4,539,750, Cl. 30-300.000.
- Tremblay, Real, to Universite Laval. Electromagnetic wave concentrator. 4,505,264, 3-19-85, Cl. 126-439.000.
- Tremblay, Richard P., to Kerotest Manufacturing Corp. Actuator mechanism for double bent bellows sealed rotary valve. 4,546,662, 10-15-85, Cl. 74-18.100.
- Tremblay, Richard P.: *See—*
  - Conley, Richard W.; Tremblay, Richard P.; Bolam, Charles W.; Logan, James E.; and Krueger, David A., 4,511,120, Cl. 251-2[illegible]8.000.
  - Owoc, James R.; and Tremblay, Richard P., 4,540,019, Cl. 137-557.000.
- Trembley, John F., to Entron Technologies, Inc. Method and apparatus for the conveying and radio frequency processing of dielectric materials. 4,546,226, 10-8-85, Cl. 219-10.810.
- Tremillon, Bernard: *See—*
  - Picard, Gerard; Flament, Thierry; Tremillon, Bernard; Saint-Paul, Pierre; and Spiteri, Pierre, 4,559,993, Cl. 165-1.000.
- Tremintin, Bernard, to International Business Machines Corporation. Method of characterizing reliability in bipolar semiconductor devices. 4,520,448, 5-28-85, Cl. 364-488.000.
- Tremmel, Robert A., to OMI International Corporation. Cyanide-free copper electrolyte and process. 4,521,282, 6-4-85, Cl. 204-52.00R.
- Tremmel, Robert A.; and Magd[illegible], Doina, to OMI International Corporation. Process for electrodepositing composite nickel layers. 4,549,942, 10-29-85, Cl. 204-40.000.
- Tremoulet, Olivier L., Jr.: *See—*
  - Sisson, Steve S.; Tremoulet, Olivier L., Jr.; and Mercer, John E., 4,525,911, Cl. 29-156.80R.
- Tremper, Alan W.: *See—*
  - Wert, Kathleen L.; and Tremper, Alan W., 4,540,819, Cl. 564-340.000.
- Trenary, John M.: *See—*
  - Kerr, Ronald R., deceased; Smith, David W.; and Trenary, John M., 4,534,340, Cl. 128-66.000.
- Trenco, Inc.: *See—*
  - Pray, David M., 4,545,062, Cl. 377-6.000.
- Trendler, David, to MacLean-Fogg Company. Hinged tissue cassette apparatus. 4,549,670, 10-29-85, Cl. 220-338.000.
- Treneules, Didier J.: *See—*
  - Leneveu, Louis J. J.; and Treneules, Didier J., 4,519,855, Cl. 149-21.000.
- Trenev, Alexander M.: *See—*
  - Antonov, Lyubomir Y.; Trenev, Alexander M.; Angelov, Angel M.; and Yanev, Kostadin D., 4,503,498, Cl. 364-200.000.
- Trenholm, Bruce W.; and Woolley, James G., to United States of America, Navy. Riser. 4,493,466, 1-15-85, Cl. 244-152.000.
- Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., to International Flavors & Fragrances Inc. Process for preparing acyl trimethyl cyclohexene derivatives and use of intermediates therefor in augmenting or enhancing the aroma or taste of a consumable material. 4,501,762, 2-26-85, Cl. 426-538.000.
- Trenkle, Robert W.: *See—*
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,506,104, Cl. 568-820.000.
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- Trenkler, George; and Cooper, Lawrence E., to Texas Instruments Incorporated. Inductive position sensor. 4,507,639, 3-26-85, Cl. 336-115.000.
- Trenkler, George; and Delagi, Richard G., to Texas Instruments Incorporated. Process for producing reinforced structural members. 4,538,756, 9-3-85, Cl. 228-118.000.
- Trenkler, Werner, to Dr. Ing. h.c.F. Porsche AG. Folding roof for vehicles, especially passenger motor vehicles. 4,552,401, 11-12-85, Cl. 296-219.000.
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- Trenner, Hans-Herbert, to Colgate-Palmolive Company. Apparatus for filling dispensing containers with a liquid or pasty product. 4,544,006, 10-1-85, Cl. 141-105.000.
- Trent, Bryan O.; and Tomlinson, Ronald S., to Heil-Quaker Corporation. High efficiency furnace with secondary heat exchanger. 4,542,734, 9-24-85, Cl. 126-110.00R.
- Trent, Bryan O.: *See—*
  - Tomlinson, Ronald S.; and Trent, Bryan O., 4,543,892, Cl. 110-203.000.

Trent, Harold A.: *See—*
Sydlowski, William E.; and Trent, Harold A., 4,527,449, Cl. 76-108.00R.

Trenwyth Industries, Inc.: *See—*
Kingston, Alan C., 4,499,142, Cl. 428-331.000.

Trepo, Christian, to Institut Merieux. Non-a non-b hepatitis surface antigen useful for the preparation of vaccines and methods of use. 4,542,016, 9-17-85, Cl. 424-86.000.

Treptau, Gerhard: *See—*
Hynek, Bernd; Valk, Giselher; and Treptau, Gerhard, 4,525,403, Cl. 428-87.000.

Trepus, George E., Jr.: *See—*
Barnes, John M.; Haley, Robert G.; and Trepus, George E., Jr., 4,548,861, Cl. 428-322.700.

Tres Design Co., Inc.: *See—*
Geneve, Francois M.; Heiligenstein, Luc M. D.; and Melamed, Stephen B., 4,556,253, Cl. 297-440.000.

Trescher, Viktor: *See—*
Stopp, Gerhard; Karkossa, Horst; and Trescher, Viktor, 4,508,920, Cl. 562-423.000.
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Treseder, Robert C.; and Savarese, Thomas G., to International Business Machines Corporation. Hermetically sealed disk file. 4,556,969, 12-3-85, Cl. 369-291.000.

Treskot, Robert A.: *See—*
McGarry, Phillip E.; Herman, David E.; Treskot, Robert A.; and Fistner, David C., Sr., 4,514,291, Cl. 209-166.000.

Tresser, David, to Thomas J. Lipton, Inc. Composite ice confections and processes for preparing them. 4,560,563, 12-24-85, Cl. 426-101.000.

Tressler, John H., III: *See—*
Mitchell, Gordon L.; and Tressler, John H., III, 4,497,544, Cl. 350-353.000.

Tressler, Richard E.; Stach, Joseph; and Baeten, Roger L., to Better Semiconductor Processes (BSP). Cantilevered boat-free semiconductor wafer handling system. 4,518,349, 5-21-85, Cl. 432-11.000.

Tressler, Richard E.: *See—*
Kaiser, Gregory A.; DeMunda, Gabriel P.; and Tressler, Richard E., 4,525,429, Cl. 428-566.000.
Ten Eyck, Monika O.; Kasprzyk, Martin R.; and Tressler, Richard E., 4,526,826, Cl. 428-131.000.

Trestianu, Sorin: *See—*
Munari, Fausto; Ostan, Giovanni; Saravalle, Carlo; Tosi, Bruno; and Trestianu, Sorin, 4,559,063, Cl. 55-67.000.
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Trethewey, Paul M., to Burroughs Corporation. Technique for monitoring galvo angle. 4,556,964, 12-3-85, Cl. 369-44.000.

Trett, John: *See—*
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Treu, Dennis M., to Rockwell International Corporation. Multisensor mounting apparatus. 4,531,701, 7-30-85, Cl. 248-676.000.

Treuner, Uwe D.; and Breuer, Hermann, to E. R. Squibb & Sons, Inc. 3-acylamino-2-oxoazetidine-1-(β-oxopropionic acid). 4,534,896, 8-13-85, Cl. 260-239.00A.

Treuner, Uwe D., to E. R. Squibb & Sons, Inc. 4-(3-Acylamino-2-oxo-1-azetidinyl)-4-oxo-2-butenoic acid. 4,551,277, 11-5-85, Cl. 260-239.00A.

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Breuer, Hermann; Denzel, Theodor; and Treuner, Uwe D., 4,499,016, Cl. 260-239.00A.
Breuer, Hermann; Treuner, Uwe D.; and Denzel, Theodor, 4,501,743, Cl. 514-201.000.

Treutlein, Dieter: *See—*
Hofmann, Heinrich; and Treutlein, Dieter, 4,508,397, Cl. 384-510.000.

Trevarrow, David J., to Schrader Machine & Tool, Inc. Machine tool adjustment. 4,561,815, 12-31-85, Cl. 409-227.000.

Trevino, Edward: *See—*
Hess, Edward C.; and Trevino, Edward, 4,553,309, Cl. 29-450.000.

Trevisan, Carey S.: *See—*
Yarossi, Mary E.; and Trevisan, Carey S., 4,518,553, Cl. 264-234.000.

Trevitt, Donna J.: *See—*
Bupp, James R.; Lemon, Gary K.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., 4,554,182, Cl. 427-304.000.
King, David E.; Markovich, Voya; Sambucetti, Carlos J.; Tisdale, Stephen L.; and Trevitt, Donna J., 4,534,797, Cl. 106-1.230.

Trew, John D.: *See—*
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Trewhella, Joseph M., to Multiplex Company, Inc. Dispensing apparatus. 4,535,917, 8-20-85, Cl. 222-129.100.

Trexler, Ray W., Jr., to Paccar Inc. Plug-in instrumentation system. 4,507,706, 3-26-85, Cl. 361-331.000.

Treybig, Duane S.; and Potter, James L., to Dow Chemical Company, The. Pyrazino pyrazine compounds as catalysts for preparing urethanes. 4,528,391, 7-9-85, Cl. 560-026.000.

Treybig, Duane S.; and Swearingen, Loren L., to Dow Chemical Company, The. Thermosettable polymers or prepolymers prepared from polymethylated pyrazines and aromatic polyaldehydes and cured products therefrom. 4,543,388, 9-24-85, Cl. 524-597.000.

Treyssac, Georges M.; and Morawek, Robert, to Societe Anonyme d'Etudes, de Recherches et de Productions d'Agents Chimiques. Screw driven sludge thickeners. 4,528,098, 7-9-85, Cl. 210-414.000.

Trezl, Lajos: *See—*
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Tri City Laboratory Specialists, Inc.: *See—*
Hignite, Alan L.; Wendt, Richard L.; Zeigler, Roy F.; and Zeigler, Warren L., 4,502,375, Cl. 98-115.0LH.

Tri County Tool Inc.: *See—*
Bernstein, Victor H., 4,525,908, Cl. 29-76.00C.

Tri-Med, Inc.: *See—*
Labuda, Lawrence L.; and Knodle, Daniel W., 4,558,708, Cl. 128-719.000.

Tri-Saver Corporation: *See—*
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Tri-Star Enterprises, Inc.: *See—*
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Tri-Tech Systems International Inc.: *See—*
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TRI Tool, Inc.: *See—*
Nall, Lawson H., 4,493,232, Cl. 82-4.00C.

Triangle Grinding Inc.: *See—*
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Triangle Package Machinery Co.: *See—*
Klopfenstein, King L.; Connors, Robert H.; and Bergholt, Steven P., 4,538,693, Cl. 177-25.000.

Trias, John A.; and Marez, John, to United States of America, Navy. Real-time ultra-high resolution image projection display using laser-addressed liquid crystal light valve. 4,533,215, 8-6-85, Cl. 350-347.00E.

Tribbett, Murray C., to French Oil Mill Machinery Co., The. Hydraulic press. 4,518,337, 5-21-85, Cl. 425-167.000.

Tribble, Terry B. Dispenser for particulate material in measured quantities. 4,516,701, 5-14-85, Cl. 222-361.000.

Tribe, Leonard T.: *See—*
Frait, John S.; Lowman, Clark E.; Morris, George W., III; and Tribe, Leonard T., 4,555,120, Cl. 280-6.100.

Tribuzio, Sergio: *See—*
Sujansky, Vladimir; Tribuzio, Sergio; and Paull, Jolanta, 4,507,161, Cl. 149-21.000.

Tricerri, Silvia Z.; Casagrande, Cesare; De Marchi, Franco; and Nicola, Massimo, to Pierrel S.p.A. Hydroxyimino and alkoxyimino derivatives of 1,4-dihydropyridine and anti-hypertensive compositions. 4,508,719, 4-2-85, Cl. 514-236.000.

Tricil Limited: *See—*
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Trick, Gilbert: *See—*
Smith, Gilbert L.; Swanson, David L.; and Trick, Gilbert, 4,503,837, Cl. 126-190.000.

Trick, Robert E., to Medical Engineering Corporation. Artificial sphincter with inflatable cuff. 4,549,531, 10-29-85, Cl. 128-1.00R.

Trick, Robert E., to Medical Engineering Corporation. Capacitance device for medical implant. 4,550,720, 11-5-85, Cl. 128-79.000.

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Trickey, Peter W.; Netherway, David C.; and Clifford, William S., to Westland plc. Aircraft seat. 4,525,010, 6-25-85, Cl. 297-216.000.

Trident Engineering Associates, Inc.: *See—*
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Tridgell, Eric J.: *See—*
Hall, Timothy J.; and Tridgell, Eric J., 4,550,527, Cl. 47-58.000.

Tridon, M.: *See—*
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Triebel, Walter; and Bunke, Heinz, to Patent-Treuhand Gesellschaft fur Elektrische Gluhlampen mbH. High-pressure discharge lamp having support structures for the elongate electrodes thereof. 4,559,472, 12-17-85, Cl. 313-623.000.

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Trier, Ferdinand, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Pendulum for damping or eliminating low excitation frequencies. 4,527,951, 7-9-85, Cl. 416-145.000.

Trieselt, Wolfgang: *See—*
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Trieu, Tom: *See—*
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Trigent, Inc.: *See—*
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Trigg, Mark B.: *See—*
Jack, Kenneth H.; and Trigg, Mark B., 4,506,021, Cl. 501-98.000.

Triggs, Charles W.: *See—*
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Trigilio, Gaetano T. Wind and solar electric generating plant. 4,551,631, 11-5-85, Cl. 290-55.000.

Trigometer, Inc.: *See—*
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Trigon, Jean, to L'Electricfil Industrie. Bent terminal for electrical connection. 4,531,807, 7-30-85, Cl. 339-223.00S.

- Trigourea, Spiridon, to Snyder General Corporation. Mounting curb for multiple unit air conditioning system. 4,501,193, 2-26-85, Cl. 98-33.100.
- Trihey, John M. Internal combustion engine. 4,558,670, 12-17-85, Cl. 123-308.000.
- Trikilis, Theodore N., to P I E International Inc. Publication. 4,538,833, 9-3-85, Cl. 281-2.000.
- Trilack Utrustningar AB: *See—*
  - Andersson, Arne; and Larsson, Peter, 4,518,265, Cl. 366-318.000.
- Trilli, Pat. Conveyor system and method for randomly transporting card racks to gambling tables. 4,522,400, 6-11-85, Cl. 273-148.00A.
- Trillich, Charles H.: *See—*
  - Christine, William C.; and Trillich, Charles H., 4,516,691, Cl. 222-83.500.
- Trilling, Peter: *See—*
  - Dropczynski, Hartmut; and Trilling, Peter, 4,552,316, Cl. 242-56.00R.
- Trillium Telephone Systems Inc.: *See—*
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- Trilog, Inc.: *See—*
  - Melissa, Raymond F.; Grummett, Lorne H.; and Chamberlain, John C., 4,513,661, Cl. 101-93.040.
- Trilogy Computer Development Partners, Ltd.: *See—*
  - Herrmann, John M.; and Voisin, Suzanne M., 4,536,122, Cl. 414-404.000.
- Trimble, Currillies. Cricket switch. 4,531,029, 7-23-85, Cl. 200-61.620.
- Trimble, David C., to Hercules Incorporated. Continuous crack and joint overlay. 4,502,814, 3-5-85, Cl. 404-107.000.
- Trimble, Donald E.: *See—*
  - Thomson, David W.; and Trimble, Donald E., 4,499,435, Cl. 331-44.000.
- Trimble, James L. Bicycle frame. 4,513,986, 4-30-85, Cl. 280-281.00R.
- Trimble, Lloyd C.: *See—*
  - Wenzel, James G.; and Trimble, Lloyd C., 4,497,342, Cl. 137-565.000.
- Trimedyne, Inc.: *See—*
  - Mittleman, Herbert; and Sulek, Stanislaw, 4,534,764, Cl. 604-81.000.
  - Mittleman, Herbert, 4,538,918, Cl. 366-160.000.
- Trimmer Machine Co., Inc.: *See—*
  - Raybuck, William B., 4,511,131, Cl. 270-54.000.
- Trimmer, Robert W.; and White, William I., to Miles Laboratories, Inc. Device and method for preparation of a control solution for ketone determination. 4,529,704, 7-16-85, Cl. 436-14.000.
- Trimmer, Robert W.: *See—*
  - Skjold, A. Christopher; Stover, Lonnie R.; and Trimmer, Robert W., 4,499,185, Cl. 435-19.000.
- Trimnell, Lawrence J.: *See—*
  - Kennedy, James C.; Trimnell, Lawrence J.; and Zola, Meyer J., 4,558,444, Cl. 370-58.000.
- Trindium Corporation of America: *See—*
  - Adams, William R., 4,493,736, Cl. 148-2.000.
- Trindl, Mary F., executrix: *See—*
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- Trindle, James J. Bicycle pedal and shoe. 4,538,480, 9-3-85, Cl. 74-594.500.
- Triner, Irvin R.; and Martinowich, John N., to Methode Electronics, Inc. Shorting edge connector. 4,514,030, 4-30-85, Cl. 339-176.0MP.
- Tringali, Mario, to Coten S.r.l. Structural element for constructions. 4,555,878, 12-3-85, Cl. 52-81.000.
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- Trinh, Lanh T.; and Loy, Robert W., to Bendix Corporation, The. Advance control for breakerless ignition system. 4,493,307, 1-15-85, Cl. 123-630.000.
- Trinh, Toan, to Procter & Gamble Company, The. No rinse liquid car cleaner kit with liquid cleaner and bristle pad. 4,512,677, 4-23-85, Cl. 401-27.000.
- Trinidad, Maria A. Napkin holder. 4,491,242, 1-1-85, Cl. 221-312.00R.
- Trinity Associates, a Partnership of the State of Pennsylvania: *See—*
  - Christine, William C., 4,512,136, Cl. 53-410.000.
- Trinity Foundation: *See—*
  - Christine, William C.; and Trillich, Charles H., 4,516,691, Cl. 222-83.500.
- Trinity Industrial Corporation: *See—*
  - Naruse, Kazuo; Yokoi, Koji; and Kurokawa, Yoshiaki, 4,556,783, Cl. 219-388.000.
  - Yokoe, Sadao; Abe, Seimei; Wakata, Shoichi; Endou, Satosi; and Onozawa, Kazuyoshi, 4,519,549, Cl. 239-703.000.
- Trinkel, Steven F.; Strange, Patrick E.; and Slaats, Mathew A., to Kimball International, Inc. Seat adjustment mechanism for a chair. 4,494,721, 1-22-85, Cl. 248-406.200.
- Trinks, Werner: *See—*
  - Vogel, Wolfgang; Trinks, Werner; Heilmann, Horst; Grenzendorfer, Dietmar; and Wolfermann, Dietmar, 4,503,688, Cl. 66-85.00A.
- Trinkwalder, Joseph C., to Sherwood Selpac Corp. Pressure regulator with over-pressure safety shut-off feature. 4,491,149, 1-1-85, Cl. 137-505.460.
- Trinn, Maria: *See—*
  - Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.
- Trinquier, Jacques: *See—*
  - Jouffrey, Bernard; Trinquier, Jacques; and Franceschi, Jean-Luc, 4,516,026, Cl. 250-310.000.
- Trintignac, Christian; and Jaccod, Jean-Claude, to Regie Nationale des Usines Renault. Hydraulic control device, particularly for power steering. 4,549,468, 10-29-85, Cl. 91-361.000.
- Trio Kabushiki Kaisha: *See—*
  - Hiranuma, Satoshi, 4,535,437, Cl. 369-223.000.
  - Naito, Michinori, 4,550,423, Cl. 381-13.000.
  - Naito, Michinori, 4,561,113, Cl. 455-205.000.
  - Ogawa, Atsushi, 4,517,520, Cl. 329-145.000.
  - Yanagihara, Masaki; and Iimura, Takashi, 4,516,078, Cl. 328-167.000.
- Trioliet-Mullos Silo Nederland B.V.: *See—*
  - Liet, Cornelis H.; and Liet, Fredericus, 4,538,949, Cl. 414-24.600.
- Triolo, Innocenzo: *See—*
  - Bonfiglioli, Silverio; and Triolo, Innocenzo, 4,524,742, Cl. 123-438.000.
- Triolo, Philip M.: *See—*
  - Andrade, Joseph D.; Triolo, Philip M.; Smith, Lee M.; and Miller, Frank J., 4,508,606, Cl. 204-169.000.
- Triolo, Rocco P., to Scotfoam Corporation. Polyurethane foam and a microbiological metabolizing system. 4,503,150, 3-5-85, Cl. 435-41.000.
- Trion Corporation: *See—*
  - Aoki, Akio, 4,513,450, Cl. 2-19.000.
- Trion Industries, Inc.: *See—*
  - Thalenfeld, David R., 4,512,481, Cl. 211-57.100.
- Triouleyre, Jean; Rousselin, Jean; Schmit, Patrick; and Gondry, Philippe, to Ets. Y. Jouanel S.A. Automatic sheet metal folding machine. 4,510,785, 4-16-85, Cl. 72-323.000.
- TrioVing A/S: *See—*
  - Sornes, Tor, 4,519,228, Cl. 70-276.000.
  - Wiik, Tore H.; Pettersen, Arild; and Tonnesson, Thorstein, 4,562,343, Cl. 235-382.500.
- Trip Lite Limited: *See—*
  - Plucknett, Derek W., 4,545,543, Cl. 242-47.010.
  - Plucknett, Derek W., 4,558,834, Cl. 242-152.100.
- Tripathy, Sukant K.: *See—*
  - Carter, Gary M.; Chen, Yung-Jui; and Tripathy, Sukant K., 4,531,809, Cl. 350-96.190.
- Tripier, Dominique: *See—*
  - Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, 4,500,450, Cl. 260-112.00R.
  - Seipke, Gerhard; Tripier, Dominique; and Johnscher, Gerd, 4,526,717, Cl. 260-112.50R.
- Triplett, Charles G. Vehicular mounted piezoelectric generator. 4,504,761, 3-12-85, Cl. 310-800.000.
- Triplett, James T. Walk-in globe. 4,530,666, 7-23-85, Cl. 434-141.000.
- Triplett, Richard A. Track type four sprocket wheel drive crawler tractor. 4,519,465, 5-28-85, Cl. 180-6.480.
- Tripodi, Robert R.: *See—*
  - Rossi, Vince; Miller, James R.; Tetrault, Leonard P.; and Tripodi, Robert R., 4,505,426, Cl. 236-47.000.
- Tripp, Dale S.; and Kunkle, Timothy E., to White Consolidated Industries, Inc. Erosion resistant soft seated valve trim. 4,557,463, 12-10-85, Cl. 251-210.000.
- Tripp, Edwin P., III: *See—*
  - Nablo, Sam V.; and Tripp, Edwin P., III, 4,521,445, Cl. 427-44.000.
- Tripp, Jeff; Allen, John; and Murphy, F. Merrick. Apparatus for providing extended versatility in a keyboard-controlled musical instrument in pitch variation, tone alteration characteristics and the like. 4,498,365, 2-12-85, Cl. 84-1.240.
- Trippe, Jerry C.: *See—*
  - Hadermann, Albert F.; Trippe, Jerry C.; and Waters, Paul F., 4,501,828, Cl. 523-309.000.
- Trippel, Gerhard: *See—*
  - Brunsch, Arwed; Ruh, Wolf-Dieter; and Trippel, Gerhard, 4,512,847, Cl. 156-626.000.
- Triscari, Joseph: *See—*
  - Hamilton, James G.; Sullivan, Ann C.; Tobias, Lawrence D.; and Triscari, Joseph, 4,500,540, Cl. 514-397.000.
- Trischler, Erwin, to Siemens Corporate Research & Support, Inc. Random testing using scan path technique. 4,534,028, 8-6-85, Cl. 371-25.000.
- Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., to Ukrainsky Nauchnoissledovatelsky Institut Metallov. Roll-forming machine for making articles having cross-sectional configurations varying lengthwise. 4,558,577, 12-17-85, Cl. 72-12.000.
- Trisolini, George S. Cleaning apparatus. 4,506,403, 3-26-85, Cl. 15-229.00B.
- Trisolini, George S. Self-wringing mop. 4,561,141, 12-31-85, Cl. 15-3.000.
- Trispel, Stephan; and Rau, Gunter, to Forschungsgesellschaft fur Biomedizinische Technik e.V. Arrangement for the carrying out of eye examination. 4,550,990, 11-5-85, Cl. 351-243.000.
- Trissler, Hans-Dieter: *See—*
  - Goller, Ernst; Kazmaier, Gunther; Trissler, Hans-Dieter; and Schmidt, Henning, 4,503,689, Cl. 66-149.00R.

- Tritec Industries, Inc.: *See—*
  - Hauser, Hugo, 4,541,455, Cl. 137-516.270.
- Triten Corporation: *See—*
  - Baumgartner, Gary J.; Walter, Carl E.; and Post, Arthur J., Jr., 4,557,804, Cl. 202-227.000.
- Tritsch, Ludwig, to Personal Products Company. Resealable adhesive tab fastener. 4,552,560, 11-12-85, Cl. 604-390.000.
- Tritten, Paul: *See—*
  - Batigne, Jean; Deslandes, Claude; Gillot, Jacques; and Tritten, Paul, 4,541,976, Cl. 264-69.000.
- Tritter, Stephen D. Function generators. 4,516,107, 5-7-85, Cl. 338-89.000.
- Tritton, Gary E.: *See—*
  - Tritton, Victor R.; Tritton, Gary E.; and Chevillard, Francis, 4,527,308, Cl. 24-30.50R.
- Tritton, Victor R.; Tritton, Gary E.; and Chevillard, Francis, to Les Entreprises Tritton Ltee. Shield. 4,527,308. 7-9-85, Cl. 24-30.50R.
- Triumph-Adler A.G. fur Buro- und Informationstechnik: *See—*
  - Bergermann, Franz; and Prufer, Michael, 4,504,825, Cl. 340-709.000.
  - Bergermann, Franz; and Prufer, Michael, 4,528,560, Cl. 340-709.000.
  - Bohmer, Christian, 4,511,270, Cl. 400-214.000.
  - Engemann, Detlef; Fischer, Dieter; and Kleeberg, Heinz, 4,531,062, Cl. 250-578.000.
  - Engemann, Detlef; Fischer, Dieter; and Vatterott, Karl-Heinz, 4,544,842, Cl. 250-227.000.
  - Fischer, Dieter; and Vatterott, Karl-Heinz, 4,546,288, Cl. 315-169.400.
  - Fischer, Dieter, 4,551,622, Cl. 250-211.00R.
  - Geis, Heinz; Lautenschlager, Heinz; Schulte, Harmut; and Uliczka, Siegmund, 4,507,102, Cl. 474-101.000.
  - Hildel, Heinz; Schnell, Wolfgang; and Westphal, Gerald, 4,534,668, Cl. 400-477.000.
  - Hirzinger, Peter; and Vatterott, Karl-Heinz, 4,523,866, Cl. 400-124.000.
  - Horman, Richard; and Rettke, Wilfried, 4,530,613, Cl. 400-708.000.
  - Lendl, Joseph, 4,553,861, Cl. 400-120.000.
  - Meinhardt, Heinrich; Berger, Alfons; and Zimmerman, Harald, 4,504,015, Cl. 241-3.000.
- Trivedi, Bharat; Hamilton, Harriet; and Moos, Walter, to Warner-Lambert Company. N6-(1- and 2-benzocycloalkyl) adenosines. 4,501,735, 2-26-85, Cl. 514-46.000.
- Trivedi, Jitendra K.: *See—*
  - Morris, Arnold M.; and Trivedi, Jitendra K., 4,537,286, Cl. 187-1.00A.
- Trivedi, Ramesh C.: *See—*
  - Nix, Paul T.; Goldfarb, Rebecca D.; Stong, Linda J.; Sulick, Loraine E.; Trivedi, Ramesh C.; and Morgenstern, Stanley W., 4,505,756, Cl. 127-29.000.
- Trivette, Chester D., Jr., to Monsanto Company. Rubber compositions and method for treating rubber with hydroxymethyl sulfinic salts. 4,493,925, 1-15-85, Cl. 525-353.000.
- Trobaugh, Arnold G., to Johnson Service Company. Control air exhaust for humidistat. 4,497,435, 2-5-85, Cl. 236-44.00A.
- Trobough, Douglas W.: *See—*
  - Helton, Raymond L.; Trobough, Douglas W.; and McPherson, Marianne, 4,496,438, Cl. 204-44.000.
- Trobridge, Gary W.: *See—*
  - Seffernick, Lewis L.; and Trobridge, Gary W., 4,543,714, Cl. 29-845.000.
- Trochoid Power Corporation: *See—*
  - Hoffmann, Ralph M., 4,551,083, Cl. 418-61.00A.
- Troebel, Werner, to Siemens Aktiengesellschaft. Plug-in base for low-voltage circuit breakers. 4,491,897, 1-1-85, Cl. 361-353.000.
- Troebs, Charles J.: *See—*
  - Van Ocker, William G.; Pawlenko, Ivan; Reider, Donald F.; Troebs, Charles J.; Clair, Robert A.; and Crandall, Stanley C., 4,493,572, Cl. 400-196.100.
- Troesch, Juerg; and Portmann, Walter, to Sandoz Ltd. Fillers dyed with polycationic dyestuffs useful for coloring paper and non-woven fabrics. 4,543,128, 9-24-85, Cl. 106-23.000.
- Troesch, Jurg, to Sandoz Ltd. Method of dyeing a glass substrate with a polycationic dyestuff. 4,543,103, 9-24-85, Cl. 8-523.000.
- Trofimenkoff Engineering, Ltd.: *See—*
  - Trofimenkoff, Frederick N.; Bhagwan, Jai; and Poscente, Sandro P., 4,558,301, Cl. 340-347.0AD.
- Trofimenkoff, Frederick N.; Bhagwan, Jai; and Poscente, Sandro P., to Trofimenkoff Engineering, Ltd.; Bhagwan, Jai; Poscente, Sandro; and University of Calgary, Governors of the. Voltage-to-frequency and analog-to-digital converter circuit. 4,558,301, 12-10-85, Cl. 340-347.0AD.
- Troger, Wolfgang; Mesmer, Otto; and Friedrichs, Renate, to Vorwerk & Co. Interholding GmbH. Aerosol cleaning agent for textile surfaces. 4,561,992, 12-31-85, Cl. 252-155.000.
- Troglia, Claudio: *See—*
  - Zamboni, Valentino; Brichta, Corrado; and Troglia, Claudio, 4,518,731, Cl. 524-166.000.
- Trojan, Paul K.: *See—*
  - Bilek, Paul J.; Flinn, Richard A.; McCluhan, Thomas K.; and Trojan, Paul K., 4,545,817, Cl. 75-123.00E.
- Trojan, Vaclav: *See—*
  - Novak, Vaclav; Prusek, Jaroslav; and Trojan, Vaclav, 4,522,699, Cl. 204-434.000.
- Trojnar, Jerzy A.: *See—*
  - Melin, Per O. R.; and Trojnar, Jerzy A., 4,504,469, Cl. 514-11.000.
- Trok, Benjamin: *See—*
  - Andersson, Jan; Swedberg, Valter; Trok, Benjamin; and Paulsson, Kurt, 4,529,841, Cl. 179-18.0BE.
- Trokhan, Paul D., to Procter & Gamble Company, The. Deflection member. 4,528,239, 7-9-85, Cl. 428-247.000.
- Trokhan, Paul D., to Procter & Gamble Company, The. Tissue paper. 4,529,480, 7-16-85, Cl. 162-109.000.
- Trolle, Sten. Saucepan, particularly for use by disabled persons. 4,506,657, 3-26-85, Cl. 126-373.000.
- Trolle, Sten. Apparatus for sorting packagings such as cans based on the material thereof. 4,542,689, 9-24-85, Cl. 100-215.000.
- Trolle, Sten. Device for sorting and compressing packagings, principally beverage cans, in several stages. 4,550,658, 11-5-85, Cl. 100-215.000.
- Trombert, John F. Aperture wheel. 4,516,842, 5-14-85, Cl. 354-4.000.
- Trombly, Edgar F., to Thermo-Serv, Inc. Container and closure assembly. 4,561,562, 12-31-85, Cl. 220-306.000.
- Trommen, Hartmut: *See—*
  - Rother, Bruno; and Trommen, Hartmut, 4,515,547, Cl. 425-215.000.
- Trommer, Reiner, to Siemens Aktiengesellschaft. Manufacturing method for a planar photodiode with hetero-structure. 4,505,765, 3-19-85, Cl. 148-171.000.
- Tromp, Petrus J.: *See—*
  - Ratcliffe, Charles T.; and Tromp, Petrus J., 4,517,171, Cl. 423-648.00R.
- Tromp, Wouter T.: *See—*
  - Bittner, Franz; Poortman, Boudewijn J.; Rademacher-Dubbick, Kristian; Roskam, Abram K.; Stevens, Udo; Tromp, Wouter T.; Beisler, Walter; Bock, Seigfried; and Bertsch, Hermann, 4,507,975, Cl. 73-861.120.
- Troncoso, Vincent F. Compound archery bow assembly. 4,542,732, 9-24-85, Cl. 124-24.00R.
- Trong, Linh N.; and Chevrier, Jean, to Thomson-CSF. Epitaxial structure with increased piezoelectric effect and a surface acoustic wave electronic device comprising such a structure. 4,539,501, 9-3-85, Cl. 310-313.00A.
- Tronich, Wolfgang: *See—*
  - Arndt, Otto; Papenfuhs, Theodor; and Tronich, Wolfgang, 4,552,970, Cl. 548-543.000.
  - Wykypiel, Werner; and Tronich, Wolfgang, 4,507,491, Cl. 560-020.000.
- Trop, Moshe, to Ben-Gurion University of the Negev Research and Development Authority. Powdered compositions and process for the manufacture of non-gelled acidified milk product drinks. 4,530,850, 7-23-85, Cl. 426-584.000.
- Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F. Method and apparatus for removing condensate and oil particles from a stream of compressed air used in the production of snow. 4,534,178, 8-13-85, Cl. 62-124.000.
- Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F. Method and apparatus for producing snow at marginal ambient temperatures and eliminating compressed air line freeze-up and oil contamination. 4,541,250, 9-17-85, Cl. 62-532.000.
- Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F. Method and apparatus for automatically making snow. 4,545,529, 10-8-85, Cl. 239-2.00S.
- Tropeano, Joseph T.: *See—*
  - Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F., 4,534,178, Cl. 62-124.000.
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  - Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F., 4,545,529, Cl. 239-2.00S.
- Tropeano, Thomas F.: *See—*
  - Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F., 4,534,178, Cl. 62-124.000.
  - Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F., 4,541,250, Cl. 62-532.000.
  - Tropeano, Joseph C.; Tropeano, Joseph T.; and Tropeano, Thomas F., 4,545,529, Cl. 239-2.00S.
- Tropicana Products, Inc.: *See—*
  - Bonnell, James M., 4,497,838, Cl. 426-429.000.
  - Skukowski, William T., 4,513,027, Cl. 427-162.000.
- Troponwerke GmbH & Co. KG: *See—*
  - Boltze, Karl-Heinz; and Horstmann, Harald, 4,513,004, Cl. 14-414.000.
  - Opitz, Wolfgang; Jacobi, Haireddin; and Pelster, Bernhard, 4,539,402, Cl. 544-247.000.
- Trosky, William J.: *See—*
  - Moore, William H.; Mandel, Alan F.; Trosky, William J.; Eichler, Kenneth M.; Tomas, Stephen P.; Tober, Edward; and Vasold, Thomas A., 4,512,442, Cl. 187-29.00R.
- Trost, David, to Perkin-Elmer Corporation, The. Simple electromechanical tilt and focus device. 4,504,144, 3-12-85, Cl. 356-150.000.
- Trost, David; and Galburt, Daniel, to Perkin-Elmer Corporation, The. Electro-magnetic alignment apparatus. 4,506,205, 3-19-85, Cl. 318-653.000.
- Trost, David, to Perkin-Elmer Corporation, The. Electro-magnetic alignment assemblies. 4,507,597, 3-26-85, Cl. 318-653.000.
- Trost, Nikolaus B.; and Groos, Heinz, to Theodor Grabener, Firma. Blank-feeding system for die-stamping press. 4,549,419, 10-29-85, Cl. 72-4.000.
- Trost, Wayne C., to Barber-Colman Company. Feeding and guiding means for triaxial fabric forming machine. 4,512,373, 4-23-85, Cl. 139-11.000.

Troster, Helmut: *See—*
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Trostle, D. Mark; Kaltz, Milton C.; Moler, Ronald; and Cowsert, Lendell E., to ASC Incorporated. Convertible top boot cover. 4,512,606, 4-23-85, Cl. 296-130.000.
Trotel, Jacques: *See—*
de Chambost, Emmanuel; and Trotel, Jacques, 4,492,870, Cl. 250-398.000.
Trotin, Jean-Pierre: *See—*
Bourgeois, Serge; Carle, Jean-Franqois; Lochon, Henri; and Trotin, Jean-Pierre, 4,516,525, Cl. 118-688.000.
Trotman, Helen H.; and Trotman, Herbert H. Underbody cushioning and ventilating structure and general utility formed plastic sheet. 4,529,248, 7-16-85, Cl. 297-453.000.
Trotman, Herbert H.: *See—*
Trotman, Helen H.; and Trotman, Herbert H., 4,529,248, Cl. 297-453.000.
Trott, Delano B., to Beringer Co., Inc. Apparatus for continuous polymer filtration. 4,511,472, 4-16-85, Cl. 210-340.000.
Trott, Millard C. Playing court and method of use. 4,518,166, 5-21-85, Cl. 273-411.000.
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Lagakos, Nicholas; and Trott, W. James, 4,530,078, Cl. 367-149.000.
Trotta, Patrick A.; and Zak, Paul A., to Texas Instruments Incorporated. Low dispersion infrared glass. 4,492,763, 1-8-85, Cl. 501-40.000.
Trotta, Robert A., to Gillette Company, The. Correction fluid dispenser having a retractable and lockable sealing tip. 4,511,273, 4-16-85, Cl. 401-260.000.
Trotter, Donald J., to Santrade Ltd. Flux retainer. 4,500,765, 2-19-85, Cl. 219-73.210.
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Borrelli, Nicholas F.; and Trotter, Donald M., 4,518,222, Cl. 350-167.000.
Trotter, Donald M., Jr., to Corning Glass Works. Metal patterns on photosensitive glasses. 4,526,785, 7-2-85, Cl. 428-209.000.
Trotter, Lamar S. Portable washing and spray assembly. 4,509,545, 4-9-85, Cl. 134-199.000.
Trotter, Ralph R.: *See—*
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Trottmann, Bruno, to C. Hoegger & Cie. AG. Feeding machine and receiving device for apportioned sausage chains. 4,494,276, 1-22-85, Cl. 17-1.00F.
Trotz, Samuel I.; and Farmer, Douglas A., Jr., to Olin Corporation. Process for the prevention or reduction of discoloration of sodium pyrithione. 4,533,736, 8-6-85, Cl. 546-290.000.
Trouilhet, Yves: *See—*
Boegli, Jean-Charles; and Trouilhet, Yves, 4,501,145, Cl. 73-204.000.
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Trouillet, Jean: *See—*
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Troukens, Theo; and Mattelin, Antoon, to Siemens Aktiengesellschaft. Method for adjusting a reference signal for a laser device operating in a giant pulse mode. 4,539,481, 9-3-85, Cl. 250-557.000.
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Troup, Alan; Strassler, Sigfrid; Guttinger, Hannes; and Pfister, Gustav, to Cerberus AG. Device for the detection of foreign components in a gas and an application of the device. 4,543,815, 10-1-85, Cl. 73-28.000.
Troup, Alan P.; Guttinger, Hannes; and Pfister, Gustav, to Cerberus AG. Method and apparatus for reporting dangerous conditions. 4,551,710, 11-5-85, Cl. 340-505.000.
Troup, David L.: *See—*
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Troup, Leon M. Apparatus for applying lap sealant. 4,535,920, 8-20-85, Cl. 222-612.000.
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Phelps, Frankie E.; Boget, Paul J.; and Troup, Robert L., 4,511,666, Cl. 501-98.000.
Stevenson, David T.; and Troup, Robert L., 4,491,472, Cl. 75-10.00R.
Troupel, Michel: *See—*
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Weidler, Charles H.; and Trout, George E., 4,553,808, Cl. 339-97.00R.
Trout, John F.; and Hoffman, John J., to Lily Corporation. Injection nozzle for adhesive materials. 4,509,884, 4-9-85, Cl. 405-269.000.
Troutman, Bruce L.: *See—*
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Troutman, Richard C.; and McGregor, Walter, to Ethicon, Inc., a part interest. Multiple curved surgical needle. 4,524,771, 6-25-85, Cl. 128-339.000.
Troutman, Ronald R.: *See—*
Bansal, Jai P.; Bertin, Claude L.; and Troutman, Ronald R., 4,555,721, Cl. 357-42.000.
Ellis, Wayne F.; Griffin, William R.; and Troutman, Ronald R., 4,542,310, Cl. 307-578.000.
Kinney, Wayne I.; Koburger, Charles W., III; Lasky, Jerome B.; Nesbit, Larry A.; Troutman, Ronald R.; and White, Francis R., 4,558,508, Cl. 29-571.000.
Troutman, Samuel J., Jr.; and Hixenbaugh, D. Wayne, to Dynatech Frontier Corporation. Manometer. 4,535,634, 8-20-85, Cl. 73-747.000.
Troutner, Arthur L., to Trus Joist Corporation. Transformer rack support bracket apparatus. 4,558,789, 12-17-85, Cl. 211-107.000.
Troutner, Vernon H., to Extracorporeal Medical Specialties Inc. Hemodialysis access monitors. 4,501,583, 2-26-85, Cl. 604-118.000.
Trovati, Aldo, to RESEM, S.p.A. Aqueous dispersions of polyurethanes from oligo urethanes having unsaturated terminal groups. 4,497,932, 2-5-85, Cl. 524-591.000.
Troxell, John N., Jr., to Cameron Iron Works, Inc. Shearing type blowout preventer. 4,537,250, 8-27-85, Cl. 166-55.000.
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Johnston, Howard; and Troxell, Lillian H., 4,491,468, Cl. 71-94.000.
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  - Johnson, Raymond G., Jr.; Trustee, Bill L.; and Fischer, William C., 4,534,702, Cl. 416-20.00R.
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  - Miller, Gardner H., 4,516,779, Cl. 273-186.00C.
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  - Tacheny, John C.; and Schema, Anthony C., 4,521,993, Cl. 49-325.000.
  - Vetter, Gregory J., 4,497,135, Cl. 49-280.000.
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  - Hackenbeck, Dietmar; and Marx, Hans-Jurgen, 4,544,106, Cl. 241-101.00A.
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  - Jagst, Peter, 4,545,093, Cl. 19-159.00R.
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  - Leifeld, Ferdinand, 4,506,413, Cl. 19-105.000.
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  - Reiche, Werner, 4,531,262, Cl. 19-145.500.
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  - Zeidl, Horst J., 4,538,936, Cl. 403-402.000.
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  - Adams, Frederick J., 4,544,131, Cl. 251-309.000.
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  - Allard, Ira L., 4,554,038, Cl. 156-196.000.
  - Befort, Horst U., 4,529,145, Cl. 242-107.40A.
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  - Bergin, Thomas F., 4,493,616, Cl. 417-53.000.
  - Betts, Bruce A., 4,548,643, Cl. 75-124.000.
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  - Deller, David L., 4,560,308, Cl. 407-53.000.
  - Dennis, Alan J., 4,560,226, Cl. 339-99.00R.
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Rau, Jim L., 4,507,920, Cl. 60-443.000.
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  Kurahashi, Osamu; Tsuchida, Takayasu; Kawashima, Hiroki; Enei, Hitoshi; and Nakamori, Shigeru, 4,504,581, Cl. 435-107.000.
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Tsuchihashi, Michihiro: *See—*
  Yamazaki, Hiroyoshi; Minagawa, Yoshiji; Tsuchihashi, Michihiro; Anzai, Yoshinori; and Kajiwara, Toshiro, 4,544,862, Cl. 315-209.00R.
Tsuchikawa, Haruo; and Kai, Junichi, to Fujitsu Limited. Scanning electron beam exposure system. 4,516,030, 5-7-85, Cl. 250-492.200.
Tsuchikawa, Shunzo; Hayashi, Masaharu; and Hori, Takanobu, to Aisin Seiki Kabushiki Kaisha. Cooling fan for internal combustion engine. 4,505,641, 3-19-85, Cl. 416-189.000.
Tsuchikawa, Shunzo; and Kawabata, Yasuhiro, to Aisin Seiki Kabushiki Kaisha. Engine cooling system. 4,539,943, 9-10-85, Cl. 123-41.050.
Tsuchikawa, Syunzo: *See—*
  Hayashi, Masaharu; Tsuchikawa, Syunzo; and Itakura, Masato, 4,519,343, Cl. 123-41.490.
Tsuchikura, Akira: *See—*
  Ogawa, Masaki; Hirata, Yasushi; and Tsuchikura, Akira, 4,499,228, Cl. 524-413.000.
Tsuchimoto, Hiroshi; Suzuki, Yasuro; and Owada, Takeyoshi, to Hitachi, Ltd. Rotary electric machine operable with changeable rated voltage. 4,547,689, 10-15-85, Cl. 310-71.000.
Tsuchimoto, Takamitsu: *See—*
  Hattori, Akira; and Tsuchimoto, Takamitsu, 4,550,367, Cl. 364-200.000.
Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, to Nichias Corporation; and Japan Exlan Company Limited. Gasket sheet. 4,546,033, 10-8-85, Cl. 428-290.000.
Tsuchino, Hisanori; Teshima, Manami; Takeuchi, Hiroshi; and Shimada, Fumio, to Konishiroku Photo Industry Co., Ltd. Method for converting radiographic images. 4,507,379, 3-26-85, Cl. 430-139.000.
Tsuchita, Kenji; Domon, Kozo; and Takahashi, Fuminobu, to Hitachi, Ltd. Ultrasonic flaw detector driving apparatus of a trackless type. 4,531,413, 7-30-85, Cl. 73-637.000.
Tsuchiya, Chikara: *See—*
  Nishimori, Eiji; Tsuchiya, Chikara; and Sano, Yoshiaki, 4,551,644, Cl. 307-573.000.
  Sano, Yoshiaki; Tsuchiya, Chikara; and Maida, Osamu, 4,525,637, Cl. 307-350.000.

Tsuchiya, Eiichi, to Victor Company of Japan, Ltd. Adapter for a miniature type tape cassette. 4,554,603, 11-19-85, Cl. 360-94.000.

Tsuchiya, Hiraku: *See—*
- Onoe, Yoshinori; Takagi, Hiroshi; Ikenaga, Satoru; Tsuchiya, Hiraku; Murakami, Shohei; and Nakao, Masakazu, 4,541,473, Cl. 164-444.000.

Tsuchiya, Hiroaki: *See—*
- Ueno, Ryuzo; Tsuchiya, Hiroaki; and Itoh, Shigeru, 4,530,724, Cl. 106-288.00Q.

Tsuchiya, Hiroo: *See—*
- Hayashi, Saburo; Tsuchiya, Hiroo; and Haruna, Kazuo, 4,529,412, Cl. 55-25.000.

Tsuchiya, Hiroshi: *See—*
- Seimiya, Ryubun; Tarumi, Noriyoshi; Kokiso, Masakazu; and Tsuchiya, Hiroshi, 4,511,622, Cl. 428-323.000.

Tsuchiya, Hiroyoshi; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Otsuka, Hirotaka, to Matsushita Electric Industrial Co., Ltd. Method and apparatus for processing image signal. 4,551,768, 11-5-85, Cl. 358-283.000.

Tsuchiya, Hiroyoshi: *See—*
- Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.
- Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.

Tsuchiya, Koji: *See—*
- Kunihiro, Takatoshi; and Tsuchiya, Koji, 4,521,296, Cl. 208-87.000.

Tsuchiya, Makoto: *See—*
- Kawamura, Kazunori; Yamashita, Shinichi; Yokoyama, Yuichi; and Tsuchiya, Makoto, 4,540,761, Cl. 526-245.000.

Tsuchiya, Masahiko; and Kuwabara, Hirofumi, to Tsuchiya, Masahiko. Apparatus for producing sample ions. 4,546,253, 10-8-85, Cl. 250-288.000.

Tsuchiya, Masatoshi; Soeno, Ko; and Yoshida, Tomomasa, to Hitachi, Ltd. Semiconductor pressure transducer. 4,499,774, 2-19-85, Cl. 73-727.000.

Tsuchiya, Nobuo: *See—*
- Hamada, Takao; Tsuchiya, Nobuo; Ito, Yo; Inatani, Toshihiro; Takada, Yoshiyasu; Sumito, Mitsuo; Koitabashi, Toshimitsu; and Katayama, Hideshi, 4,505,745, Cl. 75-129.000.

Tsuchiya, Shozo; Sasaki, Makoto; Oshima, Akio; and Hayashi, Hideo, to Nippon Oil Co., Ltd. Offset printing ink composition. 4,552,923, 11-12-85, Cl. 525-68.000.

Tsuchiya, Shuji: *See—*
- Hashiba, Isao; Nishikimi, Tadashi; and Tsuchiya, Shuji, 4,537,984, Cl. 560-061.000.

Tsuchiya, Tadashi: *See—*
- Kawasaki, Takao; Tsuchiya, Tadashi; and Osaka, Yoshiaki, 4,540,702, Cl. 514-369.000.
- Kawasaki, Takao; Immaru, Daisaku; Tsuchiya, Tadashi; Yamaguchi, Yukiharu; and Komatsu, Katsumi, 4,558,059, Cl. 514-371.000.

Tsuchiya, Takao: *See—*
- Hosoya, Mitsuru; Tsuchiya, Takao; and Toyoda, Naokuni, 4,559,558, Cl. 358-162.000.

Tsuchiya, Takeshi; Samejima, Shuji; and Kimura, Tsutomu, to Nippon Piston Ring Co., Ltd. Nitrided piston ring with outer layer on surface. 4,557,492, 12-10-85, Cl. 277-216.000.

Tsuchiya, Tatsuhiko, to Alps Electric Co., Ltd. Cassette tape player. 4,491,889, 1-1-85, Cl. 360-105.000.

Tsuchiya, Tatsuhiko, to Alps Electric Co., Ltd. Auto-reverse type cassette tape player. 4,504,877, 3-12-85, Cl. 360-96.200.

Tsuchiya, Tatsuhiko, to Alps Electric Co., Ltd. Driving device for tape recorder. 4,528,606, 7-9-85, Cl. 360-96.300.

Tsuchiya, Tatsuo; and Hozumi, Kazuhiro, to Matsushita Electric Industrial Co., Ltd.; and Kuroda Precision Industries Ltd. Air pressure shock absorber. 4,500,075, 2-19-85, Cl. 267-8.00R.

Tsuchiya, Toshiaki: *See—*
- Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.

Tsuchiya, Toshiharu; and Iwata, Mamoru, to Shinryo Seikan Kabushiki Kaisha. Detection of improper coating of sealing composition on can end disks. 4,498,415, 2-12-85, Cl. 118-712.000.

Tsuchiya, Tsutomu: *See—*
- Umezawa, Hamao; Umezawa, Sumio; Tsuchiya, Tsutomu; Yoneta, Toshio; and Fukatsu, Shunzo, 4,547,492, Cl. 514-41.000.

Tsuchiya, Yasuhiro; and Ozawa, Hitoshi, to Toyota Jidosha Kabushiki Kaisha. Aluminum alloy cylinder block. 4,515,112, 5-7-85, Cl. 123-41.840.

Tsuchiya, Yasuyuki: *See—*
- Otsuki, Yutaka; Omika, Hiroyoshi; Oshima, Akio; Araki, Yoshihiko; and Tsuchiya, Yasuyuki, 4,543,406, Cl. 528-111.500.

Tsuchiya, Yoshikazu: *See—*
- Ohmori, Taiji; Sato, Makoto; and Tsuchiya, Yoshikazu, 4,494,801, Cl. 303-92.000.
- Tanaka, Masato; Ohtsuki, Tadashi; and Tsuchiya, Yoshikazu, 4,562,581, Cl. 375-7.000.

Tsuchiya, Yutaka; Inuzuka, Eiji; and Shinoda, Yuji, to Hamamatsu Terebi Kabushiki Kaisha. Trigger circuit. 4,492,879, 1-8-85, Cl. 307-248.000.

Tsuchiya, Yutaka: *See—*
- Hiruma, Teruo; Honma, Atsushi; Hirano, Tooru; Tsuchiya, Yutaka; Hayata, Yoshihiro; Aizawa, Katsuo; Kato, Harubumi; and Kainuma, Keiji, 4,556,057, Cl. 128-303.100.
- Sasaki, Tamotsu; and Tsuchiya, Yutaka, 4,558,266, Cl. 318-571.000.
- Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.

Tsuchiya, Yuzoh: *See—*
- Harada, Kazuhiro; Tsuchiya, Yuzoh; Sekiguchi, Nobuo; and Ishikawa, Toshio, 4,508,251, Cl. 226-25.000.

Tsuchiyama, Tadashi; and Hidaka, Yoshiaki, to Honda Giken Kogyo Kabushiki Kaisha. Crankshaft bearing device for internal combustion engine. 4,559,910, 12-24-85, Cl. 123-195.00R.

Tsuchiyama, Tadashi: *See—*
- Senga, Akihisa; Hidaka, Yoshiaki; and Tsuchiyama, Tadashi, 4,513,698, Cl. 123-52.0MV.

Tsuda, Akira: *See—*
- Mouri, Akihiko; Tabuchi, Yoshinobu; Tsuda, Akira; Tsutsumi, Masahiro; and Ikeda, Kazushige, 4,552,503, Cl. 414-687.000.

Tsuda, Hideaki: *See—*
- Watanabe, Ryuji; Iwashita, Kiyoji; Tomita, Sadami; Kuniya, Keiichi; and Tsuda, Hideaki, 4,547,639, Cl. 200-144.00B.

Tsuda, Hideichi: *See—*
- Kawamura, Norio; Yokoe, Hifumi; and Tsuda, Hideichi, 4,561,447, Cl. 128-687.000.

Tsuda, Hiroshi: *See—*
- Hashimoto, Shintaro; Masuzawa, Sigeaki; Shibata, Shinya; Tsuda, Hiroshi; and Nakano, Masahiro, 4,500,211, Cl. 368-63.000.
- Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.
- Miyashita, Kiyoshi; Ozeki, Fumitaka; and Tsuda, Hiroshi, 4,551,010, Cl. 355-25.000.

Tsuda, Hisatsugu: *See—*
- Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi;; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.

Tsuda, Keishiro: *See—*
- Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.

Tsuda, Kenji, to Daicel Chemical Industries, Ltd. Underwater concreting cement composition. 4,502,887, 3-5-85, Cl. 106-93.000.

Tsuda, Kiyoshi: *See—*
- Hiromori, Kunio; and Tsuda, Kiyoshi, 4,523,753, Cl. 271-31.100.

Tsuda, Mamoru: *See—*
- Asai, Koichi; Tsuda, Mamoru; Oe, Kunio; and Muto, Yasuo, 4,515,507, Cl. 414-226.000.

Tsuda, Masataka: *See—*
- Yoshida, Kenji; Nakazawa, Makoto; Shike, Toyohiko; Tomida, Masayuki; Tsuda, Masataka; and Teraoka, Toru, 4,510,154, Cl. 514-365.000.

Tsuda, Masaya; Yonemaru, Ken-Ichi; and Masuda, Yoshikazu, to Dainippon Screen Mfg. Co., Ltd. Photomultiplier tube device. 4,492,977, 1-8-85, Cl. 358-75.000.

Tsuda, Mikio: *See—*
- Kawabe, Norio; Tsuda, Mikio; and Kobashi, Sadao, 4,496,647, Cl. 430-303.000.

Tsuda, Momotoshi: *See—*
- Ogawa, Akira; and Tsuda, Momotoshi, 4,511,649, Cl. 430-553.000.

Tsuda, Nobuaki; Kominami, Naoya; Inagaki, Kenji; and Imamiya, Tamotsu, to Asahi Kasei Kogyo Kabushiki Kaisha. Blood treating system. 4,518,497, 5-21-85, Cl. 210-259.000.

Tsuda, Nobuyuki: *See—*
- Tamatani, Masaaki; Tsuda, Nobuyuki; Koike, Norio; and Ajiro, Sakae, 4,518,985, Cl. 358-60.000.

Tsuda, Shigenori: *See—*
- Shinjo, Goro; Makita, Mitsuyasu; and Tsuda, Shigenori, 4,562,062, Cl. 424-45.000.

Tsuda, Shin, to Canon Kabushiki Kaisha. Operation device for facsimile. 4,502,080, 2-26-85, Cl. 358-256.000.

Tsuda, Tadashi; Hiramatsu, Seiichiro; Ohtsuka, Mitsugi; and Maeno, Tsuyoshi, to Nippondenso Co., Ltd. Apparatus and method for detecting obstacles in the path of a moving vehicle. 4,551,722, 11-5-85, Cl. 340-904.000.

Tsuda, Toshihiko: *See—*
- Katsuno, Ryuji; and Tsuda, Toshihiko, 4,562,335, Cl. 219-216.000.

Tsuda, Yasuo: *See—*
- Sasaki, Takashi; Kaneko, Yutaka; Ishii, Fumio; Tsuda, Yasuo; Kimura, Kazuhiko; and Kato, Katsunori, 4,532,202, Cl. 430-552.000.
- Sugita, Hiroshi; Tsuda, Yasuo; Ito, Kenji; and Shimba, Satoru, 4,528,263, Cl. 430-544.000.

Tsuda, Yoshihisa; and Jackson, Denise M., to UOP Inc. *Paracoccus denitrificans*, FUM-14: a fumarase overproducer. 4,551,432, 11-5-85, Cl. 435-232.000.

Tsuda, Yoshihisa, to UOP Inc. Aspartase from a *Bacillus subtilis*. 4,552,846, 11-12-85, Cl. 435-232.000.

Tsuda, Yoshio: *See—*
- Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,526,969, Cl. 546-164.000.

  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,530,926, Cl. 514-214.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, 4,534,978, Cl. 514-429.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,535,085, Cl. 514-290.000.
  - Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, 4,542,147, Cl. 514-411.000.
- Tsuda, Yukio: *See—*
  - Yamada, Takaaki; Tsuda, Yukio; and Yamakoshi, Akira, 4,521,744, Cl. 331-1.00A.
- Tsudaka, Hideaki, to Mita Industrial Co., Ltd. Card-operated copying machine. 4,501,485, 2-26-85, Cl. 355-6.000.
- Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, to Mita Industrial Co., Ltd. Copying apparatus. 4,511,241, 4-16-85, Cl. 355-14.0CU.
- Tsudakoma Corp.: *See—*
  - Sainen, Tsutomu; Sakano, Toshiyuki; Fujita, Yoshitaka; and Imai, Toshiki, 4,513,790, Cl. 139-110.000.
  - Sainen, Tsutomu; Fujita, Yoshitaka; Sakano, Toshiyuki; and Nakagawa, Toshio, 4,529,012, Cl. 139-105.000.
- Tsudakoma Kogyo Kabushiki Kaisha: *See—*
  - Sugita, Katsuhiko, 4,503,371, Cl. 318-443.000.
  - Takegawa, Yujiro, 4,530,381, Cl. 139-452.000.
  - Takegawa, Yujiro, and Tsuji, Kanji, 4,531,557, Cl. 139-452.000.
  - Tsuji, Kanji, 4,550,753, Cl. 139-435.000.
- Tsuei, Chang-Chyi: *See—*
  - Chi, Cheng-Chung J.; Davidson, Arthur; and Tsuei, Chang-Chyi, 4,496,854, Cl. 307-306.000.
- Tsugami Corporation: *See—*
  - Ishida, Kenichi; and Takahashi, Tetsuro, 4,510,668, Cl. 29-561.000.
- Tsugawa, Shunichi: *See—*
  - Ichida, Toshio; Kobayashi, Hideo; Ogata, Hajime; and Tsugawa, Shunichi, 4,519,879, Cl. 204-35.100.
  - Ogata, Hajime; Ohashi, Yoshiharu; Tsugawa, Shunichi; Ichida, Toshio; and Irie, Toshio, 4,542,077, Cl. 428-629.000.
- Tsuge, Akihiko; Komatsu, Michiyasu; Inoue, Hiroshi; and Komeya, Katsutoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Process for producing sintered silicon nitride-base body. 4,511,525, 4-16-85, Cl. 264-65.000.
- Tsuge, Akihiko: *See—*
  - Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.
  - Komeya, Katsutoshi; Tsuge, Akihiko; Inoue, Hiroshi; and Ohta, Hiroyasu, 4,539,298, Cl. 501-89.000.
- Tsuge, Hiroshi: *See—*
  - Matsunami, Muneharu; Tsuge, Hiroshi; Kubota, Tatsushi; and Ogawa, Hisashi, 4,536,010, Cl. 280-802.000.
- Tsuge, Hisanao; and Yoshida, Takayoshi, to NEC Corporation. Method of producing a Josephson tunnel barrier. 4,548,834, 10-22-85, Cl. 427-63.000.
- Tsuge, Kazunori; Tawada, Yoshihisa; and Hamakawa, Yoshihiro, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Amorphous silicon semiconductor and process for same. 4,544,423, 10-1-85, Cl. 148-174.000.
- Tsuge, Kazuo, to Tokico Ltd. Air compressor. 4,492,533, 1-8-85, Cl. 417-372.000.
- Tsuge, Noboru; Taguchi, Masahiro; and Kuwakado, Satosi, to Nippon Soken, Inc. Automobile seat belt winding device. 4,511,097, 4-16-85, Cl. 242-55.000.
- Tsuge, Noboru; Taguchi, Masahiro; Kato, Masanori; and Kuwakado, Satosi, to Nippon Soken, Inc. Fuel injection device of diesel engine. 4,537,169, 8-27-85, Cl. 123-325.000.
- Tsuge, Noboru; and Taguchi, Masahiro, to Nippon Soken, Inc. Automobile seat belt system with automatic unlocking function. 4,553,625, 11-19-85, Cl. 180-268.000.
- Tsuge, Noboru: *See—*
  - Taguchi, Masahiro; Kuwakado, Satosi; and Tsuge, Noboru, 4,510,749, Cl. 60-286.000.
- Tsuge, Norihisa; Nakano, Tomio; and Nakano, Masao, to Fujitsu Limited. Semiconductor integrated circuit device having a substrate voltage generating circuit. 4,503,339, 3-5-85, Cl. 307-296.00R.
- Tsuge, Takeyoshi; Torisawa, Yoshihiro; Makino, Ayumu; and Kimura, Tsutomu, deceased (by Kimura, Shizuko, legal representative), to Tokyo Electric Co., Ltd. Ink dot printer. 4,552,469, 11-12-85, Cl. 400-119.000.
- Tsuge, Takeyoshi; Torisawa, Yoshiro; Makino, Ayumu; and Kimura, Tsutomu, deceased (by Kimura, Shizuko, legal representative), to Tokyo Electric Co., Ltd. Ink dot printer. 4,552,472, 11-12-85, Cl. 400-124.000.
- Tsuge, Takeyoshi: *See—*
  - Kimura, Tutomu; Tsuge, Takeyoshi; Torisawa, Yoshihiro; and Makino, Ayumu, 4,562,446, Cl. 346-140.00R.
- Tsugeno, Makoto: *See—*
  - Ozawa, Kiyomi; Nakajima, Yasuyuki; Tsugeno, Makoto; Ishii, Shigeru; Hatanaka, Masataka; Hirose, Masayoshi; and Kudo, Masaki, 4,540,706, Cl. 514-403.000.
- Tsuhako, Mitsutomo: *See—*
  - Iino, Shinji; Maruyama, Kensaku; Takenaga, Motoi; Muramoto, Kazuhiko; and Tsuhako, Mitsutomo, 4,542,001, Cl. 423-311.000.
- Tsuhara, Susumu: *See—*
  - Machida, Tetsuo; Tsuhara, Susumu; Tabata, Kuniaki; and Okada, Yasuyuki, 4,511,962, Cl. 364-200.000.
- Tsui, James B. Y.; and Shaw, Rudy L., to United States of America, Air Force. Simultaneous signal detection for IFM receivers by transient detection. 4,547,727, 10-15-85, Cl. 324-79.00D.
- Tsui, Tien-Fung, to Mobil Oil Corporation. Oil shale beneficiation by size reduction combined with heavy media separation. 4,528,090, 7-9-85, Cl. 209-2.000.
- Tsuji, Akira; Ito, Sadayuki; and Fujimoto, Kazumi, to Sony Corporation. Flexible magnetic disk cassette and a recording and/or reproducing apparatus for the same. 4,517,617, 5-14-85, Cl. 360-133.000.
- Tsuji, Hiroshi; and Katada, Hirofumi, to Pola Chemical Industries, Inc. Portable cosmetics case. 4,526,273, 7-2-85, Cl. 206-229.000.
- Tsuji, Hiroshi: *See—*
  - Shirai, Mitsuru; Fukuda, Nobuo; Yamamoto, Akira; and Tsuji, Hiroshi, 4,549,603, Cl. 165-104.330.
- Tsuji, Jiro; and Shimizu, Isao, to Nippon Zeon Co. Ltd. Process for production of α,β-unsaturated ketones. 4,496,766, 1-29-85, Cl. 568-346.000.
- Tsuji, Kanji, to Tsudakoma Kogyo Kabushiki Kaisha. Weft transfer control system in an air jet loom. 4,550,753, 11-5-85, Cl. 139-435.000.
- Tsuji, Kanji: *See—*
  - Takegawa, Yujiro; and Tsuji, Kanji, 4,531,557, Cl. 139-452.000.
- Tsuji, Katsuya: *See—*
  - Hosokawa, Yoshinori; Tanimoto, Masahiro; and Tsuji, Katsuya, 4,510,610, Cl. 373-118.000.
- Tsuji, Katsuyuki: *See—*
  - Kiyota, Yuhiko; Tsuji, Katsuyuki; Kume, Satoru; Takada, Hiroaki; Shinsei, Kiyoichi; Matsumoto, Akio; and Ogawa, Hitoshi, 4,520,624, Cl. 60-286.000.
- Tsuji, Kazuhiro: *See—*
  - Ito, Katsuo; Yoshimura, Kazunori; Tsuji, Kazuhiro; and Kontani, Kazuo, 4,532,485, Cl. 334-51.000.
- Tsuji, Kazuo, to Sumitomo Electric Industries, Ltd. Diamond single crystals, a process of manufacturing and tools for using same. 4,544,540, 10-1-85, Cl. 423-446.000.
- Tsuji, Kiyoshi: *See—*
  - Takaya, Takao; Takasugi, Hisashi; Tsuji, Kiyoshi; and Chiba, Toshiyuki, 4,496,562, Cl. 514-207.000.
  - Takaya, Takao; Masugi, Takashi; Ogino, Takashi; and Tsuji, Kiyoshi, 4,500,709, Cl. 544-58.100.
  - Takaya, Takao; Takasugi, Hisashi; Chiba, Toshiyuki; and Tsuji, Kiyoshi, 4,507,293, Cl. 516-226.000.
- Tsuji, Koji; and Yamada, Shuji, to Matsushita Electric Works, Ltd. Electric joint material. 4,502,899, 3-5-85, Cl. 148-431.000.
- Tsuji, Kozo: *See—*
  - Tagami, Manabu; Urayama, Kenzi; Ooishi, Tadashi; Okamoto, Yukikazu; and Tsuji, Kozo, 4,536,498, Cl. 514-147.000.
- Tsuji, Kunio; and Aoki, Naofumi, to West Electric Company, Ltd. Camera with a built-in strobo. 4,502,768, 3-5-85, Cl. 354-145.100.
- Tsuji, Masahiro: *See—*
  - Koyama, Hiroyasu; Tsuji, Masahiro; and Suzuki, Yoshikuni, 4,517,365, Cl. 546-142.000.
  - Takahashi, Toshihiro; Sueda, Noriyoshi; Tsuji, Masahiro; Tahara, Yoshiyuki; Koyama, Hiroyasu; Suzuki, Yoshikuni; Nagase, Masao; and Sugai, Toshiji, 4,526,893, Cl. 514-309.000.
- Tsuji, Masanori: *See—*
  - Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.
- Tsuji, Masao: *See—*
  - Bunno, Masayasu; Sugiura, Tsutomu; Tsuji, Masao; Harada, Hidemi; and Ichihara, Yoshihiro, 4,520,102, Cl. 435-61.000.
  - Sarugaku, Shinichi; Tsuchihashi, Akira; and Tsuji, Masao, 4,556,777, Cl. 219-124.340.
- Tsuji, Naoki: *See—*
  - Tanaka, Kentaro; and Tsuji, Naoki, 4,556,517, Cl. 260-245.20T.
- Tsuji, Nobuo: *See—*
  - Yamamoto, Nobuyuki; Mukaida, Yoshito; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,548,873, Cl. 428-695.000.
  - Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, 4,554,220, Cl. 428-694.000.
  - Yamauchi, Koichi; Tsuji, Nobuo; Yamada, Yasuyuki; Funabashi, Shinichi; and Kiyama, Masatoshi, 4,503,120, Cl. 428-336.000.
- Tsuji, Sadahiko: *See—*
  - Fujibayashi, Kazuo; Sugiura, Muneharu; and Tsuji, Sadahiko, 4,525,036, Cl. 350-427.000.
  - Kitagishi, Nozomu; and Tsuji, Sadahiko, 4,508,433, Cl. 350-454.000.
  - Takahashi, Sadatoshi; Tsuji, Sadahiko; Tajima, Akira; Asano, Toshiaki; and Minami, Setsuo, 4,515,446, Cl. 350-427.000.
  - Tanaka, Kazuo; and Tsuji, Sadahiko, 4,544,250, Cl. 354-199.000.
- Tsuji, Shinsaku: *See—*
  - Nishiyama, Taichiro; and Tsuji, Shinsaku, 4,507,980, Cl. 74-473.00R.
- Tsuji, Shintaro, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for elevators. 4,499,975, 2-19-85, Cl. 187-29.00R.
- Tsuji, Shintaro, to Mitsubishi Denki Kabushiki Kaisha. Elevator operating system. 4,505,360, 3-19-85, Cl. 187-29.00R.
- Tsuji, Shintaro, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for elevators. 4,523,665, 6-18-85, Cl. 187-29.00R.
- Tsuji, Shintaro: *See—*
  - Araya, Shinji; and Tsuji, Shintaro, 4,524,418, Cl. 364-436.000.

- Tsuji, Shiro: *See—*
  - Kato, Misao; Shimeki, Yasuharu; Matsushima, Hiroshi; Tsuji, Shiro; Kihara, Nobuyoshi; and Amano, Yoshinori, 4,544,962, Cl. 360-40.000.
- Tsuji, Shisaku: *See—*
  - Kubota, Shikibu; and Tsuji, Shisaku, 4,513,276, Cl. 340-52.00R.
- Tsuji, Syogo: *See—*
  - Sato, Takeshi; Tsuji, Syogo; Shigeta, Kengo; and Uenishi, Akira, 4,497,577, Cl. 356-336.000.
- Tsuji, Takashi, to Nippon Zeon Co. Ltd. Method and system for driving blood pumping devices. 4,548,550, 10-22-85, Cl. 417-390.000.
- Tsuji, Teruji; Sato, Hisao; and Hamashima, Yoshio, to Shionogi & Co., Ltd. Fluoromethylthioacetic acid compounds. 4,491,547, 1-1-85, Cl. 260-455.00R.
- Tsuji, Teruji; Sato, Hisao; and Hamashima, Yoshio, to Shionogi & Co., Ltd. Fluoromethylthiooxacephalosporins. 4,532,233, 7-30-85, Cl. 514-63.000.
- Tsuji, Teruji: *See—*
  - Yamamoto, Sadao; Itani, Hikaru; Takahashi, Hiromi; Tsuji, Teruji; and Nagata, Wataru, 4,539,148, Cl. 260-239.00A.
  - Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,504,659, Cl. 544-92.000.
  - Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, 4,533,730, Cl. 544-92.000.
- Tsuji, Tomoji: *See—*
  - Yoshinaka, Shigeo; Toki, Tsukasa; Tsuji, Tomoji; and Uchiyama, Seiji, 4,507,510, Cl. 568-811.000.
- Tsuji, Toshinori: *See—*
  - Yamamoto, Mitsuo; Kinumoto, Namio; Tsuji, Toshinori; and Hiraoka, Tutomu, 4,554,178, Cl. 427-140.000.
- Tsuji, Yoshimasa: *See—*
  - Shimizu, Kunio; Kame, Yuichi; and Tsuji, Yoshimasa, 4,506,953, Cl. 350-276.00R.
- Tsuji, Yoshitaka: *See—*
  - Fujita, Teizo; and Tsuji, Yoshitaka, 4,519,668, Cl. 339-241.000.
- Tsujii, Gen: *See—*
  - Nakadate, Toshihiko; Numata, Morikuni; Hamada, Akio; and Tsujii, Gen, 4,559,438, Cl. 219-90.000.
- Tsujii, Katsumi, to Sharp Kabushiki Kaisha. Light emitting diode electrode. 4,553,154, 11-12-85, Cl. 357-71.000.
- Tsujii, Masahiko: *See—*
  - Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.
- Tsujii, Tatsuo; and Okino, Takaaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Non-contact radiation thickness gauge. 4,510,577, 4-9-85, Cl. 364-563.000.
- Tsujikado, Seiji: *See—*
  - Abe, Riichi; Tsuruta, Katsuji; and Tsujikado, Seiji, 4,491,266, Cl. 228-225.000.
- Tsujikawa, Teruaki: *See—*
  - Kishimoto, Shinzo; Ohno, Shigeru; and Tsujikawa, Teruaki, 4,524,129, Cl. 430-393.000.
- Tsujimoto, Michihiro; Asano, Makoto; Hasegawa, Kiyoharu; and Akahori, Hiroyuki, to Mitsui Toatsu Chemicals, Inc. Heat-sensitive recording unit. 4,561,000, 12-24-85, Cl. 346-208.000.
- Tsujimoto, Yoshinobu: *See—*
  - Tanaka, Tsutomu; Tsujimoto, Yoshinobu; Serizawa, Hiroyuki; and Hattori, Katsuji, 4,498,730, Cl. 350-96.160.
  - Taniuchi, Tetsuo; and Tsujimoto, Yoshinobu, 4,554,449, Cl. 250-227.000.
- Tsujimura, Harutoshi: *See—*
  - Maeda, Kouzo; and Tsujimura, Harutoshi, 4,512,604, Cl. 296-65.00A.
- Tsujimura, Hideo: *See—*
  - Taguchi, Haruyoshi; Tsujimura, Hideo; and Imanishi, Masamichi, 4,516,687, Cl. 220-94.00R.
- Tsujimura, Isao; and Yoshimi, Takani, to Toyoda Koki Kabushiki Kaisha. Machine tool. 4,514,892, 5-7-85, Cl. 29-568.000.
- Tsujimura, Kanji. Guard for chain wheel. 4,515,386, 5-7-85, Cl. 280-289.00G.
- Tsujino, Masahide: *See—*
  - Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.
- Tsujino, Takuichi: *See—*
  - Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
- Tsujiuchi, Toshio; Yoneda, Takao; and Ohta, Norio, to Toyoda Koki Kabushiki Kaisha. Grinding wheel feeder in grinding machines. 4,490,946, 1-1-85, Cl. 51-165.880.
- Tsujiuchi, Toshio: *See—*
  - Koide, Tsuyoshi; Maruyama, Toshio; and Tsujiuchi, Toshio, 4,497,140, Cl. 51-101.00R.
  - Unno, Kunihiko; Tsujiuchi, Toshio; and Oda, Yukio, 4,502,458, Cl. 125-11.00R.
  - Unno, Kunihiko; Tsujiuchi, Toshio; and Oda, Yukio, 4,551,950, Cl. 51-165.870.
- Tsujiyama, Bunjiro: *See—*
  - Unagami, Takashi; and Tsujiyama, Bunjiro, 4,528,480, Cl. 315-169.100.
- Tsukada, Akira: *See—*
  - Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, 4,519,942, Cl. 252-520.000.
  - Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, 4,541,974, Cl. 264-61.000.
- Tsukada, Katsushige: *See—*
  - Ishimaru, Toshiaki; Tsukada, Katsushige; Hayashi, Nobuyuki; Koibuchi, Shigeru; and Isobe, Asao, 4,499,163, Cl. 430-5.000.
  - Ishimaru, Toshiaki; Tsukada, Katsushige; and Hayashi, Nobuyuki, 4,544,625, Cl. 430-284.000.
- Tsukada, Kazuo; Kanzaki, Yoshiharu; and Hori, Yoshikazu, to Fujitsu Limited. Hyperbolic navigation receiver. 4,496,951, 1-29-85, Cl. 343-394.000.
- Tsukada, Kazuo: *See—*
  - Sasaki, Shunroku; Tsukada, Kaz[illegible] Kanz[illegible]i, Yoshiharu; and Hori, Yoshikazu, 4,562,437, Cl. 343-3[illegible]000.
- Tsukada, Kiroku: *See—*
  - Senuma, Akitaka; Shimizu, Yosh[illegible] and Tsukada, Kiroku, 4,501,711, Cl. 264-54.000.
- Tsukada, Kiyotaka: *See—*
  - Enomoto, Ryo; and Tsukada, Kiyotaka, 4,537,735, Cl. 264-63.000.
  - Enomoto, Ryo; and Tsukada, Kiyotaka, 4,540,677, Cl. 501-151.000.
- Tsukada, Koji: *See—*
  - Kondo, Haruyoshi; Tsukada, Koji; and Takeuchi, Masaharu, 4,494,409, Cl. 73-651.000.
- Tsukada, Masaharu; Kimizuka, Junichi; and Shimizu, Haruo, to Canon Kabushiki Kaisha. Image recording apparatus. 4,496,238, 1-29-85, Cl. 355-14.00D.
- Tsukada, Masaharu: *See—*
  - Inoue, Takahiro; Hirayama, Kazuhiro; and Tsukada, Masaharu, 4,528,580, Cl. 346-160.000.
- Tsukada, Masamichi: *See—*
  - Nogami, Taro; and Tsukada, Masamichi, 4,553,840, Cl. 356-333.000.
- Tsukada, Masamitsu: *See—*
  - Kamei, Ryosuke; Kobayashi, Keiitsu; Nakamura, Akira; Shimamura, Toshikazu; Tsukada, Masamitsu; and Ono, Hisashi, 4,554,202, Cl. 428-225.000.
- Tsukada, Norishige: *See—*
  - Yamazaki, Taro; Okamoto, Maseshi; Iizuka, Tokio; Tsukada, Norishige; and Okamori, Kenji, 4,556,918, Cl. 358-283.000.
- Tsukada, Takami; Akutsu, Masao; and Saito, Tadao, to Yoshino Kogyosho Co., Ltd. Method of making a bottle of saturated polyester resin. 4,511,418, 4-16-85, Cl. 156-245.000.
- Tsukada, Tameyasu: *See—*
  - Kamiya, Masashi; Ueda, Katsunobu; Sumiya, Mitsuo; and Tsukada, Tameyasu, 4,512,626, Cl. 350-6.800.
- Tsukada, Toshihisa: *See—*
  - Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, 4,495,409, Cl. 250-211.00J.
  - Koike, Norio; Tsukada, Toshihisa; Baji, Toru; and Sasano, Akira, 4,500,915, Cl. 358-44.000.
  - Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, 4,556,800, Cl. 250-578.000.
  - Shimomoto, Yasuharu; Tanaka, Yasuo; Takasaki, Yukio; Ishioka, Sachio; Tsukada, Toshihisa; and Baji, Toru, 4,554,478, Cl. 313-366.000.
- Tsukada, Yutaka: *See—*
  - Kato, Yoshinori; Umemoto, Naoji; Hara, Takeshi; Tsukada, Yutaka; and Hirai, Hidematsu, 4,543,211, Cl. 260-112.00B.
- Tsukagoshi, Sadayuki: *See—*
  - Horikoshi, Hiroshi; Arai, Akio; Tsukagoshi, Sadayuki; and Sakamoto, Junichi, 4,515,365, Cl. 273-25.000.
- Tsukagoshi, Shigeru: *See—*
  - Hirano, Takashi; Ohashi, Shinichi; Morimoto, Satoshi; Shiraki, Masaru; Tsuda, Keishiro; Kobayashi, Tomowo; and Tsukagoshi, Shigeru, 4,520,162, Cl. 525-327.600.
- Tsukagoshi, Tsunehiro: *See—*
  - Yokozeki, Shinichi; Kimura, Masami; and Tsukagoshi, Tsunehiro, 4,518,443, Cl. 148-400.000.
- Tsukagoshi, Yasuhiro, to Sanden Corporation. Scroll type compressor with lubricating system. 4,538,975, 9-3-85, Cl. 418-55.000.
- Tsukahara, Hiroaki: *See—*
  - Amemori, Koichi; Takahashi, Yosuke; Miyazaki, Manabu; Tsukahara, Hiroaki; Kawabe, Toshihiko; and Banba, Toshio, 4,557,235, Cl. 123-367.000.
- Tsukahara, Hirokazu: *See—*
  - Kosaka, Takao; and Tsukahara, Hirokazu, 4,550,328, Cl. 346-201.000.
- Tsukahara, Michiyoshi, to Alps Electric Co., Ltd. Thick film electronic circuit. 4,561,039, 12-24-85, Cl. 361-328.000.
- Tsukai, Michiharu: *See—*
  - Michiharu, Tsukai, 4,540,319, Cl. 408-100.000.
- Tsukakoshi, Hiroshi: *See—*
  - Suzuki, Toshiyuki; and Tsukakoshi, Hiroshi, 4,543,172, Cl. 204-224.00R.
- Tsukakoshi, Naoto: *See—*
  - Egami, Kazunari; Umeda, Tetsuo; Tsukakoshi, Naoto; and Nishijima, Yasuo, 4,524,453, Cl. 382-1.000.
  - Umeda, Tetsuo; Egami, Kazunari; Tsukakoshi, Naoto; and Nishijima, Yasuo, 4,528,692, Cl. 382-9.000.
- Tsukakoshi, Shosaku, to Oki Electric Industry Co., Ltd. Weighted capacitor analogue-digital converters. 4,517,549, 5-14-85, Cl. 340-347.0AD.

- Tsukakoshi, Tsuneo; and Ohashi, Hiromichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Light-activated amplified gate bi-directional thyristor. 4,546,369, 10-8-85, Cl. 357-39.000.
- Tsukamoto, Goro: *See—*
  - Takebe, Yasushi; Iuchi, Koji; and Tsukamoto, Goro, 4,554,358, Cl. 549-229.000.
  - Uno, Toshio; Takamatsu, Masanori; Iuchi, Koji; and Tsukamoto, Goro. 4,530,930, Cl. 514-312.000.
- Tsukamoto, Hiroaki, to Honda Giken Kogyo Kabushiki Kaisha. Means for supplying a secondary air in an internal combustion engine which is provided with a turbo charger. 4,534,173, 8-13-85, Cl. 60-606.000.
- Tsukamoto, Izumi: *See—*
  - Yomoda, Minoru; and Tsukamoto, Izumi, 4,538,914, Cl. 356-400.000.
- Tsukamoto, Katsura, to International Business Machines Corporation. Bill storing mechanism for automatic teller machines. 4,552,351, 11-12-85, Cl. 271-3.100.
- Tsukamoto, Kazuyoshi; and Sakoguchi, Etsuo, to Sanyo Electric Co., Ltd. Single-ended push-pull induction heating apparatus. 4,560,851, 12-24-85, Cl. 219-10.770.
- Tsukamoto, Keisuk; Nagase, Masaomi; and Matsuno, Kiyotaka, to Toyota Jidosha Kabushiki Kaisha. Method of controlling individual cylinder fuel injection quantities in electronically controlled diesel engine and device therefor. 4,561,397, 12-31-85, Cl. 123-357.000.
- Tsukamoto, Kou; and Hirate, Masatoshi, to CKD Controls Limited. Smallsize motor with reduction gear and clutch mechanism. 4,535,261, 8-13-85, Cl. 310-78.000.
- Tsukamoto, Mamoru: *See—*
  - Saitoh, Hiroshi; Kadooka, Katsuyuki; Tsukamoto, Mamoru; Ono, Shoji; and Ohkawa, Masaki, 4,552,772, Cl. 426-557.000.
- Tsukamoto, Masaaki, to Nippon Kogaku K.K. Apparatus for displaying information in camera view finder. 4,544,252, 10-1-85, Cl. 354-289.100.
- Tsukamoto, Masahiro, to NSK-Warner K.K. Tension locking mechanism of a retractor. 4,506,845, 3-26-85, Cl. 242-107.700.
- Tsukamoto, Masao: *See—*
  - Kawamoto, Kinji; Tsukamoto, Masao; Murase, Kazuhiro; Kaneaki, Tetsuhiko; and Nikaido, Masataka, 4,536,853, Cl. 364-718.000.
- Tsukamoto, Shinya; Takahashi, Kunihiro; and Doi, Akira, to Sumitomo Electric Industries, Ltd. Sintering method using a plasma gas atmosphere. 4,501,717, 2-26-85, Cl. 419-58.000.
- Tsukamoto, Shuji: *See—*
  - Ogawa, Norio; and Tsukamoto, Shuji, 4,491,594, Cl. 424-331.000.
- Tsukamoto, Tadashi: *See—*
  - Ishii, Sugao; Itou, Susumu; Kawamura, Mikio; and Tsukamoto, Tadashi, 4,496,063, Cl. 212-270.000.
- Tsukamoto, Takashi; Sudo, Chuzo; Aihara, Kenji; and Nishimura, Syozi, to Sumitomo Metal Industries, Ltd. Steel wire for use in stranded steel core of an aluminum conductor, steel reinforced and production of same. 4,525,598, 6-25-85, Cl. 174-128.00R.
- Tsukamoto, Takehiro: *See—*
  - Itoh, Michio; Tsukamoto, Takehiro; Watanabe, Shuichi; Kinoshita, Takeshi; and Tomita, Seisuke, 4,545,416, Cl. 152-539.000.
- Tsukamoto, Tatuzo. Clip for sheet material. 4,523,354, 6-18-85, Cl. 24-67.900.
- Tsukamoto, Toshihiko: *See—*
  - Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
- Tsukamoto, Yoshikazu: *See—*
  - Morita, Yasuhiro; and Tsukamoto, Yoshikazu, 4,513,990, Cl. 280-725.000.
- Tsukamoto, Yukio: *See—*
  - Higuchi, Seizun; Ooga, Tomonari; Tsukamoto, Yukio; Kamada, Minoru; and Nomura, Yukio, 4,501,802, Cl. 428-629.000.
- Tsukamura, Takao, to Nittetsu Steel Drum Co., Ltd. Metal containers - their manufacturing methods. 4,543,025, 9-24-85, Cl. 413-6.000.
- Tsukasa Kasei Kogyo Kabushiki Kaisha: *See—*
  - Matsumoto, Hiroyuki, 4,503,007, Cl. 264-210.700.
- Tsukata, Masaharu: *See—*
  - Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.
- Tsukaya, Takashi; and Takamatsu, Takeshi, deceased (by Takamatsu, Tokuyuki, legal representative), to Olympus Optical Co., Ltd. Endoscope system. 4,503,841, 3-12-85, Cl. 128-4.000.
- Tsukaya, Takashi, to Olympus Optical Co., Ltd. Endoscope system. 4,509,508, 4-9-85, Cl. 128-6.000.
- Tsukaya, Takashi: *See—*
  - Sato, Ken; Takahashi, Yutaka; Tsukaya, Takashi; Kato, Shinichi; and Hattori, Shinichiro, 4,561,429, Cl. 128-6.000.
- Tsukii, Toshikazu. Microwave circuit device package. 4,535,307, 8-13-85, Cl. 333-35.000.
- Tsukiji, Yasuhiko: *See—*
  - Yanagisawa, Yasuhisa; and Tsukiji, Yasuhiko, 4,560,026, Cl. 180-287.000.
- Tsukioka, Hideo: *See—*
  - Sakai, Seiichi; Gange, Toshihiko; Tsukioka, Hideo; Sugawara, Katuo; Tani, Ichitaro; Mori, Etsunori; and Shiono, Shigeo, 4,502,320, Cl. 73-23.000.
- Tsukioka, Yasunori, to Ricoh Company, Ltd. Facsimile relaying method. 4,532,379, 7-30-85, Cl. 179-2.00R.
- Tsukitani, Yasumasa: *See—*
  - Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.
- Tsukiura, Hiroshi: *See—*
  - Hanada, Minoru; Tsunakawa, Mitsuaki; Tomita, Koji; Tsukiura, Hiroshi; and Kawaguchi, Hiroshi, 4,504,580, Cl. 435-74.000.
- Tsukuda, Hitoshi; and Sakanoue, Akira, to Central Glass Company, Limited. Graphite fluoride coated with organic polymer and method of preparing same. 4,557,974, 12-10-85, Cl. 428-407.000.
- Tsukuda, Toshio: *See—*
  - Futakuchi, Takashi; Nakamura, Kiyofumi; Sato, Yoshimasa; Tsukuda, Toshio; and Shiraishi, Hiroyuki, 4,536,211, Cl. 75-5.000.
- Tsukui, Motoichi. Caster with a stopper. 4,503,943, 3-12-85, Cl. 188-5.000.
- Tsukui, Tsutomu; Shimizu, Toshio; Doi, Ryota; and Tsutsumi, Yasuyuki, to Hitachi, Ltd. Fuel cell using organic, high-molecular weight electrolyte. 4,537,840, 8-27-85, Cl. 429-33.000.
- Tsukui, Tsutomu: *See—*
  - Shimizu, Toshio; Satou, Takanori; Tsukui, Tsutomu; Doi, Ryouta; and Yamaguchi, Motoo, 4,562,123, Cl. 429-27.000.
- Tsukumo, Masae: *See—*
  - Tsukumo, Zenzaburo; Tsukumo, Masae; and Tsukumo, Shinsuke, 4,511,102, Cl. 242-130.200.
- Tsukumo, Shinsuke: *See—*
  - Tsukumo, Zenzaburo; Tsukumo, Masae; and Tsukumo, Shinsuke, 4,511,102, Cl. 242-130.200.
- Tsukumo, Zenzaburo; Tsukumo, Masae; and Tsukumo, Shinsuke. Bobbin holder. 4,511,102, 4-16-85, Cl. 242-130.200.
- Tsukuni, Yumi: *See—*
  - Hayashi, Hirro, 4,506,716, Cl. 145-3.500.
- Tsumagari, Takashi: *See—*
  - Ochiai, Nobuo; and Tsumagari, Takashi, 4,535,570, Cl. 51-165.770.
- Tsumiyama, Hisanori: *See—*
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.
  - Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori, Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.
  - Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi, Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, 4,549,201, Cl. 358-13.000
- Tsumiyama, Takatoshi: *See—*
  - Tanino, Hiroshi; Okamoto, Tetsuhiko; Ueyama, Shinichiro; Fujikawa, Kazuhiko; and Tsumiyama, Takatoshi, 4,522,689, Cl. 203-52.000.
- Tsumoto, Akio; and Kano, Hisae, to Nissan Motor Company, Limited. Gutter structure for a vehicle body. 4,508,382, 4-2-85, Cl. 296-213.000.
- Tsumura, Katsunori: *See—*
  - Yasui, Hiroyoshi; Yoshida, Teruo; Ueno, Hiroshi; and Tsumura, Katsunori, 4,523,862, Cl. 384-564.000.
- Tsumura, Kenji; and Yamashita, Masayuki, to Oriental Metal Mfg. Co., Ltd. Concentrating apparatus. 4,521,276, 6-4-85, Cl. 159-1.00W.
- Tsumura, Takashi: *See—*
  - Arima, Makoto; Tsumura, Takashi; and Ueda, Akihiko, 4,558,643, Cl. 101-158.000.
  - Sugino, Yoshihide; Tsumura, Takashi; Nakamura, Junnosuke; and Yamaki, Kazuyoshi, 4,505,636, Cl. 414-736.000.
- Tsumuraya, Kenichi; and Furuya, Toshiaki, to Seikosha Co., Ltd. Printer housing with web tensioning means. 4,526,489, 7-2-85, Cl. 400-693.000.
- Tsunakawa, Hirokazu: *See—*
  - Fushimi, Kazuo; Tsunakawa, Hirokazu; and Yonahara, Kunio, 4,551,267, Cl. 252-511.000.
- Tsunakawa, Mitsuaki: *See—*
  - Hanada, Minoru; Tsunakawa, Mitsuaki; Tomita, Koji; Tsukiura, Hiroshi; and Kawaguchi, Hiroshi, 4,504,580, Cl. 435-74.000.
- Tsunakawa, Shoji, to Original Electric Mfg. Co., Ltd. Relay assemblage and a method of forming same. 4,542,582, 9-24-85, Cl. 29-622.000.
- Tsunefuji, Katsuhiko; and Yamasaki, Masafumi, to Olympus Optical Co., Ltd. Camera. 4,529,289, 7-16-85, Cl. 354-433.000.
- Tsunehiro, Takashi: *See—*
  - Noguchi, Kouki; Tsunehiro, Takashi; and Nakamura, Hideo, 4,494,195, Cl. 364-200.000.
- Tsuneishi, Katsuyuki: *See—*
  - Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, 4,512,281, Cl. 118-627.000.
  - Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, 4,539,219, Cl. 427-32.000.
- Tsunekawa, Shou. Image processing device for continuously extracting features of small regions of an image. 4,542,527, 9-17-85, Cl. 382-52.000.
- Tsunekawa, Takahiko: *See—*
  - Morita, Takayuki; Tsunekawa, Takahiko; and Amano, Hisao, 4,494,371, Cl. 57-263.000.
  - Tanaka, Akira; Tsunekawa, Takahiko; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,550,560, Cl. 57-261.000.
- Tsunekawa, Tokuichi, to Canon Kabushiki Kaisha. Image scanning system with signal integration time control. 4,523,101, 6-11-85, Cl. 250-578.000.
- Tsunekawa, Tokuichi: *See—*
  - Kinoshita, Takao; Tsunekawa, Tokuichi; and Sato, Yuichi, 4,527,199, Cl. 358-213.000.

- Kinoshita, Takao; Tsunekawa, Tokuichi; and Sato, Yuichi, 4,539,597, Cl. 358-213.000.
- Kinoshita, Takao; Kawabata, Takashi; Hosoe, Kazuya; Tsunekawa, Tokuichi; and Sakane, Toshio, 4,560,864, Cl. 250-201.000.
- Konishi, Yuichiro; Tsunekawa, Tokuichi; and Someya, Hiromi, 4,534,639, Cl. 354-432.000.
- Suzuki, Ryoichi; Matsumoto, Seiichi; Amikura, Takashi; Tsunekawa, Tokuichi; and Uchiyama, Takashi, 4,516,835, Cl. 350-336.000.

Tsunekawa, Yuzo; and Tomizawa, Takashi, to Fuji Photo Film Co., Ltd. Method of forming and feeding torsion springs. 4,524,596, 6-25-85, Cl. 72-133.000.

Tsuneki, Hideaki; Ueshima, Michio; Aoki, Ryuji; and Nagai, Isao, to Nippon Shokubai Kagaku Kogyo Co., Ltd. Catalyst for production of methacrylic acid. 4,558,028, 12-10-85, Cl. 502-211.000.

Tsuneki, Yukio, to Tokyo Shibaura Denki Kabushiki Kaisha. Microprocessor controlled pulse motor. 4,506,201, 3-19-85, Cl. 318-603.000.

Tsunemi, Kazumasa; Suzuki, Taro; and Yamamoto, Yoshiichi, to UBE Industries, Ltd. Process for preparation of formaldehyde copolymers. 4,504,636, 3-12-85, Cl. 526-67.000.

Tsunemi, Masaaki; and Sasaki, Umekichi, to Nippon Oil Co., Ltd. Refrigeration oil composition. 4,504,403, 3-12-85, Cl. 252-68.000.

Tsunemura, Kazuo: *See—*
- Henry, Susanne G.; Tsunemura, Kazuo; and Iha, Kiyoshi, 4,538,661, Cl. 160-35.000.

Tsuneno, Hiroshi: *See—*
- Yamamoto, Hideharu; and Tsuneno, Hiroshi, 4,554,573, Cl. 357-73.000.

Tsuneno, Tatsuro; and Takaku, Masaaki, to Kao Corporation. Process for preparing boric esters of glycerol fatty acid esters. 4,515,725, 5-7-85, Cl. 260-410.700.

Tsuneno, Tatsuro: *See—*
- Nakano, Takaharu; Mochizuki, Akihiro; Nakazato, Morikuni; and Tsuneno, Tatsuro, 4,530,771, Cl. 252-49.600.

Tsuneoka, Akira: *See—*
- Yamamoto, Toshiki; Kiriu, Yukio; Tsuneoka, Akira; and Sudo, Kunikane, 4,556,099, Cl. 164-451.000.

Tsuno, Katsushige; and Honda, Toshikazu, to Jeol Ltd. Electron microscope. 4,520,264, 5-28-85, Cl. 250-311.000.

Tsuno, Kazuhiko: *See—*
- Sano, Nichiro; and Tsuno, Kazuhiko, 4,545,565, Cl. 251-331.000.

Tsuno, Koichi, to Sumitomo Electric Industries, Ltd. Device for accommodating bending of a cable. 4,522,113, 6-11-85, Cl. 92-113.000.

Tsuno, Koichi: *See—*
- Ono, Kimizo; and Tsuno, Koichi, 4,557,598, Cl. 356-241.000.
- Yoshida, Kenichi; Yokohara, Takashi; Ono, Kimizo; Nishiwaki, Yoshikazu; and Tsuno, Koichi, 4,547,072, Cl. 356-350.000.

Tsuno, Nobuo: *See—*
- Matsui, Minoru; and Tsuno, Nobuo, 4,538,562, Cl. 123-90.510.

Tsunoda, Kazuhiko, to Honda Giken Kogyo Kabushiki Kaisha. Rear suspension system for motorcycles. 4,505,492, 3-19-85, Cl. 280-284.000.

Tsunoda, Kazuhiko; and Hattori, Shigeru, to Honda Giken Kogyo Kabushiki Kaisha. Front brake system for motorcycles. 4,533,153, 8-6-85, Cl. 280-277.000.

Tsunoda, Kazuhiko: *See—*
- Isono, Tokio; and Tsunoda, Kazuhiko, 4,531,755, Cl. 280-277.000.
- Miyakoshi, Shinichi; and Tsunoda, Kazuhiko, 4,511,013, Cl. 180-227.000.

Tsunoda, Kazuyuki; and Ichikawa, Yoshio, to Nippon Electric Co., Ltd. Radio paging receiver having display control means. 4,536,761, 8-20-85, Cl. 340-825.440.

Tsunoda, Kikuo; and Kobayashi, Takehiro, to Ryobi Ltd. Bail arm control device for a spinning reel. 4,513,926, 4-30-85, Cl. 242-84.20G.

Tsunoda, Kikuo: *See—*
- Ozaki, Kiyomi; and Tsunoda, Kikuo, 4,524,921, Cl. 242-84.10J.

Tsunoda, Sachio; and Sato, Shinsaku, to Tokyo Shibaura Denki Kabushiki Kaisha. Multi-stage hydraulic machine and control method for a multi-stage hydraulic machine. 4,537,558, 8-27-85, Cl. 415-1.000.

Tsunoda, Takahiro; Yamaoka, Tsuguo; Ohmori, Akira; Tomihashi, Nobuyuki; and Tamaru, Sinji, to Daikin Kogyo Co., Ltd. Copolymer and photosensitive material containing the same. 4,529,783, 7-16-85, Cl. 526-246.000.

Tsunoda, Yoshito; Maeda, Takeshi; Nakamura, Shigeru; and Kaku, Toshimitsu, to Hitachi, Ltd. Optical recording apparatus. 4,532,522, 7-30-85, Cl. 346-44.000.

Tsunoda, Yoshito; Miyauchi, Toshimitsu; and Shigematsu, Kazuo, to Hitachi, Ltd. Information recording apparatus having automatic focusing. 4,556,965, 12-3-85, Cl. 369-45.000.

Tsunoda, Yoshito: *See—*
- Maeda, Takeshi; Mizoguchi, Yasumitsu; Takasago, Masahiro; Kaneda, Tokuya; and Tsunoda, Yoshito, 4,523,089, Cl. 250-205.000.
- Maeda, Takeshi; Takasago, Masahiro; and Tsunoda, Yoshito, 4,550,394, Cl. 369-46.000.
- Maeda, Takeshi; Tsunoda, Yoshito; Huno, Takakazu; Takasago, Masahiro; and Mizoguchi, Yasumitsu, 4,554,652, Cl. 369-44.000.
- Nakamura, Shigeru; Tsunoda, Yoshito; Shigematsu, Kazuo; Kaku, Toshimitsu; Maeda, Takeshi; and Kato, Tsuyoshi, 4,525,826, Cl. 369-46.000.

Tsunoi, Makato; Kai, Toshio; Shozen, Daisaku; Morimoto, Tatsuo; Inoue, Ikuo; Jindo, Katsuo; and Sato, Tetsuya, to Mitsubishi Jukogyo Kabushiki Kaisha. Method of manufacturing a combustor nozzle. 4,559,687, 12-24-85, Cl. 29-157.00C.

Tsurita, Tamio: *See—*
- Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, 4,545,801, Cl. 65-157.000.

Tsuriya, Masaaki: *See—*
- Nakamura, Masayuki; Tsuriya, Masaaki; and Funabashi, Masahiko, 4,501,836, Cl. 524-66.000.

Tsuru, Masahiro: *See—*
- Miyawaki, Yoshiharu; Hirose, Takeshi; Hamada, Yoneichi; Mizuoka, Seishi; and Tsuru, Masahiro, 4,532,980, Cl. 164-475.000.

Tsuru, Yoshiyuki: *See—*
- Nakaso, Akishi; Yamanoi, Kiyoshi; Okamura, Toshiro; and Tsuru, Yoshiyuki, 4,548,644, Cl. 106-1.230.

Tsurugi, Tomio: *See—*
- Sato, Akio; Nakajima, Kenji; Takahara, Yoshimasa; Kijima, Shizumasa; Inai, Yuichi; Kohara, Yoshiyuki; Kawakami, Yoshiyuki; and Tsurugi, Tomio, 4,500,463, Cl. 260-406.000.

Tsuruhara, Kenji: *See—*
- Kohyama, Katsuhisa; Matsuno, Akira; and Tsuruhara, Kenji, 4,546,172, Cl. 528-491.000.

Tsurukawa, Ikuya: *See—*
- Ohno, Yoshimi; Tsurukawa, Ikuya; and Ishino, Tokio, 4,498,754, Cl. 354-479.000.
- Ohno, Yoshimi; and Tsurukawa, Ikuya, 4,561,747, Cl. 354-402.000.

Tsurukawa, Toshio: *See—*
- Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio, 4,548,259, Cl. 165-14.000.

Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, to Toyo Seikan Kaisha, Ltd. Bonded can of key-opening type and process for production thereof. 4,553,682, 11-19-85, Cl. 220-75.000.

Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, to Toyo Seikan Kaisha, Ltd. Process for production of bonded can of key-opening type. 4,556,354, 12-3-85, Cl. 413-15.000.

Tsurumi, Michio; and Lee, Do I., to Dow Chemical Company, The. Crosslinked latexes encapsulated with linear polymers. 4,515,914, 5-7-85, Cl. 523-201.000.

Tsurumi-Seiko Co., Ltd., The: *See—*
- Suyama, Satoshi, 4,552,016, Cl. 73-170.00A.

Tsuruoka, Kazuhiro: *See—*
- Shizuka, Masayuki; Ogasawara, Nobuhiko; Kanamaru, Hisanobu; and Tsuruoka, Kazuhiro, 4,506,180, Cl. 310-91.000.

Tsuruoka, Ryozo: *See—*
- Nakayama, Tadakazu; Tsuruoka, Ryozo; and Matsumoto, Masaki, 4,495,142, Cl. 376-251.000.

Tsuruoka, Shingo, to Hino Jidosha Kogyo Kabushiki Kaisha. Combustion chamber in a diesel engine. 4,538,566, 9-3-85, Cl. 123-276.000.

Tsuruoka, Takashi: *See—*
- Koyama, Masao; Tsuruoka, Takashi; Ezaki, Norio; Miyauchi, Keinosuke; and Inouye, Shigeharu, 4,495,358, Cl. 548-550.000.
- Nishihata, Ken; Iinuma, Katsuharu; Yamada, Hitoshi; Hirano, Fumiya; and Tsuruoka, Takashi, 4,555,404, Cl. 514-201.000.
- Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,583, Cl. 71-86.000.
- Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,584, Cl. 71-86.000.

Tsuruoka, Yoshihiro: *See—*
- Shiga, Tatsuhide; Tanaka, Mikio; Doki, Yoshikuni; Tsuruoka, Yoshihiro; and Fujiwara, Masatoshi, 4,502,333, Cl. 73-701.000.

Tsurushima, Katsuaki; Furuya, Tsuneo; and Fukami, Tadashi, to Sony Corporation. Optical disc player. 4,519,058, 5-21-85, Cl. 369-53.000.

Tsuruta, Hirobumi; and Kondo, Kiichi, to Sankyo Rikagaku Kabushiki Kaisha; and Daishin Kagaku Kogyo Kabushiki Kaisha. Material for a planographic plate and a method of preparing such material. 4,507,383, 3-26-85, Cl. 430-275.000.

Tsuruta, Katsuji: *See—*
- Abe, Riichi; Tsuruta, Katsuji; and Tsujikado, Seiji, 4,491,266, Cl. 228-225.000.

Tsuruta, Keiji; and Tsutsumi, Nagayuki, to Mitsubishi Denki Kabushiki Kaisha. Package substation in tank with separate chambers. 4,500,935, 2-19-85, Cl. 361-333.000.

Tsuruta, Toshiro: *See—*
- Kashihara, Tomio; Tsuruta, Toshiro; Yamaguchi, Masayoshi; Yokoi, Kiyotachi; and Suzuki, Etsuji, 4,516,673, Cl. 198-341.000.

Tsuruta, Yuzo, to Kabushiki Kaisha Sunpak. Camera suitable for flash photography. 4,491,405, 1-1-85, Cl. 354-416.000.

Tsuruta, Yuzo, to Kabushiki Kaisha Sunpak. Coupling mechanism of photographic flash device. 4,555,747, 11-26-85, Cl. 362-3.000.

Tsuruya, Tetsuo: *See—*
- Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,501,606, Cl. 71-92.000.
- Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,505,739, Cl. 71-92.000.
- Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,545,809, Cl. 71-92.000.

Tsuruzoe, Hirohisa: *See—*
- Nakanishi, Masayuki; Tsuruzoe, Hirohisa; Sato, Humiyuki; and Hashimoto, Tokuo, 4,504,763, Cl. 313-318.000.

Tsushima, Kazunori: *See—*
- Nishida, Sumio; Matsuo, Noritada; Tsushima, Kazunori; Hatakoshi, Makoto; and Hirano, Masachika, 4,562,213, Cl. 514-721.000.

Tsushima, Noriyuki; and Hirose, Toshiharu, to NTN Toyo Bearing Company, Limited. Method of producing split bearing rings. 4,541,157, 9-17-85, Cl. 29-149.50C.

Tsushima, Rikio: *See—*

Matsunaga, Kinjiro; Okumura, Takeo; and Tsushima, Rikio, 4,495,173, Cl. 424-70.000.

Suzuki, Toshio; Watanabe, Hiroshi; and Tsushima, Rikio, 4,534,892, Cl. 252-545.000.

Tsushima, Susumu: *See—*

Hozumi, Motoo; Tsushima, Susumu; and Yoshioka, Yoshio, 4,544,512, Cl. 260-925.000.

Tsutada, Tadakazu: *See—*

Shingu, Tadashi; Tsutada, Tadakazu; Nishihara, Toshio; and Suzuki, Nobuo, 4,520,611, Cl. 52-789.000.

Tsutomu, Kimura; Nakayama, Hideo; and Fuseda, Yuichi, to Fuji Photo Film Co., Ltd. Image processing for unsharp masking of image. 4,538,179, 8-27-85, Cl. 358-166.000.

Tsutomu, Konaka: *See—*

Takayuki, Okada; Hisao, Tanaka; Ken-Ichi, Sawara; and Tsutomu, Konaka, 4,551,509, Cl. 526-68.000.

Tsutsui, Eiji; Yoshioka, Masahiro; Murakami, Masahiro; and Iwao, Noriyuki, to Mita Industrial Co., Ltd. Cleaning device for an electrostatic photographic copying machine. 4,516,849, 5-14-85, Cl. 355-15.000.

Tsutsui, Eiji: *See—*

Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, 4,551,013, Cl. 355-55.000.

Tsutsui, Ichiro: *See—*

Yamada, Hisafumi; Saito, Junya; and Tsutsui, Ichiro, 4,517,601, Cl. 358-167.000.

Tsutsui, Kyoji, to Ricoh Company, Ltd. Tetrazonium salt compounds, novel disazo compounds, method for the production thereof and disazo compound-containing electrophotographic elements. 4,540,643, 9-10-85, Cl. 430-58.000.

Tsutsui, Masatoshi: *See—*

Manabe, Katsuhide; and Tsutsui, Masatoshi, 4,551,387, Cl. 428-336.000.

Tsutsui, Osamu; Murakami, Shusaku; Kuwahara, Hidehiko; and Yasunaga, Shigefumi, to Toto Ltd. Instantaneous gas water heater. 4,501,261, 2-26-85, Cl. 126-351.000.

Tsutsui, Shinji, to Canon Kabushiki Kaisha. Method of and apparatus for adsorbingly fixing a body. 4,561,688, 12-31-85, Cl. 294-64.100.

Tsutsui, Toshio: *See—*

Gomi, Shimpei; Takeuchi, Tomomitsu; Matsuo, Itaru; Tsutsui, Toshio; Nakagawa, Takao; and Miwa, Shigeru, 4,522,627, Cl. 44-1.00R.

Tsutsui, Yujiro: *See—*

Sasaki, Ichiro; Tsutsui, Yujiro; Inoue, Masaru; and Kase, Toru, 4,502,718, Cl. 292-336.300.

Tsutsume, Shigeru: *See—*

Yoshida, Yoshiichi, 4,516,927, Cl. 425-549.000.

Tsutsumi, Akira, to Amada Engineering & Service Co., Inc. Relatively adjustable laser and optic system for laser processing. 4,503,313, 3-5-85, Cl. 219-121.0LG.

Tsutsumi, Akira, to Amada Company, Limited. Detector for the deviation of the optical axis in laser processing apparatus. 4,520,261, 5-28-85, Cl. 250-203.00R.

Tsutsumi, Hideo: *See—*

Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,493,831, Cl. 424-180.000.

Takaya, Takao; Tsutsumi, Hideo; Yasuda, Nobuyuki; and Matsuda, Keiji, 4,504,472, Cl. 514-36.000.

Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,554,269, Cl. 514-35.000.

Tsutsumi, Hisao; Inoue, Tomoko; and Ishida, Atsuo, to Kao Corporation. Emulsifying composition. 4,504,409, 3-12-85, Cl. 252-351.000.

Tsutsumi, Hisao; and Inoue, Tomoko, to Kao Corporation. Emulsifying composition. 4,510,070, 4-9-85, Cl. 252-351.000.

Tsutsumi, Hisao: *See—*

Suzuki, Toshiyuki; Nakamura, Tohru; and Tsutsumi, Hisao, 4,536,519, Cl. 514-785.000.

Takaishi, Naotake; Inamoto, Yoshiaki; Urata, Kouichi; Kawano, Junichi; and Tsutsumi, Hisao, 4,504,464, Cl. 424-63.000.

Tsutsumi, Kazumasu: *See—*

Suzuki, Shigeru; and Tsutsumi, Kazumasu, 4,527,206, Cl. 360-71.000.

Tsutsumi, Masahiro: *See—*

Mouri, Akihiko; Tabuchi, Yoshinobu; Tsuda, Akira; Tsutsumi, Masahiro; and Ikeda, Kazushige, 4,552,503, Cl. 414-687.000.

Tsutsumi, Masataka; and Frohman, Richard J., to Midwestern Industries, Inc. Method and apparatus for separating material. 4,555,330, 11-26-85, Cl. 209-254.000.

Tsutsumi, Masaya: *See—*

Shindow, Yoshio; Tsutsumi, Masaya; Hotta, Wataru; and Miyauchi, Yujiro, 4,522,892, Cl. 428-628.000.

Tsutsumi, Nagayuki: *See—*

Tsuruta, Keiji; and Tsutsumi, Nagayuki, 4,500,935, Cl. 361-333.000.

Tsutsumi, Shigeru. Hot tip bushing means for a synthetic resin injection molding machine. 4,517,453, 5-14-85, Cl. 219-421.000.

Tsutsumi, Shigeru: *See—*

Nikkuni, Hiroharu, 4,501,550, Cl. 425-549.000.

Tsutsumi, Shuitsu: *See—*

Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.

Tsutsumi, Suteo; and Koh, Hiroshi, to Fujitec Co., Ltd. Monitoring system for a predetermined field of view. 4,554,459, 11-19-85, Cl. 250-550.000.

Tsutsumi, Syuitsu: *See—*

Sekigawa, Tatsuaki; Gotoh, Akio; Tsutsumi, Syuitsu; Marui, Kuniyoshi; and Honda, Naoto, 4,509,201, Cl. 455-73.000.

Tsutsumi, Tadao: *See—*

Gotah, Eizo; Tomishima, Takeshi; Tsutsumi, Tadao; and Komuro, Yoshiyuki, 4,546,171, Cl. 528-310.000.

Tsutsumi, Takao: *See—*

Takase, Akio; Ogawa, Kohji; Tsutsumi, Takao; Yasuda, Yoshinori; and Taguchi, Hiroaki, 4,542,906, Cl. 273-185.00R.

Tsutsumi, Yasuyuki: *See—*

Tsukui, Tsutomu; Shimizu, Toshio; Doi, Ryota; and Tsutsumi, Yasuyuki, 4,537,840, Cl. 429-33.000.

Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, 4,528,251, Cl. 429-25.000.

Tsutsumi, Yoshio: *See—*

Ohta, Tomozo; Tsutsumi, Yoshio; and Sugano, Motoshi, 4,531,148, Cl. 358-21.00R.

Sato, Yoshito; Yato, Tokuhiro; Maeo, Hidemi; and Tsutsumi, Yoshio, 4,516,469, Cl. 91-362.000.

Tsutsumi, Yukihiro: *See—*

Kumoi, Sadakatsu; Mitarai, Keiji; and Tsutsumi, Yukihiro, 4,492,803, Cl. 564-486.000.

Sakamoto, Teruhisa; Ishida, Satoshi; Hironaka, Toshio; and Tsutsumi, Yukihiro, 4,528,410, Cl. 568-897.000.

Tsutsumikoshi, Shinobu; Goto, Akira; Murakami, Tsuyoshi; Takasaka, Masao; and Shinohara, Yoshiki, to Suzuki Motor Company Limited. Saddle riding type motorcar having four wheels. 4,535,869, 8-20-85, Cl. 180-311.000.

Tsuya, Noboru; Arai, Kenichi; and Takeuchi, Toshio, to Tohoku University. Process of producing silicon ribbon with p-n junction. 4,523,966, 6-18-85, Cl. 148-171.000.

Tsuya, Noboru; and Arai, Kenichi, to Tsuya, Noboru. Method of manufacturing a thin ribbon wafer of semiconductor material. 4,525,223, 6-25-85, Cl. 148-171.000.

Tsuya, Yuko: *See—*

Watanabe, Tadahiko; Tsuya, Yuko; and Enomoto, Yuji, 4,492,764, Cl. 501-87.000.

Tsuyama Mfg. Co., Ltd.: *See—*

Tsuyama, Sadaharu, 4,510,557, Cl. 362-188.000.

Uyeda, Takashi; and Matsumoto, Masaaki, 4,521,731, Cl. 324-174.000.

Tsuyama, Sadaharu, to Tsuyama Mfg. Co., Ltd. Headlamp device for bicycle, motorcycle and the like. 4,510,557, 4-9-85, Cl. 362-188.000.

Tsuyama, Setsuya: *See—*

Okada, Tokio; Tani, Haruhisa; Kojima, Shigezo; Tsuyama, Setsuya; Kurihara, Kazuhiko; and Yazawa, Hiroshi, 4,499,639, Cl. 28-282.000.

Tsuyoshi Masumoto: *See—*

Masumoto, Tsuyoshi; Inoue, Akihisa; Hagiwara, Michiaki; and Yasuhara, Kiyomi, 4,527,614, Cl. 164-463.000.

Tsuyoshi, Toshiaki: *See—*

Horikoshi, Tatsuo; Yonezawa, Seiji; Tsuyoshi, Toshiaki; Tooyama, Hiroshi; and Otake, Masatoshi, 4,541,082, Cl. 369-44.000.

Yonezawa, Seiji; Horikoshi, Tatsuo; and Tsuyoshi, Toshiaki, 4,504,937, Cl. 369-44.000.

Tsuyuki, Shinichi: *See—*

Kimura, Kazuo; Taneda, Yukinori; Tsuyuki, Shinichi; Suzuki, Shun; Hashimoto, Yoshio; and Sakamoto, Shinichi, 4,520,965, Cl. 242-7.05B.

Tsuyuki, Yasuo: *See—*

Kobayashi, Michio; and Tsuyuki, Yasuo, 4,546,691, Cl. 91-376.00R.

Tsuzuki, Akira: *See—*

Tanaka, Kyoichi; Tsuzuki, Akira; and Hioki, Shunichi, 4,500,441, Cl. 252-89.100.

Tsuzuki, Hanzo, to Casio Computer Co., Ltd. Electronic register. 4,502,119, 2-26-85, Cl. 364-405.000.

Tsuzuki, Hidehiro: *See—*

Asari, Akira; Tsuzuki, Hidehiro; Inoue, Yoichi; and Tabuchi, Takahisa, 4,537,569, Cl. 425-405.00H.

Tsuzuki, Hiroshige: *See—*

Morihara, Kazuyuki; Oka, Tatsushi; and Tsuzuki, Hiroshige, 4,511,505, Cl. 260-112.700.

Tsuzuki, Hiroyoshi, to Canon Kabushiki Kaisha. Data inserting device for camera. 4,515,452, 5-7-85, Cl. 354-106.000.

Tsuzuki, Junichi. Concrete segment molding flask. 4,529,162, 7-16-85, Cl. 249-158.000.

Tsuzuki, Junichi. Tunnel wall structure. 4,545,701, 10-8-85, Cl. 405-153.000.

Tsuzuki, Junichi. Tunnel shield structure. 4,558,970, 12-17-85, Cl. 405-153.000.

Tsuzuki, Kenji; and Morinaka, Hideo, to Toyo Soda Manufacturing Co., Ltd. 2-alkylaminopyridine derivatives. 4,560,762, 12-24-85, Cl. 546-297.000.

Tsuzuki, Kenji: *See—*

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.

Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.

Tsuzuki, Mitsuo, to NEC Corporation. Ink-jet recording system capable of recording a half-tone. 4,561,025, 12-24-85, Cl. 358-298.000.

Tsuzuki, Mitsuo: *See—*
Suga, Michihisa; and Tsuzuki, Mitsuo, 4,514,742, Cl. 346-140.00R.
Tsuzuki, Yoshihiko: *See—*
Ito, Osamu; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; and Hasegawa, Takashi, 4,494,511, Cl. 123-463.000.
Nakamura, Tetsuya; Hobo, Nobuhito; Tsuzuki, Yoshihiko; Suzuki, Yutaka; Haseda, Satoshi; and Masuda, Akira, 4,503,830, Cl. 123-501.000.
Tsuzurabara, Mamoru, to Hitachi, Ltd. Cathode structure of electron tube. 4,558,250, 12-10-85, Cl. 313-337.000.
Tsyganov, Alexei I.: *See—*
Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.
Tsyrkin, Mikhail I.: *See—*
Khramtsov, Alexandr A.; Tsyrkin, Mikhail I.; and Shinder, Ilya E., 4,510,849, Cl. 91-515.000.
Tu, Peter J., to AT&T Bell Laboratories. Technique for the transmission of video and audio signals over a digital transmission system. 4,544,950, 10-1-85, Cl. 358-143.000.
Tu Xuan, Mai, to Omega SA. Energizing method for a single phase timepiece stepping motor. 4,542,329, 9-17-85, Cl. 318-696.000.
Tualatin Sleep Products, Inc.: *See—*
Stanton, Norman C., 4,490,866, Cl. 5-471.000.
Tuason, Domingo C., Jr.: *See—*
McGinley, Emanuel J.; and Tuason, Domingo C., Jr., 4,518,433, Cl 106-180.000.
Tubbs, Eldred F.: *See—*
McLauchlan, John M.; AuYeung, John; Tubbs, Eldred F.; Goss, Willis C.; and Psaltis, Demetri, 4,533,242, Cl. 356-5.000.
Tubbs, Paul; and King, James, to Pennwalt Corporation. Synergistic lubricant additives of antimony thioantimonate and molybdenum disulfide or graphite. 4,557,839, 12-10-85, Cl. 252-23.000.
Tubbs, Paul: *See—*
King, James P.; and Tubbs, Paul, 4,497,719, Cl. 252-42.700.
Tubiflex, S.p.A.: *See—*
Quaranta, Cosimo, 4,536,019, Cl. 285-322.000.
Tubing Testors, Inc.: *See—*
Boutwell, Johnie R., 4,507,954, Cl. 73-40.700.
Tubiola, Peter J.: *See—*
Lakritz, Mark N.; Ordonez, Jose; and Tubiola, Peter J., 4,545,610, Cl. 29-589.000.
Tubridy, Michael F.: *See—*
Stewart, Donald F.; Tubridy, Michael F.; and Huthwaite, Herbert J., 4,556,696, Cl. 525-432.000.
Tubular Fabricators Ind., Inc.: *See—*
Battiston, Joseph D., Sr.; and Battiston, Joseph, Jr., 4,518,002, Cl. 135-67.000.
Tubular Specialties Mfg., Inc.: *See—*
Cooper, Leo, 4,498,654, Cl. 248-251.000.
Tubular Threading Incorporated: *See—*
Albert, Robert J., 4,516,306, Cl. 29-564.700.
Tucci, Allan T., to McDonnell Douglas Corporation. Method of producing composite structural members. 4,512,836, 4-23-85, Cl. 156-174.000.
Tucci, Charles A., to Cordis Corporation. Detachable balloon catheter and method of use. 4,545,367, 10-8-85, Cl. 128-1.00R.
Tucci, James M.: *See—*
Eineichner, Donald E.; Chandra, Rangasami S.; and Tucci, James M., 4,509,365, Cl. 73-151.000.
Tucek, Frank J., to J. I. Case Company. Crawler track support system with vertically extensible central rollers. 4,500,139, 2-19-85, Cl. 305-10.000.
Tuchiya, Isamu: *See—*
Fukui, Yoshihiro; Tuchiya, Isamu; and Yoshida, Shun, 4,534,812, Cl. 156-132.000.
Tuchiya, Yoshimasa; Chikaraishi, Takayo; and Kawamo, Kazunori, to Nissan Motor Company, Limited; and Nissan Shatai Company, Limited. Sealing structure for an automotive vehicle. 4,496,186, 1-29-85, Cl. 296-146.000.
Tuchiya, Yoshimasa; and Minami, Tatsuo, to Nissan Motor Company, Limited. Slider assembly for automotive sliding door. 4,559,740, 12-24-85, Cl. 49-216.000.
Tuchiya, Yoshimasa: *See—*
Nishimiya, Ryuji; Tuchiya, Yoshimasa; and Chikaraishi, Takayo, 4,541,201, Cl. 49-221.000.
Tuchiya, Yosimasa: *See—*
Chikaraishi, Takayo; Tuchiya, Yosimasa; and Kawamo, Kazunori, 4,492,405, Cl. 296-146.000.
Tuchman, Samuel: *See—*
Perlov, Gena; and Tuchman, Samuel, 4,498,850, Cl. 417-322.000.
Tuchman, Walter L.: *See—*
Elander, Robert C.; Lennon, Richard E.; Matyas, Stephen M.; Meyer, Carl H. W.; Shuck, Robert E.; and Tuchman, Walter L., 4,500,750, Cl. 178-22.080.
Tuck, Alan D.: *See—*
Wilden, James K.; and Tuck, Alan D., 4,549,467, Cl. 91-307.000.
Tucker, Abraham I.; and Spelber, Leonard G., to Wastemate Corporation. Anti-siphon control valve. 4,553,560, 11-19-85, Cl. 137-218.000.
Tucker, Alfred D., to RIS Irrigation Systems Pty. Ltd. Butterfly sprinkler. 4,498,628, 2-12-85, Cl. 239-381.000.
Tucker, Alfred D., to RIS Irrigation Systems Pty. Ltd. Drip feed device for irrigation purposes. 4,53[illegible],083, 8-6-85, Cl. 239-542.000.
Tucker, Annabelle D. Angio-catheter/infusion tubing lock. 4,539,003, 9-3-85, Cl. 604-93.000.
Tucker, Benjamin W.: *See—*
Oertel, Richard W., III; Richter, Reinhard H.; and Tucker, Benjamin W., 4,522,762, Cl. 260-453.00A.
Tucker, Burnis H.: *See—*
Moore, Jeff D.; Moore, Eddie C.; Tucker, Burnis H.; and Goodwill, William P., 4,520,681, Cl. 73-862.280.
Tucker, Charles R.: *See—*
Garst, Roger H.; Tuller, Frank N.; and Tucker, Charles R., 4,540,521, Cl. 260-459.00A.
Tucker, Christopher J., to GEC Avionics Limited. Arrangement for processing data in a two-dimensional array. 4,546,433, 10-8-85, Cl. 364-200.000.
Tucker, Christopher S.: *See—*
Heise, Michael S.; Tucker, Christopher S.; and Schwarz, James A., 4,522,941, Cl. 502-333.000.
Tucker, Daniel. Chlorine generator device. 4,500,404, 2-19-85, Cl. 204-266.000.
Tucker, Donald, to Raychem Corporation. Device to separate wires to be encapsulated in a connector. 4,538,020, 8-27-85, Cl. 174-65.00R.
Tucker, Donna L.: *See—*
Jones, Mary A.; and Tucker, Donna L., 4,536,028, Cl. 297-224.000.
Tucker, Edwin L.; Waller, Richard H., III; and Wilson, Kenneth T., to International Business Machines Corporation. Protocol for determining physical order of active stations on a token ring. 4,507,777, 3-26-85, Cl. 370-16.000.
Tucker, Harold A., to B. F. Goodrich Company, The. Hydrophosphonylated derivatives of glycidyl ether polymers. 4,500,684, 2-19-85, Cl. 525-327.300.
Tucker Housewares, Inc.: *See—*
Adriaansen, David, 4,561,135, Cl. 4-572.000.
Tucker, John G., to AT&T Technologies, Inc. Wire routing, tension-controlling and breaking mechanism. 4,519,552, 5-28-85, Cl. 242-7.170.
Tucker, Kenneth W.: *See—*
Joo, Louis A.; Tucker, Kenneth W.; and Webb, Scott D., 4,526,669, Cl. 204-243.00R.
Joo, Louis A.; Secrist, Duane R.; Clark, James M.; Tucker, Kenneth W.; and Shaner, Jay R., 4,529,494, Cl. 204-290.00R.
Tucker, Maurice K., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Transportable folding bridge. 4,534,079, 8-13-85, Cl. 14-14.000.
Tucker, Paul A.: *See—*
Rogers, Brian H.; and Tucker, Paul A., 4,537,607, Cl. 55-163.000.
Tucker, Raymond M.; and Dyer, Clarence L., to Rangaire Corporation. Induction cook-top system and control. 4,511,781, 4-16-85, Cl. 219-10.770.
Tucker, Robert C., Jr.: *See—*
Jackson, John E.; Adler, Thomas A.; Quets, Jean M.; and Tucker, Robert C., Jr., 4,519,840, Cl. 106-1.050.
Tucker, Theodore W., to Control Data Corporation. E Beam stage with below-stage X-Y drive. 4,516,029, 5-7-85, Cl. 250-442.100.
Tucker, Trevor W.; and Conway, Larry J., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Sampling spectrum analyzer. 4,504,785, 3-12-85, Cl. 324-77.00H.
Tucker, Trevor W.: *See—*
Conway, Larry J.; Tucker, Trevor W.; and Bouchard, Sylvain L., 4,504,791, Cl. 328-15.000.
Tucker, Walter R. Universal battery tray. 4,529,053, 7-16-85, Cl. 180-68.500
Tuckey, Charles H., to Walbro Corporation. Gear rotor fuel pump. 4,500,270, 2-19-85, Cl. 418-133.000.
Tuckey, Charles H., to Walbro Corporation. Rotary fuel pump with pulse modulation. 4,521,164, 6-4-85, Cl. 417-307.000.
Tuckey, Charles H., to Walbro Corporation. Rotary fuel pump. 4,540,354, 9-10-85, Cl. 418-15.000
Tuckey, Charles H., to Walbro Corporation. Pressure regulator with variable response. 4,543,935, 10-1-85, Cl. 123-463.000.
Tuda, Goro, to Kabushiki Kaisha Kobe Seiko Sho. Multi-articulate arm mechanism. 4,534,694, 8-13-85, Cl. 414-735.000
Tuda, Mamoru: *See—*
Asai, Koichi; Oe, Kunio; and Tuda, Mamoru, 4,503,607, Cl. 29-832.000.
Tudzynski, Paul: *See—*
Esser, Karl; Stahl, Ulf; Tudzynski, Paul; and Kuck, Ulrich, 4,492,758, Cl. 435-317.000.
Tuerenwerke Riexinger GmbH & Co. KG: *See—*
Riexinger, Gustav; and Nagel, Rudolf, 4,536,929, Cl. 29-33.00K
Tuft, Edward S.: *See—*
Cabus, Marcello M.; Howard, Billy D.; Colt, James W.; and Tuft, Edward S., 4,534,118, Cl. 34-34.000
Tuftco Corporation: *See—*
Densmore, John C.; and Watkins, Charles W., 4,509,439, Cl. 112-79.00R.
Green, Jerry T.; and Beasley, Max M., 4,519,326, Cl. 112-79.00R
Watkins, Charles W., 4,503,787, Cl. 112-79.00R.
Watkins, Charles W., 4,557,209, Cl. 112-266.200
Tufte, Obert N.: *See—*
Betsch, Regis J.; Liu, Michael S.; and Tufte, Obert N., 4,551,394, Cl. 428-641.000.
Tufts, Timothy A.: *See—*
Goel, Anil B.; and Tufts, Timothy A., 4,540,767, Cl. 528-60.000
Goel, Anil B.; and Tufts, Timothy A., 4,562,240, Cl. 528-73.000
Tufts, Wesley M., to Control Fluidics, Inc. Water saving toilet system. 4,516,280, 5-14-85, Cl. 4-319.000.

Tufts, Wesley M., to Control Fluidics, Inc. Toilet system. 4,550,452, 11-5-85, Cl. 4-319.000.

Tuggle, Lloyd H.; and Ferlito, Michael J., to Emerson Electric Co. Fuel mixture enrichment system for internal combustion engine. 4,508,068, 4-2-85, Cl. 123-187.50R.

Tuggle, William E. Wheel for land vehicles and method for moving such vehicles over soft or irregular surfaces. 4,538,657, 9-3-85, Cl. 152-375.000.

Tuhro, Richard H., to Xerox Corporation. Image sensor correction system. 4,555,732, 11-26-85, Cl. 358-213.000.

Tukahara, Ryoichi: *See—*
  Nishizawa, Tsutomu; Tukahara, Ryoichi; Morinaka, Ryoichi; and Hidaka, Tuneo, 4,536,320, Cl. 252-299.100.
  Yamada, Yasuyuki; Tanaka, Tadaaki; Tukahara, Ryoichi; and Nishizawa, Tsutomu, 4,555,355, Cl. 252-299.100.

Tukamoto, Kenkichi. Needle. 4,508,119, 4-2-85, Cl. 128-329.00A.

Tukamoto, Masahiro, to Nippon Seiko Kabushiki Kaisha. Webbing locking device for the seat belt of an automotive vehicle. 4,519,555, 5-28-85, Cl. 242-107.200.

Tukamoto, Masatoshi; and Sawayama, Tadahiro, to Dainippon Pharmaceutical Co., Ltd. Optically active N-substituted phenylalaninols and use thereof. 4,536,601, 8-20-85, Cl. 564-355.000.

Tulen, Jack A.; and Tulen, James L. Multiple fixture for replacing worn hoe bits. 4,533,001, 8-6-85, Cl. 172-438.000.

Tulen, James L.: *See—*
  Tulen, Jack A.; and Tulen, James L., 4,533,001, Cl. 172-438.000.

Tulenko, William, Jr. Collapsible end table. 4,508,038, 4-2-85, Cl. 108-135.000.

Tulin Corporation: *See—*
  Squire, John S., 4,510,429, Cl. 318-696.000.

Tulk, Thomas C.: *See—*
  Boitz, Gary L.; and Tulk, Thomas C., 4,502,233, Cl. 33-181.0AT.

Tuller, Frank N.: *See—*
  Garst, Roger H.; Tuller, Frank N.; and Tucker, Charles R., 4,540,521, Cl. 260-459.00A.

Tullis, Barclay J.; Parikh, Mihir; Thrasher, David L.; and Johnston, Mark E., to Hewlett-Packard Company. Particle-free dockable interface for integrated circuit processing. 4,532,970, 8-6-85, Cl. 141-98.000.

Tullis, Barclay J., to Hewlett-Packard Company. Interlocking door latch for dockable interface for integrated circuit processing. 4,534,389, 8-13-85, Cl. 141-98.000.

Tullos, Homan C.; and Woods, Dewey W., to Kelly Bushing Tools, Inc. Wireline protector with improved clamping mechanism. 4,509,605, 4-9-85, Cl. 175-57.000.

Tully, Wilfred R., to Roussel Uclaf. Imidazo(1,2-a)pyrimidines and their salts useful for treating anxiety. 4,532,243, 7-30-85, Cl. 514-258.000.

Tulupov, Sergei A.: *See—*
  Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.

Tuma, Alan J.: *See—*
  Fiala, Peter E.; Davis, Gerald E.; Tuma, Alan J.; and Hart, Jack E., 4,541,595, Cl. 244-129.300.

Tumelty, Paul F.: *See—*
  Gualtieri, Devlin M.; and Tumelty, Paul F., 4,520,460, Cl. 365-33.000.

Tumey, Michael L.: *See—*
  Husman, James R.; Kellen, James N.; McCluney, Rebecca E.; and Tumey, Michael L., 4,554,324, Cl. 525-301.000.

Tumlinson, Larry N. Method and apparatus for extraction of aloe vera gel. 4,555,987, 12-3-85, Cl. 100-118.000.

Tummala, Rao R.; and Master, Raj N., to International Business Machines Corporation. Material and process set for fabrication of molecular matrix print head. 4,504,340, 3-12-85, Cl. 156-89.000.

Tunac, Josefino B.; Dobson, William E.; and Graham, Blanche D., to Warner-Lambert Company. Antibiotic complex producing bacterial culture. 4,495,286, 1-22-85, Cl. 435-253.000.

Tunac, Josefino B.: *See—*
  Bunge, Richard H.; French, James C.; Hurley, Timothy R.; Smitka, Tim A.; and Tunac, Josefino B., 4,530,835, Cl. 424-117.000.
  Young, Cynthia A.; Schaumberg, John P.; Hokanson, Gerard C.; French, James C.; and Tunac, Josefino B., 4,554,162, Cl. 424-117.000.

Tunberg, Robert A., to Whitey's Ice Cream Manufacturers, Inc. Protective sleeve for a paper cup. 4,548,349, 10-22-85, Cl. 229-1.50H.

Tunc, Deger C. Method of reducing nutrient absorption. 4,520,017, 5-28-85, Cl. 514-54.000.

Tunc, Deger C., to Johnson & Johnson Products, Inc. Absorbable bone fixation device. 4,539,981, 9-10-85, Cl. 128-92.00B.

Tunc, Deger C., to Johnson & Johnson Products, Inc. Absorbable bone fixation device. 4,550,449, 11-5-85, Cl. 623-16.000.

Tundra Holdings Ltd.: *See—*
  Milne, William G.; and Saruwatari, Minoru, 4,499,966, Cl. 182-3.000.

Tune, John B.: *See—*
  Clarke, David E.; Davies, James F.; Smart, Colin; and Tune, John B., 4,555,354, Cl. 252-90.000.

Tunemoto, Daiei: *See—*
  Kondo, Kiyoshi; Takashima, Toshiyuki; and Tunemoto, Daiei, 4,526,987, Cl. 549-305.000.
  Sakai, Kunikazu; Tunemoto, Daiei; Kobori, Takeo; and Kondo, Kiyosi, 4,540,794, Cl. 548-127.000.

Tung, Chi F.; and Coderre, James C., to Minnesota Mining and Manufacturing Company. Retroreflective sheeting. 4,511,210, 4-16-85, Cl. 350-105.000.

Tung, Lu H.; Lo, Grace Y.; and Griggs, Jerald A., to Dow Chemical Company, The. Impact resistant α-methylstyrene-styrene copolymer blends. 4,525,532, 6-25-85, Cl. 525-98.000.

Tung, Ming-Biu: *See—*
  Niknejad, Jalil; and Tung, Ming-Biu, 4,531,508, Cl. 126-90.00R.

Tung, Raymond T.: *See—*
  Gibson, John M.; Jacobson, Dale C.; Poate, John M.; and Tung, Raymond T., 4,555,301, Cl. 156-617.00R.

Tung, Thomas T.: *See—*
  Kudert, Frederick G.; Latreille, Maurice G.; Tennant, William A.; and Tung, Thomas T., 4,497,621, Cl. 425-145.000.
  Kudert, Frederick G.; Tennant, William A.; and Tung, Thomas T., 4,512,730, Cl. 425-130.000.
  McHenry, Robert J.; Pfutzenreuter, Henry, III; Tung, Thomas T.; and Vella, John, Jr., 4,554,190, Cl. 428-35.000.

Tung, William C. T.; and Deisz, George A., to Goodyear Tire & Rubber Company, The. Polyester composition. 4,525,524, 6-25-85, Cl. 524-601.000.

Tung, William C. T.: *See—*
  Heater, Paul L., Jr.; Bletso, Nelson C.; and Tung, William C. T., 4,496,673, Cl. 523-458.000.

Tungate, Freddie L.: *See—*
  Bennett, James G., Jr.; Tungate, Freddie L.; and Kokoszka, John J., 4,503,272, Cl. 568-804.000.
  Bennett, James G., Jr.; and Tungate, Freddie L., 4,547,480, Cl. 502-159.000.

Tungatt, Paul D.: *See—*
  Tyler, Derek E.; Cheskis, Harvey P.; and Tungatt, Paul D., 4,533,388, Cl. 75-76.000.
  Tyler, Derek E.; Cheskis, Harvey P.; and Tungatt, Paul D., 4,537,627, Cl. 75-76.000.

Tungsten Industries, Inc.: *See—*
  Fletcher, George R., Jr.; Messick, George H., Jr.; Roby, Charles K.; and Huey, Cecil O., Jr., 4,550,532, Cl. 51-288.000.

Tunkel, Norman: *See—*
  Schetelich, Alan A.; Tunkel, Norman; and Brownawell, Darrell W., 4,502,970, Cl. 252-32.70E.

Tunks, Larry M.: *See—*
  Combest, H. E. Buddy; and Tunks, Larry M., 4,527,429, Cl. 73-744.000.

Tunks, M. Larry. Crank and braking mechanism for fishing reels. 4,526,331, 7-2-85, Cl. 242-218.000.

Tunoda, Kikuo, to Ryobi Ltd. Fishing reel with traverse-cam member rotatably mounted on anti-reverse shaft. 4,512,531, 4-23-85, Cl. 242-84.21R.

Tunoda, Kikuo; and Ozaki, Kiyomi, to Ryobi Ltd. Fishing spinning reels. 4,524,923, 6-25-85, Cl. 242-84.50A.

Tunoda, Kikuo: *See—*
  Ozaki, Kiyomi; and Tunoda, Kikuo, 4,509,704, Cl. 242-84.20A.

Tuohy, Dennis J., III. Rolling tool box. 4,522,326, 6-11-85, Cl. 224-310.000.

Tuomaala, Jorma A. K., to Teratuote Oy. Elastic mounting for the rod-shaped tooth of a cut-off saw. 4,524,664, 6-25-85, Cl. 83-840.000.

Tuomi, Alpo, to Rauma-Repola Oy. Method for multistage bleaching and washing with recycle of displaced bleaching liquor. 4,529,479, 7-16-85, Cl. 162-29.000.

Tuong, Huynh-Ba; Kelly, Stephen M.; and Osman, Maged A., to Merck Patent Gesellschaft mit beschrankter Haftung. Anisotropic compounds and liquid crystal mixtures. 4,514,317, 4-30-85, Cl. 252-299.620.

Tuot, James, to Nestec S.A. Process for the preparation of foamed aromatization capsules and the capsules produced thereby. 4,520,033, 5-28-85, Cl. 426-96.000.

Tuovinen, Heikki: *See—*
  Honkaniemi, Matti; Jankkila, Martti; Nurminen, Aimo; Virta, Matias; Iisakka, Veikko; Krogerus, Helge; Tuovinen, Heikki; Mantymaki, Tarmo; and Lajunen, Erkki, 4,491,952, Cl. 373-74.000.

Tupack, Robert E.: *See—*
  Haglund, Richard A.; and Tupack, Robert E., 4,543,677, Cl. 14-71.500.

Tupper, Alan W., to Latchways Limited. Threading device. 4,560,098, 12-24-85, Cl. 226-92.000.

Tur-Kaspa, Yosef; and Lenz, Ehud, to Technion Research and Development Foundation, Ltd. Object-gripping device and industrial robot including same. 4,500,126, 2-19-85, Cl. 294-86.00R.

Turanchik, Michael F.; Yeung, Kwok K.; and Smith, Nathan L., to Allied Corporation. Detecting rheumatoid factor with synthetic particles having immune complexes thereon. 4,547,466, 10-1[illegible]85, Cl. 436-509.000.

Turba, Egon. Surface for sports areas, particularly tennis courts, and its manufacture. 4,523,755, 6-18-85, Cl. 272-3.000.

Turbak, Albin F.; Snyder, Fred W.; and Sandberg, Karen R., to International Telephone and Telegraph Corporation. Suspensions containing microfibrillated cellulose. 4,500,546, 2-19-85, Cl. 514-781.000.

Turban, Martin M.: *See—*
  Karagoz, Berch Y.; Turban, Martin M.; Moore, Lyman T.; and Travers, Mark D., 4,513,425, Cl. 373-88.000.

Turbard, Alan M.: *See—*
  Foley, Peter N.; and Turbard, Alan M., 4,517,810, Cl. 62-186.000.

Turbine Components Corporation: *See—*
  Shankar, Srinivasan, 4,501,776, Cl. 427-253.000.

- Shankar, Srinivasan; and Goward, G. William, 4,526,814, Cl. 427-253.000.

Turbitt, David M.; and Archibald, James F. Density classification of particulate materials by elutriation methods and apparatus. 4,554,066, 11-19-85, Cl. 209-3.000.

Turbo Kogyo Co., Ltd.: *See—*
- Yamagishi, Takashi, 4,524,915, Cl. 241-39.000.

Turbo Refrigerating Company: *See—*
- Hagen, William F., 4,531,380, Cl. 62-320.000.

Turbo Ventana Limited: *See—*
- Palmer, George J., 4,531,455, Cl. 95-96.000.

Turbo-Werk Messtechnik GmbH: *See—*
- Doll, Friedhelm, 4,554,828, Cl. 73-202.000.

Turbon, Klaus, to Turbon Plastics, U.S.A., Inc. Ribbon cassette assembly. 4,521,125, 6-4-85, Cl. 400-208.000.

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- Turbon, Klaus, 4,521,125, Cl. 400-208.000.

Turbowitz, Leslie; and Pipa, William, to Azrack-Hamway International, Inc. Amphibious toy vehicle. 4,540,376, 9-10-85, Cl. 446-164.000.

Turbowitz, Leslie D.: *See—*
- Pipa, William J.; and Turbowitz, Leslie D., 4,545,451, Cl. 180-70.100.

Turbyfill, Rueben M.: *See—*
- Kelly, Timothy A.; and Turbyfill, Rueben M., 4,519,645, Cl. 296-224.000.
- Kelly, Timothy A.; and Turbyfill, Rueben M., 4,522,115, Cl. 98-2.140.

Turco, Loreto: *See—*
- Cilindro, Leticia D., 4,518,288, Cl. 409-219.000.

Turcsan, Istvan: *See—*
- Szejtli, Jozsef; Stadler nee Szoke, Agnes; Vikmon nee Kiraly, Maria; Korbonits, Dezso; Virag, Sandor; Turcsan, Istvan; and Kiss, Pal, 4,518,588, Cl. 514-58.000.

Turczyn, Mark T., to United States of America, Agriculture. Device for simulating stress on packages during coupling of railcars. 4,545,236, 10-8-85, Cl. 73-12.000.

Tureaud, Aloysius K. Bowling aid device. 4,496,151, 1-29-85, Cl. 273-54.00B.

Tureaud, Aloysius K. Apparatus for treating human feet. 4,523,580, 6-18-85, Cl. 128-52.000.

Turecek, Bozena, to Trecan, Ltd. Door closure assembly for incinerators, furnaces, and ovens. 4,503,784, 3-12-85, Cl. 110-176.000.

Turek, Edward A.: *See—*
- Goddin, Clifton S., Jr.; Turek, Edward A.; and George, Boyd A., 4,529,411, Cl. 55-16.000.

Turek, Evan J.: *See—*
- Fulger, Charles V.; Stahl, Howard D.; Turek, Evan J.; and Bayha, Renee, 4,508,745, Cl. 426-594.000.

Turek, James A.: *See—*
- Moody, Roy A.; Kirsinas, Peter; and Turek, James A., 4,527,328, Cl. 29-749.000.

Turek, Joseph F.: *See—*
- Godsey, H. Dean; Schoen, Donald F.; and Turek, Joseph F., 4,519,713, Cl. 366-79.000.

Turi, Raymond A.; and Pfeifer, Robert F., to NCR Corporation. Unified CMOS/SNOS semiconductor fabrication process. 4,516,313, 5-14-85, Cl. 29-571.000.

Turin, William: *See—*
- Dollard, Peter M.; and Turin, William, 4,521,886, Cl. 371-43.000.

Turiot, Andre: *See—*
- Veaux, Jacques; and Turiot, Andre, 4,530,425, Cl. 188-299.000.

Turk, Donald L.: *See—*
- Tran, Ry M.; Stevens, Floyd E.; Turk, Donald L.; and Chun, Kwang S., 4,561,281, Cl. 72-389.000.

Turk, Erich: *See—*
- Vierkotter, Peter; Turk, Erich; Holdt, Bernd-Dieter; and Menke, Ronald, 4,541,551, Cl. 222-456.000.

Turk, Gunter: *See—*
- Nauroth, Peter; Esch, Heinz; and Turk, Gunter, 4,495,167, Cl. 423-339.000.

Turk, Herbert; and Schiminski, Herbert, to Barmag Barmer Maschinenfabrik AG. Method and apparatus for spinning yarn and resulting yarn product. 4,561,244, 12-31-85, Cl. 57-336.000.

Turk, Herbert: *See—*
- Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, 4,505,436, Cl. 242-43.00A.
- Schippers, Heinz; Lenk, Erich; Turk, Herbert; and Schiminski, Herbert, 4,505,437, Cl. 242-43.00A.
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Turk, Roger R.: *See—*
- Harrington, James A.; Pastor, Antonio C.; Standlee, Arlie G.; and Turk, Roger R., 4,532,000, Cl. 156-620.000.

Turk, Stanley D.: *See—*
- Drake, Charles A.; and Turk, Stanley D., 4,495,344, Cl. 528-340.000.

Turk, Wolfgang: *See—*
- Brombacher, Urs; Montavon, Marc; Bretschneider, Hermann; Schantl, Joachim; and Turk, Wolfgang, 4,544,659, Cl. 514-297.000.

Turko, John W.: *See—*
- Engel, Larry J.; and Turko, John W., 4,522,159, Cl. 123-1.00A.
- Engel, Larry J.; and Turko, John W., 4,523,548, Cl. 123-1.00A.
- Engel, Larry J.; and Turko, John W., 4,531,558, Cl. 141-44.000.

Turley, Bernard C.: *See—*
- Martin, Robert J.; Cisko, Lawrence W.; and Turley, Bernard C., 4,510,033, Cl. 204-245.000.

Turley, John W.; and Sendzimir, Michael G., to T. Sendzimir, Inc. Six-high rolling mills. 4,531,394, 7-30-85, Cl. 72-238.000.

Turley, John W.; and Sendzimir, Michael G. Strip wiping system. 4,551,878, 11-12-85, Cl. 15-102.000.

Turley, Stephen E. H., to ITT Industries, Inc. Method of making a compound semiconductor laser. 4,496,403, 1-29-85, Cl. 148-171.000.

Turley, Stephen E. H.: *See—*
- Greene, Peter D.; and Turley, Stephen E. H., 4,509,996, Cl. 148-171.000.

Turna, Osman: *See—*
- Albrecht, Johannes; Jakobs, Rudolf; Turna, Osman; Vierrath, Helmut; Weil, Manfred; and Zapke, Klaus, 4,536,193, Cl. 48-77.000.

Turnbow, Garry V.: *See—*
- Hartmann, Philip W.; Kohs, Dwight W.; Spencer, Douglas A.; and Turnbow, Garry V., 4,510,596, Cl. 370-58.000.

Turnbull, Clyde D., to Hunt Manufacturing Co. Work station. 4,555,150, 11-26-85, Cl. 312-250.000.

Turnbull, Lennox B.; Donohue, John A.; and Jagdmann, Gunnar E., Jr., to A. H. Robins Company, Incorporated. Antiemetic N-(1-substituted-4,5-dihydro-1H-pyrazol-4-yl)benzamides. 4,547,518, 10-15-85, Cl. 514-403.000.

Turnbull, Michael D., to Imperial Chemical Industries PLC. Insecticidally active 2,6-disubstituted benzimidate derivatives. 4,559,353, 12-17-85, Cl. 514-346.000.

Turnbull, Robert S., to C.W.F. Hamilton & Company Limited. Marine jet propulsion units. 4,509,923, 4-9-85, Cl. 440-43.000.

Turner, Andrew D.: *See—*
- Bridger, Nevill J.; and Turner, Andrew D., 4,548,695, Cl. 204-284.000.

Turner, Arthur R. Bracing element. 4,503,652, 3-12-85, Cl. 52-657.000.

Turner, David: *See—*
- Schutten, Herman P.; Hoppie, Lyle O.; Turner, David; and Chute, Richard, 4,538,642, Cl. 137-625.280.

Turner, Donald. Mathematical teaching cards. 4,512,746, 4-23-85, Cl. 434-209.000.

Turner, Donald R., to Williams Industries, Inc. Thermostat cover. 4,543,445, 9-24-85, Cl. 174-5.00R

Turner, E. Wayne: *See—*
- Hardigg, James S.; and Turner, E. Wayne, 4,495,260, Cl. 429-180.000.

Turner, Earl W., to Audiovox Corp. Vehicular security system. 4,538,135, 8-27-85, Cl. 340-63.000.

Turner, Edward W.; Blake, Peter J.; and Strzegowski, Joseph C., Jr., to Hardigg Industries, Inc. Size trimmer. 4,553,464, 11-19-85, Cl. 83-865.000.

Turner Electric Corporation: *See—*
- Turner, John L., 4,492,835, Cl. 200-144.00B.

Turner, Frank E., to Burke Company, The. Concrete slab key joint forming strip and supporting stake therefor. 4,516,875, 5-14-85, Cl. 404-50.000.

Turner, Garland L.: *See—*
- Cordova, Colleen W.; Mago, Brij M.; Turner, Garland L.; and Braswell, William D., 4,548,866, Cl. 428-398.000.
- Twilley, Ian C.; Turner, Garland L.; Saunders, Peter R.; and Haylock, John C., 4,507,361, Cl. 428-373.000.

Turner, Gary B.: *See—*
- Morel, Don L.; Gay, Robert R.; and Turner, Gary B., 4,517,403, Cl. 136-249.000.

Turner, George F. A. M., to Ciba-Geigy AG. Fixed focus enlarger. 4,498,763, 2-12-85, Cl. 355-55.000.

Turner, George F. A. M., to Ciba-Geigy AG. Daylight enlarger. 4,529,297, 7-16-85, Cl. 355-45.000.

Turner, George F. A. M.; Moore, Michael H.; and Twigger, Ernest J., to Ciba-Geigy AG. Daylight enlarger. 4,552,452, 11-12-85, Cl. 355-27.000.

Turner, George R.: *See—*
- Cherry, Sidney J.; and Turner, George R., 4,557,529, Cl. 308-4.00R.

Turner, George S.; and Mitchell, Donald R., to Diversitech Corporation. Lightweight concrete cladded heavy equipment base. 4,505,449, 3-19-85, Cl. 248-669.000.

Turner, Herman E., Jr.; and Shanaberger, Jan L., to Nordson Corporation. Manipulator robot. 4,547,120, 10-15-85, Cl. 414-744.00R.

Turner, Jack C. Reciprocating piston electric motor. 4,507,579, 3-26-85, Cl. 310-23.000.

Turner, James A., to Dow Chemical Company, The. Naphthyridinyloxy(or thio)phenoxy propanoic acids, derivatives thereof and methods of herbicidal use. 4,533,381, 8-6-85, Cl. 71-94.000.

Turner, James A., to Dow Chemical Company, The. Certain naphthyridine diether compounds and their herbicidal use. 4,536,208, 8-20-85, Cl. 71-94.000.

Turner, Jan R.; Krupinski, Veronica M.; Fukuda, David S.; and Baltz, Richard H., to Eli Lilly and Company. Process for preparing macrocin derivatives. 4,559,301, 12-17-85, Cl. 435-76.000.

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- Blaszczak, Larry C.; Kukolja, Stjepan; and Turner, Jan R., 4,492,693, Cl. 424-246.000.
- Blaszczak, Larry C.; and Turner, Jan R., 4,492,694, Cl. 424-246.000.
- Shreve, Barbara B.; and Turner, Jan R., 4,522,919, Cl. 435-119.000.

Turner, Jeffrey A. Computer desk. 4,560,215, 12-24-85, Cl. 312-196.000.

Turner, John, to Robbins Company, The. Tunnel boring machine. 4,548,443, 10-22-85, Cl. 299-31.000.

- Turner, John D., to Cotton Incorporated. Fugitive ink composition. 4,505,944, 3-19-85, Cl. 427-8.000.
- Turner, John L., to Turner Electric Corporation. Load interrupter device. 4,492,835, 1-8-85, Cl. 200-144.00B.
- Turner, John V.; and Bell, Russell A. Process for making gibberellins. 4,532,334, 7-30-85, Cl. 549-297.000.
- Turner, Jonathan S., to AT&T Bell Laboratories. Fast packet switch. 4,491,945, 1-1-85, Cl. 370-60.000.
- Turner, Jonathan S., to AT&T Bell Laboratories. Fast packet switching system. 4,494,230, 1-15-85, Cl. 370-60.000.
- Turner, Jonathan S., to AT&T Bell Laboratories. Duplicated network arrays and control facilities for packet switching. 4,512,011, 4-16-85, Cl. 370-60.000.
- Turner, Jonathan S.; and Wyatt, Leonard F., to AT&T Bell Laboratories. Alternate paths in a self-routing packet switching network. 4,550,397, 10-29-85, Cl. 370-60.000.
- Turner, Jonathan S., to AT&T Bell Laboratories. Distributed monitoring of packet transmission delay. 4,551,833, 11-5-85, Cl. 370-60.000.
- Turner, Jonathan S., to AT&T Bell Laboratories. Integrated self-checking packet switch node. 4,561,090, 12-24-85, Cl. 370-60.000.
- Turner, Larry S., to Owens-Corning Fiberglas Corporation. Five-tab strip shingles. 4,499,702, 2-19-85, Cl. 52-555.000.
- Turner, Laurence F.; Bailey, John W.; and Parrish, Henry H., to Racal-Milgo Limited. Differential encoder and decoder for transmitting binary data. 4,562,425, 12-31-85, Cl. 340-347.0DD.
- Turner, Michael J. B.: *See—*
  - Berry, Paul S.; Kettlewell, Peter J.; and Turner, Michael J. B., 4,508,062, Cl. 119-82.000.
  - Berry, Paul S.; Benson, John A.; Kettlewell, Peter J.; and Turner, Michael J. B., 4,513,689, Cl. 119-82.000.
- Turner, Namon L. IV securing means. 4,531,942, 7-30-85, Cl. 604-180.000.
- Turner, Norman L., to Varian Associates, Inc. Method and apparatus for controlling thermal transfer in a cyclic vacuum processing system. 4,535,834, 8-20-85, Cl. 165-80.00R.
- Turner, Patrick E.: *See—*
  - Brown, Robert M.; and Turner, Patrick E., 4,529,640, Cl. 428-116.000.
- Turner, Patrick J.: *See—*
  - Cottrell, John S.; Turner, Patrick J.; and Kay, David J., 4,524,275, Cl. 250-298.000.
- Turner, Paul W.: *See—*
  - Perkins, Richard A.; Brady, William C.; and Turner, Paul W., 4,536,202, Cl. 65-1.000.
- Turner Quick-Lift Corporation: *See—*
  - VanDenberg, Ervin K., 4,504,080, Cl. 280-704.000.
- Turner, Ralph E., Jr.: *See—*
  - Cook, Jerry A.; Garner, Robert H.; Turner, Ralph E., Jr.; and Bilimoria, Bomi M., 4,561,597, Cl. 241-17.000.
- Turner, Reed J.: *See—*
  - Peters, Loren W.; and Turner, Reed J., 4,531,528, Cl. 130-24.000.
- Turner, Richard L.: *See—*
  - Leeper, Marvin A.; Turner, Richard L.; and Simpkins, Terry J., 4,516,805, Cl. 297-330.000.
- Turner, Robert; and Seabrook, Robert A., to Ford Motor Company. Steering column assembly. 4,507,982, 4-2-85, Cl. 74-493.000.
- Turner, Robert B.; Peffley, Richard D.; and Vanderhider, James A., to Dow Chemical Company, The. Reaction injection molded polyurethanes employing high molecular weight polyols. 4,530,941, 7-23-85, Cl. 521-176.000.
- Turner, Robert C.; Stone, Anthony B.; and Holman, Rury R. Dose metering plunger devices for use with syringes. 4,498,904, 2-12-85, Cl. 604-211.000.
- Turner, Robert C.: *See—*
  - Boehm, Paul C.; Mortimer, John H.; Rowan, Henry M.; and Turner, Robert C., 4,506,131, Cl. 219-10.770.
- Turner, Robert L., to RCA Corporation. Video disc package. 4,499,995, 2-19-85, Cl. 206-312.000.
- Turner, Robert M. Handrail for toddlers. 4,556,201, 12-3-85, Cl. 256-59.000.
- Turner, Roger S. Semiconductor wafer sectioning machine. 4,495,732, 1-29-85, Cl. 51-91.00R.
- Turner, Roger S. Optical projection viewing system. 4,537,483, 8-27-85, Cl. 353-39.000.
- Turner, Roy D.: *See—*
  - Holman, Howard E.; and Turner, Roy D., 4,525,014, Cl. 339-14.00R.
  - Holman, Howard E.; and Turner, Roy D., 4,541,684, Cl. 339-14.00L.
- Turner, Rudolf, to Zenith Electronics Corporation. Vertical reference signal identification system. 4,535,353, 8-13-85, Cl. 358-21.00V.
- Turner, S. Richard; Siano, Donald B.; and Bock, Jan, to Exxon Research & Engineering Co. Acrylamide-alkylacrylamide copolymers. 4,520,182, 5-28-85, Cl. 526-307.200.
- Turner, S. Richard; Siano, Donald B.; and Bock, Jan, to Exxon Research & Engineering Co. Microemulsion process for producing acrylamide-alkyl acrylamide copolymers. 4,521,580, 6-4-85, Cl. 526-307.200.
- Turner, S. Richard; Walker, Thad O.; Peiffer, Dennis G.; and Lundberg, Robert D., to Exxon Research & Engineering Co. Drilling fluids based on sulfonated thermoplastic polymers having improved low temperature rheological properties. 4,525,522, 6-25-85, Cl. 524-547.000.
- Turner, S. Richard; Siano, Donald B.; and Bock, Jan, to Exxon Research & Engineering Co. Micellar process for the production of acrylamide-alkyl acrylamide copolymers. 4,528,348, 7-9-85, Cl. 526-225.000.
- Turner, S. Richard, to Exxon Research & Engineering Co. Copolymers of sodium styrene sulfonate and sodium-N-(4-sulfophenyl)-maleimide. 4,540,762, 9-10-85, Cl. 526-262.000.
- Turner, S. Richard: *See—*
  - Peiffer, Dennis G.; Lundberg, Robert D.; Walker, Thad O.; and Turner, S. Richard, 4,540,496, Cl. 252-8.50A.
  - Thaler, Warren A.; Turner, S. Richard; and Lundberg, Robert D., 4,552,939, Cl. 526-287.000.
- Turner, Scot: *See—*
  - Quirk, Jennifer M.; and Turner, Scot, 4,556,722, Cl. 556-413.000.
- Turner, Stephen K.: *See—*
  - Wright, Alan J.; O'Hara, Kevin J.; and Turner, Stephen K., 4,558,076, Cl. 523-442.000.
- Turner, Tyson M.: *See—*
  - Claus, Richard O.; and Turner, Tyson M., 4,512,661, Cl. 356-351.000.
- Turner, Vernon S.; and Melton, Randall, to Melco Industries, Inc. Method and apparatus for improved automatic stitching. 4,557,207, 12-10-85, Cl. 112-266.100.
- Turner, Weems D.: *See—*
  - Albert, James W.; and Turner, Weems D., 4,496,285, Cl. 417-12.000.
  - Le, Tam D.; and Turner, Weems D., 4,519,262, Cl. 74-89.200.
- Turner, William: *See—*
  - Werbel, Leslie M.; Colbry, Norman; Turner, William; and Worth, Donald F., 4,515,793, Cl. 514-252.000.
- Turner, William D.: *See—*
  - Johnson, Richard V.; and Turner, William D., 4,514,739, Cl. 346-108.000.
  - Sprague, Robert A.; and Turner, William D., 4,538,883, Cl. 350-356.000.
- Turney, David L.: *See—*
  - Bishop, Charles D.; Stamps, Kenneth H.; and Turney, David L., 4,539,898, Cl. 99-336.000.
- Turney, Robert A.: *See—*
  - LeBlanc, Aladain J.; and Turney, Robert A., 4,558,219, Cl. 250-260.000.
- Turney, Stephen D., to General Electric Company. Brightness control for a vacuum fluorescent display. 4,495,445, 1-22-85, Cl. 315-169.100.
- Turney, William J., to Motorola, Inc. Fast lock PLL having out of lock detector control of loop filter and divider. 4,516,083, 5-7-85, Cl. 331-1.00A.
- Turnock, Richard C.: *See—*
  - Carr, Edward H.; Knight, Harry W.; and Turnock, Richard C., 4,504,789, Cl. 324-418.000.
- Turnpaugh, George F.: *See—*
  - Anders, James V.; Anderson, Thomas W.; Geiger, Daniel D.; and Turnpaugh, George F., 4,551,670, Cl. 323-281.000.
- Turpin, Robert, Sr.; and Spector, George. Driver alert. 4,499,456, 2-12-85, Cl. 340-576.000.
- Turrill, Frank H.: *See—*
  - Hettinger, William P., Jr.; Turrill, Frank H.; Rozman, George J.; and Beck, H. Wayne, 4,515,680, Cl. 208-87.000.
  - Sawran, William R.; Turrill, Frank H.; Newman, John W.; and Hall, Norman W., 4,497,789, Cl. 423-447.400.
- Turrisi, Lisa, to Lever Brothers Company. Low calorie syrup. 4,528,205, 7-9-85, Cl. 426-613.000.
- Turtle Wax, Inc.: *See—*
  - Varga, Stephen I.; and Mattz, Donald P., 4,497,919, Cl. 524-10.000.
- Turunen, Olli: *See—*
  - Selin, Johan; Huttunen, Jouko; Turunen, Olli; Eklund, Vidar; and Ekman, Kurt, 4,526,620, Cl. 106-203.000.
  - Selin, Johan-Fredrik; Huttunen, Jouko; Turunen, Olli; Fors, Jan; Eklund, Vidar; and Ekman, Kurt, 4,530,999, Cl. 536-30.000.
- Turznik, Gerhard: *See—*
  - Woerner, Frank P.; Reimann, Horst; Mahnke, Harald; Neumann, Peter; Turznik, Gerhard; and Kaeppel, Hanshelmut, 4,530,940, Cl. 521-124.000.
- Tuscher, Otto: *See—*
  - Wolf, Dietmar; and Tuscher, Otto, 4,530,740, Cl. 204-9.000.
- Tusco Manufacturing Co.: *See—*
  - Everett, Lynn E., 4,541,675, Cl. 312-257.00R.
- Tusinski, Joseph, to Coburn Optical Industries, Inc. Polisher-finer apparatus. 4,521,994, 6-11-85, Cl. 51-58.000.
- Tusinski, Joseph; Hill, Phillip D.; and Griffith, John M., to Coburn Optical Industries, Inc. Autoclave for bonding composite lenses. 4,547,242, 10-15-85, Cl. 156-105.000.
- Tusinski, Joseph; Barnes, Brian R.; and Mathews, Herbert H., to Coburn Optical Industries, Inc. Apparatus for polishing the edges of lenses. 4,561,213, 12-31-85, Cl. 51-105.0LG.
- Tuss, John J., to Warner & Swasey Company, The. Coordinate measuring machine having vertical fine feed and lock mechanism. 4,503,614, 3-12-85, Cl. 33-1.00M.
- Tuss, John J., to Warner & Swasey Company, The. Coordinate measuring machine with a self aligning pneumatic counterbalance. 4,507,868, 4-2-85, Cl. 33-1.00M.
- Tussing, Reinhold: *See—*
  - Von Gentzkow, Wolfgang; Schmiedel, Manfred; and Tussing, Reinhold, 4,550,204, Cl. 564-134.000.
- Tusso, Robert J.: *See—*
  - Plasencia, Armand J.; Tusso, Robert J.; and Gilson, Alan P., 4,558,373, Cl. 358-285.000.
- Tustaniwskyj, Jerry I., to Burroughs Corporation. Socket incorporating serially coupled springs. 4,506,941, 3-26-85, Cl. 339-75.00M.

- Tutco, Inc.: *See—*
  - Howard, H. Keith; and Sherrill, Jimmy L., 4,559,412, Cl. 174-138.00J.
  - Sherrill, Jimmy L., 4,531,017, Cl. 174-138.00J.
- Tuten, William J.; and Crosby, Kennith D., to Creative Technology, Inc. Selective scrap metal collection apparatus. 4,499,984, 2-19-85, Cl. 194-4.00C.
- Tuten, William J.; Crosby, Kennith D.; and Bergquist, Bertil R., to Creative Technology, Inc. DC to AC inverter and motor control system. 4,538,100, 8-27-85, Cl. 318-808.000.
- Tuthill Corporation: *See—*
  - Darnell, Raymond E., 4,520,546, Cl. 29-441.00R.
  - Richardson, William D., 4,540,201, Cl. 285-101.000.
- Tuthill, Frederick W. Tool holder. 4,496,088, 1-29-85, Cl. 224-253.000.
- Tuthill, Michael G., to Analog Devices, Incorporated. High resolution digital-to-analog converter. 4,491,825, 1-1-85, Cl. 340-347.0DA.
- Tuthill, Michael G.; and Minogue, Paschal, to Analog Devices, Incorporated. Extended reference range, voltage-mode CMOS D/A converter. 4,558,242, 12-10-85, Cl. 307-577.000.
- Tuti, Peter: *See—*
  - Bencz, Gyozo; Deres, Janos; and Tuti, Peter, 4,557,771, Cl. 149-14.000.
- Tutino, Dominick J. Cleaning pad holder. 4,546,514, 10-15-85, Cl. 15-209.00D.
- Tutle, Edward G., to Martin Marietta Corporation. Robotic fruit harvester. 4,532,757, 8-6-85, Cl. 56-328.00R.
- Tutsky, Ronald J. Skin care and shaving composition. 4,525,344, 6-25-85, Cl. 424-73.000.
- Tuttle, Alan H.; Leonard, James K.; and Dlugosz, Henry J., to McGraw-Edison Company. Turbine shaft seal assembly. 4,500,096, 2-19-85, Cl. 277-53.000.
- Tuttle, Alan H.; Leonard, James K.; Agharkar, Shireesh A.; and Waggott, John, to Dresser Industries, Inc. Control of steam turbine shaft thrust loads. 4,557,664, 12-10-85, Cl. 415-105.000.
- Tuttle, Mark: *See—*
  - Friesen, Dwayne; Babcock, Walter C.; and Tuttle, Mark, 4,515,906, Cl. 521-28.000.
- Tuttle, Ralph C.; and Payne, Richard S., to Analog Devices, Incorporated. Process for forming an IC wafer with buried Zener diodes. 4,511,413, 4-16-85, Cl. 148-187.000.
- Tuttle, Ronald R., to Key Pharmaceuticals, Inc. Senile dementia treatment. 4,511,570, 4-16-85, Cl. 514-282.000.
- Tuttle, Ronald R., to Key Pharmaceuticals, Inc. Orally effective inotropic compounds. 4,562,206, 12-31-85, Cl. 514-548.000.
- Tuurna, Sami A. E. Sled with a board-sailing rig. 4,530,300, 7-23-85, Cl. 114-43.000.
- Tuval, Miron; Azmon, Emanuel; and Melamed, Avraham. Method for subterranean generation of heat as a source of energy. 4,491,367, 1-1-85, Cl. 299-4.000.
- Tuyet-Van, Hoang T. Sock. 4,514,863, 5-7-85, Cl. 2-240.000.
- Tuzzolino, Joseph R.: *See—*
  - Dydyk, Michael; Enlow, Norman K.; and Tuzzolino, Joseph R., 4,494,087, Cl. 331-107.0DP.
- Tvan, Tran A.: *See—*
  - Butz, Peter; Ranke, Gerhard; and Tvan, Tran A., 4,533,373, Cl. 62-17.000.
- Tvedt, Kare E.; Kopstad, Guennar; and Haugen, Olav A., to C. Reichert Optische Werke AG. Device for handling thin sections, in particular cryosections, and process for freeze-drying thin sections. 4,499,670, 2-19-85, Cl. 34-143.000.
- Tverdokhleb, Nikolai F.: *See—*
  - Vasiliev, Leonard L.; Kiselev, Vladimir G.; Morgun, Valery A.; Marchenko, Anatoly M.; Rudnev, Evgeny A.; Nesvit, Vasily A.; Dunaevsky, Leonid M.; Tverdokhleb, Nikolai F.; Bogdanov, Vladimir M.; and Rabetsky, Mikhail I., 4,554,966, Cl. 165-104.210.
- Tveryanovich, Eduard V.: *See—*
  - Baranov, Vladimir K.; Pinov, Akhsarbek B.; Potapov, Valery N.; Rostokinsky, Vladimir V.; Ryabikov, Stanislav V.; Sabelnikov, Viktor A.; Strebkov, Dmitry S.; and Tveryanovich, Eduard V., 4,491,683, Cl. 136-259.000.
- TVI Energy Corporation: *See—*
  - Rosa, Stephen P., 4,546,983, Cl. 273-348.100.
- TVI Systems, Ltd.: *See—*
  - Bedini, John C., 4,555,795, Cl. 381-17.000.
- Twardowski, Joseph W., to Chamberlain Manufacturing Corporation. Transmitter and receiver for controlling remote elements. 4,535,333, 8-13-85, Cl. 340-825.690.
- Twardowski, Joseph W.: *See—*
  - Liotine, Frank J.; and Twardowski, Joseph W., 4,529,980, Cl. 340-825.520.
- Tweco Products, Inc.: *See—*
  - Blanton, John E., 4,529,861, Cl. 219-137.630.
  - Cusick, Joseph B., III. 4,544,827, Cl. 219-137.630.
  - Toothaker, David L., 4,554,433, Cl. 219-137.630.
- Tweed, William J.: *See—*
  - Chappell, William A.; Tweed, William J.; and Higgins, David T., 4,512,246, Cl. 99-312.000.
  - Whittenburg, Stephen L.; McCormick, David D.; Tweed, William J.; Ozgunay, A. Aykut; and Williams, James T., 4,509,412, Cl. 99-331.000.
- Tweedie, Thomas D.: *See—*
  - McGhee, James B.; and Tweedie, Thomas D., 4,549,159, Cl. 337-301.000.
- Tweet, David E.: *See—*
  - Weis, Bruce T.; Helmy, Nash N.; Tweet, David E.; and Moechnig, Bruce W., 4,552,573, Cl. 55-312.000.
- Tweg, Edward. Collapsible paddle boat. 4,496,325, 1-29-85, Cl. 440-26.000.
- Twentse Graveerindustrie B.V.: *See—*
  - van Heuvelen, Jan H., 4,556,610, Cl. 428-666.000.
- Twersky, David Z.: *See—*
  - Eigen, Edward; Twersky, David Z.; and Brachman, Dina I., 4,518,517, Cl. 252-107.000.
- Twichell, David J.: *See—*
  - Real, John D.; Twichell, David J.; and Weed, Lauren R., 4,501,321, Cl. 165-153.000.
- Twiehoff, Karl-Heinz; and Nowag, Reinhard, to Windmoller & Holscher. Valved sack. 4,524,460, 6-18-85, Cl. 383-45.000.
- Twigger, Ernest J.: *See—*
  - Turner, George F. A. M.; Moore, Michael H.; and Twigger, Ernest J., 4,552,452, Cl. 355-27.000.
- Twilley, Ian C.; Turner, Garland L.; Saunders, Peter R.; and Haylock, John C., to Allied Corporation. Low moisture absorption bristle of nylon and polyester. 4,507,361, 3-26-85, Cl. 428-373.000.
- Twilley, Ian C.: *See—*
  - Lofquist, Robert A.; Twilley, Ian C.; and Saunders, Peter R., 4,558,097, Cl. 525-183.000.
- Twin City Monorail: *See—*
  - Clemens, Gerald C., 4,541,769, Cl. 414-633.000.
- Twin City Surgical, Inc.: *See—*
  - Duescher, Wayne O., 4,543,718, Cl. 30-124.000.
- Twin Disc, Incorporated: *See—*
  - White, Basil, 4,549,443, Cl. 74-360.000.
- Twinoak Products, Inc.: *See—*
  - Meloy, Gilbert K., 4,539,179, Cl. 422-28.000.
- Twinpak, Inc.: *See—*
  - Canning, Howard; and Weber, Peter, 4,555,804, Cl. 383-25.000.
- Twisselmann, Lorenz, to VDO Adolf Schindling AG. Device for converting electric signals into pneumatic signals. 4,554,938, 11-26-85, Cl. 137-82.000.
- Twomey, James R.; McCutcheon, Hugh W.; and Harris, Richard K., to Slope Indicator Co. Fluid pressure transducer. 4,517,842, 5-21-85, Cl. 73-701.000.
- Twumasi, Daniel Y.: *See—*
  - Bacquet, Cathy A.; and Twumasi, Daniel Y., 4,550,075, Cl. 435-7.000.
- TX RX Systems, Inc.: *See—*
  - Kaegebein, Daniel P., 4,493,422, Cl. 211-26.000.
- TXP Operating Co.: *See—*
  - Son, Adelina J.; Neal, Vernon S.; and Garvey, Christopher M., 4,526,693, Cl. 252-8.50B.
- Ty, Henry, to Texas Instruments Incorporated. Fluid flow control apparatus. 4,502,627, 3-5-85, Cl. 236-93.00R.
- Ty, Henry; and White, Alfred J., to Texas Instruments Incorporated. Safety seat belt system and latch release mechanism used therein. 4,537,365, 8-27-85, Cl. 242-107.600.
- Tybring, Leif, to Leo Pharmaceutical Products Ltd. A/S (Lovens Kemiske Produktionsaktienselskab). Antibacterial synergistic pharmaceutical compositions. 4,557,932, 12-10-85, Cl. 424-114.000.
- Tydd, Christopher B.: *See—*
  - Couch, Alan T.; Cruickshank, Terence D.; Davey, William L. E.; Marshall, Anthony R.; Tydd, Christopher B.; and Wakeford, David R., 4,556,017, Cl. 122-4.00D.
- Tye, Ronald G., to Minnesota Mining and Manufacturing Company. Electrical switch. 4,554,424, 11-19-85, Cl. 200-86.00R.
- Tye, Ross W. Modified crosslinked stroma-free tetrameric hemoglobin. 4,529,719, 7-16-85, Cl. 514-6.000.
- Tyer, Robert C., to Rockland, Inc. Implement snubbing device. 4,553,778, 11-19-85, Cl. 294-86.400.
- Tyhach, Richard J., to Miles Laboratories, Inc. Test device for lactase activity in a meconium sample. 4,524,133, 6-18-85, Cl. 435-14.000.
- Tyihaki, Erno: *See—*
  - Rusznak, Istvan; Trezl, Lajos; Foldesi, Dezso; Szabo, Bela; Bodi, Imre; Csaszar, Szilveszter; Szopko, Mihaly; Gombar, Mihaly; Kovacs, Gabriella; and Tyihaki, Erno, 4,534,782, Cl. 71-21.000.
- Tylan Corporation: *See—*
  - Drexel, Charles F.; and Blair, Richard F., 4,524,616, Cl. 73-203.000.
- Tyler, Arnold L.: *See—*
  - Borio, Donald C.; Borio, Richard W.; Hale, Gilbert L.; Mehta, Arun K.; and Tyler, Arnold L., 4,552,077, Cl. 110-347.000.
- Tyler, Charles E., Jr. Fire resistant lap protection blanket. 4,514,870, 5-7-85, Cl. 5-485.000.
- Tyler, David O., to General Motors Corporation. Adjustable lamp assembly. 4,554,617, 11-19-85, Cl. 362-61.000.
- Tyler, Derek E.; and Yarwood, John C., to Olin Corporation. Process of continuously treating an alloy melt. 4,515,630, 5-7-85, Cl. 75-53.000.
- Tyler, Derek E.; Cheskis, Harvey P.; and Tungatt, Paul D., to Olin Corporation. Technique for removing iron-rich components from a copper melt. 4,533,388, 8-6-85, Cl. 75-76.000.
- Tyler, Derek E.; Cheskis, Harvey P.; and Tungatt, Paul D., to Olin Corporation. Technique for removing impurities from a copper melt. 4,537,627, 8-27-85, Cl. 75-76.000.
- Tyler, Derek E.: *See—*
  - Gaule, Gerhart K.; Yarwood, John C.; and Tyler, Derek E., 4,516,627, Cl. 164-467.000.
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Kindlmann, Peter J.; Yarwood, John C.; Ungarean, Gary L.; and Tyler, Derek E., 4,495,981, Cl. 164-452.000.

Kindlmann, Peter J.; Ungarean, Gary L.; Yarwood, John C.; and Tyler, Derek E., 4,495,983, Cl. 164-452.000.

Yarwood, John C.; and Tyler, Derek E., 4,516,625, Cl. 164-454.000.

Yarwood, John C.; and Tyler, Derek E., 4,530,394, Cl. 164-467.000.

Tyler, George: *See—*

Woodward, Antony I.; Tyler, George; and Lovick, John, 4,562,145, Cl. 430-538.000.

Tyler, Glenn A., to Rockwell International Corporation. Azimuthally polarized beam quality improvement system. 4,531,216, 7-23-85, Cl. 372-9.000.

Tyler Griffin Company: *See—*

Cuff, Richard A.; and Hoffman, Paul R., 4,534,562, Cl. 273-149.00P.

Tyler, Henry P.: *See—*

Colan, Peter V.; Miller, Kenneth L.; and Tyler, Henry P., 4,539,891, Cl. 91-49.000.

Tyler, Loren E., to Lor-Al Corporation. Apparatus and method for heating and using air in pneumatic conveyor implement. 4,529,104, 7-16-85, Cl. 222-146.200.

Tyler, Michael D. Transmitter and receiver locating device. 4,528,566, 7-9-85, Cl. 343-419.000.

Tyler Pipe: *See—*

Marshall, Marshall W., 4,505,814, Cl. 210-166.000.

Tyler Refrigeration Corporation: *See—*

Ibrahim, Fayez F., 4,514,988, Cl. 62-82.000.

Ibrahim, Fayez F., 4,537,040, Cl. 62-186.000.

Ibrahim, Fayez F., 4,554,795, Cl. 62-175.000.

Tyler, Verl A.: *See—*

Avedian, Aaron M.; and Tyler, Verl A., 4,532,030, Cl. 209-45.000.

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Janson, Mats O., 4,546,236, Cl. 219-365.000.

Tymkewicz, John; Phillips, Robert L.; and Park, Richard M., to Marlin Manufacturing Corporation. Printing machine with programmed control of print cylinder motor and web tractor feed motor. 4,538,515, 9-3-85, Cl. 101-216.000.

Tynan, Daniel G., to Du Pont de Nemours, E. I., and Company. Apparatus for forming films of constant thickness. 4,556,324, 12-3-85, Cl. 366-85.000.

Tynan, Richard F.: *See—*

Acitelli, Mario A.; Tynan, Richard F.; and Wayson, Alan R., 4,540,595, Cl. 427-7.000.

Tyndale Plains-Hunter, Ltd.: *See—*

Gould, Francis E.; and Johnston, Christian W., 4,496,535, Cl. 424-19.000.

Tyndall, Jack L.: *See—*

Viglione, Vincent; and Tyndall, Jack L., 4,520,996, Cl. 254-9.00C.

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Bart, Gordon B.; Hiemstra, Carol L.; and Tyo, James H., 4,534,341, Cl. 128-75.000.

Tyree, Christopher W.; and Poland, John M. Edge connector. 4,530,561, 7-23-85, Cl. 339-134.000.

Tyree, Lewis, Jr. Refrigerated transport. 4,498,306, 2-12-85, Cl. 62-119.000.

Tyrell, John A., to General Electric Company. Stabilized (poly)ester/-(poly)carbonate blend. 4,560,722, 12-24-85, Cl. 524-405.000.

Tyrell, John A.: *See—*

Jaquiss, Donald B. G.; McCready, Russell J.; and Tyrell, John A., 4,532,290, Cl. 524-417.000.

McCready, Russell J.; and Tyrell, John A., 4,556,688, Cl. 525-33.000.

Rosenquist, Niles R.; and Tyrell, John A., 4,496,693, Cl. 525-146.000.

Rosenquist, Niles R.; and Tyrell, John A., 4,535,108, Cl. 524-162.000.

Rosenquist, Niles R.; and Tyrell, John A., 4,552,924, Cl. 525-146.000.

Tyrolit Schleifmittelworke Swarovski K.G.: *See—*

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Tysoe, Nicholas W., to Britax Vega Limited. Vehicle lamp assembly. 4,556,928, 12-3-85, Cl. 362-268.000.

Tysoe, Nicholas W., to Britax Vega Limited. Vehicle lamp assembly. 4,558,401, 12-10-85, Cl. 362-290.000.

Tysoe, Nicholas W., to Britax Vega Limited. Vehicle lamp assembly. 4,558,402, 12-10-85, Cl. 362-293.000.

Tyson, Neil W.: *See—*

Riley, James E.; and Tyson, Neil W., 4,556,082, Cl. 137-375.000.

Tyson, Robert G.: *See—*

Albert, Alban I.; Ballenegger, Marc E.; Overeem, Jan C.; and Tyson, Robert G., 4,510,159, Cl. 514-456.000.

Booker, David F.; Grove, David E.; Cotterill, Phillip J.; and Tyson, Robert G., 4,503,255, Cl. 568-17.000.

Tyson, Sammie J. Ladder support. 4,533,018, 8-6-85, Cl. 182-121.000.

Tyson, William H.; and Stuart, Frank A. Recovery of oil and sulfonate from filter cake. 4,501,670, 2-26-85, Cl. 210-770.000.

Tyson, William H.; and Stuart, Frank A., to Claypro Associates. Recovery of hydrocarbon oil from filter cakes. 4,544,491, 10-1-85, Cl. 210-772.000.

Tyssen, Egon: *See—*

Scholz, Stefan; and Tyssen, Egon, 4,542,299, Cl. 250-504.00R.

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Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,500,448, Cl. 252-522.00R.

Boden, Richard M.; Tyszkiewicz, Theodore J.; Licciardello, Michael; Vock, Manfred H.; Vinals, Joaquin F.; Whalen, Patrick; and Hanna, Marie R., 4,515,987, Cl. 568-433.000.

Boden, Richard M.; Hanna, Marie R.; and Tyszkiewicz, Theodore J., 4,528,142, Cl. 260-463.000.

Boden, Richard M.; Temes, Steven D.; Tyszkiewicz, Theodore J.; and Hanna, Marie R., 4,534,891, Cl. 252-522.00R.

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Tyynela, Esko; and Pitkanen, Tuomo, to Oy Wartsila Ab. Clutch and transmission mechanism. 4,544,310, 10-1-85, Cl. 409-82.000.

Tzabanakis, George, to Les Ateliers Mecaniques Alexandre, Inc. Tent bracket. 4,524,792, 6-25-85, Cl. 135-90.000.

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Reneau, Daniel L.; Tzakis, George J.; and Engel, Christopher M., 4,513,320, Cl. 358-166.000.

Tzeng, Kuo-Nan. Racquet having strings of equal length. 4,512,575, 4-23-85, Cl. 273-73.00D.

Tzeng, Shing-Wu P.: *See—*

Shu, Si-Yan; and Tzeng, Shing-Wu P., 4,520,344, Cl. 340-58.000.

Tzikas, Athanassios, to Ciba-Geigy Corporation. Vat dyes obtainable by bromination of dibenzanthrone and reaction with 1-aminoanthraquinone. 4,547,575, 10-15-85, Cl. 546-30.000.

Tzincoca, Alexandre, to Entreprise Generale Industrielle. Self elevating formwork installation with variable geometry for making concrete surfaces, particularly very high concrete surfaces. 4,540,150, 9-10-85, Cl. 249-20.000.

Tzinis, Costas H.; and Vadimsky, Richard G., to AT&T Bell Laboratories. Sensitizing bath for chalcogenide resists. 4,550,074, 10-29-85, Cl. 430-322.000.

Tzvetanov, Plamen V.; Chankov, Dyanko V.; Nikolov, Orlin A.; and Ivanov, Alexander L., to N P K "Zavarachna Technika". Apparatus for the automatic welding of complex shapes. 4,513,902, 4-30-85, Cl. 228-25.000.

Tzvetkov, Krum K., to Centralen Savet na Nauchnotechnicheski Sayusi. Program automaton for weaving machines. 4,525,787, 6-25-85, Cl. 364-470.000.

U C B Societe Anonyme: *See—*

Degelaen, Jacques; Loffet, Albert; and Durieux, Jean-Pierre, 4,546,076, Cl. 435-24.000.

U-Lite, Inc.: *See—*

Fuller, Robert P.; and Nordstrom, Larry A., 4,559,478, Cl. 315-224.000.

U.M.E., Incorporated: *See—*

Chiarito, Richard J., 4,533,475, Cl. 210-788.000.

U.S.D. Corp.: *See—*

Faulconer, Mark; and Langton, Allan R., 4,523,914, Cl. 441-108.000.

Faulconer, Mark; and Langton, Allan R., 4,561,853, Cl. 441-106.000.

Kranz, Max L.; and Gadberry, Donald L., 4,498,471, Cl. 128-204.260.

U-S Safety Trolley Corp.: *See—*

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Uarco Incorporated: *See—*

Gore, Thomas C., 4,497,509, Cl. 282-11.50A.

Uatar DTD.: *See—*

Rogers, Phillip P., 4,551,146, Cl. 604-403.000.

Uba, Toshio, to Gates Rubber Company, The. Vibration resistant battery. 4,495,259, 1-22-85, Cl. 429-161.000.

Ubakata, Tadayoshi: *See—*

Sakano, Riichi; and Ubakata, Tadayoshi, 4,498,311, Cl. 62-227.000.

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Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.

Fukui, Osamu; Inuizawa, Yoshihiro; Hinenoya, Saburo; and Takasaki, Yasufumi, 4,562,230, Cl. 525-74.000

Hayashi, Junnosuke; Tanibuchi, Teruo; and Yamamoto, Shinji, 4,532,291, Cl. 524-496.000.

Hayashi, Osamu; Kurihara, Hideo; and Matsumoto, Yukio, 4,528,340, Cl. 525-379.000.

Inaba, Yukio; Igarashi, Taisei; Tahara, Susumu; and Miyatake, Takashi, 4,540,800, Cl. 549-462.000.

Inaike, Toshihiro; Ushimi, Katsuhiko; Yamamoto, Shuji; and Inoue, Toshihiro, 4,508,766, Cl. 427-388.200.

Inaike, Toshihiro; Ushimi, Katsuhiko; and Inoue, Toshihiro, 4,528,833, Cl. 72-166.000.

Inaike, Toshihiro; Yamamoto, Shuji; Ohe, Shunji; and Otsuka, Kazunori, 4,535,105, Cl. 524-104.000.

Itatani, Hiroshi; Kashima, Mikito; and Suehiro, Tsutomu, 4,539,423, Cl. 560-204.000.

Kawahito, Takashi; Himukashi, Yoshinori; and Yamada, Tetsuo, 4,517,168, Cl. 423-344.000.

Kobayashi, Waichi; Yoshida, Kozaburo; and Igarashi, Hideaki, 4,545,975, Cl. 423-636.000.

Kobayashi, Waichi; and Takahata, Satoru, 4,551,211, Cl. 204-37.600.

Kondoh, Takehiko; and Kitajima, Masahiko, 4,527,973, Cl. 432-58.000.

  - Kunii, Hiroyuki; Sente, Hirohisa; and Hironaka, Kouji, 4,553,016, Cl. 219-121.0LG.
  - Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,512,893, Cl. 210-500.200.
  - Makino, Hiroshi; Kusuki, Yoshihiro; Harada, Takashi; Shimazaki, Hiroshi; and Isida, Tosio, 4,528,004, Cl. 55-158.000.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,501,705, Cl. 260-465.600.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,421, Cl. 260-465.600.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,422, Cl. 260-465.600.
  - Miyazaki, Haruhiko; Shiomi, Yasushi; Fujitus, Satoru; Masunaga, Katsuro; and Yanagisawa, Hiroshi, 4,507,494, Cl. 560-193.000.
  - Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,511,744, Cl. 568-864.000.
  - Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,551,565, Cl. 568-864.000.
  - Nakai, Mamoru; Ohshima, Tokio; Kimura, Tomio; Omata, Tetsuo; and Iwamoto, Noritada, 4,497,957, Cl. 548-496.000.
  - Nakai, Mamoru; Iwata, Fumio; and Inoue, Teruhiko, 4,514,571, Cl. 546-306.000.
  - Nakamura, Yoichi; Watarai, Shumei; and Matsuo, Shohta, 4,533,602, Cl. 428-447.000.
  - Nakamura, Yukio; and Tanaka, Tsuneo, 4,499,136, Cl. 428-206.000.
  - Nakano, Tsunetomo; Yasuno, Hiroshi; and Nishio, Kazuaki, 4,558,117, Cl. 528-184.000.
  - Nishiyama, Masao; Katada, Keiichiro; and Akimoto, Yoshiteru, 4,524,044, Cl. 264-328.600.
  - Suhara, Akito; Takasugi, Kazuhiko; Sato, Toshihide; Ono, Masashi; Higuchi, Kazuo; and Chiba, Tatsuya, 4,543,378, Cl. 524-100.000.
  - Takayama, Seizo, 4,511,319, Cl. 425-145.000.
  - Takeshima, Takahiko; Akemoto, Haruo; and Iwai, Hideki, 4,538,666, Cl. 164-305.000.
  - Tanibuchi, Teruo; Ishiguchi, Koji; and Yamamoto, Shinji, 4,535,119, Cl. 524-496.000.
  - Tsunemi, Kazumasa; Suzuki, Taro; and Yamamoto, Yoshiichi, 4,504,636, Cl. 526-67.000.
  - Uchida, Masashi, 4,505,307, Cl. 141-1.000.
  - Uchiumi, Shinichiro; and Ataka, Kikuo, 4,518,793, Cl. 560-175.000.
  - Ueno, Haruo; Ashitaka, Hidetomo; and Nakajima, Koichi, 4,501,867, Cl. 526-136.000.
  - Ueno, Haruo; Ashitaka, Hidetomo; and Nakajima, Koichi, 4,503,202, Cl. 526-140.000.
  - Ueno, Haruo; Ashitaka, Hidetomo; Jinda, Kazuya; and Nakajima, Kouichi, 4,504,639, Cl. 526-146.000.
  - Yajima, Seishi; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamamura, Takemi, 4,556,526, Cl. 264-60.000.
  - Yajima, Seishi, deceased; Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, 4,515,742, Cl. 264-63.000.
  - Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, 4,562,193, Cl. 514-358.000.
  - Yoshida, Hiroshi; and Niida, Sadao, 4,536,577, Cl. 544-326.000.
- Uberbacher, Edward C.: *See—*
  - Bahl, Andrew L.; Stilwell, George R., Jr.; Uberbacher, Edward C.; and Williamson, Charles A., 4,553,814, Cl. 350-96.210.
- Ubert, Hans-Jurgen, to Claudius Peters AG. Device for removing grate screenings. 4,509,917, 4-9-85, Cl. 432-75.000.
- Ubukata, Susumu; and Mizutani, Yasukazu, to Ubukata, Susumu. Seismosensitive device. 4,493,066, 1-8-85, Cl. 367-178.000.
- Ubukata, Susumu; Mizutani, Yasukazu; and Iyoda, Syozo, to Ubukata, Susumu. Snap action type thermally responsive switching structure. 4,510,481, 4-9-85, Cl. 337-368.000.
- Ubukata, Susumu; Mizutani, Yasukazu; and Iyoda, Shozo, to Ubukata, Susumu. Snap type thermally responsive switch device. 4,517,541, 5-14-85, Cl. 337-89.000.
- Ubukata, Susumu; and Mizutani, Yasukazu, to Ubukata, Susumu. Thermally actuated switching device. 4,551,701, 11-5-85, Cl. 337-97.000.
- UCB Pharmaceuticals, Inc.: *See—*
  - Baltes, Eugene ; de Lannoy, Jean; and Rodriguez, Ludovic, 4,525,358, Cl. 514-255.000.
- Ucci, Pompelio A.; and Blyth, Randolph C., to Monsanto Company. Process for conveniently providing stain-resistant polyamide carpets. 4,501,591, 2-26-85, Cl. 8-495.000.
- Uchibaba, Kouichi; Hayashi, Tsutomu; Ishikawa, Haruo; and Ohzono, Kouhei, to Honda Giken Kogyo Kabushiki Kaisha. Torque damper. 4,559,023, 12-17-85, Cl. 464-30.000.
- Uchibaba, Kouichi; Takahashi, Hirotake; and Uchiyama, Chiyomitsu, to Honda Giken Kogyo Kabushiki Kaisha. Operation device for clutch master cylinder with means to adjust the play stroke of the clutch lever. 4,560,049, 12-24-85, Cl. 192-85.00R.
- Uchibori, Kiyofumi: *See—*
  - Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu, 4,507,759, Cl. 365-189.000.
- Uchida, Goro : *See—*
  - Ido, Akinori; and Uchida, Goro , 4,545,526, Cl. 237-12.30A.
- Uchida, Hideo: *See—*
  - Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.
  - Otsuka, Hirotaka; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; Tsuchiya, Hiroyoshi; and Uchida, Hideo, 4,538,184, Cl. 358-283.000.
- Uchida, Hiroshi; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimano, Akira. Transporting system for various kinds of cops. 4,545,551, 10-8-85, Cl. 242-35.50A.
- Uchida, Hiroyasu, to Fuji Xerox Co., Ltd. Apparatus for remotely operating output terminals of a copying machine or the like during self-diagnosis. 4,498,130, 2-5-85, Cl. 364-188.000.
- Uchida, Hiroyasu, to Fuji Xerox Co., Ltd. Protecting device in self-diagnosis. 4,538,267, 8-27-85, Cl. 371-20.000.
- Uchida, Hiroyuki; Nagaki, Takehiro; Imakoshi, Shigeyoshi; Soda, Yutaka; Sugita, Junkichi; and Sekiya, Tetsuo, to Sony Corporation. Magnetic transducer head utilizing magneto resistance effect with a bias field and partial saturation. 4,524,401, 6-18-85, Cl. 360-113.000.
- Uchida, Hiroyuki: *See—*
  - Imakoshi, Shigeyoshi; Soda, Yutaka; Uchida, Hiroyuki; Sugita, Junkichi; Takino, Hiroshi; Sekiya, Tetsuo; and Suyama, Hideo, 4,516,179, Cl. 360-113.000.
- Uchida, Isamu, deceased (by Uchida, Kazuko, heiress); by Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, to Laurel Bank Machine Co., Ltd. Automatic money receiving and disbursing machine. 4,510,380, 4-9-85, Cl. 235-379.000.
- Uchida, Isamu, deceased (by Fujii, Kazuko Uchida and Chigusa, heiresses); Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, to Laurel Bank Machine Co., Ltd. Automatic money receiving and disbursing machine. 4,516,015, 5-7-85, Cl. 235-379.000.
- Uchida, Katsutoshi; Izumida, Hisashi; Kawana, Kofu; and Suda, Masaru, to Alps Electric Co., Ltd. Chip resistor. 4,529,960, 7-16-85, Cl. 338-309.000.
- Uchida, Kazu: *See—*
  - Katano, Hiroki; Nishida, Hisato; Semba, Katsumi; Enomoto, Kouji; and Uchida, Kazu, 4,560,198, Cl. 296-185.000.
- Uchida, Kazuko, heiress: *See—*
  - Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
- Uchida, Kazuo, to Diesel Kiki Co., Ltd. Adjusting device for adjusting initial injection lift of a double injection type fuel injection valve. 4,524,613, 6-25-85, Cl. 73-119.00A.
- Uchida, Kenji; Sakamoto, Masakatsu; Saito, Makoto; Kamino, Yukishige; and Miyadera, Hiroshi, to Hitachi, Ltd. Apparatus for continuously transferring a slurry by liquid pressure. 4,547,132, 10-15-85, Cl. 417-63.000.
- Uchida, Kenji: *See—*
  - Saito, Makoto; Sakamoto, Masakatsu; Uchida, Kenji; and Kamino, Yukishige, 4,536,131, Cl. 417-102.000.
- Uchida, Kohachi, to Tokyo Shibaura Denki Kabushiki Kaisha. Cleaning device for use in an image forming apparatus. 4,533,235, 8-6-85, Cl. 355-15.000.
- Uchida, Kohachi: *See—*
  - Murakami, Reiji; Uchida, Kohachi; Nakatomi, Yoshitsugu; and Takahashi, Tomohiko, 4,506,972, Cl. 355-3.0DD.
  - Nakatomi, Yoshisugu; Uchida, Kohachi; and Hashimoto, Shinichi, 4,551,014, Cl. 355-75.000.
- Uchida, Kozo; and Matsuno, Keishi, to Iwatsu Electric Co., Ltd. Wideband amplifier system. 4,491,802, 1-1-85, Cl. 330-260.000.
- Uchida, Kuniharu; Nagai, Satoshi; Komura, Ichiroh; and Hirasawa, Taiji, to Tokyo Shibaura Denki Kabushiki Kaisha. Phased array ultrasonic testing apparatus and testing method therefor. 4,497,210, 2-5-85, Cl. 73-602.000.
- Uchida, Kuniharu; Nagai, Satoshi; and Komura, Ichiroh, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic scanning type ultrasonic non-destructive testing apparatus. 4,545,251, 10-8-85, Cl. 73-631.000.
- Uchida Manufacturing Co., Ltd.: *See—*
  - Uchida, Tetsue; and Adachi, Takao, 4,492,218, Cl. 126-96.000.
- Uchida, Masaaki. System for collecting and conveying undersea mineral resources. 4,503,629, 3-12-85, Cl. 37-57.000.
- Uchida, Masaaki: *See—*
  - Kitahara, Tsuyoshi; Sone, Kohki; and Uchida, Masaaki, 4,494,374, Cl. 60-276.000.
- Uchida, Masahiro: *See—*
  - Suzuki, Takeshi; Murao, Mikio; Uchida, Masahiro; Kumagai, Chikanori; and Yotsui, Yasuhiko, 4,492,570, Cl. 432-106.000.
- Uchida, Masami: *See—*
  - Inoue, Takao; Maeda, Yukio; and Uchida, Masami, 4,546,464, Cl. 369-280.000.
- Uchida, Masao: *See—*
  - Moriga, Hiroyuki; Uchida, Masao; Iwashita, Koichi; and Tanaka, Shuji, 4,497,720, Cl. 252-52.00A.
- Uchida, Masashi, to UBE Industries, Ltd. Method of pouring molten metal into injection sleeves of die cast machines. 4,505,307, 3-19-85, Cl. 141-1.000.
- Uchida, Masayoni: *See—*
  - Ishihara, Tuneo; and Uchida, Masayoni, 4,519,762, Cl. 425-183.000.
- Uchida, Minoru; Nishi, Takao; and Nakagawa, Kazuyuki, to Otsuka Pharmaceutical Company, Limited. Tetrazole derivatives, anti-ulcer composition containing the same and method for treating ulcers. 4,540,703, 9-10-85, Cl. 514-381.000.

Uchida, Mitsuru: *See—*

Inoue, Satoru; Uchida, Mitsuru; Yamaguchi, Kimitoshi; Aoki, Mitsuo; Tomita, Masami; and Uematsu, Chiaki, 4,562,136, Cl. 430-107.000.

Uchida, Naomi: *See—*

Nishimura, Toyohiko; Uchida, Naomi; and Hiratani, Hajime, 4,528,186, Cl. 424-99.000.

Uchida, Ryohei; and Fujii, Toshifumi, to Mitsubishi Denki Kabushiki Kaisha. Magnetic video reproducing apparatus having still picture reproducing function. 4,495,525, 1-22-85, Cl. 360-10.300.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, to Toyota Jidosha Kogyo Kabushiki Kaisha. Automatic engine stop-restart system. 4,494,497, 1-22-85, Cl. 123-179.00B.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, to Toyota Jidosha Kabushiki Kaisha. Method of controlling automatic stop and restart of an engine. 4,510,396, 4-9-85, Cl. 290-30.00R.

Uchida, Shigekatsu; Akatsuka, Takao; and Kawamura, Takahide, to Toyota Jidosha Kogyo Kabushiki Kaisha. Automatic engine stop and start system. 4,555,006, 11-26-85, Cl. 192-0.084.

Uchida, Shigeru: *See—*

Nakayama, Takeshi; Kurosu, Masaaki; Ohshima, Yoshimitsu; Fujikata, Kenji; Uchida, Shigeru; and Nakajima, Akira, 4,531,119, Cl. 340-712.000.

Uchida, Shiichiro, to Shonetsugaku Kenkyusho Co., Ltd. Drying process and its apparatus utilizing a refrigeration cycle. 4,532,720, 8-6-85, Cl. 34-27.000.

Uchida, Susumu; and Tadokoro, Kazushige, to Kabushiki Kaisha Sankosha. Arrester holder apparatus for distributor of communication apparatus. 4,504,883, 3-12-85, Cl. 361-119.000.

Uchida, Takeshi: *See—*

Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi; and Imoto, Masaya, 4,550,159, Cl. 536-6.400.

Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased (by Wada, Eiko, heiress); Wada, Masami, heir; and Makuta, Yuri, heiress, to Stanley Electric Co., Ltd. Multilayer guest host liquid crystal display without polarizers. 4,556,286, 12-3-85, Cl. 350-335.000.

Uchida, Tetsue; and Adachi, Takao, to Uchida Manufacturing Co., Ltd. Oil stove. 4,492,218, 1-8-85, Cl. 126-96.000.

Uchida, Toshio: *See—*

Ohba, Hisao; Uchida, Toshio; Ohashi, Azusa; and Kita, Nobuyuki, 4,537,496, Cl. 355-10.000.

Uchida, Toshiro: *See—*

Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.

Uchida, Yasumi: *See—*

Nagano, Hiroyuki; Takagi, Mitiro; Kubodera, Noboru; Matsunaga, Isao; Nabata, Hiroyuki; Ohba, Yasuhiro; Sakai, Kazushige; Hata, Shun-ichi; and Uchida, Yasumi, 4,560,686, Cl. 514-255.000.

Uchida, Yoko: *See—*

Suzuki, Atsushi; Yamada, Hiromichi; Uchida, Yoko; Kohno, Hideki; and Yoshida, Minoru, 4,492,869, Cl. 250-367.000.

Uchida, Yoshihiro: *See—*

Arichi, Shigeru; and Uchida, Yoshihiro, 4,524,067, Cl. 514-33.000.

Uchida, Yoshihisa; and Yamashita, Kazuichi, to Matsushita Electric Industrial Co., Ltd. Toroidal core winding method and apparatus. 4,553,705, 11-19-85, Cl. 242-4.00R.

Uchida, Yoshiyuki: *See—*

Fujisawa, Hakubun; Nishiura, Masaharu; Haruki, Hiromu; and Uchida, Yoshiyuki, 4,555,636, Cl. 250-578.000.

Maruyama, Kazumi; and Uchida, Yoshiyuki, 4,507,519, Cl. 136-258.000.

Uchida, Yukimasa, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor integrated circuit including a fuse element. 4,517,583, 5-14-85, Cl. 357-41.000.

Uchida, Yukimasa, to Tokyo Shibaura Denki Kabushiki Kaisha. Programmable circuit including a latch to store a fuse's state. 4,532,607, 7-30-85, Cl. 365-96.000.

Uchida, Yukio; Takagi, Kazuhiro; Katayama, Kiichiro; and Kawase, Hisao, to Nisshin Steel Co., Ltd. Aluminum coated steel sheet and process for producing the same. 4,546,051, 10-8-85, Cl. 428-653.000.

Uchide, Hitoshi: *See—*

Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.

Uchidoi, Masanori: *See—*

Shimizu, Masami; Omi, Junji; Watanabe, Kunio; Uchidoi, Masanori; and Aizawa, Hiroshi, 4,520,340, Cl. 338-195.000.

Uchigaki, Takatoshi; Saito, Akio; and Yamada, Naoki, to Kabushiki Kaisha Kyoto Daiichi Kagaku. Device for automatically and continuously measuring the constituent parts of blood. 4,512,348, 4-23-85, Cl. 128-632.000.

Uchigasaki, Isao: *See—*

Sato, Hidetaka; Uchimura, Shunichiro; Uchigasaki, Isao; and Makino, Daisuke, 4,497,922, Cl. 524-104.000.

Uchikawa, Fusaoki: *See—*

Tanaka, Hideharu; Sekiya, Mutsuo; and Uchikawa, Fusaoki, 4,523,662, Cl. 181-249.000.

Uchikawa, Naoshi: *See—*

Arai, Nobukatsu; Machida, Shigeru; Sato, Eiji; Tojo, Kenji; and Uchikawa, Naoshi, 4,496,296, Cl. 418-55.000.

Hazaki, Eiichi; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Murayama, Akira; and Mizuno, Takao, 4,551,082, Cl. 418-55.000.

Mizuno, Takao; Uchikawa, Naoshi; Murayama, Akira; and Tamura, Takahiro, 4,518,324, Cl. 417-366.000.

Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; Kotani, Sumihisa; Tomita, Yoshikatsu; Arata, Tetsuya; Shiibayashi, Masao; and Suefuji, Kazutaka, 4,557,675, Cl. 418-55.000.

Murayama, Akira; Kuno, Hiroaki; Uchikawa, Naoshi; Tamura, Takahiro; Mizuno, Takao; and Kotani, Sumihisa, 4,560,330, Cl. 418-55.000.

Tamura, Takahiro; Kuno, Hiroaki; Uchikawa, Naoshi; Murayama, Akira; and Mizuno, Takao, 4,545,747, Cl. 418-55.000.

Uchiki, Hideo: *See—*

Yoshida, Kasumi; Uchiki, Hideo; and Kuroishi, Tadafumi, 4,520,108, Cl. 436-52.000.

Uchikoshi, Gohji, to Nakamichi Corporation. Method of converting a digital signal into an analog signal and a digital-to-analog converter therefor. 4,536,743, 8-20-85, Cl. 340-347.0DA.

Uchikoshi, Gohji, to Nakamichi Corporation. Method of converting a digital signal into an analog signal and a converter therefor. 4,542,371, 9-17-85, Cl. 340-347.0DA.

Uchimura, Shun-ichiro: *See—*

Makino, Daisuke; Sato, Hidetaka; Suzuki, Hiroshi; Uchimura, Shun-ichiro; and Suzuki, Hiroshi, 4,511,705, Cl. 528-26.000.

Uchimura, Shunichiro: *See—*

Sato, Hidetaka; Uchimura, Shunichiro; Uchigasaki, Isao; and Makino, Daisuke, 4,497,922, Cl. 524-104.000.

Uchimura, Toshio, to Kabushiki Kaisha Komatsu Seisakusho. Hydraulic winch control system. 4,516,755, 5-14-85, Cl. 254-344.000.

Uchino, Hiroshi; Nakajima, Kihei; and Kurosawa, Ryoichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Inverter apparatus. 4,517,636, 5-14-85, Cl. 363-138.000.

Uchino, Kenju, to Mitutoyo Mfg. Co., Ltd. Height gauge. 4,521,967, 6-11-85, Cl. 33-169.00R.

Uchino, Kenju; and Sakai, Tomoo, to Mitutoyo Mfg. Co., Ltd. Dial indication type measuring instrument. 4,553,329, 11-19-85, Cl. 33-147.00T.

Uchino, Minoru: *See—*

Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, 4,528,045, Cl. 148-35.000.

Uchino, Shoichi: *See—*

Morishita, Hajime; Akagi, Motoo; Nonogaki, Saburo; Hayashi, Nobuaki; and Uchino, Shoichi, 4,510,226, Cl. 430-144.000.

Morishita, Hajime; Akagi, Motoo; Hayashi, Nobuaki; Nonogaki, Saburo; Uchino, Shoichi; and Kohashi, Takahiro, 4,520,094, Cl. 430-144.000.

Uchita, Takeshi: *See—*

Tomozaki, Ryozo; Uchita, Takeshi; Ide, Hideo; and Suzuki, Misao, 4,502,532, Cl. 165-79.000.

Uchitani, Nobuki: *See—*

Oonaka, Hidemi; and Uchitani, Nobuki, 4,527,519, Cl. 123-188.00M.

Uchitelle, Benjamin. Self-opening portable swimming enclosure and method of using same. 4,559,652, 12-24-85, Cl. 4-487.000.

Uchiumi, Shinichiro; and Ataka, Kikuo, to UBE Industries, Ltd. Preparation of acetone dicarboxylic acid diesters. 4,518,793, 5-21-85, Cl. 560-175.000.

Uchiumi, Shinichiro: *See—*

Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,501,705, Cl. 260-465.600.

Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,421, Cl. 260-465.600.

Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,422, Cl. 260-465.600.

Uchiyama, Chiyomitsu: *See—*

Uchibaba, Kouichi; Takahashi, Hirotake; and Uchiyama, Chiyomitsu, 4,560,049, Cl. 192-85.00R.

Uchiyama, Hiroaki: *See—*

Iwamoto, Ken-ichi; Kawano, Tadaaki; Uchiyama, Hiroaki; Fukunaga, Takahiro; Fujiwara, Katsuyoshi; and Yamada, Yoshikado, 4,552,453, Cl. 355-57.000.

Uchiyama, Kaoru, to Fuji Photo Film Co., Ltd. Film handling device. 4,555,076, 11-26-85, Cl. 242-195.000.

Uchiyama, Kaoru: *See—*

Kaida, Shinichi; and Uchiyama, Kaoru, 4,540,456, Cl. 156-159.000.

Uchiyama, Katsuji: *See—*

Karasawa, Tadayoshi; Kawano, Katsumi; Uchiyama, Katsuji; and Yamazaki, Michio, 4,543,197, Cl. 252-62.560.

Uchiyama, Masaki: *See—*

Imai, Eiichi; Takenouchi, Masanori; Uchiyama, Masaki; and Suematsu, Koshi, 4,554,234, Cl. 430-122.000.

Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.

Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, to Eisai Co., Ltd. Process for purifying secretin. 4,533,494, 8-6-85, Cl. 260-112.50R.

Uchiyama, Naoki: *See—*

Hosoda, Naoyuki; Uchiyama, Naoki; and Kawanaka, Ryusuke, 4,512,950, Cl. 420-563.000.

Uchiyama, Seiji: *See—*

Yoshinaka, Shigeo; Toki, Tsukasa; Tsuji, Tomoji; and Uchiyama, Seiji, 4,507,510, Cl. 568-811.000.

Uchiyama, Shigeru: *See—*

Nishiguchi, Yuzuru; Uchiyama, Shigeru; and Kobayashi, Masaaki, 4,544,858, Cl. 310-321.000.

Uchiyama, Shintaro, to Fuji Jukogyo Kabushiki Kaisha. Shift device for operating a transmission for a four-wheel drive vehicle. 4,508,190, 4-2-85, Cl. 180-247.000.

Uchiyama, Tadamitsu, to Minolta Camera Kabushiki Kaisha. Ink jet recording apparatus. 4,538,160, 8-27-85, Cl. 346-140.00R.

Uchiyama, Takako: *See—*
Kida, Koichi; Aoyama, Tetsuo; and Uchiyama, Takako, 4,521,638, Cl. 585-640.000.

Uchiyama, Takashi: *See—*
Momiyama, Kikuo; Uchiyama, Takashi; Suzuki, Ryoichi; Murakami, Hiroyasu; Kawamura, Masaharu; and Sakai, Shinji, 4,519,685, Cl. 354-154.000.
Suzuki, Ryoichi; Matsumoto, Seiichi; Amikura, Takashi; Tsunekawa, Tokuichi; and Uchiyama, Takashi, 4,516,835, Cl. 350-336.000.
Suzuki, Ryoichi; and Uchiyama, Takashi, 4,526,454, Cl. 354-227.100.

Uchiyama, Tsugio: *See—*
Kaneko, Kimiyoshi; Ishikawa, Hiromichi; Moriyama, Satoru; and Uchiyama, Tsugio, 4,547,524, Cl. 514-594.000.

Uchiyama, Yasuji: *See—*
Tomisawa, Norio; Uchiyama, Yasuji; and Suzuki, Hideo, 4,524,668, Cl. 84-1.240.

Uchizaki, Iwao: *See—*
Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.

Uclaf, Roussel: *See—*
Nedelec, Lucien; Pierdet, Andre; and Fauveau, Patrick, 4,493,836, Cl. 424-248.400.

Uda, Junji; Yamamoto, Tsuneo; and Kosugi, Takumi, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Polyamide acid composition for preparing polyimide. 4,515,915, 5-7-85, Cl. 524-87.000.

Uda, Kiyoko: *See—*
Kumokawa, Takashi; Tamada, Minoru; Shimamoto, Ichiji; and Uda, Kiyoko, 4,498,067, Cl. 336-65.000.

Uda, Taizo: *See—*
Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,511,744, Cl. 568-864.000.
Miyazaki, Haruhiko; Hirai, Koichi; Uda, Taizo; Nakamura, Yasuo; Ikezawa, Harumi; and Tsuchie, Takanori, 4,551,565, Cl. 568-864.000.

Uda, Yoshiaki; and Yashiki, Takatsuka, to Takeda Chemical Industries, Ltd. Pharmaceutical preparations containing TRH or its analogue. 4,504,470, 3-12-85, Cl. 514-19.000.

Udagawa, Takatoshi: *See—*
Inoue, Tsuneo; Nakatani, Kiyoshi; Oda, Kengo; Ishii, Tutomu; Udagawa, Takatoshi; and Shiraishi, Shiro, 4,552,894, Cl. 514-464.000.

Udaka, Shigezo; Miyashiro, Shigeyoshi; Shimizu, Eikou; and Shiio, Tsuyoshi, to Ajinomoto Co., Inc. High molecular weight antitumor antibiotic AN-7D. 4,507,282, 3-26-85, Cl. 424-117.000.

Udaka, Shigezo; Miyashiro, Shigeyoshi; Hirayama, Kazuo; Ando, Toshihiko; Murai, Asao; Shiio, Tsuyoshi; Kida, Takao; and Shibai, Hiroshiro, to Ajinomoto Co., Inc. Streptothricin-group compounds. 4,560,748, 12-24-85, Cl. 536-24.000.

Udall, Raymond E., to Southern Chemical Products Company. Liquid dispenser, valve therefor and process of producing the valve. 4,515,294, 5-7-85, Cl. 222-105.000.

Udd, Eric: *See—*
Finch, George W.; and Udd, Eric, 4,534,222, Cl. 73-653.000.

Udd, Soren, to AB Volvo. System for supplying combustion air to a supercharged internal combustion engine with charge air cooling. 4,513,729, 4-30-85, Cl. 123-563.000.

Uddenberg, Goran O., to AB Vacuum-Extractor. Obstetric suction device. 4,512,347, 4-23-85, Cl. 128-352.000.

Ude, Werner: *See—*
Besecke, Siegmund; Schroder, Gunter; Ude, Werner; and Wunderlich, Winfried, 4,492,805, Cl. 568-012.000.

Udovenko, Vitaly K.: *See—*
Gnutov, Anatoly N.; Golberg, Boris S.; Zelenskaya, Nadezhda N.; Kaporovich, Vladimir G.; Kaporovich, Vladimir V.; Pirogov, Varlen K.; Romanov, Jury V.; Sereda, Viktor G.; Sidorov, Jury P.; Udovenko, Vitaly K.; and Tsoglin, Aron N., 4,502,310, Cl. 72-69.000.

Udovich, Carl A.; and Edwards, Robert C., to Standard Oil Company (Indiana). Catalysts for the production of maleic anhydride by the oxidation of butane. 4,510,259, 4-9-85, Cl. 502-209.000.

Udren, Eric A., to Westinghouse Electric Corp. Relay for pilot protection of electrical power lines. 4,528,611, 7-9-85, Cl. 361-81.000.

Udren, Eric A., to Westinghouse Electric Corp. Nonlinear noise reduction apparatus with memory. 4,528,678, 7-9-85, Cl. 375-104.000.

Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, to Richter Gedeon Vegyeszeti Gyar Rt.; and Chinoin Gyogyszer es Vegyeszeti Termekek Gyara Rt. Process for the intensification of microbiological conversions of steroids using cyclodextrin additives. 4,528,271, 7-9-85, Cl. 435-55.000.

Udy, Lex L.; and Day, John T. Seismic explosive composition. 4,528,049, 7-9-85, Cl. 149-21.000.

Ueba, Yoshinobu; and Miyake, Shinichi, to Sumitomo Electric Industries, Ltd. Plastic optical fibers. 4,505,543, 3-19-85, Cl. 350-96.340.

Uebel, Helmut, to International Standard Electric Corporation. Facility for intermittent transmission of information between guideway wayside equipment and vehicles moving along the guideway. 4,550,444, 10-29-85, Cl. 455-41.000.

Ueberwolf, Heinz: *See—*
Schwarzenberg, Norbert; Ueberwolf, Heinz; Halberschmidt, Friedrich; and Audi, Josef, 4,493,724, Cl. 65-273.000.

Ueda, Akihiko: *See—*
Arima, Makoto; Tsumura, Takashi; and Ueda, Akihiko, 4,558,643, Cl. 101-158.000.

Ueda, Akio; Akita, Shuichi; and Namizuka, Toshio, to Nippon Zeon Co. Ltd. Rubber composition for tire treads. 4,555,547, 11-26-85, Cl. 525-237.000.

Ueda, Akio; Akita, Shuichi; and Chida, Takeshi, to Nippon Zeon Co. Ltd. Rubber composition for tire treads. 4,555,548, 11-26-85, Cl. 525-237.000.

Ueda, Akiyoshi; Nagasaki, Humiko; Takakura, Yutaka; and Kojima, Shigeru, to Nippon Soda Company Limited. Phenylbutyraldehydes. 4,532,363, 7-30-85, Cl. 568-424.000.

Ueda, Atsushi: *See—*
Komurasaki, Satoshi; Ueda, Atsushi; Morimoto, Yoshinobu; and Kadota, Youichi, 4,508,079, Cl. 123-425.000.

Ueda Electronic Works Limited: *See—*
Kisioka, Kazuya; and Yamakoshi, Kenichi, 4,524,777, Cl. 128-677.000.

Ueda, Fumio; Hashimoto, Eiichi; Yamada, Takeyoshi; and Mori, Koh, to Teijin Limited. Ultrathin film, process for production thereof, and use thereof for concentrating a specified gas in a gaseous mixture. 4,493,714, 1-15-85, Cl. 55-16.000.

Ueda, Fumio; Tsuboi, Yoshiaki; Arai, Hirotsugu; Horikiri, Kenji; and Ideno, Hiroaki, to Mitsubishi Denki Kabushiki Kaisha. Electronic analog display device. 4,518,959, 5-21-85, Cl. 340-784.000.

Ueda, Fumio: *See—*
Horikiri, Kenji; Ueda, Fumio; and Ideno, Hiroaki, 4,519,679, Cl. 350-339.00R.

Ueda, Fusao: *See—*
Enomoto, Hiroshi; Kawamata, Masanobu; Nomura, Akira; Aoyagi, Yoshiaki; and Ueda, Fusao, 4,532,238, Cl. 514-245.000.

Ueda, Hideaki, to Minolta Camera Kabushiki Kaisha. Photosensitive members for electrophotography containing phthalocyanine. 4,547,447, 10-15-85, Cl. 430-78.000.

Ueda, Hideki: *See—*
Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.
Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,497,178, Cl. 62-55.000.

Ueda, Hirohisa: *See—*
Ouchi, Teruo; Chikashige, Kiyoshi; and Ueda, Hirohisa, 4,497,550, Cl. 350-584.000.

Ueda, Hiroshi; and Mima, Yujiro. Telescopic extender for supporting compact camera. 4,530,580, 7-23-85, Cl. 354-82.000.

Ueda, Hiroshi; Saito, Mitsuru; and Kajita, Hideo, to Minolta Camera Kabushiki Kaisha. System and process for producing molded optical elements. 4,537,732, 8-27-85, Cl. 264-1.100.

Ueda, Hiroshi; Matsumoto, Takeshi; and Hashimoto, Masami, to Kabushiki Kaisha Komatsu Seisakusho. Steering control valve system for crawler vehicle. 4,558,717, 12-17-85, Cl. 137-596.000.

Ueda, Hiroshi; Yoshizaki, Akira; and Masaki, Yasuo, to Minolta Camera Kabushiki Kaisha. Flat camera with self photograph framing mirror. 4,560,261, 12-24-85, Cl. 354-121.000.

Ueda, Hiroshi: *See—*
Kato, Eiichi; Okamoto, Masataka; Ueda, Hiroshi; and Inaba, Masaharu, 4,502,984, Cl. 252-518.000.

Ueda, Hiroyuki; Yamada, Yasuaki; Ozawa, Toshiaki; Nakajima, Hiroharu; and Kondo, Hiroatsu, to Canon Kabushiki Kaisha. Printing apparatus controlling advancement of printing paper, actuation of a hammer, and advancement of an ink ribbon. 4,558,965, 12-17-85, Cl. 400-144.200.

Ueda, Ikuo; Takaya, Takao; Kobayashi, Masakazu; Masugi, Takashi; Takasugi, Hisashi; Kochi, Hiromu; and Kitaguchi, Tadashi, to Fujisawa Pharmaceutical Co., Ltd. 3-Cephem intermediates. 4,518,774, 5-21-85, Cl. 544-22.000.

Ueda, Ikuo; Kato, Masayuki; and Kasai, Yoshiharu, to Fujisawa Pharmaceutical Co., Ltd. Anti-inflammatory N-(1-oxo-2,4,6-cycloheptatrienyl)2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide derivatives, compositions, and method of use. 4,540,692, 9-10-85, Cl. 514-225.000.

Ueda, Ikuo; Morino, Daizo; and Takimoto, Koichi, to Fujisawa Pharmaceutical Co., Ltd. 2-Nitroxymethyl and 2,6-bis-nitroxymethylpyridine compounds having vasodilating activity. 4,540,701, 9-10-85, Cl. 514-357.000.

Ueda, Ikuo; Kato, Masayuki; and Nagano, Masanobu, to Fujisawa Pharmaceutical Co., Ltd. Quinazoline derivatives. 4,543,356, 9-24-85, Cl. 514-259.000.

Ueda, Ikuo; Taniguchi, Kiyoshi; and Katsura, Yousuke, to Fujisawa Pharmaceutical Co., Ltd. Benzothiazolone derivatives, processes for preparation thereof and pharmaceutical compositions comprising the same. 4,562,190, 12-31-85, Cl. 514-254.000.

Ueda, Kaichi: *See—*
Madarame, Michimasa; and Ueda, Kaichi, 4,507,935, Cl. 62-227.000.

Ueda, Katsuhiko: *See—*
Chabata, Sueji; Nakano, Keiji; Ito, Kichizo; Ueda, Katsuhiko; Iizuka, Hirokazu; Miyako, Hisao; and Fukagawa, Katsumi, 4,542,064, Cl. 428-383.000.
Suganuma, Tetsuya; Kazuoka, Koji; Fujita, Shuichi; Takahashi, Yoshitaka; Ueda, Katsuhiko; and Nakamura, Hitoshi, 4,524,046, Cl. 419-8.000.

Ueda, Katsunobu: *See—*
Kamiya, Masashi; Ueda, Katsunobu; Sumiya, Mitsuo; and Tsukada, Tameyasu, 4,512,626, Cl. 350-6.800.
Ueda, Katsuroh, to Matsushita Electric Industrial Co., Ltd. Cooking appliance. 4,498,453, 2-12-85, Cl. 126-21.00A.
Ueda, Katsuroh: *See—*
Hirai, Masayoshi; Tanaka, Junzo; and Ueda, Katsuroh, 4,521,183, Cl. 432-37.000.
Ueda, Kayako: *See—*
Nishikawa, Eiichiro; Shinya, Masuo; Ueda, Kayako; and Kaneko, Katsumi, 4,551,556, Cl. 568-403.000.
Sakurada, Satoshi; Hashimoto, Takao; Tagaya, Nobuaki; Maeshima, Tsugio; Ueda, Kayako; and Kokubo, Masahiro, 4,513,166, Cl. 585-832.000.
Ueda, Kenji, to Kabushiki Kaisha Ishida Koki Seisakusho. Hopper and support device therefor in automatic weighing apparatus. 4,527,647, 7-9-85, Cl. 177-105.000.
Ueda, Kenji, to Kabushiki Kaisha Ishida Koki Seisakusho. Apparatus for supporting a timing hopper in an automatic weighing system. 4,549,621, 10-29-85, Cl. 177-105.000.
Ueda, Kenji: *See—*
Miyamoto, Kiyoshi; and Ueda, Kenji, 4,513,257, Cl. 331-65.000.
Ueda, Kouichiro; Tanaka, Satoru; Kunii, Toshinobu; Kagei, Kengo; Sato, Tadashi; Hideki, Ono; Ohtsuka, Issei; Kawase, Mayumi; Ohgoh, Toshiharu; and Wakabayashi, Tsuneo, to Eisai Co., Ltd. Treating complications of diabetes mellitus with hydantoin derivatives. 4,540,704, 9-10-85, Cl. 514-389.000.
Ueda, Makoto, to Seiko Instruments & Electronics Ltd. Driving device of stepping motor. 4,518,906, 5-21-85, Cl. 318-696.000.
Ueda, Makoto, to Seiko Instruments & Electronics Ltd. Booster circuit for electronic watch elements. 4,529,322, 7-16-85, Cl. 368-255.000.
Ueda, Masaaki: *See—*
Okumura, Katsuya; Shinki, Toshinori; Sato, Takashi; and Ueda, Masaaki, 4,502,210, Cl. 29-591.000.
Okumura, Katsuya; and Ueda, Masaaki. 4,538,344, Cl. 29-589.000.
Ueda, Masahiro, to Toyota Jidosha Kabushiki Kaisha. Apparatus for indicating an optimum shift position for a manual transmission installed in a vehicle. 4,550,596, 11-5-85, Cl. 73-117.300.
Ueda, Masahiro: *See—*
Inagaki, Takafumi; and Ueda, Masahiro, 4,531,432, Cl. 74-866.000.
Ueda, Masanori; Takahashi, Ryousuke; and Takeuchi, Hidemaro, to Nippon Steel Corporation. Process for producing austenitic stainless steels less susceptible to rolling defects. 4,494,998, 1-22-85, Cl. 148-2.000.
Ueda, Minoru; Iyehara, Sadahiro; Masuda, Mitsuya; Inohara, Shizuo; and Yamamoto, Keisuke, to Matsushita Electric Industrial Co., Ltd. Image display apparatus. 4,535,272, 8-13-85, Cl. 315-366.000.
Ueda, Minoru: *See—*
Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, 4,523,225, Cl. 358-56.000.
Tanaka, Koji; and Ueda, Minoru, 4,507,204, Cl. 210-497.010.
Ueda, Mitsuhiro: *See—*
Miwa, Hirohide; and Ueda, Mitsuhiro, 4,512,195, Cl. 73-602.000.
Ueda, Morimasa, to Mitutoyo Mfg. Co., Ltd. Edge detector in optical measuring instrument. 4,557,602, 12-10-85, Cl. 356-372.000.
Ueda, Motohiko: *See—*
Adachi, Ikuo; Yamamori, Teruo; Ueda, Motohiko; and Doteuchi, Masami, 4,562,256, Cl. 546-120.000.
Ueda, Nobuhiro: *See—*
Wakabayashi, Noriaki; Fukumoto, Terumichi; and Ueda, Nobuhiro, 4,509,001, Cl. 318-687.000.
Ueda, Nobuo: *See—*
Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, 4,556,689, Cl. 525-54.100.
Ueda, Noriyoshi: *See—*
Kitajima, Tadayuki; Hayakawa, Kimiaki; Ueda, Noriyoshi; and Hiroi, Masakazu, 4,544,148, Cl. 271-3.100.
Ueda, Sachio; Toriyama, Shigehiro; and Matsushita, Yuichi, to Sony Corporation. Rotary magnetic head drum apparatus. 4,524,402, 6-18-85, Cl. 360-130.240.
Ueda, Sanae: *See—*
Hori, Takashi; Ueda, Sanae; and Kojima, Yoshihiro, 4,518,807, Cl. 568-716.000.
Ueda, Shigeki; and Takano, Teruhisa, to Matsushita Electric Industrial Co., Ltd. Heating apparatus having voice command control operative in a conversational processing manner. 4,513,189, 4-23-85, Cl. 219-10.55B.
Ueda, Shigeki, to Matsushita Electric Industrial Co., Ltd. Safety device for a heating appliance. 4,517,431, 5-14-85, Cl. 219-10.55B.
Ueda, Shigeki: *See—*
Takano, Teruhisa; and Ueda, Shigeki, 4,506,142, Cl. 219-490.000.
Ueda, Shigeru: *See—*
Akisue, Osamu; Yamada, Teruaki; Ueda, Shigeru; Tokunaga, Yoshikuni; and Yamada, Masato, 4,551,182, Cl. 148-12.00C.
Fukasawa, Yoshiharu; Matsumoto, Tatsuhiko; Kawai, Mituo; Ueda, Shigeru; Koizumi, Hideo; and Saitou, Hiroyuki, 4,514,234, Cl. 148-11.50P.
Ueda, Shigeta; Hombu, Mitsuyuki; and Matsuda, Yasuo, to Hitachi, Ltd. Gate control circuit for current-type inverter apparatus. 4,549,259, 10-22-85, Cl. 363-137.000.
Ueda, Shuichi: *See—*
Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.
Micetich, Ronald J.; Yamabe, Shigeru; Ueda, Shuichi; Ishida, Naobumi; and Ishizawa, Takeshi, 4,507,239, Cl. 260-245.20R.
Ueda, Shuso: *See—*
Ikenoya, Yasuo; Ueda, Shuso; and Araki, Masafumi, 4,499,724, Cl. 60-290.000.
Ueda, Syuji: *See—*
Nagata, Keiji; Ueda, Syuji; and Tanigawa, Yoshiyuki, 4,495,871, Cl. 108-20.000.
Ueda, Syuzo: *See—*
Hataya, Fumio; Izumiya, Masakiyo; Ohshima, Yoshikuni; Akutsu, Koichi; Ueda, Syuzo; Ishikawa, Masaaki; Kusuhara, Yui; and Shiraishi, Iwao, 4,529,454, Cl. 148-36.000.
Ueda, Takashi; and Kashiwa, Norio, to Mitsui Petrochemical Industries, Ltd. Catalyst composition for polymerizing olefins. 4,525,469, 6-25-85, Cl. 502-125.000.
Ueda, Takeo, to NSK-Warner K.K. Buckle device. 4,490,892, 1-1-85, Cl. 24-641.000.
Ueda, Takeo, to Nippon Seiko Kabushiki Kaisha. Seat belt latch device. 4,533,158, 8-6-85, Cl. 280-804.000.
Ueda, Tatehito: *See—*
Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, 4,506,545, Cl. 73-119.00A.
Ueda, Tomoyuki, to Asahi Yukizai Kogyo Co., Ltd. Anticorrosive butterfly valve. 4,516,597, 5-14-85, Cl. 137-314.000.
Ueda, Toshihiro; Imanishi, Masamichi; and Miyano, Takayoshi, to Suntory Limited. Method and dispenser for dispensing beer. 4,494,681, 1-22-85, Cl. 222-485.000.
Ueda, Toshio; Kato, Tadashi; Mukai, Ryuichi; and Harada, Susumu, to Nitto Boseki Co. Ltd. Process for producing poly(allylamine) derivatives. 4,559,391, 12-17-85, Cl. 525-366.000.
Ueda, Tsunehiro: *See—*
Koshikawa, Takao; Ueda, Tsunehiro; and Ozeki, Tadao, 4,522,251, Cl. 164-491.000.
Ueda, Tsunesuke, to Q.P. Corporation. Process for preparing edible products in the form of capsules. 4,507,327, 3-26-85, Cl. 426-276.000.
Ueda, Yasuo: *See—*
Kagitani, Yoshio; Tanaka, Kenji; Ueda, Yasuo; Shiraga, Yusei; Nakajima, Tunetaka; Doi, Takuji; Ohmura, Takao; Funakoshi, Satoshi; and Suyama, Tadakazu, 4,560,556, Cl. 424-101.000.
Ueda, Yoshihiko, to Takara Kogyo Co., Ltd. Water filtering device. 4,556,487, 12-3-85, Cl. 210-267.000.
Ueda, Yukihiro: *See—*
Konno, Junichi; Ueda, Yukihiro; Niitsuma, Hiroaki; and Chubachi, Noriyoshi, 4,501,149, Cl. 73-587.000.
Ueda, Yutaka: *See—*
Matsui, Isamu; and Ueda, Yutaka, 4,553,708, Cl. 242-36.000.
Yoshida, Kaichiro; and Ueda, Yutaka, 4,527,597, Cl. 139-68.000.
Uedaira, Satoru; Yamanoi, Hiroshi; and Tamura, Hidemasa, to Sony Corporation. Method of manufacturing metal titanate fine powder. 4,520,004, 5-28-85, Cl. 423-598.000.
Uedaira, Satoru; Yamanoi, Hiroshi; Suzuki, Masayuki; Tamura, Hidemasa; and Suzuki, Hiroyuki, to Sony Corporation. Method for manufacturing fine powder of $SrZrO_3$. 4,547,355, 10-15-85, Cl. 423-593.000.
Uede, Hisashi: *See—*
Koyanagi, Katubumi; Take, Hiroshi; and Uede, Hisashi, 4,535,329, Cl. 340-785.000.
Ueeda, Ryuhei; Fujii, Kiyonobu; and Narukawa, Hiroshi, to Kuraray Co., Ltd. Tough thermoplastic resin sheet-like material. 4,555,439, 11-26-85, Cl. 428-221.000.
Ueeda, Ryuhei; Fujii, Kiyonobu; Kubotsu, Akira; Kaneda, Shunji; and Okuno, Kenji, to Kuraray Co., Ltd. Mica flake mass and resin composition with the same incorporated therein. 4,560,715, 12-24-85, Cl. 523-443.000.
Uegaki, Tatsufumi: *See—*
Matsuyama, Junya; Kamada, Akio; Kawabata, Fumimaru; Uegaki, Tatsufumi; and Miyake, Shigeru, 4,527,033, Cl. 219-61.000.
Ueguri, Shigeo: *See—*
Kondo, Masatsune; Tabata, Youichiro; Ueguri, Shigeo; Mizuno, Takaji; Segawa, Hirohisa; and Hiramoto, Seigo, 4,553,018, Cl. 219-130.510.
Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, to Tokyo Denshi Kagaku Kabushiki Kaisha. Automatic plasma processing device and heat treatment device. 4,550,239, 10-29-85, Cl. 219-121.0PG.
Uehara, Akira; Hijikata, Isamu; Nakane, Hisashi; and Nakayama, Muneo, to Tokyo Denshi Kagaku Kabushiki Kaisha. Automatic plasma processing device and heat treatment device for batch treatment of workpieces. 4,550,242, 10-29-85, Cl. 219-121.0PG.
Uehara, Haruo; and Sumitomo, Hiroyuki, to Hisaka Works, Ltd. Condenser. 4,492,268, 1-8-85, Cl. 165-166.000.
Uehara, Hironobu: *See—*
Tahara, Toshiyuki; Uehara, Hironobu; Hamazato, Kazuo; and Hayashi, Toshio, 4,491,700, Cl. 179-170.0NC.
Uehara, Hiroshi; and Shimizu, Tohru, to Kyowa Gas Chemical Industry Co., Ltd. Neodymium-containing transparent resin and method for manufacture thereof. 4,504,616, 3-12-85, Cl. 524-398.000.
Uehara, Katsuya: *See—*
Matsumiya, Saburo; Uehara, Katsuya; Saito, Keiji; Michiki, Hideyuki; and Yaginuma, Kenichi, 4,549,904, Cl. 75-7.000.
Uehara, Kazuo: *See—*
Hoashi, Kenzo; and Uehara, Kazuo, 4,549,466, Cl. 91-6.500.
Karakama, Tadao; and Uehara, Kazuo, 4,517,800, Cl. 60-337.000.
Uehara, Makoto, to Nippon Kogaku K.K. Illumination optical arrangement. 4,498,742, 2-12-85, Cl. 350-523.000.

Uehara, Makoto; and Anzai, Satoru, to Nippon Kogaku K.K. Projection type exposure apparatus. 4,498,762, 2-12-85, Cl. 355-55.000.

Uehara, Makoto; Sudo, Takeshi; and Kanatani, Fujio, to Nippon Kogaku K.K. Horizontal position detecting device. 4,558,949, 12-17-85, Cl. 356-152.000.

Uehara, Masafumi; Yamazaki, Atsuo; and Shimura, Kazuhiro, to Konishiroku Photo Industry Co., Ltd. Positive-working photosensitive composition with o-quinone diazide and admixture of resins. 4,536,465, 8-20-85, Cl. 430-192.000.

Uehara, Masaru: *See—*
- Adachi, Kiyoshi; Uehara, Masaru; Kitagawa, Hiroshi; Kojima, Hirotaka; and Sato, Masaaki, 4,514,965, Cl. 53-553.000.

Uehara, Seigo; Yamanouchi, Hiroshi; and Kuji, Mitsugu, to Sony Corporation. Tape machine. 4,549,237, 10-22-85, Cl. 360-71.000.

Uehara, Yumito: *See—*
- Goko, Nobuaki; and Uehara, Yumito, 4,534,953, Cl. 423-492.000.
- Takashima, Ryokichi; Goko, Nobuaki; Uehara, Yumito; Nishihara, Yasuhiro; and Yamamoto, Hidetoshi, 4,492,787, Cl. 525-53.000.

Uehira, Kiyotaka: *See—*
- Suyama, Satoshi; Uehira, Kiyotaka; Sanpei, Kenji; Sakamoto, Kenichi; and Nakagawa, Koichiro, 4,539,613, Cl. 360-99.000.

Ueki, Masao: *See—*
- Nishikawa, Masaji; Takagi, Takeji; and Ueki, Masao, 4,522,866, Cl. 428-216.000.

Ueki, Yoshiharu: *See—*
- Sakaguchi, Shouzaburou; and Ueki, Yoshiharu, 4,551,774, Cl. 360-72.100.

Uekita, Masakazu; Fushiki, Yasuo; and Ooizumi, Masayuki, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Continuous process for producing a metal clad laminate. 4,557,784, 12-10-85, Cl. 156-307.700.

Uekubo, Yasuhiro, to Mitsubishi Denki Kabushiki Kaisha. Protective relay system for a power system. 4,517,619, 5-14-85, Cl. 361-64.000.

Uekusa, Yasuyuki: *See—*
- Kamijo, Ken; and Uekusa, Yasuyuki, 4,534,441, Cl. 180-268.000.

Uematsu, Chiaki: *See—*
- Inoue, Satoru; Uchida, Mitsuru; Yamaguchi, Kimitoshi; Aoki, Mitsuo; Tomita, Masami; and Uematsu, Chiaki, 4,562,136, Cl. 430-107.000.

Uematsu, Hiroaki; Aoki, Junji; and Oku, Narihiro, to Horiba, Ltd. Flow system glass electrode. 4,519,890, 5-28-85, Cl. 204-409.000.

Uematsu, Hiroaki; and Aoki, Junji, to Horiba, Ltd. Flow through system liquid membrane type electrode. 4,551,222, 11-5-85, Cl. 204-417.000.

Uematsu, Hiroshi: *See—*
- Otabe, Norio; Shimakawa, Yoshiaki; and Uematsu, Hiroshi, 4,492,042, Cl. 34-35.000.

Uematsu, Ikuzo, to Murata Kikai Kabushiki Kaisha. Draft apparatus for a spinning machine. 4,551,887, 11-12-85, Cl. 19-244.000.

Uematsu, Kimio, to Nippon Kogaku K.K. Focal-plane shutter. 4,493,544, 1-15-85, Cl. 354-246.000.

Uematsu, Kimio, to Nippon Kogaku K.K. Light-intercepting blade for a light control device. 4,529,285, 7-16-85, Cl. 354-246.000.

Uematsu, Ryuichi: *See—*
- Okoshi, Koichi; and Uematsu, Ryuichi, 4,532,724, Cl. 36-7.10R.

Uematsu, Tadayuki: *See—*
- Hane, Yoshinari; Suzuki, Hiroshi; Uematsu, Tadayuki; Matsumoto, Shigeru; Momma, Tetuo; Kamiya, Akihiko; and Saito, Mitugu, 4,559,973, Cl. 138-138.000.

Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, to Hitachi, Ltd. Power controlling apparatus using friction material. 4,523,668, 6-18-85, Cl. 192-107.00M.

Uematsu, Tamon: *See—*
- Mori, Kenji; and Uematsu, Tamon, 4,511,726, Cl. 549-283.000.

Uematsu, Yoshiaki: *See—*
- Sentoku, Hideshi; and Uematsu, Yoshiaki, 4,558,712, Cl. 133-3.00R.

Uemura, Fumiko: *See—*
- Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,499,251, Cl. 526-278.000.
- Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,537,940, Cl. 526-278.000.
- Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,539,382, Cl. 526-276.000.

Uemura, Fumio: *See—*
- Mouri, Masami; and Uemura, Fumio, 4,502,158, Cl. 2-240.000.

Uemura, Hiroki, to Pioneer Electronic Corporation. Frequency-division multiplex communication method and system. 4,556,973, 12-3-85, Cl. 370-69.100.

Uemura, Kazuho: *See—*
- Sato, Yasuo; Fukushima, Akio; Kaise, Toshiro; Honda, Yoshiyuki; Uemura, Kazuho; and Fujii, Manabu, 4,526,010, Cl. 62-126.000.

Uemura, Masahito: *See—*
- Tanahashi, Takashi; Takai, Mitsuo; and Uemura, Masahito, 4,559,651, Cl. 4-443.000.

Uemura, Masayuki; Murauchi, Akitsugu; and Izushi, Takehiro, to Nintendo Co., Ltd. Apparatus for displaying grouped characters in scanning type display. 4,521,020, 6-4-85, Cl. 273-85.00G.

Uemura, Michihiko: *See—*
- Kambara, Toru; Uemura, Michihiko; and Iwanaga, Takeya, 4,516,090, Cl. 333-141.000.

Uemura, Morito; and Onodera, Kaoru, to Konishiroku Photo Industry Co., Ltd. Nitrogen-containing heterocyclic blocked mercapto development inhibitors. 4,562,138, 12-31-85, Cl. 430-219.000.

Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Kato, Osamu, to Nippon Oil Co., Ltd. Starting pitches for carbon fibers. 4,521,294, 6-4-85, Cl. 208-23.000.

Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Katoh, Osamu, to Nippon Oil Co., Ltd. Starting pitches for carbon fibers. 4,533,535, 8-6-85, Cl. 423-447.400.

Uemura, Seiichi; Hirose, Takao; and Sohda, Yoshio, to Nippon Oil Co., Ltd. Process for producing carbon fibers. 4,534,950, 8-13-85, Cl. 423-447.400.

Uemura, Tadahiro; and Kurihara, Masaru, to Toray Industries, Inc. High performance semipermeable composite membrane and process for producing the same. 4,559,139, 12-17-85, Cl. 210-490.000.

Uemura, Takeshi, to Tsubakimoto Chain Co. Chain for a machining center. 4,541,533, 9-17-85, Cl. 211-1.500.

Uemura, Takeshi: *See—*
- Onda, Kenichi; Abe, Kojin; Yabuno, Kohei; and Uemura, Takeshi, 4,499,530, Cl. 363-17.000.

Uemura, Toshihiko, to Matsuo Electric Company, Ltd. Method of manufacturing solid electrolyte chip capacitors. 4,497,105, 2-5-85, Cl. 29-570.000.

Uemura, Toshio: *See—*
- Morita, Shigeki; Masai, Tadahisa; Nakashita, Shigeto; Uemura, Toshio; Kouda, Fumio; and Nawata, Tsuyoshi, 4,545,307, Cl. 110-264.000.

Uemura, Toshirou: *See—*
- Kino, Jirou; and Uemura, Toshirou, 4,525,774, Cl. 363-17.000.

Uemura, Yahiro; Arimura, Hirofumi; Morise, Hiroshi; Funakoshi, Satoshi; and Suyama, Tadakazu, to Green Cross Corporation, The. Process for recovering interferon. 4,526,782, 7-2-85, Cl. 424-85.000.

Uemura, Yahiro: *See—*
- Arimura, Hirofumi; Uemura, Yahiro; and Okuno, Yoshiomi, 4,555,401, Cl. 424-89.000.

Uemura, Yukio: *See—*
- Fujita, Masahiro; and Uemura, Yukio, 4,550,633, Cl. 81-56.000.

Uenishi, Akira: *See—*
- Sato, Takeshi; Tsuji, Syogo; Shigeta, Kengo; and Uenishi, Akira, 4,497,577, Cl. 356-336.000.

Uenishi, Toshifumi: *See—*
- Watanabe, Toshiaki; Uenishi, Toshifumi; Sahara, Hiroshi; and Yamaoka, Katsumi, 4,544,922, Cl. 340-728.000.

Ueno, Haruo; Ashitaka, Hidetomo; and Nakajima, Koichi, to UBE Industries, Ltd. Method for producing a polybutadiene material. 4,501,867, 2-26-85, Cl. 526-136.000.

Ueno, Haruo; Ashitaka, Hidetomo; and Nakajima, Koichi, to UBE Industries, Ltd. Method for producing polybutadiene having an enhanced mechanical strength. 4,503,202, 3-5-85, Cl. 526-140.000.

Ueno, Haruo; Ashitaka, Hidetomo; Jinda, Kazuya; and Nakajima, Kouichi, to UBE Industries, Ltd. Process for polymerizing 1,3-butadiene. 4,504,639, 3-12-85, Cl. 526-146.000.

Ueno, Hideo, to Brother Kogyo Kabushiki Kaisha. Electronic 3-mode typewriter/calculator with special dead keys and repeat keys. 4,527,917, 7-9-85, Cl. 400-70.000.

Ueno, Hideo, to Brother Kogyo Kabushiki Kaisha. Electronic typewriter. 4,548,520, 10-22-85, Cl. 400-63.000.

Ueno, Hideo, to Brother Kogyo Kabushiki Kaisha. Typewriter having calculating capability. 4,553,219, 11-12-85, Cl. 364-705.000.

Ueno, Hideo, to Brother Kogyo Kabushiki Kaisha. Electronic typewriter with automatic power-off device. 4,557,615, 12-10-85, Cl. 400-54.000.

Ueno, Hideo: *See—*
- Shinohara, Satoru; Fujii, Noboru; Imada, Kiyohisa; Kadota, Genichi; and Ueno, Hideo, 4,514,560, Cl. 536-1.100.

Ueno, Hiroshi: *See—*
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,550,095, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; and Ueno, Hiroshi, 4,551,440, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,552,858, Cl. 502-112.000.
- Imazu, Katsahiro; Matsubayashi, Hiroshi; Horiguchi, Makoto; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,541,546, Cl. 220-456.000.
- Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.
- Katsura, Tadahiko; Hirota, Kazumi; and Ueno, Hiroshi, 4,501,375, Cl. 220-270.000.
- Kobayashi, Seishichi; Miyazawa, Tetsuo; and Ueno, Hiroshi, 4,525,497, Cl. 523-400.000.
- Miyamatsu, Yasunori; Kaga, Yasuo; Aizawa, Masanori; Ishibashi, Kazuhisa; and Ueno, Hiroshi, 4,526,287, Cl. 220-260.000.
- Nomura, Takeshi; Maruyama, Kouji; Ueno, Hiroshi; and Inaba, Naomi, 4,544,648, Cl. 502-119.000.
- Taira, Kazuo; Morofuji, Akihiko; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,500,575, Cl. 428-35.000.
- Taira, Kazuo; Morofuji, Akihiko; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,556,151, Cl. 220-67.000.
- Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,553,682, Cl. 220-75.000.
- Tsurumaru, Michiko; Nakazato, Seiichi; Nunokawa, Atsushi; Ueno, Hiroshi; and Kobayashi, Seishichi, 4,556,354, Cl. 413-15.000.
- Yasui, Hiroyoshi; Yoshida, Teruo; Ueno, Hiroshi; and Tsumura, Katsunori, 4,523,862, Cl. 384-564.000.

Ueno, Ichiro, to Victor Company of Japan, Ltd. Focusing state monitoring apparatus in optical recording apparatus. 4,521,876, 6-4-85, Cl. 369-54.000.

Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, to Sumitomo Chemical Company, Limited. Process for producing an aromatic polyester fiber. 4,503,005, 3-5-85, Cl. 264-102.000.

Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, to Sumitomo Chemical Company, Limited. Method for producing branched aromatic polyesters. 4,542,203, 9-17-85, Cl. 528-126.000.

Ueno, Katsuji; Sugimoto, Hiroaki; and Hayatsu, Kazuo, to Sumitomo Chemical Company, Limited. Method for producing aromatic polyesters. 4,560,740, 12-24-85, Cl. 528-125.000.

Ueno, Katumi: *See*—
- Honda, Yasuhiro; Ueno, Katumi; Nishizaki, Genichi; Kitahara, Harumi; and Kamioka, Hiroshi, 4,503,606, Cl. 29-701.000.

Ueno, Kazunori; and Suizu, Yohji, to Bridgestone Tire Company Limited. Heat insulation structure for rooftops of buildings. 4,546,580, 10-15-85, Cl. 52-126.100.

Ueno, Kazuo: *See*—
- Toibana, Yasuo; and Ueno, Kazuo, 4,507,224, Cl. 252-516.000.

Ueno, Keiji: *See*—
- Nagasaki, Shoji; Kojima, Keiichi; and Ueno, Keiji, 4,540,597, Cl. 427-44.000.

Ueno, Kenji: *See*—
- Kamogawa, Ninichi; Ueno, Kenji; and Ishii, Kazumi, 4,542,977, Cl. 355-3.0CH.

Ueno, Kiichi: *See*—
- Igarashi, Kimizo; Takigawa, Katsumi; Muchi, Tsuneo; Matsumoto, Yoshio; Ueno, Kiichi; and Ohkoshi, Akio, 4,526,601, Cl. 65-59.100.
- Ohkoshi, Akio; Ueno, Kiichi; Muchi, Tsuneo; Masatoki, Tamihaura; and Michiba, Isamu, 4,529,905, Cl. 313-35.000.

Ueno, Kouji, to Fujitsu Limited. Junction short-circuiting-type programmable read-only memory device. 4,536,858, 8-20-85, Cl. 365-104.000.

Ueno, Makoto: *See*—
- Shinohara, Masaru; Ueno, Makoto; and Sakata, Tsunetaka, 4,558,369, Cl. 358-257.000.

Ueno, Masato, to Kyocera Corporation. Apparatus for waxing-up. 4,553,935, 11-19-85, Cl. 433-32.000.

Ueno, Masato; Sato, Masayoshi; Tasaka, Mitsuyuki; and Naito, Tatsuro, to Four Brain Company Ltd.; and Kyoto Ceramic Co., Ltd. Method and compositions for bonding metals and ceramics with which to make prosthetic teeth. 4,556,389, 12-3-85, Cl. 433-206.000.

Ueno, Masato: *See*—
- Ozawa, Isao; Aono, Yukio; and Ueno, Masato, 4,492,366, Cl. 267-140.100.

Ueno, Mitsushi; Shirogami, Tamotsu; and Mikogami, Yukihiro, to Kabushiki Kaisha Toshiba. Porous gas diffusion electrode and method of producing the same. 4,555,324, 11-26-85, Cl. 204-284.000.

Ueno, Mitsushi: *See*—
- Shirogami, Tamotsu; and Ueno, Mitsushi, 4,515,871, Cl. 429-34.000.

Ueno, Ryuzo; Tsuchiya, Hiroaki; and Itoh, Shigeru, to Kabushiki Kaisha Ueno Seiyaku Oyo Kenkyujo. Azo pigments derived from 2-hydroxynaphthalene-3-carboxylic acid or its salts having improved color. 4,530,724, 7-23-85, Cl. 106-288.00Q.

Ueno, Sadayasu, to Hitachi, Ltd. Thermal flow meter. 4,534,218, 8-13-85, Cl. 73-204.000.

Ueno, Sadayasu: *See*—
- Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.
- Sato, Kanemasa; and Ueno, Sadayasu, 4,513,615, Cl. 73-204.000.
- Sato, Kanemasa; Ueno, Sadayasu; Oyama, Yoshishige; and Nishimura, Yutaka, 4,527,423, Cl. 73-118.000.
- Sato, Kanemasa; and Ueno, Sadayasu, 4,559,814, Cl. 73-118.000.

Ueno, Satoru: *See*—
- Unno, Yohei; Ueno, Satoru; Sadamitsu, Kazuo; and Okamoto, Tsuneo, 4,549,581, Cl. 138-109.000.

Ueno, Shoji: *See*—
- Masuda, Isao; Takahashi, Nobuaki; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Ueno, Shoji, 4,516,163, Cl. 360-32.000.
- Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, 4,561,083, Cl. 369-59.000.

Ueno, Shyoji: *See*—
- Yana, Masasumi; Nagato, Hitoshi; Yamada, Kiyoshi; Ueno, Shyoji; and Shibuya, Kunihiro, 4,552,470, Cl. 400-120.000.

Ueno, Susumu; Kuroda, Kouiti; Kitamura, Hajime; Tohkai, Masaie; Kato, Ken-ichi; and Hiraishi, Nobuyuki, to Hitachi, Ltd.; and Shin-Etsu Chemical Co., Ltd. Roll seal boxes for continuous vacuum treating apparatus. 4,501,428, 2-26-85, Cl. 277-12.000.

Ueno, Susumu; and Kamata, Hideaki, to Shin-Etsu Chemical Co., Ltd. Method for imparting improved surface properties to a polymeric shaped article. 4,504,349, 3-12-85, Cl. 156-272.600.

Ueno, Susumu; Nomura, Hirokazu; and Imada, Kiyoshi, to Shin-Etsu Chemical Co., Ltd. Fluorine-containing synthetic resin shaped articles having improved surface properties and a method for the preparation thereof. 4,548,867, 10-22-85, Cl. 428-409.000.

Ueno, Susumu; and Nomura, Hirokazu, to Shin-Etsu Chemical Co., Ltd. Method for improving surface properties of a shaped article of a synthetic resin. 4,560,458, 12-24-85, Cl. 204-165.000.

Ueno, Susumu: *See*—
- Endo, Morinobu; Takamizawa, Minoru; Hongu, Tatsuhiko; and Ueno, Susumu, 4,532,150, Cl. 427-39.000.
- Imada, Kiyoshi; Ueno, Susumu; Nomura, Hirokazu; Tohkai, Masaie; Hata, Yoshitada; and Kato, Kenichi, 4,551,310, Cl. 422-186.050.

Ueno, Takahiro. Method for driving a vehicle driven by an internal combustion engine. 4,512,154, 4-23-85, Cl. 60-626.000.

Ueno, Takashi; and Takase, Sadao, to Nissan Motor Company, Limited. Fuel injection control system for a direct injection type internal combustion engine. 4,495,924, 1-29-85, Cl. 123-478.000.

Ueno, Takashi: *See*—
- Takahashi, Toru; and Ueno, Takashi, 4,492,195, Cl. 123-339.000.

Ueno, Tamio: *See*—
- Kobayashi, Yoshinobu; Ueno, Tamio; and Kanagawa, Kozi, 4,491,967, Cl. 455-41.000.

Ueno, Tetsuto: *See*—
- Kishida, Katsuji; Ueno, Tetsuto; Onishi, Masakazu; and Oda, Keijiro, 4,510,984, Cl. 152-362.0CS

Ueno, Toshihiko: *See*—
- Shimidzu, Yasutaka; Kenmochi, Hirohito; Ueno, Toshihiko; and Tani, Chizuka, 4,505,549, Cl. 350-349.000.

Ueno, Toshishige: *See*—
- Yagitani, Takayuki; Matsui, Hiromasa; Ito, Akira; and Ueno, Toshishige, 4,548,745, Cl. 252-567.000.

Ueno, Tsutomu: *See*—
- Matsuda, Yukio; Tachibana, Kenzo; and Ueno, Tsutomu, 4,555,921, Cl. 72-224.000.

Ueno, Tsuyoshi; Hashimoto, Shinichi; Matsuyama, Kouzou; and Wakao, Nobutaka, to Tokyo Shibaura Denki Kabushiki Kaisha. Imaging method using a charged insulating layer. 4,494,857, 1-22-85, Cl. 355-3.0CH.

Ueno, Tsuyoshi; Suzuki, Katsumi; and Hirose, Masataka, to Tokyo Shibaura Denki Kabushiki Kaisha; and Hirose, Masatake. Method of forming amorphous silicon film. 4,532,199, 7-30-85, Cl. 430-128.000.

Ueno, Tsuyoshi: *See*—
- Hosoya, Masahiro; and Ueno, Tsuyoshi, 4,498,756, Cl. 355-3.0DD.
- Hosoya, Masahiro; and Ueno, Tsuyoshi, 4,521,098, Cl. 355-3.0DD.

Ueno, Yauso. Kinematic universal coupling. 4,547,177, 10-15-85, Cl. 464-69.000.

Ueno, Yoshiki: *See*—
- Sato, Susumu; Hattori, Tadashi; Ueno, Yoshiki; and Taguchi, Takashi, 4,556,599, Cl. 428-216.000.

Ueno, Yukichi: *See*—
- Shibata, Atsushi; and Ueno, Yukichi, 4,494,005, Cl. 250-492.200.

Ueno, Yukio: *See*—
- Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, 4,552,312, Cl. 239-585.000.

Ueno, Yutaka: *See*—
- Imanaka, Yoshifumi; and Ueno, Yutaka, 4,542,411, Cl. 358-260.000.

Uenozono, Hiroko: *See*—
- Fujii, Tadashi; Yamaguchi, Tomoyuki; Murakami, Kakuji; Kawakami, Tomiko; and Uenozono, Hiroko, 4,508,570, Cl. 106-20.000.

Ueoka, Isao: *See*—
- Miyake, Masayoshi; Ueoka, Isao; Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Yamamoto, Teruyuki, 4,508,779, Cl. 428-383.000.

Uerdingen, Walter: *See*—
- Lindner, Christian; Braese, Hans-Eberhard; Ott, Karl-Heinz; and Uerdingen, Walter, 4,511,695, Cl. 525-80.000.
- Lindner, Christian; Ott, Karl-Heinz; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,743, Cl. 525-80.000.
- Lindner, Christian; Uerdingen, Walter; Hinz, Jurgen; and Trabert, Ludwig, 4,522,964, Cl. 524-71.000.
- Ott, Karl-Heinz; Lindner, Christian; Uerdingen, Walter; Braese, Hans-Eberhard; and Hurnik, Helmut, 4,518,515, Cl. 525-79.000.
- Waniczek, Helmut; Lindner, Christian; Suling, Carlhans; Bartl, Herbert; and Uerdingen, Walter, 4,506,045, Cl. 524-31.000.
- Waniczek, Helmut; Uerdingen, Walter; and Brudermanns, Karola, 4,533,728, Cl. 528-370.000.

Uesaka, Yasutaro; Hishiyama, Sadao; Kitada, Masahiro; Shimizu, Noboru; Tanabe, Hideo; and Fujiwara, Hideo, to Hitachi, Ltd.; and Hitachi Maxell, Ltd. Perpendicular magnetic recording medium. 4,544,591, 10-1-85, Cl. 428-65.000.

Ueshima, Michio: *See*—
- Sato, Takahisa; Takata, Masahiro; Ueshima, Michio; and Nagai, Isao, 4,537,874, Cl. 502-311.000.
- Tsuneki, Hideaki; Ueshima, Michio; Aoki, Ryuji; and Nagai, Isao, 4,558,028, Cl. 502-211.000.

Ueshima, Takashi: *See*—
- Kurosawa, Shigeru; and Ueshima, Takashi, 4,533,721, Cl. 528-174.000.

Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, to Furukawa Electric Co., Ltd., The; and Mitsubishi Petrochemicals Co., Ltd. Cross-linked polyethylene insulated power cable with improved electric breakdown strength and method for manufacturing the same. 4,520,230, 5-28-85, Cl. 174-107.000.

Uesugi, Mitsuaki: *See*—
- Yamada, Takeo; Uesugi, Mitsuaki; and Okamura, Masaru, 4,544,268, Cl. 356-394.000.

Ueta, Yutaka: *See*—
- Tatemoto, Masayoshi; Oka, Masahiko; Kano, Hideo; Tomoda, Masayasu; and Ueta, Yutaka, 4,501,869, Cl. 526-249.000.

Uetani, Kenichi; and Umeda, Yasukazu, to Mitsubishi Denki Kabushiki Kaisha. Elevator control system. 4,531,616, 7-30-85, Cl. 187-29.00R.

Uetani, Kenichi, to Mitsubishi Denki Kabushiki Kaisha. Group supervisory control system for elevator. 4,542,463, 9-17-85, Cl. 364-424.000.

Uetani, Kenichi, to Mitsubishi Denki Kabushiki Kaisha. Elevator supervision system. 4,553,639, 11-19-85, Cl. 187-29.00R.

Uetani, Kenichi: *See—*

Umeda, Yasukazu; and Uetani, Kenichi, 4,562,530, Cl. 364-148.000.

Uetani, Yoshio: *See—*

Miyauchi, Katsuki; Kudo, Tetsuichi; Minato, Osamu; Masuhara, Toshiaki; and Uetani, Yoshio, 4,539,660, Cl. 365-229.000.

Uetsuhara, Tokio, to Mitsubishi Mining and Cement Co., Ltd. Electronic valve control apparatus. 4,541,563, 9-17-85, Cl. 239-64.000.

Uetsuki, Haruo; and Kobayashi, Takehiro, to Ryobi Ltd. Device for controlling a click brake on a fly reel. 4,540,135, 9-10-85, Cl. 242-84.51R.

Uetsuki, Masao: *See—*

Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,496,714, Cl. 528-272.000.

Murata, Yoshifumi; Igi, Keishiro; Narukawa, Hiroshi; Uetsuki, Masao; Bando, Satoshi; Kawai, Shuji; and Shirano, Kenji, 4,504,531, Cl. 428-35.000.

Ueura, Akira: *See—*

Maeda, Yoshiyasu; Ueura, Akira; Sato, Kazuyoshi; and Watanabe, Katsunori, 4,555,069, Cl. 242-43.00R.

Ueyama, Katsuyoshi: *See—*

Oishibashi, Hirotsugu; Ueyama, Katsuyoshi; Ohara, Muneyuki; Nakamura, Mitsuo; Aichi, Takeo; and Sasaki, Shigeru, 4,556,164, Cl. 228-199.000.

Ueyama, Shinichiro: *See—*

Tanino, Hiroshi; Okamoto, Tetsuhiko; Ueyama, Shinichiro; Fujikawa, Kazuhiko; and Tsumiyama, Takatoshi, 4,522,689, Cl. 203-52.000.

Ueyama, Tamotsu; and Yamada, Takao, to Hitachi Chemical Company, Ltd. Electroconductive paste and process for producing electroconductive metallized ceramics using the same. 4,493,789, 1-15-85, Cl. 252-514.000.

Ueyanagi, Kiichi; Takahashi, Susumu; Umemoto, Yasunari; and Nakamura, Michiharu, to Hitachi, Ltd. Method of fabricating field effect transistors. 4,503,599, 3-12-85, Cl. 29-571.000.

Ueyanagi, Kiichi; Umemoto, Yasunari; Takahashi, Susumu; and Nakamura, Michiharu, to Hitachi, Ltd. Self-aligned manufacture of FET. 4,546,540, 10-15-85, Cl. 29-579.000.

Ueyanagi, Kiichi: *See—*

Miyazaki, Masaru; Takahashi, Susumu; Kohashi, Takahiro; and Ueyanagi, Kiichi, 4,561,169, Cl. 29-571.000.

Ufer, Peter P.: *See—*

Lindner, Horst J.; Ufer, Peter P.; Heck, Klaus; and Schmoger, Gerhard, 4,504,370, Cl. 204-129.100.

Uffner, William E.; and White, Robert N., to Owens-Corning Fiberglas Corporation. Chemically modified asphalts and glass fibers treated therewith. 4,518,741, 5-21-85, Cl. 525-54.500.

Uffner, William E.; and White, Robert N., to Owens-Corning Fiberglas Corporation. Chemically modified asphalts and glass fibers treated therewith. 4,528,241, 7-9-85, Cl. 428-378.000.

Uffner, William E.; White, Robert N.; and Harrington, Edward R., to Owens-Corning Fiberglas Corporation. Blended pressure-sensitive asphaltic based adhesives. 4,537,921, 8-27-85, Cl. 524-59.000.

Uffner, William E.; and White, Robert N., to Owens-Corning Fiberglas Corporation. Primer composition for a laminated repaired road. 4,545,699, 10-8-85, Cl. 404-31.000.

Uffner, William E.: *See—*

Muncaster, John W.; Roberts, Michael G.; Rowlett, R. David; Hoitink, Todd B.; Uffner, William E.; and White, Robert N., 4,508,770, Cl. 428-63.000.

UFI Engineering & Manufacturing Co., Inc.: *See—*

Miksitz, Frank J., 4,506,811, Cl. 222-411.000.

Ufrecht, Martin; and Rest, Heinz, to Ford Motor Company. Vehicle door, in particular for passenger motor car. 4,509,293, 4-9-85, Cl. 49-502.000.

Ugajin, Mitsuyuki: *See—*

Asano, Masumi; Ugajin, Mitsuyuki; and Isogai, Kiyoshi, 4,523,763, Cl. 277-1.000.

Ugalde, Carlos V. Computer work station cabinet. 4,491,375, 1-1-85, Cl. 312-250.000.

Ugelstad, John; and Berge, Arvid, to Sintef. Process for the preparation of aqueous dispersions of organic material and possible further conversion to a polymer dispersion when the organic material is a polymerizable monomer. 4,530,956, 7-23-85, Cl. 524-458.000.

Uggeri, Fulvio: *See—*

Giordano, Claudio; Belli, Aldo; Uggeri, Fulvio; and Villa, Giovanni, 4,560,777, Cl. 549-374.000.

Ugine Aciers: *See—*

Jacquemin, Claude; Provost, Florent; and Seinera, Andre, 4,515,560, Cl. 432-80.000.

Uglow, Malcolm S.; and Uglow, Phillip J. Roof drain insert coupling. 4,505,499, 3-19-85, Cl. 285-42.000.

Uglow, Phillip J.: *See—*

Uglow, Malcolm S.; and Uglow, Phillip J., 4,505,499, Cl. 285-42.000.

Ugon, Michel; and Nonat, Jean-Pierre, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Handheld processor with two-way dialog between microprocessor in case and microprocessor on carrier insertable into casing slot. 4,523,297, 6-11-85, Cl. 364-900.000.

Ugon, Michel; and Fouchard, Serge, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Power supply system of a device designed to cooperate with a removable electronic medium such as a card and device equipped with such a system. 4,538,058, 8-27-85, Cl. 235-380.000.

Ugon, Michel, to CII Honeywell Bull (Societe Anonyme). Process and apparatus for authenticating or certifying at least one item of information contained in a memory of a removable and portable electronic carrier, such as a card. 4,544,833, 10-1-85, Cl. 235-379.000.

Ugon, Michel, to Compagnie International pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Device for single line bidirectional data transmission between an intelligent card's microprocessor and a second processor. 4,556,958, 12-3-85, Cl. 364-200.000.

Uhde GmbH: *See—*

Buxel, Ludwig M.; and Mulhaus, Ludwig, 4,537,571, Cl. 432-27.000.

Ilgner, Hartmut; Kledewski, Peter; and Heun, Reinhard, 4,528,147, Cl. 261-128.000.

Uherek, Vladimir; and Kersen, Matthew F., to Westinghouse Electric Corp. Elevator system. 4,494,628, 1-22-85, Cl. 187-29.00R.

Uherek, Vladimir; and Kersen, Matthew F., to Westinghouse Electric Corp. Speed pattern generator for an elevator car. 4,501,344, 2-26-85, Cl. 187-29.00R.

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  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,512,404, Cl. 166-274.000.
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  - Sandulyak, Alexandr V.; Garaschenko, Vyacheslav I.; and Korkhov, Oleg J., 4,492,921, Cl. 324-204.000.
- Ukrainsky Nauchno-Issledovatelsky Institut Stankov I Instrumentov: *See—*
  - Telis, Alexandr I.; Epishin, Pavel P.; Korzhov, Viktor I.; Makarov, Gennady A.; Kotlyarenko, Iosif Y.; and Grischenko, Nikolai V., 4,506,143, Cl. 219-497.000.
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  - Trishevsky, Igor S.; Patseka, Ivan E.; Temnikov, Eduard M.; Borisenko, Alexandr G.; Doktorov, Mark E.; Kheifets, Grigory R.; Lanko, Vladimir V.; and Miroshnichenko, Sergei V., 4,558,577, Cl. 72-12.000.
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- Ulbert, Karel: *See—*
  - Sorm, Miloslav; Langpaul, Josef; Ulbert, Karel; Kadlec, Karel; Skalicky, Stanislav; Brazdil, Miroslav; Nespurek, Stanislav; Kensa, Jaromir; Zvonicek, Miroslav; and Hrdina, Zdenek, 4,503,996, Cl. 222-321.000.
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- Ulbing, Otmar M., to Air Monitor Corporation. Harmonic screw actuator. 4,557,153, 12-10-85, Cl. 74-2.000.
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  - Geis, Heinz; Lautenschlager, Heinz; Schulte, Harmut; and Uliczka, Siegmund, 4,507,102, Cl. 474-101.000.
- Uliczka, Wolfgang: *See—*
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- Ulijasz, Thaddeus R., to Cooper Industries, Inc. Electro-optical signal processing systems and devices. 4,549,085, 10-22-85, Cl. 250-551.000.
- Ulinskas, Gary J., to Whittaker Corporation. Breathing air conservation system. 4,501,270, 2-26-85, Cl. 128-202.130.
- Ulke, Walter: *See—*
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  - Liu, Yen-Ping; Ullman, Edwin F.; and Becker, Martin J., 4,550,017, Cl. 424-11.000.
- Ullman, Myron E., Jr., to Kessler Products Co., Inc. Insert for laminated doors. 4,561,212, 12-31-85, Cl. 49-503.000.
- Ullman, Thomas J.; Shadbolt, Colin F.; Pagdin, Brian C.; Marriage, David J.; Clarke, Peter J.; and Sheppard, Ian J., to Solex (U.K.) Limited. Air/fuel induction system for spark ignition internal combustion engines, and electromagnetic valves. 4,513,728, 4-30-85, Cl. 123-527.000.
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- Ullum, Henrik. Apparatus for automatic cleaning of killed poultry. 4,527,304, 7-9-85, Cl. 17-11.000.
- Ulmer, Harrold, to Whittar Industries, Ltd. Shopping cart. 4,560,180, 12-24-85, Cl. 280-33.99B.
- Ulmer, Harry E.: *See—*
  - Mathew, Chempolil T.; and Ulmer, Harry E., 4,507,248, Cl. 260-500.50H.
  - Mathew, Chempolil T.; and Ulmer, Harry E., 4,551,323, Cl. 423-387.000.
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- Ulmer, Jamie F. Electric safety switch. 4,549,097, 10-22-85, Cl. 307-326.000.
- Ulmer, Richard W.; and McKenzie, James A., to Motorola, Inc. Analog switch structure having low leakage current. 4,544,854, 10-1-85, Cl. 307-576.000.
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  - Class, Eberhard; Schweizer, Heiner; and Frank, Gunther, 4,524,843, Cl. 180-179.000.
- Ulrich, Franz W.: *See—*
  - Fant, Karl M.; Fundakowski, Richard A.; Levitt, Tod S.; Overland, John E.; Suresh, Bindinganavle R.; and Ulrich, Franz W., 4,519,041, Cl. 364-5[illegible]2.000.
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  Kusmierz, Marvin A.; and Pijaszek, Robert F., 4,496,828, Cl. 219-405.000.
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  Ruth, John V.; and Potts, Garfield C., 4,512,323, Cl. 123-557.000.
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  Lueth, Roy C., 4,512,558, Cl. 266-249.000.
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  Fischer, Dan E., 4,551,100, Cl. 433-218.000.
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Umble, Don G.; Choong, Tsi-Pin; Izzo, Kenneth R.; Burdg, Charles E.; Hankin, Gary H.; and Dalke, Charles A., to General Electric Company. Instrument for calibrating pressure gauges. 4,512,179, 4-23-85, Cl. 73-4.00R.
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  Allgeyer, David F., 4,496,201, Cl. 312-296.000.
  Fleer, Thomas P., 4,507,550, Cl. 235-449.000.
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  Press, Irving D.; Nickerson, Harvey R.; and Rink, Helm A., 4,537,425, Cl. 285-55.000.
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  Schuller, James T., 4,499,985, Cl. 194-10.000.
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  Schuller, James T.; Smith, Barry L.; and Griner, Paul K., 4,512,454, Cl. 194-1.00D.
  Smith, Barry L., 4,550,819, Cl. 194-1.00N.
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  Suzumura, Nobuyasu; Umebayashi, Kazuyuki; and Yamada, Takahiro, 4,503,504, Cl. 364-425.000.
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  Nakatomi, Yasuo; Saito, Hiraku; Nagashima, Akihiro; and Umeda, Fumio, 4,547,374, Cl. 426-19.000.
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Umeda, Hiroyuki, to Victor Company of Japan, Ltd. Adapter for a miniature type tape cassette. 4,536,810, 8-20-85, Cl. 360-94.000.
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  Kasahara, Hideo; Suzuki, Hiroshi; and Umeda, Noriaki, 4,543,392, Cl. 525-90.000.
Umeda, Seiichi: *See—*
  Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirosune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
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Umeda, Tadashi: *See—*
  Miyoshi, Hideo; Umeda, Tadashi; and Aoki, Takashi, 4,515,465, Cl. 355-14.00C.
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Umeda, Yasukazu: *See—*
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  Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,529,549, Cl. 260-404.500.
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Umegaki, Kikuo; and Inoue, Kotaro, to Hitachi, Ltd. Fast breeder. 4,562,034, 12-31-85, Cl. 376-172.000.
Umeha, Genkichi; and Hiraoka, Takeshi, to Nippon Piston Ring Co., Ltd. Steel floating seal with remelted deposit-alloyed wear surfaces. 4,513,977, 4-30-85, Cl. 277-96.200.
Umeha, Genkichi; Urano, Shigeru; and Kato, Satoru, to Nippon Piston Ring Co., Ltd. Method for manufacturing camshaft. 4,556,532, 12-3-85, Cl. 419-5.000.
Umehara, Akihiko: *See—*
  Nose, Isamu; and Umehara, Akihiko, 4,513,436, Cl. 381-43.000.
Umehara, Akira: *See—*
  Iwasaki, Masayuki; and Umehara, Akira, 4,557,997, Cl. 430-325.000.
  Kawamura, Kouichi; Aotani, Yoshimasa; and Umehara, Akira, 4,555,474, Cl. 430-281.000.
  Tamoto, Koji; Umehara, Akira; Nagano, Teruo; Iwasaki, Masayuki; and Aotani, Yoshimasa, 4,505,793, Cl. 204-159.160.
Umehara, Masayu. Apparatus for utilizing the impact force of bodies falling under gravity. 4,492,287, 1-8-85, Cl. 185-33.000.
Umehara, Mitsuo: *See—*
  Matsuoka, Fumio; Iijima, Hitoshi; Yamazaki, Kisuke; Kasagi, Hiroshi; Nakashima, Yasuo; Sakuma, Kiyoshi; and Umehara, Mitsuo, 4,499,739, Cl. 62-212.000.
Umehara, Shoji: *See—*
  Sakai, Kiyoshi; Ishikawa, Shozo; Arita, Tetsuo; Mabuchi, Minoru; and Umehara, Shoji, 4,501,808, Cl. 430-59.000.
Umekawa, Osamu; and Katayama, Sakae, to Katayama Chemical Works Co., Ltd.; and Yoshitomi Pharmaceutical Industries Ltd. Microbicidal/microbistatic compositions and use thereof employing mixtures of 4,5-dichloro-1,2-dithiol-3-one and alkylenebisthiocyanate. 4,518,610, 5-21-85, Cl. 514-516.000.
Umeki, Kazumi: *See—*
  Saito, Taro; Umeki, Kazumi; Ohno, Takaaki; Sakane, Hirobumi; Tsujino, Masahide; Sanpei, Keiichi; Nagamine, Yoshibumi; and Sato, Yoshitaka, 4,556,113, Cl. 172-91.000.
Umeki, Masakazu, to BOC Group plc, The. Process for nitrogen enrichment. 4,494,966, 1-22-85, Cl. 55-26.000.
Umeki, Yoshihiko: *See—*
  Akihama, Shigeyuki; Koizumi, Hajime; Umeki, Yoshihiko; Saito, Makoto; Banno, Tadashi; and Tateno, Shinya, 4,522,003, Cl. 52-391.000.
Umemoto, Chiyuki; and Kohketsu, Kazuo, to Fuji Photo Film Co., Ltd. Noise erasing apparatus for stimulable phosphor sheet. 4,496,838, 1-29-85, Cl. 250-327.200.
Umemoto, Chiyuki; and Takahashi, Kenji, to Fuji Photo Film Co., Ltd. Phosphor and radiation image storage panel employing the same. 4,505,989, 3-19-85, Cl. 428-691.000.
Umemoto, Hirotoshi; Tanabe, Hisaki; Yamada, Mitsuo; and Nakano, Shinji, to Nippon Paint Co., Ltd. Polycarboxylic acid resinous composition, its preparation and coating composition containing the same. 4,501,863, 2-26-85, Cl. 525-443.000.
Umemoto, Hirotoshi; Tanabe, Hisaki; and Nakano, Shinji. Polycarboxylic-alkyleneimine resinous composition and coating composition containing same. 4,535,128, 8-13-85, Cl. 525-162.000.

Umemoto, Hirotoshi: *See—*

Oda, Shoji; Ehara, Kunihiko; Umemoto, Hirotoshi; and Nakano, Shinji, 4,501,829, Cl. 523-400.000.

Umemoto, Makoto: *See—*

Aoki, Kozo; Umemoto, Makoto; and Ogawa, Akira, 4,524,132, Cl. 430-552.000.

Hirano, Tsumoru; Yagihara, Morio; and Umemoto, Makoto, 4,511,647, Cl. 430-381.000.

Hirano, Tsumoru; Umemoto, Makoto; and Hirano, Mitsunori, 4,518,687, Cl. 430-548.000.

Okazaki, Masaki; Tanabe, Osami; Nagaoka, Satoshi; Mihara, Yuji; Kimura, Keizo; and Umemoto, Makoto, 4,513,081, Cl. 430-550.000.

Tanabe, Osami; Aoki, Kozo; Ogawa, Akira; and Umemoto, Makoto, 4,552,836, Cl. 430-549.000.

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Umemoto, Mitsumasa; Asano, Tamotsu; Nagata, Teruyuki; and Numata, Satoshi, to Mitsui Toatsu Chemicals, Inc. Process for producing 3-phenoxybenzyl 2-(4-alkoxyphenyl)-2-methylpropyl ethers. 4,542,243, 9-17-85, Cl. 568-636.000.

Umemoto, Mitsumasa: *See—*

Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,551,478, Cl. 514-603.000.

Umemoto, Naoji: *See—*

Kato, Yoshinori; Umemoto, Naoji; Saito, Masahiko; and Hara, Takeshi, 4,507,234, Cl. 260-121.000.

Kato, Yoshinori; Umemoto, Naoji; Hara, Takeshi; Tsukada, Yutaka; and Hirai, Hidematsu, 4,543,211, Cl. 260-112.00B.

Umemoto, Shuichi: *See—*

Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,513,360, Cl. 363-20.000.

Ikenoue, Tsuneo; Liu, Shin-yng; Arai, Naoki; and Umemoto, Shuichi, 4,524,413, Cl. 363-127.000.

Umemoto, Tomeo; and Yotsumoto, Toshiyuki, to Kubota, Ltd. Change-speed apparatus in a tractor. 4,528,872, 7-16-85, Cl. 74-781.00R.

Umemoto, Yasunari: *See—*

Ueyanagi, Kiichi; Takahashi, Susumu; Umemoto, Yasunari; and Nakamura, Michiharu, 4,503,599, Cl. 29-571.000.

Ueyanagi, Kiichi; Umemoto, Yasunari; Takahashi, Susumu; and Nakamura, Michiharu, 4,546,540, Cl. 29-579.000.

Umemura, Kazuhiro; Sampei, Tohru; Nakata, Kazuo; Sato, Hirokazu; Murakami Kenya; and Intoh, Kiyoshi, to Nippon Telegraph & Telephone Public Corporation; and Hitachi, Ltd. Speech synthesizer. 4,491,958, 1-1-85, Cl. 381-51.000.

Umemura, Mamoru; and Yokota, Minoru, to NEC Corporation. Prolog processing system. 4,546,432, 10-8-85, Cl. 364-200.000.

Umemura, Shizuo; and Kitamoto, Tatsuji, to Fuji Photo Film Co., Ltd. Ferromagnetic particles with stable magnetic characteristics and method of preparing same. 4,554,089, 11-19-85, Cl. 252-62.560.

Umemura, Takeaki; Inoue, Ayumu; and Mitsuda, Satoshi, to Sumitomo Chemical Company, Limited. Production of optically active cyclopentenolones. 4,552,703, 11-12-85, Cl. 260-466.000.

Umemura, Toshikazu: *See—*

Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; Kawata, Toshikatsu; Kiboshi, Shinzi; and Shibata, Akiyoshi, 4,506,053, Cl. 524-405.000.

Sakurai, Masanori; Miyawaki, Junichi; Umemura, Toshikazu; and Shibata, Akiyoshi, 4,526,921, Cl. 524-405.000.

Umemura, Yukio, to Nissan Motor Company, Limited. Cooling system of V-type internal combustion engine. 4,493,294, 1-15-85, Cl. 123-41.330.

Umeno, Hiroshi; Saito, Gunji; and Hayashida, Morimasa, to Honda Giken Kogyo Kabushiki Kaisha. Power transmission apparatus in mobile type lawn mower. 4,554,780, 11-26-85, Cl. 56-11.800.

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Ichimura, Yoshiaki; Noda, Atsuhito; Tokaichi, Tetsuro; and Umesato, Shoji, 4,519,660, Cl. 339-75.00M.

Umetani, Tetsumasa; and Matsunaga, Katsutoshi, to Hitachi Zosen Corporation. Method and apparatus for producing halogen. 4,502,928, 3-5-85, Cl. 204-98.000.

Umetco Minerals Corporation: *See—*

Faulring, Gloria M., 4,526,613, Cl. 75-12.000.

Gardner, Harry E., 4,540,562, Cl. 423-592.000.

Umetsu, Yoshihiro; Muraishi, Masakazu; Ito, Osamu; and Kakeba, Masakatsu, to Nissan Motor Company, Limited. Seating position adjusting device for an automotive vehicle seat. 4,516,788, 5-14-85, Cl. 280-6.00R.

Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yooji; and Sugita, Yutaka, to Hitachi, Ltd. Process for forming fine patterns. 4,502,916, 3-5-85, Cl. 156-643.000.

Umezaki, Hiroshi; Koyama, Naoki; Maruyama, Yooji; and Sugita, Yutaka, to Hitachi, Ltd. Magnetic bubble memory device. 4,503,517, 3-5-85, Cl. 365-36.000.

Umezaki, Hiroshi: *See—*

Imura, Ryo; Ikeda, Tadashi; Takeuchi, Teruaki; Umezaki, Hiroshi; Suzuki, Ryo; and Sugita, Yutaka, 4,556,582, Cl. 427-38.000.

Kadokura, Hidekimi; and Umezaki, Hiroshi, 4,498,931, Cl. 106-307.000.

Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. Antibiotic oxanosine and process for the preparation thereof. 4,495,347, 1-22-85, Cl. 536-24.000.

Umezawa, Hamao; Okami, Yoshiro; and Kondo, Shinichi, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. 3-O-Demethyl derivatives of the istamycin B series of compounds. 4,499,083, 2-12-85, Cl. 514-36.000.

Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, to Nippon Kayaku Kabushiki Kaisha. (Amido)N-substituted bleomycins, salts thereof and process for preparation thereof. 4,500,452, 2-19-85, Cl. 260-112.50R.

Umezawa, Hamao; Oono, Masaji; Ishihama, Hiroshi; Kyotani, Yoshinori; and Takahashi, Yoshio, to Kowa Co., Ltd. 3-alkylidine azetidine compound and their production. 4,511,509, 4-16-85, Cl. 260-239.00A.

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. N-[4-(3-Aminopropyl)-aminobutyl]-2-(ω0guanidino-fatty-acid-amido)-2-substituted-ethanamide and salt thereof. 4,518,532, 5-21-85, Cl. 260-404.500.

Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. N-[4-[(3-Aminopropyl)amino]butyl]02,2-dihydroxyethanamide. 4,518,802, 5-21-85, Cl. 564-201.000.

Umezawa, Hamao; Takeuchi, Tomio; and Kondo, Shinichi, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. (−)-15-Deoxyspergualin, process for the preparation thereof, and intermediate of the same. 4,525,299, 6-25-85, Cl. 260-112.50R.

Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. Spergualin-related compounds and process for the preparation thereof. 4,529,549, 7-16-85, Cl. 260-404.500.

Umezawa, Hamao; Takeuchi, Tomio; Ishizuka, Masaaki; Takita, Tomohisa; Shimada, Nobuyoshi; and Kato, Kuniki, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. 2′-Deoxyoxanosine. 4,530,998, 7-23-85, Cl. 536-24.000.

Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. Aminopropylaminobleomycin derivatives and process for preparation thereof. 4,537,880, 8-27-85, Cl. 514-19.000.

Umezawa, Hamao; Umezawa, Sumio; Tsuchiya, Tsutomu; Yoneta, Toshio; and Fukatsu, Shunzo, to Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai. 1-N-(ω-Amino-α-hydroxyalkanoyl-2′,3′-dideoxykanamycin A and pharmaceutical composition containing same. 4,547,492, 10-15-85, Cl. 514-41.000.

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Umezawa, Hamao; Takeuchi, Tomio; Hamada, Masa; Naganawa, Hiroshi; Sawa, Tsutomu; Uchida, Takeshi; and Imoto, Masaya, to Microbial Chemistry Research Foundation. Anthracycline compounds. 4,550,159, 10-29-85, Cl. 536-6.400.

Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, to Zaiden Hojin Biseibutsu Kagaku Kenkyu Kai. Spergualin-related compounds having a phenylene group as well as a process for producing the same. 4,556,735, 12-3-85, Cl. 564-157.000.

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Umezawa, Hamao: *See—*

Someno, Tetsuya; Kato, Kazuo; Saino, Tetsushi; Ishii, Shinichi; Takeuchi, Tomio; and Umezawa, Hamao, 4,525,465, Cl. 502-7.000.

Umezawa, Hidetsugu: *See—*

Kobayashi, Yasushi; and Umezawa, Hidetsugu, 4,538,649, Cl. 139-435.000.

Umezawa, Iwao; Komiyama, Kanki; and Takeshima, Hideo, to Kitasato Institute, The. Antibiotic stubomycin and process for the production thereof. 4,512,976, 4-23-85, Cl. 424-122.000.

Umezawa, Iwao; and Komiyama, Kanki, to Kitasato Institute, The. Proteinous substance KUD-PC and its production. 4,529,542, 7-16-85, Cl. 260-112.00R.

Umezawa, Iwao; and Komiyama, Kanki, to Kitasato Institute, The. Acidic polysaccharide CH-1 isolated from *Chlorella pyrenoidosa* and the use thereof. 4,533,548, 8-6-85, Cl. 514-54.000.

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Umezawa, Michio: *See—*

Kakeno, Sadao; Ameyama, Minoru; Ichikawa, Kenichi; Umezawa, Michio; and Yamaguchi, Tomoyuki, 4,524,365, Cl. 346-75.000.

Umezawa, Seiji: *See—*

Waki, Masahiko; Umezawa, Seiji; Takasugi, Tsuneji; Koide, Hiroshi; and Kasai, Takao, 4,496,248, Cl. 368-280.000.

Umezawa, Sumio: *See—*

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Umezono, Akimi; Kawasaki, Hironobu; Sato, Takashi; and Hayashi, Tomohiko, to Nippon Steel Corporation. Method for surface treatment of a magnetic amorphous alloy. 4,497,850, 2-5-85, Cl. 427-127.000.

- Umezu, Hiroaki: *See—*
  - Hanaoka, Tadashi; and Umezu, Hiroaki, 4,517,799, Cl. 62-323.100.
- Umezu, Kenji, to Tokyo Shibaura Denki Kabushiki Kaisha. Load control device for a heat-pump type air conditioning apparatus. 4,517,812, 5-21-85, Cl. 62-228.500.
- Umezu, Takashi: *See—*
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,501,705, Cl. 260-465.600.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,421, Cl. 260-465.600.
  - Matsui, Kanenobu; Uchiumi, Shinichiro; Iwayama, Akira; and Umezu, Takashi, 4,504,422, Cl. 260-465.600.
- Umino, Hiroshi: *See—*
  - Miyatake, Satoshi; Abe, Mitsuo; Kume, Masao; Yonemura, Shigehiro; and Umino, Hiroshi, 4,561,216, Cl. 51-165.920.
- Umino, Isamu: *See—*
  - Sogo, Hiroyuki; Ohsawa, Zenichi; Umino, Isamu; and Nishida, Haruki, 4,509,208, Cl. 455-317.000.
  - Yano, Yasuhiro; Umino, Isamu; Ohsawa, Zenichi; and Ozaki, Takayuki, 4,538,121, Cl. 331-25.000.
- Umino, Kaoru: *See—*
  - Hara, Sadao; Moritani, Hiroaki; Kaga, Hisashi; Minaki, Toshihiro; Shibata, Kenichi; Ogawa, Junichi; and Umino, Kaoru, 4,504,527, Cl. 427-318.000.
- Umino, Mitsugu, to Yoshida Kogyo K.K. Apparatus for manufacturing slide fastener having separable end stop. 4,495,695, 1-29-85, Cl. 29-767.000.
- Umlauf, Norbert. Chain bridle equipment for keeping metal strip tensions at a constant level. 4,527,723, 7-9-85, Cl. 226-172.000.
- Ummer, Jury E.: *See—*
  - Erme, Enn K.; Lepasaar, Tiit P.; Ummer, Jury E.; and Kink, Rein A., 4,523,845, Cl. 356-333.000.
- Umnyashkin, Vladimir A.: *See—*
  - Kosolapov, Gennady M.; Revin, Alexandr A.; Komarov, Jury Y.; Umnyashkin, Vladimir A.; Kondrashkin, Alexandr S.; and Sobolev, Jury A., 4,536,041, Cl. 303-119.000.
- Unagami, Takashi; and Tsujiyama, Bunjiro, to Nippon Telegraph & Telephone Public Corporation. AC Drive type electroluminescent display device. 4,528,480, 7-9-85, Cl. 315-169.100.
- Unangst, Paul C., to Warner-Lambert Company. Antiallergic 4H-furo[3,2-b]indoles. 4,503,236, 3-5-85, Cl. 548-430.000.
- Unarco Industries, Inc.: *See—*
  - Highsmith, Charles E., 4,496,061, Cl. 211-191.000.
  - Klein, Herbert H., 4,558,838, Cl. 248-235.000.
- UNASCO Pty. Limited: *See—*
  - Bentley, Herbert W., 4,548,960, Cl. 523-176.000.
- UNC Nuclear Industries, Inc.: *See—*
  - Boyce, William C.; Wittekind, Warren D.; Howard, Leroy C.; Hall, Thomas E.; and Lechelt, Wayne M., 4,510,573, Cl. 364-498.000.
- Under Sea Industries, Inc.: *See—*
  - Toth, Douglas J., 4,508,116, Cl. 128-204.260.
- Underberg, Emil E. J.; and Lembke, Andreas F., to Underberg-Handels AG. Process for improving the flavor and/or the mousseux of sparkling wines and sparkling wines produced according to said process. 4,504,496, 3-12-85, Cl. 426-11.000.
- Underberg-Handels AG: *See—*
  - Underberg, Emil E. J.; and Lembke, Andreas F., 4,504,496, Cl. 426-11.000.
- Underhill, Kenneth R., to Sperrv Corporation. In-line rectangular baler. 4,514,968, 5-7-85, Cl. 56-341.000.
- Underhill, Kenneth R., to Sperry Corporation. Actuator mechanism for continuous roll baling machine. 4,534,285, 8-13-85, Cl. 100-88.000.
- Underhill, Kenneth R.: *See—*
  - Walker, James D.; Underhill, Kenneth R.; and Campbell, Willis R., 4,517,889, Cl. 100-5.000.
- Underhill, Michael J., to U.S. Philips Corporation. Jitter reduction circuit for frequency synthesizer. 4,536,718, 8-20-85, Cl. 331-16.000.
- Underhill, Michael J.: *See—*
  - Jordan, Peter A.; and Underhill, Michael J., 4,503,405, Cl. 332-18.000.
- Underwood, Gene E. Separator. 4,519,848, 5-28-85, Cl. 134-34.000.
- Underwood, J. Larry. Mold, process of molding, and article molded by such process. 4,521,367, 6-4-85, Cl. 264-318.000.
- Underwood, J. Larry. Mold permitting air ejection of a flanged article. 4,531,703, 7-30-85, Cl. 249-66.00A.
- Underwood, John D., to Monsanto Europe, S.A. Apparatus and method for multiaxial impact testing of materials. 4,537,060, 8-27-85, Cl. 73-12.000.
- Underwood, Lance D., to Smith International, Inc. Grease pump for sealed bearing rotary cone rock bits. 4,501,338, 2-26-85, Cl. 175-229.000.
- Underwood, Mark R., to Probe Adventures, Inc. Axial flow combine. 4,535,787, 8-20-85, Cl. 130-27.00T.
- Underwood, Richard H.; and Todd, William H., to Westinghouse Electric Corp. Seismic restraint means for a nuclear radiation detector mounted in a tubular thimble. 4,504,437, 3-12-85, Cl. 376-153.000.
- Underwood, Stephen C.; and Mullen, John T. Leaf caddy. 4,561,480, 12-31-85, Cl. 150-49.000.
- Undheim, Kjell: *See—*
  - Benneche, Tore; Strande, Per; and Undheim, Kjell, 4,539,324, Cl. 514-274.000.
- Undin, Hans; and Wiener, Hans, to C. A. Weidmuller GmbH & Co. Tool for removing insulation. 4,526,068, 7-2-85, Cl. 81-9.400.
- Undin, Hans: *See—*
  - Wiener, Hans; and Undin, Hans, 4,492,026, Cl. 30-90.900.
  - Wiener, Hans; and Undin, Hans, 4,526,070, Cl. 81-361.000.
  - Wiener, Hans; and Undin, Hans, 4,542,668, Cl. 81-355.000.
- Une, Misuho: *See—*
  - Mosbach, Erwin H.; Une, Misuho; and McSherry, Charles K., 4,545,938, Cl. 260-397.100.
- Uneback, Hans I.: *See—*
  - Alvryd, Karl B. G.; Elsby, Leif E.; and Uneback, Hans I., 4,548,647, Cl. 106-164.000.
- Uneek Cap and Door, Inc.: *See—*
  - Wentzel, Harold G., 4,511,173, Cl. 296-156.000.
- Unemi, Norio: *See—*
  - Fujii, Setsuro; Unemi, Norio; and Takeda, Setsuo, 4,507,301, Cl. 514-274.000.
- Unevama, Kenji: *See—*
  - Torii, Sigeru; Uneyama, Kenji; Tanaka, Hideo; Nokami, Junzo; Shiroi, Takashi; and Saito, Norio, 4,532,077, Cl. 260-245.400.
- Uneyama, Yoshihisa: *See—*
  - Iwata, Hiroshi; Takebayashi, Masahiro; Sakazume, Akio; Uneyama, Yoshihisa; Sekigami, Kazuo; Tagawa, Shigetaro; and Sugiyama, Masahiko, 4,561,829, Cl. 417-368.000.
- Unganz, Peter: *See—*
  - Neumann, Manfred; Morgner, Henry; Forster, Harry; Jasch, Gunter; Kunack, Wilfried; Godenschweg, Martin; and Unganz, Peter, 4,532,888, Cl. 118-718.000.
- Ungar, Israel S.; Scher, Herbert I.; and O'Neill, Nelson L., to Nevamar Corporation. Transfer coating of abrasion-resistant layers. 4,517,235, 5-14-85, Cl. 428-148.000.
- Ungar, Israel S.; Scher, Herbert I.; and O'Neill, Nelson L., to Nevamar Corporation. Transfer coating of abrasion-resistant layers. 4,520,062, 5-28-85, Cl. 428-148.000.
- Ungar, Israel S.: *See—*
  - O'Dell, Robin D.; Ungar, Israel S.; and Scher, Herbert I., 4,499,137, Cl. 428-211.000.
  - O'Dell, Robin D.; Ungar, Israel S.; and Scher, Herbert I., 4,532,170, Cl. 428-143.000.
- Ungarean, Gary L.; and Yarwood, John C., to Olin Corporation. Infrared imaging for electromagnetic casting. 4,522,247, 6-11-85, Cl. 164-150.000.
- Ungarean, Gary L.: *See—*
  - Dantzig, Jonathan A.; Sevier, Peter E.; and Ungarean, Gary L., 4,523,624, Cl. 164-454.000.
  - Kindlmann, Peter J.; Yarwood, John C.; Ungarean, Gary L.; and Tyler, Derek E., 4,495,981, Cl. 164-452.000.
  - Kindlmann, Peter J.; Ungarean, Gary L.; Yarwood, John C.; and Tyler, Derek E., 4,495,983, Cl. 164-452.000.
- Ungchusri, Tep; and Jakubowski, William J., to FMC Corporation. Valve stem packing. 4,527,806, 7-9-85, Cl. 277-124.000.
- Unger, Eberhart; and Heitkamp, Herbert, to Gewerkschaft Eisenhutte Westfalia. Hydraulic control means for pipe thrust-jacking apparatus. 4,558,629, 12-17-85, Cl. 91-29.000.
- Unger, Goetz W., to Knoll International, Inc. Webbing tensioning method. 4,516,305, 5-14-85, Cl. 29-448.000.
- Unger, Gregor: *See—*
  - Raisig, Hermann; Unger, Gregor; and Wirbser, Oscar, 4,547,652, Cl. 219-121.0LD.
- Unger, Harold: *See—*
  - Michel, Thomas J., 4,517,963, Cl. 128-6.000.
- Unger, John D., to Motorola, Inc. Frequency synthesizers adaptive loop filter with compensation for transients. 4,546,329, 10-8-85, Cl. 331-16.000.
- Unger, Kim N.; Tibbals, Rory L.; and Smeltzer, Dennis V., to Thiotech, Inc. Flotation collectors and methods. 4,507,198, 3-26-85, Cl. 209-166.000.
- Unger, Kim N.: *See—*
  - Tibbals, Rory L.; and Unger, Kim N., 4,530,758, Cl. 209-166.000.
- Unger, Manfred: *See—*
  - Moraw, Roland; Unger, Manfred; and Walter, Helmut, 4,560,426, Cl. 156-64.000.
- Unger, Stefan H.: *See—*
  - Muchowski, Joseph M.; and Unger, Stefan H., 4,560,699, Cl. 514-413.000.
  - Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., 4,512,990, Cl. 514-225.000.
  - Nelson, Peter H.; Ringold, Howard J.; Unger, Stefan H.; and Thieme, Thomas R., 4,536,503, Cl. 514-255.000.
- Uni-Cardan Aktiengesellschaft: *See—*
  - Krude, Werner, 4,493,676, Cl. 464-141.000.
  - Krude, Werner, 4,511,344, Cl. 464-139.000.
  - Krude, Werner, 4,516,959, Cl. 464-175.000.
  - Krude, Werner, 4,529,254, Cl. 301-124.00R.
  - Krude, Werner, 4,536,038, Cl. 301-124.00R.
  - Krude, Werner, 4,540,385, Cl. 464-113.000.
  - Krude, Werner, 4,549,873, Cl. 464-141.000.
  - Krude, Werner, 4,551,116, Cl. 464-97.000.
  - Krude, Werner; Muller, Karl-Heinz; and Welschof, Hans-Heinrich, 4,556,400, Cl. 464-181.000.
  - Petrzelka, Miloslav; and Taureg, Herbert, 4,512,679, Cl. 403-57.000.
- Uni-Charm Corporation: *See—*
  - Suzuki, Migaku; Ochi, Mitsuzo; and Nozaki, Satoshi, 4,525,229, Cl. 156-161.000.
  - Suzuki, Migaku; Kobayashi, Toshio; Sasaki, Satoshi; and Imai, Shigeo, 4,532,173, Cl. 428-218.000.
- Uni-Energy Systems, Inc.: *See—*
  - Olivera, Wallace, 4,528,947, Cl. 123-3.000.

- Uni-Pump, Inc.: *See—*
  - Zuehlsdorf, James J., 4,496,077, Cl. 222-61.000.
- Unibody Time Saver Corporation: *See—*
  - Reich, George, 4,516,423, Cl. 72-422.000.
- UNICAL S.p.A.: *See—*
  - Jahier, Giovanni, 4,516,534, Cl. 122-15.000.
- Unico, Inc.: *See—*
  - Beck, Thomas L.; and Lawson, Donald B., 4,491,777, Cl. 318-571.000.
- Uniden Corporation of America: *See—*
  - Stevens, James C.; and Haynes, James R., 4,523,058, Cl. 179-84.00T.
- Uniden Corporation of Japan: *See—*
  - Yamazaki, Kenji; and Maeda, Kazuo, 4,511,761, Cl. 179-2.0EA.
- Uniderm Farmaceutici s.n.c.: *See—*
  - Chiozza, Enrico, 4,553,536, Cl. 128-130.000.
- Unie van Kunstmestfabrieken B.V.: *See—*
  - Jonckers, Kees; Van Nassau, Petrus J. M.; and Biermans, Andreas J., 4,539,077, Cl. 203-49.000.
  - van Nassau, Petrus J. M.; Biermans, Andreas J.; Jonckers, Kees; and de Cooker, Mario G. R. T., 4,540,813, Cl. 564-71.000.
- Unifoam AG: *See—*
  - Vreenegoor, Nicholas C., 4,530,807, Cl. 264-51.000.
- Unifos Kemi AB: *See—*
  - Olsson, Stefan; and Widenback, Ralph, 4,511,530, Cl. 264-564.000.
- Unigovsky, Mikhail R.: *See—*
  - Paton, Boris E.; Scherbina, Boris E.; Lebedev, Vladimir K.; Ivantsov, Oleg M.; Kuchuk-Yatsenko, Sergei I.; Sakharnov, Vasily A.; Galyan, Boris A.; Serafin, Orest M.; Krivorotenko, Valentin I.; Unigovsky, Mikhail R.; Solodovnikov, Sergei A.; and Rulevsky, Evgeny V., 4,549,060, Cl. 219-59.100.
- Unimation, Inc.: *See—*
  - Dunne, Maurice J., 4,510,428, Cl. 318-632.000.
  - Masaki, Ichiro; Shulman, Burt H.; and Gorman, Robert R., 4,492,847, Cl. 219-124.340.
  - Masaki, Ichiro, 4,547,800, Cl. 358-107.000.
  - Shulman, Burt H., 4,555,613, Cl. 219-124.340.
- Union Camp Corporation: *See—*
  - Bull, William R.; and Spottiswood, David J., 4,529,507, Cl. 209-166.000.
  - Frihart, Charles R.; and Veazey, Richard L., 4,515,939, Cl. 528-339.300.
  - Hollis, Samuel D., 4,497,931, Cl. 524-570.000.
  - Lawson, Nelson E.; and Amer, Gamal I., 4,495,095, Cl. 260-97.700.
  - Lewis, Harry D., 4,556,427, Cl. 106-20.000.
  - Mitchell, Peter W. D., 4,521,608, Cl. 549-397.000.
  - Mitchell, Peter W. D., 4,521,627, Cl. 564-511.000.
  - Olechowski, Jerome R., 4,536,333, Cl. 260-99.500.
  - Pavlin, Mark S., 4,503,267, Cl. 568-753.000.
  - Peck, Michael C., 4,514,540, Cl. 524-514.000.
  - Robinson, William M., 4,557,385, Cl. 206-620.000.
- Union Carbide Canada Limited: *See—*
  - Brema, Robert J.; Adamson, Gerald J.; Poissant, Philip L.; and Cleminson, John H., 4,498,660, Cl. 256-19.000.
  - Fairlamb, George R., 4,527,587, Cl. 137-329.300.
- Union Carbide Corporation: *See—*
  - Abatjoglou, Anthony G.; and Bryant, David R., 4,491,675, Cl. 568-454.000.
  - Abatjoglou, Anthony G.; and Bryant, David R., 4,518,805, Cl. 568-444.000.
  - Abatjoglou, Anthony G.; and Billig, Ernst, 4,522,933, Cl. 502-161.000.
  - Aceto, Roger, 4,535,508, Cl. 17-49.000.
  - Acharya, Arun; and BeVier, William E., 4,526,877, Cl. 502-60.000.
  - Acomb, Byron H., 4,516,595, Cl. 137-73.000.
  - Agrawal, Balkishan, 4,551,175, Cl. 75-513.000.
  - Alberto, Vicente S. D., 4,560,632, Cl. 429-196.000.
  - Amstutz, Gary A.; and Mayekar, Kishor D., 4,536,322, Cl. 252-301.160.
  - Anderson, John E., 4,541,796, Cl. 431-187.000.
  - Anthony, John, 4,513,038, Cl. 428-35.000.
  - Atkins, Kenneth E., 4,491,642, Cl. 523-515.000.
  - Atkins, Kenneth E.; and Gentry, Robert R., 4,525,498, Cl. 523-511.000.
  - Atkins, Kenneth E., 4,555,534, Cl. 523-507.000.
  - Bailey, John C., 4,516,317, Cl. 29-623.500.
  - Barber, Alan G., 4,524,158, Cl. 523-130.000.
  - Barber, Alan G., 4,524,159, Cl. 523-177.000.
  - Barber, Alan G., 4,540,143, Cl. 134-2.000.
  - Barnabeo, Austin E., 4,514,545, Cl. 525-330.400.
  - Barnabeo, Austin E.; and Keogh, Michael J., 4,524,201, Cl. 528-395.000.
  - Barnabeo, Austin E., 4,551,504, Cl. 525-333.900.
  - Barth, Bruce P.; and Mallon, Charles B., 4,558,095, Cl. 525-57.000.
  - Beckman, John H., 4,512,059, Cl. 17-45.000.
  - Beckman, John H.; Haettinger, George C.; and Kupcikevicius, Vytautas, 4,550,471, Cl. 17-1.00R.
  - Beddome, Robert A.; and Cheung, Harry, 4,560,398, Cl. 62-29.000.
  - Beran, Debra L.; Cann, Kevin J.; Jorgensen, Robert J.; Karol, Frederick J.; Maraschin, Norma J.; and Marcinkowsky, Arthur E., 4,508,842, Cl. 502-112.000.
  - BeVier, William E., 4,511,375, Cl. 55-28.000.
  - Breck, Donald W., deceased; Blass, Harold, executor; and Skeels, Gary W., 4,503,023, Cl. 423-328.000.
  - Broady, Floyd J.; and Jasek, J. Rondal, 4,534,887, Cl. 252-503.000.
  - Brod, William B.; Coppala, George H.; and Olds, Delbert L., 4,557,904, Cl. 422-146.000.
  - Burns, Richard J.; Willeboordse, Friso G.; and Cohen, Martin F., 4,560,410, Cl. 106-2.000.
  - Bushey, Dean F.; and D'Silva, Themistocles D. J., 4,525,357, Cl. 514-258.000.
  - Cain, Paul A., 4,521,426, Cl. 514-346.000.
  - Chan, John K., 4,517,132, Cl. 260-465.00F.
  - Chao, Chien C.; and Sherman, John D., 4,516,566, Cl. 127-46.300.
  - Chao, Chien C.; and Sherman, John D., 4,544,778, Cl. 568-872.000.
  - Cheung, Harry, 4,560,397, Cl. 62-28.000.
  - Chiu, Herman S., 4,505,939, Cl. 426-135.000.
  - Chiu, Herman S., 4,518,619, Cl. 426-265.000.
  - Chiu, Herman S., 4,525,397, Cl. 428-36.000.
  - Chiu, Herman S., 4,532,141, Cl. 426-250.000.
  - Chou, David T.; Durden, John A.; and D'Silva, Themistocles D. J., 4,540,578, Cl. 514-349.000.
  - Chow, Sui W.; and Smith, Donald F., Jr., 4,507,363, Cl. 428-418.000.
  - Churma, Theodore; Latimer, Elwood D., Jr.; and Vicik, Stephen J., 4,515,745, Cl. 264-211.000.
  - Coleman, Larry M.; and Tambo, William, 4,519,999, Cl. 423-337.000.
  - Collier, Joseph A., 4,560,813, Cl. 568-872.000.
  - Colon, Ismael, 4,496,700, Cl. 526-111.000.
  - Corcoran, Richard J.; Kopf, Peter W.; and Smith, Donald F., Jr., 4,556,693, Cl. 525-162.000.
  - Corwin, Michael A.; and Foster, George N., 4,540,538, Cl. 264-211.000.
  - Coughlin, Peter K.; and Rabo, Jule A., 4,556,645, Cl. 502-66.000.
  - Crabtree, Grace Y., 4,539,271, Cl. 429-94.000.
  - Craver, Joseph N., 4,505,970, Cl. 428-213.000.
  - Craver, Joseph N.; and Horner, Jerome T., 4,511,609, Cl. 428-35.000.
  - Crowley, Harris L., Jr.; and Coyle, Everett T., Jr., 4,561,041, Cl. 361-433.000.
  - Dehm, David C.; Hoy, Kenneth L.; and Hoy, Richard C., 4,496,708, Cl. 528-76.000.
  - Derderian, Edmond J., 4,541,836, Cl. 44-53.000.
  - Dickinson, Barry L., 4,532,305, Cl. 525-390.000.
  - Dombek, Bernard D., 4,540,712, Cl. 518-700.000.
  - Domeier, Linda A., 4,524,162, Cl. 523-438.000.
  - D'Silva, Themistocles D. J., 4,496,721, Cl. 544-58.200.
  - D'Silva, Themistocles D. J., 4,514,392, Cl. 514-148.000.
  - D'Silva, Themistocles D. J., 4,551,472, Cl. 514-477.000.
  - Durden, John A.; and D'Silva, Themistocles D. J., 4,496,591, Cl. 514-477.000.
  - Eagar, Robert G., Jr.; and Murphy, Gerald J., 4,491,676, Cl. 568-449.000.
  - Evans, William P., 4,536,456, Cl. 429-194.000.
  - Evans, William P., 4,541,172, Cl. 29-623.100.
  - Fan, You-Ling; Chu, Nan S.; Brode, George L.; and Rosen, Meyer R., 4,529,782, Cl. 526-240.000.
  - Faulring, Gloria M., 4,511,400, Cl. 75-129.000.
  - Fletcher, Michael B., 4,492,587, Cl. 23-293.00R.
  - Forte, Paulino, 4,498,980, Cl. 208-321.000.
  - Foster, George N.; and Metzler, Richard B., 4,535,113, Cl. 524-262.000.
  - Frey, Paul H., 4,528,719, Cl. 17-49.000.
  - Fu, Wallace Y., 4,495,093, Cl. 260-453.300.
  - Fuderer, Andrija, 4,499,208, Cl. 502-415.000.
  - Fuderer, Andrija, 4,512,780, Cl. 55-26.000.
  - Fuderer, Andrija, 4,553,981, Cl. 48-62.00R.
  - Fulks, Bernard D.; Sawin, Steven P.; Aikman, Collin D.; and Jenkins, John M., III, 4,532,311, Cl. 526-62.000.
  - Gardner, Hugh C.; Michno, Michael J., Jr.; and Brode, George L., 4,517,321, Cl. 523-400.000.
  - Gardner, Hugh C., 4,522,977, Cl. 525-48.000.
  - Gardner, Hugh C., 4,522,978, Cl. 525-48.000.
  - Gardner, Hugh C., 4,532,296, Cl. 525-48.000.
  - Gardner, Hugh C., 4,532,297, Cl. 525-48.000.
  - Garska, Daniel C.; and Lok, Brent M., 4,499,315, Cl. 585-415.000.
  - Garska, Daniel C.; and Tellis, Cyril B., 4,499,316, Cl. 585-415.000.
  - Gioffre, Anthony J., 4,526,583, Cl. 8-137.000.
  - Glass, Joseph E., Jr., 4,561,985, Cl. 252-8.50A.
  - Goddard, John B.; and Johnson, William N., 4,508,701, Cl. 423-61.000.
  - Goddard, John B.; and Merkert, Rodney F., 4,562,057, Cl. 423-409.000.
  - Godlewski, Robert E., 4,542,174, Cl. 523-508.000.
  - Golembeski, Nancy M.; Jorgensen, Robert J.; Cleland, Robert D.; and Noshay, Allen, 4,503,203, Cl. 526-159.000.
  - Gross, Laurence H.; and Noshay, Allen, 4,560,671, Cl. 502-105.000.
  - Harris, James E.; and Robeson, Lloyd M., 4,520,067, Cl. 428-323.000.
  - Harrison, Arnold M.; and Kaplan, Leonard, 4,562,272, Cl. 549-352.000.
  - Hartsing, Tyler F., Jr., 4,503,168, Cl. 523-100.000.
  - Herdle, William B., 4,503,250, Cl. 564-479.000.
  - Herdle, William B., 4,552,961, Cl. 544-402.000.
  - Hill, Clifford W., 4,543,461, Cl. 219-75.000.
  - Hodakowski, Leonard E.; and Ayad, Hafez M., 4,496,493, Cl. 260-940.000.
  - Howard, Ronald A.; and Sirocky, Paul S., 4,529,672, Cl. 429-42.000.

Jackson, John E.; Adler, Thomas A.; Quets, Jean M.; and Tucker, Robert C., Jr., 4,519,840, Cl. 106-1.050.
Jenkins, John M., III; Jones, Russell L.; Jones, Thomas M.; and Beret, Samil, 4,543,399, Cl. 526-70.000.
Johnson, Robert N.; and Karol, Frederick J., 4,540,758, Cl. 526-130.000.
Kaiser, Steven W., 4,499,327, Cl. 585-640.000.
Kaiser, Steven W., 4,524,234, Cl. 585-638.000.
Kaiser, Steven W., 4,527,001, Cl. 585-643.000.
Kamp, Ewald A., 4,513,445, Cl. 383-87.000.
Kamp, Ewald A., 4,516,268, Cl. 383-63.000.
Kamp, Ewald A., 4,540,537, Cl. 264-171.000.
Kamp, Ewald A., 4,561,108, Cl. 383-63.000.
Kanner, Bernard; Hopper, Steven P.; and Sepelak, Dennis J., 4,496,754, Cl. 556-420.000.
Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Hopper, Steven P., 4,556,725, Cl. 556-442.000.
Kanner, Bernard; Quirk, Jennifer M.; De Monte, Arthur P.; and Mehta, Kunj R., 4,558,146, Cl. 556-410.000.
Kawakami, James H.; See, Benito; Jones, Thomas R.; and Maresca, Louis M., 4,520,168, Cl. 525-169.000.
Kawakami, James H.; and Maresca, Louis M., 4,558,106, Cl. 526-216.000.
Keogh, Michael J., 4,526,930, Cl. 525-105.000.
Keogh, Michael J., 4,544,760, Cl. 556-40.000.
Keogh, Michael J., 4,552,941, Cl. 528-16.000.
Keshavan, Madapusi K.; and Weatherly, Merle H., 4,526,618, Cl. 106-1.050.
Kilgour, John A.; and Petty, Herbert E., 4,526,996, Cl. 556-413.000.
Kirkpatrick, Robert D.; and Weiler, David W., 4,499,035, Cl. 261-114.0JP.
Knopf, Robert J.; and Drake, Kenneth, 4,528,334, Cl. 525-404.000.
Koerwer, John F., 4,498,920, Cl. 71-66.000.
Koleske, Joseph V.; Peacock, Glenn S.; and Kwiatkowski, George T., 4,555,449, Cl. 428-411.100.
Kopf, Peter W.; and Merriam, Charles N., 4,559,247, Cl. 427-386.000.
Kortovich, James W.; and Micinski, Eugene, 4,534,951, Cl. 423-448.000.
Kulkarni, Ravi D.; Goddard, E. Desmond; and Aronson, Michael P., 4,514,319, Cl. 252-321.000.
Kupcikevicius, Vytautas, 4,516,387, Cl. 53-530.000.
Kupcikevicius, Vytautas, 4,521,938, Cl. 17-49.000.
Kupcikevicius, Vytautas; and Raudys, Vytas, 4,551,884, Cl. 17-49.000.
Kurtz, Stuart J.; and Potts, James E., 4,525,257, Cl. 204-159.200.
Lee, Kiu H.; and Cieloszyk, Gary S., 4,521,573, Cl. 526-125.000.
Litz, Lawrence M., 4,544,207, Cl. 299-5.000.
Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., 4,500,651, Cl. 502-208.000.
Lok, Brent M. T.; Marcus, Bonita K.; and Flanigen, Edith M., 4,551,236, Cl. 208-112.000.
Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., 4,512,875, Cl. 208-114.000.
Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., 4,528,414, Cl. 585-514.000.
Long, Gary N.; Pellet, Regis J.; and Rabo, Jule A., 4,534,853, Cl. 208-120.000.
Long, Noel V.; and Mierke, Charles H., 4,520,430, Cl. 361-433.000.
Lustig, Stanley; Schuetz, Jeffrey M.; and Vicik, Stephen J., 4,547,413, Cl. 428-35.000.
Malay, Manuel R., 4,539,269, Cl. 429-54.000.
Manning, David T., 4,537,616, Cl. 71-92.000.
Maresca, Louis M., 4,499,257, Cl. 528-173.000.
Maresca, Louis M., 4,544,705, Cl. 525-132.000.
Matulewicz, William N.; Mohr, Paul H.; and Matlock, Paul L., 4,514,315, Cl. 252-75.000.
Matzner, Markus; and Papuga, Donald M., 4,536,543, Cl. 525-68.000.
Matzner, Markus; and Papuga, Donald M., 4,536,544, Cl. 525-68.000.
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Mayer, Walter P.; and Burns, Richard J., 4,511,682, Cl. 523-402.000.
McCain, James H., 4,524,236, Cl. 585-658.000.
McCullough, John G.; and Barr, Kenneth J., 4,502,979, Cl. 252-389.00R.
McDaniel, Roger L., Jr.; Portzer, Jeffrey W.; and Zaiko, Edward J., 4,562,260, Cl. 548-141.000.
Mehta, Aspy K., 4,510,078, Cl. 252-510.000.
Mellors, Geoffrey W., 4,549,943, Cl. 204-96.000.
Mercuri, Robert A.; and Criscione, John M., 4,526,834, Cl. 428-408.000.
Messina, Celeste A.; Lok, Brent M.; and Flanigen, Edith M., 4,554,143, Cl. 423-306.000.
Miller, Raymond H.; and VanKempema, Richard B., 4,541,798, Cl. 431-266.000.
Montgomery, Lionel C., 4,514,355, Cl. 264-332.000.
Nausedas, Joseph A., 4,501,542, Cl. 425-133.100.
Nausedas, Joseph A., 4,519,504, Cl. 206-554.000.
Nausedas, Joseph A., 4,541,226, Cl. 53-459.000.
Nausedas, Joseph A.; and Beckman, John H., 4,545,091, Cl. 17-49.000.
Nausedas, Joseph A., 4,551,370, Cl. 428-36.000.
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Nicholson, Myron D., 4,496,595, Cl. 426-284.000.
Nicholson, Myron D.; and Chiu, Herman S., 4,500,576, Cl. 428-36.000.
Nicholson, Myron D., 4,504,501, Cl. 426-284.000.
Nicholson, Myron D., 4,504,507, Cl. 426-533.000.
Nicholson, Myron D.; and Chiu, Herman S., 4,511,613, Cl. 428-36.000
Nicholson, Myron D.; and Beckman, John H., 4,540,613, Cl. 428-36.000.
Nielsen, Kenneth A., 4,560,451, Cl. 204-79.000.
Nowobilski, Jeffert J.; and Owens, William J., 4,496,633, Cl. 428-426.000.
Nowobilski, Jeffert J.; and Owens, William J., 4,514,450, Cl. 428-120.000.
Nowobilski, Jeffert J.; and Kather, Kenneth C., 4,515,397, Cl. 285-47.000.
Nowobilski, Jeffert J.; and Owens, William J., 4,537,820, Cl. 428-285.000.
Nowobilski, Jeffert J.; and Acharya, Arun, 4,561,498, Cl. 165-160.000.
O'Connor, Michael C.; and Hann, George W., 4,535,904, Cl. 215-215.000.
Pahade, Ravindra F., 4,501,600, Cl. 62-28.000.
Papa, Anthony J., 4,528,405, Cl. 568-463.000.
Papa, Anthony J.; and Kaiser, Steven W., 4,535,187, Cl. 568-353.000.
Park, Hyun D.; and Brown, Arthur E., 4,550,088, Cl. 501-135.000.
Pickwell, Robert J.; and Osterholtz, Frederick D., 4,526,922, Cl. 524-445.000.
Pickwell, Robert J.; and Osterholtz, Frederick D., 4,550,056, Cl. 428-391.000.
Pike, Reginald A., 4,557,735, Cl. 55-26.000.
Pines, Arthur N.; and Sabia, Angelo J., 4,504,549, Cl. 428-447.000.
Pohl, Eric R., 4,548,842, Cl. 427-407.200.
Potts, James E., 4,503,098, Cl. 427-394.000.
Prakash, Sri; and Snyder, William B., Jr., 4,517,155, Cl. 419-19.000.
Quirk, Jennifer M.; and Turner, Scot, 4,556,722, Cl. 556-413.000.
Ramamurthy, Arakalgud V., 4,522,776, Cl. 264-176.00R.
Ramamurthy, Arakalgud V., 4,552,712, Cl. 264-85.000.
Ramamurthy, Arakalgud V., 4,554,120, Cl. 264-85.000.
Raudys, Vytas A., 4,525,895, Cl. 17-1.00R.
Ream, Bernard C.; and Tellis, Cyril, 4,540,552, Cl. 423-226.000.
Reedy, James D.; and Walsh, John J., 4,556,726, Cl. 556-460.000.
Rifi, Mahmoud R., 4,493,924, Cl. 525-102.000.
Rifi, Mahmoud R., 4,560,731, Cl. 525-344.000.
Rimsa, Stephen B.; Harris, James E.; Chao, Herbert S.; and Maresca, Louis M., 4,550,140, Cl. 525-132.000.
Robeson, Lloyd M.; Harris, James E.; and Maresca, Louis M., 4,497,924, Cl. 524-151.000.
Robeson, Lloyd M.; and Lynn, John W., 4,503,121, Cl. 428-336.000.
Robeson, Lloyd M., 4,532,288, Cl. 524-375.000.
Robson, John H.; and Keller, George E., II, 4,551,566, Cl. 568-867.000.
Rosen, Meyer R.; Fan, You-Ling; and Chu, Nan S., 4,555,346, Cl. 210-734.000.
Ross, Ronald J.; and Sherman, John D., 4,556,550, Cl. 423-328.000.
Rotramel, George L.; Veilleux, Daniel P.; and Allen, Joseph L., 4,511,579, Cl. 514-490.000.
Salensky, George A., 4,529,756, Cl. 523-459.000.
Salensky, George A.; and Fry, John S., 4,544,688, Cl. 523-458.000.
Sara, Raymond V., 4,521,496, Cl. 428-551.000.
Sara, Raymond V., 4,559,270, Cl. 428-408.000.
Savich, Peter P., 4,557,713, Cl. 493-194.000.
Schilling, Curtis L., Jr.; Williams, Thomas C.; and Wesson, John P., 4,497,787, Cl. 423-345.000.
Senuma, Akitaka; and Aizawa, Takao, 4,499,210, Cl. 521-91.000.
Senuma, Akitaka; Shimizu, Yoshihiko; and Tsukada, Kiroku, 4,501,711, Cl. 264-54.000.
Severance, Wayne S., Jr.; and Rogers, George T., 4,521,666, Cl. 217-121.0PY.
Snyder, William J.; Miller, Raymond H.; and Kobayashi, Hisashi, 4,525,138, Cl. 431-187.000.
Spurr, Orson K., 4,532,274, Cl. 523-457.000.
Stamberger, Paul, 4,495,341, Cl. 528-110.000.
Stamberger, Paul, 4,524,157, Cl. 521-156.000.
Stamberger, Paul, 4,539,340, Cl. 521-157.000.
Taylor, Glenn A.; and Wolf, Philip F., 4,524,224, Cl. 568-858.000.
Totten, George E.; and Williams, Thomas C., 4,496,482, Cl. 534-577.000.
Urbutis, Algimantas P.; and Jagel, Peter H., 4,493,130, Cl. 17-49.000.
Urry, Lewis F., 4,507,370, Cl. 429-142.000.
van Lier, Johannes A.; and Yasuda, Hirotsugu, 4,503,133, Cl. 429-174.000.
Walter, Andrew T.; Bryant, George M.; and Readshaw, Ronald L., 4,562,097, Cl. 427-209.000.
Ward, Carl E.; and Berthold, Robert V., 4,497,650, Cl. 71-93.000.
Wary, John, 4,513,023, Cl. 427-54.100.
Weber, Robert J., Jr.; and Smith, Donald F., Jr., 4,504,635, Cl. 525-450.000.
Weber, Robert J., Jr., 4,524,183, Cl. 525-162.000.
Wegman, Richard W.; and Busby, David C., 4,511,741, Cl. 568-484.000.

  - Wegman, Richard W.; and Busby, David C., 4,513,151, Cl. 568-484.000.
  - Weiler, David W., 4,547,326, Cl. 261-114.00R.
  - Wheeler, Thomas N., 4,492,799, Cl. 562-506.000.
  - Wheeler, Thomas N.; and Weiden, Mathias H. J., 4,526,723, Cl. 260-410.500.
  - Wheeler, Thomas N., 4,551,547, Cl. 560-255.000.
  - Williams, Thomas C., 4,526,954, Cl. 528-15.000.
  - Wood, Edgar A., 4,545,513, Cl. 222-632.000.
  - Yasuda, Hirotsugu; and van Lier, Johannes A., 4,501,805, Cl. 429-174.000.
  - Yerushalmy, Yosef; and Stokes, Larry W., 4,517,437, Cl. 219-121.0PP.
  - Young, John K.; and Barthel, Alfred, 4,495,775, Cl. 62-48.000.
  - Zupancic, Ronald L., 4,529,673, Cl. 429-53.000.
  - Zupancic, Ronald L.; and Urry, Lewis F., 4,532,705, Cl. 29-623.200.
- Union de Brasseries: *See—*
  - Bonnome, Jean-Pierre, 4,532,140, Cl. 426-13.000.
- Union, Elias J., to J. C. & D Enterprises, Inc. Paper support bar with rotation resistant support fingers. 4,550,904, 11-5-85, Cl. 271-198.000.
- Union Gas Limited: *See—*
  - Sewell, John S.; McColl, Frederick A.; and Petkoff, Peter M., 4,497,332, Cl. 137-15.000.
- Union Industrial y Agroganadera, S.A. (UNIASA): *See—*
  - Gil, Angel; and Valverde, Luis, 4,544,559, Cl. 426-72.000.
- Union Nationale des Cooperatives Agricoles de Transformation de la Betterave: *See—*
  - Ponant, Jacques, 4,555,270, Cl. 127-44.000.
- Union Oil Company of California: *See—*
  - Aldorf, Henry E., 4,507,214, Cl. 252-18.000.
  - Amend, William E., 4,513,947, Cl. 251-174.000.
  - Angmorter, Paul K.; Simpson, Howard D.; and Richardson, Ryden L., 4,513,097, Cl. 502-211.000.
  - Backlund, Peter S., 4,494,976, Cl. 71-28.000.
  - Bertram, Rick V., 4,519,874, Cl. 201-39.000.
  - Biale, John, 4,544,699, Cl. 524-512.000.
  - Croudace, Michael C., 4,525,174, Cl. 44-68.000.
  - Deering, Roland F., 4,515,679, Cl. 208-11.00R.
  - Deering, Roland F.; and Duir, John H., 4,523,979, Cl. 202-99.000.
  - Deering, Roland F.; Gowdy, Hugh W.; and Kelley, Arnold E., 4,530,752, Cl. 208-11.00R.
  - Deering, Roland F.; and Duir, John H., 4,551,206, Cl. 202-99.000.
  - Deering, Roland F.; Hines, John E.; and Dhondt, Roland O., deceased, 4,556,458, Cl. 202-227.000.
  - Delaney, Dennis D.; and Fenton, Donald M., 4,496,534, Cl. 423-573.00R.
  - Delaney, Dennis D., 4,532,117, Cl. 423-226.000.
  - Dovan, Hoai T.; and Hutchins, Richard D., 4,534,412, Cl. 166-295.000.
  - Fenton, Donald M.; Delaney, Dennis D.; and Bingham, F. Emmett, 4,508,537, Cl. 23-293.00S.
  - Fenton, Donald M., 4,532,044, Cl. 210-660.000.
  - Fenton, Donald M., 4,540,836, Cl. 568-902.000.
  - Fenton, Donald M., 4,551,237, Cl. 208-251.00R.
  - Gallup, Darrell L.; and Featherstone, John L., 4,522,728, Cl. 210-714.000.
  - Gallup, Darrell L.; and Jost, John W., 4,537,684, Cl. 210-696.000.
  - Griswold, Charles F.; and Christolini, Ben A., Jr., 4,543,894, Cl. 110-347.000.
  - Harbolt, Bruce A.; and Sands, Rodney T., 4,528,919, Cl. 111-7.000.
  - Hass, Robert H.; and Ward, John W., 4,528,277, Cl. 502-79.000.
  - Ho, Phillman N., 4,533,460, Cl. 208-11.0LE.
  - Holstedt, Richard A.; Baron, Kenneth; and Jessup, Peter J., 4,511,516, Cl. 260-462.00R.
  - Holstedt, Richard A.; and Jessup, Peter J., 4,533,480, Cl. 252-46.400.
  - Holstedt, Richard A.; and Jessup, Peter J., 4,557,843, Cl. 252-46.400.
  - Hsieh, Wen-Ching; and Koepke, Jeffery W., 4,530,400, Cl. 166-273.000.
  - Hucke, Edward E., 4,503,215, Cl. 528-232.000.
  - Hucke, Edward E., 4,548,957, Cl. 521-77.000.
  - Jost, John W.; and Gallup, Darrell L., 4,500,434, Cl. 210-696.000.
  - Kay, D. Alan R.; and Wilson, William G., 4,507,149, Cl. 75-58.000.
  - Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., 4,521,278, Cl. 201-17.000.
  - Kelley, Arnold E.; Block, Michael J.; and Skripek, Milan R., 4,545,859, Cl. 201-17.000.
  - Lutzens, William W., 4,514,905, Cl. 33-125.00B.
  - Marsh, Glenn A., 4,506,540, Cl. 73-29.000.
  - Marsh, Glenn A.; and Buhl, Robert F., 4,541,278, Cl. 73-592.000.
  - Marsh, Glenn A., 4,544,465, Cl. 204-148.000.
  - Miller, Alex E., 4,514,379, Cl. 423-228.000.
  - Miller, Alex E., 4,542,032, Cl. 426-319.000.
  - Miller, Robert E., 4,547,285, Cl. 208-89.000.
  - Moorehead, Eric L., 4,496,784, Cl. 585-486.000.
  - Moorehead, Eric L., 4,562,269, Cl. 549-259.000.
  - Pye, David S.; Ash, Donald L.; and Rardin, Robert W., 4,498,543, Cl. 166-376.000.
  - Robinson, Paul R.; and Moorehead, Eric L., 4,555,584, Cl. 585-623.000.
  - Sandiford, Burton B.; Fett, E. Reinold; and Bickford, Harold J., 4,501,324, Cl. 166-250.000.
  - Simpson, Howard D.; Richardson, Ryden L.; and Baron, Kenneth, 4,500,424, Cl. 208-216.0PP.
  - Simpson, Howard D.; Richardson, Ryden L.; and Angmorter, Paul K., 4,540,483, Cl. 208-216.0PP.
  - Simpson, Howard D., 4,548,710, Cl. 208-216.0PP.
  - Smithers, Richard; and May, Carl B., 4,506,982, Cl. 366-19.000.
  - Switzer, Jay A., 4,492,811, Cl. 136-255.000.
  - Switzer, Jay A., 4,495,046, Cl. 204-242.000.
  - Switzer, Jay A., 4,521,499, Cl. 429-111.000.
  - Tannahill, Clifton A., 4,556,342, Cl. 405-203.000.
  - Tilley, George L.; and Doty, Allen W., 4,497,785, Cl. 423-263.000.
  - Ward, John W.; and Carlson, Timothy L., 4,517,073, Cl. 208-111.000.
  - Ward, John W., 4,517,074, Cl. 208-111.000.
  - Watkins, David R.; and Kalfayan, Leonard J., 4,498,538, Cl. 166-295.000.
  - Watkins, David R.; Knight, Robert K.; Young, Donald C.; and Kalfayan, Leonard J., 4,549,609, Cl. 166-303.000.
  - Young, Dean A.; and Koepke, Jeffery W., 4,501,925, Cl. 585-467.000.
  - Young, Dean A.; and Koepke, Jeffery W., 4,513,158, Cl. 585-527.000.
  - Young, Dean A., 4,518,703, Cl. 502-63.000.
  - Young, Dean A.; and Koepke, Jeffery W., 4,548,705, Cl. 208-111.000.
  - Young, Donald C., 4,508,558, Cl. 71-30.000.
  - Young, Donald C., 4,512,813, Cl. 134-27.000.
  - Young, Donald C., 4,522,644, Cl. 71-78.000.
  - Young, Donald C.; and Green, James A., II, 4,551,167, Cl. 71-64.100.
  - Young, Donald C., 4,559,076, Cl. 71-29.000.
- Union Power Construction Company: *See—*
  - Waymire, Frank, 4,494,732, Cl. 254-134.30R.
- Union Siderurgique du Nord et de l'Est de la France (USINOR): *See—*
  - Bocquet, Jacques; and Werguin, Jean C., 4,548,653, Cl. 148-3.000.
  - Brun, Charles, 4,530,858, Cl. 427-320.000.
  - Lyskawa, Edmond; Roger, Paul; Marquis, Jean; and Canivez, Etienne, 4,545,860, Cl. 201-41.000.
  - Werquin, Jean C.; and Mercier, Bernard, 4,507,366, Cl. 428-682.000.
- Union Special Corporation: *See—*
  - Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., 4,528,922, Cl. 112-262.300.
  - Adamski, Maximillian; Jenkins, David C.; and Kosrow, Robert L., 4,530,295, Cl. 112-121.120.
  - Bernstein, Benjamin T.; Bock, Thomas J.; Toman, George M.; and Bhatia, Chandrakant, 4,516,512, Cl. 112-165.000.
  - Bhatia, Chandrakant; Toman, George M.; and Bock, Thomas J., 4,513,674, Cl. 112-220.000.
  - Kaufmann, Juergen, 4,492,174, Cl. 112-248.000.
  - Kosrow, Robert L.; and Talsma, Robert C., 4,519,331, Cl. 112-262.300.
  - Kosrow, Robert L.; and Yin, Chieh-Kung, 4,526,115, Cl. 112-262.300.
  - Kosrow, Robert L., 4,531,721, Cl. 270-45.000.
  - Toman, George M., 4,523,533, Cl. 112-199.000.
  - Wolff, James W.; Ruedisueli, James W.; and Schinke, Ralph, 4,522,136, Cl. 112-256.000.
- Union Special GmbH: *See—*
  - Jurgens, Erwin F., 4,553,492, Cl. 112-227.000.
  - Rohr, Gunter H., 4,512,268, Cl. 112-63.000.
  - von Hagen, Wolf R., 4,498,406, Cl. 112-256.000.
  - von Hagen, Wolf R., 4,526,119, Cl. 112-322.000.
- Union Tank Car Company: *See—*
  - Schlink, Lawrence J., 4,527,499, Cl. 105-358.000.
- Union Underwear Company, Inc.: *See—*
  - Bell, James D., 4,524,706, Cl. 112-121.290.
- Unipart Group Limited: *See—*
  - Lardner, Graham G., 4,534,407, Cl. 165-81.000.
  - Lardner, Graham G., 4,553,586, Cl. 165-76.000.
- Unique Energy Systems, Inc.: *See—*
  - Papineau, Ronald I., 4,547,356, Cl. 423-658.000.
- Unique Functional Products: *See—*
  - Law, Denny B., 4,500,113, Cl. 280-716.000.
  - Law, Denny B.; and Goettker, Bernhardt P., 4,514,132, Cl. 414-537.000.
  - Law, Denny B., 4,531,731, Cl. 272-145.000.
- Unique Oil Tools, Inc.: *See—*
  - Hooper, David W., 4,534,426, Cl. 175-65.000.
- Unique Technologies, Inc.: *See—*
  - Cardarelli, Nathan; and Cardarelli, Bernadette, 4,511,551, Cl. 424-1.100.
  - Cardarelli, Nathan F.; and Kanakkanatt, Sebastian V., 4,541,956, Cl. 260-397.100.
- Uniroyal Englebert Reifen GmbH: *See—*
  - Harms, Engelbert G., 4,538,917, Cl. 366-75.000.
  - Harms, Engelbert G.; Schmeitz, Axel W.; and Thomaschewski, Hubertus P., 4,551,362, Cl. 427-180.000.
- Uniroyal, Inc.: *See—*
  - Ahnemiller, James; and Peascoe, Warren J., 4,525,487, Cl. 521-78.000.
  - Batorewicz, Wadim; and Wheeler, Edward L., 4,518,803, Cl. 564-410.000.
  - Blem, Allen R.; and McGuinness, James A., 4,528,022, Cl. 71-73.000.
  - Cathey, Thaddeus F.; Gaynor, John C.; and Nelson, Rodney J., 4,515,577, Cl. 474-204.000.

- Chmiel, Chester T.; and Cotsakis, Daniel J., 4,501,842, Cl. 524-432.000.
- Crepeau, Allen E., 4,514,442, Cl. 427-140.000.
- DeVera, Nedie L., 4,544,702, Cl. 525-66.000.
- Feiccabrino, Joseph A., 4,495,372, Cl. 568-929.000.
- Gencarelli, Richard A.; and Wheeler, Edward L., 4,528,381, Cl. 548-257.000.
- Hunter, Byron A.; Rowland, Donald G.; and Peascoe, Warren J., 4,554,294, Cl. 521-93.000.
- Kohrn, Robert C., 4,512,834, Cl. 156-138.000.
- Loveless, Frederick C.; and Smudin, David J., 4,532,061, Cl. 252-58.000.
- Matthews, Demetreos N.; and Nudenberg, Walter, 4,491,652, Cl. 525-247.000.
- Merijanian, Aspet V., 4,533,782, Cl. 585-520.000.
- Minatelli, John A.; and Ma, Shih-Yu, 4,503,230, Cl. 546-294.000.
- Paddock, Charles F.; and Wefer, John M., 4,550,138, Cl. 525-67.000.
- Skura, William A., 4,514,179, Cl. 474-204.000.
- Weaver, Ebon P., 4,529,776, Cl. 525-184.000.
- Wefer, John M., 4,493,921, Cl. 525-67.000.
- Worns, John R., 4,517,279, Cl. 430-286.000.
- Worns, John R.; Chase, James W.; and Capriotti, Bruce W., 4,547,453, Cl. 430-271.000.

Uniroyal, Ltd.: *See—*
- Ims, Horst O. H., 4,545,735, Cl. 417-307.000.

Unisearch Limited: *See—*
- Alexander, Peter W.; and Haddad, Paul R., 4,518,463, Cl. 204-1.00T.
- Antony, Gabriel; and Frost, Richard B., 4,539,754, Cl. 33-169.00R.
- Barnes, David; and Bliss, Peter J., 4,505,819, Cl. 210-603.000.
- Frost, Richard B., 4,517,977, Cl. 128-305.000.
- Garde, Peter, 4,516,080, Cl. 330-3.000.
- Garde, Peter, 4,523,152, Cl. 330-151.000.
- Horwitz, Christopher M., 4,521,286, Cl. 204-192.00E.
- Milner, Christopher J., 4,530,044, Cl. 323-365.000.
- Minh, Thi H.; Cole, Edward R.; and Crank, George, 4,499,115, Cl. 426-546.000.
- Robinson, Vivian N. E.; and Cutmore, Nicholas G., 4,559,450, Cl. 250-310.000.
- Ruck, Nancy C.; Mills, David R.; and Harting, Erik, 4,557,565, Cl. 350-262.000.

Unisen, Inc.: *See—*
- Pittaway, James W., 4,544,869, Cl. 318-293.000.

Uniset Corporation: *See—*
- Kopf, Rowland J., 4,493,376, Cl. 173-139.000.

Unit Rig & Equipment Co.: *See—*
- Van Dyke, Harry, 4,517,839, Cl. 73-432.00R.

Unitaka Ltd.: *See—*
- Arai, Yoshihiro; Tanaka, Takumi; and Kamiyama, Kenji, 4,529,779, Cl. 525-438.000.
- Hagiwara, Michiaki; and Tomohiro, Yoshitaka, 4,495,074, Cl. 210-695.000.

United Abrasives, Inc.: *See—*
- Patrello, Joseph, 4,541,205, Cl. 51-168.000.

United Air Filter Company: *See—*
- Kinney, William L., Jr.; and Evans, Richard E., Jr., 4,519,823, Cl. 55-493.000.

United Aircraft Products, Inc.: *See—*
- Gooden, Richmond A., 4,538,972, Cl. 417-540.000.
- Kearns, Vaughn, 4,527,785, Cl. 269-71.000.
- Lord, Thomas J., 4,528,733, Cl. 29-157.30C.

United Banks of Colorado, Inc.: *See—*
- Tschappat, Robert W., Jr., 4,557,352, Cl. 186-37.000.

United Catalysts, Inc.: *See—*
- Kustes, William A.; and Hausberger, Arthur L., 4,540,681, Cl. 502-234.000.

United Conveyor Corporation: *See—*
- Margison, Elwood R., 4,558,805, Cl. 222-133.000.

United Detector Technology: *See—*
- Duda, C. Richard, 4,498,012, Cl. 250-578.000.

United Industries Sales Organization, Inc.: *See—*
- Rapp, Karl G., 4,522,315, Cl. 222-142.100.

United Innovations div. of United Engineers, Inc.: *See—*
- Parent, Christopher A.; and Ferry, William R., 4,531,314, Cl. 40-119.000.

United Kingdom Atomic Energy Authority: *See—*
- Bannister, Dennis J., 4,556,615, Cl. 429-192.000.
- Bowen, Dennis H., 4,525,228, Cl. 156-155.000.
- Bridger, Nevill J.; and Turner, Andrew D., 4,548,695, Cl. 204-284.000.
- Cairns, James A.; and Ziegler, James F., 4,528,212, Cl. 427-96.000.
- Carter, John H., 4,526,626, Cl. 148-6.14R.
- Causer, Roy; and Orr, Donald, 4,501,522, Cl. 414-4.000.
- Cole, Geoffrey V., 4,537,547, Cl. 414-5.000.
- Drain, Leslie E.; and Negus, Clive R., 4,492,467, Cl. 356-336.000.
- Duncombe, Edward; and Thatcher, Gordon, 4,527,955, Cl. 417-50.000.
- Hackney, Stanley, 4,497,642, Cl. 55-422.000.
- Hodgson, Thomas D.; and Foot, William R., 4,521,400, Cl. 423-658.500.
- Hodgson, Thomas D., 4,557,861, Cl. 252-627.000.
- Hooper, Alan; and North, John M., 4,547,440, Cl. 429-112.000.
- Inoue, Shigeyasu; and Yamamoto, Hiroyoshi, 4,545,818, Cl. 106-22.000.
- Kaye, Alan S., 4,550,409, Cl. 372-59.000.
- Kennedy, Peter; and Parkinson, Kenneth, 4,536,449, Cl. 428-408.000.
- Lane, Edward S.; and Hill, Michael R. H., 4,551,358, Cl. 427-126.600.
- Moseley, Patrick T.; and Bridger, Nevill J., 4,507,855, Cl. 29-623.100.
- Moseley, Patrick T.; and Hill, Michael R. H., 4,508,147, Cl. 141-1.100.
- Norris, Michael A., 4,519,445, Cl. 165-76.000.
- Parker, John A., 4,531,069, Cl. 307-492.000.
- Peck, Peter F., 4,494,001, Cl. 250-358.100.
- Pollock, James F., 4,525,406, Cl. 428-137.000.
- Roach, Peter F., 4,493,214, Cl. 73-779.000.
- Roach, Peter F.; Caldwell-Nichols, Christopher J.; and Thomson, Alexander, 4,507,603, Cl. 324-61.00P.
- Roach, Peter F.; Duncombe, Edward; and Hulse, Ian, 4,559,436, Cl. 219-85.00M.
- Segal, David L., 4,532,072, Cl. 252-313.100.
- Taylor, Stephen A., 4,549,574, Cl. 137-565.000.
- Ward, Brooke A., 4,533,814, Cl. 219-121.0LD.
- Woodhead, James L.; Scott, Keith T.; and Wilcockson, Alan, 4,548,832, Cl. 427-34.000.
- Wright, Christopher J.; and Sampson, Christopher F., 4,524,051, Cl. 423-247.000.

United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britanic Majesty's Government of the, of Whitehall: *See—*
- Harrison, Kenneth J.; Raynes, Edward P.; Saunders, Frances C.; and Thompson, David J., 4,496,221, Cl. 350-349.000.

United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the: *See—*
- Abdullah, Hilal M.; Constant, Jennifer; Gray, George W.; McDonnell, Damien G.; and Toyne, Kenneth J., 4,544,497, Cl. 252-299.500.
- Andrews, Beatrice M.; Carr, Neil, Gray, George W.; and Hogg, Christine, 4,512,636, Cl. 350-350.00R.
- Atherton, John R.; Sindall, John H.; and Heathcock, Osmond R., 4,532,997, Cl. 169-56.000.
- Banbury, John R., 4,560,233, Cl. 350-3.700.
- Bertero, Mario; and Pike, Edward R., 4,549,204, Cl. 358-93.000.
- Bickerdike, Robert L.; and Hughes, Garyth, 4,517,027, Cl. 148-6.300.
- Bishop, Sarah M.; and Curtis, Paul T., 4,536,438, Cl. 428-246.000.
- Bryce, William D., 4,537,277, Cl. 181-214.000.
- Carr, Neil; and Gray, George W., 4,556,745, Cl. 568-632.000.
- Cattell, Alan F.; Cockayne, Brian; Wright, Peter J.; and Kirton, John, 4,496,610, Cl. 427-66.000.
- Cattell, Alan F.; Kirton, John; and Lloyd, Peter, 4,552,782, Cl. 427-66.000.
- Cockayne, Brian; Griffiths, Richard J. M.; and Wright, Peter J., 4,509,997, Cl. 148-175.000.
- Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., 4,535,220, Cl. 219-121.0LM.
- Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., 4,556,524, Cl. 264-1.200.
- Davies, David G., 4,521,261, Cl. 149-92.000.
- Dean, Anthony B.; Farrow, Robin F. C.; Migliorato, Piero; White, Anthony M.; and Williams, Gerald M., 4,494,133, Cl. 357-30.000.
- Elliott, Charles T.; White, Anthony M.; and Field, Howard J., 4,535,232, Cl. 250-206.000.
- Elliott, Charles T.; and White, Anthony M., 4,551,623, Cl. 250-211.00R.
- Fidler, John; and Green, John M., 4,505,202, Cl. 102-357.000.
- Fitzgerald-Smith, James P.; Bird, Bertram; and Willis, Michael, 4,520,523, Cl. 14-2.400.
- Fitzgerald-Smith, James P., 4,561,376, Cl. 114-267.000.
- Fuller, Peter W. W., 4,513,668, Cl. 102-511.000.
- Glasper, John L.; Shanks, Ian A.; and Clark, Michael G., 4,527,863, Cl. 350-336.000.
- Glinn, Terence G. J.; and Deverill, Robert J., 4,548,256, Cl. 164-529.000.
- Gray, George W.; Lacey, David; Pellatt, Martin G.; and Sturgeon, Bennett, 4,542,230, Cl. 560-01.000.
- Harrison, David J., 4,496,904, Cl. 324-227.000.
- Harrison, Kenneth J.; Raynes, Edward P.; Saunders, Frances C.; Thompson, David J.; and Newton, David F., 4,506,957, Cl. 350-349.000.
- Harvey, Michael J.; and Atkinson, Anthony, 4,546,161, Cl. 527-312.000.
- Hickey, Dennis J., 4,557,198, Cl. 102-481.000.
- Hilsum, Cyril, 4,525,032, Cl. 350-331.00R.
- Hilsum, Cyril; and Raynes, Edward P., 4,529,968, Cl. 340-365.00C.
- James, James R.; and Henderson, Ann, 4,507,664, Cl. 343-700.0MS.
- James, James R.; and Hall, Peter S., 4,529,988, Cl. 343-731.000.
- Kirby-Smith, Trevor R., 4,554,827, Cl. 73-189.000.
- Lewis, Keith L.; and Savage, James A., 4,560,576, Cl. 427-38.000.
- Murphy, Davis J.; and Phillips, Leslie N., 4,492,732, Cl. 428-404.000.
- Restall, James E., 4,530,885, Cl. 428-670.000.
- Sewell, John H., 4,533,589, Cl. 428-174.000.
- Singer, Alfred R. E., 4,515,864, Cl. 428-546.000.
- Stangroom, James E., 4,532,853, Cl. 91-165.000.
- Tucker, Maurice K., 4,534,079, Cl. 14-14.000.
- Waite, Michael S.; Chadha, Surjit S.; and Leong, Weng Y., 4,529,885, Cl. 250-484.100.

- Wilkinson, Robert G., 4,543,657, Cl. 375-1.000.
- United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Industry in Her Britannic Majesty's Government of the: *See—*
  - Edwards, Julian G.; and Roddie, Alan G., 4,514,624, Cl. 250-211.00R.
- United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Social Services in Her Britannic Majesty's Government of the: *See—*
  - Russell, Roy R. B., 4,521,513, Cl. 435-68.000.
- United Kingdom of Great Britain and Northern Ireland, The Secretary of State for the Environment in Her Britannic Majesty's Government of the: *See—*
  - Gulley, Brian W.; Williamson, Gilbert J.; Carmichael, Richard Q.; Cooke, David F.; and Taylor, Roderick, 4,561,860, Cl. 44-10.00R.
- United McGill Corporation: *See—*
  - Panza, Michael J., 4,553,631, Cl. 181-291.000.
- United Security Products, Inc.: *See—*
  - Greene, Ted R., 4,500,943, Cl. 361-383.000.
- U.S. Automation Company: *See—*
  - Borodin, Daniel J., 4,527,446, Cl. 74-828.000.
- U.S. Balloon Mfg. Co., Inc.: *See—*
  - Blacksberg, Richard; and Isaacs, Michael S., 4,547,168, Cl. 446-222.000.
  - Schwartz, Joel, 4,516,949, Cl. 446-222.000.
- U.S. Banknote Corporation: *See—*
  - Colgate, Gilbert, Jr., 4,547,002, Cl. 283-91.000.
- United States Borax & Chemical Corporation: *See—*
  - Badzioch, Stanislaw, 4,507,369, Cl. 429-104.000.
  - Biddulph, Richard H., 4,543,227, Cl. 264-233.000.
  - Hunter, Don L., 4,496,483, Cl. 260-239.0BF.
  - von Buelow, John; and Hauser, Stephen G., 4,493,440, Cl. 222-109.000.
  - Williamson, John P. H., 4,491,478, Cl. 106-3.000.
- United States Brass Corporation: *See—*
  - Hayman, Dennis J., 4,502,507, Cl. 137-625.400.
- U.S. Clinical Products, Inc.: *See—*
  - Cummings, Robert, 4,514,248, Cl. 156-268.000.
  - Cummings, Robert, 4,527,703, Cl. 215-232.000.
  - Cummings, Robert, 4,550,842, Cl. 215-232.000.
- U.S. Currency Protection Corp.: *See—*
  - Bernhardt, Terry L., 4,511,888, Cl. 340-571.000.
  - Bernhardt, Terry L., 4,559,529, Cl. 340-571.000.
- U.S. Environmental Products, Inc.: *See—*
  - Robinson, C. Douglas, 4,539,120, Cl. 210-738.000.
- U.S. Filigree Wideslab, Inc.: *See—*
  - Sarda, Nandy M., 4,505,087, Cl. 52-741.000.
- U.S. Fire Control Corporation: *See—*
  - Logan, Frank G.; and Johnson, Wilfred V., 4,491,352, Cl. 285-373.000.
- U.S. Floor Systems, Inc.: *See—*
  - Williams, Robert C., III; and Williams, Stephen R., 4,524,477, Cl. 15-50.00R.
- United States Forgecraft Corporation: *See—*
  - Bailey, James T., Jr., 4,546,523, Cl. 24-241.0PP.
- United States Gypsum Company: *See—*
  - Ali, Mohammad H., 4,557,973, Cl. 428-404.000.
  - Galer, Richard E., 4,504,335, Cl. 156-42.000.
  - Ishii, Yasuo, 4,530,653, Cl. 425-363.000.
  - Johnstone, Norman E.; and Kehoe, John R., 4,548,676, Cl. 162-135.000.
  - O'Connell, Daniel D.; and Broz, Thomas A., 4,504,602, Cl. 521-78.000.
  - Powell, Byron E.; Bakhshi, Virendar S.; and Randolph, Donald A., 4,552,683, Cl. 252-189.000.
  - Ptasienski, Mitchell P.; Mustoe, Robert M.; and Zajonc, Fred H., deceased, 4,496,515, Cl. 264-504.000.
  - Wendt, Alan C.; and Krakowski, David, 4,497,150, Cl. 52-242.000.
  - Wendt, Alan C., 4,513,549, Cl. 52-211.000.
  - Wendt, Alan C., 4,513,557, Cl. 52-735.000.
  - Willoughby, Michael D., 4,518,652, Cl. 428-312.400.
  - Zaskalicky, Michael F., 4,533,528, Cl. 423-171.000.
- U.S. Industrial Products Co.: *See—*
  - Hosoya, Toshiro, 4,498,330, Cl. 73-23.000.
- U.S. Industries, Inc.: *See—*
  - Lerch, Orville L., 4,528,903, Cl. 100-229.00R.
  - Osborn, Denis L., 4,556,015, Cl. 119-56.00R.
- U.S. Leisure Incorporated: *See—*
  - Anderson, George F., 4,537,358, Cl. 239-413.000.
- United States Manufacturing Company: *See—*
  - Greene, Ted J.; and Irons, George P., 4,517,968, Cl. 128-80.00H.
  - Irons, George P., 4,556,053, Cl. 128-80.00C.
- United States Medical Corporation: *See—*
  - Meyer, Benjamin S., 4,549,319, Cl. 623-22.000.
- United States of America
  - Administrator Environmental Protection Agency: *See—*
    - Meyer, Raymond A.; Howard, Frederick S.; and Brugger, John E., 4,507,762, Cl. 367-137.000.
  - Administrator, National Aeronautics and Space Administration: *See—*
    - Craighead, Norwood D., II; Preliasco, Richard J.; and Hult, Timothy D., 4,558,967, Cl. 403-113.000.
    - Khanna, Satish K.; Thakoor, Anilkumar P.; and Williams, Roger M., 4,522,844, Cl. 427-38.000.
    - Kleinberg, Leonard L., 4,521,702, Cl. 307-520.000.
    - Pater, Ruth H., 4,560,742, Cl. 528-342.000.
  - Agriculture: *See—*
    - Anderson, Maynard E.; Marshall, Robert T.; and Hulse, Mark M., 4,497,898, Cl. 436-23.000.
    - Andrews, Bethlehem K.; and Reinhardt, Robert M., 4,539,008, Cl. 8-187.000.
    - Bean, Maura M.; Nishita, Kazuko D.; and Hoops, Elizabeth A., 4,508,736, Cl. 426-19.000.
    - Blank, Richard W.; and Simard, Albert J., 4,521,120, Cl. 374-102.000.
    - Bookwalter, George N., 4,544,564, Cl. 426-462.000.
    - Buttery, Ronald G.; Ling, Louisa C.; and Juliano, Bienvenido O., 4,522,838, Cl. 426-537.000.
    - Camirand, Wayne M., 4,503,082, Cl. 426-271.000.
    - Carlson, David A.; and McLaughlin, John R., 4,527,000, Cl. 585-16.000.
    - Christianson, Donald D.; and Friedrich, John P., 4,495,207, Cl. 426-312.000.
    - Dale, Jim E., 4,513,528, Cl. 47-1.500.
    - DeLoach, John R.; Harris, Robert L.; Mayer, Richard T.; and Ihler, Garret M., 4,517,080, Cl. 210-85.000.
    - Friedrich, John P.; and Eldridge, Arthur C., 4,493,854, Cl. 426-629.000.
    - Graham, Clarence O., Jr.; Shepard, Charles L.; Ruppenicker, George F., Jr.; and Kullman, Russell M. H., 4,541,231, Cl. 57-12.000.
    - Harper, Robert J., Jr., 4,536,422, Cl. 427-381.000.
    - Heiland, Wolfgang K., 4,550,905, Cl. 271-202.000.
    - Klesius, Phillip H.; and Brown, Bobby G., 4,505,277, Cl. 128-769.000.
    - Laurent, Sebastian M.; and Pond, Wilson G., 4,515,780, Cl. 424-154.000.
    - Lenker, Don H.; and Nascimento, Dennis F., 4,516,385, Cl. 53-504.000.
    - Lest, William L., 4,554,442, Cl. 235-88.00R.
    - McCabe, Dennis; and Soper, Richard S., 4,530,834, Cl. 424-93.000.
    - McGovern, Terrence P.; and Schreck, Carl E., 4,530,935, Cl. 514-613.000.
    - Peters, Penn A.; Biller, Cleveland J.; and Johnson, David D., 4,500,004, Cl. 212-80.000.
    - Powell, Richard G.; and Smith, Cecil R., Jr., 4,532,327, Cl. 546-214.000.
    - Robertson, George H.; and Pavlath, Attila E., 4,556,460, Cl. 203-19.000.
    - Rosen, Howard N.; Kent, Albert C.; and Girod, George F., 4,559,823, Cl. 73-338.000.
    - Schade, John E.; and King, A. Douglas, Jr., 4,535,248, Cl. 250-459.100.
    - Schatzki, Thomas F., 4,539,648, Cl. 364-555.000.
    - Schwab, Arthur W.; and Pryde, Everett H., 4,526,586, Cl. 44-53.000.
    - Schwab, Arthur W.; and Pryde, Everett H., 4,557,734, Cl. 44-53.000.
    - Turczyn, Mark T., 4,545,236, Cl. 73-12.000.
    - Wehr, Michael A.; and Mattson, James A., 4,540,033, Cl. 144-34.00R.
    - Weiss, Louis C.; and Thibodeaux, Devron P., 4,534,856, Cl. 209-1.000.
    - Wilkinson, Henry T., 4,561,294, Cl. 73-73.000.
    - Williamson, D. Leroy, 4,548,804, Cl. 424-9.000.
    - Yagi, Toshiharu; and Pavlath, Attila E., 4,508,781, Cl. 428-409.000.
  - Air Force: *See—*
    - Abrams, Richard L.; Henderson, David M.; Pinnow, Douglas A.; and Stephens, Ronald R., 4,494,827, Cl. 350-385.000.
    - Adamo, Michael D.; Darter, Cederick U.; and Cho, Frederick Y., 4,546,283, Cl. 310-313.00R.
    - Adamski, Joseph A., 4,559,217, Cl. 423-299.000.
    - Aguirre, Donald G., 4,507,602, Cl. 324-58.00R.
    - Auld, Bert A.; Pettibone, Donald W.; and Plummer, James D., 4,523,293, Cl. 364-821.000.
    - Azgapetian, Victor, deceased, 4,514,056, Cl. 350-372.000.
    - Bellman, Brian M., 4,521,893, Cl. 375-107.000.
    - Berthel, Robert O.; Plank, Vernon G.; Jones, Stephen H.; and Matthews, Anthony J., 4,514,758, Cl. 358-93.000.
    - Berthel, Robert O.; Plank, Vernon G.; and LaGross, Dennis L., 4,561,018, Cl. 358-107.000.
    - Bills, Kenneth W., Jr.; and Svob, Gerald J., 4,523,475, Cl. 73-781.000.
    - Bomberger, Howard B.; and Froes, Francis H., 4,534,938, Cl. 420-590.000.
    - Buckley, John J.; and Scott, William T., 4,534,538, Cl. 251-62.000.
    - Buholz, Neal E., 4,513,422, Cl. 372-29.000.
    - Burns, Bryan L.; and Callahan, Michael W., 4,540,978, Cl. 340-554.000.
    - Burrows, James L., 4,528,641, Cl. 364-757.000.
    - Caldwell, Stephen P.; and Pedersen, David R., 4,546,268, Cl. 307-265.000.
    - Cannon, Mark W., Jr., 4,493,539, Cl. 351-205.000.
    - Champagne, Edwin B., 4,524,359, Cl. 343-16.00M.
    - Chan, Robert H. G.; Mann, Martin R.; and Ciarrocchi, John A., 4,546,429, Cl. 364-200.000.
    - Clapp, Roger E., 4,523,198, Cl. 343-754.000.
    - Clapp, Roger E., 4,558,324, Cl. 343-754.000.

Cole, Eugene O.; and Yeterian, Vahan H., 4,500,206, Cl. 356-376.000.
Creed, Durwood L., 4,495,501, Cl. 343-7.700.
Davis, Thomas J.; and Tomeraasen, Paul L., 4,528,506, Cl. 324-225.000.
Driscoll, Michael M., 4,550,293, Cl. 331-116.00R.
Duncan, Garland H., III; and Cooper, David L., 4,503,668, Cl. 60-39.320.
Eitel, Frederick G., 4,553,457, Cl. 82-1.00C.
Ennis, John J.; and Booher, Robert K., 4,540,904, Cl. 307-473.000.
Escallier, Edward A.; Dawson, Stanley R.; and Shaheen, Joseph M., 4,501,929, Cl. 174-117.00F.
Escallier, Edward A.; Dawson, Stanley R.; and Shaheen, Joseph M., 4,548,661, Cl. 156-52.000.
Eversole, Jay D., 4,523,327, Cl. 378-124.000.
Eylon, Daniel; and Froes, Francis H., 4,534,808, Cl. 148-133.000.
Eylon, Daniel; and Froes, Francis H., 4,536,234, Cl. 148-133.000.
Fenwick, James R.; and Chang, Yi M., 4,558,597, Cl. 73-600.000.
Fielding, Lawrence E., 4,538,792, Cl. 259-8.00R.
Frank, G. Haven, 4,517,618, Cl. 361-58.000.
Gazzera, Raymond W., 4,510,846, Cl. 91-460.000.
Gelbwachs, Jerry A., 4,516,858, Cl. 356-437.000.
Gentry, James F., 4,528,660, Cl. 370-80.000.
Giles, Michael K.; and Rogers, Robert B., 4,511,219, Cl. 350-388.000.
Gilson, Alan P., 4,519,055, Cl. 369-37.000.
Gnagy, Clayton C., 4,495,764, Cl. 60-255.000.
Goldfarb, Harold; Perkins, Kenneth L.; and Weigand, Bernard L., 4,553,435, Cl. 73-40.700.
Goldie, Harry; and Cherry, William D., 4,496,917, Cl. 333-13.000.
Gray, Roger P., Jr., 4,517,570, Cl. 343-372.000.
Greene, Edward E., 4,506,269, Cl. 343-872.000.
Guimont, John M.; Manser, Gerald E.; and Ross, Donald L., 4,560,779, Cl. 549-510.000.
Harvell, John K.; and Franke, Milton E., 4,555,079, Cl. 244-207.000.
Hawrylo, Frank Z., 4,523,212, Cl. 357-17.000.
Hawrylo, Frank Z., 4,540,450, Cl. 148-171.000.
Hawrylo, Frank Z., 4,547,230, Cl. 148-171.000.
Heath, James E.; and Swenson, Hilmer W., 4,517,464, Cl. 250-370.000.
Hedin, Raymond C.; and Hewitt, Fred G., 4,559,445, Cl. 250-203.00R.
Higgins, Charles H.; and Skipper, John D., 4,546,343, Cl. 340-347.0AD.
Horvath, Richard L., 4,540,339, Cl. 416-92.000.
Hsu, Michael S.; and Hsu, James P., 4,511,216, Cl. 350-311.000.
Hufford, Diane K., 4,547,958, Cl. 29-572.000.
Jones, Nelson E., 4,547,884, Cl. 372-58.000.
Justus, Jimmie J., 4,523,325, Cl. 377-44.000.
Kahan, Alfred, 4,499,395, Cl. 310-361.000.
Kinney, Daniel C., 4,517,517, Cl. 324-433.000.
Kinsey, James L., 4,490,973, Cl. 60-261.000.
Kirkpetrick, Conilee G.; Adler, Michael S.; and Possin, George E., 4,534,016, Cl. 365-128.000.
Kolesar, Edward S., Jr., 4,549,427, Cl. 73-23.000.
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Kuperman, Gilbert G.; and Wallquist, Donald L., 4,558,359, Cl. 358-89.000.
Laderman, Arnold J.; and Bergthold, Frederick M., Jr., 4,538,635, Cl. 137-114.000.
Lakin, Kenneth M., 4,495,466, Cl. 324-242.000.
Lane, Clyde H., 4,534,100, Cl. 29-586.000.
Lee, Joseph C., 4,558,290, Cl. 333-126.000.
Long, Richard L., 4,559,101, Cl. 156-359.000.
Ludington, Charlotte E., 4,536,658, Cl. 250-578.000.
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Masak, Raymond J., 4,495,502, Cl. 343-380.000.
Mayer, Arnold H., 4,505,124, Cl. 62-180.000.
McDermott, William E.; Ellis, David E.; Pchelkin, Nicholas R.; Miller, George W.; Benard, David J.; and Richardson, Ralph J., 4,558,451, Cl. 372-89.000.
Merritt, Francis L.; and Ducati, Adriano C., 4,499,334, Cl. 174-111.000.
Merritt, Francis L.; and Taylor, Charles H., 4,510,377, Cl. 219-550.000.
Miceli, William J.; and Ludman, Jacques E., 4,533,829, Cl. 250-227.000.
Molina, Orlando G., 4,534,211, Cl. 73-64.400.
Montana, Donald M.; and Herd, Randy S., 4,499,468, Cl. 343-15.000.
Moore, George W.; and Carroll, Robert G., 4,499,735, Cl. 60-739.000.
Mori, Tsutomu T.; Dybdal, Robert B.; and Etcheverry, Robert D., 4,510,622, Cl. 455-67.000.
Morrisey, Edward J., 4,511,105, Cl. 244-135.00R.
Murphy, John W.; and Vail, David K., 4,559,613, Cl. 364-703.000.
Norris, Frank A.; and Krile, David J., 4,523,104, Cl. 307-247.00A.
Novick, Leonard R., 4,558,445, Cl. 370-84.000.
Ogland, Jon W., 4,521,656, Cl. 200-148.00B.
O'Loughlin, James P., 4,550,275, Cl. 315-241.00R.
O'Meara, Thomas R., 4,498,184, Cl. 372-92.000.
Ott, William E., 4,546,320, Cl. 328-3.000.
Pacini, Dino J.; Miceli, Edward C.; and Sturdevant, Norman J., Jr., 4,554,416, Cl. 179-170.0NC.
Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,557,869, Cl 260-349.000.
Paciorek, Kazimiera J. L.; Kratzer, Reinhold H.; Harris, David H.; Smythe, Mark E.; and Nakahara, James H., 4,559,175, Cl. 260-349.000.
Palvolgyi, Frank A., 4,535,466, Cl. 377-54.000.
Pellegrini, Paul W.; Ludington, Charlotte E.; Golubovic, Aleksandar; and Weeks, Melanie M., 4,533,933, Cl. 357-15.000.
Perry, John S., 4,520,364, Cl. 343-872.000.
Peterson, Phillip R.; and Gavrielides, Athanasios, 4,502,756, Cl. 350-162.200.
Plank, Vernon G.; Matthews, Anthony J.; Berthel, Robert O.; and LaGross, Dennis L., 4,499,761, Cl. 73-170.00R.
Pomphrey, Patrick J., Jr., 4,530,602, Cl. 356-138.000.
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Robinson, Philip I., 4,528,978, Cl. 126-438.000.
Roeder, Allan W., 4,513,428, Cl. 375-120.000.
Roeder, Allan W., 4,513,429, Cl. 375-120.000.
Rosenberg, Harold; and Tsai, Tsu-Tsu, 4,518,759, Cl. 528-35.000.
Rothenberg, Carl, 4,491,845, Cl. 343-754.000.
Sage, Jay P., 4,555,770, Cl. 364-819.000.
Salour, Michael M.; and Fuchs, Adrian, 4,495,782, Cl. 62-514.00R.
Schack, Carl J.; and Christe, Karl O., 4,508,662, Cl. 260-550.000.
Schlie, LaVerne A.; and Rathge, Robert D., 4,535,457, Cl. 372-58.000.
Schuermeyer, Fritz L., 4,532,695, Cl. 29-571.000.
Scully, Charles N., 4,511,220, Cl. 350-403.000.
Shepherd, Freeman D., Jr.; Pellegrini, Paul W.; Ludington, Charlotte E.; and Weeks, Melanie M., 4,531,055, Cl. 250-211.00J.
Shields, Michael W., 4,495,505, Cl. 343-821.000.
Simpson, James E., 4,528,549, Cl. 340-347.0AD.
Smith, Edwin B.; and Fogleboch, John R., Sr., 4,546,328, Cl. 331-4.000.
Smith, Howard W., 4,534,050, Cl. 378-81.000.
Smith, Paul R.; and Froes, Francis H., 4,499,156, Cl. 428-614.000.
Stanley, Richard L.; and Henry, George R., 4,539,809, Cl. 60-39.094.
Stockton, William W., 4,546,353, Cl. 340-966.000.
Sve, Charles; and Muntz, Eric P., 4,550,255, Cl. 250-359.100.
Taboada, John; and Altschuler, Bruce R., 4,523,809, Cl. 350-163.000.
Task, Harry L., 4,554,544, Cl. 340-953.000.
Taverna, Arthur R.; and Thompson, Warren S., 4,515,847, Cl. 428-107.000.
Tsai, Tsu-Tzu; and Arnold, Fred E., 4,544,713, Cl. 525-432.000.
Tsai, Tsu-Tzu; and Arnold, Fred E., 4,559,404, Cl. 548-152.000.
Tsui, James B. Y.; and Shaw, Rudy L., 4,547,727, Cl. 324-79.00D.
Valley, Charles R., 4,501,636, Cl. 156-345.000.
Vasilos, Thomas, 4,546,032, Cl. 423-223.000.
von Gierke, Henning E.; and Marko, Adolf R., 4,511,228, Cl. 351-243.000.
Waineo, Douglas K.; and Wong, Sam S., 4,555,708, Cl. 343-799.000.
Walker, Ronald P.; Rex, John D.; and Schummers, John H., 4,520,504, Cl. 382-1.000.
Wallace, Gary A.; and Zimmer, James E., 4,522,883, Cl. 428-365.000.
Wallace, J. Shield; and Arnold, Fred E., 4,540,833, Cl. 568-766.000.
Wallquist, Donald L.; and Kuperman, Gilbert G., 4,494,838, Cl. 351-206.000.
Webb, George, 4,500,255, Cl. 415-189.000.
Weiss, Isaac; Froes, Francis H.; and Eylon, Daniel, 4,548,903, Cl. 436-5.000.
Wiebe, David J., 4,539,864, Cl. 74-573.00R.
Willmore, Robert R., 4,517,568, Cl. 343-18.00E.
Wyatt, Ivan S.; and Task, Harry L., 4,554,543, Cl. 340-948.000.
Zahn, Robert L., 4,515,001, Cl. 72-323.000.
Zimmer, James E.; and Salvador, Linda M., 4,554,024, Cl. 106-284.000.
Zuleeg, Rainer; and Notthoff, Johannes K., 4,505,582, Cl. 356-5.000.

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  Keefer, Larry K.; and Lunn, George, 4,535,154, Cl. 544-106.000.
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  Allen, Henry C., 4,529,536, Cl. 252-182.000.
  Andrews, Angus P., 4,517,486, Cl. 310-331.000.
  Arszman, Jerrold H., 4,519,315, Cl. 102-377.000.
  Atkins, Ronald T., 4,522,512, Cl. 374-44.000.
  Bailey, Walter H., 4,503,432, Cl. 343-7.00A.
  Ballato, Arthur, 4,542,355, Cl. 333-191.000.

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Ballato, Arthur, 4,547,748, Cl. 331-49.000.

Barditch, Irving F., 4,558,467, Cl. 2-2.10R.

Bass, Alva W., 4,493,581, Cl. 403-323.000.

Bayha, William T.; Borowick, John; Stern, Richard A.; and Babbitt, Richard W., 4,516,131, Cl. 343-785.000.

Bennett, John G., 4,503,101, Cl. 428-9.000.

Betts, Robert E.; Crawford, John F.; and Meador, Jacqueline C., 4,542,695, Cl. 102-378.000.

Betts, Robert E.; Crawford, John F.; and McNeill, Robert E., 4,549,486, Cl. 102-334.000.

Binder, Michael; Petersen, Eric R.; Walker, Charles W., Jr.; Wade, William L., Jr.; and Gilman, Sol, 4,514,478, Cl. 429-196.000.

Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,526,881, Cl. 502-101.000.

Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,543,305, Cl. 429-101.000.

Bly, Vincent T., 4,515,443, Cl. 350-396.000.

Borg, Henry A., 4,507,086, Cl. 434-29.000.

Bosselaers, Robert J.; and Elder, Richard B., 4,500,857, Cl. 332-9.00R.

Brandt, Howard E., 4,553,068, Cl. 315-4.000.

Branovich, Louis E.; Smith, Bernard; and Freeman, Gerard L., 4,544,535, Cl. 423-290.000.

Brody, Philip S., 4,524,294, Cl. 310-311.000.

Bruce, Charles W.; Kunkel, Kenneth E.; and Webb, Fred C., 4,506,553, Cl. 73-861.650.

Brune, John F., 4,510,500, Cl. 343-708.000.

Bryant, Gordon H., 4,561,450, Cl. 128-780.000.

Buchanan, James E.; and Shipley, John M., 4,550,342, Cl. 358-153.000.

Buckland, Bruce E., 4,516,274, Cl. 2-209.000.

Bush, Clarence C., deceased, 4,505,200, Cl. 102-293.000.

Cade, J. Weldon; and Stein, Stanley I., 4,514,135, Cl. 414-682.000.

Cadieu, Fred J., 4,547,276, Cl. 204-192.00M.

Calcagno, Vincent J., Jr., 4,516,326, Cl. 33-169.00B.

Campagnuolo, Carl H., 4,503,774, Cl. 102-207.000.

Campi, Morris; and Sindoris, Arthur R., 4,521,781, Cl. 343-700.0MS.

Cartier, Francis R.; Stager, David N.; and Acker, Roy M., 4,527,619, Cl. 165-41.000.

Caslavsky, Jaroslav L.; Lavoie, Gerald H.; Earle, William H.; and Viechnicki, Dennis J., 4,510,609, Cl. 373-110.000.

Casseday, Michael W.; Berg, Norman J.; and Filipov, Andree N., 4,558,925, Cl. 350-358.000.

Chandra, Suresh; and Rohde, Robert S., 4,548,502, Cl. 356-358.000.

Chang, Chin-An; Chang, Leroy L.; and Esaki, Leo, 4,517,047, Cl. 156-610.000.

Chang, Chin-An; Chang, Leroy L.; and Esaki, Leo, 4,558,336, Cl. 357-4.000.

Chase, Roger P., 4,506,210, Cl. 324-66.000.

Christian, J. Robert; and Poli, Louis C., 4,549,293, Cl. 370-95.000.

Ciekurs, Richard, 4,548,120, Cl. 89-11.000.

Cobb, Bernie J., 4,523,524, Cl. 102-374.000.

Conway, Gregory J., 4,499,769, Cl. 73-587.000.

Cousins, Matthew E., III, 4,511,896, Cl. 340-870.250.

Crawford, James I.; and Howell, W. Max, 4,560,120, Cl. 244-3.220.

Dezenberg, George J.; and Cooper, Charles E., Jr., 4,507,786, Cl. 372-33.000.

Dixon, Samuel, Jr., 4,511,865, Cl. 333-17.00L.

Dixon, Samuel, Jr., 4,545,073, Cl. 455-325.000.

Drzewiecki, Tadeusz, 4,523,611, Cl. 137-804.000.

Drzewiecki, Tadeusz M.; Toda, Kenji; and Gurney, John, 4,512,371, Cl. 137-828.000.

Dubowicz, Palemon W., 4,536,768, Cl. 343-736.000.

Ducote, Marjorie E.; and Allen, Henry C., 4,493,741, Cl. 149-19.400.

Ducote, Marjorie E.; and Greer, Charles L., Jr., 4,531,989, Cl. 149-19.200.

Ducote, Marjorie E., 4,552,706, Cl. 264-3.00R.

Dunn, Aubrey J., 4,513,434, Cl. 378-85.000.

Durenec, Peter; and Lowe, Clifford E., 4,524,675, Cl. 89-41.030.

Edelman, Seymour; and Ballard, Lowell D., 4,501,319, Cl. 165-84.000.

Edlin, George R.; Shumpert, Thomas H.; and Strickland, Brian R., 4,546,358, Cl. 343-703.000.

Eyman, Ralph A., 4,516,499, Cl. 102-293.000.

F'Geppert, Erwin, 4,502,571, Cl. 188-67.000.

F'Geppert, Erwin, 4,531,847, Cl. 384-519.000.

F'Geppert, Erwin, 4,558,606, Cl. 74-193.000.

Flatau, Abraham, 4,539,911, Cl. 102-374.000.

Fletcher, Robert H., Jr., 4,507,746, Cl. 364-717.000.

Funke, Maurice F.; and Morris, Joseph W. (said Joseph W. Morris assors. to), 4,494,422, Cl. 74-867.000.

Gant, Lawrence A., 4,533,183, Cl. 301-37.0TC.

Garcia, Moises R., deceased, 4,517,862, Cl. 81-119.000.

Gaskin, Virginia R.; Horvath, Eugene P.; and Jansson, Richard M., 4,501,131, Cl. 62-514.00R.

Gee, Gary W.; Shumate, Daniel L.; Nieder, John J.; Bump, Boyd E.; and Kource, Robert D., 4,532,815, Cl. 73-864.630.

Gerard, Henry M., 4,532,603, Cl. 364-819.000.

Gerharz, Reinhold, 4,517,569, Cl. 343-18.00D.

Gilvydis, Jaunutis B., 4,518,990, Cl. 358-87.000.

Gilvydis, Jaunutis B., 4,524,674, Cl. 89-36.00H.

Goll, Jeffrey H., 4,494,091, Cl. 333-151.000.

Goodall, Steve R.; Dubowicz, Palemon W.; and Campbell, Donn V., 4,513,338, Cl. 361-1.000.

Greer, Charles B.; Keehan, Donald W.; and Springer, John A., 4,554,648, Cl. 367-49.000.

Grinwald, Israel M., 4,530,411, Cl. 180-11.000.

Gualtieri, John G.; and Vig, John R., 4,493,991, Cl. 250-203.00R.

Gutierrez, William A.; and Wilson, Herbert L., 4,498,225, Cl. 29-572.000.

Gutleber, Frank S., 4,494,228, Cl. 370-18.000.

Gutleber, Frank S., 4,498,083, Cl. 343-380.000.

Gutleber, Frank S., 4,500,883, Cl. 343-383.000.

Gutleber, Frank S., 4,511,885, Cl. 340-347.0DD.

Gutleber, Frank S., 4,512,024, Cl. 375-34.000.

Gutleber, Frank S., 4,514,853, Cl. 375-34.000.

Gutleber, Frank S., 4,527,276, Cl. 375-23.000.

Gutleber, Frank S., 4,542,515, Cl. 375-17.000.

Gutleber, Frank S., 4,549,303, Cl. 375-25.000.

Hacskaylo, Michael, 4,557,569, Cl. 350-630.000.

Hager, Adolph G.; Freeman, Gerald L.; Rush, James P.; Branovich, Louis E.; and DuBuske, Stanley, 4,494,003, Cl. 250-474.100.

Hamer, Howard, 4,519,079, Cl. 371-38.000.

Hartley, Joseph H., 4,527,137, Cl. 333-137.000.

Haynes, Kenton L.; Sherer, William P.; Greene, Hugh W.; Holder, James D.; and Roberts, Thomas G., 4,514,684, Cl. 324-120.000.

Hemmings, Davis L., 4,531,869, Cl. 410-107.000.

Herman, Jan S.; Morrison, Peter A.; and Richards, Gerald P., 4,539,682, Cl. 371-15.000.

Hester, Troy L.; Thompson, Steven J.; and Long, James R., 4,547,974, Cl. 33-537.000.

Hoffmeister, Lawrence D.; and Thompson, Richard J., 4,556,438, Cl. 156-79.000.

Hoffmeister, Lawrence D.; Madderra, Jimmy M.; and Thompson, Richard J., 4,561,568, Cl. 222-130.000.

Holder, James D., 4,531,076, Cl. 315-4.000.

Holl, Herbert B., 4,498,768, Cl. 356-141.000.

Holmes, Allen B., 4,557,295, Cl. 137-813.000.

Horn, Stuart B.; Wright, Richard A.; and Dunmire, Howard L., 4,534,176, Cl. 62-6.000.

Howell, W. Max, 4,542,870, Cl. 244-3.150.

Huber, William A., 4,523,188, Cl. 340-734.000.

Iafrate, Gerald J.; Aucoin, Thomas A.; and Ferry, David K., 4,503,447, Cl. 357-16.000.

Ignacek, James F., 4,503,750, Cl. 89-34.000.

Jacobs, Harold; Dixon, Samuel, Jr.; and Malecki, Edmund E., 4,509,009, Cl. 324-95.000.

Jacobs, Harold; and Dixon, Samuel, Jr., 4,554,680, Cl. 455-326.000.

Jameson, Robert L., 4,493,264, Cl. 102-491.000.

Kaste, Robert P., 4,499,811, Cl. 89-14.500.

Klayman, Daniel L.; Scovill, John P.; Bartosevich, Joseph F.; Mason, Carl J.; and Griffin, T. Scott, 4,493,930, Cl. 544-360.000.

Knapp, Charles A., 4,534,810, Cl. 149-19.600.

Kronenberg, Stanley; and Lux, Robert A., 4,527,063, Cl. 250-370.000.

Lance, Clyde E.; and Hutchison, Wanda S., 4,516,827, Cl. 350-96.150.

Lebsock, Robert A., 4,561,681, Cl. 285-276.000.

Lee, Calvin K.; and Rapacz, Deirdre T., 4,500,592, Cl. 428-251.000.

Light, David O., Jr.; Hayes, Frank, III; and McGinty, Joseph R., 4,494,079, Cl. 331-1.00A.

Lilley, Jay S.; and Arszman, Jerrold H., 4,505,153, Cl. 73-117.400.

Lilley, Jay S., 4,554,823, Cl. 73-116.000.

Loomis, Jester M., III, 4,501,399, Cl. 244-3.130.

Magnuson, Roland A., 4,494,441, Cl. 89-38.000.

Maher, Robert A., 4,513,448, Cl. 455-265.000.

Majerus, John N.; and Walters, William P., 4,499,830, Cl. 102-476.000.

Malik, Roger J.; and Iafrate, Gerald J., 4,539,581, Cl. 357-58.000.

Marcus, Ira R., 4,513,064, Cl. 428-582.000.

Mariani, Elio A.; Stern, Richard A.; and Babbitt, Richard W., 4,538,123, Cl. 333-208.000.

McCormack, Ray G., 4,533,834, Cl. 250-554.000.

McDonald, Joseph K.; Merritt, James A.; and Stanley, Ann E., 4,529,489, Cl. 204-158.00R.

McDonald, Joseph K.; and Merritt, James A., 4,536,252, Cl. 156-662.000.

McDonnell, Michael M., 4,514,059, Cl. 350-162.160.

Miller, Walter E., Jr.; and McKelvy, James W., 4,514,690, Cl. 324-225.000.

Miller, Walter E., Jr.; Westrich, Richard G., Jr.; and Jones, Michael M., 4,556,313, Cl. 356-1.000.

Mirabella, Peter D., 4,503,004, Cl. 264-3.00R.

Mitchell, Robert R., 4,532,867, Cl. 102-213.000.

Modzinski, Charles J.; and Devaney, Michael J., 4,501,390, Cl. 237-12.30C.

Morr, Gary F.; and Duncan, William A., 4,500,997, Cl. 372-58.000.

Moyers, Thomas E., 4,544,844, Cl. 250-330.000.
Mui, Shou Y., 4,547,887, Cl. 375-1.000.
Nettleton, John E.; and Barr, Dallas N., 4,507,790, Cl. 372-100.000.
Overman, David L.; and Konick, William L., 4,559,419, Cl. 200-5.00R.
Phillippi, R. Michael; and Drzewiecki, Thadeusz M., 4,534,383, Cl. 137-840.000.
Pistor, Helmut H., 4,560,220, Cl. 339-74.00R.
Richey, Earl D., 4,542,819, Cl. 198-584.000.
Rittenbach, Otto, 4,499,467, Cl. 343-9.00R.
Roberts, Thomas G.; and Honeycutt, Thomas E., 4,512,639, Cl. 350-418.000.
Roberts, Thomas G., 4,517,798, Cl. 60-39.462.
Roberts, Thomas G.; and Honeycutt, Thomas L., 4,521,110, Cl. 356-350.000.
Roberts, Thomas G.; and Honeycutt, Thomas E., 4,548,496, Cl. 356-213.000.
Romano, Salvatore A., Jr., 4,532,380, Cl. 179-2.00C.
Rose, Douglas N., 4,501,777, Cl. 427-255.000.
Rose, Douglas N.; and Becker, John E., 4,513,807, Cl. 165-10.000.
Rose, Douglas N., 4,543,486, Cl. 250-492.100.
Saggiomo, Andrew J.; and Nodiff, Edward A., 4,554,279, Cl. 514-311.000.
Salomon, Mark; and Plichta, Edward J., 4,560,630, Cl. 429-194.000.
Savioli, Giulio V., 4,499,683, Cl. 42-69.00R.
Sayler, William M., 4,551,092, Cl. 432-32.000.
Sayles, David C., 4,508,929, Cl. 568-923.000.
Sayles, David C., 4,513,513, Cl. 34-1.000.
Sayles, David C., 4,515,912, Cl. 523-456.000.
Sayles, David C., 4,530,728, Cl. 149-19.600.
Schmidt, Jimmy Q., 4,524,323, Cl. 324-179.000.
Schmidt, Jimmy Q., 4,535,462, Cl. 377-2.000.
Schmidt, Jimmy Q.; and Loder, Rurik K., 4,542,342, Cl. 324-207.000.
Schwenk, Tyrone D., 4,512,488, Cl. 220-2.200.
Scott, Edward A., 4,524,386, Cl. 358-113.000.
Segletes, Steven B., 4,513,666, Cl. 102-476.000.
Seiler, James F. N., Jr., 4,491,014, Cl. 73-150.00A.
Seiler, James F. N., Jr., 4,494,563, Cl. 137-496.000.
Shreve, James S., 4,542,367, Cl. 340-347.0DA.
Smith, David C.; and Noto, Richard, 4,500,963, Cl. 364-300.000.
Smith, Roger R., 4,548,290, Cl. 180-9.100.
Smith, Thomas V., 4,519,169, Cl. 51-241.00S.
Sollott, Gilbert P.; and Gilbert, Everett E., 4,535,193, Cl. 568-941.000.
Starkenberg, John J.; and Gibbons, Gould, Jr., 4,545,829, Cl. 149-109.600.
Stern, Richard A.; and Babbitt, Richard W., 4,517,536, Cl. 333-254.000.
Stern, Richard A.; and Babbitt, Richard W., 4,542,357, Cl. 333-24.200.
Stewart, Roger G., 4,527,081, Cl. 307-270.000.
Stoltzmann, David E., 4,542,954, Cl. 350-1.300.
Stover, Harris A., 4,532,625, Cl. 370-58.000.
Swarthout, Richard L., 4,508,215, Cl. 206-3.000.
Sweeney, Donald W.; Gallagher, Neal C.; and Christensen, Charles R., 4,516,743, Cl. 244-3.130.
Van Caneghem, Rene J., 4,534,205, Cl. 73-12.000.
Vanderbeck, William E., 4,494,331, Cl. 42-70.00D.
Vig, John R., 4,539,532, Cl. 331-69.000.
Vig, John R.; and Ballato, Arthur, 4,554,717, Cl. 29-25.350.
Voigt, H. William, Jr., 4,514,341, Cl. 260-467.000.
Voigt, H. William, Jr., 4,543,220, Cl. 264-3.00C.
Walker, Charles W., Jr.; Wade, William L., Jr.; Binder, Michael; and Gilman, Sol, 4,560,628, Cl. 429-105.000.
Walters, William P., 4,510,870, Cl. 102-307.000.
Wandinger, Lothar; and Nalbandian, Vahakn, 4,496,913, Cl. 331-56.000.
Wayne, Robert J.; Laughman, Lanny M.; Mongeon, Robert J.; and Chenausky, Peter P., 4,498,179, Cl. 372-27.000.
Wayne, Robert J.; Henschke, Robert W.; and Mongeon, Robert J., 4,528,668, Cl. 372-26.000.
Weathers, Glenn D.; and Holliday, Edward M., 4,513,288, Cl. 343-17.2PC.
Wedel, John O., Jr., 4,535,460, Cl. 375-104.000.
White, Harold V., 4,495,850, Cl. 89-1.800.
White, Harold V., 4,501,187, Cl. 89-1.800.
White, Harold V., 4,541,178, Cl. 33-180.00R.
Wilson, Ben F., 4,534,293, Cl. 102-289.000.
Womack, Dennis R., 4,505,876, Cl. 376-326.000.
Wortman, Donald E.; Morrison, Clyde A.; and Leavitt, Richard P., 4,545,056, Cl. 372-2.000.
Wysor, Michael S.; and Zwelling, Leonard A., 4,532,122, Cl. 424-10.000.
Young, Harvey R., 4,514,142, Cl. 416-1.000.
Yuen, Harvard, 4,535,698, Cl. 102-529.000.

Commerce: *See—*
  Drullinger, Robert E., 4,558,218, Cl. 250-251.000.
  Hernandez, Gonzalo J., 4,525,067, Cl. 356-346.000.
  Kissam, Allan D., 4,504,498, Cl. 426-238.000.
  Kriz, Ronald D., 4,499,770, Cl. 73-599.000.
  Potzick, James E.; and Robertson, Baldwin, 4,520,320, Cl. 328-133.000.
  Scire, Fredric E.; and Teague, E. Clayton. 4,559,717, Cl. 33-568.000.

Energy: *See—*
  Abraham, Bernard M.; Miyano, Kenjiro; and Ketterson, John B., 4,537,064, Cl. 73-54.000.
  Aida, Tetsuo; Squires, Thomas G.; and Venier, Clifford G., 4,497,636, Cl. 44-15.00R.
  Aldissi, Mahmoud; and Liepins, Raimond, 4,503,205, Cl. 526-221.000.
  Aldissi, Mahmoud, 4,554,093, Cl. 252-500.000.
  Allensworth, Dwight L.; and Chen, Peter J., 4,524,295, Cl. 310-328.000.
  Amer, Nabil M., 4,540,285, Cl. 356-432.000.
  Anderson, David F., 4,527,064, Cl. 250-374.000.
  Anstine, Larry D.; James, Dean B.; Melaika, Edward A.; and Peterson, John P., Jr., 4,512,921, Cl. 252-626.000.
  Arlowe, H. Duane, 4,553,026, Cl. 235-451.000.
  Ayers, William J., Jr.; Carter, Charles R.; Griffith, Richard A.; Loomis, Richard B.; and Notestein, John E., 4,524,796, Cl. 137-240.000.
  Bacon, Frank M.; Brainard, John P.; O'Hagan, James B.; and Walko, Robert J., 4,529,571, Cl. 376-144.000.
  Bagnall, Christopher; and McBride, Marvin A., 4,558,202, Cl. 219-137.0WM.
  Bangerter, Roger O.; and Meeker, Donald J., 4,525,323, Cl. 376-106.000.
  Banker, John G., 4,493,737, Cl. 148-11.50R.
  Barclay, John A., 4,507,927, Cl. 62-3.000.
  Barclay, John A.; and Dyson, Jack E., 4,553,566, Cl. 137-625.110.
  Barker, Lynn M., 4,497,873, Cl. 428-547.000.
  Batzer, Thomas H.; and Call, Wayne R., 4,559,787, Cl. 62-55.500.
  Bauer, Roger E.; Straalsund, Jerry L.; and Chin, Bryan A., 4,507,227, Cl. 252-626.000.
  Baughman, Richard J.; and Ginley, David S., 4,550,014, Cl. 423-289.000.
  Beitz, James V., 4,555,318, Cl. 204-157.10R.
  Benett, William J.; and Alger, Terry W., 4,538,277, Cl. 372-33.000.
  Bennett, Gloria A.; Elder, Michael G.; and Kemme, Joseph E., 4,513,352, Cl. 361-385.000.
  Bergman, Robert G.; Janowicz, Andrew H.; and Periana-Pillai, Roy A., 4,511,745, Cl. 570-241.000.
  Berman, Samuel M.; and Richardson, Robert W., 4,549,110, Cl. 313-485.000.
  Bianchini, Gregory M.; and McRae, Thomas G., 4,535,639, Cl. 73-863.110.
  Biermann, Wendell J., 4,542,629, Cl. 62-476.000.
  Biermann, Wendell J., 4,546,620, Cl. 62-476.000.
  Blaedel, Kenneth L., 4,505,287, Cl. 137-12.000.
  Boettcher, Gordon E.; and Crain, Robert W., 4,550,273, Cl. 315-151.000.
  Boland, James F.; and Koenig, John F., 4,526,136, Cl. 122-451.100.
  Borden, Albert R., 4,529,837, Cl. 174-128.00S.
  Borden, Albert R., 4,554,731, Cl. 29-605.000.
  Brak, Stephen B., 4,493,179, Cl. 53-576.000.
  Brandt, Daniel, 4,562,334, Cl. 219-74.000.
  Bregoli, Lawrence J., 4,548,876, Cl. 429-39.000.
  Brogli, Rudolf H.; Shamasunder, Bangalore I.; and Seth, Shivaji S., 4,547,334, Cl. 376-389.000.
  Brown, Donald P., 4,548,053, Cl. 62-500.000.
  Brynestad, Jorulf; and Bamberger, Carlos E., 4,503,021, Cl. 423-297.000.
  Burklund, Patrick W., 4,548,266, Cl. 166-250.000.
  Butler, Barry L., 4,511,215, Cl. 350-295.000.
  Cahen, David; and Chen, Yih W., 4,559,282, Cl. 429-111.000.
  Caldwell, John T.; Kunz, Walter E.; Cates, Michael R.; and Franks, Larry A., 4,497,768, Cl. 376-153.000.
  Carey, A. Andrew; and Shor, Joel T., 4,540,503, Cl. 252-78.300.
  Carr, Kenneth R., 4,499,753, Cl. 73-59.000.
  Cawley, William E., 4,511,114, Cl. 248-550.000.
  Cawley, William E.; and Trapp, Turner J., 4,526,741, Cl. 376-185.000.
  Cawley, William E., 4,532,102, Cl. 376-185.000.
  Chapline, George F., Jr., 4,536,883, Cl. 378-36.000.
  Christiansen, David W.; and Schively, Dixon P., 4,493,812, Cl. 376-352.000.
  Christiansen, David W., 4,498,834, Cl. 414-291.000.
  Christiansen, David W.; Steffen, Jim M.; and Brown, William F., 4,537,741, Cl. 376-261.000.
  Christiansen, David W.; and Brown, William F., 4,542,267, Cl. 219-9.500.
  Christiansen, David W.; Brown, William F.; and Steffen, Jim M., 4,548,347, Cl. 228-48.000.
  Christie, Alan M.; and Snyder, Kurt I., 4,500,487, Cl. 376-283.000.
  Claytor, Thomas N.; and Karplus, Henry B., 4,542,644, Cl. 73-61.00R.
  Colburn, Richard P., 4,537,740, Cl. 376-256.000.
  Colburn, Richard P., 4,560,529, Cl. 376-251.000.
  Cole, Steven W., 4,528,503, Cl. 324-158.00D.
  Collins, H. Dale; Busse, Lawrence J.; and Lemon, Douglas K., 4,531,411, Cl. 73-603.000.
  Colmenares, Carlos A.; Somorjai, Gabor A.; and Maj, Joseph J., 4,532,230, Cl. 502-344.000.
  Cookson, Alan H., 4,554,399, Cl. 174-14.00R.

Copeland, Robert J., 4,523,629, Cl. 165-1.000.
Cowell, Gary K.; and DiGuiseppe, Carl P., 4,507,259, Cl. 376-173.000.
Cox, Samson A.; Bennett, Edgar F.; and Yule, Thomas J., 4,504,737, Cl. 250-435.000.
Cremers, David A.; and Keller, Richard A., 4,544,274, Cl. 356-436.000.
Cyrus, Jack D.; Kadlec, Emil G.; and Klimas, Paul C., 4,504,192, Cl. 416-41.000.
Dagenhart, William K., 4,531,077, Cl. 315-111.810.
Daughton, Christian G.; and Sakaji, Richard H., 4,506,987, Cl. 366-160.000.
David, Stan A.; and Woodhouse, John J., 4,499,758, Cl. 73-159.000.
Delnick, Frank M.; Guidotti, Ronald A.; and McCarthy, David K., 4,508,796, Cl. 429-112.000.
Doll, David W., 4,532,101, Cl. 376-136.000.
Dosch, Robert G.; Stephens, Howard P.; and Stohl, Frances V., 4,511,455, Cl. 208-10.000.
Downs, Robert E.; and Schwallie, Ambrose L., 4,547,335, Cl. 376-442.000.
Dubrin, James W., 4,514,363, Cl. 423-3.000.
Duchane, David V.; and Barthell, Barry L., 4,555,313, Cl. 204-3.000.
Dunn, James C.; Hardee, Harry C.; and Striker, Richard P., 4,547,080, Cl. 374-135.000.
Duran, Edward L., 4,544,376, Cl. 51-293.000.
Eberhard, Philippe H., 4,556,848, Cl. 324-309.000.
Eoff, James M., 4,544,859, Cl. 310-335.000.
Farnum, Eugene H.; and Fries, R. Jay, 4,544,520, Cl. 376-152.000.
Fasching, George E.; Evans, Donald M.; and Ernest, John H., 4,523,465, Cl. 73-290.00V.
Feldman, Barry J., 4,526,664, Cl. 204-157.10R.
Fiarman, Sidney; Degen, Michael F.; and Peters, Henry F., 4,505,218, Cl. 116-200.000.
Fiarman, Sidney, 4,523,186, Cl. 340-555.000.
Field, Michael E.; and Sullivan, William H., 4,495,807, Cl. 73-290.00R.
Fields, Stanley R., 4,535,250, Cl. 250-507.100.
Findl, Eugene, 4,529,670, Cl. 429-38.000.
Fish, Richard H., 4,518,490, Cl. 208-251.00R.
Fish, Richard H., 4,552,854, Cl. 502-26.000.
Fontana, Jack J.; and Reams, Walter, 4,500,674, Cl. 524-650.000.
Fox, Richard J., 4,515,474, Cl. 356-44.000.
Fraioli, Anthony V., 4,510,212, Cl. 429-30.000.
Frankel, Robert S.; and Herman, Alexander, 4,512,025, Cl. 375-36.000.
Freund, Samuel M.; Maier, William B., II; Holland, Redus F.; and Beattie, Willard H., 4,554,060, Cl. 204-157.10R.
Friedman, Horace A., 4,528,165, Cl. 423-10.000.
Friedman, Lewis; Buehler, Robert J.; Matthew, Michael W.; and Ledbetter, Myron, 4,559,096, Cl. 156-272.200.
Frost, Charles B., 4,518,718, Cl. 521-122.000.
Garcia, Elmer D., 4,510,930, Cl. 128-202.220.
Gay, Don D., 4,509,855, Cl. 356-72.000.
Gay, Don D.; and McMillan, William G., 4,530,250, Cl. 73-863.120.
George, E. Victor; and Schipper, John F., 4,510,605, Cl. 372-23.000.
George, E. Victor; and Swingle, James C., 4,529,943, Cl. 330-4.300.
George, E. Victor, 4,538,274, Cl. 372-3.000.
Gilbert, Hubert W., 4,532,646, Cl. 378-207.000.
Gillett, James E.; Garner, Daniel C.; Wineman, Arthur L.; and Robey, Robert M., 4,517,927, Cl. 122-510.000.
Giordano, Salvatore, 4,540,960, Cl. 333-228.000.
Glownia, James H.; and Sander, Robert K., 4,529,944, Cl. 330-4.300.
Gobeli, Garth W., 4,506,914, Cl. 283-70.000.
Greenhalgh, Wilbur O., 4,501,146, Cl. 73-290.00B.
Greenhalgh, Wilbur O., 4,509,978, Cl. 75-84.10R.
Groh, Edward F.; Cassidy, Dale A.; and Lewandowski, Edward F., 4,500,488, Cl. 376-409.000.
Gross, Kenny C.; and Laug, Matthew T., 4,495,143, Cl. 376-251.000.
Grossman, Robert J., 4,539,846, Cl. 73-579.000.
Grover, Jeffrey M.; and Williams, Luanne S., 4,543,233, Cl. 376-446.000.
Haas, Wendall M. B., 4,499,772, Cl. 73-666.000.
Halbach, Klaus, 4,549,155, Cl. 335-212.000.
Haldipur, Gaurang B.; Anderson, Richard G.; and Cherish, Peter, 4,493,636, Cl. 431-170.000.
Hammersand, Fred G.; and Witkowski, Anthony J., 4,506,822, Cl. 228-200.000.
Haney, Steven J.; Stulen, Richard H.; and Toly, Norman F., 4,538,068, Cl. 250-443.100.
Harris, William G., 4,537,249, Cl. 165-134.00R.
Hearn, William E.; and Rondeau, Donald J., 4,518,877, Cl. 307-490.000.
Hendricks, Charles D., 4,548,767, Cl. 264-7.000.
Herman, Raymond L., 4,515,007, Cl. 73-38.000.
Hill, Richard W.; Skinner, Dewey F.; and Thorsness, Charles B., 4,499,945, Cl. 166-50.000.
Hirschfeld, Tomas B., 4,528,078, Cl. 204-129.000.
Hochel, Robert C.; and Saturday, Kathy A., 4,522,794, Cl. 423-251.000.
Holcombe, Cressie E.; and Scott, Donald G., 4,528,939, Cl. 118-726.000.
Holcombe, Cressie E.; Masters, David R.; and Pfeiler, William A., 4,550,412, Cl. 373-155.000.
Holcombe, Cressie E., 4,559,429, Cl. 219-10.55F.
Honodel, Charles A., 4,499,828, Cl. 102-301.000.
Horton, Joel R.; and Eissenberg, David M., 4,510,121, Cl. 422-232.000.
Horton, Joel R., 4,549,954, Cl. 208-8.0LE.
Horwitz, E. Philip; Kalina, Dale G.; Kaplan, Louis; and Mason, George W., 4,548,790, Cl. 423-9.000.
Hudgens, Claude R., 4,560,897, Cl. 313-337.000.
Huebotter, Paul R.; and McLennan, George A., 4,560,533, Cl. 376-367.000.
Huffman, Lester H.; and Knoke, Gerald S., 4,536,035, Cl. 299-17.000.
Hunt, Arlon J.; Hansen, Leif J.; and Evans, David B., 4,499,893, Cl. 126-449.000.
Hurst, Fred J., Jr., 4,500,493, Cl. 423-10.000.
Huszagh, Donald W., 4,529,127, Cl. 239-112.000.
Iacovangelo, Charles D.; and Browall, Kenneth W., 4,526,812, Cl. 427-115.000.
Iacovangelo, Charles D.; and Browall, Kenneth W., 4,540,640, Cl. 429-41.000.
Iacovangelo, Charles D.; and Shores, David A., 4,548,877, Cl. 429-41.000.
Im, Kwan H.; and Ahluwalia, Rajesh K., 4,547,351, Cl. 423-242.000.
Jacobson, Albin K.; Rychnovsky, Raymond E.; and Visbeck, Cornelius N., 4,499,829, Cl. 102-378.000.
Jahn, Randy K.; and Liepins, Raimond, 4,500,562, Cl. 427-27.000.
Janoski, Edward J.; and Hollstein, Elmer J., 4,561,969, Cl. 208-262.000.
Johanson, Edward W.; and August, Charles, 4,548,513, Cl. 368-9.000.
Johnson, Eric A.; Demain, Arnold L.; and Madia, Ashwin, 4,540,664, Cl. 435-99.000.
Joy, Richard W., 4,560,626, Cl. 429-27.000.
Kapich, Davorin D., 4,500,093, Cl. 277-15.000.
Katz, Murray; and Schroll, Craig R., 4,548,874, Cl. 429-18.000.
Kaun, Thomas D., 4,540,642, Cl. 429-131.000.
Keough, Robert F.; and Meadows, George E., 4,528,032, Cl. 75-66.000.
King, C. Judson; and MacKenzie, Patricia D., 4,547,293, Cl. 210-638.000.
Kirpich, Aaron S., 4,491,681, Cl. 136-246.000.
Kline, Gerald R.; and Lakin, Kenneth M., 4,502,932, Cl. 204-192.0EC.
Kline, Gerald R.; and Lakin, Kenneth M., 4,556,812, Cl. 310-324.000.
Knapp, Furn F., Jr.; and Goodman, Mark M., 4,523,033, Cl. 562-496.000.
Knoedler, Reinhard; Nelson, Paul A.; Shimotake, Hiroshi; and Battles, James E., 4,508,797, Cl. 429-184.000.
Komarneni, Sridhar; and Roy, Della M., 4,537,710, Cl. 252-628.000.
Korenko, Michael K., 4,494,987, Cl. 75-124.000.
Kraft, Helmut; and Ledjeff, Konstantin, 4,497,880, Cl. 429-86.000.
Kramer, Daniel P., 4,536,203, Cl. 65-29.000.
Krishna, Coimbatore R.; and Milau, Julius S., 4,511,474, Cl. 210-512.100.
Kruse, Lyle W., 4,509,042, Cl. 340-600.000.
Kucera, Gene H.; and Roche, Michael F., 4,544,614, Cl. 429-193.000.
Kuklo, Thomas C., 4,523,612, Cl. 138-30.000.
Kulkarni, Satish V.; Christensen, Richard M.; and Toland, Richard H., 4,537,091, Cl. 74-572.000.
Kupperman, David S.; and Lanham, Ronald N., 4,559,827, Cl. 73-644.000.
Lambert, Donald R., 4,540,203, Cl. 285-226.000.
Landingham, Richard L., 4,560,621, Cl. 428-566.000.
Lauf, Robert J., 4,510,112, Cl. 264-234.000.
Lauritzen, Ted, 4,504,023, Cl. 242-54.00R.
Lechtenberg, Thomas, 4,533,406, Cl. 148-37.000.
Lee, David M.; and Lindquist, Lloyd O., 4,493,810, Cl. 376-254.000.
Lee, Kien-yin, 4,539,430, Cl. 564-511.000.
Lee, Kien-yin; and Coburn, Michael D., 4,552,598, Cl. 149-47.000.
Lee, Norman E., 4,509,856, Cl. 356-246.000.
Leung, Ka-Ngo; Ehlers, Kenneth W.; and Hiskes, John R., 4,559,477, Cl. 315-111.810.
Lewandowski, Edward F.; and Peterson, Leroy L., 4,499,708, Cl. 53-432.000.
Lloyd, Milton H.; Collins, Jack L.; and Shell, Sam E., 4,502,987, Cl. 252-635.000.
Longmire, Jerry L.; Thuot, Michael E.; and Warren, David S., 4,510,451, Cl. 328-130.100.
Macko, Joseph E.; and Estriplet, Isnard, 4,520,677, Cl. 73-861.000.
Makiel, Joseph M., 4,520,082, Cl. 429-26.000.
Mallon, Richard G.; Walton, Otis R.; Lewis, Arthur E.; and Braun, Robert L., 4,539,917, Cl. 110-256.000.

Maples, Robert A., 4,494,002, Cl. 250-377.000.
Maschke, Alfred W., 4,560,905, Cl. 315-5.410.
Materna, Peter A., 4,499,443, Cl. 335-216.000.
McAllister, John E., Jr., 4,499,034, Cl. 261-109.000.
McCarty, Kevin F.; and Schrader, Glenn L., 4,560,470, Cl. 208-215.000.
McGuire, Raymond R.; Coon, Clifford L.; Harrar, Jackson E.; and Pearson, Richard K., 4,525,252, Cl. 204-101.000.
McHargue, Carl J., 4,532,149, Cl. 427-38.000.
McKee, Douglas W.; Spiro, Clifford L.; and Kosky, Philip G., 4,558,027, Cl. 502-181.000.
McKelvey, Thomas E.; and Guarnieri, Joseph J., 4,527,005, Cl. 136-221.000.
McMullen, John W.; Wheeler, Michael G.; Cullingford, Hatice S.; and Sherman, Robert H., 4,497,775, Cl. 422-159.000.
McNeilly, David R., 4,542,346, Cl. 328-165.000.
McRae, Thomas G., Jr., 4,555,627, Cl. 250-334.000.
Meek, Thomas T.; and Blake, Rodger D., 4,529,856, Cl. 219-10.55M.
Meek, Thomas T.; and Blake, Rodger D., 4,529,857, Cl. 219-10.55M.
Meisner, John W.; Moore, Robert M.; and Bienvenue, Louis L., 4,505,644, Cl. 417-50.000.
Mientek, Anthony P., 4,514,475, Cl. 429-35.000.
Migliori, Albert; and Swift, Gregory W., 4,560,849, Cl. 219-10.510.
Mikesell, Charles R., 4,496,836, Cl. 250-231.00R.
Milewski, John V., 4,513,030, Cl. 427-227.000.
Mook, Herbert A., Jr., 4,543,230, Cl. 376-110.000.
Moore, David S.; and Schmidt, Stephen C., 4,545,679, Cl. 356-301.000.
Moore, David S.; and Schmidt, Stephen C., 4,555,176, Cl. 356-301.000.
Moretti, Alfred, 4,494,040, Cl. 315-5.410.
Motley, Robert W.; and Glanz, James, 4,511,782, Cl. 219-121.00P.
Moyer, Robert D., 4,546,313, Cl. 324-103.00P.
Murphy, Lawrence M., 4,552,438, Cl. 350-608.000.
Neet, Thomas E.; and Spieker, David A., 4,505,973, Cl. 428-317.900.
Nicholson, Nicholas; Dowdy, Edward J.; Holt, David M.; and Stump, Charles J., Jr., 4,497,769, Cl. 376-257.000.
Nielsen, Marshall G., 4,534,709, Cl. 417-65.000.
Oakley, David J.; and Groves, Oliver J., 4,558,982, Cl. 414-288.000.
Overmier, David K., 4,510,799, Cl. 73-151.000.
Panayotou, Nicholas F.; Green, Donald R.; and Price, Larry S., 4,562,037, Cl. 376-340.000.
Pardini, John A.; Brubaker, Robert C.; and Rusnak, John J., 4,515,750, Cl. 376-446.000.
Pavelka, Edwin A.; Grindstaff, Quirinus G.; and Scheppele, Stuart E., 4,540,304, Cl. 403-12.000.
Peterson, William J., 4,526,272, Cl. 198-819.000.
Phillips, John R.; Halbig, James K.; Menlove, Howard O.; and Klosterbuer, Shirley F., 4,510,117, Cl. 376-257.000.
Pitts, John R.; Thomas, Terence M.; and Czanderna, Alvin W., 4,547,432, Cl. 428-448.000.
Poa, David S.; and Yao, Neng-Ping, 4,544,616, Cl. 429-229.000.
Praeg, Walter F., 4,559,578, Cl. 361-139.000.
Prono, Daniel S., 4,507,589, Cl. 315-111.010.
Prono, Daniel S.; Caporaso, George J.; and Briggs, Richard J., 4,507,614, Cl. 328-233.000.
Prosnitz, Donald; and Szoke, Abraham, 4,506,229, Cl. 330-4.300.
Prosnitz, Donald; and Haas, Roger A., 4,510,455, Cl. 330-4.300.
Quinby, Thomas C., 4,537,818, Cl. 428-262.000.
Radke, Clayton J., 4,526,231, Cl. 166-270.000.
Radziemski, Leon J.; and Cremers, David A., 4,561,777, Cl. 356-318.000.
Reimann, Robert C.; and Root, Richard A., 4,548,048, Cl. 62-238.300.
Reynolds, Carl D., Jr., 4,510,363, Cl. 219-10.710.
Riggan, William C., 4,516,028, Cl. 250-370.000.
Robben, Franklin A., 4,558,664, Cl. 123-23.000.
Roper, John R., 4,541,287, Cl. 73-827.000.
Russell, Janet A.; and Riemath, William F., 4,508,886, Cl. 528-1.000.
Sarkisian, Paul H.; Reimann, Robert C.; and Biermann, Wendell J., 4,542,628, Cl. 62-335.000.
Schlitt, Leland G.; and Szoke, Abraham, 4,511,850, Cl. 330-4.300.
Schnacke, Arthur W., 4,510,213, Cl. 429-36.000.
Scribner, Kenneth J., 4,555,277, Cl. 149-19.400.
Shin, Yong W.; Wiedermann, Arne H.; and Ockert, Carl E., 4,562,036, Cl. 376-283.000.
Simpson, Marc L.; and McNeilly, David R., 4,516,020, Cl. 250-214.00L.
Skotheim, Terje A., 4,544,456, Cl. 204-59.00R.
Skotheim, Terji, 4,520,086, Cl. 429-192.000.
Slegeir, William A.; Healy, Francis E.; and Sapienza, Richard S., 4,561,859, Cl. 44-1.0SR.
Smith, Douglas D., 4,525,080, Cl. 374-115.000.
Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., 4,499,190, Cl. 436-122.000.
Spicer, Leonard D.; Bennett, Dennis W.; and Davis, Jon F., 4,529,710, Cl. 436-173.000.
Spurrier, Francis R.; DeZubay, Egon A.; Murray, Alexander P.; and Vidt, Edward J., 4,504,447, Cl. 422-204.000.
Srivastava, Suresh C.; Fawwaz, Rashid A.; and Richards, Powell, 4,500,508, Cl. 424-1.100.
Srivastava, Suresh C.; Meinken, George E.; and Richards, Powell, 4,533,541, Cl. 424-1.100.
Staiger, M. Daniel, 4,500,231, Cl. 406-198.000.
Steinberg, Meyer, 4,555,392, Cl. 423-244.000.
Stevens, Charles G., 4,504,953, Cl. 372-56.000.
Stone, William J., 4,501,473, Cl. 350-407.000.
Stone, William J., 4,523,849, Cl. 356-369.000.
Sugama, Toshifumi; Kukacka, Lawrence E.; and Horn, William H., 4,540,726, Cl. 523-505.000.
Sullivan, William N., 4,500,257, Cl. 416-32.000.
Summers, Mark A.; Eimerl, David; and Boyd, Robert D., 4,510,402, Cl. 307-427.000.
Summers, Mark A.; Hagen, Wilhelm F.; and Boyd, Robert D., 4,537,475, Cl. 350-448.000.
Summers, Mark A., 4,549,144, Cl. 330-4.300.
Susman, Sherman; Boehm, Leah; Volin, Kenneth J.; and Delbacq, Charles J., 4,542,108, Cl. 501-40.000.
Swift, Gregory W.; Migliori, Albert; and Wheatley, John C., 4,516,632, Cl. 165-167.000.
Szoke, Abraham; and Prosnitz, Donald, 4,500,843, Cl. 330-4.300.
Szwarc, Raphael, 4,512,960, Cl. 423-219.000.
Tan, Tai Ho; and Williams, Arthur H., 4,542,290, Cl. 250-213.0VT.
Taylor, Gene W.; and Roybal, Herman E., 4,511,373, Cl. 51-298.000.
Ternes, Mark P.; and Kedl, Robert J., 4,540,501, Cl. 252-70.000.
Thompson, David S.; and Scott, Darwin H., 4,554,131, Cl. 420-546.000.
Thompson, Larry D.; and Johnson, William R., Jr., 4,530,727, Cl. 148-2.000.
Thompson, R. Bruce, 4,522,071, Cl. 73-597.000.
Tsang, Chin-Fu; and Doughty, Christine A., 4,559,818, Cl. 73-154.000.
Vartsky, David; Wielopolski, Lucian; LoMonte, Anthony F.; Ellis, Kenneth J.; and Cohn, Stanton H., 4,556,068, Cl. 128-719.000.
Venkatesh, Mandyam C.; Peinado, Charles O.; and Koutz, Stanley L., 4,554,129, Cl. 376-298.000.
Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., 4,532,703, Cl. 29-599.000.
Vogel, Wolfgang M.; and Smith, Stanley W., 4,511,636, Cl. 429-41.000.
Waechter, David A.; Erkkila, Bruce H.; and Vasilik, Dennis G., 4,536,841, Cl. 364-414.000.
Waechter, David A.; Wolf, Michael A.; and Umbarger, C. John, 4,550,381, Cl. 364-527.000.
Wang, Rong; and Merz, Martin D., 4,496,635, Cl. 428-680.000.
Wei, George C., 4,543,345, Cl. 501-95.000.
Weil, Bradley S.; and Wetherington, Grady R., Jr., 4,544,839, Cl. 250-205.000.
Weitl, Frederick L.; and Raymond, Kenneth N., 4,543,213, Cl. 260-239.0BC.
Weller, Sol W., 4,518,478, Cl. 208-8.0LE.
Wheatley, John C.; Swift, Gregory W.; and Migliori, Albert, 4,538,464, Cl. 73-646.000.
Whetten, Nathan R.; and Kelley, John E., 4,500,785, Cl. 250-385.000.
Wilhelm, William G., 4,559,924, Cl. 126-426.000.
Wise, William L., 4,553,078, Cl. 318-592.000.
Yoldas, Bulent E.; and Partlow, Deborah P., 4,535,026, Cl. 428-310.500.
Zendle, Robert, 4,546,259, Cl. 250-484.100.
Zeren, Joseph D., 4,561,382, Cl 118-727.000.
Zimmermann, Eugene L.; and Kania, Don R., 4,515,173, Cl. 137-68.00R.
Zwick, Stanley A.; and Ackerman, John P., 4,499,663, Cl. 29-623.100.

Environmental Protection Agency: *See—*
Lin, Philip C.; and Ho, James S., 4,525,979, Cl. 53-268.000.
Pontius, Duane H.; and Bush, Phillip V., 4,518,401, Cl. 55-101.000.

General Counsel-Code GP: *See—*
Nelson, Charles W., 4,542,520, Cl. 378-58.000.

Health and Human Services: *See—*
Ames, Giovanna F.; and Kustu, Sydney G., 4,497,730, Cl. 260-112.00R.
Antonucci, Joseph M., 4,536,523, Cl. 523-115.000.
Barrett, Harrison H., 4,514,632, Cl. 250-368.000.
Bonner, Robert F., 4,522,494, Cl. 356-39.000.
Braatz, James A.; McIntire, Kenneth R.; and Princler, Gerald L., 4,514,506, Cl. 436-518.000.
Brossi, Arnold; and Kerekes, Peter, 4,533,675, Cl. 514-480.000.
Brossi, Arnold, 4,552,962, Cl. 546-74.000.
Christman, Chris L., 4,501,151, Cl. 73-646.000.
Daemer, Richard J.; Feinstone, Stephen M.; Gust, Ian D.; and Purcell, Robert H., 4,532,215, Cl. 435-237.000.
DeReggi, Aime S.; and Harris, Gerald R., 4,517,665, Cl. 367-163.000.
Gallo, Robert C.; Popovic, Mikulas; and Sarngadharan, Mangalasseril G., 4,520,113, Cl. 436-504.000.
Goldstein, Seth R.; and Jones, Robert, 4,530,698, Cl. 604-271.000.
Ito, Yoichiro, 4,532,039, Cl. 210-198.200.

Karpetsky, Timothy P.; and Brown, Glenn E., 4,495,279, Cl. 435-6.000.
Knight, William A., III, 4,520,031, Cl. 514-632.000.
Kolobow, Theodor; and Ito, Yoichiro, 4,551,251, Cl. 210-635.000.
Letsinger, Robert L.; and Schott, Margaret E., 4,547,569, Cl. 536-29.000.
Merril, Carl R.; and Goldman, David, 4,508,820, Cl. 435-29.000.
Merril, Carl R., 4,555,490, Cl. 436-86.000.
Neville, David M., Jr.; and Youle, Richard J., 4,500,637, Cl. 435-2.000.
Neville, David M., Jr.; and Youle, Richard J., 4,520,011, Cl. 424-85.000.
Neville, David M., Jr.; and Youle, Richard J., 4,520,226, Cl. 424-85.000.
Pastan, Ira; Willingham, Mark C.; and Fitzgerald, David J., 4,545,985, Cl. 424-85.000.
Peterson, John I., 4,544,231, Cl. 350-96.150.
Pitha, Josef, 4,546,097, Cl. 514-26.000.
Pitt, Colin G., 4,528,196, Cl. 514-533.000.
Purcell, Robert H.; and Feinstone, Stephen M., 4,511,556, Cl. 514-743.000.
Rice, Kenner C., 4,521,601, Cl. 546-45.000.
Rice, Kenner C., 4,556,712, Cl. 546-149.000.
Ruggera, Paul S.; and Kantor, Gideon, 4,527,550, Cl. 128-1.500.
Tabor, Edward; and Gerety, Robert J., 4,547,367, Cl. 424-89.000.
Tabor, Edward; and Gerety, Robert J., 4,547,368, Cl. 424-89.000.
Torrence, Paul F.; Johnston, Margaret I.; and Imai, Jiro, 4,515,781, Cl. 514-46.000.
VanPelt, Wilbur F.; and Peterson, Richard W., 4,550,422, Cl. 378-207.000.
Weigle, Robert M.; Duggan, Sharon; Foster, Candace; Miner, Jonathan; Vantucci, John; and Woozley, Mark, 4,502,475, Cl. 128-92.0EB.

Interior: *See—*
Campoli, Alan A.; and Garcia, Fred, 4,500,329, Cl. 55-189.000.
Cecala, Andrew B.; and Volkwein, Jon C., 4,530,112, Cl. 2-209.200.
Cole, Ernest R., Jr.; Lee, Agnes Y.; and Paulson, Danton L., 4,500,398, Cl. 204-117.000.
Divers, Edward F.; Lascola, John C.; and Behers, Robert G., 4,494,894, Cl. 405-290.000.
Eisenhauer, Roy J.; Loeser, Cary A.; and Goodner, Charles G., Jr., 4,554,822, Cl. 73-61.00R.
Lei, Kenneth P. V.; Eisele, Judith A.; and McClelland, Gene E., 4,554,058, Cl. 204-110.000.
Mainiero, Richard J., 4,537,133, Cl. 102-316.000.
Morrell, Roger J.; and Larson, David A., 4,501,448, Cl. 299-67.000.
Oden, Laurance L.; and Dunning, John S., 4,498,928, Cl. 75-124.000.
Seeley, Robert L., 4,551,681, Cl. 324-333.000.
Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., 4,552,730, Cl. 423-82.000.
Shirts, Monte B.; Martin, Dale A.; and Petersen, Allan E., 4,562,049, Cl. 423-82.000.
Simpson, Robert E., 4,497,578, Cl. 366-42.000.
Webb, William E.; and Church, Ronald H., 4,491,971, Cl. 455-100.000.

National Aeronautics and Space Administration: *See—*
Achar, Bappalige N.; Fohlen, George M., and Parker, John A., 4,499,260, Cl. 528-229.000.
Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., 4,522,755, Cl. 260-245.750.
Achar, Bappalige N.; Fohlen, George M.; and Parker, John A., 4,537,834, Cl. 428-413.000.
Agrawal, Anil K.; Mullen, Philip G.; and Vadakan, Vivatvong V., 4,493,021, Cl. 364-200.000.
Alario, Joseph P.; Brown, Richard F.; and Kosson, Robert L., 4,515,207, Cl. 165-1.000.
Alcorn, George E.; Leinkram, Charles Z.; and Okunola, Olatunji, 4,543,442, Cl. 136-255.000.
Aldrich, Billy R.; and Whitt, William D., 4,544,025, Cl. 165-65.000.
Banks, Bruce A., 4,495,044, Cl. 204-192.00C.
Bankston, Benjamin F., 4,551,677, Cl. 324-226.000.
Barmatz, Martin B.; Allen, James L.; and Granett, Dan, 4,520,656, Cl. 73-505.000.
Barmatz, Martin B.; Stoneburner, James D.; Jacobi, Nathan; and Wang, Taylor G., 4,523,682, Cl. 209-638.000.
Barmatz, Martin B.; Granett, Dan; and Lee, Mark C., 4,549,435, Cl. 73-505.000.
Belew, Robert R., 4,536,114, Cl. 410-156.000.
Benz, Frank J.; Shaw, Randall C.; and Dixon, David S., 4,561,784, Cl. 374-8.000.
Bergstrom, Sheryl L.; and Foutch, Gary L., 4,539,293, Cl. 435-160.000.
Berry, Robert F., Jr., 4,558,585, Cl. 73-1.0DV.
Bird, Richard G.; and Berson, Leo A., 4,557,149, Cl. 73-862.540.
Blackburn, Linda B.; and Ellingsworth, John R., 4,535,636, Cl. 73-831.000.
Breckinridge, James B.; Page, Norman A.; Shack, Roland V.; and Shannon, Robert R., 4,497,540, Cl. 350-168.000.
Breckinridge, James B.; and O'Callaghan, Fred G., 4,523,846, Cl. 356-346.000.
Buckley, John D.; Swaim, Robert J.; Fox, Robert L.; and Johnston, David F., 4,521,659, Cl. 219-10.770.
Buehler, Martin G., 4,516,071, Cl. 324-158.00R.
Bunker, James W.; and Ritchie, Robert S., 4,512,678, Cl. 403-15.000.
Bush, Harold G.; and Wallsom, Richard E., 4,518,277, Cl. 403-102.000.
Byrne, Frank, 4,540,986, Cl. 343-6.80R.
Campbell, Thomas G., 4,514,143, Cl. 416-23.000.
Carle, Glenn C.; Kojiro, Daniel R.; and Humphry, Donald E., 4,538,066, Cl. 250-374.000.
Cawley, James D., 4,540,336, Cl. 415-174.000.
Chandler, Joseph A., 4,523,741, Cl. 251-325.000.
Chen, Dan Y., 4,547,686, Cl. 307-570.000.
Chu, Huai-Pu; and Staugaitis, Charles L., 4,552,784, Cl. 427-192.000.
Chubb, Donald L., 4,528,417, Cl. 136-253.000.
Clark, Keith H., 4,508,296, Cl. 244-158.00R.
Clark, Keith H., 4,545,723, Cl. 414-730.000.
Clatterbuck, Carroll H.; and Ruitberg, Arthur P., 4,510,476, Cl. 336-84.00C.
Claus, Richard O.; and Turner, Tyson M., 4,512,661, Cl. 356-351.000.
Coffinberry, George A., 4,550,561, Cl. 60-39.020.
Cohen, Marc M., 4,544,068, Cl. 211-74.000.
Collins, Earl R., Jr., 4,537,554, Cl. 414-328.000.
Connelly, Dale L., 4,521,077, Cl. 350-319.000.
Craig, Glenn D., 4,546,248, Cl. 250-225.000.
Craig, Glenn D., 4,556,986, Cl. 382-42.000.
Cramer, Paul W., Jr., 4,503,436, Cl. 343-876.000.
Cunningham, Robert E., 4,517,505, Cl. 318-611.000.
Debnam, William J., Jr.; Fripp, Archibald L.; and Crouch, Roger K., 4,491,427, Cl. 374-208.000.
Ebihara, Ben T., 4,527,092, Cl. 315-5.380.
Edwards, Thomas R., 4,528,639, Cl. 364-723.000.
Elliott, David G., 4,514,137, Cl. 415-1.000.
Evans, Jack; and Studer, Philip A., 4,500,265, Cl. 417-417.000.
Finke, Robert C.; and Banks, Bruce A., 4,545,553, Cl. 244-134.00D.
Fleming, David P., 4,527,910, Cl. 384-99.000.
Gahn, Randall F.; and Hagedorn, Norman H., 4,543,302, Cl. 429-15.000.
Goldstein, Richard M.; Caro, Edward R.; and Wu, Chialin, 4,551,724, Cl. 343-5.0CM.
Goss, Willis C.; Nelson, Mark D.; and McLauchlan, John M., 4,523,810, Cl. 350-320.000.
Grasso, Albert P., 4,509,548, Cl. 137-99.000.
Hepner, Timothy E.; and Meyers, James F., 4,545,025, Cl. 364-728.000.
Hergenrother, Paul M., 4,510,296, Cl. 525-534.000.
Heyman, Joseph S.; and Brandenburger, Gary H., 4,513,750, Cl. 128-660.000.
Hoover, Richard B.; and Hildner, Ernest, 4,562,583, Cl. 378-43.000.
Hsu, Li-Chen; Philipp, Warren H.; Sheibley, Dean W.; and Gonzalez-Sanabria, Olga D., 4,505,998, Cl. 429-206.000.
Jackson, L. Robert; Davis, Randall C.; and Taylor, Allan H., 4,512,699, Cl. 411-368.000.
Jackson, L. Robert; and Taylor, Allan H., 4,557,444, Cl. 244-172.000.
Jain, Atul, 4,509,048, Cl. 343-5.0CM.
Johnson, Dean L., 4,507,928, Cl. 62-3.000.
Kalil, Lou F.; and Reinhardt, Victor, 4,556,327, Cl. 374-115.000.
Katz, Joseph; Yariv, Amnon; and Margalit, Shlomo, 4,513,423, Cl. 372-50.000.
Kavaya, Michael J., 4,509,132, Cl. 364-571.000.
Kelm, James S.; Vickers, Edward C.; Williams, Jesse J.; and Taylor, Jack R., 4,534,166, Cl. 60-39.230.
Kleinberg, Leonard L., 4,553,110, Cl. 331-116.0FE.
Koda, N. John, 4,522,469, Cl. 350-342.000.
Korb, Charles L.; and Kalshoven, James E., Jr., 4,493,553, Cl. 356-43.000.
Kravitz, Marvin; Freedman, Larry A.; Fredd, Elmer H.; and Denef, Dan E., 4,495,520, Cl. 358-219.000.
Krieg, Herman C., Jr., 4,515,751, Cl. 422-86.000.
Kumar, Devendra; Fohlen, George M.; and Parker, John A., 4,550,177, Cl. 548-413.000.
Kuminecz, Jerome F.; and Lausten, Merlyn F., 4,519,545, Cl. 239-288.000.
Lansing, Fikry L., 4,512,332, Cl. 126-415.000.
Lauver, Richard W., 4,495,339, Cl. 526-262.000.
Lauver, Richard W., 4,497,939, Cl. 526-262.000.
Lauver, Richard W., 4,497,940, Cl. 526-262.000.
Lauver, Richard W., 4,497,948, Cl. 528-342.000.
Lauver, Richard W., 4,514,557, Cl. 528-342.000.
Lee, Mark C., 4,553,917, Cl. 425-6.000.
Linlor, William I., 4,542,963, Cl. 350-537.000.
Lukens, Fred E., 4,551,687, Cl. 330-258.000.
Manges, David R., 4,542,858, Cl. 242-54.00R.
McLauchlan, John M.; AuYeung, John; Tubbs, Eldred F.; Goss, Willis C.; and Psaltis, Demetri, 4,533,242, Cl. 356-5.000.
Menzies, Robert T.; and Rutledge, Charles W., 4,509,130, Cl. 364-556.000.
Mikroyannidis, John A., 4,536,565, Cl. 528-352.000.
Mikulas, Martin M., Jr., and Crawford, Robert F., 4,557,097, Cl. 52-646.000.

Mirtich, Michael J.; Sovey, James S.; and Banks, Bruce A., 4,560,577, Cl. 427-38.000.
Morris, James F., 4,506,183, Cl. 310-306.000.
Morrison, Andrew D.; and Daud, Taher, 4,522,661, Cl. 148-33.200.
Nesmith, Malcolm F., 4,547,121, Cl. 414-753.000.
Nir, Zohar; and Gilwee, William J., Jr., 4,550,129, Cl. 523-433.000.
Outlaw, Ronald A.; and Baugh, Bill T., 4,516,435, Cl. 73-863.110.
Papell, S. Stephen, 4,529,358, Cl. 416-97.00A.
Parker, John A.; Heimbuch, Alvin H.; Hsu, Ming-Ta S.; and Chen, Timothy S., 4,526,925, Cl. 524-548.000.
Parthasarathy, Shakkottai P., 4,498,333, Cl. 73-40.50A.
Patterson, James C., Jr., 4,533,101, Cl. 244-199.000.
Poorman, Richard M., 4,513,810, Cl. 165-61.000.
Poshkus, Algirdas C., 4,528,386, Cl. 549-335.000.
Rand, James L., 4,498,231, Cl. 29-610.0SG.
Ravindram, Maddury; and Kalvinskas, John J., 4,511,362, Cl. 44-1.0SR.
Reichman, Benjamin; and Byvik, Charles E., 4,511,838, Cl. 324-71.500.
Reynolds, George H.; Elsner, Norbert B.; and Shearer, Clyde H., 4,545,967, Cl. 423-263.000.
Rhim, Won-Kyu; Saffren, Melvin M.; and Elleman, Daniel D., 4,521,854, Cl. 364-400.000.
Ross, Bernd, deceased; Bickler, Donald B.; and Gallagher, Brian D., 4,524,237, Cl. 136-261.000.
Rowlette, John J., 4,499,424, Cl. 324-427.000.
Ruitberg, Arthur P.; and Young, Kenneth M., 4,517,472, Cl. 307-82.000.
Ruoff, Carl F., 4,553,393, Cl. 60-528.000.
Ruoff, Carl F., Jr., 4,513,317, Cl. 358-133.000.
St. Clair, Anne K.; and St. Clair, Terry L., 4,497,935, Cl. 525-181.000.
St. Clair, Anne K.; Stoakley, Diane M.; St. Clair, Terry L.; and Singh, Jag J., 4,510,277, Cl. 523-454.000.
St. Clair, Anne K.; and St. Clair, Terry L., 4,543,295, Cl. 428-458.000.
St. Clair, Terry L.; and Burks, Harold D., 4,552,931, Cl. 525-432.000.
Schuerer, Paul H.; Ehl, James H.; and Prasthofer, Willibald P., 4,548,083, Cl. 73-827.000.
Schutt, John B.; and Shai, Michael C., 4,518,722, Cl. 523-135.000.
Shlichta, Paul J., 4,512,846, Cl. 156-623.00Q.
Shlichta, Paul J., 4,517,048, Cl. 156-621.000.
Singh, Jag J.; and Sprinkle, Danny R., 4,538,446, Cl. 73-3.000.
Smialek, James L.; and Rybicki, George C., 4,535,035, Cl. 428-698.000.
Smith, Stephen F., 4,550,292, Cl. 331-2.000.
Smyly, Harold M.; Miller, Charles D.; Cloyd, Richard A.; and Heller, Clarence, 4,554,905, Cl. 124-56.000.
Stacey, Albert B., Jr., 4,520,601, Cl. 52-127.700.
Stacey, Joseph M., 4,4[illegible]9,470, Cl. 343-352.000.
Stecura, Stephan, 4,535,033, Cl. 428-633.000.
Stephens, James B.; Yang, Mary M.; and Laue, Eric G., 4,514,278, Cl. 204-430.000.
Sydnor, Richard L., 4,517,530, Cl. 331-3.000.
Varma, Indra K.; Fohlen, George M.; and Parker, John A., 4,496,701, Cl. 526-262.000.
Vogl, Otto; and Borsig, Eberhard, 4,523,008, Cl. 528-288.000.
von Pragenau, George L., 4,545,586, Cl. 277-53.000.
Warren, Edward L., 4,552,466, Cl. 384-103.000.
Weinstein, Leonard M., 4,493,211, Cl. 73-147.000.
Westfall, Leonard J., 4,518,625, Cl. 427-37.000.
Whipple, Raymond D., 4,496,122, Cl. 244-75.00R.
White, William L., 4,538,778, Cl. 244-75.00R.
Yamakawa, Kazuo A., 4,500,492, Cl. 422-199.000.
Yang, Lien C., 4,532,797, Cl. 73-75.000.
Yin, Lo I., 4,521,688, Cl. 250-363.00S.

National Security Agency: *See—*
Williams, Richard P., 4,497,042, Cl. 365-5.000.

Navy: *See—*
Abbott, Frank R., 4,499,566, Cl. 367-165.000.
Adams, James D., 4,541,778, Cl. 416-193.00A.
Addamiano, Arrigo; and Klein, Philipp H., 4,512,825, Cl. 148-175.000.
Addamiano, Arrigo, 4,556,436, Cl. 148-175.000.
Alexander, Billy R., 4,492,014, Cl. 29-259.000.
Allen, Edwin M.; Foust, Eugene C.; Sievert, Steven A.; Fitzgerald, William C.; and Moffitt, Max L., 4,523,842, Cl. 356-124.000.
Andreoli, Charles R., 4,509,427, Cl. 102-261.000.
Andrew, Wesley A.; Shields, Curtis E.; Hindlin, Harry O.; and Hamilton, Robert, 4,533,333, Cl. 441-38.000.
Assard, Gerald L.; and Moorcroft, Arthur L., 4,523,120, Cl. 310-323.000.
Ayoub, Peter; and Cantor, Alan, 4,527,758, Cl. 244-150.000.
Bailard, James A.; and Jenkins, Scott A., 4,506,686, Cl. 134-57.00R.
Bailey, Theodore B., 4,502,758, Cl. 350-267.000.
Baird, J. Mark; Barnett, Larry R.; and Lau, Yue-Ying, 4,554,483, Cl. 315-4.000.
Barrett, Terence W., 4,555,177, Cl. 356-318.000.
Bates, Jack; and Clayson, Arthur E., 4,534,265, Cl. 89-14.600.
Bekefi, George; and McMullin, Wayne A., 4,530,096, Cl. 372-4.000.
Bender, Roland, 4,560,228, Cl. 339-147.00R.
Bernett, Marianne K.; Weber, David C.; and Ravner, Harold, 4,526,832, Cl. 428-336.000.
Beyer, Henry R.; DeSipio, Richard G.; Long, Thomas F.; and Ritz, Joseph, 4,500,885, Cl. 343-456.000.
Blodgett, Jerry A.; Szu, Harold H.; Giles, C. Lee; and Athale, Ravindra, 4,505,544, Cl. 350-162.130.
Bloomer, James W., II; and Nunn, Robert H., 4,498,729, Cl. 73-9.000.
Bobb, Lloyd C., 4,524,322, Cl. 324-72.000.
Bolt, Conway A., Jr.; Cassen, John W.; and Schrank, Helmut E., 4,547,776, Cl. 343-741.000.
Bond, Gary M.; and Marshall, Albert H., 4,504,232, Cl. 434-11.000.
Bottka, Nicholas; Lessoff, Howard; and Hills, Marian E., 4,492,434, Cl. 350-356.000.
Bottka, Nicholas; Schwartz, Robert W.; and Thun, Wayne E., 4,524,090, Cl. 427-53.100.
Bowling, Donald R.; Kinman, Darry M.; Afendykiw, Marko; and White, David J., 4,497,030, Cl. 364-481.000.
Bowling, Donald R.; and Smith, Charles F., 4,503,406, Cl. 333-245.000.
Brady, John A., Jr., 4,530,024, Cl. 361-63.000.
Brauer, Larry F.; and Leach, Roger W., 4,526,104, Cl. 102-228.000.
Brown, Douglas E.; and Matthews, William, 4,554,650, Cl. 367-154.000.
Brown, Robert M., 4,491,960, Cl. 382-26.000.
Burchfield, William L.; Carr, Edward L.; and Laskowski, Gordon J., 4,534,476, Cl. 212-190.000.
Burns, William K.; and Moeller, Robert P., 4,556,293, Cl. 350-400.000.
Burroughs, James A., 4,529,966, Cl. 340-347.0CC.
Byram, George W., 4,492,923, Cl. 324-207.000.
Campbell, Nancy L.; Pinto, John G.; Drewe, John A.; Hayes, Patrick D.; and Nelson Robert A., 4,503,307, Cl. 219-10.55E.
Cangialosi, Arthur D., 4,534,648, Cl. 356-350.000.
Cantrell, Ben H., 4,555,703, Cl. 343-5.0SA.
Carver, Michael J., 4,557,608, Cl. 374-170.000.
Chadwick, William R.; and Rose, Conrad M., 4,541,591, Cl. 244-3.150.
Chamberland, Roger R.; and Stanland, Andrew J., 4,498,491, Cl. 137-72.000.
Chang, Marguarite S.; and Orndoff, Robert R., 4,526,980, Cl. 548-258.000.
Chiang, Bing; and Sheleg, Boris, 4,556,855, Cl. 333-113.000.
Childers, Carroll D., 4,527,459, Cl. 89-161.000.
Christianson, Charles L.; and Spurlock, Richard, 4,524,279, Cl. 250-497.100.
Clark, Keith E.; and Woods, Charles E., 4,520,973, Cl. 244-3.160.
Coblenz, William S., 4,539,300, Cl. 501-98.000.
Coder, David W.; Wisler, Benjamin B., Jr.; Clark, Albert P.; and Ratcliffe, Raymond J., 4,532,801, Cl. 73-432.00R.
Coleman, H. Paris, 4,494,117, Cl. 343-365.000.
Coleman, Jeffrey L., 4,493,281, Cl. 114-20.00R.
Coles, Russell I.; Griest, Norman J.; Marando, Raoul J.; and Suleske, Aaron A., 4,547,164, Cl. 441-84.000.
Collins, David A.; Lile, Derek L.; and Zeisse, Carl R., 4,555,273, Cl. 148-1.500.
Condell, William J., Jr., 4,543,655, Cl. 372-2.000.
Cooke, Michael W.; Arriola, Arturo; Stegman, Julius M.; and Collins, Kenneth D., 4,495,849, Cl. 89-1.140.
Cooper, Merton G.; Kerns, William R.; Filley, Daniel E.; and Koschnick, Gary A., 4,509,549, Cl. 137-327.000.
Corzine, Robert G.; and Mosko, Joseph A., 4,525,720, Cl. 343-895.000.
Cowen, Steven J.; and Young, Christopher M., 4,509,827, Cl. 350-320.000.
Crabtree, Daniel L., 4,551,759, Cl. 358-213.000.
Crosbie, Richard J.; and Edwards, Paul R., 4,534,338, Cl. 128-1.00A.
Dale, John R., 4,493,664, Cl. 441-7.000.
Dale, Lawrence A.; Grenleski, Stephen E., Jr.; Keirsey, James L.; and Stevens, Charles E., 4,539,811, Cl. 60-270.100.
Danforth, Philip G.; Bucko, Thomas G.; Galliher, Kenneth R.; Lucia, Joseph T.; Miller, Richard L.; and Straw, Timothy B., 4,518,915, Cl. 324-158.00R.
De Fusco, Albert A.; and Nielsen, Arnold T., 4,531,013, Cl. 564-428.000.
Diels, Jean-Claude, 4,525,843, Cl. 372-94.000.
Doane, William J., 4,498,368, Cl. 89-1.817.
Donohue, Terence; and Geosling, Christine E., 4,528,080, Cl. 204-157.10R.
Duhl, David N.; and Nguyen-Dinh, Xuan, 4,492,672, Cl. 420-448.000.
Dwyer, Roger F., 4,530,076, Cl. 367-135.000.
Edmonds, David A., 4,513,664, Cl. 102-216.000.
Elson, John M., 4,548,506, Cl. 356-446.000.
Elton, Raymond C.; Dixon, Robert H.; and Ford, James L., 4,508,055, Cl. 118-724.000.
Evans, Alan G., 4,550,601, Cl. 73-382.00R.
Fenneman, David B.; Rinehart, Larry F.; and Hardesty, Leonard W., Jr., 4,516,077, Cl. 324-425.000.
Ferrante, Ronald A., 4,514,479, Cl. 430-2.000.
Fletcher, Aaron N.; McManis, George E., III; and Bliss, Dan E., 4,555,455, Cl. 429-112.000.

Fletcher, Aaron N.; and Knipe, Richard H., 4,562,580, Cl. 372-69.000.
Flood, Robert A.; Talkington, Howard R.; Wheelock, Richard A.; and Watts, Robert L., 4,494,938, Cl. 441-33.000.
Foster, John S., 4,493,260, Cl. 102-307.000.
Fowler, Steven E.; Hennings, George N.; and McVay, James V., 4,541,341, Cl. 102-215.000.
French, Don M., 4,539,533, Cl. 332-9.00R.
French, Donald M., 4,543,066, Cl. 434-242.000.
Garcia, Graham A.; and Cowen, Steven J., 4,510,607, Cl. 372-49.000.
Geller, Myer; Keenan, Thomas E.; Altman, Daniel E.; and Patterson, Richard H., 4,493,114, Cl. 455-617.000.
Gholson, Norman H., 4,494,115, Cl. 340-825.650.
Giuliani, John F.; and Wohltjen, Henry, 4,513,087, Cl. 436-96.000.
Glasgow, D. Gerald; and Satanek, Joseph, 4,524,190, Cl. 525-370.000.
Goldberg, Lawrence S., 4,512,660, Cl. 356-301.000.
Goldstein, David, 4,561,272, Cl. 70-417.000.
Gomez, Aldan D.; and Gennetten, Edward W., 4,513,329, Cl. 360-42.000.
Greene, Richard F., 4,499,481, Cl. 357-22.000.
Greene, Richard F.; and Gray, Henry F., 4,513,308, Cl. 357-55.000.
Gripshover, Ronald J.; and Rinehart, Larry F., 4,491,842, Cl. 343-18.00E.
Groutage, Frederick D.; Conjerti, Samuel N.; and Shaw, Lockburn S., 4,493,136, Cl. 24-573.000.
Haas, George A.; Shih, Arnold; and Marrian, Christie R. K., 4,492,866, Cl. 250-305.000.
Hamid, Michael; and Lionis, Anastasios, 4,494,835, Cl. 351-158.000.
Hannan, Patrick J.; Stiffey, Arthur V.; Jarvis, N. Lynn; and Wohltjen, Henry, 4,513,280, Cl. 340-632.000.
Hannmann, Ralph A., Jr.; and Higginbotham, James F., 4,515,065, Cl. 91-363.00A.
Hanson, Paul A.; and Walton, James M., 4,514,834, Cl. 367-141.000.
Healy, Leonard D., 4,506,324, Cl. 364-200.000.
Heller, Carl A.; Erickson, Eric D.; and Greni, Sterling R., 4,496,520, Cl. 422-60.000.
Hellgren, Leroy L., 4,509,808, Cl. 339-17.00R.
Henry, John W., IV, 4,493,514, Cl. 384-613.000.
Higginbotham, Robert R.; and Malakhoff, Alexander, 4,495,809, Cl. 73-432.0SD.
Hill, Terry E.; Riley, George R.; Linse, Vonne D.; Green, Sheryll C.; and Tack, Paul G., 4,552,298, Cl. 228-2.500.
Hinton, George F., 4,546,317, Cl. 324-301.000.
Hislop, Alfred R., 4,492,960, Cl. 343-5.0DD.
Hoffman, Craig A.; Meyer, Jerry R.; and Bartoli, Filbert, 4,558,923, Cl. 350-354.000.
Hollmann, Martin; and Waclawik, Francis J., 4,523,538, Cl. 114-238.000.
Hooper, Ronald; and Nichols, Kenneth, 4,553,439, Cl. 74-5.400.
Hoover, Mervyn C., Jr.; and Heydlauff, Bruce M., 4,507,661, Cl. 343-351.000.
Howard, Dean D.; and Cross, David C., 4,504,835, Cl. 343-755.000.
Howarth, Robert F., 4,499,584, Cl. 375-58.000.
Hughes, Richard S., 4,494,084, Cl. 333-81.00R.
Hugus, George D.; and Young, A. Mark, 4,556,963, Cl. 367-143.000.
Hutcheson, Don S., 4,493,262, Cl. 102-363.000.
Insinger, Richard H., III; and Rodemann, Alfred H., 4,500,295, Cl. 434-218.000.
Johnson, Nancy C.; and Gotzmer, Carl, Jr., 4,521,260, Cl. 149-19.910.
Jones, Thomas E., 4,518,632, Cl. 427-118.000.
Karwacki, Francis A.; and Griffin, Joseph, 4,509,014, Cl. 324-305.000.
Karwacki, Francis A., 4,544,891, Cl. 324-304.000.
Keller, Patrick N.; and Seal, Clinton D., 4,517,593, Cl. 358-107.000.
Kim, Kyung J., 4,494,039, Cl. 315-4.000.
Kim, Oh-Kim, 4,529,538, Cl. 252-500.000.
Kovacena, Thomas A.; DeMarco, Ronald A.; and Snow, Arthur W., 4,551,349, Cl. 427-255.600.
Kovacina, Thomas A.; DeMarco, Ronald A.; and Snow, Arthur W., 4,535,011, Cl. 427-255.600.
Krasnjanski, David, 4,509,131, Cl. 364-565.000.
Kretschmer, Frank F., 4,513,289, Cl. 343-17.2PC.
Kretschmer, Frank F., 4,524,363, Cl. 343-17.2PC.
Laskowski, Gordon J., 4,509,431, Cl. 104-250.000.
Lau, Yue-Ying; and Barnett, Larry R., 4,550,271, Cl. 315-4.000.
Lee, Lester A., 4,506,368, Cl. 372-53.000.
Lehto, Delbert L., 4,492,121, Cl. 73-705.000.
Lewis, Bernard L.; and Kretschmer, Frank F., Jr., 4,507,659, Cl. 343-17.2PC.
Lewis, Bernard L., 4,509,051, Cl. 343-17.2PC.
Lewis, Bernard L., 4,521,779, Cl. 343-17.2PC.
Lewis, Bernard L., 4,524,362, Cl. 343-17.2PC.
Lin, Samuel S., 4,531,196, Cl. 364-827.000.
Lin, Samuel S., 4,531,197, Cl. 364-827.000.
Lippitt, Maxwell W., Jr.; and Nuckols, Marshall L., 4,503,565, Cl. 2-2.10R.
Liu, Yet-Zen; Hong, Chi-Shain; Dapkus, P. Danial; and Coleman, James J., 4,517,674, Cl. 372-45.000.
Liu, Yet-Zen; Hong, Chi-Shain; and Dapkus, P. Danial, 4,521,887, Cl. 372-45.000.
Lorch, Daniel L., 4,508,294, Cl. 244-122.0AG.
Lucas, Michael R., 4,531,285, Cl. 29-827.000.
Lukens, James E.; and Mankiewich, Paul M., 4,526,858, Cl. 430-296.000.
Lusk, Kenneth P., 4,520,428, Cl. 361-399.000.
Manheimer, Wallace; and Levush, Baruch, 4,559,475, Cl. 315-4.000.
Manheimer, Wallace M.; Ott, Edward; and Bondeson, Anders, 4,491,765, Cl. 315-4.000.
Manheimer, Wallace M.; and Winsor, Niels K., 4,548,782, Cl. 376-127.000.
Manuccia, Thomas J.; and Eden, J. Gary, 4,509,522, Cl. 128-634.000.
Mathes, H. Bernard, 4,494,625, Cl. 181-213.000.
Matsuo, Jon T., 4,540,145, Cl. 244-152.000.
Matthews, William G.; and Whitaker, Todd E., 4,527,749, Cl. 242-7.150.
McClain, D. Wayne, 4,555,130, Cl. 285-26.000.
McGee, Kevin J., 4,534,009, Cl. 364-726.000.
McLandrich, Matthew N., 4,557,553, Cl. 350-96.150.
McManis, George E., III; Miles, Melvin H.; and Fletcher, Aaron N., 4,528,253, Cl. 429-112.000.
McManis, George E., III; Fletcher, Aaron N.; and Miles, Melvin H., 4,535,037, Cl. 429-103.000.
Mensa, Dean L.; and Moss, Dale C., 4,531,128, Cl. 343-18.00C.
Moden, James R., 4,495,256, Cl. 429-17.000.
Mohon, Windell N.; and Harris, William T., 4,512,745, Cl. 434-43.000.
Mohon, Windell N.; and Burns, Jimmy H., 4,526,545, Cl. 434-38.000.
Moon, Deug W.; and Metzbower, Edward A., 4,527,040, Cl. 219-121.0LD.
Moran, Robert D., 4,522,355, Cl. 244-3.200.
Morgan, Walter R.; Boniface, Edmund A.; and Huben, Clayton A., 4,509,325, Cl. 60-39.141.
Morris, Richard A.; Lukens, William E.; and Zanis, Charles A., 4,555,614, Cl. 219-130.010.
Munk, Benedikt A.; and Larson, Clayton J., 4,540,988, Cl. 343-728.000.
Naubereit, Henry; Beyer, Henry R.; DeSipio, Richard G.; and Picard, Salvatore R., 4,500,884, Cl. 343-456.000.
Naubereit, Henry; Long, Thomas F.; Picard, Salvatore R.; and Ritz, Joseph, 4,500,886, Cl. 343-456.000.
Nauflett, George W., 4,513,148, Cl. 564-109.000.
Nelson, Floyd E., 4,542,334, Cl. 324-61.00R.
Norris, William P., 4,529,801, Cl. 548-126.000.
Novinson, Thomas, 4,527,062, Cl. 250-351.000.
Olesen, Ralph C.; Sainati, Robert A.; Gropelli, John J., Jr.; and Stanland, Andrew J., 4,554,554, Cl. 343-895.000.
Olsen, Ralph A.; and Cuthbertson, Robert H., 4,543,070, Cl. 441-5.000.
Otto, Stanislaus J.; and Doty, Verle L., 4,497,400, Cl. 198-468.000.
Panayappan, Ramanathan, 4,529,450, Cl. 134-4.000.
Patch, Stanley J., 4,504,230, Cl. 433-219.000.
Pedersen, Marvin A., 4,493,239, Cl. 89-1.130.
Perry, Huntley H., 4,537,369, Cl. 244-1.00R.
Petoia, Salvatore R., 4,551,059, Cl. 414-459.000.
Phillips, Raymond J., 4,525,013, Cl. 339-7.000.
Piercy, William B., 4,537,434, Cl. 294-82.310.
Ramirez, Joe D.; Gorin, Steven E.; and Garnett, William A., 4,508,490, Cl. 417-234.000.
Rashleigh, Scott C., 4,491,413, Cl. 356-350.000.
Rashleigh, Scott C., 4,495,411, Cl. 250-227.000.
Raupuk, Milton W., Jr.; and Pennington, Edward M., 4,520,513, Cl. 4-302.000.
Read, Michael E.; Carmel, Yuval; Chu, Kwo R.; and Ganguly, Achintya K., 4,554,484, Cl. 315-4.000.
Reinitz, Karl; and Hart, Lynn, 4,517,515, Cl. 324-252.000.
Roquemore, Glenn R.; Smith, Patrick E.; and Banks, Eric W., 4,540,315, Cl. 405-264.000.
Ross, Jerry H., 4,547,845, Cl. 364-200.000.
Rowe, Raymond A., 4,492,875, Cl. 290-53.000.
Rowe, Raymond A., 4,520,273, Cl. 290-54.000.
Rozner, Alexander G.; Lenko, Daniel S.; and Carter, James H., 4,495,848, Cl. 89-1.100.
Rudd, Michael J., 4,554,836, Cl. 73-657.000.
Savage, Howard T., 4,497,046, Cl. 367-169.000.
Schneider, Irwin, 4,519,082, Cl. 372-42.000.
Schwartz, Jay W., 4,494,211, Cl. 364-571.000.
Scott, William R.; and Ih, Charles S., 4,523,469, Cl. 73-603.000.
Sears, Billy D.; Holland, Gerald G.; Cazinha, John R.; and Reames, Donovan J., 4,525,956, Cl. 51-241.00S.
Shajenko, Peter, 4,522,495, Cl. 356-345.000.
Shapiro, Wilbur; Graham, Richard W., II; and Anderson, Hugh G., Jr., 4,544,285, Cl. 384-99.000.
Sheridan, Anthony A., 4,495,433, Cl. 310-329.000.
Simms, Charles C., 4,498,233, Cl. 29-747.000.
Sitzmann, Michael E.; and Gilligan, William H., 4,499,309, Cl. 568-590.000.
Sitzmann, Michael E.; and Adolph, Horst G., 4,546,200, Cl. 560-222.000.

- Slump, William R., 4,516,111, Cl. 340-347.0DA.
- Smith, James O.; Vetter, Ronald F.; and Sieg, George F., 4,557,197, Cl. 102-202.000.
- Spargo, John D., 4,494,760, Cl. 277-30.000.
- Sternberg, Robert L., 4,553,629, Cl. 181-176.000.
- Stickel, Karl D., 4,549,294, Cl. 370-111.000.
- Stixrud, Thomas E.; and Sotirin, Barbara, 4,562,554, Cl. 364-900.000.
- Swenson, Richard C., 4,534,262, Cl. 87-6.000.
- Swiatosz, Edmund; Grimmer, Paul D.; and Sciascia, Rocco M., 4,539,986, Cl. 128-205.130.
- Swiatosz, Edmund; and Grimmer, Paul D., 4,547,656, Cl. 219-300.000.
- Tabatabaie-Alavi, Kamal; Choudhury, Abu N. M. M.; Slater Gabriel, Nancy J.; and Fonstad, Clifton G., 4,494,995, Cl. 148-1.500.
- Taylor, Henry F.; Goldberg, Lew; Rauscher, Christen; and Weller, Joseph F., 4,503,403, Cl. 331-37.000.
- Teeter, Brent A., 4,555,726, Cl. 358-93.000.
- Thorsted, Kenneth G.; and Pennington, John W., 4,497,460, Cl. 244-3.300.
- Tims, Allan C.; and Henriquez, Theodore A., 4,545,041, Cl. 367-157.000.
- Tkachuk, Peter R., 4,553,425, Cl. 73-37.000.
- Tran, Danh C., 4,519,826, Cl. 65-3.110.
- Trenholm, Bruce W.; and Woolley, James G., 4,493,466, Cl. 244-152.000.
- Trias, John A.; and Marez, John, 4,533,215, Cl. 350-347.00E.
- Tseng, Wen F.; and Bark, Marvin L., 4,505,023, Cl. 29-571.000.
- Vetter, Ronald F.; Hicks, Theodore A.; and Compton, Warren R., 4,494,373, Cl. 60-253.000.
- Vittoria, Carmine, 4,506,234, Cl. 332-16.00R.
- von Gutfeld, Robert J.; and Wang, Sherman S., 4,512,197, Cl. 73-643.000.
- Warburton, Alan W., 4,549,177, Cl. 340-825.570.
- Wehner, Donald R., 4,527,161, Cl. 343-16.00M.
- Wehner, Donald R., 4,538,149, Cl. 343-17.20R.
- Wehner, Donald R.; and Prickett, Michael J., 4,547,775, Cl. 343-17.20R.
- Weller, Joseph F.; and Goldberg, Lew, 4,503,541, Cl. 372-50.000.
- Werst, Mervin C., 4,493,047, Cl. 364-724.000.
- Whitehouse, Harper J.; and McKnight, William H., 4,546,249, Cl. 250-227.000.
- Whitlock, Robert R., 4,535,023, Cl. 428-195.000.
- Wilger, John F.; Nakano, Gregory; and Berman, William A., 4,513,542, Cl. 51-241.00S.
- Wilger, John F.; Nakano, Gregory S.; Orillo, Stephen, Jr.; and Cazinha, John R., 4,534,135, Cl. 51-241.00S.
- Willer, Rodney L., 4,503,229, Cl. 544-343.000.
- Willer, Rodney L., 4,539,405, Cl. 544-367.000.
- Wolfe, Lewis E.; and Howard, Ross K., 4,531,299, Cl. 33-366.000.
- Woods, Charles E., 4,496,218, Cl. 350-267.000.
- Yoder, Max N., 4,495,511, Cl. 357-22.000.
- Young, Christopher M.; and Cowen, Steven J., 4,545,643, Cl. 350-96.200.
- Young, Leo, 4,496,876, Cl. 315-4.000.
- Zalesak, Philip F.; and Moore, Ronald D., 4,493,195, Cl. 62-402.000.
- Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., 4,530,131, Cl. 15-321.000.

Transportation: *See—*

- Carp, Gerald, 4,527,480, Cl. 102-202.100.
- Ceccon, Harry; Murphy, Richard A.; Reed, H. David; and Orringer, Oscar, 4,526,039, Cl. 73-774.000.
- Kusenberger, Felix N.; Lozano, Albert S.; and Tarver, Wilson B., Jr., 4,531,091, Cl. 324-242.000.
- Sawyer, Larry W.; and Boler, Harry, 4,529,985, Cl. 343-7.700.
- Testerman, Reeves E., 4,549,747, Cl. 280-446.00R.

U.S. Philips Corporation: *See—*

- Admiraal, Daniel J. H.; and Lopes Cardozo, Benjamin, 4,525,856, Cl. 381-93.000.
- Alcock, Robert N., 4,533,873, Cl. 328-155.000.
- Almgren, Per H. I.; and Durne, Christian H. P., 4,559,585, Cl. 362-92.000.
- Annegarn, Marcellinus J. J. C., 4,546,378, Cl. 358-31.000.
- Apeldoorn, Hans J., 4,528,592, Cl. 358-198.000.
- Arets, Jan W.; and Stinessen, Bernardus J., 4,562,563, Cl. 369-79.000.
- Arragon, Jean-Pierre, 4,535,449, Cl. 370-86.000.
- Auphan, Michel J., 4,552,020, Cl. 73-602.000.
- Auwerda, Cornelis P.; and Koel, Gerrit J., 4,493,721, Cl. 65-3.120.
- Bailleul, Gilles; and Coville, Patrick, 4,554,434, Cl. 219-216.000.
- Baker, Ian M., 4,521,798, Cl. 357-30.000.
- Baker, Ian M., 4,559,695, Cl. 29-572.000.
- Bakker, Jan, 4,494,160, Cl. 360-129.000.
- Barnes, Christopher S.; Moore, Paul A.; and White, Philip D., 4,494,031, Cl. 310-313.00B.
- Bates, Robert N.; and Ballard, Philip M., 4,553,266, Cl. 455-327.000.
- Beckmann, Friedrich K.; Helzel, Thomas; and Peemoller, Horst, 4,496,202, Cl. 339-5.00R.
- Beckmann, Friedrich K.; Hoppe, Wolfgang; and Meyer, Wolfgang, 4,538,125, Cl. 333-248.000.
- Beckmann, Friedrich K.; Dotsch, Horst; and Gossel, Dieter, 4,559,467, Cl. 313-359.100.
- Beetstra, Tsjalling, 4,497,050, Cl. 369-59.000.
- Benedictus, Jan H., 4,490,907, Cl. 30-34.200.
- Bergen, Franciscus H. M., 4,510,528, Cl. 358-213.000.
- Bergmans, Hendrik J., 4,558,381, Cl. 360-77.000.
- Bertram, Leo; and Schemmann, Hugo, 4,503,346, Cl. 310-49.00R.
- Bertram, Leo; Schemmann, Hugo; and de Boer, Jan, 4,554,471, Cl. 310-49.00R.
- Blanken, Jacob; and Van Rijswijck, Paul J., 4,523,124, Cl. 313-446.000.
- Bloem, Herman, 4,491,175, Cl. 165-183.000.
- Bohlen, Heinz; and Demmel, Enzio, 4,508,992, Cl. 315-5.390.
- Bohm, Heinz, 4,521,071, Cl. 350-96.180.
- Bolhuis, Pieter J., 4,520,295, Cl. 315-291.000.
- Boonstra, Alexander H.; Mutsaers, Cornelis A. H. A.; and van der Kruijs, Franciscus N. G. R., 4,499,011, Cl. 252-518.000.
- Bosman, Jakob, 4,516,483, Cl. 98-40.140.
- Bouland, Maurice; Van Gurp, Wilhelmus A. J.; and Zwijsen, Wilhelmus A. J. M., 4,549,143, Cl. 329-126.000.
- Bourgonje, Wouter, 4,560,835, Cl. 179-16.0AA.
- Bout, Willem J. F., 4,532,580, Cl. 362-306.000.
- Bouwer, Adrianus G., 4,522,489, Cl. 355-73.000.
- Braat, Josephus J. M., 4,499,574, Cl. 369-275.000.
- Braat, Josephus J. M., 4,556,967, Cl. 369-275.000.
- Brandenburg, Klaus; and Weber, Wendelin, 4,543,004, Cl. 400-649.000.
- Brandsma, Johan R.; Bruekers, Alphons A. M. L.; and Kessels, Jozef L. W., 4,553,234, Cl. 370-86.000.
- Brandt, Cornelis G., 4,535,469, Cl. 378-081.000.
- Breimer, Hendrik; Van Roessel, Frederik J.; and Tienkamp, Engbert, 4,513,319, Cl. 358-163.000.
- Brettschneider, Horst; and Hartl, Walter, 4,499,592, Cl. 378-121.000.
- Brewer, Robert J., 4,503,450, Cl. 357-24.000.
- Brice, John C.; and Brough, Colin R., 4,529,027, Cl. 164-76.100.
- Brice, John C.; Page, John L.; and Whiffin, Peter A. C., 4,535,720, Cl. 118-415.000.
- Brice, John C.; and Brough, Colin R., 4,536,227, Cl. 148-13.100.
- Broer, Dirk J.; and De Poorter, Adriaan W., 4,492,967, Cl. 346-135.100.
- Bruggendieck, Siegfried, 4,534,618, Cl. 350-96.230.
- Bryant, Stewart F., 4,553,250, Cl. 375-34.000.
- Bukoschek, Romuald L.; and Steiner, Peter, 4,506,178, Cl. 310-41.000.
- Bukoschek, Romuald L.; and Diefenbach, Gerhard, 4,520,286, Cl. 310-83.000.
- Burgin, Kenneth N., 4,506,114, Cl. 179-81.00A.
- Burgin, Kenneth N., 4,515,996, Cl. 179-81.00B.
- Buschow, Kurt H. J., 4,529.445, Cl. 75-123.00E.
- Capper, Peter; and Gosney, John J., 4,551,196, Cl. 156-616.00R.
- Cassanas, Claude; Couot, Jean-Pierre; and Royer, Jacques, 4,492,164, Cl. 101-216.000.
- Cense, Adriaan; and Schutte, Evert H., 4,533,939, Cl. 358-28.000.
- Chisholm, Thomas, 4,546,258, Cl. 250-396.00R.
- Chung, Kah-Seng; and Zegers, Leo E., 4,531,221, Cl. 375-60.000.
- Churchill, John E.; and Stockdale, Trevor J., 4,541,291, Cl. 73-864.250.
- Claasen, Theodoor A. C. M.; Stienstra, Albert J.; and van Roermund, Arthur H. M., 4,517,655, Cl. 364-703.000.
- Coe, David J.; and Lowis, Royce, 4,521,795, Cl. 357-23.400.
- Compen, Johannes M. A. A.; and van Kemenade, Wilhelmus M. P., 4,550,032, Cl. 427-64.000.
- Compen, Johannes M. A. A.; and Maan, Cornelis, 4,551,652, Cl. 313-466.000.
- Cornick, John A., 4,524,376, Cl. 357-55.000.
- Creel, Georges N.; and Morelle, Claude, 4,549,814, Cl. 374-2.000.
- Da Silva, Artur F., 4,525,623, Cl. 219-373.000.
- Da Silva, Artur F., 4,550,652, Cl. 99-279.000.
- David, Gerard R.; Vallee, Jean-Claude; and Caret, Jacky, 4,503,449, Cl. 357-23.400.
- Davies, Neil A.; and Hughes, Edward T. E., 4,504,849, Cl. 357-67.000.
- De Bijl, Adrianus M. J.; and Melai, Henri A. I., 4,525,648, Cl. 315-224.000.
- Deckers, Willem H. M.; and Op de Beek, Johannes C. A., 4,549,265, Cl. 364-414.000.
- Deconche, Alain; and Van Uffelen, Jean-Pierre H., 4,527,278, Cl. 375-97.000.
- Defeuilly, Jean P.; and Nguyen-Van-Nguyen, Jean, 4,543,661, Cl. 455-76.000.
- De Haan, Gerard, 4,544,918, Cl. 340-347.0AD.
- Dekker, Cornelis B.; and Vries, Lodewijk B., 4,513,315, Cl. 358-86.000.
- Demmer, Walter; Gutsmann, Rolf D.; and Lenth, Jurgen, 4,499,427, Cl. 329-107.000.
- de Niet, Edmond, 4,542,425, Cl. 360-77.000.
- dePoorter, Johannes A.; deWaard, Peter J.; Tijburg, Rudolf P.; and Dinghs, Gerardus L., 4,558,448, Cl. 372-44.000.
- Derks, Pierre L. L. M.; and Van Herwijnen, Gerardus, 4,495,885, Cl. 118-241.000.
- De Ronde, Frans C., 4,525,690, Cl. 333-116.000.
- de Ronde, Frans C., 4,527,165, Cl. 343-778.000.
- de Rooij, Jacobus A. G., 4,524,383, Cl. 358-55.000.
- de Vries, Gerhard H. F., 4,494,037, Cl. 313-584.000.
- de Vries, Jochem J., 4,545,120, Cl. 30-34.200.
- de Willigen, Hans C.; and Kokken, Johannes E., 4,555,148, Cl. 308-6.00R.

de Wit, Hendrik J.; Van Berlo, Albertus W. M.; and Crevecoeur, Cornelis, 4,497,699, Cl. 204-129.200.
Dielhof, Pieter B., 4,503,464, Cl. 358-164.000.
Dielhof, Pieter B., 4,518,923, Cl. 330-9.000.
Dijkmans, Eise C.; and van de Plassche, Rudy J., 4,517,525, Cl. 330-260.000.
Dijkstra, Jan; and Roza, Engel, 4,507,619, Cl. 330-297.000.
Dijkstra, Kees; and Garenfeld, Andreas J., 4,498,296, Cl. 60-521.000.
Dimigen, Heinz; and Hubsch, Hubertus, 4,525,417, Cl. 428-244.000.
Ditscheid, Hans L., 4,555,227, Cl. 425-122.000.
Doyen, Daniel, 4,516,096, Cl. 333-219.000.
Driessen, Antonius J. G. C.; Geertsema, Eise B.; Oomen, Joris J. C.; and Rouwendal, Jan W., 4,501,799, Cl. 428-446.000.
Driessen, Leonardus M. H. E., 4,555,729, Cl. 358-133.000.
Drupsteen, Jan, 4,535,451, Cl. 370-99.000.
Duijkers, Peter A., 4,535,358, Cl. 358-158.000.
Dumont, Daniel, 4,539,659, Cl. 365-226.000.
Dureux, Pierre J. C., 4,518,991, Cl. 358-93.000.
Eijkelenkamp, Antonius J. H.; Held, Jan H.; and Rientjes, Gerardus J. A., 4,559,581, Cl. 361-433.000.
Einhaus, Hermanus F., 4,524,438, Cl. 369-75.100.
Einhaus, Hermanus F., 4,539,672, Cl. 369-244.000.
Eisemann, Kurt, 4,498,161, Cl. 369-75.200.
Eisemann, Kurt, 4,514,839, Cl. 369-270.000.
Eisemann, Kurt, 4,562,566, Cl. 369-75.200.
Elkerbout, Marten F.; and Kloosterhof, Leonardus P. A., 4,544,278, Cl. 366-129.000.
Erhart, Georg, 4,556,922, Cl. 360-85.000.
Faber, Johannes W.; and deVos, Jacobus A., 4,504,936, Cl. 369-34.000.
Flinn, Ian, deceased; and Murray, Robert, 4,510,471, Cl. 333-195.000.
Frank, Berthold; Gartner, Georg; and Lydtin, Hans, 4,533,852, Cl. 313-346.0DC.
Franx, Cornelis, 4,545,889, Cl. 204-406.000.
Ganser, Hans G.; Schafer, Ralf; and Stormberg, Hans P., 4,539,513, Cl. 315-176.000.
Garskamp, Arnoldus, 4,499,605, Cl. 455-210.000.
Gartner, Georg, 4,524,297, Cl. 313-346.00R.
Gartner, Georg; and Gotje, Egbert B. G. W., 4,530,669, Cl. 445-51.000.
Geboers, Josephus J. A.; and Janssen, Daniel J. G., 4,518,828, Cl. 179-81.00R.
Gerkema, Jan; Niessen, Anton K.; and Pelzer, Jozef B., 4,562,587, Cl. 378-133.000.
Gerot, Guy J. C., 4,535,362, Cl. 358-194.100.
Geurts, Jan V. M., 4,557,536, Cl. 339-8.00P.
Geurts, Martinus F. A. M., 4,533,880, Cl. 331-1.00A.
Giacometti, Alberto M.; and Newsome, George W., 4,534,064, Cl. 455-601.000.
Gielis, Gerardus C. M.; and Van Kessel, Antoon M. M., 4,538,285, Cl. 375-104.000.
Giller, Henricus F. J. I.; van Hees, Antonius J. M.; and Roelevink, Bauke J., 4,506,185, Cl. 313-113.000.
Gilliam, John E., 4,495,461, Cl. 324-86.000.
Gloaguen, Gilbert Y. M., 4,532,441, Cl. 307-455.000.
Goddijn, Bernardus H. A., deceased; and de Haan, Friedrich J., administrator, 4,546,305, Cl. 323-299.000.
Goossens, Urbanus P. M., 4,517,416, Cl. 179-115.5PS.
Gorris, Joannes J. H. M., 4,495,812, Cl. 73-468.000.
Gorris, Joannes J. H. M.; and Lenders, Wilhelmus L. L., 4,549,335, Cl. 29-866.000.
Goscianski, Michel, 4,496,220, Cl. 350-341.000.
Goscianski, Michel; and de Ronde, Francois, 4,516,089, Cl. 333-135.000.
Goscianski, Michel, 4,522,468, Cl. 350-332.000.
Govaerts, Karel J.; and Dehouwer, Louis J., 4,498,030, Cl. 315-60.000.
Grauel, Christoph; Duplessis, Philippe; and Tarabout, Alain, 4,551,852, Cl. 455-33.000.
Gravesteijn, Dirk J.; Steenbergen, Christiaan; Van der Veen, Jan; and Nijssen, Wilhelmus P. M., 4,508,811, Cl. 430-270.000.
Grima, Jean-Claude; Pando, Bernard; and David, Guy A. J., 4,520,479, Cl. 370-84.000.
Groenewegen, Willem F. M., 4,532,543, Cl. 358-86.000.
Groothuis, Gerrit J.; de Haan, Atze; Poel, Hendrik; Tietjens, Eduard W.; and de Vries, Jochem J., 4,510,687, Cl. 30-34.200.
Guest, Andrew J.; and Washington, Derek, 4,544,860, Cl. 313-103.0CM.
Guittard, Pierre; Jarry, Philippe; Ducarre, Alphonse; and Haji, Lazhar, 4,518,980, Cl. 357-30.000.
Guittard, Pierre; Guillemet, Bernard; and Piaget, Claude, 4,536,679, Cl. 313-541.000.
Habelt, Gerhard; and Mucha, Franz, 4,491,854, Cl. 346-136.000.
Habelt, Gerhard; and Mucha, Franz, 4,496,257, Cl. 400-578.000.
Haes, Freddy; and Reynhout, Cornelis M., 4,490,906, Cl. 30-34.200.
Haisma, Jan; Adema, Cornelis L.; Pasmans, Johannes M. M.; and Walters, Jurren H., 4,547,801, Cl. 358-111.000.
Hajj Chehade, Mohammed; Lecat, Jean; and Tartois, Claude, 4,535,296, Cl. 329-103.000.
Harding, Geoffrey; and Klotz, Erhard, 4,516,261, Cl. 382-6.000.
Harms, Margret; Bruns, Angelika; Luthje, Holger; and Matthiessen, Bernd, 4,555,460, Cl. 430-5.000.
Harwig, Hendrik A.; Slotboom, Jan W.; and Pelgrom, Marcellinus J. M., 4,504,930, Cl. 365-238.000.
Hasler, Rudolf, 4,556,990, Cl. 455-333.000.
Hellwege, Dieter; Steffen, Peter; and Waldhelm, Wolfgang, 4,543,582, Cl. 343-710.000.
Hennings, Detlev; and Schreinemacher, Herbert, 4,503,482, Cl. 361-321.000.
Hennings, Detlev; Schnell, Axel; and Schreinemacher, Herbert, 4,551,269, Cl. 252-520.000.
Hermens, Joannes L. G.; and Kerkhof, Matheus W., 4,496,842, Cl. 250-385.000.
Hermens, Joannes L. G., 4,549,108, Cl. 313-93.000.
Heuvelmans, Jean J.; Couwenberg, Winston D.; and Ligthart, Franciscus A. S., 4,546,285, Cl. 313-25.000.
Himmelbauer, Alain J.; and Poubelle, Regis J. P., 4,535,200, Cl. 179-2.0EA.
Himmelbauer, Erich E., 4,547,694, Cl. 313-384.000.
Hofelt, Martijn H. H.; de Niet, Edmond; and Rijckaert, Albert M. A., 4,511,933, Cl. 360-47.000.
Hofmann, Heinrich, 4,498,115, Cl. 360-132.000.
Hollaar, Leendert J.; Zoetman, Herman; and Verbeek, Robert J. M., 4,538,110, Cl. 328-63.000.
Hollants, Henricus C. J., 4,491,410, Cl. 355-67.000.
Hooft van Huijsduijnen, Jozef A. M., 4,516,051, Cl. 313-446.000.
Houthoff, Jacobus; and Sips, Johannes J., 4,498,094, Cl. 357-22.000.
Hovens, Paulus J. M., 4,527,196, Cl. 358-158.000.
Hubner, Horst; Lydtin, Hans; Rehder, Ludwig; and Zaengel, Thomas, 4,525,379, Cl. 427-53.100.
Hunzinger, Jean J., 4,504,111, Cl. 350-96.200.
Hutter, Heinrich, 4,507,696, Cl. 360-109.000.
Ijntema, Johannes, 4,536,757, Cl. 340-636.000.
Jackson, Richard N.; and Tan, Sing L., 4,520,385, Cl. 358-12.000.
Jacobs, Cornelis A. J.; Schellen, Johannes A. T.; and Van Der Vleuten, Anthonius P., 4,521,716, Cl. 313-594.000.
Jacrot, Michel, 4,529,908, Cl. 313-579.000.
Jager, Lothar; Peter, Anton; and Winkler, Reinhard, 4,509,087, Cl. 360-130.210.
Jansen, Gerardus L. M., 4,504,935, Cl. 369-32.000.
Jansen, Gerardus L. M.; and Vorspaget, Alexander, 4,545,046, Cl. 369-111.000.
Janssen, Peter J. M., 4,510,508, Cl. 346-135.100.
Janssen, Peter J. M.; and van Rosmalen, Gerard E., 4,561,081, Cl. 369-45.000.
Janta, Dieter; and Nolde, Wolfgang, 4,560,942, Cl. 329-101.000.
Jochems, Pieter J. W., 4,535,529, Cl. 29-571.000.
Joosten, Paul H.; Popma, Theo J. A.; Nabben, Hendrikus J. P.; Van Hal, Henricus A. M.; and Haisma, Jan, 4,492,721, Cl. 427-226.000.
Jordan, Peter A.; and Underhill, Michael J., 4,503,405, Cl. 332-18.000.
Josquin, Wilhelmus J. M. J., 4,533,429, Cl. 156-643.000.
Juriga, Jan; and Muller, Ingo, 4,491,066, Cl. 99-391.000.
Kamalski, Theodor I. E., 4,491,957, Cl. 381-13.000.
Kammerer, Walter; and Spiro, Vladimir, 4,545,049, Cl. 370-16.000.
Kasperkovitz, Wolfdietrich G., 4,509,205, Cl. 455-194.000.
Kasperkovitz, Wolfdietrich G., 4,523,328, Cl. 381-3.000.
Kasperkovitz, Wolfdietrich G., 4,547,744, Cl. 330-261.000.
Kasperkovitz, Wolfdietrich G., 4,547,902, Cl. 455-194.000.
Kasperkovitz, Wolfdietrich G., 4,554,503, Cl. 323-315.000.
Kayser, Harald; and Pfeiffer, Wilfried, 4,523,420, Cl. 53-266.00R.
Khoe, Giok D., 4,528,695, Cl. 455-612.000.
Khoe, Giok D.; and van Heuven, Johannes H. C., 4,555,810, Cl. 455-612.000.
Kindler, Ulrich, 4,561,068, Cl. 364-825.000.
King, Hewson N. G.; and Beasley, James P., 4,503,334, Cl. 250-491.100.
Kleefstra, Meindert J., 4,546,488, Cl. 378-49.000.
Kleinhans, Michel; and Gaffre, Michel, 4,528,062, Cl. 156-611.000.
Knapp, Alan G.; and Mansell, John R., 4,560,898, Cl. 313-400.000.
Knochel, Reinhard, 4,546,311, Cl. 324-58.50R.
Kohsiek, Cord H., 4,550,262, Cl. 307-260.000.
Kommoss, Klaus; and Schutte, Valentin H., 4,503,476, Cl. 360-137.000.
Kopinga, Wiert; and Mimmel, Herbert, 4,527,017, Cl. 179-115.5PV.
Koppe, Rudolf P.; and Blom, Hendrik, 4,518,927, Cl. 330-284.000.
Korevaar, Geerlof J., 4,535,443, Cl. 370-24.000.
Koroncai, Adam; Nowak, Alfred; and Piber, Herbert, 4,536,956, Cl. 30-43.920.
Kowalski, Gunter, 4,499,540, Cl. 364-414.000.
Kowalski, Gunter, 4,546,384, Cl. 358-107.000.
Krijl, Gerrit; and Van de Leest, Renaat E., 4,497,877, Cl. 428-628.000.
Krijl, Gerrit; and Van de Leest, Renaat E., 4,545,871, Cl. 204-56.00R.
Krol, Thijs; and Vonk, Bernardus J., 4,512,020, Cl. 371-37.000.
Kroner, Klaus, 4,509,082, Cl. 360-37.100.
Kroner, Klaus, 4,518,933, Cl. 331-108.00D.
Kroontje, Wiggert, 4,559,471, Cl. 313-553.000.
Krull, Joachim, 4,526,488, Cl. 400-202.400.
Kuhn, Michael H.; Piotrowski, Herbert; and Geppert, Rudolf, 4,543,537, Cl. 330-129.000.
Kupfer, Karl H., 4,525,681, Cl. 330-286.000.
Kuppens, Bernardus J.; and Wardenaar, Hendrik C., 4,494,902, Cl. 414-223.000.
Lamoine, Pierre R., 4,501,479, Cl. 354-275.000.
Leipnitz, Michael, 4,534,022, Cl. 369-170.000.
Lemaire, Edmond; and Lebreton, Jacques, 4,500,962, Cl. 364-200.000.
Lenders, Wilhelmus L. L., 4,494,097, Cl. 335-213.000.

Lenders, Wilhelmus L. L., 4,547,238, Cl. 156-73.200.
Lersmacher, Bernhard; and Knippenberg, Wilhelmus F., 4,547,069, Cl. 356-244.000.
Lewin, Ian H.; Plummer, Michael J.; and Ward, Rodney, 4,502,094, Cl. 361-234.000.
Lewin, Ian H., 4,554,611, Cl. 361-234.000.
Liehr, Manfred R.; Nolting, Wolfgang; Kobs, Rolf U. D.; and Orlowski, Reiner U., 4,552,301, Cl. 228-263.120.
Lienard, Jean-Claude, 4,551,834, Cl. 370-94.000.
Linde, Rolf; and Klotz, Erhard, 4,516,252, Cl. 378-23.000.
Louiday, Andre E., 4,550,421, Cl. 378-196.000.
Louttit, Duncan R., 4,513,443, Cl. 455-52.000.
Lutteke, Georg, 4,527,130, Cl. 331-36.00C.
Maas, Henricus G. R.; Klaassen, Francois M.; and Appels, Johannes A., 4,545,110, Cl. 29-571.000.
Maassen, Egbertus J. P.; and de Jong, Frederik J., 4,492,451, Cl. 354-416.000.
Maassen, Egbertus J. P., 4,553,832, Cl. 355-32.000.
Magendans, Frederik; te Raa, Gerhardus A.; and van Rheenen, Bernhard J. P., 4,534,993, Cl. 427-34.000.
Maijers, Andries C.; and Vos, Jan, 4,546,209, Cl. 174-52.0PE.
Mannschke, Lothar, 4,522,461, Cl. 350-96.180.
Mannschke, Lothar, 4,535,440, Cl. 370-1.000.
Marshall, Christopher B., 4,523,324, Cl. 375-91.000.
Martens, Gerhard, 4,555,631, Cl. 250-551.000.
Martens, Theodorus H. G.; and Sanders, Franciscus H. M., 4,536,415, Cl. 427-40.000.
Matthies, Karl H.; and Harlos, Hartmut, 4,511,853, Cl. 330-259.000.
McGinty, Gordon K., 4,540,876, Cl. 219-405.000.
Meerman, Wilhelmus C. P. M., 4,546,484, Cl. 373-27.000.
Meignant, Didier S., 4,517,730, Cl. 29-571.000.
Melai, Henri A. I., 4,538,093, Cl. 315-219.000.
Mellema, Sybe J., 4,551,793, Cl. 362-370.000.
Meulenbrugge, Hendrik J.; and Fortuin, Harm, 4,517,460, Cl. 250-252.100.
Meyer, Joseph; and Vinton, David J., 4,504,574, Cl. 430-331.000.
Meyer, Wolfgang, 4,543,831, Cl. 73-705.000.
Milsom, Robert F., 4,511,866, Cl. 333-194.000.
Minnis, Brian J., 4,513,263, Cl. 333-204.000.
Moors, Johannes H., 4,550,963, Cl. 339-31.00R.
Morley, Peter; and Little, Peter J., 4,519,706, Cl. 356-319.000.
Moss, Anthony R. L.; and Barrett, Christopher J., 4,529,270, Cl. 350-315.000.
Mota, Joaquim S., 4,544,906, Cl. 336-206.000.
Moulding, Kenneth W., 4,518,878, Cl. 307-520.000.
Moussie, Michel, 4,494,135, Cl. 357-59.000.
Mudde, Leo M., 4,545,005, Cl. 363-68.000.
Mulder, Berend J.; and van Heusden, Sybrandus, 4,539,508, Cl. 313-546.000.
Mulder, Berend J.; and van Heusden, Sybrandus, 4,541,811, Cl. 445-26.000.
Nakayama, Mitsuhisa, 4,561,078, Cl. 369-38.000.
Nicholas, Keith H., 4,546,534, Cl. 29-571.000.
Nicia, Antonius J. A.; and Potters, Cornelis J. T., 4,492,426, Cl. 350-96.150.
Nieuwendijk, Joris A. M.; van Gijsel, Wilhelmus D. A. M.; and Sanders, Georgius B. J., 4,544,806, Cl. 179-115.5PV.
Nieuwendijk, Joris A. M.; Sanders, Georgius B. J.; van Dijk, Cornelis D.; and Kaizer, Adrianus J. M., 4,547,631, Cl. 179-115.50R.
Nieuwendijk, Joris A. M.; van Gijsel, Wilhelmus D. A. M.; Sanders, Georgius B. J.; and van Nieuwland, Jacob M., 4,555,797, Cl. 381-117.000.
Nieveen van Dijkum, Adalbertus H. J.; Thuis, Robbert C.; and Zandveld, Paul, 4,546,371, Cl. 357-51.000.
Nillesen, Antonius H. H. J.; and Welles, Petrus W. G., 4,514,754, Cl. 358-13.000.
Notelteirs, Victor R., 4,495,436, Cl. 313-318.000.
Op De Beeck, Herbert K. M.; Peeters, Joannes M. T.; and Steeman, Peter K. R. M., 4,527,083, Cl. 313-25.000.
Op de Beek, Johannes C. A.; and Lobregt, Steven, 4,555,760, Cl. 364-414.000.
Opheij, Willem G.; and van Rosmalen, Gerard E., 4,546,463, Cl. 369-110.000.
Orlowski, Reiner U.; Kobs, Rolf U. D.; and Liehr, Manfred R., 4,531,415, Cl. 73-718.000.
Ortega, Francis, 4,493,365, Cl. 165-10.00A.
Osinga, Halbe, 4,536,729, Cl. 335-210.000.
Overall, Colin D.; and Francis, Leslie H., 4,522,309, Cl. 220-2.10A.
Palm, Erich J.; and Bergmans, Christianus H. J., 4,530,043, Cl. 363-21.000.
Park, George; Smith, Michael J.; and Carrington, Harry, 4,511,194, Cl. 312-12.000.
Parker, David W.; and van de Polder, Leendert J., 4,510,520, Cl. 358-12.000.
Parmentier, Paul, 4,514,785, Cl. 361-401.000.
Peel, Geoffrey C., 4,553,162, Cl. 358-144.000.
Peeters, Winfried L.; Ponjee, Johannes J.; and Martens, Jan W. D., 4,493,887, Cl. 430-275.000.
Pelletier, Joel A.; and Breuillard, Robert, 4,494,014, Cl. 307-254.000.
Persoon, Eric H. J.; and Abeysekera, Ratnayake M. S. S., 4,501,016, Cl. 382-22.000.
Piel, Vera; and Schroder, Johann, 4,491,529, Cl. 252-70.000.
Piepers, Harry, 4,514,700, Cl. 330-56.000.
Ponjee, Johannes J.; Nelissen, Johan W. A.; and Verwijlen, Christiaan J. A., 4,521,444, Cl. 427-41.000.
Ponjee, Johannes J.; Smolders, Franciscus J. B.; and Verwijlen, Christiaan J. A., 4,529,618, Cl. 427-82.000.
Ponjee, Johannes J.; and Verwijlen, Christiaan J. A., 4,534,929, Cl. 264-338.000.
Ponjee, Johannes J.; and Melgert, Frederik B., 4,536,416, Cl. 427-131.000.
Post, Sieghard, 4,509,032, Cl. 336-59.000.
Post, Sieghard, 4,527,141, Cl. 336-192.000.
Postma, Pieter, 4,536,675, Cl. 313-46.000.
Prijs, Pieter R., 4,494,099, Cl. 335-299.000.
Rademaker, Gerrit, 4,504,974, Cl. 455-601.000.
Rao, Nidamboor V., 4,549,113, Cl. 315-14.000.
Readhead, John B., 4,555,720, Cl. 357-30.000.
Rehfeldt, Karl H., 4,538,187, Cl. 358-330.000.
Renals, Martin, 4,556,796, Cl. 250-338.000.
Renardus, Max L. P.; and Sieswerda, Bauke, 4,546,284, Cl. 313-25.000.
Ridder, Wouterus, 4,561,112, Cl. 455-166.000.
Ridel, Philippe, 4,509,022, Cl. 330-284.000.
Riemersma, Pieter, 4,490,905, Cl. 30-34.100.
Rijckaert, Albert M. A.; and Walraven, Anthonie, 4,498,111, Cl. 360-27.000.
Rijckaert, Albert M. A.; and de Niet, Edmond, 4,517,612, Cl. 360-67.000.
Roelants, Marc M. M., 4,491,393, Cl. 350-388.000.
Roger, Bernard P.; and Vertongen, Bernard, 4,547,791, Cl. 357-43.000.
Roschmann, Peter, 4,555,374, Cl. 264-40.100.
Rouws, Petrus L. A., 4,524,933, Cl. 248-27.300.
Ruprecht, Jurgen; and Weltersbach, Wolfgang, 4,510,521, Cl. 358-27.000.
Rutten, Joseph; Hoeks, Gerardus P. F.; and van Kemenade, Johannes T. C., 4,524,300, Cl. 313-487.000.
Sahakian, Diran-Robert; Pellerin, Lucien; and Nijboer, Sjoerd, 4,511,769, Cl. 200-6.00A.
Sahakian, Diran-Robert, 4,540,533, Cl. 264-1.400.
Sanders, Rudolf; and Rijckaert, Josephus F., 4,496,874, Cl. 313-318.000.
Sarges, Heidrun; Kommoss, Klaus; and Schutte, Valentin H., 4,530,252, Cl. 74-388.00R.
Sari, Hikmet, 4,559,635, Cl. 375-14.000.
Sauermann, Heinz, 4,533,898, Cl. 338-25.000.
Schemmann, Hugo; and Bertram, Leo, 4,500,825, Cl. 318-792.000.
Schijven, Lucas W. M., 4,561,030, Cl. 360-93.000.
Schlosser, Theodoor A. J.; and Smakman, Theodorus H., 4,556,987, Cl. 455-161.000.
Schmale, Peter C.; and Van Buul, Marinus C. W., 4,523,248, Cl. 361-1.000.
Schmidt, Johan M., 4,493,099, Cl. 381-14.000.
Schmitz, Herman J. R., 4,500,875, Cl. 340-703.000.
Schnell, Axel, 4,533,849, Cl. 310-330.000.
Schoenmakers, Johannes J. M., 4,497,008, Cl. 360-132.000.
Schoenmakers, Wijnand J., 4,536,857, Cl. 364-900.000.
Schofield, John, 4,504,759, Cl. 310-313.00C.
Schofield, John, 4,511,867, Cl. 333-195.000.
Schofield, John; and Milsom, Robert F., 4,513,262, Cl. 333-194.000.
Scholten, Carel S.; Slob, Arie; and Jansen, Pierre G., 4,510,612, Cl. 375-106.000.
Schomberg, Hermann, 4,541,279, Cl. 73-597.000.
Schoofs, Franciscus A. C. M.; and Nijman, Aloysius J., 4,535,303, Cl. 330-297.000.
Schouhamer Immink, Kornelis A.; and Aarts, Ronaldus M., 4,499,570, Cl. 369-48.000.
Schouhamer Immink, Kornelis A., 4,536,742, Cl. 340-347.0DD.
Schoute, Frederik C.; Doorduin, Adrianus W.; and Hooijmans, Jacobus L. M., 4,497,978, Cl. 179-9.000.
Schreiber, Peter; and Huth, Klaus, 4,520,496, Cl. 378-128.000.
Segarra, Gerard; and Allain, Jean L., 4,495,493, Cl. 340-825.500.
Segarra, Gerard, 4,551,842, Cl. 371-69.000.
Seth, Siya V., 4,524,403, Cl. 361-86.000.
Seuter, Antonius M. J. H.; and van den Boom, Petrus F. J., 4,544,997, Cl. 362-263.000.
Shannon, John M., 4,506,284, Cl. 357-52.000.
Shannon, John M.; Hoeberechts, Arthur M. E.; and Van Gorkom, Gerardus G. P., 4,516,146, Cl. 357-52.000.
Shannon, John M., 4,561,005, Cl. 357-24.000.
Sharpe, Robin, 4,560,963, Cl. 333-172.000.
Shibata, Minoru; Hayashi, Koichi; and Abe, Katsumi, 4,531,287, Cl. 30-43.600.
Sieben, Joannes H. F. C., 4,496,119, Cl. 242-198.000.
Sieben, Joannes H. F. C., 4,512,470, Cl. 206-387.000.
Sieben, Joannes H. F. C., 4,524,927, Cl. 242-198.000.
Sieben, Joannes H. F. C., 4,541,024, Cl. 360-85.000.
Siemensma, Sidonius V., 4,527,467, Cl. 99-279.000.
Six, Jean-Claude G.; Claeys, Paul; and Guillaume, Michel, 4,519,771, Cl. 431-25.000.
Sluyterman, Albertus A. S.; and Vink, Nicolaas G., 4,492,943, Cl. 335-213.000.
Sluyterman, Albertus A. S., 4,524,340, Cl. 335-212.000.
Smeets, Frans H. M., 4,517,509, Cl. 323-362.000.
Smit, Hermanus, 4,515,427, Cl. 339-177.00E.
Smith, James, 4,525,653, Cl. 315-366.000
Sneijers, Andreas P. E.; Claassens, Jacobus M. M.; and Van den Plas, Roger J. Q., 4,560,903, Cl. 313-625.000.

Span, Francis J.; Boland, Aloysius T. M.; and van Laarhoven, Albertus J. A. J., 4,511,275, Cl. 403-33.000.
Staats, Jean B. C. H.; and Declerck, Gabriel D., 4,492,947, Cl. 338-22.00R.
Steers, Michel; Hazan, Jean-Pierre; and Courdille, Michel, 4,528,558, Cl. 340-686.000.
Stein, Paul J.; and Gibson, Rodney W., 4,539,646, Cl. 364-484.000.
Steinmetz, Anthony; Arnold, Jacobus J.; Verweg, Fransiscus G. C.; and Groeneboer, Hendrik, 4,498,727, Cl. 339-278.00C.
Stikvoort, Eduard F., 4,562,591, Cl. 381-106.000.
Stockdale, Trevor J.; and Churchill, John E., 4,501,164, Cl. 73-864.250.
Stockdale, Trevor J., 4,508,451, Cl. 356-315.000.
Stoker, Albert, 4,544,895, Cl. 330-273.000.
Stover, Johannes H.; and Van Leeuwen, Johannes A., 4,498,884, Cl. 445-45.000.
Strom, Johan P., 4,558,325, Cl. 343-765.000.
Summers, Christopher P., 4,503,547, Cl. 375-76.000.
Susz, Dietfried, 4,514,773, Cl. 360-77.000.
ten Pierick, Hendrik, 4,536,682, Cl. 315-387.000.
Teuling, Dirk J. A., 4,513,228, Cl. 315-408.000.
Teuling, Dirk J. A., 4,540,933, Cl. 323-271.000.
te Velde, Ties S., 4,519,676, Cl. 350-269.000.
te Velde, Ties S.; and Slob, Arie, 4,528,583, Cl. 357-71.000.
te Velde, Ties S.; and Slob, Arie, 4,536,948, Cl. 29-577.00C.
te Velde, Ties S., 4,561,173, Cl. 29-577.00C.
Thillays, Jacques C., 4,560,901, Cl. 313-499.000.
Thommen, Werner F., 4,506,206, Cl. 318-696.000.
Thoone, Martinus L. G.; Khoe, Giok D.; Kuppers, Dieter; and Gustin, Pol A. G. J., 4,495,412, Cl. 250-227.000.
Thordarson, Gunnar G., 4,503,775, Cl. 102-214.000.
Timmermans, Franciscus W. A.; and Van Roessel, Frederik J., 4,551,655, Cl. 315-370.000.
Tomasi, Jean P., 4,503,433, Cl. 343-7.500.
Tomasi, Jean-Pierre, 4,558,322, Cl. 343-17.20R.
Underhill, Michael J., 4,536,718, Cl. 331-16.000.
van Alem, Antonius A. M., 4,533,826, Cl. 250-201.000.
Van Antwerpen, Hubrecht C., 4,509,342, Cl. 62-514.00R.
van Baardewijk, Johannes; Bohlmeyer, Nicolaas; and Hartman, Johan E. A., 4,545,050, Cl. 370-62.000.
vanBuul, Marinus C. W.; Raven, Johannes G.; and van de Ven, Wilhelmus H. C. A., 4,492,976, Cl. 358-11.000.
van Dam, Jacobus I. M., 4,514,713, Cl. 336-96.000.
Van De Bult, Oelke, 4,544,973, Cl. 360-106.000.
van de Griend, Jan M., 4,560,893, Cl. 310-43.000.
Van de Leest, Renaat E.; and Gijsbers, Jan C., 4,509,161, Cl. 369-275.000.
Van Den Beemt, Johannes A. C., 4,542,512, Cl. 322-46.000.
Van Den Berg, Jacob; Van Lent, Johannes G.; and Strik, Francis B., 4,496,641, Cl. 430-23.000.
van den Berk, Theodorus H. M., 4,536,059, Cl. 350-333.000.
van den Brink, Hans G., 4,510,558, Cl. 362-263.000.
van den Enden, Adrianus W. M.; and van Mil, Job F. P., 4,560,836, Cl. 179-18.0BC.
Van de Plassche, Rudy J.; and Dijkmans, Eise C., 4,502,017, Cl. 330-151.000.
van de Plassche, Rudy J.; and Dijkmans, Eise C., 4,509,020, Cl. 330-274.000.
van de Plassche, Rudy J., 4,542,332, Cl. 323-317.000.
van de Plassche, Rudy J., 4,549,145, Cl. 330-51.000.
van de Plassche, Rudy J.; and Dijkmans, Eise C., 4,555,676, Cl. 330-298.000.
Van der Heijde, Martin C., 4,535,313, Cl. 335-212.000.
van der Heijden, Antonius W. F., 4,499,402, Cl. 313-414.000.
van der Heijden, Rudolf L. A.; and Dorleijn, Jan W. F., 4,527,097, Cl. 315-246.000.
van der Sluys, Willem L. N.; and Hermans, Mathias L., 4,526,009, Cl. 62-101.000.
van der Sluys, Willem L. N.; Pastoor, Jacobus; and Roelofs, Johannes C. M., 4,548,129, Cl. 99-281.000.
van der Sluys, Willem L. N., 4,561,259, Cl. 62-101.000.
Van der Valk, Nicolaas J. L.; Moelands, Antonius G.; and Schmale, Peter C., 4,511,915, Cl. 358-17.000.
van der Ven, Robert F. L. M., 4,551,651, Cl. 313-402.000.
van der Werf, Bernardus T.; and van der Hoorn, Gustaaf H. A., 4,507,180, Cl. 204-5.000.
van der Wijst, Hendricus M., 4,554,614, Cl. 361-400.000.
van der Zwart, Alfred J., 4,514,795, Cl. 363-27.000.
Van Deuren, Fransiscus H., 4,527,327, Cl. 29-740.000.
van De Wouw, Martinus L. J. A.; and Kool Van Langenberghe, Henri J. F., 4,530,000, Cl. 357-46.000.
van Gastel, Josephus M. M.; van Nunen, Hendrikus T.; and Sanders, Leonardus C. M., 4,532,884, Cl. 118-243.000.
Van Gils, Cornelis J. M., 4,512,031, Cl. 381-2.000.
Van Gils, Wilhelmus M. J.; Mollet, Adrianus J. T.; and Ridders, Johannes A. M., 4,545,774, Cl. 445-22.000.
van Gompel, Henricus J., 4,514,762, Cl. 358-163.000.
van Gorkom, Gerardus G. P.; and Hoeberechts, Arthur M. E., 4,554,564, Cl. 346-161.000.
Van Hoff, Isidoor K.; and Van Den Bergh, Johannes H. P. M., 4,508,791, Cl. 428-663.000.
van Ommen, Alfred H.; Maas, Henricus G. R.; Appels, Johannes A.; and Josquin, Wilhelmus J. M. J., 4,514,251, Cl. 156-628.000.
van Roermund, Arthur H. M., 4,502,019, Cl. 330-261.000.
van Roermund, Arthur H. M., 4,518,935, Cl. 333-173.000.
Van Roessel, Frederik J., 4,500,922, Cl. 358-188.000.
Van Roessel, Frederik J., 4,518,948, Cl. 340-347.0NT.
Van Roessel, Frederik J., 4,523,109, Cl. 307-520.000.
Van Roessel, Frederik J., 4,533,953, Cl. 358-160.000.
Van Roessel, Frederik J., 4,535,351, Cl. 358-10.000.
Van Rooy, Henricus J.; and Tops, Martinus J., 4,520,291, Cl. 313-365.000.
Van Rosmalen, Gerard E., 4,514,837, Cl. 369-219.000.
Van Rosmalen, Gerard E., 4,536,864, Cl. 369-44.000.
Van Rosmalen, Gerard E., 4,557,564, Cl. 350-247.000.
Van Tol, Nicolaas, 4,555,792, Cl. 375-62.000.
van Tol, Nicolaas, 4,561,098, Cl. 375-49.000.
van Uden, Albertus J. P. M., 4,509,021, Cl. 330-282.000.
Van Uffelen, Jean-Pierre H.; Robillard, Daniel; and LeBourg, Michel, 4,546,326, Cl. 330-129.000.
van Uijen, Cornelis M. J., 4,527,124, Cl. 324-309.000.
van Vroonhoven, Casper E. G. M. M.; and van Wijk, Keimpe, 4,494,227, Cl. 369-147.000.
Veendrick, Hendrikus J. M.; Pfennings, Leonardus C. M. G.; Raven, Johannes G.; and Nillesen, Antonius H. H. J., 4,513,388, Cl. 364-736.000.
Verhoeven, Leonardus A. J., 4,491,866, Cl. 358-111.000.
Verhoeven, Leonardus A. J.; Scheltema, Otto E.; and Carels, Walter E., 4,507,681, Cl. 358-111.000.
Verhoeven, Leonardus A. J., 4,543,605, Cl. 358-111.000.
Verweel, Jan; and Zijlstra, Hinne, 4,513,272, Cl. 335-284.000.
Vollenbroek, Franciscus A.; and Spiertz, Elisabeth J., 4,499,177, Cl. 430-311.000.
Vrielink, Hendrik, 4,559,612, Cl. 364-900.000.
Vries, Lodewijk B., 4,541,095, Cl. 371-69.000.
Vry, Michael G., 4,521,766, Cl. 340-347.0DD.
Vugts, Ludovicus, 4,520,342, Cl. 338-308.000.
Wallis, Manfred, 4,552,347, Cl. 269-322.000.
Washington, Derek; and Pook, Roger, 4,511,822, Cl. 313-400.000.
Weiss, Hermann; Linde, Rolf; Tiemens, Ulf; and Klotz, Erhard, 4,513,433, Cl. 378-2.000.
Welker, Thomas; Carl, Klaus; and Czarnojan, Wolfram, 4,559,469, Cl. 313-468.000.
Wieters, Heinz, 4,492,891, Cl. 310-328.000.
Wijbenga, Hendrik, 4,507,717, Cl. 362-304.000.
Wilhelm, Dieter; and Kuhnert, Volker, 4,538,090, Cl. 313-578.000.
Zandveld, Frederik; Schouten, Daniel; and van der Vliet, Peter C. L., 4,562,534, Cl. 364-200.000.
Zebrowski, Tadeusz, 4,507,979, Cl. 74-89.220.
Zogg, Urs, 4,514,702, Cl. 330-254.000.
Zonneveld, Frans W.; and Kramer, Cornelis, 4,535,245, Cl. 250-385.000.
Zwijsen, Wilhelmus A. J. M.; Duijndam, Cornelis P. J.; and Smeulers, Wouter, 4,520,393, Cl. 358-149.000.
United States Pipe and Foundry Company: *See—*
  Battle, Billy J.; and Jones, Lawrence S., 4,532,957, Cl. 137-375.000.
  Battle, Billy J.; Graham, Robert M.; Jones, Lawrence S.; Malizio, Andrew B.; and Rhodes, George F., 4,540,204, Cl. 285-231.000.
  Haspert, John C., 4,506,931, Cl. 299-1.000.
U.S. Plastic and Chemical Corp.: *See—*
  Wowczuk, Andrew; and Pilesi, William D., 4,530,434, Cl. 209-588.000.
U.S. Plastics Corporation: *See—*
  Hill, Clinton W., 4,513,183, Cl. 200-61.45R.
U.S. Precision Lens, Inc.: *See—*
  Betensky, Ellis I., 4,526,442, Cl. 350-412.000
U.S. Product Development Company: *See—*
  Adell, Robert, 4,499,689, Cl. 49-462.000.
  Adell, Robert, 4,520,593, Cl. 49-462.000.
  Adell, Robert, 4,520,594, Cl. 49-462.000.
  Adell, Robert, 4,547,994, Cl. 49-462.000.
  Adell, Robert, 4,559,741, Cl. 49-462.000.
U.S. Properties Inc.: *See—*
  Steudle, Ernst W., 4,498,641, Cl. 242-106.000.
United States Riley Corporation: *See—*
  Bagby, Robert J., 4,556,280, Cl. 350-96.160.
United States Robots, Inc.: *See—*
  Chance, Peter E.; and Weiss, Mitchell, 4,547,119, Cl. 414-735.000.
United States Steel Corporation: *See—*
  Boggs, William E.; and Keener, Everett L., 4,536,194, Cl. 48-180.100.
  Box, William A.; and Rusiecki, Eugene R., 4,526,038, Cl. 73-644.000.
  Brendlinger, Edward C.; Higgs, Richard F.; and Kharouf, Issa J., 4,507,190, Cl. 204-206.000.
  Chang, Melvin C.; and Howell, John L., 4,522,649, Cl. 75-41.000.
  Dickerson, Douglas M.; and Fikes, Robert W., 4,533,439, Cl. 201-41.000.
  DiNardo, Victor M., 4,514,534, Cl. 524-108.000.
  Douty, Donald L., 4,516,884, Cl. 405-261.000.
  Grove, John A.; and Grove, John W., 4,546,813, Cl. 164-420.000.
  Ives, Kenneth D., 4,532,975, Cl. 164-150.000.
  Johnson, William R.; and Pfister, Larry E., 4,540,472, Cl. 204-28.000.
  Kachik, Robert H., 4,536,237, Cl. 149-37.000.
  Korpela, Thomas; and Subrick, Joseph, 4,498,816, Cl. 405-259.000.
  Martin, Wayne A.; and Modic, Justin G., 4,497,194, Cl. 72-356.000.
  Martin, Wayne A., 4,516,299, Cl. 29-6.000.
  Martin, Wayne A.; and Modic, Justin G., 4,545,232, Cl. 72-356.000.
  Mekjian, Aram, 4,535,146, Cl. 528-295.300.
  Perfetti, Bruno M., 4,507,360, Cl. 428-336.000.
  Perfetti, Bruno M., 4,517,325, Cl. 524-188.000.

Perfetti, Bruno M., 4,533,573, Cl. 427-287.000.
Pringle, William L., 4,524,501, Cl. 29-237.000.
Redwine, Fletcher H.; and Thompson, James E., 4,527,961, Cl. 417-454.000.
Redwine, Fletcher H., 4,545,404, Cl. 137-516.290.
Roeder, Gerald M., 4,503,696, Cl. 72-197.000.
Sumansky, L. Walter, 4,509,989, Cl. 134-22.120.
Walewski, Leonard M., 4,546,142, Cl. 524-487.000.

United States Surgical Corporation: *See*—
Aranyi, Ernie; Ihasz, Richard; Gravener, Roy D.; and Tovey, Hugh J., 4,513,746, Cl. 128-334.00C.
Crossley, Ronald L., 4,506,670, Cl. 128-334.00R.
Green, David T., 4,492,232, Cl. 128-325.000.
Green, David T., 4,506,671, Cl. 128-334.00R.
Green, David T., 4,508,253, Cl. 227-19.000.
Green, David T., 4,512,345, Cl. 128-325.000.
Green, David T., 4,520,817, Cl. 128-305.000.
Green, David T., 4,530,453, Cl. 227-19.000.
Green, David T., 4,556,058, Cl. 128-305.000.
Green, David T., 4,557,263, Cl. 128-325.000.
Hill, Jeremy R.; and Malinouskas, Donald, 4,493,326, Cl. 128-680.000.
Korthoff, Herbert W.; and Tompkins, Thomas M., 4,522,327, Cl. 227-19.000.
Korthoff, Herbert W., 4,534,352, Cl. 128-334.00C.
McGarry, Richard A.; and Noiles, Douglas G., 4,509,518, Cl. 128-325.000.

U.S. Truck Cranes, Inc.: *See*—
Shoff, Bernell D., 4,508,014, Cl. 91-527.000.

United Steel Products Company: *See*—
Sielaff, Ulrich, 4,498,800, Cl. 403-172.000.
Sielaff, Ulrich, 4,523,412, Cl. 52-81.000.

United Steel & Wire Company: *See*—
Kellogg, Guy, 4,544,171, Cl. 280-33.99A.

United Stirling AB: *See*—
Bratt, Christer, 4,499,726, Cl. 60-517.000.
Grahn, Per G., 4,502,466, Cl. 126-418.000.
Lorant, Stefan, 4,499,727, Cl. 60-525.000.

United Technologies Automotive, Inc.: *See*—
Braun, Derrek E.; Lau, Daniel T.; and Moy, Harold, 4,521,712, Cl. 310-339.000.
Floyd, William M.; Webb, Nathaniel; and Juzswik, David L., 4,528,662, Cl. 370-92.000.
Floyd, William M., 4,534,025, Cl. 370-85.000.
Floyd, William M., 4,549,094, Cl. 307-247.00A.
Tinder, David V., 4,547,840, Cl. 362-226.000.
Wooldridge, George A., 4,518,836, Cl. 200-61.540.

United Technologies Corporation: *See*—
Amoroso, Salvatore, Jr.; and Conklin, Russell W., 4,509,050, Cl. 343-5.0SM.
Antonellis, Stephen M.; and Breunig, Roger D., 4,526,508, Cl. 415-172.00A.
Athey, Roy L., 4,536,932, Cl. 29-156.80B.
Baran, Walter J., Jr., 4,512,712, Cl. 415-116.000.
Baran, Walter J., Jr., 4,525,997, Cl. 60-39.161.
Barnes, Philip E., 4,531,448, Cl. 91-384.000.
Belanger, Homer J.; and Patacca, Angelo M., 4,503,104, Cl. 428-36.000.
Bello, Vincent G.; and Sweeting, Charles W., 4,536,700, Cl. 323-285.000.
Bello, Vincent G.; and Sweeting, Charles W., 4,546,421, Cl. 363-21.000.
Berczik, Douglas M.; Brodi, George; and O'Connell, Thomas E., 4,543,132, Cl. 148-11.50F.
Beristain, Charles D., 4,530,029, Cl. 361-283.000.
Blecherman, Sol S., 4,509,616, Cl. 181-214.000.
Bosshart, George S.; and Matarese, Alfred P., 4,503,130, Cl. 428-632.000.
Botwin, Leo; and Simpson, John A., 4,502,649, Cl. 244-3.100.
Bramwell, Frank; and MacLennan, Roderick A., 4,529,155, Cl. 244-232.000.
Bramwell, Frank; and DeSouza, John, 4,538,019, Cl. 174-6.000.
Brown, Clyde O.; and Tourtellotte, Raymond E., 4,507,538, Cl. 219-121.00L.
Bullis, Robert H.; and Couch, Robert P., 4,499,755, Cl. 73-116.000.
Burchette, Herbert L., 4,552,386, Cl. 285-187.000.
Callahan, David J.; Mazzawy, Robert S.; Stryker, Howard Y.; and Kelly, James B., 4,550,564, Cl. 60-39.093.
Carll, Richard T.; Fastaia, Anthony J.; and von Nieda, Kurt, 4,551,832, Cl. 370-58.000.
Chenausky, Peter P.; and Hart, Richard A., 4,512,021, Cl. 372-20.000.
Chenausky, Peter P.; Mongeon, Robert J.; and Laughman, Lanny M., 4,521,109, Cl. 356-349.000.
Chenausky, Peter P.; Hoffman, Nelson N.; and Laughman, Lanny M., 4,550,410, Cl. 372-97.000.
Chin, Herbert A., 4,518,442, Cl. 148-11.50N.
Coker, Thomas G.; and La Conti, Anthony B., 4,561,945, Cl. 204-98.000.
Cornwell, Dean F., 4,547,662, Cl. 250-201.000.
Couch, Robert P., 4,510,794, Cl. 73-116.000.
Couch, Robert P., 4,528,844, Cl. 73-116.000.
Craig, Harold M.; and Feder, Ernest, 4,501,053, Cl. 29-156.80R.
D'Anna, Frank P., 4,493,612, Cl. 416-20.00R.
Dantowitz, Philip; Balko, Edward N.; and McElroy, James F., 4,543,303, Cl. 429-34.000.
Davis, Joseph, 4,527,911, Cl. 384-99.000.
DelMastro, Bartolomeo P.; and Eckart, Frederick, 4,549,058, Cl. 219-121.0LC.
Deveau, Paul J.; Greenberg, Paul B.; and Paolillo, Roger E., 4,513,567, Cl. 60-39.020.
Dizek, Frederick A., Vogel, Eric S.; Tiedeman, C. John, Jr.; and Herold, Robert A., 4,515,629, Cl. 75-0.50B.
Doman, Glidden S., 4,515,525, Cl. 416-11.000.
Drinkuth, William H.; Bires, Robert J.; Miller, Robert J.; and Selleck, Franklin G., 4,501,095, Cl. 51-165.720.
Duchesneau, Jerome G.; and Schwartz, Robert A., 4,533,295, Cl. 416-27.000.
Duchesneau, Jerome G.; and Schwartz, Robert A., 4,533,296, Cl. 416-46.000.
Dudash, Carl S.; and Donnelly, Brian G., 4,502,336, Cl. 73-736.000.
Dudash, Carl S., 4,545,407, Cl. 137-596.000.
Duhl, David N.; Chen, Otis Y.; and Gell, Maurice L., 4,512,817, Cl. 148-3.000.
Durno, Ronald A.; and Huber, Rudolph F., 4,540,141, Cl. 244-17.190.
Eitel, Frederick G.; and Hodges, Thomas J., 4,492,431, Cl. 350-310.000.
Ericksen, James P.; and Stack, Timothy F., 4,535,294, Cl. 328-150.000.
Fasano, Anthony; Roberts, John H.; and Motycka, David L., 4,534,216, Cl. 73-147.000.
Fischer, William C.; Adams, Don L.; Wright, Stuart C.; Verzella, David J.; and Sivigny, Arthur L., 4,528,628, Cl. 364-424.000.
Fisher, James E., 4,498,790, Cl. 384-428.000.
Fishter, Robert E.; McDaniel, Paul L.; and Tefft, Stephen W., 4,534,823, Cl. 156-626.000.
Flanagin, Stephen D.; Bubb, Howard G.; and Scantlin, John R., 4,556,970, Cl. 370-58.000.
Gagnon, Ronald W., 4,560,968, Cl. 335-281.000.
Galasso, Francis S.; and Veltri, Richard D., 4,550,063, Cl. 428-614.000.
Gell, Maurice L.; and Giamei, Anthony F., 4,528,048, Cl. 148-404.000.
Giamei, Anthony F.; and Kear, Bernard H., 4,514,360, Cl. 420-454.000.
Grantham, Daniel H., 4,513,348, Cl. 361-283.000.
Greene, Walter; and Liebke, William R., 4,542,622, Cl. 60-39.230.
Griffith, James B.; and Sanborn, Harold C., 4,531,270, Cl. 29-156.80B.
Grudkowski, Thomas W.; DeMaria, Anthony J.; Shuskus, Alexander J.; and Grantham, Daniel H., 4,491,761, Cl. 310-359.000.
Grudkowski, Thomas W.; and Montress, Gary K., 4,495,431, Cl. 310-313.00B.
Grudkowski, Thomas W., 4,499,440, Cl. 333-151.000.
Guertin, Joseph J.; and Provencal, Earl J., 4,498,617, Cl. 228-119.000.
Guertin, Joseph R., 4,509,299, Cl. 51-237.00R.
Hansen, Kenneth P., 4,493,187, Cl. 60-39.281.
Hart, Richard A.; and Bartkowski, Charles, 4,539,685, Cl. 372-25.000.
Hibyan, Edward S., 4,549,852, Cl. 416-140.000.
Hill, Edward C., 4,505,642, Cl. 416-193.00A.
Holiday, Paul R., deceased; Holiday, Suzanne N., executrix; and Kear, Bernard H., 4,499,155, Cl. 428-586.000.
Horais, Brian J.; and Kocur, Joseph S., 4,552,071, Cl. 102-527.000.
Hovan, Edward J., 4,541,775, Cl. 415-180.000.
Hovan, Edward J.; and Zimonis, Joseph P., 4,542,623, Cl. 60-226.100.
Hovan, Edward J., 4,561,246, Cl. 60-226.100.
Hsing, Frederick F.; and Leogrande, John A., 4,505,640, Cl. 416-97.00R.
Jankot, Alan L., 4,536,129, Cl. 416-95.000.
Jeffery, Philip A. E.; and Lawrence, Thomas H., 4,507,050, Cl. 416-90.00A.
Jeffery, Philip A. E.; and Luecke, Greg R., 4,555,219, Cl. 416-158.000.
Johnson, Bruce V.; and Guile, Roy N., 4,559,628, Cl. 372-104.000.
Johnson, Raymond G., Jr.; Trustee, Bill L.; and Fischer, William C., 4,534,702, Cl. 416-20.00R.
Jordan, Lester W.; Loersch, Joseph F.; and Adinolfi, Robert G., 4,532,403, Cl. 219-121.0ED.
Joslin, Frederick R., 4,522,692, Cl. 204-129.500.
Kaminski, Walter R.; and Scalise, Stanley J., 4,547,886, Cl. 372-59.000.
Kaminski, Walter R., 4,554,667, Cl. 372-83.000.
Kisling, Douglas L.; Hill, Edward C.; and Delahoussaye, Ronald D., 4,558,988, Cl. 416-220.00R.
Kniat, John; Kuhlberg, Joel F.; and Mickey, Daniel A., 4,504,030, Cl. 244-57.000.
LaConti, Anthony B.; Enos, John F.; Dempsey, Russell M.; and Fragala, Anthony R., 4,528,083, Cl. 204-265.000.
Laurello, Vincent P., 4,553,901, Cl. 415-138.000.
Lemkey, Franklin D.; and Machlin, Irving, 4,543,235, Cl. 420-443.000.
Lesieur, Roger R., 4,524,113, Cl. 429-16.000.
Levengood, James L., 4,515,526, Cl. 416-96.00R.
Levesque, Adelard, Jr.; and Rembold, John P., 4,509,110, Cl. 364-153.000.
Levine, Richard, 4,526,511, Cl. 416-95.000.
Levinson, Samuel, 4,534,062, Cl. 455-330.000.

Lillibridge, Herbert J.; and Schwarzmann, Russell A., 4,524,980, Cl. 277-199.000.
Lillibridge, Herbert J.; and Schwarzmann, Russell A., 4,557,412, Cl. 228-155.000.
Loersch, Joseph F.; and Neal, James W., 4,514,469, Cl. 428-553.000.
Lopiccolo, Mario T., 4,546,466, Cl. 370-3.000.
Luczak, Francis J., 4,513,094, Cl. 502-101.000.
MacNitt, Donald G., Jr.; and Fuss, Larry N., 4,527,410, Cl. 72-306.000.
MacNitt, Donald G., Jr.; Walker, Raymond M.; and Walker, Bryant H., 4,531,396, Cl. 72-354.000.
Male, Barry, 4,517,622, Cl. 361-283.000.
Mard, Kenneth C., 4,550,812, Cl. 188-379.000.
Markowski, Stanley J., 4,527,386, Cl. 60-39.360.
Marx, Jon A.; and Loso, Wendell R., 4,527,391, Cl. 60-226.200.
McBrien, Gregory J., 4,556,850, Cl. 328-72.000.
McGivern, James F., Jr., 4,545,876, Cl. 204-130.000.
Meinzer, Richard A.; and Dobbs, Gregory M., 4,517,676, Cl. 372-89.000.
Melton, Lynn A., 4,515,896, Cl. 436-2.000.
Meltzer, Leonard A.; and Sutkin, Seymour, 4,543,549, Cl. 333-256.000.
Memmen, Robert L., 4,512,159, Cl. 60-752.000.
Memmen, Robert L., 4,542,867, Cl. 244-117.00A.
Metzger, Frederick B.; and Magliozzi, Bernard. 4,534,526, Cl. 244-38.000.
Meyerand, Russell G., Jr.; and Smith, David C., 4,543,484, Cl. 250-423.00P.
Miller, Robert J., 4,512,115, Cl. 51-289.00R.
Monhardt, Richard J.; Orr, Alfred B.; and Wright, Joseph B., 4,500,252, Cl. 415-9.000.
Mortimer, Thomas P.; and Suciu, Gabriel L., 4,546,605, Cl. 60-226.100.
Murphy, Richard D.; Perez, Ricardo L.; and Clelford, Douglas H., 4,500,967, Cl. 364-434.000.
Nighan, William L.; Wiegand, Walter J.; and Ferrar, Carl M., 4,549,109, Cl. 313-485.000.
Nikkanen, John P.; and Griffin, James G., 4,493,184, Cl. 60-204.000.
Norris, James R., 4,549,708, Cl. 244-129.400.
Palma, Gary E.; and Angelbeck, Albert W., 4,549,299, Cl. 372-18.000.
Parker, Frederick D., 4,552,491, Cl. 407-107.000.
Pearson, James E., 4,516,853, Cl. 356-152.000.
Perkinson, Robert H.; Donnelly, Brian G.; and Dudash, Carl S., 4,501,157, Cl. 73-861.240.
Perrella, Andrew P., 4,540,144, Cl. 244-135.00A.
Perretta, Frederick A., 4,525,770, Cl. 361-399.000.
Perretta, Frederick A., 4,542,441, Cl. 361-412.000.
Phaneuf, Charles A., 4,521,725, Cl. 323-282.000.
Pike, Roscoe A.; and Lamm, Foster P., 4,524,176, Cl. 525-12.000.
Posluszny, Thomas; and Oliver, Oscar, Sr., 4,545,027, Cl. 364-724.000.
Poumakis, Demetrius, 4,560,938, Cl. 328-71.000.
Rannenberg, George C., 4,535,606, Cl. 62-402.000.
Rannenberg, George C., 4,550,573, Cl. 62-172.000.
Rannenberg, George C., 4,553,407, Cl. 62-402.000.
Reiner, Martin J.; and Taylor, Kenneth E., 4,548,255, Cl. 164-361.000.
Reiner, Martin J.; and Fassler, Michael H., 4,549,599, Cl. 164-122.100.
Reiser, Carl A.; and Maricle, Donald L., 4,526,845, Cl. 429-41.000.
Ryan, Edward J., 4,546,047, Cl. 428-565.000.
St. Jacques, John W.; and Couch, Robert P., 4,519,240, Cl. 73-116.000.
Sansevero, Vincent J., Jr.; and Skrabal, Walter F., 4,533,067, Cl. 222-135.000.
Schwartz, Robert A.; and Duchesneau, Jerome G., 4,523,891, Cl 416-157.00R.
Schwarz, Frederick M., 4,525,998, Cl. 60-226.100.
Sederquist, Richard A., 4,530,886, Cl. 429-13.000.
Sederquist, Richard A., 4,533,607, Cl. 429-13.000.
Sederquist, Richard A., 4,539,267, Cl. 429-17.000.
Seitelman, Leon H.; and Kaveckas, Edward J., 4,548,531, Cl. 409-9.000.
Sepulveda, Domingo; and Striebel, Edmund E., 4,548,032, Cl. 60-39.060.
Setzer, Herbert J., 4,503,029, Cl. 423-652.000.
Setzer, Herbert J.; Bett, John A. S.; and Lesieur, Roger R., 4,522,802, Cl. 423-652.000.
Sharon, Harold M., 4,550,497, Cl. 30-169.000.
Shuskus, Alexander J.; and Cowher, Melvyn E., 4,537,651, Cl. 156-613.000.
Shuskus, Alexander J., 4,546,372, Cl. 357-52.000.
Smith, Dale E.; and Pinter, Warren H., 4,529,139, Cl. 242-7.020.
Smith, Peter W., 4,551,692, Cl. 333-21.00A.
Stargardter, Hans, 4,512,718, Cl. 416-231.00B.
Stone, Robert A., 4,531,620, Cl. 192-45.000.
Striebel, Edmund E.; Matthews, John A.; Sepulveda, Domingo; and Pane, Francis C., Jr., 4,512,158, Cl. 60-740.000.
Sutcliffe, John W., 4,519,732, Cl. 408-1.00R.
Torres, John R.; and Albano, Rocco V., 4,531,214, Cl. 371-66.000.
Veltri, Richard D.; Galasso, Francis S.; and Mendelson, Mel I., 4,500,483, Cl. 264-81.000.
Veltri, Richard D.; and Galasso, Francis S., 4,544,412, Cl. 106-286.500.
Vine, Raymond W.; Schroll, Craig R.; and Reiser, Carl A., 4,538,348, Cl. 29-623.100.
Wagner, Thomas R., 4,518,837, Cl. 200-81.00R.
Wainauski, Harry S.; and Rohrbach, Carl, 4,519,746, Cl. 416-223.00R.
Walker, Bryant H., 4,529,452, Cl. 148-11.50Q.
Walker, Bryant H., 4,530,229, Cl. 72-354.000.
Walter, Jerry D.; and Stogner, Claude R., 4,523,864, Cl. 384-613.000.
Warburton, Robert E., 4,544,098, Cl. 239-127.300.
Wehnert, George J.; and Richter, Stanley J., 4,545,837, Cl. 156-191.000.
Wilcox, Ernest W.; and Wilson, Jack W., Jr., 4,500,098, Cl. 277-170.000.

United Technologies Diesel Systems, Inc.: *See—*
Lehrach, Ronald P. C., 4,529,165, Cl. 251-139.000.

United Turbine AB & Co., KG: *See—*
Kronogard, Sven-Olof, deceased; and Linden, Allan, administrator, 4,506,509, Cl. 60-720.000.

Unitek Corporation: *See—*
Boettcher, Ralph A., 4,531,566, Cl. 164-246.000.
Maurer, Robert S.; and Tsai, Min H., 4,544,353, Cl. 433-9.000.
Scebold, Robert A.; and Cleary, James D., 4,511,331, Cl. 433-17.000.

Unitika Ltd.: *See—*
Arai, Yoshihiro; and Tanaka, Takumi, 4,520,174, Cl. 525-438.000.
Arai, Yoshihiro; and Tanaka, Takumi, 4,520,175, Cl. 525-438.000.
Arai, Yoshihiro; and Tanaka, Takumi, 4,543,396, Cl. 525-440.000.
Ida, Hiroaki; Fujii, Masahiro; and Haruta, Toshio, 4,515,691, Cl. 210-274.000.
Imahori, Kazutomo; Iwasaki, Tatsuo; Nakajima, Hiroshi; Kondo, Hitoshi; Tomioka, Isao; Kashima, Masaru; and Tsukamoto, Toshihiko, 4,554,253, Cl. 435-288.000.
Masumoto, Tsuyoshi; Inoue, Akihisa; and Hagiwara, Michiaki, 4,495,691, Cl. 29-527.500.
Masumoto, Tsuyoshi; Inoue, Akihisa; and Hagiwara, Michiaki, 4,523,626, Cl. 164-463.000.
Masumoto, Tsuyoshi; Inoue, Akihisa; Hagiwara, Michiaki; and Yasuhara, Kiyomi, 4,527,614, Cl. 164-463.000.
Murakami, Kunio, 4,519,969, Cl. 264-210.700.
Murase, Shigemitsu, 4,520,050, Cl. 427-381.000.
Murase, Shigemitsu, 4,536,526, Cl. 523-433.000.
Nagai, Tadao; and Echigo, Yoshiaki, 4,559,216, Cl. 423-531.000.
Ohshima, Toshihisa; and Soda, Kenji, 4,546,077, Cl. 435-26.000.
Sakamoto, Izumi; and Takagi, Kunihiko, 4,536,387, Cl. 424-14.000.
Sakamoto, Izumi; and Takagi, Kunihiko, 4,539,234, Cl. 427-393.500.
Sekine, Kunio; Masuda, Hitoshi; Ishibashi, Kodo; Hirai, Masahide; Tomoshige, Shozo; and Kondo, Kozo, 4,517,096, Cl. 210-668.000.

Unitrode Corporation: *See—*
Hower, Philip L.; and Li, Eric K., 4,551,353, Cl. 427-39.000.
Van Dyk Soerewyn, Herman F., 4,514,587, Cl. 174-52.00H.
van Dyk Soerewyn, Herman F., 4,536,825, Cl. 361-386.000.
Van Dyk Soerewyn, Herman F., 4,538,168, Cl. 357-72.000.

Unitron Industries: *See—*
Gastmeier, William J.; and Dohmer, Rolf, 4,553,627, Cl. 181-135.000.

Unitron Industries Ltd.: *See—*
Strothmann, Rolf; and Dohmer, Rolf, 4,539,439, Cl. 179-107.00R.

Univ. of California, Regents of the: *See—*
Kurjan, Janet; and Herskowitz, Ira, 4,546,082, Cl. 435-172.300.

Univention Incorporated: *See—*
Kaye, Gordon E.; and Agnello, Joseph A., Jr., 4,524,534, Cl. 42-1.00S.

Universal Automat Corp.: *See—*
Croteau, Wildy, 4,491,086, Cl. 119-51.110.

Universal Automatic Corporation: *See—*
Kancnik, Adolph V.; and Klancnik, Kenneth A., 4,537,389, Cl. 269-34.000.

Universal Data, Inc.: *See—*
Desrochers, Franklin J., 4,530,069, Cl. 364-900.000.

Universal Dispensing Systems, Inc.: *See—*
Martin, Douglas S., 4,503,998, Cl. 222-341.000.

Universal Electric Company: *See—*
Bartell, Robert J., 4,529,901, Cl. 310-90.000.
Colwell, Robert; and Bartell, Robert J., 4,505,031, Cl. 29-596.000.
Stone, Thomas W., 4,504,754, Cl. 310-90.000.

Universal Filters, Inc.: *See—*
Rosaen, Lars O., 4,495,823, Cl. 73-861.760.
Rosaen, Lars O., 4,498,497, Cl. 137-599.100.

Universal Foam Systems, Inc.: *See—*
Finn, Clifford J., 4,516,694, Cl. 222-148.000.

Universal Foods Corporation: *See—*
Nagodawithana, Tilak; and Gutmanis, Feliks, 4,530,846, Cl. 426-62.000.

Universal House: *See—*
Young, David E.; and Boyes, David H., 4,559,935, Cl. 128-88.000.

Universal Industries Ltd.: *See—*
Haverstock, Wayne; Krywchuk, David; and Masak, Peter, 4,520,683, Cl. 74-41.000.

Universal Instruments Corporation: *See—*
Ackerman, Daniel W., 4,500,032, Cl. 228-180.00A.
Dean, Weibley J.; Johnson, Charles E.; and Ragard, Phillip A., 4,501,183, Cl. 83-233.000.
Dean, Weibley J.; Johnson, Charles E.; and Ragard, Phillip A., 4,527,324, Cl. 29-564.600.

  - Foster, James E., 4,510,686, Cl. 29-838.000.
  - Henninger, Albert S., 4,560,584, Cl. 427-96.000.
  - Janisiewicz, Stanley W.; Hills, Maynard J.; and Lovell, Edward J., 4,500,246, Cl. 414-414.000.
  - Janisiewicz, Stanley W.; and Rose, Emery L., 4,510,806, Cl. 73-432.00R.
  - Kukowski, John A.; Soth, Henry J.; and Gay, William H., 4,507,862, Cl. 29-837.000.
  - Porterfield, Richard; Soth, Henry J.; and Biesecker, Douglas A., 4,543,705, Cl. 29-566.300.
  - Zemek, Albert W.; and Carlsen, Arthur T., 4,501,065, Cl. 29-845.000.
- Universal International Holdings (USA): *See—*
  - Jones, Lawrence T.; Lee, R. Stephen; Moe, Walter; Howden, Ashley G.; and Ishikawa, Paul J., 4,527,688, Cl. 206-315.100.
- Universal Maschinenfabrik: *See—*
  - Lutz, Albert, 4,513,588, Cl. 66-126.00R.
- Universal Maschinenfabrik Dr. Rudolf Schieber GmbH & Co. KG: *See—*
  - Kuhnert, Gottfried; and Lutz, Albert, 4,526,018, Cl. 66-78.000.
  - Kuhnert, Gottfried, 4,555,917, Cl. 66-78.000.
  - Schimko, Reinhold; Radl, Franz; and Fuchs, Max, 4,502,300, Cl. 66-71.000.
  - Schimko, Reinhold; and Paul, Werner, 4,559,791, Cl. 66-75.100.
- Universal Medical Products, Inc.: *See—*
  - Bonner, Francis J., Jr.; and Bonner, Francis J., III, 4,534,354, Cl. 128-402.000.
- Universal Pioneer Corporation: *See—*
  - Akiyama, Tetsuo, 4,498,158, Cl. 369-32.000.
  - Akiyama, Toru, 4,494,154, Cl. 358-342.000.
  - Kanamaru, Hitashi; and Kadoo, Fumio, 4,510,592, Cl. 369-270.000.
  - Kanamaru, Hitoshi, 4,516,160, Cl. 358-326.000.
  - Kosaka, Minoru; and Akiyama, Toru, 4,512,002, Cl. 369-44.000.
  - Okano, Takashi, 4,512,005, Cl. 369-48.000.
  - Okano, Takashi, 4,528,599, Cl. 358-328.000.
- Universal Skate Sharpeners Ltd.: *See—*
  - Consay, Joseph A.; and Meier, Douglas R., 4,534,134, Cl. 51-96.000.
  - Consay, Joseph A., 4,558,541, Cl. 51-281.00R.
- Universal Spiralweld Enterprises, Inc.: *See—*
  - Smith, Richard H., Sr., 4,509,447, Cl. 114-65.00R.
- Universal Supply, Inc.: *See—*
  - Bilbrey, Robert A.; and Koball, Bruce R., 4,543,571, Cl. 340-710.000.
- Universal Tool Company, Inc.: *See—*
  - Szczepanek, Thaddeus J., 4,509,346, Cl. 70-16.000.
- Universal Well Control Systems: *See—*
  - Miller, Charles J., 4,526,339, Cl. 251-1.300.
- Universita Karlova: *See—*
  - Kuzel, Radomir; Broukal, Josef; and Bouse, Vaclav, 4,521,250, Cl. 106-15.050.
- Universitat Stuttgart, Institut Fur Flugnavigation: *See—*
  - Wildermuth, Eberhard; Jansen, Dirk; Burkhardt, Rudolf; and Merz, Joachim, 4,525,717, Cl. 343-452.000.
- Universite de Sherbrooke: *See—*
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  - Schmit, Jean P., 4,529,879, Cl. 250-282.000.
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  - Tremblay, Real, 4,505,264, Cl. 126-439.000.
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  - Herve, Philippe, 4,498,765, Cl. 356-43.000.
- Universite Paris VII: *See—*
  - Figlarz, Michel; Fievet, Fernand; and Lagier, Jean-Pierre, 4,539,041, Cl. 75-0.50A.
- University College Cardiff Consultants Limited: *See—*
  - Pooley, Frederick D., 4,497,778, Cl. 423-27.000.
- University College of Swansea, The: *See—*
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- University Corporation of Atmospheric Research: *See—*
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- University of Akron, The: *See—*
  - Kennedy, Joseph P.; and Hiza, Misao, 4,524,188, Cl. 525-333.700.
  - Koser, Gerald F.; and Carman, Carol S., 4,513,137, Cl. 546-14.000.
  - Lee, Sunggyu; and Joshi, Rajendra, 4,502,942, Cl. 208-11.00R.
- University of Alabama: *See—*
  - Atwood, Jerry L., 4,496,744, Cl. 549-208.000.
  - Park, Duk-Won; and Ryan, Theodore W., 4,542,655, Cl. 73-784.000.
  - Park, Duk-Won, 4,550,788, Cl. 175-173.000.
  - Stefanescu, Doru M.; and Martinez, Freddy, 4,501,612, Cl. 75-124.000.
  - Urry, Dan W., 4,500,700, Cl. 528-328.000.
- University of Arizona Foundation: *See—*
  - Furst, Emanuel F.; Lampe, Louis F.; and Woods, William L., 4,499,903, Cl. 128-675.000.
  - Thompson, Tommy L., 4,532,777, Cl. 62-434.000.
- University of Bath, The: *See—*
  - Black, Joseph; Foster, Mark A.; and Luard, Nicholas G., 4,541,134, Cl. 5-118.000.
- University of British Columbia, The: *See—*
  - Hall, Laurance D.; and Sukumar, Subramaniam, 4,520,316, Cl. 324-309.000.
- University of Calgary, Governors of the: *See—*
  - Trofimenkoff, Frederick N.; Bhagwan, Jai; and Poscente, Sandro P., 4,558,301, Cl. 340-347.0AD.
- University of California, The Regents of the: *See—*
  - Allen, Frederick G.; Streit, Dwight C.; and Metzger, Robert A., 4,559,091, Cl. 148-174.000.
  - Attia, Yosry A.; and Fuerstenau, Douglas W., 4,552,652, Cl. 209-5.000.
  - Banda, Michael J.; Werb, Zena; Knighton, David R.; and Hunt, Thomas K., 4,503,038, Cl. 424-95.000.
  - Barbaric, Zoran L.; and Nelson, Robert S., 4,560,882, Cl. 250-487.100.
  - Brimhall, George H., Jr.; and Rivers, Mark L., 4,503,555, Cl. 382-6.000.
  - Brimhall, George H., Jr.; and Vigus, Leonard J., 4,521,308, Cl. 210-330.000.
  - Byers, Charles L., 4,495,917, Cl. 128-419.00R.
  - Chapman, Orville L.; and Tsou, Uh-Po E., 4,544,782, Cl. 585-443.000.
  - Clarke, Patrick E.; and Wilcox, Gary, 4,539,297, Cl. 436-164.000.
  - Deamer, David W., 4,515,736, Cl. 264-4.300.
  - Ferrari, Leonard A., 4,543,826, Cl. 73-602.000.
  - Fogel, Seymour; Welch, Juliet W.; and Karin, Michael, 4,511,652, Cl. 435-29.000.
  - Hammock, Bruce D.; and Ota, Kenji, 4,558,004, Cl. 435-4.000.
  - Hammock, Bruce D.; and Mullin, Christopher A., 4,562,292, Cl. 568-043.000.
  - Henderson, Jerald M.; and Furman, Burford J., 4,526,269, Cl. 198-443.000.
  - Hirschfeld, Tomas B., 4,509,370, Cl. 73-705.000.
  - Hirschfeld, Tomas B., 4,542,987, Cl. 356-44.000.
  - Hull, Maury L., 4,494,768, Cl. 280-612.000.
  - Hunt, C. Anthony; and Papahadjopoulous, Demetrios P., 4,529,561, Cl. 264-4.300.
  - Hunt, Thomas K.; Goodson, William H., III; Chang, Ning; Knighton, David R.; Gottrup, Finn; and Firmin, Richard, 4,512,349, Cl. 128-632.000.
  - Irie, Reiko F.; Tai, Tadashi; Morton, Donald L.; Cahan, Leslie D.; and Paulson, James C., 4,557,931, Cl. 424-88.000.
  - Jenkins, Scott A.; and Sparks, Joseph B., 4,560,304, Cl. 405-74.000.
  - Kado, Clarence I., 4,520,106, Cl. 435-172.300.
  - Ladisch, Stephan, 4,551,449, Cl. 514-182.000.
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  - Pedersen, Niels C., 4,522,810, Cl. 424-89.000.
  - Penzien, Joseph, 4,502,041, Cl. 340-532.000.
  - Rubinsky, Boris, 4,531,373, Cl. 62-63.000.
  - Salser, Winston A.; Cline, Martin J.; and Stang, Howard D., 4,497,796, Cl. 424-95.000.
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  - Scott, Gary W.; and Cox, Aaron J., 4,556,979, Cl. 372-20.000.
  - Siegel, Robert C., 4,544,638, Cl. 435-273.000.
  - Somorjai, Gabor A.; and Leygraf, Christofer H., 4,533,608, Cl. 429-111.000.
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- University of Dayton: *See—*
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  - Hedberg, Frederick L.; and Unroe, Marilyn R., 4,550,210, Cl. 568-33.000.
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  - Barnett, Allen M., 4,544,799, Cl. 136-262.000.
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  - Bulkowski, John E., 4,545,937, Cl. 260-396.00R.
  - Castle, John E.; and Deschamps, Jeffrey R., 4,532,321, Cl. 536-20.000.
  - Hall, Robert B.; and Rocheleau, Richard E., 4,526,809, Cl. 427-74.000.
  - Hicks, Douglas C.; and Pleass, Charles M., 4,512,886, Cl. 210-170.000.
  - Sequeira, Hermann B.; and Taylor, Jay E., 4,538,276, Cl. 372-26.000.
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  - Wiedeman, Scott, 4,542,256, Cl. 136-249.000.
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- University of Exeter: *See—*
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- University of Florida: *See—*
  - Bergeron, Raymond J., Jr., 4,505,861, Cl. 260-465.00E.

- Bodor, Nicholas S., 4,540,564, Cl. 424-9.000.
- Drago, Russell S.; Miller, James G.; and Weiss, Keith D., 4,538,011, Cl. 570-240.000.
- Green, Alex E. S.; and Green, Bruce A. S., 4,561,364, Cl. 110-347.000.
- Lee, Hong H.; and Miller, Dennis J., 4,496,249, Cl. 374-7.000.
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- Tesar, Delbert, 4,505,166, Cl. 74-479.000.

University of Georgia Research Foundation, Inc.: *See—*
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- King, Allen D., Jr.; King, R. Bruce; and Linn, Donald E., Jr., 4,507,185, Cl. 204-157.10R.
- Moon, Nancy J.; Ely, Lane O.; and Sudweeks, E. M., 4,528,199, Cl. 426-53.000.
- Travis, James, 4,493,891, Cl. 435-23.000.

University of Guelph: *See—*
- Beversdorf, Wallace D.; Erickson, Lawrence R.; and Grant, Ian, 4,517,763, Cl. 47-58.000.
- Cocivera, Michael, 4,536,260, Cl. 204-37.100.

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- Holonyak, Nick, Jr., 4,511,408, Cl. 148-1.500.
- Krstenansky, John L.; and Currie, Bruce L., 4,535,169, Cl. 548-453.000.
- Rinehart, Kenneth L., Jr., 4,493,796, Cl. 260-112.50R.
- Rinehart, Kenneth L., Jr., 4,548,814, Cl. 424-95.000.
- Schrekeis, Josef; and Murphy, Gerard P., 4,496,165, Cl. 279-46.00R.
- Teodorescu, Marius C.; Gaspar, Alexander M.; Spear, Gregory T.; Ganea, Doina; and Skosey, John L., 4,499,186, Cl. 435-23.000.

University of Illinois Foundation: *See—*
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University of Manchester Institute of Science and Technology, The: *See—*
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- Atkinson, Bernard; Black, Geoffrey M.; Pinches, Anthony; and Lewis, Paul J. S., 4,545,909, Cl. 210-618.000.
- Still, Richard H.; Cawse, John L.; and Stanford, John L., 4,496,751, Cl. 549-472.000.

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University of Miami: *See—*
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- Fletcher, Mary A., 4,525,459, Cl. 436-544.000.
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- Gratzner, Howard G., 4,529,700, Cl. 435-240.000.

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- Anderson, Michael H.; Lyons, Christopher S.; and Wigness, Bruce D., 4,536,179, Cl. 604-266.000.
- Case, Steven K., 4,547,037, Cl. 350-3.750.
- Cussler, Edward L., 4,555,344, Cl. 210-670.000.
- Fisher, Jed F., 4,534,971, Cl. 514-21.000.
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- Joo, Han S., 4,562,147, Cl. 435-5.000.
- Schwartz, Samuel, 4,526,869, Cl. 436-66.000.
- Schwartz, Samuel, 4,539,180, Cl. 422-58.000.
- Staba, E. John; and MacCarthy, Jean J., 4,562,250, Cl. 536-6.000.
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University of Nebraska, The Board of Regents of the: *See—*
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- McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,522,261, Cl. 166-246.000.
- McInerney, Michael J.; Jenneman, Gary E.; Knapp, Roy M.; and Menzie, Donald E., 4,558,739, Cl. 166-246.000.
- Purcupile, John C., 4,541,274, Cl. 73-151.000.

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- Brighton, Carl T.; and Black, Jonathan, 4,506,674, Cl. 128-419.00F.
- Brighton, Carl T.; Black, Jonathan; and Redka, William, 4,549,547, Cl. 128-419.00F.
- Sloviter, Henry A., 4,497,829, Cl. 514-672.000.
- Zemel, Jay N., 4,551,425, Cl. 435-4.000.

University of Pittsburgh: *See—*
- Gunduz, Nurten N.; and Gunduz, Dincer H., 4,523,826, Cl. 354-337.000.
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University of Rochester: *See—*
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University of South Carolina: *See—*
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University of Southern California: *See—*
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- Ho, Chih-Ming; and Gutmark, Ephraim, 4,519,423, Cl. 137-888.000.
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- Whelan, James M., 4,554,150, Cl. 423-491.000.
- Yen, Teh F.; and Chan, Mankin, 4,522,265, Cl. 166-307.000.

University of Strathclyde: *See—*
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- Hickok, Leslie G., 4,528,773, Cl. 47-58.000.
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- Rosenberg, E. William; and Belew, Patricia W., 4,491,588, Cl. 424-273.00R.
- Stentz, Frankie B.; Wright, Reba K.; and Kitabchi, Abbas E., 4,528,134, Cl. 260-112.700.

University of Texas System: *See—*
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- Zermeno, Alfonso; Marsh, Lee M., Jr.; and Cowart, Ronald W., 4,539,591, Cl. 358-335.000.

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University of Toronto Innovations Foundation: *See—*
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- Sandham, H. James; and Balanyk, Thomas E., 4,496,322, Cl. 433-217.000.
- Wong, Stephen L.; and Salama, Clement A. T., 4,525,679, Cl. 330-277.000.

University of Utah: *See—*
- Iskander, Magdy F., 4,510,437, Cl. 324-61.00R.
- Jacobsen, Stephen C.; Knutti, David F.; and Johnson, R. Todd, 4,521,924, Cl. 3-1.100.
- Janata, Jiri, 4,514,263, Cl. 204-1.00T.
- Kim, Wan S.; Jeong, Seo Y.; and McRea, James C., 4,536,572, Cl. 536-179.000.
- Kolff, Willem J., 4,510,628, Cl. 3-1.500.
- Michl, Josef; and Puebla-Ponce, Claudio G., 4,551,819, Cl. 365-120.000.

Miller, Jan D.; and Mooiman, Michael B., 4,540,435, Cl. 75-118.00R.

Ryan, Norman W.; and Peperakis, Angelo, Jr., 4,558,743, Cl. 166-303.000.

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Gregonis, Donald E.; Stephen, Robert L.; Coleman, Dennis L.; Hunter, Stephen K.; Hanover, Barry K.; and Harrow, Jeffrey J., 4,557,724, Cl. 604-49.000.

Stephen, Robert L.; Kablitz, Carl; Hanover, Barry K.; Jacobsen, Stephen C.; and Harrow, Jeffrey J., 4,559,033, Cl. 604-49.000.

University of Utah Research Institute: *See—*

Baker, Charles D., 4,553,271, Cl. 623-14.000.

University of Victoria: *See—*

Clements, Reginald M.; Ridley, John D.; and Pitt, Philip L., 4,546,740, Cl. 123-304.000.

University of Virginia Alumni Patents Foundation, The: *See—*

Johnson, Lewis B., 4,528,207, Cl. 427-3.000.

University of Waterloo: *See—*

Baird, Malcolm H. I.; and Nirdosh, Inderjit, 4,523,456, Cl. 73-64.400.

Wynnyckyj, John R.; Rhodes, Edward; and Chambers, Allan K., 4,514,096, Cl. 374-27.000.

Wynnyckyj, John R., 4,518,425, Cl. 75-67.00R.

Wynnyckyj, John R.; Rhodes, Edward; and Marr, Robert, 4,552,098, Cl. 122-379.000.

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Young, Murray M., 4,526,791, Cl. 426-53.000.

University Patents, Inc.: *See—*

Besic, Frank C., 4,515,770, Cl. 424-49.000.

Caruthers, Marvin H.; and Matteucci, Mark D., 4,500,707, Cl. 536-27.000.

Garito, Anthony F., 4,536,450, Cl. 428-411.100.

Goepp, Robert A.; Freese, Uwe E.; and Loeb, Marvin P., 4,517,970, Cl. 128-131.000.

Goepp, Robert A.; and Freese, Uwe E., 4,543,949, Cl. 128-127.000.

Goldberg, Ellen H., 4,511,661, Cl. 436-503.000.

Goldwasser, Eugene; Kavinsky, Clifford; and Weiss, Tania L., 4,558,005, Cl. 435-7.000.

Kaiser, Emil T.; and Moe, Gregory, 4,514,331, Cl. 260-112.50T.

Koch, Tad H.; and Swanson, Barry J., 4,505,792, Cl. 204-159.110.

Lauks, Imants R., 4,493,886, Cl. 430-270.000.

Mangel, Walter F.; Leytus, Stephen; and Melhado, L. Lee, 4,557,862, Cl. 260-112.00R.

Mochel, Margaret E.; and Humphreys, Colin J., 4,508,952, Cl. 219-121.0EH.

Schumacher, Gebhard F. B. A.; and Usala, Stephen J., 4,534,362, Cl. 128-738.000.

Shur, Barry D., 4,511,558, Cl. 514-8.000.

Sievers, Robert E.; and Gillis, John N., 4,514,522, Cl. 521-53.000.

Walba, David M., 4,556,727, Cl. 560-73.000.

Wilson, Stephen R.; Orme-Johnson, W.; and Nagahisa, A., 4,560,557, Cl. 514-178.000.

Univerzita Komenskeho: *See—*

Chudy, Martin; Janik, Rudolf; and Povinec, Pavol, 4,495,420, Cl. 250-367.000.

Unmuth, Eugene E.: *See—*

Hopkins, P. Donald; Nevitt, Thomas D.; and Unmuth, Eugene E., 4,560,469, Cl. 208-110.000.

Unnewehr, Lewis E.; Walker, Robert B.; and Szippl, Andrew F., to Lima Electric Co., Inc. Variable voltage control for self-excited self-regulated synchronous alternator. 4,496,897, 1-29-85, Cl. 322-25.000.

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Unno, Ryoichi: *See—*

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Unno, Yohei; Ueno, Satoru; Sadamitsu, Kazuo; and Okamoto, Tsuneo, to Furukawa Electric Co., Ltd., The. Flexible pipe. 4,549,581, 10-29-85, Cl. 138-109.000.

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Uno, Fumio, to Unolab Co., Ltd. Peristaltic pump having conical rollers. 4,530,647, 7-23-85, Cl. 417-477.000.

Uno, Hiroshi: *See—*

Ishii, Takahito; Yamashita, Kazuo; and Uno, Hiroshi, 4,535,837, Cl. 165-104.170.

Uno, Tadao; and Uno, Hiroshi, 4,508,527, Cl. 493-357.000.

Uno, Hitoshi; Karasawa, Tadahiko; Kon, Tatsuya; and Ito, Tsugutaka, to Dainippon Pharmaceutical Co., Ltd. 1-(2,3-Dimethyl-4-methoxyphenyl)-2-methyl-3-(1-pyrrolidinyl)-1-propanone and anti-spastic use thereof. 4,528,299, 7-9-85, Cl. 514-428.000.

Uno, Masaki, to Sharp Kabushiki Kaisha. Laser activating system for laser printing. 4,532,552, 7-30-85, Cl. 358-302.000.

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Uno Plast A/S: *See—*

Bengmark, Stig; Broome, Albert; and Overland, Christian H., 4,533,356, Cl. 604-358.000.

Uno, Shigeki; Harata, Mituo; Sakuma, Kazuo; and Hiraki, Hideaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Humidity-sensitive resistive element. 4,529,540, 7-16-85, Cl. 252-518.000.

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Uno, Shigeo: *See—*

Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shinpei, 4,537,873, Cl. 502-242.000.

Uno, Shinichi: *See—*

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Uno, Shuzo: *See—*

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Uno, Takeshi: *See—*

Shima, Yoshihiro; Kashioka, Seiji; Uno, Takeshi; and Suzuki, Kunio, 4,494,139, Cl. 358-101.000.

Uno, Testuyuki: *See—*

Ishikawa, Hiroshi; Uno, Testuyuki; Kano, Masanobu; and Nakagawa, Kazuyuki, 4,552,879, Cl. 514-253.000.

Uno, Toshihiko: *See—*

Tokitsu, Naoki; Fujiwara, Toshitaka; Kato, Toranosuke; and Uno, Toshihiko, 4,500,868, Cl. 340-52.00F.

Uno, Toshio; Takamatsu, Masanori; Iuchi, Koji; and Tsukamoto, Goro, to Kanebo, Ltd. Antimicrobial 1-ethyl-6,8-difluoro-1,4-dihydro-7-(1-imidazolyl)-4-oxoquinoline-3-carboxylic acid derivatives. 4,530,930, 7-23-85, Cl. 514-312.000.

Uno, Yoshihiro: *See—*

Otsuka, Hirotaka; Uchida, Hideo; Uno, Yoshihiro; Nakazato, Katsuo; Sannomiya, Kunio; Kawakami, Hidehiko; and Tsuchiya, Hiroyoshi, 4,502,081, Cl. 358-280.000.

Unolab Co., Ltd.: *See—*

Uno, Fumio, 4,530,647, Cl. 417-477.000.

Unowsky, Joel: *See—*

Behl, Charanjit; Beskid, George; Shah, Navnit; Tossounian, Jacques; and Unowsky, Joel, 4,525,339, Cl. 424-16.000.

Unroe, Marilyn R.: *See—*

Hedberg, Frederick L.; and Unroe, Marilyn R., 4,550,210, Cl. 568-33.000.

Reinhardt, Bruce A.; Arnold, Fred E.; and Unroe, Marilyn R., 4,513,131, Cl. 526-285.000.

Reinhardt, Bruce A.; Arnold, Fred E.; and Unroe, Marilyn R., 4,547,592, Cl. 568-33.000.

Unruh, Ralph E.: *See—*

Miller, Jesse D., Jr.; Tshudy, James A.; and Unruh, Ralph E., 4,504,523, Cl. 427-197.000.

Unseki, Takashi: *See—*

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Unsworth, Derek; and Diggs, Edward J. Land vehicles. 4,496,016, 1-29-85, Cl. 180-53.600.

Unterberger, Hans: *See—*

Schwaertzel, Heinz; and Unterberger, Hans, 4,535,441, Cl. 370-4.000.

Unterleitner, Fred C., to Becton, Dickinson and Company. Light beam focal spot elongation in flow cytometry devices. 4,498,766, 2-12-85, Cl. 356-73.000.

Unterreiner, Ronald C.: *See—*

Graetz, Herbert; and Unterreiner, Ronald C., 4,555,290, Cl. 156-245.000.

Unvert, Susan D.; Vanderpool, Steven H.; and Knifton, John F., to Texaco Inc. Process for the preparation of linear polyethylenepolyamines by reacting monoethanolamine with ethylenediamine in the presence of an intercalatively active catalyst. 4,550,209, 10-29-85, Cl. 564-479.000.

Unvert, Susan D.: *See—*

Alexander, David C.; Knifton, John F.; and Unvert, Susan D., 4,503,217, Cl. 528-392.000.

Uomala, Vilho; Sandstrom, Kjell; and Matilainen, Jorma, to Oy Wartsila Ab. Valve cover sealing arrangement. 4,500,092, 2-19-85, Cl. 277-12.000.

Uomala, Vilho; Karkkainen, Jouko; and Sandstrom, Kjell, to Oy Wartsila Ab. Valve cover sealing. 4,509,719, 4-9-85, Cl. 251-214.000.

UOP Inc.: *See—*

Antos, George J.; and Flint, Nancy J., 4,529,828, Cl. 585-828.000.

Arena, Blaise J., 4,496,780, Cl. 568-861.000.

Arena, Blaise J., 4,503,274, Cl. 568-863.000.

Arena, Blaise J., 4,510,339, Cl. 568-863.000.

Arena, Blaise J., 4,520,122, Cl. 502-152.000.

Arnold, Edward C., 4,560,504, Cl. 260-112.00B.

Barley, Geoffrey W., 4,494,794, Cl. 297-307.000.

Barley, Geoffrey W., 4,496,190, Cl. 297-411.000.

Barley, Geoffrey W., 4,505,513, Cl. 297-307.000.

Berg, Roy C.; Malloy, Thomas P.; and Vora, Bipin V., 4,520,218, Cl. 585-449.000.

  Boudreaux, Harry J.; Card, David C.; and Hanson, Bernard M., 4,509,600, Cl. 166-381.000.
  Brennan, John F., 4,518,710, Cl. 502-309.000.
  Brennan, John F., 4,522,792, Cl. 423-213.500.
  Briggs, Bruce A., 4,540,831, Cl. 568-697.000.
  Carson, Don B., 4,505,758, Cl. 134-1.000.
  Carson, Don B., 4,536,276, Cl. 208-100.000.
  Carson, Don B., 4,551,235, Cl. 208-100.000.
  Chao, Tai-Hsiang; and Cleary, Michael T., 4,521,343, Cl. 260-419.000.
  Cleary, Michael T., 4,495,094, Cl. 260-97.600.
  Cleary, Michael T.; and Laughlin, William C., 4,495,106, Cl. 260-419.000.
  Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,511,514, Cl. 260-419.000.
  Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,519,952, Cl. 260-419.000.
  Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,522,761, Cl. 260-419.000.
  Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,524,029, Cl. 260-419.000.
  Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,524,030, Cl. 260-419.000.
  Cleary, Michael T.; Kulprathipanja, Santi; and Neuzil, Richard W., 4,529,551, Cl. 260-419.000.
  Cleary, Michael T., 4,534,900, Cl. 260-428.500.
  Cleary, Michael T.; and Laughlin, William C., 4,560,675, Cl. 502-407.000.
  DeFilippi, Louis J., 4,496,363, Cl. 8-115.500.
  Engel, Dusan J.; Malloy, Thomas P.; and Shoffner, James P., 4,503,269, Cl. 568-783.000.
  Firth, Bruce E.; and Rosen, Terry J., 4,538,008, Cl. 568-783.000.
  Forbes, James T., 4,504,450, Cl. 423-239.000.
  Frame, Robert R., 4,498,977, Cl. 208-207.000.
  Frame, Robert R., 4,498,978, Cl. 208-207.000.
  Frame, Robert R.; Johnson, Russell W.; and Staehle, Bruce E., 4,502,949, Cl. 208-207.000.
  Gilson, Jean-Pierre, 4,537,866, Cl. 502-70.000.
  Haensel, Vladimir, 4,524,230, Cl. 585-467.000.
  Hafner, Edmund W.; and Jackson, Denise M., 4,532,208, Cl. 435-94.000.
  Hafner, Edmund W., 4,551,430, Cl. 435-94.000.
  Hardin, James R., 4,510,996, Cl. 166-227.000.
  Harguindey, Julian E., 4,494,603, Cl. 166-231.000.
  Hilfman, Lee; and O'Hara, Mark J., 4,501,655, Cl. 208-110.000.
  Himes, James F., 4,503,277, Cl. 585-455.000.
  House, David W., 4,500,740, Cl. 568-796.000.
  House, David W., 4,505,845, Cl. 252-500.000.
  House, David W.; and Swedo, Raymond J., 4,505,846, Cl. 252-500.000.
  House, David W., 4,524,223, Cl. 568-715.000.
  Imai, Tamotsu; and Hung, Chi-Wen, 4,506,032, Cl. 502-223.000.
  Imai, Tamotsu; and Hung, Chi-Wen, 4,551,574, Cl. 585-660.000.
  Joy, George C., III, 4,526,886, Cl. 502-339.000.
  Kuchar, Paul J.; Sampson, Robert W.; and Pacanowski, Ronald F., 4,505,147, Cl. 73-29.000.
  Kulkarni, Sudhir S.; and Kulprathipanja, Santi, 4,496,478, Cl. 260-97.600.
  Kurek, Paul R.; Engel, Dusan J.; and Fergin, Richard L., 4,544,796, Cl. 585-856.000.
  Leyerle, Richard W., 4,499,201, Cl. 502-180.000.
  Lomas, David A.; and Hammershaimb, Harold U., 4,541,922, Cl. 208-164.000.
  Lomas, David A.; and Hammershaimb, Harold U., 4,541,923, Cl. 208-164.000.
  Malloy, Thomas P.; and Engel, Dusan J., 4,499,300, Cl. 562-495.000.
  Malloy, Thomas P.; and Swedo, Raymond J., 4,501,675, Cl. 252-8.55D.
  Malloy, Thomas P.; and Swedo, Raymond J., 4,536,301, Cl. 252-8.55D.
  McCollin, Chris D.; Allred, Richard E.; Bearl, Leslie K.; and Card, David C., 4,506,730, Cl. 166-85.000.
  Neuzil, Richard W.; and Hobbs, Simon H., 4,497,972, Cl. 585-828.000.
  Neuzil, Richard W.; and Fergin, Richard L., 4,533,398, Cl. 127-55.000.
  O'Hara, Mark J.; and Johnson, Russell W., 4,497,704, Cl. 208-112.000.
  Oroskar, Anil R., 4,498,991, Cl. 210-659.000.
  Ou, Di-Yi, 4,519,845, Cl. 127-46.200.
  Polak, Anthony J.; and Beuhler, Allyson J., 4,500,667, Cl. 524-406.000.
  Polak, Anthony J.; and Beuhler, Allyson J., 4,560,444, Cl. 204-1.00T.
  Qualeatti, Gail M.; and Arena, Blaise J., 4,519,951, Cl. 260-409.000.
  Qualeatti, Gail M.; Rosen, Bruce I.; Arena, Blaise J.; and Germanas, Dalia, 4,524,225, Cl. 568-885.000.
  Qualeatti, Gail M., 4,547,319, Cl. 260-409.000.
  Roberts, John T., 4,551,536, Cl. 546-264.000.
  Robinson, Delmar W.; Johnson, Russell W.; and Moser, Mark D., 4,522,935, Cl. 502-223.000.
  Robinson, Delmar W.; Johnson, Russell W.; and Moser, Mark D., 4,529,505, Cl. 208-139.000.
  Rohrbach, Ronald P.; Maliarik, Mary J.; and Malloy, Thomas P., 4,511,654, Cl. 435-95.000.
  Rohrbach, Ronald P., 4,525,456, Cl. 435-176.000.
  Rosen, Bruce I., 4,510,091, Cl. 260-409.000.
  Rosen, Bruce I., 4,510,092, Cl. 260-409.000.
  Sikonia, John G.; and Bennett, Richard W., 4,498,973, Cl. 208-63.000.
  Steacy, Paul C., 4,528,412, Cl. 585-415.000.
  Steacy, Paul C., 4,547,205, Cl. 55-25.000.
  Steacy, Paul C., 4,548,619, Cl. 55-16.000.
  Stearman, William L., 4,551,181, Cl. 134-22.110.
  Swedo, Raymond J.; and House, David W., 4,511,492, Cl. 252-500.000.
  Tsuda, Yoshihisa; and Jackson, Denise M., 4,551,432, Cl. 435-232.000.
  Tsuda, Yoshihisa, 4,552,846, Cl. 435-232.000.
  Urban, Peter; and Johnson, Russell W., 4,496,371, Cl. 48-197.00R.
  Varady, Victor A., 4,529,573, Cl. 422-111.000.
  Verachtert, Thomas A., 4,491,565, Cl. 422-256.000.
  Vora, Bipin V., 4,520,214, Cl. 585-254.000.
  Vora, Bipin V., 4,523,045, Cl. 585-254.000.
  Vora, Bipin V., 4,523,048, Cl. 585-323.000.
  Wang, Li, 4,529,502, Cl. 208-164.000.
  Wang, Li, 4,529,574, Cl. 423-244.000.
  Ward, Dennis J., 4,555,311, Cl. 203-21.000.
  Welsh, Lawrence B., 4,492,614, Cl. 204-1.00T.
  Welsh, Lawrence B.; and Leyerle, Richard W., 4,536,358, Cl. 264-81.000.
  White, John B., Jr.; McHarg, Robert E.; and Stolfa, Frank, 4,536,280, Cl. 208-106.000.
  Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., 4,503,162, Cl. 502-174.000.
  Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., 4,521,394, Cl. 423-363.000.

Uotila, Esko: *See—*
  Ollus, Martin; Uotila, Esko; Wahlstrom, Bjorn; Saukkonen, Esko; Malinen, Pekka; and Maenpaa , Immo, 4,514,816, Cl. 364-478.000.

Uozumi, Osamu, to Ricoh Company, Ltd. Sheet separation system for thermal transfer type recording apparatus. 4,509,060, 4-2-85, Cl. 346-76.0PH.

Uozumi, Osamu, to Ricoh Company, Ltd. One-rotation clutch. 4,510,833, 4-16-85, Cl. 83-205.000.

Up-Right, Inc.: *See—*
  Guignard, Paul C.; and Ream, Michael D., 4,557,346, Cl. 180-242.000.
  Horn, Darrell C.; and Fletcher, Jeffery N., 4,543,775, Cl. 56-235.000.

Upadek, Horst; and Bruns, Klaus, to Henkel Kommanditgesellschaft auf Aktien. Terpene derivatives and perfume compositions containing them. 4,545,930, 10-8-85, Cl. 252-522.00R.

Upadysheva, Alexandra V.: *See—*
  Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., 4,550,113, Cl. 514-290.000.

Upat GmbH & Co.: *See—*
  Frichmann, Albert; Sternisa, Danilo; Mermi, Kurt; and Kistner, Herbert, 4,518,290, Cl. 411-30.000.

Upchurch, Billy T., to GBF, Inc. Oxygen permeable, styrene based, contact lens material. 4,528,301, 7-9-85, Cl. 523-107.000.

Upchurch, James M., to Schlumberger Technology Corporation. Pressure responsive perforating and testing system. 4,509,604, 4-9-85, Cl. 175-4.520.

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Upchurch, James M.: *See—*
  Meek, Dale E.; and Upchurch, James M., 4,553,598, Cl. 166-317.000.

Updike, Stanley H.; Michaels, William A.; and Kuonen, Frederick L., to TRW Inc. Valve rotating device. 4,538,558, 9-3-85, Cl. 123-90.300.

Upeslacis, Janis: *See—*
  Shepherd, Robert G.; and Upeslacis, Janis, 4,536,346, Cl. 260-465.00D.

Uphoff, Billie J., to Lawrence Brothers, Inc. Barn door framing system. 4,513,535, 4-30-85, Cl. 49-409.000.

Uphoff, Billie J.: *See—*
  Johnson, Larry; and Uphoff, Billie J., 4,513,554, Cl. 52-657.000.

Upjohn Company, The: *See—*
  Alberino, Louis M.; Regelman, Dale F.; and Vespoli, Nancy P., 4,546,114, Cl. 521-51.000.
  Argoudelis, Alexander D.; Marshall, Vincent P.; and Wiley, Paul F., 4,505,895, Cl. 424-117.000.
  Aristoff, Paul A., 4,525,586, Cl. 544-174.000.
  Aristoff, Paul A.; and Sih, John C., 4,533,749, Cl. 562-501.000.
  Aristoff, Paul A., 4,544,764, Cl. 560-56.000.
  Baldwin, Thomas O.; and Holzman, Thomas F., 4,548,994, Cl. 525-329.900.
  Barsa, Edward A., 4,540,781, Cl. 544-193.000.
  Braughler, J. Mark; and Hall, Edward D., 4,554,271, Cl. 514-179.000.
  Bundy, Gordon L., 4,501,892, Cl. 546-270.000.
  Campbell, J. Allan, 4,557,867, Cl. 260-239.500.

Chen, Augustin T.; Goldwasser, David J.; and Onder, Kemal, 4,501,844, Cl. 524-451.000.
Chen, Augustin T.; Goldwasser, David J.; and Onder, Kemal, 4,536,533, Cl. 524-161.000.
Chen, Augustin T.; Onder, Kemal; and Rausch, Karl W., Jr., 4,562,228, Cl. 525-66.000.
Coleman, James H., 4,508,726, Cl. 514-220.000.
Coleman, James H., 4,510,153, Cl. 514-220.000.
Durvasula, Visweswara R., 4,526,984, Cl. 549-241.000.
Durvasula, Visweswara R., 4,562,271, Cl. 549-310.000.
Fast, Patricia E.; and Wierenga, Wendell, 4,507,302, Cl. 514-272.000.
Gammill, Ronald B., 4,532,340, Cl. 549-471.000.
Gammill, Ronald B., 4,540,798, Cl. 549-387.000.
Gammill, Ronald B., 4,542,228, Cl. 549-387.000.
Gammill, Ronald B., 4,546,177, Cl. 544-58.700.
Grossman, Steven J.; and Onder, Kemal, 4,518,765, Cl. 528-314.000.
Hannon, Betty R.; Reusser, Fritz; Dolak, Lester A.; Argoudelis, Alexander D.; and Castle, Thomas M., 4,540,661, Cl. 435-42.000.
Hester, Jackson B., Jr.; and Ludens, James H., 4,514,407, Cl. 514-220.000.
Hester, Jackson B., Jr., 4,547,499, Cl. 514-235.000.
Huber, Joel E., 4,530,795, Cl. 260-397.400.
Hylton, Thomas A., 4,518,799, Cl. 562-423.000.
Jacobine, Anthony F., 4,518,473, Cl. 204-159.180.
Johnson, Roy A., 4,495,357, Cl. 546-269.000.
Johnson, Roy A.; Lincoln, Frank H.; and Pike, John E., 4,499,293, Cl. 549-465.000.
Kaplan, Lester J., 4,508,911, Cl. 548-407.000.
Kominek, Leo A.; and Wolf, Holly J., 4,524,134, Cl. 435-61.000.
Kurtz, Richard R., 4,531,004, Cl. 548-112.000.
Lincoln, Kay L.; and Ochoa, Ricardo, 4,510,887, Cl. 119-95.000.
McCall, John M., 4,556,656, Cl. 514-227.000.
McCall, John M.; and Lahti, Robert A., 4,560,767, Cl. 548-578.000.
McClellan, Thomas R.; and Murray, Pat L., 4,516,524, Cl. 118-683.000.
McClellan, Thomas R.; and Murray, Pat L., 4,542,041, Cl. 427-212.000.
Moon, Malcolm W., 4,534,897, Cl. 260-239.30R.
Nelson, Stephen J., 4,531,006, Cl. 549-7.000.
Oertel, Richard W., III; Richter, Reinhard H.; and Tucker, Benjamin W., 4,522,762, Cl. 260-453.00A.
Palmer, John R., 4,501,698, Cl. 260-245.500.
Pearlman, Bruce A., 4,535,173, Cl. 549-433.000.
Pearlman, Bruce A., 4,549,030, Cl. 549-435.000.
Regelman, Dale F., 4,536,490, Cl. 502-167.000.
Renis, Harold E.; and Ruwart, Mary J., 4,496,587, Cl. 514-573.000.
Schadewald, Frederic H., 4,515,482, Cl. 366-136.000.
Schneider, William P., 4,537,723, Cl. 260-400.000.
Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,495,349, Cl. 544-97.000.
Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,521,599, Cl. 544-97.000.
Smith, Daniel J.; Glasscock, Jessie F., Jr.; Poska, Richard P.; and Kuder, Carl L., 4,542,646, Cl. 73-78.000.
Smith, Herman W., 4,496,742, Cl. 548-516.000.
Stringfellow, Dale A.; and Fast, Patricia E., 4,543,248, Cl. 514-272.000.
Szmuszkovicz, Jacob, 4,540,690, Cl. 514-210.000.
Thomas, Richard C., 4,523,022, Cl. 549-354.000.
Van Rheenen, Verlan H., 4,500,461, Cl. 260-397.450.
Van Rheenen, Verlan H., 4,501,695, Cl. 260-239.570.
Van Rheenen, Verlan H.; and Cha, Dae Y., 4,526,720, Cl. 260-397.400.
Van Rheenen, Verlan H., 4,548,748, Cl. 260-239.55C.
Wallach, Donald P., 4,531,963, Cl. 71-77.000.
Wechter, William J.; and Horton, John E., 4,501,754, Cl. 514-456.000.
White, David R., 4,532,336, Cl. 549-361.000.
White, David R.; and Maring, Clarence J., 4,542,227, Cl. 549-361.000.
Wierenga, Wendell, 4,496,492, Cl. 260-456.00R.
Wiley, Paul F., 4,520,191, Cl. 536-17.900.

Upmeier, Hartmut; and Schreiber, Thilo, to Windmoller & Holscher. Funnel member for single-screw extruder. 4,494,877, 1-22-85, Cl. 366-76.000.

Upmeier, Hartmut, to Windmoller & Holscher. Process and apparatus for forming and rearranging partial streams of molten materials processed in an extruder for making thermoplastic and/or elastomeric products. 4,541,982, 9-17-85, Cl. 264-349.000.

Uppgren, John J., to FMC Corporation. Mold registration apparatus. 4,512,385, 4-23-85, Cl. 164-364.000.

Uppgren, John J.; and Scott, James W., to FMC Corporation. Sand mold making machine apparatus and method improvements. 4,553,581, 11-19-85, Cl. 164-16.000.

Uppstrom, Leif R. Building elements. 4,537,001, 8-27-85, Cl. 52-311.000.

Upright, Inc.: *See—*
Smith, Daniel G., 4,504,074, Cl. 280-93.000.

Upsher, Michael S. Dual bladed laryngoscope. 4,517,964, 5-21-85, Cl. 128-11.000.

Upsher, Michael S. Laryngoscope with improved light source. 4,527,553, 7-9-85, Cl. 128-11.000.

Upsher, Michael S. Laryngoscope including a laterally offset blade. 4,546,762, 10-15-85, Cl. 128-11.000.

Upson, Donald A.; and Kestner, Diane E., to Eastman Kodak Company. Latex composition comprising core-shell polymer particles. 4,497,917, 2-5-85, Cl. 523-201.000.

Upson, Donald A.; and Steklenski, David J., to Eastman Kodak Company. Conductive latex compositions, elements and processes. 4,526,706, 7-2-85, Cl. 252-500.000.

Upson, Donald A.; and Steklenski, David J., to Eastman Kodak Company. Vinyl acetate polymers and latex compositions containing same. 4,544,723, 10-1-85, Cl. 524-347.000.

Upson, Donald A.: *See—*
Steklenski, David J.; Upson, Donald A.; and Low, Howard M., 4,507,385, Cl. 430-523.000.

Upson, Lawrence L.: *See—*
Otterstedt, Jan-Erik A.; Jaras, Sven G.; Pudas, Roland; and Upson, Lawrence L., 4,515,903, Cl. 502-68.000.

Upton, John. Water traps. 4,502,500, 3-5-85, Cl. 137-247.250

Ura, Frank: *See—*
Wright, Conrad L.; Bearrs, James G.; Chan, C. S.; Hay, Robert R.; and Ura, Frank, 4,535,343, Cl. 346-140.00R.

Ura, Hiroaki; and Kato, Shogo, to Konishiroku Photo Industry Co., Ltd. Paper feeding mechanism. 4,526,358, 7-2-85, Cl. 271-34.000.

Ura, Katsumi; Inui, Taiji; and Sakka, Kenji, to Hitachi, Ltd Condenser vacuum retaining apparatus for steam power plant 4,517,804, 5-21-85, Cl. 60-657.000.

Ura, Masaaki: *See—*
Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, 4,515,628, Cl. 71-111.000.

Ura, Mitsuru: *See—*
Matsushita, Yasuo; Nakamura, Kousuke; and Ura, Mitsuru, 4,517,584, Cl. 357-80.000.
Ogihara, Satoru; Takeda, Yukio; Maeda, Kunihiro; Nakamura, Kousuke; and Ura, Mitsuru, 4,561,010, Cl. 357-74.000.
Takeda, Yukio; Ogihara, Satoru; Ura, Mitsuru; Nakamura, Kousuke; Asai, Tadamichi; Ohkoshi, Tokio; Matsushita, Yasuo; and Maeda, Kunihiro, 4,540,673, Cl. 501-96.000.

URACA Pumpenfabrik GmbH & Co. KG: *See—*
Dettinger, Willi; and Fries, Hugo, 4,527,957, Cl. 417-92.000.

Urai, Muneharu; Abe, Tadafumi; Haraguchi, Youichirou; Hayashi, Koji; and Kon, Shigeki, to Tachikawa Spring Co., Ltd Method of manufacturing cushion materials. 4,519,862, 5-28-85, Cl. 156-219.000.

Urai, Muneharu, to Tachikawa Spring Co., Ltd. Method of making a cushion body of synthetic resin. 4,561,917, 12-31-85, Cl. 156-73.100.

Urakawa, Hidetaka; and Aoki, Toshiyuki, to Komori Printng Machinery Co., Ltd. Gripper pad height adjusting device for sheet-fed rotary printing presses. 4,503,772, 3-12-85, Cl. 101-409.000.

Urakawa, Tetsuro: *See—*
Inoue, Hiroshi; Komeya, Katsutoshi; Tsuge, Akihiko; Koide, Kazunari; Mori, Masaaki; and Urakawa, Tetsuro, 4,514,370, Cl. 423-344.000.
Saito, Hajime; and Urakawa, Tetsuro, 4,521,393, Cl. 423-344.000.

Uram, John R., Jr., to Goodyear Aerospace Corporation. Moisture-resistant transparent mercaptan compositions. 4,555,450, 11-26-85, Cl. 428-412.000.

Uraneck, Carl A.; and Burleigh, John E., to Phillips Petroleum Company. Rubbery conjugated diene polymers terminated with hydrocarbyl phosphites. 4,537,932, 8-27-85, Cl. 524-57[illegible].000.

Urani, Angelo, to McGraw-Edison Company. Low current indicating fuse. 4,496,929, 1-29-85, Cl. 337-265.000.

Urani, Angelo, to McGraw-Edison Company. Electrical fuse with response indicator. 4,511,876, 4-16-85, Cl. 337-244.000.

Uranit GmbH: *See—*
Kasper, Horst; and Eckhard, Pritsch, 4,556,810, Cl. 310-256.000.
Sartor, Bruno; and Rode, Klaus, 4,533,089, Cl. 242-7.210.

Uranium Pechiney Ugine Kuhlmann: *See—*
Floreancig, Antoine, 4,510,122, Cl. 423-10.000.
Joubert, Philippe, 4,524,001, Cl. 210-713.000.
Maurel, Pierre, 4,495,159, Cl. 423-87.000.

Urano, Fumio: *See—*
Aoki, Harumi; Enomoto, Shigeo; Morisawa, Tahei; and Urano, Fumio, 4,558,368, Cl. 358-228.000.

Urano, Shigeru; Yamamoto, Kiyoshi; Takagi, Yoshiaki; and Sugawara, Takeshi, to Honda Piston Ring Co., Ltd.; and Honda Giken Kogyo Kabushiki Kaisha. Sintered alloy for valve seat. 4,505,988, 3-19-85, Cl. 428-569.000.

Urano, Shigeru: *See—*
Hiraoka, Takeshi; Urano, Shigeru; Takeshita, Masajiro; and Nakamura, Keiji, 4,526,617, Cl. 75-236.000.
Umeha, Genkichi; Urano, Shigeru; and Kato, Satoru, 4,556,532, Cl. 419-5.000.

Urasaki, Takanori, to Agency of Industrial Science and Technology. Polyglycidyl ethers, process for production thereof, and cured products thereof. 4,551,508, 11-5-85, Cl. 525-507.000.

Urata, Koichi; Takaishi, Naotake; Inamoto, Yoshiaki; and Suzuki, Yuji, to Kao Corporation. Polyol ether compound, preparation process thereof, and cosmetic composition containing same. 4,543,258, 9-24-85, Cl. 514-772.000.

Urata, Kouichi: *See—*
Takaishi, Naotake; Inamoto, Yoshiaki; Urata, Kouichi; Kawano, Junichi; and Tsutsumi, Hisao, 4,504,464, Cl. 424-63.000.

Urata, Megumu: *See—*
Funabashi, Kiyomi; Kawamura, Fumio; Takagi, Toshio; Urata, Megumu; and Fukasawa, Tetsuo, 4,543,085, Cl. 494-30.000.

Urata, Shinji; Aoyagi, Shigehiko; and Yamazaki, Kazuhiro, to Asahi Kogaku Kogyo Kabushiki Kaisha. Video camera operating device. 4,556,907, 12-3-85, Cl. 358-210.000.

Urata, Shinji; Hirobe, Hitoshi; and Iketani, Kohei, to Asahi Kogaku Kogyo Kabushiki Kaisha. Automatic focusing device for video camera. 4,558,367, 12-10-85, Cl. 358-227.000.

Urata, Tetsukazu: *See—*
Soneta, Eietsu; and Urata, Tetsukazu, 4,555,389, Cl. 423-210.000.

Urata, Yukihide; Moriuchi, Shigenori; Nakamura, Taku; and Ogawa, Masashi, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials for plate making and method of reduction treatment for them. 4,533,623, 8-6-85, Cl. 430-309.000.

Urata, Yukihide: *See—*
Ogawa, Masashi; Nakamura, Taku; Urata, Yukihide; and Yamauchi, Shingo, 4,551,412, Cl. 430-265.000.

Urawa, Motoo; and Imai, Eiichi, to Canon Kabushiki Kaisha. Cyan color toner for developing electrostatic image. 4,518,672, 5-21-85, Cl. 430-106.000.

Urawa, Motoo: *See—*
Murakawa, Kazunori; Mitsuhashi, Yasuo; Uchide, Hitoshi; Takagi, Seiichi; Uchiyama, Masaki; Ochi, Hisayuki; Urawa, Motoo; and Imai, Eiichi, 4,543,312, Cl. 430-107.000.

Urayama, Kenzi: *See—*
Tagami, Manabu; Urayama, Kenzi; Ooishi, Tadashi; Okamoto, Yukikazu; and Tsuji, Kozo, 4,536,498, Cl. 514-147.000.

Urayama, Kiyoshi, to Kabushiki Kaisha Hosokawa Funtai Kogaku Kenkyusho. Grinding crusher. 4,529,135, 7-16-85, Cl. 241-52.000.

Urbach, Bernd: *See—*
Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knabe, Andreas; Koch, Roland; Urbach, Bernd; and Weisselberg, Arnold, 4,500,764, Cl. 219-59.100.

Urbach, Hans-Peter: *See—*
Aulich, Hubert; Eisenrith, Karl-Heinz; and Urbach, Hans-Peter, 4,497,675, Cl. 148-191.000.

Urbach, Hansjorg; Henning, Rainer; and Becker, Reinhard, to Hoechst Aktiengesellschaft. Derivatives of tricyclic aminoacids, processes for their preparation, agents containing these compounds and their use, and new bicyclic aminoacids as intermediates and processes for their preparation. 4,558,065, 12-10-85, Cl. 514-412.000.

Urbach, Hansjorg; Henning, Rainer; Teetz, Volker; Wissmann, Hans; and Becker, Reinhard, to Hoechst Aktiengesellschaft. N-Acyl hexahydroindole-2-carboxylic acids and anti-hypertensive use thereof. 4,562,202, 12-31-85, Cl. 514-423.000.

Urbach, Hansjorg: *See—*
Henning, Rainer; Urbach, Hansjorg; Geiger, Rolf; Teetz, Volker; and Scholkens, Bernward, 4,515,803, Cl. 514-338.000.
Henning, Rainer; and Urbach, Hansjorg, 4,525,301, Cl. 260-112.50R.
Teetz, Volker; Urbach, Hansjorg; and Becker, Reinhard, 4,558,064, Cl. 514-409.000.

Urbach, Herman B.; and Quandt, Earl R. Direct open loop Rankine engine system and method of operating same. 4,509,324, 4-9-85, Cl. 60-39.170.

Urban, Clement A.; and Huson, Gale W., to Signode Corporation. Slip seal joint for strap. 4,501,356, 2-26-85, Cl. 206-83.500.

Urban, Clement A.; and Huson, Gale W., to Signode Corporation. Strap chute for automatic strapping machine. 4,520,720, 6-4-85, Cl. 100-26.000.

Urban Engineering Co., Inc.: *See—*
Kleinberg, Larry K.; and Evans, Don S., 4,543,857, Cl. 76-101.00R.

Urban, John A. Portable workshop. 4,516,308, 5-14-85, Cl. 29-564.000.

Urban, Joseph, to Crown Cork & Seal Company, Inc. Nitrogen injector system. 4,499,931, 2-19-85, Cl. 141-67.000.

Urban, Klaus: *See—*
Jablonka, Dieter; Urban, Klaus; Raidt, Heinz-Peter; and Schepers, Eberhard, 4,555,433, Cl. 428-166.000.

Urban, Manfred: *See—*
Spietschka, Ernst; and Urban, Manfred, 4,496,731, Cl. 546-37.000.

Urban, Martin: *See—*
Zerfass, Karl C.; and Urban, Martin, 4,535,526, Cl. 29-469.500.

Urban, Paul L.: *See—*
Wilhelmson, Jack L.; and Urban, Paul L., 4,560,101, Cl. 228-54.000.

Urban, Peter; and Johnson, Russell W., to UOP Inc. Process for removal of hydrogen sulfide and carbon dioxide from gas streams. 4,496,371, 1-29-85, Cl. 48-197.00R.

Urban, Robert G., to Republic Steel Corporation. Method and apparatus to optimize cut lengths of material. 4,534,002, 8-6-85, Cl. 364-475.000.

Urban Systems Streetscape, Inc.: *See—*
Miller, Curtiss W., 4,496,270, Cl. 410-32.000.

Urban Transportation Development Corporation Ltd.: *See—*
Chadwick, Dennis P., 4,503,779, Cl. 105-4.00R.
Smith, Roy E., 4,542,699, Cl. 105-99.000.
Smith, Roy E., 4,542,700, Cl. 105-166.000.

Urban, Virginia L.: *See—*
Greene, Donald F.; and Urban, Virginia L., 4,518,585, Cl. 424-130.000.
Greene, Donald F.; and Urban, Virginia L., 4,557,898, Cl. 422-28.000.

Urban, Warren J.; Barillo, Joseph; and Krupa, Jerry J., to Lever Brothers Company. Process for manufacture of fatty acid esters of hydroxy sulfonates. 4,536,338, 8-20-85, Cl. 260-400.000.

Urbanek, John: *See—*
O'Leary, Raymond P.; and Urbanek, John, 4,491,708, Cl. 200-149.00R.

Urbani, Aldo: *See—*
Rogo, Casimir; and Urbani, Aldo, 4,531,886, Cl. 415-90.000.

Urbanic, John E., to Calgon Carbon Corporation. Purification of sugar liquors with activated carbon. 4,502,890, 3-5-85, Cl. 127-46.200.

Urbanick, Burton A., to Dallas Corporation. Panel edge gasket. 4,527,807, 7-9-85, Cl. 277-189.000.

Urbanietz, Josef: *See—*
Rosner, Manfred; Urbanietz, Josef; Loewe, Heinz; Duwel, Dieter; and Kirsch, Reinhard, 4,504,490, Cl. 514-483.000.

Urbanik, John C. Method and apparatus for ultrasonic etching of printing plates. 4,555,302, 11-26-85, Cl. 156-637.000.

Urbanski, Janet B.: *See—*
Frey, Gary T.; Strong, Douglas H.; and Urbanski, Janet B., 4,555,445, Cl. 428-340.000.

Urbin, Jack: *See—*
Guerout, Jean B.; and Urbin, Jack, 4,525,927, Cl. 29-861.000.

Urbutis, Algimantas P.; and Jagel, Peter H., to Union Carbide Corporation. Shirred casing article method and apparatus. 4,493,130, 1-15-85, Cl. 17-49.000.

Urbye, Klaus; and Abendroth, Werner, to Carl Still GmbH & Co. KG, Firma. Coke oven door closure construction. 4,552,623, 11-12-85, Cl. 202-248.000.

Urdal, Jan, to Schlage Lock Company. Clutch mechanism. 4,526,256, 7-2-85, Cl. 192-40.000.

Urdea, Mickey S.; and Warner, Brian D., to Chiron Corporation. Multiple reactor system and method for polynucleotide synthesis. 4,517,338, 5-14-85, Cl. 525-54.110.

Ure, David G.: *See—*
Wigan, Jack S.; Ure, David G.; and Richards, John M., 4,531,184, Cl. 364-200.000.

Ure, Lynette: *See—*
Remedi, James J.; Reid, Don G.; and Ure, Lynette, 4,511,914, Cl. 357-45.000.

Urella, Anthony R. Lift mechanism for a dental chair. 4,557,454, 12-10-85, Cl. 248-422.000.

Urella, Tony. Detection method and apparatus. 4,552,164, 11-12-85, Cl. 137-2.000.

Urethane Specialties, Inc.: *See—*
Brown, Richard A.; and Trew, John D., 4,494,698, Cl. 239-489.000.

Uretsky, Yan S.; Mnekin, Ravil V.; Rygalin, Viktor G.; Grechinsky, Dmitry A.; and Klochko, Viktor A., to Nauchno-Issledovatelsky Institut Introskopii; and Kazansky Aviatsionny Institut Imeni A. N. Tupoleva. Random vibrations testing device. 4,493,213, 1-15-85, Cl. 73-664.000.

Uretsky, Yan S.; Kajumov, Rashid R.; Bashirov, Zaur A.; Bashirova, Alfia G.; and Strelnikov, Alexandr A., to Kazansky Aviatsionny Institut Imeni A. N. Tupoleva. System for testing articles with random and harmonic vibrations. 4,513,620, 4-30-85, Cl. 73-664.000.

Uretsky, Yan S., to Kazansky Aviatsionny Institut Imeni A. N. Tupoleva. Method of forming random vibration spectrum and device therefor. 4,513,622, 4-30-85, Cl. 73-664.000.

Urfirer, Steven. Modular equipment connection. 4,546,267, 10-8-85, Cl. 307-116.000.

Urihara, Kazuhiro: *See—*
Kojo, Hidehiko; Akimoto, Koji; and Urihara, Kazuhiro, 4,560,732, Cl. 525-481.000.

Urion, Kenard E.; and Bressier, Peter, to Scott Paper Company. Modular holder for rolls. 4,553,711, 11-19-85, Cl. 242-55.300.

Urion, Kenard E.: *See—*
Norton, Henry J.; and Urion, Kenard E., 4,534,491, Cl. 221-63.000.

Urist, Marshall R., to University of California, The Regents of the. Polymethylmethacrylate delivery system for bone morphogenetic protein. 4,526,909, 7-2-85, Cl. 523-115.000.

Uritani, Koji: *See—*
Ohta, Tsuyoshi; and Uritani, Koji, 4,555,943, Cl. 73-457.000.

Urmenyi, Laszlo; and Urmenyi, William R. Non-contacting measurement of surface temperature. 4,501,504, 2-26-85, Cl. 374-164.000.

Urmenyi, William R.: *See—*
Urmenyi, Laszlo; and Urmenyi, William R., 4,501,504, Cl. 374-164.000.

Urmet Sud S.p.A.: *See—*
Mondardini, Massimo, 4,518,824, Cl. 179-6.3CC.

Urmossy, Miklos: *See—*
Sajo, Istvan; Vamos, Gyorgy; Urmossy, Miklos; Sipos nee Kaveczka, Barbara; Zemplen nee Papp, Eva; Borsovszky, Eva; and Barta, Laszlo, 4,491,633, Cl. 436-147.000.

Urmson, Charles C.: *See—*
Jalbert, Robert A.; Galcenski, Anthony P., Jr.; and Urmson, Charles C., 4,513,518, Cl. 36-44.000.

Uro Denshi Kogyo Kabushiki Kaisha: *See—*
Kodaira, Makoto, 4,541,080, Cl. 367-94.000.

Uroko Seisakusho Co., Ltd.: *See—*
Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,589, Cl. 144-213.000.
Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,590, Cl. 144-213.000.

Urotek Inc.: *See—*
Jarczyn, Henry N., 4,538,621, Cl. 128-748.000.

Urquhart, Donald B.; and Moore, Stephen A., to Coal Industry (Patents) Limited. Process for hydrocracking supercritical gas extracts of carbonaceous material. 4,541,913, 9-17-85, Cl. 208-8.0LE.

Urquhart, John; and Theeuwes, Felix, to ALZA Corporation. Parenteral administration using osmotically motivated delivery system. 4,493,702, 1-15-85, Cl. 604-80.000.

Urquhart, John; and Theeuwes, Felix, to ALZA Corporation. System for parenteral administration of agent. 4,515,585, 5-7-85, Cl. 604-85.000.
Urquhart, John; and Theeuwes, Felix, to ALZA Corporation. Parenteral controlled delivery. 4,525,162, 6-25-85, Cl. 604-56.000.
Urquhart, John; and Theeuwes, Felix, to ALZA Corporation. Parenteral controlled therapy. 4,548,599, 10-22-85, Cl. 604-85.000.
Urquhart, John; and Theeuwes, Felix, to ALZA Corporation. Parenteral controlled therapy. 4,552,556, 11-12-85, Cl. 604-80.000.
Urquhart, John: *See—*
  Gale, Robert M.; and Urquhart, John, 4,505,703, Cl. 604-317.000.
  Theeuwes, Felix; and Urquhart, John, 4,511,352, Cl. 604-56.000.
Urquhart, Kevin G. Camera mounting system. 4,514,068, 4-30-85, Cl. 354-293.000.
Urquhart, Robert J., to International Business Machines Corporation. Compact high speed hashed array for dictionary storage and lookup. 4,503,514, 3-5-85, Cl. 364-900.000.
Urrea, Peter D.; Doris, Geoffrey W.; and Newman, Stephen D. Hydrophilic lens tinting and coloring apparatus. 4,559,897, 12-24-85, Cl. 118-406.000.
Urrestarazu-Borda, Rafael. Combination key. 4,545,226, 10-8-85, Cl. 70-411.000.
Urresti, Jose E. A., to Olave, Solozabal y Cia., S.A. Stapling machine. 4,520,956, 6-4-85, Cl. 227-120.000.
Urruty, Yves R. A.: *See—*
  Bouiller, Jean G.; Buisson, Marc F. B.; Jourdain, Gerard E. A.; Sandelis, Denis J. M.; and Urruty, Yves R. A., 4,546,606, Cl. 60-262.000.
Urry, Dan W., to University of Alabama, The. Elastomeric composite material comprising a polypentapeptide having an amino acid of opposite chirality in position three. 4,500,700, 2-19-85, Cl. 528-328.000.
Urry, Lewis F., to Union Carbide Corporation. Miniature galvanic cell construction providing gas channels between electrode compartments. 4,507,370, 3-26-85, Cl. 429-142.000.
Urry, Lewis F.: *See—*
  Zupancic, Ronald L.; and Urry, Lewis F., 4,532,705, Cl. 29-623.200.
Ursin, Thomas N.; and Severson, Verne L., to Wordtronix Inc. Word processor. 4,491,933, 1-1-85, Cl. 364-900.000.
Ursprung, Cecil E.: *See—*
  Seely, James R.; and Ursprung, Cecil E., 4,548,379, Cl. 248-624.000.
Urszin nee Simon, Eszter: *See—*
  Balogh, Karoly; Nagy, Jozsef; Pinter, Zoltan; Tar, Csaba; Toth, Istvan; Grega nee Toth, Erzsebet; Dombay, Zsolt; Pasztor, Karoly; Urszin nee Simon, Eszter; and Tasi, Laszlo , 4,559,083, Cl. 71-100.000.
Urushidani, Haruo: *See—*
  Okabe, Akira; Urushidani, Haruo; and Kashiwahara, Katsuto, 4,519,207, Cl. 60-39.182.
Urushidani, Masahiro, to Toyota Jidosha Kabushiki Kaisha. Control system for ignition timing and exhaust gas recirculation of combustion engine. 4,516,551, 5-14-85, Cl. 123-407.000.
Urushidani, Masahiro: *See—*
  Niimi, Yukihide; Kinoshita, Kenzi; and Urushidani, Masahiro, 4,501,243, Cl. 123-440.000.
Ury, Frank, to Brandtjen & Kluge, Inc. Folder unit with means for simultaneous phase shifting of front and rear spiral sets. 4,512,561, 4-23-85, Cl. 270-40.000.
Ury, Michael G.; Wood, Charles H.; and Ryan, Patrick J., to Fusion Systems Corporation. Electrodeless lamp using a single magnetron and improved lamp envelope therefor. 4,504,768, 3-12-85, Cl. 315-248.000.
Ury, Michael G.: *See—*
  Matthews, John C.; Ury, Michael G.; Wood, Charles H.; and Greenblatt, Marshal, 4,532,427, Cl. 250-492.200.
  Mueller, Peter; Ury, Michael G.; and Wood, Charles H., 4,501,993, Cl. 315-248.000.
  Wood, Charles H.; and Ury, Michael G., 4,507,587, Cl. 315-39.000.
Uryu Seisaku, Ltd.: *See—*
  Tatsuno, Koji, 4,553,948, Cl. 464-25.000.
Usachev, Oleg I.: *See—*
  Sidorenko, Georgy I.; Lopato, Georgy P.; Yakubovich, Vladimir M.; Nikitin, Yaroslav G.; Usachev, Oleg I.; and Vorobiev, Anatoly P., 4,499,904, Cl. 128-703.000.
Usagawa, Akira: *See—*
  Kawashima, Ryoji; Usagawa, Akira; and Masuda, Takayoshi, 4,496,547, Cl. 514-25.000.
Usala, Hugo R., to Du Pont de Nemours, E. I., and Company. Castable ceramic compositions. 4,536,535, 8-20-85, Cl. 524-403.000.
Usala, Stephen J.: *See—*
  Schumacher, Gebhard F. B. A.; and Usala, Stephen J., 4,534,362, Cl. 128-738.000.
Usami, Hayato: *See—*
  Kida, Susumu; Usami, Hayato; and Aoki, Hideji, 4,558,346, Cl. 357-74.000.
Usami, Katsuhisa: *See—*
  Maeda, Kunihiro; Usami, Katsuhisa; Takeda, Yukio; Ogihara, Satoru; and Asai, Osamu, 4,561,891, Cl. 75-238.000.
Usami, Kenichi; Kirihara, Seishin; Doi, Hiroyuki; Asano, Choichi; Sukekawa, Masayuki; and Sakaguchi, Yasuhide, to Hitachi, Ltd.; and Babcock-Hitachi Kabushiki Kaisha. Boiler tube. 4,505,232, 3-19-85, Cl. 122-511.000.
Usami, Tamotsu: *See—*
  Shirai, Yuji; Otsuka, Kanji; Usami, Tamotsu; and Yamasaki, Yasuyuki, 4,527,730, Cl. 228-179.000.
Usami, Teruo: *See—*
  Shima, Ichiji; Teshima, Hiroshi; Koizumi, Takayuki; and Usami, Teruo, 4,493,042, Cl. 364-507.000.
Usami, Toshimasa; Tanaka, Toshiharu; and Satomura, Masato, to Fuji Photo Film Co., Ltd. Light- and heat-sensitive recording material. 4,529,681, 7-16-85, Cl. 430-138.000.
Usami, Toshiro: *See—*
  Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.
Usbeck, Gerhard: *See—*
  Pliefke, Engelbert; and Usbeck, Gerhard, 4,492,616, Cl. 204-33.000.
Uschold, Ronald E., to Du Pont de Nemours, E. I., and Company. Fluorinated vinyl ether copolymers having low glass transition temperatures. 4,513,128, 4-23-85, Cl. 526-212.000.
USDATA Corporation: *See—*
  Vaughn, Mitchell D., 4,551,831, Cl. 370-58.000.
Usen, Norman: *See—*
  Winston, Anthony; Ansaldi, Anthony; and Usen, Norman, 4,547,362, Cl. 424-49.000.
Usenko, Viktor G.: *See—*
  Makarov, Viktor M.; Paton, Boris E.; Globin, Nikolai K.; Usenko, Viktor G.; Khismatulin, Enver R.; Ziselman, Boris G.; Serov, Petr G.; Shel, Marat M.; and Rozenberg, Ovshiya O., 4,505,417, Cl. 228-17.700.
USG Corporation: *See—*
  Randolph, Donald A.; and Watkins, Kenneth R., 4,520,073, Cl. 428-405.000.
  Rehder, Thomas E.; and Williams, Terrance L., 4,525,388, Cl. 427-221.000.
Usher, George R., to Eagle Precision Tool Ltd. Apparatus and method for forming seamed tube. 4,513,596, 4-30-85, Cl. 72-51.000.
Usher, Peter P., to Metex Corporation. Method of producing high temperature composite seal. 4,516,782, 5-14-85, Cl. 277-1.000.
Usher, Peter P.; and Gavaletz, Eugene J., to Metex Corporation. Combination metal and knitted wire mesh gasket. 4,549,741, 10-29-85, Cl. 277-236.000.
Usher, Thomas C.; and Patel, Natu. Manufacture of diethylaminoethyl dextrans. 4,507,472, 3-26-85, Cl. 536-51.000.
Ushijima, Shohachi: *See—*
  Mukohyama, Hideaki; Hiraoka, Ryoichi; Ushijima, Shohachi; and Saito, Motoyasu, 4,547,571, Cl. 536-90.000.
Ushijima, Tadayoshi: *See—*
  Hata, Takuoki; Ohmi, Akira; Ushijima, Tadayoshi; and Kuroda, Takayuki, 4,558,021, Cl. 501-137.000.
Ushijima, Yoshio: *See—*
  Yokomori, Shinji; and Ushijima, Yoshio, 4,557,366, Cl. 194-100.00A.
Ushikoshi, Kenichi, to Kabushiki Kaisha Suwa Seikosha. Multi-function analog electronic timepiece. 4,523,857, 6-18-85, Cl. 368-157.000.
Ushikoshi, Kenichi, to Kabushiki Kaisha Suwa Seikosha. Electronic timepiece. 4,545,686, 10-8-85, Cl. 368-63.000.
Ushikubo, Masao, to Olympus Optical Co., Ltd. Cap and a cap opening and closing device. 4,515,286, 5-7-85, Cl. 220-314.000.
Ushikubo, Takashi: *See—*
  Murai, Nobuyuki; Nakamichi, Kazuya; Otake, Masayuki; and Ushikubo, Takashi, 4,560,807, Cl. 568-698.000.
Ushimaru, Koichi: *See—*
  Kawamata, Masanobu; Ushimaru, Koichi; Goshi, Hiroyuki; and Miyasako, Hideichi, 4,533,552, Cl. 424-78.000.
Ushimi, Katsuhiko: *See—*
  Inaike, Toshihiro; Ushimi, Katsuhiko; Yamamoto, Shuji; and Inoue, Toshihiro, 4,508,766, Cl. 427-388.200.
  Inaike, Toshihiro; Ushimi, Katsuhiko; and Inoue, Toshihiro, 4,528,833, Cl. 72-166.000.
Ushimura, Shoji: *See—*
  Yoneda, Kenji; Sugihara, Kunihiko; and Ushimura, Shoji, 4,506,833, Cl. 239-533.400.
Ushio Denki Kabushiki Kaisha: *See—*
  Arai, Tetsuji; Mimura, Yoshiki; and Shimizu, Hiroshi, 4,493,977, Cl. 219-411.000.
  Arai, Tetsuji; and Ikeuchi, Mitsuru, 4,504,323, Cl. 148-1.500.
  Arai, Tetsuji, 4,508,960, Cl. 219-388.000.
  Arai, Tetsuji; and Mimura, Yoshiki, 4,511,788, Cl. 219-405.000.
  Arai, Tetsuji; and Mimura, Yoshiki, 4,525,380, Cl. 427-53.100.
  Arai, Tetsuji; and Igarashi, Tatsushi, 4,540,911, Cl. 313-44.000.
  Arai, Tetsuji; and Igarashi, Tatsushi, 4,543,472, Cl. 219-411.000.
  Arai, Tetsuji; and Shimizu, Hiroshi, 4,550,245, Cl. 219-405.000.
  Hiramoto, Tatsumi, 4,500,565, Cl. 427-39.000.
  Mimura, Yoshiki; Arai, Tetsuji; Shimizu, Hiroshi; and Fukuda, Satoru, 4,535,228, Cl. 219-411.000.
  Shimizu, Hiroshi, 4,504,730, Cl. 219-411.000.
  Shimizu, Hiroshi, 4,533,820, Cl. 219-411.000.
  Shimizu, Hiroshi, 4,535,227, Cl. 219-411.000.
  Sugioka, Shinji, 4,516,527, Cl. 118-723.000.
  Sugioka, Shinji, 4,525,382, Cl. 427-54.100.
  Tanaka, Kazuya; and Sugioka, Shinji, 4,525,381, Cl. 427-54.100.
Ushio, Tetsuji: *See—*
  Minami, Kenji; Kawata, Yoshimasa; Ushio, Tetsuji; Tani, Hoshiro; and Mitani, Kazuhisa, 4,502,924, Cl. 204-16.000.
Ushioda, Toyoji: *See—*
  Fukuchi, Hiromichi; and Ushioda, Toyoji, 4,549,191, Cl. 346-140.00R.
Ushiro, Tatsuzo, to Canon Kabushiki Kaisha. Video recording camera. 4,511,932, 4-16-85, Cl. 360-33.100.

- Ushiro, Tatsuzo: *See—*
  - Takimoto, Hiroyuki; Kuniyoshi, Takashi; and Ushiro, Tatsuzo, 4,492,982, Cl. 358-228.000.
- Ushiroda, Mitsuhiro: *See—*
  - Tanaka, Hideaki; Fujita, Kunihiro; and Ushiroda, Mitsuhiro, 4,504,258, Cl. 474-263.000.
- Ushirokajitani, Yoshiyuki: *See—*
  - Fujishita, Kazuo; Kaneko, Hideki; Ushirokajitani, Yoshiyuki; and Kanno, Tadao, 4,503,810, Cl. 122-13.00R.
- Ushiroyama, Nobuyasu: *See—*
  - Motoki, Kenichi; and Ushiroyama, Nobuyasu, 4,557,671, Cl. 417-328.000.
- Ushitani, Kenji: *See—*
  - Hashimoto, Kametaro; Ushitani, Kenji; Noda, Fumiyoshi; Sugiyama, Masahiko; and Murachi, Mikio, 4,533,579, Cl. 428-36.000.
- Ushiyama, Hisayuki; Ohsaki, Ichiro; Takenouchi, Masanori; and Nakahara, Toshiaki, to Canon Kabushiki Kaisha. Pressure-fixable microcapsule toner. 4,497,885, 2-5-85, Cl. 430-106.600
- Ushiyama, Hisayuki; Ochi, Hisayuki; Miyamae, Tatsuo; and Wakamiya, Katsutoshi, to Canon Kabushiki Kaisha. Developer for electrophotography having carrier particles, toner particles and electroconductive fine powders. 4,514,485, 4-30-85, Cl. 430-106.600.
- Ushiyama, Shigeyuki: *See—*
  - Amemiya, Yoichi; Ishida, Hiroshi; Takekoshi, Yashitaka; and Ushiyama, Shigeyuki, 4,551,676, Cl. 324-208.000.
- Ushizawa, Jisaburo: *See—*
  - Fujii, Takashi; Ushizawa, Jisaburo; and Watanabe, Masayuki, 4,533,822, Cl. 219-553.000.
  - Washizuka, Syoichi; Ushizawa, Jisaburo; Kokubun, Yoshihiro; and Fukuda, Tsuguo, 4,539,067, Cl. 156-601.000
- Ushizawa, Norihiko: *See—*
  - Shimomura, Takeshi; Yamaguchi, Shuichiro; Ushizawa, Norihiko; and Oyama, Noboru, 4,507,194, Cl. 204-435.000.
- USIFLAMME S.A.: *See—*
  - Corpataux, Marcel, 4,516,869, Cl. 401-131.000.
- Usiro, Kenzo: *See—*
  - Bando, Niro; Kurohara, Kazuaki; Fujima, Yasuo; Ikeda, Fumihiro; Usiro, Kenzo; and Ogasawara, Hiroyuki, 4,509,614, Cl. 180-273.000.
- Uskokovic, Milan R.: *See—*
  - Baggiolini, Enrico G.; Batcho, Andrew D.; Boris, Alfred; and Uskokovic, Milan R., 4,508,651, Cl. 260-397.200.
- USM Corporation: *See—*
  - Allen, Christopher M.; and Hinckliеff, Ian R., 4,548,989, Cl. 525-101.000.
  - Bandura, Vitaly, 4,516,310, Cl. 29-566.300.
  - Boucher, Donald A.; and Boucher, Gilbert D., 4,497,603, Cl. 411-34.000.
  - Bouzianis, George J.; and McIlvin, Donald B., 4,521,176, Cl. 425-521.000.
  - Broning, Manfred, 4,491,263, Cl. 227-152.000.
  - Bryce, William D., Jr., 4,541,761, Cl. 411-34.000.
  - Carlson, John H.; and Peterson, Carl F., 4,491,033, Cl. 74-640.000.
  - Carlson, John H., 4,524,639, Cl. 74-640.000.
  - Clark, William S., 4,553,323, Cl. 29-741.000.
  - Collett, Geoffrey K.; Martin-Jones, Christopher B.; Tapner, Peter N.; Commander, David J.; Gilbey, Mark S.; and Berks, Robert S., 4,553,490, Cl. 112-38.000.
  - Corbett, John; Brown, Edric M. E.; Tapner, Peter N.; and Commander, David J., 4,561,367, Cl. 112-38.000.
  - DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., 4,501,064, Cl. 29-832.000.
  - Dorosz, Adolph S., 4,516,456, Cl. 83-578.000.
  - Duncen, Robert J.; Maxner, Richard B.; McLean, Jean A.; and Mirley, William H., Jr., 4,549,087, Cl. 250-561.000.
  - Elliott, Richard M.; Holland, Larry L.; Gilbride, Andrew J.; Gilligan, Thomas J., III; Ciccia, Lawrence P.; and Martin, John F., 4,503,091, Cl. 427-180.000.
  - Ettinger, Donald H., 4,513,193, Cl. 219-98.000.
  - Freeman, Gary T.; Maxner, Richard B.; and Nash, Thomas F., 4,55[illegible]983, Cl. 414-331.000.
  - Garley, Anthony M.; and Stafford, Rita A., 4,510,876, Cl. 112-262.100.
  - Garner, Derek H., 4,499,622, Cl. 12-14.500.
  - Giebel, Gerhard, 4,558,478, Cl. 12-81.000.
  - Gilbride, Andrew J.; Morse, Albert I.; Crowell, Douglas H.; and Holland, Larry L., 4,502,411, Cl. 118-503.000.
  - Hanson, Raymond; and Tillyard, Malcolm, 4,500,773, Cl. 219-215.000.
  - Hanson, Raymond, 4,521,456, Cl. 427-207.100.
  - Hanson, Raymond; and Tillyard, Malcolm, 4,553,341, Cl. 34-236.000.
  - Herdeg, Donald F.; and Matseas, William G., 4,512,271, Cl. 112-158.00E.
  - Hold, Peter; and Rizzi, Marc A., 4,491,417, Cl. 366-75.000.
  - Jones, James F.; Ashby, Ronald E.; and Sinclair, Anthony P., 4,528,837, Cl. 72-391.000.
  - Kulik, Alphonse C., 4,491,996, Cl. 12-10.100.
  - Leech, Francis, 4,510,823, Cl. 74-789.000.
  - Lester, Roger, 4,507,357, Cl. 428-278.000.
  - Mansfield, Graham J.; Hall, Dennis S.; and Cameron, Ewen R., 4,557,787, Cl. 156-356.000.
  - Markhart, Gary T., 4,542,992, Cl. 366-300.000.
  - Martin, John F.; and Ripley, Donald E., 4,548,115, Cl. 83-409.000.
  - Maxner, Richard B., 4,499,649, Cl. 29-566.300.
  - Maxner, Richard B., 4,542,820, Cl. 198-817.000.
  - McCarthy, Bruce C., 4,495,240, Cl. 428-319.100.
  - Meeker, Gregory W.; and Bleck, Norris E., 4,557,683, Cl. 425-147.000.
  - Mehta, Pradip S.; and Valsamis, Lefteris N., 4,527,900, Cl. 366-99.000.
  - Mehta, Pradip S.; Valsamis, Lefteris N.; and Tadmor, Zehev, 4,529,320, Cl. 366-75.000.
  - Mehta, Pradip S.; and Valsamis, Lefteris N., 4,529,478, Cl. 159-9.100.
  - Mehta, Pradip S., 4,549,810, Cl. 366-75.000.
  - Morse, Albert I.; Crowell, Douglas H.; and Gilligan, Thomas J., III, 4,520,751, Cl. 118-203.000.
  - Morse, Albert I., 4,557,402, Cl. 222-230.000.
  - Oefinger, Richard W.; and Babyak, Richard J., 4,517,820, Cl. 72-391.000.
  - Peck, Alan M., 4,510,875, Cl. 112-121.120.
  - Peck, Alan M.; Reedman, David C.; Graveling, Frederick J.; Moore, David; and Mansfield, Graham J., 4,541,054, Cl. 364-474.000.
  - Peck, Alan M., 4,548,142, Cl. 112-121.120.
  - Peck, Douglas J.; and Spigarelli, Donald J., 4,558,524, Cl. 34-78.000.
  - Pope, John R., 4,499,845, Cl. 116-137.00A.
  - Potzas, Peter, 4,541,602, Cl. 248-544.000.
  - Price, Frank C., 4,491,997, Cl. 12-12.100.
  - Price, Frank C., 4,513,886, Cl. 222-146.500.
  - Price, Frank C.; Tout, Nigel R.; Hanson, Raymond; and Tillyard, Malcolm, 4,517,442, Cl. 219-215.000.
  - Prichard, Arthur W., 4,508,956, Cl. 219-215.000
  - Ritschel, Peter; Freudenreich, Herbert; and Hartmann, Waldemar, 4,549,915, Cl. 156-78.000.
  - St. Cyr, Paul L., 4,502,829, Cl. 414-730.000.
  - Schaty, Harald, 4,550,891, Cl. 248-68.100.
  - Schaty, Harald, 4,561,146, Cl. 16-7.000.
  - Schaty, Harold, 4,541,153, Cl. 24-305.000.
  - Shields, Thomas A., 4,499,353, Cl. 206-470.000.
  - Shtipelman, Boris A., 4,543,020, Cl. 409-12.000.
  - Simmonds, Robert C.; Gilbride, Andrew J.; and Martin, John F., 4,528,710, Cl. 12-146.00D.
  - Simmonds, Robert C., Jr.; Gilbride, Andrew J.; and Morse, Albert I., 4,540,608, Cl. 427-282.000.
  - Smith, Richard J., 4,534,249, Cl. 83-74.000.
  - Swasey, Archie N., 4,506,727, Cl. 165-90.000.
  - Symietz, Detlef, 4,507,421, Cl. 524-425.000.
  - Tout, Nigel R.; and Hanson, Raymond, 4,509,271, Cl. 34-12.000.
  - Ulbing, Otmar, 4,506,424, Cl. 29-252.000.
  - Winter, William J., 4,514,161, Cl. 425-154.000.
  - Winter, William J., 4,516,491, Cl. 100-158.00R.
- Usner, Daniel C. Multiple garment hanger transfer device. 4,557,516, 12-10-85, Cl. 294-143.000.
- Usry, Joe D., to Bunnell Life Systems, Inc. Frictionless valve/pump. 4,501,405, 2-26-85, Cl. 251-7.000.
- Usry, Joe D.; Bunnell, James B.; and Faddis, Chris G., to Bunnel Life Systems, Inc. System for assisting respiration. 4,538,604, 9-3-85, Cl. 128-204.230.
- USS Engineers & Consultants, Inc.: *See—*
  - Bates, Kenneth W.; and Watts, Norman H., 4,543,981, Cl. 137-315.000.
  - Shapland, Earl P.; and King, Patrick D., 4,545,512, Cl. 222-600.000.
- Ustav pro vyzkum motorovych vozidel: *See—*
  - Hau, Antonin, Srubar, Jiri ; Esenovskij-Laskov, Jurij K.; and Giruckij, Olgert I., 4,545,264, Cl. 74-688.000.
- Usugi, Kikuo: *See—*
  - Koyama, Reikichi; and Usugi, Kikuo, 4,562,488, Cl. 360-8.000.
- Usui, Akihiko: *See—*
  - Okuda, Naoki; Usui, Akihiko; Yamamoto, Shigeaki; and Natsume, Shogo, 4,503,129, Cl. 428-562.000.
- Usui, Fumio. Apparatus for producing sheet molding compound. 4,511,424, 4-16-85, Cl. 156-426.000.
- Usui, Katsutoshi: *See—*
  - Ona, Isao; Ozaki, Masaru; and Usui, Katsutoshi, 4,557,887, Cl. 264-216.000.
- Usui, Katumi: *See—*
  - Matsuura, Kazuo; Yamaoka, Noboru; Yanahashi, Shinichi; Usui, Katumi; and Miyoshi, Mituji, 4,495,334, Cl. 525-240.000.
- Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, to Mizusawa Industrial Chemicals, Ltd. Heat-sensitive recording paper and filler therefor. 4,509,064, 4-2-85, Cl. 346-207.000.
- Usui, Koichi; Sato, Teiji; and Tanaka, Masanori, to Mizusawa Industrial Chemicals, Ltd. Heat-sensitive recording paper and filler therefor. 4,527,178, 7-2-85, Cl. 346-207.000.
- Usui, Koichi; Ogawa, Masahide; Goto, Kunio; Sato, Teiji; Tanaka, Masanori; Takahashi, Seikichi; Ono, Kinichi; and Kojima, Seiji, to Mizusawa Industrial Chemicals, Ltd. Heat-sensitive recording paper and filler therefor. 4,544,608, 10-1-85, Cl. 428-402.000.
- Usui Kokusai Sangyo Kabushiki Kaisha: *See—*
  - Kanesaka, Hiroshi, 4,502,282, Cl. 60-602.000.
  - Kubo, Naomi, 4,495,003, Cl. 148-15.500.
  - Ryu, Hideo, 4,523,554, Cl. 123-193.00C.
  - Usui, Masayoshi; and Yonemochi, Osamu, 4,561,484, Cl. 164-101.000.
- Usui, Masahiko: *See—*
  - Aoki, Shigetada; Usui, Masahiko; and Kitano, Kojuro, 4,558,572, Cl. 62-378.000.

Usui, Masaji, to Mitsubishi Denki Kabushiki Kaisha. Input converting circuit. 4,502,013, 2-26-85, Cl. 328-26.000.
Usui, Masaji, to Mitsubishi Denki Kabushiki Kaisha. Protective relay for power system. 4,513,344, 4-23-85, Cl. 361-113.000.
Usui, Masaji, to Mitsubishi Denki Kabushiki Kaisha. Current ratio-differential relay. 4,530,025, 7-16-85, Cl. 361-87.000.
Usui, Masayoshi; and Yonemochi, Osamu, to Usui Kokusai Sangyo Kabushiki Kaisha. Method of treating a cast iron member prior to joining to another member. 4,561,484, 12-31-85, Cl. 164-101.000.
Usui, Minoru, to Casio Computer Co., Ltd. Electronic equipment. 4,504,829, 3-12-85, Cl. 340-756.000.
Usui, Sampei: *See—*
  Oouchi, Tomihisa; Usui, Sampei; Fukuda, Tamio; and Nishiguchi, Akira, 4,520,634, Cl. 62-476.000.
Usui, Sanpei: *See—*
  Nishiguchi, Akira; Usui, Sanpei; Oouchi, Tomihisa; and Iwai, Kazumi, 4,499,859, Cl. 122-18.000.
Usui, Seiji: *See—*
  Kohno, Takeshi; and Usui, Seiji, 4,556,473, Cl. 204-409.000.
Usui, Setsuo: *See—*
  Hayafuji, Yoshinori; Sawada, Akashi; Usui, Setsuo; and Shibata, Akikazu, 4,549,913, Cl. 148-33.000.
Usui, Takeshi, to NEC Corporation. Optical receiver having collision detection function. 4,531,239, 7-23-85, Cl. 455-607.000.
Usui, Toshifumi; and Yanagisawa, Syozo, to Hitachi, Ltd. Exhaust emission control device for diesel engine. 4,506,506, 3-26-85, Cl. 60-303.000.
Usui, Toshifumi; and Yanagisawa, Syozo, to Hitachi, Ltd. Exhaust emission control system for diesel engine. 4,549,399, 10-29-85, Cl. 60-286.000.
Usui, Toshinao: *See—*
  Kurono, Masayasu; Yamaguchi, Takuji; and Usui, Toshinao, 4,528,143, Cl. 260-465.00G.
Usui, Tsutomu: *See—*
  Miyawaki, Yoshiharu; Hanmyo, Masayuki; Shiratani, Yusuke; Matsuda, Yasuhiro; Komatsu, Yoshimi; Kondo, Tsuneo; and Usui, Tsutomu, 4,560,405, Cl. 75-12.000.
Usui, Yuichi: *See—*
  Kakii, Tosniaki; Toda, Yuichi; Matsuno, Koichiro; Usui, Yuichi; and Matsumoto, Michito, 4,526,732, Cl. 264-2.700.
Usuki, Arimitsu: *See—*
  Murase, Makoto; and Usuki, Arimitsu, 4,528,122, Cl. 252-518.000.
Usuki, Hiroshi; and Taniguchi, Hiroshi, to Matsushita Electric Industrial Co., Ltd. Interconnection system between image pickup device and recording device. 4,555,735, 11-26-85, Cl. 358-330.000.
USV Pharmaceutical Co.: *See—*
  Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,548,928, Cl. 514-232.000.
USV Pharmaceutical Corporation: *See—*
  Brown, Richard E.; St. Georgiev, Vassil; Kropp, Philip; and Loev, Bernard, 4,507,300, Cl. 514-280.000.
  Golec, Frederick A., Jr.; and Goetzen, Thomas, 4,535,177, Cl. 560-38.000.
  Huang, Fu-chih; Jones, Howard; Lin, Clara; and Loev, Bernard, 4,496,541, Cl. 514-2.000.
  Jones, Howard; Magnien, Ernest; Musser, John H.; and Shaikh, Mujahid L., 4,552,876, Cl. 514-234.000.
  Lee, Thomas D., 4,510,151, Cl. 514-341.000.
  Loev, Bernard; Jones, Howard; and Suh, John T., 4,491,582, Cl. 424-250.000.
  Loev, Bernard; Shroff, James R.; and Desai, Rohit, 4,500,527, Cl. 514-223.000.
  Loev, Bernard; Jones, Howard; and Shroff, James R., 4,500,528, Cl. 514-228.000.
  Loev, Bernard; Jones, Howard; and Suh, John T., 4,500,532, Cl. 514-256.000.
  Loev, Bernard; Jones, Howard; and Suh, John T., 4,505,920, Cl. 514-341.000.
  Loev, Bernard; Chan, Wan-Kit; and Jones, Howard, 4,505,930, Cl. 514-529.000.
  Loev, Bernard; Jones, Howard; and Suh, John T., 4,520,131, Cl. 514-156.000.
  Loev, Bernard; and Magnien, Ernest, 4,523,014, Cl. 544-386.000.
  Loev, Bernard; Jones, Howard; and Chan, Wan-Kit, 4,523,042, Cl. 568-824.000.
  Loev, Bernard; Chan, Wan-Kit; and Jones, Howard, 4,534,979, Cl. 514-529.000.
  Musser, John H.; and Brown, Richard E., 4,522,947, Cl. 514-293.000.
  Musser, John H.; and Sutherland, Charles A., 4,530,931, Cl. 514-312.000.
  Musser, John H.; and Sutherland, Charles A., 4,547,509, Cl. 514-311.000.
  Reilly, Laurence W., Jr., 4,503,223, Cl. 544-122.000.
  Reilly, Laurence W., Jr.; and Barton, Jeffrey N., 4,542,234, Cl. 560-38.000.
  Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, 4,496,542, Cl. 514-2.000.
  Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, 4,558,038, Cl. 514-20.000.
  Suh, John T.; Barton, Jeffrey N.; and Regan, John R., 4,500,713, Cl. 546-165.000.
  Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,507,312, Cl. 514-471.000.
  Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,549,992, Cl. 260-455.00R.
  Suh, John T.; Regan, John R.; Piwinski, John J.; Menard, Paul; and Jones, Howard, 4,555,508, Cl. 514-211.000.
  Suh, John T.; Skiles, Jerry W.; Piwinski, John J.; Menard, Paul; and Jones, Howard, 4,556,652, Cl. 514-211.000.
  Youssefyeh, Raymond D.; and Jones, Howard, 4,507,316, Cl. 514-510.000.
Utagawa, Ikuo: *See—*
  Ito, Kazuhiko; and Utagawa, Ikuo, 4,529,959, Cl. 338-295.000.
  Kubo, Yoshizo; and Utagawa, Ikuo, 4,503,286, Cl. 178-18.000.
  Kubo, Yoshizo; and Utagawa, Ikuo, 4,504,700, Cl. 178-18.000.
Utagawa, Ken, to Nippon Kogaku K.K. Focus detector. 4,544,255, 10-1-85, Cl. 354-406.000.
Utagawa, Ken, to Nippon Kogaku K.K. Focus detection apparatus. 4,561,749, 12-31-85, Cl. 354-406.000.
Utagawa, Tadashi: *See—*
  Nozaki, Hidetoshi; Kamimura, Takaaki; Hatayama, Tamothu; and Utagawa, Tadashi, 4,500,744, Cl. 136-258.000.
Utah Computer Industries, Inc.: *See—*
  Ballard, Delbert L., 4,529,621, Cl. 427-95.000.
Utah State University Foundation: *See—*
  Bourcier, Denis R., 4,534,940, Cl. 422-68.000.
  Richardson, Gary H.; and Thorpe, J. Derle, 4,542,645, Cl. 73-64.100.
  Richardson, Gary H., 4,554,165, Cl. 426-36.000.
Utaka, Katsuyuki; Sakai, Kazuo; and Akiba, Shigeyuki, to Kokusai Denshin Denwa Kabushiki Kaisha. Distributed feedback semiconductor laser. 4,516,243, 5-7-85, Cl. 372-96.000.
Utaka, Katsuyuki: *See—*
  Akiba, Shigeyuki; Sakai, Kazuo; Utaka, Katsuyuki; and Matsushima, Yuichi, 4,506,367, Cl. 372-45.000.
  Akiba, Shigeyuki; Utaka, Katsuyuki; Sakai, Kazuo; and Matsushima, Yuichi, 4,553,239, Cl. 372-50.000.
UTB Umwelttechnik Buchs AG: *See—*
  Moilliet, Guy, 4,493,770, Cl. 210-603.000.
Utlaut, Mark W.: *See—*
  Petric, Paul F.; Foley, Michael S.; Utlaut, Mark W.; and Laiacano, Joseph A., 4,528,451, Cl. 250-441.100.
UTF Schweissmaterial GmbH & Co.: *See—*
  Bodewig, Peter W., 4,497,997, Cl. 219-137.0PS.
Utsch, Berthold: *See—*
  Corbach, Rainer; Utsch, Berthold; Mohr, Adolf; and Zimmermann, Kurt, 4,542,314, Cl. 310-154.000.
Utsch, Joachim; and Morgenschweis, Theo. Code bar for identification of series parts. 4,523,088, 6-11-85, Cl. 235-487.000.
Utsugi, Mikio; and Yamaguchi, Tathuya, to Olympus Optical Co., Ltd. Endoscope. 4,552,129, 11-12-85, Cl. 128-4.000.
Utsugi, Shinji: *See—*
  Ohno, Yasuo; Seino, Tadashi; Ueno, Yukio; Kariyama, Kenji; Utsugi, Shinji; and Okada, Shigeo, 4,552,312, Cl. 239-585.000.
Utsumi, Hiroo: *See—*
  Arakawa, Miyao; Takenaka, Akihiko; Sato, Masahiro; Ohyama, Hideo; Utsumi, Hiroo; and Inoue, Shingo, 4,519,362, Cl. 123-414.000.
Utsumi, Hitoshi: *See—*
  Ooshiro, Takehiko; Iwasaki, Masayoshi; Sahara, Kousuke; Suzuki, Norio; Utsumi, Hitoshi; Miyake, Kazuo; and Aburatani, Kenji, 4,537,073, Cl. 73-602.000.
Utsumi, Isamu: *See—*
  Marti, Erwin; Heiber, Oskar; Gumma, Alexandre; Huber, Gustave; Utsumi, Isamu; Nakagawa, Hiroshi; Miyata, Tatsuhiko; and Akimoto, Koichi, 4,515,804, Cl. 514-456.000.
Utsumi, Kazuaki; Shimada, Yuzo; Suzuki, Masanori; and Takamizawa, Hideo, to Nippon Electric Co., Ltd. Multilayer substrate including layers of an alumina and borosilicate-lead-glass ceramic material. 4,536,435, 8-20-85, Cl. 428-209.000.
Utsumi, Masahiro: *See—*
  Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, 4,499,121, Cl. 427-130.000.
  Yamaguchi, Nobutaka; Iida, Shinobu; Utsumi, Masahiro; Okutu, Toshimitu; Masuyama, Kenichi; and Tadokoro, Eiichi, 4,551,386, Cl. 428-323.000.
Utsumi, Shunji; and Chikaraishi, Takayo, to Nissan Motor Company, Limited; and Ohi Seisakusho Co., Ltd. Door lock arrangement for automotive vehicle. 4,505,500, 3-19-85, Cl. 292-48.000.
Utsumi, Yoko: *See—*
  Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.
Utsumi, Yoshihiro, to Pioneer Electronic Corporation. Tracking servo signal generating device in an apparatus for reading recorded information. 4,506,149, 3-19-85, Cl. 250-202.000.
Utsunomiya, Michito, to Kabushiki Kaisha Ishida Koki Seisakusho. Load cell with adjustable bridge circuit. 4,520,339, 5-28-85, Cl. 338-5.000.
Utsunomiya, Mitito, to Kabushiki Kaisha Ishida Koki Seisakusho. Load cell. 4,557,150, 12-10-85, Cl. 73-862.650.
Utsunomiya, Tadashi; Matsumuro, Yasuhiko; and Saigo, Hideaki, to Bridgestone Tire Company Limited. Rubber compound for conveyor belts. 4,507,418, 3-26-85, Cl. 524-318.000.
Utter, Mark S.: *See—*
  Short, Robert S.; and Utter, Mark S., 4,538,296, Cl. 381-72.000.
Utter, Robert E., to American Standard Inc. Scroll machine with discharge passage through orbiting scroll plate and associated lubrication system. 4,552,518, 11-12-85, Cl. 418-55.000.

Utter, Robert E.: *See—*
Tischer, James C.; and Utter, Robert E., 4,522,575, Cl. 418-55.000.

Utter, Robert P.; and Tandeski, David A., to King Seely Thermos Co. Auger-type ice making apparatus for producing high quality ice. 4,497,184, 2-5-85, Cl. 62-354.000.

Utting, George R., to Victoreen Incorporated. Dual-color sensitometer. 4,491,400, 1-1-85, Cl. 354-20.000.

Utton, Charles G.; and Stratman, Bill D., to Motorola, Inc. Swinging pod antenna mount. 4,509,709, 4-9-85, Cl. 244-118.100.

Utts, Bradley K.; and Wimer, Oley D., to Harshaw/Filtrol Partnership. Formable light reflective compositions. 4,533,489, 8-6-85, Cl. 252-301.170.

Utvecklingsaktiebolaget Teccon: *See—*
Persbeck, Sven-Eric; and Almqvist, Bert, 4,513,830, Cl. 177-1.000.

Utyamyshev, Rustam I.; Smirnov, Boris A.; Kanshin, Nikolai N.; Korolkov, Ivan A.; and Ivanova, Tatyana L., to Vsesojuzny Nauchno-Issledovatelsky I Ispytatelny Institut Meditsinskoi Tekhniki. Surgical suturing instrument for performing anastomoses between structures of the digestive tract. 4,505,272, 3-19-85, Cl. 128-305.000.

Utyamyshev, Rustam I.: *See—*
Davydov, Anatoly B.; Babaian, Eduard A.; Metelitsa, Vladimir I.; Ostrovskaya, Tamara P.; Utyamyshev, Rustam I.; Khromov, Gennady L.; and Chazov, Evgeny I., 4,529,589, Cl. 424-81.000.

Utz, Eberhard: *See—*
Fehrenbach, Siegfried; Herbst, Kurt; and Utz, Eberhard, 4,497,437, Cl. 236-68.00B.

Uuskallio, Arvo F., to Briggs & Stratton Corp. Gas cap assembly. 4,512,499, 4-23-85, Cl. 220-374.000.

Uustalu, Jaan M., to Protector Agentur AB. Inactivated polyurethane and a method for preparing it. 4,552,817, 11-12-85, Cl. 428-423.700.

Uvex Winter Optik GmbH: *See—*
Nussbickl, Walter, 4,527,291, Cl. 2-450.000.
Stepan, Walter, 4,507,809, Cl. 2-424.000.

Uwai, Toshihiro: *See—*
Sato, Akihiro; Kikuta, Kazutsune; Matsuda, Kenji; Uwai, Toshihiro; and Hanari, Tohru, 4,514,513, Cl. 502-112.000.
Sato, Akihiro; Kikuta, Kazutsune; Uwai, Toshihiro; Matsuda, Kenji; and Hattori, Nobutaka, 4,533,705, Cl. 526-114.000.

Uwotani, Takeshi: *See—*
Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,012, Cl. 71-92.000.
Takematsu, Tetsuo; Konnai, Makoto; Morinaka, Hideo; Nonaka, Yuji; Nakanishi, Akira; Tsuzuki, Kenji; Hashihama, Mitsuyuki; and Uwotani, Takeshi, 4,554,015, Cl. 71-100.000.

Uy, William C. Scraping brush. 4,493,126, 1-15-85, Cl. 15-186.000.

Uya, Masaru, to Matsushita Electric Industrial Co., Ltd. Booster for transmitting digital signal. 4,498,021, 2-5-85, Cl. 307-443.000.

Uya, Masaru, to Matsushita Electric Industrial Co., Ltd. Schmitt trigger circuit. 4,506,168, 3-19-85, Cl. 307-290.000.

Uyama, Shintaro: *See—*
Shimamura, Morihiko; and Uyama, Shintaro, 4,508,009, Cl. 91-376.00R.

Uyeda, Takashi; and Matsumoto, Masaaki, to Tsuyama Mfg. Co., Ltd. Detector attachment arrangement. 4,521,731, 6-4-85, Cl. 324-174.000.

Uyeda, Tim, to La Gard, Inc. Universal boltworks mechanism for safe door. 4,493,199, 1-15-85, Cl. 70-333.00R.

Uyeda, Tim M., to La Gard, Inc. High security padlock. 4,512,165, 4-23-85, Cl. 70-32.000.

Uyeda, Tim M., to La Gard, Inc. Combination lock. 4,532,785, 8-6-85, Cl. 70-333.00R.

Uyeda, Tim M., to La Gard, Inc. Combination lock. 4,541,259, 9-17-85, Cl. 70-316.000.

Uyeda, Tim M.: *See—*
Payne, Errol G.; McGregor, Charles D.; and Uyeda, Tim M., 4,504,160, Cl. 400-196.100.

Uyeda, Yoshiyuki: *See—*
Murakami, Ryoichi; Uyeda, Yoshiyuki; Nishijima, Kanji; and Yanagihara, Tetsuo, 4,533,683, Cl. 523-414.000.

Uytterhoeven, Herman J.; Gilliams, Yvan K.; De Winter, Walter F.; Marien, August M.; and De Volder, Noel J., to AGFA-GEVAERT N.V. Liquid developer for development of electrostatic images comprising onium salt polymer and an anion. 4,525,446, 6-25-85, Cl. 430-117.000.

Uytterhoeven, Herman J.: *See—*
de Winter, Walter F.; Uytterhoeven, Herman J.; Gilliams, Yvan K.; and De Volder, Noel J., 4,522,908, Cl. 430-114.000.

Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, to N.V. Bekaert S.A. Catalyst and method of its preparation. 4,514,520, 4-30-85, Cl. 502-337.000.

Uytterhoeven, Jan; Jacobs, Pierre; Adriaensen, Ludo; and Geerts, Jan, to N.V. Bekaert S.A. Process for forming a catalyst and the catalytic product produced by the process. 4,515,905, 5-7-85, Cl. 502-309.000.

Uzaki, Nagato; Matui, Kazuharu; Toyoda, Shigehiro; and Hikita, Katuro, to Sintokogio Ltd. Gas hardening type molding machine. 4,531,565, 7-30-85, Cl. 164-160.100.

Uzaki, Nagato; Komori, Toshihisa; Matui, Kazuharu; and Toyoda, Shigehiro, to Sintokogio Ltd. Molding box apparatus. 4,538,665, 9-3-85, Cl. 164-160.100.

Uzaki, Nagato; Kawamura, Yasutaro; Kanayama, Ryoji; and Harada, Hisashi, to Sintokogio Ltd. Core making machine for making hollow core. 4,561,485, 12-31-85, Cl. 164-201.000.

Uzawa, Shunichi: *See—*
Hatanaka, Katsunori; and Uzawa, Shunichi, 4,532,536, Cl. 357-30.000.

Uzia R&D Associates: *See—*
Gal, Uzi, 4,513,523, Cl. 42-72.000.

Uzrad, Mordechay, to Mifalei Matechet Naan. Sprinkler. 4,512,519, 4-23-85, Cl. 239-381.000.

Uzuhashi, Hideo: *See—*
Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.

Uzuka, Mitsuo, to Sony Corporation. Brushless motor. 4,529,900, 7-16-85, Cl. 310-43.000.

Uzuka, Tadashi: *See—*
Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,589, Cl. 144-213.000.
Kajikawa, Yoshimitsu; Souma, Keinosuke; Ogaki, Kohei; Uzuka, Tadashi; and Minato, Yoshihiko, 4,494,590, Cl. 144-213.000.

Uzumaki, Mitsutaka: *See—*
Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.

Uzunova, Iglika T.: *See—*
Koev, Koycho G.; Nedelcheva, Aneliya A.; Todorova, Yasmina S.; and Uzunova, Iglika T., 4,505,432, Cl. 241-29.000.

Uzuo, Takeshi: *See—*
Hirose, Noriyasu; Kuriyama, Shizuo; Yamatsu, Kiyomi; Kitahara, Akifumi; and Uzuo, Takeshi, 4,514,395, Cl. 514-224.000.
Sugimoto, Hachiro; Hamano, Sachiyuki; Shoji, Tadao; Kaneko, Takeru; and Uzuo, Takeshi, 4,493,837, Cl. 424-253.000.

V. E. Anderson Mfg. Co.: *See—*
Anderson, Richard N., 4,506,478, Cl. 49-181.000.
Anderson, Richard N., 4,507,894, Cl. 49-449.000.
Anderson, Richard N., 4,510,713, Cl. 49-175.000.

V.G. Isogas Limited: *See—*
Barrie, Andrew; and Freedman, Phillip A., 4,495,414, Cl. 250-288.000.

V L Churchill Limited: *See—*
Holland, Ernest, 4,561,297, Cl. 73-119.00A.

V. Louison et Cie: *See—*
Louison, Guy, 4,551,995, Cl. 66-203.000.

V M E I "Lenin": *See—*
Vassilev, Vassil B.; and Sofiyanski, Vassil M., 4,494,078, Cl. 330-297.000.

V.S. Engineering Ltd.: *See—*
Scarffe, Michael F., 4,543,638, Cl. 364-513.000.

V.S.I. Corporation: *See—*
Batten, Ronald W., 4,538,483, Cl. 81-56.000.

V T U "Angel Kanchev": *See—*
Mitkov, Atanas L.; Georgiev, Ivan N.; Radulov, Peter T.; Hung, Le K.; and Atanassov, Atanas K., 4,532,940, Cl. 130-6.000.

Va. Inc.: *See—*
Pasquarella, Stephen T., 4,513,345, Cl. 361-155.000.

Vaal, John G.: *See—*
Neyens, Edward J.; and Vaal, John G., 4,540,958, Cl. 332-16.00R.

Vaara, Martti. Compounds for use in antibacterial therapy. 4,510,132, 4-9-85, Cl. 514-11.000.

Vac-Tec Systems, Inc.: *See—*
Mularie, William M., 4,559,121, Cl. 204-192.00R.
Mularie, William M., 4,559,125, Cl. 204-298.000.

Vacanti, David C.; Read, John C.; and Takeuchi, Jimmy S., to Boeing Company, The. Low-loss radio frequency multiple port variable power controller. 4,559,489, 12-17-85, Cl. 333-1.100.

Vacanti, Eugene J., to Sports Marketing, Inc. Protective pad assembly. 4,512,037, 4-23-85, Cl. 2-2.000.

Vaccari, Franco; and Balbinot, Renzo, to Nordica S.p.A. Heater device, particularly for ski boots. 4,507,877, 4-2-85, Cl. 36-2.600.

Vaccaro, Frank E.; and Kowalik, John, to RCA Corporation. Shielded electron beam guide assembly for flat panel display devices. 4,521,714, 6-4-85, Cl. 313-422.000.

Vaccaro, Nancy J.; Frost, John R.; Glatz, Alfred C.; and Schenz, Timothy W., to General Foods Corporation. Dipeptide sweetener composition. 4,536,410, 8-20-85, Cl. 426-548.000.

Vacha, Lubos J. B.; and Lindborg, Ulf H., to Telefonaktiebolaget LM Ericsson. Method and apparatus for coating filamentary objects. 4,532,160, 7-30-85, Cl. 427-434.500.

Vachek, Josef, to Bodenseewerk Geratetechnik GmbH. Hydraulic filter for eliminating slow pressure fluctuations. 4,507,971, 4-2-85, Cl. 73-707.000.

Vacher, Pierre, to A.N.F. Industrie. Bogie with orientable axles for railroad vehicles. 4,519,329, 5-28-85, Cl. 105-218.00A.

Vachiery, Edmond: *See—*
Gueussier, Andre; and Vachiery, Edmond, 4,531,972, Cl. 75-58.000.
Gueussier, Andre; and Vachiery, Edmond, 4,555,265, Cl. 75-53.000.

Vachon, Bertrand, to Ber-Vac Inc. Combined harrow and harrow bar. 4,554,977, 11-26-85, Cl. 172-177.000.

Vachon, Louis F., to Caterpillar Tractor Co. Unitary removal of engine cylinder liner, piston and rod. 4,530,141, 7-23-85, Cl. 29-156.4WL.

Vackier, Leo N.; Mampaey, Jozef L.; and Alaerts, Leo B., to AGFA-GEVAERT N.V. Apparatus for transferring xerographic images. 4,492,177, 1-8-85, Cl. 118-651.000.

Vackier, Leo N., to AGFA-GEVAERT N.V. Apparatus for transferring electrophotographic images. 4,515,461, 5-7-85, Cl. 355-3.0TR.

Vacuum Furnace System Corporation: *See—*
Gibb, Thomson B., 4,499,369, Cl. 219-552.000.
Pierce, Clifford R., 4,512,737, Cl. 432-205.000.

Vacuumatic Limited: *See—*
Day, George W.; and Dalby, Kenneth G., 4,543,658, Cl. 377-8.000.

- Vacuumschmelze GmbH: *See—*
  - Boll, Richard; and Friedrichs, Michael, 4,507,651, Cl. 340-365.00L.
  - Hillmann, Hans; and Springer, Engelbert, 4,501,062, Cl. 29-599.000.
  - Hillmann, Hans, 4,503,602, Cl. 29-599.000.
  - Muellenheim, Thomas; and Nilius, Hans-Joachim, 4,543,554, Cl. 336-83.000.
- Vadakan, Vivatvong V.: *See—*
  - Agrawal, Anil K.; Mullen, Philip G.; and Vadakan, Vivatvong V., 4,493,021, Cl. 364-200.000.
- Vadasz, Amnon F., to Intevep, S.A.; Vereinigte Edelstahlwerke AG (VEW); and Oficina Technica HGB. Check valve. 4,513,778, 4-30-85, Cl. 137-533.110.
- Vadasz, Amnon F., to Intevep, S.A. Pump. 4,516,479, 5-14-85, Cl. 92-170.000.
- Vadaszy, Richard: *See—*
  - Klotzsch, Sigrid G.; and Vadaszy, Richard, 4,543,337, Cl. 436-108.000.
- Vadetsky, Yury V.: *See—*
  - Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., 4,556,398, Cl. 464-16.000.
- Vadimsky, Richard G.: *See—*
  - Tzinis, Costas H.; and Vadimsky, Richard G., 4,550,074, Cl. 430-322.000.
- Vadis, Marty K. Method of producing an ore pellet. 4,517,014, 5-14-85, Cl. 75-3.000.
- Vadnais, Kenneth. Chuck valve dispensing means. 4,546,906, 10-15-85, Cl. 222-502.000.
- Vaerman, Jean F., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Device for detecting flaws on a piece. 4,536,654, 8-20-85, Cl. 250-458.100.
- Vaessen, Leonardus M. A.: *See—*
  - van Rooij, Jacobus H. M.; and Vaessen, Leonardus M. A., 4,543,081, Cl. 474-242.000.
  - Willemsen, Henricus P.; Vaessen, Leonardus M. A.; and van der Hoorn, Rudolf J. G. A., 4,500,485, Cl. 264-313.000.
- Vaeth, Guenter: *See—*
  - Ohlinger, Manfred; Vaeth, Guenter; Rudolf, Peter; Sarnecki, Wilhelm; Jakusch, Helmut; Koester, Eberhard; and Melzer, Milena, 4,497,723, Cl. 252-62.560.
- Vagan, Ferenc, to Apirillis 4. Gepipari Muvak. Cable drum. 4,561,607, 12-31-85, Cl. 242-118.400.
- Vaguine, Victor A.; Giebeler, Robert H., Jr.; and McEuen, Albert H., to Varian Associates, Inc. Hyperthermia applicator for treatment with microwave energy and ultrasonic wave energy. 4,556,070, 12-3-85, Cl. 128-804.000.
- Vahlberg, Christer; and Hielm, Odd. Anti-theft device for outboard motors. 4,557,458, 12-10-85, Cl. 248-553.000.
- Vahlensieck, Hans-Joachim: *See—*
  - Fischer, Peter; Groh, Reiner; and Vahlensieck, Hans-Joachim, 4,506,087, Cl. 556-471.000.
  - Seiler, Claus-Dietrich; and Vahlensieck, Hans-Joachim, 4,537,983, Cl. 556-479.000.
  - Seiler, Claus-Dietrich; and Vahlensieck, Hans-Joachim, 4,556,724, Cl. 556-429.000.
- Vahlstrom, Richard; Keats, Dennis R.; and Lee, Peter T., to McDonnell Douglas Corporation. Computer rotate function. 4,495,598, 1-22-85, Cl. 364-900.000.
- Vahlstrom, Richard; and Keats, Dennis R., to Microdata Corporation. Computer operand address computation. 4,538,223, 8-27-85, Cl. 364-200.000.
- Vahratian, Adam; Maynard, Roosevelt, Jr.; Croswhite, Howard L.; and Liang, Po-lung, to Ford Motor Company. Four speed ratio transaxle with overdrive. 4,509,389, 4-9-85, Cl. 74-695.000.
- Vaidya, Ashok W., to EMI Limited. Magnetic field gradiometer with trimming element. 4,549,135, 10-22-85, Cl. 324-248.000.
- Vaidya, Jayant G., to Sundstrand Corporation. Redundant multiple channel electric motors and generators. 4,550,267, 10-29-85, Cl. 310-184.000.
- Vaidya, Sheila: *See—*
  - Levinstein, Hyman J.; and Vaidya, Sheila, 4,555,842, Cl. 29-571.000.
- Vaijarvi, Seppo: *See—*
  - Sipila, Heikki; Kiuru, Erkki; and Vaijarvi, Seppo, 4,520,267, Cl. 250-358.100.
- Vail, David K.: *See—*
  - Murphy, John W.; and Vail, David K., 4,559,613, Cl. 364-703.000.
- Vail, William B., III, to ParaMagnetic Logging, Inc. Nuclear magnetic resonance method and apparatus for remote detection and volumetric measurement of petroleum reserves. 4,528,508, 7-9-85, Cl. 324-303.000.
- Vailancourt, Vincent L., to Whitman Medical Corporation. Catheter valve. 4,512,766, 4-23-85, Cl. 604-169.000.
- Vailati, Tony; and Murray, Joseph A., to Olympic Narrow Fabrics Company, Inc. Waistband fabric. 4,551,994, 11-12-85, Cl. 66-193.000.
- Vaillancourt, Vincent: *See—*
  - Lichtenstein, Joseph; and Vaillancourt, Vincent, 4,492,258, Cl. 141-1.000.
- Vaillancourt, Vincent L., to Manresa, Inc. Sterile connection device. 4,511,359, 4-16-85, Cl. 604-411.000.
- Vaillancourt, Vincent L., to Manresa, Inc. Closed system catheter with guide wire. 4,525,157, 6-25-85, Cl. 604-52.000.
- Vaillancourt, Vincent L., to Manresa, Inc. Treating hydrophobic filters to render them hydrophilic. 4,525,374, 6-25-85, Cl. 427-2.000.
- Vaillant, Michael; and Klarhorst, Gunter. Apparatus for generating an aerosol. 4,518,404, 5-21-85, Cl. 55-256.000.
- Vainio, Frans: *See—*
  - Halonen, Heino; Hetemaa, Kalevi; and Vainio, Frans, 4,543,026, Cl. 414-352.000.
- Vaisala Oy: *See—*
  - Kuisma, Heikki T.; Lehto, Ari; and Jalava, Jouko S., 4,500,940, Cl. 361-286.000.
  - Varkia, Esa, 4,499,763, Cl. 73-170.00R.
- Vaisman, Jakov. Multi-lateral edge unit having an asymmetrical design that extends to the lateral edges. 4,546,025, 10-8-85, Cl. 428-47.000.
- Vaittinen, Hannu A.: *See—*
  - Blomqvist, Seppo I.; Saarela, Markku T.; Huhtala, Martti E.; Niska, Raimo A.; and Vaittinen, Hannu A., 4,538,986, Cl. 432-236.000.
- Vajda, Gabor; Ravasz, Laszlo; Karacsonyi, Bela; and Tabajdi, Gabor, to Kozponti Valto- es Hitelbank RT. Innovacios Alap. Chocolate products with increased protein content and process for the production of such type products. 4,493,853, 1-15-85, Cl. 426-582.000.
- Vajna, Sandor: *See—*
  - Minz, Franz-Rudolf; and Vajna, Sandor, 4,556,463, Cl. 204-98.000.
- Val, Christian, to Compagnie d'Informatique Militaire Spatiale & Aeronautique. Composite substrate with high heat conduction. 4,546,028, 10-8-85, Cl. 428-116.000.
- Val, Christian, to Compagnie d'Informatique Militaire Spatiale & Aeronautique. Electronic component package comprising a moisture-retention element. 4,553,020, 11-12-85, Cl. 219-209.000.
- Val, Christian, to Thomson-CSF. Device for the protection of an electronic component and/or circuit against the disturbances (voltages) generated by an external electromagnetic field. 4,559,579, 12-17-85, Cl. 361-220.000.
- Val, Christian: *See—*
  - Lambert, Francois; and Val, Christian, 4,517,356, Cl. 528-483.000.
  - Le Ny, Jacques; and Val, Christian, 4,518,818, Cl. 174-52.0FP.
- Val Lesina S.p.A.: *See—*
  - Ballarati, Vito; and Tajana, Franco, 4,537,227, Cl. 139-420.00R.
- Val Products, Inc.: *See—*
  - Steudler, Frederick W., Jr., 4,524,724, Cl. 119-72.500.
  - Steudler, Frederick W., Jr., 4,543,912, Cl. 119-18.000.
- Valasek, Miloslav; Langer, Frantisek; Hradek, Jaroslav; and Seeman, Jindrich, to Tovarny strojirenske techniky. Device for control of lasting machine for shoe toes by gluing. 4,517,457, 5-14-85, Cl. 250-239.000.
- Valashinas, James W.: *See—*
  - Agnew, Palmer W.; Buonomo, Joseph P.; Houghtalen, Steven R.; Kellerman, Anne S.; Losinger, Raymond E.; and Valashinas, James W., 4,514,803, Cl. 364-200.000.
- Valavaara, Viljo K., to Inventors Compendium International Corp. Hydrostatic transmissions. 4,495,768, 1-29-85, Cl. 60-414.000.
- Valayil, Silvester; Abu-Moustafa, Magda; and Benjamin, Terry A., to Shipley Company Inc. Solution for formation of black oxide. 4,512,818, 4-23-85, Cl. 148-6.14R.
- Valayil, Silvester P.; and Aronson, Vita, to Shipley Company Inc. Aluminum storage disc. 4,525,759, 6-25-85, Cl. 360-135.000.
- Valayil, Silvester P.: *See—*
  - Abu-Moustafa, Magda; and Valayil, Silvester P., 4,539,044, Cl. 106-1.230.
- Valbert, Gary G.: *See—*
  - Mitchell, Thomas L.; McMahill, Patrick D.; Valbert, Gary G.; and Wellauer, John C., 4,518,276, Cl. 403-13.000.
- Valbona, Bruno M.: *See—*
  - Brym, Stanley J.; and Valbona, Bruno M., 4,518,263, Cl. 366-206.000.
- Valco Cincinnati, Inc.: *See—*
  - Santefort, Richard A., 4,517,917, Cl. 118-302.000.
- Valcom Limited: *See—*
  - Brandigampola, Don E., 4,500,888, Cl. 343-873.000.
- Valcor Engineering Corporation: *See—*
  - Kreitchman, Morton A.; and Arnold, Kurt, 4,561,468, Cl. 137-625.500.
- Valdemarsson, Stefan, to ASEA Aktiebolag. Temperature-compensated magnetoelastic force measuring means. 4,541,289, 9-17-85, Cl. 73-862.690.
- Valdes, Guillermo A.; Figueredo, Fernando F.; Pacheco, Benjamin G.; and Framil, Armando. Oscillating cutting apparatus. 4,501,310, 2-26-85, Cl. 144-34.00R.
- Valdes, Guillermo A.; Pacheco, Benjamin G.; Figueredo, Fernando F.; and Framil, Armando. Oscillating cutting element. 4,518,022, 5-21-85, Cl. 30-166.00R.
- Valdespino, Joseph M.; Holcomb, Allen K.; and Hobby, William M. Hemodialysis meter. 4,553,552, 11-19-85, Cl. 128-637.000.
- Valdez, Gabriel A.: *See—*
  - Boggs, William G.; VanDenburgh, David S.; and Valdez, Gabriel A., 4,509,726, Cl. 256-8.000.
- Valdiserri, Leo L.; and Woodbury, Richard P., to Borg-Warner Chemicals, Inc. Process for preparing phosphite-isocyanurates oligomers. 4,546,180, 10-8-85, Cl. 544-214.000.
- Valdois, Michel; Maitre, Pierre; Besson, Raymond; and Boy, Jean-Jacques, to Schlumberger Technology Corporation. Piezoelectric pressure and/or temperature transducer. 4,547,691, 10-15-85, Cl. 310-361.000.
- Vale, Wylie W., Jr.; and Rivier, Jean E. F., to Salk Institute for Biological Studies, The. GRF Analogs IV. 4,528,190, 7-9-85, Cl. 514-12.000.
- Vale, Wylie W., Jr.: *See—*
  - Evans, Ronald M.; Swanson, Larry; Vale, Wylie W., Jr.; Rosenfeld, Michael G.; Amara, Susan G.; Brown, Marvin R.; and Rivier, Jean E. F., 4,530,838, Cl. 514-11.000.
  - Rivier, Jean E. F.; and Vale, Wylie W., Jr., 4,518,586, Cl. 514-12.000.

  - Rivier, Jean E. F.; and Vale, Wylie W., Jr., 4,529,595, Cl. 514-12.000.
- Valeas S.p.A.: *See—*
  - Bernareggi, Virgilio; Bonifacio, Fausto; Margutti, Roberto; and Fano, Maurizio, 4,558,054, Cl. 514-291.000.
- Valehrach, Emil M., to Karsten Solheim. Apparatus for compression testing and sorting golf balls. 4,555,028, 11-26-85, Cl. 209-599.000.
- Valencia, Jaime A.; and Denton, Robert D., to Exxon Production Research Co. Method of separating acid gases, particularly carbon dioxide, from methane by the addition of a light gas such as helium. 4,511,382, 4-16-85, Cl. 62-20.000.
- Valencia, Jaime A.; and Denton, Robert D., to Exxon Production Research Co. Method and apparatus for separating carbon dioxide and other acid gases from methane by the use of distillation and a controlled freezing zone. 4,533,372, 8-6-85, Cl. 62-12.000.
- Valencia, Vance I.: *See—*
  - Arendt, Paul N.; and Valencia, Vance I., 4,551,844, Cl. 373-12.000.
- Valenta, Joseph R.: *See—*
  - Bowie, Betty A.; Newman, David J.; Shearer, Marcia C.; Sitrin, Robert D.; and Valenta, Joseph R., 4,548,974, Cl. 424-118.000.
- Valenta, Robert J., to Packard Instrument Company, Inc. Method and apparatus for measuring radioactive decay. 4,528,450, 7-9-85, Cl. 250-362.000.
- Valente, Raymond L., to Valente, Raymond L. Metal working apparatus. 4,531,439, 7-30-85, Cl. 83-200.000.
- Valenti, Edward R.; Adamczyk, Thomas J.; and Graham, Larry W., to Alden Press, Inc. Motion stabilizing and aligning apparatus for moving folded signatures through an ink jet printer. 4,493,482, 1-15-85, Cl. 270-12.000.
- Valenti, Nicholas. Formed briquettes, process for forming the same and process for utilizing the same in the manufacture of metals. 4,497,661, 2-5-85, Cl. 75-256.000.
- Valenti, Nicholas. Formed metal-containing briquettes, process for forming the same and process for utilizing the same in the manufacture of steel. 4,529,446, 7-16-85, Cl. 75-256.000.
- Valenti, Salvatore: *See—*
  - Runyon, James R.; and Valenti, Salvatore, 4,511,707, Cl. 528-250.000.
- Valentin, Ingo, to Applied Power Inc. Control system for a variable displacement pump. 4,519,752, 5-28-85, Cl. 417-298.000.
- Valentin, Ingo: *See—*
  - Van Den Kieboom, Jan M.; and Valentin, Ingo, 4,546,632, Cl. 72-158.000.
- Valentin, Jean; Suply, Patrick; and Detrier, Stephane, to Etablissements F. Valentin. Device for incorporating a dose of liqueur in a bottle of champagnized wine. 4,538,652, 9-3-85, Cl. 141-57.000.
- Valentin, Jean P., to Etat Francais. Temperature-compensated quartz oscillator. 4,558,248, 12-10-85, Cl. 310-315.000.
- Valentin, Jean-Pascal: *See—*
  - Besson, Raymond J.; Boy, Jean-Jacques; and Valentin, Jean-Pascal, 4,562,375, Cl. 310-338.000.
- Valentine, Al L., to State Die & Engineering, Inc. Power operated rotatable clamping assembly. 4,494,739, 1-22-85, Cl. 269-32.000.
- Valentine, Al L.; Rinke, Bernard; and Wenzel, Chester M., to State Die & Engineering, Inc. Robotic manipulator including actuating unit. 4,507,045, 3-26-85, Cl. 414-753.000.
- Valentine, Al L., to State Die & Engineering, Inc. Wide opening gripping jaw assembly. 4,529,182, 7-16-85, Cl. 269-34.000.
- Valentine, Al L. Pivotal lift apparatus. 4,537,085, 8-27-85, Cl. 74-99.00A.
- Valentine, Daniel R.: *See—*
  - Freund, Robert F.; and Valentine, Daniel R., 4,544,184, Cl. 283-94.000.
- Valentine, Edward H.: *See—*
  - Graf, Matthew C.; Muhlfeld, Hans P., Jr.; and Valentine, Edward H., 4,517,661, Cl. 364-900.000.
- Valentine, Gordon A.; and Gale, Edwin J., to Stanley Aviation Corporation. Spherical seat flexible O-ring coupling. 4,522,433, 6-11-85, Cl. 285-93.000.
- Valentine, Joseph: *See—*
  - Humphreys, John K.; and Valentine, Joseph, 4,562,128, Cl. 429-178.000.
- Valentine, Michael J.: *See—*
  - Reinfeld, Nyles V.; and Valentine, Michael J., 4,492,663, Cl. 264-45.400.
  - Reinfeld, Nyles V.; and Valentine, Michael J., 4,550,549, Cl. 53-447.000.
- Valentine, Robert H., to Hercules Incorporated. Low density, polybutadiene based, wet filament winding resin. 4,499,240, 2-12-85, Cl. 525-193.000.
- Valentine, Theodore W.: *See—*
  - Gibbard, Henry F.; Murray, Richard C., Jr.; Putt, Ronald A.; Valentine, Theodore W.; and Menard, Claude J., 4,552,821, Cl. 429-57.000.
- Valentine, Walter J., to Garbo, Paul W., a part interest. Electrical warning system for malfunctions in refrigeration. 4,514,724, 4-30-85, Cl. 340-648.000.
- Valentino, Pasquale A.: *See—*
  - Rothenberg, Carl; Stangel, John J.; and Valentino, Pasquale A., 4,507,662, Cl. 343-376.000.
- Valentino, Pearl T. Hospital bed step. 4,524,475, 6-25-85, Cl. 5-507.000.
- Valenty, Vivian B., to A. E. Staley Manufacturing Company. Detergent builder. 4,524,009, 6-18-85, Cl. 252-89.100.
- Valenza, Frank: *See—*
  - Rubin, Gene L.; Filipowicz, Anthony H.; and Valenza, Frank, 4,553,344, Cl. 40-152.000.
- Valenzano, Marcello. Construction forms. 4,550,543, 11-5-85, Cl. 52-309.700.
- Valenzuela, Pablo D. T.: *See—*
  - Cousens, Lawrence S.; Bell, Graeme I.; and Valenzuela, Pablo D. T., 4,510,245, Cl. 435-172.300.
- Valeo: *See—*
  - Alas, Jacques, 4,529,074, Cl. 192-70.120.
  - Alas, Jacques, 4,545,473, Cl. 192-106.200.
  - Andrieux, Raymond, 4,533,260, Cl. 384-206.000.
  - Bacher, Michel; and Despres, Dominique, 4,531,622, Cl. 192-70.180.
  - Bertin, Patrice, 4,492,283, Cl. 180-148.000.
  - Billet, Rene, 4,560,055, Cl. 192-109.00R.
  - Cadars, Patrick, 4,492,267, Cl. 165-104.320.
  - Cadars, Patrick, 4,544,029, Cl. 165-149.000.
  - Cadars, Patrick, 4,546,797, Cl. 138-38.000.
  - Caray, Andre, 4,516,672, Cl. 192-107.00C.
  - Caray, Andre, 4,545,468, Cl. 192-106.200.
  - Caray, Andre, 4,545,472, Cl. 192-98.000.
  - Despres, Dominique, 4,558,771, Cl. 192-70.180.
  - Filderman, Rene; and Pilache, Michel, 4,525,159, Cl. 474-201.000.
  - Focqueur, Herve, 4,532,768, Cl. 60-585.000.
  - Gizard, Michel, 4,553,450, Cl. 74-689.000.
  - Herbulot, Jean; and Jumel, Bernard, 4,505,363, Cl. 188-72.500.
  - Herbulot, Jean; and Jumel, Bernard, 4,508,199, Cl. 188-250.00B.
  - Jacquet, Maurice; and Le Du, Jean-Claude, 4,492,361, Cl. 251-356.000.
  - Jacquet, Maurice, 4,498,528, Cl. 165-42.000.
  - Lassiaz, Philippe, 4,560,053, Cl. 192-98.000.
  - Loizeau, Pierre, 4,496,036, Cl. 192-106.200.
  - Loizeau, Pierre, 4,537,298, Cl. 192-106.200.
  - Loizeau, Pierre, 4,537,579, Cl. 464-68.000.
  - Loizeau, Pierre; and Caray, Andre, 4,537,580, Cl. 464-68.000.
  - Loizeau, Pierre, 4,547,176, Cl. 464-68.000.
  - Loizeau, Pierre, 4,549,642, Cl. 192-106.200.
  - Loizeau, Pierre, 4,556,135, Cl. 192-106.200.
  - Loizeau, Pierre, 4,560,366, Cl. 464-68.000.
  - Pitoiset, Didier, 4,559,026, Cl. 474-14.000.
  - Renaud, Pierre, 4,498,565, Cl. 192-98.000.
  - Renaud, Pierre, 4,498,566, Cl. 192-98.000.
  - Renaud, Pierre, 4,519,488, Cl. 192-98.000.
  - Renaud, Pierre, 4,524,856, Cl. 192-98.000.
  - Renaud, Pierre, 4,529,075, Cl. 192-98.000.
  - Renaud, Pierre, 4,529,076, Cl. 192-98.000.
  - Renaud, Pierre, 4,529,077, Cl. 192-99.00S.
  - Renaud, Pierre, 4,537,294, Cl. 192-98.000.
  - Renaud, Pierre, 4,560,052, Cl. 192-98.000.
  - Rogier, Leonce, 4,496,017, Cl. 180-70.100.
  - Villeval, Denis, 4,491,174, Cl. 165-104.320.
  - Villeval, Denis, 4,494,669, Cl. 220-204.000.
  - Villeval, Denis, 4,512,396, Cl. 165-104.320.
- Valero, Juan A.: *See—*
  - Stanbery, Dan P.; and Valero, Juan A., 4,549,351, Cl. 30-293.000.
- Valeron Corporation, The: *See—*
  - Naccarato, Peter D.; and Johnson, Robert W., 4,547,100, Cl. 407-39.000.
- Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis. Process for determining the pH value in the interior of a cell. 4,503,148, 3-5-85, Cl. 435-29.000.
- Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis. Compounds for determining the pH value in the interior of a cell. 4,515,730, 5-7-85, Cl. 260-465.00D.
- Valet, Jean-Yves: *See—*
  - Vegeais, Patrick; Brot, Michel; and Valet, Jean-Yves, 4,555,715, Cl. 346-76.0PH.
- Valier, Gerald A.: *See—*
  - Thiem, Carol J.; Lavering, Gordon R.; and Valier, Gerald A., 4,546,325, Cl. 330-45.000.
- Valignat, Jean: *See—*
  - Aubert, Andre; Valignat, Jean; and Wyon, Christophe, 4,504,553, Cl. 428-622.000.
- Valikov, Sioma, to Harry Wolf & Sons. Gold jewelry clasp assembly. 4,520,537, 6-4-85, Cl. 24-616.000.
- Valimont, James L.; and Phares, Hershel L., to PPG Industries, Inc. Vacuum mold for making a windshield subassembly. 4,501,546, 2-26-85, Cl. 425-388.000.
- Valint, Paul L., Jr.; and Bock, Jan, to Exxon Research & Engineering Co. Water soluble block polymers. 4,492,785, 1-8-85, Cl. 524-529.000.
- Valint, Paul L., Jr.: *See—*
  - Bock, Jan; and Valint, Paul L., Jr., 4,548,735, Cl. 252-312.000.
- Valiulis, Mary M. Dual mandrel electric curling iron with separate angularly adjustable hair clamps. 4,533,819, 8-6-85, Cl. 219-225.000.
- Valiulis, Stanley C., to Southern Imperial, Inc. Method and apparatus for supporting a display carton. 4,560,062, 12-24-85, Cl. 206-44.00R.
- Valk, Giselher: *See—*
  - Hynek, Bernd; Valk, Giselher; and Treptau, Gerhard, 4,525,403, Cl. 428-87.000.
- Valko, Joseph T., to PPG Industries, Inc. Electrodeposition of resinous compositions curable through a transesterification curing mechanism. 4,511,447, 4-16-85, Cl. 204-181.00C.
- Valko, Joseph T.: *See—*
  - Christenson, Roger M.; Valko, Joseph T.; Plasynski, Joseph E.; and Scriven, Roger L., 4,560,717, Cl. 523-456.000.
- Valkovich, Phillip B.: *See—*
  - Chou, Kechia J.; and Valkovich, Phillip B., 4,510,063, Cl. 252-51.50R.

Vallak, Enn; and Vallak, Hannes, to International Ferrox Co., Establishment. Ingot mould having a hot-top inside the upper part of the mould. 4,515,341, 5-7-85, Cl. 249-106.000.
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  Vallak, Enn; and Vallak, Hannes, 4,515,341, Cl. 249-106.000.
Vallana, Franco: *See—*
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Vallance, Marguerita A.: *See—*
  Dales, John R. M.; and Vallance, Marguerita A., 4,501,696, Cl. 260-245.20R.
Valle, Erick: *See—*
  Toro, Henry D.; and Valle, Erick, 4,531,381, Cl. 62-372.000.
Valle, Franco; and Musso, Pietro, to Ing. C. Olivetti & C., S.p.A. Line spacing device for printing machines. 4,531,850, 7-30-85, Cl. 400-551.000.
Valle, Roger: *See—*
  Batard, Denis; Freland, Jean-Claude; Wallez, Bernard; Desffains, Jean Paul; and Valle, Roger, 4,559,933, Cl. 128-78.000.
Valle, Ronald. Method of inducing sleep. 4,493,827, 1-15-85, Cl. 424-166.000.
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  Frehel, Daniel; Maffrand, Jean-Pierre; and Vallee, Eric, 4,500,534, Cl. 514-301.000.
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Vallee, Robert G., to George P. Johnson Co. Display turntable. 4,498,398, 2-12-85, Cl. 104-44.000.
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Vallese, Eleanor R., executrix: *See—*
  Lindner, Robert W.; and Vallese, Lucio M., deceased, 4,539,589, Cl. 358-113.000.
Vallese, Lucio M., deceased: *See—*
  Lindner, Robert W.; and Vallese, Lucio M., deceased, 4,539,589, Cl. 358-113.000.
Valley Candle Mfg. Co., Inc.: *See—*
  Ginardi, Jack L., 4,496,307, Cl. 431-34.000.
Valley, Charles R., to United States of America, Air Force. Apparatus for etching vertical junction solar cell wafers. 4,501,636, 2-26-85, Cl. 156-345.000.
Valley, George C., to Hughes Aircraft Company. Agile beam laser. 4,493,085, 1-8-85, Cl. 372-19.000.
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Valley Sales Co.: *See—*
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ValleyLab, Inc.: *See—*
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Vallhonrat, Juan B., to Litton Resources Systems, Inc. Large volume, high speed data processor. 4,491,916, 1-1-85, Cl. 364-200.000.
Vallin, Didier; Grassien, Jean-Yves; Chenebault, Philippe; and Kerouanton, Alain, to SAFT. Electrochemical cell with negative active material based on an alkali or alkaline earth metal. 4,547,441, 10-15-85, Cl. 429-196.000.
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Vallomy, John A., to Intersteel Technology, Inc. Apparatus for continuous steelmaking. 4,543,124, 9-24-85, Cl. 75-46.000.
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  Duret, Jean, 4,494,777, Cl. 285-55.000.
  Gueussier, Andre; and Vachiery, Edmond, 4,531,972, Cl. 75-58.000.
  Gueussier, Andre; and Vachiery, Edmond, 4,555,265, Cl. 75-53.000.
  Plaquin, Bernard, 4,515,020, Cl. 73-761.000.
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  Duret, Jean, 4,550,937, Cl. 285-334.000.
  Peytavin, Pierre, 4,541,262, Cl. 72-214.000.
Vallvey, Juan A.: *See—*
  Sole, Carlos M.; and Vallvey, Juan A., 4,500,361, Cl. 106-298.000.
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  Bergous, Rauno, 4,506,756, Cl. 180-291.000.
  Eskelinen, Pekka; and Nurmio, Matti, 4,516,330, Cl. 34-23.000.
  Eskelinen, Pekka, 4,536,970, Cl. 34-41.000.
  Eskelinen, Pekka; and Vuorinen, Vesa, 4,539,762, Cl. 34-114.000.
  Eskelinen, Pekka, 4,551,203, Cl. 162-202.000.
  Haantera, Antti I., 4,494,476, Cl. 114-260.000.
  Hujala, Jorma; and Koponen, Martti, 4,517,054, Cl. 162-301.000.
  Hyytinen, Timo, 4,532,730, Cl. 42-73.000.
  Karvinen, Mikko; and Laapotti, Jorma, 4,526,655, Cl. 162-360.100.
  Kerttula, Reima; and Eskelinen, Pekka, 4,543,160, Cl. 162-193.000.
  Kiuru, Rainer, 4,501,643, Cl. 162-286.000.
  Koski, Erkki, 4,514,259, Cl. 162-343.000.
  Koski, Erkki, 4,537,659, Cl. 162-352.000.
  Kulju, Sakari, 4,537,236, Cl. 144-336.000.
  Laapotti, Jorma, 4,525,241, Cl. 162-301.000.
  Laapotti, Jorma, 4,551,205, Cl. 162-360.100.
  Makitalo, Seppo; and Manttari, Erkki, 4,502,559, Cl. 180-75.000.
  Matarainen, Reino, 4,492,612, Cl. 162-360.00R.
  Pullinen, Martti, 4,523,978, Cl. 162-300.000.
  Skytta, Osmo; and Sailas, Vaino, 4,559,106, Cl. 162-358.000.
  Vedenpaa, Timo, 4,513,517, Cl. 34-114.000.
  Viitanen, Olavi; and Kerttula, Reima, 4,542,593, Cl. 34-41.000.
  Ylonen, Paavo; Hirvikoski, Urpo; Piippo, Esa; and Rajala, Pentti, 4,548,164, Cl. 123-2.000.
Valone, Frederick W.; and Rutledge, Joseph, to Texaco Inc. Corrosion inhibitors. 4,499,006, 2-12-85, Cl. 252-392.000.
Valsamakis, Emmanuel A.: *See—*
  Bhatia, Harsaran S.; Bhatia, Satyapal S.; Riseman, Jacob; and Valsamakis, Emmanuel A., 4,507,171, Cl. 156-643.000.
Valsamis, Lefteris N.: *See—*
  Mehta, Pradip S.; and Valsamis, Lefteris N., 4,527,900, Cl. 366-99.000.
  Mehta, Pradip S.; Valsamis, Lefteris N.; and Tadmor, Zehev, 4,529,320, Cl. 366-75.000.
  Mehta, Pradip S.; and Valsamis, Lefteris N., 4,529,478, Cl. 159-9.100.
Valspar Corporation, The: *See—*
  Anderson, Jeffrey L.; Ruhoff, Philip J.; and Edenborg, Robert B., 4,511,692, Cl. 525-7.000.
  Lynch, Conrad L.; and Tobias, Michael A., 4,540,751, Cl. 525-517.500.
Valstyn, Erich P., to Computer & Communications Technology Corp. Automatic throat height control for film heads. 4,511,942, 4-16-85, Cl. 360-126.000.
Valtion Teknillinen Tutkimuskeskus: *See—*
  Autio, Karin; Kiesvaara, Martti; and Malkki, Yrjo, 4,518,525, Cl. 260-112.00B.
  Orjala, Markku, 4,515,088, Cl. 110-110.000.
Valve Conversions Limited: *See—*
  Stewart, Duncan R., 4,496,071, Cl. 220-319.000.
Valve Precision S.A.R.L.: *See—*
  Marcon, Christian, 4,506,805, Cl. 222-153.000.
Valverde, Luis: *See—*
  Gil, Angel; and Valverde, Luis, 4,544,559, Cl. 426-72.000.
Valyocsik, Ernest W., to Mobil Oil Corporation. Organic template for synthesis of ZSM-23 zeolite. 4,531,012, 7-23-85, Cl. 564-295.000.
Valyocsik, Ernest W., to Mobil Oil Corporation. Synthesis of crystalline silicate ZSM-12. 4,539,193, 9-3-85, Cl. 423-328.000.
Valyocsik, Ernest W., to Mobil Oil Corporation. Process for making zeolite ZSM-45 with an organocobalt complex. 4,556,549, 12-3-85, Cl. 423-326.000.
Valyocsik, Ernest W.; and Derouane, Eric G., to Mobil Oil Corporation. Synthesis of zeolite ZSM-5 with anionic organic compounds. 4,557,917, 12-10-85, Cl. 423-328.000.
Valyocsik, Ernest W., to Mobil Oil Corporation. Synthesis of Dodecasil-1H with a methylazabicyclononanium directing agent. 4,562,166, 12-31-85, Cl. 502-62.000.
Valyocsik, Ernest W.: *See—*
  Rankel, Lillian A.; and Valyocsik, Ernest W., 4,500,503, Cl. 423-329.000.
Vamatex S.p.A.: *See—*
  Pezzoli, Nello, 4,505,305, Cl. 139-448.000.
Vamos, Gyorgy: *See—*
  Sajo, Istvan; Vamos, Gyorgy; Urmossy, Miklos; Sipos nee Kaveczka, Barbara; Zemplen nee Papp, Eva; Borsovszky, Eva; and Barta, Laszlo, 4,491,633, Cl. 436-147.000.
Vamvakaris, Christos: *See—*
  Greif, Norbert; Oppenlaender, Knut; Hettche, Albert; and Vamvakaris, Christos, 4,496,439, Cl. 204-55.00R.
Vamvakas, Michael. Label disposal filter. 4,545,908, 10-8-85, Cl. 210-256.000.
Vamvakas, Spiro: *See—*
  Brown, Thomas A.; Dissosway, Marc A.; Peil, William; and Vamvakas, Spiro, 4,495,446, Cl. 315-206.000.
Van Doorne's Transmissie B.V.: *See—*
  Cadee, Theodorus P. M., 4,500,301, Cl. 474-28.000.
  Cadee, Theodorus P. M., 4,531,927, Cl. 474-72.000.
  Svab, Eugen; van Deursen, Petrus H.; and Cadee, Theodorus P. M., 4,543,852, Cl. 74-695.000.
  van Deursen, Petrus H.; Svab, Eugen; and Abromeit, Gerhard, 4,528,870, Cl. 74-701.000.
Van Dorn Company: *See—*
  Fundom, Danny L.; and Kirk, William A., 4,524,879, Cl. 220-273.000.
  Milton, James W.; and Boig, Robert W., 4,518,097, Cl. 220-307.000.
Van Dyk & Company Inc.: *See—*
  Conner, Donald E.; and Klein, Kenneth, 4,515,774, Cl. 424-59.000.
Van Express, Inc.: *See—*
  Simeri, Albert R.; and Simeri, Paul S., 4,505,509, Cl. 296-63.000.
Van, Tri S.: *See—*
  Lin, Frank W.; Moon, Suhdok D.; Van, Tri S.; and Anzai, Max I., 4,517,503, Cl. 318-561.000.
Van, Tri V.: *See—*
  Maillard, Jacques G.; Van, Tri V.; Legeai, Jacky M.; and Benharkate, Marguerite M., 4,556,674, Cl. 514-426.000.
van Alem, Antonius A. M., to U.S. Philips Corporation. Opto-electronic focusing-error detection device. 4,533,826, 8-6-85, Cl. 250-201.000.
Van Allen, David E.: *See—*
  Barr, Charles A.; Van Allen, David E.; and Zanardelli, John K., 4,491,434, Cl. 40-362.000.
Van Allen, Kent; and Bordato, James M., to Scans Associates, Inc. Weigh scale. 4,492,281, 1-8-85, Cl. 177-213.000.

Van Allen, Kent: *See—*

Converse, Vernon G., III; Bordato, James M.; Bott, Theodore R.; Foerster, Charles E., Jr.; Miller, Robert E.; Mudge, Ronald K.; Pace, Aldren M.; and Van Allen, Kent, 4,502,318, Cl. 73-3.000.

Smith, Richard L.; and Van Allen, Kent, 4,491,773, Cl. 318-257.000.

van Alst, Gerardus M., to AMP Incorporated. Modular electrical connector for connecting wires in cable ends. 4,552,429, 11-12-85, Cl. 339-99.00R.

Van Amsterdam, Peter H.: *See—*

Ruijten, Henri M.; De Bree, Hans; Van Amsterdam, Peter H.; and Wiegers, Elbert, 4,554,071, Cl. 210-198.200.

Van Antwerp, Joel C., to TRW Inc. Automatic brightness control apparatus. 4,514,727, 4-30-85, Cl. 340-793.000.

Van Antwerpen, Hubrecht C., to U.S. Philips Corporation. Infrared receiver having a cooled radiation detector. 4,509,342, 4-9-85, Cl. 62-514.00R.

Van Appledorn, William, to Prince Corporation. Robot apparatus particularly adapted for removing and handling die cast parts. 4,548,544, 10-22-85, Cl. 414-751.000.

Van Arnam, Donald: *See—*

Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, 4,537,809, Cl. 428-41.000.

Ang, T. Liem; Van Arnam, Donald; and McFeaters, Earl, 4,549,063, Cl. 219-121.0LJ.

van Arragon, Gerrit W.; Mensink, Kornelis A.; and Wittkampf, Frederik H. M., to Vitatron Medical B.V. Physiological devices such as pacemakers and method for providing histogram data. 4,513,743, 4-30-85, Cl. 128-419.0PG.

van Arragon, Gerrit W.: *See—*

Boute, Willem; Wittkampf, Frederik H. M.; van Arragon, Gerrit W.; and Mensink, Kornelis A., 4,503,857, Cl. 128-419.0PG.

Boute, Wim; Wittkampf, Frederik H. M.; and van Arragon, Gerrit W., 4,539,991, Cl. 128-419.0PG.

Boute, Wim; Wittkampf, Frederik H. M.; and van Arragon, Gerrit W., 4,554,921, Cl. 128-419.0PG.

Van Asperen, Pieter J.: *See—*

Van Bokhoven, Petrus H. M.; and Van Asperen, Pieter J., 4,560,725, Cl. 525-67.000.

van Baardewijk, Johannes; Bohlmeyer, Nicolaas; and Hartman, Johan E. A., to U.S. Philips Corporation. Method of and arrangement for establishing a conference connection in a TDM communication system. 4,545,050, 10-1-85, Cl. 370-62.000.

Van Becelaere, Robert M., to Ruskin Manufacturing Company. Damper with integral mounting means. 4,515,068, 5-7-85, Cl. 98-1.000.

Van Becelaere, Robert M.; and Bailey, William J., to Philips Industrial Components, Inc. Round damper and fusible link therefor. 4,559,867, 12-24-85, Cl. 98-1.000.

Van Beek, Allen L.; and Iversen, Alfred L., to PMT Inc. Microsurgical flexible suction mat. 4,533,352, 8-6-85, Cl. 604-317.000.

van Belzen, David; Honig, Gunter; Lotterbach, Gerhard; van Woudenberg, Jan-Faas; and Zucker, Udo, to Robert Bosch GmbH. Control device for a fuel metering system of an internal combustion engine. 4,534,331, 8-13-85, Cl. 123-492.000.

Van Benschoten, Peter J., to Micromanipulator Microscope Company, Inc., The. Guide rail apparatus for positioning flat objects for microscopic examination. 4,557,568, 12-10-85, Cl. 350-531.000.

van Berkel, Johannes; and Ruyters, Wilhelmus N., to Shell Internationale Research Maatschappij B.V. Process for preparing cyclopropane carboxylic acid ester derivatives. 4,544,510, 10-1-85, Cl. 260-465.00D.

VanBerkum, Robert A. Combustion efficiency improving apparatus. 4,509,912, 4-9-85, Cl. 431-76.000.

Van Berlo, Albertus W. M.: *See—*

de Wit, Hendrik J.; Van Berlo, Albertus W. M.; and Crevecoeur, Cornelis, 4,497,699, Cl. 204-129.200.

Van Blankenburg, Karl. Picnic table. 4,522,443, 6-11-85, Cl. 297-157.000.

Van Blarcom, David: *See—*

Rubin, Fred K.; Van Blarcom, David; and Fox, Daniel J., 4,528,039, Cl. 134-2.000.

van Blerk, Victor B.: *See—*

Lutus, Arthur C.; and van Blerk, Victor B., 4,538,900, Cl. 355-14.0CH.

Mayer, Edward F.; and van Blerk, Victor B., 4,519,699, Cl. 355-15.000.

Van Bochove, Gijsbertus F. J.; and Somers, Petrus A. A. M., to Fokker B.V. Convertor apparatus for accurate and consistent non-destructive testing of objects. 4,494,410, 1-22-85, Cl. 73-644.000.

Van Boeckel, Constant A. A.: *See—*

Van Boom, Jacobus H.; Van Den Marel, Gijsbert A.; and Van Boeckel, Constant A. A., 4,503,233, Cl. 548-114.000.

Van Bokhoven, Petrus H. M.; and Van Asperen, Pieter J., to Stamicarbon B.V., Licensing Subsidiary of DSM. Polymer composition based on a polycarbonate and a graft copolymer. 4,560,725, 12-24-85, Cl. 525-67.000.

Van Boom, Jacobus H.; Van Den Marel, Gijsbert A.; and Van Boeckel, Constant A. A., to Internationale Octrooi Maatschappij "Octroapa" B.V. Phosphorylating agent and process for the phosphorylation of organic hydroxyl compounds. 4,503,233, 3-5-85, Cl. 548-114.000.

Vanbragt, Willy. Fluid lamp assembly. 4,511,952, 4-16-85, Cl. 362-181.000.

VanBreemen, Bertram, to RCA Corporation. Rear projection television screen incorporating a prism lens. 4,512,631, 4-23-85, Cl. 350-128.000.

VanBreemen, Bertram, to RCA Corporation. Vertical color shift correction in a rear projection television screen. 4,544,946, 10-1-85, Cl. 358-60.000.

VanBreemen, Bertram; Wilson, William L.; Roberts, Duane L.; and Branton, Tom W., to RCA Corporation. Apparatus for preventing virtual images in projection television receivers. 4,556,913, 12-3-85, Cl. 358-237.000.

VanBreemen, Bertram: *See—*

Young, James R.; and VanBreemen, Bertram, 4,506,295, Cl. 358-60.000.

Van Brunt, Michael K.; and Madle, Peter, to Automation Industries, Inc. Cable shield grounding apparatus. 4,547,623, 10-15-85, Cl. 174-35.00R.

Van Brunt, Nicholas P., to Control Data Corporation. Simulator system for logic design validation. 4,527,249, 7-2-85, Cl. 364-578.000.

Van Buren, Charles E.: *See—*

Johnson, Curtis A.; Renlund, Gary M.; Van Buren, Charles E.; and Prochazka, Svante, 4,551,[illegible]36, Cl. 501-90.000.

Van Buren, Phillip D.; and Abt, Edgar J., to Motorola, Inc. Fast indexing encoder apparatus. 4,544,913, 10-1-85, Cl. 340-347.00P.

Van Buren, Phillip D.: *See—*

Abt, Edgar J.; Van Buren, Phillip D.; and Witter, James P., 4,559,525, Cl. 340-347.00P.

VanBuskirk, Ellor J.: *See—*

Birkmeyer, William J.; Gray, Ralph C.; Dowbenko, Rostyslaw; Kapp, David C.; VanBuskirk, Ellor J.; and Maska, Rudolf, 4,517,322, Cl. 523-501.000.

vanBuul, Marinus C. W.; Raven, Johannes G.; and van de Ven, Wilhelmus H. C. A., to U.S. Philips Corporation. Line standard conversion circuit for a television signal. 4,492,976, 1-8-85, Cl. 358-11.000.

Van Buul, Marinus C. W.: *See—*

Schmale, Peter C.; and Van Buul, Marinus C. W., 4,523,248, Cl. 361-1.000.

Van Buytene, Arend. Apparatus for utilizing the energy present in flowing water. 4,519,742, 5-28-85, Cl. 415-7.000.

Van Camp, Lucien J. M.: *See—*

Wuyts, Oscar; Ruelens, Remy F.; and Van Camp, Lucien J. M., 4,538,201, Cl. 361-124.000.

Van Camp, Robert L.: *See—*

Eberline, William C.; Radtke, Norman H.; and Van Camp, Robert L., 4,509,471, Cl. 123-179.00G.

Van Campenhout, Jan; de Stecker, Hans; Notredame, Paul; Muyle, Eddy; Bergmans, Jean-Paul; and Bergmans, Patrick, to Digitized Information Systems Corp., n.v. Automatic scanning device and its control for opto-mechanical processing applications. 4,543,615, 9-24-85, Cl. 358-285.000.

Van Caneghem, Rene J., to United States of America, Army. Method of shock testing aluminum alloy welded joints. 4,534,205, 8-13-85, Cl. 73-12.000.

van Cang, Luc P., to Thomson-CSF. Device and apparatus for the selective acquisition of signals, particularly television signals, with a view to their characterization by a digital computer. 4,559,553, 12-17-85, Cl. 358-10.000.

Van Cangh, Luc: *See—*

Claes, Paul; Dauby, Christian; Dupont, Camille; and Van Cangh, Luc, 4,557,743, Cl. 65-29.000.

Van Cauter, Albert: *See—*

Van Laethem, Robert; Van Cauter, Albert; and Terneu, Robert, 4,536,204, Cl. 65-60.400.

Vance, Christopher J.: *See—*

Nguyen, Thinh; Wiaux, Jean-Pol; and Vance, Christopher J., 4,560,446, Cl. 204-58.500.

Vance, Ian A. W.; Jeffrey, Colin; Bidwell, Brian A.; Leevers, David F. A.; and Woodley, Michael J. A., to International Standard Electric Corporation. Synchronization of digital radio pager. 4,5[illegible]6,262, 3-19-85, Cl. 340-825.440.

Vance, Ian A. W.; and Goatcher, John K., to International Standard Electric Corporation. Direct conversion radio receiver for FM signals. 4,521,892, 6-4-85, Cl. 375-88.000.

Vance, Ian A. W.; and Bainton, Stephen D., to International Standard Electric Corporation. Duplex radio system utilizing time compression expansion. 4,525,835, 6-25-85, Cl. 370-29.000.

Vance, Jeffrey D. Collapsible and slidable cart. 4,521,030, 6-4-85, Cl. 280-42.000.

Vance, Robert L., to St. Regis Corporation. Bulk container. 4,521,911, 6-4-85, Cl. 383-20.000.

Vance, Thomas L. Interchangeable trailer ball assembly. 4,522,421, 6-11-85, Cl. 280-511.000.

Vancelette, Stanley R.: *See—*

DiNozzi, Robert D.; Vancelette, Stanley R.; Powell, Lionel E.; McLean, George F., Jr.; Sleger, Leon F.; and Mason, Ronald C., 4,501,[illegible]64, Cl. 29-832.000.

Van Chuong, Paul P.: *See—*

Charon, Marie-Helene; Fromageot, Pierre; and Van Chuong, Paul P., 4,530,837, Cl. 514-18.000.

Vancil, Paul W.: *See—*

Marouf, Mohamed A.; and Vancil, Paul W., 4,499,578, Cl. 370-62.000.

VanCise, Kenneth L., Jr., to General Motors Corporation. Rack and pinion steering gear with adjustable low friction anti-roll rack bearing. 4,531,603, 7-30-85, Cl. 180-148.000.

Van Cleave, George W.: *See—*

Barker, Robert B.; Davidge, Ronald V.; Gibson, David K.; and Van Cleave, George W., 4,519,700, Cl. 355-3.0SH.

Van Coney, Robert H.: *See—*

Barker, Dale E.; Bettle, Griscom, III; and Van Coney, Robert H., 4,550,862, Cl. 222-109.000.

van Dam, Jacobus I. M., to U.S. Philips Corporation. Inductive ballast coated with an insulation layer and method of coating the ballast. 4,514,713, 4-30-85, Cl. 336-96.000.

Vandamme, Detlef, to Siemens Aktiengesellschaft. Electric motor drive for a slow-running annular rotor of a processing machine. 4,508,986, 4-2-85, Cl. 310-67.00R.

Vandebult, Jan, to I. D. Engineering, Inc. Secure release apparatus for anti-theft fastening device. 4,527,310, 7-9-85, Cl. 24-150.00R.

Vandebult, Jan: *See—*

Hoover, Merwin F.; Salamone, Ann B.; and Vandebult, Jan, 4,555,414, Cl. 427-43.100.

Hoover, Merwin F.; Reilly, Phillip B.; Salamone, Ann B.; and Vandebult, Jan, 4,560,445, Cl. 204-15.000.

Van De Bult, Oelke, to U.S. Philips Corporation. Swing-arm arrangement for a magnetic disc storage apparatus. 4,544,973, 10-1-85, Cl. 360-106.000.

Vandecasteele, Jean-Paul; Ballerini, Daniel; Lemal, Jeanine; and Le Penru, Yann, to Institut Francais du Petrole. Production of glucose dehydrogenase and use of the resultant enzyme in the enzymatic synthesis of L-carnitine. 4,542,098, 9-17-85, Cl. 435-190.000.

van Degeer, Peter M., to FDO Technische Adviseurs B.V. Divisible cabin for a windmill. 4,527,072, 7-2-85, Cl. 290-55.000.

Vandegraaf, Johannes J., to General Electric Company. Multifrequency scanning receiver with priority frequency monitoring. 4,498,194, 2-5-85, Cl. 455-166.000.

Vandegraaf, Johannes J., to General Electric Company. Combined modulation and temperature compensation circuit. 4,511,863, 4-16-85, Cl. 332-18.000.

van de Griend, Jan M., to U.S. Philips Corporation. Electric motor. 4,560,893, 12-24-85, Cl. 310-43.000.

van de Kamp, Dieter, to Spanset Inter AG. Endless loop articles of manufacture, straps shaped therefrom, and mats made from such straps. 4,500,578, 2-19-85, Cl. 428-36.000.

van de Kerkhof, Lodevicus L. J., to AMP Incorporated. Apparatus for installing connectors on flat cable having automatic connector delivery system and selective orientation feature for the connectors. 4,561,178, 12-31-85, Cl. 29-749.000.

Vandekeybus, Christiaan A. C. Device for tying-up an animal. 4,512,287, 4-23-85, Cl. 119-147.00R.

Vandekeybus, Christiaan A. C. Device for tying-up an animal. 4,513,693, 4-30-85, Cl. 119-147.00R.

Vandekeybus, Christiaan Adriaan Corneel: *See—*

VandeVelde, Noel, 4,534,318, Cl. 119-147.00R.

van de Laarschot, Franciscus A. A. E.: *See—*

Koeleman, Gerardus A. J.; and van de Laarschot, Franciscus A. A. E., 4,503,960, Cl. 192-127.000.

van de Leemput, Lambertus J. M. A.; Nooijen, Godefridus A. H.; and van der Loo, Hendrikus W., to Stamicarbon B.V. Polymerization catalyst for the preparation of ethylene polymer. 4,504,592, 3-12-85, Cl. 502-104.000.

Van de Leest, Renaat E.; and Gijsbers, Jan C., to U.S. Philips Corporation. Optically readable information disc provided with a reflective optical structure. 4,509,161, 4-2-85, Cl. 369-275.000.

Van de Leest, Renaat E.: *See—*

Krijl, Gerrit; and Van de Leest, Renaat E., 4,497,877, Cl. 428-628.000.

Krijl, Gerrit; and Van de Leest, Renaat E., 4,545,871, Cl. 204-56.00R.

Vandelinde, Henry, to Swing Stage Limited. Drive mechanism for cable drums. 4,513,952, 4-30-85, Cl. 254-285.000.

van de Locht, Heinrich, to BHS-Dr. Ing Hofler, Maschinenbau GmbH. Rolling gear apparatus for an involute tooth gear cutting machine. 4,512,109, 4-23-85, Cl. 51-123.00G.

van de Moesdijk, Cornelis G. M.: *See—*

van der Stoel, Roland E.; Bosma, Marcel A. R.; Janssen, Petrus H. J.; and van de Moesdijk, Cornelis G. M., 4,560,760, Cl. 546-243.000.

Van de Moortele, Guido, to Standard Societe Anonyme. Safety device for water-pipes. 4,522,229, 6-11-85, Cl. 137-460.000.

Van Den Beemt, Johannes A. C., to U.S. Philips Corporation. Semiconductor laser having a metal-filled groove for improved cooling and stability. 4,542,512, 9-17-85, Cl. 322-46.000.

van den Berg, Arie P., to Ingenieursbureau A. P. Van den Berg B.V. Soil investigation device. 4,530,236, 7-23-85, Cl. 73-84.000.

van den Berg, Arie P., to Mantra Tube Ltd. Device for welding tubes. 4,542,276, 9-17-85, Cl. 219-60.00A.

Van den Berg, Christiaan, to Wopex V.O.F. Overhead viewing mirror apparatus for bedridden and paralyzed persons. 4,531,813, 7-30-85, Cl. 350-623.000.

VanDenberg, Ervin K., to Turner Quick-Lift Corporation. Leaf spring lift axle suspension system. 4,504,080, 3-12-85, Cl. 280-704.000.

van den Berg, Gerrit H.: *See—*

Smakman, Robert; and van den Berg, Gerrit H., 4,542,015, Cl. 424-79.000.

Van Den Berg, Jacob; Van Lent, Johannes G.; and Strik, Francis B., to U.S. Philips Corporation. Method of manufacturing a colour television display tube and tube manufactured according to this method. 4,496,641, 1-29-85, Cl. 430-23.000.

Vandenberg, John H.; and Mendenhall, Michael J. Cross-country ski, ski boot, and binding combination and boot and binding components thereof. 4,531,309, 7-30-85, Cl. 36-117.000.

Van Den Bergh, Johannes H. P. M.: *See—*

Van Hoff, Isidoor K.; and Van Den Bergh, Johannes H. P. M., 4,508,791, Cl. 428-663.000.

Vandenbergh, John G. Drink can measuring and can crushing device. 4,538,459, 9-3-85, Cl. 73-379.000.

Vandenbergh, Peter A.: *See—*

Colaruotolo, Joseph F.; Olsen, Ronald H.; and Vandenbergh, Peter A., 4,493,895, Cl. 435-262.000.

Van Den Berghe, James A.: *See—*

Petty, Dale H.; Penner, David A.; and Van Den Berghe, James A., 4,503,859, Cl. 128-635.000.

Vandenberk, Jan; Kennis, Ludo; Van der Aa, Marcel; and Van Heertum, Albert, to Janssen Pharmaceutica N.V. (Piperidinylalkyl) quinazoline derivatives. 4,522,945, 6-11-85, Cl. 514-259.000.

Vandenberk, Jan: *See—*

Kennis, Ludo E. J.; Vandenberk, Jan; and Mertens, Josephus C., 4,533,665, Cl. 514-258.000.

Kennis, Ludo E. J.; Vandenberk, Jan; and Boey, Jozef M., 4,548,939, Cl. 514-265.000.

van den Berk, Theodorus H. M., to U.S. Philips Corporation. Liquid crystal display device with ridges. 4,536,059, 8-20-85, Cl. 350-333.000.

van den Bogert, Andries J. E. Apparatus for dissecting slaughtered animals. 4,524,488, 6-25-85, Cl. 17-11.000.

van den Boom, Johannes: *See—*

Blatt, Georg; van den Boom, Johannes; Kuipers, Geert; and Hollerweger, Heinz, 4,515,239, Cl. 181-290.000.

van den Boom, Petrus F. J.: *See—*

Seuter, Antonius M. J. H.; and van den Boom, Petrus F. J., 4,544,997, Cl. 362-263.000.

van den Bosch, Pierre A.: *See—*

Bond, Alan M.; Hudson, Henry A.; van den Bosch, Pierre A.; and Walter, Frederick L., 4,504,367, Cl. 204-1.00T.

Vandenbossche, Claudine: *See—*

Guillon, Michel; Mondet, Jean; Papantoniou, Christos; and Vandenbossche, Claudine, 4,492,686, Cl. 424-61.000.

van den Brink, Franciscus; and Alfenaar, Marinus, to Stamicarbon B.V. Process for removing ammonium-ions in an oxime preparation from a hydroxyl-ammonium salt. 4,552,636, 11-12-85, Cl. 204-182.400.

van den Brink, Hans G., to U.S. Philips Corporation. Device for producing and projecting light. 4,510,558, 4-9-85, Cl. 362-263.000.

VanDenburgh, David S.: *See—*

Boggs, William G.; VanDenburgh, David S.; and Valdez, Gabriel A., 4,509,726, Cl. 256-8.000.

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  - Parker, David W.; and van de Polder, Leendert J., 4,510,520, Cl. 358-12.000.
- Van der Aa, Marcel: *See—*
  - Vandenberk, Jan; Kennis, Ludo; Van der Aa, Marcel; and Van Heertum, Albert, 4,522,945, Cl. 514-259.000.
- Vanderbeck, William E., to United States of America, Army. Firearm safety device. 4,494,331, 1-22-85, Cl. 42-70.00D.
- Van der Borght, William J.: *See—*
  - dePuglia, Gaston D.; Van der Borght, William J.; and Moitzger, Max, 4,560,138, Cl. 249-95.000.
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  - Wolf, Joost M.; Post, Hendrik A.; Stigter, Willem H.; van der Brug, Gerard J.; and Sieben, Joannes H. F. C., 4,545,550, Cl. 242-200.000.
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- Vander Haeghe, Hubert J. H. E.: *See—*
  - De Clercq, Erik D. A.; Vander Haeghe, Hubert J. H. E.; and Busson, Roger H. C., 4,548,819, Cl. 514-261.000.
- van der Hauw, Tjerk; and Jaspers, Hans, to Akzona Incorporated. Photopolymerizable composition, photoinitiator mixture and curing process. 4,529,491, 7-16-85, Cl. 204-159.230.
- Van der Heijde, Martin C., to U.S. Philips Corporation. Electromagnetic deflection unit and color display tube provided with such a unit. 4,535,313, 8-13-85, Cl. 335-212.000.
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- van der Hoorn, Gustaaf H. A.: *See—*
  - van der Werf, Bernardus T.; and van der Hoorn, Gustaaf H. A., 4,507,180, Cl. 204-5.000.
- van der Hoorn, Rudolf J. G. A.: *See—*
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- Vander Horst, Charles. Training and control leash. 4,522,153, 6-11-85, Cl. 119-109.000.
- VanDeripe, Donald R. Golf shoes. 4,524,531, 6-25-85, Cl. 36-127.000.
- Vanderjagt, John A. Pumping apparatus. 4,557,669, 12-10-85, Cl. 417-271.000.
- VanderKam, John: *See—*
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- van der Kolk, Donald. Continuous pet litter cleaning apparatus. 4,493,288, 1-15-85, Cl. 119-1.000.
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  - Haylock, John C.; and Vanderkooi, Nicholas, Jr., 4,551,507, Cl. 525-437.000.
- van der Kooij, Willem P. Method for flush mounting a washing unit in a working leaf or the like and strip to be used with this method. 4,547,951, 10-22-85, Cl. 29-450.000.
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- van der Laan, Jan G. J.; and Entrop, Willem, to Hosokawa-Nauta B.V. Mixer for drill cuttings and drilling mud on a drilling location. 4,516,860, 5-14-85, Cl. 366-287.000.
- Vanderlaan, Robert D., to Pneumo Corporation. Force motor with null centering and null position bias. 4,507,634, 3-26-85, Cl. 335-272.000.
- Vanderlaan, Robert D.; and Grau, Richard, to Pneumo Corporation. Limited angle torque motor with magnetic centering and stops. 4,510,403, 4-9-85, Cl. 310-36.000.
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- Vanderlei, Clarence B. Round bale carrier and unroller. 4,518,299, 5-21-85, Cl. 414-24.600.
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- van der Lely, Cornelis. Soil cultivating implements. 4,508,179, 4-2-85, Cl. 172-49.500.
- van der Lely, Cornelis. Row-crop front and rear wheel drive articulated tractor for heavy-duty operations. 4,512,433, 4-23-85, Cl. 180-235.000.
- van der Lely, Cornelis. Tractor having guidance system. 4,515,221, 5-7-85, Cl. 172-3.000.
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- van der Lely, Cornelis. Tractor for agricultural purposes. 4,523,656, 6-18-85, Cl. 180-24.000.
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- van der Lely, Cornelis. Soil cultivation. 4,537,262, 8-27-85, Cl. 172-146.000.
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- Van Derlin, Donald H. Belt clamp for conveyor belts. 4,500,127, 2-19-85, Cl. 294-104.000.
- Van der Linde, John: *See—*
  - Dolan, Richard J.; Cangiano, Frank; and Van der Linde, John, 4,507,712, Cl. 362-61.000.
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- van der Linde, Robert: *See—*
  - Belder, Eimbert G.; van der Linde, Robert; and Schippers, Jan, 4,528,341, Cl. 525-438.000.
- Vanderlinde, William: *See—*
  - Bekker, Vladimir; Buchheim, Wayne J.; Vanderlinde, William; and Wang, Donald S. T., 4,547,428, Cl. 428-402.000.
- vander Linden, John: *See—*
  - Bradley, Earl C., Jr.; and vander Linden, John, 4,545,707, Cl. 408-111.000.
- VanDerLinden, Roy E.; and Francis, John H., to Frederick Manufacturing Company. Multi-speed drive. 4,515,028, 5-7-85, Cl. 74-191.000.
- van der Loo, Hendrikus W.: *See—*
  - van de Leemput, Lambertus J. M. A.; Nooijen, Godefridus A. H.; and van der Loo, Hendrikus W., 4,504,592, Cl. 502-104.000.
- van der Loos, Jozef L. M.: *See—*
  - Tijssen, Jan; and van der Loos, Jozef L. M., 4,536,556, Cl. 526-342.000.
  - van Geenen, Albert A.; Bongers, Joseph J. M.; van der Loos, Jozef L. M.; and Vrinssen, Cornelis H., 4,540,515, Cl. 260-239.30R.
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- van der Malen, Bernardus G. M.: *See—*
  - Thijssen, Henricus A. C.; and van der Malen, Bernardus G. M., 4,491,462, Cl. 62-542.000.
  - Thijssen, Henricus A. C.; and van der Malen, Bernardus G. M., 4,508,553, Cl. 62-541.000.
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- Van der Mast, Victor C.: *See—*
  - Awerbuch, Leon; and Van der Mast, Victor C., 4,534,174, Cl. 60-641.500.
- Vander Meer, Richard H.: *See—*
  - Cole, Rodger E.; and Vander Meer, Richard H., 4,500,229, Cl. 406-88.000.

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Vander Meiden, Orrie J., to Siemens Corporate Research & Support, Inc. Data format for asynchronous data transmission. 4,512,026, 4-16-85, Cl. 375-114.000.

Vandermeulen, Meine: *See*—
- Gesing, Adam J.; McIntyre, John; Vandermeulen, Meine; Cambridge, Edward L.; and Rogers, Charles J., 4,551,218, Cl. 204-240.000.

Vandermeyden, Tom R.: *See*—
- Blau, Frederick, Jr.; Gross, John M.; and Vandermeyden, Tom R., 4,522,333, Cl. 236-20.00R.

Vanderminden, Robert D.; and Parker, Paul, to Telescope Folding Furniture Co. Inc., The. Collapsible lounge chair. 4,514,009, 4-30-85, Cl. 297-27.000.

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Vanderpool, Daniel P.: *See*—
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Vanderpool, Steven H., to Texaco Inc. Catalyst for preparation of linear polyethylenepolyamines. 4,524,143, 6-18-85, Cl. 502-208.000.

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- Sanderson, John R.; Watts, Lewis W., Jr.; Vanderpool, Steven H.; and Renken, Terry L., 4,521,609, Cl. 549-533.000.
- Sanderson, John R.; Keating, Kenneth P.; Marquis, Edward T.; and Vanderpool, Steven H., 4,547,598, Cl. 568-922.000.
- Unvert, Susan D.; Vanderpool, Steven H.; and Knifton, John F., 4,550,209, Cl. 564-479.000.

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- Tsang, Peter H.; Coyle, Joseph P.; Liu, Tung; and VanderPoorte, John G., 4,537,823, Cl. 428-308.400.

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- Kolc, Jaroslav F.; Swerdloff, Michael D.; Rogic, Milorad M.; Hendrickson, Larry L.; and Van Der Puy, Michael, 4,530,714, Cl. 71-28.000.
- Swerdloff, Michael D.; Van Der Puy, Michael; Kolc, Jaroslav F.; Rogic, Milorad M.; and Hendrickson, Larry L., 4,539,037, Cl. 71-28.000.

van der Sanden, John A. Valve for pressurized containers. 4,543,980, 10-1-85, Cl. 137-315.000.

van der Schans, Albert, to Magnetic Peripherals Inc. Peak amplitude measurement. 4,560,940, 12-24-85, Cl. 328-150.000.

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van der Schoot, Jelle, to Staalkat B.V. Apparatus for horizontally and vertically transporting eggs without dropping thereof. 4,553,661, 11-19-85, Cl. 198-428.000.

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- Fourie, Theunis G.; Dekker, Theodor G.; Snyckers, Friedrich O.; and van der Schyf, Cornelis J., 4,503,256, Cl. 568-331.000.

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- Immler, Josef; and van der Sel, Cornelis, 4,538,072, Cl. 250-568.000.

van der Sluys, Willem L. N.; and Hermans, Mathias L., to U.S. Philips Corporation. Method of operating a bimodal heat pump, as well as bimodal heat pump for using said method. 4,526,009, 7-2-85, Cl. 62-101.000.

van der Sluys, Willem L. N.; Pastoor, Jacobus; and Roelofs, Johannes C. M., to U.S. Philips Corporation. Coffee maker. 4,548,129, 10-22-85, Cl. 99-281.000.

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- Day, Eric; and Van der Stuyf, Allen F., 4,532,893, Cl. 123-41.310.

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- Gravesteijn, Dirk J.; Steenbergen, Christiaan; Van der Veen, Jan; and Nijssen, Wilhelmus P. M., 4,508,811, Cl. 430-270.000.

Van der Veen, Johannes F.: *See*—
- Haisma, Jan; Larsen, Poul K.; De Jong, Tim; Van der Veen, Johannes F.; Douma, Willem A. S.; and Saris, Frans W., 4,554,030, Cl. 148-175.000.

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- Jacobs, Cornelis A. J.; Schellen, Johannes A. T.; and Van Der Vleuten, Anthonius P., 4,521,716, Cl. 313-594.000.

van der Vliet, Peter C. L.: *See*—
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van der Werf, Bernardus T.; and van der Hoorn, Gustaaf H. A., to U.S. Philips Corporation. Method of electrodepositing a homogeneously thick metal layer, metal layer thus obtained and the use of the metal layer thus obtained, device for carrying out the method and resulting matrix. 4,507,180, 3-26-85, Cl. 204-5.000.

Vanderwerf, Dennis F., to Minnesota Mining and Manufacturing Company. Dual-magnification rear projection lectern. 4,561,740, 12-31-85, Cl. 353-101.000.

van der Wijst, Hendricus M., to U.S. Philips Corporation. Electric circuit assembly comprising a printed wiring board. 4,554,614, 11-19-85, Cl. 361-400.000.

van der Wouden, Adriaan: *See*—
- van den Elzen, Lambertus W. A.; van der Wouden, Adriaan; and Meijer, Auke, 4,533,279, Cl. 405-239.000.

van der Zwart, Alfred J., to U.S. Philips Corporation. High-voltage generator, notably for an X-ray tube. 4,514,795, 4-30-85, Cl. 363-27.000.

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Vandesteeg, Gregg A.: *See*—
- Ronning, Patricia M.; and Vandesteeg, Gregg A., 4,556,410, Cl. 71-78.000.

Ronning, Patricia M.; and Vandesteeg, Gregg A., 4,557,751, Cl. 71-91.000.

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van Deursen, Petrus H.; Svab, Eugen; and Abromeit, Gerhard, to Van Doorne's Transmissie B.V. Transmission for vehicles, in particular for automobiles with front wheel drive. 4,528,870, 7-16-85, Cl. 74-701.000.

van Deursen, Petrus H.: *See—*

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Van Devanter, Douglas E.; Moore, Kelly R.; and Tomlin, James S., to Seafreeze Limited Partnership. Automatic portion-cutting method and machine. 4,557,019, 12-10-85, Cl. 17-52.000.

VandeVelde, Noel, to Vandekeybus, Christiaan Adriaan Corneel. Device for tying-up an animal. 4,534,318, 8-13-85, Cl. 119-147.00R.

van de Ven, Wilhelmus H. C. A.: *See—*

vanBuul, Marinus C. W.; Raven, Johannes G.; and van de Ven, Wilhelmus H. C. A., 4,492,976, Cl. 358-11.000.

Vandevier, Joseph E., to Hughes Tool Company. Motor bearing with locking pins. 4,521,708, 6-4-85, Cl. 310-87.000.

Vandevoir, Claude A.; and Geiser, Markus, to Sameca S.A. Bar-guidance equipment for an automatic lathe. 4,507,992, 4-2-85, Cl. 82-2.700.

Vande Walle, Donald R., Jr.: *See—*

Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.

Vandewalle, Maurits; Vanmaele, Luc J.; De Clercq, Pierre J.; Halkes, Sebastianus J.; and Overbeek, Wilhelmus R. M., to Duphar International Research B.V. Method of preparing 1 α-hydroxyvitamin D and 1 α-hydroxyprevitamin D compounds, and adducts of a previtamin D or tachysterol compound with a suitable dienophile. 4,539,153, 9-3-85, Cl. 260-397.200.

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Nordquist, Dennis D.; and Vandewege, Derron G., 4,503,755, Cl. 98-110.000.

Van dewege, Orville: *See—*

Eastridge, Victor R.; Van dewege, Orville; and Akin, Alan D., 4,528,735, Cl. 29-221.500.

Van Dewoestine, Robert V.: *See—*

Blanding, Wendell S.; Johnson, Ronald E.; and Van Dewoestine, Robert V., 4,549,928, Cl. 156-660.000.

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Van Deyck, Frans; Weiss, Franz-Josef; Verberckt, Roger; Thomas, Erwin; Mangelschots, Benedikt; and Pijl, Paul, to BASF Aktiengesellschaft. Removal of nitrous oxide from gases containing hydrogen, nitric oxide and nitrous oxide. 4,507,271, 3-26-85, Cl. 423-387.000.

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Vandierendonck, Jerry L., to Texas Instruments Incorporated. Computing system with multifunctional arithmetic logic unit in single integrated circuit. 4,503,511, 3-5-85, Cl. 364-716.000.

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Corrigan, Patrick J.; King, Richard M.; and VanDiest, Scott A., 4,533,648, Cl. 502-38.000.

Van Dijk, Alfonsius A. J., to Johannes Menschner Maschinenfabrik GMBH & Co. KG. Seam-detecting device for interconnected sections of sheet material. 4,498,240, 2-12-85, Cl. 33-147.00L.

Van Dijk, Cornelis; and De Jongh, Rudolph O., to Internationale Octrooi Maatschappij "Octropa" B.V. Nickel boride-polymer in-oil catalyst. 4,551,441, 11-5-85, Cl. 502-159.000.

van Dijk, Cornelis D.: *See—*

Nieuwendijk, Joris A. M.; Sanders, Georgius B. J.; van Dijk, Cornelis D.; and Kaizer, Adrianus J. M., 4,547,631, Cl. 179-115.50R.

van Dijk, Jacob; Renken, Johannes W.; Dekker, Jan G.; and Helmond, Johannes, to National Distillers and Chemical Corporation. Process for the trimerization of unsaturated fatty acids. 4,508,652, 4-2-85, Cl. 260-407.000.

van Dijk, Jacobus C.; and von Michalofski, Erik. Apparatus for electroacoustic energy conversion. 4,501,015, 2-19-85, Cl. 381-103.000.

van Dijk, Petrus R. M., to AMP Incorporated. Electrical connector for an electronic package. 4,498,721, 2-12-85, Cl. 339-75.0MP.

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Hensley, Gary L.; Van Dokkum, Jan; Groeneweg, Adrianus; and Stolk, Gerritt, 4,557,142, Cl. 73-153.000.

Van Domelen, Joseph D., to Tektronix, Inc. Device for mounting an electrical connector to a conductive panel. 4,541,683, 9-17-85, Cl. 339-126.00R.

van Dongen, Robert H.; and Stork, Willem H. J., to Shell Oil Company. Process for the preparation of hydrocarbon oil distillates. 4,500,416, 2-19-85, Cl. 208-86.000.

van Dongeren, Jan P.: *See—*

Laarhoven, Johannes J.; van Dongeren, Jan P.; de Wit, Hendrik; and Smeets, Louis M., 4,492,867, Cl. 250-341.000.

Vandoni, Guido; and Gobetti, Marino, to Resfar s.r.l. Analgesic and anti-inflammatory arylalkanoic acid phthalidyl esters and pharmaceutical compositions thereof. 4,529,737, 7-16-85, Cl. 514-470.000.

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Van Dore, Peter: *See—*

Crossley, David W.; and Van Dore, Peter, 4,512,483, Cl. 213-75.0TC.

Van Doren, Lawrence: *See—*

Yalof, Stanley; and Van Doren, Lawrence, 4,491,027, Cl. 73-862.520.

Van Dorsser, William R.: *See—*

Cavalier, Robert G.; Cordi, Alexis A.; Gillet, Claude L.; Janssens de Varebeke, Philippe M.; Niebes, Paul J.; Roba, Joseph L.; Van Dorsser, William R.; Lambelin, Georges E.; and Franz, Michel R., 4,562,205, Cl. 514-546.000.

VanDort, Mark A.: *See—*

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van Driest, Hans, to NCR Corporation. Automatic gain control. 4,528,519, 7-9-85, Cl. 330-279.000.

Vandroux, Michele: *See—*

Charavit, Jean-Claude; and Vandroux, Michele, 4,511,858, Cl. 331-10.000.

VanDuren, Richard G.: *See—*

Andrews, Lawrence P.; Heath, Chester A.; Mead, Justin E.; VanDuren, Richard G.; and Janes, Gary A., 4,534,011, Cl. 364-900.000.

Van Dusen, Paul A.: *See—*

Coutta, John M.; and Van Dusen, Paul A., 4,510,526, Cl. 358-108.000.

Van Dusseldorp, C. Peter: *See—*

Moore, Jerry R.; and Van Dusseldorp, C. Peter, 4,515,423, Cl. 339-28.000.

Van Duyn, Paul D., to General Motors Corporation. Antiglare rear view mirror. 4,527,861, 7-9-85, Cl. 350-281.000.

Van Duzee, Barry F.; and Degenhardt, Charles R., to Mallinckrodt, Inc. Process for making a lyophilized product for use in skeletal imaging. 4,504,462, 3-12-85, Cl. 424-1.100.

Van Duzee, Barry F., to Mallinckrodt, Inc. Process for making a lyophilized product for use in skeletal imaging. 4,504,463, 3-12-85, Cl. 424-1.100.

Van Dyk, Kenneth A.: *See—*

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Van Dyk Soerewyn, Herman F., to Unitrode Corporation. High power semiconductor package. 4,514,587, 4-30-85, Cl. 174-52.00H.

van Dyk Soerewyn, Herman F., to Unitrode Corporation. Leadframe having severable fingers for aligning one or more electronic circuit device components. 4,536,825, 8-20-85, Cl. 361-386.000.

Van Dyk Soerewyn, Herman F., to Unitrode Corporation. High power semiconductor package. 4,538,168, 8-27-85, Cl. 357-72.000.

Van Dyke, Harry, to Unit Rig & Equipment Co. Off-highway vehicle systems simulator and control panel testing. 4,517,839, 5-21-85, Cl. 73-432.00R.

Van Dyke, Helga M.; and DeGroot, Rudolph C., Sr., to Van Dyke, Helga M. Skin test device using I.C. comparator circuit. 4,494,554, 1-22-85, Cl. 128-734.000.

Van Dyke, James A.: *See—*

Prewitt, William T.; and Van Dyke, James A., 4,546,438, Cl. 364-473.000.

Van Dyke, Mark: *See—*

Wood, John F.; and Van Dyke, Mark, 4,502,328, Cl. 73-462.000.

van Ee, Dirk; and Benning, Larry J. Heat exchange apparatus. 4,512,392, 4-23-85, Cl. 165-54.000.

Van Ee, Gary R.: *See—*

Wilde, Bernard D.; Van Ee, Gary R.; Ledebuhr, Richard L.; and Rotz, C. Alan ,524,572, Cl. 56-327.00R.

Van Eenam, Donald N., to Monsanto Company. Polyetherene-polyacrylic polymerizable compositions. 4,520,184, 5-28-85, Cl. 526-320.000.

Van Eenam, Donald N., to Monsanto Company. Styrene viscosity modifier of grafted starch polymer solutions. 4,552,940, 11-12-85, Cl. 527-312.000.

van Eerden, Piet, to Wavin B.V. Plastic glazing profile designed for glazing window-frames. 4,555,884, 12-3-85, Cl. 52-397.000.

Van Egeren, Andrew M.: *See—*

Johnson, Gary E.; and Van Egeren, Andrew M., 4,519,596, Cl. 270-32.000.

Vanek, Jay D.: *See—*

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Vanelli, Johnny, to Optimum Manufacturing Inc. Combined lighter and mouth spray. 4,515,556, 5-7-85, Cl. 431-253.000.

van Elsen, Johannes J. M. Device for applying symbols to protein-containing material. 4,542,274, 9-17-85, Cl. 219-10.810.
Van Erden, Donald L.; Gould, Russell J.; and Matsunaga, Yukio A., to Signode Corporation. Method for producing polypropylene sheet. 4,495,124, 1-22-85, Cl. 264-130.000.
van Es, Antonie F.: *See—*
  Frijters, Petrus J. G.; and van Es, Antonie F., 4,513,685, Cl. 119-1.000.
van Esch, Hendrikus J.: *See—*
  Eertink, Bastiaan B. B.; and van Esch, Hendrikus J., 4,516,019, Cl. 250-214.0RC.
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  Blanchandin, Monique; Girardat, Roland; and Vanestrenvord, Jean-Michel, 4,555,675, Cl. 330-289.000.
van Eyken, Lawrence A. J.; and Perlin, Semion, to Canadian Patents & Development Limited. All weather switch for railroads. 4,534,527, 8-13-85, Cl. 246-445.000.
Van Gasselt, Max L. G.; and Rappoldt, Louis M., to Nederlands Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Fluidized bed combustion apparatus. 4,532,871, 8-6-85, Cl. 110-216.000.
van Gastel, Josephus M. M.; van Nunen, Hendrikus T.; and Sanders, Leonardus C. M., to U.S. Philips Corporation. Device for applying a fixing medium to components such as chip-type components. 4,532,884, 8-6-85, Cl. 118-243.000.
van Geenen, Albert A.; Bongers, Joseph J. M.; van der Loos, Jozef L. M.; and Vrinssen, Cornelis H., to Stamicarbon B.V. N-Substituted carbamoyl-lactam compound. 4,540,515, 9-10-85, Cl. 260-239.30R.
van Geenen, Albert A.; Bongers, Joseph J. M.; and van der Loos, Jozef L. M., to Stamicarbon B.V. Process for the preparation of an N-substituted carbamoyl-lactam compound. 4,540,516, 9-10-85, Cl. 260-239.30R.
van Gelderen, Guido: *See—*
  Breedyk, Frans N.; and van Gelderen, Guido, 4,550,598, Cl. 73-146.000.
Van Gemert, Barry, to PPG Industries, Inc. Sulfamoyl urea derivatives. 4,559,081, 12-17-85, Cl. 71-93.000.
Van Genderen, Pieter: *See—*
  Bergman, Jan; Van Genderen, Pieter; and Hol, Willem A., 4,524,358, Cl. 343-7.700.
  Bergman, Jan; Van Genderen, Pieter; and Hol, Willem A., 4,524,360, Cl. 343-17.10R.
Van Gestel, Josef; Duytschaever, Benedikt; Muntwyler, Rene; and Scharer, Max, to Janssen Pharmaceutica N.V. Process for the protection of wood and coatings against deterioration by microorganisms. 4,542,146, 9-17-85, Cl. 514-383.000.
Van Gheluwe, Joris E. A.: *See—*
  Weaver, Robert L.; Van Gheluwe, Joris E. A.; and McKee, John A., 4,495,204, Cl. 426-16.000.
VanGieson, Franklin D.: *See—*
  Gray, Bruce; Soundaranathan, Kasivisvanatha; and VanGieson, Franklin D., 4,536,945, Cl. 29-571.000.
van Gijsel, Wilhelmus D. A. M.: *See—*
  Nieuwendijk, Joris A. M.; van Gijsel, Wilhelmus D. A. M.; and Sanders, Georgius B. J., 4,544,806, Cl. 179-115.5PV.
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Van Gils, Antonius C. M., to IE PE GE B.V. Cooling device. 4,522,036, 6-11-85, Cl. 62-157.000.
Van Gils, Cornelis J. M., to U.S. Philips Corporation. Arrangement for receiving TV-signals having left and right stereo sound signals. 4,512,031, 4-16-85, Cl. 381-2.000.
Van Gils, Wilhelmus M. J.; Mollet, Adrianus J. T.; and Ridders, Johannes A. M., to U.S. Philips Corporation. Method of manufacturing a low-pressure mercury vapor discharge lamp and low-pressure mercury vapor discharge lamp manufactured by this method. 4,545,774, 10-8-85, Cl. 445-22.000.
van Gompel, Henricus J., to U.S. Philips Corporation. Video signal multiplying circuit. 4,514,762, 4-30-85, Cl. 358-163.000.
Van Gompel, James; and Akey, Ronald R., to N P Marketing Corporation. Pallet cargo restraining device. 4,515,506, 5-7-85, Cl. 410-46.000.
Van Gompel, James J., to N P Marketing Corporation. Cargo restraining device for high density loading of shipping drums. 4,529,345, 7-16-85, Cl. 410-42.000.
van Gorkom, Gerardus G. P.; and Hoeberechts, Arthur M. E., to U.S. Philips Corporation. Semiconductor device and method of manufacturing same, as well as a pick-up device and a display device having such a semiconductor device. 4,554,564, 11-19-85, Cl. 346-161.000.
Van Gorkom, Gerardus G. P.: *See—*
  Shannon, John M.; Hoeberechts, Arthur M. E.; and Van Gorkom, Gerardus G. P., 4,516,146, Cl. 357-52.000.
van Grieken, Madeline G. F. M.: *See—*
  Bleeker, Jan J.; Booth, Martin; van Grieken, Madeline G. F. M.; Krijnen, Wilhelmus J.; and van Wijngaarden, Gerhard D., 4,539,126, Cl. 252-39.000.
Van Grouw, Samuel J.; and Smith, Richard D. Clean burning grate for fireplaces and wood stoves. 4,515,147, 5-7-85, Cl. 126-163.00R.
Van Grouw, Samuel J.: *See—*
  Smith, Richard D.; and Van Grouw, Samuel J., 4,545,360, Cl. 126-76.000.
Van Gurp, Wilhelmus A. J.: *See—*
  Bouland, Maurice; Van Gurp, Wilhelmus A. J.; and Zwijsen, Wilhelmus A. J. M., 4,549,143, Cl. 329-126.000.
Van Hal, Henricus A. M.: *See—*
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van Hauten, Hartmut, to Black & Decker Inc. Miter saw equipped with means for locking the saw table. 4,527,453, 7-9-85, Cl. 83-467.00R.
van Hauten, Hartmut: *See—*
  Bachmann, Rainer; and van Hauten, Hartmut, 4,558,618, Cl. 83-438.000.
Van Hee, Michel A. J., to Atlas Copco Aktiebolag. Gear box for a compressor plant. 4,524,638, 6-25-85, Cl. 74-606.00R.
Van Heeckeren, Walraven. Tuneable tuned pipe exhaust system. 4,537,279, 8-27-85, Cl. 181-241.000.
Van Heertum, Albert: *See—*
  Vandenberk, Jan; Kennis, Ludo; Van der Aa, Marcel; and Van Heertum, Albert, 4,522,945, Cl. 514-259.000.
Van Heertum, John C.; and Herrero, Maria P., to Dow Chemical Company, The. Substituted phenylalkyl quinclidinum salts and their use as plant growth control agents. 4,531,967, 7-30-85, Cl. 71-94.000.
van Hees, Antonius J. M.: *See—*
  C[illegible]ller, Henricus F. J. I.; van Hees, Antonius J. M.; and Roelevink, Bauke J., 4,506,185, Cl. 313-113.000.
van Heiningen, Jan J.: *See—*
  DeColibus, Raymond L.; van Heiningen, Jan J.; and Veerkamp, Thomas F., 4,529,816, Cl. 560-212.000.
van Hekken, Frans; and Chen, Hsing-Yao, to RCA Corporation. Cathode-ray tube having an asymmetric slot formed in a screen grid electrode of an inline electron gun. 4,520,292, 5-28-85, Cl. 313-412.000.
van Helden, Robert; and Kramer, Petrus A., to Shell Oil Company. Process for the preparation of nitrophenylalkanols. 4,497,966, 2-5-85, Cl. 568-705.000.
van Helden, Robert; Baardman, Frank; and Syrier, Johannes L. M., to Shell Oil Company. Herbicidal urea compounds. 4,533,379, 8-6-85, Cl. 71-88.000.
Vanhelle, Michel E. A. Process and apparatus for spinning cored filaments, and cored filaments thus obtained. 4,495,760, 1-29-85, Cl. 57-211.000.
Van Herle, Louis; and Wittwer, Fritz, to Warner-Lambert Company. Apparatus and method for sealing capsules. 4,550,238, 10-29-85, Cl. 219-121.0LC.
Van Herwijnen, Gerardus: *See—*
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van Hest, Cornelius A. J. H., to Ruti-Te Strake B.V. Method and apparatus for inserting different weft threads having different properties into the warp shed of a jet weaving machine. 4,534,387, 8-13-85, Cl. 139-435.000.
Van Heukelom, Rowland M.: *See—*
  Deimerly, Thomas R.; and Van Heukelom, Rowland M., 4,541,565, Cl. 239-178.000.
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  Mulder, Berend J.; and van Heusden, Sybrandus, 4,539,508, Cl. 313-546.000.
  Mulder, Berend J.; and van Heusden, Sybrandus, 4,541,811, Cl. 445-26.000.
van Heuvelen, Jan H., to Twentse Graveerindustrie B.V. Flexible gravure sleeve. 4,556,610, 12-3-85, Cl. 428-666.000.
van Heuven, Johannes H. C.: *See—*
  Khoe, Giok D.; and van Heuven, Johannes H. C., 4,555,810, Cl. 455-612.000.
Van Hijfte, Willy H. P.; and Vanmarcke, Luc A., to Compagnie Neerlandaise de l'Azote. Process for making granules containing urea as the main component. 4,500,336, 2-19-85, Cl. 71-29.000.
Van Hijfte, Willy H. P.; and Vanmarcke, Luc A., to Compagnie Neerlandaise de l'Azote. Process for the production of urea granules. 4,525,198, 6-25-85, Cl. 71-28.000.
Van Hoff, Isidoor K.; and Van Den Bergh, Johannes H. P. M., to U.S. Philips Corporation. Electric wire with a copper, silver, or gold core clad with tungsten, molybdenum or tungsten/molybdenum alloy. 4,508,791, 4-2-85, Cl. 428-663.000.
Van Holten, Theodoor, to Stichting Energieonderzoek Centrum Nederland. Device for deriving energy from a flowing medium. 4,530,644, 7-23-85, Cl. 416-175.000.
Van Hoomissen, Robert L.: *See—*
  Briscoe, Terry L.; and Van Hoomissen, Robert L., 4,561,154, Cl. 24-136.00K.
Van Horn, Joseph M.: *See—*
  Epstein, Paul; Ballas, John S., Jr.; Mandler, John J., Jr.; and Van Horn, Joseph M., 4,519,396, Cl. 128-698.000.
Vanhoutte, Jan E., to Fabrique Nationale Herstal. Tennis racket having alveoli filled honeycomb reinforcement. 4,505,480, 3-19-85, Cl. 273-73.00C.
Van Hove, Emile, to Dredging International. Device for underwater sealing ports or similar, notably the bottom traps from hopper barges. 4,549,497, 10-29-85, Cl. 114-36.000.
Van Huis, Philip J.: *See—*
  Moore, James I.; and Van Huis, Philip J., 4,493,362, Cl. 164-457.000.
VanHulle, Glenn J.: *See—*
  Blake, Jon R.; Knutson, Richard K.; and VanHulle, Glenn J., 4,513,016, Cl. 426-554.000.
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Van Humbeeck, Freddy J.; Burtin, Jean; and Van Meenen, Johnny P., to AGFA-GEVAERT N.V. Machine for cutting documents. 4,541,317, 9-17-85, Cl. 83-34.000.

Vanhumbeeck, Jacky; Danneels, Laurent; De Steur, Hubert; and Heyneman, Guido, to Siemens Aktiengesellschaft. Analysis system for determining copper content in waste water. 4,545,957, 10-8-85, Cl. 422-81.000.

Van Husen, Hendrik W., to GTE Automatic Electric Laboratories Incorporated. Hall effect device test circuit. 4,514,687, 4-30-85, Cl. 324-158.00R.

Van Husen, Hendrik W.: *See—*
  Daley, William J.; and Van Husen, Hendrik W., 4,491,794, Cl. 324-158.00R.

Van Iderstine, Richard. Photography adaptor assembly for a slit lamp examination unit. 4,504,129, 3-12-85, Cl. 351-206.000.

van Iperen, Willem H. P., to Sea-Land Industries, Inc. Cargo restraining device. 4,510,652, 4-16-85, Cl. 24-68.0CD.

Van Iperen, Willem H. P., to Sea-Land Corporation. Removable garment rack for transport of hanging garments. 4,538,738, 9-3-85, Cl. 211-162.000.

Van John, John W. Energy alternating swing method. 4,538,802, 9-3-85, Cl. 272-1.00R.

van Kattenbroek, Hendrik J., to Administratie - En Automatiseringscentrum Vulcaan B.V. Device for transferring eggs from a feeding chain to retaining members moving behind each other. 4,522,293, 6-11-85, Cl. 198-377.000.

van Kemenade, Johannes T. C.: *See—*
  Rutten, Joseph; Hoeks, Gerardus P. F.; and van Kemenade, Johannes T. C., 4,524,300, Cl. 313-487.000.

van Kemenade, Wilhelmus M. P.: *See—*
  Compen, Johannes M. A. A.; and van Kemenade, Wilhelmus M. P., 4,550,032, Cl. 427-64.000.

VanKempema, Richard B.: *See—*
  Miller, Raymond H.; and VanKempema, Richard B., 4,541,798, Cl. 431-266.000.

Van Kessel, Antoon M. M.: *See—*
  Gielis, Gerardus C. M.; and Van Kessel, Antoon M. M., 4,538,285, Cl. 375-104.000.

van Kessel, Matheus M., to Shell Oil Company. Process and reactor for the combustion of carbon-containing fuel. 4,520,737, 6-4-85, Cl. 110-171.000.

van Konynenburg, Peter H.; Lyons, Bernard J.; Smith-Johannsen, Robert; and Moyer, Wendell W., to Raychem Corporation. PTC Compositions and devices comprising them. 4,534,889, 8-13-85, Cl. 252-511.000.

van Kreuningen, Rudolf, to Kraco Enterprises. 8-Track cassette adaptor. 4,513,335, 4-23-85, Cl. 360-94.000.

van Laarhoven, Albertus J. A. J.: *See—*
  Span, Francis J.; Boland, Aloysius T. M.; and van Laarhoven, Albertus J. A. J., 4,511,275, Cl. 403-33.000.

Van Laere, Christiaan G. M. Hand-holdable electric power tool apparatus. 4,505,170, 3-19-85, Cl. 81-464.000.

Van Laethem, Robert; Van Cauter, Albert; and Terneu, Robert, to Glaverbel. Process for producing coated flat glass. 4,536,204, 8-20-85, Cl. 65-60.400.

Van Laethem, Robert: *See—*
  Cornet, Julien; and Van Laethem, Robert, 4,522,847, Cl. 427-55.000.

Van Landeghem-Heynderickx, Renate, legal representative: *See—*
  Sugier, Andre; Audibert, Francois; and Van Landeghem, Hugo, deceased, 4,529,738, Cl. 518-700.000.

Van Landeghem, Hugo, deceased: *See—*
  Sugier, Andre; Audibert, Francois; and Van Landeghem, Hugo, deceased, 4,529,738, Cl. 518-700.000.

Van Leeuwen, Johannes A.: *See—*
  Stover, Johannes H.; and Van Leeuwen, Johannes A., 4,498,884, Cl. 445-45.000.

Van Leirsburg, Dean A.: *See—*
  Hubred, Gale L.; and Van Leirsburg, Dean A., 4,500,495, Cl. 423-53.000.
  Hubred, Gale L.; and Van Leirsburg, Dean A., 4,514,369, Cl. 423-54.000.
  Hubred, Gale L.; and Van Leirsburg, Dean A., 4,515,757, Cl. 423-54.000.

Van Lent, Johannes G.: *See—*
  Van Den Berg, Jacob; Van Lent, Johannes G.; and Strik, Francis B., 4,496,641, Cl. 430-23.000.

VanLenten, James A.: *See—*
  Plowman, Richard E.; and VanLenten, James A., 4,524,816, Cl. 164-287.000.

Vanlerberghe, Guy; and Sebag, Henri, to L'Oreal. Sequenced surfactant oligomers, process for preparing the same and compositions containing the same. 4,491,534, 1-1-85, Cl. 252-357.000.

Vanlerberghe, Guy; and Sebag, Henri, to L'Oreal. Polyhydroxyl nonionic surfactant, process for preparing the same and cosmetic composition containing the same. 4,515,775, 5-7-85, Cl. 424-70.000.

Vanlerberghe, Guy; and Sebag, Henri, to L'Oreal. New surface-active statistical oligomers, a process for their preparation and compositions in which they are present. 4,532,125, 7-30-85, Cl. 424-47.000.

Vanlerberghe, Guy: *See—*
  Sebag, Henri; and Vanlerberghe, Guy, 4,499,070, Cl. 424-70.000.
  Sebag, Henri; and Vanlerberghe, Guy, 4,523,921, Cl. 8-405.000.

Vanlerberghe, John P. Tiltable rudder. 4,506,621, 3-26-85, Cl. 114-162.000.

van Leusen, Adriaan M.: *See—*
  van Leusen, Albert M.; and van Leusen, Adriaan M., 4,548,749, Cl. 260-239.500.
  van Leusen, Albert M.; and van Leusen, Adriaan M., 4,551,278, Cl. 260-397.400.

van Leusen, Albert M.; and van Leusen, Adriaan M., to Gist-Brocades N.V. Process for the preparation of 21-hydroxy-20-keto-Δ^{16}-steroids and new intermediate compounds formed in this process. 4,548,749, 10-22-85, Cl. 260-239.500.

van Leusen, Albert M.; and van Leusen, Adriaan M., to Gist-Brocades N.V. Preparation of 20-keto-Δ^{16}-steroids. 4,551,278, 11-5-85, Cl. 260-397.400.

van Lier, Johannes A.; and Yasuda, Hirotsugu, to Union Carbide Corporation. Leak resistant galvanic cell and process for the production thereof. 4,503,133, 3-5-85, Cl. 429-174.000.

van Lier, Johannes A.: *See—*
  Yasuda, Hirotsugu; and van Lier, Johannes A., 4,501,805, Cl. 429-174.000.

van Linden, Jan H. L.; and Whitehead, James S., to Aluminum Company of America. Press for recovering metal from dross. 4,540,163, 9-10-85, Cl. 266-201.000.

van Lingen, H. Peter, to Asahi/America Inc. Motor operated valve. 4,556,194, 12-3-85, Cl. 251-129.120.

van Lomm, Gerard J. E. H.: *See—*
  Everhardus, Roelof H.; and van Lomm, Gerard J. E. H., 4,543,310, Cl. 430-59.000.

VanLoon, Donald F.; and Miller, Bernard F., to Ingersoll-Rand Company. Sealing means with spaced annular seals having support rings. 4,556,223, 12-3-85, Cl. 277-118.000.

van Loon, Martien K. C., to Weld-Equip B.V. Automatically controlled arc-welding device for welding tie elements to a work place. 4,503,310, 3-5-85, Cl. 219-98.000.

van Loveren, Augustinus G.; Sprecker, Mark A.; Whelan, Patrick; and Hanna, Marie R., to International Flavors & Fragrances Inc. Process for producing 1,1-dimethyl-3-indanones, products produced thereby and organoleptic uses thereof. 4,532,357, 7-30-85, Cl. 568-327.000.

Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., to International Flavors & Fragrances Inc. Use of macrocyclic lactone in augmenting or enhancing aroma or taste of consumable materials. 4,541,950, 9-17-85, Cl. 252-522.00R.

Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; Vock, Manfred H.; and Wiegers, Wilhelmus J., to International Flavors & Fragrances Inc. Use of macrocyclic lactone in augmenting or enhancing aroma or taste of consumable materials. 4,559,168, 12-17-85, Cl. 252-522.00A.

Van Loveren, Augustinus G.: *See—*
  Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,495,091, Cl. 252-522.00R.
  Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,503,259, Cl. 568-382.000.
  Boden, Richard M.; Dekker, Lambert; Schmitt, Frederick L.; and Van Loveren, Augustinus G., 4,532,361, Cl. 568-382.000.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,496,775, Cl. 568-820.000.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,512,902, Cl. 252-8.600.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,514,324, Cl. 252-522.00R.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,532,359, Cl. 568-346.000.
  Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,549,972, Cl. 252-8.600.
  Hall, John B.; Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,549,982, Cl. 252-522.00R.
  Sprecker, Mark A.; Belko, Robert P.; Van Loveren, Augustinus G.; and Hanna, Marie R., 4,524,020, Cl. 252-522.00R.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,515,712, Cl. 252-522.00R.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,522,765, Cl. 260-463.000.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,525,364, Cl. 426-3.000.
  Wiegers, Wilhelmus J.; Van Loveren, Augustinus G.; Hanna, Marie R.; Luccarelli, Domenick, Jr.; Bowen, David R.; and Vock, Manfred H., 4,536,299, Cl. 252-8.600.

Van Lue, Benjamin H.; Van Lue, Timothy A.; and Vanlue, Vincent V. Bean cutter. 4,538,492, 9-3-85, Cl. 83-411.00R.

Van Lue, Timothy A.: *See—*
  Van Lue, Benjamin H.; Van Lue, Timothy A.; and Vanlue, Vincent V., 4,538,492, Cl. 83-411.00R.

Vanlue, Vincent V.: *See—*
  Van Lue, Benjamin H.; Van Lue, Timothy A.; and Vanlue, Vincent V., 4,538,492, Cl. 83-411.00R.

Van Maanen, Johannes D., to Tevopharm Schiedam B.V. Apparatus for packing articles fed in a continuous flow. 4,561,237, 12-31-85, Cl. 53-548.000.

Vanmaele, Luc J.: *See—*
  Vandewalle, Maurits; Vanmaele, Luc J.; De Clercq, Pierre J.; Halkes, Sebastianus J.; and Overbeek, Wilhelmus R. M., 4,539,153, Cl. 260-397.200.

vanManen, Dick T., to Voplex Corporation. Extrusion cladding of base strip for cushioned automotive strap handle. 4,547,954, 10-22-85, Cl. 29-458.000.

Vanmarcke, Luc A.: *See*—
- Van Hijfte, Willy H. P.; and Vanmarcke, Luc A., 4,500,336, Cl. 71-29.000.
- Van Hijfte, Willy H. P.; and Vanmarcke, Luc A., 4,525,198, Cl. 71-28.000.

van Marle, Berend P.: *See*—
- Alink, Aloysius J. W. O.; and van Marle, Berend P., 4,512,759, Cl. 494-14.000.

Van Meenen, Johnny P.: *See*—
- Van Humbeeck, Freddy J.; Burtin, Jean; and Van Meenen, Johnny P., 4,541,317, Cl. 83-34.000.

Van Melle, Hugh, to Amhil Enterprises Ltd. Segmented spacer ring. 4,552,522, 11-12-85, Cl. 425-182.000.

Van Meter, James A. Key ring attachment. 4,543,860, 10-1-85, Cl. 81-488.000.

Van Meurs, Hubrecht C. A.: *See*—
- Voetter, Heinz; Darton, Richard C.; Van Meurs, Hubrecht C. A.; and Krishna, Rajamani, 4,508,041, Cl. 110-347.000.

van Michaels, Christopher. Multi-fuel rotary power plants using gas pistons, elliptic compressors, internally cooled thermodynamic cycles and slurry type colloidal fuel from coal and charcoal. 4,519,206, 5-28-85, Cl. 60-39.540.

van Mil, Job F. P.: *See*—
- van den Enden, Adrianus W. M.; and van Mil, Job F. P., 4,560,836, Cl. 179-18.0BC.

van Mil, Martinus P. G., to Stork PMT B.V. Device for emptying a container filled with live poultry. 4,510,886, 4-16-85, Cl. 119-82.000.

van Mil, Martinus P. G., to Stork PMT B.V. Apparatus for the removal of entrails of slaughtered birds. 4,516,290, 5-14-85, Cl. 17-11.000.

van Mil, Martinus P. G., to Stork PMT B.V. Device for separating and processing the gizzards of slaughtered poultry. 4,524,489, 6-25-85, Cl. 17-11.000.

van Mil, Martinus P. G., to Stork PMT B.V. Method and apparatus for dividing slaughtered poultry into a back half and a front half. 4,558,489, 12-17-85, Cl. 17-52.000.

van Mondfrans, Gerardus H.: *See*—
- Blaak, Cornelis; and van Mondfrans, Gerardus H., 4,510,863, Cl. 101-119.000.

van Mullekom, Hubert P., to Ruti-te Strake B.V. Shuttleless weaving machine comprising means for removing defected weft threads from the weaving shed. 4,503,889, 3-12-85, Cl. 139-1.00R.

van Mullekom, Hubert P., to Ruti-Te Strake B.V. Shuttleless weaving machine. 4,541,460, 9-17-85, Cl. 139-429.000.

Vann, Roy R., to Geo Vann, Inc. Ball switch device and method. 4,499,951, 2-19-85, Cl. 166-297.000.

Vann, Roy R.; George, Flint R.; and Warren, Dennis F., to Geo Vann, Inc. Bar actuated vent assembly. 4,512,406, 4-23-85, Cl. 166-297.000.

Vann, Roy R.; and George, Flint R., to GEO VANN, Inc. Hold down apparatus for wireline operated gun. 4,554,975, 11-26-85, Cl. 166-297.000.

Van Naarden, Robert W.: *See*—
- DeVale, Donald P.; Brejcha, Robert J.; and Van Naarden, Robert W., 4,516,781, Cl. 273-373.000.

van Nassau, Petrus J. M.; Biermans, Andreas J.; Jonckers, Kees; and de Cooker, Mario G. R. T., to Unie van Kunstmestfabrieken B.V. Process for the preparation of urea. 4,540,813, 9-10-85, Cl. 564-71.000.

Van Nassau, Petrus J. M.: *See*—
- Jonckers, Kees; Van Nassau, Petrus J. M.; and Biermans, Andreas J., 4,539,077, Cl. 203-49.000.

Van Natta, Harold. Grooming device. 4,521,962, 6-11-85, Cl. 30-34.100.

van Nederkassel, Ludovicus J.: *See*—
- Hartwig, Carl S. M.; and van Nederkassel, Ludovicus J., 4,492,526, Cl. 417-45.000.

van Nederveen, Hans B., to SKF Industrial Trading & Development Company B.V. Drill head. 4,520,882, 6-4-85, Cl. 175-410.000.

Vanni, Sergio; Guidi, Loris; Vallini, Paolo; Pace, Renato C.; and Scotti, Carlo, to Guidi, Loris; and Sibit S.p.A. Process for tanning hides. 4,560,384, 12-24-85, Cl. 8-94.210.

Vannier, Chantal: *See*—
- Lacour, Bernard; Maillet, Marc; de Witte, Olivier; and Vannier, Chantal, 4,495,631, Cl. 372-38.000.
- Lacour, Bernard; Maillet, Marc; Vannier, Chantal; and de Witte, Olivier, 4,509,174, Cl. 372-82.000.

van Nieuwland, Jacob M.: *See*—
- Nieuwendijk, Joris A. M.; van Gijsel, Wilhelmus D. A. M.; Sanders, Georgius B. J.; and van Nieuwland, Jacob M., 4,555,797, Cl. 381-117.000.

Van Noord, Andrew J. Knockdown lamp assembly. 4,541,038, 9-10-85, Cl. 362-352.000.

Van Nordstrand, Robert A., to Chevron Research Company. Method of adding an alkaline earth metal to a zeolitic catalyst. 4,547,472, 10-15-85, Cl. 502-66.000.

Van Noten, Lodewijk: *See*—
- Franckx, Joris R. I.; Mendes, Luiz N.; Van Noten, Lodewijk; and Touchais, Thierry, 4,560,828, Cl. 174-71.00R.
- Moisson, Marc; Van Noten, Lodewijk; Overbergh, Noel; Franckx, Joris; and Buekers, Valere, 4,498,938, Cl. 156-49.000.

van Nunen, Hendrikus T.: *See*—
- van Gastel, Josephus M. M.; van Nunen, Hendrikus T.; and Sanders, Leonardus C. M., 4,532,884, Cl. 118-243.000.

Van Ocker, William G.; Pawlenko, Ivan; Reider, Donald F.; Troebs, Charles J.; Clair, Robert A.; and Crandall, Stanley C., to Avery International Corporation. Long-life inked-ribbon cassette. 4,493,572, 1-15-85, Cl. 400-196.100.

Van Oene, Dale G. Anchor lifting device. 4,552,087, 11-12-85, Cl. 114-297.000.

Van Offenwert, Theophilus T. J. M.: *See*—
- Janssens, Frans E.; Torremans, Joseph L. G.; Hens, Jozef F.; and Van Offenwert, Theophilus T. J. M., 4,556,660, Cl. 514-272.000.

van Olst, Gijsbrecht H. J. Venting device. 4,545,398, 10-8-85, Cl. 137-216.200.

van Olst, Gijsbrecht H. J.: *See*—
- Ericson, Kurt S. B.; and van Olst, Gijsbrecht H. J., 4,524,795, Cl. 137-216.200.

van Ommen, Alfred H.; Maas, Henricus G. R.; Appels, Johannes A.; and Josquin, Wilhelmus J. M. J., to U.S. Philips Corporation. Method of manufacturing a semiconductor device, in which patterns are formed in a layer of silicon nitride by means of ion implantation. 4,514,251, 4-30-85, Cl. 156-628.000.

van Oosten, Adriaan M.: *See*—
- Gut, Jiri; and van Oosten, Adriaan M., 4,505,934, Cl. 514-762.000.

van Oosterbos, Johannes P. M.: *See*—
- van der Klooster, Jacob P.; and van Oosterbos, Johannes P. M., 4,497,937, Cl. 525-333.100.

Van Ooyen, Richard C., to J. I. Case Company. Crawler track tensioning and drive system. 4,545,624, 10-8-85, Cl. 305-9.000.

Vanore, Silvestro: *See*—
- Brandi, Roberto; Di Lena, Francesco; Vanore, Silvestro; Naess, Tor; and Schamaun, Paul U., 4,543,014, Cl. 405-207.000.

Van Ornum, Joel V.; and Chiu, Jessie T., to Rockcor, Inc. Thermally stable sealant composition. 4,539,344, 9-3-85, Cl. 523-166.000.

Van Orsdel, James. Apparatus and method for timekeeping and time correction for analog timepiece. 4,501,502, 2-26-85, Cl. 368-47.000.

van Os, Cornelis J., to Noord-Nederlandsche Machinefabriek B.V. Perstaltic pump. 4,515,536, 5-7-85, Cl. 417-394.000.

van Os, Rudi, to Koninklijke Nederlandse Papierfabrieken N.V. Method and apparatus for removing condensate from a cylinder, in particular a cylinder for drying paper. 4,493,158, 1-15-85, Cl. 34-41.000.

Vanosdall, Dennis L., to Hawkeye Food Machinery, Inc. Vegetable peeler. 4,519,305, 5-28-85, Cl. 99-625.000.

Van Ouwerkerk, Anton: *See*—
- Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,496,775, Cl. 568-820.000.
- Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,512,902, Cl. 252-8.600.
- Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,514,324, Cl. 252-522.00R.
- Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,532,359, Cl. 568-346.000.
- Evers, William J.; Mookherjee, Braja D.; Van Ouwerkerk, Anton; and Van Loveren, Augustinus G., 4,549,972, Cl. 252-8.600.

Vanover, Bob, Sr. Belt buckle machine. 4,549,342, 10-29-85, Cl. 29-3.000.

Van Over, William E., to Transducers, Inc. Overload protected pressure transducer. 4,543,832, 10-1-85, Cl. 73-720.000.

Van Overloop, Ronald R., to Kendall Company, The. Scrub sponge with opposed puncture member arms. 4,525,091, 6-25-85, Cl. 401-134.000.

Van Overloop, Ronald R., to Kendall Company, The. Device for moist heat therapy. 4,540,412, 9-10-85, Cl. 604-291.000.

Van Overschelde, Daniel M.: *See*—
- Carnewal, Jose A. C. L.; and Van Overschelde, Daniel M., 4,552,547, Cl. 474-101.000.

Van Papeveld, Piet: *See*—
- Beck, Alfred; and Van Papeveld, Piet, 4,514,931, Cl. 49-21.000.

Van Patten, Preston J. Safety lowering device. 4,493,391, 1-15-85, Cl. 182-6.000.

Van Pelt, Christopher K., to Therm-O-Type Corporation. Paper sheet handling mechanism. 4,538,801, 9-3-85, Cl. 271-251.000.

Van Pelt, Richard, to Storage Technology Corporation. Dual mode control system for controlling tape position in a reel to reel transport apparatus. 4,494,711, 1-22-85, Cl. 242-184.000.

VanPelt, Wilbur F.; and Peterson, Richard W., to United States of America, Health and Human Services. Process and device for x-ray system quality assurance. 4,550,422, 10-29-85, Cl. 378-207.000.

Van Pelt, Wilhelmus H. J. M., to Grasso's Koniklyke Machine Fabriekon N.V. Gradient column freeze concentration system. 4,557,741, 12-10-85, Cl. 62-541.000.

Van Peski, Christian K.; and Meisenheimer, William L., to TRE Semiconductor Equipment Corporation. Single lens repeater. 4,521,114, 6-4-85, Cl. 356-401.000.

Van Peteghem, Willy F.: *See*—
- De Cock, Etienne M.; De Schamphelaere, Lucien A.; Librecht, Freddy M.; and Van Peteghem, Willy F., 4,524,372, Cl. 346-160.000.
- De Schamphelaere, Lucien A.; De Cock, Etienne M.; De Bondt, Werner E.; Librecht, Freddy M.; Boeve, Gerard J.; and Van Peteghem, Willy F., 4,536,778, Cl. 346-160.000.

van Poele, Gerard J.: *See*—
- Piepers, Harry C.; and van Poele, Gerard J., 4,515,670, Cl. 204-199.000.

Van Polen, Alta R., to Van Polen, Alta R.; and Sartwell, James F. Ostomy bag apparatus with side wall pocket to contain a deodorant member. 4,543,097, 9-24-85, Cl. 604-333.000.

Van Pool, Joe, to Phillips Petroleum Company. Alkylation process. 4,513,165, 4-23-85, Cl. 585-723.000.

Van Prooijen, Pieter, to IHC Holland N.V. Method and apparatus for the measurement of fluid flow velocities. 4,555,947, 12-3-85, Cl. 73-861.060.

van Putten, Antonius F. P. Ambient temperature compensated double bridge anemometer. 4,548,077, 10-22-85, Cl. 73-204.000.

Van Raaij, Karel W. M. Vacuum street sweeper and filter apparatus therefor. 4,554,701, 11-26-85, Cl. 15-340.000.

Van Raaij, Karel W. M. Hydraulic cooling system for vacuum street sweeper. 4,555,825, 12-3-85, Cl. 15-339.000.

van Raalte, John A.; and Riddle, George H. N., to RCA Corporation. Video disc player with compensation for stylus holder mechanical resonance. 4,516,232, 5-7-85, Cl. 369-126.000.

Van Raemdonck, Rene; and Callaert, Andre. Apparatus for moving an individual. 4,509,785, 4-9-85, Cl. 294-118.000.

Van Renssen, Marinus: *See—*
Wilbur, Leonard P., Jr.; and Van Renssen, Marinus, 4,500,767, Cl. 219-78.010.

van Rheenen, Bernhard J. P.: *See—*
Magendans, Frederik; te Raa, Gerhardus A.; and van Rheenen, Bernhard J. P., 4,534,993, Cl. 427-34.000.

Van Rheenen, Verlan H., to Upjohn Company, The. Cyanohydrin process. 4,500,461, 2-19-85, Cl. 260-397.450.

Van Rheenen, Verlan H., to Upjohn Company, The. Spironalactone process. 4,501,695, 2-26-85, Cl. 260-239.570.

Van Rheenen, Verlan H.; and Cha, Dae Y., to Upjohn Company, The. Process to prepare stabilized monolithium acetylide. 4,526,720, 7-2-85, Cl. 260-397.400.

Van Rheenen, Verlan H., to Upjohn Company, The. Cyanohydrin process. 4,548,748, 10-22-85, Cl. 260-239.55C.

Van Rhyn, Pierre: *See—*
Bredenkamp, Gordon L.; and Van Rhyn, Pierre, 4,520,255, Cl. 219-130.100.

Van Rietschoten, Henk: *See—*
Lee, Frank X.; Krimsky, Leonard C.; and Van Rietschoten, Henk, 4,530,265, Cl. 83-337.000.

Van Rijswijck, Paul J.: *See—*
Blanken, Jacob; and Van Rijswijck, Paul J., 4,523,124, Cl. 313-446.000.

van Rijswijk, Jacob, to Jacotra A. G. Fluid containing string with opening to pass fluid from core. 4,499,144, 2-12-85, Cl. 428-376.000.

van Rinsum, Cornelis, to MTU Motoren-und Turbinen-Union Friedrichshafen GmbH. Valve control for a reciprocating piston internal combustion engine. 4,506,635, 3-26-85, Cl. 123-90.220.

van Roermund, Arthur H. M., to U.S. Philips Corporation. Dynamic amplifier circuit. 4,502,019, 2-26-85, Cl. 330-261.000.

van Roermund, Arthur H. M., to U.S. Philips Corporation. Band-rejection filter of the switched capacitor type. 4,518,935, 5-21-85, Cl. 333-173.000.

van Roermund, Arthur H. M.: *See—*
Claasen, Theodoor A. C. M.; Stienstra, Albert J.; and van Roermund, Arthur H. M., 4,517,655, Cl. 364-703.000.

Van Roessel, Frederik J., to U.S. Philips Corporation. Synchronous demodulation circuit for a carrier which is amplitude-modulated by a video signal. 4,500,922, 2-19-85, Cl. 358-188.000.

Van Roessel, Frederik J., to U.S. Philips Corporation. Analog-to-digital converter. 4,518,948, 5-21-85, Cl. 340-347.0NT.

Van Roessel, Frederik J., to U.S. Philips Corporation. Differential amplifier filter circuit having equal RC products in the feedback and output loops. 4,523,109, 6-11-85, Cl. 307-520.000.

Van Roessel, Frederik J., to U.S. Philips Corporation. Signal analyzing circuit for a periodically occurring signal. 4,533,953, 8-6-85, Cl. 358-160.000.

Van Roessel, Frederik J., to U.S. Philips Corporation. Setting-up system for a television camera. 4,535,351, 8-13-85, Cl. 358-10.000.

Van Roessel, Frederik J.: *See—*
Breimer, Hendrik; Van Roessel, Frederik J.; and Tienkamp, Engbert, 4,513,319, Cl. 358-163.000.
Timmermans, Franciscus W. A.; and Van Roessel, Frederik J., 4,551,655, Cl. 315-370.000.

van Rooij, Jacobus H. M.; and Vaessen, Leonardus M. A., to Varitrac AG; and Volvo Car B.V. Transmission chain. 4,543,081, 9-24-85, Cl. 474-242.000.

van Roon, Johannes. Layout of a ship steering-house. 4,535,713, 8-20-85, Cl. 114-71.000.

Van Rooy, Henricus J.; and Tops, Martinus J., to U.S. Philips Corporation. Pick-up unit comprising a camera tube. 4,520,291, 5-28-85, Cl. 313-365.000.

Van Rosmalen, Gerard E., to U.S. Philips Corporation. Apparatus for optically reading and/or recording information. 4,514,837, 4-30-85, Cl. 369-219.000.

Van Rosmalen, Gerard E., to U.S. Philips Corporation. Apparatus for reading an optically coded disc-shaped record carrier. 4,536,864, 8-20-85, Cl. 369-44.000.

Van Rosmalen, Gerard E., to U.S. Philips Corporation. Movable scanning unit for an optical recording or playback apparatus. 4,557,564, 12-10-85, Cl. 350-247.000.

van Rosmalen, Gerard E.: *See—*
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Opheij, Willem G.; and van Rosmalen, Gerard E., 4,546,463, Cl. 369-110.000.

Vansant, Jan: *See—*
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van Santen, Aart: *See—*
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Van Santen, Rutger A.: *See—*
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Van Scoyk, Pershing R.: *See—*
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Van Slooten, Marion: *See—*
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Van Slooten, Robert W.: *See—*
Sharpless, Charles H.; and Van Slooten, Robert W., 4,546,475, Cl. 371-49.000.

VanSlyke, Steven A.; and Tang, Ching W., to Eastman Kodak Company. Organic electroluminescent devices having improved power conversion efficiencies. 4,539,507, 9-3-85, Cl. 313-504.000.

Van Staveren, Hendrikus C.: *See—*
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Vansteelant, Marc G., to Sperry Corporation. Knotter with an improved Geneva mechanism. 4,493,498, 1-15-85, Cl. 289-2.000.

Van Steenwyk, Brett H.: *See—*
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Van Steenwyk, William E.: *See—*
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Van Swaaij, Willibrordus P. M.: *See—*
Groeneveld, Michiel J.; Verver, Albert B.; and Van Swaaij, Willibrordus P. M., 4,535,551, Cl. 34-170.000.

Van Tassel, Robert A.; Rydell, Mark A.; and Schjeldahl, Gilmore T., to Angiomedics Corporation. Catheter with soft deformable tip. 4,531,943, 7-30-85, Cl. 604-280.000.

van Thiel, Ronald R., to Xerox Corporation. Anti-backlash forms feed mechanism. 4,533,074, 8-6-85, Cl. 226-74.000.

Van Thyne, Ray J.: *See—*
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Van Tol, Nicolaas, to U.S. Philips Corporation. Transmitter for transmitting an FSK-modulated signal. 4,555,792, 11-26-85, Cl. 375-62.000.

van Tol, Nicolaas, to U.S. Philips Corporation. Receiver for FFSK modulated data signals. 4,561,098, 12-24-85, Cl. 375-49.000.

Vantucci, John: *See—*
Weigle, Robert M.; Duggan, Sharon; Foster, Candace; Miner, Jonathan; Vantucci, John; and Woozley, Mark, 4,502,475, Cl. 128-92.0EB.

van Twuyver, Robert. Apparatus for dispensing mollusks. 4,501,382, 2-26-85, Cl. 222-63.000.

Van Tyne, Richard G.: *See—*
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van Uden, Albertus J. P. M., to U.S. Philips Corporation. Circuit for amplifying and/or attenuating a signal. 4,509,021, 4-2-85, Cl. 330-282.000.

Van Uffelen, Jean-Pierre H.; Robillard, Daniel; and LeBourg, Michel, to U.S. Philips Corporation. Fast automatic gain control arrangement. 4,546,326, 10-8-85, Cl. 330-129.000.

Van Uffelen, Jean-Pierre H.: *See—*
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van Uijen, Cornelis M. J., to U.S. Philips Corporation. Method of and device for determining a nuclear magnetization distribution in a part of a body. 4,527,124, 7-2-85, Cl. 324-309.000.

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Van Valkenburg, George; and Carlquist, John W., to Van Valkenburg, George. Method and apparatus for electronic publishing. 4,517,598, 5-14-85, Cl. 358-142.000.

Van Veen, Onno; and Knobloch, Dale B., to Jonas Brothers, Inc. Artificial animal jaw. 4,544,361, 10-1-85, Cl. 434-296.000.

van Vlimmeren, Quirinus A. G., to Oce-Nederland B.V. Electrophotographic copying process and machine. 4,529,293, 7-16-85, Cl. 355-14.00D.

VanVonno, N. W., to Harris Corporation. Dielectric isolation fabrication for laser trimming. 4,510,518, 4-9-85, Cl. 357-49.000.

VanVoorhees, Steven C. Machine gun adaptor. 4,531,446, 7-30-85, Cl. 89-29.000.

Van Voorhis, John E.: *See—*
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van Voorst Vader, Frederik: *See—*
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van Voskuilen, Dirk F.; and van Voskuilen, Frans. Method for removing pipe coatings. 4,552,594, 11-12-85, Cl. 134-34.000.

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van Vroonhoven, Casper E. G. M. M.; and van Wijk, Keimpe, to U.S. Philips Corporation. Stereo phono pick-up and/or cutter. 4,494,227, 1-15-85, Cl. 369-147.000.
Van Wallaghen, Jack: *See—*
  Scharboneau, Gerald L., 4,561,271, Cl. 70-399.000.
Van Wandelen, Henri, to Bremson Data Systems, Inc. Integrator for analyzing the spectral content of printing illumination. 4,494,876, 1-22-85, Cl. 356-404.000.
van Wegen, Wilhelmus F. S. M., to Metaverpa B.V. Mechanism for rotating an object over a determined angle about a vertical axis. 4,533,033, 8-6-85, Cl. 198-413.000.
Van Wezel, Antonius L., to De Staat Der Nederlanden, Vertegenwoozdigd doozde Minister van volksgezondheid en Milieuhygiene. Virus vaccines and process for preparing the same. 4,508,708, 4-2-85, Cl. 424-89.000.
van Wieringen, Gijsbertus L., to N.V. Nederlandse Metaalindustrie Polynorm. Device adapted to mount a metal jamb or frame, more particularly a door jamb, into a wall opening. 4,510,722, 4-16-85, Cl. 52-213.000.
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van Wijngaarden, Gerhard D.: *See—*
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Van Winkle, George W.: *See—*
  Carlson, Albert A.; Owen, Darrel M.; and Van Winkle, George W., 4,495,549, Cl. 362-62.000.
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van Woudenberg, Jan-Faas: *See—*
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Vany, Gerard, to Cebal. Optical printing devices for printing on blanks which are intended for swaging. 4,556,312, 12-3-85, Cl. 355-47.000.
van Zanten, Anton, to Robert Bosch GmbH. Method and apparatus for recognizing irregular combustion processes in an internal combustion engine. 4,492,108, 1-8-85, Cl. 73-35.000.
Van Zeeland, Anthony J.; and Denley, Ronald S., to Oak Industries Inc. Keyboard switch with pivotal actuator lever. 4,553,009, 11-12-85, Cl. 200-340.000.
Van Zeeland, Anthony J.; Larson, Willis A.; and Christensen, David A., to Oak Industries Inc. Membrane switch and components having means for preventing creep. 4,559,426, 12-17-85, Cl. 200-159.00B.
Van Zeeland, Donald L.: *See—*
  Schuchmann, Russell P.; and Van Zeeland, Donald L., 4,543,527, Cl. 324-207.000.
van Zon, Cornelis; Jonkeren, Gerrit J.; and Eggengoor, Hilbert, to Wafilin B.V. Non-woven tube for membrane filtration. 4,514,302, 4-30-85, Cl. 210-433.200.
Vaphiadis, John L.: *See—*
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  Brady, Robert T.; and Gardell, Harry L., 4,538,551, Cl. 122-367.00R.
  Edmunds, Robert H.; and Vanek, Jay D., 4,515,179, Cl. 137-543.130.
  Higgins, Philip M.; MacKenna, William B.; Sickels, Lawrence G.; and Stumpf, Richard A., 4,491,917, Cl. 364-424.000.
  Mamach, Harry E., 4,490,941, Cl. 49-28.000.
  Schleiter, Daniel P., Sr., 4,556,083, Cl. 137-514.000.
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Varadarajan, Hemmige D., to Advanced Micro Devices, Inc. High speed referenceless bipolar logic gate with minimum input current. 4,538,075, 8-27-85, Cl. 307-454.000.
Varadarajan, Hemmige D., to Advanced Micro Devices, Inc. Dynamic ECL circuit adapted to drive loads having significant capacitance. 4,539,493, 9-3-85, Cl. 307-455.000.
Varadarajan, Hemmige D., to Advanced Micro Devices, Inc. ECL Logic circuit with a circuit for dynamically switchable low drop current source. 4,547,881, 10-15-85, Cl. 307-296.00R.
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Varall, Alfred J., Jr.: *See—*
  Jatkar, Arun D.; Varall, Alfred J., Jr.; and Schelleng, Robert D., 4,557,893, Cl. 419-12.000.
Varallo, Thomas P.; Ervine, Albert W. G.; Duffy, Joseph J.; and Olson, Edwin G., to Du Pont de Nemours, E. I., and Company. Vacuum transfer apparatus for packing layers of articles in a container. 4,514,956, 5-7-85, Cl. 53-148.000.
Varano, Vincent. Alarm system activated by buzzers. 4,520,349, 5-28-85, Cl. 340-531.000.
Varcak, David M.: *See—*
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  Zimmermann, Abraham, 4,498,698, Cl. 294-82.00R.
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Vardi, Isaih; Kimchi, Yigal; and Ben-Dror, Jonathan. Purification system. 4,504,396, 3-12-85, Cl. 210-800.000.
Vardi, Isaih; Bourne, Joseph; Ben-Dror, Jonathan; and Kimchi, Yigal, to Eshel Residual for Cooling and Heating Ltd. Liquid mixing device. 4,522,720, 6-11-85, Cl. 210-512.100.
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  Kiss, Laszlo; Faludi, Arpad; Grof, Gyula; Bolyo, Laszlo; Szolgyen, Csaba; Mihadak, Istvan; and Varga, Imre, 4,498,789, Cl. 374-164.000.
Varga, John M. Carding engine. 4,499,632, 2-19-85, Cl. 19-98.000.
Varga, John M., to Carding Specialists (Canada) Ltd. Method and apparatus for forming a sliver. 4,501,048, 2-26-85, Cl. 19-106.00R.
Varga, John M. J. Gas compressor or blower. 4,499,814, 2-19-85, Cl. 92-169.000.
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Varga, Laszlo ; Krekacs, Sandor; Latorcai, Janos; Palfi, Zoltan; and Fledrich, Istvan, to Budapesti Muszaki Egyetem. Method for removing moisture adhered to surfaces of bodies and for simultaneously adjusting the surface temperature of the bodies. 4,514,911, 5-7-85, Cl. 34-22.000.
Varga, Sandor I.; Dougherty, Richard L.; Dandy, Donny C.; and Thomas, Willie J., to Mt. Sinai Medical Center of Greater Miami. Intravenous infusion pole attachment. 4,511,158, 4-16-85, Cl. 280-292.000.
Varga, Stephen I.; and Mattz, Donald P., to Turtle Wax, Inc. Emulsion polish compositions. 4,497,919, 2-5-85, Cl. 524-10.000.
Vargas, Alfredo P., to South American Placers, Inc. Process for the selective separation of base metal sulfides and oxides contained in an ore. 4,515,688, 5-7-85, Cl. 209-167.000.
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  Ackley, James W., 4,534,314, Cl. 118-733.000.
  Balkwill, John T., 4,532,171, Cl. 428-188.000.
  Berkowitz, Edward H., 4,525,673, Cl. 324-312.000.
  Borden, Peter G., 4,513,168, Cl. 136-244.000.
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  Boys, Donald R.; and Graves, Walter E., 4,500,409, Cl. 204-298.000.
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  Garrett, Charles B., 4,518,078, Cl. 198-775.000.
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  Garrett, Charles B., 4,558,984, Cl. 414-609.000.
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  Harra, David J., 4,512,391, Cl. 165-48.00R.
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  - Karp, Arthur, 4,558,256, Cl. 315-3.500.
  - Lee, Reuy-Lin; Kneip, George D., Jr.; and Anderson, Marvin H., 4,535,291, Cl. 324-320.000.
  - Lewis, Carol R., 4,517,276, Cl. 430-192.000.
  - Liebert, Reuel B.; and Russo, Carl J., 4,512,812, Cl. 134-21.000.
  - Marzec, Willy; and Tallis, Allen A., 4,548,365, Cl. 242-4.00R.
  - Meacham, David D.; and Haruff, John J., 4,557,819, Cl. 204-298.000.
  - Miram, George V.; and Mizuhara, Yosuke M., 4,555,646, Cl. 315-5.350.
  - Pedersen, Bjorn O.; and Jost, Jonathan A., 4,527,620, Cl. 165-80.00D.
  - Petric, Paul F.; and Foley, Michael S., 4,524,261, Cl. 219-121.0EL.
  - Petric, Paul F.; Foley, Michael S.; Utlaut, Mark W.; and Laiacano, Joseph A., 4,528,451, Cl. 250-441.100.
  - Petric, Paul F.; Foley, Michael S.; Waz, John J.; and Milgate, Robert W., III, 4,560,880, Cl. 250-441.100.
  - Powell, Ronald A.; and Fulks, Ronald T., 4,522,845, Cl. 427-53.100.
  - Preist, Donald H., 4,527,091, Cl. 315-5.000.
  - Russo, Carl J., 4,503,087, Cl. 427-55.000.
  - Russo, Carl J., 4,516,050, Cl. 313-359.100.
  - Siddall, Graham J., 4,506,184, Cl. 310-328.000.
  - Symons, Robert S., 4,506,190, Cl. 315-5.350.
  - Taylor, Norman J., 4,544,847, Cl. 250-396.0ML.
  - Thiem, Carol J.; Lavering, Gordon R.; and Valier, Gerald A., 4,546,325, Cl. 330-45.000.
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  - Vaguine, Victor A.; Giebeler, Robert H., Jr.; and McEuen, Albert H., 4,556,070, Cl. 128-804.000.
  - Vora, Mahasukh; and Malhotra, Rajender, 4,513,430, Cl. 377-39.000.
  - Wiseman, Alan G.; and Huberts, John T., 4,517,850, Cl. 73-864.210.
  - Zens, Albert P., 4,549,136, Cl. 324-308.000.
  - Zitelli, Louis T.; and Schumacher, Richard T., 4,550,251, Cl. 250-213.0VT.
- Varian Techtron Pty Limited: *See—*
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- Variform Plastics, Inc.: *See—*
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- Varin, Philippe: *See—*
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  - Keinborg, Maurice; Varin, Philippe; Bertaud, Yves; and Leroy, Michel, 4,532,017, Cl. 204-67.000.
- Varitrac AG: *See—*
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- Varitronic Systems, Inc.: *See—*
  - McGourty, Thomas K.; and McGourty, Lawrence F., 4,544,289, Cl. 400-154.500.
  - McGourty, Thomas K.; and McGourty, Lawrence F., 4,548,523, Cl. 400-617.000.
- Varjabedian, Shanoor. Headache curing medical device. 4,549,536, 10-29-85, Cl. 128-60.000.
- Varker, Kenneth J., to International Business Machines Corporation. High density encapsulated wire circuit board. 4,554,405, 11-19-85, Cl. 174-68.500.
- Varker, Kenneth J.: *See—*
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- Varkia, Esa, to Vaisala Oy. Means for attaching a sounding balloon. 4,499,763, 2-19-85, Cl. 73-170.00R.
- Varlemann, Kurt. Automatic hydraulic reversing valve for a double-action working cylinder. 4,513,653, 4-30-85, Cl. 91-239.000.
- Varley, Robert F., to Robert F. Varley Co., Inc. Method for improved hydraulic jetting of drill bore holes using high pressure pulses of fluid. 4,518,048, 5-21-85, Cl. 175-61.000.
- Varley, William J.: *See—*
  - Norris, George W.; Kobuck, Richard M.; Varley, William J.; Jacobs, Arthur F.; and Ferree, Herbert E., 4,502,347, Cl. 74-447.000.
- Varma, Indra K.; Fohlen, George M.; and Parker, John A., to United States of America, National Aeronautics and Space Administration. Phosphorus-containing imide resins. 4,496,701, 1-29-85, Cl. 526-262.000.
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  - Besenhard, Jurgen O.; Wudy, Erich; and Fritz, Heinz P., 4,547,442, Cl. 429-209.000.
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  - Banks, Julia G.; and Ficho, William, 4,508,156, Cl. 164-35.000.
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  - Gerhard, Gregory J.; Gornstein, Robert J.; Graham, William M.; Patel, Anilbhai S.; Smith, John M.; and Vaughn, Wade C., 4,502,162, Cl. 3-13.000.
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  - Bergheim, Hans; and Griep, Winfried, 4,530,145, Cl. 29-458.000.
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- Vayenas, Costas G.; and Teague, Catherine E., to Massachusetts Institute of Technology. Method for forming nitric oxide from ammonia. 4,512,964, 4-23-85, Cl. 423-403.000.
- Vayra, Jean, to Commissariat a l'Energie Atomique. Integrated control safety valve. 4,552,173, 11-12-85, Cl. 137-490.000.
- Vazhnov, Evgeny N.: *See—*
  - Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.
- Vazopolos, Steve: *See—*
  - Nelson, G. Douglas; and Vazopolos, Steve, 4,557,926, Cl. 424-19.000.
- Vazquez, Frank B. Tap changer. 4,527,022, 7-2-85, Cl. 200-8.00R.
- Vazquez, Gonzalo, to AVA International Corporation. Subsurface safety valve. 4,527,631, 7-9-85, Cl. 166-322.000.
- Vazquez, Miguel; and Bilde, Rene, to France Transfo (S.A.). Process and apparatus for winding an electrically conductive wire into an inductive coil. 4,491,284, 1-1-85, Cl. 242-83.000.
- Vazquez, Richard M. Container for clinical product. 4,526,404, 7-2-85, Cl. 283-79.000.
- Vbern Miro, Pedro. Transmission ratio variators. 4,529,394, 7-16-85, Cl. 474-49.000.
- VBM Corporation: *See—*
  - Beatty, Harry F., 4,505,455, Cl. 254-89.00H.
  - Dechene, Fernand J., 4,552,571, Cl. 55-21.000.
- VDO Adolf Schindling AG: *See—*
  - Baeger, Holm, 4,521,078, Cl. 350-334.000.
  - Collonia, Harald, 4,495,454, Cl. 318-663.000.
  - Henry, Peter, 4,528,683, Cl. 377-24.000.
  - Hufnagel, Walter; and Kreuz, Alois, 4,507,960, Cl. 73-187.000.
  - Mann, Arnold; Ruschek, Gerhard; and Zenker, Reinhard, 4,530,326, Cl. 123-342.000.
  - Nickol, Friedrich W.; and Perthes, Harald, 4,491,391, Cl. 350-339.00R.
  - Nickol, Friedrich W.; and Baeger, Holm, 4,500,611, Cl. 428-686.000.
  - Nickol, Friedrich W., 4,511,634, Cl. 428-686.000.
  - Nickol, Friedrich W., 4,544,238, Cl. 350-336.000.
  - Nickol, Friedrich-Wilhelm, 4,559,534, Cl. 340-754.000.
  - Pfalzgraf, Manfred; and Graf, Kunibert, 4,505,357, Cl. 180-335.000.
  - Pfalzgraf, Manfred; and Probst, Kurt, 4,506,642, Cl. 123-361.000.
  - Rau, Karl, 4,510,968, Cl. 137-590.000.
  - Rau, Karl; and Haub, Martin, 4,532,491, Cl. 338-33.000.
  - Rub, Walter; and Bruggemann, Ulrich, 4,562,395, Cl. 318-696.000.
  - Ruschek, Gerhard; Wietschorke, Stephan; and Sausner, Andreas, 4,541,379, Cl. 123-339.000.
  - Sauerschell, Wolfgang; Ruschek, Gerhard; and Mann, Arnold, 4,505,151, Cl. 73-116.000.
  - Schlick, Horst; Hofert, Paul; and Caramel, Rudolf, 4,508,458, Cl. 368-76.000.
  - Twisselmann, Lorenz, 4,554,938, Cl. 137-82.000.
  - Wietschorke, Stephan; and Schlick, Horst, 4,556,028, Cl. 123-339.000.
  - Wolf, Dieter; and Muller, Joachim, 4,505,598, Cl. 368-309.000.
- VE Fleischkombinat Berlin: *See—*
  - Simon, Fritz; Korber, Klaus; Bandelow, Horst; Scherer, Michael; Wilke, Dieter; Thron, Werner; and Preuk, Gerhard, 4,554,707, Cl. 17-47.000.
- Veal, Gordon R.: *See—*
  - Hirasuna, Alan R.; and Veal, Gordon R., 4,537,406, Cl. 277-1.000.
- Veale, John P., to Western Gear Machinery Co. Pressure-compensated hydraulic positioning system. 4,490,944, 1-1-85, Cl. 51-35.000.
- Veale, John P., to Western Gear Machinery Co. Workpiece profile-following control system for conditioning grinders. 4,501,094, 2-26-85, Cl. 51-165.710.
- Veale, John R., to Manhattan Engineering Company, Inc. Servo operated digital positioning control system. 4,491,776, 1-1-85, Cl. 318-561.000.
- Veale, John R., to Manhattan Engineering Company, Inc. Low cost servo operated digital positioning system. 4,546,299, 10-8-85, Cl. 318-608.000.
- Vearil, Wayne L.: *See—*
  - Grone, Robert J.; Schnell, Leonard R.; and Vearil, Wayne L., 4,557,783, Cl. 156-257.000.
- Veaux, Jacques; and Turiot, Andre, to Messier-Hispano-Bugatti (S.A.). Shock absorber. 4,530,425, 7-23-85, Cl. 188-299.000.
- Veaux, Jacques; and Derrien, Michel, to Messier-Hispano-Bugatti (S.A.). Nose-wheel type landing gear for aircraft. 4,540,142, 9-10-85, Cl. 244-102.00R.

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- Veaux, Jacques: *See—*
  - Masclet, Jean; and Veaux, Jacques, 4,506,869, Cl. 267-64.150.
- Veazey-Menendez, Enrique: *See—*
  - Cardenas-Franco, Luis; and Veazey-Menendez, Enrique, 4,532,956, Cl. 137-340.000.
- Veazey, Richard L.: *See—*
  - Frihart, Charles R.; and Veazey, Richard L., 4,515,939, Cl. 528-339.300.
- Veazey, Sidney E. Mastless sails. 4,497,272, 2-5-85, Cl. 114-103.000.
- Veazey, Sidney E. Solar breeze power package and saucer ship. 4,553,037, 11-12-85, Cl. 290-55.000.
- VEB Arzneimittelwerk Dresden: *See—*
  - Schmidt, Hans-Jorg; Franke, Joachim; Scheffler, Reingard; Tonjes, Heinz; Kammann, Gunter; and Dietz, Gunther, 4,495,351, Cl. 544-234.000.
- VEB Forst: *See—*
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,555,424, Cl. 428-91.000.
- VEB Forster Tuchfabriken: *See—*
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,554,715, Cl. 28-107.000.
  - Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,555,425, Cl. 428-91.000.
- VEB Gaskombinat Schwarze Pumpe: *See—*
  - Girodi, Erich; Bornowski, Gunter; Dejmek, Eberhard; Knabe, Andreas; Koch, Roland; Urbach, Bernd; and Weisselberg, Arnold, 4,500,764, Cl. 219-59.100.
- VEB Hochvakuum Dresden: *See—*
  - Schiess, Wolfgang; and Thorandt, Herbert, 4,535,633, Cl. 73-706.000.
- VEB Ingenieurbuero fuer Meliorationen: *See—*
  - Nolting, Rolf; and Siniza, Bernhard, 4,515,175, Cl. 137-107.000.
- VEB Jenapharm: *See—*
  - Teubner, Herbert; Kramer, Axel; Weuffen, Wolfgang; Schrotter, Eberhard; and Grubel, Gerhard, 4,532,367, Cl. 568-745.000.
- VEB Kombinat Feinmechanische Werke Halle: *See—*
  - Roselt, Udo; Nolte, Lothar; and Pohler, Manfred, 4,514,206, Cl. 65-108.000.
- VEB Kombinat Fortschritt Landmaschinen: *See—*
  - Prellwitz, Hubert, 4,511,165, Cl. 289-8.000.
  - Raussendorf, Horst; and Raussendorf, Gerhard, 4,506,920, Cl. 289-8.000.
- VEB Kombinat Medizin-und Labortechnik Leipzig: *See—*
  - Breustedt, Alfred; Taschner, Heinz; Korf, Rainer; and Lorenz, Renate, 4,523,912, Cl. 433-202.000.
- VEB Kombinat Polygraph "Werner Lamberz" Leipzig: *See—*
  - Bottcher, Rolf; Heise, Rolf; and Praxator, Helmut, 4,527,793, Cl. 271-263.000.
  - Forster, Karl-Heinz; Schuck, Helmut; Johne, Hans; and Jentzsch, Arndt, 4,510,867, Cl. 101-365.000.
  - Hahn, Ulrich; Straube, Peter; and Koch, Michael, 4,509,425, Cl. 101-216.000.
  - Zimmermann, Hans; Pieper, Fritz; and Nagel, Hartmut, 4,530,495, Cl. 271-204.000.
- VEB Kombinat Textima: *See—*
  - Ploch, Siegfrid; Rossler, Sonja; Zeisberg, Peter; and Heilmann, Horst, 4,554,804, Cl. 66-214.000.
  - Rebske, Gunter; and Voigt, Manfred, 4,548,028, Cl. 57-124.000.
  - Rose, Wolfgang, 4,510,774, Cl. 66-75.200.
  - Schadlich, Gotthard, 4,498,254, Cl. 38-14.000.
  - Schneider, Manfred; Barth, Gerhard; Barth, Johannes; and Neubert, Wolfgang, 4,553,288, Cl. 19-113.000.
  - Seifert, Dieter; Muller, Harald; Muller, Lothar; Pestel, Karl; and Geissler, Helmut, 4,519,224, Cl. 69-30.000.
  - Vogel, Wolfgang; Trinks, Werner; Heilmann, Horst; Grenzendorfer, Dietmar; and Wolfermann, Dietmar, 4,503,688, Cl. 66-85.00A.
- VEB Leuna-Werke "Walter Ulbricht": *See—*
  - Fuchs, Wilfried; Richter, Horst; Kober, Roland; Kaufmann, Vendelin; and Muller, Christina, 4,519,997, Cl. 423-265.000.
  - Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Muller, Christina; Kober, Roland; and Renker, Wolfgang, 4,532,068, Cl. 252-188.280.
  - Fuchs, Wilfried; Richter, Horst; Kaufmann, Vendelin; Renker, Wolfgang; and Kober, Roland, 4,540,494, Cl. 210-750.000.
- VEB Schwermaschinenbau "Karl Liebknecht" Magdeburg: *See—*
  - Michel, Wolfgang; Paul, Heinz; Rummel, Andreas; Seher, Gero; Ossowski, Manfred; and Heberlein, Irmtrud, 4,533,438, Cl. 201-31.000.
- VEB Schwermaschinenbau-Kombinat "Ernst Thalmann" Magdeburg: *See—*
  - Pechau, Gerhard; Wyzgol, Ewald; and Jacob, Rudi, 4,494,427, Cl. 83-306.000.
  - Schickel, Alfred, 4,496,457, Cl. 209-223.00R.
- VEB Stahl-und Walzwerk "Wilhelm Florin": *See—*
  - Tamm, Franz; Horicke, Bernhard; Welfle, Kurt; Seidel, Michael; Tettke, Wolfgang; and Luckfiel, Karl-Heinz, 4,551,183, Cl. 148-12.00R.
- VEB Werk fur Fernsehelektronik im VEB Kombinat Mikroelektronik: *See—*
  - Demus, Dietrich; Weissflog, Wolfgang; and Kresse, Horst, 4,519,936, Cl. 252-299.630.
  - Demus, Dietrich; Vorbrodt, Hans-Matthias; Hauser, Anton; Vogel, Jorg; and Zaschke, Horst, 4,521,327, Cl. 252-299.610.
- VEB Zentrum fur Forschung und Technologie Mikroelektronik: *See—*
  - Kleinert, Michael; Moller, Rainer; and Stelzer, Horst, 4,509,456, Cl. 118-715.000.
  - Schmidt, Frank; and Tyrroff, Horst, 4,497,884, Cl. 430-5.000.
  - Wagner, Siegfried, 4,550,332, Cl. 357-38.000.
- VEB Zentrum fur Forschung und Technologie Mikroelektronik im VEB Kombinat Mikroelektronik: *See—*
  - Moeschwitzer, Albrecht, 4,507,758, Cl. 365-182.000.
- Veba-Glas AG: *See—*
  - Zurbig, Jurgen, 4,529,627, Cl. 427-255.000.
- Veba Oel Entwicklungs-Gesellschaft mbH: *See—*
  - Escher, Gert; Holighaus, Rolf; and Wenning, Hans-Peter, 4,512,873, Cl. 208-13.000.
- Veber, Daniel F.; and Freidinger, Roger M., to Merck & Co., Inc. 2(3-Amino-2-oxopyrrolidin-1-yl) acetic acid and n-acylated derivatives thereof. 4,493,934, 1-15-85, Cl. 548-550.000.
- Vecchi, Alfio: *See—*
  - Chiolle, Antonio; Vecchi, Alfio; and Credali, Lino, 4,510,185, Cl. 427-222.000.
- Vecchiarelli, Francis, to Hunter Douglas International N.V. Venetian blind assembly including tension means for imparting tension into slat supporting means. 4,552,196, 11-12-85, Cl. 160-174.000.
- Vecchietti, Vittorio; Mussini, Emilio; and Ferrari, Giorgio, to Simes. N_1-Acyl-3-amino-1,2,3,4-tetrahydroquinoline compounds active on the cardiocirculatory system. 4,507,307, 3-26-85, Cl. 514-313.000.
- Vecchietti, Vittorio; Ferrari, Giorgio; and Casagrande, Cesare, to Simes, Societa Italiana Medicinalle Sintetici. Derivatives of aminopyridinecarboxylic acids and pharmaceutical compositions containing them. 4,528,296, 7-9-85, Cl. 514-346.000.
- Vecchio, Fiore M. Automatic counterbalanced sewer valve with float closure. 4,503,881, 3-12-85, Cl. 137-425.000.
- Vecellio, Anthony M., to General Motors Corporation. Robot painting system for automobiles. 4,532,148, 7-30-85, Cl. 427-31.000.
- Vecellio, Anthony M., to General Motors Corporation. Robot painting system for automobiles. 4,539,932, 9-10-85, Cl. 118-697.000.
- Vecellio, Anthony M., to General Motors Corporation. Lightweight engine. 4,554,893, 11-26-85, Cl. 123-41.830.
- Vecellio, Bernardino, to Societa Cavi Pirelli S.p.A. Flameproof electric cable impregnated with insulating fluid. 4,491,684, 1-1-85, Cl. 174-26.00R.
- Vecellio, Bernardino, to Societa Cavi Pirelli S.p.A. Electric power cable impregnated with insulating fluid. 4,556,756, 12-3-85, Cl. 174-25.00R.
- Vecera, Guy L., Jr. Multi-functional tire testing tool. 4,526,030, 7-2-85, Cl. 73-146.800.
- Vector Corporation: *See—*
  - Yoakam, David; Campbell, Robert; and Pehkonen, Robert, 4,554,887, Cl. 118-666.000.
- Vectra International Corporation: *See—*
  - Buirley, William L.; Koopman, Donald E.; McQuain, David B.; and Reeves, William H., 4,501,503, Cl. 374-162.000.
- Veda, Inc.: *See—*
  - Buschbom, Floyd E.; and Henke, Donald L., 4,504,253, Cl. 474-114.000.
  - Buschbom, Floyd E.; and Hansen, Glen D., 4,514,978, Cl. 60-426.000.
  - Buschbom, Floyd E.; and Hansen, Glen D., 4,553,664, Cl. 198-814.000.
- Vedenpaa, Timo, to Valmet Oy. Cylinder dryer for paper machine or equivalent. 4,513,517, 4-30-85, Cl. 34-114.000.
- Vee Arc Corporation: *See—*
  - Hickman, Mark R.; and Brown, Michael M., 4,508,976, Cl. 307-270.000.
- VEECO/ai, Inc.: *See—*
  - Gault, Roger B.; and Keutzer, Larry L., 4,517,465, Cl. 250-492.200.
- Veeder, George T.: *See—*
  - Kang, Kenneth S.; and Veeder, George T., 4,535,153, Cl. 536-123.000.
- Veeder Industries Inc.: *See—*
  - Dolson, Richard G., 4,510,378, Cl. 235-50.00R.
  - Dolson, Richard G.; and Brophy, William R., 4,559,427, Cl. 200-159.00B.
  - Wells, Arthur J., 4,521,895, Cl. 377-21.000.
- Veendrick, Hendrikus J. M.; Pfennings, Leonardus C. M. G.; Raven, Johannes G.; and Nillesen, Antonius H. H. J., to U.S. Philips Corporation. Electronic device for the execution of a mathematical operation on sets of three digital variables. 4,513,388, 4-23-85, Cl. 364-736.000.
- Veenema, James, to Hammer, Howard; McFadden, George; and Veenema, James. Playing wall. 4,491,321, 1-1-85, Cl. 273-29.00A.
- Veenhof, Willem D. Scraping devices for conveyor belt and pulley drum. 4,498,577, 2-12-85, Cl. 198-499.000.
- Veerkamp, Thomas F.: *See—*
  - DeColibus, Raymond L.; van Heiningen, Jan J.; and Veerkamp, Thomas F., 4,529,816, Cl. 560-212.000.
- Veeze, Christiaan E., to Sociaal Werkvoorzieningschap Zuidwest-Veluwe. Device for marking out workpieces. 4,531,296, 7-30-85, Cl. 33-189.000.

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- van der Wal, Willem J. J.; and Geus, John W., 4,552,750, Cl. 423-656.000.

VEGA Grieshaber GmbH & Co. KG: *See—*
- Benz, Karl; and Kech, Gunter, 4,499,765, Cl. 73-290.00V.

Vega, Jose M. R.: *See—*
- Nogueira, Gustavo D.; Vega, Jose M. R.; and Nogueira, Eduardo D., 4,521,386, Cl. 423-157.000.

Vega Precision Laboratories, Inc.: *See—*
- Chisholm, John P.; and Morgan, Donald G., 4,510,499, Cl. 343-456.000.

Vegeais, Patrick; Brot, Michel; and Valet, Jean-Yves, to Societe d'Applications Generales d'Electricite et de Mecanique Sagem. Thermal printhead mounting control. 4,555,715, 11-26-85, Cl. 346-76.0PH.

Veghte, James H.: *See—*
- Lapedes, Richard W.; and Veghte, James H., 4,502,153, Cl. 2-81.000.

Vegter, Herman J.: *See—*
- Jansma, Wytze; Mars, Jan; Stoutjesdijk, Pieter G.; and Vegter, Herman J., 4,494,530, Cl. 127-69.000.

Vegyi- es Robbanoanyag Felugyelet: *See—*
- Bencz, Gyozo; Deres, Janos; and Tuti, Peter, 4,557,771, Cl. 149-14.000.

Veillard, Dominique H., to Eastman Kodak Company. Zero overhead sync in data recording. 4,493,093, 1-8-85, Cl. 375-110.000.

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Veilleux, Daniel P.: *See—*
- Rotramel, George L.; Veilleux, Daniel P.; and Allen, Joseph L., 4,511,579, Cl. 514-490.000.

Veintraub, David: *See—*
- Pack, Isak; Veintraub, David; Yarkoni, Abraham; and Merchuk, Josef, 4,543,965, Cl. 128-748.000.

Veiser, Elmar: *See—*
- Ramesohl, Hubert; Seelen, Fritz; Filges, Ralf; Schroder, Karlheinz; and Veiser, Elmar, 4,508,503, Cl. 432-109.000.

Veit, Dagmar V., to Prodes, S.A. Process for obtaining complex of 3-methoxy-N-methylmorphinan with 7-theophyllineacetic acid (1:2). 4,514,404, 4-30-85, Cl. 514-265.000.

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- Veith, Gustav G.; Schonenberger, Rolf; Thumser, Udo; and Ziegler, Georg, 4,527,484, Cl. 104-89.000.
- Zerhoch, Georg; Sauter, Josef; Kiederle, Richard; and von Stein, Gunther, 4,543,739, Cl. 38-15.000.

Veit, Werner, to Sandoz Ltd. Method for producing 1-naphthol-4-sulphonic acid. 4,540,525, 9-10-85, Cl. 260-512.00C.

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Veith Pirelli, A.G.: *See—*
- Hahn, Ralf, 4,502,256, Cl. 52-63.000.

Veith, Richard: *See—*
- Riha, Gerd; and Veith, Richard, 4,521,751, Cl. 333-151.000.

Veitscher Magnesitwerke-actien-Gesellschaft: *See—*
- Karl, Otto, 4,540,039, Cl. 165-9.400.

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- Eaton, Homer L., 4,531,992, Cl. 156-152.000.

Velasco Scale Company: *See—*
- Reeves, Robert H., Jr.; Chandler, Don G.; and Jorgensen, H. A., 4,494,583, Cl. 141-83.000.

Velasquez, Juan F., to VSP Labs, Inc. Clock signal synchronization apparatus and method for decoding self-clocking encoded data. 4,520,408, 5-28-85, Cl. 360-51.000.

Velazquez, Juan F., to Irwin Magnetic Systems, Inc. Method and apparatus for normalizing servo-positioning signals. 4,498,129, 2-5-85, Cl. 364-174.000.

Velcro Espanola, S.A.: *See—*
- Viscasillas, Fernando, 4,546,879, Cl. 206-391.000.

Velebil, Gerhard: *See—*
- Breuer, Hans; Rindelaub, Frank; and Velebil, Gerhard, 4,504,394, Cl. 210-632.000.

Velez, Emilio S.: *See—*
- Burks, William M., Jr.; Doane, Elliott P.; Campbell, Ramsey G.; and Velez, Emilio S., 4,533,473, Cl. 210-754.000.

Vella, John, Jr.: *See—*
- McHenry, Robert J.; Pfutzenreuter, Henry, III; Tung, Thomas T.; and Vella, John, Jr., 4,554,190, Cl. 428-35.000.

Vella, John C. Shelter frame couplings. 4,505,609, 3-19-85, Cl. 403-91.000.

Vella, Paul J.; Garel-Jones, Philip M.; and Lowe, Richard S., to Northern Telecom Limited. Measuring chromatic dispersion of fibers. 4,551,019, 11-5-85, Cl. 356-73.100.

Vella, Paul L., to Ziegler, Thomas K.; and Lucas, David J. Chest for storing, cooling and dispensing comestibles. 4,510,770, 4-16-85, Cl. 62-464.000.

Velling, Gunther; Schrader, Lothar; and Schumacher, Hermann, to Rheinische Braunkohlenwerke AG. Reactor for the gasification of solid carbonaceous materials. 4,518,567, 5-21-85, Cl. 422-143.000.

Vellini, Massimiliano, to Rorer Italiana, S.p.A. Polysaccharide having antiinflammatory and platelet antiaggregation activity. 4,507,286, 3-26-85, Cl. 514-23.000.

Velnosky, Thomas E.; and Watts, Raymond E., to Inspiron Corporation. Humidifier and heater. 4,529,867, 7-16-85, Cl. 219-274.000.

Velsher, Benne, to Northern Telecom Limited. Test contact resistance of dry circuit contacts. 4,491,797, 1-1-85, Cl. 324-421.000.

Velsher, Benne; Hvezda, Jaroslav M.; and Middlehurst, Richard J., to Northern Telecom Limited. High density low profile multiple contact connector. 4,527,848, 7-9-85, Cl. 339-17.00M.

Velsher, Benne; Hvezda, Jaroslav M.; and Middlehurst, Richard J., to Northern Telecom Limited. High density low profile multiple contact connector. 4,530,554, 7-23-85, Cl. 339-17.00M.

Velsicol Chemical Corporation: *See—*
- Luteri, George F.; Stach, Leonard J.; and Nickell, Louis G., 4,546,196, Cl. 560-65.000.
- Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., 4,540,431, Cl. 71-107.000.
- Nickell, Louis G.; Stach, Leonard J.; and Luteri, George F., 4,545,813, Cl. 71-107.000.
- Stach, Leonard J., 4,491,469, Cl. 71-121.000.
- Stach, Leonard J., 4,536,210, Cl. 71-118.000.

Veltak H/F: *See—*
- Einarsson, Gudbjartur, 4,538,327, Cl. 17-53.000.

Velten & Pulver, Inc.: *See—*
- Euverard, Maynard R.; Diver, James J.; and Schneider, Thomas C., 4,522,292, Cl. 198-374.000.

Veltkamp, John H.: *See—*
- Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., 4,524,941, Cl. 248-544.000.

Veltri, Douglas F. Dispensing cap. 4,523,694, 6-18-85, Cl. 221-265.000.

Veltri, Richard D.; Galasso, Francis S.; and Mendelson, Mel I., to United Technologies Corporation. Manufacture of hollow CVD silicon nitride articles. 4,500,483, 2-19-85, Cl. 264-81.000.

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Veltri, Robert W., to National Foundation for Cancer Research, Inc. 2-Furylbutyrolactone modulation of the immune system in mammals. 4,518,611, 5-21-85, Cl. 514-470.000.

Vem De Tapas Metalicas, S.A.: *See—*
- Prades, Jose F., 4,527,705, Cl. 215-252.000.

Venable, Edward R., to AT&T Technologies, Inc. Lightguide preform chuck. 4,516,787, 5-14-85, Cl. 279-1.0SG.

Venable, Glen J.: *See—*
- O'Dea, James D.; and Venable, Glen J., 4,541,827, Cl. 493-309.000.

Venable, Thomas L.; Robinson, Geoffrey C.; and Loeslein, Raymond D., to Spectrum Control, Inc. RF Filter connector. 4,516,815, 5-14-85, Cl. 339-14.00R.

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- Venables, Herbert J., III; and Venables, Herbert J., IV, 4,542,568, Cl. 29-157.3AH.

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- Venables, Herbert J., III; and Venables, Herbert J., IV, 4,542,568, Cl. 29-157.3AH.

Venables Machine and Tool Company, The: *See—*
- Venables, Herbert J., III, 4,532,788, Cl. 72-186.000.

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- Forbes, Mel L.; and Venaleck, John T., 4,557,540, Cl. 339-17.0CF.

Venardos, Dean G.; and Grieves, Colin G., to Standard Oil Company (Indiana); and Gulf Oil Corporation. Oil shale retorting and retort water purification process. 4,495,056, 1-22-85, Cl. 208-11.00R.

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- Cerrato, Vincent J., 4,516,698, Cl. 222-341.000.
- Hines, James H., 4,538,746, Cl. 222-153.000.

Venditti, Arthur P. Spelling game. 4,526,371, 7-2-85, Cl. 273-148.00R.

Venditti, Michael P.: *See—*
- Yeboah, Yaw D.; and Venditti, Michael P., 4,497,942, Cl. 528-12.000.

Venditto, Joseph G., Jr.: *See—*
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Venema, Harry J., to Borg-Warner Corporation. Torque measurement circuit and method. 4,550,595, 11-5-85, Cl. 73-116.000.

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- Parker, Tony E.; and Veneski, Gerard A., 4,556,938, Cl. 364-200.000.

Venetz, Louis M. Animal trap holder. 4,517,762, 5-21-85, Cl. 43-96.000.

Veneziale, Lee E., to Westvaco Corporation. Longitudinal tenderizing of veneer. 4,558,725, 12-17-85, Cl. 144-362.000.

Veneziani, Carlo: *See—*
- Carenzi, Angelo; Chiarino, Dario; Della Bella, Davide; Frigeni, Viviana; and Veneziani, Carlo, 4,560,696, Cl. 514-397.000.

Veneziano, Marcello, to Ford Motor Company. Method and apparatus for deriving fuel consumption data from a hydraulically driven fuel injector. 4,553,207, 11-12-85, Cl. 364-431.010.

- Venier, Clifford G.: *See—*
  - Aida, Tetsuo; Squires, Thomas G.; and Venier, Clifford G., 4,497,636, Cl. 44-15.00R.
- Venkat, Chaya; and Walsh, Dennis E., to Mobil Oil Corporation. Increasing the cetane number of diesel fuel by partial oxidation. 4,494,961, 1-22-85, Cl. 44-57.000.
- Venkat, Chaya; and Walsh, Dennis E., to Mobil Oil Corporation. Measurement of ignition characteristics of distillate fuels. 4,549,815, 10-29-85, Cl. 374-8.000.
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- Venkatesan, Srinivasan: *See—*
  - Sapru, Krishna; Hong, Kuochih; Fetcenko, Michael A.; and Venkatesan, Srinivasan, 4,551,400, Cl. 429-94.000.
- Venkatesan, Thirumalai N. C., to AT&T Bell Laboratories. Optical bistable device. 4,518,934, 5-21-85, Cl. 332-7.510.
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  - Forrest, Stephen R.; Kaplan, Martin L.; Schmidt, Paul H.; and Venkatesan, Thirumalai N. C., 4,511,445, Cl. 204-158.0HE.
- Venkatesan, Valadi N., to Mobil Oil Corporation. Oil recovery process employing CO_2 produced in situ. 4,523,642, 6-18-85, Cl. 166-272.000.
- Venkatesh, Mandyam C.; Peinado, Charles O.; and Koutz, Stanley L., to United States of America, Energy. Gas-cooled nuclear reactor. 4,554,129, 11-19-85, Cl. 376-298.000.
- Venkateswaran, Kalyanasundaram, to Fairchild Research Center. Redundant rows in integrated circuit memories. 4,538,247, 8-27-85, Cl. 365-230.000.
- Venkateswaran, Viswanathan: *See—*
  - Kim, Jonathan J.; and Venkateswaran, Viswanathan, 4,559,312, Cl. 501-1.000.
- Venning, Scott; and Christian, Anthony. Exhaust diffusion apparatus. 4,541,506, 9-17-85, Cl. 181-254.000.
- Ventavoli, Roger: *See—*
  - Couche, Leon; Lacourt, Daniel; and Ventavoli, Roger, 4,551,886, Cl. 17-75.000.
- Ventilator Associates: *See—*
  - Kelly, Timothy A.; and Turbyfill, Rueben M., 4,519,645, Cl. 296-224.000.
  - Kelly, Timothy A.; and Turbyfill, Rueben M., 4,522,115, Cl. 98-2.140.
- Ventilatorenfabrik Oelde GmbH: *See—*
  - Kreft, Rolf H., 4,504,288, Cl. 55-302.000.
- Ventimiglia di Monteforte, Francesco. Rigid thermoinsulating movable covering for greenhouses and the like. 4,555,865, 12-3-85, Cl. 47-17.000.
- Ventimiglia, Joseph J.; and Diener, Lawrence R., to Sinclair & Rush, Inc. Beverage insulator with advertising panel. 4,534,391, 8-13-85, Cl. 150-52.00R.
- Ventura, Frank D.: *See—*
  - Selvage, Craig C.; and Ventura, Frank D., 4,551,110, Cl. 446-118.000.
- Ventura, Robert M. Wrench assembly for use with mine wall support bolts. 4,530,261, 7-23-85, Cl. 81-177.0UJ.
- Venture Chemicals, Inc.: *See—*
  - Cowan, Jack C., 4,505,750, Cl. 106-38.350.
  - Cowan, Jack C., 4,531,594, Cl. 175-72.000.
- Venture Innovations, Inc.: *See—*
  - Lauzon, Rodrigue V., 4,507,210, Cl. 252-8.50A.
- Venture Packaging, Inc.: *See—*
  - Baines, Patrick A., 4,539,705, Cl. 383-8.000.
- Venture Tape Corp.: *See—*
  - Cohen, Lewis, 4,503,114, Cl. 428-247.000.
- Venturello, Carlo; and Ricci, Marco, to Montedison S.p.A. Process for the preparation of carboxylic acids starting from olefines or vicinal dihydroxy compounds. 4,532,079, 7-30-85, Cl. 260-413.000.
- Venturello, Carlo; and Ricci, Marco, to Montedison S.p.A. Process for the preparation of carboxylic acids starting from vicinal water-soluble diols. 4,550,196, 10-29-85, Cl. 562-418.000.
- Venturello, Carlo; D'Aloisio, Rino; and Ricci, Marco, to Montedison S.p.A. Peroxide composition based on tungsten and phosphorus or arsenic and processes and uses relative thereto. 4,562,276, 12-31-85, Cl. 556-20.000.
- Venturello, Carlo; and Gambaro, Mario, to Montedison S.p.A. Process for the preparation of vicinal diols soluble in water. 4,562,299, 12-31-85, Cl. 568-811.000.
- Ventures Research & Development Group: *See—*
  - Korman, Nathaniel I., 4,525,736, Cl. 358-28.000.
- Venturini, Andrea, deceased (by Venturini, Antonio, Silvana Venturini nee Salea, Rossella Venturini, heirs), to SO. CO. EN. s.r.l. Combustion catalyzing system for commercial grade fuels. 4,538,981, 9-3-85, Cl. 431-190.000.
- Venturini, Antonio, Silvana Venturini nee Salea, Rossella Venturini, heirs: *See—*
  - Venturini, Andrea, deceased, 4,538,981, Cl. 431-190.000.
- Venus Scientific Inc.: *See—*
  - Gallios, George C., 4,509,108, Cl. 363-45.000
  - Sandler, Steven M., 4,541,039, Cl. 363-21.000
- Venuti, Michael C.: *See—*
  - Jones, Gordon H.; Venuti, Michael C.; Alvarez, Robert; and Bruno, John J., 4,551,459, Cl. 514-267.000.
- Vepa Aktiengesellschaft: *See—*
  - Fleissner, Heinz, 4,520,637, Cl. 68-5.00D.
  - Fleissner, Heinz, 4,524,589, Cl. 68-5.00D.
- Vera, Samuel I.: *See—*
  - Gilbert, Clark J.; Hassialis, Menelaos D.; Scrymgeour, Andrew H.; and Vera, Samuel I., 4,512,610, Cl. 299-13.000.
- Verachtert, Thomas A., to UOP Inc. Countercurrent liquid-liquid contacting apparatus. 4,491,565, 1-1-85, Cl. 422-256.000.
- Veracini, Serge. Process for the preparation of phenates substituted by halogen groups or of the corresponding phenols. 4,504,689, 3-12-85, Cl. 568-778.000.
- Veragen, Rene, to Sagem. Sequential pneumatic control device, supplied with electric energy. 4,516,567, 5-14-85, Cl. 128-1.00D.
- Verbanac, Frank, to A. E. Staley Manufacturing Company. Cellulosic organic solvent soluble products. 4,557,951, 12-10-85, Cl. 527-312.000.
- Verbatim Corporation: *See—*
  - Berwick, James D.; and Lam, Kyle T., 4,504,871, Cl. 360-31.000.
  - Bond, Charles R., 4,562,494, Cl. 360-75.000.
  - Bond, Charles R.; and Sturtevant-Stuart, Ronald M., 4,562,495, Cl. 360-78.000.
  - Carey, Kevin J.; and Hanlon, Brian, 4,491,884, Cl. 360-75.000.
  - Gephart, Russell L., 4,557,604, Cl. 356-432.000.
  - Grimm, M. Andreas; and Brock, George W., 4,554,217, Cl. 428-469.000.
  - Hanlon, Brian, 4,491,881, Cl. 360-31.000.
  - Hodges, Brian A., 4,549,240, Cl. 360-133.000.
  - Martinelli, Lawrence G., 4,539,220, Cl. 427-44.000.
  - Mroz, Edward, 4,562,505, Cl. 360-135.000.
  - Street, Jeffrey B., 4,516,176, Cl. 360-75.000.
- Verbeek, Robert J. M.: *See—*
  - Hollaar, Leendert J.; Zoetman, Herman; and Verbeek, Robert J. M., 4,538,110, Cl. 328-63.000.
- Verber, Carl M., to Battelle Development Corporation. Apparatus for evaluating a polynomial function using an array of optical modules. 4,544,229, 10-1-85, Cl. 350-96.140.
- Verber, Carl M.: *See—*
  - Kenan, Richard P.; and Verber, Carl M., 4,561,728, Cl. 350-356.000.
- Verberckt, Roger: *See—*
  - Van Deyck, Frans; Weiss, Franz-Josef; Verberckt, Roger; Thomas, Erwin; Mangelschots, Benedikt; and Pijl, Paul, 4,507,271, Cl. 423-387.000.
- Verbicky, John W., Jr.; and O'Neil, Elbridge A., Jr., to General Electric Company. Bis-quaternary salts as phase transfer catalysts for aromatic ether imide preparation. 4,554,357, 11-19-85, Cl. 548-461.000.
- Verboom, Pieter, to IHC Holland N.V. Apparatus for removing oil from water. 4,557,832, 12-10-85, Cl. 210-242.300.
- Verbos, Stephen P., to Dresser Industries, Inc. Hoist or the like. 4,509,620, 4-9-85, Cl. 188-171.000.
- Verbrugge, Calvin J., to S. C. Johnson & Son, Inc. Aromatic monovinyl alkenyl alphaolefin anhydride terpolymers. 4,522,992, 6-11-85, Cl. 526-272.000.
- Verbrugge, Pieter A., to Shell Oil Company. Esters of 1,5-dimethyl bicyclo [3.2.1] octan-8-ol. 4,554,109, 11-19-85, Cl. 260-457.000.
- Vercaemer, Claude: *See—*
  - Daccord, Gerard; Lemanczyk, Richard; and Vercaemer, Claude, 4,507,213, Cl. 252-8.55R.
- Vercaemer, Claude J.: *See—*
  - Parcevaux, Philippe A.; Piot, Bernard M.; and Vercaemer, Claude J., 4,537,918, Cl. 523-130.000.
- Vercesi, Arturo; and Marzocca, Francesco, to Honeywell Information Systems Italia. Keyboard coding apparatus. 4,502,039, 2-26-85, Cl. 340-365.00S.
- Vercillo, Alfredo J.; and Kuehn, Arthur, to General Binding Corporation. Automatic reversing system for shredder. 4,495,456, 1-22-85, Cl. 318-755.000.
- Vercillo, Peter A.: *See—*
  - Kapolas, William J.; Vercillo, Peter A.; Dowling, Daniel; Beatovic, George S.; Clifton, Oscar N.; Gatz, Ronald; Harford, Eugene W.; Wilczenski, Chester; Dobbs, John; Kowalczyk, Ronald; Owen, Derek G.; and Banich, John N., 4,533,059, Cl. 215-230.000.
- Vercon Inc.: *See—*
  - MacLaughlin, Donald N.; and Fortuna, Vincent E., 4,514,242, Cl. 156-73.500.
  - MacLaughlin, Donald N.; and Fortuna, Vincent E., 4,515,651, Cl. 156-423.000.
  - McCormick, Dennis J., 4,556,445, Cl. 156-423.000.
  - Peterson, Bertel R.; and Fortuna, Vincent E., 4,560,064, Cl. 206-159.000.
- Vercruysse, Oscar D., to General Motors Corporation. Die engaging block for a die change truck. 4,514,133, 4-30-85, Cl. 414-512.000.
- Verdal Maskinverksted A/S: *See—*
  - Ekman, Heinz, 4,493,366, Cl. 165-54.000.
- Verdenne, Jean, to Societe Nouvelle Terseram-Megras. Small size stamping device. 4,530,281, 7-23-85, Cl. 101-104.000.
- Verdenne, Serge; Brocard, Didier; Hardouin, Pierre; and Lameyre, Felix, to La Telemecanique Electrique. Device for fixing by screwing onto a channel section and the combination of a channel section and such a device. 4,545,697, 10-8-85, Cl. 403-230.000.
- Verderico, Joseph P.: *See—*
  - Beres, Arthur W.; and Verderico, Joseph P., 4,508,497, Cl. 425-28.00R.

- Verdi, Guido, to BAMA, SpA. Device for the insertion of small blocking strips or ribbons for multiple sheet material. 4,525,236, 6-25-85, Cl. 156-517.000.
- Verdicchio, Robert J.: *See—*
  - Guth, Jacob J.; and Verdicchio, Robert J., 4,511,513, Cl. 260-404.500.
- Verdier, Jean-Michel: *See—*
  - Grosbois, Jean; Jacubert, Serge; and Verdier, Jean-Michel, 4,499,063, Cl. 423-347.000.
- Verdini, Antonio S.: *See—*
  - Pinori, Massimo; and Verdini, Antonio S., 4,560,505, Cl. 260-112.50R.
  - Sisto, Alessandro; Verdini, Antonio S.; and Virdia, Antonino, 4,522,752, Cl. 260-112.50R.
- Verdonck, Omer F.: *See—*
  - De Boodt, Marcel F. L. P.; and Verdonck, Omer F., 4,494,975, Cl. 71-25.000.
- Verducci, Henry A. Hair comb with detachable ornament. 4,522,215, 6-11-85, Cl. 132-11.00R.
- Verduin, Lee C.; and St. Clair, Michael J., to Rowe International, Inc. Control system for cold drink merchandising machine. 4,537,336, 8-27-85, Cl. 222-641.000.
- Vere, Bernard; Biryoukoff, Maura; and Mathevon, Paul, to Cogema and Framatome. Process and apparatus for assembling the strips of a grille. 4,530,146, 7-23-85, Cl. 29-468.000.
- Vereczkey, Endre: *See—*
  - Takacs, Istvan; Kerey, Gyorgy; Rudolf, Peter; Illes, Janos; Szabo, Bela; Vereczkey, Endre; Banos, Zoltan; Bosits, Gyula; and Czebe, Laszlo, 4,539,111, Cl. 210-179.000.
- Vereczkey, Laszlo: *See—*
  - Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
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- Vereecke, Frank J., to Midland-Ross Corporation. Control system for oxygen enriched air burner. 4,547,150, 10-15-85, Cl. 432-12.000.
- Vereecke, Paul: *See—*
  - Blackwell, James B.; Marks, Gerald C.; and Vereecke, Paul, 4,501,794, Cl. 428-316.600.
- Vereen, William J. Automated tracking process for manufacturing and inventory. 4,509,123, 4-2-85, Cl. 364-300.000.
- Vereinigte Aluminium-Werke Aktiengesellschaft: *See—*
  - Schultze, Werner; and Weber, Knut, Jr., 4,547,415, Cl. 428-36.000.
- Vereinigte Deutsche Metallwerke AG: *See—*
  - Althoff, Heinz J., 4,501,627, Cl. 148-437.000.
  - Althoff, Heinz J., 4,502,900, Cl. 148-440.000.
- Vereinigte Drahtwerke AG: *See—*
  - Brunner, Paul; and Hofer, Beat, 4,511,411, Cl. 148-20.300.
- Vereinigte Edelstahlwerke AG (VEW): *See—*
  - Kern, Hans; and Haslberger, Richard, 4,554,939, Cl. 137-99.000.
  - Kos, Bernd, 4,512,804, Cl. 75-123.00N.
  - Kos, Bernd, 4,531,974, Cl. 75-123.[illegible]N.
  - Schreier, Kurt; Bartsch, Karl; Knoll, Helmut; and Tomazic, Gerd, 4,554,041, Cl. 156-276.000.
  - Vadasz, Amnon F., 4,513,778, Cl. 137-533.110.
- Vereinigte Edelstahlwerke Aktiengesellschaft: *See—*
  - Schubert, Hermann; Ahrens, Max; and Haissig, Manfred, 4,532,977, Cl. 164-442.000.
- Vereinigte Flugtechnische Werke GmbH: *See—*
  - Balaskas, Spyros, 4,509,407, Cl. 91-466.000.
  - Balaskas, Spyros, 4,510,973, Cl. 137-625.640.
  - Eickhorst, Helmut, 4,491,306, Cl. 269-21.000.
  - Engel, Hinrich, 4,493,470, Cl. 248-503.100.
  - Koch, Eckhard; Vogg, Gunter; and Soller, Jochen, 4,557,648, Cl. 410-78.000.
  - Schmidtlein, Hubertus; and Lerche, Horst-Dieter, 4,514,733, Cl. 343-5.0MM.
  - Seidenfaden, Heinz, 4,504,178, Cl. 409-138.000.
- Vereinigte Kesselwerke AG: *See—*
  - Temelli, Sedat, 4,538,529, Cl. 110-244.000.
- Vereinigte Metallwerke Ranshofen-Berndorf AG: *See—*
  - Marr, Rolf; Bart, Hans-Jorg; and Wachter, Reinhard, 4,503,015, Cl. 423-24.000.
- Vereschagin, Igor P.: *See—*
  - Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.
- Vereschaka, Anatoly S.: *See—*
  - Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.
- Verex Laboratories, Inc.: *See—*
  - Dunn, James M., 4,520,009, Cl. 424-78.000.
  - Dunn, James M., 4,521,401, Cl. 424-19.000.
  - Dunn, James M., 4,521,402, Cl. 424-19.000.
  - Dunn, James M., 4,522,804, Cl. 424-19.000.
  - Dunn, James M.; and Haas, Ronald T., 4,525,345, Cl. 424-22.000.
- Verfaillie, Guido A. M.; and Breynaert, Dirk, to International Standard Electric Corporation. Demodulator circuit with integrated automatic gain control. 4,542,147, 9-17-85, Cl. 329-124.000.
- Verga, Giuseppe: *See—*
  - Sisti, Giorgio; and Verga, Giuseppe, 4,508,685, Cl. 422-54.000.
- Vergason, Gary E.: *See—*
  - Bergman, Clark; Vergason, Gary E.; Allen, William; and Reed, Michael F., 4,556,471, Cl. 204-298.000.
- Vergnes, Jean-Claude: *See—*
  - Francois, Yves-Marie M. R.; and Vergnes, Jean-Claude, 4,503,670, Cl. 60-39.281.
- Verhagen, Laurentius A. M.: *See—*
  - Kirton, Douglas C.; MacNeill, Avril B.; and Verhagen, Laurentius A. M., 4,536,411, Cl. 426-603.000.
- Verhecken, Andre: *See—*
  - Van de Sande, Christian C.; Verhecken, Andre; and Janssens, Wilhelmus, 4,537,853, Cl. 430-218.000.
- Verheyden, Julien P. H.; and Martin, John C., to Syntex (U.S.A.) Inc. 9-(1,3-Dihydroxy-2-propoxymethyl)guanine as antiviral agent. 4,507,305, 3-26-85, Cl. 514-262.000.
- Verheyden, Julien P. H.; and Martin, John C., to Syntex (U.S.A.) Inc. Substituted 9-(1-0- or 3-0-monosubstituted or 1,3-Di-0-substituted propoxymethyl)-purines as antiviral agents. 4,556,659, 12-3-85, Cl. 514-262.000.
- Verhoeve, Cornelis W.; and Weterings, Cornelis A. M., to Stamicarbon B.V. Process for the chemical removal of phosphorus compounds from waste water. 4,507,207, 3-26-85, Cl. 210-714.000.
- Verhoeven, Herman K. M.: *See—*
  - Lambrechts, Eric G. Y.; Verhoeven, Herman K. M.; and Claes, Constant J. P., 4,518,160, Cl. 271-214.000.
- Verhoeven, John D.; Gibson, Edwin D.; Finnemore, Douglas K.; Ostenson, Jerome E.; Schmidt, Frederick A.; and Owen, Charles V., to United States of America, Energy. Method of preparing composite superconducting wire. 4,532,703, 8-6-85, Cl. 29-599.000.
- Verhoeven, Leonardus A. J., to U.S. Philips Corporation. Method of a device for generating differential images. 4,491,866, 1-1-85, Cl. 358-111.000.
- Verhoeven, Leonardus A. J.; Scheltema, Otto E.; and Carels, Walter E., to U.S. Philips Corporation. Method of and device for X-ray processing. 4,507,681, 3-26-85, Cl. 358-111.000.
- Verhoeven, Leonardus A. J., to U.S. Philips Corporation. X-ray examination apparatus. 4,543,605, 9-24-85, Cl. 358-111.000.
- Verhulst, Michael J.: *See—*
  - Vogt, James L.; and Verhulst, Michael J., 4,531,027, Cl. 200-6.00A.
- Verjux, Jean, to Decoufle S.A.R.L. Cutting guide for cigarette making machines. 4,537,205, 8-27-85, Cl. 131-280.000.
- Verkler, Charles E., to International Food Equipment Inc. Frozen dessert mixer. 4,548,508, 10-22-85, Cl. 366-195.000.
- Verktygsingustri I Blidsberg Aktiebolag: *See—*
  - Andersson, Kari Erik E., 4,517,879, Cl. 92-136.000.
- Verla-Pharm, Arzneimittelfabrik, Apotheker H.J.v. Ehrlich GmbH & Co. KG: *See—*
  - Helbig, Joachim; and Schmidbaur, Hubert, 4,546,195, Cl. 556-50.000.
- Verlemann, Manfred: *See—*
  - Helbig, Helmut; and Verlemann, Manfred, 4,502,228, Cl. 34-47.000.
- Verley, Donald, to McCann's Engineering and Manufacturing Company. Combination lock for multiple faucets. 4,496,079, 1-29-85, Cl. 222-129.100.
- Verma, Manoranjan P. High voltage insulator assemblage having specially-chosen series resistance. 4,524,404, 6-18-85, Cl. 361-132.000.
- Verma, Surendra K.; and Kim, George A., to RCA Corporation. Silicon oxide lapping coatings. 4,514,192, 4-30-85, Cl. 51-295.000.
- Vermaas, Leo F.: *See—*
  - Schmidt, Werner J.; Dijkshoorn, Willem; Stratmann, Wilhelm; and Vermaas, Leo F., 4,510,167, Cl. 426-607.000.
- Vermande, Paul, to Centre National d'Etudes Spatiales. Imaging device, especially for producing images of the earth from a satellite. 4,509,857, 4-9-85, Cl. 356-346.000.
- Vermeer, Dick C.: *See—*
  - Aberle, Leonard J.; Kim, Dong W.; Lees, Robert; Vermeer, Dick C.; Wohnig, Ernest W.; and Yates, Samuel L., 4,519,116, Cl. 28-257.000.
- VerMehren, H. Richard. Method of affixing envelopes and letterheads to a carrier sheet and assembly formed thereby. 4,514,182, 4-30-85, Cl. 493-216.000.
- Vermeire, Daniel: *See—*
  - Gervais, Alain; Vermeire, Daniel; Cerf, Olivier; and Toux, Jacques, 4,535,621, Cl. 73-59.000.
- Vermeiren, Karel N.; and Dolfsma, Hendrik, to SKF Industrial Trading & Development Company B.V. Measuring system for measuring the variation of the capacitive impedance of a bearing installed in a housing. 4,511,837, 4-16-85, Cl. 324-61.00R.
- Vermersch, Marc: *See—*
  - Oneto, Francis E. J.; and Vermersch, Marc, 4,540,567, Cl. 424-45.000.
- Vermes, Geza: *See—*
  - Beer, Janos M.; Dilmore, James A.; Vermes, Geza; and Young, William E., 4,539,918, Cl. 110-266.000.
- Vermeulen, Johannes C.: *See—*
  - Cruz, Claude A.; and Vermeulen, Johannes C., 4,525,641, Cl. 307-465.000.
- Vermeylen, Guido C.: *See—*
  - Felix, Noel F.; and Vermeylen, Guido C., 4,526,768, Cl. 423-531.000.
- Vermilyea, Mark E., to General Electric Company. Winding support and method for NMR magnet axisymmetric correction coils. 4,500,860, 2-19-85, Cl. 335-216.000.

- Vermilyea, Mark E., to General Electric Company. Axisymmetric correction coil system for NMR magnets. 4,506,247, 3-19-85, Cl. 335-216.000.
- Vermilyea, Mark E., to General Electric Company. Correction coil assembly for NMR magnets. 4,509,030, 4-2-85, Cl. 335-216.000.
- Vermont Castings, Inc.: *See—*
  - Ferguson, Robert W.; Andors, Derik K.; and Crossman, William W., Jr., 4,510,918, Cl. 126-79.000.
  - Syme, Duncan C., 4,499,889, Cl. 126-75.000.
- Vermont Toy Works, Inc.: *See—*
  - Winer, Gordon E., 4,494,756, Cl. 273-156.000.
- Vernay Laboratories, Inc.: *See—*
  - Atkinson, Gordon E.; and Kubina, Stephen J., 4,535,819, Cl. 137-846.000.
  - Boehmer, Dennis A., 4,525,910, Cl. 29-156.70R.
  - Duncan, Richard K.; and Russell, Norton A., 4,535,818, Cl. 137-846.000.
- Verne, Stefan, to BICC Public Limited Company. Telecommunication cable filling composition. 4,551,569, 11-5-85, Cl. 585-6.600.
- Verner, Bo L.; and Fors, Lars B. S., to Atlas Copco Aktiebolag. Device for increasing the oxygen concentration in a subsurface stratum of a thermally stratified body of water. 4,549,997, 10-29-85, Cl. 261-77.000.
- Vernet, Borje, to Alfa-Laval AB. Process for manufacture of meat meal and fat from an animal raw material. 4,532,144, 7-30-85, Cl. 426-643.000.
- Vernet, Gilles: *See—*
  - Foulard, Jean; Rimbert, Jean-Francis; Vernet, Gilles; and Goursat, Albert-Gilbert, 4,518,421, Cl. 75-49.000.
  - Goursat, Albert-Gilbert; Vernet, Gilles; Rimbert, Jean-Francis; Foulard, Jean; Darle, Thierry; and Bigot, Jean, 4,521,244, Cl. 75-0.50B.
- Verney, Darrel E. Lifesaving ring. 4,549,871, 10-29-85, Cl. 441-81.000.
- Vernick, Barry H.: *See—*
  - Gajewski, Henry M.; Vernick, Barry H.; Measells, Paul E.; and Garber, Jan W., 4,507,387, Cl. 435-2.000.
- Vernicolor AG: *See—*
  - Widmer, Hans R.; and Schmid, Christian, 4,549,000, Cl. 525-482.000.
- Vernier, Claude: *See—*
  - Blanie, Paul; and Vernier, Claude, 4,551,341, Cl. 426-489.000.
- Vernino, Raymond. Microphone pickup for musical instruments. 4,495,641, 1-22-85, Cl. 381-91.000.
- Vernitron Corporation: *See—*
  - Kuelzow, Christopher J.; Kackos, Edward M.; and Murray, Francis J., 4,497,773, Cl. 422-26.000.
  - North, Howard L., Jr., 4,543,748, Cl. 49-395.000.
- Vernocchi, Vittorio: *See—*
  - Ravinale, Stefano; and Vernocchi, Vittorio, 4,548,518, Cl. 384-490.000.
- Vernois, Michel; and Duboeuf, Jean-Paul, to Arjomari-Prioux. Cellulosic materials rendered transparent. 4,513,056, 4-23-85, Cl. 428-264.000.
- Vernon, Caroline L.; and Stanek, Earl A., to Minnesota Mining and Manufacturing Company. Pressure sensitive adhesive transfer tape containing organic filaments. 4,557,960, 12-10-85, Cl. 428-40.000.
- Vernon-Carus Limited: *See—*
  - Carus, Edmund H.; and White, Eric F. T., 4,517,793, Cl. 57-243.000.
- Vernon, John S.: *See—*
  - Bangay, Alan J.; Cole, Adrian; and Vernon, John S., 4,557,894, Cl. 419-67.000.
- Ver Nooy, Burton, to T. D. Williamson, Inc. Methods and apparatus for indicating selected physical parameters in a pipeline. 4,522,063, 6-11-85, Cl. 73-579.000.
- Veron, Jean L. B.: *See—*
  - Tayot, Jean L.; and Veron, Jean L. B., 4,543,209, Cl. 260-112.00B.
- Veronese, Giuseppe: *See—*
  - Guerriero, Renato; Veronese, Giuseppe; Baradel, Agostino; and Rivola, Luigi, 4,547,346, Cl. 423-87.000.
- Veronesi, Luciano; and Sherwood, Donald G., to Westinghouse Electric Corp. Hydraulic drive mechanism. 4,550,941, 11-5-85, Cl. 294-86.400.
- Veronesi, Luciano: *See—*
  - Gjertsen, Robert K.; and Veronesi, Luciano, 4,534,933, Cl. 376-364.000.
- Veropa Dkfm. Peter Vogt KG: *See—*
  - Vogt, Peter; and Hoffelner, Volkwin, 4,527,742, Cl. 239-391.000.
- Verosol USA Inc.: *See—*
  - Judkins, Ren S., 4,518,025, Cl. 160-84.00R.
  - Judkins, Ren S., 4,557,309, Cl. 160-84.00R.
- Ver Planck, H. T.: *See—*
  - Botterman, D. L.; Wolff, N. A.; and Ver Planck, H. T., 4,498,420, Cl. 119-15.000.
- VerPlanck, James A., to Aeroquip Corporation. Socketing machine hose pull. 4,535,521, 8-20-85, Cl. 29-235.000.
- Verrando, Marcel G., III: *See—*
  - Cordes, Harry D.; Haberer, Thomas G.; and Verrando, Marcel G., III, 4,525,183, Cl. 55-179.000.
- Verri, Vittorio; and Christiani, Renato, to Comber S.p.A. Costruzioni Meccaniche Bergamasche. Pressure filter with a tubular, flexible filter element which can be turned inside out. 4,533,472, 8-6-85, Cl. 210-350.000.
- Verry, Philippe, to Alsthom-Atlantique. Erosion of a solid surface with a cavitating liquid jet. 4,497,664, 2-5-85, Cl. 134-22.120.
- Versabar, Inc.: *See—*
  - Khachaturian, Jon E.; and Charles, Joseph P., 4,538,849, Cl. 294-81.100.
- Versace, Richard W.: *See—*
  - Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., 4,503,064, Cl. 514-210.000.
  - Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Pinto, Patrick A.; and Versace, Richard W., 4,530,793, Cl. 260-245.20R.
  - Girijavallabhan, Viyyoor M.; Ganguly, Ashit K.; Versace, Richard W.; and Patel, Naginbhai M., 4,559,333, Cl. 514-192.000.
- Versar Inc.: *See—*
  - Rissmann, Edwin F.; and Randolph, Kendall B., 4,557,920, Cl. 423-393.000.
- Versatech Products Inc.: *See—*
  - Bennett, John A.; and Taylor, Scott L., 4,542,550, Cl. 15-3.000.
- Versatile Cornat Corporation: *See—*
  - Moos, Niklaus J., 4,502,546, Cl. 172-311.000.
  - Pakosh, Daniel, 4,492,237, Cl. 130-27.00R.
- Versatile Corporation: *See—*
  - Stiff, Rodney A.; and Baker, Malcolm J., 4,530,293, Cl. 111-2.000.
  - Stiff, Rodney A.; Baker, Malcolm J.; and Lester, Leslie J., 4,555,896, Cl. 56-13.900.
- Versatile Equipment Co., Inc.: *See—*
  - Ray, David B., 4,542,900, Cl. 272-134.000.
- Verschoof, Karel J. H.; and Smit, Jan W. Contraceptive device. 4,537,186, 8-27-85, Cl. 128-130.000.
- Vershinin, Sergei V.: *See—*
  - Maidanik, Jury F.; Vershinin, Sergei V.; Kholodov, Valery F.; and Dolgirev, Jury E., 4,515,209, Cl. 165-104.220.
- Versic, Ronald J.: *See—*
  - Olson, Roger; and Versic, Ronald J., 4,508,760, Cl. 427-213.340.
- Versluis, Jan: *See—*
  - Grundy, Andrew K.; and Versluis, Jan, 4,501,525, Cl. 414-139.000.
- Verson Allsteel Press Company: *See—*
  - Budrean, John D.; and Kirkpatrick, John A., 4,509,356, Cl. 72-349.000.
  - Budrean, John D.; and Kirkpatrick, John A., 4,527,413, Cl. 72-349.000.
  - Budrean, John D.; and Kirkpatrick, John A., 4,559,802, Cl. 72-349.000.
- Verstegen, Johannes D. M.: *See—*
  - Groeneveld, Christiaan; Knol, Dirk; Verstegen, Johannes D. M.; and Jansen, Jacobus, 4,554,386, Cl. 568-697.000.
- Verstraete, Rick A.: *See—*
  - Moore, Donald W.; and Verstraete, Rick A., 4,551,814, Cl. 364-716.000.
  - Moore, Donald W.; and Verstraete, Rick A., 4,551,815, Cl. 364-716.000.
- Ver Strate, Gary W.: *See—*
  - Cozewith, Charles; Ju, Shiaw; and Ver Strate, Gary W., 4,540,753, Cl. 526-88.000.
  - Johnston, John E.; Bloch, Ricardo; Ver Strate, Gary W.; and Song, W. R., 4,507,515, Cl. 585-12.000.
- Ver Strate, Gay: *See—*
  - Agarwal, Pawan K.; Lundberg, Robert D.; Graessley, William W.; and Ver Strate, Gay, 4,536,310, Cl. 252-33.000.
- Vertegaal, Jacobus G., to Stork Brabant B.V. Printing apparatus, particularly adapted to apply a varnish. 4,509,454, 4-9-85, Cl. 118-681.000.
- Vertenstein, Mathieu J.; and Amerigian, Albert A., to Silver Engineering Works, Inc. Pillow block assembly and sealing system therefor. 4,496,199, 1-29-85, Cl. 384-474.000.
- Vertenten, Edward; and Heft, Josef, to Siemens Aktiengesellschaft. Electrical connector. 4,537,455, 8-27-85, Cl. 339-99.00R.
- Vertimag Systems Corporation: *See—*
  - Bonin, Wayne A.; and Dugas, Matthew P., 4,541,026, Cl. 360-121.000.
  - Johnson, Clark E., Jr., 4,492,990, Cl. 360-32.000.
- Verton, Jose ; and Henrion, Alain, to Champion Spark Plug S.A. Connecting device for wiper blades. 4,535,500, 8-20-85, Cl. 15-250.230.
- Vertongen, Bernard: *See—*
  - Roger, Bernard P.; and Vertongen, Bernard, 4,547,791, Cl. 357-43.000.
- Vertut, Jean: *See—*
  - Guittet, Jack; Marchal, Paul; Micaelli, Alain; and Vertut, Jean, 4,510,574, Cl. 364-513.000.
- Vertx Corporation: *See—*
  - Stutsman, Richard R., 4,494,675, Cl. 221-13.000.
- Vervacke, Steven L.: *See—*
  - Miller, Robert E.; and Vervacke, Steven L., 4,551,739, Cl. 346-216.000.
- Verver, Albert B.: *See—*
  - Groeneveld, Michiel J.; Verver, Albert B.; and Van Swaaij, Willibrordus P. M., 4,535,551, Cl. 34-170.000.
- Verweel, Jan; and Zijlstra, Hinne, to U.S. Philips Corporation. Devices for manufacturing a magnetic quadrupole post-focusing mask. 4,513,272, 4-23-85, Cl. 335-284.000.
- Verweg, Fransiscus G. C.: *See—*
  - Steinmetz, Anthony; Arnold, Jacobus J.; Verweg, Fransiscus G. C.; and Groeneboer, Hendrik, 4,498,727, Cl. 339-278.00C.
- Verwer, Andreas N. J.; and Evers, Johannes T. M., to DSM Resins B.V. Polyester in-mould coating powder. 4,499,235, 2-12-85, Cl. 525-38.000.
- Verwijlen, Christiaan J. A.: *See—*
  - Ponjee, Johannes J.; Nelissen, Johan W. A.; and Verwijlen, Christiaan J. A., 4,521,444, Cl. 427-41.000.

Ponjee, Johannes J.; Smolders, Franciscus J. B.; and Verwijlen, Christiaan J. A., 4,529,618, Cl. 427-82.000.

Ponjee, Johannes J.; and Verwijlen, Christiaan J. A., 4,534,929, Cl. 264-338.000.

Verwijmeren, A. S.: *See—*

Halters, M. A. M.; and Verwijmeren, A. S., 4,561,348, Cl. 99-421.00H.

Verzella, David J.: *See—*

Fischer, William C.; Adams, Don L.; Wright, Stuart C.; Verzella, David J.; and Sivigny, Arthur L., 4,528,628, Cl. 364-424.000.

Vescial, Frederick, to Rockwell International Corporation. Ring laser gyroscope readout for partially overlapping beams. 4,514,087, 4-30-85, Cl. 356-350.000.

Vescial, Frederick, to Rockwell International Corporation. Single mirror ring laser gyro readout without combining optics. 4,514,832, 4-30-85, Cl. 356-350.000.

Vescovi, Giuseppe: *See—*

Biancalana, Carlo; Vescovi, Giuseppe; and Volpini, Maurizio, 4,552,163, Cl. 134-100.000.

Veselov, Alexandr V.: *See—*

Abramov, Vsevolod V.; Kuznetsov, Vsevolod V.; Veselov, Alexandr V.; Tkhai, Vitaly S.; Rysin, Nikolai I.; and Gerasimov, Vasily I., 4,501,549, Cl. 425-542.000.

Vesnier, Patrick H.: *See—*

Pennel, Jean-Francois; and Vesnier, Patrick H., 4,512,176, Cl. 72-367.000.

Vesperman, William C.; and Wilson, Max K. Insulating cover for pull down stairs. 4,541,208, 9-17-85, Cl. 52-19.000.

Vesperman, William C.: *See—*

Kanotz, William M.; Vesperman, William C.; and Wilson, Max K., 4,493,747, Cl. 156-64.000.

Kiersarsky, Albert S.; Sauer, Earl S.; Vesperman, William C.; and Wilson, Max K., 4,541,980, Cl. 264-174.000.

Vespoli, Nancy P.: *See—*

Alberino, Louis M.; Regelman, Dale F.; and Vespoli, Nancy P., 4,546,114, Cl. 521-51.000.

Alberino, Louis M.; Regelman, Dale F.; and Vespoli, Nancy P., 4,552,945, Cl. 528-62.000.

Vessey, John R.; Patel, Chandrakant M.; and Armstrong, Jack, to Excel Corporation. Transfer device. 4,523,673, 6-18-85, Cl. 198-486.000.

Vest, Rolf: *See—*

Gruner, Hans; Pfeiffer, Arnold; Rommerswinkel, Heinrich-Wilhelm; and Vest, Rolf, 4,539,042, Cl. 75-43.000.

Vestar Research Incorporated: *See—*

Gamble, Ronald C.; Tin, George W.; and Williams, Lawrence E., 4,497,791, Cl. 424-1.100.

Vester, Rudolph P., to Brown & Williamson Tobacco Corporation. Ventilated filter and smoke dispersing mouthpiece. 4,517,996, 5-21-85, Cl. 131-339.000.

Vestergaard, Alex D., to Ingeniorfirmaet Lytzen KS. Oven. 4,492,569, 1-8-85, Cl. 432-72.000.

Vestergaard, Alex D., to Ingeniorfirmaet Lytzen KS. Shaft seal. 4,498,678, 2-12-85, Cl. 277-3.000.

Vestermark, Lyle A. Energy storing flywheel assembly. 4,532,769, 8-6-85, Cl. 60-698.000.

Vesuvius Crucible Company: *See—*

Morris, Martin; and Fishler, Mark K., 4,540,675, Cl. 501-99.000.

Vesuvius International Corporation: *See—*

Grosso, Roberto; and Hamilton, Tom P., 4,519,438, Cl. 164-415.000.

Vet, Maarten: *See—*

Dumas, Ted A.; Vet, Maarten; and Buchmeyer, Sam K., 4,506,265, Cl. 343-704.000.

Vetco Offshore, Inc.: *See—*

Berner, Paul C., Jr.; and Brickman, Eugene L., 4,561,499, Cl. 166-85.000.

Garcia, Frank, Jr.; and Brown, David L., 4,492,362, Cl. 251-363.000.

Garcia, Frank, Jr.; and Brown, David L., 4,534,096, Cl. 29-157.10R.

Haeber, John A.; Rains, John K.; Beitler, Bradley D.; and Kukuchek, George S., 4,550,936, Cl. 285-26.000.

Milberger, Lionel J.; and Bridges, Charles D., 4,509,594, Cl. 166-208.000.

Slyker, Richard W.; and Pettit, John R., 4,521,040, Cl. 285-140.000.

Vetelino, John F.: *See—*

Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,511,817, Cl. 310-313.00A.

Chai, Bruce H.; Bailey, Dana S.; Vetelino, John F.; Lee, Donald L.; and Andle, Jeffrey C., 4,525,643, Cl. 310-313.00A.

Vetere, Alessandro: *See—*

Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,514,203, Cl. 62-17.000.

Gazzi, Luigi; Cotone, Giancarlo; Soldati, Gianfranco; Ginnasi, Alessandro; Vetere, Alessandro; and Rescalli, Carlo, 4,529,424, Cl. 62-17.000.

Gazzi, Luigi; D'Ambra, Roberto; Di Cintio, Roberto; Rescalli, Carlo; and Vetere, Alessandro, 4,561,869, Cl. 62-17.000.

Vetreria Padana Polesana, S.p.A.: *See—*

Bormioli, Pier L., 4,520,937, Cl. 215-10.000.

Vetter, David C.: *See—*

Montlick, Terry; Skoge, Klaus; Vetter, David C.; and Ahrens, Paul R., 4,520,499, Cl. 381-36.000.

Vetter, Gary V.; Yindra, Leonard J.; and Gilbert, Wilbur E., to Hamilton Industries. Accessory clamp for medical table. 4,547,092, 10-15-85, Cl. 403-59.000.

Vetter, Gregory J., to Truth Incorporated. Automatic operator and locking mechanism for a closure. 4,497,135, 2-5-85, Cl. 49-280.000.

Vetter, Harald, to Siemens Aktiengesellschaft. Electric roll-type capacitor with contacts at the end face thereof and method for manufacturing the same. 4,504,884, 3-12-85, Cl. 361-323.000.

Vetter, Harald: *See—*

Kros, Rudolf; and Vetter, Harald, 4,495,542, Cl. 361-301.000.

Vetter, Heinz: *See—*

Kaube, Peter; Schanz, Karl-Heinz; Vetter, Heinz; and Muller, Jens, 4,513,048, Cl. 428-188.000.

Kolbe, Klaus; Hellmann, Walter; Krajec, Otmar; Schikowsky, Hartmut; and Vetter, Heinz, 4,515,648, Cl. 156-196.000.

Vetter, Helmut: *See—*

Foll, Eberhard; Holl, Peter; and Vetter, Helmut, 4,508,750, Cl. 427-44.000.

Vetter, Kurt, to Hermann Behr & Sohn GmbH & Co. Sprayer. 4,518,119, 5-21-85, Cl. 239-223.000.

Vetter, Ronald F.; Hicks, Theodore A.; and Compton, Warren R., to United States of America, Navy. Fail safe rocket motor. 4,494,373, 1-22-85, Cl. 60-253.000.

Vetter, Ronald F.: *See—*

Smith, James O.; Vetter, Ronald F.; and Sieg, George F., 4,557,197, Cl. 102-202.000.

Vetter, Vincent H.: *See—*

Falknor, Charles L.; Vetter, Vincent H.; Wolfer, Dale R.; and Lyon, Dalton K., 4,557,339, Cl. 175-325.000.

Vettiger, Peter: *See—*

Beha, Johannes G.; Jaeckel, Heinz; and Vettiger, Peter, 4,525,730, Cl. 357-5.000.

Bretscher, Erwin; and Vettiger, Peter, 4,500,790, Cl. 250-492.200.

Vettori, Claude; and Chauviere, Henri, to Etudes Techniques et Representations Industrielles E.T.R.I. Flat type fan, particularly for electronic circuits. 4,549,858, 10-29-85, Cl. 417-353.000.

Veverka, Edward F., to McGraw-Edison Company. Disconnect switch assembly. 4,514,606, 4-30-85, Cl. 200-146.00R.

Veverka, Edward F.; Holmgren, Nils V.; and Martin, Donald R., to Cooper Industries, Inc. Load interrupter. 4,553,008, 11-12-85, Cl. 200-148.00R.

Vevy Manufacturing Inc.: *See—*

Pilarczyk, Karol, 4,555,902, Cl. 60-39.500.

Veyhl-Produktion KG: *See—*

Veyhl, Wolf, 4,502,394, Cl. 108-6.000.

Veyhl, Wolf, to Veyhl-Produktion KG. Table with adjustable table-top. 4,502,394, 3-5-85, Cl. 108-6.000.

Vezain, Gerard: *See—*

Rinn, Christian; and Vezain, Gerard, 4,491,289, Cl. 244-158.00R.

Rinn, Christian; Marello, Georges; and Vezain, Gerard, 4,529,154, Cl. 244-158.00R.

Vezin, Luc: *See—*

Guillaume, Paul; Vezin, Luc; and Dubi, Bernard, 4,494,923, Cl. 431-9.000.

Vezirian, Edward; Quinones, Richard J.; and Lockstedt, Alan W., to Smith International, Inc. Composite bearing. 4,499,642, 2-19-85, Cl. 29-149.50R.

Vezirian, Edward: *See—*

Schramm, Michael E.; and Vezirian, Edward, 4,506,997, Cl. 384-96.000.

Vezzani, Luciano, to Officine Vezzani S.p.A. Scrap metal press for producing compacted scrap blocks. 4,552,062, 11-12-85, Cl. 100-95.000.

Vezzani, Luciano, to Officine Vezzani S.p.A. Apparatus for compacting scrap materials, such as relatively comminuted scrap metal, waste, and the like. 4,557,190, 12-10-85, Cl. 100-98.00R.

Vezzu, Danilo; Moser, Walter; and Riesen, Peter, to Sulzer Brothers Limited. Device for cleaning the weft insertion area of a weaving machine. 4,546,799, 10-15-85, Cl. 139-1.00C.

VFP Fluid Power Limited: *See—*

Davies, Anthony R., 4,540,346, Cl. 417-273.000.

VG Instruments Group Limited: *See—*

Atherton, Paul; Burns, Peter; and Green, Brian N., 4,562,351, Cl. 250-288.000.

Batey, Jonathan H., 4,535,236, Cl. 250-292.000.

Stonestreet, Paul R.; Williams, David; Anderson, Kenneth; and Butcher, Peter J. L., 4,550,411, Cl. 373-134.000.

Via, Francis A., to Stauffer Chemical Company. Sensitization of glyoxylate photoinitiators using a terphenyl compound. 4,519,883, 5-28-85, Cl. 204-159.150.

Via, Francis A.: *See—*

Sherif, Fawzy G.; Majewski, Helmut W.; and Via, Francis A., 4,496,527, Cl. 423-309.000.

Vial, Raymond, to Cledid S.A. Ingot mold with adjustable dimensions for a continuous casting machine. 4,506,724, 3-26-85, Cl. 164-436.000.

Vialatte, Claude: *See—*

Bouhelier, Francis; and Vialatte, Claude, 4,553,223, Cl. 364-900.000.

Viale, Giorgio: *See—*

Magnasco, Enrico; and Viale, Giorgio, 4,524,801, Cl. 137-567.000.

Vialle B.V.: *See—*

van den Wildenberg, Adrianus M. M.; and Smeets, Andreas L. M. T., 4,524,747, Cl. 123-557.000.

van den Wildenberg, Adrianus M. M.; and Smeets, Andreas L. M. T., 4,526,155, Cl. 123-525.000.

Vianco, James E.: *See—*

Lehmann, Robert P.; and Vianco, James E., 4,550,396, Cl. 369-284.000.

- Vianova Kunstharz, A.G.: *See—*
  - Paar, Willibald, 4,539,372, Cl. 525-128.000.
  - Paar, Willibald; and Schipfer, Rudolf, 4,544,715, Cl. 525-528.000.
  - Paar, Willibald; and Honig, Helmut, 4,550,146, Cl. 525-327.300.
  - Schipfer, Rudolf; and Schmolzer, Gerhard, 4,523,007, Cl. 528-227.000.
- Viasmensky, Vladimir, to General Audio-Visual Inc. Projector stacking stand. 4,526,337, 7-2-85, Cl. 248-639.000.
- Viaud, Jean, to Deere & Company. Cylindrical baler hydraulic circuit for controlling bale chamber tension and operating bale discharge gate. 4,545,298, 10-8-85, Cl. 100-88.000.
- Viberg, Rolf; Harrysson, Goran; and Kjelgaard, Tom, to Tetra Pak International AB. Method of making a packing laminate web. 4,495,016, 1-22-85, Cl. 156-152.000.
- Vibrac Corporation: *See—*
  - Searle, Robert F., 4,503,326, Cl. 250-227.000.
- Vicenzi, Reno L., to Figgie International Inc. Breathing device. 4,537,189, 8-27-85, Cl. 128-202.130.
- Vici Bailey: *See—*
  - Bailey, Arthur, deceased; and Bailey, Vici, executor, 4,492,418, Cl. 312-220.000.
- Vicic, John C.; La Velle, Carl A.; and Parris, Joe P., III, to Cameron Iron Works, Inc. Ram-type blowout preventer and packer therefor. 4,518,144, 5-21-85, Cl. 251-1.00A.
- Vicic, John C. Ram-type blowout preventer and packer therefor. 4,553,730, 11-19-85, Cl. 251-1.300.
- Vicik, Stephen J.: *See—*
  - Churma, Theodore; Latimer, Elwood D., Jr.; and Vicik, Stephen J., 4,515,745, Cl. 264-211.000.
  - Lustig, Stanley; Schuetz, Jeffrey M.; and Vicik, Stephen J., 4,547,413, Cl. 428-35.000.
- Vick, Walter; and Suhrbier, Rolf, to F. H. Schule GmbH. Machine for peeling cereal grains by means of rubber rolls. 4,528,901, 7-16-85, Cl. 99-488.000.
- Vick, Walter; and Suhrbier, Rolf, to F. H. Schule GmbH. Husking machine for cereals. 4,539,904, 9-10-85, Cl. 99-618.000.
- Vickers Australia Limited: *See—*
  - Griffiths, Anthony J.; and Allen, David W., 4,505,811, Cl. 209-17.000.
- Vickers, Edward C.: *See—*
  - Kelm, James S.; Vickers, Edward C.; Williams, Jesse J.; and Taylor, Jack R., 4,534,166, Cl. 60-39.230.
- Vickers, Incorporated: *See—*
  - Breeden, Robert H.; and Taylor, Henry D., 4,498,370, Cl. 91-171.000.
  - Dean, Laurence C., Jr.; and Cardinale, Louis J., 4,505,654, Cl. 418-80.000.
  - Delmege, Arthur H.; El-Ibiary, Yehia M.; Rode, Melvin A.; and Taplin, Lael B., 4,502,109, Cl. 364-174.000.
  - Gunda, Rajamouli; McCarty, Michael R.; and Rode, Melvin A., 4,537,029, Cl. 60-390.000.
  - Muller, Hans-Jurgen; and Krines, Hans-Gebhard, 4,519,572, Cl. 251-29.000.
  - Siegrist, Ronald, 4,501,291, Cl. 137-529.000.
  - Taplin, Lael B., 4,502,708, Cl. 280-755.000.
- Vickers, James H., to Southco, Inc. Adjustable friction hinge. 4,490,884, 1-1-85, Cl. 16-338.000.
- Vickers, James H.: *See—*
  - Frame, William R.; and Vickers, James H., 4,540,206, Cl. 292-66.000.
- Vickers Limited: *See—*
  - Smith, Francis H., 4,492,470, Cl. 356-372.000.
- Vickers PLC of Vickers House: *See—*
  - Brake, Arthur L., 4,498,814, Cl. 405-224.000.
- Vickers Public Limited Company: *See—*
  - Boyes, Adrian P., 4,530,384, Cl. 141-95.000.
  - Jamieson, John R., 4,524,875, Cl. 212-239.000.
  - Moore, Derek S., 4,544,244, Cl. 350-520.000.
- Vickers, Roger S., to SRI International. Topographic data gathering method. 4,495,500, 1-22-85, Cl. 343-5.0CM.
- Vickers, Stanley E.: *See—*
  - Schieser, Warren J.; Vickers, Stanley E.; and Duffey, Craig L., 4,506,489, Cl. 53-64.000.
- Vickery, Brian H., to Syntex (U.S.A.) Inc. Disposable intravaginal contraceptive devices releasing 1-substituted imidazoles. 4,553,972, 11-19-85, Cl. 604-892.000.
- Vickery, Brian H.: *See—*
  - Nestor, John J.; and Vickery, Brian H., 4,530,920, Cl. 514-15.000.
- Vickery, Donald P. Chimney cleaning method. 4,528,040, 7-9-85, Cl. 134-8.000.
- Vickery, James D. Dry material sorting device. 4,519,896, 5-28-85, Cl. 209-44.100.
- Vico Kemisk Tekniska Fabrik AB: *See—*
  - Tiedemann, Wolfgang O., 4,530,165, Cl. 34-32.000.
- Victaulic Company of America: *See—*
  - Kunsman, Donald R., 4,561,678, Cl. 285-39.000.
  - Webb, Maurice J., 4,522,434, Cl. 285-112.000.
- Victor, Alan M.; and Davis, Darrell E., to Motorola, Inc. Method of programming a synthesizer ROM for elimination of receiver self-quieting. 4,512,035, 4-16-85, Cl. 455-165.000.
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  - Abe, Ryozo; and Sakurai, Masaki, 4,561,026, Cl. 358-336.000.
  - Aoike, Hitoshi; Machida, Toyotaka; Kumazaki, Toshimasa; and Suenaga, Kazuyuki, 4,491,876, Cl. 358-330.000.
  - Aoyagi, Shigeyuki; and Watanabe, Mamoru, 4,551,966, Cl. 53-571.000.
  - Fujii, Yasuhiko, 4,524,445, Cl. 371-47.000.
  - Fujii, Yasuhiko; Owaki, Isao; Saito, Susumu; Mori, Takaro; and Nakamura, Shinji, 4,551,840, Cl. 371-38.000.
  - Fujiki, Kuniharu; and Hashimoto, Shigeru, 4,501,800, Cl. 428-447.000.
  - Fujiki, Kuniharu, 4,521,480, Cl. 428-328.000.
  - Fukuda, Tomeichiro; Soda, Takashi; Furukawa, Ikuo; Hayashi, Takushi; Kumata, Fujio; and Nagano, Susumu, 4,548,777, Cl. 264-107.000.
  - Hamaguchi, Toshiaki; Namikawa, Kazuhira; Goshima, Toshikazu; Nakamura, Mutsuaki; Kuroda, Akio; and Kudo, Yoshiaki, 4,547,545, Cl. 524-269.000.
  - Hara, Mitsuhiko, 4,541,581, Cl. 242-198.000.
  - Higurashi, Seiji, 4,562,492, Cl. 360-65.000.
  - Hiraguri, Seisuke, 4,528,605, Cl. 360-77.000.
  - Hirata, Atsumi, 4,510,532, Cl. 358-342.000.
  - Hirota, Akira; Miyahara, Hiroyuki; and Kosaka, Yoshiteru, 4,536,795, Cl. 358-160.000.
  - Hirota, Akira, 4,558,353, Cl. 358-36.000.
  - Iizuka, Jiro; Kaneko, Takatoshi; and Hashiba, Tooru, 4,558,330, Cl. 346-76.0PH.
  - Inami, Mamoru; Tanaka, Yoshiaki; and Ohtsuki, Zenju, 4,492,917, Cl. 324-77.00A.
  - Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,510,840, Cl. 84-477.00R.
  - Inami, Mamoru; Ohtsuki, Zenju; Tanaka, Yoshiaki; Mori, Tomohiro; and Hasegawa, Akio, 4,553,179, Cl. 360-66.000.
  - Ishigaki, Yukinobu, 4,495,428, Cl. 307-490.000.
  - Ishigaki, Yukinobu, 4,517,518, Cl. 328-165.000.
  - Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, 4,531,095, Cl. 328-165.000.
  - Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, 4,532,475, Cl. 328-165.000.
  - Ishigaki, Yukinobu; and Hirohashi, Kazutoshi, 4,539,527, Cl. 330-149.000.
  - Itoh, Kenji, 4,539,606, Cl. 360-70.000.
  - Itoh, Kenji, 4,562,394, Cl. 318-608.000.
  - Kaneko, Kenji, 4,496,994, Cl. 358-336.000.
  - Kaneko, Kenji, 4,520,394, Cl. 358-150.000.
  - Kasuga, Masao, 4,521,867, Cl. 364-724.000.
  - Kasuga, Masao, 4,524,422, Cl. 364-724.000.
  - Kasuga, Masao, 4,542,369, Cl. 340-347.0DA.
  - Kato, Hiroshi; and Kubota, Hiromitsu, 4,536,807, Cl. 360-72.300.
  - Kato, Kunihiko; and Murahashi, Akihiko, 4,504,875, Cl. 360-72.100.
  - Kinjo, Hisao; and Ozawa, Keiji, 4,491,941, Cl. 369-126.000.
  - Kinjo, Hisao, 4,530,012, Cl. 358-327.000.
  - Kishi, Toru; and Saito, Takashi, 4,535,433, Cl. 369-77.200.
  - Kitamura, Masatsugu; Inami, Mamoru; Tanaka, Yoshiaki; and Otsuki, Zenju, 4,504,870, Cl. 360-25.000.
  - Kobayashi, Toshio; and Hishiki, Hideo, 4,554,488, Cl. 315-368.000.
  - Kohri, Naomichi; Fukuda, Yutaka; and Muramatsu, Hiroshi, 4,495,535, Cl. 360-96.300.
  - Kokufukata, Seigo; and Sekido, Tetsuya, 4,494,145, Cl. 358-163.000.
  - Kondo, Hikaru, 4,549,147, Cl. 330-297.000.
  - Kotake, Eiichi; Enami, Ken; and Wada, Kinzo, 4,542,423, Cl. 360-73.000.
  - Koyama, Tsuneyuki, 4,528,604, Cl. 360-74.200.
  - Koyama, Tsuneyuki, 4,554,604, Cl. 360-95.000.
  - Kuwahata, Toshikatsu; Kawabata, Fumio; and Kurosawa, Genzo, 4,559,584, Cl. 362-86.000.
  - Machida, Toyotaka, 4,500,909, Cl. 358-17.000.
  - Masuda, Isao; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Komura, Makoto, 4,509,155, Cl. 369-48.000.
  - Masuda, Isao; Takahashi, Nobuaki; Nishikawa, Kazunori; Iwasaki, Yoshiki; and Ueno, Shoji, 4,516,163, Cl. 360-32.000.
  - Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.
  - Matsumoto, Ikuo, 4,515,856, Cl. 428-323.000.
  - Matsumoto, Yukio, 4,532,178, Cl. 428-328.000.
  - Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, 4,521,908, Cl. 381-92.000.
  - Miyaji, Naotaka; Sakamoto, Atsushi; and Iwahara, Makoto, 4,559,642, Cl. 381-92.000.
  - Mori, Takaro; Saito, Susumu; and Fujii, Yasuhiko, 4,546,393, Cl. 360-40.000.
  - Mori, Tomohiro, 4,543,620, Cl. 360-49.000.
  - Moriyama, Masaru, 4,498,072, Cl. 340-347.0AD.
  - Moriyama, Masaru; and Sasamura, Kohei, 4,528,601, Cl. 360-46.000.
  - Mukai, Yasuo; and Takazawa, Yosuke, 4,526,836, Cl. 428-421.000.
  - Nagaoka, Yoshimichi, 4,504,876, Cl. 360-94.000.
  - Nakamura, Mutsuaki; Namikawa, Kazuhira; Goshima, Toshikazu; Hamaguchi, Toshiaki; Kuroda, Akio; Hata, Akio; and Fujii, Noriki, 4,548,739, Cl. 252-511.000.
  - Namiki, Yasuomi, 4,539,604, Cl. 360-10.200.
  - Namiki, Yasuomi, 4,542,422, Cl. 360-67.000.
  - Namiki, Yasuomi, 4,549,231, Cl. 360-14.200.
  - Namiki, Yasuomi, 4,555,669, Cl. 330-149.000.
  - Narita, Shuichi, 4,530,038, Cl. 360-74.100.
  - Narita, Shuichi, 4,553,182, Cl. 360-96.100.

Naruse, Tsunehide, 4,547,425, Cl. 428-328.000.
Nishikawa, Kazunori; Iwasaki, Yoshiki; Masuda, Isao; Ueno, Shoji; Komura, Makoto; and Takahashi, Nobuaki, 4,561,083, Cl. 369-59.000.
Ogata, Haruki; Ogawa, Kimio; and Umeda, Hiroyuki, 4,494,161, Cl. 360-132.000.
Ogata, Haruki, 4,544,970, Cl. 360-94.000.
Oguri, Katsuhiko, 4,524,439, Cl. 369-136.000.
Ohta, Yoshihiko, 4,527,202, Cl. 360-18.000.
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Otake, Yoshichi, 4,539,584, Cl. 358-44.000.
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Owaki, Isao; Saito, Susumu; and Yamazaki, Masami, 4,533,964, Cl. 360-22.000.
Saito, Takashi, 4,492,996, Cl. 360-99.000.
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Sasamura, Kohhei; and Moriyama, Masaru, 4,495,528, Cl. 360-40.000.
Sasamura, Kohhei; and Mori, Takaro, 4,521,817, Cl. 360-46.000.
Sasamura, Kouhei, 4,495,531, Cl. 360-65.000.
Segawa, Keiji; Naoi, Mikio; and Murakami, Masaki, 4,498,163, Cl. 369-126.000.
Shibata, Norio, 4,493,072, Cl. 369-271.000.
Shimada, Kengo; Chiba, Yutaka; and Sanuki, Toshio, 4,498,363, Cl. 84-1.010.
Shimizu, Shigeo; and Kato, Toshio, 4,517,257, Cl. 428-694.000.
Shiramizu, Takami, 4,537,108, Cl. 84-1.010.
Sigiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,516,161, Cl. 358-342.000.
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Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,496,993, Cl. 358-335.000.
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Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,500,983, Cl. 369-77.200.
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Sugiyama, Hiroyuki; Abe, Ryozo; Yusa, Yasuhiro; Sakurai, Masaki; and Yoshihara, Kenji, 4,520,473, Cl. 369-126.000.
Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,530,013, Cl. 358-335.000.
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Suzuki, Kiyoaki; Suzuki, Hidetsugu; Onuki, Katsuhiro; Nomoto, Isami; Fukuda, Yoshiaki; and Sato, Takeshi, 4,550,797, Cl. 181-167.000.
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Takahashi, Nobuaki; and Shibamoto, Takeshi, 4,499,506, Cl. 358-343.000.
Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; and Tanaka, Koji, 4,513,327, Cl. 358-310.000.
Takahashi, Nobuaki; Takashima, Seiichi; Shibamoto, Takeshi; Suzuki, Fujio; Tanaka, Koji; Kubo, Mitsuo; Sugiyama, Hiroyuki; Amano, Yoshiaki; and Kikuchi, Mitsuru, 4,520,401, Cl. 358-310.000.
Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahashi, Toshinori; and Kiuchi, Tsutomu, 4,527,171, Cl. 346-76.0PH.
Takanashi, Itsuo; Tanaka, Hideshi; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; Kiuchi, Tsutomu; and Kitamura, Hiroki, 4,555,714, Cl. 346-76.0PH.
Takanashi, Itsuo; Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Kato, Shigeru; Takahasi, Toshinori; and Kiuchi, Tsutomu, 4,558,328, Cl. 346-76.0PH.
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Tanaka, Hideshi; Tsumiyama, Hisanori; Mizuno, Yoshio; Ohara, Terumi; Takahashi, Toshinori; Kato, Shigeru; and Kiuchi, Tsutomu, 4,549,201, Cl. 358-13.000.
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Tokumitsu, Junsuke, 4,510,535, Cl. 360-14.200.
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Tokuyama, Yoshio, 4,521,815, Cl. 360-10.200.
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Wada, Yoshiyo; Goto, Kunio; and Takehara, Hideaki, 4,503,529, Cl. 369-126.000.
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  Martin, Eugene G., 4,503,587, Cl. 17-52.000.
Victor Hasselblad Aktiebolag: *See—*
  Dahlgren, Lennart G. O., 4,515,454, Cl. 354-287.000.
  Hillstrom, Kennert E. G.; and Fransson, Rolf G., 4,534,631, Cl. 353-95.000.
  Lundberg, Jan A.; Wallgren, Goran T. L.; and Martinsson, Mats H., 4,493,543, Cl. 354-109.000.
  Lundberg, Jan A.; and Fransson, Rolf G., 4,526,440, Cl. 350-257.000.
Victor, John G., to Institute of Gas Technology. Ethanol extraction process. 4,508,928, 4-2-85, Cl. 568-916.000.
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Victor, Michael. Flow measuring device with multiple-static pressure holes. 4,546,655, 10-15-85, Cl. 73-861.660.
Victor Slicing Systems s.r.l.: *See—*
  Tarcisio, Re, 4,512,228, Cl. 83-355.000.
Victor Technologies Inc.: *See—*
  Stark, Glenn; and Barton, David M., 4,514,771, Cl. 360-73.000.
Victoreen Incorporated: *See—*
  Utting, George R., 4,491,400, Cl. 354-20.000.
Victoria University of Manchester, The: *See—*
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  Kantorowich, Roy H., 4,492,489, Cl. 403-319.000.
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  Udvardy Nagy nee Cserey Pechany, Eva; Bartho, Istvan; Hantos, Gabor; Trinn, Maria; Vida, Zsuzsa; Szejtli, Jozsef; Stadler nee Szoke, Agnes; Habon, Ilona; and Balazs nee Czurda, Marta, 4,528,271, Cl. 435-55.000.
Vidal, Henri. Wall structure and method of construction. 4,557,634, 12-10-85, Cl. 405-286.000.
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  Wojciechowski, Longine J., 4,494,892, Cl. 404-6.000.
Vidal, Stella M. Attachable drain filter with surface irregularities to entangle hair and debris. 4,490,862, 1-1-85, Cl. 4-292.000.
Vidal, Stella M. Device with pouches for receiving animal waste. 4,537,153, 8-27-85, Cl. 119-95.000.
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  Hans, Lindqvist; and Vidar, Gronberg, 4,532,034, Cl. 210-112.000.
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  Tochtermann, Henry, 4,526,648, Cl. 156-497.000.
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  Siekierski, Walter R.; and Sterling, Michael, 4,527,798, Cl. 273-86.00R.
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  Cormio, Ignazio, 4,515,568, Cl. 445-3.000.
  Cormio, Ignazio, 4,554,589, Cl. 358-248.000.
  Di Passio, Attilio; and Pezzulo, Antimo, 4,533,610, Cl. 430-25.000.
  Fourche, Jean-Pierre; and Milili, Marc, 4,538,128, Cl. 335-210.000.
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  Arway, George; Eremity, Frank; Dick, George; and Pullen, Elaine, 4,555,712, Cl. 346-75.000.
  Arway, George; Eremity, Frank; and Huang, Tung M., 4,555,719, Cl. 346-140.00R.
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Vider, Leslie, to Sivaco Quebec. Heat recuperator and method for use with gas-fired furnace using nozzle or pre-mix burners. 4,560,349, 12-24-85, Cl. 432-223.000.
Vidotto, Graziano: *See—*
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Vidoz, Aldo E.; Crooks, Donald D.; Lewis, Richard E.; Palmer, Ian G.; and Wadsworth, Jeffrey, to Lockheed Missiles & Space Company, Inc. Aluminum base alloys. 4,557,770, 12-10-85, Cl. 148-437.000.
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  Covey, Joel P.; and Vidrine, D. Warren, 4,547,068, Cl. 356-244.000.

Vidrine, Sharon J. Apparatus for and method of fluid sealing channeled flange connectors of under-water pipe line sections. 4,522,536, 6-11-85, Cl. 405-168.000.

Vidt, Edward J.: *See—*
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Vie, Michel P.: *See—*
Ramisse, Yves D.; Baboulet, Jean-Pierre C.; Vie, Michel P.; and Malaval, Paul C., 4,536,327, Cl. 252-511.000.

Vieau, Robert G.; and Klempke, William D., to Loram Maintenance of Way, Inc. Grinding head assembly. 4,507,897, 4-2-85, Cl. 51-209.00R.

Viebrantz, Hans-Joachim, to Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co. Keyboard with improved key design permitting tilting about either side. 4,493,959, 1-15-85, Cl. 200-340.000.

Viechnicki, Dennis J.: *See—*
Caslavsky, Jaroslav L.; Lavoie, Gerald H.; Earle, William H.; and Viechnicki, Dennis J., 4,510,609, Cl. 373-110.000.

Vieglins, Dzintars, to Skillmech AB. Bracket or support, particularly for shelf frameworks. 4,541,600, 9-17-85, Cl. 248-239.000.

Vieland, Leon J., to RCA Corporation. Electron beam injection structure for flat panel display devices. 4,514,663, 4-30-85, Cl. 315-366.000.

Vielmo, Paolo; Brighenti, Attilio; and Blandino Alamia, Antonio, to Tecnomare, S.p.A. System for recovering wave energy and its conversion into useful energy. 4,531,063, 7-23-85, Cl. 290-53.000.

Vielstich, Gunter: *See—*
Schudlich, Kurt; Vielstich, Gunter; Muhlenbeck, Josef; Otto, Josef; Bauer, Hannsgeorg; Zollner, Dieter H.; and Rittmann, Friedrich, 4,518,365, Cl. 445-67.000.

Viering, Walter: *See—*
Korner, Gerhard; Plettner, Horst; Viering, Walter; and Rees, Volker, 4,511,775, Cl. 200-148.00A.

Vierkotter, Peter; Turk, Erich; Holdt, Bernd-Dieter; and Menke, Ronald, to Henkel Kommanditgesellschaft auf Aktien. Sealing top for containers for powdered or granular materials. 4,541,551, 9-17-85, Cl. 222-456.000.

Vierling, Horst: *See—*
Hien, Rochus; Weigel, Wolfgang; and Vierling, Horst, 4,560,869, Cl. 250-235.000.

Vierling, Karl-Heinz: *See—*
Karning, Heinrich; Prein, Franz; and Vierling, Karl-Heinz, 4,499,582, Cl. 372-93.000.
Karning, Heinrich; Prein, Franz; and Vierling, Karl-Heinz, 4,550,408, Cl. 372-58.000.

Vierrath, Helmut: *See—*
Albrecht, Johannes; Jakobs, Rudolf; Turna, Osman; Vierrath, Helmut; Weil, Manfred; and Zapke, Klaus, 4,536,193, Cl. 48-77.000.

Viess, Walter: *See—*
Bonitz, Jorg; Entenmann, Robert; Killi, Geza; Knab, Rochus; Miller, Bernhard; Rohde, Siegfried; and Viess, Walter, 4,562,544, Cl. 364-431.110.

Viesturs, Eric A., to Connecticut Artcraft Corporation. Body support apparatus. 4,517,693, 5-21-85, Cl. 5-451.000.

Viesturs, Eric A.; and Viesturs, Gundar E., to Connecticut Artcraft Corporation. Body supporting mattress. 4,534,078, 8-13-85, Cl. 5-452.000.

Viesturs, Gundar E.: *See—*
Viesturs, Eric A.; and Viesturs, Gundar E., 4,534,078, Cl. 5-452.000.

Vieth, Friedhelm: *See—*
Klose, Sigmar; Pasch, Manfred; Kleemann, Wolfgang; Vieth, Friedhelm; and Buschek, Herbert, 4,557,600, Cl. 356-246.000.

Vieth, Harold F., to Deere & Company. Transfer case oil pump. 4,531,421, 7-30-85, Cl. 74-467.000.

Viets, Alan K.; Amerine, James D.; and Lowe, Henry M., to O. M. Scott and Sons Company, The. Liquid chemical applicator. 4,491,254, 1-1-85, Cl. 222-83.500.

Vietzke, Horst; Schlich, Elmar; Luthardt, Gunther; and Huschka, Hans, to Nukem GmbH. Multiple layered transportation and storage container for radioactive wastes. 4,562,001, 12-31-85, Cl. 252-633.000.

Vig, John R., to United States of America, Army. Method of minimizing the aging rate of an oscillator. 4,539,532, 9-3-85, Cl. 331-69.000.

Vig, John R.; and Ballato, Arthur, to United States of America, Army. Method of making miniature high frequency SC-cut quartz crystal resonators. 4,554,717, 11-26-85, Cl. 29-25.350.

Vig, John R.: *See—*
Gualtieri, John G.; and Vig, John R., 4,493,991, Cl. 250-203.00R.

Vig, Michael A.: *See—*
Shelbourn, William C.; Kuhn, Patrick; and Vig, Michael A., 4,522,373, Cl. 251-297.000.

Vigano, Giovanni, to PLASTIVER S.a.s. di Giovanni e Vittorio VIGANO & C. Device and method for spread applying liquids, in particular glue over book spines. 4,512,945, 4-23-85, Cl. 264-263.000.

Vigar, James M.: *See—*
Barclay, Donald J.; Morgan, William M.; and Vigar, James M., 4,502,927, Cl. 204-51.000.

Vigarie , Jean-Pierre, to Vigarie , Jean-Pierre; and Etablissement Public de Diffusion dit "Telediffusion de France". Point memory graphic terminal. 4,543,645, 9-24-85, Cl. 364-900.000.

Vigh, James A., to Stanadyne, Inc. Sink mounting. 4,504,986, 3-19-85, Cl. 4-633.000.

Vigh, Laszlo : *See—*
Farkas, Tibor; Vigh, Laszlo ; Horvath, Ibolya; Nagy nee Vanicsek, Aniko ; Foglein, Ferenc; Meszaros, Annamaria; and Toth, Istvan, 4,554,252, Cl. 435-240.000.
Toth, Istvan; Nagy, Jozsef; Dombay, Zsolt; Grega nee Toth, Erzsebet; Horvath, Ibolya; Vigh, Laszlo ; and Farkas, Tibor, 4,493,727, Cl. 71-088.000.

Vigh, Zoltan: *See—*
Budai, Zoltan; Kis-Tamas, Attila; Mezei, Tibor; Lay, Aranka; Vigh, Zoltan; and Sokorai, Agnes, 4,511,737, Cl. 564-257.000.

Vigier, Serge: *See—*
Ohayon, Gerard; Reverchon, Bernard; Tourre, Bernard; and Vigier, Serge, 4,493,271, Cl. 110-262.000.

Vigil, Samuel A.; and Spielman, Rick B., to University of California, The Regents of the. Method and apparatus for generating electrical energy from a heated gas containing carbon particles. 4,516,043, 5-7-85, Cl. 310-11.000.

Vigil, Thomas R.: *See—*
Holmes, George; and Keyser, Frank, 4,529,370, Cl. 425-142.000.

Vigliermo, Amerigo: *See—*
Rattin, Luciano; and Vigliermo, Amerigo, 4,494,866, Cl. 355-57.000.

Viglietti, John E.: *See—*
Garton, Robert E., Jr.; and Viglietti, John E., 4,536,154, Cl. 433-8.000.

Viglione, Vincent; and Tyndall, Jack L. Aircraft engine maintenance stand. 4,520,996, 6-4-85, Cl. 254-9.00C.

Vigliotti, Donald R.: *See—*
Gelchinski, Mordechai H.; Romankiw, Lubomyr T.; Vigliotti, Donald R.; and Von Gutfeld, Robert J., 4,497,692, Cl. 204-15.000.

Vignando, Bruno: *See—*
Cassat, Robert; and Vignando, Bruno, 4,547,408, Cl. 427-375.000.

Vignault, Eric: *See—*
Alet, Robert; and Vignault, Eric, 4,496,323, Cl. 434-29.000.

Vigneaux, Pierre, to Schlumberger Technology Corporation. Mass flowmeter. 4,503,712, 3-12-85, Cl. 73-861.350.

Vigneron, Jean-Pierre: *See—*
Frank-Neumann, Michel; Sedrati, Madjid; Vigneron, Jean-Pierre; and Bloy, Vincente, 4,551,545, Cl. 560-124.000.

Vignerot, Eugene; and Law, W. S., to L. V. J. Corporation. Marking device. 4,504,841, 3-12-85, Cl. 346-104.000.

Vigo, Gilles: *See—*
Canadas, Jean C.; and Vigo, Gilles, 4,518,192, Cl. 296-97.00H.

Vigouroux, Georges; Fort, Gilbert; and Soleille, Louis, to Compagnie Francaise des Petroles. Safety installation for a submerged drilling well-head. 4,553,600, 11-19-85, Cl. 166-343.000.

Vigurs, John P. C. Intruder detection. 4,535,240, 8-13-85, Cl. 250-342.000.

Vigus, Leonard J.: *See—*
Brimhall, George H., Jr.; and Vigus, Leonard J., 4,521,308, Cl. 210-330.000.

Viio, Matti. Tool holder. 4,523,702, 6-18-85, Cl. 224-101.000.

Viira, Indrek J.: *See—*
Thorsson, Conny R.; and Viira, Indrek J., 4,522,920, Cl. 435-161.000.

Viitanen, Jouko O.; and Whitefield, John T., to Allen Organ Company. Method and apparatus for dynamic reproduction of transient and steady state voices in an electronic musical instrument. 4,502,361, 3-5-85, Cl. 84-1.260.

Viitanen, Olavi; and Kerttula, Reima, to Valmet Oy. Apparatus for improving heat transfer in drying cylinders of a paper machine and method for assembling the same. 4,542,593, 9-24-85, Cl. 34-41.000.

Viitanen, Timo: *See—*
Peltonen, Eero; Somerikko, Aarni; and Viitanen, Timo, 4,498,338, Cl. 73-432.00R.

Viitanen, Veikko K.; and Kreamer, William C., to FMC Corporation. Method and apparatus for packaging articles such as fruit. 4,553,373, 11-19-85, Cl. 53-441.000.

Vijan, Meera, to Energy Conversion Devices, Inc. Method of making a high performance, small area thin film transistor. 4,543,320, 9-24-85, Cl. 430-314.000.

Vijan, Meera: *See—*
Cannella, Vincent D.; Hansell, Gregory L.; Yaniv, Zvi; and Vijan, Meera, 4,547,789, Cl. 357-23.700.

Vijay, Tumkur R., to FMC Corporation. Tire changer accessory for use with custom alloy rims. 4,529,024, 7-16-85, Cl. 157-1.240.

Vijayendran, Bheema R.: *See—*
Dolce, Thomas J.; and Vijayendran, Bheema R., 4,511,527, Cl. 264-328.200.

Vikharev, Ivan G.: *See—*
Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav P.; and Toguzov, Mels Z., 4,521,245, Cl. 75-21.000.

Vikio, Pentti, to Enso-Gutzeit Oy. Device for flushing obstructions from the reject head of a centrifugal separator. 4,549,964, 10-29-85, Cl. 210-369.000.

Vikmon nee Kiraly, Maria: *See—*
Szejtli, Jozsef; Stadler nee Szoke, Agnes; Vikmon nee Kiraly, Maria; Korbonits, Dezso; Virag, Sandor; Turcsan, Istvan; and Kiss, Pal, 4,518,588, Cl. 514-58.000.

Vikroff, Alexis. Junction for connection and assembly of truncated conical-pyramidal geometric shape for multi-directional elements of three-dimensional structures. 4,552,482, 11-12-85, Cl. 403-172.000.

Vikwood, Ltd.: *See—*
Larson, Robert O., 4,556,562, Cl. 424-195.100.

Vilain, Claude; and Noel, Gapp, to Societe Anonyme Automobiles Peugeot; and Societe Anonyme Automobiles Citroen. Device for transversely maintaining an anti-roll bar. 4,550,932, 11-5-85, Cl. 280-689.000.

- Vilain, Michel: *See*—
  - Esayan, Mariana; and Vilain, Michel, 4,510,118, Cl. 376-282.000.
- Vilain, Pol: *See*—
  - Mouzin, Gilbert; Cousse, Henri; and Vilain, Pol, 4,539,413, Cl. 549-366.000.
- Vilchek, Andrew, deceased; and by Trindl, Mary F., executrix. Escape apparatus. 4,512,438, 4-23-85, Cl. 182-43.000.
- Vilen, Erik O., to Blakeslee, A division of Blako, Inc. Mixing apparatus. 4,500,210, 2-19-85, Cl. 366-207.000.
- Viljanmaa, Antti K. Drying press for hides. 4,507,943, 4-2-85, Cl. 69-41.000.
- Vilk, Peter; and Stephens, Alan, to B.H.F. (Engineering) Ltd. Forehearth for conditioning glass. 4,494,974, 1-22-85, Cl. 65-337.000.
- Vilkomerson, David: *See*—
  - Gardineer, Bayard; and Vilkomerson, David, 4,508,122, Cl. 128-660.000.
- Villa, Carlo, to Textilma AG. Ribbon loom. 4,541,461, 9-17-85, Cl. 139-442.000.
- Villa, Giovanni: *See*—
  - Giordano, Claudio; Belli, Aldo; Uggeri, Fulvio; and Villa, Giovanni, 4,560,777, Cl. 549-374.000.
  - Piccolo, Oreste; Belli, Aldo; Villa, Giovanni; Zen, Enrico; and Citterio, Attilio, 4,542,233, Cl. 560-21.000.
  - Piccolo, Oreste; Villa, Giovanni; and Zen, Enrico, 4,546,201, Cl. 562-401.000.
- Villa, Jose L.; and Zeiner, Ronald N. Combined dispersant fluid loss control additives. 4,561,986, 12-31-85, Cl. 252-8.50A.
- Villa-Real, Antony-Euclid C., to EMDE Medical Research. Pre-evacuated blood collection tube with anti-hemolysis baffle system and centrifugation propelled filtration disc and efficient serum-from cells separator. 4,492,634, 1-8-85, Cl. 210-398.000.
- Villa, Vittoria: *See*—
  - Faustini, Franco; Villa, Vittoria; Gandolfi, Carmelo; and di Salle, Enrico, 4,543,353, Cl. 514-236.000.
- Villain, Juergen: *See*—
  - Kehrer, Hans-Peter; Villain, Juergen; and Reiff, Werner, 4,537,793, Cl. 427-35.000.
- Villamil, Clara I.: *See*—
  - Miyano, Masateru; Villamil, Clara I.; and Shone, Robert L., 4,546,194, Cl. 549-401.000.
- Villamosipari Kutato Intezel: *See*—
  - Boday, Otto ; Herpay, Andras; Krajcsovics, Ferenc; Neveri, Istvan; Pete, Sandor; Pocsy, Ferenc; Szikora, Bela; and Szirmai, Endre, 4,509,434, Cl. 110-238.000.
- Villani, Frank J., to Schering Corporation. Tricyclic antihistamines. 4,560,688, 12-24-85, Cl. 514-243.000.
- Villanueva, James G.: *See*—
  - Pocock, John F. E.; Cole, Charles A.; Villanueva, James G.; Matlack, John D.; and Lewis, Shelton E., 4,534,995, Cl. 427-38.000.
- Villanueva, Jesus R.; and Krautsack, Richard G., to Cooperative Marketing Co., The. Hanger for mounting items. 4,541,598, 9-17-85, Cl. 248-221.400.
- Villanyi, Tibor J., to Cummins Engine Company, Inc. Hand operable tool used in installing piston assemblies into an engine block. 4,520,542, 6-4-85, Cl. 29-224.000.
- Villar, Federico F.: *See*—
  - Harter, Elton H.; and Villar, Federico F., 4,549,479, Cl. 99-625.000.
- Villard, F.: *See*—
  - Barriquand, B.; Villard, F.; Martin, M.; Tridon, M.; and Pignal, M., 4,545,135, Cl. 34-58.000.
- Villarreal, Raul M. Machine and process for grinding granular particles. 4,553,703, 11-19-85, Cl. 241-24.000.
- Villasenor-Mejia, Antonio: *See*—
  - Lazcano-Navarro, Arturo; and Villasenor-Mejia, Antonio, 4,531,718, Cl. 266-186.000.
- Villata, Gino; and Becchio, Oreste. Brake control device. 4,522,286, 6-11-85, Cl. 188-72.700.
- Villax, Ivan; and Page, Philip R., to Plurichemie Anstalt. Process for the preparation of α-6-deoxytetracyclines. 4,500,458, 2-19-85, Cl. 260-351.500.
- Villax, Ivan: *See*—
  - Page, Philip R.; and Villax, Ivan, 4,550,096, Cl. 502-166.000.
- Villazon, Francisco: *See*—
  - Alonso, Martin; and Villazon, Francisco, 4,542,948, Cl. 339-59.00R.
- Ville, Daniel; and Virmoux, Michel R. C., to Hispano-Suiza. Device for coupling two rotary machines. 4,543,074, 9-24-85, Cl. 464-33.000.
- Villegas, Pedro: *See*—
  - Page, Robert K.; Villegas, Pedro; Eidson, Caswell S.; and Gaudry, Daniel, 4,559,229, Cl. 424-89.000.
- Villemure, Denis: *See*—
  - Boillot, Jean-Paul; Begin, Ghislain; Alexandrov, N.; Fihey, Jean-Luc; Di Vincenzo, A.; and Villemure, Denis, 4,532,404, Cl. 219-124.340.
- Villena, Edgardo I.: *See*—
  - Cage, James K.; and Villena, Edgardo I., 4,545,953, Cl. 264-533.000.
- Villeroy & Boch Keramische Werke KG: *See*—
  - Buchler, Ingrid, 4,506,823, Cl. 229-92.800.
- Villers, Roger L.: *See*—
  - Fleming, Philip F.; Martin, Virgil B.; Villers, Roger L.; and Shutes, Jaime J., 4,496,105, Cl. 241-32.000.
- Villetto, Robert T., Jr.: *See*—
  - Galie, John R.; Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,541,168, Cl. 29-579.000.
  - Goth, George R.; Hansen, Thomas A.; and Villetto, Robert T., Jr., 4,534,826, Cl. 156-643.000.
- Villeval, Denis, to Valeo. Liquid flow heat exchanger, e.g. for a motor vehicle. 4,491,174, 1-1-85, Cl. 165-104.320.
- Villeval, Denis, to Valeo. Stopper for a heat exchanger circuit. 4,494,669, 1-22-85, Cl. 220-204.000.
- Villeval, Denis, to Valeo. Water box including a degassing passage, and a heat exchanger including such a water box. 4,512,396, 4-23-85, Cl. 165-104.320.
- Villiger, Alois: *See*—
  - Petrzilka, Martin; Schadt, Martin; and Villiger, Alois, 4,526,704, Cl. 252-299.610.
  - Petrzilka, Martin; Schadt, Martin; and Villiger, Alois, 4,550,981, Cl. 350-350.00R.
- Vilmur, Richard J., to Motorola, Inc. Duplex communication transceiver with modulation cancellation. 4,520,474, 5-28-85, Cl. 370-24.000.
- Vilter Manufacturing Corporation: *See*—
  - Kocher, Erich J.; and Kopp, John K., 4,497,181, Cl. 62-139.000.
  - Kocher, Erich J.; Szymaszek, Paul G.; and Nikolaus, John G., 4,507,064, Cl. 418-15.000.
  - Kocher, Erich J., 4,512,550, Cl. 251-214.000.
  - Kocher, Erich J., 4,516,994, Cl. 55-337.000.
  - Kocher, Erich J.; and Kopp, John K., 4,551,982, Cl. 62-130.000.
  - Pallanch, Francis T., 4,554,799, Cl. 62-509.000.
- Vilutis & Co., Inc.: *See*—
  - Vilutis, Leonard J., 4,539,236, Cl. 428-35.000.
  - Vilutis, Leonard J., 4,558,801, Cl. 220-404.000.
- Vilutis, Leonard J., to Vilutis & Co., Inc. Laminated multi-layered film enclosures. 4,539,236, 9-3-85, Cl. 428-35.000.
- Vilutis, Leonard J., to Vilutis & Co., Inc. Conforming liner. 4,558,801, 12-17-85, Cl. 220-404.000.
- Vinals, Joaquin F.: *See*—
  - Boden, Richard M.; Tyszkiewicz, Theodore J.; Licciardello, Michael; Vock, Manfred H.; Vinals, Joaquin F.; Whalen, Patrick; and Hanna, Marie R., 4,515,987, Cl. 568-433.000.
  - Trenkle, Robert W.; Mookherjee, Braja D.; Hall, John B.; Kasper, Robin; Vock, Manfred H.; Schreck, Ronald; Granda, Edward J.; and Vinals, Joaquin F., 4,501,762, Cl. 426-538.000.
- Vinarub, Edmond I.: *See*—
  - Krohn, David A.; Buffone, Louis A.; and Vinarub, Edmond I., 4,500,870, Cl. 340-347.00P.
- Vinatier, Bernard: *See*—
  - Ollivier, Jean-Paul; and Vinatier, Bernard, 4,560,613, Cl. 428-309.900.
- Vinay, Jean-Paul: *See*—
  - Salomon, Georges P. J.; and Vinay, Jean-Paul, 4,534,123, Cl. 36-99.000.
- Vince, Nigel L., to International Computers Limited. Data processing system. 4,562,539, 12-31-85, Cl. 364-200.000.
- Vincent, Alan H., to Westland plc. Helicopter rotors. 4,549,850, 10-29-85, Cl. 416-140.000.
- Vincent, Arthur L; Robinson, James R.; and Ginkel, Ernst R., to International Telephone and Telegraph Corporation. Gas analyzer or the like. 4,526,755, 7-2-85, Cl. 422-90.000.
- Vincent De Araujo, Manuel A. Fuse. 4,514,716, 4-30-85, Cl. 337-281.000.
- Vincent De Araujo, Manuel A. Electric safety switch with removable conducting rod. 4,533,799, 8-6-85, Cl. 200-52.00R.
- Vincent, Geoffrey P. F.; Ing-Simmons, Nicholas K. D.; McGrath, John; and Conrad, Marvin C., to Texas Instruments Incorporated. Self-configuring digital processor system with global system. 4,562,535, 12-31-85, Cl. 364-200.000.
- Vincent, Harold L., to Dow Corning Corporation. Anionic siliconates of silylorganocarboxylates, sulfonates and phosphonates to reduce viscosities of particulate slurries. 4,548,733, 10-22-85, Cl. 252-310.000.
- Vincent, James K.: *See*—
  - Haskins, Steve W.; and Vincent, James K., 4,491,696, Cl. 179-100.00C.
- Vincent, Jan G.: *See*—
  - Engstrom, Nils M. L., 4,550,594, Cl. 73-61.10C.
- Vincent, Kent D., to Hewlett-Packard Company. Infrared source element. 4,499,382, 2-12-85, Cl. 250-493.100.
- Vincent, Louis-Marie: *See*—
  - Moll, Manfred; Bazard, Daniel; Niclause, Michel; Vincent, Louis-Marie; and Andre, Jean-Claude, 4,547,070, Cl. 356-339.000.
- Vincent, Michael T.: *See*—
  - Groeneveld, Wilbur E.; Kluver, Leroy; and Vincent, Michael T., 4,549,481, Cl. 100-98.00R.
- Vincent, Michel; Remond, Georges; and Laubie, Michel, to Adir. Substituted iminodiacids, their preparation and pharmaceutical compositions containing them. 4,508,729, 4-2-85, Cl. 514-419.000.
- Vinci, James N., to Lubrizol Corporation, The. Metal working using lubricants containing basic alkali metal salts. 4,505,830, 3-19-85, Cl. 252-33.000.
- Vinci, James N., to Lubrizol Corporation, The. Metal working using lubricants containing basic alkali metal salts. 4,560,488, 12-24-85, Cl. 252-33.000.
- Vinciguerra, Alan E.: *See*—
  - Fabris, Alfonso V.; Strickland, Robert M., Jr.; Toth, John T.; Keenan, Janice N.; Hahler, Thomas L.; Rahrer, Michael; Rohrer, Michael; Vinciguerra, Alan E.; and Muir, Catherine A., 4,516,156, Cl. 358-85.000.
- Vinciguerra, Constantino, to Nuovo Pignone S.p.A. Power stage of a gas turbine. 4,516,908, 5-14-85, Cl. 415-122.00R.
- Vinciguerra, Costantino; and Lephilibert, Jean, to Nuovo Pignone S.p.A.; and Schlumberger Industrie S.A. Ball valve. 4,546,953, 10-15-85, Cl. 251-58.000.

Vincze, Andreas B.: *See—*
Franz, Michel R.; Vincze, Andreas B.; Lambelin, Georges E.; and Polat, Alain V., 4,534,911, Cl. 514-575.000.
Vind, Holger V., to Danfoss A/S. Arrangement for a starting and protecting apparatus structural unit for an electric motor-compressor unit. 4,547,825, 10-15-85, Cl. 361-22.000.
Vindez, Pierre G., to P.V. Tool, Inc. Positive feed drill with stop control. 4,538,942, 9-3-85, Cl. 408-14.000.
Vinding, Jorgen P., to Magnetic Peripherals Inc. Doublet detector for data recording or transmission. 4,536,740, 8-20-85, Cl. 340-347.0DD.
Vinding, Jorgen P.: *See—*
Cohn, Martin; Jacoby, George V.; and Vinding, Jorgen P., 4,551,773, Cl. 360-40.000.
Vine, Raymond W.; Schroll, Craig R.; and Reiser, Carl A., to United Technologies Corporation. Molten carbonate fuel cell matrix tape and assembly method. 4,538,348, 9-3-85, Cl. 29-623.100.
Vinegar, Harold J.; and Wellington, Scott L., to Shell Oil Company. Method of determining drilling fluid invasion. 4,540,882, 9-10-85, Cl. 250-255.000.
Vinegar, Harold J.; and Wellington, Scott L., to Shell Oil Company. Method of correlating a core sample with its original position in a borehole. 4,542,648, 9-24-85, Cl. 73-153.000.
Vinekar, Sanjay R.: *See—*
Fernsler, Ronald E.; and Vinekar, Sanjay R., 4,536,794, Cl. 358-158.000.
Vines, Harvey L.: *See—*
Davis, Ruth A.; Herron, Donn M.; Pervier, James W.; and Vines, Harvey L., 4,504,295, Cl. 62-30.000.
Geist, Jacob M.; Vines, Harvey L.; Alvarez, Miguel R.; Rowles, Howard C.; and Woodward, Donald W., 4,496,382, Cl. 62-31.000.
Vineski, John E., to Xerox Corporation. Blade cleaner for a charge-retentive surface. 4,527,887, 7-9-85, Cl. 355-15.000.
Vineyard, Billy D.: *See—*
Bachman, Gerald L.; and Vineyard, Billy D., 4,515,731, Cl. 260-465.00D.
Vingmed A/S Inkognitogt: *See—*
Angelsen, Bjorn A. J.; and Kristoffersen, Kjell, 4,559,952, Cl. 128-663.000.
Vingris, Laimonis T.: *See—*
Fastritsky, Viktor S.; Vingris, Laimonis T.; Ardentov, Vasily V.; Florinsky, Jury B.; Plotnikov, Viktor I.; Rodnevsky, Leonid A.; and Alexeev, Gennady N., 4,503,392, Cl. 324-232.000.
Vinh, Khuong T.: *See—*
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Stoesser, Klaus; and Vinson, Heinz, 4,499,462, Cl. 340-825.310.
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Aubriot, Claude, 4,531,288, Cl. 30-99.000.
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Virgin, George C. Electromagnetic induction air heater. 4,503,305, 3-5-85, Cl. 219-10.510.
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Coiner, Russell E.; and Moore, Thomas W., 4,537,463, Cl. 339-276.00A.
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Bogese, Charles E., 4,553,800, Cl. 339-59.00M.
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MacLean, David; and Edwards, Robert B., II, 4,496,347, Cl. 604-164.000.
Quinn, David G.; Edwards, Robert B., II; and Andersen, Erik, 4,529,102, Cl. 222-94.000.
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Rasmussen, James R.; and Virkar, Anil V., 4,496,639, Cl. 429-193.000.
Virmoux, Michel R. C.: *See—*
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Virnot, Alain D. Pilot assistance device. 4,533,918, 8-6-85, Cl. 343-451.000.
Virr, Michael J.; and Burrows, Richard, to Stone International Limited. Boiler and method of heating liquid. 4,528,945, 7-16-85, Cl. 122-4.00D.
Virta, Hannu; Grasbeck, Joachim; and Ritvanen, Tapio, to Oy Wartsila AB. Cabin element system for ships. 4,528,928, 7-16-85, Cl. 114-189.000.
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  Sairanen, Martti; and Virta, Matti, 4,492,897, Cl. 315-219.000.
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Virtanen, Pentti. Apparatus for the manufacture of a precast building element of concrete. 4,540,358, 9-10-85, Cl. 425-63.000.
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Virupaksha, Krishnamoorthy; and Campanella, Samuel J., to Communications Satellite Corporation. Variable slope delta coding processor using adaptive prediction. 4,501,001, 2-19-85, Cl. 375-30.000.
Vis, Arthur D. Low contact force position sensing probe. 4,490,913, 1-1-85, Cl. 33-172.00E.
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Viscasillas, Fernando, to Velcro Espanola, S.A. Tape dispenser. 4,546,879, 10-15-85, Cl. 206-391.000.
Vischer, Daniel; and Volkart, Peter, to Brombach, Hansjorg; and Hohlwegler, Heinrich. Flow regulating device. 4,545,403, 10-8-85, Cl. 137-497.000.
Visciano, Joseph. Flexible flashlight. 4,495,550, 1-22-85, Cl. 362-189.000.
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  Forsthuber, Peter; Visek, Tomas; and Dolenc, Anton, 4,548,170, Cl. 123-195.00A.
Visel, Patrick E.: *See—*
  Hinden, Jean M.; Ernes, Lynne M.; and Visel, Patrick E., 4,517,068, Cl. 204-283.000.
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  Koev, Koycho G.; Nedelcheva, Aneliya A.; Todorova, Yasmina S.; and Uzunova, Iglika T., 4,505,432, Cl. 241-29.000.
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  Goodale, Robert H.; and DuJack, James M., 4,499,148, Cl. 428-447.000.
Visinand, Jean-Claude. Bathtub. 4,514,868, 5-7-85, Cl. 4-541.000.
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  Hinkemeyer, Roy T., 4,503,620, Cl. 33-185.00R.
Visky nee Gombos, Zsuzsanna: *See—*
  Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.
Vissani, Carlo: *See—*
  Cloutier, Richard; and Vissani, Carlo, 4,509,659, Cl. 222-41.000.
Visser, Antonia Jacoba, nee Van der Heide, legal representative: *See—*
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Visser, Arie, to XSI General Partnership. Extrema coding signal processing method and apparatus. 4,545,065, 10-1-85, Cl. 381-41.000.
Visser, Gerald H.: *See—*
  Dundas, Richard E.; and Visser, Gerald H., 4,527,708, Cl. 220-18.000.
Visser, Huibert: *See—*
  Klumper, Jan W.; and Visser, Huibert, 4,555,181, Cl. 356-448.000.
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Vissers, Hermanus H.; and Wondergem, Jan, to Multinorm B.V. Device to form crop into round bales. 4,550,557, 11-5-85, Cl. 56-341.000.
Vissing, Ellin D. Method and apparatus for closing cylindrical containers. 4,520,921, 6-4-85, Cl. 206-1.500.
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  Ware, Joseph W., III; DeBernardi, James A.; and Holcomb, James R., 4,544,350, Cl. 431-285.000.
  Yang, Kang, 4,540,828, Cl. 568-616.000.
Vista Polymers Inc.: *See—*
  Rickert, Robert E., 4,507,841, Cl. 29-402.080.
Vistain, James E. Proximity measuring device for golfers. 4,532,712, 8-6-85, Cl. 33-180.000.
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  Spees, Arthur T., 4,494,659, Cl. 211-51.000.
Visual Information Institute, Inc.: *See—*
  Harshbarger, John H., 4,509,079, Cl. 358-165.000.
  Harshbarger, John H.; and Shores, William M., 4,518,995, Cl. 358-139.000.
  Harshbarger, John H., 4,533,950, Cl. 358-139.000.
  Harshbarger, John H., 4,536,792, Cl. 358-139.000.
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Viswanathan, Raman: *See—*
  Howells, Anthony P. S.; Dienglewicz, Anthony M.; Viswanathan, Raman; and Angehrn, Jorg A., 4,556,884, Cl. 340-860.000.
Viswanathan, Tito; and Richardson, Thomas, to Chemical Process Corporation. Thermosetting adhesive resins. 4,524,164, 6-18-85, Cl. 524-14.000.
Vita, Filippo, to Medosan Industrie Biochimiche Riunite S.p.A. Use of diethylaminoethyldextran (DEAE-D) as an antihyperinsulinemic drug. 4,562,178, 12-31-85, Cl. 514-59.000.
Vita, Piero: *See—*
  Cavalieri D'Oro, Enzo; and Vita, Piero, 4,520,329, Cl. 333-135.000.
Vitafin N.V.: *See—*
  Boute, Wim; Wittkampf, Frederik H. M.; and van Arragon, Gerrit W., 4,539,991, Cl. 128-419.0PG.
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  Mensink, Kornelis A.; and Brouwer, Hendrik L., 4,532,467, Cl. 323-316.000.
  Rickards, Anthony F., 4,527,568, Cl. 128-419.0PG.
  Wittkampf, Frederik H. M.; and Boute, Willem, 4,515,161, Cl. 128-419.0PG.
  Wittkampf, Frederik H. M.; and Boute, Willem, 4,549,548, Cl. 128-419.0PG.
Vitale, Carmela. Package saver. 4,498,586, 2-12-85, Cl. 206-525.000.
Vitale, Vincent J., to Green, Mickey. Farm products agricultural game. 4,551,103, 11-5-85, Cl. 434-225.000.
Vitas, John K.; and Reed, Harry J., to Plasti-fab, Inc. Open channel gate valve. 4,524,950, 6-25-85, Cl. 251-326.000.
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Vite, Lutz; and Mews, Hannelore, to Siemens Aktiengesellschaft. Method for manufacturing boron-free silicon dioxide. 4,505,883, 3-19-85, Cl. 423-335.000.
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  Landa, Vaclav; and Vitek, Jaromir, 4,525,248, Cl. 204-29.000.
Vitek, Richard K., and Smoot, Jeffrey B., to Fotodyne, Incorporated. Photographic documentation systems for CRT or video imaging screens. 4,556,914, 12-3-85, Cl. 358-244.000.
Vitek Systems, Inc.: *See—*
  Robinson, John M.; and Rodgers, Gregory D., 4,532,206, Cl. 435-36.000.
Vitellaro, Antonio; and Sanfilippo, Giovanni, to Italkali Societa Italiana Sali Alcalini S.p.A. Process for producing high purity sodium chloride from potassium mineral flotation tailings. 4,541,832, 9-17-85, Cl. 23-303.000.
Vitins, Janis, to BBC Brown, Boveri & Company, Limited. Electronic chopper circuit and a method of operation. 4,545,006, 10-1-85, Cl. 363-124.000.
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Vito, Raymond P.; and Boehm, H. Russell. Carton cutting knife. 4,531,286, 7-30-85, Cl. 30-2.000.
Vitorge, Pierre: *See—*
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Vitovec, Jaroslav; Cermak, Jan; and Smolik, Jiri, to Ceskoslovenska akademie ved. Apparatus for the continuous desublimination of vapors of subliming substances. 4,528,006, 7-9-85, Cl. 55-269.000.
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  - Boschi, Alide, 4,557,747, Cl. 65-328.000.
  - Cardenas-Franco, Luis; and Veazey-Menendez, Enrique, 4,532,956, Cl. 137-340.000.
  - Curiel, Jesus V., 4,555,258, Cl. 65-319.000.
  - Luna, Alberto A. H., 4,556,405, Cl. 65-82.000.
- Vitrotex Saint-Gobain: *See—*
  - Bloemkolk, Willem, deceased; and Blanc, Andre, 4,555,373, Cl. 264-25.000.
- Vittay, Pal: *See—*
  - Toth, Edit; Torley, Jozsef; Fekete, Gyorgy; Szporny, Laszlo; Vereczkey, Laszlo; Palosi, Eva; Klebovich, Imre; Vittay, Pal; Gorog, Sandor; and Hajdu, Istvan, 4,508,926, Cl. 568-766.000.
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- Vittoria, Carmine, to United States of America, Navy. Amplitude and phase modulation in fin-lines by electrical tuning. 4,506,234, 3-19-85, Cl. 332-16.00R.
- Vittorio, Corni, to Comau S.p.A. Coding systems for elements of machine tools, particularly of the numerically controlled type. 4,533,823, 8-6-85, Cl. 235-375.000.
- Vitulli, Joseph L., Jr., to Magnetic Analysis Corporation. Method and system for rotary speed determination. 4,535,288, 8-13-85, Cl. 324-161.000.
- Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., to General Tire & Rubber Company, The. Preparation of lithium initiator for the preparation of star polymers. 4,497,748, 2-5-85, Cl. 260-665.00R.
- Vitus, Francis J.; Hargis, Ivan G.; Livigni, Russell A.; and Aggarwal, Sundar L., to GenCorp Inc. Star-shaped polymers for improved tire treads. 4,553,578, 11-19-85, Cl. 152-209.00R.
- Vitzthum, Otto G.; Werkhoff, Peter; and Gehrig, Manfred, to Hag GF Aktiengesellschaft. Recovery of caffeine adsorbed to activated carbon. 4,540,784, 9-10-85, Cl. 544-274.000.
- Vivarelli, Franco. Fishing reel with oscillating movement actuating lever. 4,524,922, 6-25-85, Cl. 242-84.10R.
- Vives, Charles, to Aluminium Pechiney. Process for casting metals in which magnetic fields are employed. 4,523,628, 6-18-85, Cl. 164-468.000.
- Vives, Charles, to Aluminium Pechiney. Process for the electromagnetic casting of metals involving the use of at least one magnetic field which differs from the field of confinement. 4,530,404, 7-23-85, Cl. 164-467.000.
- Vives, Jean-Patrick, to Les Cables de Lyon. Sealed connection connecting an undersea coaxial cable to a repeater and a method of making same. 4,521,642, 6-4-85, Cl. 174-70.00S.
- Vives, Van C., to Phillips Petroleum Company. Conductive polymer composition. 4,547,313, 10-15-85, Cl. 252-518.000.
- Vivian, Thomas A.: *See—*
  - Nankee, Robert J.; Vivian, Thomas A.; and Groves, Kenneth O., 4,543,364, Cl. 521-40.000.
- Vivier, Edward H. Method for chopping olives. 4,504,506, 3-12-85, Cl. 426-485.000.
- Vivier, Jacobus L., to Clasicon (Proprietary) Limited. Classifying means. 4,515,689, 5-7-85, Cl. 209-453.000.
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  - Kreitzer, Melvyn H., 4,523,816, Cl. 350-444.000.
  - Orban, John M., 4,513,238, Cl. 320-23.000.
- Vize, Richard J.: *See—*
  - Tindall, Gary W.; Lysenko, George P.; Vize, Richard J.; Kiefer, Edward H.; and Smith, Richard J., 4,518,195, Cl. 296-148.000.
- Vizecky, Donald F., to Steel Handlers' Manual and Steel Handloaders' Components, Inc. Method and apparatus for slitting shotgun shell wads. 4,516,460, 5-14-85, Cl. 83-861.000.
- Vizulis, Karlis: *See—*
  - von Reis, Charles; and Vizulis, Karlis, 4,561,868, Cl. 55-319.000.
- Vlach, Jiri: *See—*
  - Gruber, Gerhard; Moser, Peter; Conrad, Ulrich; and Vlach, Jiri, 4,530,682, Cl. 474-133.000.
- Vlahek, Josip: *See—*
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  - Kreuzgruber, Dietrich, 4,541,318, Cl. 83-409.000.
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  - Nagl, Martin, 4,507,079, Cl. 432-95.000.
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Vogt, Michael: *See—*
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Vogt, Peter: *See—*
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Vogt, Robert L., to General Electric Company. Fuel injection staged sectoral combustor for burning low-BTU fuel gas. 4,498,288, 2-12-85, Cl. 60-39.060.

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Zoche, Gunter; and Vogt, Wilhelm, 4,560,787, Cl. 560-52.000.

Vogt, William R.; and Wynne, John M., to Baker Industries Inc. Bidirectional, interactive fire detection system. 4,507,652, 3-26-85, Cl. 340-501.000.

Vogtel, Peter: *See—*
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Vohrer, Christoph. Process for producing a reinforced tube. 4,495,018, 1-22-85, Cl. 156-187.000.

Vohrer, Christoph. Plastic connector for hoses. 4,526,410, 7-2-85, Cl. 285-149.000.

Vohringer, Gerhard F., to ESB Elektrostatische Spruh- und Beschichtungsanlagen G.F. Vohringer GmbH. Powder spray booth. 4,504,292, 3-12-85, Cl. 55-325.000.

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Brian, Dow V.; and Hawes, Samuel R., 4,549,047, Cl. 179-18.00B.

Voigt, H. William, Jr., to United States of America, Army. Storage stable nitroglycerin. 4,514,341, 4-30-85, Cl. 260-467.000.

Voigt, H. William, Jr., to United States of America, Army. Process for unitary shaped-charge structure. 4,543,220, 9-24-85, Cl. 264-3.00C.

Voigt, Hartmut; Muck, Karl-Friedrich; Bar, Helmut; Mader, Herbert; Burg, Karlheinz; and Sextro, Gunter, to Hoechst Aktiengesellschaft. Process for the continuous manufacture of trioxane. 4,504,670, 3-12-85, Cl. 549-347.000.

Voigt, Karl; Kamm, Jurgen; and Norbert, John, to Rheinisch-Westfalisches Elektrizitatswerk Aktiengesellschaft. Boiler-heating assembly with oil- and coal-fired ignition burners. 4,555,994, 12-3-85, Cl. 110-261.000.

Voigt, Klaus-Peter: *See—*
Tischer, Kurt M.; Voigt, Klaus-Peter; and Zondler, Rolf, 4,505,685, Cl. 445-24.000.

Voigt, Manfred: *See—*
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Voigt, Walter: *See—*
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Voigt, William: *See—*
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Voigtmann, Lutz: *See—*
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Voillot, Herve, to Creusot-Loire. Apparatus for introducing projectiles into artillery turrets. 4,496,041, 1-29-85, Cl. 198-457.000.

Voirin, Jean-Philippe; and Cherbuy, Bernard, to Compagnie Internationale pour l'Informatique CII-Honeywell Bull (Societe Anonyme). Apparatus for applying solid developer particles to the recording element of a non-impact printer. 4,492,178, 1-8-85, Cl. 118-653.000.

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Voirin, Robert: *See—*

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Voirol, Peter: *See—*

Ruegg, Christoph; and Voirol, Peter, 4,505,979, Cl. 428-379.000.

Voisin, Eugene J.; Matthelie, Jean-Pierre A.; and Mesny, Jacques A., to Institut Textile de France. Regulating device for the length of thread absorbed by a knitting machine. 4,523,440, 6-18-85, Cl. 66-146.000.

Voisin, Paul H.: *See—*

Lee, Wai-Hon; and Voisin, Paul H., 4,508,808, Cl. 430-146.000.

Voisin, Suzanne M.: *See—*

Herrmann, John M.; and Voisin, Suzanne M., 4,536,122, Cl. 414-404.000.

Voit, Karl. Staking machine. 4,542,634, 9-24-85, Cl. 69-34.000.

Voith, Katherine: *See—*

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Voith Turbo GmbH & Co. KG: *See—*

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Voitov, Vladimir G.: *See—*

Stepanenko, Alexandr V.; Voitov, Vladimir G.; Klimenkov, Stepan S.; Bartashevich, Svyatoslav A.; and Karpitsky, Viktor S., 4,545,229, Cl. 72-73.000.

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Vojnovich, Theodore: *See—*

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Vokey, David E., to Canada Wire and Cable Limited. Method and apparatus for manufacturing cables having composite shield and armor sheath designs. 4,518,034, 5-21-85, Cl. 156-54.000.

Vokovich, Daniel L.: *See—*

Straub, Albert M.; Mabrey, Theodore R.; and Vokovich, Daniel L., 4,517,614, Cl. 360-85.000.

Volakakis, Dinos G. Rotisserie cooker. 4,512,248, 4-23-85, Cl. 99-341.000.

Volakakis, John G.; McNelis, Robert L.; and Wallentin, Burt H., to Handling Systems, Inc. Jib crane system having a rotatable mast. 4,511,048, 4-16-85, Cl. 212-253.000.

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Voland, Frederic. Horseshoe apparatus for Equidae. 4,503,914, 3-12-85, Cl. 168-18.000.

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Volin, Frank. Wheelchair width adjuster. 4,500,109, 2-19-85, Cl. 280-650.000.

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Hatfield, John G.; and Volinskie, Robert, 4,538,487, Cl. 81-9.510.

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Volk, Heinrich: *See—*

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Volk, Joseph A.: *See—*

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Volk, Joseph A., Jr.; and Volk, Joseph A., 4,543,835, Cl. 73-861.730.

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Volk, Rodney H.: *See—*

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Volk, Russell D., to Denice C. Reich Inc. Lubrication system for a walking beam compressor. 4,557,351, 12-10-85, Cl. 184-18.000.

Volkamer, Klaus; Wagner, Eckhart; and Wagner, Ulrich, to BASF Aktiengesellschaft. Removal of CO_2 and/or H_2S from gases. 4,553,984, 11-19-85, Cl. 55-46.000.

Volkamer, Klaus: *See—*

Wagner, Eckhart; Volkamer, Klaus; and Wagner, Ulrich, 4,537,753, Cl. 423-228.000.

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Volkart, Peter: *See—*

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Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, to Nixdorf Computer AG. Printing or typing apparatus with a rotating platen as well as guide devices for the paper. 4,497,588, 2-5-85, Cl. 400-645.100.

Volke, Hans-Werner; Hilkenmeier, Jurgen; Kohlhage, Hermann; and Tewes, Udo, to Nixdorf Computer AG. Printing and typing apparatus for the selective printing of single sheet or marginally perforated endless paper. 4,504,161, 3-12-85, Cl. 400-605.000.

Volkel, Elmar; and Bredow, Walter, to Behrens AG. Method of and a cutting press for separating parts from a workpiece plate. 4,546,683, 10-15-85, Cl. 83-27.000.

Volkel, Karl-Heinz: *See—*

Huttinger, Manfred; Steffen, Horst-Gunter; Volkel, Karl-Heinz; and Wutz, Karl, 4,528,971, Cl. 123-634.000.

Volker, Wolfgang; and Glastra, Hendrik, to Messer Griesheim GmbH. Procedure for creating an inert gas atmosphere with constant composition of nitrogen and carbon dioxide in a refrigerated container. 4,537,043, 8-27-85, Cl. 62-239.000.

Volker, Wolfgang: *See—*

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Volkers, Jack C.; and Conley, William R., to Illinois Tool Works Inc. Multilayer high attenuation shielding structure. 4,522,890, 6-11-85, Cl. 428-624.000.

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Volkert, Wynn A.: *See—*

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Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., 4,515,767, Cl. 424-1.100.

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Volkheimer, Klaus: *See—*

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Volkmann, Curtis L.: *See—*

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Volkmann, Klaus: *See—*

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Volkova, Ljubov I.: *See—*

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Volks, Gunter, to BBC Brown, Boveri & Company, Limited. Vertical, collector-type high-pressure feed water preheater, with a desuperheater casing. 4,537,157, 8-27-85, Cl. 122-412.000.

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Bortz, Botho; and Wulfes, Erwin, 4,518,172, Cl. 280-751.000.

Danckert, Hermann, 4,544,299, Cl. 403-150.000.

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Knudel, Gunter, 4,532,741, Cl. 52-99.000.

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Neumann, Joachim; Pickert, Detlef; and Emmenthal, Klaus-Dieter, 4,557,874, Cl. 261-19.000.

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Scholz, Romanus; Heidemeyer, Paulus; and Hofbauer, Peter, 4,531,605, Cl. 180-165.000.

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Vollbrecht, Heinz-Rudiger; Schutz, Erwin; and Sandner, Klaus, to SKW Trostberg Aktiengesellschaft. Process for drying of natural extracts prepared by high pressure extraction. 4,511,508, 4-16-85, Cl. 426-665.000.
Vollbrecht, Heinz-Rudiger, to SKW Trostberg Aktiengesellschaft. Process for obtaining cyanuric chloride in solid or liquid form. 4,533,733, 8-6-85, Cl. 544-190.000.
Vollenbroek, Franciscus A.; and Spiertz, Elisabeth J., to U.S. Philips Corporation. Method of manufacturing a semiconductor device. 4,499,177, 2-12-85, Cl. 430-311.000.
Vollers, Gary L. Screw cap remover. 4,509,784, 4-9-85, Cl. 294-99.100.
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Vollhardt, Frohmut; and Haacker, Heinz, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Upright apparatus for cooling high pressure gases containing a high dust content. 4,509,463, 4-9-85, Cl. 122-7.00R.
Vollhardt, Frohmut; and Haacker, Heinz, to M.A.N. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Method and apparatus for controlling the heating effect of high temperature gases to be supplied to a heat exchanger. 4,522,155, 6-11-85, Cl. 122-7.00R.
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Vollm, Ernst B., to Maschinenfabrik Schweiter AG. Method and apparatus for preparing and splicing yarn ends. 4,497,165, 2-5-85, Cl. 57-22.000.
Vollman, Leonard L., to Scale Free Systems, Inc. Apparatus for stimulating removal of electrolytic energy from fluids. 4,514,273, 4-30-85, Cl. 204-196.000.
Vollmann, William; and Mumford, Van E., to Cordis Corporation. Implantable cardiac pacer with discontinuous microprocessor programmable antitachycardia mechanisms and patient data telemetry. 4,561,442, 12-31-85, Cl. 128-419.0PG.
Vollmar, Kurt, to Pfaff Industriemaschinen GmbH. Presser foot device on a sewing machine. 4,508,043, 4-2-85, Cl. 112-235.000.
Vollmayr, Norbert, to Johannes Heidenhain GmbH. Apparatus and method for determining signal parameters of periodic square wave signals. 4,534,004, 8-6-85, Cl. 364-486.000.
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Vollmer, Erwin H.; and Glatthaar, Manfred. Sawtooth grinding machine. 4,532,830, 8-6-85, Cl. 76-45.000.
Vollmer, Jurgen; and Herchenbach, Paul, to Jean Walterscheid GmbH. Disengageable coupling mechanism for a drive shaft assembly. 4,560,300, 12-24-85, Cl. 403-11.000.
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Volpert, Fritz; and Stocker, Hans-Werner, to Luwa AG. Deformable container with filler unit. 4,557,956, 12-10-85, Cl. 428-35.000.
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Volz, Hartwig; and Willmann, Egon, to Deutsche Texaco Aktiengesellschaft. Apparatus for mixing a solution. 4,549,813, 10-29-85, Cl. 366-160.000.
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Grimm, Hermann; Volz, Wolfgang; Supper, Ottmar; and Pfeiffer, Martin, 4,560,973, Cl. 338-28.000.
Stolz, Albert; Volz, Wolfgang; and Sigmund, Gunther, 4,548,355, Cl. 236-37.000.
Waldmann, Heinrich; Halder, Prasanta; Volz, Wolfgang; and Stolz, Albert, 4,559,994, Cl. 165-41.000.
Vom Hofe, Dieter; and Meyer, Klaus, to Henkel Kommanditgesellschaft auf Aktien. Packaging container. 4,560,085, 12-24-85, Cl. 220-465.000.
Vomhoff, Erich: *See—*
Rothenbacher, Peter; and Vomhoff, Erich, 4,503,626, Cl. 34-110.000.
vom Stein, Karl: *See—*
Vossieck, Paul; and vom Stein, Karl, 4,558,872, Cl. 277-88.000.
Von Arx A.G. Maschinenfabrik: *See—*
Dummermuth, Paul, 4,523,361, Cl. 29-81.00J.
Von Roll AG: *See—*
Elsner, Emil; Reiber, Dietfried; Messmer, Josef; and Kaiser, Peter, 4,498,185, Cl. 373-93.000.
Nyffeler, Heinz; and Buri, Rudolf, 4,530,520, Cl. 285-21.000.
Nyffeler, Heinz; and Banholzer, Guido, 4,530,521, Cl. 285-21.000.
Von Roll Hydraulik AG: *See—*
Meister, Erwin, deceased, 4,531,540, Cl. 137-492.500.
von Ahrens, Roger W., to Robvon Backing Ring Company. Method for manufacturing consumable welding spacer. 4,515,000, 5-7-85, Cl. 72-278.000.
von Alpen, Ulrich; Schindler, Stefan; and Schelter, Heinrich, to Varta Batterie Aktiengesellschaft. Ceramic substrate support for electronic components and integrated electronic circuits. 4,504,120, 3-12-85, Cl. 350-357.000.
von Angerer, Erwin; and Schonenberger, Helmut, to Degussa Aktiengesellschaft. 2-(Hydroxy-phenyl)-indoles and process for their production. 4,543,360, 9-24-85, Cl. 514-415.000.
von Aschwege, J. Thomas: *See—*
Beynet, Pierre A.; and von Aschwege, J. Thomas, 4,516,881, Cl. 405-195.000.
Von Au, Gunter; Wegehaupt, Karl-Heinrich; Schiller, August; and Braunsperger, Karl, to Wacker-Chemie GmbH. Oxime containing compositions which crosslink in the presence of moisture to form elastomers at room temperature. 4,503,210, 3-5-85, Cl. 528-33.000.
von Au, Gunter; Innertsberger, Ernst; Schmidlkofer, Jakob; and Kaiser, Wolfgang, to Wacker-Chemie GmbH. Fluoroalk[illegible]yalkyl containing organopolysiloxanes. 4,549,004, 10-22-85, Cl. 528-42.000.
von Au, Gunter: *See—*
Huhn, Karl; and von Au, Gunter, 4,555,419, Cl. 427-387.000.
vonBebenburg, Marie, executrix: *See—*
vonBebenburg, Walter, deceased; Heese, Joachim; Engel, Jurgen; and Thiele, Kurt, 4,554,281, Cl. 514-353.000.
vonBebenburg, Walter, deceased (by vonBebenburg, Marie, executrix); Heese, Joachim; Engel, Jurgen; and Thiele, Kurt, to Degussa Aktiengesellschaft. 2-Amino-3-acylamino-6-benzylamino-pyridine-derivative having antiepileptic action. 4,554,281, 11-19-85, Cl. 514-353.000.
von Beckmann, Helmuth, to Canron Inc. Device for tamping railroad track adjacent the tie ends thereof. 4,535,700, 8-20-85, Cl. 104-12.000.
vonBergen, Otto E. Wire fence strand spreader. 4,507,987, 4-2-85, Cl. 81-485.000.
von Bieren, Karlheinz, to Rockwell International Corporation. Pencil beam interferometer. 4,498,773, 2-12-85, Cl. 356-360.000.
von Bieren, Karlheinz, to Rockwell International Corporation. Phase grating pulse stacker. 4,552,435, 11-12-85, Cl. 350-169.000.
von Bittera, Miklos; Federmann, Manfred; von Gizycki, Ulrich; Schapel, Dietmar; Stendel, Wilhelm; Voege, Herbert; and Dorn,

Hubert, to Bayer Aktiengesellschaft. Ectoparasiticide-containing collars for pets. 4,543,247, 9-24-85, Cl. 424-14.000.
von Bittera, Miklos; Dorn, Hubert; Schapel, Dietmar; Stendal, Wilhelm; Voege, Herbert; Federman, Manfred; and von Gizycki, Ulrich, to Bayer Aktiengesellschaft. Ectoparasiticide-containing polyurethanes. 4,544,547, 10-1-85, Cl. 424-14.000.
von Blucher, Hasso: *See*—
  Blucher, Hubert; von Blucher, Hasso; and de Ruiter, Ernest, 4,510,193, Cl. 428-196.000.
  von Blucher, Hubert; von Blucher, Hasso; and de Ruiter, Ernest, 4,554,198, Cl. 428-143.000.
von Blucher, Hubert; von Blucher, Hasso; and de Ruiter, Ernest. Waterproof and air-tight, moisture-conducting textile material. 4,554,198, 11-19-85, Cl. 428-143.000.
von Bonin, Wulf; Mummenhoff, Peter; Beck, Ulrich; and Baumgen, Heinz, to Bayer Aktiengesellschaft. Sizes. 4,499,153, 2-12-85, Cl. 428-479.600.
von Bonin, Wulf; and Jonas, Friedrich, to Bayer Aktiengesellschaft. Optionally foamed intumescent masses prepared from polyisocyanates, hydroxyl compounds and melamine phosphates. 4,529,742, 7-16-85, Cl. 521-107.000.
von Buelow, John; and Hauser, Stephen G., to United States Borax & Chemical Corporation. Wall-mounted soap dispenser. 4,493,440, 1-15-85, Cl. 222-109.000.
von Burg, Paul; Wirz, Armin; and Graf, Felix, to Rieter Machine Works, Ltd. Heatable godet. 4,519,778, 5-28-85, Cl. 432-35.000.
von Conta, Peter E. W., to Hearthstone Corporation, The. Secondary combustion system for woodburning stove. 4,553,526, 11-19-85, Cl. 126-58.000.
Von Dach, Bernard. Method for adjusting the frequency of a piezoelectric crystal resonator. 4,562,370, 12-31-85, Cl. 310-312.000.
von Daehne, Welf, to Leo Pharmaceutical Products Ltd. A/S (Lovens Kemiske Produktionsaktienselskab). Substantially pure dicyclohexyl ammonium 6-β-bromo-penicillanate. 4,511,512, 4-16-85, Cl. 260-245.20R.
von dem Bussche, Glenn T.: *See*—
  Nichols, James D.; Derby, Richard; von dem Bussche, Glenn T.; and Hannum, David A., 4,557,838, Cl. 252-8.55C.
Vonder, David L.: *See*—
  Reimer, William A.; and Vonder, David L., 4,548,450, Cl. 339-17.00C.
von der Bey, Thomas; Jankowski, Detlef; Schmidt, Hartmut; Thoma, Klemens; and Volker, Wolfgang, to Messer Griesheim GmbH. Device for generating a dry, cold air flow for treatment of rheumatic diseases. 4,532,779, 8-6-85, Cl. 62-514.00R.
von der Brake, Dieter, to International Standard Electric Corporation. Radiation detecting arrangement for counting an ionizing radiation. 4,501,989, 2-26-85, Cl. 313-93.000.
von der Decken, Claus-Benedict: *See*—
  Iniotakis, Nicolaos; and von der Decken, Claus-Benedict, 4,533,539, Cl. 423-648.00A.
von der Eltz, Hans-Ulrich; and Oppitz, Peter, to Hoechst Aktiengesellschaft. Device for the continuous dyeing and/or finishing of wet textile webs. 4,546,624, 10-15-85, Cl. 68-13.00R.
von der Heide, Johann; and Schuh, Bernhard, to Papst-Motoren GmbH & Co. KG. Method of and apparatus for driving a disk storage. 4,497,002, 1-29-85, Cl. 360-97.000.
von der Heide, Johann; and Papst, Georg, to Papst-Motoren GmbH & Co. KG. Components for polyphase linear motors. 4,528,466, 7-9-85, Cl. 310-12.000.
von der Heide, Johann, to Papst-Motoren GmbH & Co. KG. Drive arrangement for signal processing equipment. 4,556,829, 12-3-85, Cl. 318-254.000.
von der Heide, Johann: *See*—
  Elsaesser, Dieter; von der Heide, Johann; Muller, Rolf; and Papst, Georg, 4,519,010, Cl. 360-97.000.
von der Ohe, Manfred: *See*—
  Enke, Kurt; Hespelt, Achim; Hertler, Eberhard; von der Ohe, Manfred; and Saftien, Udo, 4,561,640, Cl. 267-20.00A.
  Jeglitzka, Maximilian; and von der Ohe, Manfred, 4,557,469, Cl. 267-20.00A.
Vonderwahl, Rodolphe: *See*—
  Polony, Rudolf; Reinert, Gerhard; Holzle, Gerd; Pugin, Andre; and Vonderwahl, Rodolphe, 4,530,924, Cl. 514-191.000.
Vondran, Gary L. Concrete permeability testing device and method. 4,524,604, 6-25-85, Cl. 73-38.000.
von Ettingshausen, Othmar: *See*—
  Gobel, Gerd; Behr, Norbert; van der Mei, Henk; Carduck, Franz-Josef; and von Ettingshausen, Othmar, 4,491,600, Cl. 426-384.000.
Vongeheur, Hermann-Otto, to Winkler & Dunnebier Maschinenfabrik und Eisengiesserei GmbH & Co. KG. Apparatus for pouring confectionary solution. 4,526,299, 7-2-85, Cl. 222-146.400.
Vongeheur, Hermann-Otto, to Winkler & Dunnebier Maschinenfabrik und Eisengiesserei GmbH & Co. KG. Method for pouring confectionery solution. 4,546,005, 10-8-85, Cl. 426-660.000.
Von Gentzkow, Wolfgang; Schmiedel, Manfred; and Tussing, Reinhold, to Siemens Aktiengesellschaft. Method and apparatus for the manufacture of N,N'-bis-(aroyl)hydrazines. 4,550,204, 10-29-85, Cl. 564-134.000.
von Gierke, Henning E.; and Marko, Adolf R., to United States of America, Air Force. Measurement of visual contrast sensitivity. 4,511,228, 4-16-85, Cl. 351-243.000.
von Gise, Hardo F. Incubating apparatus for selective and exact treatment of histological preparations. 4,543,236, 9-24-85, Cl. 422-50.000.
von Gizycki, Ulrich: *See*—
  Sirinyan, Kirkor; Wolf, Gerhard D.; Merten, Rudolf; and von Gizycki, Ulrich, 4,554,183, Cl. 427-306.000.
  von Bittera, Miklos; Federmann, Manfred; von Gizycki, Ulrich; Schapel, Dietmar; Stendel, Wilhelm; Voege, Herbert; and Dorn, Hubert, 4,543,247, Cl. 424-14.000.
  von Bittera, Miklos; Dorn, Hubert; Schapel, Dietmar; Stendal, Wilhelm; Voege, Herbert; Federman, Manfred; and von Gizycki, Ulrich, 4,544,547, Cl. 424-14.000.
Von Gruenberg, Gregory: *See*—
  Huang, Jen-chi; Von Gruenberg, Gregory; and Riley, Donald J., 4,548,683, Cl. 204-129.400.
Von Grunberg, Hubertus; Corey, Frederick C.; and Rowell, Jonathan M., to ITT Industries, Inc. Vehicle wheel axle and brake mounting assembly. 4,491,340, 1-1-85, Cl. 280-668.000.
Von Grunberg, Hubertus; Rowell, Jonathan M.; and Corey, Frederick C., to International Telephone and Telegraph Corporation. Dust boot for a disc-brake actuating cylinder-and-piston unit. 4,537,289, 8-27-85, Cl. 188-97.400.
von Gutfeld, Robert J.; and Wang, Sherman S., to United States of America, Navy. Apparatus for generating a focusable and scannable ultrasonic beam for non-destructive examination. 4,512,197, 4-23-85, Cl. 73-643.000.
Von Gutfeld, Robert J.: *See*—
  Geichinski, Mordechai H.; Romankiw, Lubomyr T.; Vigliotti, Donald R.; and Von Gutfeld, Robert J., 4,497,692, Cl. 204-15.000.
von Hagen, Wolf R., to Union Special GmbH. Sewing machine lubrication system. 4,498,406, 2-12-85, Cl. 112-256.000.
von Hagen, Wolf R., to Union Special GmbH. Sewing machine having a driven feed roller. 4,526,119, 7-2-85, Cl. 112-322.000.
von Halasz, Sigmar: *See*—
  Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,500,437, Cl. 252-8.55C.
  Engelhardt, Friedrich; Kuhlein, Klaus; Riegel, Ulrich; von Halasz, Sigmar; Dawson, Jeffery C.; and Reed, Anthony R., 4,551,513, Cl. 526-307.100.
von Herrmann, Pieter J.: *See*—
  Leskovec, Robert A.; Davenport, John M.; and von Herrmann, Pieter J., 4,555,647, Cl. 315-179.000.
von Hiddessen, Gotz; and Wachtel, Dieter, to Daimler-Benz Aktiengesellschaft. Mounting of a differential gear in an undivided axle housing. 4,543,853, 10-1-85, Cl. 74-713.000.
VonHoene, Robert M.: *See*—
  Anderson, Philip M., III; Hasegawa, Ryusuke; and VonHoene, Robert M., 4,553,136, Cl. 340-572.000.
von Hoessle, Wolfgang: *See*—
  Gruber, Ernst; and von Hoessle, Wolfgang, 4,491,029, Cl. 74-5.100.
von Hofen, Edward L. Universal platform chain. 4,524,865, 6-25-85, Cl. 198-852.000.
Von Holdt, John W. Molded bucket and lid having high stack strength. 4,512,493, 4-23-85, Cl. 220-306.000.
Von Holdt, John W. Plastic container having tongue and groove retention. 4,512,494, 4-23-85, Cl. 220-307.000.
Von Holdt, John W. Simplified collapsible mold core. 4,533,312, 8-6-85, Cl. 425-438.000.
von Holten, Ernest; and Moseley, Robin C., to DASA Corporation. Repertory dialer with efficient data storage. 4,503,291, 3-5-85, Cl. 179-90.0AN.
von Huth Smith, Ulf M., to Danfoss A/S. Hydrostatic steering system. 4,505,110, 3-19-85, Cl. 60-384.000.
Vonk, Bernardus J.: *See*—
  Krol, Thijs; and Vonk, Bernardus J., 4,512,020, Cl. 371-37.000.
von Kaenel, Fred: *See*—
  Plattner, Eric; Staubli, Sebastian; and von Kaenel, Fred, 4,510,100, Cl. 260-508.000.
von Karchowski, Wilhelm, to Laeis-Werke AG. Apparatus for producing deep, conical or cylindrical ceramic hollow bodies from a powdered or granular pressed mass by isostatic compression. 4,533,311, 8-6-85, Cl. 425-405.00H.
Von Kohorn, Henry. System, apparatus and method for recording and editing broadcast transmissions. 4,520,404, 5-28-85, Cl. 358-335.000.
von Laar, Klaus; Heberlein, Werner; and Burda, Josef, to Diehl GmbH & Co. Fin-stabilized projectile with propellant cage. 4,534,294, 8-13-85, Cl. 102-520.000.
von Laufenberg, Jurgen: *See*—
  Christophliemk, Peter; Novotny, Rudolf; von Laufenberg, Jurgen; and Sadlowsky, Josef, 4,499,062, Cl. 423-332.000.
  Christophliemk, Peter; von Laufenberg, Jurgen; Novotny, Rudolf; Staller, Siegfried; and Diekotter, Friedrich W., 4,557,907, Cl. 423-119.000.
von Lersner, Wolf A.; Cheeseman, Edward W.; Simpson, Thomas K.; and Weaver, George R., to Campbell Soup Company. Method and apparatus for assembling food ingredients. 4,554,955, 11-26-85, Cl. 141-1.000.
von Maydell, Ignaz, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Arrangement in low-flying weapons carriers for combating ground targets. 4,494,437, 1-22-85, Cl. 89-1.510.
von Meyer, William C.: *See*—
  Brill, Winston J.; and von Meyer, William C., 4,504,468, Cl. 424-147.000.
von Michalofski, Erik: *See*—
  van Dijk, Jacobus C.; and von Michalofski, Erik, 4,501,015, Cl. 381-103.000.

- Von Muller, Francis. Firearm magazine lock. 4,532,729, 8-6-85, Cl. 42-1.0LP.
- von Nieda, Kurt: *See—*
  - Carll, Richard T.; Fastnia, Anthony J.; and von Nieda, Kurt, 4,551,832, Cl. 370-58.000.
- von Othegraven, Achim. Apparatus for stretching and strengthening the back muscles. 4,517,966, 5-21-85, Cl. 128-75.000.
- von Pechmann, Heinz A. Gas tight plug valve. 4,506,696, 3-26-85, Cl 137-246.110.
- von Philipp, Fritz; and Schimanski, Georg, to GLOBOL-WERK GmbH. Apparatus for vaporizing insecticides, perfumes and/or other volatile agents. 4,526,320, 7-2-85, Cl. 239-43.000.
- von Philipsborn, Gerda: *See—*
  - Binnig, Fritz; Mueller, Claus D.; Raschack, Manfred; and von Philipsborn, Gerda, 4,556,662, Cl. 514-300.000.
  - Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.
- von Pieverling, Klaus, to Siemens Aktiengesellschaft. On-board orientation device for aircraft. 4,536,763, 8-20-85, Cl. 343-9.00R.
- von Pragenau, George L., to United States of America, National Aeronautics and Space Administration. Damping seal for turbomachinery. 4,545,586, 10-8-85, Cl. 277-53.000.
- von Praun, Ferdinand: *See—*
  - Gude, Fritz; and von Praun, Ferdinand, 4,562,264, Cl. 549-261.000.
- von Rappard, Gerhard; and Grundmann, Jurgen, to Walter Rau Lebensmittelwerke GmbH & Co. KG. Method for crystallizing a substance from a solution. 4,507,244, 3-26-85, Cl. 260-428.500.
- von Reis, Charles; and Vizulis, Karlis. Canister filter assembly. 4,561,868, 12-31-85, Cl. 55-319.000.
- von Resch, Julius M., to Gretsch-Unitas GmbH. Hardware for moving a sash into laterally displaced parallel positions. 4,551,945, 11-12-85, Cl. 49-221.000.
- von Resch, Julius M., to Gretsch-Unitas GmbH. Ventilator apparatus. 4,557,321, 12-10-85, Cl. 165-122.000.
- von Ronai-Horvath, Michael; and Schonung, Bernhard, to SKF Kugellagerfabriken GmbH. Apparatus for controlling passage of material through textile spinning or twisting machine. 4,501,114, 2-26-85, Cl. 57-81.000.
- von Schuckmann, Alfred. Dispenser for the portioned dispensing of, in particular, pasty masses. 4,538,747, 9-3-85, Cl. 222-260.000.
- von Schwerdtner, Otto; and Judith, Hans, to Kraftwerk Union Aktiengesellschaft. Flow control valve, especially for use in controlling the operation of steam turbines. 4,506,860, 3-26-85, Cl. 251-124.000.
- von Schwerdtner, Otto; Gossen, Hans; Gunther, Jurgen; and Peters, Hans, to Kraftwerk Union Aktiengesellschaft. Turbine condenser with at least one bypass steam inlet leading into the steam dome. 4,530,212, 7-23-85, Cl. 60-657.000.
- von Seggern, Ernest. Two cycle engine with dynamic stratification and method of operation therefor. 4,543,928, 10-1-85, Cl. 123-262.000.
- von Seggern, Heinz; and Wang, Tsuey T., to AT&T Bell Laboratories. Polarizing of piezoelectric material. 4,512,941, 4-23-85, Cl. 264-22.000.
- von Seggern, Heinz, to AT&T Bell Laboratories. Stable positively charged Teflon electrets. 4,527,218, 7-2-85, Cl. 361-233.000.
- von Seyerl, Joachim, to SKW Trostberg Aktiengesellschaft. Agent and method for the stabilization of polyvinyl chloride against heat and light. 4,508,638, 4-2-85, Cl. 252-401.000.
- von Seyerl, Joachim: *See—*
  - Michaud, Horst; and von Seyerl, Joachim, 4,492,679, Cl. 423-268.000.
- Von Sichart, Frithjof; and Wiedeburg, Klaus, to Siemens Aktiengesellschaft. Method and circuit arrangement for transliteration of code words. 4,547,765, 10-15-85, Cl. 340-347.0DD.
- von Sivers, Rolf, to Dr. Ing. h.c.F. Porsche AG. Drive aggregate. 4,503,926, 3-12-85, Cl. 180-75.200.
- von Sivers, Rolf, to Dr. Ing. h.c.F. Porsche AG. Apparatus for vibration isolation attachment of subframe or aggregate holder. 4,531,761, 7-30-85, Cl. 280-785.000.
- von Sprecher, Andreas: *See—*
  - Haas, Georges; von Sprecher, Andreas; and Ferrini, Pier G., 4,523,030, Cl. 562-460.000.
- von Stein, Gunther: *See—*
  - Zerhoch, Georg; Sauter, Josef; Kiederle, Richard; and von Stein, Gunther, 4,543,739, Cl. 38-15.000.
- von Szadkowski, Gerd: *See—*
  - Brunn, Horst; Hund, Franz; Rambold, Wolfgang; Kresse, Peter; and von Szadkowski, Gerd, 4,492,600, Cl. 106-14.340.
- von Tomkewitsch, Sybille; and Schmidt, Hans-Friedrich, to Siemens Aktiengesellschaft. Method of producing conductive plastics. 4,548,740, 10-22-85, Cl. 252-511.000.
- von Torklus, Detlef; Thum, Oskar; and Wilharm, Friedrich. Knee joint bandage. 4,532,921, 8-6-85, Cl. 128-80.00C.
- Von Wallenberg, Ducius: *See—*
  - Dittner, Adam; Schurr, Heinrich; and Von Wallenberg, Ducius, 4,511,971, Cl. 364-426.000.
- von Weissenfluh, Hans C., to Hawe-Neos Dental Dr. H. v. Weissenfluh S.A. Angular mold for dental use. 4,500,288, 2-19-85, Cl. 433-40.000.
- von Wichert, Nils; and Schwenke, Dieter, to Hauni-Werke Korber & Co. KG. Apparatus for intermittently actuating heating tools in packing machines. 4,502,908, 3-5-85, Cl. 156-350.000.
- von Winnicki, Kalixt, to Siemens Aktiengesellschaft. Current supply device for series-fed electronic circuits. 4,555,660, 11-26-85, Cl. 323-224.000.
- Voorheis Industries, Inc.: *See—*
  - Voorheis, James T., 4,526,322, Cl. 239-404.000.
- Voorheis, James T., to Voorheis Industries, Inc. Flow-reversing nozzle assembly. 4,526,322, 7-2-85, Cl. 239-404.000.
- Voorheis, Temple S., to Coen Company, Inc. System for the reduction of NO_x emissions. 4,511,325, 4-16-85, Cl. 431-10.000.
- Voorhis, Ray: *See—*
  - Cholin, John M.; Voorhis, Ray; and Cholin, Jeffrey G., 4,553,031, Cl. 250-339.000.
- Voorhoeve, Rudolf J. H., to AT&T Bell Laboratories. Catalytic process for the production of urea and ammonium cyanate. 4,542,006, 9-17-85, Cl. 423-365.000.
- Voors, Wilhelm P. H.: *See—*
  - Servas, Vladimiros; and Voors, Wilhelm P. H., 4,540,287, Cl. 366-7.000.
- Voplex Corporation: *See—*
  - Gonas, Albert J., 4,502,181, Cl. 16-126.000.
  - vanManen, Dick T., 4,547,954, Cl. 29-458.000.
  - Wnuk, Jack G., 4,525,231, Cl. 156-185.000.
- Vora, Bipin V., to UOP Inc. High selectivity process for dehydrogenation of paraffinic hydrocarbons. 4,520,214, 5-28-85, Cl. 585-254.000.
- Vora, Bipin V., to UOP Inc. Process for converting paraffins to olefins. 4,523,045, 6-11-85, Cl. 585-254.000.
- Vora, Bipin V., to UOP Inc. Process for the selective production of alkylbenzenes. 4,523,048, 6-11-85, Cl. 585-323.000.
- Vora, Bipin V.: *See—*
  - Berg, Roy C.; Malloy, Thomas P.; and Vora, Bipin V., 4,520,218, Cl. 585-449.000.
- Vora, Madhukar B.; and Patel, Vikram M., to Fairchild Camera & Instrument Corporation. Method of fabricating power MOSFET structure utilizing self-aligned diffusion and etching techniques. 4,503,598, 3-12-85, Cl. 29-571.000.
- Vora, Madhukar B., to Fairchild Camera & Instrument Corporation. Method of making an integrated injection logic cell having self-aligned collector and base reduced resistance utilizing selective diffusion from polycrystalline regions. 4,512,075, 4-23-85, Cl. 29-577.00C.
- Vora, Madhukar B., to Fairchild Camera & Instrument Corporation. Bipolar memory cell. 4,543,595, 9-24-85, Cl. 357-71.000.
- Vora, Madhukar B., to Fairchild Camera & Instrument Corporation. Process for fabricating a lateral transistor having self-aligned base and base contact. 4,545,113, 10-8-85, Cl. 29-578.000.
- Vora, Mahasukh; and Malhotra, Rajender, to Varian Associates, Inc. Missing or broken wafer sensor. 4,513,430, 4-23-85, Cl. 377-39.000.
- Vorbornik, Vaclay: *See—*
  - Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.
- Vorbrodt, Hans-Matthias: *See—*
  - Demus, Dietrich; Vorbrodt, Hans-Matthias; Hauser, Anton; Vogel, Jorg; and Zaschke, Horst, 4,521,327, Cl. 252-299.610.
- Vorbrueggen, Helmut, to Schering Aktiengesellschaft. Process for the preparation of carbacyclin intermediates. 4,554,363, 11-19-85, Cl. 549-415.000.
- Vorbrueggen, Helmut: *See—*
  - Nickolson, Robert; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; and Haberey, Martin, 4,532,236, Cl. 514-184.000.
  - Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Casals-Stenzel, Jorge; Schillinger, Ekkehard; Mannesmann, Gerda; and Nieuweboer, Bob, 4,497,830, Cl. 514-277.000.
  - Skuballa, Werner; Raduechel, Bernd; Vorbrueggen, Helmut; Mannesmann, Gerda; Nieuweboer, Bob; and Town, Michael H., 4,552,875, Cl. 514-234.000.
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- Vorhauer, Hans, to Maschinenfabrik Alfred Schmermund GmbH & Co. Device for supplying and for bringing together a web of packaging material and a tear strip web. 4,498,274, 2-12-85, Cl. 53-412.000.
- Vornberger, George F., to Senco Products, Inc. Piston and driver. 4,530,455, 7-23-85, Cl. 227-130.000.
- Vornberger, Karl F., to International Shoe Machine Corporation. Side and heel lasting machine. 4,553,281, 11-19-85, Cl. 12-8.100.
- Vornberger, Walter, to International Shoe Machine Corporation. Adhesive applicator. 4,517,697, 5-21-85, Cl. 12-10.500.
- Vornfett, Karl-Ulrich: *See—*
  - Steinke, Hermann O.; Steinke, Roland; and Vornfett, Karl-Ulrich, 4,498,362, Cl. 83-304.000.
- Vorobiev, Anatoly P.: *See—*
  - Sidorenko, Georgy I.; Lopato, Georgy P.; Yakubovich, Vladimir M.; Nikitin, Yaroslav G.; Usachev, Oleg I.; and Vorobiev, Anatoly P., 4,499,904, Cl. 128-703.000.
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- Voronin, Evgeny F.: *See—*
  - Chuiko, Alexei A.; Morev, Anatoly V.; Golovkov, Alexandr S.; Smirnov, Valentin A.; Voronin, Evgeny F.; Evlakhova, Raisa A.; Guba, Galina Y.; Slushnene, Iolita R.; Pasvyanskas, Arunas V.; and Sushko, Roman V., 4,540,652, Cl. 430-84.000.
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  Voronin, Grigory I.; Suslov, Alexandr D.; Chizhikov, Jury V.; Ivanov, Sergei V.; and Voronin, Valentin G., 4,531,371, Cl. 62-5.000.

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  Lazarev, Vladislav B.; Panasjuk, Georgy P.; Danchevskaya, Marina N.; Gavrilko, Vladimir M.; Kreisberg, Valery A.; Budova, Galina P.; Torbin, Sergei N.; and Voroshilov, Igor L., 4,529,430, Cl. 65-33.000.

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  Bragin, Boris F.; Kolomiets, Alexandr S.; Korotkikh, Jury B.; Markuntovich, Felix D.; Olofinsky, Evgeny P.; Gladky, Petr V.; Perepletchikov, Evgeny F.; and Ekber, Boris Y., 4,534,540, Cl. 251-203.000.

Vorspaget, Alexander: *See—*
  Jansen, Gerardus L. M.; and Vorspaget, Alexander, 4,545,046, Cl. 369-111.000.

Vortec Corporation: *See—*
  Collins, C. Neal; and Peter, Joseph E., 4,555,059, Cl. 239-425.000.

Vortex Innerspace Products, Inc.: *See—*
  Dockery, Denzel J., 4,559,136, Cl. 210-169.000.

Vorwald, Josef: *See—*
  Braitsch, Hans; Ortwein, Hermann; and Vorwald, Josef, 4,500,037, Cl. 238-2.000.

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  Ahlf, Heinz-Jurgen; Guhne, Wieland; Wulf, Peter; and Simm, Hans-Peter, 4,538,322, Cl. 15-387.000.
  Aschoff, Hans-Joachim; and Cholewa, Lothar, 4,517,502, Cl. 318-474.000.
  Becker, Dietmar; and Wilcke, Klaus-Dieter, 4,550,268, Cl. 310-239.000.
  Komesker, Heinrich; and Helmes, Ludger, 4,532,667, Cl. 15-49.00C.
  Sternberg, Kurt, 4,531,249, Cl. 15-49.00C.
  Troger, Wolfgang; Mesmer, Otto; and Friedrichs, Renate, 4,561,992, Cl. 252-155.000.

Vorwerk, Donald A.: *See—*
  Heidmann, Kurt R.; and Vorwerk, Donald A., 4,503,948, Cl. 188-72.800.

Vorwerk, Frederick E.; and Mundloch, James D., to ACF Industries, Incorporated. Hopper slope sheet support and connecting means. 4,498,400, 2-12-85, Cl. 105-248.000.

Vorwerk, Frederick E.: *See—*
  Ruhmann, Douglas C.; Vorwerk, Frederick E.; and Mundloch, James D., 4,497,258, Cl. 105-248.000.

Vos, Cornelis: *See—*
  Koene, Casper H.; Vos, Cornelis; and Brasser, Jan, 4,534,983, Cl. 426-293.000.

Vos, Jan: *See—*
  Maijers, Andries C.; and Vos, Jan, 4,546,209, Cl. 174-52.0PE.

Vosacek, Robert H., to International Business Machines Corporation. Method and apparatus for limiting allocated data-storage space in a data-storage unit. 4,499,539, 2-12-85, Cl. 364-200.000.

Vosbikian, John: *See—*
  Strahs, Martin P.; and Vosbikian, John, 4,524,938, Cl. 248-110.000.

Voser, Max: *See—*
  Prenner, Herbert; Ulrich, Urban; Voser, Max; and Zimmerli, Beat, 4,528,469, Cl. 310-59.000.

Voslamber, Bram J. Sail and rigging for a sailing-apparatus. 4,501,216, 2-26-85, Cl. 114-102.000.

Vosmeyer, Wilhelm; Cole, Roderick; and Slezak, Pavel J., to KHD Canada Inc. Air-cooled, reciprocating piston, internal combustion engine with cylinder heads forming arcuate or S-shaped cooling ducts therebetween. 4,515,111, 5-7-85, Cl. 123-41.610.

Voso, Philip T.: *See—*
  Walters, Johnnie J.; Voso, Philip T.; and Caldwell, Karl N., 4,501,780, Cl. 428-35.000.
  Weinberg, Alan S.; Wofford, B. Gary; and Voso, Philip T., 4,555,025, Cl. 206-497.000.

Vosper, George W. Sunglasses pivotally mounted on browbar of spectacle frame. 4,534,627, 8-13-85, Cl. 351-47.000.

Vosper Hovermarine Limited: *See—*
  Tattersall, Edward G., 4,529,054, Cl. 180-118.000.

Voss, Charles V. Apparatus and method for use in detonating a pipe-conveyed perforating gun. 4,544,035, 10-1-85, Cl. 166-299.000.

Voss, Ernst, to Varta Batterie Aktiengesellschaft. Polyacetylene cell with ceramic solid electrolyte. 4,557,985, 12-10-85, Cl. 429-191.000.

Voss, Gunther; and Gruber, Peter, to Boehringer Ingelheim GmbH. Method for ink-jet printing on uncoated tablets or uncoated tablet cores. 4,548,825, 10-22-85, Cl. 426-383.000.

Voss, Houston F.; Plattner, Jacob; and Herrin, Thomas R., to Abbott Laboratories. Ligand analog-irreversible enzyme inhibitor conjugates. 4,550,163, 10-29-85, Cl. 544-244.000.

Voss, James R., to AMBAC Industries, Incorporated. Electrical fuel control system and method for diesel engines. 4,502,437, 3-5-85, Cl. 123-357.000.

Voss, Jurgen; Dombkowski, Otto; Kudlich, Walter; and Stodulka, Jan, to Wacker-Chemie GmbH. Packaging unit for semiconductor wafers. 4,555,024, 11-26-85, Cl. 206-454.000.

Voss, Raymond G.: *See—*
  Christensen, Don C.; and Voss, Raymond G., 4,532,310, Cl. 525-537.000.

Voss, Roy N.; and Peplow, Marvin J., to Ideal Industries, Inc. Wire marker dispenser. 4,530,472, 7-23-85, Cl. 242-55.300.

Voss, Roy N.: *See—*
  Masheris, Fred; Michaels, Leonard H.; Scott, William J.; and Voss, Roy N., 4,549,038, Cl. 174-65.0SS.

Voss, Wolf-Dietrich: *See—*
  Horsky, Anton; Kuhn, Siegfried; and Voss, Wolf-Dietrich, 4,536,112, Cl. 409-134.000.

Vossebeld, Arnold: *See—*
  Schrijver, Jan; and Vossebeld, Arnold, 4,533,696, Cl. 524-528.000.

Vossen, Franz, to Meurer Non Food Product GmbH. Container made of cardboard or the like material and blank for said container. 4,505,422, 3-19-85, Cl. 229-37.00R.

Vossen, Franz, to Meurer Non Food Product GmbH. Disc cover for a frying pan or vessel. 4,521,233, 6-4-85, Cl. 55-384.000.

Vossen, Franz, to Meurer Druck & Carton GmbH. Sheet processing apparatus. 4,544,367, 10-1-85, Cl. 493-1.000.

Vossenkemper, Earl H. Tire chain mounting device. 4,513,800, 4-30-85, Cl. 152-213.00A.

Vossieck, Paul; and Deuring, Hans, to Goetze AG. Lip sealing ring in an internal combustion engine. 4,531,483, 7-30-85, Cl. 123-188.00P.

Vossieck, Paul; and vom Stein, Karl, to Goetze AG. Slide ring seal assembly with novel compression spring. 4,558,872, 12-17-85, Cl. 277-88.000.

Vossoughi, Sohrab: *See—*
  Gysling, Peter; and Vossoughi, Sohrab, 4,559,031, Cl. 493-410.000.

Vosteen, Bernhard: *See—*
  Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, 4,527,746, Cl. 241-23.000.

Vosteen, Robert E. High voltage amplifier. 4,518,924, 5-21-85, Cl. 330-51.000.

Votel, Thomas W., to Comp Equipment Corporation. Safety enclosure for disposable hypodermic syringe needle. 4,559,042, 12-17-85, Cl. 604-192.000.

Voth, Elmer D.: *See—*
  Mullet, David L.; Rilling, Raymond J.; and Voth, Elmer D., 4,497,160, Cl. 56-6.000.

Voticky, Michael P.: *See—*
  Gardner, Norman A.; and Voticky, Michael P., 4,522,429, Cl. 283-91.000.

Votrax, Inc.: *See—*
  Gagnon, Richard T., 4,532,495, Cl. 340-347.0DA.

Votteler, Arno; Lanuzzi, Max; Dubach, Fredi; and Schreiner, Herbert, to Planmobel Eggersmann GmbH & Co. KG. Worktable, especially office table. 4,553,483, 11-19-85, Cl. 108-4.000.

Vought, Donald W.: *See—*
  Hsu, Joseph C.; Vought, Donald W.; and Walbrun, George H., 4,501,779, Cl. 428-35.000.
  Hsu, Joseph C.; Vought, Donald W.; and Walbrun, George H., 4,541,983, Cl. 264-514.000.

Voyles, Gerald A.; and Shedigian, Vandos, to Emhart Industries, Inc. Dielectric fluid. 4,498,117, 2-5-85, Cl. 361-315.000.

Voyles, Gerald A.: *See—*
  Shedigian, Vandos; and Voyles, Gerald A., 4,521,826, Cl. 361-314.000.

Voza, Alfonse N., to Singer Company, The. Pattern data storage by equations in an electronically controlled sewing machine. 4,499,838, 2-19-85, Cl. 112-266.100.

Vozari, Gyula: *See—*
  Gal, Jozsef; Gyarfas, Andras; Katko, Laszlo; Racz, Gabor; Sarlos, Agoston; and Vozari, Gyula, 4,533,912, Cl. 340-783.000.

Vozny, Valery F.: *See—*
  Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.

VPL Research Inc.: *See—*
  Zimmerman, Thomas G., 4,542,291, Cl. 250-231.00R.

Vratny, Frederick: *See—*
  Tai, King L.; and Vratny, Frederick, 4,496,448, Cl. 204-192.00E.

Vredenburg, Edric W., Sr. Vacuum bag filler. 4,550,755, 11-5-85, Cl. 141-59.000.

Vredestein N.V.: *See—*
  Lemmens, Rudolphus P. M., 4,554,882, Cl. 114-219.000.
  Willemsen, Henricus P.; Vaessen, Leonardus M. A.; and van der Hoorn, Rudolf J. G. A., 4,500,485, Cl. 264-313.000.

Vreeland, William C.: *See—*
  Damrau, Wayne A.; Vreeland, William C.; Bernert, Richard; and Wohrle, Albert, 4,534,309, Cl. 118-410.000.

Vreenegoor, Nicholas C., to Unifoam AG. Production of polymeric foam. 4,530,807, 7-23-85, Cl. 264-51.000.

Vrielink, Hendrik, to U.S. Philips Corporation. Sorting device for data words. 4,559,612, 12-17-85, Cl. 364-900.000.

Vries, Lodewijk B., to U.S. Philips Corporation. System for communication by way of repeatedly transmitted messages, and stations for use in such a system. 4,541,095, 9-10-85, Cl. 371-69.000.

Vries, Lodewijk B.: *See—*
  Dekker, Cornelis B.; and Vries, Lodewijk B., 4,513,315, Cl. 358-86.000.

Vrinssen, Cornelis H.: *See—*
  van Geenen, Albert A.; Bongers, Joseph J. M.; van der Loos, Jozef L. M.; and Vrinssen, Cornelis H., 4,540,515, Cl. 260-239.30R.

Vrolyk, John J., to Rockwell International Corporation. Emission controller for indirect fired downhole steam generators. 4,498,531, 2-12-85, Cl. 166-59.000.

Vroome, Ray L. Fireplace grate. 4,526,159, 7-2-85, Cl. 126-164.000.

Vroomen, Albert, to Franz Muller GmbH & Co. Device for cutting seams free in a corduroy cutting machine and method for operating the same. 4,532,683, 8-6-85, Cl. 26-10.00C.

Vroonland, Evart J.; and Curtis, William M., to Continental Emsco Company. Spring balance assembly. 4,537,233, 8-27-85, Cl. 141-387.000.

Vrouenraets, Cornelius M. F.; and Sikkema, Doetze J., to Akzo N.V. Flexible layered product. 4,493,870, 1-15-85, Cl. 428-245.000.

Vrouenraets, Cornelius M. F., to Akzo N.V. Packaging film permeable to smoke constituents and packaged smoked foodstuff. 4,514,472, 4-30-85, Cl. 428-220.000.

Vrouenraets, Cornelius M. F., to Akzo N.V. Packaged smoked foodstuff. 4,550,025, 10-29-85, Cl. 426-105.000.

VRP Partners, Ltd.: *See—*
  Archer, Danny, 4,527,941, Cl. 414-537.000.

Vry, Michael G., to U.S. Philips Corporation. Code generator. 4,521,766, 6-4-85, Cl. 340-347.0DD.

Vsesojuzny Kardiolgichesky Anuchny Tsentr: *See—*
  Bondar, Ljudmila S.; Okunev, Rostan A.; Polezhaev, Lev V.; Kolchin, Sergei P.; Cherkasova, Ljudmila V.; and Nikolaeva, Lilia F., 4,495,201, Cl. 514-560.000.

Vsesojuzny Nauchno-Issledovatelsky Experminetalno Konstruktorsky Institut Elektrobytovyky Machin I Priborov: *See—*
  Nikolsky, Vladimir A.; Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.

Vsesojuzny Nauchno-Issledovatelsky I Exerimentalno-Konstruktorsky Institut Prodovol-Stvennogo Mashinostroenia: *See—*
  Braginsky, Yakov I.; Gultsev, Igor V.; Mitrofanov, Viktor A.; Nikitushkin, Nikolai A.; and Yaroshenko, Yury F., 4,517,707, Cl. 17-71.000.

Vsesojuzny Nauchno-Issledovatelsky I Ispytatelny Institut Meditsinskoi Tekhniki: *See—*
  Belykh, Sergei I.; Moschensky, Anatoly D.; Davydov, Anatoly B.; Pershin, Gely G.; Smirnov, Boris A.; and Gromov, Mikhail V., 4,492,226, Cl. 128-92.0BC.

Vsesojuzny Nauchno-Issledovatelsky I Proektno-Konstruktorsky Institut Promyshelennykh Gidroprivodov I Girodoavtomatiki: *See—*
  Eystratov, Vitaly A.; Elkin, Mikhail Y.; Danilenko, Viktor Y.; Stepunin, Ivan M.; Tsenta, Nikolai E.; Rud, Sergei A.; and Belferman, Leonid M., 4,494,448, Cl. 92-172.000.

Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut Aljuminievo Magnievoi I Elektrodnoi Promyshlennosti: *See—*
  Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.

Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut Aljuminievoi Magnievoi I Elektrodnoi Promyshlennosti: *See—*
  Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut Po Ochikh Tke Tekhnologichesky Gazov, Stochnykh Vod I Ispolzovaniju Vtorichnykh Energoresursov Predpriyaty Chernoi Metallurgii Vnipichermetenergoochist Ka: *See—*
  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.

Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut Pozovaniju Vtorichnykh Energoresursov Predpriyaty Chernoi Metallurgii "Vnipichermetenergoochistka": *See—*
  Gritsuk, Lev D.; Gorbik, Anatoly S.; Golod, Leonid D.; Kutsykovich, Dorina B.; Bashinsky, Kazimir D.; Samofal, Sergei V.; Peftiev, Igor M.; Bogoditsa, Viktor P.; Kulagin, Alexandr N.; Goryainov, Gennady E.; Bannikov, Jury G.; Liderman, Semen M.; Nikolaev, Georgy V.; Mischenko, Vitaly N.; Gromenko, Valentin V.; Kamardin, Alexei M.; and Kobets, Nikolai S., 4,559,011, Cl. 432-233.000.

Vsesojuzny Nauchno-Issledovatelsky Institut Burovoi Tekhniki: *See—*
  Baldenko, Dmitry F.; Gusman, Moisei T.; and Semenets, Valery I., 4,518,049, Cl. 175-107.000.
  Baldenko, Dmitry F.; Vadetsky, Yury V.; Goldobin, Vladimir B.; Gusman, Moisei T.; Kochnev, Anatoly M.; Nikomarov, Samuil S.; and Semenets, Valery I., 4,556,398, Cl. 464-16.000.
  Zsoka, Istvan; Madar, Laszlo; Cubin, Anatoly A.; Gaivoronsky, Albert A.; Farukshin, Lev H.; Morzsic, Piotr A.; Lisov, Aleksandr I.; and Galusztainc, Vladilen A., 4,499,947, Cl. 166-179.000.

Vsesojuzny Nauchno-Issledovatelsky Institut Elektromashinostroenia: *See—*
  Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.

Vsesojuzny Nauchno-Issledovatelsky Institut Gornospasatelngo Dela: *See—*
  Khudosovtsev, Nikolai M.; Shevchenko, Jury A.; Artemenko, Anatoly I.; Danilevsky, Mikhail G.; Kocherga, Vladimir K.; Luchko, Viktor N.; Margolis, Anatoly E.; Ovcharov, Vladimir K.; Filimonovna, Ljudmila Y.; and Shulman, Grigory A., 4,515,156, Cl. 128-202.260.

Vsesojuzny Nauchno-Issledovatelsky Institut Maslichnykh Kultur Imeni V.S. Pustovoita: *See—*
  Aspiotis, Evgeny K.; Vitjuk, Boris Y.; Malakhov, Evgeny I.; Danshin, Boris V.; Sokolov, Vladimir A.; Sidorov, Anatoly S.; and Volkov, Leonid V., 4,556,847, Cl. 324-307.000.

Vsesojuzny Nauchno-Issledovatelsky Institut Metiznoi Promyshlennosti: *See—*
  Trubitsyn, Alexandr V.; Fomin, Georgy M.; Nedovizy, Ivan N.; Petrov, Pavel E.; Denisov, Petr I.; Tulupov, Sergei A.; Chursin, Stepan T.; Kuptsynov, Vladimir N.; Merkulov, Adolf K.; and Stobbe, Lev G., 4,502,895, Cl. 148-11.50Q.

Vsesojuzny Nauchno-Issledovatelsky Institut Nerudnykh Stroitelnykh Materialov Gidromekhanizatsii: *See—*
  Kalakutsky, Lev I.; Sychenkov, Vladimir V.; Vlasov, Vladimir B.; and Dubrovsky, Adolf V., deceased, 4,556,849, Cl. 324-464.000.

Vsesojuzny Nauchno-Issledovatelsky Institut Textilno-Galantereinoi Promyshlennosti: *See—*
  Markov, Vladimir A.; Filatov, Vladimir N.; Kernasovsky, Ilya S.; and Gorina, Ljudmila V., 4,515,254, Cl. 188-371.000.

Vsesojuzny Nauchno-Issledovatelsky Institut Tsvetnoi Metallurgii: *See—*
  Sychev, Anatoly P.; Sannikov, Jury I.; Grinin, Jury A.; Polyakov, Ivan P.; and Abdeev, Jury M., 4,519,836, Cl. 75-25.000.

Vsesojuzny Nauchno-Issledovatelsky Instrumentalny Institut: *See—*
  Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.

Vsesojuzny Nauchno-Issledovatelsky, Proektno-Konstruktorsky I Tekhnologichesky Institut Kabelnoi Promyshlennosti "VNIIKP": *See—*
  Bely, Diamar I.; Mardanov, Valentin P.; Meschanov, Gennady I.; Peshkov, Izyaslav B.; Povelichenko, Anatoly P.; and Timoshin, Jury M., 4,497,867, Cl. 428-385.000.

Vsesojuzny Naucho-Issledovatelsky I Ispytatelny Institut Meditsinskoi Tekhniki: *See—*
  Utyamyshev, Rustam I.; Smirnov, Boris A.; Kanshin, Nikolai N.; Korolkov, Ivan A.; and Ivanova, Tatyana L., 4,505,272, Cl. 128-305.000.

VSI Corporation: *See—*
  Stencel, Edgar L., 4,544,312, Cl. 411-3.000.

VSP Labs, Inc.: *See—*
  Velasquez, Juan F., 4,520,408, Cl. 360-51.000.

Vtoroi Moskovsky Chasovoi Zavod: *See—*
  Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.

Vuceta, Ivan: *See—*
  Grabovac, Bosko; and Vuceta, Ivan, 4,549,438, Cl. 73-862.210.

Vuceta, Ivan N.: *See—*
  Grabovac, Bosko; and Vuceta, Ivan N., 4,513,645, Cl. 81-57.390.

Vugts, Ludovicus, to U.S. Philips Corporation. Resistor. 4,520,342, 5-28-85, Cl. 338-308.000.

Vuilleumier, Cyril, to Omega SA. Time setting mechanism for a timepiece having an analog mechanical display. 4,555,185, 11-26-85, Cl. 368-190.000.

Vujcich, Mary R.: *See—*
  George, Christopher W.; Sinha, Hari N.; Vujcich, Mary R.; and Walker, Graham S., 4,524,054, Cl. 423-308.000.

Vujevic, Aleksandar: *See—*
  Torbus, Marek A.; and Vujevic, Aleksandar, 4,507,408, Cl. 523-143.000.

Vukanovic, Vladimir; Butler, Susannah M.; Fazekas, George; and Miller, John R., to Standard Oil Company (Ohio), The. Method for the deposition of coatings upon substrates utilizing a high pressure, non-local thermal equilibrium arc plasma. 4,505,947, 3-19-85, Cl. 427-34.000.

Vukanovic, Vladimir, to Standard Oil Company (Ohio), The. High pressure, non-local thermal equilibrium arc plasma generating apparatus for deposition of coatings upon substrates. 4,536,640, 8-20-85, Cl. 219-121.0PR.

Vukcevich, Milan R.: *See—*
  Brinn, Walter K.; Berlec, Ivan; Davenport, John M.; Vukcevich, Milan R.; and Fridrich, Elmer G., 4,547,704, Cl. 315-71.000.
  Soules, Thomas F.; and Vukcevich, Milan R., 4,503,488, Cl. 362-80.000.

Vukmanic, Ronald W.; Borucki, John S.; and Stanley, Chester A., to Chicago Metallic Corporation. Suspended ceiling system. 4,525,973, 7-2-85, Cl. 52-667.000.

Vukmanic, Ronald W.; Borucki, John S.; and Stanley, Chester A., to Chicago Metallic Corporation. Suspended ceiling grid system. 4,549,383, 10-29-85, Cl. 52-667.000.

Vukovich, William J.; and Grimes, Michael R., to General Motors Corporation. Throttle control system for an automatic shift countershaft transmission. 4,493,228, 1-15-85, Cl. 74-858.000.

Vukovich, William J.: *See—*
  Fattic, Gerald T.; and Vukovich, William J., 4,509,125, Cl. 364-424.100.
  Grimes, Michael R.; and Vukovich, William J., 4,558,772, Cl. 192-0.076.

Vulcan Engineering Co.: *See—*
  Friesen, Wilmer J., 4,522,248, Cl. 164-394.000.

Vuletic, Bogdan, to Korf Engineering GmbH; and Voest-Alpine AG. Installation for the direct production of sponge iron particles and liquid crude iron from iron ore in lump form. 4,542,889, 9-24-85, Cl. 266-137.000.

Vuletic, Bogdan, to Korf Engineering GmbH; and Voest-Alpine AG. Process for the direct production of sponge iron particles and liquid crude iron from iron ore in lump form. 4,543,123, 9-24-85, Cl. 75-34.000.

Vulis, Mikhail L.: *See—*

  Shevalenko, Ilya S.; Ilchenko, Anatoly V.; Trush, Vladimir I.; Vulis, Mikhail L.; Baryshnikov, Anatoly I.; Vereschagin, Igor P.; Makalsky, Leonid M.; Mirzabekian, Garri Z.; Smirnov, Vladimir A.; Dzigan, Viktor P.; Ginzburg, Vladimir E.; Miroshnik, Vladimir I.; Minaev, Alexandr S.; Orlov, Alexandr V.; and Teljupa, Sergei P., 4,536,698, Cl. 323-237.000.

Vultaggio, Anthony: *See—*

  Sandi, Floyd J.; and Vultaggio, Anthony, 4,520,241, Cl. 200-5.00B.

Vuong, Dinh-Cuong, to Texaco Inc. Method of reducin[illegible] nickel content in waste water. 4,500,324, 2-19-85, Cl. 48-197[illegible].

Vuorinen, Vesa: *See—*

  Eskelinen, Pekka; and Vuorinen, Vesa, 4,539,762, Cl. [illegible]4-114[illegible]00.

Vuorio, Tauno A., to Siebtuchfabrik AG. Paper mac[illegible]een. 4,518,644, 5-21-85, Cl. 428-198.000.

Vural, Gulertan, to Koehring GmbH. Method for pile driving and dragging. 4,534,419, 8-13-85, Cl. 173-1.000.

Vxtra Corporation, 700 Division: *See—*

  Williams, Rodger W.; Atwood, Charles W.; and Morgan, Lawrence J., 4,560,144, Cl. 251-344.000.

Vyalykh, Vladimir I.: *See—*

  Kontar, Evgeny A.; Soloviev, Sergei L.; Brovko, Viktor P.; Glukhikh, Rudolf G.; Khomyakov, Evgeny N.; Pakhomov, Jury F.; Khmeljuk, Alexei M.; Vyalykh, Vladimir I.; Zansokhov, Leonid G.; Smertin, Valentin P.; Evseev, Alexei I.; and Sharipov, Fyarit A., 4,557,697, Cl. 441-2.000.

Vyas, Arvindkumar C., to NCR Canada Ltd. Variable impact printing means. 4,493,253, 1-15-85, Cl. 101-93.030.

Vye, Michael B.: *See—*

  Nelson, Carl W.; and Vye, Michael B., 4,503,125, Cl. 428-408.000.

Vyhnal, Richard F., to Rockwell International Corporation. Stretch-forming tool. 4,548,065, 10-22-85, Cl. 72-413.000.

Vykouk, Vlastimil: *See—*

  Rohlicek, Vojtech; Hruby, Jaroslav; Nohavica, Dusan; Hrdlicka, Jan; Vykouk, Vlastimil; and Kubec, Frantisek, 4,535,784, Cl. 128-735.000.

Vykydal, Frantisek: *See—*

  Kuda, Vladimir; Vasicek, Vladimir; Vykydal, Frantisek; and Vystrcil, Jiri , 4,552,188, Cl. 139-435.000.

Vyne, Robert L., to Motorola, Inc. Operational amplifier having enhanced gain through current feedback. 4,492,929, 1-8-85, Cl. 330-253.000.

Vyne, Robert L., to Motorola, Inc. Miller compensation for an operational amplifier. 4,513,251, 4-23-85, Cl. 330-292.000.

Vyne, Robert L., to Motorola, Inc. Output stage for an operational amplifier. 4,538,116, 8-27-85, Cl. 330-271.000.

Vyne, Robert L., to Motorola, Inc. Output stage for an operational amplifier. 4,553,106, 11-12-85, Cl. 330-272.000.

Vyse, Brian: *See—*

  Maxwell, John W.; and Vyse, Brian, 4,514,255, Cl. 162-9.000.

Vysiotis, Theodoros: *See—*

  Adalbert, Gerhard; and Vysiotis, Theodoros, 4,505,656, Cl. 418-270.000.

Vyskummy ustav chemickych claken: *See—*

  Knotek, Lubomir; Peciar, Jozef; Mitterpach, Ivan; Hudak, Jozef; Simo, Jan; Badura, Jan; Beseda, Viliam; Mihaly, Frantisek; Gregor, Alexander; and Klisky, Jan, 4,546,040, Cl. 428-370.000.

Vystrcil, Jiri : *See—*

  Kuda, Vladimir; Vasicek, Vladimir; Vykydal, Frantisek; and Vystrcil, Jiri , 4,552,188, Cl. 139-435.000.

Vyvial, Rudolf; Taubitz, Christof; Schlemmer, Lothar; Bleckmann, Gerhard; Zuerger, Manfred; Krieger, Heinrich; and Thiele, Heino, to BASF Aktiengesellschaft. Process for producing sheet-like structures from vinyl alcohol polymers. 4,493,807, 1-15-85, Cl. 264-101.000.

Vyvial, Rudolf: *See—*

  Lynch, John; Naarmann, Herbert; Schulz, Gunther; Vyvial, Rudolf; Wallbillich, Gunter; and Zuerger, Manfred, 4,517,277, Cl. 430-281.000.

Vyzkumny ustav bavinarsky: *See—*

  Marsicek, Zdenek; Janeba, Jaroslav; Pacha, Antonin; Pastrnak, Ales; Dykast, Jaroslav; and Prazak, Roman, 4,534,042, Cl. 377-16.000.

Vyzkumny ustav bavlnarsky: *See—*

  Didek, Stanislav; Fajt, Ludvik; Reymanova, Marketa; and Markova, Marie, 4,553,383, Cl. 57-403.000.

  Junek, Jan; Vorbornik, Vaclay; Ripka, Josef; Jaros, Frantisek; Lihtarova, Ludmila; Hortlik, Frantisek; Kotrba, Zdenek; Rehackova, Bozena; and Dvorak, Ladislav, 4,495,762, Cl. 57-411.000.

  Junek, Jan; Skarka, Josef; Jaros, Frantisek; Hortlik, Frantisek; Hacova, Kveta; Vobornik, Vaclav; Ohlidal, Vladimi; and Lihtarova, Ludmila, 4,499,718, Cl. 57-301.000.

  Stejskal, Alois; Havranek, Zdenek; Stepanek, Miroslac; Hrdina, Jan; Cada, Frantisek; Borovcova, Zelmira; and Slingr, Jaroslav, 4,527,384, Cl. 57-404.000.

Vyzkumny ustav zuslechtovaci: *See—*

  Dvorsky, Drahomir; and Cerovsky, Karel, 4,499,282, Cl. 548-336.000.

  Dvorsky, Drahomir; and Cerovsky, Karel, 4,542,217, Cl. 544-335.000.

  Dvorsky, Drahomir; and Cerovsky, Karel, 4,547,574, Cl. 544-336.000.

W & A Bates Limited: *See—*

  Goodfellow, Anthony G., 4,510,002, Cl. 156-126.000.

  Goodfellow, Anthony G., 4,555,287, Cl. 156-127.000.

W. A. Deutsher Proprietary Limited: *See—*

  Freeland, Warwick P., 4,516,688, Cl. 220-293.000.

W. A. Goold Limited: *See—*

  Boyd, Malcolm W.; and Mander, Michael G., 4,520,940, Cl. 220-68.000.

W. A. Whitney Corp.: *See—*

  Kindgren, Lee; Scott, William B.; and Voges, Robert W., 4,523,749, Cl. 269-32.000.

  Scott, William B.; and Ahmer, Bruce E., 4,550,241, Cl. 219-121.0LG.

W. C. Bradley Enterprises, Inc.: *See—*

  Hitch, Robert J.; and Holland, Mason, 4,495,860, Cl. 99-340.000.

W. C. Heraeus GmbH: *See—*

  Aldinger, Fritz; Keilberth, Richard; and Werdecker, Waltraud, 4,519,966, Cl. 264-56.000.

  Herklotz, Gunter; and Arnold, Gerhard, 4,491,507, Cl. 204-47.000.

  Opower, Hans, 4,551,608, Cl. 219-121.00L.

  Opower, Hans; and Ernst, Volker, 4,553,242, Cl. 372-87.000.

W. C. Pursley Limited: *See—*

  Calhoun, L. Owen, 4,517,777, Cl. 52-126.200.

W.E.F.C.O., Inc.: *See—*

  Langan, Ervin C.; and Christie, Howard W., 4,493,162, Cl. 47-57.600.

W. E. Saxby (Nottingham) Limited: *See—*

  Collishaw, Peter S.; and Wilkinson, Michael, 4,503,801, Cl. 118-246.000.

W. F. Altenpohl, Inc.: *See—*

  Altenpohl, Paul J., 4,498,578, Cl. 198-680.000.

W & F Manufacturing, Inc.: *See—*

  Fleming, Paul D., 4,534,587, Cl. 292-263.000.

W. G. Whitney Corporation: *See—*

  Burdick, Thomas H.; Vasconcellos, Alfred; and Whitney, William G., 4,495,402, Cl. 219-214.000.

W. H. Bossons (Sales) Limited: *See—*

  Bossons, William R., 4,555,432, Cl. 428-156.000.

W. H. Brady Co.: *See—*

  Aufderheide, Brian E., 4,562,315, Cl. 200-5.00A.

  Downing, Gerald T.; and Schaefer, Karl P., 4,500,223, Cl. 402-20.000.

  Downing, Gerald T.; and Gyllstrom, Gregory W., 4,535,960, Cl. 248-74.500.

  Wirth, Gary J., 4,493,446, Cl. 225-21.000.

W. H. Nichols Company: *See—*

  Middlekauff, Carle A., 4,501,536, Cl. 418-61.00B.

W. Haking Enterprises Limited: *See—*

  Oshima, Shigeru; and Wong, Wan C., 4,529,283, Cl. 354-195.120.

  Winter, Arthur J., 4,549,801, Cl. 354-403.000.

  Winter, Arthur J., 4,558,934, Cl. 354-21.000.

  Wong, Wan C.; and Oshima, Shigeru, 4,505,563, Cl. 354-234.100.

  Wong, Wan C.; and Oshima, Shigeru, 4,525,048, Cl. 354-173.100.

  Wong, Wan C.; and Oshima, Shigeru, 4,525,051, Cl. 354-203.000.

W. Haldenwanger Technische Keramik GmbH & Co. KG: *See—*

  Redell, Dietrich; and Schmidt, Dieter, 4,526,538, Cl. 432-246.000.

W. J. Goodwin & Son Limited: *See—*

  Boyd, Malcolm W.; and Mander, Michael G., 4,520,940, Cl. 220-68.000.

W. L. Gore & Associates, Inc.: *See—*

  Ferguson, Douglas M.; Owens, William M.; Lang, Michael; and Lincoln, Jay P., 4,496,045, Cl. 206-63.300.

  Gore, Wilbert L.; Gore, Robert W.; and Gore, David W., 4,545,862, Cl. 203-10.000.

  Henderson, Deborah; and Street, Norman, 4,510,931, Cl. 128-202.280.

  Henn, Robert L., 4,532,316, Cl. 528-59.000.

  Manniso, James L., 4,557,957, Cl. 428-36.000.

  Scantlebury, Todd V.; Ambruster, Jeanne B.; Bolton, Carl W.; Campbell, Stephen E.; and Green, La Thaggar, III, 4,531,916, Cl. 433-173.000.

  Swick, Robert H., 4,493,716, Cl. 55-158.000.

W. P. Hickman Company: *See—*

  Hickman, John B., 4,549,376, Cl. 52-94.000.

W. R. Grace Australia Limited: *See—*

  Bullock, Lance W.; Vlahek, Josip; and Kovacs, Ferenc, 4,500,277, Cl. 425-387.100.

W. R. Grace & Co.: *See—*

  Block, Jacob, 4,541,485, Cl. 166-281.000.

  Block, Jacob, 4,547,297, Cl. 252-8.50A.

  Bryant, George E., 4,545,103, Cl. 29-432.000.

  Cogliano, Joseph A., 4,503,106, Cl. 428-40.000.

  Cogliano, Joseph A., 4,503,107, Cl. 428-40.000.

  Cogliano, Joseph A., 4,524,156, Cl. 521-83.000.

  Derderian, Gregory; Orlandi, Robert D.; Shu, Larry S.; and Siadat, Bahram, 4,553,852, Cl. 374-1.000.

  Guthrie, James L.; and Wojcik, Ronald T., 4,500,703, Cl. 523-400.000.

  Guthrie, James L.; Roberts, Helen F.; and Lundsager, Christian B., 4,559,373, Cl. 523-220.000.

  Hanson, Eric A.; and Jachimowicz, Felek, 4,513,122, Cl. 525-332.300.

- Hansson, Per E. A.; and Jachimowicz, Felek, 4,513,121, Cl. 525-332.300.
- Hawkes, J. Barry, Jr., 4,499,036, Cl. 264-26.000.
- Hawkes, J. Barry, Jr., 4,554,347, Cl. 528-503.000.
- Heinemann, Frederick F.; and Gavin, Thomas O., 4,537,129, Cl. 101-415.100.
- Hollenberg, David H., 4,554,020, Cl. 106-90.000.
- Jachimowicz, Felek; and Hansson, Per E. A., 4,526,936, Cl. 525-379.000.
- Jachimowicz, Felek; and Hansson, P. E. Anders, 4,558,101, Cl. 525-333.200.
- Kehr, Clifton L.; Wszolek, Walter R.; and Marans, Nelson S., 4,510,097, Cl. 260-453.00A.
- Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,262, Cl. 502-304.000.
- Kim, Gwan; Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,995, Cl. 423-213.500.
- Lin, Shiow C., 4,523,983, Cl. 204-159.150.
- Lin, Shiow-Ching, 4,529,820, Cl. 564-51.000.
- Lin, Shiow-Ching, 4,537,805, Cl. 427-54.100.
- Love, Richard A.; and Zehner, Lee R., 4,547,590, Cl. 562-575.000.
- Lovinger, Gerald G.; and Whitehead, Susan A., 4,528,273, Cl. 435-116.000.
- Mathias, Eckart, 4,496,607, Cl. 427-53.100.
- Mugnai, Giorgio, 4,541,224, Cl. 531-434.000.
- Nozemack, Richard J.; Rudesill, John A.; Denton, Dean A.; and Feldwick, Raymond D., 4,542,118, Cl. 502-65.000.
- Okamoto, Yoshiyuki; and Hwang, Edward F., 4,497,727, Cl. 252-500.000.
- Okamoto, Yoshiyuki; and Hwang, Edward F., 4,511,702, Cl. 526-90.000.
- Okamoto, Yoshiyuki; and Hwang, Edward F., 4,522,746, Cl. 252-500.000.
- Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,510,261, Cl. 502-304.000.
- Pereira, Carmo J.; and Hegedus, Louis, 4,510,263, Cl. 502-314.000.
- Pereira, Carmo J.; Hegedus, Louis; and Maselli, James M., 4,541,996, Cl. 423-213.500.
- Peters, Alan W.; Kim, Gwan; and Ernest, Michael V., 4,513,101, Cl. 502-304.000.
- Seese, Mark A.; and Chiang, Robert L., 4,499,197, Cl. 502-65.000.
- Sherwin, Martin B.; and Blouin, John J., 4,560,653, Cl. 435-109.000.
- Siadat, Bahram; and Morgan, Charles R., 4,560,579, Cl. 427-45.100.
- Trainor, Donna R., 4,529,740, Cl. 521-84.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,517,392, Cl. 568-948.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,517,393, Cl. 568-948.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,517,394, Cl. 568-948.000.
- Wang, Shu-Chieh P.; and Sherwin, Martin B., 4,524,226, Cl. 562-948.000.
- Werson, Michael J., 4,521,807, Cl. 358-106.000.
- Winyall, Milton E., 4,508,607, Cl. 204-180.00P.

- W. R. Grace & Co., Cryovac Div.: *See—*
  - Bolton, Roderick A., 4,493,684, Cl. 493-234.000.
  - Bortolani, Ermanno; Brembilla, Sandro; and Vassarotti, Enzo, 4,537,011, Cl. 53-509.000.
  - Day, Timothy T., 4,545,177, Cl. 53-434.000.
  - Galbiati, Ambrogio, 4,495,751, Cl. 53-576.000.
  - Imperiale, Nino, 4,516,384, Cl. 53-459.000.
  - Kent, Garnet J.; and Wood, John C., 4,516,267, Cl. 383-22.000.
  - Kuehne, Richard O., 4,534,984, Cl. 426-412.000.
  - Laiewski, Stanislaus J.; Hessen, Thomas A.; Hardy, Thomas R.; and Gilvin, Allie F., 4,552,600, Cl. 156-73.100.
  - Malcolm, Donald A., 4,494,651, Cl. 206-328.000.
  - Mueller, Walter B., 4,532,189, Cl. 428-516.000.
  - Owensby, Joseph E.; Rupp, Jody W.; Dobbins, Frederick A.; and Waldrop, Thomas E., 4,550,548, Cl. 53-434.000.
  - Pezzana, Francesco; and Quacquarella, Cesare, 4,551,125, Cl. 493-217.000.
  - Schirmer, Henry G., 4,496,516, Cl. 264-514.000.
  - Schirmer, Henry G., 4,542,075, Cl. 428-516.000.
  - Schoenberg, Julian H., 4,514,465, Cl. 428-339.000.
  - Schoenberg, Julian H., 4,551,380, Cl. 428-218.000.
  - Taylor, Monroe F., 4,532,752, Cl. 53-451.000.
  - Walters, Johnnie J.; Voso, Philip T.; and Caldwell, Karl N., 4,501,780, Cl. 428-35.000.
  - Weinberg, Alan S.; Wofford, B. Gary; and Voso, Philip T., 4,555,025, Cl. 206-497.000.
- W. R. Grace Limited: *See—*
  - Hurst, John, 4,539,262, Cl. 428-407.000.
- W. R. Meadows, Inc.: *See—*
  - Fujihara, Yoshiki, deceased; Fujihara, Hiroko, heiress; Sackis, John J.; and Frier, Richard A., 4,547,399, Cl. 427-138.000.
  - Sackis, John J.; and Anderson, Paul H., 4,495,319, Cl. 524-96.000.
- W. S. Tyler Incorporated: *See—*
  - Janovac, Stephen J., 4,491,517, Cl. 209-401.000.
- W. Schlafhorst & Co.: *See—*
  - Aretz, Ulrich; Knors, Herbert; Maassen, Wilhelm; Reiners, Franz-Josef; and Tholen, Leo, 4,558,829, Cl. 242-35.50A.
  - Baltsch, Erwin; Gobbels, Heinz-Dieter; Grecksch, Hans; Lassmann, Manfred; Raasch, Hans; and Schlosser, Helmut, 4,538,408, Cl. 57-263.000.
  - Brockmanns, Karl-Josef; and Lunenschloss, Joachim, 4,557,105, Cl. 57-401.000.
  - Buhren, Heinz, 4,535,893, Cl. 209-628.000.
  - Chardon, Manfred; Mauries, Reinhard; Rohner, Joachim; and Zumfeld, Heinz, 4,499,715, Cl. 57-22.000.
  - Derichs, Josef, 4,539,804, Cl. 57-263.000.
  - Feuerlohn, Helmut, 4,506,497, Cl. 57-22.000.
  - Kamp, Heinz, 4,497,168, Cl. 57-401.000.
  - Kamp, Heinz, 4,555,068, Cl. 242-36.000.
  - Kupper, Wilhelm; and Koslowski, Gerhard, 4,498,644, Cl. 242-131.100.
  - Kupper, Wilhelm, 4,506,420, Cl. 28-190.000.
  - Kupper, Wilhelm, 4,506,572, Cl. 83-112.000.
  - Kupper, Wilhelm, 4,508,227, Cl. 209-927.000.
  - Raasch, Hans; and Busch, Dieter, 4,492,077, Cl. 57-414.000.
  - Raasch, Hans; Grecksch, Hans; and Bock, Klaus, 4,496,110, Cl. 242-35.50A.
  - Raasch, Hans; and Wassenhoven, Heinz-Georg, 4,516,397, Cl. 57-417.000.
  - Raasch, Hans; and Lassmann, Manfred, 4,524,578, Cl. 57-263.000.
  - Raasch, Hans, 4,541,232, Cl. 57-104.000.
  - Raasch, Hans; Wassenhoven, Heinz-Georg; and Derichs, Josef, 4,541,233, Cl. 57-263.000.
  - Raasch, Hans, 4,541,235, Cl. 57-263.000.
  - Raasch, Hans; and Grecksch, Hans, 4,555,215, Cl. 414-564.000
  - Rohner, Joachim, 4,518,136, Cl. 242-35.50A.
  - Rohner, Joachim, 4,529,233, Cl. 289-1.500.
  - Rohner, Joachim; and Kamp, Heinz, 4,535,945, Cl. 242-35.60R.
  - Romic, Ivica; and Loos, Jurgen, 4,492,076, Cl. 57-22.000.
  - Wassenhoven, Heinz-Georg; and Derichs, Josef, 4,541,234, Cl. 57-263.000.
  - Wassenhoven, Heinz-Georg, 4,543,779, Cl. 57-401.000.
  - Zitzen, Wilhelm, 4,557,431, Cl. 242-150.00R.
- W. Schmidt GmbH & Co. KG: *See—*
  - Zitzmann, Hubertus, 4,546,826, Cl. 165-163.000.
- W. Schneeberger AG, Maschinenfabrik: *See—*
  - Blatter, Albrecht, 4,547,023, Cl. 308-6.00C.
- W & T Avery Limited: *See—*
  - Hatton, John S.; Clarke, Roland N.; and Saini, Raj K., 4,561,038, Cl. 361-280.000.
- W. Vinten Limited: *See—*
  - Lindsay, Richard A., 4,557,459, Cl. 248-571.000.
- W. W. Adcock, Inc.: *See—*
  - Adcock, Carson D.; and Lauter, Robert, 4,552,658, Cl. 210-169.000
- W.W.B. Developers: *See—*
  - Combs, Linsey L., 4,537,555, Cl. 414-463.000.
- W. W. Sly Manufacturing Co., The: *See—*
  - Ball, David C., 4,492,294, Cl. 193-25.00C.
  - Ball, David C., 4,557,364, Cl. 193-25.00C.
- Waaben, Sigurd G.: *See—*
  - Federico, Joseph; and Waaben, Sigurd G., 4,519,024, Cl. 363-127.000.
- Waara, Ulf C.: *See—*
  - Petersson, Stig A.; and Waara, Ulf C., 4,520,003, Cl. 423-533.000.
- Waas, Charles W.: *See—*
  - Dagan, Gideon B.; and Waas, Charles W., 4,523,061, Cl. 200-17.00R.
- **Waas, Heinrich; Freitas, Ayres; Schultz, Jurgen; and Varges, Gunter,** to Thyssen Nordseewerke GmbH. Ship. 4,506,617, 3-26-85, Cl. 114-41.000.
- **Waatti, Kurt J.; and Border, Daniel R.,** to Morton Thiokol, Inc. Surfactant and alkali metal citrate composition for recharging a water softener. 4,540,715, 9-10-85, Cl. 521-26.000.
- Wabash College: *See—*
  - Brooks, Austin E., Jr., 4,522,914, Cl. 430-320.000.
- WABCO Fahrzeugbremsen GmbH: *See—*
  - Christoleit, Arno, 4,515,530, Cl. 417-214.000.
  - Deike, Karl-Heinz; Schulz, Hans-Joachim; and Sandmann, Jurgen, 4,493,510, Cl. 303-28.000.
  - Feldman, Joachim; and Oberlander, Andreas, 4,546,860, Cl. 188-71.400.
  - Feldmann, Joachim; and Schlamann, Wilhelm, 4,556,259, Cl. 303-7.000.
  - Gelse, Hans-Dieter; Heger, Werner; and Kramer, Manfred, 4,522,568, Cl. 417-307.000.
  - Gudat, Wolfgang; Klatt, Alfred; and Sebesta, Gunter, 4,523,513, Cl. 91-427.000.
  - Heger, Werner; Kaltenthaler, Wolfgang; and Wilke, Helmut, 4,505,648, Cl. 417-297.000.
  - Heger, Werner; Kaltenthaler, Wolfgang; and Wilke, Helmut, 4,553,907, Cl. 417-297.000.
  - Klatt, Alfred, 4,507,736, Cl. 364-424.100.
  - Klatt, Alfred, 4,510,906, Cl. 123-396.000.
  - Klatt, Alfred, 4,543,856, Cl. 74-866.000.
  - Liermann, Peter, 4,543,575, Cl. 340-825.570.
  - Meyer, Dietmar; and Scheibe, Horst, 4,546,845, Cl. 180-286.000.
  - Reinecke, Erich, 4,519,266, Cl. 74-471.0XY.
  - Reinecke, Erich; and Isernhagen, Fritz, 4,524,850, Cl. 188-71.800.
  - Seegers, Gunter; Sebesta, Gunter; and Klatt, Alfred, 4,494,571, Cl. 137-596.160.
  - Stillfried, Rudiger F. V.; Seegers, Gunter; and Sebesta, Gunter, 4,493,244, Cl. 91-420.000.
- WABCO Ltd.: *See—*
  - McKay, Albert A., 4,552,056, Cl. 92-29.000.
- WABCO Steuerungstechnik GmbH: *See—*
  - Gottling, Helmut; and Brausfeld, Walter, 4,531,548, Cl. 137-627.500.

Meyer, Hans-Friedrich; Thiele, Wolfgang; Kosmalski, Hermann; Meurer, Klaus; Kruppa, Hans; Gottling, Helmut; and Meyer, Ernst-August, 4,491,155, Cl. 137-625.660.

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Barberis, Dario, 4,536,039, Cl. 303-16.000.

WABCO Westinghouse Equipements Ferroviaires: *See—*

Dalibout, Georges, 4,493,246, Cl. 92-13.800.

WABCO Westinghouse Fahrzeugbremsen GmbH: *See—*

Klatt, Alfred, 4,548,079, Cl. 73-432.00R.

WABCO Westinghouse Steuerungstechnik GmbH: *See—*

Bachmann, Wilhelm; and Kemner, Axel, 4,543,975, Cl. 137-85.000.

Waber, Glenn R., to GNB Batteries Inc. Programmable control system for controlling at least two parameters in a predetermined sequence using both analog and digital control signals. 4,497,019, 1-29-85, Cl. 364-132.000.

Wabersich, Ernst: *See—*

Fuchs, Gerhard; and Wabersich, Ernst, 4,497,475, Cl. 266-270.000.

Wacek, Rudolph W.: *See—*

Miller, Jonathan; Wacek, Rudolph W.; Berfield, Robert C.; Meland, Ronald F.; Crevling, Robert L., Jr.; and Lawson, Lonnie B., Jr., 4,538,971, Cl. 417-423.00A.

Wach, Stanislaw P.: *See—*

Kalubowila, Prematilaka W.; Wach, Stanislaw P.; and Levens, Michael B., 4,549,043, Cl. 174-133.00R.

Wach, Thaddeus F., to Armstrong World Industries, Inc. Ceiling product. 4,548,854, 10-22-85, Cl. 428-138.000.

Wach, Wolfgang: *See—*

Fuchs, Peter; Mueller-Glaser, Klaus; Schuett, Dieter; and Wach, Wolfgang, 4,534,008, Cl. 364-716.000.

Wacha, Martin E.; and Digney, Jerry W., to Parker Pen Company, The. Projection-retraction mechanism for a writing instrument. 4,529,328, 7-16-85, Cl. 401-117.000.

Wachendorfer, Paul L., Sr. Monolithic refractory recuperator. 4,546,827, 10-15-85, Cl. 165-165.000.

Wachi, Akira; and Hayashi, Munehisa, to Ohkura Electric Co., Ltd. Thermal mass flow meter. 4,517,838, 5-21-85, Cl. 73-204.000.

Wachi, Kaoru. Material for accident protecting clothes with connected tile-like small nylon plates. 4,559,251, 12-17-85, Cl. 428-53.000.

Wachi, Masatada, to Nippon Gakki Seizo Kabushiki Kaisha. Tone waveshape generation device. 4,520,708, 6-4-85, Cl. 84-1.260.

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Wachi, Masatada, to Nippon Gakki Seizo Kabushiki Kaisha. Digital electronic musical instrument of pitch synchronous sampling type. 4,561,337, 12-31-85, Cl. 84-1.010.

Wachi, Sadayuki; Ohiwa, Kenichi; Shimada, Yasuo; and Hino, Takao, to Sumitomo Metal Industries, Ltd. Heat-resisting furnace roll. 4,553,931, 11-19-85, Cl. 432-246.000.

Wachi, Shigeaki, to Sony Corporation. Apparatus for controlling rotation of a record disk at a constant linear velocity. 4,539,666, 9-3-85, Cl. 369-50.000.

Wachi, Shigeaki, to Sony Corporation. Servo system including velocity and phase servo circuits for digital audio record disc reproducing apparatus. 4,543,650, 9-24-85, Cl. 369-43.000.

Wachi, Shigeaki, to Sony Corporation. Driving apparatus for a recording medium. 4,551,661, 11-5-85, Cl. 318-314.000.

Wachs, Edward H.; and Kwech, Horst, to E. H. Wachs Company, The. Travelling pipe cutter. 4,490,909, 1-1-85, Cl. 30-97.000.

Wachs, Israel; and Chersich, Claudio C., to Exxon Research & Engineering Co. Catalysts comprising tantala supported on titania. 4,544,649, 10-1-85, Cl. 502-350.000.

Wachs, Israel E.; Fiato, Rocco A.; and Chersich, Claudio C., to Exxon Research & Engineering Co. Iron carbide on titania surface modified with group VA oxides as Fisher-Tropsch catalysts. 4,559,365, 12-17-85, Cl. 518-717.000.

Wachsman, Mordechai, to AMCOR Ltd. Apparatus for improvement of air quality in passenger airplane cabins. 4,493,247, 1-15-85, Cl. 98-1.000.

Wachspress, Melvin H.; and Abramowitz, Walter, to General Instrument Corporation. Omnidirectional vertical antenna with improved high-angle coverage. 4,520,363, 5-28-85, Cl. 343-828.000.

Wachtel, Dieter: *See—*

von Hiddessen, Gotz; and Wachtel, Dieter, 4,543,853, Cl. 74-713.000.

Wachtel, Helmut: *See—*

Dorow, Rainer; Horowski, Reinhard; Kehr, Wolfgang; and Wachtel, Helmut, 4,522,820, Cl. 424-288.000.

Wachtel, Jack: *See—*

Ehrlich, Joseph R., 4,511,497, Cl. 252-542.000.

Wachtel, Robert: *See—*

Bremer, Gordon; and Wachtel, Robert, 4,503,545, Cl. 375-34.000.

Wachter, Gerhard, to Rasmussen GmbH. Hose clip. 4,523,352, 6-18-85, Cl. 24-20.0TT.

Wachter, Reinhard: *See—*

Marr, Rolf; Bart, Hans-Jorg; and Wachter, Reinhard, 4,503,015, Cl. 423-24.000.

Wacker-Chemie GmbH: *See—*

Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, 4,532,295, Cl. 524-827.000.

Brabetz, Hartmut; Eck, Herbert; Jira, Reinhard; and Hopf, Heinrich, 4,560,724, Cl. 524-734.000.

Deubzer, Bernward; and Wilhelm, Hermann, 4,552,910, Cl. 524-43.000.

Eck, Herbert; Hannebaum, Manfred; and Kemenater, Christof, 4,528,315, Cl. 524-458.000.

Eck, Herbert; and Jira, Reinhard, 4,542,184, Cl. 524-827.000.

Hockemeyer, Friedrich; and Preiner, Gerhard, 4,554,339, Cl. 528-26.000.

Huhn, Karl; and von Au, Gunter, 4,555,419, Cl. 427-387.000.

Huhn, Karl; and Ullrich, Kurt, 4,559,385, Cl. 524-838.000.

Kreilein, Kurt; Geschonke, Hans; Rummel, Wolfgang; and Wiemer, Hardo, 4,528,337, Cl. 526-70.000.

Michel, Ulrich; and Radecker, Josef, 4,530,989, Cl. 528-15.000.

More, Anton; Lang, Winfried; Riedle, Rudolf; Straussberger, Herbert; and Streckel, Willi, 4,534,791, Cl. 75-10.00R.

Preiner, Gerhard; and Muller, Johann, 4,515,976, Cl. 556-453.000.

Preiner, Gerhard; Huhn, Karl; Muller, Johann; Marwitz, Heinrich; and Ullrich, Kurt, 4,533,477, Cl. 252-8.900.

Schmidhammer, Ludwig; Dummer, Gerhard; Strasser, Rudolf; Haselwarter, Klaus; Klaus, Hermann; and Pichl, Eduard, 4,528,174, Cl. 423-488.000.

Schmidhammer, Ludwig; Dummer, Gerhard; Haselwarter, Klaus; and Strasser, Rudolf, 4,540,837, Cl. 570-211.000.

Singer, Robert; Goetze, Richard; Maier, Karl; and Kerbl, Maximilian, 4,536,534, Cl. 524-262.000.

Von Au, Gunter; Wegehaupt, Karl-Heinrich; Schiller, August; and Braunsperger, Karl, 4,503,210, Cl. 528-33.000.

von Au, Gunter; Innertsberger, Ernst; Schmidlkofer, Jakob; and Kaiser, Wolfgang, 4,549,004, Cl. 528-42.000.

Voss, Jurgen; Dombkowski, Otto; Kudlich, Walter; and Stodulka, Jan, 4,555,024, Cl. 206-454.000.

Weise, Carlos; Wolfer, Dietrich; and Patzke, Jorg, 4,548,979, Cl. 524-403.000.

Wacker-Chemitronic Gesellschaft fur Elektronik-Grundstoffe mbH: *See—*

Griesshammer, Rudolf; Koppl, Franz; Lang, Winfried; Muhlhofer, Ernst; and Schwab, Michael, 4,515,762, Cl. 423-337.000.

Griesshammer, Rudolf; and Peterat, Michael, 4,525,336, Cl. 423-348.000.

Hamster, Helmut; and Koppl, Franz, 4,536,642, Cl. 219-374.000.

Jacob, Herbert; Rurlander, Robert; and Schnegg, Anton, 4,539,221, Cl. 427-53.100.

Kramler, Josef; Kuhn-Kuhnenfeld, Franz; and Gerber, Hans-Adolf, 4,539,050, Cl. 148-1.500.

Kuhn-Kuhnenfeld, Franz; Kramler, Josef; and Gerber, Hans-Adolf, 4,522,656, Cl. 148-1.500.

Lossl, Gunter; Zauhar, Helmut; and Stock, Horst, 4,513,544, Cl. 51-283.00R.

Wacker Corporation: *See—*

Miller, William J.; and Faber, Norman, Jr., 4,555,238, Cl. 464-52.000.

Wacker, Karl F.: *See—*

Bellemann, Rudolf; Diehlmann, Rolf; Dobrocsi, Bela; and Wacker, Karl F., 4,549,961, Cl. 210-108.000.

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Wackman, Connie M., personal representative: *See—*

Cartz, Louis; Weiss, Arnold; Schutten, Herman P.; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,504,964, Cl. 378-119.000.

Weiss, Arnold; Schutten, Herman P.; Cartz, Louis; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,536,884, Cl. 378-119.000.

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Cartz, Louis; Weiss, Arnold; Schutten, Herman P.; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,504,964, Cl. 378-119.000.

Weiss, Arnold; Schutten, Herman P.; Cartz, Louis; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased, 4,536,884, Cl. 378-119.000.

Wacksman, David, to Smith, Katherine R. Rotary force fluid pump. 4,553,916, 11-19-85, Cl. 418-173.000.

Waclawik, Francis J.: *See—*

Hollmann, Martin; and Waclawik, Francis J., 4,523,538, Cl. 114-238.000.

Waco International Corporation: *See—*

Duncan, Charles W.; and Murray, David G., 4,549,634, Cl. 182-179.000.

Wada, Akira: *See—*

Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, 4,546,222, Cl. 200-144.00B.

Wada, Eiko, heiress: *See—*

Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased; Wada, Masami, heir; and Makuta, Yuri, heiress, 4,556,286, Cl. 350-335.000.

Wada, Fumio: *See—*

Asami, Kazutomo; Wada, Fumio; Ishijima, Koji; and Sato, Yutaka, 4,518,330, Cl. 418-63.000.

Omura, Yoshiaki; Mori, Fumio; Fujita, Yoshiji; Nishida, Takashi; Hosogai, Takeo; Aihara, Sukeji; Tamai, Yoshin; Wada, Fumio; and Itoi, Kazuo, 4,532,258, Cl. 514-471.000.

- Wada, Hidekazu; Yoshino, Hironori; and Shiota, Kohei, to Matsushita Electric Industrial Co., Ltd. Oil-impregnated capacitor. 4,535,382, 8-13-85, Cl. 361-319.000.
- Wada, Hidemi: *See—*
  - Iguchi, Katsuhiko; Wada, Hidemi; and Wakita, Ryuichi, 4,514,348, Cl. 264-40.100.
- Wada, Hideo, to Clarion Co., Ltd. Pointer mechanism. 4,508,048, 4-2-85, Cl. 116-291.000.
- Wada, Hiroshi; Kawamori, Masatoshi; Tamaki, Hajime; and Onoda, Yuichi, to Tanabe Seiyaku Co., Ltd. Method for treatment or prophylaxis of gastro-intestinal disease. 4,529,602, 7-16-85, Cl. 514-569.000.
- Wada, Hirotsugu: *See—*
  - Gotou, Mineo; Yoshikawa, Ryoichi; Tojo, Toru; and Wada, Hirotsugu, 4,558,225, Cl. 250-491.100.
  - Nakasuji, Mamoru; and Wada, Hirotsugu, 4,543,512, Cl. 315-382.000.
- Wada, Hiroyuki: *See—*
  - Matsumura, Hisashi; Hashimoto, Toyokazu; Kida, Masahiko; and Wada, Hiroyuki, 4,558,428, Cl. 364-900.000.
- Wada, Hitoshi; Tachikawa, Kyoji; Yamada, Yutaka; and Murase, Satoru, to National Research Institute; and Tokyo Shibaura Denki Kabushiki Kaisha. Method of manufacturing fine filamentary Nb-Ti based alloy superconducting wire. 4,508,578, 4-2-85, Cl. 148-11.50F.
- Wada, Isao: *See—*
  - Shibata, Akira; Wada, Isao; and Yoshioka, Atsushi, 4,533,961, Cl. 358-315.000.
- Wada, Katsuhiko, to Satoh Seiki Co., Ltd.; and Elsol Product Corp. Fully automatic method and apparatus for assembling stick-type cosmetics. 4,543,702, 10-1-85, Cl. 29-434.000.
- Wada, Katsuyasu: *See—*
  - Koh, Shiro; Wada, Katsuyasu; Namioka, Kazuhiko; and Hitomi, Masuo, 4,560,415, Cl. 106-286.300.
- Wada, Kenichi; Oka, Tateki; and Tabuchi, Kenji, to Minolta Camera Kabushiki Kaisha. Method of controlling toner concentration for electrophotographic copying apparatus. 4,514,480, 4-30-85, Cl. 430-30.000.
- Wada, Kenichi; Shintani, Yooichi; Shimizu, Tsuguo; and Yamaoka, Akira, to Hitachi, Ltd. Pipelined data processing system. 4,541,047, 9-10-85, Cl. 364-200.000.
- Wada, Kenichi: *See—*
  - Shintani, Yoichi; Wada, Kenichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,532,589, Cl. 364-200.000.
- Wada, Kenzo: *See—*
  - Mizumura, Motoo; and Wada, Kenzo, 4,539,530, Cl. 331-117.0FE.
- Wada, Kinzo; and Enami, Ken, to Victor Company of Japan, Ltd. Protective circuit for an electric motor. 4,504,881, 3-12-85, Cl. 361-23.000.
- Wada, Kinzo, to Victor Company of Japan, Ltd. D.C. Commutatorless electric motor. 4,511,828, 4-16-85, Cl. 318-254.000.
- Wada, Kinzo: *See—*
  - Kotake, Eiichi; Enami, Ken; and Wada, Kinzo, 4,542,423, Cl. 360-73.000.
- Wada, Kiyoshi: *See—*
  - Hatano, Yoshinori; Wada, Kiyoshi; and Midorikawa, Ichiro, 4,553,090, Cl. 324-73.0AT.
- Wada, Masami, heir: *See—*
  - Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased; Wada, Masami, heir; and Makuta, Yuri, heiress, 4,556,286, Cl. 350-335.000.
- Wada, Masanobu, deceased: *See—*
  - Uchida, Tatsu; Teshima, Toru; Wada, Masanobu, deceased; Wada, Masami, heir; and Makuta, Yuri, heiress, 4,556,286, Cl. 350-335.000.
- Wada, Masaru: *See—*
  - Shimizu, Hirokazu; Itoh, Kunio; Sugino, Takashi; and Wada, Masaru, 4,546,478, Cl. 372-36.000.
  - Sugino, Takashi; Itoh, Kunio; Wada, Masaru; and Shimizu, Hirokazu, 4,520,485, Cl. 372-48.000.
  - Wada, Takashi; Wada, Masaru; and Matsu, Toshi, 4,505,252, Cl. 126-246.000.
- Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, to Fuji Photo Film Co., Ltd. Optical information recording material. 4,499,178, 2-12-85, Cl. 430-495.000.
- Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, to Fuji Photo Film Co., Ltd. Method for recording light information. 4,500,889, 2-19-85, Cl. 346-1.100.
- Wada, Minoru; Takahashi, Yonosuke; and Hasegawa, Eiichi, to Fuji Photo Film Co., Ltd. Method for copying optical information. 4,529,991, 7-16-85, Cl. 346-76.00L.
- Wada, Noriaki, to Bando Chemical Industries, Ltd. Rubber composition containing non-tackiness-imparting agent and conveyor belt having surface layer made of vulcanizate of said composition. 4,500,666, 2-19-85, Cl. 524-232.000.
- Wada, Noriaki, to Japan Synthetic Rubber Co., Ltd.; and Bando Chemical Industries, Ltd. Rubber composition containing a silicone raw rubber. 4,517,332, 5-14-85, Cl. 524-506.000.
- Wada, Seiji: *See—*
  - Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.
- Wada, Shozo: *See—*
  - Shiino, Kouji; Hashimoto, Nobuo; Wada, Shozo; Nakamura, Keijiro; Izumi, Akio; Sato, Toshio; and Matsui, Takashi, 4,537,648, Cl. 156-351.000.
- Wada, Shunichi, to Mitsubishi Denki Kabushiki Kaisha. Apparatus for measuring flow velocity. 4,497,203, 2-5-85, Cl. 73-204.000.
- Wada, Sumio; and Inakagata, Satoru, to Matsushita Electric Works, Ltd. Quick charging apparatus. 4,551,666, 11-5-85, Cl. 320-20.000.
- Wada, Susumu: *See—*
  - Fukano, Yoshimasa; and Wada, Susumu, 4,529,711, Cl. 436-177.000.
- Wada, Takahiro; Yamamoto, Ryoichi; and Yokotani, Fumiko, to Matsushita Electric Industrial Co., Ltd. Heat storage material. 4,561,989, 12-31-85, Cl. 252-70.000.
- Wada, Takashi; Wada, Masaru; and Matsu, Toshi, to American Hospital Supply Corporation. Hollow dishes with meltable cores and method of making such dishes. 4,505,252, 3-19-85, Cl. 126-246.000.
- Wada, Takeo: *See—*
  - Matsuura, Kazumi; and Wada, Takeo, 4,512,962, Cl. 423-331.000.
- Wada, Takeshi; Kita, Hisanao; Wada, Tatsuji; Fujishima, Susumu; and Kadowaki, Hironori, to Hitachi, Ltd. System for automatically inserting U-tubes of heat exchanger or the like. 4,543,711, 10-1-85, Cl. 29-726.000.
- Wada, Takuo: *See—*
  - Ohyama, Hiroshi; Morita, Ken; Wada, Takuo; and Miyahara, Masahiko, 4,512,989, Cl. 514-383.000.
- Wada, Tatsuji: *See—*
  - Wada, Takeshi; Kita, Hisanao; Wada, Tatsuji; Fujishima, Susumu; and Kadowaki, Hironori, 4,543,711, Cl. 29-726.000.
- Wada, Tetsuyoshi: *See—*
  - Yanagi, Kenichi; Taguchi, Toshio; Wada, Tetsuyoshi; Furukawa, Heisaburo; and Wake, Kanji, 4,552,092, Cl. 118-718.000.
- Wada, Tomio: *See—*
  - Funada, Fumiaki; Matsura, Masataka; and Wada, Tomio, 4,556,287, Cl. 350-336.000.
  - Takamatsu, Toshiaki; Funada, Fumiaki; Ishii, Yutaka; and Wada, Tomio, 4,536,060, Cl. 350-343.000.
- Wada, Tsuneo; Tamaki, Kiyoshi; Murata, Hideki; Terada, Sadatugu; and Takagiwa, Hiroyuki, to Konishiroku Photo Industry Co., Ltd. Method for the production of toner for electrophotography and the toner produced thereby. 4,507,378, 3-26-85, Cl. 430-137.000.
- Wada, Yasuyoshi: *See—*
  - Makishima, Takao; Inaba, Shigeru; and Wada, Yasuyoshi, 4,518,099, Cl. 221-30.000.
- Wada, Yoshiaki: *See—*
  - Chiba, Ko; Wada, Yoshiaki; Miida, Hiroshi; and Ono, Sumio, 4,542,907, Cl. 277-140.000.
- Wada, Yoshimi: *See—*
  - Gotoh, Miyuki; and Wada, Yoshimi, 4,546,263, Cl. 250-561.000.
- Wada, Yoshiyo; and Takehara, Hideaki, to Victor Company of Japan, Ltd. Circuit arrangement for applying high frequency energy to a capacitance detection record stylus. 4,495,610, 1-22-85, Cl. 369-126.000.
- Wada, Yoshiyo; Goto, Kunio; and Kinjo, Hisao, to Victor Company of Japan, Ltd. Stylus for reproducing information signals recorded on a recording medium. 4,497,052, 1-29-85, Cl. 369-126.000.
- Wada, Yoshiyo; Goto, Kunio; and Takehara, Hideaki, to Victor Company of Japan, Ltd. Record stylus for capacitance disks. 4,503,529, 3-5-85, Cl. 369-126.000.
- Wada, Yuichi: *See—*
  - Mori, Teijiro; Wada, Yuichi; Nishisako, Shizutaka; Tazawa, Hiroaki; and Masuda, Shigeru, 4,539,451, Cl. 200-147.00R.
- Wada, Yutaka: *See—*
  - Satoh, Koji; Ooka, Akihiro; and Wada, Yutaka, 4,542,526, Cl. 382-13.000.
- Waddell, Bruce A.: *See—*
  - Sugden, David B.; Waddell, Bruce A.; Kindsvater, James P.; and Moffat, Robert B., 4,548,442, Cl. 299-10.000.
- Waddell, Thomas P.; and Renzetti, Robin, to Waddell, Thomas P. Body weight support system. 4,522,199, 6-11-85, Cl. 128-80.00G.
- Waddill, Harold G.; and Schulze, Heinz, to Texaco Inc. Epoxy resin curatives. 4,518,749, 5-21-85, Cl. 525-504.000.
- Waddill, Harold G., to Texaco Inc. Epoxy resin curatives. 4,528,308, 7-9-85, Cl. 523-466.000.
- Waddill, Harold G., to Texaco Inc. Weather-resistant epoxy coatings. 4,528,345, 7-9-85, Cl. 525-523.000.
- Waddill, Harold G., to Texaco Inc. Epoxy resins with increased flexibility. 4,533,719, 8-6-85, Cl. 528-111.000.
- Waddill, Harold G.: *See—*
  - Cuscurida, Michael; Waddill, Harold G.; and Peterson, Bruce W., 4,518,720, Cl. 521-156.000.
  - Cuscurida, Michael; and Waddill, Harold G., 4,535,133, Cl. 525-504.000.
  - Sellstrom, Kathy B.; and Waddill, Harold G., 4,552,933, Cl. 525-454.000.
- Waddington, Robert L.: *See—*
  - Roberts, George E.; and Waddington, Robert L., 4,557,024, Cl. 24-20.0TT.
- Waddingtons Games Limited: *See—*
  - Fisher, Denys, 4,550,040, Cl. 428-33.000.
- Wade, Jack H.: *See—*
  - Fullbright, Olen E.; Baird, Truette H.; and Wade, Jack H., 4,527,403, Cl. 66-177.000.
- Wade, James C.: *See—*
  - McDonald, Daniel P.; and Wade, James C., 4,500,502, Cl. 423-321.00R.
- Wade, James J., to Riker Laboratories, Inc. Substituted imidazo[1,2-c]pyrimidines. 4,503,050, 3-5-85, Cl. 514-222.000.
- Wade, James J., to Riker Laboratories, Inc. Process for tetrazolylpyrimidinone derivatives. 4,507,477, 3-26-85, Cl. 544-250.000.
- Wade, James J., to Riker Laboratories, Inc. Substituted triazolo[1,5-c]pyrimidines. 4,528,288, 7-9-85, Cl. 514-258.000.

- Wade, James J., to Riker Laboratories, Inc. Substituted triazolo[4,3-c]pyrimidines. 4,532,242, 7-30-85, Cl. 514-258.000.
- Wade, James J., to Riker Laboratories, Inc. Pyrimidines substituted by nitrogen-containing heterocyclic rings as intermediates. 4,536,579, 8-20-85, Cl. 544-58.200.
- Wade, John F.: *See—*
  - Wallschlaeger, Alan R.; and Wade, John F., 4,493,258, Cl. 101-415.100.
- Wade, Kenneth B.; and Luque, Phillip R. Encoder system for dot matrix line printer. 4,522,517, 6-11-85, Cl. 400-322.000.
- Wade, Peter C.: *See—*
  - Krapcho, John; and Wade, Peter C., 4,497,953, Cl. 546-99.000.
- Wade, Wallace R.; and Rao, Vemulapalli Durga N., to Ford Motor Company. Automatic initiation system for regenerating a particulate filter trap. 4,538,411, 9-3-85, Cl. 60-274.000.
- Wade, Wallace R.: *See—*
  - Rao, Vemulapalli D. N.; and Wade, Wallace R., 4,494,375, Cl. 60-296.000.
  - Rao, Vemulapalli D. N.; and Wade, Wallace R., 4,544,388, Cl. 55-282.000.
- Wade, William L., Jr.: *See—*
  - Binder, Michael; Petersen, Eric R.; Walker, Charles W., Jr.; Wade, William L., Jr.; and Gilman, Sol, 4,514,478, Cl. 429-196.000.
  - Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,526,881, Cl. 502-101.000.
  - Binder, Michael; Walker, Charles W., Jr.; Petersen, Eric R.; Wade, William L., Jr.; and Gilman, Sol, 4,543,305, Cl. 429-101.000.
  - Walker, Charles W., Jr.; Wade, William L., Jr.; Binder, Michael; and Gilman, Sol, 4,560,628, Cl. 429-105.000.
- Wadell, Georg, to Gislaved Aktiebolag. Vehicle track having flexible interconnected links. 4,506,933, 3-26-85, Cl. 305-35.00R.
- Wader, Heribert, to Deutsche Perlite GmbH. Apparatus for the expansion of mineral matter, especially perlite and vermiculite. 4,512,736, 4-23-85, Cl. 432-58.000.
- Wadhwa, Suresh K., to Hughes Tool Company. Cross-linking system for water based well fracturing fluids. 4,514,309, 4-30-85, Cl. 252-8.55R.
- Wadle, Heinrich: *See—*
  - Jung, Eggert; and Wadle, Heinrich, 4,516,175, Cl. 358-283.000.
- Wadley, Donald K.; and Gordon, Philip, to Hewlett-Packard Company. Dot image buffer and dot sequence scrambler for dot matrix line printer. 4,548,134, 10-22-85, Cl. 101-93.040.
- Wadso, Ingemar; Suurkuusk, Jaak; and Taylor, Robert L. Probe for use in a microcalorimeter. 4,492,480, 1-8-85, Cl. 374-33.000.
- Wadsworth, Charles; and Juergens, Dieter, to Harnischfeger Corporation. Crane with outboard counterweight carrier. 4,540,097, 9-10-85, Cl. 212-196.000.
- Wadsworth, Charles L., to Harnischfeger Corporation. Articulation for tower crane boom that has a parking position. 4,529,094, 7-16-85, Cl. 212-255.000.
- Wadsworth, Harry J.: *See—*
  - McCullagh, Keith G.; Wadsworth, Harry J.; and Hann, Michael M., 4,511,504, Cl. 260-112.50R.
- Wadsworth, Jeffrey: *See—*
  - Ruano, Oscar; Wadsworth, Jeffrey; and Sherby, Oleg D., 4,492,671, Cl. 419-48.000.
  - Vidoz, Aldo E.; Crooks, Donald D.; Lewis, Richard E.; Palmer, Ian G.; and Wadsworth, Jeffrey, 4,557,770, Cl. 148-437.000.
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- Waechter, David A.; Wolf, Michael A.; and Umbarger, C. John, to United States of America, Energy. Spectrometer gun. 4,550,381, 10-29-85, Cl. 364-527.000.
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  - Ali-Khan, Imran; Dietz, Karl-Jurgen; Waelbroeck, Francois; and Wienhold, Peter, 4,494,965, Cl. 55-16.000.
- Waerstad, Kjell R.: *See—*
  - Sullivan, Jack M.; Kim, Yong K.; and Waerstad, Kjell R., 4,507,139, Cl. 71-50.000.
- Waeschle Maschinenfabrik GmbH: *See—*
  - Krambrock, Wolfgang; and Hoppe, Hans, 4,528,092, Cl. 209-139.00R.
- Waetjen, Frank: *See—*
  - Braestrup, Claus T.; Christensen, Joergen A.; Engelstoft, Mogens; and Waetjen, Frank, 4,507,313, Cl. 514-220.000.
- Wafilin B.V.: *See—*
  - van Zon, Cornelis; Jonkeren, Gerrit J.; and Eggengoor, Hilbert, 4,514,302, Cl. 210-433.200.
- Wagatsuma, Mitsuyoshi: *See—*
  - Oine, Toyonari; Yamada, Yoshihisa; Wagatsuma, Mitsuyoshi; Yamaguchi, Totaro; and Ohshima, Satoshi, 4,547,494, Cl. 514-204.000.
- Wagemann, Dolores. Infant restraint. 4,515,155, 5-7-85, Cl. 128-134.000.
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- Wagener, Hans, to Rittal-Werk Rudolf Loh GmbH & Co. KG. Movable fuse socket support for use on bus bars. 4,538,879, 9-3-85, Cl. 339-22.00B.
- Wagener, Hans H.: *See—*
  - Gruber, Klaus; Lohner, Manfred; Posselt, Klaus; and Wagener, Hans H., 4,555,524, Cl. 514-570.000.
- Wagener Schwelm GmbH & Co.: *See—*
  - Fudickar, Harald; and Thies, Peter, 4,554,043, Cl. 156-502.000.
  - Fudickar, Harald; and Thies, Peter, 4,557,791, Cl. 156-580.000.
- Wagenknecht, Arthur J.: *See—*
  - Koenigsberg, William D.; and Wagenknecht, Arthur J., 4,506,192, Cl. 315-71.000.
- Wagenseil, Ludwig; and Hoffmeister, Hermann, to Hydromatik GmbH. Pressure averager. 4,519,413, 5-28-85, Cl. 137-111.000.
- Wagensomer, Joseph: *See—*
  - Agarwal, Pawan K.; Lundberg, Robert D.; Wagensomer, Joseph; and Jagisch, Frank C., 4,517,250, Cl. 428-483.000.
- Wagensommer, Joseph; Klein, Robert R.; and Lundberg, Robert D., to Exxon Research & Engineering Co. Process for the sulfonation of an elastomeric polymer. 4,532,302, 7-30-85, Cl. 525-343.000.
- Wagensonner, Eduard; Ruf, Wolfgang; and Landsiedel, Thomas, to AGFA-Gevaert, A.G. Arrangement of a dynamic random access memory. 4,558,436, 12-10-85, Cl. 365-230.000.
- Wagerer, Helmut F.: *See—*
  - Lorenzi, Donald E.; and Wagerer, Helmut F., 4,502,253, Cl. 51-165.00R.
- Waggoner, Clinton A.; Dominique, Harry P.; Moonie, Gary A.; and Kaye, Bruce J., to Canada, Her Majesty the Queen in right of, as represented by the Minister of National Defence of Her Majesty's Canadian Government. Ferrography apparatus. 4,506,960, 3-26-85, Cl. 350-529.000.
- Waggoner, Dennis H. Lumber assembly machine. 4,500,385, 2-19-85, Cl. 156-380.400.
- Waggoner, James R.: *See—*
  - Laitinen, Herbert A.; and Waggoner, James R., 4,552,641, Cl. 204-32.100.
- Waggoner, John, to Enthone, Incorporated. Method of using a shielding means to attenuate electromagnetic radiation in the radio frequency range. 4,514,586, 4-30-85, Cl. 174-35.0MS.
- Waggoner, Van E., to Deere & Company. Tandem drive mounting. 4,535,860, 8-20-85, Cl. 180-24.050.
- Waggoner, Wayne. Auxiliary axle apparatus. 4,524,841, 6-25-85, Cl. 280-81.00A.
- Waggott, John: *See—*
  - Tuttle, Alan H.; Leonard, James K.; Agharkar, Shireesh A.; and Waggott, John, 4,557,664, Cl. 415-105.000.
- Waghorn, Robert D.: *See—*
  - Brush, Robert W., Jr.; and Waghorn, Robert D., 4,561,179, Cl. 29-866.000.
- Wagman, Julius; and Sajic, Branko, to Helene Curtis Industries, Inc. Skin and hair conditioner compositions and conditioning method. 4,551,330, 11-5-85, Cl. 424-59.000.
- Wagner, Alfred, to AT&T Bell Laboratories. Correction of lithographic masks. 4,548,883, 10-22-85, Cl. 430-5.000.
- Wagner, Alfred; and Ames, Adolf, to Swiss Aluminium Ltd. Device for indirect extrusion of a hollow section. 4,557,131, 12-10-85, Cl. 72-273.000.
- Wagner, Arno: *See—*
  - John, Willy; Klimaschka, Norbert; Wagner, Arno; and Meyer, Gunther, 4,558,825, Cl. 241-171.000.
- Wagner, Bernd: *See—*
  - Strohmaier, Ernst; Reich, Heinrich; and Wagner, Bernd, 4,519,780, Cl. 433-29.000.
- Wagner, Bill L., Sr., to Bio Clinic Company. Method and apparatus for rolling and packaging convoluted foam pads. 4,550,547, 11-5-85, Cl. 53-430.000.
- Wagner, Carl M., to Motorola, Inc. Apparatus and method for locating leading and trailing edges of RF pulses. 4,507,795, 3-26-85, Cl. 375-95.000.
- Wagner, David L., to Boeing Company, The. Escapement orienting mechanism. 4,515,260, 5-7-85, Cl. 193-44.000.
- Wagner, Dennis L.; and Wells, Harold D., to Pet Incorporated. Tunnel oven. 4,554,437, 11-19-85, Cl. 219-388.000.
- Wagner, Eckhart; Volkamer, Klaus; and Wagner, Ulrich, to BASF Aktiengesellschaft. Removal of CO_2 and H_2S from natural gases. 4,537,753, 8-27-85, Cl. 423-228.000.
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- Wagner, Eckhart: *See—*
  - Volkamer, Klaus; Wagner, Eckhart; and Wagner, Ulrich, 4,553,984, Cl. 55-46.000.
- Wagner, Edward A.: *See—*
  - Snider, Wendall L.; and Wagner, Edward A., 4,516,897, Cl. 414-180.000.
- Wagner, Eugene R.; Barney, Charlotte L.; and Matthews, Donald P., to Merrell Dow Pharmaceuticals Inc. Hypoglycemic N-(2-substituted-3-Dialkylamino-2-propenylidene)-N-alkylalkanaminium salts. 4,533,677, 8-6-85, Cl. 514-638.000.
- Wagner, Frederick B., III; and Izbicki, Anthony J., to Wagner, Frederick B., III. High energy propellant. 4,533,415, 8-6-85, Cl. 149-35.000.
- Wagner, Frederick B., III: *See—*
  - Apothaker, Richard L.; Reed, James; Croce, Carmen L.; and Wagner, Frederick B., III, 4,492,951, Cl. 338-316.000.
- Wagner, Fritz: *See—*
  - Elischer, Stefan; Hobel, Hans-Gunther; Merkt, Robert; and Wagner, Fritz, 4,535,160, Cl. 544-191.000.
- Wagner, Gary L.; and Serrone, Michael J., to Ford Aerospace & Communications Corporation. N×m Stripline seitch. 4,525,689, 6-25-85, Cl. 333-104.000.
- Wagner, George M., to Occidental Chemical Corporation. Non-blooming fire retardants for wood substrates. 4,539,045, 9-3-85, Cl. 106-18.130.

Wagner, Hans, to G. D. Searle & Co. 6-Substituted-5-phenyltetrazolo[1,5-a][1,2,4]triazole[1,5-c]pyrimidines, and pharmaceutical compositions containing them. 4,562,192, 12-31-85, Cl. 514-258.000.

Wagner, Hans: *See—*
  Goyert, Wilhelm; Grimm, Wolfgang; Awater, Albert; Wagner, Hans; and Kruger, Bruno, 4,500,671, Cl. 524-494.000.
  Strobel, Alfons; Wagner, Hans; and Hauser, Georg, 4,557,205, Cl. 112-20.000.

Wagner, Horst: *See—*
  Poetsch, Dieter; Massmann, Volker; Becker, Werner; and Wagner, Horst, 4,513,324, Cl. 358-214.000.

Wagner, James A., to LRV Corporation. Truck bed liner securing fixture. 4,540,214, 9-10-85, Cl. 296-39.00R.

Wagner, James B.: *See—*
  Medeiros, Charles W.; and Wagner, James B., 4,499,756, Cl. 73-118.000.

Wagner, John R., Jr. Apparatus for playing home video games. 4,494,754, 1-22-85, Cl. 273-148.00B.

Wagner, John R., Jr.; and Hein, Carl C., to Mobil Oil Corporation. Method of making an oriented multilayer heat sealable packaging film. 4,495,027, 1-22-85, Cl. 156-244.110.

Wagner, Joseph P.; and Sliger, Boyd P., to Robertshaw Controls Company. Vehicle-type thermostat construction and method of making the same. 4,548,354, 10-22-85, Cl. 236-345.000.

Wagner, Kuno: *See—*
  Kerimis, Dimitrios; Muller, Hanns P.; and Wagner, Kuno, 4,499,253, Cl. 528-45.000.
  Muller, Hanns P.; Hettel, Hans; Wagner, Kuno; and Vogtel, Peter, 4,546,116, Cl. 521-106.000.
  Muller, Peter; Wagner, Kuno; Wegner, Christian; and Schwabe, Peter, 4,544,683, Cl. 523-111.000.
  Richter, Roland; Muller, Hanns P.; Wagner, Kuno; Riberi, Bernd; and Frohlich, Jurg, 4,518,761, Cl. 528-67.000.
  Schafer, Walter; Meiners, Hans-Joachim; Seel, Klaus; Reichmann, Wolfgang; Wagner, Kuno; and Findeisen, Kurt, 4,499,038, Cl. 264-51.000.

Wagner, Lee. Centrifugal heating unit. 4,494,524, 1-22-85, Cl. 126-247.000.

Wagner, Louis E.; Flannery, Harold F.; and Rakoczynski, Randolph W., to Environmental Design, Inc. Groundwater protection system. 4,543,013, 9-24-85, Cl. 405-128.000.

Wagner, Manfred: *See—*
  Erdmannsdorfer, Hans; Wagner, Manfred; Numrich, Rudi; and Weyh, Gerd, 4,516,990, Cl. 55-96.000.

Wagner, Mark: *See—*
  Miller, Clyde; Hunt, Joe; and Wagner, Mark, 4,504,857, Cl. 358-99.000.

Wagner nee Kohary, Ildiko : *See—*
  Fenyvesi, Eva; Szejtli, Jozsef; Zsadon, Bela; Antal, Balazs; and Wagner nee Kohary, Ildiko , 4,547,572, Cl. 536-103.000.

Wagner, Paul D.; and Cooney, Edward F., to Siemens-Allis, Inc. Lead gasket for electric motors. 4,538,819, 9-3-85, Cl. 277-4.000.

Wagner, Paul-Heinz: *See—*
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  Dubiel, Oswald; Hirtsiefer, Karl-Richard; and Wagner, Paul-Heinz, 4,524,651, Cl. 81-57.390.

Wagner, Peter; and Shkawrytko, Victor, to Almicro Electronics Inc. Personal alarm apparatus including wrist supported transmitter and receiver/telephone interface circuit. 4,510,350, 4-9-85, Cl. 179-5.00P.

Wagner, Richard C., to Hollymatic Corporation. Meat loaf forming apparatus. 4,530,132, 7-23-85, Cl. 17-45.000.

Wagner, Richard P. Method and apparatus for door protection. 4,493,164, 1-15-85, Cl. 49-65.000.

Wagner, Robert A., deceased: *See—*
  Logan, Andrew H.; and Wagner, Robert A., deceased, 4,519,559, Cl. 244-17.170.

Wagner, Robert E. Motorcycle cargo trailer. 4,536,001, 8-20-85, Cl. 280-5.00C.

Wagner, Robert F., to Sealy, Incorporated. Coil spring and spring assembly. 4,535,978, 8-20-85, Cl. 267-91.000.

Wagner, Rudolf, to Rems-Werk Christian Foll und Sohne GmbH & Co. Apparatus for working pipes. 4,497,100, 2-5-85, Cl. 29-27.00A.

Wagner, Rudolf, to Rems-Werk Christian Foll und Sohne GmbH & Co. Thread cutting tool. 4,502,821, 3-5-85, Cl. 408-124.000.

Wagner, Rudolph; and Schiwiora, Harry, to Degussa Aktiengesellschaft. Dental alloy based on palladium for the production of fixed and removable dental constructions. 4,551,302, 11-5-85, Cl. 420-464.000.

Wagner Shokai, Inc.: *See—*
  Itoh, Yoshie, 4,504,058, Cl. 273-143.00R.

Wagner, Siegfried, to VEB Zentrum fur Forschung und Technologie Mikroelektronik. Gate controlled semiconductor device. 4,550,332, 10-29-85, Cl. 357-38.000.

Wagner Spray Tech Corporation: *See—*
  Karliner, Rudolf R.; and Carlin, Samuel R., 4,551,036, Cl. 401-131.000.
  Karliner, Rudy R.; and Peterson, Gerald E., 4,511,427, Cl. 156-523.000.
  Snetting, Mark; West, Dan; and Hacker, John R., 4,550,919, Cl. 277-23.000.
  Tsals, Izrail; Peterson, Gerald E.; Karliner, Rudy R.; Carpenter, Scott R.; and Frank, Peter L., 4,559,661, Cl. 15-93.00R.

Wagner, Steven D.: *See—*
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Wagner, Theodor M., to RCA Corporation. Complementary color splitting filters used in a color camera. 4,555,163, 11-26-85, Cl. 350-172.000.

Wagner, Theresia K. Sunscreen cover apparatus for an evaporative cooler. 4,498,912, 2-12-85, Cl. 55-233.000.

Wagner, Thomas R., to United Technologies Corporation. Electrical switch for induction heating system. 4,518,837, 5-21-85, Cl. 200-81.00R.

Wagner, Ulrich: *See—*
  Volkamer, Klaus; Wagner, Eckhart; and Wagner, Ulrich, 4,553,984, Cl. 55-46.000.
  Wagner, Eckhart; Volkamer, Klaus; and Wagner, Ulrich, 4,537,753, Cl. 423-228.000.
  Wagner, Eckhart; Volkamer, Klaus; Hefner, Werner; and Wagner, Ulrich, 4,551,158, Cl. 55-46.000.

Wagner, Warren E. Light controlled fader. 4,523,090, 6-11-85, Cl. 250-211.00K.

Wagner, Wayne M.; Schmeichel, Steven D.; and Bethke, Timothy A., to Donaldson Company, Inc. Clamp for exhaust system. 4,558,891, 12-17-85, Cl. 285-322.000.

Wagner, William R.: *See—*
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  Rosman, Irwin E.; and Wagner, William R., 4,523,638, Cl. 165-167.000.
  Rosman, Irwin E.; and Wagner, William R., 4,535,840, Cl. 165-167.000.

Wagner, Wolfgang, to Siemens Aktiengesellschaft. Method and apparatus for the error-free synchronization of asynchronous pulses. 4,498,176, 2-5-85, Cl. 371-47.000.

Wagner, Wolfgang: *See—*
  Kock, Wulf; Schmidberger, Rainer; and Wagner, Wolfgang, 4,498,395, Cl. 102-517.000.

Wagner Zip-Change Inc.: *See—*
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Wagnieres, Willy: *See—*
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Wagnon, Jean; Gautier, Patrick; and Gagnol, Jean-Pierre, to Sanofi. Indole derivatives of tryptamine and cardiovascular compositions thereof. 4,522,824, 6-11-85, Cl. 514-414.000.

Wagnon, Jean: *See—*
  Demarne, Henri; and Wagnon, Jean, 4,510,315, Cl. 548-455.000.

Wagoner, John G.; and Smith, Louis W., to GTE Business Communication Systems Inc. Master unlock circuit for an electronic telephone. 4,536,620, 8-20-85, Cl. 179-90.00D.

Wagu, Masakatsu; Hayashi, Shoichiro; Murayama, Naohiro; and Sakagami, Teruo, to Kureha Kagaku Kogyo Kabushiki Kaisha. Substrate for liquid chromatography and process for isolating and purifying fat-soluble substance by the liquid chromatography on the substrate. 4,497,710, 2-5-85, Cl. 210-635.000.

Wahhoud, Adnan: *See—*
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Wahl Clipper Corporation: *See—*
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Wahl, Friedrich M.: *See—*
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  Scherl, Wolfgang; Abele, Ludwig; Wahl, Friedrich M.; and Fuchsberger, Hermann, 4,504,972, Cl. 382-51.000.

Wahl, Georg: *See—*
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  Neidig, Arno; Berndt, Dietmar; Wahl, Georg; and Wittmer, Mark, 4,505,418, Cl. 228-122.000.

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  Koch, Friedrich-Otto; and Wahl, Hans-Jurgen, 4,531,409, Cl. 73-588.000.

Wahl, Helmut: *See—*
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  Dorries, Peter; and Wahl, Helmut, 4,533,590, Cl. 428-211.000.

Wahl, Richard C.; and Wahl, Eugene R. Flexible sleeve for bin activator. 4,520,952, 6-4-85, Cl. 222-199.000.

Wahl, Timothy M.: *See—*
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Wahlmann, Ernst; and Klausing, Karl-Heinz, to P.A. Rentrop Hubbert & Wagner Fahrzeugausstattungen GmbH & Co. KG. Rear seat for use in a motor vehicle. 4,518,201, 5-21-85, Cl. 297-316.000.

Wahlquist, Clayton C., to Tektronix, Inc. Test pattern generators. 4,495,519, 1-22-85, Cl. 358-139.000.

Wahlquist, Clayton C., to Sperry Corporation. Pulse width modulation conversion circuit for controlling a color display monitor. 4,516,118, 5-7-85, Cl. 340-703.000.

Wahlquist, Clayton C., to Tektronix, Inc. Convergence control system for multigun CRT. 4,524,307, 6-18-85, Cl. 315-368.000.

Wahlquist, Fred H.: *See—*

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Wahnberger, Dieter: *See—*

Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,554,715, Cl. 28-107.000.

Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,555,424, Cl. 428-91.000.

Reim, Ingeborg; Pohl, Gerhard; Gotzke, Wolfgang; Wahnberger, Dieter; Postel, Lothar; Kindlein, Irmgard; Vatter, Rudolf; and Greschke, Manfred, 4,555,425, Cl. 428-91.000.

Waibel, Helmut K., to Durango Systems, Inc. Printer feeder. 4,498,794, 2-12-85, Cl. 400-629.000.

Waibel, Walter. Corner work table, in particular for office work. 4,559,877, 12-24-85, Cl. 108-64.000.

Waide, William M., to BCDS Corporation. Engine with roller and cam drive from piston to output shaft. 4,545,336, 10-8-85, Cl. 123-55.0AA.

Waigand, Helmut: *See—*

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Waikas, Jack; and Hosie, James, to Waikas & Hosie Development Corporation. Impact driven wood splitter. 4,491,164, 1-1-85, Cl. 144-194.000.

Wain-Roy, Inc.: *See—*

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Wainauski, Harry S.; and Rohrbach, Carl, to United Technologies Corporation. Airfoil blade. 4,519,746, 5-28-85, Cl. 416-223.00R.

Waine, Martin; Rude, Edward T.; and Nisenson, Jules, to General Clutch Corp. Window shade system for reducing heat transport through windows. 4,499,937, 2-19-85, Cl. 160-41.000.

Waineo, Douglas K.; and Wong, Sam S., to United States of America, Air Force. Dipole ring array antenna for circularly polarized pattern. 4,555,708, 11-26-85, Cl. 343-799.000.

Wainwright, Barry. Aerofoils. 4,537,146, 8-27-85, Cl. 114-103.000.

Wainwright, Ronald C.; Goy, Nicholas M.; Anderson, John D.; Pettigrew, Robert M.; and Bradbrook, John D., to Etablissements Pierre Angenieux SA. Zoom lens for cameras. 4,541,695, 9-17-85, Cl. 350-429.000.

Wairegi, Tom; Boyle, Joseph P.; and Gilbert, John B., to Exxon Research & Engineering Co. Reactivation of iridium-containing catalysts. 4,514,284, 4-30-85, Cl. 208-140.000.

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Gibson, Dennis H.; Stockner, Alan R.; and Waldman, Donald J., 4,554,901, Cl. 123-450.000.
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Waldman, Herbert H. Energy saving control circuit for a light switch and a method therefor. 4,540,984, 9-10-85, Cl. 340-825.000.
Waldman, Morton, to Data Bind Inc. Looseleaf binder for computer paper. 4,527,923, 7-9-85, Cl. 402-75.000.
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- Walker, Bertice E., Jr.; and Hyder, Richard J., to Allied Corporation. Method of assembling an actuating lever to a potentiometer. 4,523,373, 6-18-85, Cl. 29-593.000.
- Walker, Brian: *See—*
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- Walker, Brian J.; and Hodgson, Victor F., to Imperial Chemical Industries PLC. Apparatus and method for the continuous manufacture of foam board. 4,495,013, 1-22-85, Cl. 156-79.000.
- Walker, Brooks. Vehicle mounted parking device for use on front wheel drive vehicles. 4,516,653, 5-14-85, Cl. 180-199.000.
- Walker, Bryant H., to United Technologies Corporation. Process for fabricating multi-alloy components. 4,529,452, 7-16-85, Cl. 148-11.50Q.
- Walker, Bryant H., to United Technologies Corporation. Forging method and die package therefor. 4,530,229, 7-23-85, Cl. 72-354.000.
- Walker, Bryant H.: *See—*
  - MacNitt, Donald G., Jr.; Walker, Raymond M.; and Walker, Bryant H., 4,531,396, Cl. 72-354.000.
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- Walker, Charles W., Jr.; Wade, William L., Jr.; Binder, Michael; and Gilman, Sol, to United States of America, Army. High capacity inorganic oxyhalide electrochemical cell. 4,560,628, 12-24-85, Cl. 429-105.000.
- Walker, Charles W., Jr.: *See—*
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- Walker, Clarence O., to Texaco Inc. Method for releasing stuck drill pipe. 4,494,610, 1-22-85, Cl. 166-301.000.
- Walker, Clifford G. Integrated optics transducer. 4,529,876, 7-16-85, Cl. 250-227.000.
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  - Ulrich, Lawrence W.; and Walker, Connie W., 4,542,616, Cl. 53-137.000.
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- Walker, David E. Two stage electric drive. 4,525,655, 6-25-85, Cl. 318-45.000.
- Walker, David G. Treatment of carbonaceous shales or sands to recover oil and pure carbon as products. 4,519,894, 5-28-85, Cl. 208-11.00R.
- Walker, David G. Cuprous aluminum cyano trichloride: $CuAl(CN)Cl_3$: its preparation and use for the reversible complexing of unsaturated ligands. 4,545,966, 10-8-85, Cl. 423-245.000.
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- Walker, Derek: *See—*
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- Walker, Donald C.; and Ginsburgh, Irwin, to Standard Oil Company (Indiana). Sealing device for liquid dispensing nozzles which recover vapor having conduit internal to fillpipe. 4,505,308, 3-19-85, Cl. 141-59.000.
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  - Mitchell, Hal D.; Glover, Richard W.; Walker, Donald R.; and Rosenberg, Isadore, 4,558,470, Cl. 2-414.000.
- Walker, Edward R. H., to Imperial Chemical Industries PLC. Amide derivatives. 4,533,656, 8-6-85, Cl. 514-19.000.
- Walker, Edward S.: *See—*
  - Schoenig, Frederick C., Jr.; Landry, J. David; Walker, Edward S.; and Lai, Ching C., 4,549,662, Cl. 209-539.000.
- Walker, Erik K.: *See—*
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- Walker, Ernest D. Shellfish cutting and eating implement. 4,519,136, 5-28-85, Cl. 30-142.000.
- Walker, Eugene P., to Harsco Corporation. Concrete core-wall form and stripping assembly therefor. 4,520,988, 6-4-85, Cl. 249-13.000.
- Walker, Evo M., to Taylor Machine Works, Inc. Fork lift clamp apparatus. 4,493,604, 1-15-85, Cl. 414-622.000.
- Walker, Ewald: *See—*
  - Backe, Egbert; Muller, Rolf; Otto, Dieter; Leonardi, Cornelio; Kochendorfer, Heinrich; Fussner, Paul; Walker, Ewald; and Rommel, Rudi, 4,499,757, Cl. 73-119.00A.
- Walker, Floyd E. Snow plowable pavement marker. 4,557,624, 12-10-85, Cl. 404-14.000.
- Walker, Francis H., to Stauffer Chemical Company. Haloacetylaminomethyl dioxolane herbicide antidotes. 4,512,796, 4-23-85, Cl. 71-88.000.
- Walker, Francis H.; and Baker, Don R., to Stauffer Chemical Company. Herbicides: N,N-dialkyl-2-(4-substituted-1-naphthoxy) propionamides. 4,548,641, 10-22-85, Cl. 71-118.000.
- Walker, Francis H., to Stauffer Chemical Company. Haloalkylcarbonylamino-1,3-dioxane herbicide antidotes. 4,561,876, 12-31-85, Cl. 71-88.000.
- Walker, Fritz: *See—*
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  - Goller, Ernst; and Walker, Fritz, 4,535,609, Cl. 66-146.000.
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- Walker, Gary: *See—*
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- Walker, Gary E.; Spiegel, Leo; Shuman, Anthony J.; and Kirtley, James L., Jr., to Apogee Acoustics, Inc. Ribbon speaker system. 4,550,228, 10-29-85, Cl. 179-115.00V.
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- Walker, Gary W.: *See—*
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- Walker, George R. Adjustable motorcycle passenger floorboard. 4,546,993, 10-15-85, Cl. 280-291.000.
- Walker, Graham S.: *See—*
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- Walker, Harold E., Jr., to Somerset Welding & Steel, Inc. Top opening door assembly. 4,542,931, 9-24-85, Cl. 296-100.000.
- Walker, Harold R.: *See—*
  - McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cullity, Joseph A.; and Stryzak, Bohdan, 4,546,382, Cl. 358-84.000.
- Walker, Ian C., to Quantel Limited. Video image creation system which simulates drafting tool. 4,514,818, 4-30-85, Cl. 364-521.000.
- Walker, Ian C.: *See—*
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- Walker, Jack A., to PORTEC. Rear travel guidance system. 4,524,314, 6-18-85, Cl. 318-587.000.
- Walker, James D.; Underhill, Kenneth R.; and Campbell, Willis R., to Sperry Corporation. Twine cutting and clamping apparatus for a roll baling machine. 4,517,889, 5-21-85, Cl. 100-5.000.
- Walker, James D., to Sperry Corporation. Breakaway mechanism for a twine wrapping apparatus. 4,530,279, 7-23-85, Cl. 100-5.000.
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  - Shenberger, Paul S.; Walker, James D.; and Campbell, Willis R., 4,505,197, Cl. 100-5.000.
- Walker, James M., to Dril-Quip Inc. Apparatus for releasably connecting tubular members in end-to-end relation. 4,491,346, 1-1-85, Cl. 285-18.000.
- Walker, James M., to Dril-Quip Inc. Subsea wellhead connectors. 4,496,172, 1-29-85, Cl. 285-18.000.
- Walker, James M., to Dril-Quip Inc. Weld-on casing connector. 4,509,777, 4-9-85, Cl. 285-286.000.
- Walker, James W.: *See—*
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- Walker, Joe H.: *See—*
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- Walker, Joe M.; and Potts, Thomas M., to Eagle-Picher Industries, Inc. Production of elemental silicon from impure silane feed. 4,537,759, 8-27-85, Cl. 423-349.000.
- Walker, John A.: *See—*
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- Walker, John G., to Bowthorpe-Hellermann Limited. Automatic tie gun. 4,495,972, 1-29-85, Cl. 140-93.200.
- Walker, John G. Self-trimming sailset. 4,543,899, 10-1-85, Cl. 114-39.000.
- Walker, John H.; and Wood, Harold V., to Phillips Petroleum Company. Stamp molded paraffin scraper. 4,544,701, 10-1-85, Cl. 524-609.000.
- Walker, John R.: *See—*
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  - Herbots, Ivan; Johnston, James P.; and Walker, John R., 4,561,991, Cl. 252-118.000.
- Walker, John S.: *See—*
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- Walker, Joseph K., Jr.: *See—*
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Walker, Keith A. M., to Syntex (U.S.A.) Inc. Spermicidal substituted 1-(cycloalkyl)alkylimidazoles. 4,522,948, 6-11-85, Cl. 514-396.000.
Walker, Kenneth L.; and Farnstrom, Kenneth A., to Remote Technology Corp. Releasable connector for conduit components. 4,530,522, 7-23-85, Cl. 285-91.000.
Walker, Leigh E.; and Ranade, Gautam R., to Occidental Chemical Corporation. Blends of polyolefin graft polymers and ASA polymers. 4,537,933, 8-27-85, Cl. 525-71.000.
Walker, Leigh E.; and Ranade, Gautam R., to Occidental Chemical Corporation. Blends of polyolefin graft polymers and SMA polymers. 4,562,229, 12-31-85, Cl. 525-71.000.
Walker, Leigh E.: *See—*
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Walker, Leo; and Walker, Peter. Soccer training device especially for head and foot. 4,561,661, 12-31-85, Cl. 273-411.000.
Walker, Leroy. Hand-driven, reciprocating can opener. 4,521,965, 6-11-85, Cl. 30-410.000.
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  Lippitt, David L.; and Walker, Loren H., 4,496,899, Cl. 323-207.000.
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Walker, Martin J., to NL Industries, Inc. Communication apparatus for hostile environments. 4,491,699, 1-1-85, Cl. 179-156.00R.
Walker, Mathew. Camping and recreation trailer. 4,511,174, 4-16-85, Cl. 296-173.000.
Walker, Michael L., to Halliburton Company. Method and composition for acidizing subterranean formations. 4,498,997, 2-12-85, Cl. 252-8.55C.
Walker, Michael L., to Halliburton Company. Method and composition for protecting metal surfaces from oxidative environments. 4,522,658, 6-11-85, Cl. 148-6.14R.
Walker, Michael L. Knife with locking folding blade. 4,551,917, 11-12-85, Cl. 30-161.000.
Walker, Michael L., to Halliburton Company. Method and composition for acidizing subterranean formations. 4,552,672, 11-12-85, Cl. 252-8.55C.
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  Haney, Keith M., 4,522,439, Cl. 294-110.100.
  Haney, Keith M., 4,533,055, Cl. 211-70.400.
  Willis, Clyde A., 4,509,606, Cl. 175-69.000.
  Willis, Clyde A., 4,511,169, Cl. 294-116.000.
Walker, O. Neal. Solids separator. 4,526,683, 7-2-85, Cl. 209-423.000.
Walker, Paul; Hamrick, Glen F.; and Sosebee, B. Lamar, to Walker, Paul; and Hamrick, Glen F. Method for applying polyurethane backing. 4,515,646, 5-7-85, Cl. 156-78.000.
Walker, Peter: *See—*
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Walker, Ronald P.; Rex, John D.; and Schummers, John H., to United States of America, Air Force. Infrared system with computerized image display. 4,520,504, 5-28-85, Cl. 382-1.000.
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Walker, Stephen L.; and Thorpe, Beatrice E., to Weber Marking Systems, Inc. Image receiving transparency and method of making. 4,526,847, 7-2-85, Cl. 430-18.000.
Walker-Taylor, Sherry. Book assembly. 4,524,993, 6-25-85, Cl. 281-46.000.
Walker, Thad O.; Simpson, Jay P.; and Dearing, Harry L., to O'Brien-Goins-Simpson & Associates. Fast drilling invert emulsion drilling fluids. 4,508,628, 4-2-85, Cl. 252-8.50P.
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  Peiffer, Dennis G.; Lundberg, Robert D.; Walker, Thad O.; and Turner, S. Richard, 4,540,496, Cl. 252-8.50A.
  Turner, S. Richard; Walker, Thad O.; Peiffer, Dennis G.; and Lundberg, Robert D., 4,525,522, Cl. 524-547.000.
Walker, Wellington J.; and Whitehouse, George M., deceased (by Whitehouse, Barbara J., executor), to LFE Corporation. Automatic lock for two mode piston pump. 4,498,354, 2-12-85, Cl. 74-625.000.
Walker, William B.; Justus, Paul D.; and Bloomfield, Michael K., to FMC Corporation. Container trailer. 4,541,768, 9-17-85, Cl. 414-535.000.
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  Ridgeon, Paul W., 4,508,248, Cl. 222-623.000.
Walkow, Arnold M., to Dresser Industries, Inc. Casing collar indicator for operation in centralized or decentralized position. 4,540,941, 9-10-85, Cl. 324-221.000.
Walkowiak, Michael: *See—*
  Podszun, Wolfgang; Bley, Fritjof; and Walkowiak, Michael, 4,552,906, Cl. 523-115.000.
Wall, Albert J.; and Wall, James T. Adaptable material spreading vehicle. 4,522,341, 6-11-85, Cl. 239-672.000.
Wall, Arne E.: *See—*
  Siwersson, Olle L.; Wall, Arne E.; and Kristensson, Kent B. G., 4,561,596, Cl. 239-687.000.
Wall, Berth-Ove G.: *See—*
  Hansson, Ingvar J. M.; Hakansson, Hakan B.; Igefjord, Magnus G. K.; and Wall, Berth-Ove G., 4,507,854, Cl. 29-612.000.
Wall, George W.; and Jones, Glyn T., to English Clays Lovering Pochin & Company, Ltd. Tube pressure filter. 4,507,201, 3-26-85, Cl. 210-232.000.
Wall, George W.; and Jones, Glyn T., to English Clays Lovering Pochin & Company, Ltd. Tube pressure filter. 4,514,298, 4-30-85, Cl. 210-232.000.
Wall, Helmut: *See—*
  Schmidhuber, Karl; Wall, Helmut; and Demovic, Vojtech, 4,498,703, Cl. 297-328.000.
Wall, James T.: *See—*
  Wall, Albert J.; and Wall, James T., 4,522,341, Cl. 239-672.000.
Wall, Lars E.; and Jonsson, John E., to Telefonaktiebolaget LM Ericsson. Method and apparatus for correcting distortion in an image which is recorded electronically and built up along lines. 4,551,752, 11-5-85, Cl. 358-113.000.
Wall, Llewellyn E.: *See—*
  Bridgewater, Walter F.; De Caro, Robert E.; Larson, Roger; and Wall, Llewellyn E., 4,555,623, Cl. 250-214.00A.
Wall, Robert G.: *See—*
  Duerksen, John H.; Wall, Robert G.; and Knight, Jack D., 4,556,107, Cl. 166-272.000.
Wall, Rolfe E., to Anderson Mining Corporation. Process for crushing and sizing soft limerock. 4,529,133, 7-16-85, Cl. 241-20.000.
Wall, Ronald E., to Marine Concepts of America. Stopper for braided line. 4,517,759, 5-21-85, Cl. 43-7.000.
Wall, W. H. Prosthetic meniscus for the repair of joints. 4,502,161, 3-5-85, Cl. 3-1.910.

- Wallac Oy: *See—*
  - Lovgren, Timo; and Lavi, Jukka, 4,501,813, Cl. 435-8.000.
- Wallace, Barnie A., Jr.: *See—*
  - Pieslak, George; and Wallace, Barnie A., Jr., 4,533,419, Cl. 156-85.000.
- Wallace, Bruce A.: *See—*
  - Hindman, David B.; Gerlach, Lawrence L.; and Wallace, Bruce A., 4,549,893, Cl. 65-28.000.
- Wallace, Charles H. Method for changing the internal temperature of meat by the use of gas. 4,551,338, 11-5-85, Cl. 426-281.000.
- Wallace, Charles K.: *See—*
  - Milianowicz, Stanislaw A.; Davies, Norman; and Wallace, Charles K., 4,491,704, Cl. 200-144.00B.
- Wallace Companies, Inc., The: *See—*
  - Lam, Ping H., 4,555,158, Cl. 339-99.00R.
- Wallace, David R.; Korba, James M.; Matson, James E.; and Lynnworth, Lawrence C., to Panametrics, Inc. Intervalometer time measurement apparatus and method. 4,515,021, 5-7-85, Cl. 73-861.270.
- Wallace Expanding Machines, Inc.: *See—*
  - Roper, Ralph E., 4,536,931, Cl. 29-90.00R.
- Wallace, Frank B., Jr., to Garrett Corporation, The. Jet propulsion apparatus and methods. 4,527,388, 7-9-85, Cl. 60-204.000.
- Wallace, Gary A.; and Zimmer, James E., to United States of America, Air Force. Circumferentially wrapped carbon-carbon structure. 4,522,883, 6-11-85, Cl. 428-365.000.
- Wallace, Gary L.; and Kasper, Frank S., to AMCA International Corporation. Automatic trimming feature for a slicing machine. 4,552,048, 11-12-85, Cl. 83-23.000.
- Wallace, Harvey W.: *See—*
  - Lew, Eugene K.; and Wallace, Harvey W., 4,494,192, Cl. 364-200.000.
- Wallace, J. Shield; and Arnold, Fred E., to United States of America, Air Force. Protected ethynylated phenols. 4,540,833, 9-10-85, Cl. 568-766.000.
- Wallace, James B.; and Thomas, Glenn R., to Westinghouse Electric Corp. Mechanical interlock for vertically mounted circuit breakers. 4,516,100, 5-7-85, Cl. 335-160.000.
- Wallace, Jesse T.: *See—*
  - Le Van, Dien; and Wallace, Jesse T., 4,555,739, Cl. 360-103.000.
- Wallace, John L., to Maintel Pty. Limited. Excavatory machine for use in coal and other mining opertions. 4,514,012, 4-30-85, Cl. 299-57.000.
- Wallace, Joseph W.: *See—*
  - Lee, Harry W., Jr.; and Wallace, Joseph W., 4,515,284, Cl. 220-70.000.
- Wallace, Keith: *See—*
  - Schonhaar, Werner W.; Wallace, Keith; and Dickson, Tim R., 4,541,854, Cl. 65-15.000.
- Wallace, Lawrence R., to Du Pont de Nemours, E. I., and Company. Low temperature flexible PVC blends. 4,556,694, 12-3-85, Cl. 525-239.000.
- Wallace, Leonard D. Tubular fishing rod with integral handle-reel seat. 4,520,587, 6-4-85, Cl. 43-18.100.
- Wallace, Leslie E., to Dow Chemical Company, The. Addition of additives to plastics. 4,511,603, 4-16-85, Cl. 427-222.000.
- Wallace, Leslie E.: *See—*
  - Finch, Charles R.; Wallace, Leslie E.; and Evans, Thomas E., 4,544,706, Cl. 525-146.000.
- Wallace, Mark E. Bottle brush/glass cleaner. 4,502,176, 3-5-85, Cl. 15-164.000.
- Wallace, Michael: *See—*
  - Crocker, Charles L.; Wallace, Michael; and Powell, Lee, 4,553,384, Cl. 57-406.000.
- Wallace Murray Corporation: *See—*
  - McHenry, M. Louise; and Bremer, Robert C., Jr., 4,512,716, Cl. 415-205.000.
  - Owen, Bruce R.; and Sarle, R. Charles, 4,492,519, Cl. 415-145.000.
- Wallace, Neil M., to Flexibox Limited. Mechanical seals. 4,538,821, 9-3-85, Cl. 277-81.00R.
- Wallace, Neil M., to Flexibox Limited. Backup seal with bush in form of radially floating washer. 4,552,368, 11-12-85, Cl. 277-27.000.
- Wallace, Norman R., to Bechtel International Corporation. Bucket-lift slurry storage apparatus and method. 4,552,460, 11-12-85, Cl. 366-196.000.
- Wallace, Richard B., to Oakland Corporation, The. Process of forming friction. 4,501,041, 2-26-85, Cl. 10-86.00A.
- Wallace, Richard B., to Oakland Corporation, The. Method and apparatus for making friction locking threaded fasteners. 4,508,759, 4-2-85, Cl. 427-195.000.
- Wallace, Richard B., to Oakland Corporation, The. Thread lock. 4,545,712, 10-8-85, Cl. 411-258.000.
- Wallace, Robert S., to M. Bosley Wright. Lock-up corner bracket for frame parts. 4,493,583, 1-15-85, Cl. 403-402.000.
- Wallace, Robert S., to Wallace, Robert S.; and Bauman, Jack, a part interest. Heart valve. 4,556,996, 12-10-85, Cl. 623-2.000.
- Wallace, Theodore C.: *See—*
  - Scott, Laurie J.; Erickson, Robert E.; and Wallace, Theodore C., 4,529,739, Cl. 521-72.000.
- Wallace, William E.; and Pourarian, Faiz, to Koppers Company, Inc. Hydrogen storage materials of hyperstoichiometric alloys. 4,512,965, 4-23-85, Cl. 423-644.000.
- Wallace, William E.; and Pourarian, Faiz, to Koppers Company, Inc. Hydrogen storage materials of zirconium-chromium-iron and titanium alloys characterized by $ZrCr_2$ stoichiometry. 4,556,551, 12-3-85, Cl. 423-644.000.
- Wallace, William H., to Ferrell-Ross, Inc. Screen assembly for separating particulate material. 4,526,682, 7-2-85, Cl. 209-337.000.
- Wallach, Donald P., to Upjohn Company, The. Use of phenyl hydrazines for seed biostimulation or the treatment of lipoxygenase mediated seed deteriorations. 4,531,963, 7-30-85, Cl. 71-77.000.
- Wallach, Steven; Holberger, Kenneth D.; Staudaner, Steven M.; and Henry, Carl, to Data General Corporation. Data processing system having a unique address translation unit. 4,532,590, 7-30-85, Cl. 364-200.000.
- Wallach, Steven J.: *See—*
  - Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
  - Ahlstrom, John K.; Bernstein, David H.; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; and Wallach, Walter A., Jr., 4,517,642, Cl. 364-200.000.
  - Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Mundie, Craig J.; Nealon, James T.; Pilat, John F.; Schleimer, Stephen I.; and Wallach, Steven J., 4,499,535, Cl. 364-200.000.
  - Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
  - Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Mundie, Craig J.; Schleimer, Stephen I.; and Wallach, Steven J., 4,525,780, Cl. 364-200.000.
  - Bratt, Richard G.; Schleimer, Stephen I.; Gavrin, Edward S.; Pilat, John F.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Clancy, Gerald F.; Mundie, Craig J.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,532,586, Cl. 364-200.000.
  - Clancy, Gerald F.; Gruner, Ronald H.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Richmond, Michael S.; Bernstein, David H.; and Bratt, Richard G., 4,499,604, Cl. 364-200.000.
  - Clancy, Gerald F.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Bratt, Richard G.; and Gavrin, Edward S., 4,545,012, Cl. 364-200.000.
  - Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
  - Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., 4,514,800, Cl. 364-200.000.
- Wallach, Walter A., Jr.: *See—*
  - Ahlstrom, John K.; Bachman, Brett L.; Belgard, Richard A.; Bernstein, David H.; Bratt, Richard G.; Clancy, Gerald F.; Gavrin, Edward S.; Gruner, Ronald H.; Jones, Thomas M.; Katz, Lawrence H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; Wallach, Walter A., Jr.; and Wells, Douglas M., 4,498,132, Cl. 364-200.000.
  - Ahlstrom, John K.; Bernstein, David H.; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Richmond, Michael S.; Schleimer, Stephen I.; Wallach, Steven J.; and Wallach, Walter A., Jr., 4,517,642, Cl. 364-200.000.
  - Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
  - Clancy, Gerald F.; Gruner, Ronald H.; Schleimer, Stephen I.; Mundie, Craig J.; Wallach, Steven J.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Richmond, Michael S.; Bernstein, David H.; and Bratt, Richard G., 4,499,604, Cl. 364-200.000.
  - Farber, David A.; Bachman, Brett; Pilat, John F.; and Wallach, Walter A., Jr., 4,516,203, Cl. 364-200.000.
  - Gavrin, Edward S.; Bratt, Richard G.; Schleimer, Stephen I.; Pilat, John F.; Richmond, Michael S.; Wallach, Walter A., Jr.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Clancy, Gerald F.; Mundie, Craig J.; Jones, Thomas M.; Bachman, Brett L.; and Bernstein, David H., 4,493,023, Cl. 364-200.000.
  - Gruner, Ronald H.; Clancy, Gerald F.; Mundie, Craig J.; Wallach, Steven J.; Schleimer, Stephen I.; Wallach, Walter A., Jr.; Ahlstrom, John K.; Bernstein, David H.; Richmond, Michael S.; Farber, David A.; Pilat, John F.; Belgard, Richard A.; and Bratt, Richard G., 4,514,800, Cl. 364-200.000.
  - Katz, Lawrence H.; Wells, Douglas M.; Richmond, Michael S.; Belgard, Richard A.; Wallach, Walter A., Jr.; Bernstein, David H.; Ahlstrom, John K.; Pilat, John F.; Farber, David A.; and Bratt, Richard G., 4,493,027, Cl. 364-200.000.
- Wallat, Siegfried: *See—*
  - Moller, Hinrich; Wallat, Siegfried; Bartnik, Friedhelm; and Pittermann, Wolfgang, 4,493,823, Cl. 424-70.000.

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Moller, Hinrich; and Wallat, Siegfried, 4,528,286, Cl. 514-232.000.

Moller, Hinrich; Wallat, Siegfried; and Bartnik, Friedhelm, 4,545,984, Cl. 424-70.000.

Moller, Hinrich; and Wallat, Siegfried, 4,562,068, Cl. 424-70.000.

Wallbillich, Guenther: *See—*

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Wallbillich, Gunter: *See—*

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Wallbridge, William L.: *See—*

Hazenbroek, Jacobus E.; and Wallbridge, William L., 4,558,490, Cl. 17-52.000.

Hazenbroek, Jacobus E.; and Wallbridge, William L., 4,559,672, Cl. 17-11.000.

Wallen, Jan O., to J-O Wallen Electronic Int. AB. Device for eliminating static electricity. 4,523,252, 6-11-85, Cl. 361-212.000.

Wallen, Milton A. Amusement device. 4,543,067, 9-24-85, Cl. 434-300.000.

Wallenbrock, Craig; and Perry, Leroy R., Jr., to Perry, Leroy R., Jr. Exercise device with stretchable elastomeric line. 4,544,155, 10-1-85, Cl. 272-136.000.

Wallenfang, Gerd: *See—*

Nolte, Albert; and Wallenfang, Gerd, 4,501,241, Cl. 123-367.000.

Wallenfels, Kurt: *See—*

Kaufman, Harold B., Jr.; McCarthy, John P.; Entner, Bernard J.; and Wallenfels, Kurt, 4,556,572, Cl. 426-289.000.

Wallentin, Bengt: *See—*

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Wallentin, Burt H.: *See—*

Volakakis, John G.; McNelis, Robert L.; and Wallentin, Burt H., 4,511,048, Cl. 212-253.000.

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Simon, Myron S.; and Waller, David P., 4,535,051, Cl. 430-222.000.

Waller Innovation AB of Falufagen 22: *See—*

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Waller, James, Jr. Aurally sensitized flat frequency response noise reduction compansion system. 4,538,297, 8-27-85, Cl. 381-94.000.

Waller, James E., to Des-Case Corporation. Hygroscopic breather cap. 4,504,289, 3-12-85, Cl. 55-316.000.

Waller, James E., to Des-Case Corporation. Hygroscopic breather cap. 4,548,624, 10-22-85, Cl. 55-274.000.

Waller, Richard H., III: *See—*

Tucker, Edwin L.; Waller, Richard H., III; and Wilson, Kenneth T., 4,507,777, Cl. 370-16.000.

Waller, Robert W.; and Anschultz, Dean W., to Information International, Inc. Method and apparatus for forming high resolution halftone images. 4,547,812, 10-15-85, Cl. 358-283.000.

Waller, William G., to Tektronix, Inc. Completing a fill pattern inside a redrawn panel outline. 4,528,642, 7-9-85, Cl. 364-900.000.

Waller, William G., to Tektronix, Inc. True zoom of a displayed image. 4,532,605, 7-30-85, Cl. 364-900.000.

Wallerstein, Martin A. Low cost, renewable scraping implement. 4,542,554, 9-24-85, Cl. 15-236.00R.

Walles, Erik W.: *See—*

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Walles, Wilhelm E.; Keskey, William H.; and Young, Richard G., to Dow Chemical Company, The. Pigments for toiletries. 4,533,484, 8-6-85, Cl. 252-117.000.

Walley, Esmet, to American Standard Inc. Penalty brake application nullification-prevention system. 4,491,372, 1-1-85, Cl. 303-18.000.

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Batard, Denis; Freland, Jean-Claude; Wallez, Bernard; Desffains, Jean Paul; and Valle, Roger, 4,559,933, Cl. 128-78.000.

Wallgren, Goran T. L.: *See—*

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Wallgren, Hans A.: *See—*

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Wallich, Manfred: *See—*

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Fourcin, Adrian J.; Howard, David M.; and Walliker, John R., 4,510,936, Cl. 128-419.00R.

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Kuhnis, Ernst; Kobler, Armin; Schreiber, Max; and Wallimann, Hans, 4,535,709, Cl. 112-83.000.

Wallimann, Hubert; and Blatter, Johann, to Sprecher & Schuh AG. Actuating device for a high-voltage switch. 4,535,208, 8-13-85, Cl. 200-82.00B.

Wallin, Nils-Hakan: *See—*

Helgesson, Gote; Mansson, Bjorn; and Wallin, Nils-Hakan, 4,528,309, Cl. 524-13.000.

Walling, Christian; and Schott, Helmut, to Siemens Aktiengesellschaft. Target device for an X-ray examination installation. 4,539,696, 9-3-85, Cl. 378-181.000.

Walling, Joerg-Heim J.: *See—*

Porter, John F.; Walling, Joerg-Heim J.; and Axiuk, Oleg, 4,545,858, Cl. 162-267.000.

Walling, John B. Single action pneumatic powered spring retractable pump. 4,515,532, 5-7-85, Cl. 417-318.000.

Walling, John B. Long stroke, double acting pump having tension guide member. 4,541,783, 9-17-85, Cl. 417-404.000.

Walling, Jorg-Hein; Shannon, Michael A.; and Arbuthnot, Gerald, to Northern Telecom Limited. Production of insulated electrical conductors. 4,518,633, 5-21-85, Cl. 427-120.000.

Walling, Jorg-Hein; Arbuthnot, Gerald; and Shannon, Michael A., to Northern Telecom Limited. Maintaining homogeneity in a mixture. 4,560,521, 12-24-85, Cl. 264-24.000.

Wallis, Bernard J. Method and apparatus for cutting corrugated strip. 4,507,948, 4-2-85, Cl. 72-185.000.

Wallis, Bernard J. Nitrogen die cylinder. 4,528,838, 7-16-85, Cl. 72-453.130.

Wallis, Bernard J. Fluid die spring. 4,529,181, 7-16-85, Cl. 267-119.000.

Wallis, Bernard J. Punch retainer. 4,558,620, 12-17-85, Cl. 83-698.000.

Wallis, Bernard J. Corrugated strip tray. 4,558,784, 12-17-85, Cl. 206-561.000.

Wallis, Bruce: *See—*

Kot, Vincent; Wallis, Bruce; and Robinson, Alfred, 4,549,755, Cl. 285-341.000.

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Wallis, Frederick A. Adjustable arm. 4,531,855, 7-30-85, Cl. 403-55.000.

Wallis, Manfred, to U.S. Philips Corporation. X-Ray apparatus comprising a table-top which is displaceable in the longitudinal direction. 4,552,347, 11-12-85, Cl. 269-322.000.

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Wallman, Lennart. Arrangement for radial fans. 4,549,848, 10-29-85, Cl. 415-206.000.

Wallman, P. Henrik, to Chevron Research Company. Steam recycle used as stripping gas in oil shale retorting. 4,495,059, 1-22-85, Cl. 208-11.00R.

Wallman, P. Henrik: *See—*

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Spars, Byron G.; Klett, Robert J.; and Wallman, P. Henrik, 4,521,292, Cl. 208-11.00R.

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Wallner, Peter; and Hollenstein, Peter, to Schurter AG. Fuse holder, especially fuse holder for electrical devices. 4,536,054, 8-20-85, Cl. 339-147.00R.

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Wallow, Peter: *See—*

Bisping, Bernhard; Gersbach, Klaus; Luther, Hans; Simon, Walter; Wallow, Peter; Montier, Patrick; Moreau, Pierre A.; and Sauvestre, Jean C., 4,524,695, Cl. 102-430.000.

Bisping, Bernhard; Wallow, Peter; Gersbach, Klaus; and Romer, Rudolf, 4,542,696, Cl. 102-430.000.

Wallquist, Donald L.; and Kuperman, Gilbert G., to United States of America, Air Force. Retinal information mapping system. 4,494,838, 1-22-85, Cl. 351-206.000.

Wallquist, Donald L.: *See—*

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Wallqvist, Sven; and Sand, Rune, to Haldex AB. Control device for recording distance measuring instrument attached to a vehicle hub. 4,510,379, 4-9-85, Cl. 235-95.00C.

Wallroth, Carl F.; and Bauerle, Rainer, to Dragerwerk Aktiengesellschaft. Monitoring device for medical apparatus. 4,522,213, 6-11-85, Cl. 128-716.000.

Wallroth, Carl F.: *See—*

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Kleinschmidt, Lothar; Wallroth, Carl F.; and Harms, Heye, 4,542,740, Cl. 128-204.210.

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Walls, John E., to American Hoechst Corporation. Process for aluminum surface preparation. 4,502,925, 3-5-85, Cl. 204-33.000.

Walls, John E.; Dhillon, Major S.; and Bentley, Trisha, to American Hoechst Corporation. Acid stabilizers for diazonium compound condensation products. 4,533,619, 8-6-85, Cl. 430-157.000.

Walls, Jonn E.; and Dunder, Thomas A., to American Hoechst Corporation. Light sensitive co-condensates. 4,533,620, 8-6-85, Cl. 430-157.000.

Walls, John E.: *See—*

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Wallschlaeger, Alan R.; and Wade, John F., to Rockwell International Corporation. Interfacing cam and toggle lockup. 4,493,258, 1-15-85, Cl. 101-415.100.

- Wallsom, Richard E.: *See—*
  - Bush, Harold G.; and Wallsom, Richard E., 4,518,277, Cl. 403-102.000.
- Wallstein, Dieter, to Langbein & Engelbracht GmbH & Co. KG. Glass pipe heat exchanger. 4,513,814, 4-30-85, Cl. 165-134.00R.
- Wallsten, Hans I.: *See—*
  - Maass, Dierk; and Wallsten, Hans I., 4,553,545, Cl. 128-341.000.
- Wallther, Harry, to Stallningsgruppen i Goteborg Aktiebolag. Device for detachably supporting a work stand on a wall surface or the like. 4,509,711, 4-9-85, Cl. 248-235.000.
- Wally, Joseph H., Jr., to Opti-Copy, Inc. Pin mounting plate for vacuum film holders. 4,494,867, 1-22-85, Cl. 355-73.000.
- Wally, Michael, to Chemie und Filter GmbH, Verfahrenstechnik KG. Diaphragm pump. 4,507,062, 3-26-85, Cl. 417-413.000.
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- Walman, Gerald B. Intraocular lens. 4,504,981, 3-19-85, Cl. 3-13.000.
- Walmet, Gunnar E., to New York State Energy Research and Development Authority. Heat exchanger mat. 4,510,920, 4-16-85, Cl. 126-415.000.
- Walmsley, Dennis A., to Invertron Simulated Systems Limited. Guided missile fire control simulators. 4,552,533, 11-12-85, Cl. 434-12.000.
- Walpole, Arthur L., deceased: *See—*
  - Harper, Michael J. K.; Richardson, Dora N.; and Walpole, Arthur L., deceased, 4,536,516, Cl. 514-514.000.
- Walquist, Clayton C.: *See—*
  - Olmstead, Harold W.; Andrews, Gary D.; and Walquist, Clayton C., 4,501,995, Cl. 315-371.000.
- Walrath, Craig D., to Westinghouse Electric Corp. Electro-optical tracking system with adaptive bearing friction compensation. 4,500,823, 2-19-85, Cl. 318-632.000.
- Walrath, George A.; and Smith, Scott D., to Schenectady Chemicals, Inc. Bondable polyamide. 4,501,883, 2-26-85, Cl. 528-340.000.
- Walraven, Anthonie: *See—*
  - Rijckaert, Albert M. A.; and Walraven, Anthonie, 4,498,111, Cl. 360-27.000.
- Walsdorfer, Hubert: *See—*
  - Dulken, Hartmut; Kassel, Karlheinz; Mows, Wolfgang; and Walsdorfer, Hubert, 4,513,072, Cl. 430-57.000.
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  - Fryer, Rodney I.; Gilman, Norman W.; Trybulski, Eugene J.; and Walser, Armin, 4,546,183, Cl. 544-330.000.
  - Fryer, Rodney I.; Gilman, Norman W.; Trvbulski, Eugene J.; and Walser, Armin, 4,547,581, Cl. 549-451.000.
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- Walser, Donald C., to Forintek Canada Corp. Veneer lathe chuck. 4,531,435, 7-30-85, Cl. 82-40.00R.
- Walser, Reimund A.: *See—*
  - Holan, George; and Walser, Reimund A., 4,540,710, Cl. 514-521.000.
- Walsh, David A.; and Shamblee, Dwight A., to A. H. Robins Company, Incorporated. 2-Amino-3-(alkylthiobenzoyl)-phenylacetic acids. 4,503,073, 3-5-85, Cl. 514-539.000.
- Walsh, David J. Light source for diagnostic test. 4,561,430, 12-31-85, Cl. 128-6.000.
- Walsh, Dennis E.; and Green, Gary J., to Mobil Oil Corporation. Enhancement of solid fuel combustion by catalyst deposited on a substrate. 4,515,092, 5-7-85, Cl. 110-347.000.
- Walsh, Dennis E.: *See—*
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- Walsh, Fraser M.: *See—*
  - Crouse, Dennis N.; Reynolds, James C.; and Walsh, Fraser M., 4,510,214, Cl. 429-43.000.
- Walsh, Gregory V.: *See—*
  - Lowenthal, Richard W.; Seike, Stephen C.; and Walsh, Gregory V., 4,502,038, Cl. 340-365.00S.
- Walsh, J. William. Apparatus for electrophoretic recovery of nucleic acids and other substances. 4,545,888, 10-8-85, Cl. 204-301.000.
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  - Logan, Emanual L., Jr.; Sommers, Walter M.; and Walsh, J. William, 4,540,208, Cl. 292-341.190.
- Walsh, Jack. Modular page composition system. 4,493,552, 1-15-85, Cl. 355-75.000.
- Walsh, John E., to Dartmouth College, Trustees of; and Walsh, John E. Soil moisture sensor. 4,540,936, 9-10-85, Cl. 324-61.00P.
- Walsh, John J.: *See—*
  - Reedy, James D.; and Walsh, John J., 4,556,726, Cl. 556-460.000.
- Walsh, John P., to Ford Motor Company. Transmission control system for a transmission having input shafts clutched to a power source. 4,560,045, 12-24-85, Cl. 192-3.580.
- Walsh, LaVerne E., to General Electric Company. Incandescent lamp with ceramic base. 4,499,404, 2-12-85, Cl. 313-579.000.
- Walsh, Marjorie A.: *See—*
  - Becker, Kenneth W.; Jackson, James R.; Lindblom, Gordon P.; and Walsh, Marjorie A., 4,502,962, Cl. 210-749.000.
- Walsh, Michael M.: *See—*
  - Corey, John A.; and Walsh, Michael M., 4,545,341, Cl. 123-192.00B.
- Walsh, Myles A., to Cape Cod Research, Inc. Rope batteries. 4,522,897, 6-11-85, Cl. 429-119.000.
- Walsh, Myles A., to Cape Cod Research, Inc. Procedures for monitoring fish food consumption. 4,534,317, 8-13-85, Cl. 119-51.00R.
- Walsh, Ray P.; and Smith, David H., to Pegg Whiteley Limited. Methods of drying tubular knitted fabric. 4,541,156, 9-17-85, Cl. 26-81.000.
- Walsh, Raymond F., IV, to Rockwell International Corporation. Off-line, recirculating, waste management system for chemical lasers. 4,541,096, 9-10-85, Cl. 372-59.000.
- Walsh, Richard J.; and Gyles, Darrell D., to Sunsweet Growers of California. Method and apparatus for detecting an irregular product in a product flow. 4,511,046, 4-16-85, Cl. 209-539.000.
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  - Kekas, Dennis H.; Stilwell, George R., Jr.; Walsh, Robert M.; and Williams, Roger C., 4,527,285, Cl. 455-607.000.
- Walsh, Thomas A., to Hewlett-Packard Company. Dip soldering apparatus and method. 4,518,114, 5-21-85, Cl. 228-180.100.
- Walsh, Thomas J.; Bachman, Robert; and Aderhold, Ronald, to Fiat Products Incorporated. Support leg assembly. 4,496,125, 1-29-85, Cl. 248-188.000.
- Walsh, Thomas J., to General Signal Corporation. Thermocouple open circuit detector. 4,496,250, 1-29-85, Cl. 374-186.000.
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- Walsh, William J., to Sybron Corporation. Dry bath temperature control. 4,504,733, 3-12-85, Cl. 219-521.000.
- Walsham, Brian E.: *See—*
  - Szczupak, David T.; Walsham, Brian E.; Hooley, Desmond J.; Flaxington, David; McKean, Peter S.; and Wescott, John D., 4,499,732, Cl. 60-602.000.
- Walston, Everett V., to Beaver Products, Inc. Panel module means. 4,512,126, 4-23-85, Cl. 52-251.000.
- Walstra, Hidde, to Texas Instruments Incorporated. Fuel supply system with electric choke and control therefor. 4,496,496, 1-29-85, Cl. 261-39.00E.
- Walstra, Hidde, to Texas Instruments Incorporated. Fuel supply system with electric choke and control therefor. 4,555,687, 11-26-85, Cl. 337-370.000.
- Walsworth, Frank J., to Outboard Marine Corporation. Combined fluid pressure actuated fuel and oil pump. 4,539,949, 9-10-85, Cl. 123-73.0AD.
- Walsworth, Frank J.: *See—*
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- Walt Disney Productions: *See—*
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- Waltasti, Stephen A.: *See—*
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- Waltec, Inc.: *See—*
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  - Prukner, Walter, 4,559,650, Cl. 4-420.000.
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- Waltenspiel, Gordon G.: *See—*
  - Meyers, Joseph, 4,538,424, Cl. 62-236.000.
- Walter, Andrew T.; Bryant, George M.; and Readshaw, Ronald L., to Union Carbide Corporation. Process of treating fabrics with foam. 4,562,097, 12-31-85, Cl. 427-209.000.
- Walter Becker GmbH: *See—*
  - Siffrin, Horst, 4,546,707, Cl. 105-199.00R.
- Walter, Bob. Adjustable ratio rocker arm. 4,519,345, 5-28-85, Cl. 123-90.160.
- Walter, Carl E.: *See—*
  - Baumgartner, Gary J.; Walter, Carl E.; and Post, Arthur J., Jr., 4,557,804, Cl. 202-227.000.
- Walter, Carl W.; and Riordan, William J., to Kidde, Inc. Laboratory burner apparatus. 4,521,180, 6-4-85, Cl. 431-25.000.
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- Walter, Chris J.; Wilson, Colleen R.; and Berkovich, Semyon, to Bendix Corporation, The. Content induced transaction overlap communication system. 4,493,074, 1-8-85, Cl. 370-119.000.
- Walter Eckold GmbH & Co. KG: *See—*
  - Reccius, Helmut; and Ponitzsch, Werner, 4,498,325, Cl. 72-302.000.
- Walter, Erhard P.: *See—*
  - Snowden, Wesley R.; and Walter, Erhard P., 4,526,277, Cl. 211-46.000.
- Walter, Ernest J. Interchangeable identification apparatus for racing animals and event contestants and method for making same. 4,555,435, 11-26-85, Cl. 428-79.000.
- Walter, Frederick L.: *See—*
  - Bond, Alan M.; Hudson, Henry A.; van den Bosch, Pierre A.; and Walter, Frederick L., 4,504,367, Cl. 204-1.00T.
- Walter, Gerard O.; and Sheppard, William D., to Planning Research Corporation. System for digital transmission and synthesis of integrated data. 4,513,390, 4-23-85, Cl. 364-900.000.
- Walter Graf u. Co GmbH & Co.: *See—*
  - Knodel, Erich, 4,501,192, Cl. 92-248.000.
- Walter, Hans-Jurgen, to Mico Datensysteme GmbH. Method of detecting false data recording media and a data recording medium therefor. 4,510,382, 4-9-85, Cl. 235-380.000.

- Walter, Helmut: *See—*
  - Moraw, Roland; Unger, Manfred; and Walter, Helmut, 4,560,426, Cl. 156-64.000.
- Walter, Henry J., to Clairol Incorporated. Heated personal care appliances. 4,499,355, 2-12-85, Cl. 219-10.49R.
- Walter, Horst, to Hoesch Werke Aktiengesellschaft. Rotary sheet-metal trimming shear. 4,527,454, 7-9-85, Cl. 83-499.000.
- Walter, Howard F. Programming-on-demand cable system and method. 4,506,387, 3-19-85, Cl. 455-612.000.
- Walter Hubschmid & Sohn: *See—*
  - Hubschmid, Walter, 4,526,541, Cl. 433-165.000.
- Walter, James M.: *See—*
  - Dischert, Robert A.; Moles, Warren H.; Rhodes, Roland N.; and Walter, James M., 4,550,337, Cl. 358-13.000.
- Walter, Jerry D.; and Stogner, Claude R., to United Technologies Corporation. Tandem bearing construction. 4,523,864, 6-18-85, Cl. 384-613.000.
- Walter, John, to Continental Packaging Company, Inc. Resealable closure. 4,516,684, 5-14-85, Cl. 215-272.000.
- Walter, John, to Continental Can Company, Inc. Tamper indicator for closure. 4,519,517, 5-28-85, Cl. 215-253.000.
- Walter, John, to Continental Group, Inc., The. Adhesive applicator. 4,523,540, 6-18-85, Cl. 118-63.000.
- Walter, John: *See—*
  - Roth, Donald J.; Kubis, Charles S.; Walter, John; and Mohr, Glenn R., 4,519,859, Cl. 156-69.000.
  - Roth, Donald J.; Kubis, Charles S.; and Walter, John, 4,548,668, Cl. 156-357.000.
  - Roth, Donals J.; Kubis, Charles S.; and Walter, John, 4,503,990, Cl. 220-276.000.
- Walter, John F., to Crosby Valve & Gage Company. Slurry valve. 4,505,294, 3-19-85, Cl. 137-241.000.
- Walter, Karl H., to Adelaide & Wallaroo Fertilizers Ltd. Processing of particulate material. 4,535,550, 8-20-85, Cl. 34-33.000.
- Walter Killer: *See—*
  - Riniker, Hans; and Killer, Walter, 4,506,838, Cl. 241-98.000.
- Walter, Kurt; Gokorsch, Wilfried; Kurth, Gunter; Grusdt, Rainer; and Schreiter, Manfred. Apparatus for producing and charging containers in a sterile atmosphere. 4,543,770, 10-1-85, Cl. 53-511.000.
- Walter, Lee: *See—*
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  - Ovshinsky, Stanford R.; Allred, David D.; Walter, Lee; and Hudgens, Stephen J., 4,517,223, Cl. 427-39.000.
- Walter, Leo, to Bucklee-Mears Company. Circuit board stiffening. 4,533,978, 8-6-85, Cl. 361-419.000.
- Walter, Lothar; and Reith, Walter, to SKF GmbH. Ball bearing for lengthwise and turning movement. 4,511,188, 4-16-85, Cl. 308-6.00C.
- Walter, Lothar; and Reith, Walter, to SKF Kugellagerfabriken GmbH. Rolling bearing for lengthwise movement. 4,514,017, 4-30-85, Cl. 308-6.00C.
- Walter, Lothar; and Reith, Walter, to SKF Kugellagerfabriken GmbH. Process for the production of a heat treated bearing ring. 4,550,479, 11-5-85, Cl. 29-148.40C.
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- Walter, Lothar: *See—*
  - Brandenstein, Manfred; Walter, Lothar; and Kiener, Heinz, 4,526,259, Cl. 192-91.00A.
  - Muller, Leo; Koder, Walter; Brandenstein, Manfred; Walter, Lothar; Edelmann, Ludwig; Bonengel, Roland; and Haas, Roland, 4,505,369, Cl. 192-98.000.
- Walter, Manfred: *See—*
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- Walter Rau Lebensmittelwerke GmbH & Co. KG: *See—*
  - von Rappard, Gerhard; and Grundmann, Jurgen, 4,507,244, Cl. 260-428.500.
- Walter, Robert: *See—*
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- Walter, Robert J.; and Genk, Bernard J., to Rockwell International Corporation. Salt corrosion inhibitors. 4,534,794, 8-13-85, Cl. 106-14.050.
- Walter, Robert J.; Lewis, Jack R.; and Moss, Charles M., to Rockwell International Corporation. Surface crack healing with high-energy beam. 4,562,332, 12-31-85, Cl. 219-121.0EM.
- Walter, Thomas J.; and Ranken, Paul F., to Ethyl Corporation. 4-(4-Pyridinyl)isatoic anhydride. 4,524,203, 6-18-85, Cl. 544-94.000.
- Walter, Thomas J., to Ethyl Corporation. Process for preparing antibacterial compounds. 4,533,735, 8-6-85, Cl. 546-156.000.
- Walter, Thomas J.: *See—*
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  - Ranken, Paul F.; and Walter, Thomas J., 4,552,966, Cl. 546-290.000.
- Walter, Ulrich. Press for producing pellets from bulk material. 4,556,381, 12-3-85, Cl. 425-331.000.
- Walters, Charles J. Automobile dolly. 4,491,305, 1-1-85, Cl. 269-17.000.
- Walters, Donald N.; and Link, Theodore P. Shopping cart incorporating removable skid, runner or ski attachment. 4,498,688, 2-12-85, Cl. 280-7.120.
- Walters, Harry J.: *See—*
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- Walters, John, to Lucas Industries Inc. Float operated electrical switch assembly. 4,513,185, 4-23-85, Cl. 200-84.00C.
- Walters, John P., to Phillips Petroleum Company. Method for storing gas samples. 4,499,930, 2-19-85, Cl. 141-8.000.
- Walters, Johnnie J.; Voso, Philip T.; and Caldwell, Karl N., to W. R. Grace & Co., Cryovac Div. Tubular film having sealing layer of propylene ethylene random copolymer. 4,501,780, 2-26-85, Cl. 428-35.000.
- Walters, Jurren H.: *See—*
  - Haisma, Jan; Adema, Cornelis L.; Pasmans, Johannes M. M.; and Walters, Jurren H., 4,547,801, Cl. 358-111.000.
- Walters, Paul W.; Benslay, Roger M.; and Barger, Dwight F., to Ashland Oil, Inc. Carbometallic oil conversion with ballistic separation. 4,495,063, 1-22-85, Cl. 208-113.000.
- Walters, Rodney R., to Iowa State University Research Foundation, Inc. High performance chromatography column. 4,522,715, 6-11-85, Cl. 210-198.200.
- Walters, Roland L.: *See—*
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- Walters, Ronald G.: *See—*
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- Walters, Stephen M.: *See—*
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  - Farah, Robert L.; and Walters, Stephen M., 4,516,241, Cl. 370-110.100.
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- Walters, William P., to United States of America, Army. Charge liner construction and method. 4,510,870, 4-16-85, Cl. 102-307.000.
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  - Majerus, John N.; and Walters, William P., 4,499,830, Cl. 102-476.000.
- Walther & Cie Aktiengesellschaft: *See—*
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- Walther, Gerhard: *See—*
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- Walther, Hans J., to Dragerwerk Aktiengesellschaft. Protective helmet with releasably connected protective breathing mask. 4,555,815, 12-3-85, Cl. 2-424.000.
- Walther, Hans J.: *See—*
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- Walther, Helmut; and Palazzetti, Mario, to Centro Ricerche Fiat S.p.A. Shut-off device for a fluid. 4,501,406, 2-26-85, Cl. 251-30.000.
- Walther, Horst: *See—*
  - Fischer, Artur; and Walther, Horst, 4,509,246, Cl. 29-526.00R.
- Walther, James F.; and Choi, John I., to Allied Corporation. Production of chromium (III) compounds. 4,528,175, 7-9-85, Cl. 423-492.000.
- Walther, Karl H., to Pfaff Industriemaschinen GmbH. Sewing machine with a trimming device. 4,502,400, 3-5-85, Cl. 112-122.000.
- Walther, Karl H., to Pfaff Industriemaschinen GmbH. Device for driving a sewing machine. 4,515,098, 5-7-85, Cl. 112-274.000.
- Walther, Theodor: *See—*
  - Mosimann, David; Walther, Theodor; and Schnider, Jean-Pierre, 4,507,085, Cl. 433-126.000.
- Walther, Werner, to Sandoz Ltd. Resins and lacquers derived from polyaminoacrylates. 4,529,754, 7-16-85, Cl. 523-404.000.
- Waltman, John H. Rotisserie. 4,505,195, 3-19-85, Cl. 99-427.000.
- Walton, Charles A. Electronic proximity identification system. 4,546,241, 10-8-85, Cl. 235-380.000.
- Walton, Eric K., to ACR Process Corp. Automatic control system having manual control engagable at will. 4,527,445, 7-9-85, Cl. 74-625.000.
- Walton, Francis R., to Thomas Willett & Co. Ltd. Apparatus for automatically processing slurry. 4,545,736, 10-8-85, Cl. 417-63.000.
- Walton, Frank A.; and Perrinet, Paul M., to Kowatachi International, Ltd. Apparatus for injecting measured quantities of liquid into a fluid stream. 4,558,715, 12-17-85, Cl. 137-99.000.
- Walton, Frank J., to GCA Corporation. Gas feed for reactive ion etch system. 4,496,423, 1-29-85, Cl. 156-345.000.
- Walton, Herbert H.; and Kehoe, Steven D., to Fisher Controls International, Inc. Bidirectional disc throttling valve. 4,532,961, 8-6-85, Cl. 137-625.310.
- Walton, Herbert H.: *See—*
  - Clancy, Robert L.; Walton, Herbert H.; Kehoe, Steven D.; and Barron, Kimball R., 4,554,943, Cl. 137-242.000.
- Walton, James M.: *See—*
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- Walton, James P., Jr.: *See—*
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- Walton, John M., to Bridon Limited. Transmission cable with helical support elements of curvilinear profile. 4,514,058, 4-30-85, Cl. 350-96.230.

- Walton, John M.: *See—*
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- Walton, Lawrence J.: *See—*
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- Walton, Linus R.: *See—*
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- Walton, Michael E.: *See—*
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- Walton, Riley C.: *See—*
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- Walton, Robert N.; and Pinto, Ralph C. Door finishing support structure. 4,491,308, 1-1-85, Cl. 269-70.000.
- Walton, William B., to Borg-Warner Chemicals, Inc. Method for stimulation of oil and gas wells with phosphate ester surfactants. 4,541,483, 9-17-85, Cl. 166-263.000.
- Waltzer, Jeremy. Support bracket for electronic remote control module. 4,537,340, 8-27-85, Cl. 224-202.000.
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- Walus, Aloysius N.: *See—*
  - DenHartog, Herman C.; and Walus, Aloysius N., 4,525,521, Cl. 524-517.000.
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- Walwel, Inc.: *See—*
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- Walworth, Robert S.; Hinshaw, Jay; and LaBotz, Arnold H., to American Seating Company. Automatic seating for telescoping row systems. 4,557,080, 12-10-85, Cl. 52-9.000.
- Walz, Alfred. Method and apparatus for generating ultraviolet radiation and ozone. 4,504,445, 3-12-85, Cl. 422-186.150.
- Walz, Alfred. Metal powders and a process for the production thereof. 4,534,917, 8-13-85, Cl. 264-12.000.
- Walz, George A.; and Kump, Donald H., to Grumman Aerospace Corporation. Keyboard terminal. 4,510,583, 4-9-85, Cl. 364-900.000.
- Walz, Gerd: *See—*
  - Kraft, Kurt; Walz, Gerd; and Wirth, Thaddaus, 4,542,192, Cl. 525-438.000.
- Walz, Mark J., to Nuclear Metals, Inc. Apparatus and method for dehydrating metal pieces. 4,501,073, 2-26-85, Cl. 34-9.000.
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- Walztechnik Saacke Zorn GmbH & Co.: *See—*
  - Zorn, Walter, 4,536,106, Cl. 407-25.000.
- WAMAC AB: *See—*
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- Ward, Douglas K., to Powerflow, Inc. Splash guard. 4,524,986, 6-25-85, Cl. 280-154.50R.
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- Ward, Irl E.: *See—*
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- Ward, James E., to Blue Water, Ltd. Downhole oil/gas separator and method of separating oil and gas downhole. 4,531,584, 7-30-85, Cl. 166-265.000.
- Ward, James O., to Nekoosa Envelopes, Inc. Overnight letter envelope. 4,535,930, 8-20-85, Cl. 229-71.000.
- Ward, James W.; Schlanger, Herbert; McNulty, Hugh, Jr.; and Parker, Norman W., to Hughes Aircraft Company. Secondary ion collection and transport system for ion microprobe. 4,556,794, 12-3-85, Cl. 250-309.000.
- Ward, Jean R., to Pencept, Inc. Method and apparatus for removing noise at the ends of a stroke. 4,534,060, 8-6-85, Cl. 382-54.000.
- Ward, Jean R.; and Nilssen, Andrew H., to Pencept, Inc. Apparatus and method for emulating computer keyboard input with a handprint terminal. 4,562,304, 12-31-85, Cl. 178-18.000.
- Ward, John, to Nabisco Brands, Inc. Low-fat spread and process. 4,533,561, 8-6-85, Cl. 426-603.000.
- Ward, John M., to Shell Oil Company. Internal pipeline plug for deep subsea operations. 4,493,589, 1-15-85, Cl. 405-166.000.
- Ward, John S.; and Jones, C. David, to Eli Lilly and Company. Method of preparing 2-fluoro-17β-estradiol. 4,522,758, 6-11-85, Cl. 260-397.500.
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- Ward, John W., to Teledyne Industries, Inc. Personal physiological monitor. 4,509,531, 4-9-85, Cl. 128-736.000.
- Ward, John W., to Teledyne Industries, Inc. Differential latency audiometer. 4,515,169, 5-7-85, Cl. 128-746.000.
- Ward, John W.; and Carlson, Timothy L., to Union Oil Company of California. Hydrocracking process and catalyst therefor. 4,517,073, 5-14-85, Cl. 208-111.000.
- Ward, John W., to Union Oil Company of California. Hydrocarbon conversion process. 4,517,074, 5-14-85, Cl. 208-111.000.
- Ward, John W., to Eastman Kodak Company. Light guide reflectometer. 4,518,259, 5-21-85, Cl. 356-446.000.
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  - Furlong, Owen D.; Moore, Leonard; and Ward, Jonathan D., 4,501,293, Cl. 137-557.000.
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  - Ward, Henry D., Jr.; and West, John B., 4,500,243, Cl. 414-50.000.
  - Ward, William F., Sr.; and West, John B., 4,494,745, Cl. 271-95.000.
- Ward, Mai; and Ward, Carmen. Fishing bucket. 4,513,525, 4-30-85, Cl. 43-55.000.
- Ward, Marvin W. Data monitoring connector for testing transmission links. 4,498,716, 2-12-85, Cl. 339-17.00R.
- Ward, Michael A. V.; and Lefevre, Robert P., to Combustion Electromagnetics, Inc. Ultra lean burn carburetted adiabatic engine. 4,499,872, 2-19-85, Cl. 123-344.000.
- Ward, Michael A. V., to Combustion Electromagnetics, Inc. Winged reentrant electromagnetic combustion chamber. 4,561,406, 12-31-85, Cl. 123-536.000.

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Ward, Terence J., to John Wyeth & Brother Limited. Benzoquinolizines and use as α_2-adrenoceptor antagonistics. 4,526,967, 7-2-85, Cl. 546-95.000.

Ward, Thomas A.; Greer, Stanley T.; Boberski, William G.; and Seiner, Jerome A., to PPG Industries, Inc. Fire protective intumescent mastic composition and method employing same. 4,529,467, 7-16-85, Cl. 156-307.300.

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  - Tseo, Gus G., 4,506,691, Cl. 137-1.000.
  - Tseo, Gus G.; and Alpen, Mark E., 4,527,588, Cl. 137-565.000.
  - Tunac, Josefino B.; Dobson, William E.; and Graham, Blanche D., 4,495,286, Cl. 435-253.000.
  - Unangst, Paul C., 4,503,236, Cl. 548-430.000.
  - Van Herle, Louis; and Wittwer, Fritz, 4,550,238, Cl. 219-121.0LC.
  - Vaughan, Thomas L., 4,545,783, Cl. 604-259.000.
  - Werbel, Leslie M.; and Hung, Jocelyn H., 4,532,240, Cl. 514-252.000.
  - Wittwer, Fritz, 4,522,666, Cl. 156-69.000.
  - Wittwer, Fritz; and Tomka, Ivan, 4,539,060, Cl. 156-275.100.
  - Yang, Robert; and Rieger, Martin M., 4,514,422, Cl. 426-3.000.
  - Young, Cynthia A.; Schaumberg, John P.; Hokanson, Gerard C.; French, James C.; and Tunac, Josefino B., 4,554,162, Cl. 424-117.000.
- Warner-Lambert Technologies, Inc.: *See—*
  - Collins, Ian P.; and Fernie, Douglas P., 4,534,339, Cl. 128-6.000.
  - Michalik, John K., 4,519,692, Cl. 354-412.000.
  - Michalik, John K., 4,549,149, Cl. 331-66.000.
- Warner, Lee A.; and Fewin, Fred A., Jr., to Cotton Incorporated. Method and apparatus for dumping containers. 4,505,631, 3-19-85, Cl. 414-359.000.
- Warner, Lucien: *See—*
  - Mathews, Lester R.; and Galvin, Jay, 4,561,134, Cl. 4-496.000.
- Warner, Michael V., to Rumble Equipment Limited. Safety mounting device. 4,514,616, 4-30-85, Cl. 219-136.000.
- Warner, Raymond M., Jr.: *See—*
  - Piotrowski, Chester; Loeding, Neil W.; and Warner, Raymond M., Jr., 4,499,515, Cl. 360-113.000.
- Warner, Richard C.: *See—*
  - Laughon, Thomas C.; Haynes, H. Taylor; Klopach, Robert T.; and Warner, Richard C., 4,546,357, Cl. 343-702.000.
- Warner, Richard D., to Graphic Arts Technical Foundation. Device for indicating a quantitative change in dot area of an image in a printing process and the method of making the same. 4,527,333, 7-9-85, Cl. 33-1.00B.
- Warner, Ronald E.: *See—*
  - Partington, Albert J.; and Warner, Ronald E., 4,533,29[illegible], Cl. 416-191.000.
- Warner, Stanley H. Adjustable position physical support system. 4,498,204, 2-12-85, Cl. 4-559.000.
- Warner & Swasey Company, The: *See—*
  - Deis, Jerome E., 4,550,418, Cl. 377-17.000.
  - German, Martin A.; and Volk, Joseph F., 4,510,716, Cl. 51-5.00D.

Hunter, James R.; and Lazzarotti, S. James, 4,503,741, Cl. 83-549.000.

Hunter, James R., 4,515,355, Cl. 269-234.000.

Hunter, James R.; and Lazzarotti, S. James, 4,519,284, Cl. 83-410.000.

Kwon, Ki C.; and Luther, Thomas A., 4,544,211, Cl. 308-6.00C.

Myers, Carl J.; and Ratzel, Richard O., 4,539,876, Cl. 82-32.000.

Silverman, Martin L.; and Shook, Donald P., 4,507,993, Cl. 82-36.00A.

Silverman, Martin L., 4,513,979, Cl. 279-4.000.

Tuss, John J., 4,503,614, Cl. 33-1.00M.

Tuss, John J., 4,507,868, Cl. 33-1.00M.

Warner, William L.: *See—*

Henry, Nelson R.; Cutler, Duncan B.; and Warner, William L., 4,538,692, Cl. 177-1.000.

Warnick, Debra A.: *See—*

Christianson, Michael L.; Warnick, Debra A.; and Carlson, Peter S., 4,548,901, Cl. 435-241.000.

Warnick, Gordon E. Game apparatus. 4,535,995, 8-20-85, Cl. 273-273.000.

Warning, Theodore J.; and Cairo, John A., Jr. Process and apparatus for filtration of oil and gas well fluids. 4,560,483, 12-24-85, Cl. 210-777.000.

Warnke, Patsy L. Popcorn bag. 4,503,559, 3-5-85, Cl. 383-40.000.

Warnke, Wayne L., to Yamaha Hatsudoki Kabushiki Kaisha. Ski for snowmobile. 4,491,333, 1-1-85, Cl. 280-28.000.

Warnke, Wayne L.: *See—*

Yasui, Toshihiro; and Warnke, Wayne L., 4,509,766, Cl. 280-21.00R.

Warnock, Robert J., to Lucas Industries Public Limited Company. Internal shoe drum brake. 4,492,289, 1-8-85, Cl. 188-79.5GE.

Warolin, Christian: *See—*

Schneider, Roland; Warolin, Christian; and Bigg, Dennis, 4,529,730, Cl. 514-319.000.

Warrell, Raymond P., Jr.; and Bockman, Richard S., to Sloan-Kettering Institute for Cancer Research. Use of gallium salts to treat disorders of calcium homeostasis. 4,529,593, 7-16-85, Cl. 424-127.000.

Warren, Alan: *See—*

Inskip, Michael; and Warren, Alan, 4,510,375, Cl. 219-328.000.

Warren, Conrad K., II. Molecular diffuser assembly. 4,515,134, 5-7-85, Cl. 123-557.000.

Warren, Craig B.: *See—*

Munteanu, Marina A.; Oltarzewski, Edward S.; Shechter, Leon; and Warren, Craig B., 4,496,467, Cl. 252-92.000.

Munteanu, Marina A.; Oltarzewski, Edward S.; Shechter, Leon; and Warren, Craig B., 4,548,764, Cl. 261-75.000.

Warren, David S.: *See—*

Longmire, Jerry L.; Thuot, Michael E.; and Warren, David S., 4,510,451, Cl. 328-130.100.

Warren, Dennis F.: *See—*

Vann, Roy R.; George, Flint R.; and Warren, Dennis F., 4,512,406, Cl. 166-297.000.

Warren, Douglas H.; and Wentzell, Timothy H., to Combustion Engineering, Inc. Vessel inspection boom. 4,505,874, 3-19-85, Cl. 376-249.000.

Warren, Edward L., to United States of America, National Aeronautics and Space Administration. Compliant hydrodynamic fluid journal bearing. 4,552,466, 11-12-85, Cl. 384-103.000.

Warren Glen Products, Inc.: *See—*

Chavkin, Leonard, 4,534,960, Cl. 424-49.000.

Warren, Harold C., III: *See—*

Weber, Lynda D.; Merkel, Paul B.; and Warren, Harold C., III, 4,524,122, Cl. 430-223.000.

Warren, Henry R., to RCA Corporation. Color moviola for two-track VTR. 4,504,869, 3-12-85, Cl. 358-312.000.

Warren, James D.: *See—*

Schamper, Thomas J.; Perl, Martin M.; and Warren, James D., 4,518,582, Cl. 424-66.000.

Warren, James R.: *See—*

Raley, Ronald J.; and Warren, James R., 4,561,211, Cl. 49-374.000.

Warren, Keith O.: *See—*

Sulouff, Robert E.; Hartin, Sam S.; Cook, Koy B.; Kerns, David V., Jr.; Davidson, Jimmy L.; and Warren, Keith O., 4,522,072, Cl. 73-765.000.

Warren, Leslie F., to Rockwell International Corporation. Conducting organic polymer based on polypyrrole. 4,552,927, 11-12-85, Cl. 525-279.000.

Warren, Robert F.: *See—*

Pipa, William; Warren, Robert F.; and Russack, Harvey, 4,550,679, Cl. 118-52.000.

Warren, Robert G.; and Robertson, Michael A., to Burroughs Corporation. Multiplexed data communications using a queue in a controller. 4,516,201, 5-7-85, Cl. 364-200.000.

Warren, Steven M.: *See—*

Kilner, Jerome R.; Raymond, Eugene T.; and Warren, Steven M., 4,493,509, Cl. 303-13.000.

Warren, Timothy P. Control handle arrangement for a fluid control valve. 4,549,716, 10-29-85, Cl. 251-96.000.

Warren, Tom M.: *See—*

Millheim, Keith K.; and Warren, Tom M., 4,535,972, Cl. 254-277.000.

Warren, Walter R.: *See—*

Hitt, Gerard J.; Nowakowski, Victor A.; and Warren, Walter R., 4,507,962, Cl. 73-384.000.

Warren, Wayne F.: *See—*

Dowling, Donald J.; Richter, Albert P., Jr.; Warren, Wayne F.; and Arnold, Dan M., 4,495,805, Cl. 73-155.000.

Warren, Wayne L.: *See—*

Baran, Michael S.; Besasie, Joseph C.; Warren, Wayne L.; and Montgomery, Allen W., 4,517,418, Cl. 179-156.00R.

Warren, Wiley W. Crab meat extractor and method of extraction. 4,523,349, 6-18-85, Cl. 17-46.000.

Warrick, Frank G., to Sealed Power Corporation. Solenoid valve. 4,556,085, 12-3-85, Cl. 137-625.650.

Warrick, James C.: *See—*

Desjardins, Stanley P.; and Warrick, James C., 4,509,621, Cl. 188-372.000.

Warrin, George E.; and Perdreaux, Rene J., to Cavitron, Inc. Ultrasonic endodontic dental apparatus. 4,492,574, 1-8-85, Cl. 433-81.000.

Warrington, Brian H.: *See—*

Coates, William J.; and Warrington, Brian H., 4,528,371, Cl. 544-239.000.

Emmett, John C.; Slater, Robert A.; and Warrington, Brian H., 4,556,711, Cl. 544-357.000.

Warrington Inc.: *See—*

Bourque, Rene, 4,509,276, Cl. 36-115.000.

Warscheit, Helmut: *See—*

Feuerstein, Albert; Heimbach, Klaus-Jurgen; and Warscheit, Helmut, 4,530,100, Cl. 373-11.000.

Warshawsky, Jerome, to I. W. Industries, Inc. Lamp swivel. 4,492,488, 1-8-85, Cl. 403-113.000.

Warshawsky, Jerome. Articulable joint. 4,548,446, 10-22-85, Cl. 339-2.00A.

Warshawsky, Jerome. Lamp and lamp arm. 4,554,620, 11-19-85, Cl. 362-269.000.

Warszawski, Bernard. Electrosensitive media and recording process. 4,538,158, 8-27-85, Cl. 346-135.100.

Warszawski, Janusz: *See—*

Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.

Wartelle, Claude; Favey, Charles; and Denamur, Alain, to Centre Technique des Industries Mecaniques. Ball and socket joint and method of forming it. 4,498,799, 2-12-85, Cl. 403-140.000.

Wartenberg, Erwin W. Apparatus for coating plate-shaped bodies of glazed ceramic (tiles), glass or enamel. 4,512,282, 4-23-85, Cl. 118-666.000.

Wartenberg, Erwin W. Process for the production of patterned lustre coatings on surfaces of bodies. 4,552,785, 11-12-85, Cl. 427-229.000.

Wartenbergh, Robert P., to Dysan Corporation. Holder for magnetic disks. 4,502,598, 3-5-85, Cl. 206-444.000.

Wartenbergh, Robert P.: *See—*

Larson, Bert R.; Wartenbergh, Robert P.; Warszawski, Janusz; Meier, Markus; Sutton, David A.; Ho, Bin-Lun; and Bronshvatch, Efim, 4,532,564, Cl. 360-97.000.

Larson, Bert R.; and Wartenbergh, Robert P., 4,550,355, Cl. 360-133.000.

Noto, Sal J.; and Wartenbergh, Robert P., 4,559,575, Cl. 360-133.000.

Wartian, George, to Wartian Lock Co. Double dead bolt door lock. 4,520,639, 6-4-85, Cl. 70-110.000.

Wartian, George, to Wartian Lock Co. Door latch mechanism. 4,552,393, 11-12-85, Cl. 292-221.000.

Wartian Lock Co.: *See—*

Wartian, George, 4,520,639, Cl. 70-110.000.

Wartian, George, 4,552,393, Cl. 292-221.000.

Wartman, Thomas G., to Minnesota Mining and Manufacturing Company. Light-desensitizable transfer medium with photooxidizable reactant and oxygen-sensitizing dye. 4,508,810, 4-2-85, Cl. 430-201.000.

Wartsila AB: *See—*

Makinen, Seppo, 4,532,772, Cl. 62-74.000.

Warwick, David R. Door repair system. 4,498,694, 2-12-85, Cl. 292-337.000.

Warwick, Dennis J.; Nubson, Richard C.; and Howes, Ronald B., Jr., to Data Card Corporation. Card feeding, transfer and output apparatus for an automatic embossing system. 4,519,600, 5-28-85, Cl. 271-4.000.

Warwick, Edward H.; and Parker, Donald L., to General Motors Corporation. Method of making a drum brake shoe and lining assembly. 4,531,276, 7-30-85, Cl. 29-417.000.

Warwick, Edward H.; and Parker, Donald L., to General Motors Corporation. Dual function brake pedal providing separate controls for hydraulic and mechanical brakes. 4,553,650, 11-19-85, Cl. 192-4.00A.

Wary, John, to Union Carbide Corporation. Method of constructing thin electroluminescent lamp assemblies. 4,513,023, 4-23-85, Cl. 427-54.100.

Warzel, F. Morgan, to Phillips Petroleum Company. In-situ recovery of mineral values with sulfuric acid. 4,547,019, 10-15-85, Cl. 299-4.000.

Warzelhan, Volker; and Ball, Wolfgang, to BASF Aktiengesellschaft. Preparation of homopolymers and copolymers of α-monoolefins using a ziegler catalyst system. 4,525,550, 6-25-85, Cl. 526-116.000.

Wasa, Kiyotaka: *See—*

Inaba, Ritsuo; and Wasa, Kiyotaka, 4,510,443, Cl. 324-120.000.

Kasahara, Yukio; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,553,099, Cl. 324-458.000.

Mitsuyu, Tsuneo; Ono, Shusuke; Inaba, Ritsuo; and Wasa, Kiyotaka, 4,501,987, Cl. 310-313.00A.

Nomura, Noboru; Hirota, Eiichi; and Wasa, Kiyotaka, 4,535,376, Cl. 360-126.000.

- Wasada, Yuichi, to Honda Giken Kogyo Kabushiki Kaisha. Friction clutch differential axle. 4,538,713, 9-3-85, Cl. 192-54.000.
- Wasaki, Masaru: *See—*
  - Mitsui, Tadashi; and Wasaki, Masaru, 4,549,158, Cl. 336-83.000.
- Waschow, Dale T. Solar heating apparatus with solar heat receiving means and heat storage and distribution means. 4,523,576, 6-18-85, Cl. 126-422.000.
- Waschulewski, Hans-Georg: *See—*
  - Baier, Heinrich; Waschulewski, Hans-Georg; and Kurten, Hans-Werner, 4,505,356, Cl. 180-322.000.
  - Baier, Heinz; Kurten, Hans W.; and Waschulewski, Hans-Georg, 4,515,027, Cl. 74-87.000.
- Wasco Products, Inc.: *See—*
  - Jentoft, Arthur P.; and Couture, Paul A., 4,514,943, Cl. 52-200.000.
  - Jentoft, Arthur P., 4,527,368, Cl. 52-200.000.
- Wasel-Nielen, Horst-Dieter: *See—*
  - Merkenich, Karl; Wasel-Nielen, Horst-Dieter; Maurer, Alexander; and Adrian, Renate, 4,517,109, Cl. 252-135.000.
  - Westermann, Lothar; Wasel-Nielen, Horst-Dieter; and Sorbe, Gunter, 4,502,892, Cl. 134-6.000.
- Wasemann, William A., to White Consolidated Industries, Inc. Washing machine tub construction. 4,502,303, 3-5-85, Cl. 68-23.200.
- Wasemann, William A., to White Consolidated Industries, Inc. Washing machine tub construction. 4,519,223, 5-28-85, Cl. 68-23.500.
- Waser, Rudolf: *See—*
  - Mast, Fred; and Waser, Rudolf, 4,519,682, Cl. 353-122.000.
- Washbourn, Jack; and Cogan, Howard F., to Westinghouse Brake and Signal Co., Ltd. Electric actuators. 4,532,462, 7-30-85, Cl. 318-372.000.
- Washbourn, Jack; and Cogan, Howard F., to Westinghouse Brake and Signal Co., Ltd. Electric actuators. 4,546,296, 10-8-85, Cl. 318-372.000.
- Washbourn, Jack; and Cogan, Howard F., to Westinghouse Brake and Signal Co., Ltd. Electric actuators. 4,546,297, 10-8-85, Cl. 318-372.000.
- Washbourn, Jack: *See—*
  - Langley, Keith W.; and Washbourn, Jack, 4,498,711, Cl. 303-13.000.
  - Wickham, David J.; Washbourn, Jack; and Cogan, Howard F., 4,546,295, Cl. 318-372.000.
  - Wickham, David J.; Washbourn, Jack; and Cogan, Howard F., 4,546,298, Cl. 318-372.000.
- Washburn, Hudson A., to Intel Corporation. Method for selecting propagation elements for magnetic bubble memory. 4,514,827, 4-30-85, Cl. 365-1.000.
- Washburn, James R.: *See—*
  - Bender, John R.; and Washburn, James R., 4,529,999, Cl. 357-38.000.
- Washburn, Philip J., to Beymer, Glen E. Equipment locker. 4,494,805, 1-22-85, Cl. 312-215.000.
- Washburn, William N., to Eastman Kodak Company. Photographic element and process utilizing metal complex color masking dyes. 4,555,477, 11-26-85, Cl. 430-359.000.
- Washburn, William N.; and Hollister, Kenneth R., to Eastman Kodak Company. Colorless ligand-releasing monomers and polymers and their use to provide dyes with metal ions. 4,557,998, 12-10-85, Cl. 430-367.000.
- Washecheck, Don M.; and Adams, Charles T., to Shell Oil Company. Single-stage hydrotreating process for converting pitch to conversion process feedstock. 4,534,852, 8-13-85, Cl. 208-89.000.
- Washecheck, Don M.: *See—*
  - Ryan, Robert C.; Adams, Charles T.; and Washecheck, Don M., 4,530,911, Cl. 502-74.000.
- Washex Machinery Corporation: *See—*
  - Dreher, Adolf E. S., 4,522,046, Cl. 68-27.000.
- Washington, Derek; and Pook, Roger, to U.S. Philips Corporation. Image display tube having a channel plate electron multiplier. 4,511,822, 4-16-85, Cl. 313-400.000.
- Washington, Derek: *See—*
  - Guest, Andrew J.; and Washington, Derek, 4,544,860, Cl. 313-103.0CM.
- Washington, Leonard. Car top rod and reel carrier apparatus. 4,523,704, 6-18-85, Cl. 224-328.000.
- Washington Research Foundation: *See—*
  - Allan, G. Graham, 4,532,267, Cl. 523-106.000.
  - Allan, George G.; and Neogi, Amar N., 4,554,155, Cl. 424-22.000.
  - Hager, Harold E., 4,495,793, Cl. 73-23.000.
  - Weinstein, Boris; and Orton, Edward, 4,525,540, Cl. 525-327.200.
- Washington, Richard J. Snare device. 4,559,737, 12-24-85, Cl. 43-59.000.
- Washington Rotating Control Heads: *See—*
  - Johnston, Vaughn R., 4,531,591, Cl. 175-57.000.
- Washington State University Research Foundation, Inc.: *See—*
  - Bagby, George W., 4,501,269, Cl. 128-92.00G.
  - Matteson, Donald S.; and Sadhu, Kizhakethil M., 4,525,309, Cl. 260-462.00C.
- Washington University: *See—*
  - Needleman, Philip, 4,496,544, Cl. 514-13.000.
  - Needleman, Philip, 4,508,712, Cl. 514-11.000.
  - Needleman, Philip, 4,557,864, Cl. 260-112.50R.
- Washino, Shoichi: *See—*
  - Suzuki, Hiroyoshi; and Washino, Shoichi, 4,547,147, Cl. 431-265.000.
- Washio, Takaji: *See—*
  - Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.
- Washiyama, Shigemichi: *See—*
  - Takahashi, Tohru; Tajima, Hatsuo; Shigenobu, Michio; and Washiyama, Shigemichi 4,511,778, Cl. 219-10.55A.
- Washizawa, Ichiro: *See—*
  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,501,736, Cl. 424-195.000.
  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,528,188, Cl. 424-116.000.
- Washizu, Tomio: *See—*
  - Kato, Kazuaki; and Washizu, Tomio, 4,540,968, Cl. 337-31.000.
- Washizuka, Isamu; and Takeda, Yoshio, to Sharp Kabushiki Kaisha. Liquid crystal display. 4,533,213, 8-6-85, Cl. 350-332.000.
- Washizuka, Syoichi; Ushizawa, Jisaburo; Kokubun, Yoshihiro; and Fukuda, Tsuguo, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for manufacturing single crystals. 4,539,067, 9-3-85, Cl. 156-601.000.
- Washkuhn, Richard J., to Pennwalt Corporation. Foam rubber insoles containing Ottacide-P. 4,533,351, 8-6-85, Cl. 604-293.000.
- Washo, Junichi; Miyazaki, Takaaki; Ishii, Mitsuo; Nakayama, Muneo; Hashimoto, Akira; and Nishimura, Toshihiro, to Sharp Kabushiki Kaisha; and Tokyo Ohka Kogyo Co., Ltd. Electrochromic display device. 4,527,865, 7-9-85, Cl. 350-357.000.
- Wason, Satish K., to J. M. Huber Corporation. Thixotropic unsaturated polyester compositions and methods. 4,497,918, 2-5-85, Cl. 523-220.000.
- Wason, Thomas D., to Cain Encoder Company. Apparatus for mounting an electrical sensing device or encoder on a data output indicator or meter. 4,556,844, 12-3-85, Cl. 324-156.000.
- Wass, Lloyd G. Hydrostatic test stand. 4,528,840, 7-16-85, Cl. 73-37.000.
- Wass, Lloyd G. Raft inflation valve. 4,549,870, 10-29-85, Cl. 441-41.000.
- Wassall, Michael P.: *See—*
  - Lersmacher, Bernhard; Wassall, Michael P.; and Connor, Philip J., 4,537,506, Cl. 356-312.000.
- Wassberg, Neal L.: *See—*
  - Cavitt, Michael B.; and Wassberg, Neal L., 4,552,814, Cl. 428-414.000.
- Wassenhoven, Heinz-Georg; and Derichs, Josef, to W. Schlafhorst & Co. Method and device for starting the operation of a friction spinning machine. 4,541,234, 9-17-85, Cl. 57-263.000.
- Wassenhoven, Heinz-Georg, to W. Schlafhorst & Co. Spinning device. 4,543,779, 10-1-85, Cl. 57-401.000.
- Wassenhoven, Heinz-Georg: *See—*
  - Raasch, Hans; and Wassenhoven, Heinz-Georg, 4,516,397, Cl. 57-417.000.
  - Raasch, Hans; Wassenhoven, Heinz-Georg; and Derichs, Josef, 4,541,233, Cl. 57-263.000.
- Wasserlein, Henry G., Jr., to AMP Incorporated. Bridge tap. 4,533,201, 8-6-85, Cl. 339-99.00R.
- Wasserman, Gary L.; and Carter, David J. Processed ferrous metal and process of production. 4,497,671, 2-5-85, Cl. 148-16.000.
- Wasserman, Kurt J., to Phase Change Technology, Inc. Method of preventing frost damage of vegetation. 4,495,723, 1-29-85, Cl. 47-2.000.
- Wasserman, Martin A.; and Weichman, Barry M., to SmithKline Beckman Corporation. Method of antagonizing the effects of thromboxane. 4,536,510, 8-20-85, Cl. 514-308.000.
- Wasserman, Philip D., to Xetex, Inc. Radiation flux measuring system with dead-time correction. 4,491,733, 1-1-85, Cl. 250-374.000.
- Wassermann, Manfred; and Liebisch, Wolfgang, to ANT Nachrichtentechnik GmbH. Automatic regulation of the output power of an amplifier. 4,562,407, 12-31-85, Cl. 330-129.000.
- Wassermesserfabrik ANDRAE GmbH & Co.: *See—*
  - Konrad, Peter; and Mechel, Adam, 4,512,201, Cl. 73-861.790.
- Wasserstrom, Henry: *See—*
  - Brown, Wade R.; and Wasserstrom, Henry, 4,497,343, Cl. 137-614.060.
- Wasson, George E., to Conoco Inc. Control of froth flotation separation. 4,559,134, 12-17-85, Cl. 209-166.000.
- Wasson, Ken G.: *See—*
  - Petersen, Christian C.; and Wasson, Ken G., 4,558,937, Cl. 354-234.100.
- Wasson, Samuel L.: *See—*
  - Sams, Marvin W.; and Wasson, Samuel L., 4,503,860, Cl. 128-639.000.
- Waste Recovery, Inc.: *See—*
  - Rouse, Michael W., 4,519,550, Cl. 241-167.000.
  - Rouse, Michael W.; and Thelen, Robert L., 4,560,112, Cl. 241-236.000.
  - Rouse, Michael W.; and Thelen, Robert L., 4,561,467, Cl. 137-624.180.
- Waste-Tech Services, Inc.: *See—*
  - Rasmussen, George P.; and Grimmett, Earl S., 4,553,487, Cl. 110-245.000.
- Wastemate Corporation: *See—*
  - Tucker, Abraham I.; and Spelber, Leonard G., 4,553,560, Cl. 137-218.000.
- Waszek, Glen F.: *See—*
  - Arn, Robert M.; Csanky, Peter H.; and Waszek, Glen F., 4,535,355, Cl. 358-123.000.
- Waszkiewicz, Richard A., to Metco, Inc. Powder feed system for flame spray guns. 4,540,120, 9-10-85, Cl. 239-1.000.

Watabe, Nobuo, to Aderans Co., Ltd. Moisture-permeable sheets. 4,507,356, 3-26-85, Cl. 428-252.000.

Watabe, Nobuyuki: *See—*

  Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.

Watabe, Shin, to Mitsubishi Jukogyo Kabushiki Kaisha. Temperature control device for a refrigerating apparatus having both a heating means and a cooling means. 4,509,586, 4-9-85, Cl. 165-29.000.

Watabe, Shin, to Mitsubishi Jukogyo Kabushiki Kaisha. Refrigerating apparatus. 4,516,407, 5-14-85, Cl. 62-238.600.

Watabe, Shin; and Shibata, Hideto, to Mitsubishi Jukogyo Kabushiki Kaisha; and Churyo Engineering Co., Ltd. Air cooling type heat exchanger for a refrigerating apparatus accommodated in a container. 4,534,410, 8-13-85, Cl. 165-126.000.

Watabe, Takaharu, to Santo Industries Co., Ltd. Wedge hinge having an axially movable pivot. 4,513,474, 4-30-85, Cl. 16-243.000.

Watai, Yuji; Yasui, Hirokazu; Hirayama, Yoshiyuki; and Matsuura, Akira, to Fuji Xerox Co., Ltd. Automatic density control method for a photocopying machine. 4,533,234, 8-6-85, Cl. 355-14.00D.

Watamura, Abe S. Tool holder for lathe. 4,520,701, 6-4-85, Cl. 82-36.00R.

Watanabe, Akihiro: *See—*

  Kito, Kuniji; Watanabe, Akihiro; and Mori, Shigeo, 4,559,414, Cl. 174-196.000.

Watanabe, Akikazu: *See—*

  Sarumaru, Kohei; Iwakura, Tomoatsu; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, 4,551,571, Cl. 585-440.000.

Watanabe, Akira; Takeuchi, Yoshimitsu; Shinoda, Noboru; Isono, Tetsusaburo; and Fujiwara, Kenji, to Kyushu Refractories Co., Ltd. Silicon nitride composite refractories. 4,540,674, 9-10-85, Cl. 501-97.000.

Watanabe, Akira: *See—*

  Matsuzaki, Minoru; Hachimoto, Akihiko; Inoue, Takashi; Shirai, Hitoshi; Watanabe, Akira; and Tofukuji, Ikuo, 4,508,443, Cl. 354-402.000.

  Morimoto, Junichi; Kawamura, Fumio; Watanabe, Akira; Suzuki, Yoshio; and Kawamura, Masamichi, 4,539,282, Cl. 430-59.000.

  Ohtsuki, Yuzo; Komatsu, Nobiru; Watanabe, Akira; and Saeki, Gouji, 4,497,901, Cl. 501-90.000.

  Sato, Akihiko; and Watanabe, Akira, 4,527,392, Cl. 60-313.000.

Watanabe, Atsumi: *See—*

  Kudo, Hiroyuki; Watanabe, Atsumi; and Sasaki, Hiroshi, 4,562,507, Cl. 361-85.000.

Watanabe, Atsushi, to Toyota Jidosha Kabushiki Kaisha. Apparatus for controlling a gas turbine engine. 4,539,810, 9-10-85, Cl. 60-39.161.

Watanabe, Atsushi: *See—*

  Muramatsu, Hiromochi; Watanabe, Atsushi; and Hara, Kunihiko, 4,547,046, Cl. 350-357.000.

Watanabe, Eifu, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Outboard motor. 4,498,875, 2-12-85, Cl. 440-88.000.

Watanabe, Eifu, to Yamaha Hatsudoki Kabushiki Kaisha; and Sanshin Kogyo Kabushiki Kaisha. Steering device for an outboard motor. 4,521,201, 6-4-85, Cl. 440-55.000.

Watanabe, Eiji: *See—*

  Irie, Taisuke; Nakagawa, Yoshitaka; Tatano, Masayoshi; Watanabe, Koichi; and Watanabe, Eiji, 4,508,600, Cl. 204-27.000.

  Kawatani, Kimio; Fujikawa, Takashi; and Watanabe, Eiji, 4,544,414, Cl. 106-287.240.

  Takagi, Toshijiro; and Watanabe, Eiji, 4,537,477, Cl. 350-507.000.

Watanabe, Eiki, to Mitsubishi Denki Kabushiki Kaisha. Variable-voltage variable-frequency elevator control apparatus. 4,503,940, 3-12-85, Cl. 187-29.00R.

Watanabe, Eiki, to Mitsubishi Denki Kabushiki Kaisha. Method and apparatus for fault time operating of an elevator. 4,506,766, 3-26-85, Cl. 187-29.00R.

Watanabe, Eiki, to Mitsubishi Denki Kabushiki Kaisha. Elevator control system. 4,516,665, 5-14-85, Cl. 187-29.00R.

Watanabe, Eiki, to Mitsubishi Denki Kabushiki Kaisha. Control apparatus for elevator. 4,520,906, 6-4-85, Cl. 187-29.00R.

Watanabe, Fumihiko: *See—*

  Narisada, Masayuki; Onoue, Hiroshi; Ohtani, Mitsuaki; and Watanabe, Fumihiko, 4,504,658, Cl. 544-90.000.

  Narisada, Masayuki; Watanabe, Fumihiko; Okada, Tetsuo; and Matsumura, Hiromu, 4,525,355, Cl. 514-210.000.

Watanabe, Fumio; Mizuguchi, Yoshihiko; and Yamada, Matsuichi, to Kokusai Denshin Denwa Kabushiki Kaisha. Beam waveguide feeder. 4,516,128, 5-7-85, Cl. 343-761.000.

Watanabe, Fumio, to Tokyo Shibaura Denki Kabushiki Kaisha. Ion selective electrode device and ion analyzing apparatus. 4,533,457, 8-6-85, Cl. 204-411.000.

Watanabe, Fumio: *See—*

  Moteki, Murato; Shimada, Yoshio; Tanaka, Fumihiro; Watanabe, Fumio; and Komatsu, Kazuyuki, 4,540,992, Cl. 346-76.0PH.

  Shimoda, Michio; and Watanabe, Fumio, 4,551,805, Cl. 364-469.000.

Watanabe, Hajime: *See—*

  Fujii, Kunihisa; Tomono, Noboru; Watanabe, Hajime; and Miyakoshi, Yasushi, 4,516,099, Cl. 335-135.000.

  Iwanami, Toshio; and Watanabe, Hajime, 4,494,396, Cl. 72-243.000.

Watanabe, Haruo; Seto, Junetsu; Suzuki, Kiyosuke; and Fukuma, Toshiaki, to Sony Corporation. Method for forming a colored image. 4,542,084, 9-17-85, Cl. 430-46.000.

Watanabe, Haruo: *See—*

  Ichiryu, Ken; Watanabe, Haruo; and Nogami, Tadahiko, 4,529,362, Cl. 417-271.000.

  Ichiryu, Ken; Watanabe, Haruo; and Yamaguchi, Takashi, 4,544,129, Cl. 251-129.010.

Watanabe, Hideo; Takigawa, Nobuhiro; Hakiri, Minoru; Kawasaki, Kanjirou; and Kubo, Keishi, to Ricoh Company, Ltd. Heat sensitive transfer medium. 4,529,993, 7-16-85, Cl. 346-208.000.

Watanabe, Hideo; Hakiri, Minoru; Kawasaki, Kanjirou; Kubo, Keishi; and Takigawa, Nobuhiro, to Ricoh Company, Ltd. Heat-sensitive transfer medium. 4,562,448, 12-31-85, Cl. 346-208.000.

Watanabe, Hideo: *See—*

  Kubo, Keishi; Watanabe, Hideo; Takigawa, Nobuhiro; Hagiri, Minoru; and Kawasaki, Kanjiro, 4,500,896, Cl. 346-204.000.

  Takigawa, Nobuhiro; Watanabe, Hideo; Kawasaki, Kanzirou; Kubo, Keishi; Hakiri, Minoru; and Kawamura, Eiichi, 4,538,164, Cl. 346-209.000.

Watanabe, Hideyuki: *See—*

  Fujiwara, Tatsuro; Watanabe, Hideyuki; Hirano, Takao; and Sakakibara, Hideo, 4,515,941, Cl. 536-7.100.

Watanabe, Hiroaki. Correction tape take-up spool assembly for typewriter. 4,518,128, 5-21-85, Cl. 242-71.800.

Watanabe, Hirokazu, to Nippon Notion Kogyo Co., Ltd. Tiltable tack button. 4,541,148, 9-17-85, Cl. 24-108.000.

Watanabe, Hiromi, to Oppama Kogyo Kabushiki Kaisha. Ignition time controlling device in contactless ignition devices for internal combustion engines. 4,512,303, 4-23-85, Cl. 123-335.000.

Watanabe, Hiromitsu, to Yamaha Hatsudoki Kabushiki Kaisha. Air cleaner for three wheel vehicle. 4,531,606, 7-30-85, Cl. 180-210.000.

Watanabe, Hiromitsu, to Yamaha Hatsudoki Kabushiki Kaisha. Drive arrangement for three wheeled vehicles. 4,540,061, 9-10-85, Cl. 180-215.000.

Watanabe, Hiroo: *See—*

  Nakayama, Shozo; and Watanabe, Hiroo, 4,505,677, Cl. 433-132.000.

Watanabe, Hiroshi, to Towa Glove Co., Ltd. Porous coated glove. 4,497,072, 2-5-85, Cl. 2-161.00A.

Watanabe, Hiroshi; Shimamura, Isao; Abe, Masao; and Mizusawa, Masashi, to Pilot Man-Nen-Hitsu Kabushiki Kaisha. Surface treatment of aluminum or aluminum alloys. 4,526,671, 7-2-85, Cl. 204-37.600.

Watanabe, Hiroshi; and Izumi, Eiki, to Hitachi Construction Machinery Co., Ltd. Failure detection system for hydraulic pumps. 4,558,593, 12-17-85, Cl. 73-168.000.

Watanabe, Hiroshi; Izumi, Eiki; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, to Hitachi, Ltd. Control system for hydraulic circuit apparatus. 4,561,249, 12-31-85, Cl. 60-421.000.

Watanabe, Hiroshi: *See—*

  Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro, 4,499,754, Cl. 73-861.120.

  Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,510,750, Cl. 60-443.000.

  Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,528,813, Cl. 60-389.000.

  Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; Honma, Kazuo; and Nakajima, Kichio, 4,531,369, Cl. 60-456.000.

  Kage, Kouzou; and Watanabe, Hiroshi, 4,525,868, Cl. 455-206.000.

  Morimoto, Kiyoshi; and Watanabe, Hiroshi, 4,540,983, Cl. 340-772.000.

  Morimoto, Kiyoshi; and Watanabe, Hiroshi, 4,542,317, Cl. 313-496.000.

  Nakajima, Kichio; Izumi, Eiki; Watanabe, Hiroshi; Aoyagi, Yukio; and Honma, Kazuo, 4,520,626, Cl. 60-468.000.

  Ooi, Tetsuo; Watanabe, Hiroshi; Gotoh, Akio; Tsutsumi, Shuitsu; Oba, Ryohei; Ito, Koichi; and Huse, Syouzi, 4,498,195, Cl. 455-205.000.

  Suzuki, Toshio; Watanabe, Hiroshi; and Tsushima, Rikio, 4,534,892, Cl. 252-545.000.

Watanabe, Hirotoshi: *See—*

  Toyama, Fumiyasu; Murakoshi, [illegible]; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, 4,550,366, Cl. 364-136.000.

Watanabe, Hiroyuki; and Ohashi, Mikio, to Toyota Jidosha Kogyo Kabushiki Kaisha. Construction of door in motor vehicle. 4,494,337, 1-22-85, Cl. 49-374.000.

Watanabe, Hiroyuki; and Tanaka, Yasushi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Vehicle body floor construction of motor vehicle. 4,511,176, 4-16-85, Cl. 296-204.000.

Watanabe, Hiroyuki; and Tanaka, Yasushi, to Toyota Jidosha Kogyo Kabushiki Kaisha. Vehicle body floor construction of motor vehicle. 4,514,008, 4-30-85, Cl. 296-204.000.

Watanabe, Hiroyuki; Osaka, Kuniaki; and Tanaka, Yasushi, to Toyota Jidosha Kabushiki Kaisha. Vehicle body structure for a longitudinally extending floor tank and a gear shift mechanism. 4,545,589, 10-8-85, Cl. 280-5.00A.

Watanabe, Hiroyuki: *See—*

  Todoko, Masaaki; and Watanabe, Hiroyuki, 4,508,877, Cl. 525-333.100.

Watanabe, Hisanori: *See—*

  Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, 4,547,823, Cl. 360-90.000.

Watanabe, Hisao: *See—*

  Jikihara, Tetsuo; Oda, Masatsugu; Natsume, Bunji; Watanabe, Hisao; and Suzuki, Seiichi, 4,536,209, Cl. 71-96.000.

Watanabe, Hisashi, to Fujitsu Limited. Package for semiconductor device. 4,551,745, 11-5-85, Cl. 357-72.000.
Watanabe, Isamu: *See—*
  Iwasaki, Akio; Deushi, Takeo; Watanabe, Isamu; and Mori, Toshihito, 4,515,942, Cl. 536-16.800.
  Nakayama, Masahito; Iwasaki, Akio; Kimura, Shigeru; Tanabe, Sohei; Mizoguchi, Toshimi; Murakami, Akira; Watanabe, Isamu; Okuchi, Masao; Ito, Hisakatsu; and Mori, Toshihito, 4,530,791, Cl. 260-245.20T.
Watanabe, Isao: *See—*
  Dan, Takuya; Watanabe, Isao; and Kurata, Tomoyuki, 4,505,462, Cl. 267-140.200.
  Okada, Seiji; Watanabe, Isao; Sawatari, Norio; Saito, Kazumasa; Narusawa, Toshiaki; and Okuyama, Hirofumi, 4,555,466, Cl. 430-106.600.
  Yoshikawa, Ryoichi; Ohmori, Kouichi; and Watanabe, Isao, 4,542,974, Cl. 354-415.000.
Watanabe, Jun: *See—*
  Mori, Chuzo; Watanabe, Jun; and Kudo, Katsutaka, 4,509,397, Cl. 83-453.000.
Watanabe, Junji, to Tokyo Shibaura Denki Kabushiki Kaisha. Paper sorting/storing apparatus. 4,498,665, 2-12-85, Cl. 271-289.000.
Watanabe, Junji, to Tokyo Shibaura Denki Kabushiki Kaisha. Sheet feeding apparatus. 4,519,601, 5-28-85, Cl. 271-114.000.
Watanabe, Junji, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus. 4,534,643, 8-13-85, Cl. 355-3.0SH.
Watanabe, Junji, to Kabushiki Kaisha Toshiba. Transfer material feeding device. 4,534,666, 8-13-85, Cl. 400-207.000.
Watanabe, Junji, to Kabushiki Kaisha Toshiba. Image forming apparatus. 4,547,783, 10-15-85, Cl. 346-76.0PH.
Watanabe, Junji; and Nawata, Yoshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus. 4,561,762, 12-31-85, Cl. 355-3.00R.
Watanabe, Junji: *See—*
  Matsumoto, Hiroshi; and Watanabe, Junji, 4,522,483, Cl. 355-3.00R.
Watanabe, Katsuhiro; Minei, Masayuki; and Horikoshi, Toshio, to San-Ei Kagaku Co., L.T.D. Method and apparatus for diagnosis of hair for permanent waving. 4,510,951, 4-16-85, Cl. 132-7.000.
Watanabe, Katsunori: *See—*
  Ishikawa, Shozo; Katagiri, Kazuharu; Watanabe, Katsunori; Sakai, Kiyoshi; and Kitahara, Makoto, 4,500,619, Cl. 430-59.000.
  Ishikawa, Shozo; Sakai, Kiyoshi; Mabuchi, Minoru; Watanabe, Katsunori; and Kitahara, Makoto, 4,554,231, Cl. 430-59.000.
  Maeda, Yoshiyasu; Ueura, Akira; Sato, Kazuyoshi; and Watanabe, Katsunori, 4,555,069, Cl. 242-43.00R.
Watanabe, Kazuhide: *See—*
  Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,529,164, Cl. 251-129.000.
  Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,550,744, Cl. 137-80.000.
Watanabe, Kazuhiro; Yoshikawa, Sakae; and Futami, Shunichi, to G-C Dental Industrial Corp. Low dusting powdery alginate impression material for dental use. 4,543,372, 9-24-85, Cl. 523-109.000.
Watanabe, Kazuhiro: *See—*
  Fujita, Toshio; and Watanabe, Kazuhiro, 4,552,915, Cl. 524-322.000.
  Kato, Yukiteru; and Watanabe, Kazuhiro, 4,525,365, Cl. 426-101.000.
Watanabe, Kazumasa; Deguchi, Hidetaka; and Suginaka, Shunji, to Konishiroku Photo Industry Co., Ltd. Photographic recording material with indole redox releaser. 4,499,181, 2-12-85, Cl. 430-558.000.
Watanabe, Kazumasa: *See—*
  Kobayashi, Tatsuhiko; Ikeuchi, Satoru; Watanabe, Kazumasa; and Suginaka, Shunji, 4,520,095, Cl. 430-223.000.
Watanabe, Kazuo; Ohkubo, Yuichi; Haeno, Akira; and Yokogawa, Fumihiko, to Hitachi, Ltd.; and Pioneer Electronic Corporation. Electronic impedance circuit including a compensation arrangement for d.c. offset. 4,520,282, 5-28-85, Cl. 307-491.000.
Watanabe, Kazuyoshi: *See—*
  Sakaguchi, Susumu; Itoh, Ken; Ogihara, Masahiro; Makigawa, Shinji; Ryuo, Toshihiko; and Watanabe, Kazuyoshi, 4,534,821, Cl. 156-617.0SP.
Watanabe, Keiichi: *See—*
  Takahashi, Katsuhiro; Watanabe, Keiichi; Hoshihara, Naoto; and Jinbo, Hiroyuki, 4,548,835, Cl. 427-123.000.
Watanabe, Keiichiro; Yamada, Tomiaki; Sazanami, Tsuneo; and Asahara, Eiko, to JGC Corporation; and Kansai Paint Co., Ltd. Continuous alcohol manufacturing process using yeast. 4,562,154, 12-31-85, Cl. 435-162.000.
Watanabe, Keiichiro: *See—*
  Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, 4,546,081, Cl. 435-161.000.
Watanabe, Keizo: *See—*
  Miyata, Hiroyasu; Yamaguchi, Akio; and Watanabe, Keizo, 4,492,125, Cl. 74-10.330.
Watanabe, Kenji, to Katsuji BABA, a part interest. Internal combustion engine of hydrogen gas. 4,508,064, 4-2-85, Cl. 123-1.00A.
Watanabe, Kenji, to Sony Corporation. Method and apparatus for encoding and decoding a binary digital information signal. 4,531,153, 7-23-85, Cl. 358-141.000.
Watanabe, Kenji: *See—*
  Asano, Masao; Fujimatsu, Wataru; Matsumoto, Kazumasa; Murata, Hideki; Sato, Toshihiko; and Watanabe, Kenji, 4,537,824, Cl. 428-323.000.
Watanabe, Kenkichi; and Furuya, Katusuke, to Laurel Bank Machine Co., Ltd. Coin counting and packaging machine. 4,509,542, 4-9-85, Cl. 133-8.00A.
Watanabe, Kiyohiko; Matsui, Kazuma; Hattori, Yoshiyuki; Takei, Toshihiro; Nakamura, Toshiaki; and Ohnishi, Shunsaku, to Nippondenso Co., Ltd. Pump apparatus. 4,492,515, 1-8-85, Cl. 415-53.00T.
Watanabe, Kiyohiko; Hattori, Yoshiyuki; Nakamura, Toshiaki; and Ohnishi, Shunsaku, to Nippondenso Co., Ltd. Pumping apparatus. 4,556,363, 12-3-85, Cl. 415-53.00T.
Watanabe, Kiyohiko: *See—*
  Takei, Toshihiro; Matsui, Kazuma; Hattori, Yoshiyuki; Watanabe, Kiyohiko; Nakamura, Toshiaki; and Ohnishi, Shunsaku, 4,493,620, Cl. 417-366.000.
Watanabe, Kiyoshi: *See—*
  Hasegawa, Junzo; Ogura, Masahiro; Kanema, Hiroshi; Kawaharada, Hajime; and Watanabe, Kiyoshi, 4,540,665, Cl. 435-146.000.
Watanabe, Koichi: *See—*
  Irie, Taisuke; Nakagawa, Yoshitaka; Tatano, Masayoshi; Watanabe, Koichi; and Watanabe, Eiji, 4,508,600, Cl. 204-27.000.
Watanabe, Koji; Shiozawa, Kazuo; Suzuki, Kiziro; and Shimokawa, Ryushi, to Konishiroku Photo Industry Co., Ltd. Camera with microprocessor. 4,492,450, 1-8-85, Cl. 354-412.000.
Watanabe, Koji, to Konishiroku Photo Industry Co., Ltd. Photometric method for cameras. 4,494,853, 1-22-85, Cl. 354-478.000.
Watanabe, Koji, to Matsushita Electric Industrial Co., Ltd. Sound reproduction system having sonic image localization networks. 4,524,451, 6-18-85, Cl. 381-1.000.
Watanabe, Koji: *See—*
  Nishigaki, Haruo; Watanabe, Koji; Fukui, Shiroh; and Kanematsu, Kiyoshi, 4,556,511, Cl. 252-573.000.
Watanabe, Kojiro, to NEC Corporation. Method of measuring quality of a signal received by a receiver of a two-dimensional linear modulation data communication system. 4,542,514, 9-17-85, Cl. 375-10.000.
Watanabe, Kouichi: *See—*
  Hirota, Ken; Fujimoto, Yoshiaki; Watanabe, Kouichi; and Sugimura, Minoru, 4,521,323, Cl. 252-62.590.
Watanabe, Koya; Yamazaki, Katuo; and Hayama, Sadaji, to Toshiba Kikai Kabushiki Kaisha. Attachments for fitting tools to spindles. 4,548,532, 10-22-85, Cl. 409-233.000.
Watanabe, Kozo, to Yoshida Kogyo K.K. Thermally shrinkable labeling band. 4,540,619, 9-10-85, Cl. 428-192.000.
Watanabe, Kozo: *See—*
  Tamba, Shinichi; Sato, Masato; Watanabe, Kozo; and Yamashita, Masanobu, 4,548,167, Cl. 123-41.560.
Watanabe, Kuniaki: *See—*
  Kagami, Toshiro; and Watanabe, Kuniaki, 4,510,191, Cl. 428-36.000.
Watanabe, Kunio: *See—*
  Shimizu, Masami; Omi, Junji; Watanabe, Kunio; Uchidoi, Masanori; and Aizawa, Hiroshi, 4,520,340, Cl. 338-195.000.
Watanabe, Makio: *See—*
  Sato, Masaaki; Kaneda, Aizo; and Watanabe, Makio, 4,524,369, Cl. 346-135.100.
Watanabe, Mamoru: *See—*
  Aoyagi, Shigeyuki; and Watanabe, Mamoru, 4,551,966, Cl. 53-571.000.
Watanabe, Masae, to Yamaha Hatsudoki Kabushiki Kaisha. Motorcycle suspension system. 4,542,910, 9-24-85, Cl. 280-276.000.
Watanabe, Masaharu: *See—*
  Matsuo, Shuitsu; Imanishi, Yasuhiro; Nagashima, Hideo; Watanabe, Masaharu; Usami, Toshiro; and Muraoka, Hisashi, 4,515,755, Cl. 422-246.000.
Watanabe, Masahiro: *See—*
  Osada, Hisajiro; Hiratsuka, Yutaka; and Watanabe, Masahiro, 4,541,718, Cl. 356-316.000.
Watanabe, Masaki; Yagasaki, Akio; and Chisaka, Kazuto, to Honda Giken Kogyo Kabushiki Kaisha. Windshield assembly for motorcycles. 4,529,242, 7-16-85, Cl. 296-78.100.
Watanabe, Masaki, to Aisan Kogyo Kabushiki Kaisha. Method of converting pulse frequency in a control circuit of a pulse motor. 4,540,944, 9-10-85, Cl. 328-22.000.
Watanabe, Masaki: *See—*
  Gotoh, Isamu; Watanabe, Masaki; Wakatsuki, Goroei; Shimoyama, Hiroshi; and Matsuzawa, Masakazu, 4,529,055, Cl. 180-210.000.
  Yamamoto, Sadashi; Kayama, Hiroaki; and Watanabe, Masaki, 4,543,849, Cl. 74-501.50R.
Watanabe, Masami, to Kashima Oil Company Limited. Method for producing mesophase continuously. 4,512,874, 4-23-85, Cl. 208-44.000.
Watanabe, Masami, to Kashima Oil Company Limited. Method for producing mesophase pitch. 4,529,498, 7-16-85, Cl. 208-44.000.
Watanabe, Masami, to Kashima Oil Company Limited. Method for producing mesophase pitch. 4,529,499, 7-16-85, Cl. 208-44.000.
Watanabe, Masanori; Furubayashi, Hisatoshi; Tanaka, Junichi; and Hijikigawa, Masaya, to Sharp Kabushiki Kaisha. Moisture permeable electrode in a moisture sensor. 4,496,931, 1-29-85, Cl. 338-34.000.
Watanabe, Masanori: *See—*
  Furubayashi, Hisatoshi; Tanaka, Junichi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,515,653, Cl. 156-643.000.
  Irie, Hiroyuki; Ide, Susumu; Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,542,322, Cl. 315-366.000.
  Nonomura, Kinzo; Watanabe, Masanori; and Takesako, Yoshinobu, 4,493,666, Cl. 445-24.000.
  Tanaka, Junichi; Furubayashi, Hisatoshi; Watanabe, Masanori; and Hijikigawa, Masaya, 4,558,393, Cl. 361-286.000.

Watanabe, Masaru; Sakai, Toshihide; and Takase, Toshio, to Fuji Heavy Industries Ltd. Ventilating device for a container. 4,517,882, 5-21-85, Cl. 98-6.000.

Watanabe, Masaru: *See—*

Mori, Teruo; Shirai, Hiroshi; Kakei, Tsutomu; Matsuhisa, Tsuneyasu; and Watanabe, Masaru, 4,502,933, Cl. 204-206.000.

Watanabe, Masatoshi: *See—*

Kitabayashi, Yukio; Takahashi, Noriyoshi; Watanabe, Masatoshi; Okuyama, Toshiaki; and Tanaka, Yoji, 4,503,377, Cl. 318-807.000.

Kitabayashi, Yukio; Takahashi, Noriyoshi; Okuyama, Toshiaki; Watanabe, Masatoshi; and Ohura, Hitoshi, 4,562,397, Cl. 318-814.000.

Watanabe, Masayuki: *See—*

Fujii, Takashi; Ushizawa, Jisaburo; and Watanabe, Masayuki, 4,533,822, Cl. 219-553.000.

Watanabe, Masazumi: *See—*

Imada, Isuke; Okutani, Tetsuya; and Watanabe, Masazumi, 4,495,104, Cl. 260-396.00R.

Imada, Isuke; and Watanabe, Masazumi, 4,514,420, Cl. 514-689.000.

Morimoto, Hiroshi; Imada, Isuke; Watanabe, Masazumi; and Kawada, Mitsuru, 4,525,361, Cl. 514-689.000.

Sugihara, Hirosada; Watanabe, Masazumi; Kawada, Mitsuru; and Imada, Isuke, 4,558,068, Cl. 514-462.000.

Togawa, Hideo; Takezawa, Taihei; Watanabe, Masazumi; Hayashi, Kazuya; and Okuhara, Akira, 4,505,938, Cl. 426-46.000.

Watanabe, Michihiro: *See—*

Takagaki, Hidetsugu; Nakanishi, Shigenori; Tanaka, Yasuyuki; Watanabe, Michihiro; and Yonehara, Yoriko, 4,525,303, Cl. 260-239.55R.

Watanabe, Michio; Ishibashi, Kazuhisa; Yasumuro, Hisakazu; Kurashima, Hideo; and Imatani, Tsuneo, to Toyo Seikan Kaisha, Ltd. Method of making a metallic container. 4,560,430, 12-24-85, Cl. 156-285.000.

Watanabe, Michio: *See—*

Imatani, Tsuneo; Yasumuro, Hisakazu; Watanabe, Michio; Kurashima, Hideo; and Ishibashi, Kazuhisa, 4,536,243, Cl. 156-274.600.

Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.

Watanabe, Minoru, to Kabushiki Kaisha Murakoshi Seiko. Locking device for door. 4,538,844, 9-3-85, Cl. 292-127.000.

Watanabe, Minoru: *See—*

Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, 4,545,292, Cl. 98-42.210.

Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, 4,495,192, Cl. 514-318.000.

Watanabe, Mitsuru: *See—*

Iijima, Yoshitaka; Uno, Takaaki; and Watanabe, Mitsuru, 4,546,848, Cl. 180-312.000.

Ishihara, Masahiro; Watanabe, Mitsuru; Ohkawa, Shuji; Taguchi, Shunichi; and Kikuchi, Itsuo, 4,520,250, Cl. 219-10.55B.

Taguchi, Shunichi; Ohkawa, Shuji; Watanabe, Mitsuru; and Kikuchi, Itsuo, 4,518,839, Cl. 219-10.55B.

Watanabe, Morio; and Nishimura, Sanji, to Solex Research Corporation of Japan. Process for production of high-purity metallic iron. 4,497,655, 2-5-85, Cl. 75-34.000.

Watanabe, Motokazu: *See—*

Kubo, Kunimichi; Yoshikawa, Mamoru; Watanabe, Motokazu; Miyazaki, Yasunosuke; and Miyoshi, Mituji, 4,525,548, Cl. 526-72.000.

Watanabe, Namio, to Akebono Brake Industry Co., Ltd. Disc brake. 4,560,035, 12-24-85, Cl. 188-72.800.

Watanabe, Naomitsu: *See—*

Morita, Yasukazu; and Watanabe, Naomitsu, 4,513,024, Cl. 427-65.000.

Watanabe, Naotochi: *See—*

Maeda, Masahiko; Watanabe, Naotochi; and Fujitani, Kenji, 4,557,859, Cl 252-511.000.

Watanabe, Noboru; Oyama, Motofumi; and Kubo, Yoichiro, to Nippon Zeon Co. Ltd. Method for preventing degradation and deterioration of vulcanized rubber material. 4,559,390, 12-17-85, Cl. 525-349.000.

Watanabe, Noboru; and Kubo, Yoichiro, to Nippon Zeon Co. Ltd. Rubber composition. 4,560,729, 12-24-85, Cl. 525-233.000.

Watanabe, Noboru: *See—*

Ikuma, Sadao; Aoki, Yuji; and Watanabe, Noboru, 4,525,536, Cl. 525-194.000.

Tanaka, Osamu; Watanabe, Noboru; and Iiyama, Hiroshi, 4,492,029, Cl. 33-366.000.

Watanabe, Nobuatsu; Nakajima, Tsuyoshi; and Kawaguchi, Masayuki, to Watanabe, Nobuatsu. Ternary intercalation compound of a graphite with a metal fluoride and fluorine, a process for producing the same, and an electrically conductive material comprising the ternary intercalation compound. 4,511,493, 4-16-85, Cl. 252-507.000.

Watanabe, Nobuatsu; Nakajima, Tsuyoshi; and Kawaguchi, Masayuki, to Central Glass Company, Limited. Ternary intercalation compound of a graphite with an alkali metal fluoride and fluorine, a process for producing the same, and an electrically conductive material comprising the ternary intercalation compound. 4,515,709, 5-7-85, Cl. 252-509.000.

Watanabe, Nobuhiko; and Tanaka, Masato, to Sony Corporation. Time base correcting apparatus. 4,492,989, 1-8-85, Cl. 360-32.000.

Watanabe, Nobuhiko; and Tanaka, Masato, to Sony Corporation. Apparatus for recording and reproducing a digital signal. 4,525,752, 6-25-85, Cl. 360-13.000.

Watanabe, Nobuhiko, to Sony Corporation. Apparatus for connecting digital data. 4,541,089, 9-10-85, Cl. 371-8.000.

Watanabe, Nobuko: *See—*

Matsumoto, Masakatsu; and Watanabe, Nobuko, 4,558,143, Cl. 549-471.000

Watanabe, Nobuyoshi; and Matsuda, Tsutomu, to Ricoh Company, Ltd. Thermal development type diazo copying material with hydrophobic resin encapsulated coupler particle. 4,497,887, 2-5-85, Cl. 430-138.000.

Watanabe, Nobuyuki; and Wanda, Nobuo, to Hitachi Metals, Ltd. Union joint. 4,540,205, 9-10-85, Cl. 285-329.000.

Watanabe, Norio: *See—*

Suzuki, Akira; Shioya, Yasumi; Watanabe, Norio; and Kimura, Keiichi, deceased, 4,500,427, Cl. 210-608.000.

Watanabe, Osamu, to Hitachi, Maxell Ltd. Leak-proof alkaline cell. 4,521,500, 6-4-85, Cl. 429-174.000.

Watanabe, Ryoji: *See—*

Fujii, Tadayuki; Hiraoka, Yutaka; and Watanabe, Ryoji, 4,491,560, Cl. 420-429.000.

Watanabe, Ryuji; Wada, Akira; Ando, Hisashi; Shimizu, Seiki; Kurosawa, Yukio; and Iwashita, Kiyoji, to Hitachi, Ltd. Vacuum switch and method of manufacturing the same. 4,546,222, 10-8-85, Cl. 200-144.00B.

Watanabe, Ryuji; Iwashita, Kiyoji; Tomita, Sadami; Kuniya, Keiichi; and Tsuda, Hideaki, to Hitachi, Ltd. Vacuum circuit breaker. 4,547,639, 10-15-85, Cl. 200-144.00B.

Watanabe, Ryuji; Ando, Hisashi; Kuniya, Keiichi; and Kurosawa, Yukio, to Hitachi, Ltd. Surge-absorberless vacuum circuit interrupter. 4,551,596, 11-5-85, Cl. 200-144.00B

Watanabe, Ryuzo: *See—*

Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Watanabe, Sakuji: *See—*

Meguro, Hiroshi; Okubo, Yuji; and Watanabe, Sakuji, 4,497,564, Cl. 354-442.000.

Watanabe, Satoshi; Wakasawa, Toru; Hirano, Hirofumi; and Nishizawa, Hiroshi, to Canon Kabushiki Kaisha; and Canon Denshi Kabushiki Kaisha. Compact printer. 4,494,885, 1-22-85, Cl. 400-145.200.

Watanabe, Satoshi: *See—*

Kamegaya, Takeo; and Watanabe, Satoshi, 4,554,482, Cl. 313-582.000.

Watanabe, Seiichi: *See—*

Iwasaki, Takao; Ito, Higashi; and Watanabe, Seiichi, 4,540,838, Cl 570-229.000.

Tabata, Itsuo; and Watanabe, Seiichi, 4,510,341, Cl. 570-229.000.

Watanabe, Sharkey. Citrus fruit processing and food product. 4,560,572, 12-24-85, Cl. 426-616.000.

Watanabe, Shigetaka: *See—*

Natori, Takeshi; Kobayashi, Yoji; Watanabe, Shigetaka; Shimizu, Katsumi; Matsumura, Ikuei; Namekawa, Yoshihiro; and Miyanaga, Satoshi, 4,510,974, Cl. 138-137.000.

Watanabe, Shigeyoshi; and Tanaka, Sumio, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor nonvolatile read only memory device. 4,531,202, 7-23-85, Cl. 365-104.000.

Watanabe, Shigeyoshi: *See—*

Tanaka, Sumio; and Watanabe, Shigeyoshi, 4,494,219, Cl. 365-189.000.

Watanabe, Shigeyuki: *See—*

Odani, Junji; and Watanabe, Shigeyuki, 4,542,208, Cl. 534-797.000.

Watanabe, Shingo; and Itou, Takeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Method for forming pattern and photoresist used therein. 4,501,806, 2-26-85, Cl. 430-25.000.

Watanabe, Shingo; and Itou, Takeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Photoresist composition with water soluble bisazide and diazo compound. 4,526,854, 7-2-85, Cl. 430-176.000.

Watanabe, Shingo: *See—*

Koike, Norio; Ito, Takeo; Watanabe, Shingo; and Ikari, Kunihiro, 4,491,629, Cl. 430-176.000.

Kozakai, Asao; Watanabe, Shingo; and Nakanishi, Nobuyasu, 4,492,414, Cl. 303-116.000.

Nomura, Yoshihisa; Watanabe, Shingo; and Yamamoto, Shoichi, 4,541,788, Cl. 417-471.000.

Watanabe, Shinichi: *See—*

Kakimoto, Atsushi; Takita, Masaaki; and Watanabe, Shinichi, 4,505,469, Cl. 271-91.000.

Watanabe, Shinichiro, to Japan Spectroscopic Co., Ltd. Spectrophotometer. 4,500,205, 2-19-85, Cl. 356-325.000.

Watanabe, Shinichiro, to Japan Spectroscopic Co., Ltd. Method and apparatus for controlling measurement in a spectrophotometer. 4,545,681, 10-8-85, Cl. 356-325.000.

Watanabe, Shinpei: *See—*

Matsubara, Soichi; Morita, Hirobumi; and Watanabe, Shinpei, 4,535,927, Cl. 228-6.100.

Watanabe, Shizuhisa: *See—*

Tokuyama, Keiichi; Naito, Shotaro; and Watanabe, Shizuhisa, 4,553,196, Cl. 363-21.000.

Watanabe, Shizuo: *See—*

Sumida, Atsushi; Ozaki, Keiichiro; and Watanabe, Shizuo, 4,517,169, Cl. 423-447.400.

Sumida, Atsushi; and Watanabe, Shizuo, 4,555,446, Cl. 428-367.000.

Watanabe, Shoji; Inoue, Kimio; and Okitsu, Kiyoshi, to Daicel Chemical Industries, Ltd. Modified epoxy resin and composition. 4,521,570, 6-4-85, Cl. 525-415.000.

Watanabe, Shoji; and Okitsu, Kiyoshi, to Daicel Chemical Industries, Ltd. Modified epoxy resin and composition. 4,522,984, 6-11-85, Cl. 525-415.000.

Watanabe, Shoji; and Okitsu, Kiyoshi, to Daicel Chemical Industries, Ltd. Radiation-curable resin composition. 4,525,258, 6-25-85, Cl. 204-159.230.

Watanabe, Shoji: *See*—
- Asami, Masahiro; Okitsu, Kiyoshi; Okumura, Yoshiaki; Namikoshi, Hajime; Mikumo, Masatoshi; and Watanabe, Shoji, 4,529,788, Cl. 527-300.000.

Watanabe, Shojiro: *See*—
- Mitsuo, Hirofumi; Watanabe, Shojiro; and Saeki, Keiso, 4,559,242, Cl. 427-150.000.

Watanabe, Shotaro; Tomono, Makoto; Yamakawa, Goichi; Nishimura, Takeo; and Takahashi, Nobuo, to Konishiroku Photo Industry Co., Ltd. Developing material for electrophotography, process for preparation. 4,518,674, 5-21-85, Cl. 430-108.000.

Watanabe, Shuichi; and Katakabe, Noboru, to Matsushita Electric Industrial Co., Ltd. Solenoid. 4,550,302, 10-29-85, Cl. 335-228.000.

Watanabe, Shuichi: *See*—
- Itoh, Michio; Tsukamoto, Takehiro; Watanabe, Shuichi; Kinoshita, Takeshi; and Tomita, Seisuke, 4,545,416, Cl. 152-539.000.
- Katakabe, Noboru; Watanabe, Shuichi; Takamiya, Takehisa; Takase, Hiroaki; and Yoshii, Orio, 4,558,964, Cl. 400-144.100.
- Tanaka, Tsutomu; Yahagi, Mitsuhisa; and Watanabe, Shuichi, 4,508,153, Cl. 152-362.0CS.
- Yahagi, Mitsuhisa; Masunaga, Mikio; Watanabe, Shuichi; and Tanaka, Tsutomu, 4,549,593, Cl. 152-330.00R.

Watanabe, Shunso F., to Ford Motor Company. Carburetor throttle valve actuator. 4,526,060, 7-2-85, Cl. 74-626.000.

Watanabe, Suguru: *See*—
- Inoue, Shigeru; Ono, Hiroshi; Fukui, Akito; Fujii, Hidetsugu; Morikawa, Haruyuki; and Watanabe, Suguru, 4,504,679, Cl. 564-67.000.

Watanabe, Susumu, to Tokyo Shibaura Denki Kabushiki Kaisha. Electron beam exposure apparatus. 4,511,980, 4-16-85, Cl. 364-491.000.

Watanabe, Susumu: *See*—
- Ohyama, Kunio; Nakagawa, Nobuaki; and Watanabe, Susumu, 4,495,151, Cl. 422-102.000.

Watanabe, Tadahiko; Tsuya, Yuko; and Enomoto, Yuji, to Director-General of the Agency of Industrial Science and Technology. Sintered ceramic body containing titanium carbonitride. 4,492,764, 1-8-85, Cl. 501-87.000.

Watanabe, Tadashi, to Nippon Electric Co., Ltd. Apparatus for generation of binary pseudo-random numbers. 4,493,046, 1-8-85, Cl. 364-717.000.

Watanabe, Takashi; and Miyatake, Shigehiro, to Sharp Kabushiki Kaisha. Color imaging array and color imaging device. 4,500,914, 2-19-85, Cl. 358-44.000.

Watanabe, Takashi; Ozawa, Masakazu; Koizumi, Yutaka; and Matsumoto, Haruyuki, to Canon Kabushiki Kaisha. Ink jet recording apparatus. 4,539,569, 9-3-85, Cl. 346-140.00R.

Watanabe, Takashi: *See*—
- Hattori, Yoshihiro; Watanabe, Takashi; and Maeda, Kunio, 4,521,488, Cl. 428-409.000.

Watanabe, Takayuki: *See*—
- Isshiki, Tomiya; Nawata, Takanari; Kijima, Yasuhiko; Ito, Akira; and Watanabe, Takayuki, 4,517,377, Cl. 560-261.000.

Watanabe, Takeo: *See*—
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
- Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,561,877, Cl. 71-90.000.

Watanabe, Takeshi, to Nippon Electric Co., Ltd. Semiconductor device having insulated gate type non-volatile semiconductor memory elements. 4,527,259, 7-2-85, Cl. 365-189.000.

Watanabe, Takeyoshi: *See*—
- Kuwajima, Hideji; Shike, Kazuyoshi; and Watanabe, Takeyoshi, 4,491,618, Cl. 428-241.000.

Watanabe, Tatsuo; Ohkawa, Michihisa; and Mizuno, Toshio, to Kokusai Denshin Denwa Kabushiki Kaisha. Carrier power to noise power ratio measuring system for TDMA signals. 4,553,086, 11-12-85, Cl. 324-57.00N.

Watanabe, Tatsuya: *See*—
- Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.
- Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,551,849, Cl. 381-86.000.
- Suzuki, Fumio; Ohnuma, Toshio; Koga, Kazuyuki; and Watanabe, Tatsuya, 4,557,046, Cl. 29-749.000.
- Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, 4,550,428, Cl. 381-86.000.

Watanabe, Teruoki: *See*—
- Nakanishi, Yasuo; Sakamoto, Kazunori; Ando, Giichi; and Watanabe, Teruoki, 4,519,854, Cl. 148-127.000.

Watanabe, Tetsu; and Tanaka, Masato, to Sony Corporation. Apparatus for re-recording a digital signal on a record medium and for reproducing the same therefrom. 4,559,568, 12-17-85, Cl. 360-48.000.

Watanabe, Tetsumi; Haramura, Shigenori; and Momose, Yutaka, to Aisin Seiki Kabushiki Kaisha. Engine compressor having a stirling cycle engine. 4,532,767, 8-6-85, Cl. 60-525.000.

Watanabe, Tetsuo: *See*—
- Kurihara, Masaru; Watanabe, Tetsuo; and Inoue, Tetsuo, 4,557,949, Cl. 427-244.000.

Watanabe, Tetsuro: *See*—
- Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,583, Cl. 71-86.000.
- Takematsu, Tetsuo; Konnai, Makoto; Tachibana, Kunitaka; Tsuruoka, Takashi; Inouye, Shigeharu; and Watanabe, Tetsuro, 4,552,584, Cl. 71-86.000.

Watanabe, Tetsuya: *See*—
- Nakamura, Toshiro; and Watanabe, Tetsuya, 4,510,699, Cl. 36-43.000.

Watanabe, Tomonari: *See*—
- Fukuoka, Shinsuke; Chono, Masazumi; Watanabe, Tomonari; and Kohno, Masashi, 4,547,322, Cl. 260-453.00P.
- Fukuoka, Shinsuke; and Watanabe, Tomonari, 4,552,974, Cl. 560-25.000.

Watanabe, Tomoyuki: *See*—
- Shigematsu, Takashi; and Watanabe, Tomoyuki, 4,546,673, Cl. 74-866.000.

Watanabe, Toshiaki; Uenishi, Toshifumi; Sahara, Hiroshi; and Yamaoka, Katsumi, to Sony Corporation. Smoothing circuit for display apparatus. 4,544,922, 10-1-85, Cl. 340-728.000.

Watanabe, Toshihiko: *See*—
- Abe, Fumitaka; Kimura, Masatoshi; Watanabe, Toshihiko; and Yamada, Hiroshi, 4,540,272, Cl. 355-4.000.
- Murase, Kazuo; Watanabe, Toshihiko; Takeuchi, Naoki; and Maruyama, Tokuji, 4,503,316, Cl. 219-130.320.

Watanabe, Toshimitu; Sakai, Masayuki; Minami, Kazutoshi; and Takumi, Shigeji, to Toyota Jidosha Kabushiki Kaisha. Vehicle air duct construction using center console box. 4,512,239, 4-23-85, Cl. 98-2.030.

Watanabe, Toshio: *See*—
- Inokawa, Michio; Watanabe, Minoru; Miyasaka, Yoshiteru; and Watanabe, Toshio, 4,545,292, Cl. 98-42.210.
- Motomura, Minoru; Shibata, Kiyoshi; Watanabe, Toshio; and Ohata, Yousuke, 4,521,102, Cl. 355-14.0CU.
- Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.

Watanabe, Toshiro: *See*—
- Ohkoshi, Akio; Toyama, Takashi; and Watanabe, Toshiro, 4,533,850, Cl. 313-36.000.

Watanabe, Toshiyasu: *See*—
- Isogai, Nobuo; Okawa, Takashi; Hosokawa, Motoyuki; Wakui, Nastuko; and Watanabe, Toshiyasu, 4,552,986, Cl. 568-902.000.

Watanabe, Toshiyuki: *See*—
- Ichijima, Seiji; and Watanabe, Toshiyuki, 4,522,915, Cl. 430-505.000.
- Kato, Hirohiko; Ichijima, Seiji; Adachi, Koichi; and Watanabe, Toshiyuki, 4,536,472, Cl. 430-505.000.
- Tomita, Naotaka; and Watanabe, Toshiyuki, 4,532,807, Cl. 73-602.000.

Watanabe, Tsukasa, to Yamamura Glass Kabushiki Kaisha. Apparatus for detecting faults in transparent objects. 4,547,067, 10-15-85, Cl. 356-239.000.

Watanabe, Tsutomu: *See*—
- Hara, Tomihiro; Adaniya, Takeshi; Sagiyama, Masaru; Watanabe, Tsutomu; Shimoma, Takashi; and Nabatame, Masaru, 4,543,300, Cl. 428-610.000.
- Tani, Kozaburo; and Watanabe, Tsutomu, 4,559,526, Cl. 340-539.000.

Watanabe, Tuyoshi: *See*—
- Fujii, Hiroshi; Okamoto, Akito; and Watanabe, Tuyoshi, 4,504,919, Cl. 364-478.000.

Watanabe, Yasuaki, to Victor Company of Japan, Ltd. Dropout compensation and chrominance subcarrier frequency conversion circuit in a video signal reproducing apparatus. 4,541,018, 9-10-85, Cl. 358-314.000.

Watanabe, Yasuaki, to Victor Company of Japan, Ltd. Color video signal processing circuit for performing level control and time axis deviation compensation. 4,549,225, 10-22-85, Cl. 358-316.000.

Watanabe, Yasuo: *See*—
- Hashimoto, Mitsuo; Watanabe, Yasuo; Mama, Fumio; and Odan, Akinori, 4,559,007, Cl. 431-4.000.

Watanabe, Yasushi; Suzuki, Yuichi; Nagata, Yukihiro; and Hoshino, Kiyotaka, to Furukawa Electric Co., Ltd., The; and Furukawa Battery Co., Ltd., The. Apparatus for continuous manufacturing lead or lead alloy strip. 4,498,519, 2-12-85, Cl. 164-417.000.

Watanabe, Yoichi: *See*—
- Ogino, Takao; Watanabe, Yoichi; and Sano, Shigehisa, 4,520,857, Cl. 152-527.000.

Watanabe, Yoshiaki: *See*—
- Adachi, Takashi; Morimoto, Shigeo; Takahashi, Yoko; Watanabe, Yoshiaki; and Omura, Sadafumi, 4,496,717, Cl. 536-7.200.

  - Tanabe, Zenichi; Itoh, Katsuhisa; and Watanabe, Yoshiaki, 4,521,284, Cl. 204-71.000.
- Watanabe, Yoshihachi: *See—*
  - Makisumi, Yasuo; Murabayashi, Akira; Tawara, Katsuya; Watanabe, Yoshihachi; and Takahashi, Toshio, 4,535,088, Cl. 514-370.000.
- Watanabe, Yoshihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic depositing/dispensing apparatus. 4,533,824, 8-6-85, Cl. 235-379.000.
- Watanabe, Yoshihiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic bank note transaction apparatus. 4,542,287, 9-17-85, Cl. 235-379.000.
- Watanabe, Yoshikazu: *See—*
  - Menjo, Hiroshi; and Watanabe, Yoshikazu, 4,500,633, Cl. 430-505.000.
- Watanabe, Yoshimi: *See—*
  - Maruyama, Jisaburou; Fukayama, Sumio; Miyake, Masanobu; Watanabe, Yoshimi; and Eguchi, Yoshinori, 4,536,676, Cl. 313-318.000.
- Watanabe, Yoshinori, to Kyowa Kikai Kogyo Kabushiki Kaisha. Water turbine and brush head using the water turbine for cleaning pipes. 4,531,250, 7-30-85, Cl. 15-104.120.
- Watanabe, Yoshio; and Iyama, Hiroyuki, to Hitachi Lighting, Ltd. Discharge lamp lighting device. 4,503,359, 3-5-85, Cl. 315-105.000.
- Watanabe, Yoshio: *See—*
  - Hayakawa, Kizo; Mori, Nobuyuki; Watanabe, Yoshio; and Nakashima, Kazumi, 4,532,898, Cl. 123-276.000.
- Watanabe, Yoshitaka; and Endo, Takashi, to Canon Kabushiki Kaisha. Liquid jet recording apparatus. 4,544,931, 10-1-85, Cl. 346-140.00R.
- Watanabe, Yoshitaka: *See—*
  - Sato, Yuichi; Sakurada, Nobuaki; Kawamura, Hideaki; and Watanabe, Yoshitaka, 4,560,997, Cl. 346-140.00R.
- Watanabe, Yosio. Ruler device for use in marking-off. 4,553,327, 11-19-85, Cl. 33-32.00B.
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- Watanabe, Yukinobu. Cylindrical fuse. 4,520,338, 5-28-85, Cl. 337-297.000.
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  - Matsuzaki, Isokazu; Yamagiwa, Akira; Watanabe, Yutaka; Matsumoto, Takashi; and Yabe, Katsumi, 4,516,039, Cl. 307-455.000.
- Watanuki, Yoshio: *See—*
  - Mochida, Haruo; and Watanuki, Yoshio, 4,526,057, Cl. 74-501.00R.
- Watarai, Shumei: *See—*
  - Nakamura, Yoichi; Watarai, Shumei; and Matsuo, Shohta, 4,533,602, Cl. 428-447.000.
- Watari, Hiromichi: *See—*
  - Mattedi, Bruno A.; and Watari, Hiromichi, 4,562,553, Cl. 364-745.000.
- Watari, Yoshio, to Hitachi, Ltd. Nuclear reactor power control system. 4,548,784, 10-22-85, Cl. 376-216.000.
- Watari, Yuuzi: *See—*
  - Muramatsu, Kazuhiro; Watari, Yuuzi; Tajima, Masaru; and Nakaju, Isamu, 4,552,754, Cl. 424-70.000.
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  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
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- Watatani, Seiji: *See—*
  - Akahane, Naoto; Yamaguchi, Yoshitake; Matsuura, Takeshi; and Watatani, Seiji, 4,561,034, Cl. 360-134.000.
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- Wataya, Hideji: *See—*
  - Yamamoto, Shigeo; Tanimizu, Makoto; Shirakawa, Kenzo; and Wataya, Hideji, 4,559,456, Cl. 307-66.000.
- Wataya, Seiji: *See—*
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- Watchorn, Ernest W., to Confloat Consulting Ltd. Buoyant concrete foundation and method therefor. 4,548,153, 10-22-85, Cl. 114-267.000.
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  - Mathews, Lester R.; and Galvin, Jay, 4,561,134, Cl. 4-496.000.
- Water Engineering and Plant Construction GtA reg. Trust: *See—*
  - Zimmer, Erich, 4,540,491, Cl. 210-619.000.
- Water & Industrial Waste Laboratories, Inc.: *See—*
  - Nugent, James E., 4,526,687, Cl. 210-202.000.
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- Water Jet Corporation: *See—*
  - Meisenheimer, William L., 4,560,838, Cl. 179-81.00R.
- Water Marketers, Inc.: *See—*
  - Winer, Steven, 4,528,093, Cl. 210-96.200.
- Water Services of America, Inc.: *See—*
  - Baron, Walter J., 4,506,703, Cl. 137-625.430.
  - Baron, Walter J., 4,508,164, Cl. 165-95.000.
  - Baron, Walter J., 4,520,847, Cl. 137-625.430.
  - Baron, Walter J., 4,543,996, Cl. 137-625.430.
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  - Baron, Walter J.; and Cleaver, Laird C., 4,552,207, Cl. 165-95.000.
  - Baron, Walter J., 4,561,495, Cl. 165-95.000.
  - Heizer, Ray T., 4,553,396, Cl. 60-648.000.
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  - Chandler, James W.; and Chandler, William D., 4,515,692, Cl. 210-278.000.
- Waterbury, L. David, to Syntex (U.S.A.) Inc. Treatment and prevention of ocular hypertension. 4,558,066, 12-10-85, Cl. 514-422.000.
- Waterman, David K., to Rohrback Corporation. Retriever tool. 4,537,071, 8-27-85, Cl. 73-432.00R.
- Waterman, George W.; and Dionne, Arthur F., to Standex International Corporation. Tree stand. 4,496,129, 1-29-85, Cl. 248-527.000.
- Waterman, Harold J., Jr., to Colt Industries Operating Corp. Rifle buttstock assembly. 4,512,101, 4-23-85, Cl. 42-71.00R.
- Waterman, Harold J., Jr.: *See—*
  - Bredbury, Seth K.; and Waterman, Harold J., Jr., 4,536,982, Cl. 42-71.00R.
- Waterman, Jon N.: *See—*
  - Smith, Stanley B., Jr.; Schleicher, Robert G.; and Waterman, Jon N., 4,531,836, Cl. 356-316.000.
- Waterman, Raymond C., Jr.: *See—*
  - Galani, Zvi; and Waterman, Raymond C., Jr., 4,510,463, Cl. 331-15.000.
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- Watermann, Willy; and Hachenberg, Winfried, to Klockner-Becorit GmbH. Shield-type support frame. 4,557,635, 12-10-85, Cl. 405-296.000.
- Waters, Brian R.: *See—*
  - Reid, Paul I.; and Waters, Brian R., 4,503,177, Cl. 524-87.000.
- Waters, Deryl P. Removable fence for table saw. 4,521,006, 6-4-85, Cl. 269-304.000.
- Waters, Donald D.: *See—*
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  - Beaver, Richard N.; Evans, Kenneth R.; and Waters, Donald D., 4,557,810, Cl. 204-98.000.
- Waters, Dudley G. Ventilator for a lavatory pan. 4,551,865, 11-12-85, Cl. 4-213.000.
- Waters, Edwin R.: *See—*
  - Dyce, John W.; Waters, Edwin R.; and Sherwood, Cy E., 4,517,740, Cl. 29-857.000.
- Waters, Gary A.: *See—*
  - Cuomo, Jerome J.; Harper, James M. E.; and Waters, Gary A., 4,538,067, Cl. 250-396.00R.
- Waters, George F., to Codman & Shurtleff, Inc. Automatic magnification changer for a surgical microscope. 4,518,223, 5-21-85, Cl. 350-254.000.
- Waters, George F., to Codman & Shurtleff, Inc. Mounting assembly for synchronized adjustment of multiple microscope housing. 4,530,577, 7-23-85, Cl. 350-513.000.
- Waters, James R., to Mead Corporation, The. Dandy roll for manufacturing paper having simulated oxford cloth watermark and related method for papermaking. 4,526,652, 7-2-85, Cl. 162-110.000.
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- Waters, John H.: *See—*
  - Bishop, Christopher J.; Cumner, Geoffrey M.; and Waters, John H., 4,548,527, Cl. 405-294.000.
- Waters, Paul F.: *See—*
  - Hadermann, Albert F.; Trippe, Jerry C.; and Waters, Paul F., 4,501,828, Cl. 523-309.000.
- Waters, Robert F.: *See—*
  - Connolly, John F.; Wennerberg, Arnold N.; and Waters, Robert F., 4,513,096, Cl. 502-185.000.
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  - Littmann, Robert J., 4,532,045, Cl. 210-668.000.
- Waterstrat, Richard M., to American Dental Association Health Foundation. Arc furnace for the production of small investment castings of reactive or refractory metals such as titanium. 4,538,671, 9-3-85, Cl. 164-514.000.
- Waterstreet, William E.: *See—*
  - Fischer, David L.; and Waterstreet, William E., 4,494,741, Cl. 270-39.000.
- Waterton, John C.: *See—*
  - Radda, George K.; Waterton, John C.; and Gadian, David G., 4,528,509, Cl. 324-309.000.
- Waterworth, Philip D.: *See—*
  - Powell, Roger M.; Marshall, Steven; and Waterworth, Philip D., 4,530,202, Cl. 53-426.000.
- Watkins, Bruce J., to Hughes Tool Company. Tendon latch. 4,491,439, 1-1-85, Cl. 405-224.000.
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- Watkins, Charles W., to Tuftco Corporation. Low pile needle plate for a tufting machine. 4,503,787, 3-12-85, Cl. 112-79.00R.

- Watkins, Charles W., to Tuftco Corporation. Sculptured high-low cut pile tufting method and apparatus. 4,557,209, 12-10-85, Cl. 112-266.200.
- Watkins, Charles W.: *See—*
  - Densmore, John C.; and Watkins, Charles W., 4,509,439, Cl. 112-79.00R.
- Watkins, David R.; and Kalfayan, Leonard J., to Union Oil Company of California. Method for maintaining the permeability of fines-containing formations. 4,498,538, 2-12-85, Cl. 166-295.000.
- Watkins, David R.; Knight, Robert K.; Young, Donald C.; and Kalfayan, Leonard J., to Union Oil Company of California. Treating fines-containing earthen formations. 4,549,609, 10-29-85, Cl. 166-303.000.
- Watkins, Dennis W., to Air Sensors, Inc. Apparatus and method for tensioning resistive wire. 4,517,735, 5-21-85, Cl. 29-621.000.
- Watkins, Dennis W., to Air Sensors, Inc. Hot wire anemometer. 4,523,461, 6-18-85, Cl. 73-204.000.
- Watkins, James D., to Golden Valley Foods Inc. Method for increasing the volumetric yield of microwave cooked popcorn. 4,548,826, 10-22-85, Cl. 426-394.000.
- Watkins Johnson Company: *See—*
  - Roberts, John E., 4,547,755, Cl. 333-246.000.
- Watkins, Jonathan, to Watkins Manufacturing Co. Means providing moving water stream ejecting into spa tank. 4,523,340, 6-18-85, Cl. 4-542.000.
- Watkins, Jonathan, to Watkins Manufacturing Co. Spa filter installation method and means. 4,533,476, 8-6-85, Cl. 210-805.000.
- Watkins, Joseph J.: *See—*
  - Jackson, Winston J., Jr.; Kuhfuss, Herbert F.; and Watkins, Joseph J., 4,539,390, Cl. 528-303.000.
  - Jackson, Winston J., Jr.; and Watkins, Joseph J., 4,554,343, Cl. 528-274.000.
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- Watkins, Kenneth R.: *See—*
  - Randolph, Donald A.; and Watkins, Kenneth R., 4,520,073, Cl. 428-405.000.
- Watkins Manufacturing Co.: *See—*
  - Watkins, Jonathan, 4,523,340, Cl. 4-542.000.
  - Watkins, Jonathan, 4,533,476, Cl. 210-805.000.
- Watkins, Nathan L., Sr. Sow-operated feed stall. 4,503,809, 3-12-85, Cl. 119-27.000.
- Watkins, Paul; and Scott, John W., to British Industrial Sand Limited. Chemical treatment of sand. 4,542,003, 9-17-85, Cl. 423-340.000.
- Watkins, Randy W.; Bell, Robert J.; Martorano, Joseph A.; and Essinger, Walter F., to Sigmatron Nova, Inc. System for displaying information with multiple shades of a color on a thin-film EL matrix display panel. 4,559,535, 12-17-85, Cl. 340-793.000.
- Watkins, Richard L., to Gates Data Products, Inc. Conductive elastomeric ink composition. 4,518,833, 5-21-85, Cl. 200-5.00A.
- Watkins, William L. H.: *See—*
  - Gandhi, Haren S.; and Watkins, William L. H., 4,499,863, Cl. 123-3.000.
- Watkiss Automation Limited: *See—*
  - Watkiss, Christopher R.; and Watkiss, Michael C., 4,537,391, Cl. 271-101.000.
- Watkiss, Christopher R.; and Watkiss, Michael C., to Watkiss Automation Limited. Rotary collating and/or inserting machines and method of collating and/or inserting sheet material. 4,537,391, 8-27-85, Cl. 271-101.000.
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- Watling, Robert E.: *See—*
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- Watlow Electric Manufacturing Company: *See—*
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- Watney, Dale K.: *See—*
  - Houchens, Albert F.; Cleveland, Dixon; Decina, Basil A., Jr.; Watney, Dale K.; Havens, James R.; and Nagel, Gregory L., 4,493,965, Cl. 219-109.000.
- Watney, John D.: *See—*
  - Walters, William F.; Lammerich, Kurt; and Watney, John D., 4,520,746, Cl. 114-69.000.
- Watrous, Howard N.; Cash, Walter, Jr.; and Dixon, Weldon R., to Procter & Gamble Company, The. Positive control stacker. 4,547,114, 10-15-85, Cl. 414-81.000.
- Watrous, Robert B., to International Business Machines Corporation. Magnetic head slider and actuator assembly. 4,506,307, 3-19-85, Cl. 360-106.000.
- Watson Bowman Associates: *See—*
  - Watson, Stewart C., 4,524,174, Cl. 524-566.000.
- Watson, Brian W.: *See—*
  - Bond, Kevin; and Watson, Brian W., 4,516,132, Cl. 343-815.000.
- Watson, Bruce R., to General Electric Company. Method for slitting amorphous metal. 4,549,679, 10-29-85, Cl. 225-2.000.
- Watson, Calvin R.: *See—*
  - Sherman, Ralph A., II; and Watson, Calvin R., 4,535,929, Cl. 229-39.00R.
- Watson, Charles K.: *See—*
  - Muhs, Harvey P., Jr.; and Watson, Charles K., 4,499,474, Cl. 343-771.000.
- Watson, Clifford A.: *See—*
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- Watson, Craig V.: *See—*
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- Watson, David B.: *See—*
  - Anderson, Gene S.; and Watson, David B., 4,552,432, Cl. 350-96.230.
- Watson, David R.; Carithers, Val G.; and McDaniel, L. Thomas, to Reynolds Metals Company. Aluminosilicate ceramic proppant for gas and oil well fracturing and method of forming same. 4,555,493, 11-26-85, Cl. 501-127.000.
- Watson, Donald A.: *See—*
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- Watson, Francis M., to Honeywell Ltd. Skylight sensor and control system. 4,538,218, 8-27-85, Cl. 362-802.000.
- Watson, George H.; McWhorter, David B.; and Brown, Adrian, to Standard Oil Company (Indiana). Disposal of spent oil shale and other materials. 4,529,497, 7-16-85, Cl. 208-11.00R.
- Watson Industries, Inc.: *See—*
  - Watson, William S., 4,511,848, Cl. 329-50.000.
- Watson, Ira L.; and Watson, Craig V. Bow sight. 4,532,717, 8-6-85, Cl. 33-265.000.
- Watson, James M.; and Bailey, Darrell E., to Cosden Technology, Inc. Apparatus for the production of vinyltoluene. 4,492,675, 1-8-85, Cl. 422-187.000.
- Watson, James M.; Butler, James R.; and Forward, Cleve H., to Cosden Technology, Inc. Alkylation of aromatics employing silicalite catalysts. 4,520,220, 5-28-85, Cl. 585-467.000.
- Watson, James M.; and Bailey, Darrell E., to Cosden Technology, Inc. Process for the production of vinyltoluene. 4,558,169, 12-10-85, Cl. 585-440.000.
- Watson, James M.: *See—*
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- Watson, John D., Sr.; and Rhodes, Billie B., to Dow Chemical Company, The. Brine saturator method of operation. 4,528,168, 7-9-85, Cl. 423-184.000.
- Watson, Keith G.: *See—*
  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; and Farquharson, Graeme J., 4,511,391, Cl. 71-88.000.
  - Serban, Alexander; Watson, Keith G.; Bird, Graham J.; Farquharson, Graeme J.; and Houston, Timothy L., 4,555,263, Cl. 71-98.000.
- Watson, Kenneth, to Westland plc. Helicopter rotors. 4,496,284, 1-29-85, Cl. 416-138.000.
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- Watson Machine Company, The: *See—*
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- Watson, Richard R., to Gilmore Valve Company. Shear valve. 4,493,335, 1-15-85, Cl. 137-116.300.
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- Watson, Ronald E.: *See—*
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- Watson, Stewart C., to Watson Bowman Associates. Reinforced elastomer products. 4,524,174, 6-18-85, Cl. 524-566.000.
- Watson, Susan S.; and Watson, William K. R., to American Hospital Supply Corporation. Heat source providing a substantially constant temperature. 4,533,483, 8-6-85, Cl. 252-70.000.
- Watson, Thomas A.; and Watson, Philip. Balanced stress vertical axis wind turbine. 4,525,124, 6-25-85, Cl. 416-132.00B.
- Watson, Virgil A., to Metromail Corporation. Paper sheet separator. 4,531,723, 7-30-85, Cl. 271-14.000.
- Watson, W. Keith R. Well pipe perforation detector. 4,525,815, 6-25-85, Cl. 367-35.000.
- Watson, William A., to Rogers Corporation. Decoupling capacitor and method of manufacture thereof. 4,494,169, 1-15-85, Cl. 361-306.000.
- Watson, William K. Airship-floated wind turbine. 4,491,739, 1-1-85, Cl. 290-44.000.
- Watson, William K. R.: *See—*
  - Watson, Susan S.; and Watson, William K. R., 4,533,483, Cl. 252-70.000.
- Watson, William S., to Watson Industries, Inc. Synchronous AM demodulator with quadrature signal cancellation. 4,511,848, 4-16-85, Cl. 329-50.000.
- Watt, Allan E. Air cooled ice rink construction. 4,513,583, 4-30-85, Cl. 62-235.000.
- Watt, Brian J.: *See—*
  - Chen, Jade; Birdy, Jal N.; and Watt, Brian J., 4,537,532, Cl. 405-217.000.
- Watt, Bryan K.: *See—*
  - Peyton, John J.; and Watt, Bryan K., 4,501,365, Cl. 209-548.000.
  - Peyton, John J.; and Watt, Bryan K., 4,509,081, Cl. 358-225.000.
  - Peyton, John J.; and Watt, Bryan K., 4,546,247, Cl. 250-223.00B.
- Watt, James. Rotary proportioning inhalator. 4,554,916, 11-26-85, Cl. 128-203.120.

Watt, Peter B.; and Sharman, Richard A., to Eastman Kodak Company. Optical beam splitters. 4,541,688, 9-17-85, Cl. 350-171.000.

Wattenhofer, Jean-Pierre, to Asulab S.A. Non-linear counting circuit. 4,539,694, 9-3-85, Cl. 377-42.000.

Watters, James M.; and Clement, Donald E., to Northern Telecom Limited. Keyboard security for a telephone attendant console. 4,562,310, 12-31-85, Cl. 179-100.00R.

Watters, Wayde H., to Red Dot Corporation. Multimodal pressure switch. 4,493,957, 1-15-85, Cl. 200-81.00R.

Watthey, Jeffrey W. H., to Ciba-Geigy Corporation. Tetracyclic heterocycles and antidepressant compositions thereof. 4,515,792, 5-7-85, Cl. 514-214.000.

Watthey, Jeffrey W. H., to Ciba-Geigy Corporation. Certain benzazocinone and benzazoninone derivatives. 4,537,885, 8-27-85, Cl. 514-183.000.

Wattier, Maurice F., to Equipements Automobiles Marchal. Windscreen wiper system. 4,512,056, 4-23-85, Cl. 15-250.230.

Wattiez, Daniel; and Hennion, Jean-Claude, to Institut Textile de France. Element permitting to wash different textile articles in the same bath and washing method using said element. 4,494,264, 1-22-85, Cl. 8-150.000.

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Wattimena, Freddy; and Heijmen, Hendricus J., to Shell Oil Company. Process for the preparation of aldehydes. 4,521,630, 6-4-85, Cl. 568-435.000.

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Watts, Claude H. Process for manufacturing shell molds. 4,533,394, 8-6-85, Cl. 106-38.200.

Watts, David. Playpen. 4,493,120, 1-15-85, Cl. 5-99.00B.

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- Blaney, Francis E.; Hadley, Michael S.; King, Francis D.; and Watts, Eric A., 4,533,498, Cl. 260-243.300.

Watts, George T.; and Thaden, Theron J., to Goodyear Tire & Rubber Company, The. Tire packaging. 4,550,827, 11-5-85, Cl. 206-304.000.

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- Evans, Vaughn R.; Harris, Richard H.; Thorpe, Allan C.; and Watts, John E., 4,561,790, Cl. 400-124.000.

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- Sanderson, John R.; Watts, Lewis W., Jr.; and Renken, Terry L., 4,517,374, Cl. 549-533.000.
- Sanderson, John R.; Watts, Lewis W., Jr.; Vanderpool, Steven H.; and Renken, Terry L., 4,521,609, Cl. 549-533.000.
- Sanderson, John R.; and Watts, Lewis W., Jr., 4,528,396, Cl. 560-256.000.
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Waugh, John B. S., to LASERstore, Ltd. Cassette apparatus for storing light sensitive, heat developable film. 4,552,322, 11-12-85, Cl. 242-198.000.

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Waukee Engineering Company: *See—*
- Stenzel, Wallace I.; and Payne, Kenneth R., 4,550,314, Cl. 340-623.000.

Waukesha Cutting Tools, Inc.: *See—*
- Orth, Eugene C.; and Ebenhoch, Sebastian, 4,500,234, Cl. 408-206.000.

Wauters, Ronald P.: *See—*
- Bannon, Glen M.; Hardie-Muncy, Darlene A.; and Wauters, Ronald P., 4,530,848, Cl. 426-293.000.

Wave, Larry E.; and Woods, Richard S., to Sanity Saver Cap Company. Sewer line backup detection, alarm and detention apparatus. 4,546,346, 10-8-85, Cl. 340-608.000.

Wavin B.V.: *See—*
- Herder, Kornelis, 4,561,107, Cl. 383-37.000.
- Laarhoven, Johannes J.; van Dongeren, Jan P.; de Wit, Hendrik; and Smeets, Louis M., 4,492,867, Cl. 250-341.000.
- Leloux, Arnoldus W. J., 4,517,868, Cl. 83-54.000.
- Leloux, Arnoldus W. J., 4,534,184, Cl. 62-376.000.
- Loefberg, Gustaf G., 4,491,959, Cl. 383-103.000.
- Nielsen, Uffe D., 4,502,533, Cl. 165-154.000.
- Stoffelsma, Jan U., 4,495,128, Cl. 264-211.000.
- van Eerden, Piet, 4,555,884, Cl. 52-397.000.

Wawra, Helmut; and Schuliers, Wolfgang, to Daimler-Benz Aktiengesellschaft. Electrically conducting connector for mutually rotatable components. 4,502,746, 3-5-85, Cl. 339-3.00S.

Waxman, Jay, to JayVol Inc. Chest for storing, heating and dispensing articles. 4,526,292, 7-2-85, Cl. 221-97.000.

Waxman, Jay S.: *See—*
- Gutner, Kenneth H.; and Waxman, Jay S., 4,501,453, Cl. 308-3.600.

Waxman, Monroe H.: *See—*
- Closmann, Philip J.; Waxman, Monroe H.; and Deeds, Charles T., 4,514,283, Cl. 208-86.000.

Way, James, to Nitrotec Corporation. Method of and arrangement for enriching the nitrogen content of an effluent gas in a pressure swing adsorption system. 4,560,393, 12-24-85, Cl. 55-5.000.

Wayland, Paul O., to Westinghouse Electric Corp. Arc resistant vapor condensing shield for vacuum-type circuit interrupter. 4,553,007, 11-12-85, Cl. 200-144.00B.

Wayman, Robert W.; Kawamoto, Mutsumi; and Sakakibara, Shiro, to Aisin Warner Kabushiki Kaisha. Torque ratio control device for a V-belt type continuously variable transmission. 4,548,099, 10-22-85, Cl. 74-689.000.

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- Brewington, Grace T.; Bolte, Steven B.; Hays, Dan; and Wayman, William H., 4,505,573, Cl. 355-3.0DD.
- Hays, Dan A.; and Wayman, William H., 4,545,669, Cl. 355-3.00R.

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- Wright, Clem B., 4,513,984, Cl. 280-43.230.

Waymire, Frank, to Union Power Construction Company. Apparatus and method for stringing center cables on power towers. 4,494,732, 1-22-85, Cl. 254-134.30R.

Waynant, Ronald W.; Epp, Leonard; and Christensen, Clad P., Jr. Laser pumped by X-band microwaves. 4,513,424, 4-23-85, Cl. 372-68.000.

Wayne Automation Corp.: *See—*
- Johnson, A. David, Jr.; Bachman, Joseph L., Jr.; Ginther, George E., Sr.; Zimmermann, Charles E.; and Johnson, Albert D., Sr., 4,551,126, Cl. 493-453.000.

Wayne H. Coloney Company, Inc.: *See—*
- Pollock, Stephen F., 4,509,401, Cl. 86-48.000.

Wayne, Robert J.; Laughman, Lanny M.; Mongeon, Robert J.; and Chenausky, Peter P., to United States of America, Army. Modulated infrared laser with two coupled cavities. 4,498,179, 2-5-85, Cl. 372-27.000.

Wayne, Robert J.; Henschke, Robert W.; and Mongeon, Robert J., to United States of America, Army. Programmable multifunction laser. 4,528,668, 7-9-85, Cl. 372-26.000.

Wayne State University: *See—*
- Brooks, Samuel C.; and Horwitz, Jerome P., 4,496,555, Cl. 514-182.000.

Wayson, Alan R.: *See—*
- Acitelli, Mario A.; Tynan, Richard F.; and Wayson, Alan R., 4,540,595, Cl. 427-7.000.

Waz, John J.: *See—*
- Petric, Paul F.; Foley, Michael [illegible]; Waz, John J.; and Milgate, Robert W., III, 4,560,880, Cl. 250-441.100.

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Weadock, Glenn E., to Wetzel Enterprises, Inc. Solar powered fluid heating system. 4,512,157, 4-23-85, Cl. 60-641.800.

Weale, Susan G.: *See—*
- Meinershagen, Charles I.; and Weale, Susan G., 4,526,423, Cl. 297-440.000.

Wean United, Inc.: *See—*
- George, David W., 4,505,771, Cl. 156-285.000.
- Kerr, Robert L., 4,553,245, Cl. 373-74.000.

Wearden, Sydney; and Gatley, John A., to British Nuclear Fuels Limited. Transport and storage flask for nuclear fuel. 4,532,104, 7-30-85, Cl. 376-272.000.

Wears, Leonard. Rod bending and cutting apparatus. 4,561,279, 12-31-85, Cl. 72-218.000.

Weatherby, David E., to Schnabel Foundation Company. Earth retaining method. 4,561,804, 12-31-85, Cl. 405-262.000.

Weatherby, Inc.: *See—*
- Jennie, Fred, 4,516,466, Cl. 89-145.000.

Weatherchem Corporation: *See—*
- Hickman, John R.; Kriska, Nicholas J.; Brechtelsbauer, Jeffrey H.; Mediate, Bruno A.; and Rotheiser, Jordan I., 4,541,541, Cl. 220-253.000.

- Weatherford Oil Tool GmbH: *See—*
  - Reinholdt, Bernd; and Bock, Hans-Christian, 4,492,134, Cl. 81-57.340.
- Weatherholt, Floyd V. Gauge wheel conversion arrangement. 4,534,417, 8-13-85, Cl. 172-536.000.
- Weatherholt, Philip. Method and apparatus for cleaning and testing heat exchangers. 4,492,113, 1-8-85, Cl. 73-118.000.
- Weatherley, Mark J.: *See—*
  - Bell, Vivien L.; Ferguson, Ian J.; and Weatherley, Mark J., 4,547,444, Cl. 430-11.000.
- Weatherly, Darrel: *See—*
  - Cockburn, Harrold; Weatherly, Darrel; and Yarbro, Earl, 4,509,468, Cl. 123-90.380.
- Weatherly, Gilbert; and Slade, A. MacDonald, to MAC/GIL Ltd. Method for bonding webs employing ultrasonic energy. 4,501,782, 2-26-85, Cl. 428-57.000.
- Weatherly, John D.: *See—*
  - Brookes, David L.; Weatherly, John D.; and Dillicar, Colin R., 4,516,770, Cl. 273-11.00R.
- Weatherly, Merle H.: *See—*
  - Keshavan, Madapusi K.; and Weatherly, Merle H., 4,526,618, Cl. 106-1.050.
- Weathers, Glenn D.; and Holliday, Edward M., to United States of America, Army. Group-complementary code sets for implementing pulse-compression processing with optimum aperiodic autocorrelation and optimum cross-correlation properties. 4,513,288, 4-23-85, Cl. 343-17.2PC.
- Weaver, Charles A.; and Stephens, Joseph W., to RCA Corporation. Apparatus and method for automatically controlling an extruder for thermoplastic material. 4,510,104, 4-9-85, Cl. 264-40.700.
- Weaver, Charles S., to SRI International. Method and apparatus for digital data compression. 4,503,510, 3-5-85, Cl. 364-715.000.
- Weaver, Charles S., to Digital Recording Research Limited Partnership. Method and apparatus for digital Huffman decoding. 4,535,320, 8-13-85, Cl. 340-347.0DD.
- Weaver, Charles S.; LeBlanc, Robert A.; and Sweeney, Lawrence E., Jr., to Digital Recording Research Limited Partnership. Data compression method and apparatus. 4,546,342, 10-8-85, Cl. 340-347.0DD.
- Weaver, David E., to B. F. Goodrich Company, The. Process for preparing stable poly(vinylidene halide) latices. 4,507,425, 3-26-85, Cl. 524-460.000.
- Weaver, Delbert J.; and Weaver, Kevin D. Audio adapter for sewing machine. 4,541,805, 9-17-85, Cl. 434-95.000.
- Weaver, Ebon P., to Uniroyal, Inc. Compositions of ionic elastomer and nylon. 4,529,776, 7-16-85, Cl. 525-184.000.
- Weaver, Frank C., to Stewart-Warner Corporation. Vehicle speed sensor. 4,560,365, 12-24-85, Cl. 464-52.000.
- Weaver, Frederick R., Jr., to AT&T Technologies, Inc. Methods of and apparatus for polishing an end portion of a terminated lightguide fiber. 4,539,776, 9-10-85, Cl. 51-156.000.
- Weaver, George R.: *See—*
  - von Lersner, Wolf A.; Cheeseman, Edward W.; Simpson, Thomas K.; and Weaver, George R., 4,554,955, Cl. 141-1.000.
- Weaver, Gregory A.: *See—*
  - Weaver, Richard T.; and Weaver, Gregory A., 4,510,879, Cl. 114-162.000.
- Weaver, Harry R.: *See—*
  - Ammon, J. Preston; Weaver, Harry R.; and Evans, Evan J., 4,506,438, Cl. 29-739.000.
- Weaver, Henry; and Pawlush, Joseph C., to Meadowcraft Inc. Explosive shaping of metal tubing. 4,492,104, 1-8-85, Cl. 72-56.000.
- Weaver, James B. Semirecumbent tandem bicycle. 4,502,705, 3-5-85, Cl. 280-231.000.
- Weaver, Jimmie D.; Harris, Lawrence E.; and Harms, Weldon M., to Halliburton Company. Polymeric well treating method. 4,532,052, 7-30-85, Cl. 252-8.55R.
- Weaver, Joe T. Wear resistant pump valve. 4,518,329, 5-21-85, Cl. 417-566.000.
- Weaver, John R., II; and McClure, Nathaniel D., to General Motors Corporation. Method for more uniformly spacing features in a lateral bipolar transistor. 4,544,940, 10-1-85, Cl. 357-35.000.
- Weaver, Kevin D.: *See—*
  - Weaver, Delbert J.; and Weaver, Kevin D., 4,541,805, Cl. 434-95.000.
- Weaver, Max A.; and Coates, Clarence A., Jr., to Eastman Kodak Company. Azo dyes from 2-amino-5-cyanomethylthio-1,3,4-thiadiazole and aniline and tetrahydroquinoline couplers. 4,528,368, 7-9-85, Cl. 534-768.000.
- Weaver, Max A.; and Giles, Ralph R., to Eastman Kodak Company. Azo dyes from sulfonated 3-amino-2,1-benzisothiazoles with 1,2,3,4-tetrahydroquinoline or 2,3-dihydro-1,4-benzoxazine couplers. 4,530,997, 7-23-85, Cl. 534-768.000.
- Weaver, Max A.; and Fleischer, Jean C., to Eastman Kodak Company. Azo dyes from unsubstituted or substituted 3-amino-pyridine and aryl or heterocyclic couplers. 4,562,248, 12-31-85, Cl. 534-630.000.
- Weaver, Otha G., Jr., to Olin Corporation. 3,4-Disubstituted polypyrroles and articles of manufacture coated therewith. 4,548,696, 10-22-85, Cl. 204-290.00R.
- Weaver, Paul E. Oil well pumping unit. 4,512,149, 4-23-85, Cl. 60-371.000.
- Weaver, Richard A.; Niedzielski, James H.; and Prime, Ronald M., to Prime & Weaver Investment Company. Rotary conveyor apparatus. 4,561,536, 12-31-85, Cl. 198-481.100.
- Weaver, Richard D.: *See—*
  - Hensley, Thomas E.; and Weaver, Richard D., 4,494,701, Cl. 239-585.000.
- Weaver, Richard L. Silo unloading apparatus. 4,534,693, 8-13-85, Cl. 414-307.000.
- Weaver, Richard T.; and Weaver, Gregory A. Anti-cavitation rudder blade. 4,510,879, 4-16-85, Cl. 114-162.000.
- Weaver, Robert F.; and Proctor, Ted G., to Emhart Industries, Inc. Shaded pole synchronous motor. 4,531,072, 7-23-85, Cl. 310-162.000.
- Weaver, Robert L.; Van Gheluwe, Joris E. A.; and McKee, John A., to Molson Companies Limited, The. Neutral tasting alcoholic beverage. 4,495,204, 1-22-85, Cl. 426-16.000.
- Weaver, Russell E.: *See—*
  - Thompson, Lionel D.; Jenkins, Harold E.; Hickerson, Richard A.; and Weaver, Russell E., 4,493,[illegible]03, Cl. 123-357.000.
- Weaver, Stuart: *See—*
  - Billington, Donald G.; Brooker, Reginald D.; Powell, Harry; Walker, Roger; Wilkins, David R. G.; and Weaver, Stuart, 4,552,065, Cl. 101-93.330.
- Weaver, William N., to Illinois Tool Works Inc. Bottle multi-package and multi-packaging device. 4,548,317, 10-22-85, Cl. 206-162.000.
- Weaver, William N.; and Olsen, Robert C., to Illinois Tool Works Inc. Multi-packaging device. 4,557,375, 12-10-85, Cl. 206-151.000.
- Weaver, William R., to Libbey-Owens-Ford Company. Mold structure. 4,561,625, 12-31-85, Cl. 249-85.000.
- Webasto-Werk W. Baier GmbH & Co.: *See—*
  - Bienert, Horst; Kohlpaintner, Georg; and Jardin, Hans, 4,509,791, Cl. 296-216.000.
  - Bienert, Horst; and Lutz, Alfons, 4,531,777, Cl. 296-223.000.
  - Bienert, Horst; and Hirschberger, August, 4,548,439, Cl. 296-223.000.
  - Galtz, Rudiger, 4,519,375, Cl. 126-110.00B.
  - Gruber, Reinhold; and Rathel, Dieter, 4,543,943, Cl. 126-350.00R.
  - Jardin, Hans, 4,537,442, Cl. 296-221.000.
  - Mittmann, Bernd, 4,519,772, Cl. 431-45.000.
  - Nothen, Michael; and Bartsch, Erhard, 4,553,697, Cl. 237-12.30B.
  - Panick, Karl; and Glass, Joseph, 4,496,292, Cl. 417-252.000.
  - Panick, Karl, 4,530,658, Cl. 431-329.000.
  - Vogel, Wolfgang; and Zintler, Albert, 4,556,835, Cl. 318-663.000.
  - Zwicker, Wolfgang, 4,538,985, Cl. 431-262.000.
- Webb, Anthony J.: *See—*
  - Baudoux, Richard; and Webb, Anthony J., 4,515,287, Cl. 220-316.000.
- Webb, Brian C. Pipeline anchor hook. 4,492,493, 1-8-85, Cl. 405-172.000.
- Webb, Carlene M., representative: *See—*
  - Webb, Orlando, Jr., deceased; and Webb, Carlene M., representative, 4,543,237, Cl. 422-62.000.
- Webb, Dale W.: *See—*
  - Malpass, Dennis B.; and Webb, Dale W., 4,547,477, Cl. 502-153.000.
- Webb, David M.; and Lane, Thomas A., to Control Data Corporation. Multi-group LRU resolver. 4,511,994, 4-16-85, Cl. 364-900.000.
- Webb, Derrel D.; and Anderson, Edwin A. Jar mechanism energizer. 4,545,444, 10-8-85, Cl. 175-296.000.
- Webb, Derrel D.: *See—*
  - Anderson, Edwin A.; and Webb, Derrel D., 4,552,230, Cl. 175-321.000.
- Webb, Donald O.: *See—*
  - Gray, David A.; and Webb, Donald O., 4,535,838, Cl. 165-134.00R.
- Webb, Fred C.: *See—*
  - Bruce, Charles W.; Kunkel, Kenneth E.; and Webb, Fred C., 4,506,553, Cl. 73-861.650.
- Webb, George, to United States of America, Air Force. Spacer structure. 4,500,255, 2-19-85, Cl. 415-189.000.
- Webb, Gerald J.: *See—*
  - Hice, Jaxon O.; and Webb, Gerald J., 4,497,844, Cl. 426-643.000.
- Webb, James E.: *See—*
  - Kushmaul, Richard T.; Lafevers, James O.; and Webb, James E., 4,494,743, Cl. 271-11.000.
- Webb, James V., Jr., to Jeweler's Safe Company, Inc. Apparatus for storage and transportation of jewelry display trays. 4,557,201, 12-10-85, Cl. 109-45.000.
- Webb, James W. Plug loader. 4,501,283, 2-26-85, Cl. 131-329.000.
- Webb, Karen K.: *See—*
  - Olson, Daniel R.; and Webb, Karen K., 4,491,508, Cl. 204-159.130.
- Webb, Kenneth L., Jr., to Schnadig Corporation. Blind tacks for upholstered furniture. 4,559,683, 12-24-85, Cl. 29-91.100.
- Webb, Leigh S.: *See—*
  - Older, Geoffrey I.; and Webb, Leigh S., 4,499,740, Cl. 62-374.000.
- Webb, Maurice J., to Victaulic Company of America. Multiple key segmented pipe coupling. 4,522,434, 6-11-85, Cl. 285-112.000.
- Webb, Michael J.; and Johnson, David W., to Northern Telecom Limited. Modular telephone jack. 4,527,856, 7-9-85, Cl. 339-206.00R.
- Webb, Nancy J.: *See—*
  - Smutek, John M.; Wenig, Robert I.; Webb, Nancy J.; and Waisman, Amnon, 4,553,206, Cl. 364-300.000.
- Webb, Nathaniel: *See—*
  - Floyd, William M.; Webb, Nathaniel; and Juzswik, David L., 4,528,662, Cl. 370-92.000.
- Webb, Orlando, Jr., deceased; and by Webb, Carlene M., representative. Apparatus for continuously measuring acid gravity in a hydrocarbon-acid system. 4,543,237, 9-24-85, Cl. 422-62.000.
- Webb, Paul P., to RCA Inc. Double mesa avalanche photodetector. 4,561,007, 12-24-85, Cl. 357-30.000.
- Webb, Paul P.: *See—*
  - Yamazaki, Tsuneo; Faltas, Mervat; and Webb, Paul P., 4,499,483, Cl. 357-30.000.

Webb, Peter J.: *See—*
Baker, Steven S.; Webb, Peter J.; and Clarke, John B., 4,530,102, Cl. 373-105.000.
Webb, Richard, to Misty Vapor, Inc. Fuel saving system for a gasoline engine. 4,513,726, 4-30-85, Cl. 123-523.000.
Webb, Richard L.: *See—*
Murdock, Keith C.; and Webb, Richard L., 4,526,788, Cl. 514-374.000.
Webb, Roger J.: *See—*
Todd, Julian B.; and Webb, Roger J., 4,522,588, Cl. 432-181.000.
Webb, Ronald C.: *See—*
Nelson, Edwin A.; and Webb, Ronald C., 4,540,365, Cl. 433-88.000.
Webb, Scott D.: *See—*
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Webb, Shirley B.: *See—*
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Webb, Stuart F.: *See—*
Embrey, Derek M.; Webb, Stuart F.; Bickford, Ian J.; and Caxton Doss-Desouza, Argus F., 4,554,422, Cl. 200-61.910.
Webb, Terence C.: *See—*
Long, William E.; Smith, Norman A.; Webb, Terence C.; Postle, Stephen R.; McCombe, Kenneth M.; and Grossel, Martin C., 4,560,646, Cl. 430-566.000.
Webb, Tommy W.: *See—*
Van Doorn, Donald W.; Hawkins, James B.; Webb, Tommy W.; and Harmon, William A., Jr., 4,497,085, Cl. 19-80.00R.
Van Doorn, Donald W.; Hawkins, James B.; Carpenter, Francis W., III; Lange, Robert E.; and Webb, Tommy W., 4,550,657, Cl. 100-43.000.
Webb, Vertis C.: *See—*
Dines, David R.; and Webb, Vertis C., 4,512,707, Cl. 414-404.000.
Webb-Waring Lung Institute: *See—*
Filley, Giles F.; and Kindig, Neal B., 4,548,817, Cl. 424-127.000.
Webb, William E.; and Church, Ronald H., to United States of America, Interior. Short range trapped miner locator. 4,491,971, 1-1-85, Cl. 455-100.000.
Webber, Beth A.: *See—*
Roettgen, Leslie A.; Webber, Beth A.; Brooks, Robert M.; and Layman, Robert J., 4,520,767, Cl. 123-41.100.
Webber, George E., to Honeywell Inc. Passive ring resonator angular rate sensor. 4,533,249, 8-6-85, Cl. 356-350.000.
Webber, Gordon E. G.; and Wilson, Alan G., to Cam Gears Limited. Power assisted steering gear. 4,494,446, 1-22-85, Cl. 91-375.00A.
Webber, Gordon E. G.; and Wilson, Alan G., to Cam Gears Limited. Power assisted steering gear. 4,501,191, 2-26-85, Cl. 91-375.00A.
Webber, Hugh C.: *See—*
Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., 4,535,220, Cl. 219-121.0LM.
Cullis, Anthony G.; Webber, Hugh C.; and Chew, Nigel G., 4,556,524, Cl. 264-1.200.
Webeck, Richard R.: *See—*
Brandyberry, Robert E.; Forbes, Mark M.; Gloyeski, David D.; Greafnitz, Russell F.; Phillips, Glen R.; Straw, Robert L.; Stricker, Kevin L.; Szabela, William A.; Webeck, Richard R.; Mayfield, Glenn A.; and Vollmer, William L., 4,542,469, Cl. 364-483.000.
Webendoerfer, Rudolf: *See—*
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Weber, Abraham: *See—*
Bouzard, Daniel; Weber, Abraham; and Stemer, Jacques, 4,504,657, Cl. 544-30.000.
Weber, Adolf; Strauss, Hans; and Pauly, Hans, to Diehl GmbH & Co. Self-destruct device for spin-stabilized projectile detonators. 4,534,292, 8-13-85, Cl. 102-241.000
Weber, Adolf; and Porzelt, Carmen, to Diehl GmbH & Co. Practice projectile. 4,553,482, 11-19-85, Cl. 102-529.000.
Weber, Adolf: *See—*
Nussbaum, Helmut; and Weber, Adolf, 4,503,776, Cl. 102-496.000.
Weber, Arthur. Appliance for the relief of arthritic pain. 4,505,271, 3-19-85, Cl. 128-157.000.
Weber, Arthur E. Vehicle hitch. 4,509,769, 4-9-85, Cl. 280-491.00R.
Weber, Bernhard G.; and Frey, Otto, to Sulzer Brothers Limited. Artificial hip joint socket. 4,531,243, 7-30-85, Cl. 623-22.000.
Weber, Charles A.: *See—*
Weber, Randall W.; and Weber, Charles A., 4,519,677, Cl. 350-637.000.
Weber, Charles M.: *See—*
Domian, Henry A.; and Weber, Charles M., 4,560,854, Cl. 219-121.0EW.
Weber, Christian A.; and Paige, William P., to Dow Chemical Company, The. Low gloss carbonate polymer blends. 4,526,926, 7-2-85, Cl. 525-67.000.
Weber, Dane M.: *See—*
Bohan, John E., Jr.; Bonne, Ulrich; and Weber, Dane M., 4,527,085, Cl. 313-128.000.
Weber, David C.: *See—*
Bernett, Marianne K.; Weber, David C.; and Ravner, Harold, 4,526,832, Cl. 428-336.000.
Weber, Dietmar: *See—*
Barnicol-Ottler, Max; Loczenski, Martin; Mieschke, Norbert; Ott, Gerhard; Przybylski, Gerhard; and Weber, Dietmar, 4,538,022, Cl. 174-113.00R.
Weber, Edward V.: *See—*
Simpson, Robert A.; Trotter, Ralph R.; and Weber, Edward V., 4,546,260, Cl. 250-491.100.
Weber, Erich, to Martin GmbH fur Umwelt- und Energietechnik. Grate bars for use in the grates of industrial furnaces and the like. 4,520,792, 6-4-85, Cl. 126-175.000.
Weber, Erich, to Martin GmbH fur Umwelt- und Energietechnik. Grate for industrial furnaces. 4,548,139, 10-22-85, Cl. 110-328.000.
Weber, Eugen: *See—*
Wright, Harry D.; Hale, John M.; and Weber, Eugen, 4,518,477, Cl. 204-415.000.
Weber, Franz K., to Modulite Corporation. Audio light chandelier. 4,528,620, 7-9-85, Cl. 362-86.000.
Weber, Georg: *See—*
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Eidenschink, Rudolf; Romer, Michael; and Weber, Georg, 4,551,264, Cl. 252-299.620.
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Romer, Michael; Krause, Joachim; and Weber, Georg, 4,544,771, Cl. 568-329.000.
Weber, Gerhard M.: *See—*
Kivel, Daniel M.; and Weber, Gerhard M., 4,537,926, Cl. 524-388.000.
Weber, Gunter, to Linde Aktiengesellschaft. Scrubbing and oxidation of hydrogen sulfide with removal of dissolved oxygen from scrubbing solution before reuse. 4,526,773, 7-2-85, Cl. 423-573.00R.
Weber, Gunter, to Linde Aktiengesellschaft. Method for removing hydrogen sulfide from gas streams. 4,537,752, 8-27-85, Cl. 423-224.000.
Weber, Gunter, to Linde Aktiengesellschaft. Thiocyanate to prevent the formation of thiosulfate in the oxidation of hydrogen sulfide. 4,541,998, 9-17-85, Cl. 423-226.000.
Weber, Hans: *See—*
Bergmann, Udo; Degen, Helmut; Hansen, Guenter; Krallmann, Reinhold; and Weber, Hans, 4,537,597, Cl. 8-639.000.
Weber, Hans-Leo: *See—*
Claussen, Uwe; Hannes, Hellmut; and Weber, Hans-Leo, 4,544,583, Cl. 428-1.000.
Weber, Harald: *See—*
Ochs, Leonard R.; Fletcher, Archibald W.; Weber, Harald; and Naden, David, 4,536,214, Cl. 75-101.00R.
Weber, Harold J., to Coulter Systems Corporation. Corona producing method and apparatus. 4,538,204, 8-27-85, Cl. 361-229.000.
Weber, Harold J. Driving aid indicator for economical operation of automatic transmission equipped motor vehicle. 4,542,460, 9-17-85, Cl. 364-424.000.
Weber, Harold J.; Kuehnle, Manfred R.; Compton, James C.; Poulakis, John N.; Szymanski, Michael J.; Lindblom, Kenneth A.; and Cleveland, Donald S., to Coulter Systems Corporation. Electrophotographic imaging apparatus and method particularly for color proofing. 4,547,061, 10-15-85, Cl. 355-10.000.
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Weber, Harold J. Tamper proof digital value accumulator and display method and apparatus. 4,559,637, 12-17-85, Cl. 377-24.000.
Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, to Carl Still GmbH & Co. KG, Firma. Apparatus for dry cooling of coke. 4,508,596, 4-2-85, Cl. 202-227.000.
Weber, Heinrich; Lorenz, Kurt; and Dungs, Horst, to Carl Still GmbH & Co. KG, Firma. Apparatus with two-stage heating for carbonizing cold-compacted briquettes. 4,544,451, 10-1-85, Cl. 202-114.000.
Weber, Heinrich; Lorenz, Kurt; Dungs, Horst; Bruns, Engelbert; and Osterholt, Gerd, to Carl Still GmbH & Co. KG, Firma. Method of charging dry coke cooling pit using sluice. 4,556,455, 12-3-85, Cl. 201-39.000.
Weber, Heinz Container with integral flexible neck. 4,492,324, 1-8-85, Cl. 222-529.000.
Weber, Heinz, to L. Schuler GmbH. Clutch and brake device for presses, punches, and the like. 4,533,029, 8-6-85, Cl. 192-18.00A.
Weber, Heinz: *See—*
Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,511,678, Cl. 521-52.000.
Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,540,717, Cl. 521-52.000.
Weber, Herbert, to Licentia Patent-Verwaltungs-GmbH. Multiple amplitude and phase shift keyed signal modulation method. 4,495,477, 1-22-85, Cl. 332-10.000.
Weber, Herbert, to Licentia Patent-Verwaltungs-GmbH. Method for determining the optimum sampling times for a QPSK or QAM received signal. 4,520,492, 5-28-85, Cl. 375-86.000.
Weber, James L., to Rockwell International Corporation. Slack adjuster for a disc brake. 4,499,976, 2-19-85, Cl. 188-71.900.
Weber, Jens; and Czempiel, Ernst-Michael, to Krone GmbH. Method and apparatus for signaling an existing telephone communication between picture telephone apparatuses. 4,560,833, 12-24-85, Cl. 179-2.0TV.
Weber, Jochen: *See—*
Huber, Hans P.; and Weber, Jochen, 4,516,010, Cl. 219-121.0LJ.
Stahl, Konrad; Theiss, Josef; and Weber, Jochen, 4,491,729, Cl. 250-336.100.

Weber, John A.; and Henze. Herbert O., to Penn Fishing Tackle Mfg. Co. Drive mechanism for fishing reel. 4,560,118, 12-24-85, Cl. 242-215.000.
Weber, John W. Protective fabric and fire curtain with a metallic laminate. 4,500,593, 2-19-85, Cl. 428-257.000.
Weber, Jorg: *See—*
  Christmann, Burkhard; Weber, Jorg; and Stadtfeld, Gerhard, 4,545,420, Cl. 164-150.000.
Weber, Jurgen: *See—*
  Bernhagen, Wolfgang; Falk, Volker; Springer, Helmut; Weber, Jurgen; Wiebus, Ernst; and Kniep, Claus, 4,515.986, Cl. 564-471.000.
  Cornils, Boy; Tihanyi, Bela; Weber, Jurgen; DeWin, Werner; Erben, Edwin; and Muhlratzer, August, 4,510,182, Cl. 427-162.000.
  Cornils, Boy; Weber, Jurgen; Tihanyi, Bela; and DeWin, Werner, 4,511,439, Cl. 204-37.100.
Weber, Karl-Heinz; Beckmann, Wolfgang; and Gebauer, Hartmut, to Gebr. Eickhoff Maschinenfabrik und Eisengiesserei m.b.H. Control system for longwall mining roof supports. 4,518,285, 5-21-85, Cl. 405-302.000.
Weber, Karl-Heinz: *See—*
  Schneider, Claus; Walther, Gerhard; Weber, Karl-Heinz; Bechtel, Wolf D.; and Boke-Kuhn, Karin, 4,550,106, Cl. 514-212.000.
  Walther, Gerhard; Schneider, Claus; Weber, Karl-Heinz; and Fugner, Armin, 4,503,060, Cl. 514-214.000.
Weber, Kent, to Sundstrand Corporation. High speed generator air vent for air gap. 4,496,862, 1-29-85, Cl. 310-56.000.
Weber, Klaus; Hujer, Friedrich; and Schaner, Ferdinand, to AGFA-Gevaert, A.G. Container for photographic films and prints. 4,508,224, 4-2-85, Cl. 206-455.000.
Weber, Klaus, to Carl-Zeiss-Stiftung. Universal binocular tube for microscopes. 4,518,230, 5-21-85, Cl. 350-511.000.
Weber, Klaus; Willert, Manfred; and Blessmann, Heinz, to Carl-Zeiss-Stiftung. Transmitted-light illuminating device. 4,521,076, 6-4-85, Cl. 350-254.000.
Weber, Klaus, to Extraktionstechnik Gesellschaft Fur Anlagenbau mbH. Method of continuous extraction of particulate solid material. 4,554,163, 11-19-85, Cl. 424-195.100.
Weber, Knut, Jr.: *See—*
  Schultze, Werner; and Weber, Knut, Jr., 4,547,415, Cl. 428-36.000.
Weber, Kurt; Mondini, Giancarlo; and Mandl, Gerhard, to Rieter Machine Works, Ltd. Means for removing a layer of matted fibers from a filter drum. 4,519,821, 5-28-85, Cl. 55-290.000.
Weber, Larry F., to Interstate Electronics Corporation. MOSFET Sustainer circuit for an AC plasma display panel. 4,550,274, 10-29-85, Cl. 315-169.400.
Weber, Lawrence W.: *See—*
  Buckner, Arthur B.; Davies, Michael L.; and Weber, Lawrence W., 4,517,880, Cl. 98-1.000.
Weber, LeRoy D. Case for stringed instrument. 4,531,632, 7-30-85, Cl. 206-14.000.
Weber, Lothar: *See—*
  Heinz, Jutta; Sautter, Helmut; Schink, Rainer; and Weber, Lothar, 4,561,729, Cl. 350-357.000.
Weber, Lynda D.; Merkel, Paul B.; and Warren, Harold C., III, to Eastman Kodak Company. Substituted 4-nitrophenylazo-1-naphthol cyan dyes having improved light stability. 4,524,122, 6-18-85, Cl. 430-223.000.
Weber, Mark W.: *See—*
  Egli, Werner H.; Lim, Wah L.; and Weber, Mark W., 4,526,469, Cl. 356-350.000.
Weber Marking Systems, Inc.: *See—*
  Walker, Stephen L.; and Thorpe, Beatrice E., 4,526,847, Cl. 430-18.000.
Weber, Max, to Sulzer Brothers Limited. Heat exchanger with convection suppressing longitudinal baffles. 4,552,211, 11-12-85, Cl. 165-160.000.
Weber, Neill, to Ford Motor Company. Sodium heat engine electrical feedthrough. 4,505,991, 3-19-85, Cl. 429-11.000.
Weber, P. Stan, to Exxon Research & Engineering Co. Cyclone support system. 4,547,341, 10-15-85, Cl. 422-147.000.
Weber, Paul, to Krupp Polysius AG. White cement production. 4,560,412, 12-24-85, Cl. 106-101.000.
Weber, Paul J., to Motorola, Inc. Radio transmitter modulation control circuitry. 4,491,972, 1-1-85, Cl. 455-110.000.
Weber, Peter, to SKW Trostberg Aktiengesellschaft. Process for the production of pure burnt lime. 4,548,796, 10-22-85, Cl. 423-175.000.
Weber, Peter: *See—*
  Canning, Howard; and Weber, Peter, 4,555,804, Cl. 383-25.000.
  Heiz, Walter; and Weber, Peter, 4,545,386, Cl. 128-660.000.
Weber, Randall W.; and Weber, Charles A., to Bock Products, Inc. Power-operated vehicle mirror. 4,519,677, 5-28-85, Cl. 350-637.000.
Weber, Richard B.; Wilfley, George M.; and Wilfley, George M., to A. R. Wilfley and Sons, Inc. Fluid diffuser for gases and liquids. 4,521,349, 6-4-85, Cl. 261-93.000.
Weber, Richard B., to Wilfley Weber, Inc. Gas diffuser with indefinite life and mixed bubble size capacity. 4,557,879, 12-10-85, Cl. 261-122.000.
Weber, Richard E., Sr. Snagged fish hook release device. 4,514,926, 5-7-85, Cl. 43-17.200.
Weber, Robert E.: *See—*
  Sheldon, Donald A.; Stokes, Bruce G.; Weber, Robert E.; and Greenman, Edwin G., 4,522,967, Cl. 524-377.000.
  Wright, Danny O.; and Weber, Robert E., 4,556,955, Cl. 364-133.000.
Weber, Robert J., Jr.; and Smith, Donald F., Jr., to Union Carbide Corporation. Process for the preparation of polymeric compositions. 4,504,635, 3-12-85, Cl. 525-450.000.
Weber, Robert J., Jr., to Union Carbide Corporation. High solids acrylic coating systems. 4,524,183, 6-18-85, Cl. 525-162.000.
Weber, Rolf: *See—*
  Gnehm, Rene; and Weber, Rolf, 4,503,237, Cl. 548-501.000.
Weber, Rolf-Dieter: *See—*
  Guggemos, Hans; and Weber, Rolf-Dieter, 4,497,451, Cl. 242-37.00R.
Weber S.p.A.: *See—*
  Bonfiglioli, Silverio; and Gardellini, Giovanni, 4,502,436, Cl. 123-339.000.
  Bonfiglioli, Silverio; and Triolo, Innocenzo, 4,524,742, Cl. 123-438.000.
  Bonfiglioli, Silverio, 4,546,744, Cl. 123-339.000.
  Franchini, Mauro; Sarasso, Angelo; and Puccetti, Angelo, 4,498,439, Cl. 123-438.000.
Weber-Stephen Products Co.: *See—*
  Schlosser, Erich J.; and Stephen, George, Jr., 4,498,452, Cl. 126-9.00R.
  Schlosser, Erich J., 4,523,574, Cl. 126-25.00R.
  Schlosser, Erich J.; and Stephen, James C., 4,535,749, Cl. 126-25.00R.
Weber, Sylvester A., to Westinghouse Electric Corp. Spar type consumable electrodes for vacuum arc melting of zirconium or titanium alloys. 4,539,688, 9-3-85, Cl. 373-67.000.
Weber, T. Jerome, to GCA Corporation. Apparatus for baking resist on semiconductor wafers. 4,518,848, 5-21-85, Cl. 219-388.000.
Weber Technical Products, Division of Craig Systems Corporation: *See—*
  Lough, Wendell J.; and Bishop, Donald E., 4,518,405, Cl. 55-385.00A.
Weber, Thomas, to Klockner-Humboldt-Deutz AG. Ring-shaped recuperative heat exchanger. 4,527,622, 7-9-85, Cl. 165-166.000.
Weber, Thomas; and Haselbauer, Franz, to Klockner-Humboldt-Deutz AG. Gas turbine engine with an operating-fuel cooled generator. 4,531,357, 7-30-85, Cl. 60-39.070.
Weber, Ulrich: *See—*
  Schmidts, Klaus; Therolf, Dieter; and Weber, Ulrich, 4,552,524, Cl. 425-406.000.
Weber, Ursula: *See—*
  Bruns, Klaus; and Weber, Ursula, 4,555,359, Cl. 252-522.00R.
Weber, Walter: *See—*
  Schuss, Werner; and Weber, Walter, 4,531,912, Cl. 433-80.000.
Weber, Wendelin: *See—*
  Brandenburg, Klaus; and Weber, Wendelin, 4,543,004, Cl. 400-649.000.
Weber, Werner: *See—*
  Thiele, Heino; Weber, Werner; and Taubenmann, Peter, 4,526,907, Cl. 521-133.000.
Weber, William J.: *See—*
  Schneider, Philip H.; Weber, William J.; and Massaro, Thomas A., 4,498,843, Cl. 417-22.000.
Weber, Willis W., to ATEC Inc. Process for continuous removal of ammoniacal nitrogen from aqueous streams. 4,522,727, 6-11-85, Cl. 210-673.000.
Weber, Wolfgang: *See—*
  Beyer, Hans-Hermann; Baudis, Ulrich; Biberbach, Peter; and Weber, Wolfgang, 4,536,224, Cl. 148-6.110.
  Holler, Heinz; and Weber, Wolfgang, 4,516,399, Cl. 60-351.000.
Weber, Wolfram; Neumann, Hans-Jurgen; Meisberger, Artur; and Mathieu, Bernd, to Fresenius AG. Peristaltically operating roller pump. 4,545,744, 10-8-85, Cl. 417-475.000.
Weber, Wolfram: *See—*
  Lolachi, Houshang; Mathieu, Bernd; and Weber, Wolfram, 4,540,397, Cl. 494-84.000.
  Mathieu, Bernd; and Weber, Wolfram, 4,551,147, Cl. 604-405.000.
Weberndoerfer, Volkmar; Brunnmueller, Friedrich; Eisert, Manfred; and Bermes, Rudolf, to BASF Aktiengesellschaft. Preparation of dyes which contain sulfonic acid groups and have a low electrolyte content. 4,560,745, 12-24-85, Cl. 534-728.000.
Webers, Vincent J.: *See—*
  Cohen, Abraham B.; and Webers, Vincent J., 4,551,415, Cl. 430-281.000.
Webers, Werner: *See—*
  Neier, Wilhelm; Webers, Werner; and Dettmer, Michael, 4,546,206, Cl. 568-697.000.
Webinger, George P., to Champion International Corporation. Reclosable carton with interior tab and blank therefor. 4,502,600, 3-5-85, Cl. 206-626.000.
Webster, Daniel R., to C.T.R. Inc. Compositions useful for restoring grout. 4,507,424, 3-26-85, Cl. 524-442.000.
Webster, David F., to Smith and Nephew Associated Companies p.l.c. Dressing. 4,541,426, 9-17-85, Cl. 128-156.000.
Webster, David G.: *See—*
  Naden, David; Webster, David G.; and Willey, Gordon, 4,502,952, Cl. 210-86.000.
Webster, David R. Suspension bridge. 4,535,498, 8-20-85, Cl. 14-18.000.
Webster, Dennis M., to Myson Group Limited. Radiators. 4,531,575, 7-30-85, Cl. 165-78.000.
Webster, Donald R., to Pacific Scientific Company. Particulate sample analyzing instrument employing vibration to compact the sample. 4,538,908, 9-3-85, Cl. 356-36.000.

Webster, Emmett G.; and McLean, Kenneth W., to Sperry Corporation. Linkage for equalizing conditioning roll pressure. 4,519,188, 5-28-85, Cl. 56-16.400.

Webster, Guy: *See—*
- Labows, John N., Jr.; Webster, Guy; and McGinley, Kenneth J., 4,542,097, Cl. 435-126.000.

Webster, Harold F.: *See—*
- Carlson, Richard O.; Glascock, Homer H., II; Loughran, James A.; and Webster, Harold F., 4,541,035, Cl. 361-414.000.

Webster, Henry G.; and Bainbridge, Wilfred N., to Automotive Products plc. Rotary transmission. 4,544,057, 10-1-85, Cl. 192-0.076.

Webster, Henry L.; and Barlow, Wayne K., to Wescor, Inc. Sweat-collecting device and method. 4,542,751, 9-24-85, Cl. 128-760.000.

Webster, Marvin K.; Flynn, Richard T.; Porter, Marion G.; and Seminsky, George M., to Honeywell Information Systems Inc. Split-cycle cache system with SCU controlled cache clearing during cache store access period. 4,525,777, 6-25-85, Cl. 364-200.000.

Webster, Owen W., to Du Pont de Nemours, E. I., and Company. "Living" polymers and process for their preparation. 4,508,880, 4-2-85, Cl. 526-190.000.

Webster, Owen W.: *See—*
- Sogah, Dotsevi Y.; and Webster, Owen W., 4,544,724, Cl. 526-279.000.

Webster, Robert G.: *See—*
- Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., 4,552,757, Cl. 424-89.000.
- Murphy, Brian R.; Chanock, Robert M.; Webster, Robert G.; and Hinshaw, Virginia S., 4,552,758, Cl. 424-89.000.

Webster, Sherwood F.: *See—*
- Olmsted, James F.; Webster, Sherwood F.; and Heise, Richard L., 4,493,750, Cl. 159-48.100.

Webster, Timothy P.; Bush, Ervin E.; and Sweetland, Roger D., to Cummins Engine Company, Inc. Integral fuel filter head and adapter for multiple fuel filter canisters. 4,552,662, 11-12-85, Cl. 210-232.000.

Webster, William K.: *See—*
- Day, Philip R.; and Webster, William K., 4,539,909, Cl. 102-275.200.

Webster, Wilton W., Jr. Autoinflatable catheter. 4,535,757, 8-20-85, Cl. 128-1.00D.

Webster, Wilton W., Jr. Electrophysiological switching unit. 4,554,928, 11-26-85, Cl. 128-709.000.

Wechselberger, Anthony J.; Bluestein, Leo I.; Jedynak, Leo; Drake, David A.; and Simpson, Larry W., to Oak Industries Inc. Multi-layer encryption system for the broadcast of encrypted information. 4,531,020, 7-23-85, Cl. 178-22.080.

Wechsler, Joseph W. Derailer mechanism. 4,530,678, 7-23-85, Cl. 474-81.000.

Wechter, William J.; and Horton, John E., to Upjohn Company, The. Methods of treating bone resorption. 4,501,754, 2-26-85, Cl. 514-456.000.

Weck, Franz, to H. Krantz GmbH & Co. Volume flow or pressure regulating device. 4,523,609, 6-18-85, Cl. 137-499.000.

Weck, Manfred; Klingel, Hans; and Werntze, Georg, to Maho Werkzeugmaschinenbau Babel & Co. Workpiece manipulation system. 4,492,513, 1-8-85, Cl. 414-729.000.

Wecker, Dietmar; and Lippold, Heinrich, to IBP Pietzsch GmbH. Determination and passing on of a target direction for tanks. 4,543,727, 10-1-85, Cl. 33-22[illegible].000.

Wecker, Sheldon M., to James River-Norwalk, Inc. Process for skin foam. 4,518,557, 5-21-85, Cl. 264-45.900.

Weckerly, James R.: *See—*
- Cribbs, Doyle E.; and Weckerly, James R., 4,557,049, Cl. 30-124.000.

Weckesser, George J.: *See—*
- Agrawal, Anil K.; Saunders, Stephen W.; and Weckesser, George J., 4,559,204, Cl. 423-167.000.

Weckwerth, Wolfgang: *See—*
- Albersdoerfer, Otto; Blankenfeld, Heinz; Kranz, Wolfgang; and Weckwerth, Wolfgang, 4,556,284, Cl. 350-174.000.

Wedam, Werner F.; and Babcock, William E., to RCA Corporation. Deflection circuit with linearity correction. 4,503,367, 3-5-85, Cl. 315-371.000.

Wedco Incorporated: *See—*
- Feder, Friedhelm R., 4,512,732, Cl. 425-222.000.

Wedde, Reiner: *See—*
- Lerche, Heinz; Rache, Horst; and Wedde, Reiner, 4,495,413, Cl. 250-252.100.

Weddell, Ronald P.: *See—*
- Gowan, Norman H.; Petravicius, Stasys; Hernandez, Ignacio T.; Kuhlmann, Robert E.; Vande Walle, Donald R., Jr.; Weddell, Ronald P.; Gates, Joseph M.; Sitzwohl, Kenneth J.; Sands, Charles D.; Gwinn, Rick A.; and Peterman, Milton J., 4,549,664, Cl. 211-131.000.

Weddigen, Gert, to Brown, Boveri & Cie AG. Electrochemical storage cell comprising an anode and a cathode made of a synthetic polymer. 4,532,195, 7-30-85, Cl. 429-213.000.

Wedding, Brent M.: *See—*
- Borrelli, Nicholas F.; Hares, George B.; Smith, Dennis W.; and Wedding, Brent M., 4,537,612, Cl. 65-30.110.

Wedding, Donald K.; Fein, Michael E.; Ernsthausen, Roger E.; and Byrum, Bernard J., to Owens-Illinois, Inc. Gas discharge device. 4,494,038, 1-15-85, Cl. 313-587.000.

Wedding, Paul W. Post light. 4,507,715, 3-26-85, Cl. 362-153.000.

Wedel, Gregory L.: *See—*
- Chance, James L.; and Wedel, Gregory L., 4,538,360, Cl. 34-41.000.

Wedel, John O., Jr., to United States of America, Army. Method and apparatus to filter pulsed RF signals. 4,535,460, 8-13-85, Cl. 375-104.000.

Wedel, Victor J. Ultrasound needle, biopsy instrument or catheter guide. 4,497,325, 2-5-85, Cl. 128-754.000.

Wedell, David A.: *See—*
- Logan, Thomas D.; and Wedell, David A., 4,541,677, Cl. 339-17.00F.

Wedemeyer, Karlfried: *See—*
- Heise, Klaus-Peter; Kuth, Robert; Neufang, Karl; Pantke, Hellmuth; and Wedemeyer, Karlfried, 4,544,372, Cl. 8-602.000.
- Le Blanc, Helmut; and Wedemeyer, Karlfried, 4,496,763, Cl. 564-402.000.

Wedemeyer, Robert C.; and Giebeler, Robert H., Jr., to Beckman Instruments, Inc. Thermoelectric temperature control assembly for centrifuges. 4,512,758, 4-23-85, Cl. 494-13.000.

Wedemeyer, Robert C.; and Giebeler, Robert H., Jr., to Beckman Instruments, Inc. Vacuum pump purging apparatus. 4,534,861, 8-13-85, Cl. 210-168.000.

Wedemeyer, Robert C.: *See—*
- Wright, Herschel E.; and Wedemeyer, Robert C., 4,512,202, Cl. 73-863.000.

Weder, Donald E.: *See—*
- Weder, Erwin H.; and Weder, Donald E., 4,491,217, Cl. 206-45.330.
- Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., 4,496,614, Cl. 428-7.000.
- Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., 4,549,908, Cl. 106-266.000.

Weder, Erwin H.; and Weder, Donald E., to Highland Supply Corp. Corsage bag, blank and method of forming same. 4,491,217, 1-1-85, Cl. 206-45.330.

Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., to Highland Manufacturing & Sales Company. Composition for decorative grass. 4,496,614, 1-29-85, Cl. 428-7.000.

Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., to Highland Manufacturing & Sales Company. Composition for decorative grass. 4,549,908, 10-29-85, Cl. 106-266.000.

Weder, Herbert A.: *See—*
- Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., 4,496,614, Cl. 428-7.000.
- Weder, Erwin H.; Weder, Donald E.; and Weder, Herbert A., 4,549,908, Cl. 106-266.000.

Wedertz, Larry D.: *See—*
- Maudal, Inge; Niemeier, Byron M.; and Wedertz, Larry D., 4,561,357, Cl. 102-439.000.

Wedge, Philip J.; and Bridson, Robert C., to British Gas Corporation. Fuel fired heating element. 4,493,309, 1-15-85, Cl. 126-91.00A.

Wedge, Philip J.; and Bridson, Robert C., to British Gas Corporation. Fuel fired burner assembly. 4,518,348, 5-21-85, Cl. 431-265.000.

Wedgtrac Corporation: *See—*
- Nelson, Bertel S., 4,555,963, Cl. 74-798.000.

Wedtech Corp.: *See—*
- Pinkhasov, Eduard, 4,505,948, Cl. 427-37.000.
- Pinkhasov, Eduard, 4,537,794, Cl. 427-37.000.
- Pinkhasov, Eduard, 4,548,670, Cl. 156-617.0SP.

Weed, Lauren R.: *See—*
- Real, John D.; Twichell, David J.; and Weed, Lauren R., 4,501,321, Cl. 165-153.000.

Weedall, Dennis L. Lighting system. 4,500,813, 2-19-85, Cl. 315-276.000.

Weeder, Ralph E. Planter population reduction drive unit. 4,550,860, 11-5-85, Cl. 222-615.000.

Weeke, Bent: *See—*
- Skov, Per S.; Norn, Svend; and Weeke, Bent, 4,550,085, Cl. 436-98.000.

Weekley, Robert E.: *See—*
- Punch, William E.; and Weekley, Robert E., 4,539,499, Cl. 310-214.000.

Weeks, Benjamin R., to Texas Independent Tools and Unlimited Service, Inc. Method of and apparatus for setting a mechanical liner hanger by right-hand rotation. 4,496,000, 1-29-85, Cl. 166-382.000.

Weeks, David E.; Reece, John W.; and Wirth, Robert L., to NCR Corporation. Dot matrix print head. 4,501,506, 2-26-85, Cl. 400-124.000.

Weeks, David E.; Wirth, Robert L.; and Reece, John W., to NCR Corporation. Dot matrix print head. 4,502,799, 3-5-85, Cl. 400-124.000.

Weeks, Gary L.: *See—*
- Bower, Allen M.; and Weeks, Gary L., 4,523,700, Cl. 222-505.000.

Weeks, Melanie M.: *See—*
- Pellegrini, Paul W.; Ludington, Charlotte E.; Golubovic, Aleksandar; and Weeks, Melanie M., 4,533,933, Cl. 357-15.000.
- Shepherd, Freeman D., Jr.; Pellegrini, Paul W.; Ludington, Charlotte E.; and Weeks, Melanie M., 4,531,055, Cl. 250-211.00J.

Weeks, Paul D., to Pfizer Inc. Process and intermediates for preparation of 1,1-dioxopenicillanoyloxymethyl 6-beta-aminopenicillanate. 4,530,792, 7-23-85, Cl. 260-245.20R.

Weeks, Vaughan B., to Medical Engineering Corporation. Laser-resistant back-up pad. 4,520,814, 6-4-85, Cl. 128-303.100.

Weeks, Vaughan B.: *See—*
- Carter, Garry L.; and Weeks, Vaughan B., 4,554,687, Cl. 4-144.200.

Weemes, Doyle A.; and Seymour, Robert W., to Eastman Kodak Company. Copolyesterethers coated with saran. 4,510,205, 4-9-85, Cl. 428-483.000.

Weems, Kelly G., Sr. Water well sand separator. 4,504,391, 3-12-85, Cl. 210-307.000.

- Weening, Willem E.: *See—*
  - Willemsen, Stephanus; Weening, Willem E.; and Steenbergen, Anne, 4,557,967, Cl. 428-224.000.
- Weetall, Howard H., to Corning Glass Works. Wine stabilization using immobilized tannic acid. 4,500,554, 2-19-85, Cl. 426-323.000.
- Weetman, Ronald J., to General Signal Corporation. Measurement of fluid forces in mixing apparatus and the control of mixing apparatus in response to fluid forces. 4,527,904, 7-9-85, Cl. 366-348.000.
- Wefel, Jerry D.: *See—*
  - Aleem, Mohd A.; Lobsinger, James L.; and Wefel, Jerry D., 4,510,679, Cl. 29-598.000.
- Wefer, John M., to Uniroyal, Inc. Impact resistant blend. 4,493,921, 1-15-85, Cl. 525-67.000.
- Wefer, John M.: *See—*
  - Paddock, Charles F.; and Wefer, John M., 4,550,138, Cl. 525-67.000.
- Weferling, Norbert, to Hoechst Aktiengesellschaft. Process for making chlorophosphanes, phosphinic acid chlorides or thiophosphinic acid chloride, and novel isomeric mixture consisting of chloro-phosphabicyclononanes. 4,536,350, 8-20-85, Cl. 260-543.00P.
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  - Von Au, Gunter; Wegehaupt, Karl-Heinrich; Schiller, August; and Braunsperger, Karl, 4,503,210, Cl. 528-33.000.
- Wegemund, Bernd: *See—*
  - Fischer, Herbert; Gorzinski, Manfred; Gress, Wolfgang, Meffert, Alfred; and Wegemund, Bernd, 4,555,564, Cl. 528-295.300.
  - Gorzinski, Manfred; Wilk, Hans-Christoph; Fischer, Herbert; and Wegemund, Bernd, 4,497,933, Cl. 524-604.000.
  - Hoefer, Rainer; Schmid, Karl; Wegemund, Bernd; and Bartnick, Bernhard, 4,529,762, Cl. 524-157.000.
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  - Wilk, Hans-Christoph; Wegemund, Bernd; and Gorzinski, Manfred, 4,517,334, Cl. 524-539.000.
- Wegener, Ingo: *See—*
  - Reuter, Herbert; Seiter, Wolfgang; and Wegener, Ingo, 4,524,010, Cl. 252-135.000.
- Wegener, Jack. Air pallet having multiple entry integrated air inlet valves. 4,517,690, 5-21-85, Cl. 5-81.00R.
- Wegener, Jack; and Johnson, Raynor A., to American Industrial Research, Inc. Semi-rigid air pallet type patient mover. 4,528,704, 7-16-85, Cl. 5-81.00R.
- Wegener, Joachim: *See—*
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- Wegener, Joseph B., II. Method of manufacturing simulated animal or fish skin. 4,559,189, 12-17-85, Cl. 264-39.000.
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  - Knaack, Howard L.; and Weger, Kenneth F., Jr., 4,509,787, Cl. 296-3.000.
- Wegh, John R.: *See—*
  - Bolenbaugh, Daniel L.; Wegh, John R.; and Smith, Roger L., 4,560,039, Cl. 188-73.450.
  - Schreiner, Peter; Wegh, John R.; and Smith, Roger L., 4,527,672, Cl. 188-264.00G.
- Weglin, Walter, to Jerobee Industries, Inc. Fine line die and method of making same. 4,497,686, 2-5-85, Cl. 156-651.000.
- Weglin, Walter. Drafting machine. 4,559,715, 12-24-85, Cl. 33-438.000.
- Wegman, Mark N.: *See—*
  - Carter, John L.; Markowsky, George; and Wegman, Mark N., 4,538,240, Cl. 364-754.000.
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  - Kratzenberg, Wolfgang; and Baeslack, Bernd, 4,533,327, Cl. 434-20.000.
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- Wegner, Christian: *See—*
  - Muller, Peter; Wagner, Kuno; Wegner, Christian; and Schwabe, Peter, 4,544,683, Cl. 523-111.000.
- Wegner Development Company: *See—*
  - Wegner, Gunter H., 4,526,906, Cl. 521-107.000.
- Wegner, Gerhard; and Wernet, Wolfgang, to BASF Aktiengesellschaft. Preparation of poly(heteroaromatics), and films obtained by this method. 4,536,262, 8-20-85, Cl. 204-56.00R.
- Wegner, Glenn: *See—*
  - Gregorian, Roubik; and Wegner, Glenn, 4,541,103, Cl. 375-32.000.
- Wegner, Gunter H., to Wegner Development Company. Non-burning, non-dripping instant set microcellular polyurethanes. 4,526,906, 7-2-85, Cl. 521-107.000.
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  - Coker, Melvin D.; and Wegner, John W., 4,513,788, Cl. 138-89.000.
- Wegner, Jurgen: *See—*
  - Dierichs, Wolfgang; Eberhardt, Werner; and Wegner, Jurgen, 4,505,964, Cl. 428-85.000.
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- Wegner, Karl-Heinz; Hodes, Erich; and Mann, Horst, to Glyco-Metall-Werke Daelen & Loos GmbH. Metal-backed layered composite and method of making same. 4,540,630, 9-10-85, Cl. 428-408.000.
- Wegner, Paul C., to Tiegel Manufacturing Company. Enveloping a battery plate by a dip process and product produced thereby. 4,524,509, 6-25-85, Cl. 29-623.500.
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  - Hampel, Hans-Joachim; Scondo, Ludwig; Stahl, Jurgen; Wegner, Wilhelm; and Bonne, Harry, 4,520,948, Cl. 222-103.000.
- Wegrzyn, Richard J., to Remington Products, Inc. Circuit arrangement for a buoyant alarm device. 4,540,976, 9-10-85, Cl. 340-539.000.
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  - Weh, Erwin; and Weh, Wolfgang, 4,543,995, Cl. 137-614.060.
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  - Franckowiak, Gerhard; Boshagen, Horst; Bossert, Friedrich; Goldmann, Siegfried; Meyer, Horst; Wehinger, Egbert; Stoltefuss, Jurgen; Schramm, Matthias; Thomas, Gunter; and Towart, Robertson, 4,532,248, Cl. 514-302.000.
- Wehle, Peter, to SIG Schweizerische Industrie-Gesellschaft. Apparatus for securing a valve to a wrapper sleeve. 4,533,425, 8-6-85, Cl. 156-466.000.
- Wehmeyer, Betty A. Low voltage battery operated heating bib. 4,532,410, 7-30-85, Cl. 219-211.000.
- Wehmeyer, Donald T.; and Barnhart, Ronald W., to Economy Engineering, Inc. Translating mobile work platform. 4,518,061, 5-21-85, Cl. 187-18.000.
- Wehmeyer, Gunter: *See—*
  - Ziegenhorn, Joachim; Roder, Albert; Bartl, Knut; and Wehmeyer, Gunter, 4,544,630, Cl. 435-11.000.
- Wehner, Dennis J.: *See—*
  - Keeney, Keith; and Wehner, Dennis J., 4,516,467, Cl. 91-31.000.
- Wehner, Donald R., to United States of America, Navy. 3D Imaging with stepped frequency waveforms and monopulse processing. 4,527,161, 7-2-85, Cl. 343-16.00M.
- Wehner, Donald R., to United States of America, Navy. Frequency agile magnetron imaging radar. 4,538,149, 8-27-85, Cl. 343-17.20R.
- Wehner, Donald R.; and Prickett, Michael J., to United States of America, Navy. Frequency agile imaging radar with error frequency correction. 4,547,775, 10-15-85, Cl. 343-17.20R.
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  - Eichler, Jurgen; Herz, Claus; Neisius, Karl-Heinz; and Wehner, Gregor, 4,496,447, Cl. 204-159.160.
- Wehner, Hans-Joachim; and Burkhardt, Wolfgang, to Pforzheimer Uhren-Rohwerke PORTA GmbH & Co. Instrument illuminating arrangement. 4,561,042, 12-24-85, Cl. 362-30.000.
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- Wehr Corporation: *See—*
  - Schneider, Steven L.; and Dravnieks, Konstantins, 4,513,809, Cl. 165-54.000.
  - Sylvester, Gordon C.; and Alexander, George E., 4,491,062, Cl. 98-40.160.
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- Wehrli, Felix W., to General Electric Company. NMR Method for measuring and imaging fluid flow. 4,532,473, 7-30-85, Cl. 324-306.000.
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  - MacFall, James R.; and Wehrli, Felix W., 4,549,139, Cl. 324-309.000.
- Wehrmacher, William H., to Datakey, Inc. Electronic tag receptacle and reader. 4,522,456, 6-11-85, Cl. 339-17.00R.
- Wehrmann, Claus, to Lenze GmbH & Co. KG Aerzen. Multiple bolt turning machine. 4,524,919, 6-25-85, Cl. 242-67.10R.

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Wei, Ta-Sheng: *See—*
- Berg, James G.; and Wei, Ta-Sheng, 4,529,645, Cl. 428-294.000.

Wei, Victor K.: *See—*
- DiNicolantonio, Arthur R.; and Wei, Victor K., 4,499,055, Cl. 422-197.000.

Wei, Yun-Song. Dual-inclined lifters for autogenous mills. 4,515,319, 5-7-85, Cl. 241-284.000.

Weibel, Edmund: *See—*
- Binnig, Gerd K.; Gerber, Christoph E.; Rohrer, Heinrich; and Weibel, Edmund, 4,539,089, Cl. 204-192.00R.

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Weiblen, Richard, to TBT Tiefbohrtechnik GmbH & Co. KG. Reboring tool. 4,548,530, 10-22-85, Cl. 408-79.000.

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- Bittler, Dieter; Laurent, Henry; Nickisch, Klaus; Weichert, Rudolf; and Casals-Stenzel, Jorge, 4,542,128, Cl. 514-177.000.

Weichman, Barry M.: *See—*
- Wasserman, Martin A.; and Weichman, Barry M., 4,536,510, Cl. 514-308.000.

Weichman, Edward C., to Schlegel Corporation. Two-wire carrier edge protector trim strip. 4,517,233, 5-14-85, Cl. 428-108.000.

Weick, Heinz H.; Hesener, Walter; and Wattinger, Rolf. Refillable case for freshen-up cloths. 4,553,665, 11-19-85, Cl. 206-37.000.

Weick, John M.: *See—*
- Star, Albert A.; and Weick, John M., 4,507,740, Cl. 364-487.000.

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- Altemark, Detlef; Sommers, Hans; and Weid, Manfred, 4,530,656, Cl. 431-8.000.

Weidemann, Lutz: *See—*
- Hiller, Heinz; Supp, Emil; Marschner, Friedemann; Kupfer, Hans; and Weidemann, Lutz, 4,559,207, Cl. 422-197.000.

Weiden, Mathias H. J.: *See—*
- Wheeler, Thomas N.; and Weiden, Mathias H. J., 4,526,723, Cl. 260-410.500.

Weidenbach, Gunter; Bonse, Dirk; and Meyer, Boris, to Kali-Chemie Aktiengesellschaft. Process and apparatus for isomerizing glucose to fructose. 4,533,633, 8-6-85, Cl. 435-94.000.

Weidenhaupt, Wolfgang: *See—*
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Weider, Franz: *See—*
- Potter, Terry A.; Nachtkamp, Klaus; and Weider, Franz, 4,507,427, Cl. 524-591.000.

Weidig, Charles F., to Ethyl Corporation. Alkylated phenol purification. 4,524,222, 6-18-85, Cl. 568-711.000.

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Weido, Vincent C.; and Grissom, David, to NL Industries, Inc. Stuck point indicating device with linear sensing means. 4,515,010, 5-7-85, Cl. 73-151.000.

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- Collins, Paul W.; and Weier, Richard M., 4,529,812, Cl. 560-121.000.
- Collins, Paul W.; Gasiecki, Alan F.; and Weier, Richard M., 4,536,592, Cl. 560-53.000.

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- Goldfarb, Harold; Perkins, Kenneth L.; and Weigand, Bernard L., 4,553,435, Cl. 73-40.700.

Weigand, Charles H., Jr., to Eaton Corporation. Electrical lead termination. 4,558,200, 12-10-85, Cl. 219-85.0CM.

Weigand, Francis K.; and Nickel, William H., to Garrett Corporation, The. Emergency power unit and method. 4,554,784, 11-26-85, Cl. 60-39.020.

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Weigand, Larry J.: *See—*
- Lee, Robert C.; Weigand, Larry J.; and Merideth, Jeffrey O., 4,548,405, Cl. 272-69.000.

Weigel, Horst: *See—*
- Kleemann, Axel; Martens, Jurgen; and Weigel, Horst, 4,511,719, Cl. 546-245.000.
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Weigele, Manfred: *See—*
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Weigert, Hans, to Electro-Matic Staplers, Inc. Trigger switch circuit for solenoid-actuated electric hand tool. 4,556,803, 12-3-85, Cl. 307-140.000.

Weight, John P., to National Research Development Corporation. Resolution transducers, systems and methods for the transmission and/or reception of waves propagated by vibration. 4,509,153, 4-2-85, Cl. 367-140.000.

Weightman, Barry O.: *See—*
- Evans, David M.; and Weightman, Barry O., 4,516,569, Cl. 128-92.0BC.

Weighton, David M.: *See—*
- Kerry, John C.; and Weighton, David M., 4,517,201, Cl. 514-521.000.

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- Weigl, John W., deceased, 4,509,850, Cl. 355-4.000.

Weigl, Jeffrey L.: *See—*
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- Steprath, Werner; and Weigle, Dieter, 4,513,826, Cl. 172-7.000.

Weigle, Robert M.; Duggan, Sharon; Foster, Candace; Miner, Jonathan; Vantucci, John; and Woozley, Mark, to United States of America, Health and Human Services. Drill guide for bone plate fixation. 4,502,475, 3-5-85, Cl. 128-92.0EB.

Weigle, William O.: *See—*
- Goodman, Michael G.; and Weigle, William O., 4,539,205, Cl. 514-45.000.

Weihs, Frederick H.: *See—*
- Stolz, Ronald D.; Dillon, Benny N.; and Weihs, Frederick H., 4,529,051, Cl. 177-134.000.

Weihsmann, Peter R., to Franklin Electric Co., Inc. Rotary lip seal. 4,491,330, 1-1-85, Cl. 277-65.000.

Weikel, Donald J., Jr.: *See—*
- Salomon, James A.; and Weikel, Donald J., Jr., 4,561,757, Cl. 355-3.0BE.

Weikel, William A.: *See—*
- Kelly, Lawrence S.; McCormick, Marty P.; and Weikel, William A., 4,522,789, Cl. 422-133.000.
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Weikert, Norbert B.: *See—*
- Best, Gerd; and Weikert, Norbert B., 4,491,370, Cl. 299-81.000.
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Weil, Edward D.: *See—*
- Teischow, Jeffrey E.; and Weil, Edward D., 4,560,772, Cl. 549-240.000.

Weil, Jack M.: *See—*
- Hodgman, John R.; and Weil, Jack M., 4,546,865, Cl. 192-84.00C.

Weil, Joachim; and Sattelmeyer, Richard, to Hoechst Aktiengesellschaft. Rubber vulcanisates, having a Shore A hardness of below 65° . 4,546,143, 10-8-85, Cl. 524-511.000.

Weil, Joachim: *See—*
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Weil, Manfred: *See—*
- Albrecht, Johannes; Jakobs, Rudolf; Turna, Osman; Vierrath, Helmut; Weil, Manfred; and Zapke, Klaus, 4,536,193, Cl. 48-77.000.

Weil, Max H.: *See—*

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Weil, Wolfgang: *See—*

Opprecht, Paul; Weil, Wolfgang; and Kaul, Martin, 4,536,636, Cl. 219-83.000.

Weiland, Herbert; Nuttall, Michael; and Kozuka, Michihiro, to Tomy Kogyo Company, Inc. Shifting mechanism for motorized toy. 4,553,947, 11-19-85, Cl. 446-443.000.

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Weiland, Mary C. Medical accessory. 4,560,378, 12-24-85, Cl. 604-83.000.

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Weiland, Werner. Device for veterinary obstetrical delivery. 4,502,486, 3-5-85, Cl. 128-353.000.

Weilbacher, Eugene E.; and Ransom, Dean A., to Snyder Laboratories, Inc. Closed wound suction evacuator with rotary valve. 4,529,402, 7-16-85, Cl. 604-133.000.

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Weiler Brush Company Inc.: *See—*

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Weiler, David W., to Union Carbide Corporation. Gas liquid contacting tray. 4,547,326, 10-15-85, Cl. 261-114.00R.

Weiler, David W.: *See—*

Kirkpatrick, Robert D.; and Weiler, David W., 4,499,035, Cl. 261-114.0JP.

Weiler, Gerhard H.; Anderson, Paul A.; and Pagels, Louis T., to Automatic Liquid Packaging, Inc. Sterilizing apparatus for an encapsulating machine. 4,502,614, 3-5-85, Cl. 222-148.000.

Weiler, Gerhard H.; and Pagels, Louis T., to Automatic Liquid Packaging, Inc. Container having pierceable insert. 4,519,513, 5-28-85, Cl. 215-32.000.

Weiler, Gerhard H.; and Pagels, Louis T., to Automatic Liquid Packaging, Inc. Severing overcap for container. 4,526,279, 7-2-85, Cl. 215-32.000.

Weiler, Gerhard H., to Automatic Liquid Packaging, Inc. Method for making a container with a unitary but removable closure. 4,540,542, 9-10-85, Cl. 264-524.000.

Weiler, Karl M., to Weiler Brush Company Inc. Brushing tool. 4,504,997, 3-19-85, Cl. 15-179.000.

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Kessler, Peter-Jurgen; Mayer, Jurgen; and Weiler, Paul, 4,543,682, Cl. 15-250.420.

Weiler, Rolf; Boehm, Peter; Haar, Lucas H.; and Timtner, Karlheinz, to ITT Industries, Inc. Low pressure casing for a brake booster. 4,492,081, 1-8-85, Cl. 60-547.100.

Weiler, Rolf; and Muller, Reiner, to ITT Industries, Inc. Valve body. 4,501,410, 2-26-85, Cl. 251-366.000.

Weiler, Rolf; and Bohm, Peter, to ITT Industries, Inc. Dual-circuit brake control arrangement. 4,505,116, 3-19-85, Cl. 60-562.000.

Weiler, Rolf; Kretzer, Horst; Leidecker, Hans-Dieter; and Gerhardt, Winfried, to ITT Industries, Inc. Sealing cap for cylindrical parts, especially for a bolt guide of a spot-type disk brake. 4,530,506, 7-23-85, Cl. 277-212.0FB.

Weilerstein, I. Marvin: *See—*

McBrearty, Michael; Negin, Michael; Weilerstein, I. Marvin; and Zielenski, Albert J., 4,558,596, Cl. 73-588.000.

Weimann, Gunter: *See—*

Bosies, Elmar; Gall, Rudi; Weimann, Gunter; Bicker, Uwe; and Pahlke, Wulf, 4,492,659, Cl. 260-925.000.

Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, 4,544,631, Cl. 435-14.000.

Weimann, Norbert: *See—*

Dahm, Manfred; Weimann, Norbert; Nehen, Ulrich; Muller, Hanns P.; Jabs, Gert; Awater, Albert; and Barnes, James M., 4,517,141, Cl. 264-4.700.

Weimar, Erich, to Draftex Development AG. Finishing or sealing strips. 4,542,610, 9-24-85, Cl. 49-491.000.

Weimer, Daniel V. Turbine compressor clearance indicator device and method of using same. 4,539,755, 9-10-85, Cl. 33-172.00R.

Weimer, Eugen; and Muller, Gerhard, to Carl-Zeiss-Stiftung. Optical adjustment device. 4,515,447, 5-7-85, Cl. 350-527.000.

Weimer, Ralph E.; Kalowski, Thaddeus J.; and Novy, Robert A., to Restaurant Technology, Inc. Apparatus for preparing scrambled eggs. 4,522,117, 6-11-85, Cl. 99-348.000.

Wein, Edward, to Canada Packers Inc. High protein, solid dietary food product. 4,495,206, 1-22-85, Cl. 426-250.000.

Wein, Franz: *See—*

Kugler, Kurt; Lessmann-Mieske, Hans-Henning; and Wein, Franz, 4,550,285, Cl. 323-343.000.

Weinar, Roger N. Outside wallboard corner construction and edging member for said corners. 4,553,363, 11-19-85, Cl. 52-288.000.

Weinberg, Alan S.; Wofford, B. Gary; and Voso, Philip T., to W. R. Grace & Co., Cryovac Div. Shrink bag with integral handle. 4,555,025, 11-26-85, Cl. 206-497.000.

Weinberg, Felix J.: *See—*

Malik, Tahir I.; and Weinberg, Felix J., 4,529,374, Cl. 431-7.000.

Weinberg, Gerd: *See—*

Traumuller, Otfried; and Weinberg, Gerd, 4,550,832, Cl. 206-509.000.

Traumuller, Otfried; and Weinberg, Gerd, 4,550,847, Cl. 220-4.00F.

Weinberg, Harold N.; Rebick, Charles; and McElrath, Kenneth O., to Exxon Research & Engineering Co. Fluid coking with solvent separation of recycle oil. 4,497,705, 2-5-85, Cl. 208-127.000.

Weinberg, Harold N.; Savage, David W.; and Weissman, Walter, to Exxon Research & Engineering Co. Delayed coking with solvent separation of recycle oil. 4,534,854, 8-13-85, Cl. 208-131.000.

Weinberg, Joshua. Attachment adapted for use with different necklaces. 4,530,221, 7-23-85, Cl. 63-2.000.

Weinberg, Maurice: *See—*

Saintsbury, John A.; Sampath, Parthasarathy; and Weinberg, Maurice, 4,549,402, Cl. 60-738.000.

Weinberg, Robert A.; Tabin, Clifford J.; and Bradley, Scott M., to Massachusetts Institute of Technology. Characterization of oncogenes and assays based thereon. 4,535,058, 8-13-85, Cl. 435-6.000.

Weinberg, Roger A.; and Glaser, Mark C., to Baker Oil Tools, Inc. Selective casing bore receptacle. 4,508,167, 4-2-85, Cl. 166-120.000.

Weinberg, Roger A., to Baker Oil Tools, Inc. Casing bore receptacle. 4,513,817, 4-30-85, Cl. 166-138.000.

Weinberg, Zeev A., to International Business Machines Corporation. Non-volatile memory cell using a crystalline storage element with capacitively coupled sensing. 4,535,349, 8-13-85, Cl. 357-23.600.

Weinberger, Royal, to North American Systems, Inc. Coffee filter package arrangement. 4,522,298, 6-11-85, Cl. 206-216.000.

Weinberger, Zvi, to Teletoken Ltd. Optically-readable cards. 4,505,498, 3-19-85, Cl. 283-91.000.

Weinblatt, Lee S. Screening method for monitoring physiological variables. 4,528,989, 7-16-85, Cl. 128-745.000.

Weindl, Alfred: *See—*

Wottka, Bernhard; and Weindl, Alfred, 4,551,294, Cl. 264-175.000.

Weiner, Andrew; and Hodgkins, Harold M., to Hodgkins, Harold M. Multifaced, foldable traffic display. 4,541,190, 9-17-85, Cl. 40-610.000.

Weiner, Antoine, to Arbed S.A. Process and apparatus for a direct formation of molten iron. 4,504,311, 3-12-85, Cl. 75-51.000.

Weiner, Antoine, to Arbed S.A. Process for increasing the degree of afterburning of carbon monoxide in the refining of iron melts. 4,511,397, 4-16-85, Cl. 75-59.170.

Weiner, Lewis. Motion picture film movement apparatus. 4,537,482, 8-27-85, Cl. 352-186.000.

Weiner, Milton L., to Mobil Oil Corporation. Oriented polypropylene with linear low density poly-ethylene copolymer coating. 4,505,969, 3-19-85, Cl. 428-213.000.

Weiner, Robert C. Tamper-indicating device and method. 4,505,399, 3-19-85, Cl. 215-230.000.

Weiner, Robert I. Ladder safety indicator. 4,554,994, 11-26-85, Cl. 182-18.000.

Weinerman, Lee S., to Eastern Company, The. Handle-operated door lock with latch-operator override. 4,511,166, 4-16-85, Cl. 292-29.000.

Weinert, Friedrich. Self-igniting smoking device. 4,491,139, 1-1-85, Cl. 131-351.000.

Weinert, Friedrich. Spindle drive with expansible chamber motors. 4,553,394, 11-19-85, Cl. 60-530.000.

Weinert, Hans-Juergen: *See—*

Thiemann, Karl-Heinz; Weinert, Hans-Juergen; and Rauchle, Wilfried, 4,562,121, Cl. 428-607.000.

Weinert, Hubert: *See—*

Grossa, Mario; Tigler, Dieter H.; and Weinert, Hubert, 4,539,287, Cl. 430-300.000.

Weingand, Kaspar: *See—*

Auracher, Franz; Buerk, Hermann; Keil, Rudolf; Stockmann, Michael; Weingand, Kaspar; and Zeitler, Karl-Heinz, 4,505,539, Cl. 350-96.150.

Weingardt, Rolf E.: *See—*

Vogel, William M., Jr.; Weingardt, Rolf E.; O'Guin, Waco J.; and Littenberg, Joseph S., 4,530,442, Cl. 220-354.000.

Weingart, Brooks E., to AMCA International Corporation. Apparatus and method for loading and unloading cargo lighters on or from ships. 4,492,310, 1-8-85, Cl. 212-191.000.

Weingart, Norman C.: *See—*

Priebe, Durward H.; Weingart, Norman C.; Zdanys, John, Jr.; and English, Jack A., 4,529,851, Cl. 200-16.00D.

Weingarten, Franz: *See—*

Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,503,674, Cl. 60-448.000.

Backe, Wolfgang; Weingarten, Franz; and Murrenhoff, Hubertus, 4,531,367, Cl. 60-447.000.

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Weingarten, Harold I., to Monsanto Company. Determination of collagenase by reacting with peptide substrates. 4,507,389, 3-26-85, Cl. 435-23.000.

Weingarten, Zvi. Sleeve valve with integral control chamber. 4,496,132, 1-29-85, Cl. 251-5.000.

- Weinhardt, Erolf: *See—*
  - Hofmann, Dieter; and Weinhardt, Erolf, 4,506,187, Cl. 313-341.000.
- Weinheimer, Alois: *See—*
  - Romeike, Arno; Regner, Richard; and Weinheimer, Alois, 4,547,932, Cl. 17-45.000.
- Weinhold, Friedrich: *See—*
  - Krappitz, Heinz; Carstensen, Hans-Peter; and Weinhold, Friedrich, 4,517,829, Cl. 73-49.800.
- Weinhold, Karl. Device for connecting flanged pipes. 4,496,176, 1-29-85, Cl. 285-365.000.
- Weinhold, Karl. Coupling for connecting hose or pipe ends. 4,555,131, 11-26-85, Cl. 285-91.000.
- Weinhold, Karl. Device to connect hose or pipe ends. 4,556,241, 12-3-85, Cl. 285-244.000.
- Weininger, Joseph L.: *See—*
  - Kim, Bang M.; and Weininger, Joseph L., 4,556,469, Cl. 204-263.000.
- Weinman, Milton. Desk pad. 4,529,226, 7-16-85, Cl. 281-15.00B.
- Weinmann AG: *See—*
  - Schoch, Robert, 4,552,251, Cl. 188-24.210.
- Weinmann GmbH & Co. KG: *See—*
  - Schoch, Robert, 4,538,707, Cl. 188-24.220.
  - Schoch, Robert, 4,551,932, Cl. 36-117.000.
- Weinraub, William C. L.: *See—*
  - Bohannon, William D., Jr.; Collins, Roy P.; Kinard, Michael D.; and Weinraub, William C. L., 4,557,560, Cl. 350-96.230.
- Weinrib, Harry P.: *See—*
  - Schenck, Robert R.; and Weinrib, Harry P., 4,553,542, Cl. 128-334.00R.
- Weinrieb, Steven W. Support apparatus for video game joystick control unit. 4,504,059, 3-12-85, Cl. 273-148.00B.
- Weins, Janine J.; and Weins, Michael J. Acoustic testing of complex multiple segment structures. 4,549,437, 10-29-85, Cl. 73-587.000.
- Weins, Michael J.: *See—*
  - Weins, Janine J.; and Weins, Michael J., 4,549,437, Cl. 73-587.000.
- Weinschel Engineering: *See—*
  - Patukonis, Robert J.; and Banning, Harmon W., 4,495,556, Cl. 363-59.000.
- Weinsdorfer, Helmut: *See—*
  - Egbers, Gerhard; and Weinsdorfer, Helmut, 4,535,516, Cl. 28-272.000.
- Weinshenker, Eugene: *See—*
  - Koger, Thurman J., II; Farrington, Theodore E., Jr.; and Weinshenker, Eugene, 4,552,709, Cl. 264-504.000.
- Weinshenker, Ned M.: *See—*
  - Sheldon, Bernard G.; Wingard, Robert E., Jr.; Weinshenker, Ned M.; and Dawson, Daniel J., 4,532,128, Cl. 424-78.000.
- Weinstein, Boris; and Orton, Edward, to Washington Research Foundation. Cyclic ester dienes, polymeric and other derivatives thereof. 4,525,540, 6-25-85, Cl. 525-327.200.
- Weinstein, David, to Maryland Cup Corporation. Ice cream cone with jacket attached and apparatus for producing same. 4,529,470, 7-16-85, Cl. 156-423.000.
- Weinstein, Eric. Beach kit including convertible bag-pillow cover. 4,546,507, 10-15-85, Cl. 5-419.000.
- Weinstein, Jay: *See—*
  - Afonso, Adriano; and Weinstein, Jay, 4,540,579, Cl. 514-195.000.
  - Afonso, Adriano; and Weinstein, Jay, 4,540,580, Cl. 514-195.000.
- Weinstein, Leonard M., to United States of America, National Aeronautics and Space Administration. Continuous laminar smoke generator. 4,493,211, 1-15-85, Cl. 73-147.000.
- Weinstein, Paul; and Winter, Joseph, to Olin Corporation. Laser sizing method and apparatus for fiber optic buffers. 4,491,463, 1-1-85, Cl. 65-2.000.
- Weinstein, Paul; and Kelmachter, Barry L., to Olin Corporation. Method and apparatus for laser sizing of optical fibers. 4,498,917, 2-12-85, Cl. 65-2.000.
- Weinstein, Raymond P., to Home Care Industries, Inc. Top loading upright vacuum cleaner bag and method of manufacturing the same. 4,512,788, 4-23-85, Cl. 55-374.000.
- Weinstein, Richard; Davis, James W.; and Campbell, Robert K., to Champion Spark Plug Company. Rotary atomizer coater. 4,555,058, 11-26-85, Cl. 239-223.000.
- Weinstein, Richard: *See—*
  - Seitz, David M.; and Weinstein, Richard, 4,520,949, Cl. 222-108.000.
- Weinstock, George M.: *See—*
  - Berman, Michael L.; Silhavy, Thomas J.; and Weinstock, George M., 4,503,142, Cl. 435-6.000.
- Weinstock, Joseph: *See—*
  - Chambers, Pamela A.; and Weinstock, Joseph, 4,514,394, Cl. 514-213.000.
  - Stringer, Orum D.; and Weinstock, Joseph, 4,554,284, Cl. 514-367.000.
  - Stringer, Orum D.; and Weinstock, Joseph, 4,554,287, Cl. 514-387.000.
- Weinstock, Leonard M.: *See—*
  - Amato, Joseph S.; Weinstock, Leonard M.; and Karady, Sandor, 4,508,921, Cl. 562-443.000.
  - Amato, Joseph S.; Karady, Sandor; and Weinstock, Leonard M., 4,525,582, Cl. 534-558.000.
- Weintraub, Marvin H.: *See—*
  - Melotik, Donald J.; Weintraub, Marvin H.; and Anderson, Arnold E., 4,539,233, Cl. 427-388.100.
- Weir, David: *See—*
  - Cunningham, Frank W.; and Weir, David, 4,522,196, Cl. 128-4.000.
- Weir, Donald B., to Maxwell Laboratories, Inc. Electromagnetic forming apparatus. 4,531,393, 7-30-85, Cl. 72-56.000.
- Weir, Donald R.; Masters, Ian M.; and Bolton, Gerald L., to Sherritt Gordon Mines Limited. Recovery of zinc from zinc containing sulphidic material. 4,505,744, 3-19-85, Cl. 75-120.000.
- Weir, Donald R.; Masters, Ian M.; Doyle, Barry N.; and Chalkley, Michael E., to Sherritt Gordon Mines Limited. Process for separately recovering zinc and lead values from zinc and lead containing sulphidic ore. 4,545,963, 10-8-85, Cl. 423-26.000.
- Weir, Donald R.: *See—*
  - Bolton, Gerald L.; and Weir, Donald R., 4,510,028, Cl. 204-119.000.
- Weir, Frederick E. Breakwater module and means for protecting a shoreline therewith. 4,498,805, 2-12-85, Cl. 405-31.000.
- Weir, Niall G.: *See—*
  - O'Callaghan, Cynthia H.; Ayres, Barry E.; Livermore, David G. H.; Newall, Christopher E.; and Weir, Niall G., 4,504,477, Cl. 514-203.000.
- Weir, Stanley M.: *See—*
  - Loos, Evelyn J., 4,504,996, Cl. 15-105.000.
- Weirauch, Donald F.: *See—*
  - Spinelli, Thomas S.; Manns, William G.; and Weirauch, Donald F., 4,546,406, Cl. 361-386.000.
- Weirich, Andreas H.; and Strawczynski, Leo, to Northern Telecom Limited. ADPCM Encoder/decoder with zero code suppression. 4,542,516, 9-17-85, Cl. 375-30.000.
- Weirich, Andreas H.; Strawczynski, Leo; and Munter, Ernst A., to Northern Telecom Limited. ADPCM Encoder/decoder with signalling bit insertion. 4,549,304, 10-22-85, Cl. 375-27.000.
- Weirich, Walter, to Gewerkschaft Eisenhutte Westfalia. Hydraulic coupling. 4,493,340, 1-15-85, Cl. 137-594.000.
- Weirich, Walter; Melis, Jurgen; and Wollenhaupt, Peter, to Gewerkschaft Eisenhutte Westfalia. Hydraulic connecting device. 4,534,584, 8-13-85, Cl. 285-24.000.
- Weirich, Walter; and Dettmers, Michael, to Gewerkschaft Eisenhutte Westfalia. Mine roof supports. 4,534,681, 8-13-85, Cl. 405-294.000.
- Weirich, Walter; and Peters, Bernd, to Gewerkschaft Eisenhutte Westfalia. Connecting devices for use with pneumatic or hydraulic hoses. 4,536,017, 8-20-85, Cl. 285-26.000.
- Weirich, Walter; and Dettmers, Michael, to Gewerkschaft Eisenhutte Westfalia. Hydraulic control devices for use with mining apparatus. 4,537,221, 8-27-85, Cl. 137-637.200.
- Weirich, Walter; and Peters, Bernd, to Gewerkschaft Eisenhutte Westfalia. Hydraulic coupling device. 4,544,185, 10-1-85, Cl. 285-137.00R.
- Weirich, Walter, to Gewerkschaft Eisenhutte Westfalia. Mine roof support unit having dust suppression means. 4,552,487, 11-12-85, Cl. 405-295.000.
- Weirich, Walter: *See—*
  - Behr, Friedrich; Schulten, Rudolf; and Weirich, Walter, 4,496,373, Cl. 55-16.000.
- Weis, Bruce T.; Helmy, Nash N.; Tweet, David E.; and Moechnig, Bruce W., to Cargill Incorporated. Dust suppressor apparatus. 4,552,573, 11-12-85, Cl. 55-312.000.
- Weis, Franz, to Metofer Inc. Floor distribution box. 4,529,833, 7-16-85, Cl. 174-48.000.
- Weis, Hans-Joachim: *See—*
  - Grittmann, Ernst-Juergen; Weis, Hans-Joachim; and Manzke, Klaus, 4,527,211, Cl. 360-109.000.
- Weis, Martin; and Scholz, Adolf, to BMD Badische Maschinenfabrik Durlach GmbH. Transport unit for castings. 4,501,313, 2-26-85, Cl. 164-404.000.
- Weis, Philip J.; and Cook, Richard A., to Dana Corporation. Countershaft driven power take-off. 4,546,661, 10-15-85, Cl. 74-15.400.
- Weis, Robert, to Foster Grant Corporation. Continuous gradient dyeing of plastic ribbon. 4,521,214, 6-4-85, Cl. 8-506.000.
- Weis, Rudolf R.; and Schutz, Rudolph W., to Crown Zellerbach Corporation. Plastic film wrapper and sealer apparatus. 4,490,962, 1-1-85, Cl. 53-550.000.
- Weis, Rudolf R.: *See—*
  - Schutz, Rudolph W.; and Weis, Rudolf R., 4,493,159, Cl. 34-43.000.
- Weis, Siegfried K.: *See—*
  - Frost, Charles C.; and Weis, Siegfried K., 4,506,763, Cl. 184-15.200.
  - Jasperse, Philip D.; Weis, Siegfried K.; and Sovis, Milo D., Jr., 4,530,609, Cl. 384-482.000.
- Weisblum, Bernard, to Wisconsin Alumni Research Foundation. Recombinant cloning vector, host for the vector, and method for using same. 4,529,695, 7-16-85, Cl. 435-68.000.
- Weisbrich, Alfred L. TARP Rotor system thrust, yaw and load control. 4,540,333, 9-10-85, Cl. 415-2.00A.
- Weisbrod, Helmut: *See—*
  - Thiel, Rudolf; Weisbrod, Helmut; and Braehler, Hermann, 4,537,291, Cl. 188-73.380.
- Weischedel, Anne S., executor: *See—*
  - Weischedel, Richard C., deceased, 4,558,264, Cl. 318-254.000.
- Weischedel, Richard C., deceased (by Weischedel, Anne S., executor), to General Electric Company. Current control method and circuit for electronically-commutated motors. 4,558,264, 12-10-85, Cl. 318-254.000.
- Weise, Carlos; Wolfer, Dietrich; and Patzke, Jorg, to Wacker-Chemie GmbH. Flame-resistant molding compositions containing oxides or hydroxides of rare earth elements. 4,548,979, 10-22-85, Cl. 524-403.000.
- Weise, Lutz: *See—*
  - Belart, Juan; Burgdorf, Jochen; Kircher, Dieter; and Weise, Lutz, 4,492,413, Cl. 303-92.000.
  - Belart, Juan; Burgdorf, Jochen; Weise, Lutz; Kircher, Dieter; and Goossens, Andre F. L., 4,521,061, Cl. 303-114.000.

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Weisenbarger, Gale M.; and Moran, John C. Apparatus and method for the treatment of well water therewith. 4,543,186, 9-24-85, Cl. 210-221.200.

Weisenberger, Johannes: *See—*

Roch, Josef; Nickl, Josef; Muller, Erich; Narr, Berthold; Weisenberger, Johannes; Zimmermann, Rainer; and Haarmann, Walter, 4,560,685, Cl. 514-222.000.

Weisenberger, Johannes M.: *See—*

Muller, Erich; Nickl, Josef; Narr, Berthold; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes M., 4,551,464, Cl. 514-312.000.

Weisenberger, Johannes-Maximilian: *See—*

Narr, Berthold; Nickl, Josef; Muller, Erich; Roch, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,597, Cl. 514-228.000.

Roch, Josef; Muller, Erich; Narr, Berthold; Nickl, Josef; Haarmann, Walter; and Weisenberger, Johannes-Maximilian, 4,518,596, Cl. 514-232.000.

Weisenburger, Lawrence P., to AMP Incorporated. Flat cable termination. 4,560,224, 12-24-85, Cl. 339-97.00C.

Weisend, Norbert A., Jr., to B. F. Goodrich Company, The. Deicer. 4,494,715, 1-22-85, Cl. 244-134.00A.

Weisend, Norbert A., Jr.; and Beard, William A., Jr., to B. F. Goodrich Company, The. Method and apparatus for prognosticating potential ice accumulation on a surface exposed to impact icing. 4,526,031, 7-2-85, Cl. 73-147.000.

Weisend, Norbert A., Jr., to B. F. Goodrich Company, The. Deicer for aircraft. 4,561,613, 12-31-85, Cl. 244-134.00A.

Weiser, Ernst A.: *See—*

Wolfsgruber, Friedrich; Weiser, Ernst A.; Gmohling, Werner; Kern, Hans; and Reifferscheid, Karl J., 4,540,436, Cl. 75-130.00A.

Weiser, Harald: *See—*

Klaus, Michael; Loeliger, Peter; and Weiser, Harald, 4,535,086, Cl. 514-337.000.

Weiser, Josef; Heinzl, Alfred; and Stadler, Heinz, to Siemens Aktiengesellschaft. Electromagnetic miniature relay and method of manufacture. 4,517,537, 5-14-85, Cl. 335-187.000.

Weiser, Josef: *See—*

Esterl, Robert; and Weiser, Josef, 4,540,963, Cl. 335-133.000.

Weiser, Martin: *See—*

Kotulla, Bernhard; Weiser, Martin; Faltin, Jurgen; Preis, Lothar; Schmidt, Rudolf; and Born, Eberhard, 4,501,516, Cl. 405-260.000.

Weisert, Edward D., to Rockwell International Corporation. Method of producing diffusion bonded superplastically formed structures. 4,509,671, 4-9-85, Cl. 228-157.000.

Weisgerber, David J., to Omark Industries, Inc. Replaceable nose assembly for chain saw guide bar. 4,561,181, 12-31-85, Cl. 30-387.000.

Weishalla, Gale F., to Pride Machine, Inc. Tool pack assembly. 4,554,815, 11-26-85, Cl. 72-349.000.

Weishar, William B.: *See—*

Erlandsson, Kjell I.; and Weishar, William B., 4,525,887, Cl. 14-71.300.

Weishaupt, Walter; and Steins, Wilfried, to Bayerische Motoren Werke Aktiengesellschaft. Process and apparatus for alternately switching radio signals over respective audio channels. 4,493,102, 1-8-85, Cl. 381-2.000.

Weishaupt, Walter: *See—*

Bourauel, Fritz; Flohr, Wolfgang P.; and Weishaupt, Walter, 4,524,612, Cl. 73-117.300.

Bourauel, Fritz; and Weishaupt, Walter, 4,551,703, Cl. 340-52.00D.

Grohmann, Kurt; and Weishaupt, Walter, 4,502,124, Cl. 364-442.000.

Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,523,283, Cl. 364-431.010.

Muhlberger, Heinz; Starmuhler, Erwin; Weishaupt, Walter; Flohr, Peter; and Bourauel, Fritz, 4,533,900, Cl. 340-52.00R.

Weisman, Morey. Technique for property enhancement of open-cell foam material. 4,525,386, 6-25-85, Cl. 427-185.000.

Weisman, Renee L.: *See—*

Adwalpalker, Avinash S.; Kumar, Ananda H.; and Weisman, Renee L., 4,504,322, Cl. 134-1.000.

Weiss, Albrecht: *See—*

Bartnik, Friedhelm; Schindler, Joachim; Weiss, Albrecht; and Schmid, Rolf, 4,518,697, Cl. 435-254.000.

Weiss, Andrew B.: *See—*

Alexander, Harold; Parsons, John R.; Strauchler, Irving D.; and Weiss, Andrew B., 4,512,038, Cl. 3-1.900.

Weiss, Arno; and Ulrich, Jorn, to B.A.T. Cigaretten-Fabriken GmbH. Process for improving the filling capacity of tobacco material. 4,523,598, 6-18-85, Cl. 131-291.000.

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Weiss, Arnold; Schutten, Herman P.; Cartz, Louis; Spellman, Gordon B.; Jaskolski, Stanley V.; and Wackman, Peter H., deceased (by Wackman, Connie M., personal representative), to Eaton Corporation. Plasma pinch X-ray apparatus. 4,536,884, 8-20-85, Cl. 378-119.000.

Weiss, Arnold: *See—*

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  Spielau, Paul; Fassbender, Helmut; and Weiss, Richard, 4,550,051, Cl. 428-285.000.
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Weiss, Sherman L. Caulking gun. 4,509,662, 4-9-85, Cl. 222-391.000.
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  Kramer, George M.; Weissman, Walter; Brown, Herbert C.; and Pettit, Rowland, deceased, 4,518,798, Cl. 560-233.000.
  Weinberg, Harold N.; Savage, David W.; and Weissman, Walter, 4,534,854, Cl. 208-131.000.
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Weissner, David W., to Meyco Products, Inc. Disappearing anchor. 4,497,152, 2-5-85, Cl. 52-709.000.
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  Fink, Hans-Ferdi; Klocker, Otto; Koerner, Gotz; Kunzel, Gert; Rossmy, Gerd; and Weitemeyer, Christian, 4,520,173, Cl. 525-403.000.
  Koerner, Gotz; and Weitemeyer, Christian, 4,501,911, Cl. 556-446.000.
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Weitman, Jacob. Method for heat recovery. 4,519,440, 5-28-85, Cl. 165-1.000.
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  Fischer, Rolf; Weitz, Hans-Martin; and Paust, Joachim, 4,521,342, Cl. 260-410.000.
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  Schmieder, Klaus; Paust, Joachim; Fischer, Rolf; and Weitz, Hans-Martin, 4,543,417, Cl. 549-375.000.
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Weitz, Robert; Neeff, Rutger; and Hugl, Herbert, to Bayer Aktiengesellschaft. Process for dyeing amide-containing fibre materials. 4,556,401, 12-3-85, Cl. 8-641.000.
Weitzel, Harold B.; and Parman, David G., to Ricwil, Incorporated. Heating device for utilizing the skin effect of alternating current. 4,532,375, 7-30-85, Cl. 174-107.000.
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Welburn, Ross D., to Motornetics Corporation. Reactance-commutated high resolution servo motor system. 4,551,708, 11-5-85, Cl. 340-347.0SY.
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Welch, Albert B., to LTV Aerospace and Defense Company. Agile receiver for a scanning laser radar. 4,515,472, 5-7-85, Cl. 356-5.000.
Welch, Alfred F., to Boeing Company, The. Spiral feeder for headed fasteners. 4,501,380, 2-26-85, Cl. 221-298.000.
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  Danna, Dominick; Wheeler, Robert C.; and English, Stanley R., 4,539,586, Cl. 358-98.000.
  Longacre, Andrew, Jr., 4,523,224, Cl. 358-42.000.
  Longacre, Andrew, Jr., 4,535,758, Cl. 128-6.000.
  Newman, Richard W.; Moore, William C.; and Richards, Byron A., 4,526,449, Cl. 351-205.000.
  Newman, Richard W.; Connors, John D.; Kugler, Andrew J.; and Loeffler, Herbert H., 4,552,153, Cl. 128-677.000.
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Welch, David P.; and Bennett, David R., to Procter & Gamble Company, The. Continuous motion spiral stacker. 4,547,113, 10-15-85, Cl. 414-49.000.

Welch, Edward W., to Sangamo Weston, Inc. Small outline potentiometer. 4,521,761, 6-4-85, Cl. 338-174.000.

Welch, John B., to Procter & Gamble Company, The. Liquid dishwashing detergent containing anionic surfactant, suds stabilizer and highly ethoxylated nonionic drainage promotor. 4,492,646, 1-8-85, Cl. 252-528.000.

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Welch, M. Bruce, to Phillips Petroleum Company. Olefin conversion. 4,547,617, 10-15-85, Cl. 585-646.000.

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Welch, Stephen R. Storage rack. 4,545,489, 10-8-85, Cl. 211-11.000.

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Welch, Thomas M., to Duplex Lighting, Inc. Spindle mounting base. 4,509,881, 4-9-85, Cl. 403-229.000.

Welch, Willard M., Jr., to Pfizer Inc. Process for preparing carboline derivatives. 4,510,308, 4-9-85, Cl. 546-85.000.

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Weldon, Scott B., to Crown Zellerbach Corporation. Apparatus and process for treating web material. 4,551,199, 11-5-85, Cl. 162-109.000.

Weldon, Thomas G., to Raytheon Company. Current source test circuitry. 4,495,462, 1-22-85, Cl. 324-120.000.

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Welk, John R., to Motorola, Inc. Multicolor display from monochrome or multicolor control unit. 4,549,172, 10-22-85, Cl. 340-703.000.

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Wellenstam, Kjell I., to Astra Meditec Aktiebolag. Head assembly for a vein stripper. 4,528,982, 7-16-85, Cl. 128-303.00R.

Weller, Gerhard; Rosenfeldt, Bernd; and Reis, Edmund, to Siemens Aktiengesellschaft. Galvanically separating coupling location for energy and/or signal transmission. 4,491,981, 1-1-85, Cl. 455-602.000.

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Weller, Harold N., III: *See—*

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Tiemann, Jerome J.; Cutler, Scott E.; and Welles, Kenneth B., II, 4,533,960, Cl. 358-310.000.

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Wellman, Donald C.; and Clark, William E., to Carrier Corporation. Variable volume multizone system. 4,549,601, 10-29-85, Cl. 165-2.000.
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Salzman, Norman; and Wellner, Edward, 4,527,982, Cl. 434-258.000.
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Cook, George E.; and Wells, A. Michael, Jr., 4,491,718, Cl. 219-124.220.
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Wells, David W., 4,546,919, Cl. 236-48.00R.
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Bratt, Richard G.; Gavrin, Edward S.; Schleimer, Stephen I.; Pilat, John F.; Wallach, Walter A., Jr.; Richmond, Michael S.; Belgard, Richard A.; Farber, David A.; Ahlstrom, John K.; Wallach, Steven J.; Katz, Lawrence H.; Wells, Douglas M.; Mundie, Craig J.; Clancy, Gerald F.; Bernstein, David H.; Jones, Thomas M.; and Bachman, Brett L., 4,498,131, Cl. 364-200.000.
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Wells, James E., to Air Products and Chemicals, Inc. Process for preparing triethylenediamine. 4,514,567, 4-30-85, Cl. 544-352.000.
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Wells, John R., to Wescor, Inc. Pipette controller. 4,527,437, 7-9-85, Cl. 73-864.110.
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Kamel, Mostafa M.; Wells, Larry D.; and Buchanan, Jerry C., 4,557,221, Cl. 123-1.00A.
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Wells, Rickey D.: *See—*
Bagwell, Bobby F.; and Wells, Rickey D., 4,500,071, Cl. 254-423.000.
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Wells, Roger, to Weyerhaeuser Company. Louvered steam box for controlling moisture profile of a fibrous web. 4,545,857, 10-8-85, Cl. 162-252.000.
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Wells, Wayne E., to Ford Motor Company. Axle clamp for filament reinforced synthetic material leaf springs. 4,519,590, 5-28-85, Cl. 267-52.000.
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Welman, Cornelis M., to Mattel, Inc. Solar tracking system employing inertial coasting. 4,510,385, 4-9-85, Cl. 250-203.00R.
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Welsh, James W., to Planning Research Corporation. Retention and cooling of plug-in electronic modules in a high shock and vibration environment. 4,538,675, 9-3-85, Cl. 165-80.00C.
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Welsh, Richard E., to Dentsply Research & Development Corp. Dental mixing and extrusion capsule. 4,515,267, 5-7-85, Cl. 206-219.000.
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Welsh, Russell J.: *See—*
McKenna, William J.; Silvers, Kenneth W.; Nickerson, Rand B.; Welsh, Russell J.; Walker, Harold R.; Cullity, Joseph A.; and Stryzak, Bohdan, 4,546,382, Cl. 358-84.000.
Welsh, Thomas M. Kinetic back support belt. 4,545,370, 10-8-85, Cl. 128-78.000.
Welt, Claire D. Protective eye cover. 4,502,476, 3-5-85, Cl. 128-132.00R.
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Welter, Charles J. Top carrier for a convertible jeep-type vehicle. 4,538,752, 9-3-85, Cl. 224-309.000.

- Welter, Mark F.: *See—*
  - Thompson, William I.; Welter, Mark F.; and Jodry, Dean L., 4,491,200, Cl. 187-61.000.
- Weltersbach, Wolfgang: *See—*
  - Ruprecht, Jurgen; and Weltersbach, Wolfgang, 4,510,521, Cl. 358-27.000.
- Weltman, David; and Tsipenyuk, Pyotr, to O.K. Industries Inc. Low profile IC test clip. 4,508,403, 4-2-85, Cl. 339-28.000.
- Welton, Charles L.; and Van Scoyk, Pershing R. Flexible spur holders and spurs. 4,513,561, 4-30-85, Cl. 54-83.00R.
- Welty, Dennis L.: *See—*
  - Main, W. Eric; Welty, Dennis L.; and Zobel, Don W., 4,491,804, Cl. 330-265.000.
- Welty, Kenneth B.: *See—*
  - McKnight, Hugh P.; Welty, Kenneth B.; and Dinius, Harold B., 4,500,247, Cl. 414-416.000.
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- Welzenbach, Manfred: *See—*
  - Hauk, Waldemar; Krull, Klaus; and Welzenbach, Manfred, 4,545,048, Cl. 370-1.000.
  - Schenkel, Klaus D.; and Welzenbach, Manfred, 4,525,834, Cl. 370-3.000.
- Weman, Olaf, to Klippan GmbH Sicherheitsgerate. Adjustable holder for vehicle safety belt. 4,522,426, 6-11-85, Cl. 280-808.000.
- Wempe, Lawrence K.: *See—*
  - Hausman, Mary L.; Miller, Gerald D.; and Wempe, Lawrence K., 4,503,185, Cl. 524-553.000.
- Wemple, Stuart H.: *See—*
  - Allyn, Christopher L.; Flahive, Peter G.; Iglesias, David E.; Schlosser, Wolfgang O. W.; and Wemple, Stuart H., 4,498,093, Cl. 357-22.000.
- Wen, Kuo Y.: *See—*
  - Manning, Bennett W.; Slechta, Leo J., Jr.; and Wen, Kuo Y., 4,504,907, Cl. 364-200.000.
- Wen, Maz. Automatic speed variating means for bicycle. 4,549,874, 10-29-85, Cl. 474-69.000.
- Wen Products, Inc.: *See—*
  - Soultanian, Setrak D., 4,560,915, Cl. 320-35.000.
- Wen, Sheree H.: *See—*
  - Melcher, Robert L.; and Wen, Sheree H., 4,504,727, Cl. 219-121.0LB.
- Wen, Wilson K., to AT&T Bell Laboratories. Control information communication arrangement for a time division switching system. 4,520,477, 5-28-85, Cl. 370-58.000.
- Wende, Russell E.: *See—*
  - Caveney, Jack E.; Moody, Roy A.; Bulanda, John J.; and Wende, Russell E., 4,519,129, Cl. 29-749.000.
- Wendel, Armin: *See—*
  - Ghyczy, Miklos; Imberge, Paul-Robert; and Wendel, Armin, 4,506,831, Cl. 239-10.000.
- Wendel, Harald: *See—*
  - Lang, Gunther; Wendel, Harald; and Konrad, Eugen, 4,528,283, Cl. 514-55.000.
- Wendel, Rainer, to Spilker, Susanne. Single-handedly flippable bag holder. 4,497,463, 2-5-85, Cl. 248-95.000.
- Wendl, Daniel P.: *See—*
  - Rudolph, Ronald M.; and Wendl, Daniel P., 4,517,748, Cl. 33-180.0AT.
- Wendling, Emile: *See—*
  - Bichara, Michel; Wendling, Emile; and Bodu, Michel, 4,533,536, Cl. 423-551.000.
- Wendling, Jean. Valve for pressurized cylinders for liquified gas. 4,510,964, 4-16-85, Cl. 137-210.000.
- Wendling, Paul R., to Goodyear Tire & Rubber Company, The. Solid state polymerization of polyester. 4,532,319, 7-30-85, Cl. 528-274.000.
- Wendling, Peter: *See—*
  - Casper, Rudolf; Wendling, Peter; Konter, Wolfgang; Pampus, Gottfried; and Hohmann, Gerhard, 4,525,561, Cl. 526-220.000.
- Wendorff, Donn. Trailer support stand. 4,548,418, 10-22-85, Cl. 280-1.000.
- Wendt, Alan C.; and Krakowski, David, to United States Gypsum Company. Drive-in trim system for intersecting hollow wall partitions. 4,497,150, 2-5-85, Cl. 52-242.000.
- Wendt, Alan C., to United States Gypsum Company. Pre-mitered doorframe assembly for partition wall construction. 4,513,549, 4-30-85, Cl. 52-211.000.
- Wendt, Alan C., to United States Gypsum Company. Clip for use with runner and runner assembly including the clip. 4,513,557, 4-30-85, Cl. 52-735.000.
- Wendt, David L.: *See—*
  - Kearsley, Walter H.; and Wendt, David L., 4,545,357, Cl. 123-556.000.
- Wendt, Hans: *See—*
  - Annen, Klaus; Laurent, Henry; Hofmeister, Helmut; Wiechert, Rudolf; Toepert, Michael; and Wendt, Hans, 4,555,507, Cl. 514-172.000.
- Wendt, Michael; and Schwanbom, Erik, to Dragerwerk Aktiengesellschaft. Suction adapter and medical draining set and method of using a tracheal draining device. 4,510,933, 4-16-85, Cl. 128-207.140.
- Wendt, Michael: *See—*
  - Freitag, Lutz; Wendt, Michael; and Dankwart, Franz J., 4,520,812, Cl. 128-204.250.
- Wendt, Richard L.: *See—*
  - Hignite, Alan L.; Wendt, Richard L.; Zeigler, Roy F.; and Zeigler, Warren L., 4,502,375, Cl. 98-115.0LH.
- Wendt, Timothy A.: *See—*
  - Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.
- Wener, Kenneth R.; and Tinkle, Anthony R., to Marathon Oil Company. Subocean bottom explosive seismic system. 4,516,227, 5-7-85, Cl. 367-15.000.
- Wener, Kenneth R., to Marathon Oil Company. System for and method of processing a seismic signal. 4,532,618, 7-30-85, Cl. 367-46.000.
- Wener, Kenneth R.: *See—*
  - Meeder, Charles A.; Tinkle, Anthony R.; and Wener, Kenneth R., 4,558,437, Cl. 367-15.000.
- Weng, Lih J.: *See—*
  - Rub, Bernardo; and Weng, Lih J., 4,503,420, Cl. 340-347.0DD.
- Wenger, Georg: *See—*
  - Gmeinder, Hermann; and Wenger, Georg, 4,514,604, Cl. 200-83.00N.
- Wenger, Helmut, to Zangl GmbH. Electrically heated cutting tool. 4,539,467, 9-3-85, Cl. 219-233.000.
- Wenger, Jean: *See—*
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  - Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,556,413, Cl. 71-94.000.
- Wenger, Jean-Louis: *See—*
  - Jeanneret, Yves; and Wenger, Jean-Louis, 4,506,782, Cl. 198-806.000.
- Wenger, John L.: *See—*
  - Papandrea, James J.; and Wenger, John L., 4,543,806, Cl. 70-30.000.
- Wenger, Martin: *See—*
  - Siegfried, Peter; and Wenger, Martin, 4,500,323, Cl. 48-197.00R.
- Wenger, Richard M.: *See—*
  - Gerteisen, Steven R.; Wenger, Richard M.; and Cannavo, Glenn M., 4,500,595, Cl. 428-294.000.
- Wenger, Robert L. Bowling ball retainer-towel device. 4,511,140, 4-16-85, Cl. 273-54.00B.
- Wenger, Roland, to Sandoz Ltd. Method for the total synthesis of cyclosporins, novel cyclosporins and novel intermediates and methods for their production. 4,554,351, 11-19-85, Cl. 544-177.000.
- Wengrovius, Jeffrey H., to General Electric Company. Aluminum bis(alkylsiloxide)acetoacetonate. 4,533,503, 8-6-85, Cl. 556-173.000.
- Wengrovius, Jeffrey H.; and Niedrach, Leonard W., to General Electric Company. Room temperature vulcanizable organopolysiloxane compositions and method for making. 4,554,310, 11-19-85, Cl. 524-715.000.
- Wengrovius, Jeffrey H., to General Electric Company. Room temperature vulcanizable organopolysiloxane compositions and method for making. 4,554,338, 11-19-85, Cl. 528-18.000.
- Wengrovius, Jeffrey H.: *See—*
  - Lockhart, Thomas P.; and Wengrovius, Jeffrey H., 4,517,337, Cl. 524-859.000.
- Wenig, Robert I.: *See—*
  - Smutek, John M.; Wenig, Robert I.; Webb, Nancy J.; and Waisman, Amnon, 4,553,206, Cl. 364-300.000.
- Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, to Ciba-Geigy Corporation. Benzofuran-2(3H)-ones used as anti-inflammatory agents. 4,514,415, 4-30-85, Cl. 514-470.000.
- Wenk, Paul; Breitenstein, Werner; and Baumann, Marcus, to Ciba-Geigy Corporation. Heterocyclicamino containing benzofurans and 2,3-dihydrobenzofurans, compositions and use. 4,558,043, 12-10-85, Cl. 514-210.000.
- Wenker, Wayne B., to Eaton Corporation. Hydraulic gerotor motor and parking brake for use therein. 4,493,404, 1-15-85, Cl. 192-4.00A.
- Wennberg, Timothy J.: *See—*
  - Frankel, Arthur E.; Johnson, Larry J.; and Wennberg, Timothy J., 4,555,957, Cl. 73-864.140.
  - Hewett, Gary E.; Atwood, Brian G.; and Wennberg, Timothy J., 4,554,839, Cl. 73-864.160.
- Wennerberg, Arnold N., to Standard Oil Company (Indiana). Metal-containing active carbon and methods for making and using same. 4,518,488, 5-21-85, Cl. 208-216.00R.
- Wennerberg, Arnold N.: *See—*
  - Connolly, John F.; Wennerberg, Arnold N.; and Waters, Robert F., 4,513,096, Cl. 502-185.000.
- Wenning, Hans-Peter: *See—*
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- Wenning, Thomas J.; and Lynn, Charles E., to Goodyear Tire & Rubber Company, The. Rubberized ball rod stud for automotive steering assembly. 4,555,198, 11-26-85, Cl. 403-130.000.
- Wenninger, Freddie W.: *See—*
  - Spangler, Richard M.; Burmeister, Eugene V.; Cada, Frank E.; Christopher, Chris J.; Covington, Wayne F.; Judd, Myles A.; Wenninger, Freddie W.; Watson, Robert E.; and Simcoe, Kent W., 4,546,448, Cl. 364-900.000.

Wensink, James B.: *See—*
  Matt, Timothy S.; and Wensink, James B., 4,506,488, Cl. 53-55.000.
Wenske, Rolf; Schnell, Hans; and Mirsberger, Peter, to Escher Wyss Aktiengesellschaft. Dewatering apparatus. 4,491,521, 1-1-85, Cl. 210-401.000.
Wensman, Britta: *See—*
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Wente, Claus-Heinrich: *See—*
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  Durkee, David B.; Koller, James P.; and Wentzel, Robert M., 4,516,140, Cl. 346-140.00R.
Wentzell, Timothy H.; and Kuljis, Zoran, to Combustion Engineering, Inc. Nozzle inner radius inspection system. 4,526,037, 7-2-85, Cl. 73-640.000.
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Wenzel, James G.; and Trimble, Lloyd C., to Lockheed Missiles & Space Company, Inc. Flexible retractable cold water pipe for an ocean thermal energy conversion system. 4,497,342, 2-5-85, Cl. 137-565.000.
Wenzel, Kenneth G.; and Duke, Jerry R., to Thorsen Tool Company. Ratchet wrench of the socket drive type with socket ejector. 4,524,652, 6-25-85, Cl. 81-63.000.
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  Kotthaus, Erich, 4,514,118, Cl. 409-26.000.
  Kotthaus, Erich, 4,530,623, Cl. 407-22.000.
  Moser, Franz; and Steinemann, Max, 4,535,697, Cl. 102-468.000.
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- Werner, Christian; and Klier, Michael, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Method and laser apparatus for measuring visual range, slant visual range and cloud altitude. 4,502,782, 3-5-85, Cl. 356-5.000.
- Werner, Daniel P.: *See—*
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- Werner, Ernest A., to J. H. Sessions & Son. Fastening assembly. 4,560,190, 12-24-85, Cl. 292-111.000.
- Werner, Frank D. Beam compass. 4,542,588, 9-24-85, Cl. 33-27.00C.
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- Werner, Gerhard: *See—*
  - Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.
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- Werner, Hans: *See—*
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- Werner, John. Method of sealing and protecting a plastic lined pipe joint. 4,507,842, 4-2-85, Cl. 29-451.000.
- Werner, John A., to Dow Chemical Company, The. Chlorine exchange for fluorine in 2-fluoro-pyridine compounds. 4,493,932, 1-15-85, Cl. 546-345.000.
- Werner, Jurgen: *See—*
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- Werner, Klaus: *See—*
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  - Anderson, Joseph R., 4,503,995, Cl. 222-219.000.
- Werner, Lester W. Adjustable bed with single crank and push-button control assembly. 4,499,618, 2-19-85, Cl. 5-68.000.
- Werner Looser Maschinenbau + Hydraulik: *See—*
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- Werner, Manfred: *See—*
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- Werner, Peter, to Siemens Aktiengesellschaft. Multipole high voltage circuit breaker. 4,518,838, 5-21-85, Cl. 200-303.000.
- Werner, Peter: *See—*
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  - Horbelt, Michael; Schnurle, Hans; Strauss, Peter; and Werner, Peter, 4,549,519, Cl. 123-493.000.
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  - Gnadig, Gerhard; and Kuklinski, Siegfried, 4,544,341, Cl. 425-192.00R.
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  - Lambertus, Friedrich, 4,511,320, Cl. 425-199.000.
  - Neubauer, Wilhelm; and Werner, Hans, 4,514,090, Cl. 366-91.000.
  - Rudolph, Joachim, 4,498,783, Cl. 366-132.000.
  - Rudolph, Joachim, 4,544,279, Cl. 366-132.000.
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- Werner, Robert O. Pneumatic line break control system and method. 4,507,128, 3-26-85, Cl. 48-193.000.
- Werner, Walter; Herzog, Klaus; and Szenger, Franz, to Carl-Zeiss-Stiftung. Work-contact probe head for coordinate-measuring instruments. 4,523,382, 6-18-85, Cl. 33-169.00R.
- Werner, Walter M., to AMP Incorporated. Device for use with high current carrying electrical cable. 4,504,034, 3-12-85, Cl. 248-63.000.
- Werner, Walter M.: *See—*
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- Werner, William A., to Werner, William A. Sign standard for supporting and displaying a sign. 4,498,657, 2-12-85, Cl. 248-623.000.
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- Werner, Wolfgang: *See—*
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- Werners, Theo F. H.; and Drenth, Berend W., to Hydraudyne B.V. Hoisting device with compensated tackle. 4,552,339, 11-12-85, Cl. 254-277.000.
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- Wernick, David L., to Exxon Research & Engineering Co. Preparation of cellulose acetate membrane and its use for polar solvent-oil separation. 4,541,972, 9-17-85, Cl. 264-41.000.
- Wernick, Jack H.: *See—*
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- Wernli, Walter L.; and Shirtum, Robert P., to Dow Chemical Company, The. Process for preparing relatively high molecular weight epoxy resins. 4,558,116, 12-10-85, Cl. 528-95.000.
- Werntze, Georg: *See—*
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- Werquin, Jean C.; and Mercier, Bernard, to Union Siderurgique du Nord et de l'Est de la France (USINOR). Rolling mill roll for a hot train of rolls. 4,507,366, 3-26-85, Cl. 428-682.000.
- Wersing, Wolfram: *See—*
  - Feigt, Ingmar; and Wersing, Wolfram, 4,541,017, Cl. 358-295.000.
- Werson, Michael J., to W. R. Grace & Co. Optical inspection system. 4,521,807, 6-4-85, Cl. 358-106.000.
- Werst, Mervin C., to United States of America, Navy. Real time data smoother and significant values selector. 4,493,047, 1-8-85, Cl. 364-724.000.
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- Wert, Kathleen L.; and Tremper, Alan W., to SmithKline Beckman Corporation. Process for preparing secondary amines. 4,540,819, 9-10-85, Cl. 564-340.000.
- Werth, Carl H., Jr., to Werth Engineering, Inc. Automatic adjusting gib assembly. 4,515,414, 5-7-85, Cl. 308-3.00R.
- Werth, Dee A.; and Luca, Vincent A., Jr., to Allied Corporation. Electrical connector assembly having a force actuated releasing arrangement. 4,522,458, 6-11-85, Cl. 339-45.00M.
- Werth, Dee A., to Allied Corporation. Electrical connector assembly having means for EMI shielding. 4,531,805, 7-30-85, Cl. 339-143.00R.
- Werth, Dee A.: *See—*
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- Werth Engineering, Inc.: *See—*
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- Werth, Larry J., to Pattern Processing Technologies, Inc. Pattern processing system. 4,541,115, 9-10-85, Cl. 282-14.000.
- Werth, Larry J.; and Paulson, Larry G., to Pattern Processing Technologies, Inc. Address sequencer for pattern processing system. 4,550,431, 10-29-85, Cl. 382-1.000.
- Werth, Larry J.; and Paulson, Larry G., to Pattern Processing Technologies, Inc. Response detector for pattern processing system. 4,551,850, 11-5-85, Cl. 382-18.000.
- Wertheim, Max M.; and Herbermann, Richard J., to Grumman Aerospace Corporation. Wind turbine maximum power tracking device. 4,525,633, 6-25-85, Cl. 290-44.000.
- Wertheimer, Harry P.; Libsch, Thomas A.; Pfeifer, Jerome L.; and Becker, Paul C., to Allied Corporation. Heated titania oxygen sensor. 4,535,316, 8-13-85, Cl. 338-34.000.
- Wertheimer, Michael R.: *See—*
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- Werther, Heinz-Ulrich: *See—*
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- Wertitsch, Werner: *See—*
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- Werwick, Volker: *See—*
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- Werz, Jakob F.; and Munk, Edmund, to Werzalit-Werke J. F. Werz KG. Device for the manufacture of pressed profiled bodies. 4,544,342, 10-1-85, Cl. 425-193.000.
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  - Werz, Jakob F.; and Munk, Edmund, 4,544,342, Cl. 425-193.000.
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- Weschenfelder, Otto T.; and Schmitt, Gunter K., to Koenig & Bauer Aktieugesellschaft. Former for a folder in a web-fed rotary printing press. 4,519,594, 5-28-85, Cl. 270-20.100.
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  - Fassel, Reinhard; Meier, Werner; Rauch, Hans; Wesemeyer, Jurgen; and Raddant, Hans-Joachim, 4,514,670, Cl. 318-467.000.
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- Wesley, William M. Inductive adaptor/generator for diesel engines. 4,517,833, 5-21-85, Cl. 73-119.00A.
- Wesner, Walter H.: *See—*
  - Pohndorf, Peter J.; and Wesner, Walter H., 4,553,961, Cl. 604-175.000.
  - Saulson, Stanley H.; and Wesner, Walter H., 4,530,368, Cl. 128-784.000.
- Wesoly, Heiner: *See—*
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  - Forssmann, Bernd; Wess, Othmar; Zech, Hendrik; and Chaussy, Christian, 4,530,358, Cl. 128-328.000.
- Wessel, Anton: *See—*
  - Lange, Wolf-Ruediger; Wessel, Anton; Bohler, Udo; Volkheimer, Klaus; Greiner, Gunter; and Islet, Peter, 4,555,806, Cl. 455-62.000.
- Wessel, Claude: *See—*
  - Gerber, Hans; Hidveghy, Ivan; Schaal, Gunter; Sturmer, Marian; Vogel, Eberhard; and Wessel, Claude, 4,503,425, Cl. 340-680.000.
- Wessel Company, Inc., The: *See—*
  - Jacobs, Anthony S.; Riley, James E.; and Christman, Jon D., 4,492,390, Cl. 281-31.000.
- Wessel, Tim. Pressurized/heated variable jet carburetor. 4,491,552, 1-1-85, Cl. 261-144.000.
- Wessel, Wolf: *See—*
  - Buck, Rainer; Kull, Hermann; Piwonka, Fridolin; Sieber, Albrecht; Stumpp, Gerhard; and Wessel, Wolf, 4,515,125, Cl. 123-359.000.
  - Buck, Rainer; Kuttner, Thomas; Piwonka, Fridolin; and Wessel, Wolf, 4,516,550, Cl. 123-357.000.
  - Buck, Rainer; Engel, Gerhard; Kuttner, Thomas; Sautter, Wilfried; and Wessel, Wolf, 4,538,571, Cl. 123-357.000.
  - Eckert, Konrad; Ripper, Wolfgang; and Wessel, Wolf, 4,531,499, Cl. 123-571.000.
  - Engel, Gerhard; and Wessel, Wolf, 4,554,899, Cl. 123-357.000.
  - Kull, Hermann; Wessel, Wolf; and Stumpp, Gerhard, 4,509,480, Cl. 123-359.000.
  - Laufer, Helmut; and Wessel, Wolf, 4,548,184, Cl. 123-569.000.
- Wesseler, Martin G.: *See—*
  - Temple, Russell A.; Wesseler, Martin G.; Harper, David C.; Eiland, Harry F.; and Tellkamp, Robert G., 4,523,837, Cl. 355-51.000.
- Wesseling, Karel H., to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Plethysmograph pressure correcting arrangement. 4,510,940, 4-16-85, Cl. 128-667.000.
- Wesseling, Karel H.; and de Wit, Benjamino, to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Method and device for controlling the cuff pressure in measuring the blood pressure in a finger by means of photo-electric plethysmograph. 4,539,997, 9-10-85, Cl. 128-667.000.
- Wesseling, Karel H.: *See—*
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- Wessely, Herrmann, to Siemens Aktiengesellschaft. Device for cooling a plurality of integrated modules combined on a flexible printed circuitboard to form logic cards. 4,517,624, 5-14-85, Cl. 361-387.000.
- Wessely, Herrmann, to Siemens Aktiengesellschaft. Cooling subrack for logic cards. 4,520,426, 5-28-85, Cl. 361-386.000.
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- Wessely, Jean-Yves: *See—*
  - Ingenbleek, Yves; Traitler, Helmut; and Wessely, Jean-Yves, 4,526,793, Cl. 426-72.000.
- Wessing, Egon, to Wickmann-Werke GmbH. Valve type voltage arrester device. 4,527,215, 7-2-85, Cl. 361-124.000.
- Wessing, Joseph C., Jr.: *See—*
  - Cohen, Alfred S.; and Wessing, Joseph C., Jr., 4,549,385, Cl. 52-742.000.
- Wessling, Ritchie A.; and Pickelman, Dale M., to Dow Chemical Company, The. Surface active polymeric surfactants containing side chain hydrophobes. 4,525,526, 6-25-85, Cl. 524-815.000.
- Wessling, Ritchie A.: *See—*
  - Schmidt, Donald L.; Klingler, Thomas C.; and Wessling, Ritchie A., 4,528,384, Cl. 549-78.000.
- Wesson, David S.: *See—*
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- Wesson, John P.: *See—*
  - Schilling, Curtis L., Jr.; Williams, Thomas C.; and Wesson, John P., 4,497,787, Cl. 423-345 000.
- Wesson, Laurence N., to TRW Inc. Photoelastic sensing device. 4,498,348, 2-12-85, Cl. 73-862.050.
- West & Associates, Inc.: *See—*
  - West, Gordon M., 4,523,264, Cl. 362-396.000.
- West, Bradford D., Jr.; and Berchtold, Jean, to Eastman Kodak Company. Alumina glass composition and magnetic head incorporating same. 4,544,974, 10-1-85, Cl. 360-120.000.
- West, Burnell G., to Fairchild Camera & Instrument Corporation. Temperature stabilized stop-restart oscillator. 4,497,998, 2-5-85, Cl. 219-210.000.
- West, Burnell G., to Fairchild Camera & Instrument Corporation. Deskew circuit for automatic test equipment. 4,550,405, 10-29-85, Cl. 371-1.000.
- West, C. Thomas; and Basalay, Robert J., to Standard Oil Company (Indiana). Hydrocarbon-soluble polyamine-molybdenum compositions, lubricants and gasoline containing same. 4,500,439, 2-19-85, Cl. 252-46.400.
- West, C. Thomas: *See—*
  - Basalay, Robert J.; West, C. Thomas; and Petrille, Dennis G., 4,519,926, Cl. 252-49.600.
- West, Chester R. Storage receptacle for electronic storage media. 4,512,469, 4-23-85, Cl. 206-387.000.
- West Company, The: *See—*
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  - Sutryn, Caroll S.; and Maietta, Michael G., 4,550,825, Cl. 206-222.000.
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- West, David E., to Magnetic Peripherals Inc. Method for verifying servo data. 4,516,162, 5-7-85, Cl. 360-25.000.
- West, Donald E., to Game Time, Inc. Playground climber. 4,497,484, 2-5-85, Cl. 272-113.000.
- West Electric Company, Ltd.: *See—*
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  - Makino, Hiroshi; Higuchi, Masaru; and Murata, Kazuou, 4,514,084, Cl. 356-4.000.
  - Niwa, Katsuhisa; and Ikeda, Takahiro, 4,502,770, Cl. 354-173.110.
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  - Shibata, Shunichi, deceased, 4,527,875, Cl. 354-225.000.
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- West, Francis, Jr., to Sanborn, Robert S., a part interest. Apparatus and method for controlling northerly turning error in direction indicating navigational instruments. 4,531,298, 7-30-85, Cl. 33-301.000.
- West, Frank M. Automobile horn circuit and replacement part therefor. 4,516,001, 5-7-85, Cl. 200-61.540.
- West, Gary A.: *See—*
  - Gupta, Arunava; West, Gary A.; and Yardley, James T., 4,558,017, Cl. 501-96.000.
- West, Gene P., to Gene West, Inc. Log splitter. 4,522,241, 6-11-85, Cl. 144-193.00A.

- West, Geoffrey A. W.; and Norton-Wayne, Leonard, to National Research Development Corporation. Detection apparatus. 4,496,971, 1-29-85, Cl. 358-106.000.
- West, Gerald W., to Honeywell Inc. Voltage transient protection circuit for MOSFET power transistors. 4,550,359, 10-29-85, Cl. 361-56.000.
- West, Gordon M., to West & Associates, Inc. Two-piece tube support assembly. 4,523,264, 6-11-85, Cl. 362-396.000.
- West, Harold H.; Johnson, Roger A.; and Clark, Charles W., Jr., to Ederer Incorporated. Safety mechanism for hoisting drums. 4,518,153, 5-21-85, Cl. 254-274.000.
- West, Herbert J.: *See—*
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- West, James C.; and Gesell, Elmer G., to Outboard Marine Corporation. Die casting process using disposable inserts during warm up. 4,550,762, 11-5-85, Cl. 164-98.000.
- West, James C., to Cochrane, Joe Collis, a part interest. Tire side wall cleaner. 4,551,952, 11-12-85, Cl. 51-241.00S.
- West, James D.: *See—*
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- West, James E.: *See—*
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- West, James F., to McCulloch Corporation. Chain saw braking system. 4,553,326, 11-19-85, Cl. 30-381.000.
- West, Jeffery A.; and Fletcher, Thomas D., to Signetics Corporation. Transistor-transistor logic circuit with hysteresis. 4,501,976, 2-26-85, Cl. 307-456.000.
- West, Jerry D.; and Vinson, Wayne W. Infant protecting commode insert. 4,551,871, 11-12-85, Cl. 4-661.000.
- West, Joe E., to Western Company of North America, The. Delivery and metering device for granulated and powdered materials. 4,535,915, 8-20-85, Cl. 222-56.000.
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  - Ward, William F., Sr.; and West, John B., 4,494,745, Cl. 271-95.000.
- West, John D.; Trainor, James E.; and Karman, James D., to Manitowoc Company, Inc., The. Large plate arc welder. 4,550,244, 10-29-85, Cl. 219-158.000.
- West, John W.: *See—*
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- West, Michael D., to International Telephone and Telegraph Corporation. Zone control valve. 4,553,733, 11-19-85, Cl. 251-291.000.
- West, Michael D., to International Telephone and Telegraph Corporation. Zone control valve. 4,560,140, 12-24-85, Cl. 251-11.000.
- West, Paul R.; and Griffing, Bruce F., to General Electric Company. Multilayer photoresist process utilizing cinnamic acid derivatives as absorbant dyes. 4,535,053, 8-13-85, Cl. 430-312.000.
- West, Philip G. Light source, manually operated. 4,523,261, 6-11-85, Cl. 362-192.000.
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- Westberg, Russell C. Honing control system. 4,510,720, 4-16-85, Cl. 51-34.00J.
- Westberg, Russell C. Boring head centering apparatus. 4,544,308, 10-1-85, Cl. 408-82.000.
- Westbrook, Charles. Wall bracket system. 4,516,751, 5-14-85, Cl. 248-276.000.
- Westcode, Inc.: *See—*
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  - Parsons, Robert E.; Westcott, Martha L.; and Johnson, Susan L., 4,548,845, Cl. 428-40.000.
- Westdale, Virgil W.; Hanrahan, James L.; and Anderson, William C., to AM International, Inc. Magnetic toner developing device. 4,514,077, 4-30-85, Cl. 355-3.0DD.
- Westdorp, Wolfgang A.: *See—*
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- Westendorf Mfg. Co., Ltd.: *See—*
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- Westendorf, Neal W.: *See—*
  - Langenfeld, Joseph W.; and Westendorf, Neal W., 4,538,955, Cl. 414-686.000.
- Westerberg, Hans; and Leandersson, Enar, to Siemens Aktiengesellschaft. Device for mounting accessories on a patient support apparatus. 4,506,872, 3-26-85, Cl. 269-322.000.
- Westergart, Chester V.: *See—*
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- Westerlund, Robert E.; and Read, Wayne L., to Westerlund, Robert E. High pressure pumping apparatus for semi-fluid material. 4,533,300, 8-6-85, Cl. 417-339.000.
- Westerlund, Tage S., to Linden-Alimak AB. Drive system for wire rope hoists. 4,502,570, 3-5-85, Cl. 187-22.000.
- Westerman, Charles W., to Ford Aerospace & Communications Corporation. Tapered-width leaky-waveguide antenna. 4,518,967, 5-21-85, Cl. 343-771.000.
- Westerman, Charles W., to Ford Aerospace & Communications Corporation. Log-periodic leaky transmission line antenna. 4,559,541, 12-17-85, Cl. 343-792.500.
- Westerman, Harry H., Jr.; and Prusak, John J., to RCA Corporation. Method and apparatus for removing flash from a molded recorded disc. 4,516,301, 5-14-85, Cl. 29-27.00C.
- Westerman, Harry H., Jr., to RCA Corporation. Transfer apparatus for a record molding press. 4,519,767, 5-28-85, Cl. 425-308.000.
- Westerman, Harry H., Jr., to RCA Corporation. Apparatus for use in trimming molded records. 4,535,223, 8-13-85, Cl. 219-354.000.
- Westerman, Harry H., Jr., to RCA Corporation. Apparatus for use in trimming of molded records. 4,535,224, 8-13-85, Cl. 219-373.000.
- Westerman, John: *See—*
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- Westermann, Hans-Jorg: *See—*
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- Westermann, Lothar; Wasel-Nielen, Horst-Dieter; and Sorbe, Gunter, to Hoechst Aktiengesellschaft. Method for cleaning a glass surface with solutions of dissolved pelleted components containing high molecular weight polyphosphates, carbonates and acid-forming substances. 4,502,892, 3-5-85, Cl. 134-6.000.
- Westermeir, Gisela; and Fehr, Friedhard, to Preh Elektrofeinmechanische Werke Jakob Preh Nachf. GmbH & Co. Thick-film capacitor manufactured by printed-circuit techniques. 4,555,745, 11-26-85, Cl. 361-320.000.
- Western AG-Sales Inc.: *See—*
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- Western Company of North America, The: *See—*
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- Western Design Corporation: *See—*
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- Western Digital Corporation: *See—*
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  - Chung, Randall; and Ambrosius, William, III, 4,550,391, Cl. 365-233.000.
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  - Hull, Richard W.; and Teslenko, Leonard, 4,519,086, Cl. 375-120.000.
- Western Gear Corporation: *See—*
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- Western Gear Machinery Co.: *See—*
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Basnett, Robert T.; and Bratkowski, Walter V., 4,559,511, Cl. 335-132.000.
Beard, Charles L., Jr.; and Camden, Thomas M., Jr., 4,493,814, Cl. 376-428.000.
Beer, Janos M.; Dilmore, James A.; Vermes, Geza; and Young, William E., 4,539,918, Cl. 110-266.000.
Bellows, James C., 4,509,332, Cl. 60-660.000.
Benbow, Eugene C., 4,491,789, Cl. 324-113.000.
Bettencourt, George S.; and Strickler, Robert E., 4,552,426, Cl. 339-75.00M.
Bharteey, Brit M.; and Rowe, Neal E., 4,539,541, Cl. 335-132.000.
Bieneman, Matthew J., 4,554,538, Cl. 340-799.000.
Blais, Phillip D., 4,557,986, Cl. 430-22.000.
Blewitt, Donald D.; and Vojnovich, Theodore, 4,528,536, Cl. 337-5.000.
Blewitt, Donald D.; and Gupta, Tapan K., 4,528,537, Cl. 337-5.000.
Blewitt, Donald D.; and Gupta, Tapan K., 4,533,893, Cl. 337-5.000.
Blewitt, Donald D.; and Gupta, Tapan K., 4,544,908, Cl. 337-279.000.
Bluzer, Nathan, 4,499,590, Cl. 377-60.000.
Bluzer, Nathan, 4,549,195, Cl. 357-30.000.
Bluzer, Nathan; and Lampe, Donald R., 4,559,638, Cl. 377-60.000.
Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,550,219, Cl. 174-21.00C.
Bolin, Philip C.; Bowman, Gary K.; Ellis, Charles S.; Hopkins, Melvyn D.; and Kane, Richard E., 4,556,755, Cl. 174-21.00C.
Boltrek, Henry, 4,535,880, Cl. 198-330.000.
Bone, George D., Jr., 4,538,150, Cl. 343-17.700.
Borgmeyer, Virgil L.; Galloway, Dudley L.; Sonnenberg, Gary N.; Gruczka, Jan S.; and Owen, Timothy C., 4,533,786, Cl 174-50.000.
Borsuk, Gerald M.; Chesson, Edwin E.; Beard, Jerome C.; and Lisle, Thomas K., Jr., 4,521,896, Cl. 377-60.000.
Bosna, Alexander A., 4,539,465, Cl. 219-137.700.
Brick, Michael J.; and Dirnberger, Linus R., 4,555,689, Cl. 340-19.00R.
Brooker, Lenon G., 4,510,199, Cl. 428-248.000.
Brooker, Lenon G., 4,514,462, Cl. 428-285.000.
Brooker, Lenon G.; and Jarrell, Donald L., 4,543,290, Cl. 428-336.000.
Buckley, Richard D., 4,503,605, Cl. 29-605.000.
Buckley, Richard D., 4,541,171, Cl. 29-605.000.
Bukowski, James M.; Midock, Gary E.; and Walko, Ronald J., 4,550,380, Cl. 364-494.000.
Burack, Robert D.; and Saska, Thomas J., 4,532,396, Cl. 219-10.49R.
Burke, Michael A., 4,540,038, Cl. 164-499.000.
Buzard, Paul F.; and Harrington, Robert J., 4,498,198, Cl. 375-91.000.
Byers, William A.; and Peterson, Steven H., 4,553,034, Cl. 250-458.100.
Calhoun, Gregory L.; and Candee, Clark B., 4,526,135, Cl. 122-382.000.
Camden, Thomas M., Jr.; and Orr, William L., 4,495,136, Cl. 376-172.000.
Cameron, Frank L., 4,520,337, Cl. 337-275.000.
Cannady, Daniel L., Jr., 4,540,624, Cl. 428-282.000.
Cannady, Daniel L., Jr.; Berg, Gilbert G.; Leschek, Walter C.; and Meier, Joseph F., 4,552,781, Cl. 427-57.000.
Caputo, William R., 4,507,607, Cl. 324-164.000.
Caputo, William R., 4,515,247, Cl. 187-29.00R.
Cargnel, Louis A., 4,533,718, Cl. 528-86.000.
Cham, Edward J.; and Specht, Theodore R., 4,493,016, Cl. 363-126.000.
Charles, Robert G.; and Hickam, William M., 4,523,996, Cl. 210-504.000.
Cherry, Sidney J., 4,501,941, Cl. 200-144.00B.
Cherry, Sidney J., 4,553,003, Cl. 200-144.00B.
Cherry, Sidney J.; and Turner, George R., 4,557,529, Cl. 308-4.00R.
Ciliberti, David F.; and Lippert, Thomas E., 4,539,025, Cl. 55-302.000.
Ciliberti, David F.; and Lippert, Thomas E., 4,553,986, Cl. 55-68.000.
Clancy, Steven J.; Whatley, James F.; and Heinke, Dennis, 4,540,985, Cl. 343-5.0DP.
Clarke, Rowland C.; and Eldridge, Graeme W., 4,544,417, Cl. 148-1.500.
Clements, Jack W.; and Faulkner, John R., 4,545,018, Cl. 364-474.000.
Cohen, Brian S.; Sanderson, Arthur C.; and Dowling, Kevin J., 4,529,315, Cl. 356-375.000.
Cotton, John F., 4,524,338, Cl. 335-8.000.
Cricchi, James R., 4,513,309, Cl. 357-42.000.
Cricchi, James R., 4,527,257, Cl. 365-184.000.

Cross, Michael; and Gordon, John T., 4,554,439, Cl. 219-497.000.
Csakvary, Tibor; Shum, Lanson Y.; and Miller, Bernard, 4,557,663, Cl. 414-751.000.
Culbreth, Thomas F., 4,553,014, Cl. 219-75.000.
Cutkosky, Mark R.; and Kurokawa, Eiki, 4,545,722, Cl. 414-730.000.
Dakin, Thomas W.; Studniarz, Stanley A.; and Chenoweth, Terrence E., 4,537,803, Cl. 427-385.500.
de Calvino y Teijeiro, Ben J., 4,510,359, Cl. 200-144.0AP.
De Lorenzi, John J.; and Sumka, Elmer H., 4,499,973, Cl. 187-29.000.
Dobson, Diane P.; Farrell, Michael J.; and Lutz, Raymond S., 4,501,985, Cl. 310-270.000.
Dominick, Thomas S.; and Anderson, Roy G., 4,555,681, Cl. 333-112.000.
Donaldson, George W., 4,551,944, Cl. 49-31.000.
Dorman, William J., 4,555,757, Cl. 364-165.000.
Down, Michael G., 4,519,837, Cl. 75-0.50B.
Driggers, John M., 4,523,177, Cl. 338-303.000.
Duncan, Robert, 4,521,374, Cl. 376-462.000.
Duncan, Robert, 4,556,776, Cl. 219-121.0LC.
Eisenstatt, Larry R.; and Radford, Kenneth C., 4,560,575, Cl. 427-6.000.
Elmore, Walter A., 4,538,195, Cl. 361-64.000.
English, William A.; and Young, Robert R., 4,516,916, Cl. 417-368.000.
Enriquez, Emanuel E., 4,555,724, Cl. 358-93.000.
Evans, Gary E., 4,553,145, Cl. 343-360.000.
Evans, Harmon A.; and Kwon, Young J., 4,556,420, Cl. 75-84.500.
Evans, William P.; McCabe, Robert J.; and Naviasky, Eric H., 4,506,171, Cl. 307-362.000.
Faulkner, James V., Jr., 4,513,382, Cl. 364-492.000.
Feilchenfeld, Michal M.; Byford, Roger G.; and Quan, Wing C., 4,534,056, Cl. 381-42.000.
Fell, Edwin H., 4,553,334, Cl. 33-181.00R.
Ferlan, Stephen J.; and Gesinski, Leonard T., 4,514,889, Cl. 29-229.000.
Fey, Maurice G., 4,509,177, Cl. 373-60.000.
Fey, Maurice G.; and Meyer, Thomas N., 4,530,101, Cl. 373-19.000.
Fikse, Douglas A., 4,527,457, Cl. 89-8.000.
Flick, Robert H.; and Huffman, Walter K., 4,528,531, Cl. 335-23.000.
Flick, Robert H.; and Huffman, Walter K., 4,539,538, Cl. 335-16.000.
Flick, Robert H.; and Dennis, Lawrence D., 4,554,423, Cl. 200-293.000.
Flick, Robert H.; and Huffman, Walter K., 4,554,427, Cl. 200-250.000.
Fogarty, John D.; and Borsuk, Gerald M., 4,547,802, Cl. 358-119.000.
Fogg, James L.; Vining, George E.; Smith, John H.; and Howell, Cecil A., 4,522,276, Cl. 177-145.000.
Freeman, Robert D., 4,536,764, Cl. 343-5.0SA.
Freeman, Willie B.; and Span, Richard M., 4,531,031, Cl. 200-82.00B.
Freitag, Ronald G.; Degenford, James E.; and Boire, Daniel C., 4,547,745, Cl. 330-286.000.
Fromson, Robert E., 4,541,909, Cl. 204-129.200.
Furgerson, Donald F., 4,533,997, Cl. 364-200.000.
Gaida, Walter E.; and Kun, Zoltan K., 4,540,550, Cl. 422-109.000.
Ghrist, William D., III, 4,512,185, Cl. 73-118.000.
Gibbs, Richard D.; and Johnson, Roger C., 4,493,138, Cl. 29-33.00Q.
Gigante, Joseph R.; and Ghoshtagore, Rathindra N., 4,532,702, Cl. 29-578.000.
Gjertsen, Robert K.; and Veronesi, Luciano, 4,534,933, Cl. 376-364.000.
Goldstein, Norman P.; and Lane, Stephen A., 4,551,298, Cl. 376-245.000.
Golub, Gregory J., 4,510,360, Cl. 200-151.000.
Golub, Gregory J., 4,520,687, Cl. 74-491.000.
Golub, Gregory J., 4,554,420, Cl. 200-11.0TC.
Gottlieb, Milton; and Steinbruegge, Kenneth B., 4,555,160, Cl. 350-358.000.
Greenheck, Donald W.; and Anderson, Lowell M., 4,527,400, Cl. 62-239.000.
Grunert, Kurt A.; and Huffman, Walter K., 4,553,115, Cl. 335-14.000.
Grunert, Kurt A.; and Changle, Joseph F., 4,554,421, Cl. 200-43.150.
Gyugyi, Laszlo, 4,538,220, Cl. 363-161.000.
Gyugyi, Laszlo, 4,555,659, Cl. 323-210.000.
Gyugyi, Laszlo, 4,560,917, Cl. 323-210.000.
Haderer, Norman G., 4,552,988, Cl. 174-74.00R.
Hagadorn, M. Weston, 4,554,456, Cl. 250-370.000.
Hall, Richard L., 4,560,100, Cl. 228-40.000.
Hammer, Joel B.; and Gronholm, Richard A., 4,546,279, Cl. 310-59.000.
Hammer, Joel B.; and Gronholm, Richard A., 4,547,688, Cl. 310-59.000.
Hawkins, Phillip J.; and Choby, Edward J., 4,555,833, Cl. 29-33.00T.
Healy, Jerry V., Jr., 4,523,296, Cl. 364-900.000.
Heberlein, Joachim V. R.; and Fey, Maurice G., 4,495,625, Cl. 373-107.000.
Heyne, Carl J.; and Deis, Daniel W., 4,534,263, Cl. 89-8.000.
Heyne, Carl J., 4,555,972, Cl. 89-8.000.
Hoffman, Richard A., 4,495,254, Cl. 428-632.000.
Hoffman, Richard A., 4,517,217, Cl. 428-632.000.
Hoffman, Richard A., 4,533,605, Cl. 428-635.000.
Hollmann, Martin; and Waclawik, Francis J., 4,523,538, Cl. 114-238.000.
Hruda, Robert M., 4,537,662, Cl. 204-1.00R.
Hultgren, Kent G., 4,511,306, Cl. 415-136.000.
Humphries, Benjamin T.; and Spisak, Andrew J., 4,525,642, Cl. 310-260.000.
Husson, Alan L.; and Tinios, Pantelis G., 4,547,732, Cl. 324-166.000.
Hwang, Eddie Y.; Szabo, Andras I.; and Shung, Wu-Shi, 4,554,788, Cl. 60-646.000.
Hwang, Eddie Y.; Shung, Wu-Shi; and Osborne, Robert L., 4,558,569, Cl. 60-657.000.
Ibrahim, El-Eraky A.; and Eckels, Phillip W., 4,492,088, Cl. 62-55.000.
Impink, Albert J., Jr.; Rumancik, Joseph A.; and Easter, James R., 4,552,718, Cl. 376-216.000.
Isenberg, Arnold O.; Ruka, Roswell J.; and Zymboly, Gregory E., 4,547,437, Cl. 429-30.000.
Jensen, Arthur S.; and Stull, Keefer S., Jr., 4,492,882, Cl. 307-497.000.
Jerson, Donald D.; and Chance, James F., 4,554,470, Cl. 310-45.000.
Jessee, Ralph D., 4,502,105, Cl. 363-41.000.
Jessee, Ralph D., 4,504,899, Cl. 363-56.000.
Johnson, Gerald D.; and Powell, Roger W., 4,530,719, Cl. 75-124.000.
Johnston, Paul M., 4,511,894, Cl. 340-756.000.
Johnston, Robert J.; Layciak, Stephen G.; and Colista, Dominic, 4,539,860, Cl. 74-483.0PB.
Junker, Warren R.; and Clark, William G., Jr., 4,528,856, Cl. 73-779.000.
Kalkbrenner, Ralph W.; and Kobuck, Richard M., 4,538,956, Cl. 414-735.000.
Keating, John E., 4,507,658, Cl. 343-12.00R.
Kemper, Christian T.; Osborne, Robert L.; and Bellows, James C., 4,517,468, Cl. 290-52.000.
Kerrey, John S.; and Duncan, Robert, 4,522,330, Cl. 228-182.000.
Killingsworth, Emmett D., 4,500,779, Cl. 250-231.0SE.
Killingsworth, Emmett D., 4,511,798, Cl. 250-231.0SE.
Kobuck, Richard M.; Miller, Richard A.; Kalkbrenner, Ralph W.; Kerrey, John S.; and Duncan, Robert, 4,492,844, Cl. 219-121.0LC.
Kobuck, Richard M.; and Jacobs, Arthur F., 4,510,372, Cl. 219-125.110.
Kobuck, Richard M.; and Kalkbrenner, Ralph W., 4,519,593, Cl. 269-40.000.
Kochka, Edgar L.; Tobin, Joseph M., deceased; and Neve, Arlene F., administratrix, 4,495,140, Cl. 376-207.000.
Kraft, David P., 4,529,065, Cl. 187-57.000.
Kramer, Arthur W., 4,503,903, Cl. 165-76.000.
Krause, Robert F.; Rauch, Gary C.; and Kasner, William H., 4,535,218, Cl. 219-121.0LH.
Kub, Francis J.; and Evey, William M., 4,499,653, Cl. 29-571.000.
Kub, Francis J., 4,549,196, Cl. 357-35.000.
Kuhn, Earl C., 4,531,070, Cl. 310-56.000.
Kun, Zoltan K.; and Malmberg, Paul R., 4,535,341, Cl. 346-107.00R.
Kwiecinski, James R., 4,554,322, Cl. 525-245.000.
Kwon, Young J.; and Evans, Harmon A., 4,511,399, Cl. 75-84.500.
Lahoda, Edward J., 4,540,512, Cl. 252-629.000.
Lamb, Miles P.; and Karol, Herman S., 4,525,095, Cl. 403-16.000.
Lambert, James L., 4,508,461, Cl. 374-161.000.
Lance, Joseph R., 4,517,259, Cl. 429-26.000.
Lance, Joseph R.; and Spurrier, Francis R., 4,548,875, Cl. 429-26.000.
Lanyi, William D.; and Clements, Jack W., 4,547,855, Cl. 364-474.000.
Lawrence, Fitzroy L.; and Tinios, Pantelis G., 4,503,939, Cl. 187-29.00R.
Lee, Pang K.; and Hickam, William M., 4,537,661, Cl. 204-1.00T.
Lemnios, Zachary J.; and Kim, He B., 4,494,997, Cl. 148-1.500.
Lenderking, Bruce N.; and Couch, Robert D., 4,532,601, Cl. 364-571.000.
Lenhoff, John G., Jr., 4,544,917, Cl. 340-347.0AD.
Leumann, Hans E.; Gerkey, Kenneth S.; and Wylie, Mark E., 4,532,709, Cl. 33-140.000.
Li, Hung J.; and Husak, Leonid, 4,536,815, Cl. 361-47.000.
Lilly, Gerard P., 4,554,889, Cl. 122-32.000.
Lindberg, Frank A., 4,507,708, Cl. 361-392.000.
Longenecker, Kenneth G.; and Geary, Thomas B., 4,518,983, Cl. 357-81.000.
Lorentz, Donald G., 4,557,835, Cl. 210-748.000.
Lowry, James, 4,501,345, Cl. 187-29.00R.
Lucas, Michael R., 4,554,575, Cl. 357-80.000.
MacArthur, Alexander D.; and Everett, Harry J., 4,534,320, Cl. 122-406.00R.
MacDonald, Robert C., 4,511,017, Cl. 187-29.00R.
Maier, Alfred E., 4,540,961, Cl. 335-16.000.
Maier, Alfred E., 4,551,597, Cl. 200-249.000.
Maier, Alfred E.; and Ricci, Louis N., 4,555,604, Cl. 200-255.000.
Marchetti, Joseph R.; and Thomas, Wilbur R., 4,501,787, Cl. 428-236.000.

Marchetti, Joseph R.; and Sanjana, Zal N., 4,524,107, Cl. 428-413.000.
Martens, Alan; Hobbs, Milton M.; and Snow, Bennie E., 4,552,099, Cl. 122-451.100.
Martens, Alan; and Myers, Gerry A., 4,555,906, Cl. 60-660.000.
Martens, Alan; Hobbs, Milton M.; and Myers, Gerald A., 4,561,254, Cl. 60-660.000.
Martin, Donald G.; and York, Donald M., 4,496,933, Cl. 338-55.000.
Martin, Frank E., 4,553,815, Cl. 350-96.230.
Martin, Harry F., 4,541,247, Cl. 60-660.000.
Mayer, Donald K., 4,537,045, Cl. 62-503.000.
Melamed, Nathan T., 4,543,296, Cl. 428-522.000.
Mendler, Oliver J., 4,494,486, Cl. 122-491.000.
Meuschke, Robert E.; and Schulties, Joseph R., 4,511,499, Cl. 252-626.000.
Meuschke, Robert E.; Sherwood, Donald G.; and Silverblatt, Bernard L., 4,519,519, Cl. 220-211.000.
Meyer, Jeffry R., 4,501,466, Cl. 339-255.00P.
Meyer, Thomas N., 4,541,866, Cl. 75-53.000.
Milianowicz, Stanislaw A.; Davies, Norman; and Wallace, Charles K., 4,491,704, Cl. 200-144.00B.
Miller, Coleman J.; and Barron, Robert R., 4,539,535, Cl. 333-164.000.
Miller, Donald L.; and Przybysz, John X., 4,536,783, Cl. 357-38.000.
Miller, Henry W., 4,503,349, Cl. 310-178.000.
Miller, Richard A.; and Lessman, Gerald G., 4,492,843, Cl. 219-121.0LC.
Miller, Richard A., 4,500,771, Cl. 219-121.0LH.
Miller, Richard A.; and Bucher, George D., 4,560,856, Cl. 219-121.0LC.
Miller, Robert C., 4,491,790, Cl. 324-142.000.
Mitzner, Erik L., 4,522,103, Cl. 89-1.811.
Moates, Roger D., 4,536,762, Cl. 340-870.020.
Moore, William H.; Mandel, Alan F.; Trosky, William J.; Eichler, Kenneth M.; Tomas, Stephen P.; Tober, Edward; and Vasold, Thomas A., 4,512,442 Cl. 187-29.00R.
Morris, Arnold M.; and Trivedi, Jitendra K., 4,537,286, Cl. 187-1.00A.
Morrison, Heber J.; and Koenig, Lawrence W., 4,502,085, Cl. 361-56.000.
Mrenna, Stephen A.; Thomas, Glenn R.; and Haugh, Charles E., 4,503,408, Cl. 335-35.000.
Mulach, Arthur; and Calfo, Raymond, 4,494,030, Cl. 310-256.000.
Murray, Alexander P.; and Snyder, Thomas S., 4,537,666, Cl. 204-129.950.
Nadalin, Robert J.; and Charles, Robert G., 4,496,445, Cl. 204-158.00R.
Nasuta, Anthony T.; and Boenning, Robert A., 4,504,921, Cl. 364-550.000.
Nelson, Robert L.; and Stough, Donald M., 4,553,924, Cl. 431-12.000.
Nguyen, Tac H.; and Husson, Alan L., 4,499,974, Cl. 187-29.00R.
Norris, George W.; Kobuck, Richard M.; Varley, William J.; Jacobs, Arthur F.; and Ferree, Herbert E., 4,502,347, Cl. 74-447.000.
North, William E.; Holden, Paul C.; and Hultgren, Kent G., 4,515,523, Cl. 415-115.000.
Novak, Paul G.; and Specht, Theodore R., 4,513,243, Cl. 323-361.000.
Oates, Robert M.; Petronio, Carlo F.; and Kraus, Mark G., 4,518,917, Cl. 324-207.000.
Olver, Terence E., 4,560,945, Cl. 330-149.000.
Osial, Thaddeus A.; Bosna, Alexander A.; and Kulak, Richard J., 4,521,668, Cl. 219-121.0LC.
O'Sullivan, William T.; and Pace, Earl C., 4,543,891, Cl. 110-185.000.
Owen, Timothy C.; and Witzigman, Charles J., 4,559,699, Cl. 29-602.00R.
Parker, Merle A.; Rice, George F.; and Patrick, Stanley S., 4,554,128, Cl. 376-252.000.
Partington, Albert J.; and Warner, Ronald E., 4,533,298, Cl. 416-191.000.
Pavlik, Dennis; and Gronholm, Richard A., 4,508,985, Cl. 310-55.000.
Pelowski, Kenneth R.; and Winkel, Robert J., 4,493,002, Cl. 361-93.000.
Pelowski, Kenneth R., 4,560,936, Cl. 324-418.000.
Perschka, Dale O., 4,529,138, Cl. 242-4.00R.
Pilgrim, Lawrence G., Jr.; and Jackson, Leigh F., 4,492,668, Cl. 376-440.000.
Plankenhorn, Daniel J., 4,539,462, Cl. 219-121.0LV.
Pollard, David D.; and Ho, Ting-Long, 4,504,850, Cl. 357-79.000.
Przybysz, John X.; and Ostop, John A., 4,514,898, Cl. 29-582.000.
Przybysz, John X.; and Schlegel, Earl S., deceased, 4,516,315, Cl. 29-576.00B.
Przybysz, John X., 4,555,845, Cl. 29-574.000.
Pudims, Albert A., 4,556,273, Cl. 339-103.00M.
Putman, Richard E., 4,500,950, Cl. 364-138.000.
Putman, Thomas H., 4,513,240, Cl. 323-210.000.
Radford, Kenneth C.; Keller, Herbert W.; Parks, Beryl H.; and Fuller, Robert R., 4,560,462, Cl. 204-298.000.
Radus, Raymond J., 4,554,524, Cl. 337-3.000.
Randall, Charles E., 4,530,189, Cl. 52-30.000.
Rauch, Gary C.; and Krause, Robert F., 4,520,335, Cl. 336-212.000.
Reuther, John F., 4,536,126, Cl. 290-40.00R.
Rich, Edward L., III; and Yalim, Yucel Y., 4,507,640, Cl. 336-223.000.
Riggins, Oral L.; Mills, Sherry J.; Warkentin, John H.; Stephans, Joseph P.; and Wisdom, Clancy O., 4,528,433, Cl. 200-150.00C.
Riley, Robert F.; Meyer, Thomas I.; and Jordan, Wesley N., 4,519,662, Cl. 339-94.00R.
Rinefierd, Robert J., Jr., 4,542,443, Cl. 361-415.000.
Ritter, Catharine A., 4,530,138, Cl. 29-25.350.
Roberts, Richard D.; Franz, James H., Jr.; Hoffman, Lester J.; and Miller, Lalan G., 4,516,059, Cl. 318-301.000.
Rohatgi, Ajeet; Rai-Choudhury, Prosenjit; Gigante, Joseph R.; Singh, Ranbir; and Fonash, Stephen J., 4,522,657, Cl. 148-1.500.
Rosswurm, Mark A., 4,556,842, Cl. 324-102.000.
Rostron, Joseph R.; and Perulfi, John R., 4,510,477, Cl. 336-92.000.
Rowe, Neal E., 4,524,598, Cl. 72-198.000.
Ruhle, Philip G., 4,492,143, Cl. 89-1.816.
Ruka, Roswell J., 4,562,124, Cl. 429-30.000.
Safiuddin, Mohammed, 4,513,232, Cl. 318-341.000.
Safiuddin, Mohammed; and Surana, Bhupendra S., 4,532,597, Cl. 364-471.000.
Sagmuller, Joseph, 4,531,051, Cl. 235-1.00C.
Sassano, Daniel R., 4,520,161, Cl. 525-11.000.
Sattler, Frank A., 4,496,715, Cl. 528-288.000.
Scala, Luciano C.; Alvino, William M.; and Fuller, Timothy J., 4,533,448, Cl. 204-181.700.
Schaff, Fredrick L.; and Gottlieb, Milton, 4,500,175, Cl. 350-358.000.
Schenk, Harold L., Jr.; and Junker, Warren R., 4,553,095, Cl. 324-230.000.
Schmitz, William E., 4,511,832, Cl. 318-685.000.
Schoumaker, Raoul J. P., 4,541,599, Cl. 248-222.200.
Schoumaker, Raoul J. P.; and Harter, Mark A., 4,546,889, Cl. 211-105.300.
Scott, Julian C., 4,543,730, Cl. 33-366.000.
Seidel, Joseph, 4,519,425, Cl. 141-1.100.
Shallenberger, John M.; and Ferlan, Stephen J., 4,522,780, Cl. 376-260.000.
Shariff, Sadiq A.; Bharteey, Brij M.; and Mehkri, Shahab A., 4,528,614, Cl. 361-379.000.
Shea, Henry J.; and Sumka, Elmer H., 4,491,199, Cl. 187-29.00R.
Sherwood, Edward F.; Orndorff, Karl B.; and Dillon, Charles M., 4,514,946, Cl. 52-211.000.
Shields, Edward P.; and Bassler, Elmer A., Jr., 4,547,117, Cl. 414-404.000.
Shields, Edward P., 4,551,299, Cl. 376-261.000.
Shore, David J., 4,492,481, Cl. 384-228.000.
Shuey, Kenneth C.; and Doughman, Charles L., 4,500,837, Cl. 324-102.000.
Shum, Lanson Y., 4,499,784, Cl. 74-479.000.
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Whang, J. S.; and Wollmann, Andrew F., to Quartz Engineering & Materials, Inc. Slotted cantilever diffusion tube system and method and apparatus for loading. 4,543,059, 9-24-85, Cl. 432-11.000.
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Whanger, James R.; and Staudenmayer, Ralph, to Hughes Tool Company. Method of manufacturing cutter elements for drill bits. 4,539,018, 9-3-85, Cl. 51-295.000.
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Wheeler, Jennifer M.; and Jackson, Dawn A., to Standard Telephones and Cables, plc. Ceramic capacitors and dielectric compositions. 4,536,821, 8-20-85, Cl. 361-321.000.
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  van Loveren, Augustinus G.; Sprecker, Mark A.; Whelan, Patrick; and Hanna, Marie R., 4,532,357, Cl. 568-327.000.
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Wheless, Jack C., to Philip Morris Incorporated. Method and apparatus for aligning oval cigarette filters. 4,535,790, 8-20-85, Cl. 131-94.000.
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Whetstone, Albert L.; Shaklee, Kerry L.; and Modjallal, Khosrow, to Display Interface Corporation. Noise mouse. 4,514,726, 4-30-85, Cl. 340-710.000.
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- Whitaker, Angus H.; McFarland, Keith E.; Lloyd, William A.; and Patrick, Willard J., to Xerox Corporation. Laterally translatable roll apparatus. 4,500,045, 2-19-85, Cl. 242-57.100.
- Whitaker, C. Gordon, to Mannesmann Tally Corporation. Single piece hammer module. 4,503,768, 3-12-85, Cl. 101-93.040.
- Whitaker, Gene C., to Whitlog, Inc. Self-contained lifting apparatus for low-boy trailers. 4,513,987, 4-30-85, Cl. 280-423.00B.
- Whitaker, Gene C., to Whitlog, Inc. Apparatus for converting a trailer having a cantilevered reach into a trailer having a reach extending between spaced-apart sets of wheels. 4,526,394, 7-2-85, Cl. 280-404.000.
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- Whitcomb, Carl E., to Oklahoma Agricultural and Mechanical Colleges Acting for and on Behalf of Oklahoma State University, Board of Regents for the. Air-root-pruning container. 4,497,132, 2-5-85, Cl. 47-66.000.
- Whitcomb, Carl E., to Oklahoma Agricultural and Mechanical Colleges Acting for and on Behalf of Oklahoma State University, Board of Regents for the. Air-root-pruning container. 4,510,712, 4-16-85, Cl. 47-66.000.
- Whitcomb, David R., to Minnesota Mining and Manufacturing Company. Chelating polymers for modifying metal surface properties. 4,500,601, 2-19-85, Cl. 428-403.000.
- White, Alan W., to Eastman Kodak Company. Preparation of 2-benzoxazolinones. 4,558,136, 12-10-85, Cl. 548-221.000.
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- White, Alice C. Athletic undergarment. 4,506,392, 3-26-85, Cl. 2-239.000.
- White, Allan E.; Coleman, David E.; and Miller, Steven R., to RCA Corporation. Statistical teaching apparatus. 4,493,651, 1-15-85, Cl. 434-188.000.
- White, Allan E., to RCA Corporation. Panel seal and support structure for fiber optic cable. 4,548,465, 10-22-85, Cl. 350-96.200.
- White, Anthony M.: *See—*
  - Dean, Anthony B.; Farrow, Robin F. C.; Migliorato, Piero; White, Anthony M.; and Williams, Gerald M., 4,494,133, Cl. 357-30.000.
  - Elliott, Charles T.; White, Anthony M.; and Field, Howard J., 4,535,232, Cl. 250-206.000.
  - Elliott, Charles T.; and White, Anthony M., 4,551,623, Cl. 250-211.00R.
- White, Arthur C.: *See—*
  - Kohler, Richard B.; and White, Arthur C., 4,514,509, Cl. 436-518.000.
- White, Basil, to Twin Disc, Incorporated. Multi-speed reversible transmission of countershaft construction. 4,549,443, 10-29-85, Cl. 74-360.000.
- White, C. Max, to Thiokol Corporation. Igniter for rocket motors. 4,498,292, 2-12-85, Cl. 60-256.000.
- White, Carl J. Method and apparatus for entrapment prevention and lateral guidance in passenger conveyor systems. 4,519,490, 5-28-85, Cl. 198-333.000.
- White, Cecil: *See—*
  - Hann, William; Bosin, Sanford D.; and White, Cecil, 4,492,578, Cl. 433-213.000.
- White, Charles, Jr.: *See—*
  - Jones, John O., Jr.; and White, Charles, Jr., 4,544,867, Cl. 318-129.000.
- White, Charles M.; and Cosgrove, William J., to Harris Corporation. Automatic registration control system for color television cameras. 4,499,488, 2-12-85, Cl. 358-51.000.
- White, Christopher D.; and Levy, Alan A., to Richardson-Vicks Ltd. Bactericidal tabletting composition and tablets formed therefrom. 4,536,389, 8-20-85, Cl. 424-44.000.
- White, Christopher R. Wind propelled vessel. 4,537,145, 8-27-85, Cl. 114-91.000.
- White, Claude C.; and Carr, Frederick, to Birmingham Bolt Company; and Jim Walter Resources, Inc. Combination expansion shell and resin secured mine roof anchor assembly. 4,534,679, 8-13-85, Cl. 405-261.000.
- White, Claude C.; and Carr, Frederick, to Birmingham Bolt Company; and Jim Walter Resources, Inc. Combination expansion shell and resin secured mine roof anchor assembly. 4,534,680, 8-13-85, Cl. 405-261.000.
- White, Claude C., to Birmingham Bolt Company. Combination expansion shell and resin secured mine roof anchor assembly. 4,556,344, 12-3-85, Cl. 405-261.000.
- White Consolidated Industries, Inc.: *See—*
  - Cochrane, Michael W., 4,506,458, Cl. 34-48.000.
  - Earley, Robert W., 4,545,743, Cl. 417-372.000.
  - Eibe, Werner W., 4,502,311, Cl. 72-206.000.
  - Eibe, Werner W., 4,553,296, Cl. 29-113.00R.
  - Eibe, Werner W., 4,553,297, Cl. 29-113.0AD.
  - Eibe, Werner W., 4,557,028, Cl. 29-113.00R.
  - Mawby, Harold S.; and Johnston, Burdith W., 4,543,800, Cl. 62-339.000.
  - Mawby, Harold S.; and Frisbie, Carl W., 4,555,049, Cl. 222-517.000.
  - Moore, James G.; Obey, James H.; and Pinkel, Edward B., 4,511,431, Cl. 159-47.100.
  - Nussdorfer, William R.; Brancheau, Harry A.; and Clark, Steven C., 4,550,770, Cl. 165-29.000.
  - Stankard, James M., 4,554,796, Cl. 62-326.000.
  - Thrush, Roger L., 4,495,387, Cl. 200-6.00B.
  - Tripp, Dale S.; and Kunkle, Timothy E., 4,557,463, Cl. 251-210.000.
  - Wasemann, William A., 4,502,303, Cl. 68-23.200.
  - Wasemann, William A., 4,519,223, Cl. 68-23.500.
  - Zalewski, Gerald F., 4,498,213, Cl. 15-316.00R.
- White, Cyril J.; and Joyce, Christopher, to BICC Public Limited Company. Circuit board composite connector. 4,498,724, 2-12-85, Cl. 339-97.00R.
- White, Daniel S.; and Nave, Jerald L., to Grove Medical Supply, Inc., by said Jerald L. Nave. Pulmonary resuscitator. 4,520,811, 6-4-85, Cl. 128-203.110.
- White, David J.: *See—*
  - Bowling, Donald R.; Kinman, Darry M.; Afendykiw, Marko; and White, David J., 4,497,030, Cl. 364-481.000.
- White, David R., to Upjohn Company, The. 6'-Alkylspectinomycins. 4,532,336, 7-30-85, Cl. 549-361.000.
- White, David R.; and Maring, Clarence J., to Upjohn Company, The. Processes for the preparation of spectinomycin analogs, novel products and intermediates therein. 4,542,227, 9-17-85, Cl. 549-361.000.
- White, David W.: *See—*
  - Holt, Andrew; and White, David W., 4,536,375, Cl. 423-247.000.
- White, Don H. Angle stop valve wrench. 4,542,666, 9-24-85, Cl. 81-176.100.
- White, Dwain M., to General Electric Company. Polyphenylene oxide/polystyrene block copolymers. 4,495,333, 1-22-85, Cl. 525-150.000.
- White, Dwain M.; and Nye, Susan A., to General Electric Company. Continuous process for preparing polyphenylene oxides. 4,503,214, 3-5-85, Cl. 528-212.000.
- White, Dwain M., to General Electric Company. Process for preparing polyphenylene oxide-rubber graft copolymers and products obtained thereby. 4,517,341, 5-14-85, Cl. 525-152.000.
- White, Edward A. Phosphate fertilizer production. 4,536,378, 8-20-85, Cl. 423-321.00R.
- White, Eric F. T.: *See—*
  - Carus, Edmund H.; and White, Eric F. T., 4,517,793, Cl. 57-243.000.
- White, Eugene B., Jr., to White Machinery Corporation. Retractable wheeled vehicle. 4,497,257, 2-5-85, Cl. 105-215.00C.
- White, Eugene B., Jr., to White Machinery Corporation. Combination railcar moving vehicle and trailer spotter. 4,537,137, 8-27-85, Cl. 105-26.00R.
- White Farm Equipment Company: *See—*
  - Deckler, Harry C., 4,520,875, Cl. 172-126.000.
- White, Francis R.: *See—*
  - Geipel, Henry J., Jr.; Schaefer, Charles A.; White, Francis R.; and Wursthorn, John M., 4,527,325, Cl. 29-571.000.
  - Kinney, Wayne I.; Koburger, Charles W., III; Lasky, Jerome B.; Nesbit, Larry A.; Troutman, Ronald R.; and White, Francis R., 4,558,508, Cl. 29-571.000.
- White, Frank L. Grease gun extension assembly. 4,508,372, 4-2-85, Cl. 285-175.000.
- White, Frank T., to AT&T Technologies, Inc. Telephone mounting bracket for mobile home. 4,502,655, 3-5-85, Cl. 248-228.000.
- White, George, to Du Pont Canada Inc. Cross-linkable polyethylene compositions. 4,526,916, 7-2-85, Cl. 524-128.000.
- White, Gordon G.: *See—*
  - Leining, Lyndon R.; Bliese, Rodger W.; and White, Gordon G., 4,525,896, Cl. 17-1.00R.
- White, Gregory S., to Deere & Company. Planter row marker. 4,530,405, 7-23-85, Cl. 172-126.000.
- White, Harold R., to Alar Engineering Corporation. Filter aid. 4,510,055, 4-9-85, Cl. 210-500.100.
- White, Harold R., to Alar Engineering Corporation. Method of filtering. 4,510,061, 4-9-85, Cl. 210-769.000.
- White, Harold R., to Alar Engineering Corporation. Rotary vacuum pre-coat filter apparatus. 4,511,468, 4-16-85, Cl. 210-181.000.
- White, Harold V., to United States of America, Army. Azimuth transfer scheme for a strapdown Inertial Measurement Unit. 4,495,850, 1-29-85, Cl. 89-1.800.
- White, Harold V., to United States of America, Army. Vertical launch alignment transfer apparatus. 4,501,187, 2-26-85, Cl. 89-1.800.
- White, Harold V., to United States of America, Army. Alignment transfer and verification scheme for a portable land navigation system. 4,541,178, 9-17-85, Cl. 33-180.00R.
- White, Harvey C. Optical fiber sensing device for hydraulic motors. 4,527,054, 7-2-85, Cl. 250-227.000.

White, Herbert V., to J. M. Huber Corporation. Folding pallet jig. 4,498,895, 2-12-85, Cl. 493-476.000.
White, Hollis N., Jr. Hydrostatic steering unit with cylindrical slide member within clindrical valve sleeve. 4,494,915, 1-22-85, Cl. 418-61.00B.
White, Hollis N., Jr. Hydrostatic steering unit with cylindrical slide member within cylindrical valve sleeve. 4,494,916, 1-22-85, Cl. 418-61.00B.
White, Hollis N., Jr. Hydrostatic steering unit with cylindrical slide member within cylindrical valve sleeve. 4,552,519, 11-12-85, Cl. 418-61.00B.
White, Iain S., to Safety Devices (Engineering) Limited. Apparatus for visually displaying the load-moment, axle-load, or payload of a vehicle. 4,516,116, 5-7-85, Cl. 340-685.000.
White, Jack M., to Babcock & Wilcox Company, The. Cylindrical force transducer beam. 4,527,434, 7-9-85, Cl. 73-867.650.
White, Jackie L.; and Conrad, Lucas J., to R. J. Reynolds Tobacco Company. Process for increasing filling capacity of tobacco. 4,531,529, 7-30-85, Cl. 131-291.000.
White, Jackie L., to R. J. Reynolds Tobacco Company. Smoking product. 4,534,371, 8-13-85, Cl. 131-359.000.
White, Jackie L., to R. J. Reynolds Tobacco Company. Smoking product. 4,534,372, 8-13-85, Cl. 131-359.000.
White, Jackie L.: *See—*
  Conrad, Lucas J.; and White, Jackie L., 4,554,932, Cl. 131-296.000.
White, James A., to Miles Laboratories, Inc. Method and apparatus for converting radiant energy levels to digital data. 4,543,558, 9-24-85, Cl. 340-347.0AD.
White, James A.: *See—*
  Griffin, James R.; and White, James A., 4,509,335, Cl. 62-77.000.
White, James B. Brake valve safety device. 4,532,826, 8-6-85, Cl. 74-553.000.
White, James E.; Lobanoff, Mark; and Harris, Robert A., to Irvin Industries Inc. Automobile compartment cover with drop panel. 4,502,674, 3-5-85, Cl. 296-37.160.
White, James N. J.; and Caithness, Michael G., to Rodime Limited. Ventilation system for computer disc drive hub assembly. 4,538,192, 8-27-85, Cl. 360-98.000.
White, James T., Sr.; and Kennedy, Dan J., to Reichhold Chemicals, Incorporated. Water soluble one-component polymeric resin binder system for fiberglass mats. 4,506,060, 3-19-85, Cl. 525-163.000.
White, Jay P.: *See—*
  Irwin, J. Michael; and White, Jay P., 4,520,581, Cl. 36-88.000.
White, Jeffrey O.: *See—*
  Cronin-Golomb, Mark; Fischer, Baruch; White, Jeffrey O.; and Yariv, Amnon, 4,529,273, Cl. 350-354.000.
White, John B., Jr.; McHarg, Robert E.; and Stolfa, Frank, to UOP Inc. Visbreaking process. 4,536,280, 8-20-85, Cl. 208-106.000.
White, John D. Simplified alarm for a sliding door or the like. 4,495,486, 1-22-85, Cl. 340-546.000.
White, John D. Window-mounted Christmas tree. 4,511,607, 4-16-85, Cl. 428-13.000.
White, John F., to John Wyeth & Brother Limited. Benzoquinolizines as α_2-adrenoceptor antagonists. 4,550,114, 10-29-85, Cl. 514-294.000.
White, John F.: *See—*
  Shum, Wilfred P.; White, John F.; and Beals, Eva M., 4,522,934, Cl. 502-209.000.
  Shum, Wilfred P.; White, John F.; and Beals, Eva M., 4,537,998, Cl. 568-483.000.
  Shum, Wilfred P.; White, John F.; and Beals, Eva M., 4,558,154, Cl. 562-537.000.
White, John T.: *See—*
  Elliott, Harry A.; and White, John T., 4,497,170, Cl. 60-39.030.
White, Johnnie W., to Bally Midway Mfg. Co. Electrical connector block. 4,534,609, 8-13-85, Cl. 339-117.00R.
White, Jonathan C., to AT&T Bell Laboratories. Bromine anti-Stokes Raman laser. 4,500,995, 2-19-85, Cl. 372-3.000.
White, Jonathan C., to AT&T Bell Laboratories. Stimulated anti-Stokes Raman up-converter. 4,504,949, 3-12-85, Cl. 372-3.000.
White, Justin C.: *See—*
  Sayler, William H.; and White, Justin C., 4,531,461, Cl. 110-106.000.
White, Kenneth B., to Akzona Incorporated. Method for urethane-modified isocyanurate foams. 4,503,167, 3-5-85, Cl. 521-105.000.
White, Kenneth B., to Akzona Incorporated. Method for the manufacture of polyisocyanurate foams. 4,530,937, 7-23-85, Cl. 521-105.000.
White, Kenneth B., to Akzona Incorporated. Polyols for urethane-modified isocyanurate foams. 4,530,938, 7-23-85, Cl. 521-105.000.
White, Kenneth B.; and Largent, William J., to Akzona Incorporated. Method for the manufacture of polyisocyanurate foams. 4,542,163, 9-17-85, Cl. 521-105.000.
White, Kenneth B.; Richmond, James M.; and Stanley, Keith D., to Akzona Incorporated. Quaternary ammonium compounds and method for their manufacture. 4,544,506, 10-1-85, Cl. 260-462.00R.
White, Kirk E. Convertible cushion furniture. 4,518,203, 5-21-85, Cl. 297-456.000.
White, Lawrence K., to RCA Corporation. Method for detecting distance deviations to a photoresist surface in an optical printer. 4,498,775, 2-12-85, Cl. 356-375.000.
White, Lawrence K., to RCA Corporation. Multilayer planarizing structure for lift-off technique. 4,532,002, 7-30-85, Cl. 156-643.000.
White, Leola E. Seam ripper. 4,510,688, 4-16-85, Cl. 30-294.000.
White, Leonard A., to Baxter Travenol Laboratories, Inc. Method for forming container having re-entrant flange. 4,495,135, 1-22-85, Cl. 264-553.000.
White, Leonard A., to Baxter Travenol Laboratories, Inc. Cellular seal coating. 4,521,466, 6-4-85, Cl. 428-35.000.
White, Leonard A., to Baxter Travenol Laboratories, Inc. Transparentizing. 4,526,803, 7-2-85, Cl. 427-14.100.
White, Leonard A.: *See—*
  Cabernoch, James L., and White, Leonard A., 4,558,792, Cl. 215-11.00R.
White, Lionel S.; and Rao, G. R. Mohan, to Texas Instruments Incorporated. Processor system using on-chip refresh address generator for dynamic memory. 4,494,222, 1-15-85, Cl. 365-222.000.
White, Lionel S., Jr.: *See—*
  McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,533,843, Cl. 307-530.000.
  McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,543,500, Cl. 307-530.000.
  McAlexander, Joseph C., III; White, Lionel S., Jr.; and Rao, G. R. Mohan, 4,543,501, Cl. 307-530.000.
White, Lloyd R.: *See—*
  Forester, Roger J.; and White, Lloyd R., 4,543,113, Cl. 55-378.000.
White Machinery Corporation: *See—*
  White, Eugene B., Jr., 4,497,257, Cl. 105-215.00C.
  White, Eugene B., Jr., 4,537,137, Cl. 105-26.00R.
White, Malcolm J.: *See—*
  Robinson, William K.; and White, Malcolm J., 4,506,530, Cl. 70-338.000.
  Rogers, John; and White, Malcolm J., 4,534,191, Cl. 70-116.000.
White, Mark E. Chain saw sharpening guide. 4,535,654, 8-20-85, Cl. 76-36.000.
White, Mary A.; Beers, Melvin D.; Lucas, Gary M.; Smith, Robert A.; and Swiger, Roger T., to General Electric Company. One package, stable, moisture curable, polyalkoxy-terminated organopolysiloxane compositions and method for making. 4,517,352, 5-14-85, Cl. 528-18.000.
White, Mary N.: *See—*
  Hefner, Robert E., Jr.; and White, Mary N., 4,555,563, Cl. 528-96.000.
White, Maurice A.; Riggle, Peter; and Emigh, Stuart G. Stirling engine or heat pump having an improved seal. 4,532,766, 8-6-85, Cl. 60-517.000.
White, Maurice J. E. Dental product and method of dental treatment. 4,554,154, 11-19-85, Cl. 424-16.000.
White Mop Wringer Company: *See—*
  Wright, Paul O., 4,524,479, Cl. 15-147.00R.
White, Philip D.: *See—*
  Barnes, Christopher S.; Moore, Paul A.; and White, Philip D., 4,494,031, Cl. 310-313.00B.
White, Richard E., to Garlock Inc. Mechanical seal flush agitator and wear monitor for mechanical seals. 4,501,429, 2-26-85, Cl. 277-24.000.
White River Technologies, Inc.: *See—*
  Bowman, Harold L., 4,527,714, Cl. 222-56.000.
White, Robert: *See—*
  Baker, Hugh W. B.; and White, Robert, 4,551,035, Cl. 401-104.000.
White, Robert M.: *See—*
  Batina, William P.; and White, Robert M., 4,550,731, Cl. 128-419.0PT.
White, Robert N.: *See—*
  Muncaster, John W.; Roberts, Michael G.; Rowlett, R. David; Hoitink, Todd B.; Uffner, William E.; and White, Robert N., 4,508,770, Cl. 428-63.000.
  Uffner, William E.; and White, Robert N., 4,518,741, Cl. 525-54.500.
  Uffner, William E.; and White, Robert N., 4,528,241, Cl. 428-378.000.
  Uffner, William E.; White, Robert N.; and Harrington, Edward R., 4,537,921, Cl. 524-59.000.
  Uffner, William E.; and White, Robert N., 4,545,699, Cl. 404-31.000.
White, Robert W., to General Electric Company. Apparatus for assembling a dynamoelectric machine. 4,549,346, 10-29-85, Cl. 29-736.000.
White, Robert W.; and Kuzan, Frank R., to General Electric Company. Apparatus for assembling a dynamoelectric machine. 4,557,041, 12-10-85, Cl. 29-732.000.
White, Robert W.: *See—*
  Formo, Jerome L.; Lasher, Albert C.; and White, Robert W., 4,524,512, Cl. 30-147.000.
White, Roger B., to Continental Group, Inc., The. Container having prize indicia on the interior thereof. 4,559,729, 12-24-85, Cl. 40-306.000.
White, Roger N.: *See—*
  Gregory, Paul E., Jr.; and White, Roger N., 4,504,978, Cl. 2-59.000.
  King, Mary K.; White, Roger N.; and Gregory, Paul E., Jr., 4,504,977, Cl. 2-51.000.
White, Roger P.: *See—*
  Liebert, Richard B.; and White, Roger P., 4,522,472, Cl. 350-362.000.
White, Roy: *See—*
  D'Amelia, Ronald P.; Stroz, John J.; and White, Roy, 4,525,363, Cl. 426-3.000.
White, Russell T., Jr.: *See—*
  Blackwell, Kim J.; White, Russell T., Jr.; and Wilson, James W., 4,508,612, Cl. 204-298.000.
White Scientific Consultants Inc.: *See—*
  Blackwood, Carl I. R., 4,504,897, Cl. 363-39.000.
White Sea & Baltic Company Limited, The: *See—*
  Bugg, John W. J.; and Houlden, Stephen, 4,552,202, Cl. 164-528.000.
White, Stanley A., to Rockwell International Corporation. Computing device. 4,507,741, 3-26-85, Cl. 364-554.000.

White, Stanley A., to Rockwell International Corporation. Adaptive spectrum shaping filter. 4,524,424, 6-18-85, Cl. 364-724.000.

White, Stanley A., to Rockwell International Corporation. Parameter-setting approach to obtain high performance CTD transversal filters from devices with significant CTI and FPN. 4,539,536, 9-3-85, Cl. 333-165.000.

White, Stephen R.; and Feinberg, Jeffrey N. Foldable support stand. 4,555,128, 11-26-85, Cl. 281-45.000.

White, Steven J., to Technical Arts Corporation. High speed scanning method and apparatus. 4,498,778, 2-12-85, Cl. 356-376.000.

White, Taryn M.: *See—*

Hendrix, James E.; Daniels, John Y.; and White, Taryn M., 4,549,880, Cl. 8-115.520.

White, Thomas C. Intraocular lens. 4,513,456, 4-30-85, Cl. 3-13.000.

White, Thomas C. Intraocular lens. 4,542,540, 9-24-85, Cl. 623-6.000.

White, Thomas C. Myopia alleviation prosthesis. 4,549,529, 10-29-85, Cl. 128-1.00R.

White, Thomas C. Ocular pressure relief device. 4,554,918, 11-26-85, Cl. 604-10.000.

White, Walton L., to Auto Logic, Inc. Film media take-up spindle with automatic engagement pawl. 4,531,685, 7-30-85, Cl. 242-74.100.

White, Wayne; and Williams, Jim, to Whisco Component Engineering, Inc. Electrical tap connector. 4,547,033, 10-15-85, Cl. 339-97.00R.

White, Wayne D.: *See—*

Busta, Heinz H.; Tsao, Kuey-Yeou; White, Wayne D.; and Loeppert, Peter V., 4,508,613, Cl. 204-418.000.

White, William A.; and Namordi, Mooshi R., to Texas Instruments Incorporated. MESFET logic gate having both DC and AC level shift coupling to the output. 4,558,235, 12-10-85, Cl. 307-450.000.

White, William H.: *See—*

Ashlock, L. T.; Mukamal, Harold; and White, William H., 4,500,669, Cl. 524-440.000.

Ashlock, Lysander T.; Mukamal, Harold; and White, William H., 4,540,634, Cl. 428-451.000.

White, William I.: *See—*

Trimmer, Robert W.; and White, William I., 4,529,704, Cl. 436-14.000.

White, William L.; and Anzeveno, Peter B., to Dow Chemical Company, The. Synthesis of 11-deoxyprostaglandins. 4,532,081, 7-30-85, Cl. 260-464.000.

White, William L., to United States of America, National Aeronautics and Space Administration. Dual towline spin-recovery device. 4,538,778, 9-3-85, Cl. 244-75.00R.

White, William P. Pin inserting machine. 4,519,534, 5-28-85, Cl. 227-117.000.

White, William W., to James Howden & Company Limited. Scoop for picking up lubricant. 4,541,737, 9-17-85, Cl. 384-406.000.

Whited, Robert E. Endotracheal tube. 4,538,606, 9-3-85, Cl. 128-207.150.

Whitefield, John T.: *See—*

Viitanen, Jouko O.; and Whitefield, John T., 4,502,361, Cl. 84-1.260.

Whitefoot, Keith: *See—*

Sparks, David J.; Whitefoot, Keith; and Knubley, John S., 4,542,836, Cl. 222-27.000.

Whiteford, Carl. Woodworking plane. 4,492,260, 1-8-85, Cl. 145-5.00R.

Whiteford, Carl. Combination square, scribing tool and plumb level. 4,503,624, 3-12-85, Cl. 33-451.000.

Whitehall Corporation: *See—*

Copeland, James R., 4,500,980, Cl. 367-154.000.

Pearson, Raymond H., 4,530,075, Cl. 367-20.000.

Whitehead, David A., to Massey-Ferguson-Perkins Limited. Valve. 4,502,452, 3-5-85, Cl. 123-574.000.

Whitehead, Howard A., to Kimberly-Clark Corporation. Convolutely wound paper tampon tube. 4,508,531, 4-2-85, Cl. 604-14.000.

Whitehead, Howard A., to Kimberly-Clark Corporation. Fluid pervious thermoplastic containing web with fused barrier lines positioned in registry on the web. 4,526,825, 7-2-85, Cl. 428-74.000.

Whitehead, James S.: *See—*

van Linden, Jan H. L.; and Whitehead, James S., 4,540,163, Cl. 266-201.000.

Whitehead, Larry W., to Leggett & Platt, Incorporated. Foldable bed frame. 4,536,904, 8-27-85, Cl. 5-201.000.

Whitehead, Larry W., to Leggett & Platt, Incorporated. Adjustable box spring retainer bracket. 4,554,692, 11-26-85, Cl. 5-411.000.

Whitehead, Larry W., to Leggett & Platt, Incorporated. Sheet metal bedrail. 4,559,657, 12-24-85, Cl. 5-286.000.

Whitehead, Lorne A., to Canadian Patents & Development Limited. Lighting panel with opposed 45° corrugations. 4,542,449, 9-17-85, Cl. 362-330.000.

Whitehead, Richard A. Wheeled rocker toy. 4,494,763, 1-22-85, Cl. 280-1.175.

Whitehead, Richard O.: *See—*

Klingensmith, G. Bruce; Whitehead, Richard O.; and Higgins, Thair L., 4,536,537, Cl. 524-481.000.

Whitehead, Roy A.; Chagnon, Mark S.; Groman, Ernest V.; and Josephson, Lee, to Advanced Magnetics Inc. Magnetic particles for use in separations. 4,554,088, 11-19-85, Cl. 252-62.540.

Whitehead, Susan A.: *See—*

Lovinger, Gerald G.; and Whitehead, Susan A., 4,528,273, Cl. 435-116.000.

Whitehouse, Barbara J., executor: *See—*

Walker, Wellington J.; and Whitehouse, George M., deceased, 4,498,354, Cl. 74-625.000.

Whitehouse, Craig: *See—*

Fenn, John B.; Yamashita, Masamichi; and Whitehouse, Craig, 4,542,293, Cl. 250-288.000.

Whitehouse, Craig M.; Snyder, Daniel R.; and Luther, Ronald B., to DRS Infusion Systems, Inc.; and Luther Medical Products, Inc. Assembly with septum fitting for connecting adaptor and fluid tube. 4,559,043, 12-17-85, Cl. 604-201.000.

Whitehouse, Daniel L., to Solarex Corporation. Antireflective coating composition. 4,496,398, 1-29-85, Cl. 106-181.000.

Whitehouse, David N. Detachable platform for truck body or trailer. 4,522,550, 6-11-85, Cl. 414-498.000.

Whitehouse, George M., deceased: *See—*

Walker, Wellington J.; and Whitehouse, George M., deceased, 4,498,354, Cl. 74-625.000.

Whitehouse, Harper J.; and McKnight, William H., to United States of America, Navy. High speed optically controlled sampling system. 4,546,249, 10-8-85, Cl. 250-227.000.

Whitehouse, Harry T.: *See—*

Bagshaw, David P.; Kast, Michael A.; and Whitehouse, Harry T., 4,541,412, Cl. 126-419.000.

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- Whiteside, Michael G. Package assemblies. 4,505,389, 3-19-85, Cl. 206-460.000.
- Whiteside, Robert C.; Greynolds, Fred L.; and Arends, Albert W., to Leesona Corporation. Apparatus and methods for transferring nested stacks of plastic articles from an elevated chute to an underlying conveyor surface. 4,502,588, 3-5-85, Cl. 198-409.000.
- Whiteside, Robert C.; Arends, Albert W.; and Karklin, Roland, to Leesona Corporation. Thermoforming methods and apparatus. 4,555,377. 11-26-85, Cl. 264-292.000.
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- Whitley, George J.; Rayl, Martin; and Squire, William, to RCA Corporation. Multiple component lead processing apparatus. 4,520,549, 6-4-85, Cl. 29-566.300.
- Whitley, George J., to RCA Corporation. Component lead processing apparatus. 4,561,166, 12-31-85, Cl. 29-566.300.
- Whitley, Lawrence D., to International Business Machines Corporation. Indexed-indirect addressing using prefix codes. 4,531,200, 7-23-85, Cl. 364-900.000.
- Whitley, Oran D.; and Poque, James B. Pressure differential circulating valve. 4,527,629, 7-9-85, Cl. 166-321.000.
- Whitley, Ray D. Hose holding device. 4,550,892, 11-5-85, Cl. 248-90.000.
- Whitlock, Jonathan B.; and Drzala, Christopher W., to GK Technologies, Incorporated. Digital phase lock loop system. 4,531,102, 7-23-85, Cl. 331-1.00A.
- Whitlock, Robert R., to United States of America, Navy. Process for fabricating cryogenic targets and targets made thereby. 4,535,023, 8-13-85, Cl. 428-195.000.
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  - Whitaker, Gene C., 4,526,394, Cl. 280-404.000.
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  - Gordon, Marvin; and Lichtenstein, Joseph, 4,498,796, Cl. 401-132.000.
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- Whitman, William C. Thermal energy storage unit. 4,556,100, 12-3-85, Cl. 165-10.000.
- Whitmore, Martyn W.; Pollard, Michael D.; and Smythe, Stephen R., to FBC Limited. Process for the preparation of aliphatic azo compounds using an amine coupling. 4,546,174, 10-8-85, Cl. 534-838.000.
- Whitmore, Richard L. Paint-bucket holder. 4,519,565, 5-28-85, Cl. 248-237.000.
- Whitmoyer, Robert: *See—*
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- Whitney, Daniel E.: *See—*
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- Whitney, Thomas H., to Trayco Inc. Floor support for a bathtub. 4,551,869, 11-12-85, Cl. 4-592.000.
- Whitney, William G., to Alba-Waldensian, Inc. Wrap for impregnated dressing. 4,557,381, 12-10-85, Cl. 206-440.000.
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- Whitte, William M.: *See—*
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Wichterle, Otto, to Ceskoslovenska akademie ved. Soft lenticular contact lens with negative refraction. 4,519,681, 5-28-85, Cl. 351-160.00H.
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Wick, Alexander E.; and Binet, Jean, to Synthelabo. 3-Phenoxypropan-2-ol derivatives for treating glaucoma. 4,515,814, 5-7-85, Cl. 514-652.000.
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Wick, Alexander E., to Hoffmann-La Roche Inc. 4-Pyridone-3-carboxylic acid derivatives. 4,549,022, 10-22-85, Cl. 546-193.000.
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Wickham, David J.; Washbourn, Jack; and Cogan, Howard F., to Westinghouse Brake and Signal Co., Ltd. Electric actuators. 4,546,295, 10-8-85, Cl. 318-372.000.
Wickham, David J.; Washbourn, Jack; and Cogan, Howard F., to Westinghouse Brake and Signal Co., Ltd. Electric actuators. 4,546,298, 10-8-85, Cl. 318-372.000.
Wickham, David J.; Wilkins, Raymond A. S.; and Page, Edmund J., to Westinghouse Brake and Signal Co., Ltd. Braking systems for railway. 4,552,410, 11-12-85, Cl. 303-23.00R.
Wickham, Thomas D.; and Monson, Wayne R., to Harsco Corporation. Railroad measuring, gauging and spiking apparatus. 4,554,624, 11-19-85, Cl. 364-148.000.
Wicki, Gerhard; and Naff, Rolf, to Kontron Holding A.G. Detection of dynamic unbalances of centrifuges. 4,491,019, 1-1-85, Cl. 73-457.000.
Wicklund, Dale L. Animal trap. 4,513,527, 4-30-85, Cl. 43-87.000.
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  Zorb, Larry D.; and Wicklund, L. Harvey, 4,516,794, Cl. 285-30.000.
Wickman, James J.: *See—*
  Jackson, Keith L.; Renner, Eugene L.; Polley, Richard B.; and Wickman, James J., 4,546,706, Cl. 105-182.00E.
Wickman, John A.; Killion, John J., III; and Deschenes, Charles, to American Tourister, Inc. Luggage. 4,522,288, 6-11-85, Cl. 190-106.000.

Wickman, Kjell J.; and Wiklund, Klas R., to Pharos AB. Arrangement for checking dimensional accuracy. 4,556,322, 12-3-85, Cl. 356-375.000.

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Drothen, Michael; and Ressel, Willi, 4,523,172, Cl. 337-164.000.

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Wicks, Frank D.: *See—*

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Wicks, Harry O. Precast concrete expansion joint for roads and the like. 4,516,876, 5-14-85, Cl. 404-60.000.

Wicks, John L., to AMP Incorporated. Selective plating apparatus. 4,555,321, 11-26-85, Cl. 204-224.00R.

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Wickson, Edward J.: *See—*

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Wickwire, Ralph O.: *See—*

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Bass, Leland J.; Shah, Ashwin V.; and Wickwire, Ralph O., 4,550,315, Cl. 340-703.000.

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Geller, David A., 4,493,992, Cl. 250-221.000.

Kim, Syng N., 4,492,830, Cl. 200-6.00A.

Kim, Syng N., 4,509,631, Cl. 194-1.00A.

Kim, Syng N., 4,558,609, Cl. 74-471.0XY.

Peters, Albin, 4,498,670, Cl. 273-129.00V.

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Wiczer, Max, to Wico Corporation. Pinball game and rotatable bumper therefor. 4,504,057, 3-12-85, Cl. 273-119.00R.

Wiczer, Max, to Wico Corporation. Trackball device. 4,505,165, 3-19-85, Cl. 74-471.0XY.

Widdall, John A., to British Aerospace Public Limited Company. Testing the balance of a rotatable member. 4,513,619, 4-30-85, Cl. 73-455.000.

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Klein, Joachim; Widdecke, Hartmut; Doscher, Frank; and Pohl, Fritz, 4,522,952, Cl. 521-31.000.

Widden, Charles G.: *See—*

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Widder, Charles R.; and Wozniak, Don S., to Sherex Chemical Company, Inc. Polyester plasticizer. 4,504,652, 3-12-85, Cl. 528-480.000.

Widditsch, H. Robert. Hooded hook assembly. 4.523,357, 6-18-85, Cl. 24-230.50R.

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Wide-Lite International, Inc.: *See—*

Hernandez, Jose A., 4,531,180, Cl. 362-297.000.

Holmes, Kenneth P., 4,535,271, Cl. 315-209.00R.

Widell, Harald; Widell, Jan; and Bergman, Nils-Ake. Electrical collector rail with connectable adapter. 4,494,808, 1-22-85, Cl. 339-21.00R.

Widell, Jan: *See—*

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Wideman, Lawson G.; and Bente, Lynn A., to Goodyear Tire & Rubber Company, The. Process for the conversion of terpenes to limonene. 4,508,930, 4-2-85, Cl. 585-377.000.

Wideman, Lawson G.; and Kuczkowski, Joseph A., to Goodyear Tire & Rubber Company, The. Decarboxylation of rosin acids. 4,515,713, 5-7-85, Cl. 260-106.000.

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Widenback, Ralph: *See—*

Olsson, Stefan; and Widenback, Ralph, 4,511,530, Cl. 264-564.000.

Widerby, Lennart, to Flakt Aktiebolag. Exhaust air valve. 4,512,356, 4-23-85, Cl. 137-75.000.

Widl, Wolfgang: *See—*

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Widmaier, Horst: *See—*

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Widmaier, Richard: *See—*

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Widman, Bruno. Piercing tool for manipulating the closures of beverage containers. 4,549,451, 10-29-85, Cl. 81-3.470.

Widmayer, Don F. Control of AC power to inductive loads. 4,546,308, 10-8-85, Cl. 323-319.000.

Widmer, Alois E.; and Fehlmann, Roland, to RCA Corporation. LPCVD Deposition of tantalum silicide. 4,504,521, 3-12-85, Cl. 427-85.000.

Widmer, Erich: *See—*

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Widmer, Hans R.; and Schmid, Christian, to Vernicolor AG. Thermosetting powder lacquer for covering weld seams. 4,549,000, 10-22-85, Cl. 525-482.000.

Widmer, Jurg: *See—*

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Zabel, Lutz D.; Widmer, Jurg; and Sulser, Ueli, 4,504,647, Cl. 528-68.000.

Widmer, Stanley W. Air be[illegible]ck. [illegible]560,145, 12-24-85, Cl. 254-93.0HP.

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Mims, Donald S.; and Widmyer, Richard H., 4,532,986, Cl. 166-50.000.

Widner, Paul J.: *See—*

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Widrow, Bernard, to Leland Stanford Junior University, The Board of Trustees of the. ECG Enhancement by adaptive cancellation of electrosurgical interference. 4,537,200, 8-27-85, Cl. 128-696.000.

Widrow, Bernard. Seismic exploration method and apparatus for cancelling interference from seismic vibration source. 4,556,962, 12-3-85, Cl. 367-45.000.

Wiebe, David J., to United States of America, Air Force. Adjustable balance weight for rotating shaft. 4,539,864, 9-10-85, Cl. 74-573.00R.

Wiebesiek, Wilhelm, to Herbert Kannegiesser GmbH & Co. Apparatus for feeding laundry articles to an ironing machine. 4,501,529, 2-26-85, Cl. 414-751.000.

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Cornils, Boy; Hibbel, Josef; Lieder, Bernhard; Much, Joachim; Schmidt, Volkmar; Wiebus, Ernst; and Konkol, Werner, 4,523,036, Cl. 568-454.000.

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Wiech, Raymond E., Jr., to Fine Particle Technology Corporation. Formation of narrow conductive paths on a substrate. 4,510,347, 4-9-85, Cl. 174-68.500.

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Wiechard, Charles A., to AT&T Technologies, Inc. Molded plastic article having metallic inserts. 4,524,516, 6-25-85, Cl. 30-290.000.

Wiechel, John F.; French, Charles R.; and Hall, Wilbur L., to Texaco Inc. Sand control employing halogenated, oil soluble hydrocarbons. 4,494,605, 1-22-85, Cl. 166-288.000.

Wiechert, Rudolf; Bittler, Dieter; Schleusener, Annerose; and Albring, Manfred, to Schering Aktiengesellschaft. Antiandrogenic 17α-substituted steroids. 4,558,041, 12-10-85, Cl. 514-178.000.

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Annen, Klaus; Laurent, Henry; Hofmeister, Helmut; Wiechert, Rudolf; Toepert, Michael; and Wendt, Hans, 4,555,507, Cl. 514-172.000.

Hofmeister, Helmut; Schulze, Paul E.; Annen, Klaus; Laurent, Henry; and Wiechert, Rudolf, 4,550,100, Cl. 514-179.000.

Laurent, Henry; Nickisch, Klaus; Bittler, Dieter; Wiechert, Rudolf; and Losert, Wolfgang, 4,511,565, Cl. 514-173.000.

Neef, Guenter; Sauer, Gerhard; Wiechert, Rudolf; Hofmeister, Helmut; Rohde, Ralph; Annen, Klaus; Laurent, Henry; Beier, Sybille; Losert, Wolfgang; Elger, Walter; and Henderson, David, 4,536,401, Cl. 514-173.000.

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Nickisch, Klaus; Bittler, Dieter; Laurent, Henry; Wiechert, Rudolf; and Losert, Wolfgang, 4,542,024, Cl. 514-178.000.

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Wiedeburg, Klaus, to Siemens Aktiengesellschaft. Method and arrangement for controlling a light switch for optical signals. 4,545,078, 10-1-85, Cl. 455-600.000.

Wiedeburg, Klaus: *See—*

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Wiedeman, Scott, to University of Delaware. Graded affinity photovoltaic cell. 4,542,256, 9-17-85, Cl. 136-249.000.

Wiedemann, Fritz; Kampe, Wolfgang; Thiel, Max; Sponer, Gisbert; Roesch, Egon; and Dietmann, Karl, to Boehringer Mannheim GmbH. Carbazolyl-(4)-oxypropanolamine compounds and therapeutic compositions. 4,503,067, 3-5-85, Cl. 514-411.000.

Wiedemann, Fritz; and Rieger, Ewald, to Boehringer Mannheim GmbH. N-Pyrazolylalkylenediamine intermediates. 4,507,488, 3-26-85, Cl. 548-362.000.

Wiedemann, Ingrid: *See—*

Schnorrenberg, Gerd; Roos, Otto; Losel, Walter; Wiedemann, Ingrid; Gaida, Wolfram; and Hoefke, Wolfgang, 4,555,511, Cl. 514-301.000.

Wiedemann, Wolfgang, to Hoechst Aktiengesellschaft. Electrophotographic recording material for printing forms. 4,530,892, 7-23-85, Cl. 430-78.000.

Wiedenhofer, Heinrich; and Szabo, Tibor, to Flachglas Aktiengesellschaft. Apparatus for sealing the edges of insulating glass panels. 4,559,001, 12-17-85, Cl. 425-114.000.

Wiedermann, Arne H.: *See—*

Shin, Yong W.; Wiedermann, Arne H.; and Ockert, Carl E., 4,562,036, Cl. 376-283.000.

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Wiedmann, Erwin: *See—*

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Wiedmann, Siegfried K., to International Business Machines Corporation. Highly integrated, high-speed memory with bipolar transistors. 4,535,425, 8-13-85, Cl. 365-156.000.

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Wiedmer, Jean-Pierre, to Cabloptic S.A. Method and apparatus for detecting interruptions in the transmission of light signals. 4,491,984, 1-1-85, Cl. 455-612.000.

Wiedmer, Walter. Screw cap with guarantee strip for container. 4,530,436, 7-23-85, Cl. 215-246.000.

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Wiegand, Herbert; and Baumer, Klaus, to Deutsche Forschungs- und Versuchsanstalt fur Luft- und Raumfahrt e.V. Method and apparatus for the injection of alcohol fuels, more particularly for direct injection diesel engines. 4,499,861, 2-19-85, Cl. 123-1.00A.

Wiegand, Herbert: *See—*

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Distelrath, Heinz D.; Wiegand, Herbert; Rath, Klaus; and Baumer, Klaus, 4,559,008, Cl. 431-63.000.

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Wiegardt, Gordon K., to Deere & Company. Hybrid hitch control system. 4,503,916, 3-12-85, Cl. 172-3.000.

Wiegardt, Gordon K.; Hanks, Thomas W.; and Murphy, Kenneth E., to Deere & Company. Vehicle with control system having operator-actuable switch for storing parameter signal value to control vehicle-connected implement raising and lowering structure. 4,508,176, 4-2-85, Cl. 172-7.000.

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Wiegel, Roger E., to Rockwell International Corporation. Battery backup power switch. 4,528,459, 7-9-85, Cl. 307-66.000.

Wiegemann, Hans-Bertram: *See—*

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Ruijten, Henri M.; De Bree, Hans; Van Amsterdam, Peter H.; and Wiegers, Elbert, 4,554,071, Cl. 210-198.200.

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Wiegers, Wilhelmus J., to International Flavors & Fragrances Inc. Norbornylbutadiene-acrolein adducts, process for preparing same and perfumery uses thereof. 4,560,500, 12-24-85, Cl. 252-522.00R.

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Sprecker, Mark A.; Wiegers, Wilhelmus J.; Belko, Robert P.; and Boden, Richard M., 4,534,890, Cl. 252-522.00R.

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Wiegmann, Thomas B.: *See—*

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Wieland, Erwin H.; and Haug, Walter, to Karl Kassbohrer Fahrzeugwerke GmbH. Rotary tiller for maintaining cross country ski trails. 4,559,725, 12-24-85, Cl. 37-197.000.

Wieland, Gunter: *See—*

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Wieland, Heinz, to Wilhelm Gebhardt GmbH. Blower unit for air-conditioning plant. 4,493,341, 1-15-85, Cl. 137-597.000.

Wieland, Heinz, to Wilhelm Gebhardt GmbH. Rotor for a regenerative heat exchanger. 4,546,817, 10-15-85, Cl. 165-10.000.

Wieland, Kurt H.; Spencer, Donald M.; and Kinsell, Robert C., to Garrett Corporation, The. Compact cooling turbine-heat exchanger assembly. 4,503,683, 3-12-85, Cl. 62-86.000.

Wieland, Kurt H., to Garrett Corporation, The. Three wheel center fan cooling turbine apparatus and associated methods. 4,507,939, 4-2-85, Cl. 62-402.000.

Wieland, Rolf H., to Messer Griesheim Industries, Inc. Compact integrated gas phase separator and subcooler and process. 4,510,760, 4-16-85, Cl. 62-49.000.

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Wielders, Pierre G. E.; and Leinders, Robert, to Medtronic, Inc. Energy converter for implantable cardioverter. 4,548,209, 10-22-85, Cl. 128-419.00D.

Wiele, Robert W., to Novus Inc. Device for positioning a plug for repairing panes of glass. 4,497,476, 2-5-85, Cl. 269-1.000.

Wielgus, Charles D., to Colman OEM, Inc. Control mechanism for an electric motor assembly. 4,493,955, 1-15-85, Cl. 200-38.00R.

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Vartsky, David; Wielopolski, Lucian; LoMonte, Anthony F.; Ellis, Kenneth J.; and Cohn, Stanton H., 4,556,068, Cl. 128-719.000.

Wieme, Samuel P.; and Williams, Robert, to Sun Chemical Corporation. Adjustable digital encoder. 4,544,915, 10-1-85, Cl. 340-347.00P.

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Wienecke, Horst G. P., to Richardson GmbH. Dental prosthesis adhesive. 4,529,748, 7-16-85, Cl. 523-120.000.

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Wiener, Dieter. Method of and arrangement for grinding of gears. 4,528,779, 7-16-85, Cl. 51-105.0GG.

Wiener, Hans; and Undin, Hans, to C. A. Weidmuller GmbH & Co. Conductor separator. 4,492,026, 1-8-85, Cl. 30-90.900.

Wiener, Hans; and Undin, Hans, to C. A. Weidmuller GmbH & Co. Pliers-type tool. 4,526,070, 7-2-85, Cl. 81-361.000.

- Wiener, Hans; and Undin, Hans, to C. A. Weidmuller GmbH & Co. Pliers-type pressing tool. 4,542,668, 9-24-85, Cl. 81-355.000.
- Wiener, Hans: *See—*
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- Wiener, Murray, to Babcock & Wilcox Company, The. Panel of vapor generating and superheating tubes. 4,512,336, 4-23-85, Cl. 126-442.000.
- Wiener, Robert P.: *See—*
  - Louis, Arnold S.; and Wiener, Robert P., 4,525,698, Cl. 338-39.000.
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- Wienert, Volker: *See—*
  - Blazek, Vladimir; and Wienert, Volker, 4,494,550, Cl. 128-664.000.
- Wienges, Hans: *See—*
  - Gehrig, Manfred; Barthels, Manfred; and Wienges, Hans, 4,506,072, Cl. 544-274.000.
- Wienhold, Peter: *See—*
  - Ali-Khan, Imran; Dietz, Karl-Jurgen; Waelbroeck, Francois; and Wienhold, Peter, 4,494,965, Cl. 55-16.000.
- Wienkamp, Rainer: *See—*
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  - Hill, Amos G.; and Wiens, Arlen J., 4,493,601, Cl. 414-491.000.
- Wiens, Ralph W. Winch with storable handle. 4,531,715, 7-30-85, Cl. 254-266.000.
- Wiens, William S. Variable speed transmission. 4,515,576, 5-7-85, Cl. 474-29.000.
- Wier, Donald R.; and Gillham, Gordon D., to Phillips Petroleum Company. Slug-type in situ recovery of mineral values. 4,544,206, 10-1-85, Cl. 299-4.000.
- Wier, Franz, to Repa Feinstanzwerk GmbH. Lock for a safety belt. 4,545,097, 10-8-85, Cl. 24-642.000.
- Wier, Keith E.: *See—*
  - Frey, David J.; and Wier, Keith E., 4,531,903, Cl. 425-429.000.
- Wierenga, Wendell, to Upjohn Company, The. Substituted phenylalkyl compounds. 4,496,492, 1-29-85, Cl. 260-456.00R.
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  - Fast, Patricia E.; and Wierenga, Wendell, 4,507,302, Cl. 514-272.000.
  - Skulnick, Harvey I.; Smith, Herman W.; Smith, Robert J.; and Wierenga, Wendell, 4,495,349, Cl. 544-97.000.
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- Wiernicki, Michael V., to Ironica, Inc. Flat article conveyor. 4,561,819, 12-31-85, Cl. 414-331.000.
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  - Franke, Albrecht; Muller, Josef; Lietz, Helmut; Wiersdorff, Walter-Wielant; Hege, Hans-Gunther; Muller, Claus D.; Gries, Josef; Lenke, Dieter; von Philipsborn, Gerda; and Raschack, Manfred, 4,540,697, Cl. 514-255.000.
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  - Stanislowski, Anna G.; and Wiersema, Richard J., 4,511,490, Cl. 252-174.120.
- Wierzba, Robert B.; Snyder, Robert G.; and Kleefisch, Blaise H., to Nalco Chemical Company. Method and apparatus for reducing boiler sootblowing requirements. 4,545,411, 10-8-85, Cl. 141-91.000.
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- Wieschel, John E., to Harnischfeger Corporation. Safety brake for mast-type crane. 4,529,066, 7-16-85, Cl. 187-86.000.
- Wiese, John M.: *See—*
  - Hoeffken, Russell W.; and Wiese, John M., 4,538,338, Cl. 29-509.000.
- Wiese, John R.; and Walsh, Thomas J., to General Signal Corporation. End-filling sampler for molten metals. 4,550,620, 11-5-85, Cl. 73-864.550.
- Wiese, Lee, to Philip Morris Incorporated. Overhead retail merchandising unit for cigarettes. 4,498,714, 2-12-85, Cl. 312-312.000.
- Wiese, Winfred J., to Borg-Warner Corporation. Mechanical seal with cylindrical balance sleeve. 4,511,149, 4-16-85, Cl. 277-3.000.
- Wiesehahn, Gary P.; Giles, Richard E.; and Stevens, David R., to Advanced Genetics Research Institute. Vaccine for the prevention of vesicular stomatitis virus infection. 4,556,556, 12-3-85, Cl. 424-89.000.
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  - Giles, Richard E.; Stevens, David R.; and Wiesehahn, Gary P., 4,545,987, Cl. 424-89.000.
- Wieselman, Alex; and Prince, Leonard D. Illuminating telescopic device. 4,544,990, 10-1-85, Cl. 362-32.000.
- Wiesinger, Horst: *See—*
  - Holleis, Gunter; and Wiesinger, Horst, 4,523,623, Cl. 164-436.000.
- Wiesmann, Harold J. Photovoltaic tandem cell. 4,536,607, 8-20-85, Cl. 136-249.000.
- Wiesmann, Herbert L.; and Suhr, Heinz P., to Wilkhahn, Wilkening & Hahne GmbH & Co. Chair. 4,509,793, 4-9-85, Cl. 297-355.000.
- Wiesmann, Rudolf, to BBC Brown, Boveri & Company, Limited. Equipment for gassing a liquid and process for operating the equipment. 4,507,253, 3-26-85, Cl. 261-22.000.
- Wiesmann, Thomas W., to John Fluke Mfg. Co., Inc. Reading sensing meter. 4,532,470, 7-30-85, Cl. 324-76.00R.
- Wiesner, Paul: *See—*
  - Hochgesand, Gerhard; Kahles, Heinz; Wiesner, Paul; and Stonner, Hans-Martin 4,522,730, Cl. 210-750.000.
- Wiesner, Reiner, to Forschungsgesellschaft Druckmaschinen e.V. Contactless measuring device for real-time detection of the properties and quantities respectively characteristic of the separation of volumes of liquid and the splitting of layers of liquid in the nips formed by the rollers on printing machines. 4,505,154, 3-19-85, Cl. 73-150.00R.
- Wiesner, Wayne: *See—*
  - Baskin, Joseph M.; Miller, Gary E.; and Wiesner, Wayne, 4,557,666, Cl. 416-32.000.
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- Wiet, Paul: *See—*
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  - Quin, Rene A.; Wiet, Paul; and Migliarese-Caputi, Jean-Louis, 4,506,863, Cl. 251-149.900.
- Wiet, Paul A.: *See—*
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- Wietelmann, Jurgen: *See—*
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- Wieters, Heinz, to U.S. Philips Corporation. Piezoelectric actuator arrangement with adjustment for wear. 4,492,891, 1-8-85, Cl. 310-328.000.
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- Wietschorke, Stephan: *See—*
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- Wigan, Jack S.; Ure, David G.; and Richards, John M., to Reuters Ltd. Conversational video system having contact selection control. 4,531,184, 7-23-85, Cl. 364-200.000.
- Wigdahl, Arthur G. Water heater for divers and for other uses. 4,505,254, 3-19-85, Cl. 126-367.000.
- Wigger, Andreas: *See—*
  - Jung, Eggert; Roes, Christian; Wigger, Andreas; and Ziemen, Ernst-August, 4,561,016, Cl. 358-76.000.
- Wiggins, Douglas G., to Xerox Corporation. Illumination control for raster input scanners. 4,495,422, 1-22-85, Cl. 250-578.000.
- Wiggins, Douglas G., to Xerox Corporation. Platen cover for document boundary detection in raster scanners. 4,538,185, 8-27-85, Cl. 358-285.000.
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  - Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., 4,506,301, Cl. 358-280.000.
- Wiggins, Gene D., to S & W Instruments, Inc. Methods for scaling and calibrating predetermined signals. 4,547,859, 10-15-85, Cl. 364-571.000.
- Wiggins, John T., to Community Light & Sound Inc. Voice coil centering and suspension for vented pole piece. 4,508,941, 4-2-85, Cl. 179-115.5PC.
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  - EerNisse, Errol P.; Gaiser, Mark D.; Hanley, John P.; Kistler, Walter P.; Paros, Jerome M.; and Wiggins, Robert B., 4,526,247, Cl. 177-210.0FP.
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  - Hall, Robert J., 4,503,318, Cl. 219-384.000.

  - Radvan, Bronislaw; Skelding, William T. H.; and Willis, Anthony J., 4,543,288, Cl. 428-297.000.
  - Shanton, Kenneth J., 4,509,065, Cl. 346-225.000.
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  - Woodward, Antony I.; Clarke, David G.; and Shahaney, Sunil, 4,517,285, Cl. 430-538.000.
  - Woodward, Antony I.; Tyler, George; and Lovick, John, 4,562,145, Cl. 430-538.000.
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  - Jahnke, William R.; Rockel, Bruce H.; Brown, Barry J.; Hawley, Floyd E.; Pennella, Andrew J.; Sugrue, John C.; and Wiggins, William R., 4,534,093, Cl. 29-26.00A.
- Wiggle, Ronald R.: *See*—
  - Huff, John; Wiggle, Ronald R.; and Hospadaruk, Vladimir, 4,508,684, Cl. 422-8.000.
- Wiggs, Christopher C.; and Taylor, Christopher J. C. Remotely-controlled toy vehicle. 4,521,204, 6-4-85, Cl. 446-198.000.
- Wiggs, Christopher C.; and Taylor, Christopher J. Bead puzzle. 4,553,754, 11-19-85, Cl. 273-153.00S.
- Wigham, Ronald C.: *See*—
  - Castellaw, Gerald J.; Wigham, Ronald C.; and Ames, Edwin N., 4,557,310, Cl. 160-84.00R.
- Wight, Eleanor G.: *See*—
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- Wightman, William O., Jr.: *See*—
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  - Campbell, Jesse L.; Fennema, Alan A.; Henderson, Robert B.; Rance, William G., Jr.; Whittington, Paul H.; and Wightman, William O., Jr., 4,519,553, Cl. 242-56.00R.
- Wigley, Albert F. Moisture eliminator. 4,553,993, 11-19-85, Cl. 55-440.000.
- Wignall, Robert A.; and Travale, Samuel, to B. D. Wait Co. Limited. Humidifier pad. 4,540,530, 9-10-85, Cl. 261-92.000.
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  - Anderson, Michael H.; Lyons, Christopher S.; and Wigness, Bruce D., 4,536,179, Cl. 604-266.000.
- Wigoda, Luis T. Arbitration of tennis by change of colors. 4,538,811, 9-3-85, Cl. 273-31.000.
- Wigram, Stig. Spreader device in a storage container for uniform filling of the container with granular storage goods. 4,555,210, 11-26-85, Cl. 414-301.000.
- Wihl, Mark J.: *See*—
  - Broadbent, William H., Jr.; Buchholz, Steve; Eldredge, Peter; and Wihl, Mark J., 4,555,798, Cl. 382-8.000.
  - Wihl, Tim S.; and Wihl, Mark J., 4,532,650, Cl. 382-8.000.
- Wihl, Tim S.; and Wihl, Mark J., to KLA Instruments Corporation. Photomask inspection apparatus and method using corner comparator defect detection algorithm. 4,532,650, 7-30-85, Cl. 382-8.000.
- Wiholm, Sture: *See*—
  - Sabelstrom, Jan; and Wiholm, Sture, 4,557,714, Cl. 493-442.000.
- Wiig, Chester M., to F. J. Littell Machine Co. Strip feeders. 4,561,582, 12-31-85, Cl. 226-142.000.
- Wiik, Tore H.; Pettersen, Arild; and Tonnesson, Thorstein, to TrioVing A/S. Recodable electronic lock. 4 562,343, 12-31-85, Cl. 235-382.500.
- Wijbenga, Hendrik, to U.S. Philips Corporation. Luminaire for street lighting. 4,507,717, 3-26-85, Cl. 362-304.000.
- Wikdahl, Nils A. L. Process for cleaning chemical cellulose pulp by screening and apparatus. 4,504,016, 3-12-85, Cl. 241-24.000.
- Wikefelt, Per: *See*—
  - Forsstrom, Bo; Luniewski, Tomas; and Wikefelt, Per, 4,492,139, Cl. 83-727.000.
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- Wiklund, Klas R., to Pharos AB. Arrangement for checking dimensional accuracy. 4,492,471, 1-8-85, Cl. 356 375.000.
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- Wiklund, Klas R., to Wirab System A.B. Room ventilator. 4,523,630, 6-18-85, Cl. 165-18.000.
- Wiklund, Klas R.; and Hertzman, Mikael, to Geotronics AB. Device included in a distance meter system. 4,560,270, 12-24-85, Cl. 356-5.000.
- Wiklund, Klas R.: *See*—
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- Wiklund, Per M., to Trateknik Centrum. Method for sawing a log or a block into pieces of lumber. 4,538,656, 9-3-85, Cl. 144-378.000.
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- Wil-Mat Corporation: *See*—
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- Wilbanks International, Inc.: *See*—
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- Wilbur, Leonard P., Jr.; and Van Renssen, Marinus, to RCA Corporation. Shadow mask washer/spring welding apparatus. 4,500,767, 2-19-85, Cl. 219-78.010.
- Wilburn, Walter R.: *See*—
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- Wilburth, Daniel N. Desk top organizer. 4,546,708, 10-15-85, Cl. 108-94.000.
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- Wilcke, Robert, to Statt der Nederlanden (Stattsbedrijf der Posterijen, Telegrafie en Telefonie). Method and device for controlling a switching network. 4,495,615, 1-22-85, Cl. 370-58.000.
- Wilcock, Donald F.; and Gray, Stanley, to Mechanical Technology Incorporated. Integral magnetic fluid centrifugal high speed gas seal and method. 4,527,802, 7-9-85, Cl. 277-1.000.
- Wilcock, Hal J., to Jones, Wayne G., a part interest. Bucket apparatus. 4,491,234, 1-1-85, Cl. 220-90.000.
- Wilcockson, Alan: *See*—
  - Woodhead, James L.; Scott, Keith T.; and Wilcockson, Alan, 4,548,832, Cl. 427-34.000.
- Wilcockson, Brian: *See*—
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- Wilcox, Charles F. Disc brake for trucks. 4,553,643, 11-19-85, Cl. 188-71.900.
- Wilcox, Ernest W.; and Wilson, Jack W., Jr., to United Technologies Corporation. Gas seal for rotating components. 4,500,098, 2-19-85, Cl. 277-170.000.
- Wilcox, Gary: *See*—
  - Clarke, Patrick E.; and Wilcox, Gary, 4,539,297, Cl. 436-164.000.
- Wilcox, Jean K.; and Day, Gene F., to Xerox Corporation. Ion projection printer with extended back electrode. 4,535,345, 8-13-85, Cl. 346-159.000.
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- Wilcox, Jeannine; and Karustis, George A., to Engelhard Corporation. Palladium electroplating and bath thereof. 4,552,628, 11-12-85, Cl. 204-47.000.
- Wilcox, Jeffrey S.; and Nienhuis, James H., to Herman Miller, Inc. Static protective chair. 4,513,347, 4-23-85, Cl. 361-212.000.
- Wilcox, John P., to Cummins Engine Company, Inc. Flexible continuous torque transmitting device. 4,494,946, 1-22-85, Cl. 474-242.000.
- Wilcox, Melvin S.; and Schwerin, Vernon L. Nut starter with special blades. 4,553,455, 11-19-85, Cl. 81-443.000.
- Wilcox, Milton E.: *See*—
  - Jett, William B., Jr.; and Wilcox, Milton E., 4,520,324, Cl. 330-285.000.
- Wilcox, Raymond J.; and Powers, Earl W., to Republic Corporation. Mine roof bearing plate with embossed area having conical and cylindrical sections. 4,518,282, 5-21-85, Cl. 405-259.000.
- Wilcox, Roy D., to NL Industries, Inc. Method for determining optimum concentration of hydration inhibitor for clays in drilling fluids. 4,495,800, 1-29-85, Cl. 73-61.400.
- Wilcox, Thomas J.: *See*—
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- Wilczek, Stephen P.: *See*—
  - Donohue, James M.; Markle, Robert E.; Mager, George E.; and Wilczek, Stephen P., 4,523,299, Cl. 364-900.000.
  - Federico, Anthony M.; Legg, Ernest L.; Wilczek, Stephen P.; Prasad, Hari K.; and Petery, James J., 4,550,382, Cl. 364-572.000.
  - Ziehm, Richard T.; Wilczek, Stephen P.; Baker, George E.; Husted, Raymond R.; Dumas, Glen A.; Bunker, Keith G.; and Place, George H., Jr., 4,521,847, Cl. 364-184.000.
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- Wild, Gene M., to Eli Lilly and Company. 20-Dihydro-20-deoxy-23-de(mycinosyloxy)tylosin. 4,528,369, 7-9-85, Cl. 536-7.100.
- Wild, Gene M.: *See*—
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- Wild, Keith R., to British Gas Corporation. Purification of aqueous effluents. 4,512,777, 4-23-85, Cl. 48-210.000.

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Wilde, Sheldon L.; and McCandless, Thomas J., to H-C Industries, Inc. Plastic closure with mechanical pilfer band. 4,545,496, 10-8-85, Cl. 215-252.000.

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Wildi, Eric J.; and Adler, Michael S., to General Electric Company. High voltage semiconductor devices comprising integral JFET. 4,494,134, 1-15-85, Cl. 357-43.000.

Wildman, Alexander J. Method and pad with index tabs for applying orthodontic brackets. 4,494,931, 1-22-85, Cl. 433-8.000.

Wildman, Timothy C.: *See—*
- Aiello, Richard E.; Moist, Stanford C., Jr.; Poleshuk, Robert J.; and Wildman, Timothy C., 4,544,220, Cl. 339-59.00M.

Wildmoser, Alfred: *See—*
- Fuchs, Uwe; and Wildmoser, Alfred, 4,521,311, Cl. 210-616.000.

Wile, Donald T., to National Semiconductor Corporation. AM Radio stop detector. 4,509,204, 4-2-85, Cl. 455-169.000.

Wile, George J.; and Griesdorn, Carl P., to Planet Products Corporation. Silk screen printing with the curing of polymerizable liquids. 4,517,893, 5-21-85, Cl. 101-123.000.

Wilensky, Barry F.; and Maggi, Joseph A., to Allied Corporation. Programmable video test pattern generator for display systems. 4,513,318, 4-23-85, Cl. 358-139.000.

Wilensky, Barry F.: *See—*
- Maggi, Joseph A.; and Wilensky, Barry F., 4,554,636, Cl. 364-481.000.

Wilensky, Joseph, to Kurtis, Soma; and Sloan, Jack C. Method and apparatus for a thermodynamic cycle by use of distillation. 4,551,979, 11-12-85, Cl. 60-648.000.

Wilensky, Joseph, to Kurtis, Soma; and Sloan, Jack. Method and apparatus for a thermodynamic cycle by use of compression. 4,553,397, 11-19-85, Cl. 60-649.000.

Wiles, Laurence E.; and Page, Frank C., III, to Specialty Packaging Products, Inc. Means for mounting a closure in a predetermined position. 4,519,518, 5-28-85, Cl. 215-331.000.

Wiley, Bruce F., to Phillips Petroleum Company. Establishing a differential pressure across a core sample or calibrating a differential pressure transducer. 4,552,011, 11-12-85, Cl. 73-4.00R.

Wiley, Edward R. Multipurpose table saw. 4,516,612, 5-14-85, Cl. 144-1.00R.

Wiley, John D.: *See—*
- Perepezko, John H.; and Wiley, John D., 4,494,136, Cl. 357-67.000.

Wiley, John L.: *See—*
- Morris, James A.; Hancock, Curtis L.; and Wiley, John L., 4,532,642, Cl. 377-15.000.

Wiley, Joseph N.: *See—*
- Gravina, Anthony N.; Keitel, Murray; Weiss, Harvey; Wiley, Joseph N.; and Charland, Edmund G., Jr., 4,517,161, Cl. 422-95.000.

Wiley, Paul F., to Upjohn Company, The. Paulomycin derivatives. 4,520,191, 5-28-85, Cl. 536-17.900.

Wiley, Paul F.: *See—*
- Argoudelis, Alexander D.; Marshall, Vincent P.; and Wiley, Paul F., 4,505,895, Cl. 424-117.000.

Wiley, William E., to Kamyr, Inc. Method of flashing black liquor. 4,551,198, 11-5-85, Cl. 159-47.300.

Wilfinger, Hans J.: *See—*
- Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Duffner, Paul; Ohlinger, Manfred; Wilfinger, Hans J.; and Pfannebecker, Emil, 4,492,804, Cl. 564-493.000.
- Frank, Gerhard; Rudolf, Peter; Neubauer, Gerald; Ohlinger, Manfred; Wilfinger, Hans J.; Pfannebecker, Emil; and Duffner, Paul, 4,521,527, Cl. 502-184.000.

Wilfley, George M.: *See—*
- Weber, Richard B.; Wilfley, George M.; and Wilfley, George M., 4,521,349, Cl. 261-93.000.
- Weber, Richard B.; Wilfley, George M.; and Wilfley, George M., 4,521,349, Cl. 261-93.000.

Wilfley Weber, Inc.: *See—*
- Weber, Richard B., 4,557,879, Cl. 261-122.000.

Wilfong, Evan C.; and Anno, Tesfaye, to Equipment Systems & Devices, Inc. Coin slide. 4,515,262, 5-7-85, Cl. 194-1.00G.

Wilger, John F.; Nakano, Gregory; and Berman, William A., to United States of America, Navy. Portable surfacing machine for boiler manhole. 4,513,542, 4-30-85, Cl. 51-241.00S.

Wilger, John F.; Nakano, Gregory S.; Orillo, Stephen, Jr.; and Cazinha, John R., to United States of America, Navy. Grinding machine for watertight hatch lugs. 4,534,135, 8-13-85, Cl. 51-241.00S.

Wilgood Corporation: *See—*
- Feller, Murray F., 4,535,637, Cl. 73-861.770.

Wilgosz, Robert. Combined firewood rack and fumigator. 4,509,650, 4-9-85, Cl. 211-60.100.

Wilharm, Friedrich: *See—*
- von Torklus, Detlef; Thum, Oskar; and Wilharm, Friedrich, 4,532,921, Cl. 128-80.00C.

Wilhelm Brenneke KG: *See—*
- Schmitz, Alfons, 4,538,520, Cl. 102-439.000.

Wilhelm, Camille; Wilhelm, Camille; and Wilhelm, Robert. Supercharged internal combustion engine. 4,554,787, 11-26-85, Cl. 60-605.000.

Wilhelm, Camille: *See—*
- Wilhelm, Camille; Wilhelm, Camille; and Wilhelm, Robert, 4,554,787, Cl. 60-605.000.

Wilhelm Dahle Buro- und Zeichengeratefabrik: *See—*
- Dahle, Gerald, 4,516,452, Cl. 83-455.000.

Wilhelm, Dieter; and Kuhnert, Volker, to U.S. Philips Corporation. Lamp/reflector unit. 4,538,090, 8-27-85, Cl. 313-578.000.

Wilhelm, Donald F.: *See—*
- Moser, Robert L.; and Wilhelm, Donald F., 4,526,044, Cl. 73-862.060.

Wilhelm, Fritz: *See—*
- Heinze, Helmut; Wilhelm, Fritz; Mackensen, Klaus; and Finkeldei, Ferdinand, 4,499,261, Cl. 528-279.000.

Wilhelm, Gary, to Demro Products, Inc. Combined selector, safety and trigger assembly for automatic firearms. 4,523,510, 6-18-85, Cl. 89-141.000.

Wilhelm Gebhardt GmbH: *See—*
- Heinz, Wieland, 4,546,694, Cl. 98-34.600.
- Koger, Friedrich; and Haas, Udo, 4,526,506, Cl. 415-98.000.
- Wieland, Heinz, 4,493,341, Cl. 137-597.000.
- Wieland, Heinz, 4,546,817, Cl. 165-10.000.
- Zenkner, Kurt, 4,491,171, Cl. 165-7.000.

Wilhelm, Hans: *See—*
- Klaus, Artur; and Wilhelm, Hans, 4,509,668, Cl. 227-8.000.

Wilhelm Hegenscheidt Gesellschaft mbH: *See—*
- Berstein, Garri; Hansen, Willi; and Winkens, Rudolf, 4,539,831, Cl. 72-110.000.
- Berstein, Garri; and Bagusche, Siegfried, 4,542,565, Cl. 29-90.00R.
- Berstein, Garri, 4,561,276, Cl. 72-81.000.

Wilhelm, Hermann: *See—*
- Deubzer, Bernward; and Wilhelm, Hermann, 4,552,910, Cl. 524-43.000.

Wilhelm, James H., to Central Illinois Public Service Company. Dual alkali scrubber liquor regeneration with production of gypsum. 4,540,556, 9-10-85, Cl. 423-242.000.

Wilhelm, John J.; Kapoor, Anoop; Kobuck, Richard M.; Antol, Ronald F.; and Norris, George W., to Westinghouse Electric Corp. Fuel assembly skeleton compaction. 4,537,711, 8-27-85, Cl. 252-633.000.

Wilhelm, John R. Water closet modifications. 4,499,617, 2-19-85, Cl. 4-441.000.

Wilhelm Link GmbH & Co. KG: *See—*
- Link, Werner, 4,557,470, Cl. 267-64.120.

Wilhelm, Martin: *See—*
- Hansen, Diethard; and Wilhelm, Martin, 4,547,679, Cl. 307-108.000.

Wilhelm, Randy L., to Motorola, Inc. Adaptive window CFAR apparatus. 4,542,381, 9-17-85, Cl. 343-5.0CF.

Wilhelm, Robert: *See—*
- Wilhelm, Camille; Wilhelm, Camille; and Wilhelm, Robert, 4,554,787, Cl. 60-605.000.

Wilhelm, Robert O., Jr. Automatic water heater system. 4,531,509, 7-30-85, Cl. 126-362.000.

Wilhelm Ruf KG: *See—*
- Hoffmann, Horst, 4,520,228, Cl. 174-68.500.

Wilhelm Sihn Jr. KG.: *See—*
- Langheck, Richard, 4,520,365, Cl. 343-903.000.

Wilhelm, Stanley R.; and Spector, George. Lifetime livestock fence post. 4,519,586, 5-28-85, Cl. 256-51.000.

Wilhelm, William G., to United States of America, Energy. Thin film absorber for a solar collector. 4,559,924, 12-24-85, Cl. 126-426.000.

- Wilhelm, Wolfgang, to Kruger GmbH & Co. KG. Load-monitoring system for boom-type crane. 4,532,595, 7-30-85, Cl. 364-463.000.
- Wilhelmson, Jack L.; and Urban, Paul L., to Cooper Industries, Inc. Self-locking, removeable tapered tips for soldering and de-soldering tools. 4,560,101, 12-24-85, Cl. 228-54.000.
- Wilhelmson, Thomas J. Self-contained sewage treatment system and method. 4,501,665, 2-26-85, Cl. 210-630.000.
- Wilhelmsson, Per H., to Santrade Ltd. Method of using chromium-nickel-manganese-iron alloy with austenitic structure in sulphurous environment at high temperature. 4,560,408, 12-24-85, Cl. 75-128.00A.
- Wilhite, John E.; Shelly, William A.; and Ryan, Charles P., to Honeywell Information Systems Inc. Instruction buffer associated with a cache memory unit. 4,521,850, 6-4-85, Cl. 364-200.000.
- Wilhite, John E.: *See—*
  - King, James L.; Porter, Marion G.; Angelle, Phillip A.; Circello, Joseph C.; Wilhite, John E.; and Trubisky, Leonard G., 4,530,052, Cl. 364-200.000.
- Wilk, Hans-Christoph; Wegemund, Bernd; and Gorzinski, Manfred, to Henkel Kommanditgesellschaft auf Aktien. Polyol-modified alkyd resins. 4,517,334, 5-14-85, Cl. 524-539.000.
- Wilk, Hans-Christoph: *See—*
  - Gorzinski, Manfred; Wilk, Hans-Christoph; Fischer, Herbert; and Wegemund, Bernd, 4,497,933, Cl. 524-604.000.
- Wilke, Dieter: *See—*
  - Simon, Fritz; Korber, Klaus; Bandelow, Horst; Scherer, Michael; Wilke, Dieter; Thron, Werner; and Preuk, Gerhard, 4,554,707, Cl. 17-47.000.
- Wilke, Gerhard: *See—*
  - Heiser, Joachim; and Wilke, Gerhard, 4,496,289, Cl. 417-217.000.
- Wilke, Helmut: *See—*
  - Heger, Werner; Kaltenthaler, Wolfgang; and Wilke, Helmut, 4,505,648, Cl. 417-297.000.
  - Heger, Werner; Kaltenthaler, Wolfgang; and Wilke, Helmut, 4,553,907, Cl. 417-297.000.
- Wilke, Howard C.: *See—*
  - Copas, Gordon A.; Wilke, Howard C.; and Dykema, Dennis A., 4,518,021, Cl. 141-172.000.
- Wilke, Konrad: *See—*
  - Langpaap, Rudolf; and Wilke, Konrad, 4,547,163, Cl. 441-2.000.
- Wilke, Richard; and Korthaus, Helmut. System for controlling an electromechanically reciprocable load. 4,557,355, 12-10-85, Cl. 188-173.000.
- Wilke, Rudolf. Method for attaching an article to a wall. 4,524,506, 6-25-85, Cl. 29-453.000.
- Wilken, Gerhard: *See—*
  - Klimeck, Hugo; and Wilken, Gerhard, 4,516,809, Cl. 299-43.000.
- Wilken, Rolf-Dieter: *See—*
  - Knochel, Arndt; Eggers, Ingo; Klatte, Bernd; and Wilken, Rolf-Dieter, 4,519,996, Cl. 423-249.000.
- Wilkening, Donald W. Fireplace door. 4,515,146, 5-7-85, Cl. 126-140.000.
- Wilkens, Christian, to Karl Mayer Textilmaschinenfabrik GmbH. Warp knitted ware with reinforcing threads. 4,518,640, 5-21-85, Cl. 428-102.000.
- Wilker, Paul S.: *See—*
  - Benning, Gordon D.; Pascas, Brian J.; Blackhall, Robert K.; Wilker, Paul S.; and Neathway, Graham A., 4,538,031, Cl. 179-81.00B.
- Wilkerson, C. William, to Campbell Soup Company. Exerciser dumbbells. 4,538,806, 9-3-85, Cl. 272-122.000.
- Wilkerson Corporation: *See—*
  - Null, Robert A.; Laughlin, Lonnie C.; and Goldberg, Michael L., 4,559,065, Cl. 55-161.000.
- Wilkerson, James W. Staple throat for stapling machine. 4,553,689, 11-19-85, Cl. 227-139.000.
- Wilkerson, Kenneth L. Ice-making machine. 4,538,428, 9-3-85, Cl. 62-354.000.
- Wilkerson, Larry A., to American Seating Company. Transportation seat with vandal-resistant grabrail. 4,549,763, 10-29-85, Cl. 297-183.000.
- Wilkerson, Larry A.: *See—*
  - McMains, Kevin W.; and Wilkerson, Larry A., 4,527,832, Cl. 297-355.000.
- Wilkerson, Wendell W., to Du Pont de Nemours, E. I., and Company. Antiinflammatory 4,5-diaryl 1-2-halo imidazoles. 4,503,065, 3-5-85, Cl. 514-396.000.
- Wilkerson, William E. Canisters for pressurized gas and personal security devices utilizing same. 4,511,062, 4-16-85, Cl. 222-47.000.
- Wilkes, Colin: *See—*
  - Davis, L. Berkley, Jr.; Hilt, Milton B.; and Wilkes, Colin, 4,534,165, Cl. 60-39.020.
- Wilkes, Robert D., to Jacuzzi Inc. Support system for a submersible D.C. motor. 4,539,498, 9-3-85, Cl. 310-87.000.
- Wilkeson, Charles N. Liquid dispenser and grooming brush for animals. 4,543,913, 10-1-85, Cl. 119-85.000.
- Wilkhahn Wilkening & Hahne GmbH & Co.: *See—*
  - Ohl, Herbert, 4,552,406, Cl. 297-445.000.
  - Wiesmann, Herbert L.; and Suhr, Heinz P., 4,509,793, Cl. 297-355.000.
- Wilkie, Arnold E.: *See—*
  - Fisher, Don E.; and Wilkie, Arnold E., 4,534,161, Cl. 57-125.000.
- Wilking, Hans; Heinrich, Kurt; and Peetz, Walter, to Keiper Automobiltechnik GmbH & Co. KG. Hinge, particularly for seat with adjustable back rest. 4,505,515, 3-19-85, Cl. 297-362.000.
- Wilking, Hans: *See—*
  - Peetz, Walter; Wilking, Hans; and Kafitz, Egon, 4,538,855, Cl. 297-362.000.
- Wilkins, Cletus W., Jr.: *See—*
  - Chandross, Edwin A.; Reichmanis, Elsa; and Wilkins, Cletus W., Jr., 4,551,416, Cl. 430-311.000.
  - Reichmanis, Elsa; and Wilkins, Cletus W., Jr., 4,521,274, Cl. 156-643.000.
- Wilkins, David R. G.: *See—*
  - Billington, Donald G.; Brooker, Reginald D.; Powell, Harry; Walker, Roger; Wilkins, David R. G.; and Weaver, Stuart, 4,552,065, Cl. 101-93.330.
- Wilkins, Ebtisam S.; and Wilkins, Michael G. Polymer-gel covered solar energy collector and storage unit. 4,537,179, 8-27-85, Cl. 126-415.000.
- Wilkins, Larry C., to Electromechanical Research Laboratories, Inc. Gage assembly. 4,525,931, 7-2-85, Cl. 33-147.00T.
- Wilkins, Michael G.: *See—*
  - Wilkins, Ebtisam S.; and Wilkins, Michael G., 4,537,179, Cl. 126-415.000.
- Wilkins, Raymond A. S.: *See—*
  - Wickham, David J.; Wilkins, Raymond A. S.; and Page, Edmund J., 4,552,410, Cl. 303-23.00R.
- Wilkins, Tracy D.; and Sullivan, Nadine M. Toxins and antibodies of *C. difficile*. 4,530,833, 7-23-85, Cl. 424-92.000.
- Wilkins, Tracy D.; and Lyerly, David M. Toxins and antibodies of *C. difficile*. 4,533,630, 8-6-85, Cl. 435-7.000.
- Wilkins, Vaughn D. System for viewing three dimensional images. 4,559,556, 12-17-85, Cl. 358-88.000.
- Wilkinson, Beverly L.: *See—*
  - Hampshire, James F.; and Wilkinson, Beverly L., 4,549,767, Cl. 297-439.000.
- Wilkinson, Brian S.: *See—*
  - Ede, Douglas F. C.; Wilkinson, Brian S.; and Mynott, Colin B., 4,527,605, Cl. 144-286.00R.
- Wilkinson, Christopher F.: *See—*
  - Rouse, David G.; and Wilkinson, Christopher F., 4,562,438, Cl. 343-17.10R.
- Wilkinson, Dent P., to Marconi Company Limited, The. Radio communications receivers. 4,532,636, 7-30-85, Cl. 375-1.000.
- Wilkinson, Donald R., to R. J. Reynolds Tobacco Company. Orientation, accumulation and positioning machine. 4,539,795, 9-10-85, Cl. 53-542.000.
- Wilkinson, Henry T., to United States of America, Agriculture. Method and apparatus to control soil moisture matric potential. 4,561,294, 12-31-85, Cl. 73-73.000.
- Wilkinson, John M. Balancing board. 4,505,477, 3-19-85, Cl. 272-146.000.
- Wilkinson, John S., to Therm-O-Type Corporation. Methods and apparatus for neutralizing a static electrical charge on powder particles. 4,514,779, 4-30-85, Cl. 361-213.000.
- Wilkinson, Maxwell; Patten, Malcolm J.; and Lee, Jeffrey H., to Dunlop Olympics Limited. Knitted sock. 4,561,267, 12-31-85, Cl. 66-178.00A.
- Wilkinson, Michael: *See—*
  - Collishaw, Peter S.; and Wilkinson, Michael, 4,503,801, Cl. 118-246.000.
- Wilkinson, Michael R.: *See—*
  - Coombes, Norman A.; Wilkinson, Michael R.; and Bromley, Charles W. A., 4,562,226, Cl. 524-767.000.
- Wilkinson, Noel R., to Robert Morton DG Limited. Brewing apparatus. 4,542,683, 9-24-85, Cl. 99-277.200.
- Wilkinson, Noel R., to Robert Morton DG Limited. Mixers. 4,544,281, 10-1-85, Cl. 366-325.000.
- Wilkinson, Peter R.: *See—*
  - Owen, James B.; and Wilkinson, Peter R., 4,529,150, Cl. 244-1.00R.
- Wilkinson, Philip J., to NCR Corporation. Method and apparatus for thermally printing data in special fonts on documents like checks. 4,531,132, 7-23-85, Cl. 346-76.0PH.
- Wilkinson, Philip M.: *See—*
  - Lawrence, Christopher J.; Wilkinson, Philip M.; and Atkinson, Colin, 4,510,744, Cl. 57-280.000.
- Wilkinson, Raymond G.: *See—*
  - Lang, Stanley A., Jr.; Fields, Thomas L.; Wilkinson, Raymond G.; Kang, Soon M.; and Lin, Yang-I, 4,532,349, Cl. 564-194.000.
- Wilkinson, Richard A., Jr., to Storage Technology Partners II. Apparatus for the centered mounting and unmounting on a device spindle. 4,498,165, 2-5-85, Cl. 369-270.000.
- Wilkinson, Richard A., Jr.; Hunt, William C.; and Rickert, David W., to Storage Technology Partners II. Flexible hub for removable disk. 4,542,426, 9-17-85, Cl. 360-97.000.
- Wilkinson, Richard A., Jr.: *See—*
  - Rickert, David W.; Wilkinson, Richard A., Jr.; and Hunt, William C., 4,502,136, Cl. 369-271.000.
- Wilkinson, Richard L.; and Giddings, Gary M., to Discovision Associates. Extended play videodisc. 4,519,004, 5-21-85, Cl. 358-342.000.
- Wilkinson, Robert E.: *See—*
  - Epel, Joseph N.; and Wilkinson, Robert E., 4,551,085, Cl. 425-405.00R.
- Wilkinson, Robert G., to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Synchronizing of clocks. 4,543,657, 9-24-85, Cl. 375-1.000.
- Wilkinson, Ronald E., to Teledyne Industries, Inc. Engine cooling system. 4,542,719, 9-24-85, Cl. 123-41.350.

Wilkinson, Samuel; and Hardy, George W., to Burroughs Wellcome Co. Pharmaceutical amides, and preparation, formulations and use thereof. 4,504,492, 3-12-85, Cl. 514-522.000.

Wilkinson Sword Limited: *See—*
- Duncan, David S., 4,501,067, Cl. 30-63.000.
- Gatley, Derrick R., 4,496,047, Cl. 206-354.000.
- Pittaway, Alan K., 4,494,339, Cl. 51-204.000.

Wilkinson, Wilfred H., to Rolls-Royce Limited. Compressor shrouds and shroud assemblies. 4,529,355, 7-16-85, Cl. 415-174.000.

Wilkinson, William K., to Du Pont de Nemours, E. I., and Company. Water soluble polyamines and process for their preparation. 4,526,935, 7-2-85, Cl. 525-345.000.

Wilkinson, William R.; and Sharp, Russell G., to Sharp, Russell G. Seamless suppository dispenser. 4,537,311, 8-27-85, Cl. 206-529.000.

Wilkinson, William T. Exercising device for simulating climbing. 4,561,652, 12-31-85, Cl. 272-119.000.

Wilkis, Anthony J., to Rockwell International Corporation. Flexible printed circuit connector. 4,533,206, 8-6-85, Cl. 339-258.00R.

Wilks, Robert S., to Westinghouse Electric Corp. Automated printed circuit board assembly method. 4,550,494, 11-5-85, Cl. 29-838.000.

Will, Brian C.: *See—*
- Young, Horace J.; Becker, Robert F.; and Will, Brian C., 4,547,109, Cl. 414-22.000.

Will, Elmar. Rechargeable power pack and a pocket lamp for use therewith. 4,514,790, 4-30-85, Cl. 362-183.000.

Will, Neal; and Thurston, Larry R. Disposable bonnet raincoat. 4,541,128, 9-17-85, Cl. 2-84.000.

Willamette Industries, Inc.: *See—*
- Carl, Charles L.; Gale, Ronald S.; and Forstrom, William J., 4,545,781, Cl. 493-220.000.
- Gale, Ronald S.; Bristol, William E.; and Noonan, Carroll, 4,537,586, Cl. 493-220.000.
- Jes, Otto J., 4,497,408, Cl. 206-509.000.

Willard, Alvin K.: *See—*
- Bernstein, Peter R.; and Willard, Alvin K., 4,499,299, Cl. 514-570.000.
- Hoffman, William F.; Lee, Ta-Jyh; Smith, Robert L.; and Willard, Alvin K., 4,503,072, Cl. 424-305.000.

Willard, G. Fred; and Hutchings, David A., to Owens-Corning Fiberglas Corporation. Formation of molded glass fiber parts from glass fiber blankets and product. 4,516,996, 5-14-85, Cl. 65-3.430.

Willard, Ralph O., to Dow Chemical Company, The. Fluid and method for placing gravel packs. 4,504,400, 3-12-85, Cl. 252-8.55R.

Willards Foods Limited: *See—*
- Stanley, Haydn T.; and Drake, Derek J., 4,530,849, Cl. 426-439.000.

Willaschek, Horst: *See—*
- Glasmeyer, Ulrich; and Willaschek, Horst, 4,544,405, Cl. 75-51.200.

Willcocks, Kenneth: *See—*
- Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, 4,542,149, Cl. 514-422.000.
- Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, 4,555,509, Cl. 514-278.000.

Willcocks, Martin E. G., to Bogue, John C.; and Ruggles, Wesley, Jr. Variable rate and variable limit dimension controls for a directional enhancement system. 4,525,855, 6-25-85, Cl. 381-22.000.

Willcocks, Martin E. G., to Bogue, John C.; and Ruggles, Wesley, Jr. Automatic dimension control for a directional enhancement system. 4,532,647, 7-30-85, Cl. 381-22.000.

Willcott, M. Robert: *See—*
- Mee, Gary L.; and Willcott, M. Robert, 4,502,007, Cl. 324-307.000.
- Mee, Gary L.; and Willcott, M. Robert, 4,543,529, Cl. 324-313.000.
- Morgan, Tommie J.; and Willcott, M. Robert, 4,551,678, Cl. 324-300.000.

Willcox, Charles R., to AT&T Teletype Corporation. Thermal print head. 4,516,136, 5-7-85, Cl. 346-76.0PH.

Willcox, Frederick P. Paper feeding and guiding system. 4,502,804, 3-5-85, Cl. 400-641.000.

Wille, Allen R. Carpenter jack. 4,552,337, 11-12-85, Cl. 254-106.000.

Wille, Marc, to N.V. Raychem S.A. Coating recoverable sheets. 4,515,831, 5-7-85, Cl. 427-223.000.

Willeboordse, Friso G.: *See—*
- Burns, Richard J.; Willeboordse, Friso G.; and Cohen, Martin F., 4,560,410, Cl. 106-2.000.

Willeby, Randy C.; and Wheeless, Kenneth L. Drink holder. 4,560,128, 12-24-85, Cl. 248-230.000.

Willemse, Kees; Meek, Jan; and Michelsen, Finn C., to Heerema Engineering Service BV. Offshore tower constructions and methods of erection and installation thereof. 4,553,878, 11-19-85, Cl. 405-203.000.

Willemsen, Donald J.: *See—*
- MacKinnon, Allan S.; Willemsen, Donald J.; and Hamilton, David T., 4,530,056, Cl. 364-424.000.

Willemsen, Henricus P.; Vaessen, Leonardus M. A.; and van der Hoorn, Rudolf J. G. A., to Vredestein N.V. Method for the production of a hose of a shape-cured elastomeric material, such as vulcanized rubber, especially an automotive radiator coolant hose. 4,500,485, 2-19-85, Cl. 264-313.000.

Willemsen, Stephanus; Weening, Willem E.; and Steenbergen, Anne, to Akzo N.V. Adhesive-coated multifilament yarn of an aromatic polyamide, a yarn package, a cord, a fabric, a reinforced object and a process for making said yarn. 4,557,967, 12-10-85, Cl. 428-224.000.

Willenbacher, Erich, to Pfaff Industriemaschinen GmbH. Sewing machine equipped for producing shaped seams. 4,495,877, 1-29-85, Cl. 112-121.110.

Willenbacher, Erich, to Pfaff Industriemaschinen GmbH. Thread changing mechanism for sewing machines. 4,524,703, 6-25-85, Cl. 112-098.000.

Willenbacher, Erich, to Pfaff Industriemaschinen GmbH. Sewing machine material guiding device. 4,526,117, 7-2-85, Cl. 112-308.000.

Willenbacher, Erich, to Pfaff Industriemaschinen GmbH. Sewing machine having the needle holder magazine with automatic coupling and decoupling of thread containing needles and needle holders. 4,546,712, 10-15-85, Cl. 112-89.000.

Willenbacher, Erich, to Pfaff Industriemaschinen GmbH. Sewing machine having the needle holder magazine with automatic coupling and decoupling of thread containing needles and needle holders. 4,561,368, 12-31-85, Cl. 112-241.000.

Willenbring, Armer J., to Pako Corporation. Semi-automatic slide mounter with anti-reverse operating lever. 4,516,386, 5-14-85, Cl. 53-520.000.

Willer, David A.; Rosbak, John; and McCombs, Daniel G., to Deere & Company. Drafting table attachment. 4,533,108, 8-6-85, Cl. 248-467.000.

Willer, Rodney L., to United States of America, Navy. 1,4,5,8-Tetranitro-1,4,5,8-tetraazadifurazano-[3,4-c][3,4-h]decalin. 4,503,229, 3-5-85, Cl. 544-343.000.

Willer, Rodney L., to United States of America, Navy. Synthesis of 1,4-dinitrofurazano(3,4-b)piperazine. 4,539,405, 9-3-85, Cl. 544-367.000.

Willers, Arthur G.: *See—*
- Hampel, Herbert J.; and Willers, Arthur G., 4,515,419, Cl. 312-7.100.

Willert, Manfred: *See—*
- Weber, Klaus; Willert, Manfred; and Blessmann, Heinz, 4,521,076, Cl. 350-254.000.

Willert, Otto. Composite profiled member. 4,524,112, 6-18-85, Cl. 428-595.000.

Willett International Limited: *See—*
- Moore, Eugene W., 4,539,570, Cl. 346-75.000.

Willett, Paul E., to Baker Perkins Exports Pty. Ltd. Baker's oven. 4,538,050, 8-27-85, Cl. 219-388.000.

Willett, Richard L. Sequentially steered receiver with timed recycle calibration. 4,499,472, 2-12-85, Cl. 343-374.000.

Willett, Ronald J.: *See—*
- Emmett, David P.; Muelling, Duane D.; and Willett, Ronald J., 4,552,015, Cl. 73-113.000.

Willette Corporation: *See—*
- Korpijaakko, Pekka, 4,515,741, Cl. 264-62.000.

Willey, Gordon: *See—*
- Naden, David; Webster, David G.; and Willey, Gordon, 4,502,952, Cl. 210-86.000.

Willging, Arthur W.: *See—*
- Pillari, Joseph C.; and Willging, Arthur W., 4,516,076, Cl. 324-418.000.

Willging, Stephen M., to Henkel Corporation. Purification of tocopherols. 4,550,183, 10-29-85, Cl. 549-413.000.

Willhaus, Werner, to International Standard Electric Corporation. Pushbutton switch assembly with integrated lock-down switch. 4,536,628, 8-20-85, Cl. 200-43.080.

Willhite, Emzlie A. Fish alerter. 4,506,468, 3-26-85, Cl. 43-17.000.

Willi Becker Ingenieurburo GmbH: *See—*
- Becker, Willi; and Johannsen, Karl, 4,493,660, Cl. 440-67.000.

Willi, Ernst, to Mettler Instrumente AG. Weighing apparatus including overload protection means. 4,496,014, 1-29-85, Cl. 177-187.000.

Willi, Ernst; and Fluckiger, Hans-Ulrich, to Mettler Instrumente AG. Weighing apparatus of the vibratory string type. 4,541,495, 9-17-85, Cl. 177-210.0FP.

Willi Studer AG: *See—*
- Gaskell, Philip S.; Lagadec, Roger; and McNally, Guy W., 4,562,489, Cl. 360-39.000.

William A. Dye: *See—*
- Rathbun, Ethan M., 4,506,883, Cl. 272-99.000.

William Beaumont Hospital: *See—*
- Petty, Dale H.; Penner, David A.; and Van Den Berghe, James A., 4,503,859, Cl. 128-635.000.

William D. Miller, Inc.: *See—*
- Miller, William D.; Stiff, Omar L.; and Mercurio, Benardo, 4,553,900, Cl. 414-745.000.

William H. Rorer, Inc.: *See—*
- Campbell, Henry F., 4,514,400, Cl. 514-252.000.
- Campbell, Henry F.; Kuhla, Donald E.; Studt, William L.; and Dodson, Stuart A., 4,520,025, Cl. 514-275.000.
- Campbell, Henry F., 4,539,321, Cl. 514-252.000.
- Chou, Billy J., 4,562,209, Cl. 514-596.000.
- Diamond, Julius; and Douglas, George H., 4,515,718, Cl. 260-239.00B.
- Kuhla, Donald E.; Campbell, Henry F.; and Studt, William L., 4,529,723, Cl. 514-212.000.
- Kuhla, Donald E.; Campbell, Henry F.; and Studt, William L., 4,543,352, Cl. 514-212.000.
- Kuhla, Donald E.; Studt, William L.; Campbell, Henry F.; and Yelnosky, John, 4,562,188, Cl. 514-245.000.
- Studt, William L.; and Zimmerman, Harry K., 4,496,573, Cl. 514-344.000.
- Studt, William L.; Dodson, Stuart A.; Zimmerman, Harry K.; and Barnes, James L., 4,544,670, Cl. 514-617.000.

William, John S.: *See—*
- Christian, John H.; Hartung, Michael H.; Nolta, Arthur H.; Reed, David G.; Rieck, Richard E.; and William, John S., 4,533,995, Cl. 364-200.000.

William L. Bonnell Company, The: *See—*
- Kennedy, James A., 4,508,564, Cl. 75-65.00R.

- William Nash Company, Inc.: *See—*
  - Nash, Robert W.; Andre, Paul R.; and Knoblock, Dennis F., 4,494,775, Cl. 285-26.000.
- Wm. Neundorfer & Co., Inc.: *See—*
  - Brussee, Richard C.; and Dowd, Robert E., Jr., 4,514,780, Cl. 361-226.000.
- William Prym-Werke KG: *See—*
  - Fischer, Albert J., 4,493,275, Cl. 112-105.000.
  - Herten, Ernst; and Eiringhaus, Eilhelm, 4,541,558, Cl. 227-1.000.
  - Kopatz, Heinz-Dieter, 4,557,155, Cl. 74-200.000.
- Wm. R. Stewart & Sons (Hacklemakers) Ltd.: *See—*
  - Stewart, William R.; Stewart, David B.; and Dickinson, John M. C., 4,530,133, Cl. 19-97.000.
- Wm. Steinen Mfg. Co.: *See—*
  - Kuzma, Gregory S., 4,512,358, Cl. 137-116.000.
- Wm. W. Meyer & Sons, Inc.: *See—*
  - Jackson, Carroll V., 4,509,963, Cl. 55-324.000.
- Wm. Wrigley Jr. Company: *See—*
  - Arnold, Todd W.; and Patel, Mansukh M., 4,562,076, Cl. 426-5.000.
- Williamette Industries, Inc.: *See—*
  - Croley, Thomas E., 4,516,692, Cl. 222-105.000.
- Williams, Aaron T. Throat guard apparatus. 4,544,357, 10-1-85, Cl. 433-136.000.
- Williams, Abbott R. Retractable tiller for installation at side of tractor. 4,531,589, 7-30-85, Cl. 172-5.000.
- Williams, Alan R.: *See—*
  - Reynolds, James E.; and Williams, Alan R., 4,556,422, Cl. 75-101.00R.
- Williams, Albert L.: *See—*
  - Heiba, El-Ahmadi I.; and Williams, Albert L., 4,539,127, Cl. 252-47.500.
- Williams, Alford M.: *See—*
  - Hurta, Gary L.; Milberger, Lionel J.; and Williams, Alford M., 4,497,369, Cl. 166-368.000.
- Williams, Arlene G., to General Electric Company. Organoaluminosiloxane coating compositions and coated substrate. 4,528,038, 7-9-85, Cl. 106-287.130.
- Williams, Arlene G., to General Electric Company. Organoaluminosiloxane coating compositions and coated substrate. 4,554,186, 11-19-85, Cl. 427-387.000.
- Williams, Arthur C.: *See—*
  - Judkins, Milton W.; and Williams, Arthur C., 4,560,126, Cl. 248-72.000.
- Williams, Arthur H.: *See—*
  - Tan, Tai Ho; and Williams, Arthur H., 4,542,290, Cl. 250-213.0VT.
- Williams, Barry C.: *See—*
  - Kirkpatrick, Larry E.; and Williams, Barry C., 4,498,807, Cl. 405-43.000.
- Williams, Benjamin J., Jr.; and Hodge, Robert G., to Allied Corporation. Odorant injection apparatus. 4,504,281, 3-12-85, Cl. 48-195.000.
- Williams, Bob J.; and Brors, Daniel L., to Eaton Corporation. Mask structure for X-ray lithography and method for making same. 4,539,278, 9-3-85, Cl. 430-5.000.
- Williams, Bolie C., III, to Cameron Iron Works, Inc. Ram-type blowout preventer with improved ram front packer. 4,541,639, 9-17-85, Cl. 277-73.000.
- Williams, Bolie C., III: *See—*
  - Just, Friedrich E.; and Williams, Bolie C., III, 4,508,311, Cl. 251-1.00B.
  - Taylor, William M.; and Williams, Bolie C., III, 4,508,312, Cl. 251-1.00A.
- Williams, Brian H.: *See—*
  - Martens, John A.; and Williams, Brian H., 4,559,382, Cl. 524-535.000.
- Williams and Broome, Inc.: *See—*
  - Broome, Kenneth R., 4,540,313, Cl. 405-78.000.
- Williams, Bruce E.: *See—*
  - Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,507,312, Cl. 514-471.000.
  - Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,548,928, Cl. 514-232.000.
  - Suh, John T.; Skiles, Jerry W.; Williams, Bruce E.; and Schwab, Alfred, 4,549,992, Cl. 260-455.00R.
- Williams, Carl L., Jr.; and Payne, Larry R., to LaJet Energy Company. Reflector with easily replaceable reflective membrane. 4,548,482, 10-22-85, Cl. 350-608.000.
- Williams, Charles D., to Marquest Medical Products, Inc. Tray apparatus for freeze-drying biologicals having a predetermined unit dosage. 4,501,719, 2-26-85, Cl. 422-102.000.
- Williams, Charles R.; Yonker, John H.; and Thurman, Robert L., to Otis Engineering Corporation. Well injection system. 4,494,608, 1-22-85, Cl. 166-317.000.
- Williams, Charles R., to Otis Engineering Corporation. Landing nipple with subsurface safety valve. 4,524,830, 6-25-85, Cl. 166-321.000.
- Williams, Charles R.: *See—*
  - Yonker, John H.; Williams, Charles R.; and Granhaug, Otto J., 4,530,485, Cl. 251-93.000.
- Williams, Charles W.: *See—*
  - Duncan, David T.; Lipscomb, David M.; McElligott, John; and Williams, Charles W., 4,508,116, Cl. 128-203.280.
- Williams, Christopher G. Irrigation system. 4,522,338, 6-11-85, Cl. 239-177.200.
- Williams, Claude E.; and Gates, F. Alan. Wheel chair lift apparatus. 4,493,603, 1-15-85, Cl. 414-541.000.
- Williams, Conrad F.: *See—*
  - Culligan, John C.; Stich, Frederick A.; and Williams, Conrad F., 4,516,185, Cl. 361-154.000.
- Williams, Daniel E.; Carley, John J.; and Eaton, Paul S., to Data Acquisition Services. Automatic user selected variable telephone message record and playback system. 4,517,410, 5-14-85, Cl. 179-6.040.
- Williams, Daniel W., to McCurdy, Robert. Game apparatus. 4,492,378, 1-8-85, Cl. 273-142.0HA.
- Williams, David; and Munnecke, Douglas M. Reduced biodegradability in a polymer flood process. 4,517,101, 5-14-85, Cl. 252-8.55D.
- Williams, David: *See—*
  - Stonestreet, Paul R.; Williams, David; Anderson, Kenneth; and Butcher, Peter J. L., 4,550,411, Cl. 373-134.000.
- Williams, David A., to Aervoe-Pacific Company, Inc. Wheeled spraying device. 4,545,531, 10-8-85, Cl. 239-150.000.
- Williams, David L.; Southwick, Everett W.; and Houminer, Yoram, to Philip Morris Incorporated. Smoking compositions containing acylpyrazine ether flavorants. 4,535,791, 8-20-85, Cl. 131-278.000.
- Williams, David S.: *See—*
  - Levinstein, Hyman J.; Murarka, Shyam P.; and Williams, David S., 4,522,842, Cl. 427-8.000.
- Williams, Dean T.; and Swiney, Charles E., to Weld Mold Company. Welding apparatus. 4,532,407, 7-30-85, Cl. 219-125.100.
- Williams, Dennis A., to Western Company of North America, The. Crosslinker composition for high temperature hydraulic fracturing fluids. 4,534,870, 8-13-85, Cl. 252-8.55R.
- Williams, Derek, to Lucas Industries Public Limited Company. Fuel supply system. 4,516,547, 5-14-85, Cl. 123-198.00A.
- Williams, Donald F. Adjustable expandable slip-on canoe back rest. 4,493,285, 1-15-85, Cl. 114-363.000.
- Williams, Donald F. Adjustable canoe pontoons. 4,512,277, 4-23-85, Cl. 114-364.000.
- Williams, Donald H., to Consolidated Papers, Inc. Apparatus for opening folded corrugated cartons. 4,530,692, 7-23-85, Cl. 493-309.000.
- Williams, Donald L., to General Motors Corporation. Fuel injection system with fuel flow limiting valve assembly. 4,539,959, 9-10-85, Cl. 123-456.000.
- Williams, Dylan F.: *See—*
  - Cho, Frederick Y.; and Williams, Dylan F., 4,506,239, Cl. 333-196.000.
- Williams, Earl P.; and Wood, Lindley S., to GAF Corporation. Stable dispersion of alkylated polyvinylpyrrolidone and vinyl pyrrolidone. 4,514,271, 4-30-85, Cl. 204-159.150.
- Williams, Edward K.: *See—*
  - Kaminski, Christopher A.; and Williams, Edward K., 4,543,503, Cl. 310-59.000.
- Williams, Errol R., Jr., to Rolm Corporation. Power supply for CRT terminal. 4,546,388, 10-8-85, Cl. 358-190.000.
- Williams, Foster R.: *See—*
  - Arter, William L.; and Williams, Foster R., 4,511,785, Cl. 219-124.340.
- Williams, Francis V., to Lucas Industries Limited. Disc brakes. 4,511,020, 4-16-85, Cl. 188-73.390.
- Williams, Frank. Blanket lifting device. 4,493,121, 1-15-85, Cl. 5-505.000.
- Williams, Frank M. Golf training device. 4,521,023, 6-4-85, Cl. 273-183.00B.
- Williams, Franklin E., to Burlington Industries, Inc. Reinforced primary backing for carpet. 4,556,602, 12-3-85, Cl. 428-259.000.
- Williams, Frederick; and Coe, Anthony D., to David Brown Tractors Ltd. Tractor front loaders. 4,498,839, 2-12-85, Cl. 414-686.000.
- Williams, Frederick; and Coe, Anthony D., to David Brown Tractors Ltd. Tractor front loader. 4,522,554, 6-11-85, Cl. 414-686.000.
- Williams, Frederick C., to Hughes Aircraft Company. Monopulsed radar system for tracking ground targets. 4,533,916, 8-6-85, Cl. 343-7.400.
- Williams, Frederick J.: *See—*
  - Knight, Lindsay C.; Cash, David A.; Stewart, Duncan; Cottis, Robert A.; Bowyer, William H.; Newnham, Robert C.; Williams, Frederick J.; and Pardon, David W., 4,514,621, Cl. 235-400.000.
- Williams, Frederick P.: *See—*
  - Brister, Eneas E.; and Williams, Frederick P., 4,522,672, Cl. 156-238.000.
- Williams, Gareth F., to AT&T Bell Laboratories. Nonintegrating receiver. 4,540,952, 9-10-85, Cl. 330-279.000.
- Williams, Gary L.: *See—*
  - Armstrong, Gordon P.; Flautt, Martin C.; and Williams, Gary L., 4,537,107, Cl. 83-694.000.
- Williams, Gary R.: *See—*
  - Cove, Harry R., 4,540,022, Cl. 137-625.300.
- Williams, George C.: *See—*
  - Olson, Samson A.; and Williams, George C., 4,503,752, Cl. 91-48.000.
- Williams, Gerald J. Three cycle engine with varying combustion chamber volume. 4,493,296, 1-15-85, Cl. 123-55.0AA.
- Williams, Gerald J. Cam operated engine. 4,510,894, 4-16-85, Cl. 123-48.00R.
- Williams, Gerald J. Three cycle internal combustion engine. 4,516,536, 5-14-85, Cl. 123-39.000.
- Williams, Gerald M.: *See—*
  - Dean, Anthony B.; Farrow, Robin F. C.; Migliorato, Piero; White, Anthony M.; and Williams, Gerald M., 4,494,133, Cl. 357-30.000.
- Williams, Glen. Child car restraint. 4,502,732, 3-5-85, Cl. 297-488.000.
- Williams, Graham: *See—*
  - Pawloski, James A.; Williams, Graham; and Pawloski, James A., Jr., 4,530,357, Cl. 128-312.000.

- Williams, Gregory A.: *See—*
  - Tentler, Michael; Walker, David L.; Bretl, Wayne E.; and Williams, Gregory A., 4,554,581, Cl. 358-120.000.
- Williams, Gwynne: *See—*
  - Edwards, Michael F.; Barlow, John; Foreman, Frederick A.; and Williams, Gwynne, 4,538,860, Cl. 305-56.000.
- Williams, H. Jay; and Yauneridge, Raymond. Transfer valve. 4,501,295, 2-26-85, Cl. 137-625.190.
- Williams, Harry K.: *See—*
  - Hill, Frank P., Jr.; Alden, John W., Jr.; and Williams, Harry K., 4,524,729, Cl. 122-498.000.
- Williams, Harvey A.: *See—*
  - Grabarski, David L.; and Williams, Harvey A., 4,519,276, Cl. 81-3.200.
- Williams, Haydn W. R.: *See—*
  - Cragoe, Edward J., Jr.; Rooney, Clarence S.; and Williams, Haydn W. R., 4,537,902, Cl. 514-422.000.
- Williams, Howard E.: *See—*
  - Kwon, Tae M.; and Williams, Howard E., 4,495,478, Cl. 333-230.000.
- Williams, Howard G. Remote controlled self-powered excavator apparatus. 4,526,413, 7-2-85, Cl. 294-88.000.
- Williams, Hugh K., to Caterpillar Tractor Co. Starting system/hydraulic system interlock. 4,542,721, 9-24-85, Cl. 123-179.00K.
- Williams, Ian G., to Imperial Chemical Industries PLC. Flame retardant polyamide compositions. 4,530,951, 7-23-85, Cl. 524-101.000.
- Williams, Ian G., to Imperial Chemical Industries PLC. Flame retardant polyamide compositions. 4,548,972, 10-22-85, Cl. 524-100.000.
- Williams, Ian G., to Imperial Chemical Industries PLC. Flame retardent polyamide compositions. 4,552,912, 11-12-85, Cl. 524-100.000.
- Williams, Inc.: *See—*
  - Hagen, Glenn E., 4,552,514, Cl. 417-332.000.
  - Hagen, Glenn E., 4,555,307, Cl. 202-177.000.
- Williams Industries, Inc.: *See—*
  - Turner, Donald R., 4,543,445, Cl. 174-5.00R.
- Williams Instrument Company, Inc.: *See—*
  - Biancardi, Osvaldo, 4,529,001, Cl. 137-100.000.
- Williams International Corporation: *See—*
  - Clark, Ralph J., 4,525,995, Cl. 60-39.080.
  - Cruzen, Gerald S.; Izadi, Said; and Nagy, Peter, 4,494,287, Cl. 29-156.80R.
  - Egan, Michael J.; and Quill, Gary J., 4,538,331, Cl. 29-156.80R.
  - Hall, Robert T., 4,499,940, Cl. 164-36.000.
  - Joy, John R., 4,526,013, Cl. 62-236.000.
  - Schimmel, William P.; Barker, Clifford S.; and Jones, Dana P., 4,526,747, Cl. 419-8.000.
- Williams, James A.: *See—*
  - Floyd, Terry S.; and Williams, James A., 4,503,593, Cl. 28-263.000.
- Williams, James E., to Cuisinarts Research & Development, Inc. Dual cover and feed tube protector actuation apparatus for a food processor. 4,506,836, 3-26-85, Cl. 241-37.500.
- Williams, James E., to Cuisinarts, Inc. Single vertical motion feedtube protector and actuator for a food processor. 4,512,522, 4-23-85, Cl. 241-37.500.
- Williams, James E.; and Kozlowski, Edward R., to Cuisinarts, Inc. Storage rack for food processor tool discs. 4,557,389, 12-10-85, Cl. 211-13.000.
- Williams, James E.: *See—*
  - Lubinsky, Anthony R.; Denton, Gary A.; Keller, Paul D.; and Williams, James E., 4,537,494, Cl. 355-3.0DD.
- Williams, James H., to Borden, Inc. Urea-formaldehyde precursor. 4,501,851, 2-26-85, Cl. 524-542.000.
- Williams, James H., to Borden, Inc. Urea-formaldehyde fertilizer suspensions. 4,530,713, 7-23-85, Cl. 71-28.000.
- Williams, James J., Jr.: *See—*
  - Dischert, Robert A.; and Williams, James J., Jr., 4,507,676, Cl. 358-30.000.
- Williams, James M.: *See—*
  - Sherman, Leonard H.; Swartz, James R.; and Williams, James M., 4,554,499, Cl. 318-696.000.
- Williams, James N. Lifting tongs. 4,530,536, 7-23-85, Cl. 294-118.000.
- Williams, James T.: *See—*
  - Whittenburg, Stephen L.; McCormick, David D.; Tweed, William J.; Ozgunay, A. Aykut; and Williams, James T., 4,509,412, Cl. 99-331.000.
- Williams, James T., Jr. Portable orthopaedic splint system. 4,537,184, 8-27-85, Cl. 128-90.000.
- Williams, Jesse J.: *See—*
  - Kelm, James S.; Vickers, Edward C.; Williams, Jesse J.; and Taylor, Jack R., 4,534,166, Cl. 60-39.230.
- Williams, Jim: *See—*
  - White, Wayne; and Williams, Jim, 4,547,033, Cl. 339-97.00R.
- Williams, John C.: *See—*
  - Crowley, Patrick J.; and Williams, John C., 4,547,214, Cl. 71-76.000.
- Williams, John E., Jr., to AAKAC Industries Inc. Anti-dive front wheel suspension suitable for motorcycle. 4,524,844, 6-25-85, Cl. 180-219.000.
- Williams, John L. Mobile apparatus for the infield handling of fibrous material. 4,548,131, 10-22-85, Cl. 100-1.000.
- Williams, John P., to British Gas Corporation. Apparatus for applying heat to a portion of a pipeline. 4,515,562, 5-7-85, Cl. 432-225.000.
- Williams, John T.; and August, Melvin C., to Cray Research, Inc. Interconnected multiple circuit module. 4,514,784, 4-30-85, Cl. 361-386.000.
- Williams, John T.: *See—*
  - August, Melvin C.; and Williams, John T., 4,535,385, Cl. 361-388.000.
- Williams, John W., to Boeing Company, The. Strut steering and retracting apparatus. 4,499,843, 2-19-85, Cl. 114-280.000.
- Williams, Joseph E., to Coras Iompair Eireann. Barrier unlocking mechanism. 4,525,951, 7-2-85, Cl. 49-47.000.
- Williams, Joy L.: *See—*
  - Haas, Louis M.; Williams, Joy L.; and Smith, Boyd E., 4,527,716, Cl. 222-83.500.
- Williams, Keith R., to Sundstrand Corporation. Pressure limiter. 4,512,723, 4-23-85, Cl. 417-222.000.
- Williams, Kenneth R.; McClaran, Mark R.; and Giacobbi, Peter D., to Johnston Pump/General Valve, Inc. Toggle gate valve. 4,491,145, 1-1-85, Cl. 137-312.000.
- Williams, Lanny J. Mechanical toy bull. 4,519,787, 5-28-85, Cl. 446-313.000.
- Williams, Lawrence D., to Precision Hardware, Inc. Lock bar. 4,491,354, 1-1-85, Cl. 292-148.000.
- Williams, Lawrence E.: *See—*
  - Gamble, Ronald C.; Tin, George W.; and Williams, Lawrence E., 4,497,791, Cl. 424-1.100.
- Williams, Leonard E., Jr., to Cameron Iron Works, Inc. Ram-type blowout preventer. 4,541,606, 9-17-85, Cl. 251-1.300.
- Williams, Leslie F., to Eagle Tractor Company, Inc. Land leveling device. 4,526,238, 7-2-85, Cl. 172-780.000.
- Williams, Leslie P., to Cause Consequence Analysis, Inc. Foam-applying nozzle having adjustable flow rates. 4,497,442, 2-5-85, Cl. 239-437.000.
- Williams, Luanne S.: *See—*
  - Grover, Jeffrey M.; and Williams, Luanne S., 4,543,233, Cl. 376-446.000.
- Williams Lumber Yard: *See—*
  - Stark, Terry R., 4,495,884, Cl. 114-357.000.
- Williams, Malcolm; Tingey, Albert R.; Southgate, John P.; and Russell, Steven J., to Lucas Industries Limited. Internal combustion engine. 4,512,319, 4-23-85, Cl. 123-492.000.
- Williams, Malcolm, to Lucas Industries Limited. Fuel control system for an internal combustion engine. 4,552,113, 11-12-85, Cl. 123-436.000.
- Williams, Mark A.: *See—*
  - Farrell, Christopher J.; and Williams, Mark A., 4,526,823, Cl. 428-35.000.
- Williams, Mark C.: *See—*
  - Cantu, Terry S.; and Williams, Mark C., 4,498,246, Cl. 34-9.000.
- Williams, Marshall, to Ampex Corporation. Shift register delay circuit. 4,530,107, 7-16-85, Cl. 377-44.000.
- Williams, Marshall, to Ampex Corporation. Apparatus and method for indicating tape time. 4,532,560, 7-30-85, Cl. 360-72.300.
- Williams, Marshall, to Ampex Corporation. Tape remaining circuit. 4,557,434, 12-10-85, Cl. 242-189.000.
- Williams, Marshall, to Ampex Corporation. Dynamically interactive responsive control device and system. 4,560,983, 12-24-85, Cl. 340-825.000.
- Williams, Martin D. Detection of lung cancer using breath luminescence. 4,534,360, 8-13-85, Cl. 128-665.000.
- Williams, Marvin E.; Chaney, David B.; and Rebele, Donald J., to Huntington National Bank, The. Wheeled garment bag. 4,538,709, 9-3-85, Cl. 190-18.00A.
- Williams, Michael F.: *See—*
  - Lehman, R. Danford, Jr.; and Williams, Michael F., 4,497,492, Cl. 273-411.000.
- Williams, Michael M.: *See—*
  - Madsen, Roger E.; and Williams, Michael M., 4,511,080, Cl. 229-41.00C.
- Williams, Michael R.: *See—*
  - Boller, Edward; and Williams, Michael R., 4,553,906, Cl. 417-295.000.
- Williams, Oliver: *See—*
  - Herman, Thomas; and Williams, Oliver, 4,535,251, Cl. 250-551.000.
- Williams Patent Crusher and Pulverizer Company: *See—*
  - Williams, Robert M., 4,498,633, Cl. 241-48.000.
  - Williams, Robert M., 4,522,343, Cl. 241-58.000.
  - Williams, Robert M., 4,524,917, Cl. 241-101.200.
  - Williams, Robert M., 4,529,134, Cl. 241-30.000.
- Williams, Patricia D.; and Hottendorf, Girard H., to Bristol-Myers Company. Nephrotoxicity inhibitors for aminoglycoside antibiotics. 4,526,888, 7-2-85, Cl. 514-12.000.
- Williams, Paul: *See—*
  - Domin, Thomas M.; Landis, Dan R.; and Williams, Paul, 4,528,507, Cl. 324-229.000.
- Williams, Paul D. Folding firearm sight. 4,525,932, 7-2-85, Cl. 33-256.000.
- Williams, Peter C.; Koch, Ulrich H.; Yusko, Edward M., Jr.; and Mannion, Thomas M., to Whitey Co. Valve stem packing assembly. 4,538,790, 9-3-85, Cl. 251-214.000.
- Williams, Peter C.; Koch, Ulrich H.; Yusko, Edward M., Jr.; and Mannion, Thomas M., to Whitey Co. Valve stem packing assembly. 4,558,874, 12-17-85, Cl. 277-112.000.
- Williams, Peter J.: *See—*
  - Cogswell, Frederic N.; Hezzell, David J.; and Williams, Peter J., 4,559,262, Cl. 428-294.000.
- Williams, Richard A.: *See—*
  - Liggett, Louis G.; Lang, Kevin W.; Wyss, Clement R.; and Williams, Richard A., 4,500,553, Cl. 426-101.000.

Williams, Richard B. Combined gate and lock assembly. 4,545,150, 10-8-85, Cl. 49-366.000.

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Coy, Charles H., 4,517,427, Cl. 219-10.510.

Williams, Richard J., to Rockwell International Corporation. Method of forming a brake drum. 4,536,936, 8-27-85, Cl. 29-447.000.

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Williams, Richard P., to United States of America, National Security Agency. Magnetic bubble logic apparatus. 4,497,042, 1-29-85, Cl. 365-5.000.

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Williams, Richard S., to BIP Chemicals Limited. Polyester moulding compositions. 4,540,729, 9-10-85, Cl. 524-114.000.

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Williams, Robert. Multiple layered markable and self-adhereable tape. 4,557,971, 12-10-85, Cl. 428-343.000.

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Williams, Robert A. Locking apparatus for test probe. 4,525,016, 6-25-85, Cl. 339-75.00R.

Williams, Robert A. Electrical cable connector assembly. 4,525,021, 6-25-85, Cl. 339-104.000.

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Florence, Robert A.; Campbell, John R.; and Williams, Robert E., Jr., 4,496,705, Cl. 528-34.000.

Williams, Robert F. Freeze proof faucet. 4,538,637, 9-3-85, Cl. 137-360.000.

Williams, Robert G. Convex radius gauge. 4,554,747, 11-26-85, Cl. 33-553.000.

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Williams, Robert L.; and Marks, Christopher, to Allied Corporation. Triaxial electrical connector. 4,519,666, 5-28-85, Cl. 339-177.00R.

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Williams, Robert M.; and Davis, Bob, to Bull Dog Tool Inc. Well clean out tool. 4,493,383, 1-15-85, Cl. 175-234.000.

Williams, Robert M., to Williams Patent Crusher and Pulverizer Company. Apparatus for processing coal. 4,498,633, 2-12-85, Cl. 241-48.000.

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Williams, Robert M., to Williams Patent Crusher and Pulverizer Company. Self-clearing shredding apparatus and method of operation thereof. 4,529,134, 7-16-85, Cl. 241-30.000.

Williams, Rodger W.; and Atwood, Charles W., to Alcon Laboratories, Inc. Irrigation/aspiration handpiece. 4,553,957, 11-19-85, Cl. 604-43.000.

Williams, Rodger W.; Atwood, Charles W.; and Morgan, Lawrence J., to Vxtra Corporation, 700 Division. Fluid coupling device. 4,560,144, 12-24-85, Cl. 251-344.000.

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Williams, Ronald K.: *See—*

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Williams, Roy L. Apparatus for whitewalling vehicle tires. 4,515,200, 5-7-85, Cl. 157-13.000.

Williams, Rulon A. Machine for molding and curing a mass of resilient material. 4,525,132, 6-25-85, Cl. 425-117.000.

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Williams, Thomas M., Jr. Trailer hitch. 4,560,184, 12-24-85, Cl. 280-478.00B.

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Williams, Todd E.; and Desch, Steven M., to Advanced Micro Devices, Inc. Process gas controller. 4,554,942, 11-26-85, Cl. 137-240.000.

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Bany, Stephen W.; Koshar, Robert J.; and Williams, Todd R., 4,543,398, Cl. 525-474.000.

Williams, Tommy A. Book support system. 4,512,603, 4-23-85, Cl. 294-137.000.

Williams, V. Harold; and Tomsu, David L., to Leslie Metal Arts Company. Spring loaded drawer assembly with mechanical damping. 4,494,806, 1-22-85, Cl. 312-333.000.

Williams, W. Jerry, to Omico Plastics, Inc. Apparatus and method for producing molded hollow article with filling of foamed plastic thermal insulation, and article produced thereby. 4,546,899, 10-15-85, Cl. 220-444.000.

Williams, Wiley. Charcoal briquet lighter. 4,503,835, 3-12-85, Cl. 126-25.00B.

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Williamson, D. Leroy, to United States of America, Agriculture. Visual-olfactory habitat mimic for assessment of fruit fly response to behavior-modifying chemicals. 4,548,804, 10-22-85, Cl. 424-9.000.
Williamson, Geoffry H., to Imax Systems Corporation. Wide film transport and register movement. 4,534,630, 8-13-85, Cl. 352-194.000.
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Williamson, Gilbert J.: *See—*
  Gulley, Brian W.; Williamson, Gilbert J.; Carmichael, Richard Q.; Cooke, David F.; and Taylor, Roderick, 4,561,860, Cl. 44-10.00R.
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Williamson, Kirk E. Drill bits with polycrystalline diamond cutting elements mounted on serrated supports pressed in drill head. 4,545,441, 10-8-85, Cl. 175-329.000.
Williamson, Michael, to Owens-Corning Fiberglas Corporation. Glass melting furnace. 4,531,218, 7-23-85, Cl. 373-39.000.
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Williamson, Stanley C., to Amchem Products, Inc. Rust preventatives. 4,559,088, 12-17-85, Cl. 148-6.15R.
Williamson, Terence J., to Burwell, Reed & Kinghorn Limited. Component. 4,555,259, 11-26-85, Cl. 65-374.120.
Williamson, William H.; and Slabaugh, Roger G., to Clark Equipment Company. Hydraulic reservoir. 4,529,512, 7-16-85, Cl. 210-120.000.
Williamson, William R. Bayonet tube heat exchanger. 4,548,257, 10-22-85, Cl. 165-1.000.
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Willinger, Allan H., to Willinger Bros., Inc. Aquarium aerating device. 4,532,037, 7-30-85, Cl. 210-169.000.
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Willis, Clyde A., to Walker-Neer Manufacturing Co., Inc. Self locking and unlocking elevator assembly. 4,511,169, 4-16-85, Cl. 294-116.000.
Willis, Donald E., to Bristol-Myers Company. Bottle-overcap combination. 4,544,073, 10-1-85, Cl. 215-246.000.
Willis, Donald H., to RCA Corporation. Video signal processor with automatic kinescope white balance and beam current limiter control systems. 4,516,152, 5-7-85, Cl. 358-29.000.
Willis, Donald H., to RCA Corporation. Regulated power supply circuit. 4,524,411, 6-18-85, Cl. 363-21.000.
Willis, Donald H.; and Fuhrer, Jack S., to RCA Corporation. Digital signal processing apparatus having digital dither. 4,524,447, 6-18-85, Cl. 375-26.000.
Willis, Donald H.; and Luz, David W., to RCA Corporation. Switched capacitor S-correction circuit. 4,533,855, 8-6-85, Cl. 315-370.000.
Willis, Donald H.; and Fling, Russell T., to RCA Corporation. Analog-to-digital conversion apparatus including double dither signal sources. 4,543,599, 9-24-85, Cl. 358-13.000.
Willis, Donald H., to RCA Corporation. Error compensated control system in a video signal processor. 4,554,578, 11-19-85, Cl. 358-65.000.
Willis, Donald H., to RCA Corporation. Scaling device as for quantized B-Y signal. 4,556,900, 12-3-85, Cl. 358-23.000.
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  Stoughton, John W.; and Willis, Donald H., 4,521,811, Cl. 358-243.000.
Willis, Horace E., Jr., to Merichem Company. Method for preparing elemental sulfur as a diffusion-resistant gas and methods for [illegible] use in making lime, sulfur dioxide and sulfuric acid from waste gypsum. 4,520,002, 5-28-85, Cl. 423-522.000.
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  Klessing, Klaus; and Chatterjee, Shyam S., 4,542,137, Cl. 514-265.000.
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Willmore, Robert R., to United States of America, Air Force. Angle set-on apparatus. 4,517,568, 5-14-85, Cl. 343-18.00E.
Willmouth, Robert W. Armature lift windmill. 4,508,972, 4-2-85, Cl. 290-55.000.
Willms, Lothar; Huttelmaier, Thomas; Mildenberger, Hilmar; Bauer, Klaus; Burstell, Helmut; and Bieringer, Hermann, to Hoechst Aktiengesellschaft. Sulfonylureas having heterocyclic substituents, and their use in agriculture. 4,492,598, 1-8-85, Cl. 71-93.000.
Willner, Lucas, Jr. Anti-skid device for vehicles. 4,534,508, 8-13-85, Cl. 238-14.000.
Willocks, Calvin B. Fence for a radial arm saw used as a dado cutter or molding cutter. 4,556,094, 12-3-85, Cl. 144-253.00J.
Willot, Henri, to Societe de Recherches et de Developpement Industriel S.A. Apparatus for profiling an abrasive millstone. 4,561,415, 12-31-85, Cl. 125-11.00R.
Willott, Lionel R. Appliance. 4,542,738, 9-24-85, Cl. 128-67.000.
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Willoughby, Marshall O., to Tolcon Steel Corporation. Plastic bullet. 4,553,479, 11-19-85, Cl. 102-430.000.
Willoughby, Michael D., to United States Gypsum Company. Method for forming a lightweight cementitious structural product and product formed thereby. 4,518,652, 5-21-85, Cl. 428-312.400.
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  Ito, Hiroshi; Willson, Carlton G.; and Frechet, Jean M. J., 4,491,628, Cl. 430-176.000.
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Willy, Erazm A. Electroacoustic transducer having a variable thickness diaphragm. 4,532,383, 7-30-85, Cl. 179-115.50R.

Willy Scheuerle Fahrzeugfabrik GmbH & Co.: *See—*
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  Scheuerle, Willy; and Prechtel, Georg, 4,494,624, Cl. 180-308.000.

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Willy, Wagnieres: *See—*
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Willyoung, David M.; and Anand, Ashok K., to General Electric Company. State-of-the-art gas turbine and steam turbine power plant. 4,503,681, 3-12-85, Cl. 60-655.000.

Wilmarth, Charles R. Wire puzzle. 4,524,972, 6-25-85, Cl. 273-158.000.

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  Stenz, Paul; Rubroder, Gunter; Schulze, Rainer; Haller, Bernd; Conrad, Horst; Franke, Heinrich; and Wilmes, Manfred, 4,529,261, Cl. 339-272.00R.

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  Bowditch, W. Raymond, 4,507,461, Cl. 528-104.000.
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Wilmoth, William C.: *See—*
  Kowalski, Robert J.; and Wilmoth, William C., 4,495,705, Cl. 33-265.000.

Wilms, Elmar; Herold, Karl-Dieter; and Salz, Rainer, to Henkel Kommanditgesellschaft auf Aktien. Stabilized zeolite A suspensions. 4,529,541, 7-16-85, Cl. 252-526.000.

Wilms, Friedrich, to Kusters, Eduard. Belt grinder for chip board and the like. 4,503,642, 3-12-85, Cl. 51-139.000.

Wilmshurst, Eric C.: *See—*
  Jeffery, James E.; Kozlik, Antonin; and Wilmshurst, Eric C., 4,522,828, Cl. 514-646.000.

Wilmsmeyer, Klaus, to ITT Industries, Inc. Counter for non-volatile storage. 4,530,108, 7-16-85, Cl. 377-111.000.

Wilner, L. Bruce; and Wong, Herbert V., to Becton, Dickinson and Company. High temperature layered silicon structures. 4,523,964, 6-18-85, Cl. 148-33.200.

Wilner, Leslie B., to Becton, Dickinson and Company. Piezoresistive transducer. 4,498,229, 2-12-85, Cl. 29-580.000.

Wilsey, Harvey J. Method of making a graphite zig-zag picket heater. 4,549,345, 10-29-85, Cl. 29-611.000.

Wilsford, JoAnn: *See—*
  Wilsford, Robert L., deceased, 4,521,043, Cl. 294-19.100.

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  Wilsford, Robert L., deceased, 4,521,043, Cl. 294-19.100.

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Wilson, A. Kenneth; and Barker, Ronald E., to AMSTED Industries Incorporated. Valve with improved sealing structure. 4,491,300, 1-1-85, Cl. 251-368.000.

Wilson, Alan G.: *See—*
  Webber, Gordon E. G.; and Wilson, Alan G., 4,494,446, Cl. 91-375.00A.
  Webber, Gordon E. G.; and Wilson, Alan G., 4,501,191, Cl. 91-375.00A.

Wilson, Albert H., to Thomas & Betts Corporation. Stackable electrical connector. 4,533,200, 8-6-85, Cl. 339-99.00R.

Wilson, Albert H.; and Sadigh-Behzadi, Amir-Akbar, to Thomas & Betts Corporation. Socket assembly connector for an electrical component. 4,538,867, 9-3-85, Cl. 339-17.0CF.

Wilson, Alex T., to Duval Corporation. Recovery of gold. 4,551,213, 11-5-85, Cl. 204-111.000.

Wilson, Andrew J.: *See—*
  Wilson, Robert H.; and Wilson, Andrew J., 4,552,190, Cl. 141-82.000.

Wilson, Angele; and Wilson, John, to Direct Broadcast Programs Inc. Watch and play activity kit. 4,560,359, 12-24-85, Cl. 446-75.000.

Wilson, Arthur C., to General Electric Company. Pyrolytic oven cleaning system. 4,493,976, 1-15-85, Cl. 219-398.000.

Wilson, Arthur C., to General Electric Company. Method of assembling a refrigerator. 4,558,503, 12-17-85, Cl. 29-446.000.

Wilson, Ben F., to United States of America, Army. Coiled curvilinear solid propellant grain. 4,534,293, 8-13-85, Cl. 102-289.000.

Wilson, Billy F., to Dresser Industries, Inc. Combination thermal and radiation shield. 4,503,327, 3-5-85, Cl. 250-261.000.

Wilson, Blake: *See—*
  Wolfe, James F.; Sybert, Paul D.; Sybert, Joanne R.; and Wilson, Blake, 4,533,724, Cl. 528-313.000.

Wilson, Bob T.: *See—*
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Wilson, Bobby L.: *See—*
  Singhal, Gopal H.; Colle, Karla S.; Edelson, Edward H.; Wilson, Bobby L.; and Dao, Loan H., 4,561,964, Cl. 208-10.000.

Wilson, Bradford W. Environmental curtain. 4,515,202, 5-7-85, Cl. 160-332.000.

Wilson, Bruce C.: *See—*
  Wilson, Randall J.; and Wilson, Bruce C., 4,522,054, Cl. 72-392.000.

Wilson, Bruce E.: *See—*
  De Boynton, William L.; Lee, Frederick C.; Wilson, Bruce E.; and O'Rourke, John F., 4,559,711, Cl. 33-199.00R.

Wilson, Bryce H.; and Hansen, Franklin A., to Continental Disc Corporation. Low pressure venting panel. 4,498,261, 2-12-85, Cl. 52-1.000.

Wilson, Bryce H., to Continental Disc Corporation. Rupture disc apparatus. 4,505,289, 3-19-85, Cl. 137-68.00R.

Wilson, Burton D.: *See—*
  Sandefur, Louise O.; Slusarek, Wojciech; Wilson, Burton D.; and Maggiulli, Cataldo A., 4,515,947, Cl. 544-295.000.

Wilson, Charles R.; Buss, Waldeen C.; and Field, Leslie A., to Chevron Research Company. Pretreatment method for enhancing the selectivity and increasing the stability of a reforming catalyst. 4,539,305, 9-3-85, Cl. 502-66.000.

Wilson, Christopher W.; Trujillo, Thomas M.; and Zallen, Dennis M., to University of New Mexico, The. Automatic fire extinguisher with acoustic alarm. 4,532,996, 8-6-85, Cl. 169-23.000.

Wilson, Colleen R.: *See—*
  Walter, Chris J.; Wilson, Colleen R.; and Berkovich, Semyon, 4,493,074, Cl. 370-119.000.

Wilson, Daniel C., to Dow Chemical Company, The. Liquid air freshener dispenser. 4,537,351, 8-27-85, Cl. 239-43.000.

Wilson, David; and Reverter, John A., to Ciba-Geigy Corporation. Water treatment composition comprising a hydrolyzed maleic anhydride copolymer and a zinc compound. 4,530,955, 7-23-85, Cl. 524-434.000.

Wilson, David: *See—*
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Wilson, David A.; and Wilson, Wilfred W., to Dow Chemical Company, The. Scale inhibiting with compounds containing quaternary ammonium and methylenephosphonic acid groups. 4,493,771, 1-15-85, Cl. 210-700.000.

Wilson, David A., to Dow Chemical Company, The. Metal ion control agents based on dicyclopentadiene derivatives. 4,500,470, 2-19-85, Cl. 260-502.50E.

Wilson, David A.; and Crump, Druce K., to Dow Chemical Company, The. Alkylene phosphonic acid scale inhibitor compositions. 4,540,508, 9-10-85, Cl. 252-180.000.

Wilson, David A.: *See—*
  Crump, Druce K.; Simon, Jaime; and Wilson, David A., 4,500,356, Cl. 106-90.000.
  Crump, Druce K.; and Wilson, David A., 4,518,777, Cl. 544-337.000.
  Simon, Jaime; Crump, Druce K.; and Wilson, David A., 4,500,469, Cl. 260-502.50E.
  Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., 4,508,704, Cl. 424-14.000.
  Simon, Jaime; Wilson, David A.; and Volkert, Wynn A., 4,515,767, Cl. 424-1.100.
  Simon, Jaime; Wilson, David A.; Volkert, Wynn A.; and Crump, Druce K., 4,560,548, Cl. 424-1.100.

Wilson, David H.; and Loe, James M., to K-Tron International, Inc. Apparatus and method for improving the accuracy of a loss-in-weight feeding system. 4,524,886, 6-25-85, Cl. 222-58.000.

Wilson, David J., to Matthews and Yates Limited. Material discharge unit. 4,540,421, 9-10-85, Cl. 55-432.000.

Wilson, David S.: *See—*
  Hannett, William J.; and Wilson, David S., 4,505,650, Cl. 417-426.000.

Wilson, Dayton H., to LTV Aerospace and Defense Company. Multiplexed multiplex bus. 4,554,657, 11-19-85, Cl. 370-85.000.

Wilson, Dennis: *See—*
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Wilson, Donald R., to Plantronics, Inc. Voice communication instrument system with line-powered receiver conditioning circuit. 4,536,888, 8-20-85, Cl. 381-106.000.
Wilson, Donald R.: *See—*
  Hall, Henry K.; and Wilson, Donald R., 4,526,949, Cl. 526-268.000.
  Hall, Henry K.; and Wilson, Donald R., 4,529,786, Cl. 526-268.000.
Wilson, Douglas, to British Petroleum Company p.l.c., The. Epoxy resin compositions. 4,528,342, 7-9-85, Cl. 525-463.000.
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  Frankel, Milton B.; and Wilson, Edgar R., 4,499,723, Cl. 60-211.000.
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Wilson, Fillmore G. Transportation system. 4,503,778, 3-12-85, Cl. 104-28.000.
Wilson, Francis D.: *See—*
  Streatfield, Roy; and Wilson, Francis D., 4,505,302, Cl. 138-97.000.
Wilson, Frank, to Sterling Drug Inc. Child proof safety closure combination of the turn and lift plug type. 4,506,794, 3-26-85, Cl. 215-206.000.
Wilson, Frank, to Chloride, Inc. Method of suppressing lead dust. 4,551,401, 11-5-85, Cl. 429-122.000.
Wilson, Frank G.; and Patton, William A., to Kendo Products Co., Inc. Scrubber mop. 4,491,998, 1-8-85, Cl. 15-119.00A.
Wilson, Frederick D. Self-adjusting ladder. 4,497,390, 2-5-85, Cl. 182-202.000.
Wilson, Frederick G. Trailer for an articulated vehicle. 4,546,969, 10-15-85, Cl. 296-181.000.
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Wilson, H. James, to Safetran Systems Corporation. Impedance bond. 4,509,024, 4-2-85, Cl. 333-24.00R.
Wilson, Harold C. S.: *See—*
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Wilson, Harold W.; and Wetterhorn, Richard H., to Dresser Industries, Inc. Bourdon tube construction. 4,542,654, 9-24-85, Cl. 73-741.000.
Wilson, Herbert C.; and Sankaran, Perumalagaram S., to Dresser Industries, Inc. Arm release system for well logging apparatus. 4,523,640, 6-18-85, Cl. 166-64.000.
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  Gutierrez, William A.; and Wilson, Herbert L., 4,498,225, Cl. 29-572.000.
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  Wirth, Robert L.; and Wilson, Hillis L., 4,548,521, Cl. 400-124.000.
Wilson, Howard R.: *See—*
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Wilson Industries, Inc.: *See—*
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  Sharp, Harper E.; Spiegel, Leo; Masters, Richard M.; Frey, Elmer J.; Howatt, John R.; and Walker, Gary E., 4,537,067, Cl. 73-151.000.
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  Wilcox, Ernest W.; and Wilson, Jack W., Jr., 4,500,098, Cl. 277-170.000.
Wilson, James; and McCaffrey, David J. A., to Coal Industry (Patents) Limited. Regenerating sorbents. 4,562,165, 12-31-85, Cl. 502-33.000.
Wilson, James D. Nestable/stackable basket/tray combination for use in bakery goods distribution systems. 4,519,503, 5-28-85, Cl. 206-505.000.
Wilson, James D. Nestable/stackable containers for bakery goods and the like. 4,520,928, 6-4-85, Cl. 206-505.000.
Wilson, James D.; and Miles, Malcolm G., to Monsanto Company. Subvalent halide compounds tetraselenofulvalene and tetrathiofulvalene subvalent halides. 4,530,789, 7-23-85, Cl. 260-239.00R.
Wilson, James D.: *See—*
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  Ellingson, David I.; and Wilson, James D., 4,510,777, Cl. 68-12.00R.
Wilson, James G., II; and Hammers, P. Fred, to Wilson Welding Company, Inc. Method of repairing a water-cooled electrode holder. 4,490,898, 1-1-85, Cl. 29-402.130.
Wilson, James M., to Ferro Corporation. Temperature stable monolithic capacitors and ceramic compositions for producing same. 4,500,942, 2-19-85, Cl. 361-320.000.
Wilson, James R., to Equitable Bag Co., Inc. Bag construction. 4,493,110, 1-8-85, Cl. 383-27.000.
Wilson, James S.: *See—*
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  DeMarinis, Robert M.; Hieble, Jacob P.; Kaiser, Carl; and Wilson, James W., 4,507,320, Cl. 514-605.000.
Wilson, Jay R. Trolling motor foot control. 4,515,567, 5-7-85, Cl. 440-7.000.
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Wilson, Joe C.; Hirozawa, Stanley T.; and Conville, John J., to BASF Wyandotte Corporation. Aqueous liquids containing metal cavitation-erosion corrosion inhibitors. 4,548,787, 10-22-85, Cl. 422-15.000.
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Wilson, John C.; DeMejo, Lawrence P.; Jadwin, Thomas A.; and Merrill, Stewart H., to Eastman Kodak Company. Two-component dry electrostatic developer composition containing onium charge control agent. 4,496,643, 1-29-85, Cl. 430-110.000.
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Wilson, John R.: *See—*
  Smith, Richard R.; and Wilson, John R., 4,551,368, Cl. 428-35.000.
Wilson, John S., to Wilson Manufacturing Company. Die cutting apparatus. 4,517,873, 5-21-85, Cl. 83-881.000.
Wilson, Keith B., to Air Products and Chemicals, Inc. Sieve type distillation tray with curved baffles. 4,556,522, 12-3-85, Cl. 261-114.00R.
Wilson, Kenneth E.: *See—*
  Zimmerman, Sheldon B.; Wilson, Kenneth E.; Monaghan, Richard L.; Del Val, Sagrario M.; Fernandez, Maria I. M.; Hensens, Otto D.; Flor, James E.; and Deriso, Cheryl, 4,545,991, Cl. 514-100.000.
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Wilson, Lance K., to Deere & Company. Method for detecting the presence of a chromate coating on aluminum. 4,546,087, 10-8-85, Cl. 436-5.000.
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  Tomalia, Donald A.; and Wilson, Larry R., 4,517,122, Cl. 260-239.30R.
Wilson, Leslie B., to Dayco Corporation. Belt tensioner and method of making the same. 4,525,153, 6-25-85, Cl. 474-138.000.
Wilson, Leslie B., to Dayco Corporation. Method of making a belt tensioner. 4,557,032, 12-10-85, Cl. 29-434.000.
Wilson, Leslie B.: *See—*
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Wilson, Lionel A., to Xerox Corporation. Bottom sheet separator-feeder. 4,560,158, 12-24-85, Cl. 271-165.000.
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Wilson, Louis D.; and Jones, Patrick M., to Drive Line Service, Inc. Device for retaining a tool in either a stationary or movable position. 4,532,804, 8-6-85, Cl. 73-478.000.
Wilson, Louis D.; and Jones, Patrick, to Drive Line Service, Inc. Balance work support and chuck. 4,545,247, 10-8-85, Cl. 73-473.000.
Wilson Manufacturing Company: *See—*
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Wilson, Mark E. Building block and construction system. 4,510,725, 4-16-85, Cl. 52-309.100.
Wilson, Marlin G.: *See—*
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Wilson, Max K.: *See—*
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  Kiersarsky, Albert S.; Sauer, Earl S.; Vesperman, William C.; and Wilson, Max K., 4,541,980, Cl. 264-174.000.
  Vesperman, William C.; and Wilson, Max K., 4,541,208, Cl. 52-19.000.
Wilson, Michael E.; Olson, David R.; Stone, Walter H.; and MacDonald, Robin B., to Racor Industries, Inc. Filter assembly. 4,502,956, 3-5-85, Cl. 210-248.000.
Wilson, Michael S. Stripping assembly for noodle cutting machinery. 4,534,251, 8-13-85, Cl. 83-111.000.
Wilson, Mildred N.; Danielson, Robert L.; Bosco, Peter M.; and Steensen, Wayne L., to Nabisco Brands, Inc. Dry mix for preparation of pie and pastry fillings. 4,518,622, 5-21-85, Cl. 426-578.000.
Wilson, Neill R. Self-adjusting locking wrench. 4,499,797, 2-19-85, Cl. 81-367.000.
Wilson, Neill R.; and Wilson, Susan E. Evaporator and method of operation. 4,513,577, 4-30-85, Cl. 62-91.000.
Wilson, Norman. Deciphering apparatus. 4,507,088, 3-26-85, Cl. 434-112.000.
Wilson, Norman H. Lock arrangement. 4,513,593, 4-30-85, Cl. 70-114.000.
Wilson, Patricia A.: *See—*
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Wilson, Peter G., to Baker Perkins Holdings PLC. Form-fill-seal wrapping apparatus. 4,549,386, 10-29-85, Cl. 53-51.000.
Wilson, Peter H., to Black & Decker Inc. Guard for hot air gun. 4,551,615, 11-5-85, Cl. 219-373.000.

- Wilson, Peter K., to Broken Hill Proprietary Company Limited, The. Rail anchoring clip and associated sleeper. 4,511,081, 4-16-85, Cl. 238-59.000.
- Wilson, Randall J.; and Wilson, Bruce C., to Power Pry Corporation. Emergency rescue apparatus. 4,522,054, 6-11-85, Cl. 72-392.000.
- Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., to International Flavors & Fragrances Inc. 2-Methoxy-4-(2-methylpropenyl) phenyl ester of isobutyric acid, and use in augmenting or enhancing aroma of perfume compositions, colognes and perfumed articles. 4,512,919, 4-23-85, Cl. 252-522.00R.
- Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., to International Flavors & Fragrances Inc. 2-Methoxy-4-(2-methylpropenyl) phenyl ester of isobutyric acid, flavor use thereof and process for preparing same. 4,533,746, 8-6-85, Cl. 560-144.000.
- Wilson, Richard A.; Mookherjee, Braja D.; Zampino, Michael J.; Vock, Manfred H.; and Miller, Kevin P., to International Flavors & Fragrances Inc. Food flavoring use of hexynyl alkanoates. 4,539,209, 9-3-85, Cl. 426-3.000.
- Wilson, Richard A.: *See—*
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  - Buckholz, Lawrence, Jr.; Wilson, Richard A.; and Kleinberg, Roger, 4,514,431, Cl. 426-641.000.
  - Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,499,114, Cl. 426-534.000.
  - Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,526,798, Cl. 426-534.000.
  - Mookherjee, Braja D.; Chant, Bernard J.; Evers, William J.; Wilson, Richard A.; Zampino, Michael J.; and Vock, Manfred H., 4,536,583, Cl. 549-1.000.
- Wilson, Richard C., to Tie Down Engineering, Inc. Rake attachment. 4,514,970, 5-7-85, Cl. 56-400.120.
- Wilson, Richard C.: *See—*
  - Culpepper, Bertram C., Jr.; and Wilson, Richard C., 4,506,486, Cl. 52-529.000.
- Wilson, Richard K.: *See—*
  - Brown, Richard A.; and Wilson, Richard K., 4,502,714, Cl. 285-47.000.
- Wilson, Richard L., to American Standard Inc. Vigilance safety control system. 4,525,011, 6-25-85, Cl. 303-19.000.
- Wilson, Robert, to Atlantic Richfield Company. Method of producing a stratified viscous oil reservoir. 4,552,216, 11-12-85, Cl. 166-261.000.
- Wilson, Robert B., to Crucible Chemical Company. Waterless dye composition and method of use thereof for coloring thermoplastic materials. 4,529,405, 7-16-85, Cl. 8-583.000.
- Wilson, Robert B., Jr.; and Laine, Richard M., to Air Products and Chemicals, Inc. Oligomerization of alkyl groups on amines. 4,562,291, 12-31-85, Cl. 564-463.000.
- Wilson, Robert C., Jr.: *See—*
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  - Oleck, Stephen M.; and Wilson, Robert C., Jr., 4,508,615, Cl. 208-89.000.
  - Oleck, Stephen M.; and Wilson, Robert C., Jr., 4,510,043, Cl. 208-97.000.
  - Oleck, Stephen M.; and Wilson, Robert C., Jr., 4,510,044, Cl. 208-111.000.
- Wilson, Robert E.; and Bock, Gustavus P., to General Motors Corporation. Idle speed control device for internal combustion engine. 4,539,955, 9-10-85, Cl. 123-339.000.
- Wilson, Robert G.: *See—*
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- Wilson, Robert H.; and Wilson, Andrew J., to James Hamilton & Sons (Engineering) Ltd. Filling machines. 4,552,190, 11-12-85, Cl. 141-82.000.
- Wilson, Robert K., to Allied Corporation. Noise reduction coupling device for an electric motor pump. 4,540,382, 9-10-85, Cl. 464-73.000.
- Wilson, Robert R.; and Falconer, Roy D., to James Howden & Company Limited. Pulverizing apparatus. 4,553,704, 11-19-85, Cl. 241-39.000.
- Wilson, Robert W.: *See—*
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- Wilson, Roland B. Ice block making and storage system. 4,498,595, 2-12-85, Cl. 211-194.000.
- Wilson, Ronald: *See—*
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- Wilson, Ronald H.: *See—*
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- Wilson, Ross E., to Morette's Limited. Elevator chair. 4,538,854, 9-3-85, Cl. 297-345.000.
- Wilson Sales Company, Inc.: *See—*
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- Wilson Sporting Goods Co.: *See—*
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  - Howard, John R.; and Machacek, Bob, 4,541,126, Cl. 2-19.000.
  - Martin, Robin A., 4,513,058, Cl. 428-336.000.
  - Masghati, Mohammad, 4,555,112, Cl. 273-77.00A.
- Wilson, Stanley, to Advanced Micro Devices, Inc. High-speed schottky TTL gate apparatus. 4,521,699, 6-4-85, Cl. 307-456.000.
- Wilson, Stanley E., to Shell Oil Company. Catalytic isomerization of tertiary olefins. 4,544,780, 10-1-85, Cl. 585-377.000.
- Wilson, Stanley E.: *See—*
  - Edwards, Charles L.; and Wilson, Stanley E., 4,496,776, Cl. 568-827.000.
- Wilson, Stephen R.; Orme-Johnson, W.; and Nagahisa, A., to University Patents, Inc. Silicon and sulfur steroids as irreversible inhibitors of hormone biosynthesis. 4,560,557, 12-24-85, Cl. 514-178.000.
- Wilson, Stephen S.: *See—*
  - Holsztynski, Wlodzimierz; and Wilson, Stephen S., 4,524,455, Cl. 382-41.000.
- Wilson, Susan E.: *See—*
  - Wilson, Neill R.; and Wilson, Susan E., 4,513,577, Cl. 62-91.000.
- Wilson, Thomas D.: *See—*
  - Schlesinger, Sheldon I.; Cerenzia, Walter S.; and Wilson, Thomas D., 4,514,354, Cl. 264-324.000.
- Wilson, Thomas G., Jr.: *See—*
  - Pilukaitis, Raymond W.; and Wilson, Thomas G., Jr., 4,504,898, Cl. 363-49.000.
- Wilson Tool Company: *See—*
  - Shuttleworth, Edwin T., 4,516,450, Cl. 83-146.000.
- Wilson, Verne H.: *See—*
  - Arguello, Leonard E.; Blaser, Lawrence M.; and Wilson, Verne H., 4,538,585, Cl. 123-609.000.
- Wilson, W. Donald: *See—*
  - Tateosian, Louis H.; and Wilson, W. Donald, 4,551,486, Cl. 523-212.000.
- Wilson, Warren. Apparatus for making funnel cakes using a deep fryer. 4,542,685, 9-24-85, Cl. 99-413.000.
- Wilson Welding Company, Inc.: *See—*
  - Wilson, James G., II; and Hammers, P. Fred, 4,490,898, Cl. 29-402.130.
- Wilson, Wilfred W.; and Schlanger, Albert. Door securer. 4,560,192, 12-24-85, Cl. 292-339.000.
- Wilson, Wilfred W.: *See—*
  - Wilson, David A.; and Wilson, Wilfred W., 4,493,771, Cl. 210-700.000.
- Wilson, William A. Side kick solids separator. 4,541,532, 9-17-85, Cl. 209-651.000.
- Wilson, William C.; and Green, Michael H., to Eastman Kodak Company. Apparatus and method for offsetting and delaying delivery of sheets in an adhesive binder. 4,511,297, 4-16-85, Cl. 412-8.000.
- Wilson, William G.: *See—*
  - Kay, D. Alan R.; and Wilson, William G., 4,507,149, Cl. 75-58.000.
- Wilson, William G. J.: *See—*
  - Brown, Christopher R.; Corrie, John D.; and Wilson, William G. J., 4,517,673, Cl. 371-36.000.
- Wilson, William J. Polygraphic encryption-decryption system. 4,520,232, 5-28-85, Cl. 178-22.050.
- Wilson, William L.: *See—*
  - VanBreemen, Bertram; Wilson, William L.; Roberts, Duane L.; and Branton, Tom W., 4,556,913, Cl. 358-237.000.
- Wilson, William P.; Hewlett, Catherine M.; and Rieben, Werner P., to General Electric Company. Customization window for a computer numerical control system. 4,513,379, 4-23-85, Cl. 364-474.000.
- Wilstrup, Jan B.: *See—*
  - Petrich, Dennis M.; and Wilstrup, Jan B., 4,527,126, Cl. 328-155.000.
- Wilt, Chester F., Jr., to St. Joseph's Hospital and Medical Center. Apparatus for facilitating intravenous feeding during transportation of patient. 4,511,157, 4-16-85, Cl. 280-289.0WC.
- Wilt, Henry E.; and Murray, Larry N., to Fabralloy, Inc. Liquid distribution device. 4,511,088, 4-16-85, Cl. 239-455.000.
- Wilt, Mason S.; and Dietz, Richard E., to Phillips Petroleum Company. Creation and maintenance of the bed of a particle form evaporator. 4,532,272, 7-30-85, Cl. 523-330.000.
- Wiltermood, Larry C.; Barich, David J.; and Siedow, Fred G., to Westinghouse Electric Corp. Mapping system for an internal cylindrical surface. 4,521,968, 6-11-85, Cl. 33-178.00E.
- Wilton Corporation: *See—*
  - Cox, Edward A., 4,534,547, Cl. 269-182.000.
- Wiltron Company: *See—*
  - Wever, Ruben; Allred, Lorin D.; and Ruiz, Marco A., 4,525,605, Cl. 179-175.20R.
- Wiltshire, Anthony R.: *See—*
  - Marlow, Christopher I.; Wiltshire, Anthony R.; and Hulme, Ivan E., 4,541,886, Cl. 156-230.000.
- Wilverly Mansions I.B.V.: *See—*
  - Gelbard, Edward, 4,537,330, Cl. 221-26.000.
- Wilwerding, Dennis J.; and Adams, James R., Jr., to Honeywell Inc. Detector mismatch correction apparatus. 4,508,963, 4-2-85, Cl. 250-201.000.
- Wimbush, Fred, to 122923 Canada Limited. Distress radiolocation method and system. 4,494,119, 1-15-85, Cl. 343-457.000.
- Wimbush, Maurice J., to Automotive Products plc. Reservoirs for liquid pressure control systems and a method of filling the same. 4,503,678, 3-12-85, Cl. 60-584.000.
- Wimbush, Maurice J., to Automotive Products plc. Reservoirs for liquid pressure control systems. 4,506,507, 3-26-85, Cl. 60-584.000.
- Wimer, Oley D.: *See—*
  - Utts, Bradley K.; and Wimer, Oley D., 4,533,489, Cl. 252-301.170.
- Wimmer, Guenther W., to Tektronix, Inc. Low voltage transformer coupled ink jet driver. 4,560,998, 12-24-85, Cl. 346-140.00R.
- Wimmer, Warren K.: *See—*
  - Lamb, James S.; and Wimmer, Warren K., 4,513,417, Cl. 371-12.000.

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Win, Michael M., to Mobil Oil Corporation. Block and stringer type lift truck pallet. 4,509,432, 4-9-85, Cl. 108-51.100.
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Wincent, Karl T., to Litton Systems, Inc. High speed printer assembly. 4,494,887, 1-22-85, Cl. 400-568.000.
Wincent, Karl T., to Litton Systems, Inc. Paper tape feed and drive mechanism. 4,507,003, 3-26-85, Cl. 400-636.000.
Winchel, Joseph F. Portable platform for slide projection. 4,546,942, 10-15-85, Cl. 248-187.000.
Winchell, David A.; and Fowles, Thomas A., to Baxter Travenol Laboratories, Inc. Method of blowmolding a container having an integral inner dispensing outlet. 4,539,172, 9-3-85, Cl. 264-515.000.
Winchell, David A.: *See—*
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Winchell, David F., to AT&T Bell Laboratories. Method and apparatus for adding conferees to a conference. 4,550,224, 10-29-85, Cl. 179-18.0BC.
Winchell, David F.: *See—*
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Levy, Jacqueline S.; Medhekar, Ranjana A.; and Winchell, David F., 4,529,842, Cl. 179-18.0BC.
Winchell, Jack W., to Huggitt Packaging Company. Backing board insert for food packages. 4,552,789, 11-12-85, Cl. 428-132.000.
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Wincn, John M.; and Laurent, Thierry M., to Advanced Micro Devices, Inc. Sampling comparator circuit for processing a differential input. 4,542,308, 9-17-85, Cl. 307-494.000.
Wincze, Steven P.; and Rickard, Earl K., to Combustion Engineering, Inc. Seal for boiler water wall. 4,510,892, 4-16-85, Cl. 122-510.000.
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Windall, Owen D. Practice golf net device. 4,511,146, 4-16-85, Cl. 273-181.00J.
Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., to UOP Inc. Catalyst systems for the conversion of gases. 4,503,162, 3-5-85, Cl. 502-174.000.
Windawi, Hassan; Grieger, Gene R.; and Oakdale, Warren R., to UOP Inc. Conversion of gases to useable products. 4,521,394, 6-4-85, Cl. 423-363.000.
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Stockburger, Hermann; and Winderlich, Hans-Georg, 4,518,852, Cl. 235-381.000.
Stockburger, Hermann; Winderlich, Hans-Georg; Bauer, Siegfried; and Adamovic, Zeljko H., 4,533,237, Cl. 355-40.000.
Stockburger, Hermann; and Winderlich, Hans-Georg, 4,535,418, Cl. 364-900.000.
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Windischbauer, Florian. Apparatus for the constrained actuation of the clamping system of filling-yarn insertion devices in shuttleless weaving machines. 4,515,185, 5-7-85, Cl. 139-446.000.
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Windish, Willis E., to Caterpillar Tractor Co. Planetary transmission. 4,531,428, 7-30-85, Cl. 74-765.000.
Windish, Willis E.; and Schneider, Marvin L., to Caterpillar Tractor Co. Annular multi-piston brake apparatus. 4,560,034, 12-24-85, Cl. 188-72.300.
Windish, Willis E.: *See—*
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Decker, Werner, 4,557,712, Cl. 493-11.000.
Eckelt, Ulrich; and Winnemoller, Alois, 4,493,686, Cl. 493-256.000.
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Reinhold, Klaus, 4,492,563, Cl. 431-264.000.
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Tetenborg, Konrad; and Eschmann, Heinz, 4,537,013, Cl. 53-570.000.
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Windorski, David C.; and Kubiatowicz, David O., to Minnesota Mining and Manufacturing Company. Shielding device for radioactive seed. 4,509,506, 4-9-85, Cl. 128-1.200.
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Windsor, Harry M.; and Mallion, Andrew J., to Automotive Products Limited. Clutch control system. 4,497,397, 2-5-85, Cl. 192-0.076.
Windsor, Harry M., to Automotive Products Limited. Clutch control means. 4,518,064, 5-21-85, Cl. 192-3.580.
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O'Boyle, Matthew, 4,544,329, Cl. 417-53.000.
Wine, Charles M., to RCA Corporation. Analog signal comparator using digital circuitry. 4,503,465, 3-5-85, Cl. 358-195.100.
Wine, Charles M., to RCA Corporation. Frequency synthesis tuning control system for a double-conversion tuner. 4,521,916, 6-4-85, Cl. 455-182.000.
Wine, Charles M., to RCA Corporation. Teletext set-top converter with transparent mode. 4,532,540, 7-30-85, Cl. 358-12.000.
Wine, Charles M., to RCA Corporation. Mechanically-actuated transparent touchbars and touchplates. 4,543,563, 9-24-85, Cl. 340-365.00S.
Wine, Charles M., to RCA Corporation. Apparatus for synchronizing a source of computer controlled video to another video source. 4,554,582, 11-19-85, Cl. 358-149.000.
Winegeart, Mitchell E. Oil well safety valve for use with drill pipe. 4,519,576, 5-28-85, Cl. 251-62.000.
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Winer, Gordon E., to Vermont Toy Works, Inc. Cube puzzle. 4,494,756, 1-22-85, Cl. 273-156.000.
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Winful, Herbert G.; and Cooperman, Gene D., to GTE Automatic Electric Laboratories Incorporated. Optical pulse generator. 4,497,535, 2-5-85, Cl. 350-96.120.
Wing, Harold R., to Little Giant Industries, Inc. Wall stand-off apparatus. 4,502,566, 3-5-85, Cl. 182-214.000.
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Kan, Frederick S. C.; Li, Kam Wing; and Lau, Kong P. P., 4,508,958, Cl. 219-369.000.
Wing, Thomas W. Linear motor massage apparatus. 4,549,535, 10-29-85, Cl. 128-55.000.

Wingard, Michael G.; and Peterson, John F. D., to BASF Wyandotte Corporation. Immiscible liquid collector and method of operation. 4,554,079, 11-19-85, Cl. 210-776.000.

Wingard, Robert E., Jr.: *See—*

Sheldon, Bernard G.; Wingard, Robert E., Jr.; Weinshenker, Ned M.; and Dawson, Daniel J., 4,532,128, Cl. 424-78.000.

Wingate, W. Jack, to Hennessy Products, Incorporated. Machine for vending articles such as newspapers, magazines and the like. 4,506,800, 3-26-85, Cl. 221-6.000.

Wingen, Peter P., to Dienes Werke fur Maschinenteile GmbH & Co. KG. Slitting mechanism having a removable blade. 4,561,335, 12-31-85, Cl. 83-481.000.

Winger, Irwin; and Friedopfer, Walter. Eyeglass retainer. 4,541,696, 9-17-85, Cl. 351-123.000.

Wingerd, Winston H.: *See—*

Merritt, Carleton G.; Wingerd, Winston H.; and Keller, David J., 4,515,769, Cl. 424-49.000.

Wingerden, Arie V. Apparatus for carrying plural plants to a watering station. 4,547,992, 10-22-85, Cl. 47-17.000.

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Wingerter, Franz, to Heinrich H. Klussendorf GmbH & Co. KG. Apparatus for storing flat and preferably circular objects. 4,559,958, 12-24-85, Cl. 133-4.00A.

Wingfield, Robert C., Jr.; Braslaw, Jacob; and Gealer, Roy L., to Ford Motor Company. Pyrolytic conversion of plastic and rubber waste to hydrocarbons with basic salt catalysts. 4,515,659, 5-7-85, Cl. 201-2.500.

Wingfield, William R., to Synthetic Breakwater. Method of and apparatus for making a synthetic breakwater. 4,539,078, 9-3-85, Cl. 204-1.00R.

Wingler, Frank, to Bayer Aktiengesellschaft. Hydrophilized cellulose esters, process for their preparation, their use as biomedical materials and contact lenses produced from these. 4,532,277, 7-30-85, Cl. 524-37.000.

Wingler, Frank; Waniczek, Helmut; and Geyer, Otto-Christian, to Bayer Aktiengesellschaft. Use of polymer alloys based on cellulose esters in contact ophthalmics, and contact lenses produced from the polymer alloys. 4,533,397, 8-6-85, Cl. 106-181.000.

Winiasz, Michael E., to Karg, James F. Apparatus for rotation of carriers for a strand supply bobbin. 4,535,673, 8-20-85, Cl. 87-29.000.

Winiasz, Michael E.: *See—*

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Bull, Jeffrey F.; and Winiasz, Michael E., 4,535,672, Cl. 87-29.000.

Bull, Jeffrey F.; Johnson, Harlan; Karg, James F.; and Winiasz, Michael E., 4,535,674, Cl. 87-29.000.

Bull, Jeffrey F.; Karg, Daniel W.; and Winiasz, Michael E., 4,535,675, Cl. 87-29.000.

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Fuchs, Gilbert; Crowley, Norman; and Wink, Randall, 4,530,729, Cl. 156-217.000.

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Winkel, Robert J.: *See—*

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Winkelbauer, Howard M.; Hill, Kenneth W.; and Wang, Ke-Chin, to Dresser Industries, Inc. Preparation and composition of sialon grain and powder. 4,500,644, 2-19-85, Cl. 501-98.000.

Winkelbauer, Howard M.; and Wang, Ke-Chin, to Dresser Industries, Inc. Fused silica shapes. 4,528,244, 7-9-85, Cl. 428-446.000.

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Winkelman, Jeffry; and Steinberg, Janee D. Hemostatic ellipse guide for cutting skin. 4,542,742, 9-24-85, Cl. 128-325.000.

Winkelman, Robert A.; and Nicholson, Roland E. Portable shelter. 4,526,391, 7-2-85, Cl. 280-12.00S.

Winkelmann, Detlef, to Hoechst Aktiengesellschaft. Electrophotographic copier. 4,512,658, 4-23-85, Cl. 355-14.0SH.

Winkelmann, Detlef; and Padberg, Peter, to Hoechst Aktiengesellschaft. Process for preparing a planographic printing plate. 4,533,611, 8-6-85, Cl. 430-49.000.

Winkelmann, Johannes: *See—*

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Winkens, Rudolf: *See—*

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Winkler, David S.; and Diamond, Jeffrey H., to J. H. Diamond Company. Dimer polymeric coating selectively strippable as cohesive film. 4,526,913, 7-2-85, Cl. 524-31.000.

Winkler, Dean M.; Curtis, Jeffrey B.; and Heller, Aaron J. Programmable function generator. 4,521,865, 6-4-85, Cl. 364-608.000.

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Winkler, Gert; Becker, Wilfried; and Zielinski, Erich, to Rheinmetall GmbH. Armor car-mounted mortar. 4,495,852, 1-29-85, Cl. 89-46.000.

Winkler, Hans-Henning: *See—*

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Winkler, Harald: *See—*

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Winkler, Harry L. D.C. Stepped-up voltage transformerless battery charger. 4,510,431, 4-9-85, Cl. 320-1.000.

Winkler, Hermann; and Sachs, Hanns I., to Bayer Aktiengesellschaft. Process and apparatus for bonding particulate material, in particular chips. 4,510,184, 4-9-85, Cl. 427-212.000.

Winkler, Jurgen: *See—*

Goyert, Wilhelm; and Winkler, Jurgen, 4,521,582, Cl. 528-67.000.

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Winkler, Otmar, to SKF Kugellagerfabriken GmbH. Constant speed joint assembly. 4,511,345, 4-16-85, Cl. 464-145.000.

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Winkler, Reinhard: *See—*

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Winkler, Robert, to Sulzer-Escher Wyss Ltd. Treatment of brine elutriate. 4,547,197, 10-15-85, Cl. 23-302.00T.

Winkless, Robert A.; and Kulesa, Edmund M., to Continental Can Company, Inc. Closure break-away tabs. 4,496,069, 1-29-85, Cl. 220-260.000.

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Winn, Bryan D. C., to Southwest Research Institute. Character spaced justification method and apparatus. 4,523,294, 6-11-85, Cl. 364-900.000.

Winn, Ray, to Advanced Semiconductor Products, Inc. Method of forming thin optical membranes. 4,536,240, 8-20-85, Cl. 156-74.000.

Winn, Richard W.: *See—*

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Winnale, James A.: *See—*

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Winnard, James R.: *See—*

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Winnek, Douglas F. Method and apparatus for making three-dimensional radiographs. 4,491,956, 1-1-85, Cl. 378-41.000.

Winnek, Douglas F. Method and apparatus for making true three-dimensional photographs from pseudo three-dimensional photographs. 4,557,590, 12-10-85, Cl. 355-22.000.

Winnemoller, Alois: *See—*

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Winner, Eduard. Apparatus for processing material. 4,553,922, 11-19-85, Cl. 425-381.200.

Winner, Peter P.: *See—*

Martino, Phillip C.; and Winner, Peter P., 4,503,173, Cl. 523-407.000.

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Winnik, Francoise M.; and Martin, Trevor I., to Xerox Corporation. Positively charged color toner compositions. 4,562,135, 12-31-85, Cl. 430-106.000.

Winogrocki, Ray F.; and DuRocher, Daniel J., to Essex Group, Inc. Lamp socket assembly for mounting on printed circuit board. 4,516,824, 5-14-85, Cl. 339-126.00R.

Winquist, Knut L., to Southwest Research Institute. Fuel injector. 4,546,924, 10-15-85, Cl. 239-533.400.

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Winschel, Richard E., deceased; Heil, Fred B.; and Seibel, Robert V., 4,504,217, Cl. 431-183.000.

Winschel, Richard E., deceased (by Winschel, Marie A., administratrix); Heil, Fred B.; and Seibel, Robert V., to Zurn Industries, Inc. Low excess air burner having a movable venturi. 4,504,217, 3-12-85, Cl. 431-183.000.

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Fulcomer, Emanuel J., Jr.; Nici, Richard J.; Poteat, Vance E.; Schramm, George W.; Sharp, John B.; and Winseck, Michael M., Jr., 4,512,016, Cl. 370-110.100.

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Winski, Dennis A., to Moore Special Tool Co., Inc. Jig grinder with automatic C-axis feedrate control. 4,547,996, 10-22-85, Cl. 51-165.710.

Winskill, Norman: *See*—
- Rhodes, Peter M.; and Winskill, Norman, 4,495,284, Cl. 435-148.000.

Winslow, Donald W.; and Wray, Gary Q., to Halliburton Company. Drill pipe tester - pressure balanced. 4,560,004, 12-24-85, Cl. 166-321.000.

Winslow, Earl S., Jr.: *See*—
- Jalil, Asjed A.; Winslow, Earl S., Jr.; and Gage, Charles H., 4,546,957, Cl. 266-106.000.

Winslow, John M.: *See*—
- Gatzke, Kenneth G.; and Winslow, John M., 4,515,885, Cl. 430-175.000.

Winslow, John S., to Optical Disc Corporation. Optical disc air separation method and device. 4,539,673, 9-3-85, Cl. 369-284.000.

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- Manheimer, Wallace M.; and Winsor, Niels K., 4,548,782, Cl. 376-127.000.

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- Dudgeon, Charles D.; and Winstead, Maynard R., 4,493,912, Cl. 523-137.000.

Winstead, Thomas W., to Maryland Cup Corporation. Drink-through container lid with removable drink-through section. 4,518,096, 5-21-85, Cl. 220-268.000.

Winston Adolph A., to Alberta Gas Chemicals, Incorporated. Artificially sweetened beverage mixes and process therefor. 4,497,835, 2-5-85, Cl. 426-72.000.

Winston, Anthony; Ansaldi, Anthony; and Usen, Norman, to Church & Dwight Co., Inc. Sodium-bicarbonate-containing tooth powder. 4,547,362, 10-15-85, Cl. 424-49.000.

Winston, Emanuel A. Apparatus for eliminating moisture. 4,490,952, 1-1-85, Cl. 52-199.000.

Winston, Jeffery M. Graphic staging device. 4,545,140, 10-8-85, Cl. 40-10.00D.

Winston Products Co.: *See*—
- Davis, Jack L., 4,502,374, Cl. 99-349.000.

Winston, Scott, to Hercules Incorporated. High density pressure resistant invert blasting emulsions. 4,555,276, 11-26-85, Cl. 149-6.000.

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Winter, David C., to Deere & Company. Bearing surface for thinwalled tube. 4,494,883, 1-22-85, Cl. 384-439.000.

Winter, David F.; and Dick, William K., to ITT Corporation. Electronic grounding system for electrical distribution systems. 4,551,633, 11-5-85, Cl. 307-147.000.

Winter, Hans: *See*—
- Hentachel, Karl-Heinz; Dhein, Rolf; Winter, Hans; and Vojacek, Herbert, 4,499,000, Cl. 252-73.000.

Winter, Heinz W.: *See*—
- Haymore, Ralph B.; and Winter, Heinz W., 4,515,694, Cl. 210-531.000.

Winter, Hermann: *See*—
- Bader, Leonhard; Hermann, Ferdinand; Ruprich, Wilhelm; and Winter, Hermann, 4,493,137, Cl. 29-25.350.
- Hammer, Klaus-Dieter; and Winter, Hermann, 4,529,634, Cl. 428-36.000.
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- Gullotti, Damian V.; Winter, Joseph; Young, Kenneth P.; and Evans, Robert D., 4,524,820, Cl. 164-476.000.
- Pryor, Michael J.; Winter, Joseph; and Dantzig, Jonathan A., 4,494,461, Cl. 102-464.000.
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Winter, Roland A. E.: *See*—
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- Dexter, Martin; and Winter, Roland A. E., 4,496,757, Cl. 560-82.000.
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- Ashman, Glynn; Berry, Kelvin T.; and Winterbottom, Martin E., 4,524,677, Cl. 92-168.000.

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- Frater, Georg; Suchy, Milos; Wenger, Jean; and Winternitz, Paul, 4,526,609, Cl. 71-118.000.
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- Luthy, Christoph; and Winternitz, Paul, 4,514,566, Cl. 544-56.000.

Winters, Bobby J. Livestock marker. 4,541,402, 9-17-85, Cl. 124-27.000.

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- Winther, Harry C., 4,512,278, Cl. 116-34.00R.

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Winthrop, Michael F. In circuit modification device for dual in line packaged components. 4,516,816, 5 14-85, Cl. 339-17.0CF.

Wintrell, Reginald; and Anderson, Vaughn R., to Dual Fuels Associates Corporation. Fuel and air mixing apparatus. 4,497,304, 2-5-85, Cl. 123-527.000.

Wintzheimer, Engelbert: *See*—
- Altenhofer, Herbert; Wintzheimer, Engelbert; and Neuhauser, Gerhard, 4,504,533, Cl. 428-70.000.

Winyall, Milton E., to W. R. Grace & Co. Particulate dialytic silica. 4,508,607, 4-2-85, Cl. 204-180.00P.

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Winzenburg, Mark L.: *See—*
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Winzer, Gerhard, to Siemens Aktiengesellschaft. Coupling element for coupling light into and out of an optical fiber. 4,540,237, 9-10-85, Cl. 350-96.150.
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Wion, Donald A.: *See—*
  Brown, Christopher K.; Kensinger, Lex D.; Over, William R.; and Wion, Donald A., 4,499,648, Cl. 29-564.200.
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Wirfelt, Sven A. O., to Sandvik Aktiebolag. Means for actuating the throttle of a pivotably mounted chain saw. 4,538,494, 9-3-85, Cl. 83-796.000.
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Wirth, Ricky C.: *See—*
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Wirth, Robert L.; and Wilson, Hillis L., to NCR Corporation. Dot matrix print head. 4,548,521, 10-22-85, Cl. 400-124.000.
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Wise, Daniel J.; and Woodhall, Donna M., to Ex-Cell-O Corporation. Laminated paperboard container with absorption resistance means, and blank for constructing same. 4,537,815, 8-27-85, Cl. 428-219.000.
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Wiseman, John A., to Simplimatic Engineering Co. Case opening apparatus. 4,543,767, 10-1-85, Cl. 53-76.000.

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Wisler, Benjamin B., Jr.: *See—*

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Wissbrun, Kurt F.; and Orwoll, Richard D., to Celanese Corporation. Method for the formation of composite articles comprised of thermotropic liquid crystalline polymers and articles produced thereby. 4,540,737, 9-10-85, Cl. 524-599.000.

Wisser, Edward F.: *See—*

Cohen, Samuel; and Wisser, Edward F., 4,496,261, Cl. 403-320.000.

Wisser, Gerhard. Rotor or guide wheel of a turbine engine with shroud ring. 4,534,701, 8-13-85, Cl. 415-168.000.

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Budich, Wolfgang; Gasper, Bertram; Kurth, Josef; Scharf, Karl-Gunter; and Wissinger, Waldemar, 4,514,449, Cl. 428-76.000.

Titz, Siegfried; Langel, Matthias; Wissinger, Waldemar; and Kurth, Josef, 4,504,210, Cl. 425-461.000.

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Fricke, Reinhard L.; Hinze, Klaus; Huth, Manfred K. O.; and Wisskirchen, Klaus B., 4,514,609, Cl. 200-159.00A.

Wissler, Josef H., to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Process for producing and obtaining anaphylatoxin- and cocytotaxin-containing leucotaxine preparations and of anaphylatoxin and cocytotaxin proteins in molecularly homogeneous, biologically active form. 4,495,096, 1-22-85, Cl. 260-112.00B.

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Ricciardi, Robert P.; Barbanti-Brodano, Giuseppe; and Milanesi, Gabriele, 4,562,155, Cl. 435-172.300.

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Longley, Kermit D., 4,499,028, Cl. 260-513.00R.

Longley, Kermit D.; and Karalis, Anastasios, 4,540,807, Cl. 560-151.000.

Muir, Ron; and Blokhuis, William, 4,560,489, Cl. 252-33.400.

Nance, Weldon B.; and Calkins, Jack M., 4,517,100, Cl. 252-8.50C.

Root, Jon C.; Barnes, John F.; and Coovert, Jack E., 4,514,312, Cl. 252-32.500.

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Withers, Howard P.; and Sofranko, John A., to Atlantic Richfield Company. Methane conversion. 4,544,785, 10-1-85, Cl. 585-500.000.

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Rutherford, Howard J.; and Withycombe, Donald A., 4,521,541, Cl. 521-79.000.
Rutherford, Howard J.; and Withycombe, Donald A., 4,542,162, Cl. 521-79.000.
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Witkowski, Andrew B.: *See—*
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Hammersand, Fred G.; and Witkowski, Anthony J., 4,506,822, Cl. 228-200.000.
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Witkowski, William. Plastic baseball bat and method of making the same. 4,541,629, 9-17-85, Cl. 273-72.00R.
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Witman, Mark W., to Mobay Chemical Corporation. Polycarbonate compositions having a high impact strength and melt flow rate. 4,515,921, 5-7-85, Cl. 525-67.000.
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Price, Ronald L.; Witman, Mark W.; and Krishnan, Sivaram, 4,535,143, Cl. 528-174.000.
Schmidt, Manfred; Witman, Mark W.; Reinert, Gerard E.; and Lim, In C., 4,500,653, Cl. 521-90.000.
Witmore, Ronald K.; and Zelenski, Jerome J., to AT&T Bell Laboratories. Maintenance of stored program controlled switching systems. 4,493,073, 1-8-85, Cl. 370-14.000.
Witonsky, Robert J.; and Larsson, Raymond P., to Info-Chem Inc. Glutaraldehyde indicator. 4,521,376, 6-4-85, Cl. 422-56.000.
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Witt, Henry J., to FMC Corporation. Toiletry formulations comprising low molecular weight carrageenan. 4,543,250, 9-24-85, Cl. 424-70.000.
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Witt, Ronald A., to Falk Corporation, The. Overload protection mechanism for clutches. 4,552,257, 11-12-85, Cl. 192-56.00F.
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Witte, Arnold C., Jr.: *See—*
Pehler, Rebecca C. C.; Whiteman, James R.; and Witte, Arnold C., Jr., 4,536,308, Cl. 252-32.70E.
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Witte, Klaus J.; Fill, Ernst; and Scrlac, Walter, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Method and apparatus for the production of pre-pulse-free, smooth laser radiation pulses of variable pulse duration. 4,514,848, 4-30-85, Cl. 372-25.000.
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Wittekind, Warren D.: *See—*
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- Wittkower, Andrew B.: *See—*
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- Wittle, John K.: *See—*
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- Wittman, Brian A.: *See—*
  - Davis, Paul C.; Jackson, Raymond G.; Nahas, Joseph J.; Nelson, Dale H.; Ong, DeWitt G.; and Wittman, Brian A., 4,539,552, Cl. 340-347.0DA.
- Wittman, Frederick H. Convertible baby crib and playpen. 4,491,992, 1-8-85, Cl. 5-93.00R.
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- Wittmann, Otto: *See—*
  - Horacek, Heinrich; Wittmann, Otto; Marx, Matthias; and Mayer, Johann, 4,546,039, Cl. 428-357.000.
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  - Neidig, Arno; Berndt, Dietmar; Wahl, Georg; and Wittmer, Mark, 4,505,418, Cl. 228-122.000.
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- Witty, Craig D. Process and apparatus for creating traveling mattes. 4,537,481, 8-27-85, Cl. 352-89.000.
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- Witzel, Frank: *See—*
  - Morris, William M.; Witzel, Frank; Puglia, Wayne J.; Mackay, Donald A. M.; Clark, K. Warren; and Patanasinth, Kanit J., 4,533,543, Cl. 424-38.000.
- Witzenmann GmbH Metallschlauch-Fabrik Pforzheim: *See—*
  - Elsasser, Friedrich, 4,542,877, Cl. 248-561.000.
- Witzigman, Charles J.: *See—*
  - Owen, Timothy C.; and Witzigman, Charles J., 4,559,699, Cl. 29-602.00R.
- Witzke, Horst: *See—*
  - Deckman, Harry W.; Witzke, Horst; and Wronski, Christopher, 4,497,974, Cl. 136-259.000.
  - Deckman, Harry W.; Witzke, Horst; Wronski, Christopher; and Yablonovitch, Eli, 4,554,727, Cl. 29-572.000.
- Witzke, Kenneth: *See—*
  - Beery, John C.; and Witzke, Kenneth, 4,539,752, Cl. 33-18.00B.
- Wium, Eigil: *See—*
  - Gajajiva, Padej; and Wium, Eigil, 4,558,173, Cl. 174-86.000.
- Wivinis, Gerald P. Tool for removing automotive door panels. 4,520,564, 6-4-85, Cl. 30-168.000.
- Wix, Douglas R. Safety shield for drill press. 4,552,494, 11-12-85, Cl. 408-67.000.
- Wixon, Harold E., to Colgate-Palmolive Company. Fabric softening and fluffing detergent composition. 4,524,012, 6-18-85, Cl. 252-174.000.
- Wizer, Equipment, Inc.: *See—*
  - Laverick, William J.; and Kendall, George A., 4,541,338, Cl. 101-316.000.
- Wizner, Mark A.: *See—*
  - Sachdev, Krishna G.; Sachdev, Harbans S.; Aviram, Ari; and Wizner, Mark A., 4,525,722, Cl. 346-1.100.
- Wkossner, Felix, to Fichtel & Sachs AG. Shock absorber unit with temperature compensation. 4,560,041, 12-24-85, Cl. 188-278.000.
- WKR Limited: *See—*
  - Hillary, Brian, 4,493,517, Cl. 339-42.000.
- Wlasitsch, Gyula: *See—*
  - Schroer, Walter; and Wlasitsch, Gyula, 4,521,465, Cl. 428-35.000.
- Wloczyk, Uwe, to Lucas Industries Public Limited Company. Brake pressure regulator for an hydraulic vehicle braking system. 4,511,185, 4-16-85, Cl. 303-6.00C.
- Wlodarski, Antoine. Power-driven screwing tool for pressure vessel heads. 4,516,445, 5-14-85, Cl. 81-57.360.
- Wloszczyna, Donald R., to Denerik Creativity, Inc. Container closure integrity system. 4,502,605, 3-5-85, Cl. 215-230.000.
- Wnek, Gary E.: *See—*
  - Guiseppi-Elie, Anthony; and Wnek, Gary E., 4,499,007, Cl. 252-500.000.
- Wnuk, Andrew J.: *See—*
  - Johnson, Bruce A.; and Wnuk, Andrew J., 4,514,345, Cl. 264-22.000.
- Wnuk, Jack G., to Voplex Corporation. Method of making cushioned automotive strap handle. 4,525,231, 6-25-85, Cl. 156-185.000.
- Wnuk, Paul A.; Hamilton, Thomas J.; Trassare, Anthony, Jr.; and Oliver, Michael J., to Down River International, Inc. Suspended type cellular void filler. 4,516,891, 5-14-85, Cl. 410-154.000.
- Wnukiewicz, Stanley A., Jr.: *See—*
  - Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; and Gattiker, Anton, 4,518,240, Cl. 354-312.000.
  - Taylor, Charles E.; Wnukiewicz, Stanley A., Jr.; Krantz, Gary B.; and Malinowski, Dean S., 4,529,296, Cl. 355-21.000.
- Wocher, Bertold: *See—*
  - Abt, Jurgen; Handtmann, Dieter; Schwartz, Reinhard; and Wocher, Bertold, 4,546,648, Cl. 73-119.00A.
- Wochnowski, Waldemar; Hohm, Reinhard; Liebe, Reinhard; and Muss, Manfred, to Hauni-Werke Korber & Co. KG. Apparatus for expelling moisture from tobacco or the like. 4,513,759, 4-30-85, Cl. 131-303.000.
- WOCO Franz-Josef Wolf & Co.: *See—*
  - Wolf, Franz-Josef; and Pletsch, Hubert, 4,500,300, Cl. 464-83.000.
  - Wolf, Franz-Josef; Pletsch, Hubert; and Benneyan, Gregoire, 4,504,244, Cl. 464-83.000.
  - Wolf, Franz-Josef; and Pletsch, Hubert, 4,552,543, Cl. 464-83.000.
  - Wolf, Franz-Josef; and Pletsch, Hubert, 4,560,367, Cl. 464-83.000.
  - Wolf, Franz-Joseph; and Lauer, Hansjorg, 4,491,350, Cl. 285-236.000.
- Woda, Daniel G.: *See—*
  - Divilio, Franklin D.; and Woda, Daniel G., 4,547,344, Cl. 422-310.000.
- Woditsch, Peter; Abels, Martin; and Brazel, Berthold, to Bayer Aktiengesellschaft. Process for the production of silicon. 4,525,334, 6-25-85, Cl. 423-324.000.
- Woditsch, Peter: *See—*
  - Schwirtlich, Ingo; Woditsch, Peter; and Koch, Wolfgang, 4,561,930, Cl. 156-616.00R.
- Wodlinger, Harold; and Katz, Hart V. System for determining the first prematurity contact of dental occlusion. 4,521,186, 6-4-85, Cl. 433-71.000.
- Wodtke, Roy W.: *See—*
  - Bowman, Albert M.; and Wodtke, Roy W., 4,526,419, Cl. 297-153.000.
- Woebcke, Herman N.: *See—*
  - Bhojwani, Arju H.; and Woebcke, Herman N., 4,550,769, Cl. 165-1.000.
  - Gartside, Robert J.; and Woebcke, Herman N., 4,544,480, Cl. 208-127.000.
  - Gartside, Robert J.; and Woebcke, Herman N., 4,556,541, Cl. 422-145.000.
  - Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., 4,492,624, Cl. 208-78.000.
  - Johnson, Axel R.; and Woebcke, Herman N., 4,497,638, Cl. 48-197.00R.
  - Johnson, Axel R.; Narayanan, Swami; and Woebcke, Herman N., 4,552,644, Cl. 208-78.000.
- Woedl, John. Combination electrical outlet and lock box. 4,504,103, 3-12-85, Cl. 339-34.000.
- Woehler, Harold L.: *See—*
  - Fey, Robert M.; Woehler, Harold L.; and Manthei, Philip J., 4,535,610, Cl. 68-3.00R.
- Woelfel, James A.; and Smith, Richard W., to Motor Wheel Corporation. Fiber-reinforced composite wheel construction. 4,514,013, 4-30-85, Cl. 301-63.0PW.
- Woelfel, John, to Artcraft Panels, Inc. Prefabricated building panels. 4,525,965, 7-2-85, Cl. 52-309.170.
- Woelfel, Robert, to Rogers Corporation. Keyboard assembly. 4,520,248, 5-28-85, Cl. 200-340.000.

- Woenker, William E., to Chem-Elec, Inc. Strip material take-up apparatus. 4,500,046, 2-19-85, Cl. 242-67.10R.
- Woerner, Frank P.; Reimann, Horst; Mahnke, Harald; Neumann, Peter; Turznik, Gerhard; and Kaeppel, Hanshelmut, to BASF Aktiengesellschaft. Stabilized melamine resin foams. 4,530,940, 7-23-85, Cl. 521-124.000.
- Woerner, Frank P.: *See—*
  - Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,511,678, Cl. 521-52.000.
  - Mahnke, Harald; Woerner, Frank P.; Weber, Heinz; and Kreibiehl, Guenter, 4,540,717, Cl. 521-52.000.
- Woerner, Michael, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Folding apparatus receiving printed products from a rotary printing machine and method of redeposition. 4,531,722, 7-30-85, Cl. 270-47.000.
- Woernle, Rolf: *See—*
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,431, Cl. 127-37.000.
  - Erckel, Rudiger; Franz, Raimund; Woernle, Rolf; and Riehm, Theodor, 4,556,432, Cl. 127-37.000.
- Woerz, Hans: *See—*
  - Pape, Dieter; and Woerz, Hans, 4,547,103, Cl. 408-197.000.
- Woest, Wolfgang; Silbermann, Rainer; and Hegner, Frank, to Endress u. Hauser GmbH u. Co. Thin-film humidity sensor for measuring the absolute humidity and method for the production thereof. 4,530,030, 7-16-85, Cl. 361-286.000.
- Woffendin, Arnold, to Silentnight Holdings PLC. Box spring assemblies. 4,510,635, 4-16-85, Cl. 5-247.000.
- Woffinden, Duard S.: *See—*
  - Hill, Geoffrey E.; and Woffinden, Duard S., 4,494,714, Cl. 244-98.000.
- Woffinden, Gary A.: *See—*
  - Amdahl, Gene M.; Hanson, Donald L.; Kreuzenstein, Ronald K.; Roshon-Larsen, Gwynne L.; and Woffinden, Gary A., 4,551,797, Cl. 364-200.000.
- Wofford, B. Gary: *See—*
  - Weinberg, Alan S.; Wofford, B. Gary; and Voso, Philip T., 4,555,025, Cl. 206-497.000.
- Wogoman, Frank, to Miles Laboratories, Inc. Optical window with vacuum film holder. 4,526,445, 7-2-85, Cl. 350-534.000.
- Wohl, Ronald A.: *See—*
  - Davey, David D.; Lumma, William C., Jr.; and Wohl, Ronald A., 4,544,654, Cl. 514-210.000.
  - Diamond, Julius; and Wohl, Ronald A., 4,517,310, Cl. 514-394.000.
  - Erhardt, Paul W.; Hagedorn, Alfred A., III; Lumma, William C., Jr.; and Wohl, Ronald A., 4,556,665, Cl. 514-338.000.
  - Lumma, William C., Jr.; and Wohl, Ronald A., 4,545,995, Cl. 514-523.000.
- Wohl, Wilhelm: *See—*
  - Diepholz, Tilo; Hapke, Walter; Wohl, Wilhelm; and Schindler, H.-Joachim, 4,544,965, Cl. 360-71.000.
- Wohlfart, Artur, to Siemens Aktiengesellschaft. Contact springs. 4,534,611, 8-13-85, Cl. 339-217.00S.
- Wohlfarth, Dieter; and Kostelezky, Walter, to Daimler-Benz Aktiengesellschaft. Process for determining maintenance and serving intervals on motor vehicles. 4,525,782, 6-25-85, Cl. 364-431.010.
- Wohlfeil, Gerhard: *See—*
  - Sommer, Herbert; and Wohlfeil, Gerhard, 4,553,498, Cl. 118-126.000.
  - Sommer, Herbert; and Wohlfeil, Gerhard, 4,558,658, Cl. 118-411.000.
- Wohlford, William P., to Deere & Company. Endless track embodying track sections including flexors. 4,522,452, 6-11-85, Cl. 305-43.000.
- Wohlgemuth, Juergen; and Hohmann, Eugen, to Siemens Aktiengesellschaft. Percussion instrument. 4,499,906, 2-19-85, Cl. 128-776.000.
- Wohlgemuth, Werner, to Theodor Groz & Sohne & Ernst Beckert Nadelfabrik Commandit-Gesellschaft. Latch needle for machines for producing knitted goods. 4,498,315, 2-12-85, Cl. 66-121.000.
- Wohlgemuth, Werner: *See—*
  - Schuler, Bernhard; Schuller, Ferdinand; and Wohlgemuth, Werner, 4,548,056, Cl. 66-121.000.
- Wohlgenannt, Horst: *See—*
  - Gageur, Fritz; and Wohlgenannt, Horst, 4,498,250, Cl. 34-155.000.
- Wohlmut, Peter G.: *See—*
  - Jerome, Jonathan A.; Neu, Frank D.; and Wohlmut, Peter G., 4,536,866, Cl. 369-112.000.
- Wohlmuth, Clinton J.: *See—*
  - Johns, Kent I.; and Wohlmuth, Clinton J., 4,529,169, Cl. 251-356.000.
- Wohltjen, Henry: *See—*
  - Giuliani, John F.; and Wohltjen, Henry, 4,513,087, Cl. 436-96.000.
  - Hannan, Patrick J.; Stiffey, Arthur V.; Jarvis, N. Lynn; and Wohltjen, Henry, 4,513,280, Cl. 340-632.000.
- Wohlwend, Maurice, to Stanley Works, The. Reciprocating linear fluid motor. 4,552,227, 11-12-85, Cl. 173-15.000.
- Wohner, Hans J.: *See—*
  - Diemer, Peter; and Wohner, Hans J., 4,559,210, Cl. 423-237.000.
- Wohnhas, Adolf, deceased: *See—*
  - Slawyk, Wilhelm; Balle, Gerhard; Munzer, Manfred; and Wohnhas, Adolf, deceased, 4,507,444, Cl. 525-455.000.
- Wohnhas, Hannelor R. I., legal representative: *See—*
  - Slawyk, Wilhelm; Balle, Gerhard; Munzer, Manfred; and Wohnhas, Adolf, deceased, 4,507,444, Cl. 525-455.000.
- Wohnig, Ernest W.: *See—*
  - Aberle, Leonard J.; Kim, Dong W.; Lees, Robert; Vermeer, Dick C.; Wohnig, Ernest W.; and Yates, Samuel L., 4,519,116, Cl. 28-257.000.
- Wohnsdorf, Manfred: *See—*
  - Goldrian, Gottfried; Nitschke, Manfred; Rudolph, Volker; and Wohnsdorf, Manfred, 4,553,862, Cl. 400-121.000.
  - Hilpert, Fritz; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,542,393, Cl. 346-163.000.
  - Hilpert, Fritz W.; Kohm, Erich; Rudolph, Volker; and Wohnsdorf, Manfred, 4,502,797, Cl. 400-55.000.
- Wohr, Rolf: *See—*
  - Bressert, Edgar; Gulich, Gerhard; Martini, Helmut; Meny, Rudi; Sauer, Roland; and Wohr, Rolf, 4,543,570, Cl. 340-589.000.
  - Maier, Gernot; Tischler, Heinrich; Wohr, Rolf; and Schwarzhoff, Wolfgang, 4,545,632, Cl. 339-18.00R.
- Wohrle, Albert; and Krautzberger, Franz, to J. M. Voith GmbH. Coating mechanism. 4,495,888, 1-29-85, Cl. 118-410.000.
- Wohrle, Albert: *See—*
  - Damrau, Wayne A.; Vreeland, William C.; Bernert, Richard; and Wohrle, Albert, 4,534,309, Cl. 118-410.000.
- Wohrle, Rudolf: *See—*
  - Kober, Kurt; Wohrle, Rudolf; and Kohler, Robert, 4,502,561, Cl. 280-446.00B.
- Wohrstein, Franz X.: *See—*
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- Woirgard, Guy J.: *See—*
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- Woiszwillo, James: *See—*
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- Wojciechowski, Jerzy; Haber, Jerzy; Godziewicz, Zygmunt; and Lange, Edward, to Polska Akademia Nauk, Instytut Katalizy I Fizykochemii Powierzchni. Device for removal of ethylene from fruit storage chambers. 4,506,599, 3-26-85, Cl. 99-469.000.
- Wojciechowski, Longine J., to Vidal, Henri. Traffic barrier, barrier element and method of construction. 4,494,892, 1-22-85, Cl. 404-6.000.
- Wojcik, Jean: *See—*
  - Metzger, Jean; Lecouls, Henri; Colombe , Philippe; and Wojcik, Jean, 4,520,001, Cl. 423-332.000.
- Wojcik, Ronald T.: *See—*
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- Wojcik, Thaddeus: *See—*
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- Wojnarowski, Robert J.: *See—*
  - Eichelberger, Charles W.; Wojnarowski, Robert J.; and Cohen, Peter I., 4,495,251, Cl. 428-548.000.
  - Eichelberger, Charles W.; and Wojnarowski, Robert J., 4,522,888, Cl. 428-546.000.
  - Eichelberger, Charles W.; Wojnarowski, Robert J.; and Auerbach, Abraham, 4,528,748, Cl. 29-835.000.
- Wojnicki, John. Apparatus for horizontally forming, filling and sealing film pouch material. 4,548,018, 10-22-85, Cl. 53-51.000.
- Wojskowa Akademia Techniczna Im.: *See—*
  - Dabrowski, Roman; Dziaduszek, Jerzy; Szczucinski, Tomasz; Stolarz, Zofia; Zielinski, Jerzy; and Kenig, Krystyna, 4,528,116, Cl. 252-299.630.
- Wojtanek, Guy A., to Singer Company, The. Expanded interval timer drive mechanism. 4,500,212, 2-19-85, Cl. 368-108.000.
- Wojtanek, Guy A., to Singer Company, The. Timer drive mechanism. 4,536,626, 8-20-85, Cl. 200-35.00R.
- Wojtowicz, Edward A.: *See—*
  - Rau, William G.; and Wojtowicz, Edward A., 4,530,269, Cl. 89-1.140.
- Wojtowicz, John A., to Olin Corporation. Trichloroisocyanuric acid composition. 4,498,921, 2-12-85, Cl. 71-67.000.
- Wojtyna, Vincent J.: *See—*
  - Carlson, John D.; Kifer, Edward W.; Wojtyna, Vincent J.; and Colton, James P., 4,539,338, Cl. 521-131.000.
- Wolak, Ronald G., to Ford Motor Company. Temperature sensing structure for a furnace. 4,519,830, 5-28-85, Cl. 65-162.000.
- Wolaver, Dan H.; and Little, Warren E., to General Signal Corporation. Phase locked loop for high speed data. 4,547,747, 10-15-85, Cl. 331-17.000.
- Wolbrink, David W.: *See—*
  - Sarnosky, Joseph R.; Wolbrink, David W.; and Otte, Dieter W., 4,510,851, Cl. 98-42.080.
- Wolcott, Bernard F.: *See—*
  - Scales, John M.; and Wolcott, Bernard F., 4,502,815, Cl. 405-17.000.
- Wolcott, Dana W., to Eastman Kodak Company. Camera mechanism. 4,492,444, 1-8-85, Cl. 354-121.000.
- Wolcott, Herbert B., Jr., to Atlantic Richfield Company. Method for creating a zone of increased permeability in hydrocarbon-containing subterranean formation penetrated by a plurality of wellbores. 4,522,260, 6-11-85, Cl. 166-245.000.
- Wolcott, John H., to Eaton Corporation. Rolled housing for eddy current coupling. 4,520,284, 5-28-85, Cl. 310-42.000.
- Wolcott, Richard A., to Dow Chemical Company, The. Treatment of contaminated Stretford solution. 4,518,504, 5-21-85, Cl. 210-670.000.

Wold, Aaron: *See—*

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Wolde-Michael, Girma, to Donaldson Company, Inc. Gas, fluid and mineral solids separation and reclamation system. 4,515,607, 5-7-85, Cl. 55-166.000.

Wolde-Michael, Girma, to Donaldson Company, Inc. Fluid purification system. 4,521,313, 6-4-85, Cl. 210-776.000.

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Wolf, Andrew, to Kitchens of Sara Lee, Inc. Method for producing croissants. 4,526,795, 7-2-85, Cl. 426-297.000.

Wolf, Anthony D., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,534,790, 8-13-85, Cl. 71-93.000.

Wolf, Anthony D., to Du Pont de Nemours, E. I., and Company. Herbicidal sulfonamides. 4,547,215, 10-15-85, Cl. 71-92.000.

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Wolf, Charles B.; Meyer, Thomas N.; Fey, Maurice G.; and Heidrich, John E., to Westinghouse Electric Corp. High power arc heater. 4,535,225, 8-13-85, Cl. 219-383.000.

Wolf, Charles B.; and George, Joseph W., to Westinghouse Electric Corp. Electric arc heater having outlet gas admission. 4,554,435, 11-19-85, Cl. 219-383.000.

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Wolf, Daniel. Infra-red heating apparatus. 4,524,753, 6-25-85, Cl. 126-99.00R.

Wolf, David: *See—*

Korin, Eliyaho; Rappaport, Elazar; Pasternak, Dov; Roy, Aharon S.; and Wolf, David, 4,498,459, Cl. 126-430.000.

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Wolf, Dietmar; and Tuscher, Otto, to Messerschmitt-Bolkow-Blohm Gesellschaft mit beschrankter Haftung. Method of producing closed canals in components such as heat exchangers and rocket combustion chamber walls. 4,530,740, 7-23-85, Cl. 204-9.000.

Wolf, Ehrenfried G. B. Dental bridge. 4,543,064, 9-24-85, Cl. 433-208.000.

Wolf, Elmar; and Schmitt, Felix, to Chemische Werke Huels AG. One-component, heat-curing polyurethane-coatings, stable in storage. 4,495,229, 1-22-85, Cl. 427-388.200.

Wolf, Erich; and Deininger, Rolf, to Chimicasa GmbH. Water-soluble sweetening tablet. 4,495,213, 1-22-85, Cl. 426-548.000.

Wolf, Erwin: *See—*

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Wolf, Franz-Josef; and Pletsch, Hubert, to WOCO Franz-Josef Wolf & Co. Rotationally elastic coupling. 4,500,300, 2-19-85, Cl. 464-83.000.

Wolf, Franz-Josef; Pletsch, Hubert; and Benneyan, Gregoire, to WOCO Franz-Josef Wolf & Co. Rotationally elastic coupling. 4,504,244, 3-12-85, Cl. 464-83.000.

Wolf, Franz-Josef; and Pletsch, Hubert, to WOCO Franz-Josef Wolf & Co. Torsionally elastic coupling with an improved characteristic curve. 4,552,543, 11-12-85, Cl. 464-83.000.

Wolf, Franz-Josef; and Pletsch, Hubert, to WOCO Franz-Josef Wolf & Co. Torsionally elastic coupling. 4,560,367, 12-24-85, Cl. 464-83.000.

Wolf, Franz-Joseph; and Lauer, Hansjorg, to WOCO Franz-Josef Wolf & Co. Coupling. 4,491,350, 1-1-85, Cl. 285-236.000.

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Wolf, Gerhard, to Siemens Aktiengesellschaft. Data transmission facility between two asynchronously controlled data processing systems with a buffer memory. 4,525,849, 6-25-85, Cl. 375-118.000.

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Sirinyan, Kirkor; Giesecke, Henning; Wolf, Gerhard D.; Ebneth, Harold; and Merten, Rudolf, 4,493,861, Cl. 427-304.000.

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Sirinyan, Kirkor; Wolf, Gerhard D.; Merten, Rudolf; and von Gizycki, Ulrich, 4,554,183, Cl. 427-306.000.

Wolf, Gordon C.: *See—*

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Wolf, Gunter: *See—*

Barth, Hubert; Hartenstein, Johannes; Satzinger, Gerhard; Fritschi, Edgar; Ganser, Volker; Tauschel, Horst-Dietmar; and Wolf, Gunter, 4,499,089, Cl. 514-222.000.

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Wolf, Heinz; and Emmel, Werner, to Metallgesellschaft Aktiengesellschaft. Valve for use in gasification reactor. 4,559,972, 12-24-85, Cl. 137-614.110.

Wolf, Henry W.: *See—*

Rios, Victor; and Wolf, Henry W., 4,524,486, Cl. 16-381.000.

Wolf, Holly J.: *See—*

Kominek, Leo A.; and Wolf, Holly J., 4,524,134, Cl. 435-61.000.

Wolf, Horst, to Zinser Textilmaschinen GmbH. Process and apparatus for correlating startup and cutoff periods of different induction motors with one another. 4,518,899, 5-21-85, Cl. 318-68.000.

Wolf, Horst, to Zinser Textilmaschinen GmbH. Method and apparatus for stopping a rapidly advancing filament. 4,543,519, 9-24-85, Cl. 318-759.000.

Wolf, Horst, to Zinser Textilmaschinen GmbH. Windup-control system for textile machinery. 4,562,388, 12-31-85, Cl. 318-301.000.

Wolf, Hugo M.: *See—*

Wolf, Leo H.; and Wolf, Hugo M., 4,497,334, Cl. 137-209.000.

Wolf, Isaac; and Alper, Yekutiel, to State of Israel, Ministry of Agriculture. Apparatus for harvesting and separation of produce. 4,507,911, 4-2-85, Cl. 56-327.00R.

Wolf, James F.; Savner, Suzanne M.; Maxfield, MacRae; and Shacklette, Lawrence W., to Allied Corporation. Conjugated polymer battery containing organosulfur solvent. 4,528,254, 7-9-85, Cl. 429-197.000.

Wolf, Jerry M.; and Holben, Wilbur D., to Midwest-Acoust-A-Fiber, Inc. Sound absorption panel and method of making. 4,496,024, 1-29-85, Cl. 181-292.000.

Wolf, Jerry M.; and Holben, Wilbur D., to Midwest Acoust-A-Fiber. Sound absorption panel. 4,531,60[illegible], 7-30-85, Cl. 181-290.000.

Wolf, Joachim: *See—*

Burgeth, Heinz; Leitner, Georg; and Wolf, Joachim, 4,558,191, Cl. 200-5.00A.

Wolf, Joost M.; Post, Hendrik A.; Stigter, Willem H.; van der Brug, Gerard J.; and Sieben, Joannes H. F. C. Tape reel mounting and coupling for a magnetic-tape cassette. 4,545,550, 10-8-85, Cl. 242-200.000.

Wolf, Karl H., to Luitpold-Werk Chemisch-pharmazeutische Fabrik. Process for the preparation of injectable chondroitin polysulfate. 4,524,066, 6-18-85, Cl. 514-23.000.

Wolf, Karlheinz: *See—*

Molls, Hans-Heinz; Kaspar, Vaclav; Vosteen, Bernhard; Dehmel, Georg; Hornle, Reinhold; and Wolf, Karlheinz, 4,527,746, Cl. 241-23.000.

Wolf, Konrad: *See—*

Fidi, Werner; Pribyl, Richard; and Wolf, Konrad, 4,508,192, Cl. 181-158.000.

Wolf, Kurt; and Andre, Wolfram K., to Kurt Wolf & Co. KG. Saucepan and cover for a cooking utensil, particularly a steam pressure cooking pan. 4,535,229, 8-13-85, Cl. 219-440.000.

Wolf, Lajos: *See—*

Szendrei, Kalman; Minker, Emil; Rozsa, Zsuzsanna; Koch, Lehel; and Wolf, Lajos, 4,511,559, Cl. 514-54.000.

Wolf, Lawrence R.: *See—*

Ruest, Dennis A.; Takano, Masaharu; and Wolf, Lawrence R., 4,524,077, Cl. 514-557.000.

Wolf, Leo H.; and Wolf, Hugo M. Cleaning apparatus for liquid delivery systems. 4,497,334, 2-5-85, Cl. 137-209.000.

Wolf, Leslie G., II: *See—*

Diedrich, Brian J.; and Wolf, Leslie G., II, 4,510,634, Cl. 5-98.00B.

Wolf, Lester C.; and Lundie, William R., to Deere & Company. Rate adjustment for chemical meter. 4,561,565, 12-31-85, Cl. 222-28.000.

Wolf, Marvin L., to FMC Corporation. Load supporting structure. 4,520,888, 6-4-85, Cl. 180-125.000.

Wolf, Marvin L.: *See—*

Mick, Jon L.; and Wolf, Marvin L., 4,555,032, Cl. 212-189.000.

Wolf, Michael A.: *See—*

Waechter, David A.; Wolf, Michael A.; and Umbarger, C. John, 4,550,381, Cl. 364-527.000.

Wolf, Nicholas O.; and Yang, Kang, to Conoco Inc. Use of high ethoxylate low carbon atom amines for simultaneous removal of sulfonate surfactants and water from recovered crude oil. 4,548,707, 10-22-85, Cl. 208-188.000.

Wolf, Peter H.; Dobson, Thomas A.; and Rozo, Rafael, to Dataproducts Corporation. Print hammer assembly method. 4,524,259, 6-18-85, Cl. 219-69.00R.

Wolf, Peter H.; Clarke, David C.; and Hieber, Heinz H., to Dataproducts Corporation. Dot matrix print actuator. 4,527,469, 7-9-85, Cl. 101-93.040.

Wolf, Philip F.: *See—*

Taylor, Glenn A.; and Wolf, Philip F., 4,524,224, Cl. 568-858.000.

Wolf, Rainer: *See—*

Bill, Rudolf; and Wolf, Rainer, 4,532,287, Cl. 524-343.000.

Wolf, Richard A.: *See—*

Shearer, Wilfred L.; Sinker, Stephen M.; and Wolf, Richard A., 4,536,527, Cl. 524-193.000.

Wolf, Robert: *See—*

Jenkner, Karl; Steiner, Karl; and Wolf, Robert, 4,501,075, Cl. 34-125.000.

Wolf, Robert A., to Radiant Heat, Inc. Clamping means for matrix in radiant gas burner. 4,492,564, 1-8-85, Cl. 431-328.000.

Wolf, Rodney A.; and Zech, Alan G., to Kimberly Hills, Ltd. High insulating solar block structures. 4,527,544, 7-9-85, Cl. 126-419.000.

Wolf, Rudiger: *See—*

Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,537,641, Cl. 148-11.50P.

- Albrecht, Wolf-Wigand; Hoppe, Axel; Papp, Uwe; and Wolf, Rudiger, 4,548,672, Cl. 156-646.000.
- Wolf, Stanley; and Atwood, Warren C., to TRW Inc. Polyimide intermetal dielectric process. 4,495,220, 1-22-85, Cl. 427-82.000.
- Wolf, Stephen F.: *See—*
  - Newell, Richard G.; and Wolf, Stephen F., 4,508,916, Cl. 556-420.000.
- Wolf, Walter: *See—*
  - Maul, Rudolf; Stephan, Hans; and Wolf, Walter, 4,554,368, Cl. 556-91.000.
- Wolf, Wilhelm. Chin rest for a violin or the like. 4,534,259, 8-13-85, Cl. 84-279.000.
- Wolf, Wolfram: *See—*
  - Aykut, Kurt, deceased; Aykut, Eva-Marie, executor; and Wolf, Wolfram, 4,520,614, Cl. 53-540.000.
  - Brandt, Eckhard; and Wolf, Wolfram, 4,509,417, Cl. 100-90.000.
- Wolfbeis, Ludwig: *See—*
  - Muller, Anton; Konig, Hubert; and Wolfbeis, Ludwig, 4,542,779, Cl. 152-213.00A.
- Wolfe, Allan M.; Davenport, James M.; Theeuwes, Felix; and Yum, Su I., to ALZA Corporation. In-line drug dispenser for use in intravenous therapy. 4,533,348, 8-6-85, Cl. 604-85.000.
- Wolfe, David L., to Dow Chemical Company, The. Elastomeric polyether-containing impact polymer products. 4,500,687, 2-19-85, Cl. 525-412.000.
- Wolfe, Dexter L.; and Peerenboom, Robert J., to Kimberly-Clark Corporation. Tampon with resilient component and microfiber insert. 4,543,098, 9-24-85, Cl. 604-370.000.
- Wolfe, Donald L., to Westinghouse Electric Corp. Rigid support for laser machining apparatus. 4,493,967, 1-15-85, Cl. 219-121.0LC.
- Wolfe, Donald L.; Clements, Jack W.; and Kerrey, John S., to Westinghouse Electric Corp. Laser machining system. 4,541,055, 9-10-85, Cl. 364-474.000.
- Wolfe, Donald L.: *See—*
  - Antol, Ronald F.; Kalkbrenner, Ralph W.; and Wolfe, Donald L., 4,501,949, Cl. 219-121.0LC.
- Wolfe, Earle C., deceased (by Wolfe, M. Christine, administrator); Jobsky, William G.; and Smith, Thomas P., to Aaron Alarm Systems, Inc. Pool alarm. 4,510,487, 4-9-85, Cl. 340-566.000.
- Wolfe, Eddie B. Automatic rewinding water hose reel. 4,543,982, 10-1-85, Cl. 137-355.200.
- Wolfe, Edward B. Toothpaste extractor. 4,508,242, 4-2-85, Cl. 222-102.000.
- Wolfe, James D.; Kimball, Michael E.; and Fruzzetti, Richard E., to Goodyear Tire & Rubber Company, The. One component polyurethane SMC surface coat. 4,552,913, 11-12-85, Cl. 524-240.000.
- Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., to SRI International. Liquid crystalline polymer compositions, process, and products. 4,533,692, 8-6-85, Cl. 524-417.000.
- Wolfe, James F.; Sybert, Paul D.; and Sybert, Joanne R., to SRI International. Liquid crystalline polymer compositions, process, and products. 4,533,693, 8-6-85, Cl. 524-417.000.
- Wolfe, James F.; Sybert, Paul D.; Sybert, Joanne R.; and Wilson, Blake, to SRI International. Liquid crystalline poly (2,6-benzothiazole) compositions, process, and products. 4,533,724, 8-6-85, Cl. 528-313.000.
- Wolfe, John R., III: *See—*
  - Frank, Jimmy I.; and Wolfe, John R., III, 4,524,524, Cl. 33-147.00M.
- Wolfe, Larry L.: *See—*
  - Higgins, Robert C.; Stanich, Mikel J.; and Wolfe, Larry L., 4,538,895, Cl. 355-3.00R.
- Wolfe, Lewis E.; and Howard, Ross K., to United States of America, Navy. Analog inclination data system. 4,531,299, 7-30-85, Cl. 33-366.000.
- Wolfe, M. Christine, administrator: *See—*
  - Wolfe, Earle C., deceased; Jobsky, William G.; and Smith, Thomas P., 4,510,487, Cl. 340-566.000.
- Wolfe, Saul; Westlake, Donald; and Jensen, Susan, to Queen's University at Kingston. Isolation of cyclase, epimerase and a ring expansion enzyme for producing unnatural cephalosporins. 4,510,246, 4-9-85, Cl. 435-183.000.
- Wolfe, Saul; and Shaw, Chia-Cheng, to Queen's University at Kingston. Intermediates for process for 1-oxacephem derivatives. 4,514,333, 4-30-85, Cl. 260-239.00A.
- Wolfe, Saul; Westlake, Donald; and Jensen, Susan, to Queen's University at Kingston. Stable epimerase reagent, cyclase reagent and ring expansion reagent for cell-free production of cephalosporins. 4,536,476, 8-20-85, Cl. 435-183.000.
- Wolfe, Sidney N.: *See—*
  - Shaked, Ze'ev; and Wolfe, Sidney N., 4,530,787, Cl. 260-112.00R.
- Wolfe, Susan V.: *See—*
  - Cranfield, Brian A.; Fothergill, John C.; and Wolfe, Susan V., 4,551,499, Cl. 524-487.000.
- Wolfe, William R., Jr., to Du Pont de Nemours, E. I., and Company. Microwave absorber. 4,518,651, 5-21-85, Cl. 428-308.800.
- Wolfe, William R., Jr., to Du Pont de Nemours, E. I., and Company. Lamination of fluorocarbon films. 4,549,921, 10-29-85, Cl. 156-272.600.
- Wolfel, Lee A., to AMP Incorporated. Round cable adaptor for modular plug. 4,516,822, 5-14-85, Cl. 339-103.00M.
- Wolfel, Werner: *See—*
  - Rodel, Gerhard; and Wolfel, Werner, 4,562,523, Cl. 363-21.000.
- Wolfer, Dale R.: *See—*
  - Falknor, Charles L.; Vetter, Vincent H.; Wolfer, Dale R.; and Lyon, Dalton K., 4,557,339, Cl. 175-325.000.
- Wolfer, Dietrich: *See—*
  - Weise, Carlos; Wolfer, Dietrich; and Patzke, Jorg, 4,548,979, Cl. 524-403.000.
- Wolfer, Peter: *See—*
  - Engeler, Paul; and Wolfer, Peter, 4,559,821, Cl. 73-167.000.
- Wolfermann, Dietmar: *See—*
  - Vogel, Wolfgang; Trinks, Werner; Heilmann, Horst; Grenzendorfer, Dietmar; and Wolfermann, Dietmar, 4,503,688, Cl. 66-85.00A.
- Wolfert, Clarke K., to Air Vent Inc. Roof ridge ventilator for retarding microbe growth in shingle roofs. 4,554,862, 11-26-85, Cl. 98-42.210.
- Wolff, Andrew M. Accurately tracking phonograph arm. 4,497,053, 1-29-85, Cl. 369-244.000.
- Wolff, David A.: *See—*
  - Oliver, Kirk D.; and Wolff, David A., 4,496,882, Cl. 315-371.000.
- Wolff, Douglas F.: *See—*
  - Minick, Harold N.; and Wolff, Douglas F., 4,542,832, Cl. 211-106.000.
- Wolff, Edward A.: *See—*
  - Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,516,199, Cl. 364-200.000.
  - Frieder, Gideon; Hughes, David T.; Kline, Mark H.; Liebel, John T., Jr.; Meier, David P.; and Wolff, Edward A., 4,527,237, Cl. 364-200.000.
- Wolff, Erich: *See—*
  - Renner, Gunter; Wolff, Erich; Sommer, Friedhelm; Stark, Herbert; Stieler, Dieter; and Meier, Egon, 4,529,691, Cl. 430-556.000.
- Wolff, Gerard: *See—*
  - Berger, Christian; Farge, Daniel; Moutonnier, Claude; and Wolff, Gerard, 4,520,193, Cl. 544-016.000.
- Wolff, Gunter, to Robert Bosch GmbH. Gear machine with displaceable central housing part. 4,492,544, 1-8-85, Cl. 418-107.000.
- Wolff, Gunter: *See—*
  - Eckstein, Wolfgang; Leichnitz, Kurt; Pannwitz, Karl-Heinz; Rabenecker, Horst; and Wolff, Gunter, 4,528,160, Cl. 422-86.000.
- Wolff, Horst; and Hani, Franz, to Speck-Kolbenpumpen-Fabrik Otto Speck KG. Pump for forwarding liquids. 4,561,828, 12-31-85, Cl. 417-307.000.
- Wolff, James W.; Ruedisueli, James W.; and Schinke, Ralph, to Union Special Corporation. Method and apparatus for retarding oil leakage in a sewing machine. 4,522,136, 6-11-85, Cl. 112-256.000.
- Wolff, Konrad: *See—*
  - Hofmann, Hansdieter; Rothe, Hans-Jochen; Skupin, Georg; and Wolff, Konrad, 4,528,362, Cl. 528-336.000.
- Wolff, Lee S. Implement sharpening device. 4,528,778, 7-16-85, Cl. 51-91.0BS.
- Wolff, Merle T.: *See—*
  - Whittlesey, Curtis C.; Henriksen, Gary L.; Keryluk, Walter B.; and Wolff, Merle T., 4,518,664, Cl. 429-38.000.
- Wolff, Michel: *See—*
  - Toillie, Alain; and Wolff, Michel, 4,557,104, Cl. 56-13.600.
- Wolff, N. A.: *See—*
  - Botterman, D. L.; Wolff, N. A.; and Ver Planck, H. T., 4,498,420, Cl. 119-15.000.
- Wolff, Robert A.: *See—*
  - Mielnik, Thaddeus J., Jr.; and Wolff, Robert A., 4,526,165, Cl. 128-133.000.
- Wolff, Robin K.: *See—*
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,506,104, Cl. 568-820.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,510,340, Cl. 568-884.000.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,533,491, Cl. 252-522.00R.
  - Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,549,971, Cl. 252-8.600.
- Wolff, Siegfried; Grewatta, Heinz; and Buder, Wolfgang, to Degussa Aktiengesellschaft. Process for vulcanization or cross-linking halogen containing rubbers in the presence of silicon containing isothiuronium compounds. 4,517,335, 5-14-85, Cl. 524-552.000.
- Wolff, Siegfried; and Tan, Ewe-Hong, to Degussa Aktiengesellschaft. Rubber mixtures giving reversion-free vulcanizates and process of vulcanization. 4,517,336, 5-14-85, Cl. 524-571.000.
- Wolff, Siegfried; and Golombeck, Paul, to Degussa Aktiengesellschaft. Elastic molding material, method of producing and shaping and use thereof. 4,524,169, 6-18-85, Cl. 524-263.000.
- Wolff, Siegfried: *See—*
  - Kerner, Dieter; Kleinschmit, Peter; Parkhouse, Alan; and Wolff, Siegfried, 4,514,231, Cl. 106-309.000.
- Wolff Walsrode Aktiengesellschaft: *See—*
  - Bernert, Claus-Rudiger; Kirchner, Hans-Gert; and Nader, Reinhard, 4,507,473, Cl. 536-86.000.
- Wolff, William F., to Amoco Corporation. Method for extraction solvent recovery. 4,548,701, 10-22-85, Cl. 208-11.0LE.
- Wolff Wire Corporation: *See—*
  - Minick, Harold N., 4,508,300, Cl. 248-216.100.
  - Minick, Harold N.; and Wolff, Douglas F., 4,542,832, Cl. 211-106.000.
- Wolfges, Hans, to Mannesmann Rexroth GmbH. Electrically controlled pressure relief valve including a hydraulic bias. 4,548,233, 10-22-85, Cl. 137-529.000.

Wolfges, Hans, to Mannesmann Rexroth GmbH. Electrically controlled pressure reducing valve. 4,548,383, 10-22-85, Cl. 251-129.000.

Wolfges, Hans, to Mannesmann Rexroth GmbH. Device for controlling a hydromotor. 4,555,976, 12-3-85, Cl. 91-420.000.

Wolfram, Joachim W., to Ethyl Corporation. Process for preparing aryloxyalkylpyruvic acids. 4,532,345, 7-30-85, Cl. 562-406.000.

Wolfram, Joachim W., to Ethyl Corporation. Preparation of halo-α-keto-carboxylic acids. 4,544,505, 10-1-85, Cl. 260-413.000.

Wolfram, Joachim W.: *See—*

Lee, John Y.; and Wolfram, Joachim W., 4,492,798, Cl. 562-406.000.

Wolfram, Leszek J.: *See—*

Bogaty, Herman; Brown, Keith; Loveless, Norman P.; and Wolfram, Leszek J., 4,559,057, Cl. 8-405.000.

De Marco, Richard; Varco, Joseph; Wolfram, Leszek J.; and Wong, Michael, 4,529,586, Cl. 424-70.000.

Wolfram, Norman E., to Northeast Pyreduction Corp. High temperature furnace. 4,545,306, 10-8-85, Cl. 110-247.000.

Wolfram, Roland, to Siemens Aktiengesellschaft. Method for manufacturing a tubular part for generating a spatially alternating magnetic field within a magnet system for guiding the electron beam of travelling-wave tubes. 4,542,581, 9-24-85, Cl. 29-600.000.

Wolfram, Roland, to Siemens Aktiengesellschaft. Traveling-wave tube with a periodic permanent-magnet focusing system. 4,560,904, 12-24-85, Cl. 315-3.500.

Wolfrum, Emil, to Gebrauchs Gerate GmbH. Method of and apparatus for making an adhesive-coated roll. 4,546,011, 10-8-85, Cl. 427-179.000.

Wolfrum, Gerhard: *See—*

Schenk, Gunther; Bergthaller, Peter; Heidenreich, Holger; and Wolfrum, Gerhard, 4,524,123, Cl. 430-241.000.

Stolzenburg, Rudolf; Bergthaller, Peter; Wolfrum, Gerhard; and Strauss, Jurgen, 4,521,506, Cl. 430-241.000.

Wolfseder, Alfons, to Anton Steinecker Maschinenfabrik GmbH. Apparatus for the extraction of vapor from a mash and/or wort tub. 4,522,256, 6-11-85, Cl. 165-103.000.

Wolfseder, Alfons, to Anton Steinecker Maschinenfabrik GmbH. Tub vapor condenser. 4,522,257, 6-11-85, Cl. 165-113.000.

Wolfseder, Alfons, to Anton Steinecker Maschinenfabrik GmbH. Heat exchanger having a set of pipes. 4,558,734, 12-17-85, Cl. 165-113.000.

Wolfseder, Alfons: *See—*

Redl, Simon; and Wolfseder, Alfons, 4,552,060, Cl. 99-278.000.

Wolfsgruber, Friedrich; Weiser, Ernst A.; Gmohling, Werner; Kern, Hans; and Reifferscheid, Karl J., to SKW Trostberg Aktiengesellschaft; and Metallgesellschaft Aktiengesellschaft. Treatment agent for cast iron melts and a process for the production thereof. 4,540,436, 9-10-85, Cl. 75-130.00A.

Wolfson, Sumner H., to Burr-Brown Corporation. Expendable heater sealing process. 4,507,907, 4-2-85, Cl. 53-478.000.

Wolfson, Sumner H., to Burr-Brown Corporation. Heater preform for sealing a closure. 4,560,084, 12-24-85, Cl. 220-359.000.

Wolgemuth, Richard L.: *See—*

Carter, John P., Jr.; and Wolgemuth, Richard L., 4,540,814, Cl. 564-172.000.

Wolicki, Eligius A.; and Guenzer, Charles S. Spectral dosimeter. 4,529,884, 7-16-85, Cl. 250-370.000.

Wolkenstein, Robert, to Voest-Alpine Aktiengesellschaft. Sieve belt press. 4,492,155, 1-8-85, Cl. 100-118.000.

Wolkenstein, Robert, to Voest-Alpine Aktiengesellschaft. Filter press for dewatering of materials. 4,536,289, 8-20-85, Cl. 210-401.000.

Wolkonsky, Alexander, to Stericric SA. Flask for sterile liquids. 4,493,427, 1-15-85, Cl. 215-230.000.

Wolkstein, Herbert J., to RCA Corporation. Optoelectronic multiposition RF signal switch. 4,530,573, 7-23-85, Cl. 350-358.000.

Wollar, Burnell J.; and Schwind, Richard J., to Phillips Plastics Corporation. Expansion rivet assembly. 4,556,351, 12-3-85, Cl. 411-38.000.

Wollenhaupt, Peter: *See—*

Weirich, Walter; Melis, Jurgen; and Wollenhaupt, Peter, 4,534,584, Cl. 285-24.000.

Wollensak, John C.: *See—*

Lucast, Donald H.; Shubkin, Ronald L.; Filbey, Allen H.; and Wollensak, John C., 4,526,905, Cl. 521-51.000.

Wollgarten, Kurt: *See—*

Rohr, Willy; Wollgarten, Kurt; and Vogel, Rudolf, 4,520,851, Cl. 139-448.000.

Wollmann, Andrew F., to Quartz Engineering & Materials, Inc. Cantilever diffusion tube apparatus and method. 4,526,534, 7-2-85, Cl. 432-11.000.

Wollmann, Andrew F.: *See—*

Whang, J. S.; and Wollmann, Andrew F., 4,543,059, Cl. 432-11.000.

Wolner, J. Thomas, to D B Industries, Inc. Shock absorber for fall protection system. 4,538,702, 9-3-85, Cl. 182-3.000.

Wolner, James T., to D B Industries, Inc. Double locking safety snap. 4,539,732, 9-10-85, Cl. 24-241.00R.

Wolo Manufacturing Corporation: *See—*

Solow, Joseph E., 4,494,391, Cl. 70-428.000.

Solow, Joseph E., 4,505,140, Cl. 70-424.000.

Wologodzew, Leo: *See—*

Clark, John I.; and Wologodzew, Leo, 4,507,104, Cl. 474-112.000.

Woloski, Leonard E.; and Wyles, Walter E., to Lightolier Incorporated. Ceiling fixture having self-activating mounting means. 4,497,014, 1-29-85, Cl. 362-150.000.

Wolosky, Irwin S.: *See—*

Norton, William J.; and Wolosky, Irwin S., 4,531,933, Cl. 604-8.000.

Woloszczuk, Edmund W., to Marconi Company Limited, The. Slotted dipole with three layer transmission line feed. 4,528,568, 7-9-85, Cl. 343-816.000.

Wolowski, Eckard; and Mirtsch, Frank, to Ruhrkohle Aktiengesellschaft. Method for interconnecting thermally and pressure-stressed multi-phase reactors. 4,555,325, 11-26-85, Cl. 208-10.000.

Wolstenholme, Charles T.: *See—*

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Wolstenholme, Paul P. Storage system for granular materials. 4,493,248, 1-15-85, Cl. 98-52.000.

Wolter, Albrecht; and Herchenbach, Horst, to Klockner-Humboldt-Deutz AG. Method and apparatus for burning cement clinker. 4,504,319, 3-12-85, Cl. 106-100.000.

Wolter, Albrecht; and Herchenbach, Horst, to Klockner-Humboldt-Deutz AG. Method for the manufacture of calcareous bonding agents, particularly cement. 4,556,428, 12-3-85, Cl. 106-102.000.

Wolter, Albrecht: *See—*

Herchenbach, Horst; Wolter, Albrecht; and Steinbiss, Eberhard, 4,507,153, Cl. 106-100.000.

Steinbiss, Eberhard; Herchenbach, Horst; Ramesohl, Hubert; and Wolter, Albrecht, 4,496,396, Cl. 106-100.000.

Wolter, Eric H.: *See—*

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Wolter, Gerry. Gas instantaneous water heater. 4,550,689, 11-5-85, Cl. 122-448.00R.

Wolter, Heinz. Light. 4,521,833, 6-4-85, Cl. 362-116.000.

Wolter, Manfred; Dorn, Friedrich-Wilhelm; Heymer, Gero; and Stephan, Hans-Werner, to Hoechst Aktiengesellschaft. Process for separating carbon black from an aqueous suspension. 4,530,769, 7-23-85, Cl. 210-769.000.

Wolters, Dennis R., to Protective Treatments, Inc. Foldable trim strip with mounting portion. 4,491,614, 1-1-85, Cl. 428-31.000.

Wolters, Ernst: *See—*

Reske, Eckart; and Wolters, Ernst, 4,517,319, Cl. 523-200.000.

Wolters, Gerd-Michael: *See—*

Deutschmann, Herbert; and Wolters, Gerd-Michael, 4,550,568, Cl. 60-612.000.

Schier, Karl; and Wolters, Gerd-Michael, 4,538,584, Cl. 123-559.000.

Wolters, Johannes; David, Paul-Johannes; and Heller, Monika, to Kernforschungsanlage Julich Gesellschaft mit beschrankter Haftung. Coolant standpipe system for protection of a nuclear reactors safety vessel against breakdown from overpressure. 4,505,875, 3-19-85, Cl. 376-283.000.

Wolters, Leendert, to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. System for the use of gas as secondary fuel in diesel engines. 4,517,928, 5-21-85, Cl. 123-27.0GE.

Wolters, Martin; and Meuer, Gerd R., to Maschinenfabrik Ernst Thielenhaus GmbH. Method of and apparatus for the superfinishing of a thin-wall metal workpiece. 4,513,538, 4-30-85, Cl. 51-131.300.

Wolters, Richard H., to Westinghouse Electric Corp. Paper management support rack. 4,552,273, 11-12-85, Cl. 211-187.000.

Wolters, Tjako A.: *See—*

Tjebbes, Johannes C.; and Wolters, Tjako A., 4,505,214, Cl. 114-29.000.

Woltersdorf, Otto W., to Merck & Co., Inc. Benzothiazolesulfonamide derivatives for the topical treatment of elevated intraocular pressure. 4,500,538, 2-19-85, Cl. 514-367.000.

Woltersdorf, Otto W., Jr.: *See—*

Hoffman, Jacob M., Jr.; and Woltersdorf, Otto W., Jr., 4,505,923, Cl. 514-229.000.

Wolthausen, Edward C., to Crown Zellerbach Corporation. Ultrasonic softness testing system. 4,548,081, 10-22-85, Cl. 73-584.000.

Woltjen, Duane W.: *See—*

Sunnen, Robert M.; and Woltjen, Duane W., 4,555,875, Cl. 51-331.000.

Woltmann, Reinhard; and Sixt, Karl, to Bayerische Motoren Werke AG. Mold with feeder channel for the casting of metals, in particular, for low-pressure casting. 4,508,159, 4-2-85, Cl. 164-306.000.

Wolvek, Sidney; Hanson, Bruce L.; and Lucas, John J., to Datascope Corporation. Wrapping system for intra-aortic balloon utilizing a wrapping envelope. 4,531,512, 7-30-85, Cl. 128-1.00D.

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Wolwert, Marcel: *See—*

Kremer, Andre ; and Wolwert, Marcel, 4,540,058, Cl. 177-255.000.

Wolze, Martin H. Champagne bottle opener. 4,520,696, 6-4-85, Cl. 81-3.550.

Wolzenburg, Heinrich, to Hoesch Aktiengesellschaft. Wire race bearing with rolling contact. 4,505,525, 3-19-85, Cl. 384-565.000.

Womack, Darryl L.; Noell, Ralph B.; and Bradshaw, Larry R., to Scott Orthopedics, Inc. Adjustable joint for a knee brace. 4,554,913, 11-26-85, Cl. 128-80.00C.

Womack, Dennis R., to United States of America, Army. Nuclear heated and powered metal excimer laser. 4,505,876, 3-19-85, Cl. 376-326.000.

Womack, James A.: *See—*

Long, Jerry M.; and Womack, James A., 4,498,583, Cl. 206-444.000.

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Long, Jerry M.; and Womack, James A., 4,544,213, Cl. 312-183.000.

Womack, Robert C., to AAA Products International. Quick change latching of components. 4,561,811, 12-31-85, Cl. 408-1.00R.

- Womako Maschinenkonstruktionen GmbH: *See—*
  - Fabrig, Paul, 4,558,981, Cl. 412-7.000.
  - Lehmann, Hartmut, 4,501,304, Cl. 140-103.000.
  - Witte, Fritz, 4,513,794, Cl. 140-105.000.
- Wombles, Robert H.; Carlos, Donald D.; and Gannon, Charles R., to Ashland Oil, Inc. Method and composition of asphaltic roofing fluxes. 4,544,411, 10-1-85, Cl. 106-279.000.
- Womersley, Peter: *See—*
  - Holland, Frank S.; Womersley, Peter; and Curran, John, 4,510,095, Cl. 260-429.700.
- Won, Kwang J.; and Pecoraro, George A., to PPG Industries, Inc. Submerged oxygen-hydrogen combustion melting of glass. 4,545,800, 10-8-85, Cl. 65-134.000.
- Won, Vann Y. Top feeding liquid atomizer. 4,511,084, 4-16-85, Cl. 239-223.000.
- Won, Vann Y. Fuel vapor generator. 4,551,153, 11-5-85, Cl. 48-102.00R.
- Wondergem, Jan: *See—*
  - Vissers, Hermanus H.; and Wondergem, Jan, 4,550,557, Cl. 56-341.000.
- Wong, Alan S., to Del Mar Avionics. Method and apparatus for displaying electrocardiographic signals. 4,528,988, 7-16-85, Cl. 128-712.000.
- Wong, Alan S.: *See—*
  - Lisiecki, Andrew I.; and Wong, Alan S., 4,519,398, Cl. 128-710.000.
- Wong, Albert H., to Wong Technology, Inc. Protective enclosures having self-contained air supply. 4,502,157, 3-5-85, Cl. 2-202.000.
- Wong, Albert H., to Wong Technology, Inc. Protective enclosure having self-contained air supply. 4,554,683, 11-26-85, Cl. 2-202.000.
- Wong, Backman, to Standard-Thomson Corporation. Automotive thermostatic fluid control valve device. 4,524,907, 6-25-85, Cl. 236-34.500.
- Wong, Boon; Morel, Don L.; and Grosvenor, Victor L., to Atlantic Richfield Company. PIN Amorphous silicon solar cell with nitrogen compensation. 4,531,015, 7-23-85, Cl. 136-258.000.
- Wong, Carl Y.; Khan, Mir N.; and Mihalik, John A., to Hershey Foods Corporation. Process of manufacturing candy bars containing wafers and wafer bars manufactured thereby. 4,545,997, 10-8-85, Cl. 426-94.000.
- Wong, Chak-Kuen: *See—*
  - Miranker, Glen S.; and Wong, Chak-Kuen, 4,520,456, Cl. 364-900.000.
- Wong, Ching-Ping, to AT&T Technologies, Inc. Encapsulated electronic circuit. 4,508,758, 4-2-85, Cl. 427-96.000.
- Wong, Ching-Ping, to AT&T Technologies, Inc. Silicone encapsulant containing porphyrin. 4,552,818, 11-12-85, Cl. 428-447.000.
- Wong-Chong, George M., to Environmental Research & Technology. Activated sludge wastewater treating process. 4,537,682, 8-27-85, Cl. 210-611.000.
- Wong, Chun-Ming: *See—*
  - Schriever, Matthias P.; and Wong, Chun-Ming, 4,526,641, Cl. 156-247.000.
- Wong, David: *See—*
  - Richmond, Iain J.; Wong, David; Puust, Ants; and Oldham, James A., 4,517,903, Cl. 110-233.000.
- Wong, David T.; and Lacefield, William B., to Eli Lilly and Company. Diaryl-pyrazine derivatives affecting GABA binding. 4,513,135, 4-23-85, Cl. 544-120.000.
- Wong, David T.; and Foreman, Mark M., to Eli Lilly and Company. Stimulating dopamine D-1 receptors. 4,528,290, 7-9-85, Cl. 514-293.000.
- Wong, Dennis W. Diagnostic composition for radiologic imaging of neoplasms in the body and method of preparation. 4,500,507, 2-19-85, Cl. 424-1.100.
- Wong, Did-Bun, to R. R. Donnelley & Sons Company. Collating and binding system and method with postage indication. 4,500,083, 2-19-85, Cl. 270-54.000.
- Wong, Fred S.; and Grohman, Larry F., to Hydril Company. Subsurface safety valve. 4,552,219, 11-12-85, Cl. 166-321.000.
- Wong, Frederick: *See—*
  - Coffen, David L.; Holland, George W.; Rosen, Perry; and Wong, Frederick, 4,558,140, Cl. 549-312.000.
- Wong, Harvey C., to Mechatron Systems, Inc. Dual mode printer servo with improved velocity signal generator. 4,523,137, 6-11-85, Cl. 318-604.000.
- Wong, Harvey C.; and Lin, Frank W., to Mechatron Systems, Inc. Velocity-position servo with improved gain control. 4,551,664, 11-5-85, Cl. 318-592.000.
- Wong, Herbert V.: *See—*
  - Wilner, L. Bruce; and Wong, Herbert V., 4,523,964, Cl. 148-33.200.
- Wong, Johnson N. S., to Evergreen Industries, Inc. Device for interconnecting specimen collecting tubes. 4,526,756, 7-2-85, Cl. 422-104.000.
- Wong, Michael: *See—*
  - De Marco, Richard; Varco, Joseph; Wolfram, Leszek J.; and Wong, Michael, 4,529,586, Cl. 424-70.000.
- Wong, Nang C., to Dow Chemical Company, The. Olefin polymer barrier films and methods for use thereof. 4,538,531, 9-3-85, Cl. 111-1.000.
- Wong, P. K.; and Dickson, Mark K., to Shell Oil Company. β-Lactone process. 4,533,740, 8-6-85, Cl. 549-328.000.
- Wong, Patrick S.; Langston, Jimmy B.; and Leeper, Harold M. Method for preventing contamination of catheter and drainage receptacle. 4,529,398, 7-16-85, Cl. 604-49.000.
- Wong, Patrick S. L., to ALZA Corporation. Vaginal diaphragm. 4,526,578, 7-2-85, Cl. 604-892.000.
- Wong, Patrick S. L.: *See—*
  - Edgren, David; Wong, Patrick S. L.; and Theeuwes, Felix, 4,503,030, Cl. 424-15.000.
- Wong, Paul P.; Lippold, John B.; and Burgess, Glenn A., to Garrett Corporation, The. Aircraft cabin pressurization system. 4,553,474, 11-19-85, Cl. 98-1.500.
- Wong, Rayman Y., to Stauffer Chemical Company. Insect repellent compounds. 4,529,598, 7-16-85, Cl. 514-277.000.
- Wong, Rayman Y.; and Bunker, Nathan S., to Stauffer Chemical Company. Method for preparation of N-phosphonomethylglycine. 4,547,324, 10-15-85, Cl. 260-502.40R.
- Wong, Rayman Y., to Stauffer Chemical Company. Pyridylpropyl cyclohexene carboxylates as insect repellents. 4,554,277, 11-19-85, Cl. 514-277.000.
- Wong, Rayman Y., to Stauffer Chemical Company. Pyridylpropyl carbamates as insect repellents. 4,555,515, 11-26-85, Cl. 514-357.000.
- Wong, Robert; Flautt, Martin C.; and Haines, Richard M., to Owens-Corning Fiberglas Corporation. Size composition for glass fibers. 4,500,600, 2-19-85, Cl. 428-391.000.
- Wong, Sam S.: *See—*
  - Waineo, Douglas K.; and Wong, Sam S., 4,555,708, Cl. 343-799.000.
- Wong, Sing Y.; and Birkner, John M., to Monolithic Memories, Inc. Programmable array logic circuit with shared product terms. 4,554,640, 11-19-85, Cl. 364-716.000.
- Wong, Stephen L.; and Salama, Clement A. T., to University of Toronto Innovations Foundation. High gain amplifying stage by output conductance cancellation. 4,525,679, 6-25-85, Cl. 330-277.000.
- Wong, Stephen S.: *See—*
  - Chen, Nai Y.; Haag, Werner O.; Huang, Tracy J.; and Wong, Stephen S., 4,500,417, Cl. 208-111.000.
  - LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Stephen S., 4,518,485, Cl. 208-89.000.
  - Tsao, Ying-Yen P.; and Wong, Stephen S., 4,532,225, Cl. 502-62.000.
- Wong, Steven S.: *See—*
  - LaPierre, Rene B.; Partridge, Randall D.; Chen, Nai Y.; and Wong, Steven S., 4,501,926, Cl. 585-739.000.
- Wong, Tak M., to Square D Company. Interlock scheme for high amperage molded case circuit breaker. 4,506,246, 3-19-85, Cl. 335-164.000.
- Wong, Tak M.: *See—*
  - Chabot, Ferdinand E.; and Wong, Tak M., 4,491,709, Cl. 200-153.0SC.
- Wong Technology, Inc.: *See—*
  - Wong, Albert H., 4,502,157, Cl. 2-202.000.
  - Wong, Albert H., 4,554,683, Cl. 2-202.000.
- Wong, Thomas: *See—*
  - Krill, Wayne V.; Wong, Thomas; and Gotterba, James, 4,543,940, Cl. 126-92.0AC.
- Wong, Thomas M., to E. R. Squibb & Sons, Inc. Oleaginous emollient vehicle for steroid formulations. 4,496,554, 1-29-85, Cl. 514-179.000.
- Wong, Thomas S. W., to Advanced Micro Devices, Inc. Sense amplifier circuit for semiconductor memories. 4,547,685, 10-15-85, Cl. 307-530.000.
- Wong, Tony C. T., to Amerigo Technology Limited. H_3PO_4/HF Siliceous formation treating composition and method. 4,561,503, 12-31-85, Cl. 166-307.000.
- Wong, Vernon G. Eye implant for relieving glaucoma, and device and method for use therewith. 4,521,210, 6-4-85, Cl. 604-8.000.
- Wong, Victor W., to Cummins Engine Company, Inc. Method and apparatus for removing carbon particles from engine exhausts. 4,512,147, 4-23-85, Cl. 60-274.000.
- Wong, Wai C.: *See—*
  - Nash, Randy D.; and Wong, Wai C., 4,512,013, Cl. 370-69.100.
  - Steele, Raymond; Wong, Wai C.; and Xydeas, Costas S., 4,495,620, Cl. 370-118.000.
- Wong, Wan C.; and Oshima, Shigeru, to W. Haking Enterprises Limited. Electronic shutter for still cameras. 4,505,563, 3-19-85, Cl. 354-234.100.
- Wong, Wan C.; and Oshima, Shigeru, to W. Haking Enterprises Limited. Automatic slot positioning device for camera take-up spool. 4,525,048, 6-25-85, Cl. 354-173.100.
- Wong, Wan C.; and Oshima, Shigeru, to W. Haking Enterprises Limited. Still camera with pressure plate control device. 4,525,051, 6-25-85, Cl. 354-203.000.
- Wong, Wan C.: *See—*
  - Oshima, Shigeru; and Wong, Wan C., 4,529,283, Cl. 354-195.120.
- Wong, Winston W. Laminated artifical leather and method of making. 4,504,536, 3-12-85, Cl. 428-151.000.
- Wong, Wyman S. Method for encoding ideographic characters. 4,505,602, 3-19-85, Cl. 400-110.000.
- Wong, Yee-Shing: *See—*
  - Steinman, Martin; and Wong, Yee-Shing, 4,554,103, Cl. 260-239.00A.
- Wong, Yiu H.: *See—*
  - Frye, Robert C.; Griffith, Joseph E.; and Wong, Yiu H., 4,501,060, Cl. 29-576.00W.
- Wonka, Heinz-Georg: *See—*
  - Forster, Hilmar; and Wonka, Heinz-Georg, 4,497,414, Cl. 213-76.000.
- Wonn, James W.; and Osborne, Robert L., to Westinghouse Electric Corp. System for monitoring metal-to-metal contact in rotating machinery. 4,502,046, 2-26-85, Cl. 340-682.000.
- Wonnacott, Gerald, to Advanced Micro Devices, Inc. Fluorine plasma oxidation of residual sulfur species. 4,501,061, 2-26-85, Cl. 29-591.000.

Woo, Chi: *See*—
  Erhardt, Paul W.; and Woo, Chi, 4,556,668, Cl. 514-353.000.
Woo, Edmund P., to Dow Chemical Company, The. Synthesis of succinonitriles. 4,493,799, 1-15-85, Cl. 260-465.00H.
Woo, Edmund P., to Dow Chemical Company, The. Preparation of aromatic derivatives. 4,507,492, 3-26-85, Cl. 560-64.000.
Woo, Edmund P.; and Mullins, Michael J., to Dow Chemical Company, The. Polymers of 3,3-disubstituted-furandione compounds. 4,525,577, 6-25-85, Cl. 528-327.000.
Woo, Edmund P.; and Dellar, David V., to Dow Chemical Company, The. Production of polytriazines from aromatic polycyanates with cobalt salt of a carboxylic acid as catalyst. 4,528,366, 7-9-85, Cl. 528-422.000.
Woo, Edmund P., to Dow Chemical Company, The. Polyamide from bis-carboxy containing 3,5,3',5'-tetraoxo-1,2-dipiperazine compound and diamine. 4,536,564, 8-20-85, Cl. 528-341.000.
Woo, Edmund P.: *See*—
  Reierson, Robert L.; Hussey, Hugh F.; and Woo, Edmund P., 4,501,679, Cl. 252-77.000.
Woo, Ji Y., to Bendix Corporation, The. Suspension assembly for a wheel and brake. 4,500,111, 2-19-85, Cl. 280-688.000.
Woo, Yen-Kong. Fragrance impregnated fabric. 4,514,461, 4-30-85, Cl. 428-240.000.
Wood, Alfred: *See*—
  Bawa, Jaspal S.; Couto, Luis R.; Rapacki, Edward S.; Wood, Alfred; and Pobuta, Walter A., deceased, 4,549,037, Cl. 174-65.0SS.
Wood, Bernard J.; Brittain, Robert D.; and Sancier, Kenneth M., to SRI International. In situ formation of coal gasification catalysts from low cost alkali metal salts. 4,551,155, 11-5-85, Cl. 48-197.00R.
Wood, Charles D.: *See*—
  Dibrell, Edwin W.; and Wood, Charles D., 4,513,576, Cl. 62-87.000.
Wood, Charles F. Gear box assembly. 4,514,145, 4-30-85, Cl. 416-170.00R.
Wood, Charles H.; and Ury, Michael G., to Fusion Systems Corporation. Microwave generated electrodeless lamp for producing bright output. 4,507,587, 3-26-85, Cl. 315-39.000.
Wood, Charles H.: *See*—
  Matthews, John C.; Ury, Michael G.; Wood, Charles H.; and Greenblatt, Marshal, 4,532,427, Cl. 250-492.200.
  Mueller, Peter; Ury, Michael G.; and Wood, Charles H., 4,501,993, Cl. 315-248.000.
  Ury, Michael G.; Wood, Charles H.; and Ryan, Patrick J., 4,504,768, Cl. 315-248.000.
Wood, Charles L.; and Benton, Clarence E. Lathe apparatus especially for brake drums and discs. 4,506,570, 3-26-85, Cl. 82-4.00A.
Wood, Charles L., to Ball Corporation. Digital glass forming machine. 4,529,429, 7-16-85, Cl. 65-29.000.
Wood, Clayton D.; Garrou, Philip E.; Kohatsu, Iwao; and Gleason, Edward F., to Dow Chemical Company, The. Catalysts having alkoxide-modified supports. 4,559,364, 12-17-85, Cl. 518-715.000.
Wood, Darrell F.: *See*—
  Rubin, Leon J.; Diosady, Levente L.; Shahidi, Fereidoon; and Wood, Darrell F., 4,559,234, Cl. 426-250.000.
Wood, David, to Jagenberg AG. Aligning stacks of sheets. 4,494,901, 1-22-85, Cl. 414-28.000.
Wood, David B., III, to Cincinnati Milacron Inc. Anti-backlash mechanism for machine drive. 4,554,842, 11-26-85, Cl. 74-409.000.
Wood, David B., III, to Cincinnati Milacron Inc. Spindle mounting assembly with squeeze film damping. 4,560,289, 12-24-85, Cl. 384-99.000.
Wood, David B., III: *See*—
  Haas, Robert G.; Hasz, John R.; and Wood, David B., III, 4,491,044, Cl. 82-36.00A.
Wood, David C. Boat trailer. 4,519,738, 5-28-85, Cl. 414-483.000.
Wood, David D., Jr. Removeable forecab for motorcycles. 4,506,753, 3-26-85, Cl. 180-210.000.
Wood, Denis; Thomas, John F., Jr.; Dipper, Barry; Stegenga, Philip D.; Veltkamp, John H.; Katsma, William L.; and Norton, Robert L., to Donnelly Corporation. Rearview mirror support bracket. 4,524,941, 6-25-85, Cl. 248-544.000.
Wood, Donald C.: *See*—
  Wood, Donald L.; and Wood, Donald C., 4,561,933, Cl. 162-5.000.
Wood, Donald L.; and Wood, Donald C., to Shell Oil Company. Xerographics deinking. 4,561,933, 12-31-85, Cl. 162-5.000.
Wood, Douglas E. Support carriage for a solar concentrator. 4,491,388, 1-1-85, Cl. 350-636.000.
Wood, E. Wayne. Boat trailer wide guide self centering device. 4,529,217, 7-16-85, Cl. 280-414.100.
Wood, Edgar A., to Union Carbide Corporation. Metering device. 4,545,513, 10-8-85, Cl. 222-632.000.
Wood, Edward T., to Completion Tool Company. Inflatable well bore packer with pressure equalized rib cavity. 4,492,383, 1-8-85, Cl. 277-34.000.
Wood, Edward T.; and Sodich, Ernest O., to Completion Tool Company. Packer valve arrangement. 4,527,625, 7-9-85, Cl. 166-187.000.
Wood, Godfrey A.: *See*—
  Arther, Hugh M.; Preston, Edward G.; Stewart, David B.; and Wood, Godfrey A., 4,528,050, Cl. 156-62.400.
  Dyett, Derek H.; Wood, Godfrey A.; and Seim, Albert D., II, 4,499,910, Cl. 131-95.000.
Wood, Grace; Duce, Benjamin R.; Pelham, Russell W.; and Woiszwillo, James, to Serono Pharmaceutical Partners. Lyophilized compositions, preparation and use thereof. 4,540,410, 9-10-85, Cl. 604-56.000.
Wood, Harold L., to Repco Limited. Torque wrench. 4,561,332, 12-31-85, Cl. 81-479.000.
Wood, Harold V.: *See*—
  Walker, John H.; and Wood, Harold V., 4,544,701, Cl. 524-609.000.
Wood, Irwin B., to American Cyanamid Company. Controlling nematodes in animals and soil with nematocidal antibiotics. 4,510,134, 4-9-85, Cl. 514-27.000.
Wood, Jack E.: *See*—
  Liverance, Howard G.; and Wood, Jack E., 4,533,119, Cl. 254-344.000.
Wood, James A.; and Mazur, Richard J., to American Standard Inc. Rate polarity shift wheel-slip control system. 4,491,920, 1-1-85, Cl. 364-426.000.
Wood, James C.: *See*—
  Langmesser, Otto J., Jr.; Lock, Charles R.; and Wood, James C., 4,556,186, Cl. 248-429.000.
Wood, James G., to Sunpower, Inc. Drive linkage for Stirling cycle and other machines. 4,546,663, 10-15-85, Cl. 74-40.000.
Wood, James G.: *See*—
  Chagnot, Bruce J.; and Wood, James G., 4,553,392, Cl. 60-517.000.
Wood, James R., to World Color Press, Inc. Machine and process for stacking and bundling flexible sheet material. 4,531,343, 7-30-85, Cl. 53-399.000.
Wood, John; and Dominey, Raymond J., to De La Rue Systems Limited. Cash dispensing apparatus. 4,511,795, 4-16-85, Cl. 235-379.000.
Wood, John; Tinson, Christopher M.; and Jenkins, Stuart M., to De La Rue Systems Limited. Sheet feeding apparatus. 4,516,899, 5-14-85, Cl. 414-330.000.
Wood, John: *See*—
  Glasson, Peter; and Wood, John, 4,552,075, Cl. 109-52.000.
Wood, John C.: *See*—
  Kent, Garnet J.; and Wood, John C., 4,516,267, Cl. 383-22.000.
  Kirkman, David H.; Lowe, Anthony C.; Wood, John C.; and Golledge, Ian, 4,545,650, Cl. 350-357.000.
Wood, John F.; and Van Dyke, Mark, to Hofmann Corporation Automotive Service Equipment. Free spinning electronic wheel balancer. 4,502,328, 3-5-85, Cl. 73-462.000.
Wood, John F. B., to Hazelett Strip-Casting Corporation. Methods for shaping the casting region in a twin-belt continuous casting machine for improving heat transfer and product uniformity and enhanced machine performance. 4,552,201, 11-12-85, Cl. 164-481.000.
Wood, John F. B.: *See*—
  Hazelett, Robert W.; and Wood, John F. B., 4,537,243, Cl. 164-481.000.
Wood, Jonathan R., to Data General Corporation. Pulse width modulator having nonlinear transfer function. 4,532,435, 7-30-85, Cl. 307-265.000.
Wood, Joseph A.; and Peebles, William C., Jr., to Flanders Filters, Inc. Air flow control apparatus. 4,535,811, 8-20-85, Cl. 137-601.000.
Wood, Kenneth E. Animal pens. 4,513,691, 4-30-85, Cl. 119-99.000.
Wood, Kenneth G. Combined pressurized air solar heat sensing head assembly and a pressurized water drive system used to move solar energy collectors in tracking the sun. 4,542,737, 9-24-85, Cl. 126-425.000.
Wood, Kenneth L.; and Kovac, Emil C., to Republic Steel Corporation. Nestable container for parts storage. 4,534,466, 8-13-85, Cl. 206-518.000.
Wood, Kenneth O.: *See*—
  Logan, David J.; Wood, Kenneth O.; Gordon, Thomas A.; and Ladue, John E., 4,547,786, Cl. 346-140.00R.
Wood, Kenneth W.: *See*—
  Bolt, William S.; and Wood, Kenneth W., 4,527,694, Cl. 211-46.000.
Wood, Lindley S.: *See*—
  Williams, Earl P.; and Wood, Lindley S., 4,514,271, Cl. 204-159.150.
Wood, Lowell T.: *See*—
  Hall, Robert L.; and Wood, Lowell T., 4,524,436, Cl. 367-169.000.
Wood Manufacturing Co., Inc.: *See*—
  Stone, Wayne B., Jr., 4,526,797, Cl. 426-520.000.
  Stone, Wayne B., Jr., 4,550,027, Cl. 426-433.000.
Wood, Obert R., II: *See*—
  Macklin, John J.; Silfvast, William T.; and Wood, Obert R., II, 4,498,182, Cl. 372-62.000.
  Macklin, John J.; Silfvast, William T.; and Wood, Obert R., II, 4,504,955, Cl. 372-76.000.
Wood, Peter N., to International Rectifier Corporation. Transformer-isolated power MOSFET driver circuit. 4,511,815, 4-16-85, Cl. 307-584.000.
Wood, Philip S.: *See*—
  Clark, Stephen D.; Wood, Philip S.; and Fell, Peter J., 4,493,451, Cl. 228-119.000.
Wood, Prentice J., to Mead Corporation, The. Basket-style article carrier with medial separator. 4,493,415, 1-15-85, Cl. 206-175.000.
Wood, Prentice J., to Mead Corporation, The. Integral carrying handle for a can carton. 4,558,816, 12-17-85, Cl. 229-52.00B.
Wood, Ralph T.: *See*—
  Dietz, Peter W.; and Wood, Ralph T., 4,499,118, Cl. 427-28.000.
Wood, Richard B.: *See*—
  Shipp, Kenneth O., Jr.; Wood, Richard B.; and Repass, James T., 4,506,343, Cl. 364-900.000.
Wood, Robert F., Jr.; Monahan, John F.; and Levine, Peter A., to RCA Corporation. Dark current measurement and control for cameras having field-transfer CCD imagers. 4,525,743, 6-25-85, Cl. 358-213.000.
Wood, Robert J., to Stepan Chemical Company. Compatibilized aromatic polyester polyols. 4,529,744, 7-16-85, Cl. 521-131.000.
Wood, Robert S., to Plessey Overseas Limited. Pressure loaded gear pump. 4,518,331, 5-21-85, Cl. 418-132.000.

- Wood, Robin: *See—*
  - Brittain, David R.; and Wood, Robin, 4,503,066, Cl. 514-409.000.
  - Brittain, David R.; and Wood, Robin, 4,523,021, Cl. 548-410.000.
  - Brittain, David R.; Brown, David; and Wood, Robin, 4,539,329, Cl. 514-389.000.
  - Brittain, David R.; and Wood, Robin, 4,544,662, Cl. 514-374.000.
- Wood, Roger W.; and Matson, Charles L., to Ampex Corporation. Encoder verifier. 4,527,269, 7-2-85, Cl. 371-3.000.
- Wood, Roger W., to Ampex Corporation. Parity and syndrome generation for error detection and correction in digital communication systems. 4,555,784, 11-26-85, Cl. 371-37.000.
- Wood, Ronald C., Jr.: *See—*
  - Gust, Lawrence J.; O'Sullivan, Eileen F.; and Wood, Ronald C., Jr., 4,533,509, Cl. 264-171.000.
- Wood, Roy W.: *See—*
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,508,183, Cl. 175-69.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,515,229, Cl. 175-337.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,540,055, Cl. 175-323.000.
  - Drummond, Donald D.; Johnsey, Walter F.; and Wood, Roy W., 4,541,494, Cl. 175-228.000.
- Wood, Sarah W., to Bactex Corporation. Method of enhancement of piliated phase of Bordetella bronchiseptica. 4,562,070, 12-31-85. Cl. 424-92.000.
- Wood, Steven G.: *See—*
  - Markley, Lowell D.; Tong, Yulan C.; and Wood, Steven G., 4,505,929, Cl. 514-520.000.
- Wood, Terry G., to Allis-Chalmers Corporation. Attachment for exhaust pipe. 4,503,680, 3-12-85, Cl. 60-605.000.
- Wood, Thomas G., to E. R. Squibb & Sons, Inc. Apparatus for detecting defects in capsule shells. 4,501,494, 2-26-85, Cl. 356-240.000.
- Wood, Thomas H.: *See—*
  - Chemla, Daniel S.; Damen, Theodoor C.; Gossard, Arthur C.; Miller, David A. B.; and Wood, Thomas H., 4,525,687, Cl. 332-7.510.
- Wood-Tics Inc.: *See—*
  - Henderson, Janet M.; Andrews, Michael F.; and Houghton, Daniel A., 4,530,061, Cl. 364-475.000.
- Woodall, James C., to Mark Products Incorporated. Leakage testing cable connector network. 4,525,814, 6-25-85, Cl. 367-20.000.
- Woodall, Jerry M.: *See—*
  - Binnig, Gerd K.; Feenstra, Randall M.; Hodgson, Rodney T.; Rohrer, Heinrich; and Woodall, Jerry M., 4,550,257, Cl. 250-492.200.
  - Chappell, Barbara A.; Chappell, Terry I.; and Woodall, Jerry M., 4,533,940, Cl. 358-44.000.
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  - Chappell, Terry I.; Jackson, Thomas N.; and Woodall, Jerry M., 4,525,731, Cl. 357-12.000.
  - Jackson, Thomas N.; and Woodall, Jerry M., 4,532,533, Cl. 357-16.000.
  - Jackson, Thomas N.; Kirchner, Peter D.; Pettit, George D.; Rosenberg, James J.; Woodall, Jerry M.; and Wright, Steven L., 4,550,047, Cl. 428-136.000.
- Woodall, Jerry M. P.: *See—*
  - Dumke, William P.; and Woodall, Jerry M. P., 4,518,979, Cl. 357-30.000.
- Woodard, Dudley H.; and Ebert, Lynn J. Controlling distortion in processed copper beryllium alloys. 4,541,875, 9-17-85, Cl. 148-11.50C.
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- Woodard, Kenneth E., Jr.; and Dotson, Ronald L., to Olin Corporation. Electrodes for electrolytic cells. 4,534,846, 8-13-85, Cl. 204-290.00R.
- Woodard, Kenneth E., Jr.: *See—*
  - Fair, David L.; Justice, David D.; and Woodard, Kenneth E., Jr., 4,528,077, Cl. 204-95.000.
  - Ford, James M.; Dean, Robert A.; Woodard, Kenneth E., Jr.; and Branco, Antonio, 4,500,379, Cl. 156-172.000.
- Woodard, Ollie C.: *See—*
  - Mauer, John L., IV; Michail, Michel S.; and Woodard, Ollie C., 4,494,004, Cl. 250-492.200.
- Woodard, Robert W., to Outboard Marine Corporation. Exhaust port bridge relief hole. 4,557,227, 12-10-85, Cl. 123-65.0PE.
- Woodard, Scott S., to Monsanto Company. Process for producing 1,1,2,3-tetrachloropropene. 4,535,194, 8-13-85, Cl. 570-236.000.
- Woodard, Tony O.: *See—*
  - Stearley, John W.; and Woodard, Tony O., 4,520,334, Cl. 335-186.000.
- Woodbrey, James C., to Monsanto Company. Thermoplastic polyamide compositions. 4,501,861, 2-26-85, Cl. 525-421.000.
- Woodbrey, James C.; Moncur, Marlowe V.; and Hedrick, Ross M., to Monsanto Company. Compositions of nylon and elastomers. 4,546,147, 10-8-85, Cl. 525-183.000.
- Woodbridge, J. Eliot; Bulbenko, George F.; and Marshall, J. John, to Electro-Nucleonics, Inc. β-Amylase determination. 4,550,077, 10-29-85, Cl. 435-22.000.
- Woodbridge, Keith W., to SKF (U.K.) Limited. Rolling bearing assemblies fitted with seals. 4,533,265, 8-6-85, Cl. 384-477.000.
- Woodbridge, Keith W.; and Hjertzen, Derrick G., to SKF (U.K.) Limited. Seals for bearings. 4,541,741, 9-17-85, Cl. 384-482.000.
- Woodbridge, Samuel A. Transmission systems for vehicles. 4,557,359, 12-10-85, Cl. 192-43.000.
- Woodbury, Richard P.: *See—*
  - Valdiserri, Leo L.; and Woodbury, Richard P., 4,546,180, Cl. 544-214.000.
- Woodcock, Brian: *See—*
  - Penny, Michael F.; Woodcock, Brian; Abbot, Ralph H.; Phillips, David M.; and Spaans, Leendert B., 4,518,254, Cl. 356-5.000.
- Woodcock, Sidney H.; Maes, Michel E.; and Steimel, Ronald W., to Detonics Pistol Accessories Ltd. Shock-absorbing recoil mechanism. 4,522,107, 6-11-85, Cl. 89-196.000.
- Woodcock, Stewart J.: *See—*
  - Dolan, Courtney F.; and Woodcock, Stewart J., 4,519,265, Cl. 74-443.000.
- Wooden, Billy J.: *See—*
  - Corsover, William L.; Hoffman, Kenneth P.; McCann, William F.; and Wooden, Billy J., 4,533,278, Cl. 404-65.000.
- Woodfill, Arthur J.: *See—*
  - Scott, Lewis A.; Gibson, Duane M.; and Woodfill, Arthur J., 4,497,232, Cl. 83-831.000.
- Woodfill, Ronald C. Pressure measuring device for bottles. 4,515,019, 5-7-85, Cl. 73-756.000.
- Woodford Manufacturing Company: *See—*
  - Fillman, Russell E., 4,532,954, Cl. 137-302.000.
  - Srajer, Reinhard, 4,554,768, Cl. 52-173.0DS.
- Woodhall, Donna M.: *See—*
  - Wise, Daniel J.; and Woodhall, Donna M., 4,537,815, Cl. 428-219.000.
- Woodhead, David A.: *See—*
  - Bodolus, Christopher L.; and Woodhead, David A., 4,542,189, Cl. 525-285.000.
  - Shyu, Wen B.; Woodhead, David A.; and Quigley, Vincent P., 4,552,921, Cl. 525-96.000.
- Woodhead Industries, Inc.: *See—*
  - Baggio, Horacio; Eckart, George R.; and DeBeradinis, Louis A., 4,546,418, Cl. 362-85.000.
- Woodhead, James L.; Scott, Keith T.; and Wilcockson, Alan, to United Kingdom Atomic Energy Authority. Materials. 4,548,832, 10-22-85, Cl. 427-34.000.
- Woodhouse, John J.: *See—*
  - David, Stan A.; and Woodhouse, John J., 4,499,758, Cl. 73-159.000.
- Woodhouse, John L., to Lucas Industries Limited. Electric storage batteries. 4,560,629, 12-24-85, Cl. 429-184.000.
- Woodhull, Ivan D., Jr.; and Liedel, Thomas H., to Karmazin Products Corporation. Method of constructing headers of heat exchangers. 4,509,672, 4-9-85, Cl. 228-175.000.
- Woodhull, William M. Energy transducer for hydraulic wind power conversion system and instrumentation therefor. 4,515,529, 5-7-85, Cl. 417-63.000.
- Wooding: *See—*
  - Wooding, Patrick J., 4,498,610, Cl. 222-592.000.
  - Wooding, Patrick J., 4,534,177, Cl. 62-64.000.
- Wooding, Michael S.: *See—*
  - Fletcher, James; and Wooding, Michael S., 4,506,848, Cl. 244-12.400.
- Wooding, Patrick J., to Wooding. Ultrahigh velocity water-cooled copper taphole. 4,498,610, 2-12-85, Cl. 222-592.000.
- Wooding, Patrick J., to Wooding. Ultrahigh velocity water-cooled copper spinner. 4,534,177, 8-13-85, Cl. 62-64.000.
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- Woodland, Carl R., to Dayco Corporation. Endless power transmission belt having a toothed compression section and method of making the same. 4,509,938, 4-9-85, Cl. 474-264.000.
- Woodlawn Iron Works, Inc.: *See—*
  - Read, Owen R., 4,557,515, Cl. 294-67.220.
- Woodley, George M., to King Instrument Corporation. Tape loading machine. 4,497,454, 2-5-85, Cl. 242-56.00R.
- Woodley, Michael J. A.: *See—*
  - Vance, Ian A. W.; Jeffrey, Colin; Bidwell, Brian A.; Leevers, David F. A.; and Woodley, Michael J. A., 4,506,262, Cl. 340-825.440.
- Woodnutt, John P., to Delmatic Limited. Lighting control system. 4,508,997, 4-2-85, Cl. 315-360.000.
- Woodroof, E. Aubrey; and Yang, Philip S., to Shiley Incorporated. Tubular prostheses prepared from pericardial tissue. 4,502,159, 3-5-85, Cl. 3-1.400.
- Woodrow, Harold E., to Morgan Construction Company. Apparatus for bending a rolling mill laying pipe. 4,497,190, 2-5-85, Cl. 72-133.000.
- Woodrow, Harold E.; and Smola, Raymond L., to Morgan Construction Company. Single strand block-type rolling mill. 4,537,055, 8-27-85, Cl. 72-235.000.
- Woodruff, Frank; Ferguson, John H., Jr.; and Hoffman, John R., to Bendix Corporation, The. Integrated hydraulic control circuit for jet engine thrust reverser and variable exhaust nozzle. 4,505,108, 3-19-85, Cl. 60-327.000.
- Woodruff, Frank, to Allied Corporation. Freewheel unit. 4,558,770, 12-17-85, Cl. 192-48.600.
- Woodruff, Frederick W.; Hughey, Daniel C.; and Smart, William L., to Ransburg Corporation. Ground assurance circuit. 4,506,260, 3-19-85, Cl. 340-649.000.
- Woodruff, Richard E.; and Silliker, John H., to TransFRESH Corporation. Process and composition for producing and maintaining good color in fresh meat, fresh poultry and fresh fish. 4,522,835, 6-11-85, Cl. 426-264.000.

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Woodruff, Roger D., to Champion Corporation. Latch for securing reel carrying spindles to a loading and unloading mechanism. 4,511,304, 4-16-85, Cl. 414-546.000.

Woodruff, Roger D., to Champion Corporation. Cable-guiding apparatus. 4,529,171, 7-16-85, Cl. 254-134.3FT.

Woodruff, Seth D. Valve for control of fluid flow. 4,519,908, 5-28-85, Cl. 210-287.000.

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Woods, Billy E. Fitting for dual submersible pumps. 4,548,263, 10-22-85, Cl. 166-105.000.

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Harris, Stephen J.; McKervey, M. Anthony; Melody, David P.; Woods, John; and Rooney, John M., 4,556,700, Cl. 526-209.000.

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Woods, Lee O., to General Electric Company. Electric circuit controlling device and method of operating. 4,532,389, 7-30-85, Cl. 200-83.00P.

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Woods, Richard E.; and Bradburn, Marvin D., to Car-Go, Corp. Vehicle compactor. 4,503,763, 3-12-85, Cl. 100-35.000.

Woods, Richard E.; and Bradburn, Marvin D., to Car-Go, Corp. Vehicle compactor. 4,510,858, 4-16-85, Cl. 100-35.000.

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Woods, Robert W.: *See—*

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Woods, William D.; and Pigman, John H., to International Design Corporation. Drafting tool. 4,490,921, 1-1-85, Cl. 33-476.000.

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Woodson, Wayne D., to CL Industries, Inc. Curable epoxy resin compositions and use in preparing formed, shaped, filled bodies. 4,518,723, 5-21-85, Cl. 523-466.000.

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Woodward, Donald W.; Katsaros, Arthur T.; and Rowles, Howard C., to Air Products and Chemicals, Inc. Dual dephlegmator process to separate and purify syngas mixtures. 4,525,187, 6-25-85, Cl. 62-31.000.

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Gosteli, Jacques; Ernest, Ivan; and Woodward, Robert B., 4,518,533, Cl. 260-245.400.

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- Woolley, Warren H.; Lama, William L.; Rees, James D.; and Durbin, John A., to Xerox Corporation. Full-frame short focal length imaging system. 4,557,581, 12-10-85, Cl. 355-1.000.
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- Woolsey, Brian J.: *See—*
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- Wooten, Thomas P., to International Playtex, Inc. Adjustable brassiere. 4,530,361, 7-23-85, Cl. 128-483.000.
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- Workman, Eleanor. Flexible insulated container. 4,537,313, 8-27-85, Cl. 206-545.000.
- Workman, Robert G.: *See—*
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- Workman, William, Jr., to Cooper Industries, Inc. Shut-off device for a fluid driven motor. 4,492,146, 1-8-85, Cl. 91-29.000.
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- World, Victor B. Method of obtaining greater lifetime duration from chemiluminescent systems. 4,508,642, 4-2-85, Cl. 252-700.000.
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- Worldwide Converting Machinery, Inc.: *See—*
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- Worm, Manfred: *See—*
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- Wormald Fire Systems, Inc.: *See—*
  - Miller, Walter G.; Mace, Michel; and Zitterbart, George, 4,520,871, Cl. 169-43.000.
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- Wormsbacher, Wilfried: *See—*
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- Wormser, Alex F., to Wormser Engineering, Inc. Fluidized bed fuel burning. 4,499,857, 2-19-85, Cl. 122-4.00D.
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- Wormser, Robert S.; and Barton, Bruce C., to Federal Motors, Inc. Counterweighted aerial trailer. 4,540,095, 9-10-85, Cl. 212-187.000.
- Worner, Gunter; Kosik, Franz; and Gosele, Hartmut, to Daimler-Benz Aktiengesellschaft. Installation for damping vibrations in the drive train of a motor vehicle. 4,516,955, 5-14-85, Cl. 464-89.000.
- Worner, Lothar: *See—*
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- Worns, John R., to Uniroyal, Inc. Photosensitive elastomeric polymer composition for flexographic printing plates - processable in semi-aqueous basic solution or solvent systems. 4,517,279, 5-14-85, Cl. 430-286.000.
- Worns, John R.; Chase, James W.; and Capriotti, Bruce W., to Uniroyal, Inc. Compressible photopolymer printing plate. 4,547,453, 10-15-85, Cl. 430-271.000.
- Worrall, George F.: *See—*
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- Worrall, James D.; and Tefft, Ronald E., to Engineered Yarns, Inc. Ionomer-coated yarns and their use in papermakers wet press felts. 4,520,059, 5-28-85, Cl. 428-109.000.
- Worrallo, Anthony C. Display and shelf support bracket and the like. 4,548,378, 10-22-85, Cl. 248-558.000.
- Worsely, Paul A., to Suburban Welders Supply Co., Inc. Automatic welding control system with selectable pairs of alternate output terminals. 4,491,720, 1-1-85, Cl. 219-136.000.
- Worstell, Bernard W.: *See—*
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- Wortel, Theodorus M., to Exxon Research & Engineering Co. Zeolite L with cylindrical morphology. 4,544,539, 10-1-85, Cl. 423-328.000.
- Worth, Charles C.; and Young, John N., to Charles C. Worth Corporation. Fishing reel with delayed action brake. 4,535,954, 8-20-85, Cl. 242-84.52B.
- Worth, Donald F.: *See—*
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- Worth, Sidney V., to Continental-Wirt Electronics Corp. Conductive shielding housing for flat cable connector. 4,537,458, 8-27-85, Cl. 339-143.00R.
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- Worthington, Paul A., to Imperial Chemical Industries PLC. 1,3-Bis(-triazolyl)propan-2-one. 4,523,019, 6-11-85, Cl. 548-262.000.
- Worthington, Paul A.: *See—*
  - Marchington, Anthony F.; Lewis, Timothy; Clough, John M.; Worthington, Paul A.; and Dalziel, John, 4,518,415, Cl. 71-92.000.
  - Parry, Keith P.; Worthington, Paul A.; and Rathmell, William G., 4,551,469, Cl. 514-383.000.
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- Worthington, Roy. Collapsible tea cart. 4,522,130, 6-11-85, Cl. 108-159.000.
- Worthington, Samuel M.: *See—*
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- Worthington, Thomas K.: *See—*
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- Worwood, Bryan H.; and Stallard, Paul, to Pall Corporation. Magnetic differential pressure valve with an indicator showing when valve has opened or closed. 4,498,495, 2-12-85, Cl. 137-557.000.
- Worz, Paul: *See—*
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- Worzeck, Jonny: *See—*
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Woyke, John F. Method and apparatus for absorption refrigeration. 4,513,584, 4-30-85, Cl. 62-235.100.
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Wright, Raymond L., to Eastern Company, The. Combined resin-mechanical mine roof support anchor. 4,516,886, 5-14-85, Cl. 405-261.000.
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  Stentz, Frankie B.; Wright, Reba K.; and Kitabchi, Abbas E., 4,528,134, Cl. 260-112.700.
Wright, Richard A.: *See—*
  Horn, Stuart B.; Wright, Richard A.; and Dunmire, Howard L., 4,534,176, Cl. 62-6.000.
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  Adair, Paul C.; Duda, Homer G.; Burkholder, Amy L.; Wright, Richard F.; and Stanley, Mary M., 4,507,381, Cl. 430-246.000.
  Arney, Jonathan S.; and Wright, Richard F., 4,533,615, Cl. 430-138.000.
Wright, Robert B., to B. F. Goodrich Company, The. Inflatable hot tub with cover. 4,535,490, 8-20-85, Cl. 4-585.000.
Wright, Robert C.: *See—*
  Guilmette, Joseph G.; and Wright, Robert C., 4,551,197, Cl. 156-642.000.
Wright, Robert L. Portable softball pitching mound. 4,561,653, 12-31-85, Cl. 273-25.000.
Wright, Robert L.: *See—*
  Ball, Cyril T.; Tourle, Peter; and Wright, Robert L., 4,558,257, Cl. 315-5.380.
  Rodriguez, Alfonzo S., Jr.; and Anderson, Jeffrey A., 4,533,138, Cl. 273-26.00R.
Wright, Robin E., to Minnesota Mining and Manufacturing Company. Radiation-sensitive compositions of polymers containing a π-metal carbonyl complex of conjugated polyolefin. 4,503,140, 3-5-85, Cl. 430-289.000.
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Wright, Roy F., to Phillips Petroleum Company. Stabilizing melt crystallization temperature in arylene sulfide polymer heat treatment. 4,501,713, 2-26-85, Cl. 264-176.00R.
Wright, Roy F., to Phillips Petroleum Company. Poly(arylene sulfide) composition containing an ethylene polymer. 4,544,700, 10-1-85, Cl. 524-543.000.
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Petrofsky, Jerrold S.; Glaser, Roger M.; Phillips, Chandler A.; and Petrofsky, Steven H., 4,492,233, Cl. 128-421.000.
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Petrofsky, Jerrold S., 4,558,704, Cl. 128-423.00R.
Wright, Steven L.: *See—*
Jackson, Thomas N.; Kirchner, Peter D.; Pettit, George D.; Rosenberg, James J.; Woodall, Jerry M.; and Wright, Steven L., 4,550,047, Cl. 428-136.000.
Wright, Stuart C.: *See—*
Fischer, William C.; Adams, Don L.; Wright, Stuart C.; Verzella, David J.; and Sivigny, Arthur L., 4,528,628, Cl. 364-424.000.
Wright, Terry L., to Dow Chemical Company, The. Antiallergic (1H-tetrazol-5-yl)tetrazolo[1,5-a]quinolines and derivatives thereof. 4,496,569, 1-29-85, Cl. 514-311.000.
Wright, Terry L., to Dow Chemical Company, The. Preparation of 2-chloro-3-cyano-quinolines. 4,540,786, 9-10-85, Cl. 546-162.000.
Wright, Thomas C.; and Ober, Stephen H., to EMPI, Inc. NMS Aided continuous passive motion apparatus. 4,520,827, 6-4-85, Cl. 128-423.00W.
Wright, Thomas J.: *See—*
Sillivent, Bob; and Sillivent, Clifford, 4,520,917, Cl. 198-499.000.
Wright, Wade S.: *See—*
McClelland, John R.; Wright, Wade S.; Diamond, Edward P.; Pryor, Leroy C.; and Olson, Douglas R., 4,504,957, Cl. 373-130.000.
Wright, William B.; and Pidcock, Anthony, to Rolls-Royce Limited. Mounting combustion chambers. 4,525,996, 7-2-85, Cl. 60-39.310.
Wright, William B., Jr.; Press, Jeffery B.; and Tomcufcik, Andrew S., to American Cyanamid Company. Substituted N-[(1H-1,2,4-triazol-1-yl)-alkyl]heteroarylcarboxamides. 4,542,145, 9-17-85, Cl. 514-383.000.
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Wright, William H.; and Kruse, John M., to C.W. Zumbiel Co., The. Method of erecting a compliance carrier. 4,505,696, 3-19-85, Cl. 493-130.000.
Wright, William H. Bench for automotive vehicle body shops. 4,542,636, 9-24-85, Cl. 72-305.000.
Wright, William S., Jr., to Pacific Scientific Company. System for monitoring snubber loads. 4,550,589, 11-5-85, Cl. 73-11.000.
Wrightcel Limited: *See—*
Brunswick, Robert, 4,519,184, Cl. 53-503.000.
Wrighton, Mark S.; Buchanan, Robert M.; and Calabrese, Gary S., to Massachusetts Institute of Technology. Production of hydrogen peroxide. 4,533,443, 8-6-85, Cl. 204-84.000.
Wrigley, Robert A., to Detroit Marine Engineering, Inc. Adjustable boat seat. 4,544,199, 10-1-85, Cl. 297-244.000.
Wrinkle, Rodney P., to Fitness Products, Inc. Exercise bar. 4,531,729, 7-30-85, Cl. 272-123.000.
Wristers, Harry J., to Exxon Research & Engineering Co. Titanium trichloride catalyst component and the process for the production thereof. 4,543,400, 9-24-85, Cl. 526-119.000.
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Wrobel, James: *See—*
McClanahan, John B.; LaVoie, Marvin E.; Kelsoe, Wayne E.; and Wrobel, James, 4,510,482, Cl. 338-24.000.
Wrobel, Joseph J.: *See—*
Gupta, Mool C.; Wrobel, Joseph J.; and Strome, Forrest C., Jr., 4,527,173, Cl. 346-135.100.
Gupta, Mool C.; Wrobel, Joseph J.; and Howe, Dennis G., 4,538,159, Cl. 346-135.100.
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Cooke, Bernard; and Wrobel, Peter, 4,497,916, Cl. 523-176.000.
Wrobel, Stanley A.; and Ashton, Robert G., to Dwyer Instruments, Inc. Thermal anemometer. 4,537,068, 8-27-85, Cl. 73-202.000.
Wroble, Arthur J., to Ex-Cell-O Corporation. Remote control system. 4,501,188, 2-26-85, Cl. 89-41.00M.
Wrobleski, James T., to Monsanto Company. Process for producing maleic anhydride. 4,515,973, 5-7-85, Cl. 549-259.000.
Wrobleski, James T., to Monsanto Company. Process for preparing phosphorus-vanadium mixed oxide catalysts. 4,528,280, 7-9-85, Cl. 502-209.000.
Wrobleski, James T.; Edwards, James W.; Graham, Charles R.; Keppel, Robert A.; and Raffelson, Harold, to Monsanto Company. Catalysts for the production of maleic anhydride. 4,560,674, 12-24-85, Cl. 502-209.000.
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Wronka, Bodo: *See—*
Schnitzer, Heinrich; and Wronka, Bodo, 4,523,747, Cl. 266-44.000.
Wronski, Christopher: *See—*
Deckman, Harry W.; Witzke, Horst; and Wronski, Christopher, 4,497,974, Cl. 136-259.000.
Deckman, Harry W.; Witzke, Horst; Wronski, Christopher; and Yablonovitch, Eli, 4,554,727, Cl. 29-572.000.
Wronski, Stanislaw: *See—*
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Wronski, Steve; Albright, John E.; and Carlson, Jeffrey J., to Sperry Corporation. Broken drill bit detector. 4,502,823, 3-5-85, Cl. 409-134.000.
Wruk, Philip J.: *See—*
Bardsley, Robert F.; Finucane, Thomas P.; Hebel, Carl; Schoonmaker, Charles D.; Wruk, Philip J.; and Lee, Edward P., deceased, 4,524,078, Cl. 426-112.000.
Wruk, Thomas J., to Warner Electric Brake & Clutch Company. Electromagnetic brake with improved armature mounting. 4,515,251, 5-7-85, Cl. 188-171.000.
Wrulich, Herwig; Schetina, Otto; Siebenhofer, Gottfried; and Maier, Wilfried, to Voest-Alpine Aktiengesellschaft. Apparatus for cutting rock. 4,555,143, 11-26-85, Cl. 299-81.000.
Wrulich, Herwig: *See—*
Zitz, Alfred; Schetina, Otto; and Wrulich, Herwig, 4,506,932, Cl. 299-1.000.
Zitz, Alfred; Schetina, Otto; and Wrulich, Herwig, 4,537,447, Cl. 299-1.000.
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Kehr, Clifton L.; Wszolek, Walter R.; and Marans, Nelson S., 4,510,097, Cl. 260-453.00A.
W^2 Vehicle Design and Development, Inc.: *See—*
Wiener, David M., 4,501,934, Cl. 179-146.00E.
Wiener, David M., 4,548,421, Cl. 280-281.0LP.
Wu, Anthony W.: *See—*
Baise, Arnold I.; and Wu, Anthony W., 4,507,333, Cl. 427-82.000.
Wu, Chialin: *See—*
Goldstein, Richard M.; Caro, Edward R.; and Wu, Chialin, 4,551,724, Cl. 343-5.0CM.
Wu, Chung P., to RCA Corporation. Alloying of aluminum metallization. 4,525,221, 6-25-85, Cl. 148-1.500.
Wu, Chung P.; and Kolondra, Frank, to RCA Corporation. Method and apparatus for implantation of doubly-charged ions. 4,560,879, 12-24-85, Cl. 250-492.200.
Wu, Chung P.: *See—*
Schnable, George L.; and Wu, Chung P., 4,502,206, Cl. 29-576.00B.
Wu, Chyi-Ying. Collapsible storage box for floppy disk. 4,538,730, 9-3-85, Cl. 206-444.000.
Wu, Dan T.; and Korte, Kevin R., to Brown & Williamson Tobacco Corporation. Pneumatic conveying tobacco drying apparatus. 4,494,556, 1-22-85, Cl. 131-302.000.
Wu, Dan T.: *See—*
Korte, Kevin R.; and Wu, Dan T., 4,528,994, Cl. 131-296.000.
Wu, Edwin S., to Pennwalt Corporation. Antihypertensive chromonoxypropanolamines. 4,495,198, 1-22-85, Cl. 514-456.000.
Wu, Edwin S., to Pennwalt Corporation. Isoflavones useful as anti-inflammatory agents. 4,501,755, 2-26-85, Cl. 514-456.000.
Wu, Jeng-Shyong. Receiving means adapted for a push-in type lamp socket. 4,491,380, 1-1-85, Cl. 339-105.000.
Wu, Jenn-Ming; Cannon, Warren R.; and Panzera, Carlino, to Johnson & Johnson Dental Products Company. Castable glass-ceramic composition useful as dental restorative. 4,515,634, 5-7-85, Cl. 106-35.000.
Wu, Jiun-Tsong. Memory device. 4,532,608, 7-30-85, Cl. 365-127.000.
Wu, Joseph M.: *See—*
Suhadolnik, Robert J.; Wu, Joseph M.; Doetsch, Paul; and Henderson, Earl E., 4,539,313, Cl. 514-47.000.
Wu, Kent K., to Henry Ford Hospital. Vertebral body prosthesis and spine stabilizing method. 4,553,273, 11-19-85, Cl. 623-18.000.
Wu, Kent K., to Henry Ford Hospital. Surgical method and apparatus for inserting wire into the spine. 4,557,259, 12-10-85, Cl. 128-92.00E.
Wu, Kent K., to Henry Ford Hospital. Method and apparatus for setting fractures. 4,558,697, 12-17-85, Cl. 128-303.00R.
Wu, Leon L.: *See—*
Feinberg, Irving, Wu, Leon L.; and Yuan, Leo, 4,553,050, Cl. 307-443.000.
Kraus, Charles J.; Stoller, Herbert I.; and Wu, Leon L., 4,535,388, Cl. 361-414.000.
Wu, Lung-chi; and Bretzloff, Carl W., to Campbell Soup Company. Mushroom supplement containing protein and a time delay coating. 4,534,781, 8-13-85, Cl. 71-5.000.
Wu, Lung-ming: *See—*
Johnson, Ronald E.; Rajnik, Lawrence S.; and Wu, Lung-ming, 4,532,175, Cl. 428-220.000.
Wu, Ming N.: *See—*
Okuda, Toshio, 4,542,758, Cl. 135-25.00R.
Wu, Mu T.: *See—*
Patchett, Arthur A.; and Wu, Mu T., 4,512,979, Cl. 514-2.000.
Patchett, Arthur A.; and Wu, Mu T., 4,555,502, Cl. 514-19.000.
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Wu, Mu-Yen M.; and Ball, Lawrence E., to Standard Oil Company, The. Block copolymers for enhanced oil recovery. 4,540,498, 9-10-85, Cl. 252-8.55D.
Wu, Pai-Chuan: *See—*
Cancio, Leopoldo V.; and Wu, Pai-Chuan, 4,546,029, Cl. 428-141.000.
Wu, Philip T.: *See—*
Cochran, William H.; and Wu, Philip T., 4,525,810, Cl. 365-102.000.
Wu, Shih-Jang. Exercising device. 4,561,648, 12-31-85, Cl. 272-73.000.

- Wu, Stephen H.; and Dannelly, Clarence C., to Eastman Kodak Company. Fractionation of polymers. 4,518,769, 5-21-85, Cl. 528-486.000.
- Wu, Tai T.: *See—*
  - Schwartz, Jack; and Wu, Tai T., 4,511,229, Cl. 354-20.000.
  - Schwartz, Jack; and Wu, Tai T., 4,535,368, Cl. 360-28.000.
  - Schwartz, Jack; and Wu, Tai T., 4,549,289, Cl. 369-53.000.
- Wu, Tai-Wing, to Eastman Kodak Company. Reagent composition, dry element and method for determination of total bilirubin. 4,548,905, 10-22-85, Cl. 436-97.000.
- Wu, Wan C., to Monsanto Company. ABS Compositions and process for preparing same. 4,510,287, 4-9-85, Cl. 525-84.000.
- Wu, Wan C., to Monsanto Company. ABS compositions and process for preparing same. 4,559,386, 12-17-85, Cl. 525-71.000.
- Wu, Wen-Pao; and Krutchen, Charles M., to Mobil Oil Corporation. Thermoplastic foam molding. 4,532,094, 7-30-85, Cl. 264-53.000.
- Wu, Wen-Pao: *See—*
  - Krutchen, Charles M.; and Wu, Wen-Pao, 4,532,263, Cl. 521-133.000.
  - Krutchen, Charles M.; and Wu, Wen-Pao, 4,535,100, Cl. 521-180.000.
- Wu, Yulin, to Phillips Petroleum Company. Method for reducing corrosiveness of aqueous fluids. 4,501,674, 2-26-85, Cl. 252-8.55D.
- Wu, Yulin, to Phillips Petroleum Company. Composition and method for corrosion inhibition. 4,511,001, 4-16-85, Cl. 166-310.000.
- Wu, Yulin, to Phillips Petroleum Company. Composition and method for corrosion inhibition. 4,526,813, 7-2-85, Cl. 427-235.000.
- Wu, Yulin, to Phillips Petroleum Company. Method of removing flow-restricting materials from wells. 4,541,489, 9-17-85, Cl. 166-312.000.
- Wu, Yulin; and Mumallah, Naim A., to Phillips Petroleum Company. Microbiocidal anionic sequesterants with polyvalent metal cations for permeability correction process. 4,552,217, 11-12-85, Cl. 166-270.000.
- Wu, Yulin, to Phillips Petroleum Company. Corrosion inhibition. 4,556,110, 12-3-85, Cl. 166-310.000.
- Wu, Yulin; and Stapp, Paul R., to Phillips Petroleum Company. Method for inhibiting corrosion. 4,556,111, 12-3-85, Cl. 166-310.000.
- Wucherpfennig, Karl; Bott, Ernst W.; and Schottler, Peter, to Westfalia Separator AG. Method of stabilizing must, still wines and sparkling wines with respect to precipitation. 4,560,565, 12-24-85, Cl. 426-330.400.
- Wuchinich, David G., to Cooper LaserSonics, Inc. Surgical pre-aspirator. 4,493,694, 1-15-85, Cl. 604-22.000.
- Wuchinich, David G., to Cooper LaserSonics, Inc. Method of use of an ultrasonic surgical pre-aspirator having a orifice by-pass. 4,516,398, 5-14-85, Cl. 604-22.000.
- Wuchinich, David G., to Cooper LaserSonics, Inc. Curved ultrasonic surgical aspirator. 4,526,571, 7-2-85, Cl. 604-22.000.
- Wucik, Joseph A., Jr.: *See—*
  - Livorsi, Carl F.; Wucik, Joseph A., Jr.; Dorrian, Philip J.; and Struzik, Lawrence F., 4,508,315, Cl. 251-173.000.
- Wudel Inc.: *See—*
  - Wudel, John A.; and McMillan, Lavar C., 4,497,841, Cl. 426-565.000.
- Wudel, John A.; and McMillan, Lavar C., to Wudel Inc. Low calorie dessert mixes and products prepared therefrom. 4,497,841, 2-5-85, Cl. 426-565.000.
- Wudy, Erich: *See—*
  - Besenhard, Jurgen O.; Wudy, Erich; and Fritz, Heinz P., 4,547,442, Cl. 429-209.000.
- Wuensch, Hartmut. Molten metal sampler. 4,503,716, 3-12-85, Cl. 73-864.570.
- Wuermli, Arthur, to Rieter Machine Works, Ltd. Drafting mechanism for a spinning machine. 4,509,230, 4-9-85, Cl. 19-245.000.
- Wuertele, Frederick S.: *See—*
  - Paul, Kermit D.; Addams, Charles F., Jr.; and Wuertele, Frederick S., 4,545,410, Cl. 141-18.000.
- Wuerzer, Bruno: *See—*
  - Acker, Rolf-Dieter; Parg, Adolf; and Wuerzer, Bruno, 4,508,915, Cl. 556-418.000.
  - Becker, Rainer; Theobald, Hans; Schirmer, Ulrich; Spiegler, Wolfgang; Seufert, Walter; and Wuerzer, Bruno, 4,500,340, Cl. 71-90.000.
  - Becker, Rainer; Jahn, Dieter; Keil, Michael; Himmele, Walter; and Wuerzer, Bruno, 4,517,013, Cl. 71-98.000.
  - Eicken, Karl; Goetz, Norbert; and Wuerzer, Bruno, 4,494,983, Cl. 71-118.000.
  - Eicken, Karl; Rohr, Wolfgang; and Wuerzer, Bruno, 4,498,922, Cl. 71-111.000.
  - Hagen, Helmut; Markert, Juergen; and Wuerzer, Bruno, 4,497,651, Cl. 71-94.000.
  - Hagen, Helmut; Markert, Juergen; Kohler, Rolf-Dieter; and Wuerzer, Bruno, 4,511,393, Cl. 71-92.000.
  - Hamprecht, Gerhard; Varwig, Juergen; and Wuerzer, Bruno, 4,523,942, Cl. 71-88.000.
  - Husslein, Gerd; Ammermann, Eberhard; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,515,623, Cl. 71-12.000.
  - Jahn, Dieter; Becker, Rainer; Keil, Michael; Spiegler, Wolfgang; and Wuerzer, Bruno, 4,545,806, Cl. 71-88.000.
  - Markert, Jurgen; Hagen, Helmut; and Wuerzer, Bruno, 4,522,646, Cl. 71-94.000.
  - Parg, Adolf; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,512,797, Cl. 71-93.000.
  - Parg, Adolf; Hamprecht, Gerhard; and Wuerzer, Bruno, 4,523,034, Cl. 564-79.000.
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  - Parg, Adolf; Ziegler, Hans; and Wuerzer, Bruno, 4,537,621, Cl. 71-103.000.
  - Plath, Peter; Rohr, Wolfgang; and Wuerzer, Bruno, 4,496,391, Cl. 71-92.000.
  - Plath, Peter; Rohr, Wolfgang; and Wuerzer, Bruno, 4,505,741, Cl. 71-92.000.
  - Plath, Peter; Rohr, Wolfgang; Schwendemann, Volker; and Wuerzer, Bruno, 4,521,604, Cl. 548-301.000.
  - Plath, Peter; Eicken, Karl; Sauter, Hubert; and Wuerzer, Bruno, 4,537,617, Cl. 71-92.000.
  - Schirmer, Ulrich; Plath, Peter; and Wuerzer, Bruno, 4,518,414, Cl. 71-90.000.
- Wuest, Rainer: *See—*
  - Bofinger, Gerd; Stelter, Norbert; and Wuest, Rainer, 4,553,654, Cl. 192-0.076.
- Wuest, Willi: *See—*
  - Raehse, Wilfried; Kuehne, Norbert; Wuest, Willi; and Engelskirchen, Konrad, 4,507,474, Cl. 536-97.000.
- Wuethrich, Ernest E.: *See—*
  - Chan, Fred N.; and Wuethrich, Ernest E., 4,506,312, Cl. 361-240.000.
- Wuhrer, Wolfgang, to Sulzer-Escher Wyss GmbH. Marine vessel propeller with nozzle. 4,509,925, 4-9-85, Cl. 440-67.000.
- Wuhrer, Wolfgang, to Escher Wyss GmbH. Method of coupling coaxial shafts. 4,525,916, 7-2-85, Cl. 29-446.000.
- Wuhrer, Wolfgang, to Escher Wyss GmbH. Adjustable propeller for marine vessel drive. 4,540,341, 9-10-85, Cl. 416-157.00R.
- Wuhrl, Arno; and Kistner, Werner, to M.A.N.-Roland Druckmaschinen Aktiengesellschaft. Proximity switch, which indicates the presence or absence of field changing objects at a defined distance from the proximity switch by a binary signal with the aid of excitation and detection of a field. 4,502,042, 2-26-85, Cl. 340-568.000.
- Wujcik, Steven E.: *See—*
  - Grace, Oscar M.; Wujcik, Steven E.; and Heyman, Duane A., 4,522,976, Cl. 524-722.000.
- Wulczynski, Frank J.: *See—*
  - McCollough, William L.; and Wulczynski, Frank J., 4,544,523, Cl. 419-8.000.
- Wulf, Helmut; and Baehrle, Friedrich, to Daimler-Benz Aktiengesellschaft. Heating arrangement for electrically driven vehicles. 4,532,894, 8-6-85, Cl. 123-142.50E.
- Wulf, Peter: *See—*
  - Ahlf, Heinz-Jurgen; Guhne, Wieland; Wulf, Peter; and Simm, Hans-Peter, 4,538,322, Cl. 15-387.000.
- Wulf, Rudolf: *See—*
  - Engler, Rolf; and Wulf, Rudolf, 4,493,217, Cl. 73-861.270.
- Wulfes, Erwin: *See—*
  - Bortz, Botho; and Wulfes, Erwin, 4,518,172, Cl. 280-751.000.
- Wulff, Gunther, to Swiss Aluminium Ltd. Process and device for inspecting the surface of a material. 4,539,561, 9-3-85, Cl. 340-675.000.
- Wulff, Gunther: *See—*
  - Dorries, Peter; Gotze, Thomas; Piesch, Steffen; Schon, Manfred; Wulff, Gunther; and Hintermeier, Karl, 4,535,031, Cl. 428-481.000.
- Wulff, Hermann. Fish processing machine with controlling means for the processing tools. 4,507,823, 4-2-85, Cl. 17-55.000.
- Wulff, Lee. Fly line. 4,524,540, 6-25-85, Cl. 43-44.980.
- Wulff, Richard W., to Bourns, Inc. Leadless chip carrier with frangible shorting bars. 4,547,795, 10-15-85, Cl. 357-80.000.
- Wulff, Virgil W.: *See—*
  - Wittenberg, Mark S.; and Wulff, Virgil W., 4,559,021, Cl. 446-352.000.
- Wulfing, Friedl W.: *See—*
  - Janssen, Lutz J.; and Wulfing, Friedl W., 4,533,168, Cl. 296-1.00S.
- Wulfing, James J.; and Rood, Robert M., to Minnesota Mining and Manufacturing Company. Tape roller for a tape cassette. 4,515,330, 5-7-85, Cl. 242-197.000.
- Wulfing, James J.; and Rood, Robert M., to Minnesota Mining and Manufacturing Company. Videocassette tape spool having a wear button. 4,520,969, 6-4-85, Cl. 242-71.800.
- Wulfing, James J.: *See—*
  - Rood, Robert M.; and Wulfing, James J., 4,515,323, Cl. 242-74.100.
  - Rood, Robert M.; and Wulfing, James J., 4,527,755, Cl. 242-199.000.
- Wullenkord, Kurt, to Holter Regelarmaturen GmbH & Co. Kg. Steam-pressure reduction valve. 4,505,865, 3-19-85, Cl. 261-44.00R.
- Wully S.A.: *See—*
  - Meschi, Luciano, 4,491,259, Cl. 226-74.000.
  - Meschi, Luciano, 4,507,109, Cl. 493-356.000.
- Wunder, Friedrich: *See—*
  - Baltes, Herbert; Litterer, Heinz; Leupold, Ernst I.; and Wunder, Friedrich, 4,522,800, Cl. 423-329.000.
- Wunder, Johannes: *See—*
  - Muller, Josef; and Wunder, Johannes, 4,543,111, Cl. 55-230.000.
- Wunder, Richard H., to Polysar Limited. Emulsion polymer recovery by coagulation. 4,536,568, 8-20-85, Cl. 528-487.000.
- Wunder, Wolf: *See—*
  - Muhlberger, Horst; Prinz, Bruno; Wunder, Wolf; Schafer, Ulrich; and Bognar, Josef, 4,541,878, Cl. 148-139.000.
- Wunderlich, Daniel F., to Maytag Company, The. Gas burner for a combined laundry appliance. 4,526,535, 7-2-85, Cl. 432-105.000.
- Wunderlich, Erhard: *See—*
  - Noel, Alois; Zeitvogel, Josef; Wunderlich, Erhard; and Meichsner, Michael, 4,547,135, Cl. 417-360.000.

- Wunderlich, Joachim: *See—*
  - Hanle, Edgar; Wunderlich, Joachim; Zwickl, Johann; and Haerdl, Stefan, 4,505,511, Cl. 296-93.000.
- Wunderlich, Klaus: *See—*
  - Harms, Wolfgang; Kuth, Robert; and Wunderlich, Klaus, 4,503,224, Cl. 544-187.000.
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  - Schutze, Detlef-Ingo; Schmitz, Reinold; and Wunderlich, Klaus, 4,555,580, Cl. 549-52.000.
- Wunderlich, R. Roger: *See—*
  - Merchant, Philip; and Wunderlich, R. Roger, 4,539,099, Cl. 208-177.000.
- Wunderlich, Winfried: *See—*
  - Besecke, Siegmund; Schroder, Gunter; Ude, Werner; and Wunderlich, Winfried, 4,492,805, Cl. 568-012.000.
- Wunderwald, Peter: *See—*
  - Lill, Helmut; Schrenk, Jurgen; and Wunderwald, Peter, 4,496,653, Cl. 435-7.000.
- Wunsch, Adolf. Automatic bending machine. 4,502,314, 3-5-85, Cl. 72-380.000.
- Wunsch, Erich, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Method for preparing peptides and intermediate products. 4,507,235, 3-26-85, Cl. 260-112.50R.
- Wunsch, Erich: *See—*
  - Valet, Gunter; Ruhenstroth-Bauer, Gerhard; Wunsch, Erich; and Moroder, Luis, 4,503,148, Cl. 435-29.000.
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- Wunsch, Richard E. Manifold for controlling administration of multiple intravenous solutions and medications. 4,512,764, 4-23-85, Cl. 604-80.000.
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- Wunsch, Werner: *See—*
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- Wurdack, Gerard A.; and Morgan, Gene L., to Gerard A. Wurdack & Associates, Inc. Antenna rotator controller. 4,496,890, 1-29-85, Cl. 318-600.000.
- Wurdack, Gerard A., to Gerard A. Wurdack & Associates, Inc. Dipole antenna formed of coaxial cable. 4,543,583, 9-24-85, Cl. 343-792.000.
- Wurfel, Gernot: *See—*
  - Breuser, Erich; Grozinger, Wilhelm; Latsch, Reinhard; and Wurfel, Gernot, 4,509,476, Cl. 123-266.000.
- Wurfel, Helmut, to GfK Gesellschaft fur Kohleverflussigung mbH. Process for the hydrogenation of coal using a split feed. 4,492,623, 1-8-85, Cl. 208-10.000.
- Wurm, Jaroslav: *See—*
  - Macriss, Robert A.; Wurm, Jaroslav; and Huang, Vincent M., 4,493,364, Cl. 165-1.000.
- Wurminghausen, Thomas: *See—*
  - Grape, Wolfgang; Saykowski, Franz; Schlak, Ottfried; and Wurminghausen, Thomas, 4,554,187, Cl. 427-387.000.
- Wurmli, Arthur, to Rieter Machine Works, Ltd. Device for donning bobbins onto a transport band. 4,524,579, 6-25-85, Cl. 57-276.000.
- Wurst, William C.; and Fyfe, Donald W., to Solar Decisions, Inc. Temperature sensing. 4,494,526, 1-22-85, Cl. 126-419.000.
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- Wurster, Herbert K., to Ricoh Systems, Inc. Sensitive electrophotographic plates containing squaric acid methine dyes suspended in a binder. 4,500,621, 2-19-85, Cl. 430-72.000.
- Wursthorn, John M.: *See—*
  - Geipel, Henry J., Jr.; Schaefer, Charles A.; White, Francis R.; and Wursthorn, John M., 4,527,325, Cl. 29-571.000.
- Wurtman, Richard J., to Massachusetts Institute of Technology. Composition and method for increasing brain tyrosine levels. 4,542,123, 9-17-85, Cl. 514-3.000.
- Wurttembergische Metallwarenfabrik AG: *See—*
  - Bauer, Ewald; and Krejza, Jurgen, 4,512,495, Cl. 220-316.000.
- Wurz, Dieter. Mist eliminator for eliminating droplets from a gaseous flow. 4,543,108, 9-24-85, Cl. 55-1.000.
- Wurz, Dieter: *See—*
  - Ernst, Gunter; Baer, Edmund; Wurz, Dieter; Dittrich, Hans; and Roller, Wilhelm, 4,541,968, Cl. 261-109.000.
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- Wurz, Norman R.: *See—*
  - Byczek, Roger W.; and Wurz, Norman R., 4,561,714, Cl. 339-97.00P.
- Wurzburg, Henry, to Motorola, Inc. Method and apparatus for obtaining small fractional units of capacitance. 4,511,851, 4-16-85, Cl. 330-51.000.
- Wurzburg, Otto B.: *See—*
  - Tessler, Martin M.; Dirscherl, Teresa A.; and Wurzburg, Otto B., 4,540,778, Cl. 536-114.000.
- Wusirika, Raja R., to Corning Glass Works. Group 4b boride and VB_2/YB_2. 4,546,089, 10-8-85, Cl. 501-96.000.
- Wust, Olivier, to Maschinenfabrik Schrarer AG. Method and apparatus for forming snarl-free thread reserves. 4,552,320, 11-12-85, Cl. 242-128.000.
- Wust, Willi: *See—*
  - Diekotter, Friedrich W.; Honges, Edgar; Just, Gunther; Smolka, Heinz-Gerd; and Wust, Willi, 4,545,969, Cl. 423-328.000.
- Wusthof, Peter: *See—*
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- Wuth, Wolfgang: *See—*
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- Wuthrich, Kurt: *See—*
  - Ernst, Richard R.; Wuthrich, Kurt; and Macura, Slobodan, 4,510,449, Cl. 324-309.000.
- Wuthrich, Paul; Daigle, Lyman R.; and Daddona, Anthony D., to Timex Corporation. Crown setting switch for a wristwatch. 4,536,095, 8-20-85, Cl. 368-321.000.
- Wutz, Karl: *See—*
  - Huttinger, Manfred; Steffen, Horst-Gunter; Volkel, Karl-Heinz; and Wutz, Karl, 4,528,971, Cl. 123-634.000.
- Wuyts, Oscar; Ruelens, Remy F.; and Van Camp, Lucien J. M., to International Standard Electric Corporation. Surge protector. 4,538,201, 8-27-85, Cl. 361-124.000.
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  - Wyatt, Gordon F.; Wyatt, Willis G.; and Wyatt, Erle L., 4,492,389, Cl. 280-704.000.
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- Wyatt, James L. Adjustable carrier assembly for a vertical louver with spacer link. 4,559,670, 12-24-85, Cl. 16-87.200.
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- Wyatt, Kenneth L., to AT&T Technologies, Inc. Method and apparatus utilizing magnetically coupled rollers to feed sheets. 4,555,105, 11-26-85, Cl. 271-264.000.
- Wyatt, Leonard F.: *See—*
  - Turner, Jonathan S.; and Wyatt, Leonard F., 4,550,397, Cl. 370-60.000.
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- Wyatt, Philip J. Method and apparatus for characterizing microparticles and measuring their response to their environment. 4,541,719, 9-17-85, Cl. 356-343.000.
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- Wyatt, Philip W.; Newsome, Allen L., Jr.; Bloom, William G.; Siegel, Bernard; and Lubov, Michael, to American Hospital Supply Corporation. Thermodilution injectate assembly. 4,508,123, 4-2-85, Cl. 128-692.000.
- Wyatt, Richard: *See—*
  - Smith, David W.; and Wyatt, Richard, 4,556,980, Cl. 372-28.000.
- Wyatt, Tim A., to Leem Company, Inc. Potato cooker for microwave ovens. 4,558,197, 12-10-85, Cl. 219-10.55E.
- Wyatt, William K.: *See—*
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- Wyatt, Willis G.: *See—*
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- Wyber, James P.: *See—*
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  - Bloch, Peter; and Wydler, Robert, 4,551,954, Cl. 51-287.000.
- Wyffels, Michael K.: *See—*
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- Wykes, John H.; and Miller, Gerald D., to Rockwell International Corporation. Stability augmentation system for a forward swept wing aircraft. 4,562,546, 12-31-85, Cl. 364-434.000.
- Wykhuis, Lloyd A., to Deere & Company. Axle tube and hydraulic motor housing mounting arrangement. 4,506,747, 3-26-85, Cl. 180-62.000.

Wykhuis, Lloyd A.: *See—*
  Kuhn, John B.; and Wykhuis, Lloyd A., 4,490,966, Cl. 56-15.900.
Wykypiel, Werner; and Tronich, Wolfgang, to Hoechst Aktiengesellschaft. Process for preparing 1-nitrobenzene-2-alkyloxycarbonyl-5-carboxylic acids. 4,507,491, 3-26-85, Cl. 560-020.000.
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Wynnyckyj, John R.; Rhodes, Edward; and Chambers, Allan K., to University of Waterloo. Furnace wall ash deposit fluent phase change monitoring system. 4,514,096, 4-30-85, Cl. 374-27.000.
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Wynnyckyj, John R.; Rhodes, Edward; and Marr, Robert, to University of Waterloo. Convection section ash monitoring. 4,552,098, 11-12-85, Cl. 122-379.000.
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  Dorr, John A., 4,530,077, Cl. 367-140.000.
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  Alexandru, Lupu; and Odell, Peter G., 4,558,108, Cl. 526-340.000.
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Buck, Kenneth J.; Grace, Robert E.; and Hayes, Thomas A., Jr., 4,512,652, Cl. 355-14.0CH.
Budny, Thomas J.; Hollenbaugh, William H., Jr.; and Gutman, Edward J., 4,524,120, Cl. 430-137.000.
Buell, Kenneth C.; and Cooper, Thomas F., 4,506,971, Cl. 355-3.0TR.
Bugatto, Henry, Jr., 4,496,892, Cl. 318-696.000.
Burger, William R.; Hutton, James E.; and Silverberg, Morton, 4,553,828, Cl. 355-3.0BE.
Burnham, Robert D.; Scifres, Donald R.; and Streifer, William, 4,546,480, Cl. 372-45.000.
Chen, Tu, 4,556,291, Cl. 350-377.000.
Chiama, Bernard A., 4,558,942, Cl. 355-14.0SH.
Chiang, Anne; and Meuli, William P., 4,536,251, Cl. 156-657.000.
Clark, Lloyd D.; Wilcox, Jean K.; and Day, Gene F., 4,521,792, Cl. 346-159.000.
Clausing, Don P., 4,561,644, Cl. 271-34.000.
Coons, Robert A., Jr., 4,537,650, Cl. 156-384.000.
Creagh, Linda T., 4,511,598, Cl. 427-58.000.
Crean, Peter A.; D'Ortenzio, Remo J.; and Grow, Carolyn P., 4,520,455, Cl. 364-900.000.
Crean, Peter A., 4,525,721, Cl. 346-1.100.
Crean, Peter A., 4,540,990, Cl. 346-75.000.
Daniele, Joseph J.; and Yip, Kwok-leung, 4,554,561, Cl. 346-108.000.
Davidson, James R., 4,552,448, Cl. 355-3.0SH.
Day, Gene F., 4,521,791, Cl. 346-159.000.
Day, Gene F., 4,527,177, Cl. 346-159.000.
DiNatale, Ernest L.; and Yax, Robert J., 4,551,784, Cl. 361-225.000.
Dir, Gary A., 4,506,956, Cl. 350-339.00F.
Dir, Gary A., 4,527,864, Cl. 350-337.000.
Dixon, Barry M., 4,553,831, Cl. 355-26.000.
Doery, Michael S., 4,508,447, Cl. 355-14.0SH.
Donnelly, Thomas L.; and Pavlovych, Orest, 4,557,584, Cl. 355-3.0DD.
Donohue, James M.; and Ling, Andrew T., 4,493,049, Cl. 364-900.000.
Donohue, James M.; Markle, Robert E.; Mager, George E.; and Wilczek, Stephen P., 4,523,299, Cl. 364-900.000.
Donohue, James M.; and Ling, Andrew T., 4,527,252, Cl. 364-900.000.
Drews, Reinhold E.; Fisher, Almon P.; Hermanson, Herman A.; and Pond, Stephen F., 4,531,137, Cl. 346-74.400.
Driessen, Wilhelmus G. M., 4,549,244, Cl. 361-229.000.
Dunfield, John C., 4,538,930, Cl. 400-144.200.
Eiland, Harry F., 4,548,491, Cl. 355-3.00R.
Elter, Michael R., 4,551,007, Cl. 355-14.0FU.
Federico, Anthony M.; Legg, Ernest L.; and Nguyen, Tuan A., 4,514,846, Cl. 371-16.000.
Federico, Anthony M.; Ippolito, Ronald A.; and Legg, Ernest L., 4,532,584, Cl. 364-140.000.
Federico, Anthony M.; Legg, Ernest L.; Wilczek, Stephen P.; Prasad, Hari K.; and Petery, James J., 4,550,382, Cl. 364-572.000.
Field, John R.; Kocher, Haribhajan S.; and Martellock, Arthur C., 4,515,884, Cl. 430-99.000.
Fischbeck, Kenneth H., 4,496,960, Cl. 346-140.00R.
Fischbeck, Kenneth H., 4,509,058, Cl. 346-1.100.
Fischbeck, Kenneth H.; Creagh, Linda T.; and Raschke, Curt R., 4,546,360, Cl. 346-1.100.
Fisher, Almon P., 4,522,488, Cl. 355-15.000.
Fletcher, Gerald M.; Jacobs, Robert M.; and Pietrowski, Kenneth W., 4,533,230, Cl. 355-3.0CH.
Foley, Geoffrey M. T.; and Enck, Rudolph C., 4,554,230, Cl. 430-58.000.
Folkins, Jeffrey J.; Haque, Shahid; Loeb, Alfred M.; and Till, Henry R., 4,492,179, Cl. 118-689.000.
Fox, Wayne D., 4,561,761, Cl. 355-3.00R.
Fox, Wayne D., 4,561,766, Cl. 355-15.000.
Franks, William S., Jr.; Randall, John M.; and Swift, Joseph A., 4,553,191, Cl. 361-212.000.
Frey, Thomas M.; and Kovnat, Larry A., 4,519,000, Cl. 358-301.000.
Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,494,858, Cl. 355-3.0TR.
Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,496,233, Cl. 355-3.0TR.
Gage, Charles A.; Blair, Timothy T.; and Morgan, Thomas W., 4,497,567, Cl. 355-3.0TR.
Garavuso, Gerald M., 4,500,086, Cl. 271-225.000.
Garavuso, Gerald M., 4,526,359, Cl. 271-94.000.
Garsin, Paul A., 4,533,236, Cl. 355-15.000.
Gaudioso, Stephen L., 4,515,880, Cl. 430-39.000.
Genovese, Frank C.; and Pollack, Joel M., 4,558,255, Cl. 313-497.000.
George, Clifford L., 4,556,210, Cl. 271-157.000.
Gilliland, W. Keith; Hart, Lawrence M.; and Nesta, Charles, 4,534,641, Cl. 355-3.00R.
Goemans, Hermanus I., 4,551,015, Cl. 355-75.000.
Green, Frederick A.; and Seedhouse, Frederick A., 4,530,592, Cl. 355-11.000.
Gruber, Robert J.; Agostine, Doretta; Julien, Paul C.; and Yourd, Raymond A., III, 4,493,883, Cl. 430-110.000.
Gruber, Robert J.; Knapp, John F.; and Bolte, Steven B., 4,517,268, Cl. 430-39.000.
Gruber, Robert J.; Koch, Ronald J.; Knapp, John F.; and Bolte, Steven B., 4,556,624, Cl. 430-110.000.
Gundlach, Robert W.; Schwarz, William M., Jr.; and Gunther, Kenneth W., 4,556,013, Cl. 118-624.000.
Gundlach, Robert W.; and Bergen, Richard F., 4,558,221, Cl. 250-325.000.
Hamlin, Thomas J., 4,515,357, Cl. 271-120.000.
Hammond, Thomas J.; and Lama, William L., 4,524,289, Cl. 307-110.000.
Hammond, Thomas J.; Lama, William L.; Northrup, Karl A.; and Corona, Stephen C., 4,533,853, Cl. 315-117.000.
Hauser, Oscar G.; Lysy, Dusan G.; and Koehler, Richard F., Jr., 4,536,080, Cl. 355-14.00D.
Hawkins, William G., 4,532,530, Cl. 346-140.00R.
Hays, Dan A.; and Wayman, William H., 4,545,669, Cl. 355-3.00R.
Heisler, Carl B., 4,515,466, Cl. 355-15.000.
Henry, Arnold W.; Azar, Jack C.; and Sagal, John, 4,518,655, Cl. 428-329.000.
Herbert, William G., 4,501,646, Cl. 204-4.000.
Herloski, Robert P., 4,508,421, Cl. 350-3.710.
Hermanson, Herman A.; and Fisher, Almon P., 4,556,890, Cl. 346-74.400.
Hoffend, Thomas R.; and Barbetta, Angelo J., 4,560,635, Cl. 430-106.600.
Holladay, Thomas M.; and Holt, L. Bayles, 4,553,171, Cl. 358-263.000.
Hoppner, Werner F.; and Landefeld, James A., 4,556,308, Cl. 355-3.00R.
Hor, Ah-Mee; and Loutfy, Rafik O., 4,555,463, Cl. 430-59.000.
Horgan, Anthony M.; Kazmaier, Peter M.; and Burt, Richard A., 4,507,480, Cl. 546-94.000.
Hubble, Fred F., III; and Martin, James P., 4,553,033, Cl. 250-353.000.
Hubler, Lawrence C.; Ferrara, Joseph J.; Albright, Roger N.; and Bassett, Raymond C., 4,508,329, Cl. 270-53.000.
Hubler, Lawrence C., 4,523,750, Cl. 270-53.000.
Huggins, Raymond W., 4,513,404, Cl. 367-93.000.
Huggins, Raymond W., 4,546,262, Cl. 250-551.000.
Ims, Dale R., 4,520,368, Cl. 346-75.000.
Ippolito, Ronald A.; and Dugan, Michael T., 4,509,851, Cl. 355-14.00C.
Jansen, Frank; and Mort, Joseph, 4,513,022, Cl. 427-39.000.
Johnson, Richard V.; and Turner, William D., 4,514,739, Cl. 346-108.000.
Joiner, Ronald E., Jr., 4,559,563, Cl. 358-260.000.
Jones, Jack E., 4,534,551, Cl. 271-275.000.
Jones, Thomas B., 4,502,412, Cl. 118-658.000.
Jones, Thomas B., 4,523,833, Cl. 355-3.0DD.
Kadekodi, Narayan K.; Sheu, Shey-Ping L.; and Ibrahim, Abd-El-Fattah A., 4,528,594, Cl. 358-213.000.
Kazmaier, Peter M.; Baranyi, Guiseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,552,822, Cl. 430-59.000.
Kazmaier, Peter M.; Baranyi, Giuseppa; Hsiao, Cheng-Kuo; and Burt, Richard A., 4,559,286, Cl. 430-59.000.
Kermisch, Dorian, 4,545,069, Cl. 382-46.000.
Kingsley, William; Stoffel, James C.; Moreland, John F., Jr.; Matteson, Ronald G.; Wiggins, Douglas G.; and Allis, Robert F., 4,506,301, Cl. 358-280.000.
Klinger, Lance T., 4,538,257, Cl. 369-106.000.
Knapp, John F.; and Gruber, Robert J., 4,520,092, Cl. 430-120.000.
Kolbe, James R., 4,544,260, Cl. 355-3.0BE.
Kopko, John J.; and Hays, Dan A., 4,499,851, Cl. 118-658.000.
Kopko, John J., 4,544,618, Cl. 430-102.000.
Kramer, Charles J., 4,559,562, Cl. 358-208.000.
Laing, John R., 4,494,863, Cl. 355-15.000.
Lane, John N., 4,538,903, Cl. 355-57.000.
Lane, John N., 4,538,904, Cl. 355-57.000.
Lang, Joseph H., 4,561,756, Cl. 355-3.0SH.

Law, Kock-Yee; Johnson, Gordon E.; and Lin, John W. P., 4,492,750, Cl. 430-494.000.
Law, Kock-Yee; and Bailey, Frank C., 4,508,803, Cl. 430-59.000.
Law, Kock-Yee, 4,524,219, Cl. 564-307.000.
Law, Kock-Yee, 4,524,220, Cl. 564-307.000.
Law, Kock-Yee; and Bailey, Frank C., 4,525,592, Cl. 564-307.000.
Law, Kock-Yee; and Johnson, Gordon E., 4,529,688, Cl. 430-494.000.
Leder, Lewis B., 4,513,031, Cl. 427-250.000.
Lehman, Richard F., 4,518,895, Cl. 315-117.000.
Lehman, Richard F.; Porth, Roland W.; and Mason, Lawrence J., 4,519,703, Cl. 355-69.000.
Levinson, Leo, 4,540,169, Cl. 271-127.000.
Liao, Henry H., 4,494,151, Cl. 358-261.000.
Lindblad, Nero R., 4,547,060, Cl. 355-3.00R.
Lippolis, Craig S.; and Nguyen, Tuan A., 4,536,079, Cl. 355-14.00R.
Logtens, Jozef P. M., 4,546,910, Cl. 227-155.000.
Lok, Kar P.; and Ober, Christopher K., 4,524,199, Cl. 527-313.000.
Loutfy, Rafik O.; and Hsiao, Cheng-Kuo, 4,514,482, Cl. 430-78.000
Lubinsky, Anthony R.; Denton, Gary A.; Keller, Paul D.; and Williams, James E., 4,537,494, Cl. 355-3.0DD.
Lyon, Richard F., 4,521,772, Cl. 340-710.000.
Lyon, Richard F., 4,521,773, Cl. 340-710.000.
Mahabadi, Hadi-Khan; and Alexandru, Lupu, 4,543,313, Cl. 430-109.000.
Mammino, Joseph; Sypula, Donald S.; Abramsohn, Dennis A.; Abkowitz, Martin A.; and Scharfe, Merlin E., 4,515,882, Cl. 430-58.000.
Matyjakowski, David J., 4,557,993, Cl. 430-131.000.
Maxwell, Kenneth H., deceased, 4,543,314, Cl. 430-134.000.
May, Joseph N.; and V'ing, Joseph M., 4,508,444, Cl. 355-3.00R.
McAneney, T. Brian; Loutfy, Rafik O.; Ong, Beng S.; and Popovic, Zoran D., 4,559,287, Cl. 430-59.000.
Meijer, Wilhelmus, 4,516,713, Cl. 227-2.000.
Miazga, Dennis E.; Nguyen, Tuan A.; and Dugan, Michael T., 4,499,581, Cl. 371-20.000.
Milillo, William D., 4,526,464, Cl. 355-3.0SH.
Millar, Ronald A., 4,530,079, Cl. 369-44.000.
Millen, Jeffrey A., 4,541,626, Cl. 271-236.000.
Miller, William G., 4,529,294, Cl. 355-14.00R.
Minerd, Timothy M.; and Crumrine, Robert E., 4,540,887, Cl. 250-561.000.
Moore, Kenneth P., 4,550,903, Cl. 271-98.000.
Morris, Lyle E., 4,556,335, Cl. 400-144.200.
Mort, Joseph; Jansen, Frank; Grammatica, Steven J.; and Morgan, Michael A., 4,544,617, Cl. 430-58.000.
Nash, Robert J.; and Randall, Kent A., 4,513,074, Cl. 430-106.600.
Nemanich, Robert J.; and Thompson, Malcolm J., 4,529,619, Cl. 427-86.000.
Ng, Dominic S., 4,536,458, Cl. 430-41.000.
Nguyen, Tuan A., 4,553,830, Cl. 355-14.00R.
Nishimura, Nobuo; Itami, Teruhiko; Kimoto, Toshifumi; Tomiyama, Shunsuke; and Saitoh, Koichi, 4,525,723, Cl. 346-74.400.
Northrup, Karl A.; and Hammond, Thomas J., 4,529,912, Cl. 315-117.000.
Northrup, Karl A., 4,533,854, Cl. 315-117.000.
Ong, Beng S.; and Murti, Dasarao K., 4,546,059, Cl. 430-59.000.
Ong, Beng S.; Keoshkerian, Barkev; Murti, Dasarao K.; and Mammino, Joseph, 4,562,132, Cl. 430-59.000.
Page, Geoffrey A.; Tokoli, Emery G.; Cosgrove, Robert T.; and Spiewak, John W., 4,557,868, Cl. 260-245.890.
Pai, Damodar M.; Pochan, Darlyn F.; and Pochan, John M., 4,504,564, Cl. 430-132.000.
Palumbo, Stephen A. J., 4,505,575, Cl. 355-14.00E.
Paraskevopoulos, Demetris E., 4,551,004, Cl. 355-3.0DD.
Parker, Delmer G., 4,543,586, Cl. 346-74.400.
Patz, Herbert S., 4,558,943, Cl. 355-3.0DD.
Perun, William D.; and Garavuso, Gerald M., 4,496,144, Cl. 271-114.000.
Povio, Raymond A.; and Rebres, Robert P., 4,494,744, Cl. 271-34.000.
Powers, Edward A., 4,544,265, Cl. 355-76.000.
Price, Edgar E., 4,497,617, Cl. 350-425.000.
Raus, Robert W.; and Stewart, Sam E., 4,544,225, Cl. 339-91.00R.
Rawson, Eric G.; Murray, Hallam G.; Schmidt, Ronald V.; and Stewart, Lawrence C., 4,531,238, Cl. 455-601.000.
Rees, James D.; Gundlach, Robert W.; and May, Jerome E., 4,533,979, Cl. 362-97.000.
Ridder, Robert A.; and Tramontana, Joseph C., 4,550,333, Cl. 357-81.000.
Ritter, Joachim A.; Bock, Edward C.; Spinelli, Richard A.; and Dennis, John R., 4,537,499, Cl. 355-58.000.
Russell, Philip P.; Niu, Tyan-Faung; and Holland, Frederic A., 4,521,457, Cl. 427-286.000.
Salomon, James A.; and Weikel, Donald J., Jr., 4,561,757, Cl. 355-3.0BE.
Savage, Edward C., 4,491,408, Cl. 355-3.0DD.
Schell, Richard P., 4,556,278, Cl. 350-3.710.
Schieck, Richard A., 4,559,855, Cl. 83-425.300.
Schmidt, Eric E.; and Lampson, Butler W., 4,558,413, Cl. 364-300.000.
Schram, Joseph G., 4,496,234, Cl. 355-3.0FU.
Schron, Steven M., 4,496,237, Cl. 355-14.00C.
Scifres, Donald R.; and Sprague, Robert A., 4,530,574, Cl. 350-420.000.
Scifres, Donald R.; Streifer, William; and Burnham, Robert D., 4,555,785, Cl. 372-8.000.
Seedhouse, Frederick A.; and Green, Frederick A., 4,505,581, Cl. 355-58.000.
Sheridon, Nicholas K.; and Berkovitz, Michael A., 4,524,371, Cl. 346-159.000.
Sheridon, Nicholas K., 4,538,163, Cl. 346-155.000.
Skeels, Anthony J., 4,519,693, Cl. 355-3.0DD.
Sliwa, John W., Jr., 4,535,219, Cl. 219-121.0LC.
Smith, Charles E., 4,561,772, Cl. 355-14.0SH.
Smith, Craig A., 4,511,243, Cl. 355-14.0CU.
Smith, Henry E., 4,514,101, Cl. 400-59.000.
Smith, Thomas W.; Cheng, David; and Ward, Anthony T., 4,496,957, Cl. 346-135.100.
Sohl, Gordon; Ort, Donald L.; and Leicht, John R., 4,509,057, Cl. 346-1.100.
Sprague, Robert A., 4,517,667, Cl. 369-122.000.
Sprague, Robert A.; and Turner, William D., 4,538,883, Cl. 350-356.000.
Sprague, Robert A., 4,557,563, Cl. 350-162.120.
Sprague, Robert A., 4,560,994, Cl. 346-108.000.
Stange, Klaus K., 4,547,063, Cl. 355-15.000.
Stemmle, Denis J., 4,558,860, Cl. 271-293.000.
Stock, Robert A.; and Hayskar, Robert A., 4,557,786, Cl. 156-350.000.
Stoffel, James C., 4,496,984, Cl. 358-293.000.
Stoffel, James C., 4,536,077, Cl. 355-8.000.
Strutt, John R.; and Bhagwat, Anil G., 4,523,832, Cl. 355-3.0SH.
Sturnick, Gerard R., 4,529,188, Cl. 271-10.000.
Tabares, Gilbert, 4,522,365, Cl. 248-466.000.
Tam, Man C.; and Kovacs, Gregory J., 4,496,642, Cl. 430-41.000.
Tam, Man C., 4,536,457, Cl. 430-41.000.
Taylor, Thomas N.; Ellis, John R.; and Hubler, Lawrence C., 4,526,309, Cl. 226-33.000.
Temple, Russell A.; Wesseler, Martin G.; Harper, David C.; Eiland, Harry F.; and Tellkamp, Robert G., 4,523,837, Cl. 355-51.000.
Teumer, Roger G.; and Attridge, David M., 4,493,483, Cl. 271-186.000.
Thomsen, Karl V.; and Radler, Richard W., 4,532,166, Cl. 428-57.000.
Tokoli, Emery G.; Horgan, Anthony M.; and Carmichael, Kathleen M., 4,508,650, Cl. 260-245.860.
Tuhro, Richard H., 4,555,732, Cl. 358-213.000.
van Thiel, Ronald R., 4,533,074, Cl. 226-74.000.
Vineski, John E., 4,527,887, Cl. 355-15.000.
Ward, Joseph W.; Povio, Raymond A.; Schroeder, Russell G.; and Chan, Patrick S., 4,558,391, Cl. 361-155.000.
Weigl, John W., deceased, 4,509,850, Cl. 355-4.000.
Whitaker, Angus H.; McFarland, Keith E.; Lloyd, William A.; and Patrick, Willard J., 4,500,045, Cl. 242-57.100.
Wiggins, Douglas G., 4,495,422, Cl. 250-578.000.
Wiggins, Douglas G., 4,538,185, Cl. 358-285.000.
Wilcox, Jean K.; and Day, Gene F., 4,535,345, Cl. 346-159.000.
Wilson, Lionel A., 4,560,158, Cl. 271-165.000.
Winnik, Francoise M.; and Martin, Trevor I., 4,562,135, Cl. 430-106.000.
Woolley, Warren H.; Lama, William L.; Rees, James D.; and Durbin, John A., 4,557,581, Cl. 355-1.000.
Yanus, John F.; and Limburg, William W., 4,521,621, Cl. 564-307.000.
Yanus, John F., 4,523,035, Cl. 564-307.000.
Yip, Kwok-leung, 4,559,546, Cl. 346-160.000.
Yip, Kwok-leung; and Banton, Martin E., 4,561,023, Cl. 358-208.000.
Yourd, Raymond A., III; Majumdar, Debesh; and Gruber, Robert J., 4,537,848, Cl. 430-110.000.
Zambelli, Robert G.; and Shogren, David K., 4,542,983, Cl. 355-55.000.
Ziehm, Richard T.; Wilczek, Stephen P.; Baker, George E.; Husted, Raymond R.; Dumas, Glen A.; Bunker, Keith G.; and Place, George H., Jr., 4,521,847, Cl. 364-184.000.
Ziehm, Richard T., 4,536,078, Cl. 355-14.0SH.
Zoltner, John D., 4,492,321, Cl. 222-410.000.
Zomorrodi, Mehrdad; Cheung, Li-Fung; and Law, Simon M. L., 4,550,254, Cl. 250-338.000.

Xetex, Inc.: *See—*
  Wasserman, Philip D., 4,491,733, Cl. 250-374.000.

Xicor, Inc.: *See—*
  Simko, Richard T., 4,520,461, Cl. 365-184.000.
  Simko, Richard T., 4,533,846, Cl. 307-550.000.

Xidex Corporation: *See—*
  Lee, Wai-Hon; and Voisin, Paul H., 4,508,808, Cl. 430-146.000.
  Tanck, Elinor J., 4,555,437, Cl. 428-212.000.

Ximenes, Victor: *See—*
  Rockwood, Robert E.; and Ximenes, Victor, 4,547,771, Cl. 340-683.000.

XIS, Incorporated: *See—*
  Eriksson, Richard C., 4,508,053, Cl. 118-712.000.
  Eriksson, Richard C., 4,508,748, Cl. 427-8.000.

Xolox Corporation: *See—*
  Bleeke, William F., 4,540,964, Cl. 335-205.000.
  Loubier, Robert J., 4,496,303, Cl. 425-569.000.
  Loubier, Robert J., 4,549,157, Cl. 335-303.000.

Xomed, Inc.: *See—*
  Benson, Jon M.; and Castle, Craig A., 4,547,894, Cl. 381-70.000.

Castle, Craig A.; Benson, Jon M.; and Toch, Theodore H., 4,502,151, Cl. 381-70.000.
Hunter, James D.; and Smith, James J., 4,561,540, Cl. 206-305.000.
Xomox Corporation: *See—*
Gardner, John F.; and Showalter, Thomas W., 4,503,675, Cl. 60-527.000.
Gardner, John F.; and Hobson, David, 4,518,149, Cl. 251-144.000.
Gardner, John F.; and Morton, Gerald H., 4,542,763, Cl. 137-340.000.
Gardner, John F.; and Showalter, Thomas W., 4,559,967, Cl. 137-340.000.
George, John A., 4,494,730, Cl. 251-309.000.
Smith, Russell G., 4,531,537, Cl. 137-246.220.
Stogner, Clarence H.; and Koerner, David J., 4,527,769, Cl. 251-14.000.
Xontech, Inc.: *See—*
Balser, Martin; and Ambler, Frank E., 4,558,594, Cl. 73-189.000.
XRL, Inc.: *See—*
Overbeck, James W., 4,532,402, Cl. 219-121.0LU.
XSI General Partnership: *See—*
Visser, Arie, 4,545,065, Cl. 381-41.000.
Xu, Zhong, to Lau, Pauline Y.; and Lau, Roland L. Method and apparatus for introducing normally solid materials into substrate surfaces. 4,520,268, 5-28-85, Cl. 250-492.100.
Xuan, Mai T., to Omega SA. Winding for subjecting the rotor of a stepping motor to two magnetic fields symmetric to two perpendicular axes by energization of one winding. 4,546,278, 10-8-85, Cl. 310-49.00R.
Xydeas, Costas S.: *See—*
Steele, Raymond; Wong, Wai C.; and Xydeas, Costas S., 4,495,620, Cl. 370-118.000.
Y.S. Securities Limited: *See—*
Mennell, Thomas W., 4,555,602, Cl. 200-50.0AA.
Y-Z Industries, Inc.: *See—*
Zeck, Ted E., 4,531,895, Cl. 417-401.000.
Yabase, Koji, to Denki Onkyo Company Limited. Deflection yoke apparatus. 4,547,707, 10-15-85, Cl. 315-368.000.
Yabe, Hiroshi, to Kabushiki Kaisha Suwa Seikosha. Electronic timepiece with voice memory. 4,548,511, 10-22-85, Cl. 368-10.000.
Yabe, Hisao, to Olympus Optical Co., Ltd. Endoscope apparatus. 4,509,507, 4-9-85, Cl. 128-4.000.
Yabe, Hisao: *See—*
Ishii, Fumiaki; Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Takamura, Koji; and Nakamura, Takeaki, 4,526,623, Cl. 134-21.000.
Nishioka, Kimihiko; and Yabe, Hisao, 4,529,267, Cl. 350-96.260.
Sasa, Hiroyuki; Yabe, Hisao; Nakajima, Yukio; Ishii, Fumiaki; Takamura, Koji; and Nakamura, Takeaki, 4,525,220, Cl. 134-21.000.
Takamura, Koji; Ishii, Fumiaki; Nakajima, Yukio; Yabe, Hisao; Sasa, Hiroyuki; and Nakamura, Takeaki, 4,526,622, Cl. 134-21.000.
Yabe, Jinzo: *See—*
Inoue, Kiyoshi; Shimizu, Akihiko; and Yabe, Jinzo, 4,558,977, Cl. 409-80.000.
Yabe, Katsumi: *See—*
Matsuzaki, Isokazu; Yamagiwa, Akira; Watanabe, Yutaka; Matsumoto, Takashi; and Yabe, Katsumi, 4,516,039, Cl. 307-455.000.
Yabe, Kenji: *See—*
Nishioka, Takeshi; Nakamura, Akira; and Yabe, Kenji, 4,542,164, Cl. 521-135.000.
Yabe, Masao; Naruo, Kyoichi; and Ono, Kazuhiro, to Fuji Photo Film Co., Ltd. Process for producing a cellulose ester support. 4,499,043, 2-12-85, Cl. 264-207.000.
Yabe, Masao: *See—*
Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, 4,557,948, Cl. 427-131.000.
Yabe, Minoru; Noda, Kenichi; Endo, Satoru; and Yamauchi, Masaaki, to Hitachi, Ltd. Electrode structure for electron gun. 4,510,413, 4-9-85, Cl. 313-460.000.
Yabe, Minoru: *See—*
Yamauchi, Masaaki; Yabe, Minoru; Shirai, Shoji; Komoro, Hidemasa; and Matsuda, Kenichi, 4,498,026, Cl. 313-414.000.
Yabe, Tadashi: *See—*
Asano, Yuichiro; Hirahashi, Akira; Ohga, Suehisa; Yabe, Tadashi; Kurita, Kunio; and Momose, Atsushi, 4,492,472, Cl. 356-376.000.
Yabe, Yuichiro: *See—*
Matsueda, Rei; Yabe, Yuichiro; Yamazaki, Mitsuo; Kokubu, Tatsuo; and Hiwada, Kunio, 4,548,926, Cl. 514-19.000.
Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, to Hitachi, Ltd.; and Nippon Telegraph & Telephone Public Corporation. Buffer memory dispersion type video/audio transmission system with spatially and timewise divided inter-office junction lines. 4,518,989, 5-21-85, Cl. 358-86.000.
Yablonovitch, Eli, to Exxon Research & Engineering Co. Inverted, optically enhanced solar cell. 4,525,593, 6-25-85, Cl. 136-255.000.
Yablonovitch, Eli: *See—*
Deckman, Harry W.; Witzke, Horst; Wronski, Christopher; and Yablonovitch, Eli, 4,554,727, Cl. 29-572.000.
Yabu, Iwao. Non-slip pile fabric and method of manufacturing the same. 4,507,343, 3-26-85, Cl. 428-93.000.
Yabu, Mikio: *See—*
Hiragami, Yoshiaki; Yabu, Mikio; and Kawaguchi, Yozi, 4,501,783, Cl. 428-147.000.
Yabu, Shuichi: *See—*
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Yabuki, Fujio: *See—*
Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,494,298, Cl. 29-563.000.
Matsuura, Tamiaki; Aiba, Takeshi; Fukushima, Takashi; Nishimura, Masanori; Ohtsuki, Hiroshi; Yabuki, Fujio; and Kusakabe, Tomio, 4,531,284, Cl. 29-784.000.
Yabuki, Yoshiharu: *See—*
Naito, Hideki; and Yabuki, Yoshiharu, 4,500,627, Cl. 430-203.000.
Naito, Hideki; Hara, Hiroshi; Sato, Kozo; and Yabuki, Yoshiharu, 4,507,380, Cl. 430-203.000.
Yabumoto, Toshio; Sakaoka, Hiromu; and Nakajima, Koji, to Honda Giken Kogyo Kabushiki Kaisha. Secondary intake device. 4,548,173, 10-22-85, Cl. 123-308.000.
Yabunaka, Kiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Auxiliary power output device for an internal combustion engine. 4,558,668, 12-17-85, Cl. 123-195.00A.
Yabunaka, Kiyoshi: *See—*
Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,497,291, Cl. 123-179.0BG.
Hamano, Isao; Yabunaka, Kiyoshi; Akae, Yoshifumi; Tanaka, Toshinori; Gotou, Takeo; and Matsumoto, Kouichi, 4,543,923, Cl. 123-179.00F.
Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,553,441, Cl. 74-7.00R.
Hamano, Isao; Morishita, Akira; Akae, Yoshifumi; Nishimura, Youji; Tanaka, Toshinori; and Yabunaka, Kiyoshi, 4,558,992, Cl. 417-250.000.
Yabuno, Kohei: *See—*
Onda, Kenichi; Abe, Kojin; Yabuno, Kohei; and Uemura, Takeshi, 4,499,530, Cl. 363-17.000.
Yabuuchi, Masahiko: *See—*
Kunishima, Mamoru; Yabuuchi, Masahiko; Masuda, Minoru; Imazumi, Kikuo; and Hamano, Hiroaki, 4,495,348, Cl. 544-021.000.
Yabuuchi, Shigeru; Endoh, Takeyuki; Kodama, Kazuyuki; and Ide, Jushi, to Hitachi, Ltd. Method of generating time delay. 4,497,035, 1-29-85, Cl. 364-577.000.
Yacavonis, Robert A.: *See—*
Hultmark, Eric B.; Metreaud, Claude G.; and Yacavonis, Robert A., 4,546,405, Cl. 361-386.000.
Yachia, Daniel; and Lynch, Henry W., to Medical Engineering Corporation. Penile erectile system. 4,523,584, 6-18-85, Cl. 128-79.000.
Yachida, Yoichi, to Nippon Seiko Kabushiki Kaisha. Device which accurately displays changes in a quantity to be measured. 4,509,044, 4-2-85, Cl. 340-789.000.
Yachigo, Shinichi; Ishii, Tamaki; Takahashi, Yukoh; and Terada, Yutaka, to Sumitomo Chemical Company, Limited. Stabilizer for polymeric substance and polymeric substance composition containing the same. 4,525,514, 6-25-85, Cl. 524-291.000.
Yachigo, Shinichi: *See—*
Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, 4,507,417, Cl. 524-101.000.
Ishii, Tamaki; Yachigo, Shinichi; and Takahashi, Yukoh, 4,511,491, Cl. 252-404.000.
Takahashi, Yukoh; Yachigo, Shinichi; and Ishii, Tamaki, 4,539,355, Cl. 524-131.000.
Takahashi, Yukoh; Terada, Yutaka; Yachigo, Shinichi; and Ishii, Tamaki, 4,562,281, Cl. 560-104.000.
Yackel, Walter C., Jr.; and Hebenstreit, William E., to A. E. Staley Manufacturing Company. Preparation of imitation foods of a tender texture from proteinaceous extrudates. 4,517,218, 5-14-85, Cl. 426-656.000.
Yackiw, Charles; and Lynn, Jeffrey M., to Schlegel Corporation; and Andersen Corp. Weatherplug for a moveable panel. 4,528,788, 7-16-85, Cl. 52-207.000.
Yackiw, Charles, to Schlegel Corporation. Weatherstrip mountable in a slot. 4,535,564, 8-20-85, Cl. 49-489.000.
Yacono, Charles: *See—*
Atlani, Martial; Loutaty, Roben; Wakselman, Claude; and Yacono, Charles, 4,504,287, Cl. 55-53.000.
Yada, Eiichi, to Takeda Riken Co., Ltd. Calibration of a multi-slope A-D converter. 4,559,521, 12-17-85, Cl. 340-347.0NT.
Yada, Hiroaki: *See—*
Sugita, Junkichi; and Yada, Hiroaki, 4,543,531, Cl. 329-50.000.
Yada, Hiroshi: *See—*
Tominaga, Jiro; Yada, Hiroshi; and Honda, Mitsuo, 4,537,644, Cl. 148-36.000.
Yada, Isao: *See—*
Hisajima, Masahiko; Kimura, Hiroshi; Shigemura, Yutaka; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; and Nagashima, Takashi, 4,523,754, Cl. 271-264.000.
Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.
Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Satonaka, Shinobu; and Kaminaga, Seiji, 4,551,009, Cl. 355-15.000.
Yaegashi, Masayuki: *See—*
Doi, Hachiro; and Yaegashi, Masayuki, 4,520,619, Cl. 56-320.100.
Yaegashi, Sakari: *See—*
Tanigawa, Takatoshi; Yaegashi, Sakari; Nakazawa, Tetsuo; Hatazi, Masahiko; and Nango, Tadao, 4,506,041, Cl. 523-139.000.

- Yaegashi, Takashi: *See—*
  - Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Nunomura, Shigeki; Sakurai, Yojiro; and Okutome, Toshiyuki, 4,496,584, Cl. 514-510.000.
  - Fujii, Setsuro; Yaegashi, Takashi; Nakayama, Toyoo; Sakurai, Yojiro; Nunomura, Shigeki; and Okutome, Toshiyuki, 4,514,416, Cl. 549-442.000.
  - Fujii, Setsuro; Okutome, Toshiyuki; Nakayama, Toyoo; Yaegashi, Takashi; and Kurumi, Masateru, 4,532,255, Cl. 514-466.000.
- Yaegashi, Takehisa: *See—*
  - Sugiyama, Shinichi; Chujo, Yoshiki; and Yaegashi, Takehisa, 4,491,921, Cl. 364-431.050.
- Yaeger, John R.; and Morgan, Robert K., to Raychem Corporation. Self-protecting and conditioning memory metal actuator. 4,490,975, 1-1-85, Cl. 60-527.000.
- Yaeger, John R.; and Morgan, Robert K., to Raychem Corporation. Shape memory effect actuator and methods of assembling and operating therefor. 4,551,974, 11-12-85, Cl. 60-527.000.
- Yaeger, John R.; and Morgan, Robert K., to Raychem Corporation. Self-protecting and conditioning memory metal actuator. 4,559,512, 12-17-85, Cl. 337-140.000.
- Yaeger, John R.: *See—*
  - Morgan, Robert K.; and Yaeger, John R., 4,524,343, Cl. 337-140.000.
- Yagasaki, Akio; and Takenaka, Masahiko, to Honda Giken Kogyo Kabushiki Kaisha. Window washer for a light vehicle. 4,531,255, 7-30-85, Cl. 15-250.010.
- Yagasaki, Akio: *See—*
  - Watanabe, Masaki; Yagasaki, Akio; and Chisaka, Kazuto, 4,529,242, Cl. 296-78.100.
- Yagasaki, Toshiaki: *See—*
  - Kasuya, Yukio; Yagasaki, Toshiaki; and Masuda, Shunichi, 4,530,593, Cl. 355-14.00R.
  - Masuda, Shunichi; Yagasaki, Toshiaki; and Kasuya, Yukio, 4,515,458, Cl. 355-3.0SH.
  - Masuda, Shunichi; Shimizu, Katsuichi; Yagasaki, Toshiaki; and Sakamaki, Hisashi, 4,530,063, Cl. 364-518.000.
- Yaghmaie, Farrokh; and McKeon, Ronald J., to Texaco Inc. Coal-water slurries of low viscosity and method for their preparation. 4,502,868, 3-5-85, Cl. 44-51.000.
- Yaghmaie, Farrokh: *See—*
  - Morduchowitz, Abraham; and Yaghmaie, Farrokh, 4,541,937, Cl. 252-8.55D.
  - Vasconcellos, Stephen R.; Yaghmaie, Farrokh; and Howe, Paul E., 4,525,280, Cl. 210-728.000.
- Yagi Antenna Co., Ltd.: *See—*
  - Nakata, Yukio; Terada, Matsuaki; Suda, Kaoru; Morito, Motoyoshi; and Shiotsu, Osamu, 4,516,221, Cl. 364-900.000.
  - Nakata, Yukio; and Shiotsu, Osamu, 4,547,751, Cl. 332-16.00R.
- Yagi, Eiji; Hatori, Yukiyoshi; and Kobari, Yuji, to Nissan Motor Company, Limited. Steering effort sensor. 4,503,297, 3-5-85, Cl. 200-61.390.
- Yagi, Eiji; Kobari, Yuji; and Takahashi, Sadahiro, to Nissan Motor Company, Limited. Pump-drive device of power-assisted steering system. 4,518,055, 5-21-85, Cl. 180-142.000.
- Yagi, Eiji: *See—*
  - Hatori, Yukiyoshi; Yagi, Eiji; and Kobari, Yuji, 4,520,777, Cl. 123-339.000.
- Yagi, Haruhiko: *See—*
  - Ninomiya, Yuki; and Yagi, Haruhiko, 4,545,694, Cl. 400-124.000.
- Yagi, Hideki: *See—*
  - Tanaka, Yoshimasa; Uchino, Minoru; Yagi, Hideki; Teshima, Iwao; and Matsuki, Kensei, 4,528,045, Cl. 148-35.000.
- Yagi, Katsumi: *See—*
  - Yonekura, Kenichi; Asami, Kazuto; Hino, Yushi; and Yagi, Katsumi, 4,531,625, Cl. 194-102.000.
- Yagi, Kenkichi: *See—*
  - Kato, Hiroyasu; Yagi, Kenkichi; and Okamoto, Miyoshi, 4,519,804, Cl. 8-485.000.
- Yagi, Kiyohito: *See—*
  - Miura, Yoshiharu; Miyamoto, Kazuhisa; and Yagi, Kiyohito, 4,532,210, Cl. 435-168.000.
- Yagi, Masahiro: *See—*
  - Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.
- Yagi, Michio: *See—*
  - Matsushima, Kohji; Nakagawa, Yasutsugu; and Yagi, Michio, 4,497,563, Cl. 354-429.000.
  - Momose, Haruhiko; Takahashi, Toshiaki; Hoshino, Yasushi; Matsushima, Kohji; and Yagi, Michio, 4,541,702, Cl. 354-400.000.
- Yagi, Motohiko: *See—*
  - Yoshida, Tuneo; Oishi, Kengo; and Yagi, Motohiko, 4,533,968, Cl. 360-130.210.
- Yagi, Noriyuki: *See—*
  - Itoh, Yasuo; Kato, Hideo; Ogawa, Nobuo; Koshinaka, Eiichi; Suzuki, Tomio; and Yagi, Noriyuki, 4,528,287, Cl. 514-254.000.
- Yagi, Shigenori; Ogawa, Shuji; Kuzumoto, Masaki; and Tabata, Norikazu, to Mitsubishi Denki Kabushiki Kaisha. Silent discharge-type laser device. 4,507,537, 3-26-85, Cl. 219-121.0LA.
- Yagi, Shigenori; Kuzumoto, Masaki; Tanaka, Masaaki; and Ogawa, Shuji, to Mitsubishi Denki Kabushiki Kaisha. Silent discharge type pulse laser device. 4,510,606, 4-9-85, Cl. 372-25.000.
- Yagi, Shigeo: *See—*
  - Sonoyama, Takayasu; Yagi, Shigeo; and Kageyama, Bunji, 4,543,331, Cl. 435-138.000.
- Yagi, Shizuo; Otani, Junji; Fujii, Isao; and Kogure, Hiroshi, to Honda Giken Kogyo Kabushiki Kaisha. Stratified burn internal combustion engine. 4,494,504, 1-22-85, Cl. 123-308.000.
- Yagi, Taizo, to Horiba, Ltd. Pulse phase modulator/demodulator system. 4,494,089, 1-15-85, Cl. 332-14.000.
- Yagi, Taizo, to Horiba, Ltd. Optical fiber joint type ion-concentration measurement apparatus. 4,502,937, 3-5-85, Cl. 204-406.000.
- Yagi, Tatsuhiko: *See—*
  - Niki, Katsumi; Inokuchi, Hiroo; Yagi, Tatsuhiko; and Nakamura, Asao, 4,541,908, Cl. 204-101.000.
- Yagi, Toshiharu; and Pavlath, Attila E., to United States of America, Agriculture. Fluorination by inorganic fluorides in glow discharge. 4,508,781, 4-2-85, Cl. 428-409.000.
- Yagi, Toshiharu; and Pavlath, Attila E. Process for fluorination by inorganic fluorides in glow discharge. 4,557,945, 12-10-85, Cl. 427-40.000.
- Yagi, Toshizo, to Japan Life Company Limited. Sleeping mattress. 4,509,219, 4-9-85, Cl. 5-481.000.
- Yagi, Yasuo, to Pioneer Electronic Corporation. Contour correcting circuit. 4,541,014, 9-10-85, Cl. 358-166.000.
- Yagi, Yasuomi: *See—*
  - Ogata, Hisanao; Nemoto, Takeo; Hakuraku, Yoshinori; and Yagi, Yasuomi, 4,502,296, Cl. 62-514.00R.
- Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, to Yuwa Sangyo K.K. Method and apparatus for making a cylindrical package for steel strip coil. 4,524,562, 6-25-85, Cl. 53-409.000.
- Yagihara, Morio; Hirano, Tsumoru; Hirano, Mitsunori; and Umemoto, Makoto, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,495,272, 1-22-85, Cl. 430-381.000.
- Yagihara, Morio; Hirano, Tsumoru; and Umemoto, Makoto, to Fuji Photo Film Co., Ltd. Silver halide color photographic light-sensitive material. 4,496,650, 1-29-85, Cl. 430-381.000.
- Yagihara, Morio; Ikegawa, Akihiko; Ono, Mitsunori; and Mihara, Yuji, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material. 4,518,685, 5-21-85, Cl. 430-505.000.
- Yagihara, Morio: *See—*
  - Hirano, Tsumoru; Yagihara, Morio; and Umemoto, Makoto, 4,511,647, Cl. 430-381.000.
  - Ohno, Shigeru; Kishimoto, Shinzo; and Yagihara, Morio, 4,554,242, Cl. 430-393.000.
  - Sakanoue, Kei; Yagihara, Morio; Ichijima, Seigi; and Nagao, Kimitoshi, 4,500,634, Cl. 430-544.000.
- Yagihashi, Shinichi: *See—*
  - Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, 4,519,764, Cl. 425-256.000.
  - Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, 4,561,486, Cl. 164-118.000.
- Yagii, Koji: *See—*
  - Miyata, Jun; Yagii, Koji; and Shimizu, Tsutomu, 4,545,825, Cl. 148-3.000.
- Yaginuma, Kenichi: *See—*
  - Matsumiya, Saburo; Uehara, Katsuya; Saito, Keiji; Michiki, Hideyuki; and Yaginuma, Kenichi, 4,549,904, Cl. 75-7.000.
- Yaginuma, Kyuzi: *See—*
  - Fujiya, Sigeru; Tsubaki, Tohru; Amano, Naoki; Yaginuma, Kyuzi; Kayaba, Hitoshi; Aiko, Yoriyuki; and Takahashi, Takeshi, 4,503,481, Cl. 361-341.000.
- Yagishita, Teruo: *See—*
  - Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,513,075, Cl. 430-108.000.
  - Narusawa, Toshiaki; Okada, Seiji; Muramatsu, Kiyohide; Yagishita, Teruo; and Okuyama, Hirofumi, 4,522,909, Cl. 430-137.000.
- Yagitani, Takayuki; Matsui, Hiromasa; Ito, Akira; and Ueno, Toshishige, to Kureha Kagaku Kogyo Kabushiki Kaisha. Capacitor comprising metallized polypropylene film impregnated with a certain bis-(alkylphenyl) alkane. 4,548,745, 10-22-85, Cl. 252-567.000.
- Yagodin, Valery M.: *See—*
  - Nikolsky, Vladimir A., Yagodin, Valery M.; Vazhnov, Evgeny N.; Bondar, Efim S.; Naumenko, Igor P.; Vozny, Valery F.; Orlov, Vladimir N.; and Tikhonov, Vladimir I., 4,495,776, Cl. 62-114.000.
- Yaguchi, Kenichi; Ichikawa, Masaru; and Kinoshita, Takuji, to Nippon Kogaku K.K. Spectacle frame. 4,494,831, 1-22-85, Cl. 351-41.000.
- Yaguchi, Masachika; Mikami, Tomoki; and Hase, Takashi, to Kasei Optonix, Ltd. Zinc silicate phosphor and electron excited fluorescent display device using the phosphor. 4,551,397, 11-5-85, Cl. 428-691.000.
- Yaguchi, Svetlana: *See—*
  - Andreini, Rockne J.; Farmer, Audley J.; and Yaguchi, Svetlana, 4,523,951, Cl. 75-126.00B.
- Yagyu, Kazuo: *See—*
  - Nakayashiki, Susumu; Nakada, Isao; Kida, Masahiko; Hashimoto, Toyokazu; and Yagyu, Kazuo, 4,495,595, Cl. 364-900.000.
- Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, to Hitachi Construction Machinery Co., Ltd. Hydraulic circuit of hydraulic power shovel. 4,504,185, 3-12-85, Cl. 414-700.000.
- Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, to Hitachi Construction Machinery Co., Ltd. Hydraulic fluid circuit of hydraulic shovel. 4,534,268, 8-13-85, Cl. 91-6.000.
- Yahagi, Masakichi; Kinoshita, Kimiaki; and Enokiya, Masashi, to Shin Nisso Kako Co., Ltd. Heat-sensitive color-developing composition. 4,503,446, 3-5-85, Cl. 346-209.000.
- Yahagi, Mitsuhisa; Masunaga, Mikio; Watanabe, Shuichi; and Tanaka, Tsutomu, to Bridgestone Tire Company Limited. Pneumatic tires. 4,549,593, 10-29-85, Cl. 152-330.00R.

- Yahagi, Mitsuhisa: *See—*
  - Tanaka, Tsutomu; Yahagi, Mitsuhisa; and Watanabe, Shuichi, 4,508,153, Cl. 152-362.0CS.
- Yahano, Toshi, to Fujitsu Limited. Method of manufacturing an MIS type semiconductor device. 4,502,205, 3-5-85, Cl. 29-576.00B.
- Yahara, Shigeo: *See—*
  - Koiso, Yasuhiko; Ohtsuka, Kenji; and Yahara, Shigeo, 4,516,564, Cl. 126-263.000.
- Yahara, Shoji: *See—*
  - Kooda, Akihide; Nishioka, Itsuo; Nishiyori, Takeshi; and Yahara, Shoji, 4,537,996, Cl. 568-442.000.
- Yahav, Shimon: *See—*
  - Daar, Yair; and Yahav, Shimon, 4,524,772, Cl. 128-355.000.
- Yahiro, Tetsuji; and Ishimi, Haruyoshi, to Mazda Motor Corporation. V-Type engine. 4,494,494, 1-22-85, Cl. 123-55.0VS.
- Yahiro, Tetsuji: *See—*
  - Choushi, Masahiro; and Yahiro, Tetsuji, 4,516,546, Cl. 123-195.00A.
- Yahl, Kenneth R.: *See—*
  - DeBoer, Edward D.; and Yahl, Kenneth R., 4,552,564, Cl. 8-115.600.
- Yairo, Osamu: *See—*
  - Hattori, Masayuki; Nakamura, Shigeo; and Yairo, Osamu, 4,562,361, Cl. 307-270.000.
- Yaji, Motoyasu; Shimizu, Masuto; Yamanaka, Hiromitsu; and Koshikawa, Takao, to Kawasaki Steel Corporation. Method of controlling continuous casting equipment. 4,553,604, 11-19-85, Cl. 164-453.000.
- Yajima, Mantaro, heir: *See—*
  - Yajima, Seishi, deceased; Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, 4,515,742, Cl. 264-63.000.
- Yajima, Mizuo, to Asama Chemical Co., Ltd. Method for prevention of oxidation of oils and fats and soft capsules containing the treated oils and fats. 4,525,306, 6-25-85, Cl. 260-428.500.
- Yajima, Seishi; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamamura, Takemi, to UBE Industries, Ltd. Process for production of sintered ceramic body. 4,556,526, 12-3-85, Cl. 264-60.000.
- Yajima, Seishi, deceased (by Yajima, Mantaro, heir); Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, to UBE Industries, Ltd. Continuous inorganic fibers and process for production thereof. 4,515,742, 5-7-85, Cl. 264-63.000.
- Yajima, Toshio, to NHK Spring Co., Ltd. Motion snubbing device. 4,513,846, 4-30-85, Cl. 188-380.000.
- Yajima, Tsunao: *See—*
  - Maeda, Tooru; and Yajima, Tsunao, 4,495,929, Cl. 123-569.000.
- Yakabe, Touru: *See—*
  - Nakayama, Shouji; Takanashi, Yukio; Higuchi, Toshiharu; and Yakabe, Touru, 4,524,296, Cl. 313-270.000.
- Yakich, John L., to Armstrong-Blum Manufacturing Co. Method for delivering coolant to a band saw, and structure therefor. 4,501,181, 2-26-85, Cl. 83-169.000.
- Yakich, Joseph. Cribbage board. 4,521,675, 6-4-85, Cl. 235-90.000.
- Yakich, Sam S. Blood pump improvements. 4,549,860, 10-29-85, Cl. 417-475.000.
- Yakima, Inc.: *See—*
  - Cole, Stephen J., 4,524,893, Cl. 224-319.000.
- Yaklin, Leonard L., to American Specialty & Supply, Inc. Taping machines. 4,548,022, 10-22-85, Cl. 53-415.000.
- Yakovenko, Ivan F.: *See—*
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  - Davis, Fred E., III; and Gershoni, Johathan M., 4,541,910, Cl. 204-182.800.
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  - Tada, Tetsuya; Kawamoto, Kazuyuki; and Yamada, Akihiko, 4,558,821, Cl. 239-333.000.
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  - Aihara, Shigenobu; and Yamada, Akio, 4,517,527, Cl. 330-287.000.
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  - Kido, Fusayoshi; Takahashi, Atsushi; Shingu, Shitta; Higuchi, Yoshinori; and Yamada, Akira, 4,553,227, Cl. 369-44.000.
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  - Yamamoto, Katsumi, 4,493,975, Cl. 219-370.000.
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  - Yoshikawa, Seimi; Yamada, Hideo; and Okubo, Yoichi, 4,506,518, Cl. 62-180.000.
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  - Murakami, Yoshikazu; and Yamada, Hiromi, 4,547,754, Cl. 333-219.000.
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  - Murai, Toshio; Aoyagi, Hayao; Furukawa, Masahiko; Yamada, Hiromichi; Kawamura, Tateo; Ishikawa, Yoshihiro; Sakamoto, Akio; Tsuchiya, Toshiaki; Shiozaki, Takashi; Kubota, Hirokuni; Okada, Isoji; Ishii, Jiro; Fujii, Fumio; Nagao, Masakazu; Kikuchi, Masamitsu; Ishii, Morio; Sasaki, Yoshimasa; Tanaka, Katsushi; and Itakura, Tadashi, 4,519,768, Cl. 425-456.000.
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  - Abe, Fumitaka; Kimura, Masatoshi; Watanabe, Toshihiko; and Yamada, Hiroshi, 4,540,272, Cl. 355-4.000.
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- Yamada, Ichiho: *See—*
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- Yamada, Jotaro: *See—*
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- Yamada, Jun: *See—*
  - Miura, Kuniaki; Shibata, Akira; Yamada, Jun; and Hazama, Katashi, 4,510,530, Cl. 358-314.000.
  - Senga, Takao; Suzuki, Shigeyoshi; Yamada, Jun; and Kuriu, Sadao, 4,502,677, Cl. 271-104.000.
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  - Yuhara, Akitsuna; Hosaka, Norio; Fujita, Yuji; Kishimoto, Kiyoharu; and Yamada, Jun, 4,500,807, Cl. 310-313.00B.
  - Yuhara, Akitsuna; Nate, Kazuo; Toyama, Tatsuro; and Yamada, Jun, 4,510,410, Cl. 310-313.00D.
- Yamada, Junichi: *See—*
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,512,404, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,532,053, Cl. 252-8.55D.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,534,411, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,537,253, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,549,607, Cl. 166-274.000.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,555,351, Cl. 252-8.55D.
  - Morita, Hiroshi; Kawada, Yasuyuki; Yamada, Junichi; and Ukigai, Toshiyuki, 4,556,108, Cl. 166-274.000.
  - Ukigai, Toshiyuki; Hagiwara, Masaaki; and Yamada, Junichi, 4,544,033, Cl. 166-274.000.
- Yamada, Junsaku: *See—*
  - Yasumune, Masaru; Yamada, Junsaku; and Kurokawa, Sumiaki, 4,546,595, Cl. 53-450.000.
- Yamada, Kaneo; Okamoto, Shigemi; and Asada, Kazuhiko, to Kabushiki Kaisha Kobe Seiko Sho. Uniform distributor apparatus for a gaseous and liquid phase fluid. 4,544,514, 10-1-85, Cl. 261-153.000.
- Yamada, Katsuhiko: *See—*
  - Iwata, Hitoshi; Hashimoto, Yoshihiro; and Yamada, Katsuhiko, 4,526,627, Cl. 148-12.00B.
- Yamada, Katuyuki; and Toyoda, Kazuhiro, to Fujitsu Limited. Semiconductor memory device. 4,520,462, 5-28-85, Cl. 365-189.000.
- Yamada, Kazuharu: *See—*
  - Kodama, Hisashi; Hamamoto, Tooru; Tamura, Tetsuomi; Sato, Katsujiro; and Yamada, Kazuharu, 4,535,734, Cl. 123-90.580.
- Yamada, Kazuhiro: *See—*
  - Ishikawa, Yasuhiro; Yamada, Kazuhiro; and Kida, Masashi, 4,518,733, Cl. 524-274.000.
- Yamada, Kazuji; Kobori, Shigeyuki; Shimada, Satoshi; Kanzawa, Ryosaku; Kobayashi, Ryoichi; and Sato, Hideo, to Hitachi, Ltd. Integrated pressure sensor. 4,550,612, 11-5-85, Cl. 73-727.000.
- Yamada, Kazuji; Sato, Hideo; Kato, Kazuo; Sasayama, Takao; Kawakami, Kanji; and Kanzawa, Ryosaku, to Hitachi, Ltd. Pressure transducer with temperature compensation circuit. 4,556,807, 12-3-85, Cl. 307-491.000.
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- Yamada, Kazuji: *See—*
  - Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; and Nishihara, Motohisa, 4,495,820, Cl. 73-724.000.
  - Shimada, Satoshi; Yamada, Kazuji; Suzuki, Seikou; Kobori, Shigeyuki; and Nishihara, Motohisa, 4,527,428, Cl. 73-721.000.
- Yamada, Kazunari: *See—*
  - Suzuki, Kenichi; and Yamada, Kazunari, 4,527,153, Cl. 340-572.000.
- Yamada, Kazuo; and Sakaki, Hiroshi, to Ryowa Engineering Company, Limited. Soldering device for radiator tanks. 4,504,223, 3-12-85, Cl. 432-225.000.
- Yamada, Kazuo, to Togo Japan Inc. Standing position support apparatus for amusement vehicle. 4,531,459, 7-30-85, Cl. 104-53.000.
- Yamada, Kazuo, to Togo Japan Inc. Track-traveling four-wheel vehicle. 4,548,136, 10-22-85, Cl. 105-91.000.
- Yamada, Kazuo, to Victor Company of Japan, Ltd. Detector circuit for capacitance disc records. 4,558,442, 12-10-85, Cl. 369-126.000.
- Yamada, Kazuo, to Togo Japan Inc. Amusement vehicle. 4,561,514, 12-31-85, Cl. 180-8.600.
- Yamada, Kazuo: *See—*
  - Yamaguchi, Hirohisa; Yamada, Kazuo; and Miyasato, Tsutomu, 4,536,745, Cl. 340-347.0DD.
- Yamada, Keiichi, to Diesel Kiki Co., Ltd. Fuel injection valve for internal combustion engines. 4,528,951, 7-16-85, Cl. 123-300.000.
- Yamada, Keiichi; and Kimura, Hideyuki, to Diesel Kiki Co., Ltd. Distribution type fuel injection pump. 4,537,170, 8-27-85, Cl. 123-449.000.
- Yamada, Keiichi: *See—*
  - Nakajima, Nobuyuki; and Yamada, Keiichi, 4,546,739, Cl. 123-299.000.
  - Ozone, Takashi; Hayakawa, Shohei; Nakajima, Fusao; Yamada, Keiichi; and Araki, Kazuo, 4,527,356, Cl. 51-101.00R.
- Yamada, Keizo: *See—*
  - Yamauchi, Takashi; Maruhashi, Shigeaki; Koike, Shinkichi; and Yamada, Keizo, 4,525,209, Cl. 75-51.500.
- Yamada, Ken'ichi; Sumitomo, Hiroyuki; Horiguchi, Akira; and Masutani, Kenzo, to Hisaka Works, Ltd. Plate type evaporator. 4,509,592, 4-9-85, Cl. 165-166.000.
- Yamada, Kenji, to Nippon Kogaku K.K. Variable magnification observation optical device. 4,548,481, 10-22-85, Cl. 350-559.000.
- Yamada, Kiichiro: *See—*
  - Onodera, Hiromi; Wakabayashi, Noriaki; Yamada, Kiichiro; and Sugizaki, Yasushi, 4,504,750, Cl. 310-12.000.
  - Wakabayashi, Noriaki; Yamada, Kiichiro; and Onodera, Hiromi, 4,507,598, Cl. 318-687.000.
- Yamada, Kinsaku: *See—*
  - Kashiwaya, Mineo; and Yamada, Kinsaku, 4,495,802, Cl. 73-118.000.
- Yamada, Kiyoshi; and Murakami, Kazumasa, to Matsushita Electric Works, Ltd. Fire alarm system. 4,556,873, 12-3-85, Cl. 340-630.000.
- Yamada, Kiyoshi: *See—*
  - Samejima, Yasushi; Shiga, Minoru; Kano, Toshiji; and Yamada, Kiyoshi, 4,556,470, Cl. 204-266.000.
  - Yana, Masasumi; Nagato, Hitoshi; Yamada, Kiyoshi; Ueno, Shyoji; and Shibuya, Kunihiro, 4,552,470, Cl. 400-120.000.
- Yamada, Koichi; Mouri, Masahide; and Nomura, Yoshisaburo, to Sumitomo Aluminium Smelting Company, Ltd. Method for manufacturing high-strength sintered silicon carbide articles. 4,562,040, 12-31-85, Cl. 419-23.000.
- Yamada, Koichiro: *See—*
  - Yoshioka, Masahiro; Mizumoto, Muneo; and Yamada, Koichiro, 4,560,325, Cl. 417-407.000.
- Yamada, Koji: *See—*
  - Matsuda, Yuzuru; Iwahashi, Kazuyuki; Iida, Takao; Hirayama, Noriaki; Asano, Kozo; Shuto, Katsuichi; Yamada, Koji; Shirahata, Kunikatsu; and Kase, Hiroshi, 4,555,402, Cl. 424-122.000.
  - Muto, Kenji; Takemoto, Yoshinori; Hatta, Takao; Hashimoto, Tamotsu; Yamada, Koji; and Watanabe, Minoru, 4,495,192, Cl. 514-318.000.
- Yamada, Kyota; and Komatsu, Akira, to Bodysonic Kabushiki Kaisha. Audio-band electro-mechanical vibration converter. 4,495,638, 1-22-85, Cl. 381-27.000.
- Yamada, Magoichi, to Daiwa Golf Co., Ltd. Golf club head. 4,534,564, 8-13-85, Cl. 273-169.000.
- Yamada, Magoichi, to Daiwa Golf Co., Ltd. Golf club head. 4,535,990, 8-20-85, Cl. 273-173.000.
- Yamada, Magoichi, to Daiwa Golf Co., Ltd. Golf club head. 4,553,755, 11-19-85, Cl. 273-171.000.
- Yamada, Makoto; Kubota, Tatsushi; and Kojima, Ikuzo, to Toyota Jidosha Kabushiki Kaisha; and Kabushiki Kaisha Tokai Rika Denki Seisakusho. Ring joint for seatbelt system. 4,518,173, 5-21-85, Cl. 280-806.000.

- Yamada, Makoto: *See—*
  - Motonami, Masanao; Yamada, Makoto; and Ogawa, Hisashi, 4,557,523, Cl. 297-468.000.
  - Suzuki, Ichiro; Motonami, Masanao; Yamada, Makoto; and Yoshitsugu, Noritada, 4,546,998, Cl. 280-807.000.
- Yamada, Masanori, to Canon Kabushiki Kaisha. Distance measuring system. 4,494,847, 1-22-85, Cl. 354-403.000.
- Yamada, Masanori; and Yoshikawa, Ryoichi, to Canon Kabushiki Kaisha. Flash apparatus with power supply control device. 4,522,479, 6-11-85, Cl. 354-413.000.
- Yamada, Masanori: *See—*
  - Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, 4,501,481, Cl. 354-413.000.
  - Kataoka, Hiroyuki; Yamada, Masanori; and Suzuki, Nobuyuki, 4,541,703, Cl. 354-415.000.
  - Katsuma, Makoto; Kawamura, Masaharu; and Yamada, Masanori, 4,494,850, Cl. 354-416.000.
  - Kawabata, Takashi; and Yamada, Masanori, 4,521,093, Cl. 354-403.000.
- Yamada, Masaru: *See—*
  - Takasaki, Yoshiyuki; Takahara, Yoshimasa; Izumi, Chikashi; Mori, Atsushi; Nishiguchi, Masahiko; and Yamada, Masaru, 4,529,696, Cl. 435-99.000.
- Yamada, Masato: *See—*
  - Akisue, Osamu; Yamada, Teruaki; Ueda, Shigeru; Tokunaga, Yoshikuni; and Yamada, Masato, 4,551,182, Cl. 148-12.00C.
  - Tokunaga, Yoshikuni; and Yamada, Masato, 4,504,326, Cl. 148-12.00C.
- Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, to Kubushiki Kaisha Toyota Chuo Kenkyusho; and Toyota Jidosha Kogyo Kabushiki Kaisha. Sensor for detecting flow quantity of fuel supplied to fuel injection system. 4,506,545, 3-26-85, Cl. 73-119.00A.
- Yamada, Masatoshi: *See—*
  - Matsuoka, Hiroo; Matsuoka, Seiichi; Yamabe, Tsunekichi; Fujie, Hirokazu; Mori, Kenji; Tamura, Kouji; Yamada, Masatoshi; and Furuta, Akio, 4,510,264, Cl. 502-328.000.
- Yamada, Matsuichi: *See—*
  - Watanabe, Fumio; Mizuguchi, Yoshihiko; and Yamada, Matsuichi, 4,516,128, Cl. 343-761.000.
- Yamada, Minoru; Ito, Eiji; and Nagai, Masaru, to Konishiroku Photo Industry Co., Ltd. Photographic taking lens driving means. 4,519,691, 5-28-85, Cl. 354-400.000.
- Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, to Hitachi, Ltd. Cooling module for integrated circuit chips. 4,558,395, 12-10-85, Cl. 361-385.000.
- Yamada, Minoru: *See—*
  - Okuda, Naoki; Yamada, Minoru; and Yoshino, Fumito, 4,561,888, Cl. 75-124.000.
  - Takahashi, Masashi; and Yamada, Minoru, 4,534,914, Cl. 261-64.00B.
- Yamada, Mitsuhiko, to Dainippon Screen Seizo Kabushiki Kaisha. Color separation condition selecting means for a picture scanning and recording machine. 4,491,864, 1-1-85, Cl. 358-80.000.
- Yamada, Mitsuhiko, to Dainippon Screen Seizo Kabushiki Kaisha. Method of filing set-up data for a photo-electric scanner and an apparatus for reading such data in the form of graphs. 4,500,917, 2-19-85, Cl. 358-75.000.
- Yamada, Mitsuhiko, to Dainippon Screen Seizo Kabushiki Kaisha. Indicating method and apparatus for digitizer menu portions. 4,509,046, 4-2-85, Cl. 340-815.100.
- Yamada, Mitsuhiko, to Dainippon Screen Seizo Kabushiki Kaisha. Method for correcting gradation of output data, for use in a picture digital processing system. 4,534,059, 8-6-85, Cl. 382-54.000.
- Yamada, Mitsuhiko; and Nakade, Toshiaki, to Dainippon Screen Mfg. Co., Ltd. Picture scanning and recording method. 4,553,172, 11-12-85, Cl. 358-280.000.
- Yamada, Mitsuo: *See—*
  - Umemoto, Hirotoshi; Tanabe, Hisaki; Yamada, Mitsuo; and Nakano, Shinji, 4,501,863, Cl. 525-443.000.
  - Yoshine, Hiroki; Takasaki, Yoshitaka; Takahashi, Yasushi; Yamada, Mitsuo; and Nagano, Katsuyuki, 4,503,546, Cl. 375-37.000.
- Yamada, Motoshige; and Ebato, Seigo, to Mitsubishi Paper Mills, Ltd. Photosensitive material for diffusion transfer with antihalation layer containing white and color pigment. 4,548,898, 10-22-85, Cl. 430-510.000.
- Yamada, Muneki; and Sakamoto, Akira, to Toyo Seikan Kaisha, Ltd. Multi-layer plastic laminate structure. 4,528,219, 7-9-85, Cl. 428-35.000.
- Yamada, Muneki: *See—*
  - Kawaguchi, Kiyoshi; and Yamada, Muneki, 4,519,977, Cl. 264-550.000.
  - Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,500,677, Cl. 525-57.000.
  - Maruhashi, Yoshitsugu; Kano, Fumio; Yamada, Muneki; and Hirata, Sadao, 4,562,118, Cl. 428-412.000.
- Yamada, Mutsuo: *See—*
  - Nishimura, Yasuyuki; Yamada, Mutsuo; Arikawa, Yoshijiro; Kamiguchi, Taiji; Kuwahara, Takanori; and Tanimoto, Hirotoshi, 4,521,631, Cl. 568-478.000.
- Yamada, Naoki: *See—*
  - Uchigaki, Takatoshi; Saito, Akio; and Yamada, Naoki, 4,512,348, Cl. 128-632.000.
- Yamada, Noboru, to Olympus Optical Co., Ltd. Plastic lens. 4,506,951, 3-26-85, Cl. 350-253.000.
- Yamada, Noboru; and Nakamura, Kunihiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Sheet handling device. 4,511,136, 4-16-85, Cl. 271-187.000.
- Yamada, Nobuhiko: *See—*
  - Ogura, Ken; Yamada, Nobuhiko; and Ohmi, Hiroshi, 4,497,693, Cl. 204-15.000.
- Yamada, Nobuyuki: *See—*
  - Uesugi, Kenji; Irie, Shin-ichi; Asada, Yoshihisa; Maeda, Masahiro; Yamada, Nobuyuki; and Nakagawa, Hideaki, 4,520,230, Cl. 174-107.000.
- Yamada, Noriaki: *See—*
  - Hayakawa, Masanori; Yamada, Noriaki; Kawamoto, Hiromi; and Nishimura, Satoshi, 4,551,260, Cl. 252-62.590.
- Yamada, Noriyuki, to Motorola, Inc. Protective power foldback circuit for a power semiconductor. 4,531,173, 7-23-85, Cl. 361-86.000.
- Yamada, Osamu; Murooka, Hideyasu; Ono, Kaoru; and Miyashita, Akimi, to Hitachi, Ltd. Hot press. 4,557,792, 12-10-85, Cl. 156-583.100.
- Yamada, Osamu: *See—*
  - Ninagawa, Yoichi; Yamada, Osamu; Renge, Tsumoru; Kyo, Sunao; Osaki, Takayoshi; and Kushida, Koichi, 4,511,751, Cl. 585-608.000.
  - Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, 4,531,964, Cl. 71-92.000.
  - Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, 4,561,880, Cl. 71-92.000.
- Yamada, Sachiko: *See—*
  - Takayama, Hiroaki; Yamada, Sachiko; Nakayama, Keiko; and Suda, Tatsuo, 4,517,125, Cl. 260-397.200.
- Yamada, Sadahiko: *See—*
  - Harada, Masato; Miya, Shinya; Yamada, Sadahiko; and Iijima, Makoto, 4,551,439, Cl. 502-107.000.
- Yamada, Sadami: *See—*
  - Tamura, Kaoru; and Yamada, Sadami, 4,555,213, Cl. 414-412.000.
- Yamada, Sadayoshi: *See—*
  - Motomura, Noriyuki; Tsuboi, Hiroyuki; and Yamada, Sadayoshi, 4,559,991, Cl. 164-457.000.
  - Nakamura, Hiromi; Mochizuki, Zenichi; Motomura, Noriyuki; and Yamada, Sadayoshi, 4,510,371, Cl. 219-121.0LM.
- Yamada, Sakae: *See—*
  - Hibino, Yozo; and Yamada, Sakae, 4,502,833, Cl. 415-17.000.
- Yamada, Seiji: *See—*
  - Eguchi, Kiyohisa; Kitamura, Norio; Ohta, George; Okamura, Terumasa; and Yamada, Seiji, 4,532,055, Cl. 252-28.000.
  - Hokamura, Sadakazu; Yamada, Seiji; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,514,445, Cl. 427-410.000.
  - Izumi, Asashiro; Mikami, Yoshiharu; and Yamada, Seiji, 4,535,855, Cl. 177-1.000.
  - Minamida, Kazukiyo; Haze, Setsuo; and Yamada, Seiji, 4,508,185, Cl. 177-1.000.
- Yamada, Shigeki: *See—*
  - Chibata, Ichiro; Yamada, Shigeki; Hongo, Chikara; and Yoshioka, Ryuzo, 4,519,955, Cl. 260-501.120.
- Yamada, Shigemichi: *See—*
  - Akashi, Teruo; Ito, Hiroshi; and Yamada, Shigemichi, 4,548,101, Cl. 74-720.000.
- Yamada, Shigeo: *See—*
  - Takawashi, Tamio; Sakakibara, Toshimitsu; and Yamada, Shigeo, 4,554,428, Cl. 219-69.00G.
  - Yokoyama, Hideo; Tomita, Seiji; and Yamada, Shigeo, 4,519,558, Cl. 242-186.000.
- Yamada, Shigeru, to Casio Computer Co., Ltd. Bar code recognition apparatus. 4,533,825, 8-6-85, Cl. 235-463.000.
- Yamada, Shigeru: *See—*
  - Kawashima, Susumu; and Yamada, Shigeru, 4,543,869, Cl. 84-1.010.
  - Kawashima, Susumu; and Yamada, Shigeru, 4,553,465, Cl. 84-1.030.
- Yamada, Shinichi: *See—*
  - Takagi, Akihiro; Yamada, Shinichi; and Sugawara, Syohel, 4,543,574, Cl. 340-825.500.
- Yamada, Shinji; and Hanafusa, Saburo, to Oiles Industry Co., Ltd.; and Mitsuya Seiko Co. Ltd. Sliding member. 4,505,987, 3-19-85, Cl. 428-553.000.
- Yamada, Shinji, to Sharp Kabushiki Kaisha. Auto tuning receiver with a tuning information memory. 4,509,203, 4-2-85, Cl. 455-166.000.
- Yamada, Shinjiro, to Mitsui Kinzoku Kogyo Kabushiki Kaisha. Automotive door latch system including a childproofing mechanism. 4,492,395, 1-8-85, Cl. 292-216.000.
- Yamada, Shinjiro, to Mitsui Kinzoku Kogyo Kabushiki Kaisha. Locking device. 4,518,181, 5-21-85, Cl. 292-201.000.
- Yamada, Shinjiro, to Mitsui Kinzoku Kogyo Kabushiki Kaisha. Automobile locking apparatus. 4,538,845, 9-3-85, Cl. 292-216.000.
- Yamada, Shozo: *See—*
  - Fujimura, Hajime; Hiramatsu, Yasuzo; Yamazaki, Tomio; Yamada, Shozo; and Honna, Takaji, 4,518,712, Cl. 514-255.000.
- Yamada, Shuji: *See—*
  - Tsuji, Koji; and Yamada, Shuji, 4,502,899, Cl. 148-431.000.
- Yamada, Shunichi: *See—*
  - Ogawa, Yutaka; Yamada, Shunichi; and Hamanaka, Toshiyuki, 4,559,193, Cl. 264-60.000.
- Yamada, Shunsuke; Kawate, Kenji; Ono, Takashi; Arakawa, Hideo; and Suda, Tsuyoshi, to Daido Tokushuko Kabushiki Kaisha. Heat-treatment system and process. 4,496,312, 1-29-85, Cl. 432-11.000.
- Yamada, Steve. Frame straightening device. 4,538,444, 9-3-85, Cl. 72-447.000.

- Yamada, Sumio: *See—*
  - Sudo, Fumio; Fujii, Tetsuya; Kato, Yoshiei; Yamada, Sumio; and Emoto, Kanji, 4,543,125, Cl. 75-51.500.
- Yamada, Susumu: *See—*
  - Hiroyasu, Minoru; Yamagishi, Shigeru; Yamashita, Hideo; Yamada, Susumu; and Takahashi, Koji, 4,545,706, Cl. 408-1.0BD.
- Yamada, Tadayuki: *See—*
  - Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,545,070, Cl. 382-48.000.
  - Miyagawa, Michiaki; Ohki, Kouichi; Takaya, Matsuhiko; Fujihara, Naoto; and Yamada, Tadayuki, 4,555,801, Cl. 382-44.000.
- Yamada, Takaaki; Tsuda, Yukio; and Yamakoshi, Akira, to Sony Corporation. Tuning apparatus of phase-locked loop type. 4,521,744, 6-4-85, Cl. 331-1.00A.
- Yamada, Takaaki; and Sekino, Takeo, to Sony Corporation. Analog-to-digital converter. 4,533,903, 8-6-85, Cl. 340-347.0AD.
- Yamada, Takahiro, to Hitachi, Ltd.; and Hitachi Koki Co., Ltd. Ink jet charge phasing apparatus. 4,524,366, 6-18-85, Cl. 346-75.000.
- Yamada, Takahiro, to Matsushita Electric Industrial Co., Ltd. Solid-state image display device. 4,554,485, 11-19-85, Cl. 315-169.300.
- Yamada, Takahiro: *See—*
  - Suzumura, Nobuyasu; Umebayashi, Kazuyuki; and Yamada, Takahiro, 4,503,504, Cl. 364-425.000.
- Yamada, Takao: *See—*
  - Matsumoto, Akio; and Yamada, Takao, 4,525,609, Cl. 200-38.00R.
  - Matsumoto, Akio; and Yamada, Takao, 4,553,851, Cl. 368-205.000.
  - Ueyama, Tamotsu; and Yamada, Takao, 4,493,789, Cl. 252-514.000.
- Yamada, Takashi; and Shimamoto, Mamoru, to Nippondenso Co., Ltd. Periodic signal detecting circuit including comparator circuit with variable threshold and varying time constant. 4,549,099, 10-22-85, Cl. 307-359.000.
- Yamada, Takashi, to Olympus Optical Co., Ltd. Colorimetric method and apparatus. 4,558,953, 12-17-85, Cl. 356-409.000.
- Yamada, Takehisa: *See—*
  - Itoh, Yasuo; Kato, Hideo; Matsumura, Kugako; Nishikawa, Tomoyasu; Hisano, Akira; Yamada, Takehisa; and Koshinaka, Eiichi, 4,534,980, Cl. 514-570.000.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, to Nippon Kokan Kabushiki Kaisha. Exhaust valve for diesel engine and production thereof. 4,530,322, 7-23-85, Cl. 123-188.0AA.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, to Nippon Kokan Kabushiki Kaisha. Exhaust valve for diesel engine and production thereof. 4,554,897, 11-26-85, Cl. 123-188.0AA.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, to Nippon Kokan Kabushiki Kaisha. Exhaust valve for diesel engine and production thereof. 4,554,898, 11-26-85, Cl. 123-188.0AA.
- Yamada, Takemi; Satoh, Tamataro; Mizushina, Masaaki; Toyota, Koji; and Okamoto, Hiromi, to Nippon Kokan Kabushiki Kaisha. Exhaust valve for diesel engine and production thereof. 4,556,022, 12-3-85, Cl. 123-188.0AA.
- Yamada, Takeo; Uesugi, Mitsuaki; and Okamura, Masaru, to Nippon Kokan Kabushiki Kaisha. Method and apparatus for detecting flaw on threads of male screw. 4,544,268, 10-1-85, Cl. 356-394.000.
- Yamada, Takeo; Harada, Naoki; and Imai, Kiyotaka, to Nippon Kokan Kabushiki Kaisha. Method for continuously measuring surface temperature of heated steel strip. 4,553,854, 11-19-85, Cl. 374-129.000.
- Yamada, Takeshi; Ohashi, Hideki; and Tanimoto, Masahiro, to Horiba, Ltd. Crucible cassette for automatic apparatus for analyzing metals. 4,559,201, 12-17-85, Cl. 422-63.000.
- Yamada, Takeshi: *See—*
  - Akaba, Hayao; Yamada, Takeshi; and Jinbo, Masahiro, 4,537,480, Cl. 351-235.000.
- Yamada, Takeshiro: *See—*
  - Iwata, Nobutoshi; Fukushima, Kiyoshi; Fujino, Shinji; Yamada, Takeshiro; Hao, Hideyuki; Tanaka, Shigeo; and Mitsuno, Tatsuyuki, 4,499,238, Cl. 525-98.000.
- Yamada, Takeyoshi: *See—*
  - Ueda, Fumio; Hashimoto, Eiichi; Yamada, Takeyoshi; and Mori, Koh, 4,493,714, Cl. 55-16.000.
- Yamada, Tateo; Kimura, Hiroyuki; and Taka, Hideo, to Canon Kabushiki Kaisha. Automatic film rewinding device. 4,542,865, 9-24-85, Cl. 242-205.000.
- Yamada, Teruaki: *See—*
  - Akisue, Osamu; Yamada, Teruaki; Ueda, Shigeru; Tokunaga, Yoshikuni; and Yamada, Masato, 4,551,182, Cl. 148-12.00C.
- Yamada, Tetsuo: *See—*
  - Kawahito, Takashi; Himukashi, Yoshinori; and Yamada, Tetsuo, 4,517,168, Cl. 423-344.000.
  - Okumoto, Tadaoki; Sugimoto, Masatoshi; Horiuchi, Noriyuki; Sahara, Seiichi; Yamada, Tetsuo; Hashimoto, Kinrou; Ichikawa, Masayoshi; and Ninomiya, Fujio, 4,491,621, Cl. 428-519.000.
- Yamada, Tetsusyo; and Nakayama, Yutaka, to NGK Spark Plug Co., Ltd. Oxygen sensor. 4,498,968, 2-12-85, Cl. 204-412.000.
- Yamada, Tetsusyo, to NGK Spark Plug Co., Ltd. Oxygen sensor. 4,505,806, 3-19-85, Cl. 204-425.000.
- Yamada, Tetsusyo, to NGK Spark Plug Co., Ltd. Oxygen sensor. 4,505,807, 3-19-85, Cl. 204-425.000.
- Yamada, Tomiaki; Sazanami, Tsuneo; Watanabe, Keiichiro; Iida, Takamitsu; Hasegawa, Eiichi; and Sakamoto, Masahiro, to JGC Corporation; and Kansai Paint Co., Ltd. Continuous alcohol fermentation process using immobilized yeast. 4,546,081, 10-8-85, Cl. 435-161.000.
- Yamada, Tomiaki: *See—*
  - Watanabe, Keiichiro; Yamada, Tomiaki; Sazanami, Tsuneo; and Asahara, Eiko, 4,562,154, Cl. 435-162.000.
- Yamada, Tominori: *See—*
  - Yamato, Isao; and Yamada, Tominori, 4,537,564, Cl. 417-313.000.
- Yamada, Tomoharu: *See—*
  - Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.
- Yamada, Toshiaki, to Matsushita Electric Industrial Co., Ltd. Electromagnet yoke structure. 4,547,757, 10-15-85, Cl. 335-296.000.
- Yamada, Toshiaki, to Alps Electric Co., Ltd. Omnidirectional change-over switch. 4,559,420, 12-17-85, Cl. 200-6.00A.
- Yamada, Tosimichi; and Yoshida, Hideo, to Nihon Plast Company, Limited. Multi-stage actuator. 4,531,450, 7-30-85, Cl. 92-37.000.
- Yamada, Yasuaki; Ozawa, Toshiaki; and Kondo, Hiroatsu, to Canon Kabushiki Kaisha. Servo control apparatus. 4,511,830, 4-16-85, Cl. 318-318.000.
- Yamada, Yasuaki, to Canon Kabushiki Kaisha. Margin and tab stop determining apparatus responsive to page edge sensor. 4,540,299, 9-10-85, Cl. 400-708.000.
- Yamada, Yasuaki: *See—*
  - Kikukawa, Noriyuki; and Yamada, Yasuaki, 4,513,236, Cl. 318-696.000.
  - Kondo, Hiroatsu; Ozawa, Toshiaki; and Yamada, Yasuaki, 4,494,886, Cl. 400-208.000.
  - Ueda, Hiroyuki; Yamada, Yasuaki; Ozawa, Toshiaki; Nakajima, Hiroharu; and Kondo, Hiroatsu, 4,558,965, Cl. 400-144.200.
- Yamada, Yasuhiro; and Mori, Takaro, to Victor Company of Japan, Ltd. Data reproducing apparatus for reproducing digital data recorded on multi-tracks. 4,499,507, 2-12-85, Cl. 360-26.000.
- Yamada, Yasuhiro, to Victor Company of Japan, Ltd. Data reading apparatus for data transmission. 4,504,960, 3-12-85, Cl. 375-94.000.
- Yamada, Yasuji, to Sanraku-Ocean Co., Ltd. β-Aminoacid derivatives and process for production thereof. 4,506,085, 3-19-85, Cl. 549-451.000.
- Yamada, Yasuji: *See—*
  - Fukushima, Masanori; Hirai, Osamu; Manda, Toshitaka; Kikuchi, Hiroyuki; Tsukitani, Yasumasa; Shimizu, Iwao; and Yamada, Yasuji, 4,560,703, Cl. 514-530.000.
- Yamada, Yasuo, to Yoshida Kogyo K.K. Method of and apparatus for piling up tapes. 4,546,935, 10-15-85, Cl. 242-170.000.
- Yamada, Yasuo: *See—*
  - Takai, Kazuki; Hakumoto, Mitsuhiro; and Yamada, Yasuo, 4,525,756, Cl. 360-75.000.
- Yamada, Yasutsugu, to Nippon Tensaiseito Kabushiki Kaisha. Wood improver and a method of improving the quality of wood. 4,560,619, 12-24-85, Cl. 428-541.000.
- Yamada, Yasuyoshi; and Hiraga, Ryozo, to Canon Kabushiki Kaisha. Apparatus for processing a signal for aligning. 4,515,481, 5-7-85, Cl. 356-400.000.
- Yamada, Yasuyuki, to Canon Kabushiki Kaisha. Auto-focus camera. 4,511,232, 4-16-85, Cl. 354-403.000.
- Yamada, Yasuyuki, to Canon Kabushiki Kaisha. Display device for view finder. 4,530,583, 7-23-85, Cl. 354-224.000.
- Yamada, Yasuyuki; Nishizawa, Tsutomu; Mikoda, Tamio; Miyahara, Tooru; and Kikutsugi, Masaharu, to Mitsui Toatsu Chemicals, Inc. Dichroic dye and liquid crystalline composition for color display. 4,552,684, 11-12-85, Cl. 252-299.100.
- Yamada, Yasuyuki; Miyoshi, Takahito; Okutsu, Toshimitsu; and Fujiyama, Masaaki, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,552,807, 11-12-85, Cl. 428-323.000.
- Yamada, Yasuyuki; Tanaka, Tadaaki; Tukahara, Ryoichi; and Nishizawa, Tsutomu, to Mitsui Toatsu Chemicals, Inc. Composition for liquid crystal color display. 4,555,355, 11-26-85, Cl. 252-299.100.
- Yamada, Yasuyuki: *See—*
  - Shirahata, Ryuji; Yamada, Yasuyuki; Kitamoto, Tatsuji; and Akashi, Goro, 4,503,119, Cl. 428-336.000.
  - Yamamoto, Yoshikazu; Mizuguchi, Ryuzo; and Yamada, Yasuyuki, 4,536,474, Cl. 435-42.000.
  - Yamauchi, Koichi; Tsuji, Nobuo; Yamada, Yasuyuki; Funabashi, Shinichi; and Kiyama, Masatoshi, 4,503,120, Cl. 428-336.000.
- Yamada, Yoneo: *See—*
  - Fujiwara, Koichi; Sakai, Tomohiko; Yamada, Yoneo; and Higashine, Kazutaka, 4,493,739, Cl. 148-111.000.
- Yamada, Yoshichika: *See—*
  - Yano, Kiyotoshi; Suzuki, Yutaka; and Yamada, Yoshichika, 4,522,372, Cl. 251-141.000.
- Yamada, Yoshihisa: *See—*
  - Oine, Toyonari; Yamada, Yoshihisa; Wagatsuma, Mitsuyoshi; Yamaguchi, Totaro; and Ohshima, Satoshi, 4,547,494, Cl. 514-204.000.
- Yamada, Yoshikado: *See—*
  - Iwamoto, Ken-ichi; Kawano, Tadaaki; Uchiyama, Hiroaki; Fukunaga, Takahiro; Fujiwara, Katsuyoshi; and Yamada, Yoshikado, 4,552,453, Cl. 355-57.000.
- Yamada, Yoshimi; Ooishi, Tadashi; Kato, Toshiro; and Mukai, Kunio, to Sumitomo Chemical Company, Limited. Soil disinfectant. 4,507,284, 3-26-85, Cl. 514-140.000.
- Yamada, Yoshio: *See—*
  - Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.
  - Otani, Kozo; Yamada, Yoshio; and Okumura, Hiroyuki, 4,504,648, Cl. 528-76.000.
  - Otani, Kozo; and Yamada, Yoshio, 4,515,981, Cl. 560-50.000.
  - Otani, Kozo; and Yamada, Yoshio, 4,537,945, Cl. 528-68.000.

Yamada, Yoshiyasu, to Nissan Motor Company, Limited. Window mould. 4,523,783, 6-18-85, Cl. 296-93.000.

Yamada, Yu, to Canon Kabushiki Kaisha. Image forming apparatus. 4,523,838, 6-18-85, Cl. 355-66.000.

Yamada, Yu, to Canon Kabushiki Kaisha. Image rotating optical system. 4,529,276, 7-16-85, Cl. 350-445.000.

Yamada, Yu: *See—*
Tokuhara, Mitsuhiro; and Yamada, Yu, 4,560,242, Cl. 350-425.000.

Yamada, Yukihiko, to Kyodo Electric Co., Ltd. Multi-headed screw. 4,502,825, 3-5-85, Cl. 411-5.000.

Yamada, Yukihiko: *See—*
Ishii, Nobuyoshi; and Yamada, Yukihiko, 4,504,180, Cl. 411-5.000.

Yamada, Yukio; Itahana, Hiroshi; and Kuwana, Hisashi, to Hitachi, Ltd. Gate turn-off thyristor stack. 4,492,975, 1-8-85, Cl. 357-76.000.

Yamada, Yukiyoshi; and Yasuguchi, Masayuki, to Nisshin Flour Milling Co., Ltd.; and Nisshin Engineering Co., Ltd. Powder classifier. 4,560,471, 12-24-85, Cl. 209-144.000.

Yamada, Yutaka: *See—*
Wada, Hitoshi; Tachikawa, Kyoji; Yamada, Yutaka; and Murase, Satoru, 4,508,578, Cl. 148-11.50F.

Yamaga, Joji: *See—*
Suzuki, Ryushi; and Yamaga, Joji, 4,548,622, Cl. 55-204.000.

Yamaga, Katsuji: *See—*
Orikasa, Wataru; Tochimoto, Kunio; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; and Saito, Hiroshi, 4,555,286, Cl. 156-94.000.
Orikasa, Wataru; Ohara, Makoto; Mori, Tomoyuki; Shigetomi, Masayoshi; Yamaga, Katsuji; Matsui, Masaaki; Saito, Hiroshi; and Soda, Hiroshi, 4,555,295, Cl. 156-349.000.

Yamaga, Shigeru; and Furukawa, Masamichi, to Ricoh Company, Ltd. Energy saving camera. 4,494 854, 1-22-85, Cl. 354-484.000.

Yamagami, Hiroyuki; Hayashi, Yasuhiro; Deguchi, Naoyasu; and Imai, Kiyoshi, to Fuji Photo Film Co., Ltd. Color reversal light-sensitive material. 4,558,000, 12-10-85, Cl. 430-504.000.

Yamagami, Hiroyuki: *See—*
Hayashi, Yasuhiro; Deguchi, Naoyasu; Yamagami, Hiroyuki; Goda, Kensuke; and Hasebe, Kazunori, 4,554,245, Cl. 430-567.000.

Yamagami, Kazuo: *See—*
Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.

Yamagami, Nobuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Graphic display device having graphic generator for shading graphs. 4,538,144, 8-27-85, Cl. 340-747.000.

Yamagami, Tamotsu: *See—*
Ogawa, Hiroshi; and Yamagami, Tamotsu, 4,539,691, Cl. 375-37.000.

Yamagami, Yousuke: *See—*
Nishida, Takeshi; Yamagami, Yousuke; Takeda, Toshihide; and Saito, Toshio, 4,547,906, Cl. 2-93.000.

Yamagata, Ichiro, to Tokyo Shibaura Denki Kabushiki Kaisha. Multistage hydraulic machine. 4,502,835, 3-5-85, Cl. 415-104.000.

Yamagata, Ichiro; and Sato, Shinsaku, to Tokyo Shibaura Denki Kabushiki Kaisha. Multi-stage hydraulic machine and control method for multi-stage hydraulic machine. 4,538,957, 9-3-85, Cl. 415-1.000.

Yamagata, Ichiro: *See—*
Sato, Shinsaku; and Yamagata, Ichiro, 4,502,831, Cl. 415-1.000.

Yamagata, Kenji: *See—*
Moriyama, Yoshiaki; and Yamagata, Kenji, 4,554,529, Cl. 340-347.0DD.

Yamagata, Seiichi: *See—*
Kajita, Koji; Nakayama, Takashi; and Yamagata, Seiichi, 4,509,321, Cl. 57-328.000.
Sakai, Masaaki; Sato, Kenji; and Yamagata, Seiichi, 4,546,020, Cl. 428-16.000.

Yamagata, Selichi: *See—*
Nakayama, Takashi; Kajita, Kohji; and Yamagata, Selichi, 4,495,761, Cl. 57-328.000.

Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, to Mitsubishi Denki Kabushiki Kaisha. Circuit interrupter. 4,559,423, 12-17-85, Cl. 200-144.00R.

Yamagata, Shinji: *See—*
Murata, Shirou; Yoshiyasu, Hajimu; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,002, Cl. 200-144.00C.
Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,003, Cl. 200-144.00C.
Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,521,653, Cl. 200-144.00C.

Yamagata, Syuzi: *See—*
Suzuki, Takashi; Yamagata, Syuzi; and Osako, Jyunji, 4,505,354, Cl. 180-297.000.

Yamagata, Tetsuo: *See—*
Inoue, Kazuo; and Yamagata, Tetsuo, 4,497,301, Cl. 123-486.000.
Sato, Toshihiko; and Yamagata, Tetsuo, 4,546,746, Cl. 123-478.000.
Tanaka, Shuji; Nakamura, Shigehira; Sakamoto, Tuneaki; Hirakata, Yoshiaki; and Yamagata, Tetsuo, 4,558,460, Cl. 381-86.000.

Yamagata, Toshio: *See—*
Moriya, Takeo; Yamagata, Toshio; and Sugiyama, Yasunori, 4,559,293, Cl. 430-271.000.
Schwartz, Michael A.; and Yamagata, Toshio, 4,494,457, Cl. 101-217.000.

Yamagata, Toshitaka, to Amada Company, Limited. Nozzle and power-feed element for wire-cut electrical discharge machine. 4,539,459, 9-3-85, Cl. 219-69.00W.

Yamagishi, Choho: *See—*
Nonaka, Toshio; Nakamura, Hiroshi; and Yamagishi, Choho, 4,540,446, Cl. 148-1.500.

Yamagishi, Kagari: *See—*
Itho, Yasuo; Kato, Hideo; Ogawa, Nobuo; Yamagishi, Kagari; Koshinaka, Eiichi; and Mitani, Kazuya, 4,525,356, Cl. 514-234.000.

Yamagishi, Masahiro: *See—*
Najima, Tetsuo; Tetsuta, Setsuya; Sawata, Yukitaka; and Yamagishi, Masahiro, 4,508,620, Cl. 209-500.000.

Yamagishi, Seiichi: *See—*
Nakatani, Keiji; Yamagishi, Seiichi; and Ishii, Kenjiro, 4,524,315, Cl. 318-603.000.

Yamagishi, Shigeru: *See—*
Hiroyasu, Minoru; Yamagishi, Shigeru; Yamashita, Hideo; Yamada, Susumu; and Takahashi, Koji, 4,545,706, Cl. 408-1.0BD.
Hiroyasu, Minoru; Yamashita, Hideo; Ohguro, Tamotsu; Yamagishi, Shigeru; and Shino, Shigenari, 4,555,205, Cl. 408-150.000.

Yamagishi, Takashi, to Turbo Kogyo Co., Ltd. Opposed type jet mill. 4,524,915, 6-25-85, Cl. 241-39.000.

Yamagishi, Takashi: *See—*
Kanai, Tamaki; Yoshikawa, Hirofumi; Yamagishi, Takashi; Suzuki, Kenji; and Ohta, Yoshikatsu, 4,492,719, Cl. 427-171.000.
Noguchi, Yukio; and Yamagishi, Takashi, 4,495,299, Cl. 501-72.000.

Yamagishi, Takasi; and Noguchi, Yukio, to Nippon Sheet Glass Co., Ltd. Thallium-containing optical glass. 4,495,298, 1-22-85, Cl. 501-55.000.

Yamagishi, Takeshi, to Yasui Sangyo Co., Ltd. Garage jack for lifting an automobile. 4,513,950, 4-30-85, Cl. 254-8.00B.

Yamagiwa, Akira: *See—*
Matsuzaki, Isokazu; Yamagiwa, Akira; Watanabe, Yutaka; Matsumoto, Takashi; and Yabe, Katsumi, 4,516,039, Cl. 307-455.000.

Yamagiwa, Kazuo, to Sony Corporation. Circuit for generating a sum or differential frequency signal. 4,558,283, 12-10-85, Cl. 328-160.000.

Yamagiwa, Kazuo: *See—*
Fujimura, Yasushi; Okada, Takashi; and Yamagiwa, Kazuo, 4,533,949, Cl. 358-122.000.

Yamagiwa, Masao: *See—*
Horikiri, Shozo; Kadokura, Hidekimi; Harakawa, Masaji; Saegusa, Kunio; and Yamagiwa, Masao, 4,495,121, Cl. 264-56.000.

Yamagiwa, Tamio, to Hi-Sonic Co., Ltd. Valve for automatic stoppage of water supply. 4,522,226, 6-11-85, Cl. 137-390.000.

Yamagiwa, Tokio; Ishikawa, Toshio; Ozawa, Jun; Endo, Kaoru; and Hosokawa, Masao, to Hitachi, Ltd. Method of testing and verifying a performance for insulation to ground of a disconnecting switch when breaking a charging current. 4,549,132, 10-22-85, Cl. 324-54.000.

Yamaguchi, Akihiro: *See—*
Kawashima, Saburo; and Yamaguchi, Akihiro, 4,556,738, Cl. 564-329.000.
Yamaguchi, Keizaburo; Sugimoto, Kenichi; Tanabe, Yoshimitsu; Kawashima, Saburo; and Yamaguchi, Akihiro, 4,540,818, Cl. 564-330.000.

Yamaguchi, Akio: *See—*
Miyata, Hiroyasu; Yamaguchi, Akio; and Watanabe, Keizo, 4,492,125, Cl. 74-10.330.

Yamaguchi, Akira: *See—*
Matsuo, Kenji; and Yamaguchi, Akira, 4,535,305, Cl. 331-111.000.
Suzuki, Yasoji; Matsuo, Kenji; and Yamaguchi, Akira, 4,529,897, Cl. 307-571.000.

Yamaguchi, Fumio: *See—*
Matsuura, Ichiro; and Yamaguchi, Fumio, 4,537,863, Cl. 501-15.000.

Yamaguchi, Hidefumi, to International Business Machines Corporation. Deflection distortion correcting circuit. 4,501,996, 2-26-85, Cl. 315-371.000.

Yamaguchi, Hirohisa; Yamada, Kazuo; and Miyasato, Tsutomu, to Kokusai Denshin Denwa Co., Ltd. Sampling frequency conversion device. 4,536,745, 8-20-85, Cl. 340-347.0DD.

Yamaguchi, Hiroji; Hayashi, Masaharu; and Itakura, Masato, to Aisin Seiki Kabushiki Kaisha. Temperature-responsive fluid coupling device. 4,544,053, 10-1-85, Cl. 192-58.00B.

Yamaguchi, Hiroshi; Miyauchi, Tateoki; Shimase, Akira; and Hongo, Mikio, to Hitachi, Ltd. Ion beam processing apparatus and method of correcting mask defects. 4,503,329, 3-5-85, Cl. 250-309.000.

Yamaguchi, Hiroshi; Sawamoto, Kunifumi; Sanbuichi, Hiroshi; Morita, Tatsuo; and Takizawa, Satoshi, to Nissan Motor Company, Limited. Back-up system and method for engine coolant temperature sensor in electronic engine control system. 4,556,029, 12-3-85, Cl. 123-41.150.

Yamaguchi, Hiroshi: *See—*
Yamasaki, Syuichi; Yamaguchi, Hiroshi; and Taniguchi, Yousuke, 4,559,200, Cl. 420-492.000.

Yamaguchi, Hirotsugu: *See—*
Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,513,835, Cl. 180-142.000.
Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,530,414, Cl. 180-142.000.
Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; Fukino, Masato; and Aoyama, Yutaka, 4,541,499, Cl. 180-142.000.

Yamaguchi, Hisao: *See—*
Suzuki, Yoji; Imaizumi, Atsushi; Yamaguchi, Hisao; Kanesaki, Masaharu; and Ono, Shoji, 4,500,639, Cl. 435-244.000.

Yamaguchi, Hisashi; Asano, Toru; Takahara, Kazuhiro; Kurahashi, Keizo; and Andoh, Shizuo, to Fujitsu Limited. Touch sensing device. 4,550,310, 10-29-85, Cl. 340-365.00C.

Yamaguchi, Hisashi: *See*—
  Yoshikawa, Kazuo; Yamaguchi, Hisashi; and Asano, Toru, 4,556,871, Cl. 340-365.00C.

Yamaguchi, Hitohisa; Fuse, Kenichiro; and Yoshida, Takeshi, to Toyota Jidosha Kabushiki Kaisha. Vehicle body structure for preventing water suction into an air cleaner. 4,516,650, 5-14-85, Cl. 180-68.300.

Yamaguchi, Hitoshi: *See*—
  Kaneda, Hidehiko; Inagaki, Natsuo; and Yamaguchi, Hitoshi, 4,526,239, Cl. 173-73.000.

Yamaguchi, Ikutoshi; and Kajigaya, Shinichi, to Bridgestone Tire Company Limited. Marine fenders. 4,545,316, 10-8-85, Cl. 114-219.000.

Yamaguchi, Isaburo: *See*—
  Yamaguchi, Yozo, 4,497,187, Cl. 66-87.000.

Yamaguchi, Isao; Sasamori, Yusuke; and Takaoka, Hideo, to Matsushita Electric Industrial Co., Ltd. Magnification changing device for copying machine. 4,561,770, 12-31-85, Cl. 355-57.000.

Yamaguchi, Izumi, to Kabushiki Kaisha Nagaoka. Level with two guide frames and ball in each. 4,514,908, 5-7-85, Cl. 33-365.000.

Yamaguchi, Katsuhiko: *See*—
  Igarashi, Kazumasa; Yamaguchi, Katsuhiko; and Tanaka, Munekazu, 4,499,252, Cl. 528-38.000.
  Igarashi, Kazumasa; Yamaguchi, Katsuhiko; Iko, Kazuo; and Miki, Kazuyuki, 4,520,075, Cl. 428-435.000.

Yamaguchi, Katsumi; Takai, Kazuki; and Okada, Hitoshi, to Clarion Co., Ltd. Tape player having motor-driven tape-pack loading mechanism. 4,511,940, 4-16-85, Cl. 360-96.600.

Yamaguchi, Kazuaki: *See*—
  Momose, Yutaka; Yamaguchi, Kazuaki; Okamoto, Masayoshi; Hoshino, Ryoichi; and Tanaka, Hiroki, 4,532,771, Cl. 62-6.000.

Yamaguchi, Kazuo: *See*—
  Nakahata, Kozo; Kawaguchi, Ikuo; and Yamaguchi, Kazuo, 4,528,634, Cl. 364-491.000.

Yamaguchi, Kazuyuki: *See*—
  Masuda, Teruo; and Yamaguchi, Kazuyuki, 4,494,532, Cl. 128-71.000.

Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, to Yokogawa Hokushin Electric Corporation. X-Ray detector and method of making same. 4,491,734, 1-1-85, Cl. 250-385.000.

Yamaguchi, Keiki; and Sano, Shinichi, to Yokogawa Hokushin Electric Corporation. Ultrasonic probe for puncture treatment. 4,501,278, 2-26-85, Cl. 128-660.000.

Yamaguchi, Keiki; Ogawa, Tadashi; Mitamura, Masayoshi; and Shimizu, Tooru, to Yokogawa Hokushin Electric Corporation. X-Ray computerized tomograph. 4,532,644, 7-30-85, Cl. 378-16.000.

Yamaguchi, Keizaburo; Sugimoto, Kenichi; Tanabe, Yoshimitsu; Kawashima, Saburo; and Yamaguchi, Akihiro, to Mitsui Toatsu Chemicals, Inc. Process for preparation of 3,3'- or 3,4'-diaminodiphenylmethane. 4,540,818, 9-10-85, Cl. 564-330.000.

Yamaguchi, Ken, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle air cleaner arrangement. 4,509,613, 4-9-85, Cl. 180-219.000.

Yamaguchi, Ken, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle radiator. 4,516,630, 5-14-85, Cl. 165-47.000.

Yamaguchi, Kenshiro: *See*—
  Mehada, Masashi; Yoshimura, Shozo; Yamaguchi, Kenshiro; and Iwao, Osamu, 4,510,207, Cl. 428-607.000.

Yamaguchi, Kimitoshi: *See*—
  Inoue, Satoru; Uchida, Mitsuru; Yamaguchi, Kimitoshi; Aoki, Mitsuo; Tomita, Masami; and Uematsu, Chiaki, 4,562,136, Cl. 430-107.000.

Yamaguchi, Kinya: *See*—
  Kobayashi, Yukio; Kira, Masaaki; and Yamaguchi, Kinya, 4,496,640, Cl. 429-213.000.
  Kobayashi, Yukio; Yamaguchi, Kinya; and Kira, Masaaki, 4,560,633, Cl. 429-213.000.

Yamaguchi, Kiyoshi. Bicycle. 4,560,182, 12-24-85, Cl. 280-257.000.

Yamaguchi, Kiyoshi: *See*—
  Nobuhara, Masahiro; Yamaguchi, Kiyoshi; and Mochida, Ei, 4,548,900, Cl. 435-68.000.

Yamaguchi, Masaharu, to Iwao Jiki Kogyo Kabushiki Kaisha. Tile holding device for presetting tiles. 4,513,941, 4-30-85, Cl. 249-91.000.

Yamaguchi, Masahiko; Gonda, Michihiro; Satoh, Yutaka; and Kanasugi, Mikiko, to Hodogaya Chemical Co., Ltd. Heat sensitive record sheet. 4,510,513, 4-9-85, Cl. 346-214.000.

Yamaguchi, Masanori; Tsutsumi, Yasuyuki; Nogita, Shunsuke; Shimada, Kazunari; and Maruko, Saburo, to Hitachi, Ltd.; and Nippon Chemical Plant Consultant Co., Ltd. Differential-pressure control device for a fuel cell. 4,528,251, 7-9-85, Cl. 429-25.000.

Yamaguchi, Masanori: *See*—
  Sasaki, Yutaka; Kiyomiya, Yutaka; Nakamura, Toshio; Nakamura, Yoshimi; and Yamaguchi, Masanori, 4,536,483, Cl. 502-20.000.

Yamaguchi, Masayoshi: *See*—
  Kashihara, Tomio; Tsuruta, Toshiro; Yamaguchi, Masayoshi; Yokoi, Kiyotachi; and Suzuki, Etsuji, 4,516,673, Cl. 198-341.000.

Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, to Hitachi, Ltd. SF_6 Gas arc extinguishing electric apparatus and process for producing the same. 4,562,322, 12-31-85, Cl. 200-148.00G.

Yamaguchi, Motoo: *See*—
  Shimizu, Toshio; Satou, Takanori; Tsukui, Tsutomu; Doi, Ryouta; and Yamaguchi, Motoo, 4,562,123, Cl. 429-27.000.

Yamaguchi, Namio: *See*—
  Isobe, Mitsuo; Kutsuki, Tetsuo; Yamaguchi, Namio; and Tanaka, Toshihide, 4,524,389, Cl. 358-188.000.

Yamaguchi, Naoko: *See*—
  Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, 4,552,586, Cl. 71-94.000.

Yamaguchi, Noboru: *See*—
  Tabata, Mitsuo; Kidode, Masatsugu; and Yamaguchi, Noboru, 4,545,068, Cl. 382-41.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Tada, Sugihiko; Tadokoro, Eiichi; Ryoke, Katsumi; Utsumi, Masahiro; and Suzuki, Masami, to Fuji Photo Film Co., Ltd. Method of preparing a magnetic recording medium with a calendering treatment. 4,499,121, 2-12-85, Cl. 427-130.000.

Yamaguchi, Nobutaka; Iida, Shinobu; Okutu, Toshimitu; Miyoshi, Takahito; Tadokoro, Eiichi; and Fujiyama, Masaaki, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,544,601, 10-1-85, Cl. 428-330.000.

Yamaguchi, Nobutaka; Fujiyama, Masaaki; Ryoke, Katsumi; and Tadokoro, Eiichi, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,546,038, 10-8-85, Cl. 428-323.000.

Yamaguchi, Nobutaka; Iida, Shinobu; Utsumi, Masahiro; Okutu, Toshimitu; Masuyama, Kenichi; and Tadokoro, Eiichi, to Fuji Photo Film Co., Ltd. Magnetic recording materials. 4,551,386, 11-5-85, Cl. 428-323.000.

Yamaguchi, Nobutaka: *See*—
  Ryoke, Katsumi; Yamaguchi, Nobutaka; Yoneyama, Takashi; and Tadokoro, Eiichi, 4,497,864, Cl. 428-323.000.

Yamaguchi, Nobuyuki, to Daiwa Seiko Co., Ltd. Drag brake device for spinning reel. 4,513,925, 4-30-85, Cl. 242-84.50A.

Yamaguchi, Nobuyuki; and Sugano, Hiroshi, to Mitsubishi Jukogyo Kabushiki Kaisha. Controllable-pitch moving blade type axial fan. 4,540,335, 9-10-85, Cl. 415-129.000.

Yamaguchi, Norihisa: *See*—
  Aoki, Akihiro; Hiratsuka, Shozaburo; Yamaguchi, Norihisa; and Makino, Shoji, 4,525,384, Cl. 427-174.000.

Yamaguchi, Osamu: *See*—
  Tanaka, Motoaki; Toyama, Takanori; Ohba, Hitoshi; and Yamaguchi, Osamu, 4,500,649, Cl. 502-167.000.
  Tanaka, Motoaki; Toyama, Takanori; Oba, Hitoshi; and Yamaguchi, Osamu, 4,533,652, Cl. 502-167.000.

Yamaguchi, Ryoji: *See*—
  Kamiya, Masashi; Sumiya, Mitsuo; and Yamaguchi, Ryoji, 4,538,081, Cl. 310-90.000.

Yamaguchi, Sadaatsu: *See*—
  Nakagawa, Shinichi; Nakagawa, Tsuneo; Yamaguchi, Sadaatsu; Ihara, Kiyohiko; Amano, Toshihiko; Omori, Mitsugu; and Asano, Kohzoh, 4,499,249, Cl. 526-206.000.

Yamaguchi, Sadatsu: *See*—
  Nakagawa, Tsuneo; Yamaguchi, Sadatsu; Amano, Toshihiko; and Asano, Kohzoh, 4,546,157, Cl. 526-247.000.

Yamaguchi, Satoru: *See*—
  Takahashi, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, 4,551,634, Cl. 307-243.000.
  Takahaski, Hitoshi; Yamaguchi, Satoru; and Nunokawa, Hideo, 4,550,264, Cl. 307-264.000.

Yamaguchi, Shigehiro: *See*—
  Ichiyama, Tadashi; Yamaguchi, Shigehiro; Iuchi, Tohru; and Kuroki, Katsuro, 4,552,596, Cl. 148-31.500.
  Takafuji, Hideo; Minamida, Katsuhiro; and Yamaguchi, Shigehiro, 4,560,855, Cl. 219-121.0LD.

Yamaguchi, Shigeo; and Okutsu, Tadayoshi, to Nitto Boseki Co. Ltd. Process for producing a prepreg of a glass fiber cloth. 4,507,337, 3-26-85, Cl. 427-269.000.

Yamaguchi, Shigeru: *See*—
  Ichikawa, Yasunori; Yamaguchi, Shigeru; Kojima, Akira; and Fujiwara, Kazuhiko, 4,539,139, Cl. 252-314.000.

Yamaguchi, Shin: *See*—
  Kitagishi, Nozomu; Yamaguchi, Shin; Sakai, Shinji; Kinoshita, Takao; Kawabata, Takashi; Shinoda, Nobuhiko; and Hosoe, Kazuya, 4,547,663, Cl. 250-201.000.

Yamaguchi, Shinji: *See*—
  Akagi, Takao; Yamaguchi, Shinji; and Kubotsu, Akira, 4,522,873, Cl. 428-283.000.
  Nakagawa, Junyo; Yamaguchi, Shinji; Hirakawa, Kiyoshi; Tokunaga, Isao; and Ito, Masaaki, 4,514,459, Cl. 428-229.000.

Yamaguchi, Shinsuke: *See*—
  Yoshimura, Yoshit[illegible]; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, 4,519,431, Cl. 152-209.00R.

Yamaguchi, Shuichiro: *See*—
  Shimomura, Takeshi; Yamaguchi, Shuichiro; Ushizawa, Norihiko; and Oyama, Noboru, 4,507,194, Cl. 204-435.000.

Yamaguchi, Shunzo; Fukazawa, Takeshi; and Atsumi, Morihiro, to Nippondenso Co., Ltd. Exhaust gas cleaning apparatus. 4,505,107, 3-19-85, Cl. 60-303.000.

Yamaguchi, Shunzo; Atsumi, Morihiro; and Fukazawa, Takeshi, to Nippondenso Co., Ltd. Ceramic heater. 4,549,905, 10-29-85, Cl. 75-238.000.

- Yamaguchi, Sumio: *See—*
  - Sato, Kazuo; Yamaguchi, Sumio; Kato, Shigeo; Matsumura, Yasuhide; Mizumoto, Muneo; Okuno, Sumio; and Tamura, Naoyuki, 4,542,712, Cl. 118-726.000.
- Yamaguchi, Tadahiro; and Naito, Ryuichi, to Pioneer Electronic Corporation. Phase-locked loop detecting circuit. 4,535,306, 8-13-85, Cl. 331-23.000.
- Yamaguchi, Tadashi; Ono, Takayuki; Hirata, Michitoshi; and Yokoyama, Toshihiko, to Tohoku Metal Industries, Ltd.; and Taisei Corporation. Magnetically traceable explosives with stability and a method for the preparation thereof. 4,537,645, 8-27-85, Cl. 149-3.000.
- Yamaguchi, Takaharu: *See—*
  - Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,501,352, Cl. 198-775.000.
  - Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, 4,523,670, Cl. 198-403.000.
- Yamaguchi, Takahiro: *See—*
  - Hoshino, Fumihiko; Yamaguchi, Takahiro; Abe, Nobuyuki; Watabe, Nobuyuki; Katzukura, Yoshiteru; Hoshino, Tadahiko; Utsumi, Yoko; and Kuroda, Yoko, 4,543,259, Cl. 424-116.000.
- Yamaguchi, Takashi: *See—*
  - Ichiryu, Ken; Watanabe, Haruo; and Yamaguchi, Takashi, 4,544,129, Cl. 251-129.010.
- Yamaguchi, Takeshi: *See—*
  - Aoyagi, Yukio; Izumi, Eiki; Yamaguchi, Takeshi; and Tanaka, Sotaro, 4,561,250, Cl. 60-430.000.
  - Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,504,185, Cl. 414-700.000.
  - Yagyu, Takashi; Yamaguchi, Takeshi; Tanaka, Sotaro; and Sakaki, Yasuo, 4,534,268, Cl. 91-6.000.
- Yamaguchi, Takuji: *See—*
  - Kurono, Masayasu; Yamaguchi, Takuji; and Usui, Toshinao, 4,528,143, Cl. 260-465.00G.
- Yamaguchi, Tamikazu, to Minolta Camera Kabushiki Kaisha. High speed objective lens system with an aspheric surface. 4,514,052, 4-30-85, Cl. 350-466.000.
- Yamaguchi, Tathuya, to Olympus Optical Co., Ltd. Endoscope. 4,557,254, 12-10-85, Cl. 128-4.000.
- Yamaguchi, Tathuya: *See—*
  - Utsugi, Mikio; and Yamaguchi, Tathuya, 4,552,129, Cl. 128-4.000.
- Yamaguchi, Tatsuo: *See—*
  - Aoshima, Atsushi; Suzuki, Yoshio; Yamamatsu, Setsuo; and Yamaguchi, Tatsuo, 4,518,796, Cl. 560-208.000.
- Yamaguchi, Teruhito: *See—*
  - Tahara, Yoshiyuki; Komatsu, Yasuhiro; Koyama, Hiroyasu; Kubota, Reiko; Yamaguchi, Teruhito; and Takahashi, Toshihiro, 4,514,573, Cl. 564-387.000.
- Yamaguchi, Terumoto; and Terajima, Tsuneo, to Kabushiki Kaisha Tokai Rika Denki Seisakusho. Method of and apparatus for casting spherical metal lumps. 4,506,722, 3-26-85, Cl. 164-130.000.
- Yamaguchi, Tokundo; Kimizuka, Masanori; and Kawashima, Isao, to Sony Corporation. Magnetic tape cassette. 4,545,500, 10-8-85, Cl. 220-4.00B.
- Yamaguchi, Tomoyuki: *See—*
  - Fujii, Tadashi; Yamaguchi, Tomoyuki; Murakami, Kakuji; Kawakami, Tomiko; and Uenozono, Hiroko, 4,508,570, Cl. 106-20.000.
  - Kakeno, Sadao; Ameyama, Minoru; Ichikawa, Kenichi; Umezawa, Michio; and Yamaguchi, Tomoyuki, 4,524,365, Cl. 346-75.000.
- Yamaguchi, Toru: *See—*
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,601, Cl. 521-58.000.
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,653, Cl. 528-491.000.
- Yamaguchi, Toshiaki, to Kinugawa Rubber Industrial Co., Ltd. Method for making weatherstripping having a rough, low-friction surface. 4,511,526, 4-16-85, Cl. 264-129.000.
- Yamaguchi, Toshiyuki: *See—*
  - Takenaka, Akihiko; Arakawa, Miyao; Sato, Masahiro; and Yamaguchi, Toshiyuki, 4,513,609, Cl. 73-116.000.
- Yamaguchi, Totaro: *See—*
  - Oine, Toyonari; Yamada, Yoshihisa; Wagatsuma, Mitsuyoshi; Yamaguchi, Totaro; and Ohshima, Satoshi, 4,547,494, Cl. 514-204.000.
- Yamaguchi, Toyohiko; Kashima, Koichi; Ozutsumi, Minoru; and Morinaga, Masaru, to Hodogaya Chemical Co., Ltd.; and Katsura Sangyo Co., Ltd. Sulfur-containing polyester and process for its production. 4,504,651, 3-12-85, Cl. 528-360.000.
- Yamaguchi, Tsutomu: *See—*
  - Kubo, Takeshi; Kawano, Junji; Takahashi, Fumio; and Yamaguchi, Tsutomu, 4,551,729, Cl. 346-1.100.
- Yamaguchi, Yasuhiro; and Sakatani, Yoshiaki, to Agency of Industrial Science and Technology. Method of molding a composite body involving a thermosetting resin. 4,510,103, 4-9-85, Cl. 264-40.200.
- Yamaguchi, Yasuyuki: *See—*
  - Takagi, Kazumasa; and Yamaguchi, Yasuyuki, 4,531,116, Cl. 340-568.000.
- Yamaguchi, Yoshiharu: *See—*
  - Yoshida, Hiroshi; and Yamaguchi, Yoshiharu, 4,505,009, Cl. 24-433.000.
- Yamaguchi, Yoshiko: *See—*
  - Owada, Fumio; and Yamaguchi, Yoshiko, 4,544,934, Cl. 346-154.000.
- Yamaguchi, Yoshio: *See—*
  - Hanyu, Susumu; and Yamaguchi, Yoshio, 4,538,535, Cl. 112-270.000.
  - Mashimo, Satoshi; Tanaka, Masayuki; and Yamaguchi, Yoshio, 4,518,375, Cl. 474-205.000.
  - Suzuki, Ryoichi; and Yamaguchi, Yoshio, 4,501,588, Cl. 8-444.000.
  - Suzuki, Ryoichi; and Yamaguchi, Yoshio, 4,501,590, Cl. 8-495.000.
- Yamaguchi, Yoshitake: *See—*
  - Akahane, Naoto; Yamaguchi, Yoshitake; Matsuura, Takeshi; and Watatani, Seiji, 4,561,034, Cl. 360-134.000.
- Yamaguchi, Yozo, to Yamaguchi, Isaburo. Method of manufacturing a burning wick. 4,497,187, 2-5-85, Cl. 66-87.000.
- Yamaguchi, Yuji; and Kawai, Shinji, to Aisin Seiki Kabushiki Kaisha. Valve unit for a washing device of private parts of human body. 4,559,964, 12-24-85, Cl. 137-107.000.
- Yamaguchi, Yuji: *See—*
  - Kawai, Shinji; Yamaguchi, Yuji; Suzuki, Koichi; and Takeda, Hisanobu, 4,551,868, Cl. 4-443.000.
- Yamaguchi, Yuki: *See—*
  - Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,501,606, Cl. 71-92.000.
  - Seki, Nansho; Yamaguchi, Yuki; Nakamura, Yukihiro; Kubo, Hiroshi; and Tsuruya, Tetsuo, 4,505,739, Cl. 71-92.000.
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- Yamaguchi, Yukiharu: *See—*
  - Kawasaki, Takao; Immaru, Daisaku; Tsuchiya, Tadashi; Yamaguchi, Yukiharu; and Komatsu, Katsumi, 4,558,059, Cl. 514-371.000.
- Yamaguchi, Yukio: *See—*
  - Tanaka, Toru; Iwatani, Kazutoshi; Enokido, Nobuo; Murakami, Atsushi; and Yamaguchi, Yukio, 4,525,554, Cl. 526-124.000.
- Yamaguchi, Yutaka; Koizumi, Nobuyuki; Hirano, Masami; Araki, Tamio; and Kojima, Koichi, to Bridgestone Tire Company Limited. Pneumatic tire. 4,518,023, 5-21-85, Cl. 152-361.0FP.
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- Yamaha Hatsudoki Kabushiki Kaisha: *See—*
  - Asaba, Takao, 4,512,152, Cl. 60-601.000.
  - Fujimoto, Hiroaki, 4,549,508, Cl. 123-73.0PP.
  - Grinde, James E., 4,497,220, Cl. 74-792.000.
  - Grinde, James E., 4,561,518, Cl. 180-215.000.
  - Hayashida, Takanori, 4,513,700, Cl. 123-179.00L.
  - Hirano, Seiji; and Weyl, Raymond N., 4,506,754, Cl. 180-219.000.
  - Hisatomi, Itaru, 4,502,560, Cl. 180-190.000.
  - Iida, Kazumi; and Ikeda, Kenji, 4,549,869, Cl. 440-84.000.
  - Inoue, Seiji; and Harada, Norimichi, 4,493,656, Cl. 440-2.000.
  - Iwai, Tomio, 4,493,661, Cl. 440-77.000.
  - Iwashita, Takashi, 4,493,659, Cl. 440-61.000.
  - Kanamori, Takashi, 4,515,236, Cl. 180-227.000.
  - Kato, Hiromi, 4,508,189, Cl. 180-219.000.
  - Katsuoka, Tatsuzo, 4,515,127, Cl. 123-430.000.
  - Katsuoka, Tatsuzo, 4,527,831, Cl. 297-243.000.
  - Kobayashi, Hidetaka; and Kinpara, Akiyoshi, 4,507,090, Cl. 440-52.000.
  - Kobayashi, Takashi, 4,518,056, Cl. 180-193.000.
  - Kobayashi, Yoshiaki, 4,543,069, Cl. 440-112.000.
  - Marier, Gregory J., 4,520,890, Cl. 180-193.000.
  - Minami, Shunji; and Kimura, Hiroshi, 4,513,725, Cl. 123-511.000.
  - Nakahama, Ryoji, 4,521,202, Cl. 440-61.000.
  - Nakahama, Ryoji, 4,527,441, Cl. 74-378.000.
  - Nakahama, Ryoji; and Handa, Kenichi, 4,545,769, Cl. 440-61.000.
  - Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.
  - Nakamura, Haruo, 4,520,775, Cl. 123-308.000.
  - Okazaki, Masaki, 4,522,602, Cl. 440-77.000.
  - Okumura, Shigeo, 4,492,198, Cl. 123-413.000.
  - Sougawa, Masafumi, 4,554,896, Cl. 123-179.00G.
  - Sugiyama, Keiichi, 4,512,311, Cl. 123-432.000.
  - Suzuki, Tomonori; and Toyohara, Makoto, 4,545,332, Cl. 123-41.010.
  - Taguchi, Michihiro, 4,493,662, Cl. 440-83.000.
  - Takayasu, Hidekazu, 4,518,540, Cl. 261-18.00B.
  - Tanaka, Ko, 4,496,019, Cl. 180-215.000.
  - Warnke, Wayne L., 4,491,333, Cl. 280-28.000.
  - Watanabe, Eifu, 4,498,875, Cl. 440-88.000.
  - Watanabe, Eifu, 4,521,201, Cl. 440-55.000.
  - Watanabe, Hiromitsu, 4,531,606, Cl. 180-210.000.
  - Watanabe, Hiromitsu, 4,540,061, Cl. 180-215.000.
  - Watanabe, Masae, 4,542,910, Cl. 280-276.000.
  - Yamamoto, Hiroshi, 4,522,282, Cl. 180-219.000.
  - Yasui, Toshihiro; and Warnke, Wayne L., 4,509,766, Cl. 280-21.00R.
  - Yasui, Toshihiro, 4,546,842, Cl. 180-193.000.
  - Yoshida, Takumori; Yamada, Akira; and Shinmura, Sadayuki, 4,550,700, Cl. 123-432.000.
- Yamaha Motor Corporation, U.S.A.: *See—*
  - Lake, Leo C., Jr., 4,526,216, Cl. 141-348.000.
- Yamahara, Noboru: *See—*
  - Shinohara, Hironobu; Yamahara, Noboru; and Yoshida, Yoshinori, 4,511,683, Cl. 524-3.000.
- Yamahira, Hitoshi: *See—*
  - Kojima, Kazuo; Yamahira, Hitoshi; and Oeda, Yoshitaka, 4,530,225, Cl. 427-150.000.

Yamahira, Yoshiya; Shima, Katsuhiko; Matsusaka, Chikako; and Noguchi, Tetsuo, to Sumitomo Chemical Company, Limited. Cream preparation. 4,514,386, 4-30-85, Cl. 424-81.000.
Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, to Toyota Jidosha Kabushiki Kaisha. Signal lamp with a movable slit plate. 4,530,041, 7-16-85, Cl. 362-268.000.
Yamai, Yoshihiro; Hamamoto, Hideo; and Nishibe, Masami, to Toyota Jidosha Kabushiki Kaisha. Lamp assembly. 4,542,448, 9-17-85, Cl. 362-268.000.
Yamaichi Electric Mfg. Co., Ltd.: *See—*
    Egawa, Yoshinori, 4,535,887, Cl. 206-328.000.
    Egawa, Yoshinori, 4,560,216, Cl. 339-12.00V.
    Nakano, Hidetaka, 4,515,425, Cl. 339-75.0MP.
    Sakurai, Toshihiro, 4,515,424, Cl. 339-75.0MP.
Yamaji, Eiichi; and Ohno, Yoshie, to Hitachi, Ltd. Job execution multiplicity control method. 4,495,562, 1-22-85, Cl. 364-200.000.
Yamaji, Hajime; and Kobayashi, Takeshi, to Hayakawa Rubber Co. Ltd. Aqueously-swelling water stopper and a process for stopping water thereby. 4,558,875, 12-17-85, Cl. 277-227.000.
Yamaji, Hiromasa; and Kobayashi, Yuji, to Sumitomo Heavy Industries, Ltd. Apparatus for stopping truck at preselected position. 4,494,905, 1-22-85, Cl. 414-584.000.
Yamaji, Katsuhiko; Nakata, Yasushi; Kawai, Shigeyuki; Hagihara, Tatumi; Kageyama, Koji; and Okazaki, Yasushi, to Sekisui Kagaku Kogyo Kabushiki Kaisha; and Mazda Motor Corporation. Method and device for preheating an engine or an engine intake air. 4,548,186, 10-22-85, Cl. 123-556.000.
Yamaji, Katsuhiko: *See—*
    Nishizaki, Tomoyoshi; Miyamoto, Minoru; Miyamoto, Kazuaki; Yoshida, Ken; Yamaji, Katsuhiko; and Nakata, Yasushi, 4,523,635, Cl. 165-104.120.
Yamaji, Kazunori: *See—*
    Nakamura, Takashi; Yamaji, Kazunori; and Kihara, Taku, 4,503,456, Cl. 358-51.000.
    Nakamura, Takashi; and Yamaji, Kazunori, 4,553,073, Cl. 315-370.000.
Yamaji, Kyoko: *See—*
    Mochizuki, Kazuo; Nakakoji, Hisatada; Ichida, Toshio; Irie, Toshio; Ogata, Hajime; and Yamaji, Kyoko, 4,561,943, Cl. 204-28.000.
Yamakage, Tetsuro: *See—*
    Doi, Yoshio; Yamakage, Tetsuro; Nakashima, Kunimichi; and Matsuura, Akihiro, 4,538,341, Cl. 29-568.000.
    Munekata, Kenichi; Suzuki, Isao; and Yamakage, Tetsuro, 4,530,046, Cl. 364-191.000.
    Nomura, Kenji; Yamakage, Tetsuro; and Noro, Katsuyoshi, 4,498,571, Cl. 198-339.000.
Yamakami, Yoshiaki; and Yoshimitsu, Arata, to Kubota, Ltd. Heat-resisting alloy for rolls for glass forming. 4,540,424, 9-10-85, Cl. 65-100.000.
Yamakawa, Eiji: *See—*
    Nanba, Yasuhiro; Gotoh, Takayuki; Yamakawa, Eiji; and Karasaki, Toshihiko, 4,496,834, Cl. 250-211.00R.
Yamakawa, Goichi: *See—*
    Kasuya, Takahira; Morita, Hideaki; Takagiwa, Hiroyuki; and Yamakawa, Goichi, 4,514,487, Cl. 430-137.000.
    Watanabe, Shotaro; Tomono, Makoto; Yamakawa, Goichi; Nishimura, Takeo; and Takahashi, Nobuo, 4,518,674, Cl. 430-108.000.
Yamakawa, Hiroyuki: *See—*
    Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.
Yamakawa, Kazuo, to Minolta Camera Kabushiki Kaisha. Video projector lens system. 4,530,575, 7-23-85, Cl. 350-432.000.
Yamakawa, Kazuo A., to United States of America, National Aeronautics and Space Administration. Apparatus and method to keep the walls of a free-space reactor free from deposits of solid materials. 4,500,492, 2-19-85, Cl. 422-199.000.
Yamakawa, Kazuo A. Training club for golfers. 4,529,204, 7-16-85, Cl. 273-193.00R.
Yamakawa, Masahiro; Nakamura, Mamoru; and Arai, Toyoichi, to Nippon Zeon Co. Ltd. Vinyl chloride resin composition for production of hard articles. 4,558,087, 12-10-85, Cl. 524-495.000.
Yamakawa, Shinzo: *See—*
    Murata, Norio; Hoshino, Mitsutoshi; and Yamakawa, Shinzo, 4,509,820, Cl. 350-96.210.
    Nakagawa, Koichi; Maeda, Osamu; and Yamakawa, Shinzo, 4,497,759, Cl. 264-26.000.
Yamakawa, Toru, to Fuji Jukogyo Kabushiki Kaisha. Cooling system for an engine having a plurality of engine units. 4,493,190, 1-15-85, Cl. 60-714.000.
Yamakawa, Toru, to Fuji Jukogyo Kabushiki Kaisha. Internal combustion engine provided with a plurality of power units. 4,512,301, 4-23-85, Cl. 123-198.00F.
Yamakawa, Toru, to Fuji Jukogyo Kabushiki Kaisha. Control system for a plurality of engine units. 4,560,021, 12-24-85, Cl. 180-54.100.
Yamakawa, Toshiro: *See—*
    Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,495,267, Cl. 430-106.600.
    Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,517,274, Cl. 430-122.000.
    Honda, Nobuyasu; Yamakawa, Toshiro; and Ikeda, Toshimitsu, 4,535,049, Cl. 430-137.000.
Yamakawa, Tsutomu; Nishikawa, Mineki; and Kihara, Tomohiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for controlling scintillation camera. 4,516,025, 5-7-85, Cl. 250-252.100.
Yamakawa, Tsutomu; and Yoshizawa, Hirokatsu, to Tokyo Shibaura Denki Kabushiki Kaisha. Multi-imaging apparatus for the scintillation camera. 4,529,883, 7-16-85, Cl. 250-363.00S.
Yamaki, Kazuyoshi: *See—*
    Sugino, Yoshihide; Tsumura, Takashi; Nakamura, Junnosuke; and Yamaki, Kazuyoshi, 4,505,636, Cl. 414-736.000.
Yamaki, Kiyoshi; Suzuki, Hidetaka; Tanaka, Haruto; and Takeuchi, Yasuhisa, to Nissan Motor Company, Limited. System for maintaining an orientation of characters displayed with a rotatable image. 4,527,155, 7-2-85, Cl. 340-727.000.
Yamaki, Kiyoshi: *See—*
    Tachibana, Akira; Fujiki, Norio; Endo, Hiroshi; Yamaki, Kiyoshi; and Kishi, Norimasa, 4,543,577, Cl. 340-904.000.
    Tanaka, Haruto; Yamaki, Kiyoshi; and Suzuki, Hidetaka, 4,543,572, Cl. 340-723.000.
Yamakido, Kazuo; Hagiwara, Shiro; and Fujii, Fumiaki, to Hitachi, Ltd. PCM Encoder conformable to the A-law. 4,507,792, 3-26-85, Cl. 375-30.000.
Yamakita, Hiromi: *See—*
    Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, 4,502,930, Cl. 204-160.100.
Yamakoshi, Akira: *See—*
    Yamada, Takaaki; Tsuda, Yukio; and Yamakoshi, Akira, 4,521,744, Cl. 331-1.00A.
Yamakoshi, Kenichi: *See—*
    Kisioka, Kazuya; and Yamakoshi, Kenichi, 4,524,777, Cl. 128-677.000.
Yamakoshi, Noby. System for making matched backgrounds. 4,504,141, 3-12-85, Cl. 355-77.000.
Yamamatsu, Setsuo: *See—*
    Aoshima, Atsushi; Suzuki, Yoshio; Yamamatsu, Setsuo; and Yamaguchi, Tatsuo, 4,518,796, Cl. 560-208.000.
Yamamichi, Masayoshi: *See—*
    Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, 4,508,439, Cl. 354-154.000.
    Ohara, Tsunemasa; Suzuki, Masayuki; and Yamamichi, Masayoshi, 4,534,633, Cl. 354-237.000.
    Suzuki, Masayuki; Yamamichi, Masayoshi; and Ohara, Tsunemasa, 4,498,750, Cl. 354-154.000.
Yamamiya, Kazuo: *See—*
    Shimizu, Senzo; Nomura, Isao; Yamamiya, Kazuo; and Masuda, Tsuneaki, 4,500,668, Cl. 524-427.000.
Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, to Olympus Optical Co., Ltd. Disc drive apparatus. 4,499,514, 2-12-85, Cl. 360-97.000.
Yamamiya, Kunio: *See—*
    Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, 4,495,407, Cl. 250-201.000.
    Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, 4,505,585, Cl. 356-237.000.
    Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, 4,499,572, Cl. 369-111.000.
    Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, 4,520,280, Cl. 307-358.000.
Yamamori, Hisayoshi: *See—*
    Shindo, Mizuo; Yamamoto, Takashi; Fukunaga, Osamu; and Yamamori, Hisayoshi, 4,530,809, Cl. 264-210.700.
Yamamori, Naoki; Yokoi, Junji; and Yoshikawa, Motoyoshi, to Nippon Paint Co., Ltd. Hydrolyzable polyester resins and coating compositions containing the same. 4,499,223, 2-12-85, Cl. 524-176.000.
Yamamori, Shinji: *See—*
    Kurahashi, Muneshige; and Yamamori, Shinji, 4,522,204, Cl. 128-719.000.
Yamamori, Teruo: *See—*
    Adachi, Ikuo; Yamamori, Teruo; Ueda, Motohiko; and Doteuchi, Masami, 4,562,256, Cl. 546-120.000.
Yamamoto, Akihiko: *See—*
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Yamamoto, Akihiro: *See—*
    Shibata, Akira; Hirose, Koichi; and Yamamoto, Akihiro, 4,519,005, Cl. 360-65.000.
Yamamoto, Akio: *See—*
    Muroi, Katsumi; Yamamoto, Akio; Nakamura, Yoichi; Takahashi, Toshihiko; and Maruko, Morihisa, 4,559,060, Cl. 44-23.000.
    Nakamura, Yoichi; Yamamoto, Akio; Nogita, Shunsuke; Kuge, Toshio; and Muroi, Katsumi, 4,511,363, Cl. 44-1.00G.
    Yamamoto, Takakazu; Yamamoto, Akio; and Sanechika, Kenichi, 4,521,589, Cl. 528-380.000.
Yamamoto, Akira, to Tokai Carbon Co., Ltd. Process for preparing silicon carbide whiskers. 4,500,504, 2-19-85, Cl. 423-345.000.
Yamamoto, Akira; and Ishihara, Toshinobu, to Shin-Etsu Chemical Co., Ltd. Method for the preparation of a trans-isomer of ethylenically unsaturated organic compounds. 4,529,825, 7-16-85, Cl. 568-903.000.
Yamamoto, Akira: *See—*
    Motomura, Kenichi; Ogawa, Hiroshi; Yamamoto, Akira; and Hagita, Noriyuki, 4,515,197, Cl. 152-209.00R.
    Shirai, Mitsuru; Fukuda, Nobuo; Yamamoto, Akira; and Tsuji, Hiroshi, 4,549,603, Cl. 165-104.330.

- Takamizawa, Minoru; Yamamoto, Akira; Ishihara, Toshinobu; and Ohshima, Mistuyoshi, 4,539,417, Cl. 556-435.000.
- Yamamoto, Akito: *See—*
  - Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, 4,532,594, Cl. 364-431.110.
  - Hosaka, Akio; Yamamoto, Akito; and Oshiage, Katsunori, 4,551,803, Cl. 364-431.050.
  - Kanegae, Hidetoshi; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,502,446, Cl. 123-479.000.
  - Takase, Sadao; Oshiage, Katsunori; Yamamoto, Akito; and Hosaka, Akio, 4,527,248, Cl. 364-565.000.
- Yamamoto, Albert K., to Rexnord Inc. Removal tool for tangless, helically coiled insert. 4,553,303, 11-19-85, Cl. 29-240.500.
- Yamamoto, Albert K.: *See—*
  - Cosenza, Frank J.; and Yamamoto, Albert K., 4,528,737, Cl. 29-240.500.
  - Cosenza, Frank J.; and Yamamoto, Albert K., 4,553,302, Cl. 29-240.500.
- Yamamoto Chemical Industrial Company, Limited: *See—*
  - Inoue, Hiroshige; Fukushima, Kenichi; and Nishiguchi, Ikuzo, 4,533,732, Cl. 544-172.000.
- Yamamoto, Diane M.: *See—*
  - Stout, David M.; and Yamamoto, Diane M., 4,532,250, Cl. 514-341.000.
  - Stout, David M.; Yamamoto, Diane M.; and Barcelon-Yang, Cynthia, 4,555,517, Cl. 514-336.000.
- Yamamoto, Etsuji; Sekihara, Kensuke; Kohno, Hideki; and Yamamoto, Shinji, to Hitachi, Ltd. NMR Imaging apparatus of changeable inspecting zone size. 4,558,425, 12-10-85, Cl. 364-555.000.
- Yamamoto, Fumio: *See—*
  - Kawakatsu, Akira; and Yamamoto, Fumio, 4,524,410, Cl. 362-255.000.
- Yamamoto, Hachizou: *See—*
  - Horigome, Koichi; Okada, Seizo; Nishimura, Katsuji; and Yamamoto, Hachizou, 4,509,136, Cl. 364-900.000.
  - Iwagami, Kenji; and Yamamoto, Hachizou, 4,538,057, Cl. 235-379.000.
  - Nakatani, Hiroshi; and Yamamoto, Hachizou, 4,511,891, Cl. 340-734.000.
  - Nishimura, Katsuji; and Yamamoto, Hachizou, 4,524,267, Cl. 235-379.000.
  - Nishimura, Katsuji; and Yamamoto, Hachizou, 4,532,417, Cl. 235-379.000.
- Yamamoto, Haruhisa, to Nippon Zeon Co. Ltd. Process for producing conjugated diolefins. 4,547,615, 10-15-85, Cl. 585-621.000.
- Yamamoto, Hideaki: *See—*
  - Baji, Toru; Koizumi, Naohiko; Tsukada, Toshihisa; Yamamoto, Hideaki; Shimomoto, Yasuharu; and Tanaka, Yasuo, 4,495,409, Cl. 250-211.00J.
  - Ohta, Hisao; Baji, Toru; Izawa, Yuji; Ebisui, Eizou; Tsukada, Toshihisa; and Yamamoto, Hideaki, 4,556,800, Cl. 250-578.000.
- Yamamoto, Hideharu; and Tsuneno, Hiroshi, to Hitachi, Ltd. Glass-sealed ceramic package type semiconductor device. 4,554,573, 11-19-85, Cl. 357-73.000.
- Yamamoto, Hideo: *See—*
  - Matsumoto, Shuichi; Hatori, Yoshinori; Murakami, Hitomi; and Yamamoto, Hideo, 4,546,386, Cl. 358-136.000.
  - Seto, Toshiaki; Yamamoto, Hideo; and Kobayashi, Yoshiji, 4,559,185, Cl. 261-41.00D.
- Yamamoto, Hidetoshi: *See—*
  - Takashima, Ryokichi; Goko, Nobuaki; Uehara, Yumito; Nishihara, Yasuhiro; and Yamamoto, Hidetoshi, 4,492,787, Cl. 525-53.000.
- Yamamoto, Hironori: *See—*
  - Sugiura, Yoji; Yamamoto, Hironori; Nishida, Keijiro; Shirai, Naoki; Takahashi, Kimio; Nakasugi, Mikio; and Saito, Norihisa, 4,556,285, Cl. 350-600.000.
- Yamamoto, Hiroshi; Katsuma, Makoto; Murakami, Hiroyasu; and Hiramatsu, Akira, to Canon Kabushiki Kaisha. Piezoelectrically driven vibration wave motor. 4,504,760, 3-12-85, Cl. 310-323.000.
- Yamamoto, Hiroshi, to Yamaha Hatsudoki Kabushiki Kaisha. Exhaust system for motorcycle. 4,522,282, 6-11-85, Cl. 180-219.000.
- Yamamoto, Hiroshi, to Shimadzu Corporation. Densitometer. 4,544,271, 10-1-85, Cl. 356-328.000.
- Yamamoto, Hiroshi: *See—*
  - Kamejima, Kohji; Yamamoto, Hiroshi; Nakano, Yoshiyuki; Fujie, Masakatsu; Iwamoto, Taro; and Honma, Kazuo, 4,549,208, Cl. 358-108.000.
  - Kunieda, Hiroshi; Yamamoto, Hiroshi; Nishkawa, Yuji; and Enpuku, Yoshihiko, 4,557,897, Cl. 422-15.000.
- Yamamoto, Hiroyoshi: *See—*
  - Inoue, Shigeyasu; and Yamamoto, Hiroyoshi, 4,545,818, Cl. 106-22.000.
- Yamamoto, Hisao; and Kogiso, Osamu, to Takemoto Yushi Kabushiki Kaisha. Lubricant for treating synthetic fibers. 4,505,956, 3-19-85, Cl. 427-393.100.
- Yamamoto, Hisao; Kimura, Fumihiko; and Ogiso, Osamu, to Takemoto Yushi Kabushiki Kaisha. Lubricating agents for processing synthetic yarns and method of processing synthetic yarns therewith. 4,561,987, 12-31-85, Cl. 252-8.900.
- Yamamoto, Hisao: *See—*
  - Ogiso, Osamu; Yamamoto, Hisao; and Suzuki, Akira, 4,552,671, Cl. 252-8.900.
- Yamamoto, Hisashi, to Toyo Stauffer Chemical Co., Ltd. Manufacturing process of β-acylenamine. 4,556,515, 12-3-85, Cl. 260-239.00B.
- Yamamoto, Hitoshi: *See—*
  - Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, 4,505,540, Cl. 350-96.200.
  - Tatekura, Koichi; Yamamoto, Hitoshi; Nunokawa, Makoto; and Ejiri, Yoshihiro, 4,506,947, Cl. 350-96.210.
- Yamamoto, Ichiro: *See—*
  - Asao, Yasuzi; and Yamamoto, Ichiro, 4,522,906, Cl. 430-60.000.
- Yamamoto, Isamu: *See—*
  - Nakayama, Shigenobu; Noda, Eiichi; Noguchi, Yoshiaki; Yamamoto, Isamu; and Kawasaki, Noboru, 4,507,500, Cl. 564-340.000.
- Yamamoto, Izuru: *See—*
  - Imai, Tetsuya; Toyohara, Kenichi; Goto, Takeshi; Murata, Tadateru; Ando, Akihide; Uchida, Toshiro; and Yamamoto, Izuru, 4,557,750, Cl. 71-87.000.
- Yamamoto, Jun; Hayashida, Hajime; and Takahashi, Hiroyoshi, to Nippon Gakki Seizo Kabushiki Kaisha. Key-driving/detecting mechanism for keyboard instrument. 4,524,669, 6-25-85, Cl. 84-433.000.
- Yamamoto, Jun: *See—*
  - Muramatsu, Shigeru; Fujiwara, Yuji; Hayashida, Hazime; and Yamamoto, Jun, 4,513,652, Cl. 84-20.000.
- Yamamoto Kagaku Gosei Co., Ltd.: *See—*
  - Kumagae, Yojiro; and Iwasaki, Yasuhisa, 4,523,018, Cl. 546-315.000.
- Yamamoto, Kaichi, to Sony Corporation. Signal detecting circuit. 4,509,016, 4-2-85, Cl. 328-138.000.
- Yamamoto, Kaichi; and Yonemitsu, Jun, to Sony Corporation. Key signal generating apparatus for digital chromakey system. 4,533,937, 8-6-85, Cl. 358-22.000.
- Yamamoto, Kaneo: *See—*
  - Matsuda, Norio; Konno, Toshio; Yamamoto, Kaneo; Tominaga, Shinya; Kubo, Susumu; Mori, Yasuyuki; Akiyama, Naoki; and Murakami, Masaki, 4,532,620, Cl. 369-136.000.
- Yamamoto, Katsuhiro; Matsumoto, Katsuo; and Okada, Yoshiyuki, to Nitto Electric Industrial Co., Ltd. Electrode pad. 4,515,162, 5-7-85, Cl. 128-640.000.
- Yamamoto, Katsuichi, to Diesel Kiki Co., Ltd. Variable-displacement vane compressor with one or more ferromagnetic vanes. 4,492,540, 1-8-85, Cl. 418-23.000.
- Yamamoto, Katsumi, to Yamada Electric Industries Co., Ltd. Hang-up hair dryer. 4,493,975, 1-15-85, Cl. 219-370.000.
- Yamamoto, Katsumi; Komatsu, Yuichiro; and Hamada, Ikuro, to Toyoda Koki Kabushiki Kaisha. Numerical controller for a grinding machine. 4,498,259, 2-12-85, Cl. 51-165.710.
- Yamamoto, Katsuyoshi; Mizukami, Haruo; and Nambu, Hajime, to Mitsubishi Denki Kabushiki Kaisha. Character reading device. 4,520,505, 5-28-85, Cl. 382-55.000.
- Yamamoto, Kazuaki: *See—*
  - Arika, Junji; Shiota, Eiji; and Yamamoto, Kazuaki, 4,554,211, Cl. 428-402.000.
- Yamamoto, Kazuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. System for displaying picture information. 4,491,874, 1-1-85, Cl. 358-296.000.
- Yamamoto, Kazuhiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Document information filing system. 4,506,342, 3-19-85, Cl. 364-900.000.
- Yamamoto, Kazuhiko; Nejigaki, Kazumi; Yasumura, Takashi; Kawashima, Chikashi; and Inoue, Shuichi, to Central Glass Company, Limited. Piezoelectric polymeric material. 4,560,737, 12-24-85, Cl. 527-72.000.
- Yamamoto, Kazuhiro; and Isono, Tokio, to Honda Giken Kogyo Kabushiki Kaisha. Rear suspension for a motorcycle. 4,523,659, 6-18-85, Cl. 180-227.000.
- Yamamoto, Kazuhiro, to NEC Corporation. Space diversity receiving system for multi-direction time division multiplex communication. 4,530,087, 7-16-85, Cl. 370-104.000.
- Yamamoto, Kazuhito; and Takenaka, Toshio, to Sumitomo Chemical Company, Limited. Adhesive composition. 4,515,917, 5-7-85, Cl. 524-178.000.
- Yamamoto, Kazuji: *See—*
  - Hisatake, Michio; Yamamoto, Kazuji; Hyodo, Toru; and Takahashi, Yoshitaka, 4,524,309, Cl. 318-434.000.
- Yamamoto, Kazuki: *See—*
  - Yoshimaru, Tomohisa; and Yamamoto, Kazuki, 4,498,107, Cl. 358-256.000.
- Yamamoto, Kazuko: *See—*
  - Nishio, Kazuo; Chiyomaru, Isao; Anma, Katsuo; Yamamoto, Kazuko; Ohno, Hiroshi; and Takayanagi, Noriyasu, 4,556,669, Cl. 514-368.000.
- Yamamoto, Kazumasa: *See—*
  - Mori, Yoshihiro; Yamamoto, Osamu; and Yamamoto, Kazumasa, 4,558,757, Cl. 178-18.000.
- Yamamoto, Kazuo: *See—*
  - Nakamura, Hiromi; Takahashi, Takehiko; Narazaki, Norio; Yamamoto, Kazuo; and Sayama, Norio, 4,537,023, Cl. 60-39.050.
- Yamamoto, Kazushi; Nagai, Takeshi; Hirai, Nobuyuki; and Mori, Shunichiro, to Matsushita Electric Industrial Co., Ltd. Ultrasonic liquid ejecting unit and method for making same. 4,530,464, 7-23-85, Cl. 239-102.000.
- Yamamoto, Kazuyoshi: *See—*
  - Moriki, Yasumitsu; Sato, Tadashi; Yamamoto, Kazuyoshi; and Takahashi, Izumi, 4,543,818, Cl. 73-49.800.
- Yamamoto, Kazuyuki: *See—*
  - Sekiguchi, Koichi; Takematsu, Hikaru; Yamamoto, Kazuyuki; and Kubo, Teruyuki, 4,551,583, Cl. 179-99.00M.

Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, to Sumitomo Chemical Company, Limited; and Sumitomo Rubber Industries, Ltd. Branched polymer, process for the preparation thereof, tire tread rubber composition and tire. 4,523,618, 6-18-85, Cl. 152-209.00R.

Yamamoto, Keisaku: *See—*
- Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.

Yamamoto, Keisuke: *See—*
- Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, 4,523,225, Cl. 358-56.000.
- Ueda, Minoru; Iyehara, Sadahiro; Masuda, Mitsuya; Inohara, Shizuo; and Yamamoto, Keisuke, 4,535,272, Cl. 315-366.000.

Yamamoto, Ken. Extruder for contents in tube containers. 4,502,613, 3-5-85, Cl. 222-103.000.

Yamamoto, Kenichi: *See—*
- Yoshioka, Takeo; Yamamoto, Kenichi; Fukagawa, Yasuo; Shimauchi, Yasutaka; and Ishikura, Tomoyuki, 4,517,127, Cl. 260-245.20T.

Yamamoto, Keniti; Suzuki, Tenji; and Sanada, Yukitomo, to Toyota Jidosha Kogyo Kabushiki Kaisha. Support structure for power transmission cables. 4,541,302, 9-17-85, Cl. 74-501.00R.

Yamamoto, Kenji: *See—*
- Hayashi, Gentaro; Yamamoto, Kenji; and Kuraseko, Takao, 4,494,390, Cl. 68-23.700.
- Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.

Yamamoto, Kimiaki, to Olympus Optical Co., Ltd. Playback optical system for video discs. 4,507,772, 3-26-85, Cl. 369-109.000.

Yamamoto, Kimiaki: *See—*
- Ito, Kenichi; Musha, Tohru; Kato, Kiichi; and Yamamoto, Kimiaki, 4,525,825, Cl. 369-45.000.

Yamamoto, Kimihiko; and Ishikawa, Hitoshi, to Aisin Seiki Kabushiki Kaisha. Stitch pattern selector in sewing machines. 4,499,837, 2-19-85, Cl. 112-158.00A.

Yamamoto, Kiwamu; and Tanaka, Tsuyoshi, to Shinko Electric Co., Ltd. Driverless guided vehicle. 4,515,235, 5-7-85, Cl. 180-168.000.

Yamamoto, Kiyomi: *See—*
- Yamagata, Shinji; Tamaru, Shigemi; Fujii, Hiroshi; Suhara, Hideo; Hisatsune, Fumiyuki; Hosogai, Setsuo; and Yamamoto, Kiyomi, 4,559,423, Cl. 200-144.00R.

Yamamoto, Kiyonori: *See—*
- Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
- Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.

Yamamoto, Kiyoshi: *See—*
- Urano, Shigeru; Yamamoto, Kiyoshi; Takagi, Yoshiaki; and Sugawara, Takeshi, 4,505,988, Cl. 428-569.000.

Yamamoto Kogaku Co., Ltd.: *See—*
- Yamamoto, Tamenobu, 4,498,202, Cl. 2-424.000.
- Yamamoto, Tamenobu, 4,502,480, Cl. 128-201.150.
- Yamamoto, Tamenobu, 4,556,995, Cl. 2-439.000.

Yamamoto, Koji: *See—*
- Miyamoto, Akira; Shimizu, Senzo; Okamura, Masayoshi; Tanisake, Hiroka; Higuchi, Yasumitsu; Hidaka, Toshio; Yamamoto, Koji; and Abe, Toshiyuki, 4,560,788, Cl. 560-91.000.

Yamamoto, Kunio; Ichikawa, Kaoru; and Moriguchi, Seki, to Hitachi Koki Co., Ltd. Power-driven tacker with safety device. 4,549,681, 10-29-85, Cl. 227-8.000.

Yamamoto, Kuniyuki; and Ohyama, Kazuo, to Honda Giken Kogyo Kabushiki Kaisha. Clutch cooling device. 4,540,077, 9-10-85, Cl. 192-70.120.

Yamamoto, Kuniyuki: *See—*
- Kurata, Noboru; Miyazaki, Kunio; and Yamamoto, Kuniyuki, 4,494,623, Cl. 180-230.000.
- Kurata, Noboru; Miyazaki, Kunio; and Yamamoto, Kuniyuki, 4,498,553, Cl. 180-230.000.

Yamamoto, Kyuemon: *See—*
- Kawaguchi, Seiji; Fujiwara, Takeki; Kodama, Shigeo; Ito, Haruo; and Yamamoto, Kyuemon, 4,540,065, Cl. 182-63.000.

Yamamoto, Masaaki: *See—*
- Matsuo, Tadao; Matsuoka, Fumio; Yokota, Nobuo; and Yamamoto, Masaaki, 4,518,552, Cl. 264-126.000.

Yamamoto, Masafumi, to Isolite Babcock Refractories Co., Ltd. Process for manufacturing ceramic fibers consisting mainly of alumina and silica. 4,511,664, 4-16-85, Cl. 501-35.000.

Yamamoto, Masahiko; Nishino, Yoshinori; Komura, Akio; and Ebisu, Tomio, to Hitachi Shipbuilding & Engineering Co., Ltd. Method for molding bent pipes made up of composite material. 4,518,556, 5-21-85, Cl. 264-295.000.

Yamamoto, Masahiro: *See—*
- Nagashima, Masato; Katsuyama, Mikizo; and Yamamoto, Masahiro, 4,523,805, Cl. 350-96.240.

Yamamoto, Masakazu. Tape measure. 4,542,589, 9-24-85, Cl. 33-138.000.

Yamamoto, Masakazu: *See—*
- Yamada, Minoru; Masaki, Akira; Yamamoto, Masakazu; Nakanishi, Keiichirou; Nishida, Takashi; Daikoku, Takahiro; Kobayashi, Fumiyuki; and Imai, Kuninori, 4,558,395, Cl. 361-385.000.

Yamamoto, Masaki: *See—*
- Ijichi, Sadayoshi; and Yamamoto, Masaki, 4,527,280, Cl. 455-183.000.

Yamamoto, Masanori: *See—*
- Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Kouji; and Higashine, Seiji, 4,524,080, Cl. 426-236.000.
- Sugisawa, Ko; Yamamoto, Masanori; Shibuki, Masaru; Nomura, Yukihiro; Sengoku, Koji; Higashine, Seiji; and Hioki, Hiroko, 4,557,939, Cl. 426-473.000.

Yamamoto, Masao; Yebisuya, Takashi; Kawai, Mituo; and Tajima, Koichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Corrosion-resistant non-magnetic steel retaining ring for a generator. 4,493,733, 1-15-85, Cl. 75-126.00B.

Yamamoto, Masao; and Fujiwara, Tetsuo, to Kabushiki Kaisha Toshiba. Actuator. 4,551,975, 11-12-85, Cl. 60-528.000.

Yamamoto, Masashi: *See—*
- Mitsuno, Tatsuyuki; and Yamamoto, Masashi, 4,521,487, Cl. 428-407.000.

Yamamoto, Masato, to Asahi Kogaku Kogyo Kabushiki Kaisha. Motor-driven film winder for cameras. 4,529,282, 7-16-85, Cl. 354-173.100.

Yamamoto, Masato: *See—*
- Fukai, Yoshio; Yamamoto, Masato; and Hanawaka, Masuo, 4,542,452, Cl. 364-141.000.

Yamamoto, Michihiro: *See—*
- Ono, Keiichi; Sugie, Akihiko; Muraoka, Masami; and Yamamoto, Michihiro, 4,537,989, Cl. 562-501.000.

Yamamoto, Michiyoshi; Ohsumi, Katsumi; Mitani, Shinji; Takashima, Yoshie; and Igarashi, Hiroo, to Hitachi, Ltd.; and Hitachi Engineering Co., Ltd. Nuclear reactor degassing method and degassing system. 4,533,514, 8-6-85, Cl. 376-308.000.

Yamamoto, Minoru; Sakata, Jiro; and Doi, Haruo, to Kabushiki Kaisha Toyota Chuo Kenkyusho. Method for preparation of porous glass film. 4,521,236, 6-4-85, Cl. 65-31.000.

Yamamoto, Minoru: *See—*
- Ootsuka, Yoshinori; Hattori, Tadashi; Yamamoto, Minoru; and Ozaki, Tadashi, 4,537,065, Cl. 73-117.300.

Yamamoto, Misao: *See—*
- Maki, Hirohisa; Sano, Takashi; and Yamamoto, Misao, 4,555,536, Cl. 524-66.000.

Yamamoto, Mitsuo; Kinumoto, Namio; Tsuji, Toshinori; and Hiraoka, Tutomu, to Osaka Gas Company Limited. Method of internally coating pipeline. 4,554,178, 11-19-85, Cl. 427-140.000.

Yamamoto, Mutsuhiro: *See—*
- Kikuchi, Junzo; Sugiura, Ryuzo; Yamamoto, Mutsuhiro; and Yoshida, Toshiro, 4,514,597, Cl. 179-99.00M.

Yamamoto, Naoki: *See—*
- Kishida, Kazuo; Yamamoto, Naoki; Nishida, Kozi; Narita, Toshihito; and Sato, Yasumasa, 4,513,111, Cl. 524-458.000.
- Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, 4,556,692, Cl. 525-78.000.
- Kishida, Kazuo; Yamamoto, Naoki; and Sato, Yasumasa, 4,558,099, Cl. 525-301.000.
- Kobayashi, Nobuyoshi; Iwata, Seiichi; Yamamoto, Naoki; Matsuo, Hitoshi; and Homma, Teiichi, 4,505,028, Cl. 29-578.000.

Yamamoto, Noboru; Okuda, Ryoichi; and Makino, Tomoatsu, to Nippondenso Co., Ltd. Ignition system for internal combustion engines 4,492,213, 1-8-85, Cl. 123-644.000.

Yamamoto, Noboru: *See—*
- Yamasaki, Tetsuya; Okuda, Eiji; and Yamamoto, Noboru, 4,509,824, Cl. 350-167.000.

Yamamoto, Nobuyuki, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,499,138, 2-12-85, Cl. 428-216.000.

Yamamoto, Nobuyuki; Nishikawa, Yasuo; Naruo, Kyoichi; and Okita, Tsutomu, to Fuji Photo Film Co., Ltd. Magnetic recording medium and process for producing same. 4,520,070, 5-28-85, Cl. 428-336.000.

Yamamoto, Nobuyuki; Mukaida, Yoshito; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, to Fuji Photo Film Co., Ltd. Magnetic recording media with oxyfatty acid lubricant. 4,548,873, 10-22-85, Cl. 428-695.000.

Yamamoto, Nobuyuki; Ryoke, Katsumi; Tsuji, Nobuo; Higaki, Yuzo; and Okamura, Toshihisa, to Fuji Photo Film Co., Ltd.; and Nisshin Oil Mills, Ltd. Magnetic recording media. 4,554,220, 11-19-85, Cl 428-694.000.

Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, to Fuji Photo Film Co., Ltd. Process for producing magnetic recording materials. 4,557,948, 12-10-85, Cl. 427-131.000.

Yamamoto, Nobuyuki: *See—*
- Kasuga, Akira; Yamamoto, Nobuyuki; and Miyatsuka, Hajime, 4,537,833, Cl. 428-328.000.

Yamamoto, Norio: *See—*
- Kikegawa, Shinko; Arai, Takao; Yamamoto, Norio; and Ozaki, Kiyoharu, 4,560,414, Cl. 106-281.00R.

Yamamoto, Noriyoshi: *See—*
- Kawamura, Hideo; Sagawa, Nobukazu; and Yamamoto, Noriyoshi, 4,525,622, Cl. 219-270.000.

Yamamoto, Osamu; and Norizuki, Senichiro, to Kabushiki Kaisha Aichidenkikosakusho. Electric can opener with juice squeezing attachment. 4,534,108, 8-13-85, Cl. 7-152.000.

Yamamoto, Osamu; Suda, Hideaki; Nishiuchi, Kihachiro; Izumi, Misao; and Ejima, Noriyoshi, to Nitto Boseki Co. Ltd.; and Otsuka Chemical

Co., Ltd. Flameproofed water-repellent woven or knitted sheet coated with silicone containing fibrous potassium titanate. 4,542,067, 9-17-85, Cl. 428-237.000.

Yamamoto, Osamu; and Norizuki, Senichiro, to Kabushikikaisha Aichidenkikosakusho. Electric can opener. 4,561,182, 12-31-85, Cl. 30-433.000.

Yamamoto, Osamu: *See—*
- Mori, Yoshihiro; Yamamoto, Osamu; and Yamamoto, Kazumasa, 4,556,757, Cl. 178-18.000.

Yamamoto, Ronald K.: *See—*
- Bootman, Matthew W.; and Yamamoto, Ronald K., 4,543,088, Cl. 604-93.000.

Yamamoto, Ryoichi; Matsuo, Yoshihiro; Mikoda, Masanari; and Asada, Yoshihiro, to Matsushita Electric Industrial Co., Ltd.; and Matsushita Reiki Co., Ltd. Thermal insulator. 4,529,638, 7-16-85, Cl. 428-69.000.

Yamamoto, Ryoichi: *See—*
- Ichimura, Mitsunori; Yamamoto, Ryoichi; and Horimoto, Katsutoshi, 4,521,378, Cl. 422-135.000.
- Ishihara, Shoichi; Yoneno, Hiroshi; and Yamamoto, Ryoichi, 4,492,725, Cl. 428-69.000.
- Kato, Akifumi; Yoshida, Junichi; and Yamamoto, Ryoichi, 4,525,547, Cl. 526-68.000.
- Kitao, Teijiro; Setsune, Jun-ichiro; Ishihara, Shoichi; and Yamamoto, Ryoichi, 4,497,724, Cl. 252-70.000.
- Wada, Takahiro; Yamamoto, Ryoichi; and Yokotani, Fumiko, 4,561,989, Cl. 252-70.000.

Yamamoto, Ryuichi: *See—*
- Yoshinaga, Minoru; Matsubara, Nobuyuki; and Yamamoto, Ryuichi, 4,534,920, Cl. 264-29.200.

Yamamoto, Saburo; Hayashi, Hiroshi; and Yano, Seiki, to Sharp Kabushiki Kaisha. Window structure semiconductor laser. 4,546,481, 10-8-85, Cl. 372-48.000.

Yamamoto, Sadahiro; and Ouchi, Chiaki, to Nippon Kokan Kabushiki Kaisha. Method of manufacturing austenitic stainless steel plates. 4,528,046, 7-9-85, Cl. 148-12.00E.

Yamamoto, Sadao; Itani, Hikaru; Takahashi, Hiromi; Tsuji, Teruji; and Nagata, Wataru, to Shionogi & Co., Ltd. Production of 1-oxacephams and intermediates. 4,539,148, 9-3-85, Cl. 260-239.00A.

Yamamoto, Sadashi; Kayama, Hiroaki; and Watanabe, Masaki, to Honda Giken Kogyo Kabushiki Kaisha. Automatic adjusting device for actuating mechanism and its control wire. 4,543,849, 10-1-85, Cl. 74-501.50R.

Yamamoto, Sakuei; Nishida, Mitsuhiro; Tashiro, Noboru; and Sonoda, Nobuo, to Mitsubishi Denki Kabushiki Kaisha. Submersible electric motor and method of manufacturing the same. 4,496,866, 1-29-85, Cl. 310-87.000.

Yamamoto, Sakuei; Inao, Hiroshi; Nishida, Mitsuhiro; Matsushita, Matao; and Komoda, Hidemi, to Mitsubishi Denki Kabushiki Kaisha. Submerged electric motor. 4,532,446, 7-30-85, Cl. 310-87.000.

Yamamoto, Sakuei; Nishida, Mitsuhiro; Inao, Hiroshi; Tashiro, Noboru; and Hani, Kiyoshi, to Mitsubishi Denki Kabushiki Kaisha. Submergible motor including circuit element encased in molded plug. 4,549,105, 10-22-85, Cl. 310-87.000.

Yamamoto, Sakuei; and Tokumitsu, Kiyonori, to Mitsubishi Denki Kabushiki Kaisha. Liquid-seal type motor having insulating oil pressure compensation. 4,558,247, 12-10-85, Cl. 310-87.000.

Yamamoto, Sakuei: *See—*
- Nishida, Mitsuhiro; Yamamoto, Sakuei; Sonoda, Nobuo; Okahashi, Kazuo; and Takagi, Shoji, 4,546,130, Cl. 523-459.000.

Yamamoto Scientific Co., Ltd.: *See—*
- Wakasugi, Mitsuharu, 4,540,470, Cl. 202-180.000.

Yamamoto, Shigeaki: *See—*
- Okuda, Naoki; Usui, Akihiko; Yamamoto, Shigeaki; and Natsume, Shogo, 4,503,129, Cl. 428-562.000.

Yamamoto, Shigehiko: *See—*
- Taguchi, Sadanori; Aida, Toshiyuki; Yamamoto, Shigehiko; and Honda, Yukio, 4,518,890, Cl. 313-346.00R.

Yamamoto, Shigeo; Tanimizu, Makoto; Shirakawa, Kenzo; and Wataya, Hideji, to Matsushita Electric Works, Ltd. Battery powered electric appliance. 4,559,456, 12-17-85, Cl. 307-66.000.

Yamamoto, Shigeo: *See—*
- Funaki, Yuji; Oshita, Hirofumi; Yamamoto, Shigeo; Tanaka, Shizuya; and Kato, Toshiro, 4,554,007, Cl. 71-076.000.

Yamamoto, Shigeru; Miyake, Yuzuru; and Nohara, Isao, to Teijin Seiki Company Limited. Method of winding yarn on bobbin. 4,498,637, 2-12-85, Cl. 242-18.100.

Yamamoto, Shigeru, to Daiwa Seiko Kabushiki Kaisha. Casting handle for fishing rod. 4,528,769, 7-16-85, Cl. 43-22.000.

Yamamoto, Shinji: *See—*
- Hayashi, Junnosuke; Tanibuchi, Teruo; and Yamamoto, Shinji, 4,532,291, Cl. 524-496.000.
- Tanibuchi, Teruo; Ishiguchi, Koji; and Yamamoto, Shinji, 4,535,119, Cl. 524-496.000.
- Yamamoto, Etsuji; Sekihara, Kensuke; Kohno, Hideki; and Yamamoto, Shinji, 4,558,425, Cl. 364-555.000.

Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, to Sankyo Company Limited; and UBE Industries, Ltd. 4-[2-(Di- or trisubstitutedphenoxy)ethyl amino]-thienodipyrimidines and insecticidal and acaricidal composition containing said pyrimidines. 4,562,193, 12-31-85, Cl. 514-358.000.

Yamamoto, Sho: *See—*
- Tanimura, Nobuyoshi; Yamamoto, Sho; Yoshizaki, Kazuo; and Akima, Isao, 4,509,147, Cl. 365-190.000.

Yamamoto, Shoichi: *See—*
- Matsumoto, Kenji; Yamamoto, Shoichi; and Hayashi, Jun, 4,547,798, Cl. 358-44.000.
- Nomura, Yoshihisa; Watanabe, Shingo; and Yamamoto, Shoichi, 4,541,788, Cl. 417-471.000.

Yamamoto, Shu: *See—*
- Sakaguchi, Haruo; Seki, Norio; Yamamoto, Shu; and Okada, Akira, 4,523,802, Cl. 350-96.120.

Yamamoto, Shuji: *See—*
- Inaike, Toshihiro; Ushimi, Katsuhiko; Yamamoto, Shuji; and Inoue, Toshihiro, 4,508,766, Cl. 427-388.200.
- Inaike, Toshihiro; Yamamoto, Shuji; Ohe, Shunji; and Otsuka, Kazunori, 4,535,105, Cl. 524-104.000.

Yamamoto, Shunichi: *See—*
- Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Kato, Osamu, 4,521,294, Cl. 208-23.000.
- Uemura, Seiichi; Yamamoto, Shunichi; Hirose, Takao; Takashima, Hiroaki; and Katoh, Osamu, 4,533,535, Cl. 423-447.400.

Yamamoto, Soichiro: *See—*
- Aotsuka, Yasuo; and Yamamoto, Soichiro, 4,558,002, Cl. 430-538.000.

Yamamoto, Sumio, to Nippon Electric Co., Ltd. Monitor for transmission line. 4,546,467, 10-8-85, Cl. 370-13.000.

Yamamoto, Susumu; and Sato, Kazuyoshi, to Sumitomo Electric Industries, Ltd. Electrically conductive composite material. 4,537,808, 8-27-85, Cl. 428-36.000.

Yamamoto, Tadahiro; and Oota, Tadaki, to Nissan Motor Company, Limited. Variable venturi carburetor. 4,501,709, 2-26-85, Cl. 261-44.00D.

Yamamoto, Tadao: *See—*
- Tezuka, Sadao; Tanaka, Yasuhiko; Matsumura, Kunihiko; Yamamoto, Tadao; Suzuki, Nobuyoshi; and Tsurukawa, Toshio, 4,548,259, Cl. 165-14.000.

Yamamoto, Tadashi; and Moriguchi, Haruhiko, to Fuji Xerox Co., Ltd. Video signal transmitting system. 4,549,221, 10-22-85, Cl. 358-288.000.

Yamamoto, Tadashi; and Kurata, Masami, to Fuji Xerox Co., Ltd. Picture data reading device. 4,553,160, 11-12-85, Cl. 358-75.000.

Yamamoto, Tadashi: *See—*
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,550,095, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; and Ueno, Hiroshi, 4,551,440, Cl. 502-119.000.
- Imai, Masafumi; Yamamoto, Tadashi; Furuhashi, Hiroyuki; Ueno, Hiroshi; and Inaba, Naomi, 4,552,858, Cl. 502-112.000.

Yamamoto, Takaaki; and Kawai, Yasuhiro, to Fuji Photo Film Co., Ltd. Image scanning apparatus. 4,516,142, 5-7-85, Cl. 346-160.000.

Yamamoto, Takaaki, to Sansui Electric Co., Ltd. Signal reconstruction circuit for digital signals. 4,546,394, 10-8-85, Cl. 360-53.000.

Yamamoto, Takakazu; Yamamoto, Akio; and Sanechika, Kenichi, to Tokyo Institute of Technology. Linear poly(3-alkyl-2,5-thienylene) polymer. 4,521,589, 6-4-85, Cl. 528-380.000.

Yamamoto, Takao: *See—*
- Kakimoto, Toshihiko; Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,491,304, Cl. 267-140.100.
- Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,553,744, Cl. 267-140.100.

Yamamoto, Takashi; and Kitajima, Houdo, to Murata Manufacturing Co., Ltd. Chip-shaped piezoelectric vibrator mount. 4,542,315, 9-17-85, Cl. 310-348.000.

Yamamoto, Takashi; and Sakunaga, Kenichi, to Mitsubishi Rayon Co., Ltd. Optical fiber assembly and process for preparing same. 4,547,040, 10-15-85, Cl. 350-96.340.

Yamamoto, Takashi: *See—*
- Ikemoto, Kazuhito; Terakura, Yukio; Miyake, Takashi; and Yamamoto, Takashi, 4,509,381, Cl. 74-413.000.
- Nishida, Kozi; and Yamamoto, Takashi, 4,544,235, Cl. 350-96.340.
- Shindo, Mizuo; Yamamoto, Takashi; Fukunaga, Osamu; and Yamamori, Hisayoshi, 4,530,809, Cl. 264-210.700.
- Shinryo, Yuko; and Yamamoto, Takashi, 4,536,952, Cl. 29-596.000.

Yamamoto, Takayoshi: *See—*
- Yoshida, Hisayoshi; Ogawa, Ichitaro; Hagio, Tsuyoshi; Kobayashi, Kazuo; and Yamamoto, Takayoshi, 4,518,702, Cl. 501-90.000.

Yamamoto, Takehiko: *See—*
- Nukina, Yasuyuki; Namikawa, Syunji; Tomioka, Toshikazu; Yamamoto, Takehiko; and Oi, Susumu, 4,540,666, Cl. 435-167.000.

Yamamoto, Takemasa: *See—*
- Sasaki, Hirokazu; Morita, Akira; and Yamamoto, Takemasa, 4,561,944, Cl. 204-33.000.

Yamamoto, Takemi; and Suzuki, Makoto, to Brother Kogyo Kabushiki Kaisha. Apparatus for both printing characters and plotting graphs. 4,527,918, 7-9-85, Cl. 400-82.000.

Yamamoto, Takeshi; Suzuki, Norihito; Aoki, Toru; and Iwaki, Akio, to Konishiroku Photo Industry Co., Ltd. Support for lithographic printing plate. 4,492,740, 1-8-85, Cl. 428-629.000.

Yamamoto, Takeshi; and Goto, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Light-sensitive lithographic printing plate. 4,504,567, 3-12-85, Cl. 430-165.000.

Yamamoto, Takeshi; and Sakata, Hideo, to Mitutoyo Mfg. Co., Ltd. Digital indication type measuring machine. 4,536,963, 8-27-85, Cl. 33-178.00E.

Yamamoto, Takeshi; Sakata, Hideo; and Sugizaki, Iwao, to Mitutoyo Mfg. Co., Ltd. Two-directional touch sensor. 4,561,190, 12-31-85, Cl. 33-561.000.

Yamamoto, Takeshi: *See—*
- Iwaki, Akio; Suzuki, Norihito; Yamamoto, Takeshi; and Aoki, Toru, 4,522,891, Cl. 428-626.000.

- Yamamoto, Taku: *See—*
  - Kato, Kimio; Kobayashi, Hisao; Mukai, Takamitsu; Kono, Hiroya; and Yamamoto, Taku, 4,522,567, Cl. 417-270.000.
- Yamamoto, Takushi: *See—*
  - Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,507,438, Cl. 525-119.000.
  - Obayashi, Shigeji; Nakamura, Morio; Yamamoto, Takushi; and Fujikake, Masato, 4,541,871, Cl. 106-197.200.
- Yamamoto, Tamenobu, to Yamamoto Kogaku Co., Ltd. Helmet equipped with ventilator. 4,498,202, 2-12-85, Cl. 2-424.000.
- Yamamoto, Tamenobu, to Yamamoto Kogaku Co., Ltd. Helmet equipped with device for supplying atmospheric air. 4,502,480, 3-5-85, Cl. 128-201.150.
- Yamamoto, Tamenobu, to Yamamoto Kogaku Co., Ltd. Goggles for sports. 4,556,995, 12-10-85, Cl. 2-439.000.
- Yamamoto, Tamio; Kobayashi, Tsukasa; Hirakawa, Tadashi; Yoshida, Makoto; and Okumura, Masumi, to Teijin Limited. Paper-like polyester fiber sheet and process for producing the same. 4,496,583, 1-29-85, Cl. 428-288.000.
- Yamamoto, Tatuo: *See—*
  - Hagiwara, Zenzi; Yamamoto, Tatuo; and Kurozumi, Hiroshi, 4,519,813, Cl. 55-26.000.
- Yamamoto, Teruyuki: *See—*
  - Miyake, Masayoshi; Ueoka, Isao; Kawaguchi, Munetaka; Nakabayashi, Hirohiko; and Yamamoto, Teruyuki, 4,508,779, Cl. 428-383.000.
- Yamamoto, Tomio: *See—*
  - Yasue, Setsuo; and Yamamoto, Tomio, 4,498,835, Cl. 414-463.000.
- Yamamoto, Tomoyuki: *See—*
  - Shikama, Takashi; Yamamoto, Tomoyuki; and Takaoka, Yuichi, 4,504,817, Cl. 338-23.000.
  - Shikama, Takashi; Yamamoto, Tomoyuki; and Yokota, Atsuo, 4,516,054, Cl. 315-71.000.
- Yamamoto, Toru: *See—*
  - Ariga, Yoshio; Ishige, Yoshiki; Satoh, Shogi; Tegawa, Masao; Kinugasa, Toshiyuki; and Yamamoto, Toru, 4,505,774, Cl. 156-499.000.
  - Takeo, Tadashi; Yamamoto, Toru; and Yamashita, Sachihiro, 4,515,521, Cl. 414-735.000.
- Yamamoto, Toshiharu: *See—*
  - Iijima, Tokuzo; Yamamoto, Toshiharu; Kishimoto, Kazuo; Komabashiri, Takamichi; Kano, Toshiji; and Hisanaga, Akinori, 4,521,289, Cl. 204-253.000.
- Yamamoto, Toshihiko: *See—*
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.
- Yamamoto, Toshiki. Method and apparatus for pressing seams open on sewing machines. 4,495,879, 1-29-85, Cl. 112-217.000.
- Yamamoto, Toshiki; Kiriu, Yukio; Tsuneoka, Akira; and Sudo, Kunikane, to Nippon Steel Corporation. Abnormality detection and type discrimination in continuous casting operations. 4,556,099, 12-3-85, Cl. 164-451.000.
- Yamamoto, Toshio, to Tokyo Shibaura Denki Kabushiki Kaisha. Hybrid integrated circuit device. 4,542,438, 9-17-85, Cl. 361-403.000.
- Yamamoto, Toshiro; Kobayashi, Ryohei; Kurimoto, Mamoru; and Ozone, Toshio, to Aichi Steel Works, Ltd.; and Chuo Hatsujo Kabushiki Kaisha. Spring steel having a good sag-resistance and a good hardenability. 4,544,406, 10-1-85, Cl. 75-123.00N.
- Yamamoto, Toshitaka: *See—*
  - Kushima, Tadao; Gooda, Masahiro; Soga, Tasao; and Yamamoto, Toshitaka, 4,503,597, Cl. 29-569.00R.
- Yamamoto, Tsukasa; Mochizuki, Asao; Okita, Hiroshi; Miyawaki, Toshi; Shirogane, Yoshiji; and Mori, Kazuhiko, to Toyota Motor Corporation; and Nihon Parkerizing Co. Process for activating steel surface prior to phosphating treatment aqueous activating solution therefor. 4,517,030, 5-14-85, Cl. 148-6.15R.
- Yamamoto, Tsuneo: *See—*
  - Uda, Junji; Yamamoto, Tsuneo; and Kosugi, Takumi, 4,515,915, Cl. 524-87.000.
- Yamamoto, Tsutomu; Ashizawa, Masaaki; Nishimoto, Kazuo; and Sekiguchi, Yuji, to Nichias Corporation. Compressed non-asbestos sheets. 4,508,777, 4-2-85, Cl. 428-280.000.
- Yamamoto, Tsutomu: *See—*
  - Tsuchimoto, Yasushi; Takahata, Shiro; Shimada, Kiyotaka; Tanaka, Koji; Aoki, Susumu; Yamamoto, Tsutomu; Ashizawa, Masaaki; and Nishimoto, Kazuo, 4,546,033, Cl. 428-290.000.
- Yamamoto, Yasuhiro: *See—*
  - Ito, Yasuro; Higuchi, Yoshiro; Tsuji, Masanori; Yamamoto, Yasuhiro; Tada, Hiroshi; Kuroha, Kenji; Nakamura, Takashi; and Tomikawa, Koichi, 4,492,478, Cl. 366-28.000.
- Yamamoto, Yasuo; and Kanno, Isao, to Sanshin Kogyo Kabushiki Kaisha. Over-revolution preventing apparatus for internal combustion engines. 4,492,197, 1-8-85, Cl. 123-630.000.
- Yamamoto, Yasuo: *See—*
  - Yoshihara, Mitsuo; Morikawa, Yoshitada; Yamamoto, Yasuo; Komada, Mitsuharu; and Hattori, Masaaki, 4,560,713, Cl. 523-400.000.
- Yamamoto, Yohzoh: *See—*
  - Oda, Hidekuni; Minami, Syuji; Inoue, Hiroshi; Matsuda, Akira; and Yamamoto, Yohzoh, 4,510,303, Cl. 526-282.000.
- Yamamoto, Yoshifumi: *See—*
  - Kakizaki, Shinobu; and Yamamoto, Yoshifumi, 4,526,401, Cl. 280-707.000.
- Yamamoto, Yoshiharu; Nakajima, Yasuo; and Nagaoka, Yoshitomi, to Matsushita Electric Industrial Co., Ltd. Projection lens apparatus. 4,548,480, 10-22-85, Cl. 350-432.000.
- Yamamoto, Yoshihiko: *See—*
  - Matsumura, Susumu; Yano, Masao; Sashida, Nobuo; and Yamamoto, Yoshihiko, 4,536,816, Cl. 361-91.000.
- Yamamoto, Yoshihiro; Suzuki, Junichiro; and Nakamura, Minoru, to NGK Spark Plug Co., Ltd. Process for producing titanium nitride base cermets with high toughness. 4,521,248, 6-4-85, Cl. 75-238.000.
- Yamamoto, Yoshihiro; and Sakurai, Kenji, to NGK Spark Plug Co., Ltd. Ceramic material for cutting tools and process for the production thereof. 4,526,875, 7-2-85, Cl. 501-87.000.
- Yamamoto, Yoshihiro: *See—*
  - Tanaka, Hiroshi; and Yamamoto, Yoshihiro, 4,518,398, Cl. 51-309.000.
- Yamamoto, Yoshihisa, to Nippondenso Co., Ltd. Fuel injection control for internal combustion engines. 4,499,876, 2-19-85, Cl. 123-446.000.
- Yamamoto, Yoshihito: *See—*
  - Nishitani, Yoshihisa; Nakano, Masateru; and Yamamoto, Yoshihito, 4,562,493, Cl. 360-74.100.
- Yamamoto, Yoshiichi: *See—*
  - Tsunemi, Kazumasa; Suzuki, Taro; and Yamamoto, Yoshiichi, 4,504,636, Cl. 526-67.000.
- Yamamoto, Yoshikazu. Domestic pets' chamberpot. 4,517,920, 5-21-85, Cl. 119-1.000.
- Yamamoto, Yoshikazu; Mizuguchi, Ryuzo; and Yamada, Yasuyuki, to Nippon Paint Co., Ltd. Tissue culture of lichens. 4,536,474, 8-20-85, Cl. 435-42.000.
- Yamamoto, Yoshiko: *See—*
  - Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.
- Yamamoto, Yoshimi: *See—*
  - Tobita, Tomoyuki; Yamamoto, Yoshimi; Nagasu, Akira; and Takahashi, Yukio, 4,546,653, Cl. 73-720.000.
  - Toyama, Hiroshige; Mizuno, Yoshiyuki; Yamamoto, Yoshimi; and Kato, Mitsuru, 4,560,115, Cl. 242-107.40A.
- Yamamoto, Yoshinori: *See—*
  - Hanajima, Mitsuru; Yamamoto, Yoshinori; and Matsumoto, Yasushi, 4,503,471, Cl. 360-69.000.
  - Ri, Masao; Ohhara, Kenji; Yamamoto, Yoshinori; Takada, Akira; Watanabe, Hisanori; and Osada, Yasuo, 4,547,823, Cl. 360-90.000.
- Yamamoto, Yoshio: *See—*
  - Matsui, Isamu; Yamamoto, Yoshio; Nakanishi, Kazuo; Kiriake, Masaharu; and Shimamoto, Akira, 4,544,107, Cl. 242-35.50A.
  - Yemoto, Jiichiro; Tarao, Ryokichi; and Yamamoto, Yoshio, 4,500,725, Cl. 556-482.000.
  - Yemoto, Jiichiro; Tarao, Ryokichi; and Yamamoto, Yoshio, 4,524,018, Cl. 252-522.00A.
- Yamamoto, Yukio, to Nissan Motor Company, Limited. Electric heating apparatus for dissipating fog from a window. 4,539,466, 9-3-85, Cl. 219-203.000.
- Yamamoto, Yukio: *See—*
  - Kato, Yasuji; Kobayashi, Hiroyuki; and Yamamoto, Yukio, 4,560,861, Cl. 235-105.000.
- Yamamoto, Yuuji: *See—*
  - Kondo, Makoto; Nagasaku, Eiichi; Yamamoto, Yuuji; and Taya, Tosiki, 4,526,524, Cl. 418-255.000.
- Yamamura Glass Co., Ltd.: *See—*
  - Ono, Hiroyuki, 4,493,722, Cl. 65-30.140.
- Yamamura Glass Kabushiki Kaisha: *See—*
  - Watanabe, Tsukasa, 4,547,067, Cl. 356-239.000.
- Yamamura, Kazumasa: *See—*
  - Ishiguro, Mamoru; Matsuyama, Atsuo; and Yamamura, Kazumasa, 4,507,691, Cl. 360-14.300.
- Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Sakaguchi, Hifumi; Morita, Masao; and Izawa, Toshio, to Kokusai Denshin Denwa Co., Ltd. Marine cable burying method and device therefor. 4,537,530, 8-27-85, Cl. 405-160.000.
- Yamamura, Kazuomi; Ishihara, Hideo; Iwamoto, Yoshinao; Suzuki, Shizuo; Sirasaki, Yuichi; and Asakawa, Kenichi, to Kokusai Denshin Denwa Co., Ltd. Alternating current induction method using an annular magnetic coupling body for detecting the position of a buried submarine cable. 4,540,942, 9-10-85, Cl. 324-326.000.
- Yamamura, Michael M., to Rockwell International Corporation. High voltage level detector and method. 4,496,855, 1-29-85, Cl. 307-350.000.
- Yamamura, Michael M., to Rockwell International Corporation. MOS/LSI Time delay circuit. 4,503,345, 3-5-85, Cl. 307-605.000.
- Yamamura, Michael M.: *See—*
  - Spence, John R.; and Yamamura, Michael M., 4,504,745, Cl. 307-473.000.
- Yamamura, Nobuo: *See—*
  - Takahashi, Osamu; Yamamura, Nobuo; Mukunoki, Yasuo; Ogawa, Shungi; and Nakagawa, Yutaka, 4,500,362, Cl. 106-309.000.
- Yamamura, Norio: *See—*
  - Toyoda, Kenji; Naito, Kaoru; and Yamamura, Norio, 4,504,837, Cl. 346-1.100.
- Yamamura, Takashige: *See—*
  - Kaneko, Fuminori; Yamamura, Takashige; and Matsumoto, Satosi, 4,552,009, Cl. 72-316.000.

- Yamamura, Takemi: *See—*
  - Yajima, Seishi; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamamura, Takemi, 4,556,526, Cl. 264-60.000.
- Yamamura, Takeshi: *See—*
  - Takayama, Yoshihisa; Gotoh, Kunihiko; Ito, Akihiko; Yamamura, Takeshi; and Fujita, Kazuyoshi, 4,536,949, Cl. 29-578.000.
- Yamamura, Yuichi; Azuma, Ichiro; Ennyu, Katsusuke; and Aoki, Osamu. Solidified pharmaceutical composition comprising cell wall skeleton. 4,543,253, 9-24-85, Cl. 514-21.000.
- Yamamura, Yuichi; and Kishimoto, Tadamitsu. Human T cell lines and method of producing same. 4,544,632, 10-1-85, Cl. 435-68.000.
- Yamamura, Yukio; and Hamabe, Takafumi, to Matsushita Electric Works, Ltd. Massaging element. 4,491,127, 1-1-85, Cl. 128-57.000.
- Yamamura, Yukio; Nakayama, Jingo; Ikeda, Atsunobu; and Kawamoto, Takashi, to Matsushita Electric Works, Ltd. Chair with a back for reclining. 4,534,590, 8-13-85, Cl. 297-180.000.
- Yamamura, Yutaka; Kaneko, Tomomichi; and Hayashi, Shunichi, to Nitto Electric Industrial Co., Ltd. Method of peel development. 4,504,571, 3-12-85, Cl. 430-253.000.
- Yamamuro, Kiyohiko; Hirano, Shigeo; Itoh, Isamu; and Iwasa, Yasuo, to Fuji Photo Film Co., Ltd. Method for bleaching color photosensitive material. 4,508,816, 4-2-85, Cl. 430-393.000.
- Yamamuro, Kiyohiko; Iwasa, Yasuo; and Itoh, Isamu, to Fuji Photo Film Co., Ltd. Photographic silver halide light-sensitive material. 4,554,246, 11-19-85, Cl. 430-611.000.
- Yamamuro, Kiyohiko: *See—*
  - Ikeda, Tadashi; Kuwabara, Kenichi; Yamamuro, Kiyohiko; and Kokubo, Tadayoshi, 4,551,424, Cl. 430-588.000.
  - Inoue, Noriyuki; Okazaki, Masaki; Yamamuro, Kiyohiko; and Takei, Haruo, 4,555,482, Cl. 430-574.000.
  - Kamei, Sadao; Ohashi, Yuichi; Ukai, Toshinao; Yamamuro, Kiyohiko; and Takei, Haruo, 4,546,074, Cl. 430-573.000.
  - Nakajima, Junya; Itoh, Isamu; Yamamuro, Kiyohiko; and Ogawa, Eiiti, 4,506,007, Cl. 430-393.000.
  - Tanemura, Hatsumi; Ukai, Toshinao; Okazaki, Masaki; Deguchi, Naoyasu; Fujita, Munehisa; and Yamamuro, Kiyohiko, 4,556,633, Cl. 430-573.000.
- Yamamuro, Kiyoshi: *See—*
  - Imose, Kazuo; Yamamuro, Kiyoshi; Takeuchi, Hironori; and Misawa, Takashi, 4,518,962, Cl. 340-870.280.
- Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, to Nissan Motor Company, Limited. Continuously variable V-belt transmission including hydrodynamic transmission unit with lock-up means. 4,510,822, 4-16-85, Cl. 74-733.000.
- Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, to Nissan Motor Company, Limited. Hydraulic control system for continuously variable V-belt transmission. 4,519,790, 5-28-85, Cl. 474-18.000.
- Yamamuro, Sigeaki; Kumura, Haruyoshi; Tanaka, Yoshikazu; Abo, Keiju; and Hirano, Hiroyuki, to Nissan Motor Company, Limited. Control system for continuously variable transmission with space saving automatic clutch control. 4,542,665, 9-24-85, Cl. 74-866.000.
- Yamamuro, Sigeaki; Hirano, Hiroyuki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, to Nissan Motor Company, Limited. Method and apparatus for controlling continuously variable V-belt transmission. 4,543,077, 9-24-85, Cl. 474-12.000.
- Yamamuro, Sigeaki: *See—*
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,533,340, Cl. 474-28.000.
  - Abo, Keiju; Yamamuro, Sigeaki; Tanaka, Yoshikazu; Kumura, Haruyoshi; and Hirano, Hiroyuki, 4,545,265, Cl. 74-868.000.
  - Hirano, Hiroyuki; Yamamuro, Sigeaki; Morimoto, Yoshiro; and Tanaka, Yoshikazu, 4,494,942, Cl. 474-28.000.
  - Tanaka, Yoshikazu; Yamamuro, Sigeaki; Hirano, Hiroyuki; and Morimoto, Yoshiro, 4,512,751, Cl. 474-28.000.
  - Tanaka, Yoshikazu; Hirano, Hiroyuki; Abo, Keiju; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,526,557, Cl. 474-18.000.
  - Tanaka, Yoshikazu; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; Yamamuro, Sigeaki; and Morimoto, Yoshiro, 4,536,171, Cl. 474-28.000.
  - Tanaka, Yoshikazu; Yamamuro, Sigeaki; Abo, Keiju; Hirano, Hiroyuki; Kumura, Haruyoshi; and Morimoto, Yoshiro, 4,557,706, Cl. 474-28.000.
- Yamana, Hajimu: *See—*
  - Kubota, Kanya; Yamana, Hajimu; and Takeda, Seiichiro, 4,526,658, Cl. 203-13.000.
- Yamana, Noriaki: *See—*
  - Kaneko, Fumihiko; Murakawa, Tetsuya; Nitta, Koichi; Yamana, Noriaki; Takeda, Masashi; and Tachi, Kunio, 4,514,787, Cl. 361-420.000.
- Yamanaga, Junichi; and Naito, Shiro, to Honda Giken Kogyo Kabushiki Kaisha. Workpiece attaching and detaching apparatus. 4,506,441, 3-26-85, Cl. 29-787.000.
- Yamanaga, Junichi; and Naito, Shiro, to Honda Giken Kogyo Kabushiki Kaisha. Replaceable head multi-spindle fastening apparatus. 4,542,576, 9-24-85, Cl. 29-568.000.
- Yamanaga, Nobuki, to Ye Data Inc. Hammer driving circuit for a dot system line printer. 4,550,659, 11-5-85, Cl. 101-93.040.
- Yamanaka, Akira, to Minolta Camera Kabushiki Kaisha. Photography modes switchable camera. 4,500,191, 2-19-85, Cl. 354-418.000.
- Yamanaka, Eisuke: *See—*
  - Ehiro, Takashi; Tanaka, Teruaki; and Yamanaka, Eisuke, 4,550,582, Cl. 72-234.000.
- Yamanaka, Hideaki: *See—*
  - Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, 4,499,088, Cl. 514-202.000.
  - Takaya, Takao; Takasugi, Hisashi; and Yamanaka, Hideaki, 4,515,788, Cl. 514-202.000.
  - Takaya, Takao; Takasugi, Hisashi; Yamanaka, Hideaki; Miyai, Kenji; and Inoue, Yoshikazu, 4,546,101, Cl. 514-253.000.
  - Takaya, Takao; Takasugi, Hisashi; Masugi, Takashi; Yamanaka, Hideaki; and Kawabata, Kohji, 4,559,334, Cl. 514-202.000.
- Yamanaka, Hiromitsu: *See—*
  - Yaji, Motoyasu; Shimizu, Masuto; Yamanaka, Hiromitsu; and Koshikawa, Takao, 4,553,604, Cl. 164-453.000.
- Yamanaka, Hiroshi: *See—*
  - Mizumukai, Ken; Masamura, Tatuya; and Yamanaka, Hiroshi, 4,561,524, Cl. 188-319.000.
  - Wakabayashi, Hajimu; Terai, Ryohei; Yamanaka, Hiroshi; and Hara, Shigeo, 4,514,329, Cl. 252-629.000.
- Yamanaka, Isao, to Honda Giken Kogyo Kabushiki Kaisha. Choke lever device for a two-wheeled motor vehicle. 4,526,056, 7-2-85, Cl. 74-489.000.
- Yamanaka, Junichi; and Nishino, Taizou, to Tokyo Shibaura Denki Kabushiki Kaisha. Color television camera apparatus. 4,506,287, 3-19-85, Cl. 358-21.00R.
- Yamanaka, Junichi; and Kusaka, Masataka, to Tokyo Shibaura Denki Kabushiki Kaisha. Coil device for image pickup tube. 4,540,918, 9-10-85, Cl. 315-371.000.
- Yamanaka, Kazushi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for measurement of velocity of surface acoustic wave. 4,524,621, 6-25-85, Cl. 73-597.000.
- Yamanaka, Kimio, to Mitsubishi Denki Kabushiki Kaisha. Control device. 4,550,278, 10-29-85, Cl. 318-632.000.
- Yamanaka, Kimio, to Mitsubishi Denki Kabushiki Kaisha. Plant controller simulator with structure for combining simulation signals with actual process I/O signals. 4,555,756, 11-26-85, Cl. 364-130.000.
- Yamanaka, Koichi; Gotoh, Tetsuro; Aoki, Masanori; Kataoka, Isao; and Nishiwaki, Shunro, to Ebara Corporation. Solids-liquid separator. 4,517,091, 5-14-85, Cl. 210-512.100.
- Yamanaka, Masashige: *See—*
  - Shibata, Takanori; Yamanaka, Masashige; and Kako, Hiroyuki, 4,547,543, Cl. 524-264.000.
- Yamanaka, Mikio: *See—*
  - Zaizen, Takashi; Otoguro, Yasuo; Yamanaka, Mikio; and Yamane, Shozo, 4,535,034, Cl. 428-653.000.
- Yamanaka, Minoru: *See—*
  - Haneda, Hideo; and Yamanaka, Minoru, 4,494,098, Cl. 335-230.000.
  - Haneda, Hideo; and Yamanaka, Minoru, 4,558,293, Cl. 335-255.000.
- Yamanaka, Mithuyuki: *See—*
  - Hayashi, Yutaka; Yamanaka, Mithuyuki; Iida, Hideyo; Shiba, Nobuyasu; Karasawa, Hideyuki; Mishuku, Toshio; and Itou, Atsuo, 4,500,743, Cl. 136-258.000.
- Yamanaka, Motosuke; Saito, Isao; Yamatsu, Kiyomi; and Fujimoto, Takako, to Eisai Co., Ltd. Anti-depressant imidazoles. 4,533,669, 8-6-85, Cl. 514-396.000.
- Yamanaka, Seisuke; Sase, Masatoshi; Yoshioka, Osamu; and Kajino, Isao, to Sony Corporation. Solid state image pick-up devices. 4,556,912, 12-3-85, Cl. 358-213.000.
- Yamanaka, Seisuke: *See—*
  - Ochi, Shigeyuki; and Yamanaka, Seisuke, 4,541,016, Cl. 358-228.000.
  - Onga, Makoto; Sase, Masatoshi; and Yamanaka, Seisuke, 4,527,190, Cl. 358-30.000.
  - Sase, Masatoshi; Onga, Makoto; and Yamanaka, Seisuke, 4,496,967, Cl. 358-44.000.
  - Sase, Masatoshi; and Yamanaka, Seisuke, 4,551,761, Cl. 358-213.000.
  - Yoshioka, Osamu; Kajino, Isao; and Yamanaka, Seisuke, 4,553,169, Cl. 358-221.000.
- Yamanaka, Shoji: *See—*
  - Hottori, Makoto; and Yamanaka, Shoji, 4,562,056, Cl. 423-351.000.
- Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Electrode composition for vacuum switch. 4,499,009, 2-12-85, Cl. 252-512.000.
- Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, to Mitsubishi Denki Kabushiki Kaisha. Electrode composition for vacuum switch. 4,537,743, 8-27-85, Cl. 419-38.000.
- Yamanaka, Teruo; Hayakawa, Kizo; Suzuki, Yasuhiko; and Esaki, Michiru. Apparatus for detecting combustion timing. 4,492,114, 1-8-85, Cl. 73-117.300.
- Yamanaka, Teruo: *See—*
  - Kinoshita, Masao; Yamanaka, Teruo; Hayakawa, Kizo; and Sugimoto, Takao, 4,545,238, Cl. 73-117.300.
- Yamanaka, Toru; and Yoshimura, Tadatoshi, to Mitsui Petrochemical Industries, Ltd. Process for preparing tetrakis [3-(3,5-dibutyl-4-hydroxyphenyl)propionyloxymethyl] methane. 4,547,585, 10-15-85, Cl. 560-075.000.
- Yamanari, Kenzo, to Nippon Electric Co., Ltd. Charge transfer device having a precisely controlled injection rate. 4,546,368, 10-8-85, Cl. 357-24.000.
- Yamanari, Shozo; Horiuchi, Tetsuo; Sugisaki, Toshihiko; and Tominaga, Kenji, to Hitachi, Ltd. Containment vessel for a nuclear reactor. 4,526,743, 7-2-85, Cl. 376-283.000.

Yamanashi, Fumiaki: *See*—
- Hayashi, Yuzo; Yamanashi, Fumiaki; and Fujiwara, Yoshiyuki, 4,543,201, Cl. 252-299.100.

Yamanashi, Masaaki: *See*—
- Tomiyama, Yoshiro; Yamanashi, Masaaki; Morishita, Hitoshi; Sudo, Fumio; Fujii, Shuzo; and Miwa, Hideo, 4,552,334, Cl. 251-240.000.

Yamanashi, Shigeaki, to Toyo Seikan Kaisha, Ltd. Pull tab for readily openable can lid. 4,557,397, 12-10-85, Cl. 220-270.000.

Yamanashi, Yoshihiro; Okuma, Minoru; Hata, Masahito; and Nishihara, Toshio, to Toyo Shokuhin Kikai Kabushiki Kaisha. Phase control device. 4,557,711, 12-10-85, Cl. 474-900.000.

Yamane, Akira: *See*—
- Sawanishi, Shigeru; Shiomi, Yozo; and Yamane, Akira, 4,510,111, Cl. 264-177.00F.

Yamane, Akiyoshi. Process for the production of controlled freezing point dried foods. 4,555,410, 11-26-85, Cl. 426-384.000.

Yamane, Chiyoki: *See*—
- Fujii, Hideichi; Yamane, Chiyoki; and Kawai, Fumio, 4,520,057, Cl. 428-68.000.

Yamane, Hiroshi: *See*—
- Nagashima, Masayoshi; and Yamane, Hiroshi, 4,517,590, Cl. 358-75.000.
- Nagashima, Masayoshi; Yamane, Hiroshi; and Yamashita, Mitsuo, 4,517,591, Cl. 358-75.000.
- Nagashima, Masayoshi; Yamane, Hiroshi; Kikkawa, Shigeru; and Teraki, Yoshinori, 4,527,172, Cl. 346-76.0PH.
- Nagashima, Masayoshi; Yamane, Hiroshi; Nonoyama, Makoto; and Tashiro, Tsuneo, 4,542,387, Cl. 346-76.0PH.
- Nagashima, Masayoshi; and Yamane, Hiroshi, 4,562,444, Cl. 346-76.0PH.

Yamane, Isao; Kan, Mikio; and Minamoto, Yoshiki, to Ajinomoto Co., Inc.; and Yamane, Isao. Culture medium. 4,533,637, 8-6-85, Cl. 435-240.000.

Yamane, Iwao: *See*—
- Fujita, Jiro; and Yamane, Iwao, 4,497,266, Cl. 112-121.110.

Yamane, Jimmie F. Bowling ball including thumb-hole insert. 4,530,502, 7-23-85, Cl. 273-63.00A.

Yamane, Junji: *See*—
- Miyakawa, Tsutomu; Yamane, Junji; Takagi, Masahiro; Arai, Tomoyoshi; Tanaka, Haruhiko; Morita, Yuji; and Sakurai, Satoshi, 4,539,669, Cl. 369-75.200.

Yamane, Makoto: *See*—
- Komatsu, Nobuhiro; Fujimoto, Minoru; Hirata, Kazuyuki; and Yamane, Makoto, 4,542,934, Cl. 296-194.000.

Yamane, Masataka; Kusashio, Akira; Kudaka, Satoru; Kobayashi, Tatuhiro; and Ebata, Yasuhiko, to Matsushita Electric Industrial Co., Ltd. Solid air-conditioning machine. 4,505,129, 3-19-85, Cl. 62-280.000.

Yamane, Noriomi; Arimatsu, Yoshikazu; Katsuo, Kenichi; Saitoh, Minoru; Tani, Katsya; Mitamura, Hideyuki; and Hiroyoshi, Kamatani, to Toyo Boseki Kabushiki Kaisha. Urethane polymers containing a tertiary nitrogen atom, and their production. 4,562,239, 12-31-85, Cl. 528-65.000.

Yamane, Satoshi; and Suzuki, Toshitatsu, to Ricoh Company, Ltd. Distance measuring apparatus. 4,527,892, 7-9-85, Cl. 356-1.000.

Yamane, Shozo: *See*—
- Zaizen, Takashi; Otoguro, Yasuo; Yamanaka, Mikio; and Yamane, Shozo, 4,535,034, Cl. 428-653.000.

Yamane, Toshihiro; Ohashi, Kenzi; and Sakaguchi, Toshiharu, to Toray Industries, Inc.; and Tokyo Printing Ink Mfg. Co., Ltd. Electro-conductive thermoplastic resin foam and preparation process thereof. 4,525,297, 6-25-85, Cl. 252-511.000.

Yamane, Yoshio: *See*—
- Sugiyama, Toshio; and Yamane, Yoshio, 4,547,871, Cl. 369-44.000.

Yamanis, Jean; Carlson, Emery J.; and Armor, John N., to Allied Corporation. Oxidation of primary amines to oximes by elemental oxygen with catalyst regeneration. 4,560,797, 12-24-85, Cl. 564-267.000.

Yamanishi, Akio; and Sato, Kanichi, to Kabushiki Kaisha Komatsu Seisakusho. Method for making molds. 4,518,031, 5-21-85, Cl. 164-526.000.

Yamanishi, Akio: *See*—
- Sato, Kan-ichi; Yamanishi, Akio; and Higashino, Takashi, 4,535,831, Cl. 164-33.000.

Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, to Sumitomo Electric Industries, Ltd. Method for coating optical transmission glass fibers. 4,512,281, 4-23-85, Cl. 118-627.000.

Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, to Sumitomo Electric Industries, Ltd. Method for coating optical transmission glass fibers. 4,539,219, 9-3-85, Cl. 427-32.000.

Yamano, Fumiyuki: *See*—
- Okajima, Atsushi; Nitta, Yoshihiko; and Yamano, Fumiyuki, 4,502,128, Cl. 364-900.000.

Yamano, Masaru; Nagaoka, Isao; Kuwano, Yukinori; Kawada, Hiroshi; and Sakai, Souichi, to Sanyo Electric Co., Ltd. Method of manufacturing photovoltaic device. 4,542,578, 9-24-85, Cl. 29-572.000.

Yamano, Seiichi; and Ogiwara, Haruo, to Nippon Telegraph & Telephone Public Corporation. DC-DC Converter for remote power feeding. 4,507,721, 3-26-85, Cl. 363-21.000.

Yamano, Yuzo; and Oozeki, Hikaru, to Sony Corporation. Tape tension measuring device. 4,534,215, 8-13-85, Cl. 73-862.440.

Yamanobe, Takashi; Mitsuishi, Yasushi; and Takasaki, Yoshiyuki, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for manufacture of cellulase. 4,562,150, 12-31-85, Cl. 435-99.000.

Yamanobe, Yoichiro: *See*—
- Fukuda, Hiroyuki; Kaji, Hisatsugu; Fujimaki, Hiroto; Yamanobe, Yoichiro; Hiruta, Masaru; and Ohmi, Sigeru, 4,506,028, Cl. 502-101.000.

Yamanoi, Hiroshi: *See*—
- Uedaira, Satoru; Yamanoi, Hiroshi; and Tamura, Hidemasa, 4,520,004, Cl. 423-598.000.
- Uedaira, Satoru; Yamanoi, Hiroshi; Suzuki, Masayuki; Tamura, Hidemasa; and Suzuki, Hiroyuki, 4,547,355, Cl. 423-593.000.

Yamanoi, Kiyoshi: *See*—
- Nakaso, Akishi; Yamanoi, Kiyoshi; Okamura, Toshiro; and Tsuru, Yoshiyuki, 4,548,644, Cl. 106-1.230.
- Nakaso, Akishi; Okamura, Toshiro; Yamanoi, Kiyoshi; and Nakajima, Sumiko, 4,557,762, Cl. 106-1.230.

Yamanouchi, Hiroshi: *See*—
- Uehara, Seigo; Yamanouchi, Hiroshi; and Kuji, Mitsugu, 4,549,237, Cl. 360-71.000.

Yamanouchi Pharmaceutical Co., Ltd.: *See*—
- Hirata, Yasufumi; and Yanagisawa, Isao, 4,562,261, Cl. 548-184.000.
- Imai, Kazuhiro; Zenzo, Tamura; and Shin-Ichiro, Kobayashi, 4,540,548, Cl. 422-52.000.
- Imai, Kazuo; Niigata, Kunihiro; Fujikura, Takashi; Hashimoto, Shinichi; and Takenaka, Toichi, 4,558,156, Cl. 564-85.000.
- Murase, Kiyoshi; Mase, Toshiyasu; and Tomioka, Kenichi, 4,497,817, Cl. 548-150.000.

Yamaoka, Akira: *See*—
- Shintani, Yoichi; Wada, Kenichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,532,589, Cl. 364-200.000.
- Wada, Kenichi; Shintani, Yooichi; Shimizu, Tsuguo; and Yamaoka, Akira, 4,541,047, Cl. 364-200.000.

Yamaoka, Hideyoshi: *See*—
- Ohta, Kenji; Hirokane, Junji; Katayama, Hiroyuki; Takahashi, Akira; and Yamaoka, Hideyoshi, 4,544,443, Cl. 156-643.000.

Yamaoka, Hideyuki; Hatano, Michiharu; Miyazaki, Tomio; Shimoda, Teruhisa; and Oki, Koji, to Sumitomo Metal Industries, Ltd. Apparatus for coal-gasification and making pig iron. 4,504,043, 3-12-85, Cl. 266-160.000.

Yamaoka, Hiromasa; Iwasa, Yuzaburo; and Matunaga, Kazuhisa, to Hitachi, Ltd. Method and apparatus for self-control in distributed priority collision. 4,494,113, 1-15-85, Cl. 340-825.500.

Yamaoka, Katsumi: *See*—
- Watanabe, Toshiaki; Uenishi, Toshifumi; Sahara, Hiroshi; and Yamaoka, Katsumi, 4,544,922, Cl. 340-728.000.

Yamaoka, Masayoshi: *See*—
- Numata, Mitsuo; Minamida, Isao; Yamaoka, Masayoshi; Shiraishi, Mitsuru; and Miyawaki, Toshio, 4,517,361, Cl. 544-24.000.

Yamaoka, Noboru: *See*—
- Matsuura, Kazuo; Yamaoka, Noboru; Yanahashi, Shinichi; Usui, Katumi; and Miyoshi, Mituji, 4,495,334, Cl. 525-240.000.

Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, to Taiyo Yuden Kabushiki Kaisha. Semiconductive ceramic compositions with a nonlinear volt-ampere characteristic, and process for preparing coherent bodies of such compositions. 4,519,942, 5-28-85, Cl. 252-520.000.

Yamaoka, Nobutatsu; Tsukada, Akira; and Sasazawa, Kazuo, to Taiyo Yuden Co., Ltd. Semiconductive ceramic compositions with a nonlinear volt-ampere characteristic, and process for preparing coherent bodies of such compositions. 4,541,974, 9-17-85, Cl. 264-61.000.

Yamaoka, Nobutatsu: *See*—
- Masuyama, Masaru; Hirooka, Susumu; and Yamaoka, Nobutatsu, 4,545,929, Cl. 252-520.000.
- Masuyama, Masaru; Hirooka, Susumu; and Yamaoka, Nobutatsu, 4,547,314, Cl. 252-520.000.

Yamaoka, Tsuguo; and Fukuda, Mitsutoshi, to Toyo Soda Manufacturing Co., Ltd. Photosensitive compositions. 4,515,886, 5-7-85, Cl. 430-270.000.

Yamaoka, Tsuguo: *See*—
- Tsunoda, Takahiro; Yamaoka, Tsuguo; Ohmori, Akira; Tomihashi, Nobuyuki; and Tamaru, Sinji, 4,529,783, Cl. 526-246.000.

Yamaoka, Yoshiaki: *See*—
- Tooka, Takuzo; Nozaki, Choji; Hasegawa, Junzo; Kawabata, Susumu; Niimi, Hiroshi; Yamaoka, Yoshiaki; Goto, Hiroaki; and Miura, Yasuhiro, 4,542,560, Cl. 19-98.000.

Yamaoka, Yukinori; and Takahashi, Takeshi, to Hitachi, Ltd. Gas-insulated switchgear equipment. 4,535,383, 8-13-85, Cl. 361-341.000.

Yamasa Shoyu Kabushiki Kaisha: *See*—
- Fujita, Eiichi; Nagao, Yoshimitsu; Ikeda, Takao; and Inoue, Takehisa, 4,495,355, Cl. 546-209.000.
- Kodama, Kenjiro; Kurinaka, Akira; and Saneyoshi, Mineo, 4,542,021, Cl. 514-49.000.
- Sakata, Shinji; and Machida, Haruhiko, 4,542,210, Cl. 536-29.000.

Yamasa Tokei Meter Co., Ltd.: *See*—
- Kato, Yasuji; Kobayashi, Hiroyuki; and Yamamoto, Yukio, 4,560,861, Cl. 235-105.000.

Yamasaki, Eiji: *See*—
- Takino, Kenichi; Yamasaki, Eiji; and Murakami, Kenji, 4,533,316, Cl. 431-32.000.

Yamasaki, Harumasa; Kobayashi, Takatoshi; and Sumida, Yuzo, to Kao Corporation. Process for producing highly water absorptive polymer. 4,497,930, 2-5-85, Cl. 524-556.000.

Yamasaki, Harumasa: *See*—
- Ito, Osamu; Yamasaki, Harumasa; Minakata, Itsuo; and Nishizawa, Kazunori, 4,524,577, Cl. 57-200.000.

Yamasaki, Hiro; Chin, Tung Jin; and Akiyama, Chuji, to Yokogawa Hokushin Electric Corporation. Electromagnetic flow meter. 4,524,627, 6-25-85, Cl. 73-861.120.

- Yamasaki, Hitoshi, to Sharp Kabushiki Kaisha. Read format preset in an electronic cash register. 4,508,962, 4-2-85, Cl. 235-378.000.
- Yamasaki, Kazuyuki; and Kagawa, Fukashi, to Mitsui Petrochemical Industries, Ltd. Electret article. 4,513,049, 4-23-85, Cl. 428-194.000.
- Yamasaki, Masafumi, to Olympus Optical Co., Ltd. Automatic exposure controller for a camera. 4,500,192, 2-19-85, Cl. 354-427.000.
- Yamasaki, Masafumi: *See—*
  - Tsunefuji, Katsuhiko; and Yamasaki, Masafumi, 4,529,289, Cl. 354-433.000.
- Yamasaki, Masahiro: *See—*
  - Suzuki, Shigeyoshi; Yamada, Jun; Senga, Takao; Kuriu, Sadao; Yamasaki, Masahiro; Hirose, Iwao; and Maegawa, Tokubee, 4,521,101, Cl. 355-10.000.
- Yamasaki, Saburou: *See—*
  - Hiraiwa, Kazuyoshi; and Yamasaki, Saburou, 4,507,981, Cl. 74-477.000.
- Yamasaki, Satoshi: *See—*
  - Matsuura, Hideharu; Tanaka, Kazunobu; Matsuda, Akihisa; Okushi, Hideyo; Oheda, Hidetoshi; Yamasaki, Satoshi; and Hata, Nobuhiro, 4,532,373, Cl. 136-258.000.
- Yamasaki, Syuichi; Yamaguchi, Hiroshi; and Taniguchi, Yousuke, to Mitsui Mining & Smelting Co., Ltd. High strength and high conductivity copper alloy. 4,559,200, 12-17-85, Cl. 420-492.000.
- Yamasaki, Tetsuya; Okuda, Eiji; and Yamamoto, Noboru, to Nippon Sheet Glass Co., Ltd. Plate lens and a method for manufacturing the same. 4,509,824, 4-9-85, Cl. 350-167.000.
- Yamasaki, Yasuaki: *See—*
  - Miyazaki, Haruo; Yamasaki, Yasuaki; and Oshiyama, Tsutomu, 4,562,164, Cl. 501-151.000.
- Yamasaki, Yasuo: *See—*
  - Onodera, Tamio; Sakai, Tokuji; Yamasaki, Yasuo; and Sumitani, Koji, 4,524,055, Cl. 423-328.000.
  - Sumitani, Koji; Sakai, Tokuji; Yamasaki, Yasuo; and Onodera, Tamio, 4,557,919, Cl. 423-329.000.
- Yamasaki, Yasuyuki: *See—*
  - Shirai, Yuji; Otsuka, Kanji; Usami, Tamotsu; and Yamasaki, Yasuyuki, 4,527,730, Cl. 228-179.000.
- Yamasawa, Akira; Itami, Teruhiko; and Kimoto, Toshifumi, to Fuji Xerox Co., Ltd. Magnetic printer. 4,547,782, 10-15-85, Cl. 346-74.400.
- Yamasawa, Akira: *See—*
  - Itami, Teruhiko; Kimoto, Toshifumi; Yamasawa, Akira; and Saitoh, Koichi, 4,544,574, Cl. 427-48.000.
- Yamase, Tsuyoshi: *See—*
  - Kadota, Shinkichi; and Yamase, Tsuyoshi, 4,491,371, Cl. 303-6.00C.
- Yamashiki, Yutaka: *See—*
  - Fukuda, Joji; and Yamashiki, Yutaka, 4,497,021, Cl. 364-200.000.
  - Ohwaki, Hirotsugu; and Yamashiki, Yutaka, 4,530,066, Cl. 364-708.000.
- Yamashiro, Ernest, to Mid-Continent Screw Products Company. Screw fastener. 4,536,117, 8-20-85, Cl. 411-411.000.
- Yamashiro, Hiroshi: *See—*
  - Sakata, Hideo; and Yamashiro, Hiroshi, 4,561,185, Cl. 33-164.00R.
- Yamashiro, Osamu: *See—*
  - Yoh, Kanji; and Yamashiro, Osamu, 4,553,098, Cl. 324-433.000.
  - Yoh, Kanji; Yamashiro, Osamu; and Meguro, Satoshi, 4,559,694, Cl. 29-571.000.
- Yamashita, Akira: *See—*
  - Shimizu, Wataru; and Yamashita, Akira, 4,556,886, Cl. 340-870.320.
- Yamashita, Fumitoshi; and Sakano, Tomiaki, to Matsushita Electric Industrial Co., Ltd. Friction material. 4,504,543, 3-12-85, Cl. 428-338.000.
- Yamashita, Haruhiro: *See—*
  - Kamachi, Hajime; Okumura, Jun; Naito, Takayuki; Oka, Masahisa; and Yamashita, Haruhiro, 4,507,487, Cl. 548-194.000.
- Yamashita, Hideo: *See—*
  - Hiroyasu, Minoru; Yamagishi, Shigeru; Yamashita, Hideo; Yamada, Susumu; and Takahashi, Koji, 4,545,706, Cl. 408-1.0BD.
  - Hiroyasu, Minoru; Yamashita, Hideo; Ohguro, Tamotsu; Yamagishi, Shigeru; and Shino, Shigenari, 4,555,205, Cl. 408-150.000.
  - Kaneko, Yasutoshi; and Yamashita, Hideo, 4,531,442, Cl. 84-195.000.
- Yamashita, Hiroshi: *See—*
  - Hasegawa, Takashi; Tsuchihashi, Koji; and Yamashita, Hiroshi, 4,492,771, Cl. 502-420.000.
- Yamashita, Hisao: *See—*
  - Kato, Akira; Kamo, Tomoichi; Uno, Shigeo; Kawagoshi, Hiroshi; Yamashita, Hisao; and Matsuda, Shinpei, 4,537,873, Cl. 502-242.000.
- Yamashita, Hisateru, to Kabushiki Kaisha Komatsu Seisakusho. Zigzag feeder for blanking machine. 4,506,574, 3-26-85, Cl. 83-217.000.
- Yamashita, Hitoshi: *See—*
  - Suzuki, Akio; Akiyama, Mitsuo; Uzuhashi, Hideo; Ochiai, Izumi; Yamashita, Hitoshi; Sekine, Youji; Matsui, Katsuo; and Tomita, Syuji, 4,509,354, Cl. 72-294.000.
- Yamashita, Ichiro: *See—*
  - Gohara, Yoshihiro; Kanno, Masashi; and Yamashita, Ichiro, 4,507,523, Cl. 178-19.000.
- Yamashita, Iwao: *See—*
  - Tomiyori, Takashi; Fukuda, Misao; Yamashita, Iwao; Simizu, Nobuo; and Kumano, Takeshi, 4,505,073, Cl. 51-165.00R.
- Yamashita, Izumi; and Toyama, Kunio, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for polymerization of 2,6-disubstituted phenol. 4,558,119, 12-10-85, Cl. 528-215.000.
- Yamashita, Katsumi: *See—*
  - Sato, Mitomu; Nakatani, Toshikazu; Yamashita, Katsumi; and Ogata, Terumi, 4,541,145, Cl. 24-19.000.
- Yamashita, Kazuichi: *See—*
  - Uchida, Yoshihisa; and Yamashita, Kazuichi, 4,553,705, Cl. 242-4.00R.
- Yamashita, Kazuo: *See—*
  - Ishii, Takahito; Yamashita, Kazuo; and Uno, Hiroshi, 4,535,837, Cl. 165-104.170.
  - Shiroyama, Shoichi; Yamashita, Kazuo; and Morishita, Katsuji, 4,506,868, Cl. 267-3.000.
- Yamashita, Keitaro; and Kashiwagi, Hiromi, to Hitachi Metals, Ltd. Apparatus for controlled delivery of magnetic toner. 4,496,240, 1-29-85, Cl. 355-14.00D.
- Yamashita, Keitaro, to Hitachi Metals, Ltd. Magnet roll and method of producing the same. 4,558,294, 12-10-85, Cl. 335-303.000.
- Yamashita, Keitaro: *See—*
  - Fukuda, Kozi; and Yamashita, Keitaro, 4,526,130, Cl. 118-657.000.
  - Samuels, Abe; Yamashita, Keitaro; and Sasaki, Yoshitaka, 4,521,184, Cl. 432-60.000.
- Yamashita, Kiyoshi; and Iijima, Toshifumi, to Konishiroku Photo Industry Co., Ltd. Light-sensitive silver halide color photographic material. 4,511,648, 4-16-85, Cl. 430-503.000.
- Yamashita, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Coffee maker. 4,555,984, 12-3-85, Cl. 99-286.000.
- Yamashita, Kiyoshi: *See—*
  - Iijima, Toshifumi; and Yamashita, Kiyoshi, 4,521,507, Cl. 430-503.000.
  - Iijima, Toshifumi; and Yamashita, Kiyoshi, 4,547,458, Cl. 430-505.000.
  - Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,507,386, Cl. 430-549.000.
  - Matsuzaka, Syoji; Kajiwara, Makoto; Miyoshi, Masanobu; and Yamashita, Kiyoshi, 4,510,234, Cl. 430-557.000.
- Yamashita, Kiyotoshi; Ishikawa, Minoru; Ohta, Hideo; and Kumashiro, Kenji, to Konishiroku Photo Industry Co., Ltd. Silver halide photographic material. 4,554,247, 11-19-85, Cl. 430-622.000.
- Yamashita, Kiyotoshi: *See—*
  - Ota, Hideo; and Yamashita, Kiyotoshi, 4,499,179, Cl. 430-523.000.
- Yamashita, Kunio: *See—*
  - Harada, Yutaka; Yamashita, Kunio; Kotera, Nobuo; and Tanaka, Hirotoshi, 4,518,868, Cl. 307-306.000.
- Yamashita, Kyouichi, to Koyo Jidoki Co., Ltd. Method for cutting and supplying labels of various shapes. 4,549,454, 10-29-85, Cl. 83-27.000.
- Yamashita, Masami: *See—*
  - Oku, Masuo; Yamashita, Masami; Miura, Yoshio; and Suzuki, Motoyuki, 4,541,084, Cl. 369-45.000.
- Yamashita, Masamichi: *See—*
  - Fenn, John B.; Yamashita, Masamichi; and Whitehouse, Craig, 4,542,293, Cl. 250-288.000.
  - Labowsky, Michael J.; Fenn, John B.; and Yamashita, Masamichi, 4,531,056, Cl. 250-288.000.
- Yamashita, Masanobu: *See—*
  - Tamba, Shinichi; Sato, Masato; Watanabe, Kozo; and Yamashita, Masanobu, 4,548,167, Cl. 123-41.560.
- Yamashita, Masayuki: *See—*
  - Tsumura, Kenji; and Yamashita, Masayuki, 4,521,276, Cl. 159-1.00W.
- Yamashita, Michio: *See—*
  - Suzuki, Shoichi; Ohta, Wataru; Sakurai, Noriaki; and Yamashita, Michio, 4,521,133, Cl. 405-195.000.
- Yamashita, Mirsuo: *See—*
  - Kurosawa, Keiji; Yamamoto, Kenji; Yamashita, Mirsuo; Mitsui, Hisami; Miyabara, Ayako; Miyagawa, Kiyotaka; and Imura, Takayoshi, 4,528,072, Cl. 204-15.000.
- Yamashita, Mitsugu: *See—*
  - Koshii, Taro; and Yamashita, Mitsugu, 4,492,775, Cl. 521-77.000.
- Yamashita, Mitsuo; Oda, Goro; and Kamiya, Masashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Polygonal mirror optical deflector. 4,523,800, 6-18-85, Cl. 350-6.700.
- Yamashita, Mitsuo; Oda, Goro; and Tomimori, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Polygonal type optical deflector. 4,552,417, 11-12-85, Cl. 308-10.000.
- Yamashita, Mitsuo: *See—*
  - Nagashima, Masayoshi; Yamane, Hiroshi; and Yamashita, Mitsuo, 4,517,591, Cl. 358-75.000.
  - Takaoka, Takashi; Mochizuki, Masahiko; Yamashita, Mitsuo; and Miura, Tadao, 4,517,668, Cl. 369-111.000.
- Yamashita, Nobuyuki: *See—*
  - Hayashi, Tetsuaki; Kabu, Masahiro; and Yamashita, Nobuyuki, 4,513,834, Cl. 180-70.100.
- Yamashita, Norio: *See—*
  - Komatsu, Fumiaki; Saegusa, Kazuyuki; Seshimo, Yu; and Yamashita, Norio, 4,510,[illegible]7, Cl. 62-200.000.
- Yamashita, Riichiro; and Satonishi, Osamu, to Mitsubishi Jukogyo Kabushiki Kaisha. Automatic toll-ticket issuing apparatus. 4,493,103, 1-8-85, Cl. 382-1.000.
- Yamashita, Sachihiro: *See—*
  - Takeo, Tadashi; Yamamoto, Toru; and Yamashita, Sachihiro, 4,515,521, Cl. 414-735.000.
- Yamashita, Sadahiko: *See—*
  - Hasegawa, Makoto; Makimoto, Mitsuo; Yamashita, Sadahiko; and Katayama, Yoshio, 4,536,724, Cl. 331-177.00V.
  - Hasegawa, Makoto; Ohnishi, Hiroshi; and Yamashita, Sadahiko, 4,553,264, Cl. 455-189.000.
  - Makimoto, Mitsuo; Aihara, Yukichi; and Yamashita, Sadahiko, 4,506,241, Cl. 333-222.000.

- Yamashita, Shigeo: *See—*
  - Chinone, Naoki; Kashiwada, Yasutoshi; Yamashita, Shigeo; and Aiki, Kunio, 4,506,366, Cl. 372-45.000.
- Yamashita, Shinichi: *See—*
  - Kawamura, Kazunori; Yamashita, Shinichi; Yokoyama, Yuichi; and Tsuchiya, Makoto, 4,540,761, Cl. 526-245.000.
- Yamashita, Takeo: *See—*
  - Kumasaka, Noriyuki; Fujiwara, Hideo; Otomo, Shigekazu; Yamashita, Takeo; Takayama, Shinji; Saito, Noritoshi; Kobayashi, Nobuo; and Kudo, Mitsuhiro, 4,559,572, Cl. 360-110.000.
- Yamashita, Takeshi: *See—*
  - Watanabe, Yuji; and Yamashita, Takeshi, 4,504,706, Cl. 200-11.00R.
- Yamashita, Toshiaki: *See—*
  - Sumita, Manabu; and Yamashita, Toshiaki, 4,496,871, Cl. 310-324.000.
- Yamashita, Toshiharu, to Hoya Corporation. Contrast enhancement filter for color CRT display devices. 4,521,524, 6-4-85, Cl. 501-64.000.
- Yamashita, Tsukasa; Matano, Masaharu; Mori, Kazuhiko; and Ota, Norihiro, to Omron Tateisi Electronics Co. Optical switch device. 4,491,384, 1-1-85, Cl. 350-96.130.
- Yamashita, Tsukasa; Mori, Kazuhiko; Matano, Masaharu; and Ota, Norihiro, to Omron Tateisi Electronics Co. Tunable semiconductor laser. 4,532,632, 7-30-85, Cl. 372-50.000.
- Yamashita, Yasuhiro: *See—*
  - Noda, Shigeo; Yamashita, Yasuhiro; and Imamura, Kosei, 4,543,636, Cl. 364-474.000.
- Yamashita, Youhachi; Takahashi, Takashi; and Harata, Mituo, to Tokyo Shibaura Denki Kabushiki Kaisha. High dielectric constant type ceramic composition. 4,544,644, 10-1-85, Cl. 501-134.000.
- Yamasue, Kotaro: *See—*
  - Nishioka, Akira; Aotani, Yoshimasa; and Yamasue, Kotaro, 4,497,888, Cl. 430-165.000.
- Yamataka, Kazunori; and Isoya, Toshiro, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for producing dimethyl esters of higher dibasic acid. 4,525,251, 6-25-85, Cl. 204-79.000.
- Yamatake-Honeywell Co., Ltd.: *See—*
  - Akano, Shinichi; Goto, Tsutomu; Watanabe, Hiroshi; Kuroda, Masato; Ishikawa, Sakae; and Matsumoto, Ryoichiro, 4,499,754, Cl. 73-861.120.
  - Mogami, Takeo; and Saeki, Michio, 4,558,430, Cl. 364-900.000.
  - Shiga, Tatsuhide; Tanaka, Mikio; Doki, Yoshikuni; Tsuruoka, Yoshihiro; and Fujiwara, Masatoshi, 4,502,333, Cl. 73-701.000.
  - Sugino, Yoshihide; Tsumura, Takashi; Nakamura, Junnosuke; and Yamaki, Kazuyoshi, 4,505,636, Cl. 414-736.000.
- Yamatake, Mineo, to National Semiconductor Corporation. Comparator circuit with built in reference. 4,560,921, 12-24-85, Cl. 323-316.000.
- Yamatani, Tetsuo; Hijiya, Toyoto; Takeda, Hideo; Shibuya, Koji; and Tanaka, Kiichiro, to Ajinomoto Co., Inc. Process for producing N-carbobenzoxy-L-aspartic anhydride. 4,508,912, 4-2-85, Cl. 549-253.000.
- Yamatani, Tetsuo: *See—*
  - Takemoto, Tadashi; Hijiya, Toyoto; and Yamatani, Tetsuo, 4,550,180, Cl. 549-253.000.
- Yamatani, Yoshiichi. Intensifier. 4,512,151, 4-23-85, Cl. 60-581.000.
- Yamato, Akihiro, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling the operation of an internal combustion engine at the start of same. 4,495,927, 1-29-85, Cl. 123-491.000.
- Yamato, Akihiro; and Hashiguchi, Makoto, to Honda Giken Kogyo Kabushiki Kaisha. Intake air quantity control method for internal combustion engines at termination of fuel cut operation. 4,508,074, 4-2-85, Cl. 123-327.000.
- Yamato, Akihiro; and Koike, Akihiko, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling a fuel metering system of an internal combustion engine. 4,508,084, 4-2-85, Cl. 123-492.000.
- Yamato, Akihiro, to Honda Motor Co., Ltd. Fuel injection control method for multi cylinder internal combustion engines of sequential injection type at acceleration. 4,508,085, 4-2-85, Cl. 123-492.000.
- Yamato, Akihiro, to Honda Giken Kogyo Kabushiki Kaisha. Fuel supply control method for multi cylinder internal combustion engines after termination of fuel cut. 4,512,321, 4-23-85, Cl. 123-493.000.
- Yamato, Akihiro; and Kishi, Noriyuki, to Honda Giken Kogyo Kabushiki Kaisha. Fuel supply control method for internal combustion engines at acceleration. 4,523,571, 6-18-85, Cl. 123-492.000.
- Yamato, Akihiro; and Otobe, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Fuel supply control method having fail-safe function for abnormalities in engine temperature detecting means at the start of the engine. 4,531,495, 7-30-85, Cl. 123-479.000.
- Yamato, Akihiro; and Otobe, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Air/fuel ratio control method having fail-safe function for abnormalities in oxygen concentration detecting means for internal combustion engines. 4,542,729, 9-24-85, Cl. 123-440.000.
- Yamato, Akihiro, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling the operating condition of an internal combustion engine. 4,548,180, 10-22-85, Cl. 123-478.000.
- Yamato, Akihiro: *See—*
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,492,206, Cl. 123-491.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,498,443, Cl. 123-478.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,502,443, Cl. 123-440.000.
  - Hasegawa, Shumpei; and Yamato, Akihiro, 4,508,083, Cl. 123-491.000.
  - Otobe, Yutaka; and Yamato, Akihiro, 4,491,115, Cl. 123-493.000.
- Yamato Chemical Industry Co. Ltd.: *See—*
  - Inoue, Setsuro; Nikaido, Koichi; and Nakagome, Makoto, 4,510,192, Cl. 428-151.000.
- Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Pharmaceutical composition containing 24,25-dihydroxycholecalciferol as an active ingredient to treat myodystrophia. 4,501,737, 2-26-85, Cl. 514-167.000.
- Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Pharmaceutical composition containing 24,25-dihydroxycholecalciferol as an active ingredient to treat pain, pyrexia or inflammatory diseases. 4,501,738, 2-26-85, Cl. 514-167.000.
- Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Pharmaceutical composition containing 24,25-dihydroxycholecalciferol in methods of treatment. 4,534,975, 8-13-85, Cl. 514-730.000.
- Yamato, Isao; and Yamada, Tominori, to Mitsui Engineering & Shipbuilding Co., Ltd. Pumping system for oil production. 4,537,564, 8-27-85, Cl. 417-313.000.
- Yamato Mishin Seizo Kabushi Kaisha: *See—*
  - Ishihara, Keiichi; and Matsumoto, Fumio, 4,503,794, Cl. 112-313.000.
- Yamato Mishin Seizo Kabushiki Kaisha: *See—*
  - Nozaki, Keizo, 4,512,270, Cl. 112-140.000.
- Yamato, Noboru; Satake, Toshimi; Minami, Toshiaki; and Fujimura, Fumio, to Jujo Paper Co., Ltd. Heat-sensitive recording sheet. 4,498,091, 2-5-85, Cl. 346-216.000.
- Yamato Scale Company, Limited: *See—*
  - Hayashi, Junichi, 4,509,610, Cl. 177-211.000.
  - Hirano, Takashi, 4,527,646, Cl. 177-25.000.
  - Hirano, Takashi, 4,559,981, Cl. 141-83.000.
  - Kinoshita, Kinjiro, 4,522,321, Cl. 222-504.000.
  - Sakakibara, Sakuichi; Tokuda, Yoshiaki; Nagai, Tamio; Mikata, Yoshitaka; and Nishide, Kazuhiro, 4,561,509, Cl. 177-25.000.
- Yamato Scientific Co., Ltd.: *See—*
  - Morikawa, Tatsumi; Osawa, Yoshio; Kawakami, Takao; and Yoshida, Naoki, 4,548,128, Cl. 98-115.300.
  - Orii, Ken; and Kawakami, Takao, 4,557,184, Cl. 98-115.300.
  - Saito, Tatsuhiko, 4,522,684, Cl. 159-11.200.
- Yamato, Shinji: *See—*
  - Nishi, Kazuro; Kurahashi, Koichiro; Hashimoto, Tsutomu; Senoo, Toshihiko; and Yamato, Shinji, 4,540,247, Cl. 350-3.710.
- Yamato, Takashi: *See—*
  - Wakatsuka, Hirohisa; Yamato, Takashi; and Hashimoto, Shinsuke, 4,562,204, Cl. 514-530.000.
- Yamato, Toshio; Ohba, Tsutomu; and Kabata, Tunetoshi, to Nippon Kayaku Kabushiki Kaisha. Baffle tray tower. 4,543,219, 9-24-85, Cl. 261-109.000.
- Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajiwara, Akiharu; and Ota, Kiichiro, to Eisai Co., Ltd. Polyprenylcarboxylic acid amides. 4,522,759, 6-11-85, Cl. 260-404.000.
- Yamatsu, Isao: *See—*
  - Katoh, Yoshinori; Tajima, Tetsuya; Yamatsu, Isao; Suzuki, Takeshi; Abe, Shinya; Kajihara, Akiharu; and Sugitani, Tohru, 4,491,592, Cl. 424-318.000.
- Yamatsu, Kiyomi: *See—*
  - Hirose, Noriyasu; Kuriyama, Shizuo; Yamatsu, Kiyomi; Kitahara, Akifumi; and Uzuo, Takeshi, 4,514,395, Cl. 514-224.000.
  - Tachibana, Shinro; Ohya, Shizuko; Arakawa, Yoshihiro; Nakazawa, Takahiro; Kaneko, Takeru; Ikeda, Masuhiro; and Yamatsu, Kiyomi, 4,551,273, Cl. 260-112.50E.
  - Yamanaka, Motosuke; Saito, Isao; Yamatsu, Kiyomi; and Fujimoto, Takako, 4,533,669, Cl. 514-396.000.
- Yamatsuta, Kohji; and Nishio, Ken-ichi, to Sumitomo Chemical Company, Limited. Fiber-reinforced metal composite material. 4,526,841, 7-2-85, Cl. 428-614.000.
- Yamatsuta, Kohji; and Nishio, Ken-ichi, to Sumitomo Chemical Company, Limited. Method for preparing fiber-reinforced metal composite material. 4,547,435, 10-15-85, Cl. 428-614.000.
- Yamatsuta, Kohji: *See—*
  - Okamoto, Hideho; Yamatsuta, Kohji; and Nishio, Ken-ichi, 4,515,866, Cl. 428-614.000.
- Yamauchi, Aizo: *See—*
  - Asami, Tadao; Suehiro, Tetsuro; Ichijo, Hisao; Yamauchi, Aizo; Ogawa, Shigeo; Suzuki, Mitsuo; and Uzumaki, Mitsutaka, 4,514,367, Cl. 423-21.500.
- Yamauchi, Hidetoshi: *See—*
  - Enomoto, Ryo; Yamauchi, Hidetoshi; and Tanikawa, Shoji, 4,499,147, Cl. 428-428.000.
- Yamauchi, Hironori: *See—*
  - Sakai, Tetsushi; Kobayasi, Yoshizi; Yamauchi, Hironori; and Arita, Yoshinobu, 4,531,282, Cl. 29-578.000.
- Yamauchi, Hiroshi, to Shimadzu Corporation. Charged particle energy analyzer. 4,546,254, 10-8-85, Cl. 250-305.000.
- Yamauchi, Juichi, to Sharp Kabushiki Kaisha. Temperature sensing probe for microwave oven application. 4,547,643, 10-15-85, Cl. 219-10.55R.
- Yamauchi, Junichi: *See—*
  - Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,499,251, Cl. 526-278.000.
  - Omura, Ikuo; and Yamauchi, Junichi, 4,515,930, Cl. 526-276.000.
  - Omura, Ikuo; and Yamauchi, Junichi, 4,525,493, Cl. 523-116.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,537,940, Cl. 526-278.000.

Omura, Ikuo; Yamauchi, Junichi; Nagase, Yoshinori; and Uemura, Fumiko, 4,539,382, Cl. 526-276.000.

Yamauchi, Koichi; Tsuji, Nobuo; Yamada, Yasuyuki; Funabashi, Shinichi; and Kiyama, Masatoshi, to Fuji Photo Film Co., Ltd. Magnetic recording medium. 4,503,120, 3-5-85, Cl. 428-336.000.

Yamauchi, Koji, to Hitachi, Ltd. Temperature control device for fixing heat source of copying machine. 4,493,984, 1-15-85, Cl. 219-501.000.

Yamauchi, Koji; Ito, Shoichi; and Tadokoro, Hiroyuki, to Hitachi, Ltd. Exposure amount control device for a copying machine. 4,527,093, 7-2-85, Cl. 315-307.000.

Yamauchi, Koji: *See—*

Matsuoka, Shigeru; Yamauchi, Koji; Tadokoro, Hiroyuki; Yonekura, Seiji; and Suzuki, Mitsuo, 4,549,092, Cl. 307-116.000.

Yamauchi, Masaaki; Yabe, Minoru; Shirai, Shoji; Komoro, Hidemasa; and Matsuda, Kenichi, to Hitachi, Ltd. Electron gun for color picture tube. 4,498,026, 2-5-85, Cl. 313-414.000.

Yamauchi, Masaaki: *See—*

Yabe, Minoru; Noda, Kenichi; Endo, Satoru; and Yamauchi, Masaaki, 4,510,413, Cl. 313-460.000.

Yamauchi, Masahide; and Fukatsu, Kunio, to Tokyo Shibaura Denki Kabushiki Kaisha. Printing apparatus. 4,516,866, 5-14-85, Cl. 400-25.000.

Yamauchi, Masakatu, to Tanica Electric Co., Ltd.; and Tomei Sangyo Kabushiki Kaisha. Electrolytic sterilizer for contact lenses. 4,512,865, 4-23-85, Cl. 204-271.000.

Yamauchi, Mineo; and Karahashi, Yoshimitu, to Mitutoyo Mfg. Co., Ltd. Micrometer. 4,553,330, 11-19-85, Cl. 33-164.00R.

Yamauchi, Mineo: *See—*

Kawasaki, Sadanobu; Yamauchi, Mineo; and Akada, Masanori, 4,555,427, Cl. 428-195.000.

Kutsukake, Masaki; Yamauchi, Mineo; and Akada, Masanori, 4,559,273, Cl. 428-484.000.

Yamauchi Rubber Industry Co., Ltd.: *See—*

Inaguma, Hideo, 4,530,866, Cl. 428-36.000.

Okumura, Kunio; Fukuyama, Yasuo; and Tanaka, Atsuo, 4,517,719, Cl. 29-124.000.

Yamauchi, Shingo: *See—*

Ogawa, Masashi; Nakamura, Taku; Urata, Yukihide; and Yamauchi, Shingo, 4,551,412, Cl. 430-265.000.

Yamauchi, Shinya: *See—*

Maruyama, Teruo; and Yamauchi, Shinya, 4,509,905, Cl. 418-75.000.

Yamauchi, Shiro, to Mitsubishi Denki Kabushiki Kaisha. Insulating gas for electric device. 4,547,316, 10-15-85, Cl. 252-571.000.

Yamauchi, Shiro: *See—*

Nakahori, Ichiro; Nakayama, Shigeki; Maeda, Mitsuo; Yamauchi, Shiro; and Ozawa, Junichiro, 4,517,849, Cl. 73-863.310.

Tabata, Norikazu; Nakayama, Shigeki; Namba, Keisuke; and Yamauchi, Shiro, 4,552,659, Cl. 210-177.000.

Yamauchi, Takahiko; Seki, Teruo; and Aoyama, Keizo, to Fujitsu Limited. Semiconductor device providing a contact structure which can be miniaturized. 4,549,199, 10-22-85, Cl. 357-68.000.

Yamauchi, Takahiko: *See—*

Aoyama, Keizo; and Yamauchi, Takahiko, 4,504,743, Cl. 307-310.000.

Seki, Teruo; Yamauchi, Takahiko; and Aoyama, Keizo, 4,507,574, Cl. 307-448.000.

Yamauchi, Takashi; Maruhashi, Shigeaki; Koike, Shinkichi; and Yamada, Keizo, to Pacific Metals & Co. Ltd.; and Nisshin Steel Co., Ltd. Process for producing low P chromium-containing steel. 4,525,209, 6-25-85, Cl. 75-51.500.

Yamauchi, Teruo: *See—*

Kuroiwa, Hiroshi; Kirisawa, Tadashi; Yamauchi, Teruo; and Oyama, Yoshishige, 4,552,116, Cl. 123-489.000.

Oyama, Yoshishige; Yamauchi, Teruo; Fujieda, Mamoru; Nishimura, Yutaka; Sasayama, Takao; Sakamoto, Shinichi; Moriya, Hisanori; Atago, Takeshi; Sato, Kanemasa; Hoshi, Yoshikazu; Ueno, Sadayasu; Otani, Tadahiko; and Kashiwaya, Mineo, 4,517,837, Cl. 73-202.000.

Oyama, Yoshishige; Fujieda, Mamoru; and Yamauchi, Teruo, 4,561,403, Cl. 123-489.000.

Yamauchi, Tetsuo: *See—*

Norota, Susumu; Segawa, Yasuhiko; Kiriyama, Tsutomu; Emi, Shingo; Imoto, Tadasi; and Yamauchi, Tetsuo, 4,526,735, Cl. 264-27.000.

Yamauchi, Toshiaki; Hibi, Tsuneo; Sasano, Kiyomi; and Hayashi, Yoshiki, to Tokyo Shibaura Denki Kabushiki Kaisha. Drying apparatus having recycle air path. 4,516,331, 5-14-85, Cl. 34-77.000.

Yamauchi, Yasuhisa; Asano, Masao; and Arai, Mitsutaka, to Konishiroku Photo Industry Co., Ltd. Magnetic recording medium. 4,550,054, 10-29-85, Cl. 428-328.000.

Yamauchi, Yoshio, to Rohm Company Limited. Device for protection of a semiconductor device. 4,547,830, 10-15-85, Cl. 361-104.000.

Yamaura, Mitsuru: *See—*

Andow, Fumio; Yamaura, Mitsuru; and Kondow, Ryotaro, 4,541,058, Cl. 364-483.000.

Yamaura, Tadao; and Nishihata, Susumu, to Nissan Motor Company, Limited. Unitary air bleed device. 4,506,562, 3-26-85, Cl. 74-606.00R.

Yamaura, Takemi: *See—*

Yajima, Seishi, deceased; Noda, Akiko, heir; Okamura, Kiyohito; Hasegawa, Yoshio; and Yamaura, Takemi, 4,515,742, Cl. 264-63.000.

Yamawaki, Hiroko, representative: *See—*

Yamawaki, Takesi, deceased; Kusuhara, Masakazu; and Saitou, Tatuya, 4,536,025, Cl. 296-37.160.

Yamawaki, Ichiro: *See—*

Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.

Yamawaki, Masami: *See—*

Kasuga, Takuzo; Asano, Takeshi; Ikenaga, Yukio; Yamawaki, Masami; Takeda, Yasuyuki; and Ichimura, Koichi, 4,547,565, Cl. 528-232.000.

Kasuga, Takuzo; Ikenaga, Yukio; Yamawaki, Masami; and Tanimura, Keizo, 4,559,380, Cl. 524-317.000.

Yamawaki, Satoshi; Sugihara, Atsushi; Kobayashi, Yasushi; Ishida, Hiroshi; Kuramasu, Yukio; and Gotoh, Ichisei, to Alcan International Limited. Method of brazing aluminum employing fluoaluminate flux. 4,556,165, 12-3-85, Cl. 228-223.000.

Yamawaki, Takashi: *See—*

Tanaka, Kenji; Sugawara, Akinobu; and Yamawaki, Takashi, 4,550,143, Cl. 525-240.000.

Yamawaki, Takeshi; and Nishiyama, Kunio, to Toyota Jidosha Kabushiki Kaisha. Rear seat of an automobile. 4,493,505, 1-15-85, Cl. 296-63.000.

Yamawaki, Takeshi; Saitou, Tatuya; and Sugimori, Sigemi, to Toyota Jidosha Kabushiki Kaisha. Vehicle body ceiling seal construction. 4,516,804, 5-14-85, Cl. 296-214.000.

Yamawaki, Takesi, deceased (by Yamawaki, Hiroko, representative); Kusuhara, Masakazu; and Saitou, Tatuya, to Toyota Jidosha Kabushiki Kaisha. Package tray trim device for vehicles. 4,536,025, 8-20-85, Cl. 296-37.160.

Yamawaki, Yoshiro: *See—*

Murata, Seiichiro; Yoshioka, Toshio; Kamei, Sakito; Hiramatsu, Yoshitada; Takeuchi, Shin; and Yamawaki, Yoshiro, 4,548,154, Cl. 114-355.000.

Yamazaki, Akio: *See—*

Hirose, Haruomi; and Yamazaki, Akio, 4,516,348, Cl. 43-17.000.

Yamazaki, Atsuo: *See—*

Uehara, Masafumi; Yamazaki, Atsuo; and Shimura, Kazuhiro, 4,536,465, Cl. 430-192.000.

Yamazaki, Etsuo: *See—*

Komiya, Hidetsugu; and Yamazaki, Etsuo, 4,534,685, Cl. 409-99.000.

Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,504,772, Cl. 318-603.000.

Nozawa, Ryoichiro; Komiya, Hidetsugu; Kishi, Hajimu; Matsuura, Hitoshi; Yamazaki, Etsuo; and Sakurai, Hiroshi, 4,503,372, Cl. 318-560.000.

Yamazaki, Haruo: *See—*

Ogata, Yoshiro; Yamazaki, Haruo; and Akutsu, Hidezoh, 4,510,415, Cl. 313-493.000.

Yamazaki, Hatsutaro: *See—*

Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, 4,503,271, Cl. 568-799.000.

Fujiwara, Hiroshi; Yamazaki, Hatsutaro; and Ozawa, Kazuo, 4,517,349, Cl. 526-313.000.

Yamazaki, Hideo: *See—*

Yoshimoto, Takeo; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,497,828, Cl. 514-603.000.

Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,551,478, Cl. 514-603.000.

Yamazaki, Hiroaki: *See—*

Tamura, Tadashi; Nakao, Etsuro; and Yamazaki, Hiroaki, 4,551,402, Cl. 429-254.000.

Yamazaki, Hiroshi; and Tamaki, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Magnetic toner. 4,520,090, 5-28-85, Cl. 430-106.600.

Yamazaki, Hiroshi: *See—*

Horike, Masanori; Furukawa, Tatsuya; Ebi, Yutaka; and Yamazaki, Hiroshi, 4,535,339, Cl. 346-75.000.

Iijima, Toshifumi; Koboshi, Shigeharu; and Yamazaki, Hiroshi, 4,491,627, Cl. 430-138.000.

Matsumoto, Shuzo; Isayama, Takuro; Yamazaki, Hiroshi; and Katano, Yasuo, 4,559,544, Cl. 346-140.00R.

Yamazaki, Hiroyoshi; Minagawa, Yoshiji; Tsuchihashi, Michihiro; Anzai, Yoshinori; and Kajiwara, Toshiro, to Mitsubishi Denki Kabushiki Kaisha. Lighting circuit for electric discharge lamp. 4,544,862, 10-1-85, Cl. 315-209.00R.

Yamazaki, Hisashi; and Ochiai, Takeji, to Fuji Photo Film Co., Ltd. Radiation image storage panel. 4,510,388, 4-9-85, Cl. 250-327.200.

Yamazaki, Hitoshi: *See—*

Murakami, Katsuo; Yamazaki, Hitoshi; Tanaka, Norihiko; and Ito, Hiroshi, 4,559,470, Cl. 313-487.000.

Yamazaki, Kaoru; and Shibuya, Fukashi, to Kanegafuchi Kagaku Kogyo Kabushiki Kaisha. Acrylonitrile polymer, process for the preparation thereof and fiber prepared therefrom. 4,513,126, 4-23-85, Cl. 526-87.000.

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Yamazaki, Katuo: *See—*

Watanabe, Koya; Yamazaki, Katuo; and Hayama, Sadaji, 4,548,532, Cl. 409-233.000.

Yamazaki, Kazuhiro; and Miwa, Takamichi, to Daicel Chemical Industries, Ltd. Concentrator system. 4,504,355, 3-12-85, Cl. 159-3.000

- Yamazaki, Kazuhiro: *See—*
  - Ohtake, Etsuo; and Yamazaki, Kazuhiro, 4,551,389, Cl. 428-402.000.
  - Urata, Shinji; Aoyagi, Shigehiko; and Yamazaki, Kazuhiro, 4,556,907, Cl. 358-210.000.
- Yamazaki, Kazunori: *See—*
  - Nara, Michiko; Yamazaki, Kazunori; and Akiyama, Yasuko, 4,536,405, Cl. 514-781.000.
- Yamazaki, Keiichirou. Fixing mechanism for stair units facilitating adjustment of height. 4,557,085, 12-10-85, Cl. 52-182.000.
- Yamazaki, Keiji, to Minolta Camera Kabushiki Kaisha. Automatic diaphragm control and mirror release devices for cameras. 4,512,647, 4-23-85, Cl. 354-441.000.
- Yamazaki, Kengo: *See—*
  - Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, 4,495,249, Cl. 428-516.000.
  - Ohya, Masaki; Nishimoto, Yoshiharu; and Yamazaki, Kengo, 4,547,433, Cl. 428-516.000.
- Yamazaki, Kenji; and Maeda, Kazuo, to Uniden Corporation of Japan. Automatic communication standby device in cordless telephone. 4,511,761, 4-16-85, Cl. 179-2.0EA.
- Yamazaki, Kisuke: *See—*
  - Hara, Masanori; Sugawara, Sakuo; Yamazaki, Kisuke; and Kasagi, Hiroshi, 4,557,247, Cl. 126-99.00R.
  - Matsuoka, Fumio; Iijima, Hitoshi; Yamazaki, Kisuke; Kasagi, Hiroshi; Nakashima, Yasuo; Sakuma, Kiyoshi; and Umehara, Mitsuo, 4,499,739, Cl. 62-212.000.
- Yamazaki, Kyuya; and Igarashi, Sachio, to Takeda Chemical Industries, Ltd. Polyurethane adhesive compositions containing oxyacid of phosphorus and silane coupling agent. 4,507,447, 3-26-85, Cl. 525-528.000.
- Yamazaki, Kyuya: *See—*
  - Igarashi, Sachio; and Yamazaki, Kyuya, 4,503,189, Cl. 525-104.000.
- Yamazaki Machinery Works, Ltd.: *See—*
  - Fukumura, Naoe; Hasegawa, Shunji; and Tanaka, Masanobu, 4,549,270, Cl. 364-474.000.
  - Hashimoto, Hideo; Tomori, Katsuhiko; and Sano, Yuji, 4,547,854, Cl. 364-474.000.
  - Iguchi, Hideaki; Sakai, Takayoshi; and Ohashi, Hajime, 4,561,050, Cl. 364-167.000.
  - Kanematsu, Hiroyuki; Nagae, Akimitsu; Mizoguchi, Kiyohisa; and Ohashi, Hajime, 4,521,860, Cl. 364-474.000.
  - Kanematsu, Hiroyuki; Nagae, Akimitsu; and Sano, Shinji, 4,558,419, Cl. 364-474.000.
  - Sakai, Takayoshi; Sano, Shinji; and Matsumoto, Koji, 4,528,633, Cl. 364-474.000.
  - Sakai, Takayoshi; Mizoguchi, Kiyohisa; and Hayakawa, Masazumi, 4,539,634, Cl. 364-167.000.
- Yamazaki, Makoto: *See—*
  - Uchida, Isamu, deceased; Fujii, Chigusa, heiress; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,510,380, Cl. 235-379.000.
  - Uchida, Isamu, deceased; Kokubo, Eiichi; Osako, Kyoichi; Yamazaki, Makoto; Imura, Shinichi; Arikawa, Junichi; Goi, Kowichi; Hongou, Hiroshi; Shinozaki, Takashi; and Emori, Hiroshi, 4,516.015, Cl. 235-379.000.
- Yamazaki, Masami; and Shibata, Sueo, to Toyota Jidosha Kogyo Kabushiki Kaisha. Method for assembling an impeller onto a turboshaft. 4,519,747, 5-28-85, Cl. 416-244.00A.
- Yamazaki, Masami: *See—*
  - Owaki, Isao; Saito, Susumu; and Yamazaki, Masami, 4,533,964, Cl. 360-22.000.
- Yamazaki, Masamichi, to Shoketsu Kinzoku Kogyo Kabushiki Kaisha. Three-unit assembly for pneumatic circuit. 4,533,020, 8-6-85, Cl. 184-55.200.
- Yamazaki, Masaru: *See—*
  - Miyashita, Kiyoshi; Kasuga, Muneo; Shimizu, Akira; Ozeki, Fumitaka; Tsuda, Hiroshi; Kimura, Katsuhiko; Hattori, Nobuoto; Amemiya, Norio; and Yamazaki, Masaru, 4,494,748, Cl. 271-288.000.
- Yamazaki, Masaya: *See—*
  - Sano, Tetsuo; Orita, Susumu; Yamazaki, Masaya; and Moriyama, Kazuhiro, 4,519,214, Cl. 62-156.000.
- Yamazaki, Masayasu: *See—*
  - Hatano, Hirofumi; Yamazaki, Masayasu; Sasaki, Atsushi; Mikami, Keigo; Taoda, Kiyomichi; and Murakami, Mitsuharu, 4,548,580, Cl. 432-106.000.
- Yamazaki, Michio: *See—*
  - Karasawa, Tadayoshi; Kawano, Katsumi; Uchiyama, Katsuji; and Yamazaki, Michio, 4,543,197, Cl. 252-62.560.
- Yamazaki, Mitsuo: *See—*
  - Matsueda, Rei; Yabe, Yuichiro; Yamazaki, Mitsuo; Kokubu, Tatsuo; and Hiwada, Kunio, 4,548,926, Cl. 514-19.000.
- Yamazaki, Noriyuki: *See—*
  - Okita, Shin; Shimizu, Hideo; Yamazaki, Noriyuki; Sekiguchi, Fumio; Chimura, Toshihiko; and Shinagawa, Osamu, 4,527,208, Cl. 360-85.000.
- Yamazaki, Ryutarou, to Honda Giken Kogyo Kabushiki Kaisha. Apparatus for controlling evaporated fuel in an internal combustion engine having a supercharger. 4,530,210, 7-23-85, Cl. 60-605.000.
- Yamazaki, Seiichi: *See—*
  - Kogane, Mikio; and Yamazaki, Seiichi, 4,540,324, Cl. 414-20.000.
- Yamazaki, Shigeru: *See—*
  - Arai, Takao; Yamazaki, Shigeru; Kanazawa, Yasunori; and Noguchi, Takaharu, 4,539,615, Cl. 360-121.000.
- Yamazaki, Shingo: *See—*
  - Igarashi, Taizo; Higuchi, Hisao; and Yamazaki, Shingo, 4,552,568, Cl. 44-51.000.
  - Ishizaki, Takaharu; Nagai, Takeshi; and Yamazaki, Shingo, 4,491,455, Cl. 44-62.000.
  - Ishizaki, Takaharu; Kimura, Tsuneo; and Yamazaki, Shingo, 4,509,954, Cl. 44-62.000.
- Yamazaki, Shinichi: *See—*
  - Miki, Shinji; Nishio, Toyokazu; Matsuyama, Shinzo; and Yamazaki, Shinichi, 4,523,874, Cl. 405-43.000.
- Yamazaki, Shinji: *See—*
  - Shinozaki, Nozomu; Dohi, Takashi; Yamazaki, Shinji; and Neki, Shigeo, 4,499,449, Cl. 338-32.00R.
- Yamazaki, Shiro: *See—*
  - Aoki, Katsumichi; Shida, Takafumi; Arabori, Hideo; Kumazawa, Satoru; Shimizu, Susumu; Watanabe, Takeo; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; and Chida, Tsuneaki, 4,549,902, Cl. 71-90.000.
  - Aoki, Katsumichi; Shida, Takafumi; Kumazawa, Satoru; Shimizu, Susumu; Kanda, Yohichi; Satake, Keigo; Yamazaki, Shiro; Shinkawa, Hiroyasu; Chida, Tsuneaki; Arabori, Hideo; and Watanabe, Takeo, 4,551,168, Cl. 71-90.000.
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- Yamazaki, Shogo, to Yoshida Industry Co., Ltd. Video transfer device. 4,516,171, 5-7-85, Cl. 358-214.000.
- Yamazaki, Shohei, to Nippon Gakki Seizo Kabushiki Kaisha. Automatic focusing device in an optical type data reproducing apparatus. 4,561,080, 12-24-85, Cl. 369-45.000.
- Yamazaki, Shunpei. Method of making non-crystalline semiconductor layer. 4,492,716, 1-8-85, Cl. 427-38.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Semiconductor photoelectric conversion device. 4,498,092, 2-5-85, Cl. 357-2.000.
- Yamazaki, Shunpei. Method of manufacturing a multiple-layer, non-single-crystalline semiconductor on a substrate. 4,505,950, 3-19-85, Cl. 427-38.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Photoelectric conversion device. 4,518,815, 5-21-85, Cl. 136-244.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Light energy conversion system. 4,525,435, 6-25-85, Cl. 429-111.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Light energy conversion system. 4,525,436, 6-25-85, Cl. 429-111.000.
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- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Photoelectric conversion device. 4,527,006, 7-2-85, Cl. 136-244.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Non-single-crystal light emitting semiconductor device. 4,527,179, 7-2-85, Cl. 357-17.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Photoelectric conversion device and its manufacturing method. 4,528,065, 7-9-85, Cl. 156-643.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Light energy conversion system. 4,528,252, 7-9-85, Cl. 429-111.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Photoelectric conversion device. 4,529,829, 7-16-85, Cl. 136-246.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Method of making semiconductor device using a conductive layer as mask. 4,541,166, 9-17-85, Cl. 29-571.000.
- Yamazaki, Shunpei. Method of making a non-single-crystalline semiconductor layer on a substrate. 4,543,267, 9-24-85, Cl. 427-39.000.
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- Yamazaki, Shunpei. Printing member for electrostatic photocopying. 4,555,462, 11-26-85, Cl. 430-57.000.
- Yamazaki, Shunpei, to Semiconductor Energy Laboratory Co., Ltd. Pin Semiconductor photoelectric conversion device with two oxide layers. 4,559,552, 12-17-85, Cl. 357-58.000.
- Yamazaki, Susumu: *See—*
  - Ochiai, Hideo; Nagoya, Yoshinari; Fujimoto, Ryoichi; Yamazaki, Susumu; Sasamoto, Nobuhiko; and Ishida, Shinichi, 4,522,040, Cl. 62-419.000.
- Yamazaki, Takashi: *See—*
  - Okano, Haruo; Yamazaki, Takashi; Horiike, Yasuhiro; and Horie, Hiromichi, 4,526,643, Cl. 156-345.000.
- Yamazaki, Taro; Okamoto, Masashi; Iizuka, Tokio; Tsukada, Norishige; and Okamori, Kenji, to Kabushiki Kaisha Sakata Shokai. Method and apparatus for generating screened halftone images. 4,556,918, 12-3-85, Cl. 358-283.000.
- Yamazaki, Taro: *See—*
  - Sakamoto, Ryuji; and Yamazaki, Taro, 4,552,688, Cl. 252-511.000.
- Yamazaki, Tomio: *See—*
  - Fujimura, Hajime; Hiramatsu, Yasuzo; Yamazaki, Tomio; Yamada, Shozo; and Honna, Takaji, 4,518,712, Cl. 514-255.000.
  - Micetich, Ronald G.; Yamabe, Shigeru; Yamazaki, Tomio; Ishida, Naobumi; and Ishizawa, Takeshi, 4,529,592, Cl. 424-114.000.
  - Micetich, Ronald G.; Yamabe, Shigeru; Tanaka, Motoaki; Kajitani, Makoto; Yamazaki, Tomio; and Ishida, Naobumi, 4,562,073, Cl. 424-114.000.
- Yamazaki, Toshinori; Nomori, Hiroyuki; Matsuzaki, Masatoshi; Shima, Tetsuo; and Myokan, Isao, to Konishiroku Photo Industry Co., Ltd.

Electrophotographic photoreceptors having amorphous silicon photoconductors. 4,510,224, 4-9-85, Cl. 430-57.000.

Yamazaki, Toshinori: *See—*
- Matsuzaki, Masatoshi; Yamazaki, Toshinori; Myokan, Isao; Shima, Tetsuo; and Nomori, Hiroyuki, 4,495,262, Cl. 430-58.000.
- Matsuzaki, Masatoshi; Yamazaki, Toshinori; and Nomori, Hiroyuki, 4,518,670, Cl. 430-58.000.

Yamazaki, Toshio: *See—*
- Lipson, Melvin A.; Derrico, Gene A.; Tark, Sung Y.; and Yamazaki, Toshio, 4,539,286, Cl. 430-277.000.

Yamazaki, Tsuneo; Faltas, Mervat; and Webb, Paul P., to RCA Inc. Silicon photodiode with n-type control layer. 4,499,483, 2-12-85, Cl. 357-30.000.

Yamazaki, Yasuhiro; and Endo, Toshiaki, to Kokusai Denshin Denwa Kabushiki Kaisha. Coding method for multilevel-gradated picture signal. 4,511,213, 4-16-85, Cl. 358-261.000.

Yamazaki, Yasuo; Suzuki, Takehiko; Shimizu, Isoo; and Matsumura, Yasuo, to Nippon Petrochemicals Company, Limited. Process for converting aromatic compounds. 4,554,360, 11-19-85, Cl. 549-261.000.

Yamazaki, Yasuyoshi: *See—*
- Okado, Hideo; Hashimoto, Kazuo; Kawamura, Kichinari; Yamazaki, Yasuyoshi; and Takaya, Haruo, 4,544,793, Cl. 585-640.000.

Yamazaki, Yoshihiko, to Nissei Plastic Industrial Co., Ltd. Injection molding machine. 4,540,359, 9-10-85, Cl. 425-135.000.

Yamazaki, Yoshihiko: *See—*
- Furusawa, Kahei; Nunokawa, Makoto; Ejiri, Yoshihiro; Yamamoto, Hitoshi; Yamazaki, Yoshihiko; and Tatekura, Koichi, 4,505,540, Cl. 350-96.200.

Yamazaki, Yoshinori; and Ogawa, Tsutomu, to Kabushiki Kaisha Miyano Tekkosho. Indexing system of machine tools and the like. 4,550,631, 11-5-85, Cl. 74-822.000.

Yamazaki, Yoshio; and Itoh, Takashi, to Konishiroku Photo Industry Co., Ltd. Cleaning device. 4,552,451, 11-12-85, Cl. 355-15.000.

Yamazaki, Yoshio: *See—*
- Kawamoto, Kiyoaki; Shukuri, Kastuhiro; Hashimoto, Takayoshi; Yamazaki, Yoshio; and Inowa, Shigeru, 4,530,596, Cl. 355-15.000.
- Miyashiro, Yutaka; Ogawa, Masao; Yamazaki, Yoshio; and Igarasi, Seizi, 4,493,894, Cl. 435-178.000.

Yamazaki, Yukinobu: *See—*
- Takaishi, Kazuhide; Kadonaga, Toshiki; Tamura, Masamitsu; Nakamura, Shigeharu; Mizoguchi, Mitsuru; Hirota, Yoshinobu; and Yamazaki, Yukinobu, 4,534,199, Cl. 72-276.000.

Yamazato, Fujio; Tokuda, Kuniaki; and Oda, Toshihiko, to Wako Pure Chemical Industries, Ltd. Reagent mixture for measuring magnesium. 4,503,156, 3-5-85, Cl. 436-79.000.

Yamazawa, Akira: *See—*
- Ishikawa, Takehiro; Yamazawa, Akira; and Kusumoto, Yasuo, 4,551,031, Cl. 374-117.000.

Yamazoe, Hisamitsu; Matsuura, Hideki; Ito, Katsunori; and Ohba, Masahiro, to Nippondenso Co., Ltd. Air flow measuring apparatus. 4,526,042, 7-2-85, Cl. 75-861.750.

Yamazoe, Hisamitsu: *See—*
- Murakami, Kazuhiro; Yamazoe, Hisamitsu; and Mizuno, Toshiaki, 4,506,639, Cl. 123-339.000.

Yambe, Teluo: *See—*
- Kubota, Hitoshi; Hamamatsu, Seiji; Yambe, Teluo; and Takahashi, Toshiyuki, 4,500,761, Cl. 200-84.00C.

Yamori, Akio: *See—*
- Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, 4,530,966, Cl. 525-89.000.
- Shiraki, Toshinori; Yamori, Akio; and Morita, Hideo, 4,530,967, Cl. 525-89.000.

Yamoto, Hisayoshi: *See—*
- Osawa, Shigeru; and Yamoto, Hisayoshi, 4,554,961, Cl. 152-410.000.

Yampolsky, Jack S.; and Peszeszer, Endre F., to GA Technologies Inc. Method and apparatus for forming spiral tubing. 4,501,948, 2-26-85, Cl. 219-121.0LC.

Yamura, Hitoo; Ikeda, Kakuro; and Sakai, Yuhichi, to Toshiba Ceramics Co., Ltd. Under-heater type furnace. 4,556,202, 12-3-85, Cl. 266-242.000.

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Yan, Tsoung Y.: *See—*
- Shu, Paul; and Yan, Tsoung Y., 4,504,377, Cl. 208-75.000.

Yan, Tsoung-Yuan; and Lozano, Raymond L., to Mobil Oil Corporation. Leach apparatus including means to protect ion exchange resin. 4,495,152, 1-22-85, Cl. 422-159.000.

Yan, Tsoung-Yuan, to Mobil Oil Corporation. Pumpable solid fuels for small furnace. 4,529,408, 7-16-85, Cl. 44-51.000.

Yan, Tsoung-Yuan, to Mobil Oil Corporation. Recovery of metal values from petroleum residua and other fractions. 4,544,479, 10-1-85, Cl. 208-106.000.

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- Fowles, Patrick E.; and Yan, Tsoung-Yuan, 4,524,227, Cl. 585-408.000.
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Yana, Masasumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal ink transfer printing apparatus. 4,517,573, 5-14-85, Cl. 346-76.0PH.

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Yana, Masasumi; Na[illegible] Hitoshi; Yamada, Kiyoshi; Ueno, Shyoji; and Shibuya, Kunih[illegible], to Tokyo Shibaura Denki Kabushiki Kaisha. Thermal transfer color printer for printing on sheets of paper. 4,552,470, 11-12-[illegible] Cl. 4[illegible]0-120.000.

Yanada, Sadao; Ho[illegible] [illegible]ganobu; Miyagaki, Hisanori; and Nigawara, Seiitsu, to Hitachi, Ltd. Method of controlling operation of thermoelectric power station. 4,558,227, 12-10-85, Cl. 290-40.00R.

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Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, to Hitachi, Ltd. Heat-storing apparatus. 4,561,493, 12-31-85, Cl. 165-10.000.

Yanadori, Michio: *See—*
- Kamohara, Hideaki; Yanadori, Michio; Miyamoto, Seigo; and Koike, Keiichi, 4,518,514, Cl. 252-70.000.

Yanagawa, Hirofumi, to Pioneer Electronic Corporation. Stereo sound system. 4,509,184, 4-2-85, Cl. 381-24.000.

Yanagawa, Hitoshi: *See—*
- Tanaka, Kano; Ando, Yoshio; and Yanagawa, Hitoshi, 4,514,641, Cl. 250-570.000.

Yanagawa, Makoto. Photopolymerizable composition. 4,501,689, 2-26-85, Cl. 252-600.000.

Yanagi, Kenichi; Taguchi, Toshio; Wada, Tetsuyoshi; Furukawa, Heisaburo; and Wake, Kanji, to Mitsubishi Jukogyo Kabushiki Kaisha; and Nisshin Steel Co., Ltd. Vacuum vapor deposition system. 4,552,092, 11-12-85, Cl. 118-718.000.

Yanagi, Kunio: *See—*
- Sakaguchi, Shozo; and Yanagi, Kunio, 4,558,798, Cl. 220-256.000.

Yanagi, Masahiro, to Matsushita Electric Industrial Co., Ltd. Disk for measuring off-track quantity of magnetic head, and measuring apparatus using the disk. 4,542,428, 9-17-85, Cl. 360-75.000.

Yanagi, Masahiro: *See—*
- Nakagawa, Koichiro; Suyama, Satoshi; Yanagi, Masahiro; and Nakajima, Yasutaka, 4,525,758, Cl. 360-133.000.

Yanagi, Mikio: *See—*
- Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Saito, Mikio; and Futatsuya, Fumio, 4,531,964, Cl. 71-92.000.
- Shimano, Shizuo; Kobayashi, Shinichi; Yanagi, Mikio; Yamada, Osamu; Shida, Atsuhiko; and Futatsuya, Fumio, 4,561,880, Cl. 71-92.000.

Yanagi, Mitsuo: *See—*
- Kurihara, Yasutoshi; Suzuki, Yoshihiro; Ooue, Michio; Hachino, Hiroaki; and Yanagi, Mitsuo, 4,556,899, Cl. 357-80.000.
- Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.

Yanagi, Toshiaki; and Bessho, Yoshinori, to Brother Kogyo Kabushiki Kaisha. Programming device for an automatic sewing machine. 4,498,403, 2-12-85, Cl. 112-121.120.

Yanagi, Toshiaki, to Brother Kogyo Kabushiki Kaisha. Testing device for an automatic sewing machine. 4,506,612, 3-26-85, Cl. 112-121.120.

Yanagida, Seiichi; and Kobayashi, Naoki, to Tokyo Shibaura Denki Kabushiki Kaisha; and Fuji Photo Film Co., Ltd. Camera with integral magnetic recorder. 4,530,015, 7-16-85, Cl. 360-33.100.

Yanagida, Shoji, to Ricoh Company, Ltd. Servomotor drive system. 4,525,658, 6-25-85, Cl. 318-317.000.

Yanagida, Shoji, to Ricoh Company, Ltd. Electromagnet driving circuit. 4,556,926, 12-3-85, Cl. 361-154.000.

Yanagida, Tomomi; Ajiki, Mitunori; and Suzuki, Shigeru, to Sumitomo Bakelite Company Limited. Metal-clad laminate and process for producing the same. 4,499,145, 2-12-85, Cl. 428-418.000.

Yanagida, Tuneo, to Olympus Optical Co., Ltd. Method of processing information signal with respect to opto-magnetic record medium. 4,495,530, 1-22-85, Cl. 360-59.000.

Yanagida, Tuneo, to Olympus Optical Co., Ltd. Recording medium and recording-reproduction system provided with the recording medium. 4,518,657, 5-21-85, Cl. 428-450.000.

Yanagihara, Hideo, to NSK-Warner K.K. Webbing take-up amount limiting device of a retractor. 4,534,520, 8-13-85, Cl. 242-107.000.

Yanagihara, Kazunori: *See—*
- Fujimoto, Terunori; Shimizu, Nobuyoshi; Shimizu, Mutsuhiro; Yanagihara, Kazunori; Miyachi, Akio; and Inui, Tsuneo, 4,511,631, Cl. 428-632.000.

Yanagihara, Masaki; and Iimura, Takashi, to Trio Kabushiki Kaisha. Variable frequency passband circuit. 4,516,078, 5-7-85, Cl. 328-167.000.

Yanagihara, Tetsuo: *See—*
- Murakami, Ryoichi; Uyeda, Yoshiyuki; Nishijima, Kanji; and Yanagihara, Tetsuo, 4,533,683, Cl. 523-414.000.

- Yanagihara, Yasuo: *See—*
  - Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.
- Yanagihara, Yuzo, to Asahi Kasei Kogyo Kabushiki Kaisha. Ion exchanger having hydroxyl groups bonded directly to backbone skeleton. 4,543,363, 9-24-85, Cl. 521-38.000.
- Yanagihashi, Kikuji: *See—*
  - Sakamaki, Hiroshi; Horikoshi, Yukio; and Yanagihashi, Kikuji, 4,514,156, Cl. 418-173.000.
- Yanagimoto, Takekazu: *See—*
  - Arai, Noboru; Yokota, Masaji; and Yanagimoto, Takekazu, 4,531,829, Cl. 355-43.000.
- Yanagisawa, Akira; Yazawa, Hisashi; and Kato, Toshio, to Konishiroku Photo Industry Co., Ltd. Apparatus for and method of processing and packaging photographic film. 4,561,235, 12-31-85, Cl. 53-411.000.
- Yanagisawa, Akira: *See—*
  - Nakagawa, Takeo; Noguchi, Hiroyuki; Yanagisawa, Akira; Fuma, Toyoji; Tsuchida, Masanobu; Inagaki, Takehiro; and Hayashi, Yoshikazu, 4,531,705, Cl. 249-134.000.
- Yanagisawa, Hiroshi: *See—*
  - Miyazaki, Haruhiko; Shiomi, Yasushi; Fujitus, Satoru; Masunaga, Katsuro; and Yanagisawa, Hiroshi, 4,507,494, Cl. 560-193.000.
- Yanagisawa, Isao: *See—*
  - Hirata, Yasufumi; and Yanagisawa, Isao, 4,562,261, Cl. 548-184.000.
- Yanagisawa, Midori: *See—*
  - Sato, Keiichi; Takeuchi, Yoko; and Yanagisawa, Midori, 4,527,230, Cl. 364-130.000.
- Yanagisawa, Saburo; and Yonemori, Yoshinori. Constant speed running device for automobile. 4,495,912, 1-29-85, Cl. 123-350.000.
- Yanagisawa, Syozo: *See—*
  - Usui, Toshifumi; and Yanagisawa, Syozo, 4,506,506, Cl. 60-303.000.
  - Usui, Toshifumi; and Yanagisawa, Syozo, 4,549,399, Cl. 60-286.000.
- Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, to Toyota Jidosha Kabushiki Kaisha; and Taiho Seiki Kabushiki Kaisha. Work-conveying apparatus. 4,501,352, 2-26-85, Cl. 198-775.000.
- Yanagisawa, Taminori; Yamaguchi, Takaharu; and Fukatsu, Hiroshi, to Toyota Jidosha Kabushiki Kaisha; and Taihoo Seiki Co., Ltd. Workpiece transferring apparatus. 4,523,670, 6-18-85, Cl. 198-403.000.
- Yanagisawa, Yasuhisa; and Tsukiji, Yasuhiko, to Honda Giken Kogyo Kabushiki Kaisha. Parking system for an articulated tricycle. 4,560,026, 12-24-85, Cl. 180-287.000.
- Yanagishima, Fumiya: *See—*
  - Sato, Kuniaki; Muto, Shinichiro; Yanagishima, Fumiya; and Shimoyama, Yuji, 4,531,904, Cl. 431-10.000.
  - Sunami, Hideo; Kuguminato, Hideo; Izumiyama, Yoshio; Yanagishima, Fumiya; Obara, Takashi; and Mochizuki, Kazuo, 4,561,909, Cl. 148-12.00D.
- Yanagishima, Takayuki; and Seko, Yasutoshi, to Nissan Motor Company, Limited. Method and apparatus for measuring vehicle driver's fatigue to give an alarm. 4,502,122, 2-26-85, Cl. 364-424.000.
- Yanagishima, Takayuki; and Kasai, Junichi, to Nissan Motor Company, Limited. Speaker for automotive vehicle audio system having a vehicle panel serving as sound-amplifying medium. 4,514,599, 4-30-85, Cl. 179-181.00W.
- Yanagishima, Takayuki; Kasai, Junichi; Ajimine, Akio; Watanabe, Tatsuya; Shino, Akimitsu; and Murakami, Yoshiaki, to Nissan Motor Company, Limited; and Clarion Co., Ltd. Driver unit for automotive audio speaker. 4,550,428, 10-29-85, Cl. 381-86.000.
- Yanagishima, Takayuki; and Seko, Yasutoshi, to Nissan Motor Company, Limited. Display device for a vehicle. 4,555,694, 11-26-85, Cl. 340-524.000.
- Yanagishima, Takayuki: *See—*
  - Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,499,340, Cl. 179-115.5DV.
  - Kasai, Junichi; Yanagishima, Takayuki; Ajimine, Akio; Murakami, Yoshiaki; Shino, Akimitsu; and Watanabe, Tatsuya, 4,551,849, Cl. 381-86.000.
  - Seko, Yasutoshi; Yanagishima, Takayuki; and Inoue, Masami, 4,496,938, Cl. 340-576.000.
  - Seko, Yasutoshi; Inoue, Masami; and Yanagishima, Takayuki, 4,509,040, Cl. 340-576.000.
  - Seko, Yasutoshi; and Yanagishima, Takayuki, 4,518,954, Cl. 340-576.000.
- Yanagishita, Hitoshi: *See—*
  - Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,493,943, Cl. 174-25.00C.
  - Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,506,107, Cl. 174-25.00C.
  - Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,543,207, Cl. 252-570.000.
  - Sato, Atsushi; Endo, Keiji; Kawakami, Shigenobu; Yanagishita, Hitoshi; and Hayashi, Shozo, 4,549,034, Cl. 17-17.0LF.
- Yanagita, Hirohisa: *See—*
  - Yoshimoto, Takeo; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,497,828, Cl. 514-603.000.
  - Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, 4,551,478, Cl. 514-603.000.
- Yanagita, Tomoatsu, to Hitachi, Ltd. Decimal arithmetic unit. 4,536,854, 8-20-85, Cl. 364-749.000.
- Yanagiuchi, Shigenobu: *See—*
  - Hashimoto, Shintaro; Morimoto, Masafumi; Nakanishi, Tosaku; Yoshida, Hideo; and Yanagiuchi, Shigenobu, 4,493,050, Cl. 364-900.000.
  - Kanou, Ikuo; Yanagiuchi, Shigenobu; and Omori, Takuro, 4,541,069, Cl. 364-900.000.
- Yanahashi, Shinichi: *See—*
  - Matsuura, Kazuo; Yamaoka, Noboru; Yanahashi, Shinichi; Usui, Katumi; and Miyoshi, Mituji, 4,495,334, Cl. 525-240.000.
- Yanai, Akio; and Shirahata, Ryuji, to Fuji Photo Film Co., Ltd. System of manufacturing magnetic recording media. 4,511,594, 4-16-85, Cl. 427-38.000.
- Yanai, Akio: *See—*
  - Yamamoto, Nobuyuki; Yabe, Masao; Nishikawa, Yasuo; Yanai, Akio; Shirahata, Ryuji; and Naruo, Kyoichi, 4,557,948, Cl. 427-131.000.
- Yanai, Hiroshi: *See—*
  - Ohhashi, Mosaburo; and Yanai, Hiroshi, 4,556,815, Cl. 310-338.000.
- Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; Fukino, Masato; and Aoyama, Yutaka, to Nissan Motor Company, Limited. Vehicular power steering having steering effort control system. 4,541,499, 9-17-85, Cl. 180-142.000.
- Yanai, Tokiyoshi: *See—*
  - Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,513,835, Cl. 180-142.000.
  - Fukino, Masato; Yanai, Tokiyoshi; Yamaguchi, Hirotsugu; and Aoyama, Yutaka, 4,530,414, Cl. 180-142.000.
  - Morikawa, Kunihiko; Higuchi, Megumu; and Yanai, Tokiyoshi, 4,516,422, Cl. 72-377.000.
- Yanai, Toshiharu: *See—*
  - Kandachi, Takayoshi; Okino, Seiki; Yanai, Toshiharu; and Tanaka, Katsuto, 4,521,454, Cl. 427-168.000.
- Yanaihara, Noboru; Sugiura, Nobuo; and Hiyama, Takashi, to Amano Pharmaceutical Co., Ltd.; and Otsuka Pharmaceutical Co., Ltd. Peptides, process for preparing the same and psychodepressant compositions containing the same. 4,517,180, 5-14-85, Cl. 514-16.000.
- Yanaihara, Noboru; Sugiura, Nobuo; and Kashimoto, Kazuhisa, to Amano Pharmaceutical Co., Ltd. Peptide. 4,530,836, 7-23-85, Cl. 514-16.000.
- Yanaihara, Noboru: *See—*
  - Numa, Shosaku; and Yanaihara, Noboru, 4,518,527, Cl. 260-112.50R.
- Yanaki, Toshio: *See—*
  - Kojima, Takemasa; Tabata, Kengo; Yanaki, Toshio; and Mitani, Mitsuaki, 4,505,757, Cl. 127-36.000.
- Yanase, Shinji: *See—*
  - Kawai, Kyosuke; Nakagawa, Mitsuru; Yanase, Shinji; and Kawai, Kiyoshi, 4,525,190, Cl. 65-14.000.
- Yanase, Takaomi: *See—*
  - Hikosaka, Shinichi; Murayama, Kosho; Fukuura, Shinichi; and Yanase, Takaomi, 4,519,906, Cl. 210-223.000.
- Yanase, Takeyasu: *See—*
  - Satoh, Yoshio; Yanase, Takeyasu; and Komenou, Kazunari, 4,561,069, Cl. 365-36.000.
- Yanazawa, Hiroshi: *See—*
  - Matsuzawa, Toshiharu; Douta, Kikuo; Iwayanagi, Takao; and Yanazawa, Hiroshi, 4,536,421, Cl. 427-282.000.
- Yancey, Herbert W.: *See—*
  - Shaheen, Joseph M.; and Yancey, Herbert W., 4,496,215, Cl. 350-96.230.
- Yanes, Ralph S. Portable coolable beverage dispenser. 4,491,244, 1-1-85, Cl. 222-88.000.
- Yanev, Kostadin D.: *See—*
  - Antonov, Lyubomir Y.; Trenev, Alexander M.; Angelov, Angel M.; and Yanev, Kostadin D., 4,503,498, Cl. 364-200.000.
- Yang, Che-Ming: *See—*
  - Chen, Li F.; and Yang, Che-Ming, 4,525,218, Cl. 127-37.000.
- Yang, David S.: *See—*
  - Gower, Irving W.; Cherry, Carl J.; and Yang, David S., 4,523,949, Cl. 75-24.000.
- Yang, Der C. High speed automatic brick making machine. 4,515,549, 5-7-85, Cl. 425-350.000.
- Yang, Elmer C., to Pacific Scientific Company. Energy absorber. 4,526,047, 7-2-85, Cl. 74-25.000.
- Yang, Elmer C., to Pacific Scientific Company. Constant drag device. 4,545,322, 10-8-85, Cl. 188-67.000.
- Yang, Frank C.: *See—*
  - Heard, Charles M.; and Yang, Frank C., 4,520,493, Cl. 375-97.000.
- Yang, James H. C.; and Tomaszewski, Walter, to Firestone Tire & Rubber Company, The. Channel connector. 4,516,874, 5-14-85, Cl. 403-313.000.
- Yang, James H. C.; Tomaszewski, Walter; and Beneze, Heinz W., to Firestone Tire & Rubber Company, The. Attachment device for securing flexible sheets. 4,534,145, 8-13-85, Cl. 52-222.000.
- Yang, James H. C.: *See—*
  - Dubich, Charles S.; and Yang, James H. C., 4,548,016, Cl. 52-749.000.
  - Tomaszewski, Walter; and Yang, James H. C., 4,531,339, Cl. 52-716.000.
- Yang, Jerry S. C. Kerosene heating stove with temperature and carbonic oxide sensors. 4,493,634, 1-15-85, Cl. 431-33.000.
- Yang, John P., to Lockheed Electronics Co., Inc. Self-clocking binary receiver. 4,497,060, 1-29-85, Cl. 375-22.000.
- Yang, John P.: *See—*
  - Barletta, Joseph M.; and Yang, John P., 4,525,713, Cl. 340-825.540.

- Yang, Kang, to Vista Chemical Company. Catalysts for alkoxylation reactions. 4,540,828, 9-10-85, Cl. 568-616.000.
- Yang, Kang: *See—*
  - Wolf, Nicholas O.; and Yang, Kang, 4,548,707, Cl. 208-188.000.
- Yang, Kie-Hsiung, to International Business Machines Corporation. Fringe-field switched storage-effect liquid crystal display devices. 4,542,960, 9-24-85, Cl. 350-336.000.
- Yang, Kuei H.: *See—*
  - Schwuttke, Guenter H.; and Yang, Kuei H., 4,494,300, Cl. 29-571.000.
- Yang, Lien C., to United States of America, National Aeronautics and Space Administration. Instrumentation for sensing moisture content of material using a transient thermal pulse. 4,532,797, 8-6-85, Cl. 73-75.000.
- Yang, Lien C. Method of rubblization for in-situ oil shale processing. 4,545,622, 10-8-85, Cl. 299-2.000.
- Yang, Mary M.: *See—*
  - Stephens, James B.; Yang, Mary M.; and Laue, Eric G., 4,514,278, Cl. 204-430.000.
- Yang, Ning-Sun; and Paau, Alan, to Agracetus. Plant tissue culture device. 4,531,324, 7-30-85, Cl. 47-81.000.
- Yang, Ning-Sun, to Agracetus. Medium for plant protoplast culture. 4,533,636, 8-6-85, Cl. 435-240.000.
- Yang, Philip S.: *See—*
  - Woodroof, E. Aubrey; and Yang, Philip S., 4,502,159, Cl. 3-1.400.
- Yang, Robert; and Rieger, Martin M., to Warner-Lambert Company. Non-staling gum composition and method of preparation. 4,514,422, 4-30-85, Cl. 426-3.000.
- Yang, Shiow-Shong: *See—*
  - Katkocin, Dennis M.; Word, Nancy S.; and Yang, Shiow-Shong, 4,536,477, Cl. 435-205.000.
- Yang, Shu S.; Beattie, Thomas R.; Durette, Philippe L.; Gallagher, Timothy F.; and Shen, Tsung-Ying, to Merck & Co., Inc. Phosphatidyl inositol analogs useful as anti-inflammatory/analgesic agents. 4,515,722, 5-7-85, Cl. 260-403.000.
- Yang, Sung H. Auxiliary handle for a shovel. 4,537,433, 8-27-85, Cl. 294-58.000.
- Yang, Swe-Wong: *See—*
  - Gigliotti, Michael F. X., Jr.; Yang, Swe-Wong; Jackson, Melvin R.; Bruch, Charles A.; and Nguyen-Dinh, Xuan, 4,522,664, Cl. 148-404.000.
- Yang, Tai-Cheng; Rao, Krishna K.; and Huang, I-Der, to Exxon Research & Engineering Co. Process for oxidizing a carboxylic anhydride with heterogeneously prepared vanadium-phosphorus-oxygen containing catalyst composition. 4,497,958, 2-5-85, Cl. 549-239.000.
- Yang, Tai-Cheng; Rao, Krishna K.; and Huang, I-Der, to Exxon Research & Engineering Co. Process for the synthesis of carboxylic anhydrides using a vanadium, phosphorus oxygen containing catalyst composition. 4,517,371, 5-14-85, Cl. 549-239.000.
- Yang, Tai-Her. Liquid mixing valve. 4,505,301, 3-19-85, Cl. 137-625.410.
- Yang, Tai-Her. Torque limiting wrench with an audio alarm. 4,535,659, 8-20-85, Cl. 81-478.000.
- Yang, Tsen-Shau; and Allen, Michael, to Advanced Micro Devices, Inc. Temperature compensated TTL to ECL translator. 4,533,842, 8-6-85, Cl. 307-475.000.
- Yang, Tsen-Shau, to Advanced Micro Devices, Inc. Bandgap reference voltage generator with V_{CC} compensation. 4,553,083, 11-12-85, Cl. 323-313.000.
- Yang, Wei H. Windmill mechanism. 4,530,642, 7-23-85, Cl. 416-119.000.
- Yang, Wei-Yeih W.; and Okamoto, Yoshihisa, to B. F. Goodrich Company, The. Process using supercooled liquid lactam mixtures. 4,496,514, 1-29-85, Cl. 264-328.600.
- Yang, Wen-Jei. Apparatus for injection molding a foamed resin product having a smooth surface involving surface heating of the mold by applying high current low voltage electric power. 4,496,131, 1-29-85, Cl. 249-78.000.
- Yang, Wen-Liang. Faucet with built-in needle valve. 4,538,646, 9-3-85, Cl. 137-883.000.
- Yang, Yaw-Kuen. Combination lock. 4,519,229, 5-28-85, Cl. 70-312.000.
- Yang, Yaw-Kuen. Combination locking device for suitcases. 4,554,809, 11-26-85, Cl. 70-312.000.
- Yang, Yung-hsiung: *See—*
  - Tominaga, Michiaki; Yang, Yung-hsiung; Ogawa, Hidenori; and Nakagawa, Kazuyuki, 4,514,401, Cl. 514-253.000.
- Yangas, Roger. Method and means for improving microwave cooking. 4,539,454, 9-3-85, Cl. 219-10.55F.
- Yaniv, Moshe: *See—*
  - Danos, Olivier; Katinka, Michael; and Yaniv, Moshe, 4,551,270, Cl. 260-112.50R.
- Yaniv, Zvi: *See—*
  - Cannella, Vincent D.; Hansell, Gregory L.; Yaniv, Zvi; and Vijan, Meera, 4,547,789, Cl. 357-23.700.
- Yank, Carl D.: *See—*
  - Ryan, Kevin P.; and Yank, Carl D., 4,526,766, Cl. 423-322.000.
- Yankopoulos, Basil: *See—*
  - Fulton, Scott; Yankopoulos, Basil; and Zediana, Lewis, Jr., 4,562,251, Cl. 536-17.400.
- Yankovsky, Alexei J.: *See—*
  - Advolotkin, Nikolai P.; Belyaeva, Svetlana A.; Ovchinnikov, Igor E.; Lebedev, Nikolai I.; Yankovsky, Alexei J.; Sytykh, Stanislav P.; Khrenov, Jury A.; and Axenov, Vladimir N., 4,496,868, Cl. 310-112.000.
- Yanmar Diesel Engine Co., Ltd.: *See—*
  - Amemori, Koichi; Kawabe, Toshihiko; and Takahashi, Yosuke, 4,515,120, Cl. 123-368.000.
  - Amemori, Koichi; Kawabe, Toshihiko; and Miyazaki, Manabu, 4,538,561, Cl. 123-90.440.
  - Amemori, Koichi; and Kawabe, Toshihiko, 4,554,892, Cl. 123-41.82R.
  - Amemori, Koichi; Takahashi, Yosuke; Miyazaki, Manabu; Tsukahara, Hiroaki; Kawabe, Toshihiko; and Banba, Toshio, 4,557,235, Cl. 123-367.000.
  - Yogome, Yoshihiro; Kobashi, Yuuji; and Shinada, Kazuyoshi, 4,545,469, Cl. 192-51.000.
- Yannas, Ioannis V.; and Burke, John F., to Massachusetts Institute of Technology. Method of using a fibrous lattice. 4,505,266, 3-19-85, Cl. 128-1.00R.
- Yannas, Ioannis V.; Burke, John F.; and Stasikelis, Peter J., to Massachusetts Institute of Technology. Method for preserving porosity in porous materials. 4,522,753, 6-11-85, Cl. 260-123.700.
- Yannopoulos, Lymperios N.; Straw, Robert D.; and Philips, D. Colin, to Westinghouse Electric Corp. Early warning fire-detection paint. 4,520,157, 5-28-85, Cl. 524-462.000.
- Yano Giken Co., Ltd.: *See—*
  - Yano, Masatoshi; and Hamamoto, Kiyoshi, 4,527,586, Cl. 137-318.000.
- Yano, Haruhiko: *See—*
  - Higashi, Kensaku; Yano, Haruhiko; Sato, Hirotsugu; Sukegawa, Ken; and Ooba, Yuji, 4,511,642, Cl. 430-161.000.
- Yano, Hiroshi: *See—*
  - Fujimura, Shuzo; and Yano, Hiroshi, 4,512,868, Cl. 204-298.000.
- Yano, Kazuya: *See—*
  - Namba, Kazuya; Yano, Kazuya; Nakazima, Hirosi; and Muraki, Yu, 4,527,699, Cl. 215-1.00C.
- Yano, Kiyotoshi; Suzuki, Yutaka; and Yamada, Yoshichika, to Nippondenso Co., Ltd. Electromagnetic valve. 4,522,372, 6-11-85, Cl 251-141.000.
- Yano, Kozo: *See—*
  - Hamada, Hiroshi; Take, Hiroshi; Yano, Kozo; and Inami, Yasuhiko, 4,505,021, Cl. 29-570.000.
- Yano, Masao: *See—*
  - Matsumura, Susumu; Yano, Masao; Sashida, Nobuo; and Yamamoto, Yoshihiko, 4,536,816, Cl. 361-91.000.
  - Matsumura, Susumu; Hosokawa, Yasuhiko; Katsuki, Kanji; and Yano, Masao, 4,555,750, Cl. 363-37.000.
  - Miya, Toyofumi; Kobayashi, Yukiharu; and Yano, Masao, 4,515,943, Cl. 536-27.000.
- Yano, Masatoshi; and Hamamoto, Kiyoshi, to Yano Giken Co., Ltd. Structural kit for the installation of a flow regulator valve. 4,527,586, 7-9-85, Cl. 137-318.000.
- Yano, Mitsuhiro: *See—*
  - Ishikawa, Hiroshi; and Yano, Mitsuhiro, 4,546,479, Cl. 372-45.000.
- Yano, Mitsuru, to Seisan Nippon Sha, Ltd. Method of and means for bonding synthetic resin profiled fasteners to film substrate. 4,555,282, 11-26-85, Cl. 156-66.000.
- Yano, Motoichi: *See—*
  - Sakano, Hajime; Ito, Akitoshi; Yano, Motoichi; Honda, Yasuhiro; and Fujiwara, Takayoshi, 4,554,316, Cl. 525-71.000.
- Yano, Naomichi; Makido, Isao; and Ito, Hajime, to Kubota, Ltd. Latent heat accumulating greenhouse. 4,510,921, 4-16-85, Cl. 126-429.000.
- Yano, Ryuji; Chiba, Shinsaku; Yoshida, Kazutoshi; Ishida, Kazuhiro; and Yoshimoto, Shoji, to Hitachi, Ltd. Output signal detectors of magnetic bubble memory devices. 4,498,153, 2-5-85, Cl. 365-10.000.
- Yano, Ryuji: *See—*
  - Etoh, Tadaaki; Yano, Ryuji; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,495,601, Cl. 365-1.000.
  - Futami, Toshio; Yoshimoto, Shoji; and Yano, Ryuji, 4,498,152, Cl. 365-1.000.
- Yano, Seiki: *See—*
  - Hayakawa, Toshiro; Miyauchi, Nobuyuki; Suyama, Takahiro; and Yano, Seiki, 4,545,057, Cl. 372-45.000.
  - Yamamoto, Saburo; Hayashi, Hiroshi; and Yano, Seiki, 4,546,481, Cl. 372-48.000.
- Yano, Shozo; Komoto, Akira; and Fujinaga, Yasuhiro, to Shimadzu Corporation. Electronic counting scale. 4,493,384, 1-15-85, Cl. 177-25.000.
- Yano, Takashi, to Ricoh Company, Ltd. Electrophotographic process. 4,511,236, 4-16-85, Cl. 355-3.0BE.
- Yano, Takashi, to Ricoh Company, Ltd. Communication network. 4,516,272, 5-7-85, Cl. 455-607.000.
- Yano, Takashi, to Ricoh Company, Ltd. Electrostatic image recording method and apparatus. 4,553,149, 11-12-85, Cl. 346-153.100.
- Yano, Takashi; and Asami, Masahiro, to Daicel Chemical Industries, Ltd. Photosensitive diazonium material with precoat of graft polymer prepared by grafting cellulose derivation with radical polymerizable monomer. 4,555,468, 11-26-85, Cl. 430-160.000.
- Yano, Takemithu: *See—*
  - Fuchikami, Jun; and Yano, Takemithu, 4,554,263, Cl. 502-66.000.
- Yano, Takeshi; Fukui, Izumu; Hamatsuki, Takeshige; Sato, Eiichi; and Inui, Osamu, to NEC Corporation. Differential lever actuator including differentially force-transmitting members which are not liable to break. 4,518,887, 5-21-85, Cl. 310-328.000.
- Yano, Takeshi: *See—*
  - Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, 4,523,121, Cl. 310-334.000.
- Yano, Toru: *See—*
  - Mabuchi, Takaichi; and Yano, Toru, 4,529,899, Cl. 310-40.0MM.
- Yano, Toshihiko: *See—*
  - Matsui, Masanao; Chun-Eng, Liau; Kogami, Kunio; Yano, Toshihiko; and Matsuo, Noritada, 4,496,586, Cl. 514-531.000.

Yano, Toshisada: *See—*

Matsumura, Hiromu; Yano, Toshisada; and Narisada, Masayuki, 4,529,722, Cl. 514-210.000.

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Tachita, Ryobun; Yano, Tsutomu; Fukukita, Hiroshi; Fukaya, Kuniaki; and Fukumoto, Akira, 4,552,152, Cl. 128-663.000.

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Yano, Yasuhiro: *See—*

Nishida, Haruki; and Yano, Yasuhiro, 4,532,468, Cl. 323-367.000.

Takatori, Yasushi; Yano, Yasuhiro; and Hattori, Yoshifumi, 4,499,480, Cl. 346-140.00R.

Yano, Yoshiki; and Kawaguchi, Yuji, to Honda Giken Kogyo Kabushiki Kaisha. Cylinder head for internal combustion engines. 4,553,510, 11-19-85, Cl. 123-90.340.

Yant, Robert E.; and Galluch, Richard J., to Quantum Technologies, Inc. Process and apparatus for the manufacture of hyprochlorous acid. 4,504,456, 3-12-85, Cl. 423-473.000.

Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M. Hydropneumatic percussive tool. 4,505,340, 3-19-85, Cl. 173-134.000.

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Yanus, John F., to Xerox Corporation. Process for synthesizing squaraine compositions. 4,523,035, 6-11-85, Cl. 564-307.000.

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Fowler, Glenn D.; Shannon, Patrick A.; Stout, Ronald L.; and Yao, Jean, 4,502,116, Cl. 364-200.000.

Yao, Keith C.: *See—*

Reid, Lloyd E.; Yao, Keith C.; and Ryan, Douglas G., 4,512,878, Cl. 208-179.000.

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Poa, David S.; and Yao, Neng-Ping, 4,544,616, Cl. 429-229.000.

Yao-Psong, Wang. Multi-purpose instructing block. 4,518,359, 5-21-85, Cl. 434-195.000.

Yao, Raymond C.: *See—*

Lee, May D.; Martin, John H.; Borders, Donald B.; Yao, Raymond C.; and Testa, Raymond T., 4,499,075, Cl. 424-118.000.

Yao, Yugo: *See—*

Tanaka, Masaho; Shishido, Tomio; Fukuhara, Tetsukazu; Yao, Yugo; Kobayashi, Kunihilo; and Inoue, Yoshio, 4,538,042, Cl. 219-58.000.

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Yaoka, Osamu: *See—*

Goto, Kazuhiro; Yaoka, Osamu; and Oe, Takanori, 4,555,510, Cl. 514-291.000.

Nakao, Toru; Ikebe, Tsuguo; Tahara, Tetsuya; Maruyama, Yutaka; and Yaoka, Osamu, 4,543,354, Cl. 514-238.000.

Yapp, Robert E.; and Smith, John D., to Massey-Ferguson Services N.V. Tractor hydraulic control systems. 4,492,080, 1-8-85, Cl. 60-388.000.

Yarbro, Earl: *See—*

Cockburn, Harrold; Weatherly, Darrel; and Yarbro, Earl, 4,509,468, Cl. 123-90.380.

Yarbrough, Don L., to Deere & Company. Threshing concave filler strip retainer. 4,495,954, 1-29-85, Cl. 130-27.00K.

Yarbrough, Roger L., to Sulcon, Inc. Method of overlaying sulphur concrete on horizontal and vertical surfaces. 4,518,548, 5-21-85, Cl. 264-32.000.

Yardley, James F., to Dunlop Limited. Bonded composites of a thermoplastic elastomeric blend with a vulcanized epom or epm rubber composition. 4,537,825, 8-27-85, Cl. 428-327.000.

Yardley, James T.: *See—*

Gupta, Arunava; and Yardley, James T., 4,554,291, Cl. 518-700.000.

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Yardley, John P.: *See—*

Husbands, G. E. Morris; Yardley, John P.; and Muth, Eric A., 4,535,186, Cl. 564-336.000.

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Fields, Larry D., 4,495,072, Cl. 210-238.000.

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George, David J.; Nguyen, Hue V.; and Yardy, Raymond, 4,495,623, Cl. 371-38.000.

Tabata, George K.; and Yardy, Raymond, 4,510,536, Cl. 360-65.000.

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Yariv, Amnon; Harder, Christoph; and Lau, Kam-Yin, to California Institute of Technology. Tandem coupled cavity lasers with separate current control and high parasitic resistance between them for bistability and negative resistance characteristics and use thereof for optical disc readout. 4,562,569, 12-31-85, Cl. 369-122.000.

Yariv, Amnon: *See—*

Cronin-Golomb, Mark; Fischer, Baruch; White, Jeffrey O.; and Yariv, Amnon, 4,529,273, Cl. 350-354.000.

Katz, Joseph; Yariv, Amnon; and Margalit, Shlomo, 4,513,423, Cl. 372-50.000.

Yarkoni, Abraham: *See—*

Pack, Isak; Veintraub, David; Yarkoni, Abraham; and Merchuk, Josef, 4,543,965, Cl. 128-748.000.

Yarmchuk, Edward J.: *See—*

Franaszek, Peter A.; and Yarmchuk, Edward J., 4,525,724, Cl. 346-74.500.

Yarmush, David M.: *See—*

Springer, Charles S., Jr.; Pike, Martin M.; Balschi, James A.; Yarmush, David M.; and Chu, Simon C. K., 4,532,217, Cl. 436-79.000.

Yarnell, James A., to Dana Corporation. Transmission shift rod interlock system. 4,531,422, 7-30-85, Cl. 74-475.000.

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Yarnitzky, Chaim N., to Technion Research and Development Foundation, Ltd., a part interest. Automatically operated polarographic analyzer. 4,500,411, 2-19-85, Cl. 204-413.000.

Yarnold, Bart M. Trap stand carrier. 4,535,922, 8-20-85, Cl. 224-202.000.

Yaron, Giora: *See—*

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Yaroshenko, Galina F.: *See—*

Kisil, Evgeny D.; Komova, Svetlana N.; Kulikova, Olga A.; Kutyanin, Leonid I.; Popova, Larisa V.; Dyatlova, Nina M.; Lastovsky, Rostislav P.; Yaroshenko, Galina F.; Khramov, Rem A.; Dytjuk, Leonid T.; Samakaev, Rafail K.; and Vasnev, Anatoly N., 4,525,293, Cl. 252-181.000.

Samakaev, Rafail K.; Paguba, Alexandr I.; Smolnikov, Nikolai V.; Dytjuk, Leonid T.; Gusev, Vladimir I.; Dyatlova, Nina M.; Yaroshenko, Galina F.; Barsukov, Anatoly V.; Krinitskaya, Ljudmila V.; and Balashova, Taisia M., 4,551,262, Cl. 252-181.000.

Yaroshenko, Yury F.: *See—*

Braginsky, Yakov I.; Gultsev, Igor V.; Mitrofanov, Viktor A.; Nikitushkin, Nikolai A.; and Yaroshenko, Yury F., 4,517,707, Cl. 17-71.000.

Yarossi, Mary E.; and Trevisan, Carey S., to American Cyanamid Company. Process for producing a wax-like stick product. 4,518,553, 5-21-85, Cl. 264-234.000.

Yarrington, Robert M.: *See—*

Hwang, Herng-Shinn; Heck, Ronald M.; and Yarrington, Robert M., 4,522,894, Cl. 429-17.000.

Yarrow, Harry A. Ankle joint and coupling for artificial limbs. 4,499,613, 2-19-85, Cl. 3-31.000.

Yarwood, John C.; and Tyler, Derek E., to Olin Corporation. Electromagnetic control system for casting thin strip. 4,516,625, 5-14-85, Cl. 164-454.000.

Yarwood, John C.; and Tyler, Derek E., to Olin Corporation. Controlled water application for electromagnetic casting shape control. 4,530,394, 7-23-85, Cl. 164-467.000.

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Gaule, Gerhart K.; Yarwood, John C.; and Tyler, Derek E., 4,516,627, Cl. 164-467.000.

Gaule, Gerhart K.; Yarwood, John C.; and Tyler, Derek E., 4,518,030, Cl. 164-503.000.

Kindlmann, Peter J.; Yarwood, John C.; Ungarean, Gary L.; and Tyler, Derek E., 4,495,981, Cl. 164-452.000.

Kindlmann, Peter J.; Ungarean, Gary L.; Yarwood, John C.; and Tyler, Derek E., 4,495,983, Cl. 164-452.000.

Tyler, Derek E.; and Yarwood, John C., 4,515,630, Cl. 75-53.000.

Ungarean, Gary L.; and Yarwood, John C., 4,522,247, Cl. 164-150.000.

Yarygin, Vladimir I.; Sannikov, Jury I.; Panchenko, Anatoly I.; Sychev, Anatoly P.; Vikharev, Ivan G.; Kuur, Vyacheslav P.; and Toguzov, Mels Z. Method of processing sulphide copper- and/or sulphide copper-zinc concentrates. 4,521,245, 6-4-85, Cl. 75-21.000.

Yashfe, Yechiel. Rapid-heating electric water boiler. 4,551,613, 11-5-85, Cl. 219-316.000.

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Uda, Yoshiaki; and Yashiki, Takatsuka, 4,504,470, Cl. 514-19.000.

Yoshimura, Yoshinobu; Hamaguchi, Naoru; and Yashiki, Takatsuka, 4,497,809, Cl. 514-206.000.

Yashiki, Yuichi, to Canon Kabushiki Kaisha. Electrophotographic photosensitive member. 4,518,669, 5-21-85, Cl. 430-57.000.

Yashima, Michio; Komatsu, Akihiro; Takanashi, Masami; Hirose, Masashi; and Nakayama, Kengo, to Honda Motor Co., Ltd. Handle switch assembly for motorcycles. 4,508,944, 4-2-85, Cl. 200-61.850.

Yashima, Nobuyoshi, to Mitsui Engineering & Shipbuilding Co., Ltd. Marine riser protector for use on offshore oil drilling rigs in icy waters. 4,505,618, 3-19-85, Cl. 405-211.000.

Yashima, Nobuyoshi: *See—*

Oshima, Masanao; Narita, Hitoshi; Yashima, Nobuyoshi; and Tabuchi, Hiroshi, 4,519,728, Cl. 405-224.000.

Yashima, Tsuneaki: *See—*

Masuda, Shigeru; and Yashima, Tsuneaki, 4,557,889, Cl. 264-320.000.

Yashin, Jury A.: *See—*

Alexandrov, Adolf M.; Bulginov, Evgeny F.; Yashin, Jury A.; and Kiselev, Igor V., 4,547,099, Cl. 406-149.000.

Yaskawa Electric Mfg. Co., Ltd.: *See—*

Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, 4,492,906, Cl. 318-488.000.

  - Suzuki, Takeo; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,507,042, Cl. 414-680.000.
  - Suzuki, Takeo; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,529,352, Cl. 414-680.000.
- Yasuda, Akira: *See—*
  - Takasaki, Junsuke; Sato, Hirotake; and Yasuda, Akira, 4,517,031, Cl. 148-12.00C.
- Yasuda, Eiichi: *See—*
  - Yamada, Masatoshi; Yasuda, Eiichi; Kimura, Masanobu; Ueda, Tatehito; and Hashimoto, Eiji, 4,506,545, Cl. 73-119.00A.
- Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, to Ibiden Co., Ltd. Carbon rod assembly for arc gouging and blasting of metallic article. 4,492,850, 1-8-85, Cl. 219-145.210.
- Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, to Ibigawa Electric Industry Co., Ltd. Carbon rod assembly for arc gouging and blasting of metallic article. 4,555,615, 11-26-85, Cl. 219-145.210.
- Yasuda, Haruo: *See—*
  - Miyamae, Ryuichi; and Yasuda, Haruo, 4,510,942, Cl. 128-680.000.
  - Miyamae, Ryuichi; and Yasuda, Haruo, 4,558,707, Cl. 128-683.000.
- Yasuda, Hirohiko: *See—*
  - Hinoda, Seisuke; Hirano, Masao; Kato, Mitsutaka; and Yasuda, Hirohiko, 4,547,074, Cl. 356-405.000.
- Yasuda, Hiromu: *See—*
  - Kuroda, Shigeaki; Senshu, Takao; Oguni, Kensaku; Mochizuki, Taketoshi; Yasuda, Hiromu; Ishibane, Kyuhei; Atsumi, Akira; Kimura, Hideyuki; and Hatada, Toshio, 4,500,035, Cl. 236-92.00B.
- Yasuda, Hiroshi; and Marui, Kuniyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Wireless telephone apparatus including both a telephone handset and a telephone headset. 4,558,178, 12-10-85, Cl. 179-2.00E.
- Yasuda, Hiroshi: *See—*
  - Kaneko, Nobuo; Takemoto, Takeshi; and Yasuda, Hiroshi, 4,530,280, Cl. 101-93.020.
  - Nagano, Mitsuo; Hirai, Koichi; Kitamura, Kouichi; Shinkai, Kenkichi; and Yasuda, Hiroshi, 4,545,942, Cl. 260-465.00D.
  - Yamada, Jiro; Maeda, Tetsuo; and Yasuda, Hiroshi, 4,512,010, Cl. 369-220.000.
- Yasuda, Hirotsugu; and van Lier, Johannes A., to Union Carbide Corporation. Galvanic cell having a saturated fluorocarbon plasma-treated sealing gasket. 4,501,805, 2-26-85, Cl. 429-174.000.
- Yasuda, Hirotsugu: *See—*
  - van Lier, Johannes A.; and Yasuda, Hirotsugu, 4,503,133, Cl. 429-174.000.
- Yasuda, Hyo: *See—*
  - Mori, Kenzo; Yasuda, Hyo; and Suzuki, Minoru, 4,510,498, Cl. 343-435.000.
- Yasuda, Kazuo; Funabashi, Kyo; and Chiyoda, Akiyoshi, to Toyo Boseki Kabushiki Kaisha. Antimicrobial fabrics having improved susceptibility to discoloration and process for production thereof. 4,504,541, 3-12-85, Cl. 428-264.000.
- Yasuda, Kazuo: *See—*
  - Kuroishi, Tadafumi; and Yasuda, Kazuo, 4,557,601, Cl. 356-320.000.
  - Sugahara, Kenshi; Yasuda, Kazuo; and Mori, Junji, 4,519,891, Cl. 204-418.000.
- Yasuda, Kenji: *See—*
  - Abe, Yumiko; and Yasuda, Kenji, 4,525,265, Cl. 204-403.000.
  - Itamoto, Shigeru; Yasuda, Kenji; and Mikami, Senji, 4,541,717, Cl. 356-244.000.
  - Toda, Shozo; Yasuda, Kenji; and Kokubo, Shozo, 4,525,276, Cl. 210-433.200.
- Yasuda, Makoto; and Murayama, Seiichi, to Hitachi, Ltd. Liquid chromatography apparatus. 4,523,096, 6-11-85, Cl. 250-373.000.
- Yasuda, Masatoshi: *See—*
  - Tahara, Yoshiyuki; Takahashi, Toshihiro; Koyama, Hiroyasu; Suzuki, Yoshikuni; and Yasuda, Masatoshi, 4,555,365, Cl. 260-404.000.
- Yasuda, Mitsuo: *See—*
  - Nagatomo, Hideaki; Kawahira, Hiroto; Nishizawa, Toshizo; and Yasuda, Mitsuo, 4,494,383, Cl. 62-196.200.
  - Nagatomo, Hideaki; Yasuda, Mitsuo; and Kubo, Seiji, 4,497,240, Cl. 98-2.010.
- Yasuda, Naohiko: *See—*
  - Kato, Toshihisa; Iwagami, Hisao; and Yasuda, Naohiko, 4,537,719, Cl. 260-239.00A.
- Yasuda, Nobuyoshi: *See—*
  - Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,493,831, Cl. 424-180.000.
  - Takaya, Takao; Inoue, Yoshikazu; Yasuda, Nobuyoshi; and Murata, Masayoshi, 4,493,834, Cl. 424-246.000.
  - Takaya, Takao; Yasuda, Nobuyoshi; Tsutsumi, Hideo; and Matsuda, Keiji, 4,554,269, Cl. 514-35.000.
- Yasuda, Nobuyuki: *See—*
  - Iga, Akira; Odaka, Kentaro; and Yasuda, Nobuyuki, 4,491,943, Cl. 370-13.000.
  - Takaya, Takao; Tsutsumi, Hideo; Yasuda, Nobuyuki; and Matsuda, Keiji, 4,504,472, Cl. 514-36.000.
- Yasuda, Sadami: *See—*
  - Hamada, Mitsuo; and Yasuda, Sadami, 4,534,815, Cl. 156-307.500.
- Yasuda, Satoshi: *See—*
  - Nakagome, Hideki; and Yasuda, Satoshi, 4,509,334, Cl. 62-6.000.
  - Nakagome, Hideki; and Yasuda, Satoshi, 4,554,790, Cl. 62-3.000.
- Yasuda, Seiji: *See—*
  - Tanihara, Koichi; Tamai, Keiko; and Yasuda, Seiji, 4,530,768, Cl. 210-719.000.
- Yasuda, Shinichiro: *See—*
  - Imamura, Tetsuya; Takeuchi, Takashi; Tetsutani, Takashi; and Yasuda, Shinichiro, 4,530,894, Cl. 430-106.600.
- Yasuda, Shuhei: *See—*
  - Takamatsu, Toshiaki; Funada, Fumiaki; Yasuda, Shuhei; and Matsuura, Masataka, 4,509,099, Cl. 361-413.000.
- Yasuda, Shuuhei: *See—*
  - Funada, Fumiaki; Takamatsu, Toshiaki; Yasuda, Shuuhei; and Matsuura, Masataka, 4,549,174, Cl. 340-784.000.
- Yasuda, Takashi; Inoue, Naoyuki; and Tanaka, Syouji, to Ebara Corporation. Absorption refrigeration system with solution flow control. 4,534,180, 8-13-85, Cl. 62-141.000.
- Yasuda, Takashi: *See—*
  - Tamai, Kenzo; Saikawa, Isamu; Yasuda, Takashi; Murakami, Shohachi; Maeda, Toyoo; Tsuda, Hisatsugu; Sakai, Hiroshi; Sugita, Masatoshi; Yamamoto, Yoshiko; Minami, Hisashi; and Hori, Takako, 4,547,462, Cl. 435-72.000.
- Yasuda, Tomio; and Ichiyama, Toshiyuki, to Kabushiki Kaisha Meidensha. Electric field detector. 4,510,441, 4-9-85, Cl. 324-96.000.
- Yasuda, Tomio: *See—*
  - Hashimoto, Akio; and Yasuda, Tomio, 4,538,698, Cl. 180-79.100.
  - Hashimoto, Akio; and Yasuda, Tomio, 4,561,515, Cl. 180-79.100.
  - Tanigaki, Shuzo; Yasuda, Tomio; and Sakaki, Masayuki, 4,547,769, Cl. 340-626.000.
  - Wakui, Yoko; Hachino, Hiroaki; Sawahata, Mamoru; Soga, Tasao; Yasuda, Tomio; and Ooue, Michio, 4,516,149, Cl. 357-71.000.
  - Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, 4,542,398, Cl. 357-38.000.
- Yasuda, Wataru: *See—*
  - Kaneko, Toshio; Sakamoto, Koji; Kanno, Fuchio; and Yasuda, Wataru, 4,561,381, Cl. 118-652.000.
  - Kanno, Fuchio; Sakamoto, Koji; Kobayashi, Kazuo; Yasuda, Wataru; and Ogiyama, Hiromi, 4,528,937, Cl. 118-657.000.
- Yasuda, Yasuo. Stapler. 4,496,091, 1-29-85, Cl. 227-123.000.
- Yasuda, Yoshichiro; and Satoh, Seio, to Ebara Corporation. Ultrasonic flow meter. 4,545,244, 10-8-85, Cl. 73-195.000.
- Yasuda, Yoshiko: *See—*
  - Kazufumi, Ogawa; Kondo, Shigeru; Yasuda, Yoshiko; Yonezawa, Taketoshi; and Kitahiro, Isamu, 4,523,102, Cl. 250-578.000.
- Yasuda, Yoshinori: *See—*
  - Takase, Akio; Ogawa, Kohji; Tsutsumi, Takao; Yasuda, Yoshinori; and Taguchi, Hiroaki, 4,542,906, Cl. 273-185.00R.
- Yasuda, Yutaka; Hirata, Yasuo; Murakami, Shuji; Nakamura, Katsuhiro; and Furuya, Yukitsuna, to Kokusai Denshin Denwa Co., Ltd.; and NEC Corporation. Synchronization circuit for a Viterbi decoder. 4,527,279, 7-2-85, Cl. 375-114.000.
- Yasue, Hideki; and Fukumura, Kagenori, to Toyota Jidosha Kogyo Kabushiki Kaisha. Automatic transmission for a vehicle. 4,495,830, 1-29-85, Cl. 74-467.000.
- Yasue, Kazo, to Anmin Manufacturing Co., Ltd. Filling material. 4,555,421, 11-26-85, Cl. 428-6.000.
- Yasue, Kazuo, to NEC Corporation. Loop back system for loop transmission line. 4,538,026, 8-27-85, Cl. 178-2.00R.
- Yasue, Setsuo; and Yamamoto, Tomio, to Sanko Kiki Kabushiki Kaisha. Stopping device in spare wheel holding apparatus. 4,498,835, 2-12-85, Cl. 414-463.000.
- Yasufuku, Yoshitaka: *See—*
  - Kikugawa, Shozo; and Yasufuku, Yoshitaka, 4,555,443, Cl. 428-336.000.
  - Kikukawa, Shozo; and Yasufuku, Yoshitaka, 4,562,117, Cl. 428-407.000.
- Yasuguchi, Masayuki: *See—*
  - Yamada, Yukiyoshi; and Yasuguchi, Masayuki, 4,560,471, Cl. 209-144.000.
- Yasuhara, Hiroshi; Fujita, Hitoshi; and Okazaki, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Diagnostic X-ray apparatus. 4,533,946, 8-6-85, Cl. 358-111.000.
- Yasuhara, Kiyomi: *See—*
  - Masumoto, Tsuyoshi; Inoue, Akihisa; Hagiwara, Michiaki; and Yasuhara, Kiyomi, 4,527,614, Cl. 164-463.000.
- Yasuhara, Seishi, to Nissan Motor Company, Limited. Control system for a glow plug of an internal combustion engine. 4,491,100, 1-1-85, Cl. 123-145.00A.
- Yasuhara, Seishi, to Nissan Motor Company, Limited. Fuel supply system for internal combustion engines. 4,491,143, 1-1-85, Cl. 137-172.000.
- Yasuhara, Seishi, to Nissan Motor Company, Limited. Control system for a fuel injection internal combustion engine including a fuel injection rate detector. 4,494,507, 1-22-85, Cl. 123-357.000.
- Yasuhara, Seishi, to Nissan Motor Company, Limited. Electronic fuel injection control method and apparatus for a fuel injection type internal combustion engine. 4,502,438, 3-5-85, Cl. 123-357.000.
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- Yasuhara, Takeshi; and Nabeta, Eiichi, to Fuji Electric Co., Ltd. Measurement apparatus. 4,531,193, 7-23-85, Cl. 364-551.000.
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  - Ohmori, Tadashi; Fujiso, Tokuo; Yasui, Eiji; Nomura, Soichi; and Aizawa, Yukio, 4,537,872, Cl. 502-230.000.
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  - Mitani, Toragoro; Yasui, Hideo; and Morikawa, Hisashi, 4,517,344, Cl. 526-62.000.
  - Ohchi, Torao; and Yasui, Hideo, 4,538,533, Cl. 112-239.000.
- Yasui, Hirokazu: *See—*
  - Watai, Yuji; Yasui, Hirokazu; Hirayama, Yoshiyuki; and Matsuura, Akira, 4,533,234, Cl. 355-14.00D.
- Yasui, Hiroyoshi; Yoshida, Teruo; Ueno, Hiroshi; and Tsumura, Katsunori, to Koyo Seiko Company Limited. Tapered roller bearing. 4,523,862, 6-18-85, Cl. 384-564.000.
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  - Aya, Masahiro; Yasui, Kazuomi; and Kamochi, Atsumi, 4,530,717, Cl. 71-90.000.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Shiokawa, Kozo; Morishima, Norihisa; and Goto, Toshio, 4,545,944, Cl. 260-545.00R.
  - Aya, Masahiro; Saito, Junichi; Yasui, Kazuomi; Kagabu, Shinzo; Kamochi, Atsumi; and Yamaguchi, Naoko, 4,552,586, Cl. 71-94.000.
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  - Fujikawa, Masaki, 4,533,908, Cl. 340-626.000.
  - Masui, Saburo, 4,549,423, Cl. 72-295.000.
  - Shimura, Tatsuo, 4,509,723, Cl. 254-93.00H.
  - Yamagishi, Takeshi, 4,513,950, Cl. 254-8.00B.
- Yasui, Shinichiro: *See—*
  - Hatano, Itaru; Takahashi, Kenji; Hirosawa, Shigeru; Kanda, Mikio; Yasui, Shinichiro; Ichikawa, Akira; Mimori, Teruo; Sasaki, Toshio; Mukai, Tadashi; and Takahashi, Thuneo, 4,532,514, Cl. 340-995.000.
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  - Tagami, Katsutoshi; Takahashi, Tsuneo; Yasui, Shinichiro; and Ichikawa, Akira, 4,531,123, Cl. 340-995.000.
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  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,501,736, Cl. 424-195.000.
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- Yasui, Taro. Slips. 4,522,427, 6-11-85, Cl. 281-5.000.
- Yasui, Tokumasa; Nakamura, Hideaki; Uchibori, Kiyofumi; Tanimura, Nobuyoshi; and Minato, Osamu, to Hitachi, Ltd.; and Hitachi Microcomputer Engineering, Ltd. Static memory. 4,507,759, 3-26-85, Cl. 365-189.000.
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  - Tanimura, Nobuyoshi; and Yasui, Tokumasa, 4,554,729, Cl. 29-577.00C.
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- Yasui, Toshihiko; Matsumoto, Tetsuo; and Akaike, Akihiko, to Dainippon Ink and Chemicals, Inc. Method of forming resist pattern. 4,536,468, 8-20-85, Cl. 430-296.000.
- Yasui, Toshihiro; and Warnke, Wayne L., to Yamaha Hatsudoki Kabushiki Kaisha. Anti-rolling system for snowmobile of small size. 4,509,766, 4-9-85, Cl. 280-21.00R.
- Yasui, Toshihiro, to Yamaha Hatsudoki Kabushiki Kaisha. Slide rail track drive system for a snowmobile. 4,546,842, 10-15-85, Cl. 180-193.000.
- Yasui, Tsuneo, to Brother Kogyo Kabushiki Kaisha. Thermal print head for heat or non-heat-sensitive paper. 4,516,137, 5-7-85, Cl. 346-76.0PH.
- Yasui, Yasuyoshi: *See—*
  - Inui, Masaki; and Yasui, Yasuyoshi, 4,494,419, Cl. 74-477.000.
  - Inui, Masaki; and Yasui, Yasuyoshi, 4,509,385, Cl. 74-477.000.
  - Inui, Masaki; and Yasui, Yasuyoshi, 4,543,844, Cl. 74-473.00R.
  - Inui, Masaki; and Yasui, Yasuyoshi, 4,543,846, Cl. 74-477.000.
- Yasui, Yoshiharu: *See—*
  - Horiuchi, Mitsunori; Suzuki, Yoshihisa; Yasui, Yoshiharu; and Seiki, Kazuo, 4,503,662, Cl. 57-261.000.
  - Morishita, Toshio; Yasui, Yoshiharu; Suzuki, Yoshihisa; Seiki, Kazuo; and Nakamura, Haruyoshi, 4,557,022, Cl. 19-267.000.
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  - Suzuki, Yoshihisa; Yasui, Yoshiharu; and Takasu, Shigeru, 4,498,216, Cl. 19-244.000.
  - Suzuki, Yoshihisa; Yasui, Yoshiharu; Seiki, Kazuo; and Takasu, Shigeru, 4,513,481, Cl. 19-244.000.
- Yasukawa, Akira: *See—*
  - Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
- Yasukawa, Kazuyoshi, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Head for industrial robot. 4,518,298, 5-21-85, Cl. 414-4.000.
- Yasukawa, Kazuyoshi: *See—*
  - Oguchi, Yukio; and Yasukawa, Kazuyoshi, 4,546,443, Cl. 364-513.000.
  - Oguchi, Yukio; and Yasukawa, Kazuyoshi, 4,558,424, Cl. 364-513.000.
- Yasukawa, Makoto; and Ishii, Kenji, to Cerberus AG; and Nohmi Bosai Kogyo Co. Ltd. Light extinction smoke detector. 4,528,555, 7-9-85, Cl. 340-630.000.
- Yasukawa, Motohiro; Ishikawa, Yukio; Ojima, Yasuo; Harada, Hiromi; and Mori, Yoshiaki, to Sumitomo Metal Mining Company Limited. Method for recovery of Zn and Pb from iron and steel dust. 4,525,208, 6-25-85, Cl. 75-25.000.
- Yasukuni, Mitsuo, to Minolta Camera Kabushiki Kaisha. Telephoto lens system. 4,518,229, 5-21-85, Cl. 350-454.000.
- Yasumi, Hirotsune: *See—*
  - Motoyama, Shimesu; Sato, Satashi; Umeda, Seiichi; Yasumi, Hirotsune; Suto, Emiko; Takasaka, Yuko; and Tsujino, Takuichi, 4,540,602, Cl. 427-213.310.
- Yasumoto, Hidetoshi: *See—*
  - Yuasa, Yoshio; Kawagoe, Nobukazu; and Yasumoto, Hidetoshi, 4,531,830, Cl. 355-56.000.
  - Yuasa, Yoshio; Yasumoto, Hidetoshi; Kawagoe, Nobukazu; Naruse, Kazuhiko; and Inaba, Masahito, 4,551,011, Cl. 355-35.000.
- Yasumoto, Hiromi, to Junkosha Company Ltd. Electrical connector. 4,525,020, 6-25-85, Cl. 339-99.00R.
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  - Koda, Akihide; Hori, Mikio; Matsuura, Naosuke; Yasumoto, Mitsugi; Yamawaki, Ichiro; Ueda, Shuichi; and Tada, Yukio, 4,556,737, Cl. 564-218.000.
- Yasumoto, Seiichi: *See—*
  - Hamada, Takuji; Takahashi, Masahiro; Mizokawa, Sadao; Fushimi, Hitoshi; and Yasumoto, Seiichi, 4,530,085, Cl. 370-15.000.
- Yasumoto, Yoshio: *See—*
  - Masuda, Mitsuya; Iyehara, Sadahiro; Inohara, Shizuo; Ueda, Minoru; Yamamoto, Keisuke; and Yasumoto, Yoshio, 4,523,225, Cl. 358-56.000.
- Yasumune, Masaru; Yamada, Junsaku; and Kurokawa, Sumiaki, to Kabushiki Kaisha Furukawa Seisakusho; and Furukawa Kogyo Kabushiki Kaisha. Method and apparatus for packaging articles of various sizes with a continuous length of heat sealable film. 4,546,595, 10-15-85, Cl. 53-450.000.
- Yasumura, Takashi: *See—*
  - Yamamoto, Kazuhiko; Nejigaki, Kazumi; Yasumura, Takashi; Kawashima, Chikashi; and Inoue, Shuichi, 4,560,737, Cl. 527-72.000.
- Yasumuro, Hisakazu: *See—*
  - Imatani, Tsuneo; Yasumuro, Hisakazu; Watanabe, Michio; Kurashima, Hideo; and Ishibashi, Kazuhisa, 4,536,243, Cl. 156-274.600.
  - Ishibashi, Kazuhisa; Kurashima, Hideo; Yasumuro, Hisakazu; Watanabe, Michio; Imatani, Tsuneo; Taira, Kazuo; Kobayashi, Seishichi; and Ueno, Hiroshi, 4,508,481, Cl. 413-1.000.
  - Watanabe, Michio; Ishibashi, Kazuhisa; Yasumuro, Hisakazu; Kurashima, Hideo; and Imatani, Tsuneo, 4,560,430, Cl. 156-285.000.
- Yasunaga, Kimioki: *See—*
  - Saito, Taiji; Kato, Mitsuhisa; and Yasunaga, Kimioki, 4,503,679, Cl. 60-605.000.
- Yasunaga, Makoto: *See—*
  - Kurihara, Toshio; Kunita, Masao; Yasunaga, Makoto; Masuda, Katuya; Moriya, Takashi; and Oosawa, Seiichi, 4,509,421, Cl. 101-93.040.
  - Okunishi, Mizuho; and Yasunaga, Makoto, 4,540,295, Cl. 400-120.000.
- Yasunaga, Shigefumi: *See—*
  - Tsutsui, Osamu; Murakami, Shusaku; Kuwahara, Hidehiko; and Yasunaga, Shigefumi, 4,501,261, Cl. 126-351.000.
- Yasuno, Hiroshi: *See—*
  - Nakano, Tsunetomo; Yasuno, Hiroshi; and Nishio, Kazuaki, 4,558,117, Cl. 528-184.000.
- Yasuno, Mitsuo: *See—*
  - Nagaoka, Mitsuru; and Yasuno, Mitsuo, 4,497,222, Cl. 74-866.000.

Nagaoka, Mitsuru; and Yasuno, Mitsuo, 4,517,859, Cl. 74-866.000.

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Shinozaki, Yoshinobu; Yasuno, Motozo; Iwamura, Tadaaki; Marushima, Hironari; Tagawa, Yoshiteru; Takabe, Ryoji; Moriyama, Takashi; Fujii, Shuzo; Achiba, Keiichi; Oishi, Hideo; Yanagihara, Yasuo; and Masuda, Yoshiaki, 4,529,336, Cl. 406-14.000.

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Yasuoka, Akimasa; and Otobe, Yutaka, to Honda Giken Kogyo Kabushiki Kaisha. Method for controlling fuel supply to an internal combustion engine after termination of fuel cut. 4,508,087, 4-2-85, Cl. 123-493.000.

Yasuoka, Hideki: *See*—

Anzai, Norio; and Yasuoka, Hideki, 4,529,456, Cl. 148-186.000.

Yasuoka, Hirotoshi, to Mitsubishi Denki Kabushiki Kaisha. Welding torch. 4,540,869, 9-10-85, Cl. 219-124.340.

Yasuoka, Hirotoshi, to Mitsubishi Denki Kabushiki Kaisha. Robot arm having bearing support. 4,546,233, 10-8-85, Cl. 219-125.100.

Yasutaka, Hayashi: *See*—

Takayanagi, Shigewo; Hasegawa, Junzo; Yasutaka, Hayashi; Doi, Shunichi; and Matsushima, Satoru, 4,501,141, Cl. 73-146.000.

Yasutake, Kousuke, to Honda Giken Kogyo Kabushiki Kaisha. Crank shaft of V-type internal-combustion engine. 4,517,933, 5-21-85, Cl. 123-55.0VF.

Yasuzo, Kirita: *See*—

Kenji, Kubota; Kouji, Fukunaga; Yasuzo, Kirita; and Hidemune, Naito, 4,492,531, Cl. 417-279.000.

Yata, Kiyoshi: *See*—

Sawada, Hideo; and Yata, Kiyoshi, 4,521,872, Cl. 365-49.000.

Yata, Noboru: *See*—

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Yatabe, Fumio: *See*—

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Yatabe, Hiroyuki: *See*—

Nakamura, Mitsugu; Yoshizu, Satoru; Sakata, Teiichi; and Yatabe, Hiroyuki, 4,545,627, Cl. 384-585.000.

Yatchum, Joseph W.; and Giegel, David F., to McGraw-Edison Company. Current transfer shunt arrangement. 4,533,798, 8-6-85, Cl. 200-11.00R.

Yates, Andrew W.; Harradine, Brian D.; and Wraith, Michael A., to Ciba-Geigy AG. Process for the preparation of a silver halide emulsion. 4,533,627, 8-6-85, Cl. 430-567.000.

Yates, David B.: *See*—

Sim, Malcolm F.; and Yates, David B., 4,552,884, Cl. 514-312.000.

Yates, Donald B., to Pullman Standard Inc. Brake lever assembly for railway car. 4,534,453, 8-13-85, Cl. 188-52.000.

Yates, Donald B., to Pullman Standard, Inc. Brake arrangement for single axle wheel truck of railway car. 4,553,642, 11-19-85, Cl. 188-56.000.

Yates, Donald N., Jr.; and Oestrich, Michael, to Geo Vann, Inc. Primer mix, percussion primer and method for initiating combustion. 4,522,665, 6-11-85, Cl. 149-21.000.

Yates, Douglas A.: *See*—

Hanoka, Jack I.; Yates, Douglas A.; and Gregory, James A., 4,557,037, Cl. 29-576.00B.

Yates, Gregory S.: *See*—

Babecki, Glenn R.; Escolar, Carlos; Garnant, Craig M.; Kan, Hsin-Kuo; Kaplan, Frank; Liu, Hueichi R.; MacLachlan, George F.; Matteo, Peter J.; McDonald, John F.; Palframan, John D.; Tran, Roger T.; Welt, Martin J.; Wendt, Timothy A.; Yates, Gregory S.; and Zislis, Paul M., 4,500,960, Cl. 364-200.000.

Yates, Harlan W. Actuator for mechanical apparatus. 4,492,150, 1-8-85, Cl. 92-13.600.

Yates, Ivan R., to British Aerospace Public Limited Company. Duct means for aircraft. 4,533,095, 8-6-85, Cl. 244-23.00D.

Yates, Jan B.: *See*—

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Yates, Larry A. Process for recycling bituminous asphalt pavement. 4,545,700, 10-8-85, Cl. 404-75.000.

Yates, Roy A., to Pacesetter Systems, Inc. Introducer catheter apparatus and method of use. 4,531,937, 7-30-85, Cl. 604-53.000.

Yates, Samuel L.: *See*—

Aberle, Leonard J.; Kim, Dong W.; Lees, Robert; Vermeer, Dick C.; Wohnig, Ernest W.; and Yates, Samuel L., 4,519,116, Cl. 28-257.000.

Yato, Fumihiro; Kitayama, Seishi; and Kurematsu, Akira, to Kokusai Denshin Denwa Kabushiki Kaisha. Speech analysis-synthesis system. 4,516,259, 5-7-85, Cl. 381-36.000.

Yato, Tokuhiro: *See*—

Sato, Yoshito; Yato, Tokuhiro; Maeo, Hidemi; and Tsutsumi, Yoshio, 4,516,469, Cl. 91-362.000.

Yats, Larry D., to Dow Chemical Company, The. Aqueous slurry process for preparing reinforced polymeric composites. 4,550,131, 10-29-85, Cl. 524-35.000.

Yats, Larry D.: *See*—

Pickelman, Dale M.; and Yats, Larry D., 4,544,697, Cl. 524-458.000.

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Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; and Karavaev, Alexandr A., 4,515,157, Cl. 128-303.00R.

Fedorov, Svyatoslav N.; Degtev, Evgeny I.; Golubev, Vladimir N.; Khromov, Sergei V.; Yatsenko, Igor A.; Karavaev, Alexandr A.; and Yakushev, Vladimir M., 4,534,348, Cl. 128-305.000.

Yatskov, Nikolai V.: *See*—

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Yatsuda, Hisao; and Miyazaki, Mutsumi, to Kabushiki Kaisha Ohara Kogaku Garasu Seizosho. Glass for a photomask. 4,501,819, 2-26-85, Cl. 501-61.000.

Yatsuda, Yuji: *See*—

Hagiwara, Takaaki; Horiuchi, Masatada; Kondo, Ryuji; Yatsuda, Yuji; and Minami, Shinichi, 4,514,830, Cl. 365-200.000.

Yatsuhashi, Kiyomi: *See*—

Ozawa, Akio; Sueyoshi, Susumu; Sato, Keishi; Ishikawa, Kikuo; Yatsuhashi, Kiyomi; Ishii, Satoshi; and Yumino, Masamichi, 4,540,951, Cl. 330-267.000.

Yatsunami, Kenrow; and Iwamoto, Yoshihiki, to Sharp Kabushiki Kaisha. Electronic calculating machine with facilities of announcing data introduced. 4,509,129, 4-2-85, Cl. 364-513.500.

Yatsuo, Tsutomu; Nagano, Takahiro; Oikawa, Saburo; and Horie, Akira, to Hitachi, Ltd. Semiconductor GTO switching device with radially elongated cathode emitter regions of increasing length. 4,500,903, 2-19-85, Cl. 357-38.000.

Yatsuo, Tsutomu; Naito, Masayoshi; Nagano, Takahiro; Yasuda, Tomio; Onuki, Jin; Yanagi, Mitsuo; and Sato, Fumio, to Hitachi, Ltd. Semiconductor devices of multi-emitter type. 4,542,398, 9-17-85, Cl. 357-38.000.

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Sonetaka, Kazunori; Nishino, Atsushi; and Suzuki, Tadashi, 4,518,347, Cl. 431-325.000.

Yatsuyanagi, Nobuyuki: *See*—

Niino, Masayuki; Yatsuyanagi, Nobuyuki; Kumakawa, Akinaga; Suzuki, Akio; Gomi, Hiromi; Sakamoto, Hiroshi; Sasaki, Masaki; Masuda, Yoshimichi; Watanabe, Ryuzo; Takekawa, Junjiro; Ohtsuki, Etsuo; and Isago, Terashi, 4,508,680, Cl. 419-5.000.

Yau, Ben J., to Owens-Corning Fiberglas Corporation. Mat binders. 4,560,612, 12-24-85, Cl. 428-288.000.

Yau, David W. T.; and Modavis, Robert A., to International Business Machines Corporation. Thermo-mechanical overlay signature tuning for Perkin-Elmer mask aligner. 4,540,251, 9-10-85, Cl. 350-611.000.

Yau, Leo D.: *See*—

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Bohr, Mark T.; Yu, Ken K.; Yau, Leo D.; and Garg, Shyam G., 4,536,947, Cl. 29-576.00C.

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Yauneridge, Raymond: *See*—

Williams, H. Jay; and Yauneridge, Raymond, 4,501,295, Cl. 137-625.190.

Yavnieli, Mordechai, to AMCOR Ltd. Insect electrocution device. 4,490,937, 1-1-85, Cl. 43-112.000.

Yavordios, Dimitri: *See*—

Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,515,944, Cl. 544-91.000.

Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,537,975, Cl. 548-359.000.

Yax, Michael J., to Textron, Inc. Method for edge grinding multifaceted lenses. 4,503,613, 3-12-85, Cl. 51-284.00E.

Yax, Robert J.: *See*—

DiNatale, Ernest L.; and Yax, Robert J., 4,551,784, Cl. 361-225.000.

Yazaki, Akiko: *See*—

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Yazaki, Jinichi; and Sakano, Kozaburo, to Toyo Seikan Kaisha, Ltd. Multi-layer drawn plastic vessel. 4,511,610, 4-16-85, Cl. 428-35.000.

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Yazaki, Komei: *See*—

Saito, Yoshihiro; and Yazaki, Komei, 4,491,032, Cl. 74-473.00R.

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Yazaki Sogyo Kabushiki Kaisha: *See*—

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Yazaki, Susumu; and Nagano, Jun, to Bridgestone Tire Company Limited. Apparatus for cutting out an edge portion of a coating sheet. 4,549,453, 10-29-85, Cl. 83-365.000.

Yazaki, Takao; and Noro, Masataka, to Mitsubishi Petrochemical Co., Ltd. Stretch film for wrapping and a resin composition therefor. 4,493,867, 1-15-85, Cl. 428-161.000.

Yazaki, Takao; Hattori, Kazuhide; Hattori, Satoru; Hayama, Kazuhide; and Itoh, Isao, to Mitsubishi Petrochemical Co., Ltd.; and Mitsubishi Yuka Fine Chemicals Co., Ltd. Composite heat-insulating material and process for the production thereof. 4,500,597, 2-19-85, Cl. 428-317.700.

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  Brennan, Michael E.; Templeton, James H.; and Yeakey, Ernest L., 4,547,591, Cl. 564-479.000.
  Cuscurida, Michael; Yeakey, Ernest L.; and Peterson, Bruce W., 4,539,339, Cl. 521-137.000.
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  Margel, Shlomo; and Beitler, Uzi, 4,552,812, Cl. 428-407.000.

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  Fischler, Henryk; Krupka, Yaakov; and Behar, Salamon, 4,527,567, Cl. 128-419.0PT.
  Lahav, Meir; Addadi, Lia; and Weissbuch, Isabela, 4,533,506, Cl. 260-501.120.
  Lavi, Sara, 4,532,220, Cl. 436-501.000.
  Natansohn, Almeria, 4,562,133, Cl. 430-80.000.
  Patchornik, Abraham; Shai, Yechiel; and Pass, Shimeon, 4,552,922, Cl. 525-54.110.
  Ruhman, Smil; and Scherson, Isaac, 4,491,932, Cl. 364-900.000.
  Sagiv, Jacob, 4,539,061, Cl. 156-278.000.

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  Ovshinsky, Stanford R.; Sapru, Krishna; and Yee, Edmund L., 4,545,883, Cl. 204-192.0SP.

Yee, Gin W.: *See—*
  Bogert, Warren D.; Kiss, Marvin L.; and Yee, Gin W., 4,506,264, Cl. 343-18.00E.

Yeh, An-I: *See—*
  Berg, Lloyd; and Yeh, An-I, 4,501,645, Cl. 203-51.000.
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Yeh, Gene H. C.; Martin, Joel L.; and Hsieh, Henry L., to Phillips Petroleum Company. Olefin polymerization. 4,544,718, 10-1-85, Cl. 526-141.000.

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Yellig, William F., Jr., to Standard Oil Company, The. Injection of steam and solvent for improved oil recovery. 4,558,740, 12-17-85, Cl. 166-272.000.
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  Froning, H. Robert; and Yellig, William F., Jr., 4,529,037, Cl. 166-266.000.
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Yellin, Tobias O.; and Gilman, David J., to ICI Americas Inc.; and Imperial Chemical Industries PLC. Amide derivatives. 4,496,564, 1-29-85, Cl. 514-237.000.
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  Burton, Charles A.; and Banovic, Peter, 4,516,699, Cl. 222-591.000.
  Shriver, Ronald D., 4,558,421, Cl. 364-477.000.
Yelnosky, John: *See—*
  Kuhla, Donald E.; Studt, William L.; Campbell, Henry F.; and Yelnosky, John, 4,562,188, Cl. 514-245.000.
Yelsey, Arthur R.: *See—*
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Yen, Mei-Rong: *See—*
  Yu, Terry T.; and Yen, Mei-Rong, 4,532,078, Cl. 260-396.00R.
Yen, Richard C. K.: *See—*
  Rembaum, Alan; and Yen, Richard C. K., 4,534,996, Cl. 427-44.000.
Yen, Robert C.: *See—*
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Yeo, Denis, to Westinghouse Electric Corp. Welding nuclear reactor fuel rod end plugs. 4,511,075, 4-16-85, Cl. 228-7.000.
Yeo, Herbert G.: *See—*
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Yeoman, Alan M.; and Mouche , Richard J., to Nalco Chemical Company. Non-clogging deposit monitor. 4,535,622, 8-20-85, Cl. 73-61.200.
Yeoman, Alan M., to Nalco Chemical Company. Corrosion protection in cooling water systems. 4,547,540, 10-15-85, Cl. 524-130.000.
Yeoman, Richard E. Impact switch. 4,493,956, 1-15-85, Cl. 200-61.470.
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  Morizur, Jean Y. H.; and Yeou, Victor, 4,526,085, Cl. 91-6.000.
Yeowell, David A.: *See—*
  El-Sayad, Hassan A.; Swaringen, Roy A., Jr.; and Yeowell, David A., 4,491,665, Cl. 546-140.000.
  Wisowaty, James C.; Swaringen, Roy A.; and Yeowell, David A., 4,500,711, Cl. 544-258.000.
Yereance. John G., Jr.: *See—*
  Amendola, Albert; Christensen, Richard G.; and Yereance. John G., Jr., 4,536,470, Cl. 430-314.000.
Yeretzian, Georges: *See—*
  Coquillart, Michel; and Yeretzian, Georges, 4,559,681, Cl. 29-26.00A.
Yergeau, Joseph L. P. M.: *See—*
  Gill, Bernard B. J.; and Yergeau, Joseph L. P. M., 4,546,659, Cl. 73-864.620.
Yerman, Alexander J., to General Electric Company. Electrical assembly including a conductor pattern bonded to a non-metallic substrate and method of fabricating such assembly. 4,500,029, 2-19-85, Cl. 228-123.000.
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Yestadt, Frederick J.: *See—*
  Yestadt, James F.; and Yestadt, Frederick J., 4,561,692, Cl. 297-93.000.
Yestadt, James F.; and Yestadt, Frederick J. Adjustable height furniture. 4,561,692, 12-31-85, Cl. 297-93.000.
Yester, Francis R., Jr.; Gailus, Paul H.; and Louis, Edward V., to Motorola, Inc. Cavity oscillator with undesired mode absorbing waveguides for linear FM. 4,542,352, 9-17-85, Cl. 331-96.000.
Yester, Francis R., Jr.: *See—*
  Gannon, Mark A.; and Yester, Francis R., Jr., 4,559,490, Cl. 333-202.000.
Yeterian, Vahan H.: *See—*
  Cole, Eugene O.; and Yeterian, Vahan H., 4,500,206, Cl. 356-376.000.
Yetselev, Zinovy N.; and Martynov, Genrich I. Continuous casting process and apparatus. 4,544,016, 10-1-85, Cl. 164-467.000.
Yetter, Arthur M., Jr. Head and torso restraint. 4,541,425, 9-17-85, Cl. 128-134.000.
Yetter Manufacturing Company: *See—*
  Williamson, Gerald E., 4,561,505, Cl. 172-776.000.
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Yeung, Edward E.; Steenhoek, Larry E.; Woodruff, Steven D.; and Kuo, Jeng-Chung, to Iowa State University Research Foundation, Inc. Micro-polarimeter for high performance liquid chromatography. 4,498,774, 2-12-85, Cl. 356-368.000.
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Yeung, Kwok K.: *See—*
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Yevich, Joseph P.: *See—*
  Covington, Robert R.; Temple, Davis L., Jr.; and Yevich, Joseph P., 4,491,587, Cl. 424-269.000.
  New, James S.; and Yevich, Joseph P., 4,524,206, Cl. 544-230.000.
Yew, Ming-Chih: *See—*
  Finn, Bernard J.; and Yew, Ming-Chih, 4,540,197, Cl. 280-697.000.
Yewman, Peter W. W.: *See—*
  Millington, Douglas; and Yewman, Peter W. W., 4,547,102, Cl. 408-185.000.
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  Simpson, Scott S.; Yeznach, Anthony; and Barton, Carlos L., 4,546,118, Cl. 521-130.000.
Yglesia, Larry: *See—*
  Daniel, Robert P.; and Yglesia, Larry, 4,551,788, Cl. 361-403.000.
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Yie, Gene G.: *See—*
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Yih, Roy Y.: *See—*
  Bayer, Horst O.; Swithenbank, Colin; and Yih, Roy Y., 4,515,988, Cl. 568-586.000.
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  Kosrow, Robert L.; and Yin, Chieh-Kung, 4,526,115, Cl. 112-262.300.
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Yin, Ronald L. Display apparatus and method therefor. 4,562,461, 12-31-85, Cl. 358-60.000.
Yindra, Leonard J., to Hamilton Industries. Power-operated medical examination table. 4,552,403, 11-12-85, Cl. 297-330.000.
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Yip, Kwok L.: *See—*
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Yip, Shu W., to Breville Holdings Pty. Limited. Extrusion dies. 4,516,926, 5-14-85, Cl. 425-464.000.

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  Baniel, Avraham M., 4,517,142, Cl. 264-22.000.

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  Koskinen, Ensio; and Yli-Vakkuri, Erkki, 4,502,171, Cl. 8-156.000.

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Yoan, Toyohiko; and Muto, Norishige, to Kabushiki Kaisha Komatsu Seisakusho. Drill string element handling apparatus. 4,501,524, 2-26-85, Cl. 414-22.000.

Yoda, Haruo: *See—*
  Shibayama, Akinori; Fujinami, Minpai; and Yoda, Haruo, 4,532,598, Cl. 364-491.000.

Yoda, Hiroaki: *See—*
  Tomioka, Shunzo; Nakano, Masaaki; Okano, Kinpei; Shimizu, Kousaku; and Yoda, Hiroaki, 4,545,741, Cl. 417-365.000.

Yoda, Hironori: *See—*
  Matsuda, Shunsuke; Mitani, Katsuaki; Yoda, Hironori; and Nishizawa, Kenji, 4,519,763, Cl. 425-192.00R.

Yoda, Tadashi: *See—*
  Moriya, Yukio; Yoda, Tadashi; and Fukumoto, Hisashi, 4,531,366, Cl. 60-421.000.

Yoda, Yasutada; Sueyasu, Seisuke; and Futamura, Shoji, to Bridgestone Corporation; and Institute of Technology Precision Electrical Discharge Works. Tire molding mold. 4,553,918, 11-19-85, Cl. 425-46.000.

Yoda, Yukiji: *See—*
  Sakata, Hideo; and Yoda, Yukiji, 4,551,919, Cl. 33-1.00M.

Yoden, Yoshimasa; Okuda, Tsuneo; Fuchigami, Eiji; and Kuwabara, Toshihiro, to Nitta Gelatin Co., Ltd. Process for producing a shaped product of collagen by syneresis. 4,533,358, 8-6-85, Cl. 8-94.200.

Yoder, Clarence T. Travel trailer frame support. 4,500,132, 2-19-85, Cl. 296-171.000.

Yoder, David A. Bin level detector and filling switch. 4,495,388, 1-22-85, Cl. 200-61.210.

Yoder, Lloyd S. Apparatus for moving a cylindrical object. 4,502,665, 3-5-85, Cl. 254-29.00R.

Yoder, Max N., to United States of America, Navy. Permeable base transistor structure. 4,495,511, 1-22-85, Cl. 357-22.000.

Yodoshi, Tatsuo; Ohata, Hiroyoshi; and Inoue, Hiroshi, to Higashio Pipe Fittings Mfg. Co., Ltd. Pipe joint. 4,519,638, 5-28-85, Cl. 285-305.000.

Yoell, Richard W.: *See—*
  Harris, Peter; and Yoell, Richard W., 4,528,203, Cl. 426-555.000.

Yogi, Seigi; and Spector, George. Foot brush. 4,520,525, 6-4-85, Cl. 15-104.920.

Yogo, Kenji, to Aisin Seiki Kabushiki Kaisha. Pneumatic actuator. 4,549,470, 10-29-85, Cl. 92-94.000.

Yogo, Teruaki. Bending apparatus. 4,552,006, 11-12-85, Cl. 72-149.000.

Yogome, Yoshihiro; Kobashi, Yuuji; and Shinada, Kazuyoshi, to Yanmar Diesel Engine Co., Ltd. Cone clutch. 4,545,469, 10-8-85, Cl. 192-51.000.

Yoh, Kanji; and Yamashiro, Osamu, to Hitachi, Ltd. Battery checker. 4,553,098, 11-12-85, Cl. 324-433.000.

Yoh, Kanji; Yamashiro, Osamu; and Meguro, Satoshi, to Hitachi, Ltd. Method of manufacturing a reference voltage generator device. 4,559,694, 12-24-85, Cl. 29-571.000.

Yoh, Kanji: *See—*
  Ando, Yoshibumi; Sakamoto, Takashi; Yoh, Kanji; Moriuchi, Hisahiro; and Takei, Sumiaki, 4,514,646, Cl. 307-200.00B.

Yoham, Kevin P. Landscape device for trees. 4,502,244, 3-5-85, Cl. 47-25.000.

Yohe, David B.: *See—*
  Hudson, John E.; and Yohe, David B., 4,553,667, Cl. 206-315.900.

Yohe, Thomas L.; and Kyriss, Karl M. Process for purification of contaminated groundwater. 4,526,692, 7-2-85, Cl. 210-747.000.

Yohe, Warren C., to General Electric Company. Coated carbide cutting tool insert. 4,548,786, 10-22-85, Cl. 419-29.000.

Yohner, Paul A., to Keystone International, Inc. Rotatable shaft assembly. 4,541,612, 9-17-85, Cl. 251-308.000.

Yojigen Agricultural Corporation: *See—*
  Odaira, Keikichi, 4,501,604, Cl. 71-15.000.

Yoko, Kiyoshi: *See—*
  Komazawa, Hiroyasu; Hotta, Hiroshi; Nakatsuji, Hiroshi; Yoko, Kiyoshi; Higashiyama, Seiichi; Nakashima, Tuneyasu; and Gotoh, Noboru, 4,540,773, Cl. 528-480.000.

Yokobori, Nobuyoshi, to Matsushita Electric Industrial Co., Ltd. Output circuit and brushless motor using the same. 4,535,276, 8-13-85, Cl. 318-254.000.

Yokochi, Kiyoshi: *See—*
  Hoshi, Ikuo; Arai, Masami; Yokochi, Kiyoshi; Miyadera, Yasuo; Fujioka, Atsushi; and Nakagawa, Takehisa, 4,510,008, Cl. 156-245.000.

Yokoe, Hifumi: *See—*
  Kawamura, Norio; Yokoe, Hifumi; and Tsuda, Hideichi, 4,561,447, Cl. 128-687.000.

Yokoe, Kazuo; and Sekine, Yukio, to Yoshida Kogyo K.K. Apparatus for manufacturing paper stringer tape for slide fastener. 4,526,567, 7-2-85, Cl. 493-381.000.

Yokoe, Sadao; Abe, Seimei; Wakata, Shoichi; Endou, Satosi; and Onozawa, Kazuyoshi, to Trinity Industrial Corporation. Electrostatic coating process and apparatus for use therein. 4,519,549, 5-28-85, Cl. 239-703.000.

Yokoe, Shigeo: *See—*
  Hara, Kenkichi; Yokoe, Shigeo; Oka, Kazuyoshi; Murakami, Tamotsu; and Hashimoto, Tsugifusa, 4,503,136, Cl. 430-106.600.

Yokogawa, Akira; Takahashi, Asao; Maruyama, Isao; and Hosaka, Takao, to Maruzen Petrochemical Co., Ltd. Process for recovery of cyclopentadienes. 4,522,688, 6-11-85, Cl. 203-28.000.

Yokogawa, Fumihiko, to Pioneer Electronic Corporation. Electronic impedance device for providing a variable impedance. 4,513,242, 4-23-85, Cl. 323-352.000.

Yokogawa, Fumihiko: *See—*
  Takaoka, Saburo; Naito, Ryuichi; Yokogawa, Fumihiko; and Ogawa, Youichi, 4,540,897, Cl. 307-268.000.
  Watanabe, Kazuo; Ohkubo, Yuichi; Haeno, Akira; and Yokogawa, Fumihiko, 4,520,282, Cl. 307-491.000.

Yokogawa Hokushin Electric Corporation: *See—*
  Akiyama, Chuji, 4,557,148, Cl. 73-861.280.
  Fukai, Yoshio; Yamamoto, Masato; and Hanawaka, Masuo, 4,542,452, Cl. 364-141.000.
  Ikeda, Kyoichi; Harada, Kinji; and Isozaki, Katsumi, 4,495,818, Cl. 73-702.000.
  Iwaoka, Hideto; Fujino, Kenji; Sugiyama, Tadashi; and Matsuura, Hiroyuki, 4,536,712, Cl. 324-309.000.
  Miura, Shigetaka; Igawa, Junichi; and Takata, Satoru, 4,496,902, Cl. 324-150.000.
  Morita, Saichiro, 4,507,972, Cl. 73-708.000.
  Suga, Tateo; Tamura, Hiroshi; Taguchi, Masaaki; and Suzuki, Tokio, 4,560,995, Cl. 346-136.000.
  Yamaguchi, Keiki; Tomarikawa, Kazuyuki; Kurochi, Haruo; Namikawa, Jiro; Matsumura, Shigeru; Takahashi, Ryo; and Mori, Shiro, 4,491,734, Cl. 250-385.000.
  Yamaguchi, Keiki; and Sano, Shinichi, 4,501,278, Cl. 128-660.000.
  Yamaguchi, Keiki; Ogawa, Tadashi; Mitamura, Masayoshi; and Shimizu, Tooru, 4,532,644, Cl. 378-16.000.
  Yamasaki, Hiro; Chin, Tung Jin; and Akiyama, Chuji, 4,524,627, Cl. 73-861.120.

Yokogawa, Kanae; Kotani, Shozo; Kawata, Shigeo; and Takase, Yoshiyuki, to Dainippon Pharmaceutical Co., Ltd. Process for the production of disaccharide-tripeptide and disaccharide-tetrapeptide. 4,515,891, 5-7-85, Cl. 435-69.000.

Yokogawa Medical Systems, Limited: *See—*
  Shimazaki, Toru, 4,528,854, Cl. 73-626.000.

Yokogawa, Tetsuya; Futami, Ryuhei; and Kawahara, Saburo, to Kanagawa Prefectural Government, The. Method of recovering volatile organic matters. 4,528,001, 7-9-85, Cl. 55-37.000.

Yokogi, Masanobu; Sugimoto, Yoshifumi; and Ono, Yotsuo, to Asahi Kasei Kogyo Kabushiki Kaisha; and Asahi Medical Co., Ltd. Hollow fiber of cuprammonium regenerated cellulose and process for producing the same. 4,535,028, 8-13-85, Cl. 428-398.000.

Yokohama Rubber Co. Ltd., The: *See—*
  Ishikawa, Yasuhiro; Yamada, Kazuhiro; and Kida, Masashi, 4,518,733, Cl. 524-274.000.
  Kawakami, Kinya, 4,510,291, Cl. 525-237.000.
  Obara, Masaaki; Tajima, Yoshio; and Suzuki, Yukiji, 4,495,236, Cl. 428-172.000.
  Suzuki, Shoichi; Ohta, Wataru; Sakurai, Noriaki; and Yamashita, Michio, 4,521,133, Cl. 405-195.000.

Yokohara, Takashi: *See—*
  Yoshida, Kenichi; Yokohara, Takashi; Ono, Kimizo; Nishiwaki, Yoshikazu; and Tsuno, Koichi, 4,547,072, Cl. 356-350.000.

Yokohori, Nobuyuki. Apparatus for supporting baby toys. 4,561,549, 12-31-85, Cl. 211-182.000.

Yokoi, Gunpei, to Nintendo Co., Ltd. Game device. 4,508,336, 4-2-85, Cl. 273-1.00L.

- Yokoi, Gunpei; and Okada, Satoru, to Nintendo Co., Ltd. Hand-held game apparatus. 4,542,903, 9-24-85, Cl. 273-85.00G.
- Yokoi, Jun: *See—*
  - Gaku, Morio; Kimbara, Hidenori; and Yokoi, Jun, 4,554,346, Cl. 528-363.000.
- Yokoi, Junji: *See—*
  - Yamamori, Naoki; Yokoi, Junji; and Yoshikawa, Motoyoshi, 4,499,223, Cl. 524-176.000.
- Yokoi, Kazuaki: *See—*
  - Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.
- Yokoi, Kiyotachi: *See—*
  - Kashihara, Tomio; Tsuruta, Toshiro; Yamaguchi, Masayoshi; Yokoi, Kiyotachi; and Suzuki, Etsuji, 4,516,673, Cl. 198-341.000.
- Yokoi, Koichi; Tachibana, Koichi; Isomae, Kazuo; and Nakashima, Toshiaki, to SS Pharmaceutical Co., Ltd. Antiulcer drug. 4,501,752, 2-26-85, Cl. 514-414.000.
- Yokoi, Koji: *See—*
  - Naruse, Kazuo; Yokoi, Koji; and Kurokawa, Yoshiaki, 4,556,783, Cl. 219-388.000.
- Yokoi, Naoki, to Fuji Xerox Co., Ltd. Heat-sensitive recording sheet. 4,544,936, 10-1-85, Cl. 346-209.000.
- Yokoi, Shinichi; and Ito, Tsuneo, to NGK Spark Plug Co., Ltd. Ceramic heater. 4,502,430, 3-5-85, Cl. 123-145.00A.
- Yokoi, Shinji: *See—*
  - Yamamoto, Shinjiro; Yokoi, Shinji; Matsumoto, Keigo; Honda, Takeo; and Kobayashi, Takashi, 4,562,193, Cl. 514-358.000.
- Yokoi, Tsutomu: *See—*
  - Kasanami, Tohru; Tani, Hirozi; and Yokoi, Tsutomu, 4,547,310, Cl. 252-511.000.
- Yokokawa, Yoshio: *See—*
  - Nemoto, Yuhei; Shigeta, Sadaaki; and Yokokawa, Yoshio, 4,548,889, Cl. 430-273.000.
- Yokokura, Takashi: *See—*
  - Sasaki, Tsuneo; Ohtomo, Fumio; Yokokura, Takashi; and Kondo, Fumitomo, 4,547,667, Cl. 250-231.0SE.
- Yokomichi, Isao: *See—*
  - Nishiyama, Ryuzo; Fujikawa, Kanichi; Yokomichi, Isao; Haga, Takahiro; Nagatani, Kuniaki; and Hayashi, Kouji, 4,546,191, Cl. 546-303.000.
- Yokomizo, Yoshikazu, to Canon Kabushiki Kaisha. Image signal processing apparatus. 4,517,605, 5-14-85, Cl. 358-280.000.
- Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, to Canon Kabushiki Kaisha. Apparatus for processing video signals. 4,517,606, 5-14-85, Cl. 358-280.000.
- Yokomizo, Yoshikazu, to Canon Kabushiki Kaisha. Data communication system. 4,531,240, 7-23-85, Cl. 455-607.000.
- Yokomizo, Yoshikazu: *See—*
  - Shibata, Takehiko; and Yokomizo, Yoshikazu, 4,556,915, Cl. 358-280.000.
  - Tateoka, Masamichi; Asano, Junichi; Kurata, Mitsuru; and Yokomizo, Yoshikazu, 4,543,491, Cl. 250-578.000.
- Yokomori, Iwao: *See—*
  - Ariyoshi, Hiromi; and Yokomori, Iwao, 4,520,420, Cl. 361-154.000.
- Yokomori, Shinji; and Nakajima, Yoshihisa, to Fuji Electric Co., Ltd. Coin sorter with time-sharing circuit. 4,513,762, 4-30-85, Cl. 133-3.00R.
- Yokomori, Shinji; and Ushijima, Yoshio, to Fuji Electric Company. Coin sorter. 4,557,366, 12-10-85, Cl. 194-100.00A.
- Yokono, Hitoshi: *See—*
  - Azuma, Kazufumi; Nakatani, Mitsuo; Nate, Kazuo; Okunaka, Masaaki; and Yokono, Hitoshi, 4,495,218, Cl. 427-53.100.
  - Azuma, Kazufumi; Nate, Kazuo; Nakatani, Mitsuo; Yokono, Hitoshi; and Endo, Takeshi, 4,530,746, Cl. 204-159.130.
  - Kataoka, Fumio; Shoji, Fusaji; Yokono, Hitoshi; Makino, Daisuke; Koibuchi, Shigeru; and Isobe, Asao, 4,554,237, Cl. 430-197.000.
  - Nate, Kazuo; Inoue, Takashi; and Yokono, Hitoshi, 4,504,646, Cl. 528-16.000.
  - Nate, Kazuo; Inoue, Takashi; Yokono, Hitoshi; Ishikawa, Mitsuo; and Kumada, Makoto, 4,544,729, Cl. 528-28.000.
  - Shoji, Fusaji; Takemoto, Issei; Kataoka, Fumio; Yokono, Hitoshi; and Isogai, Tokio, 4,513,132, Cl. 528-21.000.
- Yokono, Tetsuro: *See—*
  - Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, 4,534,848, Cl. 208-10.000.
- Yokoo, Hidejiro: *See—*
  - Yoshida, Mamoru; Yokoo, Hidejiro; and Shirai, Ei, 4,496,585, Cl. 514-514.000.
- Yokoo, Hirokazu, to Fuji Photo Film Co., Ltd. Photographic camera having battery remaining life indicating means. 4,525,055, 6-25-85, Cl. 354-468.000.
- Yokoo, Makoto; Nakatomi, Yoshitsugu; and Hashimoto, Shinichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Copying apparatus with openable upper housing. 4,523,831, 6-18-85, Cl. 355-3.00R.
- Yokooji, Mitsunori: *See—*
  - Goto, Tadahiko; Oniki, Kiyoshi; Murakami, Satoshi; Yokooji, Mitsunori; Andou, Norio; and Shimojyo, Norio, 4,492,906, Cl. 318-488.000.
- Yokooji, Shigenori: *See—*
  - Fujiwara, Kaisaku; Yokooji, Shigenori; and Morishita, Yasuji, 4,502,047, Cl. 340-693.000.
- Yokooku, Katsuhiko; Kaneko, Tadashi; and Nakazumi, Tadataka, to Mazda Motor Corporation. Fuel injection control system for controlling the fuel distribution to the cylinders of a multi-cylinder internal combustion engine. 4,532,905, 8-6-85, Cl. 123-443.000.
- Yokooku, Katsuhiko: *See—*
  - Oda, Tatsuro; Tanaka, Hideki; Yoshioka, Sadashichi; and Yokooku, Katsuhiko, 4,508,076, Cl. 123-339.000.
  - Takeuchi, Nobuo; Kaneko, Tadashi; Nakazumi, Tadataka; and Yokooku, Katsuhiko, 4,508,078, Cl. 123-399.000.
- Yokosawa, Tomoo, to Hidaka Seiki K.K. Method of and apparatus for mounting plate fins of hairpin pipes. 4,519,121, 5-28-85, Cl. 29-157.30C.
- Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, to Nippon Kayaku Kabushiki Kaisha. Acetal glycol diacrylates and process for producing them. 4,536,588, 8-20-85, Cl. 549-374.000.
- Yokoshima, Minoru; Nawata, Kazuyoshi; Ohkubo, Tetsuo; and Hattori, Hideaki, to Nippon Kayaku Kabushiki Kaisha. (Meth) acrylate esters of dipentaerythritol caprolactone condensates. 4,540,809, 9-10-85, Cl. 560-185.000.
- Yokoshima, Naohiko; Masumoto, Nobuyoshi; and Sui, Akira. Method of producing seal ring. 4,517,726, 5-21-85, Cl. 29-527.400.
- Yokoshima, Teruaki: *See—*
  - Takeuchi, Itsuo; Yokoshima, Teruaki; Tabata, Noboru; Fujita, Eishin; Nagata, Koshiro; and Kishimoto, Tetsuya, 4,547,372, Cl. 426-11.000.
- Yokosuka, Koichi, to Seiko Instruments & Electronics Ltd. Buckle for a watch band. 4,539,736, 9-10-85, Cl. 24-644.000.
- Yokota, Akira, to Nissan Motor Company, Limited. Belt type power transmitting system. 4,533,341, 8-6-85, Cl. 474-109.000.
- Yokota, Atsuo: *See—*
  - Shikama, Takashi; Yamamoto, Tomoyuki; and Yokota, Atsuo, 4,516,054, Cl. 315-71.000.
- Yokota, Hajime: *See—*
  - Yoshida, Masashi; Katohno, Noboru; Yokota, Hajime; and Okayama, Masao, 4,499,512, Cl. 360-90.000.
- Yokota, Hiromu: *See—*
  - Otake, Etsuo; Kimura, Mamoru; Yokota, Hiromu; and Kanematu, Tetuo, 4,521,251, Cl. 106-183.000.
- Yokota, Hiroshi: *See—*
  - Miyajiri, Tetsuo; Habasaki, Toshimi; Yokota, Hiroshi; Tsurita, Tamio; and Nakahara, Motohiro, 4,545,801, Cl. 65-157.000.
- Yokota, Masahisa: *See—*
  - Katsumata, Tsutomu; and Yokota, Masahisa, 4,517,389, Cl. 568-804.000.
- Yokota, Masaji: *See—*
  - Arai, Noboru; Yokota, Masaji; and Yanagimoto, Takekazu, 4,531,829, Cl. 355-43.000.
- Yokota, Masami; Sugitani, Hiroshi; and Inamoto, Tadayoshi, to Canon Kabushiki Kaisha. Ink jet recording head. 4,521,787, 6-4-85, Cl. 346-140.00R.
- Yokota, Masami: *See—*
  - Sugitani, Hiroshi; Inamoto, Tadayoshi; and Yokota, Masami, 4,509,063, Cl. 346-140.00R.
- Yokota, Minoru; Murakami, Kazuhito; and Takahashi, Kenichi, to Sumitomo Electric Industries, Ltd. Process for producing infrared light transmitting optical fiber. 4,504,298, 3-12-85, Cl. 65-3.110.
- Yokota, Minoru: *See—*
  - Umemura, Mamoru; and Yokota, Minoru, 4,546,432, Cl. 364-200.000.
- Yokota, Mitsuru; Fujioka, Shuji; Goshima, Tsutomu; Kenjo, Hideki; and Komaki, Kazushige, to Toray Industries, Inc. Method of manufacturing shaped article of hydrogel. 4,548,983, 10-22-85, Cl. 524-726.000.
- Yokota, Mitsuyoshi; and Matsumoto, Akio, to Mitsubishi Denki Kabushiki Kaisha. Control device for pump apparatus for vehicular use. 4,510,425, 4-9-85, Cl. 318-484.000.
- Yokota, Mitsuyoshi, to Mitsubishi Denki Kabushiki Kaisha. Pressure sustaining apparatus. 4,518,316, 5-21-85, Cl. 417-12.000.
- Yokota, Mitsuyoshi; and Matsumoto, Akio, to Mitsubishi Denki Kabushiki Kaisha. Control for pumping devices used in vehicles. 4,524,311, 6-18-85, Cl. 318-481.000.
- Yokota, Mitsuyoshi: *See—*
  - Iwaki, Yoshiyuki; Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,496,898, Cl. 322-34.000.
  - Matsumoto, Akio; and Yokota, Mitsuyoshi, 4,518,903, Cl. 318-481.000.
  - Matsumoto, Akio; and Yokota, Mitsuyoshi, 4,521,651, Cl. 200-83.00R.
  - Matsumoto, Akio; and Yokota, Mitsuyoshi, 4,524,312, Cl. 318-481.000.
  - Matsumoto, Akio; and Yokota, Mitsuyoshi, 4,525,125, Cl. 417-44.000.
  - Morishita, Mitsuharu; Yokota, Mitsuyoshi; and Matsumoto, Akio, 4,539,515, Cl. 320-17.000.
- Yokota, Nobuo: *See—*
  - Matsuo, Tadao; Matsuoka, Fumio; Yokota, Nobuo; and Yamamoto, Masaaki, 4,518,552, Cl. 264-126.000.
- Yokota, Norio: *See—*
  - Takagi, Shigehide; Yokota, Norio; Sato, Syohei; and Nishi, Toshihiro, 4,560,413, Cl. 106-120.000.
- Yokota, Seiji: *See—*
  - Kanaya, Takakuni; Kudo, Isao; and Yokota, Seiji, 4,541,299, Cl. 74-493.000.
- Yokota, Takashi. Recording apparatus using a recording member in endless belt form. 4,551,001, 11-5-85, Cl. 355-3.0BE.

Yokota, Takashi: *See*—
- Tomita, Satoru; Shimura, Akira; and Yokota, Takashi, 4,499,849, Cl. 118-652.000.

Yokota, Tsuneshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Optical disk system with laser safety arrangement. 4,499,571, 2-12-85, Cl. 369-54.000.

Yokota, Tsuneshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Automatic focusing device. 4,503,324, 3-5-85, Cl. 250-201.000.

Yokota, Tsuneshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Output stabilizing device. 4,516,242, 5-7-85, Cl. 372-29.000.

Yokota, Tsuneshi; and Nakagawa, Akira, to Tokyo Shibaura Denki Kabushiki Kaisha. Data recording and reproducing apparatus and method. 4,558,441, 12-10-85, Cl. 369-59.000.

Yokota, Tsuyoshi: *See*—
- Yomogida, Toshihiko; Sakurai, Itaru; Yokota, Tsuyoshi; and Kato, Sadamu, 4,504,900, Cl. 364-140.000.

Yokota, Yoshiharu: *See*—
- Doi, Motomichi; Okano, Kinpei; Nii, Katsutoshi; and Yokota, Yoshiharu, 4,508,396, Cl. 384-463.000.

Yokotani, Fumiko: *See*—
- Wada, Takahiro; Yamamoto, Ryoichi; and Yokotani, Fumiko, 4,561,989, Cl. 252-70.000.

Yokotani, Noboru: *See*—
- Minekane, Tomiharu; Yokotani, Noboru; and Onuma, Takehiko, 4,549,809, Cl. 356-436.000.

Yokotani, Yoichirou: *See*—
- Kato, Junichi; Yokotani, Yoichirou; Nishida, Masamitsu; and Ouchi, Hiromu, 4,542,107, Cl. 501-134.000.

Yokote, Sachio: *See*—
- Kawai, Yoichi; Gotoh, Yoshihisa; Yokote, Sachio; Maki, Masami; and Sekiguchi, Katsumi, 4,510,079, Cl. 252-511.000.

Yokouchi, Hideya: *See*—
- Takayama, Chitoshi; Hirao, Hideo; Yokouchi, Hideya; and Iida, Teruhiko, 4,494,159, Cl. 360-78.000.

Yokouchi, Hiroshi; and Iketani, Ryuichi, to Oki Electric Industry Co., Ltd. Data bus precharging circuits. 4,551,821, 11-5-85, Cl. 365-203.000.

Yokoya, Satoshi, to Sony Corporation. Phase-locked loop circuit with variable bandwidth filter. 4,525,686, 6-25-85, Cl. 331-17.000.

Yokoya, Satoshi; Numata, Norio; and Shimizu, Ikuo, to Sony Corporation. AM Stereo decoder for multiple coding systems. 4,535,470, 8-13-85, Cl. 381-15.000.

Yokoya, Satoshi: *See*—
- Shimizu, Yoshio; and Yokoya, Satoshi, 4,541,109, Cl. 381-15.000.

Yokoya, Yuji: *See*—
- Sato, Hiroki; Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,538,478, Cl. 74-493.000.
- Toyoda, Shuhei; Yokoya, Yuji; and Ishii, Hakumi, 4,530,254, Cl. 74-493.000.

Yokoyama, Akira; Arano, Yasushi; and Hosotani, Takeo, to Nihon Medi-Physics Co., Ltd. 1-(p-Substituted or unsubstituted aminoalkyl)phenylpropane-1,2-dione bis(thiosemicarbazone) derivatives, and their production and use. 4,511,550, 4-16-85, Cl. 424-1.100.

Yokoyama, Akira: *See*—
- Arano, Yasushi; Magata, Yasuhiro; and Yokoyama, Akira, 4,559,221, Cl. 424-1.100.

Yokoyama, Eiji; Kaneko, Tadao; Amano, Yoshiaki; and Sugimoto, Shigeo, to Hitachi, Ltd. Fuel cell apparatus. 4,554,223, 11-19-85, Cl. 429-20.000.

Yokoyama, Eisuke, to Kawaguchiko Seimitsu Company Limited. Link for watch band and bracelet. 4,554,783, 11-26-85, Cl. 59-82.000.

Yokoyama, Hachirou: *See*—
- Kogiso, Takashi; Kishi, Katsutoshi; and Yokoyama, Hachirou, 4,551,969, Cl. 57-264.000.

Yokoyama, Hideo; Tomita, Seiji; and Yamada, Shigeo, to Tokyo Shibaura Denki Kabushiki Kaisha. Tape player. 4,519,558, 5-28-85, Cl. 242-186.000.

Yokoyama, Hideo: *See*—
- Tomita, Seiji; and Yokoyama, Hideo, 4,492,995, Cl. 360-96.500.

Yokoyama, Hiroshi: *See*—
- Kuge, Toshio; Yokoyama, Hiroshi; Nogita, Shunsuke; Nakamura, Yoichi; and Muroi, Katsumi, 4,523,927, Cl. 44-1.00B.
- Namba, Yuzuru; Aoyagi, Kenichi; and Yokoyama, Hiroshi, 4,553,514, Cl. 123-308.000.
- Takano, Hiroshi; Yokoyama, Hiroshi; and Mizuno, Takahide, 4,510,113, Cl. 264-257.000.

Yokoyama, Hiroyuki, to Kabushiki Kaisha Suwa Seikosha. Electronic timepiece. 4,502,790, 3-5-85, Cl. 368-200.000.

Yokoyama, Junichi: *See*—
- Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.

Yokoyama, Katsunori: *See*—
- Suda, Yoshiyuki; Yokoyama, Katsunori; and Tanuma, Chiaki, 4,510,412, Cl. 310-328.000.
- Tanuma, Chiaki; Yokoyama, Katsunori; and Suda, Yoshiyuki, 4,554,586, Cl. 358-213.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, to Green Cross Corporation, The. Trifluoromethyl substituted perfluoro quinolizines. 4,526,969, 7-2-85, Cl. 546-164.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, to Green Cross Corporation, The. Perfluorotricyclic amines as oxygen carriers. 4,530,926, 7-23-85, Cl. 514-214.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; and Suyama, Tadakazu, to Green Cross Corporation, The. Perfluorocycloamines. 4,534,978, 8-13-85, Cl. 514-429.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, to Green Cross Corporation, The. Perfluorotricyclic amines as oxygen carriers. 4,535,085, 8-13-85, Cl. 514-290.000.

Yokoyama, Kazumasa; Fukaya, Chikara; Tsuda, Yoshio; Ono, Taizo; Arakawa, Yoshio; Inoue, Yoshihisa; Naito, Youichiro; and Suyama, Tadakazu, to Green Cross Corporation, The. Perfluoro-1-azatricyclic amine compound. 4,542,147, 9-17-85, Cl. 514-411.000.

Yokoyama, Kazumasa: *See*—
- Mizushima, Yutaka; Aihara, Hironaka; Otomo, Susumu; Yokoyama, Kazumasa; Okamoto, Hiroyuki; and Suyama, Tadakazu, 4,493,847, Cl. 424-317.000.

Yokoyama, Kenji, to Nippon Gakki Seizo Kabushiki Kaisha. Pulse-width modulation circuit. 4,504,793, 3-12-85, Cl. 330-10.000.

Yokoyama, Kenji, to Nippon Gakki Seizo Kabushiki Kaisha. Small signal amplifying circuit for a pickup cartridge. 4,512,008, 4-16-85, Cl. 369-134.000.

Yokoyama, Kenji, to Nippon Gakki Seizo Kabushiki Kaisha. Pulse-width modulation circuit with carrier signal frequency control. 4,524,335, 6-18-85, Cl. 332-9.00R.

Yokoyama, Kenji, to Nippon Gakki Seizo Kabushiki Kaisha. Pulse-width modulation circuit. 4,531,096, 7-23-85, Cl. 330-10.000.

Yokoyama, Kenji, to Nippon Gakki Seizo Kabushiki Kaisha. Power amplifier. 4,560,946, 12-24-85, Cl. 330-149.000.

Yokoyama, Kunio: *See*—
- Motoyama, Takeshi; Onishi, Toshiyuki; and Yokoyama, Kunio, 4,499,738, Cl. 62-155.000.

Yokoyama, Masato; Nagasaku, Eiichi; Taya, Tosiki; and Kato, Toshiyuki, to Nippondenso Co., Ltd.; and Toyota Jidosha Kogyo Kabushiki Kaisha. Rotary vane-type compressor with vanes of more thermally expansible material than rotor for maintaining separation of rotor from housing side plate during high temperature operation. 4,560,332, 12-24-85, Cl. 418-83.000.

Yokoyama, Naokata, to Ciba-Geigy Corporation. Certain -2-heterocycle substituted pyrazoloquinolines. 4,524,146, 6-18-85, Cl. 514-273.000.

Yokoyama, Naokata, to Ciba-Geigy Corporation. Heterocyclic-fused pyrazolo-[3,4-d]pyridin-3-ones as benzodiazepine receptor modulators. 4,560,689, 12-24-85, Cl. 514-250.000.

Yokoyama, Naoki: *See*—
- Hasebe, Nobuhisa; Kawada, Hiroshi; Yokoyama, Naoki; and Komori, Shigeki, 4,522,540, Cl. 409-293.000.

Yokoyama, Nobuaki: *See*—
- Imazeki, Kazuyoshi; and Yokoyama, Nobuaki, 4,523,197, Cl. 343-702.000.
- Imazeki, Kazuyoshi; and Yokoyama, Nobuaki, 4,525,718, Cl. 343-702.000.

Yokoyama, Shigeki; and Ohga, Kunihiko, to Fuji Photo Film Co., Ltd. Silver halide photographic materials. 4,495,275, 1-22-85, Cl. 430-527.000.

Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, to Fuji Photo Film Co., Ltd. Antistatic agent containing silver halide photographic light-sensitive materials. 4,510,233, 4-9-85, Cl. 430-527.000.

Yokoyama, Shigeki; Hibino, Akira; Maekawa, Yukio; and Kawasaki, Hiroshi, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials with antistatic layer containing nonionic surface active agent. 4,518,354, 5-21-85, Cl. 430-527.000.

Yokoyama, Shigeki; Nakamura, Koki; Kouda, Jyounichi; and Sekiguchi, Nobuhisa, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive material containing a polyoxyethylene surfactant and a nitron compound. 4,555,480, 11-26-85, Cl. 430-527.000.

Yokoyama, Shigeki; Okamura, Hisashi; Maekawa, Yukio; and Kawasaki, Hiroshi, to Fuji Photo Film Co., Ltd. Silver halide photographic light-sensitive materials containing nonionic surface active antistatic agent. 4,558,001, 12-10-85, Cl. 430-527.000.

Yokoyama, Sho, to Tachikawa Spring Co., Ltd. Arm rest device of a seat for a vehicle. 4,558,901, 12-17-85, Cl. 297-113.000.

Yokoyama, Shoji; and Sakakibara, Shiro, to Aisin Warner Kabushiki Kaisha. Hydraulic control system for a V-belt transmission. 4,534,243, 8-13-85, Cl. 74-868.000.

Yokoyama, Shoji: *See*—
- Hayakawa, Yoichi; Yokoyama, Shoji; and Ito, Yasunobu, 4,547,178, Cl. 474-11.000.

Yokoyama, Shotaro; and Nishibe, Takashi, to Fuji Electric Corporate Research & Development Co., Ltd. Image sensing apparatus. 4,529,886, 7-16-85, Cl. 250-578.000.

Yokoyama, Shotaro; and Nishibe, Takashi, to Fuji Electric Co., Ltd. Automatic focusing apparatus including image contrast detection means. 4,542,289, 9-17-85, Cl. 250-201.000.

Yokoyama, Susumu: *See*—
- Sanada, Yuzo; Yokoyama, Susumu; Chiba, Tadatoshi; Yokono, Tetsuro; Moritomi, Hiroshi; Obara, Toshiyuki; and Nagaishi, Hiroshi, 4,534,848, Cl. 208-10.000.

Yokoyama, Tadashi: *See*—
- Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,503,296, Cl. 200-61.270.
- Suzuki, Masaru; Iwata, Masayosi; Hayashi, Yoshikazu; and Yokoyama, Tadashi, 4,496,810, Cl. 200-61.540.

Yokoyama, Takashi: *See*—
- Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, 4,519,764, Cl. 425-256.000.

Maeda, Yasuhiro; Yokoyama, Takashi; and Yagihashi, Shinichi, 4,561,486, Cl. 164-118.000.

Yokoyama, Tatsuo, to Fujitsu Ten Limited. DC Current detector. 4,513,245, 4-23-85, Cl. 324-119.000.

Yokoyama, Tatsuro: *See*—

Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,501,750, Cl. 514-369.000.

Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,511,574, Cl. 514-371.000.

Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; and Awaya, Akira, 4,524,147, Cl. 514-274.000.

Sakano, Isao; Yokoyama, Tatsuro; Kajiya, Seitaro; Okazaki, Yutaka; Tokuda, Hiroshi; Kawazura, Hiroshi; Kumakura, Mikio; Nakano, Takuo; and Awaya, Akira, 4,532,137, Cl. 514-371.000.

Yokoyama, Toshihiko: *See*—

Yamaguchi, Tadashi; Ono, Takayuki; Hirata, Michitoshi; and Yokoyama, Toshihiko, 4,537,645, Cl. 149-3.000.

Yokoyama, Yasumasa: *See*—

Kanekiyo, Kazue; Kobayashi, Masatsune; Yokoyama, Yasumasa; Eida, Tsuyoshi; Komori, Tomoko; and Koike, Shoji, 4,505,749, Cl. 106-20.000.

Kobayashi, Masatsune; Eida, Tsuyoshi; Koike, Shoji; Yokoyama, Yasumasa; and Komori, Tomoko, 4,557,761, Cl. 106-22.000.

Yokoyama, Yasuyuki; Hatano, Takayoshi; Suzuki, Kenji; and Fujioka, Koichiro, to Iwatsu Electric Co., Ltd. Exposure-scanning apparatus. 4,557,592, 12-10-85, Cl. 355-51.000.

Yokoyama, Yuichi: *See*—

Kawamura, Kazunori; Yamashita, Shinichi; Yokoyama, Yuichi; and Tsuchiya, Makoto, 4,540,761, Cl. 526-245.000.

Yokozawa, Masami; and Kanai, Isao, to Matsushita Electronics Corporation. Plastic encapsulated semiconductor device and method for manufacturing the same. 4,503,452, 3-5-85, Cl. 357-72.000.

Yokozawa, Yukio, to Kabushiki Kaisha Suwa Seikosha. Portable programmable information device and external programming station. 4,534,012, 8-6-85, Cl. 364-900.000.

Yokozeki, Seiki, to Matsushita Electric Industrial Co., Ltd. Method for operating a programmable microwave heating apparatus with food defrosting control. 4,520,251, 5-28-85, Cl. 219-10.55M.

Yokozeki, Shinichi; Kimura, Masami; and Tsukagoshi, Tsunehiro, to Pioneer Electronic Corporation. Acoustic diaphragm. 4,518,443, 5-21-85, Cl. 148-400.000.

Yoldas, Bulent E.; and Lloyd, Isabel K., to Westinghouse Electric Corp. Rhombohedral nasicon compound and battery. 4,526,844, 7-2-85, Cl. 429-30.000.

Yoldas, Bulent E.; and Partlow, Deborah P., to United States of America, Energy. Antireflective graded index silica coating, method for making. 4,535,026, 8-13-85, Cl. 428-310.500.

Yolton, Charles F.; and Moll, John H., to Crucible Materials Corporation. Method for atomizing titanium. 4,544,404, 10-1-85, Cl. 75-0.50C.

Yomoda, Minoru; and Tsukamoto, Izumi, to Canon Kabushiki Kaisha. Transfer apparatus for compensating for a transfer error. 4,538,914, 9-3-85, Cl. 356-400.000.

Yomogida, Toshihiko; Sakurai, Itaru; Yokota, Tsuyoshi; and Kato, Sadamu, to Toyoda Machine Works, Ltd. Sequence instruction display system. 4,504,900, 3-12-85, Cl. 364-140.000.

Yomogida, Toshihiko; Suzuki, Yasuo; and Ito, Kyoji, to Toyoda Koki Kabushiki Kaisha. Programmable sequence controller. 4,510,580, 4-9-85, Cl. 364-900.000.

Yomtov, Barry M.: *See*—

Livingston, John H.; and Yomtov, Barry M., 4,561,444, Cl. 128-419.0PG.

Yonahara, Kunio; and Aimoto, Shingo, to Kabushiki Kaisha Meidensha. Electrically conductive plastic complex material. 4,562,11. 12-31-85, Cl. 428-331.000.

Yonahara, Kunio: *See*—

Fushimi, Kazuo; Tsunakawa, Hirokazu; and Yonahara, Kunio, 4,551,267, Cl. 252-511.000.

Yoneda, Akiyoshi, to Amada Company, Limited. Saw blade. 4,557,172, 12-10-85, Cl. 83-848.000.

Yoneda, Hitoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Method and apparatus for forming multicolor image. 4,515,462, 5-7-85, Cl. 355-4.000.

Yoneda, Junichi; and Igarashi, Akira, to Fuji Photo Film Co., Ltd. Heat-sensitive recording material. 4,554,566, 11-19-85, Cl. 346-207.000.

Yoneda, Kenji; Sugihara, Kunihiko; and Ushimura, Shoji, to Nissan Motor Company, Limited. Fuel injection nozzle for an internal combustion engine. 4,506,833, 3-26-85, Cl. 239-533.400.

Yoneda, Kenji; and Sugihara, Kunihiko, to Nissan Motor Company, Limited. Fuel injection nozzle. 4,540,126, 9-10-85, Cl. 239-533.400.

Yoneda, Kiyoshi; and Takeuchi, Hiroshi, to Tokyo Shibaura Denki Kabushiki Kaisha. System for measuring interfloor traffic for group control of elevator cars. 4,536,842, 8-20-85, Cl. 364-424.000.

Yoneda, Kou: *See*—

Sawada, Takeshi; Yoneda, Kou; Shinmi, Akira; Takagi, Hiroshi; Abiko, Shuzo; and Goto, Hirokazu, 4,506,220, Cl. 324-252.000.

Yoneda, Naoto; Kato, Jyoji; Hayashi, Kimiaki; Ochiai, Takashi; and Kinashi, Keizo, to Tanabe Seiyaku Co., Ltd. Antihypertensive 2-oxo-imidazolidine derivatives. 4,508,727, 4-2-85, Cl. 514-398.000.

Yoneda, Osamu, to Tokusen Kogyo Kabushiki Kaisha. Steel cord. 4,509,318, 4-9-85, Cl. 57-212.000.

Yoneda, Osamu: *See*—

Miyauchi, Toshiaki; and Yoneda, Osamu, 4,506,500, Cl. 57-212.000.

Yoneda, Takao; and Sakakibara, Yasuji, to Toyoda Koki Kabushiki Kaisha. Numerical controller for an angular slide grinding machine. 4,502,125, 2-26-85, Cl. 364-474.000.

Yoneda, Takao; and Sakakibara, Yasuji, to Toyoda Koki Kabushiki Kaisha. Method of grinding a curved corner portion. 4,510,719, 4-16-85, Cl. 51-289.00R.

Yoneda, Takao: *See*—

Tsujiuchi, Toshio; Yoneda, Takao; and Ohta, Norio, 4,490,946, Cl. 51-165.880.

Yoneda, Tetsuzo; and Sato, Masanori, to Toyota Jidosha Kabushiki Kaisha; and Aisin Seiki Kabushiki Kaisha. Transmission housing arrangement. 4,539,865, 9-10-85, Cl. 74-606.00R.

Yoneda, Tsutomu: *See*—

Nakagawa, Yoshinori; Yoneda, Tsutomu; and Matsuda, Shoji, 4,526,570, Cl. 604-20.000.

Yoneda, Yasunobu, to Murata Manufacturing Co., Ltd. Ceramic compositions for a reduction-reoxidation type semiconducting capacitor. 4,535,064, 8-13-85, Cl. 501-138.000.

Yoneda, Yosuke, to Tomy Kogyo Company, Incorporated. Summersaulting toy. 4,530,672, 7-23-85, Cl. 446-324.000.

Yonehama, Teruo: *See*—

Kakimoto, Toshihiko; Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,491,304, Cl. 267-140.100.

Konishi, Keizo; Yonehama, Teruo; and Yamamoto, Takao, 4,553,744, Cl. 267-140.100.

Yonehana, Kiyoshi; and Tachibana, Zenpei, to Kawashima Textile Manufacturers Ltd.; and Kyocera Corporation. Double-pile loom. 4,561,473, 12-31-85, Cl. 139-21.000.

Yonehara, Hiroyuki: *See*—

Takagi, Tsuneo; and Yonehara, Hiroyuki, 4,525,065, Cl. 355-77.000.

Yonehara, Yoriko: *See*—

Takagaki, Hidetsugu; Nakanishi, Shigenori; Tanaka, Yasuyuki; Watanabe, Michihiro; and Yonehara, Yoriko, 4,525,303, Cl. 260-239.55R.

Yonekawa, Hitoshi: *See*—

Ishii, Kiyoshi; Murai, Masataka; and Yonekawa, Hitoshi, 4,500,426, Cl. 210-321.300.

Yonekawa, Motoki: *See*—

Sugino, Kenji; Sugino, Yoshihiro; Tatsuguchi, Mikio; Eda, Kensaku; Kasai, Yoichi; Nishisaka, Tsuyoshi; and Yonekawa, Motoki, 4,560,373, Cl. 604-30.000.

Yonekubo, Masatoshi: *See*—

Matsushita, Yoshikazu; Takei, Masaki; Yonekubo, Masatoshi; and Nishiwaki, Tsutomu, 4,556,891, Cl. 346-76.0PH.

Yonekura, Kenichi; Asami, Kazuto; Hino, Yushi; and Yagi, Katsumi, to Glory Kogyo Kabushiki Kaisha. Circular object's diameter determining device. 4,531,625, 7-30-85, Cl. 194-102.000.

Yonekura, Mikio, to Amada Company, Limited. Control system for presses. 4,510,570, 4-9-85, Cl. 364-476.000.

Yonekura, Seiji: *See*—

Matsuoka, Shigeru; Yamauchi, Koji; Tadokoro, Hiroyuki; Yonekura, Seiji; and Suzuki, Mitsuo, 4,549,092, Cl. 307-116.000.

Yonemaru, Ken-Ichi: *See*—

Tsuda, Masaya; Yonemaru, Ken-Ichi; and Masuda, Yoshikazu, 4,492,977, Cl. 358-75.000.

Yonemitsu, Jun: *See*—

Yamamoto, Kaichi; and Yonemitsu, Jun, 4,533,937, Cl. 358-22.000.

Yonemochi, Osamu: *See*—

Usui, Masayoshi; and Yonemochi, Osamu, 4,561,484, Cl. 164-101.000.

Yonemori, Takaji; and Sagara, Seiji, to Canon Kabushiki Kaisha. Variable magnification image forming apparatus. 4,521,100, 6-4-85, Cl. 355-8.000.

Yonemori, Yoshinori: *See*—

Yanagisawa, Saburo; and Yonemori, Yoshinori, 4,495,912, Cl. 123-350.000.

Yonemoto, Hiroshi; Narimatsu, Akihisa; and Suzuki, Nobuyuki, to Sony Magnescale Inc. Position detecting device. 4,558,312, 12-10-85, Cl. 340-680.000.

Yonemoto, Masashi: *See*—

Kajiyama, Ryuichi; and Yonemoto, Masashi, 4,515,246, Cl. 187-29.00R.

Yonemura, Shigehiro: *See*—

Miyatake, Satoshi; Abe, Mitsuo; Kume, Masao; Yonemura, Shigehiro; and Umino, Hiroshi, 4,561,216, Cl. 51-165.920.

Yoneno, Hiroshi: *See*—

Ishihara, Shoichi; Yoneno, Hiroshi; and Yamamoto, Ryoichi, 4,492,725, Cl. 428-69.000.

Yoneta, Toshio: *See*—

Umezawa, Hamao; Umezawa, Sumio; Tsuchiya, Tsutomu; Yoneta, Toshio; and Fukatsu, Shunzo, 4,547,492, Cl. 514-41.000.

Yonex Kabushiki Kaisha: *See*—

Yoneyama, Minoru, 4,534,558, Cl. 273-78.000.

Yoneyama, Minoru, to Yonex Kabushiki Kaisha. Golf club head. 4,534,558, 8-13-85, Cl. 273-78.000.

Yoneyama, Shigeyuki; Nakano, Kenji; Moriwaki, Hisayoshi; and Takahashi, Takao, to Sony Corporation. Method and apparatus for reproducing an information signal comprised of a video signal and audio signal. 4,542,418, 9-17-85, Cl. 360-19.100.

Yoneyama, Shinji: *See*—

Narishige, Eiichi; and Yoneyama, Shinji, 4,526,169, Cl. 128-303.00B.

Yoneyama, Takao: *See*—

Miura, Tatsuo; Ohta, Kazuhiro; Hasegawa, Yoshiharu; and Yoneyama, Takao, 4,531,980, Cl. 148-11.50C.

- Yoneyama, Takashi: *See—*
  - Ryoke, Katsumi; Yamaguchi, Nobutaka; Yoneyama, Takashi; and Tadokoro, Eiichi, 4,497,864, Cl. 428-323.000.
  - Ryoke, Katsumi; Masuyama, Kenichi; Yoneyama, Takashi; Nasu, Norio; and Tadokoro, Eiichi, 4,539,257, Cl. 428-323.000.
- Yoneyama, Tomio: *See—*
  - Imazeki, Shuji; Mukoo, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,507,221, Cl. 252-299.100.
  - Imazeki, Shuji; Mukoh, Akio; Sato, Mikio; Kaneko, Masaharu; Ozawa, Tetsuo; and Yoneyama, Tomio, 4,528,113, Cl. 252-299.100.
  - Kaneko, Masaharu; Ozawa, Tetsuo; Yoneyama, Tomio; Imazeki, Shuji; Mukoh, Akio; and Sato, Mikio, 4,493,532, Cl. 350-349.000.
- Yonezawa, Atsushi: *See—*
  - Nakamura, Ken; Nagai, Tadashi; Shioyama, Giichi; Matayoshi, Yutaka; Ohnishi, Eiichi; Yokoyama, Junichi; and Yonezawa, Atsushi, 4,517,134, Cl. 261-39.00A.
- Yonezawa, Kazuma; Tanda, Toshikuni; and Ishitobi, Hirotake, to Kawasaki Steel Corporation. Surface treatment of zinc alloy electroplated steel strips. 4,548,868, 10-22-85, Cl. 428-446.000.
- Yonezawa, Kazuya: *See—*
  - Iwakiri, Hiroshi; Asada, Masahiro; and Yonezawa, Kazuya, 4,552,947, Cl. 528-126.000.
  - Tomita, Haruo; and Yonezawa, Kazuya, 4,540,802, Cl. 549-557.000.
- Yonezawa, Keitaro; and Sirakawa, Tsutomu. Retracting clamp. 4,504,046, 3-12-85, Cl. 269-24.000.
- Yonezawa, Keitaro, to Aioi Seiki Kabushiki Kaisha. Retracting clamp. 4,506,871, 3-26-85, Cl. 269-24.000.
- Yonezawa, Keitaro, to Aioi Seiki Kabushiki Kaisha. Pneumatic-hydraulic driving device for the knockout mechanism associated with the slide of a press-machine. 4,524,660, 6-25-85, Cl. 83-639.000.
- Yonezawa, Keitaro, to Aioi Seiki Kabushiki Kaisha. Work-clamp pallet for machine tool. 4,557,371, 12-10-85, Cl. 198-803.010.
- Yonezawa, Masatomo: *See—*
  - Takahashi, Sadayuki; Yonezawa, Masatomo; Ochi, Atsushi; Yano, Takeshi; Hamatsuki, Takeshige; and Fukui, Izumu, 4,523,121, Cl. 310-334.000.
- Yonezawa, Seiji; Horikoshi, Tatsuo; and Tsuyoshi, Toshiaki, to Hitachi, Ltd. Optical information tracking apparatus. 4,504,937, 3-12-85, Cl. 369-44.000.
- Yonezawa, Seiji: *See—*
  - Horikoshi, Tatsuo; Yonezawa, Seiji; Tsuyoshi, Toshiaki; Tooyama, Hiroshi; and Otake, Masatoshi, 4,541,082, Cl. 369-44.000.
- Yonezawa, Taketoshi: *See—*
  - Kazufumi, Ogawa; Kondo, Shigeru; Yasuda, Yoshiko; Yonezawa, Taketoshi; and Kitahiro, Isamu, 4,523,102, Cl. 250-578.000.
- Yonezawa, Tatuo: *See—*
  - Kimura, Tetsuo; Fujii, Hirofumi; Yuasa, Hayami; and Yonezawa, Tatuo, 4,524,351, Cl. 340-629.000.
- Yonezawa, Toshio; Ajima, Takashi; Hiraki, Shunichi; Koshino, Yutaka; and Oka, Yoshitami, to Toyko Shibaura Electric Co., Ltd. Method of manufacturing a semiconductor device. 4,560,642, 12-24-85, Cl. 430-313.000.
- Yonezawa, Toshio; and Aoyama, Masaharu, to Tokyo Shibaura Denki Kabushiki Kaisha. Semiconductor device. 4,561,009, 12-24-85, Cl. 357-67.000.
- Yonezawa, Toshio: *See—*
  - Aoyama, Masaharu; Hiraki, Shunichi; and Yonezawa, Toshio, 4,507,673, Cl. 357-23.00R.
  - Aoyama, Masaharu; Abe, Masahiro; Ajima, Takashi; and Yonezawa, Toshio, 4,520,041, Cl. 427-88.000.
  - Hiraki, Shunichi; Kinoshita, Hiroshi; Kumamaru, Kuniaki; Koguchi, Shigeo; and Yonezawa, Toshio, 4,521,256, Cl. 148-1.500.
  - Hiraki, Shunichi; Kumamaru, Kuniaki; Koshino, Yutaka; and Yonezawa, Toshio, 4,542,400, Cl. 357-54.000.
  - Nakamura, Hatsuo; Kato, Tiharu; Yonezawa, Toshio; Koguchi, Shigeo; Mori, Kiyoto; and Igarashi, Masahiko, 4,525,523, Cl. 524-572.000.
- Yonezu, Ikuo: *See—*
  - Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, 4,510,759, Cl. 62-48.000.
  - Sakai, Takashi; Honda, Naojiro; and Yonezu, Ikuo, 4,548,044, Cl. 62-48.000.
- Yong Chul, Kim: *See—*
  - Hiroshi, Sakurai; and Yong Chul, Kim, 4,545,756, Cl. 425-590.000.
- Yong, Fui K. Electrical supervisory control and data acquisition system. 4,558,316, 12-10-85, Cl. 340-825.060.
- Yong, Raymond N.; and Sethi, Amar J., to Suncor, Inc. Destabilization of sludge with hydrolyzed dasheen starch flocculants. 4,502,960, 3-5-85, Cl. 210-728.000.
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- Yong, Raymond N.; and Sethi, Amar J., to Suncor, Inc. Process for making starch flocculants of improved efficiency. 4,508,627, 4-2-85, Cl. 210-728.000.
- Yong, Raymond N.; and Sethi, Amar J., to Suncor, Inc. Hydrolyzed dasheen starch flocculants. 4,560,416, 12-24-85, Cl. 127-33.000.
- Yong, Sam: *See—*
  - Huang, Victor T.; Colson, Cynthia A.; Yong, Sam; and Clemmings, John F., 4,542,035, Cl. 426-565.000.
- Yong, Thomas S.: *See—*
  - Schlitt, Steven C.; Yong, Thomas S.; Roche, William J.; and Anderson, John W., Jr., 4,495,440, Cl. 313-492.000.
- Yonishi, Satoshi: *See—*
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,493,794, Cl. 260-112.50R.
  - Kitaura, Yoshihiko; Nakaguchi, Osamu; Hemmi, Keiji; Yonishi, Satoshi; Takeno, Hidekazu; Okada, Satoshi; and Hashimoto, Masashi, 4,497,729, Cl. 260-112.50R.
- Yonker, John H., to Otis Engineering Corporation. Valve. 4,513,764, 4-30-85, Cl. 137-68.00R.
- Yonker, John H.; Williams, Charles R.; and Granhaug, Otto J. Valve. 4,530,485, 7-23-85, Cl. 251-93.000.
- Yonker, John H.: *See—*
  - Williams, Charles R.; Yonker, John H.; and Thurman, Robert L., 4,494,608, Cl. 166-317.000.
- Yonkers, E. Hubbard: *See—*
  - DeCloux, Richard J.; Loeffler, Herbert H.; MacConkey, James S.; and Yonkers, E. Hubbard, 4,496,147, Cl. 272-130.000.
- Yonkers, Edward H. Antiglare panel. 4,516,197, 5-7-85, Cl. 362-342.000.
- Yonkers, Edward H.: *See—*
  - McCreedy, Kathleen M.; Pawloski, James C.; Keskkula, Henno; and Yonkers, Edward H., 4,547,530, Cl. 521-139.000.
- Yonovich, John R.; Newton, William P.; and Dense, Brian S., to Caldwell Manufacturing Company. Vibration dampener for coil tension window balance spring. 4,540,070, 9-10-85, Cl. 188-380.000.
- Yonushonis, Celeste B.: *See—*
  - Felice, Frank T.; and Yonushonis, Celeste B., 4,510,253, Cl. 501-95.000.
- Yoo, Byung E. Boat. 4,522,601, 6-11-85, Cl. 440-11.000.
- Yoo, Byung E. Air ventilator. 4,523,434, 6-18-85, Cl. 62-116.000.
- Yoo, Hideo: *See—*
  - Suzuki, Kohji; Yoo, Hideo; and Takamiya, Yoshio, 4,502,780, Cl. 355-15.000.
- Yoo, Jin S.; and Radlowski, Cecelia A., to Atlantic Richfield Company. Preparative process for alkaline earth metal, aluminum-containing spinels and their use for reducing the sulfur oxide content of gases. 4,492,677, 1-8-85, Cl. 423-244.000.
- Yoo, Jin S.; and Radlowski, Cecelia A., to Atlantic Richfield Company. Preparative process for alkaline earth metal, aluminum-containing spinels and their use for reducing sulfur oxide content in gases. 4,492,678, 1-8-85, Cl. 423-244.000.
- Yoo, Jin S.; and Jaecker, John A., to Atlantic Richfield Company. Catalyst for conversion of hydrocarbons. 4,495,304, 1-22-85, Cl. 502-66.000.
- Yoo, Jin S.; and Jaecker, John A., to Atlantic Richfield Company. Catalyst for conversion of hydrocarbons. 4,495,305, 1-22-85, Cl. 502-65.000.
- Yoo, Jin S.; Karch, John A.; Poss, Richard F.; and Burk, Emmett H., Jr., to Atlantic Richfield Company. Preparative process for alkaline earth metal, aluminum-containing spinels. 4,522,937, 6-11-85, Cl. 502-302.000.
- Yoo, Sin Y. Aerodynamic bass-reflex enclosure. 4,512,434, 4-23-85, Cl. 181-146.000.
- Yoo, Young S.: *See—*
  - Salmon, John K.; and Yoo, Young S., 4,548,297, Cl. 187-20.000.
- Yoon, Han S.; and Son, Tae W., to Korea Advanced Institute of Science and Technology. Highly oriented aromatic polyamide short fiber. 4,511,623, 4-16-85, Cl. 428-359.000.
- Yoon, Hans S.; and Lee, Wha S., to Korea Advanced Institute of Science and Technology. Wholly aromatic or aliphatic aromatic block copolyamides and process therefor. 4,511,709, 4-16-85, Cl. 528-331.000.
- Yoon, Heeyoung, to Conco Inc. Alcohol dissociation reactor for motor vehicles. 4,519,342, 5-28-85, Cl. 123-3.000.
- Yoon, Hyun-Nam, to Celanese Corporation. Process for forming thermally stable thermotropic liquid crystalline polyesters of predetermined chain length. 4,539,386, 9-3-85, Cl. 528-183.000.
- Yoon, Hyun-Nam, to Celanese Corporation. Process for forming thermally stable thermotropic liquid crystalline polyesters of predetermined chain length utilizing aliphatic dicarboxylic acid. 4,562,244, 12-31-85, Cl. 528-190.000.
- Yoon, Inbae. Safety puncturing instrument and method. 4,535,773, 8-20-85, Cl. 604-51.000.
- Yoon, Inbae. Elastic ligating ring clip. 4,548,201, 10-22-85, Cl. 128-326.000.
- Yoon, Jong B. Head-band holder for eyeglasses. 4,549,793, 10-29-85, Cl. 351-156.000.
- Yoon, Kum-Dong: *See—*
  - Park, Young-Soon; and Yoon, Kum-Dong, 4,529,844, Cl. 179-84.0SS.
- Yoon, Yu T. Light collecting type of solar energy collecting system. 4,505,258, 3-19-85, Cl. 126-424.000.
- Yordanov, Nikolay V.: *See—*
  - Minchev, Pavel M.; Hristov, Hristomir D.; Balinov, Stoimen S.; Angelov, Mihail H.; and Yordanov, Nikolay V., 4,523,708, Cl. 228-37.000.
- Yorikane, Masaharu; and Ohseki, Noboru, to Nippon Electric Co., Ltd. Titanium coated aluminum leads. 4,556,897, 12-3-85, Cl. 357-71.000.
- Yorisue, Shozo: *See—*
  - Sawazaki, Masatoshi; and Yorisue, Shozo, 4,534,187, Cl. 66-120.000.
- Yorita, Mitsumasa: *See—*
  - Okumura, Mitsuhiro; Naya, Eizo; Yorita, Mitsumasa; and Takeya, Yasushi, 4,540,861, Cl. 200-144.00B.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,499,009, Cl. 252-512.000.

Yamanaka, Takashi; Takeya, Yasushi; Yorita, Mitsumasa; Horiuchi, Toshiaki; Inagaki, Kouichi; Naya, Eizo; Demizu, Michinosuke; and Okumura, Mitsuhiro, 4,537,743, Cl. 419-38.000.

Yorita, Tadahiro: *See—*

Nishikawa, Toshio; Ishikawa, Youhei; and Yorita, Tadahiro, 4,546,334, Cl. 333-206.000.

Nishikawa, Toshio; and Yorita, Tadahiro, 4,559,508, Cl. 333-202.000.

York, Billie M., Jr., to Alcon Laboratories, Inc. Method for lowering intraocular pressure using phenylimino-imidazoles. 4,517,199, 5-14-85, Cl. 514-392.000.

York, Billie M., Jr., to Alcon Laboratories, Inc. Spiro-tricyclicaromatic succinimide derivatives as inhibitors of aldose reductase. 4,537,892, 8-27-85, Cl. 514-278.000.

York, Billie M., Jr., to Alcon Laboratories, Inc. Treatment of diabetic complications with certain spiro-imidazolidine-diones. 4,540,700, 9-10-85, Cl. 514-278.000.

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Cavero, Icilio; Langer, Salomon Z.; and York, Billie M., Jr., 4,515,800, Cl. 514-392.000.

York, Donald M.: *See—*

Martin, Donald G.; and York, Donald M., 4,496,933, Cl. 338-55.000.

York, Earl D.; Johnson, David M.; and Miller, Paul B., to Standard Oil Company, The; and Gulf Oil Corporation. Shale oil stabilization with a hydroprocessor. 4,548,702, 10-22-85, Cl. 208-11.00R.

York Industries, Inc.: *See—*

Scerbo, Joseph E.; and Johnson, Roy B., 4,534,269, Cl. 91-41.000.

York, Norman N. Apparatus for removing tree stumps. 4,530,385, 7-23-85, Cl. 144-2.00N.

York, Paul W.: *See—*

Gutschmit, Alan; and York, Paul W., 4,537,048, Cl. 66-93.000.

York, Ray A.: *See—*

Sheng, Shih Y.; and York, Ray A., 4,525,695, Cl. 335-262.000.

York-Shipley, Inc.: *See—*

Korenberg, Jakob, 4,535,707, Cl. 110-245.000.

Korenberg, Jakob, 4,548,138, Cl. 110-245.000.

York, Theodore H., to Westinghouse Electric Corp. Coherent phase shift keyed demodulator with improved sampling apparatus and method. 4,514,697, 4-30-85, Cl. 329-104.000.

York, Theodore H., to Westinghouse Electric Corp. Coherent phase shift keyed demodulator for power line communication systems. 4,516,079, 5-7-85, Cl. 329-104.000.

Yorke, Monica A.: *See—*

Amjad, Zahid; and Yorke, Monica A., 4,510,059, Cl. 210-701.000.

Yorozu, Arthur S.: *See—*

Eggebrecht, John L.; Rogers, Harold D.; and Yorozu, Arthur S., 4,517,813, Cl. 62-284.000.

Yoshibayashi, Shigeru: *See—*

Shima, Ichiji; Yoshibayashi, Shigeru; and Taniguti, Ryosuke, 4,524,355, Cl. 340-870.130.

Yoshida, Akihiko: *See—*

Nishino, Atsushi; Yoshida, Akihiko; and Tanahashi, Ichiroh, 4,562,511, Cl. 361-324.000.

Yoshida, Akira: *See—*

Ozawa, Hidekiyo; Itoh, Mikio; and Yoshida, Akira, 4,491,935, Cl. 364-900.000.

Yoshida, Bunsaku: *See—*

Sato, Atsushige; Miura, Ishi; Kumei, Yasuhiro; Okuno, Osamu; Nakano, Tsuyoshi; and Yoshida, Bunsaku, 4,528,034, Cl. 75-255.000.

Yoshida, Eiichi: *See—*

Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,490,984, Cl. 62-49.000.

Hongo, Akira; Ueda, Hideki; Nakata, Issei; Yoshida, Eiichi; Aoki, Nobuyoshi; and Suzuki, Toshimitsu, 4,497,178, Cl. 62-55.000.

Nozaki, Hiromi; and Yoshida, Eiichi, 4,504,139, Cl. 355-14.00R.

Sasaki, Koji; Yoshida, Eiichi; and Sawaki, Akira, 4,544,263, Cl. 355-14.00E.

Yoshida, Fumio, to Kabushiki Kaisha Yamada Dobby. Command device for dobby. 4,542,770, 9-24-85, Cl. 139-68.000.

Yoshida, Hajime, to Hajime Industries Ltd. Defect inspection apparatus. 4,509,076, 4-2-85, Cl. 358-106.000.

Yoshida, Hajime, to Hajime Industries Ltd. Surface flaw inspection apparatus for a convex body. 4,555,635, 11-26-85, Cl. 250-572.000.

Yoshida, Haruo; Tagoshi, Hirotaka; Morohashi, Yasushi; and Tanikoshi, Toshiaki, to Showa Denko Kabushiki Kaisha; and Showa Highpolymer Co., Ltd. Biphenyloxy mono- and dimethacrylate polymerizable compositions. 4,518,756, 5-21-85, Cl. 526-313.000.

Yoshida, Hatsuyoshi; Fukutome, Michio; Ohuchi, Makoto; and Ohta, Jyun, to Kabushiki Kaisha Tokai Rika Denki Seisakusho; and Toyota Jidosha Kabushiki Kaisha. Pressure switch. 4,524,254, 6-18-85, Cl. 200-83.00R.

Yoshida, Hideaki; and Kubota, Hayato, to Fuji Oil Company, Limited. Process for producing cream cheese type food. 4,534,982, 8-13-85, Cl. 426-36.000.

Yoshida, Hideaki: *See—*

Morikawa, Masaki; Yoshida, Hideaki; and Kishida, Kunio, 4,525,434, Cl. 428-674.000.

Yoshida, Hideo: *See—*

Hashimoto, Shintaro; Morimoto, Masafumi; Nakanishi, Tosaku; Yoshida, Hideo; and Yanagiuchi, Shigenobu, 4,493,050, Cl. 364-900.000.

Kishi, Ikuo; and Yoshida, Hideo, 4,533,546, Cl. 424-81.000.

Yamada, Tosimichi; and Yoshida, Hideo, 4,531,450, Cl. 92-37.000.

Yoshida, Hirokazu: *See—*

Nakabu, Shigeo; Matsuda, Yuji; Yoshida, Hirokazu; Iwasaki, Masaru; Nukii, Takashi; and Awane, Katunobu, 4,544,989, Cl. 361-401.000.

Yoshida, Hiromichi: *See—*

Nakajima, Tadakatsu; Nakayama, Wataru; Daikoku, Takahiro; Kuwahara, Heikichi; Yasukawa, Akira; Kasuya, Katsuhiko; Yokoi, Kazuaki; Nakae, Hideo; and Yoshida, Hiromichi, 4,561,497, Cl. 165-133.000.

Yoshida, Hiroshi, to Yoshida Kogyo K.K. Slide fastener assembly. 4,490,889, 1-1-85, Cl. 24-427.000.

Yoshida, Hiroshi; Akashi, Shunji; and Matsuda, Yoshio, to Yoshida Kogyo K.K. Separable slide fastener. 4,490,890, 1-1-85, Cl. 24-434.000.

Yoshida, Hiroshi; Koike, Kengo; Shimano, Shizuo; Nakagawa, Taizo; and Ohmori, Kaoru, to Nippon Kayaku Kabushiki Kaisha. Derivatives of N,N'-substituted azolecarboxamide and agricultural and horticultural fungicidal or nematicidal composition containing same as active ingredients. 4,500,536, 2-19-85, Cl. 514-397.000.

Yoshida, Hiroshi; and Yamaguchi, Yoshiharu, to Yoshida Kogyo K.K. Slide fastener with a separator attached thereto. 4,505,009, 3-19-85, Cl. 24-433.000.

Yoshida, Hiroshi; Matsuda, Yoshio; and Komeya, Akira, to Yoshida Kogyo K.K. Slide fastener assembly. 4,510,656, 4-16-85, Cl. 24-390.000.

Yoshida, Hiroshi; Akashi, Shunji; and Kuse, Kazuki, to Yoshida Kogyo K.K. Method and apparatus for applying reinforcing pieces to slide fastener chain. 4,516,304, 5-14-85, Cl. 29-408.000.

Yoshida, Hiroshi; and Niida, Sadao, to UBE Industries, Ltd. Process for preparing 2-alkyl-4-amino-5-aminomethylpyrimidine. 4,536,577, 8-20-85, Cl. 544-326.000.

Yoshida, Hiroshi, to Yoshida Kogyo K.K. Separable slide fastener. 4,539,733, 9-10-85, Cl. 24-396.000.

Yoshida, Hiroshi; Matsuda, Yoshio; and Akashi, Shunji, to Yoshida Kogyo K.K. Method of attaching a separable slide fastener to knit fabrics. 4,543,805, 10-1-85, Cl. 66-148.000.

Yoshida, Hiroshi; and Murasaki, Ryuichi, to Yoshida Kogyo K.K. Apparatus for producing hooks on loop-and-hook fasteners. 4,548,116, 10-22-85, Cl. 83-444.000.

Yoshida, Hiroshi: *See—*

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; and Inoue, Teruhiko, 4,492,792, Cl. 544-326.000.

Fujii, Kozo; Nishihira, Keigo; Sawada, Hiroyuki; Tanaka, Shuji; Nakai, Mamoru; Yoshida, Hiroshi; Inoue, Teruhiko; and Oomori, Kiyosi, 4,539,403, Cl. 544-326.000.

Yoshida, Hisayoshi; Ogawa, Ichitaro; Hagio, Tsuyoshi; Kobayashi, Kazuo; and Yamamoto, Takayoshi, to Director-General of the Agency of Industrial Science and Technology. Silicon carbide-boron carbide carbonaceous body. 4,518,702, 5-21-85, Cl. 501-90.000.

Yoshida, Hitoshi; Atsumi, Morihiro; Ito, Nobuei; and Atsumi, Kinya, to Nippondenso Co., Ltd.; and Nippon Soken, Inc. Ceramic heater device. 4,499,366, 2-12-85, Cl. 219-270.000.

Yoshida, Hitoshi; Tomita, Masahiro; and Takagi, Shigeru, to Nippon Soken, Inc. Exhaust gas cleaning device for internal combustion engine. 4,535,589, 8-20-85, Cl. 60-303.000.

Yoshida, Hitoshi: *See—*

Atsumi, Morihiro; Yoshida, Hitoshi; Ito, Nobuei; and Atsumi, Kinya, 4,556,780, Cl. 219-270.000.

Yoshida Industry Co., Ltd.: *See—*

Hatakeyama, Yoshiharu; and Teshima, Kenzo, 4,495,125, Cl. 264-132.000.

Hatakeyama, Yoshiharu; Ishikawa, Tatsuo; and Teshima, Kenzo, 4,518,554, Cl. 264-262.000.

Hatakeyama, Yoshiharu; and Minosawa, Yoshio, 4,553,679, Cl. 215-232.000.

Ishikawa, Tatsuo; and Hatakeyama, Yoshiharu, 4,496,513, Cl. 264-267.000.

Sugiyama, Takashi, 4,505,607, Cl. 401-78.000.

Yamazaki, Shogo, 4,516,171, Cl. 358-214.000.

Yoshida, Isamu: *See—*

Iwasa, Susumu; Yoshida, Isamu; and Kondo, Koichi, 4,517,290, Cl. 435-7.000.

Kondo, Koichi; Iwasa, Susumu; and Yoshida, Isamu, 4,496,658, Cl. 436-510.000.

Yoshida, Isao; Okabe, Takeaki; Katsueda, Mineo; Nagata, Minoru; Masuhara, Toshiaki; Ashikawa, Kazutoshi; Kato, Hideaki; Ito, Mitsuo; Ohtaka, Shigeo; Minato, Osamu; and Sakai, Yoshio, to Hitachi, Ltd. DMOS With gate protection diode formed over base region. 4,492,974, 1-8-85, Cl. 357-23.000.

Yoshida, Iwao; Kasanami, Takeo; and Miura, Shuji, to Sanwa Kako Company Limited. Electroconductive cross-linked polyolefin foam and method for manufacture thereof. 4,519,963, 5-28-85, Cl. 264-45.300.

Yoshida, Jituo; Okuyama, Shigeaki; and Suzuki, Hiroshi, to Kubota, Ltd. Fruit harvesting apparatus with television camera and monitor. 4,519,193, 5-28-85, Cl. 56-328.00R.

Yoshida, Junichi: *See—*

Kato, Akifumi; Yoshida, Junichi; and Yamamoto, Ryoichi, 4,525,547, Cl. 526-68.000.

Yoshida, Junko: *See—*

Kondo, Yasumitsu; Shomura, Takashi; Yoshida, Junko; Okano, Kazuo; Sezaki, Masaji; and Itoh, Tatsuo, 4,548,816, Cl. 424-116.000.

- Yoshida, Kaichiro; and Ueda, Yutaka, to Murata Kikai Kabushiki Kaisha. Dobby. 4,527,597, 7-9-85, Cl. 139-68.000.
- Yoshida, Kasumi; Uchiki, Hideo; and Kuroishi, Tadafumi, to Hitachi, Ltd. Method for continuous flow analysis of liquid sample. 4,520,108, 5-28-85, Cl. 436-52.000.
- Yoshida, Kazuhiro, to Konishiroku Photo Industry Co., Ltd. Direct-positive silver halide photographic material. 4,495,274, 1-22-85, Cl. 430-523.000.
- Yoshida, Kazuhiro: *See—*
  - Hibino, Takashi; Naruse, Nobutaka; and Yoshida, Kazuhiro, 4,505,130, Cl. 62-347.000.
- Yoshida, Kazumasa: *See—*
  - Nagamine, Akio; Hayashi, Akira; Yoshida, Kazumasa; and Miyasaka, Kojiro, 4,500,614, Cl. 429-206.000.
- Yoshida, Kazunori: *See—*
  - Mimura, Nobuharu; Yoshida, Kazunori; Kawabata, Susumu; and Hasegawa, Junzo, 4,516,611, Cl. 139-452.000.
- Yoshida, Kazutoshi: *See—*
  - Toyooka, Takashi; Yoshida, Kazutoshi; Ishida, Kazuhiro; Okahashi, Tatsuo; Aoki, Hirokazu; Suzuki, Ryo; and Sugita, Yutaka, 4,550,388, Cl. 365-6.000.
  - Yano, Ryuji; Chiba, Shinsaku; Yoshida, Kazutoshi; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,498,153, Cl. 365-10.000.
- Yoshida, Kazuya: *See—*
  - Hasegawa, Mineo; Yoshida, Kazuya; Miyauchi, Sakae; and Terazono, Masami, 4,504,583, Cl. 435-206.000.
- Yoshida, Kei; Murokawa, Masayuki; and Nomura, Toshiaki, to Chikura Kogyo Kabushiki Kaisha. Automatic door operator for swing doors. 4,501,090, 2-26-85, Cl. 49-264.000.
- Yoshida, Kei; and Saotome, Yoichiro, to Chikura Kogyo Kabushiki Kaisha. Door swinging device for automatically swinging doors. 4,551,946, 11-12-85, Cl. 49-340.000.
- Yoshida, Keiichiro. Method of and apparatus for forming long metal tubing stock to tapered shape. 4,498,321, 2-12-85, Cl. 72-76.000.
- Yoshida, Keiichiro. Hot working method and apparatus in the swaging working technology. 4,523,445, 6-18-85, Cl. 72-69.000.
- Yoshida, Ken: *See—*
  - Nishizaki, Tomoyoshi; Miyamoto, Minoru; Miyamoto, Kazuaki; Yoshida, Ken; Yamaji, Katsuhiko; and Nakata, Yasushi, 4,523,635, Cl. 165-104.120.
- Yoshida, Kenichi; Ono, Kimizo; and Iwamoto, Tomio, to Sumitomo Electric Industries, Ltd. Optical connector system. 4,494,823, 1-22-85, Cl. 350-96.220.
- Yoshida, Kenichi, to Nissan Motor Company, Limited. Gas turbine engine control system. 4,545,198, 10-8-85, Cl. 60-39.250.
- Yoshida, Kenichi; Yokohara, Takashi; Ono, Kimizo; Nishiwaki, Yoshikazu; and Tsuno, Koichi, to Sumitomo Electric Industries, Ltd. Optical fiber gyro. 4,547,072, 10-15-85, Cl. 356-350.000.
- Yoshida, Kenichi: *See—*
  - Kita, Yasuo; Moriya, Michio; and Yoshida, Kenichi, 4,512,615, Cl. 303-97.000.
  - Shiga, Tetsuya; Okawa, Shinichi; Yoshida, Kenichi; and Hiramoto, Junichi, 4,517,982, Cl. 128-635.000.
- Yoshida, Kenji, to Takeda Riken Co., Ltd. Delay pulse generating circuit. 4,504,749, 3-12-85, Cl. 307-590.000.
- Yoshida, Kenji; Nakazawa, Makoto; Shike, Toyohiko; Tomida, Masayuki; Tsuda, Masataka; and Teraoka, Toru, to Mitsubishi Chemical Industries Limited. Thiazolidine compound and fungicidal composition containing it. 4,510,154, 4-9-85, Cl. 514-365.000.
- Yoshida, Kenji; and Sanada, Yuichi, to Nissan Motor Company, Limited. Rack and pinion type steering device. 4,522,419, 6-11-85, Cl. 280-96.000.
- Yoshida, Kenji; and Sanada, Yuichi, to Nissan Motor Company, Limited. Cylinder apparatus for rack and pinion type power steering mechanism of motor vehicle. 4,527,465, 7-9-85, Cl. 92-136.000.
- Yoshida, Kiyokazu: *See—*
  - Nemoto, Michio; Yoshida, Kiyokazu; and Baba, Tetsuro, 4,516,101, Cl. 335-208.000.
- Yoshida, Kobun, to Pioneer Electronic Corporation. Cassette tape recorder. 4,513,336, 4-23-85, Cl. 360-105.000.
- Yoshida, Kobun, to Pioneer Electronic Corporation. Autostop mechanism for tape recorder. 4,520,412, 5-28-85, Cl. 360-96.100.
- Yoshida Kogyo K.K.: *See—*
  - Akashi, Shunji, 4,528,731, Cl. 24-383.000.
  - Asahi, Sadaho, 4,510,655, Cl. 24-382.000.
  - Boser, Ronald J., 4,497,270, Cl. 112-265.200.
  - Boser, Ronald J.; and Martin, Michael T., 4,541,352, Cl. 112-265.200.
  - Chijiishi, Toshio; Matoba, Hiroshi; Nakamura, Kazuo; and Higuchi, Toshiaki, 4,505,659, Cl. 425-121.000.
  - Fisher, Harry M.; and Fisher, Stuart N., 4,495,686, Cl. 29-409.000.
  - Fisher, Harry M.; and Fisher, Stuart N., 4,545,118, Cl. 29-768.000.
  - Fukuroi, Takeo; Omori, Shigenori; and Tanaka, Akira, 4,494,922, Cl. 425-324.100.
  - Fukuroi, Takeo, 4,513,482, Cl. 24-384.000.
  - Gartner, Karl, 4,523,518, Cl. 98-31.000.
  - Gartner, Karl, 4,523,716, Cl. 237-56.000.
  - Gartner, Karl, 4,525,962, Cl. 52-235.000.
  - Gartner, Karl, 4,525,963, Cl. 52-235.000.
  - Gartner, Karl, 4,531,332, Cl. 52-58.000.
  - Gartner, Karl, 4,531,336, Cl. 52-209.000.
  - Gartner, Karl, 4,531,550, Cl. 138-89.000.
  - Gartner, Karl, 4,532,746, Cl. 52-276.000.
  - Gartner, Karl, 4,535,833, Cl. 165-53.000.
  - Gartner, Karl, 4,537,000, Cl. 52-235.000.
  - Gartner, Karl, 4,546,582, Cl. 52-235 000.
  - Gartner, Karl, 4,561,225, Cl. 52-220.000.
  - Horita, Yoshiyuki, 4,543,226, Cl. 264-230.000.
  - Hosooka, Shuuichi; Imai, Tetsuji; and Hori, Haruo, 4,497,103, Cl. 29-418.000.
  - Iai, Kenichiro, 4,550,477, Cl. 29-33.200.
  - Inamura, Akio, 4,502,190, Cl. 24-389.000.
  - Inamura, Akio, 4,524,493, Cl. 24-389.000.
  - Ishii, Susumu, 4,525,903, Cl. 24-429.000.
  - Ito, Masahiko; and Ogihara, Toru, 4,541,154, Cl. 24-442.000.
  - Jeffrey, Peter, 4,520,885, Cl. 177-210.00C.
  - Kaminaga, Hiromitsu; and Kondo, Hiroshi, 4,543,756, Cl. 52-284.000.
  - Kaminaga, Hiromitsu, 4,557,088, Cl. 52-235.000.
  - Kaminaga, Hiromitsu, 4,561,228, Cl. 52-235.000.
  - Kasai, Kazumi, 4,513,483, Cl. 24-409.000.
  - Kasai, Kazumi, 4,520,535, Cl. 24-410.000.
  - Kawakami, Koichi, 4,494,293, Cl. 29-408.000.
  - Matsuda, Yoshio, 4,498,316, Cl. 66-196.000.
  - Matsuda, Yoshio, 4,502,302, Cl. 66-193.000.
  - Matsumoto, Masao; and Imai, Shigeru, 4,510,662, Cl. 29-408.000.
  - Mizuhara, Hisayoshi; Omori, Shigenori; and Tanaka, Akira, 4,501,547, Cl. 425-391.000.
  - Morita, Toyoo; and Horikawa, Yoichi, 4,520,544, Cl. 29-408.000.
  - Morita, Toyoo, 4,561,161, Cl. 29-408.000.
  - Murakami, Shoetsu, 4,536,923, Cl. 24-433.000.
  - Nakagawa, Toshiaki, 4,520,560, Cl. 29-708.000.
  - Nishikawa, Kiyotada, 4,512,064, Cl. 24-429.000.
  - Nogai, Akira, 4,492,547, Cl. 425-111.000.
  - Oda, Kiyoshi, 4,521,942, Cl. 24-419.000.
  - Ofusa, Masaatsu, 4,498,503, Cl. 139-116.000.
  - Ofusa, Masaatsu, 4,561,474, Cl. 139-384.00B.
  - Seki, Fumio, 4,493,448, Cl. 227-119.000.
  - Takahashi, Kihei, 4,510,658, Cl. 29-33.200.
  - Takahashi, Kihei; and Sassa, Yusei, 4,520,559, Cl. 29-766.000.
  - Toishi, Yoshiyuki, 4,494,292, Cl. 29-408.000.
  - Toishi, Yoshiyuki, 4,549,348, Cl. 29-767.000.
  - Tsubata, Noritaka, 4,498,502, Cl. 139-35.000.
  - Umino, Mitsugu, 4,495,695, Cl. 29-767.000.
  - Watanabe, Kozo, 4,540,619, Cl. 428-192.000.
  - Yamada, Yasuo, 4,546,935, Cl. 242-170.000.
  - Yokoe, Kazuo; and Sekine, Yukio, 4,526,567, Cl. 493-381.000.
  - Yoshida, Hiroshi, 4,490,889, Cl. 24-427.000.
  - Yoshida, Hiroshi; Akashi, Shunji; and Matsuda, Yoshio, 4,490,890, Cl. 24-434.000.
  - Yoshida, Hiroshi; and Yamaguchi, Yoshiharu, 4,505,009, Cl. 24-433.000.
  - Yoshida, Hiroshi; Matsuda, Yoshio; and Komeya, Akira, 4,510,656, Cl. 24-390.000.
  - Yoshida, Hiroshi; Akashi, Shunji; and Kuse, Kazuki, 4,516,304, Cl. 29-408.000.
  - Yoshida, Hiroshi, 4,539,733, Cl. 24-396.000.
  - Yoshida, Hiroshi; Matsuda, Yoshio; and Akashi, Shunji, 4,543,805, Cl. 66-148.000.
  - Yoshida, Hiroshi; and Murasaki, Ryuichi, 4,548,116, Cl. 83-444.000.
  - Yoshida, Yukio; and Oono, Kenzo, 4,529,920, Cl. 318-466.000.
  - Yoshikawa, Kiichi, 4,505,008, Cl. 24-401.000.
  - Yunoki, Akio, 4,524,659, Cl. 83-80.000.
- Yoshida, Koichi; Hirayama, Yoshio; Oka, Yasuo; and Kajiyama, Takashi, to Nippon Light Metal Company Ltd. Process of producing aluminum substrate for magnetic recording media. 4,507,179, 3-26-85, Cl. 204-58.000.
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- Yoshida, Koichi: *See—*
  - Miyashita, Teruo; and Yoshida, Koichi, 4,510,030, Cl. 204-147.000.
- Yoshida, Kokichi; Niinobe, Takao; and Baba, Takashi, to Takeda Chemical Industries, Ltd. Production of p-aminobenzoylglutamic acid by electrochemical reduction. 4,505,788, 3-19-85, Cl. 204-74.000.
- Yoshida, Kozaburo: *See—*
  - Kobayashi, Waichi; Yoshida, Kozaburo; and Igarashi, Hideaki, 4,545,975, Cl. 423-636.000.
- Yoshida, Kunihiko: *See—*
  - Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,492,850, Cl. 219-145.210.
  - Yasuda, Haruo; Yoshida, Kunihiko; Iwai, Yasuro; and Mizutani, Takayuki, 4,555,615, Cl. 219-145.210.
- Yoshida, Kunio, to Sharp Kabushiki Kaisha. Symbol input device for use in electronic translator. 4,498,149, 2-5-85, Cl. 364-900.000.
- Yoshida, Kunio, to Sharp Kabushiki Kaisha. Language translator with random generation of test words during learning mode. 4,509,137, 4-2-85, Cl. 364-900.000.
- Yoshida, Makoto; and Hirakawa, Tadashi, to Teijin Limited. Synthetic polyester pulp and process for preparing same. 4,529,481, 7-16-85, Cl. 162-157.300.
- Yoshida, Makoto: *See—*
  - Hirakawa, Tadashi; and Yoshida, Makoto, 4,501,641, Cl. 162-164.300.
  - Yamamoto, Tamio; Kobayashi, Tsukasa; Hirakawa, Tadashi; Yoshida, Makoto; and Okumura, Masumi, 4,496,583, Cl. 428-288.000.

- Yoshida, Mamoru; Yokoo, Hidejiro; and Shirai, Ei, to Showa Denko Kabushiki Kaisha. Powdered or granular solid pesticide composition. 4,496,585, 1-29-85, Cl. 514-514.000.
- Yoshida, Mamoru: *See—*
    - Kakinuma, Hiroaki; Yoshida, Mamoru; and Nishikawa, Satoshi, 4,533,564, Cl. 427-39.000.
- Yoshida, Masaaki, to Canon Kabushiki Kaisha. Flash device. 4,512,644, 4-23-85, Cl. 354-149.100.
- Yoshida, Masaaki: *See—*
    - Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, 4,512,281, Cl. 118-627.000.
    - Yamanishi, Toru; Tsuneishi, Katsuyuki; and Yoshida, Masaaki, 4,539,219, Cl. 427-32.000.
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- Yoshida, Masahiro; and Nakagawa, Kenji, to Hoya Corporation. High strength glass-ceramic containing apatite and alkaline earth metal silicate crystals and process for producing the same. 4,560,666, 12-24-85, Cl. 501-5.000.
- Yoshida, Masakazu: *See—*
    - Kawai, Hisasi; Ina, Toshikazu; Igashira, Toshihiko; Nomura, Ken; Yoshida, Masakazu; Komoda, Takao; and Hamanishi, Makio, 4,522,177, Cl. 123-478.000.
- Yoshida, Masanobu, to Fujitsu Limited. Electrically programmable non-volatile semiconductor memory device. 4,543,647, 9-24-85, Cl. 365-201.000.
- Yoshida, Masanobu: *See—*
    - Higuchi, Mitsuo; and Yoshida, Masanobu, 4,527,077, Cl. 307-443.000.
- Yoshida, Masaru, to Citizen Watch Co., Ltd. Electronic timepiece with system for synchronizing hands. 4,536,093, 8-20-85, Cl. 368-187.000.
- Yoshida, Masashi; Katohno, Noboru; Yokota, Hajime; and Okayama, Masao, to Hitachi, Ltd. Reel drive system of magnetic recording and reproducing apparatus. 4,499,512, 2-12-85, Cl. 360-90.000.
- Yoshida, Masashi: *See—*
    - Matsuno, Jyunichi; Kawauchi, Masataka; and Yoshida, Masashi, 4,562,443, Cl. 346-76.0PH.
- Yoshida, Masatoshi; and Miyadera, Yasuo, to Hitachi Chemical Company, Ltd. Process for producing a polyimide solution. 4,511,681, 4-16-85, Cl. 523-310.000.
- Yoshida, Masazumi: *See—*
    - Kawamura, Takao; and Yoshida, Masazumi, 4,491,626, Cl. 430-69.000.
- Yoshida, Masumi; and Masui, Takeshi, to Fujitsu Limited. Character recognition process and apparatus. 4,561,106, 12-24-85, Cl. 382-49.000.
- Yoshida, Mikihiko: *See—*
    - Miyake, Toshio; Yoshida, Mikihiko; and Takeuchi, Kano, 4,518,581, Cl. 424-48.000.
- Yoshida, Minoru: *See—*
    - Suzuki, Atsushi; Yamada, Hiromichi; Uchida, Yoko; Kohno, Hideki; and Yoshida, Minoru, 4,492,869, Cl. 250-367.000.
- Yoshida, Mistuo: *See—*
    - Matsuda, Toshihiko; Takashi, Morihiko; and Yoshida, Mistuo, 4,507,693, Cl. 360-72.200.
- Yoshida, Mitsuaki; Sugano, Haruo; Shimizu, Fumio; and Imagawa, Kenichi, to Japanese Foundation for Cancer Research; and Otsuka Pharmaceutical Co., Ltd. Human leukemia virus-related peptides, antibodies of the peptides and a process for production of the antibodies. 4,525,300, 6-25-85, Cl. 260-112.50R.
- Yoshida, Mitsuo; and Shiroki, Hiroyuki, to Asahi Kasei Kogyo Kabushiki Kaisha. Hydrogen-evolution electrode. 4,496,453, 1-29-85, Cl. 204-290.00R.
- Yoshida, Mitsuo; Matsucka, Hiroyoshi; and Munekuni, Hajime, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for electrolysis of aqueous alkali metal chloride solution. 4,526,663, 7-2-85, Cl. 204-98.000.
- Yoshida, Motoaki: *See—*
    - Funaki, Masaaki; Ohtani, Noboru; Yoshida, Motoaki; Fujioka, Akira; and Sakiyama, Kazuo, 4,522,966, Cl. 524-114.000.
    - Ohtsuka, Yasuji; Koike, Yasuhiro; and Yoshida, Motoaki, 4,521,351, Cl. 264-1.500.
- Yoshida, Muneo; and Tamura, Yoshitomo, to Asahi Kasei Kogyo Kabushiki Kaisha. Electrolytic cell with ion exchange membrane. 4,557,816, 12-10-85, Cl. 204-255.000.
- Yoshida, Naoki: *See—*
    - Morikawa, Tatsumi; Osawa, Yoshio; Kawakami, Takao; and Yoshida, Naoki, 4,548,128, Cl. 98-115.300.
- Yoshida, Noboru: *See—*
    - Ariki, Yusaku; Hino, Takio; and Yoshida, Noboru, 4,507,514, Cl. 570-262.000.
    - Ishizumi, Kikuo; Muramatsu, Michihisa; Sato, Hiromi; Tanno, Norihiko; and Yoshida, Noboru, 4,545,936, Cl. 260-377.000.
- Yoshida, Nobuaki: *See—*
    - Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Mori, Yoshio, 4,527,189, Cl. 358-29.000.
    - Ooi, Kazushige; Fujiwara, Shigekazu; Yoshida, Nobuaki; and Sukegawa, Tsuneo, 4,554,587, Cl. 358-228.000.
- Yoshida, Nobuyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Microprogram control system. 4,532,585, 7-30-85, Cl. 364-200.000.
- Yoshida, Nobuyuki: *See—*
    - Takao, Hiroyoshi; Yamamoto, Keisaku; Imai, Akio; Yoshida, Nobuyuki; Furukawa, Hiroshi; Saito, Yuichi; and Okumura, Akio, 4,537,936, Cl. 525-236.000.
    - Yamamoto, Keisaku; Yoshida, Nobuyuki; Okamoto, Yasushi; Imai, Akio; Seki, Tomoaki; Furukawa, Hiroshi; and Saito, Yuichi, 4,523,618, Cl. 152-209.00R.
- Yoshida, Norimasa: *See—*
    - Handa, Ryoji; Hosoda, Jun; and Yoshida, Norimasa, 4,535,131, Cl. 525-369.000.
- Yoshida, Okio: *See—*
    - Harada, Nozomu; and Yoshida, Okio, 4,535,363, Cl. 358-213.000.
    - Harada, Nozomu; Endo, Yukio; Yoshida, Okio; and Matsunaga, Yoshiyuki, 4,543,489, Cl. 250-578.000.
    - Harada, Nozomu; and Yoshida, Okio, 4,543,601, Cl. 358-213.000.
- Yoshida, Robert A., to Syva Company. Compositions for competitive protein binding assays inhibiting non-specific interference. 4,508,892, 4-2-85, Cl. 536-51.000.
- Yoshida, Ryo, to Daihatsu Motor Company Limited. Lockup control device for a torque converter. 4,510,747, 4-16-85, Cl. 60-343.000.
- Yoshida, Ryo: *See—*
    - Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,540,824, Cl. 568-45.000.
    - Konishi, Hiroyuki; Hino, Naganori; Matsumoto, Hiroshi; and Yoshida, Ryo, 4,545,812, Cl. 71-103.000.
    - Nakayama, Koji; Yoshida, Ryo; and Matsumoto, Hiroshi, 4,508,562, Cl. 71-94.000.
- Yoshida, Ryohei: *See—*
    - Kimura, Masahiro; Hayashi, Yoshitaka; and Yoshida, Ryohei, 4,545,537, Cl. 241-36.000.
- Yoshida, Saburo: *See—*
    - Kojima, Akira; Yoshida, Saburo; Yamada, Yoshio; Shioda, Seiji; and Isoshima, Kazumi, 4,547,423, Cl. 428-315.500.
- Yoshida, Seietsu: *See—*
    - Kawai, Yukio; Ogawa, Toshihisa; and Yoshida, Seietsu, 4,492,199, Cl. 123-440.000.
    - Niimi, Yukihide; Yoshida, Seietsu; and Ohnaka, Hidemi, 4,501,242, Cl. 123-440.000.
- Yoshida, Seiichi; and Takeuchi, Shigekazu, to Kuraflex Co., Ltd. Non-woven fabric and process for producing thereof. 4,542,060, 9-17-85, Cl. 428-287.000.
- Yoshida, Seiki, to Toyota Jidosha Kabushiki Kaisha. Truck apparatus for conveying parts. 4,553,896, 11-19-85, Cl. 414-495.000.
- Yoshida, Shigemasa; and Araki, Ichiro, to Computer Basic Technology Research Association. Magnetic head moving velocity detector. 4,510,537, 4-9-85, Cl. 360-78.000.
- Yoshida, Shigeru; Koseki, Minoru; and Horie, Masakatsu, to Fujitsu Limited. System for decoding compressed data. 4,492,983, 1-8-85, Cl. 358-260.000.
- Yoshida, Shigeru, to Aisan Industry Co., Ltd. Fuel evaporation preventing device. 4,507,132, 3-26-85, Cl. 55-320.000.
- Yoshida, Shigeru; Shiraishi, Norihisa; Asakawa, Chosei; and Sakaguchi, Morohira, to Kawasaki Steel Corporation. Rotary hearth finish annealing furnace. 4,544,142, 10-1-85, Cl. 266-252.000.
- Yoshida, Shiro: *See—*
    - Kageyama, Minoru; Hirose, Takeo; Matsui, Tadao; Ogino, Hiroshi; Yoshida, Shiro; and Suzuki, Takayuki, 4,541,371, Cl. 123-65.0PE.
- Yoshida, Shohei; and Vogl, Otto, to Asahi Glass Company Ltd. Benzotriazole compound and homopolymer or copolymers thereof. 4,508,882, 4-2-85, Cl. 526-259.000.
- Yoshida, Shohei: *See—*
    - Takeuchi, Tatsuro; Yoshida, Shohei; and Kawai, Kazuhiro, 4,519,959, Cl. 261-93.000.
- Yoshida, Shuji: *See—*
    - Matsumoto, Takeshi; Yoshida, Shuji; and Shikimi, Katsuji, 4,506,757, Cl. 180-294.000.
- Yoshida, Shun: *See—*
    - Fukui, Yoshihiro; Tuchiya, Isamu; and Yoshida, Shun, 4,534,812, Cl. 156-132.000.
- Yoshida, Shusuke; Nakajima, Tamotsu; and Okamoto, Miyoshi, to Toray Industries, Inc. Chenille woven or knitted fabric and process for producing the same. 4,517,715, 5-21-85, Cl. 28-144.000.
- Yoshida, Susumu: *See—*
    - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,491,918, Cl. 364-424.000.
    - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,499,541, Cl. 364-424.000.
    - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,509,127, Cl. 364-478.000.
    - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,517,645, Cl. 364-424.000.
    - Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, 4,520,443, Cl. 364-424.000.
- Yoshida, Tadao, to Sony Corporation. Servo circuit for a motor for reproducing a PCM audio disk. 4,500,982, 2-19-85, Cl. 369-50.000.
- Yoshida, Tadao: *See—*
    - Higashihara, Teruaki; Nonaka, Chiaki; Yoshida, Tadao; and Kawachi, Hideo, 4,519,057, Cl. 369-50.000.
    - Higashihara, Teruaki; Yoshida, Tadao; Kawachi, Hideo; and Nonaka, Chiaki, 4,530,073, Cl. 369-50.000.
- Yoshida, Tadashi, to Canon Kabushiki Kaisha. Image forming apparatus. 4,554,592, 11-19-85, Cl. 358-257.000.
- Yoshida, Tadashi: *See—*
    - Obata, Keigo; Dohi, Nobuyasu; Okuhama, Yoshiaki; Masaki, Seishi; Okada, Yukiyoshi; and Yoshida, Tadashi, 4,555,314, Cl. 204-44.400.
    - Yokomizo, Yoshikazu; Shibata, Takehiko; Shimizu, Katsuichi; Miyagi, Ken; Suzuki, Akira; Yoshida, Tadashi; Tsukata, Masaharu; Murakami, Koichi; and Nagashima, Nao, 4,517,606, Cl. 358-280.000.

Yoshida, Tadayuki, to Sankyo Yuki Kabushiki Kaisha; and Arai Shoji Kabushiki Kaisha. Method of treatment for separation of oil from oil-containing slurry waste. 4,555,345, 11-26-85, Cl. 210-705.000.

Yoshida, Takao, to Casio Computer Co., Ltd. Electronic fightiag sport game apparatus. 4,491,324, 1-1-85, Cl. 273-85.00G.

Yoshida, Takao, to Honda Giken Kogyo Kabushiki Kaisha. Hydraulic master cylinder for a motorcycle, or the like. 4,501,340, 2-26-85, Cl. 180-219.000.

Yoshida, Takao, to Terumo Kabushiki Kaisha. Medical containers. 4,507,123, 3-26-85, Cl. 604-408.000.

Yoshida, Takao: *See—*
- Hall, John B.; and Yoshida, Takao, 4,520,032, Cl. 426-3.000.
- Hall, John B.; and Yoshida, Takao, 4,535,192, Cl. 568-819.000.
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- Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,517,385, Cl. 568-386.000.
- Light, Kenneth K.; Schreiber, William L.; McGhie, Joseph A.; Schreck, Ronald P.; Yoshida, Takao; Schreiber, Loren B.; and Muralidhara, Ranya, 4,547,594, Cl. 568-392.000.
- Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,506,104, Cl. 568-820.000.
- Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,510,340, Cl. 568-884.000.
- Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,533,491, Cl. 252-522.00R.
- Mookherjee, Braja D.; Trenkle, Robert W.; Wolff, Robin K.; Boden, Richard M.; and Yoshida, Takao, 4,549,971, Cl. 252-8.600.

Yoshida, Takashi; Fujie, Masakatsu; Matsuno, Junichi; and Ouchi, Hideyuki, to Hitachi, Ltd. Recording method in a facsimile receiver. 4,521,813, 6-4-85, Cl. 358-296.000.

Yoshida, Takashi: *See—*
- Mita, Kikuo; Oyama, Masayuki; Yoshida, Takashi; Nakashima, Masato; Fujihara, Katsumi; and Nakakuki, Tadao, 4,547,895, Cl. 382-8.000.

Yoshida, Takayoshi: *See—*
- Tsuge, Hisanao; and Yoshida, Takayoshi, 4,548,834, Cl. 427-63.000.

Yoshida, Takehiko: *See—*
- Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, 4,504,554, Cl. 428-683.000.

Yoshida, Takeshi: *See—*
- Yamaguchi, Hitohisa; Fuse, Kenichiro; and Yoshida, Takeshi, 4,516,650, Cl. 180-68.300.

Yoshida, Takumori; Yamada, Akira; and Shinmura, Sadayuki. Intake control system of engine. 4,528,958, 7-16-85, Cl. 123-442.000.

Yoshida, Takumori; Yamada, Akira; and Shinmura, Sadayuki, to Yamaha Hatsudoki Kabushiki Kaisha. Intake system for multi-intake valve type engine. 4,550,700, 11-5-85, Cl. 123-432.000.

Yoshida, Tatsuo; Fukuda, Kikuo; and Tomiguchi, Akihiko, to Shinko Kosen Kogyo Kabushiki Kaisha. Wire rope. 4,509,319, 4-9-85, Cl. 57-218.000.

Yoshida, Tatsuya; and Katada, Hirosi, to Hitachi, Ltd. Electronic ignition control system. 4,552,110, 11-12-85, Cl. 123-416.000.

Yoshida, Tatsuya: *See—*
- Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, 4,506,646, Cl. 123-501.000.
- Nagano, Masami; Atago, Takeshi; and Yoshida, Tatsuya, 4,550,705, Cl. 123-488.000.

Yoshida, Tatumasa: *See—*
- Fukasawa, Atsushi; Hosoda, Kenichiro; Sato, Takuro; and Yoshida, Tatumasa, 4,546,333, Cl. 333-202.000.

Yoshida, Teruo: *See—*
- Yasui, Hiroyoshi; Yoshida, Teruo; Ueno, Hiroshi; and Tsumura, Katsunori, 4,523,862, Cl. 384-564.000.

Yoshida, Thihiro: *See—*
- Kakita, Shusaku; and Yoshida, Thihiro, 4,534,885, Cl. 252-301.40P.

Yoshida, Tokuichiro. Automatic transmission mechanism with spindle-shaped frictional clutch members incorporated therein. 4,505,164, 3-19-85, Cl. 74-371.000.

Yoshida, Tomio: *See—*
- Koishi, Kenji; Yoshida, Tomio; Satoh, Isao; and Ohara, Shunji, 4,546,462, Cl. 369-53.000.
- Ohara, Shunji; Yoshida, Tomio; Satoh, Isao; and Koishi, Kenji, 4,509,156, Cl. 369-54.000.
- Satoh, Isao; Yoshida, Tomio; Harigae, Shunji; and Koishi, Kenji, 4,523,304, Cl. 369-32.000.
- Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,535,439, Cl. 369-275.000.
- Satoh, Isao; Yoshida, Tomio; Ohara, Shunji; and Koishi, Kenji, 4,545,044, Cl. 369-32.000.
- Uematsu, Takao; Honma, Yoshiharu; Tanno, Seikichi; Ito, Ran; Matsubayashi, Jun; and Yoshida, Tomio, 4,523,668, Cl. 192-107.00M.

Yoshida, Tomohiko, to Mitsubishi Rayon Co., Ltd. Polyester resin composition having an improved mold release property. 4,530,953, 7-23-85, Cl. 524-311.000.

Yoshida, Tomohiko; and Mori, Hiroshi, to Mitsubishi Rayon Co., Ltd. Flame-retardant polyester resin composition. 4,548,964, 10-22-85, Cl. 523-455.000.

Yoshida, Tomohisa: *See—*
- Kamata, Nobuo; Sekiya, Takashi; Takeda, Kazutoshi; Hayasaka, Toyoo; and Yoshida, Tomohisa, 4,520,087, Cl. 429-219.000.
- Sasage, Tsutomu; Yoshida, Tomohisa; and Yoshida, Toshio, 4,541,624, Cl. 271-12.000.

Yoshida, Tomomasa: *See—*
- Tsuchiya, Masatoshi; Soeno, Ko; and Yoshida, Tomomasa, 4,499,774, Cl. 73-727.000.

Yoshida, Toshihiro: *See—*
- Narishige, Shinji; Yoshinari, Tsuneo; Sato, Mituo; Takagi, Masayuki; and Yoshida, Toshihiro, 4,516,180, Cl. 360-126.000.
- Numata, Kiyoshi; Yoshida, Toshihiro; and Kokubo, Takashi, 4,556,283, Cl. 350-117.000.

Yoshida, Toshimi; Nakata, Kiyotomo; Masaoka, Isao; and Itow, Hisawo, to Hitachi, Ltd. Alloy for use in a radioactive ray environment and reactor core members. 4,560,407, 12-24-85, Cl. 75-128.00N.

Yoshida, Toshio; and Atsuta, Toshio, to Kawasaki Jukogyo Kabushiki Kaisha. Apparatus for processing welded joint parts of pipes. 4,491,001, 1-1-85, Cl. 72-76.000.

Yoshida, Toshio, to Toyo Shokuhin Kikai Kabushiki Kaisha. Intermittent driving system for synchronizing control of conveyor and dispensing systems. 4,495,584, 1-22-85, Cl. 364-479.000.

Yoshida, Toshio; Itoga, Kouyu; Matsui, Shigetomo; and Atsuta, Toshio, to Kawasaki Jukogyo Kabushiki Kaisha. Corrosion-resistant pipe coupling structures. 4,509,776, 4-9-85, Cl. 285-55.000.

Yoshida, Toshio, to Kawasaki Jukogyo Kabushiki Kaisha. Corrosion-resistant, double-wall pipe structures. 4,556,240, 12-3-85, Cl. 285-55.000.

Yoshida, Toshio: *See—*
- Nagayasu, Kuniaki; Konno, Setsuzou; and Yoshida, Toshio, 4,531,305, Cl. 34-31.000.
- Sasage, Tsutomu; Yoshida, Tomohisa; and Yoshida, Toshio, 4,541,624, Cl. 271-12.000.
- Sunano, Naomasa; Asahi, Naotatsu; and Yoshida, Toshio, 4,507,643, Cl. 338-34.000.

Yoshida, Toshiro: *See—*
- Kikuchi, Junzo; Sugiura, Ryuzo; Yamamoto, Mutsuhiro; and Yoshida, Toshiro, 4,514,597, Cl. 179-99.00M.

Yoshida, Tsukasa. Rack assembly apparatus. 4,493,425, 1-15-85, Cl. 211-189.000.

Yoshida, Tsutomu: *See—*
- Kido, Yasuji; Yoshida, Tsutomu; Hamakado, Toshinari; Anno, Masami; Harada, Takahiro; and Motoki, Yoshinobu, 4,526,866, Cl. 435-68.000.

Yoshida, Tuneo; Oishi, Kengo; and Yagi, Motohiko, to Fuji Photo Film Co., Ltd. Ceramic guides for tape-like materials and process for the production thereof. 4,533,968, 8-6-85, Cl. 360-130.210.

Yoshida, Yasuharu, to NEC Corporation. Demodulation device for composite PSK-PSK modulated waves. 4,498,050, 2-5-85, Cl. 329-110.000.

Yoshida, Yasuharu; Seguchi, Hiroshi; and Tagashira, Yoshimi, to Nippon Electric Co., Ltd. Device for eliminating FM or like interference from a digital microwave signal. 4,501,004, 2-19-85, Cl. 375-102.000.

Yoshida, Yasuharu, to NEC Corporation. Timing synchronizing circuit for demodulators. 4,528,512, 7-9-85, Cl. 329-50.000.

Yoshida, Yasuharu, to NEC Corporation. DC Voltage control circuits. 4,544,894, 10-1-85, Cl. 329-122.000.

Yoshida, Yasuharu, to NEC Corporation. Phase demodulator including variable phase shifter for controlling reference carrier. 4,549,142, 10-22-85, Cl. 329-50.000.

Yoshida, Yasuharu, to NEC Corporation. Multilevel amplitude modulation demodulator with DC drift compensation. 4,553,102, 11-12-85, Cl. 329-133.000.

Yoshida, Yasuhisa; and Ohi, Toshio, to Nippon GT Corporation. Manual reset type bimetal thermostat. 4,513,570, 4-30-85, Cl. 60-529.000.

Yoshida, Yoshihiro; and Aoki, Hidehiko, to Tokyo Shibaura Denki Kabushiki Kaisha. Stereo amplifier circuit for bichannel signals. 4,536,716, 8-20-85, Cl. 330-69.000.

Yoshida, Yoshiichi, to Tsutsume, Shigeru; and Seiki Engineering & Research Co. Ltd. Pointed heat-generating device for molds of injection molding machines. 4,516,927, 5-14-85, Cl. 425-549.000.

Yoshida, Yoshimitsu: *See—*
- Nakato, Hakaru; Sakuraya, Toshikazu; Habu, Yasuhiro; Emi, Toshihiko; Kodama, Masanori; Koshikawa, Takao; Yoshida, Yoshimitsu; and Shimokawa, Fumitaka, 4,508,571, Cl. 106-38.280.

Yoshida, Yoshinobu; Sakai, Nobuo; and Ishikawa, Takatoshi, to Fuji Photo Film Co., Ltd. Silver halide photographic materials. 4,504,577, 3-12-85, Cl. 430-564.000.

Yoshida, Yoshinobu: *See—*
- Ohki, Nobutaka; and Yoshida, Yoshinobu, 4,525,451, Cl. 430-551.000.
- Ohki, Nobutaka; Furutachi, Nobuo; and Yoshida, Yoshinobu, 4,530,899, Cl. 430-551.000.

Yoshida, Yoshinori: *See—*
- Shinohara, Hironobu; Yamahara, Noboru; and Yoshida, Yoshinori, 4,511,683, Cl. 524-3.000.
- Shinohara, Hironobu; Kubota, Kiyonobu; and Yoshida, Yoshinori, 4,547,200, Cl. 44-51.000.

Yoshida, Yoshio: *See—*
- Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; and Takeya, Yasuo, 4,542,633, Cl. 68-12.00R.
- Hirooka, Hiroshi; Yoshida, Yoshio; Fukushi, Toshio; Takeya, Yasuo; and Nagai, Satoshi, 4,554,805, Cl. 68-12.00R.

Yoshida, Yoshitaka: *See—*
- Nakahara, Mitsuharu; Ishida, Tomio; Honjo, Norifumi; and Yoshida, Yoshitaka, 4,516,537, Cl. 123-48.0AA.

- Yoshida, Yoshitaro: *See*—
  - Kohno, Tsuguo; Yoshida, Yoshitaro; Tenjinbayashi, Koji; and Okazaki, Yuichi, 4,561,333, Cl. 82-1.00C.
  - Matsuda, Kiyofumi; Eiju, Tomoaki; Enomoto, Yuji; and Yoshida, Yoshitaro, 4,529,310, Cl. 356-349.000.
- Yoshida, Yosuke, to Kabushiki Kaisha Daini Seikosha. Electronic timepiece having address designation circuits of ROM and RAM. 4,516,862, 5-14-85, Cl. 368-155.000.
- Yoshida, Yosuke, to Kabushiki Kaisha Daini Seikosha. Test circuit for watch LSI. 4,538,923, 9-3-85, Cl. 368-70.000.
- Yoshida, Yuji: *See*—
  - Hokamura, Sadakazu; Shinohara, Toshio; Nomura, Ryoichi; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,505,954, Cl. 427-380.000.
  - Hokamura, Sadakazu; Shinohara, Toshio; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,508,767, Cl. 427-407.100.
  - Hokamura, Sadakazu; Yamada, Seiji; Aritomi, Mitsutoshi; and Yoshida, Yuji, 4,514,445, Cl. 427-410.000.
- Yoshida, Yukio; and Oono, Kenzo, to Yoshida Kogyo K.K. Control apparatus for an automatic door with a minimum error in a detected door position. 4,529,920, 7-16-85, Cl. 318-466.000.
- Yoshida, Yukio: *See*—
  - Fukumoto, Ryutaro; Oyagi, Shuji; Yoshida, Yukio; and Akimoto, Ryosaku, 4,540,040, Cl. 165-12.000.
- Yoshie, Atsuyoshi; and Karasawa, Hiroyuki, to Toyo Tire & Rubber Co., Ltd. Process for making a radial tire. 4,528,052, 7-9-85, Cl. 156-117.000.
- Yoshiga, Kenji, to Fuji Koki Manufacturing Co., Ltd. Motor-driven expansion valve. 4,556,193, 12-3-85, Cl. 251-129.110.
- Yoshihama, Hideo: *See*—
  - Doi, Yuzuru; Hara, Masato; and Yoshihama, Hideo, 4,543,477, Cl. 250-227.000.
- Yoshihara, Hideo; Ozawa, Akira; Sekimoto, Misao; and Ono, Toshiro, to Nippon Telegraph & Telephone Public Corporation. X-Ray lithography mask and method for fabricating the same. 4,515,876, 5-7-85, Cl. 430-5.000.
- Yoshihara, Hiroshi: *See*—
  - Aratani, Tadatoshi; Yoshihara, Hiroshi; and Susukamo, Gohfu, 4,552,972, Cl. 556-35.000.
- Yoshihara, Junji: *See*—
  - Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, 4,505,715, Cl. 8-639.000.
  - Niwa, Toshio; Himeno, Kiyoshi; and Yoshihara, Junji, 4,542,207, Cl. 534-630.000.
- Yoshihara, Kenji: *See*—
  - Sigiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,516,161, Cl. 358-342.000.
  - Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,496,993, Cl. 358-335.000.
  - Sugiyama, Hiroyuki; Abe, Ryozo; and Yoshihara, Kenji, 4,499,505, Cl. 358-342.000.
  - Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,500,983, Cl. 369-77.200.
  - Sugiyama, Hiroyuki; Abe, Ryozo; Yusa, Yasuhiro; Sakurai, Masaki; and Yoshihara, Kenji, 4,520,473, Cl. 369-126.000.
  - Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,530,013, Cl. 358-335.000.
  - Sugiyama, Hiroyuki; Sakurai, Masaki; Abe, Ryozo; and Yoshihara, Kenji, 4,550,393, Cl. 369-32.000.
- Yoshihara, Mitsuo; Morikawa, Yoshitada; Yamamoto, Yasuo; Komada, Mitsuharu; and Hattori, Masaaki, to Nitto Electric Industrial Co., Ltd. Reinforced plastic molding. 4,560,713, 12-24-85, Cl. 523-400.000.
- Yoshihara, Setsuo; Otsubo, Yorihumi; and Kobayashi, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Ticket checking apparatus. 4,496,830, 1-29-85, Cl. 235-458.000.
- Yoshihara, Takahisa: *See*—
  - Komoda, Akira; Hirooka, Yasuhiro; Yoshihara, Takahisa; and Matsuda, Akira, 4,500,400, Cl. 204-206.000.
  - Kyono, Kazuaki; Kurokawa, Shigeo; Kimura, Hajime; Irie, Toshio; Yoshihara, Takahisa; and Matsuda, Akira, 4,541,903, Cl. 204-28.000.
- Yoshihara, Tetsuya, to Nippon Kokan Kabushiki Kaisha; Nippon Rotary Nozzle Co., Ltd.; Kokan Kikai Kogyo Kabushiki Kaisha; and Tokyo Kogyo Kabushiki Kaisha. Dual door type rotary nozzle. 4,498,611, 2-12-85, Cl. 222-599.000.
- Yoshihara, Toshiyuki: *See*—
  - Fujimura, Naoto; Sonobe, Akihiro; Yoshihara, Toshiyuki; Takebayashi, Norie; Tanaka, Takashi; and Kuribayashi, Masaki, 4,533,232, Cl. 355-3.00R.
  - Hirooka, Masaaki; Kubo, Keiji; and Yoshihara, Toshiyuki, 4,517,271, Cl. 430-94.000.
- Yoshihara, Tsutomu: *See*—
  - Yoshimoto, Masahiko; Yoshihara, Tsutomu; Anami, Kenji; and Shinohara, Hirofumi, 4,554,646, Cl. 365-189.000.
- Yoshihiko, Ota, to Victor Company of Japan, Ltd. Video signal recording apparatus. 4,517,609, 5-14-85, Cl. 360-22.000.
- Yoshihiro, Naotsugu: *See*—
  - Tamura, Masao; Yoshihiro, Naotsugu; Natsuaki, Nobuyoshi; Miyao, Masanobu; Ohkura, Makoto; Sunami, Hideo; and Tokuyama, Takashi, 4,498,951, Cl. 156-612.000.
- Yoshihisa, Kanazawa: *See*—
  - Shigehiro, Koga; Yoshihisa, Kanazawa; Takeshi, Okamoto; Masafumi, Yamanouchi; and Kazumichi, Shudo, 4,528,306, Cl. 523-219.000.
- Yoshihisa, Kozo; and Okui, Isamu, to Tokyo Shibaura Denki Kabushiki Kaisha. Volume control circuit. 4,494,075, 1-15-85, Cl. 330-254.000.
- Yoshihisa, Kozo; and Okui, Isamu, to Tokyo Shibaura Denki Kabushiki Kaisha. FM Pulse counting demodulator with multiplier for input and delayed input signals. 4,511,849, 4-16-85, Cl. 329-103.000.
- Yoshii, Hiroe: *See*—
  - Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, 4,529,697, Cl. 435-110.000.
- Yoshii, Motokazu: *See*—
  - Hayashi, Motoshige; Kobayashi, Toshirou; Yoshii, Motokazu; Tsubone, Masahiro; and Ishikawa, Mikio, 4,536,357, Cl. 264-53.000.
- Yoshii, Orio: *See*—
  - Katakabe, Noboru; Watanabe, Shuichi; Takamiya, Takehisa; Takase, Hiroaki; and Yoshii, Orio, 4,558,964, Cl. 400-144.100.
- Yoshii, Osamu. Orthodontic treating device and method of manufacturing same. 4,504,225, 3-12-85, Cl. 433-6.000.
- Yoshii, Osamu, to Suyehiro, Hito. Orthodontic treating device and method of manufacturing same. 4,505,673, 3-19-85, Cl. 433-6.000.
- Yoshii, Shigekazu: *See*—
  - Tanaka, Keihachiro; and Yoshii, Shigekazu, 4,548,632, Cl. 65-5.000.
- Yoshii, Takashi, to Kubota, Ltd. Front-wheel driving apparatus. 4,553,624, 11-19-85, Cl. 180-255.000.
- Yoshii, Tetsuji, to Matsushita Electric Industrial Co., Ltd. Tape cassette. 4,519,521, 5-28-85, Cl. 220-335.000.
- Yoshii, Toshio; and Furukawa, Shigeyoshi, to Mitsubishi Denki Kabushiki Kaisha. On-load tap changer of the type of vacuum switches. 4,520,246, 5-28-85, Cl. 200-144.00B.
- Yoshii, Toshiya: *See*—
  - Abe, Koichi; Kawakami, Kenichi; Yoshii, Toshiya; and Inoue, Toshihide, 4,539,260, Cl. 428-336.000.
  - Otaki, Toshihiro; Nagata, Ryuichi; and Yoshii, Toshiya, 4,561,724, Cl. 350-334.000.
  - Tanaka, Kazuhiro; Kawakami, Ken-ichi; and Yoshii, Toshiya, 4,514,452, Cl. 428-141.000.
- Yoshii, Yuji: *See*—
  - Hiraga, Masaharu; Mabe, Atsushi; and Yoshii, Yuji, 4,514,150, Cl. 417-440.000.
  - Hiraga, Masaharu; and Yoshii, Yuji, 4,548,555, Cl. 418-55.000.
- Yoshiie, Kazue: *See*—
  - Akazawa, Hiroyuki; and Yoshiie, Kazue, 4,492,484, Cl. 400-248.000.
- Yoshikai, Noriaki: *See*—
  - Kato, Masami; and Yoshikai, Noriaki, 4,502,143, Cl. 371-57.000.
- Yoshikane, Tetsuo; Kagata, Akira; and Hiura, Hiromi, to Matsushita Electric Industrial Co., Ltd. Information signal regenerating stylus and manufacturing method thereof. 4,534,136, 8-13-85, Cl. 51-283.00R.
- Yoshikawa, Akihisa: *See*—
  - Oneyama, Naotake; and Yoshikawa, Akihisa, 4,516,473, Cl. 91-462.000.
- Yoshikawa, Hideo: *See*—
  - Baba, Takeshi; Nose, Noriyuki; Yoshikawa, Hideo; Minoura, Kazuo; Hasu, Akinori; Minami, Setsuo; and Matsuoka, Kazuhiko, 4,523,801, Cl. 350-6.800.
- Yoshikawa, Hirofumi: *See*—
  - Kanai, Tamaki; Yoshikawa, Hirofumi; Yamagishi, Takashi; Suzuki, Kenji; and Ohta, Yoshikatsu, 4,492,719, Cl. 427-171.000.
- Yoshikawa, Hiroshi; Hattori, Tetsuya; and Sato, Hideaki, to Hitachi, Ltd. Casing construction for electronic equipment. 4,553,674, 11-19-85, Cl. 211-26.000.
- Yoshikawa, Hiroshi: *See*—
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.
- Yoshikawa, Hisao: *See*—
  - Shimizu, Masami; Yoshikawa, Hisao; Kimura, Sosaku; Shiba, Kazuo; Maeno, Fumio; Fuwa, Shigehiro; and Mihara, Kuniyuki, 4,536,993, Cl. 51-165.800.
- Yoshikawa, Isao; Tanimizu, Tooru; and Sugitani, Sinzi, to Hitachi, Ltd. Switch board. 4,504,885, 3-12-85, Cl. 361-342.000.
- Yoshikawa, Kazuaki; Matsumura, Yuichi; and Mase, Noriaki, to Hitachi, Ltd.; and Hitachi Service Engineering Co., Ltd. Apparatus for removing cladding material from bottom portion of control rod guide tube of nuclear reactor. 4,534,932, 8-13-85, Cl. 376-310.000.
- Yoshikawa, Kazuhisa: *See*—
  - Tanaka, Tsuyoshi; and Yoshikawa, Kazuhisa, 4,509,699, Cl. 241-268.000.
- Yoshikawa, Kazuo; Yamaguchi, Hisashi; and Asano, Toru, to Fujitsu Limited. Touch sensing device. 4,556,871, 12-3-85, Cl. 340-365.00C.
- Yoshikawa, Kazuo: *See*—
  - Aoyama, Shigetsune; Yoshikawa, Kazuo; Hasegawa, Yoshimichi; and Higuchi, Junichi, 4,512,559, Cl. 267-47.000.
- Yoshikawa, Kensei: *See*—
  - Hatayama, Katsuo; Yoshikawa, Kensei; Sano, Tatsuhiko; Ohuchi, Yutaka; Ota, Tomomi; Sekiuchi, Kazuto; and Sota, Kaoru, 4,557,871, Cl. 556-183.000.
- Yoshikawa, Kiichi, to Yoshida Kogyo K.K. Adjustable fastener. 4,505,008, 3-19-85, Cl. 24-401.000.
- Yoshikawa, Mamoru: *See*—
  - Kubo, Kunimichi; Yoshikawa, Mamoru; Watanabe, Motokazu; Miyazaki, Yasunosuke; and Miyoshi, Mituji, 4,525,548, Cl. 526-72.000.
- Yoshikawa, Masao; Kan, Fumitaka; and Satomura, Hiroshi, to Canon Kabushiki Kaisha. Magnetic developing device with offset magnetic pole. 4,504,136, 3-12-85, Cl. 355-3.0DD.

- Yoshikawa, Masao, to Canon Kabushiki Kaisha. Device for forming a thin layer of developer. 4,548,489, 10-22-85, Cl. 355-3.0DD.
- Yoshikawa, Mitsuru: *See—*
  - Tanaka, Kazunori; and Yoshikawa, Mitsuru, 4,552,353, Cl. 271-124.000.
- Yoshikawa, Motoyoshi: *See—*
  - Yamamori, Naoki; Yokoi, Junji; and Yoshikawa, Motoyoshi, 4,499,223, Cl. 524-176.000.
- Yoshikawa, Noriyuki: *See—*
  - Fujiyama, Kunio; Okamoto, Kei; and Yoshikawa, Noriyuki, 4,515,406, Cl. 297-409.000.
- Yoshikawa, Osamu, to Shimano Industrial Company Limited. Brake device for a spinning reel. 4,529,142, 7-16-85, Cl. 242-84.50A.
- Yoshikawa, Ryoichi; Ohmori, Kouichi; and Watanabe, Isao, to Canon Kabushiki Kaisha. Flash photography apparatus. 4,542,974, 9-24-85, Cl. 354-415.000.
- Yoshikawa, Ryoichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Apparatus for inspecting a circuit pattern drawn on a photomask used in manufacturing large scale integrated circuits. 4,559,603, 12-17-85, Cl. 364-491.000.
- Yoshikawa, Ryoichi: *See—*
  - Gotou, Mineo; Yoshikawa, Ryoichi; Tojo, Toru; and Wada, Hirotsugu, 4,558,225, Cl. 250-491.100.
  - Yamada, Masanori; and Yoshikawa, Ryoichi, 4,522,479, Cl. 354-413.000.
- Yoshikawa, Sakae: *See—*
  - Watanabe, Kazuhiro; Yoshikawa, Sakae; and Futami, Shunichi, 4,543,372, Cl. 523-109.000.
- Yoshikawa, Seimi; Yamada, Hideo; and Okubo, Yoichi, to Pacific Industrial Co. Ltd. Cooling control system and expansion valve therefor. 4,506,518, 3-26-85, Cl. 62-180.000.
- Yoshikawa, Shigeo: *See—*
  - Nishizawa, Junichi; Tamamushi, Takashige; Ando, Fumihiko; Yoshikawa, Shigeo; and Shimanuki, Koji, 4,525,742, Cl. 358-213.000.
- Yoshikawa, Shigeru: *See—*
  - Mizuno, Tsuneo; Yoshikawa, Shigeru; and Matsuda, Tadashi, 4,491,851, Cl. 346-1.100.
- Yoshikawa, Shoji; Ohshima, Ken; Kodama, Hiroshi; Yamamiya, Kunio; Sakamoto, Masaharu; and Kato, Kiichi, to Olympus Optical Co., Ltd. System for detecting defects on an optical surface. 4,505,585, 3-19-85, Cl. 356-237.000.
- Yoshikawa, Shoji: *See—*
  - Kodama, Hiroshi; Sakamoto, Masaharu; Ohshima, Ken; Yoshikawa, Shoji; Yamamiya, Kunio; and Kato, Kiichi, 4,495,407, Cl. 250-201.000.
  - Yamamiya, Kunio; Kodama, Hiroshi; Ohshima, Ken; Yoshikawa, Shoji; Kato, Kiichi; and Sakamoto, Masaharu, 4,499,514, Cl. 360-97.000.
- Yoshikawa, Shozi; Sakamoto, Masaharu; Kodama, Hiroshi; Yamamiya, Kunio; Kato, Kiichi; and Ohsima, Ken, to Olympus Optical Co., Ltd. Method for reading information or defect out of rotating disc. 4,499,572, 2-12-85, Cl. 369-111.000.
- Yoshikawa, Shozi; Kodama, Hiroshi; Ohsima, Ken; Sakamoto, Masaharu; Kato, Kiichi; and Yamamiya, Kunio, to Olympus Optical Co., Ltd. Apparatus for detecting input signal. 4,520,280, 5-28-85, Cl. 307-358.000.
- Yoshikawa, Tomio: *See—*
  - Kato, Takashi; Yoshikawa, Tomio; Sato, Keiji; and Yoshioka, Kazuo, 4,557,114, Cl. 62-126.000.
- Yoshikawa, Toshiharu: *See—*
  - Shibata, Takanori; Yoshikawa, Toshiharu; Isobe, Kenichi; and Ichinohe, Shoji, 4,525,563, Cl. 526-279.000.
- Yoshikawa, Yasuhiko: *See—*
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.
  - Shigemura, Yutaka; Kimura, Hiroshi; Hisajima, Masahiko; Yada, Isao; Irie, Yoichiro; Morimoto, Kiyoshi; Yoshikawa, Yasuhiko; and Nagashima, Takashi, 4,515,464, Cl. 355-14.00R.
- Yoshikawa, Yasuo: *See—*
  - Hara, Seinosuke; Miisho, Kazuyuki; Matsumoto, Yasuo; and Yoshikawa, Yasuo, 4,539,951, Cl. 123-90.170.
- Yoshikawa, Yukio: *See—*
  - Kurosu, Tomio; and Yoshikawa, Yukio, 4,494,846, Cl. 354-400.000.
  - Kurosu, Tomio; and Yoshikawa, Yukio, 4,514,064, Cl. 354-234.100.
  - Kurosu, Tomio; and Yoshikawa, Yukio, 4,527,877, Cl. 354-234.100.
- Yoshikawa, Yuzo: *See—*
  - Watase, Tosio; Mori, Koichi; Sasaki, Kazuo; Onizuka, Katsumi; Yoshikawa, Yuzo; and Fujita, Takeshi, 4,502,323, Cl. 73-49.600.
- Yoshikoshi, Hideyuki: *See—*
  - Nakayama, Michio; Tajima, Osamu; Matsui, Seiji; Yoshikoshi, Hideyuki; and Fukuyo, Hiroshi, 4,515,351, Cl. 266-177.000.
- Yoshikumi, Chikao; Fujii, Takayoshi; Saito, Kenichi; Fujii, Masahiko; and Niimura, Koichi, to Kureha Kagaku Kogyo Kabushiki Kaisha. Platinum compound and drug. 4,504,487, 3-12-85, Cl. 514-492.000.
- Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohara, Minoru; and Ando, Takao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Method for the treatment of hyperglycemia using p-aminobenzoate-N-L-rhamnoside. 4,555,505, 11-26-85, Cl. 514-42.000.
- Yoshikumi, Chikao; Ohmura, Yoshio; Hirose, Fumio; Ikuzawa, Masanori; Matsunaga, Kenichi; Fujii, Takayoshi; Ohhara, Minoru; and Ando, Takao, to Kureha Kagaku Kogyo Kabushiki Kaisha. Pharmaceutical composition containing para-aminobenzoic acid-N-L-rhamnoside as an active ingredient. 4,559,327, 12-17-85, Cl. 514-42.000.
- Yoshikumi, Chikao: *See—*
  - Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,561, Cl. 514-209.000.
  - Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,496,574, Cl. 514-195.000.
  - Muto, Shigeaki; Niimura, Kouichi; Ando, Takao; Kanno, Akihiko; Furusho, Takao; and Yoshikumi, Chikao, 4,540,689, Cl. 514-196.000.
  - Yamato, Hideyuki; Toyoda, Noriyuki; Fujii, Takayoshi; Maeda, Yuji; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,737, Cl. 514-167.000.
  - Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.
  - Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.
- Yoshikuni, Yoshiaki: *See—*
  - Matsumura, Shingo; Enomoto, Hiroshi; Aoyagi, Yoshiaki; Yoshikuni, Yoshiaki; Kura, Kohei; Yagi, Masahiro; and Shirahase, Ichiro, 4,533,668, Cl. 514-321.000.
- Yoshimaru, Tomohisa; and Yamamoto, Kazuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Document information filing system. 4,498,107, 2-5-85, Cl. 358-256.000.
- Yoshimaru, Tomohisa, to Tokyo Shibaura Denki Kabushiki Kaisha. Data-recording apparatus. 4,500,926, 2-19-85, Cl. 358-256.000.
- Yoshimatsu, Sachihiro: *See—*
  - Nakazato, Norio; Yoshimatsu, Sachihiro; Nawata, Makoto; and Masuda, Sadao, 4,530,708, Cl. 62-13.000.
- Yoshimatsu, Yoshiaki, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Arc furnace installation with shroud. 4,506,370, 3-19-85, Cl. 373-8.000.
- Yoshimi, Akirou: *See—*
  - Nishimura, Masao; Mori, Masami; and Yoshimi, Akirou, 4,537,245, Cl. 165-22.000.
- Yoshimi, Kazuhiko: *See—*
  - Endo, Yoichi; Nakanishi, Kazuo; Namura, Hideki; Doi, Terukazu; Kusumoto, Katsunori; Shimizu, Kazuyuki; Yoshimi, Kazuhiko; Nagai, Shigeru; and Sato, Shoichi, 4,505,217, Cl. 114-103.000.
- Yoshimi, Kazuyoshi: *See—*
  - Morimoto, Masao; Sano, Shoji; Yoshimi, Kazuyoshi; and Saitou, Kazuo, 4,521,153, Cl. 415-146.000.
- Yoshimi, Takani: *See—*
  - Tsujimura, Isao; and Yoshimi, Takani, 4,514,892, Cl. 29-568.000.
- Yoshimi, Toru: *See—*
  - Morioka, Kazumasa; and Yoshimi, Toru, 4,534,927, Cl. 264-321.000.
- Yoshimitsu, Arata: *See—*
  - Nishihara, Hisakatsu; and Yoshimitsu, Arata, 4,538,668, Cl. 164-448.000.
  - Yamakami, Yoshiaki; and Yoshimitsu, Arata, 4,540,424, Cl. 65-100.000.
- Yoshimitsu, Yasuro: *See—*
  - Okubo, Masao; Yoshimitsu, Yasuro; Nakai, Fumio; and Garretson, Oliver R., 4,518,914, Ci. 324-158.00F.
  - Okubo, Masao; and Yoshimitsu, Yasuro, 4,523,144, Cl. 324-158.00P.
- Yoshimoto, Masahiko; Yoshihara, Tsutomu; Anami, Kenji; and Shinohara, Hirofumi, to Mitsubishi Denki Kabushiki Kaisha. Semiconductor memory device. 4,554,646, 11-19-85, Cl. 365-189.000.
- Yoshimoto, Masahiko: *See—*
  - Anami, Kenji; Yoshimoto, Masahiko; Shinohara, Hirofumi; and Tomisawa, Osamu, 4,542,486, Cl. 365-230.000.
  - Shinohara, Hirofumi; Tomisawa, Osamu; Anami, Kenji; and Yoshimoto, Masahiko, 4,521,704, Cl. 307-530.000.
- Yoshimoto, Masato; and Ohwaki, Shinji, to Teijin Limited. Hollow irregular multifilament yarn and process and spinneret for producing the same. 4,546,043, 10-8-85, Cl. 428-397.000.
- Yoshimoto, Seiichi: *See—*
  - Tarumi, Niro; Okubo, Yoichi; and Yoshimoto, Seiichi, 4,528,351, Cl. 526-314.000.
- Yoshimoto, Shoji: *See—*
  - Etoh, Tadaaki; Yano, Ryuji; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,495,601, Cl. 365-1.000.
  - Futami, Toshio; Yoshimoto, Shoji; and Yano, Ryuji, 4,498,152, Cl. 365-1.000.
  - Yano, Ryuji; Chiba, Shinsaku; Yoshida, Kazutoshi; Ishida, Kazuhiro; and Yoshimoto, Shoji, 4,498,153, Cl. 365-10.000.
- Yoshimoto, Takeo; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, to Mitsui Toatsu Chemicals, Inc. 3-Nitro-4-methylbenzene sulfon-2-chloro-4-nitroanilide and fungicidal composition for the control of plant diseases containing same. 4,497,828, 2-5-85, Cl. 514-603.000.
- Yoshimoto, Takeo; Hosono, Akira; Miki, Joh; Oda, Kengo; Ura, Masaaki; Sato, Naoki; Toyama, Teruhiko; Tachibana, Hajime; Enomoto, Yuji; Funakoshi, Yasunobu; Fujita, Takashi; and Hojo, Yoshikata, to Mitsui Toatsu Chemicals, Inc. Diphenyl ether derivatives and herbicides containing same. 4,515,628, 5-7-85, Cl. 71-111.000.

- Yoshimoto, Tekeo; Umemoto, Mitsumasa; Igarashi, Keiichi; Yamazaki, Hideo; Takasawa, Yoshio; and Yanagita, Hirohisa, to Mitsui Toatsu Chemicals, Inc. 3-Nitrobenzene sulfonanilide derivatives and fungicidal compositions for the control of plant diseases containing same. 4,551,478, 11-5-85, Cl. 514-603.000.
- Yoshimoto, Teruko; Kawai, Mikio; and Kunimi, Hitoshi, to Nissan Motor Company, Limited. Method of electrodepositing hexacyanocobalt iron complex. 4,526,659, 7-2-85, Cl. 204-56.00R.
- Yoshimoto, Tetsuo: *See—*
  - Kato, Iwao; Nakamura, Yoshihiko; Yoshimoto, Tetsuo; Iwamori, Masanori; Ozawa, Kazuo; and Asai, Makoto, 4,529,552, Cl. 556-40.000.
- Yoshimoto, Toshio: *See—*
  - Abe, Masaru; Miyoshi, Isao; Tezuka, Toshiro; and Yoshimoto, Toshio, 4,506,718, Cl. 152-361.00R.
- Yoshimura, Eiji: *See—*
  - Mitomi, Takeshi; Yoshimura, Eiji; and Komagata, Hideki, 4,500,581, Cl. 428-85.000.
- Yoshimura, Fumikatsu: *See—*
  - Ishii, Osamu; Yoshimura, Fumikatsu; and Hatakeyama, Iwao, 4,544,612, Cl. 428-692.000.
- Yoshimura, Hirofumi; and Ikeda, Nobuo, to Matsushita Electric Industrial Co., Ltd. Microwave oven with rotary antenna. 4,508,946, 4-2-85, Cl. 219-10.55F.
- Yoshimura, Hirofumi: *See—*
  - Sawatani, Tadashi; Ishii, Mitsuo; Yoshimura, Hirofumi; and Harase, Jirou, 4,515,644, Cl. 148-12.0EA.
- Yoshimura, Hiroshi, to Hakko Metal Industries Limited. Device for dismounting integrated circuit devices. 4,528,746, 7-16-85, Cl. 29-743.000.
- Yoshimura, Hisashi: *See—*
  - Iwagami, Fusao; and Yoshimura, Hisashi, 4,533,927, Cl. 346-140.00R.
- Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, to Asahi-Dow Limited. Composition for cold drawn film. 4,499,241, 2-12-85, Cl. 525-211.000.
- Yoshimura, Isao; Mizukami, Osamu; Hata, Hideo; Kageyama, Junichi; and Kaneko, Takashi, to Asahi-Dow Limited. Cold drawn high-orientation multilayered film and process for manufacture of said film. 4,501,634, 2-26-85, Cl. 156-244.240.
- Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, to Asahi-Dow Limited. Composition for cold drawn film. 4,537,935, 8-27-85, Cl. 525-222.000.
- Yoshimura, Isao; Hata, Hideo; and Kaneko, Takashi, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for preparing cold drawn film from an ethylene-α-olefin copolymer and at least one of low-density polyethylene or ethylene copolymers and polypropylene, high density polyethylene or crystalline polybutadiene. 4,542,886, 9-24-85, Cl. 264-22.000.
- Yoshimura, Kazunori: *See—*
  - Ito, Katsuo; Murata, Bunjiro; and Yoshimura, Kazunori, 4,507,627, Cl. 333-105.000.
  - Ito, Katsuo; Yoshimura, Kazunori; Tsuji, Kazuhiro; and Kontani, Kazuo, 4,532,485, Cl. 334-51.000.
- Yoshimura, Kazushi: *See—*
  - Kuni, Asahiro; Hamada, Toshimitsu; Makihira, Hiroshi; and Yoshimura, Kazushi, 4,556,797, Cl. 250-492.200.
- Yoshimura, Kunimasa: *See—*
  - Kobayashi, Hideo; Kashiwagi, Takao; Yoshimura, Kunimasa; and Mae, Hisao, 4,539,942, Cl. 123-41.100.
  - Nakano, Hiromichi; Sasaya, Hideaki; Inagaki, Mitsuo; Matsui, Kazuma; and Yoshimura, Kunimasa, 4,512,728, Cl. 418-3.000.
- Yoshimura, Masafumi: *See—*
  - Kobayashi, Toshiaki; Kawashima, Yuji; Yoshimura, Masafumi; Sugiura, Masaru; Nobe, Tomio; and Fujimoto, Sumio, 4,502,975, Cl. 252-315.100.
  - Kobayashi, Toshiaki; and Yoshimura, Masafumi, 4,532,280, Cl. 524-108.000.
- Yoshimura, Masaru; and Saitoh, Sumio, to Catalysts & Chemicals Industries Co., Ltd. Thermo-setting resinous liquid compositions. 4,499,217, 2-12-85, Cl. 523-456.000.
- Yoshimura, Minoru; Koyama, Yosuke; Goto, Koichi; Inoue, Sumio; Ikeda, Shigeho; and Yoshii, Hiroe, to Ajinomoto Co., Inc. Process for producing L-glutamic acid by fermentation. 4,529,697, 7-16-85, Cl. 435-110.000.
- Yoshimura, Motokazu; Takiguchi, Michitaka; Horie, Fujio; and Hirata, Koichi. Sewing machine with a voice warning device. 4,498,078, 2-5-85, Cl. 340-679.000.
- Yoshimura, Noriaki; and Tamura, Masuhiko, to Kuraray Co., Ltd. Processes for producing 7-octen-1-al and derivatives thereof. 4,510,331, 4-9-85, Cl. 568-450.000.
- Yoshimura, Noriaki: *See—*
  - Matsumoto, Mitsuo; Yoshimura, Noriaki; and Tamura, Masuhiko, 4,510,332, Cl. 568-454.000.
  - Matsumoto, Mitsuo; Hirai, Koji; Yoshimura, Noriaki; and Okamura, Takayuki, 4,551,518, Cl. 528-80.000.
- Yoshimura, Shingo; Ito, Katsumi; and Tanaka, Shigeru, to Kubota, Ltd. Automatic running work vehicle. 4,545,453, 10-8-85, Cl. 180-131.000.
- Yoshimura, Shohei: *See—*
  - Azuma, Tadashi; Akamatsu, Yoshihiro; Akiyama, Hiroyuki; and Yoshimura, Shohei, 4,496,627, Cl. 428-336.000.
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,601, Cl. 521-58.000.
  - Kuwabara, Hideki; Yoshimura, Shohei; Yamaguchi, Toru; and Sudo, Yoshimi, 4,504,653, Cl. 528-491.000.
- Yoshimura, Shozo: *See—*
  - Mehada, Masashi; Yoshimura, Shozo; Yamaguchi, Kenshiro; and Iwao, Osamu, 4,510,207, Cl. 428-607.000.
- Yoshimura, Susumu; and Murakami, Mutsuaki, to Matsushita Electric Industrial Co., Ltd. Conductive pyrolytic product and composition using same. 4,497,728, 2-5-85, Cl. 252-514.000.
- Yoshimura, Susumu: *See—*
  - Gaku, Morio; Kimbara, Hidenori; Ayano, Satoshi; and Yoshimura, Susumu, 4,533,727, Cl. 528-361.000.
- Yoshimura, Tadatoshi: *See—*
  - Yamanaka, Toru; and Yoshimura, Tadatoshi, 4,547,585, Cl. 560-075.000.
- Yoshimura, Tatsushiro; Terada, Tsutomu; and Nakayama, Shozo, to Daikin Kogyo Co., Ltd.; and Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. Aqueous fluorine-containing rubber coating composition and article coated therewith. 4,503,179, 3-5-85, Cl. 524-262.000.
- Yoshimura, Tatsushiro; and Tominaga, Shigetake, to Daikin Kogyo Co., Ltd. Fluororesin-containing coating composition. 4,521,596, 6-4-85, Cl. 524-406.000.
- Yoshimura, Tokuo; Hagiwara, Kunio; and Aiba, Akira, to Nippon Steel Chemical Co., Ltd. Polyamide resin composition. 4,528,304, 7-9-85, Cl. 523-216.000.
- Yoshimura, Tooru, to Tokyo Shibaura Denki Kabushiki Kaisha. Character recognition apparatus. 4,491,965, 1-1-85, Cl. 382-57.000.
- Yoshimura, Toshimitsu: *See—*
  - Gotoda, Yusuke; and Yoshimura, Toshimitsu, 4,494,637, Cl. 192-48.400.
- Yoshimura, Tsuneo, to Mitsubishi Steel Mfg. Co., Ltd. Method of manufacturing leaded free-cutting steel by continuous casting process. 4,524,819, 6-25-85, Cl. 164-468.000.
- Yoshimura, Yoshikane: *See—*
  - Kondo, Hiroyuki; Yoshimura, Yoshikane; and Nomura, Yoshihisa, 4,527,709, Cl. 220-22.000.
- Yoshimura, Yoshinobu; Hamaguchi, Naoru; and Yashiki, Takatsuka, to Takeda Chemical Industries, Ltd. Cephalosporin derivatives. 4,497,809, 2-5-85, Cl. 514-206.000.
- Yoshimura, Yoshito; Oshima, Noboru; Shimizu, Isamu; Yamaguchi, Shinsuke; Fujimaki, Tatsuo; Yamada, Tomoharu; and Tomita, Seisuke, to Bridgestone Tire Company Limited; and Japan Synthetic Rubber Co., Ltd. Styrene-butadiene copolymers with high styrene content. 4,519,431, 5-28-85, Cl. 152-209.00R.
- Yoshimura, Yoshito: *See—*
  - Oshima, Noboru; Shimizu, Isamu; Yoshimura, Yoshito; Fujimaki, Tatsuo; and Tomita, Seisuke, 4,526,934, Cl. 525-332.900.
  - Oshima, Noboru; Shimizu, Isamu; and Yoshimura, Yoshito, 4,540,744, Cl. 525-332.900.
- Yoshimura, Yukio, to Kabushiki Kaisha Komatsu Seisakusho. Leader angle control device. 4,542,795, 9-24-85, Cl. 173-2.000.
- Yoshinada, Hiroshi; Oshima, Hiroshi; and Ono, Takashi, to Kabushiki Kaisha Komatsu Seisakusho. Control system for positioning implements. 4,531,082, 7-23-85, Cl. 318-663.000.
- Yoshinaga, Kenji, to Canon Kabushiki Kaisha. Recording apparatus having parting agent removing means. 4,541,707, 9-17-85, Cl. 355-3.0FU.
- Yoshinaga, Kenji: *See—*
  - Hashimoto, Kiyoyasu; Yoshinaga, Kenji; Mori, Yoshio; Seino, Junzaburo; Kenmochi, Hirohito; and Sato, Katsunobu, 4,536,569, Cl. 534-575.000.
- Yoshinaga, Minoru; and Sumida, Atsushi, to Toray Industries, Inc. Continuous carbon filament fiber bundles. 4,496,671, 1-29-85, Cl. 523-206.000.
- Yoshinaga, Minoru; Matsubara, Nobuyuki; and Yamamoto, Ryuichi, to Toray Industries, Inc. Process for producing carbonizable oxidized fibers and carbon fibers. 4,534,920, 8-13-85, Cl. 264-29.200.
- Yoshinaga, Minoru; and Matsubara, Nobuyuki, to Toray Industries, Inc. Package of carbonaceous filament strand. 4,544,113, 10-1-85, Cl. 242-178.000.
- Yoshinaga, Sadao; Tajiri, Yoshinobu; and Mashine, Hiroyoshi, to Prince Industrial Development Co., Ltd.; and Koizumi Sangyo Co., Ltd. Catalyst combustion curling device. 4,502,465, 3-5-85, Cl. 126-409.000
- Yoshinaga, Shinsuke: *See—*
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Watashi, Masahiro; Yamamoto, Kiyonori; Yamamoto, Toshihiko; and Yoshinaga, Shinsuke, 4,530,588, Cl. 355-3.0DR.
  - Kimura, Hiroshi; Hisajima, Masahiko; Shibata, Kiyoshi; Irie, Yoichiro; Morimoto, Kiyoshi; Nagashima, Takashi; Yoshikawa, Yasuhiko; Yamamoto, Kiyonori; Watashi, Masahiro; Yoshinaga, Shinsuke; and Yamamoto, Toshihiko, 4,533,233, Cl. 355-8.000.
- Yoshinaga, Shinya; and Iwamura, Hiroyuki, to Hitachi, Ltd. Water heating device of heat pump type. 4,558,571, 12-17-85, Cl. 62-238.600.
- Yoshinaga, Toru; Igashira, Toshihiko; Kawai, Hisasi; Morino, Seiji; and Nakamura, Norihiko, to Nippon Soken, Inc.; and Toyota Jidosha Kabushiki Kaisha. Multi-gap spark ignition system. 4,535,735, 8-20-85, Cl. 123-310.000.
- Yoshinaga, Toru: *See—*
  - Igashira, Toshihiko; and Yoshinaga, Toru, 4,514,657, Cl. 313-130.000.
  - Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,529,164, Cl. 251-129.000.
  - Igashira, Toshihiko; Sakakibara, Yasuyuki; Yoshinaga, Toru; Abe, Seiko; and Watanabe, Kazuhide, 4,550,744, Cl. 137-80.000.
- Yoshinaka, Shigeo; Toki, Tsukasa; Tsuji, Tomoji; and Uchiyama, Seiji, to Mitsubishi Gas Chemical Company, Inc. Process for producing xylyleneglycol. 4,507,510, 3-26-85, Cl. 568-811.000.

- Yoshinari, Masashi: *See—*
  - Niinomi, Masahiro; Okubo, Yukihiro; Igarashi, Yoshinori; and Yoshinari, Masashi, 4,546,166, Cl. 528-60.000.
- Yoshinari, Osamu; Kawakatsu, Yoshifumi; and Fukuizumi, Hideaki, to Toho Beslon Co., Ltd. Process for producing carbon fiber or graphite fiber. 4,522,801, 6-11-85, Cl. 423-447.400.
- Yoshinari, Osamu; Sugiyama, Makoto; and Nakai, Hideki, to Toho Beslon Co., Ltd. Method and apparatus for continuous production of carbon fibers. 4,543,241, 9-24-85, Cl. 423-447.700.
- Yoshinari, Shigeru: *See—*
  - Tsuboshima, Kosaku; and Yoshinari, Shigeru, 4,512,852, Cl. 204-1.00T.
- Yoshinari, Tsuneo: *See—*
  - Narishige, Shinji; Yoshinari, Tsuneo; Sato, Mituo; Takagi, Masayuki; and Yoshida, Toshihiro, 4,516,180, Cl. 360-126.000.
- Yoshinari, Yukihiro: *See—*
  - Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,504,148, Cl. 356-401.000.
  - Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,545,684, Cl. 356-400.000.
  - Kuroki, Yoichi; Yoshinari, Yukihiro; and Hiraga, Ryozo, 4,553,845, Cl. 356-400.000.
- Yoshine, Hiroki; Takasaki, Yoshitaka; Takahashi, Yasushi; Yamada, Mitsuo; and Nagano, Katsuyuki, to Hitachi, Ltd. Pulse signal transmission system. 4,503,546, 3-5-85, Cl. 375-37.000.
- Yoshino, Akira; and Iwami, Isamu, to Asahi-Dow Limited. Heterogeneous system photosensitive oxidation sensitizer. 4,520,072, 5-28-85, Cl. 428-403.000.
- Yoshino, Akira: *See—*
  - Shingo, Yoshioki; Matsuda, Takao; Yoshino, Akira; Sunazuka, Hideo; Hasegawa, Masatake; and Kobayashi, Hirotada, 4,549,041, Cl. 174-113.00R.
- Yoshino, Atsuhiko: *See—*
  - Matsuo, Yoshiho; Yoshino, Atsuhiko; and Nishijima, Ryoji, 4,508,878, Cl. 525-333.800.
  - Matsuo, Yoshiho; Nishijima, Ryoji; Yoshino, Atsuhiko; and Kawashima, Takai, 4,528,151, Cl. 264-83.000.
- Yoshino, Eiichi; Matsuura, Kazuo; and Misaki, Hideo, to Toyo Jozo Kabushiki Kaisha. Process for the production of tyramine oxidase. 4,496,655, 1-29-85, Cl. 435-191.000.
- Yoshino, Fumisato: *See—*
  - Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,501,738, Cl. 514-167.000.
  - Yamato, Hideyuki; Maeda, Yuji; Yoshino, Fumisato; Takahata, Kyoya; Ikuzawa, Masanori; Kato, Tadaaki; and Yoshikumi, Chikao, 4,534,975, Cl. 514-730.000.
- Yoshino, Fumito: *See—*
  - Okuda, Naoki; Yamada, Minoru; and Yoshino, Fumito, 4,561,888, Cl. 75-124.000.
- Yoshino, Harumi: *See—*
  - Kume, Nobuyuki; Yoshino, Harumi; and Nagaoka, Miyuki, 4,494,168, Cl. 361-273.000.
- Yoshino, Hideo; Arai, Eisuke; and Kiuchi, Kazuhide, to Nippon Telegraph & Telephone Public Corporation. Shorted junction type programmable read only memory semiconductor devices. 4,538,167, 8-27-85, Cl. 357-59.000.
- Yoshino, Hironori: *See—*
  - Wada, Hidekazu; Yoshino, Hironori; and Shiota, Kohei, 4,535,382, Cl. 361-319.000.
- Yoshino, Hiroshi: *See—*
  - Uchiyama, Mikio; Sato, Takashi; Yoshino, Hiroshi; Tsuchiya, Yutaka; Konishi, Masayuki; Tsujii, Masahiko; Hisatake, Yoshihiko; and Koiwa, Atsushi, 4,533,494, Cl. 260-112.50R.
- Yoshino, Hozo, to System Homes Company Ltd.; and Mitsubishi Denki Kabushiki Kaisha. Integral solar and heat pump water heating system. 4,507,936, 4-2-85, Cl. 62-235.100.
- Yoshino, Kenji: *See—*
  - Tanaka, Masaru; Noguchi, Naoki; Yoshino, Kenji; and Saitoh, Osamu, 4,525,069, Cl. 356-435.000.
- Yoshino Kogyosho Co. Ltd.: *See—*
  - Hayashi, Yoshiaki; Haraguchi, Kouichi; and Koshidaka, Yukio, 4,524,045, Cl. 264-521.000.
  - Ichizawa, Yoshiyuki; Nomoto, Tsugio; and Oshida, Mamoru, 4,514,166, Cl. 425-436.00R.
  - Kinoshita, Harumi; Kushida, Hideo; Itakura, Takeshi; Akutsu, Masao; Takada, Takuzo; and Sugiura, Hiroaki, 4,496,517, Cl. 264-521.000.
  - Kushida, Hideo; Takahashi, Sumio; and Koshio, Shuichi, 4,501,781, Cl. 428-35.000.
  - Nozawa, Takamitsu; Kishi, Takao; and Iizuka, Shigeo, 4,530,449, Cl. 222-189.000.
  - Saito, Tadao; Kishi, Takao; and Kakuta, Yoshiyuki, 4,516,727, Cl. 239-333.000.
  - Saito, Tadao; and Ogawa, Riichi, 4,531,657, Cl. 222-108.000.
  - Sato, Nobuo, 4,505,372, Cl. 198-404.000.
  - Taguchi, Toshio; Akino, Hisashi; and Nozawa, Takamitsu, 4,513,877, Cl. 220-335.000.
  - Takada, Takuzo, 4,547,333, Cl. 264-532.000.
  - Tsukada, Takami; Akutsu, Masao; and Saito, Tadao, 4,511,418, Cl. 156-245.000.
- Yoshino, Kosei: *See—*
  - Fujii, Kunishisa; Yoshino, Kosei; and Nakazawa, Masami, 4,539,543, Cl. 335-281.000.
- Yoshino, Masahito: *See—*
  - Kitano, Masuo; and Yoshino, Masahito, 4,533,257, Cl. 368-202.000.
- Yoshino, Masaki, to Fuji Xerox Co., Ltd. Electrostatic printing method using heat sensitive thermal ink transfer. 4,532,865, 8-6-85, Cl. 101-426.000.
- Yoshino, Souichi; Kusanagi, Tadashi; and Mori, Masakazu, to Mitsubishi Denki Kabushiki Kaisha. Device for cooling semiconductor elements. 4,546,409, 10-8-85, Cl. 361-387.000.
- Yoshino, Tadashi; and Mamei, Masayuki, to Matsushita Electric Industrial Co., Ltd. Tape drive control apparatus. 4,497,459, 2-5-85, Cl. 242-186.000.
- Yoshino, Tadashi; and Mamei, Masayuki, to Matsushita Electric Industrial Co., Ltd. Tape driving control apparatus. 4,516,740, 5-14-85, Cl. 242-203.000.
- Yoshino, Takeshi: *See—*
  - Hara, Hiroshi; Tobioka, Takashi; Nishizawa, Tetuo; and Yoshino, Takeshi, 4,505,562, Cl. 354-203.000.
  - Hara, Hiroshi; Tobioka, Takashi; Yoshino, Takeshi; Nishikawa, Tetuo; and Sekine, Jiro, 4,530,582, Cl. 354-203.000.
- Yoshino, Tetsuya; Kageyama, Takashi; Kato, Kazuo; and Kishido, Takeshi, to Konishiroku Photo Industry Co., Ltd. Method and apparatus for coating. 4,548,837, 10-22-85, Cl. 427-209.000.
- Yoshino, Tetsuya: *See—*
  - Kishido, Takeshi; Yoshino, Tetsuya; Kageyama, Takashi; and Kato, Kazuo, 4,561,378, Cl. 118-62.000.
- Yoshino, Tooru: *See—*
  - Nakamura, Kazuharu; Matsumoto, Motoki; and Yoshino, Tooru, 4,543,057, Cl. 431-208.000.
  - Nakamura, Kazuharu; Matsumoto, Motoki; Yoshino, Tooru; and Tsuboi, Yoshimasa, 4,545,758, Cl. 431-208.000.
- Yoshino, Yasuhisa: *See—*
  - Kodera, Masao; Akita, Shigeyuki; and Yoshino, Yasuhisa, 4,524,356, Cl. 340-904.000.
- Yoshino, Yasuo: *See—*
  - Sarumaru, Kohei; Iwakura, Tomo[illegible]su; Yoshino, Yasuo; Ito, Toshimichi; Watanabe, Akikazu; and Mori, Mikio, 4,551,571, Cl. 585-440.000.
- Yoshinori, Ashida: *See—*
  - Tetsuya, Iwao; Reiji, Hirai; and Yoshinori, Ashida, 4,542,005, Cl. 423-347.000.
- Yoshinori Kidani: *See—*
  - Kidani, Yoshinori; and Noji, Masahide, 4,551,524, Cl. 536-121.000.
- Yoshioka, Akiteru: *See—*
  - Takaya, Takao; Takasugi, Hisashi; Murata, Masayoshi; and Yoshioka, Akiteru, 4,529,802, Cl. 548-194.000.
- Yoshioka, Atsushi: *See—*
  - Shibata, Akira; Wada, Isao; and Yoshioka, Atsushi, 4,533,961, Cl. 358-315.000.
- Yoshioka, Hayao: *See—*
  - Arakawa, Masatoshi; Yoshioka, Hayao; and Nakazawa, Kazuyoshi, 4,504,692, Cl. 585-633.000.
- Yoshioka, Hiroshi: *See—*
  - Kimura, Shigeo; Somezawa, Masashi; Hinoto, Yuji; and Yoshioka, Hiroshi, 4,501,801, Cl. 428-447.000.
  - Shiga, Akinobu; Naito, Yukio; Sasaki, Toshio; Kojima, Junpei; Yoshioka, Hiroshi; and Nunose, Akira, 4,514,512, Cl. 502-107.000.
- Yoshioka, Junichi; Koizumi, Koichi; Kanai, Akira; and Shiba, Kazuo, to Citizen Watch Co., Ltd. Composite guide mechanism. 4,523,410, 6-18-85, Cl. 51-166.00R.
- Yoshioka, Junichi: *See—*
  - Miyashita, Masakazu; Kanai, Akira; Yoshioka, Junichi; Koizumi, Koichi; Hashimoto, Fukuo; Daito, Michimasa; and Hasebe, Takashi, 4,528,074, Cl. 204-16.000.
- Yoshioka, Kazuo: *See—*
  - Atsumi, Akira; Oguni, Kensaku; Kuroda, Shigeaki; Senshu, Takao; and Yoshioka, Kazuo, 4,517,811, Cl. 62-197.000.
  - Atsumi, Akira; Oguni, Kensaku; Senshu, Takao; Terada, Hirokiyo; and Yoshioka, Kazuo, 4,551,983, Cl. 62-174.000.
  - Kato, Takashi; Yoshikawa, Tomio; Sato, Keiji; and Yoshioka, Kazuo, 4,557,114, Cl. 62-126.000.
- Yoshioka, Kentaro, to Oki Electric Industry Co., Ltd. Forming chan-stops by selectively implanting impurity ions through field-oxide layer during later stage of MOS-device fabrication. 4,494,304, 1-22-85, Cl. 29-578.000.
- Yoshioka, Kimitomo: *See—*
  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,501,736, Cl. 424-195.000.
  - Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,528,188, Cl. 424-116.000.
- Yoshioka, Kouichi; and Ochiai, Michihiko, to Takeda Chemical Industries, Ltd. Method of producing 2-azetidinone-1-sulfonic acid compounds. 4,533,495, 8-6-85, Cl. 260-239.00A.
- Yoshioka, Mamoru: *See—*
  - Suzuki, Makoto; Takimoto, Toshiyuki; Yoshioka, Mamoru; and Masui, Takatoshi, 4,527,529, Cl. 123-478.000.
- Yoshioka, Masahiro; Murakami, Masahiro; Irie, Yoichiro; Nakanishi, Tsugio; Tsutsui, Eiji; Iwao, Noriyuki; Hirobe, Junichi; and Wakikaido, Takahiro, to Mita Industrial Co., Ltd. Electrostatic copying process. 4,551,013, 11-5-85, Cl. 355-55.000.
- Yoshioka, Masahiro; Mizumoto, Muneo; and Yamada, Koichiro, to Hitachi, Ltd. Bearing support for turbochargers. 4,560,325, 12-24-85, Cl. 417-407.000.
- Yoshioka, Masahiro: *See—*
  - Tsutsui, Eiji; Yoshioka, Masahiro; Murakami, Masahiro; and Iwao, Noriyuki, 4,516,849, Cl. 355-15.000.

Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, to Shionogi & Co., Ltd. 1-Oxadethiacepham compounds. 4,504,659, 3-12-85, Cl. 544-92.000.
Yoshioka, Mitsuru; Shoichiro, Uyeo; Hamashima, Yoshio; Kikkawa, Ikuo; Tsuji, Teruji; and Nagata, Wataru, to Shionogi & Co., Ltd. 1-Oxadethiacepham compounds. 4,533,730, 8-6-85, Cl. 544-92.000.
Yoshioka, Mitsuru: *See—*
  Nagata, Wataru; Yoshioka, Mitsuru; Nishitani, Yasuhiro; Aoki, Tsutomu; Konoike, Toshiro; and Kubota, Tadatoshi, 4,529,721, Cl. 514-191.000.
  Ogawa, Yasunao; Noto, Akira; Mori, Sachio; and Yoshioka, Mitsuru, 4,552,841, Cl. 435-18.000.
Yoshioka, Osamu; Kajino, Isao; and Yamanaka, Seisuke, to Sony Corporation. Clamp circuit for use in video camera having image pick-up device. 4,553,169, 11-12-85, Cl. 358-221.000.
Yoshioka, Osamu: *See—*
  Yamanaka, Seisuke; Sase, Masatoshi; Yoshioka, Osamu; and Kajino, Isao, 4,556,912, Cl. 358-213.000.
Yoshioka, Ryuzo: *See—*
  Chibata, Ichiro; Yamada, Shigeki; Hongo, Chikara; and Yoshioka, Ryuzo, 4,519,955, Cl. 260-501.120.
Yoshioka, Sadashichi: *See—*
  Oda, Tatsuro; Tanaka, Hideki; Yoshioka, Sadashichi; and Yokooku, Katsuhiko, 4,508,076, Cl. 123-339.000.
Yoshioka, Shigehiko; Yamada, Hideto; Goto, Kimihiko; Adachi, Yoshio; and Miyahana, Kazuo, to Seiko Kagaku Kogyo Co., Ltd. Process for sizing paper and process for making plasterboard base paper sized thereby. 4,533,434, 8-6-85, Cl. 162-124.000.
Yoshioka, Shigeyoshi, to Atago Bussan Co. Ltd. Diffraction grating mounting device for scanning monochromator. 4,560,276, 12-24-85, Cl. 356-334.000.
Yoshioka, Sumio: *See—*
  Iwamoto, Masatami; Nakamura, Shiro; Miyazaki, Masayuki; and Yoshioka, Sumio, 4,532,445, Cl. 310-52.000.
Yoshioka, Takatoshi; Kirihara, Seishin; Siga, Masao; Yoshida, Takehiko; Hisano, Katsukuni; Tan, Toshimi; and Kobayashi, Masahiro, to Hitachi, Ltd. Rotor shaft of steam turbine. 4,504,554, 3-12-85, Cl. 428-683.000.
Yoshioka, Takatoshi: *See—*
  Siga, Masao; Kirihara, Seishin; Yoshioka, Takatoshi; Hisano, Katsukuni; Tan, Toshimi; Akutsu, Yoji; and Kobayashi, Kei, 4,497,670, Cl. 148-12.00R.
Yoshioka, Takeo; Yamamoto, Kenichi; Fukagawa, Yasuo; Shimauchi, Yasutaka; and Ishikura, Tomoyuki, to Sanraku-Ocean Co., Ltd. β-Lactam derivatives and process for production thereof. 4,517,127, 5-14-85, Cl. 260-245.20T.
Yoshioka, Takeo: *See—*
  Kubo, Katsuro; Yoshioka, Takeo; Okabe, Mitsuyasu; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,508,648, Cl. 260-245.20T.
  Shibamoto, Norio; Yoshioka, Takeo; Fukagawa, Yasuo; and Ishikura, Tomoyuki, 4,528,397, Cl. 514-400.000.
Yoshioka, Tamotsu: *See—*
  Ishikura, Shinichi; Yoshioka, Tamotsu; and Mizuguchi, Ryuzo, 4,543,216, Cl. 260-501.120.
Yoshioka, Toshiharu, to Honda Giken Kogyo Kabushiki Kaisha. Front fork reinforcing structure in motor bicycle or the like. 4,512,592, 4-23-85, Cl. 280-279.000.
Yoshioka, Toshio: *See—*
  Murata, Seiichiro; Yoshioka, Toshio; Kamei, Sakito; Hiramatsu, Yoshitada; Takeuchi, Shin; and Yamawaki, Yoshiro, 4,548,154, Cl. 114-355.000.
  Ohki, Tomio; and Yoshioka, Toshio, 4,532,890, Cl. 119-1.000.
Yoshioka, Yasuhiko: *See—*
  Sakuta, Masaharu; Kiya, Soichi; Uchizaki, Iwao; Yoshioka, Yasuhiko; Ito, Koichi; Kaya, Tadahiro; Shioya, Tsunetoshi; Shimoyama, Yoshifumi; and Yamakawa, Hiroyuki, 4,508,572, Cl. 106-90.000.
Yoshioka, Yoshihiro: *See—*
  Kimura, Toshihiro; Takasaki, Kazuhiro; Harima, Hiroshi; and Yoshioka, Yoshihiro, 4,532,298, Cl. 525-96.000.
Yoshioka, Yoshio: *See—*
  Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, 4,542,219, Cl. 546-22.000.
  Hozumi, Motoo; Tsushima, Susumu; and Yoshioka, Yoshio, 4,544,512, Cl. 260-925.000.
  Hozumi, Motoo; Nomura, Hiroaki; and Yoshioka, Yoshio, 4,551,532, Cl. 546-22.000.
  Yamaguchi, Motoo; Sone, Isamu; Hirasawa, Kunio; Yoshioka, Yoshio; Nishikawa, Akio; Suzuki, Hiroshi; Sato, Mikio; and Hosokawa, Masao, 4,562,322, Cl. 200-148.00G.
Yoshioka, Yukio: *See—*
  Shinoda, Akibumi; Yoshioka, Yukio; and Kato, Akio, 4,505,635, Cl. 414-667.000.
Yoshisato, Akiyuki; and Iijima, Kohta, to Alps Electric Co., Ltd. Capacitance detector for video disk. 4,535,435, 8-13-85, Cl. 369-126.000.
Yoshisato, Akiyuki, to Alps Electric Co., Ltd. Video clamping circuit. 4,544,951, 10-1-85, Cl. 358-172.000.
Yoshisato, Akiyuki, to Alps Electric Co., Ltd. Indoor unit of receiver for broadcasting satellite. 4,556,988, 12-3-85, Cl. 455-182.000.
Yoshitake, Akira: *See—*
  Murakami, Yoshiaki; Shiba, Kunio; Yoshitake, Akira; Takahashi, Keietsu; Ueda, Nobuo; and Hazue, Masaaki, 4,556,689, Cl. 525-54.100.
Yoshitake, Hideki: *See—*
  Kinoshita, Hisashi; Yoshitake, Hideki; and Kake, Nin, 4,523,134, Cl. 318-313.000.
Yoshitomi Pharmaceutical Industries, Ltd.: *See—*
  Arizono, Kenzo; Terasawa, Michio; and Nobutoki, Michiharu, 4,525,348, Cl. 424-81.000.
  Goto, Kazuhiro; Yaoka, Osamu; and Oe, Takanori, 4,555,510, Cl. 514-291.000.
  Hanayama, Naoki; Kaku, Eisaburo; and Kinishi, Ryoichi, 4,558,335, Cl. 346-209.000.
  Nakao, Toru; Ikebe, Tsuguo; Tahara, Tetsuya; Maruyama, Yutaka; and Yaoka, Osamu, 4,543,354, Cl. 514-238.000.
  Tahara, Tetsuya; Arita, Masafumi; and Kuroda, Tsuyoshi, 4,546,107, Cl. 514-411.000.
  Tashiro, Chiaki; Kawakita, Takeshi; Horii, Ichiro; and Anami, Koretake, 4,514,403, Cl. 514-274.000.
  Umekawa, Osamu; and Katayama, Sakae, 4,518,610, Cl. 514-516.000.
Yoshitomi, Tatsuo: *See—*
  Endo, Mitsushi; Taniguchi, Toshiaki; Sahara, Teruyoshi; Hayakawa, Noriyuki; Yoshitomi, Tatsuo; Takahashi, Kozo; Nagatani, Yoshiteru; Kawai, Hidenao; Kaizyo, Shuichi; Nakagawa, Yoichi; Yamagami, Kazuo; Takizawa, Teruo; and Suzuki, Tomio, 4,549,472, Cl. 98-34.600.
Yoshitomi, Toshihiko: *See—*
  Takahashi, Kiyoshi; Konagai, Makoto; Yoshitomi, Toshihiko; and Omori, Takeshi, 4,551,575, Cl. 136-255.000.
Yoshitsugu, Noritada, to Toyota Jidosha Kabushiki Kaisha. Guide rail for automatic seat belt. 4,560,187, 12-24-85, Cl. 280-804.000.
Yoshitsugu, Noritada: *See—*
  Suzuki, Ichiro; Motonami, Masanao; Yamada, Makoto; and Yoshitsugu, Noritada, 4,546,998, Cl. 280-807.000.
Yoshiyama, Harumichi: *See—*
  Nakahara, Kichio; Matsui, Hiroshi; and Yoshiyama, Harumichi, 4,532,896, Cl. 123-193.00H.
Yoshiyama, Toshio: *See—*
  Iseki, Masahide; Yoshiyama, Toshio; Kajita, Hiroshi; Itakiyo, Masanori; Kusumoto, Hiroshi; Kawamori, Yoshizo; and Kawamoto, Masuo, 4,555,173, Cl. 355-3.00R.
  Tsudaka, Hideaki; Washio, Takaji; Kozuka, Nobuhiko; Iseki, Masahide; Watanabe, Toshio; Kai, Masami; Yoshiyama, Toshio; and Sakata, Hiromi, 4,511,241, Cl. 355-14.0CU.
Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, to Mitsubishi Denki Kabushiki Kaisha. Circuit breaker with arc light absorber. 4,516,003, 5-7-85, Cl. 200-144.00C.
Yoshiyasu, Hajimu; Murata, Shirou; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, to Mitsubishi Denki Kabushiki Kaisha. Circuit breaker with arc light absorber. 4,521,653, 6-4-85, Cl. 200-144.00C.
Yoshiyasu, Hajimu: *See—*
  Murata, Shirou; Yoshiyasu, Hajimu; Hisatsune, Fumiyuki; Yamagata, Shinji; and Terachi, Junichi, 4,516,002, Cl. 200-144.00C.
Yoshiyuki, Iwaki; Akio, Matsumoto; and Mitsuyoshi, Yokota, to Mitsubishi Denki Kabushiki Kaisha. Alternating current generator system for a car. 4,560,916, 12-24-85, Cl. 322-86.000.
Yoshiyuki, Sasaki; and Mitsuo, Matsumoto, to Teijin Limited. Heat-durable spun-like fasciated yarn and method for producing the same. 4,505,100, 3-19-85, Cl. 57-207.000.
Yoshiyuki, Takada; and Haruhisa, Tamura, to Matsushita Electric Industrial Co., Ltd. High frequency heating appliance having protection against rush currents. 4,556,773, 12-3-85, Cl. 219-10.55C.
Yoshizaki, Akira: *See—*
  Ueda, Hiroshi; Yoshizaki, Akira; and Masaki, Yasuo, 4,560,261, Cl. 354-121.000.
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  Mori, Toshihito; Yoshizaki, Hideo; and Hasegawa, Akio, 4,505,893, Cl. 424-94.000.
  Murakami, Akira; and Yoshizaki, Hideo, 4,552,760, Cl. 424-94.000.
Yoshizaki, Kazuo: *See—*
  Tanimura, Nobuyoshi; Yamamoto, Sho; Yoshizaki, Kazuo; and Akima, Isao, 4,509,147, Cl. 365-190.000.
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  Matsubara, Kazunori; Yoshizaki, Masanori; Mifune, Takao; Nakamura, Kenichi; Endo, Yukio; Takamatsu, Hidetoshi; Saito, Yutaka; and Kawana, Takeshi, 4,543,708, Cl. 29-598.000.
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  Yazu, Kazumasa; Adachi, Yasuto; and Yoshizaki, Takayoshi, 4,501,610, Cl. 75-0.5AA.
Yoshizawa, Akinori; Nakane, Yasuo; Hagimori, Kenji; Ohgai, Koya; Arisawa, Norisada; Takahashi, Tadashi; Maekawara, Hideaki; Imaizumi, Hiroyuki; Tsuchida, Hideyuki; Mieno, Eiichirou; and Sugino, Kenji, to Toho Zinc Co., Ltd.; and Yoshizawa, Akinori. Process for producing superfines of metal. 4,526,611, 7-2-85, Cl. 75-0.50B.
Yoshizawa, Fukashi, to Olympus Optical Co., Ltd. Speed control apparatus for d.c. motor. 4,527,104, 7-2-85, Cl. 318-331.000.
Yoshizawa, Hirokatsu: *See—*
  Yamakawa, Tsutomu; and Yoshizawa, Hirokatsu, 4,529,883, Cl. 250-363.00S.
Yoshizawa, Hiroshi: *See—*
  Nishikawa, Masao; Hattori, Torao; Aoki, Takashi; and Yoshizawa, Hiroshi, 4,513,638, Cl. 74-866.000.
  Nishikawa, Masao; Aoki, Takashi; Sakai, Shinzo; and Yoshizawa, Hiroshi, 4,516,671, Cl. 192-.076.
  Nishikawa, Masao; Aoki, Takashi; Sato, Yoichi; and Yoshizawa, Hiroshi, 4,534,236, Cl. 74-364.000.

- Yoshizawa, Hiroyuki: *See—*
  - Maehara, Toshifumi; and Yoshizawa, Hiroyuki, 4,555,145, Cl. 303-92.000.
- Yoshizawa, Keiichi, to TDK Corporation. Casing for a video tape cassette. 4,501,359, 2-26-85, Cl. 206-387.000.
- Yoshizawa, Kenji; Kodama, Hitoshi; Minowa, Yoshibumi; Komura, Hirotsugu; and Ito, Hiroshi, to Mitsubishi Denki Kabushiki Kaisha. Microwave generated plasma light source apparatus. 4,498,029, 2-5-85, Cl. 315-39.000.
- Yoshizawa, Masao: *See—*
  - Sakakibara, Mitsuhiko; Yoshizawa, Masao; Ogawa, Masaki; Hirata, Yasushi; and Tomihira, Shigeru, 4,515,922, Cl. 525-99.000.
- Yoshizawa, Michisuke: *See—*
  - Takamiya, Sanshiro; Yoshizawa, Michisuke; and Suzuki, Akira, 4,556,997, Cl. 623-3.000.
- Yoshizawa, Shuji, to Tokyo Shibaura Denki Kabushiki Kaisha. Film-fabricating method and apparatus for the same. 4,526,805, 7-2-85, Cl. 427-38.000.
- Yoshizawa, Shuji: *See—*
  - Suzuki, Katsumi; and Yoshizawa, Shuji, 4,501,766, Cl. 427-38.000.
- Yoshizawa, Toshikazu; and Fujita, Takafumi, to Bridgestone Tire Company Limited. Earthquake insulating bearing assembly. 4,527,365, 7-9-85, Cl. 52-67.000.
- Yoshizawa, Toyokichi: *See—*
  - Nozawa, Koohei; Yoshizawa, Toyokichi; and Kuroda, Toshio, 4,537,967, Cl. 546-141.000.
- Yoshizawa, Yoshikazu: *See—*
  - Kato, Takaaki; Kato, Takeshi; and Yoshizawa, Yoshikazu, 4,497,037, Cl. 364-900.000.
- Yoshizoe, Teruhide: *See—*
  - Osada, Noboru; Kanamori, Akira; Kimura, Takashi; Moroto, Seiro; Horie, Hideo; and Yoshizoe, Teruhide, 4,492,991, Cl. 360-70.000.
- Yoshizu, Satoru: *See—*
  - Nakamura, Mitsugu; Yoshizu, Satoru; Sakata, Teiichi; and Yatabe, Hiroyuki, 4,545,627, Cl. 384-585.000.
- Yoshizumi, Hajime; Toyoshima, Kumao; Hakura, Akira; and Nakanishi, Toshihiro, to Suntory Limited. Polypeptide carcinostatic agent. 4,497,799, 2-5-85, Cl. 514-9.000.
- Yoshizumi, Hajime; Matsumoto, Nobuya; Fukuda, Osamu; and Fukushi, Osamu, to Suntory Limited. Process for producing alcohol by fermentation without cooking. 4,514,496, 4-30-85, Cl. 435-162.000.
- Yoshizumi, Keiichi: *See—*
  - Saimi, Tetsuo; and Yoshizumi, Keiichi, 4,507,766, Cl. 369-45.000.
- Yoshizumi, Toshiaki, to Mitsubishi Denki Kabushiki Kaisha. Resistor-type disconnecting switch for circuit breaker. 4,500,762, 2-19-85, Cl. 200-144.0AP.
- Yoshizumi, Toshiaki, to Mitsubishi Denki Kabushiki Kaisha. Spring-operated mechanism. 4,524,637, 6-25-85, Cl. 74-569.000.
- Yoskikawa, Kuniyoshi: *See—*
  - Iwahashi, Hiroshi; Asano, Masamichi; Yoskikawa, Kuniyoshi; and Mito, Masazi, 4,495,693, Cl. 29-571.000.
- Yost, Donald A.: *See—*
  - Goff, Jerry K.; Marinko, Joseph A., Jr.; Venditto, Joseph G., Jr.; and Yost, Donald A., 4,562,386, Cl. 318-254.000.
- Yost, James O.: *See—*
  - Adkins, Richard C.; and Yost, James O., 4,497,445, Cl. 239-590.000.
- Yost, Marvin E.: *See—*
  - Cantu, Lisa A.; Yost, Marvin E.; Coffee, Robert L.; and Stolhand, James E., 4,527,626, Cl. 166-275.000.
- Yost, Michael G.: *See—*
  - Gehlke, Scott J. S.; Yost, Michael G.; and Steinman, Arnold J., 4,542,434, Cl. 361-231.000.
- Yost, Robert B.: *See—*
  - Marino, John A.; Strohl, Roderick G., Jr.; and Yost, Robert B., 4,559,009, Cl. 431-184.000.
- Yost, Thomas D.: *See—*
  - Shanley, Robert L., II; Yost, Thomas D.; and Lagoni, William A., 4,554,577, Cl. 358-34.000.
- Yost, William G., Jr. Ski rack. 4,508,229, 4-2-85, Cl. 211-70.500.
- Yotsuami Limited: *See—*
  - Nakanishi, Hitoshi; and Ogura, Hiroyuki, 4,550,938, Cl. 289-1.200.
- Yotsui, Yasuhiko: *See—*
  - Suzuki, Takeshi; Murao, Mikio; Uchida, Masahiro; Kumagai, Chikanori; and Yotsui, Yasuhiko, 4,492,570, Cl. 432-106.000.
- Yotsumoto, Toshiyuki: *See—*
  - Umemoto, Tomeo; and Yotsumoto, Toshiyuki, 4,528,872, Cl. 74-781.00R.
- You, Chin-San. Ski construction. 4,530,871, 7-23-85, Cl. 428-111.000.
- You, Chin-San. Golf club head construction. 4,555,115, 11-26-85, Cl. 273-167.00R.
- You, Young S., to Hewlett-Packard Company. Anti-wetting in fluid nozzles. 4,555,062, 11-26-85, Cl. 239-690.000.
- Youcha, Jack. Multiple lens cover for solar heating panel. 4,509,502, 4-9-85, Cl. 126-440.000.
- Youichi, Yokoyama; and Hideya, Kondo, to Matsushita Electric Works, Ltd. Remote control system circuit breaker. 4,529,951, 7-16-85, Cl. 335-13.000.
- Youle, Richard J.: *See—*
  - Neville, David M., Jr.; and Youle, Richard J., 4,500,637, Cl. 435-2.000.
  - Neville, David M., Jr.; and Youle, Richard J., 4,520,011, Cl. 424-85.000.
  - Neville, David M., Jr.; and Youle, Richard J., 4,520,226, Cl. 424-85.000.
- Younan, Hany R.: *See—*
  - Isherwood, David P.; and Younan, Hany R., 4,546,654, Cl. 73-844.000.
- Younes, Usama E., to Atlantic Richfield Company. Alternating copolymer of brominated styrene and N-brominated phenyl maleimide. 4,508,883, 4-2-85, Cl. 526-262.000.
- Young, A. Mark: *See—*
  - Hugus, George D.; and Young, A. Mark, 4,556,963, Cl. 367-143.000.
- Young, Alan S.: *See—*
  - Pigott, Keith R.; Macartney, Michael J.; and Young, Alan S., 4,548,419, Cl. 280-203.000.
- Young, Alastair J.; Arrowsmith, David R.; and Parsons, David, to Automotive Products plc. Hydraulic slave cylinder with latch means for use with clutch release bearing. 4,561,531, 12-31-85, Cl. 192-85.0CA.
- Young, Bill M.: *See—*
  - Borchardt, John K.; and Young, Bill M., 4,497,596, Cl. 405-263.000.
  - Borchardt, John K.; and Young, Bill M., 4,536,305, Cl. 252-8.55R.
  - Borchardt, John K.; and Young, Bill M., 4,558,741, Cl. 166-275.000.
- Young, Bobby: *See—*
  - Cantwell, Thomas; Simon, William; and Young, Bobby, 4,557,139, Cl. 73-40.700.
- Young, Charles J.: *See—*
  - Bachman, Brett L.; Nealon, James T.; and Young, Charles J., 4,493,025, Cl. 364-200.000.
  - Baxter, Ward, II; Clancy, Gerald F.; Gruner, Ronald H.; Mundie, Craig J.; Bachman, Brett L.; Redfield, Stephen R.; Coder, William N.; Jones, Thomas M.; Houseman, David L.; Young, Charles J.; and Haeffele, Steven M., 4,493,024, Cl. 364-200.000.
- Young, Christopher M.; and Cowen, Steven J., to United States of America, Navy. Retro-reflective alignment technique for fiber optical connectors. 4,545,643, 10-8-85, Cl. 350-96.200.
- Young, Christopher M.: *See—*
  - Cowen, Steven J.; and Young, Christopher M., 4,509,827, Cl. 350-320.000.
- Young, Clinton J. T., to Vasco, Ltd. Variable aspect display. 4,542,958, 9-24-85, Cl. 350-167.000.
- Young, Colin G., to Emco Wheaton (International Limited). Fuel control system for gaseous fueled engines. 4,505,249, 3-19-85, Cl. 123-527.000.
- Young, Colin G., to Emco Wheaton (International) Limited. Gaseous fuel carburetion system. 4,541,397, 9-17-85, Cl. 123-527.000.
- Young, Cynthia A.; Schaumberg, John P.; Hokanson, Gerard C.; French, James C.; and Tunac, Josefino B., to Warner-Lambert Company. CL-1724 Antibiotic compounds, their production and use. 4,554,162, 11-19-85, Cl. 424-117.000.
- Young, Dan B.: *See—*
  - Dyson, Lewis R.; Young, Dan B.; and Cook, Stuart A., 4,504,241, Cl. 446-304.000.
- Young, David A.; and Hummel, William H., to Draw-Tite, Inc. Drawbar cover. 4,509,770, 4-9-85, Cl. 280-507.000.
- Young, David E., to Protectair Limited. Urethral catheter. 4,500,313, 2-19-85, Cl. 604-280.000.
- Young, David E., to Smith International, Inc. Drilling head. 4,526,243, 7-2-85, Cl. 175-195.000.
- Young, David E. Rotating shaft seal and bearing lubricating apparatus. 4,548,283, 10-22-85, Cl. 175-107.000.
- Young, David E.; and Boyes, David H., to Universal House. Fracture cast braces. 4,559,935, 12-24-85, Cl. 128-88.000.
- Young, Dean A.; and Koepke, Jeffery W., to Union Oil Company of California. Chemical reaction promoted by catalytically active amorphous silica. 4,501,925, 2-26-85, Cl. 585-467.000.
- Young, Dean A.; and Koepke, Jeffery W., to Union Oil Company of California. Polymerization and oligomerization with catalytically active amorphous silica. 4,513,158, 4-23-85, Cl. 585-527.000.
- Young, Dean A., to Union Oil Company of California. Crystalline silica catalysts. 4,518,703, 5-21-85, Cl. 502-63.000.
- Young, Dean A.; and Koepke, Jeffery W., to Union Oil Company of California. Hydrocracking with catalytically active amorphous silica and zeolites. 4,548,705, 10-22-85, Cl. 208-111.000.
- Young, Delton W., to Goodyear Tire & Rubber Company, The. Sole for boots and shoes. 4,501,077, 2-26-85, Cl. 36-32.00R.
- Young, Dennis, to British Petroleum Company p.l.c., The. Aromatics production. 4,497,970, 2-5-85, Cl. 585-417.000.
- Young, Dennis: *See—*
  - Ball, William J.; Barri, Sami A. I.; and Young, Dennis, 4,533,649, Cl. 502-71.000.
  - Heyward, Malcolm P.; and Young, Dennis, 4,543,347, Cl. 502-61.000.
- Young, Dennis L.: *See—*
  - Boeckman, Paul A.; and Young, Dennis L., 4,519,578, Cl. 251-163.000.
- Young, Donald A.; and Wilson, Ronald, to Lucas Industries Inc. Starter motor incorporating an epicyclic reduction gear mechanism. 4,528,470, 7-9-85, Cl. 310-78.000.
- Young, Donald C., to Union Oil Company of California. Compositions containing urea, ammonia, and water. 4,508,558, 4-2-85, Cl. 71-30.000.
- Young, Donald C., to Union Oil Company of California. Method for treating wooden articles. 4,512,813, 4-23-85, Cl. 134-27.000.
- Young, Donald C., to Union Oil Company of California. Method for selectively controlling plant suckers. 4,522,644, 6-11-85, Cl. 71-78.000.
- Young, Donald C.; and Green, James A., II, to Union Oil Company of California. Method of soil nitrification inhibition by application of a stabilized fumigant composition. 4,551,167, 11-5-85, Cl. 71-64.100.

- Young, Donald C., to Union Oil Company of California. Nitrogen fertilization. 4,559,076, 12-17-85, Cl. 71-29.000.
- Young, Donald C.: *See—*
  - Watkins, David R.; Knight, Robert K.; Young, Donald C.; and Kalfayan, Leonard J., 4,549,609, Cl. 166-303.000.
- Young, Donald J.: *See—*
  - Morris, Ernest E.; and Young, Donald J., 4,541,191, Cl. 42-1.00A.
- Young, Edgar D.: *See—*
  - Gilson, Richard D.; and Young, Edgar D., 4,542,964, Cl. 351-44.000.
- Young, Fred D., to Boeing Company, The. Ultrasonic linear array water nozzle and method. 4,558,598, 12-17-85, Cl. 73-644.000.
- Young, Gillian A.: *See—*
  - Nicks, Peter F.; and Young, Gillian A., 4,552,908, Cl. 523-504.000.
- Young, Harlan S.: *See—*
  - Hatchadoorian, Edward; Ostapchenko, George J.; Patton, James L.; and Young, Harlan S., 4,526,831, Cl. 428-287.000.
- Young, Hartley F.; Remes, Wally A.; and Collins, John L., to Ralph McKay Limited. Rail fastener applicator. 4,494,463, 1-22-85, Cl. 104-17.00A.
- Young, Harvey R., to United States of America, Army. Power management process. 4,514,142, 4-30-85, Cl. 416-1.000.
- Young, Harvey T., to American Hospital Supply Corporation. Roller clamp controller. 4,553,963, 11-19-85, Cl. 604-246.000.
- Young, Horace J.; Becker, Robert F.; and Will, Brian C. Drill pipe handling and placement apparatus. 4,547,109, 10-15-85, Cl. 414-22.000.
- Young, Iain M.: *See—*
  - Whatmore, Roger W.; and Young, Iain M., 4,523,119, Cl. 310-313.00A.
- Young, Ian R., to Picker International Limited. Nuclear magnetic resonance imaging apparatus. 4,534,358, 8-13-85, Cl. 128-653.000.
- Young, Ian R., to Picker International Limited. Cored magnet with lightweight large area pole pieces. 4,553,122, 11-12-85, Cl. 335-296.000.
- Young, Ian R., to Picker International Limited. Nuclear magnetic resonance imaging method. 4,554,925, 11-26-85, Cl. 128-653.000.
- Young, Ian R., to Picker International Limited. Nuclear magnetic resonance methods and apparatus. 4,558,278, 12-10-85, Cl. 324-309.000.
- Young, Ian R.: *See—*
  - Burl, Michael; and Young, Ian R., 4,520,828, Cl. 128-653.000.
- Young, James: *See—*
  - Hanak, Joseph J.; Nath, Prem; Izu, Masatsugu; and Young, James, 4,530,739, Cl. 204-4.000.
- Young, James A.; and Hartzell, David W. Method of and apparatus for processing squid. 4,528,720, 7-16-85, Cl. 17-50.000.
- Young, James E. Solar heating system. 4,509,503, 4-9-85, Cl. 126-452.000.
- Young, James G.: *See—*
  - Colliopoulos, John A.; Paul, David B.; and Young, James G., 4,548,806, Cl. 424-35.000.
- Young, James M. Device for magnetically reclaiming oil from water. 4,497,708, 2-5-85, Cl. 210-222.000
- Young, James P., to Rockwell International Corporation. Low noise feedback amplifier. 4,553,108, 11-12-85, Cl. 330-300.000.
- Young, James P., to Rockwell International Corporation. High speed AGC circuit. 4,560,949, 12-24-85, Cl. 330-284.000.
- Young, James R.; and VanBreemen, Bertram, to RCA Corporation. Projection television receiver with unitary optics frame. 4,506,295, 3-19-85, Cl. 358-60.000.
- Young, James R., to General Electric Company. Hydrocarbon getter pump. 4,515,528, 5-7-85, Cl. 417-51.000.
- Young, James V.: *See—*
  - Muchisky, Thomas P.; and Young, James V., 4,550,901, Cl. 269-328.000.
- Young, Jeffrey E., to Lanier Business Products, Inc. Continuous loop cassette changer apparatus for a dictation/transcription system. 4,510,539, 4-9-85, Cl. 360-92.000.
- Young, John A.: *See—*
  - Simon, Jules A.; Young, John A.; Ford, Michael D.; and Bourgeois, Harold C., 4,507,208, Cl. 210-721.000.
- Young, John B.: *See—*
  - Nikkel, Willem A.; and Young, John B., 4,495,890, Cl. 118-674.000.
- Young, John E. G., to General Signal Corporation. Control device for a hydrostatic transmission. 4,527,393. 7-9-85, Cl. 60-327.000.
- Young, John K.; and Barthel, Alfred, to Union Carbide Corporation. Shipping container for storing materials at cryogenic temperatures. 4,495,775, 1-29-85, Cl. 62-48.000.
- Young, John N.: *See—*
  - Worth, Charles C.; and Young, John N., 4,535,954, Cl. 242-84.52B.
- Young, John R.: *See—*
  - Axford, Robin; and Young, John R., 4,528,882, Cl. 83-522.000.
- Young, John S., to GTE Automatic Electric Laboratories Incorporated. Ringing generator testing arrangement for a digital telephone network. 4,496,800, 1-29-85, Cl. 179-175.20R.
- Young, John S.: *See—*
  - Daniels, William R.; and Young, John S., 4,551,585, Cl. 179-175.30R.
  - Daniels, William R.; and Young, John S., 4,552,997, Cl. 179-175.30R.
- Young, Jorge A.; and Khandwala, Bhupendra J., to Figgie International Inc. Card reader for time and attendance. 4,538,056, 8-27-85, Cl. 235-377.000.
- Young, Jorge A.; and Khandwala, Bhupendra J., to Figgie International Inc. Card reader with buffer for degraded mode. 4,544,832, 10-1-85, Cl. 235-377.000.
- Young, Kenneth M.: *See—*
  - Ruitberg, Arthur P.; and Young, Kenneth M., 4,517,472, Cl. 307-82.000.
- Young, Kenneth P.: *See—*
  - Gullotti, Damian V.; Winter, Joseph; Young, Kenneth P.; and Evans, Robert D., 4,524,820, Cl. 164-476.000.
  - Kenney, Malachi P.; Young, Kenneth P.; and Koch, Alan A., 4,557,605, Cl. 366-134.000.
- Young-Koo, Ahn, to Jeco Precision Co., Ltd. Multi-orientable clock and stand. 4,491,425, 1-1-85, Cl. 368-317.000.
- Young, Larry W.: *See—*
  - Mak, Randall L.; and Young, Larry W., 4,524,571, Cl. 56-98.000
- Young, Lawrence C., to Double E Company Inc. Positive retracting mechanical expansible shaft. 4,492,346, 1-8-85, Cl. 242-72.100.
- Young, Leo, to United States of America, Navy. Frequency-spreading coupler. 4,496,876, 1-29-85, Cl. 315-4.000.
- Young, Lock R., to Harris Corporation. Symmetrically-configured variable ratio power combiner using septum polarizer and quarter-wave plate. 4,492,938, 1-8-85, Cl. 333-111.000.
- Young, Michael S. Endotracheal tube holder. 4,520,813, 6-4-85, Cl. 128-207.170.
- Young, Murray M., to University of Waterloo. Bioconversion of agricultural wastes into proteinaceous animal feed. 4,526,791, 7-2-85, Cl. 426-53.000.
- Young, Niels O., to Helix Technology Corporation. Cryogenic refrigeration system with linear drive motors. 4,545,209, 10-8-85, Cl. 62-6.000.
- Young, Niels O., to Helix Technology Corporation. Linear motor compressor with clearance seals and gas bearings. 4,545,738, 10-8-85, Cl. 417-53.000.
- Young, Niels O., to Helix Technology Corporation. Linear motor compressor with pressure stabilization ports for use in refrigeration systems. 4,553,398, 11-19-85, Cl. 62-6.000.
- Young, Patrick J.: *See—*
  - Harshbarger, Harry F.; Kurz, John L.; and Young, Patrick J., 4,534,192, Cl. 70-118.000.
- Young, Peter L., to Sperry Corporation. Method of making high reliability lead-alloy Josephson junction. 4,496,648, 1-29-85, Cl. 430-312.000.
- Young, Quentin H., to Southern Steel Company. Door locking system. 4,509,347, 4-9-85, Cl. 70-129.000.
- Young, Randall S.; and Fredericks, Ronald D., Jr., to Dairy & Food Labs, Inc. Composition having neutralized differential infrared absorbency. 4,510,072, 4-9-85, Cl. 252-380.000.
- Young, Raymond H.; Morris, Horton H.; and Brooks, Robert L., to Freeport Kaolin Company. Method of treating clay to improve its whiteness. 4,492,628, 1-8-85, Cl. 209-5.000.
- Young, Raymond H., to Freeport Kaolin Company. Method of conditioning clay for flotation using in situ ferrous activator. 4,501,658, 2-26-85, Cl. 209-5.000.
- Young, Raymond W., to Amity Leather Products Co. Money clip and wallet. 4,540,034, 9-10-85, Cl. 150-137.000.
- Young, Richard G.: *See—*
  - Walles, Wilhelm E.; Keskey, William H.; and Young, Richard G., 4,533,484, Cl. 252-117.000.
- Young, Richard K. Tube and shell heat exchanger with annular distributor. 4,539,940, 9-10-85, Cl. 122-32.000.
- Young, Robert E.: *See—*
  - Bridgewater, Bobbie D.; and Young, Robert E., 4,527,986, Cl. 464-73.000.
- Young, Robert F.: *See—*
  - Broughton, George L.; Higby, Jeffrey P.; and Young, Robert F., 4,525,149, Cl. 440-1.000.
  - Hall, Charles B.; McBride, Edward D.; and Young, Robert F., 4,498,871, Cl. 440-61.000.
- Young, Robert R.: *See—*
  - English, William A.; and Young, Robert R., 4,516,916, Cl. 417-368.000.
- Young, Robert S.; and Leopard, Wilton. Chimney cleaning tool. 4,534,080, 8-13-85, Cl. 15-23.000.
- Young, Robert W. Quick positioning cut-off guide for hand power saws. 4,494,434, 1-22-85, Cl. 83-745.000.
- Young, Robert W.; Prussin, Samuel; and Gaylord, Norman G. Adherent controlled release microbiocides containing hydrolyzable silanes and organic titanium compounds. 4,500,337, 2-19-85, Cl. 71-67.000.
- Young, Robert W.; Prussin, Samuel, deceased (by Prussin, Shirley, executor); and Gaylord, Norman G. Adherent controlled release microbiocides containing hydrolyzable organic titanium compounds. 4,500,338, 2-19-85, Cl. 71-67.000.
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- Young, Rodney C.: *See—*
  - Brown, Thomas H.; and Young, Rodney C., 4,521,625, Cl. 564-461.000.
  - Jones, Martin; and Young, Rodney C., 4,547,512, Cl. 514-341.000.
  - Roantree, Michael L.; and Young, Rodney C., 4,525,477, Cl. 514-333.000.
- Young, Ronald E.; and Meulners, Duane C., to Dymek Corporation. Diagnostic recording. 4,513,333, 4-23-85, Cl. 360-77.000.
- Young, Roy E.; Stricklin, Douglas K.; and Givens, Henry M. W. Highly maneuverable prime mover. 4,498,554, 2-12-85, Cl. 180-236.000.

Young, Russel L.; and Margerum, David E., to Armco Inc. Radio frequency induction heating device. 4,527,032, 7-2-85, Cl. 219-10.61R.
Young, Russel L.: *See—*
  Schoen, Jerry W.; and Young, Russel L., 4,545,828, Cl. 148-111.000.
  Schoen, Jerry W.; and Young, Russel L., 4,554,029, Cl. 148-112.000.
Young, Russell. Semi-jacketed bullet having integral jacket retaining means, and method of making. 4,503,777, 3-12-85, Cl. 102-514.000.
Young Sangyo Co., Ltd.: *See—*
  Horimoto, Yukihiro, 4,547,171, Cl. 446-370.000.
Young, Scott C. Commode anti-splash device and method. 4,535,491, 8-20-85, Cl. 4-658.000.
Young, Steven D., to Merck & Co., Inc. Dioxobenzocyclo-hepta-pyridine compounds, process and use as antihypertensives. 4,542,138, 9-17-85, Cl. 514-290.000.
Young, Terry G., to Joy Manufacturing Company. High pressure sensor base. 4,494,568, 1-22-85, Cl. 137-561.00A.
Young, Terry G., to Joy Manufacturing Company. Dual seal in-line test valve. 4,510,970, 4-16-85, Cl. 137-625.400.
Young, Thomas B. Railroad grade crossing. 4,545,527, 10-8-85, Cl. 238-8.000.
Young, Tommy L.: *See—*
  Parlman, Robert M.; Bresson, Clarence R.; and Young, Tommy L., 4,510,050, Cl. 209-167.000.
Young, William C., to RCA Corporation. Device for indicating the polar coordinate position of a given point anywhere within a circular area. 4,513,505, 4-30-85, Cl. 33-1.0MP.
Young, William C.: *See—*
  Butt, Donald B.; and Young, William C., 4,547,649, Cl. 219-121.0LF.
  Curtis, Lyn; and Young, William C., 4,519,671, Cl. 350-96.150.
Young, William E.; Gerber, Ernst W.; and Pasco, William R., to Young, William E.; and Gerber, Ernst W. Heat welding of thermoplastics. 4,502,906, 3-5-85, Cl. 156-251.000.
Young, William E.: *See—*
  Beer, Janos M.; Dilmore, James A.; Vermes, Geza; and Young, William E., 4,539,918, Cl. 110-266.000.
  Hamm, James R.; and Young, William E., 4,499,722, Cl. 60-39.120.
Young, William R.; and Parisoe, Leon F., to Harris Corporation. Arithmetic logic unit. 4,559,608, 12-17-85, Cl. 364-786.000.
Young, William R.: *See—*
  Cohen, Paul; and Young, William R., 4,514,802, Cl. 364-200.000.
Youngberg, Charles: *See—*
  Miller, Charles G., deceased; Stephens, James B.; and Youngberg, Charles, 4,523,808, Cl. 350-146.000.
Youngblood, Harold C.; and Champeau, Kenneth L. Retrievable well tool. 4,518,037, 5-21-85, Cl. 166-125.000.
Youngblood, Paul E. Control accessory for an acoustical guitar. 4,532,847, 8-6-85, Cl. 84-1.160.
Youngdale, Ralph A. Portable wine rack. 4,546,883, 10-15-85, Cl. 206-521.000.
Younge, Dale R.: *See—*
  Harman, R. Keith; and Younge, Dale R., 4,562,428, Cl. 340-552.000.
Younger, Dwen R. Trailer hitch guide assembly. 4,511,159, 4-16-85, Cl. 280-477.000.
Younger, Steven K.; and Fiedelak, Rudolf A. Foldable head rest. 4,544,203, 10-1-85, Cl. 297-391.000.
Youngers, Stephen A.; and Draney, Robert G., to J. I. Case Company. Dual-rate control assembly. 4,553,448, 11-19-85, Cl. 74-480.00R.
Youngkeit, Dean, to Thiokol Corporation. Method of coating fiber materials with resin. 4,530,855, 7-23-85, Cl. 427-175.000.
Youngkeit, Dean, to Morton Thiokol, Inc. Apparatus for coating fiber materials with resin. 4,561,377, 12-31-85, Cl. 118-33.000.
Youngman, George, to Becton, Dickinson and Company. Toxic gas detection system calibrator. 4,494,399, 1-22-85, Cl. 73-1.00G.
Youngworth, Thomas H., to Benson Engineering & Mfg., Inc. Dehumidifier. 4,497,182, 2-5-85, Cl. 62-151.000.
Younkin, Harry A.; Mehnert, Gottfried; and Roos, Uwe V., to Hercules Incorporated. Apparatus for forming oriented containers. 4,560,340, 12-24-85, Cl. 425-526.000.
Younkin, Robert A.: *See—*
  Gladden, Robert S., Jr.; Johnson, Richard J.; Kidd, John C.; and Younkin, Robert A., 4,561,232, Cl. 52-385.000.
Yount, Gary L., to Biocon, Inc. Apparatus for biodegrading organic waste. 4,521,304, 6-4-85, Cl. 210-96.100.
Yourd, Raymond A., III; Majumdar, Debesh; and Gruber, Robert J., to Xerox Corporation. Positively charged toner compositions containing phosphonium charge enhancing additives. 4,537,848, 8-27-85, Cl. 430-110.000.
Yourd, Raymond A., III: *See—*
  Gruber, Robert J.; Agostine, Doretta; Julien, Paul C.; and Yourd, Raymond A., III, 4,493,883, Cl. 430-110.000.
Youssef, Nabil N. Wild bee nesting domicile. 4,491,994, 1-8-85, Cl. 6-1.000.
Youssefyeh, Raymond D.; and Jones, Howard, to USV Pharmaceutical Corporation. Antihypertensive compounds. 4,507,316, 3-26-85, Cl. 514-510.000.
Youssefyeh, Raymond D.: *See—*
  Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, 4,496,542, Cl. 514-2.000.
  Skiles, Jerry W.; Youssefyeh, Raymond D.; Suh, John T.; and Jones, Howard, 4,558,038, Cl. 514-20.000.
Yow, Larry R., to Modern Globe, Inc. Press construction. 4,547,255, 10-15-85, Cl. 156-580.000.
Ysidro, Leonard M., Sr.: *See—*
  Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., 4,512,701, Cl. 414-101.000.
  Foust, Julian D.; Ysidro, Leonard M., Sr.; and Cross, Danny R., 4,552,499, Cl. 414-125.000.
Ytong AG: *See—*
  Specht, Manfred, 4,503,096, Cl. 427-359.000.
Ytron Dr. Karg GmbH: *See—*
  Karg, Roland; and Sattelmaier, Helmut, 4,511,256, Cl. 366-165.000.
Yu, Ho; and Ai, Daniel K., to Aluminum Company of America. Roll caster apparatus having nozzle tip assembly with improved molten metal flow conditions. 4,527,612, 7-9-85, Cl. 164-428.000.
Yu, Ho; and Ai, Daniel K., to Aluminum Company of America. Roll caster apparatus having uniform flow of molten metal into novel nozzle tip assembly. 4,550,767, 11-5-85, Cl. 164-428.000.
Yu, Ho: *See—*
  Ai, Daniel K.; and Yu, Ho, 4,526,223, Cl. 164-428.000.
  Ai, Daniel K.; and Yu, Ho, 4,550,766, Cl. 164-428.000.
Yu, Hong; and Kwok, Sai W., to Casat Technology, Inc. FM High-fidelity processor. 4,496,979, 1-29-85, Cl. 358-197.000.
Yu, Keechung: *See—*
  Schols, John A.; and Yu, Keechung, 4,559,375, Cl. 523-449.000.
Yu, Ken K.: *See—*
  Bohr, Mark T.; Yu, Ken K.; Yau, Leo D.; and Garg, Shyam G., 4,505,026, Cl. 29-577.00C.
  Bohr, Mark T.; Yu, Ken K.; Yau, Leo D.; and Garg, Shyam G., 4,536,947, Cl. 29-576.00C.
Yu, Michael C., to Phillips Petroleum Company. Polyarylate formation by ester interchange reaction using γ- gamma lactones as diluent. 4,533,720, 8-6-85, Cl. 528-125.000.
Yu, Peter H.: *See—*
  Crnojevich, Ranko; Wiewiorowski, Edward I.; and Yu, Peter H., 4,497,659, Cl. 75-109.000.
Yu, Ruey J.; and Van Scott, Eugene J. Phenyl alpha-acyloxyacetamide derivatives and their therapeutic use. 4,518,789, 5-21-85, Cl. 560-105.000.
Yu, S. Gary; and Reynolds, John G., to Chevron Research Company. Presulfided red mud as a first-stage catalyst in a two-stage, close-coupled thermal catalytic hydroconversion process. 4,560,465, 12-24-85, Cl. 208-59.000.
Yu, S. Gary: *See—*
  Reynolds, John G.; Yu, S. Gary; and Lewis, Robert T., 4,559,129, Cl. 208-59.000.
  Reynolds, John G.; Yu, S. Gary; and Beret, Samil, 4,559,130, Cl. 208-59.000.
Yu, Simon H., to B. F. Goodrich Company, The. Extraction of oligomers from polymers of epihalohydrin. 4,511,742, 4-16-85, Cl. 568-614.000.
Yu, Stella S. T.: *See—*
  Pitzele, Barnett S.; Yu, Stella S. T.; Hamilton, Robert W.; and Moormann, Alan E., 4,533,739, Cl. 548-559.000.
Yu, Terry T.; and Yen, Mei-Rong, to Energy Conversion Devices, Inc. Reductant precursor for tellurium imaging compositions. 4,532,078, 7-30-85, Cl. 260-396.00R.
Yu, Terry T., to Energy Conversion Devices, Inc. Self-fixing imaging film containing reductant precursor. 4,535,055, 8-13-85, Cl. 430-353.000.
Yuan, Fumin: *See—*
  Gable, Melvin G.; Sherman, Richard H.; and Yuan, Fumin, 4,550,402, Cl. 370-85.000.
Yuan, Leo: *See—*
  Feinberg, Irving; Wu, Leon L.; and Yuan, Leo, 4,553,050, Cl. 307-443.000.
Yuasa, Akihiko: *See—*
  Morita, Seiichiro; Yuasa, Akihiko; and Arai, Takao, 4,509,236, Cl. 29-26.00A.
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  Kagawa, Hiroshi; and Matsui, Kazumasa, 4,510,217, Cl. 429-104.000.
  Kagawa, Hiroshi; and Iwabuchi, Suminobu, 4,530,151, Cl. 29-623.100.
Yuasa, Hayami: *See—*
  Kimura, Tetsuo; Fujii, Hirofumi; Yuasa, Hayami; and Yonezawa, Tatuo, 4,524,351, Cl. 340-629.000.
Yuasa, Hiromi: *See—*
  Okawa, Tamotsu; and Yuasa, Hiromi, 4,525,799, Cl. 364-900.000.
Yuasa, Hiroyoshi: *See—*
  Omura, Koichi; and Yuasa, Hiroyoshi, 4,509,186, Cl. 381-43.000.
Yuasa, Kazuhiro; Takahashi, Shuichi; and Kondo, Mitsuru, to Ricoh Company, Ltd. Conversion of an analog image signal into a binary image signal. 4,496,987, 1-29-85, Cl. 358-283.000.
Yuasa, Kazuhiro: *See—*
  Komada, Kenya; Yuasa, Kazuhiro; and Kondoh, Shiroh, 4,537,491, Cl. 355-3.0DD.
  Takahashi, Shuichi; Kondo, Mitsuru; and Yuasa, Kazuhiro, 4,539,60[illegible] Cl. 358-282.000.
Yuasa, Masaharu: *See—*
  Kasai, Yoshiaki; Hiraoka, Yasuo; Yuasa, Masaharu; Harada, Masataka; and Saito, Masao, 4,527,532, Cl. 123-520.000.
  Kudo, Ichiro; Kasai, Yoshiaki; and Yuasa, Masaharu, 4,535,739, Cl. 123-425.000.
Yuasa, Miyabi: *See—*
  Arita, Yosihumi; Murakami, Yukihiro; and Yuasa, Miyabi, 4,545,762, Cl. 432-59.000.

Yuasa, Yoshio; and Kawagoe, Nobukazu, to Minolta Camera Kabushiki Kaisha. Exposure control device for a photographic enlarger. 4,518,250, 5-21-85, Cl. 355-69.000.

Yuasa, Yoshio; Kawagoe, Nobukazu; and Yasumoto, Hidetoshi, to Minolta Camera Kabushiki Kaisha. Automatic focusing device for an enlarger. 4,531,830, 7-30-85, Cl. 355-56.000.

Yuasa, Yoshio; Yasumoto, Hidetoshi; Kawagoe, Nobukazu; Naruse, Kazuhiko; and Inaba, Masahito, to Minolta Camera Kabushiki Kaisha. Light source for exposure. 4,551,011, 11-5-85, Cl. 355-35.000.

Yubakami, Keiichi: *See—*

Soga, Mamoru; Yubakami, Keiichi; Sonoda, Nobuo; and Shimotsuma, Wataru, 4,519,931, Cl. 252-62.510.

Yuchi, Sadataka: *See—*

Machida, Haruchika; and Yuchi, Sadataka, 4,555,695, Cl. 340-538.000.

Yuda, Jiro: *See—*

Hori, Michimasa; Hirano, Hideo; Kojima, Yoshinori; and Yuda, Jiro, 4,558,993, Cl. 417-283.000.

Yuda, Lawrence F. Robotic gripper operator mechanism. 4,492,400, 1-8-85, Cl. 294-88.000.

Yudelson, Joseph S.; and Johnson, Thomas M., to Eastman Kodak Company. Macromolecule determination by physical development. 4,552,848, 11-12-85, Cl. 436-86.000.

Yudenfriend, Herbert. Process and apparatus for forming a window panel having an energy control film laminate. 4,556,446, 12-3-85, Cl. 156-551.000.

Yudis, Donald W.; and Moody, Roy A. Tie strip. 4,510,649, 4-16-85, Cl. 24-16.0PB.

Yudovich, Amos, to Phillips Petroleum Company. Upgrading carbonaceous materials. 4,539,098, 9-3-85, Cl. 208-11.0LE.

Yueh, William R., to General Dynamics, Pomona Division. Noise-adaptive, predictive proportional navigation (NAPPN) guidance scheme. 4,492,352, 1-8-85, Cl. 244-3.150.

Yueh, William R., to General Dynamics, Pomona Division. Fourth order predictive, augmented proportional navigation system terminal guidance design with missile/target decoupling. 4,494,202, 1-15-85, Cl. 364-462.000.

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Yuen, Harvard, to United States of America, Army. Pyrotechnic nose cap for practice munitions. 4,535,698, 8-20-85, Cl. 102-529.000.

Yuen, Henry K.: *See—*

Carter, Don E.; and Yuen, Henry K., 4,508,101, Cl. 126-436.000.

Yugari, Yasumi: *See—*

Sakakibara, Shumpei; Yugari, Yasumi; and Hashimoto, Shigebumi, 4,536,395, Cl. 514-7.000.

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Koito, Toshio; Koito, Tetsuo; and Koito, Miyoko, 4,516,586, Cl. 131-246.000.

Yugen-gaisha Koito-Seimitsu: *See—*

Koito, Toshio; Koito, Tetsuo; and Koito, Miyoko, 4,516,586, Cl. 131-246.000.

Yugen-gaisha Koito-Seisakusho: *See—*

Koito, Toshio; Koito, Tetsuo; and Koito, Miyoko, 4,516,586, Cl. 131-246.000.

Yugen-gaisha Shiba Seisakusho: *See—*

Kumagai, Toji, 4,562,518, Cl. 362-249.000.

Yugen Kaisha Shinjoseisakusho: *See—*

Shinjo, Katsumi, 4,507,859, Cl. 29-798.000.

Yugengaisha Kyowa Chuzosho: *See—*

Tadashi, Ii; and Saichi, Egusa, 4,517,018, Cl. 75-129.000.

Yugenkaisha Hakusui Sangyo: *See—*

Kutsuna, Tomoharu; Ohtani, Shinzi; and Kondo, Kunimasa, 4,520,045, Cl. 427-294.000.

Yuguchi, Hiroya; Hayashi, Yoshinobu; and Miyazaki, Yusuke, to Morinaga Milk Industry Co., Ltd. Process for preparing a sarcocarp-containing jelly. 4,501,763, 2-26-85, Cl. 426-573.000.

Yuguchi, Naoki; and Kawasaki, Keiichi, to Canon Kabushiki Kaisha. Sheet film supply apparatus. 4,541,625, 9-17-85, Cl. 271-42.000.

Yuhara, Akitsuna; Hosaka, Norio; Fujita, Yuji; Kishimoto, Kiyoharu; and Yamada, Jun, to Hitachi, Ltd. Surface acoustic wave transmission device for a low frequency signal below 30 MHz. 4,500,807, 2-19-85, Cl. 310-313.00B.

Yuhara, Akitsuna; Nate, Kazuo; Toyama, Tatsuro; and Yamada, Jun, to Hitachi, Ltd. Elastic surface wave absorbers comprising ultraviolet light curable resin. 4,510,410, 4-9-85, Cl. 310-313.00D.

Yuhara, Katsuo: *See—*

Kumada, Masaharu; Tanabe, Hideo; Yuhara, Katsuo; Misumi, Akira; and Kawasaki, Hiroshi, 4,543,441, Cl. 136-249.000.

Yuhara, Mitsuho. Golf swing diagnosing device. 4,509,757, 4-9-85, Cl. 273-186.00A.

Yuhara, Sumiko: *See—*

Ishiwari, Kazuo; Ohmori, Akira; Tomihashi, Nobuyuki; Yuhara, Sumiko; Kaino, Toshikuni; Jinguji, Kaname; and Nara, Shigeo, 4,542,957, Cl. 350-96.340.

Yuhas, Donald E.: *See—*

Kessler, Lawrence W.; and Yuhas, Donald E., 4,518,992, Cl. 358-112.000.

Yuhasz, Kathleen M.: *See—*

Curtis, John P.; Crawford, Richard J.; and Yuhasz, Kathleen M., 4,528,182, Cl. 424-54.000.

Yui, George M. Toilet-bowl bidet apparatus. 4,550,454, 11-5-85, Cl. 4-420.400.

Yui, George M. Toilet-bowl bidet apparatus. 4,553,274, 11-19-85, Cl. 4-420.400.

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, to Mitsubishi Petrochemical Co., Ltd. Inorganic filler containing propylene polymer compositions. 4,504,617, 3-12-85, Cl. 524-426.000.

Yui, Hiroshi; Sobajima, Yoshihiro; Higashide, Osamu; Imamura, Tsuyoshi; Okamura, Michiya; and Hattori, Satoru, to Mitsubishi Petrochemical Co., Ltd. Electrically conductive inorganic filler containing propylene polymer compositions. 4,552,689, 11-12-85, Cl. 252-511.000.

Yuill, Grenville K., to Lion Industries Ltd. Method and apparatus for testing the air-tightness of a building using transient pressurization. 4,510,791, 4-16-85, Cl. 73-40.000.

Yuill, William A., to Atlantic Richfield Company. Process for converting molybdenite to molybdenum oxide. 4,551,312, 11-5-85, Cl. 423-53.000.

Yuill, William A.: *See—*

Armstrong, Raynor O.; Norrgran, Daniel A.; and Yuill, William A., 4,549,959, Cl. 209-167.000.

Yuille, James D.: *See—*

Tessarzik, Juergen M.; Myers, Albert; and Yuille, James D., 4,495,810, Cl. 73-432.00R.

Yuito, Isamu; Shiiki, Kazuo; Saiki, Atsushi; Homma, Yoshio; Kumasaka, Noriyuki; Shiroishi, Yoshihiro; and Kudo, Mitsuhiro, to Hitachi, Ltd. Thin film magnetic head and fabricating method thereof. 4,539,616, 9-3-85, Cl. 360-125.000.

Yukamelamin Company, Limited: *See—*

Koeda, Kikuo; and Ito, Chikara, 4,562,050, Cl. 423-290.000.

Yukawa, Akira, to Nippon Electric Co., Ltd. Voltage comparator circuit. 4,511,810, 4-16-85, Cl. 307-355.000.

Yukawa, Nobumichi: *See—*

Yabiki, Akira; Imanishi, Norio; Shibata, Yoji; Kosuge, Wataru; and Yukawa, Nobumichi, 4,518,989, Cl. 358-86.000.

Yukawa, Tomio: *See—*

Toyama, Fumiyasu; Murakoshi, Masaaki; Wakuda, Masanori; Sasaki, Junichi; Watanabe, Hirotoshi; Yukawa, Tomio; and Okayama, Yoshihiko, 4,550,366, Cl. 364-136.000.

Yuki, Etsuji. Adsorbing deacidifier for oily substances. 4,499,196, 2-12-85, Cl. 502-64.000.

Yuki, Heimei; and Okamoto, Yoshio, to Daicel Chemical Industries, Ltd. Optically active polymer preparation and use. 4,511,475, 4-16-85, Cl. 210-635.000.

Yuki, Heimei; and Okamoto, Yoshio, to Daicel Chemical Industries, Ltd. Polymerizable, optically active polymer and process for preparing polymerizable polymer. 4,554,323, 11-19-85, Cl. 525-272.000.

Yuki, Heimei; and Okamoto, Yoshio, to Daicel Chemical Industries, Ltd. Process for preparing optically active polymer. 4,554,334, 11-19-85, Cl. 526-177.000.

Yuki, Heimei; and Okamoto, Yoshio, to Daicel Chemical Industries, Ltd. Methacrylic ester useful as an optical resolving agent. 4,555,574, 11-26-85, Cl. 546-342.000.

Yuki, Ikuo, to Hitachi, Ltd. Focusing voltage output circuit for cathode ray tube. 4,549,216, 10-22-85, Cl. 358-242.000.

Yuki, Katsumi; Yoshida, Susumu; Ozeki, Mineo; Miyazaki, Yasuyuki; and Kawamata, Masaru, to Kabushiki Kaisha Toyoda Jidoshokki Seisakusho; and Kabushiki Kaisha Meidensha. Method and system for horizontally controlling a fork for a fork lift truck. 4,491,918, 1-1-85, Cl. 364-424.000.

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Yuki, Takeshi: *See—*

Saito, Ken; Ochi, Tsuneo; Furunishi, Kaoru; and Yuki, Takeshi, 4,501,402, Cl. 248-346.000.

Yukimoto, Yoshinori; and Mitsui, Kotaro, to Mitsubishi Denki Kabushiki Kaisha. Hetero-face solar cell and method of manufacturing the same. 4,493,941, 1-15-85, Cl. 136-255.000.

Yukishige, Yoshifumi; Toyokuni, Kazuo; and Kuroiwa, Yoshizo, to Kubota, Ltd. Travelling vehicle equipped with obstacle detector sensors. 4,546,840, 10-15-85, Cl. 180-169.000.

Yukishima, Susumu: *See—*

Nakahama, Ryoji; Harada, Norimichi; Wada, Seiji; Hosono, Yoshio; Tomoda, Tetsuya; and Yukishima, Susumu, 4,559,018, Cl. 440-77.000.

Yukl, Tex. Method and apparatus for capturing an electrical potential generated by a moving air mass. 4,494,009, 1-15-85, Cl. 290-55.000.

Yukl, Tex. Noncontacting, hyperthermia method and apparatus for destroying living tissue in vivo. 4,532,939, 8-6-85, Cl. 128-804.000.

Yukon Energy Corporation: *See—*

Tallman, William R.; McDevitt, Steven C.; and Delancey, Warren H., 4,515,145, Cl. 126-99.00A.

- Yukumoto, Masao: *See—*
  - Shibuya, Kiyoshi; Yukumoto, Masao; Kan, Takahiro; and Ito, Yo, 4,546,814, Cl. 164-455.000.
- Yule, Thomas J.: *See—*
  - Cox, Samson A.; Bennett, Edgar F.; and Yule, Thomas J., 4,504,737, Cl. 250-435.000.
- Yulkowski, Leon. Door construction. 4,545,607, 10-8-85, Cl. 292-216.000.
- Yum, Daniel, to Burroughs Corporation. Low power partitioned PLA. 4,506,173, 3-19-85, Cl. 307-466.000.
- Yum, Daniel, to Burroughs Corporation. Low power small area PLA. 4,514,650, 4-30-85, Cl. 307-466.000.
- Yum, Su I.: *See—*
  - Wolfe, Allan M.; Davenport, James M.; Theeuwes, Felix; and Yum, Su I., 4,533,348, Cl. 604-85.000.
- Yumikura, Tsuneo: *See—*
  - Nakao, Kazushige; Ikeuchi, Masaki; Ozaki, Eiichi; and Yumikura, Tsuneo, 4,545,217, Cl. 62-476.000.
- Yumino, Masamichi: *See—*
  - Ozawa, Akio; Sueyoshi, Susumu; Sato, Keishi; Ishikawa, Kikuo; Yatsuhashi, Kiyomi; Ishii, Satoshi; and Yumino, Masamichi, 4,540,951, Cl. 330-267.000.
- Yumoto, Hideaki, to TLV Co., Ltd. Float valve assembly. 4,545,397, 10-8-85, Cl. 137-192.000.
- Yumoto, Osamu: *See—*
  - Hagiwara, Yoshimune; Sugiyama, Shizuo; Maeda, Narimichi; Yumoto, Osamu; Akazawa, Takashi; Kobayashi, Masahito; Kita, Yasuhiro; and Kita, Yuzo, 4,511,990, Cl. 364-748.000.
- Yumoto, Satoshi: *See—*
  - Fukuda, Takeshi; and Yumoto, Satoshi, 4,528,156, Cl. 264-236.000.
- Yumoto, Takaari; Hayakawa, Kiyoshi; Kawase, Kaoru; Yamakita, Hiromi; and Taoda, Hiroshi, to Agency of Industrial Science and Technology; and Ministry of International Trade and Industry. Method for manufacture of 7-substituted quadricyclene-cyclodextrin inclusion compound. 4,502,930, 3-5-85, Cl. 204-160.100.
- Yun, Jin H., to Gold Star Tele-Electric Co., Ltd., Inc. Loudspeaker telephone system. 4,507,524, 3-26-85, Cl. 179-81.00B.
- Yun, Shyun-long; Leon, Luis P.; and Ahmad, Syed I., to Technicon Instruments Corporation. Method for eliminating turbidity in a biological fluid and reagent therefor. 4,503,146, 3-5-85, Cl. 435-19.000.
- Yunan, Malak E.: *See—*
  - Mitchell, Hardin D., Jr.; and Yunan, Malak E., 4,495,867, Cl. 102-275.400.
- Yundt, George B.: *See—*
  - Sharp, Gordon P.; Curtiss, William P.; and Yundt, George B., 4,528,898, Cl. 98-115.300.
- Yung, Kenneth K.; Barlow, Craig B.; and Glass, Joe R., to Exxon Research & Engineering Co. Curing and leaching process for metal ores. 4,560,538, 12-24-85, Cl. 423-3.000.
- Yungclas, James A. Internal combustion engine with supercharger. 4,516,541, 5-14-85, Cl. 123-70.00R.
- Yunick, Henry, to MotorTech, Inc. Apparatus and operating method for an internal combustion engine. 4,503,833, 3-12-85, Cl. 125-545.000.
- Yunoki, Akio, to Yoshida Kogyo K.K. Apparatus for cutting continuous slide fastener chain. 4,524,659, 6-25-85, Cl. 83-80.000.
- Yurchak, Sergei: *See—*
  - Chao, Paul K.; Knob, Kevin J.; and Yurchak, Sergei, 4,544,781, Cl. 585-408.000.
  - Gould, Ronald M., and Yurchak, Sergei, 4,523,046, Cl. 585-322.000.
- Yurchenco, James R.; and Nuttall, Michael J., to MAD Computer, Inc. Monitor foot. 4,524,940, 6-25-85, Cl. 248-359.000.
- Yurchenco, James R.: *See—*
  - Fish, Russell, III; and Yurchenco, James R., 4,524,242, Cl. 178-4.000.
  - Fish, Russell, III; and Yurchenco, James R., 4,549,825, Cl. 400-692.000.
  - Hovey, Dean A.; Grundstrom, Douglas R.; and Yurchenco, James R., 4,562,347, Cl. 250-221.000.
- Yurdin, Carl; and Monti, Carmel S., to Photographic Peripherals, Inc. Collapsible lens shade. 4,497,549, 2-5-85, Cl. 350-581.000.
- Yurdin, Carl: *See—*
  - Sealfon, Andrew; and Yurdin, Carl, 4,557,728, Cl. 604-134.000.
- Yurecko, John M., Jr.: *See—*
  - Willis, Brian J.; Eilerman, Robert G.; Christenson, Philip A.; and Yurecko, John M., Jr., 4,510,319, Cl. 560-231.000.
- Yurita, Yoshihiro: *See—*
  - Suzuki, Takeo; Matsumoto, Itsuro; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,503,722, Cl. 74-96.000.
  - Suzuki, Takeo; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,507,042, Cl. 414-680.000.
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- Yurkinas, James A.: *See—*
  - Dorr, William C.; Hybarger, Kenneth C.; and Yurkinas, James A., 4,535,973, Cl. 254-323.000.
- Yusa, Hideo: *See—*
  - Funabashi, Kiyomi; Kawamura, Fumio; Kikuchi, Makoto; and Yusa, Hideo, 4,505,851, Cl. 252-628.000.
- Yusa, Yasuhiro: *See—*
  - Sugiyama, Hiroyuki; Abe, Ryozo; Yusa, Yasuhiro; Sakurai, Masaki; and Yoshihara, Kenji, 4,520,473, Cl. 369-126.000.
- Yushiro Chemical Industry Co., Ltd.: *See—*
  - Chiba, Iwane; Fujiwara, Junji; Kuwamoto, Hiroshi; izushi, Tomoya; Muto, Toshimi; and Toyama, Haruji, 4,554,087, Cl. 252-49.900.
- Yusko, Edward M., Jr.: *See—*
  - Williams, Peter C.; Koch, Ulrich H.; Yusko, Edward M., Jr.; and Mannion, Thomas M., 4,538,790, Cl. 251-214.000.
  - Williams, Peter C.; Koch, Ulrich H.; Yusko, Edward M., Jr.; and Mannion, Thomas M., 4,558,874, Cl. 277-112.000.
- Yuta, Koichi: *See—*
  - Fujioka, Masato Kobayashi, Katsuyoshi; Yuta, Koichi; and Nishihara, Nobuyoshi, 4,494,929, Cl. 432-59.000.
- Yuter, Seymour C. Restaurant telephone entertainment system. 4,518,821, 5-21-85, Cl. 179-2.00R.
- Yuto, Masao; and Suzuki, Yoichi, to Sumitomo Electric Industries, Ltd. Method for producing foamed plastic insulator. 4,547,328, 10-15-85, Cl. 264-45.900.
- Yutori, Toshio; and Ogawa, Rikuo, to Kabushiki Kaisha Kobe Seiko Sho. Process for producing steel wire or rods of high ductility and strength. 4,533,401, 8-6-85, Cl. 148-12.00B.
- Yuwa Sangyo K.K.: *See—*
  - Yagi, Yoshio; Kondo, Toshihiko; Matsubara, Norio; Miyazaki, Shoichiro; Kashiyama, Hajime; and Shibata, Makoto, 4,524,562, Cl. 53-409.000.
- Yuyama, Yukihiro: *See—*
  - Maruta, Keiichi; and Yuyama, Yukihiro, 4,551,738, Cl. 346-200.000.
- Yuzawa, Haruo; and Sunamura, Kazuhiro, to Nissan Motor Company, Limited. Hot-wire air flowmeter control system for engine. 4,505,248, 3-19-85, Cl. 123-519.000.
- Yuzawa, Haruo: *See—*
  - Ishigami, Kazuhiro; Furuhashi, Shoji; and Yuzawa, Haruo, 4,517,945, Cl. 123-425.000.
- Yuzawa, Keiji, to Casio Computer Co., Ltd. Automatic accompaniment generating apparatus. 4,539,882, 9-10-85, Cl. 84-1.030.
- Yuzui, Katsutoshi, to Honda Giken Kogyo Kabushiki Kaisha. Welding apparatus for vehicle body of two-wheeled vehicle. 4,493,450, 1-15-85, Cl. 228-49.00R.
- Yvan, Schwob, to Association pour la Recherche et le Developpement des Methodes et Processus Industriels. Process for converting ligneous matter of vegetable origin by torrefaction, and product obtained thereby. 4,553,978, 11-19-85, Cl. 44-1.00E.
- Z. Bavelloni S.p.A.: *See—*
  - Bavelloni, Franco, 4,537,301, Cl. 198-626.000.
- Zaar, Wolfgang: *See—*
  - Hanssle, Peter; and Zaar, Wolfgang, 4,513,157, Cl. 585-378.000.
- Zabala, Bert M. Sandal. 4,530,171, 7-23-85, Cl. 36-11.500.
- Zabala, Robert J.: *See—*
  - Park, Dong-Sil; and Zabala, Robert J., 4,515,865, Cl. 428-610.000.
  - Park, Dong-Sil; and Zabala, Robert J., 4,518,624, Cl. 427-34.000.
- Zabcik, Clarence J., to NL Industries, Inc. Downhole apparatus for absorbing vibratory energy to generate electrical power. 4,518,888, 5-21-85, Cl. 310-334.000.
- Zabel, Klaus H.: *See—*
  - Geerdes, Dirk J. F.; and Zabel, Klaus H., 4,505,986, Cl. 428-481.000.
- Zabel, Lutz D.; Widmer, Jurg; and Sulser, Ueli, to Sika AG, vorm. Kaspar Winkler & Co. Compounds having one or more aldimine and oxazolidine groups, process for their preparation and their use as curing agents for polyisocyanates. 4,504,647, 3-12-85, Cl. 528-68.000.
- Zabelka, Jaroslav, to Sulzer Brothers Limited. Gas cooler arrangement. 4,493,291, 1-15-85, Cl. 122-7.00R.
- Zabielski, Kenneth D.: *See—*
  - Garver, Edward B., Sr.; and Zabielski, Kenneth D., 4,508,534, Cl. 604-111.000.
- Zabler, Erich: *See—*
  - Rothley, Manfred; Zabler, Erich; Neuffer, Kurt; and Reinhart, Karl-Franz, 4,506,217, Cl. 324-208.000.
- Zabolotny, Dmitry I.: *See—*
  - Gjulling, Eduard V.; Djugovskaya, Larisa A.; Zabolotny, Dmitry I.; Kovtun, Jury P.; Liptuga, Nikolai I.; Litus, Viktor I.; Sambur, Marina B.; Romanov, Nikolai N.; Tolmachev, Alexei I.; Kirsanov, Alexandr V.; Pisanko, Viktor N.; Melnikov, Oleg F.; and Klochkov, Evgeny I., 4,550,170, Cl. 548-154.000.
- Zabotin, Viktor G.; Kosenko, Alexandr I.; Kozlov, Sergei P.; Pervyshin, Alexandr N.; Lukachev, Viktor P.; Mikhailov, Vladimir A.; Buryakov, Valery M.; Tokhunts, Roman D.; Yakovlev, Vladimir S.; Levin, Viktor Y., deceased; and by Levin, Sofia N., administratrix. Device for gas jet cutting of materials. 4,494,925, 1-22-85, Cl. 431-158.000.
- Zabotto, Arlette; and Griat, Jacqueline, to L'Oreal S.A. Cosmetic compositions containing the fat of *Shorea robusta*. 4,534,981, 8-13-85, Cl. 514-783.000.
- Zabrocki, Karl; Ott, Karl-Heinz; Schmidt, Adolf; and Pischtschan, Alfred, to Bayer Aktiengesellschaft. ABS- Moulding compositions. 4,520,165, 5-28-85, Cl. 525-84.000.
- Zabrocki, Karl; Tiburtius, Christoph; Doring, Joachim; and Richter, Klaus, to Bayer Aktiengesellschaft. Glass-fiber-reinforced ABS-molding compositions. 4,547,533, 10-15-85, Cl. 523-206.000.
- Zabrocki, Karl: *See—*
  - Bauer, Wolfgang; Lindner, Christian; Muller, Friedemann; Kress, Hans-Jurgen; Zabrocki, Karl; and Buekers, Josef, 4,548,987, Cl. 525-67.000.
- Zabsky, John M.: *See—*
  - Croopnick, Gerald A.; and Zabsky, John M., 4,557,836, Cl. 210-287.000.
- Zaccheroni, Giulio. Apparatus for continuously dip-zincing of metallic wire or strip material. 4,509,453, 4-9-85, Cl. 118-420.000.
- Zacconi, Anthony N.: *See—*
  - Manton, John C.; Okin, Kenneth; and Zacconi, Anthony N., 4,509,115, Cl. 364-200.000.

- Zach, Elmer S. Ventilation air control unit. 4,515,071, 5-7-85, Cl. 98-55.000.
- Zachariades, Anagnostis E.: *See—*
  - Economy, James; and Zachariades, Anagnostis E., 4,499,122, Cl. 427-130.000.
  - Economy, James; and Zachariades, Anagnostis E., 4,520,647, Cl. 72-365.000.
- Zacharias, Ellis M., Jr., to Nusonics, Inc. High-temperature transducer. 4,505,160, 3-19-85, Cl. 73-861.180.
- Zacharias, Ellis M., Jr., to Nusonics, Inc. Sonic flow meter having improved flow straighteners. 4,523,478, 6-18-85, Cl. 73-861.280.
- Zacharias, Ernst, to Matth. Hohner AG. Mouth organ. 4,502,362, 3-5-85, Cl. 84-377.000.
- Zacharias, Theodor, to Kocks Technik GmbH & Co. Tube testing presses. 4,523,455, 6-18-85, Cl. 73-49.500.
- Zachman, James R.: *See—*
  - Salerni, John V.; and Zachman, James R., 4,541,484, Cl. 166-278.000.
- Zachry, Clyde L., to Rockwell International Corporation. Test socket for a leadless chip carrier. 4,554,505, 11-19-85, Cl. 324-158.00F.
- Zackay, Victor F.; and Rowe, Donald R., to Teledyne Industries, Inc. Catalyst of palladium, copper and nickel on a substrate. 4,521,530, 6-4-85, Cl. 502-218.000.
- Zackay, Victor F.: *See—*
  - Stuck, Earl N.; and Zackay, Victor F., 4,539,930, Cl. 118-300.000.
- Zackrisson, Barry L., to Dana Corporation. Driveshaft. 4,527,978, 7-9-85, Cl. 464-183.000.
- Zacouto, Fred. Method and apparatus to assist cardiac muscle functioning. 4,552,150, 11-12-85, Cl. 128-419.0PG.
- Zacuto, Philip: *See—*
  - Ben-Shmuel, Dan; and Zacuto, Philip, 4,497,439, Cl. 237-53.000.
- Zadak, Zdenek: *See—*
  - Skvara, Frantisek; Kolar, Karel; Zadak, Zdenek; Friml, Zdenek; and Novotry, Jaroslay, 4,551,176, Cl. 106-90.000.
- Zaderej, Andrew; and Zaderej, Andrew J. In-line solid state time delay device. 4,562,366, 12-31-85, Cl. 307-599.000.
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  - Zaderej, Andrew; and Zaderej, Andrew J., 4,562,366, Cl. 307-599.000.
- Zadiraka, Allan J., to Babcock & Wilcox Company, The. Pulverizer control system. 4,540,129, 9-10-85, Cl. 241-34.000.
- Zado, Frank M., to AT&T Technologies, Inc. Soldering flux. 4,495,007, 1-22-85, Cl. 148-23.000.
- Zado, Frank M., to AT&T Technologies, Inc. Soldering composition and method of soldering therewith. 4,523,712, 6-18-85, Cl. 228-207.000.
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  - Hubner, Horst; Lydtin, Hans; Rehder, Ludwig; and Zaengel, Thomas, 4,525,379, Cl. 427-53.100.
- Zafred, Paolo R., to Westinghouse Electric Corp. Tube plug. 4,502,511, 3-5-85, Cl. 138-89.000.
- Zagardo, Dominic V.: *See—*
  - St. John, Karl M.; and Zagardo, Dominic V., 4,527,193, Cl. 358-76.000.
- Zagefka, Hans-Dieter; Bartz, Wilfried; and Konietzny, Alfred, to Chemische Werke Huels AG. Aqueous media for the treatment of wood and wooden materials and a process for such treatment. 4,496,613, 1-29-85, Cl. 427-440.000.
- Zago, Gianni, to Patents Engineering s.r.l. Protective helmet for the head with locking means. 4,532,658, 8-6-85, Cl. 2-421.000.
- Zagoroff, Dimiter S. Shrink oven. 4,538,363, 9-3-85, Cl. 34-225.000.
- Zagoroff, Dimiter S. Passive anti-theft device for vehicle ignition lock. 4,559,795, 12-24-85, Cl. 70-422.000.
- Zagorski, Joseph B.; and Roy, Stephen C. Leg exercise device. 4,549,534, 10-29-85, Cl. 128-25.00R.
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  - Finnieston, Alan; and Zagorski, Joseph B., 4,553,535, Cl. 128-88.000.
- Zagranski, Raymond D.; Howlett, James J.; and Lappos, Nicholas D., to Chandler Evans Inc. Super contingency aircraft engine control. 4,500,966, 2-19-85, Cl. 364-432.000.
- Zagranski, Raymond D.; and Howlett, James J., to Chandler Evans Inc. Torsional mode suppressor. 4,531,361, 7-30-85, Cl. 60-39.161.
- Zagranski, Raymond D.: *See—*
  - Howlett, James J.; and Zagranski, Raymond D., 4,493,465, Cl. 244-17.130.
- Zagubeljuk, Vladislav F.: *See—*
  - Mironenko, Vyacheslav G.; Poltorak, Alexandr P.; Schutsky, Vitaly I.; Kosovtsev, Vladimir A.; Chaly, Fedor P.; Zagubeljuk, Vladislav F.; Filatov, Nikolai I.; Emelyanenko, Vadim V.; Morgunov, Valentin V.; Rozental, Eduard S.; and Litvinov, Vladimir I., 4,559,422, Cl. 200-67.00D.
- Zahedi, Karim; Alexander, Jeffrey C.; and Zieve, Peter B., to EFB Inc. Filter apparatus. 4,505,723, 3-19-85, Cl. 55-117.000.
- Zahedi, Karim: *See—*
  - Alexander, Jeffery C.; and Zahedi, Karim, 4,542,000, Cl. 423-244.000.
- Zahir, Abdul-Cader, to Ciba-Geigy Corporation. Triglycidyl compounds of aminophenols. 4,560,739, 12-24-85, Cl. 528-99.000.
- Zahir, Sheik A.: *See—*
  - Diethelm, Hermann; and Zahir, Sheik A., 4,525,572, Cl. 528-170.000.
- Zahler, Robert, to E. R. Squibb & Sons, Inc. 3-Acylamino-1-sulfonylaminocarbonylmethoxy-2-azetidinones. 4,548,747, 10-22-85, Cl. 260-239.00A.
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- Zahn, Christian, to Schuberth-Werk GmbH & Co. KG. Internal structure for a protective helmet. 4,527,290, 7-9-85, Cl. 2-416.000.
- Zahn, Heinrich: *See—*
  - Fell, Wolfgang; Zahn, Heinrich; Gunschmann, Peter; and Buchel, Winfried, 4,541,557, Cl. 226-191.000.
- Zahn, Norman E., III. Heads up sports timer with electronic time display. 4,526,473, 7-2-85, Cl. 368-10.000.
- Zahn, Robert L., to United States of America, Air Force. Variable radius lead former. 4,515,001, 5-7-85, Cl. 72-323.000.
- Zahn, William L.; and Kufrin, Fred W., to Schwaab Inc. Stamp holding clip and rack therefor. 4,534,471, 8-13-85, Cl. 211-39.000.
- Zahner, Hans: *See—*
  - Hagenmaier, Hans-Paul; Werner, Gerhard; Drautz, Hannelore; Holst, Hartwig; Zahner, Hans; Brandes, Wilhelm; Reinecke, Paul; Zoebelein, Gerhard; Stendel, Wilhelm; Andrews, Peter; and Schaller, Klaus, 4,558,139, Cl. 549-271.000.
- Zahner, John C.: *See—*
  - Owen, Hartley; Haddad, James H.; and Zahner, John C., 4,561,966, Cl. 208-11.00R.
- Zahner, Pierre W., to Mavilor Systemes S.A. Electric motor equipped with inner blocking brake. 4,560,895, 12-24-85, Cl. 310-77.000.
- Zahnraderfabrik Renk A.G.: *See—*
  - Hirt, Manfred, 4,513,637, Cl. 74-801.000.
  - John, Erich; and Pollak-Banda, Erich, 4,514,099, Cl. 384-100.000.
  - Kirstein, Gerhard, 4,554,451, Cl. 250-237.00G.
  - Zaunberger, Franz X., 4,497,218, Cl. 74-682.000.
- Zahnradfabrik Friedrichshafen AG: *See—*
  - Betz, Ansgar, 4,553,447, Cl. 74-422.000.
  - Bieber, Gerold, 4,542,662, Cl. 74-470.000.
  - Ehrlinger, Friedrich, 4,526,054, Cl. 74-467.000.
  - Fassbender, Rolf, 4,558,631, Cl. 91-516.000.
  - Lang, Armin; and Knodler, Helmut, 4,555,975, Cl. 91-417.00R.
  - Lang, Armin, 4,557,344, Cl. 180-143.000.
  - Liebert, Karl-Heinz; Tischer, Werner; and Fassbender, Rolf, 4,553,390, Cl. 60-384.000.
  - Magg, Alfred; and Griesser, Walter, 4,540,074, Cl. 192-53.00G.
  - Maurer, Dieter; Rauter, Jurgen; and Dziuba, Peter, 4,536,003, Cl. 280-95.00R.
  - Merz, Johann, 4,516,784, Cl. 277-180.000.
  - Merz, Johann, 4,553,908, Cl. 417-310.000.
  - Nembach, Siegfried, 4,528,871, Cl. 74-733.000.
  - Schneider, Rudolf, 4,553,653, Cl. 192-18.00B.
  - Schuster, Max, 4,518,065, Cl. 192-4.00A.
  - Seidl, Gunther, 4,536,133, Cl. 417-307.000.
  - Tischer, Werner; Liebert, Karl-Heinz; and Fassbender, Rolf, 4,495,769, Cl. 60-451.000.
  - Tischer, Werner; Liebert, Karl-Heinz; and Fassbender, Rolf, 4,553,389, Cl. 60-384.000.
- Zahr, George E., to Du Pont de Nemours, E. I., and Company. Film-forming poly(conjugated polymethine-type)dye. 4,501,876, 2-26-85, Cl. 528-232.000.
- Zahradnik, Franz: *See—*
  - Pipper, Gunter; Theysohn, Rainer; and Zahradnik, Franz, 4,539,391, Cl. 528-323.000.
  - Schmidt, Franz; Pipper, Gunter; Floss, Josef G.; and Zahradnik, Franz, 4,537,949, Cl. 528-335.000.
- Zahradnik, Robert T., to Johnson & Johnson Dental Products Company. Neutral topical sodium fluoride gel. 4,540,576, 9-10-85, Cl. 424-151.000.
- Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai: *See—*
  - Umezawa, Hamao; Shimada, Nobuyoshi; Naganawa, Hiroshi; Takita, Tomohisa; Hamada, Masa; and Takeuchi, Tomio, 4,495,347, Cl. 536-24.000.
  - Umezawa, Hamao; Okami, Yoshiro; and Kondo, Shinichi, 4,499,083, Cl. 514-36.000.
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,532, Cl. 260-404.500.
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Iinuma, Hironobu; Ikeda, Daishiro; Nakamura, Teruya; and Fujii, Akio, 4,518,802, Cl. 564-201.000.
  - Umezawa, Hamao; Takeuchi, Tomio; and Kondo, Shinichi, 4,525,299, Cl. 260-112.50R.
  - Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,529,549, Cl. 260-404.500.
  - Umezawa, Hamao; Takeuchi, Tomio; Ishizuka, Masaaki; Takita, Tomohisa; Shimada, Nobuyoshi; and Kato, Kuniki, 4,530,998, Cl. 536-24.000.
  - Umezawa, Hamao; Fujii, Akio; Muraoka, Yasuhiko; Nakatani, Tokuji; Fukuoka, Takeyo; and Takahashi, Katsutoshi, 4,537,880, Cl. 514-19.000.
  - Umezawa, Hamao; Umezawa, Sumio; Tsuchiya, Tsutomu; Yoneta, Toshio; and Fukatsu, Shunzo, 4,547,492, Cl. 514-41.000.
  - Umezawa, Hamao; Takeuchi, Tomio; Kondo, Shinichi; Tanaka, Wataru; Takita, Tomohisa; Nishimura, Yoshio; and Yoshikawa, Hiroshi, 4,547,567, Cl. 536-17.200.
  - Umezawa, Hamao; Takeuchi, Tomio; and Ishizuka, Masaaki, 4,559,362, Cl. 514-674.000.

Zaidan Hojin Handotai Kenkyu Shinkokai: *See—*

Nishizawa, Jun-ichi, 4,504,847, Cl. 357-22.000.

Zaidan Hojin Minsei Kagaku Kyokai: *See—*

Fujimaki, Akira, 4,510,161, Cl. 514-54.000.

Zaiden Hojin Biseibutsu Kagaku Kenkyu Kai: *See—*

Umezawa, Hamao; Takeuchi, Tomio; Nishizawa, Rinzo; Takahashi, Katsutoshi; Nakamura, Teruya; and Umeda, Yoshihisa, 4,556,735, Cl. 564-157.000.

Zaidenweber, Gary A., to Medtronic, Inc. Digital frequency-modulated demodulation. 4,558,284, 12-10-85, Cl. 329-126.000.

Zaiko, Edward J · *See—*

McDaniel, Roger L., Jr.; Portzer, Jeffrey W.; and Zaiko, Edward J., 4,562,260, Cl. 548-141.000.

Zaimi, Sedat: *See—*

Bergen, Henry M.; Zaimi, Sedat; Castellano, Vincenzo; and Schildkraut, Irwin, 4,536,621, Cl. 179-99.00R.

Zais, Michael G.: *See—*

Schaumburg, Edward G.; Benson, Cory D.; Wolf, Alby H.; and Zais, Michael G., 4,534,401, Cl. 164-102.000.

Zaita, Katsuyuki; and Tahata, Michio, to Honda Giken Kogyo Kabushiki Kaisha. Sliding throttle valve type carburetor. 4,500,477, 2-19-85, Cl. 261-44.00B.

Zaitsev, Igor T.: *See—*

Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.

Zaitsu, Hirohachi, to Tokyo Shibaura Denki Kabushiki Kaisha. Image forming apparatus. 4,545,668, 10-8-85, Cl. 355-3.00R.

Zaitsu, Hiroshi: *See—*

Karashima, Takato; and Zaitsu, Hiroshi, 4,554,606, Cl. 360-131.000.

Zaitsu, Osamu: *See—*

Morikawa, Toshinori; Minamide, Seiko; Kikuya, Satoshi; Terada, Hiroshi; Zaitsu, Osamu; and Shibaike, Narito, 4,491,885, Cl. 360-85.000.

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Zaitu, Eizo, to Shinagawa Machinery Works Co., Ltd. Processor for continuously cooking grains. 4,561,347, 12-31-85, Cl. 99-352.000.

Zaizen, Takashi; Otoguro, Yasuo; Yamanaka, Mikio; and Yamane, Shozo, to Nippon Steel Corporation. High Al heat-resistant alloy steels having Al coating thereon. 4,535,034, 8-13-85, Cl. 428-653.000.

Zajac, Chester J., to Transamerica DeLaval Inc. Leak detection system. 4,505,148, 3-19-85, Cl. 73-49.200.

Zajac, Edward: *See—*

McCabe, Barkman C.; and Zajac, Edward, 4,492,083, Cl. 60-641.500.

Zajac, John P., to Tegal Corporation. Modular plasma reactor with local atmosphere. 4,539,062, 9-3-85, Cl. 156-345.000.

Zajac, John P.: *See—*

Lachenbruch, Roger B.; and Zajac, John P., 4,547,248, Cl. 156-345.000.

Zajer nee Balazs, Maria: *See—*

Szantay, Csaba; Szabo, Lajos; Kalaus, Gyorgy; Sapi, Janos; Zajer nee Balazs, Maria; Kiss, Bela; Ezer, Elemer; Karpati, Egon; and Szporny, Laszlo, 4,549,020, Cl. 546-51.000.

Zajeski, Robert B., to Panduit Corp. Locking and polarizing header. 4,553,801, 11-19-85, Cl. 339-59.00M.

Zajic, Albert H., to American Trailers, Incorporated. Temperature control apparatus for mounting in a transportable body. 4,531,377, 7-30-85, Cl. 62-187.000.

Zajic, James E.; Hill, Martha A.; Manchester, Donald F.; and Muzika, Karel, to Abitibi Paper Company Ltd. Microbial culture system. 4,559,305, 12-17-85, Cl. 435-243.000.

Zajicek, Ernst: *See—*

Lugscheider, Walter; Kilches, Helmut D.; Riegler, Ernst; and Zajicek, Ernst, 4,493,088, Cl. 373-22.000.

Lugscheider, Walter; Steipe, Othmar; Riegler, Ernst; and Zajicek, Ernst, 4,504,307, Cl. 75-10.00R.

Lugscheider, Walter; Riegler, Ernst; and Zajicek, Ernst, 4,518,419, Cl. 75-11.000.

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Zajonc, Fred H., deceased: *See—*

Ptasienski, Mitchell P.; Mustoe, Robert M.; and Zajonc, Fred H., deceased, 4,496,515, Cl. 264-504.000.

Zajonc, Margaret S., executrix: *See—*

Ptasienski, Mitchell P.; Mustoe, Robert M.; and Zajonc, Fred H., deceased, 4,496,515, Cl. 264-504.000.

Zak, Chet, to Post Machinery Company, Inc. Control apparatus for trailing edge folder in carton folding machine. 4,539,002, 9-3-85, Cl. 493-23.000.

Zak, Paul A.: *See—*

Trotta, Patrick A.; and Zak, Paul A., 4,492,763, Cl. 501-40.000.

Zakharova, Nina I.: *See—*

Lavretskaya, Elionora F.; Rudzit, Ernest A.; Piruzian, Lev A.; Volkova, Ljubov I.; Zakharova, Nina I.; Sarkisian, David A.; Upadysheva, Alexandra V.; Grigorieva, Natalya D.; Znamenskaya, Anna P.; Libinzon, Rakhil E.; and Antonian, Semen G., 4,550,113, Cl. 514-290.000.

Zakic, Paul, to NRM Corporation. Dual loop temperature control system for rubber and other extruders with optional connection for heat pump. 4,541,792, 9-17-85, Cl. 425-143.000.

Zakiewicz, Bohdan M. Process for the recovery of hydrocarbons for mineral oil deposits. 4,550,779, 11-5-85, Cl. 166-248.000.

Zalas, John M.: *See—*

Warnaka, Glenn E.; and Zalas, John M., 4,562,589, Cl. 381-71.000.

Zalesak, Philip F.; and Moore, Ronald D., to United States of America, Navy. Air conditioning system with evaporative cooling apparatus. 4,493,195, 1-15-85, Cl. 62-402.000.

Zalewski, Gerald F., to White Consolidated Industries, Inc. Soot blower. 4,498,213, 2-12-85, Cl. 15-316.00R.

Zalewski, Jack J.: *See—*

Anderson, Harry B.; and Zalewski, Jack J., 4,501,937, Cl. 200-5.00A.

Zalkin, Michel, to Etablissements Andre Zalkin et Cie. Torsional torque controlled friction screwing head for cap installation. 4,494,358, 1-22-85, Cl. 53-331.500.

Zallen, Dennis M.: *See—*

Wilson, Christopher W.; Trujillo, Thomas M.; and Zallen, Dennis M., 4,532,996, Cl. 169-23.000.

Zally, William J.: *See—*

Field, George F.; and Zally, William J., 4,560,692, Cl. 514-313.000.

Zaltsberg, Leib. Aerodynamic damper for suppressing galloping in overhead transmission lines. 4,549,035, 10-22-85, Cl. 174-42.000.

Zaltsman, Efim, to Monarch Wine Co., Inc. Bottle with a one-piece corking means. 4,513,870, 4-30-85, Cl. 215-31.000.

Zaltsman, Saul, to Silmet Ltd. Mixing capsule assembly. 4,526,472, 7-2-85, Cl. 366-108.000.

Zamachaj, Richard A.: *See—*

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Zamaloff, Victor: *See—*

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Zaman, Mohammad K.: *See—*

Drapala, Thaddeus R.; and Zaman, Mohammad K., 4,545,077, Cl. 455-612.000.

Zambelli, Hans D.: *See—*

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Zambelli, Robert G.; and Shogren, David K., to Xerox Corporation. Multi-magnification reproduction device utilizing linear lens assembly. 4,542,983, 9-24-85, Cl. 355-55.000.

Zambias, Robert A.: *See—*

Chang, Michael N.; Hammond, Milton L.; Jensen, Norman P.; McDonald, John; and Zambias, Robert A., 4,537,903, Cl. 514-456.000.

Thompson, Kathryn L.; Zambias, Robert A.; Hammond, Milton L.; and Chang, Michael N., 4,558,067, Cl. 514-458.000.

Zambolin, Marco. Process and apparatus for reducing the temperature gradient in buildings. 4,550,649, 11-5-85, Cl. 98-39.100.

Zambon S.p.A.: *See—*

Carenzi, Angelo; Chiarino, Dario; Della Bella, Davide; Frigeni, Viviana; and Veneziani, Carlo, 4,560,696, Cl. 514-397.000.

Castaldi, Graziano; and Giordano, Claudio, 4,535,166, Cl. 548-204.000.

Castaldi, Graziano; and Giordano, Claudio, 4,537,979, Cl. 549-347.000.

Della Bella, Davide; and Chiarino, Dario, 4,520,200, Cl. 548-247.000.

Giordano, Claudio; and Castaldi, Graziano, 4,501,913, Cl. 560-100.000.

Zamboni, Alderino, to Risvin - Ricerche e Sviluppo Industriale s.r.l. Method of and apparatus for the handling of products by operative means carried in continuous movement. 4,511,027, 4-16-85, Cl. 198-478.000.

Zamboni, Alderino, to Risvin - Ricerche e Sviluppo Industriale s.r.l. Apparatus for the continuous wrapping of sweets or like products in a so-called double twist wrapper. 4,539,790, 9-10-85, Cl. 53-227.000.

Zamboni, Alderino, to Risvin - Ricerche e Sviluppo Industriale s.r.l. Continuously moving handling device for packing machines in particular for sweets and similar products. 4,539,791, 9-10-85, Cl. 53-234.000.

Zamboni, Alderino, to Risvin - Ricerche e Sviluppo Industriale s.r.l. Apparatus for sequential supply of sweets or like articles to continuously moving packing apparatus or machines. 4,539,792, 9-10-85, Cl. 53-234.000.

Zamboni, Valentino; Brichta, Corrado; and Troglia, Claudio, to Montedison S.p.A. Process for the crystallization of high polymers in the presence of nucleant systems based on zeo lites. 4,518,731, 5-21-85, Cl. 524-166.000.

Zamboni, Valentino: *See—*

Moretti, Enrico; Zamboni, Valentino; Le Van Mao, Raymond; Padovan, Mario; and Solari, Marcello, 4,525,466, Cl. 502-63.000.

Zambrano, Adolfo R., to Owens-Corning Fiberglas Corporation. Production of ferroboron. 4,509,976, 4-9-85, Cl. 75-21.000.

Zambuto, Mauro: *See—*

McGovern, Paul A.; and Zambuto, Mauro, 4,511,247, Cl. 356-3.000.

Zammuto, Samuel N., to Arachnid, Inc. Dart machine with electronic matrix. 4,561,660, 12-31-85, Cl. 273-376.000.

Zamory, William: *See—*

Lerman, Michael J.; Koehl, Richard; Chiarella, Anthony A.; and Zamory, William, 4,508,455, Cl. 366-247.000.

Zampini, Anthony: *See—*

Malon, Raymond F.; and Zampini, Anthony, 4,530,703, Cl. 55-16.000.

Zampini, William A. Offset electrical outlet. 4,545,631, 10-8-85, Cl. 339-14.00R.

- Zampino, Michael J.: *See—*
  - Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,499,114, Cl. 426-534.000.
  - Luccarelli, Domenick, Jr.; Mookherjee, Braja D.; Wilson, Richard A.; Zampino, Michael J.; and Bowen, David R., 4,526,798, Cl. 426-534.000.
  - Mookherjee, Braja D.; Chant, Bernard J.; Evers, William J.; Wilson, Richard A.; Zampino, Michael J.; and Vock, Manfred H., 4,536,583, Cl. 549-1.000.
  - Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,512,919, Cl. 252-522.00R.
  - Wilson, Richard A.; Zampino, Michael J.; Bowen, David R.; and Luccarelli, Domenick, Jr., 4,533,746, Cl. 560-144.000.
  - Wilson, Richard A.; Mookherjee, Braja D.; Zampino, Michael J.; Vock, Manfred H.; and Miller, Kevin P., 4,539,209, Cl. 426-3.000.
- Zanardelli, John K.: *See—*
  - Barr, Charles A.; Van Allen, David E.; and Zanardelli, John K., 4,491,434, Cl. 40-362.000.
- Zanardo, Agostino, to Aeritalia Societa Aerospaziale Italiana p.A. Extensible arm, particularly for space modules or vehicles. 4,557,083, 12-10-85, Cl. 52-109.000.
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- Zandbergen, Teun: *See—*
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  - Carlson, Walter H.; Zander, Gerald B.; Hanna, George C.; and Burmeister, Kevin L., 4,536,379, Cl. 423-345.000.
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- Zander, Richard A.: *See—*
  - Crumb, Donald A.; and Zander, Richard A., 4,503,677, Cl. 60-562.000.
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  - Beck, H. Wayne; Carruthers, James D.; Cornelius, Edward B.; Hettinger, William P., Jr.; Kovach, Stephen M.; Palmer, James L.; and Zandona, Oliver J., 4,513,093, Cl. 502-84.000.
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- Zandonatti, Raymond A., to Tektronix, Inc. Miniature electrical probe. 4,491,788, 1-1-85, Cl. 324-72.500.
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  - Nieveen van Dijkum, Adalbertus H. J.; Thuis, Robbert C.; and Zandveld, Paul, 4,546,371, Cl. 357-51.000.
- Zane, Michael S., to KBL Corporation. Bicycle lock. 4,545,224, 10-8-85, Cl. 70-39.000.
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  - Rossin, Ineo; and Zanella, Francesco, 4,508,308, Cl. 249-19.000.
- Zanelli, Claudio I.: *See—*
  - Horner, Michael S.; Brisken, Axel F.; and Zanelli, Claudio I., 4,528,652, Cl. 367-162.000.
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  - Kompis, Ivan; Rey-Bellet, Gerald; and Zanetti, Guido, 4,515,948, Cl. 544-325.000.
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- Zangenberg, Jan: *See—*
  - Jacobsen, Finn; Molbaek, Jens J.; Zangenberg, Jan; and Dam, Poul S., 4,535,590, Cl. 60-531.000.
- Zangl GmbH: *See—*
  - Wenger, Helmut, 4,539,467, Cl. 219-233.000.
- Zanis, Charles A.: *See—*
  - Morris, Richard A.; Lukens, William E.; and Zanis, Charles A., 4,555,614, Cl. 219-130.010.
- Zanker, Fritz: *See—*
  - Goetz, Norbert; Girgensohn, Bjoern; and Zanker, Fritz, 4,504,363, Cl. 203-14.000.
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  - Agar, Joram; and Zanker, Klaus J., 4,503,383, Cl. 324-61.00P.
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- Zanno, Paul R.; and Parliment, Thomas H., to General Foods Corporation. Flavoring with 1, 3-oxathianes. 4,534,988, 8-13-85, Cl. 426-535.000.
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  - Barnett, Ronald E.; Riemer, Jed A.; and Zanno, Paul R., 4,544,566, Cl. 426-548.000.
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- Zannoni, Cristiano, to Phillips Petroleum Company. Apparatus and method for drying particulate material. 4,492,043, 1-8-85, Cl. 34-39.000.
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  - Morris, John C.; and Zannucci, Joseph S., 4,525,504, Cl. 524-99.000.
  - Musser, Harry R.; Strickland, Thomas H.; and Zannucci, Joseph S., 4,524,165, Cl. 524-99.000.
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- Zansky, Zoltan, to Honeywell Inc. Dimmable electronic gas discharge lamp ballast. 4,523,131, 6-11-85, Cl. 315-307.000.
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  - Stamm, Thomas A.; and Zansky, Zoltan, 4,523,128, Cl. 315-291.000.
- Zansokhov, Leonid G.: *See—*
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  - van der Velde, Ype Y.; and Zantinge, Jan, 4,537,787, Cl. 426-478.000.
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  - Heidemeyer, Paulus; and Zantopp, Werner, 4,533,011, Cl. 180-65.200.
- Zanzottera, Daniele: *See—*
  - Mantellina, Calogero; and Zanzottera, Daniele, 4,517,681, Cl. 375-106.000.
- Zapisek, John M.; and Giulekas, Gus, to Standard Microsystems Corporation. High-speed merged plane logic function array. 4,516,040, 5-7-85, Cl. 307-468.000.
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  - D'Agostino, Vincent F.; Lee, Joseph Y.; Zapisek, Stephen; and Schore, George, 4,500,396, Cl. 204-107.000.
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- Zapke, Klaus: *See—*
  - Albrecht, Johannes; Jakobs, Rudolf; Turna, Osman; Vierrath, Helmut; Weil, Manfred; and Zapke, Klaus, 4,536,193, Cl. 48-77.000.
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  - Zeller, Noel E.; and Zapolski, Bronislaw, 4,538,983, Cl. 431-255.000.
- Zaporozhan, Valery N.: *See—*
  - Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.
- Zappen, Hans W.: *See—*
  - Zimmermann, Friedrich; Zettl, Herbert; Zappen, Hans W.; and Sacher, Christian, 4,542,403, Cl. 358-41.000.
- Zappia, Jean M.: *See—*
  - Reid, William J.; Zappia, Jean M.; Capocci, Gerald A.; and Spivack, John D., 4,555,541, Cl. 524-180.000.
- Zara nee Kaczian, Erzsebet: *See—*
  - Deak, Gyula; Zara nee Kaczian, Erzsebet; Gyorgy, Lajos; Fekete, Marton; Doda, Margit; Seregi, Andras; Kanyicska, Bela; Toth nee Pecsi, Erzsebet; Horvath nee Gaal, Maria; Manyai, Sandor; Gorgenyi, Frigyes; and Vaszovics nee Reichmann, Gyorgyi, 4,537,895, Cl. 514-307.000.
- Zara, Rodger A.: *See—*
  - Seitz, James P.; and Zara, Rodger A., 4,527,221, Cl. 361-379.000.
- Zaragoza, Antoine; and Zaragoza, Raymond. Scraper to rough down the surfaces of a coated finish. 4,492,011, 1-8-85, Cl. 29-81.00G.
- Zaragoza, Raymond: *See—*
  - Zaragoza, Antoine; and Zaragoza, Raymond, 4,492,011, Cl. 29-81.00G.
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  - Cardone, Michele; Grandini, Angelo; and Zaramella, Bruno, 4,507,635, Cl. 335-291.000.
- Zarchy, Andrew S., to General Electric Company. Process for producing high yield of gas turbine fuel from residual oil. 4,528,100, 7-9-85, Cl. 210-634.000.

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Zard, Sammir Z.: *See—*

Barton, Derek H. R.; Motherwell, William B.; and Zard, Sammir Z., 4,501,701, Cl. 260-397.400.

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Zaromb, Solomon. Metal-consuming power generation apparatus and methods. 4,554,222, 11-19-85, Cl. 429-19.000.

Zarr, Myron, to Minnesota Mining and Manufacturing Company. Tape guidance for belt driven cartridge. 4,534,523, 8-13-85, Cl. 242-192.000.

Zarr, Myron: *See—*

Collins, Leslie M.; and Zarr, Myron, 4,561,609, Cl. 242-192.000.

Zaruba, John V.; Hanson, Steven P.; Luecke, Beth E.; and Kuna, Wayne A., to Marvin Glass & Associates. Children's stuffed-art craft set. 4,514,175, 4-30-85, Cl. 434-82.000.

Zaruba, John V.; and Meyer, Burton C., to Marvin Glass & Associates. Figure including means for extruding plastic substance. 4,518,367, 5-21-85, Cl. 446-373.000.

Zaruba, John V.: *See—*

Rehkemper, Steven F.; Rosenwinkel, Donald A.; Zaruba, John V.; and Breslow, Jeffrey D., 4,552,363, Cl. 273-241.000.

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Zaruba, Wenzel. Tool extractor. 4,548,279, 10-22-85, Cl. 173-170.000.

Zaschke, Horst: *See—*

Demus, Dietrich; Vorbrodt, Hans-Matthias; Hauser, Anton; Vogel, Jorg; and Zaschke, Horst, 4,521,327, Cl. 252-299.610.

Zasio, John; Elvey, Dwight; and Tanizawa, Ronald, to Storage Technology Partners. Test fixture for providing electrical access to each I/O pin of a VLSI chip having a large number of I/O pins. 4,504,783, 3-12-85, Cl. 324-73.00R.

Zasio, John J., to Storage Technology Partners. CMOS LSI and VLSI chips having internal delay testing capability. 4,495,628, 1-22-85, Cl. 377-70.000.

Zasio, John J.; and Cooke, Larry, to Storage Technology Partners. CMOS Scannable latch. 4,495,629, 1-22-85, Cl. 377-70.000.

Zasio, John J.; and Cooke, Larry, to Storage Technology Partners. System for detecting and correcting errors in a CMOS computer system. 4,553,236, 11-12-85, Cl. 371-15.000.

Zaskalicky, Michael F., to United States Gypsum Company. Process for continuously calcining gypsum to low dispersed consistency stucco. 4,533,528, 8-6-85, Cl. 423-171.000.

Zassinovich, Grazia: *See—*

Mestroni, Giovanni; Zassinovich, Grazia; and Alessio, Enzo, 4,535,162, Cl. 546-159.000.

Zasuwa, Gerard A., to Henry Ford Hospital. Method and apparatus for administering blood. 4,531,941, 7-30-85, Cl. 604-113.000.

Zatek, Kazimierz. Boat hull planking method. 4,550,674, 11-5-85, Cl. 114-358.000.

Zaterka, Theodore R., to Combustion Engineering, Inc. Apparatus for regulating airflow to a chemical recovery boiler. 4,545,308, 10-8-85, Cl. 110-297.000.

Zato, Thomas J., to Zenith Electronics Corporation. Power loss compensation for programmable memory control system. 4,523,295, 6-11-85, Cl. 364-900.000.

Zatorski, Raymond A.: *See—*

Smyth, Richard T.; and Zatorski, Raymond A., 4,506,136, Cl. 219-121.0PL.

Zatulovsky, Isaak A.: *See—*

Kaluzhsky, Nikolai A.; Sizyakov, Viktor M.; Andreev, Vladimir V.; Alexeev, Alexei I.; Badaliants, Khoren A.; Zatulovsky, Isaak A.; Korneev, Valentin I.; and Kostin, Ivan M., 4,518,571, Cl. 423-119.000.

Kaluzhsky, Nikolai A.; Badaliants, Khoren A.; Kostin, Ivan M.; Zatulovsky, Isaak A.; Korneev, Valentin I.; Andreev, Vladimir V.; Kuzmin, Boris A.; Sizyakov, Viktor M.; Shmorgunenko, Nikolai S.; Krochevsky, Vladislav A.; and Alexeev, Alexei I., 4,536,216, Cl. 106-38.300.

Zaucha, Ronald J.: *See—*

Nixon, Bryan E.; Ward, Donald W.; and Zaucha, Ronald J., 4,539,169, Cl. 264-171.000.

Zauer, Karoly: *See—*

Lempert, Karoly; Harsanyi, Kalman; Doleschall, Gabor; Hornyak, Gyula; Nyitrai, Jozsef; Zauer, Karoly; Fetter, Jozsef; Simig, Gyula; Visky nee Gombos, Zsuzsanna; and Barta nee Szalai, Gizella, 4,541,955, Cl. 260-330.900.

Lempert, Karoly; Doleschall, Gabor; Fetter, Jozsef; Hornyak, Gyula; Nyitrai, Jozsef; Simig, Gyula; and Zauer, Karoly, 4,559,406, Cl. 549-291.000.

Zaugg, Paul, to BBC Brown, Boveri & Company, Limited. Method for reducing the amount of NO_x and for raising the output of a gas turbine power station of the type utilizing an air reservoir, and a gas turbine power station, of this type, operating in accordance with this method. 4,522,024, 6-11-85, Cl. 60-39.050.

Zaugg, Robert; and Keller, Werner, to Stopinc Aktiengesellschaft. Rotary sliding closure unit and liquid melt container employing the same. 4,500,018, 2-19-85, Cl. 222-598.000.

Zauhar, Helmut: *See—*

Lossl, Gunter; Zauhar, Helmut; and Stock, Horst, 4,513,544, Cl. 51-283.00R.

Zaunberger, Franz X., to Zahnraderfabrik Renk A.G. Compact drive assembly. 4,497,218, 2-5-85, Cl. 74-682.000.

Zava, Francis; and Coppa, Louis, to Commissariat a l'Energie Atomique. Device for the checking of a spring from a remote location. 4,559,820, 12-24-85, Cl. 73-161.000.

Zavalsky, Julian P.: *See—*

Shemyakina, Elena V.; Dyatlova, Nina M.; Formenov, Alexandr I.; Belikin, Alexandr V.; Fridman, Alexandr Y.; Sinko, Nina I.; Erusalimchik, Iosif G.; Efimova, Galina I.; and Zavalsky, Julian P., 4,497,696, Cl. 204-46.00G.

Zavattini, Omero: *See—*

Greco, Alberto; Bertolini, Guglielmo; and Zavattini, Omero, 4,524,187, Cl. 525-332.100.

Zavecz, Terrence E.: *See—*

Banks, Edward L.; Ellington, Thomas S., IV; and Zavecz, Terrence E., 4,529,299, Cl. 355-55.000.

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Zaveri, Vikram H.: *See—*

Kluting, Bernd; and Zaveri, Vikram H., 4,518,190, Cl. 296-65.00R.

Zavis, Wayne; and Saar, David A., to Black & Decker Inc. Universal electric motor speed sensing by using Fourier transform method. 4,527,101, 7-2-85, Cl. 318-245.000.

Zavod-Vtuz Pri Moskovskom Avtomobilnom Zavode Imeni I.A. Likhacheva: *See—*

Ganago, Oleg A.; Safonov, Anatoly V.; Stepanov, Boris A.; Subich, Vadim N.; Frolov, Alexandr D.; Lobanov, Nikolai A.; Lumer, Yakov L.; Xenofontov, Alexei M.; Rudman, Leonid I.; Lebed, Alexandr D.; Mamatsashvili, Vazha I.; Kljuchnikov, Valery F.; Birkadze, Dzhemal I.; Shklyarman, Sergei S.; Gordeev, Nikolai A.; Bocharov, Jury A.; Golovin, Vasily Y.; Kruk, Alexandr T.; Yakovenko, Ivan F.; Novikov, Vladimir V.; Grishkov, Andrei M.; Gorozhankin, Valery N.; Sergeev, Jury N.; and Svistunov, Vladimir E., 4,559,807, Cl. 72-454.000.

Zavodny, Eugene N., to Maremont Corporation. Acceleration sensitive compression head. 4,492,290, 1-8-85, Cl. 188-322.140.

Zawadzki, Stanley C., Jr.; Stadelmaier, Robert A.; and Perrone, John J., to Cecos International, Inc. Transportation and disposal of waste materials. 4,525,100, 6-25-85, Cl. 405-129.000.

Zawadzki, Thomas: *See—*

Hudgin, Donald E.; and Zawadzki, Thomas, 4,495,311, Cl. 523-126.000.

Zaweski, Edward F.; and Niebylski, Leonard M., to Ethyl Corporation. Fuel compositions. 4,541,838, 9-17-85, Cl. 44-57.000.

Zawitz, Richard E. Annular support device with pivotal segments. 4,509,929, 4-9-85, Cl. 446-102.000.

Zawodny, Arthur; and Krysicki, Jerzy, to Keystone Camera Corporation. Camera having film feed indicator. 4,492,446, 1-8-85, Cl. 354-215.000.

Zayat, Charles. Rotary resurfacing tool. 4,554,957, 11-26-85, Cl. 144-2.00R.

Zayauskas, Leo. Radiant heat collector. 4,535,753, 8-20-85, Cl. 126-274.000.

Zaydel, Wieslaw S., to General Motors Corporation. Plastic vehicle body panel mounting structure. 4,529,244, 7-16-85, Cl. 296-191.000.

Zazzu, Victor: *See—*

Dingwall, Andrew G. F.; and Zazzu, Victor, 4,507,649, Cl. 340-347.0AD.

Dingwall, Andrew G. F.; and Zazzu, Victor, 4,553,132, Cl. 340-347.0DA.

Zbinden, Paul: *See—*

Habicht, Ernst; and Zbinden, Paul, 4,500,542, Cl. 514-465.000.

Habicht, Ernst; and Zbinden, Paul, 4,517,184, Cl. 514-212.000.

Zbinden, Terry B., to Sperry Corporation. Detection of catastrophic failure of dielectric, improper connection, and temperature of a printed circuit assembly via one wire. 4,504,782, 3-12-85, Cl. 324-73.0PC.

Zbinden, Terry B., to Sperry Corporation. Clock source with automatic duty cycle correction. 4,527,075, 7-2-85, Cl. 307-265.000.

Zbinden, Terry B.: *See—*

Currie, Thomas P.; and Zbinden, Terry B., 4,504,156, Cl. 374-45.000.

Zboril, Vaclay G.: *See—*

Hamilton, Michael A.; and Zboril, Vaclay G., 4,547,473, Cl. 502-113.000.

Zbornik, Vaclav, to Hammerle AG Maschinenfabrik. Tool arrangement for a bending press. 4,509,357, 4-9-85, Cl. 72-384.000.

Zdanowski, Richard E.; and Owens, Joseph M., to Rohm and Haas Company. Floor polish composition having improved durability. 4,517,330, 5-14-85, Cl. 524-408.000.

Zdanys, John, Jr.: *See—*

Priebe, Durward H.; Weingart, Norman C.; Zdanys, John, Jr.; and English, Jack A., 4,529,851, Cl. 200-16.00D.

Zdziarski, Stanley F.: *See—*

Retsch, William H.; and Zdziarski, Stanley F., 4,550,900, Cl. 269-87.000.

Zebo, Timothy J.: *See—*

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Zebrowski, Tadeusz, to U.S. Philips Corporation. Arrangement for rotating the shaft of an electrical component. 4,507,979, 4-2-85, Cl. 74-89.220.
Zech, Alan G.: *See—*
  Wolf, Rodney A.; and Zech, Alan G., 4,527,544, Cl. 126-419.000.
Zech, Hendrik: *See—*
  Forssmann, Bernd; Wess, Othmar; Zech, Hendrik; and Chaussy, Christian, 4,530,358, Cl. 128-328.000.
  Forssmann, Bernd; Gerth, Hans-Heinrich; Zech, Hendrik; and Chaussy, Christian, 4,552,348, Cl. 269-324.000.
Zecher, Wilfried; and Merten, Rudolf, to Bayer Aktiengesellschaft. Process for the preparation of fumaric acid monoesters. 4,515,974, 5-7-85, Cl. 549-372.000.
Zecher, Wilfried; Merten, Rudolf; and Dunwald, Willi, to Bayer Aktiengesellschaft. Process for preparation of hydantoin esters through a masked polyisocyanate-carbodiimide route. 4,517,353, 5-14-85, Cl. 528-45.000.
Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, to Bayer Aktiengesellschaft. Process for the production of polyamide imides by using a phenol in the workup of the material. 4,546,138, 10-8-85, Cl. 524-326.000.
Zecher, Wilfried; Dunwald, Willi; Merten, Rudolf; and Reinking, Klaus, to Bayer Aktiengesellschaft. Polyamidoimides prepared from trimellitic acid anhydride, isocyanates and either lactams or polyamides using a mixture of diisocyanatodiphenylmethane and tolylene diisocyanates. 4,546,162, 10-8-85, Cl. 528-67.000.
Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, to Bayer Aktiengesellschaft. Polyamideimides prepared by reacting either lactams or polyamides with polyisocyanates and anhydrides using a lactam as an additive. 4,548,970, 10-22-85, Cl. 524-98.000.
Zecher, Wilfried; Dhein, Rolf; and Reinking, Klaus, to Bayer Aktiengesellschaft. Polyamideimides produced from either lactams or polyamides with isocyanates and anhydrides as thermoplasts. 4,549,006, 10-22-85, Cl. 528-73.000.
Zechnall, Martin: *See—*
  Daumer, Rolf; Feldmann, Ekkehard; Person, Martin; Wild, Ernst; and Zechnall, Martin, 4,527,523, Cl. 123-419.000.
Zeck, Ted E., to Y-Z Industries, Inc. Gas sampling pump. 4,531,895, 7-30-85, Cl. 417-401.000.
Zeda Computers International Limited: *See—*
  Bosen, Robert J., 4,495,572, Cl. 364-200.000.
Zediana, Lewis, Jr.: *See—*
  Fulton, Scott; Yankopoulos, Basil; and Zediana, Lewis, Jr., 4,562,251, Cl. 536-17.400.
Zedrosser, Ulrich, to Steyr-Daimler-Puch Aktiengesellschaft. Rifle breech assembly. 4,555,860, 12-3-85, Cl. 42-25.000.
Zee, Benjamin, to AT&T Bell Laboratories. Stack cache with fixed size stack frames. 4,530,049, 7-16-85, Cl. 364-200.000.
Zee, Benjamin: *See—*
  Gallaher, Lee E.; Toy, Wing N.; and Zee, Benjamin, 4,504,902, Cl. 364-200.000.
Zee-Cheng, Robert K.: *See—*
  Cheng, Chia-Chung; and Zee-Cheng, Robert K., 4,499,266, Cl. 544-126.000.
Zeeh, Bernd; Ammermann, Eberhard; Buschmann, Ernst; and Pommer, Ernst-Heinrich, to BASF Aktiengesellschaft. Fungicidal alpha-azolylglycols. 4,554,285, 11-19-85, Cl. 514-383.000.
Zeeh, Bernd: *See—*
  Buschmann, Ernst; Zeeh, Bernd; Jung, Johann; and Sauter, Hubert, 4,554,006, Cl. 71-76.000.
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  Boschung, Marcel; and Zehnder, Walter, 4,557,420, Cl. 239-66.000.
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Zehr, John S. Skipping stones and method of use thereof. 4,553,758, 11-19-85, Cl. 273-424.000.
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  Zeitler, Richard J., 4,502,656, Cl. 248-346.000.
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  Hignite, Alan L.; Wendt, Richard L.; Zeigler, Roy F.; and Zeigler, Warren L., 4,502,375, Cl. 98-115.0LH.
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  Grohe, Klaus; Petersen, Uwe; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,658, Cl. 514-254.000.
  Grohe, Klaus; Zeiler, Hans-Joachim; and Metzger, Karl G., 4,556,709, Cl. 544-117.000.
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  Stemmler, Bruno; and Zeilinger, Hans, 4,525,389, Cl. 427-255.100.
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  Collins, David A.; Lile, Derek L.; and Zeisse, Carl R., 4,555,273, Cl. 148-1.500.
Zeitelhack, Arthur R. Pencil holder. 4,522,522, 6-11-85, Cl. 401-88.000.
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  Auracher, Franz; Buerk, Hermann; Keil, Rudolf; Stockmann, Michael; Weingand, Kaspar; and Zeitler, Karl-Heinz, 4,505,539, Cl. 350-96.150.
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- Petty-Weeks, Bruce C.; and Zeitlin, Martin A., 4,500,732, Cl. 562-486.000.

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- Noel, Alois; Zeitvogel, Josef; Wunderlich, Erhard; and Meichsner, Michael, 4,547,135, Cl. 417-360.000.

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- Kuhn, Martin C.; and Zeitz, Vernon, 4,556,467, Cl. 204-193.000.

Zekich, Michael B.: *See—*
- Heise, Stanley R.; Blackston, Michael D.; Zekich, Michael B.; and Parselle, John L. B., 4,530,183, Cl. 49-42.000.

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Zelez, Joseph, to RCA Corporation. Diamond-like film and process for producing same. 4,504,519, 3-12-85, Cl. 427-39.000.

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Zelkowitz, Phillip, to Albany-Chicago Corporation. Multiple magnet core unit. 4,540,966, 9-10-85, Cl. 335-297.000.

Zell, Dale R.: *See—*
- Bennett, Benny M.; Meehan, Robert F.; and Zell, Dale R., 4,552,422, Cl. 339-17.0CF.

Zell, Warren E.; Imel, Charles E.; Saam, Richard D.; Hearst, Peter J.; Olah, Nicholas J.; Bialecki, Adolph; and Biggers, Rececca L., to United States of America, Navy. Automatic vacuum recyclable system for chemical-thermo cleaning of ship tanks and bilges. 4,530,131, 7-23-85, Cl. 15-321.000.

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Zeller, Bary L.: *See—*
- Saleeb, Fouad Z.; and Zeller, Bary L., 4,547,378, Cl. 426-271.000.
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- Mazziotti, Philip J., 4,505,689, Cl. 464-130.000.
- Mazziotti, Philip J., 4,515,574, Cl. 464-131.000.
- Mazziotti, Philip J., 4,530,675, Cl. 464-131.000.
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- Weible, Warren W., 4,509,932, Cl. 464-109.000.

Zeller, Gregor; and Bonn, Helmut, to Petri A.G. Electrical contact for a vehicle steering device. 4,548,454, 10-22-85, Cl. 339-3.00S.

Zeller, Hans: *See—*
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- Kleger, Ferdinand; and Zeller, Hans, 4,546,546, Cl. 30-273.000.

Zeller, Josef, to Concast Service Union AG. Method of, and apparatus for, cooling and supporting a strand in a plate mold of a continuous casting installation, especially for casting steel strands. 4,505,321, 3-19-85, Cl. 164-491.000.

Zeller, Noel E.; and Zapolski, Bronislaw, to Zeller, Noel E. Foldable safety lighter. 4,538,983, 9-3-85, Cl. 431-255.000.

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Zeller, Robert: *See—*
- Esper, Friedrich J.; and Zeller, Robert, 4,533,392, Cl. 75-230.000.

Zeller, Rolf: *See—*
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Zellerman, Gabor, deceased: *See—*
- Oreopoulos, Dimitrios G.; Zellerman, Gabor, deceased; and Price, Robert G., administrator, 4,508,367, Cl. 285-3.000.

Zellmer, Joel A., to Hewlett-Packard Company. Timing analyzer with combination transition and duration trigger. 4,495,642, 1-22-85, Cl. 382-1.000.

Zellmer, Michael, to AB Volvo. Device for controlling the temperature of the intake air to an internal combustion engine. 4,501,254, 2-26-85, Cl. 123-556.000.

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Zellweger, Shea. Devices for displaying or performing operations in a two-valued system. 4,504,236, 3-12-85, Cl. 434-433.000.

Zellweger Uster Ltd.: *See—*
- Aeppli, Kurt, 4,500,792, Cl. 250-560.000.
- Goede, Simon; Hauser, Peter; and Mira, Silvio, 4,527,894, Cl. 356-28.000.
- Murbach, Erwin; and Peter, Jean, 4,549,428, Cl. 73-32.00R.

Zelnigher, Joseph. Apparatus and method for fabrication of dental prostheses. 4,501,556, 2-26-85, Cl. 433-56.000.

Zeltner, Larry D.: *See—*
- Salmon, Stuart C.; and Zeltner, Larry D., 4,505,075, Cl. 51-165.750.

Zemanek, Joseph, Jr., to Mobil Oil Corporation. Method of locating potential low water cut hydrocarbon reservoirs in high water saturation sands. 4,506,548, 3-26-85, Cl. 73-152.000.

Zemanek, Joseph, Jr., to Mobil Oil Corporation. Acoustic well logging device for detecting compressional and shear waves. 4,516,228, 5-7-85, Cl. 367-75.000.

Zemanek, Joseph, Jr.: *See—*
- Clishem, James A.; Dennis, Charles L.; and Zemanek, Joseph, Jr., 4,542,488, Cl. 367-35.000.

Zembayashi, Michio: *See—*
- Frye, Robert B.; and Zembayashi, Michio, 4,536,529, Cl. 524-284.000.
- Pratt, Sandra L.; Lucas, Gary M.; and Zembayashi, Michio, 4,499,234, Cl. 524-783.000.

Zembilis, Konstantinos: *See—*
- Vayas, John; Zembilis, Konstantinos; and Zembilis, Lemonia, 4,525,892, Cl. 15-263.000.

Zembilis, Lemonia: *See—*
- Vayas, John; Zembilis, Konstantinos; and Zembilis, Lemonia, 4,525,892, Cl. 15-263.000.

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- Blaney, Peter G., 4,522,280, Cl. 180-175.000.
- MacIntosh, John A.; and Zeigner, Willard L., 4,516,433, Cl. 73-861.050.

Zemek, Albert W.; and Carlsen, Arthur T., to Universal Instruments Corporation. Wire pin insertion method and apparatus. 4,501,065, 2-26-85, Cl. 29-845.000.

Zemel, Jay N., to University of Pennsylvania, Trustees of the. Pyroelectric gas sensor. 4,551,425, 11-5-85, Cl. 435-4.000.

Zemke, Anne, legal representative: *See—*
- Zemke, Edward H., deceased; Pogue, Harold D.; Shah, Girish B.; and Bowles, Myron A., 4,544,146, Cl. 270-58.000.

Zemke, Edward H.: *See—*
- Guenther, Kenneth L.; and Zemke, Edward H., 4,494,742, Cl. 270-58.000.

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Zemlicka, Alvin R., to Brunswick Corporation. Water shutter. 4,498,876, 2-12-85, Cl. 440-89.000.

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- Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., 4,533,243, Cl. 356-44.000.

Zemplen nee Papp, Eva: *See—*
- Sajo, Istvan; Vamos, Gyorgy; Urmossy, Miklos; Sipos nee Kaveczka, Barbara; Zemplen nee Papp, Eva; Borsovszky, Eva; and Barta, Laszlo, 4,491,633, Cl. 436-147.000.

Zen, Enrico: *See—*
- Piccolo, Oreste; Belli, Aldo; Villa, Giovanni; Zen, Enrico; and Citterio, Attilio, 4,542,233, Cl. 560-21.000.
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Zendle, Robert, to United States of America, Energy. Thermoluminescence dosimeter. 4,546,259, 10-8-85, Cl. 250-484.100.

Zendler, Richard: *See—*
- Maack, Werner; and Zendler, Richard, 4,521,960, Cl. 29-749.000.

Zengel, Hans: *See—*
- Klostermeier, Werner; Lasher, Jeffery D.; Meyer, Gerhard; and Zengel, Hans, 4,522,880, Cl. 428-332.000.

Zengel, Hans-Georg; Bergfeld, Manfred; and Eisenhuth, Ludwig, to Akzona Incorporated. Process for the preparation of dithiazolyl disulfides. 4,558,135, 12-10-85, Cl. 548-158.000.

Zenick, Richard J.: *See—*
- Zenick, Walter N.; and Zenick, Richard J., 4,546,266, Cl. 307-10.0AT.

Zenick, Walter N.; and Zenick, Richard J. Magnetically actuated interlock. 4,546,266, 10-8-85, Cl. 307-10.0AT.

Zenitani, Hideki; Oka, Akira; Okamoto, Itsuo; Hayashi, Hisao; and Taniguchi, Masajiro, to Fujitsu Limited. Rack structure for mounting a communication apparatus. 4,496,057, 1-29-85, Cl. 211-26.000.

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- Baker, Roy F.; and Banach, Frank G., 4,547,805, Cl. 358-195.100.
- Boldt, Melvin H.; and Schwartz, James W., 4,491,872, Cl. 358-237.000.
- Borg, Arthur N.; and Mark, William J., 4,514,764, Cl. 358-181.000.
- Borg, Arthur N., 4,525,740, Cl. 358-192.100.
- Bretl, Wayne E., 4,517,533, Cl. 331-116.00R.
- Campisi, Carl, 4,551,913, Cl. 29-740.000.
- Capek, Raymond G., 4,559,506, Cl. 333-181.000.
- Chin, Daniel H.; Nowaczyk, Philip J.; and Beaumont, Gregory J., 4,529,917, Cl. 315-411.000.
- Citta, Richard W., 4,528.663, Cl. 370-94.000.

- Citta, Richard W., 4,553,161, Cl. 358-86.000.
- Citta, Richard W., 4,554,579, Cl. 358-86.000.
- Cornwell, Ross E., Jr.; Czech, John F.; and Domoleczny, James D., 4,533,105, Cl. 248-371.000.
- Cox, Charles M.; and Heuer, Charles, 4,520,392, Cl. 358-147.000.
- Dam, Robert, 4,553,120, Cl. 335-210.000.
- Danenberg, Bernard D.; and Lostumo, Arthur J., 4,491,818, Cl. 336-65.000.
- Deitch, Leonard; and Knowles, Terrance, 4,517,559, Cl. 340-712.000.
- Dobrovolny, Pierre, 4,523,159, Cl. 331-99.000.
- Fendley, James R.; Kraner, James L.; and Pekosh, Raymond J., 4,559,019, Cl. 445-67.000.
- Flasza, Michael D.; and Nienaber, David K., 4,553,141, Cl. 340-703.000.
- Garewal, Khem K. S.; and Ingle, Arthur J., 4,529,910, Cl. 315-15.000.
- Gioia, Norman F.; and Seher, Fred H., 4,547,698, Cl. 313-414.000.
- Gorski, Richard M., 4,498,028, Cl. 315-15.000.
- Griffey, Donald E., 4,521,720, Cl. 315-386.000.
- Hauge, Raymond C.; and Mycynek, Victor G., 4,536,717, Cl. 330-254.000.
- Hendrickson, Melvin C.; and Sproston, Robert L., Jr., 4,558,360, Cl. 358-120.000.
- Kelly, Gordon E.; Merrell, Richard G.; and Nakanishi, Mutsuo, 4,503,462, Cl. 358-122.000.
- Kiteley, Kenneth J., 4,510,400, Cl. 307-66.000.
- Kueny, Cindee C., 4,496,877, Cl. 315-15.000.
- Lai, Stephen H.; and Srivastava, Gopal K., 4,525,682, Cl. 330-288.000.
- Lange, Howard G.; and Ray, Francis M., 4,493,166, Cl. 51-100.00R.
- Lehnert, Stanley E., 4,539,488, Cl. 307-261.000.
- Merrell, Richard G.; and Auld, Fredreck H., 4,514,761, Cl. 358-122.000.
- Merrell, Richard G., 4,521,897, Cl. 377-115.000.
- Midland, Richard W.; and Rozansky, Boris, 4,527,192, Cl. 358-67.000.
- Midland, Richard W., 4,535,273, Cl. 315-401.000.
- Midland, Richard W., 4,560,910, Cl. 315-382.000.
- Moon, Frederick H., 4,520,507, Cl. 455-3.000.
- Rajaram, Babu, 4,511,965, Cl. 364-200.000.
- Reneau, Daniel L.; Tzakis, George J.; and Engel, Christopher M., 4,513,320, Cl. 358-166.000.
- Reneau, Daniel L., 4,535,256, Cl. 307-264.000.
- Sirazi, Semir, 4,527,194, Cl. 358-86.000.
- Skerlos, Peter C., 4,516,170, Cl. 358-191.100.
- Srivastava, Gopal K., 4,507,682, Cl. 358-178.000.
- Strammello, Peter, 4,499,495, Cl. 358-188.000.
- Strauss, Paul, 4,547,696, Cl. 313-407.000.
- Strauss, Paul, 4,553,142, Cl. 340-712.000.
- Sutton, Leroy A., 4,536,683, Cl. 315-401.000.
- Sutton, Leroy A., 4,553,166, Cl. 358-190.000.
- Templin, Frank C., 4,525,866, Cl. 455-186.000.
- Tong, Francis F.; and Vaughter, Harmon P., 4,509,207, Cl. 455-251.000.
- Turner, Rudolf, 4,535,353, Cl. 358-21.00V.
- Zato, Thomas J., 4,523,295, Cl. 364-900.000.

Zenith Radio Corporation: *See—*
- Beckman, Orval E., 4,518,997, Cl. 358-198.000.
- Tentler, Michael; Walker, David L.; Bretl, Wayne E.; and Williams, Gregory A., 4,554,581, Cl. 358-120.000.

Zenker, Reinhard: *See—*
- Mann, Arnold; Ruschek, Gerhard; and Zenker, Reinhard, 4,530,326, Cl. 123-342.000.

Zenker, Walter, to Klockner-Humboldt-Deutz AG. Synchronizing device, especially for the transmission of a motor vehicle. 4,494,638, 1-22-85, Cl. 192-48.910.

Zenkner, Kurt, to Wilhelm Gebhardt GmbH. Regenerator with a rotating regenerative heat exchanger. 4,491,171, 1-1-85, Cl. 165-7.000.

Zenner, Armin: *See—*
- Rasshofer, Werner; Konig, Klaus; Meyborg, Holger; Meckel, Walter; and Zenner, Armin, 4,525,590, Cl. 544-222.000.

Zenner, Michael M.: *See—*
- Horner, Herbert F., Jr.; Zenner, Michael M.; Nowack, Daniel P.; and Christopherson, Herman P., 4,558,558, Cl. 56-11.300.

Zenner, Walter J. Dot matrix line printer and print element driver assembly therefor. 4,539,905, 9-10-85, Cl. 101-93.050.

Zenpo, Hideharu: *See—*
- Suzuki, Takeo; Matsumoto, Itsuro; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,503,722, Cl. 74-96.000.
- Suzuki, Takeo; Yurita, Yoshihiro; and Zenpo, Hideharu, 4,507,042, Cl. 414-680.000.
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Zens, Albert P., to Varian Associates, Inc. Controlled susceptibility plugs. 4,549,136, 10-22-85, Cl. 324-308.000.

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- Hill, Howard D.; and Zens, Albert P., 4,517,516, Cl. 324-318.000.

Zens, John F.: *See—*
- Rea, Gerald M.; Stoff, William G.; and Zens, John F., 4,521,050, Cl. 296-192.000.

Zentgraf, Helmut: *See—*
- Fricke, Gunter; Geisler, Irving; and Zentgraf, Helmut, 4,557,827, Cl. 209-127.400.

Zentner, Harry, to Mauri Brothers & Thomson (Aust.) Pty. Limited. Dough improver. 4,551,334, 11-5-85, Cl. 426-26.000.

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- Dromsky, John A.; and Zenuk, Charles H., 4,559,089, Cl. 148-11.50Q.

Zenyaku Kogyo Kabushiki Kaisha: *See—*
- Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,501,736, Cl. 424-195.000.
- Mitsuhashi, Susumu; Takase, Muneaki; Yasui, Sosuke; Washizawa, Ichiro; and Yoshioka, Kimitomo, 4,528,188, Cl. 424-116.000.

Zenzo, Tamura: *See—*
- Imai, Kazuhiro; Zenzo, Tamura; and Shin-Ichiro, Kobayashi, 4,540,548, Cl. 422-52.000.

Zeon Kasei Co., Ltd.: *See—*
- Numakami, Hajime; and Kuroda, Hideyuki, 4,527,355, Cl. 49-82.000.

Zeon Kosan Co., Ltd.: *See—*
- Fukui, Yoshihiro; Tuchiya, Isamu; and Yoshida, Shun, 4,534,812, Cl. 156-132.000.

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- Bergland, Paul W., 4,545,518, Cl. 226-139.000.

Zeren, Joseph D., to United States of America, Energy. Vacuum vapor deposition gun assembly. 4,561,382, 12-31-85, Cl. 118-727.000.

Zerfass, Karl C.; and Urban, Martin, to Hoechst Aktiengesellschaft. Method for covering a length of pipe. 4,535,526, 8-20-85, Cl. 29-469.500.

Zerhoch, Georg; Sauter, Josef; Kiederle, Richard; and von Stein, Gunther, to Veit GmbH & Co. Steam ironing station. 4,543,739, 10-1-85, Cl. 38-15.000.

Zermeno, Alfonso; Marsh, Lee M., Jr.; and Cowart, Ronald W., to University of Texas System. Method of impressing and reading out a surface charge on a multi-layered detector structure. 4,539,591, 9-3-85, Cl. 358-335.000.

Zermeno, Alfonso: *See—*
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Zero-Max Industries, Incorporated: *See—*
- Anderson, Conrad V., 4,548,305, Cl. 192-56.00R.

Zerod, Richard D.: *See—*
- Charboneau, Ben J.; and Zerod, Richard D., 4,506,258, Cl. 340-618.000.

Zeroni, Ludwig: *See—*
- Pertzsch, Albert; Liepold, August; Brunner, Hubert; and Zeroni, Ludwig, 4,527,691, Cl. 206-387.000.

Zerox Corporation: *See—*
- Kopko, John J., 4,537,495, Cl. 355-3.0DD.

Zerpa Industries, Inc.: *See—*
- Pastor, Manuel G., 4,534,830, Cl. 203-86.000.

Zerrer, Gerhard, to Stihl, Andreas. Closure for a fuel tank. 4,529,099, 7-16-85, Cl. 220-315.000.

Zerres, Erwin: *See—*
- Hibbel, Josef; Gerhardus, Ulrich; Schmidt, Volkmar; Lieder, Bernhard; Scheve, Heinrich; and Zerres, Erwin, 4,541,840, Cl. 48-63.000.

Zervos, Daniel H., to Honeywell Inc. On-off thermostat based modulating air flow controller. 4,556,169, 12-3-85, Cl. 236-49.000.

Zerweck, Klaus: *See—*
- Bauser, Herbert; Kurz, Edmund; Schindler, Bernd; Zerweck, Klaus; Bolch, Thomas; Haller, Andreas; and Mager, Theo, 4,495,232, Cl. 428-41.000.

Zestar, Lawrence P.: *See—*
- Farnham, Robert A.; Zestar, Lawrence P.; and Bertelsen, Corey A., 4,495,058, Cl. 208-11.00R.

Zetena, Maurice F. Wall recess cable connector permitting simplified innerconnection and limiting protruding cables. 4,558,172, 12-10-85, Cl. 174-66.000.

Zett, John A.: *See—*
- Barclay, Thomas E.; and Zett, John A., 4,516,248, Cl. 375-76.000.

Zettier, Karl-Heinz, to Westfalia Separator AG. Centrifuge with a self-emptying drum. 4,505,700, 3-19-85, Cl. 494-30.000.

Zettl, Alexander: *See—*
- Druschke, Wolfgang; Kast, Hans; and Zettl, Alexander, 4,529,772, Cl. 524-555.000.

Zettl, Herbert: *See—*
- Zimmermann, Friedrich; Zettl, Herbert; Zappen, Hans W.; and Sacher, Christian, 4,542,403, Cl. 358-41.000.

Zettler, Hans D.: *See—*
- Berbner, Heinz; Seid, Bernhard; Voelker, Heinz; and Zettler, Hans D., 4,557,969, Cl. 428-283.000.

Zettler, Hans-Dieter: *See—*
- Ihbe, Jorg; Taubenmann, Peter; Thiele, Heino; and Zettler, Hans-Dieter, 4,505,592, Cl. 366-134.000.

Zetzsche, Friedbert: *See—*
- Meyer, Dieter; Rossmann, Christian; and Zetzsche, Friedbert, 4,539,117, Cl. 210-639.000.

Zeugner, Horst; Romer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, to Kali-Chemie Pharma GmbH. 2-Azidomethyl-1,4-benzodiazepine compounds. 4,497,740, 2-5-85, Cl. 260-244.400.

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Zeugner, Horst; Roemer, Dietmar; Liepmann, Hans; and Milkowski, Wolfgang, to Kali-Chemie Pharma GmbH. 2-Acylaminomethyl-1,4-benzodiazepine compounds and analgesic use. 4,533,662, 8-6-85, Cl. 514-221.000.

Zeugner, Horst: *See—*
- Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,515,944, Cl. 544-91.000.
- Heinemann, Henning; Jasserand, Daniel; Milkowski, Wolfgang; Yavordios, Dimitri; and Zeugner, Horst, 4,537,975, Cl. 548-359.000.
- Liepmann, Hans; Ruhland, Michael; Muesch, Herbert; Benson, Werner; Heinemann, Henning; and Zeugner, Horst, 4,508,716, Cl. 514-220.000.

Zeumer, Monika; and Straszewski, Klaus, to Autoflug GmbH. Height-adjustment device for a motor-vehicle safety belt. 4,360,204, 12-24-85, Cl. 297-483.000.

Zevatron GmbH Gesellschaft fur Fertigungseinrichtungen der Elektronik: *See—*
- Pachschwoll, Heino, 4,512,508, Cl. 228-180.100.
- Pachschwoll, Heino, 4,540,114, Cl. 228-37.000.

Zeyher, Fritz: *See—*
- Fritz, Raimund; and Zeyher, Fritz, 4,510,844, Cl. 89-135.000.

Zgliczynski, Marek: *See—*
- Peruzzi, Federigo; and Zgliczynski, Marek, 4,518,326, Cl. 417-372.000.

Zgonik, Miran, to Avtomontaza Ljubljana n.sub.o. Tovarna Gospodarskih vozil, trgovina in servis motornih vozil, TOZD Tovarna grelnih naprav n.sub.o. Thermal power measuring device. 4,538,925, 9-3-85, Cl. 374-39.000.

Zhanabaev, Tolgat M.: *See—*
- Yantsen, Ivan A.; Bekishev, Kenes K.; Savchak, Orest G.; Klok, Alexandr B.; Zhanabaev, Tolgat M.; Pakshtas, Mechislav-Valentinas K.; Glotov, Boris N.; Fink, Garold K.; Timkin, Alexei F.; Zorin, Nikolai I.; and Bobylev, Leonid M., 4,505,340, Cl. 173-134.000.

Zhang, Jiashan, to Hosch Fordertechnik GmbH. Scraper unit for an endless belt. 4,529,084, 7-16-85, Cl. 198-499.000.

Zharnov, Viktor M.: *See—*
- Vorobiev, Ivan Y.; Zharnov, Viktor M.; and Naumenko, Viktor D., 4,548,165, Cl. 123-41.840.

Zhdanovich, Larisa P.: *See—*
- Feofanov, Vitaly A.; Pilat, Boris V.; Zhdanovich, Larisa P.; Romanenko, Anatoly G.; Lukhanin, Boris S.; Donets, Oleg V.; and Korobochkin, Valery P., 4,525,254, Cl. 204-150.000.

Zhed, Viktor P.: *See—*
- Andreev, Anatoly A.; Gavrilko, Igor V.; Gavrilov, Alexei G.; Vereschaka, Anatoly S.; Zhed, Viktor P.; Padalka, Valentin G.; Sinelschikov, Andrei K.; and Tolok, Vladimir T., 4,554,201, Cl. 428-215.000.

Zhelnis, Mechislav V.: *See—*
- Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., 4,533,243, Cl. 356-44.000.

Zhiltsov, Jury S.: *See—*
- Kuznetsova, Olga M.; Novakovskaya, Zoya D.; Denisov, Vladimir A.; Kulevskaya, Elena F.; Zhiltsov, Jury S.; Kozlov, Vyacheslav I.; Korol, Vyacheslav K.; Kuzmin, Vladimir V.; Pershin, Nikolai I.; Vlasov, Evgeny V.; Reshetnikova, Natalya M.; and Tsirlin, Boris E., 4,491,751, Cl. 310-49.00R.

Zhuchkov, Mikhail I.: *See—*
- Voloshin, Nikolai V.; Baru, Jury A.; Makogon, Anatoly I.; Tokar, Boris I.; Kondratenko, Georgy G.; Zhuchkov, Mikhail I.; Lobas, Igor P.; Osyatinsky, Saul G.; Zaitsev, Igor T.; Gekker, Sergei M.; Gontovoi, Ivan Z.; and Gasilovsky, Kim S., 4,529,898, Cl. 310-15.000.

Zhujun, Zhang: *See—*
- Seitz, William R.; and Zhujun, Zhang, 4,548,907, Cl. 436-163.000.

Zhukov, Alexandr N.: *See—*
- Marchenko, Alexandr T.; Bakai, Eduard A.; Rikberg, Anatoly B.; Kutsevich, Valery L.; Zhukov, Alexandr N.; Tsyganov, Alexei I.; Semenov, Alexandr V.; Sugloba, Alexandr I.; Zaporozhan, Valery N.; and Golubev, Jury V., 4,528,979, Cl. 128-303.00R.

Zhukov, Leonid F.; Chugunny, Evgeny G.; Samchenko, Garold P.; Shumikhin, Vladimir S.; Zhelnis, Mechislav V.; Kushinsky, Ivan V.; and Zemlyavichus, Pranas V., to Institut Problem Litiya Akademii Nauk Ukrainskoi SSR. Light guide for transmitting thermal radiation from melt to pyrometer and method of measuring temperature of molten metal in metallurgical vessel with the aid of said light guide. 4,533,243, 8-6-85, Cl. 356-44.000.

Ziaylek, Theodore, Jr. Wheeled container, especially for use by firefighting and rescue squads. 4,550,931, 11-5-85, Cl. 280-655.000.

Zibelin, Henry S. Kidney stone instrument. 4,509,517, 4-9-85, Cl. 128-319.000.

Zibell, J. Scott. Method and apparatus for automatic detection and treatment of ventricular fibrillation. 4,523,595, 6-18-85, Cl. 128-419.00D.

Zibell, J. Scott. Exercising machine and method. 4,538,804, 9-3-85, Cl. 272-73.000.

Zibung, Rene A., to Swisstronic (Proprietary) Limited. Terminal box apparatus. 4,540,232, 9-10-85, Cl. 339-198.00G.

Zichner, Ludwig: *See—*
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Zichy, Theodore B. R. Precharged containers. 4,549,389, 10-29-85, Cl. 53-471.000.

Zidon, Amicam C.: *See—*
- Katz, Carlos; and Zidon, Amicam C., 4,519,759, Cl. 425-97.000.

Ziebarth, Warren S.; and Cater, Janet E. Abrasive finishing tool. 4,525,959, 7-2-85, Cl. 51-391.000.

Zieff, Mark P., to Dart Industries Inc. Storage container closure. 4,537,325, 8-27-85, Cl. 220-234.000.

Zieg, Steven A., to Mansion Industries, Inc. Railing and baluster connection. 4,505,456, 3-19-85, Cl. 256-67.000.

Ziegel, Douglas H., to RCA Corporation. Positioning and bonding a diamond to a stylus shank. 4,560,853, 12-24-85, Cl. 219-121.0LD.

Ziegelbaum, Zelik. Exercising device suitable for physical therapy and the like. 4,526,365, 7-2-85, Cl. 272-96.000.

Ziegelheim, Irwin I.; and Lerner, Lawrence, to Discovery Concepts, Inc. Work stations of knock-down modular components. 4,536,044, 8-20-85, Cl. 312-257.00R.

Ziegelmeyer, Harold R. Force multiplying locking arrangement. 4,525,097, 6-25-85, Cl. 403-259.000.

Ziegenbein, Botho: *See—*
- Reiss, Harald; and Ziegenbein, Botho, 4,517,263, Cl. 429-120.000.

Ziegenhorn, Joachim; Roder, Albert; Bartl, Knut; and Wehmeyer, Gunter, to Boehringer Mannheim GmbH. Process for specific determination of cholesterol in the presence of the HDL fraction in serum. 4,544,630, 10-1-85, Cl. 435-11.000.

Ziegenhorn, Joachim: *See—*
- Albert, Winfried; Ziegenhorn, Joachim; Siedel, Joachim; Batz, Hans-Georg; Lenz, Helmut; and Pautz, Brigitte, 4,543,325, Cl. 435-7.000.
- Deeg, Rolf; Schlumberger, Helmut; and Ziegenhorn, Joachim, 4,503,144, Cl. 435-11.000.
- Draeger, Brigitte; and Ziegenhorn, Joachim, 4,521,519, Cl. 436-17.000.
- Draeger, Brigitte; and Ziegenhorn, Joachim, 4,551,427, Cl. 435-14.000.
- Rauscher, Elli; Neumann, Ulrich; Wahlefeld, August W.; Hagen, Alexander; Gruber, Wolfgang; Ziegenhorn, Joachim; Schaich, Eugen; Deneke, Ulfert; Michal, Gerhard; and Weimann, Gunter, 4,544,631, Cl. 435-14.000.

Zieger, Josef: *See—*
- Lindenmaier, Klaus; and Zieger, Josef, 4,553,520, Cl. 123-557.000.

Ziegler, Alfred; and Musil, Gerhard, to Siemens Aktiengesellschaft. Device for initiating the remote feed of electrical users. 4,507,568, 3-26-85, Cl. 307-112.000.

Ziegler, Alfred, to Siemens Aktiengesellschaft. Circuit arrangement and method for fault locating in conjunction with equipment for the trunk feeding of electrical loads. 4,562,401, 12-31-85, Cl. 324-52.000.

Ziegler, Duane H.: *See—*
- Denning, Barry K.; and Ziegler, Duane H., 4,517,792, Cl. 56-10.200.

Ziegler, Erich. Aromatic citrus oil concentrate which is stable in storage. 4,508,747, 4-2-85, Cl. 426-651.000.

Ziegler, Georg, to Sulzer Brothers Limited. Heat exchanger with adjustable platform for cleaning and repairing. 4,535,727, 8-20-85, Cl. 122-32.000.

Ziegler, Georg: *See—*
- Veith, Gustav G.; Schonenberger, Rolf; Thumser, Udo; and Ziegler Georg, 4,527,484, Cl. 104-89.000.

Ziegler, Guenther: *See—*
- Weyrich, Claus; Ziegler, Guenther; Hoffmann, Ludwig; and Theis, Dietmar, 4,531,142, Cl. 357-17.000.

Ziegler, Hans; Henze, Siegfried; Dippert, Rainer; Schnaus, Martin; and Golda, Horst, to Texpa-Arbter Maschinenbaugesellschaft mbH. Device for straightening and cutting a textile strip. 4,493,234, 1-15-85, Cl. 83-175.000.

Ziegler, Hans: *See—*
- Parg, Adolf; Ziegler, Hans; and Wuerzer, Bruno, 4,537,621, Cl. 71-103.000.

Ziegler, Hans J. Ground bracket assembly including omega shaped compression member. 4,502,743, 3-5-85, Cl. 339-14.00L.

Ziegler, Hans J. Apparatus for alternatively and selectively connecting telephone cable shield ground straps to a ground rod and including a ground bracket. 4,552,998, 11-12-85, Cl. 200-11.00R.

Ziegler, Horst, to Siemens Aktiengesellschaft. Pressure or pressure difference measuring transducer. 4,520,675, 6-4-85, Cl. 73-718.000.

Ziegler, Horst, to Siemens Aktiengesellschaft. Pressure or pressure-difference measuring apparatus with a pressure sensor device protected against overload. 4,539,850, 9-10-85, Cl. 73-706.000.

Ziegler, James F.: *See—*
- Cairns, James A.; and Ziegler, James F., 4,528,212, Cl. 427-96.000.

Ziegler, Jeffry A.: *See—*
- Passarell, Wayne H.; and Ziegler, Jeffry A., 4,504,036, Cl. 248-632.000.

Ziegler, John A., to Morris, Anthony D. Axial piston machine having double acting pistons and a rotary control valve. 4,491,057, 1-1-85, Cl. 91-503.000.

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- Heine, Christian H., Jr.; McGaw, Robert W.; Wetzel, W. Edwin, Jr.; and Ziegler, Joseph, 4,502,669, Cl. 266-114.000.

Ziegler, Joseph L.: *See—*
- Freewalt, Wayne L.; and Ziegler, Joseph L., 4,508,194, Cl. 182-153.000.

- Ziegler, Michael J.; and Simpkins, F. Richard, to AGA Aktiebolag. Methods and apparatus for blow molding glass articles. 4,553,999, 11-19-85, Cl. 65-84.000.
- Ziegler, Michael L.; and Druke, Michael B., to Data General Corporation. Dual port cache with interleaved read accesses during alternate half-cycles and simultaneous writing. 4,493,033, 1-8-85, Cl. 364-200.000.
- Ziegler, Michael L.; Marshall, Peter G.; and Whipple, David L., to Data General Corporation. Universal memory. 4,513,372, 4-23-85, Cl. 364-200.000.
- Ziegler, Rolf; and Hauk, Peter, to Mavilor Systemes S.A. Epicyclic gear. 4,524,643, 6-25-85, Cl. 74-801.000.
- Ziegler, Rudolf: *See—*
  - Hartmann, Rolf; Krah, Albrecht; Egle, Hilda; and Ziegler, Rudolf, 4,544,441, Cl. 156-634.000.
- Ziegler S.A.: *See—*
  - Hennechart, Jean-Paul; Bramaud, Bernard; and Prat, Francois, 4,502,408, Cl. 118-61.000.
- Ziegler, Thomas K.: *See—*
  - Vella, Paul L., 4,510,770, Cl. 62-464.000.
- Ziegler, Walter, to Amtel Communications, Inc. Call concentrator with automatic line supervisor. 4,527,011, 7-2-85, Cl. 179-18.0FC.
- Ziegler, Walter: *See—*
  - Hambrecht, Juergen; Brandstetter, Franz; Ziegler, Walter; Mueller, Wolfgang F.; Bronstert, Klaus; and Echte, Adolf, 4,526,927, Cl. 525-68.000.
  - Reimann, Horst; Ziegler, Walter; Brandstetter, Franz; Theysohn, Rainer; and Pflueger, Richard, 4,554,320, Cl. 525-183.000.
- Ziegler, William R. A.; and MacAnally, Richard B., to Storage Technology Partners II. Hermetically sealed disk cartridge with adjustable optical window. 4,542,495, 9-17-85, Cl. 369-273.000.
- Ziegler, Wolfgang: *See—*
  - Knoll, Peter; Konig, Winfred; and Ziegler, Wolfgang, 4,502,761, Cl. 350-345.000.
  - Knoll, Peter; Rapps, Peter; and Ziegler, Wolfgang, 4,541,693, Cl. 350-339.00F.
- Ziegner, Bernhard A., to Motorola, Inc. LCC co-planar lead frame semiconductor IC package. 4,543,544, 9-24-85, Cl. 333-34.000.
- Ziehm, Richard T.; Wilczek, Stephen P.; Baker, George E.; Husted, Raymond R.; Dumas, Glen A.; Bunker, Keith G.; and Place, George H., Jr., to Xerox Corporation. Control system job recovery after a malfunction. 4,521,847, 6-4-85, Cl. 364-184.000.
- Ziehm, Richard T., to Xerox Corporation. Recirculative document duplex copying. 4,536,078, 8-20-85, Cl. 355-14.0SH.
- Zieke, Larry M., to Dow Chemical Company, The. Transversely adjustable profile die block. 4,522,678, 6-11-85, Cl. 156-501.000.
- Zieke, Larry M.: *See—*
  - Behr, Raymond D.; and Zieke, Larry M., 4,562,027, Cl. 264-146.000.
- Zielenski, Albert J.: *See—*
  - McBrearty, Michael; Negin, Michael; Weilerstein, I. Marvin; and Zielenski, Albert J., 4,558,596, Cl. 73-588.000.
- Zielinski, Erich: *See—*
  - Winkler, Gert; Becker, Wilfried; and Zielinski, Erich, 4,495,852, Cl. 89-46.000.
- Zielinski, Jerzy: *See—*
  - Dabrowski, Roman; Dziaduszek, Jerzy; Szczucinski, Tomasz; Stolarz, Zofia; Zielinski, Jerzy; and Kenig, Krystyna, 4,528,116, Cl. 252-299.630.
- Zielisnki, Erich: *See—*
  - Metz, Josef; and Zielisnki, Erich, 4,502,366, Cl. 89-43.00R.
- Zielke, Terry L.: *See—*
  - Davis, John E.; Zielke, Terry L.; and Coash, Ronald J., 4,508,269, Cl. 239-177.200.
  - Davis, John E.; Zielke, Terry L.; and Coash, Ronald J., 4,549,694, Cl. 239-710.000.
- Ziels, Burton D.: *See—*
  - Ayres, Paul S.; Ziels, Burton D.; and Chen, Chou-Ming, 4,512,721, Cl. 417-51.000.
- Zielsdorf, Randall A.: *See—*
  - Karpowicz, John L.; and Zielsdorf, Randall A., 4,554,492, Cl. 318-309.000.
- Ziemann, Heinz: *See—*
  - Werner, Friedrich; Blank, Heinz U.; Cramm, Gunther; Braden, Rudolf; and Ziemann, Heinz, 4,495,369. Cl. 564-480.000.
- Ziemba, Richard T., to General Electric Company. Explosive projectile. 4,494,459, 1-22-85, Cl. 102-235.000.
- Ziemecki, Stanislaw B.: *See—*
  - Mabry, Melinda A.; Prichard, William W.; and Ziemecki, Stanislaw B., 4,550,185, Cl. 549-508.000.
- Ziemek, Gerhard; Schatz, Friedrich; Muller, Dieter; and Rowell, Douglas W., to Kabelmetal Electro GmbH. Method and apparatus for manufacturing heat exchanger tubes. 4,506,135, 3-19-85, Cl. 219-107.000.
- Ziemek, Gerhard; Schatz, Friedrich; and Meyer, Hermann, to Kabelmetal Electro GmbH. Stranding device. 4,520,622, 6-4-85, Cl. 57-59.000.
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- Ziemek, Gerhard, to Kabelmetal Electro GmbH. Heat exchanger, particularly for solar collectors and method of manufacture therefor. 4,558,736, 12-17-85, Cl. 165-183.000.
- Ziemelis, Maris J.: *See—*
  - Tangney, Thomas J.; and Ziemelis, Maris J., 4,507,455, Cl. 528-26.000.
- Ziemen, Ernst-August: *See—*
  - Jung, Eggert; Roes, Christian; Wigger, Andreas; and Ziemen, Ernst-August, 4,561,016, Cl. 358-76.000.
- Ziemer, Wolf; and Holle, Wilhelm, to Flakt Aktiebolag. Ceiling construction for clean rooms. 4,554,766, 11-26-85, Cl. 52-28.000.
- Ziemiak, John J.: *See—*
  - McVicker, Gary B.; Carter, James L.; Murrell, Lawrence L.; and Ziemiak, John J., 4,522,928, Cl. 502-26.000.
- Ziemianski, John P.: *See—*
  - McCunn, Thomas H.; Ziemianski, John P.; and Franson, Ivan A., 4,545,826, Cl. 148-12.00E.
- Zientek, Lucy J.: *See—*
  - Chang, Tiang-Shing; and Zientek, Lucy J., 4,521,551, Cl. 523-120.000.
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- Zierenberg, Bernd; and Gupte, Arun R., to Boehringer Ingelheim KG. Divisible pharmaceutical tablet with delayed active ingredient release. 4,547,359, 10-15-85, Cl. 424-22.000.
- Zierenberg, Ottfried: *See—*
  - Lautenschlager, Hans-Heiner; Betzing, Hans; Prop, Gerrit; and Zierenberg, Ottfried, 4,552,869, Cl. 514-77.000.
- Zierhut, Hermann, to Richard Hirschmann Radiotechnisches Werk. Motion detector for space surveillance. 4,529,874, 7-16-85, Cl. 250-221.000.
- Zierten, Thomas A.: *See—*
  - Wang, Timothy; and Zierten, Thomas A., 4,540,143, Cl. 244-130.000.
- Zieske, William E.: *See—*
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- Zimmermann, Matthias: *See—*
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- Zingler, Christian J., to Electric Power Research Institute, Inc. Combined clamping and cutting system for moving filament. 4,557,423, 12-10-85, Cl. 242-25.00R.
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- Zinsmeyer, Thomas M., to Carrier Corporation. Variable speed drive motor system with inverter control. 4,514,991, 5-7-85, Cl. 62-209.000.
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    Clark, George W.; and Keene, Christopher B., 4,522,299, Cl. 206-315.300.
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    Kelly, Ward L., 4,534,729, Cl. 431-110.000.

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- A. Stucki Company: *See—*
  - Wiebe, Donald, Re. 31,784, Cl. 105-197.0DB.
  - Wiebe, Donald, Re. 31,988, Cl. 105-197.0DB.
- AB Wicanders Korkfabriker: *See—*
  - Harding, Sune, Re. 31,869, Cl. 215-254.000.
- Abel, Helmut. Multiple-purpose saw blade suspension arrangement for reciprocating saws. Re. 32,020, 11-5-85, Cl. 83-783.000.
- Ag-Bag Corporation: *See—*
  - Lee, Richard H., Re. 31,810, Cl. 141-114.000.
- AHI Operations Limited: *See—*
  - Phillips, Dougald S. M.; and Phillips, Peter A. J., Re. 32,019, Cl. 73-304.00R.
- Akzo N.V.: *See—*
  - Buter, Roelof, Re. 31,961, Cl. 524-539.000.
- Aldegheri, Roberto: *See—*
  - Danieletto, Giuseppina; De Bastiani, Giovanni; Faccioli, Giovanni; Brivio, Lodovico R.; Aldegheri, Roberto; and Cavazzana, Andrea, Re. 31,809, Cl. 128-92.00A.
- Aldridge, R. Warren, Jr., to Spencer Wright Industries, Inc. Align boring machine. Re. 31,859, 4-2-85, Cl. 408-54.000.
- Alexander, Warren R.: *See—*
  - Hartung, Russell M.; Appleman, Larry; and Alexander, Warren R., Re. 31,987, Cl. 362-20.000.
- Alfano, Robert R., to Philips Medical Systems, Inc. Method and apparatus for detecting the presence of caries in teeth using visible luminescence. Re. 31,815, 1-29-85, Cl. 128-665.000.
- Allan, Thomas T.: *See—*
  - Wilcox, David E.; and Allan, Thomas T., Re. 31,952, Cl. 73-40.700.
- Allied Corporation: *See—*
  - Ritsema, Irving R., Re. 31,878, Cl. 188-71.800.
- American Cyanamid Company: *See—*
  - Halverson, Frederick, Re. 31,900, Cl. 210-734.000.
- America's Cup, Inc.: *See—*
  - Harr, Robert G.; and Soli, Gaylord T., Re. 32,023, Cl. 441-112.000.
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- Ametek, Inc.: *See—*
  - Hyatt, Robert L.; and Niessner, Norbert H., Re. 32,027, Cl. 417-368.000.
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- Ancker, Fred H.; Ashcraft, Arnold C., Jr.; Leung, Martin S.; and Ku, Audrey Y., to Union Carbide Corporation. Reinforcement promoters for filled thermoplastic polymers. Re. 31,992, 9-24-85, Cl. 523-202.000.
- Andersen, Niels I.: *See—*
  - Madsen, Ingvard M.; and Andersen, Niels I., Re. 31,841, Cl. 431-208.000.
- Anderson, Charles H.: *See—*
  - Peters, Kenneth D.; and Anderson, Charles H., Re. 31,894, Cl. 313-422.000.
- Ando, Yoshio: *See—*
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- Animal Veterinary Products, Inc.: *See—*
  - Rosenberg, Alexander J.; and Rosenberg, Philip M., Re. 32,052, Cl. 119-103.000.
- Apontoweil, Peter; and Krasselt, Manfred M., to Gist-Brocades N.V. Infectious bronchitis vaccine for poultry. Re. 31,830, 2-12-85, Cl. 424-89.000.
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  - Hartung, Russell M.; Appleman, Larry; and Alexander, Warren R., Re. 31,987, Cl. 362-20.000.
- Arthur D. Little, Inc.: *See—*
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- Asahi Kasei Kogyo Kabushiki Kaisha: *See—*
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- Asahi Kogaku Kogyo Kabushiki Kaisha: *See—*
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- AT&T Bell Laboratories: *See—*
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  - Sell, Darrell D., Re. 31,969, Cl. 372-38.000.
- Atlantic Richfield Company: *See—*
  - Moskovich, Peter P., Re. 31,882, Cl. 141-5.000.
- Atwood, Kenton; and Wright, James H., to United Catalysts, Inc. Catalyst for steam reforming of hydrocarbons. Re. 32,044, 12-3-85, Cl. 502-335.000.
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  - Sykes, Larry M.; Snow, Ray G.; de la Burde, Roger Z.; and Aument, Patrick E., Re. 32,014, Cl. 131-291.000.
- Austin Powder Company: *See—*
  - Calder, Brooke J., Jr.; Childs, David L.; Prescott, Roger N.; and Lyons, Donald W., Re. 31,953, Cl. 86-20.00C.
- Australian Merino Wool Harvesting Ltd.: *See—*
  - Lines, Lancelot H.; and Baxter, John R., Re. 31,866, Cl. 128-419.00R.
- Auth, Gerald L., to Gerber Scientific Instrument Company, The. Multiplex interferometer. Re. 31,941, 7-9-85, Cl. 356-346.000.
- Automation Industries, Inc.: *See—*
  - Ball, David J., Re. 31,995, Cl. 339-113.00R.
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- B.C.S.I. Laboratories, Inc.: *See—*
  - Sagi, Zsigmond L., Re. 32,000, Cl. 128-736.000.
- Bachman, Wesley J., to Dickey-john Corporation. Signal processing system. Re. 31,851, 3-19-85, Cl. 343-8.000.
- Bagley, Alan S., to Hewlett-Packard Company. Calculator apparatus with electronically alterable key symbols. Re. 32,040, 11-26-85, Cl. 364-900.000.
- Baker Oil Tools, Inc.: *See—*
  - McStravick, David M., Re. 31,978, Cl. 166-387.000.
- Ball, David J., to Automation Industries, Inc. Enhanced detent guide track with dog-leg. Re. 31,995, 10-1-85, Cl. 339-113.00R.
- Bardong, Helmut: *See—*
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- Barger, William M., to French Oil Mill Machinery Company, The. Apparatus for the continuous extraction of oils and soluble substances from solid materials. Re. 31,913, 6-11-85, Cl. 422-267.000.
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  - Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,983, Cl. 426-550.000.
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- Bayer Aktiengesellschaft: *See—*
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  - Meyer, Frank; Mehesch, Hans; Kubens, Rolf; and Winkelmann, Martin, Re. 31,946, Cl. 405-264.000.
- Beasley, John K.; Beckerbauer, Richard; Schleinitz, Henry M.; and Wilson, Frank C., to Mitsubishi Rayon Co., Ltd. Low attenuation optical fiber of deuterated polymer. Re. 31,868, 4-16-85, Cl. 350-96.300.
- Beasley, John K.; and Urban, Edward J., to Du Pont de Nemours, E. I., and Company. Tree-resistant ethylene polymer compositions. Re. 31,874, 4-30-85, Cl. 524-298.000.
- Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., to Basic American Foods. Dehydrated potato processes. Re. 31,982, 9-10-85, Cl. 426-550.000.
- Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., to Basic American Foods. Dehydrated potato processes and products. Re. 31,983, 9-10-85, Cl. 426-550.000.
- Beckerbauer, Richard: *See—*
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  - McFarland, Archie R., Re. 32,060, Cl. 426-55.000.
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Buter, Roelof, to Akzo N.V. High solids pigment coating composition. Re. 31,961, 7-30-85, Cl. 524-539.000.
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Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., to Merck & Co., Inc. 13-Halo and 13-deoxy derivatives of C-076 compounds. Re. 32,034, 11-19-85, Cl. 549-264.000.
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Clear, Theodore E.; and Dinkel, Paul E. Methods for manufacturing cementitious reinforced panels. Re. 32,038, 11-26-85, Cl. 156-44.000.
Clonch, David, to S & S Corporation. Feeder crusher. Re. 31,818, 1-29-85, Cl. 241-101.700.
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- Descoteaux, Claude; and Wenzel, Chester. Single guide rod actuating unit. Re. 31,991, 9-24-85, Cl. 294-88.000.
- Deutsch, Allan S.; and Musikant, Barry L. Dental post and wrench therefor and method of restoring bulk to a tooth root therewith. Re. 31,948, 7-16-85, Cl. 433-221.000.
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  - Luckey, George W., Re. 31,847, Cl. 250-327.200.
- Eckert, Alton B., Jr.: *See—*
  - Check, Frank T., Jr.; Eckert, Alton B., Jr.; Hinman, Bruce E.; Jones, Howell A., Jr.; Lupkas, Raymond R.; and McFiggans, Robert B., Re. 31,875, Cl. 364-900.000.
- Efamol Limited: *See—*
  - Horrobin, David F., Re. 31,836, Cl. 514-474.000.
- Egami, Tetsufumi, to Shimano Industrial Company Limited. Front derailleur for a bicycle. Re. 31,854, 3-26-85, Cl. 474-82.000.
- Eimers, Erich; Dhein, Rolf; Cohnen, Wolfgang; Kuhle, Engelbert; and Heywang, Gerhard, to Bayer Aktiengesellschaft. Solutions for stabilizing thermoplastic polycarbonates. Re. 32,046, 12-10-85, Cl. 524-107.000.
- Einglett, Robert R.; Conner, John M.; Harmon, William A.; Hawkins, James B.; Pease, William C., III; and Van Doorn, Donald W., to Lummus Industries, Inc. Roller gin and feed system incorporating the same. Re. 31,802, 1-15-85, Cl. 19-50.000.
- Elliott Turbomachinery Company, Inc.: *See—*
  - Sheilds, J. Rodger; and Carroll, Alexander A., Re. 32,042, Cl. 29-156.80R.
- Englund, Rolf A.: *See—*
  - Schibbye, (Lars) Lauritz B.; and Englund, Rolf A., Re. 32,055, Cl. 418-1.000.
- Erickson, Robert E.; and Krajewski, Richard M., to Dow Chemical Company, The. Absorbent films and laminates. Re. 31,822, 2-5-85, Cl. 128-156.000.
- Ernst Reiner, KG Feinmechanik und Apparatebau: *See—*
  - Wagner, Friedemann, Re. 31,870, Cl. 101-110.000.
- Esders, Theodore W.; Goodhue, Charles T.; and Schubert, Richard M., to Eastman Kodak Company. Analysis of lactic acid or lactate using lactate oxidase. Re. 32,016, 10-29-85, Cl. 435-28.000.
- Euverard, Maynard R.; Heide, Henry A.; and Diver, James J., to Velten & Pulver, Inc. Continuous chain stacker/unstacker. Re. 31,858, 4-2-85, Cl. 414-37.000.
- Exxon Research and Engineering Co.: *See—*
  - Ledford, Thomas H.; and Lerner, Howard, Re. 32,009, Cl. 423-578.00R.
  - Venero, Agustin F., Re. 31,871, Cl. 429-15.000.
- Faccioli, Giovanni: *See—*
  - Danieletto, Giuseppina; De Bastiani, Giovanni; Faccioli, Giovanni; Brivio, Lodovico R.; Aldegheri, Roberto; and Cavazzana, Andrea, Re. 31,809, Cl. 128-92.00A.
- Faillace, Louie M., to Crompton & Knowles Corporation. Extruder temperature controller. Re. 31,903, 6-4-85, Cl. 165-12.000.
- Farr, James B., to Tecumseh Products Company. Electro-mechanical device. Re. 31,947, 7-16-85, Cl. 417-313.000.
- Figgie International, Inc.: *See—*
  - Netteland, Loyal G., Re. 31,785, Cl. 128-204.260.
- Fine, Ralph; and Weiss, Sidney, to Colgate-Palmolive Company. Oral composition. Re. 31,954, 7-23-85, Cl. 424-49.000.
- Fischer, William K., to Uniroyal, Inc. Dynamically partially cured thermoplastic blend of monoolefin copolymer rubber and polyolefin plastic. Re. 32,028, 11-12-85, Cl. 525-194.000.
- Fisher, Michael H.: *See—*
  - Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., Re. 32,006, Cl. 549-264.000.
  - Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., Re. 32,034, Cl. 549-264.000.
- Fishter, Robert E.; Lada, Henry; and Manty, Brian A., to United Technologies Corporation. Chemical milling of high tungsten content superalloys. Re. 31,823, 2-5-85, Cl. 156-664.000.
- Flanders Filters, Inc.: *See—*
  - Wilcox, David E.; and Allan, Thomas T., Re. 31,952, Cl. 73-40.700.
- FMC Corporation: *See—*
  - Gold, Kenneth S., Re. 31,971, Cl. 73-462.000.
  - Vande Castle, Jerome J., Re. 31,853, Cl. 53-53.000.
- Foam Cutting Engineers, Inc.: *See—*
  - Pettingell, Winslow L., Re. 31,844, Cl. 427-244.000.
  - Pettingell, Winslow L., Re. 32,032, Cl. 264-101.000.
- Foreman, Ronald. Baseball bat with modified internal air pressure. Re. 31,811, 1-22-85, Cl. 273-72.00A.
- Fortuna, Vincent E.; and MacLaughlin, Donald N., to Cosden Technology, Inc. Inertial spin welding of thermoplastic and thermoplastic coated container parts. Re. 31,912, 6-11-85, Cl. 156-494.000.
- French Oil Mill Machinery Company, The: *See—*
  - Barger, William M., Re. 31,913, Cl. 422-267.000.
- Frerking, Harlan W., Jr.: *See—*
  - Pesata, Patrick J., Jr.; Frerking, Harlan W., Jr.; and Bletso, Nelson C., Re. 32,029, Cl. 525-438.000.
- Friedrich Wilh. Schwing, GmbH: *See—*
  - Heckmann, Horst; and Nawroth, Werner, Re. 32,041, Cl. 137-454.200.
- Fugate, Philip E.; and Roy, Kenneth L., to Ledex, Inc. Print wire solenoid. Re. 31,813, 1-22-85, Cl. 335-271.000.
- Fujitsu Ltd.: *See—*
  - Momma, Yoshinobu; Kawabe, Yunosuke; and Hataishi, Osamu, Re. 31,937, Cl. 357-50.000.
- Fulcher, Carol A.: *See—*
  - Zimmerman, Theodore S.; and Fulcher, Carol A., Re. 32,011, Cl. 260-112.00B.
- Gardiner, Kenneth W.: *See—*
  - Schaefer, Louis F.; and Gardiner, Kenneth W., Re. 31,964, Cl. 355-10.000.
- Garrett, Thomas C.: *See—*
  - Raymond, Douglas W.; and Garrett, Thomas C., Re. 31,828, Cl. 371-20.000.
- Geiger, Rolf; and Obermeier, Rainer, to Hoechst Aktiengesellschaft. Process for the manufacture of insulin, analogs and derivatives thereof. Re. 32,015, 10-29-85, Cl. 260-112.700.
- General Electric Company: *See—*
  - Bovenkerk, Harold P.; and Berecki, William A., Re. 31,883, Cl. 51-295.000.
  - Harris, James E.; McFadyen, Robert; Peil, William; and Schmidtz, Nicholas A., Re. 31,840, Cl. 363-97.000.
  - Litch, Ernest W., III, Re. 31,820, Cl. 219-93.000.
  - Noble, Maynard G.; and Brower, James R., Re. 31,843, Cl. 523-212.000.
  - Riesland, David H.; Hammer, Edward E.; and Lemmers, Eugene, Re. 31,970, Cl. 315-276.000.
  - Takekoshi, Tohru, Re. 31,805, Cl. 528-206.000.
- General Mills, Inc.: *See—*
  - Weiss, Verne E.; Campbell, Glenn M.; and Wilson, Gerald L., Re. 31,819, Cl. 426-439.000.
- General Motors Corporation: *See—*
  - Lindbert, Brook A., Re. 31,981, Cl. 180-247.000.
  - Winchell, Frank J., Re. 32,031, Cl. 280-282.000.
- General Signal Corporation: *See—*
  - Hartung, Russell M.; Appleman, Larry; and Alexander, Warren R., Re. 31,987, Cl. 362-20.000.
- Gerber Scientific Instrument Company, The: *See—*
  - Auth, Gerald L., Re. 31,941, Cl. 356-346.000.
- Gist-Brocades N.V.: *See—*
  - Apontoweil, Peter; and Krasselt, Manfred M., Re. 31,830, Cl. 424-89.000.
- Globol-Werk GmbH: *See—*
  - Hautmann, Horst; and Schimanski, Georg, Re. 32,017, Cl. 4-231.000.

- Goeth, Hanns: *See—*
  - Wetzel, Bernd; Reuter, Wolfgang; Woitun, Eberhard; Maier, Roland; Lechner, Uwe; Goeth, Hanns; and Werner, Rolf, Re. 31,926, Cl. 514-157.000.
- Gold, Kenneth S., to FMC Corporation. Wheel unbalance measurement system and method. Re. 31,971, 8-20-85, Cl. 73-462.000.
- Goldberg, George: *See—*
  - Johnson, Tod; Tarshis, Andrew; and Goldberg, George, Re. 31,951, Cl. 364-900.000.
- Goodhue, Charles T.: *See—*
  - Esders, Theodore W.; Goodhue, Charles T.; and Schubert, Richard M., Re. 32,016, Cl. 435-28.000.
- Goodyear Aerospace Corporation: *See—*
  - Suter, Charles A., Re. 31,898, Cl. 52-2.000.
- Goodyear Tire & Rubber Company, The: *See—*
  - Pesata, Patrick J., Jr.; Frerking, Harlan W., Jr.; and Bletso, Nelson C., Re. 32,029, Cl. 525-438.000.
- Granzow, Daniel B.; Carter, Garry L.; and Ammann, David W., to Baxter Travenol Laboratories, Inc. Method of forming a connection between two sealed conduits using radiant energy. Re. 32,056, 12-24-85, Cl. 141-1.000.
- Greig, John H., to MSI Electronics Inc. Mercury probe. Re. 32.024, 11-5-85, Cl. 324-158.00F.
- Guillaume, Emile A. H., to Zelacolor Systems Establishment. Photographic color separation equipment. Re. 31,918, 6-18-85, Cl. 354-100.000.
- Halverson, Frederick, to American Cyanamid Company. Process for the flocculation of suspended solids. Re. 31,900, 5-28-85, Cl. 210-734.000.
- Hammer, Edward E.: *See—*
  - Riesland, David H.; Hammer, Edward E.; and Lemmers, Eugene, Re. 31,970, Cl. 315-276.000.
- Haneishi, Yasuyuki: *See—*
  - Okura, Zenichi; Haneishi, Yasuyuki; and Kohmoto, Shinsuke, Re. 32,049, Cl. 354-286.000.
- Hansel, William B.; and Smith, Earl W., to Hunter Environmental Services, Inc. Method for leakage measurement. Re. 31,884, 5-14-85, Cl. 73-49.200.
- Hardesty, George K. C.: *See—*
  - Dice, Harry E., Sr., Re. 31,791, Cl. 70-421.000.
- Harding, Sune, to AB Wicanders Korkfabriker. Bottle caps. Re. 31,869, 4-23-85, Cl. 215-254.000.
- Harmon, Bud G.: *See—*
  - Skoch, Leroy V.; Harmon, Bud G.; and Dickerson, Charles W., Re. 31,804, Cl. 426-658.000.
- Harmon, William A.: *See—*
  - Einglett, Robert R.; Conner, John M.; Harmon, William A.; Hawkins, James B.; Pease, William C., III; and Van Doorn, Donald W., Re. 31,802, Cl. 19-50.000.
- Harr, Robert G.; and Soli, Gaylord T., to America's Cup, Inc. Flotation vest. Re. 32,023, 11-5-85, Cl. 441-112.000.
- Harris, James E.; McFadyen, Robert; Peil, William; and Schmidtz, Nicholas A., to General Electric Company. Transformer for use in a static inverter. Re. 31,840, 2-26-85, Cl. 363-97.000.
- Hartung, Russell M.; Appleman, Larry; and Alexander, Warren R., to General Signal Corporation. Automatic lamp bulb changer for signal lamps. Re. 31,987, 9-17-85, Cl. 362-20.000.
- Hartwell Corporation: *See—*
  - Poe, L. Richard, Re. 31,935, Cl. 292-113.000.
- Hasegawa, Katsuji, to Meinan Machinery Works, Inc. Veneer lathe. Re. 31,786, 1-1-85, Cl. 144-213.000.
- Hashimoto, Kazuo. Telephone information displaying device. Re. 31,789, 1-1-85, Cl. 179-5.500.
- Hataishi, Osamu: *See—*
  - Momma, Yoshinobu; Kawabe, Yunosuke; and Hataishi, Osamu, Re. 31,937, Cl. 357-50.000.
- Hauni-Werke Korber & Co. KG: *See—*
  - Wahle, Gunter, Re. 32,001, Cl. 414-416.000.
  - Wochnowski, Waldemar, Re. 31,816, Cl. 131-296.000.
- Hautmann, Horst; and Schimanski, Georg, to Globol-Werk GmbH. Toilet flush water colorizer. Re. 32,017, 11-5-85, Cl. 4-231.000.
- Hawkeye Chemical Company: *See—*
  - Moore, William P., Jr., Re. 31,801, Cl. 71-29.000.
- Hawkins, James B.: *See—*
  - Einglett, Robert R.; Conner, John M.; Harmon, William A.; Hawkins, James B.; Pease, William C., III; and Van Doorn, Donald W., Re. 31,802, Cl. 19-50.000.
- Hayashi, Masaaki; Sasaki, Hiroharu; and Tsuneta, Kazuyoshi, to Dai Nippon Toryo Co, Ltd. Aqueous dispersion type thermosetting coating composition. Re. 31,985, 9-17-85, Cl. 523-501.000.
- Heckmann, Horst; and Nawroth, Werner, to Friedrich Wilh. Schwing, GmbH. Control valve for viscous material pumps. Re. 32,041, 11-26-85, Cl. 137-454.200.
- Heide, Henry A.: *See—*
  - Euverard, Maynard R.; Heide, Henry A.; and Diver, James J., Re. 31,858, Cl. 414-37.000.
- Hewlett-Packard Company: *See—*
  - Bagley, Alan S., Re. 32,040, Cl. 364-900.000.
- Heywang, Gerhard: *See—*
  - Eimers, Erich; Dhein, Rolf; Cohnen, Wolfgang; Kuhle, Engelbert; and Heywang, Gerhard, Re. 32,046, Cl. 524-107.000.
- Hilt, Merlyn R., to Hilt Tire Feedbunk, Inc. Apparatus for turning tires inside out. Re. 31,958, 7-30-85, Cl. 425-383.000.
- Hilt Tire Feedbunk, Inc.: *See—*
  - Hilt, Merlyn R., Re. 31,958, Cl. 425-383.000.
- Hinman, Bruce E.: *See—*
  - Check, Frank T., Jr.; Eckert, Alton B., Jr.; Hinman, Bruce E.; Jones, Howell A., Jr.; Lupkas, Raymond R.; and McFiggans, Robert B., Re. 31,875, Cl. 364-900.000.
- Hitachi, Ltd.: *See—*
  - Kuroiwa, Hiroshi; and Sasayama, Takao, Re. 32,035, Cl. 361-154.000.
  - Oyama, Yoshishige; Yamauchi, Teruo; and Nishimura, Yutaka, Re. 31,906, Cl. 364-431.060.
- Hitachi Metals, Ltd.: *See—*
  - Miyazaki, Takeshi, Re. 32,005, Cl. 148-31.550.
- Hodel, Ulf: *See—*
  - Wagner, Alfred; Ames, Adolf; and Hodel, Ulf, Re. 32,008, Cl. 228-155.000.
- Hodgson, Martin E., to T. J. Smith & Nephew Limited. Moisture-vapor-permeable pressure-sensitive adhesive materials. Re. 31,886, 5-14-85, Cl. 428-40.000.
- Hodgson, Martin E., to T. J. Smith & Nephew Limited. Moisture-vapor-permeable pressure-sensitive adhesive materials. Re. 31,887, 5-14-85, Cl. 428-355.000.
- Hoechst Aktiengesellschaft: *See—*
  - Geiger, Rolf; and Obermeier, Rainer, Re. 32,015, Cl. 260-112.700.
- Hohn, Richard; Jung, Werner; Winter, Gerhard; and Woerner, Siegfried, to Robert Bosch GmbH. Metalized recording carrier for recording instruments, and method of its manufacture. Re. 31,827, 2-5-85, Cl. 346-135.100.
- Hollister, Kenneth R.; and Thomas, Harold T., to Eastman Kodak Company. Thermal and mechanical barrier layers for optical recording elements. Re. 32,039, 11-26-85, Cl. 430-14.000.
- Holly, Harry H., to Holly Systems, Inc. Method for making food patty. Re. 31,857, 4-2-85, Cl. 17-45.000.
- Holly Systems, Inc.: *See—*
  - Holly, Harry H., Re. 31,857, Cl. 17-45.000.
- Honeywell Inc.: *See—*
  - Mott, Richard C., Re. 31,973, Cl. 236-49.000.
- Hopkins, Melvyn D., to Westinghouse Electric Corp. Gas insulated transmission line including provisions for minimizing particle generation. Re. 31,949, 7-16-85, Cl. 174-14.00R.
- Horrobin, David F., to Efamol Limited. Pharmaceutical and dietary composition. Re. 31,836, 2-19-85, Cl. 514-474.000.
- Howes, Randolph M. Venous catheter device. Re. 31,873, 4-30-85, Cl. 128-674.000.
- Hunter Environmental Services, Inc.: *See—*
  - Hansel, William B.; and Smith, Earl W., Re. 31,884, Cl. 73-49.200.
- Hyatt, Robert L.; and Niessner, Norbert H., to Ametek, Inc. Wet pick-up vacuum unit motor bearing air seal. Re. 32,027, 11-12-85, Cl. 417-368.000.
- Ibrahim, Fayez F., to Tyler Refrigeration Corporation. Refrigerated display case having ambient air defrost. Re. 31,909, 6-11-85, Cl. 62-82.000.
- Ichikawa, Satoru: *See—*
  - Nomura, Kazuhiko; and Ichikawa, Satoru, Re. 31,989, Cl. 180-219.000.
- IDR, Inc.: *See—*
  - Saylor, Richard; and Nagel, Robert H., Re. 31,863, Cl. 358-141.000.
- Imperial Chemical Industries PLC: *See—*
  - Coffee, Ronald A.; Young, Brian W.; and Middleton, Michael R., Re. 31,927, Cl. 514-521.000.
- Interfiltre S.A.: *See—*
  - Colomer, Pierre, Re. 31,792, Cl. 134-181.000.
- Intermedics, Inc.: *See—*
  - Sluetz, James E.; and Calfee, Richard V., Re. 31,990, Cl. 128-419.00P.
- Isobe, Mitsuhide: *See—*
  - Nagano, Masashi; and Isobe, Mitsuhide, Re. 31,796, Cl. 474-82.000.
- ITT Industries, Inc.: *See—*
  - Burgdorf, Jochen; Klose, Karl-Heinz; and Storzel, Karl, Re. 31,794, Cl. 188-73.350.
- Iwai, Tadashi; Kawahito, Takashi; and Yamada, Tetsuo, to Ube Industries, Inc. Process for producing metallic nitride powder. Re. 31,788, 1-1-85, Cl. 423-290.000.
- Iwata, Masakatsu: *See—*
  - Shiga, Yoshinobu; Kage, Ryusuke; and Iwata, Masakatsu, Re. 31,955, Cl. 52-209.000.
- Jenks, Richard H.; and Kipp, Egbert M., to Revere Copper and Brass Incorporated. Process for compression rolling of polymeric films. Re. 31,925, 6-25-85, Cl. 264-280.000.
- Jidosha Kiki Co., Ltd.: *See—*
  - Ohta, Ryuji; and Kobayashi, Michio, Re. 31,911, Cl. 92-98.00D.
- Johnson, Dee L., to Minnesota Mining and Manufacturing Company. Method for the alteration of a lens. Re. 31,897, 5-28-85, Cl. 51-284.00R.
- Johnson & Johnson: *See—*
  - Mesek, Frederick K.; and Mesek, Virginia R., Re. 31,922, Cl. 604-385.00A.
- Johnson, Tod; Tarshis, Andrew; and Goldberg, George, to NPD Research, Inc. Market survey data collection method. Re. 31,951, 7-16-85, Cl. 364-900.000.
- Jones, Howell A., Jr.: *See—*
  - Check, Frank T., Jr.; Eckert, Alton B., Jr.; Hinman, Bruce E.; Jones, Howell A., Jr.; Lupkas, Raymond R.; and McFiggans, Robert B., Re. 31,875, Cl. 364-900.000.
- Joy Manufacturing Company: *See—*
  - Peters, Clifford M., Re. 31,845, Cl. 137-557.000.
- Jung, Michel: *See—*
  - Metcalf, Brian W.; and Jung, Michel, Re. 31,980, Cl. 562-574.000.

Jung, Werner: *See—*
Hohn, Richard; Jung, Werner; Winter, Gerhard; and Woerner, Siegfried, Re. 31,827, Cl. 346-135.100.
Justus, Edgar J.; and Roerig, Arnold J., to Beloit Corporation. Extended nip press. Re. 31,923, 6-25-85, Cl. 162-358.000.
Kabushiki Kaisha Gemvac: *See—*
Sakuma, Shinzo; and Warabi, Junichi, Re. 31,797, Cl. 200-144.00B.
Kabushiki Kaisha Meidensha: *See—*
Sakuma, Shinzo; and Warabi, Junichi, Re. 31,797, Cl. 200-144.00B.
Kage, Ryusuke: *See—*
Shiga, Yoshinobu; Kage, Ryusuke; and Iwata, Masakatsu, Re. 31,955, Cl. 52-209.000.
Kalvitis, Robert E.: *See—*
Tickner, Donald R.; and Kalvitis, Robert E., Re. 31,891, Cl. 355-75.000.
Kawabe, Yunosuke: *See—*
Momma, Yoshinobu; Kawabe, Yunosuke; and Hataishi, Osamu, Re. 31,937, Cl. 357-50.000.
Kawachi, Hideo: *See—*
Nakamichi, Niro; Kobayashi, Kozo; and Kawachi, Hideo, Re. 32,007, Cl. 360-69.000.
Kawahito, Takashi: *See—*
Iwai, Tadashi; Kawahito, Takashi; and Yamada, Tetsuo, Re. 31,788, Cl. 423-290.000.
Kawai, Satoshi; Yamagiwa, Yoichi; Mizusawa, Masashi; Watanabe, Hiroshi; Ando, Yoshio; and Takahashi, Masaaki, to Pilot Man-Nen-Hitsu Kabushiki Kaisha; and Toyo Giken Kogyo Kabushiki Kaisha. Continuous electrolytical treatment of aluminum or its alloys. Re. 31,901, 5-28-85, Cl. 204-28.000.
Kelly, Calvin E.; and Stanley, Richard W., to United States Steel Corporation. Sealing means for a coke oven chuck door. Re. 31,959, 7-30-85, Cl. 202-248.000.
Kelman, Charles D. Intraocular lenses. Re. 31,963, 8-6-85, Cl. 623-6.000.
Kennon, James L., to Nordson Corporation. Electrostatic spray gun. Re. 31,867, 4-16-85, Cl. 239-3.000.
Kerfoot, Frank W., Jr., to Syntex (U.S.A.) Inc. Compliantly mountable turbine cartridge assembly for gas-driven dental handpiece. Re. 31,965, 8-6-85, Cl. 433-132.000.
Kimberly-Clark Corporation: *See—*
Meitner, Gary H., Re. 31,885, Cl. 252-91.000.
Kipp, Egbert M.: *See—*
Jenks, Richard H.; and Kipp, Egbert M., Re. 31,925, Cl. 264-280.000.
Klehm, William G., Jr. High speed serial scan and readout of keyboards. Re. 31,942, 7-9-85, Cl. 340-365.00E.
Klein, Max. Porous media to seperate gases liquid droplets and/or solid particles from gases or vapors and coalesce entrained droplets. Re. 31,849, 3-19-85, Cl. 55-389.000.
Klose, Karl-Heinz: *See—*
Burgdorf, Jochen; Klose, Karl-Heinz; and Storzel, Karl, Re. 31,794, Cl. 188-73.350.
Klotzner, Winfried, to Robert Bosch GmbH. Input-output unit for a microprocessor engine control system. Re. 31,997, 10-1-85, Cl. 364-431.120.
Klukow, Roger, to Chesley F. Carlson Company. Web bending fixture. Re. 31,938, 7-9-85, Cl. 72-387.000.
Kneip, George D., Jr., to Varian Associates, Inc. NMR Spectrometer with superconducting coil having rectangular cross-section wire. Re. 31,895, 5-21-85, Cl. 324-319.000.
Knowles, James. Truss-web connector. Re. 31,807, 1-22-85, Cl. 52-693.000.
Kobayashi, Kozo: *See—*
Nakamichi, Niro; Kobayashi, Kozo; and Kawachi, Hideo, Re. 32,007, Cl. 360-69.000.
Kobayashi, Michio: *See—*
Ohta, Ryuji; and Kobayashi, Michio, Re. 31,911, Cl. 92-98.00D.
Kohmoto, Shinsuke: *See—*
Okura, Zenichi; Haneishi, Yasuyuki; and Kohmoto, Shinsuke, Re. 32,049, Cl. 354-286.000.
Konishiroku Photo Industry Co., Ltd.: *See—*
Sugita, Hiroshi; Saito, Shizuo; Sato, Ryosuke; and Yamashita, Kiyoshi, Re. 31,893, Cl. 430-544.000.
Krajewski, Richard M.: *See—*
Erickson, Robert E.; and Krajewski, Richard M., Re. 31,822, Cl. 128-156.000.
Krasselt, Manfred M.: *See—*
Apontoweil, Peter; and Krasselt, Manfred M., Re. 31,830, Cl. 424-89.000.
Krenzer, Eberhard, to Barmag Barmer Maschinenfabrik AG. Process for the production of a crimped continuous multifilament yarn. Re. 32,047, 12-17-85, Cl. 57-246.000.
Ku, Audrey Y.: *See—*
Ancker, Fred H.; Ashcraft, Arnold C., Jr.; Leung, Martin S.; and Ku, Audrey Y., Re. 31,992, Cl. 523-202.000.
Kubens, Rolf: *See—*
Meyer, Frank; Mehesch, Hans; Kubens, Rolf; and Winkelmann, Martin, Re. 31,946, Cl. 405-264.000.
Kuhle, Engelbert: *See—*
Eimers, Erich; Dhein, Rolf; Cohnen, Wolfgang; Kuhle, Engelbert; and Heywang, Gerhard, Re. 32,046, Cl. 524-107.000.
Kuntz, Emile, to Rhone-Poulenc Industries. Catalytic hydroformylation of olefins. Re. 31,812, 1-22-85, Cl. 568-454.000.
Kurai, Nobuyoshi: *See—*
Tominaga, Nobuyoshi; Kurai, Nobuyoshi; Ueno, Hagime; and Suzuki, Sadahide, Re. 31,994, Cl. 180-225.000.
Kuroiwa, Hiroshi; and Sasayama, Takao, to Hitachi, Ltd. Electromechanical transducer controlling device. Re. 32,035, 11-19-85, Cl. 361-154.000.
Lada, Henry: *See—*
Fishter, Robert E.; Lada, Henry; and Manty, Brian A., Re. 31,823, Cl. 156-664.000.
Lauterjung, Friedrich G. Probe. Re. 31,800, 1-15-85, Cl. 604-270.000.
Lechner, Uwe: *See—*
Wetzel, Bernd; Reuter, Wolfgang; Woitun, Eberhard; Maier, Roland; Lechner, Uwe; Goeth, Hanns; and Werner, Rolf, Re. 31,926, Cl. 514-157.000.
Ledex, Inc.: *See—*
Fugate, Philip E.; and Roy, Kenneth L., Re. 31,813, Cl. 335-271.000.
Ledford, Thomas H.; and Lerner, Howard, to Exxon Research and Engineering Co. Degassing molten sulfur. Re. 32,009, 10-22-85, Cl. 423-578.00R.
Lee, Joseph Y.: *See—*
D'Agostino, Vincent F.; Lee, Joseph Y.; and Sentisi, Joseph C., Re. 31,824, Cl. 204-159.170.
Lee, Richard H., to Ag-Bag Corporation. Agricultural bag loading apparatus braking mechanism. Re. 31,810, 1-22-85, Cl. 141-114.000.
Lemmers, Eugene: *See—*
Riesland, David H.; Hammer, Edward E.; and Lemmers, Eugene, Re. 31,970, Cl. 315-276.000.
Lerner, Howard: *See—*
Ledford, Thomas H.; and Lerner, Howard, Re. 32,009, Cl. 423-578.00R.
Leung, Martin S.: *See—*
Ancker, Fred H.; Ashcraft, Arnold C., Jr.; Leung, Martin S.; and Ku, Audrey Y., Re. 31,992, Cl. 523-202.000.
LeVeen, Harry H. Radio frequency treatment of tumors while inducing hypotension. Re. 32,057, 12-31-85, Cl. 128-804.000.
Lindbert, Brook A., to General Motors Corporation. Control system for split axle drive mechanism. Re. 31,981, 9-10-85, Cl. 180-247.000.
Lindsey, Hiram E., Jr., to MWL Tool and Supply Company. Setting tools and liner hanger assembly. Re. 31,881, 5-14-85, Cl. 166-212.000.
Lines, Lancelot H.; and Baxter, John R., to Senil Nominees Pty. Ltd.; and Australian Merino Wool Harvesting Ltd. Immobilizing animals. Re. 31,866, 4-16-85, Cl. 128-419.00R.
Litch, Ernest W., III, to General Electric Company. Methods of making torsional vibration isolating motor mounting systems and arrangements. Re. 31,820, 1-29-85, Cl. 219-93.000.
Loeffler, Herbert H.; and Tishler, Samuel W., to Arthur D. Little, Inc. Food cooking apparatus. Re. 31,833, 2-19-85, Cl. 99-332.000.
Logan, Kenneth C.; and Ludhe, Friedrich O. B., to Sunds Defibrator, Inc. Apparatus for the treatment of lignocellulosic material. Re. 31,862, 4-9-85, Cl. 241-41.000.
London, Joe F., Jr.; and Pugh, Charles D., to Burlington Industries, Inc. Novelty yarn production. Re. 31,808, 1-22-85, Cl. 57-6.000.
Lone Star Medical Products, Inc.: *See—*
Scott, Frank B., Jr., Re. 32,021, Cl. 128-20.000.
Lord Corporation: *See—*
Rebman, Jack, Re. 31,999, Cl. 33-185.00R.
Lotsch, Wolfgang, to BASF Aktiengesellschaft. Manufacture of organic pigments. Re. 31,986, 9-17-85, Cl. 544-296.000.
Lowe, David J., to National Research Development Corporation. Chart recorders. Re. 31,896, 5-21-85, Cl. 346-136.000.
Lubbers, Dietrich W.; and Opitz, Norbert, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Method and arrangement for measuring the concentration of gases. Re. 31,879, 5-7-85, Cl. 436-133.000.
Lubin, Barry D., to Motorola, Inc. Three-party conference circuit for digital time-division-multiplex communication systems. Re. 31,814, 1-22-85, Cl. 370-62.000.
Luckey, George W., to Eastman Kodak Company. Apparatus and method for producing images corresponding to patterns of high energy radiation. Re. 31,847, 3-12-85, Cl. 250-327.200.
Ludhe, Friedrich O. B.: *See—*
Logan, Kenneth C.; and Ludhe, Friedrich O. B., Re. 31,862, Cl. 241-41.000.
Luick, Woodrow W. Convertible rotary mower-vacuum sweeper. Re. 31,930, 7-2-85, Cl. 56-12.900.
Lummus Industries, Inc.: *See—*
Einglett, Robert R.; Conner, John M.; Harmon, William A.; Hawkins, James B.; Pease, William C., III; and Van Doorn, Donald W., Re. 31,802, Cl. 19-50.000.
Lupkas, Raymond R.: *See—*
Check, Frank T., Jr.; Eckert, Alton B., Jr.; Hinman, Bruce E.; Jones, Howell A., Jr.; Lupkas, Raymond R.; and McFiggans, Robert B., Re. 31,875, Cl. 364-900.000.
Lyons, Donald W.: *See—*
Calder, Brooke J., Jr.; Childs, David L.; Prescott, Roger N.; and Lyons, Donald W., Re. 31,953, Cl. 86-20.00C.
M. W. Carr & Co., Inc.: *See—*
Paskerian, Wayne H., Re. 31,799, Cl. 40-152.100.
Machell, Greville, to Milliken Research Corporation. Hot melt adhesive bonded pile fabrics. Re. 31,826, 2-5-85, Cl. 428-92.000.
MacLaughlin, Donald N.: *See—*
Fortuna, Vincent E.; and MacLaughlin, Donald N., Re. 31,912, Cl. 156-494.000.
Madsen, Ingvard M.; and Andersen, Niels I., to Danfoss A/S. Atomizer burner for oil firing plant. Re. 31,841, 3-5-85, Cl. 431-208.000.
Magni, Antonio, to AXIS S.p.A. Conveyor apparatus. Re. 31,945, 7-16-85, Cl. 198-341.000.

- Maier, Roland: *See—*
  - Wetzel, Bernd; Reuter, Wolfgang; Woitun, Eberhard; Maier, Roland; Lechner, Uwe; Goeth, Hanns; and Werner, Rolf, Re. 31,926, Cl. 514-157.000.
- Manetta, Peter J. Accumulating lift and carry conveyor. Re. 31,834, 2-19-85, Cl. 198-751.000.
- Manty, Brian A.: *See—*
  - Fishter, Robert E.; Lada, Henry; and Manty, Brian A., Re. 31,823, Cl. 156-664.000.
- Marston, Lloyd E., to Dynatron/Bondo Corporation. Disposable putty dispenser. Re. 31,934, 7-2-85, Cl. 222-181.000.
- Marting Mfg. Inc.: *See—*
  - Van Dusseldorp, Larry R., Re. 31,939, Cl. 119-53.500.
- Mason, Charles R.; Osteen, David K.; and Vaalburg, Lawrence, to Scott Paper Company. Method of making nonwoven fabric and product made thereby having both stick bonds and molten bonds. Re. 31,825, 2-5-85, Cl. 428-198.000.
- Matsushita Electric Industrial Co., Ltd.: *See—*
  - Watanabe, Masanori; Nonomura, Kinzo; and Takesako, Yoshinobu, Re. 31,876, Cl. 315-366.000.
- Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.: *See—*
  - Lubbers, Dietrich W.; and Opitz, Norbert, Re. 31,879, Cl. 436-133.000.
- McFadyen, Robert: *See—*
  - Harris, James E.; McFadyen, Robert; Peil, William; and Schmidtz, Nicholas A., Re. 31,840, Cl. 363-97.000.
- McFarland, Archie R., to Beehive Machinery, Inc. Process for de-boning meat or fish. Re. 32,050, 12-17-85, Cl. 426-479.000.
- McFarland, Archie R., to Beehive Machinery, Inc. Process for producing deboned meat products. Re. 32,060, 12-31-85, Cl. 426-55.000.
- McFiggans, Robert B.: *See—*
  - Check, Frank T., Jr.; Eckert, Alton B., Jr.; Hinman, Bruce E.; Jones, Howell A., Jr.; Lupkas, Raymond R.; and McFiggans, Robert B., Re. 31,875, Cl. 364-900.000.
- McStravick, David M., to Baker Oil Tools, Inc. Well tool having knitted wire mesh seal means and method of use thereof. Re. 31,978, 9-3-85, Cl. 166-387.000.
- Medeco Security Locks, Inc.: *See—*
  - Oliver, Roy N., Re. 31,910, Cl. 70-369.000.
- Mehesch, Hans: *See—*
  - Meyer, Frank; Mehesch, Hans; Kubens, Rolf; and Winkelmann, Martin, Re. 31,946, Cl. 405-264.000.
- Mehlum, Even, to Sentralinstitutt for Industriell Forskning. Arrangement for concentrating sea waves. Re. 32,054, 12-24-85, Cl. 405-76.000.
- Meinan Machinery Works, Inc.: *See—*
  - Hasegawa, Katsuji, Re. 31,786, Cl. 144-213.000.
- Meitner, Gary H., to Kimberly-Clark Corporation. Microfiber oil and water wipe. Re. 31,885, 5-14-85, Cl. 252-91.000.
- Melkonian, Dennis J.: *See—*
  - Melkonian. Douglas H.; Melkonian, Mark S.; Melkonian, Dennis J.; and Melkonian, Suren M., Re. 31,817, Cl. 209-3.100.
- Melkonian, Douglas H.; Melkonian, Mark S.; Melkonian, Dennis J.; and Melkonian, Suren M. Raisin separating device. Re. 31,817, 1-29-85, Cl. 209-3.100.
- Melkonian, Mark S.: *See—*
  - Melkonian, Douglas H.; Melkonian, Mark S.; Melkonian, Dennis J.; and Melkonian, Suren M., Re. 31,817, Cl. 209-3.100.
- Melkonian, Suren M.: *See—*
  - Melkonian, Douglas H.; Melkonian, Mark S.; Melkonian, Dennis J.; and Melkonian, Suren M., Re. 31,817, Cl. 209-3.100.
- Mendenhall, Robert L. Method and apparatus for recycling asphalt-aggregate compositions. Re. 31,904, 6-4-85, Cl. 366-25.000.
- Mendenhall, Robert L. Method and apparatus for recycling asphalt-aggregate compositions. Re. 31,905, 6-4-85, Cl. 106-281.00R.
- Merck & Co., Inc.: *See—*
  - Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., Re. 32,006, Cl. 549-264.000.
  - Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., Re. 32,034, Cl. 549-264.000.
- Merrell Toraude et Compagnie: *See—*
  - Metcalf, Brian W.; and Jung, Michel, Re. 31,980, Cl. 562-574.000.
- Mesek, Frederick K.; and Mesek, Virginia R., to Johnson & Johnson. Conformable disposable diapers having absorbent panel with bulged side members. Re. 31,922, 6-25-85, Cl. 604-385.00A.
- Mesek, Virginia R.: *See—*
  - Mesek, Frederick K.; and Mesek, Virginia R., Re. 31,922, Cl. 604-385.00A.
- Metcalf, Brian W.; and Jung, Michel, to Merrell Toraude et Compagnie. Olefinic derivatives of amino acids. Re. 31,980, 9-3-85, Cl. 562-574.000.
- Meyer, Frank; Mehesch, Hans; Kubens, Rolf; and Winkelmann, Martin, to Bergwerksverband GmbH; and Bayer Aktiengesellschaft. Process for consolidating and sealing off geological and artificially deposited rock and earth formations. Re. 31,946, 7-16-85, Cl. 405-264.000.
- Mickelsen, Reid A.; and Chen, Wen S., to Boeing Company, The. Methods for forming thin-film heterojunction solar cells from I-III-VI$_2$ chalcopyrite compounds, and solar cells produced thereby. Re. 31,968, 8-13-85, Cl. 136-260.000.
- Middleton, Michael R.: *See—*
  - Coffee, Ronald A.; Young, Brian W.; and Middleton, Michael R., Re. 31,927, Cl. 514-521.000.
- Miller, Donald E., to Burroughs Corporation. Display panel for displaying a bar of light. Re. 31,928, 6-25-85, Cl. 313-631.000.
- Miller, Robert: *See—*
  - Clear, Theodore E.; and Miller, Robert, Re. 31,921, Cl. 414-82.000.
- Milliken Research Corporation: *See—*
  - Machell, Greville, Re. 31,826, Cl. 428-92.000.
- Minnesota Mining and Manufacturing Company: *See—*
  - Chang, Robert W. H., Re. 31,787, Cl. 424-52.000.
  - Collins, Philip W., Re. 32,010, Cl. 156-527.000.
  - Johnson, Dee L., Re. 31,897, Cl. 51-284.00R.
- Mitchell, Stephen W. Valve timing mechanisms. Re. 31,917, 6-18-85, Cl. 123-90.150.
- Mitsubishi Rayon Co., Ltd.: *See—*
  - Beasley, John K.; Beckerbauer, Richard; Schleinitz, Henry M.; and Wilson, Frank C., Re. 31,868, Cl. 350-96.300.
- Miyazaki, Takeshi, to Hitachi Metals, Ltd. Magnetic alloy having a low melting point. Re. 32,005, 10-15-85, Cl. 148-31.550.
- Mizusawa, Masashi: *See—*
  - Kawai, Satoshi; Yamagiwa, Yoichi; Mizusawa, Masashi; Watanabe, Hiroshi; Ando, Yoshio; and Takahashi, Masaaki, Re. 31,901, Cl. 204-28.000.
- Mobil Oil Corporation: *See—*
  - Butter, Stephen A.; and Chester, Arthur W., Re. 31,919, Cl. 502-66.000.
- Mochida, Haruo, to Nissan Motor Co., Ltd. Remote control arrangement. Re. 31,899, 5-28-85, Cl. 292-8.000.
- Momma, Yoshinobu; Kawabe, Yunosuke; and Hataishi, Osamu, to Fujitsu Ltd. Semiconductor device and method for its preparation. Re. 31,937, 7-2-85, Cl. 357-50.000.
- Montgomery, Robert M.: *See—*
  - Moreland, James R.; and Montgomery, Robert M., Re. 32,033, Cl. 430-311.000.
- Moore, William P., Jr., to Hawkeye Chemical Company. Urea-formaldehyde solution for foliar fertilization. Re. 31,801, 1-15-85, Cl. 71-29.000.
- Moreland, James R.; and Montgomery, Robert M., to Texas Instruments Incorporated. Automated slice processing. Re. 32,033, 11-19-85, Cl. 430-311.000.
- Moskovich, Peter P., to Atlantic Richfield Company. Liquid dispensing nozzle assembly and method of using same. Re. 31,882, 5-14-85, Cl. 141-5.000.
- Motorola, Inc.: *See—*
  - Lubin, Barry D., Re. 31,814, Cl. 370-62.000.
- Mott, Richard C., to Honeywell Inc. Fluidic flow sensing and control apparatus. Re. 31,973, 8-20-85, Cl. 236-49.000.
- Mrozik, Helmut H.: *See—*
  - Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., Re. 32,006, Cl. 549-264.000.
  - Chabala, John C.; Fisher, Michael H.; and Mrozik, Helmut H., Re. 32,034, Cl. 549-264.000.
- MSI Electronics Inc.: *See—*
  - Greig, John H., Re. 32,024, Cl. 324-158.00F.
- Muennekehoff, Gerd: *See—*
  - Schippers, Heinz; Muennekehoff, Gerd; and Teich, Udo, Re. 31,839, Cl. 242-35.50A.
- Muijs, Cornelis G. M.: *See—*
  - Decoene, Frans J. G. C.; and Muijs, Cornelis G. M., Re. 31,860, Cl. 130-27.00P.
- Musikant, Barry L.: *See—*
  - Deutsch, Allan S.; and Musikant, Barry L., Re. 31,948, Cl. 433-221.000.
- MWL Tool and Supply Company: *See—*
  - Lindsey, Hiram E., Jr., Re. 31,881, Cl. 166-212.000.
- Myers, William D. Posterior chamber lens implant. Re. 31,998, 10-8-85, Cl. 623-6.000.
- Nadkarni, Anil V., to SCM Corporation. Dispersion strengthened metals. Re. 31,902, 5-28-85, Cl. 75-0.5BC.
- Nagano, Masashi; and Isobe, Mitsuhide, to Shimano Industrial Company Limited. Derailleur for bicycles and similar vehicles. Re. 31,796, 1-8-85, Cl. 474-82.000.
- Nagano, Masashi, to Shimano Industrial Company Limited. Rear derailleur and control wire guide. Re. 32,059, 12-31-85, Cl. 474-82.000.
- Nagel, Robert H.: *See—*
  - Saylor, Richard; and Nagel, Robert H., Re. 31,863, Cl. 358-141.000.
- Nakamichi Corporation: *See—*
  - Nakamichi, Niro; Kobayashi, Kozo; and Kawachi, Hideo, Re. 32,007, Cl. 360-69.000.
- Nakamichi, Niro; Kobayashi, Kozo; and Kawachi, Hideo, to Nakamichi Corporation. Mode changing system for a cassette tape recorder. Re. 32,007, 10-15-85, Cl. 360-69.000.
- National Research Development Corporation: *See—*
  - Binns, Kenneth J., Re. 31,950, Cl. 310-156.000.
  - Lowe, David J., Re. 31,896, Cl. 346-136.000.
- National Semiconductor Corporation: *See—*
  - Burns, Carmen D., Re. 31,967, Cl. 430-314.000.
- Nawroth, Werner: *See—*
  - Heckmann, Horst; and Nawroth, Werner, Re. 32,041, Cl. 137-454.200.
- Nettcland, Loyal G., to Figgie International, Inc. Breathing valve assembly with diaphragm control of the exhaust ports. Re. 31,785, 1-1-85, Cl. 128-204.260.
- Newton, Richard C.: *See—*
  - Borenstein, David E.; and Newton, Richard C., Re. 31,783, Cl. 28-221.000.
- Nieman, John R.; and Worman, Roger A., to Caterpillar Tractor Co. Casting mold with constricting device. Re. 31,972, 8-20-85, Cl. 164-362.000.
- Niessner, Norbert H.: *See—*
  - Hyatt, Robert L.; and Niessner, Norbert H., Re. 32,027, Cl. 417-368.000.

- Nilssen, Ole K. Electronic assembly. Re. 31,848, 3-12-85, Cl. 315-360.000.
- Nippon Electric Co., Ltd.: *See—*
  - Sato, Hisaaki, Re. 31,996, Cl. 315-3.500.
- Nippon Gakki Seizo Kabushiki Kaisha: *See—*
  - Okamoto, Shimaji, Re. 31,821, Cl. 84-1.130.
  - Tomisawa, Norio, Re. 31,931, Cl. 84-1.010.
- Nippon Light Metal Company, Limited: *See—*
  - Shiga, Yoshinobu; Kage, Ryusuke; and Iwata, Masakatsu, Re. 31,955, Cl. 52-209.000.
- Nishimura, Yutaka: *See—*
  - Oyama, Yoshishige; Yamauchi, Teruo; and Nishimura, Yutaka, Re. 31,906, Cl. 364-431.060.
- Nissan Motor Co., Ltd.: *See—*
  - Mochida, Haruo, Re. 31,899, Cl. 292-8.000.
  - Yano, Tsuneomi; and Yuzawa, Haruo, Re. 32,030, Cl. 364-431.040.
- Noble, Maynard G.; and Brower, James R., to General Electric Company. Flame retardant compositions. Re. 31,843, 3-5-85, Cl. 523-212.000.
- Noda, Hideo, to Shimano Industrial Company Limited. Fishing reel having support for a deflected spool shaft. Re. 31,920, 6-25-85, Cl. 242-212.000.
- Nomura, Kazuhiki, to Yamaha Hatsudoki Kabushiki Kaisha. Air intake conduitry for a motorcycle. Re. 31,877, 5-7-85, Cl. 180-219.000.
- Nomura, Kazuhiko; and Ichikawa, Satoru, to Yamaha Hatsudoki Kabushiki Kaisha. Motorcycle engine exhaust system. Re. 31,989, 9-24-85, Cl. 180-219.000.
- Nonnenmann, Manfred; and Bardong, Helmut, to Suddeutsche Kuhlerfabrik Julius Fr. Behr. Heat exchanger. Re. 31,889, 5-21-85, Cl. 165-173.000.
- Nonomura, Kinzo: *See—*
  - Watanabe, Masanori; Nonomura, Kinzo; and Takesako, Yoshinobu, Re. 31,876, Cl. 315-366.000.
- Nordson Corporation: *See—*
  - Kennon, James L., Re. 31,867, Cl. 239-3.000.
- NPD Research, Inc.: *See—*
  - Johnson, Tod; Tarshis, Andrew; and Goldberg, George, Re. 31,951, Cl. 364-900.000.
- Nyi, Kayson: *See—*
  - Sperry, Peter R.; Wiersema, Richard J.; and Nyi, Kayson, Re. 31,936, Cl. 524-522.000.
- Obermeier, Rainer: *See—*
  - Geiger, Rolf; and Obermeier, Rainer, Re. 32,015, Cl. 260-112.700.
- Ohta, Ryuji; and Kobayashi, Michio, to Jidosha Kiki Co., Ltd. Coupled shells for vacuum power servo booster. Re. 31,911, 6-11-85, Cl. 92-98.00D.
- Okamoto, Shimaji, to Nippon Gakki Seizo Kabushiki Kaisha. Variable function generator. Re. 31,821, 2-5-85, Cl. 84-1.130.
- Okura, Zenichi; Haneishi, Yasuyuki; and Kohmoto, Shinsuke, to Asahi Kogaku Kogyo Kabushiki Kaisha. Electrical contact arrangement for photographic camera with interchangeable lens. Re. 32,049, 12-17-85, Cl. 354-286.000.
- Oliver, Roy N., to Medeco Security Locks, Inc. Removable core cylinder lock. Re. 31,910, 6-11-85, Cl. 70-369.000.
- Olsson, Lars E. G. Pneumatic-hydraulic tool, preferably for blind riveting. Re. 31,957, 7-30-85, Cl. 173-169.000.
- Opitz, Norbert: *See—*
  - Lubbers, Dietrich W.; and Opitz, Norbert, Re. 31,879, Cl. 436-133.000.
- Orthofix s.r.l.: *See—*
  - Danieletto, Giuseppina; De Bastiani, Giovanni; Faccioli, Giovanni; Brivio, Lodovico R.; Aldegheri, Roberto; and Cavazzana, Andrea, Re. 31,809, Cl. 128-92.00A.
- Osborne, Thomas A., to Cook, Inc. Tear apart cannula. Re. 31,855, 3-26-85, Cl. 604-161.000.
- Osteen, David K.: *See—*
  - Mason, Charles R.; Osteen, David K.; and Vaalburg, Lawrence, Re. 31,825, Cl. 428-198.000.
- Oswin, Harry G.; and Blurton, Keith F., to Becton Dickinson & Company. Electrochemical gas detection method. Re. 31,914, 6-18-85, Cl. 204-1.00T.
- Oswin, Harry G.; and Blurton, Keith F., to Becton Dickinson & Company. Gas detecting and measuring device. Re. 31,915, 6-18-85, Cl. 204-412.000.
- Oswin, Harry G.; and Blurton, Keith F., to Becton Dickinson & Company. Electrochemical detection cell. Re. 31,916, 6-18-85, Cl. 204-412.000.
- Otis Engineering Corporation: *See—*
  - Taylor, Donald F.; and Bostock, James H., Re. 31,933, Cl. 166-120.000.
- Ott, Granville E., to Texas Instruments Incorporated. Digital computing system having auto-incrementing memory. Re. 31,977, 8-27-85, Cl. 364-200.000.
- Outboard Marine Corporation: *See—*
  - Prince, Anthony P., Re. 31,861, Cl. 192-0.096.
- Oyama, Yoshishige; Yamauchi, Teruo; and Nishimura, Yutaka, to Hitachi, Ltd. Control system for internal combustion engine. Re. 31,906, 6-4-85, Cl. 364-431.060.
- Pannenbecker, Heinrich; and Plate, Rudolf. Process for producing film and sheet materials from thermoplastic materials having hot tack by the blown film process and the film and sheet materials thereby obtained. Re. 31,856, 3-26-85, Cl. 156-244.140.
- Parker, Clive; Pearl, Antony, deceased; and by Calvert, Edmund, administrator, to Varian Associates, Inc. Atomic absorption spectroscopy. Re. 32,022, 11-5-85, Cl. 356-307.000.
- Parks, Lyle H.: *See—*
  - Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,982, Cl. 426-550.000.
  - Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,983, Cl. 426-550.000.
- Paskerian, Wayne H., to M. W. Carr & Co., Inc. Frame hanger. Re. 31,799, 1-15-85, Cl. 40-152.100.
- Pastoriza, James J., to Analog Devices, Incorporated. Solid state digital-to-analog converter. Re. 31,850, 3-19-85, Cl. 340-347.0DA.
- Pearl, Antony, deceased: *See—*
  - Parker, Clive; Pearl, Antony, deceased; and Calvert, Edmund, administrator, Re. 32,022, Cl. 356-307.000.
- Pease, William C., III: *See—*
  - Einglett, Robert R.; Conner, John M.; Harmon, William A.; Hawkins, James B.; Pease, William C., III; and Van Doorn, Donald W., Re. 31,802, Cl. 19-50.000.
- Peerless Manufacturing Company: *See—*
  - Sillers, Donald A., Jr., Re. 31,966, Cl. 210-238.000.
- Peil, William: *See—*
  - Harris, James E.; McFadyen, Robert; Peil, William; and Schmidtz, Nicholas A., Re. 31,840, Cl. 363-97.000.
- Pesata, Patrick J., Jr.; Frerking, Harlan W., Jr.; and Bletso, Nelson C., to Goodyear Tire & Rubber Company, The. Process to control the curing reaction between a copolyester resin and an epoxide compound, and a composition formed for that process. Re. 32,029, 11-12-85, Cl. 525-438.000.
- Peters, Clifford M., to Joy Manufacturing Company. Relay valve for fluid actuators. Re. 31,845, 3-12-85, Cl. 137-557.000.
- Peters, Kenneth D.; and Anderson, Charles H., to RCA Corporation. Modular guided beam flat display device. Re. 31,894, 5-21-85, Cl. 313-422.000.
- Petrik, John T.; and Westover, Brooke N., to Sun Chemical Corporation. Glow plug. Re. 31,908, 6-4-85, Cl. 219-270.000.
- Pettingell, Winslow L., to Foam Cutting Engineers, Inc. Method of applying modifying ingredients to open-celled polyurethane material. Re. 31,844, 3-5-85, Cl. 427-244.000.
- Pettingell, Winslow L., to Foam Cutting Engineers, Inc. Method of densifying open-celled polyurethane material. Re. 32,032, 11-19-85, Cl. 264-101.000.
- Philip Morris, Inc.: *See—*
  - de la Burde, Roger Z.; and Aument, Patrick E., Re. 32,013, Cl. 131-291.000.
  - Sykes, Larry M.; Snow, Ray G.; de la Burde, Roger Z.; and Aument, Patrick E., Re. 32,014, Cl. 131-291.000.
- Philips Medical Systems, Inc.: *See—*
  - Alfano, Robert R., Re. 31,815, Cl. 128-665.000.
- Phillips, Cecil L., to Scott Bader Company Limited. Composites and methods for providing metal clad articles and articles produced. Re. 31,960, 7-30-85, Cl. 428-418.000.
- Phillips, Dougald S. M.; and Phillips, Peter A. J., to AHI Operations Limited. Methods of and/or means for indicating the levels of liquids. Re. 32,019, 11-5-85, Cl. 73-304.00R.
- Phillips, Peter A. J.: *See—*
  - Phillips, Dougald S. M.; and Phillips, Peter A. J., Re. 32,019, Cl. 73-304.00R.
- Phillips Petroleum Company: *See—*
  - Borenstein, David E.; and Newton, Richard C., Re. 31,783, Cl. 28-221.000.
- Pilot Man-Nen-Hitsu Kabushiki Kaisha: *See—*
  - Kawai, Satoshi; Yamagiwa, Yoichi; Mizusawa, Masashi; Watanabe, Hiroshi; Ando, Yoshio; and Takahashi, Masaaki, Re. 31,901, Cl. 204-28.000.
- Pirz, Frank C.; Rabiner, Lawrence R.; Rosenberg, Aaron E.; and Wilpon, Jay G., to AT&T Bell Laboratories. Spoken word controlled automatic dialer. Re. 32,012, 10-22-85, Cl. 381-43.000.
- Pitney Bowes Inc.: *See—*
  - Check, Frank T., Jr.; Eckert, Alton B., Jr.; Hinman, Bruce E.; Jones, Howell A., Jr.; Lupkas, Raymond R.; and McFiggans, Robert B., Re. 31,875, Cl. 364-900.000.
- Plate, Rudolf: *See—*
  - Pannenbecker, Heinrich; and Plate, Rudolf, Re. 31,856, Cl 156-244.140.
- Poe, L. Richard, to Hartwell Corporation. Externally accessible adjuster for flush latches. Re. 31,935, 7-2-85, Cl. 292-113.000.
- Poirier, Robert V., to Du Pont de Nemours, E. I., and Company. Tetrafluoroethylene copolymer fine powder resin. Re. 31,907, 6-4-85, Cl. 525-276.000.
- Porat, David: *See—*
  - Seckler, David; and Porat, David, Re. 31,838, Cl. 239-177.00R.
- Prescott, Roger N.: *See—*
  - Calder, Brooke J., Jr.; Childs, David L.; Prescott, Roger N.; and Lyons, Donald W., Re. 31,953, Cl. 86-20.00C.
- Prince, Anthony P., to Outboard Marine Corporation. Single lever remote control for engine throttle and clutch. Re. 31,861, 4-9-85, Cl. 192-0.096.
- Prince Corporation: *See—*
  - Prince, Edgar D., Re. 32,048, Cl. 164-154.000.
- Prince, Edgar D., to Prince Corporation. Tie bar adjustment system. Re. 32,048, 12-17-85, Cl. 164-154.000.
- Pugh, Charles D.: *See—*
  - London, Joe F., Jr.; and Pugh, Charles D., Re. 31,808, Cl. 57-6.000.
- Pulley, Arden O.: *See—*
  - Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,982, Cl. 426-550.000.
  - Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,983, Cl. 426-550.000.

R. E. Phelon Company, Inc.: *See—*
  Burson, Bob O., Re. 31,837, Cl. 123-601.000.

Rabiner, Lawrence R.: *See—*
  Pirz, Frank C.; Rabiner, Lawrence R.; Rosenberg, Aaron E.; and Wilpon, Jay G., Re. 32,012, Cl. 381-43.000.

RAI Research Corporation: *See—*
  D'Agostino, Vincent F.; Lee, Joseph Y.; and Sentisi, Joseph C., Re. 31,824, Cl. 204-159.170.

Ralston Purina Company: *See—*
  Skoch, Leroy V.; Harmon, Bud G.; and Dickerson, Charles W., Re. 31,804, Cl. 426-658.000.

Rannenberg, George C., to United Technologies Corporation. Pneumatic supply system having variable geometry compressor. Re. 31,835, 2-19-85, Cl. 417-282.000.

Raymond, Douglas W.; and Garrett, Thomas C., to Zehntel, Inc. In-circuit digital tester. Re. 31,828, 2-5-85, Cl. 371-20.000.

RCA Corporation: *See—*
  Peters, Kenneth D.; and Anderson, Charles H., Re. 31,894, Cl. 313-422.000.

Ready, Patrick J., to Typologics, Inc. Multichannel coherent receiver. Re. 31,943, 7-9-85, Cl. 455-226.000.

Rebman, Jack, to Lord Corporation. Adjustable link-type insertion compliance device. Re. 31,999, 10-8-85, Cl. 33-185.00R.

Reed, Martin R.: *See—*
  Weber, Franz K.; and Reed, Martin R., Re. 31,798, Cl. 362-352.000.

Reuter, Wolfgang: *See—*
  Wetzel, Bernd; Reuter, Wolfgang; Woitun, Eberhard; Maier, Roland; Lechner, Uwe; Goeth, Hanns; and Werner, Rolf, Re. 31,926, Cl. 514-157.000.

Revere Copper and Brass Incorporated: *See—*
  Jenks, Richard H.; and Kipp, Egbert M., Re. 31,925, Cl. 264-280.000.

Rhone-Poulenc Agrochimie: *See—*
  Theissen, Robert J., Re. 31,831, Cl. 560-021.000.

Rhone-Poulenc Industries: *See—*
  Kuntz, Emile, Re. 31,812, Cl. 568-454.000.

Riesland, David H.; Hammer, Edward E.; and Lemmers, Eugene, to General Electric Company. High efficiency ballast system for gaseous discharge lamps. Re. 31,970, 8-13-85, Cl. 315-276.000.

Ritchey, Eugene B. Identification tag for livestock. Re. 31,940, 7-9-85, Cl. 119-156.000.

Ritsema, Irving R., to Allied Corporation. Disc brake having a piston retraction assembly. Re. 31,878, 5-7-85, Cl. 188-71.800.

Robert Bosch GmbH: *See—*
  Domke, Klaus; and Saur, Walter, Re. 32,018, Cl. 53-480.000.
  Hohn, Richard; Jung, Werner; Winter, Gerhard; and Woerner, Siegfried, Re. 31,827, Cl. 346-135.100.
  Klotzner, Winfried, Re. 31,997, Cl. 364-431.120.

Roerig, Arnold J.: *See—*
  Justus, Edgar J.; and Roerig, Arnold J., Re. 31,923, Cl. 162-358.000.

Rohm and Haas Company: *See—*
  Sperry, Peter R.; Wiersema, Richard J.; and Nyi, Kayson, Re. 31,936, Cl. 524-522.000.

Rohrbacher, Herbert E. Apparatus for rolling chain link fence. Re. 31,795, 1-8-85, Cl. 242-54.00R.

Rosenberg, Aaron E.: *See—*
  Pirz, Frank C.; Rabiner, Lawrence R.; Rosenberg, Aaron E.; and Wilpon, Jay G., Re. 32,012, Cl. 381-43.000.

Rosenberg, Alexander J.; and Rosenberg, Philip M., to Animal Veterinary Products, Inc. Veterinary examination table. Re. 32,052, 12-24-85, Cl. 119-103.000.

Rosenberg, Philip M.: *See—*
  Rosenberg, Alexander J.; and Rosenberg, Philip M., Re. 32,052, Cl. 119-103.000.

Ross, Edward E., to Del Monte Corporation. Cocktail filling machine and method. Re. 32,025, 11-12-85, Cl. 53-435.000.

Routson, Edwin J. Portable concrete mixing and transport apparatus. Re. 32,043, 12-3-85, Cl. 366-2.000.

Roux, Christiane. Artificial joints, in particular coxo-femoral joints. Re. 31,865, 4-16-85, Cl. 3-1.912.

Roy, Kenneth L.: *See—*
  Fugate, Philip E.; and Roy, Kenneth L., Re. 31,813, Cl. 335-271.000.

S & S Corporation: *See—*
  Clonch, David, Re. 31,818, Cl. 241-101.700.

Sagi, Zsigmond L., to B.C.S.I. Laboratories, Inc. Device for use in early detection of breast cancer. Re. 32,000, 10-8-85, Cl. 128-736.000.

Saito, Shizuo: *See—*
  Sugita, Hiroshi; Saito, Shizuo; Sato, Ryosuke; and Yamashita, Kiyoshi, Re. 31,893, Cl. 430-544.000.

Sakuma, Shinzo; and Warabi, Junichi, to Kabushiki Kaisha Meidensha; and Kabushiki Kaisha Gemvac. Arc-shield supporting structure of a vacuum power interrupter. Re. 31,797, 1-8-85, Cl. 200-144.00B.

Samulski, Thaddeus V. Temperature probe. Re. 31,832, 2-12-85, Cl. 374-131.000.

Sanders Associates, Inc.: *See—*
  Brodeur, Lester R., Re. 31,962, Cl. 343-389.000.

Sasaki, Hiroharu: *See—*
  Hayashi, Masaaki; Sasaki, Hiroharu; and Tsuneta, Kazuyoshi, Re. 31,985, Cl. 523-501.000.

Sasayama, Takao: *See—*
  Kuroiwa, Hiroshi; and Sasayama, Takao, Re. 32,035, Cl. 361-154.000.

Sato, Hisaaki, to Nippon Electric Co., Ltd. Traveling wave tube devices. Re. 31,996, 10-1-85, Cl. 315-3.500.

Sato, Ryosuke: *See—*
  Sugita, Hiroshi; Saito, Shizuo; Sato, Ryosuke; and Yamashita, Kiyoshi, Re. 31,893, Cl. 430-544.000.

Saur, Walter: *See—*
  Domke, Klaus; and Saur, Walter, Re. 32,018, Cl. 53-480.000.

Savin Corporation: *See—*
  Schaefer, Louis F.; and Gardiner, Kenneth W., Re. 31,964, Cl. 355-10.000.

Saylor, Richard; and Nagel, Robert H., to IDR, Inc. Row grabbing system. Re. 31,863, 4-9-85, Cl. 358-141.000.

Schaefer, Louis F.; and Gardiner, Kenneth W., to Savin Corporation. Automatic development electrode bias control system. Re. 31,964, 8-6-85, Cl. 355-10.000.

Schibbye, (Lars) Lauritz B.; and Englund, Rolf A., to Sullair Technology AB. Method of operation for an oil-injected screw-compressor. Re. 32,055, 12-24-85, Cl. 418-1.000.

Schimanski, Georg: *See—*
  Hautmann, Horst; and Schimanski, Georg, Re. 32,017, Cl. 4-231.000.

Schippers, Heinz; Muennekehoff, Gerd; and Teich, Udo, to Barmag Barmer Maschinenfabrik AG. Bobbin transport apparatus and method. Re. 31,839, 2-26-85, Cl. 242-35.50A.

Schleinitz, Henry M.: *See—*
  Beasley, John K.; Beckerbauer, Richard; Schleinitz, Henry M.; and Wilson, Frank C., Re. 31,868, Cl. 350-96.300.

Schmanski, Donald W. Roadway/traffic delineator. Re. 32,045, 12-10-85, Cl. 404-10.000.

Schmidtz, Nicholas A.: *See—*
  Harris, James E.; McFadyen, Robert; Peil, William; and Schmidtz, Nicholas A., Re. 31,840, Cl. 363-97.000.

Schroeder, Russell G., II: *See—*
  Ward, Joseph W.; and Schroeder, Russell G., II, Re. 31,888, Cl. 355-14.00R.

Schubert, Richard M.: *See—*
  Esders, Theodore W.; Goodhue, Charles T.; and Schubert, Richard M., Re. 32,016, Cl. 435-28.000.

Scifres, Donald R.; Streifer, William; and Brunham, Robert D., to Xerox Corporation. Monolithic multi-emitting laser device. Re. 31,806, 1-15-85, Cl. 372-50.000.

SCM Corporation: *See—*
  Nadkarni, Anil V., Re. 31,902, Cl. 75-0.5BC.

Scott Bader Company Limited: *See—*
  Phillips, Cecil L., Re. 31,960, Cl. 428-418.000.

Scott, Frank B., Jr., to Lone Star Medical Products, Inc. Surgical retractor utilizing elastic tubes frictionally held in spaced notches. Re. 32,021, 11-5-85, Cl. 128-20.000.

Scott Paper Company: *See—*
  Mason, Charles R.; Osteen, David K.; and Vaalburg, Lawrence, Re. 31,825, Cl. 428-198.000.

Scripps Clinic and Research Foundation: *See—*
  Zimmerman, Theodore S.; and Fulcher, Carol A., Re. 32,011, Cl. 260-112.00B.

Seckler, David; and Porat, David, to Valmont Industries, Inc. Irrigation apparatus. Re. 31,838, 2-26-85, Cl. 239-177.00R.

Sedgely, Barrie: *See—*
  Brunnschweiler, David; and Sedgely, Barrie, Re. 32,058, Cl. 177-1.000.

Sell, Darrell D., to AT&T Bell Laboratories. Laser control circuit. Re. 31,969, 8-13-85, Cl. 372-38.000.

Senil Nominees Pty. Ltd.: *See—*
  Lines, Lancelot H.; and Baxter, John R., Re. 31,866, Cl. 128-419.00R.

Sentisi, Joseph C.: *See—*
  D'Agostino, Vincent F.; Lee, Joseph Y.; and Sentisi, Joseph C., Re. 31,824, Cl. 204-159.170.

Sentralinstitutt for Industriell Forskning: *See—*
  Mehlum, Even, Re. 32,054, Cl. 405-76.000.

Shannon, Alan J.: *See—*
  van Bavel, Michael G.; and Shannon, Alan J., Re. 31,864, Cl. 371-20.000.

Shatila, Mounir A.: *See—*
  Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,982, Cl. 426-550.000.
  Beck, Roderick G.; Parks, Lyle H.; Shatila, Mounir A.; and Pulley, Arden O., Re. 31,983, Cl. 426-550.000.

Sheilds, J. Rodger; and Carroll, Alexander A., to Elliott Turbomachinery Company, Inc. Stator blade assembly for turbo machines. Re. 32,042, 12-3-85, Cl. 29-156.80R.

Shelton, Richard M., to Sperry Corporation. Shared processor data entry system. Re. 31,790, 1-1-85, Cl. 364-200.000.

Shiga, Yoshinobu; Kage, Ryusuke; and Iwata, Masakatsu, to Nippon Light Metal Company, Limited. Flashing construction for a curtain wall. Re. 31,955, 7-30-85, Cl. 52-209.000.

Shimano Industrial Company Limited: *See—*
  Egami, Tetsufumi, Re. 31,854, Cl. 474-82.000.
  Nagano, Masashi; and Isobe, Mitsuhide, Re. 31,796, Cl. 474-82.000.
  Nagano, Masashi, Re. 32,059, Cl. 474-82.000.
  Noda, Hideo, Re. 31,920, Cl. 242-212.000.

Shimizu, Miyuki: *See—*
  Yamashita, Iwao; and Shimizu, Miyuki, Re. 32,026, Cl. 126-263.000.

Shoberg, Ralph S.; and Ulicny, Thomas A. Constant moment weigh scale with floating flexure beam. Re. 32,002, 10-15-85, Cl. 177-24.000.

Shoberg, Ralph S. Constant moment weigh scale with floating flexure beam. Re. 32,003, 10-15-85, Cl. 177-211.000.

- Sillers, Donald A., Jr., to Peerless Manufacturing Company. Multiple filter vessel. Re. 31,966, 8-6-85, Cl. 210-238.000.
- Skoch, Leroy V.; Harmon, Bud G.; and Dickerson, Charles W., to Ralston Purina Company. Animal feed block containing ferrous sulfate and magnesium oxide. Re. 31,804, 1-15-85, Cl. 426-658.000.
- Sluetz, James E.; and Calfee, Richard V., to Intermedics, Inc. Multiple function lead assembly and method for inserting assembly into an implantable tissue stimulator. Re. 31,990, 9-24-85, Cl. 128-419.00P.
- Sluys, Wesley W., to Builders Concrete, Inc. Concrete marine float and method of fabricating. Re. 31,984, 9-17-85, Cl. 114-267.000.
- Smith, Earl W.: *See—*
  - Hansel, William B.; and Smith, Earl W., Re. 31,884, Cl. 73-49.200.
- Smith, Percy L.: *See—*
  - Comstock, Lowell R.; and Smith, Percy L., Re. 31,975, Cl. 523-514.000.
- Snow, Ray G.: *See—*
  - Sykes, Larry M.; Snow, Ray G.; de la Burde, Roger Z.; and Aument, Patrick E., Re. 32,014, Cl. 131-291.000.
- Soderblom, Olof, to Willemijn Houdstermaatschappij BV. Data transmission system. Re. 31,852, 3-19-85, Cl. 370-90.000.
- Soli, Gaylord T.: *See—*
  - Harr, Robert G.; and Soli, Gaylord T., Re. 32,023, Cl. 441-112.000.
- Spencer Wright Industries, Inc.: *See—*
  - Aldridge, R. Warren, Jr., Re. 31,859, Cl. 408-54.000.
- Sperry Corporation: *See—*
  - Decoene, Frans J. G. C.; and Muijs, Cornelis G. M., Re. 31,860, Cl. 130-27.00P.
  - Shelton, Richard M., Re. 31,790, Cl. 364-200.000.
- Sperry, Peter R.; Wiersema, Richard J.; and Nyi, Kayson, to Rohm and Haas Company. Dispersing paint pigments. Re. 31,936, 7-2-85, Cl. 524-522.000.
- Square D Company: *See—*
  - Brugner, Frank S., Jr., Re. 31,846, Cl. 75-232.000.
- Stanley, Richard W.: *See—*
  - Kelly, Calvin E.; and Stanley, Richard W., Re. 31,959, Cl. 202-248.000.
- Starr, Jerry, deceased (by Williams, Walter C., administrator), to Biohumus, Inc. Composition and method for stimulation of bacteria. Re. 31,924, 6-25-85, Cl. 210-610.000.
- Stearn, Leathem S. Two groove headstay. Re. 31,829, 2-12-85, Cl. 114-105.000.
- Storzel, Karl: *See—*
  - Burgdorf, Jochen; Klose, Karl-Heinz; and Storzel, Karl, Re. 31,794, Cl. 188-73.350.
- Strata Bit Corporation: *See—*
  - Dennis, Mahlon, Re. 32,036, Cl. 175-329.000.
- Streifer, William: *See—*
  - Scifres, Donald R.; Streifer, William; and Brunham, Robert D., Re. 31,806, Cl. 372-50.000.
- Stromberg, Nils E., to Sunds Defibrator Aktiebolag. Method and apparatus for transforming by pressing voluminous material into bales. Re. 31,944, 7-16-85, Cl. 53-438.000.
- Suddeutsche Kuhlerfabrik Julius Fr. Behr: *See—*
  - Nonnenmann, Manfred; and Bardong, Helmut, Re. 31,889, Cl. 165-173.000.
- Sugita, Hiroshi; Saito, Shizuo; Sato, Ryosuke; and Yamashita, Kiyoshi, to Konishiroku Photo Industry Co., Ltd. Silver halide color photographic material. Re. 31,893, 5-21-85, Cl. 430-544.000.
- Sullair Technology AB: *See—*
  - Schibbye, (Lars) Lauritz B.; and Englund, Rolf A., Re. 32,055, Cl. 418-1.000.
- Sun Chemical Corporation: *See—*
  - Petrik, John T.; and Westover, Brooke N., Re. 31,908, Cl. 219-270.000.
- Sunds Defibrator Aktiebolag: *See—*
  - Stromberg, Nils E., Re. 31,944, Cl. 53-438.000.
- Sunds Defibrator, Inc.: *See—*
  - Logan, Kenneth C.; and Ludhe, Friedrich O. B., Re. 31,862, Cl. 241-41.000.
- Suter, Charles A., to Goodyear Aerospace Corporation. Inflatable-deflatable flexible structural component. Re. 31,898, 5-28-85, Cl. 52-2.000.
- Suzuki, Sadahide: *See—*
  - Tominaga, Nobuyoshi; Kurai, Nobuyoshi; Ueno, Hagime; and Suzuki, Sadahide, Re. 31,994, Cl. 180-225.000.
- Swiss Aluminium Ltd.: *See—*
  - Wagner, Alfred; Ames, Adolf; and Hodel, Ulf, Re. 32,008, Cl. 228-155.000.
- Sykes, Larry M.; Snow, Ray G.; de la Burde, Roger Z.; and Aument, Patrick E., to Philip Morris, Inc. Process for expanding tobacco. Re. 32,014, 10-29-85, Cl. 131-291.000.
- Syntex (U.S.A.) Inc.: *See—*
  - Kerfoot, Frank W., Jr., Re. 31,965, Cl. 433-132.000.
- T. J. Smith & Nephew Limited: *See—*
  - Hodgson, Martin E., Re. 31,886, Cl. 428-40.000.
  - Hodgson, Martin E., Re. 31,887, Cl. 428-355.000.
- Takahashi, Masaaki: *See—*
  - Kawai, Satoshi; Yamagiwa, Yoichi; Mizusawa, Masashi; Watanabe, Hiroshi; Ando, Yoshio; and Takahashi, Masaaki, Re. 31,901, Cl. 204-28.000.
- Takekoshi, Tohru, to General Electric Company. Method for making polyimides. Re. 31,805, 1-15-85, Cl. 528-206.000.
- Takesako, Yoshinobu: *See—*
  - Watanabe, Masanori; Nonomura, Kinzo; and Takesako, Yoshinobu, Re. 31,876, Cl. 315-366.000.
- Tarshis, Andrew: *See—*
  - Johnson, Tod; Tarshis, Andrew; and Goldberg, George, Re. 31,951, Cl. 364-900.000.
- Taylor, Donald F.; and Bostock, James H., to Otis Engineering Corporation. High temperature well packer. Re. 31,933, 7-2-85, Cl. 166-120.000.
- Tecumseh Products Company: *See—*
  - Farr, James B., Re. 31,947, Cl. 417-313.000.
- Teich, Udo: *See—*
  - Schippers, Heinz; Muennekehoff, Gerd; and Teich, Udo, Re. 31,839, Cl. 242-35.50A.
- Texas Instruments Incorporated: *See—*
  - Moreland, James R.; and Montgomery, Robert M., Re. 32,033, Cl. 430-311.000.
  - Ott, Granville E., Re. 31,977, Cl. 364-200.000.
  - van Bavel, Michael G.; and Shannon, Alan J., Re. 31,864, Cl. 371-20.000.
- Theissen, Robert J., to Rhone-Poulenc Agrochimie. Substituted phenoxybenzoic acids and esters thereof. Re. 31,831, 2-12-85, Cl. 560-021.000.
- Thomas & Betts Corporation: *See—*
  - Donaher, Charles J.; and Christensen, Gordon D., Re. 31,929, Cl. 361-393.000.
- Thomas, Harold T.: *See—*
  - Hollister, Kenneth R.; and Thomas, Harold T., Re. 32,039, Cl. 430-14.000.
- Tickner, Donald R.; and Kalvitis, Robert E., to Xerox Corporation. Platen module for computer fanfold reproduction. Re. 31,891, 5-21-85, Cl. 355-75.000.
- Timex Corporation: *See—*
  - Cohen, Sam G., Re. 31,872, Cl. 340-784.000.
- Tishler, Samuel W.: *See—*
  - Loeffler, Herbert H.; and Tishler, Samuel W., Re. 31,833, Cl. 99-332.000.
- Tominaga, Nobuyoshi; Kurai, Nobuyoshi; Ueno, Hagime; and Suzuki, Sadahide, to Yamaha Hatsudoki Kabushiki Kaisha. Intake system for motorcycle engines having V-shaped cylinder arrangement. Re. 31,994, 10-1-85, Cl. 180-225.000.
- Tomisawa, Norio, to Nippon Gakki Seizo Kabushiki Kaisha. Channel processor. Re. 31,931, 7-2-85, Cl. 84-1.010.
- Top Tool Company, Inc.: *See—*
  - Weitz, Robert D., Re. 31,842, Cl. 166-312.000.
- Toyo Giken Kogyo Kabushiki Kaisha: *See—*
  - Kawai, Satoshi; Yamagiwa, Yoichi; Mizusawa, Masashi; Watanabe, Hiroshi; Ando, Yoshio; and Takahashi, Masaaki, Re. 31,901, Cl. 204-28.000.
- Tsou, Ivan H., to Wyandotte Paint Products Company. Method for cathodic electrodeposition of coating compositions containing diels-alder adducts. Re. 31,803, 1-15-85, Cl. 204-181.00C.
- Tsuneta, Kazuyoshi: *See—*
  - Hayashi, Masaaki; Sasaki, Hiroharu; and Tsuneta, Kazuyoshi, Re. 31,985, Cl. 523-501.000.
- Tyler Refrigeration Corporation: *See—*
  - Ibrahim, Fayez F., Re. 31,909, Cl. 62-82.000.
- Typologics, Inc.: *See—*
  - Ready, Patrick J., Re. 31,943, Cl. 455-226.000.
- Ube Industries, Inc.: *See—*
  - Iwai, Tadashi; Kawahito, Takashi; and Yamada, Tetsuo, Re. 31,788, Cl. 423-290.000.
- Ueno, Hagime: *See—*
  - Tominaga, Nobuyoshi; Kurai, Nobuyoshi; Ueno, Hagime; and Suzuki, Sadahide, Re. 31,994, Cl. 180-225.000.
- Ulicny, Thomas A.: *See—*
  - Shoberg, Ralph S.; and Ulicny, Thomas A., Re. 32,002, Cl. 177-24.000.
- Union Carbide Corporation: *See—*
  - Ancker, Fred H.; Ashcraft, Arnold C., Jr.; Leung, Martin S.; and Ku, Audrey Y., Re. 31,992, Cl. 523-202.000.
  - Comstock, Lowell R.; and Smith, Percy L., Re. 31,975, Cl. 523-514.000.
- Uniroyal, Inc.: *See—*
  - Fischer, William K., Re. 32,028, Cl. 525-194.000.
- United Catalysts, Inc.: *See—*
  - Atwood, Kenton; and Wright, James H., Re. 32,044, Cl. 502-335.000.
- United States Steel Corporation: *See—*
  - Kelly, Calvin E.; and Stanley, Richard W., Re. 31,959, Cl. 202-248.000.
- United Technologies Corporation: *See—*
  - Fishter, Robert E.; Lada, Henry; and Manty, Brian A., Re. 31,823, Cl. 156-664.000.
  - Rannenberg, George C., Re. 31,835, Cl. 417-282.000.
- Urban, Edward J.: *See—*
  - Beasley, John K.; and Urban, Edward J., Re. 31,874, Cl. 524-298.000.
- Vaalburg, Lawrence: *See—*
  - Mason, Charles R.; Osteen, David K.; and Vaalburg, Lawrence, Re. 31,825, Cl. 428-198.000.
- Valmont Industries, Inc.: *See—*
  - Seckler, David; and Porat, David, Re. 31,838, Cl. 239-177.00R.
- van Bavel, Michael G.; and Shannon, Alan J., to Texas Instruments Incorporated. Self-test feature for appliance or electronic systems operated by microprocessor. Re. 31,864, 4-9-85, Cl. 371-20.000.
- Vande Castle, Jerome J., to FMC Corporation. Package flap folding apparatus. Re. 31,853, 3-26-85, Cl. 53-53.000.

Van Doorn, Donald W.: *See—*
Einglett, Robert R.; Conner, John M.; Harmon, William A.; Hawkins, James B.; Pease, William C., III; and Van Doorn, Donald W., Re. 31,802, Cl. 19-50.000.

Van Dusseldorp, Larry R., to Marting Mfg. Inc. Animal feeder. Re. 31,939, 7-9-85, Cl. 119-53.500.

Vangedal-Nielsen, Erling. Freezing mould bag. Re. 31,890, 5-21-85, Cl. 249-61.000.

Varian Associates, Inc.: *See—*
Kneip, George D., Jr., Re. 31,895, Cl. 324-319.000.
Parker, Clive; Pearl, Antony, deceased; and Calvert, Edmund, administrator, Re. 32,022, Cl. 356-307.000.

Velten & Pulver, Inc.: *See—*
Euverard, Maynard R.; Heide, Henry A.; and Diver, James J., Re. 31,858, Cl. 414-37.000.

Venero, Agustin F., to Exxon Research and Engineering Co. Metal halogen batteries and method of operating same. Re. 31,871, 4-23-85, Cl. 429-15.000.

Volk, Benjamin: *See—*
Volk, Joseph, Sr., Re. 31,979, Cl. 426-483.000.

Volk, Joseph, Sr., to Volk, Benjamin. Method of hulling pistachio nuts. Re. 31,979, 9-3-85, Cl. 426-483.000.

Wagner, Alfred; Ames, Adolf; and Hodel, Ulf, to Swiss Aluminium Ltd. Process for manufacturing plastically deformed light metal objects having a connector part of a different metal. Re. 32,008, 10-22-85, Cl. 228-155.000.

Wagner, Friedemann, to Ernst Reiner, KG Feinmechanik und Apparatebau. Means for yieldably coupling a shaft to counter wheels or the like. Re. 31,870, 4-23-85, Cl. 101-110.000.

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- A.G. fur industrielle Elektronik AGIE Losone b. Locarno: *See—*
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- Allaire, Roger A.; and VanDewoestine, Robert V., to Corning Glass Works. Wood burning stove. B1 4,345,528, 3-26-85, Cl. 110-203.000.
- Allen, Herbert, to Hallen Company. Cork extractor. B1 4,291,597, 5-28-85, Cl. 81-3.480.
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- Bhattacharyya, Asita; Dormoy, Michel J. C.; and Richard, Gerard Y., to Societe d'Applications de Procedes Industriels et Chimiques S.A.P.I.C. Self-hardening molding compositions. B1 4,088,624, 3-26-85, Cl. 524-425.000.
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Mayer, Harald; and Berentzen, Hardo, B1 4,294,086, Cl. 66-121.000.

Evans, John M.; Buckingham, Robin E.; and Willcocks, Kenneth, to Beecham Group p.l.c. Benzopyrans. B1 4,446,113, 12-10-85, Cl. 514-320.000.

Eyberger, Harry, to Vamco Machine and Tool, Inc. Self-contained feed roll for power punch presses. B1 1,029,795, 6-25-85, Cl. 83-245.000.

Fankhauser, Peter: *See—*
Witschi, Heinz; and Fankhauser, Peter, B1 4,338,757, Cl. 52-699.000.

Fearing, D. David, to Fearing Manufacturing Co., Inc. Marking tag. B1 4,209,924, 10-22-85, Cl. 40-301.000.

Fearing Manufacturing Co., Inc.: *See—*
Fearing, D. David, B1 4,209,924, Cl. 40-301.000.

Fegen, James F., to Richco Plastic Company. Locking base for plastic components. B1 3,909,883, 11-19-85, Cl. 174-138.00D.

Fenner, Hans-Ueli: *See—*
Ullmann, Werner; Schumacher, Bernd; Sieg, Arno; Mattei, Silvano; Fenner, Hans-Ueli; Wettstein, Gottlieb; and Ruh, Herbert, B1 3,891,819, Cl. 219-69.00M.
Ulmann, Werner; Schumacher, Bernd; Mattei, Silvano; Fenner, Hans-Ueli; and Sieg, Arno, B1 3,928,163, Cl. 204-206.000.

Ferroti, Michael: *See—*
Cherukuri, Subraman R.; Friello, Dominick R.; Ferroti, Michael; Jewell, Walter; and D'Amelia, Ronald P., B1 4,352,822, Cl. 426-4.000.

Feser, Karl; and Brunnee, Curt, to Finnigan Mat GmbH. Ion detector with bipolar accelerating electrode. B1 4,267,448, 9-24-85, Cl. 250-281.000.

Finnigan Mat GmbH: *See—*
Feser, Karl; and Brunnee, Curt, B1 4,267,448, Cl. 250-281.000.

Fish, Irving; Schwartz, Stephen A.; and Samuels, Stanley, to New York University. Anticonvulsive compositions and method of treating convulsive disorders. B1 4,372,974, 11-12-85, Cl. 514-561.000.

Fisher, Robert D.: *See—*
Hill, James E.; Dahlstrom, Baesley I.; and Fisher, Robert D., B1 4,194,685, Cl. 235-375.000.

Forest Laboratories, Inc.: *See—*
Schor, Joseph M.; Nigalaye, Ashok; and Gaylord, Norman G., B1 4,389,393, Cl. 424-19.000.

Fredericks, Walter A., to Rexnord, Inc. Torque transmission coupling. B1 4,055,966, 3-19-85, Cl. 464-99.000.

Fried Krupp Gesellschaft mit beschrankter Haftung: *See—*
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Cherukuri, Subraman R.; Friello, Dominick R.; Ferroti, Michael; Jewell, Walter; and D'Amelia, Ronald P., B1 4,352,822, Cl. 426-4.000.

Frisque, Alvin J.: *See—*
Spoerle, F. Steven; Palmer, Elmer W.; Anderson, Donald R.; and Frisque, Alvin J., B1 3,790,476, Cl. 210-734.000.

Fulger, Charles V.; and Schaller, Daryl R., to Kellogg Company. Method for treating dried fruits to improve softness retention characteristics. B1 3,952,112, 10-8-85, Cl. 426-321.000.

Gaylord, Norman G.: *See—*
Schor, Joseph M.; Nigalaye, Ashok; and Gaylord, Norman G., B1 4,389,393, Cl. 424-19.000.

Geil, Ronald J.: *See—*
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General Electric Company: *See—*
Katchman, Arthur; and Lee, Gim F., Jr., B1 4,128,602, Cl. 525-68.000.
Maget, Henri J. R., B1 3,489,670, Cl. 204-129.000.
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General Motors Corporation: *See—*
Bloomfield, Rodger E., B1 3,966,419, Cl. 422-179.000.

Gonzalez, Georges: *See—*
Quillery, Henri P. M.; and Gonzalez, Georges, B1 3,523,464, Cl. 74-552.000.

Goos, Heinz: *See—*
Rosenkranz, Otto; Goos, Heinz; and Seifert, Karl-Heinrich, B1 4,076,071, Cl. 165-2.000.

Gorton, Thomas S., Jr.: *See—*
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- Gould Inc.: *See—*
  - Daniel, Richard A.; and Geil, Ronald J., B1 4,377,847, Cl. 364-400.000.
- Greff, Richard J.: *See—*
  - Dennehey, T. Michael; Greff, Richard J.; and Wolf, Ludwig, Jr., B1 4,340,052, Cl. 604-283.000.
- Grise, Frederick G. J. Pipe freezing device. B1 3,742,723, 6-25-85, Cl. 62-293.000.
- Gulistan, Bulent, to VSI Corporation. Panel fastener. B1 4,285,380, 6-11-85, Cl. 411-103.000.
- Hallen Company: *See—*
  - Allen, Herbert, B1 4,291,597, Cl. 81-3.480.
- Hamilton, Howard: *See—*
  - Paton, Neil E.; and Hamilton, Howard, B1 4,092,181, Cl. 148-12.70A.
- Harenberg, Donald D.: *See—*
  - Dlugos, Daniel F.; and Harenberg, Donald D., B1 4,271,470, Cl. 364-466.000.
- Harris, David W.: *See—*
  - Branecky, Anthony J.; and Harris, David W., B1 4,198,351, Cl. 568-473.000.
- Hayssen Manufacturing Company: *See—*
  - James, Robert C., B1 4,288,965, Cl. 53-451.000.
- Head, Howard, to Prince Manufacturing, Inc. Tennis racket. B1 3,999,756, 12-24-85, Cl. 273-73.00C.
- Heat and Control, Inc.: *See—*
  - Caridis, Andrew A.; and Benson, Clark K., B1 3,947,241, Cl. 432-121.000.
  - Caridis, Andrew A.; and Benson, Clark K., B1 4,167,585, Cl. 426-233.000.
- Hill, James E.; Dahlstrom, Baesley I.; and Fisher, Robert D., to Dynetics Engineering Corp. Verifying insertion system apparatus and method of operation. B1 4,194,685, 2-19-85, Cl. 235-375.000.
- Hinchcliffe, Dennis: *See—*
  - Molins, Desmond W.; Hinchcliffe, Dennis; and Clarke, Peter A., B1 4,120,391, Cl. 198-347.000.
- Hori, Hironobu: *See—*
  - Otake, Nobuyuki; Ando, Kozo; Hori, Hironobu; and Sato, Ykinori, B1 1,030,659, Cl. 401-209.000.
- Howard, Charlie J.: *See—*
  - Peart, Edward L.; and Howard, Charlie J., B1 4,445,789, Cl. 374-198.000.
- HSA Reactors Limited: *See—*
  - Das Gupta, Sankar; Jacobs, James K.; and Mohanta, Samaresh, B1 4,326,938, Cl. 204-228.000.
- Huddle, Carl F., to Tension Structures Co. Vaulted membrane shelter. B1 4,034,772, 5-14-85, Cl. 135-119.000.
- Hughes Tool Oil Co.: *See—*
  - Brown, Joe R.; Cochran, Chudleigh B.; and Montgomery, James W., B1 3,910,349, Cl. 166-153.000.
- Hutchins, Burleigh M., Jr.: *See—*
  - Abrahams, Louis; Hutchins, Burleigh M., Jr.; and Waters, James L., B1 3,855,129, Cl. 210-198.200.
- ICOMAG Trust Reg.: *See—*
  - Bertschi, Ernst, B1 4,327,753, Cl. 132-40.000.
- Imbert, Jean C. Fuel saving device. B1 4,424,786, 9-3-85, Cl. 123-538.000.
- Intel Corporation: *See—*
  - Pashley, Richard D., B1 4,052,229, Cl. 148-1.500.
- Irrigation Specialties Company: *See—*
  - Lieding, Calvin A., B1 3,967,808, Cl. 251-46.000.
- J. T. Eaton & Company, Inc.: *See—*
  - Baker, Stanley Z.; and Baker, Benjamin H., B1 4,438,584, Cl. 43-58.000.
- Jacobs, James K.: *See—*
  - Das Gupta, Sankar; Jacobs, James K.; and Mohanta, Samaresh, B1 4,326,938, Cl. 204-228.000.
- James, Robert C., to Hayssen Manufacturing Company. Form-fill-seal packaging method and apparatus. B1 4,288,965, 3-26-85, Cl. 53-451.000.
- Jewell, Walter: *See—*
  - Cherukuri, Subraman R.; Friello, Dominick R.; Ferroti, Michael; Jewell, Walter; and D'Amelia, Ronald P., B1 4,352,822, Cl. 426-4.000.
- Johncock, Peter, to United Kingdom of Great Britain and Northern Ireland, The Secretary of State for Defence in Her Britannic Majesty's Government of the. Epoxy compounds. B1 4,451,645, 9-10-85, Cl. 528-391.000.
- Jolley, Michael E.: *See—*
  - Wang, Chao-Huei J.; Stroupe, Stephen D.; and Jolley, Michael E., B1 4,420,568, Cl. 436-536.000.
- Katchman, Arthur; and Lee, Gim F., Jr., to General Electric Company. Polyphenylene ether compositions containing rubber modified polystyrene. B1 4,128,602, 9-10-85, Cl. 525-68.000.
- Keeri-Szanto, Michael. Device for monitoring and controlling self-administered intravenous drug dosage. B1 4,275,727, 11-5-85, Cl. 604-66.000.
- Kellogg Company: *See—*
  - Fulger, Charles V.; and Schaller, Daryl R., B1 3,952,112, Cl. 426-321.000.
- Kelly, Gordon: *See—*
  - Bemis, Richard A.; and Kelly, Gordon, B1 4,319,365, Cl. 4-236.000.
- Kent, John L.: *See—*
  - Ray, Charles A.; and Kent, John L., B1 4,316,579, Cl. 239-123.000.
- Kessler, Donald L., to Tecumseh Products Company. Hermetic compressor. B1 4,406,590, 11-12-85, Cl. 417-360.000.
- Kistler-Morse Corporation: *See—*
  - Kistler, Walter P., B1 4,064,744, Cl. 73-766.000.
  - Kistler, Walter P., B1 4,166,997, Cl. 219-5.000.
- Kistler, Walter P., to Kistler-Morse Corporation. Strain sensorextensiometer. B1 4,064,744, 12-17-85, Cl. 73-766.000.
- Kistler, Walter P., to Kistler-Morse Corporation. Load disc. B1 4,166,997, 7-16-85, Cl. 219-5.000.
- Kistner, John F., to Minnesota Mining and Manufacturing Company. Consolidation of aggregate material. B1 3,805.532, 7-16-85, Cl. 405-264.000.
- Kohaut, John E., to Raceway Components, Inc. Insert device for cables. B1 3,995,102, 10-8-85, Cl. 174-48.000.
- Kohaut, John E., to Raceway Components, Inc. Apparatus for sealing passages through a concrete floor and about a conductor. B1 4,099,020, 11-5-85, Cl. 174-48.000.
- Korex Company, The: *See—*
  - Porasik, Paul A., B1 4,427,417, Cl. 23-313.00R.
- Kostner, Richard C.: *See—*
  - Wiechowski, Joseph W.; Miller, Delmar S.; and Kostner, Richard C., B1 4,289,563, Cl. 156-423.000.
- Kremm, Virginia: *See—*
  - Andersen, Walter, B1 3,171,729, Cl. 65-76.000.
- Kronmiller, Richard E.: *See—*
  - Meyer, Robert B.; Schaefer, Harold W.; and Kronmiller, Richard E., B1 4,249,281, Cl. 15-340.000.
- Larker, Hans, to Allmanna Sverska Elektriska Aktiebolaget. Cylindrical elongated furnace for treating material at high temperature and under high pressure. B1 3,732,068, 1-15-85, Cl. 432-120.000.
- Lawrence, John B.: *See—*
  - Campbell, Roy E.; Lawrence, John B.; and Tonne, Ronald R., B1 4,061,481, Cl. 62-29.000.
- Lee, Gim F., Jr.: *See—*
  - Katchman, Arthur; and Lee, Gim F., Jr., B1 4,128,602, Cl. 525-68.000.
- Levitt, Joseph R., to Data Display Systems, Inc. Data-processing method and means for classifying signals in a first or second state. B1 3,602,706, 6-11-85, Cl. 364-551.000.
- Liebsch, Dietrich: *See—*
  - Wagner, Kuno; Eimer, Johannes; Zirner, Joachim; Raab, Rainer; and Liebsch, Dietrich, B1 3,903,127, Cl. 260-453.0AB.
- Lieding, Calvin A., to Irrigation Specialties Company. Irrigation valve with metal seat. B1 3,967,808, 9-3-85, Cl. 251-46.000.
- Lilienthal, Alfred: *See—*
  - Dickhut, Heinrich; and Lilienthal, Alfred, B1 4,439,130, Cl. 425-388.000.
- Lindahl, Bengt E., to Svensk Lasthantering, Bengt Lindahl AB. Lifting loop. B1 4,232,619, 5-14-85, Cl. 112-417.000.
- Lindsey, Hiram E.: *See—*
  - Braddick, Britt O.; and Lindsey, Hiram E., B1 3,920,075, Cl. 166-290.000.
  - Braddick, Britt O.; and Lindsey, Hiram E., B1 4,281,711, Cl. 166-118.000.
- London Laboratories Limited Co.: *See—*
  - Sivertz, Christian; and Basilone, Anthony J., B1 3,963,842, Cl. 427-305.000.
- Lopatin, George; Coplan, Myron J.; and Walton, James P., Jr., to Albany International Corp. Open-celled microporous sorbent-loaded textile fibers and films and methods of fabricating same. B1 4,342,811, 2-19-85, Cl. 428-220.000.
- MacCracken, Calvin D., to Bio-Energy Systems, Inc. Method and system for utilizing a flexible tubing solar collector. B1 4,112,921, 3-19-85, Cl. 126-448.000.
- Maget, Henri J. R., to General Electric Company. Process for gas purification. B1 3,489,670, 12-10-85, Cl. 204-129.000.
- Marks, Alfred F., to SDS Biotech Corp. Flowable aqueous composition of water-insoluble pesticide. B1 3,948,636, 9-10-85, Cl. 71-112.000.
- Marley, John: *See—*
  - Parmet, Bernard S.; and Marley, John, B1 4,268,915, Cl. 455-158.000.
- Marshall, Peter W.; Arnold, Peter; and Dunn, Francis P., to Shell Oil Company. Curved offshore well conductors. B1 1,028,860, 9-3-85, Cl. 175-9.000.
- Maryland Cup Corporation: *See—*
  - Weinstein, David, B1 4,289,791, Cl. 426-139.000.
- Matier, William L.: *See—*
  - Morrow, Duane F.; and Matier, William L., B1 4,243,681, Cl. 514-653.000.
- Matsuda, Teruo; Wake, Shigeo; and Shiozaki, Tetsuya, to Sumitomo Chemical Company, Limited. Process for the preparation of azo compounds from amino compounds in the presence of a phase transfer catalyst. B1 4,272,435, 1-15-85, Cl. 260-192.000.
- Mattei, Silvano: *See—*
  - Ullmann, Werner; Schumacher, Bernd; Sieg, Arno; Mattei, Silvano; Fenner, Hans-Ueli; Wettstein, Gottlieb; and Ruh, Herbert, B1 3,891,819, Cl. 219-69.00M.
  - Ulmann, Werner; Schumacher, Bernd; Mattei, Silvano; Fenner, Hans-Ueli; and Sieg, Arno, B1 3,928,163, Cl. 204-206.000.
- Mayer, Harald; and Berentzen, Hardo, to Theodor Groz & Sohne; and Ernst Nadelfabrik Commandit-Gesellschaft. Latch needle for knitting machines. B1 4,294,086, 5-28-85, Cl. 66-121.000.
- McEntee, Harry R., to General Electric Company. Process for removing biphenyls from chlorosilanes. B1 4,127,598, 9-10-85, Cl. 556-442.000.
- McGraw-Edison: *See—*
  - Cork, Gordon H., B1 3,590,854, Cl. 137-355.160.

- McNeight, David L.; and Morris, William J., to Rieter-Scragg Ltd. Yarn processing. B1 4,033,105, 4-30-85, Cl. 57-339.000.
- McNew, Thomas A., to Digital Magnetic Systems, Inc. Method and system for providing elongated Z-fold copy paper. B1 4,270,911, 3-19-85, Cl. 493-410.000.
- McPhee, Charles J., to American Hospital Supply Corporation. Medical administration set with backflow check valve. B1 4,354,492, 9-10-85, Cl. 604-247.000.
- Mead Johnson & Company: *See—*
  - Morrow, Duane F.; and Matier, William L., B1 4,243,681, Cl. 514-653.000.
- Medtronic, Inc.: *See—*
  - Stokes, Kenneth B., B1 4,313,448, Cl. 128-785.000.
- Meyer, Robert B.; Schaefer, Harold W.; and Kronmiller, Richard E., to National Union Electric Corporation. Self-propelled vacuum cleaner. B1 4,249,281, 12-10-85, Cl. 15-340.000.
- Miller, Delmar S.: *See—*
  - Wiechowski, Joseph W.; Miller, Delmar S.; and Kostner, Richard C., B1 4,289,563, Cl. 156-423.000.
- Miller, Eldon S. Articulated link conveyor. B1 1,030,035, 10-22-85, Cl. 198-850.000.
- Miller, Jerry H.: *See—*
  - Steyns, Emile B.; and Miller, Jerry H., B1 4,072,252, Cl. 222-341.000.
- Miller, Jon P.; and Zmolek, Wesley W., to SRI International. Process for treating proliferative skin diseases using certain 6,8-substituted ribofuranosylpurine-3',5'-cyclic phosphates. B1 4,369,181, 7-16-85, Cl. 514-47.000.
- Minnesota Mining and Manufacturing Company: *See—*
  - Kistner, John F., B1 3,805,532, Cl. 405-264.000.
- Misencik, John J.: *See—*
  - Coley, Kenneth R.; and Misencik, John J., B1 3,959,693, Cl. 361-45.000.
- Mitsubishi Gas Chemical Company, Inc.: *See—*
  - Yamaguchi, Takaaki, B1 4,357,256, Cl. 252-188.240.
- Mohanta, Samaresh: *See—*
  - Das Gupta, Sankar; Jacobs, James K.; and Mohanta, Samaresh, B1 4,326,938, Cl. 204-228.000.
- Molins, Desmond W.; Hinchcliffe, Dennis; and Clarke, Peter A., to Molins Limited. Conveyor systems for cigarettes and other rod-like articles. B1 4,120,391, 5-14-85, Cl. 198-347.000.
- Molins Limited: *See—*
  - Molins, Desmond W.; Hinchcliffe, Dennis; and Clarke, Peter A., B1 4,120,391, Cl. 198-347.000.
- Montgomery, James W.: *See—*
  - Brown, Joe R.; Cochran, Chudleigh B.; and Montgomery, James W., B1 3,910,349, Cl. 166-153.000.
- Moorfeed Corporation: *See—*
  - Doty, Myron L., B1 4,429,808, Cl. 221-167.000.
- Morris, William J.: *See—*
  - McNeight, David L.; and Morris, William J., B1 4,033,105, Cl. 57-339.000.
- Morrow, Duane F.; and Matier, William L., to Mead Johnson & Company. Alkylthiophenoxypropanolamines and pharmaceutical compositions and uses thereof. B1 4,243,681, 9-10-85, Cl. 514-653.000.
- Motorola, Inc.: *See—*
  - Parmet, Bernard S.; and Marley, John, B1 4,268,915, Cl. 455-158.000.
- Mott, Roger E., to Deere & Company. Harvesting platform with a floating cutter bar. B1 3,982,383, 12-17-85, Cl. 56-11.600.
- Nabisco Brands Inc.: *See—*
  - Cherukuri, Subraman R.; Friello, Dominick R.; Ferroti, Michael; Jewell, Walter; and D'Amelia, Ronald P., B1 4,352,822, Cl. 426-4.000.
- Nalco Chemical Company: *See—*
  - Spoerle, F. Steven; Palmer, Elmer W.; Anderson, Donald R.; and Frisque, Alvin J., B1 3,790,476, Cl. 210-734.000.
- National Union Electric Corporation: *See—*
  - Meyer, Robert B.; Schaefer, Harold W.; and Kronmiller, Richard E., B1 4,249,281, Cl. 15-340.000.
- New York University: *See—*
  - Fish, Irving; Schwartz, Stephen A.; and Samuels, Stanley, B1 4,372,974, Cl. 514-561.000.
- Nigalaye, Ashok: *See—*
  - Schor, Joseph M.; Nigalaye, Ashok; and Gaylord, Norman G., B1 4,389,393, Cl. 424-19.000.
- Nishizawa, Edward E.: *See—*
  - Rynbrandt, Ronald H.; and Nishizawa, Edward E., B1 4,168,315, Cl. 424-270.000.
- NRM Corporation: *See—*
  - Singh, Anand P.; and Schichman, Daniel, B1 4,332,536, Cl. 425-33.000.
- Nye, Alice W. Output commode pan. B1 3,654,638, 4-16-85, Cl. 4-144.100.
- Ogilvie, Kelvin K., to ens BIO LOGICALS Inc. Ring open nucleoside analogues. B1 4,347,360, 10-8-85, Cl. 544-276.000.
- Ortloff Corporation, The: *See—*
  - Campbell, Roy E.; Lawrence, John B.; and Tonne, Ronald R., B1 4,061,481, Cl. 62-29.000.
- Otake, Nobuyuki; Ando, Kozo; Hori, Hironobu; and Sato, Ykinori, to Tokyo Boshi Kabushiki Kaisha. Pen points for writing instruments. B1 1,030,659, 1-1-85, Cl. 401-209.000.
- Palmer, Elmer W.: *See—*
  - Spoerle, F. Steven; Palmer, Elmer W.; Anderson, Donald R.; and Frisque, Alvin J., B1 3,790,476, Cl. 210-734.000.
- Papst, Hermann, to Papst-Motoren KG. Soundproofed housing for electric motors. B1 3,527,969, 4-16-85, Cl. 310-51.000.
- Papst-Motoren KG: *See—*
  - Papst, Hermann, B1 3,527,969, Cl. 310-51.000.
- Pardue, William F., Jr.: *See—*
  - Allaire, Roger A.; Pardue, William F., Jr.; and VanDewoestine, Robert V., B1 4,330,503, Cl. 422-177.000.
- Parmet, Bernard S.; and Marley, John, to Motorola, Inc. Universal automotive electronic radio with display for tuning or time information. B1 4,268,915, 12-17-85, Cl. 455-158.000.
- Pashley, Richard D., to Intel Corporation. Process for preparing a substrate for MOS devices of different thresholds. B1 4,052,229, 1-15-85, Cl. 148-1.500.
- Paton, Neil E.; and Hamilton, Howard, to Rockwell International Corporation. Method of imparting a fine grain structure to aluminum alloys having precipitating constituents. B1 4,092,181, 1-1-85, Cl. 148-12.70A.
- Peart, Edward L.; and Howard, Charlie J., to Sybron Corporation. Thermometer of other instrument assembly. B1 4,445,789, 10-22-85, Cl. 374-198.000.
- Pecheux, Jean-Claude R., to Societe Anonyme: Compagnie Generale de Materiel Orthopedique. Splint. B1 4,323,060, 9-3-85, Cl. 128-84.00R.
- Pennwalt Corporation: *See—*
  - Wagle, Uday D.; and Ramdas, Venkatram, B1 4,075,236, Cl. 260-453.0RZ.
- Perry, Leroy A.; and Scott, Charles E., to Emhart Industries, Inc. Appliance control system. B1 4,370,566, 11-5-85, Cl. 307-141.000.
- Pfau, Jean: *See—*
  - Convers, Danielle; Balleys, Francois; and Pfau, Jean, B1 4,287,404, Cl. 219-69.00W.
- Pitney Bowes Inc.: *See—*
  - Dlugos, Daniel F.; and Harenberg, Donald D., B1 4,271,470, Cl. 364-466.000.
- Pittsburgh Plate Glass Company: *See—*
  - Christenson, Roger M., B1 2,978,437, Cl. 525-163.000.
  - Christenson, Roger M., B1 3,037,963, Cl. 525-154.000.
- Pohl, Gerhard, to Zwissler Ulrich Dr. Weldability of articles made from plastic foams. B1 3,906,134, 9-24-85, Cl. 156-229.000.
- Poly-Trusions, Inc.: *See—*
  - Wiechowski, Joseph W.; Miller, Delmar S.; and Kostner, Richard C., B1 4,289,563, Cl. 156-423.000.
- Porasik, Paul A., to Korex Company, The. Process for preparing detergent compositions containing hydrated inorganic salts. B1 4,427,417, 4-16-85, Cl. 23-313.00R.
- PRB N.V.: *See—*
  - Creyf, Hubert S., B1 4,334,944, Cl. 156-308.200.
- Prince Manufacturing, Inc.: *See—*
  - Head, Howard, B1 3,999,756, Cl. 273-73.00C.
- Quillery, Henri P. M.; and Gonzalez, Georges, to Societe Quillery. Steering wheel with plastic foam sheathing. B1 3,523,464, 4-2-85, Cl. 74-552.000.
- Raab, Rainer: *See—*
  - Wagner, Kuno; Eimer, Johannes; Zirner, Joachim; Raab, Rainer; and Liebsch, Dietrich, B1 3,903,127, Cl. 260-453.0AB.
- Raceway Components, Inc.: *See—*
  - Kohaut, John E., B1 3,995,102, Cl. 174-48.000.
  - Kohaut, John E., B1 4,099,020, Cl. 174-48.000.
- Ragan, Bradley E., to Brad Ragan Inc. Method of rebuilding previously used tires. B1 3,472,714, 4-2-85, Cl. 156-96.000.
- Ramdas, Venkatram: *See—*
  - Wagle, Uday D.; and Ramdas, Venkatram, B1 4,075,236, Cl. 260-453.0RZ.
- Ray, Charles A.; and Kent, John L., to Anthony Manufacturing Company. Multi-purpose seal for pop-up sprinkler. B1 4,316,579, 4-16-85, Cl. 239-123.000.
- Rexnord, Inc.: *See—*
  - Fredericks, Walter A., B1 4,055,966, Cl. 464-99.000.
- Richard, Gerard Y.: *See—*
  - Bhattacharyya, Asita; Dormoy, Michel J. C.; and Richard, Gerard Y., B1 4,088,624, Cl. 524-425.000.
- Richco Plastic Company: *See—*
  - Fegen, James F., B1 3,909,883, Cl. 174-138.00D.
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  - Ungar, Joseph L., 280,100, Cl. D14-103.000.
- AE Development Corporation: *See—*
  - Bennett, Robert A., 280,667, Cl. D28-7.000.
- Aebersold, Larry A.: *See—*
  - Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., 281,250, Cl. D15-144.000.
- AGA Aktiebolag: *See—*
  - Lang, Svante, 277,977, Cl. D23-2.000.
- Agan, Richard P.; and Dunahoo, Anna L. Combined straddle seat and arm rest. 279,334, 6-25-85, Cl. D6-354.000.
- Agard, Judith A.: *See—*
  - Swan, Ralph M.; Sherman, Benjamin; and Agard, Judith A., 280,624, Cl. D14-109.000.
- AGFA-Gevaert A.G.: *See—*
  - Schlagheck, Norbert, 277,288, Cl. D16-27.000.
- Agou, Nobuhiro; and Tamura, Shuichi, to Canon Kabushiki Kaisha. Camera. 279,573, 7-9-85, Cl. D16-1.000.
- Ahlberg Beckrot Ytter AB: *See—*
  - Beckrot, Anders, 277,934, Cl. D8-395.000.
  - Beckrot, Anders, 277,935, Cl. D8-382.000.
- Ahlgren, Stig B. Rotatable display element for changeable message sign. 281,336, 11-12-85, Cl. D20-21.000.
- Ahlund, Frank. Angle fitting. 276,980, 1-1-85, Cl. D8-400.000.
- Ahlund, Frank. Angle fitting. 277,728, 2-26-85, Cl. D8-400.000.
- Aihara, Takayuki; Kawakami, Kazuo; and Nagai, Yawara, to Olympus Optical Co., Ltd. Cuvette for a sample of liquid serum or the like. 278,182, 3-26-85, Cl. D24-29.000.
- Aikey, William J.: *See—*
  - Doane, John C.; and Aikey, William J., 277,188, Cl. D14-107.000.
- Ainsworth Nominees Pty. Ltd.: *See—*
  - Smyth, Richard E., 281,085, Cl. D21-37.000.
- Airpax Corporation: *See—*
  - Harper, George S., 278,896, Cl. D13-34.000.
  - Harper, George S., 281,156, Cl. D13-34.000.
- Airway Industries, Inc.: *See—*
  - Weiner, Bruce, 281,034, Cl. D3-48.000.
- Airwick Industries, Inc.: *See—*
  - Joyaux, Yves, 281,010, Cl. D23-150.000.
  - Paulovich, John M.; and Patel, Manharbhai K., 280,757, Cl. D23-3.000.
- Akabane, Jun, to Nippon Kogaku K.K. Camera case. 281,644, 12-10-85, Cl. D3-33.000.
- Akabane, Jun, to Nippon Kogaku K.K. Camera case. 281,750, 12-17-85, Cl. D3-33.000.
- Akagi, Kenichi; Abernethy, Charles N.; Costello, John C.; Landry, Christian C.; Leitermann, Richard E.; and Urbanus, David S., to Digital Equipment Corporation. Keyboard. 279,474, 7-2-85, Cl. D14-100.000.
- Akazawa, Shumi; and Hoshino, Kiyoshi, to Ryobi Ltd. Driver drill. 279,957, 8-6-85, Cl. D8-61.000.
- Akers, Ronald L. Wall mounted guitar bracket. 281,576, 12-3-85, Cl. D8-373.000.
- Akira, Nakamura; and Toshiyuki, Yamada, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle instrument cluster. 279,975, 8-6-85, Cl. D12-192.000.

Akira, Nakamura; and Toshiyuki, Yamada, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle display panel and support for instrument gauges. 279,976, 8-6-85, Cl. D12-192.000.
Akiyama, Kunio, to Sharp Corporation. Personal computer. 279,009, 5-28-85, Cl. D14-106.000.
Akiyama, Kunio, to Sharp Corporation. Computer body. 279,675, 7-16-85, Cl. D14-100.000.
Akiyama, Kunio, to Sharp Corporation. POS (Point-of-sales) cash register. 279,687, 7-16-85, Cl. D18-4.000.
Akiyama, Kunio, to Sharp Corporation. POS (Point-of-sales) cash register. 281,254, 11-5-85, Cl. D18-4.000.
Akiyama, Kunio, to Sharp Corporation. Combined point-of-sale cash register and support cabinet therefor. 281,702, 12-10-85, Cl. D18-4.000.
Akiyama, Kunio: *See—*
  Nishibori, Hiroshi; and Akiyama, Kunio, 280,819, Cl. D14-100.000.
Akiyoshi, Reiko. Case for baby teeth. 278,097, 3-26-85, Cl. D3-74.000.
Akro Corporation, The: *See—*
  Reuben, Harold, 278,564, Cl. D92-25.000.
Aksman, Milton. Hot tar transporter. 279,680, 7-16-85, Cl. D15-27.000.
Aktiebolaget Bofors: *See—*
  Wik, Torsten; Lagerstam, Christer; Pettersson, Kurt; and Mattsson, Kjeli, 277,597, Cl. D22-10.000.
Aktiebolaget Overums Bruk: *See—*
  Hellden, Arne H., 277,860, Cl. D15-11.000.
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  Olsen, Hans, 278,764, Cl. D4-101.000.
Aktiebolaget Volvo: *See—*
  Wilsgaard, Jan, 280,399, Cl. D12-172.000.
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  Sekiyama, Masao, 277,994, Cl. D1-106.000.
Albanese, Anthony F., to I.P.F. International, Inc. Chair. 277,621, 2-19-85, Cl. D6-334.000.
Albanese, Anthony F.; Chalfin, Samuel; and Chalfin, Lawrence M., to I.P.F. International, Inc. Chair. 278,192, 4-2-85, Cl. D6-379.000.
Albert, Jon B., to General Motors Corporation. Alphabet font. 281,788, 12-17-85, Cl. D18-26.000.
Albert, Jon B., to General Motors Corporation. Numeral font. 281,789, 12-17-85, Cl. D18-26.000.
Albon, Lionel F. S.; and Winterson, Anthony J., to Internationale Octrooi Maatschappij "Octropa" B.V. Tray for carrying out chemical and biological tests. 280,663, 9-17-85, Cl. D24-31.000.
Alcala, Amancio; Norton, James A.; and Smith, Martin, to Media Systems Technology Inc. Floppy disk copier machine. 278,148, 3-26-85, Cl. D14-107.000.
Alcorn, Denys L. Fluorescent reflector fixture. 280,935, 10-8-85, Cl. D26-26.000.
Aldrich, Thomas B.; Pardo, John; and Snyder, Martin H., to AT&T Technologies, Inc. Telephone stand. 278,534, 4-23-85, Cl. D14-60.000.
Aldrich, Thomas B.; Pardo, John; and Snyder, Martin H., to AT&T Technologies, Inc. Housing for a telephone. 280,816, 10-1-85, Cl. D14-63.000.
Aldrich, Thomas B., III; and Torongo, Albert H., Jr., to Procter & Gamble Company, The. Bottle. 277,733, 2-26-85, Cl. D9-376.000.
Aldrich, Thomas B., III; and Muscatiello, Ralph A., to Gillette Company, The. Combined bottle and cap. 279,650, 7-16-85, Cl. D9-377.000.
Aldrich, Thomas B., III; and Muscatiello, Ralph A., to Gillette Company, The. Bottle. 280,289, 8-27-85, Cl. D9-338.000.
Aldridge, R. Warren, Jr., to Spencer Wright Industries, Inc. Brake lathe. 280,905, 10-8-85, Cl. D15-130.000.
Aldridge, Rufus W., Jr., to Spencer Wright Industries, Inc. Grinding machine. 280,202, 8-20-85, Cl. D15-124.000.
Alert Safety Lite Products Co.: *See—*
  Kovacik, James D.; Blanch, Thomas J.; Blanch, Paul S.; and Kovacik, James W., 279,979, Cl. D13-30.000.
Alessandro. Sofa. 280,154, 8-20-85, Cl. D6-381.000.
Alessandro. Table. 280,161, 8-20-85, Cl. D6-480.000.
Alessandro, Sante G., to Erwin-Lambeth, Inc. Lamp base. 280,134, 8-13-85, Cl. D26-106.000.
Alessandro, Sante G., to Erwin-Lambeth, Inc. Lamp base. 280,554, 9-10-85, Cl. D26-[illegible]0.000.
Alex Synn AG: *See—*
  Hopfer, Hans, 280,153, Cl. D6-378.000.
  Hopfer, Hans, 280,364, Cl. D6-334.000.
  Hopfer, Hans, 280,365, Cl. D6-334.000.
  Hopfer, Hans, 280,955, Cl. D6-361.000.
  Hopfer, Hans, 281,839, Cl. D6-335.000.
Alger, Andrew L., to Goldsmith, Yamasaki, Specht Inc.; and Uarco Incorporated. Burster or similar article. 280,213, 8-20-85, Cl. D18-34.000.
Ali, Christopher A. Drill bit organizer. 281,835, 12-24-85, Cl. D3-74.000.
Allard, Douglas P.: *See—*
  Provan, William R.; and Allard, Douglas P., 280,126, Cl. D23-45.000.
Allegheny International Exercise Co.: *See—*
  Gold, Norman, 280,228, Cl. D21-194.000.
  Kasuba, John A.; Kanne, John T.; Dhaliwal, Sajjan S.; Gold, Norman; and Weiss, John, 280,226, Cl. D21-194.000.
Allen, Brent R.: *See—*
  Mower, Barry D.; and Allen, Brent R., 277,222, Cl. D21-244.000.
Allen, Dennis M. Stud bolt wrench. 278,310, 4-9-85, Cl. D8-21.000.
Allen, George A., Jr. Combined smoke gasket and intumescent expanding seal device for sliding elevator doors and the like. 279,409, 6-25-85, Cl. D25-74.000.
Allen, James H., to 'totes', incorporated. Expandable bag. 278,763, 5-14-85, Cl. D3-71.000.
Allen, James H., to 'totes', incorporated. Combined garment bag and overnight case. 279,048, 6-4-85, Cl. D3-71.000.
Allen, James H., to 'totes', incorporated. Expandable hang-up garment bag. 279,144, 6-11-85, Cl. D3-71.000.
Allen, James H., to 'totes', incorporated. Expandable multi-compartment bag. 279,525, 7-9-85, Cl. D3-71.000.
Allen, James H., to 'totes', incorporated. Expandable shopping bag. 280,043, 8-13-85, Cl. D3-42.000.
Allen, James H., to 'totes', incorporated. Expandable hand and shoulder bag. 280,044, 8-13-85, Cl. D3-48.000.
Allen, James H., to 'totes', incorporated. Combined briefcase and overnight case. 280,266, 8-27-85, Cl. D3-71.000.
Allen, James H., to 'totes', incorporated. Expandable hand and shoulder duffle bag. 280,362, 9-3-85, Cl. D3-71.000.
Allen, James H., to 'totes', incorporated. Umbrella handle. 280,677, 9-24-85, Cl. D3-12.000.
Allen, James H., to 'totes', incorporated. Toiletries kit bag. 280,864, 10-8-85, Cl. D3-39.000.
Allen, James H., to 'totes',incorporated. Hand & shoulder bag. 280,867, 10-8-85, Cl. D3-71.000.
Allen, Jeanne K., to Singer Company, The. Sewing machine or similar article. 281,783, 12-17-85, Cl. D15-69.000.
Allen, Katherine E. Folding shopper's cart. 277,793, 2-26-85, Cl. D34-17.000.
Allen, Richard T.; and Hammond, David A., to Hammond, David H. Emergency medical cabinet. 280,156, 8-20-85, Cl. D6-432.000.
Allergan Pharmaceuticals, Inc.: *See—*
  Mitchell, David W., 279,357, Cl. D9-450.000.
Allibert S.A.: *See—*
  Boroch, Jersy, 277,146, Cl. D6-540.000.
  Chabanet, Jean P., 280,876, Cl. D6-559.000.
  Chabanet, Jean P., 280,877, Cl. D6-561.000.
  Deconinck, Didier, 281,933, Cl. D6-368.000.
Allied Corporation: *See—*
  Bass, Saul, 280,528, Cl. D18-24.000.
  Thakar, David, 280,833, Cl. D18-24.000.
  Zaccai, Gianfranco D.; Wheinstone, David B.; Keramaty, Hamid; and Flynn, William E., 278,930, Cl. D24-21.000.
Allis-Chalmers Corporation: *See—*
  Miggels, Stephen G.; and Thorwaldsen, Stanley E., 279,569, Cl. D15-31.000.
  Sieren, Gerald E., 277,861, Cl. D15-23.000.
Allison Corporation: *See—*
  Seltzer, Samuel M.; and Dennison, Saul, 279,523, Cl. D3-40.000.
  Seltzer, Samuel M.; and Dennison, Saul, 280,466, Cl. D3-40.000.
Allsop, Inc.: *See—*
  Clausen, Eivind; and Allsop, James D., 277,168, Cl. D8-394.000.
Allsop, Ivor J. Phonorecord cleaner. 277,326, 1-22-85, Cl. D32-35.000.
Allsop, James D.: *See—*
  Clausen, Eivind; and Allsop, James D., 277,168, Cl. D8-394.000.
Alltrade Inc.: *See—*
  Hillinger, George, 280,069, Cl. D8-49.000.
Alstead, Peder B. Reflex massager. 281,723, 12-10-85, Cl. D24-36.000.
Alsup, James D., Jr.; and Bartlett, Randall N., to Syntex (U.S.A.) Inc. Transparency viewer. 280,517, 9-10-85, Cl. D16-14.000.
Altadonna, James. Container for toothpaste and toothbrushes. 280,581, 9-17-85, Cl. D6-528.000.
Altena Salotti s.r.l.: *See—*
  Giudici, Gianbattista, 277,145, Cl. D6-381.000.
  Giudici, Gianbattista, 277,242, Cl. D6-381.000.
  Giudici, Gianbattista, 277,243, Cl. D6-381.000.
  Giudici, Gianbattista, 277,244, Cl. D6-381.000.
  Giudici, Gianbattista, 277,527, Cl. D6-379.000.
  Giudici, Gianbattista, 278,287, Cl. D6-381.000.
  Giudici, Gianbattista, 280,152, Cl. D6-370.000.
Alter, Hobart L., to Coast Catamaran Corporation. Sailboat. 277,472, 2-5-85, Cl. D12-303.000.
Altgelt, Carlos A.: *See—*
  Dickie, Ronald; and Altgelt, Carlos A., 279,470, Cl. D14-10.000.
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  Claxton, Bruce A.; and Althans, Richard K., 281,600, Cl. D14-68.000.
Alvarez, Michael A.; Fried, George; and Payne, George, to Manostat Corporation. Hand-held pipetting device. 277,313, 1-22-85, Cl. D24-55.000.
Alvarez, Michael A.; Fried, George; and Payne, George, to Manostat Corporation. Hand-held pipetting device. 277,314, 1-22-85, Cl. D24-55.000.
Alvarez, Michael A.; Fried, George; and Payne, George, to Manostat Corporation. Base for a pipetting device. 277,315, 1-22-85, Cl. D24-55.000.
Alvino, Frank J., to HealthScan Inc. Design for inspiratory muscle trainer. 280,765, 9-24-85, Cl. D24-62.000.
ALZA Corporation: *See—*
  Peery, John R.; and Eckenhoff, James B., 281,528, Cl. D24-8.000.
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Amabili, Arnaldo. Egg container. 281,226, 11-5-85, Cl. D9-341.000.
Amano, Kazunori; and Sekigawa, Youichi, to Toshiba Heating Appliances Co., Ltd. Oilstove. 281,998, 12-31-85, Cl. D23-121.000.

- Amano, Kazunori: *See—*
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- Amba Marketing Systems, Inc.: *See—*
  - Schimmel, Otto K., 280,679, Cl. D3-53.000.
  - Schimmel, Otto K., 281,201, Cl. D3-53.000.
- Ambasz, Emilio; and Piretti, Giancarlo, to Center for Design Research and Development N.V. Combined seat and back unit. 281,941, 12-31-85, Cl. D6-502.000.
- Ambig Products Limited: *See—*
  - Bentall, Simon W., 280,559, Cl. D30-14.000.
- AMC Appliances, division of Algonquin Mercantile Corporation: *See—*
  - Lastuck, Leonard V., 281,215, Cl. D7-363.000.
- AMCO Corporation: *See—*
  - Bentson, Wade A., 277,922, Cl. D7-43.000.
  - Bentson, Wade A., 281,942, Cl. D7-43.000.
- Ameduri, Domenic. Display table for video game accessories. 276,963, 1-1-85, Cl. D6-470.000.
- Amerace Corporation: *See—*
  - Kominiak, Andrew A.; and Luzzi, Glenn J., 278,230, Cl. D13-24.000.
- Amereader Inc.: *See—*
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- American Commercial, Incorporated: *See—*
  - Everhan, Walter, 281,846, Cl. D7-9.000.
  - Laslo, Larry R., 277,444, Cl. D7-5.000.
  - Laslo, Larry R., 277,919, Cl. D7-5.000.
  - Laslo, Larry R., 277,920, Cl. D7-5.000.
  - Laslo, Larry R., 278,013, Cl. D7-1.000.
  - Laslo, Larry R., 278,015, Cl. D7-5.000.
  - Laslo, Larry R., 278,299, Cl. D7-151.000.
  - Laslo, Larry R., 278,300, Cl. D7-151.000.
  - Laslo, Larry R., 278,301, Cl. D7-151.000.
  - Laslo, Larry R., 278,302, Cl. D7-151.000.
  - Laslo, Larry R., 278,303, Cl. D7-151.000.
  - Laslo, Larry R., 278,304, Cl. D7-151.000.
  - Laslo, Larry R., 278,678, Cl. D7-137.000.
  - Laslo, Larry R., 280,688, Cl. D7-5.000.
  - Laslo, Larry R., 281,847, Cl. D7-9.000.
  - Lax, Michael, 277,253, Cl. D7-320.000.
  - Lax, Michael, 279,755, Cl. D7-320.000.
  - Lax, Michael, 279,756, Cl. D7-320.000.
  - Lax, Michael, 279,757, Cl. D7-320.000.
  - Murai, Toschio, 281,848, Cl. D7-9.000.
  - Seibel, Ben, 278,296, Cl. D7-13.000.
  - Seibel, Ben, 278,590, Cl. D7-13.000.
  - Seibel, Ben, 278,591, Cl. D7-13.000.
  - Seibel, Ben, 278,592, Cl. D7-13.000.
  - Seibel, Ben, 278,672, Cl. D7-13.000.
  - Seibel, Ben, 278,780, Cl. D7-13.000.
  - Seibel, Ben, 278,781, Cl. D7-13.000.
  - Seibel, Ben, 278,782, Cl. D7-13.000.
  - Seibel, Ben, 278,783, Cl. D7-13.000.
  - Seibel, Ben, 278,784, Cl. D7-13.000.
  - Seibel, Ben, 278,785, Cl. D7-13.000.
  - Seibel, Ben, 278,786, Cl. D7-13.000.
  - Seibel, Ben, 278,787, Cl. D7-13.000.
  - Seibel, Ben, 278,788, Cl. D7-13.000.
  - Seibel, Ben, 278,962, Cl. D7-13.000.
- American Cyanamid Company: *See—*
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  - Grip, John A.; and Morris, Edward, 279,654, Cl. D9-404.000.
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  - Harris, Ned, 278,122, Cl. D9-385.000.
  - Harris, Ned, 278,123, Cl. D9-385.000.
  - Harris, Ned, 278,973, Cl. D9-300.000.
  - Mansau, Serge, 277,730, Cl. D9-300.000.
  - Mansau, Serge, 277,735, Cl. D9-403.000.
  - Mansau, Serge, 279,262, Cl. D9-423.000.
  - Mittleberg, Eric M., 280,556, Cl. D28-3.000.
  - Morgan, John H.; and Grip, John A., 278,603, Cl. D9-453.000.
  - Morgan, John H., 280,387, Cl. D9-415.000.
  - Morgan, John H.; and Grip, John A., 281,228, Cl. D9-404.000.
  - Woodruff, Keith, 278,842, Cl. D22-19.000.
- American District Telegraph Company: *See—*
  - Guscott, John K.; Beeson, Kenneth E.; Dyer, Hugh D.; Vulgaris, George; and Thornton, H. Patrick, 279,871, Cl. D10-106.000.
  - Thornton, Hugh P., Jr.; and Powers, Robert B., 279,769, Cl. D10-106.000.
  - Thornton, Hugh P., Jr.; and Powers, Robert B., 279,872, Cl. D10-106.000.
- American Footwear Corporation: *See—*
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- American Greetings Corporation: *See—*
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  - Shaffer, Ralph; and Davidson, William, 277,021, Cl. D21-159.000.
  - Shaffer, Ralph; and Davidson, William, 277,121, Cl. D21-159.000.
  - Shaffer, Ralph; and Davidson, William, 277,122, Cl. D21-159.000.
  - Shaffer, Ralph; and Davidson, William, 277,123, Cl. D21-159.000.
  - Shaffer, Ralph; and Davidson, William, 277,124, Cl. D21-59.000.
  - Shaffer, Ralph; and Davidson, William, 277,125, Cl. D21-159.000.
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- American Home Products Corporation: *See—*
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- American Hospital Supply Corporation: *See—*
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  - Liston, Max D.; and Hsei, Paul K., 277,788, Cl. D24-99.000.
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- American Mobile Advertising Corp.: *See—*
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  - Nelson, Eugene, 277,299, Cl. D20-10.000.
- American Motors Corporation: *See—*
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  - Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 281,594, Cl. D12-169.000.
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- American Screen Printing Company: *See—*
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- American Sign and Marketing Services, Inc.: *See—*
  - Seggerson, Patrick J.; and Niehaus, Donald H., 279,585, Cl. D20-10.000.
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  - Bateman, John L., 279,907, Cl. D19-11.000.
  - Bateman, John L., 280,734, Cl. D19-11.000.
  - Hiller, Dorothee, 279,404, Cl. D23-62.000.
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  - Niemann, James E., 278,270, Cl. D23-32.000.
  - Niemann, James E., 278,271, Cl. D23-32.000.
  - Niemann, James E., 278,843, Cl. D23-28.000.
  - Niemann, James E., 279,123, Cl. D23-32.000.
  - Niemann, James E.; and Stairs, Henry M., Jr., 279,923, Cl. D23-32.000.
  - Niemann, James E., 280,231, Cl. D23-25.000.
  - Platner, Joseph W., 280,758, Cl. D23-51.000.
  - Platner, Joseph W., 280,759, Cl. D23-65.000.
  - Platner, Joseph W., 281,715, Cl. D23-61.000.
  - Shuman, William E., 280,108, Cl. D18-24.000.
  - Stairs, Henry M., Jr., 278,742, Cl. D23-55.000.
  - Stairs, Henry M., Jr., 278,844, Cl. D23-55.000.
  - Stairs, Henry M., Jr., 281,449, Cl. D23-58.000.
- American Telecommunications Corporation: *See—*
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- American Tourister, Inc.: *See—*
  - Bomes, Harvey; Pulichino, John; Carpenter, Lester E.; and Wickman, John A., 280,680, Cl. D3-76.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 280,783, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 280,865, Cl. D3-48.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 280,866, Cl. D3-48.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 281,122, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,465, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,547, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,645, Cl. D3-48.000.
  - Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,646, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,647, Cl. D3-71.000.
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  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,650, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 281,651, Cl. D3-71.000.
  - Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 281,652, Cl. D3-71.000.
  - Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, 277,431, Cl. D3-48.000.
  - Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, 277,618, Cl. D3-71.000.
  - Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, 277,619, Cl. D3-71.000.
  - Pulichino, John; Bomes, Harvey J.; Migliore, John J.; Smith, Lonnie M.; and Schmitt, Wayne, 279,142, Cl. D3-71.000.
- Amerock Corporation: *See—*
  - Tegner, Raymond U. H., 276,976, Cl. D8-351.000.

- AMF Incorporated: *See—*
  - Dennis, Douglas K., 278,943, Cl. D34-19.000.
- Amiga Corporation: *See—*
  - Lee, Hugh M., 279,912, Cl. D21-48.000.
- Ammco Tools, Inc.: *See—*
  - Clark, Christopher G.; and Spainhour, Phillip A., 280,827, Cl. D15-199.000.
- Ampex Corporation: *See—*
  - Wilson, George A., 278,062, Cl. D14-108.000.
  - Wilson, George A., 280,510, Cl. D14-106.000.
  - Wilson, George A., 280,616, Cl. D14-8.000.
- An-Teak-Qua Company: *See—*
  - Hanson, Harold W., Jr., 280,248, Cl. D32-50.000.
- Anacker, Charles D., to Anacker, Charles D. Cradle frame. 279,734, 7-23-85, Cl. D6-388.000.
- Anacker, Charles D., to Anacker, Charles D. Bunk bed frame. 279,735, 7-23-85, Cl. D6-388.000.
- Anacker, Charles D., to Anacker, Charles D. Toy cart frame. 279,807, 7-23-85, Cl. D21-141.000.
- Anaya, Randall C. Trowel. 278,966, 5-28-85, Cl. D8-10.000.
- Anderle, Joseph A.: *See—*
  - Georgopoulos, George; Debs, Victor; and Anderle, Joseph A., 276,966, Cl. D6-580.000.
- Anderson Burr Pictures Limited: *See—*
  - Begg, Steven W., 279,694, Cl. D21-87.000.
  - Begg, Steven W., 279,695, Cl. D21-87.000.
  - Begg, Steven W., 279,696, Cl. D21-87.000.
  - Begg, Steven W., 280,532, Cl. D21-87.000.
- Anderson, Christine H., to Mattel, Inc. Rocking pony for a crib rail or similar article. 278,923, 5-21-85, Cl. D21-165.000.
- Anderson, Clayton & Co.: *See—*
  - Levetz, Brenda K., 280,079, Cl. D9-433.000.
- Anderson, George C., to Insilco Corporation. Container. 278,561, 4-23-85, Cl. D32-53.000.
- Anderson, George C., to Insilco Corporation. Container. 280,038, 8-6-85, Cl. D32-53.000.
- Anderson, Harold R.; and Mirci, Savas, to Rockwell International Corporation. Microcomputer. 279,564, 7-9-85, Cl. D14-100.000.
- Anderson, James E.: *See—*
  - Baker, Dennis O.; and Anderson, James E., 278,329, Cl. D12-203.000.
- Anderson, Jim. Double tipped drumstick. 278,634, 4-30-85, Cl. D17-22.000.
- Anderson, John W., Jr.; and Roche, William J., to GTE Products Corporation. Fluorescent lamp or the like. 280,344, 8-27-85, Cl. D26-3.000.
- Anderson, Kirk S.; and Shane, Scott D., to Anderson Metals Corporation. Combined packaging and display container. 278,979, 5-28-85, Cl. D9-415.000.
- Anderson, Lenart: *See—*
  - Hitchcock, James R.; and Anderson, Lenart, 277,032, Cl. D24-52.000.
- Anderson, Lyle R., to Minnesota Mining and Manufacturing Company. Telephone wire aerial enclosure. 278,623, 4-30-85, Cl. D13-24.000.
- Anderson Metals Corporation: *See—*
  - Anderson, Kirk S.; and Shane, Scott D., 278,979, Cl. D9-415.000.
- Anderson, Samantha R.: *See—*
  - Vasquez, Julian; and Anderson, Samantha R., 279,942, Cl. D6-332.000.
- Anderson, Thomas. Backpack cargo frame or the like. 281,643, 12-10-85, Cl. D3-32.000.
- Andersson, Bengt-Goran; and Liljenborg, Gert. Winch. 278,754, 5-7-85, Cl. D34-33.000.
- Andersson, Karl A.; and Ferm, Morgan, to Perstorp AB. Dish drainer. 280,454, 9-3-85, Cl. D32-55.000.
- Ando, Tetsuro, to Kabushiki Kaisha Taikodenki Seisakusho. Telephone. 278,533, 4-23-85, Cl. D14-53.000.
- Ando, Teturo, to Kabushiki Kaisha Taikodenki Seisakusho. Telephone. 278,903, 5-21-85, Cl. D14-53.000.
- Andrews, Arlan K., Sr.; Doyle, Francis S.; and McGarvey, John N., to AT&T Bell Laboratories. Housing for an automatic dialing telephone set or similar article. 279,288, 6-18-85, Cl. D14-52.000.
- Andrews, Stuart R. Novelty club. 280,654, 9-17-85, Cl. D21-211.000.
- Andrich, Marlene: *See—*
  - Gayeski, Frank; and Andrich, Marlene, 281,298, Cl. D6-486.000.
- Androbot, Inc.: *See—*
  - Jones, Douglas H.; and Salat, Siegfried W., 278,922, Cl. D21-150.000.
- Andrus, Julia, to Authentica, Inc. Christmas ornament. 277,944, 3-12-85, Cl. D11-121.000.
- Andrus, Julia, to Authentica, Inc. Window jewel. 278,694, 5-7-85, Cl. D11-117.000.
- Andrus, Julia, to Authentica, Inc. Window jewel. 278,695, 5-7-85, Cl. D11-117.000.
- Andrus, Julia, to Authentica, Inc. Snowflake pin. 279,277, 6-18-85, Cl. D11-44.000.
- Angel, James M.: *See—*
  - Stultz, Robert L.; Angel, James M.; and Kopsa, Rodney, 278,791, Cl. D8-88.000.
- Anglin, Richard T., Jr. Protector for toothbrush head. 279,941, 8-6-85, Cl. D4-199.000.
- Annestedt, James W. Sign support stand. 277,584, 2-12-85, Cl. D20-43.000.
- Annett, Leland W.: *See—*
  - Meyer, Robert P.; and Annett, Leland W., 280,019, Cl. D24-26.000.
- Anthony Manufacturing Corp.: *See—*
  - Fechtner, Harold F.; and Szemeredi, Robert S., 277,024, Cl. D23-19.000.
- Antone, Howard J. Bottle opener. 277,160, 1-15-85, Cl. D8-40.000.
- Antoni, Patricia A.; and Kurinsky, Roger A., to Ekco Products, Inc. Covered food container. 281,042, 10-22-85, Cl. D7-5.000.
- Antunes, August J.: *See—*
  - Miller, Dye O.; Antunes, August J.; and Antunes, Jerome, 279,854, Cl. D7-361.000.
- Antunes, Jerome: *See—*
  - Miller, Dye O.; Antunes, August J.; and Antunes, Jerome, 279,854, Cl. D7-361.000.
- Aoco Limited/Limitee: *See—*
  - Pruefer, Erwin, 278,087, Cl. D29-9.000.
- Aoijs, Dieudonne G., to U.S. Philips Corporation. Portable radio receiver. 277,099, 1-8-85, Cl. D14-71.000.
- Aoijs, Dieudonne G., to U.S. Philips Corporation. Portable radio receiver. 277,380, 1-29-85, Cl. D14-70.000.
- Aoki, Akio, to Figgie International Inc. Baseball glove. 280,462, 9-10-85, Cl. D2-361.000.
- Aoki, Masahide: *See—*
  - Gushiken, Shigeki; Kogane, Hiroyuki; Aoki, Masahide; Kiyota, Toru; and Fujii, Takashi, 281,778, Cl. D14-80.000.
- Aoyama, Nobuhisa, to Tokyo Shibaura Denki Kabushiki Kaisha. Keyboard for electronic computers. 278,818, 5-14-85, Cl. D14-100.000.
- Apco Graphics, Inc.: *See—*
  - Cobb, Ronald W., 279,301, Cl. D20-42.000.
  - Cobb, Ronald W., 280,745, Cl. D20-42.000.
- APM Corporation: *See—*
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- Apparel Form Company: *See—*
  - Sears, I. Weir; Hostetler, John E.; and Hulsebusch, William H., 279,041, Cl. D2-28.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Toy workbench. 277,019, 1-1-85, Cl. D21-121.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Toy dollhouse. 277,202, 1-15-85, Cl. D21-114.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Combined toy sandbox and sifter. 277,300, 1-22-85, Cl. D21-59.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Child's chair. 277,432, 2-5-85, Cl. D6-364.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Toy container. 280,361, 9-3-85, Cl. D3-66.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Child's table. 280,580, 9-17-85, Cl. D6-486.000.
- Appel, Mel, to Mel Appel Company, The. Sled. 281,060, 10-22-85, Cl. D12-10.000.
- Appel, Mel; and Kress, George, to Appel, Mel. Toy trackway. 281,444, 11-19-85, Cl. D21-143.000.
- Apple Computer, Inc.: *See—*
  - Dresselhaus, William F.; Campbell, Kenneth S.; Twyman, Clive R.; and Dayton, Douglas C., 277,673, Cl. D14-106.000.
- Appleby, Joan. Food chopping board. 281,212, 11-5-85, Cl. D7-46.000.
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- Aqua-Leisure Industries, Inc.: *See—*
  - Fireman, Simon C., 276,951, Cl. D2-234.000.
  - Fireman, Simon C., 277,332, Cl. D2-234.000.
  - Fireman, Simon C., 277,614, Cl. D2-234.000.
  - Fireman, Simon C., 278,795, Cl. D9-347.000.
  - Fireman, Simon C., 280,670, Cl. D2-234.000.
  - Fireman, Simon C., 281,224, Cl. D9-337.000.
- Aquilina, Eddie O., deceased; and Aquilina, Lacadena, heir. Jump suit. 279,042, 6-4-85, Cl. D2-29.000.
- Aquilina, Lacadena, heir: *See—*
  - Aquilina, Eddie O., deceased; and Aquilina, Lacadena, heir, 279,042, Cl. D2-29.000.
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  - Kurokawa, Koya; and Arai, Noriyuki, 278,338, Cl. D14-78.000.
  - Kurokawa, Koya; and Arai, Noriyuki, 278,907, Cl. D14-84.000.
- Arai, Shinji; Sanada, Yoshio; and Fujimoto, Takanobu, to Mitsubishi Denki Kabushiki Kaisha. Industrial robot. 279,571, 7-9-85, Cl. D15-199.000.
- Arcair Company: *See—*
  - Farmer, Ralph; and Johnson, David E., 277,191, Cl. D15-138.000.
  - Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., 281,250, Cl. D15-144.000.
- Arch Crown Tags, Inc.: *See—*
  - Liebman, Norman, 277,115, Cl. D20-27.000.
- Archibald, G. Kent; and Blume, Gerald W., to Minnesota Mining and Manufacturing Company. Intravenous volumetric infusion pump. 278,181, 3-26-85, Cl. D24-8.000.
- Arcieri, Robert G. Housing for a waveguide feed for a parabolic dish antenna. 279,008, 5-28-85, Cl. D14-90.000.
- Ardent Inc.: *See—*
  - Thorsbakken, Arden L., 279,603, Cl. D24-10.000.
- Ardito, Gerald J. Vanity mirror. 280,352, 8-27-85, Cl. D28-64.100.
- Arend, Rene, to Restaurant Technology, Inc. Formed meat product. 277,045, 1-8-85, Cl. D1-199.000.
- Arend, Rene, to Restaurant Technology, Inc. Cooked meat product. 277,235, 1-22-85, Cl. D1-199.000.

Arginsky, Richard C., to Master Juvenile Products. Spray hoop. 277,610, 2-12-85, Cl. D23-6.000.
Arimura, Takeshi, to Toshiba Shibaura Denki Kabushiki Kaisha. Cassette player. 276,999, 1-1-85, Cl. D14-6.000.
Arimura, Takeshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Cassette player. 278,051, 3-19-85, Cl. D14-6.000.
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  Yajima, Hiroshi; Takada, Kazuo; Yamawaki, Yuichiro; Egashira, Teruaki; Matsui, Nobuo; and Arita, Toyomi, 280,136, Cl. D28-49.000.
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Arnold, Don C.; and Wilcox, Thomas J., to Indiana Brass, Inc. Faucet. 281,095, 10-22-85, Cl. D23-23.000.
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Arnold, Don C.; and Wilcox, Thomas C., to Indiana Brass, Inc. Faucet. 281,097, 10-22-85, Cl. D23-25.000.
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Aronowitz, Robert; and Katzanek, Bernard D., to Simmons Universal Corporation. Arm rest. 277,916, 3-12-85, Cl. D6-501.000.
Aronowitz, Robert J.; and Katzanek, Bernard D., to Samsonite Corporation. Chair. 276,956, 1-1-85, Cl. D6-366.000.
Aronowitz, Robert J.; and Katzanek, Bernard D., to Samsonite Corporation. Armrest. 279,153, 6-11-85, Cl. D6-501.000
Aronowitz, Robert J.; and Katzanek, Bernard D., to Samsonite Corporation. Combined seat and backrest unit. 279,154, 6-11-85, Cl. D6-501.000.
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Artwick, Kert E., to Leslie-Locke, Inc. Self-closing ventilation louver. 281,273, 11-5-85, Cl. D23-151.000.
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Ashton, Christopher J., to Marler Haley ExpoSystems, Limited. Portable sign and stand therefor. 281,513, 11-26-85, Cl. D20-21.000.
Aslan, Edward E., to Narda Microwave Corporation, The. Broadband probe. 280,388, 9-3-85, Cl. D10-78.000.
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Bakic, Dieter. Lipstick case. 280,140, 8-13-85, Cl. D28-85.000.
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  - Haag, John H., Sr., 280,076, Cl. D9-370.000.
- Ball, Ralph V.; and Pape, John E., to J & J Recreation, Inc. Motorized bumper boat. 277,095, 1-8-85, Cl. D12-307.000.
- Ball, Ralph V.; and Drake, James E., to J & J Recreation, Inc. Motorized bumper boat. 279,282, 6-18-85, Cl. D12-307.000.
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- Ballew, Julius R. Shock absorber. 279,370, 6-25-85, Cl. D12-159.000.
- Ballew, Leon D. Pipeholder or the like. 280,697, 9-24-85, Cl. D8-382.000.
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  - Levy, Edward D.; and Ballone, Michael P., 277,715, Cl. D6-571.000.
  - Levy, Edward D.; and Ballone, Michael P., 277,801, Cl. D34-44.000.
- Bally Manufacturing Corporation: *See—*
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- Balma S.p.A.: *See—*
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- Balonick, Robert, to Marden Mfg. Inc. Combined seat and partition unit. 279,237, 6-18-85, Cl. D6-335.000.
- Balter, Michael H.; and Bellson, Louis P. Percussion instrument. 281,785, 12-17-85, Cl. D17-22.000.
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  - Murakami, Katsushi, 281,089, Cl. D21-150.000.
  - Murakami, Katsushi, 281,090, Cl. D21-150.000.
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- Banko, Ronald C., to Comdial Telephone Systems, Inc. Telephone. 278,337, 4-9-85, Cl. D14-58.000.
- Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., to Globe Tool & Engineering Company, The. Cabinet for armature winding machine. 281,612, 12-3-85, Cl. D15-122.000.
- Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., to Globe Tool & Engineering Company, The. Display cabinet for armature winding machines or the like. 281,697, 12-10-85, Cl. D15-138.000.
- Baptiste, Michael. Angle-cut holder. 277,932, 3-12-85, Cl. D8-71.000.
- Barbato, Michael W.; Mattson, Ray W.; and Nordgren, Michael R., to Mattel, Inc. Extendable toy car or similar article. 280,223, 8-20-85, Cl. D21-136.000.
- Barbato, Michael W.; Hodges, Henry T.; and Mattson, Ray W., to Mattel, Inc. Toy motorbike or similar article. 281,615, 12-3-85, Cl. D21-81.000.
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  - Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, 277,619, Cl. D3-71.000.
- Barber, James W. Cassette tape holder. 277,905, 3-12-85, Cl. D6-407.000.
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- Barnett, Earl D., to Chicago Show Printing Co. Shelf attachment for holding accessory items. 279,636, 7-16-85, Cl. D6-509.000.
- Barnett, Earl D., to Chicago Show Printing Co. Mobile dispenser rack. 280,771, 9-24-85, Cl. D34-22.000.
- Barnhart, Leslie C. Trim strip for a truck sleeper compartment. 281,412, 11-19-85, Cl. D12-190.000.
- Barnhart, William. Ice cube tray. 281,696, 12-10-85, Cl. D15-90.000.
- Barnik, Edward A., to Black & Decker, Inc. Cordless jig saw. 277,451, 2-5-85, Cl. D8-64.000.
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- Baron, Peter. Frame belt buckle. 277,052, 1-8-85, Cl. D2-394.000.
- Baron, Peter. Automobile license plate frame. 279,667, 7-16-85, Cl. D12-193.000.
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- Barrett, Bernard R. Kite plane. 277,117, 1-8-85, Cl. D21-89.000.
- Barrett, John L. Two-wheeled roller skate. 277,885, 3-5-85, Cl. D21-226.000.
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- Barrows, George F., II; and Barrows, Niela P. Insulated switch cover for vehicle ignitions. 281,858, 12-24-85, Cl. D8-352.000.
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- Barton, William L., III; Peterson, Edward J.; and Sylvester, Gordon E., to AT&T Bell Laboratories. Conference telephone microphone control unit. 277,282, 1-22-85, Cl. D14-59.000.
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- Bastien, Henri, to Societe Anonyme Fonderies du Lion. Heater. 277,308, 1-22-85, Cl. D23-97.000.
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- Bate, Richard L.; and Bate, Bettina A. Tethered jump toy. 281,889, 12-24-85, Cl. D21-59.000.
- Bateman, John L., to American Standard Inc. Combined checks and check stubs. 279,907, 7-30-85, Cl. D19-11.000.
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Baty, Jess G. Hoe head. 277,258, 1-22-85, Cl. D8-11.000.
Bauer, Harold F.: *See—*
  Smith, Lloyd T.; Bauer, Harold F.; and Roth, Allen K., 278,971, Cl. D8-107.000.
Bauer, James E.; and Shaak, Luther L., to Quickdraw Accessories, Inc. Cigarette paper dispenser. 279,508, 7-2-85, Cl. D27-51.000.
Baum, Elliot I., to QT&T, Inc. Combined clock radio and telephone base. 279,099, 6-4-85, Cl. D14-73.000.
Baum, Elliot I., to AT&T, Inc. Handset telephone. 279,672, 7-16-85, Cl. D14-53.000.
Baum, Elliot I., to QT&T, Inc. Handset telephone. 281,972, 12-31-85, Cl. D14-53.000.
Baum, Frank M. Video recorder bag. 280,465, 9-10-85, Cl. D3-33.000.
Baum, Ronald L.; Leibson, Abraham; and Siegel, A. Neal, to Smith-Kline Beckman Corporation. Bottle cap. 277,459, 2-5-85, Cl. D9-443.000.
Baumann, Gerhard. Receptacle for hydroponics. 278,989, 5-28-85, Cl. D11-152.000.
Baume & Mercier S.A.: *See—*
  Glauser, Alain, 277,649, Cl. D10-32.000.
Baus, Andre E. J., to Goodyear Tire & Rubber Company, The. Tire. 278,423, 4-16-85, Cl. D12-147.000.
Bausch & Lomb Incorporated: *See—*
  Chuboff, David P.; Greb, Francis J.; and Markovitz, Aaron M., 280,261, Cl. D3-34.000.
  Zancaner, Trudy H., 280,519, Cl. D16-102.000.
  Zancaner, Trudy H., 280,637, Cl. D16-102.000.
  Zancaner, Trudy H., 280,638, Cl. D16-102.000.
  Zancaner, Trudy H., 280,639, Cl. D16-102.000.
Baxter Travenol Laboratories, Inc.: *See—*
  Boarini, Edward J., 280,764, Cl. D24-53.000.
  DiGianfilippo, Al; and Hitchcock, James, Jr., 281,453, Cl. D24-31.000.
  Hitchcock, James R.; and Anderson, Lenart, 277,032, Cl. D24-52.000.
  Kulle, Lee K., 280,763, Cl. D24-27.000.
Bayerische Motoren Werke A.G.: *See—*
  Abe, Karl H., 281,411, Cl. D12-188.000.
  Abe, Karl H.; and Gevert, Klaus V., 281,962, Cl. D12-110.000.
  Gevert, Klaus V., 279,086, Cl. D12-110.000.
  Gevert, Klaus V., 281,410, Cl. D12-182.000.
  Kerschbaum, Hans, 278,046, Cl. D12-181.000.
  Luthe, Claus; and Boyer, Boyke, 280,400, Cl. D12-193.000.
  Luthe, Claus; and Boyer, Boyke, 281,152, Cl. D12-167.000.
  Luthe, Claus; and Boyer, Boyke, 281,153, Cl. D12-169.000.
  Luthe, Claus; and Boyer, Boyke, 281,154, Cl. D12-169.000.
  Walter, Hubert; and Saaksmeier, Hans-Joachim, 280,609, Cl. D12-182.000.
Baylor, Charles R.; and Cannon, Curtis. Utility cushion. 277,158, 1-15-85, Cl. D6-596.000.
Bayly, Peter K., to Roplas Pty. Ltd. Reclining lounge chair or similar article. 278,392, 4-16-85, Cl. D6-361.000.
Bayly, Peter K., to Roplas Pty. Ltd. Foldable chair or the like. 278,486, 4-23-85, Cl. D6-368.000.
Bayly, Peter K., to Roplas Pty. Ltd. Table or the like. 280,371, 9-3-85, Cl. D6-484.000.
BBC International, Ltd.: *See—*
  Campbell, Robert B.; and Landau, Junichi P., 281,115, Cl. D2-309.000.
  Campbell, Robert B.; and Landau, Junichi P., 281,285, Cl. D2-309.000.
Beach, Wilma R., to Daniel E. Gelles Associates, Inc. Article display bracket. 281,211, 11-5-85, Cl. D6-572.000.
Beach, Wilma R., to Daniel E. Gelles Associates, Inc. Article display bracket. 281,383, 11-19-85, Cl. D6-572.000.
Beall, Betty M. Portfolio. 279,113, 6-4-85, Cl. D19-26.000.
Bean Station Furniture Factory, The: *See—*
  Johnson, Skip, 277,344, Cl. D6-381.000.
  Nelson, Deborah L., 279,056, Cl. D6-381.000.
Beard, Howard R. Support arm for racks or the like. 278,875, 5-21-85, Cl. D6-566.000.
Beard, Kenneth K. Acoustic reflector headset. 278,431, 4-16-85, Cl. D14-36.000.
Bearn Mecanique Aviation S.A.: *See—*
  Ibis, Pierre, 277,506, Cl. D24-24.000.
Beatrice Companies, Inc.: *See—*
  Mikol, Erwin F., 281,713, Cl. D23-19.000.
Beaver, Theodore L.: *See—*
  Campbell, G. Edward; and Beaver, Theodore L., 280,602, Cl. D9-376.000.
Bechtel, Daniel L. Scope mount for a pellet pistol or the like. 277,773, 2-26-85, Cl. D22-7.000.
Bechtel, Daniel L. Pistol telescope mount. 281,804, 12-17-85, Cl. D22-7.000.
Bechtel, Daniel L. Pistol telescope mount. 281,894, 12-24-85, Cl. D22-7.000.
Beck, Barbara S.: *See—*
  Winslow, Robert B., 280,565, Cl. D2-6.000.
Beck, George P. Airway airflow indicator for facilitating blind nasal or blind oral intubation of the trachea and the like. 277,782, 2-26-85, Cl. D24-17.000.
Beck, George P. Airway airflow indicator for facilitating blind nasal or blind oral intubation of the trachea and the like. 277,783, 2-26-85, Cl. D24-17.000.
Beck, George P. Airway airflow indicator for facilitating blind nasal or blind oral intubation of the trachea and the like. 277,889, 3-5-85, Cl. D24-17.000.
Beck, Richard W.; Mandy, Kenneth R.; and Yates, William G., to Warner-Lambert Company. Electrocardiographic electrode. 281,012, 10-15-85, Cl. D24-29.000.
Beck, Willi K.; and Roytberg, Leo, to Joseph Pollak Corporation. Toggle switch. 280,615, 9-17-85, Cl. D13-37.000.
Becker, Douglas C., to American Cyanamid Company. Tablet. 280,557, 9-10-85, Cl. D28-3.000.
Becker, James F.; and Mayer, Andrew S. Children's book. 278,722, 5-7-85, Cl. D19-28.000.
Becker, James H., to Marketing International, Inc. Cart for handling biological tissue. 277,708, 2-19-85, Cl. D34-20.000.
Becker, James H., to Marketing International, Inc. Cart for handling biological tissue. 277,991, 3-12-85, Cl. D34-20.000.
Becker, Robert W.; and Chuboff, David P., to Zenith Electronics Corporation. Television converter-decoder. 277,754, 2-26-85, Cl. D14-84.000.
Becker, Robert W.: *See—*
  Morrison, Thurber H.; Becker, Robert W.; and Huff, Robert S., 279,070, Cl. D7-325.000.
Beckman Instruments, Inc.: *See—*
  Brown, Hugh O.; and Lindsay, James R., 277,979, Cl. D24-1.100.
  Crotty, Daniel G.; and Brown, Hugh O., 281,664, Cl. D8-74.000.
Beckrot, Anders, to Ahlberg Beckrot Ytter AB. Snap fastener for foldable display panels. 277,934, 3-12-85, Cl. D8-395.000.
Beckrot, Anders, to Ahlberg Beckrot Ytter AB. Wedging fastener for foldable display panels. 277,935, 3-12-85, Cl. D8-382.000.
Becton, Dickinson and Company: *See—*
  Lewandowski, Raymond, 277,457, Cl. D9-415.000.
Bedel, Denis E., to North American Philips Electric Corp. Air-cooled compact electric lamp. 277,033, 1-1-85, Cl. D26-3.000.
Bedel, Denis E., to North American Philips Electric Corp. Compact electric discharge lamp. 277,412, 1-29-85, Cl. D26-3.000.
Bedel, Denis E., to North American Philips Electric Corp. Air-cooled compact electric lamp. 278,462, 4-16-85, Cl. D26-3.000.
Bedgood, Douglas H., to Bedgood, Douglas H. Aquatic exercising device. 279,919, 7-30-85, Cl. D21-198.000.
Beechuk, Timothy J., to Procter & Gamble Company, The. Bottle. 279,452, 7-2-85, Cl. D9-355.000.
Beechuk, Timothy J.; and Neu, Edwin F., to Procter & Gamble Company, The. Bottle. 279,453, 7-2-85, Cl. D9-376.000.
Beechuk, Timothy J.; Damron, Max E.; and Vanderman, Ralph B., to Procter & Gamble Company, The. Bottle. 280,292, 8-27-85, Cl. D9-355.000.
Beechuk, Timothy J.; and Neu, Edwin F., to Procter & Gamble Company, The. Bottle. 281,863, 12-24-85, Cl. D9-389.000.
Beehive International: *See—*
  Marshall, John F., 280,623, Cl. D14-106.000.
Beeson, Kenneth E.: *See—*
  Guscott, John K.; Beeson, Kenneth E.; Dyer, Hugh D.; Vulgaris, George; and Thornton, H. Patrick, 279,871, Cl. D10-106.000.
Begg, Steven W., to Anderson Burr Pictures Limited. Toy aircraft. 279,694, 7-16-85, Cl. D21-87.000.
Begg, Steven W., to Anderson Burr Pictures Limited. Toy spacecraft. 279,695, 7-16-85, Cl. D21-87.000.
Begg, Steven W., to Anderson Burr Pictures Limited. Toy spacecraft. 279,696, 7-16-85, Cl. D21-87.000.
Begg, Steven W., to Anderson Burr Pictures Limited. Toy spacecraft. 280,532, 9-10-85, Cl. D21-87.000.
Behring, Alexander. Illuminated telephone handset support attachment. 281,497, 11-26-85, Cl. D14-59.000.
Beigel, Bonny. Racket bag. 281,290, 11-12-85, Cl. D3-36.000.
Beistegui Chirapozu, Jose L., to B.H., S.A. Gymnastic bicycle. 279,700, 7-16-85, Cl. D21-194.000.
Beker, Gisela. Vest. 277,424, 2-5-85, Cl. D2-190.000.
Bell Helicopter Textron Inc.: *See—*
  Johnston, George W., Jr., 278,227, Cl. D12-327.000.
Bell & Howell Company: *See—*
  Overman, John W.; and Wells, Thomas R., 279,684, Cl. D16-27.000.
  Overman, John W.; and Kosner, Jerry J., 280,211, Cl. D18-13.000.
Bell, Max: *See—*
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 280,866, Cl. D3-48.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,465, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,645, Cl. D3-48.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,650, Cl. D3-71.000.

Bell, Randall P.: *See—*
Lazar, Ralph M., Peterson, Kurt T.; and Bell, Randall P., 280,558, Cl. D28-13.000.

Bellanca, Gary J., to Wright Line Inc. Side indexing card for a binder or the like. 278,159, 3-26-85, Cl. D19-100.000.

Beller, Frank W., to Belson Manufacturing Co., Inc. Portable cooking grill. 278,789, 5-14-85, Cl. D7-334.000.

Bellini, Mario, to Ing. C. Olivetti & C., S.p.A. Electronic typewriter. 278,350, 4-9-85, Cl. D18-1.000.

Bellini, Mario, to Ing. C. Olivetti & C., S.p.A. Printing ribbon cartridge. 281,257, 11-5-85, Cl. D18-22.000.

Bellini, Mario, to Ing. C. Olivetti & C., S.p.A. Portable electronic typewriter. 281,786, 12-17-85, Cl. D18-1.000.

Bello, Paul A. Pet food dish holder. 277,705, 2-19-85, Cl. D30-16.000.

Bellson, Louis P.: *See—*
Balter, Michael H.; and Bellson, Louis P., 281,785, Cl. D17-22.000.

Belotta, Anthony S., to Warner-Lambert Company. Combined display rack and shelf unit. 279,150, 6-11-85, Cl. D6-462.000.

Belsky, Jerome; and Belsky, Michael. Vehicle bumper. 280,891, 10-8-85, Cl. D12-169.000.

Belsky, Michael: *See—*
Belsky, Jerome; and Belsky, Michael, 280,891, Cl. D12-169.000.

Belson Manufacturing Co., Inc.: *See—*
Beller, Frank W., 278,789, Cl. D7-334.000.

Beltrand, Steven D. Novelty sculpture. 279,559, 7-9-85, Cl. D11-157.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Extendable tie rack. 277,248, 1-22-85, Cl. D6-324.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Extendable tie rack and cover therefor. 277,436, 2-5-85, Cl. D6-315.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Article support rack. 280,045, 8-13-85, Cl. D6-328.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Article support rack. 280,046, 8-13-85, Cl. D6-328.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Article support rack. 280,047, 8-13-85, Cl. D6-328.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Article support rack. 280,048, 8-13-85, Cl. D6-328.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Article support rack. 280,049, 8-13-85, Cl. D6-328.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Extendable tie rack housing. 280,575, 9-17-85, Cl. D6-324.000.

Benedict, Charles E., to Telescoping Tie Racks, Inc. Extendable tie rack housing with cover. 280,785, 10-1-85, Cl. D6-324.000.

Bengtson, Darroll D., to Rosemount Inc. Flowmeter flow tube. 278,316, 4-9-85, Cl. D10-96.000.

Benham, Albert A., to Champion International Corporation. Display carton. 278,125, 3-26-85, Cl. D9-418.000.

Benham, Albert A., to Champion International Corporation. Display carton. 278,126, 3-26-85, Cl. D9-418.000.

Benicaso, Girard A., to Milton Bradley International, Inc. Riding toy. 278,161, 3-26-85, Cl. D21-74.000.

Benigni, Paul E.; Boulay, Steven G.; and Costello, John C., to Digital Equipment Corporation. Computer housing. 279,374, 6-25-85, Cl. D14-100.000.

Benigni, Paul E.; Costello, John C.; Gregory, Jack G.; and Morgan, Stuart K. Housing for control processing systems or similar article. 280,898, 10-8-85, Cl. D14-107.000.

Benjamin Crook & Sons Limited: *See—*
Peel, Simon J., 281,370, Cl. D2-319.000.

Benjamin, William S.: *See—*
Johnson, Robert S.; Fletcher, Paul E.; Benjamin, William S.; and Zsitvay, John I., 280,769, Cl. D32-44.000.

Benneche, Chris; Cronin, Richard W.; Linhart, Eugene M.; Ranes, Richard L.; and Welch, Darrell K., to Northrop Corporation. Unmanned aircraft. 280,007, 8-6-85, Cl. D22-11.000.

Bennett, Robert A., to AE Development Corporation. Dispenser for deodorant or other topical product. 280,667, 9-17-85, Cl. D28-7.000.

Benson, James A.; and Jones, Paul W., to Physio-Control Corporation. Fluid dispensing pump. 277,602, 2-12-85, Cl. D24-8.000.

Bentall, Simon W., to Ambig Products Limited. Bird feeder. 280,559, 9-10-85, Cl. D30-14.000.

Bentson, Wade A., to AMCO Corporation. Tortilla basket fryer. 277,922, 3-12-85, Cl. D7-43.000.

Bentson, Wade A., to AMCO Corporation. Hinged tortilla basket fryer. 281,942, 12-31-85, Cl. D7-43.000.

Bepristis, Brian R.; and Bepristis, Richard A., to Astro Nautics Plastic Mfg. Corporation. Bicycle carrier bags. 281,313, 11-12-85, Cl. D12-158.000.

Bepristis, Richard A.: *See—*
Bepristis, Brian R.; and Bepristis, Richard A., 281,313, Cl. D12-158.000.

Berard, Philippe, to Centrale Vinicole Lyonnaise. Packaging container for wine. 281,668, 12-10-85, Cl. D9-322.000.

Berfield, Robert C.; and Meland, Ronald F., to Shop-Vac Corporation. Electric vacuum cleaner. 280,143, 8-13-85, Cl. D32-21.000.

Berge, Gary; and Ludzia, Leo, to Williams Electronics, Inc. Video game cabinet. 280,835, 10-1-85, Cl. D21-13.000.

Berger, Robert M., to Intercon Purchasing Industries (U.S.A.) Ltd. Flashlight. 277,415, 1-29-85, Cl. D26-46.000.

Berger, Robert M., to Intercon Purchasing Industries (U.S.A.) Ltd. Portable chronometer. 277,461, 2-5-85, Cl. D10-31.000.

Berger, Robert M., to Intercon Purchasing Industries (U.S.A.) Ltd. Lamp. 279,130, 6-4-85, Cl. D26-62.000.

Berglund, Jan, to Wicanders AG. Tear open bottle cap. 281,584, 12-3-85, Cl. D9-438.000.

Bergman, Andrew I.: *See—*
Kujawski, Stanley M.; and Bergman, Andrew I., 278,446, Cl. D21-63.000.

Bergman, Nils-Ake: *See—*
Widell, Jan; Widell, Harald; and Bergman, Nils-Ake, 278,229, Cl. D13-12.000.

Bergmans, Charles, to Clarks of England, Inc. Shoe sole. 281,461, 11-26-85, Cl. D2-320.000.

Bergquist, Gregory D., to Meadowcraft Inc. Chair. 279,244, 6-18-85, Cl. D6-376.000.

Bergstedt, Lowell C.; and Bergstedt, Marie C. Child's clothes rack and growth measuring and registering unit. 277,463, 2-5-85, Cl. D10-71.000.

Bergstedt, Lowell C.; and Bergstedt, Marie C. Child's clothes rack and growth measuring and registering unit. 277,464, 2-5-85, Cl. D10-71.000.

Bergstedt, Lowell C. Child's growth measuring and registering unit. 277,833, 3-5-85, Cl. D10-71.000.

Bergstedt, Lowell C.; and Bergstedt, Marie C. Child's growth measuring and registering unit. 277,939, 3-12-85, Cl. D10-71.000.

Bergstedt, Lowell C.; and Bergstedt, Marie C. Child's growth measuring and registering unit. 277,940, 3-12-85, Cl. D10-71.000.

Bergstedt, Marie C.: *See—*
Bergstedt, Lowell C.; and Bergstedt, Marie C., 277,463, Cl. D10-71.000.
Bergstedt, Lowell C.; and Bergstedt, Marie C., 277,464, Cl. D10-71.000.
Bergstedt, Lowell C.; and Bergstedt, Marie C., 277,939, Cl. D10-71.000.
Bergstedt, Lowell C.; and Bergstedt, Marie C., 277,940, Cl. D10-71.000.

Bergstrom, Arne, to Swish AB. Window cleaner. 279,932, 7-30-85, Cl. D32-41.000.

Bergstrom, Par H. S.; and Jelvestam, Roland E. Transmitter for in-line connection by measuring of fluid consistency. 277,831, 3-5-85, Cl. D10-46.000.

Berkey Photo, Inc.: *See—*
Rejwan, Sasson, 281,124, Cl. D6-470.000.

Berkline Corporation, The: *See—*
Long, Stapleton, 278,103, Cl. D6-381.000.
Long, Stapleton, 280,787, Cl. D6-381.000.

Bernard, Claude, to Charvoz-Carsen Corporation. Collapsible table. 277,250, 1-22-85, Cl. D6-420.000.

Berns, Peter M.; and Simonoff, Ely, to Opelika Manufacturing Corporation. Towel for pets. 277,918, 3-12-85, Cl. D6-608.000.

Berry, Loren E.: *See—*
Smith, Lloyd T.; Berry, Loren E.; Ediger, Glen W.; Hindman, Thomas E.; and Ten Eyck, Richard E., 279,254, Cl. D8-107.000.

Berry, Richard D., Jr., to Design Institute America, Inc. Table. 278,959, 5-28-85, Cl. D6-480.000.

Berry, Richard D., Jr., to Design Institute America, Inc. Etagere. 280,157, 8-20-85, Cl. D6-474.000.

Berry, Richard D., Jr., to Design Institute America, Inc. Etagere. 280,158, 8-20-85, Cl. D6-474.000.

Berry, Richard D., Jr., to Design Institute America, Inc. Table. 280,164, 8-20-85, Cl. D6-489.000.

Berry, Richard D., Jr., to Design Institute America, Inc. Table. 281,747, 12-17-85, Cl. D6-430.000.

Bertone, Nuccio, to Northern Technologies Limited. Display cabinet for CRT. 279,987, 8-6-85, Cl. D14-113.000.

Bertone, Nuccio, to Northern Technologies Limited. Keyboard. 281,605, 12-3-85, Cl. D14-100.000.

Bertone, Nuccio, to Northern Technologies Limited. Raised border arrangement for the top surface of a keyboard panel. 281,608, 12-3-85, Cl. D14-115.000.

Bertram, Paul F.: *See—*
Arnold, William D.; and Bertram, Paul F., 281,931, Cl. D6-317.000.

Bertrand, Paul, to Pernod, Ricard S.A. Bottle. 281,862, 12-24-85, Cl. D9-385.000.

Bertwood Marketing Inc.: *See—*
Brooker, John H.; and Brooker, Herbert A., 279,850, Cl. D7-3.000.

Bescherer, Robert E. Suet feeder. 277,514, 2-5-85, Cl. D30-14.000.

Besson, Paul, to Guinard Centrifugation. Centrifugation machine for separating, drying or the like. 280,628, 9-17-85, Cl. D15-147.000.

Best, Melvin H., to Glastar Corporation. Strip cutter. 281,219, 11-5-85, Cl. D8-98.000.

Bevilacqua, Ernest; and Knerr, Theodore, to Bost Enterprises, Inc. Golf bag. 278,479, 4-23-85, Cl. D3-37.000.

Bevilacqua, Ernest M., to Oki Electric Overseas Corporation. Control console for a mobile telephone with handset. 277,164, 1-15-85, Cl. D8-53.000.

Bhat, Ghanshyam A.; Chan, Eric P. P.; Lamancusa, John S.; Sylvester, Gordon E.; and Varela, Jose R., to AT&T Information Systems Inc. Housing for a telephone station handset. 277,666, 2-19-85, Cl. D14-63.000.

Bhat, Ghanshyam A.; Chan, Eric P. P.; Lamancusa, John S.; Sylvester, Gordon E.; and Varela, Jose R., to AT&T Information Systems Inc. Handset telephone base. 279,289, 6-18-85, Cl. D14-60.000.

Bianco, James S. Bar code scanning device. 277,384, 1-29-85, Cl. D14-116.000.

Bieder, Thomas R. Goggles. 279,516, 7-9-85, Cl. D2-234.000.

Bieger, Walter I.: *See—*
Olson, David V.; and Bieger, Walter I., 281,230, Cl. D9-434.000.

Biermann, P. J. Flexible pouring spout. 278,981, 5-28-85, Cl. D9-447.000.

Biesecker, Frederick N., to Drug Plastics & Glass Company, Inc. Bottle. 277,076, 1-8-85, Cl. D9-355.000.
Biesecker, Frederick N., to Drug Plastics & Glass Company, Inc. Bottle. 278,683, 5-7-85, Cl. D9-410.000.
Biesecker, Frederick N., to Drug Plastics & Glass Company, Inc. Bottle or the like. 280,601, 9-17-85, Cl. D9-372.000.
Billick, James E.: *See—*
  Ferraris, John T.; Billick, James E.; and Schick, George L., 280,768, Cl. D32-23.000.
Bingham, George H.: *See—*
  Rosensweig, Burton J.; Bingham, George H.; and Krupotich, Edward A., 278,250, Cl. D18-22.000.
Binney & Smith: *See—*
  Lieberman, Sheldon, 279,385, Cl. D19-77.000.
Binney & Smith, Inc.: *See—*
  Lieberman, Sheldon, 277,335, Cl. D3-44.000.
Bio-Support Industries Ltd: *See—*
  Roberts, Frank L., 281,210, Cl. D6-502.000.
Bio-Temp Products, Inc.: *See—*
  Khemka, Kailash C., 281,147, Cl. D10-57.000.
Biosafety Systems, Inc.: *See—*
  Gianni, Richard F., 281,906, Cl. D24-99.000.
  Gianni, Richard F., 281,907, Cl. D24-99.000.
  Gianni, Richard F., 282,009, Cl. D24-99.000.
Birchenall, Richard W. Combined can opener and shot measurer. 278,307, 4-9-85, Cl. D8-34.000.
Birchenall, Richard W. Combined bottle opener with shot measurer. 278,405, 4-16-85, Cl. D8-34.000.
Bird, George E.: *See—*
  Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., 280,125, Cl. D23-35.000.
Bisbee, Michael O. Warm-up suit or the like. 280,775, 10-1-85, Cl. D2-29.000.
Bismanovsky, Joseph; Clements, Ronald E.; and Rudin, Melvin, to Lane Telecommunications, Inc. Computer terminal. 279,782, 7-23-85, Cl. D14-106.000.
Bissonette, William M., to Security Technology Limited. Cabinet for a communication control system or the like. 278,902, 5-21-85, Cl. D14-52.000.
Bivouac Industries, Inc.: *See—*
  Chapman, Scott T., 281,487, Cl. D12-156.000.
Bixler, George, to Thompson, Nellie. Illuminated cane. 278,387, 4-16-85, Cl. D3-7.000.
Bixler, Kenneth D.; and Ralphs, Robert E., to Packaging Corporation of America. Carrier for beverage cups. 279,259, 6-18-85, Cl. D9-341.000.
Black & Decker, Inc.: *See—*
  Barnik, Edward A., 277,451, Cl. D8-64.000.
  McCloskey, Don R., 278,278, Cl. D32-18.000.
  McCloskey, Don R., 279,626, Cl. D4-100.000.
  McCloskey, Donald R.; and Gogoll, Thornton H., 279,319, Cl. D32-15.000.
  Shalvoy, John C.; and Van Deursen, Gary E., 278,752, Cl. D32-70.000.
  Somers, Robert I., 277,638, Cl. D8-62.000.
  Somers, Robert I., 280,379, Cl. D8-61.000.
  Somers, Robert I., 280,796, Cl. D8-61.000.
  Zurwelle, Donald W., 281,818, Cl. D26-37.000.
Blackburn, Chester A. Device for removing a cap from a jar. 277,925, 3-12-85, Cl. D8-37.000.
Blackburn, James R. Bicycle rack. 276,991, 1-1-85, Cl. D12-158.000.
Blackburn, James R. Pannier carrier for the front wheel of a bicycle. 278,699, 5-7-85, Cl. D12-158.000.
Blackmore, Fred N., Jr. Segmented plant container. 278,323, 4-9-85, Cl. D11-155.000.
Bladh, Tommy; and Hansson, Bill, to Fastighets AB Leif Eriksson. Device for removing lint from textile goods. 281,654, 12-10-85, Cl. D4-122.000.
Blais, Cecile; Liechti, Willy; and Broderick, Elizabeth. Perfume bottle. 277,075, 1-8-85, Cl. D9-310.000.
Blaivas, Marilyn. Armband pouch. 280,255, 8-27-85, Cl. D2-383.000.
Blake, Joseph W., III; and Kaufman, Jack W. Surgical stapler. 277,029, 1-1-85, Cl. D24-26.000.
Blance, Andrew J.: *See—*
  Laude, Michael E.; Pendelton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 277,863, Cl. D15-69.000.
  Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 278,912, Cl. D15-69.000.
  Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 279,295, Cl. D15-66.000.
Blanch, Paul S.: *See—*
  Kovacik, James D.; Blanch, Thomas J.; Blanch, Paul S.; and Kovacik, James W., 279,979, Cl. D13-30.000.
Blanch, Thomas J.: *See—*
  Kovacik, James D.; Blanch, Thomas J.; Blanch, Paul S.; and Kovacik, James W., 279,979, Cl. D13-30.000.
Blank, Cecil G., to Flow Systems. Automatic battery water filler. 278,550, 4-23-85, Cl. D23-17.000.
Blankenship, Larry K., to Vitalmetrics, Inc. Disposable urine collection container. 279,605, 7-9-85, Cl. D24-59.000.
Blankenship, Larry K.; and Manno, Joseph, to Vitalmetrics, Inc. Electronic urine monitor. 281,278, 11-5-85, Cl. D24-17.000.
Blatherwick, William J.: *See—*
  Holewinski, Robert D.; Hamilton, Leslie; and Blatherwick, William J., 281,719, Cl. D24-16.000.
  Holewinski, Robert D.; Hamilton, Leslie; and Blatherwick, William J., 281,813, Cl. D24-16.000.
Bleck, James H.: *See—*
  Cottrill, John B.; Mauro, Charles L.; Bleck, James H.; and Ronningen, Robert M., 279,678, Cl. D14-113.000.
Blesch, Thomas C., to General Aluminum Products, Inc. Heater enclosure. 277,228, 1-15-85, Cl. D23-138.200.
Blight, Marshall R., to Emeraldine Limited. Boomerang. 280,220, 8-20-85, Cl. D21-85.000.
Blocklinger, Dale. Combined book and computer accessories support unit. 281,842, 12-24-85, Cl. D6-419.000.
Blocksom, Dutro; and DuPree, John C., to Procter & Gamble Company, The. Bottle. 279,261, 6-18-85, Cl. D9-386.000.
Blodee, Leif, to Riblet Products Corporation. Combined tub and shower stall. 277,695, 2-19-85, Cl. D23-49.000.
Blome, Fred C. Document holder. 277,631, 2-19-85, Cl. D6-311.000.
Blomquist, Hubert: *See—*
  Blomquist, Ruben; and Blomquist, Hubert, 279,623, Cl. D3-38.000.
Blomquist, Ruben; and Blomquist, Hubert. Storage and transport case for fishing tackle. 279,623, 7-16-85, Cl. D3-38.000.
Bloom, David R. Color matching card. 281,173, 10-29-85, Cl. D19-37.000.
Blower, Peter, to British Aerospace PLC. Vehicle for paraplegic persons. 280,089, 8-13-85, Cl. D12-128.000.
Bloxham, Keith D., to Restaurant Equipment Mfg., Inc. Tortilla chip cutter. 280,690, 9-24-85, Cl. D7-43.000.
Blue Box Toy Factory Ltd.: *See—*
  Ng, Cheuk S., 281,180, Cl. D21-105.000.
  Ng, Cheuk Sun, 279,805, Cl. D21-127.000.
  Takeuchi, Kazutaka, 277,771, Cl. D21-81.000.
  Takeuchi, Kazutaka, 280,115, Cl. D21-139.000.
  Takeuchi, Kazutaka, 281,442, Cl. D21-141.000.
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  Bailey, Donald V.; and Bartasevich, William E., 281,919, Cl. D32-21.000.
Bluestein, Bernard B.: *See—*
  Hemrich, William R., Jr.; and Bluestein, Bernard B., 277,418, Cl. D28-38.000.
Blum, Jean. Fireplace. 279,599, 7-9-85, Cl. D23-94.000.
Blum, Jean. Hearth. 279,600, 7-9-85, Cl. D23-94.000.
Blume, Gerald W.: *See—*
  Archibald, G. Kent; and Blume, Gerald W., 278,181, Cl. D24-8.000.
Blumenthal, Martin. Tricycle. 277,947, 3-12-85, Cl. D12-112.000.
Blumer, John E.; Ehmke, Richard J.; and Linsenmeyer, Arthur F., to Dempster Industries Inc. Washdown sprayer tank. 279,921, 7-30-85, Cl. D23-2.000.
Boarini, Edward J., to Baxter Travenol Laboratories, Inc. Injection site. 280,764, 9-24-85, Cl. D24-53.000.
Boberg, Sven-Erik. Mobile. 280,608, 9-17-85, Cl. D11-141.000.
Bobrick Washroom Equipment Corporation: *See—*
  Keck, Henry C., 280,167, Cl. D6-545.000.
Bodourian, Peter V.; and Grispino, Joseph M. Cassette container. 278,856, 5-21-85, Cl. D3-35.000.
Boeing Company, The: *See—*
  Engfer, George J.; Kirk, Anthony I. C.; and Ostlund, Richard T., 281,930, Cl. D3-40.000.
  Ferrell, Jay A.; Kimes, Lucas J.; and Spitzer, Robert E., 279,094, Cl. D12-340.000.
  Holloway, Richard B.; and Millett, Merlin L., Jr., 277,976, Cl. D22-11.000.
  White, Thomas H., 277,239, Cl. D6-356.000.
  White, Thomas H., 277,526, Cl. D6-356.000.
Boetger, Ronald L., to Code Manufacturing, Inc. Tire inflator. 278,244, 4-2-85, Cl. D15-7.000.
Boffo, Michael W. Digital clock. 279,868, 7-30-85, Cl. D10-6.000.
Bohl, Rainer, to Roeder GmbH Sitzmoebelwerke. Chair. 278,869, 5-21-85, Cl. D6-366.000.
Bohnsack, Duane F., to Mid-American Industries, Inc. Aquarium. 278,941, 5-21-85, Cl. D30-8.000.
Bohunsky, Robert L. Violin case. 280,359, 9-3-85, Cl. D3-30.100.
Boklund, Carl J., to Wilcoxen, James. Child's lap desk and blackboard. 280,216, 8-20-85, Cl. D19-52.000.
Boland, Edward J., II. Storage unit for wine bottles or the like. 276,964, 1-1-85, Cl. D6-470.000.
Boland, Edward J., II. Wine rack. 278,110, 3-26-85, Cl. D6-465.000.
Bolduc, Richard, to Domco Industries Ltd. Combined modular display rack and lighting fixtures unit. 279,057, 6-4-85, Cl. D6-399.000.
Bolgert, Edwin F., to Kohler Co. Combined valve housing and escutcheon. 277,887, 3-5-85, Cl. D23-31.000.
Bolgert, Edwin F., to Kohler Co. Vacuum breaker valve. 278,740, 5-7-85, Cl. D23-19.000.
Bolinger, Daryll B. Fishing line strike indicator. 281,805, 12-17-85, Cl. D22-23.000.
Bollinger, Bob: *See—*
  Suponitsky, Lenny, 278,029, Cl. D8-397.000.
Bollinger, Glenn: *See—*
  Suponitsky, Lenny, 278,029, Cl. D8-397.000.
Bollinger, Howard N.: *See—*
  Kirshner, David M.; Paris, Patricia; Bollinger, Howard N.; Goldberg, Dale I.; Abbott, Jane C.; and Haupt, Linda, 281,004, Cl. D21-171.000.

Bolyn, Anthony E., to Congoleum Corporation. Display unit for samples of floor tiles, carpets or similar articles. 278,954, 5-28-85, Cl. D6-409.000.

Bomatic, Inc.: *See*—

Hestehave, Borge; and Hestehave, Kjeld, 279,763, Cl. D9-375.000.

Bomes, Harvey; Pulichino, John; Carpenter, Lester E.; and Wickman, John A., to American Tourister, Inc. Wheeled suitcase. 280,680, 9-24-85, Cl. D3-76.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, to American Tourister, Inc. Soft-sided wheeled suitcase. 280,783, 10-1-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, to American Tourister, Inc. Soft-sided luggage. 280,865, 10-8-85, Cl. D3-48.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, to American Tourister, Inc. Soft-sided carry-on luggage. 280,866, 10-8-85, Cl. D3-48.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, to American Tourister, Inc. Soft-sided luggage. 281,122, 10-29-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, to American Tourister, Inc. Soft-sided garment bag. 281,465, 11-26-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, to American Tourister, Inc. Garment bag. 281,547, 12-3-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, to American Tourister, Inc. Soft-sided tote bag. 281,645, 12-10-85, Cl. D3-48.000.

Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, to American Tourister, Inc. Duffle luggage. 281,646, 12-10-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, to American Tourister, Inc. Duffle luggage. 281,647, 12-10-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, to American Tourister, Inc. Duffle luggage. 281,648, 12-10-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, to American Tourister, Inc. Duffle luggage. 281,649, 12-10-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, to American Tourister, Inc. Soft-sided wheeled suitcase. 281,650, 12-10-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, to American Tourister, Inc. Garment bag. 281,651, 12-10-85, Cl. D3-71.000.

Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, to American Tourister, Inc. Soft-sided wheeled suitcase. 281,652, 12-10-85, Cl. D3-71.000.

Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, to American Tourister, Inc. Luggage. 277,431, 2-5-85, Cl. D3-48.000.

Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, to American Tourister, Inc. Carry-on luggage. 277,618, 2-19-85, Cl. D3-71.000.

Bomes, Harvey J.; Migliore, John J.; Pulichino, John; and Barber, Jack, to American Tourister, Inc. Portfolio case. 277,619, 2-19-85, Cl. D3-71.000.

Bomes, Harvey J.: *See*—

Pulichino, John; Bomes, Harvey J.; Migliore, John J.; Smith, Lonnie M.; and Schmitt, Wayne, 279,142, Cl. D3-71.000.

Bonar Rosedale Plastics Ltd.: *See*—

Carter, Howard B.; and Hughes, Larry, 277,042, Cl. D34-40.000.

Bonazelli, William F. Generator for fuel additive. 279,977, 8-6-85, Cl. D13-2.000.

Bondwell Electronics Ltd.: *See*—

Lee, Ping M., 277,574, Cl. D14-64.000.

Bonnefoy, Francis, to Posso S.A. Slide viewer. 280,103, 8-13-85, Cl. D16-17.000.

Booker, Brian A. J.; and Hillebrand, Thomas W., to Parker Pen Company. Fountain pen. 280,422, 9-3-85, Cl. D19-51.000.

Boone, Sheila T. Facial pillow. 277,059, 1-8-85, Cl. D6-601.000.

Bootman, Matthew W.; Schillke, Peter; and Laguette, Stephen W., to American Hospital Supply Corporation. Wound drainage reservoir. 280,023, 8-6-85, Cl. D24-56.000.

Borden, William K. Car top carrier for clothing articles, cargo and the like. 278,698, 5-7-85, Cl. D12-157.000.

Borgersen, Kjell; and Brandt, Lennart, to AB Volvo Penta. Combined transmission and propeller assembly for boats. 277,387, 1-29-85, Cl. D15-149.000.

Borgersen, Kjell; and Brandt, Lennart, to AB Volvo Penta. Transmission for boats. 277,762, 2-26-85, Cl. D15-149.000.

Borgersen, Kjell; and Brandt, Lennart, to AB Volvo Penta. Transmission for boats. 277,763, 2-26-85, Cl. D15-149.000.

Borichevsky, Donald J., to Telescope Folding Furniture Co., Inc., The. Ottoman. 278,864, 5-21-85, Cl. D6-349.000.

Borkan, Florence; and Cafiero, Thomas A., to Pharmacaps, Inc. Combined receptacle cap and capsule piercing device therefor. 278,033, 3-19-85, Cl. D9-437.000.

Borkan, Florence; and Cafiero, Thomas A., to Pharmacaps, Inc. Combined receptacle cap and capsule piercing device therefor. 281,582, 12-3-85, Cl. D9-437.000.

Borkan, Florence: *See*—

Cafiero, Thomas A.; and Borkan, Florence, 278,034, Cl. D9-437.000.

Cafiero, Thomas A.; and Borkan, Florence, 281,583, Cl. D9-437.000.

Boroch, Jersy, to Allibert S.A. Wall-mounted soap dish. 277,146, 1-15-85, Cl. D6-540.000.

Bosch-Siemens Hausgerate GmbH: *See*—

Vetter, Roland; and Feil, Rolf, 277,448, Cl. D7-346.000.

Vetter, Roland; and Feil, Rolf, 277,449, Cl. D7-346.000.

Boss, Karen. Oil candle. 280,443, 9-3-85, Cl. D26-110.000.

Boss, Karen. Oil candle. 280,444, 9-3-85, Cl. D26-110.000.

Boss, Karen. Oil candle. 280,445, 9-3-85, Cl. D26-110.000.

Bossack, Thomas J.; Shipos, Louis E.; and Brown, Frederick M., to NCR Corporation. Ribbon cassette or similar article. 280,212, 8-20-85, Cl. D18-22.000.

Bosshardt, William, to Polychrome Corporation. Printing plate processor (II). 277,293, 1-22-85, Cl. D18-13.000.

Bosshardt, William, to Polychrome Corporation. Printing plate processor. 277,294, 1-22-85, Cl. D18-13.000.

Bost Enterprises, Inc.: *See*—

Bevilacqua, Ernest; and Knerr, Theodore, 278,479, Cl. D3-37.000.

Bothe, Hans J. Aircraft. 280,194, 8-20-85, Cl. D12-323.000.

Boudreau, David E.; Landry, Christian C.; Loose, Duane M.; and Urbanus, David S. Video data and graphics display terminal. 277,383, 1-29-85, Cl. D14-113.000.

Boudreaux, Mark D., to CPG Products Corp. Toy vehicle. 279,016, 5-28-85, Cl. D21-87.000.

Boudreaux, Mark D., to CPG Products Corp. Toy vehicle. 279,017, 5-28-85, Cl. D21-87.000.

Boudreaux, Mark D., to CPG Products Corp. Toy vehicle. 279,018, 5-28-85, Cl. D21-87.000.

Bouille, Eric. Case for wristwatch. 279,269, 6-18-85, Cl. D10-30.000.

Bouille, Eric. Case for wristwatch. 279,270, 6-18-85, Cl. D10-30.000.

Bouille, Eric. Case for wristwatch. 279,271, 6-18-85, Cl. D10-30.000.

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Bouman, Mark H., to Century Mfg. Co. Welding machine. 280,329, 8-27-85, Cl. D15-144.000.

Bounds, William E. Condiment dispenser. 279,158, 6-11-85, Cl. D7-54.000.

Bounds, William E. Condiment dispenser. 279,159, 6-11-85, Cl. D7-57.000.

Bourque, Rene, to Warrington Inc. Skate boot. 277,401, 1-29-85, Cl. D21-225.000.

Bourque, Rene, to Warrington Inc. Goaler skate. 277,693, 2-19-85, Cl. D21-225.000.

Bousman, William J., to Western Publishing Co. Housing for voice synthesizer and voice activating bar code reader. 277,963, 3-12-85, Cl. D14-107.000.

Bova, Anthony J. Telescoping fill neck for a waterbed mattress. 279,922, 7-30-85, Cl. D23-27.000.

Bowen, Dewey L. Vibrato tail piece. 278,067, 3-19-85, Cl. D17-14.000.

Bowen, Gary D.; and Bowen, James L., to Genpak Corporation. Plastic paint container. 278,800, 5-14-85, Cl. D9-379.000.

Bowen, James L.: *See*—

Bowen, Gary D.; and Bowen, James L., 278,800, Cl. D9-379.000.

Bowen, John: *See*—

Mason, Jonathan J.; and Bowen, John, 277,376, Cl. D12-304.000.

Bowen, Michael W. Spool and spindle rocking chair. 278,284, 4-9-85, Cl. D6-348.000.

Bowen, Robert F.; and Herbst, Walter B., to Raytheon Company. Microwave corn popper base. 276,969, 1-1-85, Cl. D7-325.000.

Bowen, Robert F.; and Herbst, Walter B., to Raytheon Company. Microwave corn popper. 276,970, 1-1-85, Cl. D7-325.000.

Bowers, Ty S.: *See*—

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Boxall, Stanley S. Display case. 278,193, 4-2-85, Cl. D6-471.000.

Boyce, Raymond D. Portable blender. 281,945, 12-31-85, Cl. D7-378.000.

Boyd, Jeffrey A.; Pusateri, Vincent J.; Hooke, John; and Rockett, Danny F., to General Electric Company. Rechargable battery pack. 280,317, 8-27-85, Cl. D13-5.000.

Boyd, Raymond. Foldable, lighted hand mirror. 282,014, 12-31-85, Cl. D6-309.000.

Boyer, Boyke: *See*—

Luthe, Claus; and Boyer, Boyke, 280,400, Cl. D12-193.000.

Luthe, Claus; and Boyer, Boyke, 281,152, Cl. D12-167.000.

Luthe, Claus; and Boyer, Boyke, 281,153, Cl. D12-169.000.

Luthe, Claus; and Boyer, Boyke, 281,154, Cl. D12-169.000.

Bozorth, Ralph. Saw blade holder. 278,877, 5-21-85, Cl. D8-71.000.

Braathen, Gary A. Fishing lure. 281,897, 12-24-85, Cl. D22-27.000.

Braathen, Thor F. Stepper chassis for terrain-going vehicles. 281,165, 10-29-85, Cl. D15-33.000.

Braathen, Thor F. Stepper chassis for terrain going vehicles. 281,166, 10-29-85, Cl. D15-33.000.

Bradley, Brian D. Holder for drinking vessel. 281,755, 12-17-85, Cl. D7-45.000.

Bradley, William F. Tooth cleansing device. 278,863, 5-21-85, Cl. D4-108.000.

Bradshaw, Charlotte S. Insulated bag. 281,546, 12-3-85, Cl. D3-53.000.

Brandsma, Sies K., to U.S. Philips Corporation. Clock radio receiver. 277,960, 3-12-85, Cl. D14-73.000.

Brandsma, Sies K., to U.S. Philips Corporation. Portable radio receiver. 279,098, 6-4-85, Cl. D14-70.000.

- Brandt, Inc.: *See—*
  - Bressler, Peter; and Byar, Peter, 278,831, Cl. D18-3.000.
- Brandt, Lennart: *See—*
  - Borgersen, Kjell; and Brandt, Lennart, 277,387, Cl. D15-149.000.
  - Borgersen, Kjell; and Brandt, Lennart, 277,762, Cl. D15-149.000.
  - Borgersen, Kjell; and Brandt, Lennart, 277,763, Cl. D15-149.000.
- Bransky, Olaf, to Siemens Aktiengesellschaft. Medication dosaging device or similar article. 277,980, 3-12-85, Cl. D24-8.000.
- Braswell, Charlie. Cooking grill. 279,536, 7-9-85, Cl. D7-335.000.
- Braswell, Ronald E. Fire extinguisher head assembly. 279,035, 5-28-85, Cl. D29-5.000.
- Braukmann, Heinz W. Bottle cap opener. 278,203, 4-2-85, Cl. D8-40.000.
- Braun, Claus J. Mini-geiger-counter. 280,183, 8-20-85, Cl. D10-46.000.
- Braun, Michael. Chair. 281,934, 12-31-85, Cl. D6-371.000.
- Braunschweig, Peter M.; and Ruffles, Thomas J., Jr., to Astronics Corporation. Desk for filing cancelled checks. 281,475, 11-26-85, Cl. D6-426.000.
- Breen, John D., to Murray Ohio Manufacturing Co., The. Bicycle frame. 278,324, 4-9-85, Cl. D12-111.000.
- Breidt, Donald F.: *See—*
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- Breitschwerdt, Werner; van Winsen, Friedrich; and Sacco, Bruno, to Daimler-Benz Aktiengesellschaft. Automobile. 278,992, 5-28-85, Cl. D12-92.000.
- Brennan, Steven R. Illuminated sign. 279,485, 7-2-85, Cl. D20-17.000.
- Brenner, Stanley; Pearse, James N.; and Johnson, George E., to Leviton Manufacturing Co. Inc. Thermal detector. 278,050, 3-19-85, Cl. D13-34.000.
- Brescia, Anthony; and Deacon, Ross, to Syroco, Inc. Combined horizontal storage unit and display board. 278,493, 4-23-85, Cl. D6-570.000.
- Bresie, Don A.; Burns, Jack M.; and Fowler, Donald W. Equipment skid. 278,944, 5-21-85, Cl. D34-28.000.
- Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S. Combined truck rear steps and platform. 280,093, 8-13-85, Cl. D12-203.000.
- Breslow, Jeffrey D.; Rosenwinkel, Donald A.; and Zaruba, John V., to Marvin Glass & Associates. Candy dispenser. 280,374, 9-3-85, Cl. D7-76.000.
- Breslow, Jeffrey D.: *See—*
  - Rivette, Denni F.; Wildman, John R.; and Breslow, Jeffrey D., 279,673, Cl. D14-53.000.
- Bressler, Peter; and Byar, Peter, to Brandt, Inc. Paper and document handling and counting apparatus. 278,831, 5-14-85, Cl. D18-3.000.
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- Brewster, Gerald E. Paper roll holder. 279,343, 6-25-85, Cl. D6-522.000.
- Breyer-Lindner, Brigitte. Hanging ornament. 278,042, 3-19-85, Cl. D11-125.000.
- Breyer-Lindner, Brigitte. Hanging decoration. 279,772, 7-23-85, Cl. D11-81.000.
- Breyer-Lindner, Brigitte. Hanging decoration. 279,773, 7-23-85, Cl. D11-81.000.
- Breyer-Lindner, Brigitte. Applique ornament or the like. 281,678, 12-10-85, Cl. D11-133.000.
- Breymeyer, William: *See—*
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  - Carlson, Arthur R., 279,210, Cl. D23-11.000.
  - Carlson, Arthur R., 279,211, Cl. D23-11.000.
  - Carlson, Arthur R., 279,212, Cl. D23-11.000.
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- Bridge Wheel Company, Inc.: *See—*
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  - Kojima, Hiroshi; and Tsuda, Tooru, 278,221, Cl. D12-147.000.
  - Kojima, Hiroshi; and Koyasu, Tosihiro, 278,222, Cl. D12-147.000.
  - Kojima, Hiroshi; and Sakamaki, Yuji, 278,223, Cl. D12-147.000.
  - Kojima, Hiroshi; Kawabata, Misao; Yamaoka, Masataka; and Moriya, Masashiro, 278,617, Cl. D12-147.000.
  - Kojima, Hiroshi; Kawabata, Misao; Yamaoka, Masataka; and Moriya, Masashiro, 278,618, Cl. D12-147.000.
  - Kojima, Hiroshi; and Takase, Kiyoshi, 279,090, Cl. D12-149.000.
  - Motomura, Kenichi; and Tokunaga, Seiichiro, 278,218, Cl. D12-142.000.
  - Motomura, Kenichi; and Mamada, Mamoru, 281,485, Cl. D12-142.000.
  - Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki, 278,224, Cl. D12-151.000.
  - Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki, 279,178, Cl. D12-151.000.
  - Nishio, Hideaki; and Tateo, Yuji, 278,994, Cl. D12-137.000.
  - Nishio, Hideaki; Kojima, Hiroshi; and Kurima, Akira, 279,465, Cl. D12-147.000.
  - Tansei, Hikaru, 280,612, Cl. D12-146.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,472, 4-23-85, Cl. D2-40.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,473, 4-23-85, Cl. D2-40.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,474, 4-23-85, Cl. D2-40.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,475, 4-23-85, Cl. D2-40.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,476, 4-23-85, Cl. D2-41.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,568, 4-30-85, Cl. D2-40.000.
- Briggery Myles, Jacquelyn A. Swimwear. 278,569, 4-30-85, Cl. D2-40.000.
- Briggery Myles, Jacquelyn A. Swimwear. 279,936, 8-6-85, Cl. D2-41.000.
- Briggery Myles, Jacquelyn A. Swimwear. 280,252, 8-27-85, Cl. D2-40.000.
- Brinkerhoff, James W.: *See—*
  - Scheid, William J.; Toth, Richard J.; and Brinkerhoff, James W., 280,323, Cl. D14-12.000.
- Brinly-Hardy Co., Inc.: *See—*
  - Doering, Charles W., 281,693, Cl. D15-27.000.
- Brinson, James, Jr., to Brinson, Jr., James. Hunting harness. 279,520, 7-9-85, Cl. D2-382.000.
- Brinson, Jr., James: *See—*
  - Brinson, James, Jr., 279,520, Cl. D2-382.000.
- Brio Toy AB: *See—*
  - Petersson, Nils A. I., 280,919, Cl. D21-143.000.
  - Petersson, Nils A. I., 281,440, Cl. D21-108.000.
- British Aerospace PLC: *See—*
  - Blower, Peter, 280,089, Cl. D12-128.000.
- British Telecommunications: *See—*
  - Williams, John K., 278,815, Cl. D14-63.000.
  - Williams, John K., 280,988, Cl. D14-62.000.
- Broadaker Co., Ltd.: *See—*
  - Whitaker, Richard J., 281,317, Cl. D14-38.000.
- Broadhead, James H.: *See—*
  - Bartlett, Randall N.; Broadhead, James H.; and Wilbur, Lawrence A., 281,656, Cl. D6-361.000.
- Broadway Industries, Inc.: *See—*
  - Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., 280,008, Cl. D23-25.000.
  - Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., 280,009, Cl. D23-25.000.
  - Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., 280,010, Cl. D23-32.000.
- Brockenshire, Joseph M. Card table top. 279,801, 7-23-85, Cl. D21-37.000.
- Brockenshire, Joseph M. Card table. 281,178, 10-29-85, Cl. D21-37.000.
- Brockway Plastics, Inc.: *See—*
  - Morris, Glenn H., 279,267, Cl. D9-454.000.
- Brockway, Reid E., to Novatech Research Corporation. Instrument face panel. 279,892, 7-30-85, Cl. D13-12.000.
- Broderick, Elizabeth: *See—*
  - Blais, Cecile; Liechti, Willy; and Broderick, Elizabeth, 277,075, Cl. D9-310.000.
- Brodie, Richard A. Font for musical symbols. 279,014, 5-28-85, Cl. D18-32.000.
- Brodrene Hartmann A/S: *See—*
  - Moller, Bent, 281,955, Cl. D9-341.000.
- Brolin, Hans R., to AB Perma System. Worm gear unit for venetian blinds or the like. 277,062, 1-8-85, Cl. D6-580.000.
- Bromley, R. Scott, to Cartier Inc. Table. 278,584. 4-30-85, Cl. D6-484.000.
- Bromley, R. Scott, to Cartier Inc. Dining table. 279,633, 7-16-85, Cl. D6-480.000.
- Bromley, R. Scott, to Cartier Inc. Credenza shelf. 279,637, 7-16-85, Cl. D6-511.000.
- Bromley, R. Scott, to Cartier Inc. Dining table. 279,741, 7-23-85, Cl. D6-480.000.
- Bromley, R. Scott, to Cartier Inc. Table. 280,162, 8-20-85, Cl. D6-484.000.
- Bromley, R. Scott, to Cartier Inc. Furniture shelf. 280,166, 8-20-85, Cl. D6-511.000.
- Bromley, R. Scott, to Cartier Inc. Wall mounted cabinet. 280,480, 9-10-85, Cl. D6-559.000.
- Brooker, Herbert A.: *See—*
  - Brooker, John H.; and Brooker, Herbert A., 279,850, Cl. D7-3.000.
- Brooker, John H.; and Brooker, Herbert A., to Bertwood Marketing Inc. Combined cup and coaster base. 279,850, 7-30-85, Cl. D7-3.000.
- Brooks, Leonard J., Jr.; and Sawyer, Richard C., Jr., to McGraw-Edison Company. Guy wire marker. 280,500, 9-10-85, Cl. D13-13.000.
- Brooks, Loren L. Writing instrument. 280,110, 8-13-85, Cl. D19-42.000.
- Brooks, Robert. Combined fire hose and cabinet therefor. 278,464, 4-16-85, Cl. D29-2.000.
- Brooks, Steven: *See—*
  - Dunbar, Jack G.; and Brooks, Steven, 277,240, Cl. D6-381.000.
  - Dunbar, Jack G.; and Brooks, Steven, 278,104, Cl. D6-379.000.
- Brorsson, Bror J.: *See—*
  - Larsson, Lars P.; and Brorsson, Bror J., 278,931, Cl. D24-31.000.
- Brossier, Jean-Michel. Trash receptacle. 281,110, 10-22-85, Cl. D34-4.000.
- Brother Kogyo Kabushiki Kaisha: *See—*
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,248, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,351, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,635, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,636, Cl. D18-1.000.

  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,637, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,719, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,720, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,721, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,827, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,828, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,829, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,830, Cl. D18-1.000.
  - Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 279,296, Cl. D18-1.000.
  - Morishita, Masayuki, 278,404, Cl. D18-1.000.
  - Morishita, Masayuki, 278,443, Cl. D18-1.000.
- Brown, Craig F.: *See—*
  - Manno, Joseph J.; Davis, David L.; Busche, William W.; Conley, Richard B.; Mleczko, Robert; and Brown, Craig F., 282,002, Cl. D24-8.000.
- Brown, Dwight C. Retainer accessory for garment hangers. 278,665, 5-7-85, Cl. D6-328.000.
- Brown-Forman Distillers Corporation: *See—*
  - Kerr, Jayne K., 277,551, Cl. D9-367.000.
- Brown, Frederick M.: *See—*
  - Bossack, Thomas J.; Shipos, Louis E.; and Brown, Frederick M., 280,212, Cl. D18-22.000.
- Brown Group Recreational Products, Inc.: *See—*
  - Saxman, D. Scott; and Ziegler, William H., Jr., 281,992, Cl. D21-245.000.
  - Ziegler, William H., Jr., 277,022, Cl. D21-246.000.
- Brown, Harry, to Strombecker Corporation. Bubble pipe. 277,879, 3-5-85, Cl. D21-61.000.
- Brown, Hugh O.; and Lindsay, James R., to Beckman Instruments, Inc. Amino acid analyzer. 277,979, 3-12-85, Cl. D24-1.100.
- Brown, Hugh O.: *See—*
  - Crotty, Daniel G.; and Brown, Hugh O., 281,664, Cl. D8-74.000.
- Brown, James N.; and Taylor, Darrell L. Stilt. 279,997, 8-6-85, Cl. D21-72.000.
- Brown, Jeffrey C., to John Fluke Mfg. Co., Inc. Electronic instrument for logging data. 277,670, 2-19-85, Cl. D14-100.000.
- Brown, Jeffrey L. Angulated venipuncture needle. 281,014, 10-15-85, Cl. D24-52.000.
- Brown, Jerry A. Toothbrush holder. 278,778, 5-14-85, Cl. D6-534.000.
- Brown, Jerry A. Towel rack. 280,579, 9-17-85, Cl. D6-410.000.
- Brown, John M.; Herritz, Donald; Ottinger, Barbara L.; and Westmas, Leland D., to Gerber Products Company. Combined hood and collar. 278,311, 4-9-85, Cl. D9-436.000.
- Brown Jordan Company: *See—*
  - Criqui, Eugene A.; and Homestead, Peter W., 280,274, Cl. D6-487.000.
  - Criqui, Eugene A.; and Homestead, Peter W., 280,275, Cl. D6-487.000.
  - Frinier, Richard; and Criqui, Eugene A., 279,335, Cl. D6-361.000.
  - Thorpe, Robert K., 276,958, Cl. D6-369.000.
  - Thorpe, Robert K., 277,343, Cl. D6-369.000.
  - Thorpe, Robert K., 281,038, Cl. D6-445.000.
- Brown, Joseph E. Luminaire housing. 277,416, 1-29-85, Cl. D26-63.000.
- Brown, Kenneth T.; and Brown, Virginia W. Convertible cradle. 279,333, 6-25-85, Cl. D6-335.000.
- Brown, Marion F., Sr., to Consolidated Foods Corporation. Container cap. 277,826, 3-5-85, Cl. D9-439.000.
- Brown, Michael; Read, Clifford D.; and Ellis, Warren K., to Northern Telecom Limited. Telephone set base. 278,236, 4-2-85, Cl. D14-60.000.
- Brown, Michael; Read, Clifford D.; and Ellis, Warren K., to Northern Telecom Limited. Housing for a wall-mount telephone set base. 280,618, 9-17-85, Cl. D14-61.000.
- Brown, Michael; Read, Clifford D.; and Ellis, Warren K., to Northern Telecom Limited. Housing for a telephone handset. 280,619, 9-17-85, Cl. D14-63.000.
- Brown, Ned D. Cabinet for automated bank teller machine. 281,922, 12-24-85, Cl. D99-28.000.
- Brown, Omar L.; Peters, Don B.; and Kalter, Jack L., to Fraze, Ermal C. End closure for a container. 278,980, 5-28-85, Cl. D9-438.000.
- Brown, Paul R. Combined telephone and clock radio. 280,402, 9-3-85, Cl. D14-53.000.
- Brown, Philip J. Putter head. 279,497, 7-2-85, Cl. D21-219.000.
- Brown, Richard G., to Null Manufacturing Corporation. Table. 281,125, 10-29-85, Cl. D6-477.000.
- Brown, Robert A.: *See—*
  - McNaghten, Delmar E.; Kent, Dennis C.; and Brown, Robert A., 278,331, Cl. D13-35.000.
- Brown & Sharpe Manufacturing Company: *See—*
  - Guertin, Raymond J.; Kang, Chuhong; and Matthews, Peter P., 277,757, Cl. D15-124.000.
- Brown, Virginia W.: *See—*
  - Brown, Kenneth T.; and Brown, Virginia W., 279,333, Cl. D6-335.000.
- Brownfield, William N., Jr.: *See—*
  - Schultz, Loren A.; and Brownfield, William N., Jr., 277,382, Cl. D14-105.000.
- Brownline Pipe Inc.: *See—*
  - Galloway, Cecil, 277,726, Cl. D8-356.000.
  - Galloway, Cecil, 278,739, Cl. D23-19.000.
- Brucoli, Michael, to Holson Company, The. Photo album or similar article. 281,511, 11-26-85, Cl. D19-26.000.
- Bruel & Kjaer A/S: *See—*
  - Mathiasen, Hilmer, 278,625, Cl. D14-12.000.
- Bruffey, Robert D., Jr.; Crosby, Samuel C.; Gaunt, Lorraine E.; and Hoover, George H., to Coca-Cola Company, The. Beverage dispenser cabinet. 281,568, 12-3-85, Cl. D7-308.000.
- Brun, Serge, to Calor S.A. Face depilating apparatus. 277,233, 1-15-85, Cl. D24-26.000.
- Brunetto, Robert H. Surveyor's template. 279,797, 7-23-85, Cl. D19-37.000.
- Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., to Simmons Universal Corporation. Crib footboard. 278,398, 4-16-85, Cl. D6-505.000.
- Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., to Simmons Universal Corporation. Crib footboard. 278,399, 4-16-85, Cl. D6-505.000.
- Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., to Simmons Universal Corporation. Crib footboard. 280,277, 8-27-85, Cl. D6-505.000.
- Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., to Simmons Universal Corporation. Crib footboard. 280,278, 8-27-85, Cl. D6-508.000.
- Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., to Simmons Universal Corporation. Crib footboard. 280,279, 8-27-85, Cl. D6-508.000.
- Brunner, Robert D.: *See—*
  - Empson, Edward H.; Brunner, Robert D.; and Fubershaw, Gerard A., 277,283, Cl. D14-100.000.
  - Empson, Edward H.; Brunner, Robert D.; and Fubershaw, Gerard A., 279,007, Cl. D14-113.000.
- Brunstrom, Leif E. I., to Telefonaktiebolaget LM Ericsson. Radio. 281,069, 10-22-85, Cl. D14-70.000.
- Brunswick Corporation: *See—*
  - Hatch, Edwin B., 280,657, Cl. D22-25.000.
  - Heimovics, John G.; Robbins, Richard J.; Fee, Robert W.; and Liu, Shau-Min, 281,093, Cl. D22-25.000.
  - Miller, Vernon R.; and Hatch, Edwin B., 280,541, Cl. D22-25.000.
  - Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,539, Cl. D22-25.000.
  - Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,540, Cl. D22-25.000.
- Brus, Robert M., to Toro Company, The. Holder for flat articles such as display cards or the like. 280,111, 8-13-85, Cl. D20-43.000.
- Bruseloff, Ilene G. Dusting glove. 277,050, 1-8-85, Cl. D2-361.000.
- Brussing, Bernd: *See—*
  - Zeischegg, Walter; and Brussing, Bernd, 277,874, Cl. D19-52.000.
  - Zeischegg, Walter; and Brussing, Bernd, 279,750, Cl. D6-582.000.
  - Zeischegg, Walter; and Brussing, Bernd, 279,888, Cl. D11-152.000.
  - Zeischegg, Walter; and Brussing, Bernd, 279,945, Cl. D6-449.000.
  - Zeischegg, Walter, deceased; Zeischegg, Rosalinde, heiress; and Brussing, Bernd, 278,663, Cl. D6-476.000.
- Bryant, William C.; and Ferguson, William C., to Empire Brushes, Inc. Flexibly-backed brush. 280,267, 8-27-85, Cl. D4-130.000.
- Bryce, Ian R. Litter bin. 280,458, 9-3-85, Cl. D34-7.000.
- Bubash, James E. Conversion calculator. 277,871, 3-5-85, Cl. D18-9.000.
- Bubley, Henry J., to American Screen Printing Company. Screen printing press. 281,510, 11-26-85, Cl. D18-13.000.
- Buchanan, James W. Animal leash bracket. 277,055, 1-8-85, Cl. D6-566.000.
- Buchet, Marcel, to L'Oreal, S.A. Lipstick case. 279,827, 7-23-85, Cl. D28-85.000.
- Buchet, Marcel, to L'Oreal, S.A. Slim line lipstick case. 279,828, 7-23-85, Cl. D28-85.000.
- Buchet, Marcel, to L'Oreal, S.A. Dual pressed powder compact. 280,244, 8-20-85, Cl. D28-78.000.
- Buchet, Marcel, to L'Oreal, S.A. Trio pressed powder compact. 280,245, 8-20-85, Cl. D28-78.000.
- Buchet, Marcel, to L'Oreal, S.A. Single pressed powder compact. 280,353, 8-27-85, Cl. D28-78.000.
- Buchet, Marcel, to L'Oreal, S.A. Nail enamel container. 281,671, 12-10-85, Cl. D9-372.000.
- Buck, Marshall D., to Cerwin-Vega, Inc. Grille assembly for a coaxial loudspeaker. 278,432, 4-16-85, Cl. D14-39.000.
- Buczynski, Raymond J.: *See—*
  - Bartfay, Stephen A.; and Buczynski, Raymond J., 280,662, Cl. D24-8.000.
- Buehler, Charles F. Heating stove with interchangeable door panels. 277,025, 1-1-85, Cl. D23-97.000.
- Bufkor, Inc.: *See—*
  - Crawford, Dennis, 277,713, Cl. D6-329.000.
- Bugash, Robert S.: *See—*
  - Meininger, Charles L.; and Bugash, Robert S., 281,421, Cl. D14-52.000.
- Buhk, Randall P.; Hozeski, Kenneth W.; and Karrip, Alex, to Steelcase Inc. Chair. 277,525, 2-12-85, Cl. D6-366.000.
- Buhl Industries, Inc.: *See—*
  - DeLongis, Vincent E.; and Kyhl, Henry, 281,506, Cl. D16-24.000.
- Bulgari, Gianni, to Ditta Sotirio Bulgari di Constantino e Giorgio Bulgari S.A. Letter opener. 280,798, 10-1-85, Cl. D8-102.000.
- Bulgari, Gianni, to Ditta Sotirio Bulgari di Constantino e Giorgio Bulgari S.A. Link for jewelry chain. 281,405, 11-19-85, Cl. D11-93.000.

- Bulgari, Marina, to Zoldia Anstalt. Bracelet or the like. 277,171, 1-15-85, Cl. D11-3.000.
- Bulgari, Marina, to Marina B. Creation S.A. Ashtray with fish-like pattern. 277,702, 2-19-85, Cl. D27-23.000.
- Bulgari, Marina, to Marina B. Creation S.A. Earclip. 278,805, 5-14-85, Cl. D11-40.000.
- Bulgari, Marina, to Marina B. Creation S.A. Earring. 279,082, 6-4-85, Cl. D11-43.000.
- Bulgari, Marina, to Marina B. Creation S.A. Necklace. 281,957, 12-31-85, Cl. D11-3.000.
- Bulone, Rego A., to Plastic Dress-Up Co. Riser for a trophy. 280,889, 10-8-85, Cl. D11-164.000.
- Bundschuh, Robert L. Trigger sprayer. 277,978, 3-12-85, Cl. D23-17.000.
- Bungerfeldt, Stefan: *See—*
  - Dalgren, Tomas; and Bungerfeldt, Stefan, 277,941, Cl. D10-83.000.
- Bunn-O-Matic Corporation: *See—*
  - Foley, Henry L., 280,377, Cl. D7-391.000.
- Burch, Jo E.: *See—*
  - Sherman, Benjamin; Burch, Jo E.; and Swan, Ralph M., 280,899, Cl. D14-109.000.
- Burch, Mark E.: *See—*
  - Hurley, Kenneth D., 277,948, Cl. D12-126.000.
- Burdick, Laura M. Combined shipping, storage and packaging container. 278,206, 4-2-85, Cl. D9-327.000.
- Burenga, Thomas I., to Worksaver, Inc. Mixer. 278,150, 3-26-85, Cl. D15-19.000.
- Burgess, John D.; and Taylor, Thomas E., to Acriform Engineering Inc. Bathtub. 278,929, 5-21-85, Cl. D23-56.000.
- Burin, Ralph R., to Wilton Enterprises, Inc. Dispensing funnel for melted candy. 279,068, 6-4-85, Cl. D7-312.000.
- Burke, Bradley: *See—*
  - Schosser, John F.; Gleason, Roger K.; Dole, Charles M.; Us, Max; and Burke, Bradley, 281,280, Cl. D26-46.000.
- Burke, Estill; and Whitney, Rolland L. Bird house. 281,026, 10-15-85, Cl. D30-3.000.
- Burke, Maurice: *See—*
  - Longley, Edward F.; and Burke, Maurice, 279,054, Cl. D6-362.000.
- Burket, Kenneth A.; and Koenig, Gerhard F., to Corning Glass Works. Shade or the like. 278,748, 5-7-85, Cl. D26-132.000.
- Burket, Kenneth A.; and Koenig, Gerhard F., to Corning Glass Works. Lamp chimney. 278,938, 5-21-85, Cl. D26-132.000.
- Burket, Kenneth A.; and Koenig, Gerhard F., to Corning Glass Works. Shade for light fixtures. 280,239, 8-20-85, Cl. D26-132.000.
- Burket, Kenneth A.; Koenig, Gerhard F.; and Maxwell, Richard L., Sr., to Corning Glass Works. Shade for light fixtures. 280,240, 8-20-85, Cl. D26-132.000.
- Burket, Kenneth A.; Koenig, Gerhard F.; and Moss, Jay, to Corning Glass Works. Chimney for light fixtures or the like. 280,241, 8-20-85, Cl. D26-132.000.
- Burket, Kenneth A.; Koenig, Gerhard F.; and Moss, Jay, to Corning Glass Works. Globe or the like. 280,242, 8-20-85, Cl. D26-134.000.
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- Burlington Furniture, Div. of Burlington Industries, Inc.: *See—*
  - West, Haywood L., 277,909, Cl. D6-507.000.
- Burlington Industries, Inc.: *See—*
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- Burnett, Kevin P.: *See—*
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  - Deeley, Frank; Deeley, Lawrence; and Burnett, Kevin P., 277,270, Cl. D11-158.000.
- Burnett, William R.: *See—*
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- Burns, Edward M. Stand for computer disks. 281,209, 11-5-85, Cl. D6-468.000.
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  - Bresie, Don A.; Burns, Jack M.; and Fowler, Donald W., 278,944, Cl. D34-28.000.
  - Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S., 280,093, Cl. D12-203.000.
- Burns, Michael D. Cigarette pack holder. 278,188, 4-2-85, Cl. D2-400.000.
- Burrington, George C.: *See—*
  - Moreiras, Luis; and Burrington, George C., 280,201, Cl. D15-123.000.
- Burris, Richard L.; and Stoner, Bill W., to George Mayer Manufacturing, Inc. Combined swing and plural shelf unit. 278,868, 5-21-85, Cl. D6-347.000.
- Burt, David A., to ITW Limited. Twisting fastener. 280,180, 8-20-85, Cl. D8-394.000.
- Burtoft, William K.: *See—*
  - Spreckelmeier, Lawrence E.; and Burtoft, William K., 279,501, Cl. D24-26.000.
- Burton, Robert W.; Crowley, Joseph C., Jr.; Davi, Richard A.; and Goertz, Albrecht, to Rolodex Corporation. Covered swivel card file. 280,423, 9-3-85, Cl. D19-76.000.
- Busch, Douglas I. Cover for a field camera focus plate. 280,105, 8-13-85, Cl. D16-38.000.
- Busche, William W.: *See—*
  - Manno, Joseph J.; Davis, David L.; Busche, William W.; Conley, Richard B.; Mleczko, Robert; and Brown, Craig F., 282,002, Cl. D24-8.000.
- Buscher, John H.; and Hoffman, Michael E., to Eastman Machine Company. Electrical connector. 281,416, 11-19-85, Cl. D13-24.000.
- Bush, William G.; and Iseman, Diane R., to Drackett Company, The. Air freshener. 281,102, 10-22-85, Cl. D23-150.000.
- Busse, Rido, to Soehnle-Waagen GmbH & Co. Household scale. 281,235, 11-5-85, Cl. D10-91.000.
- Busse, Rido, to Soehnle-Waagen GmbH & Co. Postage scale. 281,587, 12-3-85, Cl. D10-91.000.
- Bussey, Harry, Jr. Loose fill packing element. 281,308, 11-12-85, Cl. D9-456.000.
- Bustos, Jose N. S. Desk organizer with utility compartments. 277,969, 3-12-85, Cl. D19-75.000.
- Butler, Craig R.; and Scott, Ede. Record album opener. 281,141, 10-29-85, Cl. D8-98.000.
- Butler, Robert F.: *See—*
  - Steventon, Arnold R.; and Butler, Robert F., 281,940, Cl. D6-492.000.
- Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., to Spraying Systems Co. Combined cap and spray tip for spray nozzle assembly. 280,125, 8-13-85, Cl. D23-35.000.
- Butternut Electronics Co.: *See—*
  - Newcomb, Donald R., 277,483, Cl. D14-86.000.
- B.V. Machine-en Metaalwarenfabriek "Dremefa": *See—*
  - Drexler, Joannes H., 277,640, Cl. D8-88.000.
  - Drexler, Joannes H., 280,694, Cl. D8-88.000.
- Byar, Peter: *See—*
  - Bressler, Peter; and Byar, Peter, 278,831, Cl. D18-3.000.
- Byrd, Karl G., Sr. Decalomania or similar article. 278,545, 4-23-85, Cl. D20-11.000.
- Byrne, Philip J.; and Stege, John B. Computer work station. 281,382, 11-19-85, Cl. D6-474.000.
- C.A. Weismuller GmbH & Co.: *See—*
  - Nusse, Octavio, 281,415, Cl. D13-24.000.
- C. B. Fleet Company, Inc.: *See—*
  - Duffy, Brian F., 281,903, Cl. D24-21.000.
- C. Bruno & Son, Inc.: *See—*
  - Ireland, Roger B., 279,906, Cl. D17-22.000.
- C. F. Sauer Company, The: *See—*
  - Cleevely, Bruce T., 276,981, Cl. D9-449.000.
- C & K Systems Inc.: *See—*
  - Hall, Jack P.; and Kardel, Paul D., 281,765, Cl. D10-106.000.
- C. R. Bard, Inc.: *See—*
  - Robinson, Earl F., 279,669, Cl. D13-24.000.
- C. Reichert Optische Werke AG: *See—*
  - Hoelbl, Werner; Nyman, Georg N.; and Moser, Karl, 278,915, Cl. D16-131.000.
- C.S. di NOSENZO Oreste: *See—*
  - Nosenzo, Oreste G., 277,779, Cl. D23-97.000.
  - Nosenzo, Oreste G., 278,552, Cl. D23-97.000.
  - Nosenzo, Oreste G., 280,011, Cl. D23-97.000.
- Cable Electric Products, Inc.: *See—*
  - Schwartz, Frederic W., 278,212, Cl. D10-77.000.
  - Schwartz, Frederic W., 279,285, Cl. D13-30.000.
- Cafaro, John A.; and Palmer, Jerry P., to General Motors Corporation. Vehicle wheel. 277,661, 2-19-85, Cl. D12-211.000.
- Caffrey, Stephen F.: *See—*
  - Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 281,362, Cl. D32-50.000.
- Cafiero, Thomas A.; and Borkan, Florence, to Pharmacaps, Inc. Combined receptacle cap and capsule piercing device therefor. 278,034, 3-19-85, Cl. D9-437.000.
- Cafiero, Thomas A.; and Borkan, Florence, to Pharmacaps, Inc. Combined receptacle cap and capsule piercing device therefor. 281,583, 12-3-85, Cl. D9-437.000.
- Cafiero, Thomas A.: *See—*
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  - Borkan, Florence; and Cafiero, Thomas A., 281,582, Cl. D9-437.000.
- Cagle, Bunyan B. Fireplace cross-circulating air heater. 277,225, 1-15-85, Cl. D23-95.000.
- Cagney, Stanton M., to First National Precision Products, Inc. Vehicle warning light. 278,365, 4-9-85, Cl. D26-28.000.
- Cahn, Martin Z.: *See—*
  - Conn, Denson D., Sr.; and Cahn, Martin Z., 281,815, Cl. D24-36.000.
  - Conn, Denson D., Sr.; and Cahn, Martin Z., 281,816, Cl. D24-36.000.
- Cake, Marcus P.; Falter, Harry W.; Batchelor, Clement W.; and Guarini, Michael A., to Morrison-Knudsen Company, Inc. Combined hydrogen ignitor and housing for wall mounting. 280,926, 10-8-85, Cl. D23-127.000.
- Cal-Comp Electronice, Inc.: *See—*
  - Leung, Chee-Chun, 279,381, Cl. D18-2.000.
- Cal-Tuf Glass Corporation: *See—*
  - Farmer, Gary L.; and Leuder, Donald E., 281,052, Cl. D8-394.000.
  - Farmer, Gary L.; and Leuder, Donald E., 281,952, Cl. D8-394.000.
- Calabra, Daniel: *See—*
  - Peeler, Donald H.; and Calabra, Daniel, 278,937, Cl. D26-65.000.
  - Peeler, Donald H.; and Calabra, Daniel, 279,611, Cl. D26-65.000.

- **Calabro, Philip C.**, to Job, Inc. Playing card holder. 280,112, 8-13-85, Cl. D21-54.000.
- **Caldwell Corporation**: *See—*
  - Caldwell, Samuel C., 278,519, Cl. D10-114.000.
- **Caldwell, David H.; and Hurley, Robert M.**, to GTE Products Corporation. Lamp bulb packaging container. 279,655, 7-16-85, Cl. D9-418.000.
- **Caldwell, John W.**, to Pacific Furniture Mfg. Co. Seat. 277,341, 1-29-85, Cl. D6-366.000.
- **Caldwell, John W.** Projection television receiver. 281,424, 11-19-85, Cl. D14-83.000.
- **Caldwell, Samuel C.**, to Caldwell Corporation. Safety light. 278,519, 4-23-85, Cl. D10-114.000.
- **Call, Daniel D.**, to Oy Fiskars AB. Dual knife sharpener with dual handle. 277,166, 1-15-85, Cl. D8-93.000.
- **Callaghan, Paulette.** Women's pants or the like. 281,828, 12-24-85, Cl. D2-28.000.
- **Callas, Michael T.**: *See—*
  - Grammas, Nick G.; and Callas, Michael T., 277,738, Cl. D10-109.000.
  - Grammas, Nick G.; and Callas, Michael T., 277,739, Cl. D10-109.000.
- **Callies, Roger**: *See—*
  - Zastera, Stephen R.; and Callies, Roger, 279,736, Cl. D6-400.000.
- **Calnetics Corporation**: *See—*
  - Hornak, Michael A., 278,651, Cl. D23-40.000.
- **Calor S.A.**: *See—*
  - Brun, Serge, 277,233, Cl. D24-26.000.
- **Calumet Manufacturing Co.**: *See—*
  - Seager, Richard H., 278,751, Cl. D28-76.000.
- **Cambria, Emanuel F.**, to Hurst Performance, Inc. Shift control lever unit. 281,409, 11-19-85, Cl. D12-179.000.
- **Camens, Murray I. C.**, to U.S. Philips Corporation. Blood pressure meter. 280,017, 8-6-85, Cl. D24-17.000.
- **Camino Laboratories**: *See—*
  - Knute, Wallace L., 277,267, Cl. D10-60.000.
  - Knute, Wallace L., 277,938, Cl. D10-60.000.
  - Sato, Stephens N., 277,832, Cl. D10-60.000.
- **Camp International, Inc.**: *See—*
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- **Campbell, Bobby J.**: *See—*
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- **Campbell, Frank P.** Adjustable auxiliary closet rod unit. 277,349, 1-29-85, Cl. D6-513.000.
- **Campbell, G. Edward; and Beaver, Theodore L.**, to Chlorox Company, The. Bottle. 280,602, 9-17-85, Cl. D9-376.000.
- **Campbell, John S.; Engstrom, John G.; McGarvey, John N.; and Zambelli, Michael P.**, to AT&T Bell Laboratories. Portable transmitter. 280,896, 10-8-85, Cl. D14-95.000.
- **Campbell, Kenneth S.**: *See—*
  - Dresselhaus, William F.; Campbell, Kenneth S.; Twyman, Clive R.; and Dayton, Douglas C., 277,673, Cl. D14-106.000.
- **Campbell, Paul R.; Dilgard, Robert E., Jr.; and O'Neil, William J., Jr.**, to Procter & Gamble Company, The. Jar. 277,550, 2-12-85, Cl. D9-349.000.
- **Campbell, Robert B.; and Landau, Junichi P.**, to BBC International, Ltd. Sport shoe. 281,115, 10-29-85, Cl. D2-309.000.
- **Campbell, Robert B.; and Landau, Junichi P.**, to BBC International, Ltd. Sport shoe. 281,285, 11-12-85, Cl. D2-309.000.
- **Campbell Soup Company**: *See—*
  - Terwilliger, Frank H., 277,965, Cl. D15-90.000.
- **Campbell, William J.; and Diaz, Gerard**, to Technical Support Services, Inc. Shelf. 281,040, 10-22-85, Cl. D6-574.000.
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  - Baylor, Charles R.; and Cannon, Curtis, 277,158, Cl. D6-596.000.
- **Canon Kabushiki Kaisha**: *See—*
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  - Kadota, Toshihiko, 280,630, Cl. D16-30.000.
  - Kando, Masahiro, 281,330, Cl. D18-12.000.
  - Kikuchi, Nobuo; and Fushimoto, Hideo, 279,107, Cl. D18-7.000.
  - Kikuchi, Nobuo; and Fushimoto, Hideo, 279,112, Cl. D18-12.000.
  - Masaki, Nobuo, 278,246, Cl. D16-31.000.
  - Nibley, Richard; and Miyagawa, Akira, 280,913, Cl. D18-22.000.
  - Nibley, Richard; and Kondo, Hiroatsu, 281,255, Cl. D18-12.000.
  - Nibley, Richard; and Nagashima, Masasumi, 281,331, Cl. D18-12.000.
  - Nibley, Richard; and Nagashima, Masasumi, 281,332, Cl. D18-12.000.
  - Nibley, Richard; and Miyagawa, Akira, 281,333, Cl. D18-22.000.
  - Sugiyama, Masako, 280,530, Cl. D19-60.000.
- **Cantonis, Carl G.** Note pad holder. 278,639, 4-30-85, Cl. D19-28.000.
- **Cantor, Alicia.** Diet plate. 281,849, 12-24-85, Cl. D7-27.000.
- **Canyon Corporation**: *See—*
  - Tada, Tetsuya, 277,361, Cl. D9-355.000.
  - Tada, Tetsuya, 278,127, Cl. D9-434.000.
  - Tada, Tetsuya, 279,166, Cl. D9-300.000.
- **Caplygin, Dimitri**, to Girlock Limited. Disc brake pad unit. 277,093, 1-8-85, Cl. D12-180.000.
- **Caplygin, Dimitri**, to Girlock Limited. Disc brake pad unit. 277,175, 1-15-85, Cl. D12-180.000.
- **CAPS Industries**: *See—*
  - Gordon, F. Scott; Fender, Derek H.; and Dolan, Michael J., 278,345, Cl. D15-199.000.
- **Car Mate Mfg. Co., Ltd.**: *See—*
  - Oba, Mikio; and Sakai, Kazumi, 281,820, Cl. D26-43.000.
- **Carbajales Santa-Eulalia, Javier B.**: *See—*
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 277,560, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 278,421, Cl. D11-162.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 278,991, Cl. D11-162.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,659, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,774, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,889, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,967, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,968, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,969, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,970, Cl. D11-162.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 280,190, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 280,191, Cl. D11-159.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 281,868, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a spaniel dog. 277,560, 2-12-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a quail. 278,421, 4-16-85, Cl. D11-162.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a goose. 278,991, 5-28-85, Cl. D11-162.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a wolf. 279,659, 7-16-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of an armadillo. 279,774, 7-23-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a tree frog. 279,889, 7-30-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a water buffalo. 279,967, 8-6-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a lemur monkey. 279,968, 8-6-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a big horn sheep. 279,969, 8-6-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of an ostrich. 279,970, 8-6-85, Cl. D11-162.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a baby orca. 280,190, 8-20-85, Cl. D11-158.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a rising unicorn. 280,191, 8-20-85, Cl. D11-159.000.
- **Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B.**, to John J. Madison Company, Inc. Figurine of a wild rabbit. 281,868, 12-24-85, Cl. D11-158.000.
- **Carey, Bruce P.**, to Integrated Ceilings, Inc. Column enclosure. 279,608, 7-9-85, Cl. D25-77.000.
- **Cargile, John W., Jr.**, to Container Corporation of America. Outdoor birdfeeder. 278,169, 3-26-85, Cl. D30-15.000.
- **Carignan, Robert L.; Effler, Timothy; and Holden, John E.** Toy take-apart engine. 278,163, 3-26-85, Cl. D21-125.000.
- **Carignan, Roger G.**: *See—*
  - Pratt, Clyde R.; and Carignan, Roger G., 280,550, Cl. D24-27.000.
  - Pratt, Clyde R.; and Carignan, Roger G., 281,814, Cl. D24-27.000.
- **Carl Manufacturing Co., Ltd.**: *See—*
  - Mori, Chuzo, 279,798, Cl. D19-72.000.
- **Carlisle Corporation**: *See—*
  - Freeman, Bruce A., 279,651, Cl. D9-352.000.
- **Carlisle, Floyd L.**, to Theratronics, Inc. Muscle stimulator. 280,341, 8-27-85, Cl. D24-36.000.
- **Carlo Reggiani S.p.A.**: *See—*
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- **Carlsen, Soren**: *See—*
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- **Carlson, Ann**, to Carlson Dolls Co. Indian chief doll. 280,535, 9-10-85, Cl. D21-182.000.
- **Carlson, Ann**, to Carlson Dolls Co. Indian princess doll. 280,536, 9-10-85, Cl. D21-182.000.
- **Carlson, Arthur R.**, to Brian Davis and Company Proprietary Limited. Watering can. 279,210, 6-11-85, Cl. D23-11.000.
- **Carlson, Arthur R.**, to Brian Davis and Company Proprietary Limited. Watering can. 279,211, 6-11-85, Cl. D23-11.000.
- **Carlson, Arthur R.**, to Brian Davis and Company Proprietary Limited. Watering can. 279,212, 6-11-85, Cl. D23-11.000.

Carlson, Arthur R., to Brian Davis and Company Proprietary Limited. Food container with press-in lid. 280,058, 8-13-85, Cl. D7-16.000.
Carlson, Arthur R. Water level float for use in planters. 281,869, 12-24-85, Cl. D11-164.000.
Carlson, Arthur R. Water level float for use in planters. 281,960, 12-31-85, Cl. D11-164.000.
Carlson, Casey, to Chicago Cutlery Consumer Products, Inc. Knife block. 280,587, 9-17-85, Cl. D7-74.000.
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  Carlson, Ann, 280,536, Cl. D21-182.000.
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Carney, Jody E. Baby sling and harness for infants with gastro-esophageal reflux. 281,833, 12-24-85, Cl. D3-31.000.
Caroselli, Lee R. Sign board. 278,725, 5-7-85, Cl. D20-42.000.
Carousel Group, Inc., The: *See—*
  Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 278,113, Cl. D7-27.000.
  Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 278,114, Cl. D7-38.000.
  Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 280,965, Cl. D7-81.000.
  Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 280,966, Cl. D7-81.000.
Carpel, Emmett F. Multiple nipple pacifier. 279,218, 6-11-85, Cl. D24-46.000.
Carpenter, Beverly J.; and Carpenter, William R. Coupon file receptacle. 281,614, 12-3-85, Cl. D19-90.000.
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  Hoyle, Walter W., 278,848, Cl. D23-144.000.
  Yamamoto, Kentaro, 277,309, Cl. D23-141.000.
Carrol, Alan, to Trenchbond Limited. Magnetizable rotor for liquid treatment apparatus. 281,722, 12-10-85, Cl. D24-29.000.
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Carter, Howard B.; and Hughes, Larry, to Bonar Rosedale Plastics Ltd. Collapsible shipping container. 277,042, 1-1-85, Cl. D34-40.000.
Carter, Randy E.; and Schmidt, Ernst R. Refrigerator door panel with eye-level controls. 281,883, 12-24-85, Cl. D15-91.000.
Carter, Roland, to Erwin-Lambeth, Inc. Chair. 281,655, 12-10-85, Cl. D6-334.000.
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  Bromley, R. Scott, 279,633, Cl. D6-480.000.
  Bromley, R. Scott, 279,637, Cl. D6-511.000.
  Bromley, R. Scott, 279,741, Cl. D6-480.000.
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  Bromley, R. Scott, 280,166, Cl. D6-511.000.
  Bromley, R. Scott, 280,480, Cl. D6-559.000.
Cartwright, Jerry G., to Wesco Manufacturing, Inc. Rotating tool storage cabinet with shelves. 277,440, 2-5-85, Cl. D6-476.000.
Cartwright, Jerry G., to Wesco Manufacturing, Inc. Rotating tool storage cabinet. 281,558, 12-3-85, Cl. D6-469.000.
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Case, Robert, to Atlantic Richfield Company. Automated credit card terminal enclosure for vehicle service stations. 279,566, 7-9-85, Cl. D14-102.000.
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Cashmere, Raymond A., to Luckit Pty. Limited. Toboggan. 280,308, 8-27-85, Cl. D12-11.000.
Casimiro, A. Robert; and Wallet, Bill J., to Firestone Tire & Rubber Company, The. Tire tread and buttress. 277,174, 1-15-85, Cl. D12-142.000.
Cass, George R. Boxing glove. 277,238, 1-22-85, Cl. D2-361.000.
Cassai, Gino H.; and Cassai, Henry J. Cosmetic nail enamel guide applicator. 277,035, 1-1-85, Cl. D28-7.000.
Cassai, Gino H.; and Cassai, Henry J. Combined cosmetic container and applicator cap. 280,135, 8-13-85, Cl. D28-7.000.
Cassai, Gino H.: *See—*
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  Cassai, Henry J.; and Cassai, Gino H., 279,132, Cl. D28-7.000.
  Cassai, Henry J.; and Cassai, Gino H., 281,307, Cl. D9-443.000.
Cassai, Henry J.; and Cassai, Gino H. Bottle. 278,208, 4-2-85, Cl. D9-352.000.
Cassai, Henry J.; and Cassai, Gino H. Adjustable cosmetic applicator. 279,132, 6-4-85, Cl. D28-7.000.
Cassai, Henry J.; and Cassai, Gino H. Bottle cap. 281,307, 11-12-85, Cl. D9-443.000.
Cassai, Henry J.: *See—*
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  Cassai, Gino H.; and Cassai, Henry J., 280,135, Cl. D28-7.000.
Cassaro, Michael J. Toy doll. 280,534, 9-10-85, Cl. D21-168.000.
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  Ballarini, Luciano, 279,947, Cl. D6-501.000.
Castle, Rhett. Coaster. 280,916, 10-8-85, Cl. D21-71.000.
Casull, Richard J. Belt buckle. 280,464, 9-10-85, Cl. D2-431.000.
Catelli, Pietro, to Artsana S.p.A. Toy cash register. 279,204, 6-11-85, Cl. D21-124.000.
Catelli, Pietro, to Artsana S.p.A. Toy typewriter. 279,205, 6-11-85, Cl. D21-127.000.
Catelli, Pietro, to Artsana S.p.A. Toy xylophone. 280,915, 10-8-85, Cl. D21-64.000.
Catelli, Pietro, to Artsana S.p.A. Toy safe. 281,368, 11-12-85, Cl. D99-35.000.
Catelli, Pietro, to Artsana S.p.A. Toy bus. 281,987, 12-31-85, Cl. D21-140.000.
Catford, Jocelyn D., to Catford, Jocelyn David. Powered golf cart. 280,943, 10-8-85, Cl. D34-15.000.
Catford, Jocelyn David: *See—*
  Catford, Jocelyn D., 280,943, Cl. D34-15.000.
Cathey, Wayne C., to Xerox Corporation. Electronic typewriter. 277,870, 3-5-85, Cl. D18-1.000.
Catlett, Doyle, to Starsearch, Ltd. Mobile antenna transport trailer. 281,150, 10-29-85, Cl. D12-101.000.
Caton, Robert W.: *See—*
  Eckstedt, Paul D.; and Caton, Robert W., 278,427, Cl. D13-12.000.
  Eckstedt, Paul D.; and Caton, Robert W., 278,998, Cl. D13-35.000.
Causey, Charles E.: *See—*
  Arnold, William D.; and Causey, Charles E., 276,967, Cl. D6-327.000.
Cavalla, Inc.: *See—*
  Pisani, Arthur; and Pisani, Robert, 278,750, Cl. D28-4.000.
Caven, Terence T., to Plessey Overseas Limited. Electronic equipment container. 276,998, 1-1-85, Cl. D13-40.000.
Caven, Terence T., to Plessey Overseas Limited. Keyboard for a data terminal. 278,339, 4-9-85, Cl. D14-100.000.
Caven, Terence T., to Plessey Overseas Limited. Console for a data terminal. 278,536, 4-23-85, Cl. D14-106.000.
Cavnar, Kathryn A., to CPG Products Corp. Toy doll house. 280,999, 10-15-85, Cl. D21-115.000.
Cazier, Monty N. Insect cage. 281,283, 11-5-85, Cl. D30-1.000.
CBS Inc.: *See—*
  Tilbor, Neil, 281,177, Cl. D21-17.000.
Cebula, Jerome J. Glass eye for taxidermy. 277,606, 2-12-85, Cl. D24-33.000.
Celebrity China Company: *See—*
  McCluhan, Darrell, 278,494, Cl. D6-436.000.
Cellini, Vito. Barrel for firearms. 279,812, 7-23-85, Cl. D22-7.000.
Cellini, Vito. Combined recoil reducer and flame suppressor for firearms. 280,655, 9-17-85, Cl. D22-7.000.
Cellini, Vito. Pistol machine gun or the like. 281,993, 12-31-85, Cl. D22-6.000.
Cendres et Metaux S.A.: *See—*
  Wermuth, Walter, 282,003, Cl. D24-10.000.
Cenefels, Jaime F., to Raivi S.A. Heating plate. 281,526, 11-26-85, Cl. D23-123.000.
Center for Design Research and Development N.V.: *See—*
  Ambasz, Emilio; and Piretti, Giancarlo, 281,941, Cl. D6-502.000.
Central Koyo Co., Ltd.: *See—*
  Takahashi, Mitsuo, 278,745, Cl. D24-13.000.
Central States Concrete Products, Inc.: *See—*
  Provan, William R.; and Allard, Douglas P., 280,126, Cl. D23-45.000.
Centrale Vinicole Lyonnaise: *See—*
  Berard, Philippe, 281,668, Cl. D9-322.000.
Century Boat Company: *See—*
  Hegg, Allan B.; Makowski, Lloyd S.; and Phares, James S., 280,808, Cl. D12-314.000.
Century International Corp.: *See—*
  Ingermann, Donald E.; Smith, Ronald L.; Knoll, Jimmie L.; Caffrey, Stephen F.; Barsi, Endre; and Dechant, Joseph C., 281,362, Cl. D32-50.000.
Century Mfg. Co.: *See—*
  Bouman, Mark H., 280,329, Cl. D15-144.000.
Century Wire Gehr Industries, Inc.: *See—*
  Gehr, Norbert; and Hope, Michael J., 277,370, Cl. D13-29.000.

Ceradelli, Vittorio; Genaro, Donald M.; and Kelly, Thomas J., to AT&T Information Systems Inc. Video monitor. 279,010, 5-28-85, Cl. D14-113.000.

Ceraulo, Salvatore M. Packaging container. 278,596, 4-30-85, Cl. D9-341.000.

Cerberus AG: *See—*
- Kahl, William G., Jr.; and Avery, Ronald G., 277,652, Cl. D10-106.000.

Cerberus A.G.: *See—*
- Meier, Otto; and Huber, Felix, 278,332, Cl. D13-35.000.
- Meier, Otto; and Huber, Felix, 280,502, Cl. D13-35.000.

Cernansky, Joseph S.: *See—*
- Rudell, Elliot A.; Shumate, Michael E.; Cernansky, Joseph S.; and Kamrath, Richard P., 281,964, Cl. D12-111.000.
- Rudell, Elliot A.; Shumate, Michael E.; Cernansky, Joseph S.; and Kamrath, Richard P., 281,965, Cl. D12-113.000.

Certech Incorporated: *See—*
- Uram, Stuart Z., 279,379, Cl. D15-138.000.
- Uram, Stuart Z.; and Fischman, Jerome, 280,627, Cl. D15-135.000.

Cervero, Paul M., to Ex-Cell-O Corporation. Word processor console cabinet. 280,684, 9-24-85, Cl. D6-422.000.

Cerwin-Vega, Inc.: *See—*
- Buck, Marshall D., 278,432, Cl. D14-39.000.

Cesarczyk, Edward J.: *See—*
- Dillon, Richard R.; Kmetz, David G.; and Cesarczyk, Edward J., 280,198, Cl. D14-100.000.

Cesaroni, William C., to Dart Industries Inc. Handle. 277,257, 1-22-85, Cl. D7-394.000.

Cesaroni, William C., to Dart Industries Inc. Electric skillet. 278,403, 4-16-85, Cl. D7-360.000.

Cesaroni, William C.; and Rauen, Robert P., to Dart Industries Inc. Container lid. 279,758, 7-23-85, Cl. D7-391.000.

Cesaroni, William C.; and Rauen, Robert P., to Dart Industries Inc. Container lid. 279,759, 7-23-85, Cl. D7-391.000.

Cesaroni, William C., to Dart Industries Inc. Apparatus for popping corn. 280,062, 8-13-85, Cl. D7-325.000.

Cesaroni, William C., to Dart Industries Inc. Apparatus for popping corn. 280,174, 8-20-85, Cl. D7-325.000.

Cesaroni, William C.; and Rauen, Robert P., to Dart Industries Inc. Combined casserole with reversible cover. 281,050, 10-22-85, Cl. D7-360.000.

Cesaroni, William C., to Dart Industries Inc. Apparatus for popping corn. 281,137, 10-29-85, Cl. D7-325.000.

Chabanet, Jean P., to Allibert S.A. Wall mounted mirrored cabinet. 280,876, 10-8-85, Cl. D6-559.000.

Chabanet, Jean P., to Allibert S.A. Wall mounted mirrored cabinet. 280,877, 10-8-85, Cl. D6-561.000.

Chabot, Jean-Marie, to Les Industries Provinciales Ltee. Bottle carrier. 277,554, 2-12-85, Cl. D9-434.000.

Chabot, Jean-Marie, to Les Industries Provinciales Ltee. Tote box. 277,797, 2-26-85, Cl. D34-40.000.

Chachowski, Rosemary K.: *See—*
- Savitz, Steven R.; Hawk, Johnna B.; Graham, Henry A., Jr.; and Chachowski, Rosemary K., 278,653, Cl. D24-22.000.

Chadiam Diamond Mfg., Inc.: *See—*
- Nejman, Daniel, 278,418, Cl. D11-90.000.

Chadwick Management Services Pty. Limited: *See—*
- Thomas, Norman I.; and Ilgoutz, Gunther, 281,106, Cl. D25-68.000.

Chairmakers, Inc.: *See—*
- Williams, David P. G., 280,269, Cl. D6-379.000.

Chalberg, Philip E. Pump support bracket for a jetted whirlpool bath. 280,800, 10-1-85, Cl. D8-380.000.

Chalfin, Lawrence M.: *See—*
- Albanese, Anthony F.; Chalfin, Samuel; and Chalfin, Lawrence M., 278,192, Cl. D6-379.000.

Chalfin, Samuel: *See—*
- Albanese, Anthony F.; Chalfin, Samuel; and Chalfin, Lawrence M., 278,192, Cl. D6-379.000.

Chamberlain, Edward; Hardy, Tommy R.; Leon, Nicholas M.; Mendel, Peter J.; and Sharp, Michael H., to International Business Machines Corporation. Keyboard enclosure for a personal computer or the like. 278,063, 3-19-85, Cl. D14-100.000.

Chamberlin, Alva S., to Murphy, James G. Cowperson croquet wicket. 279,594, 7-9-85, Cl. D21-202.000.

Champion International Corporation: *See—*
- Benham, Albert A., 278,125, Cl. D9-418.000.
- Benham, Albert A., 278,126, Cl. D9-418.000.

Chan, Bing Y., to Goodway Electrical Company Ltd. Iron. 279,416, 6-25-85, Cl. D32-69.000.

Chan, David M. F.; and Chan, Michael L. F. Suspended holder for plants, candles or the like. 277,247, 1-22-85, Cl. D6-405.000.

Chan, David M. F.; and Chan, Michael L. F. Suspended holder for plants, candles or the like. 277,435, 2-5-85, Cl. D6-403.000.

Chan, David M. F.; and Chan, Michael L. F. Suspended holder for plants, candles or the like. 278,008, 3-19-85, Cl. D6-514.000.

Chan, Eric P. P.; Galloway, Ronny N.; Johnson, Chris G.; and Sylvester, Gordon E., to AT&T Information Systems Inc. Communication apparatus enclosure. 281,160, 10-29-85, Cl. D14-52.000.

Chan, Eric P. P.: *See—*
- Bhat, Ghanshyam A.; Chan, Eric P. P.; Lamancusa, John S.; Sylvester, Gordon E.; and Varela, Jose R., 277,666, Cl. D14-63.000.
- Bhat, Ghanshyam A.; Chan, Eric P. P.; Lamancusa, John S.; Sylvester, Gordon E.; and Varela, Jose R., 279,289, Cl. D14-60.000.

Chan-Foun, Lee. Brush for cleaning venetian blind. 281,467, 11-26-85, Cl. D4-119.000.

Chan, Michael L. F.: *See—*
- Chan, David M. F.; and Chan, Michael L. F., 277,247, Cl. D6-405.000.
- Chan, David M. F.; and Chan, Michael L. F., 277,435, Cl. D6-403.000.
- Chan, David M. F.; and Chan, Michael L. F., 278,008, Cl. D6-514.000.

Chan, Ming K. Gas barbecue. 281,944, 12-31-85, Cl. D7-332.000.

Chan, Peter. Combined residential control console, control slave unit and wall switch for the remote control of lights and appliances. 278,142, 3-26-85, Cl. D13-32.000.

Chandler, Thomas B. Electronic scale for measuring golf club parameters. 281,586, 12-3-85, Cl. D10-91.000.

Chaney, David B.; and Duwell, Michael J., to Shopsmith, Inc. Push block for use in guiding work pieces during cutting operations. 278,790, 5-14-85, Cl. D8-14.000.

Chang, Shu-Fen. Electric fan. 281,352, 11-12-85, Cl. D23-155.000.

Channel-Kor Systems Inc.: *See—*
- Miller, Melvin M., 277,533, Cl. D6-470.000.

Chap, John P., to Selfix, Inc. Hanger bracket and hook therefor. 279,450, 7-2-85, Cl. D8-363.000.

Chap, John P., to Selfix, Inc. Hanger bracket and hook therefor. 281,575, 12-3-85, Cl. D8-363.000.

Chaplin, John B., to Textron Inc. Surface effect ship. 276,986, 1-1-85, Cl. D12-5.000.

Chaplin, John B., to Textron Inc. Surface effect ship. 277,657, 2-19-85, Cl. D12-5.000.

Chapman, Glen D. Toilet seat for infants. 281,193, 10-29-85, Cl. D23-53.000.

Chapman, Scott T., to Bivouac Industries, Inc. Pick-up truck tonneau cover. 281,487, 11-26-85, Cl. D12-156.000.

Charcoal Service Corporation: *See—*
- Cherry, John L., 278,553, Cl. D23-149.000.

Chas. "Robby" Robinson Enterprises, Inc.: *See—*
- Starzec, Edward M., 277,903, Cl. D3-36.000.

Charlestein, Morton: *See—*
- Werrin, Samuel R., 277,605, Cl. D24-16.000.

Charvoz-Carsen Corporation: *See—*
- Bernard, Claude, 277,250, Cl. D6-420.000.

Chatani, Yasushi; and Tsuchikura, Toshio, to Kawada Co., Ltd. Toy block. 277,686, 2-19-85, Cl. D21-108.000.

Chatani, Yasushi, to Kawada Co., Ltd. Activity toy. 277,877, 3-5-85, Cl. D21-59.000.

Chatani, Yasushi, to Kawada Co., Ltd. Activity toy. 277,878, 3-5-85, Cl. D21-59.000.

Chatham, Richard W. Compartmented tray for drafting supplies. 280,741, 9-24-85, Cl. D19-77.000.

Chatten, Victor H. Novelty clock. 278,129, 3-26-85, Cl. D10-6.000.

Chaussures Mephisto S.A.: *See—*
- Michaeli, Martin, 278,185, Cl. D2-314.000.
- Michaeli, Martin, 278,186, Cl. D2-314.000.
- Michaeli, Martin, 278,383, Cl. D2-320.000.
- Michaeli, Martin, 278,758, Cl. D2-314.000.
- Michaeli, Martin, 278,850, Cl. D2-314.000.
- Michaeli, Martin, 278,852, Cl. D2-320.000.

Cheek, Cecil R.: *See—*
- Davenport, Robert M.; and Cheek, Cecil R., 279,408, Cl. D25-25.000.

Chemical New York Corporation: *See—*
- Losi, Paul F., 281,921, Cl. D99-28.000.

Chen, Anthony B.; Harte, Richard A.; and Kaufman, Nancy K., to Daryl Laboratories, Inc. Immunoassay test slide. 279,817, 7-23-85, Cl. D24-29.000.

Chen, Cheng C. Necktie. 277,617, 2-19-85, Cl. D2-354.000.

Chen, James, to Volta Industrial Co., Ltd. Thong sandal. 278,946, 5-28-85, Cl. D2-270.000.

Chen, Lin-Fu. Computerized measuring machine for weight, height and temperature. 281,677, 12-10-85, Cl. D10-88.000.

Chen, Ming-Ter. Plate or the like. 277,065, 1-8-85, Cl. D7-36.000.

Chen, Ming-Ter. Plate or the like. 278,297, 4-9-85, Cl. D7-24.000.

Chen, Ruey Z. Drilling machine. 277,865, 3-5-85, Cl. D15-132.000.

Chen, Ruey Z. Drill press. 280,626, 9-17-85, Cl. D15-132.000.

Chen, Tung S. Housing for a telephone set. 281,496, 11-26-85, Cl. D14-53.000.

Chen, York, to Y. Chen & Co., Ltd. Golf shoe sole. 278,382, 4-16-85, Cl. D2-320.000.

Cheng, Jung-Tsung; and Lee, Alan Y. T. Adjustable holder for flowers, plants or the like. 280,395, 9-3-85, Cl. D11-146.000.

Cherington, Floyd E.; Adams, Charles W.; and Mullen, James J., to Lennox Industries, Inc. Furnace combustion chamber. 279,703, 7-16-85, Cl. D23-127.000.

Cherry, John L., to Charcoal Service Corporation. High-efficient charcoal filter or the like. 278,553, 4-23-85, Cl. D23-149.000.

Chesebrough-Pond's Inc.: *See—*
- Helfer, Joel N., 281,011, Cl. D24-17.000.

Chestnut, M. Gaines. Aquarium gravel cleaner. 282,016, 12-31-85, Cl. D30-12.000.

Cheung, Kwok K., to Wai Hing Industrial Manufacturing Factory. Vanity mirror with hinged cover for attachment to the sun visor of an automobile. 278,996, 5-28-85, Cl. D12-191.000.

Chevassus, Alain, to Lefebure Isolants Reunis. Cosmetic box. 277,896, 3-5-85, Cl. D28-78.000.

Chevassus, Alain, to Lefebure Isolants Reunis. Cosmetic box. 279,225, 6-11-85, Cl. D28-83.000.

- Chevron Research Company: *See—*
  - Gunzel, Rudolph M., Jr.; Hale, Thomas K.; and Shimano, Moto, 281,899, Cl. D23-18.000.
  - Gunzel, Rudolph M., Jr.; Hale, Thomas K.; and Shimano, Moto, 281,900, Cl. D23-18.000.
  - Thomas, Elmer L., 277,853, Cl. D14-13.000.
- Chi Hung, Danny C., to Dah Sun Electronics Company Limited. Calculator clip. 279,197, 6-11-85, Cl. D18-2.000.
- Chiba, Noboru: *See—*
  - Hashimoto, Kazunori; Iwasaki, Masakatu; and Chiba, Noboru, 277,849, Cl. D14-2.000.
- Chicago Cutlery Consumer Products, Inc.: *See—*
  - Carlson, Casey, 280,587, Cl. D7-74.000.
  - Gangelhoff, Ronald J.; Kohler, Ray A.; and Sexton, Lee, 279,447, Cl. D7-151.000.
  - Gangelhoff, Ronald J.; Jacobi, Robert L.; Peters, William; and Pashley, Robert, 281,566, Cl. D7-46.000.
- Chicago Show Printing Co.: *See—*
  - Barnett, Earl D., 279,636, Cl. D6-509.000.
  - Barnett, Earl D., 280,771, Cl. D34-22.000.
- Chien, Edward H., to Ooh La La!, Inc. Jewelry pin. 277,466, 2-5-85, Cl. D11-41.000.
- Chikamatsu, Eiko: *See—*
  - Kurata, Hideaki; Mikami, Kumio; Matsushima, Hiroshi; Wada, Isao; and Chikamatsu, Eiko, 281,877, Cl. D14-6.000.
- Child, Francis W., to Child Laboratories Inc. Teat implant. 279,707, 7-16-85, Cl. D24-23.000.
- Child, Francis W., to Child Laboratories Inc. Teat implant. 279,708, 7-16-85, Cl. D24-23.000.
- Child Laboratories Inc.: *See—*
  - Child, Francis W., 279,707, Cl. D24-23.000.
  - Child, Francis W., 279,708, Cl. D24-23.000.
- Childerhose, John V.; Holmquist, John R.; and Dittmer, Jay R., to Purex Corporation. Bottle. 279,652, 7-16-85, Cl. D9-378.000.
- Childers Corporation: *See—*
  - Childers, Roger K., 279,792, Cl. D18-3.000.
  - Childers, Roger K., 279,793, Cl. D18-3.000.
  - Childers, Roger K., 279,794, Cl. D18-3.000.
- Childers, Roger K., to Childers Corporation. Coin-sorting and counting machine. 279,792, 7-23-85, Cl. D18-3.000.
- Childers, Roger K., to Childers Corporation. Coin-sorting and counting machine. 279,793, 7-23-85, Cl. D18-3.000
- Childers, Roger K., to Childers Corporation. Coin-sorting and counting machine. 279,794, 7-23-85, Cl. D18-3.000.
- Chiodo, Daniel J.; Pardon, Barry; and Verga, Joseph, to General Electric Company. Multiple battery charger. 278,702, 5-7-85, Cl. D13-5.000.
- Chiodo, Daniel J.; Pardon, Barry; and Verga, Joseph, to General Electric Company. Multiple battery charger. 278,703, 5-7-85, Cl. D13-5.000.
- Chipman-Union, Inc.: *See—*
  - Keenan, Paul B.; and Fisher, Barry T., 281,468, Cl. D6-317.000.
- Chisholm, Lentheus A. Dome-shaped ice cream sandwich. 277,804, 3-5-85, Cl. D1-101.000.
- Chiu, Lawrence L., to Joiner Electric Products Company Ltd. Vacuum cleaner. 278,942, 5-21-85, Cl. D32-18.000.
- Chlorox Company, The: *See—*
  - Campbell, G. Edward; and Beaver, Theodore L., 280,602, Cl. D9-376.000.
- Cho, Joong H. Bottle cap for edible oil. 278,414, 4-16-85, Cl. D9-446.000.
- Cho, Joong H. Bottle cap for edible oil. 280,802, 10-1-85, Cl. D9-446.000.
- Choi, Jong S., to Gold Star Company, Ltd. Microwave oven. 280,063, 8-13-85, Cl. D7-351.000.
- Choi, Jong S., to Gold Star Company, Ltd. Microwave oven. 280,878, 10-8-85, Cl. D7-351.000.
- Chow, Ivan. Can opener. 277,926, 3-12-85, Cl. D8-41.000.
- Chrisdon, Inc.: *See—*
  - Pfeiffer, Harry J., Jr., 281,682, Cl. D13-25.000.
- Christ, Allen E.: *See—*
  - Arrington, Galen C.; Christ, Allen E.; Keller, Theodore W.; and Eichhorn, Clark W., 279,371, Cl. D14-16.000.
- Christea, Liviu. Broiling grill. 279,071, 6-4-85, Cl. D7-359.000.
- Christen, Michael E. Jewelry box or similar article. 277,340, 1-29-85, Cl. D3-75.000.
- Christensen, James M.: *See—*
  - Lawrence, Bruce R.; and Christensen, James M., 277,509, Cl. D24-33.000.
  - Sgarlato, Thomas E.; and Christensen, James M., 277,784, Cl. D24-33.000.
- Christian, Francis R., to Merit Company, The. Casket corner plate. 278,174, 3-26-85, Cl. D99-13.000.
- Christie, Cornelius W., to SCM Corporation. Typewriter. 281,253, 11-5-85, Cl. D18-1.000.
- Chrones, Anthony, to Gerber Products Company. Child's musical mobile music box cover. 281,433, 11-19-85, Cl. D17-24.000.
- Chuboff, David P.; and Goldman, Arnold S., to Zenith Electronics Corporation. Wall projection CTV unit. 277,669, 2-19-85, Cl. D14-84.000.
- Chuboff, David P.; Greb, Francis J.; and Markovitz, Aaron M., to Bausch & Lomb Incorporated. Carrying case for sunglasses or the like. 280,261, 8-27-85, Cl. D3-34.000.
- Chuboff, David P.: *See—*
  - Becker, Robert W.; and Chuboff, David P., 277,754, Cl. D14-84.000.
- Chung Mei Metal and Plastic Factory Limited: *See—*
  - Mann, Kittson, 278,275, Cl. D26-42.000.
- Ciba-Geigy AG.: *See—*
  - Kung, Eduard R., 277,552, Cl. D9-376.000.
- Cillario, Lorenzo, to Ferrero S.p.A. Display stand for confectionery products. 277,711, 2-26-85, Cl. D6-464.000.
- Cillario, Lorenzo, to Ferrero S.p.A. Container for food products 278,516, 4-23-85, Cl. D9-425.000.
- Cincinnati Incorporated: *See—*
  - Uroshevich, Miroslav, 280,414, Cl. D15-123.000.
  - Uroshevich, Miroslav, 281,430, Cl. D15-123.000.
- Citizen Watch Co., Ltd.: *See—*
  - Kano, Hayao, 279,966, Cl. D10-125.000.
  - Kano, Hayao, 280,084, Cl. D10-125.000.
  - Koizumi, Ken; Koizumi, Michio; and Iwata, Yasuo, 281,078, Cl. D18-22.000.
  - Koizumi, Michio; Washimine, Osamu; Kozasa, Ken; Osawa, Seiichi; and Moriya, Takashi, 281,080, Cl. D18-23.000.
  - Kunita, Masao; Washimine, Osamu; Koizumi, Michio; Iwata, Yasuo; and Kurihara, Toshio, 281,079, Cl. D18-23.000.
  - Kurihara, Toshio; Yasunaga, Makoto; Kunita, Masao; Osawa, Seiichi; and Moriya, Takashi, 281,076, Cl. D18-22.000.
  - Matsuo, Jiro, 279,276, Cl. D11-4.000.
  - Matsuo, Jiro, 279,555, Cl. D11-4.000.
  - Ohtsu, Yutaka, 281,244, Cl. D14-77.000.
  - Yasunaga, Makoto; Kunita, Masao; Masuda, Katsuya; and Osawa, Seiichi, 281,077, Cl. D18-22.000.
- CK Marketing, Inc.: *See—*
  - Owens, Edward J., Jr., 281,688, Cl. D14-57.000.
- Clair, Michael W. Endotracheal intubation kit tray. 277,508, 2-5-85, Cl. D24-31.000.
- Clairol Incorporated: *See—*
  - MacGregor, Francis W., 280,934, Cl. D24-36.000.
  - Wistrand, John, 277,417, Cl. D28-13.000.
  - Wistrand, John, 281,360, Cl. D28-13.000.
  - Yurdin, Carl, 280,350, Cl. D28-38.000.
  - Yurdin, Carl, 281,629, Cl. D28-38.000.
- Clark, Christopher G.; and Spainhour, Phillip A., to Ammco Tools, Inc. Tire changer. 280,827, 10-1-85, Cl. D15-199.000.
- Clark, James L., to Johnson Level & Tool Mfg. Co., Inc. Level vial holder. 280,302, 8-27-85, Cl. D10-74.000.
- Clarke, Frank M., to TII Electronics, Inc. Electronic tester or the like 278,041, 3-19-85, Cl. D10-75.000.
- Clarks Limited: *See—*
  - Radford, Alfred D., 281,829, Cl. D2-309.000.
- Clarks of England, Inc.: *See—*
  - Bergmans, Charles, 281,461, Cl. D2-320.000.
- Classic Hus AB: *See—*
  - Fogler, Bjorn, 277,510, Cl. D25-17.000.
- Clausen, Eivind; and Allsop, James D., to Allsop, Inc. Pad holding insert for an audio cassette cleaner. 277,168, 1-15-85, Cl. D8-394.000.
- Claxton, Bruce A.; and Ramos, Sylvia, to Motorola, Inc. Multiple battery charging unit or similar article. 278,704, 5-7-85, Cl. D13-5.000.
- Claxton, Bruce A.; and Ramos, Sylvia, to Motorola, Inc. Portable battery charger or similar article. 279,181, 6-11-85, Cl. D13-5.000.
- Claxton, Bruce A.; and Althans, Richard K., to Motorola, Inc. Portable two-way radio or similar article. 280,507, 9-10-85, Cl. D14-68.000.
- Claxton, Bruce A.; and Althans, Richard K., to Motorola, Inc. Radio pager or similar article. 281,600, 12-3-85, Cl. D14-68.000.
- Clay, Ronald L.: *See—*
  - Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 278,759, Cl. D2-320.000.
  - Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 278,760, Cl. D2-320.000.
  - Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 279,044, Cl. D2-320.000.
- Claytor, Andrew B., III. Timed medication dispenser. 279,551, 7-9-85, Cl. D10-2.000.
- Clear, Michael C.: *See—*
  - Stourton, Virginia; and Clear, Michael C., 281,565, Cl. D7-39.000.
- Cleevely, Bruce T., to C. F. Sauer Company, The. Container cap for dispensing particulate material. 276,981, 1-1-85, Cl. D9-449.000.
- Cleevely, Bruce T.; and Adam, Robert A., to General Foods Corporation. Dispensing closure. 278,312, 4-9-85, Cl. D9-449.000.
- Clement, Leonard W. H., to Cooper Canada Limited. Hockey helmet 277,331, 1-29-85, Cl. D2-232.000.
- Clement, Richard W.: *See—*
  - Peterson, Oscar; and Clement, Richard W., 277,404, Cl. D23-151.000.
- Clements, Ronald E.: *See—*
  - Bismanovsky, Joseph; Clements, Ronald E.; and Rudin, Melvin, 279,782, Cl. D14-106.000.
- Clements, William F.: *See—*
  - Vater, Richard L.; and Clements, William F., 278,882, Cl. D8-382.000.
- Clenod A/S: *See—*
  - Krogh, Kell, 281,149, Cl. D11-41.000.
- Clivio, Franco; and Raffler, Dieter, to GARDENA Kress & Kastner GmbH. Grip for garden utensils. 279,347, 6-25-85, Cl. D8-1.000.
- Clivio, Franco; and Raffler, Dieter, to GARDENA Kress & Kastner GmbH. Garden utensil. 279,348, 6-25-85, Cl. D8-11.000.
- Clivio, Franco; and Raffler, Dieter, to GARDENA Kress & Kastner GmbH. Garden rake. 279,349, 6-25-85, Cl. D8-13.000.
- Clorox Company, The: *See—*
  - Fleming, Gregory J., 279,454, Cl. D9-377.000.
  - Fleming, Gregory J., 279,455, Cl. D9-389.000.

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Gakiya, Yoshiaki, 281,118, Cl. D3-26.000.
Okada, Hidekazu, 277,430, Cl. D3-28.000.
Okada, Hidekazu, 279,938, Cl. D3-18.000.
Clover, William M., Jr. Automobile audio speaker enclosure. 280,818, 10-1-85, Cl. D14-34.000.
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Alter, Hobart L., 277,472, Cl. D12-303.000.
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Rossi, Paul, 280,382, Cl. D8-397.000.
Cobb, Carl W. E., to Kettering Medical Center. Chest drainage equipment support cart. 280,563, 9-10-85, Cl. D34-17.000.
Cobb, Ronald W., to Apco Graphics, Inc. Suspended ceiling sign. 279,301, 6-18-85, Cl. D20-42.000.
Cobb, Ronald W., to Apco Graphics, Inc. Emergency message display sign. 280,745, 9-24-85, Cl. D20-42.000.
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Cochran, James A., to Burlington Industries, Inc. Divider for separating stacked articles. 281,231, 11-5-85, Cl. D9-456.000.
Cochran, Joseph C. Vest or similar article. 278,090, 3-26-85, Cl. D2-190.000.
Cochran, Ken C. Combined basketball game goals and return net. 280,755, 9-24-85, Cl. D21-201.000.
Cocking, Laurence R. Uplighting lamp. 260,133, 8-13-85, Cl. D26-105.000.
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Cody, Michael J., to Prince Corporation. Visor. 281,413, 11-19-85, Cl. D12-191.000.
Cohen, Michael. T-Shirt. 279,937, 8-6-85, Cl. D2-208.000.
Cohn, Robert S.; and Messamer, Charles A., to Acurex Corporation. Electronic computer scale. 280,712, 9-24-85, Cl. D10-83.000.
Cohorst, Timothy J.; and Haupt, Ruth R. Inflatable plush toy figures. 278,731, 5-7-85, Cl. D21-148.000.
Colberg, Bonnie H.; and Ellis, Kathy E. Mother's nursing bib. 279,421, 7-2-85, Cl. D2-226.000.
Cole, Frank C.; Kern, Marvin G.; and Meiner, Robert, to Crunden Martin Mfg., Co. Charcoal starter. 277,224, 1-15-85, Cl. D23-90.100.
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Coleman, Ernest G. Toy flying saucer. 279,394, 6-25-85, Cl. D21-86.000.
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Johnson, Anthony W.; and Lea, David, 280,604, Cl. D9-389.000.
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Collins, Gerald W., to Huffy Corporation. Frame for exercise cycle. 280,118, 8-13-85, Cl. D21-194.000.
Collins, John, to Leer, Incorporated. Cap for the bed of a pick-up truck. 281,488, 11-26-85, Cl. D12-156.000.
Collins, Norma. Storm door. 280,552, 9-10-85, Cl. D25-48.000.
Collins, Richard D. Fishing line spool holder. 280,124, 8-13-85, Cl. D22-25.000.
Collins, Robert T. Reversible seat for a bathtub or the like. 278,580, 4-30-85, Cl. D6-349.000.
Collins, Steven W.: *See—*
Marino, Jerry C.; and Collins, Steven W., 280,509, Cl. D14-102.000.
Collins, Walter W. Handle for folding pocket knife. 280,287, 8-27-85, Cl. D8-99.000.
Collison, Robert M.; and Myers, John V. Bicycle stand. 278,616, 4-30-85, Cl. D12-115.000.
Collymore, Emily J. Toilet tissue holding device or the like. 278,007, 3-19-85, Cl. D6-523.000.
Colognori, Aldo. Combined backscrubber and back scratcher with removable sponge element. 277,512, 2-5-85, Cl. D28-63.000.
Colognori, Aldo. Combined back scrubber and back scratcher with removable sponge element. 280,448, 9-3-85, Cl. D28-63.000.
Colognori, Aldo. Combined back scrubber and back scratcher with removable sponge element. 280,449, 9-3-85, Cl. D28-63.000.
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Colquitt, Simone, to Syracuse China Corporation. Upper surface decoration for a plate or similar article. 277,159, 1-15-85, Cl. D7-39.000
Colquitt, Simone, to Syracuse China Corporation. Cup or similar article. 278,589, 4-30-85, Cl. D7-9.000.
Colquitt, Simone, to Syracuse China Corporation. Plate or similar article. 281,045, 10-22-85, Cl. D7-33.000.
Colquitt, Simone, to Syracuse China Corporation. Transfer or the like for chinaware or similar articles. 281,047, 10-22-85, Cl. D7-39.000.
Colquitt, Simone, to Syracuse China Corporation. Plate or similar article. 281,126, 10-29-85, Cl. D7-32.000.
Colquitt, Simone, to Syracuse China Corporation. Plate or similar article. 281,129, 10-29-85, Cl. D7-33.000.
Colquitt, Simone, to Syracuse China Corporation. Decal for a plate or similar article. 281,133, 10-29-85, Cl. D7-39.000.
Colquitt, Simone, to Syracuse China Corporation. Decal for a plate or similar article. 281,134, 10-29-85, Cl. D7-39.000.
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  - Rittenhouse, James M., 281,022, Cl. D28-35.000.
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- Conklin, Marilyn L., to Mattel, Inc. Toy animal figure. 280,920, 10-8-85, Cl. D21-161.000.
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  - Manno, Joseph J.; Davis, David L.; Busche, William W.; Conley, Richard B.; Mleczko, Robert; and Brown, Craig F., 282,002, Cl. D24-8.000.
- Conley, William J. Divining rod. 278,040, 3-19-85, Cl. D10-46.000.
- Conn, Denson D., Sr., to D.M. Systems, Inc. Massager. 277,030, 1-1-85, Cl. D24-36.000.
- Conn, Denson D., Sr.; and Cahn, Martin Z., to D.M. Systems, Inc. Massager. 281,815, 12-17-85, Cl. D24-36.000.
- Conn, Denson D., Sr.; and Cahn, Martin Z., to D.M. Systems, Inc. Massager. 281,816, 12-17-85, Cl. D24-36.000.
- Conner, James M.; Costa, Peter F.; Ryan, James M; and Whiteside, George D., to Polaroid Corporation. Folding photographic camera or similar article. 279,574, 7-9-85, Cl. D16-5.000.
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- Conti, Rino; and Daenen, Robert H. C. M., to Dart Industries Inc. Food storage container or the like. 280,281, 8-27-85, Cl. D7-79.000.
- Conti, Rino; and Daenen, Robert H. C. M., to Dart Industries Inc. Cover for a food storage container or the like. 280,484, 9-10-85, Cl. D7-391.000.
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- Cooke, John C., to Kleski & Associates, Inc.; and Third National Bank and Trust Company, The. Automatic teller station. 281,114, 10-22-85, Cl. D99-28.000.
- Cooke, Kenneth R.; and Porcelli, Vito L., to AT&T Technologies, Inc. Handset telephone instrument. 277,378, 1-29-85, Cl. D14-63.000.
- Cooke, Kenneth R.; and Porcelli, Vito L., to AT&T Technologies, Inc. Handset telephone instrument. 277,379, 1-29-85, Cl. D14-63.000.
- Cooke, Kenneth R.; and Porcelli, Vito L., to AT&T Technologies, Inc. Telephone instrument base. 277,571, 2-12-85, Cl. D14-60.000.
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- Cooke, Kenneth R.; and Porcelli, Vito L., to AT&T Technologies, Inc. Telephone instrument base for a handset. 279,777, 7-23-85, Cl. D14-60.000.
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- Cowley, Harold E. Spa filter. 278,082, 3-19-85, Cl. D23-4.000.
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  - Truitt, Robert B.; Cox, Clifford C.; and Manno, Joseph J., 279,217, Cl. D24-17.000.
- Cox, Pauline E. Book marker. 280,529, 9-10-85, Cl. D19-34.000.
- Coyne, Patrick J., to Meritus Industries, Inc. Toy teapot. 279,698, 7-16-85, Cl. D21-122.000.
- Coyne, Patrick J., to Meritus Industries, Inc. Toy casserole. 279,699, 7-16-85, Cl. D21-122.000.
- CPG Products Corp.: *See—*
  - Boudreaux, Mark D., 279,016, Cl. D21-87.000.
  - Boudreaux, Mark D., 279,017, Cl. D21-87.000.
  - Boudreaux, Mark D., 279,018, Cl. D21-87.000.
  - Cavnar, Kathryn A., 280,999, Cl. D21-115.000.
  - Effler, Timothy A.; Goldberg, Dale I.; and Osborne, Thomas P., 277,881, Cl. D21-130.000.
  - Effler, Timothy A.; and Goldberg, Dale I., 280,998, Cl. D21-115.000.
  - Hoel, Per; and Holland, Kathleen, 280,531, Cl. D21-13.000.

  Kirshner, David M.; Paris, Patricia; Bollinger, Howard N.; Goldberg, Dale I.; Abbott, Jane C.; and Haupt, Linda, 281,004, Cl. D21-171.000.
  Lockhart, Pamela J.; and Cooney, Daniel J., 277,492, Cl. D21-104.000.
  Lockhart, Pamela J., 278,256, Cl. D21-104.000.
  Miller, Douglas R.; and Smith, George D., 277,684, Cl. D21-59.000.
  Norton, John J.; and Underhill, Michael, 281,086, Cl. D21-87.000.
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  Routzong, James E.; and Ventura, Frank D., 281,799, Cl. D21-148.000.
  Routzong, James E.; and Ventura, Frank D., 281,890, Cl. D21-174.000.
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  Sutherland, Christopher C., 279,431, Cl. D6-300.000.
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  Crane, Stephen; and Crane, Douglas A., 278,319, Cl. D10-114.000.
Crane, Stephen; and Crane, Douglas A., to Crane Manufacturing and Plastics Corp. Reflector for dash mounted vehicle emergency flashing light or the like. 278,319, 4-9-85, Cl. D10-114.000.
Craver, Richard D., to Orrville Products, Inc. Fireplace insert. 278,179, 3-26-85, Cl. D23-94.000.
Crawford, Dennis, to Bufkor, Inc. Jewelry display prop. 277,713, 2-26-85, Cl. D6-329.000.
Crawford, John W. Holder for empty cassette case. 279,342, 6-25-85, Cl. D6-466.000.
Crawford, Lynn R., to Dominion Industries, Inc. Table. 278,765, 5-14-85, Cl. D6-452.000.
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  Pestone, William J., 280,280, Cl. D6-566.000.
Crawford, Ronald H.: *See—*
  Parsons, David E. J.; O'Reilly, Paul D.; and Crawford, Ronald H., 277,513, Cl. D29-8.000.
Creamer, Joan K., to Dart Industries Inc. Reversible comb or the like. 280,349, 8-27-85, Cl. D28-29.000.
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  Powers, Ronald H., 279,973, Cl. D12-158.000.
Creffield, Henry T., to Glynwed Limited. Stove. 277,226, 1-15-85, Cl. D23-97.000.
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Cressy-Renoma, Michel. Pair of trousers with removable pockets. 281,636, 12-10-85, Cl. D2-28.000.
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Cridland, Michael; and Moriconi, David P., to Victor Technologies, Inc. Keyboard console. 277,003, 1-1-85, Cl. D14-100.000.
Cridland, Michael; and Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,004, 1-1-85, Cl. D14-100.000.
Cridland, Michael; and Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,005, 1-1-85, Cl. D14-100.000.
Cridland, Michael; and Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,671, 2-19-85, Cl. D14-100.000.
Cridland, Michael; and Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,672, 2-19-85, Cl. D14-100.000.
Cridland, Michael; and Moriconi, David P., to Victor Technologies, Inc. CRT Display housing. 280,989, 10-15-85, Cl. D14-113.000.
Criqui, Eugene A.; and Homestead, Peter W., to Brown Jordan Company. Table. 280,274, 8-27-85, Cl. D6-487.000.
Criqui, Eugene A.; and Homestead, Peter W., to Brown Jordan Company. Table. 280,275, 8-27-85, Cl. D6-487.000.
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Crossley, John W. Eye for taxidermy. 280,236, 8-20-85, Cl. D24-33.000.
Crossley, Peter W., to Thorn EMI Electrical Domestic Appliances Limited. Reflector plate for stove burners. 276,973, 1-1-85, Cl. D7-402.000.
Crossman, Ray. Relief valve. 278,551, 4-23-85, Cl. D23-19.000.
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Crowell, James L. Frame for a combined table and seating unit. 277,442, 2-5-85, Cl. D6-499.000.
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Croydon, Frederic G., to Omark Industries, Inc. Circular saw blade. 277,931, 3-12-85, Cl. D8-70.000.
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Cunliffe, Stephen E., to Ocean Trends. Key holder. 281,121, 10-29-85, Cl. D3-62.000.
Curry, Lois A. Door stop. 281,053, 10-22-85, Cl. D8-402.000.
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  Fairbanks, Lyman N., 280,874, Cl. D6-575.000.
  Fairbanks, Lyman N., 280,875, Cl. D6-575.000.
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Czech, Joachim. Dispenser for flowable products. 277,073, 1-8-85, Cl. D9-366.000.
Czech, Joachim. Dispenser for flowable products. 277,074, 1-8-85, Cl. D9-366.000.
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  Newman, David E. J., 279,125, Cl. D24-4.000.
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Daenen, Robert H. C. M.; and Conti, Rino, to Dart Industries Inc. Covered food storage container or the like. 279,251, 6-18-85, Cl. D7-79.000.
Daenen, Robert H. C. M.; and Conti, Rino, to Dart Industries Inc. Food storage container or the like. 279,252, 6-18-85, Cl. D7-79.000.
Daenen, Robert H. C. M.; and Conti, Rino, to Dart Industries Inc. Food storage container or the like. 279,253, 6-18-85, Cl. D7-79.000.
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- Dah Yang Toy Industrial Co., Ltd.: *See—*
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- Dahlgren Engraving Systems, Inc.: *See—*
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- Dair, Thomas M.; Stowell, Davin B.; and Viemeister, Tucker L., to Corning Glass Works. Drinking glass or the like. 278,963, 5-28-85, Cl. D7-15.000.
- Dair, Thomas M.; Stowell, Davin B.; and Viemeister, Tucker L., to Corning Glass Works. Drinking glass or the like. 278,964, 5-28-85, Cl. D7-15.000.
- Daisy Systems Holland B.V.: *See—*
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  - Iinuma, Kanji; and Kameda, Yasuhisa, 281,347, Cl. D22-25.000.
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- D'Alo, Herbert F.; and Case, Robert, to Abbott Laboratories. I.V. Flow control apparatus. 277,603, 2-12-85, Cl. D24-8.000.
- D'Alo, Herbert F.; Genese, Joseph N.; and Smith, Ronald W., to Abbott Laboratories. Flow detector for an intravenous administration set. 279,602, 7-9-85, Cl. D24-8.000.
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- Dancy, Roberta J. Table. 276,965, 1-1-85, Cl. D6-483.000.
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- Danner, James. Chess piece. 279,390, 6-25-85, Cl. D21-52.000.
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- Danner, James. Chess piece. 279,392, 6-25-85, Cl. D21-52.000.
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- Danner, James. Chess piece. 279,488, 7-2-85, Cl. D21-52.000.
- Danner, James. Chess piece. 279,588, 7-9-85, Cl. D21-52.000.
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- Dart Industries Inc.: *See—*
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  - Cesaroni, William C.; and Rauen, Robert P., 279,759, Cl. D7-391.000.
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- Dau, John J. Table. 278,294, 4-9-85, Cl. D6-477.000.
- Daugherty, Valerie, to Questor Corp. Toy duck. 277,496, 2-5-85, Cl. D21-160.000.
- Daugherty, Valerie, to Questor Corp. Toy saw. 277,589, 2-12-85, Cl. D21-120.000.
- Davenport, Robert M.; and Cheek, Cecil R., to Robert M. Davenport Company. Food service building. 279,408, 6-25-85, Cl. D25-25.000.
- Davey, Brian, to Lion Brush Works Limited. Cosmetic compact. 277,324, 1-22-85, Cl. D28-77.000.
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- Davidson, William G., to Harley-Davidson Motor Co., Inc. Motorcycle engine. 277,756, 2-26-85, Cl. D15-1 000.
- Davidson, William G., to Harley-Davidson Motor Co., Inc. Motorcycle engine cylinder. 279,294, 6-18-85, Cl. D15-5.000.
- Davidson, William G., to Harley-Davidson Motor Co., Inc. Motorcycle engine head. 279,376, 6-25-85, Cl. D15-5.000.
- Davidson, William G., to Harley-Davidson Motor Co., Inc. Motorcycle engine rocker cover. 280,990, 10-15-85, Cl. D15-5.000.
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  - Bachmann, G. Merle; Davis, Charles L.; Morgan, Annis R., Jr.; Shelton, Walter L.; and Hughes, Robert D., IV, 278,724, Cl. D20-4.000.
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- Davis, Myron F.; Jordan, Willis Y., III; and Wysong, Robert, to International Business Machines Corporation. Program cartridge for a personal computer. 281,504, 11-26-85, Cl. D14-114.000.
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- Davison, John A., to Adler Instrument Company. Serrated surgical scissors. 281,104, 10-22-85, Cl. D24-27.000.
- Dawe, George. Cabinet for a computer terminal. 279,738, 7-23-85, Cl. D6-433.000.

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  Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 278,912, Cl. D15-69.000.
  Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 279,295, Cl. D15-66.000.
  Miller, David C.; Dawson, Robert E.; Pendleton, Thomas J.; and Krapowicz, Jacob A., 280,468, Cl. D4-122.000
Day, Barbara W. Reversible vest or similar article. 278,089, 3-26-85, Cl. D2-190.000.
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de La Tour, Odette. Booklet with wedding cassette and card. 281,056, 10-22-85, Cl. D9-337.000.
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  Wong, Dennis C. L., 281,516, Cl. D21-59.000.
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Deal, Charles E. Electric guitar. 277,291, 1-22-85, Cl. D17-14.000.
DeAre, David W., to Wilton Enterprises, Inc. Cake support pillar. 278,676, 5-7-85, Cl. D7-83.000.
Dearing, Timothy, to E. R. Howard Limited. Bottle or the like. 281,223, 11-5-85, Cl. D19-322.000.
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DeBarbrie, Steven J. Drum set. 278,633, 4-30-85, Cl. D17-22.000.
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de Buck, Ronald C. Physical dynamometer. 280,653, 9-17-85, Cl. D21-191.000.
deCandia, Giovanni, to International Telephone and Telegraph Corporation. Outdoor luminaire. 277,701, 2-19-85, Cl. D26-67.000.
DeCarolis, Joseph P., to Stanley Works, The. Mitre box with corner clamps. 277,544, 2-12-85, Cl. D8-71.000.
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  Knutson, Lawrence M., 280,482, Cl. D7-29.000.
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Deeley, Frank; Deeley, Lawrence; and Burnett, Kevin P. Ornament for table or other supporting surface. 277,270, 1-22-85, Cl. D11-158.000.
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DeFuccio, Robert, to Simmons Universal Corporation. Seat. 279,628, 7-16-85, Cl. D6-370.000.
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Deimen, Michael L. Building block. 277,609, 2-12-85, Cl. D25-80.000.
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Del Rosso, Victor, to Hi-Speed Checkweigher Co., Inc. Powered platform scale. 280,304, 8-27-85, Cl. D10-87.000.
Del Rosso, Victor, to Hi-Speed Checkweigher Co., Inc. Powered platform scale. 280,305, 8-27-85, Cl. D10-87.000.
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- DeVroom, William A., to American Hospital Supply Corporation. Support clamp. 277,165, 1-15-85, Cl. D8-72.000.
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- Dheur, Raymond J., to Fabrique Nationale Herstal S.A. Grip plate for a gun. 280,006, 8-6-85, Cl. D22-7.000.
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- Dickens, David R.; Smith, Waldo; and Malin, Herbert, to Teknor Apex Company. Floor mat. 281,752, 12-17-85, Cl. D6-582.000.
- Dickens, James A., to Rucks, Percy O. Collapsible reel. 277,260, 1-22-85, Cl. D8-358.000.
- Dickerson, William R. Control panel. 277,275, 1-22-85, Cl. D13-35.000.
- Dickes, Theodore W., to Standard-Knapp, Inc. Design for a packing tray. 281,484, 11-26-85, Cl. D9-432.000.
- Dickey, David V., to Cuesta Systems, Incorporated. Power line monitor. 280,894, 10-8-85, Cl. D13-34.000.
- Dickie, Ronald; and Altgelt, Carlos A., to Ford Motor Company. Front panel for a motor vehicular combined radio and cassette player, or the like. 279,470, 7-2-85, Cl. D14-10.000.
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- Dickson, Thomas D., Jr.; and Schwarze, Ralph W. Hand operated foodstuff mill. 277,356, 1-29-85, Cl. D7-372.000.
- Dideriksen, Erling T., to Interlego A.G. Toy motorcycle. 280,752, 9-24-85, Cl. D21-135.000.
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- Dillon, Richard R.; Kmetz, David G.; and Cesarczyk, Edward J., to Honeywell Information Systems Inc. Desktop computer system. 280,198, 8-20-85, Cl. D14-100.000.
- DiMaria, Steven. Applique for wearing apparel. 279,322, 6-18-85, Cl. D33-9.000.
- Dinand, Pierre, to Helena Rubinstein, Inc. Bottle. 278,209, 4-2-85, Cl. D9-384.000.
- Dinand, Pierre, to Saint Gobain Desjonqueres. Bottle. 280,385, 9-3-85, Cl. D9-403.000.
- Dinand, Pierre, to Saint Gobain Desjonqueres. Bottle. 280,386, 9-3-85, Cl. D9-403.000.
- Dinnebier, Johannes; and Sarpaneva, Timo, to Rosenthal Aktiengesellschaft. Candlestick. 281,910, 12-24-85, Cl. D26-11.000.
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- DiSesa, Frank. Holder for utensils. 277,799, 2-26-85, Cl. D34-43.000.
- DiSesa, Frank, to Tucker Housewares, Inc. Stackable crate. 277,800, 2-26-85, Cl. D34-43.000.
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- Dodds, Dale I., to J. J. Mauget Co. Micro-feeder tube for plant injection device. 281,571, 12-3-85, Cl. D8-1.000.
- Doering, Charles W., to Brinly-Hardy Co., Inc. Pulled aerator. 281,693, 12-10-85, Cl. D15-27.000.
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- Doman, Donald W., to Kohler Co. Faucet handle. 279,403, 6-25-85, Cl. D23-28.000.
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- Doner, Claude E. Mushroom shaped landscape light. 281,358, 11-12-85, Cl. D26-69.000.

- Donges, William E., to Nordson Corporation. Pendant control unit. 278,808, 5-14-85, Cl. D13-12.000.
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- dos Santos, Jose C. Building block. 281,628, 12-3-85, Cl. D25-88.000.
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  - Moses, Paul J.; Kosinski, James E.; and Hutter, Wayne R., 281,009, Cl. D23-72.000.
- Dow, Glen W. Bottle cap opener. 280,594, 9-17-85, Cl. D8-40.000.
- Downey, William P., Jr., to Fairchild Industries, Inc. Bucket seat. 279,437, 7-2-85, Cl. D6-375.000.
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- Doyel, John S. Booklight. 279,032, 5-28-85, Cl. D26-60.000.
- Doyel, John S. Belt mounted massaging unit. 281,013, 10-15-85, Cl. D24-40.000.
- Doyel, John S. Shoe buffer. 281,550, 12-3-85, Cl. D4-102.000.
- Doyle, Edward J.; and Rittenhouse, James M., to Conair Corporation. Hair curler. 280,031, 8-6-85, Cl. D28-35.000.
- Doyle, Edward J.; and Rittenhouse, James M., to Conair Corporation. Air cleaner. 280,128, 8-13-85, Cl. D23-149.000.
- Doyle, Edward J., to Conair Corporation. Air filter. 280,129, 8-13-85, Cl. D23-149.000.
- Doyle, Edward J., to Conair Corporation. Hair setter. 280,941, 10-8-85, Cl. D28-38.000.
- Doyle, Francis S.: *See—*
  - Andrews, Arlan K., Sr.; Doyle, Francis S.; and McGarvey, John N., 279,288, Cl. D14-52.000.
- Dozsa Farkas, Andreas, to Johannes Buchsteiner GmbH & Co. KG. Storage cabinet. 280,791, 10-1-85, Cl. D6-559.000.
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  - Jones, David A., 280,247, Cl. D32-41.000.
  - Jones, David A.; and Zogg, Jon R., 281,861, Cl. D9-377.000.
  - Lane, James, 277,647, Cl. D9-377.000.
  - Lane, James, 278,599, Cl. D9-377.000.
  - Lane, James; and Straker, Rod, 280,487, Cl. D9-376.000.
  - Lane, James; and Straker, Rod, 280,468, Cl. D9-376.000.
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  - Preisler, James M.; Stahel, Alwin J.; and Rudd, Thomas H., 281,593, Cl. D12-126.000.
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  - Rudd, Thomas H., 281,912, Cl. D26-28.000.
  - Stahel, Alwin J., 279,663, Cl. D12-126.000.
  - Stahel, Alwin J., 280,495, Cl. D12-126.000.
  - Stahel, Alwin J.; and Rudd, Thomas H., 281,770, Cl. D12-126.000.
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- Dragan, William B. Dental syringe. 277,134, 1-8-85, Cl. D24-24.000.
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  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 278,399, Cl. D6-505.000.
  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,277, Cl. D6-505.000.
  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,278, Cl. D6-508.000.
  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,279, Cl. D6-508.000.
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- Drake, Craig D., to Ring King Visibles, Inc. Storage tray for diskettes or the like. 281,464, 11-26-85, Cl. D3-35.000.
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- Dranger, Jan. Tubular frame rod for a lounge set. 280,056, 8-13-85, Cl. D6-491.000.
- Drechsler, Mark A., to Stanley Works, The. Tape rule. 279,553, 7-9-85, Cl. D10-72.000.
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- Dresselhaus, William F.; Campbell, Kenneth S.; Twyman, Clive R.; and Dayton, Douglas C., to Apple Computer, Inc. Computer. 277,673, 2-19-85, Cl. D14-106.000.
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- Drexler, Joannes H., to B.V. Machine-en Metaalwarenfabriek "Dremefa". Combined plastic tire lever set and holder therefor. 280,694, 9-24-85, Cl. D8-88.000.
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  - Biesecker, Frederick N., 278,683, Cl. D9-410.000.
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- Dryden, Darwin E. Plant irrigator. 278,075, 3-19-85, Cl. D23-1.000.
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- Duderstadt, Christopher. Child's rocker. 278,484, 4-23-85, Cl. D6-348.000.
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- Duell, Randall S.; Kulpa, Steven H.; Maguire, Justin M., Jr.; Schoneck, Alan C.; and Sylvester, Gordon E., to AT&T Bell Laboratories. Computer housing. 278,711, 5-7-85, Cl. D14-102.000.
- Duffy, Brian F., to C. B. Fleet Company, Inc. Fecal occult blood test kit. 281,903, 12-24-85, Cl. D24-21.000.
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- Dulan, Silas S. Housing for a cable television channel selector unit. 281,425, 11-19-85, Cl. D14-84.000.
- Dummar, Richard W. Toy transportation vehicle. 280,335, 8-27-85, Cl. D21-87.000.
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- Dunbar, Jack G., to Dunbar Furniture, Inc. Combined table and side extension unit. 277,249, 1-22-85, Cl. D6-483.000.
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  Ferraris, John T.; Billick, James E.; and Schick, George L., 280,768, Cl. D32-23.000.
Electronic Sports Collection (Far East) Limited, The: *See—*
  Sujanani, Vinod S., 281,494, Cl. D14-5.000.
Elektro-Warmetechnik Siegfried Petz Co.: *See—*
  Schade, Hans U., 277,130, Cl. D23-122.000.
Elkerbout, Marten F., to U.S. Philips Corporation. Coffee maker. 277,070, 1-8-85, Cl. D7-309.000.
Elkerbout, Marten F., to U.S. Philips Corporation. Coffee maker. 277,539, 2-12-85, Cl. D7-309.000.
Elkerbout, Marten F., to U.S. Philips Corporation. Kitchen machine base unit. 279,072, 6-4-85, Cl. D7-386.000.
Elkerbout, Marten F., to U.S. Philips Corporation. Motor block-wall-holder unit. 279,855, 7-30-85, Cl. D7-376.000.
Elkerbout, Marten F., to U.S. Philips Corporation. Mixer for a kitchen machine. 279,856, 7-30-85, Cl. D7-379.000.
Elkerbout, Marten F., to U.S. Philips Corporation. Motor block for a kitchen machine base unit. 279,857, 7-30-85, Cl. D7-386.000.
Elkhart Machine & Tool Co.: *See—*
  Rutter, Thomas M., 279,607, Cl. D25-69.000.
Ellesse International S.p.A.: *See—*
  Gluck, Harry, 281,300, Cl. D6-495.000.
Elliott, Arthur. Set of stackable chess pieces. 277,015, 1-1-85, Cl. D21-52.000.
Elliott, James J. Wall bracket. 279,641, 7-16-85, Cl. D6-556.000.
Ellis, Kathy E.: *See—*
  Colberg, Bonnie H.; and Ellis, Kathy E., 279,421, Cl. D2-226.000.
Ellis, Mark L. Auto roof hoist. 278,172, 3-26-85, Cl. D34-33.000.
Ellis, Warren K.: *See—*
  Brown, Michael; Read, Clifford D.; and Ellis, Warren K., 278,236, Cl. D14-60.000.
  Brown, Michael; Read, Clifford D.; and Ellis, Warren K., 280,618, Cl. D14-61.000.
  Brown, Michael; Read, Clifford D.; and Ellis, Warren K., 280,619, Cl. D14-63.000.
Elmburg, John R., to U.S. Metal Container Company. Fuel container. 278,031, 3-19-85, Cl. D9-376.000.
Elmburg, John R., to U.S. Metal Container Company. Fuel container. 279,549, 7-9-85, Cl. D9-376.000.
Elsner, Alfred W.; and Schmitz, Willard H., to Kohler Co. Combined stairs and enclosure for a hydrotherapy spa. 277,409, 1-29-85, Cl. D24-38.000.
Elsner, Alfred W.; and Schmitz, Willard H., to Kohler Co. Combined stairs and enclosure for a hydrotherapy spa. 280,551, 9-10-85, Cl. D24-38.000.
Ely, Edmund E. Chair. 278,485, 4-23-85, Cl. D6-365.000.
Elzenbeck, Manfred: *See—*
  Engel, Hartmut; and Elzenbeck, Manfred, 281,292, Cl. D6-380.000.
Emeraldine Limited: *See—*
  Blight, Marshall R., 280,220, Cl. D21-85.000.
Emerson Electric Co.: *See—*
  Votaw, Warren G., 278,824, Cl. D15-149.000.
Emery, Gerald. Holster purse. 279,427, 7-2-85, Cl. D3-42.000.
Emhart Industries, Inc.: *See—*
  Hattori, Kenneth M., 277,836, Cl. D10-106.000.
  Miller, Theodore H., 281,573, Cl. D8-302.000.
EMI Limited: *See—*
  Knott, John, 281,320, Cl. D14-108.000.
Emori, Eisaku, to Kett Electric Laboratory. Grain moisture tester. 279,274, 6-18-85, Cl. D10-56.000.
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  Bryant, William C.; and Ferguson, William C., 280,267, Cl. D4-130.000.
Empson, Edward H.; Brunner, Robert D.; and Fubershaw, Gerard A., to Fortune Systems Corporation. Computer console. 277,283, 1-22-85, Cl. D14-100.000.
Empson, Edward H.; Brunner, Robert D.; and Fubershaw, Gerard A., to Fortune Systems Corporation. Adjustable computer display and base. 279,007, 5-28-85, Cl. D14-113.000.
Ender, Alfred R.; Iacullo, Robert F.; Kriete, Richard J.; Tilley, Alvin R.; and Weinglass, Leon, to AT&T Technologies, Inc. Console faceplate for teleconferencing bridge. 278,630, 4-30-85, Cl. D14-115.000.
Ender, Alfred R.: *See—*
  Heim, Henry J.; and Ender, Alfred R., 277,181, Cl. D14-60.000.
Endo, Hiroshi: *See—*
  Nishiwaki, Katsuhiko; Takeuchi, Akitaka; Endo, Hiroshi; Kawakami, Akihiro; and Matsumura, Hideo, 279,780, Cl. D14-94.000.
  Takeuchi, Akitaka; Abe, Takeshi; and Endo, Hiroshi, 281,780, Cl. D14-94.000.
Endt, Evert, to Horlogerie Photographique Francaise. Combination telephone handset and console stand assembly. 280,324, 8-27-85, Cl. D14-53.000.
Eneroth, Jan-Mats; Maatta, Osten; and Soderholm, Roland, to Flakt Aktiebolag. Floor for a spray paint booth. 281,619, 12-3-85, Cl. D23-163.000.
Enertrols, Inc.: *See—*
  Heideman, Robert J.; and Dressell, Richard G., Jr., 281,772, Cl. D12-159.000.
Enertronics, Inc.: *See—*
  Thiele, Karl O.; and Taylor, Albert L., 281,968, Cl. D13-4.000.
Engel, Hartmut; and Elzenbeck, Manfred, to August Froscher GmbH & Co., K.G. Chair. 281,292, 11-12-85, Cl. D6-380.000.
Engelhardt, David R., to R. Engelhardt Nominees Pty. Ltd. Spectacle frame. 280,909, 10-8-85, Cl. D16-108.000.
Engfer, George J.; Kirk, Anthony I. C.; and Ostlund, Richard T., to Boeing Company, The. Vehicle overhead stowage bin unit or the like. 281,930, 12-31-85, Cl. D3-40.000.
Engineering & Research Associates, Inc.: *See—*
  Minney, Stephen C.; and Harmony, Daniel C., 280,515, Cl. D15-146.000.
England, William R., III. Machine for sizing, stacking and counting taco shells. 280,886, 10-8-85, Cl. D10-88.000.
Engle, Angeline V.: *See—*
  Engle, Richard A.; and Engle, Angeline V., 277,710, Cl. D3-54.000.
Engle, Richard A.; and Engle, Angeline V. Key holder for a purse. 277,710, 2-26-85, Cl. D3-54.000.
English Glass Company Limited: *See—*
  Garrard, Clive W., 277,023, Cl. D23-17.000.
English, Helen B. Theatre structure. 277,318, 1-22-85, Cl. D25-7.000.
English, Helen B. Dome theatre structure. 279,711, 7-16-85, Cl. D25-8.000.
Englishtown Sportswear, Ltd.: *See—*
  Heinfling, Martin, 278,375, Cl. D2-28.000.
  Heinfling, Martin, 278,376, Cl. D2-28.000.
  Heinfling, Martin, 278,377, Cl. D2-28.000.
  Heinfling, Martin, 278,378, Cl. D2-28.000.
  Heinfling, Martin, 278,379, Cl. D2-28.000.
  Heinfling, Martin, 278,471, Cl. D2-28.000.
Engstrom, John G.: *See—*
  Campbell, John S.; Engstrom, John G.; McGarvey, John N.; and Zambelli, Michael P., 280,896, Cl. D14-95.000.
Engstrom, Reid F., to Sunbeam Corporation. Set of dough hooks. 280,066, 8-13-85, Cl. D7-412.000.
Enomoto, Haruyuki, to Sony Corporation. Printer for computer. 278,241, 4-2-85, Cl. D14-111.000.
Enomoto, Haruyuki, to Sony Corporation. Computer. 278,340, 4-9-85, Cl. D14-100.000.
Enomoto, John Y. Key ring. 279,524, 7-9-85, Cl. D3-61.000.
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  Turunen, Tauno, 277,467, Cl. D11-155.000.
  Turunen, Tauno, 277,837, Cl. D11-155.000.
Enter Computer, Inc.: *See—*
  Murray, Richard A., 278,240, Cl. D14-107.000.
Envoys U.S.A. Inc.: *See—*
  Gamm, Robert J., 281,117, Cl. D2-309.000.

- Epperson, Charles N., to Invention Development Equity Associates, Inc. Oil container or the like. 277,362, 1-29-85, Cl. D9-370.000.
- Epson Corporation: *See—*
  - Ekuan, Kenji, 281,322, Cl. D14-111.000.
  - Kawakami, Yoshikazu, 279,781, Cl. D14-100.000.
  - Kawakami, Yoshikazu, 281,878, Cl. D14-57.000.
  - Kurihara, Masaki, 279,580, Cl. D18-7.000.
  - Kurihara, Masaki, 279,728, Cl. D3-73.000.
  - Kurihara, Masaki; and Mizuno, Masahiko, 281,426, Cl. D14-100.000.
  - Maruyama, Naoyuki, 278,714, Cl. D14-111.000.
  - Maruyama, Naoyuki, 278,821, Cl. D14-111.000.
  - Maruyama, Naoyuki, 279,292, Cl. D14-111.000.
  - Mori, Masahiko, 280,527, Cl. D18-22.000.
  - Mori, Masahiko, 280,645, Cl. D18-22.000.
- Epstein, Melvin, to Quaker Oats Company, The. Stringing beads. 280,996, 10-15-85, Cl. D21-59.000.
- Equi, John E. Expansion chamber. 278,326, 4-9-85, Cl. D12-194.000.
- Erbach, Arthur R., to Weber-Stephen Products Co. Wire cooking rack. 280,282, 8-27-85, Cl. D7-404.000.
- Erfurth, Ronald. Wheeled walker. 277,561, 2-12-85, Cl. D12-130.000.
- Eric Marshall Associates Limited: *See—*
  - Marshall, Eric J., 279,373, Cl. D14-53.000.
- Erica Goldsmith Trust: *See—*
  - Goldsmith, David, 279,168, Cl. D9-429.000.
- Ericson, Dan W. Base for matrix band retainer. 277,504, 2-5-85, Cl. D24-10.000.
- Ericson, Dan W. Matrix band retainer. 277,888, 3-5-85, Cl. D24-10.000.
- Eriksson, Albert S. Deposit rack. 279,934, 7-30-85, Cl. D99-34.000.
- Erlewine, Mark. Guitar. 278,632, 4-30-85, Cl. D17-14.000.
- Ermanski, Albert G., to Wright Line Inc. Copyholder. 279,482, 7-2-85, Cl. D19-91.000.
- Ernest, Robert O., to Sunbeam Corporation. Steam iron. 277,327, 1-22-85, Cl. D32-70.000.
- Ernst Stadelmann Gesellschaft m.b.H.: *See—*
  - Kirchner, Balthasar, 280,952, Cl. D3-35.000.
- Ero Industries, Inc.: *See—*
  - Lipsig, Robert J., 280,264, Cl. D3-48.000.
- Erwin-Lambeth, Inc.: *See—*
  - Alessandro, Sante G., 280,134, Cl. D26-106.000.
  - Alessandro, Sante G., 280,554, Cl. D26-110.000.
  - Carter, Roland, 281,655, Cl. D6-334.000.
- Esaki, Akira: *See—*
  - Hazama, Shigetoshi; Sawa, Shuzo; Ikeda, Matafumi; and Esaki, Akira, 277,600, Cl. D23-123.000.
- ESPE Fabrik Pharmazeutischer Praeparate GmbH: *See—*
  - Neumeister, Alexander, 282,004, Cl. D24-10.000.
- Espinda, Henry M. Charcoal barbecue grill. 277,541, 2-12-85, Cl. D13-3.000.
- Esprit de Corp: *See—*
  - Evans, Jonathan M., 277,626, Cl. D6-317.000.
- Esselte Dymo NV: *See—*
  - Pedersen, Dane, 279,198, Cl. D18-19.000.
- Esselte Pendaflex Canada Inc.: *See—*
  - Mahler, Harry, 277,396, Cl. D19-90.000.
- Essex Chair Company: *See—*
  - Testa, Stefano, 279,339, Cl. D6-384.000.
  - Testa, Stefano, 280,475, Cl. D6-384.000.
- Essex, John D., to Hoover Company, The. Suction cleaner or the like. 279,614, 7-9-85, Cl. D32-21.000.
- Essex, John D., to Hoover Company, The. Suction cleaner or the like. 279,615, 7-9-85, Cl. D32-21.000.
- Essilor International (Compagnie d'Optique): *See—*
  - Leray, Claire, 279,795, Cl. D18-24.000.
- Esslinger, Hartmut H., to Konig & Neurath Kommanditgesellschaft. Worktable unit or similar article. 279,846, 7-30-85, Cl. D6-483.000.
- Esslinger, Hartmut H., to Konig & Neurath Kommanditgesellschaft. Worktable or similar article. 281,297, 11-12-85, Cl. D6-484.000.
- Esslinger, Hartmut H., to Konig & Neurath Kommanditgesellschaft. Appliance holder for attachment to a work table. 281,299, 11-12-85, Cl. D6-491.000.
- Etablissements Fernand Berchet: *See—*
  - Rivollet, Marc, 277,591, Cl. D21-130.000.
- Etablissements Montaz Mautino: *See—*
  - Roc, Roland, 281,961, Cl. D12-52.000.
- Etchison, Richard C. Overhead door weighing scale. 281,057, 10-22-85, Cl. D10-91.000.
- Etna Products Co., Inc.: *See—*
  - Fung, May, 279,412, Cl. D28-58.000.
- Ettli, Karl P.: *See—*
  - Eberhart, Charles E.; Ettli, Karl P.; Lake, Brenton G.; and Rainbolt, Jack D., 279,466, Cl. D12-180.000.
  - Eberhart, Charles E.; Ettli, Karl P.; and Rainbolt, Jack D., 279,467, Cl. D12-180.000.
- Evan Goldsmith Trust: *See—*
  - Goldsmith, David, 279,168, Cl. D9-429.000.
- Evans, David M., to Wright-Bernet Incorporated. Blacktop applicator brush and squeege combination. 278,099, 3-26-85, Cl. D4-116.000.
- Evans, Eric R., to Ebro Espalier Limited, Ebro Orchards. Cross arm for an espalier frame. 280,794, 10-1-85, Cl. D8-1.000.
- Evans, Jonathan M., to Esprit de Corp. Mobile clothing display rack. 277,626, 2-19-85, Cl. D6-317.000.
- Evans, Patrick J., to Evcor Systems, Inc. Postage control and counter. 278,214, 4-2-85, Cl. D10-97.000.
- Evans, Robert B. Swimfin with flexible fin member having movable tips. 278,165, 3-26-85, Cl. D21-239.000.
- Evcor Systems, Inc.: *See—*
  - Evans, Patrick J., 278,214, Cl. D10-97.000.
- Evenson, Mel, to Eldon Industries, Inc. Bookend. 277,912, 3-12-85, Cl. D19-34.100.
- Evenson, Mel, to Eldon Industries, Inc. Drawer insert for a desk storage tray system. 278,252, 4-2-85, Cl. D19-75.000.
- Evenson, Mel, to Eldon Industries, Inc. Drawer insert for a desk storage tray system. 278,253, 4-2-85, Cl. D19-75.000.
- Evenson, Mel, to Eldon Industries, Inc. Drawer insert for a desk storage tray system. 278,254, 4-2-85, Cl. D19-75.000.
- Evenson, Mel, to Eldon Industries, Inc. Drawer insert for a desk storage tray system. 278,255, 4-2-85, Cl. D19-75.000.
- Evenson, Mel, to Eldon Industries, Inc. Drawer insert for a desk storage tray system. 279,384, 6-25-85, Cl. D19-75.000.
- Evenson, Mel, to Eldon Industries, Inc. Suspended file holding rack. 279,440, 7-2-85, Cl. D6-462.000.
- Evenson, Mel, to Eldon Industries [illegible] Elongated extrusion. 280,441, 9-3-85, Cl. D25-74.000.
- Evenson, Mel, to Eldon Industr[illegible], Inc. [illegible]helf. 280,583, 9-17-85, Cl. D6-574.000.
- Everest & Jennings, Inc.: *See—*
  - Nassiri, Joe M., 278,217, Cl. D12-[illegible].000.
- Everett, Richard C., to Kool-Stop International, Inc. Bicycle brake shoe. 278,620, 4-30-85, Cl. D12-180.000.
- Evergood Toys Manufacturing Ltd.: *See—*
  - Tam, Sin C.; and Sou, Chong V., 281,441, Cl. D21-134.000.
- Everhan, Walter. Teacup. 277,353, 1-29-85, Cl. D7-9.000.
- Everhan, Walter. Cream pitcher. 278,019, 3-19-85, Cl. D7-319.000.
- Everhan, Walter. Teapot. 278,020, 3-19-85, Cl. D7-321.000.
- Everhan, Walter. Tureen. 279,065, 6-4-85, Cl. D7-17.000.
- Everhan, Walter. Sugar bowl. 279,066, 6-4-85, Cl. D7-17.000.
- Everhan, Walter. Dinner plate. 280,585, 9-17-85, Cl. D7-30.000.
- Everhan, Walter. Saucer. 281,044, 10-22-85, Cl. D7-30.000.
- Everhan, Walter, to American Commercial, Incorporated. Cup. 281,846, 12-24-85, Cl. D7-9.000.
- Everitt, Delmar K.: *See—*
  - Goldfarb, Adolph E.; and Everitt, Delmar K., 278,356, Cl. D21-141.000.
  - Goldfarb, Adolph E.; and Everitt, Delmar K., 278,450, Cl. D21-141.000.
- Everlast World's Boxing Headquarters Corporation: *See—*
  - Golomb, John C., 281,373, Cl. D2-361.000.
- Evert, Karla R., to Stearns Manufacturing Company. Flotation vest having an inflatable chamber. 279,595, 7-9-85, Cl. D21-238.000.
- Evert, Karla R., to Stearns Manufacturing Company. Flotation device. 279,701, 7-16-85, Cl. D21-238.000.
- Evert, Karla R., to Evert, Karla R. Sailboarding personal flotation vest. 280,844, 10-1-85, Cl. D21-238.000.
- Evert, Karla R., to Evert, Karla R. Personal flotation vest. 280,845, 10-1-85, Cl. D21-238.000.
- Ex-Cell-O Corporation: *See—*
  - Cervero, Paul M., 280,684, Cl. D6-422.000.
- Executive Office Concepts: *See—*
  - Liisberg, Henrik, 277,908, Cl. D6-373.000.
- Exin-Lines Bros, S.A.: *See—*
  - Arnau Pibet, Jose M., 279,915, Cl. D21-108.000.
- Extran Corporation: *See—*
  - King, Edwin M., 277,658, Cl. D12-101.000.
- Exxon Research and Engineering Co.: *See—*
  - Juliana, Vincent A., 278,713, Cl. D14-111.000.
  - Juliana, Vincent A.; Maltsev, Viacheslav B.; and Roe, Frank L., 279,581, Cl. D18-22.000.
  - Lewis, Arthur M.; and Scudo, Aldo, 280,109, Cl. D18-99.000.
  - Spinelli, Giuseppe; and MacDonald, Peter G., 277,411, Cl. D25-80.000.
- Eyck, Richard T.; Fee, Robert W.; Robbins, Richard J.; and Liu, Shau-Min, to Rival Manufacturing Company. Food steaming pot. 279,956, 8-6-85, Cl. D7-354.000.
- F.lli Guzzini S.p.A.: *See—*
  - Gecchelin, Bruno, 279,157, Cl. D7-48.000.
  - Guzzini, Silvio, 278,680, Cl. D9-352.000.
  - Pozzi, Ambrogio, 279,532, Cl. D7-21.000.
  - Pozzi, Ambrogio, 281,564, Cl. D7-3.000.
  - Talocci, Giovanna; and Lenci, Fabio, 278,288, Cl. D6-525.000.
- Fabrica de Armazones Opticos, S.A.: *See—*
  - Cuttler, Luis, 277,338, Cl. D3-61.000.
- Fabrique Nationale Herstal S.A.: *See—*
  - Dheur, Raymond J., 280,006, Cl. D22-7.000.
- Fackert, James H. Gooseneck lamp. 282,011, 12-31-85, Cl. D26-62.000.
- Fago, Anthony. Combined timepiece dial and hands therefor. 280,888, 10-8-85, Cl. D10-124.000.
- Fahnstrom, Dale E.: *See—*
  - Drummond, Archie G., Jr.; and Fahnstrom, Dale E., 277,363, Cl. D9-372.000.
  - Drummond, Archie G., Jr.; and Fahnstrom, Dale E., 279,077, Cl. D9-371.000.
  - Drummond, Archie G., Jr.; and Fahnstrom, Dale E., 281,579, Cl. D9-376.000.
- Faidide, Christian, to S.A.R.L. Wichard. Snap hook. 281,222, 11-5-85, Cl. D8-367.000.
- Faidide, Christian, to S.A.R.L. Wichard. Nap-hook for sail-surfing boards. 281,483, 11-26-85, Cl. D8-367.000.
- Fairbanks, Lyman N., to Custom Shade and Awning Corporation. Drapery module unit for doors, windows, and the like. 280,792, 10-1-85, Cl. D6-575.000.

Fairbanks, Lyman N., to Custom Shade and Awning Corporation. Drapery module unit for doors, windows and the like. 280,874, 10-8-85, Cl. D6-575.000.
Fairbanks, Lyman N., to Custom Shade and Awning Corporation. Drapery module unit for doors, windows and the like. 280,875, 10-8-85, Cl. D6-575.000.
Fairchild Industries, Inc.: *See—*
  Downey, William P., Jr., 279,437, Cl. D6-375.000.
  Powers, Sidney A.; Rosenthal, Gordon; and Stirling, William V., 278,700, Cl. D12-342.000.
Falco, Frank J. Message holder for use with an imitation flower or the like. 276,983, 1-1-85, Cl. D11-117.000.
Falter, Harry W.: *See—*
  Cake, Marcus P.; Falter, Harry W.; Batchelor, Clement W.; and Guarini, Michael A., 280,926, Cl. D23-127.000.
Falzett, Douglas. Umbrella runner. 279,834, 7-30-85, Cl. D3-10.000.
Fambrough, David G. Holder and ground anchor unit for rectangular fence posts. 277,643, 2-19-85, Cl. D8-373.000.
Fankhauser, Peter: *See—*
  Schenkel, Lotte; and Fankhauser, Peter, 278,363, Cl. D24-49.000.
Far East Toys & Novelties Manufacturing Limited: *See—*
  Lau, Kam H., 281,341, Cl. D21-136.000.
Faris, James M. Watermelon dish. 278,014, 3-19-85, Cl. D7-3.000.
Farmer, Gary L.; and Leuder, Donald E., to Cal-Tuf Glass Corporation. Sheet glass connector. 281,052, 10-22-85, Cl. D8-394.000.
Farmer, Gary L.; and Leuder, Donald E., to Cal-Tuf Glass Corporation. Sheet glass connector. 281,952, 12-31-85, Cl. D8-394.000.
Farmer, James E., Sr. Cutlery sharpener. 278,968, 5-28-85, Cl. D8-91.000.
Farmer, Ralph; and Johnson, David E., to Arcair Company. Carriage mounted tool oscillator. 277,191, 1-15-85, Cl. D15-138.000.
Farnen, James M., to Drainage Products, Inc. Floor drain. 280,925, 10-8-85, Cl. D23-46.000.
Farrell, Thomas M. Desk set or similar article having a bi-cylindric figurine and figurine holder. 277,946, 3-12-85, Cl. D11-131.000.
Farrer, Peter B., to Kemtron Properties Pty. Ltd. Portable fan. 281,276, 11-5-85, Cl. D23-155.000.
Fastighets AB Leif Eriksson: *See—*
  Bladh, Tommy; and Hansson, Bill, 281,654, Cl. D4-122.000.
Fausel, Stephen A. Wall mounted shelf or similar article. 279,249, 6-18-85, Cl. D6-570.000.
Faust, Harold E. Grill hook. 279,859, 7-30-85, Cl. D8-14.000.
Fay, Andreas, to Lever Brothers Company. Toothbrush. 278,662, 5-7-85, Cl. D4-104.000.
Fay, James P., Jr.: *See—*
  Fay, James P., Sr.; and Fay, James P., Jr., 281,666, Cl. D9-300.000.
Fay, James P., Sr.; and Fay, James P., Jr., to Pro-Tex Limited Partnership. Dispenser for liquids or the like. 281,666, 12-10-85, Cl. D9-300.000.
Fechtner, Harold F.; and Szemeredi, Robert S., to Anthony Manufacturing Corp. Control valve for sprinklers. 277,024, 1-1-85, Cl. D23-19.000.
Fechtner, Harold F.: *See—*
  Mackay, Spencer L.; Price, Cleophus, Jr.; and Fechtner, Harold F., 277,127, Cl. D23-7.000.
Federal Signal Corporation: *See—*
  Gosswiller, Earl W., 280,978, Cl. D10-114.000.
Fedor, Arthur. Perpetual calendar. 279,689, 7-16-85, Cl. D19-25.000.
Fee, Graham M., to True Temper Railway Appliances, Inc. Rail anchor. 276,978, 1-1-85, Cl. D8-382.000.
Fee, Robert W.: *See—*
  Eyck, Richard T.; Fee, Robert W.; Robbins, Richard J.; and Liu, Shau-Min, 279,956, Cl. D7-354.000.
  Heimovics, John G.; Robbins, Richard J.; Fee, Robert W.; and Liu, Shau-Min, 281,093, Cl. D22-25.000.
  Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,539, Cl. D22-25.000.
  Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,540, Cl. D22-25.000.
Feeney, Francis T. Male sanitary device. 281,454, 11-19-85, Cl. D24-49.000.
Feil, Rolf: *See—*
  Vetter, Roland; and Feil, Rolf, 277,448, Cl. D7-346.000.
  Vetter, Roland; and Feil, Rolf, 277,449, Cl. D7-346.000.
Feingold, Irene B.: *See—*
  Feingold, Stanley Z.; and Feingold, Irene B., 279,233, Cl. D3-35.000.
Feingold, Stanley Z.; and Feingold, Irene B. Slide holder. 279,233, 6-18-85, Cl. D3-35.000.
Feldblum, Jean-Pierre, to Societe de Distribution d'Appareils pour la Coiffure (Sodac). Wax depilatory apparatus. 281,822, 12-17-85, Cl. D28-10.000.
Feldman, Howard P.: *See—*
  Sinkoff, Barry N.; and Feldman, Howard P., 278,917, Cl. D17-1.000.
Felix, Christian; Genaro, Donald M.; and Gotfryd, Casimer, to Teletype Corporation. Stand-alone keyboard. 278,239, 4-2-85, Cl. D14-100.000.
Felix, Christian J.; Gates, Frank V.; and Sylvester, Gordon E., to AT&T Bell Laboratories. Stand for a telephone or similar article. 279,185, 6-11-85, Cl. D14-60.000.
Felix, Gary. Anemometric wind vane. 278,131, 3-26-85, Cl. D10-59.000.
Felix, Gary; and Rivell, Thomas. Anemometric wind vane. 281,232, 11-5-85, Cl. D10-59.000.
Felt Products Mfg. Co.: *See—*
  Bakus, Steven L., 280,290, Cl. D9-347.000.
Feltman, Charles H.: *See—*
  Langer, Dick G.; and Feltman, Charles H., 277,535, Cl. D7-9.000.
Fender, C. Leo. Control panel for an electric guitar or the like. 280,640, 9-17-85, Cl. D17-20.000.
Fender, Derek H.: *See—*
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Fender Musical Instruments Corporation: *See—*
  Gressett, Charles A., Jr., 280,525, Cl. D17-21.000.
  Gressett, Charles A., Jr.; Todd, Charles H., III; and Page, John F., 280,526, Cl. D17-21.000.
  Page, John F., 280,522, Cl. D17-20.000.
  Smith, Daniel J., 280,523, Cl. D17-20.000.
  Smith, Daniel J., 280,524, Cl. D17-20.000.
Fenne, Kenneth R., to Pittway Corporation. Wall timer. 278,415, 4-16-85, Cl. D10-40.000.
Ferdinand, Irwin J.; Sylvan, Richard; and Peterson, Michael, to Hirsh Company. Router table. 278,440, 4-16-85, Cl. D15-141.000.
Ferdinand, Irwin J.; Sylvan, Richard; and Peterson, Michael, to Hirsh Company. Drawer. 278,664, 5-7-85, Cl. D6-510.000.
Ferdinand, Irwin J.; Handler, Milton E.; Sylvan, Richard; and Peterson, Michael, to Hirsh Company. Work stool. 279,238, 6-18-85, Cl. D6-350.000.
Ferdinand, Irwin J.; Sylvan, Richard; and Baisch, Herbert, to Hirsh Company. Adustable pipe clamp. 279,646, 7-16-85, Cl. D8-72.000.
Ferdinand, Irwin J.; Handler, Milton C.; Sylvan, Richard; and Peterson, Michael. Stool. 279,731, 7-23-85, Cl. D6-352.000.
Ferdinand, Irwin J.; Handler, Milton C.; Sylvan, Richard; and Baisch, Herbert, to Hirsh Company. Utility stand. 280,370, 9-3-85, Cl. D6-477.000.
Ferenc, Robert A., to Whelen Engineering Company, Inc. Wide angle strobe light for emergency vehicles or the like. 282,010, 12-31-85, Cl. D26-28.000.
Ferguson, William C.: *See—*
  Bryant, William C.; and Ferguson, William C., 280,267, Cl. D4-130.000.
Ferm, Morgan: *See—*
  Andersson, Karl A.; and Ferm, Morgan, 280,454, Cl. D32-55.000.
Feroce, John; Lallier, Maurice; and Eden, George, to Hasbro Industries, Inc. Belt mounted doll carrier. 280,675, 9-24-85, Cl. D2-400.000.
Ferrara, Daniel A., Jr., to Summagraphics Corporation. Cursor. 280,725, 9-24-85, Cl. D14-114.000.
Ferraris, John T.; Billick, James E.; and Schick, George L., to Electrolux Corporation. Vacuum cleaner. 280,768, 9-24-85, Cl. D32-23.000.
Ferrell, David R. Grounding wire clamp. 280,973, 10-15-85, Cl. D8-395.000.
Ferrell, Jay A.; Kimes, Lucas J.; and Spitzer, Robert E., to Boeing Company, The. Airplane. 279,094, 6-4-85, Cl. D12-340.000.
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  Cillario, Lorenzo, 277,711, Cl. D6-464.000.
  Cillario, Lorenzo, 278,516, Cl. D9-425.000.
Festa, Lawrence M. Telephone. 278,235, 4-2-85, Cl. D14-56.000.
Fetty, Harold D.; and Lindner, Daniel J., to Goodyear Tire & Rubber Company, The. Tire. 280,091, 8-13-85, Cl. D12-147.000.
Fetty, Harold D.; and Lindner, Daniel J., to Goodyear Tire & Rubber Company, The. Tire. 280,716, 9-24-85, Cl. D12-147.000.
Fetty, Harold D.: *See—*
  Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., 279,367, Cl. D12-149.000.
Feuz, Timothy A. Rotatable chimney cowl. 281,275, 11-5-85, Cl. D23-154.000.
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  Lax, Michael S., 277,306, Cl. D23-55.000.
Fibrecast (UK) Limited: *See—*
  Thornalley, Michael J., 278,177, Cl. D21-247.000.
  Thornalley, Michael J., 278,269, Cl. D21-247.000.
  Thornalley, Michael J., 281,617, Cl. D21-247.000.
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Field, Frank P. Dispensing shelf attachment. 277,915, 3-12-85, Cl. D6-574.000.
Field, William D., to Consolidated Royal Corporation. Cosmetic container. 281,824, 12-17-85, Cl. D28-76.000.
Fields, John, Jr., to Ski Accessories, Inc. Ski and ski pole carrier. 280,360, 9-3-85, Cl. D3-36.000.
Fieschi, Monique; and Galhaud, Marie-Jacqueline. Candle arrangement. 280,553, 9-10-85, Cl. D26-7.000.
Figgie International Inc.: *See—*
  Aoki, Akio, 280,462, Cl. D2-361.000.
Filippini, David J. Floor tile removing tool. 281,759, 12-17-85, Cl. D8-14.000.
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  Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., 281,697, Cl. D15-138.000.
Finfrock, Dale B., Jr.: *See—*
  LaMeyer, Michael H.; and Finfrock, Dale B., Jr., 281,951, Cl. D8-373.000.
Finger, Paul A., Jr. Connector for sign panels. 279,449, 7-2-85, Cl. D8-354.000.
Fini, Mario. Combined hair brush and hair spray dispenser. 279,648, 7-16-85, Cl. D9-300.000.
Finnern, David L., to Ryan, Joseph J. Tank mounted underwater diving light. 277,893, 3-5-85, Cl. D26-37.000.

Fiorella, Charles M.: *See—*
  Nuttall, Michael J.; Burnett, William R.; and Fiorella, Charles M., 281,606, Cl. D14-100.000.
Fiorentino, Imero; and Marshall, William G., to Imero Fiorentino Associates, Inc. Garden lighting fixture. 279,410, 6-25-85, Cl. D26-69.000.
Fireman, Simon C., to Aqua-Leisure Industries, Inc. Aviator-style swim mask. 276,951, 1-1-85, Cl. D2-234.000.
Fireman, Simon C., to Aqua-Leisure Industries, Inc. Dual-lens diving mask. 277,332, 1-29-85, Cl. D2-234.000.
Fireman, Simon C., to Aqua-Leisure Industries, Inc. Swim goggles. 277,614, 2-19-85, Cl. D2-234.000.
Fireman, Simon C., to Aqua-Leisure Industries, Inc. Swimgear package. 278,795, 5-14-85, Cl. D9-347.000.
Fireman, Simon C., to Aqua-Leisure Industries, Inc. Pair of cushioned seals for eyecups of swimmers' goggles. 280,670, 9-24-85, Cl. D2-234.000.
Fireman, Simon C., to Aqua-Leisure Industries, Inc. Mask and snorkel package. 281,224, 11-5-85, Cl. D9-337.000.
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  Casimiro, A. Robert; and Wallet, Bill J., 277,174, Cl. D12-142.000.
  German, John D.; and Sladky, Donald J., 279,891, Cl. D12-146.000.
  Gray, Harold C., 278,219, Cl. D12-147.000.
  Hinrichsen, Silvana, 281,238, Cl. D12-147.000.
  Larsen, Gary R.; and Gray, Harold C., 278,137, Cl. D12-147.000.
  McDonald, Peter, 278,220, Cl. D12-147.000.
  Molnar, Joseph F.; and Wallet, Bill J., 277,951, Cl. D12-147.000.
  Molnar, Joseph F.; and Wallet, Bill J., 278,524, Cl. D12-147.000.
  Sladky, Donald J.; and Vande Water, William J., 277,272, Cl. D12-146.000.
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First National Bank Of Rochester, Executor: *See—*
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Fischer, Wolfgang; and Hilpert, Fritz, to International Business Machines Corporation. Printer. 280,513, 9-10-85, Cl. D14-111.000.
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  Fisher, Larry M., 277,087, Cl. D12-102.000.
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  Smith, Lloyd T.; Berry, Loren E.; Ediger, Glen W.; Hindman, Thomas E.; and Ten Eyck, Richard E., 279,254, Cl. D8-107.000.
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  Gustavsson, Lennart; and Maatta, Osten, 281,620, Cl. D23-163.000.
  Widerby, Lennart, 278,079, Cl. D23-19.000.
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Flanagan, Michael L. Combined vehicle seat arm rest and drink holder. 281,545, 12-3-85, Cl. D3-40.000.
Fleenor, Charles; Martin, Gary D.; and Reirdon, T. Michael, to Inter-Latin Development, Inc. Puck force measurement tool. 279,657, 7-16-85, Cl. D10-83.000.
Fleischer, William B., Jr., to Upneumat International, Inc. Portable pneumatic tool housing. 278,025, 3-19-85, Cl. D8-61.000.
Fleischer, William B., Jr., to Upneumat International, Inc. Portable pneumatic tool housing. 278,407, 4-16-85, Cl. D8-61.000.
Fleischman, Frederick R.: *See—*
  Barker, Layle B.; Fleischman, Frederick R.; and Swenck, George F., 280,101, Cl. D15-123.000.
Fleischmann, Gary A., to Kohler Co. Lavatory faucet shell. 280,233, 8-20-85, Cl. D23-32.000.
Fleishman, Gregg R. Connecting element for strut members or the like. 278,028, 3-19-85, Cl. D8-354.000.
Fleming, Gregory J., to Clorox Company, The. Combined bottle and cap. 279,454, 7-2-85, Cl. D9-377.000.
Fleming, Gregory J., to Clorox Company, The. Bottle. 279,455, 7-2-85, Cl. D9-389.000.
Fletcher, Gary D.: *See—*
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Flies, William P., to Datakey, Inc. Identification tag. 278,836, 5-14-85, Cl. D20-22.000.
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Florsek, Mary E., to Command Concept Company. Hair care unit. 279,148, 6-11-85, Cl. D6-432.000.
Florsek, Mary E., to Command Concept Company. Hair care unit. 279,149, 6-11-85, Cl. D6-444.000.
Flototto, Reinhard-Heinrich. Cabinet. 278,957, 5-28-85, Cl. D6-432.000.
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Floyd, Rosalie. Female urinal. 277,410, 1-29-85, Cl. D24-54.000.
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  Zaccai, Gianfranco D.; Wheinstone, David B.; Keramaty, Hamid; and Flynn, William E., 278,930, Cl. D24-21.000.
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  Pratt, Thomas A., 281,634, Cl. D32-16.000.
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Foggia, Donald A.; and Schneider, Rolf E., to Siemens Corporation. Telephone digital data interface console. 277,476, 2-5-85, Cl. D14-52.000.
Foggia, Donald A.; and Schneider, Rolf E., to Siemens Corporation. Telephone busy lamp field console. 277,477, 2-5-85, Cl. D14-52.000.
Foggia, Donald A.; and Schneider, Rolf E., to Siemens Corporation. Telephone attendant console. 277,478, 2-5-85, Cl. D14-58.000.
Fogler, Bjorn, to Classic Hus AB. Detached house. 277,510, 2-5-85, Cl. D25-17.000.
Foldes, Steven M. Shoe and the like. 278,947, 5-28-85, Cl. D2-282.000.
Foldes, Steven M., to Fun Footwear Co. Shoe and the like. 278,948, 5-28-85, Cl. D2-291.000.
Foldes, Steven M., to Fun Footwear Co. Shoe and the like. 279,325, 6-25-85, Cl. D2-282.000.
Foldes, Steven M., to Fun Footwear Co. Shoe and the like. 279,326, 6-25-85, Cl. D2-298.000.
Foldes, Steven M., to Fun Footwear Co. Shoe and the like. 279,422, 7-2-85, Cl. D2-291.000.
Foldes, Steven M., to Fun Footwear Co. Shoe. 279,517, 7-9-85, Cl. D2-291.000.
Foldes, Steven M., to Fun Footwear Co. Shoe. 279,518, 7-9-85, Cl. D2-291.000.
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Foley, Henry L., to Bunn-O-Matic Corporation. Pot cover. 280,377, 9-3-85, Cl. D7-391.000.
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Fontaine, Gary. Sailboard mast track. 280,499, 9-10-85, Cl. D12-317.000.
Fontana, Fernando, to Omega S.A. Watch case. 279,765, 7-23-85, Cl. D10-32.000.
Foraker, Jeffrey; and Walz, Lawrence. Toy jack-in-the-box. 280,753, 9-24-85, Cl. D21-151.000.
Forbes, Gloria J. Convertible jeans. 280,251, 8-27-85, Cl. D2-28.000.
Forbes, Robert C.; and VanderKam, John, to Huffy Corporation. Recumbent tricycle body. 280,309, 8-27-85, Cl. D12-112.000.
Forbis, James M.; and Panish, Paul W., to Optek Research Partners Limited. Bicycle computer. 279,565, 7-9-85, Cl. D14-100.000.
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Fortsch, William A., to Thomas & Betts Corporation. Clamping base for cable clamps or the like. 280,597, 9-17-85, Cl. D8-396.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Combined closure and pouring spout therefor. 277,937, 3-12-85, Cl. D9-447.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging container. 278,600, 4-30-85, Cl. D9-399.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Plastic bottle. 278,796, 5-14-85, Cl. D9-349.000.

Fortuna, Vincent E., to Cosden Technology, Inc. Plastic bottle. 278,797, 5-14-85, Cl. D9-349.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Plastic bottle. 278,885, 5-21-85, Cl. D9-349.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging cup with a pedestal base. 279,260, 6-18-85, Cl. D9-349.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging cup with a pedestal base. 279,353, 6-25-85, Cl. D9-349.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging cup with a pedestal base. 279,451, 7-2-85, Cl. D9-352.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Jar or the like. 279,456, 7-2-85, Cl. D9-389.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging cup with a pedestal base. 279,550, 7-9-85, Cl. D9-388.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Container for flowable products. 279,961, 8-6-85, Cl. D9-375.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Container for flowable products. 279,962, 8-6-85, Cl. D9-375.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging cup with a pedestal base. 280,078, 8-13-85, Cl. D9-390.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging container. 281,303, 11-12-85, Cl. D9-398.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging container. 281,304, 11-12-85, Cl. D9-398.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging container. 281,305, 11-12-85, Cl. D9-398.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging container. 281,399, 11-19-85, Cl. D9-347.000.
Fortuna, Vincent E., to Cosden Technology, Inc. Packaging container. 281,400, 11-19-85, Cl. D9-370.000.
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Fowler, Donald W.: *See—*
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  Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S., 280,093, Cl. D12-203.000.
Fox, Geoffrey T., to Moto-X Fox, Inc. Glove. 278,660, 5-7-85, Cl. D2-373.000.
Fox, Herman. Stringed musical instrument. 279,789, 7-23-85, Cl. D17-18.000.
Fraley, Lawrence R.; and Westlund, Arnold E., Jr., to GTE Products Corporation. Projection lamp reflector. 281,355, 11-12-85, Cl. D26-2.000.
Franchi, Thomas A.; and Rogers, Leslie B., to Mobil Oil Corporation. Oil container. 278,977, 5-28-85, Cl. D9-383.000.
Franchi, Thomas A.; and Rogers, Leslie B., to Mobil Oil Corporation. Oil container. 278,978, 5-28-85, Cl. D9-383.000.
Franchi, Thomas A.; and Rogers, Leslie B., to Mobil Oil Corporation. Oil container. 279,078, 6-4-85, Cl. D9-376.000.
Franczak, Richard M.; and Casale, Joseph N., to Barnes-Hind, Inc. Contact lens heating device. 281,812, 12-17-85, Cl. D24-9.000.
Franek, Jozef T.; and Porucznik, Paul, to Metal Box p.l.c. Can. 280,705, 9-24-85, Cl. D9-349.000.
Franek, Jozef T.; and Porucznik, Paul, to Metal Box p.l.c. Packaging container. 280,706, 9-24-85, Cl. D9-352.000.
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Frankenreiter, Anthony. Storage chest for sports and other personal accessories. 278,397, 4-16-85, Cl. D6-440.000.
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  Pringle, Larry E.; and Franklin, Marsha S., 278,369, Cl. D28-60.000.
Franklin, Robert P., to Trans-World Manufacturing Corp. Merchandise display stand or similar article. 277,057, 1-8-85, Cl. D6-480.000.
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  Passarello, Franco, 277,438, Cl. D6-483.000.
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  Milles, Victor A., 278,579, Cl. D6-334.000.
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Frazier, Alvin. Pen. 277,296, 1-22-85, Cl. D19-42.000.
Fredriksson, Rune. Combined fastening bolt and locking washer therefor. 278,972, 5-28-85, Cl. D8-388.000.
Freeman, Bruce A., to Carlisle Corporation. Combined container and closure. 279,651, 7-16-85, Cl. D9-352.000.
Freeman, Dannial R. Precooler for air conditioning unit. 277,601, 2-12-85, Cl. D23-139.000.
Freeman, Jack A. Swimming pool. 279,220, 6-11-85, Cl. D25-2.000.
Freezinhot Bottle Company Limited: *See—*
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  Howitt, Robert T., 278,563, Cl. D34-40.000.
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  Moher, Robert W., Jr.; French, Charles S.; and Reed, Robert J., 281,381, Cl. D6-471.000.
Frezel, Jerrold: *See—*
  Werrin, Samuel R., 277,605, Cl. D24-16.000.
Frieberg, Bengt O. Reversible friction-ring washer. 278,883, 5-21-85, Cl. D8-399.000.
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  Alvarez, Michael A.; Fried, George; and Payne, George, 277,314, Cl. D24-55.000.
  Alvarez, Michael A.; Fried, George; and Payne, George, 277,315, Cl. D24-55.000.
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Friedrich, Kenneth L.: *See—*
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Frinier, Richard; and Criqui, Eugene A., to Brown Jordan Company. Chaise frame. 279,335, 6-25-85, Cl. D6-361.000.
Frost, George H.: *See—*
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  Kuna, Wayne A.; Wildman, John R.; Jenkins, Gale D., Jr.; and Frumkin, Mitchel J., 281,000, Cl. D21-134.000.
Frydenberg, Donald V., to Doskocil Manufacturing Co., Inc. Case for a gun or the like. 278,189, 4-2-85, Cl. D3-38.000.
Fubershaw, Gerard A.: *See—*
  Empson, Edward H.; Brunner, Robert D.; and Fubershaw, Gerard A., 277,283, Cl. D14-100.000.
  Empson, Edward H.; Brunner, Robert D.; and Fubershaw, Gerard A., 279,007, Cl. D14-113.000.
Fuchs, Donald N. Picnic table. 279,433, 7-2-85, Cl. D6-337.000.
Fudala, Walter N.; and Hatcher, David O., to Posting Equipment Corporation. Computer terminal workstation. 279,441, 7-2-85, Cl. D6-474.000.
Fuji Co., Ltd.: *See—*
  Ueda, Taichi, 278,388, Cl. D3-71.000.
  Ueda, Taichi, 279,143, Cl. D3-71.000.
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  Ohmura, Ryuichi, 280,656, Cl. D22-24.000.
Fujii, Hiroshi; Moritani, Hiroshi; Iwahashi, Wataru; and Sugiyama, Masakazu, to Sharp Corporation. Microwave oven. 281,138, 10-29-85, Cl. D7-351.000.
Fujii, Hiroshi; Moritani, Hiroshi; Sugiyama, Masakazu; and Iwahashi, Wataru, to Sharp Corporation. Microwave oven. 281,139, 10-29-85, Cl. D7-351.000.
Fujii, Kiyoshi: *See—*
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  Okuyama, Tooru; Hara, Kunio; and Fujii, Kiyoshi, 280,205, Cl. D16-31.000.
Fujii, Takashi: *See—*
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  Kashima, Taisuke; Gushiken, Shigeki; Kuroiwa, Yukio; Kiyota, Tohru; and Fujii, Takashi, 278,627, Cl. D14-77.000.
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  Takahashi, Akira; Itou, Fumitaka; Kiyota, Toru; Fujii, Takashi; and Kawaguchi, Mitsuo, 281,162, Cl. D14-82.000.
Fujikura, Toshio, to Shachihata Industry Co., Ltd. Stamp. 280,733, 9-24-85, Cl. D18-15.000.
Fujikura, Toshio, to Shachihata Industry Co., Ltd. Stamp. 280,910, 10-8-85, Cl. D18-15.000.
Fujimoto, Takanobu: *See—*
  Arai, Shinji; Sanada, Yoshio; and Fujimoto, Takanobu, 279,571, Cl. D15-199.000.
  Yasuoka, Hirotoshi; and Fujimoto, Takanobu, 279,572, Cl. D15-199.000.
Fujita, Teizo; and Kimura, Haruo, to IDEC IZUMI Corporation. Light emitting diode lamp (led lamp). 280,766, 9-24-85, Cl. D26-2.000.
Fujitsu Limited: *See—*
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  Nakamura, Tadashi; and Nakano, Yutaka, 279,191, Cl. D14-100.000.
  Takagi, Hisamitsu; Hashiguchi, Hiroichi; and Takehara, Tomoyuki, 278,626, Cl. D14-53.000.
Fujiyama, Yoshiyuki: *See—*
  Ohno, Masaru; Fujiyama, Yoshiyuki; and Kumano, Toshihiro, 278,817, Cl. D14-94.000.

Fukasawa, Naoto; Suzuki, Susumu; and Uchihori, Noritaka, to Kabushiki Kaisha Suwa Seikosha. Portable television receiver. 278,628, 4-30-85, Cl. D14-77.000.
Fukasawa, Naoto; Suzuki, Susumu; and Uchihori, Noritaka, to Kabushiki Kaisha Suwa Seikosha. Portable television receiver. 279,006, 5-28-85, Cl. D14-77.000.
Fukasawa, Naoto: *See—*
  Suzuki, Susumu; Uchihori, Noritaka; and Fukasawa, Naoto, 278,685, Cl. D10-38.000.
Fukazawa, Naoto: *See—*
  Suzuki, Susumu; Uchihori, Noritaka; and Fukazawa, Naoto, 279,081, Cl. D10-38.000.
Fukuchi, Eiji, to Mitsuboshi Belting Ltd. Bicycle tire. 280,397, 9-3-85, Cl. D12-136.000.
Fukuda, Harumi, to Sharp Corporation. Sorter. 281,699, 12-10-85, Cl. D16-32.000.
Fukuda, Harumi: *See—*
  Kosako, Mikio; Nishibori, Hiroshi; and Fukuda, Harumi, 279,903, Cl. D16-31.000.
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Fukumoto, Masafumi, to Nisshin Chemical Industry Co., Ltd. Heat exchanger. 280,545, 9-10-85, Cl. D23-136.000.
Fukumoto, Masafumi, to Nisshin Chemical Industry Co., Ltd. Heat exchanger. 280,546, 9-10-85, Cl. D23-136.000.
Fukumoto, Masafumi, to Nisshin Chemical Industry Co., Ltd. Heat exchanger. 280,547, 9-10-85, Cl. D23-136.000.
Fukumoto, Tetsuhiro; and Ochiai, Kiyoshi, to Dunlop Limited. Tire for a vehicle wheel. 279,363, 6-25-85, Cl. D12-143.000.
Fuller, John M.; and Maza, Dale T., to Rubbermaid Commercial Products Inc. Dome top for a waste receptacle. 280,857, 10-1-85, Cl. D34-11.000.
Fuller, Kip L., to Product Masters, Inc. Waterproof belt container for portable radio or tape player. 278,761, 5-14-85, Cl. D2-381.000.
Fulster, Chris. Pair of stabilizers for small boat. 281,595, 12-3-85, Cl. D12-317.000.
Fun Footwear Co.: *See—*
  Foldes, Steven M., 278,948, Cl. D2-291.000.
  Foldes, Steven M., 279,325, Cl. D2-282.000.
  Foldes, Steven M., 279,326, Cl. D2-298.000.
  Foldes, Steven M., 279,422, Cl. D2-291.000.
  Foldes, Steven M., 279,517, Cl. D2-291.000.
  Foldes, Steven M., 279,518, Cl. D2-291.000.
  Foldes, Steven M., 280,671, Cl. D2-297.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,248, 4-2-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,351, 4-9-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,635, 4-30-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,636, 4-30-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,637, 4-30-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,719, 5-7-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,720, 5-7-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,721, 5-7-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,827, 5-14-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,828, 5-14-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,829, 5-14-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,830, 5-14-85, Cl. D18-1.000.
Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, to Brother Kogyo Kabushiki Kaisha. Typewriter. 279,296, 6-18-85, Cl. D18-1.000.
Fung, May, to Etna Products Co., Inc. Fingernail dryer. 279,412, 6-25-85, Cl. D28-58.000.
Fusco, Philip P. Cabinet. 278,107, 3-26-85, Cl. D6-471.000.
Fushimoto, Hideo: *See—*
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  Kikuchi, Nobuo; and Fushimoto, Hideo, 279,112, Cl. D18-12.000.
Fussner, Robert T.: *See—*
  Gallant, Dennis J.; and Fussner, Robert T., 277,481, Cl. D14-65.000.
Fuzita, Shosiro, to Nippon Rubber Co., Ltd. Shoe sole. 281,642, 12-10-85, Cl. D2-320.000.
G. R. Marketing, Inc.: *See—*
  Wolfberg, Gary R., 279,174, Cl. D11-47.000.
Gabriel, Edwin Z. Educational electronic experimentation laboratory. 281,083, 10-22-85, Cl. D19-62.000.
Gabriel, Kori F.; and Tomaszewski, Wojtek T. Bottle opener. 281,572, 12-3-85, Cl. D8-40.000.
Gagliano, Stephen J. Combined seat, table, and shelf unit. 278,003, 3-19-85, Cl. D6-336.000.
Gagnon, Paul L. Portable handle for flanged-neck containers. 277,080, 1-8-85, Cl. D9-434.000.
Gaines, Jack, to Eldon Industries, Inc. Hot air gun. 279,814, 7-23-85, Cl. D23-77.000.
Gaines, Mark, to Southwire Company. Conform scraper tool. 279,933, 7-30-85, Cl. D32-46.000.
Gakiya, Yoshiaki, to Clover Mfg. Co., Ltd. Elastic cap for knitting needles. 279,835, 7-30-85, Cl. D3-28.000.
Gakiya, Yoshiaki, to Clover Mfg. Co., Ltd. Stitch holder. 281,118, 10-29-85, Cl. D3-26.000.
Galente, Richard W. Bow and arrow rack. 277,716, 2-26-85, Cl. D6-552.000.
Galhaud, Marie-Jacqueline: *See—*
  Fieschi, Monique; and Galhaud, Marie-Jacqueline, 280,553, Cl. D26-7.000.
Galitzine, Peter D.: *See—*
  Rapp, Harold B.; and Galitzine, Peter D., 281,675, Cl. D10-40.000.
Gall, Adam F.; and McJunkin, Howard P., Jr., to McJunkin Corporation. Gas pressure differential-measuring system orifice fitting. 277,223, 1-15-85, Cl. D23-1.000.
Gallagher, Abigail H.: *See—*
  Trudeau, Robert P.; and Gallagher, Abigail H., 281,660, Cl. D7-23.000.
Gallant, Dennis J.; and Fussner, Robert T., to Hill-Rom Company, Inc. Portable housing for a telephone handset. 277,481, 2-5-85, Cl. D14-65.000.
Gallman, John E. Calculator for highway travel. 278,916, 5-21-85, Cl. D18-7.000.
Galloway, Cecil, to Brownline Pipe Inc. Riser stabilizer for sprinkler system pipes. 277,726, 2-26-85, Cl. D8-356.000.
Galloway, Cecil, to Brownline Pipe Inc. Non-drain valve. 278,739, 5-7-85, Cl. D23-19.000.
Galloway, Ronny N.: *See—*
  Chan, Eric P. P.; Galloway, Ronny N.; Johnson, Chris G.; and Sylvester, Gordon E., 281,160, Cl. D14-52.000.
Game Time, Inc.: *See—*
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Gamefield Concept, Inc., The: *See—*
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Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe upper with pocket covering flap. 277,427, 2-5-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed boot. 277,615, 2-19-85, Cl. D2-274.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe with counter pocket. 277,616, 2-19-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed sandal. 278,092, 3-26-85, Cl. D2-296.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe with pocket. 279,138, 6-11-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe. 279,139, 6-11-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe. 279,232, 6-18-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic boot with pocket. 279,327, 6-25-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Casual shoe with pocket. 279,519, 7-9-85, Cl. D2-313.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe with pocket cover flap. 280,672, 9-24-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe with pocket. 280,776, 10-1-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe with wrap-around pocket. 280,777, 10-1-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed boot. 280,778, 10-1-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed shoe. 280,862, 10-8-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe with padded counter. 280,949, 10-15-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed athletic shoe upper. 281,116, 10-29-85, Cl. D2-309.000.
Gamm, Robert J., to Envoys U.S.A. Inc. Athletic shoe with pocket cover flap. 281,117, 10-29-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Angle flapped pocketed athletic shoe. 281,639, 12-10-85, Cl. D2-309.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Basketball shoe. 281,640, 12-10-85, Cl. D2-310.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Strap pocketed shoe. 281,734, 12-17-85, Cl. D2-269.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed casual gymnastic and aerobic shoe. 281,736, 12-17-85, Cl. D2-301.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Pocketed shoe. 281,737, 12-17-85, Cl. D2-301.000.
Gamm, Robert J., to Kangaroos U.S.A., Inc. Athletic shoe for kicker. 281,738, 12-17-85, Cl. D2-311.000.
Gamm, Robert J., to Kanagaroos U.S.A., Inc. Boot with tongue pocket. 281,925, 12-31-85, Cl. D2-275.000.
Gamwell, Graham R., to Steward Smith Investments Limited. Finger ring. 278,610, 4-30-85, Cl. D11-30.000.
Gangbin, Irol G. Rotating light. 280,026, 8-6-85, Cl. D26-26.000.
Gangelhoff, Ronald J.; Kohler, Ray A.; and Sexton, Lee, to Chicago Cutlery Consumer Products, Inc. Fillet knife. 279,447, 7-2-85, Cl. D7-151.000.

Gangelhoff, Ronald J.; Jacobi, Robert L.; Peters, William; and Pashley, Robert, to Chicago Cutlery Consumer Products, Inc. Cutting board. 281,566, 12-3-85, Cl. D7-46.000.
Gant, Clifford E. Handle for disposable razor blade cartridges. 277,321, 1-22-85, Cl. D28-46.000.
Ganz, Joe. Carrying bag. 278,190, 4-2-85, Cl. D3-48.000.
Gard, Eric A., to Pennsylvania Scale Company. Portable scale. 279,768, 7-23-85, Cl. D10-91.000.
Gard, John L., to Arneson Products, Inc. Pool cleaner. 280,561, 9-10-85, Cl. D32-1.000.
GARDENA Kress & Kastner GmbH: *See—*
  Clivio, Franco; and Raffler, Dieter, 279,347, Cl. D8-1.000.
  Clivio, Franco; and Raffler, Dieter, 279,348, Cl. D8-11.000.
  Clivio, Franco; and Raffler, Dieter, 279,349, Cl. D8-13.000.
Gardinier, Gene K.; and Roberts, Alan T. Body for a sled-like sports vehicle. 279,920, 7-30-85, Cl. D21-227.000.
Gargioni, Emilio. Tote bag. 278,572, 4-30-85, Cl. D3-44.000.
Garnier, Mary J. Holiday ornament. 277,945, 3-12-85, Cl. D11-125.000.
Garoogian, Richard J. Portable musical synthesizer. 278,066, 3-19-85, Cl. D17-1.000.
Garrard, Clive W., to English Glass Company Limited. Hand pump for dispensing liquids. 277,023, 1-1-85, Cl. D23-17.000.
Garvis, Victor P. Multiple hold-down clamp. 278,308, 4-9-85, Cl. D8-73.000.
Gary, Phillip A. Omni-directional speaker enclosure. 281,316, 11-12-85, Cl. D14-33.000.
Gas Odorizers, Inc.: *See—*
  Rumbarger, David P., Jr.; Campbell, Bobby J.; and Harrison, Stephen M., 280,727, Cl. D15-7.000.
Gaskins, Robert E., to Eiki International, Inc. Display unit video tape player or the like. 278,232, 4-2-85, Cl. D14-5.000.
Gates, Frank V.: *See—*
  Felix, Christian J.; Gates, Frank V.; and Sylvester, Gordon E., 279,185, Cl. D14-60.000.
Gatward, Douglas K. Waste bag holder. 280,457, 9-3-85, Cl. D34-6.000.
Gaumer, Michael B. Building for the selling of ice cream. 280,237, 8-20-85, Cl. D25-10.000.
Gaunt, Lorraine E.: *See—*
  Bruffey, Robert D., Jr.; Crosby, Samuel C.; Gaunt, Lorraine E.; and Hoover, George H., 281,568, Cl. D7-308.000.
Gavin, Brian J.; Gavin, Christopher C.; and Gavin, Michael T. Coffee filter holder. 278,116, 3-26-85, Cl. D7-400.000.
Gavin, Christopher C.: *See—*
  Gavin, Brian J.; Gavin, Christopher C.; and Gavin, Michael T., 278,116, Cl. D7-400.000.
Gavin, Michael T.: *See—*
  Gavin, Brian J.; Gavin, Christopher C.; and Gavin, Michael T., 278,116, Cl. D7-400.000.
Gavura, Steve. Combined bottle and cap. 279,960, 8-6-85, Cl. D9-373.000.
Gayeski, Frank; and Andrich, Marlene, to Gayeski Furniture Coordinates, Inc. Table. 281,298, 11-12-85, Cl. D6-486.000.
Gayeski Furniture Coordinates, Inc.: *See—*
  Gayeski, Frank; and Andrich, Marlene, 281,298, Cl. D6-486.000.
Gaylor, Marcia. Advertising display structure and sports facility. 280,744, 9-24-85, Cl. D20-39.000.
Gecchelin, Bruno, to F.lli Guzzini S.p.A. Citrus-fruit squeezer. 279,157, 6-11-85, Cl. D7-48.000.
Gee Associates: *See—*
  Levy, Edward D.; and Ballone, Michael P., 277,715, Cl. D6-571.000.
  Levy, Edward D.; and Ballone, Michael P., 277,801, Cl. D34-44.000.
Gehr, Norbert; and Hope, Michael J., to Century Wire Gehr Industries, Inc. Electrical adapter. 277,370, 1-29-85, Cl. D13-29.000.
Geiser, Michel B., to Haute Fourneau et Fonderies de Cousances. Grill. 281,481, 11-26-85, Cl. D7-361.000.
Geismar, Thomas H.: *See—*
  Baffo, Charles M.; and Geismar, Thomas H., 281,427, Cl. D15-9.200.
Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, to Shape Inc. Tape cassette. 280,815, 10-1-85, Cl. D14-11.000.
Gelardi, John: *See—*
  Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 280,815, Cl. D14-11.000.
Gelsen, Ralf, to MAPA GmbH Gummi- und Plastikwerke. Children's tooth brush. 278,661, 5-7-85, Cl. D4-104.000.
Genaro, Donald M.; and McGarvey, John N., to AT&T Bell Laboratories. Telephone stand or similar keyboard article. 277,002, 1-1-85, Cl. D14-60.000.
Genaro, Donald M.; McGarvey, John N.; Stern, Arthur L., Jr.; and Tilley, Alvin R., to AT&T Technologies, Inc. Telephone stand. 277,479, 2-5-85, Cl. D14-60.000.
Genaro, Donald M.; Hall, Norris R.; McGarvey, John N.; and Skubiak, Michael T., to AT&T Bell Laboratories. Adjunct key to a telephone set or similar article. 277,570, 2-12-85, Cl. D14-59.000.
Genaro, Donald M.; Gotway, Jerome M.; Hall, Norris R.; and McGarvey, John N., to AT&T Bell Laboratories. Telephone base with extender. 277,665, 2-19-85, Cl. D14-60.000.
Genaro, Donald M.; Gotway, Jerome M.; Hall, Norris R.; and McGarvey, John N., to AT&T Bell Laboratories. Telephone base. 278,056, 3-19-85, Cl. D14-60.000.
Genaro, Donald M.; and McGarvey, John N., to AT&T Bell Laboratories. Housing for a telephone stand or similar article. 278,813, 5-14-85, Cl. D14-60.000.
Genaro, Donald M.; Joffe, Richard M.; and McGarvey, John N., to AT&T Technologies, Inc. Telephone stand. 278,814, 5-14-85, Cl. D14-60.000.
Genaro, Donald M.; Joffe, Richard M.; and McGarvey, John N., to AT&T Technologies, Inc. Housing for a telephone handset or similar article. 279,005, 5-28-85, Cl. D14-63.000.
Genaro, Donald M.; and Tilley, Alvin R., to AT&T Teletype Corporation. CRT Display cabinet. 279,375, 6-25-85, Cl. D14-113.000.
Genaro, Donald M.; Tilley, Alvin R.; McQueen, Edwin D.; Murglin, Joseph G.; Oneby, James E.; and Ramig, Robert J., Jr., to AT&T Teletype Corporation. Printer cabinet. 279,902, 7-30-85, Cl. D14-111.000.
Genaro, Donald M.; Harden, Daniel K.; and McGarvey, John N., to AT&T Technologies, Inc. Telephone stand. 279,982, 8-6-85, Cl. D14-60.000.
Genaro, Donald M.; Tilley, Alvin R.; Purzycki, Alfred Z.; Seidlitz, Raymond R.; and Sokolowski, Eugene K., to AT&T Teletype Corporation. Teleprinter cabinet. 280,196, 8-20-85, Cl. D14-93.000.
Genaro, Donald M.; Tilley, Alvin R.; Purzycki, Alfred Z.; Seidlitz, Raymond R.; and Sokolowski, Eugene K., to AT&T Teletype Corporation. Combined teleprinter cabinet and stand-alone keyboard enclosure. 280,197, 8-20-85, Cl. D14-93.000.
Genaro, Donald M.; and McGarvey, John N., to AT&T Bell Laboratories. Telephone stand. 280,505, 9-10-85, Cl. D14-60.000.
Genaro, Donald M.: *See—*
  Ceradelli, Vittorio; Genaro, Donald M.; and Kelly, Thomas J., 279,010, Cl. D14-113.000.
  Felix, Christian; Genaro, Donald M.; and Gotfryd, Casimer, 278,239, Cl. D14-100.000.
General Aluminum Products, Inc.: *See—*
  Blesch, Thomas C., 277,228, Cl. D23-138.200.
General Corporation, The: *See—*
  Hori, Susumu; Kaneko, Shinichi; and Suzuki, Hiroaki, 279,382, Cl. D18-4.000.
  Mineta, Kunihiko, 280,832, Cl. D18-7.000.
General Electric Company: *See—*
  Boyd, Jeffrey A.; Pusateri, Vincent J.; Hooke, John; and Rockett, Danny F., 280,317, Cl. D13-5.000.
  Chiodo, Daniel J.; Pardon, Barry; and Verga, Joseph, 278,702, Cl. D13-5.000.
  Chiodo, Daniel J.; Pardon, Barry; and Verga, Joseph, 278,703, Cl. D13-5.000.
  Huntington, Robert R.; and Schaefer, Henry A., 277,662, Cl. D13-5.000.
  M'Sadoques, Andre J.; and Morby, John A., 280,485, Cl. D8-353.000.
  Wheeler, William C., 281,502, Cl. D14-102.000.
General Foods Corporation: *See—*
  Cleevely, Bruce T.; and Adam, Robert A., 278,312, Cl. D9-449.000.
  Woodcock, Charles M.; and Kliment, Randy, 278,413, Cl. D9-446.000.
General Motors Corporation: *See—*
  Albert, Jon B., 281,788, Cl. D18-26.000.
  Albert, Jon B., 281,789, Cl. D18-26.000.
  Cafaro, John A.; and Palmer, Jerry P., 277,661, Cl. D12-211.000.
  Schinella, John R., 280,983, Cl. D12-157.000.
  Schinella, John R., 281,491, Cl. D12-211.000.
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  D'Alo, Herbert F.; Genese, Joseph N.; and Smith, Ronald W., 279,602, Cl. D24-8.000.
Genpak Corporation: *See—*
  Bowen, Gary D.; and Bowen, James L., 278,800, Cl. D9-379.000.
Gentex Corporation: *See—*
  Stevens, Philip H., 281,159, Cl. D14-37.000.
Gentile, Carl A. End cap for automobile differential. 279,570, 7-9-85, Cl. D15-149.000.
George, Jimmy, to Phillips Corporation, The. Vibrating shaver. 279,930, 7-30-85, Cl. D28-49.000.
George Mayer Manufacturing, Inc.: *See—*
  Burris, Richard L.; and Stoner, Bill W., 278,868, Cl. D6-347.000.
George, William T.: *See—*
  Johnston, Joseph E.; and George, William T., 277,201, Cl. D21-87.000.
Georgopoulos, George; Debs, Victor; and Anderle, Joseph A., to Levolor Lorentzen, Inc. Venetian blind hold-down bracket. 276,966, 1-1-85, Cl. D6-580.000.
Georgopulos, Thomas, to GTE Automatic Electric Incorporated. Housing for a busy lamp display unit. 277,569, 2-12-85, Cl. D14-59.000.
Gerber, Ernst W. Transparent envelope. 279,990, 8-6-85, Cl. D19-3.000.
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  Brown, John M.; Herritz, Donald; Ottinger, Barbara L.; and Westmas, Leland D., 278,311, Cl. D9-436.000.
  Chrones, Anthony, 281,433, Cl. D17-24.000.
  Mango, Joseph R.; and Wolfe, Donald G., 279,215, Cl. D23-146.000.
  Mango, Joseph R.; and Wolfe, Donald G., 279,216, Cl. D23-148.000.
Gerber, William C., to Rubbermaid Incorporated. Watering can. 278,928, 5-21-85, Cl. D23-11.000.
Gerber, William C., to Rubbermaid Incorporated. Bacon cooking rack. 279,539, 7-9-85, Cl. D7-359.000.
Gerch, Edward L. Combined attache case and travelling desk. 279,330, 6-25-85, Cl. D3-76.000.

Gerico Fiberglass Products, Inc.: *See—*
  Myers, Dean, 278,183, Cl. D24-38.000.
German, John D.; and Sladky, Donald J., to Firestone Tire & Rubber Company, The. Tire. 279,891, 7-30-85, Cl. D12-146.000.
Gerner, James L., to Fixtures Manufacturing Corporation. Chair. 279,438, 7-2-85, Cl. D6-380.000.
Gertler, Leona. Scale. 281,058, 10-22-85, Cl. D10-92.000.
Gevert, Klaus V., to Bayerische Motoren Werke A.G. Motorcycle. 279,086, 6-4-85, Cl. D12-110.000.
Gevert, Klaus V., to Bayerische Motoren Werke Aktiengesellschaft. Combined motorcycle fairing and direction indicators. 281,410, 11-19-85, Cl. D12-182.000.
Gevert, Klaus V.: *See—*
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Gewelber, Ytzhak, to Gewelber, Ytzhak. Motorcycle oil cooler. 278,243, 4-2-85, Cl. D15-5.000.
Gholson, G. James, Jr. Clarinet ligature. 277,967, 3-12-85, Cl. D17-13.000.
Giallo, James W., Jr. Game board. 279,116, 6-4-85, Cl. D21-34.000.
Gianni, Richard F., to Biosafety Systems, Inc. Disposal container for hypodermic needles. 281,906, 12-24-85, Cl. D24-99.000.
Gianni, Richard F., to Biosafety Systems, Inc. Disposal container for hypodermic needles. 281,907, 12-24-85, Cl. D24-99.000.
Gianni, Richard F., to Biosafety Systems, Inc. Holder for medical waste disposal container. 282,009, 12-31-85, Cl. D24-99.000.
Gibbs, Richard B. Garment bag. 280,265, 8-27-85, Cl. D3-71.000.
Gibello, Carlo. Tennis racquet. 279,397, 6-25-85, Cl. D21-212.000.
Gibello, Carlo. Tennis racquet. 279,398, 6-25-85, Cl. D21-212.000.
Gibello, Carlo. Tennis racquet. 279,496, 7-2-85, Cl. D21-212.000.
Gibilterra, Charles A. Chair. 281,377, 11-19-85, Cl. D6-362.000.
Gibson, Charles C. Combined stand and container for storing and dispensing gasoline or the like. 279,402, 6-25-85, Cl. D23-2.000.
Giebel, Charles G.: *See—*
  Worster, John A.; Giebel, Charles G.; and Lyon, Herbert W., 280,004, Cl. D21-219.000.
Gilardini S.p.A.: *See—*
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Gilbert, Robert W., to Mining Supplies (Minsup) Pty. Ltd. Resilient ring for fluid coupling. 281,525, 11-26-85, Cl. D23-47.000.
Gilbreath, James C. Outboard motor support. 277,843, 3-5-85, Cl. D12-317.000.
Gildart, Richard F. Wine bucket. 279,533, 7-9-85, Cl. D7-70.000.
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  Aldrich, Thomas B., III; and Muscatiello, Ralph A., 279,650, Cl. D9-377.000.
  Aldrich, Thomas B., III; and Muscatiello, Ralph A., 280,289, Cl. D9-338.000.
  Jacobson, Chester F.; Gray, Michael J.; and Trotta, Robert A., 277,987, Cl. D28-48.000.
Gilligan, Edward L. Baseball cap or the like. 281,031, 10-22-85, Cl. D2-244.000.
Gintz, Richard A. Display notebook. 278,543, 4-23-85, Cl. D19-27.000.
Giorgetti, Carlo, to Giorgetti S.p.A. Chair. 278,870, 5-21-85, Cl. D6-369.000.
Giorgetti, Carlo, to Giorgetti S.p.A. Arm-chair. 278,871, 5-21-85, Cl. D6-369.000.
Giorgetti, Carlo, to Giorgetti S.p.A. Arm-chair. 279,435, 7-2-85, Cl. D6-370.000.
Giorgetti, Carlo, to Giorgetti S.p.A. Arm-chair. 279,436, 7-2-85, Cl. D6-370.000.
Giorgetti, Carlo, to Giorgetti S.p.A. Headboard for a bed. 281,751, 12-17-85, Cl. D6-505.000.
Giorgetti S.p.A.: *See—*
  Giorgetti, Carlo, 278,870, Cl. D6-369.000.
  Giorgetti, Carlo, 278,871, Cl. D6-369.000.
  Giorgetti, Carlo, 279,435, Cl. D6-370.000.
  Giorgetti, Carlo, 279,436, Cl. D6-370.000.
  Giorgetti, Carlo, 281,751, Cl. D6-505.000.
Giovagnoli, Paul S., to Master Pitching Machine, Inc. Housing for ball pitching machine. 278,841, 5-14-85, Cl. D21-210.000.
Girardi, Joseph; and Sylvester, Gordon E., to AT&T Bell Laboratories. Communication apparatus enclosure. 278,336, 4-9-85, Cl. D14-52.000.
Giraud, Dennis D. B.; and Ivamy, Timothy J. W. Hat. 280,861, 10-8-85, Cl. D2-244.000.
Girlock Limited: *See—*
  Caplygin, Dimitri, 277,093, Cl. D12-180.000.
  Caplygin, Dimitri, 277,175, Cl. D12-180.000.
Giron, Daniel, to Michelin Recherche et Technique S.A. Tire. 279,088, 6-4-85, Cl. D12-147.000.
Gislaved Aktiebolag: *See—*
  Grohmann, Hubert; and Nilsson, Halvard, 278,696, Cl. D12-147.000.
Gismondi, Ernesto. Table lamp. 281,357, 11-12-85, Cl. D26-63.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 277,145, 1-15-85, Cl. D6-381.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 277,242, 1-22-85, Cl. D6-381.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 277,243, 1-22-85, Cl. D6-381.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 277,244, 1-22-85, Cl. D6-381.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 277,527, 2-12-85, Cl. D6-379.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 278,287, 4-9-85, Cl. D6-381.000.
Giudici, Gianbattista, to Altena Salotti s.r.l. Seat. 280,152, 8-20-85, Cl. D6-370.000.
Giugiaro, Giorgetto, to Gilardini S.p.A. Motor vehicle wheel. 277,375, 1-29-85, Cl. D12-209.000.
Giugiaro, Giorgetto, to Nihon Melber Kabushiki Kaisha. Vehicle wheel. 277,660, 2-19-85, Cl. D12-204.000.
Giugiaro, Giorgetto, to Necchi S.p.A. Sewing machine. 278,438, 4-16-85, Cl. D15-70.000.
Giugiaro, Giorgetto, to Nihon Melber Kabushiki Kaisha. Vehicle wheel. 278,526, 4-23-85, Cl. D12-204.000.
Giugiaro, Giorgetto, to Nihon Melber Kabushiki Kaisha. Vehicle wheel. 278,527, 4-23-85, Cl. D12-204.000.
Giugiaro, Giorgetto, to Kabushiki Kaisha Hattori Seiko. Wristwatch. 278,687, 5-7-85, Cl. D10-39.000.
Giugiaro, Giorgetto, to Kabushiki Kaisha Hattori Seiko. Wristwatch. 278,688, 5-7-85, Cl. D10-39.000.
Giugiaro, Giorgetto, to Kabushiki Kaisha Hattori Seiko. Wristwatch. 279,273, 6-18-85, Cl. D10-38.000.
Giugiaro, Giorgetto, to Parker Pen Company Limited, The. Writing instrument. 280,421, 9-3-85, Cl. D19-49.000.
Givler, Omar, to Portage Electric Products, Inc. Housing for a thermostatic switch. 281,240, 11-5-85, Cl. D13-34.000.
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  Pashkov, Anatoly P.; Kipernik, Efim G.; Onischenko, Anatoly V.; Sakharov, Valentin S.; Kudryashev, Mikhail M.; Karpov, Oleg P.; Yavorsky, Illary A.; and Gizer, Boris V., 279,543, Cl. D8-30.000.
GKN-Stenman AB: *See—*
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Glass Dimensions, Inc.: *See—*
  Perkins, David R., 281,279, Cl. D26-10.000.
Glass, Gerald, to Custom Metalcraft, Inc. Chain link. 278,884, 5-21-85, Cl. D8-499.000.
Glassford, Joseph B. Sign post assembly. 277,683, 2-19-85, Cl. D20-17.000.
Glastar Corporation: *See—*
  Best, Melvin H., 281,219, Cl. D8-98.000.
Glatt GmbH: *See—*
  Nowak, Reinhard, 277,192, Cl. D15-144.000.
Glauser, Alain, to Baume & Mercier S.A. Wrist watch. 277,649, 2-19-85, Cl. D10-32.000.
Glawe, Robert I. Infant seat. 281,553, 12-3-85, Cl. D6-333.000.
Gleason, Roger K.: *See—*
  Schosser, John F.; Gleason, Roger K.; Dole, Charles M.; Us, Max; and Burke, Bradley, 281,280, Cl. D26-46.000.
Glenn, Willie J. Display board. 279,800, 7-23-85, Cl. D20-42.000.
Glick, Eliot M. Money saving container. 281,923, 12-24-85, Cl. D99-37.000.
Globe Tool & Engineering Company, The: *See—*
  Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., 281,612, Cl. D15-122.000.
  Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., 281,697, Cl. D15-138.000.
Gluck, Harry, to Ellesse International S.p.A. Base for supporting an exhibition stall upright post. 281,300, 11-12-85, Cl. D6-495.000.
Glynwed Limited: *See—*
  Creffield, Henry T., 277,226, Cl. D23-97.000.
  Smith, Vance, 277,227, Cl. D23-97.000.
Gnecchi and Company S.p.A.: *See—*
  Offredi, Giovanni, 277,572, Cl. D14-61.000.
Go, Seitaro, to Ugen Kaisha Go Chuzo Tekko Sho. Guide unit for associating tubular casings with nuclear fuel rod assemblies. 278,151, 3-26-85, Cl. D15-199.000.
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  Stevens, Max L.; and Goeckeler, William P., 279,419, Cl. D99-29.000.
  Stevens, Max L.; and Goeckeler, William P., 279,619, Cl. D99-29.000.
Goertz, Albrecht: *See—*
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Goetz, George E.; and McNutt, Robin E. Combined plate and frame stand. 278,394, 4-16-85, Cl. D6-310.000.
Gogoll, Thornton H.: *See—*
  McCloskey, Donald R.; and Gogoll, Thornton H., 279,319, Cl. D32-15.000.
Gold Eagle Co.: *See—*
  Gurolnick, William R., 278,975, Cl. D9-370.000.
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Gold, Norman: *See—*
  Kasuba, John A.; Kanne, John T.; Dhaliwal, Sajjan S.; Gold, Norman; and Weiss, John, 280,226, Cl. D21-194.000.
Gold Star Company, Ltd.: *See—*
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  Choi, Jong S., 280,878, Cl. D7-351.000.
  Song, Bong H., 280,968, Cl. D7-351.000.
Goldberg, Dale I.: *See—*
  Effler, Timothy A.; Goldberg, Dale I.; and Osborne, Thomas P., 277,881, Cl. D21-130.000.

  Effler, Timothy A.; and Goldberg, Dale I., 280,998, Cl. D21-115.000.
  Kirshner, David M.; Paris, Patricia; Bollinger, Howard N.; Goldberg, Dale I.; Abbott, Jane C.; and Haupt, Linda, 281,004, Cl. D21-171.000.
Goldblatt Tool Co.: *See—*
  Gromer, Robert D., Jr., 280,440, Cl. D25-67.000.
Golden, Seymour W.; and Kehl, Robert N. Seat. 277,053, 1-8-85, Cl. D6-373.000.
Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Tire for toy vehicle. 278,356, 4-9-85, Cl. D21-141.000.
Goldfarb, Adolph E.; and Everitt, Delmar K., to Goldfarb, Adolph E. Wheel for toy amphibious vehicle. 278,450, 4-16-85, Cl. D21-141.000.
Goldish, Milton, to Milton Industries Inc. Air nozzle. 281,349, 11-12-85, Cl. D23-34.000.
Goldman, Arnold S.: *See—*
  Chuboff, David P.; and Goldman, Arnold S., 277,669, Cl. D14-84.000.
Goldman, Frank, to Noz-L-Ad, Inc. Fuel nozzle ad display board. 279,483, 7-2-85, Cl. D20-10.000.
Goldman, Frank, to Noz-L-Ad, Inc. Fuel nozzle ad display board. 279,484, 7-2-85, Cl. D20-10.000.
Goldman, Jerome; Goldman, Marvin; Philips, Gerald; and Pesin, Joseph, to Penn Plax Plastics. Aquarium ornament. 278,465, 4-16-85, Cl. D30-12.000.
Goldman, Jerome; Goldman, Marvin; Philips, Gerald; and Pesin, Joseph, to Penn Plax Plastics. Aquarium ornament. 279,317, 6-18-85, Cl. D30-12.000.
Goldman, Marvin: *See—*
  Goldman, Jerome; Goldman, Marvin; Philips, Gerald; and Pesin, Joseph, 278,465, Cl. D30-12.000.
  Goldman, Jerome; Goldman, Marvin; Philips, Gerald; and Pesin, Joseph, 279,317, Cl. D30-12.000.
Goldman, Paul R. Step tube table. 280,273, 8-27-85, Cl. D6-474.000.
Goldsmith, David, to Erica Goldsmith Trust; and Evan Goldsmith Trust. Packaging container or the like. 279,168, 6-11-85, Cl. D9-429.000.
Goldsmith, Yamasaki, Specht Inc.: *See—*
  Alger, Andrew L., 280,213, Cl. D18-34.000.
Goldstein, Robert B.: *See—*
  Cornell, Samuel M.; and Goldstein, Robert B., 279,021, Cl. D21-184.000.
Golomb, John C., to Everlast World's Boxing Headquarters Corporation. Boxing glove. 281,373, 11-19-85, Cl. D2-361.000.
Gompes, Simon. Pop-up toy. 281,342, 11-12-85, Cl. D21-151.000.
Gonzales, Roman Y.: *See—*
  Prager, Jay M.; and Gonzales, Roman Y., 278,897, Cl. D13-40.000.
  Prager, Jay M.; Gonzales, Roman Y.; and Ault, Charles M., 281,493, Cl. D13-40.000.
Gooden, David S. Anchor for small boats. 280,316, 8-27-85, Cl. D12-215.000.
Goodlaxson, John D. Corn popper. 279,069, 6-4-85, Cl. D7-325.000.
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Goodyear Tire & Rubber Company, The: *See—*
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  Fetty, Harold D.; and Lindner, Daniel J., 280,091, Cl. D12-147.000.
  Fetty, Harold D.; and Lindner, Daniel J., 280,716, Cl. D12-147.000.
  Graas, Maurice, 280,090, Cl. D12-146.000.
  Graas, Maurice, 281,408, Cl. D12-147.000.
  Lash, Stephen, 278,893, Cl. D12-146.000.
  Lawrence, Jay K., 278,806, Cl. D12-146.000.
  Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., 279,367, Cl. D12-149.000.
  Menster, Armand M.; and Hitzky, Leo J., 278,135, Cl. D12-143.000.
  Young, Delton W., 281,371, Cl. D2-320.000.
Gordon, Arnold. Desk with built in computer console. 278,956, 5-28-85, Cl. D6-422.000.
Gordon, Eliot. Hand exercise device. 281,802, 12-17-85, Cl. D21-198.000.
Gordon, F. Scott; Fender, Derek H.; and Dolan, Michael J., to CAPS Industries. Printed circuit board component mounting machine. 278,345, 4-9-85, Cl. D15-199.000.
Gordon, Ramon. Position identification insignia for football player's uniform. 277,109, 1-8-85, Cl. D20-11.000.
Gordon, Ramon. Position identification insignia for football player's uniform. 277,110, 1-8-85, Cl. D20-11.000.
Gordon, Ramon. Position identification insignia for football player's uniform. 277,111, 1-8-85, Cl. D20-11.000.
Gordon, Ramon. Position identification insignia for football player's helmet. 277,112, 1-8-85, Cl. D20-11.000.
Gordon, Ramon. Position identification insignia for football player's helmet. 277,113, 1-8-85, Cl. D20-11.000.
Gordon, Ramon. Position identification insignia for football player's helmet. 277,114, 1-8-85, Cl. D20-11.000.
Gordon, Ramon. Position identification insignia for football player's uniform. 277,876, 3-5-85, Cl. D20-11.000.
Gordon, Richard F., to Sportplay Creative Enterprises, Inc. Outdoor child's play unit. 281,447, 11-19-85, Cl. D21-244.000.
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Gorick, Geoffrey P.; and Day, Robert W., to Acme-Gorick Pty. Ltd. Toy glider. 281,338, 11-12-85, Cl. D21-89.000.
Gorski, Florian J. Bottle closure device. 281,390, 11-19-85, Cl. D8-40.000.
Goshi Kaisha Kanemitsu Doko Yosetsu-Sho: *See—*
  Kanemitsu, Yukio, 277,547, Cl. D8-360.000.
Gossling Development Corporation: *See—*
  Manzi, Joseph, 277,972, Cl. D21-198.000.
Gosswiller, Earl W., to Federal Signal Corporation. Combined light and speaker housing for emergency vehicles. 280,978, 10-15-85, Cl. D10-114.000.
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Goto, Tetsuya; Saito, Yasuhiro; and Umino, Toshio, to Ricoh Company, Ltd. Electrostatic copying machine. 280,629, 9-17-85, Cl. D16-30.000.
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  Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, 278,825, Cl. D16-32.000.
  Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, 280,635, Cl. D16-32.000.
Gottfried, Mario H. Electric motor. 278,528, 4-23-85, Cl. D13-1.000.
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  Genaro, Donald M.; Gotway, Jerome M.; Hall, Norris R.; and McGarvey, John N., 277,665, Cl. D14-60.000.
  Genaro, Donald M.; Gotway, Jerome M.; Hall, Norris R.; and McGarvey, John N., 278,056, Cl. D14-60.000.
Gould Inc.: *See—*
  Prager, Jay M.; and Gonzales, Roman Y., 278,897, Cl. D13-40.000.
  Prager, Jay M.; Gonzales, Roman Y.; and Ault, Charles M., 281,493, Cl. D13-40.000.
  Ramos, Paul; Hudnall, Richard E.; and Kunimi, Yuri, 278,909, Cl. D14-102.000.
Gould, Mel J. Hand-held gripping tool for cooking utensils. 279,161, 6-11-85, Cl. D7-393.000.
Graas, Maurice, to Goodyear Tire & Rubber Company, The. Tire tread and buttress. 280,090, 8-13-85, Cl. D12-146.000.
Graas, Maurice, to Goodyear Tire & Rubber Company, The. Tire. 281,408, 11-19-85, Cl. D12-147.000.
Grabovac, Bosko. Readout unit for torque tools. 281,143, 10-29-85, Cl. D8-24.000.
Grabovac, Bosko, to Consolidated Devices, Inc. Force indicating unit for torque wrench. 281,761, 12-17-85, Cl. D8-24.000.
Grabovac, Bosko, to Consolidated Devices, Inc. Force selector and readout unit for torque tools. 281,854, 12-24-85, Cl. D8-24.000.
Grady, Victor E. Folding chair. 277,813, 3-5-85, Cl. D6-349.000.
Graham, Henry A., Jr.: *See—*
  Savitz, Steven R.; Hawk, Johnna B.; Graham, Henry A., Jr.; and Chachowski, Rosemary K., 278,653, Cl. D24-22.000.
Graham, Neal E. Drum case. 281,289, 11-12-85, Cl. D3-30.100.
Grammas, Nick G.; and Callas, Michael T., to Lamba Systems, Inc. Combined road marker and lock-in sign. 277,738, 2-26-85, Cl. D10-109.000.
Grammas, Nick G.; and Callas, Michael T., to Lamba Systems, Inc. Combined road marker and flashing light. 277,739, 2-26-85, Cl. D10-109.000.
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  Hubbard, James R., 279,407, Cl. D24-53.000.
Grassi, Ermanno, to Comet S.A.R.A. Societa Autoadesivi Resin e Affine S.p.A. Adhesive tape applicator. 280,738, 9-24-85, Cl. D19-68.000.
Graves, Louis N., to Louis N. Graves Company, Inc. Sharpening apparatus. 280,380, 9-3-85, Cl. D8-91.000.
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Gray, Gary W.: *See—*
  Seel, Jerry E.; and Gray, Gary W., 278,924, Cl. D21-193.000.
Gray, Harold C., to Firestone Tire & Rubber Company, The. Tire. 278,219, 4-2-85, Cl. D12-147.000.
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Gray, Jack V. Container for plants. 279,083, 6-4-85, Cl. D11-152.000.
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  Jacobson, Chester F.; Gray, Michael J.; and Trotta, Robert A., 277,987, Cl. D28-48.000.
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Greco, Vincent. Latch for rolling gates. 281,947, 12-31-85, Cl. D8-331.000.
Green, David T., to United States Surgical Corporation. Surgical clip. 277,785, 2-26-85, Cl. D24-27.000.
Green, David T.; Rawson, Paul O.; and Yagami, Richard H., to United States Surgical Corporation. Linear anastomosis surgical stapler. 278,080, 3-19-85, Cl. D24-26.000.
Green, David T., to United States Surgical Corporation. Linear anastomosis surgical staple cartridge. 278,081, 3-19-85, Cl. D24-26.000.

reen, David T.; Rawson, Paul O.; and Yagami, Richard H., to United States Surgical Corporation. Surgical skin stapler. 278,656, 4-30-85, Cl. D24-26.000.
reen, David T., to United States Surgical Corporation. Surgical staple. 280,931, 10-8-85, Cl. D24-26.000.
reen, David T., to United States Surgical Corporation. Surgical staple. 280,932, 10-8-85, Cl. D24-26.000.
reen, George G. Shower hanger support for standard and hotel hangers. 278,106, 3-26-85, Cl. D6-525.000.
reen, Herbert. Toy trackway. 279,395, 6-25-85, Cl. D21-92.000.
reen, Richard D. Twin compartment bottle. 280,599, 9-17-85, Cl. D9-341.000.
reenberg, Isadore M. Eyelid accessory or similar article. 278,086, 3-19-85, Cl. D28-92.000.
reer, Roy E. Fishing lure. 281,806, 12-17-85, Cl. D22-27.000.
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  Winter, Roger D.; Gregg, James S.; and Skewis, Daniel R., 281,706, Cl. D20-43.000.
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regory, James C., III. Swing. 281,376, 11-19-85, Cl. D6-344.000.
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regory, John R. Face guard. 277,520, 2-12-85, Cl. D2-233.000.
regory, John R.; Parks, Gerald R.; and Dondero, John D., to Gregory, John R. Chest and shoulder protector. 278,280, 4-9-85, Cl. D2-27.000.
resham, David M.; Hu, Paul Y.; Richard, Maurice E.; Yenerich, Philip C.; and Zapfe, Roland, to International Business Machines Corporation. Tape cartridge or similar article. 277,851, 3-5-85, Cl. D14-11.000.
ressett, Charles A., Jr., to Fender Musical Instruments Corporation. Bridge assembly for guitars. 280,525, 9-10-85, Cl. D17-21.000.
ressett, Charles A., Jr.; Todd, Charles H., III; and Page, John F., to Fender Musical Instruments Corporation. Bridge saddle for guitars. 280,526, 9-10-85, Cl. D17-21.000.
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  Moggridge, William G.; Paulsen, David C.; Edens, Glenn T.; and Hobson, Stephen R., 280,622, Cl. D14-100.000.
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riffiths, Edward E. Joy stick console for remote position and engine control of a crane or the like. 277,795, 2-26-85, Cl. D34-35.000.
rimes, Gary E., to Timex Computer Corporation. Personal color computer. 279,983, 8-6-85, Cl. D14-100.000.
rimes, Gary E., to Timex Computer Corporation. Computer cartridge. 280,413, 9-3-85, Cl. D14-114.000.
rimes, Gary E., to U.S. Philips Corporation. Loudspeaker. 280,985, 10-15-85, Cl. D14-34.000.
rip, John A.; and Morris, Edward, to American Cyanamid Company. Combined bottle and cap. 279,654, 7-16-85, Cl. D9-404.000.
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roetzner, Kurt; and Wurst, Bert, to Robert Bosch GmbH. Circuit board testing equipment. 281,234, 11-5-85, Cl. D10-75.000.
rohmann, Hubert; and Nilsson, Halvard, to Gislaved Aktiebolag. Vehicle tire. 278,696, 5-7-85, Cl. D12-147.000.
romer, Robert D., Jr., to Goldblatt Tool Co. Adjustable trestle. 280,440, 9-3-85, Cl. D25-67.000.
ronborg, Jan; and Persson, Lars, to Svensk Sportutveckling AB. Face protecting mask. 280,460, 9-10-85, Cl. D2-233.000.
roth, Cynthia L. Christmas tree skirt with pockets. 280,979, 10-15-85, Cl. D11-130.000.
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roves, Michael H., to Stanley Works Limited, The. Planing tool. 281,857, 12-24-85, Cl. D8-101.000.
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rube, Clifford E., to Associated Mills, Inc. Water filter. 277,305, 1-22-85, Cl. D23-3.000.
rube, Clifford E., to Associated Mills, Inc. Ashtray. 280,555, 9-10-85, Cl. D27-27.000.
rube, Clifford E., to Associated Mills, Inc. Air cleaner. 281,618, 12-3-85, Cl. D23-149.000.
Grun, Otto. Aquatic sculpture or similar article. 281,592, 12-3-85, Cl. D11-135.000.
Grung, Geir, to Moss Rosenberg Verft A/S. Ship. 280,613, 9-17-85, Cl. D12-315.000.
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  Mitchell, Michael, 280,506, Cl. D14-62.000.
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  Caldwell, David H.; and Hurley, Robert M., 279,655, Cl. D9-418.000.
  Fraley, Lawrence R.; and Westlund, Arnold E., Jr., 281,355, Cl. D26-2.000.
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Guenat, Robert. Cultivating tower for plants, flowers or the like. 281,406, 11-19-85, Cl. D11-153.000.
Guenther, John G. Telephone handset. 281,598, 12-3-85, Cl. D14-53.000.
Guerra, Manuel B., Jr. Support for phonograph records during cleaning or the like. 278,204, 4-2-85, Cl. D8-71.000.
Guertin, Raymond J.; Kang, Chuhong; and Matthews, Peter P., to Brown & Sharpe Manufacturing Company. Surface grinding machine. 277,757, 2-26-85, Cl. D15-124.000.
Gugler, Donald. Baby seat attachment for shopping carts. 281,365, 11-12-85, Cl. D34-27.000.
Guichard, Francois. Overload-protected electrical receptacle-multiplying plug or similar article. 281,417, 11-19-85, Cl. D13-28.000.
Guichard, Gary D.: *See—*
  Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 279,929, Cl. D26-122.000.
  Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 281,594, Cl. D12-169.000.
  Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 281,872, Cl. D12-169.000.
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Gulotta, Gerald D., to Corning Glass Works. Serving dish or the like. 277,251, 1-22-85, Cl. D7-20.000.
Gulotta, Gerald D., to Corning Glass Works. Cover for a baking dish or the like. 277,252, 1-22-85, Cl. D7-40.000.
Gulyaev, Bronislav I.: *See—*
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Gunnells, Marcul L. Paint can support for a ladder. 276,977, 1-1-85, Cl. D8-373.000.
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Gunzel, Rudolph M., Jr.; Hale, Thomas K.; and Shimano, Moto, to Chevron Research Company. Garden sprayer. 281,899, 12-24-85, Cl. D23-18.000.
Gunzel, Rudolph M., Jr.; Hale, Thomas K.; and Shimano, Moto, to Chevron Research Company. Lawn sprayer. 281,900, 12-24-85, Cl. D23-18.000.
Gunzi, Laurence A., to Spiralux Limited. Combined typewriter and cover therefor. 280,732, 9-24-85, Cl. D18-1.000.
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  Pavlov, Todor; and Gupta, Badri, 281,717, Cl. D23-136.000.
Gurolnick, William R., to Gold Eagle Co. Bottle or similar article. 278,975, 5-28-85, Cl. D9-370.000.
Gurule, Jack L. Clothing hanger support. 278,291, 4-9-85, Cl. D6-328.000.
Guscott, John K.; Beeson, Kenneth E.; Dyer, Hugh D.; Vulgaris, George; and Thornton, H. Patrick, to American District Telegraph Company. Infrared intrusion detector system housing. 279,871, 7-30-85, Cl. D10-106.000.
Gushiken, Shigeki; Kogane, Hiroyuki; Aoki, Masahide; Kiyota, Toru; and Fujii, Takashi, to Hitachi, Ltd. Television receiver. 281,778, 12-17-85, Cl. D14-80.000.
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Gustafson, Linda G. Garment sleeve. 278,566, 4-30-85, Cl. D2-25.000.

Gustafsson, Regis, to Vilhelmina Plast AB. Staff for a pennant. 281,407, 11-19-85, Cl. D11-181.000.
Gustavsson, Lennart; and Maatta, Osten, to Flakt Aktiebolag. Venturi wall for wet separators and the like. 281,620, 12-3-85, Cl. D23-163.000.
Guthrie, George L. Tear bar for a printer. 277,012, 1-1-85, Cl. D18-22.000.
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Guzzini, Silvio, to F.lli Guzzini S.p.A. Combined packaging container and cover with a crowned bead. 278,680, 5-7-85, Cl. D9-352.000.
Gwathmey, Charles; and Siegel, Robert, to Knoll International, Inc. Table. 278,577, 4-30-85, Cl. D6-484.000.
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Decker, Larry L.; and Decker, Roger L., 280,120, Cl. D21-229.000.
Haag, John H., Sr., to Ball Corporation. Packaging container. 280,075, 8-13-85, Cl. D9-370.000.
Haag, John H., Sr., to Ball Corporation. Combined packaging container and lid. 280,076, 8-13-85, Cl. D9-370.000.
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Haas, Ulrich J., to Optyl Corporation. Eyeglass frame. 277,290, 1-22-85, Cl. D16-117.000.
Haas, Ulrich J., to Optyl Eyewear Fashion International Corporation. Eyeglass frame. 280,106, 8-13-85, Cl. D16-102.000.
Haas, Ulrich J., to Optyl Eyewear Fashion International Corporation. Eyeglass frame. 280,731, 9-24-85, Cl. D16-102.000.
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Hafer, Carl W.; and Schwoeppe, Eric S., to Procter & Gamble Company, The. Solid product elevator cup. 280,298, 8-27-85, Cl. D9-434.000.
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Hahn, William. Shoe sole. 277,809, 3-5-85, Cl. D2-320.000.
Hakanen, Allan, to Treston Oy. Pallet. 281,366, 11-12-85, Cl. D34-38.000.
Hakanson, Bo H.; and Lyngberg, Henning, to Landskrona Finans AB. Incontinence electric stimulator. 281,817, 12-17-85, Cl. D24-41.000.
Haker, Floyd H. Coupon distribution machine. 278,374, 4-9-85, Cl. D99-99.000.
Hakoda, Kouzou, to Ryobi Ltd. Cutter. 277,581, 2-12-85, Cl. D15-125.000.
Hakoda, Kouzou, to Ryobi Ltd. Cutter. 278,439, 4-16-85, Cl. D15-127.000.
Halbritter, David K. Combined decal and protective cover sheet. 280,334, 8-27-85, Cl. D20-11.000.
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Hall, Robert H. Pencil, pen and brush pallet. 279,583, 7-9-85, Cl. D19-77.000.
Hall, Walter D. Tire inspection unit. 277,866, 3-5-85, Cl. D15-199.000.
Hallen, Jan-Ake. Lighting unit for fiber optic systems. 277,413, 1-29-85, Cl. D26-27.000.
Hallmark, James C. Ring puzzle toy. 280,918, 10-8-85, Cl. D21-106.000.
Halloran, William X. Intramedullary rod having an s-shaped cross section. 279,502, 7-2-85, Cl. D24-33.000.
Halloran, William X. Grooved intramedullary rod. 279,503, 7-2-85, Cl. D24-33.000.
Halm, Hans, to Wilkinson Sword GmbH. Razor handle. 279,824, 7-23-85, Cl. D28-48.000.
Halsall, W. Norman. Flexible swing. 281,206, 11-5-85, Cl. D6-347.000.
Halsnes, Odd. Chain connector. 277,548, 2-12-85, Cl. D8-499.000.
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Hancock, Roy T. Convertible coupler. 281,489, 11-26-85, Cl. D12-162.000.
Hand, John. Foam-head shuttlecock. 279,207, 6-11-85, Cl. D21-207.000.
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Ferdinand, Irwin J.; Handler, Milton C.; Sylvan, Richard; and Baisch, Herbert, 280,370, Cl. D6-477.000.
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Handley, Charles L. Storage drawer for hair care implements. 277,441, 2-5-85, Cl. D6-510.000.
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Haney, Jack E.; Mager, Sue A.; and Mikolaitis, William B., to Standard Oil Company (Indiana). Bottle. 279,167, 6-11-85, Cl. D9-378.000.
Hanke, Rudolph, to Hama Hamaphot KG Hanke & Thomas. Film cutting apparatus. 278,441, 4-16-85, Cl. D16-40.000.
Hanke, Rudolph, to Hama Hamaphot KG Hanke & Thomas. Combined clamp and table stand for photography. 278,913, 5-21-85, Cl. D16-45.000.
Hanke, Rudolph, to Hama Hamaphot KG Hanke & Thomas. Clamp and table stand. 281,073, 10-22-85, Cl. D16-45.000.
Hanlon, Raymond J. Breathing device for athletes. 279,219, 6-11-85, Cl. D24-62.000.
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Hannah, Bruce R., to Knoll International, Inc. Desk. 277,152, 1-15-85, Cl. D6-423.000.
Hannah, Bruce R., to Knoll International, Inc. Credenza. 277,153, 1-15-85, Cl. D6-446.000.
Hannah, Bruce R., to Knoll International, Inc. Combined desk and return. 277,625, 2-19-85, Cl. D6-422.000.

- Hannemann, Wolfgang. Safety razor handle. 279,613, 7-9-85, Cl. D28-48.000.
- Hanorah Italiana S.p.A.: *See—*
  - De Mourgues, Alain, 281,672, Cl. D9-385.000.
  - Vitrac, Jean P., 280,181, Cl. D9-375.000.
- Hanover, Kenneth P., to McMorris & Associates, Inc. Tray module for use with computer hardware. 279,847, 7-30-85, Cl. D6-510.000.
- Hansen, David L. Aquatic exercise tank. 281,198, 10-29-85, Cl. D24-38.000.
- Hansen, Douglas P.: *See—*
  - Doring, A. Michael; and Hansen, Douglas P., 281,760, Cl. D8-18.000.
- Hansen, Erik L., to Rosti A/S. Garlic squeezer. 279,754, 7-23-85, Cl. D7-101.000.
- Hansen, H. Roland, Jr. Artificial flower arrangement. 281,768, 12-17-85, Cl. D11-117.000.
- Hanses, Ulf: *See—*
  - Norin, Mats; and Hanses, Ulf, 279,545, Cl. D8-51.000.
- Hanson, David J. Solar collector. 279,214, 6-11-85, Cl. D23-72.000.
- Hanson, Harold W., Jr., to An-Teak-Qua Company. Brush. 280,248, 8-20-85, Cl. D32-50.000.
- Hansson, Bill: *See—*
  - Bladh, Tommy; and Hansson, Bill, 281,654, Cl. D4-122.000.
- Hara, Kunio; and Yasutani, Shigeki, to Tokyo Shibaura Denki Kabushiki Kaisha. Reader for image information storing/retrieving machine. 277,101, 1-8-85, Cl. D14-107.000.
- Hara, Kunio; Sutoh, Shigeru; Okuyama, Tooru; and Fujii, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic copying machine. 278,152, 3-26-85, Cl. D16-31.000.
- Hara, Kunio; and Okuyama, Tooru, to Tokyo Shibaura Denki Kabushiki Kaisha. Sorter attachment for copiers. 280,636, 9-17-85, Cl. D16-32.000.
- Hara, Kunio; and Okuyama, Tooru, to Tokyo Shibaura Denki Kabushiki Kaisha. Original feeder for copying machine. 281,170, 10-29-85, Cl. D16-32.000.
- Hara, Kunio: *See—*
  - Okuyama, Tooru; Hara, Kunio; and Fujii, Kiyoshi, 280,205, Cl. D16-31.000.
- Harada, Yoshinori; and Kawata, Yoshiaki, to Matsushita Electric Industrial Co., Ltd. Television receiver. 281,603, 12-3-85, Cl. D14-82.000.
- Harden, Daniel K.: *See—*
  - Genaro, Donald M.; Harden, Daniel K.; and McGarvey, John N., 279,982, Cl. D14-60.000.
- Harden, James P.; Okcuoglu, Selahattin A.; Robards, Preston O., Jr.; Shakib, Iraj D.; and Souder, Thomas D., to International Business Machines Corporation. Print wheel cartridge. 280,641, 9-17-85, Cl. D18-12.000.
- Hardesty, Gary A. Electronic circuit control rack module. 278,522, 4-23-85, Cl. D13-12.000.
- Hardinge Brothers, Inc.: *See—*
  - Smith, Roger R., 278,245, Cl. D15-140.000.
  - Smith, Roger R., 278,344, Cl. D15-140.000.
- Hardtke, Russell V. Object for use in meditation and tranquilization. 278,175, 3-26-85, Cl. D99-25.000.
- Hardy, Bruce N. Microphone mounting stand. 278,233, 4-2-85, Cl. D14-13.000.
- Hardy, Sophia; and Wilson, John H. G. Portable self-contained surveillance and detection device. 280,804, 10-1-85, Cl. D10-75.000.
- Hardy, Terence, to L. B. (Plastics) Limited. Corner connector for use in the construction of a drawer. 277,156, 1-15-85, Cl. D6-510.000.
- Hardy, Terence, to L. B. (Plastics) Limited. Furniture drawer wall or similar article. 278,194, 4-2-85, Cl. D6-510.000.
- Hardy, Tommy R.: *See—*
  - Chamberlain, Edward; Hardy, Tommy R.; Leon, Nicholas M.; Mendel, Peter J.; and Sharp, Michael H., 278,063, Cl. D14-100.000.
- Harford Overseas Limited: *See—*
  - Harper, James B., 278,197, Cl. D7-27.000.
  - Harper, James B., 278,198, Cl. D7-27.000.
- Hargreaves, Wilson C. Fishing lure. 278,738, 5-7-85, Cl. D22-28.000.
- Hari & Associates, Inc.: *See—*
  - Matsuda, Hari, 280,366, Cl. D6-425.000.
- Harima, Atsuhiro: *See—*
  - Hayashi, Yoshimoto; Harima, Atsuhiro; and Tajima, Tsune, 277,132, Cl. D24-8.000.
- Harkins, Jack R.; Rahn, Henry J.; and Roche, David E., to Corning Glass Works. Magnetic separator. 280,130, 8-13-85, Cl. D24-21.000.
- Harley-Davidson Motor Co., Inc.: *See—*
  - Davidson, William G., 277,756, Cl. D15-1.000.
  - Davidson, William G., 279,294, Cl. D15-5.000.
  - Davidson, William G., 279,376, Cl. D15-5.000.
  - Davidson, William G., 280,990, Cl. D15-5.000.
  - Heiman, John A.; and Miller, Richard D., 278,225, Cl. D12-158.000.
  - Heiman, John A., 281,871, Cl. D12-114.000.
  - Johnson, Stanley A., 276,987, Cl. D12-114.000.
- Harley, Lucey. Combined display and information card for fabrics and yarns or the like. 278,833, 5-14-85, Cl. D19-1.000.
- Harley, Robert C. Telephone console support. 279,674, 7-16-85, Cl. D14-59.000.
- Harmeson, Harry L. Lips display. 277,740, 2-26-85, Cl. D11-157.000.
- Harmony, Daniel C.: *See—*
  - Minney, Stephen C.; and Harmony, Daniel C., 280,515, Cl. D15-146.000.
- Harnick, Robert, to Metal Stand Company. Cover for a chair base. 280,584, 9-17-85, Cl. D6-610.000.
- Haro Designs Inc.: *See—*
  - Haro, Robert B., 279,832, Cl. D2-377.000.
- Haro, Robert B., to Haro Designs Inc. Strip arrangement for gloves. 279,832, 7-30-85, Cl. D2-377.000.
- Harper, Alton A.: *See—*
  - Kramer, Joel A.; and Harper, Alton A., 277,342, Cl. D6-361.000.
  - Kramer, Joel A.; and Harper, Alton A., 277,345, Cl. D6-373.000.
  - Kramer, Joel A.; and Harper, Alton A., 278,582, Cl. D6-373.000.
  - Kramer, Joel A.; and Harper, Alton A., 280,686, Cl. D6-484.000.
- Harper, George S., to Airpax Corporation. Circuit breaker handle. 278,896, 5-21-85, Cl. D13-34.000.
- Harper, George S., to Airpax Corporation. Circuit breaker. 281,156, 10-29-85, Cl. D13-34.000.
- Harper, James B., to Harford Overseas Limited. Combined plate and glass holder. 278,197, 4-2-85, Cl. D7-27.000.
- Harper, James B., to Harford Overseas Limited. Combined plate and glass holder. 278,198, 4-2-85, Cl. D7-27.000.
- Harper Truck, Inc.: *See—*
  - Rousseau, Kenneth E., 278,373, Cl. D34-26.000.
- Harrell, Benjamin T. Transparent novelty glasses with photographic insert. 281,329, 11-12-85, Cl. D16-104.000.
- Harris, Joseph H. Paper money holder. 281,369, 11-12-85, Cl. D99-34.000.
- Harris, Ned, to American Cyanamid Company. Combined bottle and cap. 277,734, 2-26-85, Cl. D9-385.000.
- Harris, Ned, to American Cyanamid Company. Combined bottle and cap. 277,823, 3-5-85, Cl. D9-300.000.
- Harris, Ned, to American Cyanamid Company. Combined bottle and cap. 278,119, 3-26-85, Cl. D9-300.000.
- Harris, Ned, to American Cyanamid Company. Bottle. 278,122, 3-26-85, Cl. D9-385.000.
- Harris, Ned, to American Cyanamid Company. Bottle. 278,123, 3-26-85, Cl. D9-385.000.
- Harris, Ned, to American Cyanamid Company. Combined bottle and cap. 278,973, 5-28-85, Cl. D9-300.000.
- Harris, William H. Tooth crown remover. 281,531, 11-26-85, Cl. D24-10.000.
- Harrison, David E.; and Sanderson, George N., to Sanderson Plumbing Products, Inc. Combined toilet seat and cover. 278,845, 5-14-85, Cl. D23-71.000.
- Harrison, David E.; and Sanderson, George N., to Sanderson Plumbing Products, Inc. Combined toilet seat and cover. 278,846, 5-14-85, Cl. D23-71.000.
- Harrison, Jeffrey F., to Kallista Baths, Inc. Bathtub. 279,702, 7-16-85, Cl. D23-55.000.
- Harrison, Mark, to Connoisseurs Products Corporation. Electrosonic cleaning bath enclosure. 281,539, 11-26-85, Cl. D32-1.000.
- Harrison, Stephen M.: *See—*
  - Rumbarger, David P., Jr.; Campbell, Bobby J.; and Harrison, Stephen M., 280,727, Cl. D15-7.000.
- Harrod, Lawrence R., to Pines of America, Inc. Toy motorcycle. 281,793, 12-17-85, Cl. D21-80.000.
- Harte, Richard A.: *See—*
  - Chen, Anthony B.; Harte, Richard A.; and Kaufman, Nancy K., 279,817, Cl. D24-29.000.
- Hartmann Luggage Company: *See—*
  - Katz, Ira R.; and Davis, Robert P., 278,480, Cl. D3-71.000.
  - Katz, Ira R.; and Davis, Robert P., 278,857, Cl. D3-52.000.
  - Katz, Ira R.; and Davis, Robert P., 278,858, Cl. D3-71.000.
  - Katz, Ira R.; and Davis, Robert P., 278,859, Cl. D3-71.000.
  - Katz, Ira R.; and Davis, Robert P., 278,860, Cl. D3-71.000.
  - Katz, Ira R.; and Davis, Robert P., 278,862, Cl. D3-76.000.
  - Katz, Ira R.; and Davis, Robert P., 281,741, Cl. D3-48.000.
- Hartmann, Udo; Stoller, Mark W.; and Grandy, Kenneth N., to Master Lock Company. Hasp. 281,949, 12-31-85, Cl. D8-345.000.
- Hartney, Sheryl J., to Saab-Scania of America, Inc. Document organizer. 278,445, 4-16-85, Cl. D19-26.000.
- Hartsell, James G. Owl calling whistle. 279,658, 7-16-85, Cl. D10-119.000.
- Hartung, Philip F. Bottle. 281,302, 11-12-85, Cl. D9-370.000.
- Hartwick, Don. Feeder accessory for a bird cage. 278,372, 4-9-85, Cl. D30-14.000.
- Haruguchi, Kenichi; and Ito, Yukiko, to Sharp Corporation. Electric shaver. 277,036, 1-1-85, Cl. D28-51.000.
- Haruguchi, Kenichi; Ito, Yukiko; Yamagami, Masafumi; and Yokoyama, Shinichi, to Sharp Corporation. Electric shaver. 279,722, 7-16-85, Cl. D28-50.000.
- Harvey, Edward B., to E. B. Harvey & Co. Watch. 277,081, 1-8-85, Cl. D10-33.000.
- Harwell, Betty L. Booster fan and deflector for floor vent. 280,339, 8-27-85, Cl. D23-155.000.
- Hasan, Jameel R. Hat. 278,756, 5-14-85, Cl. D2-244.000.
- Hasbro Industries, Inc.: *See—*
  - D'Ambra, Americo, Jr.; and Nichols, Kenneth, 278,257, Cl. D21-114.000.
  - Eddins, Fred D.; and Perry, Francis V., Jr., 279,492, Cl. D21-89.000.
  - Feroce, John; Lallier, Maurice; and Eden, George, 280,675, Cl. D2-400.000.
  - Knight, Elizabeth; and Barlik, Richard, 278,448, Cl. D21-116.000.
  - Zacherle, Bonnie; Nichols, Ken; and Knight, Elizabeth, 280,754, Cl. D21-166.000.
- Hashiba, Takeo: *See—*
  - Wada, Naoki; Saito, Tomitaro; and Hashiba, Takeo, 277,566, Cl. D14-6.000.

- Hashiguchi, Hiroichi: *See—*
  - Takagi, Hisamitsu; Hashiguchi, Hiroichi; and Takehara, Tomoyuki, 278,626, Cl. D14-53.000.
- Hashimoto, Kazunori; Iwasaki, Masakatu; and Chiba, Noboru, to Hitachi, Ltd. Video tape recorder. 277,849, 3-5-85, Cl. D14-2.000.
- Hashimoto, Masaki. Rim for bicycles. 281,967, 12-31-85, Cl. D12-208.000.
- Hashimoto, Masanori, to Ricoh Company, Ltd. Printer. 280,724, 9-24-85, Cl. D14-111.000.
- Haskell, George O., III; and Perzinski, Francis J., to Southern Chemical Products Co. Soap dispenser. 279,063, 6-4-85, Cl. D6-545.000.
- Haskins, Steve W.: *See—*
  - Menn, Walter A.; Sarkis, Alexander, Jr; Haskins, Steve W.; Barber, Eugene; and Sharp, James M., 278,053, Cl. D14-53.000.
- Hasuike, Makio, to Poltrona Frau S.p.A. Luggage case. 278,861, 5-21-85, Cl. D3-72.000.
- Hatch, Edwin B., to Brunswick Corporation. Front cover for a fishing reel. 280,657, 9-17-85, Cl. D22-25.000.
- Hatch, Edwin B.: *See—*
  - Miller, Vernon R.; and Hatch, Edwin B., 280,541, Cl. D22-25.000.
  - Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,539, Cl. D22-25.000.
  - Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,540, Cl. D22-25.000.
- Hatcher, David O.: *See—*
  - Fudala, Walter N.; and Hatcher, David O., 279,441, Cl. D6-474.000.
- Hathorne, Robert H. Boat motor mount. 279,561, 7-9-85, Cl. D12-317.000.
- Hattori, Kenneth M., to Emhart Industries, Inc. Smoke alarm. 277,836, 3-5-85, Cl. D10-106.000.
- Hattori, Kenneth M., Jr., to Hedman Company, The. Continuous form check signer. 277,680, 2-19-85, Cl. D18-5.000.
- Hattori, Shigeru, to Honda Giken Kogyo Kabushiki Kaisha. Fuel tank for motorcycle. 281,486, 11-26-85, Cl. D12-155.000.
- Hattori, Shigeru: *See—*
  - Hoshi, Norio; and Hattori, Shigeru, 277,659, Cl. D12-110.000.
- Hattori, Shinjiro, to Seiko Instruments & Electronics Ltd. Pocket watch. 278,037, 3-19-85, Cl D10-30.000.
- Hattori, Yasuo; Kame, Masaharu; and Sakurada, Masahiko, to Olympus Optical Co., Ltd. Automatic chemical analyzer. 281,310, 11-12-85, Cl. D10-81.000.
- Haupt, Linda: *See—*
  - Kirshner, David M.; Paris, Patricia; Bollinger, Howard N.; Goldberg, Dale I.; Abbott, Jane C.; and Haupt, Linda, 281,004, Cl. D21-171.000.
- Haupt, Ruth R.: *See—*
  - Cohorst, Timothy J.; and Haupt, Ruth R., 278,731, Cl. D21-148.000.
- Haus, Ralph A., to International Business Machines Corporation. Stand for display and keyboard or the like. 277,914, 3-12-85, Cl. D6-431.000.
- Hauser, Richard F., to Trim, Inc. Picture frame. 277,063, 1-8-85, Cl. D6-303.000.
- Hausman, Marcian C. Easel for prone individual. 278,496, 4-23-85, Cl. D6-310.000.
- Haute Fourneau et Fonderies de Cousances: *See—*
  - Geiser, Michel B., 281,481, Cl. D7-361.000.
- Hauville, Jean R. Book holder. 280,869, 10-8-85, Cl. D6-310.000.
- Havens, Herbert J., Jr., to Dix, Allen K. Steering wheel for trolling motors. 279,679, 7-16-85, Cl. D15-4.000.
- Hawk, Johnna B.: *See—*
  - Savitz, Steven R.; Hawk, Johnna B.; Graham, Henry A., Jr.; and Chachowski, Rosemary K., 278,653, Cl. D24-22.000.
- Haworth Mfg., Inc.: *See—*
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- Hayakawa, Toshio: *See—*
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- Hayashi Denki Co., Ltd.: *See—*
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- Hayashi, Shigeaki; Sawada, Masaji; Sakaguchi, Hiroshi; and Yamada, Kazuo, to Sharp Corporation. Electronic printing calculator. 280,418, 9-3-85, Cl. D18-7.000.
- Hayashi, Shigeaki: *See—*
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 278,156, Cl. D18-7.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 279,106, Cl. D18-7.000.
  - Sawada, Masaji; Hayashi, Shigeaki; Sakaguchi, Hiroshi; and Yamada, Kazuo, 280,209, Cl. D18-7.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 281,435, Cl. D18-7.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 281,886, Cl. D18-7.000.
- Hayashi, Toru. Paper scissors. 277,450, 2-5-85, Cl. D8-57.000.
- Hayashi, Toru. Paper cutting knife. 279,076, 6-4-85, Cl. D8-102.000.
- Hayashi, Yoshimoto; Harima, Atsuhiro; and Tajima, Tsune, to Hayashi Denki Co., Ltd. Small animal holder for use with apparatus measuring blood pressure of small animal. 277,132, 1-8-85, Cl. D24-8.000.
- Hayden, Glenn M.; Miglins, Erik; and Deovlet, Larry. Hand-held vacuum cleaner. 277,516, 2-5-85. Cl. D32-18.000.
- Hayes, Robert R.; and Frost, George H., to Oatey Co. Planing tool. 277,641, 2-19-85, Cl. D8-101.000.
- Hayes, Ronald G., to L. R. Nelson Corporation. Lawn sprinkler. 281,996, 12-31-85, Cl. D23-8.000.
- Haynes, Charles W. Turn signal lens. 280,666, 9-17-85, Cl. D26-125.000.
- Haythornthwaite, Peter F., to Stack Manufacturing Company Limited, The. Heater. 281,809, 12-17-85, Cl. D23-97.000.
- Haythornthwaite, Peter F., to Stack Manufacturing Company Limited, The. Heater. 281,810, 12-17-85, Cl. D23-97.000.
- Hayward, William K. Marking out tool. 277,366, 1-29-85, Cl. D10-62.000.
- Hazama, Shigetoshi; Sawa, Shuzo; Ikeda, Matafumi; and Esaki, Akira, to Sharp Corporation. Oil heater. 277,600, 2-12-85, Cl. D23-123.000.
- Hazley, Willie J. Shoe protector. 281,739, 12-17-85, Cl. D2-314.000.
- Health Enterprises, Inc.: *See—*
  - Leman, Arthur L., 281,225, Cl. D9-341.000.
- HealthScan Inc.: *See—*
  - Alvino, Frank J., 280,765, Cl. D24-62.000.
- Heap, Jean W., to Pendelfin Studios Limited. Table ornament. 280,714, 9-24-85, Cl. D11-157.000.
- Heap, Jean W., to Pendelfin Studios Limited. Table ornament. 280,715, 9-24-85, Cl. D11-158.000.
- Heard, James C. Trailer stand. 279,661, 7-16-85, Cl. D12-106.000.
- Heart of Texas Region Mental Health Mental Retardation Center: *See—*
  - Vasquez, Julian; and Anderson, Samantha R., 279,942, Cl. D6-332.000.
- Heber, Larry P.; and Penza, Blayde M., to IDS Products, Inc. Baby bottle holder. 277,700, 2-19-85, Cl. D24-48.000.
- Hedlund, Raymond J., to Kelsey-Hayes Company. Vehicle wheel center. 276,993, 1-1-85, Cl. D12-211.000.
- Hedlund, Raymond J. Vehicle wheel center. 277,842, 3-5-85, Cl. D12-211.000.
- Hedlund, Raymond J. Vehicle wheel center. 279,180, 6-11-85, Cl. D12-211.000.
- Hedman Company, The: *See—*
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- Heel Shield, Inc.: *See—*
  - Cross, Lance D., 278,184, Cl. D2-277.000.
- Hegg, Allan B.; Makowski, Lloyd S.; and Phares, James S., to Century Boat Company. Boat hull. 280,808, 10-1-85, Cl. D12-314.000.
- Heggeland, Bruce: *See—*
  - Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Ricard D.; and Heggeland, Bruce, 278,195, Cl. D6-373.000.
- Heideman, Robert J.; and Dressell, Richard G., Jr., to Enertrols, Inc. Hydraulic shock absorber. 281,772, 12-17-85, Cl. D12-159.000.
- Heier, Richard L. Thread protector for pipes. 281,350, 11-12-85, Cl. D23-41.000.
- Heim, Henry J.; and Ender, Alfred R., to AT&T Technologies, Inc. Teleconferencing telephone set control panel. 277,181, 1-15-85, Cl. D14-60.000.
- Heiman, Don C.: *See—*
  - Dalton, Michael E., 280,704, Cl. D9-337.000.
- Heiman, John A.; and Miller, Richard D., to Harley-Davidson Motor Co., Inc. Motorcycle saddlebag. 278,225, 4-2-85, Cl. D12-158.000.
- Heiman, John A., to Harley-Davidson Motor Co., Inc. Motorcycle combined radio and speaker support. 281,871, 12-24-85, Cl. D12-114.000.
- Heimovics, John G.; Robbins, Richard J.; Fee, Robert W.; and Liu, Shau-Min, to Brunswick Corporation. Fishing reel. 281,093, 10-22-85, Cl. D22-25.000.
- Heine, Robert A. Carrying bag for wader's boots. 279,234, 6-18-85, Cl. D3-38.000.
- Heinfling, Martin, to Englishtown Sportswear, Ltd. Pocket for jeans or the like. 278,375, 4-16-85, Cl. D2-28.000.
- Heinfling, Martin, to Englishtown Sportswear, Ltd. Pocket for jeans or the like. 278,376, 4-16-85, Cl. D2-28.000.
- Heinfling, Martin, to Englishtown Sportswear, Ltd. Pocket for jeans or the like. 278,377, 4-16-85, Cl. D2-28.000.
- Heinfling, Martin, to Englishtown Sportswear, Ltd. Pocket for jeans or the like. 278,378, 4-16-85, Cl. D2-28.000.
- Heinfling, Martin, to Englishtown Sportswear, Ltd. Pocket for jeans or the like. 278,379, 4-16-85, Cl. D2-28.000.
- Heinfling, Martin, to Englishtown Sportswear, Ltd. Pocket for jeans or the like. 278,471, 4-23-85, Cl. D2-28.000.
- Heinrich Kuhn Metallwarenfabrik AG: *See—*
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- Helen of Troy Corporation: *See—*
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- Helena Rubinstein, Inc.: *See—*
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- Helene Curtis Industries, Inc.: *See—*
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- Helfer, Joel N., to Chesebrough-Pond's Inc. Mouthpiece for a spirometer device. 281,011, 10-15-85, Cl. D24-17.000.
- Heliton, Roy D. Photographic display apparatus. 279,796, 7-23-85, Cl. D19-26.000.
- Hellberg, Arne, to Hellberg Protection AB. Pocket adapter for fitting an accesory to a safety helmet. 279,231, 6-18-85, Cl. D2-260.000.
- Hellberg, Goran, to Hellberg Protection Handelsbolag. Face shield mounting holder for protective helmets. 276,950, 1-1-85, Cl. D2-233.000.
- Hellberg Protection AB: *See—*
  - Hellberg, Arne, 279,231, Cl. D2-260.000.
- Hellberg Protection Handelsbolag: *See—*
  - Hellberg, Goran, 276,950, Cl. D2-233.000.
- Hellden, Arne H., to Aktiebolaget Overums Bruk. Plough share tip. 277,860, 3-5-85, Cl. D15-11.000.

Hellman, Kosti T.; and Sivonen, Lauri M., to Orion-Yhtyma Oy. Stopper for plastic or glass tubes for use in taking, transportation and preserving bacteriological samples. 277,786, 2-26-85, Cl. D24-29.000.
Helmer, Henry W. Pallet. 279,418, 6-25-85, Cl. D34-38.000.
Helmer, Henry W. Pallet. 279,617, 7-9-85, Cl. D34-38.000.
Helmholdt, Charles D., to Haworth Mfg., Inc. Chair. 277,143, 1-15-85, Cl. D6-366.000.
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Hemrich, William R., Jr.; and Bluestein, Bernard B., to Sunbeam Corporation. Hair curler set. 277,418, 1-29-85, Cl. D28-38.000.
Henderson, Charles. Airplane. 278,226, 4-2-85, Cl. D12-319.000.
Henderson, Charles. Airplane. 281,680, 12-10-85, Cl. D12-333.000.
Hengesbach, Robert W. Belt-supported canister holster. 281,830, 12-24-85, Cl. D2-400.000.
Henkels, Walter. Combined holder for a writing instrument and covered receptacle. 278,641, 4-30-85, Cl. D19-77.000.
Henkels, Walter. Combined holder for writing instruments and note paper. 279,015, 5-28-85, Cl. D19-78.000.
Henkels, Walter. Table clock. 279,268, 6-18-85, Cl. D10-26.000.
Henkels, Walter. Thermometer. 280,184, 8-20-85, Cl. D10-58.000.
Henkle, Ted. Piano lid height adjuster block. 277,764, 2-26-85, Cl. D17-9.000.
Henrard, Jose, to Thomson-Brandt. Computer. 281,781, 12-17-85, Cl. D14-100.000.
Henry, Robert T. Mattress cover. 280,169, 8-20-85, Cl. D6-603.000.
Hensel, Anne, to Joseph Love, Inc. Dress. 279,831, 7-30-85, Cl. D2-49.000.
Hensley, Heinz H., to Lillian Hensley Unternehmensberatungs GmbH. Game accessory holder. 281,259, 11-5-85, Cl. D21-54.000.
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Higgins, Bob J., to Trans-Aire International, Inc. Van seat. 280,471, 9-10-85, Cl. D6-356.000.
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Highstreet, Rebecca A.; Shield, Raymond G.; and Jensen, Nancy A., to Signet Scientific Co. Digital depth meter. 281,309, 11-12-85, Cl. D10-70.000.
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Hill, I. David, to Wolverine World Wide, Inc. Athletic shoe. 281,927, 12-31-85, Cl. D2-310.000.
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- Holden, M. James, to Mobil Oil Corporation. Packaging tray. 280,297, 8-27-85, Cl. D9-425.000.
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- Holewinski, Robert D., to J & J Dental Products Company. Packaging container for dental materials. 281,146, 10-29-85, Cl. D9-345.000.
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- Holliman, Deloris J. Tray for holding video game controllers. 279,845, 7-30-85, Cl. D6-406.000.
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  - West, Haywood L., 278,488, Cl. D6-508.000.
- Hoover Company, The: *See—*
  - Essex, John D., 279,614, Cl. D32-21.000.
  - Essex, John D., 279,615, Cl. D32-21.000.
  - Wareham, Richard A., 277,706, Cl. D32-18.000.
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- Hop Lee Cheong Industrial Co. Ltd.: *See—*
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  - Mak, Kai S., 279,490, Cl. D21-59.000.
- Hope, Michael J.: *See—*
  - Gehr, Norbert; and Hope, Michael J., 277,370, Cl. D13-29.000.
- Hopfer, Hans, to Alex Synn AG. Seat. 280,153, 8-20-85, Cl. D6-378.000.
- Hopfer, Hans, to Alex Synn AG. Seat. 280,364, 9-3-85, Cl. D6-334.000.
- Hopfer, Hans, to Alex Synn AG. Sofa. 280,365, 9-3-85, Cl. D6-334.000.
- Hopfer, Hans, to Alex Synn AG. Combined sofa and adjustable legrest. 280,955, 10-15-85, Cl. D6-361.000.
- Hopfer, Hans, to Alex Synn AG. Sofa bed or similar article. 281,839, 12-24-85, Cl. D6-335.000.
- Hopkins Engineering Company: *See—*
  - Stone, Davis P., 278,624, Cl. D13-24.000.
- Hoppe, Rolf. Desk. 281,294, 11-12-85, Cl. D6-422.000.
- Hopper, Patricia: *See—*
  - Baird, Roger W.; and Hopper, Patricia, 278,521, Cl. D11-153.000.
- Horgan Investments Pty. Ltd.: *See—*
  - Horgan, Robert H. R., 278,348, Cl. D16-135.000.
- Horgan, Robert H. R., to Horgan Investments Pty. Ltd. Magnifier viewing unit. 278,348, 4-9-85, Cl. D16-135.000.
- Hori, Susumu; Kaneko, Shinichi; and Suzuki, Hiroaki, to General Corporation, The. Cash register or similar article. 279,382, 6-25-85, Cl. D18-4.000.
- Horie, Hideyuki: *See—*
  - Sutoh, Shigeru; and Horie, Hideyuki, 280,104, Cl. D16-31.000.
- Horlogerie Photographique Francaise: *See—*
  - Endt, Evert, 280,324, Cl. D14-53.000.
- Horn, Dieter H. G. Scuff. 280,461, 9-10-85, Cl. D2-282.000.
- Horn, Douglas M.: *See—*
  - Slovak, Jack P.; Slovak, Robert A.; and Horn, Douglas M., 278,650, Cl. D23-3.000.
- Hornak, Michael A., to Calnetics Corporation. Valve adaptor for LPG fuel tank. 278,651, 4-30-85, Cl. D23-40.000.
- Horne, Gary D., to High Technology Solutions, Inc. Keyboard. 277,284, 1-22-85, Cl. D14-100.000.
- Horner, Tommy D. Boot jack. 277,997, 3-19-85, Cl. D2-378.200.
- Hornick, Louis, II; and Hornick, Morton, to Louis Hornick & Co., Inc. Bedspread. 280,168, 8-20-85, Cl. D6-603.000.
- Hornick, Morton: *See—*
  - Hornick, Louis, II; and Hornick, Morton, 280,168, Cl. D6-603.000.
- Horox, Joan R. Hospital gown. 279,040, 6-4-85, Cl. D2-25.000.
- Horst, Paul V., Sr.; Hoyt, Charles D.; and Velazquez, Joseph E., to Crockett & Kelly, Inc. Space heater. 277,780, 2-26-85, Cl. D23-122.000.
- Horst, Paul V., Sr., to Crockett & Kelly, Inc. Space heater. 281,811, 12-17-85, Cl. D23-122.000.
- Hoshi, Norio; and Hattori, Shigeru, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle. 277,659, 2-19-85, Cl. D12-110.000.
- Hoshina, Noriyuki, to Toyo Radiator Co., Ltd. Oil cooler. 278,619, 4-30-85, Cl. D12-166.000.
- Hoshino, Kiyoshi: *See—*
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  - Sato, Yoshiyuki; and Hoshino, Kiyoshi, 279,862, Cl. D8-61.000.
- Hoshino, Kunio: *See—*
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- Hoskins, Nathan D. Top opener. 279,861, 7-30-85, Cl. D8-39.000.
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  - Maki, Mitsuo; Hosoo, Tomohiro; and Kikukawa, Katsuyoshi, 278,157, Cl. D19-51.000.
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- Hostetler, Paul E. Screen door. 277,138, 1-8-85, Cl. D25-49.000.
- Houlihan, John T., to Timex Medical Products Corporation. Digital sphygmomanometer. 277,133, 1-8-85, Cl. D24-17.000.
- Houlihan, John T.; and Halicho, James J., to Timex Corporation. Watch. 278,130, 3-26-85, Cl. D10-38.000.
- Houlihan, John T., to Timex Corporation. Watch case. 278,315, 4-9-85, Cl. D10-30.000.
- Houlihan, John T.; and Dorfman, Leonard M., to Timex Corporation. Electro-optic display for a timepiece. 278,986, 5-28-85, Cl. D10-125.000.
- Hova, Mordechi. Telephone. 281,242, 11-5-85, Cl. D14-53.000.
- Howard Enterprises, Inc.: *See—*
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- Howard, Gale V. Sit-up exercise device. 281,267, 11-5-85, Cl. D21-191.000.
- Howard, James T.; and Howard, Mary W. Doorknob privacy sign. 280,646, 9-17-85, Cl. D20-40.000.
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- Howitt, Robert T., to Frem Corporation. Combined stackable and nestable bin. 278,563, 4-23-85, Cl. D34-40.000.
- Hoye, Thomas M. Beverage holder for boats. 280,263, 8-27-85, Cl. D3-40.000.
- Hoyle, Steven, to M. Gill Limited. Mould tray for dental models. 278,849, 5-14-85, Cl. D24-10.000.
- Hoyle, Walter W.; and Barkley, David, to Carrier Corporation. Casing for a packaged air conditioning unit. 278,847, 5-14-85, Cl. D23-144.000.
- Hoyle, Walter W., to Carrier Corporation. Fan coil unit for an air conditioning system. 278,848, 5-14-85, Cl. D23-144.000.
- Hoyt, Charles D.: *See—*
  - Horst, Paul V., Sr.; Hoyt, Charles D.; and Velazquez, Joseph E., 277,780, Cl. D23-122.000.
- Hoyt, Earl. Wall-mounted dispenser. 277,910, 3-12-85, Cl. D6-545.000.
- Hoyt, Earl E., to Johnson & Johnson Products Inc. Bottle. 278,118, 3-26-85, Cl. D9-403.000.
- Hozeski, Kenneth W.: *See—*
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- Hsei, Paul K.: *See—*
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- HSS Industries, Inc.: *See—*
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- Hsu, Shin-Chen. Detachable side luggage case for motorcycle. 280,806, 10-1-85, Cl. D12-158.000.
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  - Gresham, David M.; Hu, Paul Y.; Richard, Maurice E.; Yenerich, Philip C.; and Zapfe, Roland, 277,851, Cl. D14-11.000.
- Huang, Chi-Hao. Coaxial switch. 277,847, 3-5-85, Cl. D13-32.000.
- Huang, Tien T. Combined pen, watch and tire pressure gauge. 280,215, 8-20-85, Cl. D19-36.000.
- Hubachek, Louis H. Jewelry pin. 279,360, 6-25-85, Cl. D11-71.000.
- Hubbard, James R., to Graphic Controls Corporation. Catheter flush flow control device. 279,407, 6-25-85, Cl. D24-53.000.

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  Meier, Otto; and Huber, Felix, 278,332, Cl. D13-35.000.
  Meier, Otto; and Huber, Felix, 280,502, Cl. D13-35.000.
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  Collins, Gerald W., 280,118, Cl. D21-194.000.
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  Martin, Jeffery G.; and Downing, Verlon D., 277,838, Cl. D12-125.000.
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Hughes, Sarah C. Brush for removing corn silk. 278,100, 3-26-85, Cl. D4-135.000.
Hull, James R. Convertible bed. 277,054, 1-8-85, Cl. D6-393.000.
Hull, James R. Convertible bed. 277,348, 1-29-85, Cl. D6-384.000.
Hull, James R. Combined bunk bed, desk and storage unit. 277,433, 2-5-85, Cl. D6-384.000.
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Hung, Kung C., to Freezinhot Bottle Company Limited. Torch. 278,936, 5-21-85, Cl. D26-49.000.
Hung, Michael. Mini air compressor and the like. 277,675, 2-19-85, Cl. D15-7.000.
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  Wan, Albert Y., 279,950, Cl. D7-73.000.
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Hunsaker, Gary B. Mud guard for inside of wheel of off-road vehicle. 277,746, 2-26-85, Cl. D12-184.000.
Hunt, Dale A. Taco holder. 279,160, 6-11-85, Cl. D7-76.000.
Hunt, Thomas C. Vehicle body straightening tiltable rack. 281,072, 10-22-85, Cl. D15-199.000.
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Hutchinson, Danstan R. Wall mounted bar. 277,530, 2-12-85, Cl. D6-561.000.
Hutchinson, Thomas. Ski boot attachment. 277,899, 3-12-85, Cl. D2-317.000.
Hutter, Wayne R.; Moses, Paul J.; and Kosinski, James E., to Dow Chemical Company, The. Thermoplastic panel for storing a thermal energy storage material. 281,008, 10-15-85, Cl. D23-72.000.
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  Moses, Paul J.; Kosinski, James E.; and Hutter, Wayne R., 281,009, Cl. D23-72.000.
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Hutz, John A., to Uniroyal, Inc. Pneumatic tire tread and buttress. 279,281, 6-18-85, Cl. D12-149.000.
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Ibrahimpasic, Ibrahim. Edge finder. 277,083, 1-8-85, Cl. D10-61.000.
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Ichikawa, Takashi, to Shachihata Industry Co., Ltd. Combined stamp and cap therefor. 280,644, 9-17-85, Cl. D18-15.000.
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Iinuma, Kanji; and Kameda, Yasuhisa, to Daiwa Seiko, Inc. Fishing reel. 281,347, 11-12-85, Cl. D22-25.000.
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- Imada, Michio, to Olympus Optical Co., Ltd. Operating assembly of an endoscope. 277,405, 1-29-85, Cl. D24-17.000.
- Imada, Michio, to Olympus Optical Co., Ltd. Operating assembly of an endoscope. 277,406, 1-29-85, Cl. D24-17.000.
- Imada, Michio, to Olympus Optical Co., Ltd. Operating assembly of an endoscope. 277,407, 1-29-85, Cl. D24-17.000.
- Imada, Michio; and Toyoguchi, Kyo, to Olympus Optical Co., Ltd. Electrophotographic copying machine. 280,634, 9-17-85, Cl. D16-31.000.
- Imada, Michio, to Olympus Optical Co., Ltd. Electrophotographic copying machine. 280,906, 10-8-85, Cl. D16-31.000.
- Imada, Michio, to Olympus Optical Co., Ltd. Electrophotographic copying machine. 280,907, 10-8-85, Cl. D16-31.000.
- Imai, Hirotaka, to Pioneer Electronic Corp. Digital audio disc player. 281,970, 12-31-85, Cl. D14-1.000.
- Imanishi, Masamichi, to Suntory Kabushiki Kaisha. Bottle. 280,707, 9-24-85, Cl. D9-370.000.
- Imatt, Alexander; and Kuna, Wayne A., to Marvin Glass & Associates. Toy kitchen cart. 279,304, 6-18-85, Cl. D21-122.000.
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- Inaba, Hiroshi, to Nippon Tsushin Kogyo Kabushiki Kaisha. Telephone set. 280,404, 9-3-85, Cl. D14-58.000.
- Inaba, Hiroshi, to Nippon Tsushin Kogyo Kabushiki Kaisha. Telephone set. 280,617, 9-17-85, Cl. D14-58.000.
- Inaba, Hiroshi, to Nippon Tsushin Kogyo Kabushiki Kaisha. Push button. 281,498, 11-26-85, Cl. D14-59.000.
- Incando, Peter A. Hairpiece securing clip. 278,940, 5-21-85, Cl. D28-93.000.
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  - Bellini, Mario, 281,257, Cl. D18-22.000.
  - Bellini, Mario, 281,786, Cl. D18-1.000.
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  - Ryan, Delvin R., Jr., 281,695, Cl. D15-77.000.
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  - Novak, Mickey E., 278,958, Cl. D6-471.000.
- Inoue, Nori; Itou, Yoshio; and Sakatani, Atsushi, to Tokai Electric Wire Co., Ltd. Connector housing. 279,978, 8-6-85, Cl. D13-24.000.
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- Insetta, Diane. Stuffed horse. 280,921, 10-8-85, Cl. D21-165.000.
- Insetta, Diane. Unicorn doll. 281,266, 11-5-85, Cl. D21-165.000.
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  - Berger, Robert M., 279,130, Cl. D26-62.000.
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  - Dideriksen, Erling T., 280,752, Cl. D21-135.000.
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  - Olsen, Flemming H., 277,685, Cl. D21-59.000.
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  - Olsen, Flemming H., 281,443, Cl. D21-143.000.
  - Pedersen, Niels M., 280,533, Cl. D21-108.000.
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  - Tapdrup, Erik P., 278,070, Cl. D21-59.000.
  - Tapdrup, Erik P., 279,697, Cl. D21-108.000.
  - Tapdrup, Erik P.; and Olsen, Gert P., 280,222, Cl. D21-90.000.
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  - Lenzi, Louis E., Jr., 281,246, Cl. D14-100.000.
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- Io, Fumitaka; and Takata, Yoshiro, to Minolta Camera Kabushiki Kaisha. Camera. 277,867, 3-5-85, Cl. D16-6.000.
- Io, Fumitaka, to Minolta Camera Kabushiki Kaisha. Photographic camera. 279,788, 7-23-85, Cl. D16-6.000.
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Jansons, Eric; Jarocki, Stanley W.; and Godlewski, Walter A., to Bally Manufacturing Corporation. Arcade game cabinet. 280,748, 9-24-85, Cl. D21-13.000.
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Jenkins, Allan G. Trailer. 277,173, 1-15-85, Cl. D12-101.000.
Jenkins, Allan J. Star ornament. 276,984, 1-1-85, Cl. D11-125.000.
Jenkins, Gale D., Jr.: *See—*
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Jenkins, Wendell L., to W. L. Jenkins Company, The. Combined warning light and bell for industrial and institutional applications. 278,134, 3-26-85, Cl. D10-114.000.
Jennings, Don M. Clown doll. 279,020, 5-28-85, Cl. D21-173.000.
Jennings, Joseph R.; and Minor, Michael, to Paramount Pictures Corporation. Container for desk top materials or similar articles. 277,297, 1-22-85, Cl. D19-75.000.
Jennings, Wayne B. Hygienic jet. 281,098, 10-22-85, Cl. D23-35.000.
Jensen, Edward A. Mud flap. 279,560, 7-9-85, Cl. D12-185.000.
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Jensen, Philip W.; and Stawski, Karl-Heinz, to P & D. Portable blower for igniting charcoal. 279,124, 6-4-85, Cl. D23-162.000.
Jensen, Robert L. Book holder. 278,578, 4-30-85, Cl. D6-419.000.
Jerman, Bojan, to Gorenje- Tiki, Elektro Strojno Podjetje, p.o. Portable solar oven. 278,504, 4-23-85, Cl. D7-324.000.
Jermyn, Arthur C. Contact lens inserter. 278,914, 5-21-85, Cl. D16-124.000.
Jermyn, Arthur C. Clip for an eye glass lens occluder. 279,575, 7-9-85, Cl. D16-128.000.
Jernigan, Jerry. Bubble forming device. 281,707, 12-10-85, Cl. D21-61.000.
Jernigan, Thomas E. Chaise lounge frame. 279,240, 6-18-85, Cl. D6-361.000.
Jernigan, Thomas E. Seat frame. 279,242, 6-18-85, Cl. D6-370.000.
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Joffe, Richard M.; and McGarvey, John N., to AT&T Technologies, Inc. Housing for a telephone stand. 281,599, 12-3-85, Cl. D14-62.000.
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Johansson, Michel. Auxiliary seat for a child. 278,191, 4-2-85, Cl. D6-333.000.
Johansson, Tord G. I. Lid assembly for containers or the like. 279,266, 6-18-85, Cl. D9-450.000.
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- John Corby Limited: *See—*
  - Marrs, David J., 281,029, Cl. D32-9.000.
- John Fluke Mfg. Co., Inc.: *See—*
  - Ashmun, David S., Jr., 281,864, Cl. D10-80.000.
  - Brown, Jeffrey C., 277,670, Cl. D14-100.000.
  - McCain, George L., 278,889, Cl. D10-15.000.
  - Nelson, Michael D., 280,299, Cl. D10-40.000.
  - Nelson, Michael D., 280,674, Cl. D2-400.000.
- John Hand Enterprises, Inc.: *See—*
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- John J. Madison Company, Inc.: *See—*
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  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 278,421, Cl. D11-162.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 278,991, Cl. D11-162.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,659, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,774, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,889, Cl. D11-158.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,967, Cl. D11-158.000.
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  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 279,970, Cl. D11-162.000.
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  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 280,191, Cl. D11-159.000.
  - Carbajales Santa-Eulalia, Jesus A.; and Carbajales Santa-Eulalia, Javier B., 281,868, Cl. D11-158.000.
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  - Yuen, John S., 279,819, Cl. D26-42.000.
  - Yuen, John S., 279,820, Cl. D26-42.000.
  - Yuen, John S., 281,625, Cl. D24-41.000.
- John Thomas Batts, Inc.: *See—*
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- John Zink Company: *See—*
  - Khaja, Farees U., 280,243, Cl. D28-35.000.
  - Thomas, Richard K., 280,711, Cl. D10-50.000.
- Johne, Hans: *See—*
  - Schott, Alfred; Johne, Hans; Forster, Karl-Heinz; Schuck, Helmut; and Schulz, Horst, 278,249, Cl. D18-22.000.
- Johnson, Anthony W.; and Lea, David, to Colgate-Palmolive Company. Combined bottle and cap. 280,603, 9-17-85, Cl. D9-389.000.
- Johnson, Anthony W.; and Lea, David, to Colgate-Palmolive Company. Combined bottle and cap. 280,604, 9-17-85, Cl. D9-389.000.
- Johnson, Chris G.: *See—*
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- Johnson, Conrad E. Glass cutter. 278,969, 5-28-85, Cl. D8-98.000.
- Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., to Arcair Company. Combined electrode drive and nozzle unit for an automatic air carbon-arc cutting and gouging torch. 281,250, 11-5-85, Cl. D15-144.000.
- Johnson, David E.: *See—*
  - Farmer, Ralph; and Johnson, David E., 277,191, Cl. D15-138.000.
- Johnson, George E.: *See—*
  - Brenner, Stanley; Pearse, James N.; and Johnson, George E., 278,050, Cl. D13-34.000.
- Johnson, Howard B. Scriber tool. 280,493, 9-10-85, Cl. D10-73.000.
- Johnson & Johnson Dental Products Company: *See—*
  - Holewinski, Robert D.; Hamilton, Leslie; and Blatherwick, William J., 281,719, Cl. D24-16.000.
  - Holewinski, Robert D.; Hamilton, Leslie; and Blatherwick, William J., 281,813, Cl. D24-16.000.
  - Weissenburger, Edward A., 277,781, Cl. D24-10.000.
- Johnson & Johnson Products Inc.: *See—*
  - Hoyt, Earl E., 278,118, Cl. D9-403.000.
- Johnson, Kenneth P. Vehicle body repair bar. 280,177, 8-20-85, Cl. D8-88.000.
- Johnson Level & Tool Mfg. Co., Inc.: *See—*
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- Johnson, Logan W., to Rosemount Inc. Flowmeter transmitter circuitry housing. 278,133, 3-26-85, Cl. D10-100.000.
- Johnson, Martin W. Abdominal exercise bench. 277,219, 1-15-85, Cl. D21-191.000.
- Johnson, Martin W. Abdominal exerciser for attachment to chair or the like. 277,497, 2-5-85, Cl. D21-191.000.
- Johnson, Nathan D. Vending machine coin box. 280,742, 9-24-85, Cl. D20-9.000.
- Johnson, Robert S.; Fletcher, Paul E.; Benjamin, William S.; and Zsitvay, John I., to Lighthouse for the Blind, Incorporated, The. Sponge mop. 280,769, 9-24-85, Cl. D32-44.000.
- Johnson, Skip, to Bean Station Furniture Factory, The. Upholstered furniture. 277,344, 1-29-85, Cl. D6-381.000.
- Johnson, Stanley A., to Harley-Davidson Motor Co., Inc. Motorcycle transmission cover. 276,987, 1-1-85, Cl. D12-114.000.
- Johnson, Thomas B. Tray for artist easel. 280,872, 10-8-85, Cl. D6-511.000.
- Johnson, Vicki L. A. Swimming suit. 279,420, 7-2-85, Cl. D2-40.000.
- Johnson, William M.; and Lindsay, Allan, to Ralph McKay Limited. Agricultural sweep. 277,862, 3-5-85, Cl. D15-29.000.
- Johnston, Clarence, deceased: *See—*
  - Johnston, Katherine D.; Johnston, Clarence, deceased; and Johnston, Katherine D., heir, 277,656, Cl. D11-81.000.
- Johnston, George W., Jr., to Bell Helicopter Textron Inc. Helicopter. 278,227, 4-2-85, Cl. D12-327.000.
- Johnston, Joan O. Computer work station. 281,293, 11-12-85, Cl. D6-420.000.
- Johnston, Joseph E., to Lucasfilm, Ltd. Toy vehicle. 277,116, 1-8-85, Cl. D21-87.000.
- Johnston, Joseph E., to Lucasfilm, Ltd. Toy vehicle. 277,120, 1-8-85, Cl. D21-130.000.
- Johnston, Joseph E., to Lucasfilm, Ltd. Toy spacecraft. 277,200, 1-15-85, Cl. D21-87.000.
- Johnston, Joseph E.; and George, William T., to Lucasfilm, Ltd. Toy spacecraft. 277,201, 1-15-85, Cl. D21-87.000.
- Johnston, Joseph E., to Lucasfilm, Ltd. Toy figure. 277,214, 1-15-85, Cl. D21-148.000.
- Johnston, Joseph E., to Lucasfilm, Ltd. Toy figure. 277,215, 1-15-85, Cl. D21-148.000.
- Johnston, Joseph E., to Lucasfilm, Ltd. Toy vehicle. 277,398, 1-29-85, Cl. D21-87.000.
- Johnston, Katherine D.; Johnston, Clarence, deceased; and by Johnston, Katherine D., heir. Jewelry slide. 277,656, 2-19-85, Cl. D11-81.000.
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  - Johnston, Katherine D.; Johnston, Clarence, deceased; and Johnston, Katherine D., heir, 277,656, Cl. D11-81.000.
- Joiner Electric Products Company Ltd.: *See—*
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- Jolliffe, John E., to SCM Corporation. Typewriter. 277,968, 3-12-85, Cl. D18-1.000.
- Jolliffe, John E., to SCM Corporation. Typewriter. 281,509, 11-26-85, Cl. D18-1.000.
- Jonathan Bradley Pens, Inc.: *See—*
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- Jones, David A., to Drackett Company, The. Packaging sleeve. 277,262, 1-22-85, Cl. D9-306.000.
- Jones, David A., to Drackett Company, The. Aerosol can overcap. 277,648, 2-19-85, Cl. D9-445.000.
- Jones, David A., to Drackett Company, The. Squeegee. 280,247, 8-20-85, Cl. D32-41.000.
- Jones, David A.; and Zogg, Jon R., to Drackett Company, The. Bottle. 281,861, 12-24-85, Cl. D9-377.000.
- Jones, Douglas H.; and Salat, Siegfried W., to Androbot, Inc. Robot. 278,922, 5-21-85, Cl. D21-150.000.
- Jones Futura Foundation, Ltd.: *See—*
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- Jones, Gregory. Novelty badge. 277,943, 3-12-85, Cl. D11-104.000.
- Jones, Jeffery L. Palette case. 277,295, 1-22-85, Cl. D19-35.000.
- Jones, Karen K. Game card back. 280,427, 9-3-85, Cl. D21-47.000.
- Jones, Paul W.: *See—*
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  - Labuda, Lawrence L.; Linstad, Gregory A.; Jones, Paul W.; and Daynes, John C., 279,002, Cl. D14-6.000.
- Jones, Robert S. Buoyant belt. 280,005, 8-6-85, Cl. D21-238.000.
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- Jordan, David J. Coathanger handle. 277,721, 2-26-85, Cl. D6-328.000.
- Jordan, David J., to Accessory Sales, Inc. Rivet tool or similar article. 280,795, 10-1-85, Cl. D8-14.000.
- Jordan, James B.; and Jamieson, John E., to Qume Corporation. Integrated printer and feeder housing. 279,783, 7-23-85, Cl. D14-111.000.
- Jordan, James B., to Qume Corporation. Disk drive front panel. 280,326, 8-27-85, Cl. D14-115.000.
- Jordan, James T. Inflatable kite. 281,439, 11-19-85, Cl. D21-88.000.
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- Josephson, Paul J.; and Lykins, Larry W., to International Business Machines Corporation. Toner cartridge. 278,539, 4-23-85, Cl. D16-32.000.
- Joyaux, Yves, to Airwick Industries, Inc. Dispenser for air treating material. 281,010, 10-15-85, Cl. D23-150.000.
- Judd, Thomas W.; and Resker, Gregory F., to Curtis Manufacturing Company, Inc. Computer pedestal. 280,822, 10-1-85, Cl. D14-114.000.
- Juhas, Joseph A.: *See—*
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- Juliana, Vincent A., to Exxon Research and Engineering Co. Printer. 278,713, 5-7-85, Cl. D14-111.000.
- Juliana, Vincent A.; Maltsev, Viacheslav B.; and Roe, Frank L., to Exxon Research and Engineering Co. Ink cartridge for an ink jet printer or similar article. 279,581, 7-9-85, Cl. D18-22.000.

- Junes, Bradley N. Bottle opener. 278,023, 3-19-85, Cl. D8-40.000.
- Jupe, Carlen R. Parking meter. 278,689, 5-7-85, Cl. D10-42.000.
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  - Nemoto, Mitsuo, 279,775, Cl. D14-14.000.
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  - Murakami, Katsushi, 279,307, Cl. D21-150.000.
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  - Fukasawa, Naoto; Suzuki, Susumu; and Uchihori, Noritaka, 279,006, Cl. D14-77.000.
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  - Kurihara, Masaki, 279,580, Cl. D18-7.000.
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  - Maruyama, Naoyuki, 278,821, Cl. D14-111.000.
  - Maruyama, Naoyuki, 279,292, Cl. D14-111.000.
  - Suzuki, Susumu; Uchihori, Noritaka; and Fukasawa, Naoto, 278,685, Cl. D10-38.000.
  - Suzuki, Susumu; Uchihori, Noritaka; and Fukazawa, Naoto, 279,081, Cl. D10-38.000.
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- Kabushiki Kaisha Washino Design: *See—*
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- Kadar, Gabor. Bottled liquid dispenser. 278,503, 4-23-85, Cl. D7-301.000.
- Kadota, Toshihiko, to Canon Kabushiki Kaisha. Electrophotographic copier. 280,630, 9-17-85, Cl. D16-30.000.
- Kaeser, Charles, to P.F. Cosmetique. Facial massage instrument. 279,126, 6-4-85, Cl. D24-36.000.
- Kafka, Barbara. Kitchen appliance handle. 277,923, 3-12-85, Cl. D7-379.000.
- Kafka, Barbara. Kitchen appliance whisk. 277,924, 3-12-85, Cl. D7-412.000.
- Kafka, Barbara. Kitchen appliance. 278,506, 4-23-85, Cl. D7-376.000.
- Kafka, Barbara P. Kitchen appliance base. 278,508, 4-23-85, Cl. D7-386.000.
- Kahl, William G., Jr.; and Avery, Ronald G., to Cerberus AG. Passive infrared intrusion detector unit. 277,652, 2-19-85, Cl. D10-106.000.
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  - Asano, Tamoru, 279,760, Cl. D8-57.000.
  - Asano, Tamoru, 280,283, Cl. D8-57.000.
- Kairawicz, Raymond G., to Ed-Lin Stamping Company, Inc. Lipstick holder. 279,510, 7-2-85, Cl. D28-85.000.
- Kaiser, Elmar. Combined vehicle ornament and advertising device. 280,807, 10-1-85, Cl. D12-197.000.
- Kaiser, Jack N., to American Standard Inc. Water closet or similar article. 278,078, 3-19-85, Cl. D23-65.000.
- Kaiser, Jack N. Bathtub. 278,741, 5-7-85, Cl. D23-55.000.
- Kajita, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Bank note sorting machine. 279,577, 7-9-85, Cl. D18-3.000.
- Kajita, Takashi, to Tokyo Shibaura Denki Kabushiki Kaisha. Bank note takeout machine. 279,790, 7-23-85, Cl. D18-3.000.
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- Kakiuchi, Yoshinori; and Watari, Masami, to Fujitsu Limited. Point of sale terminal. 278,542, 4-23-85, Cl. D18-4.000.
- Kalinsky, Stuart. Cosmetic brush. 278,951, 5-28-85, Cl. D4-135.000.
- Kalinsky, Stuart. Cosmetic brush. 278,952, 5-28-85, Cl. D4-135.000.
- Kalkus, Mark P. Backpack cooler with moulded back frame and seat. 281,119, 10-29-85, Cl. D3-32.000.
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  - Hattori, Yasuo; Kame, Masaharu; and Sakurada, Masahiko, 281,310, Cl. D10-81.000.
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  - Iinuma, Kanji; and Kameda, Yasuhisa, 281,347, Cl. D22-25.000.
- Kaminski, Marion. Apparatus for cosmetic treatment of the human skin. 277,983, 3-12-85, Cl. D24-36.000.
- Kamoshida, Atsuko: *See—*
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  - Rudell, Elliot A.; Shumate, Michael E.; Cernansky, Joseph S.; and Kamrath, Richard P., 281,965, Cl. D12-113.000.
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- Kanamaru, Yutaka: *See—*
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- Kanaoki, Shinichi: *See—*
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- Kando, Masahiro, to Canon Kabushiki Kaisha. Ink ribbon cartridge for electronic typewriter. 281,330, 11-12-85, Cl. D18-12.000.
- Kane, Earl, to Herman & Rosner Enterprises, Inc. Tricycle. 279,464, 7-2-85, Cl. D12-112.000.
- Kaneko, Shinichi: *See—*
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- Kaneko, Toshiro. Box for cultivating vegetables or the like. 278,990, 5-28-85, Cl. D11-155.000.
- Kaneko, Toshiro. Box for cultivating vegetables or the like. 279,084, 6-4-85, Cl. D11-155.000.
- Kaneko, Toshiro. Box for cultivating vegetables or the like. 279,085, 6-4-85, Cl. D11-155.000.
- Kaneko, Yoichi, to Shiseido Company Ltd. Cosmetic bottle. 277,077, 1-8-85, Cl. D9-367.000.
- Kaneko, Yoichi, to Shiseido Company Ltd. Cosmetic bottle. 277,360, 1-29-85, Cl. D9-352.000.
- Kanemitsu, Yukio, to Goshi Kaisha Kanemitsu Doko Yosetsu-Sho. Poly-V pulley. 277,547, 2-12-85, Cl. D8-360.000.
- Kaner, Albert H. Removable grip sleeve for tennis racket or the like. 280,756, 9-24-85, Cl. D21-222.000.
- Kanfer, Joseph S. Container for liquids. 278,886, 5-21-85, Cl. D9-375.000.
- Kanfer, Joseph S. Liquid dispenser. 279,062, 6-4-85, Cl. D6-545.000.
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  - Gamm, Robert J., 278,092, Cl. D2-296.000.
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  - Gamm, Robert J., 279,232, Cl. D2-309.000.
  - Gamm, Robert J., 279,327, Cl. D2-310.000.
  - Gamm, Robert J., 279,519, Cl. D2-313.000.
  - Gamm, Robert J., 280,672, Cl. D2-309.000.
  - Gamm, Robert J., 280,776, Cl. D2-309.000.
  - Gamm, Robert J., 280,777, Cl. D2-310.000.
  - Gamm, Robert J., 280,778, Cl. D2-310.000.
  - Gamm, Robert J., 280,862, Cl. D2-310.000.
  - Gamm, Robert J., 280,949, Cl. D2-310.000.
  - Gamm, Robert J., 281,116, Cl. D2-309.000.
  - Gamm, Robert J., 281,639, Cl. D2-309.000.
  - Gamm, Robert J., 281,640, Cl. D2-310.000.
  - Gamm, Robert J., 281,734, Cl. D2-269.000.
  - Gamm, Robert J., 281,736, Cl. D2-301.000.
  - Gamm, Robert J., 281,737, Cl. D2-301.000.
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- Kano, Hayao, to Citizen Watch Co., Ltd. Electro-optic display for a timepiece. 279,966, 8-6-85, Cl. D10-125.000.
- Kano, Hayao, to Citizen Watch Co., Ltd. Electro-optic display for a timepiece. 280,084, 8-13-85, Cl. D10-125.000.
- Kanoui, Joseph, to Interdica S.A. Perfume bottle. 277,456, 2-5-85, Cl. D9-377.000.
- Kao, Tonis, to Siemens Aktiengesellschaft. Telephone handset for mobile radio unit. 280,895, 10-8-85, Cl. D14-53.000.
- Kao, Tonis, to Siemens Aktiengesellschaft. Telephone handset for mobile radio unit. 280,986, 10-15-85, Cl. D14-53.000.
- Kapphahn, John M. Sickle guard aligning hand tool. 280,068, 8-13-85, Cl. D8-14.000.
- Kardel, Paul D.: *See—*
  - Hall, Jack P.; and Kardel, Paul D., 281,765, Cl. D10-106.000.
- Karkkainen, Martti I.; and Martti, Lauri, to Raha-Automaattiyhdistys. Slot machine. 277,768, 2-26-85, Cl. D21-12.000.
- Karlik, John, to Thomas J. Lipton Inc. Packaging container. 280,605, 9-17-85, Cl. D9-426.000.

Karliner, Rudolf R.; and Smith, Douglas W., to Wagner Spray Tech Corporation. Fluid pump housing. 281,070, 10-22-85, Cl. D15-7.000.
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Kato, Naoyuki; Yubisui, Takahisa; and Kanari, Masumi, to Sharp Corporation. Combined television and radio receiver and tape recorder. 279,095, 6-4-85, Cl. D14-5.000.
Kato, Shigemasa; Takada, Sanae; and Tsukiji, Masaaki, to Tokyo Juki Industrial Co., Ltd. Printer. 279,677, 7-16-85, Cl. D14-111.000.
Kato, Shigemasa; and Takada, Sanae, to Tokyo Juki Industrial Co., Ltd. Electronic typewriter. 281,251, 11-5-85, Cl. D18-1.000.
Kato, Shigemasa; and Takada, Sanae, to Tokyo Juki Industrial Co., Ltd. Electronic typewriter. 281,252, 11-5-85, Cl. D18-1.000.
Kato, Shigemasa; and Takada, Sanae, to Tokyo Juki Industrial Co., Ltd. Typewriter. 281,434, 11-19-85, Cl. D18-1.000.
Kato, Yuji; and Nuttall, Michael W., to Tomy Kogyo Co., Inc. Toy construction piece. 281,182, 10-29-85, Cl. D21-108.000.
Kato, Yuji; and Nuttall, Michael W., to Tomy Kogyo Co., Inc. Toy construction piece. 281,183, 10-29-85, Cl. D21-108.000.
Kato, Yuji; and Nuttall, Michael W., to Tomy Kogyo Co., Inc. Toy construction piece. 281,184, 10-29-85, Cl. D21-108.000.
Kato, Yuji; and Nuttall, Michael W., to Tomy Kogyo Co., Inc. Toy construction piece. 281,185, 10-29-85, Cl. D21-108.000.
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Katsuno, Akira, to Pioneer Electronic Corp. Loudspeaker. 281,067, 10-22-85, Cl. D14-30.000.
Katsuno, Akira, to Pioneer Electronic Corp. Loudspeaker. 281,068, 10-22-85, Cl. D14-30.000.
Katz, Ira R.; and Davis, Robert P., to Hartmann Luggage Company. Luggage. 278,480, 4-23-85, Cl. D3-71.000.
Katz, Ira R.; and Davis, Robert P., to Hartmann Luggage Company. Executive case. 278,857, 5-21-85, Cl. D3-52.000.
Katz, Ira R.; and Davis, Robert P., to Hartmann Luggage Company. Executive case. 278,858, 5-21-85, Cl. D3-71.000.
Katz, Ira R.; and Davis, Robert P., to Hartmann Luggage Company. Executive case. 278,859, 5-21-85, Cl. D3-71.000.
Katz, Ira R.; and Davis, Robert P., to Hartmann Luggage Company. Executive case. 278,860, 5-21-85, Cl. D3-71.000.
Katz, Ira R.; and Davis, Robert P., to Hartmann Luggage Company. Executive case. 278,862, 5-21-85, Cl. D3-76.000.
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  Chatani, Yasushi, 277,878, Cl. D21-59.000.
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Kawaguchi, Mitsuo: *See—*
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  Denton, Arthur M.; and Mills, Fred M., 281,766, Cl. D10-106.000.
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Keeler, Robert A., to Steelcase Inc. Sled based arm chair with closed arm. 277,907, 3-12-85, Cl. D6-372.000.
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Kellogg, Arthur S. Display rack. 279,638, 7-16-85, Cl. D6-517.000.
Kellogg, Arthur S. Display rack. 279,639, 7-16-85, Cl. D6-517.000.
Kellogg, Arthur S. Display rack. 279,743, 7-23-85, Cl. D6-517.000.
Kellogg, Arthur S. Display rack. 279,744, 7-23-85, Cl. D6-517.000.
Kellogg, Arthur S. Display rack. 279,745, 7-23-85, Cl. D6-517.000.
Kellogg, Arthur S. Display rack. 279,746, 7-23-85, Cl. D6-517.000.
Kellogg, Arthur S. Display rack. 279,747, 7-23-85, Cl. D6-517.000.

- Kellogg, Arthur S. Display rack. 279,748, 7-23-85, Cl. D6-517.000.
- Kelly, Richard L.: *See—*
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- Kelly, Steven M., to Dunbar Furniture, Inc. Component for a wiring system. 281,876, 12-24-85, Cl. D13-24.000.
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- Kempf, John A. Accessory stand for use in shining boots and shoes. 280,050, 8-13-85, Cl. D6-329.000.
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- Keresztes, Gerald W.; and Wade, Katherine D. Saliva evacuator. 277,604, 2-12-85, Cl. D24-10.000.
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- Kerr, Flo. Denim jacket. 281,541, 12-3-85, Cl. D2-191.000.
- Kerr, Jayne K., to Brown-Forman Distillers Corporation. Bottle. 277,551, 2-12-85, Cl. D9-367.000.
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- Ketcham, William P. Countdown timer. 279,173, 6-11-85, Cl. D10-40.000.
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- Khalifa, Gerard, to Societe Internationale de Boissons. Bottle. 278,682, 5-7-85, Cl. D9-398.000.
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- Kiiski, Heikki, to Tunturipyora Oy. Exercise and fitness testing machine. 278,268, 4-2-85, Cl. D21-194.000.
- Kiiski, Heikki, to Tunturipyora Oy. Bicycle exerciser. 280,003, 8-6-85, Cl. D21-194.000.
- Kiiski, Heikki, to Treston Oy. Storage unit. 281,748, 12-17-85, Cl. D6-446.000.
- Kiiski, Heikki A., to Tunturipyora Oy. Bicycle exerciser. 281,520, 11-26-85, Cl. D21-194.000.
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- Kikuchi, Nobuo; and Fushimoto, Hideo, to Canon Kabushiki Kaisha. Printer for desk-top electronic calculator. 279,112, 6-4-85, Cl. D18-12.000.
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- Kilham, Peter. Tiered bird feeder. 277,703, 2-19-85, Cl. D30-14.000.
- Kilham, Peter. Tray for bird feeder. 277,988, 3-12-85, Cl. D30-14.000.
- Kilham, Peter. Anti large bird feeding perch. 278,088, 3-19-85, Cl. D30-13.000.
- Kilham, Peter. Bird feeder. 278,166, 3-26-85, Cl. D30-14.000.
- Kilham, Peter. Bird feeder tray. 278,167, 3-26-85, Cl. D30-14.000.
- Kilham, Peter. Combined trough and perch for a bird feeder. 282,018, 12-31-85, Cl. D30-14.000.
- Kilham, Peter. Bird feeder. 282,019, 12-31-85, Cl. D30-15.000.
- Kilpatrick, George N. Spare key holder or similar article. 278,574, 4-30-85, Cl. D3-61.000.
- Kim, Joo H., to Samsung Electronics Co., Ltd. Label for a microwave oven control panel. 277,523, 2-12-85, Cl. D7-405.000.
- Kim, Syng N., to Wico Corporation. Control for a video game or the like. 278,919, 5-21-85, Cl. D21-48.000.
- Kim, Syng N., to Wico Corporation. Control for a video game or the like. 279,202, 6-11-85, Cl. D21-48.000.
- Kim, Syng N., to Wico Corporation. Control for a video game. 279,203, 6-11-85, Cl. D21-48.000.
- Kim, Syng N., to Wico Corporation. Mouse. 281,164, 10-29-85, Cl. D14-114.000.
- Kim, Young S.: *See—*
  - Fong, Daniel D.; Stoner, Eugene A.; and Kim, Young S., 280,901, Cl. D14-111.000.
- Kimball, Anthony. Portable fire draft maker or similar article. 278,460, 4-16-85, Cl. D23-90.100.
- Kimberly-Clark Corporation: *See—*
  - Ito, John M.; and Cotton, James D., 277,169, Cl. D9-418.000.
  - Ito, John M.; and Cotton, James D., 277,553, Cl. D9-416.000.
- Kime, James W. End standard for a bench. 278,776, 5-14-85, Cl. D6-500.000.
- Kimes, Lucas J.: *See—*
  - Ferrell, Jay A.; Kimes, Lucas J.; and Spitzer, Robert E., 279,094, Cl. D12-340.000.
- Kimura, Akiko: *See—*
  - Shimmi, Shigeru; and Kimura, Akiko, 279,328, Cl. D3-35.000.
- Kimura, Haruo: *See—*
  - Fujita, Teizo; and Kimura, Haruo, 280,766, Cl. D26-2.000.
- Kin, Wong W. Combined writing instrument and chronometer. 277,873, 3-5-85, Cl. D19-36.000.
- Kindt-Larsen, Ture: *See—*
  - Larsen, Hans O.; and Kindt-Larsen, Ture, 281,505, Cl. D15-136.000.
- King, Andrew J., to Madison Cycles Limited. Bicycle brake block. 281,874, 12-24-85, Cl. D12-180.000.
- King, Edwin M., to Extran Corporation. Mobile battery carriage. 277,658, 2-19-85, Cl. D12-101.000.
- King, Steven L.: *See—*
  - Lafreniere, Jerome F.; and King, Steven L., 279,461, Cl. D10-119.000.
- King, William. Hose reeler. 277,261, 1-22-85, Cl. D8-358.000.
- King, William L.: *See—*
  - Workman, David E.; and King, William L., 278,878, Cl. D8-300.000.
- Kingsford, Ted I., to Plough, Inc. Combined cosmetic container and applicator. 279,257, 6-18-85, Cl. D9-338.000.
- Kingsford, Ted I., to Plough, Inc. Combined cosmetic container and applicator. 281,669, 12-10-85, Cl. D9-338.000.
- Kingsley, Eleanor V., to Jackson Manufacturing Company, Inc. Book rack or similar article. 279,528, 7-9-85, Cl. D6-473.000.
- Kingsley, Robert C., to Hydro-Spa, Inc. Whirlpool bathing shell. 277,985, 3-12-85, Cl. D24-38.000.
- Kipernik, Efim G.: *See—*
  - Pashkov, Anatoly P.; Kipernik, Efim G.; Onischenko, Anatoly V.; Sakharov, Valentin S.; Kudryashev, Mikhail M.; Karpov, Oleg

  P.; Yavorsky, Illary A.; and Gizer, Boris V., 279,543, Cl. D8-30.000.
Kirby, John R., to J. A. Preston Corporation. Bicycle exerciser. 281,710, 12-10-85, Cl. D21-194.000.
Kircher, William B.; and Lester, David A., to North Fork Industries, Inc. Combined creel and game bag. 278,389, 4-16-85, Cl. D2-38.000.
Kirchner, Balthasar, to Ernst Stadelmann Gesellschaft m.b.H. Diskette storage case. 280,952, 10-15-85, Cl. D3-35.000.
Kirk, Anthony I. C.: *See—*
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  Madl, Alfred W.; and Kirschling, Charles J., 282,000, Cl. D23-149.000.
Kirshner, David M.; Paris, Patricia; Bollinger, Howard N.; Goldberg, Dale I.; Abbott, Jane C.; and Haupt, Linda, to CPG Products Corp. Doll. 281,004, 10-15-85, Cl. D21-171.000.
Kirwan, Robert J. Ash tray. 281,821, 12-17-85, Cl. D27-22.000.
Kitai, Isao, to Sharp Corporation. Computer. 278,060, 3-19-85, Cl. D14-100.000.
Kitai, Isao; and Yokoi, Mitsuo, to Sharp Corporation. Electronic calculator. 279,688, 7-16-85, Cl. D18-7.000.
Kitai, Isao; and Yamada, Kazuo, to Sharp Corporation. Calculator. 281,172, 10-29-85, Cl. D18-7.000.
Kitamura, Koichiro, to Kitamura Machinery Co., Ltd. Machining center. 277,679, 2-19-85, Cl. D15-127.000.
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Kiyota, Tohru: *See—*
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  Kashima, Taisuke; Kiyota, Toru; and Fujii, Takashi, 281,880, Cl. D14-81.000.
  Takahashi, Akira; Itou, Fumitaka; Kiyota, Toru; Fujii, Takashi; and Kawaguchi, Mitsuo, 281,162, Cl. D14-82.000.
Kjeld, Lehmann, to Danfoss A/S. Casing for electrical equipment. 281,315, 11-12-85, Cl. D14-40.000.
Kjellen, Maud K. H., to Svenska Tobaks AB. Belt. 277,428, 2-5-85, Cl. D2-380.000.
Kjellen, Maud K. H., to Kjellen, Maud K. H. Belt. 278,385, 4-16-85, Cl. D2-380.000.
Kladitis, Nicholas S. Mirror. 280,574, 9-17-85, Cl. D6-300.000.
Klaric, Dinko. Construction joint. 277,727, 2-26-85, Cl. D8-382.000.
Klawitter, Ronald R., to Handi-Pac, Inc. Toy circular saw. 277,118, 1-8-85, Cl. D21-120.000.
Klawitter, Ronald R., to Handi-Pac, Inc. Wheeled caterpillar toy. 278,736, 5-7-85, Cl. D21-185.000.
Klawitter, Ronald R., to Handi-Pac, Inc. Toy lawn trimmer. 279,118, 6-4-85, Cl. D21-120.000.
Klawitter, Ronald R., to Handi-Pac, Inc. Toy lawn trimmer. 279,590, 7-9-85, Cl. D21-122.000.
Klawitter, Ronald R., to Handi-Pac, Inc. Toy vacuum cleaner. 280,000, 8-6-85, Cl. D21-122.000.
Klawitter, Ronald R., to Handi-Pac, Inc. Game console. 281,515, 11-26-85, Cl. D21-48.000.
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Klein, Leroy J. Hand grip aid for golf. 280,121, 8-13-85, Cl. D21-234.000.
Klein, Myra. Baby towel. 277,352, 1-29-85, Cl. D6-609.000.
Kleinert, Karl W.; and Kleinert, Kenneth B. Drawer case. 277,816, 3-5-85, Cl. D6-446.000.
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  Diffrient, Niels, 279,241, Cl. D6-366.000.
  Diffrient, Niels, 279,332, Cl. D6-379.000.
  Diffrient, Niels, 279,443, Cl. D6-501.000.
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Knute, Wallace L., to Camino Laboratories. Clinical probe holder and connector. 277,267, 1-22-85, Cl. D10-60.000.
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Knutson, Lawrence M., to Decra-Stone, Inc. Bowl. 278,588, 4-30-85, Cl. D7-29.000.
Knutson, Lawrence M., to Decra-Stone, Inc. Bowl. 280,482, 9-10-85, Cl. D7-29.000.
Knutson, Lawrence M., to Decra-Stone, Inc. Bowl. 280,689, 9-24-85, Cl. D7-29.000.
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Kobayashi, Masashi, to Maruman Golf Kabushiki Kaisha. Golf club head. 277,221, 1-15-85, Cl. D21-214.000.
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  Burket, Kenneth A.; Koenig, Gerhard F.; and Moss, Jay, 280,241, Cl. D26-132.000.
  Burket, Kenneth A.; Koenig, Gerhard F.; and Moss, Jay, 280,242, Cl. D26-134.000.
Koepke, John A. Instrument for removing key caps from a keyboard. 278,201, 4-2-85, Cl. D8-17.000.
Koga, Wataru. Pasteboard for playing cards. 279,303, 6-18-85, Cl. D21-47.000.
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Koguma, Seiji, to Okamura Corporation. Desk. 278,771, 5-14-85, Cl. D6-426.000.
Koguma, Seiji, to Okamura Corporation. Desk. 278,772, 5-14-85, Cl. D6-426.000.
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  - Kohler, Herbert V., Jr., 280,342, Cl. D24-38.000.
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- Kohler, Herbert V., Jr.; and Doman, Donald W., to Kohler Co. Bathtub or the like. 279,028, 5-28-85, Cl. D23-55.000.
- Kohler, Herbert V., Jr., to Kohler Co. Bathtub pillow. 279,344, 6-25-85, Cl. D6-596.000.
- Kohler, Herbert V., Jr., to Kohler Co. Hydrotherapy spa or the like. 280,342, 8-27-85, Cl. D24-38.000.
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- Koizumi, Ken; Koizumi, Michio; and Iwata, Yasuo, to Citizen Watch Co., Ltd. Holder for printing head frame. 281,078, 10-22-85, Cl. D18-22.000.
- Koizumi, Kiyohide: *See—*
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- Koizumi, Michio; Washimine, Osamu; Kozasa, Ken; Osawa, Seiichi; and Moriya, Takashi, to Citizen Watch Co., Ltd. Base frame for dot printer. 281,080, 10-22-85, Cl. D18-23.000.
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- Kojima, Hiroshi; and Tsuda, Tooru, to Bridgestone Tire Company Limited. Vehicle tire. 278,221, 4-2-85, Cl. D12-147.000.
- Kojima, Hiroshi; and Koyasu, Tosihiro, to Bridgestone Tire Company Limited. Vehicle tire. 278,222, 4-2-85, Cl. D12-147.000.
- Kojima, Hiroshi; and Sakamaki, Yuji, to Bridgestone Tire Company Limited. Vehicle tire. 278,223, 4-2-85, Cl. D12-147.000.
- Kojima, Hiroshi; Kawabata, Misao; Yamaoka, Masataka; and Moriya, Masashiro, to Bridgestone Tire Company Limited. Vehicle tire. 278,617, 4-30-85, Cl. D12-147.000.
- Kojima, Hiroshi; Kawabata, Misao; Yamaoka, Masataka; and Moriya, Masashiro, to Bridgestone Tire Company Limited. Vehicle tire. 278,618, 4-30-85, Cl. D12-147.000.
- Kojima, Hiroshi; and Takase, Kiyoshi, to Bridgestone Tire Company Limited. Motorcycle tire. 279,090, 6-4-85, Cl. D12-149.000.
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  - Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki, 279,178, Cl. D12-151.000.
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- Kojima, Nobuyuki; Sekigawa, Youichi; and Amano, Kazunori, to Toshiba Heating Appliances Co., Ltd. Oilstove. 277,697, 2-19-85, Cl. D23-121.000.
- Kojima, Nobuyuki; and Sekigawa, Youichi, to Toshiba Heating Appliances Co., Ltd. Oilstove. 278,272, 4-2-85, Cl. D23-122.000.
- Kolb, Walter, to Wolf-Gerate GmbH. Gardening hoe implement head. 276,974, 1-1-85, Cl. D8-11.000.
- Kolb, Walter, to Wolf-Gerate GmbH. Handle for gardening tool or the like. 278,970, 5-28-85, Cl. D8-107.000.
- Kolb, Walter, to Wolf-Gerate GmbH. Gardening implement. 280,176, 8-20-85, Cl. D8-11.000.
- Kolb, Walter, to Wolf-Gerate GmbH. Rake. 281,387, 11-19-85, Cl. D8-13.000.
- Kolich, Robert A., to Quaker Oats Company, The. Toy telephone. 281,517, 11-26-85, Cl. D21-111.000.
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- Kominiak, Andrew A.; and Luzzi, Glenn J., to Amerace Corporation. Splice connector. 278,230, 4-2-85, Cl. D13-24.000.
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  - Dahlberg, Johan A. F., 278,200, Cl. D7-312.000.
- Komori, Masamichi; Tsunoda, Kazuhiko; and Tsurumi, Yasuyuki, to Honda Giken Kogyo Kabushiki Kaisha. Front fender for motorcycle. 279,974, 8-6-85, Cl. D12-186.000.
- Komuro, Katsusuke, to Honda Giken Kogyo Kabushiki Kaisha. Instrument panel and housing for a motorcycle. 277,176, 1-15-85, Cl. D12-192.000.
- Konar, Ronald C. Dog leash handle. 281,631, 12-3-85, Cl. D30-39.000.
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  - Esslinger, Hartmut H., 281,299, Cl. D6-491.000.
- Konjovic, Kosta. Toothbrush. 281,375, 11-19-85, Cl. D4-104.000.
- Kono, Ichiro, to Sumitomo Electric Industries, Ltd. Optical fiber connector. 277,583, 2-12-85, Cl. D16-130.000.
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- Kooy, Hermen. Refrigerated display case for flowers or the like. 280,790, 10-1-85, Cl. D6-471.000.
- Koper, Barry R. Facial appliance for makeup. 278,164, 3-26-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,258, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,259, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,260, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,261, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,262, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,263, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,264, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,265, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,266, 4-2-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,267, 4-2-85, Cl. D21-190.000.
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- Koper, Barry R. Facial appliance for makeup. 278,454, 4-16-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,546, 4-23-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,547, 4-23-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,647, 4-30-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,648, 4-30-85, Cl. D21-190.000.
- Koper, Barry R. Facial appliance for makeup. 278,737, 5-7-85, Cl. D21-190.000.
- Koppelmans, Henricus F. Combined tie holder and sleeve therefor. 280,572, 9-17-85, Cl. D2-401.000.
- Koppensteiner, James V.; and Len, George, to GTE Automatic Electric Incorporated. Protective cover for a hybrid circuit switching device. 277,848, 3-5-85, Cl. D13-32.000.
- Koprivica, George T. Flute and piccolo player's lyre. 280,417, 9-3-85, Cl. D17-99.000.
- Kopsa, Rodney: *See—*
  - Stultz, Robert L.; Angel, James M.; and Kopsa, Rodney, 278,791, Cl. D8-88.000.
- Korn, Lorelei. Boot. 278,091, 3-26-85, Cl. D2-288.000.
- Kornegay, Cecil E., to Reeves Brothers, Inc. Slipcover. 280,481, 9-10-85, Cl. D6-611.000.
- Korovin, Vyacheslav V.; Kurganov, Vladimir Y.; Gulyaev, Bronislav I.; Shishkin, Konstantin N.; and Kuryshev, Alexandr I. Automatic circuit-plate assembler. 277,761, 2-26-85, Cl. D15-144.000.
- Kosaka, Chihiro. Ribbon cassette for printer. 280,912, 10-8-85, Cl. D18-22.000.
- Kosako, Mikio, to Sharp Kabushiki Kaisha. Copier paper feeder. 277,966, 3-12-85, Cl. D16-32.000.
- Kosako, Mikio; Nishibori, Hiroshi; and Fukuda, Harumi, to Sharp Corporation. Electronic copying machine. 279,903, 7-30-85, Cl. D16-31.000.
- Kosich, Milo R.: *See—*
  - White, Jeffrey N.; Kosich, Milo R.; and Levenstein, Norman, 278,811, Cl. D14-34.000.
- Kosinski, James E.; Hutter, Wayne R.; and Moses, Paul J., to Dow Chemical Company, The. Thermoplastic panel for storing a thermal energy storage material. 281,099, 10-22-85, Cl. D23-72.000.
- Kosinski, James E.: *See—*
  - Hutter, Wayne R.; Moses, Paul J.; and Kosinski, James E., 281,008, Cl. D23-72.000.
  - Moses, Paul J.; Kosinski, James E.; and Hutter, Wayne R., 281,009, Cl. D23-72.000.
- Kosner, Jerry J.: *See—*
  - Overman, John W.; and Kosner, Jerry J., 280,211, Cl. D18-13.000.
- Kostios, Ari, to Aristo Designart Inc. Clock. 276,982, 1-1-85, Cl. D10-24.000.
- Kovacik, James D.; Blanch, Thomas J.; Blanch, Paul S.; and Kovacik, James W., to Alert Safety Lite Products Co. Multiple outlet strip. 279,979, 8-6-85, Cl. D13-30.000.
- Kovacik, James W.: *See—*
  - Kovacik, James D.; Blanch, Thomas J.; Blanch, Paul S.; and Kovacik, James W., 279,979, Cl. D13-30.000.

Kovacs, Nicolas, to Mendes Inc. Bowling alley. 279,693, 7-16-85, Cl. D21-7.000.

Kovarik, Paula L.: *See—*
- Hoffman, Ronald J.; Tiffin, Joy E.; Kovarik, Paula L.; Moinester, Susan C.; and Miller, Thomas H., 278,024, Cl. D8-40.000.

Koves, Thomas. Storage rack for computer equipment. 278,196, 4-2-85, Cl. D6-465.000.

Kowa Shoji Kabushiki Kaisha: *See—*
- Mori, Kashichi, 278,507, Cl. D7-381.000.

Kowalski, Chester W. Palette knife. 279,480, 7-2-85, Cl. D19-35.000.

Koyama, Minoru: *See—*
- Takahashi, Kaoru; and Koyama, Minoru, 278,049, Cl. D13-12.000.

Koyasu, Tosihiro: *See—*
- Kojima, Hiroshi; and Koyasu, Tosihiro, 278,222, Cl. D12-147.000.

Koyo Electronics Industries Co., Ltd.: *See—*
- Shimizu, Norio; and Osaka, Hiroshi, 277,961, Cl. D14-78.000.
- Shimizu, Norio; Watanabe, Yuichi; and Naoi, Kiichi, 278,710, Cl. D14-100.000.

Kozasa, Ken: *See—*
- Koizumi, Michio; Washimine, Osamu; Kozasa, Ken; Osawa, Seiichi; and Moriya, Takashi, 281,080, Cl. D18-23.000.

Koziatek, Jerome P.: *See—*
- Mower, Henry W.; Seymour, Allen; Koziatek, Jerome P.; and Lendvay, Joseph G., 277,157, Cl. D6-506.000.

Koziol, Stephan. Bottle-opener. 278,406, 4-16-85, Cl. D8-38.000.

Kraemer, Herbert. Pneumatic conveyor terminal. 278,638, 4-30-85, Cl. D18-35.000.

Kramer, Joel A.; and Harper, Alton A., to Tropitone Furniture Company, Inc. Chaise lounge. 277,342, 1-29-85, Cl. D6-361.000.

Kramer, Joel A.; and Harper, Alton A., to Tropitone Furniture Co., Inc. Chair. 277,345, 1-29-85, Cl. D6-373.000.

Kramer, Joel A.; and Harper, Alton A., to Tropitone Furniture Co., Inc. Lounge chair. 278,582, 4-30-85, Cl. D6-373.000.

Kramer, Joel A.; and Harper, Alton A., to Tropitone Furniture Company, Inc. Tea table. 280,686, 9-24-85, Cl. D6-484.000.

Kramer, Kendall J.: *See—*
- Gregory, Edwin H.; and Kramer, Kendall J., 279,713, Cl. D22-31.000.

Krammer, Kelly A. Cultivator blade. 280,728, 9-24-85, Cl. D15-11.000.

Kransco Manufacturing, Inc.: *See—*
- Westler, Janice M.; and Shattow, Robert, 278,074, Cl. D21-237.000.

Krapowicz, Jacob; Smith, Douglas W.; and Laude, Michael E., to Toro Company, The. Snow thrower. 278,537, 4-23-85, Cl. D15-12.000.

Krapowicz, Jacob A.: *See—*
- Miller, David C.; Dawson, Robert E.; Pendleton, Thomas J.; and Krapowicz, Jacob A., 280,468, Cl. D4-122.000.

Krencik, Charles J. Tray for portable propane torch, tools and accessories. 277,358, 1-29-85, Cl. D8-71.000.

Kress, George: *See—*
- Appel, Mel; and Kress, George, 277,019, Cl. D21-121.000.
- Appel, Mel; and Kress, George, 277,202, Cl. D21-114.000.
- Appel, Mel; and Kress, George, 277,300, Cl. D21-59.000.
- Appel, Mel; and Kress, George, 277,432, Cl. D6-364.000.
- Appel, Mel; and Kress, George, 280,361, Cl. D3-66.000.
- Appel, Mel; and Kress, George, 280,580, Cl. D6-486.000.
- Appel, Mel; and Kress, George, 281,444, Cl. D21-143.000.

Kriete, Richard J.: *See—*
- Ender, Alfred R.; Iacullo, Robert F.; Kriete, Richard J.; Tilley, Alvin R.; and Weinglass, Leon, 278,630, Cl. D14-115.000.

Krispinsky, George M.: *See—*
- Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 279,929, Cl. D26-122.000.
- Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 281,594, Cl. D12-169.000.
- Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., 281,872, Cl. D12-169.000.

Kristich, John, to Kristy Creations, Inc. Cage-shaped swing. 278,549, 4-23-85, Cl. D21-246.000.

Kristy Creations, Inc.: *See—*
- Kristich, John, 278,549, Cl. D21-246.000.

Krive, Irwin M. Leg exerciser or similar article. 281,343, 11-12-85, Cl. D21-192.000.

Krogh, Kell, to Clenod A/S. Earring. 281,149, 10-29-85, Cl. D11-41.000.

Krop, Hugo K., to Text Lite BV. Display device. 280,424, 9-3-85, Cl. D20-10.000.

Krueger, Roger J. Knife sharpener. 280,695, 9-24-85, Cl. D8-93.000.

Kruger, Maria C. Combined bingo bag kit and seat pad. 276,954, 1-1-85, Cl. D3-43.000.

Krume, Robert E. Infant's safety seat. 278,766, 5-14-85, Cl. D6-333.000.

Krumin, Donald K.: *See—*
- Eckmann, John A.; Krumin, Donald K.; Toth, Richard J.; and Scheid, William J., 277,753, Cl. D14-70.000.

Krupotich, Edward A.: *See—*
- Rosensweig, Burton J.; Bingham, George H.; and Krupotich, Edward A., 278,250, Cl. D18-22.000.

Kruse, Friedrich; and Hameyer, Hans. Cutting machine for paper, paperboard, brochures or the like. 280,904, 10-8-85, Cl. D15-129.000.

Kuba, Lawrence M., to Wang Laboratories, Inc. Keyboard. 280,408, 9-3-85, Cl. D14-100.000.

Kubick, Matthew D., to Perfex Corporation. Floor brush. 277,524, 2-12-85, Cl. D4-134.000.

Kubokawa, Hiroaki; and Ishiwara, Koichiro, to Olympus Optical Co., Ltd. Light guide for endoscope. 277,408, 1-29-85, Cl. D24-17.000.

Kubokawa, Hiroaki; and Ishiwara, Koichiro, to Olympus Optical Co., Ltd. Endoscope. 277,505, 2-5-85, Cl. D24-17.000.

Kuchar, Walter, to Tri-Service Machine Ltd. Duplex mud pump. 279,377, 6-25-85, Cl. D15-7.000.

Kuczynski, Lawrence S.: *See—*
- Smith, Richard J.; Kuczynski, Lawrence S.; and Stasko, Michael D., 278,793, Cl. D8-357.000.

Kudryashev, Mikhail M.: *See—*
- Pashkov, Anatoly P.; Kipernik, Efim G.; Onischenko, Anatoly V.; Sakharov, Valentin S.; Kudryashev, Mikhail M.; Karpov, Oleg P.; Yavorsky, Illary A.; and Gizer, Boris V., 279,543, Cl. D8-30.000.

Kuechler, Steven C.; and Raspotnik, Mark E. Display rack attachment for small packaged articles or the like. 280,372, 9-3-85, Cl. D6-509.000.

Kuhlman, Harvey G. Pizza shell. 277,044, 1-8-85, Cl. D1-130.000.

Kuhn, Jacques, to Heinrich Kuhn Metallwarenfabrik AG. Corkscrew. 281,855, 12-24-85, Cl. D8-42.000.

Kujawski, Stanley M.; and Bergman, Andrew I., to Quaker Oats Company, The. Action mobile. 278,446, 4-16-85, Cl. D21-63.000.

Kukje America Corp.: *See—*
- Ji, Kyung W., 280,567, Cl. D2-310.000.

Kulle, Lee K., to Baxter Travenol Laboratories, Inc. Medical tubing roller clamp. 280,763, 9-24-85, Cl. D24-27.000.

Kulpa, Steven H.: *See—*
- Duell, Randall S.; Kulpa, Steven H.; Maguire, Justin M., Jr.; Schoneck, Alan C.; and Sylvester, Gordon E., 278,711, Cl. D14-102.000.

Kumagai, Yoshiaki, to Sony Corporation. Television projector. 279,472, 7-2-85, Cl. D14-77.000.

Kumano, Toshihiro: *See—*
- Ohno, Masaru; Fujiyama, Yoshiyuki; and Kumano, Toshihiro, 278,817, Cl. D14-94.000.

Kuna, Wayne A.; Wildman, John R.; Jenkins, Gale D., Jr.; and Frumkin, Mitchel J., to Marvin Glass & Associates. Toy vehicle. 281,000, 10-15-85, Cl. D21-134.000.

Kuna, Wayne A.: *See—*
- Imatt, Alexander; and Kuna, Wayne A., 279,304, Cl. D21-122.000.

Kung, Eduard R., to Ciba-Geigy AG. Container for liquids. 277,552, 2-12-85, Cl. D9-376.000.

Kunimi, Yuri: *See—*
- Ramos, Paul; Hudnall, Richard E.; and Kunimi, Yuri, 278,909, Cl. D14-102.000.

Kunimune, Terry T. Automobile alarm. 280,307, 8-27-85, Cl. D10-106.000.

Kunita, Masao; Washimine, Osamu; Koizumi, Michio; Iwata, Yasuo; and Kurihara, Toshio, to Citizen Watch Co., Ltd. Frame for printing head. 281,079, 10-22-85, Cl. D18-23.000.

Kunita, Masao: *See—*
- Kurihara, Toshio; Yasunaga, Makoto; Kunita, Masao; Osawa, Seiichi; and Moriya, Takashi, 281,076, Cl. D18-22.000.
- Yasunaga, Makoto; Kunita, Masao; Masuda, Katsuya; and Osawa, Seiichi, 281,077, Cl. D18-22.000.

Kupchik, George J. Pants hanger. 279,236, 6-18-85, Cl. D6-317.000.

Kupperman, Dennis: *See—*
- Kupperman, Sam; and Kupperman, Dennis, 279,799, Cl. D20-13.000.

Kupperman, Sam; and Kupperman, Dennis, to RB Toy Development Co. Bicycle license plate. 279,799, 7-23-85, Cl. D20-13.000.

Kurata, Hideaki; Mikami, Kumio; Matsushima, Hiroshi; Wada, Isao; and Chikamatsu, Eiko, to Pioneer Electronic Corporation. Cassette tape recorder. 281,877, 12-24-85, Cl. D14-6.000.

Kurganov, Vladimir Y.: *See—*
- Korovin, Vyacheslav V.; Kurganov, Vladimir Y.; Gulyaev, Bronislav I.; Shishkin, Konstantin N.; and Kuryshev, Alexandr I., 277,761, Cl. D15-144.000.

Kurihara, Masaki, to Kabushiki Kaisha Suwa Seikosha; and Epson Corporation, a part interest. Portable electronic calculator. 279,580, 7-9-85, Cl. D18-7.000.

Kurihara, Masaki, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Carrying case. 279,728, 7-23-85, Cl. D3-73.000.

Kurihara, Masaki; and Mizuno, Masahiko, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Keyboard for an electronic computer. 281,426, 11-19-85, Cl. D14-100.000.

Kurihara, Toshio; Yasunaga, Makoto; Kunita, Masao; Osawa, Seiichi; and Moriya, Takashi, to Citizen Watch Co., Ltd. Printing hammer for dot printer. 281,076, 10-22-85, Cl. D18-22.000.

Kurihara, Toshio: *See—*
- Kunita, Masao; Washimine, Osamu; Koizumi, Michio; Iwata, Yasuo; and Kurihara, Toshio, 281,079, Cl. D18-23.000.

Kurima, Akira: *See—*
- Nishio, Hideaki; Kojima, Hiroshi; and Kurima, Akira, 279,465, Cl. D12-147.000.

Kurinsky, Roger A.: *See—*
- Antoni, Patricia A.; and Kurinsky, Roger A., 281,042, Cl. D7-5.000.

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- Hyuga, Hideyo; Ichikawa, Yukinobu; Kuroiwa, Yukio; Masatsugu, Shigeki; and Toyoda, Fumio, 281,684, Cl. D14-5.000.
- Kashima, Taisuke; Gushiken, Shigeki; Kuroiwa, Yukio; Kiyota, Tohru; and Fujii, Takashi, 278,627, Cl. D14-77.000.

Kurokawa, Koya; and Arai, Noriyuki, to Matsushita Electric Industrial Co., Ltd. Camera for video tape recorder. 278,238, 4-2-85, Cl. D14-78.000.

- Kurokawa, Koya; and Arai, Noriyuki, to Matsushita Electric Industrial Co., Ltd. Camera for video tape recorder. 278,338, 4-9-85, Cl. D14-78.000.
- Kurokawa, Koya; and Arai, Noriyuki, to Matsushita Electric Industrial Co., Ltd. View finder for video camera. 278,907, 5-21-85, Cl. D14-84.000.
- Kuroki, Nobufusa, to Janome Sewing Machine Co. Ltd. Sewing machine. 277,102, 1-8-85, Cl. D15-70.000.
- Kuroki, Nobufusa, to Janome Sewing Machine Co. Ltd. Sewing machine. 280,826, 10-1-85, Cl. D15-69.000.
- Kuroki, Nobufusa, to Janome Sewing Machine Co. Ltd. Sewing machine. 281,429, 11-19-85, Cl. D15-69.000.
- Kurosu, Teisuke: *See—*
  - Baba, Haruo; Kurosu, Teisuke; Ohta, Fumiharu; Takenaka, Kazumasa; and Watanabe, Satoshi, 279,372, Cl. D14-52.000.
- Kurozumi, Shigeru; and Sawada, Masaji, to Sharp Corporation. Electronic calculator with watch. 279,196, 6-11-85, Cl. D18-2.000.
- Kuryshev, Alexandr I.: *See—*
  - Korovin, Vyacheslav V.; Kurganov, Vladimir Y.; Gulyaev, Bronislav I.; Shishkin, Konstantin N.; and Kuryshev, Alexandr I., 277,761, Cl. D15-144.000.
- Kurz, Craven H. Module placing orthodontic pliers. 280,016, 8-6-85, Cl. D24-10.000.
- Kurz, Craven H. Orthodontic utility plier. 281,195, 10-29-85, Cl. D24-10.000.
- Kurz, Craven H. Orthodontic archwire cutter. 281,452, 11-19-85, Cl. D24-10.000.
- Kusakawa, Hitoshi: *See—*
  - Shibayama, Masato; Abe, Takeshi; Koizumi, Kiyohide; Sugimoto, Kouichi; Kusakawa, Hitoshi; and Jinriki, Tatenori, 280,203, Cl. D15-199.000.
- Kushmuk, Walter P., to Continental Scale Corporation. Weight responsive scale. 278,213, 4-2-85, Cl. D10-92.000.
- Kusiak, Anna Y. Cover for bedside commode. 279,848, 7-30-85, Cl. D6-610.000.
- Kusiak, Anna Y. Cover for bedside commode. 279,849, 7-30-85, Cl. D6-610.000.
- Kuster, Martin. Serving tray or the like. 279,067, 6-4-85, Cl. D7-37.000.
- Kusube, Haruo, to Sumitomo Rubber Industries, Ltd. Vehicle tire. 279,364, 6-25-85, Cl. D12-146.000.
- Kusube, Haruo, to Sumitomo Rubber Industries, Ltd. Vehicle tire. 279,890, 7-30-85, Cl. D12-146.000.
- Kuykendall, John; Frielingsdorf, Frank; and Hofer, Alan, to Pickering & Company, Inc. Phonograph cartridge. 278,147, 3-26-85, Cl. D14-28.000.
- Kverneland A/S: *See—*
  - Nja, Olav, 279,476, Cl. D15-29.000.
  - Nja, Olav, 279,567, Cl. D15-29.000.
  - Nja, Olav, 279,568, Cl. D15-29.000.
  - Nja, Olav, 279,786, Cl. D15-29.000.
  - Nja, Olav, 281,326, Cl. D15-29.000.
  - Nordland, Johan, 281,325, Cl. D15-11.000.
- Kwik-Way Manufacturing Corporation: *See—*
  - Maxwell, Richard D., 279,682, Cl. D15-124.000.
- Kyhl, Henry: *See—*
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- Kyle, Loris. Playhouse. 277,302, 1-22-85, Cl. D21-114.000.
- Kyle, Loris. Playhouse. 279,019, 5-28-85, Cl. D21-114.000.
- Kyowa Hakko Kogyo Co., Ltd.: *See—*
  - Yoshimura, Reijiro, 280,708, Cl. D9-370.000.
  - Yoshimura, Reijiro, 280,801, Cl. D9-367.000.
- Kyushu Matsushita Electric Co., Ltd.: *See—*
  - Miyamoto, Ishin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, 278,247, Cl. D18-1.000.
  - Miyamoto, Ishin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, 278,444, Cl. D18-1.000.
- L. B. (Plastics) Limited: *See—*
  - Hardy, Terence, 277,156, Cl. D6-510.000.
  - Hardy, Terence, 278,194, Cl. D6-510.000.
- L. R. Nelson Corporation: *See—*
  - Hayes, Ronald G., 281,996, Cl. D23-8.000.
- La Brosse et Dupont, S.A.: *See—*
  - Sturdza, Georges, 279,526, Cl. D4-104.000.
- La Rue Distributors, Inc.: *See—*
  - Thomas, Suzanne, 279,428, Cl. D3-43.000.
  - Thomas, Suzanne, 280,780, Cl. D3-48.000.
- Labuda, Lawrence L.; Linstad, Gregory A.; Jones, Paul W.; and Daynes, John C., to Physio-Control Corporation. ECG And voice cassette recorder. 279,002, 5-28-85, Cl. D14-6.000.
- Lacasse, Clement. Pedal-boat. 280,498, 9-10-85, Cl. D12-306.000.
- LaCelle, LeRoy J.; and Ungar, Joseph L., to Advanced Technology Laboratories, Inc. Medical ultrasound scanner. 280,762, 9-24-85, Cl. D24-17.000.
- Lacey, David A., to Wilen, Ronald M. Kitchen cutting board. 281,384, 11-19-85, Cl. D7-46.000.
- Lacka, Cemal. Safe. 281,920, 12-24-85, Cl. D99-28.000.
- LaFlame, Thomas R. Rim-attached bracket for mounting a drum or body-worn carrier. 279,685, 7-16-85, Cl. D17-22.000.
- LaFrance Corporation: *See—*
  - Peroni, Peter A., 281,351, Cl. D23-127.000.
  - Peroni, Peter A., 281,689, Cl. D14-100.000.
- Lafreniere, Jerome F.; and King, Steven L. Whistle. 279,461, 7-2-85, Cl. D10-119.000.
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  - Wik, Torsten; Lagerstam, Christer; Pettersson, Kurt; and Mattsson, Kjell, 277,597, Cl. D22-10.000.
- Laguette, Stephen W.: *See—*
  - Bootman, Matthew W.; Schillke, Peter; and Laguette, Stephen W., 280,023, Cl. D24-56.000.
- Lahey, Donald F.; and Molerin, Dallas G., to International Business Machines Corporation. Passbook printer. 281,247, 11-5-85, Cl. D14-111.000.
- Lahmer, Arthur A. Two sided in-out panel and message holder. 277,195, 1-15-85, Cl. D20-18.000.
- La Hood, Gabriel: *See—*
  - Hindson, Stephen K., 281,025, Cl. D28-46.000.
- Lake, Brenton G.: *See—*
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  - Feroce, John; Lallier, Maurice; and Eden, George, 280,675, Cl. D2-400.000.
- Lamancusa, John S.: *See—*
  - Bhat, Ghanshyam A.; Chan, Eric P. P.; Lamancusa, John S.; Sylvester, Gordon E.; and Varela, Jose R., 277,666, Cl. D14-63.000.
  - Bhat, Ghanshyam A.; Chan, Eric P. P.; Lamancusa, John S.; Sylvester, Gordon E.; and Varela, Jose R., 279,289, Cl. D14-60.000.
- LaMarsh, Robert D.; and Weiss, John, to Perfection Manufacturing Company. Exercise cycle. 280,227, 8-20-85, Cl. D21-194.000.
- Lamba Systems, Inc.: *See—*
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  - Grammas, Nick G.; and Callas, Michael T., 277,739, Cl. D10-109.000.
- LaMeyer, Michael H.; and Finfrock, Dale B., Jr. Tank holder. 281,951, 12-31-85, Cl. D8-373.000.
- Lampe, Deirdre A., to Magic Products Corporation Pty. Limited. Packaging container. 281,673, 12-10-85, Cl. D9-398.000.
- Lamy, Jean-Pierre. Sunglasses. 278,826, 5-14-85, Cl. D16-102.000.
- Lancaster Colony Corporation: *See—*
  - Lockwood, James R., 281,966, Cl. D12-185.000.
- Lanci, Dennis M.; and Peters, Larry J., to Physio-Control Corporation. Battery charger. 278,426, 4-16-85, Cl. D13-5.000.
- Landau, Junichi P.: *See—*
  - Campbell, Robert B.; and Landau, Junichi P., 281,115, Cl. D2-309.000.
  - Campbell, Robert B.; and Landau, Junichi P., 281,285, Cl. D2-309.000.
- Landis, Harry M. Roman numeral electro-optical display. 280,419, 9-3-85, Cl. D18-26.000.
- Landmann Limited: *See—*
  - Wan, Clement S., 278,701, Cl. D13-2.000.
- Landry, Christian C.: *See—*
  - Akagi, Kenichi; Abernethy, Charles N.; Costello, John C.; Landry, Christian C.; Leitermann, Richard E.; and Urbanus, David S., 279,474, Cl. D14-100.000.
  - Boudreau, David E.; Landry, Christian C.; Loose, Duane M.; and Urbanus, David S., 277,383, Cl. D14-113.000.
- Landry, Ernest A., Jr. Duplex hitch. 279,179, 6-11-85, Cl. D12-162.000.
- Landry, Ernest A., Jr. Multiplex hitch. 279,665, 7-16-85, Cl. D12-162.000.
- Landry, Vincent: *See—*
  - Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 280,815, Cl. D14-11.000.
- Landskrona Finans AB: *See—*
  - Hakanson, Bo H.; and Lyngberg, Henning, 281,817, Cl. D24-41.000.
- Landstingens Inkopscentral, LIC, ekonomisk forening: *See—*
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- Lane Craft Industries, Inc.: *See—*
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- Lane, James, to Drackett Company, The. Bottle. 277,647, 2-19-85, Cl. D9-377.000.
- Lane, James, to Drackett Company, The. Bottle. 278,599, 4-30-85, Cl. D9-377.000.
- Lane, James; and Straker, Rod, to Drackett Company, The. Bottle. 280,487, 9-10-85, Cl. D9-376.000.
- Lane, James; and Straker, Rod, to Drackett Company, The. Bottle. 280,488, 9-10-85, Cl. D9-376.000.
- Lane Telecommunications, Inc.: *See—*
  - Bismanovsky, Joseph; Clements, Ronald E.; and Rudin, Melvin, 279,782, Cl. D14-106.000.
- Lang, Harry J. Saddle cover. 278,467, 4-16-85, Cl. D30-19.000.
- Lang, Manfred, to Wilkinson Sword GmbH. Pocket knife. 280,178, 8-20-85, Cl. D8-99.000.
- Lang, Milan, to Les Promotions Atlantiques, Inc. Bottle. 277,732, 2-26-85, Cl. D9-367.000.
- Lang, Milan, to Atlantic Promotions, Inc. Combined bottle and cap. 279,256, 6-18-85, Cl. D9-337.000.
- Lang, Svante, to AGA Aktiebolag. Spherical gas container. 277,977, 3-12-85, Cl. D23-2.000.
- Lange, Gerd, to Drabert Sohne Minden (Westf.). Upholstered chair. 280,682, 9-24-85, Cl. D6-366.000.
- Langer, Dick G.; and Feltman, Charles H. Mug. 277,535, 2-12-85, Cl. D7-9.000.
- Langland, Robert. Container and manual holder for mounting in a tractor cab. 279,235, 6-18-85, Cl. D3-40.000.
- Lankford, Charles P., III. Combined cable connector and crimping tool. 277,163, 1-15-85, Cl. D8-51.000.
- Lanphere, Ralph C.; Nelson, Paul G.; and Waite, Jerry A., to J. I. Case Company. Articulated material handling vehicle. 277,794, 2-26-85, Cl. D34-34.000.

Lapchynski, Lenard: *See—*
  Franko, Lloyd; and Lapchynski, Lenard, 277,803, Cl. D99-28.000.
Laporte, Yvan: *See—*
  Tardif, Pierre; and Laporte, Yvan, 278,674, Cl. D7-79.000.
  Tardif, Pierre; and Laporte, Yvan, 278,675, Cl. D7-79.000.
Lapsins, Valdis. Radius curve template. 281,887, 12-24-85, Cl. D19-39.000.
Larsen, Gary R.; and Gray, Harold C., to Firestone Tire & Rubber Company, The. Tire. 278,137, 3-26-85, Cl. D12-147.000.
Larsen, Greg S. Adjustable ankle strap for an exercise device. 281,005, 10-15-85, Cl. D21-191.000.
Larsen, Hans O.; and Kindt-Larsen, Ture, to Mia Lens Production A/S. Molding frame for lenses. 281,505, 11-26-85, Cl. D15-136.000.
Larsjos, Ake, to Frosta Fritid Aktiebolaget. Life-saving jacket. 277,974, 3-12-85, Cl. D21-238.000.
Larson, Craig A.; and Darr, Richard C., to Plastipak Packaging, Inc. Plastic bottle. 281,577, 12-3-85, Cl. D9-367.000.
Larson, Donavan R.; Larson, Herbert A. F.; and Larson, Gregory A. Wood burning stove. 277,129, 1-8-85, Cl. D23-97.000.
Larson, Gregory A.: *See—*
  Larson, Donavan R.; Larson, Herbert A. F.; and Larson, Gregory A., 277,129, Cl. D23-97.000.
Larson, Herbert A. F.: *See—*
  Larson, Donavan R.; Larson, Herbert A. F.; and Larson, Gregory A., 277,129, Cl. D23-97.000.
Larson, Kenneth W., to Motorola, Inc. Radio base station cabinet or similar article. 278,058, 3-19-85, Cl. D14-68.000.
Larsson, Bertil, to Stalvall & Larsson Forsaljnings AB. Balance arm for supporting working tools. 279,378, 6-25-85, Cl. D15-138.000.
Larsson, Bertil, to S & L Maskin Aktiebolag. Balance arm for supporting working tools. 281,980, 12-31-85, Cl. D15-138.000.
Larsson, Erik, to Safe Bridge AB. Combined pontoon bridge and raft. 279,668, 7-16-85, Cl. D12-316.000.
Larsson, Lars P.; and Brorsson, Bror J. Petri tray. 278,931, 5-21-85, Cl. D24-31.000.
Lash, Stephen, to Goodyear Tire & Rubber Company, The. Tire. 278,893, 5-21-85, Cl. D12-146.000.
Laslo, Larry R., to American Commercial, Incorporated. Torte plate. 277,444, 2-5-85, Cl. D7-5.000.
Laslo, Larry R., to American Commercial, Incorporated. Snack bowl. 277,919, 3-12-85, Cl. D7-5.000.
Laslo, Larry R., to American Commercial, Incorporated. Relish tray. 277,920, 3-12-85, Cl. D7-5.000.
Laslo, Larry R., to American Commercial, Incorporated. Platter. 278,013, 3-19-85, Cl. D7-1.000.
Laslo, Larry R., to American Commercial, Incorporated. Relish tray. 278,015, 3-19-85, Cl. D7-5.000.
Laslo, Larry R., to American Commercial, Incorporated. Fork. 278,299, 4-9-85, Cl. D7-151.000.
Laslo, Larry R., to American Commercial, Incorporated. Spoon. 278,300, 4-9-85, Cl. D7-151.000.
Laslo, Larry R., to American Commercial, Incorporated. Knife. 278,301, 4-9-85, Cl. D7-151.000.
Laslo, Larry R., to American Commercial, Incorporated. Knife. 278,302, 4-9-85, Cl. D7-151.000.
Laslo, Larry R., to American Commercial, Incorporated. Fork. 278,303, 4-9-85, Cl. D7-151.000.
Laslo, Larry R., to American Commercial, Incorporated. Spoon. 278,304, 4-9-85, Cl. D7-151.000.
Laslo, Larry R., to American Commercial, Incorporated. Knife. 278,678, 5-7-85, Cl. D7-137.000.
Laslo, Larry R., to American Commercial Incorporated. Salad bowl. 280,688, 9-24-85, Cl. D7-5.000.
Laslo, Larry R., to American Commercial Incorporated. Cup. 281,847, 12-24-85, Cl. D7-9.000.
Lassan, Timothy J.; and Skerl, Richard J., to B. F. Goodrich Company, The. Tire. 279,087, 6-4-85, Cl. D12-147.000.
Lassiter, Will M. Trailer king pin lock. 279,351, 6-25-85, Cl. D8-331.000.
Lassiter, Will M. Trailer lock. 281,220, 11-5-85, Cl. D8-331.000.
Lastuck, Leonard V., to AMC Appliances, division of Algonquin Mercantile Corporation. Table top cooking grill. 281,215, 11-5-85, Cl. D7-363.000.
Latham, Peter A.; and Velinsky, Ira, to Opus, Inc. Bird feeder. 278,168, 3-26-85, Cl. D30-15.000.
Latham, Peter A.; and Sabean, Peter J., to Opus, Inc. Bird feeder. 278,559, 4-23-85, Cl. D30-15.000.
Lau, Kam H., to Far East Toys & Novelties Manufacturing Limited. Toy vehicle. 281,341, 11-12-85, Cl. D21-136.000.
Laude, Michael E.; Pendelton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., to Singer Company, The. Sewing machine. 277,863, 3-5-85, Cl. D15-69.000.
Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., to Singer Company, The. Hand operable sewing machine. 278,912, 5-21-85, Cl. D15-69.000.
Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., to Singer Company, The. Hand operable fabric repairing machine. 279,295, 6-18-85, Cl. D15-66.000.
Laude, Michael E.: *See—*
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Laughon, Thomas C.: *See—*
  Barrett, Michael E.; Koon, Randy G.; and Laughon, Thomas C., 281,218, Cl. D8-67.000.
Lavenger, Frank; and Kelley, Dean, to Diamond Machine Company. Work station module. 279,737, 7-23-85, Cl. D6-423.000.
Law, Denny B., to Unique Functional Products. Trailer. 277,271, 1-22-85, Cl. D12-101.000.
Law, Denny B.; and Goettker, Bernhardt P., to Unique Functional Products. Trailer for a three-wheel cycle or the like. 278,615, 4-30-85, Cl. D12-101.000.
Law, Denny B., to Unique Functional Products. Tilting health exerciser. 280,537, 9-10-85, Cl. D21-191.000.
Lawing, Edward: *See—*
  Wolfe, Denis G.; Young, Thomas S.; Wasserman, Arnold S.; and Lawing, Edward, 278,997, Cl. D13-12.000.
Lawrence, Bruce R.; and Christensen, James M., to Sutter Biomedical Inc. Great toe metatarsal phalangeal implant. 277,509, 2-5-85, Cl. D24-33.000.
Lawrence, Frederick J. Combined copying and sorting apparatus. 277,010, 1-1-85, Cl. D16-31.000.
Lawrence, Jay K., to Goodyear Tire & Rubber Company, The. Tire. 278,806, 5-14-85, Cl. D12-146.000.
Lawrence Jewelry Co.: *See—*
  Lindstrom, Kenneth E., 278,009, Cl. D6-455.000.
Lawrence Medical Systems, Inc.: *See—*
  Barnes, Stephen R., 281,623, Cl. D24-17.000.
Laws, Wallace H. Bowling glove. 280,779, 10-1-85, Cl. D2-361.000.
Lax, Michael, to American Commercial, Incorporated. Teakettle. 277,253, 1-22-85, Cl. D7-320.000.
Lax, Michael, to American Commercial Incorporated. Kettle. 279,755, 7-23-85, Cl. D7-320.000.
Lax, Michael, to American Commercial Incorporated. Kettle. 279,756, 7-23-85, Cl. D7-320.000.
Lax, Michael, to American Commercial Incorporated. Kettle. 279,757, 7-23-85, Cl. D7-320.000.
Lax, Michael S., to Fiat Products, Inc. Bathtub. 277,306, 1-22-85, Cl. D23-55.000.
Lazar, Ralph M.; Peterson, Kurt T.; and Bell, Randall P., to Helen of Troy Corporation. Hair dryer or similar article. 280,558, 9-10-85, Cl. D28-13.000.
Lazarus, Wayne P. Razor assembly or the like. 281,282, 11-5-85, Cl. D28-47.000.
Lea, David: *See—*
  Johnson, Anthony W.; and Lea, David, 280,603, Cl. D9-389.000.
  Johnson, Anthony W.; and Lea, David, 280,604, Cl. D9-389.000.
Leaf, Charles R.: *See—*
  Rivkin, Bernard W.; and Leaf, Charles R., 278,576, Cl. D6-317.000.
Leath, Lonzie. Stereo stand. 277,439, 2-5-85, Cl. D6-474.000.
Leath, Lonzie. Beeper holster. 280,863, 10-8-85, Cl. D2-400.000.
Leavines Electrical Tracing Company: *See—*
  Miller, Kenneth C., 279,284, Cl. D13-24.000.
LeBoutillier, Jean. Sewing weight kit. 277,429, 2-5-85, Cl. D3-18.000.
Ledan, Inc.: *See—*
  Leo, Daniel W., Sr., 280,163, Cl. D6-473.000.
Lederrey, Marc, to Rado Uhren AG. Watch case. 277,830, 3-5-85, Cl. D10-39.000.
Ledoux, Gilbert A., to Litton Systems, Inc. Ink ribbon cartridge. 280,210, 8-20-85, Cl. D18-12.000.
Lee, Alan Y. T. Star jewelry ornament or the like. 280,188, 8-20-85, Cl. D11-70.000.
Lee, Alan Y. T. Star jewelry ornament or the like. 280,391, 9-3-85, Cl. D11-70.000.
Lee, Alan Y. T. Star jewelry ornament or the like. 280,392, 9-3-85, Cl. D11-70.000.
Lee, Alan Y. T. Star jewelry ornament or the like. 280,393, 9-3-85, Cl. D11-70.000.
Lee, Alan Y. T. Star jewelry ornament or the like. 280,394, 9-3-85, Cl. D11-70.000.
Lee, Alan Y. T.: *See—*
  Cheng, Jung-Tsung; and Lee, Alan Y. T., 280,395, Cl. D11-146.000.
Lee, Hugh M., to Amiga Corporation. Hand operated control unit for video games. 279,912, 7-30-85, Cl. D21-48.000.
Lee Pharmaceuticals, Inc.: *See—*
  Mast, Rolf, 281,729, Cl. D28-59.000.
Lee, Ping M., to Bondwell Electronics Ltd. Handset telephone. 277,574, 2-12-85, Cl. D14-64.000.
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  Arnold, William D.; and Causey, Charles E., 276,967, Cl. D6-327.000.
  Arnold, William D.; and Bertram, Paul F., 281,931, Cl. D6-317.000.
Leeds, Douglas B., to Thomson-Leeds Company, Inc. Literature holder. 278,109, 3-26-85, Cl. D6-419.000.
Leer, Incorporated: *See—*
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Lee's Manufacturing Company, Inc.: *See—*
  Liebrick, William C.; and Morvillo, Charles A., 277,085, Cl. D11-92.000.
Lefebure Isolants Reunis: *See—*
  Chevassus, Alain, 277,896, Cl. D28-78.000.
  Chevassus, Alain, 279,225, Cl. D28-83.000.
Leger, Jean-Paul. Digital watch. 277,829, 3-5-85, Cl. D10-38.000.
Legler, John G.: *See—*
  Irelan, Edward A.; Folkerth, Harold E.; Legler, John G.; and Woods, Garry W., 281,328, Cl. D15-133.000.
Legrottaglie, Pietro, to Carlo Reggiani S.p.A. Jar. 281,764, 12-17-85, Cl. D9-352.000.
Lehman, Andrew S. Note holder stand for calendars and documents. 279,991, 8-6-85, Cl. D19-21.000.
Lehman, Dexter K.: *See—*
  Wiese, Martin; Shearer, Thomas E.; and Lehman, Dexter K., 277,517, Cl. D32-22.000.

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Leifert, Heinz J., to Holz-Design Hofman & Schafer GmbH. Mirror. 277,720, 2-26-85, Cl. D6-306.000.
Leifheit, Eric S. Solid body guitar. 277,292, 1-22-85, Cl. D17-19.000.
Leininger, Janice L., to Dart Industries Inc. Container cover with pour spout or the like. 278,115, 3-26-85, Cl. D7-392.000.
Leiserson, Steven G.; and Wren, Noel. Battery belt. 279,424, 7-2-85, Cl. D2-381.000.
Leiserson, Steven G. Carrying case. 280,260, 8-27-85, Cl. D3-33.000.
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Lemaire, Emile, to Colgate-Palmolive Company. Bottle. 280,077, 8-13-85, Cl. D9-372.000.
Leman, Arthur L., to Health Enterprises, Inc. Pill box. 281,225, 11-5-85, Cl. D9-341.000.
Le Marr, Wesley A.: *See—*
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Lemkin, Jack L., to O. M. Scott & Sons Company, The. Sprinkler base. 277,776, 2-26-85, Cl. D23-7.000.
Lemkin, Jack L., to O. M. Scott & Sons Company, The. Sprinkler. 277,777, 2-26-85, Cl. D23-7.000.
Lemkin, Jack L., to O. M. Scott & Sons Company, The. Sprinkler. 277,778, 2-26-85, Cl. D23-7.000.
Lemkin, Jack L.; Zilber, Eugene A.; and Peterson, Carl A., to O. M. Scott & Sons Company, The. Timer-shut off valve. 281,808, 12-17-85, Cl. D23-38.000.
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Lenhart, Richard D.; and Lindblad, Roger D., to Zot Manufacturing Company. Pin setter return track mounting bridge. 281,523, 11-26-85, Cl. D21-233.000.
Lennox Industries, Inc.: *See—*
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Lenzi, Louis E., Jr., to International Business Machines Corporation. Keyboard. 281,246, 11-5-85, Cl. D14-100.000.
Leo, Daniel W., Sr., to Ledan, Inc. Wine display rack or similar article. 280,163, 8-20-85, Cl. D6-473.000.
Leo, Nick F. Buoy. 278,803, 5-14-85, Cl. D10-107.000.
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Leray, Claire, to Essilor International (Compagnie d'Optique). Font of type. 279,795, 7-23-85, Cl. D18-24.000.
Lerch, Karl D., to Quaker Oats Company, The. Toy pickup truck. 277,494, 2-5-85, Cl. D21-136.000.
Lerch, Karl D., to Quaker Oats Company, The. Toy trailer. 279,493, 7-2-85, Cl. D21-134.000.
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Tyler, Frank S., 280,182, Cl. D9-425.000.
Tyler, Frank S., 280,490, Cl. D9-425.000.
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Levetz, Brenda K., to Anderson, Clayton & Co. Blank for a shipping and display carton. 280,079, 8-13-85, Cl. D9-433.000.
Levin, Gus. Combined accessory tray and book support for use in bath tubs, beds or the like. 280,788, 10-1-85, Cl. D6-406.000.
Levin, Monte, to Standex International Corporation. Tree stand. 278,891, 5-21-85, Cl. D11-130.100.
Levin, Monte L.; and Daly, John J., to Square D Company. Chime cover plate. 280,082, 8-13-85, Cl. D10-118.000.
Levin, Monte L.; and Daly, John J., to Square D Company. Chime cover plate. 280,083, 8-13-85, Cl. D10-118.000.
Levin, William; and Skyer, Kenneth. Purse alarm. 278,318, 4-9-85, Cl. D10-106.000.
LeVine, Arthur L. Knife holder for knife sharpener. 278,237, 4-2-85, Cl. D8-71.000.
Levine, Daniel E. Novelty sculpture. 281,059, 10-22-85, Cl. D11-157.000.
Levine, Hyman S. Dental impression maxillary tray. 278,274, 4-2-85, Cl. D24-10.000.
Levine, Lawrence E. Combined pipe cleaner and lamp therefor. 281,918, 12-24-85, Cl. D32-14.000.
Levine, Leonard. Roll and bagel slicing jig. 277,066, 1-8-85, Cl. D7-43.000.
Levine, Leonard. Bagel slicing jig. 277,445, 2-5-85, Cl. D7-43.000.
Levine, Leonard. Bagel slicing jig. 279,156, 6-11-85, Cl. D7-43.000.
Levine, Susan H. Beverage mug. 277,354, 1-29-85, Cl. D7-9.000.
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Levoy, Barton M. Eyeglasses. 280,831, 10-1-85, Cl. D16-116.000.
Levoy, Barton M. Eyeglasses. 281,074, 10-22-85, Cl. D16-102.000.
Levy, Didya. Finger lancing device. 277,507, 2-5-85, Cl. D24-28.000.
Levy, Edward, to Marley Tile, A.G. Combination folding bed and lap tray. 281,555, 12-3-85, Cl. D6-406.000.
Levy, Edward D.; and Ballone, Michael P., to Gee Associates. Wall mounted holder for removable bins. 277,715, 2-26-85, Cl. D6-571.000.
Levy, Edward D.; and Ballone, Michael P., to Gee Associates. Tool tray. 277,801, 2-26-85, Cl. D34-44.000.
Levy, Richard C.; Levy, Sheryl; and Piaget, Gary. Phonograph or similar article. 277,399, 1-29-85, Cl. D21-112.000.
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Lewandowski, Raymond, to Becton, Dickinson and Company. Packaging container for a stopcock or the like. 277,457, 2-5-85, Cl. D9-415.000.
Lewellen, Richard R., to Nordson Corporation. Computerized electronic robot controller. 277,856, 3-5-85, Cl. D14-103.000.
Lewis, Arthur M.; and Scudo, Aldo, to Exxon Research and Engineering Co. Cleaning card for ink jet print head or similar article. 280,109, 8-13-85, Cl. D18-99.000.
Lewis, Barbara K., to Qume Corporation. Computer housing. 281,245, 11-5-85, Cl. D14-100.000.
Lewis, Frederick F. Game carrying strap assembly having plural loop ended straps. 278,456, 4-16-85, Cl. D22-13.000.
Lewis, Maxwell P. Gemless ring. 278,216, 4-2-85, Cl. D11-27.000.
Lewis, Maxwell P. Gemless ring. 278,417, 4-16-85, Cl. D11-27.000.
Lewis, Robert H.; and Munoz, Hector J., to Ford Motor Company. Front control panel for a vehicular combined tape player and radio or the like. 281,418, 11-19-85, Cl. D14-10.000.
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Liang, Fan B. Agile safety pin. 278,855, 5-21-85, Cl. D2-405.000.
Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., to Liautaud, James P. Battery charger housing for a portable battery operated transceiver. 278,228, 4-2-85, Cl. D13-5.000.
Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., to Liautaud, James P. Belt holder for a portable radio or the like. 280,146, 8-20-85, Cl. D2-400.000.

Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., to Liautaud, James P. Mobile radio housing. 281,601, 12-3-85, Cl. D14-68.000.
Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., to Liautaud, James P. Portable battery operated transceiver. 281,602, 12-3-85, Cl. D14-68.000.
Liberty Glass Company: *See—*
    Moss, James F., 279,356, Cl. D9-434.000.
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- Lowrey, Charles. Chair. 278,286, 4-9-85, Cl. D6-372.000.
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- Lundquist, Roy D. Combined chair and bookrack. 278,767, 5-14-85, Cl. D6-335.000.
- Luntz, S. Richard. Writing instrument. 277,682, 2-19-85, Cl. D19-47.000.
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- Luthe, Claus; and Boyer, Boyke, to Bayerische Motoren Werke Aktiengesellschaft. Rear bumper for automobile. 281,153, 10-29-85, Cl. D12-169.000.
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- Mabberley, Ben; and Weatherell, Rennie. Game board. 277,769, 2-26-85, Cl. D21-25.000.
- MacDonald, John B., to Lifeline Systems, Inc. Portable emergency alarm transmitter. 277,465, 2-5-85, Cl. D10-106.000.
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- MacGregor, Francis W., to Clairol Incorporated. Foot massager. 280,934, 10-8-85, Cl. D24-36.000.
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- Mackie, Laura J. Necklace or similar article. 277,559, 2-12-85, Cl. D11-6.000.
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- Maglioli, Umberto. Watch case. 277,265, 1-22-85, Cl. D10-31.000.
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Mak, Kai S., to Hop Lee Cheong Industrial Co. Ltd. Drawing toy. 279,490, 7-2-85, Cl. D21-59.000.
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Makhoulian, Paul B. Toy gun. 278,452, 4-16-85, Cl. D21-145.000.
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  Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., 281,602, Cl. D14-68.000.
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Mangini, Victor P.; and McAlear, Anthony M., Jr., to American Footwear Corporation. Footwear outer sole. 281,286, 11-12-85, Cl. D2-320.000.
Mango, Joseph R.; and Wolfe, Donald G., to Gerber Products Company. Humidifer. 279,215, 6-11-85, Cl. D23-146.000.
Mango, Joseph R.; and Wolfe, Donald G., to Gerber Products Company. Vaporizer. 279,216, 6-11-85, Cl. D23-148.000.
Mann, Kittson, to Chung Mei Metal and Plastic Factory Limited. Lantern. 278,275, 4-2-85, Cl. D26-42.000.
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Manning, Peter R., to Dixon-Manning Sales and Marketing Limited. Aerial toy. 279,803, 7-23-85, Cl. D21-86.000.
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  Blankenship, Larry K.; and Manno, Joseph, 281,278, Cl. D24-17.000.
Manno, Joseph J.; and O'Leary, Stephen H., to IVAC Corporation. Parenteral infusion pump. 278,743, 5-7-85, Cl. D24-8.000.
Manno, Joseph J.; Davis, David L.; Busche, William W.; Conley, Richard B.; Mleczko, Robert; and Brown, Craig F., to IVAC Corporation. Intermittent medical delivery controller. 282,002, 12-31-85, Cl. D24-8.000.
Manno, Joseph J.: *See—*
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Mano, Kazunori: *See—*
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  Alvarez, Michael A.; Fried, George; and Payne, George, 277,315, Cl. D24-55.000.
Mansau, Serge, to Lever Brothers Company. Bottle or similar article. 277,543, 2-12-85, Cl. D9-370.000.
Mansau, Serge, to American Cyanamid Company. Combined bottle and cap. 277,730, 2-26-85, Cl. D9-300.000.
Mansau, Serge, to American Cyanamid Company. Combined bottle and cap. 277,735, 2-26-85, Cl. D9-403.000.
Mansau, Serge, to American Cyanamid Company. Carton. 279,262, 6-18-85, Cl. D9-423.000.
Mansfield, Allen: *See—*
  Tooke, Michael H., 280,151, Cl. D6-326.000.
Manufacture Metallurgique de Tournus, S.A.: *See—*
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Manville Service Corporation: *See—*
  Wilson, Jerry F., 278,601, Cl. D9-433.000.
Manzi, Joseph, to Gossling Development Corporation. Physical exerciser; a pull and release type. 277,972, 3-12-85, Cl. D21-198.000.
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  Gelsen, Ralf, 278,661, Cl. D4-104.000.
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  Pulie, Luciano, 279,904, Cl. D16-102.000.
Marcus, Paul. Bottle or the like. 279,354, 6-25-85, Cl. D9-351.000.
Marcus, Paul. Bottle or the like. 279,546, 7-9-85, Cl. D9-349.000.
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Marg, Joseph, to Stay-Tite Products. Glazing compound dispensing spout. 279,867, 7-30-85, Cl. D9-442.000.
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  Bulgari, Marina, 277,702, Cl. D27-23.000.
  Bulgari, Marina, 278,805, Cl. D11-40.000.
  Bulgari, Marina, 279,082, Cl. D11-43.000.
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Marino, Jerry C.; and Collins, Steven W., to Prime Computer, Inc. Enclosure for data processing system. 280,509, 9-10-85, Cl. D14-102.000.
Marino, Jerry C.; and Desilets, David E., to Prime Computer, Inc. Computer terminal. 281,607, 12-3-85, Cl. D14-106.000.
Mariol, James F. Toy kitchen. 277,020, 1-1-85, Cl. D21-122.000.
Mariol, James F. Toy tractor. 277,770, 2-26-85, Cl. D21-79.000.
Mariol, James F. Toy sandbox cover. 280,436, 9-3-85, Cl. D21-252.000.
Mariol, James F., to Scott & Fetzer Company, The. Compressor. 280,993, 10-15-85, Cl. D15-9.000.
Mariol, James F. Toy helicopter. 281,708, 12-10-85, Cl. D21-85.000.
Mark, Andrew, to Salton, Inc. Radio. 277,098, 1-8-85, Cl. D14-68.000.
Markarian, Albert E. Combined dispenser and applicator. 277,990, 3-12-85, Cl. D32-45.000.
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  Becker, James H., 277,991, Cl. D34-20.000.
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Marks, Robert J. Table. 279,632, 7-16-85, Cl. D6-477.000.
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  Merl, Milton J.; and Assouline, Maurice, 277,537, Cl. D7-301.000.
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Marler, Ray A. Combined dirt scraper and spreader. 279,192, 6-11-85, Cl. D15-13.000.
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  Levy, Edward, 281,555, Cl. D6-406.000.
Marovich, John R. Car top carrier. 279,972, 8-6-85, Cl. D12-157.000.
Marquesen, John L., to Spearhead Industries, Inc. Tandem sled. 281,679, 12-10-85, Cl. D12-11.000.
Marrinan, Robert F.; and Orr, James D., to D. L. Auld Company, The. Automobile fuel door scratch guard. 279,468, 7-2-85, Cl. D12-190.000.
Marrs, David J., to John Corby Limited. Trousers press. 281,029, 10-15-85, Cl. D32-9.000.
Marschak, Claire M., to Quaker Oats Company, The. Water toy figure. 279,308, 6-18-85, Cl. D21-160.000.
Marsh, Gunnar; and Olander, Christer, to Landstingens Inkopscentral, LIC, ekonomisk forening. Artificial leg. 282,006, 12-31-85, Cl. D24-33.000.
Marsh, Susan A.; and Schaefer, George E., to Coleco Industries, Inc. Doll carriage. 277,772, 2-26-85, Cl. D21-134.000.
Marshak, Michael S. Front panel for a combined audio mixer and preamplifier or similar article. 280,897, 10-8-85, Cl. D14-96.000.
Marshall, Donald E., to Container Corporation of America. Toy delivery truck. 279,589, 7-9-85, Cl. D21-78.000.
Marshall, Eric J., to Marshall Telephone Corporation Limited, The. Telephone. 278,052, 3-19-85, Cl. D14-53.000.

Marshall, Eric J., to Eric Marshall Associates Limited. Telephone. 279,373, 6-25-85, Cl. D14-53.000.
Marshall, Eric J., to Marshall Telephone Corporation Limited, The. Telephone. 279,894, 7-30-85, Cl. D14-53.000.
Marshall, John F., to Beehive International. Video terminal. 280,623, 9-17-85, Cl. D14-106.000.
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Marshall, William G.: *See—*
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Martignette, Patricia A. Zodiacal cusp medallion. 278,322, 4-9-85, Cl. D11-105.000.
Martin, Clyde J. Swizzle stick. 278,017, 3-19-85, Cl. D7-42.000.
Martin, Edward J. Combined bracket and disposable toothbrush holder. 278,777, 5-14-85, Cl. D6-534.000.
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Martin, Jeffery G.; and Downing, Verlon D., to Huffy Corporation. Pedal. 277,838, 3-5-85, Cl. D12-125.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Jar or similar article. 280,698, 9-24-85, Cl. D9-329.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Jar or similar article. 280,699, 9-24-85, Cl. D9-329.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Jar or similar article. 280,700, 9-24-85, Cl. D9-329.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Jar or similar article. 280,701, 9-24-85, Cl. D9-329.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Jar or similar article. 280,702, 9-24-85, Cl. D9-329.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Vitamin tablet. 281,017, 10-15-85, Cl. D28-3.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Vitamin tablet. 281,018, 10-15-85, Cl. D28-3.000.
Martin, Jim H.; and Yancey, Donnie R., to Vita-Fresh Vitamin Company, Inc. Vitamin tablet. 281,103, 10-22-85, Cl. D28-3.000.
Martin, Quentin E., Jr. Uniform accessory hanger or similar article. 281,036, 10-22-85, Cl. D6-315.000.
Martin, Robert P., Jr. Tractor cab. 279,660, 7-16-85, Cl. D12-96.000.
Martin, William P. Drainboard. 280,249, 8-20-85, Cl. D32-56.000.
Martinez, Carlos M., to Monturas y Fornituras, S.A. Spray dispenser. 277,549, 2-12-85, Cl. D9-300.000.
Martinez, Ernest. Football clapper. 278,642, 4-30-85, Cl. D21-64.000.
Martini, Jeanne M., to Bali Company. Brassiere. 281,924, 12-31-85, Cl. D2-24.000.
Martino, James V. Fishing lure. 281,094, 10-22-85, Cl. D22-29.000.
Martinovics, Antal M.; and Kohalmi, Andrew G. Ashtray. 278,749, 5-7-85, Cl. D27-27.000.
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Maruyama, Eiki, to Maruyama Industrial Co. Ltd. Dry battery driven liquid pump. 280,823, 10-1-85, Cl. D15-7.000.
Maruyama, Eiki, to Maruyama Industrial Co. Ltd. Dry battery driven liquid pump. 280,902, 10-8-85, Cl. D15-7.000.
Maruyama, Eiki, to Maruyama Industrial Co. Ltd. Dry battery driven liquid pump. 280,991, 10-15-85, Cl. D15-7.000.
Maruyama, Eiki. Dry battery driven liquid pump. 280,992, 10-15-85, Cl. D15-7.000.
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    Maruyama, Eiki, 280,991, Cl. D15-7.000.
Maruyama, Naoyuki, to Kabushiki Kaisha Suwa Seikosha; and Epson Corporation. Electronic printer. 278,714, 5-7-85, Cl. D14-111.000.
Maruyama, Naoyuki, to Kabushiki Kaisha Suwa Seikosha; and Epson Corporation. Electronic printer. 278,821, 5-14-85, Cl. D14-111.000.
Maruyama, Naoyuki, to Epson Corporation; and Kabushiki Kaisha Suwa Seikosha. Electronic printer. 279,292, 6-18-85, Cl. D14-111.000.
Maruyama, Satoko, to Seiko Instruments & Electronics Ltd. Pocket watch. 278,036, 3-19-85, Cl. D10-30.000.
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    Imatt, Alexander; and Kuna, Wayne A., 279,304, Cl. D21-122.000.
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    Rivette, Denni F.; and Terzian, Rouben T., 278,532, Cl. D14-53.000.
    Rivette, Denni F.; Wildman, John R.; and Breslow, Jeffrey D., 279,673, Cl. D14-53.000.
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Mason, Jonathan J.; and Bowen, John, to J. & J. Marine Pty. Ltd. Center hull for a trimaran. 277,376, 1-29-85, Cl. D12-304.000.
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Master Lock Company: *See—*
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Matalon, Norma. Fragrance container. 281,281, 11-5-85, Cl. D28-5.000.
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Matsubara, Masaki; and Ikeda, Shuichi, to Shiseido Company Ltd. Cosmetic bottle. 278,410, 4-16-85, Cl. D9-403.000.
Matsubara, Masaki; and Ikeda, Shuichi, to Shiseido Company Ltd. Cosmetic atomizer. 279,511, 7-2-85, Cl. D28-91.100.
Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., to International Jensen Incorporated. Receiver front panel assembly. 277,100, 1-8-85, Cl. D14-76.000.
Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., to International Jensen Incorporated. Video monitor front panel assembly. 277,182, 1-15-85, Cl. D14-84.000.
Matsuda, Hari, to Aspen Recreational Products, Ltd. Loudspeaker housing. 277,277, 1-22-85, Cl. D14-33.000.
Matsuda, Hari, to Aspen Recreational Products, Ltd. Electronic loudspeaker cabinet. 277,278, 1-22-85, Cl. D14-33.000.
Matsuda, Hari, to Aspen Recreational Products, Ltd. Cabinet for loudspeaker. 277,279, 1-22-85, Cl. D14-33.000.
Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., to International Jensen Incorporated. Combined video monitor and loudspeaker system front panel assembly. 277,482, 2-5-85, Cl. D14-84.000.
Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., to International Jensen Incorporated. Loudspeaker front panel assembly. 278,335, 4-9-85, Cl. D14-39.000.
Matsuda, Hari, to Hari & Associates, Inc. Desk with foldable top. 280,366, 9-3-85, Cl. D6-425.000.
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- Matsumoto, Yoshiharu, to Sony Corporation. Magnetic tape cassette. 278,145, 3-26-85, Cl. D14-11.000.
- Matsumura, Hideo: *See—*
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- Matsuo, Jiro, to Citizen Watch Co., Ltd. Watch band. 279,276, 6-18-85, Cl. D11-4.000.
- Matsuo, Jiro, to Citizen Watch Co., Ltd. Watch band. 279,555, 7-9-85, Cl. D11-4.000.
- Matsushima, Hiroshi: *See—*
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  - Miyamoto, isshin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, 280,033, Cl. D32-22.000.
  - Morita, Masakatsu, 277,178, Cl. D14-17.000.
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  - Tanaka, Michio; and Hamada, Masanori, 278,231, Cl. D14-5.000.
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- Matsushita Electrical Industrial Co., Ltd.: *See—*
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- Mattel, Inc.: *See—*
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  - Barbato, Michael W.; Mattson, Ray W.; and Nordgren, Michael R., 280,223, Cl. D21-136.000.
  - Barbato, Michael W.; Hodges, Henry T.; and Mattson, Ray W., 281,615, Cl. D21-81.000.
  - Conklin, Marilyn L., 280,920, Cl. D21-161.000.
- Matthaei, Charles W. H., to Roman Meal Company. Diet scale. 280,887, 10-8-85, Cl. D10-90.000.
- Matthaei, Charles W. H., to Roman Meal Company. Diet scale platform. 280,977, 10-15-85, Cl. D10-94.000.
- Matthews, Charles, to Plan Hold Corporation. Balanced light for drafting tables. 280,030, 8-6-85, Cl. D26-60.000.
- Matthews, Peter P.: *See—*
  - Guertin, Raymond J.; Kang, Chuhong; and Matthews, Peter P., 277,757, Cl. D15-124.000.
- Matthews, Steven T.: *See—*
  - Olson, David V.; and Matthews, Steven T., 277,630, Cl. D6-501.000.
- Matthias, Jan H., to Casa Bella Imports, Inc. Combined bed and headboard lamp. 280,155, 8-20-85, Cl. D6-383.000.
- Matti, Dominic. Van running board. 277,470, 2-5-85, Cl. D12-203.000.
- Mattson, Ray W.: *See—*
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- Mattsson, Kjell: *See—*
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- Matushima, Hiroshi, to Pioneer Electronic Corporation. Loudspeaker. 281,597, 12-3-85, Cl. D14-34.000.
- Mau, Roberta L.; and Manos, Christopher A., to SUB-CO. Table service light. 279,717, 7-16-85, Cl. D26-101.000.
- Mauro, Charles L.: *See—*
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  - Wright, Harold T., 281,321, Cl. D14-109.000.
- Maxwell, John, to Nickerson, Ted E. Stirrer for paints or the like. 277,729, 2-26-85, Cl. D8-14.000.
- Maxwell, Richard D., to Kwik-Way Manufacturing Corporation. Surfacing machine for engine heads or the like. 279,682, 7-16-85, Cl. D15-124.000.
- Maxwell, Richard L., Sr.: *See—*
  - Burket, Kenneth A.; Koenig, Gerhard F.; and Maxwell, Richard L., Sr., 280,240, Cl. D26-132.000.
- Mayer, Andrew S.: *See—*
  - Becker, James F.; and Mayer, Andrew S., 278,722, Cl. D19-28.000.
- Maynard, Walter P., Jr. Liquid container. 278,799, 5-14-85, Cl. D9-376.000.
- Mays, Sara S. Rag doll. 281,091, 10-22-85, Cl. D21-181.000.
- Maza, Dale T.: *See—*
  - Fuller, John M.; and Maza, Dale T., 280,857, Cl. D34-11.000.
- Mazeika, Albert. Frame corner retainer. 278,111, 3-26-85, Cl. D6-491.000.
- Mazeika, Albert, to Needlepointer. Needlework frame. 281,374, 11-19-85, Cl. D3-26.000.
- Mazzoni, Alessandro, to Rinaldo Piaggio S.p.A. Aircraft. 280,892, 10-8-85, Cl. D12-332.000.
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- McAlinden, Daniel, to Sunbeam Plastics Corporation. Bottle. 278,597, 4-30-85, Cl. D9-349.000.
- McBride, William E.: *See—*
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- McCabe, Gerald L. Convertible table. 278,101, 3-26-85, Cl. D6-478.000.
- McCaffrey, James A. Picture frame. 278,865, 5-21-85, Cl. D6-311.000.
- McCaffrey, James A. Picture frame. 279,146, 6-11-85, Cl. D6-309.000.
- McCain, George L., to John Fluke Mfg. Co., Inc. Digital clock/calendar. 278,889, 5-21-85, Cl. D10-15.000.
- McCall, Kenneth E.: *See—*
  - Johnson, David E.; Aebersold, Larry A.; and McCall, Kenneth E., 281,250, Cl. D15-144.000.
- McCandless, William J. C.: *See—*
  - Uffenheimer, Kenneth F.; Svenjak, Dario; Diebler, Herman G.; McCandless, William J. C.; Herron, Rand E.; and Saros, Stephen, 277,891, Cl. D24-31.000.
- McCarthy, Alfred F., to Aavid Engineering, Inc. Pinned-extrusion heat sink for electronic devices. 277,748, 2-26-85, Cl. D13-23.000.
- McCarthy, Alfred F., to Aavid Engineering, Inc. Staggered-fin heat sink for electrical devices. 280,319, 8-27-85, Cl. D13-23.000.
- McCarthy, Alfred F., to Aavid Engineering, Inc. Twisted-fin heat sink for electrical devices. 280,320, 8-27-85, Cl. D13-23.000.
- McCartin, Gerald S., to Sunset Time, Inc. Combined picture frame and photograph album. 278,666, 5-7-85, Cl. D6-300.000.
- McClare, Andrew V., to Eastman Kodak Company. Photographic camera with integral cover-handle. 277,582, 2-12-85, Cl. D16-5.000.
- McClellan, Thomas M., to McClellan, Thomas M. Dispenser for candy, nuts or the like. 277,633, 2-19-85, Cl. D7-76.000.
- McClelland, Donald R., to Rubbermaid Incorporated. Waste receptacle. 280,459, 9-3-85, Cl. D34-8.000.
- McClelland, Donald R., to Rubbermaid Incorporated. Swing top self-closing waste receptacle. 281,111, 10-22-85, Cl. D34-8.000.
- McClelland, Donald R., to Rubbermaid Incorporated. Combined casserole dish and roasting rack. 281,480, 11-26-85, Cl. D7-356.000.
- McCloskey, Don R., to Black & Decker, Inc. Portable vacuum cleaner. 278,278, 4-2-85, Cl. D32-18.000.
- McCloskey, Don R., to Black & Decker, Inc. Combined electric scrub brush and storage base therefor. 279,626, 7-16-85, Cl. D4-100.000.
- McCloskey, Donald R.; and Gogoll, Thornton H., to Black & Decker, Inc. Hand held blower. 279,319, 6-18-85, Cl. D32-15.000.
- McCluhan, Darrell, to Celebrity China Company. Display unit for china and crystal or the like. 278,494, 4-23-85, Cl. D6-436.000.
- McCoy, Kenneth H. Stuffed novelty mouse figure or the like. 278,646, 4-30-85, Cl. D21-188.000.
- McCray, Philip C., to Kershaw Manufacturing Company, Inc. Tree trimming machine. 281,071, 10-22-85, Cl. D15-26.000.
- McCreery, Hugh L.; Van Teslaar, David A.; and Walker, Larry L., to Holz Rubber Company, Inc. Replaceable pulley lagging pad. 280,772, 9-24-85, Cl. D34-35.000.
- McCully, Peter K., to Illinois Tool Works Inc. Tie fastener. 276,952, 1-1-85, Cl. D2-428.000.
- McDaris, Creed F. Periscopic remote illuminator. 279,131, 6-4-85, Cl. D26-37.000.
- McDonald, John E. Combined top and support unit for a table. 279,444, 7-2-85, Cl. D6-511.000.
- McDonald, Peter, to Firestone Tire & Rubber Company, The. Tire. 278,220, 4-2-85, Cl. D12-147.000.
- McDonald, R. J. Seat. 279,052, 6-4-85, Cl. D6-334.000.
- McFarlane, Richard H. Chamber base for catheter. 282,008, 12-31-85, Cl. D24-54.000.
- McFerron, Jeff D.: *See—*
  - Halcomb, Walter C., Sr.; Halcomb, W. Carl, Jr.; and McFerron, Jeff D., 279,101, Cl. D15-5.000.

- McGaha, George V.: *See—*
  - Truette, Danny M.; and McGaha, George V., 277,503, Cl. D24-5.000.
- McGarry, Brian F. Security stop for doors. 277,645, 2-19-85, Cl. D8-402.000.
- McGarvey, John N.; Prince, Terry B.; and Zambelli, Michael P., to AT&T Technologies, Inc.; and AT&T Bell Laboratories. Housing for a keyboard or similar article. 277,001, 1-1-85, Cl. D14-60.000.
- McGarvey, John N.; and Tilley, Alvin R., to AT&T Technologies, Inc. Housing for a handset telephone. 277,573, 2-12-85, Cl. D14-53.000.
- McGarvey, John N.; and Tilley, Alvin R., to AT&T Technologies, Inc. Housing for a telephone or similar article. 278,531, 4-23-85, Cl. D14-53.000.
- McGarvey, John N.; and Tilley, Alvin R., to AT&T Technologies, Inc. Housing for telephone handset. 278,816, 5-14-85, Cl. D14-63.000.
- McGarvey, John N.; and Tilley, Alvin R., to AT&T Technologies, Inc. Telephone stand or similar article. 280,098, 8-13-85, Cl. D14-60.000.
- McGarvey, John N.: *See—*
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  - Campbell, John S.; Engstrom, John G.; McGarvey, John N.; and Zambelli, Michael P., 280,896, Cl. D14-95.000.
  - Genaro, Donald M.; and McGarvey, John N., 277,002, Cl. D14-60.000.
  - Genaro, Donald M.; McGarvey, John N.; Stern, Arthur L., Jr.; and Tilley, Alvin R., 277,479, Cl. D14-60.000.
  - Genaro, Donald M.; Hall, Norris R.; McGarvey, John N.; and Skubiak, Michael T., 277,570, Cl. D14-59.000.
  - Genaro, Donald M.; Gotway, Jerome M.; Hall, Norris R.; and McGarvey, John N., 277,665, Cl. D14-60.000.
  - Genaro, Donald M.; Gotway, Jerome M.; Hall, Norris R.; and McGarvey, John N., 278,056, Cl. D14-60.000.
  - Genaro, Donald M.; and McGarvey, John N., 278,813, Cl. D14-60.000.
  - Genaro, Donald M.; Joffe, Richard M.; and McGarvey, John N., 278,814, Cl. D14-60.000.
  - Genaro, Donald M.; Joffe, Richard M.; and McGarvey, John N., 279,005, Cl. D14-63.000.
  - Genaro, Donald M.; Harden, Daniel K.; and McGarvey, John N., 279,982, Cl. D14-60.000.
  - Genaro, Donald M.; and McGarvey, John N., 280,505, Cl. D14-60.000.
  - Jackwicz, William V.; Jampathom, Sompoppol; McGarvey, John N.; and Tilley, Alvin R., 277,480, Cl. D14-61.000.
  - Joffe, Richard M.; and McGarvey, John N., 280,325, Cl. D14-60.000.
  - Joffe, Richard M.; and McGarvey, John N., 281,599, Cl. D14-62.000.
- McGill, Leland S. Combined toilet seat and cover. 277,500, 2-5-85, Cl. D23-71.000.
- McGowen, Wayne H. Therapeutic exerciser or similar article. 280,116, 8-13-85, Cl. D21-191.000.
- McGraw-Edison Company: *See—*
  - Brooks, Leonard J., Jr.; and Sawyer, Richard C., Jr., 280,500, Cl. D13-13.000.
  - Petrus, Kenneth J., 279,298, Cl. D19-62.000.
  - Serfass, Jonathan D.; and Sawyer, Richard C., Jr., 280,598, Cl. D8-397.000.
- McGuire, Thayard A. Decorative wheel. 281,616, 12-3-85, Cl. D21-101.000.
- McGuire, Thayard A. Push stick for a hoop. 281,990, 12-31-85, Cl. D21-210.000.
- McIntosh, Lois A. Microwave oven rack. 278,306, 4-9-85, Cl. D7-409.000.
- McJunkin, Claude L. Golf door trophy. 279,556, 7-9-85, Cl. D11-133.000.
- McJunkin, Claude L. Golf wood trophy. 279,557, 7-9-85, Cl. D11-157.000.
- McJunkin, Claude L. Golf iron trophy. 279,558, 7-9-85, Cl. D11-157.000.
- McJunkin Corporation: *See—*
  - Gall, Adam F.; and McJunkin, Howard P., Jr., 277,223, Cl. D23-1.000.
- McJunkin, Howard P., Jr.: *See—*
  - Gall, Adam F.; and McJunkin, Howard P., Jr., 277,223, Cl. D23-1.000.
- McKay, Stewart K. Lounge chair frame. 280,276, 8-27-85, Cl. D6-501.000.
- McKee, Helen R. Communion pack. 279,865, 7-30-85, Cl. D9-347.000.
- McKee, Herbert H. Car luggage carrier. 280,092, 8-13-85, Cl. D12-157.000.
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  - Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., 280,009, Cl. D23-25.000.
  - Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., 280,010, Cl. D23-32.000.
- McKibben, Jerry, to Coats & Clark, Inc. Piano wire damper. 278,718, 5-7-85, Cl. D17-9.000.
- McKinney, James C., to Haegele, John H. Combined massager and back scratcher. 282,007, 12-31-85, Cl. D24-36.000.
- McKinney, Thomas H., III. Capo for a stringed musical instrument. 281,508, 11-26-85, Cl. D17-20.000.
- McLain, Clifford E. Muzzle brake. 281,895, 12-24-85, Cl. D22-7.000.
- McLaren, Charles L.; and Hirsekorn, Franklin D. Sleeping enclosure. 279,944, 8-6-85, Cl. D6-382.000.
- McLaughlin, John T. Medicine dispenser. 278,207, 4-2-85, Cl. D9-339.000.
- McLaughlin, John T., to Macma Incorporated. Compartmental medicine dispenser. 280,132, 8-13-85, Cl. D24-31.000.
- McLaughlin, John T. Tray for medicine dispenser. 280,933, 10-8-85, Cl. D24-31.000.
- McLaughlin, Thomas F., to Technical Support Services, Inc. Port box for connecting wires of computer input and output cables. 277,846, 3-5-85, Cl. D13-24.000.
- McLaughlin, William J., to RGB Display Corporation. Computer video display monitor or the like. 278,809, 5-14-85, Cl. D14-113.000.
- McLeroy, Gerald D. Chair. 279,430, 7-2-85, Cl. D6-358.000.
- McMahon, J. Patrick: *See—*
  - McMahon, John P.; and McMahon, J. Patrick, 280,476, Cl. D6-470.000.
- McMahon, John P.; and McMahon, J. Patrick, to Barker Company, Ltd. Refrigerated display case. 280,476, 9-10-85, Cl. D6-470.000.
- McManaway, C. Chalmer. Inflated hand exerciser. 280,434, 9-3-85, Cl. D21-198.000.
- McMaster, Thomas W., to Transworld Products, Inc. Shoulder rest for telephone handset. 278,057, 3-19-85, Cl. D14-65.000.
- McMorris & Associates, Inc.: *See—*
  - Hanover, Kenneth P., 279,847, Cl. D6-510.000.
- McNab, Robert B.; and Wolfe, James A. Auxiliary helicopter step. 276,996, 1-1-85, Cl. D12-345.000.
- McNabb, Ira G.; Wolfe, Denis G.; and Fischette, Robert G., to Colortran, Inc. Fresnel spotlight. 279,928, 7-30-85, Cl. D26-63.000.
- McNaghten, Delmar E.; Kent, Dennis C.; and Brown, Robert A., to A. B. Chance Company. Shield and fuse contact assembly for electrical cutout. 278,331, 4-9-85, Cl. D13-35.000.
- McNamara, John J., Jr.: *See—*
  - Copsey, Joan C.; McNamara, John J., Jr.; and Parker, Jeremy L., 280,291, Cl. D9-349.000.
- McNaughton, Paul. Sunglasses. 279,989, 8-6-85, Cl. D16-104.000.
- McNutt, Robin E.: *See—*
  - Goetz, George E.; and McNutt, Robin E., 278,394, Cl. D6-310.000.
- McQuarrie, Ralph A., to Lucasfilm, Ltd. Toy vehicle. 277,493, 2-5-85, Cl. D21-130.000.
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- McRae, Kirk M. Golf putter grip. 280,119, 8-13-85, Cl. D21-222.000.
- McVey, Anthony J., to Lucasfilm, Ltd. Toy figure. 277,212, 1-15-85, Cl. D21-148.000.
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- Mead Corporation, The: *See—*
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- Meares, Hurshel. Orthopedic device for stabilizing the scroiliac. 277,316, 1-22-85, Cl. D24-64.000.
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- Meckling, Ralph E., to Merrico, Inc. Candle lamp. 281,909, 12-24-85, Cl. D26-11.000.
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- Meeker, Paul K.: *See—*
  - Rinaldi, Joseph A.; Meeker, Paul K.; and Kochte, Werner W., 279,513, Cl. D32-18.000.
- Meelen, Hans T., to U.S. Philips Corporation. Portable radio receiver. 277,959, 3-12-85, Cl. D14-70.000.
- Meelen, Hans T., to U.S. Philips Corporation. Lighting fixture. 282,012, 12-31-85, Cl. D26-63.000.
- Meese, Inc.: *See—*
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- Megargee, Theresa M. Headband. 277,996, 3-19-85, Cl. D2-250.000.
- Megill, Joseph F.; and Pagliaroni, James V. Spray washer for paint rollers. 278,170, 3-26-85, Cl. D32-35.000.
- Meier, Otto; and Huber, Felix, to Cerberus A.G. Terminal for detecting, signaling and evaluating various hazard criteria, such as fire or intrusion conditions. 278,332, 4-9-85, Cl. D13-35.000.
- Meier, Otto; and Huber, Felix, to Cerberus A.G. Control panel for a terminal. 280,502, 9-10-85, Cl. D13-35.000.
- Meier, Richard, to Knoll International, Inc. Chaise lounge. 279,239, 6-18-85, Cl. D6-361.000.
- Meier, Richard, to Knoll International, Inc. Telephone stand. 280,957, 10-15-85, Cl. D6-455.000.
- Meier, Robert H., to Camp International, Inc. Leg immobilizer with integral straps. 278,083, 3-19-85, Cl. D24-64.000.
- Meier, Willi, to Dorina Nahmaschinen GmbH, Firma. Sewing machine. 281,979, 12-31-85, Cl. D15-69.000.
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Meister, Jack B. Combined microphone, amplifier and headset. 280,096, 8-13-85, Cl. D14-12.000.
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Menath, James H. Golf club head cover. 279,999, 8-6-85, Cl. D21-221.000.
Mendel, Peter J.; Wilkey, Frank, Jr. deceased; and First National Bank Of Rochester, Executor, to International Business Machines Corporation. Display station for a data processing system. 279,986, 8-6-85, Cl. D14-113.000.
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Menei, Laurent. Stereo television receiver. 281,976, 12-31-85, Cl. D14-80.000.
Menei, Laurent J., to Thomson-CSF Telephone. Telephone. 279,895, 7-30-85, Cl. D14-53.000.
Menn, Walter A.; Sarkis, Alexander, Jr; Haskins, Steve W.; Barber, Eugene; and Sharp, James M., to International Telephone and Telegraph Corporation. Handset telephone. 278,053, 3-19-85, Cl. D14-53.000.
Menrad, Kurt, to Pfeiffer Kinststofftechnik GmbH & Co. KG. Atomizer. 281,054, 10-22-85, Cl. D9-300.000.
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Mercadante, Ottorino N., to Corning Glass Works. Plate or the like. 276,968, 1-1-85, Cl. D7-24.000.
Merians, Melvin, to Oxwall Tool Company, Inc. Foldable sawhorse. 279,606, 7-9-85, Cl. D25-67.000.
Merino, Michael B., deceased; and by Merino, Ronald A., executor. Decorative light display. 280,850, 10-1-85, Cl. D26-102.000.
Merino, Ronald A., executor: *See—*
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  Coyne, Patrick J., 279,699, Cl. D21-122.000.
Merl, Milton J.; and Assouline, Maurice, to Marlboro Marketing Incorporated. Pump dispenser for a beverage or the like. 277,537, 2-12-85, Cl. D7-301.000.
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Messer, Ron L., to Compagnie Generale des Etablissements Michelin. Tire tread and buttress. 277,469, 2-5-85, Cl. D12-151.000.
Messmer, Steven R.; and Pryor, Dean A. Game board. 281,514, 11-26-85, Cl. D21-31.000.
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Meyer, Donald A., to Meyer's Manufacturing Corp. Mineral supplement feeder. 282,017, 12-31-85, Cl. D30-13.000.
Meyer, Donald R., to Union Special Corporation. Sewing machine. 280,825, 10-1-85, Cl. D15-69.000.
Meyer, Robert P.; and Annett, Leland W., to Minnesota Mining and Manufacturing Company. Staple remover. 280,019, 8-6-85, Cl. D24-26.000.
Meyer, Stephen T.; and Meyer, C. Rodger, to Deflecto Corporation. Lint trap. 281,271, 11-5-85, Cl. D23-149.000.
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Miceli, Philip V. Folding knife. 280,179, 8-20-85, Cl. D8-99.000.
Michaeli, Martin, to Chaussures Mephisto S.A. Shoe upper. 278,185, 4-2-85, Cl. D2-314.000.
Michaeli, Martin, to Chaussures Mephisto S.A. Shoe upper. 278,186, 4-2-85, Cl. D2-314.000.
Michaeli, Martin, to Chaussures Mephisto S.A. Shoe sole. 278,383, 4-16-85, Cl. D2-320.000.
Michaeli, Martin, to Chaussures Mephisto S.A. Shoe upper. 278,758, 5-14-85, Cl. D2-314.000.
Michaeli, Martin, to Chaussures Mephisto S.A. Shoe upper. 278,850, 5-21-85, Cl. D2-314.000.
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Michell, Richard T.; and Sperling, Charles A., to Yours Truly, Inc. Spool holder. 281,544, 12-3-85, Cl. D3-26.000.
Michelson, Allen L. Waste receptacle. 280,856, 10-1-85, Cl. D34-5.000.
Michiels, Christian, to I.S.E.C. Ltd., Industrial Supplies and Engineering Co. Electromagnetic stimulator. 281,724, 12-10-85, Cl. D24-41.000.
Mickens, Clinton. Game spin wheel. 280,647, 9-17-85, Cl. D21-39.000.
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  Hill, Royce W., 278,330, Cl. D13-24.000.
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Midmark Corporation: *See—*
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Miener, Clyde J., to Kirkwood Dental Crafts, Inc. Dental die lock. 278,744, 5-7-85, Cl. D24-10.000.
Miggels, Stephen G.; and Thorwaldsen, Stanley E., to Allis-Chalmers Corporation. Tractor engine hood. 279,569, 7-9-85, Cl. D15-31.000.
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  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,646, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,647, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,648, Cl. D3-71.000.
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Mikado, Yoshio, to Honda Giken Kogyo Kabushiki Kaisha. Cultivator. 280,824, 10-1-85, Cl. D15-12.000.
Mikado, Yoshio, to Honda Giken Kogyo Kabushiki Kaisha. Powered agricultural apparatus. 281,611, 12-3-85, Cl. D15-12.000.
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Miller, Alvin E. Geodesic dome building. 280,665, 9-17-85, Cl. D25-13.000.
Miller, Benson L., to Ignitor Products International, Inc. Carrier for a gas torch and fuel tank. 280,257, 8-27-85, Cl. D2-400.000.
Miller, Benson L., to Ignitor Products International, Inc. Carrier for gas torch and fuel tank. 280,258, 8-27-85, Cl. D2-400.000.
Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., to Broadway Industries, Inc. Faucet. 280,008, 8-6-85, Cl. D23-25.000.
Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., to Broadway Industries, Inc. Faucet set. 280,009, 8-6-85, Cl. D23-25.000.
Miller, Charles D.; Daniels, Bernard O.; and McKeone, William C., to Broadway Industries, Inc. Spout. 280,010, 8-6-85, Cl. D23-32.000.
Miller, David B.; Olesen, Paul; and Stoica, Ion, to Swingline Inc. Powered stapler. 277,161, 1-15-85, Cl. D8-49.000.
Miller, David C.; Dawson, Robert E.; Pendleton, Thomas J.; and Krapowicz, Jacob A., to Wagner Spray Tech Corporation. Handle fed paint roller or similar article of manufacture. 280,468, 9-10-85, Cl. D4-122.000.
Miller, Douglas R., to Quaker Oats Company, The. Riding toy. 277,199, 1-15-85, Cl. D21-78.000.
Miller, Douglas R.; and Smith, George D., to CPG Products Corp. Toy for drawing designs. 277,684, 2-19-85, Cl. D21-59.000.
Miller, Dye O.; Antunes, August J.; and Antunes, Jerome, to A. J. Antunes & Company. Food steamer. 279,854, 7-30-85, Cl. D7-361.000.
Miller, Jack V., to Gravity Guidance, Inc. Exercise platform. 277,498, 2-5-85, Cl. D21-191.000.
Miller, Jack V., to Gravity Guidance, Inc. Full body weight traction device. 280,842, 10-1-85, Cl. D21-191.000.
Miller, James E., to Wausau Tile, Inc. Elephant figure playground climber. 281,803, 12-17-85, Cl. D21-245.000.
Miller, Kenneth C., to Leavines Electrical Tracing Company. Combined housing for electrical cable to power source connector and protective cable cover. 279,284, 6-18-85, Cl. D13-24.000.
Miller, Leslie D. Baton carrier for use with belt. 280,256, 8-27-85, Cl. D2-400.000.
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  Smith, David B.; Miller, Randolph F.; and Moore, John M., 280,923, Cl. D21-194.000.
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Miller, Ronnie R.; and Rogers, Michael W. Wheel alignment tool or similar article. 280,285, 8-27-85, Cl. D8-72.000.
Miller, Theodore H., to Emhart Industries, Inc. Exit operator. 281,573, 12-3-85, Cl. D8-302.000.
Miller, Thomas H.: *See—*
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Miller, Tony. Wall partition layout tool. 280,735, 9-24-85, Cl. D19-37.000.
Miller, Vernon R.; and Hatch, Edwin B., to Brunswick Corporation. Fishing reel. 280,541, 9-10-85, Cl. D22-25.000.
Miller, Vernon R.: *See—*
  Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,539, Cl. D22-25.000.
  Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., 280,540, Cl. D22-25.000.
Milles, Victor A., to Fratelli Saporiti Industria Arredamenti di Saporiti Sergio e Giorgio S.N.C. Seat. 278,579, 4-30-85, Cl. D6-334.000.
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  Denton, Arthur M.; and Mills, Fred M., 281,766, Cl. D10-106.000.
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Milton, John L. Bumper guard. 280,398, 9-3-85, Cl. D12-171.000.
Milton, John L., to Milton Manufacturing Inc. Bumper cap. 281,873, 12-24-85, Cl. D12-172.000.
Milton Manufacturing Inc.: *See—*
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  Milton, John L., 281,873, Cl. D12-172.000.
Mimoto, Osamu, to Tokyo Electric Co., Ltd. Typewriter. 279,686, 7-16-85, Cl. D18-1.000.
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  Loughridge, Jane W.; and Packard, Thomas J., 277,890, Cl. D24-20.000.
  Meyer, Robert P.; and Annett, Leland W., 280,019, Cl. D24-26.000.
  Sabin, Lowell E., 277,289, Cl. D16-32.000.
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Minsky, Richard. Ring cushion memento chest. 281,549, 12-3-85, Cl. D3-78.000.
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  Ohno, Akio; Ohto, Kikuo; Okada, Takao; Yabunaka, Satsuki; and Mishiro, Benito, 277,751, Cl. D14-5.000.
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Mitchell, David W., to Allergan Pharmaceuticals, Inc. Bottle cap. 279,357, 6-25-85, Cl. D9-450.000.
Mitchell, Diana L.; and Hewitt, Howard. Concrete reinforcing rod spacer. 279,164, 6-11-85, Cl. D8-354.000.
Mitchell, Diana L.; and Hewitt, Howard. Concrete reinforcing rod spacer. 279,352, 6-25-85, Cl. D8-354.000.
Mitchell, Evonne. Basket. 280,035, 8-6-85, Cl. D32-37.000.
Mitchell, John W., Sr. Press for holding a pair of relined dentures for curing. 278,273, 4-2-85, Cl. D24-4.000.
Mitchell, John W., Sr. Dental articulator. 279,816, 7-23-85, Cl. D24-10.000.
Mitchell, Maureen R. Novelty wrap. 279,727, 7-23-85, Cl. D2-343.000.
Mitchell, Michael, to GTE Business Communication Systems Inc. Modular telephone base unit. 279,776, 7-23-85, Cl. D14-60.000.
Mitchell, Michael, to GTE Business Communication Systems Inc. Modular loudspeaking telephone unit. 280,403, 9-3-85, Cl. D14-53.000.
Mitchell, Michael, to GTE Business Communication Systems Inc. Modular telephone base unit. 280,405, 9-3-85, Cl. D14-62.000.
Mitchell, Michael, to GTE Business Communication Systems Inc. Modular telephone dialer unit. 280,506, 9-10-85, Cl. D14-62.000.
Mitchell, Neville A., to ATL Pty. Limited. Self-service betting machine. 281,175, 10-29-85, Cl. D20-2.000.

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- Mitsui, Tadashi, to T.D.K. Corp. Ferrite core. 280,810, 10-1-85, Cl. D13-4.000.
- Mittleberg, Eric M., to American Cyanamid Company. Tablet. 280,556, 9-10-85, Cl. D28-3.000.
- Mittleman, Myron B. Adjustable hole cutter for use with interchangeable arbors. 279,477, 7-2-85, Cl. D15-139.000.
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- Miura, Norio; and Mihara, Noboru, to Iwatsu Electric Co., Ltd. Telephone unit. 280,720, 9-24-85, Cl. D14-58.000.
- Miura, Norio; Mihara, Noboru; and Kamoshida, Atsuko, to Iwatsu Electric Co., Ltd. Telephone unit. 281,422, 11-19-85, Cl. D14-58.000.
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- Miyake, Takao; Kawaishi, Masayoshi; and Tsujimoto, Kazuo, to Sharp Kabushiki Kaisha. Microwave oven. 277,355, 1-29-85, Cl. D7-351.000.
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- Miyamoto, Ishin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, to Kyushu Matsushita Electric Co., Ltd. Typewriter. 278,444, 4-16-85, Cl. D18-1.000.
- Miyamoto, Isshin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, to Matsushita Electric Industrial Co., Ltd. Vacuum cleaner. 280,033, 8-6-85, Cl. D32-22.000.
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- Miyashita, Shin, to Sony Corporation. Video tape recorder. 277,850, 3-5-85, Cl. D14-2.000.
- Miyazaki, Kunio; and Ito, Shiro, to Tomy Kogyo Company, Incorporated. Combined toy vehicle and rider figure. 280,114, 8-13-85, Cl. D21-134.000.
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- Mizushima, Sadao, to Honda Giken Kogyo Kabushiki Kaisha. Engine generator. 277,954, 3-12-85, Cl. D13-1.000.
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  - Provan, Alexander R., 280,871, Cl. D6-462.000.
- Moe, Kjell. Pillbox. 281,145, 10-29-85, Cl. D9-341.000.
- Moeller, Jorgen J., to Danfoss A/S. Casing for electrical apparatus or the like. 281,969, 12-31-85, Cl. D13-40.000.
- Moggridge, William G.; Paulsen, David C.; Edens, Glenn T.; and Hobson, Stephen R., to Grid Systems Corporation. Portable computer. 280,511, 9-10-85, Cl. D14-106.000.
- Moggridge, William G.; Paulsen, David C.; Edens, Glenn T.; and Hobson, Stephen R., to Grid Systems Corporation. Portable computer. 280,622, 9-17-85, Cl. D14-100.000.
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- Mohly Shop Co., Ltd.: *See—*
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- Molnar, Joseph F.; and Wallet, Bill J., to Firestone Tire & Rubber Company, The. Tire. 277,951, 3-12-85, Cl. D12-147.000.
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  - Sjostedt, Ingemar; and Lunden, Bertil, 278,006, Cl. D6-523.000.
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- Monferrato, Angela M. Reflective safety vest. 280,860, 10-8-85, Cl. D2-27.000.
- Monier Limited: *See—*
  - O'Donnell, Daniel, 281,536, Cl. D25-80.000.
- Monobe, Juzaburo: *See—*
  - Sakamoto, Masakazu; Numata, Teruhisa; and Monobe, Juzaburo, 280,797, Cl. D8-68.000.
- Montes, Thomas G.: *See—*
  - Walker, John R.; and Montes, Thomas G., 278,096, Cl. D3-38.000.
- Montgomery, Robert E.; and Mizell, James A., to Surf-Jet Corporation. Power operated surfboard. 276,994, 1-1-85, Cl. D12-307.000.
- Monturas y Fornituras, S.A.: *See—*
  - Martinez, Carlos M., 277,549, Cl. D9-300.000.
- Moon, Kenneth R. Visual display unit desk. 277,531, 2-12-85, Cl. D6-420.000.
- Moon, Richard D. Earring or the like. 279,874, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,875, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,876, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,877, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,878, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,879, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,880, 7-30-85, Cl. D11-43.000.
- Moon, Richard D. Earring or the like. 279,881, 7-30-85, Cl. D11-45.000.
- Moon, Richard D. Earring or the like. 279,882, 7-30-85, Cl. D11-45.000.
- Moon, Richard D. Earring or the like. 279,883, 7-30-85, Cl. D11-45.000.
- Moon, Richard D. Earring or the like. 279,884, 7-30-85, Cl. D11-45.000.
- Moon, Richard D. Earring or the like. 279,885, 7-30-85, Cl. D11-45.000.
- Mooney, Helen. Perpetual calendar. 277,391, 1-29-85, Cl. D19-25.000.
- Moore, Ann A., to Snugli, Inc. Infant carrier. 277,811, 3-5-85, Cl. D3-31.000.
- Moore, John M.: *See—*
  - Smith, David B.; and Moore, John M., 277,304, Cl. D21-195.000.
  - Smith, David B.; Miller, Randolph F.; and Moore, John M., 280,923, Cl. D21-194.000.
- Moore, Juanita A. Jewelry display stand or the like. 276,962, 1-1-85, Cl. D6-450.000.
- Moore, Marvin F., to Thermalloy Incorporated. Heat sink or similar article. 280,811, 10-1-85, Cl. D13-23.000.
- Moore, Ronald K., to Lewis Woolf Griptight Limited. Packaging container. 278,514, 4-23-85, Cl. D9-341.000.
- Moorkens, Pierre A. R. J. M. G. Combined bed and desk-table. 281,474, 11-26-85, Cl. D6-384.000.
- Moran, John C.; and Weisenbarger, Gale M. Magnetic fluid conditioner. 277,775, 2-26-85, Cl. D23-3.000.
- Moran, John C.: *See—*
  - Weisenbarger, Gale M.; and Moran, John C., 279,027, Cl. D23-3.000.
- Moran, Thomas F. Barricade. 278,416, 4-16-85, Cl. D10-109.000.
- Morawski, Janusz. Floor mat for a vehicle. 278,525, 4-23-85, Cl. D12-203.000.
- Morby, John A.: *See—*
  - M'Sadoques, Andre J.; and Morby, John A., 280,485, Cl. D8-353.000.
- Morcheles, Bernard, to Stacor Corporation. Portable light box. 278,918, 5-21-85, Cl. D19-52.000.
- Moreiras, Luis; and Burrington, George C., to Parker-Hannifin Corporation. Hose assembly crimping machine. 280,201, 8-20-85, Cl. D15-123.000.
- Morgan, Annis R., Jr.: *See—*
  - Bachmann, G. Merle; Davis, Charles L.; and Morgan, Annis R., Jr., 277,194, Cl. D20-5.000.
  - Bachmann, G. Merle; Davis, Charles L.; Morgan, Annis R., Jr.; Shelton, Walter L.; and Hughes, Robert D., IV, 278,724, Cl. D20-4.000.
- Morgan, John H.; and Grip, John A., to American Cyanamid Company. Container cap. 278,603, 4-30-85, Cl. D9-453.000.
- Morgan, John H., to American Cyanamid Company. Hanging panel for a dispensing package. 280,387, 9-3-85, Cl. D9-415.000.
- Morgan, John H.; and Grip, John A., to American Cyanamid Company. Combined dispensing container and cap. 281,228, 11-5-85, Cl. D9-404.000.
- Morgan, Stuart K.: *See—*
  - Benigni, Paul E.; Costello, John C.; Gregory, Jack G.; and Morgan, Stuart K., 280,898, Cl. D14-107.000.

Mori, Chuzo, to Carl Manufacturing Co., Ltd. Tool for settling paper to be punched with numerous perforations 279,798, 7-23-85, Cl. D19-72.000.
Mori, Kashichi, to Kowa Shoji Kabushiki Kaisha. Pineapple cutter. 278,507, 4-23-85, Cl. D7-381.000.
Mori, Mamoru: *See—*
  Takahashi, Eiji; Mori, Mamoru; and Itoh, Takao, 281,685, Cl. D14-14.000.
Mori, Masahiko, to Epson Corporation. Ink roller set. 280,527, 9-10-85, Cl. D18-22.000.
Mori, Masaniko, to Epson Corporation. Ink roller set. 280,645, 9-17-85, Cl. D18-22.000.
Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,183, 1-15-85, Cl. D14-100.000.
Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,184, 1-15-85, Cl. D14-100.000.
Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,185, 1-15-85, Cl. D14-100.000.
Moriconi, David P., to Victor Technologies, Inc. Computer console. 277,186, 1-15-85, Cl. D14-100.000.
Moriconi, David P., to Victor Technologies, Inc. CRT Display housing. 278,910, 5-21-85, Cl. D14-113.000.
Moriconi, David P.: *See—*
  Cridland, Michael; and Moriconi, David P., 277,003, Cl. D14-100.000.
  Cridland, Michael; and Moriconi, David P., 277,004, Cl. D14-100.000.
  Cridland, Michael; and Moriconi, David P., 277,005, Cl. D14-100.000.
  Cridland, Michael; and Moriconi, David P., 277,671, Cl. D14-100.000.
  Cridland, Michael; and Moriconi, David P., 277,672, Cl. D14-100.000.
  Cridland, Michael; and Moriconi, David P., 280,989, Cl. D14-113.000.
Morikawa, Iwao, to Kabushiki Kaisha KEM-O-PRO. Can. 278,976, 5-28-85, Cl. D9-376.000.
Morin, Andre R., to Namaar Enterprises Inc. Combined drawer and chopping board therefor. 281,850, 12-24-85, Cl. D7-46.000.
Morin, Nicole. Hanger. 279,627, 7-16-85, Cl. D6-319.000.
Morishita, Masayuki, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,404, 4-16-85, Cl. D18-1.000.
Morishita, Masayuki, to Brother Kogyo Kabushiki Kaisha. Typewriter. 278,443, 4-16-85, Cl. D18-1.000.
Morishita, Masayuki: *See—*
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,248, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,351, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,635, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,636, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,637, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,719, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,720, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,721, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,827, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,828, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,829, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 278,830, Cl. D18-1.000.
  Funato, Toshiaki; Morishita, Masayuki; and Itoh, Masafumi, 279,296, Cl. D18-1.000.
Morita, Masakatsu, to Matsushita Electric Industrial Co., Ltd. Record player. 277,178, 1-15-85, Cl. D14-17.000.
Moritani, Hiroshi: *See—*
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  Fujii, Hiroshi; Moritani, Hiroshi; Sugiyama, Masakazu; and Iwahashi, Wataru, 281,139, Cl. D7-351.000.
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  Kojima, Hiroshi; Kawabata, Misao; Yamaoka, Masataka; and Moriya, Masashiro, 278,618, Cl. D12-147.000.
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Morris, Charles. Clarinet thumb rest. 278,540, 4-23-85, Cl. D17-13.000.
Morris, Clive J., to Texalon International Limited. Cart for supporting a line marker. 278,173, 3-26-85, Cl. D34-17.000.
Morris, Earl L.; Hafner, V. Walter; and Sally, Theodore J. Tamper-proof lavatory and toilet unit. 281,714, 12-10-85, Cl. D23-49.000.
Morris, Edward: *See—*
  Grip, John A.; and Morris, Edward, 279,654, Cl. D9-404.000.
Morris, Glenn H., to Brockway Plastics, Inc. Combined reversible child resistant closure and screw cap for containers. 279,267, 6-18-85, Cl. D9-454.000.
Morrison, Jesse L., to Nordson Corporation. Control cabinet. 278,139, 3-26-85, Cl. D13-12.000.
Morrison-Knudsen Company, Inc.: *See—*
  Cake, Marcus P.; Falter, Harry W.; Batchelor, Clement W.; and Guarini, Michael A., 280,926, Cl. D23-127.000.
Morrison, Thurber H.; Becker, Robert W.; and Huff, Robert S., to National Presto Industries, Inc. Hot air popcorn popper. 279,070, 6-4-85, Cl. D7-325.000.
Morse, Milton, to APM Corporation. Telephone cover device. 279,898, 7-30-85, Cl. D14-66.000.
Morton, Marvin H., Jr. Extendible table. 278,290, 4-9-85, Cl. D6-430.000.
Morton, Walter D. Garden marker-lawn stanchion. 278,965, 5-28-85, Cl. D8-01.000.
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  Liebrick, William C.; and Morvillo, Charles A., 277,085, Cl. D11-92.000.
Mosely, Neal J.: *See—*
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Moses, Paul J.; and Moses, Paula B., to Dow Chemical Company, The. Pendant containing temperature sensitive matter. 280,713, 9-24-85, Cl. D11-79.000.
Moses, Paul J.; Kosinski, James E.; and Hutter, Wayne R., to Dow Chemical Company, The. Thermoplastic panel for storing a thermal energy storage material. 281,009, 10-15-85, Cl. D23-72.000.
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  Kosinski, James E.; Hutter, Wayne R.; and Moses, Paul J., 281,099, Cl. D23-72.000.
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  Moses, Paul J.; and Moses, Paula B., 280,189, Cl. D11-79.000.
  Moses, Paul J.; and Moses, Paula B., 280,713, Cl. D11-79.000.
Moss, Howard E., to Howard Enterprises, Inc. Container for multiple plant growth. 278,614, 4-30-85, Cl. D11-152.000.
Moss, James F., to Liberty Glass Company. Bottle carrier. 279,356, 6-25-85, Cl. D9-434.000.
Moss, Jay: *See—*
  Burket, Kenneth A.; Koenig, Gerhard F.; and Moss, Jay, 280,241, Cl. D26-132.000.
  Burket, Kenneth A.; Koenig, Gerhard F.; and Moss, Jay, 280,242, Cl. D26-134.000.
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Motomura, Kenichi; and Mamada, Mamoru, to Bridgestone Tire Company Limited. Vehicle tire. 281,485, 11-26-85, Cl. D12-142.000.
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  Claxton, Bruce A.; and Althans, Richard K., 280,507, Cl. D14-68.000.
  Claxton, Bruce A.; and Althans, Richard K., 281,600, Cl. D14-68.000.
  Eckmann, John A.; Krumin, Donald K.; Toth, Richard J.; and Scheid, William J., 277,753, Cl. D14-70.000.
  Larson, Kenneth W., 278,058, Cl. D14-68.000.
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Moustakas, Matthew A., to Touch-On Incorporated. Lamp. 280,347, 8-27-85, Cl. D26-93.000.
Mower, Barry D.; and Allen, Brent R. Play center. 277,222, 1-15-85, Cl. D21-244.000.

- Mower, Henry W.; Seymour, Allen; Koziatek, Jerome P.; and Lendvay, Joseph G., to Questor Corp. Crib end. 277,157, 1-15-85, Cl. D6-506.000.
- M'Sadoques, Andre J.; and Morby, John A., to General Electric Company. Switchplate for circuit breaker compartments. 280,485, 9-10-85, Cl. D8-353.000.
- Muchenberger, Ernst. Humidifier. 280,660, 9-17-85, Cl. D23-150.000.
- Muchenberger, Ernst, to Condair AG. Humidifier. 282,001, 12-31-85, Cl. D23-146.000.
- Mueller, Guenter W.: *See*—
  - Overcash, Donald A.; Hall, Lloyd E.; and Mueller, Guenter W., 281,323, Cl. D15-5.000.
- Muellner, James M.; and Pastien, Eugene R., to Smarte Carte, Inc. Shopping cart. 280,858, 10-1-85, Cl. D34-18.000.
- Mugglin, Douglas D. Pitcher. 280,061, 8-13-85, Cl. D7-316.000.
- Mulally, Gucki. Plush toy animal figure. 278,839, 5-14-85, Cl. D21-159.000.
- Mulhauser, George C., to Design Institute America, Inc. Chair. 279,839, 7-30-85, Cl. D6-365.000.
- Mullen, James J.: *See*—
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- Muller, Ronald L.; and Rakocy, William J., to North American Philips Corporation. Digital scale. 280,805, 10-1-85, Cl. D10-92.000.
- Muller, Ronald L.; and Rakocy, William J., to North American Philips Corporation. Wall-mounted hair dryer. 280,851, 10-1-85, Cl. D28-12.000.
- Muller, Ronald L.; and Rakocy, William J., to North American Philips Corporation. Digital scale. 281,236, 11-5-85, Cl. D10-92.000.
- Multer, Gary. Pad of paper. 278,640, 4-30-85, Cl. D19-28.000.
- Multi-Tech Industries Corp.: *See*—
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- Mulvaney, Dennis W. Magnetic tester. 277,650, 2-19-85, Cl. D10-78.000.
- Mundt, Henry M. Golf putter. 277,594, 2-12-85, Cl. D21-218.000.
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- Murai, Toschio, to American Commercial Incorporated. Cup. 281,848, 12-24-85, Cl. D7-9.000.
- Murakami, Katsushi, to Kabushiki Kaisha Bandai. Toy robot convertible into steam locomotive. 279,305, 6-18-85, Cl. D21-150.000.
- Murakami, Katsushi, to Kabushiki Kaisha Popy. Toy robot convertible into a combat car. 279,306, 6-18-85, Cl. D21-150.000.
- Murakami, Katsushi, to Kabushiki Kaisha Popy. Toy robot convertible into an automobile. 279,307, 6-18-85, Cl. D21-150.000.
- Murakami, Katsushi, to Bandai Co., Ltd. Toy robot convertible into autobike. 281,088, 10-22-85, Cl. D21-150.000.
- Murakami, Katsushi, to Bandai Co., Ltd. Toy robot convertible into a helicopter. 281,089, 10-22-85, Cl. D21-150.000.
- Murakami, Katsushi, to Bandai Co., Ltd. Toy robot convertible into an airplane. 281,090, 10-22-85, Cl. D21-150.000.
- Murakami, Shinzo; Kido, Katsutoshi; and Mishiro, Benito, to Matsushita Electric Industrial Co., Ltd. Combined radio receiver and tape recorder. 277,563, 2-12-85, Cl. D14-5.000.
- Murakami, Shinzo; and Kido, Katsutoshi, to Matsushita Electric Industrial Co., Ltd. Combined tape recorder and radio receiver. 277,565, 2-12-85, Cl. D14-5.000.
- Murakami, Tsuyoshi, to Suzuki Jidosha Kogyo Kabushiki Kaisha. Motor-four-wheeler cycle. 277,088, 1-8-85, Cl. D12-107.000.
- Murakami, Tsuyoshi, to Suzuki Jidosha Kogyo Kabushiki Kaisha. Motortricycle. 278,422, 4-16-85, Cl. D12-110.000.
- Murakoshi, Hisashi, to Suzuki Jidosha Kogyo Kabushiki Kaisha. Motortricycle. 277,743, 2-26-85, Cl. D12-110.000.
- Murglin, Joseph G.: *See*—
  - Genaro, Donald M.; Tilley, Alvin R.; McQueen, Edwin D.; Murglin, Joseph G.; Oneby, James E.; and Ramig, Robert J., Jr., 279,902, Cl. D14-111.000.
- Murphy, Charles F. Clock. 279,457, 7-2-85, Cl. D10-22.000.
- Murphy, Charles F. Clock. 279,458, 7-2-85, Cl. D10-25.000.
- Murphy, Edwin R., Jr. Table. 280,789, 10-1-85, Cl. D6-455.000.
- Murphy, James G.: *See*—
  - Chamberlin, Alva S., 279,594, Cl. D21-202.000.
- Murphy, Kent W., to Rubbermaid Incorporated. Watering can. 279,310, 6-18-85, Cl. D23-11.000.
- Murphy, Patrick J., to Quaker Oats Company, The. Phonograph. 278,810, 5-14-85, Cl. D14-17.000.
- Murphy, Patrick J., to Quaker Oats Company, The. Speaker. 278,901, 5-21-85, Cl. D14-33.000.
- Murphy, William A. Golf swing training mat. 277,886, 3-5-85, Cl. D21-234.000.
- Murray, Douglas. Support bracket for a golf buggy seat. 277,629, 2-19-85, Cl. D6-500.000.
- Murray Ohio Manufacturing Co., The: *See*—
  - Breen, John D., 278,324, Cl. D12-111.000.
- Murray, Richard A., to Enter Computer, Inc. Plotter. 278,240, 4-2-85, Cl. D14-107.000.
- Murry, Edsel E., to Samsonite Corporation. Chair. 277,144, 1-15-85, Cl. D6-366.000.
- Murry, Edsel E., to Samsonite Corporation. Chair. 277,443, 2-5-85, Cl. D6-366.000.
- Murry, Edsel E., to Samsonite Corporation. Combined seat and backrest unit. 279,152, 6-11-85, Cl. D6-501.000.
- Murry, Edsel E., to Samsonite Corporation. Combined seat and backrest unit. 279,246, 6-18-85, Cl. D6-501.000.
- Murry, Edsel E., to Samsonite Corporation. Combined seat and backrest unit. 279,247, 6-18-85, Cl. D6-501.000.
- Murry, Edsel E., to Samsonite Corporation. Table. 281,559, 12-3-85, Cl. D6-487.000.
- Murry, Edsel E., to Samsonite Corporation. Base for chaise lounge or the like. 281,560, 12-3-85, Cl. D6-501.000.
- Murry, Edsel E., to Samsonite Corporation. Base for a chair or the like. 281,562, 12-3-85, Cl. D6-501.000.
- Murry, Edsel E., to Samsonite Corporation. Chaise lounge. 281,744, 12-17-85, Cl. D6-361.000.
- Murry, Edsel E., to Samsonite Corporation. Base for a table or the like. 281,749, 12-17-85, Cl. D6-499.000.
- Muscatiello, Ralph A.: *See*—
  - Aldrich, Thomas B., III; and Muscatiello, Ralph A., 279,650, Cl. D9-377.000.
  - Aldrich, Thomas B., III; and Muscatiello, Ralph A., 280,289, Cl. D9-338.000.
- Musgrave, Phillip W. Storage module for microcomputer equipment. 279,629, 7-16-85, Cl. D6-422.000.
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  - Williamson, Jerry R.; and Muters, Keith A., 277,229, Cl. D23-153.000.
  - Williamson, Jerry R.; and Muters, Keith A., 277,230, Cl. D23-153.000.
  - Williamson, Jerry R.; and Muters, Keith A., 277,312, Cl. D23-153.000.
  - Williamson, Jerry R.; and Muters, Keith A., 277,502, Cl. D23-153.000.
- MV Corp.: *See*—
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  - Peyser, Irwin, 277,049, Cl. D2-184.000.
- Myden Industries, Inc.: *See*—
  - Denhoff, Myron L., 279,529, Cl. D6-474.000.
- Myers, Carl J., to Warner & Swasey Company, The. Turning machine. 277,385, 1-29-85, Cl. D15-130.000.
- Myers, Carl J.; and Teufel, Rainer B., to Warner & Swasey Company, The. Turning machine. 281,167, 10-29-85, Cl. D15-130.000.
- Myers, Dean, to Gerico Fiberglass Products, Inc. Hydrotherapy spa. 278,183, 3-26-85, Cl. D24-38.000.
- Myers, John V.: *See*—
  - Collison, Robert M.; and Myers, John V., 278,616, Cl. D12-115.000.
- Myers, Sophia J.: *See*—
  - Myers, William E.; and Myers, Sophia J., 281,917, Cl. D30-3.000.
- Myers, William E.; and Myers, Sophia J. Birdhouse. 281,917, 12-24-85, Cl. D30-3.000.
- Myrbo, Cheryl L. Drinking vessel. 278,016, 3-19-85, Cl. D7-9.000.
- Nadeau, Richard P., to Zorcom Enterprise, Inc. Toy playhouse. 281,340, 11-12-85, Cl. D21-114.000.
- Nadel, Murray. Cosmetic compact. 277,037, 1-1-85, Cl. D28-83.000.
- Nadherny, Rudolph E., to Ireco, Inc. Lading tie anchor. 281,860, 12-24-85, Cl. D8-382.000.
- NAF Aktiebolag: *See*—
  - Dalgren, Tomas; and Bungerfeldt, Stefan, 277,941, Cl. D10-83.000.
- Nagai, Yawara: *See*—
  - Aihara, Takayuki; Kawakami, Kazuo; and Nagai, Yawara, 278,182, Cl. D24-29.000.
- Nagamatsu, Yasuo: *See*—
  - Miyamoto, Ishin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, 278,247, Cl. D18-1.000.
  - Miyamoto, Ishin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, 278,444, Cl. D18-1.000.
  - Miyamoto, Isshin; Nagamatsu, Yasuo; Moriyama, Toshiya; and Sakamoto, Masaharu, 280,033, Cl. D32-22.000.
- Nagano, Yoshinori, to Nippon Rubber Co., Ltd. Shoe sole. 281,543, 12-3-85, Cl. D2-320.000.
- Nagao, Yoshihiko: *See*—
  - Tomozawa, Hisashi; Nagao, Yoshihiko; and Saito, Shigeru, 280,217, Cl. D19-60.000.
- Nagasawa, Minoru, to Nippon Chemi-Con Corporation. Portable combined micro-cassette tape recorder, radio and calculator. 279,001, 5-28-85, Cl. D14-5.000.
- Nagashima, Masasumi: *See*—
  - Nibley, Richard; and Nagashima, Masasumi, 281,331, Cl. D18-12.000.
  - Nibley, Richard; and Nagashima, Masasumi, 281,332, Cl. D18-12.000.
- Nagata, Kazuo: *See*—
  - Nakao, Shinroku; Ishii, Yoshiyasu; Nagata, Kazuo; and Ishige, Yukio, 281,354, Cl. D24-41.000.
- Nagayasu, Hideaki, to Sumitomo Rubber Industries, Ltd. Vehicle tire. 277,092, 1-8-85, Cl. D12-146.000.
- Nagayasu, Hideaki, to Sumitomo Rubber Industries, Ltd. Vehicle tire. 277,468, 2-5-85, Cl. D12-147.000.
- Nagayasu, Hideaki, to Sumitomo Rubber Industries, Ltd. Vehicle tire. 277,950, 3-12-85, Cl. D12-147.000.
- Nagel, Dietmar, to Nagel/Kennedy/Arad & Associates. Tricycle. 278,325, 4-9-85, Cl. D12-112.000.

Nagel, Dietmar: *See—*
  Kennedy, Melvin; Nagel, Dietmar; and Arad, Avi, 280,428, Cl. D21-59.000.
Nagel/Kennedy/Arad & Associates: *See—*
  Nagel, Dietmar, 278,325, Cl. D12-112.000.
Nagel/Kennedy & Associates: *See—*
  Kennedy, Melvin; Nagel, Dietmar; and Arad, Avi, 280,428, Cl. D21-59.000.
Nagele, Albert L., to Motorola, Inc. Vehicular two-way radio or similar article. 279,290, 6-18-85, Cl. D14-68.000.
Nagele, Albert L., to Motorola, Inc. Vehicular two-way radio or similar article. 279,899, 7-30-85, Cl. D14-68.000.
Nagele, Albert L., to Motorola, Inc. Microphone or similar article. 281,419, 11-19-85, Cl. D14-12.000.
Nagele, Albert L., to Motorola, Inc. Radio base mounting unit or similar article. 281,499, 11-26-85, Cl. D14-76.000.
Nagelkerke, Petrus J. J.; and Oord, Klaas T., to U.S. Philips Corporation. Two-prong electric plug. 278,705, 5-7-85, Cl. D13-28.000.
Nagelkerke, Petrus J. J.; Pepall, Lynford S.; and Oord, Klaas T., to U.S. Philips Corporation. Electric dry shaver with cover. 279,723, 7-16-85, Cl. D28-50.000.
Nagle, Robert R. Display rack for water skis. 277,064, 1-8-85, Cl. D6-467.000.
Nagode, Larry R., to Quaker Oats Company, The. Toy gas pump. 278,921, 5-21-85, Cl. D21-124.000.
Naito, Marina, to International Business Machines Corporation. Computer display or the like. 278,149, 3-26-85, Cl. D14-113.000.
Nakade, Kenichi, to Ricoh Company, Ltd. Electrostatic copying machine. 280,631, 9-17-85, Cl. D16-31.000.
Nakade, Kenichi, to Ricoh Company, Ltd. Electrostatic copying machine. 280,632, 9-17-85, Cl. D16-31.000.
Nakagawa Corporation: *See—*
  Otake, Masao, 277,368, Cl. D11-13.000.
  Otake, Masao, 277,369, Cl. D11-13.000.
  Otake, Masao, 281,588, Cl. D11-12.000.
  Otake, Masao, 281,589, Cl. D11-12.000.
  Otake, Masao, 281,958, Cl. D11-12.000.
Nakamura, Hitoshi, to Pioneer Electronic Corporation. Loudspeaker. 277,752, 2-26-85, Cl. D14-34.000.
Nakamura, Kazuharu, to Toyotomi Kogyo Co., Ltd. Oil-fired space heater. 277,501, 2-5-85, Cl. D23-123.000.
Nakamura, Kazuharu, to Toyotomi Kogyo Co., Ltd. Oil-fired space heater. 278,180, 3-26-85, Cl. D23-123.000.
Nakamura, Kazuharu, to Toyotomi Kogyo Co., Ltd. Safety guard for a heater. 279,498, 7-2-85, Cl. D23-137.000.
Nakamura, Kazuharu, to Toyotomi Kogyo Co., Ltd. Housing for a lawn mower. 281,692, 12-10-85, Cl. D15-14.000.
Nakamura, Manao, to Matsushita Electric Industrial Co., Ltd. Radio receiver. 278,906, 5-21-85, Cl. D14-71.000.
Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki, to Bridgestone Tire Company Limited. Vehicle tire. 278,224, 4-2-85, Cl. D12-151.000.
Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki, to Bridgestone Tire Company Limited. Vehicle tire. 279,178, 6-11-85, Cl. D12-151.000.
Nakamura, Noboru, to Mohly Shop Co., Ltd. Chair. 279,337, 6-25-85, Cl. D6-371.000.
Nakamura, Noboru, to Mohly Shop Co., Ltd. Chair. 279,733, 7-23-85, Cl. D6-373.000.
Nakamura, Tadashi; and Nakano, Yutaka, to Fujitsu Limited. Keyboard. 279,191, 6-11-85, Cl. D14-100.000.
Nakano, Hiroshi; and Ohshima, Yasuaki, to Honda Giken Kogyo Kabushiki Kaisha. Shock absorber for motorcycle. 277,952, 3-12-85, Cl. D12-159.000.
Nakano, Koji, to Honda Giken Kogyo Kabushiki Kaisha. Motorcycle. 281,870, 12-24-85, Cl. D12-110.000.
Nakano, Yutaka: *See—*
  Nakamura, Tadashi; and Nakano, Yutaka, 279,191, Cl. D14-100.000
Nakao, Shinroku; Ishii, Yoshiyasu; and Matsuda, Hiroaki, to Combi Co., Ltd. Baby stroller. 277,745, 2-26-85, Cl. D12-129.000.
Nakao, Shinroku; Ishii, Yoshiyasu; and Matsumoto, Susumu, to Combi Co., Ltd. Driving toy. 278,644, 4-30-85, Cl. D21-142.000.
Nakao, Shinroku; Ishii, Yoshiyasu; and Ishii, Kenshun, to Combi Co., Ltd. Medical corset. 278,657, 4-30-85, Cl. D24-64.000.
Nakao, Shinroku; Ishii, Yoshiyasu; and Ishii, Kenshun, to Combi Co., Ltd. Ergometer. 279,811, 7-23-85, Cl. D21-194.000.
Nakao, Shinroku; Ishii, Yoshiyasu; Nagata, Kazuo; and Ishige, Yukio, to Combi Co., Ltd. Electric massage instrument. 281,354, 11-12-85, Cl. D24-41.000.
Nakao, Shinroku; Ishii, Yoshiyasu; and Hanashima, Taira, to Combi Co., Ltd. Toy vehicle. 281,792, 12-17-85, Cl. D21-78.000.
Nakao, Shinroku; Ishii, Yoshiyasu; and Ishige, Yukio, to Combi Co., Ltd. Toy block. 281,984, 12-31-85, Cl. D21-108.000.
Nakashima, Suemitsu, to Nippon Tsushin Kogyo Kabushiki Kaisha. Electronic intercommunication unit. 279,471, 7-2-85, Cl. D14-58.000.
Nakata, Akihito: *See—*
  Ohnuma, Mitsuru; Tsuburaya, Kazuyuki; Tanitsu, Masato; Nakata, Akihito; and Yoshimura, Hidetomo. 279,984, Cl. D14-109.000.
Nakatani, Koma, to Velbon International Corporation. Pan head mounting assembly for tripod. 277,389, 1-29-85, Cl. D16-46.000.
Nakatani, Koma, to Velbon International Corporation. Tripod leg lock. 280,908, 10-8-85, Cl. D16-45.000.
Nakayo Telecommunications Inc.: *See—*
  Sakamoto, Motoaki; and Sato, Ichiro, 277,663, Cl. D14-58.000.
  Sakamoto, Motoaki; Sato, Ichiro; and Takatsuka, Sadao, 277,929, Cl. D14-58.000.
Nall, Lawson H.; and Hamasaki, Benny T., to Tri Tool, Inc. Tube cutter. 281,249, 11-5-85, Cl. D15-129.000.
Namaar Enterprises Inc.: *See—*
  Morin, Andre R., 281,850, Cl. D7-46.000.
Nanbu, Taiji; Takebata, Akira; and Inoue, Shigefumi, to Matsushita Electric Industrial Co., Ltd. Microwave oven. 277,542, 2-12-85, Cl. D7-351.000.
Naoi, Kiichi: *See—*
  Shimizu, Norio; Watanabe, Yuichi; and Naoi, Kiichi, 278,710, Cl. D14-100.000.
Nappe Babcock Co.: *See—*
  Rabinowitz, Harold, 277,904, Cl. D3-53.000.
  Rabinowitz, Harold, 281,120, Cl. D3-42.000.
Narda Microwave Corporation, The: *See—*
  Aslan, Edward E., 280,388, Cl. D10-78.000.
Nasby, Victor B. Cap stretcher. 277,521, 2-12-85, Cl. D2-262.000.
Nasgowitz, Donald D., to DCI Marketing. Combined oil can display and dispenser rack. 277,154, 1-15-85, Cl. D6-408.000.
Nassiri, Joe M., to Everest & Jennings, Inc. Wheelchair. 278,217, 4-2-85, Cl. D12-131.000.
Nasui, Sadao; and Tanaka, Toshio, to Toshiba Electric Appliances Co., Ltd. Facsimile. 280,508, 9-10-85, Cl. D14-94.000.
Natale, Peter: *See—*
  Carmagnola, Ernest D.; and Natale, Peter, 278,162, Cl. D21-80.000.
National Can Corporation: *See—*
  Turner, Timothy L.; and Pileggi, Frank R., 279,265, Cl. D9-438.000.
National Child Safety Council: *See—*
  Satterelli, Joanne, 278,609, Cl. D11-2.000.
National Packaging Corporation: *See—*
  Lynd, L. Grant; and Steinfurth, James, 278,120, Cl. D9-302.000.
National Presto Industries, Inc.: *See—*
  Morrison, Thurber H.; Becker, Robert W.; and Huff, Robert S., 279,070, Cl. D7-325.000.
National Union Electric Corporation: *See—*
  Parker, Kenneth R.; and Hohulin, Samuel E., 277,038, Cl. D32-31.000.
  Wiese, Martin; Shearer, Thomas E.; and Lehman, Dexter K., 277,517, Cl. D32-22.000.
NCR Corporation: *See—*
  Bossack, Thomas J.; Shipos, Louis E.; and Brown, Frederick M., 280,212, Cl. D18-22.000.
Neal, Harold W. Pavement sealing machine. 277,676, 2-19-85, Cl. D15-13.000.
Neal, W. Harold. Self-powered curbing machine. 278,822, 5-14-85, Cl. D15-22.000.
NEC Corporation: *See—*
  Matsumoto, Takeshi, 281,777, Cl. D14-68.000.
  Oyamada, Takashi, 281,975, Cl. D14-70.000.
  Suzuki, Masataka; and Masuda, Hitoshi, 281,974, Cl. D14-68.000.
Necchi S.p.A.: *See—*
  Giugiaro, Giorgetto, 278,438, Cl. D15-70.000.
Needlepointer: *See—*
  Mazeika, Albert, 281,374, Cl. D3-26.000.
Neely, Olin H. Musical wind chime. 279,873, 7-30-85, Cl. D10-116.000.
Neff, Paul J. Rack. 281,477, 11-26-85, Cl. D6-574.000.
Neggers, Frank J., to Warner-Lambert Company. Container closure. 277,458, 2-5-85, Cl. D9-443.000.
Negishi, Fumio, to Three Bond Co., Ltd. Container closure. 279,080, 6-4-85, Cl. D9-453.000.
Negrich, Martin A. Iron holder. 280,455, 9-3-85, Cl. D32-73.000.
Neha International: *See—*
  Holland, Larry D., 280,951, Cl. D3-35.000.
Neiman, Seth D., to Dahlgren Engraving Systems, Inc. Housing for a portable computer controlled engraving machine. 280,642, 9-17-85, Cl. D18-13.000.
Nejman, Daniel, to Chadiam Diamond Mfg., Inc. Precious, semiprecious or synthetic cut stone. 278,418, 4-16-85, Cl. D11-90.000.
Nelson, Deborah L., to Bean Station Furniture Factory, The. Sofa. 279,056, 6-4-85, Cl. D6-381.000.
Nelson, Denis H., to Warner-Lambert Company. Controller for a dual drug delivery system. 280,928, 10-8-85, Cl. D24-8.000.
Nelson, Eugene, to American Mobile Advertising Corp. Limousine advertising sign. 277,298, 1-22-85, Cl. D20-10.000.
Nelson, Eugene, to American Mobile Advertising Corp. Taxicab advertising sign. 277,299, 1-22-85, Cl. D20-10.000.
Nelson, Maynard E. Vehicle wheel stop mat. 280,611, 9-17-85, Cl. D12-217.000.
Nelson, Michael D., to John Fluke Mfg. Co., Inc. Digital multimeter for electrical measurement. 280,299, 8-27-85, Cl. D10-40.000.
Nelson, Michael D., to John Fluke Mfg. Co., Inc. Multimeter holster. 280,674, 9-24-85, Cl. D2-400.000.
Nelson, Paul G.: *See—*
  Lanphere, Ralph C.; Nelson, Paul G.; and Waite, Jerry A., 277,794, Cl. D34-34.000.
Nelson, Philip H.: *See—*
  Quigley, William D.; and Nelson, Philip H., 277,956, Cl. D14-33.000.
  Quigley, William D.; and Nelson, Philip H., 280,721, Cl. D14-96.000.
Nemetz, Winfried, to Maier & Co. Numerically controlled lathe. 277,758, 2-26-85, Cl. D15-130.000.
Nemetz, Winfried, to Maier & Co. Numerically controlled lathe. 278,064, 3-19-85, Cl. D15-130.000.

Nemoto, Mitsuo, to Kabushiki Kaisha Audio-Technica. Record disc player system or similar article. 279,775, 7-23-85, Cl. D14-14.000.

Nemoto, Nobuo, to Aderans Company Ltd. Wig anchor. 279,931, 7-30-85, Cl. D28-93.000.

Nestell, Bengt A., to GTE Communication Systems Corporation. Wireless telephone system base unit or the like. 278,434, 4-16-85, Cl. D14-60.000.

Nestrock, Frederick L., to Union Manufacturing Company. Vacuum bottle with closure cup. 277,821, 3-5-85, Cl. D7-77.000.

Neu, Edwin F.: *See—*
  Beechuk, Timothy J.; and Neu, Edwin F., 279,453, Cl. D9-376.000.
  Beechuk, Timothy J.; and Neu, Edwin F., 281,863, Cl. D9-389.000.

Neumeister, Alexander, to ESPE Fabrik Pharmazeutischer Praeparate GmbH. Irradiation device for dental substances. 282,004, 12-31-85, Cl. D24-10.000.

Neumunz, Helen V. Putting guide golf club attachment. 279,399, 6-25-85, Cl. D21-221.000.

Neuwirth, Helmuth; and Rubio, George S., to Porta Systems Corp. Telephone bridge lifter block. 279,897, 7-30-85, Cl. D14-59.000.

New Balance Athletic Shoe, Inc.: *See—*
  Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 278,759, Cl. D2-320.000.
  Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 278,760, Cl. D2-320.000.
  Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 279,044, Cl. D2-320.000.

New Hermes Incorporated: *See—*
  Nissman, Marvin J., 277,390, Cl. D18-22.000.

New Registon Co., Ltd.: *See—*
  Yanagiura, Yoshikazu, 277,486, Cl. D15-126.000.

Newby, James T. Hammock. 278,292, 4-9-85, Cl. D6-347.000.

Newcomb, Donald R., to Butternut Electronics Co. Antenna. 277,483, 2-5-85, Cl. D14-86.000.

Newman, David E. J., to D.I. Retail Planning & Design Ltd. Dentist service unit. 277,698, 2-19-85, Cl. D24-4.000.

Newman, David E. J., to D.I. Retail Planning & Design Ltd. Dentist service unit. 279,125, 6-4-85, Cl. D24-4.000.

Newman, Edward J., to Coats & Clark, Inc. Nut. 281,953, 12-31-85, Cl. D8-397.000.

Newman, Susan. Rubber stamp. 280,331, 8-27-85, Cl. D18-16.000.

Newmeyer, F. Craig; and Dunbar, Keith E., to Warren Tool Corporation. Wood-splitting axe. 277,545, 2-12-85, Cl. D8-76.000.

Newton, Michael. Injection hatchet for treating diseased or unwanted trees. 280,971, 10-15-85, Cl. D8-76.000.

Newton, Milton A., Jr. Foot support block for runner's starting block assembly. 279,998, 8-6-85, Cl. D21-199.000.

Newton, Peter C. Snow sail sled. 281,769, 12-17-85, Cl. D12-9.000.

Ng, Cheuk S., to Blue Box Toy Factory Ltd. Toy puzzle. 281,180, 10-29-85, Cl. D21-105.000.

Ng, Cheuk Sun, to Blue Box Toy Factory Limited. Toy typewriter. 279,805, 7-23-85, Cl. D21-127.000.

Nibley, Richard; and Miyagawa, Akira, to Canon Kabushiki Kaisha. Ink cartridge for printer. 280,913, 10-8-85, Cl. D18-22.000.

Nibley, Richard; and Kondo, Hiroatsu, to Canon Kabushiki Kaisha. Ink ribbon cartridge for electronic typewriter. 281,255, 11-5-85, Cl. D18-12.000.

Nibley, Richard; and Nagashima, Masasumi, to Canon Kabushiki Kaisha. Ink ribbon cassette for typewriter. 281,331, 11-12-85, Cl. D18-12.000.

Nibley, Richard; and Nagashima, Masasumi, to Canon Kabushiki Kaisha. Ink ribbon cassette for word processor. 281,332, 11-12-85, Cl. D18-12.000.

Nibley, Richard; and Miyagawa, Akira, to Canon Kabushiki Kaisha. Ink cartridge for printer. 281,333, 11-12-85, Cl. D18-22.000.

Nichols, Dwight E., to Hoover Universal, Inc. Beer keg. 277,041, 1-1-85, Cl. D34-39.000.

Nichols, Henry L. Cart for a bowling ball bag. 281,112, 10-22-85, Cl. D34-24.000.

Nichols, James D., to Jones Futura Foundation, Ltd. Antenna base. 277,578, 2-12-85, Cl. D14-91.000.

Nichols, Ken: *See—*
  Zacherle, Bonnie; Nichols, Ken; and Knight, Elizabeth, 280,754, Cl. D21-166.000.

Nichols, Kenneth: *See—*
  D'Ambra, Americo, Jr.; and Nichols, Kenneth, 278,257, Cl. D21-114.000.

Nichols, Kenneth A. Combined fluorescent and reflecting safety vest for humans. 277,808, 3-5-85, Cl. D2-27.000.

Nichols, Kenneth A. Fluorescent and reflecting safety vest for pets. 281,028, 10-15-85, Cl. D30-37.000.

Nicholson, James H., to Telic Systems, Inc. Folding table. 277,056, 1-8-85, Cl. D6-420.000.

Nicholson, Woodroe C. Kite retriever. 278,881, 5-21-85, Cl. D8-359.000.

Nickerson, Ted E.: *See—*
  Maxwell, John, 277,729, Cl. D8-14.000.

Nicolino, Harry R.: *See—*
  Nicolino, James R.; and Nicolino, Harry R., 281,956, Cl. D10-26.000.

Nicolino, James R.; and Nicolino, Harry R. Clock. 281,956, 12-31-85, Cl. D10-26.000.

Niehaus, Donald H.: *See—*
  Seggerson, Patrick J.; and Niehaus, Donald H., 279,585, Cl. D20-10.000.
  Seggerson, Patrick J.; and Niehaus, Donald H., 279,587, Cl. D20-42.000.

Nielsen, Fred. Combined bottle and tab can opener. 281,051, 10-22-85, Cl. D8-40.000.

Nielsen, Jacob, to Interlego A.G. Toy poodle figure. 278,645, 4-30-85, Cl. D21-161.000.

Nielsen, Jacob, to Interlego A.G. Toy figure. 278,735, 5-7-85, Cl. D21-166.000.

Nielsen, Jacob, to Interlego A.G. Toy hippopotamus figure. 279,494, 7-2-85, Cl. D21-157.000.

Nielsen, John C., to Visymonde Investments PTE Ltd. Carton. 280,491, 9-10-85, Cl. D9-432.000.

Nielsen, Troy G. Multi-purpose splint. 281,905, 12-24-85, Cl. D24-64.000.

Niemann, James E., to American Standard Inc. Bath spout or similar article. 278,270, 4-2-85, Cl. D23-32.000.

Niemann, James E., to American Standard Inc. Lavatory spout or similar article. 278,271, 4-2-85, Cl. D23-32.000.

Niemann, James E., to American Standard Inc. Faucet handle. 278,843, 5-14-85, Cl. D23-28.000.

Niemann, James E., to American Standard Inc. Bath spout or similar article. 279,123, 6-4-85, Cl. D23-32.000.

Niemann, James E.; and Stairs, Henry M., Jr., to American Standard Inc. Combined base and spout for a sanitary fitting or similar article. 279,923, 7-30-85, Cl. D23-32.000.

Niemann, James E., to American Standard Inc. Sanitary faucet. 280,231, 8-20-85, Cl. D23-25.000.

Nienstedt, Donald; and Tedeschi, Anthony, to International Playtex, Inc. Brassiere. 279,726, 7-23-85, Cl. D2-24.000.

Nightingale, Peter A., to Staodynamics, Inc. Transcutaneous nerve stimulating device. 279,709, 7-16-85, Cl. D24-41.000.

Nightingale, William T., III, to Pacer Technology & Resources, Inc. Container for adhesive. 277,364, 1-29-85, Cl. D9-424.000.

Nihill, Barbara A. Contoured fabric doll head. 280,839, 10-1-85, Cl. D21-190.000.

Nihon Kaiheiki Kogyo Kabushiki Kaisha: *See—*
  Ohashi, Shigeo, 280,718, Cl. D13-37.000.
  Ohashi, Shigeo, 280,814, Cl. D13-38.000.

Nihon Melber Kabushiki Kaisha: *See—*
  Giugiaro, Giorgetto, 277,660, Cl. D12-204.000.
  Giugiaro, Giorgetto, 278,526, Cl. D12-204.000.
  Giugiaro, Giorgetto, 278,527, Cl. D12-204.000.

Nike, Inc.: *See—*
  Parker, Mark G., 281,459, Cl. D2-320.000.
  Parker, Mark G., 281,460, Cl. D2-320.000.

Nilsson, Halvard: *See—*
  Grohmann, Hubert; and Nilsson, Halvard, 278,696, Cl. D12-147.000.

Nilsson, Sven, to SKF Nova AB. Worm gear. 277,487, 2-5-85, Cl. D15-149.000.

Nimlok Limited: *See—*
  Nimmo, Neil D.; Kenny, Michael; and Willis, David, 279,959, Cl. D8-396.000.

Nimmo, Neil D.; Kenny, Michael; and Willis, David, to Nimlok Limited. Clip. 279,959, 8-6-85, Cl. D8-396.000.

Ninomiya, Yasuaki. Toy airplane. 278,726, 5-7-85, Cl. D21-89.000.

Ninomiya, Yasuaki. Toy airplane. 278,727, 5-7-85, Cl. D21-89.000.

Ninomiya, Yasuaki. Toy airplane. 278,728, 5-7-85, Cl. D21-89.000.

Ninomiya, Yasuaki. Toy airplane. 278,729, 5-7-85, Cl. D21-89.000.

Ninomiya, Yasuaki. Toy airplane. 278,730, 5-7-85, Cl. D21-89.000.

Ninomiya, Yasuaki. Toy airplane. 278,837, 5-14-85, Cl. D21-89.000.

Nintendo Co., Ltd.: *See—*
  Yokoi, Gunpei, 280,746, Cl. D21-13.000.
  Yokoi, Gunpei, 280,834, Cl. D21-13.000.

Ninth Moon: *See—*
  Stern, Marilyn M., 279,136, Cl. D2-223.000.

Nippon Alumi Tsurumaru Corp. Co., The: *See—*
  Matsuhisa, Shoji, 277,254, Cl. D7-359.000.

Nippon Aluminium Mfg. Co. Ltd., The: *See—*
  Matsuhisa, Shoji, 277,254, Cl. D7-359.000.

Nippon Chemi-Con Corporation: *See—*
  Naganawa, Minoru, 279,001, Cl. D14-5.000.

Nippon Gakki Seizo Kabushiki Kaisha: *See—*
  Ohta, Kunio, 278,153, Cl. D17-9.000.

Nippon Kogaku K.K.: *See—*
  Akabane, Jun, 281,644, Cl. D3-33.000.
  Akabane, Jun, 281,750, Cl. D3-33.000.

Nippon Rubber Co., Ltd.: *See—*
  Fuzita, Shosiro, 281,642, Cl. D2-320.000.
  Iwakata, Toshio, 281,542, Cl. D2-320.000.
  Nagano, Yoshinori, 281,543, Cl. D2-320.000.
  Shiki, Junichiro, 281,641, Cl. D2-320.000.
  Ueda, Noboru, 278,093, Cl. D2-310.000.
  Ueda, Noboru, 279,620, Cl. D2-310.000.

Nippon Tsushin Kogyo Kabushiki Kaisha: *See—*
  Inaba, Hiroshi, 279,896, Cl. D14-63.000.
  Inaba, Hiroshi, 280,404, Cl. D14-58.000.
  Inaba, Hiroshi, 280,617, Cl. D14-58.000.
  Inaba, Hiroshi, 281,498, Cl. D14-59.000.
  Nakashima, Suemitsu, 279,471, Cl. D14-58.000.

Nishibori, Hiroshi; and Akiyama, Kunio, to Sharp Corporation. Personal computer. 280,819, 10-1-85, Cl. D14-100.000.

Nishibori, Hiroshi: *See—*
  Kosako, Mikio; Nishibori, Hiroshi; and Fukuda, Harumi, 279,903, Cl. D16-31.000.

Nishida, Yoshiaki, to Tokyo Shibaura Denki Kabushiki Kaisha. Cash dispensing machine. 279,578, 7-9-85, Cl. D18-3.000.

- **Nishida, Yoshiaki**, to Tokyo Shibaura Denki Kabushiki Kaisha. Cash dispensing machine. 279,579, 7-9-85, Cl. D18-4.000.
- **Nishida, Yoshiaki**, to Tokyo Shibaura Denki Kabushiki Kaisha. Cash classifying and totalizing machine. 279,791, 7-23-85, Cl. D18-3.000.
- **Nishida, Yoshiaki; and Kajita, Takashi**, to Tokyo Shibaura Denki Kabushiki Kaisha. Data printer for electronic computers. 280,723, 9-24-85, Cl. D14-111.000.
- **Nishida, Yoshiaki**, to Tokyo Shibaura Denki Kabushiki Kaisha. Bank note examining machine. 281,787, 12-17-85, Cl. D18-3.000.
- **Nishida, Yoshitsugu**, to Kabushiki Kaisha Kuretake-Seishodo. Ball-point pen. 279,115, 6-4-85, Cl. D19-51.000.
- **Nishigaki, Shinichi**, to Olympus Optical Co., Ltd. Tubular insert for an endoscope telescope heater. 279,604, 7-9-85, Cl. D24-29.000.
- **Nishimoto, Teruyuki**, to Matsushita Electric Industrial Co., Ltd. Combined tape recorder and radio receiver. 278,898, 5-21-85, Cl. D14-5.000.
- Nishimoto, Teruyuki: *See—*
  - **Mishiro, Benito; Ohhashi, Kazuya; and Nishimoto, Teruyuki**, 277,576, Cl. D14-73.000.
- **Nishina, Shingo; and Kobashi, Takashi**, to Mitutoyo Mfg. Co., Ltd. Caliper. 280,301, 8-27-85, Cl. D10-73.000.
- **Nishio, Hideaki; and Tateo, Yuji**, to Bridgestone Tire Company Limited. Vehicle tire. 278,994, 5-28-85, Cl. D12-137.000.
- **Nishio, Hideaki; Kojima, Hiroshi; and Kurima, Akira**, to Bridgestone Tire Company Limited. Vehicle tire. 279,465, 7-2-85, Cl. D12-147.000.
- Nishio, Hideaki: *See—*
  - **Kawajiri, Junichi; Hayakawa, Toshio; and Nishio, Hideaki**, 277,562, Cl. D12-149.000.
  - **Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki**, 278,224, Cl. D12-151.000.
  - **Nakamura, Masao; Kojima, Hiroshi; and Nishio, Hideaki**, 279,178, Cl. D12-151.000.
- **Nishiuchi, Mikio**. Combat stick. 277,596, 2-12-85, Cl. D21-1.000.
- **Nishiwaki, Katsuhiko; Takeuchi, Akitaka; Endo, Hiroshi; Kawakami, Akihiro; and Matsumura, Hideo**, to Hitachi, Ltd. Facsimile transceiver. 279,780, 7-23-85, Cl. D14-94.000.
- Nishiwaki, Katsuhiko: *See—*
  - **Adachi, Koushirou; Nishiwaki, Katsuhiko; Sakamoto, Motoake; Tsukaguchi, Tamotsu; and Miyamoto, Mitsuo**, 278,712, Cl. D14-102.000.
- Nishiyama, Masanobu: *See—*
  - **Miyoshi, Ichiro; Nishiyama, Masanobu; Tanaka, Hisaji; and Kanazawa, Fusao**, 277,039, Cl. D32-50.000.
- Nisshin Chemical Industry Co., Ltd.: *See—*
  - **Fukumoto, Masafumi**, 280,544, Cl. D23-136.000.
  - **Fukumoto, Masafumi**, 280,545, Cl. D23-136.000.
  - **Fukumoto, Masafumi**, 280,546, Cl. D23-136.000.
  - **Fukumoto, Masafumi**, 280,547, Cl. D23-136.000.
- **Nissman, Marvin J.**, to New Hermes Incorporated. Yoke for an engraving apparatus. 277,390, 1-29-85, Cl. D18-22.000.
- Nitsubishi Denki Kabushiki Kaisha: *See—*
  - **Tomozawa, Hisashi; Nagao, Yoshihiko; and Saito, Shigeru**, 280,217, Cl. D19-60.000.
- Nitto Kohiki Co., Ltd.: *See—*
  - **Takeuchi, Hirosato; and Mikiya, Toshio**, 280,234, Cl. D23-72.000.
- Nixon, Robert C.: *See—*
  - **Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D.**, 279,929, Cl. D26-122.000.
  - **Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D.**, 281,594, Cl. D12-169.000.
  - **Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D.**, 281,872, Cl. D12-169.000.
- **Nja, Olav**, to Kverneland A/S. Tooth for buckets on digging and loading machines. 279,476, 7-2-85, Cl. D15-29.000.
- **Nja, Olav**, to Kverneland A/S. Tooth for buckets on digging and loading machines. 279,567, 7-9-85, Cl. D15-29.000.
- **Nja, Olav**, to Kverneland A/S. Tooth for buckets on digging and loading machines. 279,568, 7-9-85, Cl. D15-29.000.
- **Nja, Olav**, to Kverneland A/S. Tooth for buckets on digging and loading machines. 279,786, 7-23-85, Cl. D15-29.000.
- **Nja, Olav**, to Kverneland A/S. Tooth for buckets on digging and loading machines. 281,326, 11-12-85, Cl. D15-29.000.
- **Noble, James R.** Exercise board. 279,810, 7-23-85, Cl. D21-191.000
- **Noble, James R.** Exercise frame. 280,001, 8-6-85, Cl. D21-191.000.
- **Noble, Peggy**. Toilet tissue roll cover. 277,714, 2-26-85, Cl. D6-610.000.
- **Noll, Paul**, to Lieba, Inc. Paperweight. 279,994, 8-6-85, Cl. D19-97.000.
- **Nolles, Anthony; and Le Marr, Wesley A.** Solar cell activated turntable. 280,881, 10-8-85, Cl. D8-1.000.
- **Nonnast, Paul**, to Jerome Instrument Corporation. Mercury vapor analyzer. 277,835, 3-5-85, Cl. D10-81.000.
- **Noonan, Daniel T.**, to Mead Corporation, The. Document scanner. 277,579, 2-12-85, Cl. D14-107.000.
- Norcarl Products, Inc.: *See—*
  - **Santoiemma, Carl V.**, 280,691, Cl. D7-312.000.
- Nordgren, Michael R.: *See—*
  - **Barbato, Michael W.; Mattson, Ray W.; and Nordgren, Michael R.**, 280,223, Cl. D21-136.000.
- **Nordgren, Peter; and Sjoholm, Hans**, to Formelprodukter. Ski pole grip. 278,649, 4-30-85, Cl. D21-230.000.
- **Nordgren, Peter; and Sjoholm, Hans**, to Formelprodukter. Snow plate. 279,024, 5-28-85, Cl. D21-230.000.
- **Nordgren, Peter; and Sjoholm, Hans**, to Formelprodukter. Snow plate. 279,025, 5-28-85, Cl. D21-230.000.
- **Nordgren, Peter; and Sjoholm, Hans**, to Formelprodukter. Ski pole grip. 279,026, 5-28-85, Cl. D21-230.000.
- Nordic Forge, Inc.: *See—*
  - **Peterson, Hensel B.**, 281,676, Cl. D10-87.000.
- Nordica S.p.A: *See—*
  - **Sartor, Mariano; and Balbinot, Renzo**, 278,570, Cl. D2-276.000.
- **Nordland, Johan**, to Kverneland A/S. Plow-bottom. 281,325, 11-12-85, Cl. D15-11.000.
- Nordson Corporation: *See—*
  - **Donges, William E.**, 278,808, Cl. D13-12.000.
  - **Lewellen, Richard R.**, 277,856, Cl. D14-103.000.
  - **Morrison, Jesse L.**, 278,139, Cl. D13-12.000.
  - **Scholl, Charles H.; and Frates, Paul S.**, 281,168, Cl. D15-144.000.
- **Nordstrom, Lennart K.**, to Saab-Scania Aktiebolag. Attitude-director indicator. 280,187, 8-20-85, Cl. D10-74.000.
- **Nordstrom, Mark B.; and Workman, David E.**, to Samsonite Corporation. Attache case. 278,000, 3-19-85, Cl. D3-76.000.
- **Norin, Mats; and Hanses, Ulf**, to Pressmaster Innovation AB. Stripping tool. 279,545, 7-9-85, Cl. D8-51.000.
- Norman S. Wright & Co.: *See—*
  - **Wright, Norman S., Jr.**, 281,274, Cl. D23-153.000.
- **Norris, Timothy A.** Bass drum beater. 279,576, 7-9-85, Cl. D17-22.000.
- North American Philips Corporation: *See—*
  - **Kaufman, Fred M.**, 281,681, Cl. D13-24.000.
  - **Muller, Ronald L.; and Rakocy, William J.**, 280,805, Cl. D10-92.000.
  - **Muller, Ronald L.; and Rakocy, William J.**, 280,851, Cl. D28-12.000.
  - **Muller, Ronald L.; and Rakocy, William J.**, 281,236, Cl. D10-92.000.
  - **Rapp, Harold B.; and Towne, Herbert**, 280,813, Cl. D13-28.000.
  - **Rapp, Harold B.; and Galitzine, Peter D.**, 281,675, Cl. D10-40.000.
  - **Tsuji, Masao**, 277,311, Cl. D23-149.000.
  - **Tsuji, Masao**, 280,453, Cl. D32-18.000.
  - **Tsuji, Masao**, 281,101, Cl. D23-149.000.
  - **Tsuji, Masao**, 281,726, Cl. D28-35.000.
  - **Tsuji, Masao**, 281,727, Cl. D28-35.000.
  - **Young, Michael W.**, 278,146, Cl. D14-12.000.
  - **Young, Michael W. K.**, 277,473, Cl. D14-3.000.
- North American Philips Electric Corp.: *See—*
  - **Bedel, Denis E.**, 277,033, Cl. D26-3.000.
  - **Bedel, Denis E.**, 277,412, Cl. D26-3.000.
  - **Bedel, Denis E.**, 278,462, Cl. D26-3.000.
- North Fork Industries, Inc.: *See—*
  - **Kircher, William B.; and Lester, David A.**, 278,389, Cl. D2-38.000.
- Northern Technologies Limited: *See—*
  - **Bertone, Nuccio**, 279,987, Cl. D14-113.000.
  - **Bertone, Nuccio**, 281,605, Cl. D14-100.000.
  - **Bertone, Nuccio**, 281,608, Cl. D14-115.000.
- Northern Telecom Limited: *See—*
  - **Austin, Hollis B.**, 280,389, Cl. D10-78.000.
  - **Brown, Michael; Read, Clifford D.; and Ellis, Warren K.**, 278,236, Cl. D14-60.000.
  - **Brown, Michael; Read, Clifford D.; and Ellis, Warren K.**, 280,618, Cl. D14-61.000.
  - **Brown, Michael; Read, Clifford D.; and Ellis, Warren K.**, 280,619, Cl. D14-63.000.
  - **Read, Clifford D.**, 277,957, Cl. D14-54.000.
  - **Ryan, Desmond J.**, 279,004, Cl. D14-63.000.
  - **Ryan, Desmond J.**, 280,199, Cl. D14-113.000.
- Northland Aluminum Products, Inc.: *See—*
  - **Taylor, John N.; and Nygren, Donald W.**, 279,535, Cl. D7-334.000.
  - **Taylor, John N.; and Nygren, Donald W.**, 279,537, Cl. D7-337.000.
- Northmace Limited: *See—*
  - **Plaut, Rudolf T. F.**, 281,041, Cl. D6-567.000.
- Northrop Corporation: *See—*
  - **Benneche, Chris; Cronin, Richard W.; Linhart, Eugene M.; Ranes, Richard L.; and Welch, Darrell K.**, 280,007, Cl. D22-11.000.
- Norton Co., Inc., The: *See—*
  - **Norton, David A.**, 281,084, Cl. D21-5.000.
- **Norton, David A.**, to Norton Co., Inc., The. Game target. 281,084, 10-22-85, Cl. D21-5.000.
- **Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O.**, to New Balance Athletic Shoe, Inc. Outsole for athletic shoe. 278,759, 5-14-85, Cl. D2-320.000.
- **Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O.**, to New Balance Athletic Shoe, Inc. Outsole for athletic shoe. 278,760, 5-14-85, Cl. D2-320.000.
- **Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O.**, to New Balance Athletic Shoe, Inc. Outsole for athletic shoe. 279,044, 6-4-85, Cl. D2-320.000.
- Norton, James A.: *See—*
  - **Alcala, Amancio; Norton, James A.; and Smith, Martin**, 278,148, Cl. D14-107.000.
- **Norton, John J.; and Underhill, Michael**, to CPG Products Corp. Toy space vehicle. 281,086, 10-22-85, Cl. D21-87.000.
- **Nosek, Robert J.** Arm weight or similar article. 278,455, 4-16-85, Cl. D21-196.000.
- **Nosenzo, Oreste G.**, to C.S. di NOSENZO Oreste. Stove. 277,779, 2-26-85, Cl. D23-97.000.
- **Nosenzo, Oreste G.**, to C.S. di NOSENZO Oreste. Stove. 278,552, 4-23-85, Cl. D23-97.000.
- **Nosenzo, Oreste G.**, to C.S. di NOSENZO Oreste. Stove. 280,011, 8-6-85, Cl. D23-97.000.

Nottingham, John. Toy airplane. 279,802, 7-23-85, Cl. D21-83.000.
Nottingham, John R.; and Spirk, John W., Jr. Toy stove or similar article. 277,204, 1-15-85, Cl. D21-122.000.
Nottingham, John R.; and Spirk, John W., Jr. Combined toy wagon and animals therefor. 281,518, 11-26-85, Cl. D21-149.000.
Nottingham, John R.; and Spirk, John W., Jr. Toy play house or similar article. 281,986, 12-31-85, Cl. D21-114.000.
Nottingham, John R.: *See—*
  Spirk, John W., Jr.; and Nottingham, John R., 277,590, Cl. D21-122.000.
  Spirk, John W., Jr.; and Nottingham, John R., 281,264, Cl. D21-130.000.
  Spirk, John W., Jr.; and Nottingham, John R., 281,985, Cl. D21-109.000.
Novak, Mickey, to Innovative Time Corporation. Sweat band wrist watch. 281,674, 12-10-85, Cl. D10-31.000.
Novak, Mickey E., to Innovative Time Corporation. Display case for watches or the like. 278,958, 5-28-85, Cl. D6-471.000.
Novatech Research Corporation: *See—*
  Brockway, Reid E., 279,892, Cl. D13-12.000.
Novi Products Company: *See—*
  Hug, James M., 281,939, Cl. D6-449.000.
Nowak, Reinhard, to Glatt GmbH. Combined granulator, dryer and coater. 277,192, 1-15-85, Cl. D15-144.000.
Nowlin, Henry M., III. Display for advertisements. 279,631, 7-16-85, Cl. D6-467.000.
Noyes, Androus D.: *See—*
  Schosser, John F.; Noyes, Androus D.; and Pelletier, Gerald A., 281,819, Cl. D26-40.000.
Noz-L-Ad, Inc.: *See—*
  Goldman, Frank, 279,483, Cl. D20-10.000.
  Goldman, Frank, 279,484, Cl. D20-10.000.
NuDisc, Inc.: *See—*
  Eberhart, Charles E.; Ettli, Karl P.; Lake, Brenton G.; and Rainbolt, Jack D., 279,466, Cl. D12-180.000.
  Eberhart, Charles E.; Ettli, Karl P.; and Rainbolt, Jack D., 279,467, Cl. D12-180.000.
Nuesse, Octavio; Samson, Rainer; and Majert, Karl, to USM Corporation. Hand held hot melt dispenser. 279,075, 6-4-85, Cl. D8-30.000.
Nuesse, Octavio; Samson, Rainer; and Majert, Karl, to USM Corporation. Hand held hot melt dispenser. 280,378, 9-3-85, Cl. D8-30.000.
Null Manufacturing Corporation: *See—*
  Brown, Richard G., 281,125, Cl. D6-477.000.
Numata, Teruhisa: *See—*
  Sakamoto, Masakazu; Numata, Teruhisa; and Monobe, Juzaburo, 280,797, Cl. D8-68.000.
  Sakamoto, Masakazu; Numata, Teruhisa; and Yamamoto, Etsushi, 280,883, Cl. D8-68.000.
Numbers, Jody L. Thin flat sided hand held weapon. 277,126, 1-8-85, Cl. D22-1.000.
Nuova Faema S.p.A.: *See—*
  Rosalgino, Visconti, 281,943, Cl. D7-309.000.
Nusse, Octavio, to C.A. Weismuller GmbH & Co. Terminal block. 281,415, 11-19-85, Cl. D13-24.000.
Nuttall, Michael J.; Burnett, William R.; and Fiorella, Charles M., to Convergent Technologies, Inc. Portable computerized unit. 281,606, 12-3-85, Cl. D14-100.000.
Nuttall, Michael J.: *See—*
  Sanders, Matthew H. L.; Keely, Leroy B.; Moggridge, William G.; and Nuttall, Michael J., 277,187, Cl. D14-106.000.
Nuttall, Michael W.: *See—*
  Kato, Yuji; and Nuttall, Michael W., 281,182, Cl. D21-108.000.
  Kato, Yuji; and Nuttall, Michael W., 281,183, Cl. D21-108.000.
  Kato, Yuji; and Nuttall, Michael W., 281,184, Cl. D21-108.000.
  Kato, Yuji; and Nuttall, Michael W., 281,185, Cl. D21-108.000.
  Kato, Yuji; and Nuttall, Michael W., 281,186, Cl. D21-108.000.
Nutting, David, to Bally Manufacturing Corporation. Video game cabinet. 278,160, 3-26-85, Cl. D21-13.000.
Nygren, Donald W.: *See—*
  Taylor, John N.; and Nygren, Donald W., 279,535, Cl. D7-334.000.
  Taylor, John N.; and Nygren, Donald W., 279,537, Cl. D7-337.000.
Nyman, Georg N.: *See—*
  Hoelbl, Werner; Nyman, Georg N.; and Moser, Karl, 278,915, Cl. D16-131.000.
Nystrom, Susan T. Wall mounted valet. 281,203, 11-5-85, Cl. D6-324.000.
O. M. Scott & Sons Company, The: *See—*
  Lemkin, Jack L., 277,776, Cl. D23-7.000.
  Lemkin, Jack L., 277,777, Cl. D23-7.000.
  Lemkin, Jack L., 277,778, Cl. D23-7.000.
  Lemkin, Jack L.; Zilber, Eugene A.; and Peterson, Carl A., 281,808, Cl. D23-38.000.
Oatey Co.: *See—*
  Hayes, Robert R.; and Frost, George H., 277,641, Cl. D8-101.000.
Oba, Mikio; and Sakai, Kazumi, to Car Mate Mfg. Co., Ltd. Flexible lamp. 281,820, 12-17-85, Cl. D26-43.000.
Oba, Yasuhiro, to Honda Giken Kogyo Kabushiki Kaisha; and Ohtsu Tire & Rubber Co., Ltd. Road wheel tire. 278,045, 3-19-85, Cl. D12-147.000.
Oba, Yasuhiro, to Honda Giken Kogyo Kabushiki Kaisha; and Ohtsu Tire & Rubber Co., Ltd. Road wheel tire. 278,136, 3-26-85, Cl. D12-146.000.
Obara, Hiroyuki, to Takara Co., Ltd. Reconfigurable toy vehicle. 279,916, 7-30-85, Cl. D21-136.000.
Obata, Takeichi; and Oe, Shinji, to Hitachi Heating Appliances Co., Ltd. Electric rice cooker. 280,064, 8-13-85, Cl. D7-360.000.
O'Brien, Edward J.: *See—*
  Butterfield, Ted; Bird, George E.; Paulsen, Gary A.; and O'Brien, Edward J., 280,125, Cl. D23-35.000.
Ocean Trends: *See—*
  Cunliffe, Stephen E., 281,121, Cl. D3-62.000.
Ochiai, Kiyoshi: *See—*
  Fukumoto, Tetsuhiro; and Ochiai, Kiyoshi, 279,363, Cl. D12-143.000.
O'Connell, John P., to Fisons plc. Programmable multimeter housing. 281,402, 11-19-85, Cl. D10-78.000.
O'Connor, Michael W. Rotatable planter support unit. 280,085, 8-13-85, Cl. D11-156.000.
O'Donnell, Daniel, to Monier Limited. Roof tile. 281,536, 11-26-85, Cl. D25-80.000.
Oe, Shinji: *See—*
  Obata, Takeichi; and Oe, Shinji, 280,064, Cl. D7-360.000.
Oefinger, Richard W., to USM Corporation. Rivet gun. 280,071, 8-13-85, Cl. D8-61.000.
Offredi, Giovanni, to Fratelli Saporiti Industria Arredamenti di Saporiti Sergio e Giorgio. Table. 277,351, 1-29-85, Cl. D6-483.000.
Offredi, Giovanni, to Gnecchi and Company S.p.A. Telephone support. 277,572, 2-12-85, Cl. D14-61.000.
Offredi, Giovanni. Chair. 279,338, 6-25-85, Cl. D6-376.000.
Offredi, Giovanni. Bed. 279,439, 7-2-85, Cl. D6-393.000.
Offredi, Giovanni, to Fratelli Saporiti Industria Arredamenti di Saporiti Sergio e Giorgio S.N.C. Parlor chair. 280,051, 8-13-85, Cl. D6-334.000.
Offredi, Giovanni, to Saporiti Italia S.p.A. Sofa. 280,055, 8-13-85, Cl. D6-381.000.
Offredi, Giovanni. Sofa. 280,956, 10-15-85, Cl. D6-381.000.
Offutt, James C., to Rimball, Inc. Game ball goal. 277,884, 3-5-85, Cl. D21-201.000.
Ofield, Michael G. Motorcycle light indicator. 280,849, 10-1-85, Cl. D26-28.000.
Ofield, Michael G. Motorcycle light. 281,356, 11-12-85, Cl. D26-28.000.
Ofield, Michael G. Headlight cover for motorcycle fairing. 281,359, 11-12-85, Cl. D26-139.000.
Ofrex Group Limited: *See—*
  Sadler, Kenneth G., 277,190, Cl. D15-127.000.
Ogata, Haruki; and Ogawa, Kimio, to Victor Company of Japan, Limited. Video tape cassette upper half casing. 277,567, 2-12-85, Cl. D14-11.000.
Ogata, Haruki; and Ogawa, Kimio, to Victor Company of Japan, Limited. Video tape cassette lower half casing. 277,568, 2-12-85, Cl. D14-11.000.
Ogawa, Iwakichi, to Takara Co., Ltd. Reconfigurable toy. 278,643, 4-30-85, Cl. D21-128.000.
Ogawa, Iwakichi, to Takara Co., Ltd. Reconfigurable construction vehicle. 279,591, 7-9-85, Cl. D21-132.000.
Ogawa, Iwakichi, to Takara Co., Ltd. Reconfigurable toy car. 279,592, 7-9-85, Cl. D21-136.000.
Ogawa, Kimio: *See—*
  Ogata, Haruki; and Ogawa, Kimio, 277,567, Cl. D14-11.000.
  Ogata, Haruki; and Ogawa, Kimio, 277,568, Cl. D14-11.000.
Ogawa, Yoshiharu, to Kabushiki Kaisha Washino Design; and Dai Nippon Insatsu Kabushiki Kaisha. Doll. 277,217, 1-15-85, Cl. D21-174.000.
Ogg, Richard K., to Stow & Davis Furniture Company. Chair. 279,943, 8-6-85, Cl. D6-375.000.
Ogg, Richard K., to Stow & Davis Furniture Company. Chair. 281,840, 12-24-85, Cl. D6-366.000.
Oh, Myung K.; and Koo, Myung S. Tricycle. 280,980, 10-15-85, Cl. D12-112.000.
O'Halloran, James, to Radius Corporation. Toothbrush. 277,141, 1-15-85, Cl. D4-111.000.
O'Hara, Joseph T., II. Cord reel. 281,574, 12-3-85, Cl. D8-358.000.
Ohashi, Keiichi, to Skylite Industry Co., Ltd. Fluorescent lantern. 278,366, 4-9-85, Cl. D26-42.000.
Ohashi, Keiichi, to Skylite Industry Co., Ltd. Combined light and radio receiver. 280,442, 9-3-85, Cl. D26-38.000.
Ohashi, Shigeo, to Nihon Kaiheiki Kogyo Kabushiki Kaisha. Toggle switch. 280,718, 9-24-85, Cl. D13-37.000.
Ohashi, Shigeo. Toggle switch. 280,719, 9-24-85, Cl. D13-37.000.
Ohashi, Shigeo, to Nihon Kaiheiki Kogyo Kabushiki Kaisha. Push button switch. 280,814, 10-1-85, Cl. D13-38.000.
Ohba, Yasuhiro, to Honda Giken Kogyo Kabushiki Kaisha. Front fork for three-wheeled motor vehicle. 278,044, 3-19-85, Cl. D12-118.000.
Ohhashi, Kazuya: *See—*
  Mishiro, Benito; Ohhashi, Kazuya; and Nishimoto, Teruyuki, 277,576, Cl. D14-73.000.
Ohkado, Tethuo, to Tomy Kogyo Company, Incorporated. Animal-like figure toy. 278,732, 5-7-85, Cl. D21-150.000.
Ohkado, Tethuo, to Tomy Kogyo Company, Incorporated. Animal-like figure toy. 278,733, 5-7-85, Cl. D21-150.000.
Ohkado, Tethuo, to Tomy Kogyo Company, Incorporated. Animal-like figure toy. 278,838, 5-14-85, Cl. D21-150.000.
Ohmura, Ryuichi, to Fuji Kogyo Co., Ltd. Line guide for fishing rod. 280,656, 9-17-85, Cl. D22-24.000.
Ohno, Akio; and Hamada, Masanori, to Matsushita Electric Industrial Co., Ltd. Combined tape recorder and radio receiver. 277,564, 2-12-85, Cl. D14-5.000.
Ohno, Akio; Ohto, Kikuo; Okada, Takao; Yabunaka, Satsuki; and Mishiro, Benito, to Matsushita Electric Industrial Co., Ltd. Combined tape recorder and radio receiver. 277,751, 2-26-85, Cl. D14-5.000.

Ohno, Kouzin, to Takara Co., Ltd. Reconfigurable toy plane. 279,804, 7-23-85, Cl. D21-87.000.
Ohno, Kouzin, to Takara Co., Ltd. Reconfigurable toy vehicle. 281,001, 10-15-85, Cl. D21-136.000.
Ohno, Kouzin, to Takara Co., Ltd. Reconfigurable toy vehicle. 281,087, 10-22-85, Cl. D21-136.000.
Ohno, Masaru; Fujiyama, Yoshiyuki; and Kumano, Toshihiro, to Matsushita Graphic Communication System. Facsimile transceiver. 278,817, 5-14-85, Cl. D14-94.000.
Ohno, Richard, to Kidde, Inc. Combined alarm exit latch and lock therefor. 279,647, 7-16-85, Cl. D8-302.000.
Ohno, Richard, to Kidde, Inc. Combined alarm exit latch and lock therefor. 280,799, 10-1-85, Cl. D8-302.000.
Ohnuma, Mitsuru; Tsuburaya, Kazuyuki; and Tanitsu, Masato, to Hitachi, Ltd. Computer display. 278,911, 5-21-85, Cl. D14-113.000.
Ohnuma, Mitsuru; Tsuburaya, Kazuyuki; Tanitsu, Masato; Nakata, Akihito; and Yoshimura, Hidetomo. Central processor unit. 279,984, 8-6-85, Cl. D14-109.000.
Ohshima, Yasuaki: *See—*
  Iwakura, Masato; Ohshima, Yasuaki; and Ito, Masamoto, 277,090, Cl. D12-110.000.
  Nakano, Hiroshi; and Ohshima, Yasuaki, 277,952, Cl. D12-159.000.
Ohta, Fumiharu: *See—*
  Baba, Haruo; Kurosu, Teisuke; Ohta, Fumiharu; Takenaka, Kazumasa; and Watanabe, Satoshi, 279,372, Cl. D14-52.000.
Ohta, Katsubumi; Mineya, Kazuyoshi; and Maeda, Mituo, to Yokohama Rubber Co., Ltd., The. Automobile tire. 280,981, 10-15-85, Cl. D12-142.000.
Ohta, Kikuo: *See—*
  Mishiro, Benito; Ohta, Kikuo; Hoshino, Kunio; Takenaka, Kazumasa; and Kido, Katsutoshi, 278,144, Cl. D14-5.000.
Ohta, Kunio, to Nippon Gakki Seizo Kabushiki Kaisha. Piano player. 278,153, 3-26-85, Cl. D17-9.000.
Ohto, Kikuo: *See—*
  Ohno, Akio; Ohto, Kikuo; Okada, Takao; Yabunaka, Satsuki; and Mishiro, Benito, 277,751, Cl. D14-5.000.
Ohtsu Tire & Rubber Co., Ltd.: *See—*
  Oba, Yasuhiro, 278,045, Cl. D12-147.000.
  Oba, Yasuhiro, 278,136, Cl. D12-146.000.
  Tsujimoto, Masamichi, 277,373, Cl. D12-140.000.
Ohtsu, Yutaka, to Citizen Watch Co., Ltd. Portable television set. 281,244, 11-5-85, Cl. D14-77.000.
Ohtsuji, Tetsuo, to Pioneer Electronic Corporation. Loudspeaker. 280,817, 10-1-85, Cl. D14-30.000.
Oka, Shigeo, to Pentel Kabushiki Kaisha. Mechanical pencil or similar article. 279,993, 8-6-85, Cl. D19-45.000.
Okada, Hidekazu, to Clover Mfg. Co., Ltd. Combined crochet hook and cap. 277,430, 2-5-85, Cl. D3-28.000.
Okada, Hidekazu, to Clover Mfg. Co., Ltd. Gauge for use with sewing and knitting. 279,938, 8-6-85, Cl. D3-18.000.
Okada, Hideki: *See—*
  Oura, Takao; and Okada, Hideki, 279,096, Cl. D14-5.000.
Okada, Takao: *See—*
  Ohno, Akio; Ohto, Kikuo; Okada, Takao; Yabunaka, Satsuki; and Mishiro, Benito, 277,751. Cl. D14-5.000.
Okamura Corporation: *See—*
  Koguma, Seiji, 278,583, Cl. D6-426.000.
  Koguma, Seiji, 278,770, Cl. D6-423.000.
  Koguma, Seiji, 278,771, Cl. D6-426.000.
  Koguma, Seiji, 278,772, Cl. D6-426.000.
  Koguma, Seiji, 281,746, Cl. D6-426.000.
Okano, Katsuhiko, to Ryobi Limited. Combined packaging and display container. 281,227, 11-5-85, Cl. D9-347.000.
Okazaki, Mitsuaki, to Ryobi Limited. Door closer. 281,762, 12-17-85, Cl. D8-330.000.
Okcuoglu, Selahattin A.: *See—*
  Harden, James P.; Okcuoglu, Selahattin A.; Robards, Preston O., Jr.; Shakib, Iraj D.; and Souder, Thomas D., 280,641, Cl. D18-12.000.
Oki Electric Industry Co., Ltd.: *See—*
  Tarao, Masaharu; and Watanabe, Katsuhito, 277,377, Cl. D14-53.000.
Oki Electric Overseas Corporation: *See—*
  Bevilacqua, Ernest M., 277,164, Cl. D8-53.000.
Okuda, Yasuhiro. Chair. 280,270, 8-27-85, Cl. D6-380.000.
Okuyama, Tooru; Hara, Kunio; and Fujii, Kiyoshi, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic copying machine. 280,205, 8-20-85, Cl. D16-31.000.
Okuyama, Tooru: *See—*
  Hara, Kunio; Sutoh, Shigeru. Okuyama, Tooru; and Fujii, Kiyoshi, 278,152, Cl. D16-31.000.
  Hara, Kunio; and Okuyama, Tooru, 280,636, Cl. D16-32.000.
  Hara, Kunio; and Okuyama, Tooru, 281,170, Cl. D16-32.000.
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  Marsh, Gunnar; and Olander, Christer, 282,006, Cl. D24-33.000.
Oldham, Rodnie D. Rotatable storage rack for spice jars and the like. 278,585, 4-30-85, Cl. D6-513.000.
O'Leary, Stephen H.: *See—*
  Manno, Joseph J.; and O'Leary, Stephen H., 278,743, Cl. D24-8.000.
Olesen, Paul; Pendzich, Richard J.; and Lensky, Albert, to Swingline Inc. Staple cartridge. 280,070, 8-13-85, Cl. D8-49.000.
Olesen, Paul: *See—*
  Miller, David B.; Olesen, Paul; and Stoica, Ion, 277,161, Cl. D8-49.000.
Oliver, Gloria D. Toothbrush holder. 279,248, 6-18-85, Cl. D6-534.000.
Olivetti Synthesis, S.p.A.: *See—*
  Sottsass, Ettore; and De Lucchi, Michele, 278,289, Cl. D6-487.000.
  Sottsass, Ettore; and De Lucchi, Michele, 280,272, Cl. D6-422.000.
Olsen, Bill R. Film cartridge container accessory. 279,683, 7-16-85, Cl. D16-10.000.
Olsen, Flemming H., to Interlego A.G. Activity toy. 277,685, 2-19-85, Cl. D21-59.000.
Olsen, Flemming H., to Interlego A.G. Toy railway track section. 281,002, 10-15-85, Cl. D21-143.000.
Olsen, Flemming H., to Interlego A.G. Toy railway track section. 281,443, 11-19-85, Cl. D21-143.000.
Olsen, Gert P.: *See—*
  Tapdrup, Erik P.; and Olsen, Gert P., 280,222, Cl. D21-90.000.
  Tapdrup, Erik P.; and Olsen, Gert P., 280,838, Cl. D21-90.000.
Olsen, Hans, to Aktiebolaget Svensk Eldental. Battery operated tooth brush. 278,764, 5-14-85, Cl. D4-101.000.
Olson, Daniel H.: *See—*
  Atkinson, Robert W.; and Olson, Daniel H., 281,535, Cl. D24-51.000.
Olson, David V.; and Matthews, Steven T. Stereo headrest for dental chairs. 277,630, 2-19-85, Cl. D6-501.000.
Olson, David V.; and Bieger, Walter I. Household magnet for kitchen use. 281,230, 11-5-85, Cl. D9-434.000.
Olson, Warren J.: *See—*
  Huot, Henry E., Jr.; Huot, William J.; and Olson, Warren J., 277,339, Cl. D3-74.000.
Olsson, Kurt: *See—*
  Lundblad, Leif; and Olsson, Kurt, 277,043, Cl. D99-28.000.
Olsson, Lars O. Roof shingle. 281,908, 12-24-85, Cl. D25-80.000.
Olsson, Sven O. Caulking spout. 277,827, 3-5-85, Cl. D9-447.000.
Olympus Optical Co., Ltd.: *See—*
  Aihara, Takayuki; Kawakami, Kazuo; and Nagai, Yawara, 278,182, Cl. D24-29.000.
  Hattori, Yasuo; Kame, Masaharu; and Sakurada, Masahiko, 281,310, Cl. D10-81.000.
  Imada, Michio, 277,405, Cl. D24-17.000.
  Imada, Michio, 277,406, Cl. D24-17.000.
  Imada, Michio, 277,407, Cl. D24-17.000.
  Imada, Michio; and Toyoguchi, Kyo, 280,634, Cl. D16-31.000.
  Imada, Michio, 280,906, Cl. D16-31.000.
  Imada, Michio, 280,907, Cl. D16-31.000.
  Ishii, Fumiaki, 280,206, Cl. D16-134.000.
  Kawazu, Hideyuki, 278,347, Cl. D16-32.000.
  Kubokawa, Hiroaki; and Ishiwara, Koichiro, 277,408, Cl. D24-17.000.
  Kubokawa, Hiroaki; and Ishiwara, Koichiro, 277,505, Cl. D24-17.000.
  Nishigaki, Shinichi, 279,604, Cl. D24-29.000.
  Takasugi, Noboru, 280,131, Cl. D24-31.000.
  Takata, Kazuaki, 277,475, Cl. D14-6.000.
  Takata, Kazuaki, 278,333, Cl. D14-12.000.
  Takata, Kazuaki, 278,853, Cl. D2-400.000.
  Takata, Kazuaki, 278,899, Cl. D14-6.000.
  Takata, Kazuaki, 278,900, Cl. D14-6.000.
  Takata, Kazuaki, 279,097, Cl. D14-6.000.
  Tsuchihashi, Yasutaka; and Ito, Kenichi, 278,428, Cl. D14-1.000.
  Ushikubo, Masao, 281,534, Cl. D24-29.000.
Omaco Enterprises, Inc.: *See—*
  Knight, Leland W., 281,196, Cl. D24-17.000.
Omark Industries, Inc.: *See—*
  Croydon, Frederic G., 277,930, Cl. D8-70.000.
  Croydon, Frederic G., 277,931, Cl. D8-70.000.
Omation Corporation: *See—*
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Omega Louis Brandt & Frere S.A.: *See—*
  Didisheim, Carol, 278,605, Cl. D10-30.000.
Omega S.A.: *See—*
  Fontana, Fernando, 279,765, Cl. D10-32.000.
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Oneby, James E.: *See—*
  Genaro, Donald M.; Tilley, Alvin R.; McQueen, Edwin D.; Murglin, Joseph G.; Oneby, James E.; and Ramig, Robert J., Jr., 279,902, Cl. D14-111.000.
Oneida Ltd.: *See—*
  Moher, Robert W., Jr.; French, Charles S.; and Reed, Robert J., 281,381, Cl. D6-471.000.
  Perry, Frank R., 280,376, Cl. D7-137.000.
  Richmond, Colin B., II, 277,447, Cl. D7-137.000.
  Richmond, Colin B., II, 278,018, Cl. D7-150.000.
  Richmond, Colin B., II, 279,534, Cl. D7-150.000.
  Richmond, Colin B., II, 280,171, Cl. D7-137.000.
  Richmond, Colin B., II, 280,172, Cl. D7-137.000.
  Richmond, Colin B., II, 280,375, Cl. D7-137.000.
O'Neil, William J., Jr.: *See—*
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  Pashkov, Anatoly P.; Kipernik, Efim G.; Onischenko, Anatoly V.; Sakharov, Valentin S.; Kudryashev, Mikhail M.; Karpov, Oleg P.; Yavorsky, Illary A.; and Gizer, Boris V., 279,543, Cl. D8-30.000.
Onit Inc.: *See—*
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Onodera, Tsuyoshi, to Seiko Instruments & Electronics Ltd. Pocket watch. 278,038, 3-19-85, Cl. D10-30.000.
Onozaki, Noboru; and Yamada, Hiroshi, to Hitachi, Ltd. Audio disc player. 280,503, 9-10-85, Cl. D14-1.000.
Ooh La La!, Inc.: *See—*
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Nagelkerke, Petrus J. J.; Pepall, Lynford S.; and Oord, Klaas T., 279,723, Cl. D28-50.000.
Opel, George E. Credit card. 280,214, 8-20-85, Cl. D19-10.000.
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Haas, Ulrich J., 280,731, Cl. D16-102.000.
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Rutyna, Charles G.; and O'Shea, Thomas P., 280,947, Cl. D2-248.000.
Oshima, Takashi; Mihara, Noboru; and Yamauchi, Shuji, to Iwatsu Electric Co., Ltd. Call processor for a telephone system. 281,423, 11-19-85, Cl. D14-58.000.
Osrow, Harold; and Osrow, Richard, to Osrow Products Corporation. Illuminated ice scraper. 279,415, 6-25-85, Cl. D32-49.000.
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Ostergard, Andra S. Refrigerator beverage dispenser. 277,067, 1-8-85, Cl. D7-302.000.
Ostergard, Andra S. Refrigerator beverage dispenser. 277,068, 1-8-85, Cl. D7-302.000.
Ostergard, Andra S. Refrigerator beverage dispenser. 277,069, 1-8-85, Cl. D7-302.000.
Osterlin, Kenneth. Combined slide projector and slide magazine. 277,105, 1-8-85, Cl. D16-21.000.
Ostermaier, Albert E. Knee protector. 280,040, 8-13-85, Cl. D2-27.000.
Ostermiller, Terry E. We're number 1 cheering ornament or similar device. 281,928, 12-31-85, Cl. D3-5.000.
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Otake, Masao, to Nakagawa Corporation. Jewelry chain. 281,589, 12-3-85, Cl. D11-12.000.
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Ott, John P. Baseball equipment cart. 280,859, 10-1-85, Cl. D34-25.000.
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Otto, Edgar. Insulated cup. 277,921, 3-12-85, Cl. D7-9.000.
Otto, Edgar, to Therma-Tray Corporation. Combined insulated food service tray and cover. 280,059, 8-13-85, Cl. D7-16.000.
Oura, Takao; and Okada, Hideki, to Mitsubishi Denki Kabushiki Kaisha. Combined tape deck, phonograph, tuner and amplifier. 279,096, 6-4-85, Cl. D14-5.000.
Overcash, Donald A.; Hall, Lloyd E.; and Mueller, Guenter W., to Duncan Electronics. Throttle position sensor. 281,323, 11-12-85, Cl. D15-5.000.
Overman, John W.; and Wells, Thomas R., to Bell & Howell Company. Microform duplicator. 279,684, 7-16-85, Cl. D16-27.000.
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Oyabu, Toshiharu, to Shachihata Industry Co., Ltd. Ball point pen. 277,393, 1-29-85, Cl. D19-51.000.
Oyamada, Takashi, to NEC Corporation. Radio receiver. 281,975, 12-31-85, Cl. D14-70.000.
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Paczko, Terry, to Questor Corp. Simulative toy rattle. 277,018, 1-1-85, Cl. D21-65.000.
Paczko, Terry, to Questor Corp. Toy hammer. 277,119, 1-8-85, Cl. D21-120.000.
Paczko, Terry, to Questor Corp. Toy squirrel rattle. 277,197, 1-15-85, Cl. D21-65.000.
Paczko, Terry, to Questor Corp. Toy kitten rattle. 277,198, 1-15-85, Cl. D21-65.000.
Paczko, Terry, to Questor Corp. Toy pliers. 277,203, 1-15-85, Cl. D21-120.000.
Paczko, Terry, to Questor Corp. Toy carrot. 277,216, 1-15-85, Cl. D21-155.000.
Paczko, Terry, to Questor Corp. Toy bunny rabbit rattle. 277,587, 2-12-85, Cl. D21-65.000.

- Paczko, Terry, to Questor Corp. Toy puppy dog rattle. 277,588, 2-12-85, Cl. D21-65.000.
- Paczko, Terry, to Questor Corp. Toy bear rattle. 277,880, 3-5-85, Cl. D21-65.000.
- Paczko, Terry, to Questor Corp. Toy bird rattle. 278,071, 3-19-85, Cl. D21-65.000.
- Padmore & Barnes International Limited: *See*—
  - Roberts, Patrick J.; and Hogan, Kevin P., 281,458, Cl. D2-313.000.
- Page, John F., to Fender Musical Instruments Corporation. String tree for guitars. 280,522, 9-10-85, Cl. D17-20.000.
- Page, John F.: *See*—
  - Gressett, Charles A., Jr.; Todd, Charles H., III; and Page, John F., 280,526, Cl. D17-21.000.
- Paget, Fredrick W., to GTE Products Corporation. Fluorescent lamp or the like. 280,345, 8-27-85, Cl. D26-3.000.
- Pagliaroni, James V.: *See*—
  - Megill, Joseph F.; and Pagliaroni, James V., 278,170, Cl. D32-35.000.
- Pagnini, Edillio. Combined cleaner for spiked shoes and shoehorn. 281,742, 12-17-85, Cl. D4-116.000.
- Painter, David L.: *See*—
  - Duquaine, Edward J., Jr.; and Painter, David L., 280,592, Cl. D7-387.000.
- Pajak, Witold, to Conair Corporation. Hair dryer. 277,789, 2-26-85, Cl. D28-13.000.
- Pajak, Witold, to Conair Corporation. Styler dryer. 278,557, 4-23-85, Cl. D28-13.000.
- Pajak, Witold, to Conair Corporation. Styler dryer. 281,019, 10-15-85, Cl. D28-13.000.
- Palantir Inc.: *See*—
  - Spangler, Mark, 279,120, Cl. D21-191.000.
- Palizzolo, Leo C. Arrowhead. 279,813, 7-23-85, Cl. D22-12.000.
- Palka, James J., to Pace Industries Inc. Wall mounted cabinet. 277,148, 1-15-85, Cl. D6-560.000.
- Palka, James J., to Pace Industries Inc. Cabinet unit for lavatory basins. 277,623, 2-19-85, Cl. D6-423.000.
- Palmer, Dennis J. Rocking chair. 280,576, 9-17-85, Cl. D6-344.000.
- Palmer, Jerry P.: *See*—
  - Cafaro, John A.; and Palmer, Jerry P., 277,661, Cl. D12-211.000.
- Palmer, Robert A., to Greater Toronto Food Corporation. Bottle. 278,409, 4-16-85, Cl. D9-316.000.
- Panafacom Limited: *See*—
  - Tsumura, Tomoki; Maruoka, Hiroshi; Asaji, Toshio; and Yamamoto, Mitsuru, 279,187, Cl. D14-100.000.
  - Tsumura, Tomoki; Maruoka, Hiroshi; Asaji, Toshio; and Yamamoto, Mitsuru, 279,189, Cl. D14-113.000.
  - Tsumura, Tomoki; Maruoka, Hiroshi; Asayi, Toshio; and Yamamoto, Mitsuru, 279,190, Cl. D14-100.000.
  - Tsumura, Tomoki; Maruoka, Hiroshi; Asaji, Toshio; and Yamamoto, Mitsuru, 280,900, Cl. D14-111.000.
- Pandorf, Warren: *See*—
  - Pandorf, Wayne; and Pandorf, Warren, 281,745, Cl. D6-390.000.
- Pandorf, Wayne; and Pandorf, Warren. Crib. 281,745, 12-17-85, Cl. D6-390.000.
- Panicci, Richard L., to Kiddie Products, Inc. Teether. 277,031, 1-1-85, Cl. D24-45.000.
- Panish, Paul W.: *See*—
  - Forbis, James M.; and Panish, Paul W., 279,565, Cl. D14-100.000.
- Pano, Joseph, to Iscar Ltd. Cutting insert for metal working machines. 278,716, 5-7-85, Cl. D15-139.000.
- Papajohn, Ted, to Compaq Computer Corporation. Personal computer. 279,475, 7-2-85, Cl. D14-106.000.
- Pape, John A.: *See*—
  - Thomson, Harry S.; Raffo, David M.; and Pape, John A., 280,429, Cl. D21-65.000.
  - Thomson, Harry S.; Raffo, David M.; and Pape, John A., 280,749, Cl. D21-65.000.
  - Thomson, Harry S.; Raffo, David M.; and Pape, John A., 280,997, Cl. D21-59.000.
- Pape, John E.: *See*—
  - Ball, Ralph V.; and Pape, John E., 277,095, Cl. D12-307.000.
- Pappas, Chris J., to Comus, Inc.; and Vosca Corporation. Combined clock and paper clip holder. 277,556, 2-12-85, Cl. D10-2.000.
- Paradies Airport Shops, Inc.: *See*—
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- Paramount Pictures Corporation: *See*—
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  - Aldrich, Thomas B.; Pardo, John; and Snyder, Martin H., 280,816, Cl. D14-63.000.
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  - Chiodo, Daniel J.; Pardon, Barry; and Verga, Joseph, 278,702, Cl. D13-5.000.
  - Chiodo, Daniel J.; Pardon, Barry; and Verga, Joseph, 278,703, Cl. D13-5.000.
- Parent, Donald G. Cleaner for a golf club head. 280,229, 8-20-85, Cl. D21-234.000.
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  - Kirshner, David M.; Paris, Patricia; Bollinger, Howard N.; Goldberg, Dale I.; Abbott, Jane C., and Haupt, Linda, 281,004, Cl. D21-171.000.
- Parker-Hannifin Corporation: *See*—
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- Parker, John C.; Terry, Norman L.; and Lester, Bud W., to Teknovation, Incorporated. Portable lamp. 277,414, 1-29-85, Cl. D26-45.000.
- Parker, John C.; Terry, Norman L.; and Lester, Bud W., to Teknovation, Incorporated. Portable lamp. 278,084, 3-19-85, Cl. D26-45.000.
- Parker, John C.; Terry, Norman L.; and Lester, Bud W., to Teknovation, Incorporated. Swivel mount for portable lamp. 279,823, 7-23-85, Cl. D26-140.000.
- Parker, Kenneth R.; and Hohulin, Samuel E., to National Union Electric Corporation. Transparent tool cover for suction cleaners or the like. 277,038, 1-1-85, Cl. D32-31.000.
- Parker, Mark G., to Nike, Inc. Shoe outsole. 281,459, 11-26-85, Cl. D2-320.000.
- Parker, Mark G., to Nike, Inc. Shoe outsole. 281,460, 11-26-85, Cl. D2-320.000.
- Parker, Norman A. Warning light. 279,770, 7-23-85, Cl. D10-114.000.
- Parker, Paul H. Chair. 280,473, 9-10-85, Cl. D6-379.000.
- Parker, Paul H., to Telescope Folding Furniture Co., Inc., The. Seat. 280,683, 9-24-85, Cl. D6-370.000.
- Parker, Paul H., to Telescope Folding Furniture Co., Inc., The. Chaise lounge. 281,037, 10-22-85, Cl. D6-361.000.
- Parker, Paul H. Glider. 281,378, 11-19-85, Cl. D6-379.000.
- Parker Pen Company: *See*—
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  - Hillebrand, Thomas W., and Sonntag, Clemens A., 279,383, Cl. D19-51.000.
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- Parrochia, Maxime. Handle for a bag. 277,337, 1-29-85, Cl. D3-54.000.
- Parrochia, Maxime. Handle for a bag. 277,620, 2-19-85, Cl. D3-54.000.
- Parsons, Cynthia M.; and Maples, G. Michael. Smocking machine assembly. 281,978, 12-31-85, Cl. D15-69.000.
- Parsons, David E. J.; O'Reilly, Paul D.; and Crawford, Ronald H. Medical face mask. 277,513, 2-5-85, Cl. D29-8.000.
- Pashkov, Anatoly P.; Kipernik, Efim G.; Onischenko, Anatoly V.; Sakharov, Valentin S.; Kudryashev, Mikhail M.; Karpov, Oleg P.; Yavorsky, Illary A.; and Gizer, Boris V. Welding torch having a built-in smoke exhauster combination type. 279,543, 7-9-85, Cl. D8-30.000.
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- Patel, Manharbhai K.: *See*—
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- Patrick, James H. Seed planter. 280,067, 8-13-85, Cl. D8-2.000.
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  - Potts, Stella; and Patterson, Jane A., 279,751, Cl. D6-601.000.
- Patterson, Robert E., to M. P. H. Industries, Inc. Intrusion radar device. 278,215, 4-2-85, Cl. D10-106.000.
- Pattillo, John W.; and Pritchard, William S. Form for supporting plastic bags. 277,555, 2-12-85, Cl. D9-434.000.
- Paul Associates Inc.: *See*—
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  - Paul, Stanley M., 278,458, Cl. D23-25.000.
  - Paul, Stanley M., 279,213, Cl. D23-25.000.
  - Paul, Stanley M., 280,232, Cl. D23-25.000.
- Paul, Bernard A. Telephone. 277,180, 1-15-85, Cl. D14-53.000.
- Paul, Bernard A. Telephone. 281,973, 12-31-85, Cl. D14-53.000.
- Paul, Charles M.; and Crosby, Samuel C. Combined hinged lid and handle for a wheeled refuse cart. 277,898, 3-5-85, Cl. D34-11.000.
- Paul, Richard J., to Paul Associates Inc. Faucet set. 280,543, 9-10-85, Cl. D23-25.000.
- Paul, Stanley M., to Paul Associates Inc. Faucet set. 278,458, 4-16-85, Cl. D23-25.000.
- Paul, Stanley M., to Paul Associates Inc. Faucet set. 279,213, 6-11-85, Cl. D23-25.000.
- Paul, Stanley M., to Paul Associates, Inc. Faucet set. 280,232, 8-20-85, Cl. D23-25.000.
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  Heap, Jean W., 280,715, Cl. D11-158.000.
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Peyser, Irwin, to MV Corp. Combination jacket and carrier bag. 277,049, 1-8-85, Cl. D2-184.000.
Peyton, Calvin P. Air vent attachment for crash helmets. 279,515, 7-9-85, Cl. D2-233.000.
Pfeiffer, Harry J., Jr., to Chrisdon, Inc. Light switch housing. 281,682, 12-10-85, Cl. D13-25.000.
Pfeiffer Kinststofftechnik GmbH & Co. KG: *See—*
Menrad, Kurt, 281,054, Cl. D9-300.000.
Phares, James S.: *See—*
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Pharmacaps, Inc.: *See—*
Borkan, Florence; and Cafiero, Thomas A., 278,033, Cl. D9-437.000.
Borkan, Florence; and Cafiero, Thomas A., 281,582, Cl. D9-437.000.
Cafiero, Thomas A.; and Borkan, Florence, 278,034, Cl. D9-437.000.
Cafiero, Thomas A.; and Borkan, Florence, 281,583, Cl. D9-437.000.
Pharo, Daniel A. Figure toy. 279,808, 7-23-85, Cl. D21-155.000.
Philip Morris Incorporated: *See—*
Wiese, Lee, 279,908, Cl. D20-4.000.
Philips, Gerald: *See—*
Goldman, Jerome; Goldman, Marvin; Philips, Gerald; and Pesin, Joseph, 278,465, Cl. D30-12.000.
Goldman, Jerome; Goldman, Marvin; Philips, Gerald; and Pesin, Joseph, 279,317, Cl. D30-12.000.
Phillips Corporation, The: *See—*
George, Jimmy, 279,930, Cl. D28-49.000.
Phillips, Donald W. Shoe repair apparatus. 280,516, 9-10-85, Cl. D15-199.000.
Phillips, Kenneth J.: *See—*
Rose, Robert D., Jr.; and Phillips, Kenneth J., 281,834, Cl. D3-35.000.
Phonic Ear, Inc.: *See—*
Egan, Philip S.; Helmuth, Keld T.; Pimentel, Richard G.; and Soerensen, Tom B., 280,022, Cl. D24-35.000.
Phu, Oanh P. Octagonal cosmetic case with a drawer. 281,730, 12-10-85, Cl. D28-78.000.
Phu, Oanh P. Rectangular cosmetic case with a drawer. 281,731, 12-10-85, Cl. D28-83.000.
Physio-Control Corporation: *See—*
Benson, James A.; and Jones, Paul W., 277,602, Cl. D24-8.000.
Labuda, Lawrence L.; Linstad, Gregory A.; Jones, Paul W.; and Daynes, John C., 279,002, Cl. D14-6.000.
Lanci, Dennis M.; and Peters, Larry J., 278,426, Cl. D13-5.000.
Piaget, Gary: *See—*
Levy, Richard C.; Levy, Sheryl; and Piaget, Gary, 277,399, Cl. D21-112.000.
Pickens, Bobby S. Combined belt and tennis ball holder. 277,810, 3-5-85, Cl. D2-383.000.
Pickering & Company, Inc.: *See—*
Kuykendall, John; Frielingsdorf, Frank; and Hofer, Alan, 278,147, Cl. D14-28.000.
Pickford, David A.: *See—*
Schroder, Ernest W.; and Pickford, David A., 278,457, Cl. D23-2.000.
Pico-Glass S.p.A.: *See—*
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Picoy, Anthony R. Roman shade. 277,061, 1-8-85, Cl. D6-575.000.
Picozza, Augusto A., to Dart Industries Inc. Carrier with handle or the like. 277,256, 1-22-85, Cl. D7-394.000.
Picozza, Augusto A., to Dart Industries Inc. Hook or the like. 281,859, 12-24-85, Cl. D8-367.000.
Pierscinski, Leo C. Fowl roaster rack. 280,065, 8-13-85, Cl. D7-409.000.
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Turner, Timothy L.; and Pileggi, Frank R., 279,265, Cl. D9-438.000.
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Pines of America, Inc.: *See—*
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Pink, Kenneth W. Aquatic plant container. 279,278, 6-18-85, Cl. D11-143.000.
Pioneer Electronic Corp.: *See—*
Iijima, Takekazu, 281,596, Cl. D14-30.000.
Imai, Hirotaka, 281,970, Cl. D14-1.000.
Ishizaki, Hideaki, 281,158, Cl. D14-34.000.
Katsuno, Akira, 281,065, Cl. D14-30.000.
Katsuno, Akira, 281,067, Cl. D14-30.000.
Katsuno, Akira, 281,068, Cl. D14-30.000.
Kawachi, Manabu, 281,241, Cl. D14-30.000.
Kurata, Hideaki; Mikami, Kumio; Matsushima, Hiroshi; Wada, Isao; and Chikamatsu, Eiko, 281,877, Cl. D14-6.000.
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Nakamura, Hitoshi, 277,752, Cl. D14-34.000.
Ohtsuji, Tetsuo, 280,817, Cl. D14-30.000.
Takagi, You, 278,530, Cl. D14-30.000.
Takagi, You, 281,157, Cl. D14-30.000.
Yoshikawa, Katsuya, 279,183, Cl. D14-30.000.
Pipoly, Laraine. Novelty doll. 281,989, 12-31-85, Cl. D21-190.000.
Piretti, Giancarlo: *See—*
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Pisani, Arthur; and Pisani, Robert, to Cavalla, Inc. Lipstick. 278,750, 5-7-85, Cl. D28-4.000.
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Pisani, Arthur; and Pisani, Robert, 278,750, Cl. D28-4.000.
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Sherman, Benjamin; Burch, Jo E.; and Swan, Ralph M., 280,899, Cl. D14-109.000.
Swan, Ralph M.; Sherman, Benjamin; and Agard, Judith A., 280,624, Cl. D14-109.000.
Winters, Robert; and Arjani, Farouk, 280,820, Cl. D14-106.000.
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Plan Hold Corporation: *See—*
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Plastic Dress-Up Co.: *See—*
Bulone, Rego A., 280,889, Cl. D11-164.000.
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Larson, Craig A.; and Darr, Richard C., 281,577, Cl. D9-367.000.
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Platner, Joseph W., to American Standard Inc. Toilet. 280,759, 9-24-85, Cl. D23-65.000.
Platner, Joseph W. Lavatory. 281,450, 11-19-85, Cl. D23-58.000.
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Platner, Warren. Ottoman. 277,906, 3-12-85, Cl. D6-352.000.
Platner, Warren. Chair. 278,391, 4-16-85, Cl. D6-366.000.
Platner, Warren. Arm chair. 278,393, 4-16-85, Cl. D6-374.000.
Platner, Warren. Table. 279,634, 7-16-85, Cl. D6-487.000.
Platner, Warren. Sofa. 280,271, 8-27-85, Cl. D6-381.000.
Platner, Warren. Lounge chair. 280,786, 10-1-85, Cl. D6-366.000.
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Lindner, Daniel J.; Loeffler, Ronald L.; Fetty, Harold D.; and Plauny, Jeffrey L., 279,367, Cl. D12-149.000.
Plaut, Rudolf T. F., to Northmace Limited. Shelf unit. 281,041, 10-22-85, Cl. D6-567.000.
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Thorneburg, James L.; and Plawker, Ilan, 278,874, Cl. D6-517.000.
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Plessey Overseas Limited: *See—*
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Caven, Terence T., 278,339, Cl. D14-100.000.
Caven, Terence T., 278,536, Cl. D14-106.000.
Stoddard, John, 279,778, Cl. D14-62.000.
Plough, Inc.: *See—*
Kingsford, Ted I., 279,257, Cl. D9-338.000.
Kingsford, Ted I., 281,669, Cl. D9-338.000.
Plumb, Brad A. Beverage can lid. 278,888, 5-21-85, Cl. D9-449.000.
Plumb, N. Earl. Jack-type hoist for hoisting of logs. 281,113, 10-22-85, Cl. D34-31.000.
Pluto Furniture (Sales) Pty. Ltd.: *See—*
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PMT Inc.: *See—*
Van Beek, Allen L.; and Iversen, Alfred L., 278,314, Cl. D10-53.000.

Po, Chan K. Shoe. 281,457, 11-26-85, Cl. D2-310.000.
Pohlmann, Horst D., to Degussa Aktiengesellschaft. Combined inhalator and facial treatment vapor applicator mask for reservoir. 279,312, 6-18-85, Cl. D23-148.000.
Poland, Richard L. Inflatable belt. 279,141, 6-11-85, Cl. D2-385.000.
Polanish, Eugene. Brush applicator. 279,729, 7-23-85, Cl. D4-135.000.
Polar Electro Ky: *See—*
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Polaroid Corporation: *See—*
  Abate, Robert E., 280,994, Cl. D16-112.000.
  Conner, James M.; Costa, Peter F.; Ryan, James M; and Whiteside, George D., 279,574, Cl. D16-5.000.
Pollock, Charles R. Chair. 279,055, 6-4-85, Cl. D6-373.000.
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Polychrome Corporation: *See—*
  Bosshardt, William, 277,293, Cl. D18-13.000.
  Bosshardt, William, 277,294, Cl. D18-13.000.
Ponticelli, Pasco C. Adapter for mounting loudspeakers. 281,495, 11-26-85, Cl. D14-37.000.
Poole, Bobby M. Clam digging tool. 281,852, 12-24-85, Cl. D8-13.000.
Poon, Tit-Wing. Combined lamp and torch. 281,537, 11-26-85, Cl. D26-42.000.
Poore, Albert C. G., to Sterling-Drug, Inc. Container for liquids. 280,384, 9-3-85, Cl. D9-370.000.
Pope, Nicholas J., to Dunlop Limited. Shoe sole. 281,462, 11-26-85, Cl. D2-320.000.
Poque, Dionysius J.; and Zinnen, Norbert, to Uniroyal Englebert Reifen GmbH. Tire. 281,151, 10-29-85, Cl. D12-147.000.
Porat, Reuven; and Tzola, David, to Iscar Ltd. Cutting insert for a tool holder. 280,514, 9-10-85, Cl. D15-139.000.
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  Cooke, Kenneth R.; and Porcelli, Vito L., 277,378, Cl. D14-63.000.
  Cooke, Kenneth R.; and Porcelli, Vito L., 277,379, Cl. D14-63.000.
  Cooke, Kenneth R.; and Porcelli, Vito L., 277,571, Cl. D14-60.000.
  Cooke, Kenneth R.; and Porcelli, Vito L., 277,958, Cl. D14-60.000.
  Cooke, Kenneth R.; and Porcelli, Vito L., 279,777, Cl. D14-60.000.
Porta, Barbara G., to Valley Head Farms. Door knocker or similar article. 281,394, 11-19-85, Cl. D8-401.000.
Porta Systems Corp.: *See—*
  Neuwirth, Helmuth; and Rubio, George S., 279,897, Cl. D14-59.000.
Portage Electric Products, Inc.: *See—*
  Givler, Omar, 281,240, Cl. D13-34.000.
Portavideo Entertainment Group, Inc.: *See—*
  Thrush, Ted K., 281,200, Cl. D3-33.000.
Portec Inc.: *See—*
  Tatina, Richard A., 278,171, Cl. D34-33.000.
Porucznik, Paul: *See—*
  Franek, Jozef T.; and Porucznik, Paul, 280,705, Cl. D9-349.000.
  Franek, Jozef T.; and Porucznik, Paul, 280,706, Cl. D9-352.000.
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  Fudala, Walter N.; and Hatcher, David O., 279,441, Cl. D6-474.000.
Pota, Joseph. Front panel for refrigerator or similar article. 281,327, 11-12-85, Cl. D15-81.000.
Potts, Curtis R. Skillet or similar article. 276,971, 1-1-85, Cl. D7-352.000.
Potts, Stella; and Patterson, Jane A. Pillow. 279,751, 7-23-85, Cl. D6-601.000.
Pourtout, Marie-Annick H., to Courreges Parfums. Bottle. 279,079, 6-4-85, Cl. D9-410.000.
Powell, Edward A., Jr., to Miller Manufacturing Company. Cooler box. 278,502, 4-23-85, Cl. D7-77.000.
Powell, Patrick L., to Standard Car Truck Company. Hubodometer design. 278,132, 3-26-85, Cl. D10-98.000.
Power Controls Corp.: *See—*
  Stevens, James T., 281,580, Cl. D9-415.000.
Power, John J.; and Washington, Gerald T., to Swingline Inc. Stapler. 277,162, 1-15-85, Cl. D8-50.000.
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Powers, Michael V.: *See—*
  Peavey, Hartley D.; and Powers, Michael V., 278,155, Cl. D17-20.000.
  Peavey, Hartley D.; and Powers, Michael V., 278,349, Cl. D17-20.000.
Powers, Robert B.: *See—*
  Thornton, Hugh P., Jr.; and Powers, Robert B., 279,769, Cl. D10-106.000.
  Thornton, Hugh P., Jr.; and Powers, Robert B., 279,872, Cl. D10-106.000.
Powers, Ronald H., to Creative Powers, Inc. Motorcycle rack. 279,973, 8-6-85, Cl. D12-158.000.
Powers, Sidney A.; Rosenthal, Gordon; and Stirling, William V., to Fairchild Industries, Inc. Aircraft. 278,700, 5-7-85, Cl. D12-342.000.
Pozzi, Ambrogio, to F.lli Guzzini S.p.A. Bowl. 279,532, 7-9-85, Cl. D7-21.000.
Pozzi, Ambrogio, to F.lli Guzzini S.p.A. Combined hors-d'oeuvre serving tray and dishes. 281,564, 12-3-85, Cl. D7-3.000.
Pozzi, Bruno. Ball hitting racquet. 278,073, 3-19-85, Cl. D21-210.000.
Prager, Jay M.; and Gonzales, Roman Y., to Gould Inc. Housing for a central processing unit. 278,897, 5-21-85, Cl. D13-40.000.
Prager, Jay M.; Gonzales, Roman Y.; and Ault, Charles M., to Gould Inc. Input/output module for programmable controller. 281,493, 11-26-85, Cl. D13-40.000.
Prahs, Harald, to Colgate-Palmolive Company. Bottle. 278,681, 5-7-85, Cl. D9-378.000.
Pratt, Clyde R.; and Carignan, Roger G., to Techmedica, Inc. Medical staple holder. 280,550, 9-10-85, Cl. D24-27.000.
Pratt, Clyde R.; and Carignan, Roger G., to Techmedica, Inc. Osteotomy staple. 281,814, 12-17-85, Cl. D24-27.000.
Pratt, Thomas A., to FMC Corporation. Three wheel street sweeper with high dump hopper. 281,633, 12-3-85, Cl. D32-16.000.
Pratt, Thomas A., to FMC Corporation. Three wheel street sweeper with low dump hopper. 281,634, 12-3-85, Cl. D32-16.000.
Prawl, William F. Safety stand for use in association with hydraulic lift. 281,199, 10-29-85, Cl. D34-28.000.
Precor Incorporated: *See—*
  Smith, David B.; and Miller, Randolph F., 279,206, Cl. D21-194.000.
  Smith, David B., 280,002, Cl. D21-192.000.
  Smith, David B.; Miller, Randolph F.; and Moore, John M., 280,923, Cl. D21-194.000.
Preferred Services, Ltd.: *See—*
  DeGregorio, Anthony, 277,971, Cl. D21-59.000.
Pregon, Gerald M. Hand form for holding a golf glove or the like. 280,743, 9-24-85, Cl. D20-33.000.
Preisler, James M.; and Stahel, Alwin J., to Drag Specialties, Inc. Combined air dam and headlight mounting for motorcycle. 279,662, 7-16-85, Cl. D12-114.000.
Preisler, James M.; and Stahel, Alwin J., to Drag Specialties, Inc. Panel or flush mountable vehicular light fixture. 279,927, 7-30-85, Cl. D26-35.000.
Preisler, James M.; and Stahel, Alwin J., to Drag Specialties, Inc. Combined motorcycle trim rail and lighting unit. 280,310, 8-27-85, Cl. D12-114.000.
Preisler, James M., to Drag Specialties, Inc. License plate frame. 280,610, 9-17-85, Cl. D12-193.000.
Preisler, James M.; Stahel, Alwin J.; and Rudd, Thomas H., to Drag Specialties, Inc. Motorcycle carburetor and wire cover. 281,593, 12-3-85, Cl. D12-126.000.
Prescolite: *See—*
  Roszel, Lynn, 280,195, Cl. D13-32.000.
Presentation Vehicles, Ltd.: *See—*
  Wolbrom, Irving M., 279,224, Cl. D28-7.000.
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  Norin, Mats; and Hanses, Ulf, 279,545, Cl. D8-51.000.
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  Mackay, Spencer L.; Price, Cleophus, Jr.; and Fechtner, Harold F., 277,127, Cl. D23-7.000.
Price, Gary H. Tail piece for a banjo. 277,869, 3-5-85, Cl. D17-21.000.
Price, Kenneth E. Combined filter and vacuum head for cleaning underwater surfaces. 279,227, 6-11-85, Cl. D32-31.000.
Prime Computer, Inc.: *See—*
  Marino, Jerry C.; and Collins, Steven W., 280,509, Cl. D14-102.000.
  Marino, Jerry C.; and Desilets, David E., 281,607, Cl. D14-106.000.
Primoff, Eugene H. Religious medal. 278,320, 4-9-85, Cl. D11-96.000.
Primucci, Joseph, to Mirolin Industries, Inc. Combined bathtub and shower enclosure. 281,448, 11-19-85, Cl. D23-49.000.
Prince Corporation: *See—*
  Cody, Michael J., 281,413, Cl. D12-191.000.
Prince, Terry B.: *See—*
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Pringle, Larry E.; and Franklin, Marsha S. Hanging lighter holder with clipper. 278,369, 4-9-85, Cl. D28-60.000.
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  Pattillo, John W.; and Pritchard, William S., 277,555, Cl. D9-434.000.
Pritzker, Joseph. Protective container for a computer floppy disk. 277,522, 2-12-85, Cl. D3-35.000.
Pro-Tex Limited Partnership: *See—*
  Fay, James P., Sr.; and Fay, James P., Jr., 281,666, Cl. D9-300.000.
Procter & Gamble Company, The: *See—*
  Aldrich, Thomas B., III; and Torongo, Albert H., Jr., 277,733, Cl. D9-376.000.
  Beechuk, Timothy J., 279,452, Cl. D9-355.000.
  Beechuk, Timothy J.; and Neu, Edwin F., 279,453, Cl. D9-376.000.
  Beechuk, Timothy J.; Damron, Max E.; and Vanderman, Ralph B., 280,292, Cl. D9-355.000.
  Beechuk, Timothy J.; and Neu, Edwin F., 281,863, Cl. D9-389.000.
  Blocksom, Dutro; and DuPree, John C., 279,261, Cl. D9-386.000.
  Campbell, Paul R.; Dilgard, Robert E., Jr.; and O'Neil, William J., Jr., 277,550, Cl. D9-349.000.
  Hafer, Carl W.; and Schwoeppe, Eric S., 280,298, Cl. D9-434.000.
Product Masters, Inc.: *See—*
  Fuller, Kip L., 278,761, Cl. D2-381.000.
Progin, Maurice. Clock. 278,035, 3-19-85, Cl. D10-7.000.
Progin, Maurice. Clock. 278,313, 4-9-85, Cl. D10-23.000.
Prommer, Walter. Mold for making ice cubes. 281,882, 12-24-85, Cl. D15-90.000.
Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., to Carousel Group, Inc., The. Tray. 278,113, 3-26-85, Cl. D7-27.000.
Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., to Carousel Group, Inc., The. Tray. 278,114, 3-26-85, Cl. D7-38.000.

Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., to Carousel Group, Inc., The. Food storage system. 280,965, 10-15-85, Cl. D7-81.000.
Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., to Carousel Group, Inc., The. Food storage system. 280,966, 10-15-85, Cl. D7-81.000.
Protector Safety Industries Limited: *See—*
  Higginson, John B., 277,425, Cl. D2-231.000.
  Schremmer, Paul M., 281,507, Cl. D16-102.000.
Protto, Gary F. Cold weather neck cover. 278,854, 5-21-85, Cl. D2-343.000.
Provan, Alexander R., to Mobil Oil Corporation. Plastic bag holding rack. 280,871, 10-8-85, Cl. D6-462.000.
Provan, William R.; and Allard, Douglas P., to Central States Concrete Products, Inc. Precast drain inlet. 280,126, 8-13-85, Cl. D23-45.000.
Provo Steel and Supply Company: *See—*
  Shaw, Stanford E., 277,627, Cl. D6-574.000.
  Shaw, Stanford E., 277,628, Cl. D6-514.000.
Pruefer, Erwin, to Aoco Limited/Limitee. Eyepiece for gas masks. 278,087, 3-19-85, Cl. D29-9.000.
Pruneau, Diane: *See—*
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  Thom, Richard S., 279,985, Cl. D14-111.000.
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PTC Aerospace Inc.: *See—*
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Puckett, William E.; and Adams, Ladd M., to Smart Start Corporation. Apparatus for charging the batteries of stalled vehicles. 278,047, 3-19-85, Cl. D13-5.000.
Pudwill, Horst, to Continental Engineering Products Co., Ltd. Portable vacuum cleaner. 280,034, 8-6-85, Cl. D32-24.000.
Pudwill, Horst, to Continental Engineering Products Co., Ltd. Portable vacuum cleaner. 280,142, 8-13-85, Cl. D32-18.000.
Pulichino, John; Bomes, Harvey J.; Migliore, John J.; Smith, Lonnie M.; and Schmitt, Wayne, to American Tourister, Inc. Luggage. 279,142, 6-11-85, Cl. D3-71.000.
Pulichino, John: *See—*
  Bomes, Harvey; Pulichino, John; Carpenter, Lester E.; and Wickman, John A., 280,680, Cl. D3-76.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 280,783, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 280,865, Cl. D3-48.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 280,866, Cl. D3-48.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Migliore, John, 281,122, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,465, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,547, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Barber, Jack; and Bell, Max, 281,645, Cl. D3-48.000.
  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,646, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,647, Cl. D3-71.000.
  Bomes, Harvey; Pulichino, John; Migliore, John; and Barber, Jack, 281,648, Cl. D3-71.000.
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Rademacher, Manfred. Faucet handle. 279,597, 7-9-85, Cl. D23-28.000.
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  - Hashimoto, Masanori, 280,724, Cl. D14-111.000.
  - Hikawa, Koji, 278,435, Cl. D14-101.000.
  - Nakade, Kenichi, 280,631, Cl. D16-31.000.
  - Nakade, Kenichi, 280,632, Cl. D16-31.000.
  - Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, 278,346, Cl. D16-31.000.
  - Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, 278,825, Cl. D16-32.000.
  - Saito, Yasuhiro, 280,633, Cl. D16-31.000.
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  - Soda, Koichi, 280,204, Cl. D16-8.000.
  - Yamamoto, Toshio, 281,256, Cl. D18-13.000.
- Ridenour, Norman H. Chair. 278,105, 3-26-85, Cl. D6-379.000.
- Ridgley, Brad J. Vitamin pill dispenser. 279,864, 7-30-85, Cl. D9-341.000.
- Riehm, Merry S., to Quaker Oats Company, The. Loom. 279,011, 5-28-85, Cl. D15-66.000.
- Rieser, Robert. Clothes hanger. 278,866, 5-21-85, Cl. D6-319.000.
- Rimball, Inc.: *See—*
  - Offutt, James C., 277,884, Cl. D21-201.000.
- Rinaldi, Joseph A.; Meeker, Paul K.; and Kochte, Werner W., to Scott & Fetzer Company, The. Vacuum cleaner. 279,513, 7-2-85, Cl. D32-18.000.
- Rinaldo Piaggio S.p.A.: *See—*
  - Mazzoni, Alessandro, 280,892, Cl. D12-332.000.
- Rind, Bruce. Airway. 280,021, 8-6-85, Cl. D24-34.000.
- Ring King Visibles, Inc.: *See—*
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- Ringer, Billy R., Sr., to Crestmont Corporation. Computer paper feeder. 279,582, 7-9-85, Cl. D18-22.000.
- Rinn Corporation: *See—*
  - Sico, Nicholas J., Jr., 281,353, Cl. D24-2.000.
- Ripley, Wayne H. Ice making machine. 277,103, 1-8-85, Cl. D15-80.000.
- Risch, Murray J.: *See—*
  - Bain, Leroy D.; and Risch, Murray J., 278,554, Cl. D24-17.000.
- Risdon Corporation: *See—*
  - Holloway, Thomas F., 280,032, Cl. D28-89.000.
  - Holloway, Thomas F., 280,141, Cl. D28-89.000.
- Risi, Angelo; and Risi, Antonio. Header for cribbing. 279,030, 5-28-85, Cl. D25-80.000.
- Risi, Angelo; and Risi, Antonio. Stretcher for cribbing. 280,024, 8-6-85, Cl. D25-80.000.
- Risi, Antonio: *See—*
  - Risi, Angelo; and Risi, Antonio, 279,030, Cl. D25-80.000.
  - Risi, Angelo; and Risi, Antonio, 280,024, Cl. D25-80.000.
- Ristow, Gordon. Spool and bobbin rack. 277,334, 1-29-85, Cl. D3-25.000.
- Ritchey, William D. Tie rack or the like. 279,730, 7-23-85, Cl. D6-327.000.
- Rittenhouse, James M., to Conair Corporation. Hair dryer. 277,613, 2-12-85, Cl. D28-13.000.
- Rittenhouse, James M.; and Stewart, James B., to Conair Corporation. Hair dryer. 278,085, 3-19-85, Cl. D28-13.000.
- Rittenhouse, James M., to Conair Corporation. Retractable bristle brush. 280,954, 10-15-85, Cl. D4-128.000.
- Rittenhouse, James M., to Conair Corporation. Detachable handle for personal care appliances. 281,020, 10-15-85, Cl. D28-18.000.
- Rittenhouse, James M.; and Stewart, James B., to Conair Corporation. Hair brush. 281,021, 10-15-85, Cl. D28-29.000.
- Rittenhouse, James M., to Conair Corporation. Curling iron. 281,022, 10-15-85, Cl. D28-35.000.
- Rittenhouse, James M.; and Stewart, James B., to Conair Corporation. Curling iron. 281,023, 10-15-85, Cl. D28-35.000.
- Rittenhouse, James M.; and Leung, Anthony, to Conair Corporation. Carrying case for a hair curler. 281,024, 10-15-85, Cl. D28-38.000.
- Rittenhouse, James M., to Conair Corporation. Heated hair brush. 281,105, 10-22-85, Cl. D28-35.000.
- Rittenhouse, James M.: *See—*
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  - Doyle, Edward J.; and Rittenhouse, James M., 280,128, Cl. D23-149.000.
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  - Eyck, Richard T.; Fee, Robert W.; Robbins, Richard J.; and Liu, Shau-Min, 279,956, Cl. D7-354.000.
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- Rivette, Denni F.; Wildman, John R.; and Breslow, Jeffrey D., to Marvin Glass & Associates. Telephone. 279,673, 7-16-85, Cl. D14-53.000.
- Rivette, Denni F.; and Disko, Harry, to Marvin Glass & Associates. Telephone. 281,686, 12-10-85, Cl. D14-53.000.
- Riviezzo, Tony L., to Holiday Rambler Corporation. Boat motor compartment. 280,094, 8-13-85, Cl. D12-318.000.
- Rivkin, Bernard W.; and Leaf, Charles R., to P.P.M.D. Hanger. 278,576, 4-30-85, Cl. D6-317.000.
- Rivollet, Marc, to Etablissements Fernand Berchet. Toy boat. 277,591, 2-12-85, Cl. D21-130.000.
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Robbins, Richard J.; Fee, Robert W.; Miller, Vernon R.; and Hatch, Edwin B., to Brunswick Corporation. Fishing reel. 280,540, 9-10-85, Cl. D22-25.000.

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Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,278, Cl. D6-508.000.
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Robinson, Earl F., to C. R. Bard, Inc. Terminal connector. 279,669, 7-16-85, Cl. D13-24.000.

Robinson, Edgar A., to Donaldson Company, Inc. Filter for a computer disk drive assembly. 281,163, 10-29-85, Cl. D14-109.000.

Robinson, Lawrence D., Jr. Cap. 281,733, 12-17-85, Cl. D2-244.000.

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Roch, Gerald V., to Hurco Manufacturing Co., Inc. Bed-type milling machine. 277,104, 1-8-85, Cl. D15-131.000.

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Roczey, Edward L. Lap mounted adjustable tray. 281,937, 12-31-85, Cl. D6-406.000.

Rodgers, Bettye G. Thread dispenser/pleater platform. 280,148, 8-20-85, Cl. D3-25.000.

Rodis-Jamero, Nilo D., to Lucasfilm, Ltd. Toy figure. 277,207, 1-15-85, Cl. D21-148.000.

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Rodrigues-Quiros, Vincente; and Lopez-Montalvo, Edwin. Blade for a garden implement. 279,541, 7-9-85, Cl. D8-11.000.

Rodrigues-Quiros, Vincente. Blade for a garden implement. 279,542, 7-9-85, Cl. D8-11.000.

Rodrigues, Theodore E. Carrying case for a camera and accessories. 281,463, 11-26-85, Cl. D3-33.000.

Rodrigues, Theodore E. Carrying case for a camera and accessories. 281,740, 12-17-85, Cl. D3-33.000.

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Bayly, Peter K., 278,486, Cl. D6-368.000.
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Rosalgino, Visconti, to Nuova Faema S.p.A. Espresso coffee machine. 281,943, 12-31-85, Cl. D7-309.000.

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Rosenbaum, Richard J. Portable infant phototherapy light. 279,926, 7-30-85, Cl. D24-68.000.

Rosenberg, William L. Door plate. 281,705, 12-10-85, Cl. D20-15.000.

Rosenblad, Lars G., to Husqvarna Aktiebolag. Sewing machine. 277,007, 1-1-85, Cl. D15-69.000.

Rosenblad, Lars G., to Husqvarna Aktiebolag. Sewing machine. 278,437, 4-16-85, Cl. D15-68.000.

Rosenstein, Florence. Plastic threaded cover for a container. 278,602, 4-30-85, Cl. D9-449.000.

Rosensweig, Burton J.; Bingham, George H.; and Krupotich, Edward A., to Omation Corporation. Envelope power conveyor stacker. 278,250, 4-2-85, Cl. D18-22.000.

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Ross, Robert M. Portable orthopedic back rest. 279,642, 7-16-85, Cl. D6-596.000.

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Rossi, Rosemarie A. Simulative toy bank. 280,774, 9-24-85, Cl. D99-41.000.

Rossin, Steven J. Food bowl. 279,949, 8-6-85, Cl. D7-23.000.

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    Zimmermann, Anso, 281,570, Cl. D7-321.000.
    Zimmermann, Anso, 281,757, Cl. D7-321.000.
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Routzong, James E.; and Ventura, Frank D., to CPG Products Corp. Toy dragon. 281,799, 12-17-85, Cl. D21-148.000.
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Routzong, James E.; and Ventura, Frank D., to CPG Products Corp. Toy monster. 281,890, 12-24-85, Cl. D21-174.000.
Rowland, David L. Tablet-arm chair. 280,681, 9-24-85, Cl. D6-338.000.
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Runzi, Kurt. Paper feed mechanism for a printer, typewriter, or the like. 277,872, 3-5-85, Cl. D18-12.000.
Russell, Bruce R. Foot scrubber. 280,868, 10-8-85, Cl. D4-118.000.
Russell, Gerald B. Single-rail motorcycle trailer. 281,312, 11-12-85, Cl. D12-101.000.
Ruter, Lewis L. Oil filler cap. 280,726, 9-24-85, Cl. D15-5.000.
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Rutyna, Charles G.; and O'Shea, Thomas P. Hat. 280,947, 10-15-85, Cl. D2-248.000.
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Ryan, Delvin R., Jr., to Ingrid, Ltd. Portable beverage cooler. 281,694, 12-10-85, Cl. D15-77.000.
Ryan, Delvin R., Jr., to Ingrid, Ltd. Portable cooler. 281,695, 12-10-85, Cl. D15-77.000.
Ryan, Desmond J., to Northern Telecom Limited. Housing for a telecommunications handset. 279,004, 5-28-85, Cl. D14-63.000.
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    Sakamoto, Masakazu; and Shohoji, Takeshi, 277,694, Cl. D22-25.000.
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Saari, Timothy J., to Jack Carmichael Advertising, Inc. Inflatable dome hat. 278,381, 4-16-85, Cl. D2-244.000.
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Sadashima, Tsuguyoshi, to Matsushita Electric Industrial Co., Ltd. Electrically operated fishline tier. 281,348, 11-12-85, Cl. D22-31.000.
Sadler, Kenneth G., to Ofrex Group Limited. Document shredder. 277,190, 1-15-85, Cl. D15-127.000.
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Sager, Richard A., to P.T.L. Engineering. Drafting template. 278,068, 3-19-85, Cl. D19-37.000.
Sahota, Harvinder. Hemostat. 281,197, 10-29-85, Cl. D24-17.000.
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  Dinand, Pierre, 280,386, Cl. D9-403.000.
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Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, to Ricoh Company, Ltd. Electrostatic copier. 278,346, 4-9-85, Cl. D16-31.000.
Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, to Ricoh Company, Ltd. Document feeder for copying machine. 278,825, 5-14-85, Cl. D16-32.000.
Saito, Yasuhiro, to Ricoh Company, Ltd. Electrostatic copying machine. 280,633, 9-17-85, Cl. D16-31.000.
Saito, Yasuhiro; Goto, Tetsuya; and Umino, Toshio, to Ricoh Company, Ltd. Sorter for copying machine. 280,635, 9-17-85, Cl. D16-32.000.
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Sakaki, Nobuyuki, to Dunlop Limited. Tire for a vehicle wheel. 277,091, 1-8-85, Cl. D12-136.000.
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Sakamoto, Junichi, to Sharp Corporation. Telephone acoustic coupler base. 279,184, 6-11-85, Cl. D14-57.000.
Sakamoto, Junichi, to Sharp Corporation. Data input/output unit for computer. 279,676, 7-16-85, Cl. D14-100.000.
Sakamoto, Junichi, to Sharp Corporation. Computer display. 280,407, 9-3-85, Cl. D14-113.000.
Sakamoto, Junichi, to Sharp Corporation. Processor unit for use with computers. 280,410. 9-3-85, Cl. D14-100.000.
Sakamoto, Junichi, to Sharp Corporation. Computer input unit. 280,411, 9-3-85, Cl. D14-100.000.
Sakamoto, Junichi, to Sharp Corporation. Printer. 280,412, 9-3-85, Cl. D14-111.000.
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Sakamoto, Masakazu; Tanibe, Shozo; and Mimura, Takashi, to Ryobi Limited. Printing machine. 277,767, 2-26-85, Cl. D18-13.000.
Sakamoto, Masakazu; Numata, Teruhisa; and Monobe, Juzaburo, to Ryobi Ltd. Portable electric drill. 280,797, 10-1-85, Cl. D8-68.000.
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- Sanderson, George N.: *See—*
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- Sandy, Hal D. Merchandise display rack. 278,671, 5-7-85, Cl. D6-474.000.
- Sanford, Gregg A. Building. 280,439, 9-3-85, Cl. D25-11.000.
- Sani-Fresh International, Inc.: *See—*
  - Frassanito, John R., 281,123, Cl. D4-114.000.
- Santi, Carlo, to Rubinetterie Stella S.p.A. Shower head. 281,192, 10-29-85, Cl. D23-35.000.
- Santoiemma, Carl V., to Norcarl Products, Inc. Beverage dispenser. 280,691, 9-24-85, Cl. D7-312.000.
- Santy, Arthur F.: *See—*
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  - Kawasaki, Kozo; and Katada, Hiroyuki, 281,604, Cl. D14-83.000.
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- Sarajian, Armen G. Dental work case. 280,015, 8-6-85, Cl. D24-10.000.
- Sargent, John P. Guitar. 279,478, 7-2-85, Cl. D17-18.000.
- Sarges, Karl A., to U.S. Philips Corporation. Combined automobile tape player and radio receiver. 279,000, 5-28-85, Cl. D14-5.000.
- Sarkis, Alexander, Jr: *See—*
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- Sarnelli, Judith A. Riding saddle. 278,277, 4-2-85, Cl. D30-20.000.
- Sarnelli, Judith A. Saddle. 280,668, 9-17-85, Cl. D30-20.000.
- Saros, Stephen: *See—*
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- Sasaki, Kouichi, to Honda Giken Kogyo Kabushiki Kaisha. Powered agricultural appartus. 281,610, 12-3-85, Cl. D15-12.000.
- Sassak, John J. Amusement ride. 277,975, 3-12-85, Cl. D21-242.000.
- Satake, Noriko, to Sharp Corporation. Electronic printer with calculator. 279,104, 6-4-85, Cl. D18-2.000.
- Satake, Noriko, to Sharp Corporation. Desk electronic computer. 279,188, 6-11-85, Cl. D14-100.000.
- Sato, Ichiro: *See—*
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  - Sakamoto, Motoaki; Sato, Ichiro; and Takatsuka, Sadao, 277,929, Cl. D14-58.000.
- Sato, Shosuke: *See—*
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- Sato, Stephens N., to Camino Laboratories. Storage well for clinical temperature probe and electrode. 277,832, 3-5-85, Cl. D10-60.000.
- Sato, Yoshiyuki; and Hoshino, Kiyoshi, to Ryobi Limited. Electric drill. 279,862, 7-30-85, Cl. D8-61.000.
- Satoh, Kazuhisa. Set of molecular model construction pieces. 278,834, 5-14-85, Cl. D19-62.000.
- Satoh, Takahiro: *See—*
  - Hirose, Toshikatsu; Ishikawa, Teruo; Satoh, Takahiro; and Shigeta, Yoshitaka, 281,319, Cl. D14-80.000.
- Satterelli, Joanne, to National Child Safety Council. Pendant medical microfilm reader. 278,609, 4-30-85, Cl. D11-2.000.
- Sauter, Daniel S., to Trans World Airlines, Inc. Aircraft passenger seat. 281,471, 11-26-85, Cl. D6-356.000.
- Savitz, Steven R.; Hawk, Johnna B.; Graham, Henry A., Jr.; and Chachowski, Rosemary K., to Ortho Diagnostic Systems Inc. Centrifuge tube for separating and washing red blood cells. 278,653, 4-30-85, Cl. D24-22.000.
- Sawa, Shuzo: *See—*
  - Hazama, Shigetoshi; Sawa, Shuzo; Ikeda, Matafumi; and Esaki, Akira, 277,600, Cl. D23-123.000.
- Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, to Sharp Corporation. Printing calculator. 278,156, 3-26-85, Cl. D18-7.000.
- Sawada, Masaji, to Sharp Corporation. Electronic calculator. 279,105, 6-4-85, Cl. D18-7.000.
- Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, to Sharp Corporation. Desk-top calculator. 279,106, 6-4-85, Cl. D18-7.000.
- Sawada, Masaji, to Sharp Corporation. Printing calculator. 279,108, 6-4-85, Cl. D18-7.000.
- Sawada, Masaji; Hayashi, Shigeaki; Sakaguchi, Hiroshi; and Yamada, Kazuo, to Sharp Corporation. Electronic printing calculator. 280,209, 8-20-85, Cl. D18-7.000.
- Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, to Sharp Corporation. Printing calculator. 281,435, 11-19-85, Cl. D18-7.000.
- Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, to Sharp Corporation. Electronic printing calculator. 281,886, 12-24-85, Cl. D18-7.000.
- Sawada, Masaji: *See—*
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  - Brooks, Leonard J., Jr.; and Sawyer, Richard C., Jr., 280,500, Cl. D13-13.000.
  - Serfas, Jonathan D.; and Sawyer, Richard C., Jr., 280,598, Cl. D8-397.000.
- Saxman, D. Scott; and Ziegler, William H., Jr., to Brown Group Recreational Products, Inc. Children's climber and swing support. 281,992, 12-31-85, Cl. D21-245.000.
- Saynajakangas, Seppo J., to Polar Electro Ky. Pulse transmitter. 278,746, 5-7-85, Cl. D24-17.000.
- Scanlan International, Inc.: *See—*
  - Scanlan, Timothy M., 278,654, Cl. D24-27.000.
  - Scanlan, Timothy M., 281,721, Cl. D24-28.000.
- Scanlan, Timothy M., to Scanlan International, Inc. Anastomosis frame. 278,654, 4-30-85, Cl. D24-27.000.
- Scanlan, Timothy M., to Scanlan International, Inc. Surgical punch. 281,721, 12-10-85, Cl. D24-28.000.
- Scappaticci, Brian A., to IVAC Corporation. Combined bottom cap and drop former with a sensor-mounting flange for an I.V. burette chamber. 278,655, 4-30-85, Cl. D24-52.000.
- Schade, Hans U., to Elektro-Warmetechnik Siegfried Petz Co. Fan-forced heater. 277,130, 1-8-85, Cl. D23-122.000.
- Schaefer, George E.: *See—*
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- Schaefer, Henry A.: *See—*
  - Huntington, Robert R.; and Schaefer, Henry A., 277,662, Cl. D13-5.000.
- Schaffer, Henry. Animal dropping clean-up scoop for use with a disposable plastic bag. 279,512, 7-2-85, Cl. D30-99.000.
- Schaller, Pierre A., to Manufacture Metallurgique de Tournus, S.A. Stackable cookpot. 281,214, 11-5-85, Cl. D7-356.000.
- Schechter, Alvin H.; and Svezia, John, to R. J. Reynolds Tobacco Company. Cigarette package. 279,507, 7-2-85, Cl. D27-47.000.
- Schefer, Eli I., to Revlon, Inc. Cosmetic compact. 277,419, 1-29-85, Cl. D28-82.000.
- Schefer, Eli I., to Revlon, Inc. Cosmetic compact. 277,790, 2-26-85, Cl. D28-82.000.
- Schefer, Eli I., to Revlon, Inc. Cosmetic compact. 277,791, 2-26-85, Cl. D28-82.000.
- Schefer, Eli I., to Revlon, Inc. Cosmetic compact. 280,450, 9-3-85, Cl. D28-78.000.
- Scheid, William J., to Motorola, Inc. Portable terminal or similar article. 278,341, 4-9-85, Cl. D14-100.000.
- Scheid, William J.; and Toth, Richard J., to Motorola, Inc. Radio pager or similar article. 278,905, 5-21-85, Cl. D14-68.000.
- Scheid, William J.; and Steinbugler, Robert E., to Motorola, Inc. Portable terminal or similar article. 278,908, 5-21-85, Cl. D14-100.000.
- Scheid, William J.; Toth, Richard J.; and Brinkerhoff, James W., to Motorola, Inc. Microphone or similar article. 280,323, 8-27-85, Cl. D14-12.000.
- Scheid, William J.; and Toth, Richard J., to Motorola, Inc. Battery or similar article. 280,717, 9-24-85, Cl. D13-8.000.
- Scheid, William J., to Motorola, Inc. Display pager receiver single unit charger or similar article. 281,064, 10-22-85, Cl. D13-6.000.
- Scheid, William J.: *See—*
  - Eckmann, John A.; Krumin, Donald K.; Toth, Richard J.; and Scheid, William J., 277,753, Cl. D14-70.000.
- Scheiwiller, Rolf. Paving stone. 278,934, 5-21-85, Cl. D25-86.000.
- Scheiwiller, Rolf. Paving stone. 278,935, 5-21-85, Cl. D25-86.000.
- Scheller, Melvin H., to Roller Derby Skate Corporation. Roller skate chasis. 278,925, 5-21-85, Cl. D21-226.000.
- Scheller, Terry. Belt pouch. 280,357, 9-3-85, Cl. D2-400.000.
- Scheller, Terry. Belt pouch. 280,673, 9-24-85, Cl. D2-400.000.
- Schenkel, Lotte; and Fankhauser, Peter, to ALZA Corporation. Bandage. 278,363, 4-9-85, Cl. D24-49.000.
- Scher, Wesley. Automobile fender skirt ornament. 278,621, 4-30-85, Cl. D12-190.000.
- Scheurer, Robert S.; and Scheurer, Stephen. Seat cushion. 280,259, 8-27-85, Cl. D6-596.000.
- Scheurer, Stephen: *See—*
  - Scheurer, Robert S.; and Scheurer, Stephen, 280,259, Cl. D6-596.000.
- Schick, George L.: *See—*
  - Ferraris, John T.; Billick, James E.; and Schick, George L., 280,768, Cl. D32-23.000.
- Schield, Israel: *See—*
  - Urbano, Joseph V.; Klein, Jeshayahu; and Schield, Israel, 280,415, Cl. D16-17.000.
- Schiffmacher, William M., to Aspen Ribbons, Inc. Printer ribbon cartridge. 281,258, 11-5-85, Cl. D18-22.000.
- Schildknecht, Mary J. Toothpaste container. 279,548, 7-9-85, Cl. D9-307.000.

- Schiller, James P. Pry bar. 277,359, 1-29-85, Cl. D8-89.000.
- Schillke, Peter: *See—*
  - Bootman, Matthew W.; Schillke, Peter; and Laguette, Stephen W., 280,023, Cl. D24-56.000.
- Schimmel, Otto K., to Amba Marketing Systems, Inc. Handbag. 280,679, 9-24-85, Cl. D3-53.000.
- Schimmel, Otto K., to Amba Marketing Systems, Inc. Handbag. 281,201, 11-5-85, Cl. D3-53.000.
- Schindler, Paul. Combined toothpick and floss holder. 279,826, 7-23-85, Cl. D28-64.000.
- Schinella, John R., to General Motors Corporation. Luggage carrier assembly. 280,983, 10-15-85, Cl. D12-157.000.
- Schinella, John R., to General Motors Corporation. Wheel cover. 281,491, 11-26-85, Cl. D12-211.000.
- Schlagheck, Norbert, to AGFA-Gevaert A.G. Print unit for use with film reproducer. 277,288, 1-22-85, Cl. D16-27.000.
- Schlesinger, Norman H. Portable wine bar. 280,483, 9-10-85, Cl. D7-308.000.
- Schlick, Claude T. Soap cake. 277,895, 3-5-85, Cl. D28-8.100.
- Schlosser, Erich J.; and Stephen, George, Jr., to Weber-Stephen Products Co. Combined leg support and ash catcher for outdoor cooker or similar article. 278,021, 3-19-85, Cl. D7-332.000.
- Schmidt, Alvin D., to Woodstream Corporation. Fly trap. 281,995, 12-31-85, Cl. D22-19.000.
- Schmidt, Ernst R.: *See—*
  - Carter, Randy E.; and Schmidt, Ernst R., 281,883, Cl. D15-91.000.
- Schmidt, Gerhard, to Westfalische Metall Industrie KG Hueck & Co. Auto spoiler. 277,273, 1-22-85, Cl. D12-181.000.
- Schmidt, Janice L., to Dart Industries Inc. Hairbrush or the like. 280,268, 8-27-85, Cl. D4-136.000.
- Schmitt, Wayne: *See—*
  - Pulichino, John; Bomes, Harvey J.; Migliore, John J.; Smith, Lonnie M.; and Schmitt, Wayne, 279,142, Cl. D3-71.000.
- Schmitz, Willard H.: *See—*
  - Elsner, Alfred W.; and Schmitz, Willard H., 277,409, Cl. D24-38.000.
  - Elsner, Alfred W.; and Schmitz, Willard H., 280,551, Cl. D24-38.000.
- Schnatzmeyer, Mark A., to Otis Engineering Corporation. Solar powered valve control unit. 277,286, 1-22-85, Cl. D15-21.000.
- Schneider, Helen M. Bicycle seat. 281,932, 12-31-85, Cl. D6-354.000.
- Schneider, Rolf E.: *See—*
  - Foggia, Donald A.; and Schneider, Rolf E., 277,476, Cl. D14-52.000.
  - Foggia, Donald A.; and Schneider, Rolf E., 277,477, Cl. D14-52.000.
  - Foggia, Donald A.; and Schneider, Rolf E., 277,478, Cl. D14-58.000.
- Schoeberlein, Allan. Wrench. 278,510, 4-23-85, Cl. D8-28.000.
- Schoenig, Darrell A. Keyboard stacker. 278,670, 5-7-85, Cl. D6-463.000.
- Schoettler, Harold J. Vacuum cleaner. 279,321, 6-18-85, Cl. D32-24.000.
- Scholl, Charles H.; and Frates, Paul S., to Nordson Corporation. Automatic fluid dispenser module for hot melt adhesive or the like. 281,168, 10-29-85, Cl. D15-144.000.
- Scholl, Winfried, to HEWI GmbH. Mirror cabinet. 277,529, 2-12-85, Cl. D6-561.000.
- Scholl, Winfried, to HEWI GmbH. Combined mirror cabinet and shelf unit. 279,064, 6-4-85, Cl. D6-561.000.
- Schoneck, Alan C.: *See—*
  - Duell, Randall S.; Kulpa, Steven H.; Maguire, Justin M., Jr.; Schoneck, Alan C.; and Sylvester, Gordon E., 278,711, Cl. D14-102.000.
- Schoonmaker, Dorothy C. Stand for supporting an elevated grill. 279,644, 7-16-85, Cl. D7-336.000.
- Schosser, John F.; Dole, Charles M.; and Koda, Walter P., to Duracell Inc. Emergency lantern. 279,221, 6-11-85, Cl. D26-44.000.
- Schosser, John F.; Gleason, Roger K.; Dole, Charles M.; Us, Max; and Burke, Bradley, to Duracell Inc. Compact light. 281,280, 11-5-85, Cl. D26-46.000.
- Schosser, John F.; Noyes, Androus D.; and Pelletier, Gerald A., to Duracell Inc. Portable light. 281,819, 12-17-85, Cl. D26-40.000.
- Schott, Alfred; and Reichenberger, Kurt, to Veb Kombinat Polygraph "Werner Lamberz". Apparatus for printing and paper preparation. 277,766, 2-26-85, Cl. D18-13.000.
- Schott, Alfred; Johne, Hans; Forster, Karl-Heinz; Schuck, Helmut; and Schulz, Horst, to Veb Kombinat Polygraph "Werner Lamberz" Leipzig. Remote control desk for multicolor printing machine. 278,249, 4-2-85, Cl. D18-22.000.
- Schrage, Franklin E., to Union Carbide Corporation. Casserole. 280,588, 9-17-85, Cl. D7-354.000.
- Schrage, Franklin E., to Union Carbide Corporation. Casserole. 280,590, 9-17-85, Cl. D7-360.000.
- Schrage, Franklin E., to Union Carbide Corporation. Casserole. 280,591, 9-17-85, Cl. D7-360.000.
- Schrage, Franklin E., to Union Carbide Corporation. Casserole. 280,969, 10-15-85, Cl. D7-354.000.
- Schreiner, Charles P. Workstand lamp. 281,725, 12-10-85, Cl. D26-93.000.
- Schremmer, Paul M., to Protector Safety Industries Limited. Spectacles. 281,507, 11-26-85, Cl. D16-102.000.
- Schroder, Ernest W.; and Pickford, David A., to Adelaide Brighton Cement Limited. Transportable bulk container. 278,457, 4-16-85, Cl. D23-2.000.
- Schroder, Joris; and Hinderling, Thomas, to Inventio AG. Visual control panel for television monitor for monitoring the position of individual elevators of a group of elevators or similar article. 279,100, 6-4-85, Cl. D14-115.000.
- Schroeder, Verdell H.; Sterling, Alton H.; and Rozenberg, Josef H., to AXIA Incorporated. Pump and oil reservoir housing for a sewing machine or the like. 278,538, 4-23-85, Cl. D15-72.000.
- Schuck, Helmut: *See—*
  - Schott, Alfred; Johne, Hans; Forster, Karl-Heinz; Schuck, Helmut; and Schulz, Horst, 278,249, Cl. D18-22.000.
- Schuiling, Theodorus A., to Daisy Systems Holland B.V. Ribbon cassette for automatic printers. 280,736, 9-24-85, Cl. D18-22.000.
- Schuler, Jacob P. Container for storing brushes or the like. 279,037, 5-28-85, Cl. D32-35.000.
- Schuler, John H., II, to J. H. Schuler Company, The. Lint brush or similar article. 281,291, 11-12-85, Cl. D4-137.000.
- Schultes, Herbert H.; and Wahl, Edwin, to Marker International Company. Ski toe clamp. 280,435, 9-3-85, Cl. D21-230.000.
- Schultz, Loren A.; and Brownfield, William N., Jr. Magnetic card operated, microprocessor-based access, cycle and time-management control system. 277,382, 1-29-85, Cl. D14-105.000.
- Schultz, Loren A. Casing for a power lock. 280,381, 9-3-85, Cl. D8-330.000.
- Schultz, Moses R., to Stow & Davis Furniture Company. Chair. 276,957, 1-1-85, Cl. D6-366.000.
- Schultz, Moses R., to Knoll International, Inc. Pavilion. 280,343, 8-27-85, Cl. D25-56.000.
- Schulz, Horst: *See—*
  - Schott, Alfred; Johne, Hans; Forster, Karl-Heinz; Schuck, Helmut; and Schulz, Horst, 278,249, Cl. D18-22.000.
- Schuman, Eldor N. Combined holder for sliced bread and condiment containers or the like. 278,298, 4-9-85, Cl. D7-52.000.
- Schuster, Fred. Golf tee guide. 279,208, 6-11-85, Cl. D21-234.000.
- Schwaab Inc.: *See—*
  - Rhoades, Nolan K., 280,911, Cl. D18-15.000.
- Schwalbe, Willard L. Paint shield for electrical outlet. 279,860, 7-30-85, Cl. D8-14.000.
- Schwann's Sales Enterprises, Inc.: *See—*
  - Ricke, Roy R., 279,753, Cl. D7-74.000.
- Schwartz, Frederic W., to Cable Electric Products, Inc. Battery tester. 278,212, 4-2-85, Cl. D10-77.000.
- Schwartz, Frederic W., to Cable Electric Products, Inc. Combined multi-outlet box with master switch and protective cover therefor. 279,285, 6-18-85, Cl. D13-30.000.
- Schwartzburg, James H., to Packer Plastics, Inc. Container lid. 277,828, 3-5-85, Cl. D9-454.000.
- Schwartzburg, James H., to Packer Plastics, Inc. Watering can. 279,311, 6-18-85, Cl. D23-11.000.
- Schwartzburg, James H., to Packer Plastics, Inc. Molded cap. 280,566, 9-17-85, Cl. D2-244.000.
- Schwarze, Ralph W.: *See—*
  - Dickson, Thomas D., Jr.; and Schwarze, Ralph W., 277,356, Cl. D7-372.000.
- Schweitzer, John C., to Delta Products, Inc. Motion detector case. 280,390, 9-3-85, Cl. D10-106.000.
- Schweres, Josef, to IMI Cornelius, Limited. Beverage dispensing valve. 280,880, 10-8-85, Cl. D7-398.000.
- Schweyher, William H., to Communications Systems, Inc. Cable lashing machine. 277,009, 1-1-85, Cl. D15-199.000.
- Schwimmer, Charles M.: *See—*
  - Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., 277,100, Cl. D14-76.000.
  - Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., 277,182, Cl. D14-84.000.
  - Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., 277,482, Cl. D14-84.000.
  - Matsuda, Hari; Cascarano, Anthony J.; and Schwimmer, Charles M., 278,335, Cl. D14-39.000.
- Schwimmer, Edwin: *See—*
  - Heyman, Gerard; and Schwimmer, Edwin, 280,469, Cl. D6-314.000.
- Schwoeppe, Eric S.: *See—*
  - Hafer, Carl W.; and Schwoeppe, Eric S., 280,298, Cl. D9-434.000.
- SCM Corporation: *See—*
  - Christie, Cornelius W., 281,253, Cl. D18-1.000.
  - Jolliffe, John E., 277,968, Cl. D18-1.000.
  - Jolliffe, John E., 281,509, Cl. D18-1.000.
- Scofield, John E. Folding music stand. 277,142, 1-15-85, Cl. D6-419.000.
- Scoppettone, Ronald. Eyeglass case. 279,522, 7-9-85, Cl. D3-34.000.
- Scott, Ede: *See—*
  - Butler, Craig R.; and Scott, Ede, 281,141, Cl. D8-98.000.
- Scott & Fetzer Company, The: *See—*
  - Mariol, James F., 280,993, Cl. D15-9.000.
  - Rinaldi, Joseph A.; Meeker, Paul K.; and Kochte, Werner W., 279,513, Cl. D32-18.000.
- Scott, Peter K., to Commonwealth Industries. Syringe loading guide. 280,018, 8-6-85, Cl. D24-25.000.
- Scudo, Aldo: *See—*
  - Lewis, Arthur M.; and Scudo, Aldo, 280,109, Cl. D18-99.000.
- Scura, Brian, to Scura Speed & Tech, Incorporated. Tool for adjusting bicycle brakes. 281,140, 10-29-85, Cl. D8-71.000.
- Scura, Brian, to Scura Speed & Tech, Incorporated. Bicycle hub. 281,155, 10-29-85, Cl. D12-207.000.
- Scura Speed & Tech, Incorporated: *See—*
  - Scura, Brian, 281,140, Cl. D8-71.000.
  - Scura, Brian, 281,155, Cl. D12-207.000.

- Seager, Richard, to Mentor O & O, Inc. Visual acuity meter for measuring the potential visual acuity of the eye of a patient. 281,533, 11-26-85, Cl. D24-17.000.
- Seager, Richard H., to Calumet Manufacturing Co. Dispenser tube casing for toiletry stick or the like. 278,751, 5-7-85, Cl. D28-76.000.
- Seager, Richard H., to Warner Lambert Technologies, Inc. Ophthalmic camera. 280,549, 9-10-85, Cl. D24-8.000.
- Seager, Richard H, to Temp-Tech Co., Inc. Combined food carrier and warmer. 281,756, 12-17-85, Cl. D7-77.000.
- Sealed Air Corporation: *See*—
  - Smith, Edward R., 279,165, Cl. D8-354.000.
- Sears, I. Weir; Hostetler, John E.; and Hulsebusch, William H., to Apparel Form Company. Pants. 279,041, 6-4-85, Cl. D2-28.000.
- Sears, Roebuck and Co.: *See*—
  - Patel, Madhu, 277,511, Cl. D26-68.000.
- Seawright, Joseph P. Piano. 280,995, 10-15-85, Cl. D17-7.000.
- SEB: *See*—
  - Jacob, Yves, 276,972, Cl. D7-358.000.
- Secor, Richard J. Cleaning rack for saddles or the like. 277,515, 2-5-85, Cl. D30-45.000.
- Security Switch, Ltd.: *See*—
  - Hoogner, Richard L., 278,529, Cl. D13-32.000.
- Security Technology Limited: *See*—
  - Bissonette, William M., 278,902, Cl. D14-52.000.
- Seeds, Wesley R., to Lucasfilm, Ltd. Toy figure. 277,303, 1-22-85, Cl. D21-148.000.
- Seel, Jerry E.; and Gray, Gary W. Exercising platform. 278,924, 5-21-85, Cl. D21-193.000.
- Seggerson, Patrick J.; and Niehaus, Donald H., to American Sign and Marketing Services, Inc. Sign. 279,585, 7-9-85, Cl. D20-10.000.
- Seggerson, Patrick J.; and Niehaus, Donald H., to American Sign and Marketing Services, Inc. Character-carrier row strip for a changeable sign panel or similar article. 279,587, 7-9-85, Cl. D20-42.000.
- Segor, Philip F.: *See*—
  - Doman, Donald W.; and Segor, Philip F., 277,696, Cl. D23-69.000.
- Seibel, Ben, to American Commercial, Incorporated. Wine glass. 278,296, 4-9-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Champagne glass. 278,590, 4-30-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Champagne glass. 278,591, 4-30-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Wine glass. 278,592, 4-30-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Champagne glass. 278,672, 5-7-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Wine glass. 278,780, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Wine glass. 278,781, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Water goblet. 278,782, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Water goblet. 278,783, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Champagne glass. 278,784, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Champagne glass. 278,785, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Cordial glass. 278,786, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Cordial glass. 278,787, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Cordial glass. 278,788, 5-14-85, Cl. D7-13.000.
- Seibel, Ben, to American Commercial, Incorporated. Champagne glass. 278,962, 5-28-85, Cl. D7-13.000.
- Seid, Paul; and Wolfe, Herbert, to Sultan Dental Products Ltd. Dental tray. 281,529, 11-26-85, Cl. D24-10.000.
- Seid, Paul; and Wolfe, Herbert, to Sultan Dental Products Ltd. Dental tray. 281,530, 11-26-85, Cl. D24-10.000.
- Seidlitz, Raymond R.: *See*—
  - Genaro, Donald M.; Tilley, Alvin R.; Purzycki, Alfred Z.; Seidlitz, Raymond R.; and Sokolowski, Eugene K., 280,196, Cl. D14-93.000.
  - Genaro, Donald M.; Tilley, Alvin R.; Purzycki, Alfred Z.; Seidlitz, Raymond R.; and Sokolowski, Eugene K., 280,197, Cl. D14-93.000.
- Seiffert, Florian: *See*—
  - Abe, Noboru; and Seiffert, Florian, 279,411, Cl. D28-53.000.
  - Abe, Noboru; and Seiffert, Florian, 279,509, Cl. D28-49.000.
- Seiko Instruments & Electronics Ltd.: *See*—
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  - Maruyama, Satoko, 278,036, Cl. D10-30.000.
  - Onodera, Tsuyoshi, 278,038, Cl. D10-30.000.
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- Seitz, David R.: *See*—
  - Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., 281,612, Cl. D15-122.000.
  - Banner, Alvin C.; Finegold, Hyman B.; and Seitz, David R., 281,697, Cl. D15-138.000.
- Sekigawa, Youichi: *See*—
  - Amano, Kazunori; and Sekigawa, Youichi, 281,998, Cl. D23-121.000.
  - Kojima, Nobuyuki; Sekigawa, Youichi; and Amano, Kazunori, 277,697, Cl. D23-121.000.
  - Kojima, Nobuyuki; and Sekigawa, Youichi, 278,272, Cl. D23-122.000.
- Sekiyama, Masao, to Akutagawa Confectionary Co., Ltd. Ornamental design for a chocolate representing a personal computer. 277,994, 3-19-85, Cl. D1-106.000.
- Selden, Boynton, to Selden, Michele R., Trustee. Combined lamp and magnifier lens. 277,320, 1-22-85, Cl. D26-51.000.
- Selden, Michele R., Trustee: *See*—
  - Selden, Boynton, 277,320, Cl. D26-51.000.
- Self, Edwin C.: *See*—
  - Swartzendruber, James A.; Rehn, Gary A.; and Self, Edwin C., 281,881, Cl. D15-33.000.
- Selfix, Inc.: *See*—
  - Chap, John P., 279,450, Cl. D8-363.000.
  - Chap, John P., 281,575, Cl. D8-363.000.
- Selke, Gary J., to Advanced Technology Laboratories, Inc. Portable computer work station. 280,722, 9-24-85, Cl. D14-103.000.
- Selnick, Randy. Straight blade scraper. 280,770, 9-24-85, Cl. D32-46.000.
- Seltzer, Charles J. Foot massaging sandal. 281,735, 12-17-85, Cl. D2-293.000.
- Seltzer, Samuel M.; an [illegible], Saul, to Allison Corporation. Automobile dash tray. 27[illegible], 7-9[illegible]85, Cl. D3-40.000.
- Seltzer, Samuel M.; and [illegible], Saul, to Allison Corporation. Holder for a garage door remote control unit. 280,466, 9-10-85, Cl. D3-40.000.
- Semerjian, Joseph K.; and Lodge, Glenn R., to Wilson Jones Company. Sheet punch. 279,299, 6-18-85, Cl. D19-72.000.
- Semperit Aktiengesellschaft: *See*—
  - Tichy, Heinz; and Mair, Franz, 278,607, Cl. D10-111.000.
- Senmed, Inc.: *See*—
  - Spreckelmeier, Lawrence E., 279,500, Cl. D24-26.000.
  - Spreckelmeier, Lawrence E.; and Burtoft, William K., 279,501, Cl. D24-26.000.
- Sentrol, Inc.: *See*—
  - Abel, William E., 280,494, Cl. D10-106.000.
  - Abel, William E., 281,865, Cl. D10-106.000.
  - Abel, William E., 281,866, Cl. D10-106.000.
- Serfas, Jonathan D.; and Sawyer, Richard C., Jr., to McGraw-Edison Company. Eyenut. 280,598, 9-17-85, Cl. D8-397.000.
- Servadio, Robert. Bathroom tissue holder. 277,622, 2-19-85, Cl. D6-520.000.
- Seto, Hisashi, to Toyota Jidosha Kabushiki Kaisha. Seat for an automobile. 280,472, 9-10-85, Cl. D6-356.000.
- Setzler, David M. Trousers. 279,830, 7-30-85, Cl. D2-28.000.
- Sexton, John M. Air vent. 279,601, 7-9-85, Cl. D23-112.000.
- Sexton, Lee: *See*—
  - Gangelhoff, Ronald J.; Kohler, Ray A.; and Sexton, Lee, 279,447, Cl. D7-151.000.
- Seymour, Allen: *See*—
  - Mower, Henry W.; Seymour, Allen; Koziatek, Jerome P.; and Lendvay, Joseph G., 277,157, Cl. D6-506.000.
- Sgarlato, Thomas E.; and Christensen, James M., to Sutter Biomedical Inc. Lesser toe metatarsal phalangeal implant. 277,784, 2-26-85, Cl. D24-33.000.
- Shaak, Luther L.: *See*—
  - Bauer, James E.; and Shaak, Luther L., 279,508, Cl. D27-51.000.
- Shachihata Industry Co., Ltd.: *See*—
  - Fujikura, Toshio, 280,733, Cl. D18-15.000.
  - Fujikura, Toshio, 280,910, Cl. D18-15.000.
  - Ichikawa, Takashi, 280,643, Cl. D18-15.000.
  - Ichikawa, Takashi, 280,644, Cl. D18-15.000.
  - Oyabu, Toshiharu, 277,393, Cl. D19-51.000.
- Shaffer, Ralph; and Davidson, William, to American Greetings Corporation. Toy bear figure. 277,021, 1-1-85, Cl. D21-159.000.
- Shaffer, Ralph; and Davidson, William, to American Greetings Corporation. Toy bear figure. 277,121, 1-8-85, Cl. D21-159.000.
- Shaffer, Ralph; and Davidson, William, to American Greetings Corporation. Toy bear figure. 277,122, 1-8-85, Cl. D21-159.000.
- Shaffer, Ralph; and Davidson, William, to American Greetings Corporation. Toy bear figure. 277,123, 1-8-85, Cl. D21-159.000.
- Shaffer, Ralph; and Davidson, William, to American Greetings Corporation. Toy bear figure. 277,124, 1-8-85, Cl. D21-59.000.
- Shaffer, Ralph; and Davidson, William, to American Greetings Corporation. Toy bear figure. 277,125, 1-8-85, Cl. D21-159.000.
- Shakib, Iraj D.: *See*—
  - Harden, James P.; Okcuoglu, Selahattin A.; Robards, Preston O., Jr.; Shakib, Iraj D.; and Souder, Thomas D., 280,641, Cl. D18-12.000.
- Shalon, Tadmor: *See*—
  - Jacobsen, Donald M.; Shalon, Tadmor; Thater, Walter A.; and Somogye, Steve, Jr., 277,462, Cl. D10-70.000.
- Shalvoy, John C.; and Van Deursen, Gary E., to Black & Decker, Inc. Iron or similar article. 278,752, 5-7-85, Cl. D32-70.000.
- Shames, Harold: *See*—
  - Shames, Sidney J.; and Shames, Harold, 277,131, Cl. D23-151.000.
  - Shames, Sidney J.; and Shames, Harold, 281,451, Cl. D23-151.000.
  - Shames, Sidney J.; and Shames, Harold, 281,999, Cl. D23-138.000.
- Shames, Sidney J.; and Shames, Harold. Housing for a clothes dryer vent. 277,131, 1-8-85, Cl. D23-151.000.
- Shames, Sidney J.; and Shames, Harold. Vent for clothes dryer. 281,451, 11-19-85, Cl. D23-151.000.
- Shames, Sidney J.; and Shames, Harold. Air deflector with magnetic holders. 281,999, 12-31-85, Cl. D23-138.000.
- Shampang, Joseph A. Cutting tool holder. 278,408, 4-16-85, Cl. D8-98.000.
- Shane, Scott D.: *See*—
  - Anderson, Kirk S.; and Shane, Scott D., 278,979, Cl. D9-415.000.

- Shannon, Walter. Combined record carrousel and storage unit. 278,499, 4-23-85, Cl. D6-407.000.
- Shape Inc.: *See*—
  - Gelardi, Anthony L.; Gelardi, John; Landry, Vincent; and Pruneau, Diane, 280,815, Cl. D14-11.000.
- Share, Seymour J. Battery pack belt. 278,386, 4-16-85, Cl. D2-383.000.
- Sharp, Bernard C.; and Lopez, Manuel, to Parker-Hannifin Corporation. Windhsield washer pump package. 277,731, 2-26-85, Cl. D9-337.000.
- Sharp Corporation: *See*—
  - Akiyama, Kunio, 279,009, Cl. D14-106.000.
  - Akiyama, Kunio, 279,675, Cl. D14-100.000.
  - Akiyama, Kunio, 279,687, Cl. D18-4.000.
  - Akiyama, Kunio, 281,254, Cl. D18-4.000.
  - Akiyama, Kunio, 281,702, Cl. D18-4.000.
  - Fujii, Hiroshi; Moritani, Hiroshi; Iwahashi, Wataru; and Sugiyama, Masakazu, 281,138, Cl. D7-351.000.
  - Fujii, Hiroshi; Moritani, Hiroshi; Sugiyama, Masakazu; and Iwahashi, Wataru, 281,139, Cl. D7-351.000.
  - Fukuda, Harumi, 281,699, Cl. D16-32.000.
  - Haruguchi, Kenichi; and Ito, Yukiko, 277,036, Cl. D28-51.000.
  - Haruguchi, Kenichi; Ito, Yukiko; Yamagami, Masafumi; and Yokoyama, Shinichi, 279,722, Cl. D28-50.000.
  - Hayashi, Shigeaki; Sawada, Masaji; Sakaguchi, Hiroshi; and Yamada, Kazuo, 280,418, Cl. D18-7.000.
  - Hazama, Shigetoshi; Sawa, Shuzo; Ikeda, Matafumi; and Esaki, Akira, 277,600, Cl. D23-123.000.
  - Ishida, Katsuhiro, 277,681, Cl. D18-7.000.
  - Ishida, Katsuhiro; and Sakamoto, Harumi, 278,715, Cl. D14-111.000.
  - Kato, Naoyuki; Yubisui, Takahisa; and Kanari, Masumi, 279,095, Cl. D14-5.000.
  - Kitai, Isao, 278,060, Cl. D14-100.000.
  - Kitai, Isao; and Yokoi, Mitsuo, 279,688, Cl. D18-7.000.
  - Kitai, Isao; and Yamada, Kazuo, 281,172, Cl. D18-7.000.
  - Kosako, Mikio; Nishibori, Hiroshi; and Fukuda, Harumi, 279,903, Cl. D16-31.000.
  - Kurozumi, Shigeru; and Sawada, Masaji, 279,196, Cl. D18-2.000.
  - Nishibori, Hiroshi; and Akiyama, Kunio, 280,819, Cl. D14-100.000.
  - Sakamoto, Junichi, 277,107, Cl. D18-4.000.
  - Sakamoto, Junichi, 279,184, Cl. D14-57.000.
  - Sakamoto, Junichi, 279,676, Cl. D14-100.000.
  - Sakamoto, Junichi, 280,407, Cl. D14-113.000.
  - Sakamoto, Junichi, 280,410, Cl. D14-100.000.
  - Sakamoto, Junichi, 280,411, Cl. D14-100.000.
  - Sakamoto, Junichi, 280,412, Cl. D14-111.000.
  - Satake, Noriko, 279,104, Cl. D18-2.000.
  - Satake, Noriko, 279,188, Cl. D14-100.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 278,156, Cl. D18-7.000.
  - Sawada, Masaji, 279,105, Cl. D18-7.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 279,106, Cl. D18-7.000.
  - Sawada, Masaji, 279,108, Cl. D18-7.000.
  - Sawada, Masaji; Hayashi, Shigeaki; Sakaguchi, Hiroshi; and Yamada, Kazuo, 280,209, Cl. D18-7.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 281,435, Cl. D18-7.000.
  - Sawada, Masaji; Sakaguchi, Hiroshi; Hayashi, Shigeaki; and Yamada, Kazuo, 281,886, Cl. D18-7.000.
  - Takahashi, Noriko, 279,110, Cl. D18-7.000.
  - Yamada, Kazuo, 280,409, Cl. D14-100.000.
  - Yamagami, Masafumi; and Sakata, Keiji, 281,171, Cl. D18-7.000.
  - Yamagata, Hiroshi; and Makihara, Kendo, 278,706, Cl. D13-35.000.
  - Yamagata, Hiroshi; and Makihara, Kendo, 280,097, Cl. D14-58.000.
  - Yamagata, Hiroshi; and Makihara, Kendo, 281,500, Cl. D14-92.000.
  - Yamagata, Hiroshi; and Makihara, Kendo, 281,501, Cl. D14-92.000.
  - Yubisui, Takahisa; Sakaguchi, Hiroshi; Sakata, Keiji; and Shinohara, Megumi, 279,109, Cl. D18-7.000.
- Sharp, James M.: *See*—
  - Menn, Walter A.; Sarkis, Alexander, Jr; Haskins, Steve W.; Barber, Eugene; and Sharp, James M., 278,053, Cl. D14-53.000.
- Sharp Kabushiki Kaisha: *See*—
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  - Miyake, Takao; Kawaishi, Masayoshi; and Tsujimoto, Kazuo, 277,355, Cl. D7-351.000.
  - Wada, Naoki; Saito, Tomitaro; and Hashiba, Takeo, 277,566, Cl. D14-6.000.
- Sharp, Michael H.: *See*—
  - Chamberlain, Edward; Hardy, Tommy R.; Leon, Nicholas M.; Mendel, Peter J.; and Sharp, Michael H., 278,063, Cl. D14-100.000.
- Sharpe, Ronald W. Combined costumer and storage unit. 278,768, 5-14-85, Cl. D6-414.000.
- Sharpe, Ronald W. Combined costumer and storage unit. 278,769, 5-14-85, Cl. D6-414.000.
- Sharpe, Ronald W. Watch. 279,272, 6-18-85, Cl. D10-33.000.
- Shattow, Robert: *See*—
  - Westler, Janice M.; and Shattow, Robert, 278,074, Cl. D21-237.000.
- Shaw, Eddie L. Figurine. 280,086, 8-13-85, Cl. D11-158.000.
- Shaw, Stanford E., to Provo Steel and Supply Company. Interior shelf for a security safe, gun cabinet, vault or the like. 277,627, 2-19-85, Cl. D6-574.000.
- Shaw, Stanford E., to Provo Steel and Supply Company. Interior shelf for a security safe, gun cabinet, vault or the like. 277,628, 2-19-85, Cl. D6-514.000.
- Shay, Weldon. Manicure instrument. 280,351, 8-27-85, Cl. D28-57.000.
- Sheahan, Mary P. Zipper pull. 280,463, 9-10-85, Cl. D2-415.000.
- Shearer, Thomas E.: *See*—
  - Wiese, Martin; Shearer, Thomas E.; and Lehman, Dexter K., 277,517, Cl. D32-22.000.
- Shedden, Joel T. Motorcycle stand or similar article. 276,988, 1-1-85, Cl. D12-115.000.
- Shedden, Joel T. Racing bicycle stand. 280,088, 8-13-85, Cl. D12-115.000.
- Sheets, Marion S.: *See*—
  - Bresie, Don A.; Burns, Jack M.; Fowler, Donald W.; and Sheets, Marion S., 280,093, Cl. D12-203.000.
- Shellman, Kenneth S., Sr. Wall mounted storage rack for a table tennis set. 277,147, 1-15-85, Cl. D6-515.000.
- Shelton, Steven R.: *See*—
  - Tebbe, David L.; and Shelton, Steven R., 277,150, Cl. D6-446.000.
- Shelton, Walter L.: *See*—
  - Bachmann, G. Merle; Davis, Charles L.; Morgan, Annis R., Jr.; Shelton, Walter L.; and Hughes, Robert D., IV, 278,724, Cl. D20-4.000.
- Shenk, William B., Jr., to Ford Motor Company. Front panel for a graphic equalizer or similar article. 279,182, 6-11-85, Cl. D14-1.000.
- Shenken, John E.; and Haas, Charles A. Covered vanity mirror. 278,558, 4-23-85, Cl. D6-309.000.
- Shepherd Products Limited: *See*—
  - Demrick, Carl J.; and Hussey, Ronald D., 281,901, Cl. D23-138.300.
- Shepherd, Rudolph. Font of type. 281,703, 12-10-85, Cl. D18-24.000.
- Sheppard, M. Bernard. Reversible seat cushion and back rest unit. 279,060, 6-4-85, Cl. D6-502.000.
- Sher, Robert B. Oil lamp. 280,937, 10-8-85, Cl. D26-110.000.
- Sher, Robert B. Oil lamp. 280,938, 10-8-85, Cl. D26-110.000.
- Sher, Robert B. Oil lamp. 280,939, 10-8-85, Cl. D26-110.000.
- Sher, Robert B. Oil lamp. 280,940, 10-8-85, Cl. D26-110.000.
- Sher, Robert B. Oil lamp. 281,015, 10-15-85, Cl. D26-110.000.
- Sherman, Benjamin; Burch, Jo E.; and Swan, Ralph M., to Pitney Bowes Inc. Floppy disk module. 280,899, 10-8-85, Cl. D14-109.000.
- Sherman, Benjamin: *See*—
  - Swan, Ralph M.; Sherman, Benjamin; and Agard, Judith A., 280,624, Cl. D14-109.000.
- Sherman, Wilfred M., to Shetland Company, Inc., The. Heated hair brush. 281,728, 12-10-85, Cl. D28-35.000.
- Sherman, Wilfred M., to Shetland Company, Inc., The. Hair curling iron. 281,823, 12-17-85, Cl. D28-35.000.
- Sherrill, Charles M., Jr. Bottle body or similar article. 279,653, 7-16-85, Cl. D9-395.000.
- Sherwood, Glenn A. Opener for pull-tab cans and bottles. 277,635, 2-19-85, Cl. D8-18.000.
- Shetland Company, Inc., The: *See*—
  - Sherman, Wilfred M., 281,728, Cl. D28-35.000.
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- Shibata, Mikio, to Tokyo Shibaura Denki Kabushiki Kaisha. Memory unit cartridge for electronic computers. 277,189, 1-15-85, Cl. D14-114.000.
- Shibayama, Masato; Abe, Takeshi; Koizumi, Kiyohide; Sugimoto, Kouichi; Kusakawa, Hitoshi; and Jinriki, Tatenori, to Hitachi, Ltd. Industrial robot. 280,203, 8-20-85, Cl. D15-199.000.
- Shield, Raymond G.: *See*—
  - Highstreet, Rebecca A.; Shield, Raymond G.; and Jensen, Nancy A., 281,148, Cl. D10-70.000.
  - Highstreet, Rebecca A.; Shield, Raymond G.; and Jensen, Nancy A., 281,309, Cl. D10-70.000.
- Shields, Joseph B. Foot protecting cushion for a bed leg. 278,960, 5-28-85, Cl. D6-491.000.
- Shigeta, Yoshitaka: *See*—
  - Hirose, Toshikatsu; Ishikawa, Teruo; Satoh, Takahiro; and Shigeta, Yoshitaka, 281,319, Cl. D14-80.000.
- Shiki, Junichiro, to Nippon Rubber Co., Ltd. Shoe sole. 281,641, 12-10-85, Cl. D2-320.000.
- Shiley Incorporated: *See*—
  - Pavlov, Todor; and Gupta, Badri. 281,717, Cl. D23-136.000.
- Shimano Industrial Company Limited: *See*—
  - Watanabe, Satoshi, 280,192, Cl. D12-125.000.
- Shimano, Moto: *See*—
  - Gunzel, Rudolph M., Jr.; Hale, Thomas K.; and Shimano, Moto, 281,899, Cl. D23-18.000.
  - Gunzel, Rudolph M., Jr.; Hale, Thomas K.; and Shimano, Moto, 281,900, Cl. D23-18.000.
- Shimizu, Norio; and Osaka, Hiroshi, to Koyo Electronics Industries Co., Ltd. Television camera. 277,961, 3-12-85, Cl. D14-78.000.
- Shimizu, Norio; Watanabe, Yuichi; and Naoi, Kiichi, to Koyo Electronics Industries Co., Ltd. Programmable controller. 278,710, 5-7-85, Cl. D14-100.000.
- Shimmi, Shigeru; and Kimura, Akiko. Cassette holder or similar article. 279,328, 6-25-85, Cl. D3-35.000.
- Shimomura, Toshimasa, to Tonan Merchandise Inc. Toy motorcycle. 281,795, 12-17-85, Cl. D21-134.000.
- Shimomura, Toshimasa, to Tonan Merchandise Inc. Toy motorcycle. 281,796, 12-17-85, Cl. D21-134.000.
- Shinohara, Megumi: *See*—
  - Yubisui, Takahisa; Sakaguchi, Hiroshi; Sakata, Keiji; and Shinohara, Megumi, 279,109, Cl. D18-7.000.
- Shipos, Louis E.: *See*—
  - Bossack, Thomas J.; Shipos, Louis E.; and Brown, Frederick M., 280,212, Cl. D18-22.000.

- Shiseido Company Ltd.: *See—*
  - Kaneko, Yoichi, 277,077, Cl. D9-367.000.
  - Kaneko, Yoichi, 277,360, Cl. D9-352.000.
  - Matsubara, Masaki; and Ikeda, Shuichi, 278,410, Cl. D9-403.000.
  - Matsubara, Masaki; and Ikeda, Shuichi, 279,511, Cl. D28-91.100.
- Shishkin, Konstantin N.: *See—*
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- Shiu, Desmond K., to Matrix International Industries. Massage roller. 279,406, 6-25-85, Cl. D24-36.000.
- Shiverdecker, Howard. Lure. 281,807, 12-17-85, Cl. D22-28.000.
- Shiverdecker, Howard. Fish lure. 281,898, 12-24-85, Cl. D22-28.000.
- Shockley, Rosalie C. Clothes hanger. 279,051, 6-4-85, Cl. D6-316.000.
- Shohoji, Takeshi; and Kanamaru, Yutaka, to Ryobi Ltd. Fishing reel. 281,188, 10-29-85, Cl. D22-25.000.
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  - Sakamoto, Masakazu; and Shohoji, Takeshi, 277,694, Cl. D22-25.000.
  - Sakamoto, Masakazu; and Shohoji, Takeshi, 280,846, Cl. D22-25.000.
- Shop-Vac Corporation: *See—*
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- Shopsmith, Inc.: *See—*
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  - Chaney, David B.; and Duwell, Michael J., 278,790, Cl. D8-14.000.
  - Haas, Charles J.; and Duwell, Michael J., 281,431, Cl. D15-125.000.
  - Irelan, Edward A.; Folkerth, Harold E.; Legler, John G.; and Woods, Garry W., 281,328, Cl. D15-133.000.
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  - Sussman, Morris, 281,914, Cl. D28-83.000.
  - Sussman, Morris, 281,915, Cl. D28-83.000.
- Short, Bernard. Measuring device for children's feet. 280,300, 8-27-85, Cl. D10-71.000.
- Short, Donald G. Combined beach towel and pillow. 280,170, 8-20-85, Cl. D6-608.000.
- Short, Roy M. Toy construction piece. 281,794, 12-17-85, Cl. D21-108.000.
- Short, Walter R., to Rizla Limited. Tissue dispenser. 278,492, 4-23-85, Cl. D6-518.000.
- Shuman, Bernard E., to Eastern Electrical Equipment Co., Inc. Floor stand display card holder. 279,201, 6-11-85, Cl. D20-43.000.
- Shuman, William E., to American Standard Inc. Front of type. 280,108, 8-13-85, Cl. D18-24.000.
- Shumate, Michael E.: *See—*
  - Rudell, Elliot A.; Shumate, Michael E.; Cernansky, Joseph S.; and Kamrath, Richard P., 281,964, Cl. D12-111.000.
  - Rudell, Elliot A.; Shumate, Michael E.; Cernansky, Joseph S.; and Kamrath, Richard P., 281,965, Cl. D12-113.000.
- Sico, Nicholas J., Jr., to Rinn Corporation. Collimator for dental x-ray instrument aiming rings. 281,353, 11-12-85, Cl. D24-2.000.
- Sieder, Stephen M. Upper body exerciser. 280,922, 10-8-85, Cl. D21-191.000.
- Siegel, A. Neal: *See—*
  - Baum, Ronald L.; Leibson, Abraham; and Siegel, A. Neal, 277,459, Cl. D9-443.000.
- Siegel, Robert: *See—*
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  - Kao, Tonis, 280,895, Cl. D14-53.000.
  - Kao, Tonis, 280,986, Cl. D14-53.000.
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  - Foggia, Donald A.; and Schneider, Rolf E., 277,477, Cl. D14-52.000.
  - Foggia, Donald A.; and Schneider, Rolf E., 277,478, Cl. D14-58.000.
- Sieren, Gerald E., to Allis-Chalmers Corporation. Tractor. 277,861, 3-5-85, Cl. D15-23.000.
- Sieverding, Wayne F., to Western Manufacturing Corporation. Blower unit for portable heater. 279,029, 5-28-85, Cl. D23-155.000.
- Signet Scientific Co.: *See—*
  - Highstreet, Rebecca A.; Shield, Raymond G.; and Jensen, Nancy A., 281,148, Cl. D10-70.000.
  - Highstreet, Rebecca A.; Shield, Raymond G.; and Jensen, Nancy A., 281,309, Cl. D10-70.000.
- Sigona, Carmelo J. Inflatable lounge seat. 278,004, 3-19-85, Cl. D6-361.000.
- Silberman, Ira J., to Diversified Products Corporation. Weightlifter's vest. 277,519, 2-12-85, Cl. D2-27.000.
- Silberman, Ira J.: *See—*
  - Kelley, Robert C.; and Silberman, Ira J., 280,843, Cl. D21-191.000.
- Silkebakken, Jerrold W.; and Hale, Bruce H. Combined bottle and can opener. 277,725, 2-26-85, Cl. D8-40.000.
- Silkebakken, Jerrold W.; and Hale, Bruce H. Combined advertising and identification badge. 279,692, 7-16-85, Cl. D20-27.000.
- Silsby, Robert M., to J. M. Ney Company, The. Crucible for casting molten dental and jewelry alloys. 280,761, 9-24-85, Cl. D24-10.000.
- Silva, Thomas C. Bicycle seat cover. 279,434, 7-2-85, Cl. D6-354.000.
- Silver Seiko Limited: *See—*
  - Asahi, Tetsuma, 277,193, Cl. D18-12.000.
- Silver, William, to Thomson-Leeds Company, Inc. Collapsible display unit. 279,442, 7-2-85, Cl. D6-478.000.
- Silver, William, to Thomson-Leeds Company, Inc. Combined display sign and clock. 279,691, 7-16-85, Cl. D20-20.000.
- Silver, William, to Thomson-Leeds Company, Inc. Attachment for a cigarette rack. 280,958, 10-15-85, Cl. D6-517.000.
- Silver, William V., to Thomson-Leeds Company, Inc. Collapsible display unit. 280,159, 8-20-85, Cl. D6-475.000.
- Silver, William V., to Thomson-Leeds Company, Inc. Collapsible display unit. 280,160, 8-20-85, Cl. D6-475.000.
- Silver, William V., to Thomson-Leeds Company, Inc. Separator for cigarette packs. 280,165, 8-20-85, Cl. D6-509.000.
- Simeri, Albert R.; and Simeri, Paul S., to Van Express, Inc. Overhead console for a van. 280,312, 8-27-85, Cl. D12-155.000.
- Simeri, Paul S.: *See—*
  - Simeri, Albert R.; and Simeri, Paul S., 280,312, Cl. D12-155.000.
- Simmons, Richard J., to Plastofilm Industries, Inc. Stackable tray for displaying and dispensing cylindrical packaged articles. 279,341, 6-25-85, Cl. D6-466.000.
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  - Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 278,114, Cl. D7-38.000.
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  - Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 280,966, Cl. D7-81.000.
- Simmons Universal Corporation: *See—*
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  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,277, Cl. D6-505.000.
  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,278, Cl. D6-508.000.
  - Brunner, Merlin A.; Robinson, David W.; and Draheim, Harvey J., 280,279, Cl. D6-508.000.
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  - DeFuccio, Robert, 279,628, Cl. D6-370.000.
  - Steinberger, Ned, 277,346, Cl. D6-374.000.
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- Simonsen, Bent P. Resistor coolant container. 281,683, 12-10-85, Cl. D13-40.000.
- Simpkins, Terry J., to Midmark Corporation. Multi-position examination chair. 278,668, 5-7-85, Cl. D6-335.000.
- Simpson, John F. Swim fin. 277,595, 2-12-85, Cl. D21-239.000.
- Simpson, Nicholas R.; and Rempe, Ronald U. Stove guard. 279,073, 6-4-85, Cl. D7-402.000.
- Simson, Bruce R., to Corning Glass Works. Reflector lamp base. 279,506, 7-2-85, Cl. D26-113.000.
- Sinchok, John D., to Rubbermaid Incorporated. Stackable utility basket. 277,993, 3-12-85, Cl. D34-44.000.
- Sing, George C. Hat. 279,137, 6-11-85, Cl. D2-248.000.
- Singer Company, The: *See—*
  - Allen, Jeanne K., 281,783, Cl. D15-69.000.
  - Barrett, Michael E.; Koon, Randy G.; and Laughon, Thomas C., 281,218, Cl. D8-67.000.
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  - Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 279,295, Cl. D15-66.000.
- Singer, Mark. Chair. 281,473, 11-26-85, Cl. D6-379.000.
- Singer, Michael S. Video game glove. 280,053, 8-13-85, Cl. D2-361.000.
- Sink, John B. Invalid seat cushion. 278,779, 5-14-85, Cl. D6-596.000.
- Sink, John B. Chair restraining device. 279,362, 6-25-85, Cl. D12-133.000.
- Sinkoff, Barry N.; and Feldman, Howard P., to Suzuki Musical Instrument Corporation. Portable electronic musical chord instrument. 278,917, 5-21-85, Cl. D17-1.000.
- Sironi, Giuseppe, to Vibram S.p.A. Sole for footwear. 281,372, 11-19-85, Cl. D2-320.000.
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  - Nordgren, Peter; and Sjoholm, Hans, 279,025, Cl. D21-230.000.
  - Nordgren, Peter; and Sjoholm, Hans, 279,026, Cl. D21-230.000.
- Sjostedt, Ingemar; and Lunden, Bertil, to Molnlycke Aktiebolag. Cutting attachment for paper roll holder or similar article. 277,246, 1-22-85, Cl. D6-523.000.
- Sjostedt, Ingemar; and Lunden, Bertil, to Molnlycke Aktiebolag. Dispenser for sanitary paper. 278,006, 3-19-85, Cl. D6-523.000.
- Skarsten, Stephen R., to Skilten Electronics Limited. Hot air blower. 280,338, 8-27-85, Cl. D23-77.000.
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- Sklaroff, William B., to Metrologic Instruments, Inc. Portable handheld laser scanner. 281,977, 12-31-85, Cl. D14-116.000.
- Skolnik, Arthur M. Toy vehicle. 280,917, 10-8-85, Cl. D21-80.000.
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- Skylvik, Arnold, to AB Cerbo. Container body. 280,710, 9-24-85, Cl. D9-434.000.
- Sladky, Donald J.; and Vande Water, William J., to Firestone Tire & Rubber Company, The. Tire tread and buttress. 277,272, 1-22-85, Cl. D12-146.000.
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- Slager, Thomas E. Computer desk. 279,740, 7-23-85, Cl. D6-478.000.
- Slakman, Bernard H. Inflatable orthopedic back support. 277,917, 3-12-85, Cl. D6-604.000.
- Slovak, Jack P.; Slovak, Robert A.; and Horn, Douglas M. Water purifier. 278,650, 4-30-85, Cl. D23-3.000.
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- Smilgys, Bruno S., to Veeder Industries Inc. Counter wheel indicia rim. 280,306, 8-27-85, Cl. D10-103.000.
- Smith, Arnold R., to AT&T Bell Laboratories. Cable pedestal closure or similar article. 279,286, 6-18-85, Cl. D13-40.000.
- Smith, Arnold R., to AT&T Bell Laboratories. Cable pedestal closure or similar article. 279,287, 6-18-85, Cl. D13-40.000.
- Smith, Bennie E.; and Mandrell, Bobbie R. Automobile hatchback window modification unit. 277,841, 3-5-85, Cl. D12-183.000.
- Smith, Carl R., to Weststar Marketing, Inc. Planter. 281,380, 11-19-85, Cl. D6-404.000.
- Smith, Carl R., to Weststar Marketing, Inc. Planter. 281,841, 12-24-85, Cl. D6-404.000.
- Smith, Daniel J., to Fender Musical Instruments Corporation. Tuning machine for guitar. 280,523, 9-10-85, Cl. D17-20.000.
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- Smith, David B.; and Moore, John M., to Smith, David B. Rowing machine. 277,304, 1-22-85, Cl. D21-195.000.
- Smith, David B.; and Miller, Randolph F., to Precor Incorporated. Exercise bicycle. 279,206, 6-11-85, Cl. D21-194.000.
- Smith, David B., to Precor Incorporated. Treadmill. 280,002, 8-6-85, Cl. D21-192.000.
- Smith, David B.; Miller, Randolph F.; and Moore, John M., to Precor Incorporated. Exercise bicycle. 280,923, 10-8-85, Cl. D21-194.000.
- Smith, Dee A. Novelty beanie. 280,948, 10-15-85, Cl. D2-248.000
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  - Laude, Michael E.; Pendelton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 277,863, Cl. D15-69.000.
  - Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 278,912, Cl. D15-69.000.
  - Laude, Michael E.; Pendleton, Thomas J.; Smith, Douglas W.; Dawson, Robert E.; and Blance, Andrew J., 279,295, Cl. D15-66.000.
- Smith, Edward R., to Sealed Air Corporation. Swimming pool cover positioning unit. 279,165, 6-11-85, Cl. D8-354.000.
- Smith, Gary R. Reel for kites and the like. 281,763, 12-17-85, Cl. D8-359.000.
- Smith, George D.: *See—*
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- Smith, Kenneth R.: *See—*
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- Smith, Kim F., to Mosely, Neal J., a part interest. Bookcase for telephone directories. 277,350, 1-29-85, Cl. D6-471.000.
- Smith, Lloyd T.; Bauer, Harold F.; and Roth, Allen K., to Fiskars Manufacturing Corporation. Hand grip handle for detachable tools. 278,971, 5-28-85, Cl. D8-107.000.
- Smith, Lloyd T.; Berry, Loren E.; Ediger, Glen W.; Hindman, Thomas E.; and Ten Eyck, Richard E., to Fiskars Manufacturing Corporation. Hand grip for hand tools. 279,254, 6-18-85, Cl. D8-107.000.
- Smith, Lonnie M.: *See—*
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- Smith, Martin: *See—*
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- Smith, Mary A., to Quaker Oats Company, The. Toy vehicle. 277,689, 2-19-85, Cl. D21-134.000.
- Smith, Michael F. Baseboard drainage collecting channel. 279,315, 6-18-85, Cl. D25-74.000.
- Smith, Morley L., to T. S. Simms & Co. Limited. Handle for paint roller frame. 278,953, 5-28-85, Cl. D4-138.000.
- Smith, Morley L., to T. S. Simms & Co. Limited. Leg for a paint tray. 280,562, 9-10-85, Cl. D32-53.100.
- Smith, Morley L., to T. S. Simms & Co. Ltd. Paint tray having support legs. 280,855, 10-1-85, Cl. D32-53.100.
- Smith, Richard J.; Kuczynski, Lawrence S.; and Stasko, Michael D., to Mr. Gasket Company. Ignition wire separator for engines. 278,793, 5-14-85, Cl. D8-357.000.
- Smith, Robert M., to Royal Appliance Mfg. Co. Hand vacuum. 280,246, 8-20-85, Cl. D32-18.000.
- Smith, Robert M., to R. M. Smith, Inc. Lawn and garden sprayer. 280,924, 10-8-85, Cl. D23-18.000.
- Smith, Roger R., to Hardinge Brothers, Inc. Collet holder. 278,245, 4-2-85, Cl. D15-140.000.
- Smith, Roger R., to Hardinge Brothers, Inc. Collet holder. 278,344, 4-9-85, Cl. D15-140.000.
- Smith, Ronald L.: *See—*
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  - Syme, Duncan C.; Smith, Vance R.; and Tyrol, Brian J., 278,955, Cl. D6-381.000.
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- Smith, Warren D. Hand seamer tool for standing seam roofs. 278,511, 4-23-85, Cl. D8-52.000.
- Smith, Wayne G. Elastic projectile for a handgun projector. 277,882, 3-5-85, Cl. D21-145.000.
- Smith, Willard G., Jr. Cabinet for toothbrushes, toothpaste or the like. 281,476, 11-26-85, Cl. D6-559.000.
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  - Norton, Edward J.; Clay, Ronald L.; and Smotrycz, Zenon O., 278,760, Cl. D2-320.000.
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- Snaper, Alvin A. Autogenous impact mill. 277,678, 2-19-85, Cl. D15-123.000.
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  - Aldrich, Thomas B.; Pardo, John; and Snyder, Martin H., 280,816, Cl. D14-63.000.
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- Soininen, Jarmo A., to Asoma Oy. Slalom shoe suitcase. 278,949, 5-28-85, Cl. D3-36.000.
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- Solomon, John J., Jr. Toy glider. 279,914, 7-30-85, Cl. D21-89.000.
- Somers, Robert I., to Black & Decker, Inc. Sander/polisher. 277,638, 2-19-85, Cl. D8-62.000.
- Somers, Robert I., to Black & Decker, Inc. Reversible electric drill. 280,379, 9-3-85, Cl. D8-61.000.
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- Spreckelmeier, Lawrence E., to Senmed, Inc. Surgical ligating instrument. 279,500, 7-2-85, Cl. D24-26.000.
- Spreckelmeier, Lawrence E.; and Burtoft, William K., to Senmed, Inc. Surgical stapling instrument. 279,501, 7-2-85, Cl. D24-26.000.
- Springer, Robert H. Bird feeder. 278,466, 4-16-85, Cl. D30-15.000.
- Square D Company: *See—*
  - Levin, Monte L.; and Daly, John J., 280,082, Cl. D10-118.000.
  - Levin, Monte L.; and Daly, John J., 280,083, Cl. D10-118.000.
  - Todd, Jerald C., 277,749, Cl. D13-24.000.
- Stachler, Thomas H. Tab opener for easy-open cans. 281,217, 11-5-85, Cl. D8-33.000.
- Stack Manufacturing Company Limited, The: *See—*
  - Haythornthwaite, Peter F., 281,809, Cl. D23-97.000.
  - Haythornthwaite, Peter F., 281,810, Cl. D23-97.000.
- Stacor Corporation: *See—*
  - Morcheles, Bernard, 278,918, Cl. D19-52.000.
- Stacy, George F., to HSS Industries, Inc. Mail convenience center. 279,724, 7-16-85, Cl. D99-29.000.
- Stadnik, George O., to Interactive Entertainment Corp. Fiber optic light pattern generator. 279,505, 7-2-85, Cl. D26-27.000.
- Stafford, William. Decorative lamp. 279,316, 6-18-85, Cl. D26-98.000.
- Stahel, Alwin J., to Drag Specialties, Inc. Motorcycle lower fuel pump cover. 279,663, 7-16-85, Cl. D12-126.000.
- Stahel, Alwin J., to Drag Specialties, Inc. Motorcycle valve cover. 280,495, 9-10-85, Cl. D12-126.000.
- Stahel, Alwin J.; and Rudd, Thomas H., to Drag Specialties, Inc. Motorcycle manifold cover. 281,770, 12-17-85, Cl. D12-126.000.
- Stahel, Alwin J., to Drag Specialties, Inc. Dual set of louvers for insertion in the openings of a motorcycle engine fairing. 281,875, 12-24-85, Cl. D12-182.000.
- Stahel, Alwin J.: *See—*
  - Preisler, James M.; and Stahel, Alwin J., 279,662, Cl. D12-114.000.
  - Preisler, James M.; and Stahel, Alwin J., 279,927, Cl. D26-35.000.
  - Preisler, James M.; and Stahel, Alwin J., 280,310, Cl. D12-114.000.
  - Preisler, James M.; Stahel, Alwin J.; and Rudd, Thomas H., 281,593, Cl. D12-126.000.
- Stairs, Henry M., Jr., to American Standard Inc. Bathtub. 278,742, 5-7-85, Cl. D23-55.000.
- Stairs, Henry M., Jr., to American Standard Inc. Bathtub. 278,844, 5-14-85, Cl. D23-55.000.
- Stairs, Henry M., Jr., to American Standard Inc. Cabinet-top lavatory. 281,449, 11-19-85, Cl. D23-58.000.
- Stairs, Henry M., Jr.: *See—*
  - Niemann, James E.; and Stairs, Henry M., Jr., 279,923, Cl. D23-32.000.
- Stalberger, Robert J., Jr.; and Kennedy, LeRoy F., to Kenncorp Sports, Inc. Game footbag. 281,521, 11-26-85, Cl. D21-203.000.
- Stalvall & Larsson Forsaljnings AB.: *See—*
  - Larsson, Bertil, 279,378, Cl. D15-138.000.
- Standard Car Truck Company: *See—*
  - Powell, Patrick L., 278,132, Cl. D10-98.000.
- Standard-Knapp, Inc.: *See—*
  - Dickes, Theodore W., 281,484, Cl. D9-432.000.
- Standard Locknut & Lockwasher Inc.: *See—*
  - Lenceski, Joseph W., 277,557, Cl. D10-73.000.
- Standard Oil Company (Indiana): *See—*
  - Haney, Jack E.; Mager, Sue A.; and Mikolaitis, William B., 279,167, Cl. D9-378.000.
- Standex International Corporation: *See—*
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- Stanley, Ben F. Jeans. 279,043, 6-4-85, Cl. D2-29.000.
- Stanley Electric Co., Ltd.: *See—*
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  - Takahashi, Kaoru, 278,048, Cl. D13-12.000.
  - Takahashi, Kaoru; and Koyama, Minoru, 278,049, Cl. D13-12.000.
  - Takahashi, Kaoru, 280,812, Cl. D13-24.000.
- Stanley, Tina M.; and Roberts, Mark T. Sash. 280,570, 9-17-85, Cl. D2-385.000.
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  - DeCarolis, Joseph P., 277,544, Cl. D8-71.000.
  - Drechsler, Mark A., 279,553, Cl. D10-72.000.
  - MacGregor, Francis W., 278,593, Cl. D8-83.000.
- Stanley Works Limited, The: *See—*
  - Groves, Michael H., 279,958, Cl. D8-90.000.
  - Groves, Michael H., 281,857, Cl. D8-101.000.
- Stansbury, Benjamin H., Jr., to Redken Laboratories, Inc. Handle for a curling iron or styler. 279,033, 5-28-85, Cl. D28-35.000.
- Stanton, Joseph E. Storage case for tape cartridges. 278,112, 3-26-85, Cl. D6-407.000.
- Stanton, William, to Tetrad Design Group Inc. Alarm signal bracelet. 279,671, 7-16-85, Cl. D14-52.000.
- Staodynamics, Inc.: *See—*
  - Nightingale, Peter A., 279,709, Cl. D24-41.000.
- Stapleton, Craig A., to Masco Corporation. Article carrier tie-down bracket. 276,990, 1-1-85, Cl. D12-157.000.
- Stark, Ted, to M & M Luggage Co., Inc. Luggage. 278,001, 3-19-85, Cl. D3-77.000.
- Starsearch, Ltd.: *See—*
  - Catlett, Doyle, 281,150, Cl. D12-101.000.
- Starzec, Edward M., to Chas. "Robby" Robinson Enterprises, Inc. Bowling ball and shoe carrier. 277,903, 3-12-85, Cl. D3-36.000.
- Stasko, Michael D.: *See—*
  - Smith, Richard J.; Kuczynski, Lawrence S.; and Stasko, Michael D., 278,793, Cl. D8-357.000.
- Stasney, Arthur J., to Electro-Sport, Inc. Game cabinet. 280,747, 9-24-85, Cl. D21-13.000.
- Staufenberg, Donald J., to Rubbermaid Incorporated. Food storage dish. 277,632, 2-19-85, Cl. D7-76.000.
- Stawski, Karl-Heinz: *See—*
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- Stearns Manufacturing Company: *See—*
  - Evert, Karla R., 279,595, Cl. D21-238.000.
  - Evert, Karla R., 279,701, Cl. D21-238.000.
- Stedman, Robert E. Torsion exercising apparatus. 281,712, 12-10-85, Cl. D21-195.000.
- Steelcase Inc.: *See—*
  - Buhk, Randall P.; Hozeski, Kenneth W.; and Karrip, Alex, 277,525, Cl. D6-366.000.
  - Keeler, Robert A., 277,907, Cl. D6-372.000.
  - Keeler, Robert A., 278,395, Cl. D6-332.000.
  - Raftery, William B., 281,208, Cl. D6-449.000.
- Steensland, David B.; and McBride, William E., to Lowrance Electronics, Inc. Housing for sonar unit. 278,690, 5-7-85, Cl. D10-46.000.
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  - Byrne, Philip J.; and Stege, John B., 281,382, Cl. D6-474.000.
- Steidel, Clinton F., to Transco Products, Inc. Wave guide switch. 278,141, 3-26-85, Cl. D13-32.000.
- Steinberg, Michael T. Dental stain removal tool. 279,706, 7-16-85, Cl. D24-11.000.
- Steinberger, Ned, to Simmons Universal Corporation. Armchair. 277,346, 1-29-85, Cl. D6-374.000.
- Steinbugler, Robert E.: *See—*
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- Steiner Corporation: *See—*
  - Steiner, Robert L., 278,887, Cl. D9-403.000.
- Steiner, Robert L., to Steiner Corporation. Soap container. 278,887, 5-21-85, Cl. D9-403.000.
- Steiner, Willa J. Christmas tree ornament. 278,988, 5-28-85, Cl. D11-125.000.
- Steinfurth, James: *See—*
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- Stenerud, Jan, to Jan Stenerud and Company, Inc. Football kicking tee. 277,973, 3-12-85, Cl. D21-209.000.
- Stephen, George, Jr.: *See—*
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- Stephens, William I., to Knoll International, Inc. Dual surface support stand for an office terminal and keyboard. 280,478, 9-10-85, Cl. D6-477.000.
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- Sterling, Alton H.: *See—*
  - Schroeder, Verdell H.; Sterling, Alton H.; and Rozenberg, Josef H., 278,538, Cl. D15-72.000.
- Sterling-Drug, Inc.: *See—*
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- Stern, Arthur L., Jr.: *See—*
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- Stern, Carl M.; and Lerch, Karl D., to Quaker Oats Company, The. Toy space vehicle. 279,806, 7-23-85, Cl. D21-128.000.
- Stern, Harold; and Suleiman, Elisabeth, to International Playtex, Inc. Brassiere. 278,945, 5-28-85, Cl. D2-24.000.
- Stern, Marilyn M., to Ninth Moon. Maternity skirt or the like. 279,136, 6-11-85, Cl. D2-223.000.
- Stevens, Albert F.; and Haley, Paul E., to Opex Corporation. Mail extracting and sorting desk. 277,624, 2-19-85, Cl. D6-422.000.
- Stevens, Charles R. Bow rack. 278,490, 4-23-85, Cl. D6-462.000.
- Stevens, James T., to Power Controls Corp. Packaging container for electrical switches. 281,580, 12-3-85, Cl. D9-415.000.
- Stevens, Julius J., to Teledyne Industries, Inc. Starter motor for an engine. 281,239, 11-5-85, Cl. D15-5.000.

- Stevens, Mark T. Display rack for stationery sets. 280,369, 9-3-85, Cl. D6-468.000.
- Stevens, Max L.; and Goeckeler, William P., to 24 Hour Postal Center, Inc. Postal center unit. 279,419, 6-25-85, Cl. D99-29.000.
- Stevens, Max L.; and Goeckeler, William P., to 24 Hour Postal Center, Inc. Postal center unit. 279,619, 7-9-85, Cl. D99-29.000.
- Stevens, Philip H., to Gentex Corporation. Sound-attenuating earcups. 281,159, 10-29-85, Cl. D14-37.000.
- Steventon, Arnold R.; and Butler, Robert F. Airline passenger seat back combined LCD display and battery pack unit for an entertainment and information system. 281,940, 12-31-85, Cl. D6-492.000.
- Steward Smith Investments Limited: *See—*
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- Stewart, Charles R. Tool carrier. 280,358, 9-3-85, Cl. D2-400.000.
- Stewart, James B.: *See—*
  - Rittenhouse, James M.; and Stewart, James B., 278,085, Cl. D28-13.000.
  - Rittenhouse, James M.; and Stewart, James B., 281,021, Cl. D28-29.000.
  - Rittenhouse, James M.; and Stewart, James B., 281,023, Cl. D28-35.000.
- Stich, Willi L. Acoustic pickup for stringed instrument. 279,380, 6-25-85, Cl. D17-20.000.
- Stig Ravn A/S: *See—*
  - Jensen, Iwan B., 279,643, Cl. D7-76.000.
- Stirling, William V.: *See—*
  - Powers, Sidney A.; Rosenthal, Gordon; and Stirling, William V., 278,700, Cl. D12-342.000.
- Stoddard, John, to Plessey Overseas Limited. Base with dialing means, for a transceiver handset. 279,778, 7-23-85, Cl. D14-62.000.
- Stoica, Ion: *See—*
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- Stolarz, Edward M., to Kidde, Inc. (Presto Lock Company Division). Luggage article front panel. 279,429, 7-2-85, Cl. D3-76.000.
- Stolarz, Edward M., to Presto Lock, Inc. Luggage article front panel. 279,940, 8-6-85, Cl. D3-76.000.
- Stolhand, James R. Stringed musical instrument. 281,075, 10-22-85, Cl. D17-19.000.
- Stoller, Mark W.: *See—*
  - Hartmann, Udo; Stoller, Mark W.; and Grandy, Kenneth N., 281,949, Cl. D8-345.000.
- Stolzer, Paul, to Keuro Maschinenbau GmbH & Co. Kommanditgesellschaft. Power hack saw. 277,008, 1-1-85, Cl. D15-133.000.
- Stone, Davis P., to Hopkins Engineering Company. Electrical power module. 278,624, 4-30-85, Cl. D13-24.000.
- Stoner, Bill W.: *See—*
  - Burris, Richard L.; and Stoner, Bill W., 278,868, Cl. D6-347.000.
- Stoner, Eugene A.: *See—*
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- Storlie, John W. Lift hitch pin. 278,436, 4-16-85, Cl. D15-28.000.
- Stourton, Virginia; and Clear, Michael C. Stem glass holder. 281,565, 12-3-85, Cl. D7-39.000.
- Stow & Davis Furniture Company: *See—*
  - Ogg, Richard K., 279,943, Cl. D6-375.000.
  - Ogg, Richard K., 281,840, Cl. D6-366.000.
  - Schultz, Moses R., 276,957, Cl. D6-366.000.
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  - Dair, Thomas M.; Stowell, Davin B.; and Viemeister, Tucker L., 278,964, Cl. D7-15.000.
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  - Lane, James; and Straker, Rod, 280,488, Cl. D9-376.000.
- Strang, Mark J. Rocker. 278,293, 4-9-85, Cl. D6-348.000.
- Strayer, Jerry L. Foldable grocery cart. 280,039, 8-6-85, Cl. D34-24.000.
- Street, Lawrence M., to Hy-Per-Graph Limited. Flask-supportable stirrer drive unit. 280,235, 8-20-85, Cl. D24-8.000.
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- Strickland, George B. Pet watering dish or similar article. 278,371, 4-9-85, Cl. D30-13.000.
- Strobe, Carl J. Packaging container. 280,703, 9-24-85, Cl. D9-331.000.
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- Strobel, Lucille C.; and Strobel, Gerald E. Compartmented carrying tray for cosmetics or the like. 281,929, 12-31-85, Cl. D3-39.000.
- Strombecker Corporation: *See—*
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- Stromberg, Per S. Combined packing and storing box for fish. 281,367, 11-12-85, Cl. D34-40.000.
- Strongwater, Murray. Steering wheel cover. 280,314, 8-27-85, Cl. D12-177.000.
- Stubblefield, Jerry D., to Pensa, Inc. Shoe sole. 280,568, 9-17-85, Cl. D2-320.000.
- Stubbmann, Albert. Inflatable riding toy. 281,261, 11-5-85, Cl. D21-74.000.
- Stubrick, James. One-piece coat-like shirt. 281,637, 12-10-85, Cl. D2-184.000.
- Stuenkel, Walter E., to Bassett Furniture Industries, Inc. Seat. 281,554, 12-3-85, Cl. D6-334.000.
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  - Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., 281,601, Cl. D14-68.000.
  - Liautaud, James P.; Stultz, Peter F.; and Maloney, David L., 281,602, Cl. D14-68.000.
- Stultz, Robert L.; Angel, James M.; and Kopsa, Rodney. Leverage tool support member. 278,791, 5-14-85, Cl. D8-88.000.
- Stumbaugh, Paul D.; and Thompson, Dallas A. Physical exerciser. 279,918, 7-30-85, Cl. D21-194.000.
- Sturdza, Georges, to La Brosse et Dupont, S.A. Toothbrush. 279,526, 7-9-85, Cl. D4-104.000.
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  - Mau, Roberta L.; and Manos, Christopher A., 279,717, Cl. D26-101.000.
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- Sugimoto, Kouichi: *See—*
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- Sugimoto, Tatsuo, to Daiwa Seiko, Inc. Fishing reel spool. 278,359, 4-9-85, Cl. D22-25.000.
- Sugino, Yoshito, to Sugiyo Co., Ltd. Molded fish meat product. 279,935, 8-6-85, Cl. D1-111.000.
- Sugiyama, Masakazu: *See—*
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  - Fujii, Hiroshi; Moritani, Hiroshi; Sugiyama, Masakazu; and Iwahashi, Wataru, 281,139, Cl. D7-351.000.
- Sugiyama, Masako, to Canon Kabushiki Kaisha. Electronic studying machine. 280,530, 9-10-85, Cl. D19-60.000.
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- Sugiyama, Yoshihiko; and Kawamura, Ken, to Matsushita Electric Industrial Co., Ltd. Combined time recorder and data collection system. 277,170, 1-15-85, Cl. D10-41.000.
- Sugiyo Co., Ltd.: *See—*
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- Sujanani, Vinod S., to Vhoom Systems Limited. AM/FM Foldable radio. 278,535, 4-23-85, Cl. D14-68.000.
- Sujanani, Vinod S., to Electronic Sports Collection (Far East) Limited, The. Portable combined cassette player, tuner, amplifier and speakers. 281,494, 11-26-85, Cl. D14-5.000.
- Sukovich, Suzanne B. Monitor board for pill-taking schedule. 281,176, 10-29-85, Cl. D20-18.000.
- Suleiman, Elisabeth: *See—*
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- Sullivan, George P. Combination fiberglass swimming pool and spa. 277,135, 1-8-85, Cl. D24-38.000.
- Sullivan, George P., to San Juan Products, Inc. Prefabricated swimming pool. 278,932, 5-21-85, Cl. D25-2.000.
- Sullivan, George P., to San Juan Products, Inc. Prefabricated swimming pool. 278,933, 5-21-85, Cl. D25-2.000.
- Sullivan, John F. Closure-penetrating support for a bottle. 280,692, 9-24-85, Cl. D7-398.000.
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- Sultan Dental Products Ltd.: *See—*
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  - Seid, Paul; and Wolfe, Herbert, 281,530, Cl. D24-10.000.
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- Sumitomo Rubber Industries, Ltd.: *See—*
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  - Kusube, Haruo, 279,890, Cl. D12-146.000.
  - Nagayasu, Hideaki, 277,092, Cl. D12-146.000.
  - Nagayasu, Hideaki, 277,468, Cl. D12-147.000.
  - Nagayasu, Hideaki, 277,950, Cl. D12-147.000.
  - Takehara, Kenji, 279,365, Cl. D12-147.000.
  - Takehara, Kenji, 279,366, Cl. D12-147.000.
- Summagraphics Corporation: *See—*
  - Ferrara, Daniel A., Jr., 280,725, Cl. D14-114.000.
- Summers, James A. Opener for pop-top containers. 281,389, 11-19-85, Cl. D8-40.000.
- Sumpter, Wade D. Christmas tree stand. 279,887, 7-30-85, Cl. D11-130.100.
- Sunbeam Corporation: *See—*
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  - Ernest, Robert O., 277,327, Cl. D32-70.000.
  - Hemrich, William R., Jr.; and Bluestein, Bernard B., 277,418, Cl. D28-38.000.

Madl, Alfred W.; and Kirschling, Charles J., 278,305, Cl. D7-352.000.
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Suponitsky, Lenny, to Bollinger, Bob; and Bollinger, Glenn. Nut. 278,029, 3-19-85, Cl. D8-397.000.
Surber, Charles F. Front rifle scope shade. 279,193, 6-11-85, Cl. D16-132.000.
Surber, Charles F. Front rifle scope shade. 279,194, 6-11-85, Cl. D16-132.000.
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Survance, Michael W.; and Survance, John D. Puck. 279,996, 8-6-85, Cl. D21-51.000.
Sussman, Barbara S.; and Baiman, Sybil, to Jewish Federation of Allentown. Apple-shaped broach. 278,611, 4-30-85, Cl. D11-67.000.
Sussman, Howard. Manicure bowl. 278,367, 4-9-85, Cl. D28-61.000.
Sussman, Howard. Telescoping dispenser for cotton balls or the like. 278,684, 5-7-85, Cl. D9-339.000.
Sussman, Morris, to Shore Plastics Inc. Talc powder dispenser. 278,121, 3-26-85, Cl. D9-352.000.
Sussman, Morris, to Shore Plastics, Inc. Cosmetic compact. 281,914, 12-24-85, Cl. D28-83.000.
Sussman, Morris, to Shore Plastics, Inc. Cosmetic compact with slide-out drawers. 281,915, 12-24-85, Cl. D28-83.000.
Sutherland, Christopher C., to Craft, Inc. Picture frame hanger-clip. 279,431, 7-2-85, Cl. D6-300.000.
Sutoh, Shigeru; and Horie, Hideyuki, to Tokyo Shibaura Denki Kabushiki Kaisha. Electronic copying machine. 280,104, 8-13-85, Cl. D16-31.000.
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Hara, Kunio; Sutoh, Shigeru; Okuyama, Tooru; and Fujii, Kiyoshi, 278,152, Cl. D16-31.000.
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Lawrence, Bruce R.; and Christensen, James M., 277,509, Cl. D24-33.000.
Sgarlato, Thomas E.; and Christensen, James M., 277,784, Cl. D24-33.000.
Suttles, James M., to Royston Manufacturing Corporation. Outdoor telephone booth. 278,400, 4-16-85, Cl. D6-553.000.
Sutz, Richard K., to Wind Baron Corporation. Windmill. 279,293, 6-18-85, Cl. D15-1.000.
Suzuki, Hiroaki: *See—*
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Suzuki, Ikuo, to Tomy Kogyo Company, Incorporated. Toy jack in the box. 280,219, 8-20-85, Cl. D21-59.000.
Suzuki Jidosha Kogyo Kabushiki Kaisha: *See—*
Murakami, Tsuyoshi, 277,088, Cl. D12-107.000.
Murakami, Tsuyoshi, 278,422, Cl. D12-110.000.
Murakoshi, Hisashi, 277,743, Cl. D12-110.000.
Suzuki, Kiyoshi: *See—*
Mitani, Kiyoshi; Yonekura, Hiroshi; Suzuki, Kiyoshi; and Sugihara, Osamu, 278,629, Cl. D14-80.000.
Suzuki, Masataka; and Masuda, Hitoshi, to NEC Corporation. Mobile radio transceiver. 281,974, 12-31-85, Cl. D14-68.000.
Suzuki, Masumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Fluorescent lamp. 279,031, 5-28-85, Cl. D26-3.000.
Suzuki, Masumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Fluorescent lamp. 279,127, 6-4-85, Cl. D26-3.000.
Suzuki, Masumi, to Tokyo Shibaura Denki Kabushiki Kaisha. Fluorescent lamp. 279,128, 6-4-85, Cl. D26-3.000.
Suzuki Musical Instrument Corporation: *See—*
Sinkoff, Barry N.; and Feldman, Howard P., 278,917, Cl. D17-1.000.
Suzuki, Shigeo. Grain moisture meter. 278,606, 4-30-85, Cl. D10-56.000.
Suzuki, Susumu; Uchihori, Noritaka; and Fukasawa, Naoto, to Kabushiki Kaisha Suwa Seikosha. Watch. 278,685, 5-7-85, Cl. D10-38.000.
Suzuki, Susumu; Uchihori, Noritaka; and Fukazawa, Naoto, to Kabushiki Kaisha Suwa Seikosha. Watch. 279,081, 6-4-85, Cl. D10-38.000.
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Fukasawa, Naoto; Suzuki, Susumu; and Uchihori, Noritaka, 279,006, Cl. D14-77.000.
Suzuki, Toshikazu. Stapler. 277,928, 3-12-85, Cl. D8-50.000.
Suzuki, Toshio; and Maezono, Takashi, to Toybox Corporation. Toy trackway. 277,205, 1-15-85, Cl. D21-143.000.
Suzuki, Yoshiaki, to Toko Kogyo Kabushiki Kaisha. Winding reel. 281,482, 11-26-85, Cl. D8-358.000.
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Swartzendruber, James A.; Rehn, Gary A.; and Self, Edwin C., to Deere & Company. Plow frame. 281,881, 12-24-85, Cl. D15-33.000.
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Power, John J.; and Washington, Gerald T., 277,162, Cl. D8-50.000.
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Swope, Virgil R., Jr. Toothbrush. 278,002, 3-19-85, Cl. D4-104.000.
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Peeler, Donald H.; and Calabra, Daniel, 278,937, Cl. D26-65.000.
Peeler, Donald H.; and Calabra, Daniel, 279,611, Cl. D26-65.000.
Sydlowski, William E.; and Trent, Harold A., to Rule Industries, Inc. Boring tool or similar article. 278,065, 3-19-85, Cl. D15-139.000.
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- Syntex (U.S.A.) Inc.: *See—*
  - Alsup, James D., Jr.; and Bartlett, Randall N., 280,517, Cl. D16-14.000.
  - Bartlett, Randall N.; Broadhead, James H.; and Wilbur, Lawrence A., 281,656, Cl. D6-361.000.
- Syracuse China Corporation: *See—*
  - Colquitt, Simone, 277,159, Cl. D7-39.000.
  - Colquitt, Simone, 278,589, Cl. D7-9.000.
  - Colquitt, Simone, 281,045, Cl. D7-33.000.
  - Colquitt, Simone, 281,047, Cl. D7-39.000.
  - Colquitt, Simone, 281,126, Cl. D7-32.000.
  - Colquitt, Simone, 281,129, Cl. D7-33.000.
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  - Colquitt, Simone, 281,134, Cl. D7-39.000.
  - Unger, Steve A., 279,446, Cl. D7-39.000.
  - Unger, Steve A., 280,961, Cl. D7-39.000.
  - Unger, Steve A., 280,962, Cl. D7-39.000.
  - Unger, Steve A., 280,963, Cl. D7-39.000.
  - Unger, Steve A., 281,127, Cl. D7-33.000.
  - Unger, Steve A., 281,128, Cl. D7-33.000.
  - Unger, Steve A., 281,130, Cl. D7-36.000.
  - Unger, Steve A., 281,131, Cl. D7-36.000.
  - Unger, Steve A., 281,132, Cl. D7-39.000.
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  - Zughaib, Helen, 281,046, Cl. D7-33.000.
- Syroco, Inc.: *See—*
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  - Deacon, Ross, 279,616, Cl. D34-6.000.
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- Systems Manufacturing Corporation: *See—*
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- Szablak, Michael J.; and Tomblin, Glen E., to Rubbermaid Commercial Products Inc. Typist's copy stand. 280,218, 8-20-85, Cl. D19-91.000.
- Szemeredi, Robert S.: *See—*
  - Fechtner, Harold F.; and Szemeredi, Robert S., 277,024, Cl. D23-19.000.
- Szigeti, Elemer. Wristwatch case face and knob. 279,359, 6-25-85, Cl. D10-126.000.
- T.D.K. Corp.: *See—*
  - Mitsui, Tadashi, 280,810, Cl. D13-4.000.
- T. S. Simms & Co. Limited: *See—*
  - Smith, Morley L., 278,953, Cl. D4-138.000.
  - Smith, Morley L., 280,562, Cl. D32-53.100.
  - Smith, Morley L., 280,855, Cl. D32-53.100.
- Tabor, James A. Sight-transposing enabling keyboard for musical instruments. 281,784, 12-17-85, Cl. D17-9.000.
- Tada, Tetsuya, to Canyon Corporation. Container body. 277,361, 1-29-85, Cl. D9-355.000.
- Tada, Tetsuya, to Canyon Corporation. Piston for a pressurized dispensing container. 278,127, 3-26-85, Cl. D9-434.000.
- Tada, Tetsuya, to Canyon Corporation. Pressurized dispensing container. 279,166, 6-11-85, Cl. D9-300.000.
- Taggart, Robert E.: *See—*
  - Honeyman, R. Blakeley; Taggart, Thomas D.; and Taggart, Robert E., 279,074, Cl. D8-14.100.
- Taggart, Thomas D.: *See—*
  - Honeyman, R. Blakeley; Taggart, Thomas D.; and Taggart, Robert E., 279,074, Cl. D8-14.100.
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- Takada, Juichiro. Child safety seat for vehicles. 278,482, 4-23-85, Cl. D6-333.000.
- Takada, Juichiro. Child safety seat for vehicles. 278,483, 4-23-85, Cl. D6-333.000.
- Takada, Kazuo: *See—*
  - Yajima, Hiroshi; Takada, Kazuo; Yamawaki, Yuichiro; Egashira, Teruaki; Matsui, Nobuo; and Arita, Toyomi, 280,136, Cl. D28-49.000.
- Takada, Sanae: *See—*
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  - Kato, Shigemasa; and Takada, Sanae, 281,251, Cl. D18-1.000.
  - Kato, Shigemasa; and Takada, Sanae, 281,252, Cl. D18-1.000.
  - Kato, Shigemasa; and Takada, Sanae, 281,434, Cl. D18-1.000.
- Takagi, Hisamitsu; Hashiguchi, Hiroichi; and Takehara, Tomoyuki, to Fujitsu Limited. Mobile telephone set. 278,626, 4-30-85, Cl. D14-53.000.
- Takagi, You, to Pioneer Electronic Corporation. Loudspeaker. 278,530, 4-23-85, Cl. D14-30.000.
- Takagi, You, to Pioneer Electronic Corporation. Loudspeaker. 281,157, 10-29-85, Cl. D14-30.000.
- Takahashi, Akira; Itou, Fumitaka; Kiyota, Toru; Fujii, Takashi; and Kawaguchi, Mitsuo, to Hitachi, Ltd. Television receiver. 281,162, 10-29-85, Cl. D14-82.000.
- Takahashi, Eiji; Mori, Mamoru; and Itoh, Takao, to Hitachi, Ltd. Audio disc player. 281,685, 12-10-85, Cl. D14-14.000.
- Takahashi, Kaoru, to Stanley Electric Co., Ltd. Light-emitting diode semiconductor chip with leads. 277,955, 3-12-85, Cl. D13-12.000.
- Takahashi, Kaoru, to Stanley Electric Co., Ltd. Light-emitting diode semiconductor chip with leads. 278,048, 3-19-85, Cl. D13-12.000.
- Takahashi, Kaoru; and Koyama, Minoru, to Stanley Electric Co., Ltd. Light-emitting diode semiconductor chip with leads. 278,049, 3-19-85, Cl. D13-12.000.
- Takahashi, Kaoru, to Stanley Electric Co., Ltd. Light-emitting diode semiconductor chip with leads. 280,812, 10-1-85, Cl. D13-24.000.
- Takahashi, Katsumasa; and Kikuchi, Katsutoshi, to Sony Corporation. Magnetic disc. 277,858, 3-5-85, Cl. D14-114.000.
- Takahashi, Mitsuo, to Central Koyo Co., Ltd. Tooth mirror. 278,745, 5-7-85, Cl. D24-13.000.
- Takahashi, Mutsumi; Sato, Shosuke; and Matsuzawa, Hideshi, to Tokyo Keiki Company Limited. Optical character reader. 277,006, 1-1-85, Cl. D14-107.000.
- Takahashi, Noriko, to Sharp Corporation. Electronic calculator with printer. 279,110, 6-4-85, Cl. D18-7.000.
- Takara Co., Ltd.: *See—*
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  - Ogawa, Iwakichi, 278,643, Cl. D21-128.000.
  - Ogawa, Iwakichi, 279,591, Cl. D21-132.000.
  - Ogawa, Iwakichi, 279,592, Cl. D21-136.000.
  - Ohno, Kouzin, 279,804, Cl. D21-87.000.
  - Ohno, Kouzin, 281,001, Cl. D21-136.000.
  - Ohno, Kouzin, 281,087, Cl. D21-136.000.
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- Takasugi, Noboru, to Olympus Optical Co., Ltd. Case for a multiplicity of liquid sample containers for a multitest chemistry analyzer. 280,131, 8-13-85, Cl. D24-31.000.
- Takata, Kazuaki, to Olympus Optical Co. Ltd. Tape recorder. 277,475, 2-5-85, Cl. D14-6.000.
- Takata, Kazuaki, to Olympus Optical Co., Ltd. Microphone. 278,333, 4-9-85, Cl. D14-12.000.
- Takata, Kazuaki, to Olympus Optical Co., Ltd. Tape recorder case. 278,853, 5-21-85, Cl. D2-400.000.
- Takata, Kazuaki, to Olympus Optical Co., Ltd. Tape recorder. 278,899, 5-21-85, Cl. D14-6.000.
- Takata, Kazuaki, to Olympus Optical Co., Ltd. Tape recorder. 278,900, 5-21-85, Cl. D14-6.000.
- Takata, Kazuaki, to Olympus Optical Co., Ltd. Tape recorder. 279,097, 6-4-85, Cl. D14-6.000.
- Takata, Yoshiro: *See—*
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- Takatsuka, Sadao: *See—*
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- Takehara, Kenji, to Sumitomo Rubber Industries, Ltd. Vehicle tire. 279,366, 6-25-85, Cl. D12-147.000.
- Takehara, Tomoyuki: *See—*
  - Takagi, Hisamitsu; Hashiguchi, Hiroichi; and Takehara, Tomoyuki, 278,626, Cl. D14-53.000.
- Takei, Masaharu, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Toy music box. 280,837, 10-1-85, Cl. D21-64.000.
- Takenaka, Kazumasa: *See—*
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  - Mishiro, Benito; Ohta, Kikuo; Hoshino, Kunio; Takenaka, Kazumasa; and Kido, Katsutoshi, 278,144, Cl. D14-5.000.
- Takeuchi, Akitaka; Abe, Takeshi; and Endo, Hiroshi, to Hitachi, Ltd. Facsimile transceiver. 281,780, 12-17-85, Cl. D14-94.000.
- Takeuchi, Akitaka: *See—*
  - Nishiwaki, Katsuhiko; Takeuchi, Akitaka; Endo, Hiroshi; Kawakami, Akihiro; and Matsumura, Hideo, 279,780, Cl. D14-94.000.
- Takeuchi, Hirosato; and Mikiya, Toshio, to Nitto Kohiki Co., Ltd. Solar energy collector or the like. 280,234, 8-20-85, Cl. D23-72.000.
- Takeuchi, Kazutaka, to Blue Box Toy Factory Limited. Toy motorcycle. 277,771, 2-26-85, Cl. D21-81.000.
- Takeuchi, Kazutaka, to Blue Box Toy Factory Limited. Toy truck. 280,115, 8-13-85, Cl. D21-139.000.
- Takeuchi, Kazutaka, to Blue Box Toy Factory Limited. Device for propelling toy cars. 281,442, 11-19-85, Cl. D21-141.000.
- Takizawa, Toshio, to Izumi Seimitsu Kogyo Kabushiki. Electric shaver. 279,825, 7-23-85, Cl. D28-50.000.
- Talany, Tracie L. R. Novelty hat. 279,230, 6-18-85, Cl. D2-251.000.
- Talocci, Giovanna; and Lenci, Fabio, to F.lli Guzzini S.p.A. Shower caddy. 278,288, 4-9-85, Cl. D6-525.000.
- Tam, Sin C.; and Sou, Chong V., to Evergood Toys Manufacturing Ltd. Toy motorcycle. 281,441, 11-19-85, Cl. D21-134.000.
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  - Miyoshi, Ichiro; Nishiyama, Masanobu; Tanaka, Hisaji; and Kanazawa, Fusao, 277,039, Cl. D32-50.000.
- Tanaka Manufacturing Co., Ltd.: *See—*
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  - Tanaka, Yoshihisa, 279,223, Cl. D26-60.000.
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  - Tanaka, Yoshihisa, 279,666, Cl. D12-187.000.
  - Tanaka, Yoshihisa, 279,719, Cl. D27-14.000.
  - Tanaka, Yoshihisa, 279,720, Cl. D27-14.000.
  - Tanaka, Yoshihisa, 279,836, Cl. D3-40.000.
  - Tanaka, Yoshihisa, 279,837, Cl. D3-40.000.
  - Tanaka, Yoshihisa, 279,869, Cl. D10-53.000.
  - Tanaka, Yoshihisa, 279,963, Cl. D10-57.000.

Tanaka, Yoshihisa, 280,014, Cl. D23-150.000.

Tanaka, Yoshihisa, 281,775, Cl. D12-187.000.

Tanaka, Michio; and Hamada, Masanori, to Matsushita Electric Industrial Co., Ltd. Combined tape recorder and radio receiver. 278,231, 4-2-85, Cl. D14-5.000.

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Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Clip light for vehicles. 278,658, 4-30-85, Cl. D26-60.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Door guard for vehicles. 278,895, 5-21-85, Cl. D12-167.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Portable vehicle light. 279,223, 6-11-85, Cl. D26-60.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Coin tray for vehicles. 279,324, 6-18-85, Cl. D99-34.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Side mirror for vehicles. 279,666, 7-16-85, Cl. D12-187.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Ashtray for vehicles. 279,719, 7-16-85, Cl. D27-14.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Ashtray for vehicles. 279,720, 7-16-85, Cl. D27-14.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Bottle holder for vehicles. 279,836, 7-30-85, Cl. D3-40.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Bottle tray for vehicles. 279,837, 7-30-85, Cl. D3-40.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Combined thermometer-hygrometer for vehicles. 279,869, 7-30-85, Cl. D10-53.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Thermometer for vehicles. 279,963, 8-6-85, Cl. D10-57.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Air freshener dispenser for vehicles. 280,014, 8-6-85, Cl. D23-150.000.

Tanaka, Yoshihisa, to Tanaka Manufacturing Co., Ltd. Portable mirror for vehicles. 281,775, 12-17-85, Cl. D12-187.000.

Tanaka, Yuji; and Matsumoto, Hideo, to Tokai Gakki Co., Ltd. Electric guitar tremolo unit. 280,107, 8-13-85, Cl. D17-21.000.

Tanaka, Yuji; and Matsumoto, Hideo, to Tokai Gakki Co., Ltd. Electric guitar string locking device. 280,330, 8-27-85, Cl. D17-20.000.

Tang, Lee S. Screw driver. 278,027, 3-19-85, Cl. D8-82.000.

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Taniyama, Toshiko, to International Playtex, Inc. Brassiere. 276,949, 1-1-85, Cl. D2-24.000.

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Taniyama, Toshiko, to International Playtex, Inc. Brassiere. 277,329, 1-29-85, Cl. D2-24.000.

Tanouye, Harold T. Anthuriums packing board. 277,737, 2-26-85, Cl. D9-456.000.

Tansei, Hikaru, to Bridgestone Tire Company Limited. Vehicle tire. 280,612, 9-17-85, Cl. D12-146.000.

Tantillo, James M.; and Boulanger, Edward L., to Component Manufacturing Service, Inc. Electrical connector. 279,893, 7-30-85, Cl. D13-24.000.

Tapdrup, Erik P., to Interlego A.G. Rattle. 277,491, 2-5-85, Cl. D21-65.000.

Tapdrup, Erik P., to Interlego A.G. Rattle. 277,585, 2-12-85, Cl. D21-65.000.

Tapdrup, Erik P., to Interlego A.G. Rattle. 277,586, 2-12-85, Cl. D21-65.000.

Tapdrup, Erik P., to Interlego A.G. Activity toy. 278,070, 3-19-85, Cl. D21-59.000.

Tapdrup, Erik P., to Interlego A.G. Toy construction piece. 279,697, 7-16-85, Cl. D21-108.000.

Tapdrup, Erik P.; and Olsen, Gert P., to Interlego A.G. Toy air plane. 280,222, 8-20-85, Cl. D21-90.000.

Tapdrup, Erik P.; and Thomsen, Sven Carsten B., to Interlego A.G. Toy crane for construction set or similar article. 280,431, 9-3-85, Cl. D21-108.000.

Tapdrup, Erik P., to Interlego A.G. Toy construction piece. 280,432, 9-3-85, Cl. D21-108.000.

Tapdrup, Erik P.; and Olsen, Gert P., to Interlego A.G. Toy air plane. 280,838, 10-1-85, Cl. D21-90.000.

Tarao, Masaharu; and Watanabe, Katsuhito, to Oki Electric Industry Co., Ltd. Telephone set. 277,377, 1-29-85, Cl. D14-53.000.

Tardif, Pierre; and Laporte, Yvan, to Les Produits Menagers Coronet (1980) Inc. Food saver. 278,674, 5-7-85, Cl. D7-79.000.

Tardif, Pierre; and Laporte, Yvan, to Les Produits Menagers Coronet (1980) Inc. Food saver. 278,675, 5-7-85, Cl. D7-79.000.

Tate, John. Power supply support frame. 279,283, 6-18-85, Cl. D13-11.000.

Tateo, Yuji: *See—*

Nishio, Hideaki; and Tateo, Yuji, 278,994, Cl. D12-137.000.

Tateyama, Yuichi, to Kawada Co., Ltd. Activity toy. 280,650, 9-17-85, Cl. D21-64.000.

Tatina, Richard A., to Portec Inc. Idler for a low profile tie down. 278,171, 3-26-85, Cl. D34-33.000.

Tatum, Gregory G., to Sunfab, Ltd. Heat-conducting heat sink component for a three fluid heat exchanger. 278,140, 3-26-85, Cl. D13-23.000.

Taylor, Albert L.: *See—*

Thiele, Karl O.; and Taylor, Albert L., 281,968, Cl. D13-4.000.

Taylor, Darrell L.: *See—*

Brown, James N.; and Taylor, Darrell L., 279,997, Cl. D21-72.000.

Taylor, Harry J.; and Taylor, Rae E. Decorative wreath component. 276,985, 1-1-85, Cl. D11-130.000.

Taylor, John N.; and Nygren, Donald W., to Northland Aluminum Products, Inc. Floor barbeque gas unit. 279,535, 7-9-85, Cl. D7-334.000.

Taylor, John N.; and Nygren, Donald W., to Northland Aluminum Products, Inc. Table barbeque unit. 279,537, 7-9-85, Cl. D7-337.000.

Taylor, Rae E.: *See—*

Taylor, Harry J.; and Taylor, Rae E., 276,985, Cl. D11-130.000.

Taylor, Sherman E. Light bar. 279,714, 7-16-85, Cl. D26-28.000.

Taylor, Terrance N.; and Soren, Leonid, to Motorola, Inc. Telephone cradle or similar article. 278,708, 5-7-85, Cl. D14-60.000.

Taylor, Terrance N., to Motorola, Inc. Control unit for a two-way radio or similar article. 279,779, 7-23-85, Cl. D14-68.000.

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Burgess, John D.; and Taylor, Thomas E., 278,929, Cl. D23-56.000.

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Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., to American Motors Corporation. Pair of automobile rear lenses. 279,929, 7-30-85, Cl. D26-122.000.

Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., to American Motors Corporation. Rear bumper for an automobile. 281,594, 12-3-85, Cl. D12-169.000.

Teague, Richard A.; Nixon, Robert C.; Krispinsky, George M.; Kenitz, Jack E.; and Guichard, Gary D., to American Motors Corporation. Front bumper for automobile. 281,872, 12-24-85, Cl. D12-169.000.

Tebbe, David L.; and Shelton, Steven R., to Lane Craft Industries, Inc. Recessed wardrobe cabinet. 277,150, 1-15-85, Cl. D6-446.000.

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Tegner, Raymond U. H., to Amerock Corporation. Escutcheon. 276,976, 1-1-85, Cl. D8-351.000.

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Teitelbaum, Jay M.; and Teitelbaum, Henry S. Hopper unloader. 277,796, 2-26-85, Cl. D34-29.000.

Tekel, Paul. Table. 279,059, 6-4-85, Cl. D6-482.000.

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Parker, John C.; Terry, Norman L.; and Lester, Bud W., 278,084, Cl. D26-45.000.

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Vajdaffy, Gyeorgy, 278,055, Cl. D14-58.000.

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Parker, Paul H., 281,037, Cl. D6-361.000.

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  - Benedict, Charles E., 280,045, Cl. D6-328.000.
  - Benedict, Charles E., 280,046, Cl. D6-328.000.
  - Benedict, Charles E., 280,047, Cl. D6-328.000.
  - Benedict, Charles E., 280,048, Cl. D6-328.000.
  - Benedict, Charles E., 280,049, Cl. D6-328.000.
  - Benedict, Charles E., 280,575, Cl. D6-324.000.
  - Benedict, Charles E., 280,785, Cl. D6-324.000.
- Teletype Corporation: *See—*
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- Telic Systems, Inc.: *See—*
  - Nicholson, James H., 277,056, Cl. D6-420.000.
- Tell, Robert A., to Quaker Oats Company, The. Hanging toy elephant. 279,491, 7-2-85, Cl. D21-63.000.
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  - Homsy, Charles A.; Tellkamp, John W.; and Kent, John N., 277,981, Cl. D24-33.000.
  - Homsy, Charles A.; Tellkamp, John W.; and Kent, John N., 277,982, Cl. D24-33.000.
- Temp-Tech Co., Inc.: *See—*
  - Seager, Richard H, 281,756, Cl. D7-77.000.
- Tendick, Edwin W.; and Kasting, Richard H., to W. R. Grace & Co., Cryovac Div. Packaging tray. 280,383, 9-3-85, Cl. D9-345.000.
- Tendrup, Donald; and Devito, Joseph. Hanger. 278,867, 5-21-85, Cl. D6-327.000.
- Ten Eyck, Richard E.: *See—*
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- TePastte, Jeffrey H.; and Friedrich, Kenneth L. Wood splitter. 277,637, 2-19-85, Cl. D8-47.000.
- Ternstrom, Maj I., to Molnlycke Aktiebolag. Baby pants. 281,540, 12-3-85, Cl. D2-10.000.
- Terragrafics, Inc.: *See—*
  - Pargman, Steven R., 280,150, Cl. D6-311.000.
- Terrels, Joseph L. Paint cup assembly. 281,007, 10-15-85, Cl. D23-18.000.
- Terrian, Patrick J.; and Terrian, Randy T. Physical exerciser. 277,593, 2-12-85, Cl. D21-198.000.
- Terrian, Randy T.: *See—*
  - Terrian, Patrick J.; and Terrian, Randy T., 277,593, Cl. D21-198.000.
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  - Parker, John C.; Terry, Norman L.; and Lester, Bud W., 277,414, Cl. D26-45.000.
  - Parker, John C.; Terry, Norman L.; and Lester, Bud W., 278,084, Cl. D26-45.000.
  - Parker, John C.; Terry, Norman L.; and Lester, Bud W., 279,823, Cl. D26-140.000.
- Terumo Corporation: *See—*
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  - Wada, Masaru, 279,705, Cl. D24-8.000.
  - Wada, Masaru, 280,340, Cl. D24-8.000.
- Terwilliger, Frank H., to Campbell Soup Company. Freezer tray. 277,965, 3-12-85, Cl. D15-90.000.
- Terzian, Rouben T.; and Herbstler, Horst D., to Marvin Glass & Associates. Radio. 277,668, 2-19-85, Cl. D14-69.000.
- Terzian, Rouben T.: *See—*
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- Testa, Stefano, to Essex Chair Company. Combined loft bed and cabinet assembly or similar article. 279,339, 6-25-85, Cl. D6-384.000.
- Testa, Stefano, to Essex Chair Company. Bed assembly or similar article. 280,475, 9-10-85, Cl. D6-384.000.
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- Texidor, Genaro. Combined ring and article holder. 277,654, 2-19-85, Cl. D11-2.000.
- Texidor, Genaro. Combined ring and article holder. 277,655, 2-19-85, Cl. D11-31.000.
- Texidor, Genaro. Belt buckle with hidden compartments. 278,762, 5-14-85, Cl. D2-394.000.
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  - Chaplin, John B., 277,657, Cl. D12-5.000.
- Thakar, David, to Allied Corporation. Font of alphanumeric characters. 280,833, 10-1-85, Cl. D18-24.000.
- Thater, Walter A.: *See—*
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- Thayer, Arnold A.: *See—*
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- Therma-Tray Corporation: *See—*
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- Thermalloy Incorporated: *See—*
  - Moore, Marvin F., 280,811, Cl. D13-23.000.
- Thermo-Serv, Inc.: *See—*
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  - Trombly, Edgar F., 281,758, Cl. D7-387.000.
- Thieffry, Francois, to Societe d'Etudes de Chimie et de Therapie Appliquees Laboratoires de Cosmetoloque Yves Rocher. Bottle. 281,670, 12-10-85, Cl. D9-352.000.
- Thiele, Karl O.; and Taylor, Albert L., to Enertronics, Inc. D.C. Power pack or similar article. 281,968, 12-31-85, Cl. D13-4.000.
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- Thomas & Betts Corporation: *See—*
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- Thomas, Elmer L., to Chevron Research Company. Conference wireless microphone housing or the like. 277,853, 3-5-85, Cl. D14-13.000.
- Thomas Industries Inc.: *See—*
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- Thomas, Norman I.; and Ilgoutz, Gunther, to Chadwick Management Services Pty. Limited. Scaffold plank. 281,106, 10-22-85, Cl. D25-68.000.
- Thomas, Richard K., to John Zink Company. Frypan control. 280,711, 9-24-85, Cl. D10-50.000.
- Thomas, Robert J.; and Thomas, Craig R., to R. J. Thomas Manufacturing Company. Barbecue grill or the like. 277,540, 2-12-85, Cl. D7-337.000.
- Thomas, Suzanne, to La Rue Distributors, Inc. Combined carrying case and folding mat. 279,428, 7-2-85, Cl. D3-43.000.
- Thomas, Suzanne, to La Rue Distributors, Inc. Carrying case. 280,780, 10-1-85, Cl. D3-48.000.
- Thomas, William J., to Automation, Inc. Control console. 281,690, 12-10-85, Cl. D14-102.000.
- Thompson, Bruce R. Toilet roll holder. 277,347, 1-29-85, Cl. D6-97.000.
- Thompson, Bruce R. Vanity case. 277,812, 3-5-85, Cl. D3-39.000.
- Thompson, Bruce R. Toothbrush holder. 277,814, 3-5-85, Cl. D6-534.000.
- Thompson, Bruce R. Ashtray. 277,894, 3-5-85, Cl. D27-8.000.
- Thompson, Bruce R. Tissue box holder. 278,295, 4-9-85, Cl. D6-518.000.
- Thompson, Bruce R. Soap holder. 278,491, 4-23-85, Cl. D6-536.000.
- Thompson, Bruce R. Combined toothbrush and tumbler holder. 278,586, 4-30-85, Cl. D6-531.000.
- Thompson, Bruce R. Soap holder. 278,587, 4-30-85, Cl. D6-540.000.
- Thompson, Bruce R. Toilet brush & holder therefor. 281,743, 12-17-85, Cl. D4-121.000.
- Thompson, Bruce R. Hook. 281,838, 12-24-85, Cl. D6-323.000.
- Thompson, Cloud H., Jr., to Burlington Basket Company. Clothes hamper. 279,038, 5-28-85, Cl. D32-37.000.
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- Thompson, Nellie. Fishing pole with lure shooting mechanism. 277,402, 1-29-85, Cl. D22-23.000.
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- Thompson, Paul H. Toothbrush. 281,202, 11-5-85, Cl. D4-104.000.
- Thompson, Richard B. Rebound ball game net. 279,911, 7-30-85, Cl. D21-5.000.
- Thompson, Sara R. Toed shoe. 278,608, 4-30-85, Cl. D2-279.000.
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- Thomson-Brandt: *See—*
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- Thomson, Harry S.; Raffo, David M.; and Pape, John A., to Hestair Kiddicraft Limited. Toy rattle. 280,429, 9-3-85, Cl. D21-65.000.
- Thomson, Harry S.; Raffo, David M.; and Pape, John A., to Hestair Kiddicraft Limited. Toy teether. 280,749, 9-24-85, Cl. D21-65.000.
- Thomson, Harry S.; Raffo, David M.; and Pape, John A., to Hestair Kiddicraft Limited. Toy mirror. 280,997, 10-15-85, Cl. D21-59.000.
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  - Silver, William V., 280,160, Cl. D6-475.000.
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- Thornalley, Michael J., to Fibrecast (UK) Limited. Passenger seat for an amusement ride. 278,177, 3-26-85, Cl. D21-247.000.

Thornalley, Michael J., to Fibrecast (UK) Limited. Passenger seat for an amusement ride. 278,269, 4-2-85, Cl. D21-247.000.

Thornalley, Michael J., to Fibrecast (UK) Limited. Passenger seat for an amusement ride. 281,617, 12-3-85, Cl. D21-247.000.

Thorndike, Barbara A. D. Duck-like doll. 278,734, 5-7-85, Cl. D21-160.000.

Thorneburg, James L.; and Plawker, Ilan, to Thorneburg, James L. Hosiery package display rack. 278,873, 5-21-85, Cl. D6-517.000.

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Thornton, Ian; DeWitt, Kenneth; and Robertson, Simon, to Keebler Company. Dough mold. 280,793, 10-1-85, Cl. D7-43.000.

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Thorpe, Robert K., to Brown Jordan Company. Chair. 277,343, 1-29-85, Cl. D6-369.000.

Thorpe, Robert K., to Brown Jordan Company. Buffet. 281,038, 10-22-85, Cl. D6-445.000.

Thorsbakken, Arden L., to Ardent Inc. Dental hygiene tool for cleaning between the teeth. 279,603, 7-9-85, Cl. D24-10.000.

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Houlihan, John T.; and Halicho, James J., 278,130, Cl. D10-38.000.

Houlihan, John T., 278,315, Cl. D10-30.000.

Houlihan, John T.; and Dorfman, Leonard M., 278,986, Cl. D10-125.000.

Timex Medical Products Corporation: *See*—

Houlihan, John T., 277,133, Cl. D24-17.000.

Timmers, Richard E. Auxiliary seat. 281,205, 11-5-85, Cl. D6-336.000.

Tippett, Philip A., to Lucasfilm, Ltd. Toy figure. 277,208, 1-15-85, Cl. D21-148.000.

Tippett, Philip A., to Lucasfilm, Ltd. Toy figure. 277,209, 1-15-85, Cl. D21-148.000.

Tippett, Philip A., to Lucasfilm, Ltd. Toy figure. 277,211, 1-15-85, Cl. D21-148.000.

Tippett, Philip A., to Lucasfilm, Ltd. Toy figure. 277,213, 1-15-85, Cl. D21-148.000.

Tippett, Philip A., to Lucasfilm, Ltd. Toy figure. 277,883, 3-5-85, Cl. D21-148.000.

Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Ricard D.; and Heggeland, Bruce, to Suncast Corporation. Chair. 278,195, 4-2-85, Cl. D6-373.000.

Tisbo, Thomas A.: *See*—

Tisbo, Cosmo N.; Tisbo, Thomas A.; Recker, Ricard D.; and Heggeland, Bruce, 278,195, Cl. D6-373.000.

Tiwari, Sandra J. Tongue cleaner. 281,720, 12-10-85, Cl. D24-23.000.

Tobias, Charles S., to Pusser's Inc. Bottle. 277,936, 3-12-85, Cl. D9-307.000.

Tobias, Charles S., to Pusser's Inc. Flask. 279,547, 7-9-85, Cl. D9-372.000.

Tobias, Charles S., to Pusser's Inc. Flagon. 281,396, 11-19-85, Cl. D9-309.000.

Todd, Charles H., III: *See*—

Gressett, Charles A., Jr.; Todd, Charles H., III; and Page, John F., 280,526, Cl. D17-21.000.

Todd, Jerald C., to Square D Company. Electrical clamp connector. 277,749, 2-26-85, Cl. D13-24.000.

Todeschini, Bruno, to Telcer Telefonia, S.p.A. Telephone set. 280,987, 10-15-85, Cl. D14-53.000.

Toews, Richard J. Combined solar battery and charger. 277,844, 3-5-85, Cl. D13-8.000.

Tofte, David S. Heat exchanger. 279,704, 7-16-85, Cl. D23-136.000.

Tokai Electric Wire Co., Ltd.: *See*—

Inoue, Nori; Itou, Yoshio; and Sakatani, Atsushi, 279,978, Cl. D13-24.000.

Ito, Yoshio; and Yoshida, Noriyuki, 277,750, Cl. D13-24.000.

Tokai Gakki Co., Ltd.: *See*—

Tanaka, Yuji; and Matsumoto, Hideo, 280,107, Cl. D17-21.000.

Tanaka, Yuji; and Matsumoto, Hideo, 280,330, Cl. D17-20.000.

Toko Kogyo Kabushiki Kaisha: *See*—

Suzuki, Yoshiaki, 281,482, Cl. D8-358.000.

Tokunaga, Seiichiro: *See*—

Motomura, Kenichi; and Tokunaga, Seiichiro, 278,218, Cl. D12-142.000.

Tokyo Electric Co., Ltd.: *See*—

Mimoto, Osamu, 279,686, Cl. D18-1.000.

Tokyo Juki Industrial Co., Ltd.: *See*—

Kato, Shigemasa; Takada, Sanae; and Tsukiji, Masaaki, 279,677, Cl. D14-111.000.

Kato, Shigemasa; and Takada, Sanae, 281,251, Cl. D18-1.000.

Kato, Shigemasa; and Takada, Sanae, 281,252, Cl. D18-1.000.

Kato, Shigemasa; and Takada, Sanae, 281,434, Cl. D18-1.000.

Tokyo Keiki Company Limited: *See*—

Takahashi, Mutsumi; Sato, Shosuke; and Matsuzawa, Hideshi, 277,006, Cl. D14-107.000.

Tokyo Shibaura Denki Kabushiki Kaisha: *See*—

Aoyama, Nobuhisa, 278,818, Cl. D14-100.000.

Arimura, Takeshi, 278,051, Cl. D14-6.000.

Hara, Kunio; and Yasutani, Shigeki, 277,101, Cl. D14-107.000.

Hara, Kunio; Sutoh, Shigeru; Okuyama, Tooru; and Fujii, Kiyoshi, 278,152, Cl. D16-31.000.

Hara, Kunio; and Okuyama, Tooru, 280,636, Cl. D16-32.000.

Hara, Kunio; and Okuyama, Tooru, 281,170, Cl. D16-32.000.

Ishii, Jun; and Murai, Kanji, 281,879, Cl. D14-70.000.

Kajita, Takashi, 279,577, Cl. D18-3.000.

Kajita, Takashi, 279,790, Cl. D18-3.000.

Nishida, Yoshiaki, 279,578, Cl. D18-3.000.

Nishida, Yoshiaki, 279,579, Cl. D18-4.000.

Nishida, Yoshiaki, 279,791, Cl. D18-3.000.

Nishida, Yoshiaki; and Kajita, Takashi, 280,723, Cl. D14-111.000.

Nishida, Yoshiaki, 281,787, Cl. D18-3.000.

Okuyama, Tooru; Hara, Kunio; and Fujii, Kiyoshi, 280,205, Cl. D16-31.000.

Shibata, Mikio, 277,189, Cl. D14-114.000.

Sutoh, Shigeru; and Horie, Hideyuki, 280,104, Cl. D16-31.000.

Suzuki, Masumi, 279,031, Cl. D26-3.000.

Suzuki, Masumi, 279,127, Cl. D26-3.000.

Suzuki, Masumi, 279,128, Cl. D26-3.000.

Toledo Enterprises, Inc.: *See*—

Ortiz, Jose, 280,426, Cl. D21-4.000.

Tolkko, Esko M., to Oy Ensto AB. Jaw plate for a locking device for an end clamp for metal wires. 276,979, 1-1-85, Cl. D8-396.000.

Tolkko, Esko M., to Oy Ensto AB. Locking device for an end clamp for metal wires. 277,644, 2-19-85, Cl. D8-396.000.

Tolley, Derek C. Sun bed. 279,313, 6-18-85, Cl. D24-39.000.

Toisir Products: *See*—

Lorist, Hendrick J. G., 280,113, Cl. D21-88.000.

Tomaszewski, Wojtek T.: *See*—

Gabriel, Kori F.; and Tomaszewski, Wojtek T., 281,572, Cl. D8-40.000.

Tomblin, Glen E.: *See*—

Szablak, Michael J.; and Tomblin, Glen E., 280,216, Cl. D19-91.000.

Tomozawa, Hisashi; Nagao, Yoshihiko; and Saito, Shigeru, to Mitsubishi Denki Kabushiki Kaisha. Talking mathematics trainer. 280,217, 8-20-85, Cl. D19-60.000.

Tomy Kogyo Co., Inc.: *See*—

Kato, Yuji; and Nuttall, Michael W., 281,182, Cl. D21-108.000.

Kato, Yuji; and Nuttall, Michael W., 281,183, Cl. D21-108.000.

  - Kato, Yuji; and Nuttall, Michael W., 281,184, Cl. D21-108.000.
  - Kato, Yuji; and Nuttall, Michael W., 281,185, Cl. D21-108.000.
  - Kato, Yuji; and Nuttall, Michael W., 281,186, Cl. D21-108.000.
  - Miura, Akifumi, 277,474, Cl. D14-6.000.
  - Miyazaki, Kunio; and Ito, Shiro, 280,114, Cl. D21-134.000.
  - Ohkado, Tethuo, 278,732, Cl. D21-150.000.
  - Ohkado, Tethuo, 278,733, Cl. D21-150.000.
  - Ohkado, Tethuo, 278,838, Cl. D21-150.000.
  - Suzuki, Ikuo, 280,219, Cl. D21-59.000.
  - Uozumi, Sozen; and Sugiyama, Minoru, 281,888, Cl. D21-13.000.
  - Urabe, Kouichi, 278,072, Cl. D21-148.000.
  - Weiland, Herbert C.; and Kanaoki, Shinichi, 281,179, Cl. D21-59.000.
- Tonan Merchandise Inc.: *See—*
  - Shimomura, Toshimasa, 281,795, Cl. D21-134.000.
  - Shimomura, Toshimasa, 281,796, Cl. D21-134.000.
  - Toshimasa, Shimomura, 280,750, Cl. D21-134.000.
  - Toshimasa, Shimomura, 280,751, Cl. D21-134.000.
- Tone Brothers, Inc.: *See—*
  - Drummond, Archie G., Jr.; and Fahnstrom, Dale E., 277,363, Cl. D9-372.000.
  - Drummond, Archie G., Jr.; and Fahnstrom, Dale E., 281,579, Cl. D9-376.000.
- Tong, Duncan, to Playart Limited. Lap counter for counting the passage of toy vehicles along a track. 281,797, 12-17-85, Cl. D21-143.000.
- Tooke, Michael H., to Mansfield, Allen. Clothes hanger for skirts, trousers and the like. 280,151, 8-20-85, Cl. D6-326.000.
- Topalian, Joan A. Hair barrette. 280,942, 10-8-85, Cl. D28-42.000.
- Topp, David, to Multi-Tech Industries Corp. Combination telephone clock and radio set. 278,812, 5-14-85, Cl. D14-53.000.
- Topp, David, to Multi-Tech Industries Corp. Combination telephone, clock and radio set. 279,900, 7-30-85, Cl. D14-73.000.
- Topp, David, to Multi-Tech Industries Corp. Telephone keypad for a combined radio, clock and telephone set. 280,099, 8-13-85, Cl. D14-66.000.
- Topp, Ronald. Ball tossing device. 281,891, 12-24-85, Cl. D21-210.000.
- Tordjman, Eli, to Diamifray, Inc. Perfume bottle. 277,455, 2-5-85, Cl. D9-307.000.
- Toriumi, William. Belt mounted ball carrier. 277,709, 2-26-85, Cl. D2-400.000.
- Toro Company, The: *See—*
  - Brus, Robert M., 280,111, Cl. D20-43.000.
  - Krapowicz, Jacob; Smith, Douglas W.; and Laude, Michael E., 278,537, Cl. D15-12.000.
- Torongo, Albert H., Jr.: *See—*
  - Aldrich, Thomas B., III; and Torongo, Albert H., Jr., 277,733, Cl. D9-376.000.
- Tortensson, Anna G. D., to Electrolux Constructor Aktiebolag. Storage rack for elongate goods. 277,058, 1-8-85, Cl. D6-468.000.
- Tortolani, Richard J. Tailgate bumper. 281,061, 10-22-85, Cl. D12-167.000.
- Toshiba Electric Appliances Co., Ltd.: *See—*
  - Nasui, Sadao; and Tanaka, Toshio, 280,508, Cl. D14-94.000.
- Toshiba Heating Appliances Co., Ltd.: *See—*
  - Amano, Kazunori; and Sekigawa, Youichi, 281,998, Cl. D23-121.000.
  - Kojima, Nobuyuki; Sekigawa, Youichi; and Amano, Kazunori, 277,697, Cl. D23-121.000.
  - Kojima, Nobuyuki; and Sekigawa, Youichi, 278,272, Cl. D23-122.000.
- Toshiba Shibaura Denki Kabushiki Kaisha: *See—*
  - Arimura, Takeshi, 276,999, Cl. D14-6.000.
- Toshihiko, Shibuya, to Honda Giken Kogyo Kabushiki Kaisha. Power generator. 278,425, 4-16-85, Cl. D13-1.000.
- Toshimasa, Shimomura, to Tonan Merchandise Inc. Toy motorcycle. 280,750, 9-24-85, Cl. D21-134.000.
- Toshimasa, Shimomura, to Tonan Merchandise Inc. Toy motorcycle. 280,751, 9-24-85, Cl. D21-134.000.
- Toshiyuki, Yamada: *See—*
  - Akira, Nakamura; and Toshiyuki, Yamada, 279,975, Cl. D12-192.000.
  - Akira, Nakamura; and Toshiyuki, Yamada, 279,976, Cl. D12-192.000.
- Tosti, Luigi. Hand propelled child's vehicle. 277,089, 1-8-85, Cl. D12-107.000.
- 'totes', incorporated: *See—*
  - Allen, James H., 278,763, Cl. D3-71.000.
  - Allen, James H., 279,048, Cl. D3-71.000.
  - Allen, James H., 279,144, Cl. D3-71.000.
  - Allen, James H., 279,525, Cl. D3-71.000.
  - Allen, James H., 280,043, Cl. D3-42.000.
  - Allen, James H., 280,044, Cl. D3-48.000.
  - Allen, James H., 280,266, Cl. D3-71.000.
  - Allen, James H., 280,362, Cl. D3-71.000.
  - Allen, James H., 280,677, Cl. D3-12.000.
  - Allen, James H., 280,864, Cl. D3-39.000.
  - Allen, James H., 280,867, Cl. D3-71.000.
- Toth, John J., to Richelieu Electrics Corp. Electrical guitar. 278,541, 4-23-85, Cl. D17-14.000.
- Toth, Richard J., to Motorola, Inc. Battery or similar article. 277,747, 2-26-85, Cl. D13-8.000.
- Toth, Richard J.; and Eckmann, John A., to Motorola, Inc. Portable two-way radio apparatus or similar article. 280,620, 9-17-85, Cl. D14-70.000.
- Toth, Richard J.: *See—*
  - Eckmann, John A.; Krumin, Donald K.; Toth, Richard J.; and Scheid, William J., 277,753, Cl. D14-70.000.
  - Scheid, William J.; and Toth, Richard J., 278,905, Cl. D14-68.000.
  - Scheid, William J.; Toth, Richard J.; and Brinkerhoff, James W., 280,323, Cl. D14-12.000.
  - Scheid, William J.; and Toth, Richard J., 280,717, Cl. D13-8.000.
- Toth, Stephen M.: *See—*
  - Winslow, David; and Toth, Stephen M., 279,625, Cl. D3-66.000.
- Touch-On Incorporated: *See—*
  - Moustakas, Matthew A., 280,347, Cl. D26-93.000.
- Towne, Herbert: *See—*
  - Rapp, Harold B.; and Towne, Herbert, 280,813, Cl. D13-28.000.
- Towns, Joseph M.: *See—*
  - Rau, Allen E., 281,049, Cl. D7-83.000.
- Towns, Violet J.: *See—*
  - Rau, Allen E., 281,049, Cl. D7-83.000.
- Toybox Corporation: *See—*
  - Suzuki, Toshio; and Maezono, Takashi, 277,205, Cl. D21-143.000.
- Toyo Radiator Co., Ltd.: *See—*
  - Hoshina, Noriyuki, 278,619, Cl. D12-166.000.
- Toyoda, Fumio: *See—*
  - Hyuga, Hideyo; Ichikawa, Yukinobu; Kuroiwa, Yukio; Masatsugu, Shigeki; and Toyoda, Fumio, 281,684, Cl. D14-5.000.
- Toyoguchi, Kyo: *See—*
  - Imada, Michio; and Toyoguchi, Kyo, 280,634, Cl. D16-31.000.
- Toyota Jidosha Kabushiki Kaisha: *See—*
  - Seto, Hisashi, 280,472, Cl. D6-356.000.
- Toyotomi Kogyo Co., Ltd.: *See—*
  - Nakamura, Kazuharu, 277,501, Cl. D23-123.000.
  - Nakamura, Kazuharu, 278,180, Cl. D23-123.000.
  - Nakamura, Kazuharu, 279,498, Cl. D23-137.000.
  - Nakamura, Kazuharu, 281,692, Cl. D15-14.000.
- Trans-Aire International, Inc.: *See—*
  - Higgins, Bob J., 280,470, Cl. D6-356.000.
  - Higgins, Bob J., 280,471, Cl. D6-356.000.
- Trans World Airlines, Inc.: *See—*
  - Sauter, Daniel S., 281,471, Cl. D6-356.000.
- Trans-World Manufacturing Corp.: *See—*
  - Franklin, Robert P., 277,057, Cl. D6-480.000.
- Transco Products, Inc.: *See—*
  - Steidel, Clinton F., 278,141, Cl. D13-32.000.
- Transworld Products, Inc.: *See—*
  - McMaster, Thomas W., 278,057, Cl. D14-65.000.
- Traylor, Thomas D. Bicycle frame. 277,744, 2-26-85, Cl. D12-111.000.
- Treibachs, Modris M. Pendant. 281,590, 12-3-85, Cl. D11-79.000.
- Tremblay, Paul E. Telephone stand. 279,980, 8-6-85, Cl. D14-62.000.
- Trenchbond Limited: *See—*
  - Carrol, Alan, 281,722, Cl. D24-29.000.
- Trent, Harold A.: *See—*
  - Sydlowski, William E.; and Trent, Harold A., 278,065, Cl. D15-139.000.
- Treston Oy: *See—*
  - Hakanen, Allan, 281,366, Cl. D34-38.000.
  - Hypponen, Matti, 280,052, Cl. D6-349.000.
  - Kiski, Heikki, 281,748, Cl. D6-446.000.
- Tri-Service Machine Ltd.: *See—*
  - Kuchar, Walter, 279,377, Cl. D15-7.000.
- Tri Tool, Inc.: *See—*
  - Astle, William H., 278,026, Cl. D8-61.000.
  - Nall, Lawson H.; and Hamasaki, Benny T., 281,249, Cl. D15-129.000.
- Tricker, Keith A. Loudspeaker cabinet. 280,984, 10-15-85, Cl. D14-34.000.
- Trim, Inc.: *See—*
  - Hauser, Richard F., 277,063, Cl. D6-303.000.
- Triune Systems, Inc.: *See—*
  - Roudebush, H. Richard, 279,784, Cl. D15-7.000.
- Trombly, Edgar F., to Thermo-Serv, Inc. Enclosed container. 281,754, 12-17-85, Cl. D7-17.000.
- Trombly, Edgar F., to Thermo-Serv, Inc. Resealable closure for a container. 281,758, 12-17-85, Cl. D7-387.000.
- Tropitone Furniture Company, Inc.: *See—*
  - Kramer, Joel A.; and Harper, Alton A., 277,342, Cl. D6-361.000.
  - Kramer, Joel A.; and Harper, Alton A., 277,345, Cl. D6-373.000.
  - Kramer, Joel A.; and Harper, Alton A., 278,582, Cl. D6-373.000.
  - Kramer, Joel A.; and Harper, Alton A., 280,686, Cl. D6-484.000.
- Trotman, Helen H., deceased; by Huber, Peter M., legal representative; and Trotman, Herbert H. Plastic sheet material or the like. 278,468, 4-16-85, Cl. D92-1.100.
- Trotman, Herbert H.: *See—*
  - Trotman, Helen H., deceased; Huber, Peter M., legal representative; and Trotman, Herbert H., 278,468, Cl. D92-1.100.
- Trotta, Carmen, to Midwest Marko, Inc. Table skirt mounting clip. 277,546, 2-12-85, Cl. D8-349.000.
- Trotta, Robert A.: *See—*
  - Jacobson, Chester F.; Gray, Michael J.; and Trotta, Robert A., 277,987, Cl. D28-48.000.
- Trudeau, Robert P.; and Gallagher, Abigail H., to American Hospital Supply Corporation. Food warming dish or similar article. 281,660, 12-10-85, Cl. D7-23.000.
- Trudo, Martha J.: *See—*
  - Trudo, Robert F.; and Trudo, Martha J., 280,890, Cl. D12-112.000.
- Trudo, Robert F.; and Trudo, Martha J. Tricycle. 280,890, 10-8-85, Cl. D12-112.000.

True Temper Railway Appliances, Inc.: *See—*
  Fee, Graham M., 276,978, Cl. D8-382.000.
Truette, Danny M.; and McGaha, George V., to Pelton and Crane Company, The. Dental cuspidor. 277,503, 2-5-85, Cl. D24-5.000.
Truitt, Robert B.; Cox, Clifford C.; and Manno, Joseph J., to IVAC Corporation. Air-in-line sensor for fluid delivery systems or the like. 279,217, 6-11-85, Cl. D24-17.000.
Trull, Douglas E. Carrier for compressed gas tanks and the like. 281,832, 12-24-85, Cl. D3-30.100.
Tsubaki, Hiroyuki: *See—*
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Tsuburaya, Kazuyuki: *See—*
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  Ohnuma, Mitsuru; Tsuburaya, Kazuyuki; Tanitsu, Masato; Nakata, Akihito; and Yoshimura, Hidetomo, 279,984, Cl. D14-109.000.
Tsuchihashi, Yasutaka; and Ito, Kenichi, to Olympus Optical Co., Ltd. Optical read out pickup for use in an optical audio disc machine or the like. 278,428, 4-16-85, Cl. D14-1.000.
Tsuchikura, Toshio: *See—*
  Chatani, Yasushi; and Tsuchikura, Toshio, 277,686, Cl. D21-108.000.
Tsuda, Tooru: *See—*
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Tsuji, Masao, to North American Philips Corporation. Room air cleaner. 277,311, 1-22-85, Cl. D23-149.000.
Tsuji, Masao, to North American Philips Corporation. Hand-held vacuum cleaner. 280,453, 9-3-85, Cl. D32-18.000.
Tsuji, Masao, to North American Philips Corporation. Room air cleaner. 281,101, 10-22-85, Cl. D23-149.000.
Tsuji, Masao, to North American Philips Corporation. Handle for a beauty care appliance or the like. 281,726, 12-10-85, Cl. D28-35.000.
Tsuji, Masao, to North American Philips Corporation. Handle for a beauty care appliance or the like. 281,727, 12-10-85, Cl. D28-35.000.
Tsujimoto, Kazuo: *See—*
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Tsujimoto, Masamichi, to Ohtsu Tire & Rubber Co., Ltd. Pneumatic tire. 277,373, 1-29-85, Cl. D12-140.000.
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Tsukamoto, Masakazu; and Tsukiyama, Satoru, to Iwatsu Electric Co., Ltd. Mobile telephone unit. 277,281, 1-22-85, Cl. D14-53.000.
Tsukamoto, Masakazu; and Ishii, Kiyoshi, to Iwatsu Electric Co., Ltd. Mobile telephone unit. 279,981, 8-6-85, Cl. D14-53.000.
Tsukiji, Masaaki: *See—*
  Kato, Shigemasa; Takada, Sanae; and Tsukiji, Masaaki, 279,677, Cl. D14-111.000.
Tsukiyama, Satoru: *See—*
  Tsukamoto, Masakazu; and Tsukiyama, Satoru, 277,281, Cl. D14-53.000.
Tsumura, Tomoki; Maruoka, Hiroshi; Asaji, Toshio; and Yamamoto, Mitsuru, to Panafacom Limited. Computer. 279,187, 6-11-85, Cl. D14-100.000.
Tsumura, Tomoki; Maruoka, Hiroshi; Asaji, Toshio; and Yamamoto, Mitsuru, to Panafacom Limited. Display. 279,189, 6-11-85, Cl. D14-113.000.
Tsumura, Tomoki; Maruoka, Hiroshi; Asayi, Toshio; and Yamamoto, Mitsuru, to Panafacom Limited. Keyboard. 279,190, 6-11-85, Cl. D14-100.000.
Tsumura, Tomoki; Maruoka, Hiroshi; Asaji, Toshio; and Yamamoto, Mitsuru, to Panafacom Limited. Printer. 280,900, 10-8-85, Cl. D14-111.000.
Tsunoda, Kazuhiko: *See—*
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Tsuru, Hitoshi; and Doi, Tetsuyuki. Circular saw. 281,663, 12-10-85, Cl. D8-66.000.
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Tsuyama Mfg. Co., Ltd.: *See—*
  Tsuyama, Yoshimasa, 278,210, Cl. D10-46.000.
Tsuyama, Yoshimasa, to Tsuyama Mfg. Co., Ltd. Computerized bicycle combined speedometer, odometer and stop watch. 278,210, 4-2-85, Cl. D10-46.000.
Tucholski, Joseph A. Underhood light for vehicle or the like. 279,715, 7-16-85, Cl. D26-29.000.
Tucker Housewares, Inc.: *See—*
  DiSesa, Frank, 277,798, Cl. D34-43.000.
  DiSesa, Frank, 277,800, Cl. D34-43.000.
Tuduri, Gerard N. Bus stop information marking post. 280,425, 9-3-85, Cl. D20-10.000.
Tuley, A. Lester. Wheeled folding chair. 278,523, 4-23-85, Cl. D12-131.000.
Tump, Dirk, to Ortho Pharmaceutical Corporation. Vaginal applicator. 279,504, 7-2-85, Cl. D24-63.000.
Tung, Tse; and Ko, Sou K. Combined pen, watch and radio. 279,186, 6-11-85, Cl. D14-68.000.
Tunturipyora Oy: *See—*
  Hiivola, Jouni J., 281,711, Cl. D21-194.000.
  Kiiski, Heikki, 278,268, Cl. D21-194.000.
  Kiiski, Heikki, 280,003, Cl. D21-194.000.
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  - Syme, Duncan C.; Smith, Vance R.; and Tyrol, Brian J., 278,955, Cl. D6-381.000.
  - Syme, Duncan C.; and Smith, Vance R., 280,127, Cl. D23-128.000.
- Vernitron Corporation: *See—*
  - Wolf, Hans, 281,414, Cl. D13-2.000.
- Vest, Gary W. Fluorescent light ballast receptacle with integral wall plug. 278,463, 4-16-85, Cl. D26-113.000.
- Vetter, Roland; and Feil, Rolf, to Bosch-Siemens Hausgerate GmbH. Flat cooking panel. 277,448, 2-5-85, Cl. D7-346.000.
- Vetter, Roland; and Feil, Rolf, to Bosch-Siemens Hausgerate GmbH. Cooking panel. 277,449, 2-5-85, Cl. D7-346.000.
- Vhoom Systems Limited: *See—*
  - Sujanani, Vinod S., 278,535, Cl. D14-68.000.
- Vibram S.p.A.: *See—*
  - Sironi, Giuseppe, 281,372, Cl. D2-320.000.
- Vickers, James H., to Southco, Inc. Hinge. 278,309, 4-9-85, Cl. D8-327.000.
- Victor Company of Japan, Limited: *See—*
  - Ogata, Haruki; and Ogawa, Kimio, 277,567, Cl. D14-11.000.
  - Ogata, Haruki; and Ogawa, Kimio, 277,568, Cl. D14-11.000.
- Victor Technologies, Inc.: *See—*
  - Cridland, Michael; and Moriconi, David P., 277,003, Cl. D14-100.000.
  - Cridland, Michael; and Moriconi, David P., 277,004, Cl. D14-100.000.
  - Cridland, Michael; and Moriconi, David P., 277,005, Cl. D14-100.000.
  - Cridland, Michael; and Moriconi, David P., 277,671, Cl. D14-100.000.
  - Cridland, Michael; and Moriconi, David P., 277,672, Cl. D14-100.000.
  - Cridland, Michael; and Moriconi, David P., 280,989, Cl. D14-113.000.
  - Moriconi, David P., 277,183, Cl. D14-100.000.
  - Moriconi, David P., 277,184, Cl. D14-100.000.
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  - Moriconi, David P., 277,186, Cl. D14-100.000.
  - Moriconi, David P., 278,910, Cl. D14-113.000.
- Vieira, Frank. Game board. 277,014, 1-1-85, Cl. D21-18.000.
- Viemeister, Tucker L.: *See—*
  - Dair, Thomas M.; Stowell, Davin B.; and Viemeister, Tucker L., 278,963, Cl. D7-15.000.
  - Dair, Thomas M.; Stowell, Davin B.; and Viemeister, Tucker L., 278,964, Cl. D7-15.000.
- Vigil, Susan E. M. Toy doll house. 281,709, 12-10-85, Cl. D21-114.000.
- Viio, Matti. Tool holder. 280,571, 9-17-85, Cl. D2-400.000.
- Vila Enfedaque, Ramon, to Fibrester, S.A. Catamaran-hulled sailing skiff. 278,138, 3-26-85, Cl. D12-304.000.
- Vilhelmina Plast AB: *See—*
  - Gustafsson, Regis, 281,407, Cl. D11-181.000.
- Villanueva, Jesus R., to Cooperative Marketing Co., The. Mounting clip. 278,679, 5-7-85, Cl. D8-373.000.
- Vincent, James E.; and Rylander, Rex. Ski waxing bench. 281,938, 12-31-85, Cl. D6-429.000.
- Visymonde Investments PTE Ltd.: *See—*
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- Vita-Fresh Vitamin Company, Inc.: *See—*
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  - Martin, Jim H.; and Yancey, Donnie R., 280,699, Cl. D9-329.000.
  - Martin, Jim H.; and Yancey, Donnie R., 280,700, Cl. D9-329.000.
  - Martin, Jim H.; and Yancey, Donnie R., 280,701, Cl. D9-329.000.
  - Martin, Jim H.; and Yancey, Donnie R., 280,702, Cl. D9-329.000.
  - Martin, Jim H.; and Yancey, Donnie R., 281,017, Cl. D28-3.000.
  - Martin, Jim H.; and Yancey, Donnie R., 281,018, Cl. D28-3.000.
  - Martin, Jim H.; and Yancey, Donnie R., 281,103, Cl. D28-3.000.
- Vitalmetrics, Inc.: *See—*
  - Blankenship, Larry K., 279,605, Cl. D24-59.000.
  - Blankenship, Larry K.; and Manno, Joseph, 281,278, Cl. D24-17.000.
- Vitaloni, Alberto, to Balma S.p.A. Air compressor. 281,691, 12-10-85, Cl. D15-9.000.
- Vitek, Inc.: *See—*
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  - Homsy, Charles A.; Tellkamp, John W.; and Kent, John N., 277,982, Cl. D24-33.000.
- Vitolo, Marguerite M. Pet bag or similar article. 280,560, 9-10-85, Cl. D30-37.000.
- Vitrac, Jean F. Shoe sole. 281,287, 11-12-85, Cl. D2-321.000.
- Vitrac, Jean P., to Hanorah Italiana S.p.A. Bottle. 280,181, 8-20-85, Cl. D9-375.000.
- Vittadini, Agostino. Wrist watch. 281,585, 12-3-85, Cl. D11-32.000.
- Vogel, Leonard R.: *See—*
  - Wendt, Gary R., 279,129, Cl. D26-9.000.
- Vogel, Norwin H., to Texas NRG Corporation. Bottle or similar article. 281,954, 12-31-85, Cl. D9-322.000.
- Volpe, Leo S.; and Hirtle, Michael O., to Tyco Industries, Inc. Toy building block. 281,262, 11-5-85, Cl. D21-108.000.
- Volpe, Leo S.; and Hirtle, Michael O., to Tyco Industries, Inc. Toy building block. 281,263, 11-5-85, Cl. D21-108.000.
- Volta Industrial Co., Ltd.: *See—*
  - Chen, James, 278,946, Cl. D2-270.000.
- Vona, Romanino. Display bin. 279,749, 7-23-85, Cl. D6-573.000.
- vonBuelow, John, to United States Borax & Chemical Corporation. Soap dispenser. 279,530, 7-9-85, Cl. D6-545.000.
- Von Gunten, Lee. Organ player attachment. 279,012, 5-28-85, Cl. D17-9.000.
- Von Till, Paul S., to American Home Products Corporation. Vaporizer for insecticides and rodenticides. 280,538, 9-10-85, Cl. D22-19.000.
- Vorwerk & Co Elektrowerke KG: *See—*
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- Vosca Corporation: *See—*
  - Pappas, Chris J., 277,556, Cl. D10-2.000.
- Votaw, Warren G., to Emerson Electric Co. Gearbox housing. 278,824, 5-14-85, Cl. D15-149.000.
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- Wada, Masaru, to Terumo Corporation. Artificial lung with a built-in heat exchanger. 279,705, 7-16-85, Cl. D24-8.000.
- Wada, Masaru, to Terumo Corporation. Artificial lung with a built-in heat exchanger. 280,340, 8-27-85, Cl. D24-8.000.
- Wada, Naoki; Saito, Tomitaro; and Hashiba, Takeo, to Sharp Kabushiki Kaisha. Tape recorder. 277,566, 2-12-85, Cl. D14-6.000.
- Wada, Tokio, to Kabushiki Kaisha Shinsei Industries. Labeler. 278,832, 5-14-85, Cl. D18-19.000.
- Wade, Katherine D.: *See—*
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- Waggoner, Glenn C., Jr. Batting order board or similar article. 277,875, 3-5-85, Cl. D19-88.000.
- Wagner, Curtis D., to Curtis Wagner Co., Inc. Floral container. 279,279, 6-18-85, Cl. D11-143.000.
- Wagner, John R., Jr. Stand for a home video controller. 278,102, 3-26-85, Cl. D6-466.000.
- Wagner Spray Tech Corporation: *See—*
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- Waite, Jerry A.: *See—*
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- Wakat, George H. Saddle rack. 277,989, 3-12-85, Cl. D30-45.000.
- Wakefield, Russell R.: *See—*
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- Walbeck, William M. Soap bar rack. 279,640, 7-16-85, Cl. D6-536.000.
- Wald Manufacturing Co., Inc.: *See—*
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- Waldeck, William D. Countertop showcase. 281,844, 12-24-85, Cl. D6-472.000.
- Walden, Eddie R. Storage container for sports accessories. 279,039, 5-28-85, Cl. D34-40.000.
- Walker, Alexander D. R., to Dyna Electronics, Inc. Single key stroke instant programming controller. 280,406, 9-3-85, Cl. D14-100.000.
- Walker Equipment Corporation: *See—*
  - Walker, Wesley F., Jr., 280,504, Cl. D14-53.000.
- Walker, John R.; and Montes, Thomas G. Bullet case. 278,096, 3-26-85, Cl. D3-38.000.
- Walker, Kenneth, to Gunlocke Company, The. Chair. 279,842, 7-30-85, Cl. D6-370.000.
- Walker, Larry L.: *See—*
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- Walker, Peter J., to Avon Tyres Limited. Tire. 279,177, 6-11-85, Cl. D12-136.000.
- Walker, Thomas. Tool box. 279,618, 7-9-85, Cl. D34-44.000.
- Walker, Wesley F., Jr., to Walker Equipment Corporation. Handset telephone. 280,504, 9-10-85, Cl. D14-53.000.
- Wallace, Robert S. Picture frame bowed clip. 281,142, 10-29-85, Cl. D8-349.000.
- Wallace, Robert S. Miniature picture frame. 281,551, 12-3-85, Cl. D6-310.000.
- Wallenwein, Hans K. Food processor tool holder. 280,586, 9-17-85, Cl. D7-74.000.
- Wallet, Bill J., to Firestone Tire & Rubber Company, The. Tire. 279,971, 8-6-85, Cl. D12-147.000.
- Wallet, Bill J.: *See—*
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  - Molnar, Joseph F.; and Wallet, Bill J., 277,951, Cl. D12-147.000.
  - Molnar, Joseph F.; and Wallet, Bill J., 278,524, Cl. D12-147.000.
- Walpin, Arline. Pillow rack. 278,497, 4-23-85, Cl. D6-462.000.
- Walpin, Arline. Pillow rack. 278,669, 5-7-85, Cl. D6-462.000.
- Walpin, Arline; and Walpin, Lionel A. Furniture leg or similar article. 278,775, 5-14-85, Cl. D6-495.000.
- Walpin, Lionel A.: *See—*
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- Walter, Hubert; and Saaksmeier, Hans-Joachim, to Bayerische Motoren Werke A.G. Motorcycle air entry fairing. 280,609, 9-17-85, Cl. D12-182.000.
- Walters, Raymond J. H., to Values Pty. Ltd. Pressure-responsive switch. 280,501, 9-10-85, Cl. D13-32.000.
- Waltz, Arthur L.; and Peirce, Elwin E. Base of a roof vent. 277,026, 1-1-85, Cl. D23-153.000.
- Waltz, Arthur L.; and Peirce, Elwin E. Roof vent. 277,027, 1-1-85, Cl. D23-153.000.
- Waltz, Arthur L.; and Peirce, Elwin E. Cap for a roof vent. 277,028, 1-1-85, Cl. D23-153.000.
- Walz, Lawrence: *See—*
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- Wampler, Gordon D. Combined tethered golf tees and base therefor. 279,121, 6-4-85, Cl. D21-208.000.
- Wan, Albert Y., to Hung Sang Metal Plastic Factory Ltd. Revolving holder for kitchen tools or the like. 279,950, 8-6-85, Cl. D7-73.000.
- Wan, Clement S., to Landmann Limited. Rotator primarily for a barbecue spit. 278,701, 5-7-85, Cl. D13-2.000.
- Wang, Henry C. Desk receptacle for writing instruments and office supplies or the like. 280,739, 9-24-85, Cl. D19-77.000.
- Wang, Henry C. Desk receptacle for writing instruments and office supplies or the like. 280,740, 9-24-85, Cl. D19-77.000.
- Wang, James P., to International Business Machines Corporation. Electronic typewriter. 281,701, 12-10-85, Cl. D18-1.000.
- Wang Laboratories, Inc.: *See—*
  - Kuba, Lawrence M., 280,408, Cl. D14-100.000.
  - Usab, Karen L.; and Dayton, Douglas C., 277,674, Cl. D14-113.000.
- Wang, Tony. Lamp. 281,538, 11-26-85, Cl. D26-64.000.
- Ward, Douglas K., to Powerflow, Inc. Vehicle splash guard. 281,774, 12-17-85, Cl. D12-185.000.
- Wareham, Richard A., to Hoover Company, The. Vacuum cleaner or the like. 277,706, 2-19-85, Cl. D32-18.000.
- Wareham, Richard A., to Hoover Company, The. Combined suction cleaner upper housing and bag or the like. 278,560, 4-23-85, Cl. D32-22.000.
- Waring, Don, to Crown Zellerbach Corporation. Bottle. 280,709, 9-24-85, Cl. D9-370.000.
- Warmath, John, to S.M.S Plastics Corp. Garment clip. 277,534, 2-12-85, Cl. D6-328.000.
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- Warner-Lambert Company: *See—*
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  - Belotta, Anthony S., 279,150, Cl. D6-462.000.
  - Neggers, Frank J., 277,458, Cl. D9-443.000.
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- Warner Lambert Technologies, Inc.: *See—*
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  - Kr[illegible]a, Masao; Washimine, Osamu; Koizumi, Michio; Iwata, Yasuo; and Kurihara, Toshio, 281,079, Cl. D18-23.000.
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Wasson, Charles T. Desk accessory. 277,013, 1-1-85, Cl. D19-75.000.
Wasson, John J. Headband. 277,330, 1-29-85, Cl. D2-230.000.
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Watanabe, Katsumi, to Ozen Corporation. Spring driven phonograph for internal placement in toys or the like. 277,276, 1-22-85, Cl. D14-14.000.
Watanabe, Katsumi, deceased (by Watanabe, Shizuko, legal heir), to Ozen Corporation. Electric motor driven phonograph for internal placement in toys or the like. 278,334, 4-9-85, Cl. D14-14.000.
Watanabe, Masahiro, to Honda Giken Kogyo Kabushiki Kaisha. Motor tricycle. 281,963, 12-31-85, Cl. D12-110.000.
Watanabe, Satoshi, to Shimano Industrial Company Limited. Pedal for a bicycle. 280,192, 8-20-85, Cl. D12-125.000.
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Waters, Ivan L., to Burn-Brite Lights Proprietary Limited. Flame-proof light enclosure. 280,025, 8-6-85, Cl. D26-24.000.
Waters, John E., to Advanced Plastics, Inc. Truck tool box. 278,995, 5-28-85, Cl. D12-157.000.
Waters, John E., to Advanced Plastics, Inc. Truck tool box. 279,368, 6-25-85, Cl. D12-157.000.
Waters, John E., Jr., to Advanced Plastics, Inc. Over wheel well truck tool box. 279,664, 7-16-85, Cl. D12-157.000.
Watson, Alan R., to Electro-Voice, Incorporated. Microphone. 277,852, 3-5-85, Cl. D14-12.000.
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Webb, Shirley B. Folding wheeled walker. 281,771, 12-17-85, Cl. D12-130.000.
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Webb, William E. Fabric dialysis-equipment carrier for ambulatory patients. 277,986, 3-12-85, Cl. D24-64.000.
Webber, Louis A. Garment hanger. 279,432, 7-2-85, Cl. D6-319.000.
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Weber, Roland. Supporting plate for dental impressions. 281,621, 12-3-85, Cl. D24-10.000.
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  Schlosser, Erich J.; and Stephen, George, Jr., 278,021, Cl. D7-332.000.
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Weeks, Harold R. Squaring tool. 279,964, 8-6-85, Cl. D10-62.000.
Weernink, Johan H., to Mepal Service B.V. Mug. 279,948, 8-6-85, Cl. D7-9.000.
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Wei, Yung-Kuan. Beverage dispenser or the like. 281,136, 10-29-85, Cl. D7-301.000.
Weikel, Gary M. Finger ring. 279,462, 7-2-85, Cl. D11-38.000.
Weiland, Herbert C.; and Kanaoki, Shinichi, to Tomy Kogyo Company, Incorporated. Viewing toy. 281,179, 10-29-85, Cl. D21-59.000.
Weiller, Peter J., to Thomson-Leeds Company, Inc. Product spacer for merchandise rack. 279,151, 6-11-85, Cl. D6-491.000.
Weiner, Alvin J. Holder for a type font disc. 277,999, 3-19-85, Cl. D3-35.000.
Weiner, Bruce, to Airway Industries, Inc. Luggage case. 281,034, 10-22-85, Cl. D3-48.000.
Weinerman, Lee S.; and Putzier, Fredrick L., to Eastern Company, The. Lift and turn latch handle. 279,761, 7-23-85, Cl. D8-306.000.
Weinerman, Lee S.; Rachocki, Michael J.; and Dignan, Donald J., to Eastern Company, The. Combined latch operating handle and handle housing. 281,665, 12-10-85, Cl. D8-302.000.
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Weisenbarger, Gale M.; and Moran, John C. Magnetic fluid conditioner. 279,027, 5-28-85, Cl. D23-3.000.
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  LaMarsh, Robert D.; and Weiss, John, 280,227, Cl. D21-194.000.
Weissenburger, Edward A., to Johnson & Johnson Dental Products Company. Combined finger clip and cup holder for dental cleaning paste or the like. 277,781, 2-26-85, Cl. D24-10.000.
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Welch, Stephen R. Storage rack. 281,335, 11-12-85, Cl. D19-86.000.
Welliver, Edward V. Drill bit holder for sharpening or similar article. 277,639, 2-19-85, Cl. D8-72.000.
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Wendt, Gary R., to Vogel, Leonard R., a part interest. Candle holder. 279,129, 6-4-85, Cl. D26-9.000.
Wendt, Gary R. Hot tub cover. 280,438, 9-3-85, Cl. D23-71.000.
Wenstrom, Roger A.; Irvin, Donald E.; and Holes, William W., to Holes-Webway Company, The. Embossed pocketed album page. 277,490, 2-5-85, Cl. D19-33.000.
Wenstrom, Roger A.; Holes, William W.; and Raiter, Leon C., to Holes-Webway Company, The. Diary. 278,352, 4-9-85, Cl. D19-26.000.
Werman, Jonathan H., to Keds Corporation, The. Sport shoe. 278,757, 5-14-85, Cl. D2-309.000.
Wermuth, Walter, to Cendres et Metaux S.A. Device for attaching dental bridge to a tooth. 282,003, 12-31-85, Cl. D24-10.000.
Werner, Russell. Flexible storage container for electric extension cords or similar articles. 278,095, 3-26-85, Cl. D3-30.100.
Werrin, Samuel R., to Charlestein, Morton; and Frezel, Jerrold. Dental bite tray. 277,605, 2-12-85, Cl. D24-16.000.
Wesco Manufacturing, Inc.: *See—*
  Cartwright, Jerry G., 277,440, Cl. D6-476.000.
  Cartwright, Jerry G., 281,558, Cl. D6-469.000.
Weshler, Benjamin S. Display cabinet. 277,817, 3-5-85, Cl. D6-471.000.
Wessels, William H. Snow ski teather. 279,023, 5-28-85, Cl. D21-230.000.
West, Donald E., to Game Time, Inc. Playground climber. 279,401, 6-25-85, Cl. D21-245.000.
West, Haywood L., to Burlington Furniture, Div. of Burlington Industries, Inc. Headboard. 277,909, 3-12-85, Cl. D6-507.000.
West, Haywood L., to Hooker Furniture Corporation. Headboard. 278,488, 4-23-85, Cl. D6-508.000.
West, Toni A. Device for removing fingernail polish. 277,322, 1-22-85, Cl. D28-58.000.
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Western Publishing Co.: *See—*
  Bousman, William J., 277,963, Cl. D14-107.000.
Westfalische Metall Industrie KG Hueck & Co: *See—*
  Schmidt, Gerhard, 277,273, Cl. D12-181.000.
Westler, Janice M.; and Shattow, Robert, to Kransco Manufacturing, Inc. Water float. 278,074, 3-19-85, Cl. D21-237.000.
Westlund, Arnold E., Jr.: *See—*
  Fraley, Lawrence R.; and Westlund, Arnold E., Jr., 281,355, Cl. D26-2.000.
Westmas, Leland D.: *See—*
  Brown, John M.; Herritz, Donald; Ottinger, Barbara L.; and Westmas, Leland D., 278,311, Cl. D9-436.000.
Weststar Marketing, Inc.: *See—*
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  Smith, Carl R., 281,841, Cl. D6-404.000.
WFI International, Inc.: *See—*
  Ryan, Bobby W., 281,698, Cl. D15-144.000.
Whatley, David G., to Permaflex, Ltd. Combined container cap and set of lighter refill adaptors. 277,825, 3-5-85, Cl. D9-436.000.
Wheeler, Phillip L. Luminaire shield. 279,822, 7-23-85, Cl. D26-118.000.
Wheeler, William C., to General Electric Company. Videoconferencing console with multiple video transmitting and receiving devices. 281,502, 11-26-85, Cl. D14-102.000.
Wheinstone, David B.: *See—*
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Whelan, James P. Support for a paint strainer. 280,685, 9-24-85, Cl. D6-462.000.
Whelen Engineering Company, Inc.: *See—*
  Ferenc, Robert A., 282,010, Cl. D26-28.000.

Whidden, Agnes. Comb holder. 280,873, 10-8-85, Cl. D6-553.000.
Whitaker, Judith A. Extendible automotive ashtray reflector. 278,985, 5-28-85, Cl. D10-111.000.
Whitaker, Richard J., to Broadaker Co., Ltd. Wall mounted support for loudspeaker or the like. 281,317, 11-12-85, Cl. D14-38.000.
White, Donald R. Telephone. 278,904, 5-21-85, Cl. D14-53.000.
White, Jeffrey N.; Kosich, Milo R.; and Levenstein, Norman, to Audio-Technica, U.S. Loud speaker. 278,811, 5-14-85, Cl. D14-34.000.
White, Jill. Yarn holder. 281,831, 12-24-85, Cl. D3-23.000.
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  Jaros, Philip; and Wright, Paul O., 281,361, Cl. D32-50.000.
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White, Thomas H., to Boeing Company, The. Vehicle seat or the like. 277,526, 2-12-85, Cl. D6-356.000.
Whited, Earl B. Harmonica holder. 279,905, 7-30-85, Cl. D17-13.000.
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Whitney, Frank, to Masco Corporation. Article carrier bracket. 276,989, 1-1-85, Cl. D12-157.000.
Whitney, Rolland L.: *See—*
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Wichman, William J., to Discovery Toys. Toy chain link. 278,920, 5-21-85, Cl. D21-59.000.
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  Kim, Syng N., 279,203, Cl. D21-48.000.
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Widell, Jan; Widell, Harald; and Bergman, Nils-Ake. Collector rail. 278,229, 4-2-85, Cl. D13-12.000.
Widen, Bo, to GKN-Stenman AB. Key blank. 278,880, 5-21-85, Cl. D8-347.000.
Widerby, Lennart, to Flakt Aktiebolag. Exhaust air valve. 278,079, 3-19-85, Cl. D23-19.000.
Widerby, Lennart, to Flakt Aktiebolag. Fastener for exhaust air valves. 278,595, 4-30-85, Cl. D8-389.000.
Wiechnicki, David, to Litton Business Systems, Inc. Case for an electronic accounting machine. 278,061, 3-19-85, Cl. D14-100.000.
Wiese, James A. Clamp element for model railroad coupler. 281,187, 10-29-85, Cl. D21-141.000.
Wiese, Lee, to Philip Morris Incorporated. Cigarette pack merchandising unit. 279,908, 7-30-85, Cl. D20-4.000.
Wiese, Martin; Shearer, Thomas E.; and Lehman, Dexter K., to National Union Electric Corporation. Carpet and rug vacuum cleaner. 277,517, 2-5-85, Cl. D32-22.000.
Wik, Torsten; Lagerstam, Christer; Pettersson, Kurt; and Mattsson, Kjell, to Aktiebolaget Bofors. Ammunition projectile to be used for training purposes. 277,597, 2-12-85, Cl. D22-10.000.
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  Arnold, Don C.; and Wilcox, Thomas J., 281,095, Cl. D23-23.000.
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Wildgen, Leo F., to Ideal Security Hardware Corporation. Combined door opener and escutcheon unit. 280,073, 8-13-85, Cl. D8-301.000.
Wildgen, Leo F., to Ideal Security Hardware Corporation. Storm door handle unit. 280,074, 8-13-85, Cl. D8-302.000.
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  Wiley, William M.; and Wiley, Mary H., 279,199, Cl. D18-30.000.
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Wilk, John J. Article supporting bar. 280,595, 9-17-85, Cl. D8-354.000.
Wilkening, Donald W., to Wilkening Manufacturing Company. Fireplace door. 280,012, 8-6-85, Cl. D23-128.000.
Wilkening Manufacturing Company: *See—*
  Wilkening, Donald W., 280,012, Cl. D23-128.000.
Wilkes, Kenneth R., to Quaker Oats Company, The. Toy fire truck. 277,688, 2-19-85, Cl. D21-133.000.
Wilkes, Kenneth R., to Quaker Oats Company, The. Toy utility truck. 277,690, 2-19-85, Cl. D21-135.000.
Wilkey, Frank, Jr. deceased: *See—*
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Wilkinson, Peter L. Water temperature calculator for bakery products. 279,111, 6-4-85, Cl. D18-10.000.
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  Lang, Manfred, 280,178, Cl. D8-99.000.
Wilkinson Sword Limited: *See—*
  Welch, Robert R., 280,173, Cl. D7-152.000.
Willburn, James O. Merchandise display rack. 279,946, 8-6-85, Cl. D6-479.000.
Willett, Paul E., to Baker Perkins Exports Pty. Ltd. Baker's oven. 279,953, 8-6-85, Cl. D7-338.000.
Willett, Paul E., to Baker Perkins Exports Pty. Ltd. Baker's oven. 279,954, 8-6-85, Cl. D7-338.000.
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William Findings Corporation: *See—*
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Williams, Cal R. Male formal-wear coat. 280,253, 8-27-85, Cl. D2-187.000.
Williams, David P. G., to Chairmakers, Inc. Sofa. 280,269, 8-27-85, Cl. D6-379.000.
Williams Electronics, Inc.: *See—*
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  Ludzia, Leo F.; and Ishaya, Romeo M., 280,836, Cl. D21-13.000.
Williams, Godfrey E. Golf tee hip holder. 280,676, 9-24-85, Cl. D2-400.000.
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  Williams, William J., 281,659, Cl. D7-17.000.
  Williams, William J., 281,911, Cl. D26-11.000.
Williams, Jackie G. Flexible ski-carrier. 277,902, 3-12-85, Cl. D3-36.000.
Williams, John K., to British Telecommunications. Housing for a telephone handset. 278,815, 5-14-85, Cl. D14-63.000.
Williams, John K., to British Telecommunications. Telephone handset base including transparent display panels. 280,988, 10-15-85, Cl. D14-62.000.
Williams, Kenneth L. Sign frame. 278,355, 4-9-85, Cl. D20-38.000.
Williams, Richard E. Picture framing cutter. 278,792, 5-14-85, Cl. D8-98.000.
Williams, Robert C. Doll. 281,988, 12-31-85, Cl. D21-184.000.
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  Williams, William O.; and Williams, Stephen D., 280,479, Cl. D6-548.000.
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Williams, William J., to Williams Industries, Inc. Covered crock for foods or the like. 281,659, 12-10-85, Cl. D7-17.000.
Williams, William J., to Williams Industries, Inc. Candle lamp. 281,911, 12-24-85, Cl. D26-11.000.
Williams, William O.; and Williams, Stephen D. Auxiliary towel bar. 280,479, 9-10-85, Cl. D6-548.000.
Williamson, Jerry R.; and Muters, Keith A. Roof ridge ventilator. 277,229, 1-15-85, Cl. D23-153.000.
Williamson, Jerry R.; and Muters, Keith A. Roof ridge ventilator. 277,230, 1-15-85, Cl. D23-153.000.
Williamson, Jerry R.; and Muters, Keith A. Roof edge ventilator. 277,312, 1-22-85, Cl. D23-153.000.
Williamson, Jerry R.; and Muters, Keith A. Roof edge ventilator. 277,502, 2-5-85, Cl. D23-153.000.
Willinger, Allan H., to Willinger Bros. Inc. Aquarium filter. 280,658, 9-17-85, Cl. D23-4.000.
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Willis, David: *See—*
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Willis, Michael A. Taco holder. 279,851, 7-30-85, Cl. D7-37.000.
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  Willis, Bobby L.; and Willis, Noemi R., 280,914, Cl. D21-5.000.
Willis, William E. Radio mounting fairing for a motorcycle fairing. 278,327, 4-9-85, Cl. D12-114.000.
Wilman, Richard. Hinge pin lock. 277,453, 2-5-85, Cl. D8-323.000.
Wilsgaard, Jan, to Aktiebolaget Volvo. Bumper extension. 280,399, 9-3-85, Cl. D12-172.000.
Wilson, George A., to Ampex Corporation. Tape transport. 278,062, 3-19-85, Cl. D14-108.000.
Wilson, George A., to Ampex Corporation. Video special effects editing console. 280,510, 9-10-85, Cl. D14-106.000.
Wilson, George A., to Ampex Corporation. Magnetic tape transport. 280,616, 9-17-85, Cl. D14-8.000.
Wilson, Jerry F., to Manville Service Corporation. Article carrier blank. 278,601, 4-30-85, Cl. D9-433.000.
Wilson, Jerry L., to Soloflex, Inc. Variable resistance strap for exercise apparatus. 280,224, 8-20-85, Cl. D21-191.000.
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- Wilson, Loren. Pickup unit for animal droppings. 281,108, 10-22-85, Cl. D30-99.000.
- Wilson, Louis D.; Wilson, Wesley G.; and Vrilakas, Mark, to Drive Line Service, Incorporated. Balance measuring apparatus for machinery. 277,760, 2-26-85, Cl. D15-138.000.
- Wilson, Michael C., to Idea Works! The. Combined sweatband and mirror. 278,384, 4-16-85, Cl. D2-360.000.
- Wilson, Michael C., to Tyke Corporation. Carrying cart with detachable pack. 280,564, 9-10-85, Cl. D34-25.000.
- Wilson, Peter M., to Lucas Industries Limited. Air nozzle. 277,403, 1-29-85, Cl. D23-35.000.
- Wilson, Richard C., to Tie Down Engineering, Inc. Saw guide. 279,870, 7-30-85, Cl. D10-62.000.
- Wilson, Robert A., to Waste Compaction Systems, Inc. Material compactor. 280,327, 8-27-85, Cl. D15-123.000.
- Wilson, Wesley G.: *See—*
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- Wilt, William L., to AT&T Technologies, Inc. Telephone set stand. 277,664, 2-19-85, Cl. D14-60.000.
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- Winkler, Myra, to Teleconcepts, Inc. Telephone. 277,096, 1-8-85, Cl. D14-53.000.
- Winkler, Myra, to Teleconcepts, Inc. Combined telephone and stand therefor. 277,097, 1-8-85, Cl. D14-53.000.
- Winkler, Myra, to Teleconcepts, Inc. Telephone. 277,280, 1-22-85, Cl. D14-53.000.
- Winslow, David; and Toth, Stephen M., to American Greetings Corporation. Toy carrying case. 279,625, 7-16-85, Cl. D3-66.000.
- Winslow, Robert B., to Beck, Barbara S. Medical garment or the like. 280,565, 9-17-85, Cl. D2-6.000.
- Winston, Edith. Weighted vest. 278,840, 5-14-85, Cl. D21-191.000.
- Winter, Roger D.; Gregg, James S.; and Skewis, Daniel R., to Samsonite Corporation. Identification holder for a luggage case or the like. 281,436, 11-19-85, Cl. D20-43.000.
- Winter, Roger D.; Gregg, James S.; and Skewis, Daniel R., to Samsonite Corporation. Identification holder for a luggage case or the like. 281,706, 12-10-85, Cl. D20-43.000.
- Winters, Robert; and Arjani, Farouk, to Pitney Bowes Inc. CRT Work station. 280,820, 10-1-85, Cl. D14-106.000.
- Winterson, Anthony J.: *See—*
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- Winyard, Frank L., to Wiltshire Consolidated Limited. Knife scabbard. 279,951, 8-6-85, Cl. D7-74.000.
- Wirkkala, Veli T., to A. Ahlstrom Osakeyhtio. Bottle or similar article. 277,079, 1-8-85, Cl. D9-378.000.
- Wise, Lewis A. Suction tube handle with valve. 279,925, 7-30-85, Cl. D24-53.000.
- Wisecup, Wilbur V., Jr. Photograph display frame. 280,363, 9-3-85, Cl. D6-301.000.
- Wiseman, John A., to International Business Machines Corporation. Tilt rotate base for a computer display. 277,580, 2-12-85, Cl. D14-114.000.
- Wistrand, John, to Clairol Incorporated. Hair dryer with attachments. 277,417, 1-29-85, Cl. D28-13.000.
- Wistrand, John, to Clairol Incorporated. Hair dryer. 281,360, 11-12-85, Cl. D28-13.000.
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- Witte, Stephen L., to Inter-Pac Packaging Corporation. Loose fill packing element. 279,170, 6-11-85, Cl. D9-456.000.
- Wohlman, Marylin. Purse holder. 279,245, 6-18-85, Cl. D6-467.000.
- Wolbrom, Irving M., to Presentation Vehicles, Ltd. Fragrance applicator. 279,224, 6-11-85, Cl. D28-7.000.
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  - Kolb, Walter, 278,970, Cl. D8-107.000.
  - Kolb, Walter, 280,176, Cl. D8-11.000.
  - Kolb, Walter, 281,387, Cl. D8-13.000.
- Wolf, Hans, to Vernitron Corporation. Motor for rotating a spit. 281,414, 11-19-85, Cl. D13-2.000.
- Wolf, Rodney A. Paperweight. 279,300, 6-18-85, Cl. D19-97.000.
- Wolfberg, Gary R., to G. R. Marketing, Inc. Ski pin. 279,174, 6-11-85, Cl. D11-47.000.
- Wolfe, Denis G.; Young, Thomas S.; Wasserman, Arnold S.; and Lawing, Edward, to Colortran, Inc. Lighting system control console. 278,997, 5-28-85, Cl. D13-12.000.
- Wolfe, Denis G.: *See—*
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- Wolfe, Donald G.: *See—*
  - Mango, Joseph R.; and Wolfe, Donald G., 279,215, Cl. D23-146.000.
  - Mango, Joseph R.; and Wolfe, Donald G., 279,216, Cl. D23-148.000.
- Wolfe, Henry S., to Gulf Coast Aqua Leisure Corporation. Float. 280,809, 10-1-85, Cl. D12-316.000.
- Wolfe, Herbert: *See—*
  - Seid, Paul; and Wolfe, Herbert, 281,529, Cl. D24-10.000.
  - Seid, Paul; and Wolfe, Herbert, 281,530, Cl. D24-10.000.
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  - Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 278,114, Cl. D7-38.000.
  - Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 280,965, Cl. D7-81.000.
  - Prophet, Wilson B., Jr.; Wolfe, William G.; and Simmons, Thomas J., 280,966, Cl. D7-81.000.
- Wolff, Martin J., to Dart Industries Inc. Tumbler seal rack or the like. 277,723, 2-26-85, Cl. D6-475.000.
- Wolff, Martin J., to Dart Industries Inc. Sheet material dispenser or the like. 278,005, 3-19-85, Cl. D6-518.000.
- Wolff, Martin J., to Dart Industries Inc. Bowl carrier or the like. 278,501, 4-23-85, Cl. D7-19.000.
- Wolff, Martin J., to Dart Industries Inc. Covered container or the like. 280,964, 10-15-85, Cl. D7-79.000.
- Wolff, Martin J., to Dart Industries Inc. Container or the like. 281,048, 10-22-85, Cl. D7-79.000.
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  - Loscalzo, Dominick; Michaelson, Howard W.; Bateman, Robert F.; and Wolff, Martin J., 280,678, Cl. D3-39.000.
- Wolff, Natalie A., to Container Corporation of America. Cowboy hat. 280,147, 8-20-85, Cl. D2-258.000.
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  - Hill, I. David, 281,927, Cl. D2-310.000.
- Womack, James A.: *See—*
  - Long, Jerry M.; and Womack, James A., 280,041, Cl. D3-35.000.
- Wong, Dennis C., to Deacon & Co. Limited. Crib toy. 281,438, 11-19-85, Cl. D21-63.000.
- Wong, Dennis C. L., to Deacon & Co. Limited. Activity toy. 281,516, 11-26-85, Cl. D21-59.000.
- Wood, Frank L. Dart board. 279,302, 6-18-85, Cl. D21-6.000.
- Wood, Ronald. Digital telephone exchange equipment cabinet or similar article. 279,562, 7-9-85, Cl. D14-52.000.
- Woodcock, Charles M.; and Kliment, Randy, to General Foods Corporation. Dispensing closure. 278,413, 4-16-85, Cl. D9-446.000.
- Woodhall, Michael B., to Crosfield Electronics Limited. Page planning table with display monitor. 278,820, 5-14-85, Cl. D14-103.000.
- Woodruff, James L. Module for laser wheel alignment system. 278,983, 5-28-85, Cl. D10-46.000.
- Woodruff, Keith, to American Cyanamid Company. Insect feeding station or similar article. 278,842, 5-14-85, Cl. D22-19.000.
- Woods, Craig P. Hat. 281,455, 11-26-85, Cl. D2-243.000.
- Woods, Garry W.: *See—*
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- Woodstream Corporation: *See—*
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- Wordtmann, Jurgen E., to J. A. Henckels Zwillingswerk AG. Pair of scissors. 276,975, 1-1-85, Cl. D8-57.000.
- Workman, David E.; and King, William L., to Samsonite Corporation. Luggage steering handle. 278,878, 5-21-85, Cl. D8-300.000.
- Workman, David E.: *See—*
  - Nordstrom, Mark B.; and Workman, David E., 278,000, Cl. D3-76.000.
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- Anderson, Fred W., deceased; and by Olson, Wendel J., heir. Cherry tree (King-44-p-477). 5,478, 5-28-85, Cl. 37.000.
- Armstrong Nurseries, Inc.: *See—*
  - Chater, Sassin J., 5,418, Cl. 33.000.
  - Christensen, Jack E., 5,397, Cl. 7.000.
  - Christensen, Jack E.; and Swim, Herbert C., 5,398, Cl. 11.000.
  - Christensen, Jack E.; and Swim, Herbert C., 5,399, Cl. 22.000.
  - Christensen, Jack E., 5,466, Cl. 15.000.
  - Christensen, Jack E., 5,556, Cl. 11.000.
  - Christensen, Jack E., 5,558, Cl. 17.000.
  - Feigel, John R.; and Christensen, Jack E., 5,467, Cl. 18.000.
  - McGredy, Samuel, IV, 5,519, Cl. 20.000.
- Arnesen, Richard A., to Geo. J. Ball Inc. Azalea named Nancy Marie. 5,389, 1-15-85, Cl. 55.000.
- Asdoorian, Alan R.; and Asdoorian, Soren. Nectarine tree, Island Delight. 5,462, 5-7-85, Cl. 41.000.
- Asdoorian, Soren: *See—*
  - Asdoorian, Alan R.; and Asdoorian, Soren, 5,462, Cl. 41.000.
- B. V. Handelskwekerij, M. C. van Staaveren: *See—*
  - van Andel, Jacob, 5,498, Cl. 73.000.
  - van Andel, Jacob, 5,499, Cl. 70.000.
  - van Andel, Jacob, 5,500, Cl. 73.000.
  - van Andel, Jacob, 5,504, Cl. 70.000.
  - van Andel, Jacob, 5,505, Cl. 70.000.
  - van Andel, Jacob, 5,506, Cl. 70.000.
  - van Andel, Jacob, 5,507, Cl. 73.000.
  - van Andel, Jacob, 5,509, Cl. 68.000.
  - van Andel, Jacob, 5,510, Cl. 68.000.
  - van Andel, Jacob, 5,525, Cl. 70.000.
  - van Andel, Jacob, 5,526, Cl. 70.000.
  - van Andel, Jacob, 5,529, Cl. 70.000.
  - van Andel, Jacob, 5,542, Cl. 68.000.
  - van Andel, Jacob, 5,544, Cl. 70.000.
  - van Andel, Jacob, 5,565, Cl. 73.000.
  - van Andel, Jacob, 5,589, Cl. 70.000.
- B. V. Handelskwekerij, M. C. van Staavern: *See—*
  - van Andel, Jacob, 5,501, Cl. 68.000.
- B. V. Handelskwekij, M. C. van Staaveren: *See—*
  - van Andel, Jacob, 5,431, Cl. 68.000.
- Baratta, Nicoletta; and Nobbio, Giacomo, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lontarion. 5,435, 4-9-85, Cl. 73.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londrioka. 5,419, 3-19-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonbelit. 5,420, 3-19-85, Cl. 72.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lontocia. 5,432, 4-9-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonkorpi. 5,433, 4-9-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonblitec. 5,434, 4-9-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londonie. 5,439, 4-16-85, Cl. 73.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonforem. 5,444, 4-23-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londelien. 5,445, 4-23-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonsico. 5,446, 4-23-85, Cl. 73.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonbalma. 5,476, 5-28-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londeton. 5,511, 7-9-85, Cl. 71.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonpilem. 5,512, 7-9-85, Cl. 71.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lonbira. 5,513, 7-16-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Loncruso. 5,514, 7-16-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londapo. 5,515, 7-16-85, Cl. 71.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londanelle. 5,516, 7-16-85, Cl. 73.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londesty. 5,528, 8-6-85, Cl. 70.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Londaxie. 5,530, 8-6-85, Cl. 71.000.
- Barberet, Nicole; and Ducloux, Yves, to Laboratoire de Physiologie Vegetale de la Londe. Carnation named Lontrelos. 5,580, 11-5-85, Cl. 71.000.
- Barkan, Pinchas, to Kvutsat Schiller Kvutsat Ovdim Lehityashvut Shitufit Ltd. Avocado tree-Schiller. 5,442, 4-23-85, Cl. 44.000.
- Bennett, Cecilia L. D. Little Amigo. 5,380, 1-1-85, Cl. 10.000.
- Bennett, Cecilia L. D. Miniature rose plant—Pucker Up. 5,407, 2-26-85, Cl. 10.000.
- Bennett, Cecilia L. D. Miniature rose plant. 5,424, 4-2-85, Cl. 9.000.
- Bennett, Cecilia L. D. Miniature rose plant. 5,437, 4-16-85, Cl. 9.000.
- Bennett, Cecilia L. D. Miniature rose plant. 5,458, 5-7-85, Cl. 7.000.
- Bennett, Cecilia L. D. Miniature rose plant. 5,470, 5-21-85, Cl. 9.000.
- Bennett, Cecilia L. D. Miniature rose plant. 5,518, 7-23-85, Cl. 7.000.
- Bennett, Cecilia L. D. Miniature rose plant. 5,522, 7-30-85, Cl. 7.000.
- Bennett, Cecilia L. D. Miniature rose plant named Bloomer Girl. 5,523, 7-30-85, Cl. 9.000.
- Bennett, Cecilia L. D. Miniature rose plant—Fair Dinkum. 5,564, 10-1-85, Cl. 7.000.
- Bennett, Cecilia L. D. Miniature rose plants. 5,590, 12-10-85, Cl. 7.000.
- Bennett, Cecilia Lucy Daphne: *See—*
  - Strawn, Leslie E., 5,436, Cl. 8.000.
- Blazey, Daniel, to Nor'East Miniature Roses, Inc. Rose plant—Blabee. 5,448, 4-30-85, Cl. 7.000.
- Blickenstaff, David E., deceased; and by Blickenstaff, Esther L., Trustee. Almond tree ("Wood Colony"). 5,583, 12-3-85, Cl. 30.000.
- Blickenstaff, Esther L., Trustee: *See—*
  - Blickenstaff, David E., deceased; and Blickenstaff, Esther L., Trustee, 5,583, Cl. 30.000.
- Boll, Holger, to L. Daehnfeldt Ltd. Begonia plant named Pia Elise. 5,390, 1-15-85, Cl. 68.000.
- Bracken, Ray, to Ray Bracken Nursery, Inc. Magnolia grandiflora named Brackens Brown Beauty. 5,520, 7-23-85, Cl. 51.000.
- Bradford, Norman G. Nectarine tree - Early Diamond. 5,438, 4-16-85, Cl. 41.000.
- Bradford, Norman G. Nectarine tree (May Diamond). 5,454, 4-30-85, Cl. 41.000.
- Bradford, Norman G. Nectarine tree (Spring Diamond). 5,455, 4-30-85, Cl. 41.000.
- Bradford, Norman G. Nectarine tree (Sun Diamond). 5,456, 4-30-85, Cl. 41.000.
- Brooks, Lyle A., to Carlton Nursery Company, Inc. Pear tree. 5,412, 3-5-85, Cl. 36.000.
- Brooks, Lyle A., to Carlton Nursery Company, Inc. Pear tree. 5,468, 5-14-85, Cl. 36.000.
- Brooks, Lyle A., to Carlton Nursery Company, Inc. Pear tree (variety 69). 5,559, 9-17-85, Cl. 36.000.
- Brooks, Lyle A., to Carlton Nursery Company, Inc. Pear tree. 5,573, 10-15-85, Cl. 36.000.
- Bruno Imazio Partnership: *See—*
  - Imazio, Bruno L., 5,430, Cl. 54.000.
- Carlton Nursery Company, Inc.: *See—*
  - Brooks, Lyle A., 5,412, Cl. 36.000.
  - Brooks, Lyle A., 5,468, Cl. 36.000.
  - Brooks, Lyle A., 5,559, Cl. 36.000.
  - Brooks, Lyle A., 5,573, Cl. 36.000.
- Carlton Rose Nurseries, Inc.: *See—*
  - Strahle, Robert, 5,381, Cl. 18.000.
- Carrier, Leonard E. Carnation plant. 5,410, 3-5-85, Cl. 70.000.
- Chater, Sassin J., to Armstrong Nurseries, Inc. Pomegranate cv. Armchat. 5,418, 3-19-85, Cl. 33.000.
- Chick, Norman A., to Glazier, James L. Apple tree. 5,508, 7-9-85, Cl. 34.000.
- Christensen, Jack E., to Armstrong Nurseries, Inc. Miniature rose plant cv Aroprawn. 5,397, 1-29-85, Cl. 7.000.
- Christensen, Jack E.; and Swim, Herbert C., to Armstrong Nurseries, Inc. Rose plant cv. Arowedye. 5,398, 1-29-85, Cl. 11.000.
- Christensen, Jack E.; and Swim, Herbert C., to Armstrong Nurseries, Inc. Rose plant cv. Arojechs. 5,399, 1-29-85, Cl. 22.000.
- Christensen, Jack E., to Armstrong Nurseries, Inc. Hybrid tea rose plant cv. Arosumo. 5,466, 5-14-85, Cl. 15.000.
- Christensen, Jack E., to Armstrong Nurseries, Inc. Hybrid tea rose cv. Arocomu. 5,556, 9-10-85, Cl. 11.000.
- Christensen, Jack E., to Armstrong Nurseries, Inc. Hybrid tea rose cv. Arokunce. 5,558, 9-17-85, Cl. 17.000.
- Christensen, Jack E.: *See—*
  - Feigel, John R.; and Christensen, Jack E., 5,467, Cl. 18.000.
- Chrysanthemum Breeders Assoc. N.V.: *See—*
  - Hubertus van Veen, Johannes W., 5,477, Cl. 74.000.

- Clemons, Melvin B. Pecan tree (Jubilee). 5,485, 6-4-85, Cl. 31.000.
- Conard-Pyle Company, The: *See—*
  - Geers, Hermann, Jr., 5,555, Cl. 54.000.
  - Meilland, Marie L., 5,396, Cl. 2.000.
  - Meilland, Marie L., 5,607, Cl. 18.000.
  - Olij, Huibert W., 5,553, Cl. 22.000.
  - Winchel, Joseph F., 5,608, Cl. 20.000.
- Cornell Research Foundation, Inc.: *See—*
  - Sanford, John C.; and Ourecky, Donald K., 5,404, Cl. 46.000.
  - Sanford, John C.; Ourecky, Donald K.; and Slate, George L., deceased, 5,405, Cl. 46.000.
- Culbert, John R., to University of Illinois. Chrysanthemum plant named Illini Mist. 5,490, 6-11-85, Cl. 74.000.
- Culbert, John R., to University of Illinois. Chrysanthemum plant named Illini Harvest. 5,521, 7-23-85, Cl. 74.000.
- Dayton, Daniel F.; Korban, Safi; Williams, Edwin B.; Janick, Jules; Emerson, Frank H.; and Hough, L. Fredric, to Purdue Research Foundation. Apple tree. 5,584, 12-3-85, Cl. 34.000.
- Deibel, Dennis, to Ecke, Paul, Jr. Poinsettia plant named V-14 Hot Pink. 5,497, 6-18-85, Cl. 86.000.
- Ducloux, Yves: *See—*
  - Barberet, Nicole; and Ducloux, Yves, 5,419, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,420, Cl. 72.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,432, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,433, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,434, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,439, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,444, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,445, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,446, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,476, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,511, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,512, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,513, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,514, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,515, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,516, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,528, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,530, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,580, Cl. 71.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Cavalcade. 5,400, 2-5-85, Cl. 78.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Venture. 5,401, 2-5-85, Cl. 78.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Eclipse. 5,402, 2-5-85, Cl. 78.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Riot. 5,403, 2-5-85, Cl. 82.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Chardonnay. 5,408, 2-26-85, Cl. 74.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Champ. 5,409, 2-26-85, Cl. 78.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Foxy. 5,414, 3-12-85, Cl. 74.000.
- Duffett, William E.; and Mack, Grace H., to Mack, Grace H. Chrysanthemum plant named Ballerina. 5,440, 4-16-85, Cl. 77.000.
- Duffett, William E.; and Mack, Grace H., to Mack, Grace H. Chrysanthemum plant named Camelot. 5,441, 4-16-85, Cl. 80.000.
- Duffett, William E.; and Mack, Grace H., to Mack, Grace H. Chrysanthemum plant named Remarkable. 5,447, 4-23-85, Cl. 82.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Silverado. 5,475, 5-21-85, Cl. 74.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Excel. 5,495, 6-18-85, Cl. 76.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Charm. 5,502, 6-25-85, Cl. 76.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Joy. 5,566, 10-1-85, Cl. 74.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Sunup. 5,567, 10-1-85, Cl. 79.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Dawn. 5,568, 10-1-85, Cl. 79.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Siren. 5,618, 12-31-85, Cl. 74.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Tan. 5,619, 12-31-85, Cl. 74.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Spears. 5,620, 12-31-85, Cl. 74.000.
- Duffett, William E., to Yoder Brothers, Inc. Chrysanthemum plant named Vim. 5,621, 12-31-85, Cl. 78.000.
- Earl J. Small Growers, Inc.: *See—*
  - Sweet, Jack S., 5,479, Cl. 86.000.
- Ecke, Paul, Jr.: *See—*
  - Deibel, Dennis, 5,497, Cl. 86.000.
  - Gutbier, Gregor, 5,492, Cl. 86.000.
- Ellison, J. Howard; and Kinelski, John J., to Rutgers University. Asparagus plant-female plant No. 53 Inez. 5,546, 8-27-85, Cl. 89.000.
- Ellison, J. Howard; and Kinelski, John J., to Rutgers University. Asparagus plant. 5,549, 9-3-85, Cl. 89.000.
- Ellison, J. Howard; and Kinelski, John J., to Rutgers University. Asparagus plant-Greenwich-53×22-8. 5,550, 9-3-85, Cl. 89.000.
- Ellison, J. Howard; and Kinelski, John J., to Rutgers University. Asparagus plant-Jersey Giant. 5,551, 9-3-85, Cl. 89.000.
- Emerson, Frank H.: *See—*
  - Dayton, Daniel F.; Korban, Safi; Williams, Edwin B.; Janick, Jules; Emerson, Frank H.; and Hough, L. Fredric, 5,584, Cl. 34.000.
- Esau, Raymond J. Almond tree 'SR100'. 5,382, 1-1-85, Cl. 30.000.
- Feigel, John R.; and Christensen, Jack E., to Armstrong Nurseries, Inc. Rose cv. Arofeigel. 5,467, 5-14-85, Cl. 18.000.
- Fischer, Arnold, to Pan American Plant Company. African violet plant named Sleeping Beauty. 5,527, 8-6-85, Cl. 69.000.
- Fischer, Arnold, to Pan American Plant Company. African violet plant named Sugar Plum. 5,534, 8-13-85, Cl. 69.000.
- Fischer, Arnold, to Pan American Plant Company. African violet plant named Cindarella. 5,535, 8-13-85, Cl. 69.000.
- Fischer, Arnold, to Pan American Plant Company. African violet plant named Kathryn. 5,536, 8-13-85, Cl. 69.000.
- Fischer, Arnold, to Pan American Plant Company. African violet plant named Marguerite. 5,543, 8-27-85, Cl. 69.000.
- Flemer, William, III, to Treesearch. *Sophora japonica* Princeton Upright. 5,524, 7-30-85, Cl. 51.000.
- Fleming, Margaret M.: *See—*
  - Hesse, Peter S.; and Fleming, Margaret M., 5,443, Cl. 68.000.
- Garabedian, John M. Plum tree, "Early Gar Rosa". 5,453, 4-30-85, Cl. 38.000.
- Garabedian, John M. Plum tree, "Westerner". 5,609, 12-24-85, Cl. 38.000.
- Garabedian, John M. Plum tree, Southerner. 5,610, 12-24-85, Cl. 38.000.
- Gardner, Leith M.: *See—*
  - Zaiger, Chris F.; Zaiger, Gary N.; Gardner, Leith M.; and Zaiger, Grant G., 5,486, Cl. 38.000.
- Geers, Hermann, Jr., to Conard-Pyle Company, The. Weigela plant - geenaltan. 5,555, 9-10-85, Cl. 54.000.
- Geo. J. Ball Inc.: *See—*
  - Arnesen, Richard A., 5,389, Cl. 55.000.
- Gessellschaftsvertrag uber die Erfindergemeinschaft "Optimara": *See—*
  - Holtkamp, Reinhold, 5,417, Cl. 69.000.
  - Holtkamp, Reinhold, 5,489, Cl. 69.000.
  - Holtkamp, Reinhold, 5,493, Cl. 69.000.
  - Holtkamp, Reinhold, 5,494, Cl. 69.000.
  - Holtkamp, Reinhold, 5,540, Cl. 69.000.
- Gessellschaftsvertrag uber die Erfindergemeinschaft"Optimara": *See—*
  - Holtkamp, Reinhold, 5,383, Cl. 69.000.
- Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara": *See—*
  - Holtkamp, Reinhold, 5,599, Cl. 69.000.
  - Holtkamp, Reinhold, 5,600, Cl. 69.000.
  - Holtkamp, Reinhold, 5,601, Cl. 69.000.
  - Holtkamp, Reinhold, 5,602, Cl. 69.000.
  - Holtkamp, Reinhold, 5,603, Cl. 69.000.
  - Holtkamp, Reinhold, 5,604, Cl. 69.000.
  - Holtkamp, Reinhold, 5,605, Cl. 69.000.
  - Holtkamp, Reinhold, 5,614, Cl. 69.000.
  - Holtkamp, Reinhold, 5,615, Cl. 69.000.
  - Holtkamp, Reinhold, 5,616, Cl. 69.000.
  - Holtkamp, Reinhold, 5,617, Cl. 69.000.
- Glazier, James L.: *See—*
  - Chick, Norman A., 5,508, Cl. 34.000.
- Gonzalez, Richard, to Merkeley, Donald K.; Topinka, Walter A.; and Myrick, Floyd F., part interest to each. Apple tree 'Rico Red'. 5,569, 10-8-85, Cl. 35.000.
- Goosen, Raymond. Peach plant. 5,388, 1-15-85, Cl. 43.000.
- Gutbier, Gregor, to Ecke, Paul, Jr. Poinsettia named Angelika. 5,492. 6-11-85, Cl. 86.000.
- Hanners, Daniel A. Apple tree—"Eve's Delight". 5,421, 3-26-85, Cl. 35.000.
- Hare, Bruner, to Stark Brothers Nurseries and Orchards Company. Red Delicious apple tree-Hared cultivar. 5,547, 9-3-85, Cl. 35.000.
- Harkness, John L. New rose plant. 5,582, 12-3-85, Cl. 22.000.
- Hesse, Peter S.; and Fleming, Margaret M., to Pan American Plant Company. Kalanchoe plant named Sonora. 5,443, 4-23-85, Cl. 68.000.
- Hesse, Peter S.: *See—*
  - Shoesmith, Leonard H.; and Hesse, Peter S., 5,491, Cl. 74.000.
- Hilverda B.V.: *See—*
  - Hilverda, Jan J., 5,517, Cl. 73.000.
  - Hilverda, Jan J., 5,545, Cl. 71.000.
  - Hilverda, Jan J., 5,574, Cl. 72.000.
- Hilverda, Jan J., to Hilverda B.V. Carnation named Hilstar. 5,517, 7-16-85, Cl. 73.000.
- Hilverda, Jan J., to Hilverda B.V. Carnation named Hilkari. 5,545, 8-27-85, Cl. 71.000.
- Hilverda, Jan J., to Hilverda B.V. Carnation named Hilbacer. 5,574, 10-15-85, Cl. 72.000.
- Holden, Verl L. Blue spruce tree "Baby Blueyes" variety. 5,457, 4-30-85, Cl. 50.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Erfindergemeinschaft"Optimara". African violet plant. 5,383, 1-1-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Erfindergemeinschaft "Optimara". African violet plant named Monique. 5,417, 3-12-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Erfindergemeinschaft "Optimara". African violet plant named Cleveland. 5,489, 6-11-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Erfindergemeinschaft "Optimara". African violet plant named Ellen. 5,493, 6-18-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Erfindergemeinschaft "Optimara". African violet plant named Sabrina. 5,494, 6-18-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Erfindergemeinschaft "Optimara". African violet plant named Capricorn. 5,540, 8-20-85, Cl. 69.000.

- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named South Dakota. 5,599, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Improved Oregon. 5,600, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet named Sequoia. 5,601, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Improved Louisiana. 5,602, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Baltimore. 5,603, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Betty. 5,604, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Improved Alabama. 5,605, 12-17-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Jo. 5,614, 12-31-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Miami. 5,615, 12-31-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named Improved Washington. 5,616, 12-31-85, Cl. 69.000.
- Holtkamp, Reinhold, to Gessellschaftsvertrag uber die Ergindergemeinschaft "Optimara". African violet plant named New Mexico. 5,617, 12-31-85, Cl. 69.000.
- Hope, Claude, to Pan American Plant Company. Kalanchoe plant named "Acapulco" . 5,384, 1-8-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Kalanchoe plant named Cozumel. 5,385, 1-8-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Kalanchoe plant named Granada. 5,386, 1-8-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Kalanchoe plant named Cancun. 5,387, 1-8-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 37. 5,563, 9-24-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 13. 5,592, 12-10-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 3. 5,593, 12-10-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 10. 5,594, 12-10-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 14. 5,598, 12-17-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 43. 5,612, 12-24-85, Cl. 68.000.
- Hope, Claude, to Pan American Plant Company. Impatiens plant named Vista Impatiens No. 56. 5,613, 12-24-85, Cl. 68.000.
- Hopka, Christian. Distinct variety of Streptocarpus named Purple Martin. 5,561, 9-24-85, Cl. 68.000.
- Hopka, Christian. Distinct variety of Streptocarpus named Teal. 5,562, 9-24-85, Cl. 68.000.
- Hough, L. Fredric: *See—*
  - Dayton, Daniel F.; Korban, Safi; Williams, Edwin B.; Janick, Jules; Emerson, Frank H.; and Hough, L. Fredric, 5,584, Cl. 34.000.
- Hubertus van Veen, Johannes W., to Chrysanthemum Breeders Assoc. N.V. Chrysanthemum. 5,477, 5-28-85, Cl. 74.000.
- Imazio, Bruno L., to Bruno Imazio Partnership. Heather named Erica Pacifica. 5,430, 4-9-85, Cl. 54.000.
- Jackson & Perkins Comany: *See—*
  - Warriner, William A., 5,557, Cl. 8.000.
- Jackson & Perkins Company: *See—*
  - Kordes, Reimer, 5,411, Cl. 24.000.
  - Kordes, Reimer; Kordes, Werner; and Kordes, Hermann, 5,575, Cl. 18.000.
  - Warriner, William A., 5,572, Cl. 20.000.
  - Warriner, William A., 5,576, Cl. 28.000.
  - Warriner, William A., 5,577, Cl. 8.000.
  - Warriner, William A., 5,578, Cl. 9.000.
- Janick, Jules: *See—*
  - Dayton, Daniel F.; Korban, Safi; Williams, Edwin B.; Janick, Jules; Emerson, Frank H.; and Hough, L. Fredric, 5,584, Cl. 34.000.
- Jenkins, Philip J., deceased (by Jenkins, Zona G., legal representative), to Stark Brothers Nurseries and Orchards Company. Red Delicious apple tree—Jenred cultivar. 5,472, 5-21-85, Cl. 35.000.
- Jenkins, Zona G., legal representative: *See—*
  - Jenkins, Philip J., deceased, 5,472, Cl. 35.000.
- Jolly, Betty J.; and Jolly, Nelson F., to Jolly's Rosehill Farm of Kent, Inc. Rose plant 'Snow Bride'. 5,579, 11-5-85, Cl. 8.000.
- Jolly, Nelson F., to Jolly's Rosehill Farm of Kent, Inc. Rose plant—Hombre. 5,552, 9-10-85, Cl. 7.000.
- Jolly, Nelson F.: *See—*
  - Jolly, Betty J.; and Jolly, Nelson F., 5,579, Cl. 8.000.
- Jolly's Rosehill Farm of Kent, Inc.: *See—*
  - Jolly, Betty J.; and Jolly, Nelson F., 5,579, Cl. 8.000.
  - Jolly, Nelson F., 5,552, Cl. 7.000.
- Kinelski, John J.: *See—*
  - Ellison, J. Howard; and Kinelski, John J., 5,546, Cl. 89.000.
  - Ellison, J. Howard; and Kinelski, John J., 5,549, Cl. 89.000.
  - Ellison, J. Howard; and Kinelski, John J., 5,550, Cl. 89.000.
  - Ellison, J. Howard; and Kinelski, John J., 5,551, Cl. 89.000.
- King, Benjamin J. Elm tree. 5,554, 9-10-85, Cl. 51.000.
- Korban, Safi: *See—*
  - Dayton, Daniel F.; Korban, Safi; Williams, Edwin B.; Janick, Jules; Emerson, Frank H.; and Hough, L. Fredric, 5,584, Cl. 34.000.
- Kordes, Hermann: *See—*
  - Kordes, Reimer; Kordes, Werner; and Kordes, Hermann, 5,575, Cl. 18.000.
- Kordes, Reimer, to Jackson & Perkins Company. Rose plant Korampa of the Floribunda class. 5,411, 3-5-85, Cl. 24.000.
- Kordes, Reimer; Kordes, Werner; and Kordes, Hermann, to Jackson & Perkins Company. Rose plant Korflug. 5,575, 10-22-85, Cl. 18.000.
- Kordes, Werner: *See—*
  - Kordes, Reimer; Kordes, Werner; and Kordes, Hermann, 5,575, Cl. 18.000.
- Kvutsat Schiller Kvutsat Ovdim Lehityashvut Shitufit Ltd.: *See—*
  - Barkan, Pinchas, 5,442, Cl. 44.000.
- L. Daehnfeldt Ltd.: *See—*
  - Boll, Holger, 5,390, Cl. 68.000.
  - Schelbeck, Erland V., 5,391, Cl. 68.000.
- Laboratoire de Physiologie Vegetale de la Londe: *See—*
  - Baratta, Nicoletta; and Nobbio, Giacomo, 5,435, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,419, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,420, Cl. 72.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,432, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,433, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,434, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,439, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,444, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,445, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,446, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,476, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,511, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,512, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,513, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,514, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,515, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,516, Cl. 73.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,528, Cl. 70.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,530, Cl. 71.000.
  - Barberet, Nicole; and Ducloux, Yves, 5,580, Cl. 71.000.
- Liddle, Donald J. Cupressus macrocarpa. 5,488, 6-11-85, Cl. 50.000.
- M. Lek en Zonen B. V.: *See—*
  - Sarneel, J. F., 5,464, Cl. 70.000.
- M. Lek en Zonen, B.V.: *See—*
  - Sarneel, J. F., 5,394, Cl. 70.000.
  - Sarneel, J. F., 5,395, Cl. 72.000.
- Mack, Grace H.: *See—*
  - Duffett, William E.; and Mack, Grace H., 5,440, Cl. 77.000.
  - Duffett, William E.; and Mack, Grace H., 5,441, Cl. 80.000.
  - Duffett, William E.; and Mack, Grace H., 5,447, Cl. 82.000.
- McGredy, Samuel, IV, to Armstrong Nurseries, Inc. Hybrid tea rose plant vc. Macauck. 5,519, 7-23-85, Cl. 20.000.
- McGredy, Samuel D. Rose plant 'Machaden' . 5,426, 4-2-85, Cl. 21.000.
- McGredy, Samuel D. Rose plant 'Dacshana' . 5,427, 4-2-85, Cl. 8.000.
- McGredy, Samuel D. Rose plant 'Macnewye' . 5,428, 4-2-85, Cl. 22.000.
- McGredy, Samuel D. Rose plant 'Macwaike' . 5,429, 4-2-85, Cl. 26.000.
- McLane, Bradford G. *Hygrophila polysperma* Tropic Sunset. 5,548, 9-3-85, Cl. 88.000.
- Meilland, Marie L., to Conard-Pyle Company, The. Climber rose plant—Metzalitaf variety. 5,396, 1-29-85, Cl. 2.000.
- Meilland, Marie L., to Conard-Pyle Company, The. Rose plant-Meikola variety. 5,607, 12-24-85, Cl. 18.000.
- Merkeley, Donald K.: *See—*
  - Gonzalez, Richard, 5,569, Cl. 35.000.
- Mikkelsen, James C., to Mikkelsens, Inc. Begonia plant named Hilda. 5,532, 8-13-85, Cl. 68.000.
- Mikkelsen, James C., to Mikkelsens, Inc. Klanchoe plant named Citation. 5,533, 8-13-85, Cl. 68.000.
- Mikkelsen, James C., to Mikkelsens, Inc. Begonia plant named [illegible]ago. 5,538, 8-20-85, Cl. 68.000.
- Mikkelsen, James C., to Mikkelsens, Inc. Begonia plant named Imke. 5,539, 8-20-85, Cl. 68.000.
- Mikkelsens, Inc.: *See—*
  - Mikkelsen, James C., 5,532, Cl. 68.000.
  - Mikkelsen, James C., 5,533, Cl. 68.000.
  - Mikkelsen, James C., 5,538, Cl. 68.000.
  - Mikkelsen, James C., 5,539, Cl. 68.000.
- Moore, Ralph S., to Sequoia Nursery. Miniature rose plant. 5,459, 5-7-85, Cl. 8.000.
- Moore, Ralph S., to Sequoia Nursery. Miniature rose plant. 5,460, 5-7-85, Cl. 10.000.
- Morrison, Kenneth M. German ivy-plant 'Morrison's Variegated'. 5,571, 10-8-85, Cl. 88.000.
- Myrick, Floyd F.: *See—*
  - Gonzalez, Richard, 5,569, Cl. 35.000.
- Nakagawa, Allan T.: *See—*
  - Nakagawa, Glenn T., 5,480, Cl. 41.000.
- Nakagawa, Glenn T., to Nakagawa, Glenn T.; and Nakagawa, Allan T. Nectarine tree—N15500. 5,480, 5-28-85, Cl. 41.000.
- Neiman-Marcus Company: *See—*
  - Rodgers, Shafner R., 5,425, Cl. 11.000.
- Nobbio, Giacomo: *See—*
  - Baratta, Nicoletta; and Nobbio, Giacomo, 5,435, Cl. 73.000.

- Nor'East Miniature Roses, Inc.: *See—*
  - Blazey, Daniel, 5,448, Cl. 7.000.
  - Saville, F. Harmon, 5,415, Cl. 10.000.
  - Saville, F. Harmon, 5,449, Cl. 10.000.
  - Saville, F. Harmon, 5,450, Cl. 10.000.
  - Saville, F. Harmon, 5,471, Cl. 10.000.
  - Saville, F. Harmon, 5,482, Cl. 7.000.
  - Saville, F. Harmon, 5,483, Cl. 10.000.
  - Saville, F. Harmon, 5,484, Cl. 10.000.
- Olij, Huibert W., to Conard-Pyle Company, The. Rose plant-olyciso variety. 5,553, 9-10-85, Cl. 22.000.
- Olson, Wendel J., heir: *See—*
  - Anderson, Fred W., deceased; and Olson, Wendel J., heir, 5,478, Cl. 37.000.
- Ourecky, Donald K.: *See—*
  - Sanford, John C.; and Ourecky, Donald K., 5,404, Cl. 46.000.
  - Sanford, John C.; Ourecky, Donald K.; and Slate, George L., deceased, 5,405, Cl. 46.000.
- Pakchoian Farms: *See—*
  - Pakchoian, John D., 5,416, Cl. 38.000.
- Pakchoian, John D., to Pakchoian Farms. Plum tree, "Midrosas". 5,416, 3-12-85, Cl. 38.000.
- Pampaian, James H. Peach tree, Pampaian's Late Babcock. 5,581, 11-12-85, Cl. 42.000.
- Pan American Plant Company: *See—*
  - Fischer, Arnold, 5,527, Cl. 69.000.
  - Fischer, Arnold, 5,534, Cl. 69.000.
  - Fischer, Arnold, 5,535, Cl. 69.000.
  - Fischer, Arnold, 5,536, Cl. 69.000.
  - Fischer, Arnold, 5,543, Cl. 69.000.
  - Hesse, Peter S.; and Fleming, Margaret M., 5,443, Cl. 68.000.
  - Hope, Claude, 5,384, Cl. 68.000.
  - Hope, Claude, 5,385, Cl. 68.000.
  - Hope, Claude, 5,386, Cl. 68.000.
  - Hope, Claude, 5,387, Cl. 68.000.
  - Hope, Claude, 5,563, Cl. 68.000.
  - Hope, Claude, 5,592, Cl. 68.000.
  - Hope, Claude, 5,593, Cl. 68.000.
  - Hope, Claude, 5,594, Cl. 68.000.
  - Hope, Claude, 5,598, Cl. 68.000.
  - Hope, Claude, 5,612, Cl. 68.000.
  - Hope, Claude, 5,613, Cl. 68.000.
  - Shoesmith, Leonard, deceased, 5,531, Cl. 77.000.
  - Shoesmith, Leonard H.; and Hesse, Peter S., 5,491, Cl. 74.000.
- Paul, Ronald. Plum tree 'Mr. Paul' . 5,413, 3-12-85, Cl. 38.000.
- Persoon, Johannes A.: *See—*
  - Persoon, Margot J.; and Persoon, Johannes A., 5,496, Cl. 76.000.
- Persoon, Margot J.; and Persoon, Johannes A. Chrysanthemum plant Diana. 5,496, 6-18-85, Cl. 76.000.
- Peters, Richard; and Wuhl, Eric. Plum tree, "Wuhl". 5,585, 12-3-85, Cl. 38.000.
- Peters, Richard; and Wuhl, Eric. Nectarine tree, "Star Brite". 5,586, 12-3-85, Cl. 41.000.
- Peters, Richard; and Wuhl, Eric. Nectarine tree, "Mike's Grand". 5,587, 12-3-85, Cl. 41.000.
- Petersen, Robert E. Pear tree "San Joaquin". 5,570, 10-8-85, Cl. 36.000.
- Purdue Research Foundation: *See—*
  - Dayton, Daniel F.; Korban, Safi; Williams, Edwin B.; Janick, Jules; Emerson, Frank H.; and Hough, L. Fredric, 5,584, Cl. 34.000.
- Ray Bracken Nursery, Inc.: *See—*
  - Bracken, Ray, 5,520, Cl. 51.000.
- Resch, Josef. Variegated schefflera plant 'Josef Resch'. 5,541, 8-20-85, Cl. 88.000.
- Rice, Jake W.; and Rice, Patricia A. Bougainvillea plant. 5,393, 1-22-85, Cl. 54.000.
- Rice, Patricia A.: *See—*
  - Rice, Jake W.; and Rice, Patricia A., 5,393, Cl. 54.000.
- Rodgers, Shafner R., to Neiman-Marcus Company. Rose plant. 5,425, 4-2-85, Cl. 11.000.
- Rushing, Ralph C. *Nandina domestica* Thunb. called Lowboy. 5,560, 9-24-85, Cl. 54.000.
- Rutgers University: *See—*
  - Ellison, J. Howard; and Kinelski, John J., 5,546, Cl. 89.000.
  - Ellison, J. Howard; and Kinelski, John J., 5,549, Cl. 89.000.
  - Ellison, J. Howard; and Kinelski, John J., 5,550, Cl. 89.000.
  - Ellison, J. Howard; and Kinelski, John J., 5,551, Cl. 89.000.
- Sanford, John C.; and Ourecky, Donald K., to Cornell Research Foundation, Inc. Red raspberry, N.Y. 883. 5,404, 2-12-85, Cl. 46.000.
- Sanford, John C.; Ourecky, Donald K.; and Slate, George L., deceased (by Abbott, Barbara S., heir), to Cornell Research Foundation, Inc. Purple raspberry, N.Y. 632. 5,405, 2-12-85, Cl. 46.000.
- Sarneel, J. F., to M. Lek en Zonen, B.V. Carnation named Odeon. 5,394, 1-22-85, Cl. 70.000.
- Sarneel, J. F., to M. Lek en Zonen, B.V. Carnation named Cappello. 5,395, 1-22-85, Cl. 72.000.
- Sarneel, J. F., to M. Lek en Zonen B. V. Carnation named Medea. 5,464, 5-7-85, Cl. 70.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant. 5,415, 3-12-85, Cl. 10.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant—Savanhour. 5,449, 4-30-85, Cl. 10.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant—Savaspir. 5,450, 4-30-85, Cl. 10.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant. 5,471, 5-21-85, Cl. 10.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant. 5,482, 6-4-85, Cl. 7.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant. 5,483, 6-4-85, Cl. 10.000.
- Saville, F. Harmon, to Nor'East Miniature Roses, Inc. Rose plant. 5,484, 6-4-85, Cl. 10.000.
- Schelbeck, Erland V., to L. Daehnfeldt Ltd. Begonia plant named Ellen. 5,391, 1-15-85, Cl. 68.000.
- Sequoia Nursery: *See—*
  - Moore, Ralph S., 5,459, Cl. 8.000.
  - Moore, Ralph S., 5,460, Cl. 10.000.
- Serimian, Donald M.: *See—*
  - Serimian, Lionel M.; and Serimian, Donald M., 5,591, Cl. 41.000.
- Serimian, Lionel M.; and Serimian, Donald M. Nectarine tree, "Red Lion". 5,591, 12-10-85, Cl. 41.000.
- Shoesmith, Leonard, deceased (by Shoesmith, May V., executrix), to Pan American Plant Company. Chrysanthemum plant named Powerhouse. 5,531, 8-6-85, Cl. 77.000.
- Shoesmith, Leonard H.; and Hesse, Peter S., to Pan American Plant Company. Chrysanthemum plant named Frosty. 5,491, 6-11-85, Cl. 74.000.
- Shoesmith, May V., executrix: *See—*
  - Shoesmith, Leonard, deceased, 5,531, Cl. 77.000.
- Slate, George L., deceased: *See—*
  - Sanford, John C.; Ourecky, Donald K.; and Slate, George L., deceased, 5,405, Cl. 46.000.
- Smith, Ronald E. Gardiner peach tree. 5,423, 3-26-85, Cl. 43.000.
- Stark Brothers Nurseries and Orchards Company: *See—*
  - Hare, Bruner, 5,547, Cl. 35.000.
  - Jenkins, Philip J., deceased, 5,472, Cl. 35.000.
  - Zaiger, Chris F., 5,461, Cl. 41.000.
  - Zaiger, Chris F., 5,463, Cl. 43.000.
- Strahle, Robert, to Carlton Rose Nurseries, Inc. Rose plant 'Little Cameo' . 5,381, 1-1-85, Cl. 18.000.
- Strawn, Leslie E. Miniature rose plant. 5,392, 1-22-85, Cl. 7.000.
- Strawn, Leslie E., to Bennett, Cecilia Lucy Daphne. Cottontail—miniature rose plant. 5,436, 4-16-85, Cl. 8.000.
- Superior Farming Company: *See—*
  - Weinberger, John H., 5,473, Cl. 41.000.
  - Weinberger, John H., 5,487, Cl. 38.000.
  - Weinberger, John H., 5,503, Cl. 43.000.
- Sweet, Jack S., to Earl J. Small Growers, Inc. Poinsettia plant named Red Champion. 5,479, 5-28-85, Cl. 86.000.
- Swenson, Elmer, to Swenson-Smith Vines, Inc. Grapevine. 5,588, 12-3-85, Cl. 47.000.
- Swenson-Smith Vines, Inc.: *See—*
  - Swenson, Elmer, 5,588, Cl. 47.000.
- Swim, Herbert C.: *See—*
  - Christensen, Jack E.; and Swim, Herbert C., 5,398, Cl. 11.000.
  - Christensen, Jack E.; and Swim, Herbert C., 5,399, Cl. 22.000.
- Tomatis, Simon. Ranunculus plant—Fever. 5,611, 12-24-85, Cl. 68.000.
- Topinka, Walter A.: *See—*
  - Gonzalez, Richard, 5,569, Cl. 35.000.
- Treesearch: *See—*
  - Flemer, William, III, 5,524, Cl. 51.000.
- University of Illinois: *See—*
  - Culbert, John R., 5,490, Cl. 74.000.
  - Culbert, John R., 5,521, Cl. 74.000.
- van Andel, Jacob, to B. V. Handelskwekij, M. C. van Staaveren. Alstroemeria named Stalrama. 5,431, 4-9-85, Cl. 68.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanpiran. 5,498, 6-25-85, Cl. 73.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanblanca. 5,499, 6-25-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Muredo. 5,500, 6-25-85, Cl. 73.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staavern. Alstroemeria named Stalrobu. 5,501, 6-25-85, Cl. 68.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Standisc. 5,504, 7-2-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Mulopi. 5,505, 7-2-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Mudave. 5,506, 7-2-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanbroda. 5,507, 7-2-85, Cl. 73.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Alstroemeria named Stalpatri. 5,509, 7-9-85, Cl. 68.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Alstroemeria named Stalpas. 5,510, 7-9-85, Cl. 68.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stangella. 5,525, 7-30-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanoker. 5,526, 7-30-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanarthur. 5,529, 8-6-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Alstroemeria named Staltang. 5,542, 8-27-85, Cl. 68.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanquin. 5,544, 8-27-85, Cl. 70.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Stanoct. 5,565, 10-1-85, Cl. 73.000.
- van Andel, Jacob, to B. V. Handelskwekerij, M. C. van Staaveren. Carnation named Mufugo. 5,589, 12-3-85, Cl. 70.000.
- Waldner, Franz: *See—*
  - Zanon, Karl; and Waldner, Franz, 5,406, Cl. 34.000.

Wallace, Robert D. Hybrid chestnut tree 'Revival'. 5,537, 8-20-85, Cl. 30.000.
Warriner, William A., to Jackson & Perkins Company. Rose plant Jaclite. 5,557, 9-17-85, Cl. 8.000.
Warriner, William A., to Jackson & Perkins Company. Rose plant Jacrep. 5,572, 10-15-85, Cl. 20.000.
Warriner, William A., to Jackson & Perkins Company. Rose plant Jacaret. 5,576, 10-22-85, Cl. 28.000.
Warriner, William A., to Jackson & Perkins Company. Rose plant Jacsmi. 5,577, 10-29-85, Cl. 8.000.
Warriner, William A., to Jackson & Perkins Company. Rose plant Jacouch. 5,578, 10-29-85, Cl. 9.000.
Washington Farms Limited: *See—*
  Whaley, Richard C., 5,422, Cl. 43.000.
Wates, Byron E. Privet plant. 5,469, 5-14-85, Cl. 54.000.
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